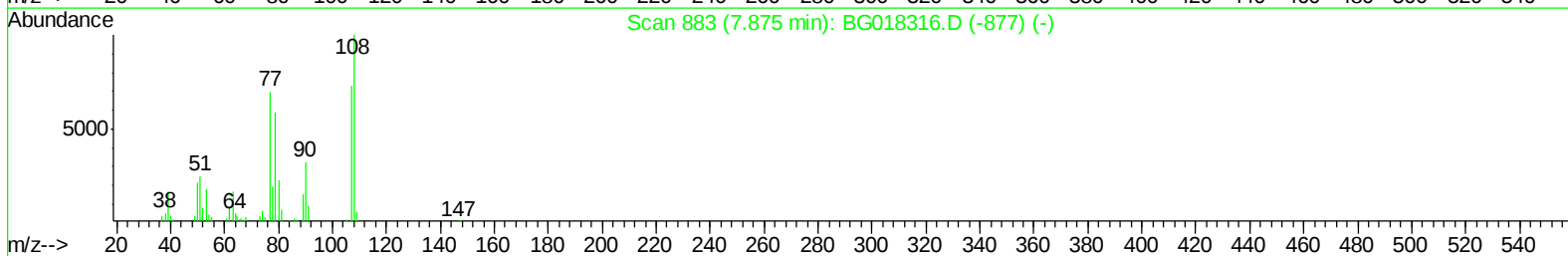
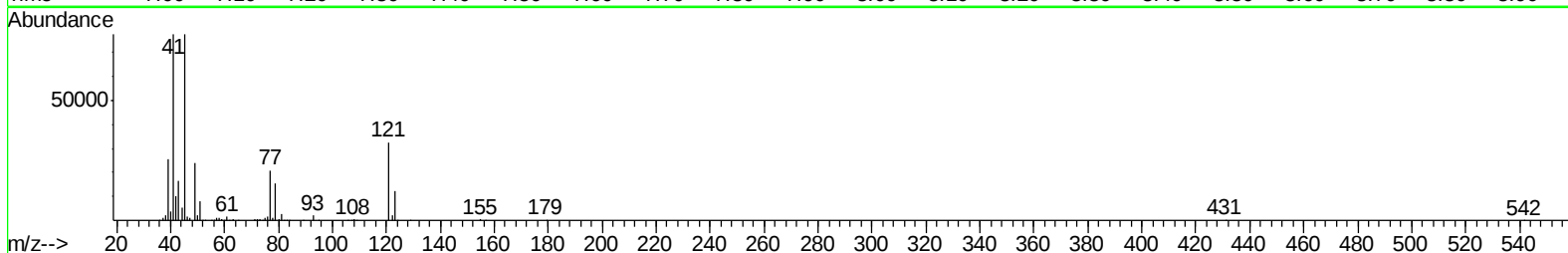
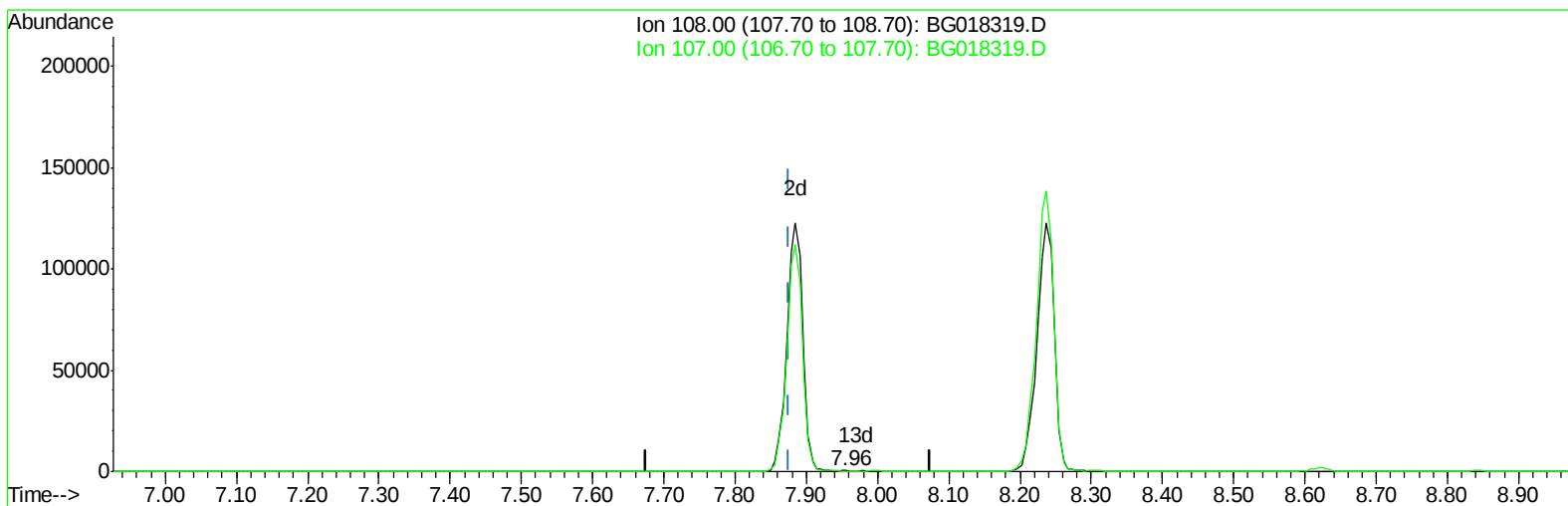


Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(11) 2-Methylphenol

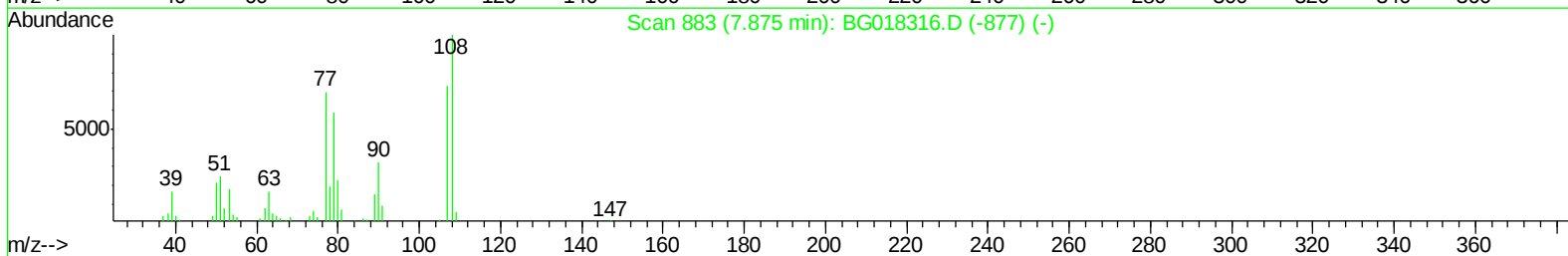
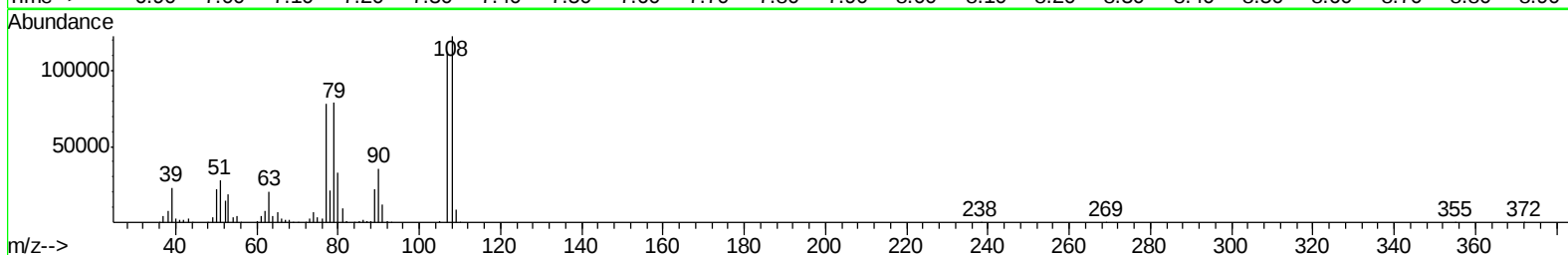
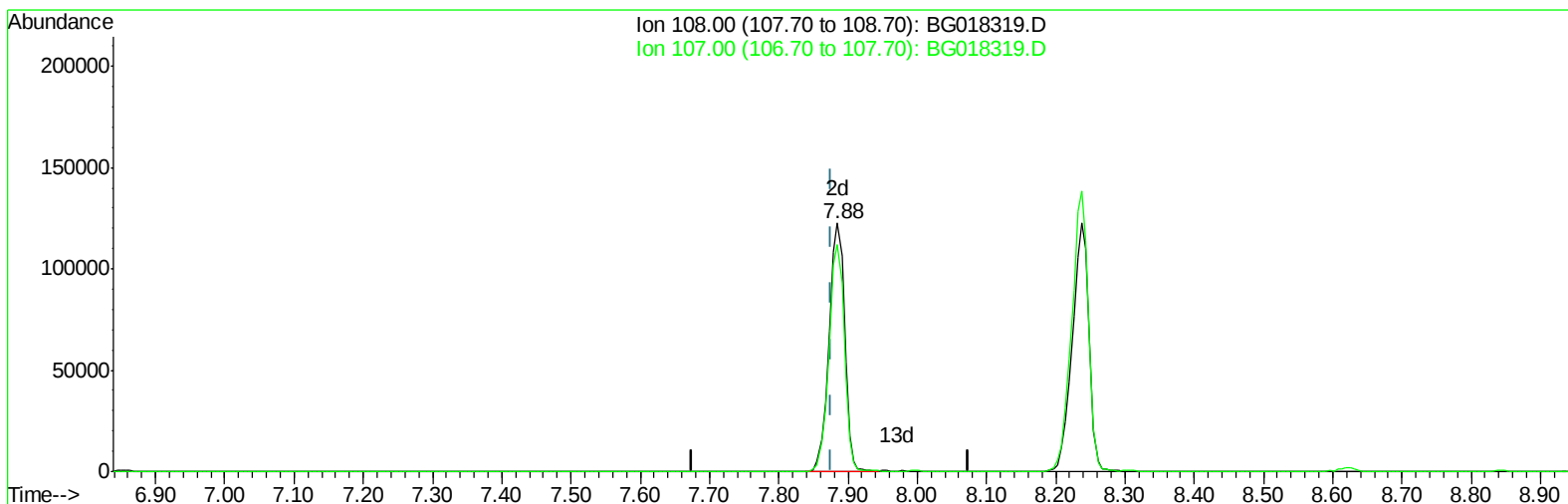
7.955min (+0.080) 0.39ng/ul

response 441

Ion	Exp%	Act%
108.00	100	100
107.00	74.40	61.74
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(11) 2-Methylphenol

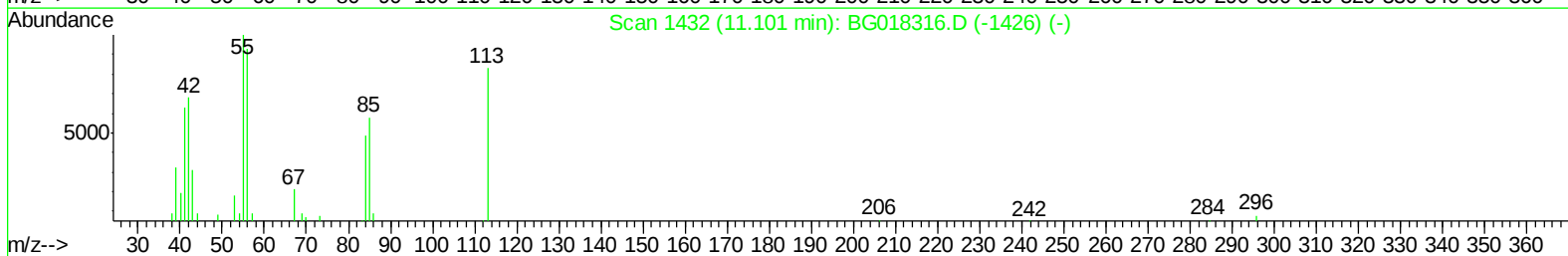
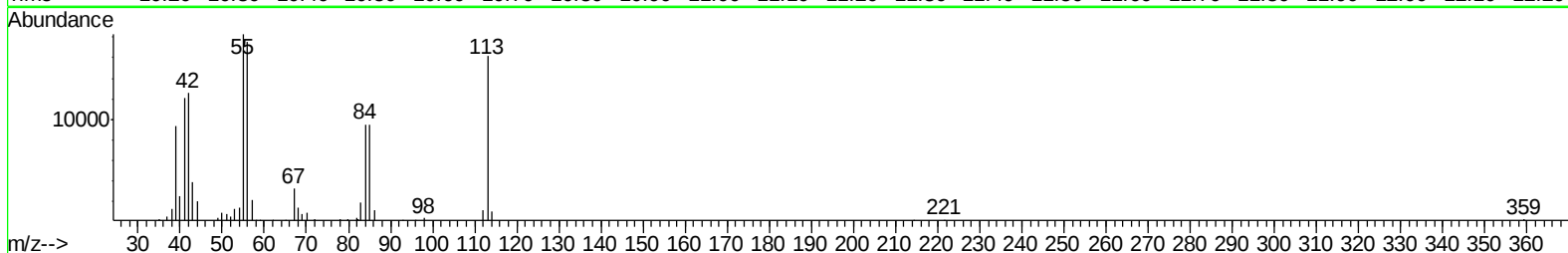
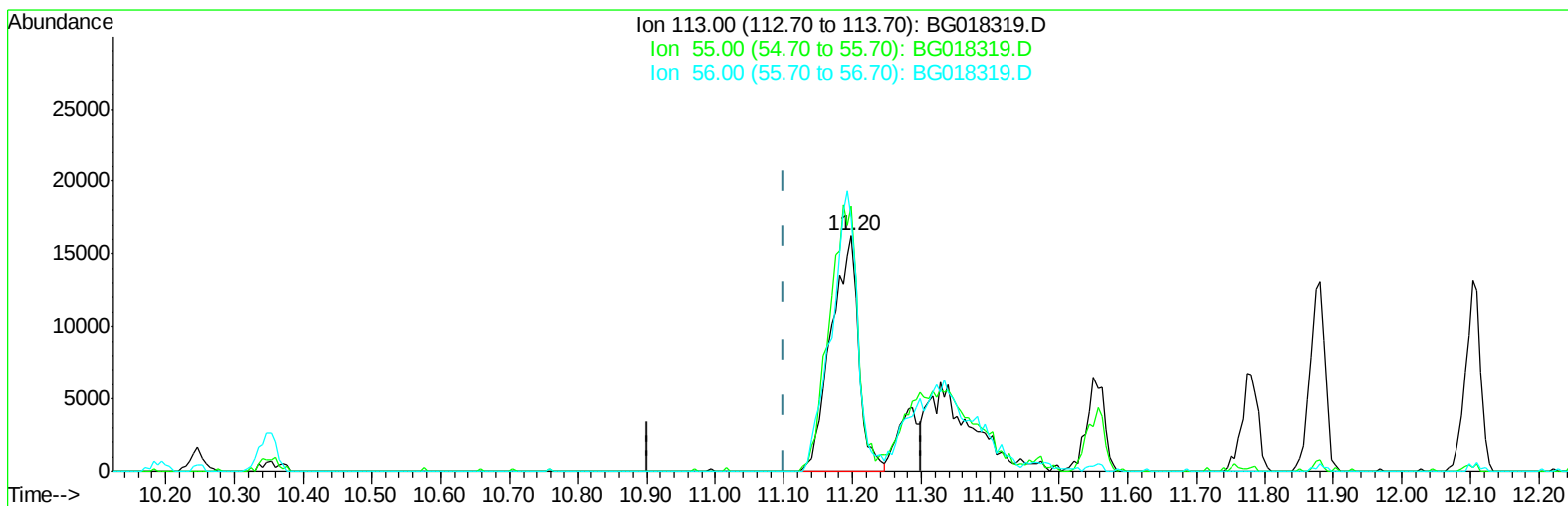
7.885min (+0.010) 168.99ng/ul m

response 191412

Ion	Exp%	Act%
108.00	100	100
107.00	74.40	91.63#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(32) Caprolactam

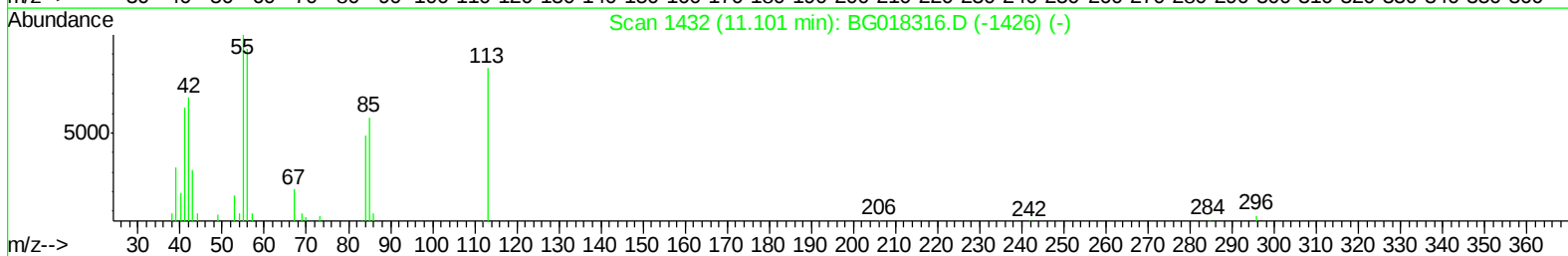
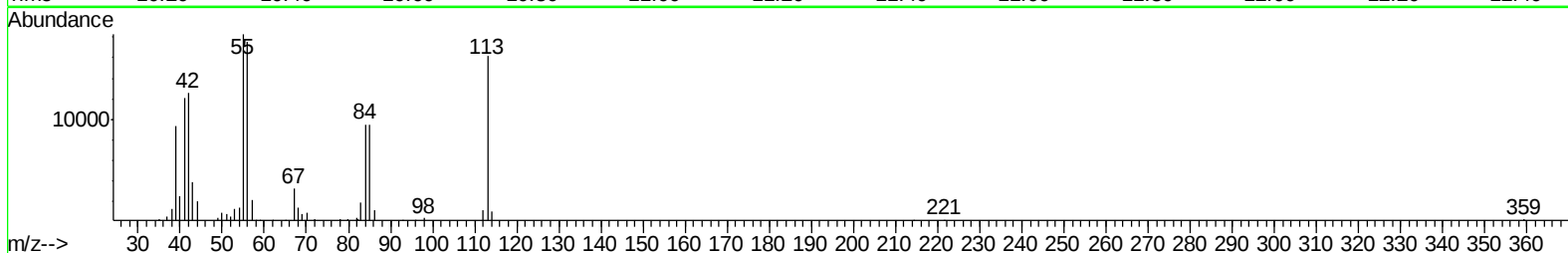
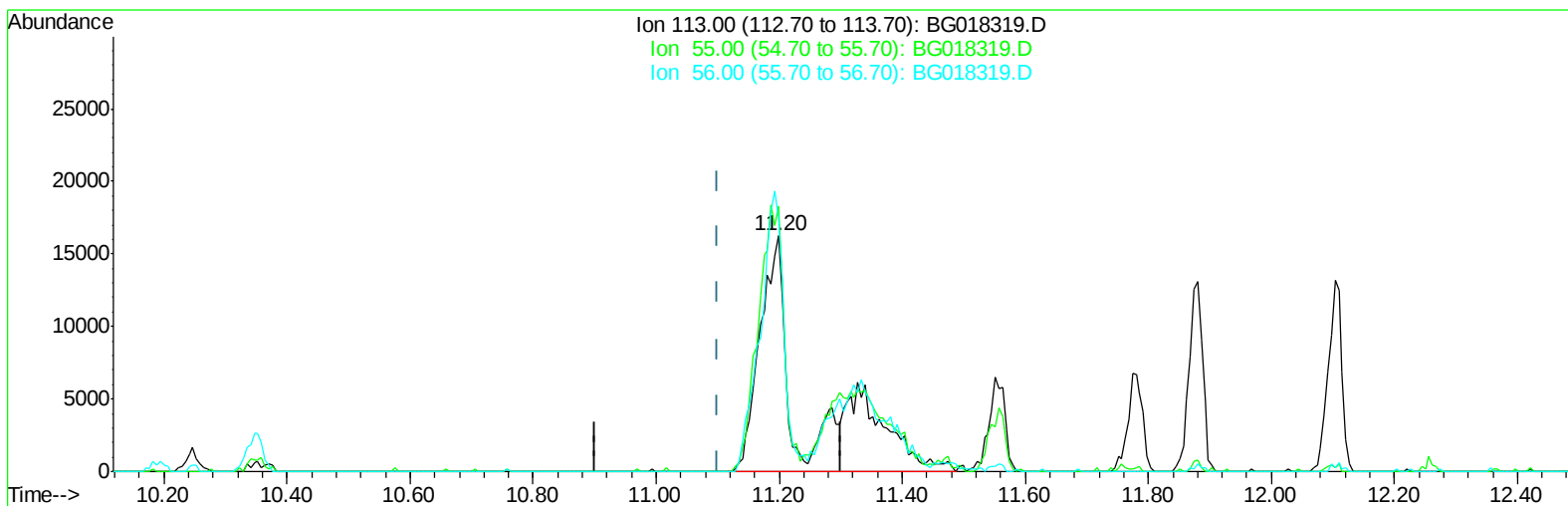
11.199min (+0.098) 76.49ng/ul

response 44962

Ion	Exp%	Act%
113.00	100	100
55.00	120.80	112.70
56.00	112.30	108.07
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(32) Caprolactam

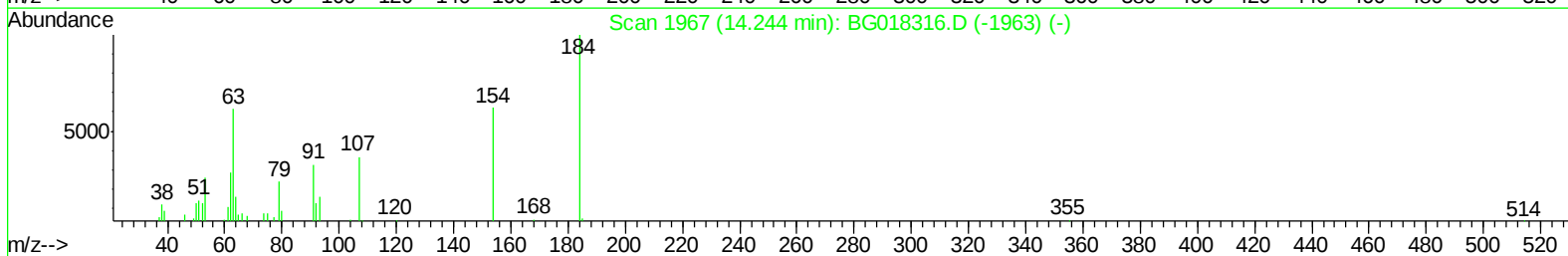
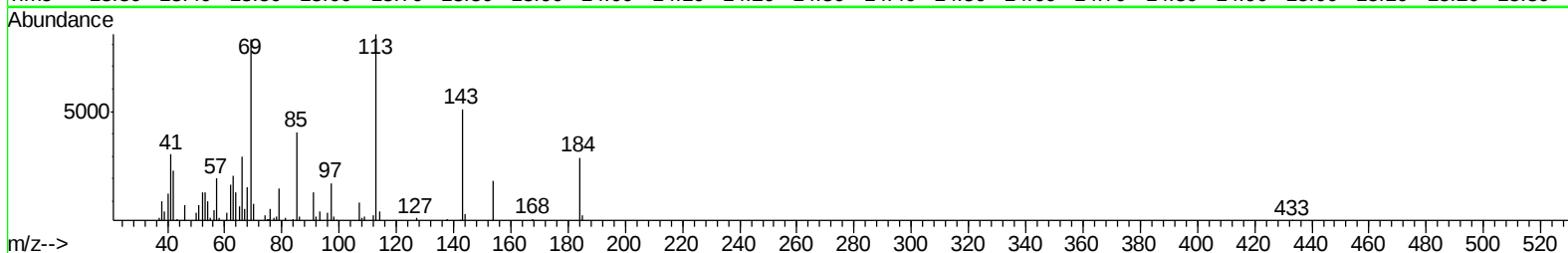
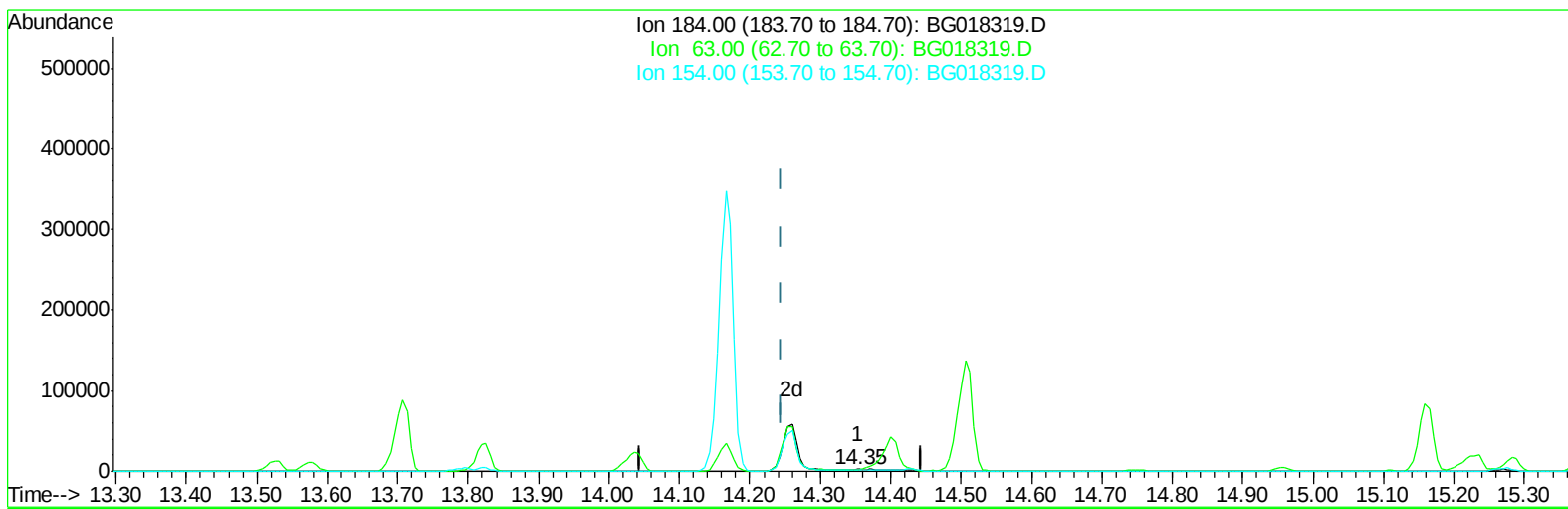
11.199min (+0.098) 139.36ng/ul m

response 81917

Ion	Exp%	Act%
113.00	100	100
55.00	120.80	112.70
56.00	112.30	108.07
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(51) 2,4-Dinitrophenol

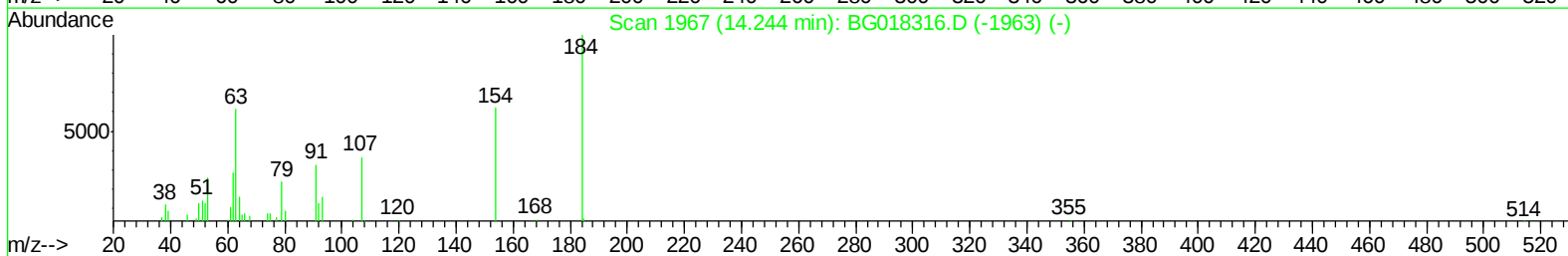
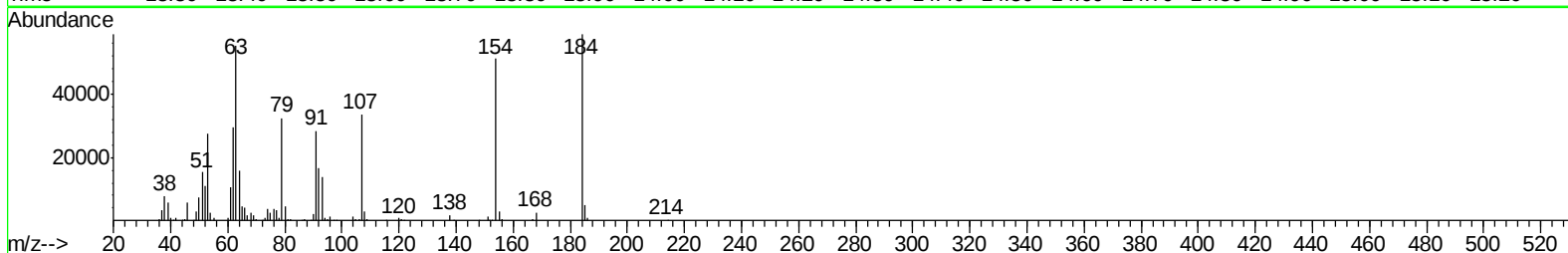
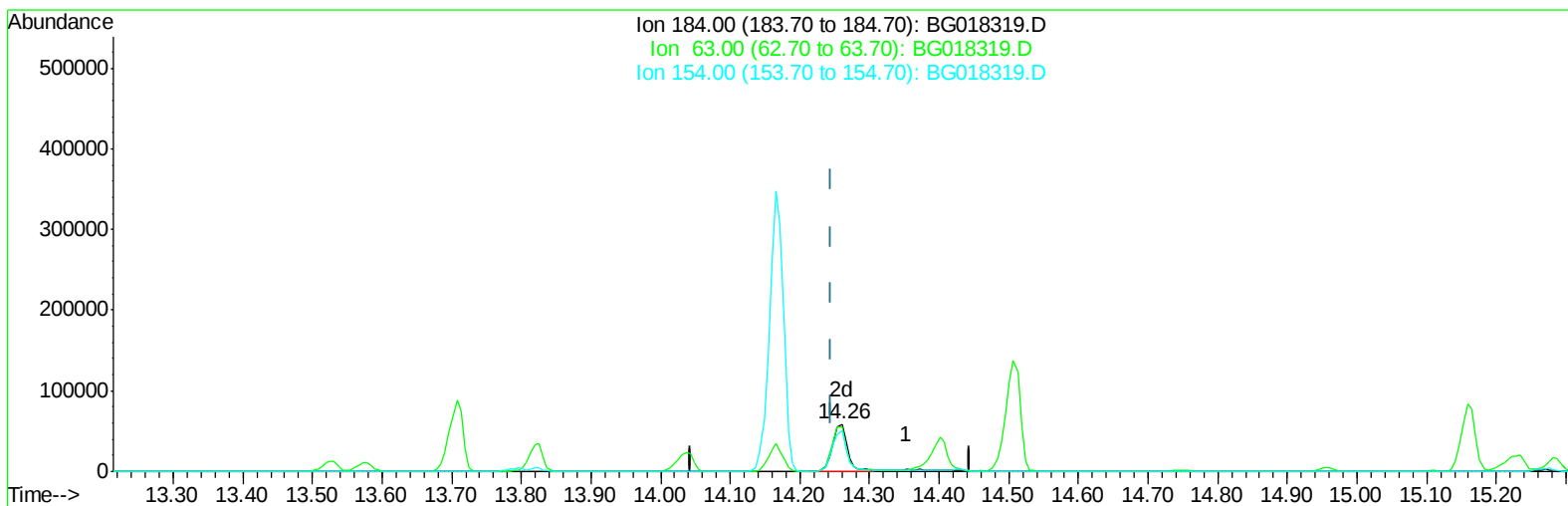
14.354min (+0.109) 1.72ng/ul

response 796

Ion	Exp%	Act%
184.00	100	100
63.00	61.40	73.51
154.00	62.00	64.82
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(51) 2,4-Dinitrophenol

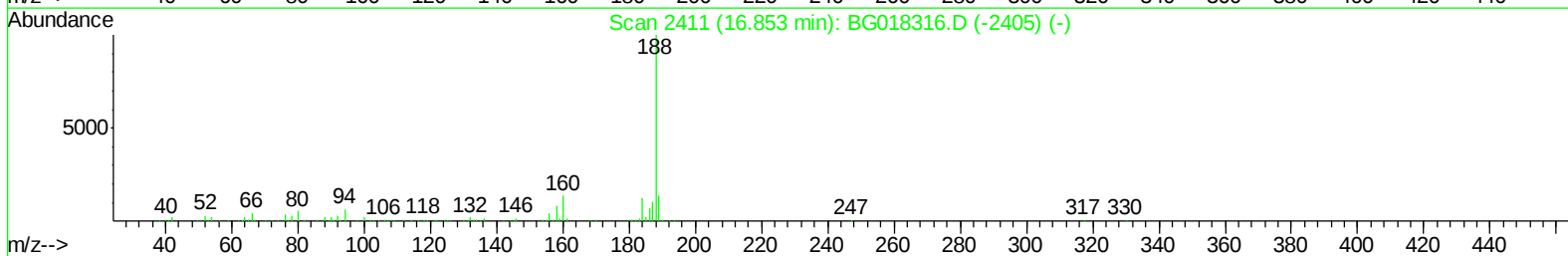
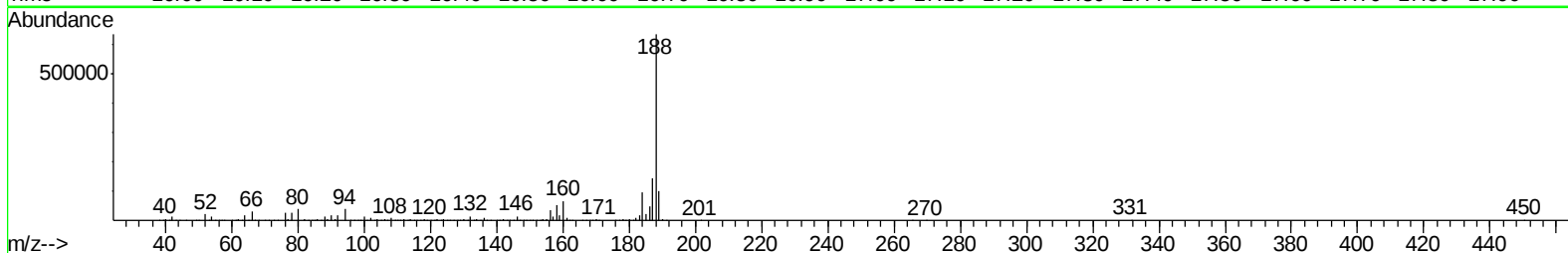
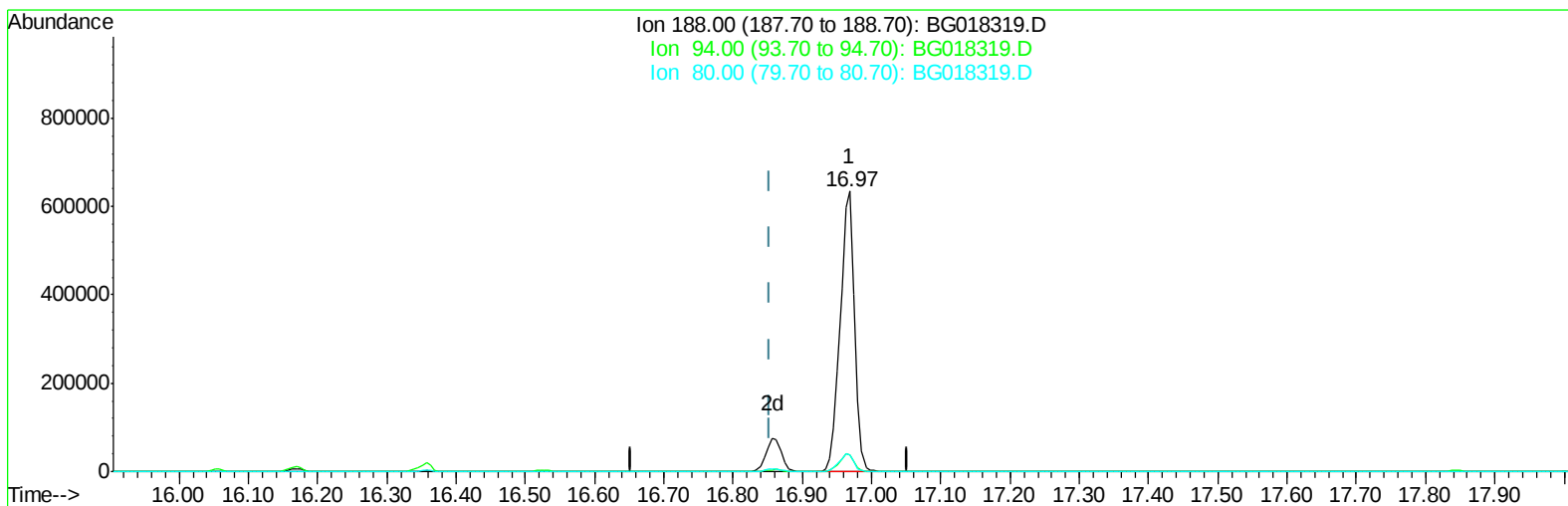
14.260min (+0.015) 190.00ng/ul m

response 87731

Ion	Exp%	Act%
184.00	100	100
63.00	61.40	93.90#
154.00	62.00	87.08#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(62) Phenanthrene-d10 (I)

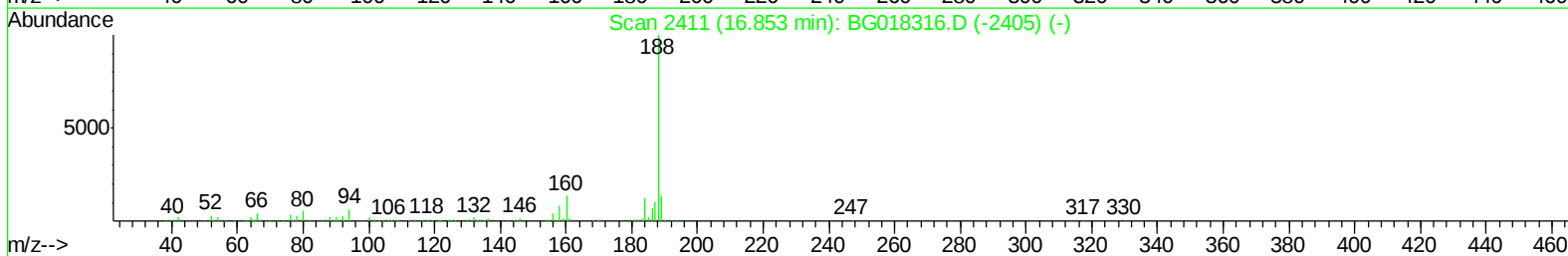
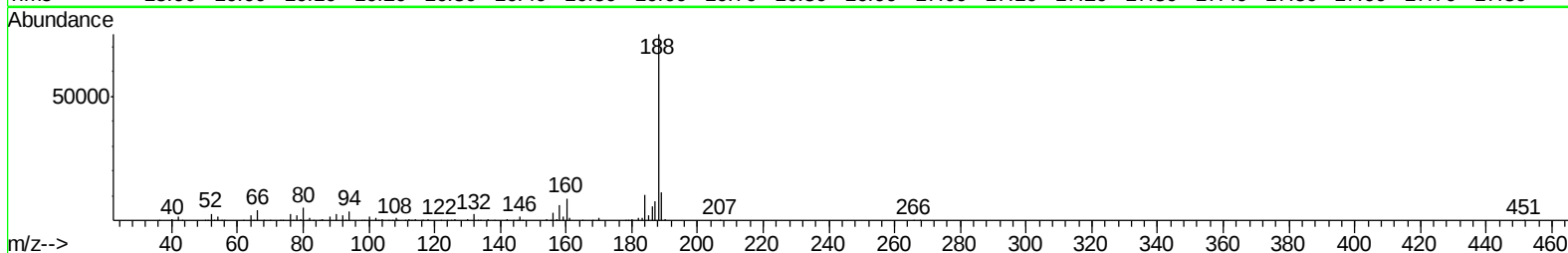
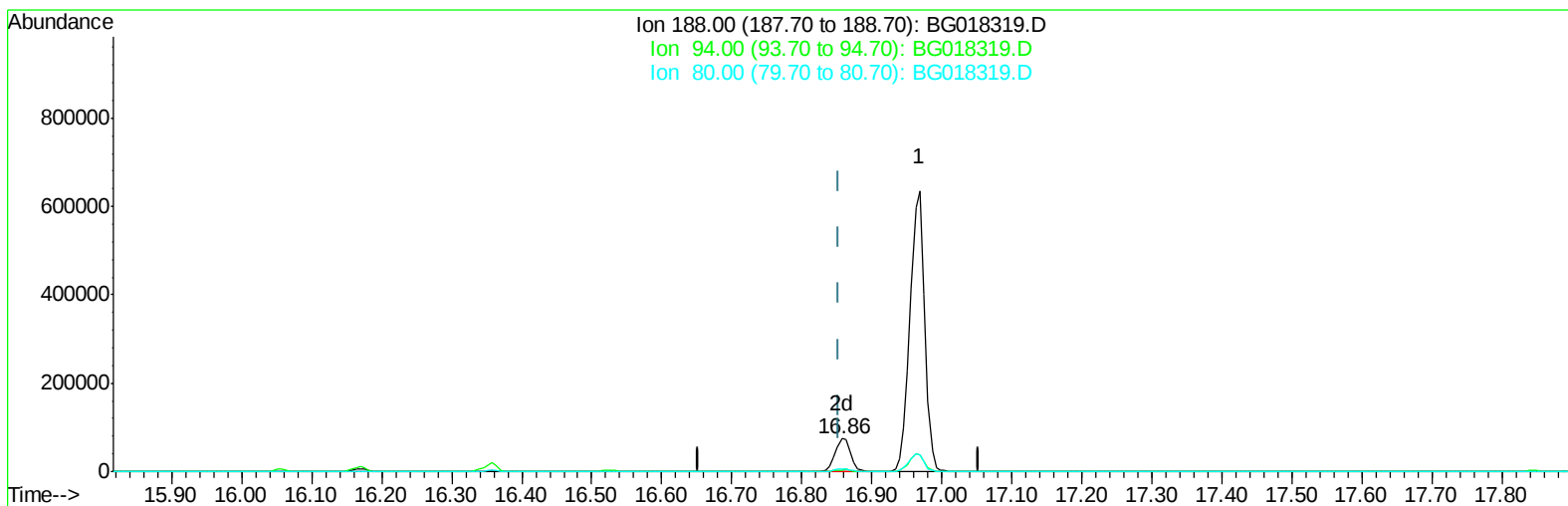
16.968min (+0.115) 20.00ng/ul

response 927955

Ion	Exp%	Act%
188.00	100	100
94.00	6.70	5.88
80.00	5.50	5.93
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(62) Phenanthrene-d10 (I)

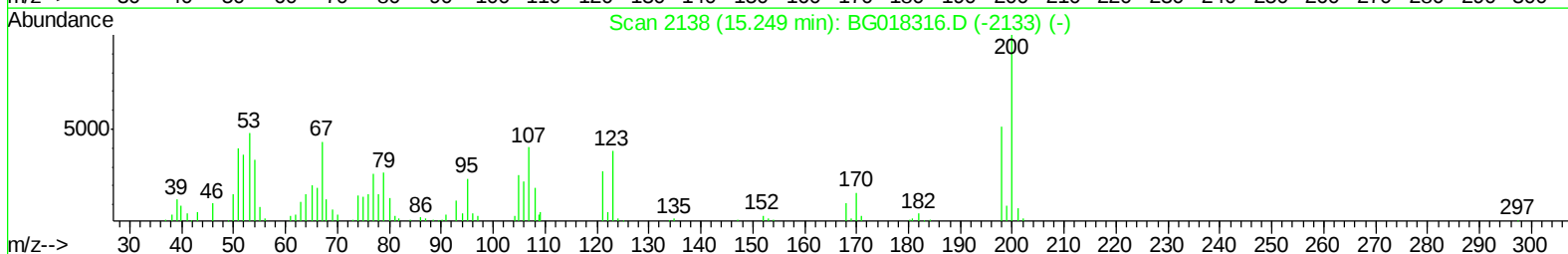
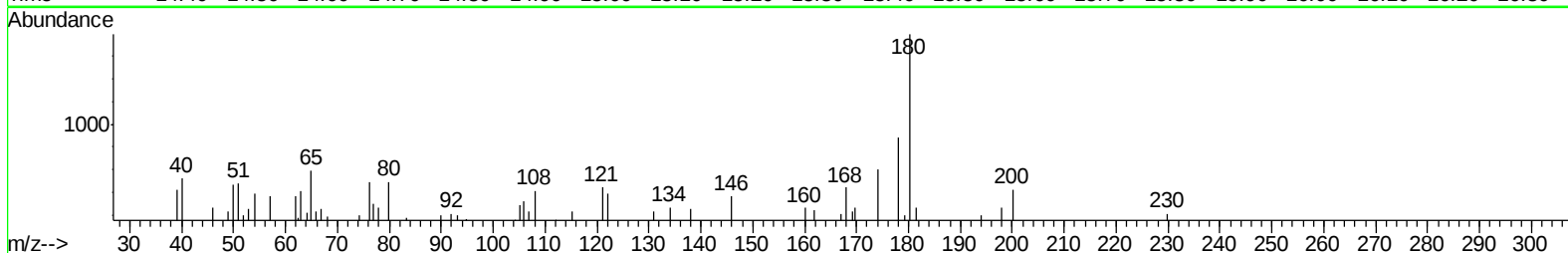
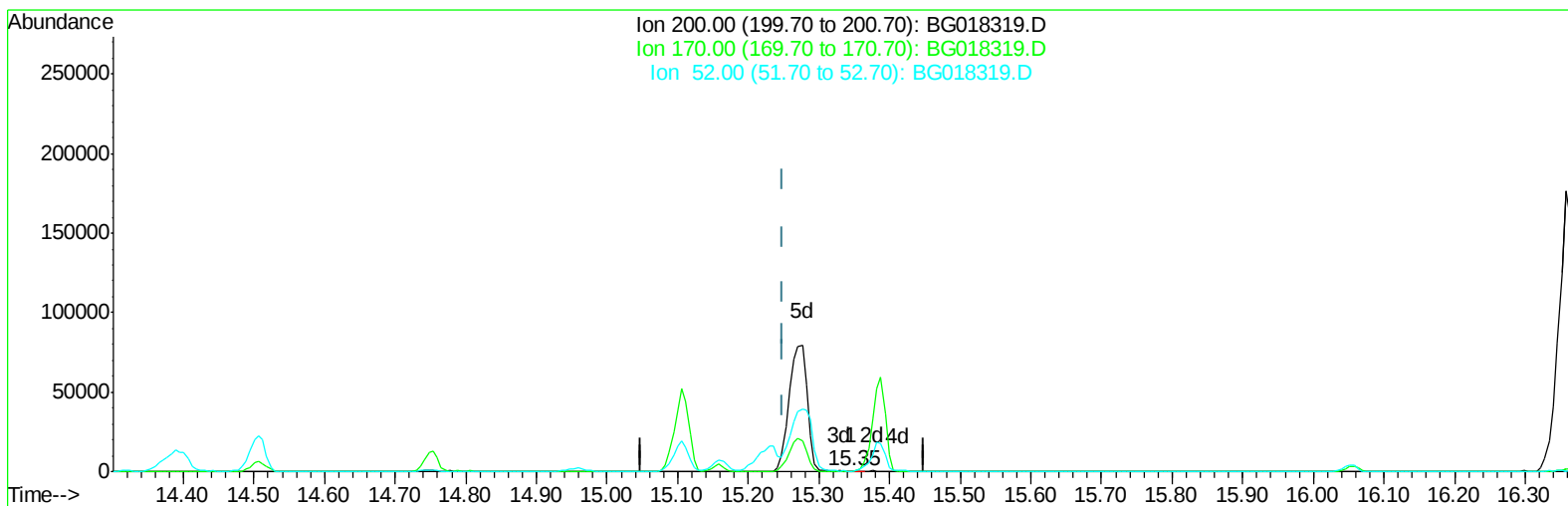
16.857min (+0.004) 20.00ng/ul m

response 114073

Ion	Exp%	Act%
188.00	100	100
94.00	6.70	5.33#
80.00	5.50	7.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

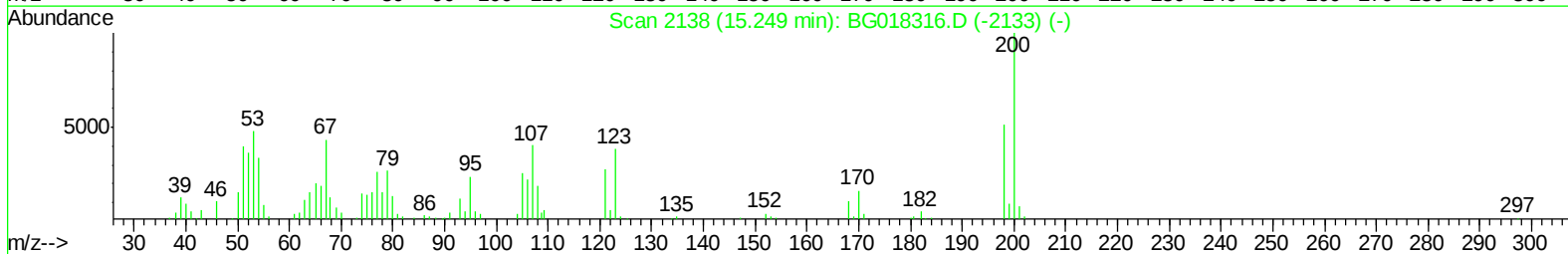
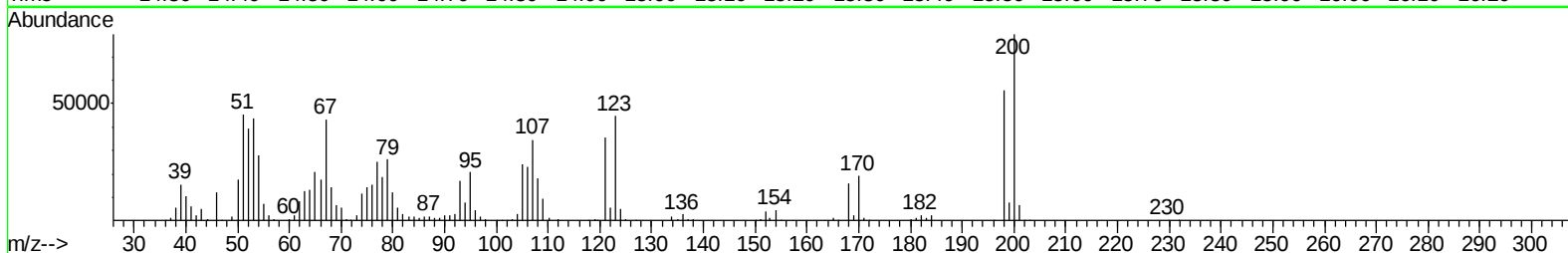
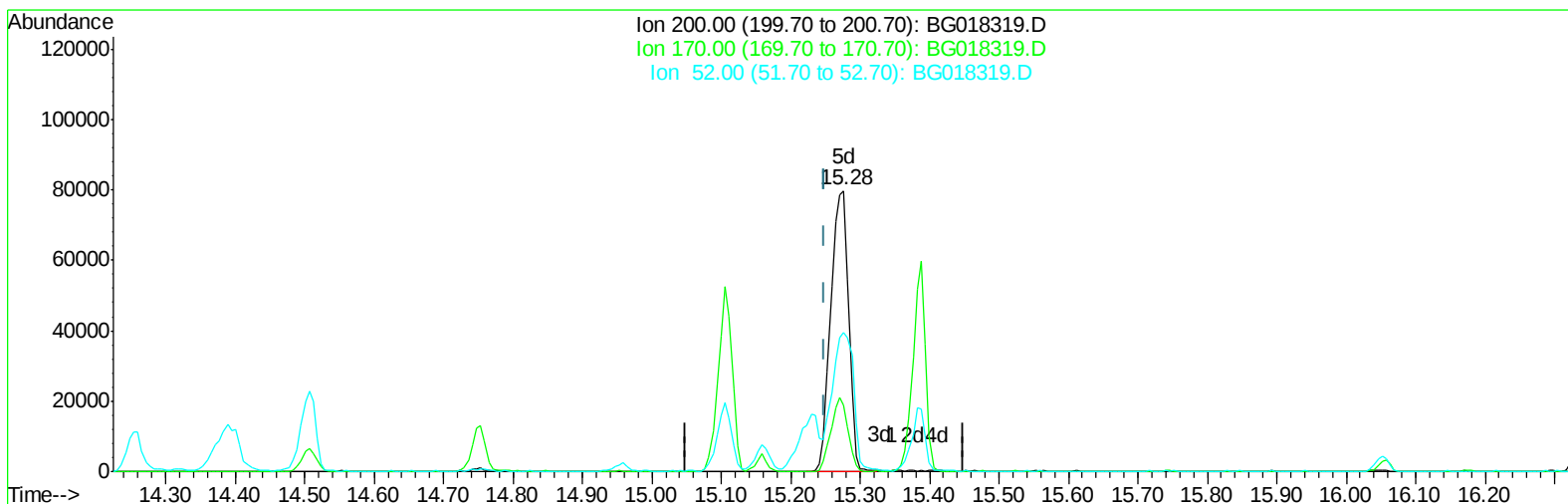
15.347min (+0.098) 0.52ng/ul

response 438

Ion	Exp%	Act%
200.00	100	100
170.00	17.90	62.85#
52.00	39.00	45.56
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

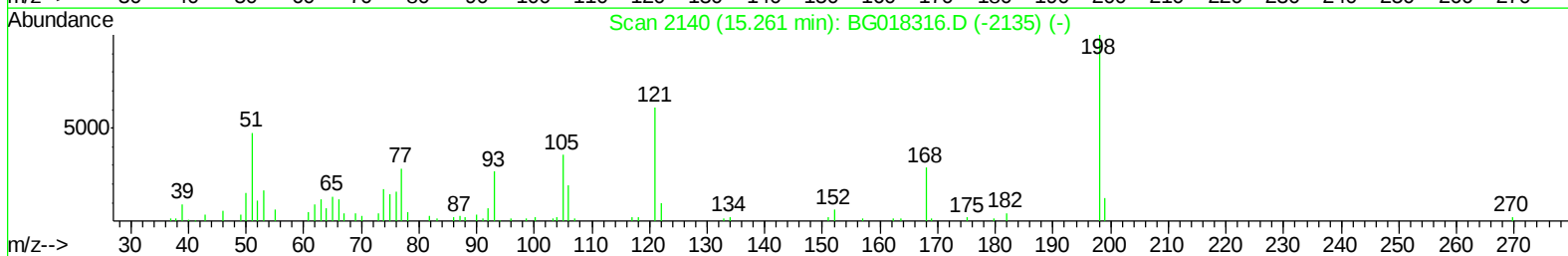
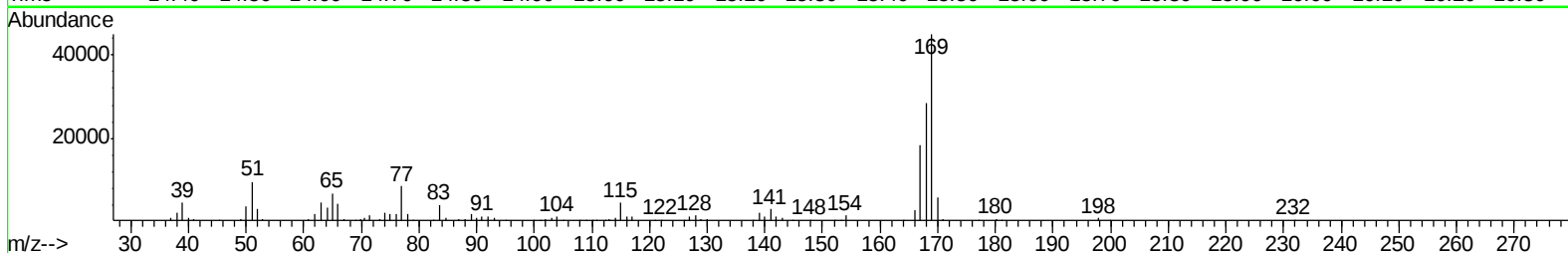
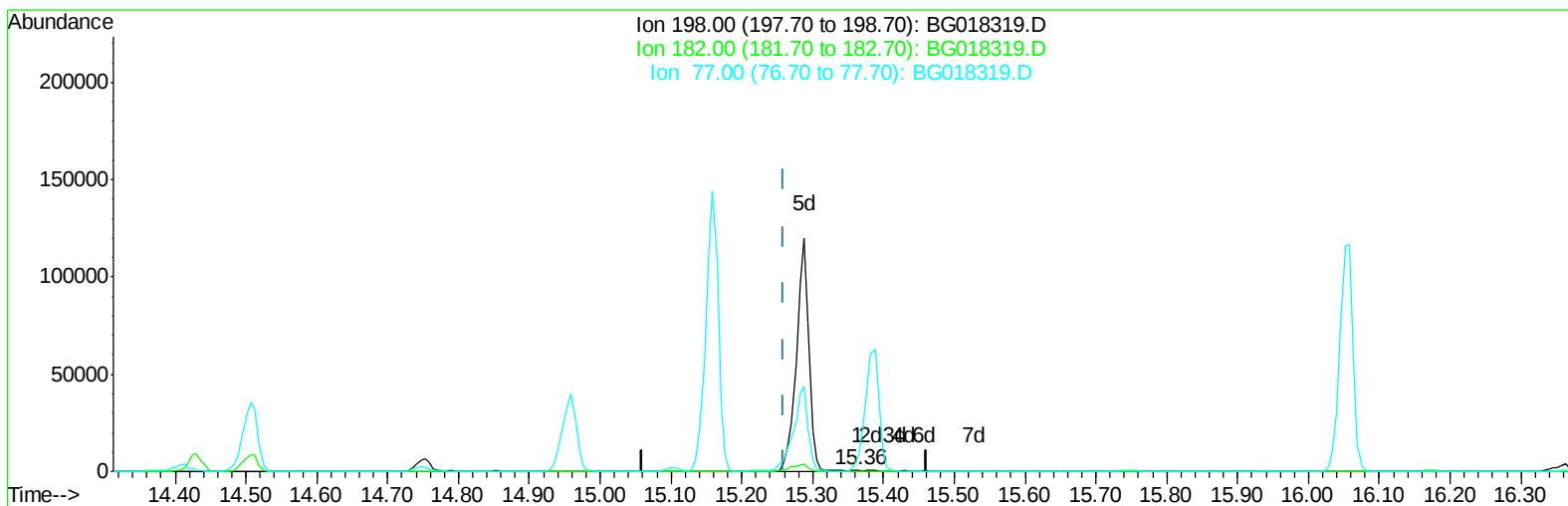
15.276min (+0.027) 169.48ng/ul m

response 143313

Ion	Exp%	Act%
200.00	100	100
170.00	17.90	23.82#
52.00	39.00	49.59#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(64) 4,6-Dinitro-2-methylphenol

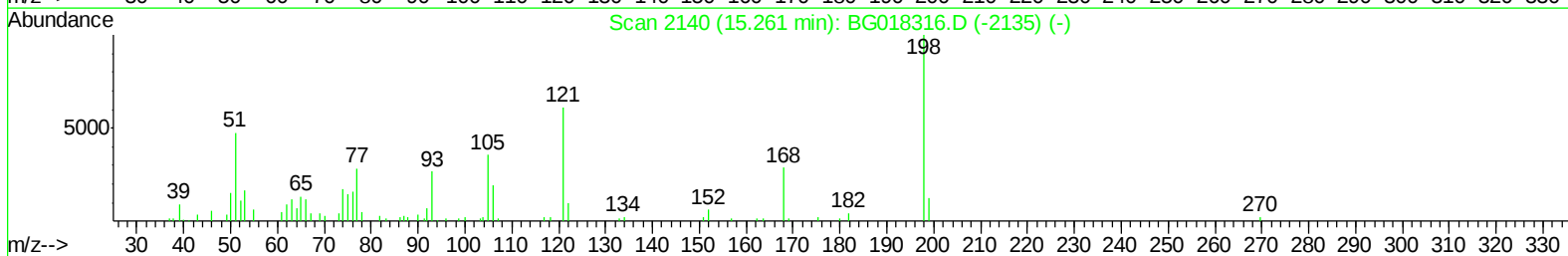
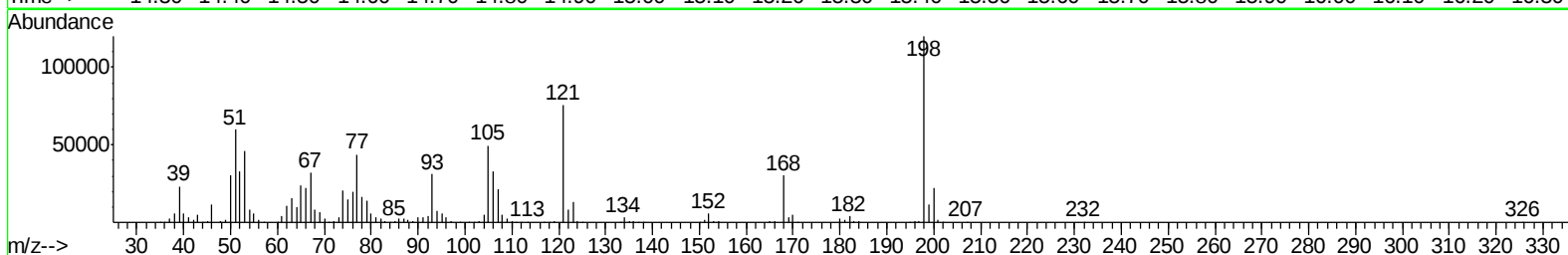
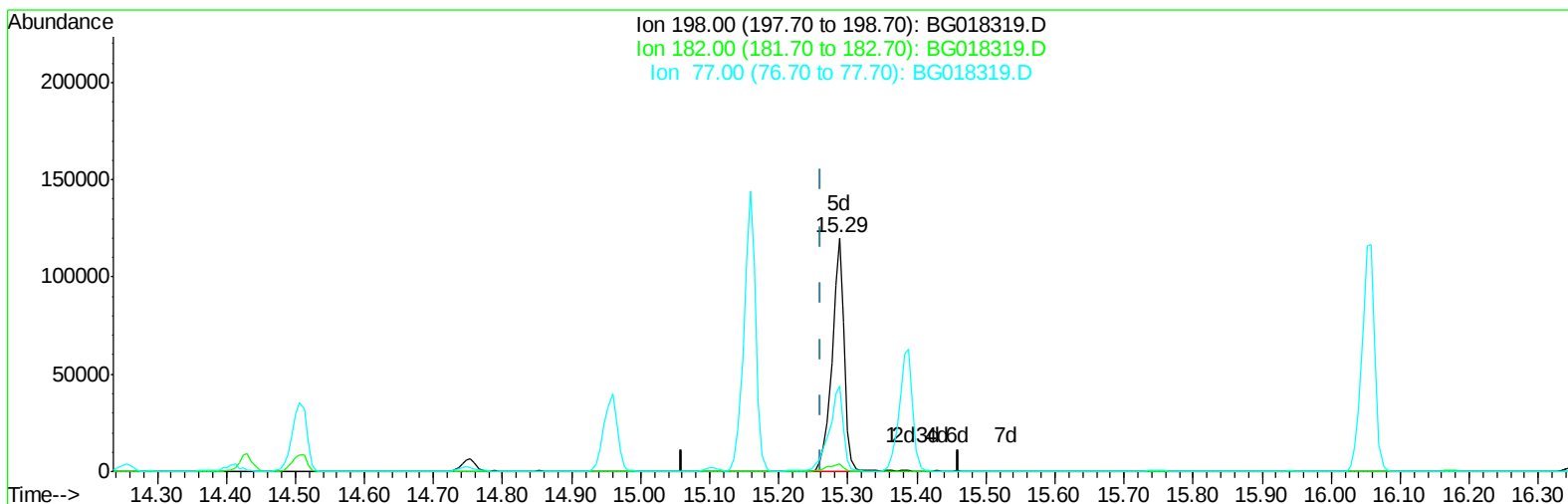
15.364min (+0.104) 0.83ng/ul

response 712

Ion	Exp%	Act%
198.00	100	100
182.00	4.40	0.00#
77.00	31.80	1161.30#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(64) 4,6-Dinitro-2-methylphenol

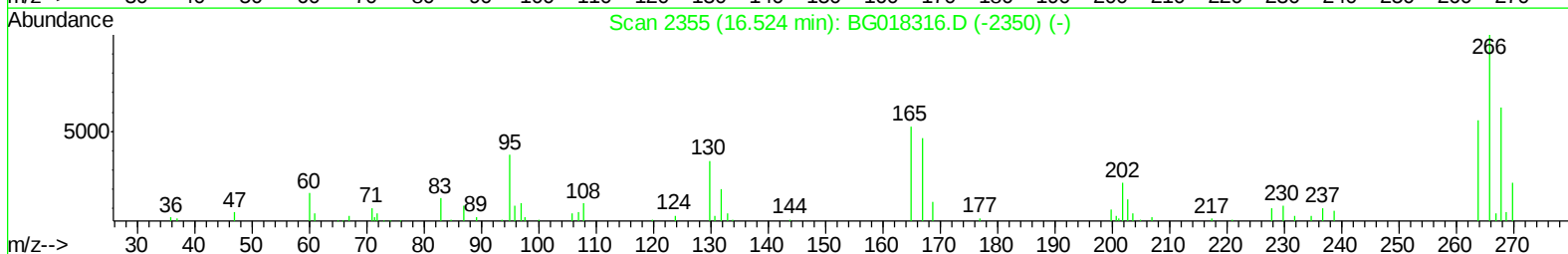
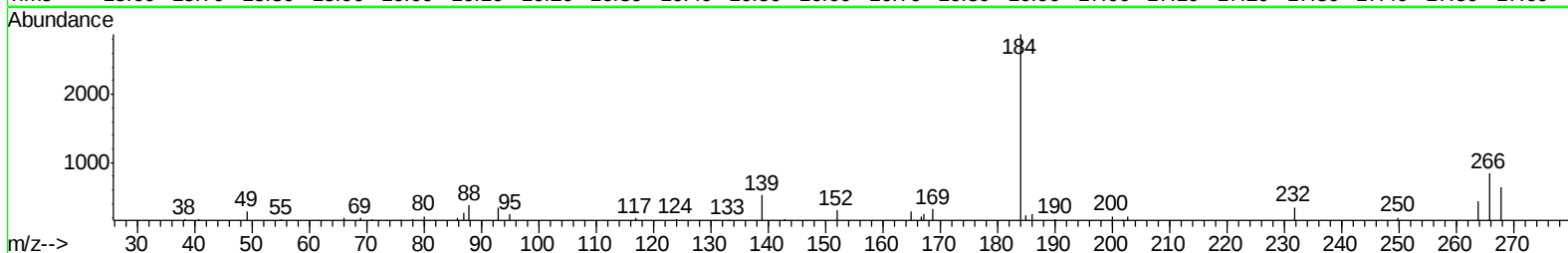
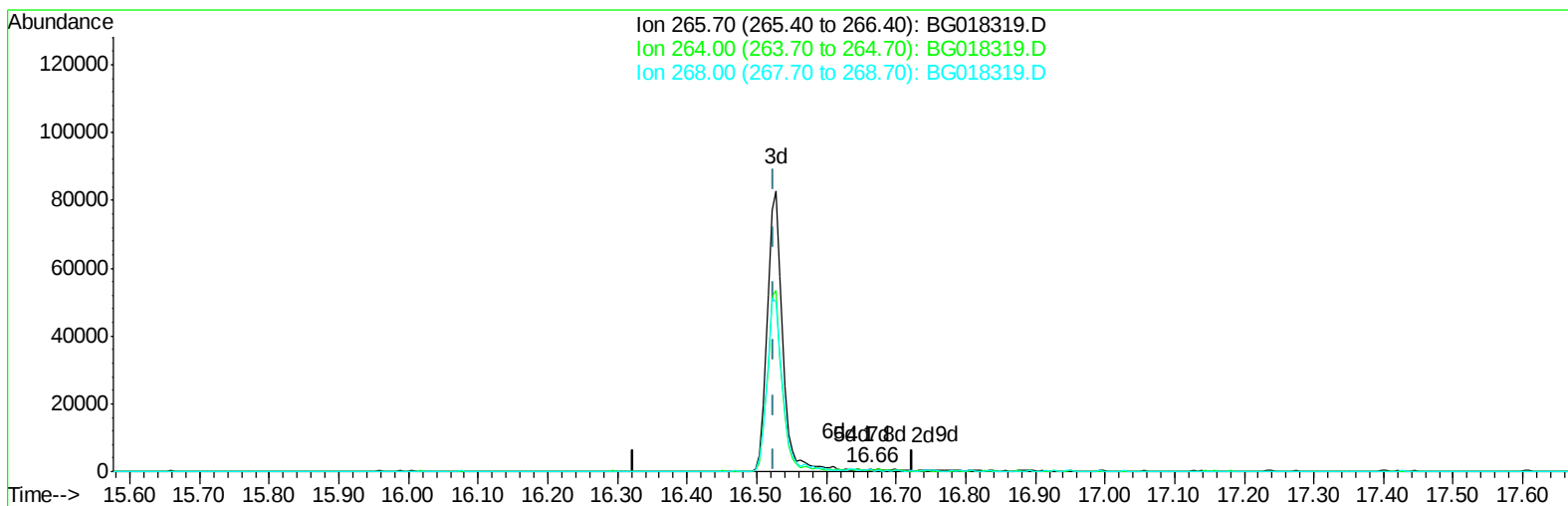
15.288min (+0.027) 173.97ng/ul m

response 149166

Ion	Exp%	Act%
198.00	100	100
182.00	4.40	3.27#
77.00	31.80	36.45
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(69) Pentachlorophenol (C)

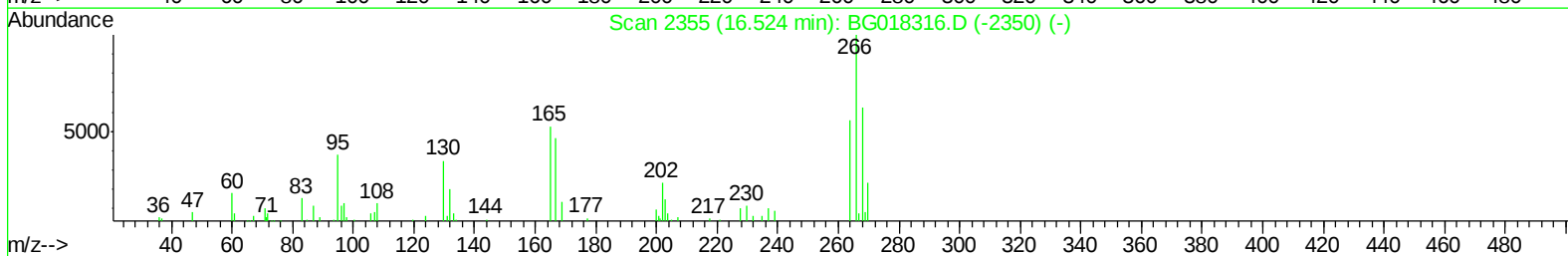
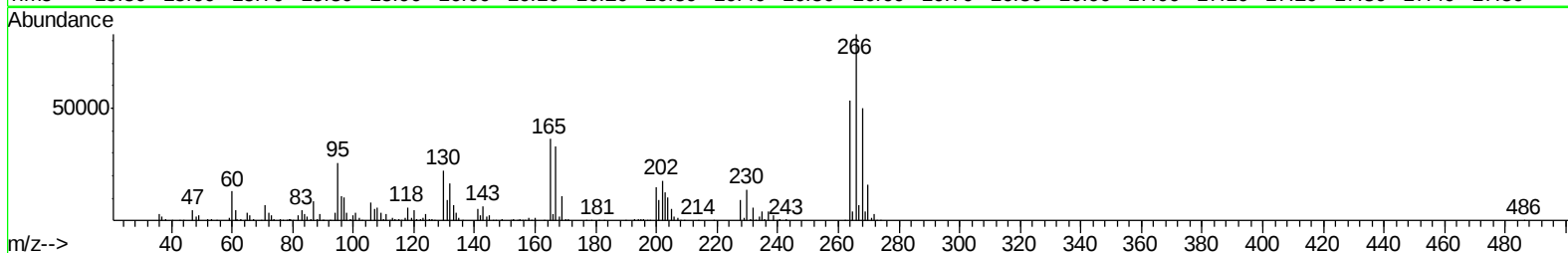
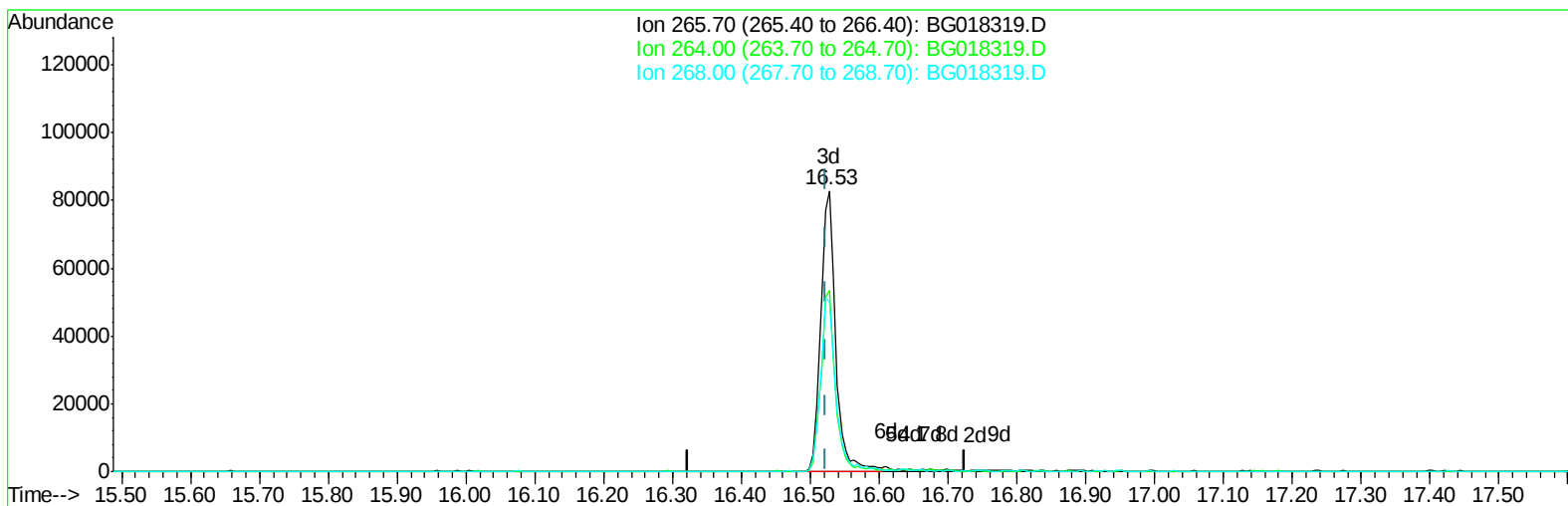
16.663min (+0.139) 0.34ng/ul

response 198

Ion	Exp%	Act%
265.70	100	100
264.00	55.90	51.61
268.00	70.70	76.46
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 01:47:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration



TIC: BG018319.D

(69) Pentachlorophenol (C)

16.528min (+0.004) 216.32ng/ul m

response 124833

Ion	Exp%	Act%
265.70	100	100
264.00	55.90	64.66
268.00	70.70	60.51
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018320.D
 Acq On : 8 Aug 2015 8:25
 Operator : UM/TP
 Sample : G3073-01DL 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 10 02:07:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	12866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	57682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	43503	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	103002	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	94120	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	94072	20.00	ng/ul	0.00

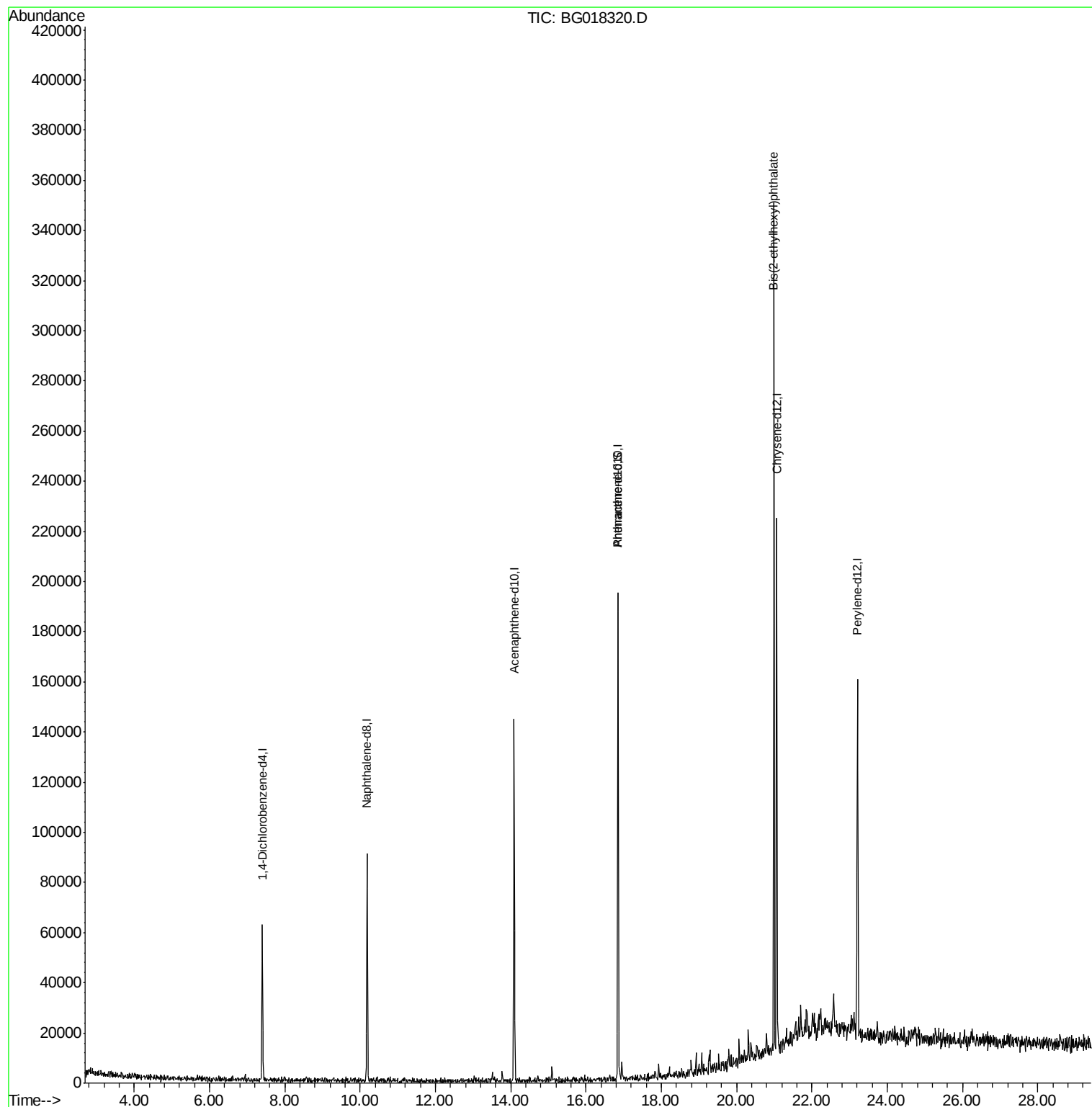
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.60	99	92	0.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	62	0.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	410	0.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	83	0.08	ng/ul	0.08
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.83	165	55	0.05	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.50	166	1883	0.43	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	2346	0.48	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.10	176	1946	0.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.85	188	103002	18.53	ng/ul	-0.10
79) Pyrene-d10	19.26	212	3347	0.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1977	0.32	ng/ul	-0.01

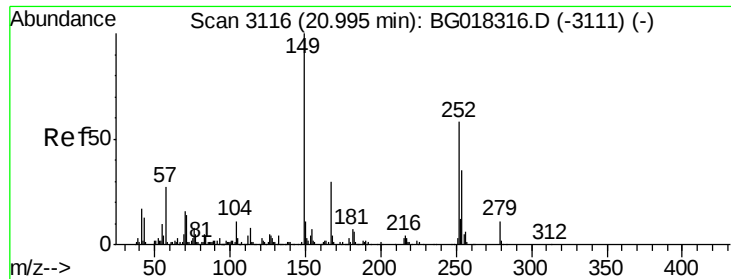
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
84) Bis(2-ethylhexyl)phthalate	21.00	149	110508	27.23	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018320.D
Acq On : 8 Aug 2015 8:25
Operator : UM/TP
Sample : G3073-01DL 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

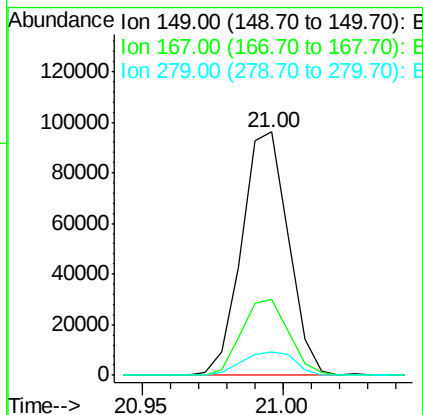
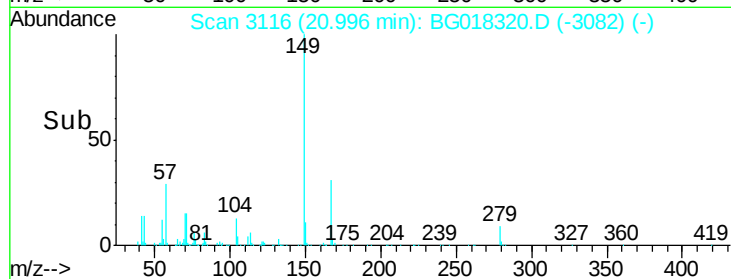
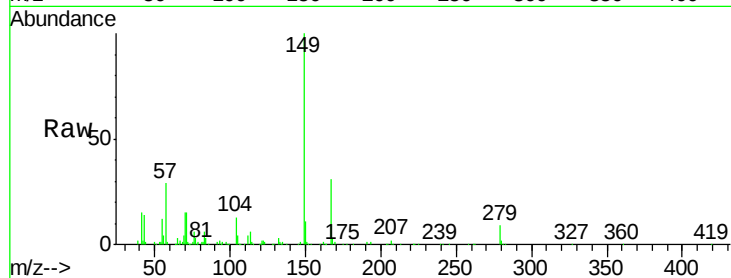
Quant Time: Aug 10 02:07:14 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 27.23 ng/ul
 RT: 21.00 min Scan# 3116
 Delta R.T. 0.00 min
 Lab File: BG018320.D
 Acq: 8 Aug 2015 8:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.2	36.4
279	9.4	8.4	12.6



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018321.D
 Acq On : 8 Aug 2015 9:00
 Operator : UM/TP
 Sample : G3095-08DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 10 02:07:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	13444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	65824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	43417	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	95870	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	72900	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	70232	20.00	ng/ul	0.00

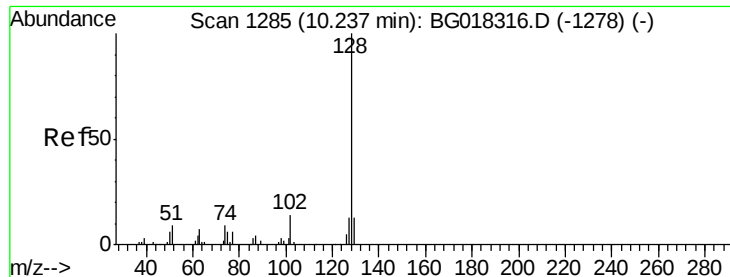
System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.62	99	3455	2.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	1843	2.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	2728	2.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	2826	2.65	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	1364	2.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	1662	2.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	3080	2.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	1367	0.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	12432	2.84	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	14477	2.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	499	0.90	ng/ul	0.02
58) Fluorene-d10	15.09	176	12142	3.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	1223	1.73	ng/ul	0.00
71) Anthracene-d10	16.95	188	15056	2.91	ng/ul	0.00
79) Pyrene-d10	19.27	212	14137	3.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	12253	2.70	ng/ul	0.00

Target Compounds

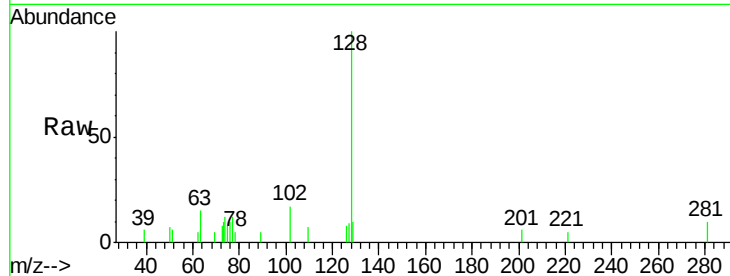
						Qvalue
28) Naphthalene	10.23	128	4785	1.27	ng/ul#	91
48) Acenaphthylene	13.81	152	6963	1.44	ng/ul	94
50) Acenaphthene	14.15	153	8223	2.53	ng/ul#	89
54) Dibenzofuran	14.49	168	5561	1.16	ng/ul	96
59) Fluorene	15.15	166	10217	2.46	ng/ul	88
70) Phenanthrene	16.89	178	199715	33.31	ng/ul	98
72) Anthracene	16.99	178	41059	6.81	ng/ul	99
75) Carbazole	17.26	167	11405	2.45	ng/ul#	93
77) Fluoranthene	18.93	202	334741	51.20	ng/ul#	98
80) Pyrene	19.29	202	321129	60.44	ng/ul	98
83) Benzo(a)anthracene	21.05	228	134189	27.04	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.00	149	128877	41.00	ng/ul#	96
85) Chrysene	21.10	228	129591	28.23	ng/ul#	91
88) Benzo(b)fluoranthene	22.58	252	160402	30.15	ng/ul#	89
89) Benzo(k)fluoranthene	22.58	252	160402	31.56	ng/ul	92
91) Benzo(a)pyrene	23.03	252	78096	16.30	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.38	276	95408	16.30	ng/ul	98
93) Dibenzo(a,h)anthracene	25.37	278	14083	2.76	ng/ul	96
94) Benzo(g,h,i)perylene	26.05	276	89347	18.74	ng/ul	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

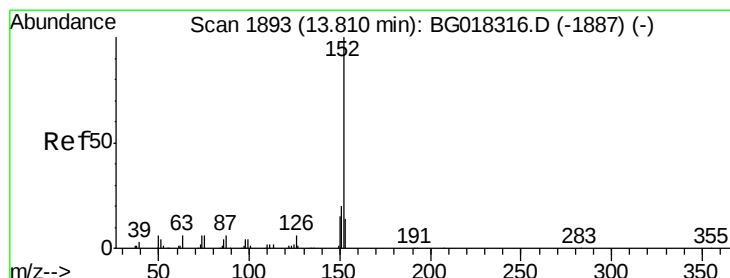
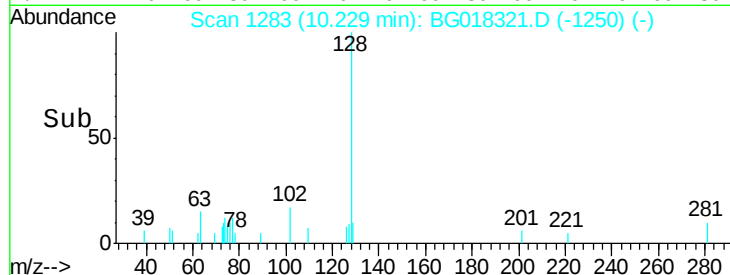
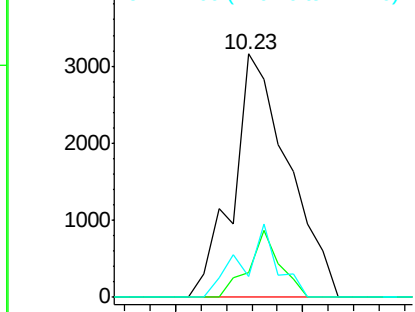


#28
Naphthalene
Concen: 1.27 ng/ul
RT: 10.23 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG018321.D
Acq: 8 Aug 2015 9:00

Tgt Ion:128 Resp: 4785
Ion Ratio Lower Upper
128 100
129 10.1 10.2 15.2#
127 8.8 10.8 16.2#

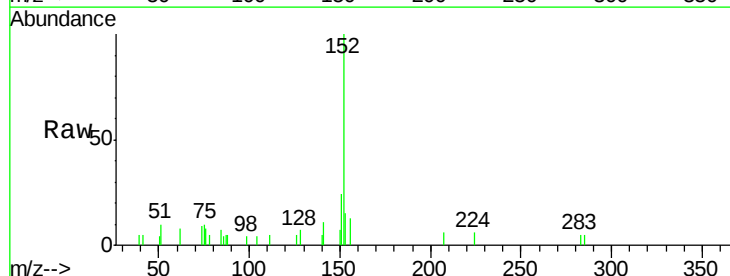


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

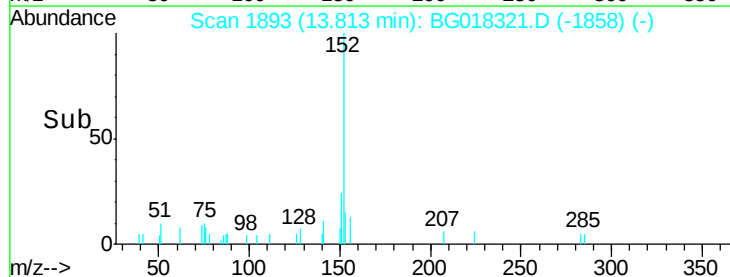
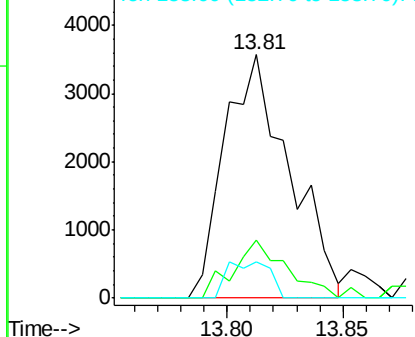


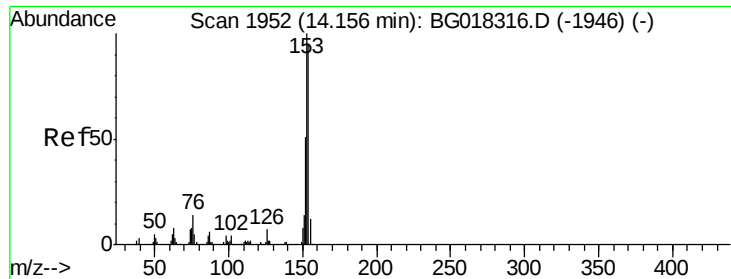
#48
Acenaphthylene
Concen: 1.44 ng/ul
RT: 13.81 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG018321.D
Acq: 8 Aug 2015 9:00

Tgt Ion:152 Resp: 6963
Ion Ratio Lower Upper
152 100
151 23.6 15.9 23.9
153 15.1 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 2.53 ng/ul

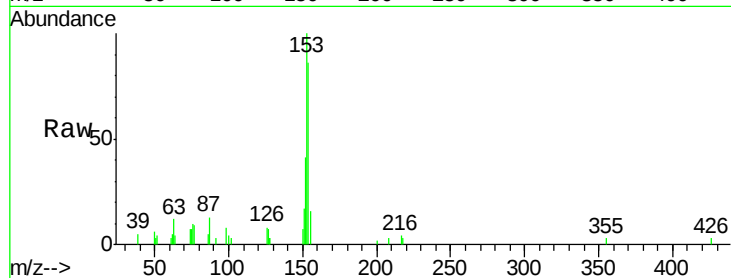
RT: 14.15 min Scan# 1951

Delta R.T. -0.00 min

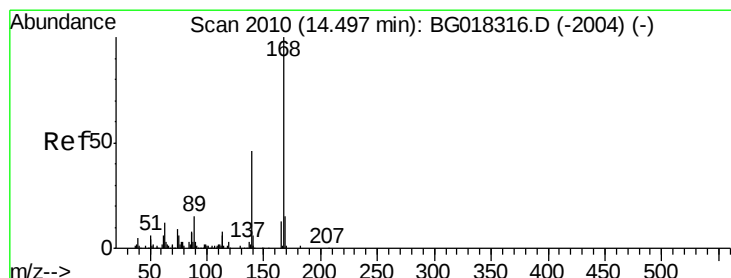
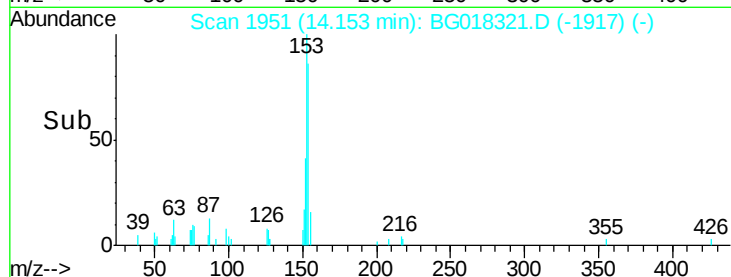
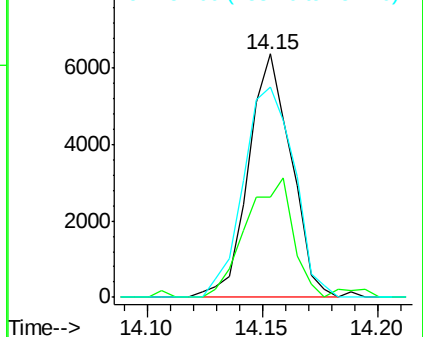
Lab File: BG018321.D

Acq: 8 Aug 2015 9:00

Tgt Ion:	153	Resp:	8223
Ion	Ratio	Lower	Upper
153	100		
152	41.1	41.1	61.7#
154	86.2	76.2	114.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.16 ng/ul

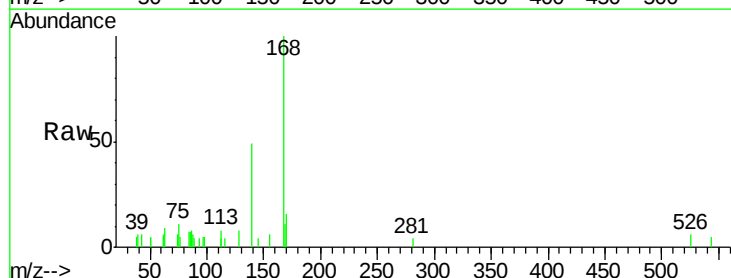
RT: 14.49 min Scan# 2009

Delta R.T. -0.00 min

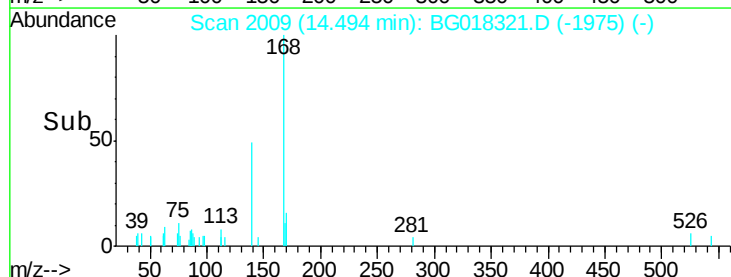
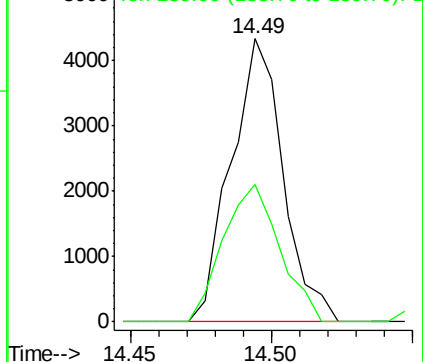
Lab File: BG018321.D

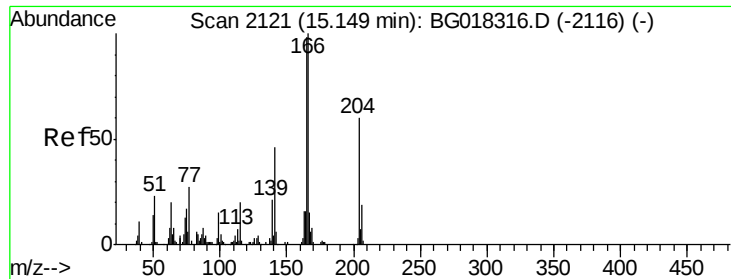
Acq: 8 Aug 2015 9:00

Tgt Ion:	168	Resp:	5561
Ion	Ratio	Lower	Upper
168	100		
139	48.7	36.6	55.0



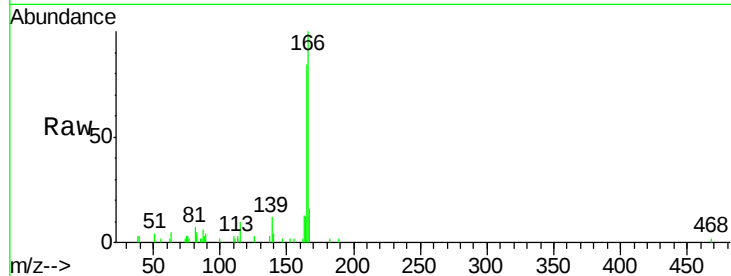
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E



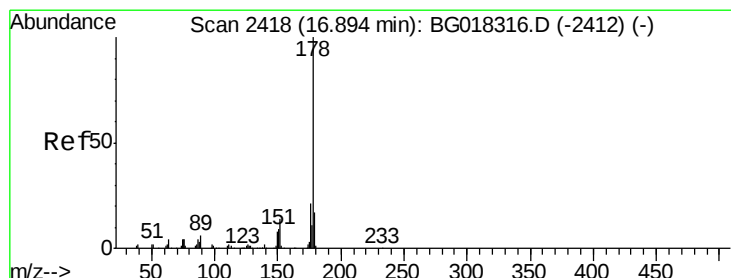
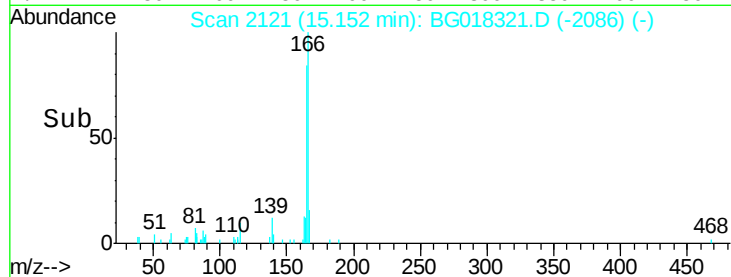
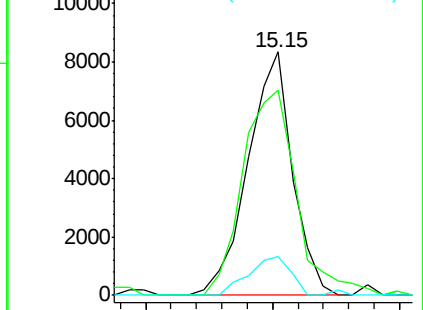


#59
 Fluorene
 Concen: 2.46 ng/ul
 RT: 15.15 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BG018321.D
 Acq: 8 Aug 2015 9:00

Tgt Ion	Resp	Lower	Upper
166	10217		
165	84.4	78.5	117.7
167	16.2	11.9	17.9

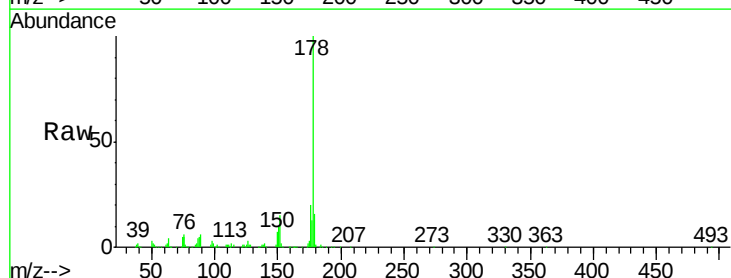


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

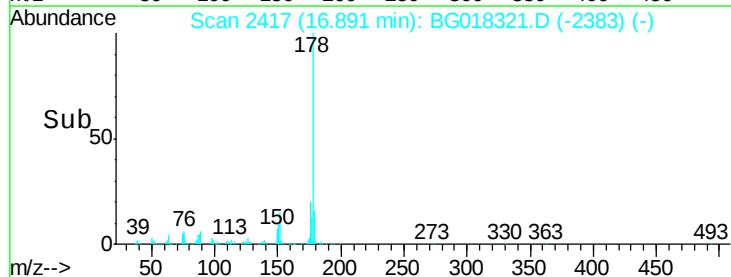
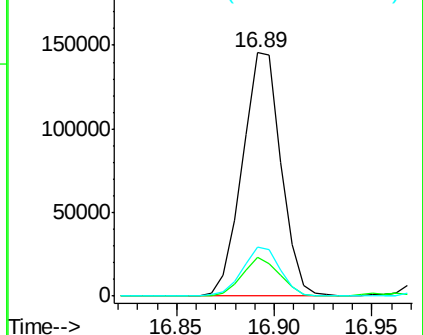


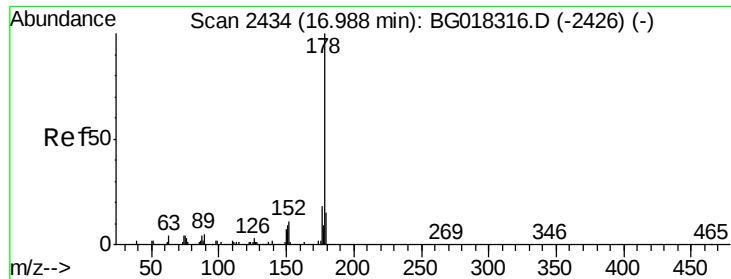
#70
 Phenanthrene
 Concen: 33.31 ng/ul
 RT: 16.89 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BG018321.D
 Acq: 8 Aug 2015 9:00

Tgt Ion	Resp	Lower	Upper
178	199715		
179	15.8	13.4	20.2
176	19.9	16.7	25.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 6.81 ng/ul

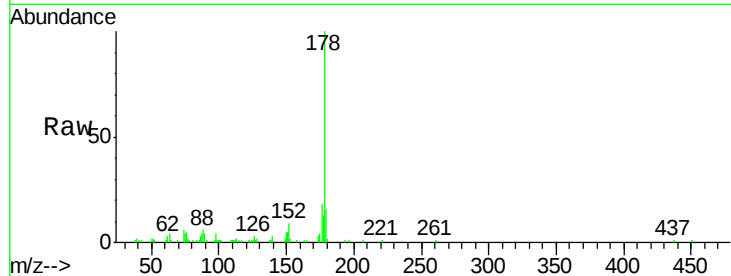
RT: 16.99 min Scan# 2433

Delta R.T. -0.00 min

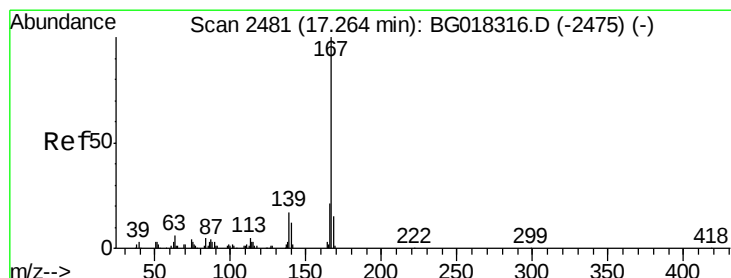
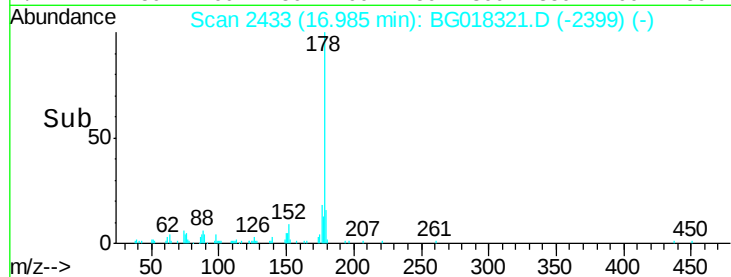
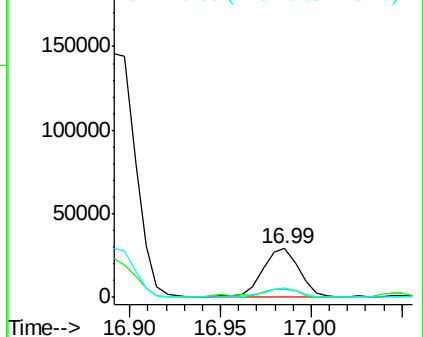
Lab File: BG018321.D

Acq: 8 Aug 2015 9:00

Tgt Ion:	178	Resp:	41059
Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	18.2	14.7	22.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 2.45 ng/ul

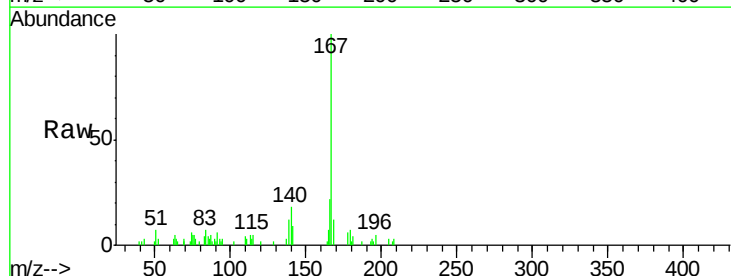
RT: 17.26 min Scan# 2480

Delta R.T. -0.00 min

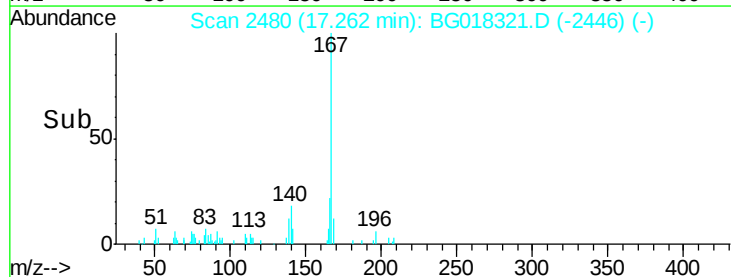
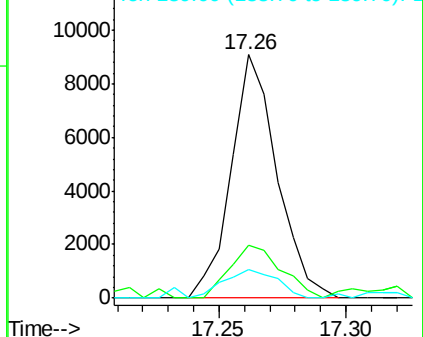
Lab File: BG018321.D

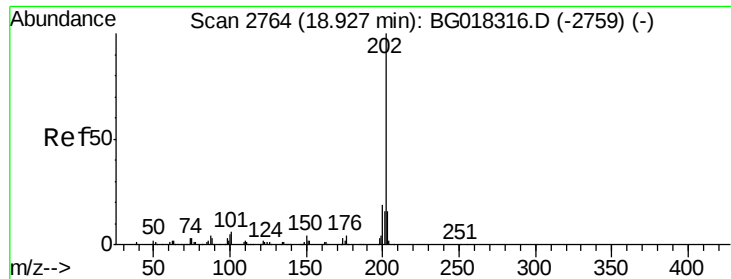
Acq: 8 Aug 2015 9:00

Tgt Ion:	167	Resp:	11405
Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.5	24.7
139	11.6	13.4	20.2#



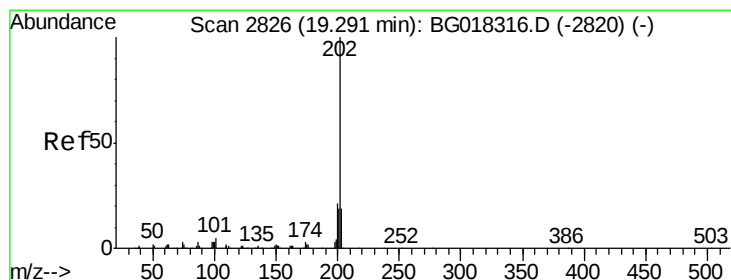
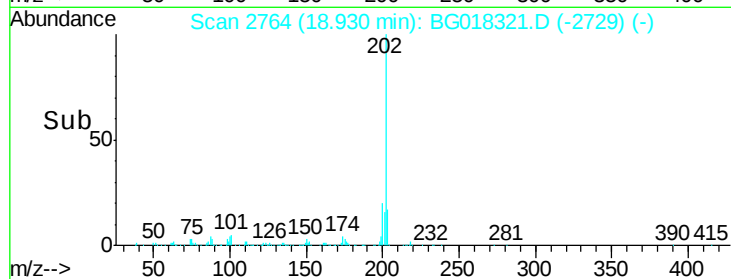
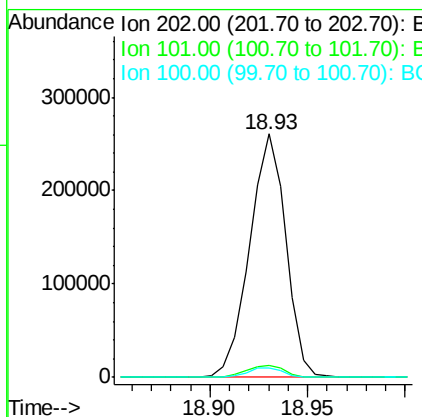
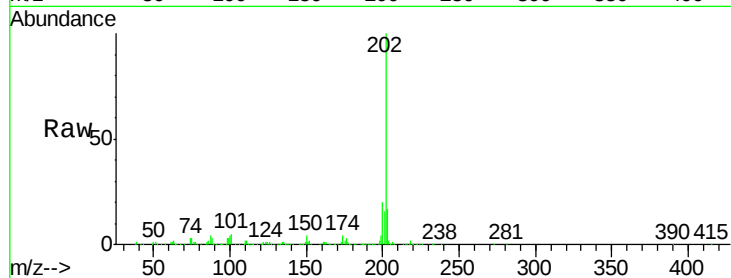
Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





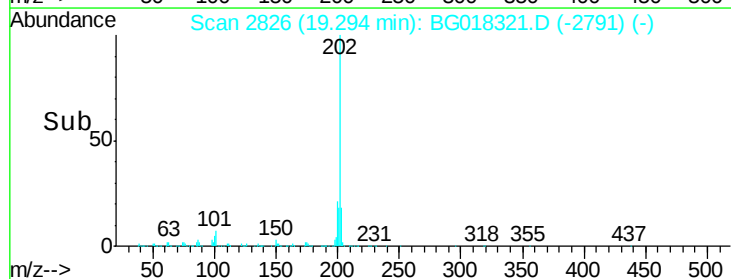
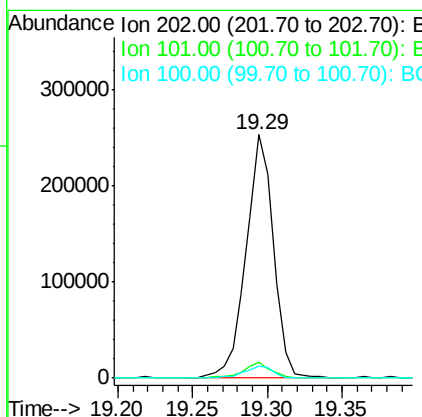
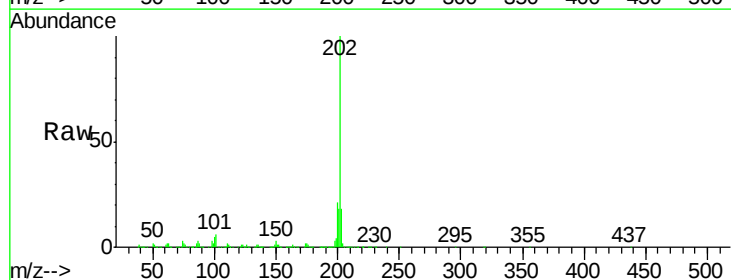
#77
Fluoranthene
 Concen: 51.20 ng/ul
 RT: 18.93 min Scan# 2764
 Delta R.T. 0.00 min
 Lab File: BG018321.D
 Acq: 8 Aug 2015 9:00

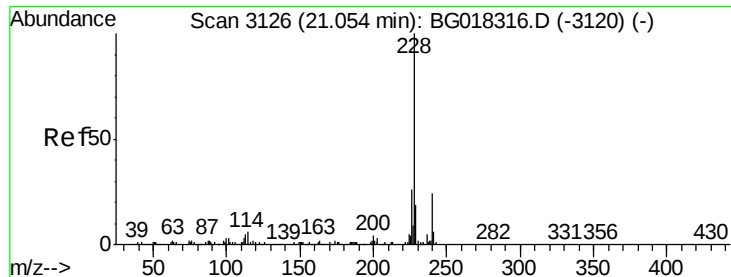
Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.5	6.7
100	3.9	3.9	5.9#



#80
Pyrene
 Concen: 60.44 ng/ul
 RT: 19.29 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BG018321.D
 Acq: 8 Aug 2015 9:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.4	6.6
100	4.7	3.8	5.8





#83

Benzo(a)anthracene

Concen: 27.04 ng/ul

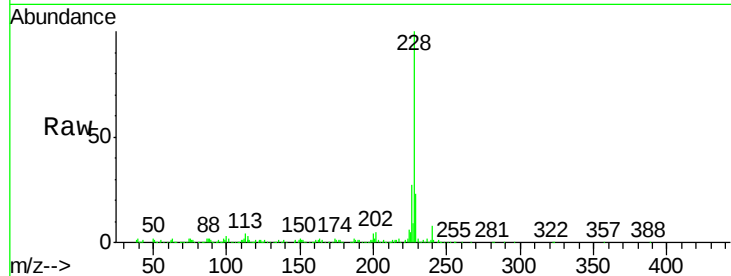
RT: 21.05 min Scan# 3125

Delta R.T. -0.00 min

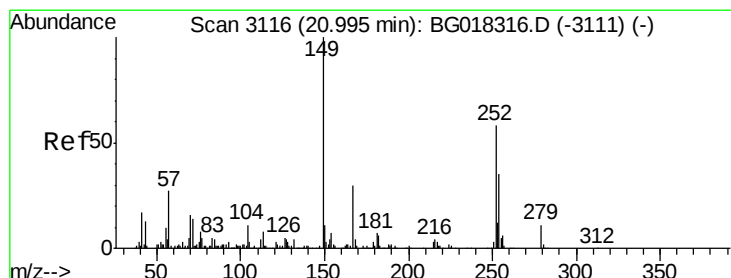
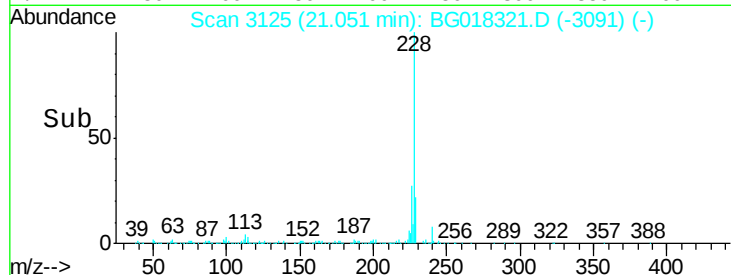
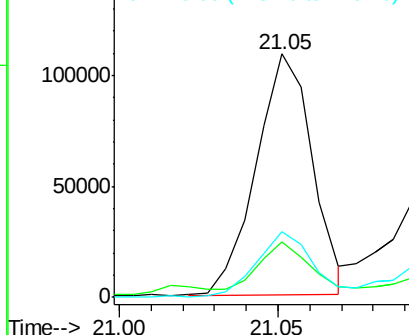
Lab File: BG018321.D

Acq: 8 Aug 2015 9:00

Tgt Ion:	228	Resp:	134189
Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.4	23.2
226	26.9	20.9	31.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.00 ng/ul

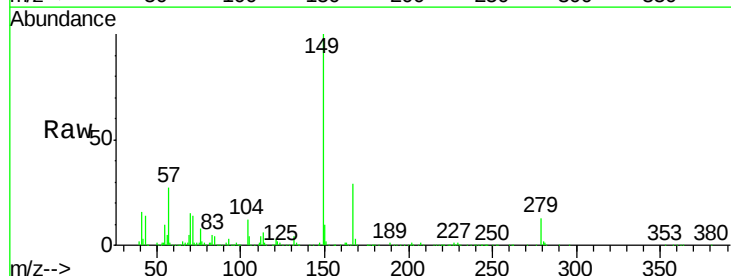
RT: 21.00 min Scan# 3116

Delta R.T. 0.00 min

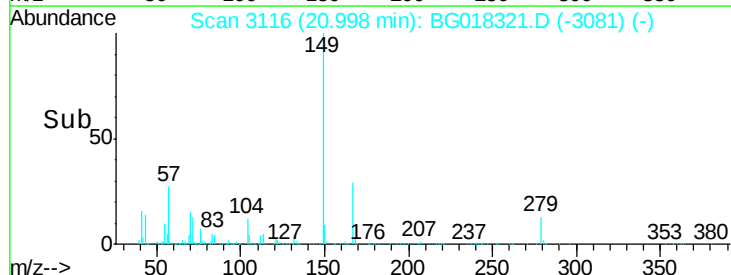
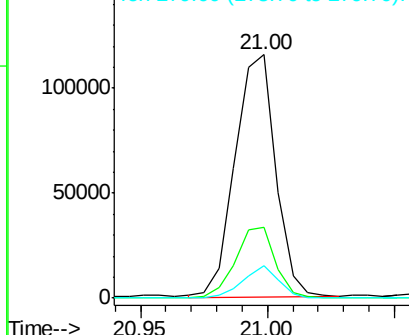
Lab File: BG018321.D

Acq: 8 Aug 2015 9:00

Tgt Ion:	149	Resp:	128877
Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.2	36.4
279	13.2	8.4	12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018322.D
 Acq On : 8 Aug 2015 9:35
 Operator : UM/TP
 Sample : G3095-13DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

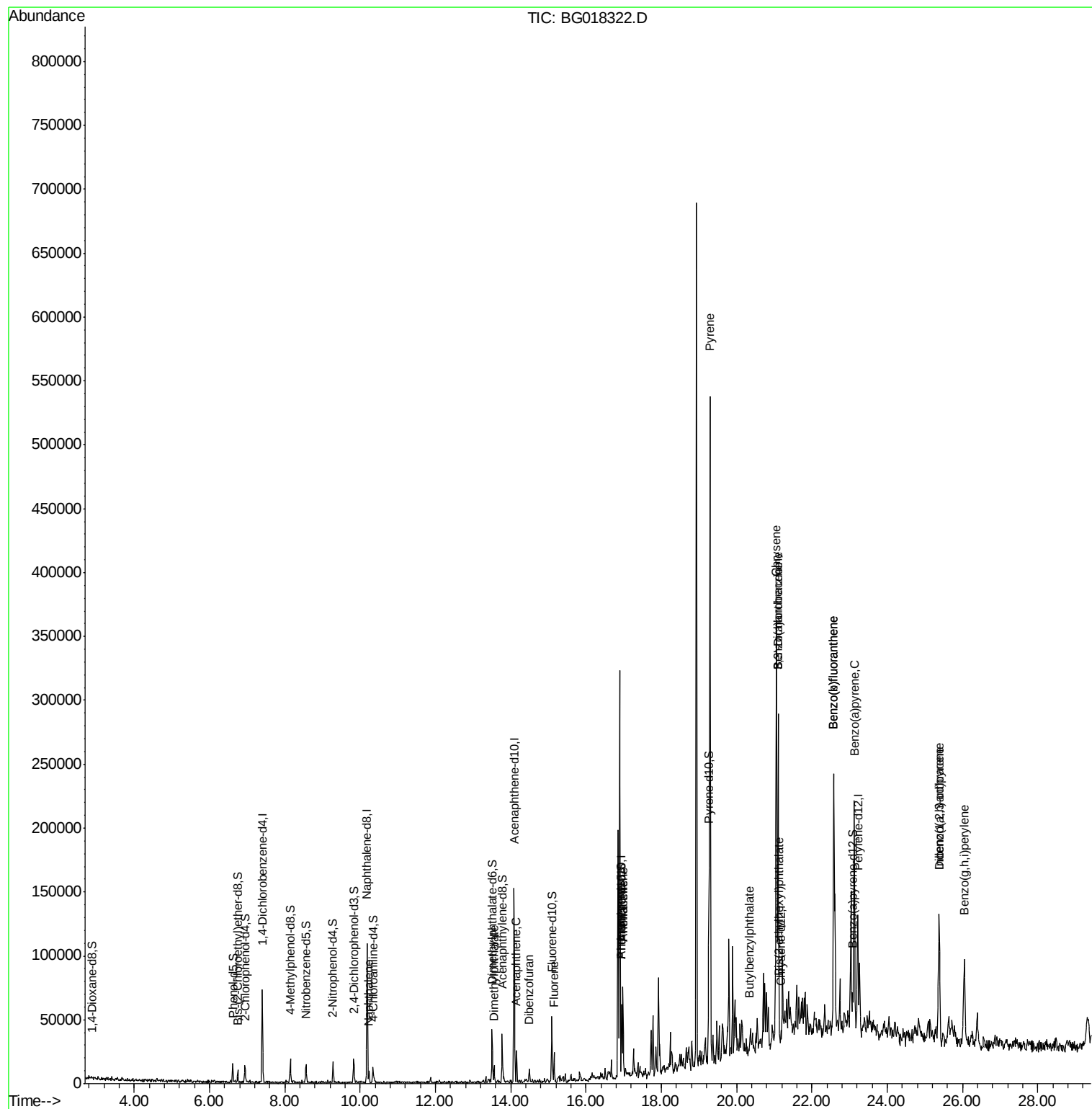
Quant Time: Aug 10 02:07:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

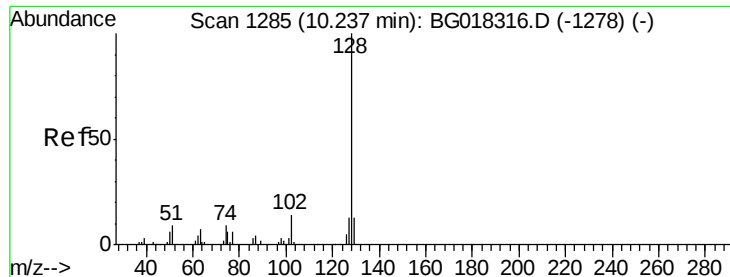
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	15051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	69312	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	47486	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	24672	20.00	ng/ul	0.09
78) Chrysene-d12	21.19	240	183	20.00	ng/ul	0.12
86) Perylene-d12	23.22	264	60927	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.87	96	315	1.12	ng/uL	0.00
5) Phenol-d5	6.61	99	6887	4.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	3625	4.51	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	5254	4.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	5620	4.70	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	2982	4.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	2873	3.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	4796	3.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	4754	3.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	20924	4.37	ng/ul	0.00
47) Acenaphthylene-d8	13.77	160	22261	4.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	315	0.52	ng/ul	0.01
58) Fluorene-d10	15.10	176	17954	4.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.95	188	24672	18.53	ng/ul	0.00
79) Pyrene-d10	19.26	212	21412	2022.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	16777	4.26	ng/ul	0.00
Target Compounds				Qvalue		
28) Naphthalene	10.23	128	5067	1.27	ng/ul#	91
45) Dimethylphthalate	13.55	163	7094	1.51	ng/ul#	79
50) Acenaphthene	14.15	153	7730	2.17	ng/ul	96
54) Dibenzofuran	14.49	168	5274	1.01	ng/ul	96
59) Fluorene	15.15	166	8096	1.78	ng/ul	89
70) Phenanthrene	16.98	178	34023	22.05	ng/ul	99
72) Anthracene	16.98	178	34330	22.12	ng/ul	96
80) Pyrene	19.30	202	297147	22277.15	ng/ul	99
81) Butylbenzylphthalate	20.33	149	341	58.50	ng/ul#	62
82) 3,3'-Dichlorobenzidine	21.11	252	1111	233.70	ng/ul#	1
83) Benzo(a)anthracene	21.10	228	122468	9831.80	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.14	149	134	16.98	ng/ul#	51
85) Chrysene	21.05	228	106470	9239.50	ng/ul	96
88) Benzo(b)fluoranthene	22.58	252	163117	35.34	ng/ul	93
89) Benzo(k)fluoranthene	22.58	252	163117	36.99	ng/ul#	95
91) Benzo(a)pyrene	23.13	252	113177	27.23	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	25.38	276	89600	17.65	ng/ul	96
93) Dibenzo(a,h)anthracene	25.38	278	22964	5.19	ng/ul#	93
94) Benzo(g,h,i)perylene	26.04	276	78571	19.00	ng/ul	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018322.D
Acq On : 8 Aug 2015 9:35
Operator : UM/TP
Sample : G3095-13DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

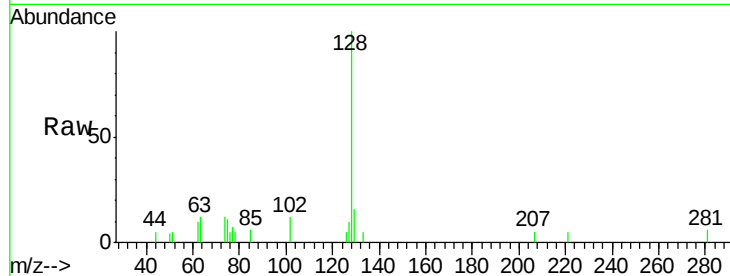
Quant Time: Aug 10 02:07:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration



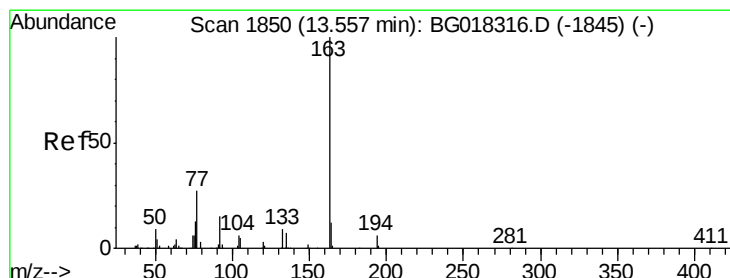
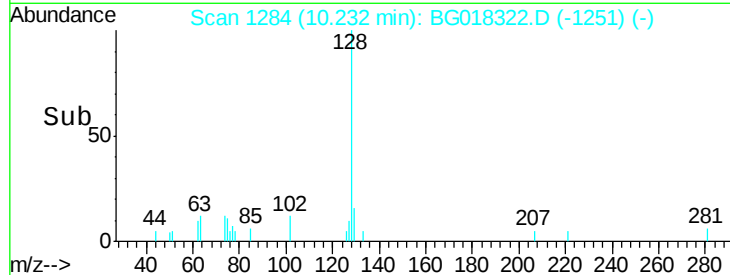
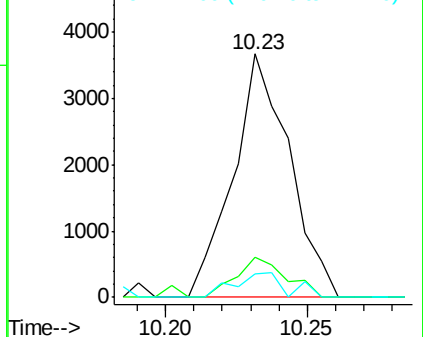


#28
Naphthalene
Concen: 1.27 ng/ul
RT: 10.23 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG018322.D
Acq: 8 Aug 2015 9:35

Tgt Ion:128 Resp: 5067
Ion Ratio Lower Upper
128 100
129 16.2 10.2 15.2#
127 9.7 10.8 16.2#

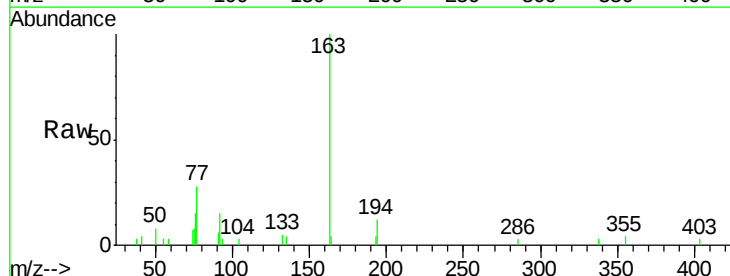


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

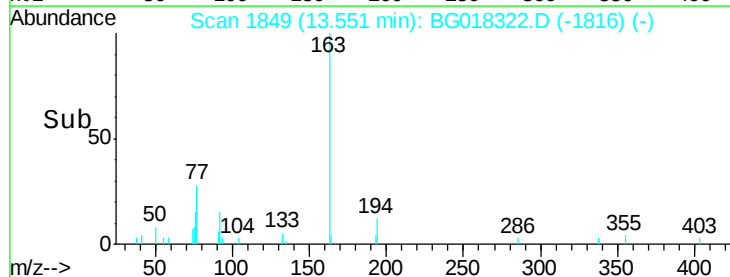
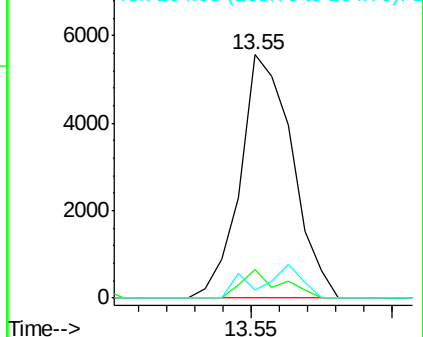


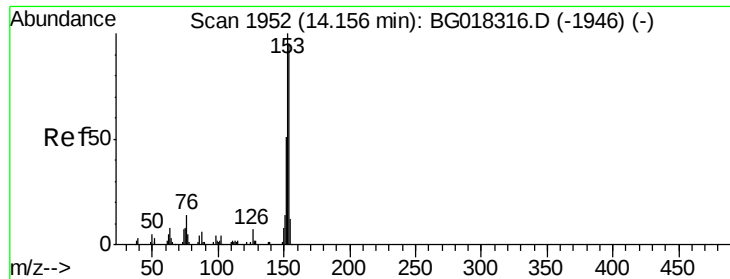
#45
Dimethylphthalate
Concen: 1.51 ng/ul
RT: 13.55 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BG018322.D
Acq: 8 Aug 2015 9:35

Tgt Ion:163 Resp: 7094
Ion Ratio Lower Upper
163 100
194 11.8 4.6 7.0#
164 3.6 9.8 14.8#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 2.17 ng/ul

RT: 14.15 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

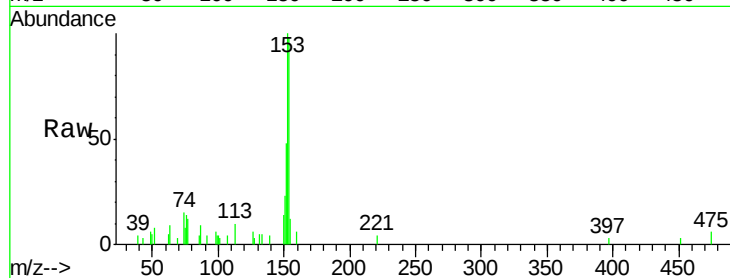
Tgt Ion:153 Resp: 7730

Ion Ratio Lower Upper

153 100

152 47.7 41.1 61.7

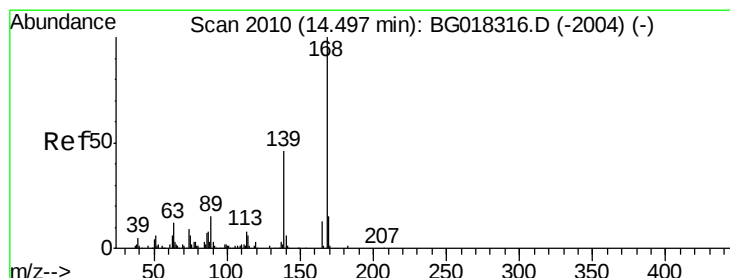
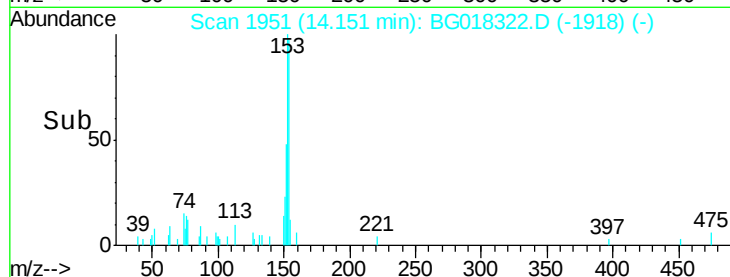
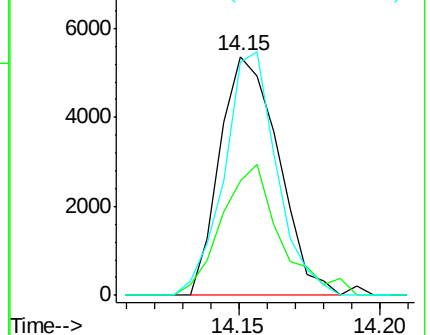
154 97.8 76.2 114.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.01 ng/ul

RT: 14.49 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG018322.D

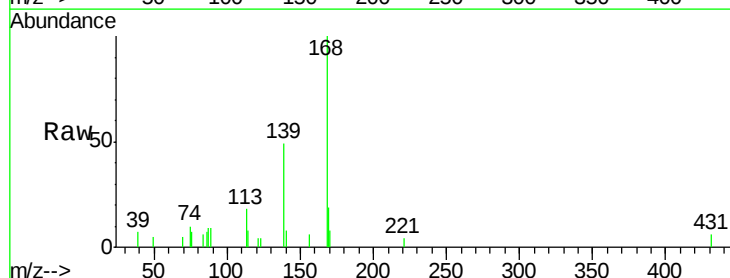
Acq: 8 Aug 2015 9:35

Tgt Ion:168 Resp: 5274

Ion Ratio Lower Upper

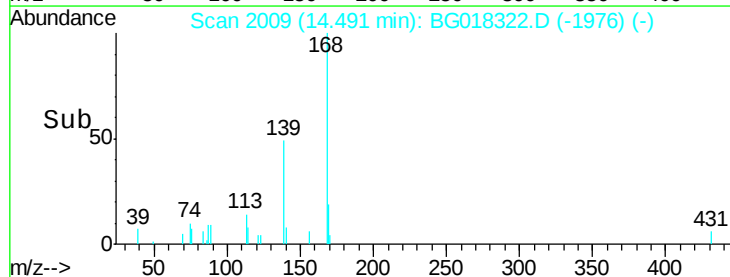
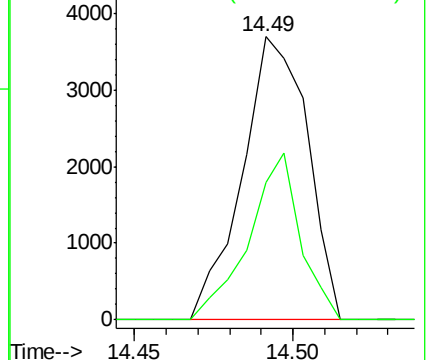
168 100

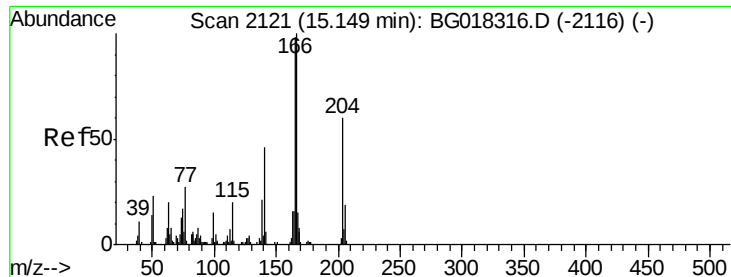
139 48.5 36.6 55.0



Abundance Ion 168.00 (167.70 to 168.70): E

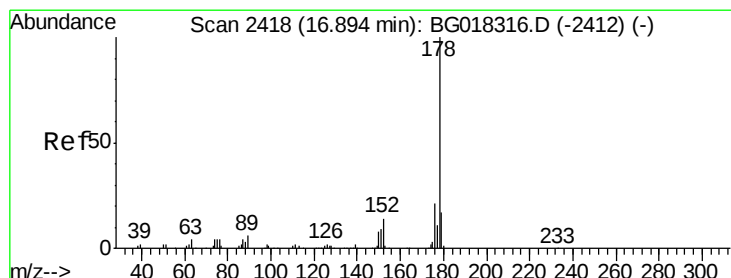
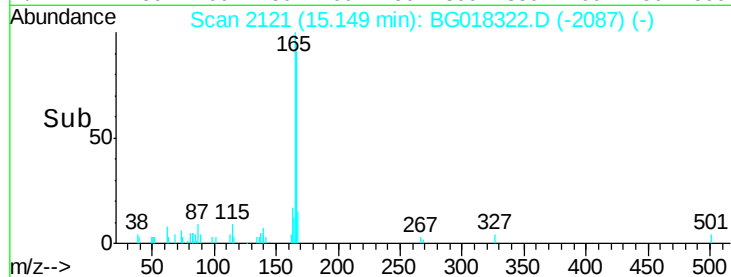
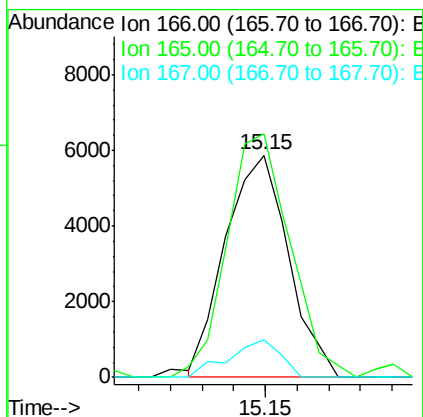
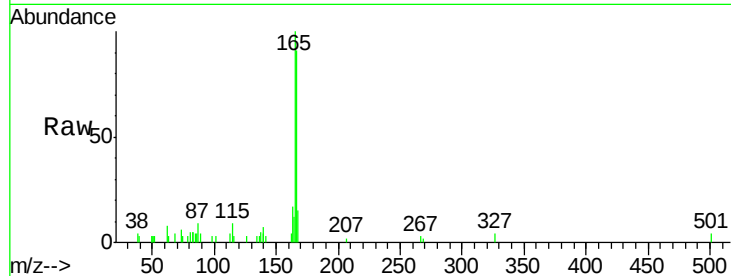
Ion 139.00 (138.70 to 139.70): E





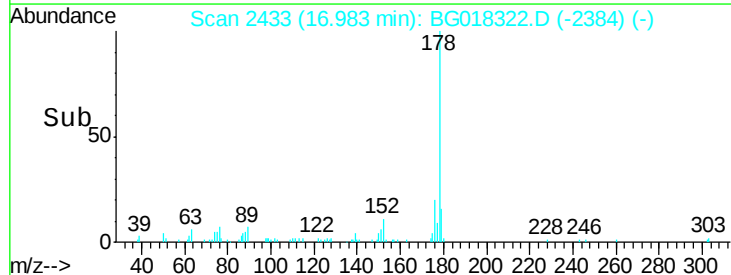
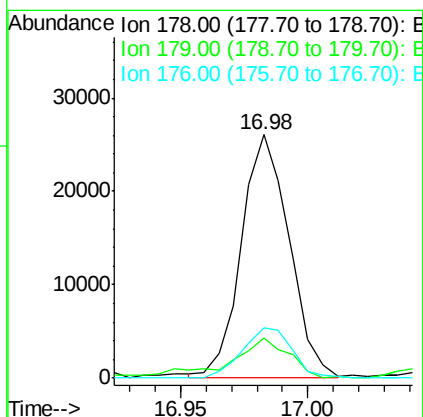
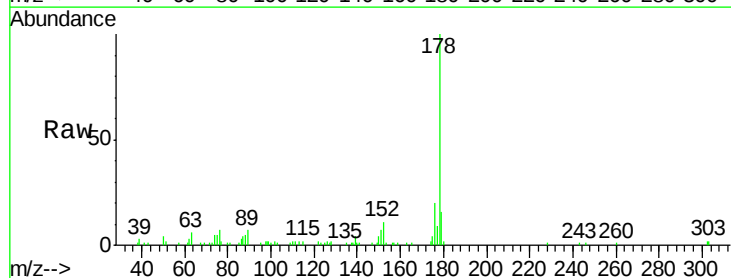
#59
 Fluorene
 Concen: 1.78 ng/ul
 RT: 15.15 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BG018322.D
 Acq: 8 Aug 2015 9:35

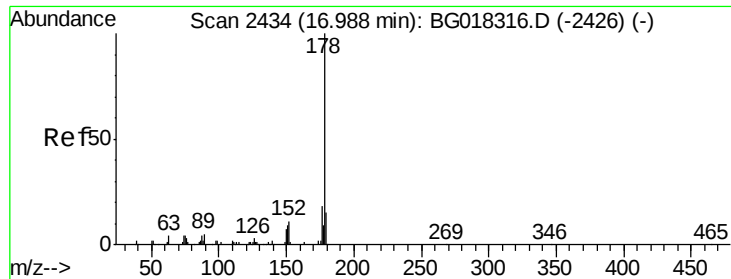
Tgt Ion:166 Resp: 8096
 Ion Ratio Lower Upper
 166 100
 165 109.5 78.5 117.7
 167 16.9 11.9 17.9



#70
 Phenanthrene
 Concen: 22.05 ng/ul
 RT: 16.98 min Scan# 2433
 Delta R.T. 0.09 min
 Lab File: BG018322.D
 Acq: 8 Aug 2015 9:35

Tgt Ion:178 Resp: 34023
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.4 20.2
 176 20.4 16.7 25.1





#72

Anthracene

Concen: 22.12 ng/ul

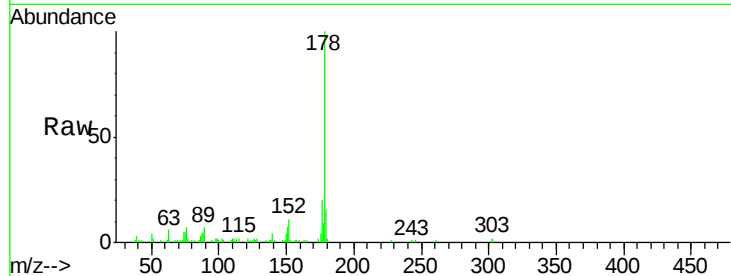
RT: 16.98 min Scan# 2433

Delta R.T. -0.01 min

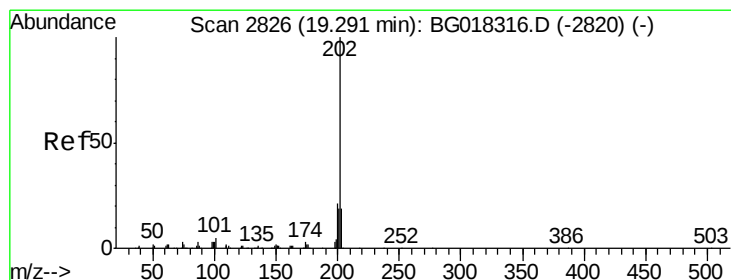
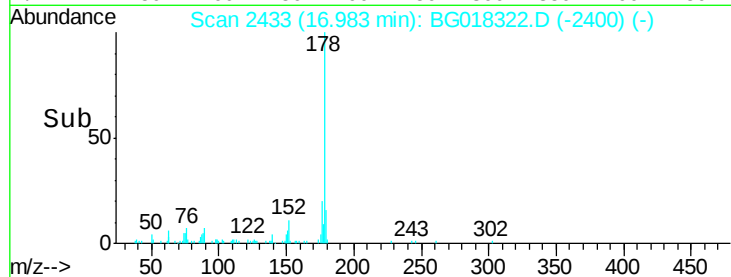
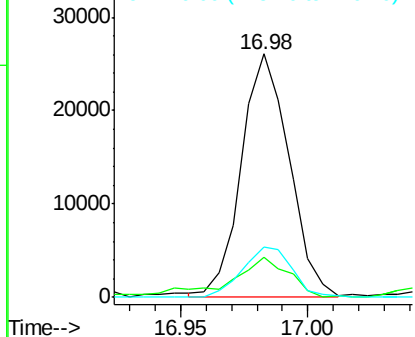
Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

Tgt Ion:	178	Resp:	34330
Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.8	17.8
176	20.4	14.7	22.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#80

Pyrene

Concen: 22277.15 ng/ul

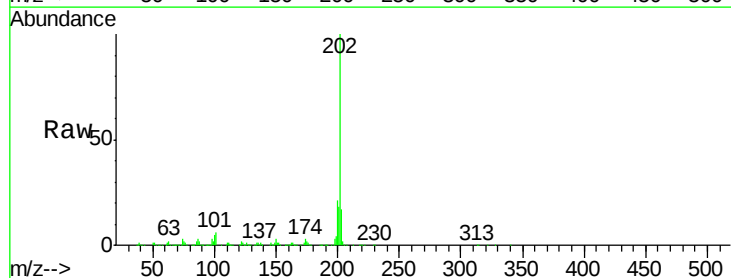
RT: 19.30 min Scan# 2827

Delta R.T. 0.01 min

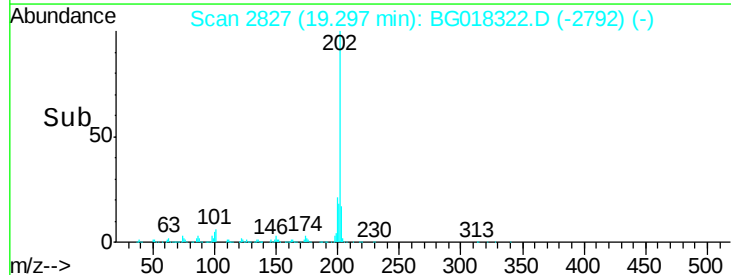
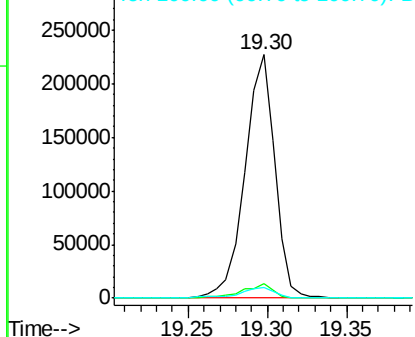
Lab File: BG018322.D

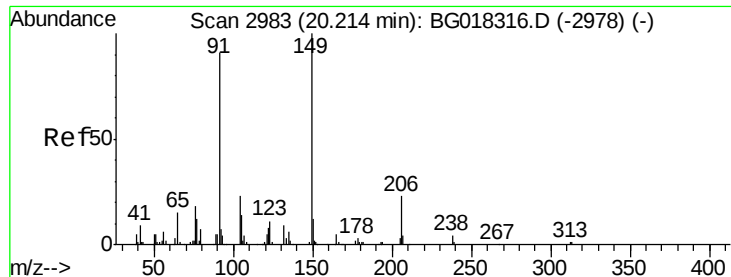
Acq: 8 Aug 2015 9:35

Tgt Ion:	202	Resp:	297147
Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.4	6.6
100	4.6	3.8	5.8



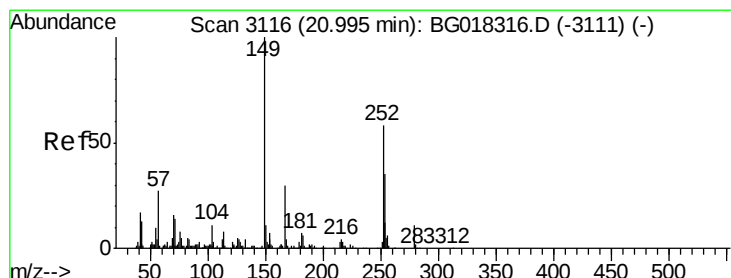
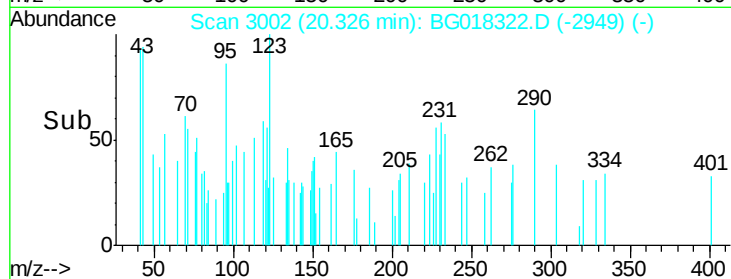
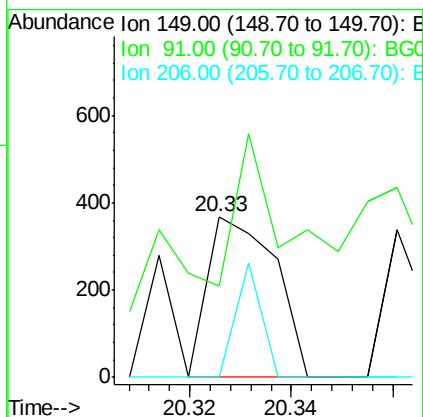
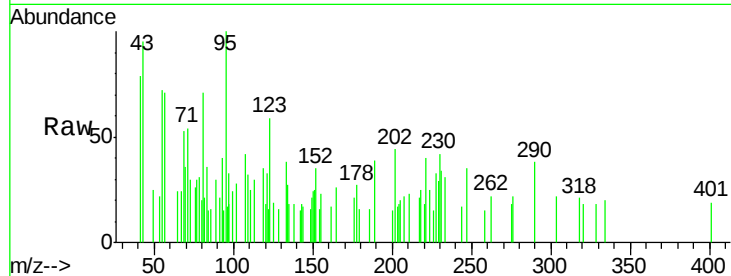
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E





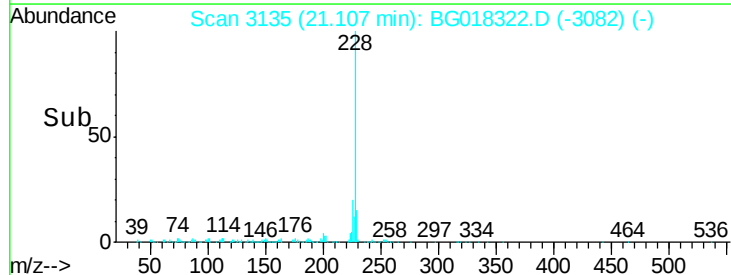
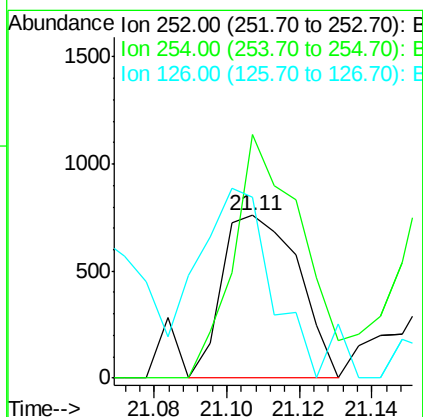
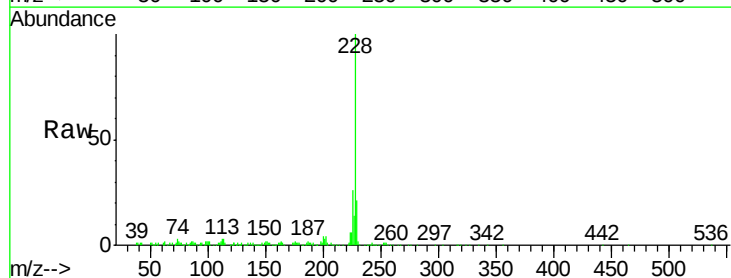
#81
Butylbenzylphthalate
Concen: 58.50 ng/ul
RT: 20.33 min Scan# 3002
Delta R.T. 0.11 min
Lab File: BG018322.D
Acq: 8 Aug 2015 9:35

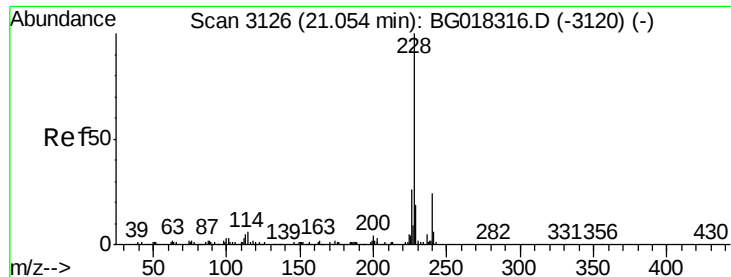
Tgt Ion:149 Resp: 341
Ion Ratio Lower Upper
149 100
91 57.1 72.5 108.7#
206 0.0 18.3 27.5#



#82
3,3'-Dichlorobenzidine
Concen: 233.70 ng/ul
RT: 21.11 min Scan# 3135
Delta R.T. 0.11 min
Lab File: BG018322.D
Acq: 8 Aug 2015 9:35

Tgt Ion:252 Resp: 1111
Ion Ratio Lower Upper
252 100
254 149.6 49.1 73.7#
126 110.9 6.3 9.5#





#83

Benzo(a)anthracene

Concen: 9831.80 ng/ul

RT: 21.10 min Scan# 3134

Delta R.T. 0.05 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

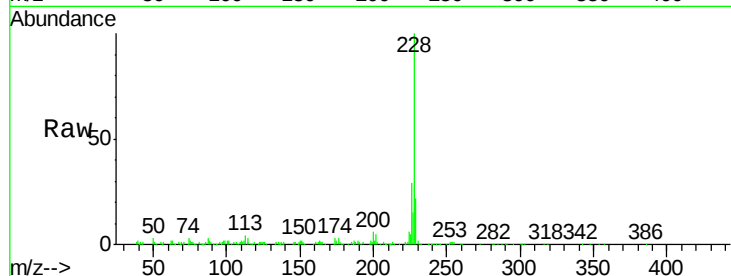
Tgt Ion: 228 Resp: 122468

Ion Ratio Lower Upper

228 100

229 22.2 15.4 23.2

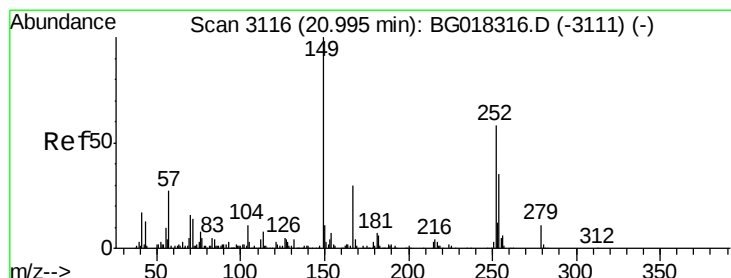
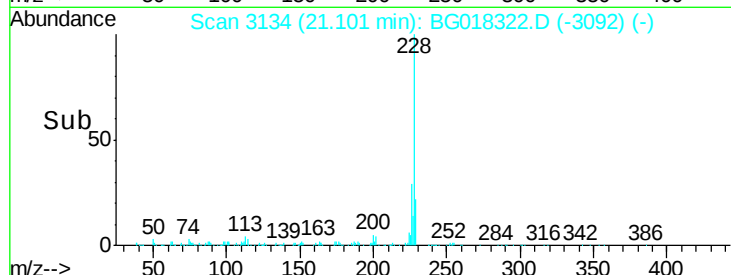
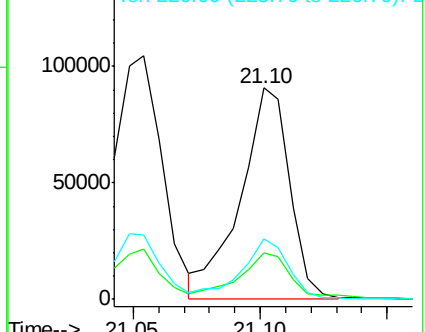
226 28.8 20.9 31.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 16.98 ng/ul

RT: 21.14 min Scan# 3140

Delta R.T. 0.14 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

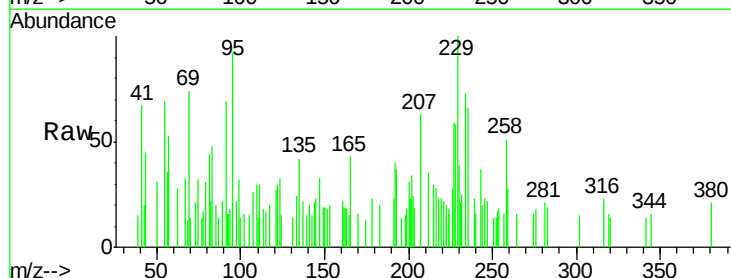
Tgt Ion: 149 Resp: 134

Ion Ratio Lower Upper

149 100

167 0.0 24.2 36.4#

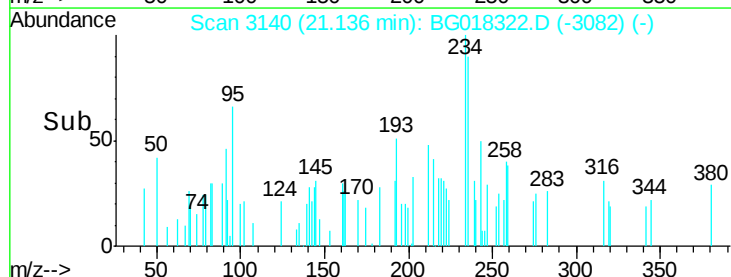
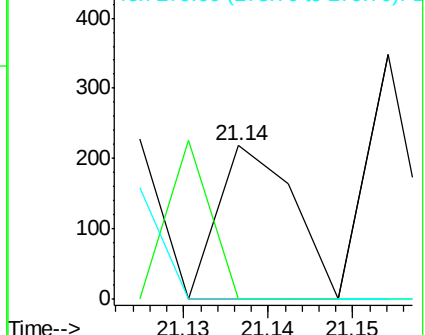
279 0.0 8.4 12.6#

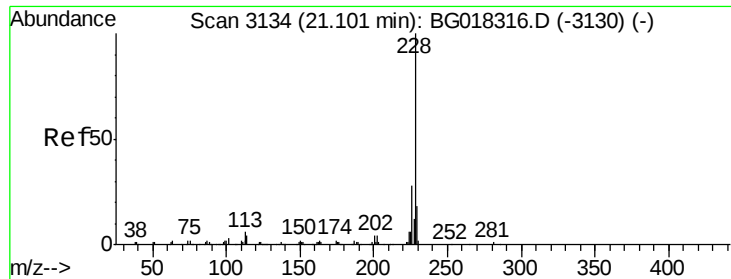


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 9239.50 ng/ul

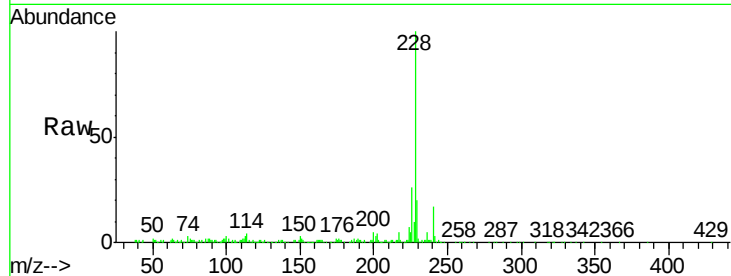
RT: 21.05 min Scan# 3126

Delta R.T. -0.05 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

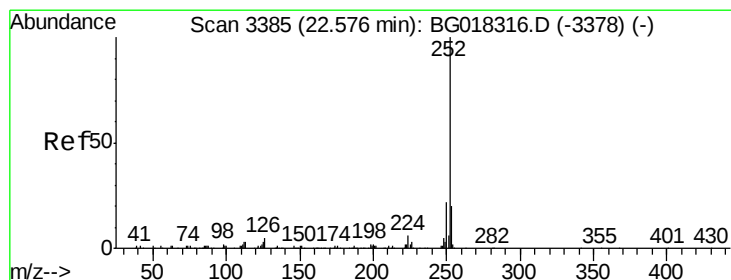
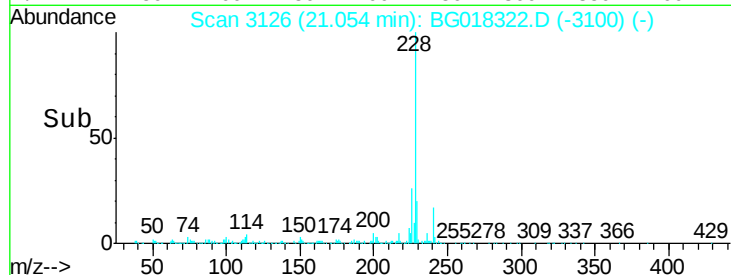
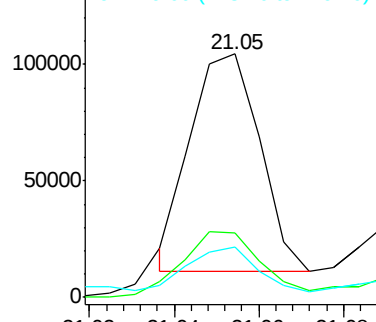
Tgt Ion:	228	Resp:	106470
Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	20.4	14.2	21.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 35.34 ng/ul

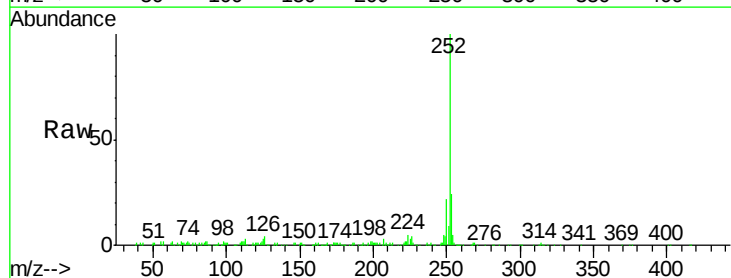
RT: 22.58 min Scan# 3385

Delta R.T. 0.00 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

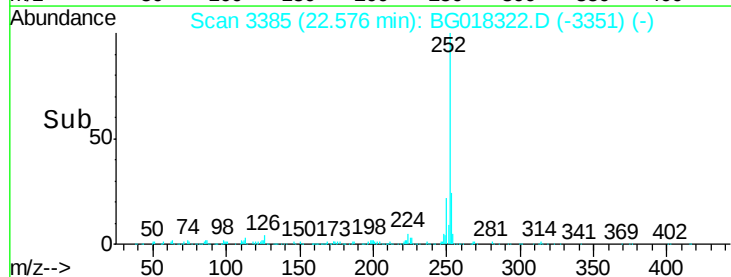
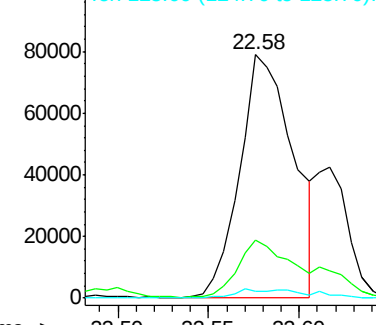
Tgt Ion:	252	Resp:	163117
Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.2	24.4
125	2.8	2.4	3.6

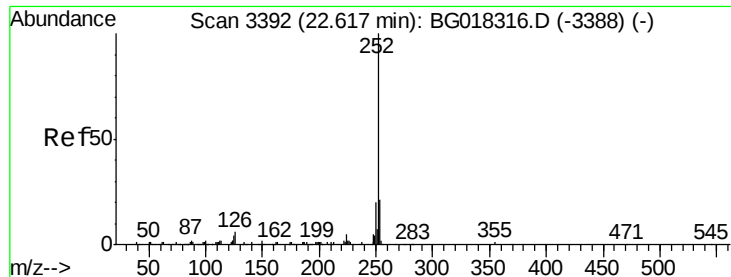


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.99 ng/ul

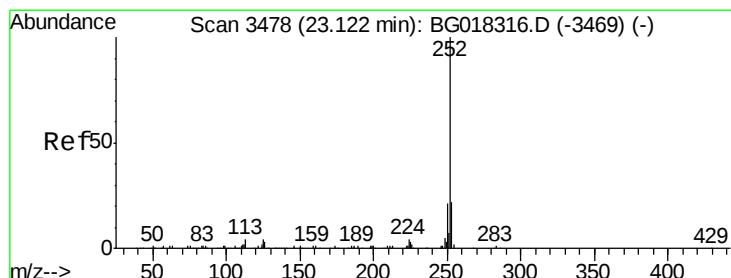
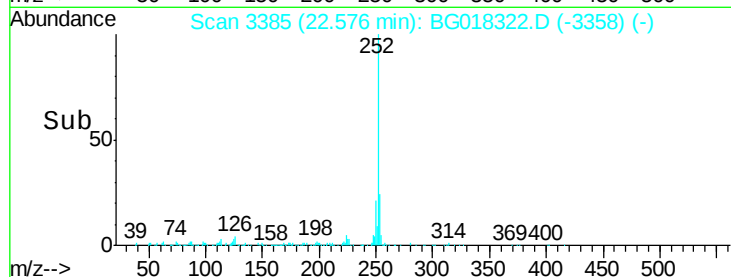
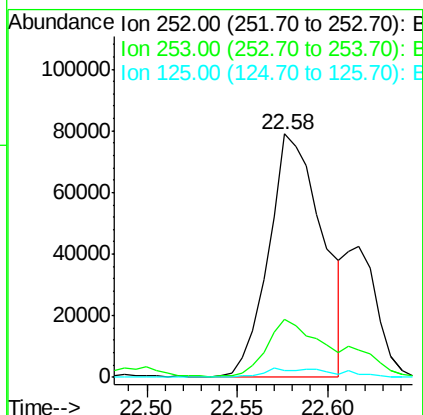
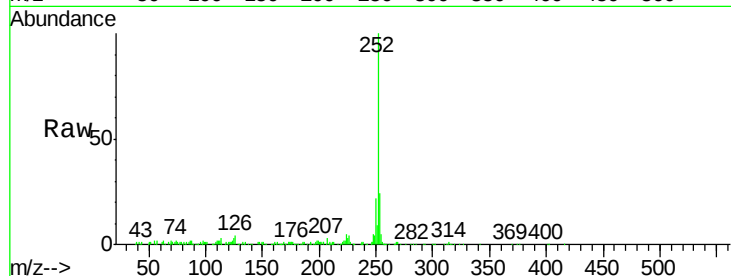
RT: 22.58 min Scan# 3385

Delta R.T. -0.04 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

Tgt Ion:	252	Resp:	163117
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	2.8	3.3	4.9#



#91

Benzo(a)pyrene

Concen: 27.23 ng/ul

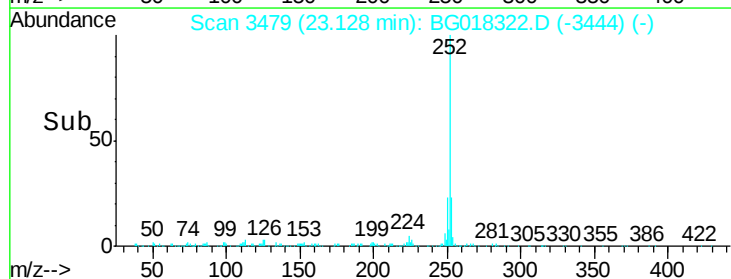
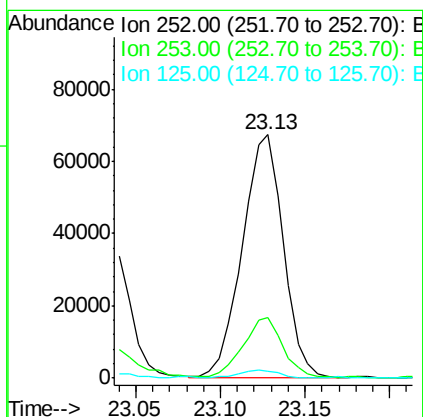
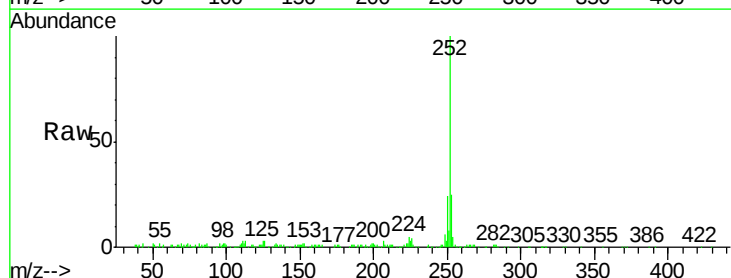
RT: 23.13 min Scan# 3479

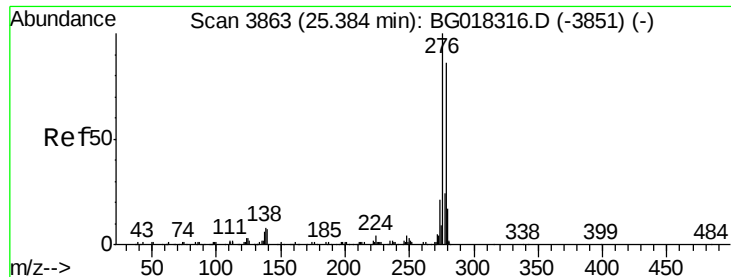
Delta R.T. 0.01 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

Tgt Ion:	252	Resp:	113177
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	2.9	2.8	4.2





#92

Indeno(1,2,3-cd)pyrene

Concen: 17.65 ng/ul

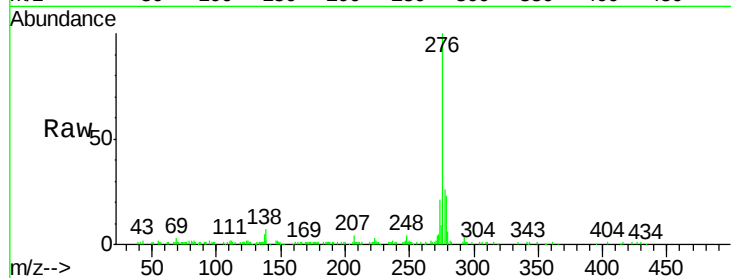
RT: 25.38 min Scan# 3863

Delta R.T. 0.00 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

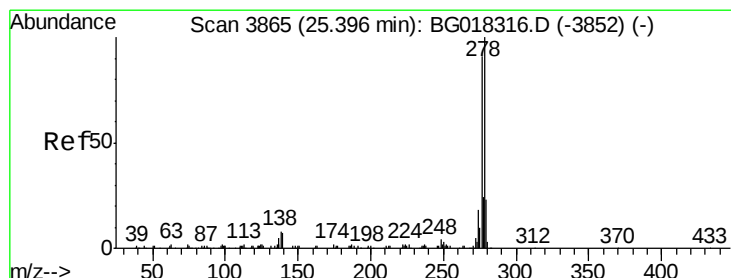
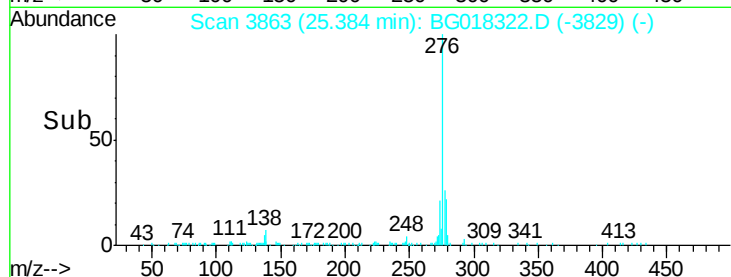
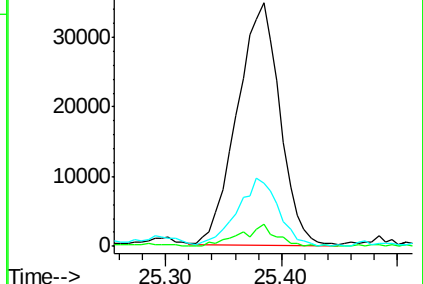
Tgt Ion:	276	Resp:	89600
Ion Ratio	Lower	Upper	
276	100		
138	9.0	6.6	9.8
277	26.0	18.9	28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 5.19 ng/ul

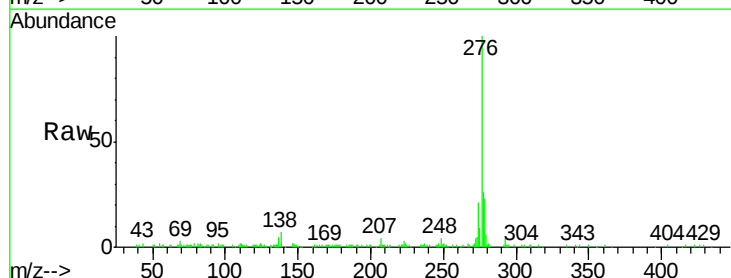
RT: 25.38 min Scan# 3863

Delta R.T. -0.01 min

Lab File: BG018322.D

Acq: 8 Aug 2015 9:35

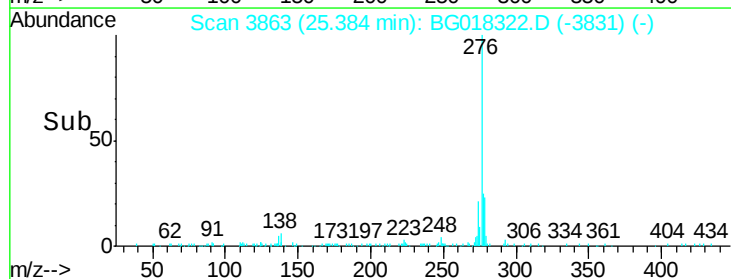
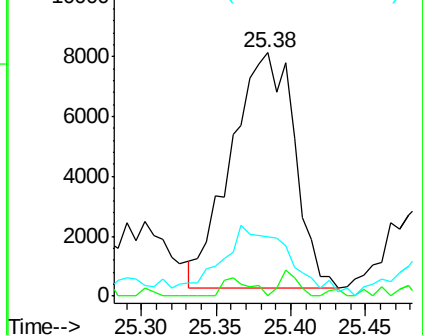
Tgt Ion:	278	Resp:	22964
Ion Ratio	Lower	Upper	
278	100		
139	0.0	5.4	8.0#
279	24.2	18.2	27.4

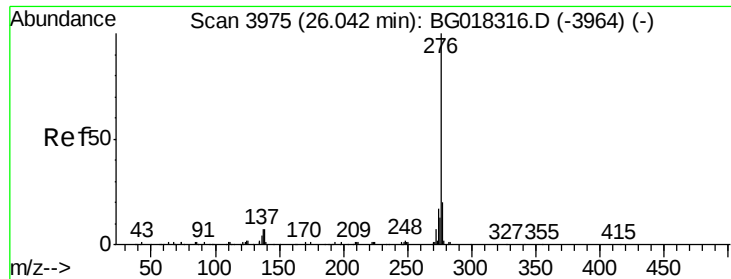


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

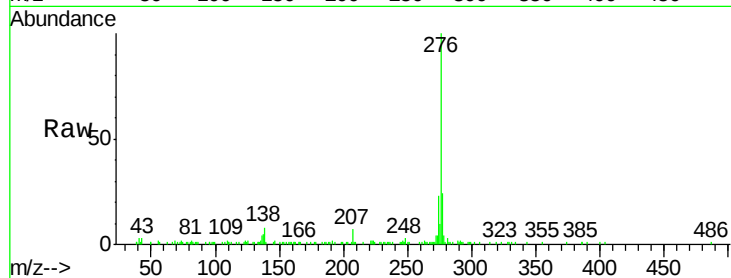
Ion 279.00 (278.70 to 279.70): E



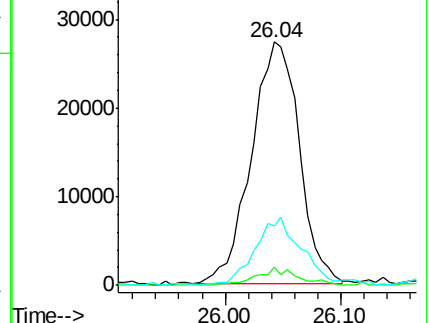
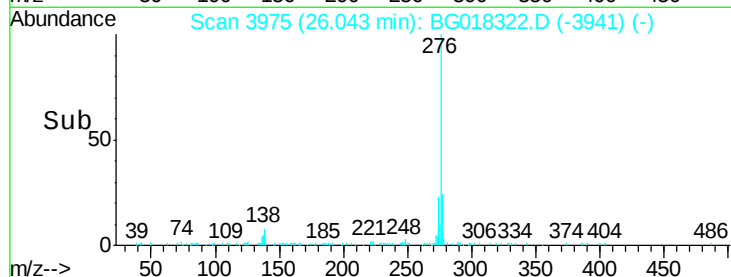


#94
 Benzo(g,h,i)perylene
 Concen: 19.00 ng/ul
 RT: 26.04 min Scan# 3975
 Delta R.T. 0.00 min
 Lab File: BG018322.D
 Acq: 8 Aug 2015 9:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.6	5.8	8.6
277	24.2	16.2	24.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	14644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	66152	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	45519	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	106684	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	85604	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	68123	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.61	99	1366	1.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	1170	1.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	854	0.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	1227	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	298	0.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	517	0.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	1215	0.95	ng/ul	0.01
29) 4-Chloroaniline-d4	10.35	131	850	0.60	ng/ul	0.01
44) Dimethylphthalate-d6	13.51	166	5490	1.20	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	6156	1.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	133	0.23	ng/ul	0.05
58) Fluorene-d10	15.09	176	5474	1.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.85	188	106684	18.53	ng/ul	-0.10
79) Pyrene-d10	19.26	212	6283	1.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	5293	1.20	ng/ul	0.00

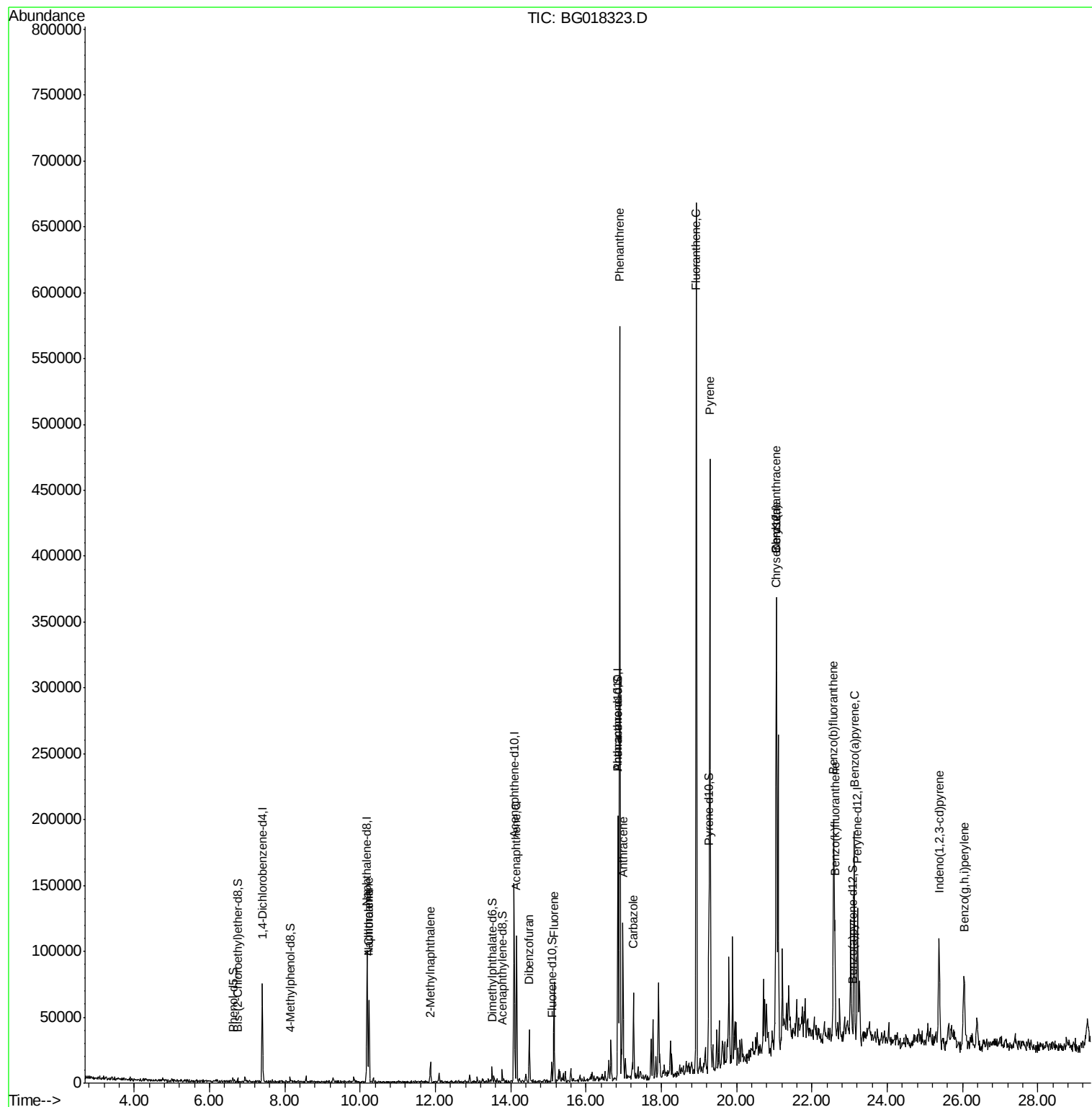
Target Compounds

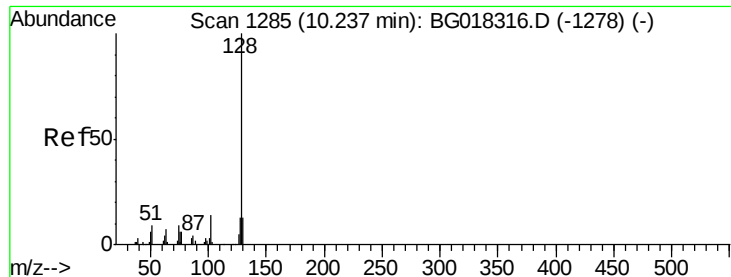
						Qvalue
28) Naphthalene	10.23	128	39130	10.31	ng/ul	95
30) 4-Chloroaniline	10.23	127	5978	4.43	ng/ul#	27
34) 2-Methylnaphthalene	11.87	142	6480	2.16	ng/ul	99
50) Acenaphthene	14.15	153	36809	10.79	ng/ul	98
54) Dibenzofuran	14.50	168	19169	3.82	ng/ul	97
59) Fluorene	15.15	166	27067	6.21	ng/ul	91
70) Phenanthrene	16.90	178	281967	42.26	ng/ul	97
72) Anthracene	16.98	178	63939	9.53	ng/ul	98
75) Carbazole	17.27	167	29548	5.70	ng/ul#	89
77) Fluoranthene	18.93	202	351959	48.38	ng/ul	98
80) Pyrene	19.29	202	274314	43.96	ng/ul	98
83) Benzo(a)anthracene	21.05	228	130792	22.45	ng/ul	98
85) Chrysene	21.05	228	133815	24.82	ng/ul	97
88) Benzo(b)fluoranthene	22.58	252	145586	28.21	ng/ul	97
89) Benzo(k)fluoranthene	22.62	252	39614	8.03	ng/ul#	94
91) Benzo(a)pyrene	23.12	252	97107	20.89	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.38	276	76226	13.43	ng/ul	99
94) Benzo(g,h,i)perylene	26.03	276	33803	7.31	ng/ul#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018323.D
Acq On : 8 Aug 2015 10:09
Operator : UM/TP
Sample : G3095-12DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

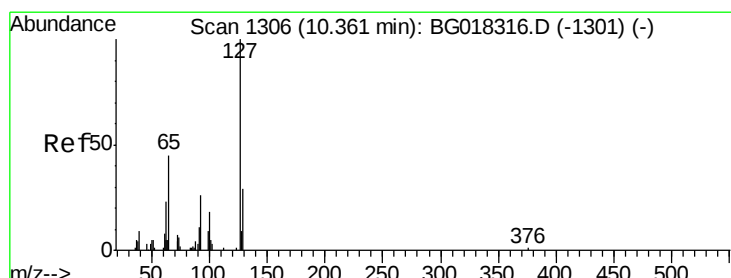
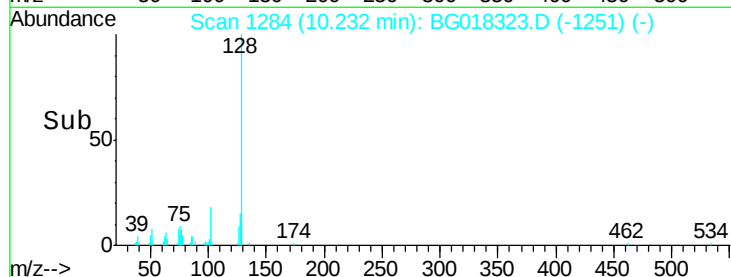
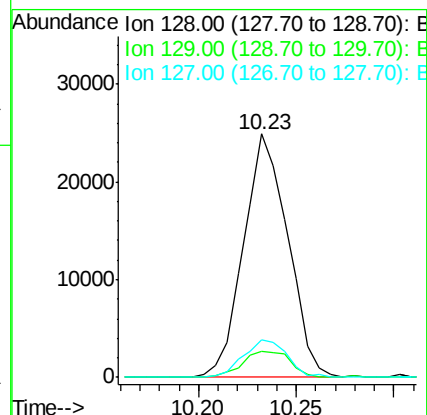
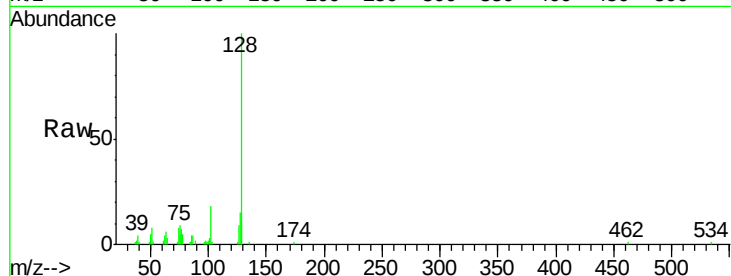
Quant Time: Aug 10 02:07:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration





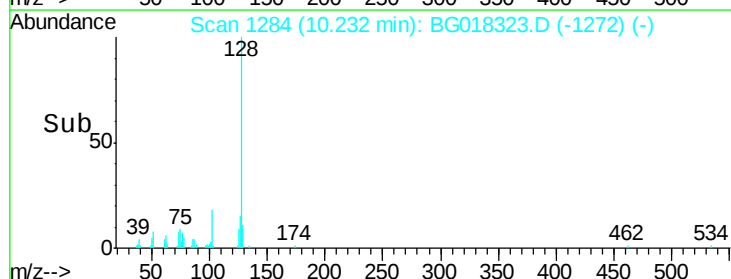
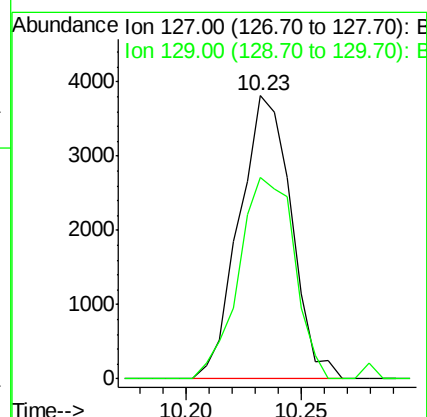
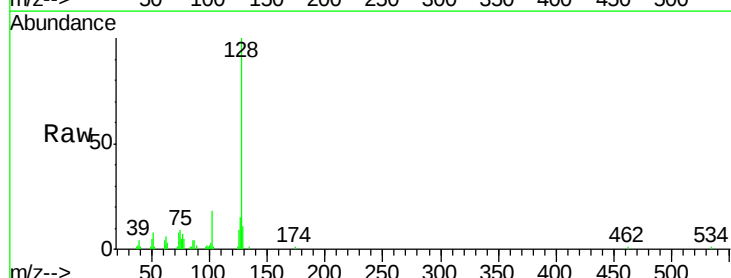
#28
Naphthalene
Concen: 10.31 ng/ul
RT: 10.23 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG018323.D
Acq: 8 Aug 2015 10:09

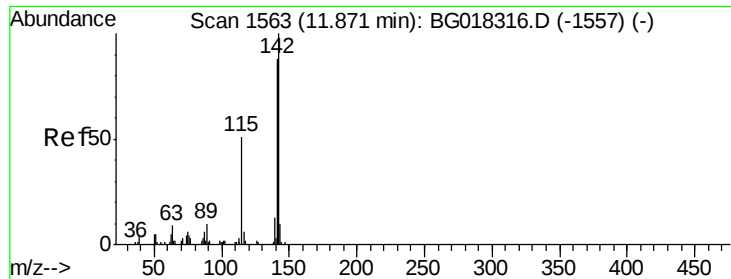
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.2	15.2
127	15.3	10.8	16.2



#30
4-Chloroaniline
Concen: 4.43 ng/ul
RT: 10.23 min Scan# 1284
Delta R.T. -0.13 min
Lab File: BG018323.D
Acq: 8 Aug 2015 10:09

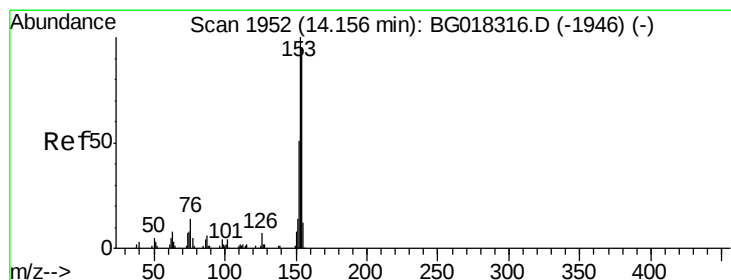
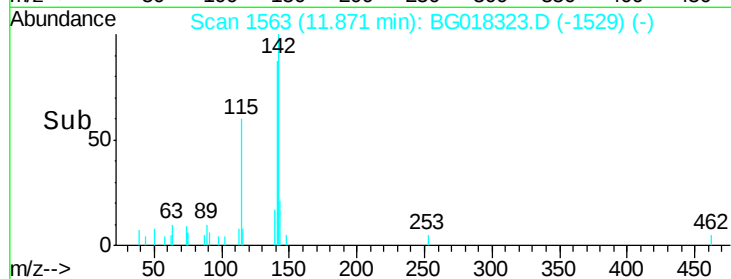
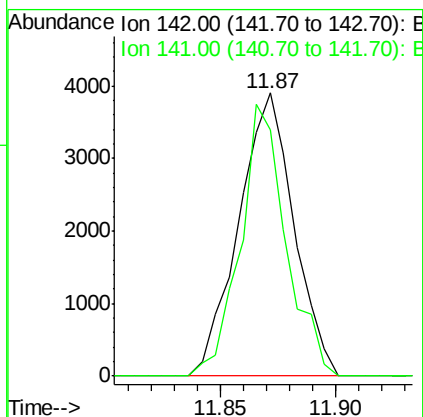
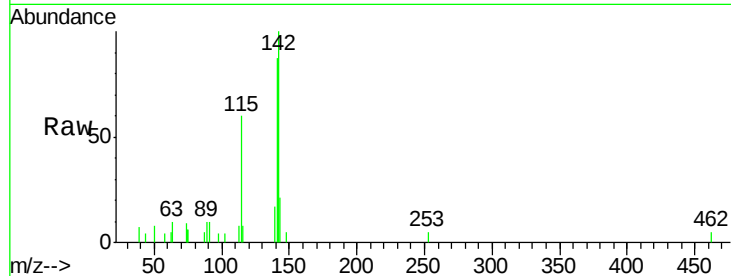
Tgt Ion	Ratio	Lower	Upper
127	100		
129	71.3	25.0	37.4#





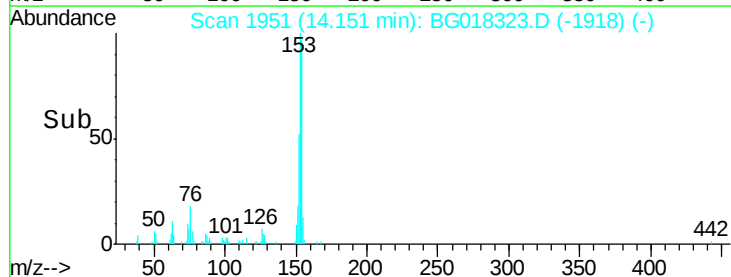
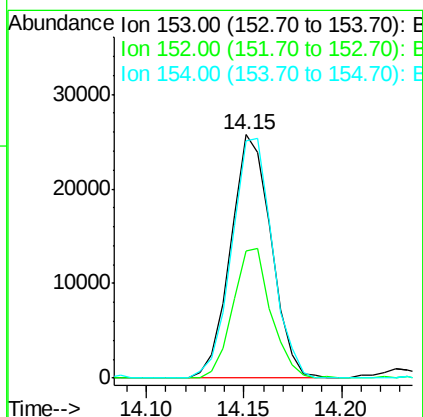
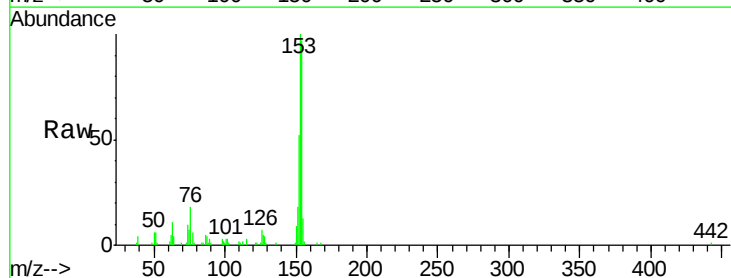
#34
 2-Methylnaphthalene
 Concen: 2.16 ng/ul
 RT: 11.87 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BG018323.D
 Acq: 8 Aug 2015 10:09

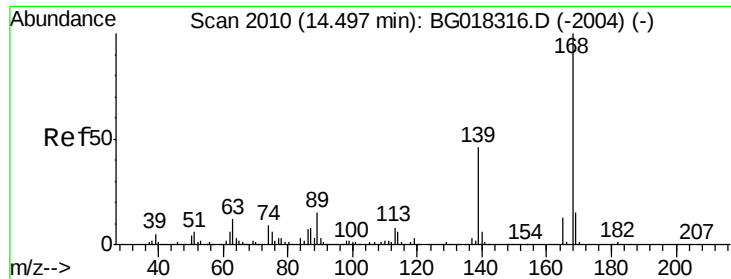
Tgt Ion:142 Resp: 6480
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.4 105.6



#50
 Acenaphthene
 Concen: 10.79 ng/ul
 RT: 14.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG018323.D
 Acq: 8 Aug 2015 10:09

Tgt Ion:153 Resp: 36809
 Ion Ratio Lower Upper
 153 100
 152 52.1 41.1 61.7
 154 97.3 76.2 114.2





#54

Dibenzenofuran

Concen: 3.82 ng/ul

RT: 14.50 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG018323.D

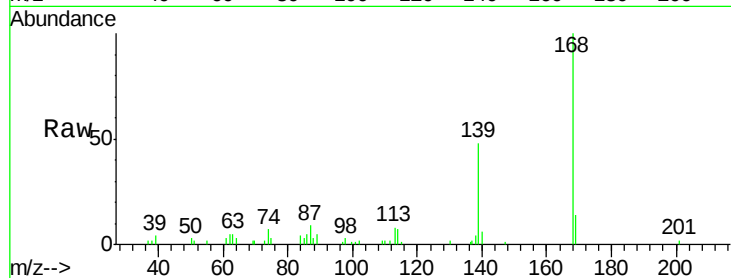
Acq: 8 Aug 2015 10:09

Tgt Ion:168 Resp: 19169

Ion Ratio Lower Upper

168 100

139 47.6 36.6 55.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.50

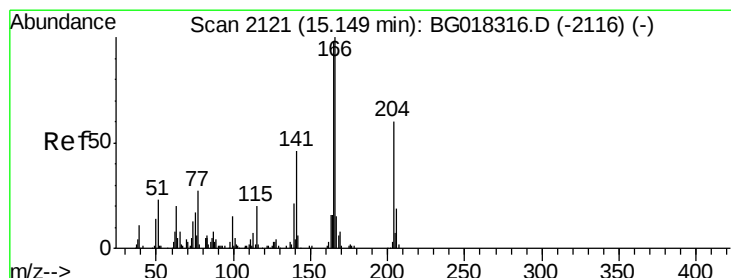
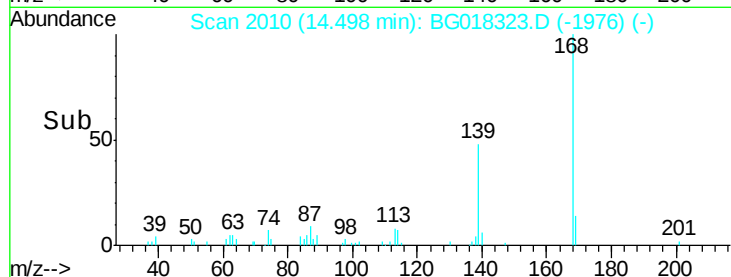
15000

10000

5000

0

Time-->



#59

Fluorene

Concen: 6.21 ng/ul

RT: 15.15 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BG018323.D

Acq: 8 Aug 2015 10:09

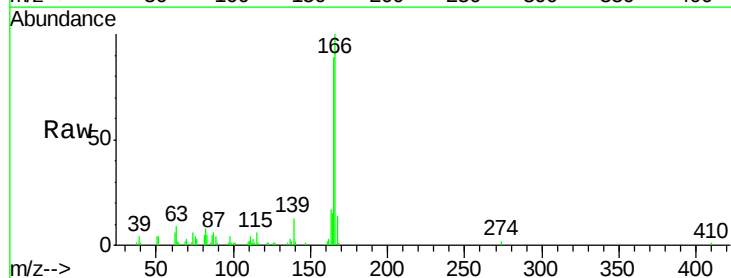
Tgt Ion:166 Resp: 27067

Ion Ratio Lower Upper

166 100

165 88.6 78.5 117.7

167 14.0 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.15

25000

20000

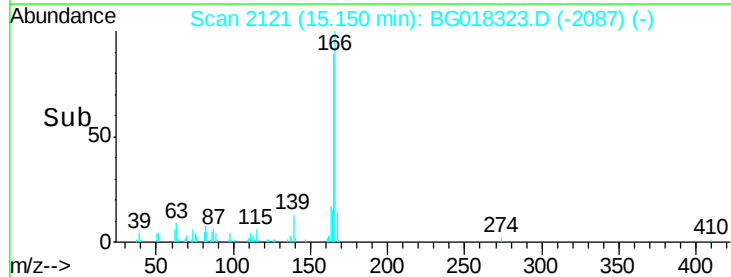
15000

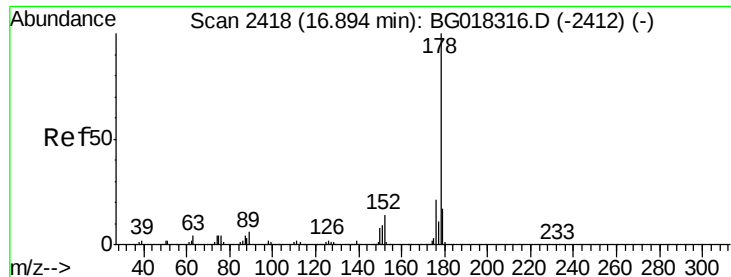
10000

5000

0

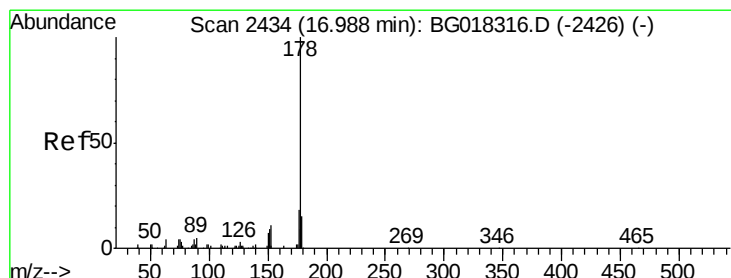
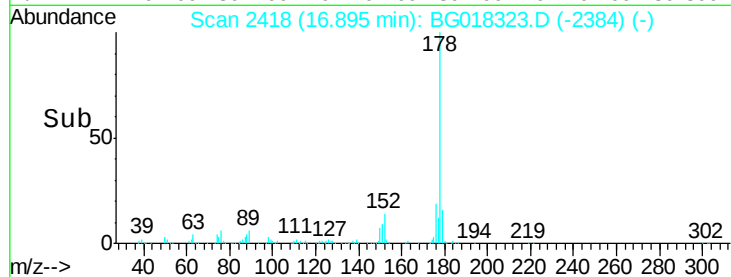
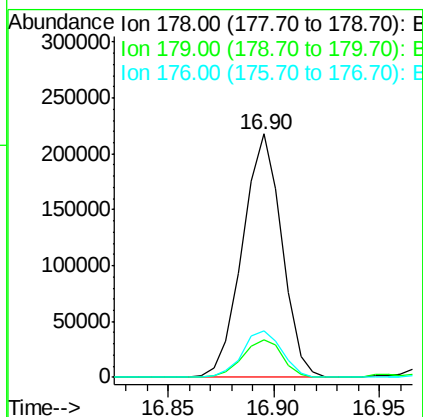
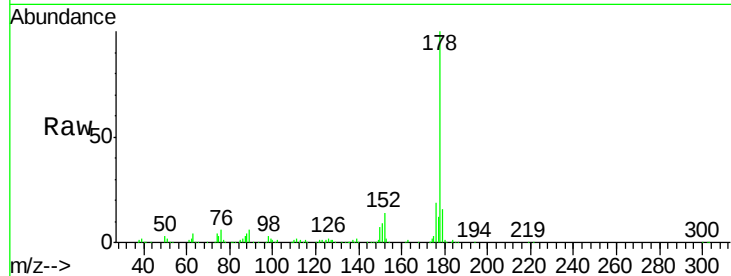
Time-->





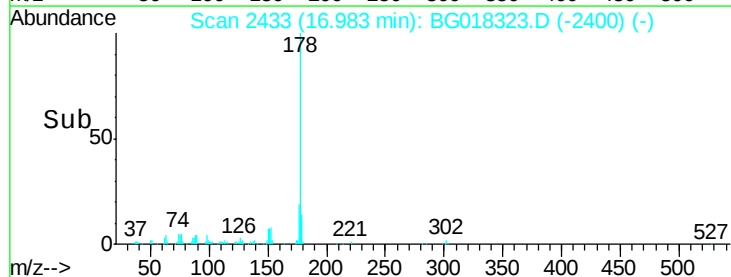
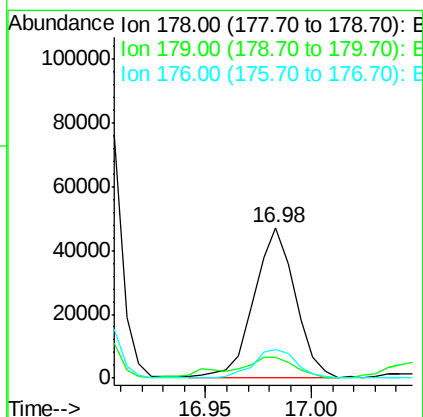
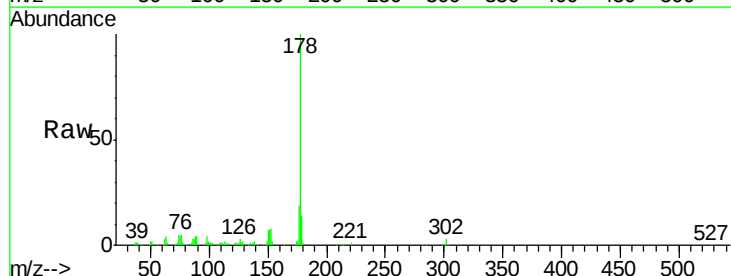
#70
Phenanthrene
Concen: 42.26 ng/ul
RT: 16.90 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG018323.D
Acq: 8 Aug 2015 10:09

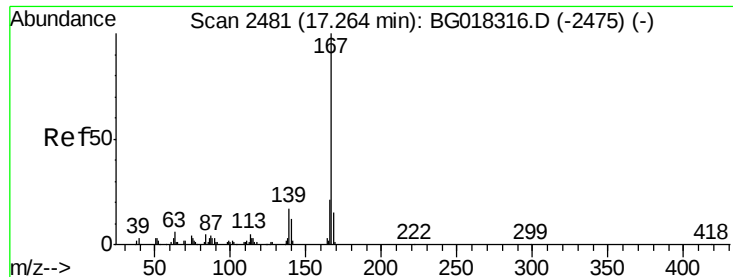
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	19.2	16.7	25.1



#72
Anthracene
Concen: 9.53 ng/ul
RT: 16.98 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG018323.D
Acq: 8 Aug 2015 10:09

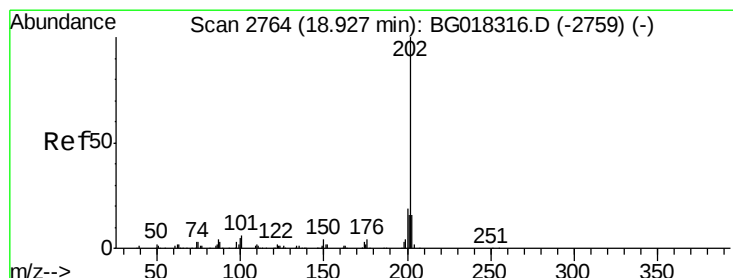
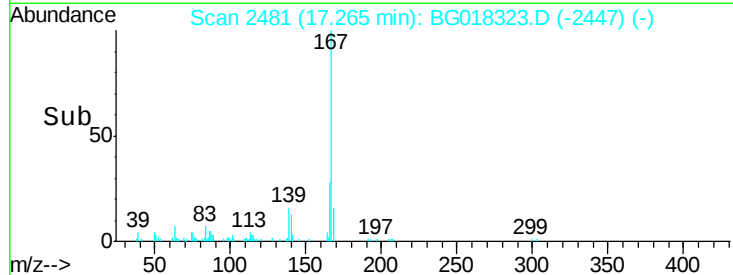
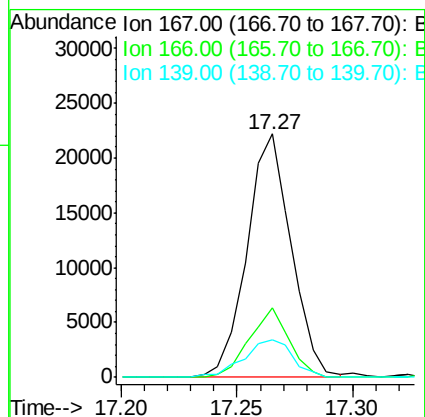
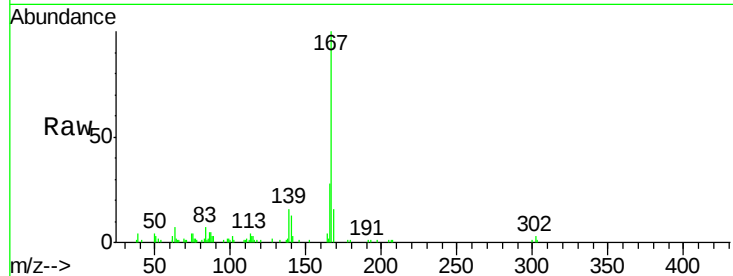
Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.9	11.8	17.8
176	18.8	14.7	22.1





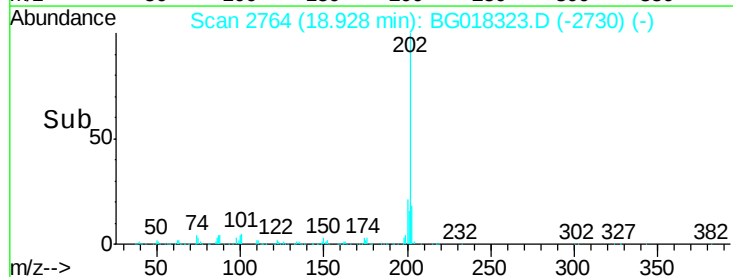
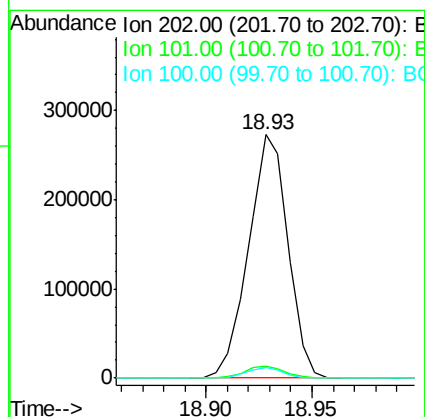
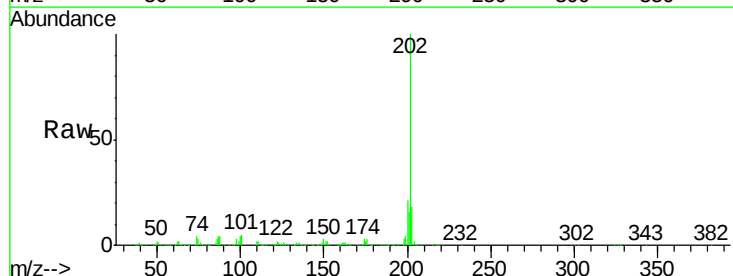
#75
 Carbazole
 Concen: 5.70 ng/ul
 RT: 17.27 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG018323.D
 Acq: 8 Aug 2015 10:09

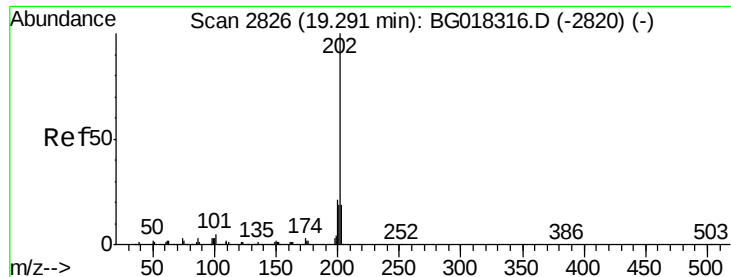
Tgt Ion	Ratio	Lower	Upper
167	100		
166	28.5	16.5	24.7#
139	15.6	13.4	20.2



#77
 Fluoranthene
 Concen: 48.38 ng/ul
 RT: 18.93 min Scan# 2764
 Delta R.T. 0.00 min
 Lab File: BG018323.D
 Acq: 8 Aug 2015 10:09

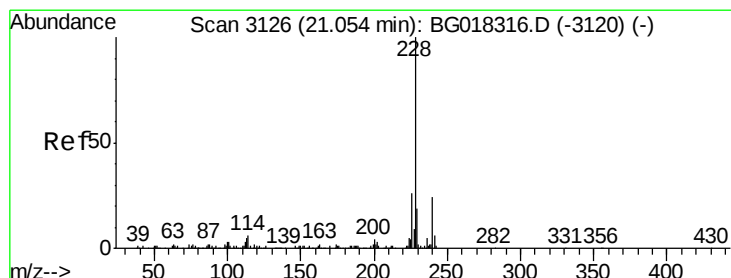
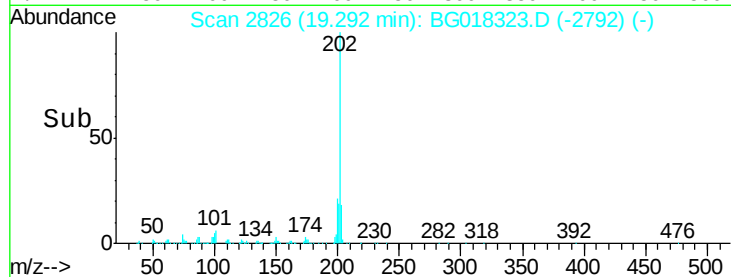
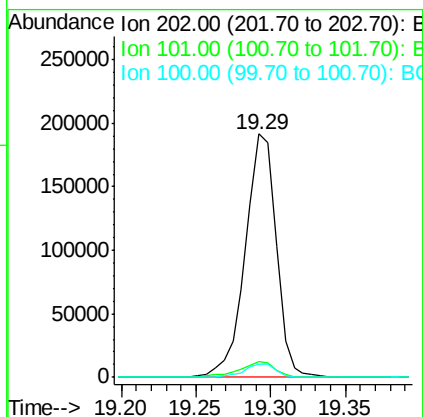
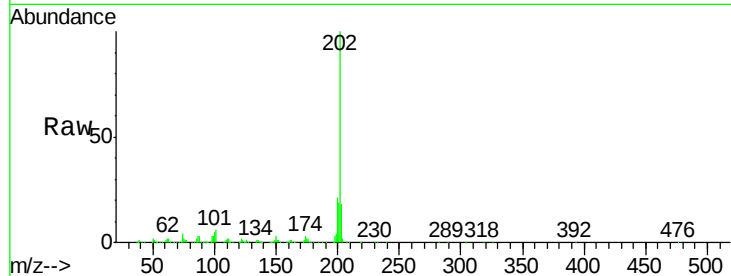
Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.7	4.5	6.7
100	4.4	3.9	5.9





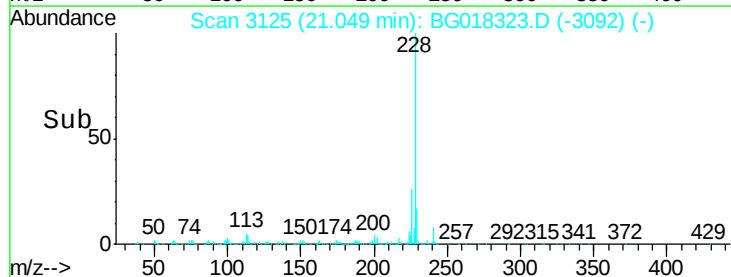
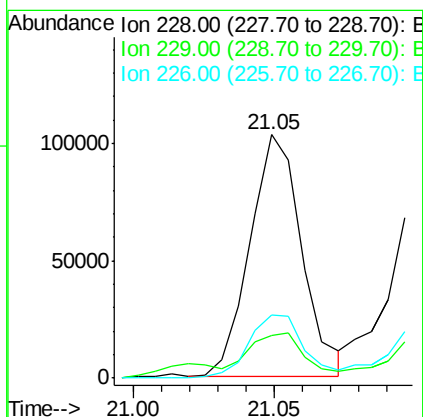
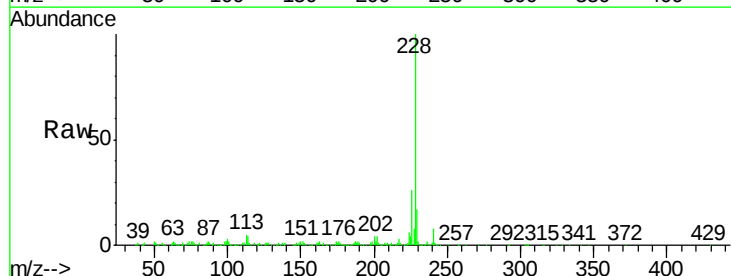
#80
 Pyrene
 Concen: 43.96 ng/ul
 RT: 19.29 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BG018323.D
 Acq: 8 Aug 2015 10:09

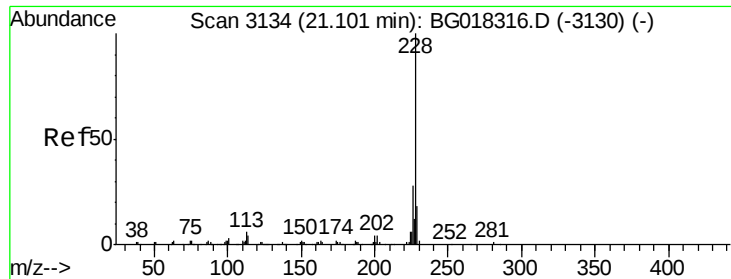
Tgt Ion:	202	Resp:	274314
Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.4	6.6
100	5.5	3.8	5.8



#83
 Benzo(a)anthracene
 Concen: 22.45 ng/ul
 RT: 21.05 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BG018323.D
 Acq: 8 Aug 2015 10:09

Tgt Ion:	228	Resp:	130792
Ion	Ratio	Lower	Upper
228	100		
229	17.3	15.4	23.2
226	25.8	20.9	31.3





#85

Chrysene

Concen: 24.82 ng/ul

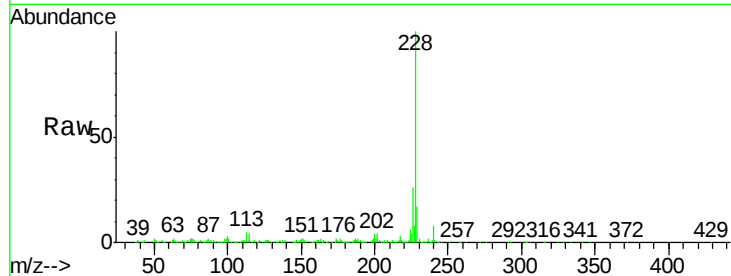
RT: 21.05 min Scan# 3125

Delta R.T. -0.05 min

Lab File: BG018323.D

Acq: 8 Aug 2015 10:09

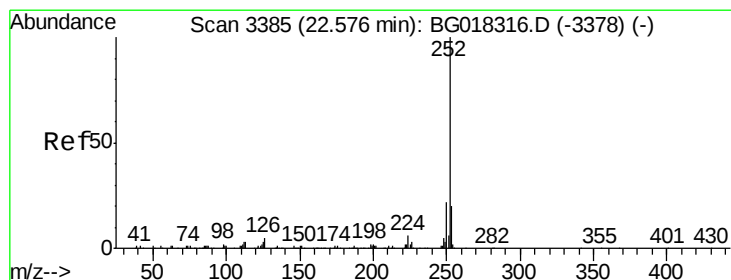
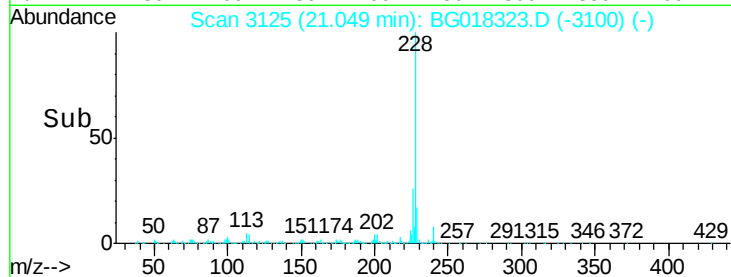
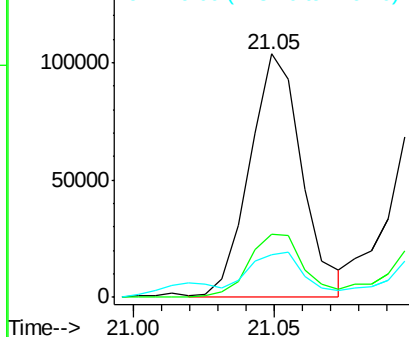
Tgt Ion:	228	Resp:	133815
Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.6	33.8
229	17.3	14.2	21.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 28.21 ng/ul

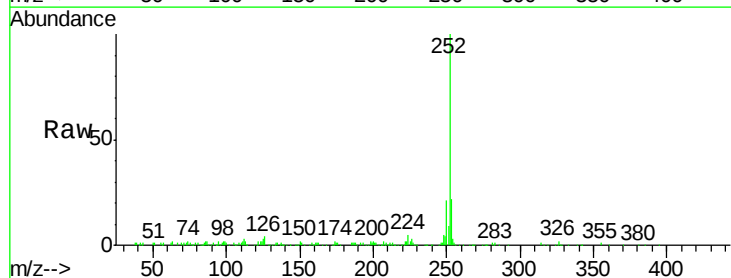
RT: 22.58 min Scan# 3385

Delta R.T. 0.00 min

Lab File: BG018323.D

Acq: 8 Aug 2015 10:09

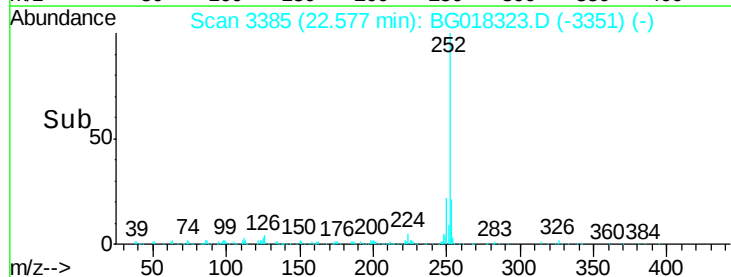
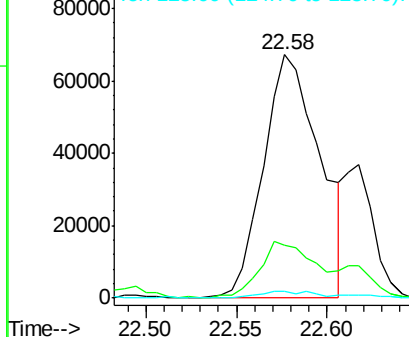
Tgt Ion:	252	Resp:	145586
Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.2	24.4
125	2.6	2.4	3.6

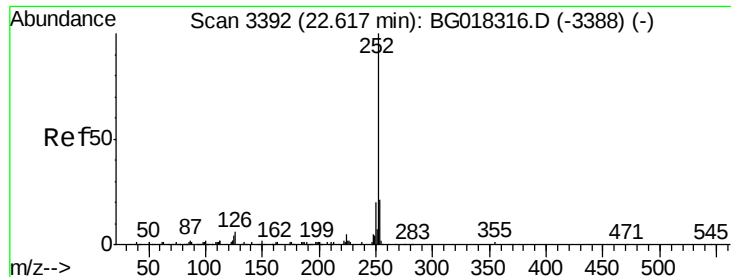


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 8.03 ng/ul

RT: 22.62 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BG018323.D

Acq: 8 Aug 2015 10:09

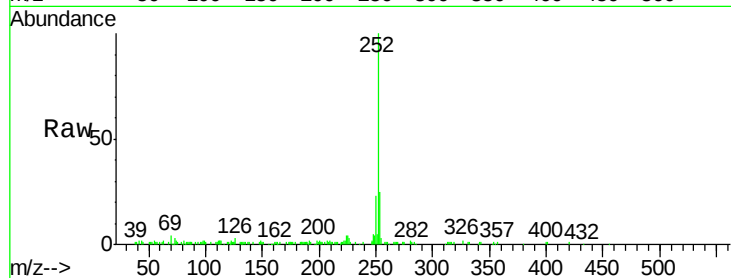
Tgt Ion:252 Resp: 39614

Ion Ratio Lower Upper

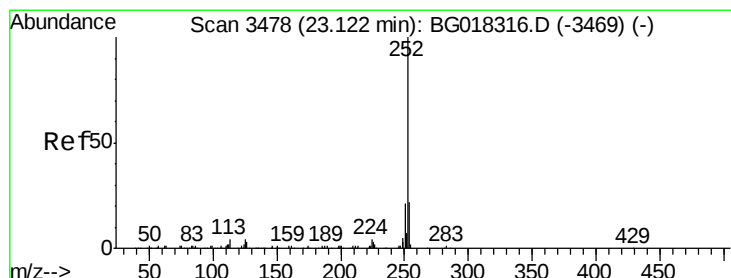
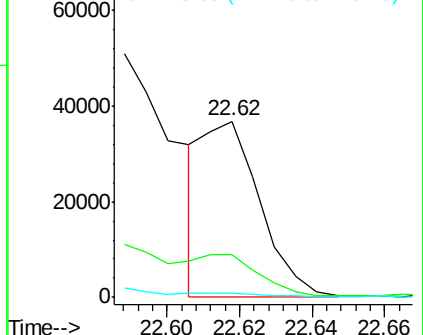
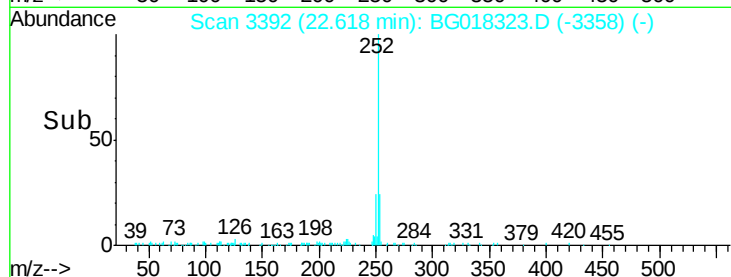
252 100

253 24.5 17.4 26.0

125 2.3 3.3 4.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 20.89 ng/ul

RT: 23.12 min Scan# 3478

Delta R.T. 0.00 min

Lab File: BG018323.D

Acq: 8 Aug 2015 10:09

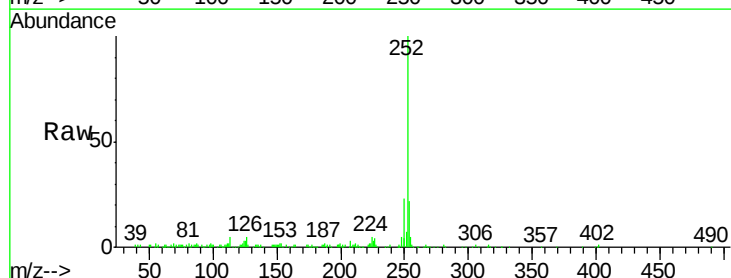
Tgt Ion:252 Resp: 97107

Ion Ratio Lower Upper

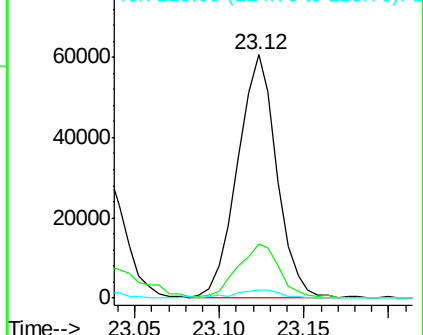
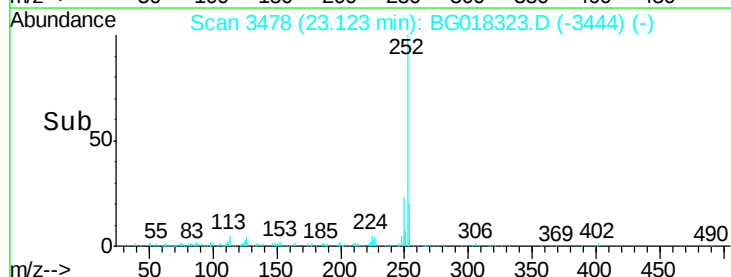
252 100

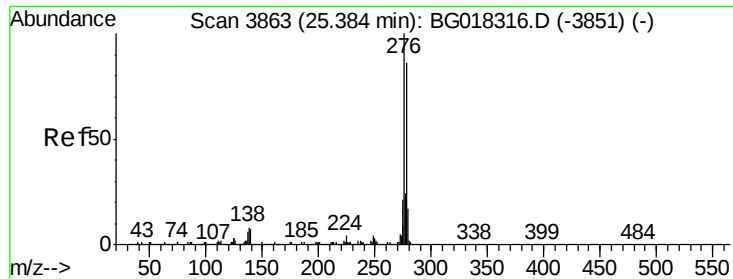
253 22.4 17.2 25.8

125 3.2 2.8 4.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

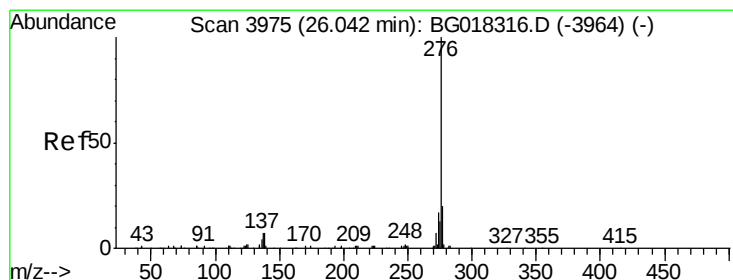
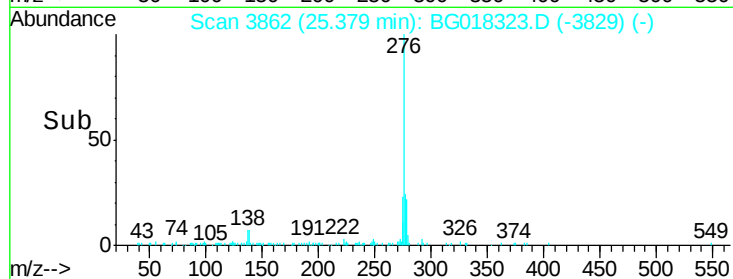
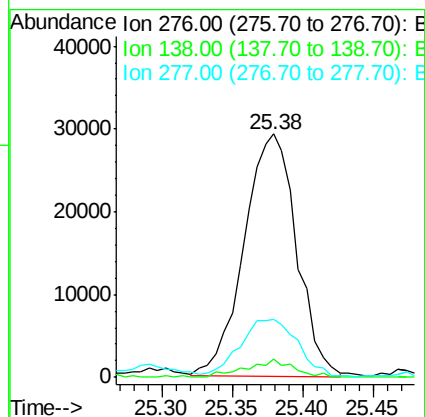
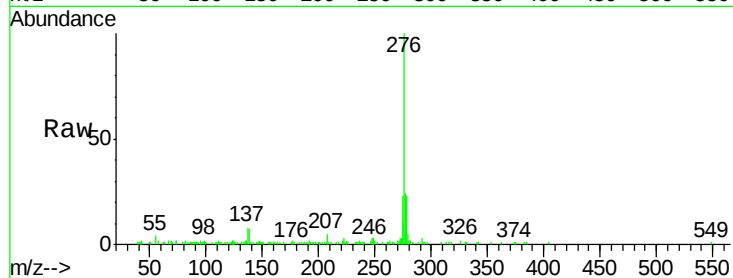




#92

Indeno(1,2,3-cd)pyrene
Concen: 13.43 ng/ul
RT: 25.38 min Scan# 3862
Delta R.T. -0.01 min
Lab File: BG018323.D
Acq: 8 Aug 2015 10:09

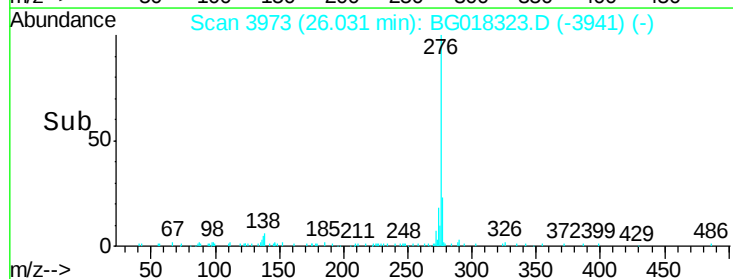
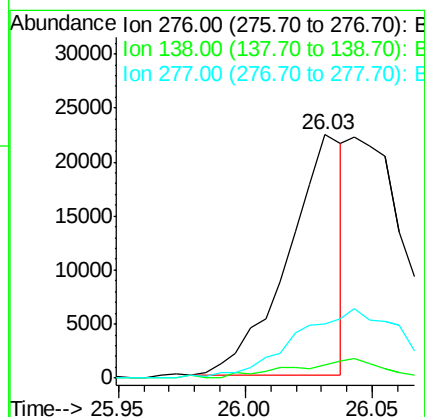
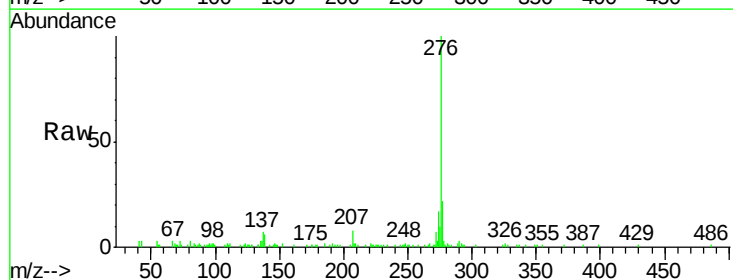
Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.4	6.6	9.8
277	23.9	18.9	28.3



#94

Benzo(g,h,i)perylene
Concen: 7.31 ng/ul
RT: 26.03 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BG018323.D
Acq: 8 Aug 2015 10:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.6	5.8	8.6#
277	22.3	16.2	24.4



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018324.D
 Acq On : 8 Aug 2015 10:44
 Operator : UM/TP
 Sample : G3095-11DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 10 02:07:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	14313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	69053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	47025	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	110133	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	92194	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	74861	20.00	ng/ul	0.00

System Monitoring Compounds

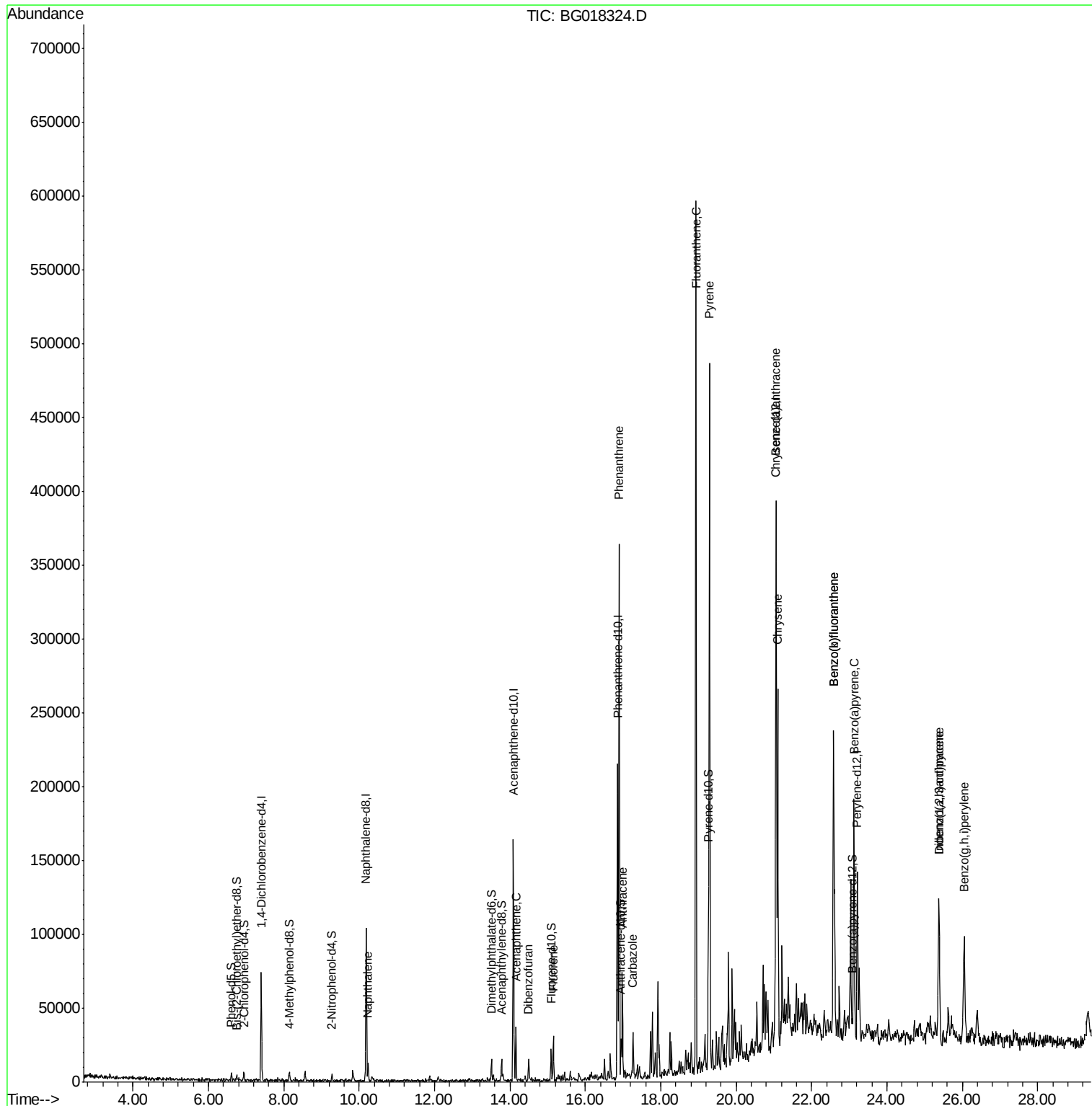
3) 1,4-Dioxane-d8	2.87	96	81	0.30	ng/uL	0.00
5) Phenol-d5	6.61	99	2465	1.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	941	1.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	1786	1.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	1658	1.46	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	490	0.78	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.28	143	1003	1.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	909	0.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	814	0.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	7559	1.59	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	9232	1.76	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.09	176	7746	1.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.95	188	10001	1.68	ng/ul	0.00
79) Pyrene-d10	19.26	212	10044	1.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	8872	1.83	ng/ul	0.00

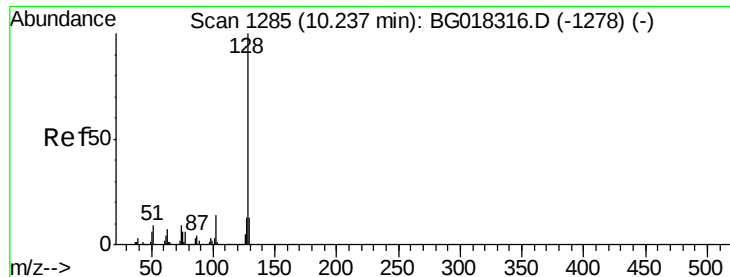
Target Compounds

						Qvalue
28) Naphthalene	10.24	128	6431	1.62	ng/ul	98
50) Acenaphthene	14.16	153	11597	3.29	ng/ul	97
54) Dibenzofuran	14.50	168	6965	1.34	ng/ul	90
59) Fluorene	15.15	166	11746	2.61	ng/ul	89
70) Phenanthrene	16.89	178	181473	26.35	ng/ul	97
72) Anthracene	16.98	178	39315	5.67	ng/ul	96
75) Carbazole	17.26	167	16293	3.04	ng/ul	99
77) Fluoranthene	18.93	202	317933	42.33	ng/ul	99
80) Pyrene	19.30	202	270076	40.19	ng/ul	98
83) Benzo(a)anthracene	21.05	228	140528	22.39	ng/ul	98
85) Chrysene	21.11	228	125696	21.65	ng/ul	96
88) Benzo(b)fluoranthene	22.58	252	160235	28.25	ng/ul#	94
89) Benzo(k)fluoranthene	22.58	252	160235	29.58	ng/ul	97
91) Benzo(a)pyrene	23.13	252	105487	20.65	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.38	276	91873	14.73	ng/ul	95
93) Dibenzo(a,h)anthracene	25.38	278	19039	3.50	ng/ul#	83
94) Benzo(g,h,i)perylene	26.05	276	84184	16.56	ng/ul#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

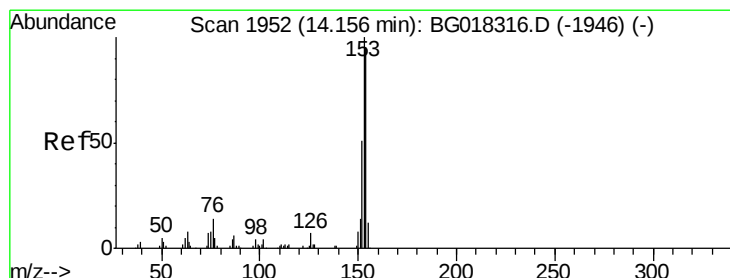
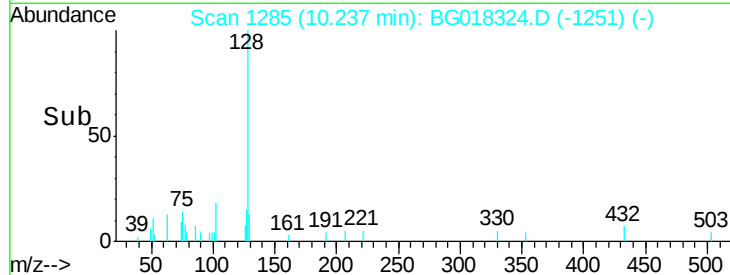
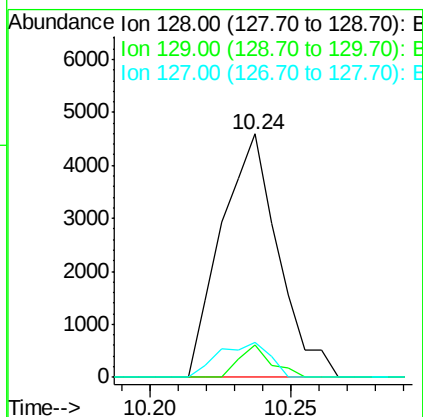
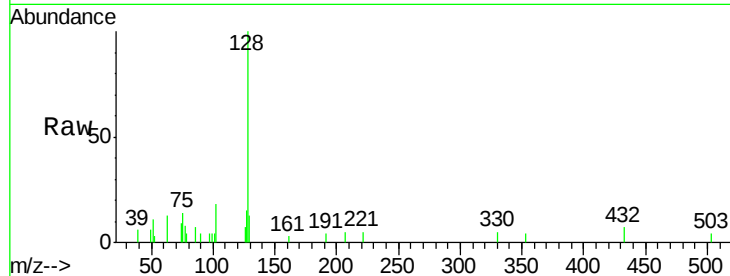
Quant Time: Aug 10 02:07:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration





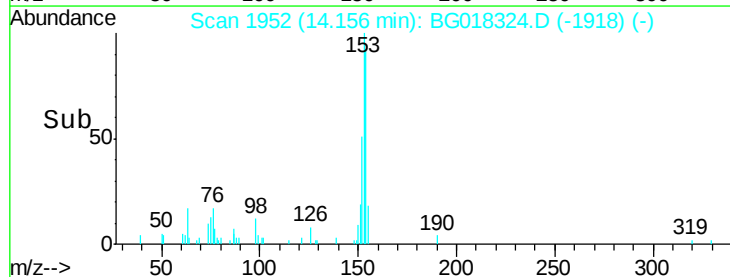
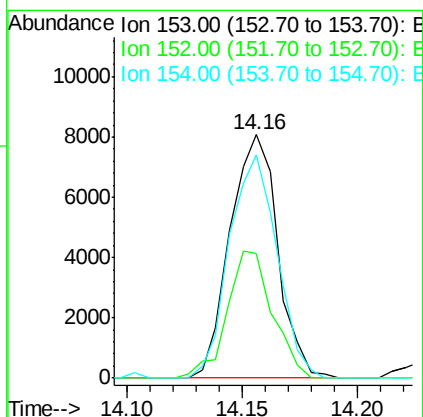
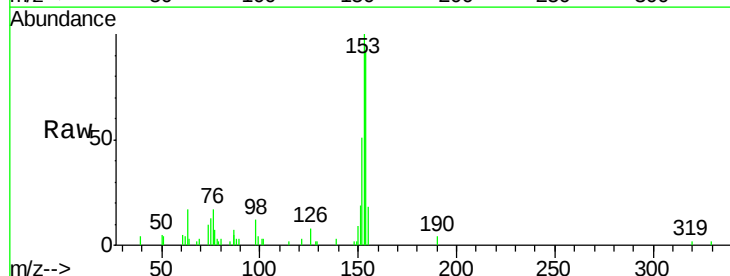
#28
Naphthalene
Concen: 1.62 ng/ul
RT: 10.24 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

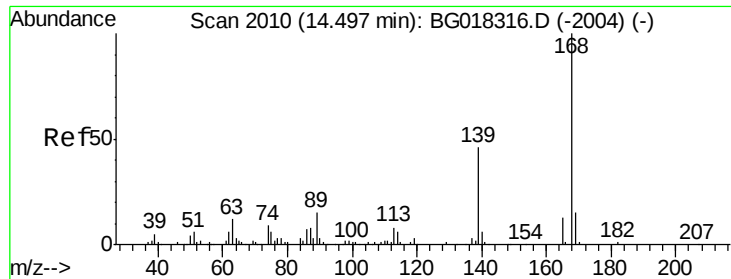
Tgt Ion:128 Resp: 6431
Ion Ratio Lower Upper
128 100
129 13.5 10.2 15.2
127 14.6 10.8 16.2



#50
Acenaphthene
Concen: 3.29 ng/ul
RT: 14.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

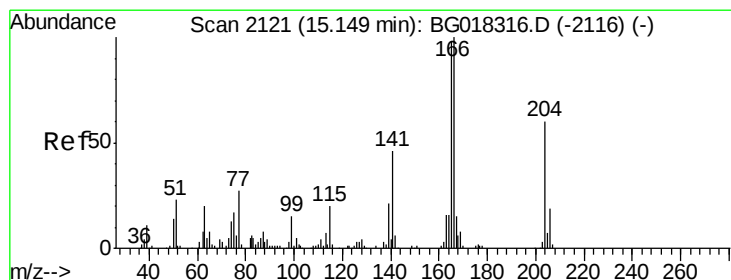
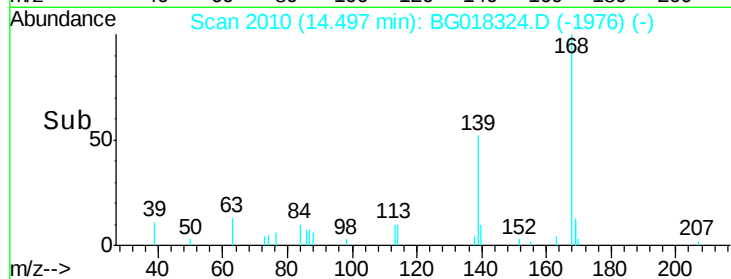
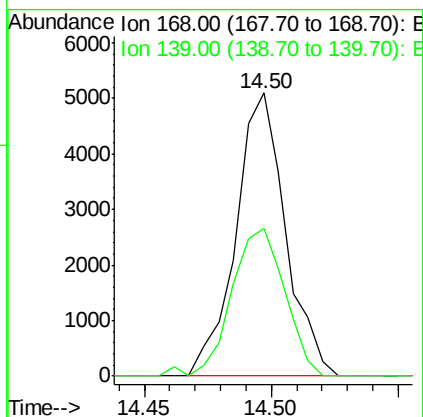
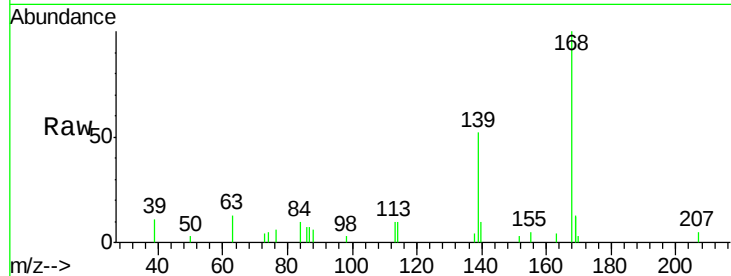
Tgt Ion:153 Resp: 11597
Ion Ratio Lower Upper
153 100
152 51.1 41.1 61.7
154 91.6 76.2 114.2





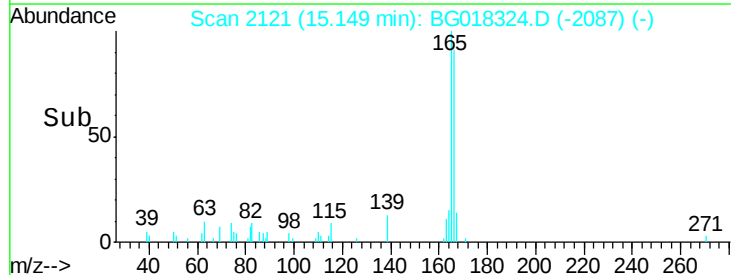
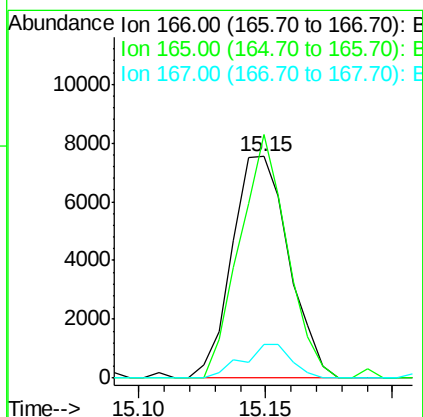
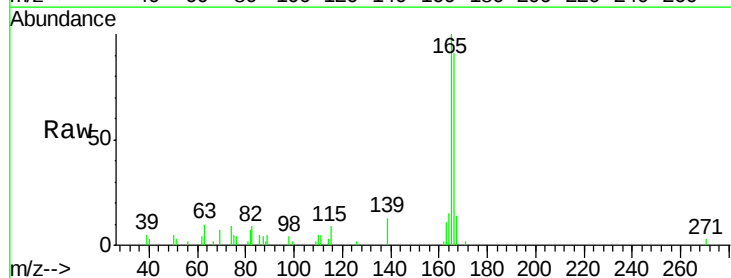
#54
Dibenzenofuran
Concen: 1.34 ng/ul
RT: 14.50 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

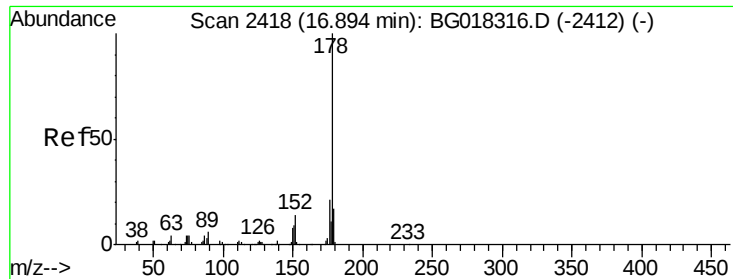
Tgt Ion:168 Resp: 6965
Ion Ratio Lower Upper
168 100
139 52.2 36.6 55.0



#59
Fluorene
Concen: 2.61 ng/ul
RT: 15.15 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG018324.D
Acq: 8 Aug 2015 10:44

Tgt Ion:166 Resp: 11746
Ion Ratio Lower Upper
166 100
165 110.1 78.5 117.7
167 15.2 11.9 17.9





#70

Phenanthrene

Concen: 26.35 ng/ul

RT: 16.89 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

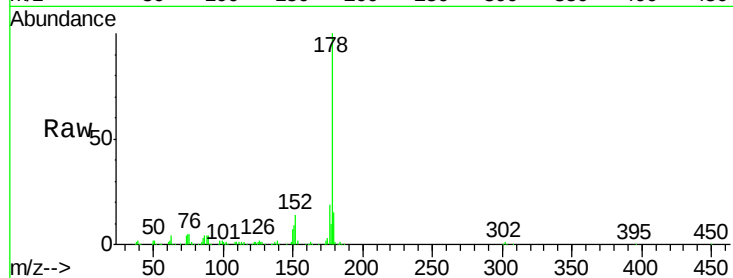
Tgt Ion:178 Resp: 181473

Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

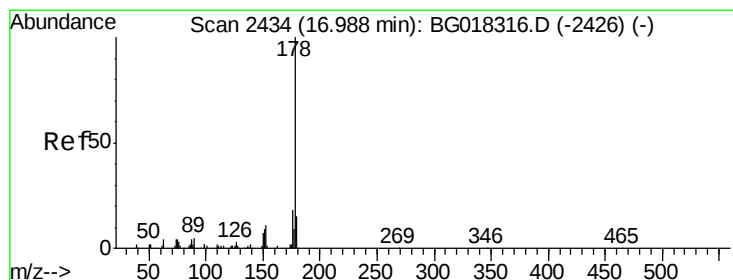
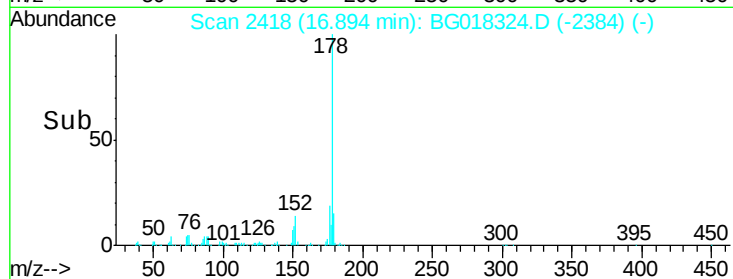
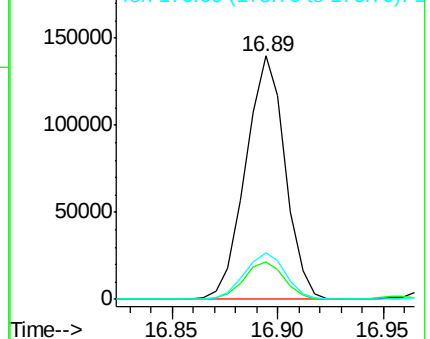
176 19.3 16.7 25.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 5.67 ng/ul

RT: 16.98 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

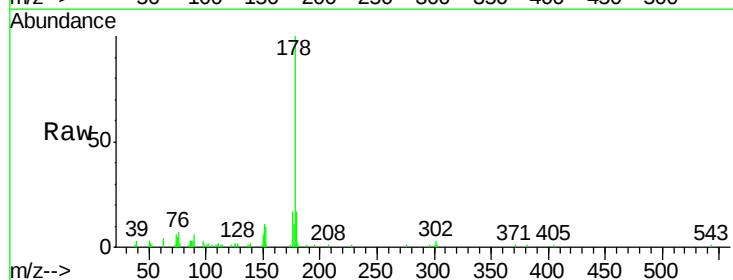
Tgt Ion:178 Resp: 39315

Ion Ratio Lower Upper

178 100

179 16.9 11.8 17.8

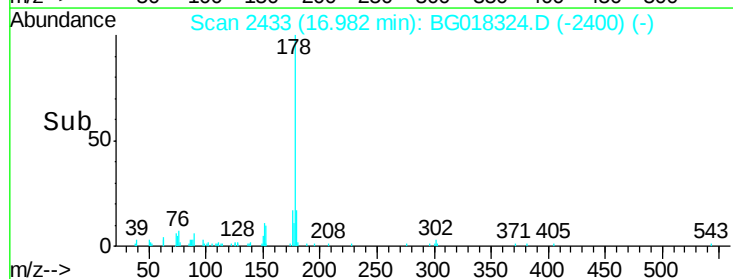
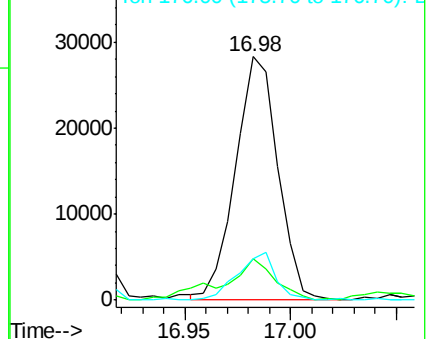
176 17.2 14.7 22.1

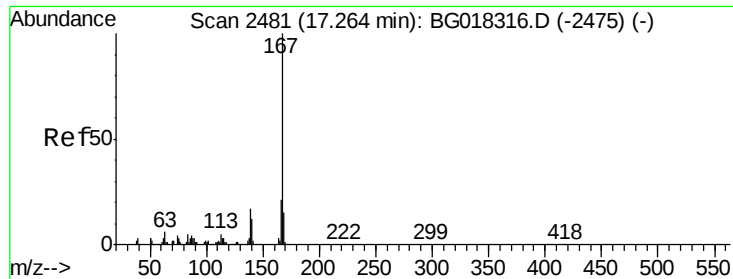


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 3.04 ng/ul

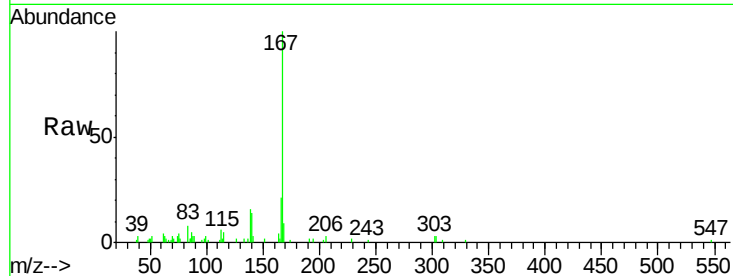
RT: 17.26 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

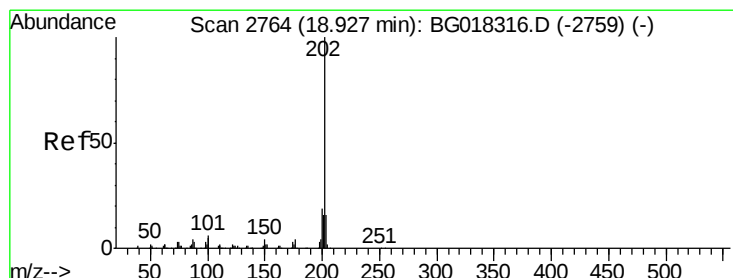
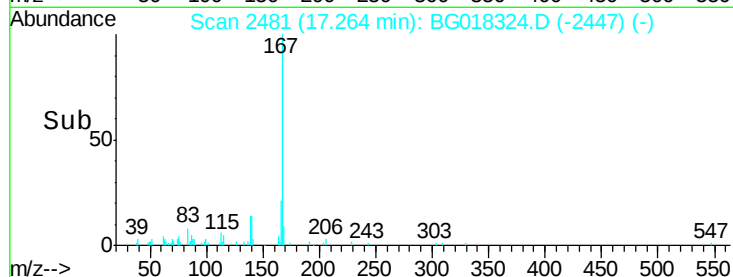
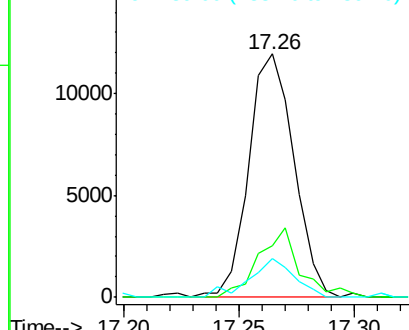
Tgt Ion:	167	Resp:	16293
Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.5	24.7
139	16.2	13.4	20.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 42.33 ng/ul

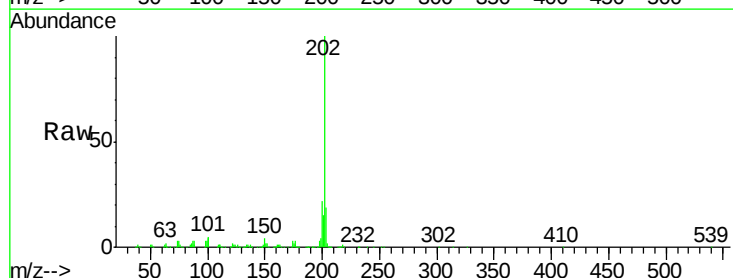
RT: 18.93 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BG018324.D

Acq: 8 Aug 2015 10:44

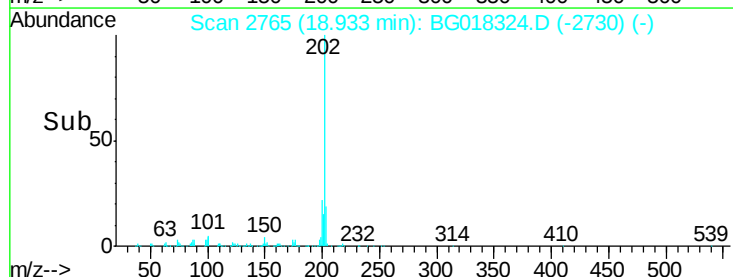
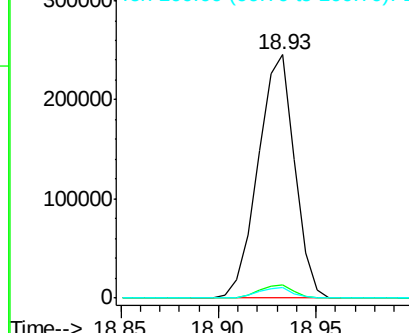
Tgt Ion:	202	Resp:	317933
Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.5	6.7
100	4.3	3.9	5.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018325.D
 Acq On : 8 Aug 2015 11:19
 Operator : UM/TP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 10 02:08:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	15083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	69128	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	47437	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	109276	20.00	ng/ul	0.10
78) Chrysene-d12	21.07	240	104835	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	93698	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.86	96	1938	6.86	ng/uL	0.00
5) Phenol-d5	6.61	99	25158	17.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	15557	19.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	20613	17.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	21372	17.85	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	11170	17.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	12521	17.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	24530	18.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	29022	19.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.51	166	79030	16.53	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	94533	17.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	8879	14.62	ng/ul	0.00
58) Fluorene-d10	15.10	176	74484	17.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	14997	18.57	ng/ul	0.00
71) Anthracene-d10	16.95	188	109276	18.53	ng/ul	0.00
79) Pyrene-d10	19.26	212	109355	18.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	105283	17.37	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	2485	7.09	ng/uL#	91
4) Benzaldehyde	6.55	77	20863	22.78	ng/ul#	85
6) Phenol	6.64	94	25292	17.66	ng/ul#	83
8) Bis(2-Chloroethyl)ether	6.84	93	20232	19.29	ng/ul	88
10) 2-Chlorophenol	6.98	128	20622	18.16	ng/ul#	87
11) 2-Methylphenol	7.88	108	21385	18.79	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	7.95	45	18853	19.91	ng/ul#	90
14) Acetophenone	8.23	105	36745	18.48	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.22	70	21561	17.97	ng/ul#	85
16) 4-Methylphenol	8.20	108	23670	18.81	ng/ul	85
17) Hexachloroethane	8.47	117	10540	17.89	ng/ul#	85
20) Nitrobenzene	8.60	77	32562	18.40	ng/ul#	90
21) Isophorone	9.12	82	57968	17.60	ng/ul	95
23) 2-Nitrophenol	9.31	139	12665	16.82	ng/ul	95
24) 2,4-Dimethylphenol	9.40	107	32606	17.99	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.62	93	28469	18.22	ng/ul#	96
27) 2,4-Dichlorophenol	9.86	162	22541	17.76	ng/ul	97
28) Naphthalene	10.24	128	70943	17.88	ng/ul	99
30) 4-Chloroaniline	10.36	127	28497	20.19	ng/ul	98
31) Hexachlorobutadiene	10.52	225	19916	18.15	ng/ul#	82
32) Caprolactam	11.11	113	6820	12.38	ng/ul#	83
33) 4-Chloro-3-methylphenol	11.52	107	30355	17.87	ng/ul	92
34) 2-Methylnaphthalene	11.87	142	55708	17.79	ng/ul	96

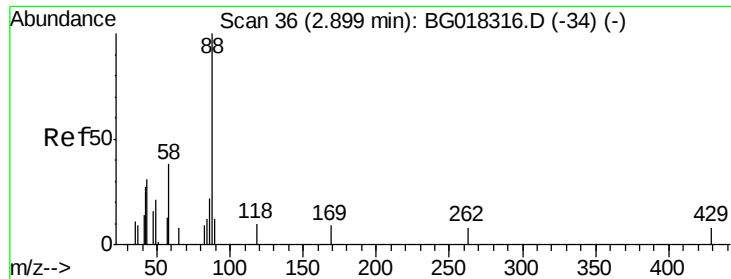
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018325.D
 Acq On : 8 Aug 2015 11:19
 Operator : UM/TP
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 10 02:08:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.09	142	54102	17.40	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.25	216	30869	17.58	ng/ul	90
38) Hexachlorocyclopentadiene	12.23	237	7234	11.27	ng/ul#	73
39) 2,4,6-Trichlorophenol	12.51	196	19727	17.20	ng/ul#	85
40) 2,4,5-Trichlorophenol	12.59	196	21603	17.93	ng/ul	95
41) 1,1'-Biphenyl	12.91	154	73132	17.34	ng/ul	98
42) 2-Chloronaphthalene	12.95	162	56759	17.58	ng/ul	95
43) 2-Nitroaniline	13.17	65	24232	20.28	ng/ul	90
45) Dimethylphthalate	13.56	163	80364	17.18	ng/ul#	98
46) 2,6-Dinitrotoluene	13.69	165	17656	17.51	ng/ul	93
48) Acenaphthylene	13.81	152	94400	17.88	ng/ul	98
49) 3-Nitroaniline	14.01	138	16704	19.31	ng/ul#	95
50) Acenaphthene	14.16	153	61824	17.39	ng/ul	97
51) 2,4-Dinitrophenol	14.25	184	5973	13.75	ng/ul#	65
53) 4-Nitrophenol	14.37	109	16469	16.78	ng/ul	96
54) Dibenzofuran	14.50	168	90414	17.27	ng/ul	98
55) 2,4-Dinitrotoluene	14.49	165	26242	17.59	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.74	232	19010	17.42	ng/ul#	87
57) Diethylphthalate	14.94	149	86544	16.84	ng/ul	96
59) Fluorene	15.15	166	77273	17.00	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.15	204	43768	16.82	ng/ul	98
61) 4-Nitroaniline	15.19	138	16024	18.24	ng/ul#	82
65) N-Nitrosodiphenylamine	15.37	169	66999	18.83	ng/ul	97
66) 4-Bromophenyl-phenylether	16.05	248	30205	18.98	ng/ul	96
67) Hexachlorobenzene	16.16	284	34909	18.06	ng/ul	98
68) Atrazine	16.34	200	29746	19.01	ng/ul	95
69) Pentachlorophenol	16.52	266	8689	15.85	ng/ul	88
70) Phenanthrene	16.99	178	125490	18.36	ng/ul	94
72) Anthracene	16.99	178	125490	18.25	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	32515	19.97	ng/uL	92
74) Pentachlorobenzene	14.42	250	38054	20.39	ng/uL	93
75) Carbazole	17.26	167	102938	19.37	ng/ul	96
76) Di-n-butylphthalate	17.83	149	140406	17.52	ng/ul	98
77) Fluoranthene	18.93	202	141492	18.99	ng/ul#	96
80) Pyrene	19.29	202	139423	18.25	ng/ul	98
81) Butylbenzylphthalate	20.21	149	59296	17.76	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.00	252	49028	18.00	ng/ul#	91
83) Benzo(a)anthracene	21.05	228	124483	17.44	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.00	149	80798	17.88	ng/ul	98
85) Chrysene	21.10	228	112943	17.11	ng/ul	96
87) Di-n-octyl phthalate	21.85	149	111563	17.13	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	118157	16.65	ng/ul#	96
89) Benzo(k)fluoranthene	22.62	252	113034	16.67	ng/ul	99
91) Benzo(a)pyrene	23.12	252	107171	16.77	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.38	276	142929	18.30	ng/ul	94
93) Dibenzo(a,h)anthracene	25.40	278	122748	18.04	ng/ul	98
94) Benzo(g,h,i)perylene	26.05	276	117572	18.48	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 7.09 ng/uL

RT: 2.90 min Scan# 37

Delta R.T. 0.01 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

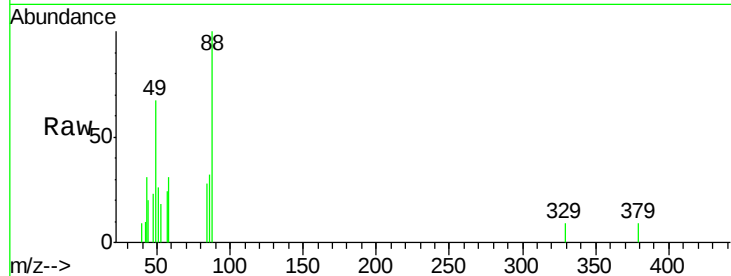
Tgt Ion: 88 Resp: 2485

Ion Ratio Lower Upper

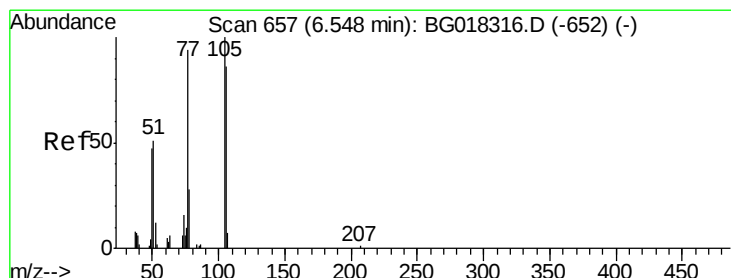
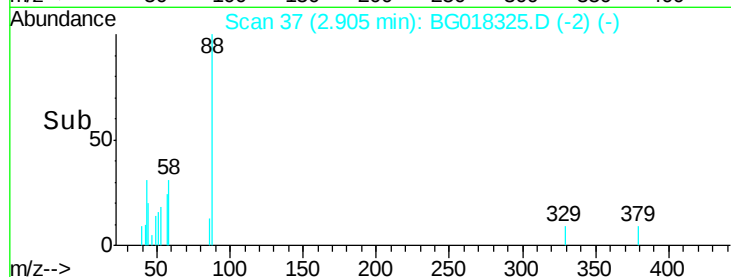
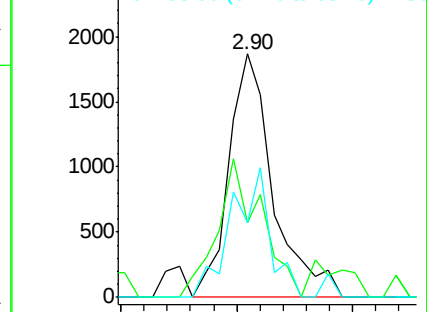
88 100

43 55.9 43.0 64.6

58 46.1 28.6 43.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 22.78 ng/uL

RT: 6.55 min Scan# 657

Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

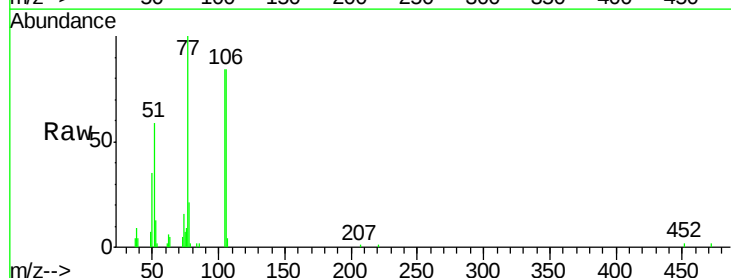
Tgt Ion: 77 Resp: 20863

Ion Ratio Lower Upper

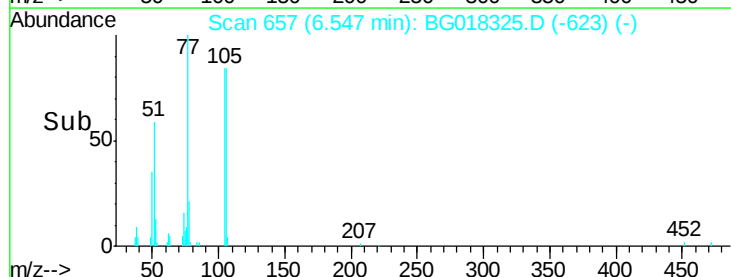
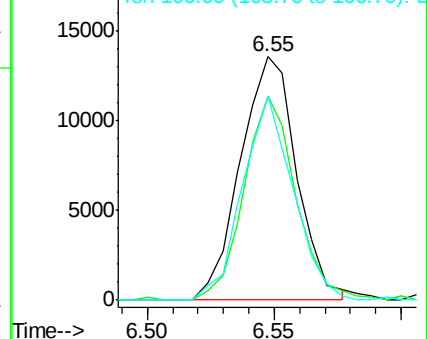
77 100

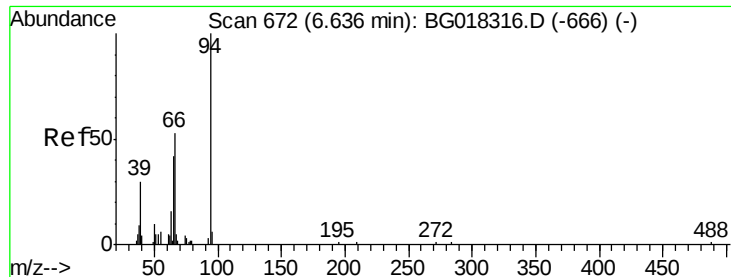
105 83.8 85.4 128.0#

106 84.0 73.0 109.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 17.66 ng/ul

RT: 6.64 min Scan# 672

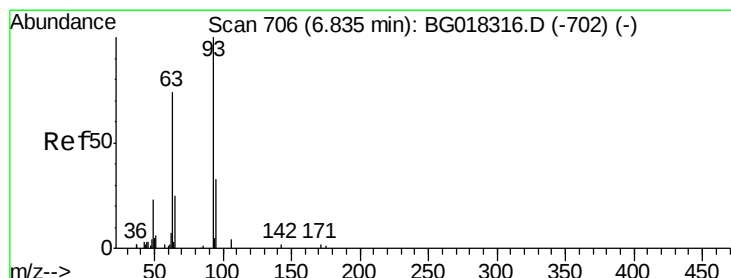
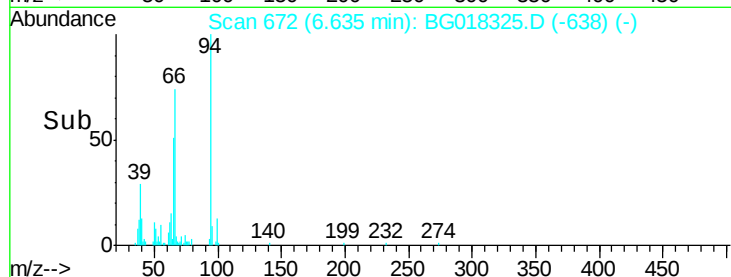
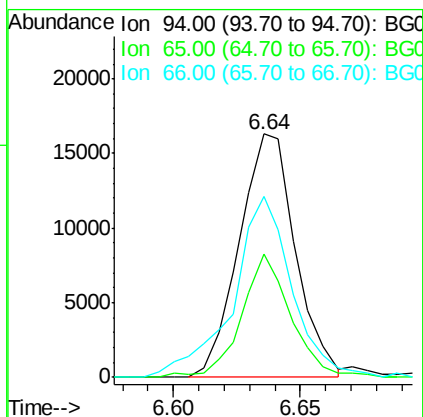
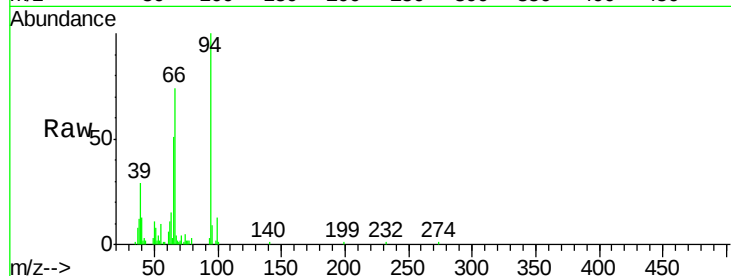
Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion: 94 Resp: 25292

Ion	Ratio	Lower	Upper
94	100		
65	50.6	34.7	52.1
66	74.3	46.7	70.1



#8

Bis(2-Chloroethyl)ether

Concen: 19.29 ng/ul

RT: 6.84 min Scan# 707

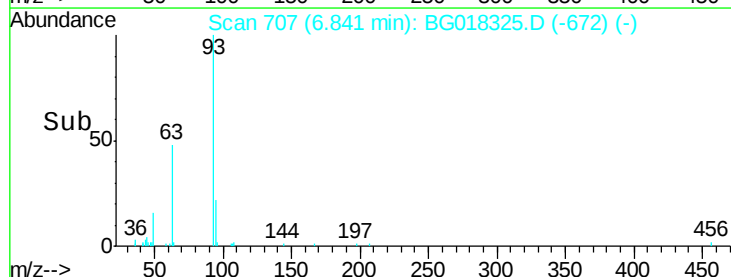
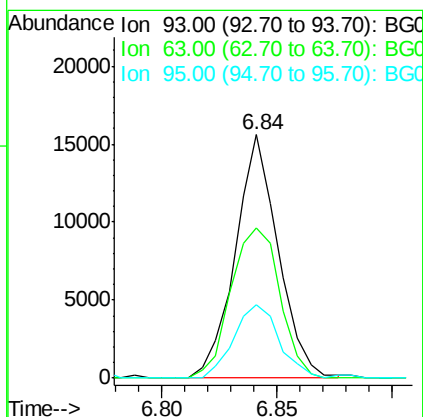
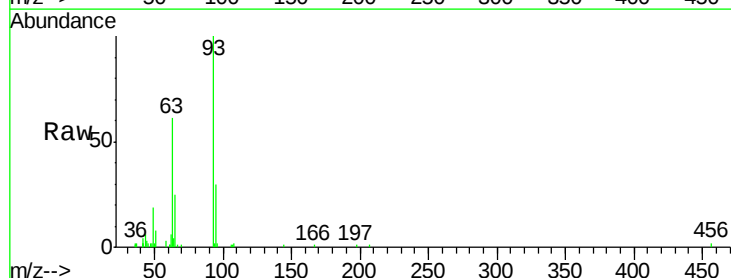
Delta R.T. 0.01 min

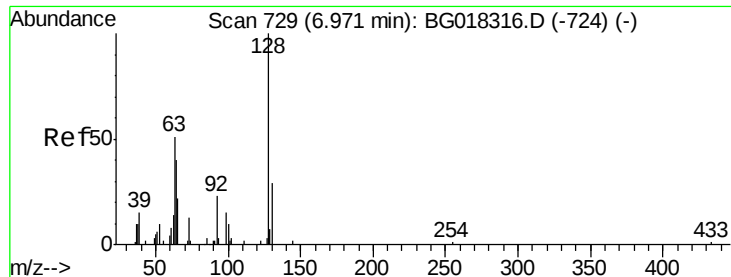
Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion: 93 Resp: 20232

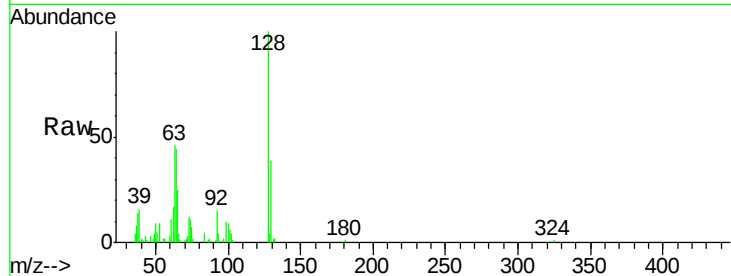
Ion	Ratio	Lower	Upper
93	100		
63	61.4	59.3	88.9
95	30.1	26.1	39.1



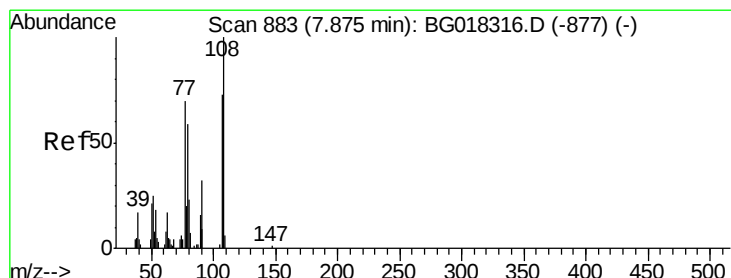
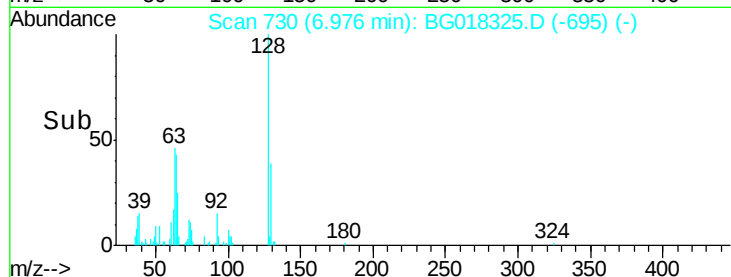
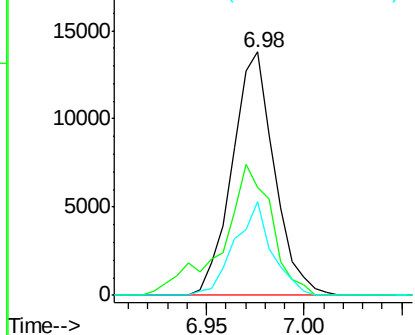


#10
2-Chlorophenol
Concen: 18.16 ng/ul
RT: 6.98 min Scan# 730
Delta R.T. 0.01 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion:128 Resp: 20622
Ion Ratio Lower Upper
128 100
64 44.3 41.0 61.4
130 38.5 23.2 34.8#

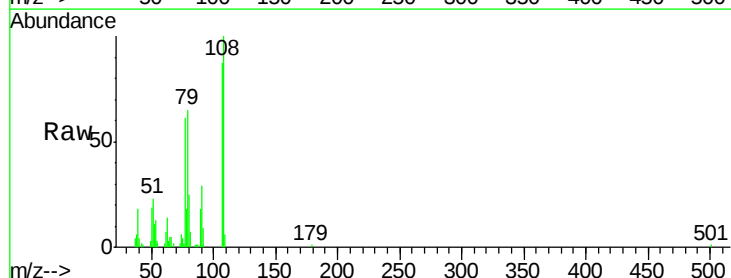


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BG018325.D (-695) (-)
Ion 130.00 (129.70 to 130.70): E

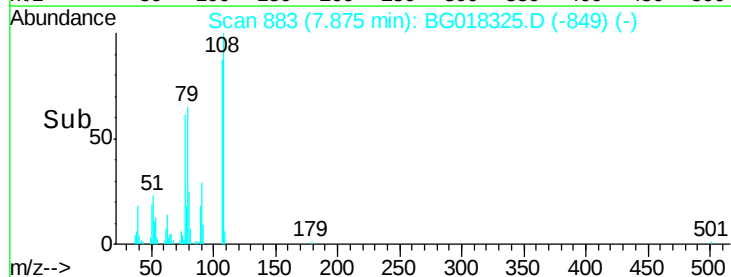
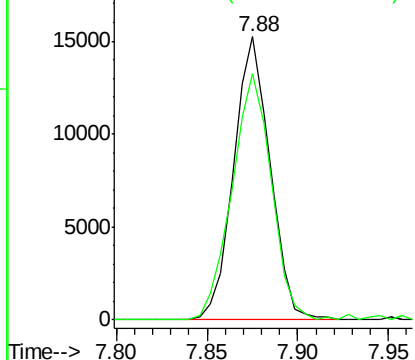


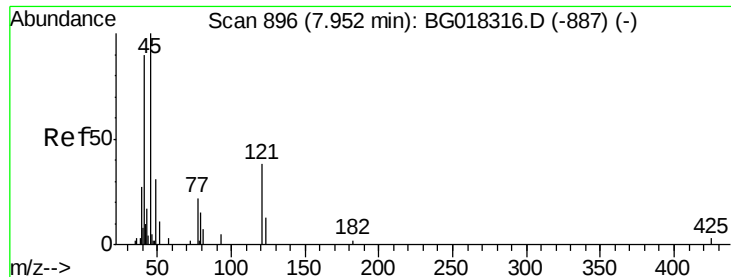
#11
2-Methylphenol
Concen: 18.79 ng/ul
RT: 7.88 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion:108 Resp: 21385
Ion Ratio Lower Upper
108 100
107 87.0 59.5 89.3



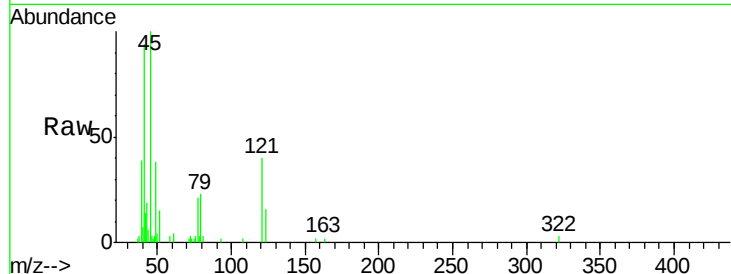
Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E



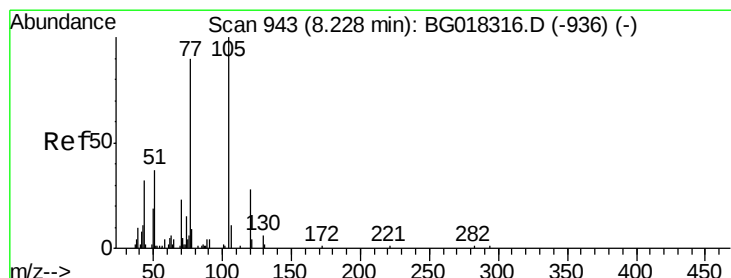
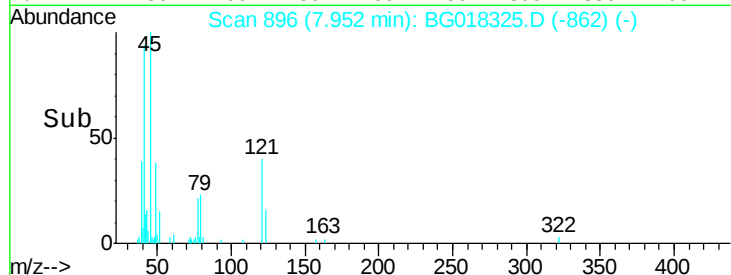
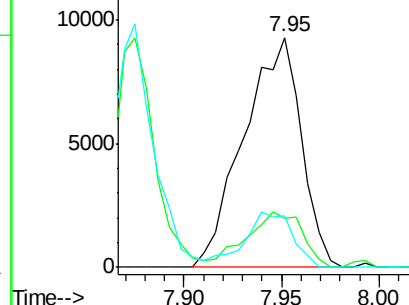


#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 19.91 ng/ul
 RT: 7.95 min Scan# 896
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.1	23.4	35.0#
79	22.7	17.0	25.6

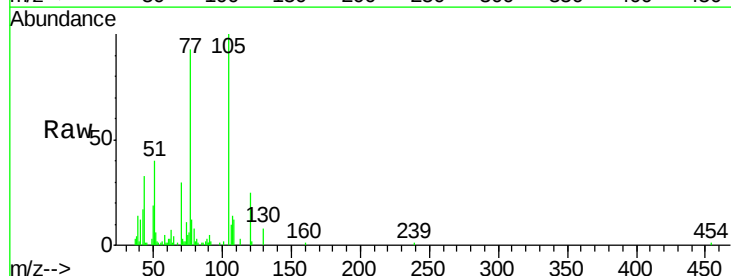


Abundance Ion 45.00 (44.70 to 45.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC
 Ion 79.00 (78.70 to 79.70): BGC

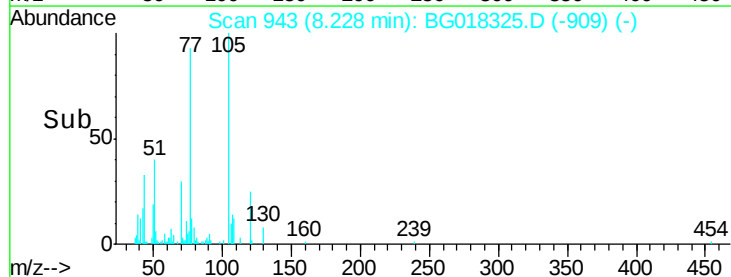
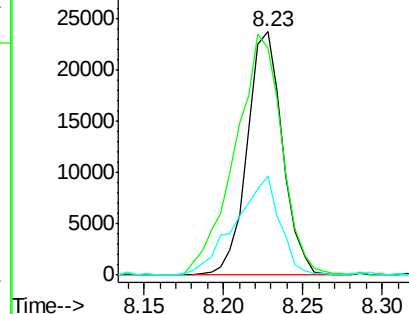


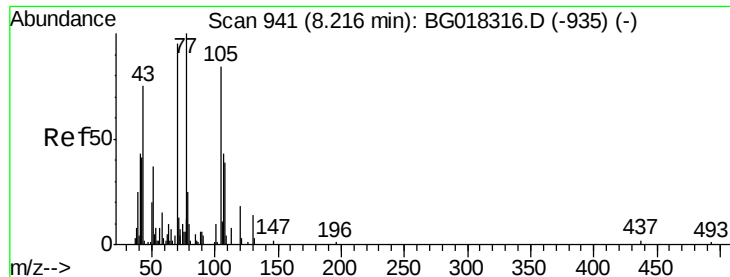
#14
 Acetophenone
 Concen: 18.48 ng/ul
 RT: 8.23 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion	Ratio	Lower	Upper
105	100		
77	93.3	80.2	120.4
51	40.4	33.1	49.7



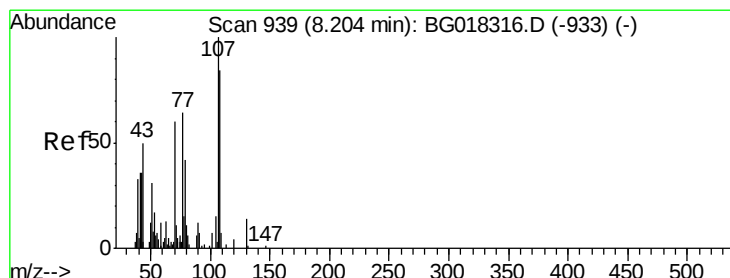
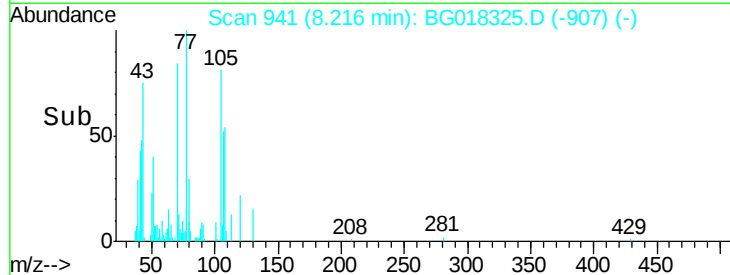
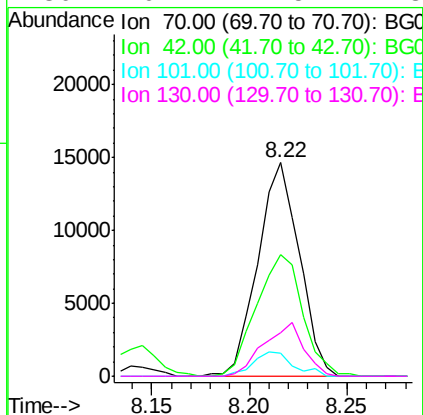
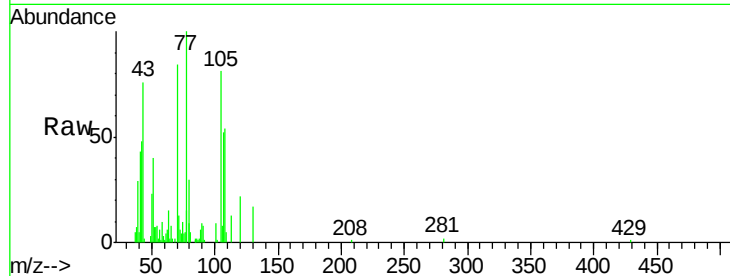
Abundance Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC





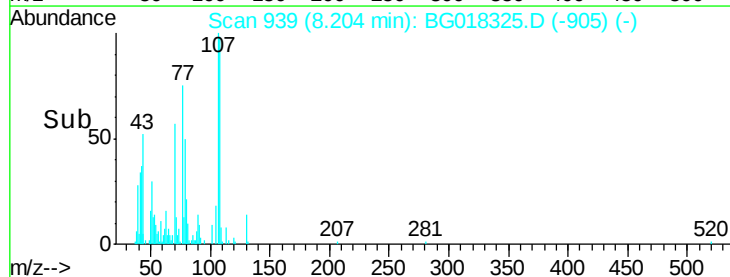
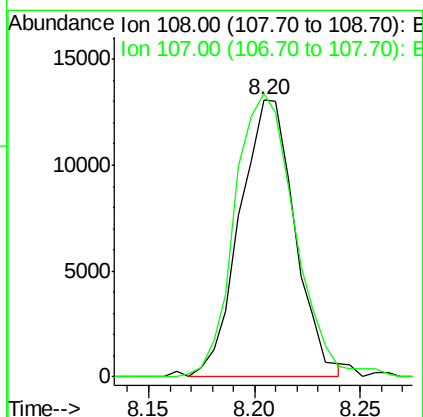
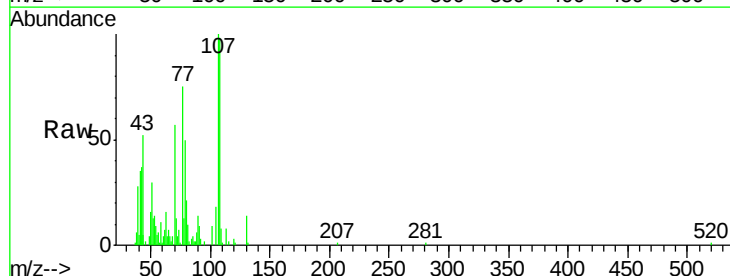
#15
N-Nitroso-di-n-propylamine
Concen: 17.97 ng/ul
RT: 8.22 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

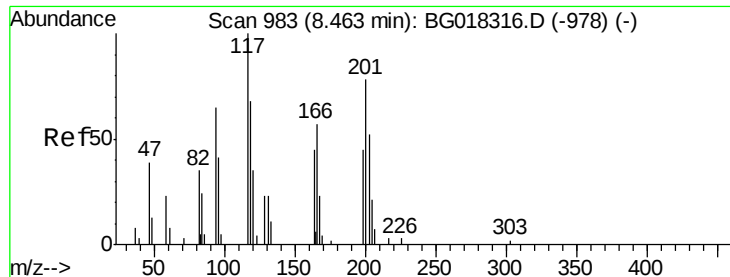
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.0	36.1	54.1#
101	11.1	8.2	12.2
130	20.1	11.5	17.3#



#16
4-Methylphenol
Concen: 18.81 ng/ul
RT: 8.20 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion	Ratio	Lower	Upper
108	100		
107	102.0	95.0	142.4





#17

Hexachloroethane

Concen: 17.89 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. 0.01 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

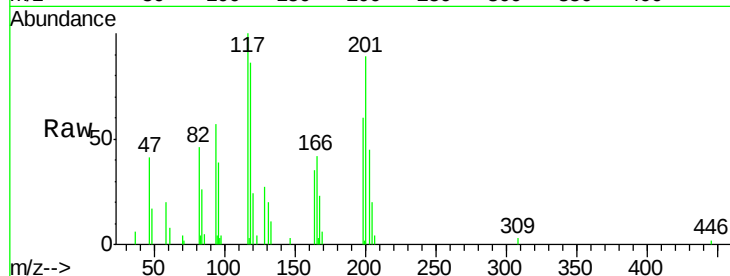
Tgt Ion: 117 Resp: 10540

Ion Ratio Lower Upper

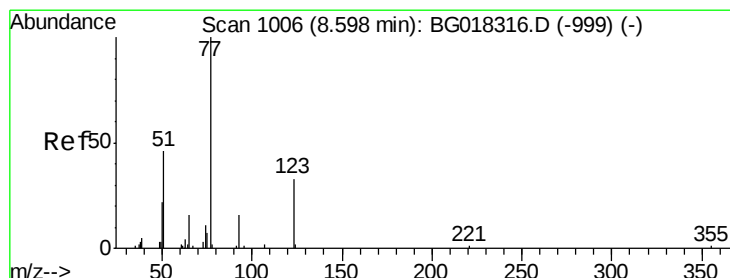
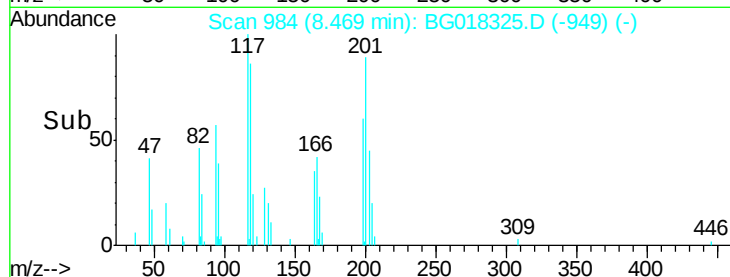
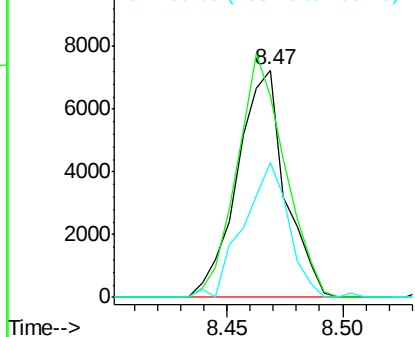
117 100

201 86.4 62.4 93.6

199 60.1 35.7 53.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 18.40 ng/ul

RT: 8.60 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

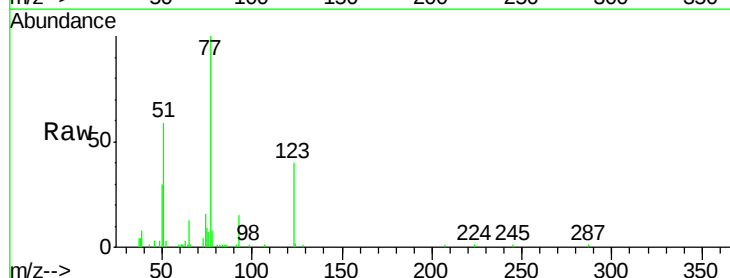
Tgt Ion: 77 Resp: 32562

Ion Ratio Lower Upper

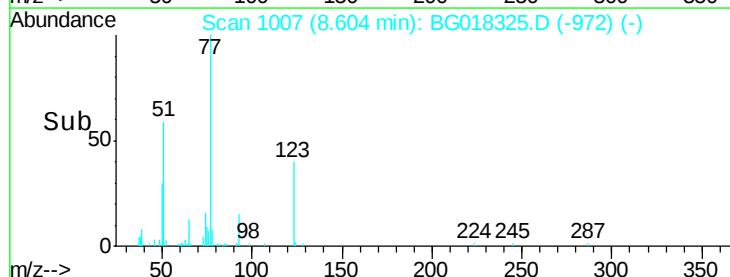
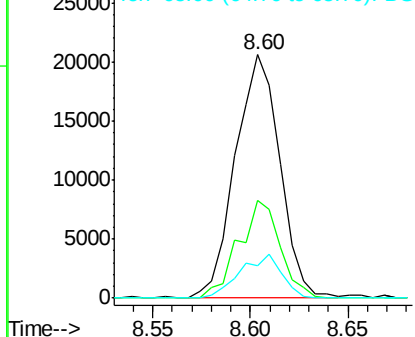
77 100

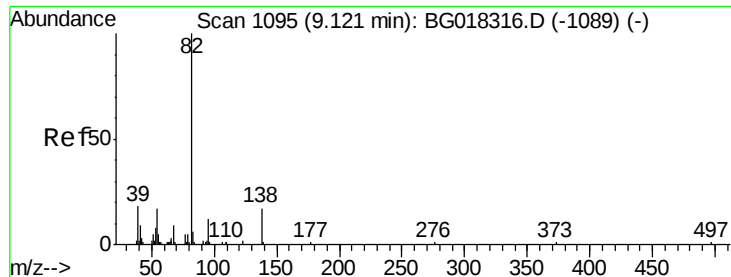
123 40.0 26.2 39.4#

65 13.5 12.7 19.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 17.60 ng/ul

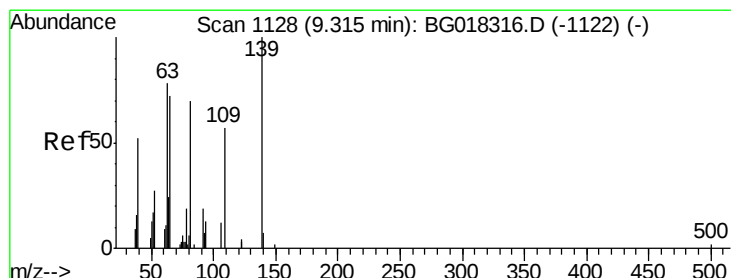
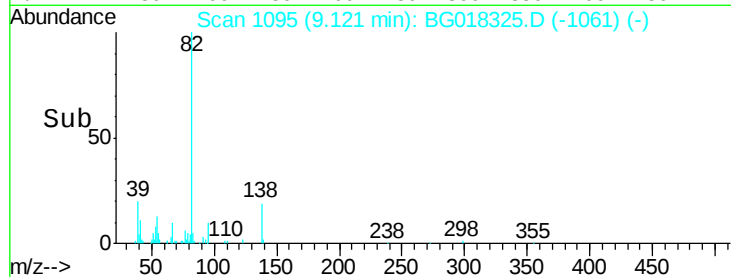
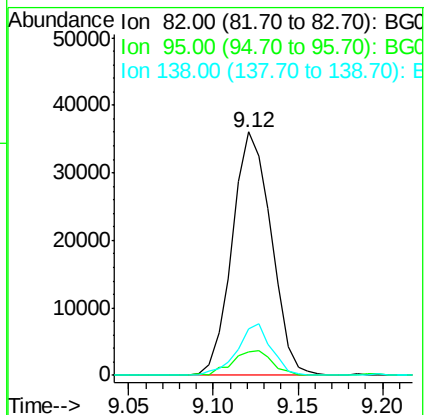
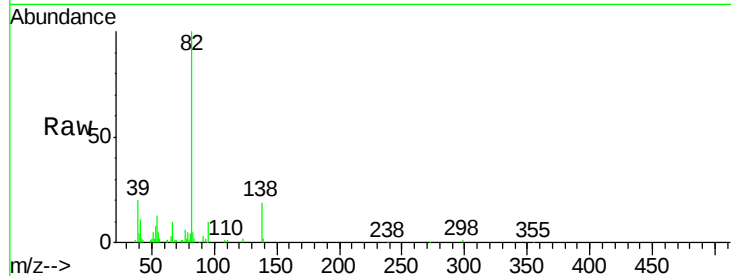
RT: 9.12 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:	82	Resp:	57968
Ion	Ratio	Lower	Upper
82	100		
95	9.9	9.6	14.4
138	18.9	13.6	20.4



#23

2-Nitrophenol

Concen: 16.82 ng/ul

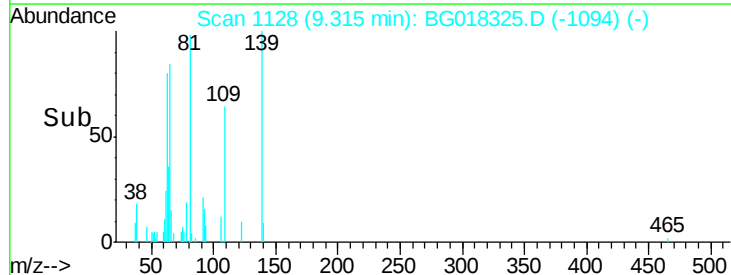
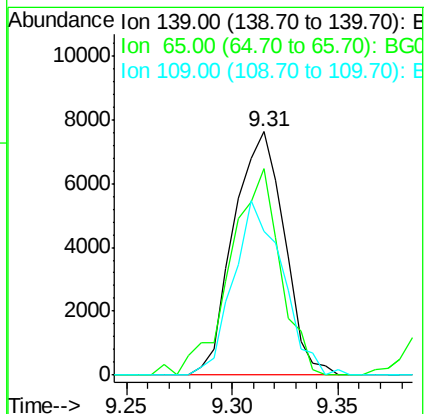
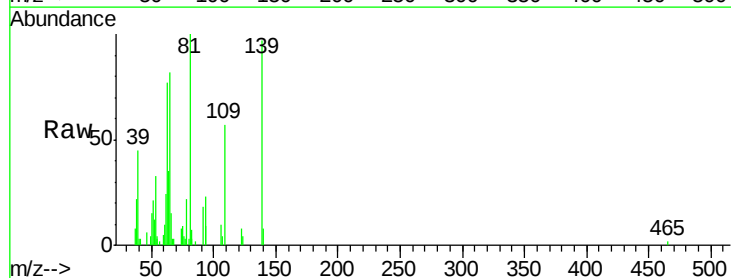
RT: 9.31 min Scan# 1128

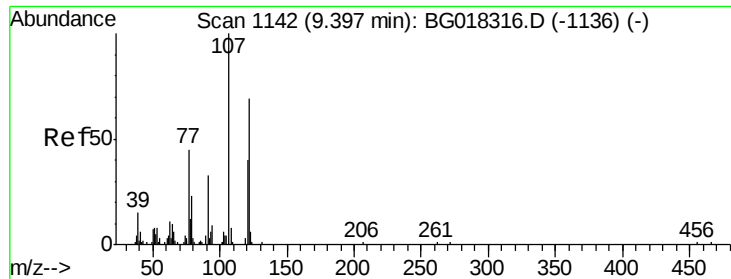
Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

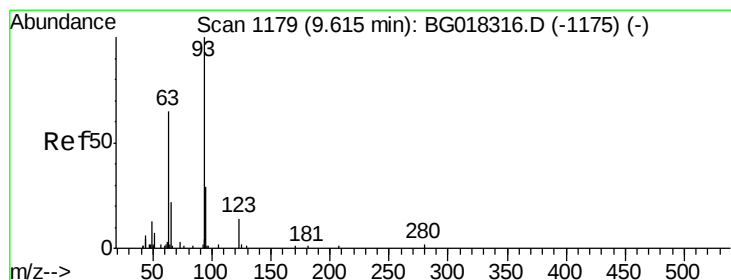
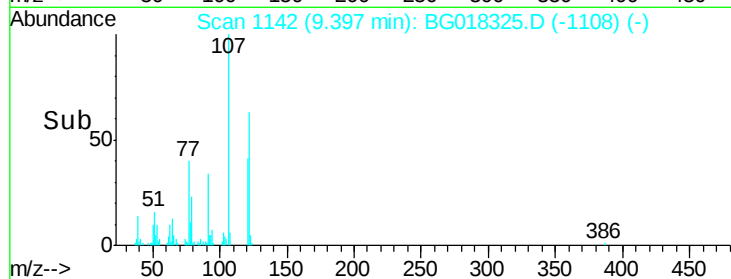
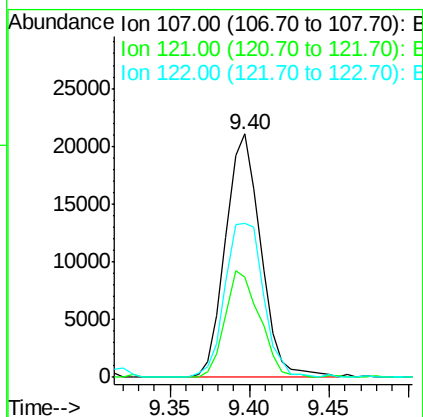
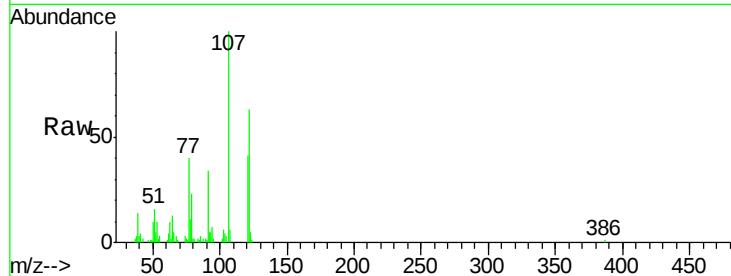
Tgt Ion:	139	Resp:	12665
Ion	Ratio	Lower	Upper
139	100		
65	84.7	62.9	94.3
109	59.0	45.8	68.8





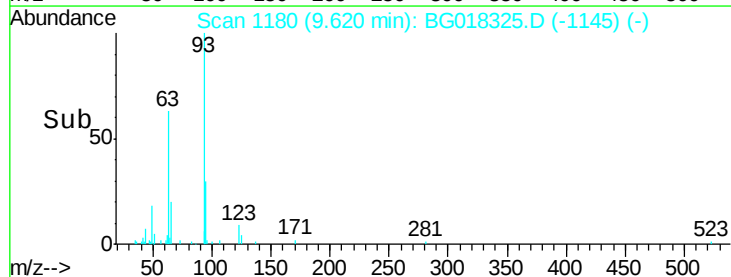
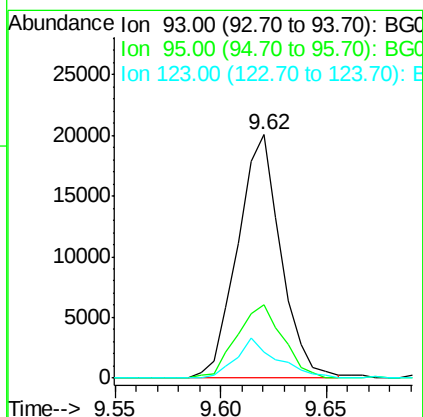
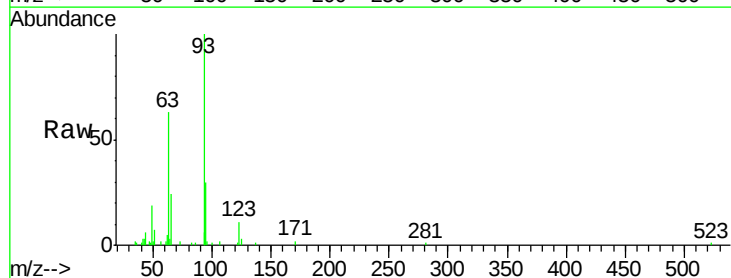
#24
 2,4-Dimethylphenol
 Concen: 17.99 ng/ul
 RT: 9.40 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

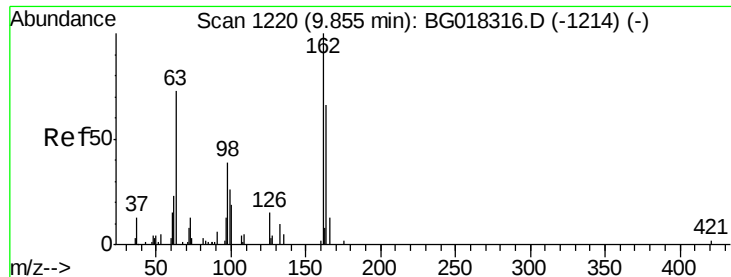
Tgt Ion: 107 Resp: 32606
 Ion Ratio Lower Upper
 107 100
 121 41.3 32.3 48.5
 122 63.3 55.4 83.2



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.22 ng/ul
 RT: 9.62 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

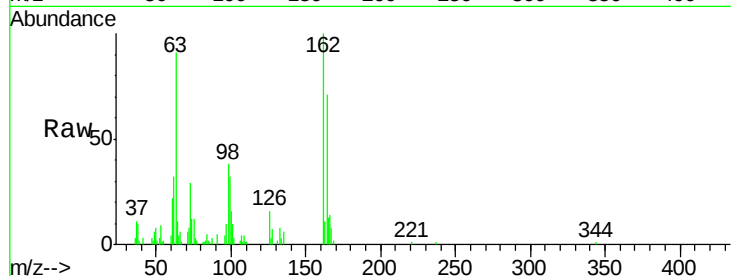
Tgt Ion: 93 Resp: 28469
 Ion Ratio Lower Upper
 93 100
 95 30.0 24.5 36.7
 123 10.5 11.4 17.2#



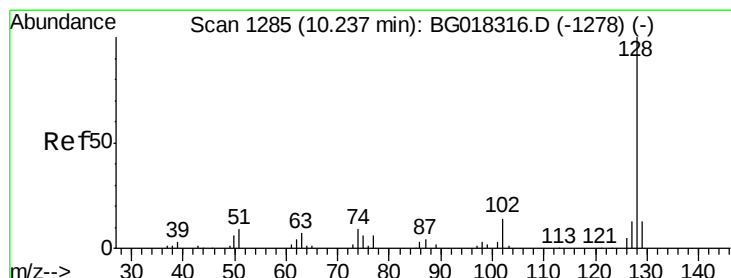
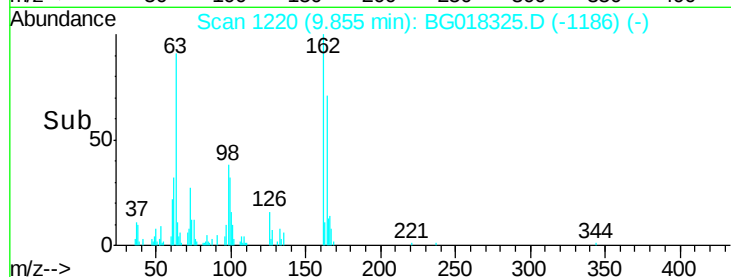
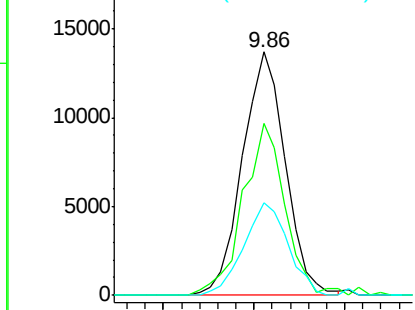


#27
 2,4-Dichlorophenol
 Concen: 17.76 ng/ul
 RT: 9.86 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion	Ratio	Lower	Upper
162	100		
164	70.6	53.9	80.9
98	38.0	31.4	47.0

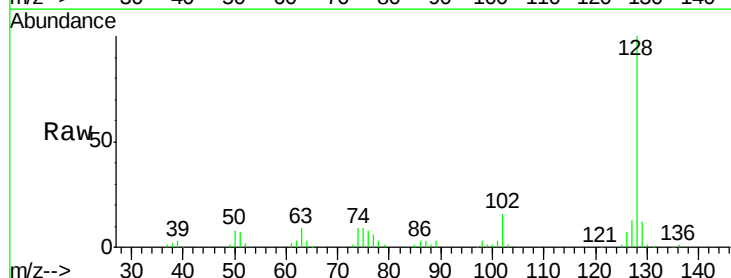


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

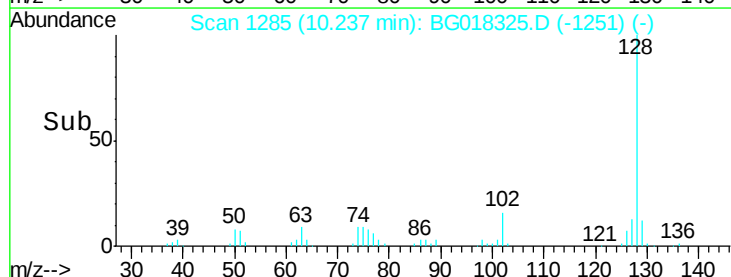
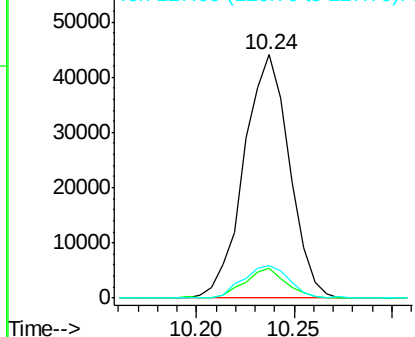


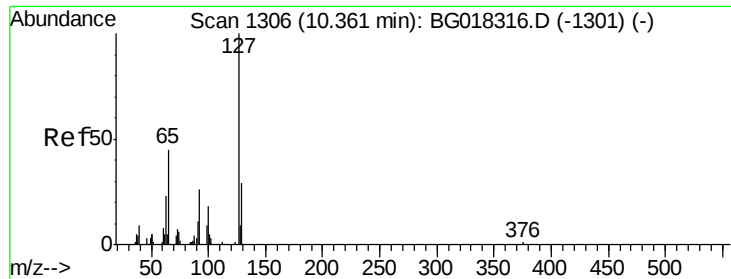
#28
 Naphthalene
 Concen: 17.88 ng/ul
 RT: 10.24 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.2	15.2
127	13.1	10.8	16.2



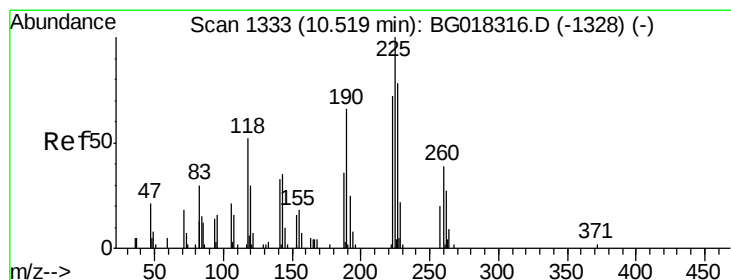
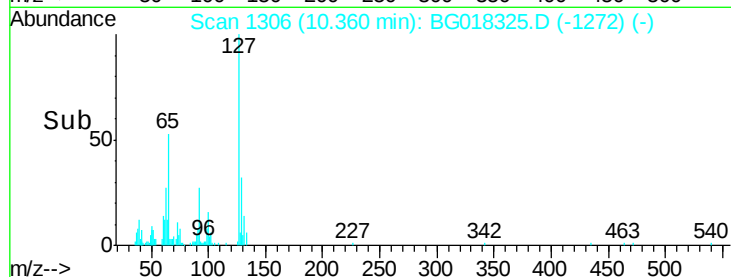
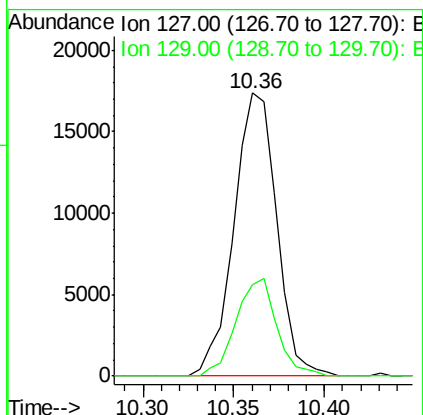
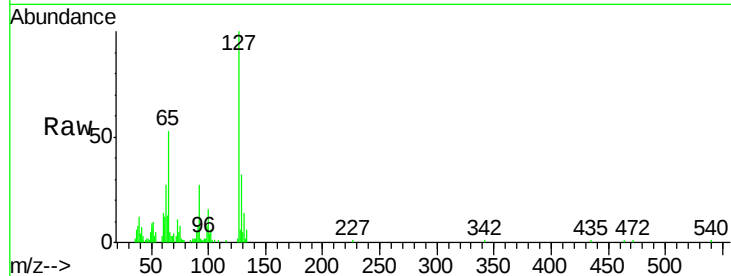
Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





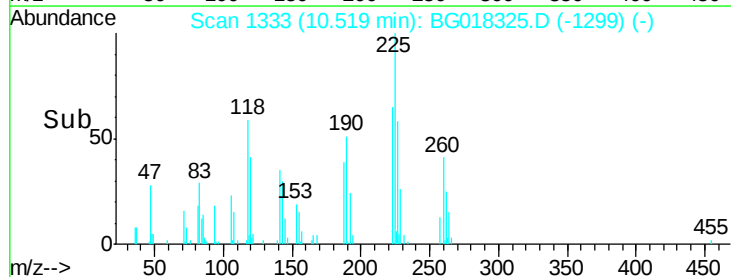
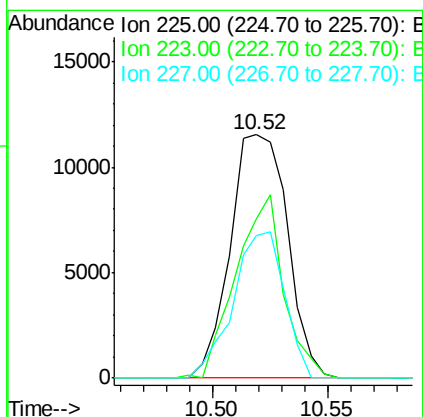
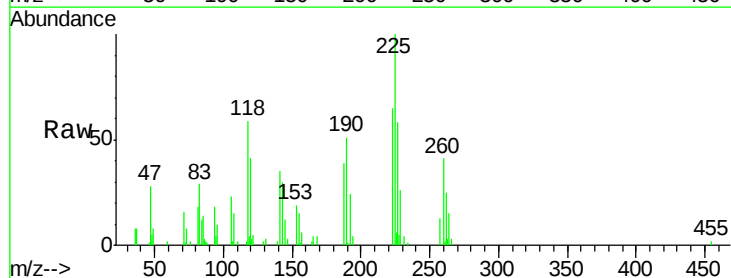
#30
4-Chloroaniline
Concen: 20.19 ng/ul
RT: 10.36 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

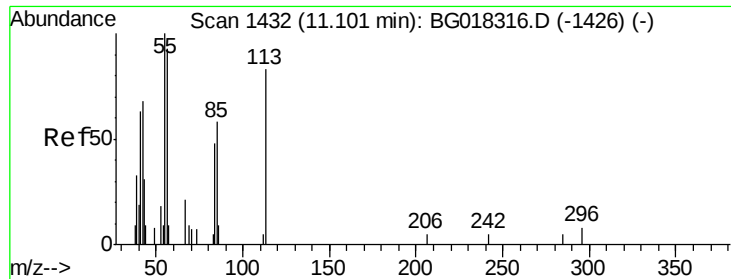
Tgt Ion:127 Resp: 28497
Ion Ratio Lower Upper
127 100
129 32.2 25.0 37.4



#31
Hexachlorobutadiene
Concen: 18.15 ng/ul
RT: 10.52 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion:225 Resp: 19916
Ion Ratio Lower Upper
225 100
223 61.4 57.4 86.0
227 59.1 62.8 94.2#





#32

Caprolactam

Concen: 12.38 ng/ul

RT: 11.11 min Scan# 1433

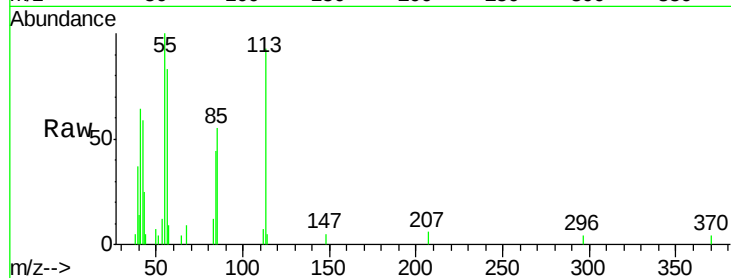
Delta R.T. 0.01 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:113 Resp: 6820

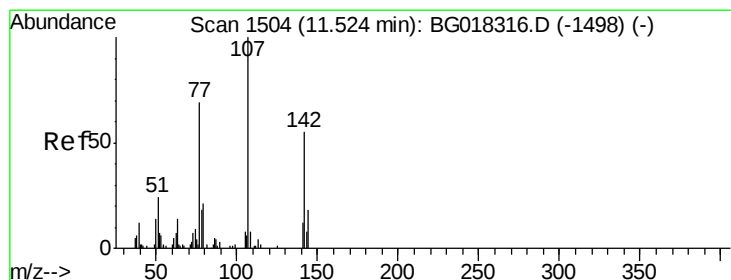
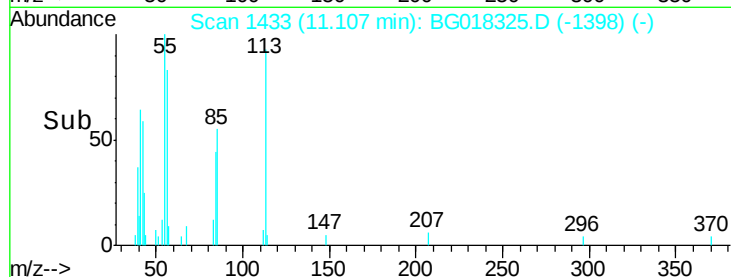
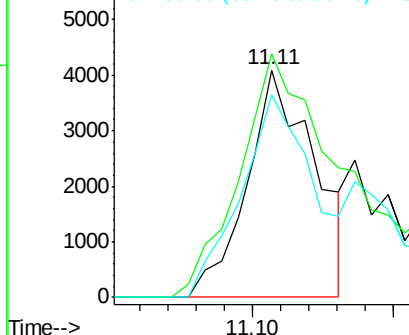
Ion	Ratio	Lower	Upper
113	100		
55	107.1	96.6	145.0
56	89.4	89.8	134.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 17.87 ng/ul

RT: 11.52 min Scan# 1504

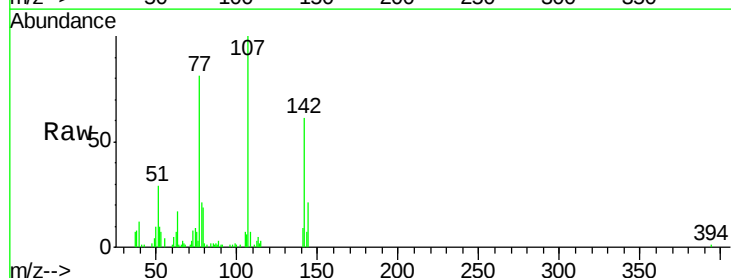
Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:107 Resp: 30355

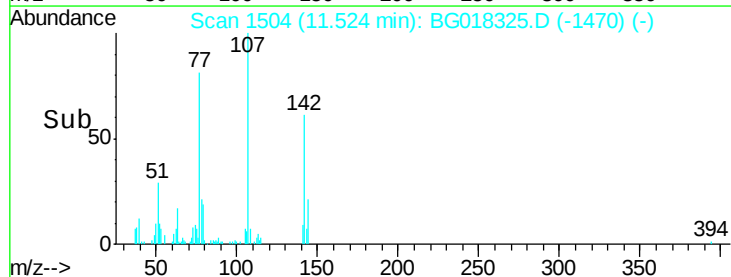
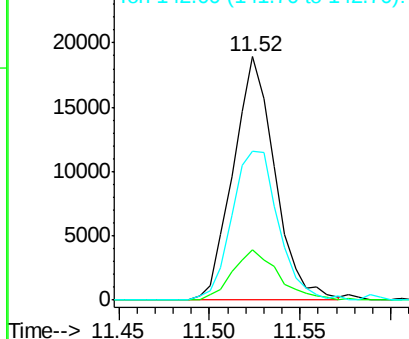
Ion	Ratio	Lower	Upper
107	100		
144	20.9	14.2	21.4
142	61.4	44.2	66.4

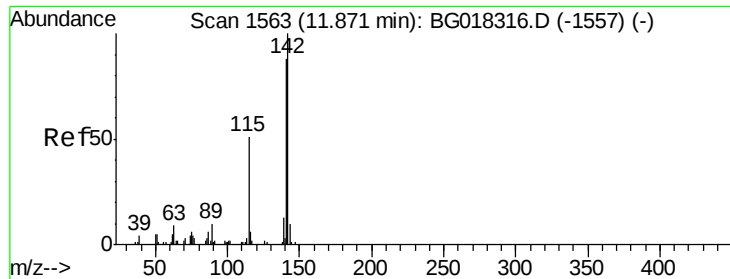


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

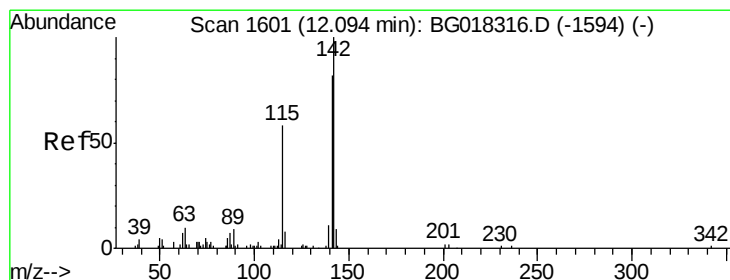
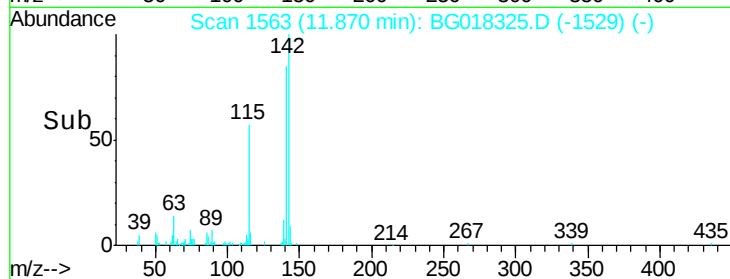
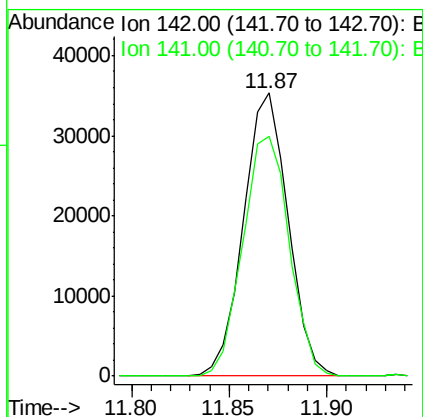
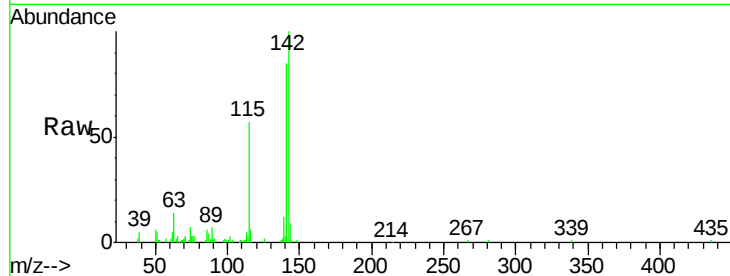
Ion 142.00 (141.70 to 142.70): E





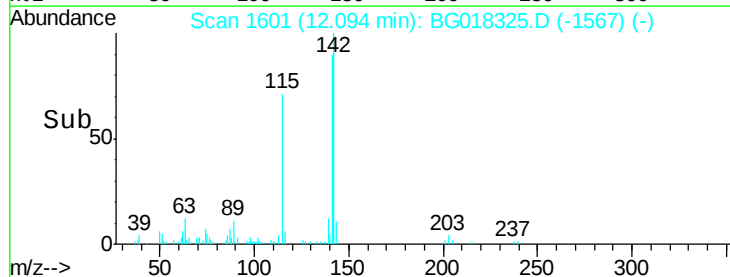
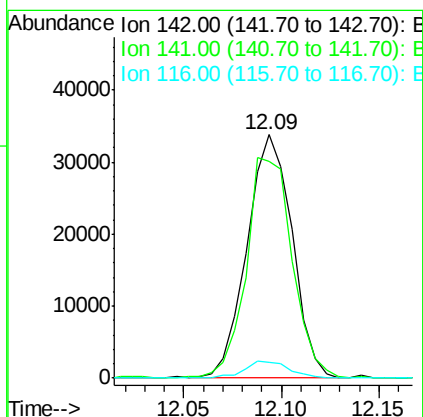
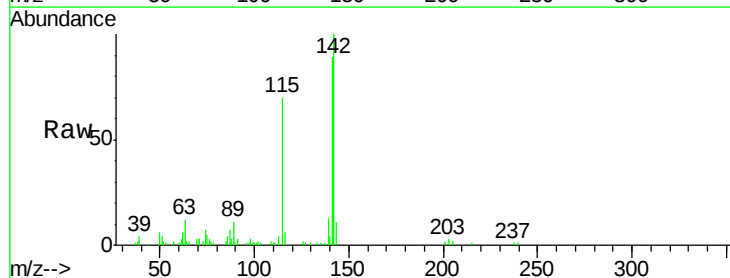
#34
2-Methylnaphthalene
Concen: 17.79 ng/ul
RT: 11.87 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

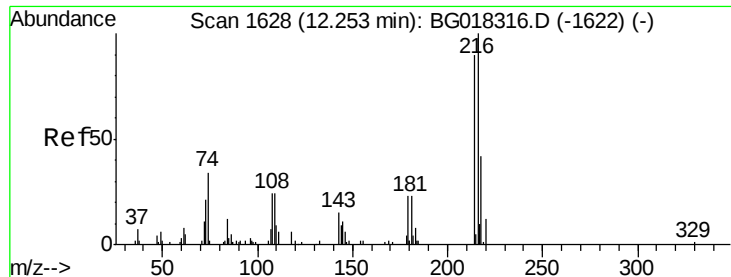
Tgt Ion:142 Resp: 55708
Ion Ratio Lower Upper
142 100
141 84.7 70.4 105.6



#35
1-Methylnaphthalene
Concen: 17.40 ng/ul
RT: 12.09 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

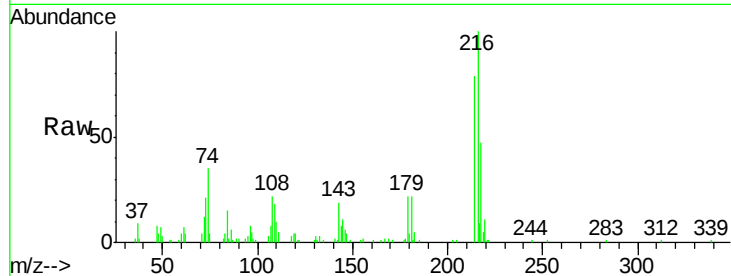
Tgt Ion:142 Resp: 54102
Ion Ratio Lower Upper
142 100
141 89.1 65.4 98.2
116 6.5 6.3 9.5



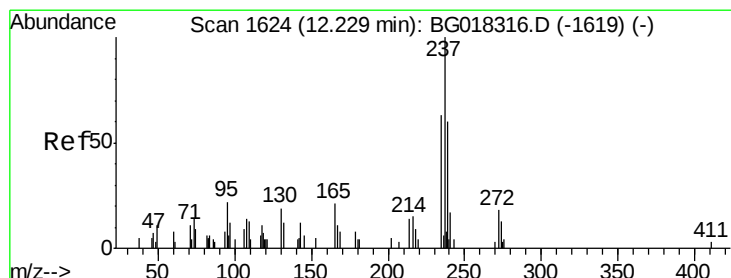
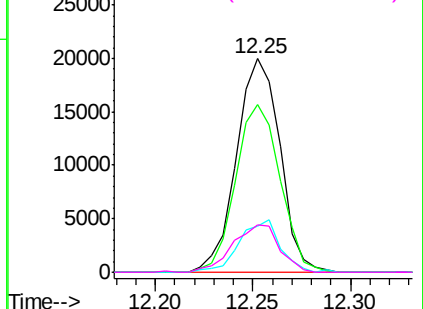
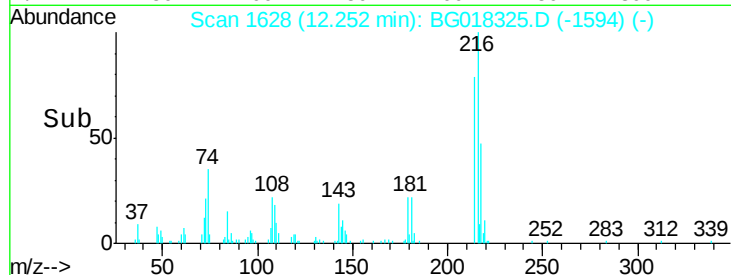


#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 17.58 ng/ul
 RT: 12.25 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion:	216	Resp:	30869
Ion	Ratio	Lower	Upper
216	100		
214	78.6	72.4	108.6
179	21.8	19.8	29.6
108	22.3	19.8	29.6

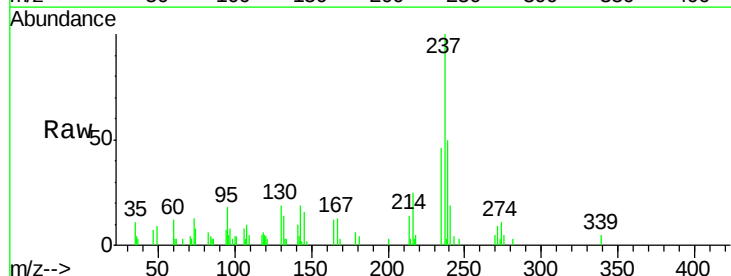


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

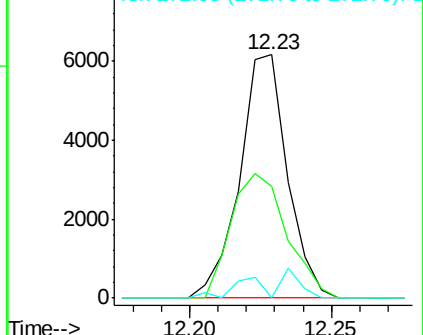
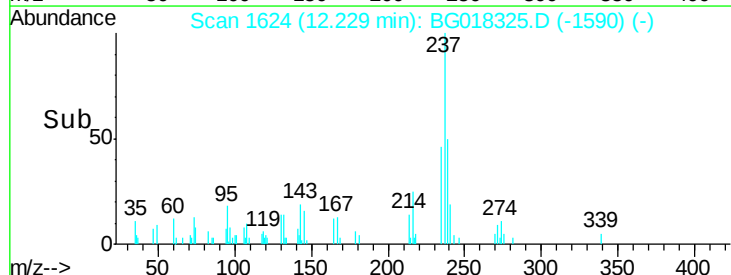


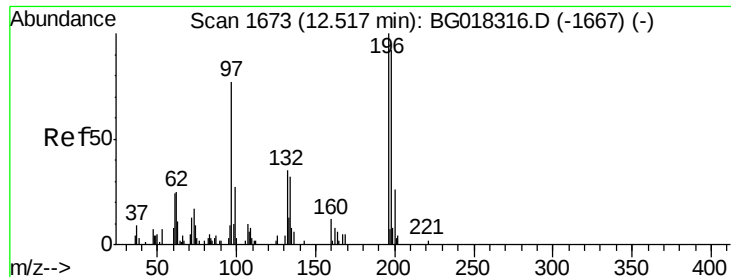
#38
 Hexachlorocyclopentadiene
 Concen: 11.27 ng/ul
 RT: 12.23 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion:	237	Resp:	7234
Ion	Ratio	Lower	Upper
237	100		
235	45.8	50.6	76.0#
272	0.0	14.8	22.2#



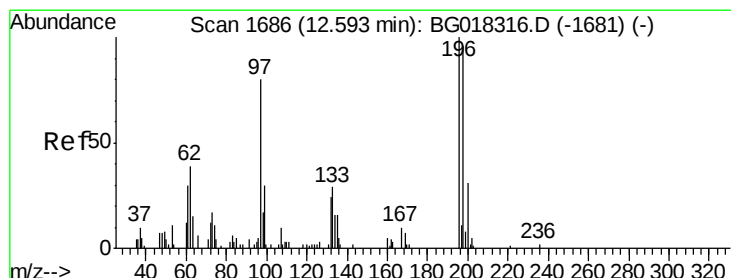
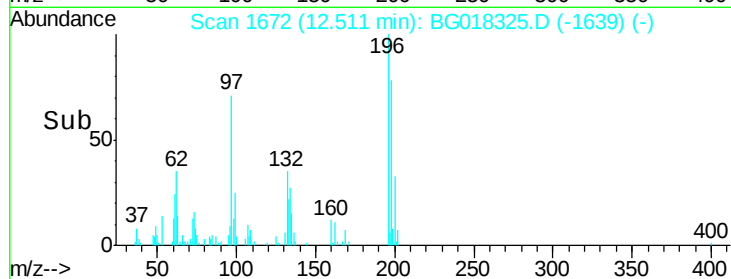
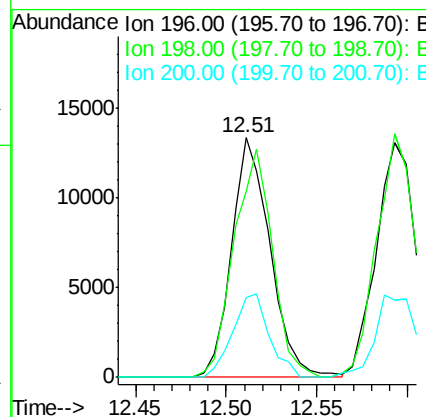
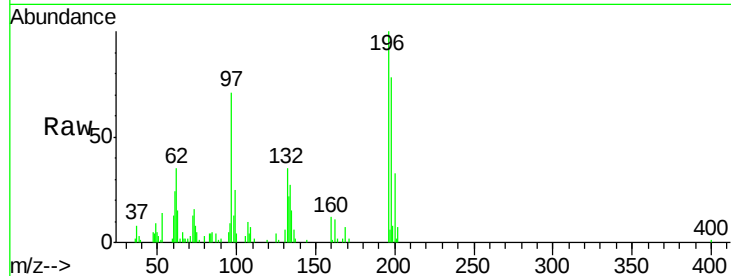
Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E





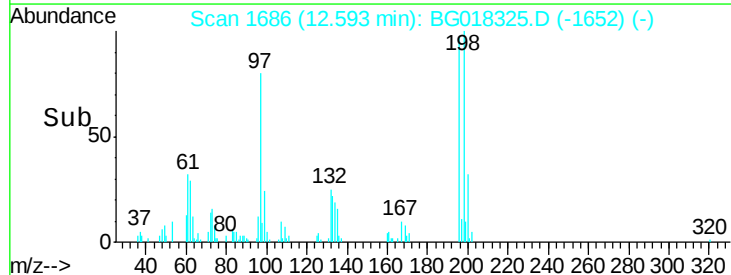
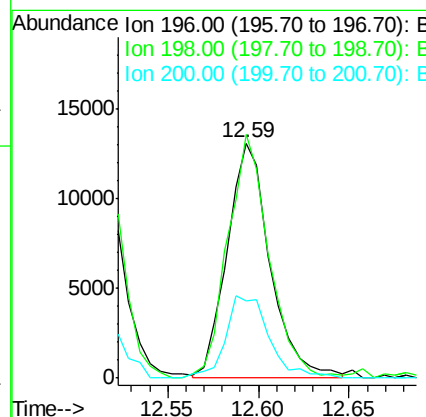
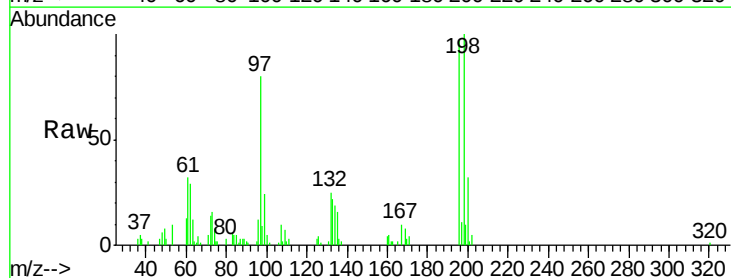
#39
 2,4,6-Trichlorophenol
 Concen: 17.20 ng/ul
 RT: 12.51 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

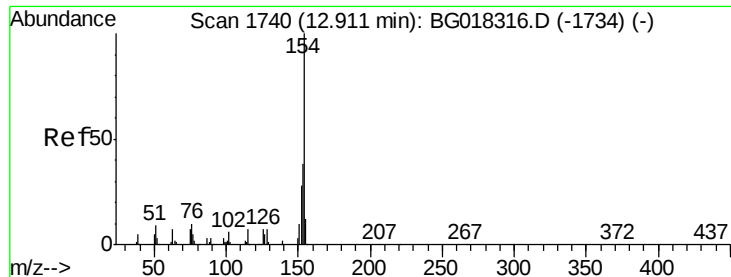
Tgt Ion:196 Resp: 19727
 Ion Ratio Lower Upper
 196 100
 198 77.6 73.7 110.5
 200 33.4 21.1 31.7#



#40
 2,4,5-Trichlorophenol
 Concen: 17.93 ng/ul
 RT: 12.59 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion:196 Resp: 21603
 Ion Ratio Lower Upper
 196 100
 198 103.6 78.1 117.1
 200 32.7 24.7 37.1





#41

1,1'-Biphenyl

Concen: 17.34 ng/ul

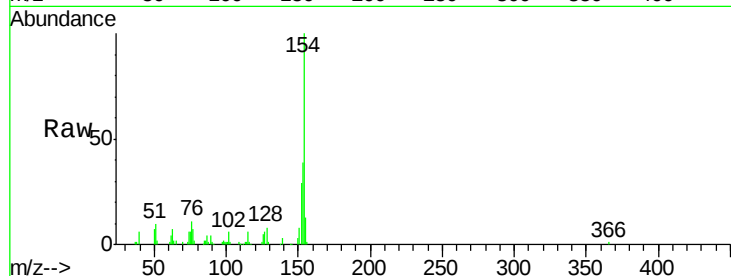
RT: 12.91 min Scan# 1740

Delta R.T. -0.00 min

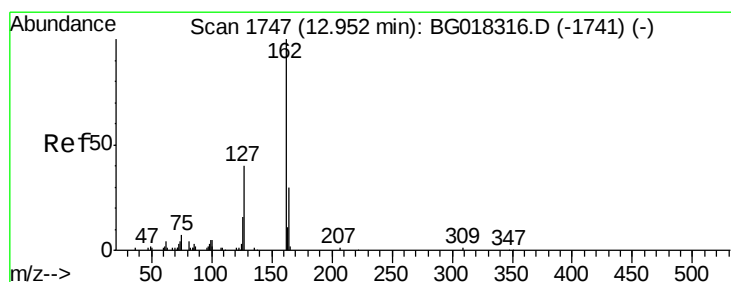
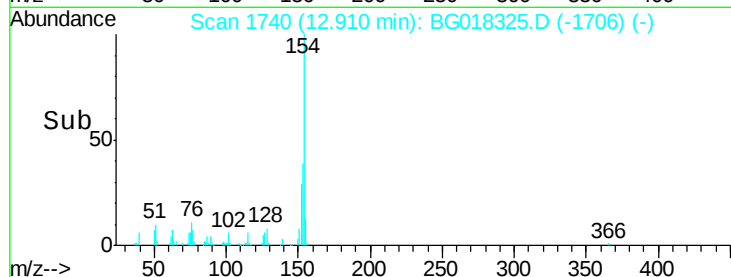
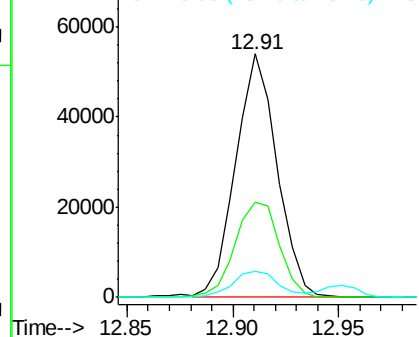
Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:	154	Resp:	73132
Ion	Ratio	Lower	Upper
154	100		
153	39.1	30.6	45.8
76	10.9	8.2	12.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#42

2-Chloronaphthalene

Concen: 17.58 ng/ul

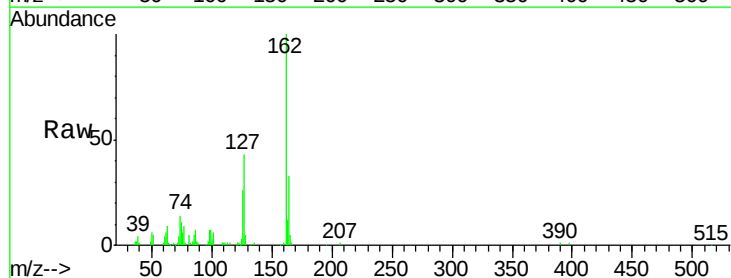
RT: 12.95 min Scan# 1747

Delta R.T. -0.00 min

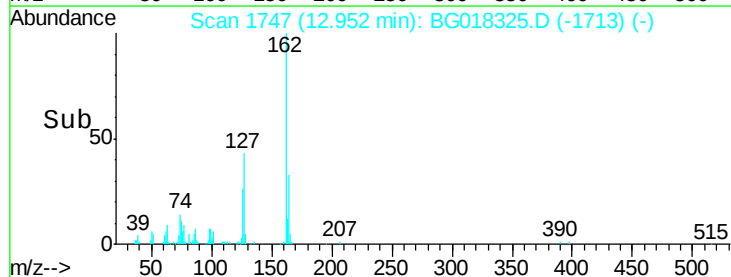
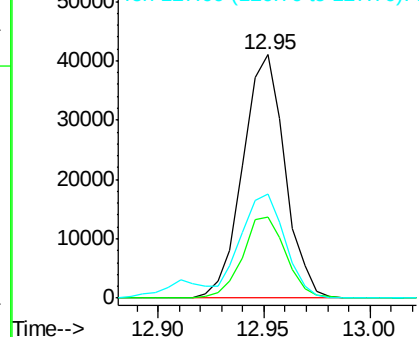
Lab File: BG018325.D

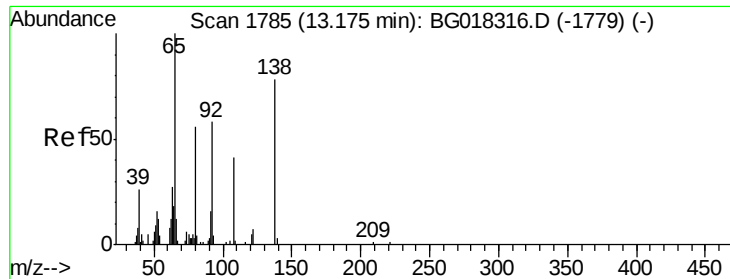
Acq: 8 Aug 2015 11:19

Tgt Ion:	162	Resp:	56759
Ion	Ratio	Lower	Upper
162	100		
164	33.2	24.3	36.5
127	42.6	36.6	54.8



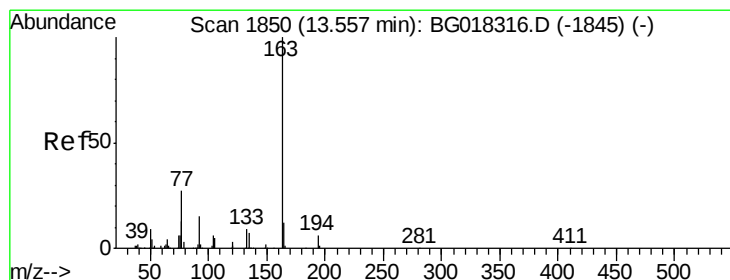
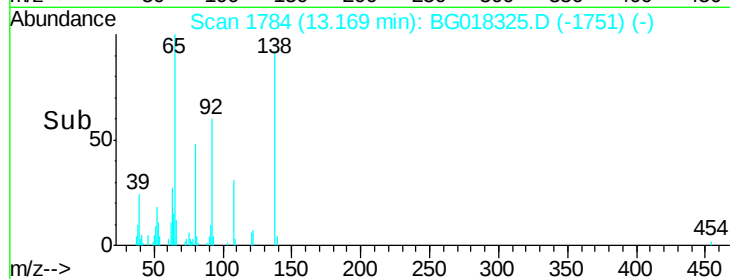
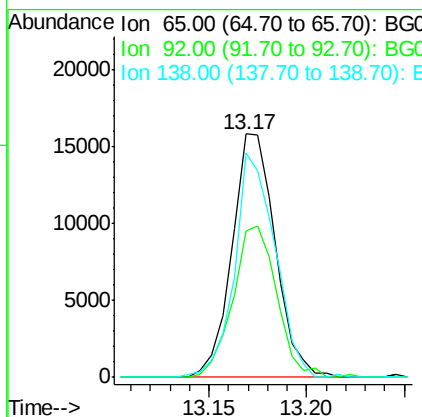
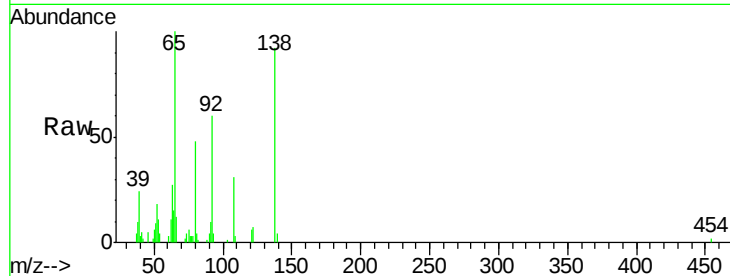
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E





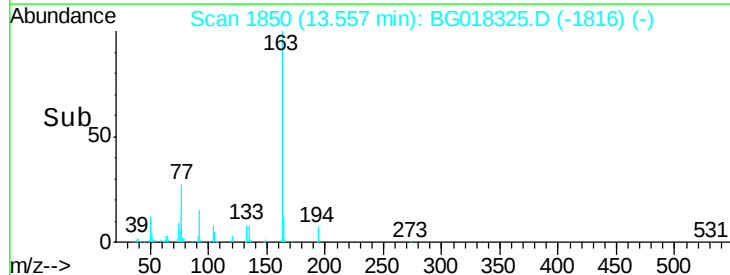
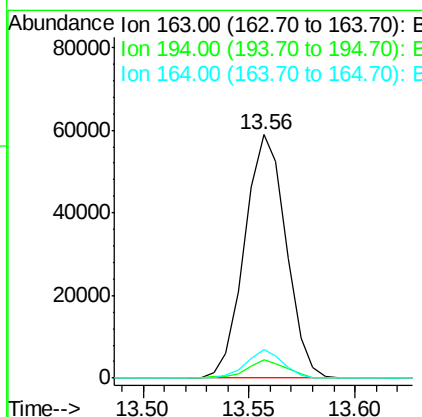
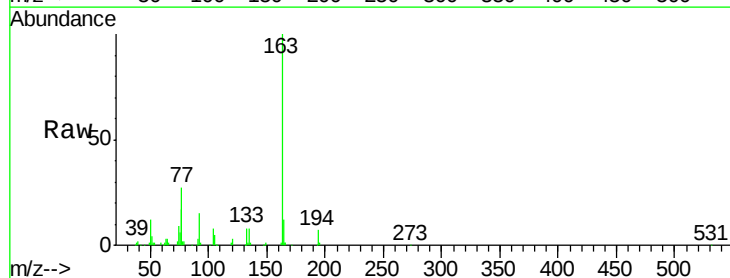
#43
2-Nitroaniline
Concen: 20.28 ng/ul
RT: 13.17 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

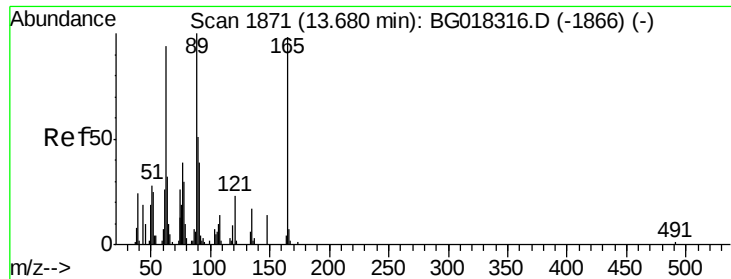
Tgt Ion: 65 Resp: 24232
Ion Ratio Lower Upper
65 100
92 59.9 46.7 70.1
138 92.3 62.3 93.5



#45
Dimethylphthalate
Concen: 17.18 ng/ul
RT: 13.56 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

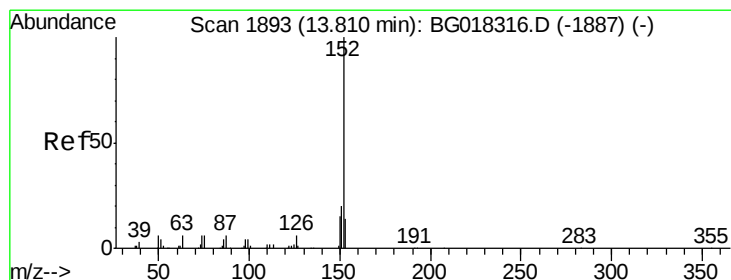
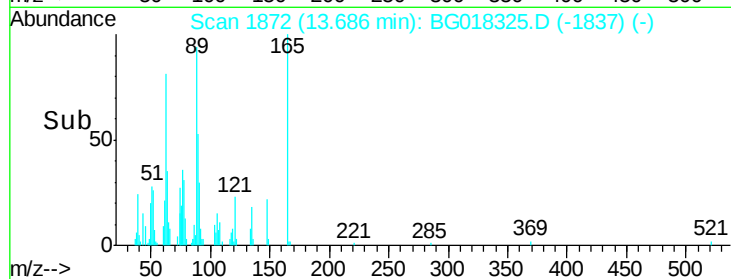
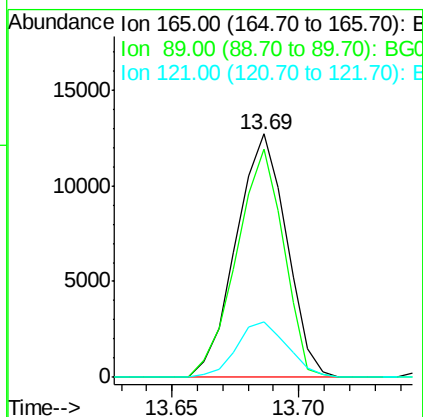
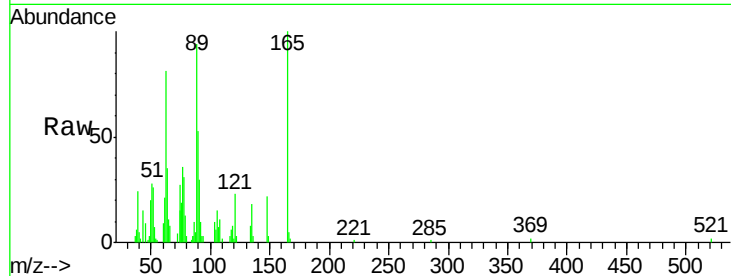
Tgt Ion: 163 Resp: 80364
Ion Ratio Lower Upper
163 100
194 7.4 4.6 7.0#
164 12.0 9.8 14.8





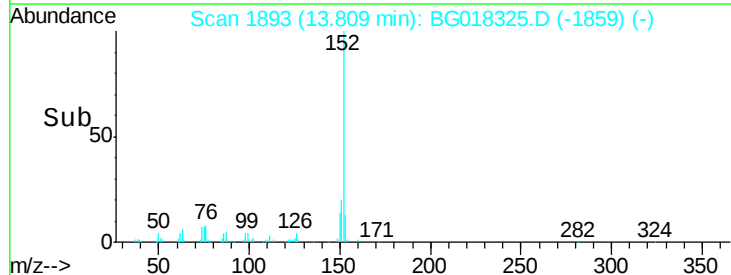
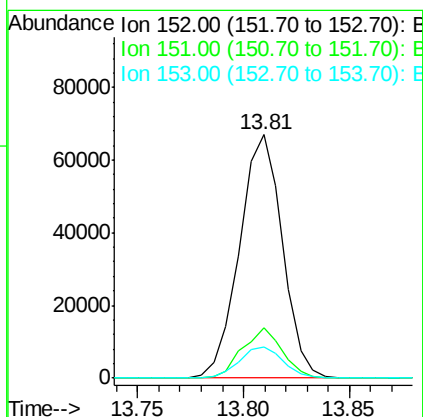
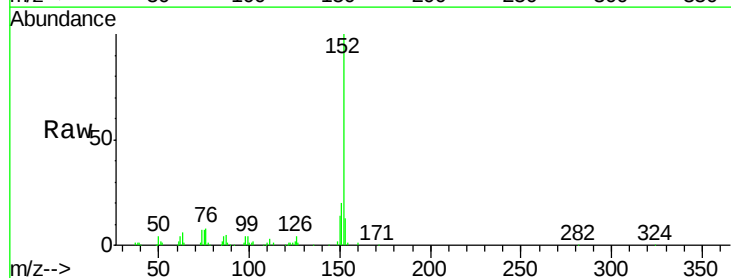
#46
2,6-Dinitrotoluene
Concen: 17.51 ng/ul
RT: 13.69 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

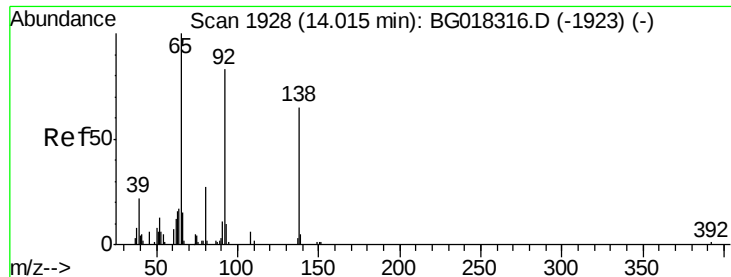
Tgt Ion:165 Resp: 17656
Ion Ratio Lower Upper
165 100
89 93.6 81.4 122.0
121 23.0 18.7 28.1



#48
Acenaphthylene
Concen: 17.88 ng/ul
RT: 13.81 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

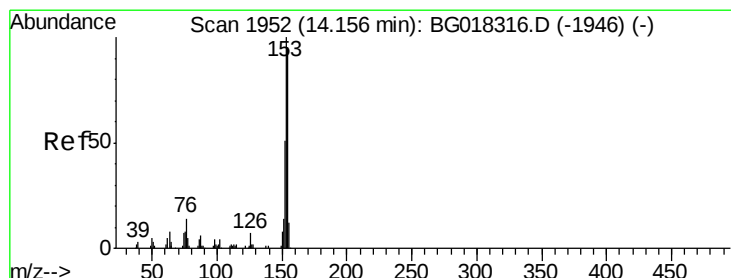
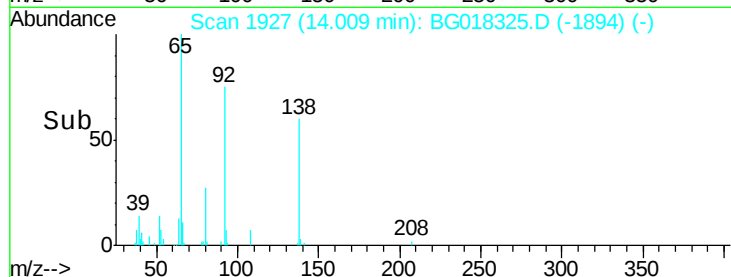
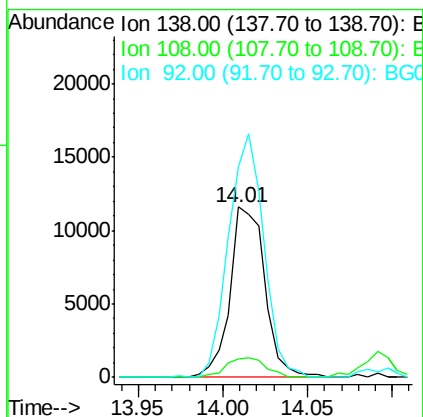
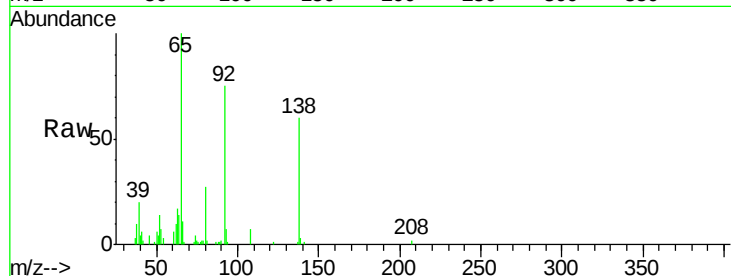
Tgt Ion:152 Resp: 94400
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.0 11.3 16.9





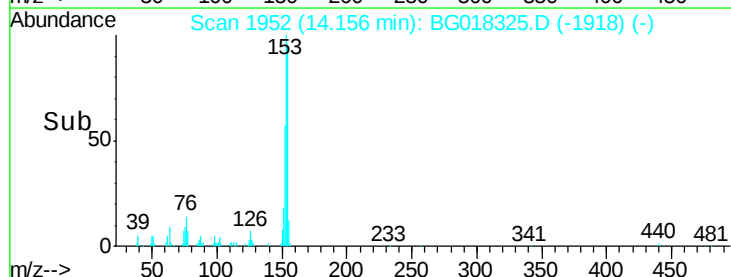
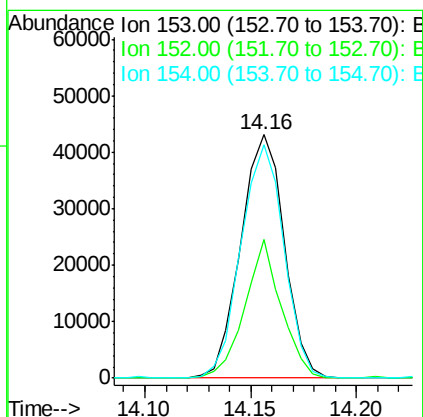
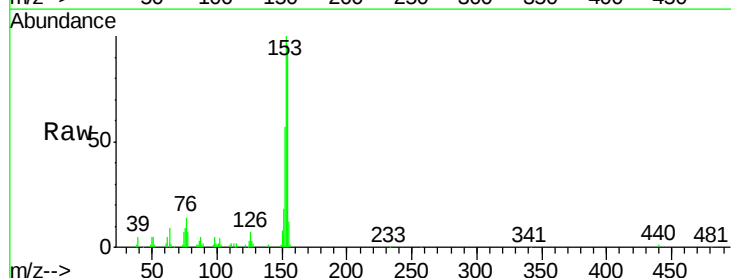
#49
3-Nitroaniline
Concen: 19.31 ng/ul
RT: 14.01 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

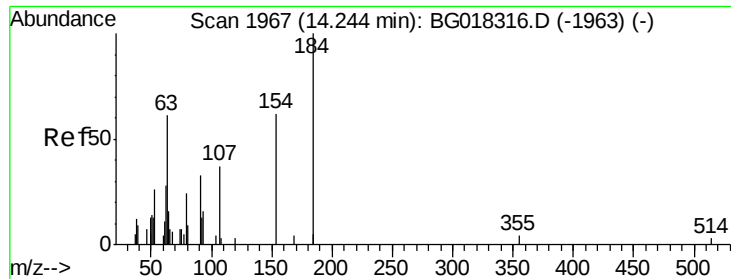
Tgt Ion:138 Resp: 16704
Ion Ratio Lower Upper
138 100
108 10.9 7.0 10.6#
92 123.7 103.9 155.9



#50
Acenaphthene
Concen: 17.39 ng/ul
RT: 14.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

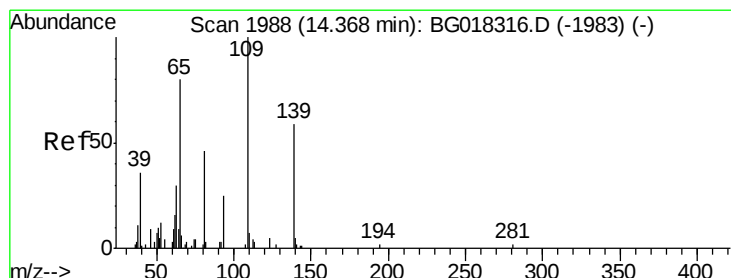
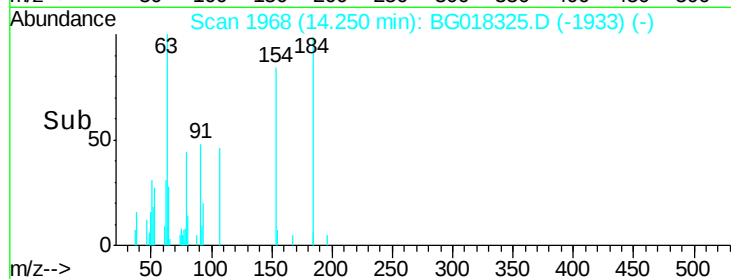
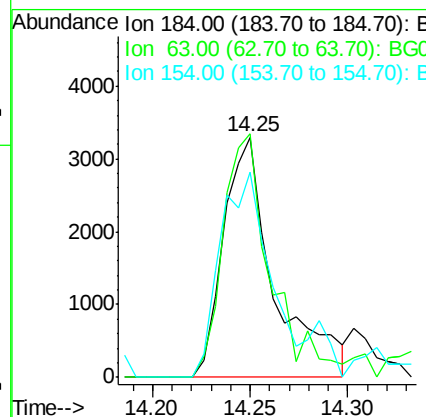
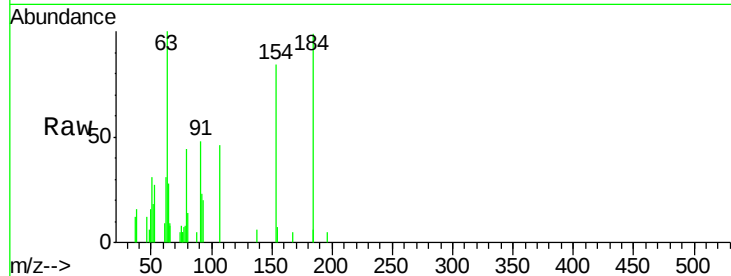
Tgt Ion:153 Resp: 61824
Ion Ratio Lower Upper
153 100
152 57.0 41.1 61.7
154 95.8 76.2 114.2





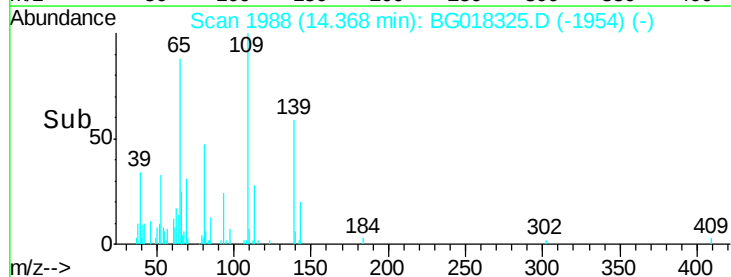
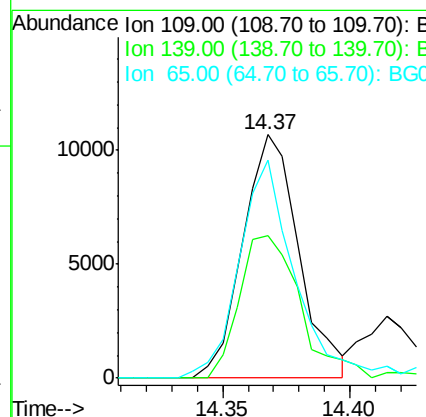
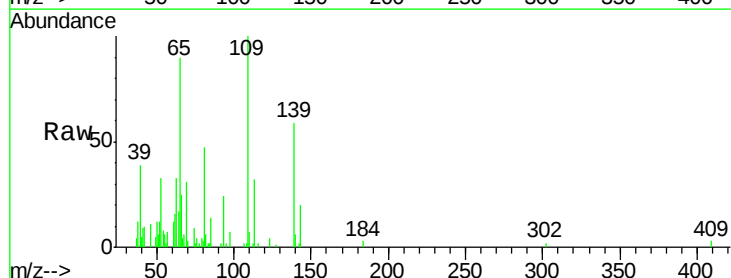
#51
2,4-Dinitrophenol
Concen: 13.75 ng/ul
RT: 14.25 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

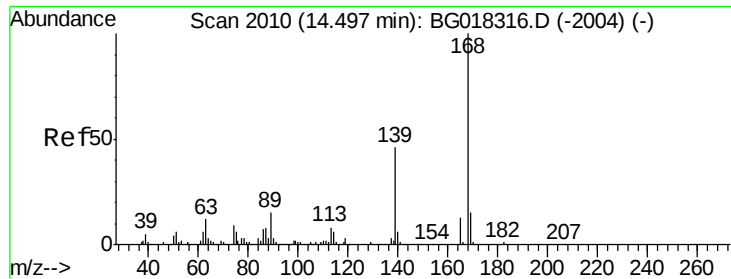
Tgt Ion:184 Resp: 5973
Ion Ratio Lower Upper
184 100
63 96.0 49.1 73.7#
154 80.8 49.6 74.4#



#53
4-Nitrophenol
Concen: 16.78 ng/ul
RT: 14.37 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

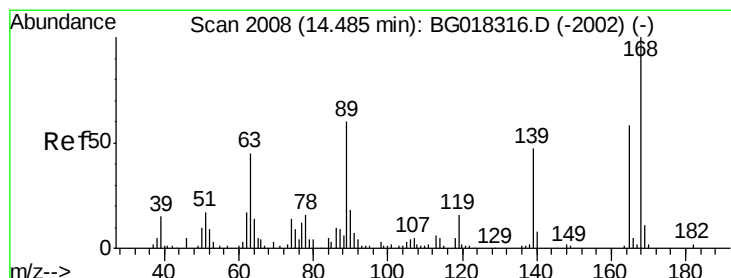
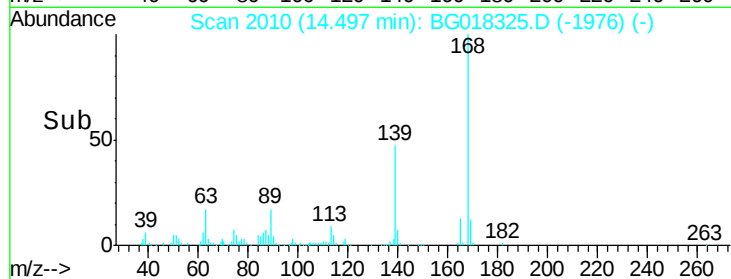
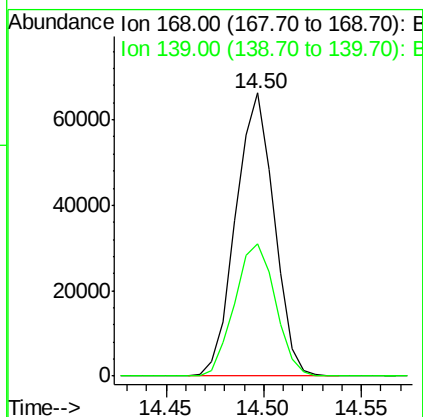
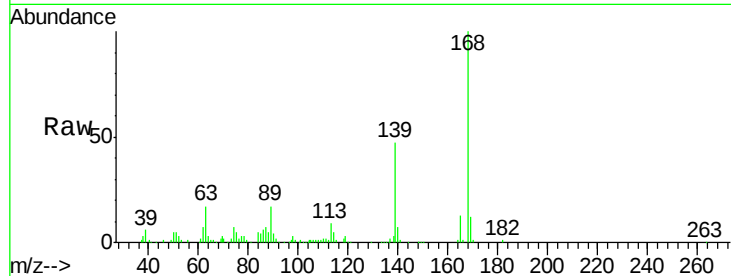
Tgt Ion:109 Resp: 16469
Ion Ratio Lower Upper
109 100
139 58.5 47.6 71.4
65 89.7 67.2 100.8





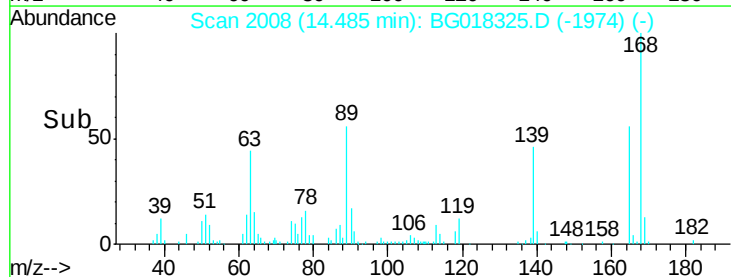
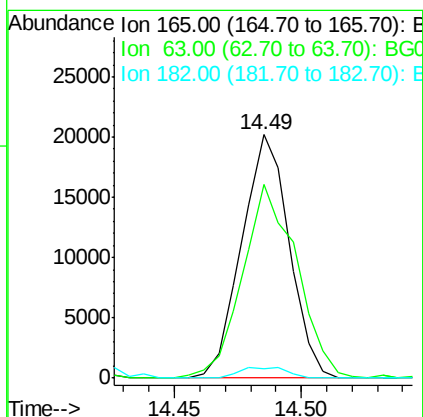
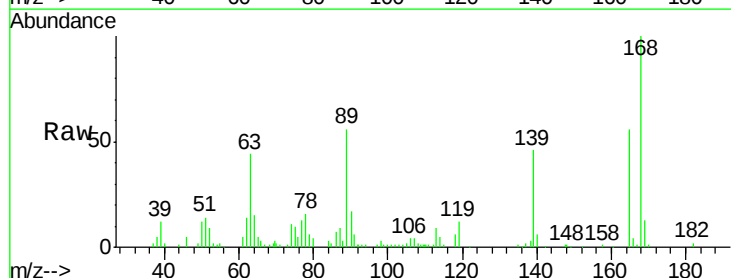
#54
Dibenzenofuran
Concen: 17.27 ng/ul
RT: 14.50 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

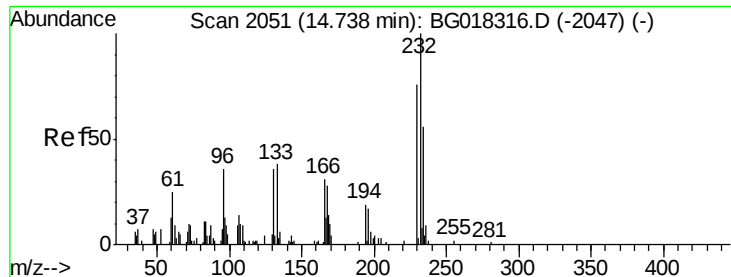
Tgt Ion:168 Resp: 90414
Ion Ratio Lower Upper
168 100
139 46.8 36.6 55.0



#55
2,4-Dinitrotoluene
Concen: 17.59 ng/ul
RT: 14.49 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion:165 Resp: 26242
Ion Ratio Lower Upper
165 100
63 79.7 61.2 91.8
182 4.0 3.0 4.6





#56

2,3,4,6-Tetrachlorophenol

Concen: 17.42 ng/ul

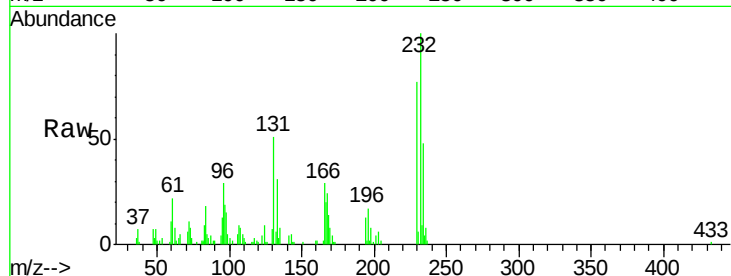
RT: 14.74 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:	232	Resp:	19010
Ion	Ratio	Lower	Upper
232	100		
131	51.3	31.0	46.6#
130	7.2	4.3	6.5#
166	29.1	25.0	37.6

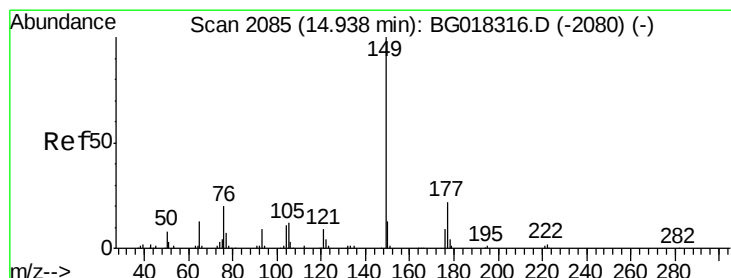
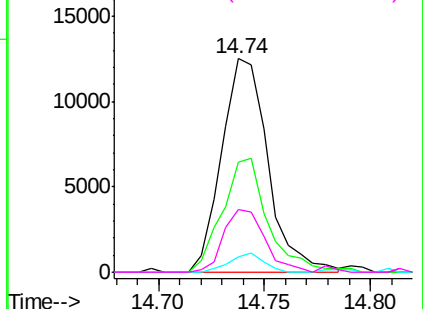
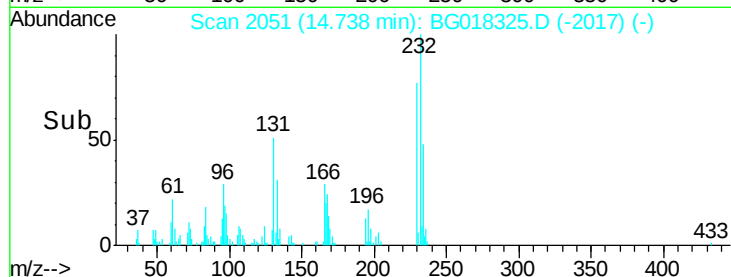


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 16.84 ng/ul

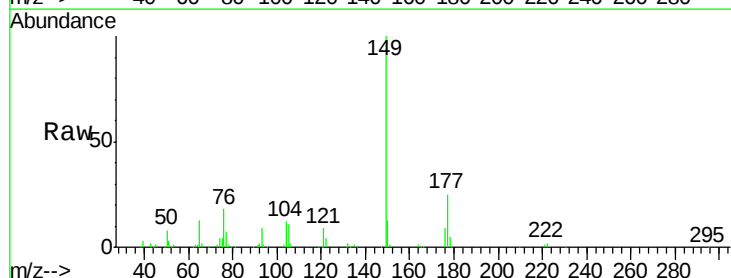
RT: 14.94 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

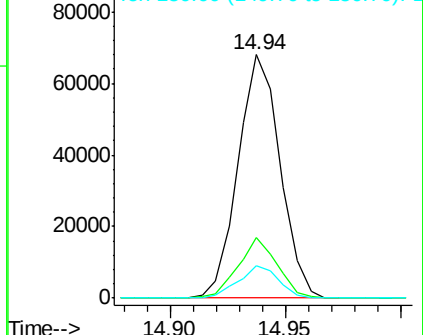
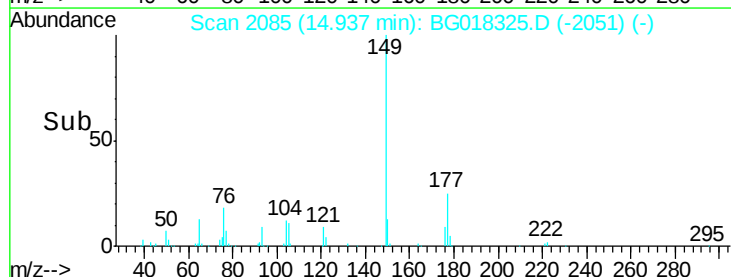
Tgt Ion:	149	Resp:	86544
Ion	Ratio	Lower	Upper
149	100		
177	24.9	17.7	26.5
150	13.2	10.7	16.1

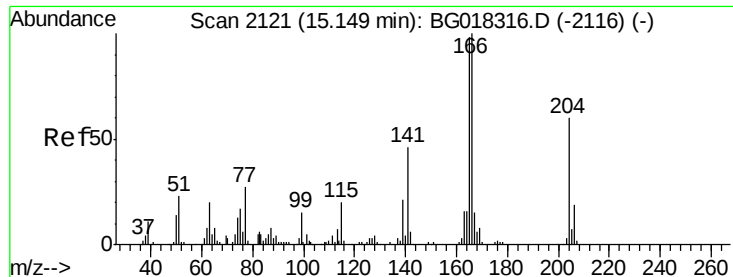


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

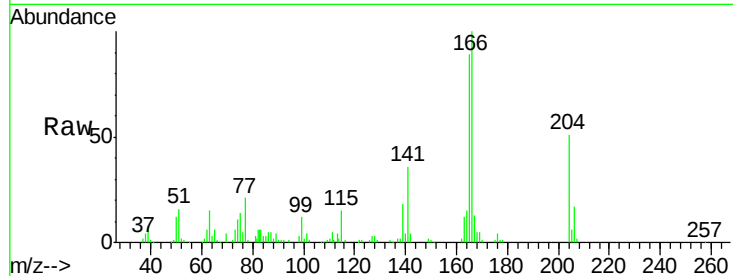
Ion 150.00 (149.70 to 150.70): E



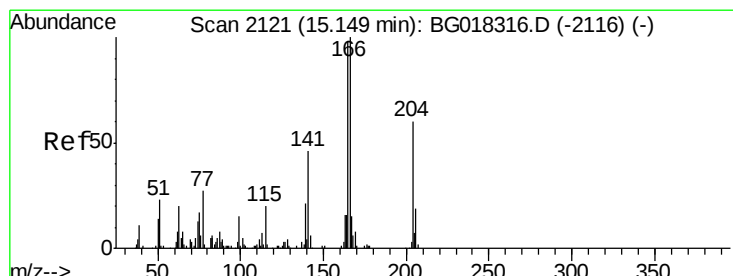
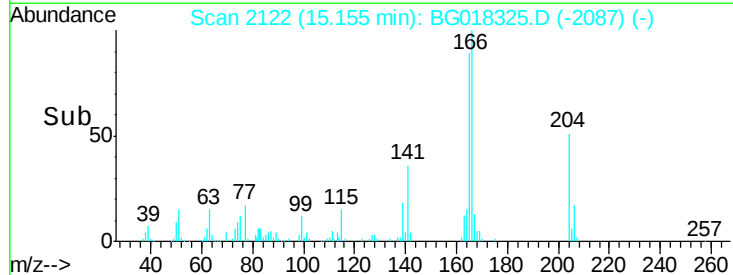
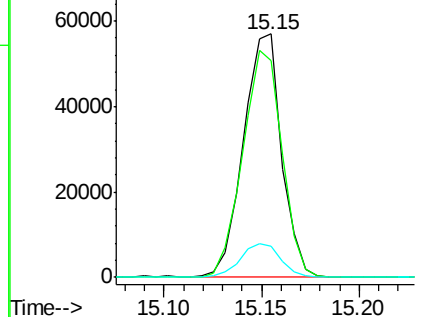


#59
Fluorene
 Concen: 17.00 ng/ul
 RT: 15.15 min Scan# 2122
 Delta R.T. 0.01 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion:166 Resp: 77273
 Ion Ratio Lower Upper
 166 100
 165 89.0 78.5 117.7
 167 13.0 11.9 17.9

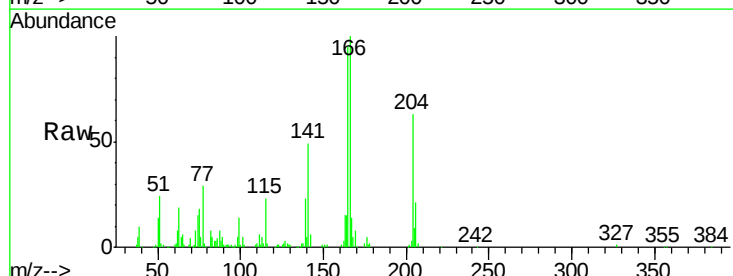


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

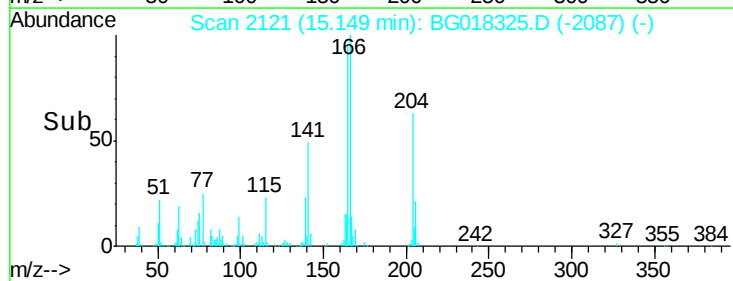
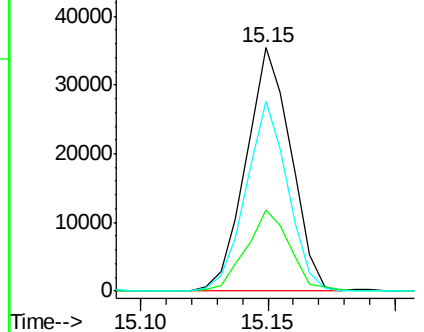


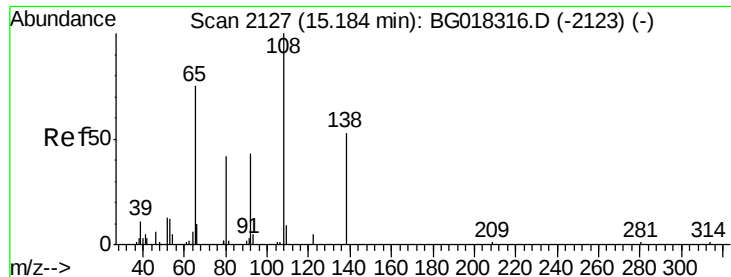
#60
4-Chlorophenyl-phenylether
 Concen: 16.82 ng/ul
 RT: 15.15 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion:204 Resp: 43768
 Ion Ratio Lower Upper
 204 100
 206 33.2 25.7 38.5
 141 78.0 60.6 91.0



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 18.24 ng/ul

RT: 15.19 min Scan# 2128

Delta R.T. 0.01 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

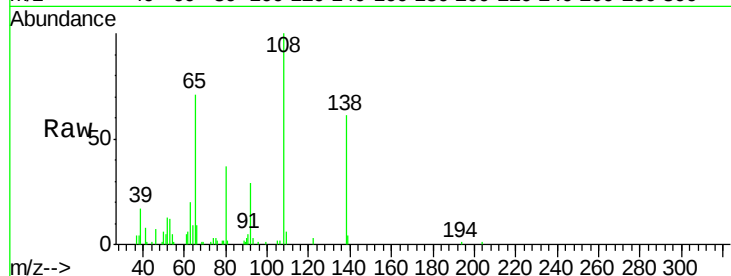
Tgt Ion:138 Resp: 16024

Ion Ratio Lower Upper

138 100

92 48.4 60.7 91.1#

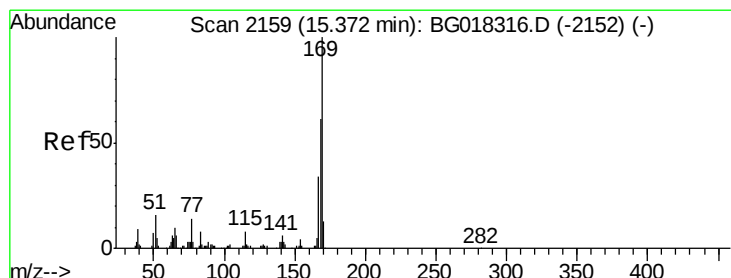
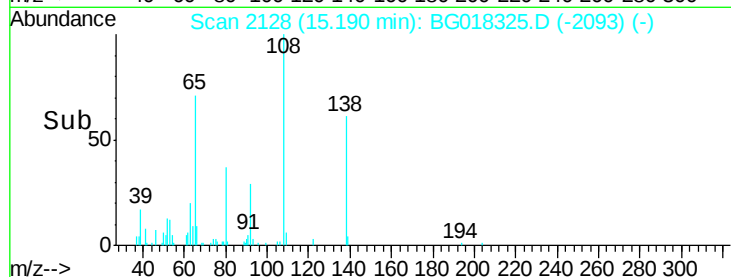
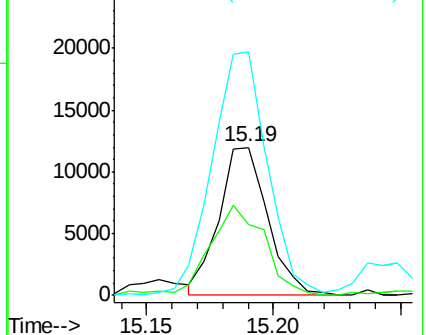
108 165.0 145.8 218.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#65

N-Nitrosodiphenylamine

Concen: 18.83 ng/ul

RT: 15.37 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

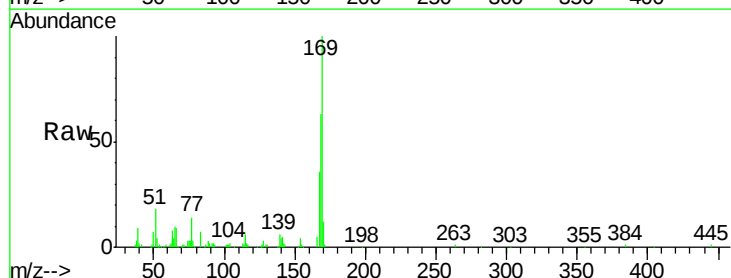
Tgt Ion:169 Resp: 66999

Ion Ratio Lower Upper

169 100

168 63.1 48.8 73.2

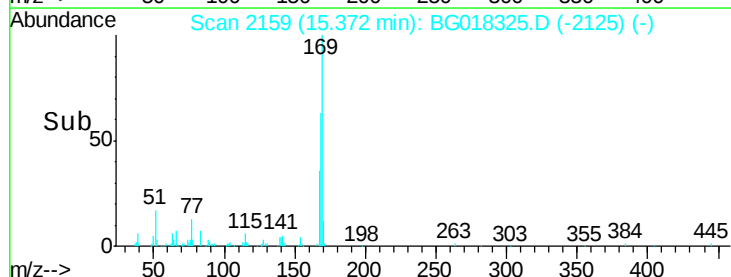
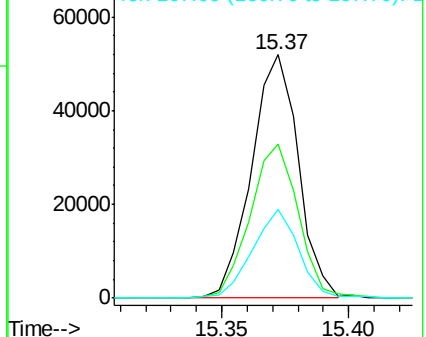
167 36.3 27.4 41.2

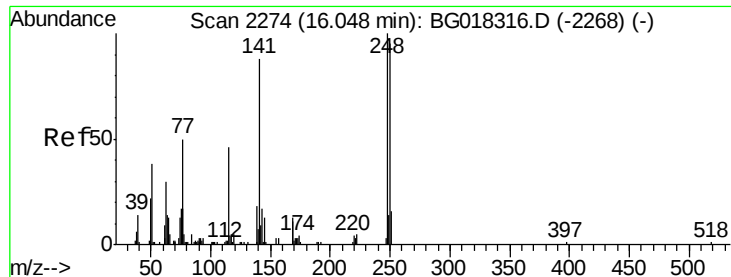


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 18.98 ng/ul

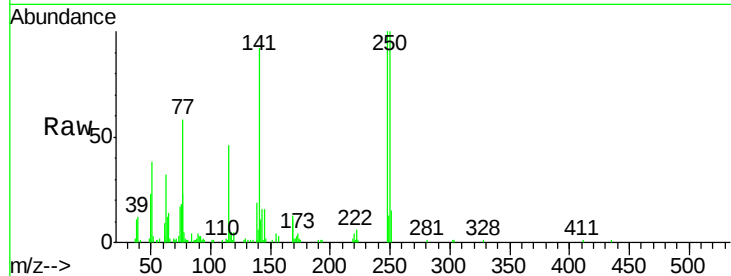
RT: 16.05 min Scan# 2274

Delta R.T. -0.00 min

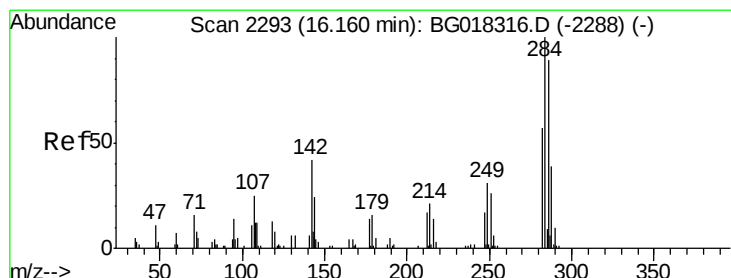
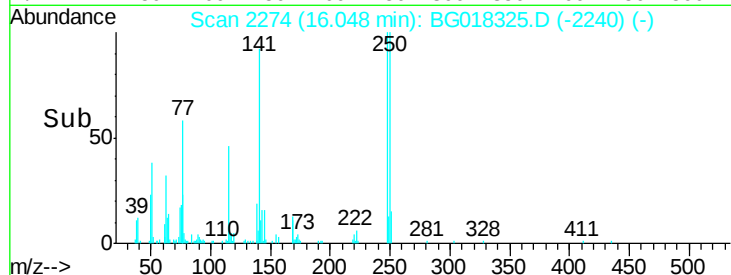
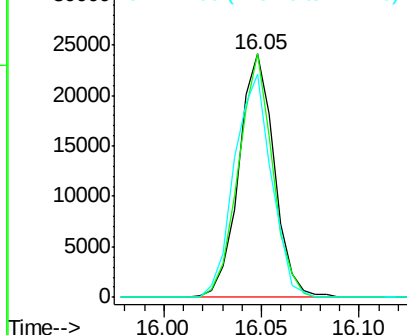
Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:	248	Resp:	30205
Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.2	114.4
141	91.6	70.5	105.7



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 18.06 ng/ul

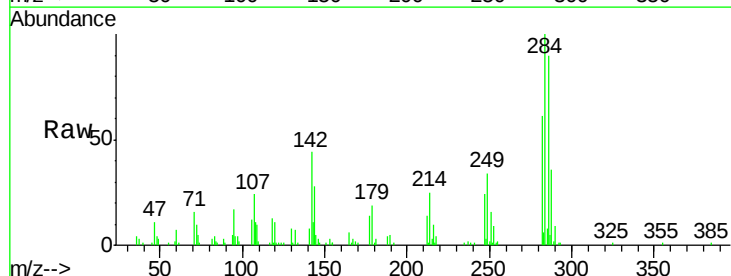
RT: 16.16 min Scan# 2293

Delta R.T. -0.00 min

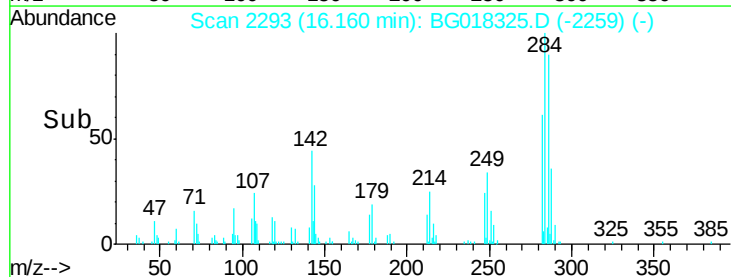
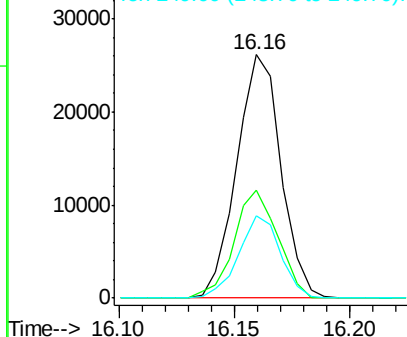
Lab File: BG018325.D

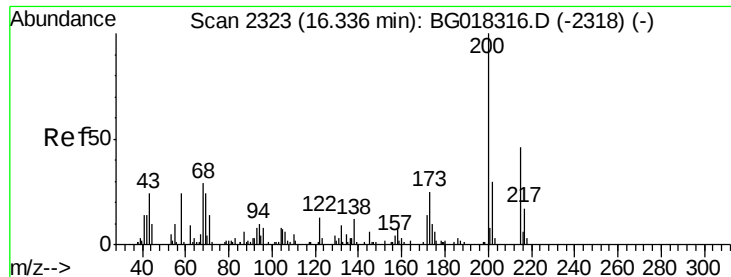
Acq: 8 Aug 2015 11:19

Tgt Ion:	284	Resp:	34909
Ion	Ratio	Lower	Upper
284	100		
142	44.5	34.0	51.0
249	33.6	26.6	40.0



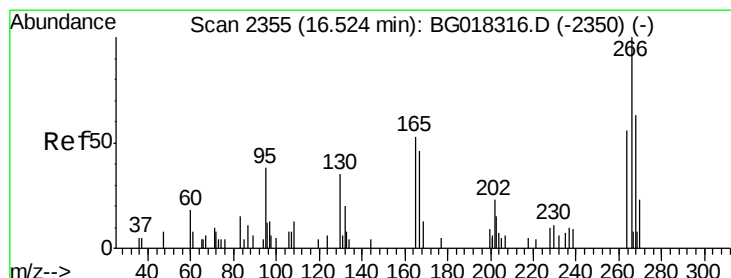
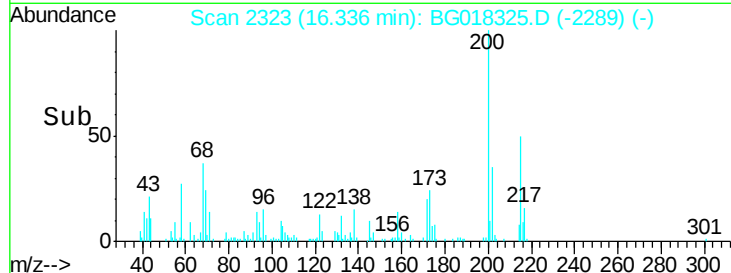
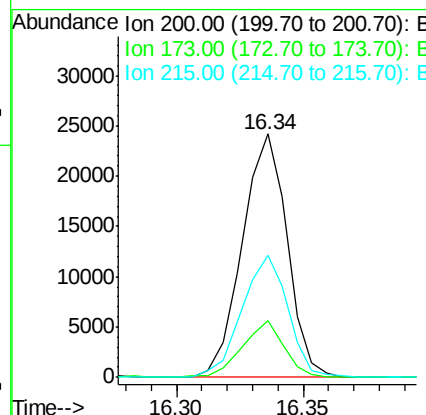
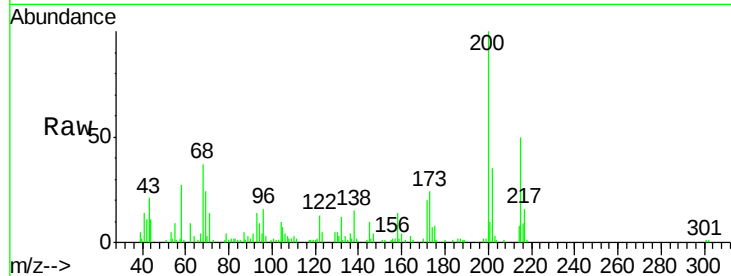
Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





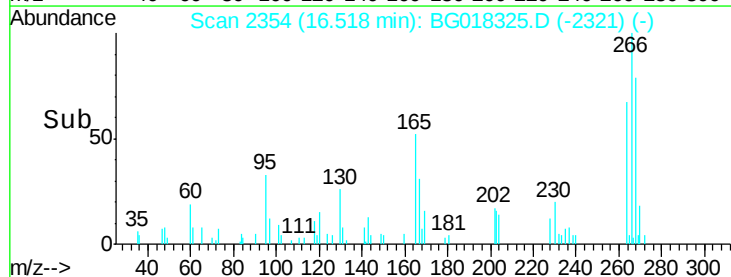
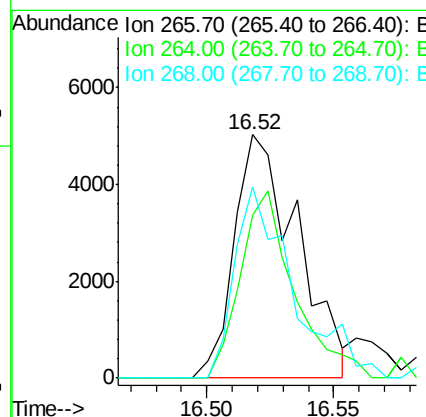
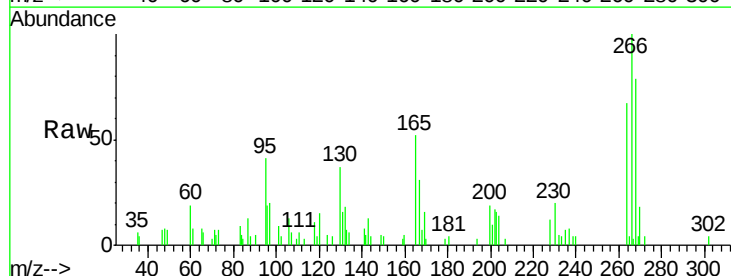
#68
 Atrazine
 Concen: 19.01 ng/ul
 RT: 16.34 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

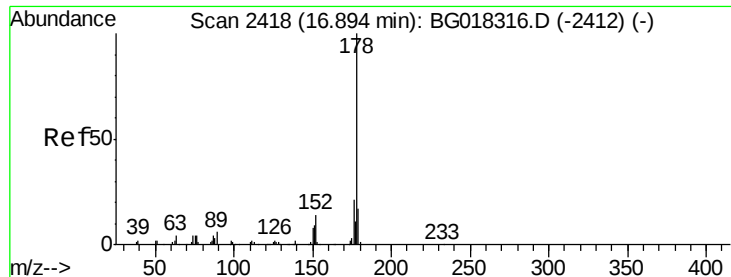
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	20.3	30.5
215	50.0	37.0	55.6



#69
 Pentachlorophenol
 Concen: 15.85 ng/ul
 RT: 16.52 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.7	44.7	67.1
268	78.8	56.6	84.8





#70

Phenanthrene

Concen: 18.36 ng/ul

RT: 16.99 min Scan# 2434

Delta R.T. 0.09 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

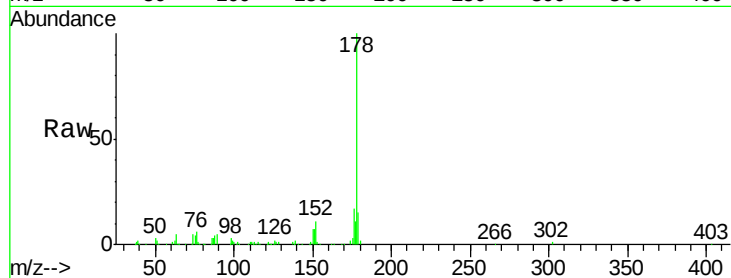
Tgt Ion:178 Resp: 125490

Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

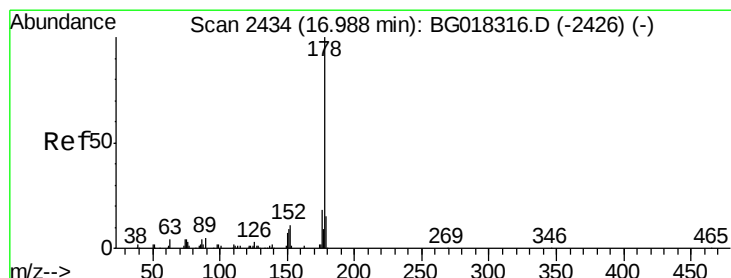
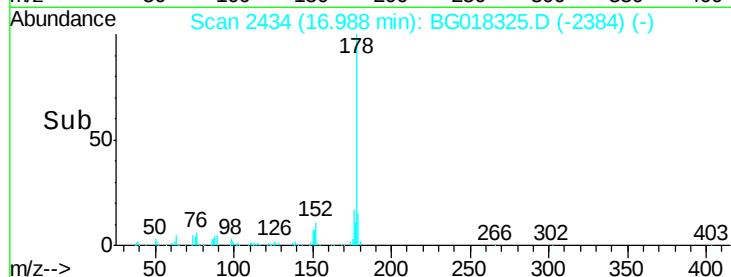
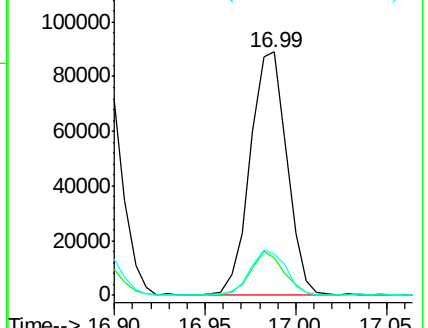
176 17.0 16.7 25.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 18.25 ng/ul

RT: 16.99 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

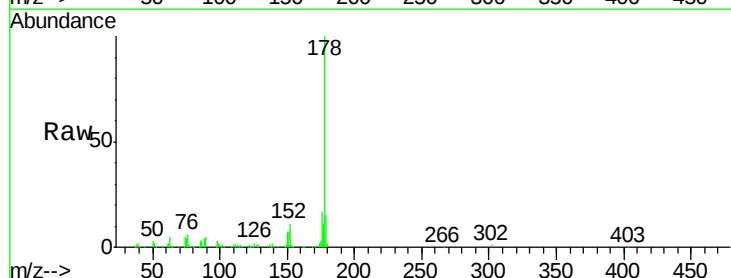
Tgt Ion:178 Resp: 125490

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

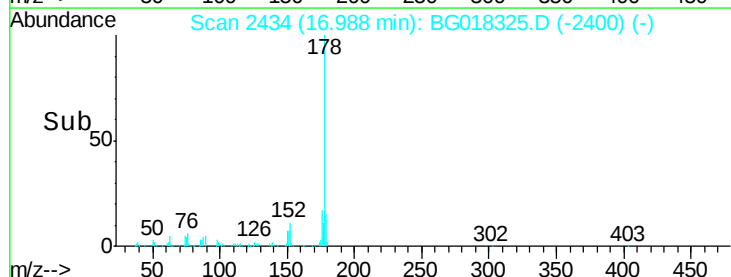
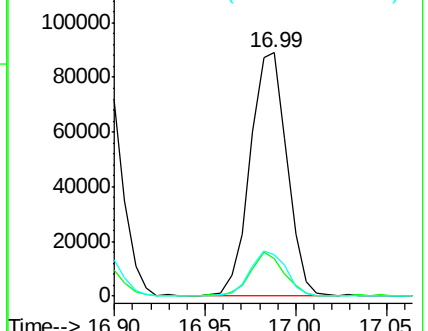
176 17.0 14.7 22.1

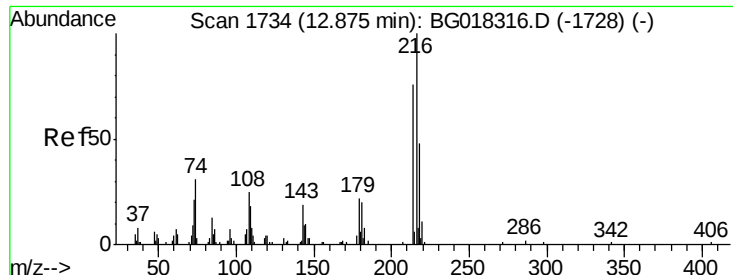


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 19.97 ng/uL

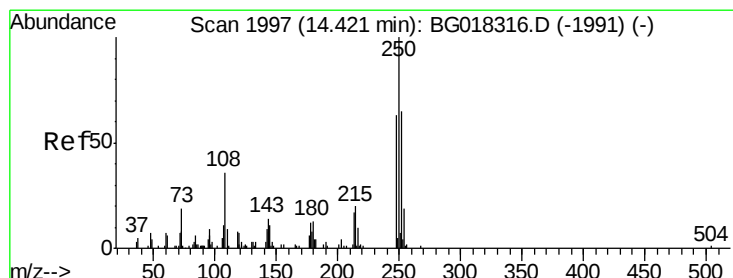
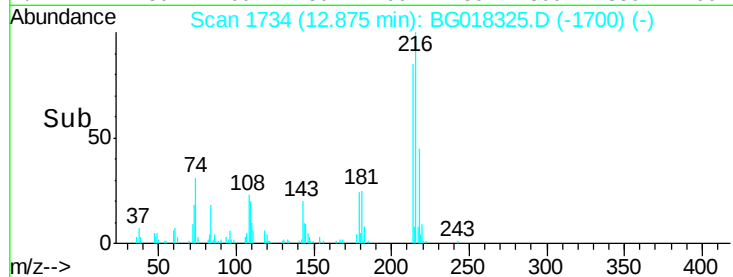
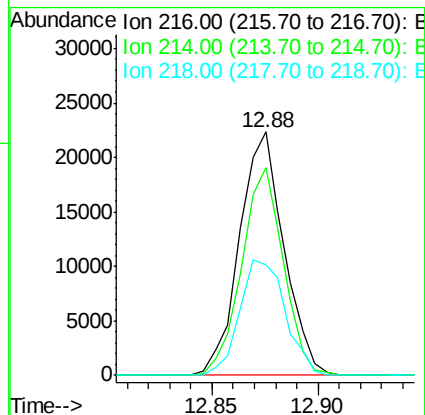
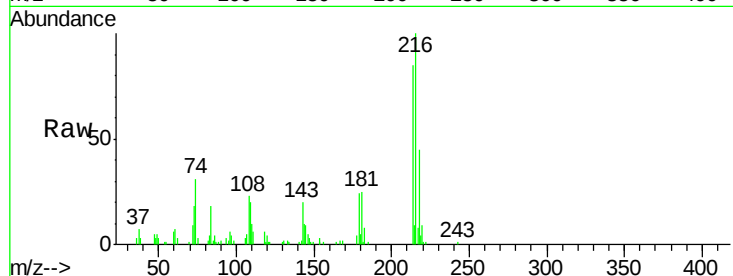
RT: 12.88 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:	216	Resp:	32515
Ion	Ratio	Lower	Upper
216	100		
214	85.2	60.9	91.3
218	45.2	38.3	57.5



#74

Pentachlorobenzene

Concen: 20.39 ng/uL

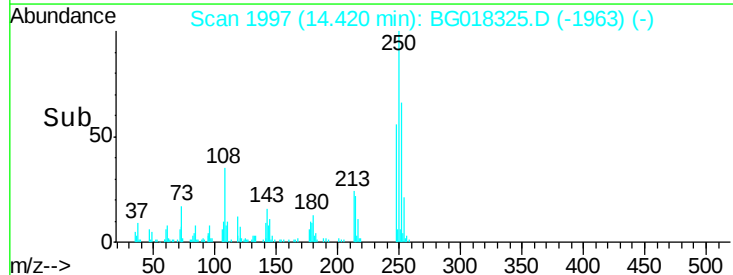
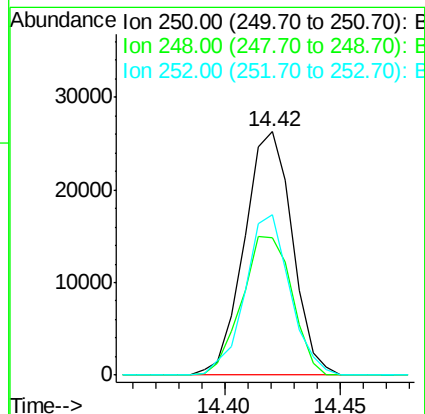
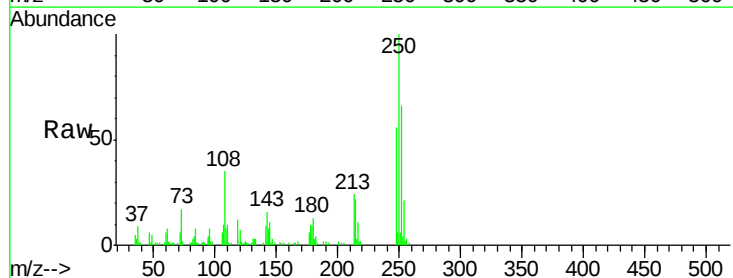
RT: 14.42 min Scan# 1997

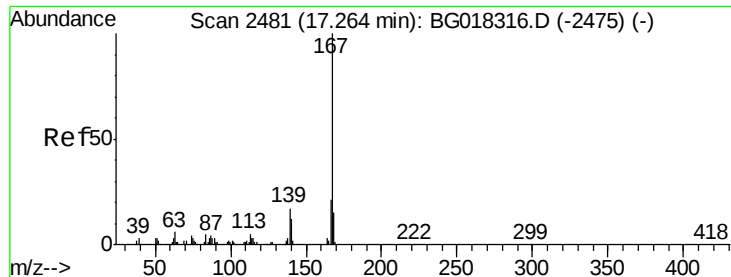
Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

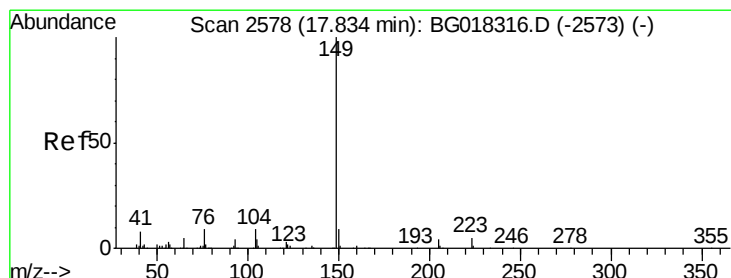
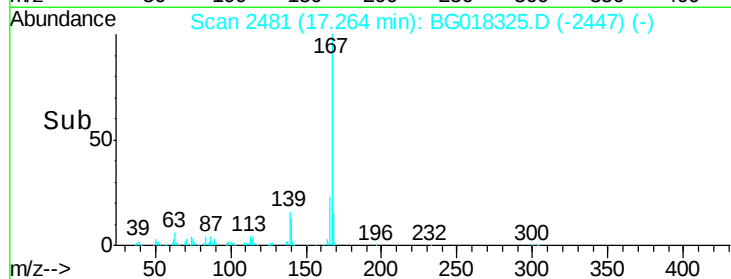
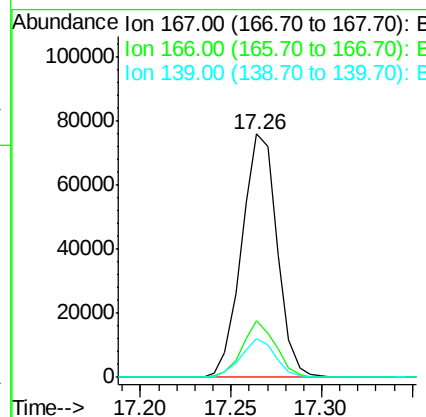
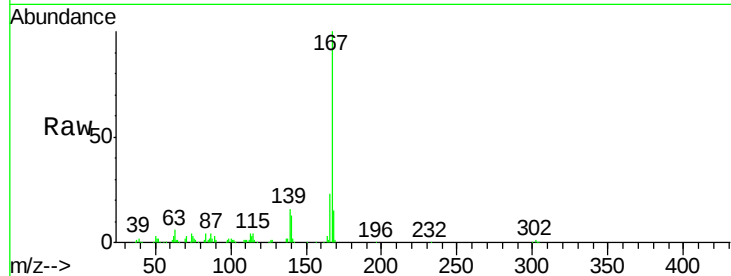
Tgt Ion:	250	Resp:	38054
Ion	Ratio	Lower	Upper
250	100		
248	56.2	50.7	76.1
252	65.8	55.5	83.3





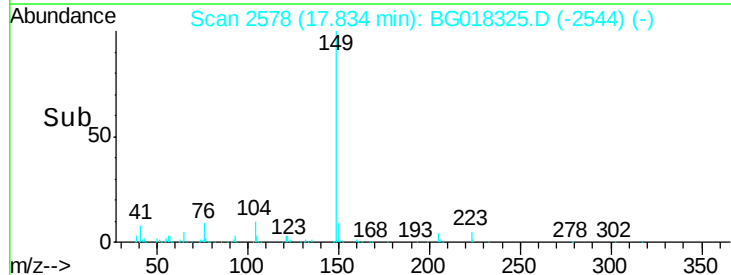
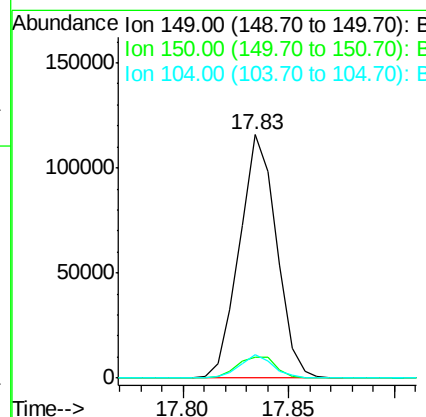
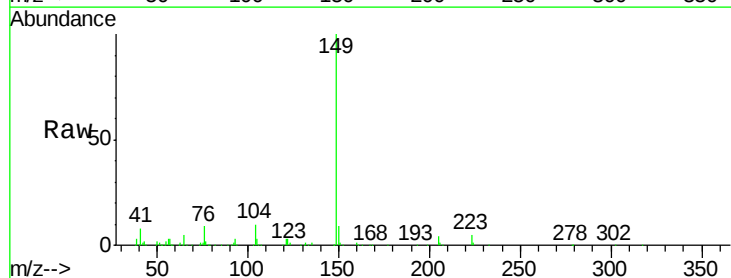
#75
 Carbazole
 Concen: 19.37 ng/ul
 RT: 17.26 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

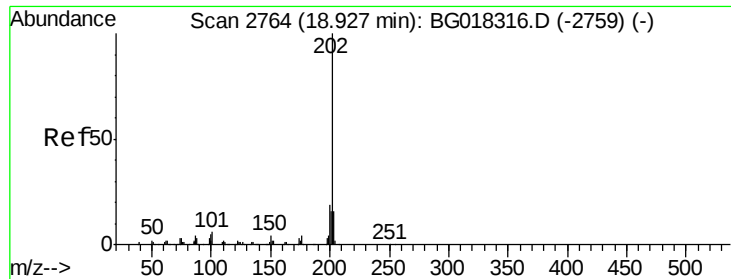
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	16.5	24.7
139	16.1	13.4	20.2



#76
 Di-n-butylphthalate
 Concen: 17.52 ng/ul
 RT: 17.83 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

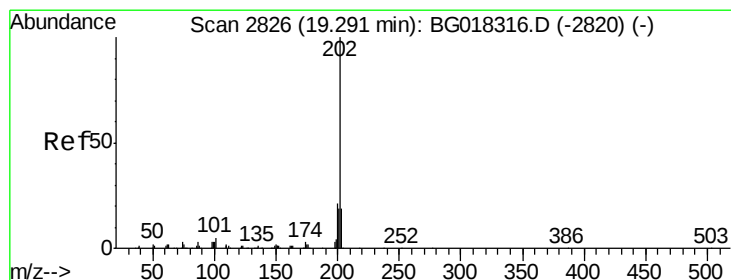
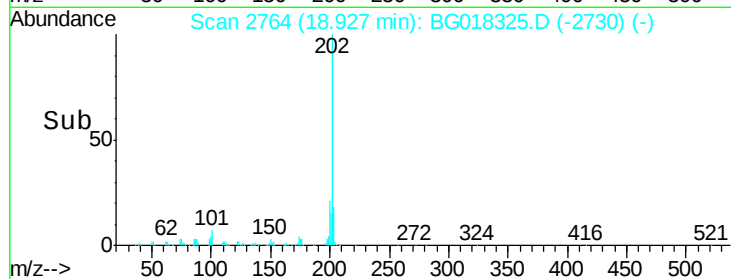
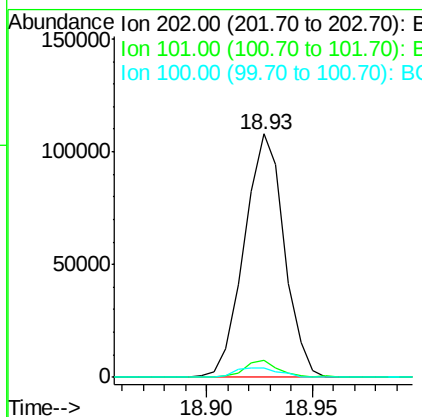
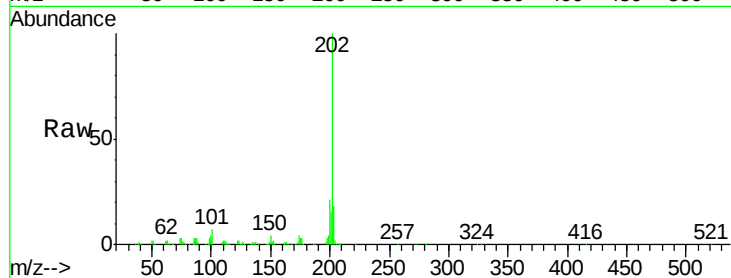
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	9.7	6.9	10.3





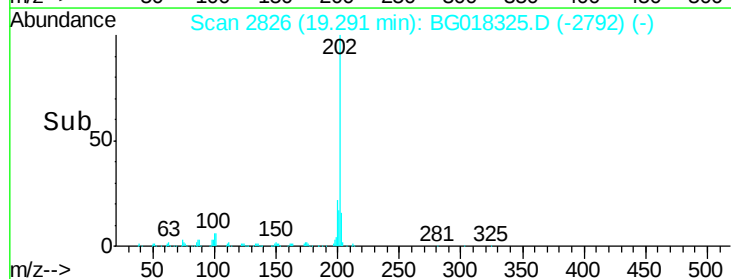
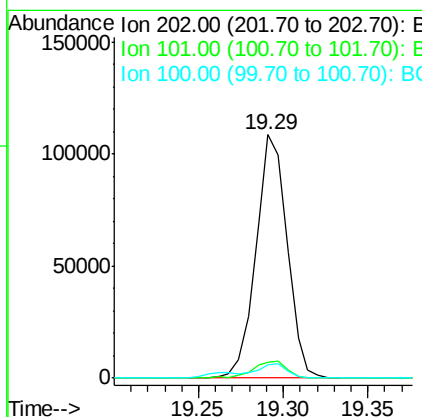
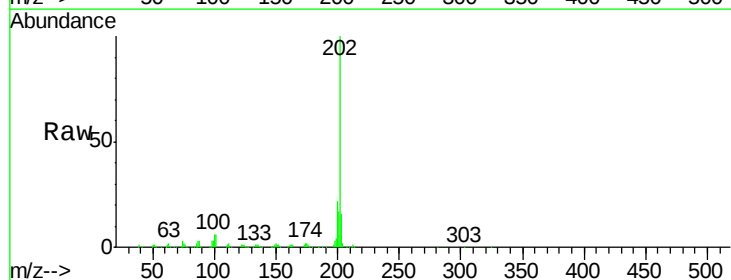
#77
 Fluoranthene
 Concen: 18.99 ng/ul
 RT: 18.93 min Scan# 2764
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

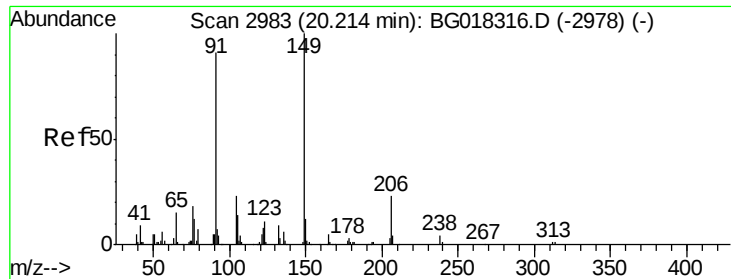
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	4.5	6.7#
100	3.9	3.9	5.9



#80
 Pyrene
 Concen: 18.25 ng/ul
 RT: 19.29 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BG018325.D
 Acq: 8 Aug 2015 11:19

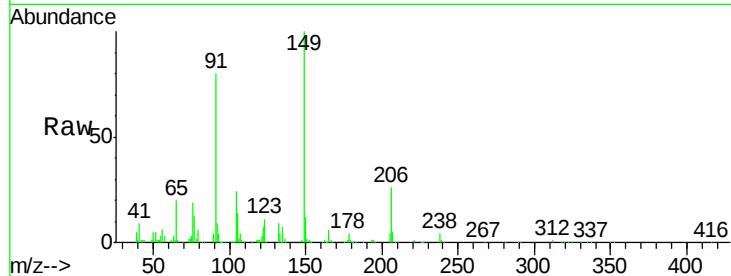
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	4.4	6.6
100	5.6	3.8	5.8



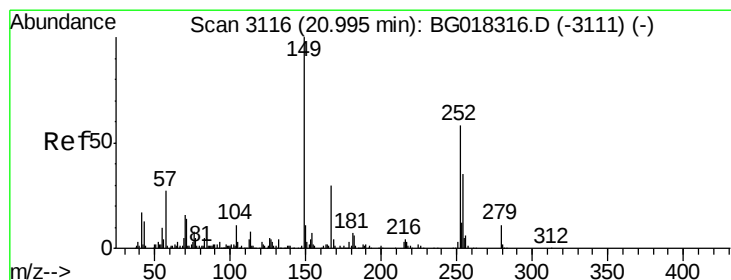
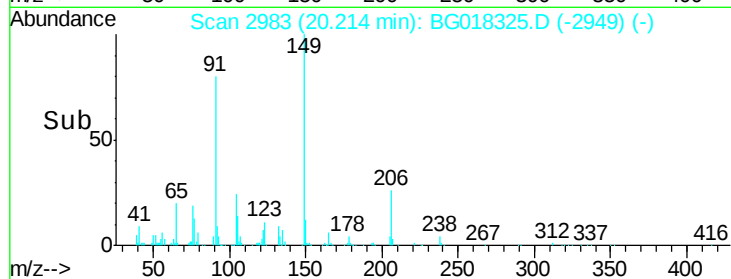
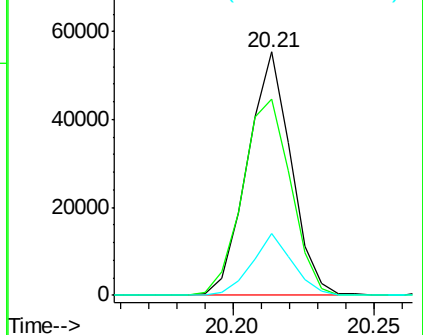


#81
Butylbenzylphthalate
Concen: 17.76 ng/ul
RT: 20.21 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion: 149 Resp: 59296
Ion Ratio Lower Upper
149 100
91 80.4 72.5 108.7
206 25.6 18.3 27.5

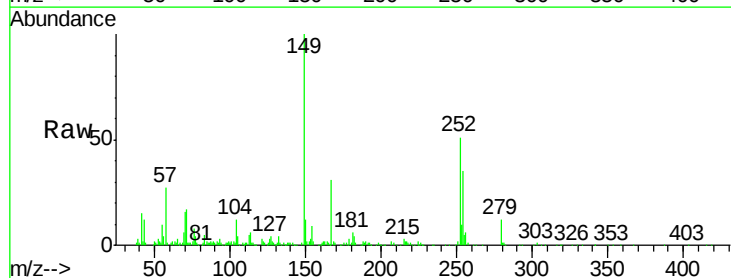


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E

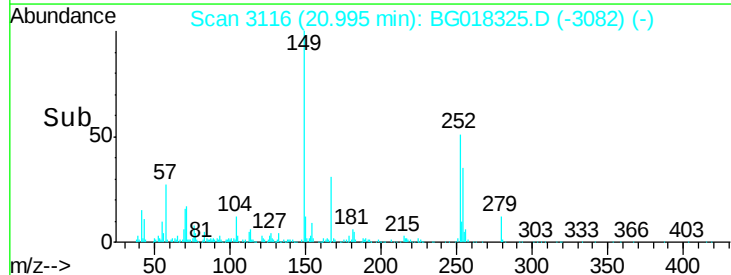
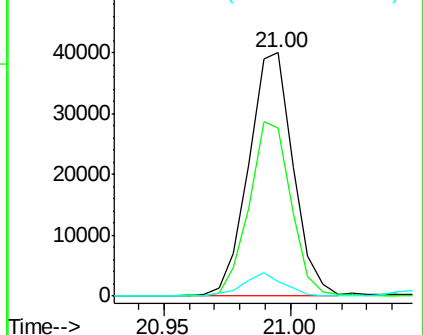


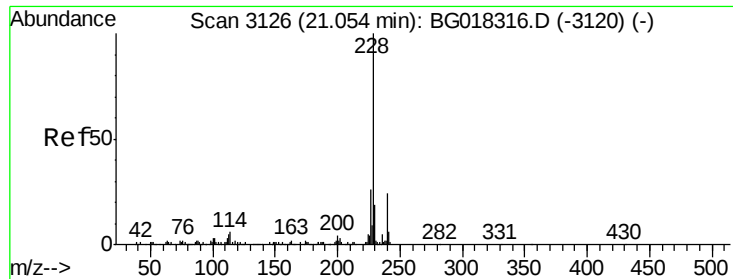
#82
3,3'-Dichlorobenzidine
Concen: 18.00 ng/ul
RT: 21.00 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion: 252 Resp: 49028
Ion Ratio Lower Upper
252 100
254 68.8 49.1 73.7
126 5.7 6.3 9.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 17.44 ng/ul

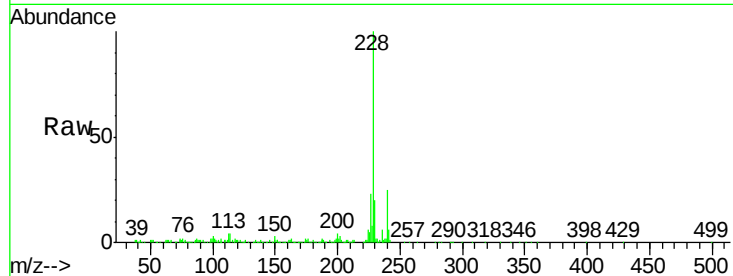
RT: 21.05 min Scan# 3126

Delta R.T. -0.00 min

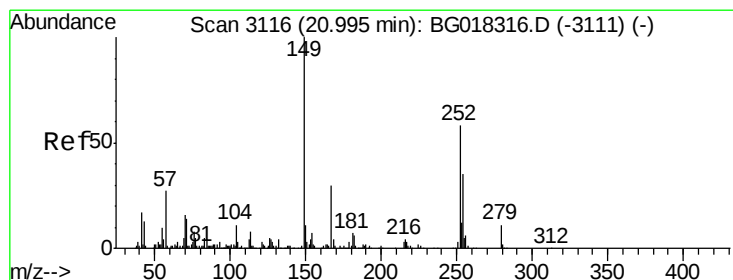
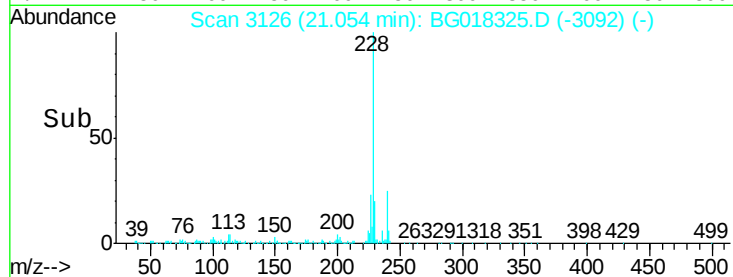
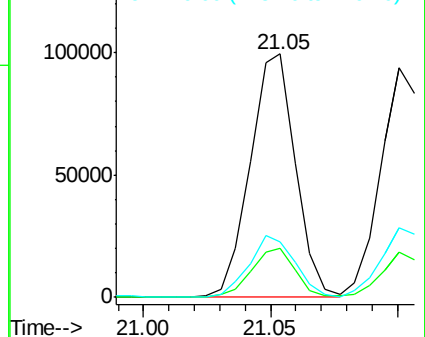
Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:	228	Resp:	124483
Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.2
226	23.0	20.9	31.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 17.88 ng/ul

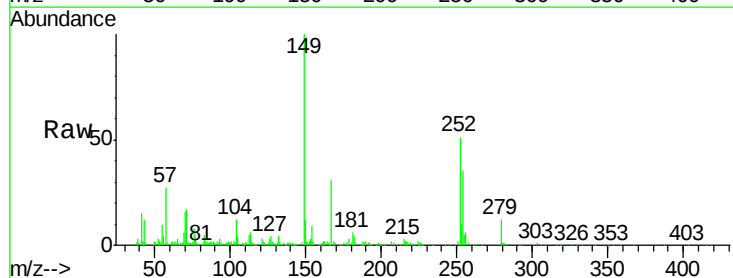
RT: 21.00 min Scan# 3116

Delta R.T. -0.00 min

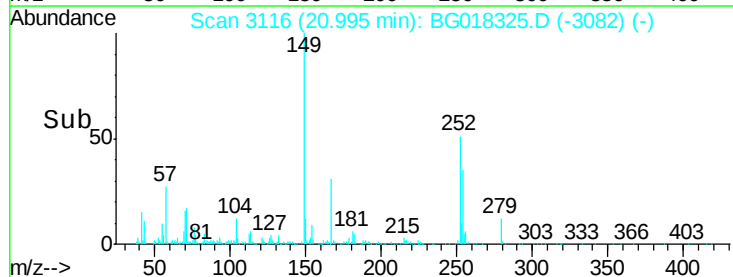
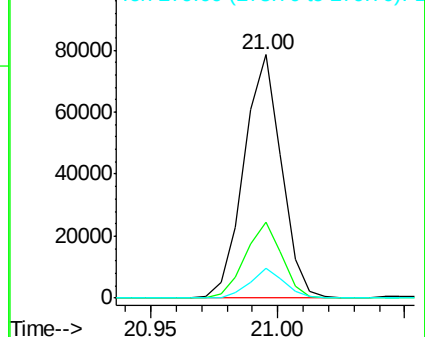
Lab File: BG018325.D

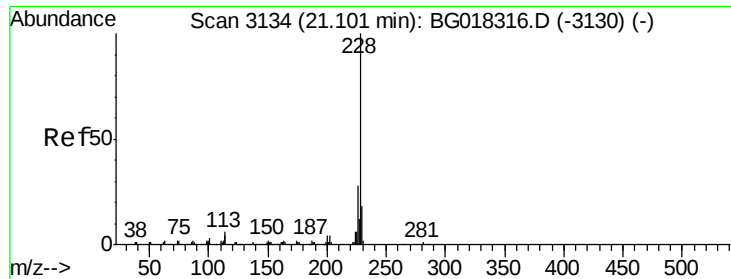
Acq: 8 Aug 2015 11:19

Tgt Ion:	149	Resp:	80798
Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.2	36.4
279	12.4	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 17.11 ng/ul

RT: 21.10 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

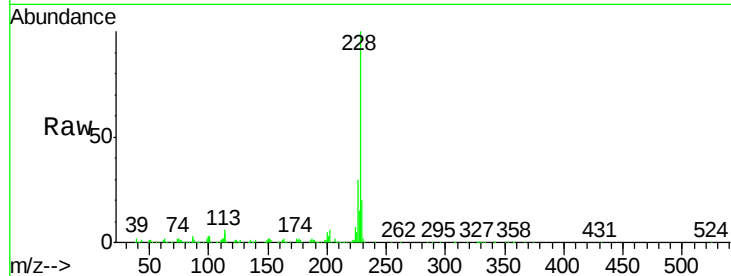
Tgt Ion:228 Resp: 112943

Ion Ratio Lower Upper

228 100

226 30.1 22.6 33.8

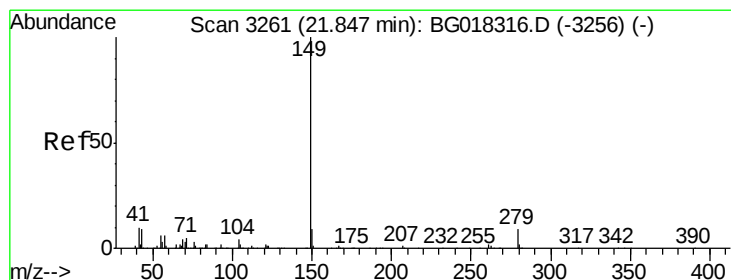
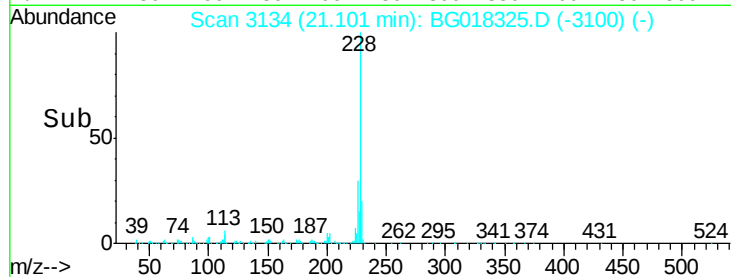
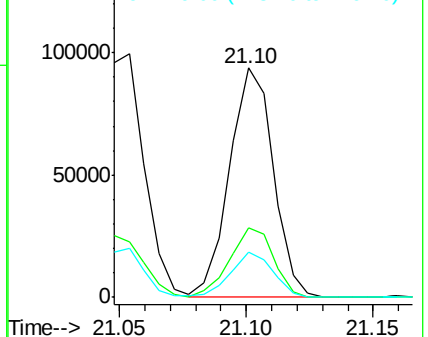
229 19.6 14.2 21.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Di-n-octyl phthalate

Concen: 17.13 ng/ul

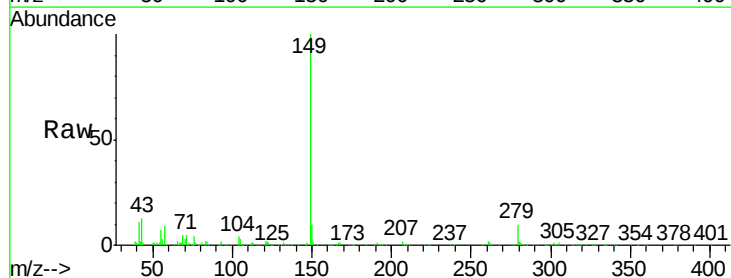
RT: 21.85 min Scan# 3261

Delta R.T. -0.00 min

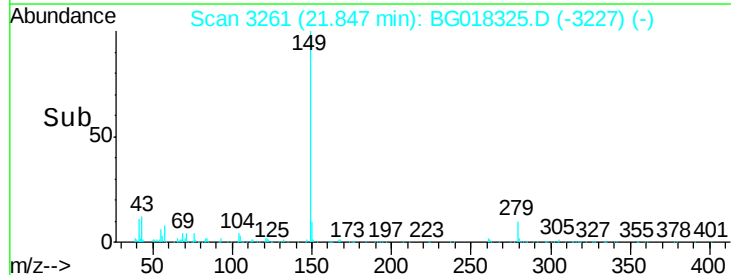
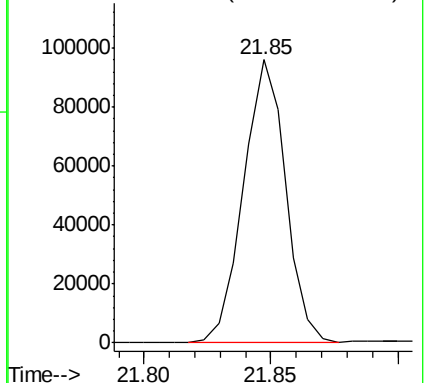
Lab File: BG018325.D

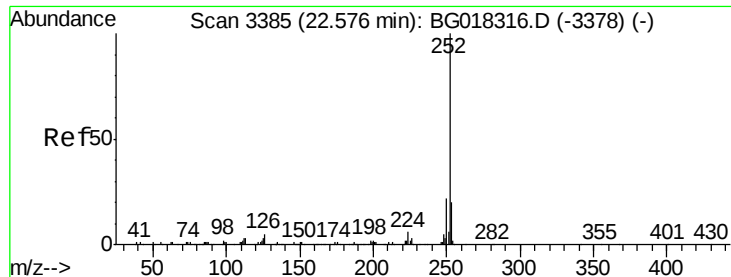
Acq: 8 Aug 2015 11:19

Tgt Ion:149 Resp: 111563



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 16.65 ng/ul

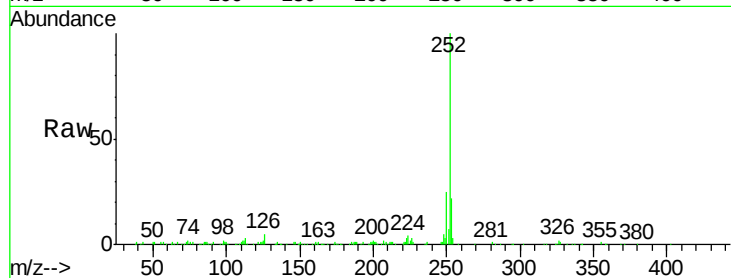
RT: 22.58 min Scan# 3385

Delta R.T. -0.00 min

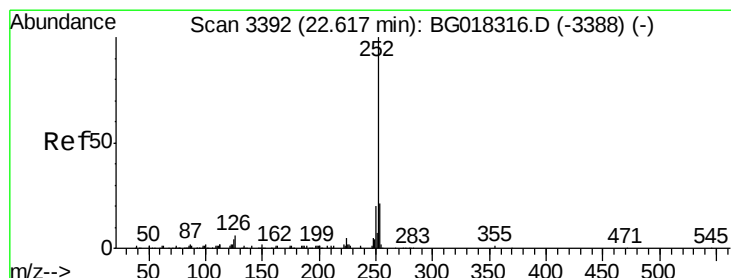
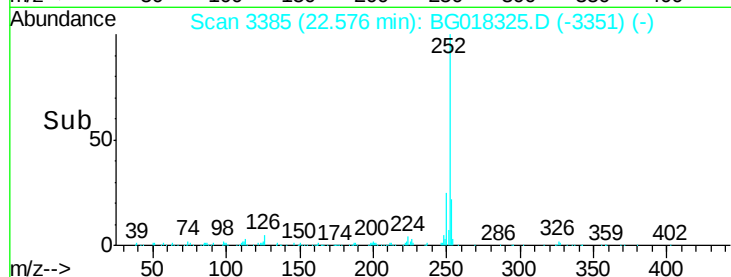
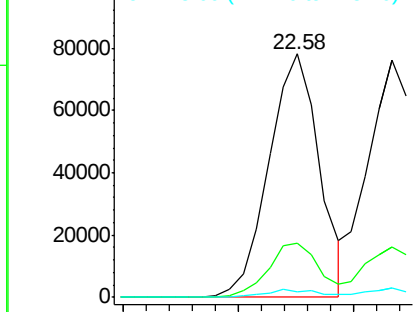
Lab File: BG018325.D

Acq: 8 Aug 2015 11:19

Tgt Ion:	252	Resp:	118157
Ion Ratio	Lower	Upper	
252	100		
253	22.1	16.2	24.4
125	2.4	2.4	3.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 16.67 ng/ul

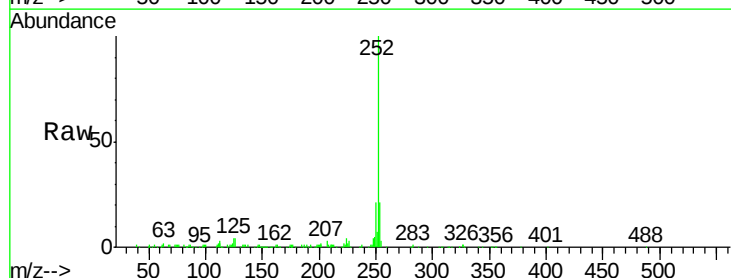
RT: 22.62 min Scan# 3392

Delta R.T. -0.00 min

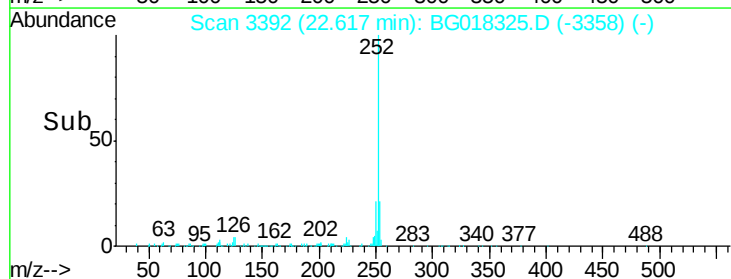
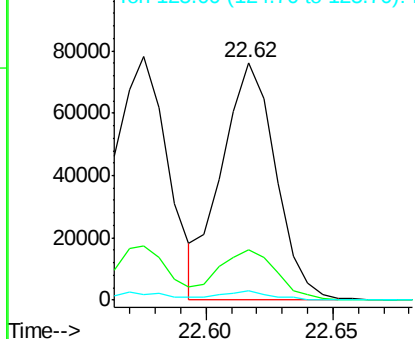
Lab File: BG018325.D

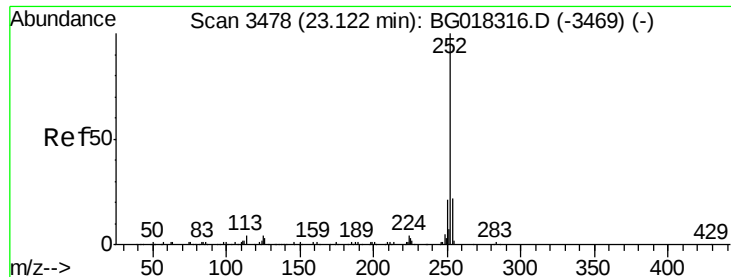
Acq: 8 Aug 2015 11:19

Tgt Ion:	252	Resp:	113034
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.4	26.0
125	3.9	3.3	4.9



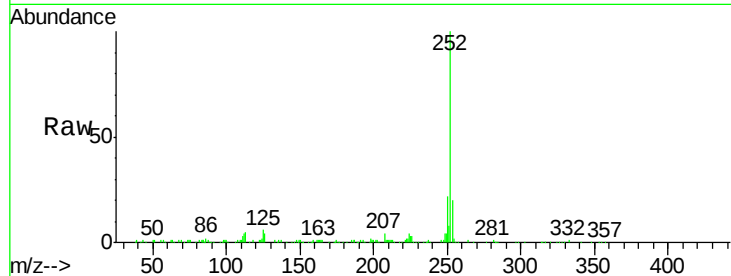
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



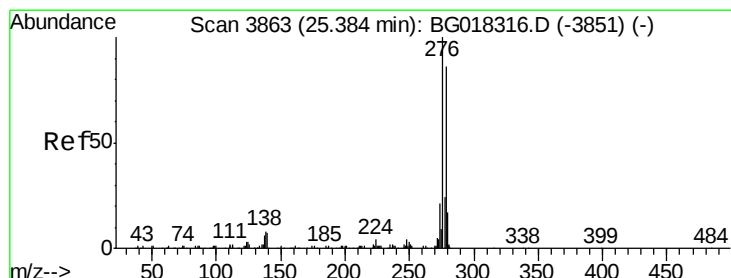
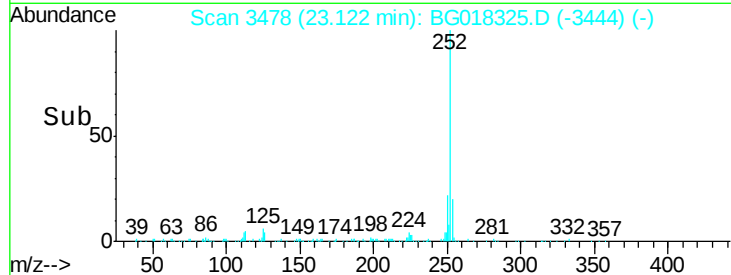
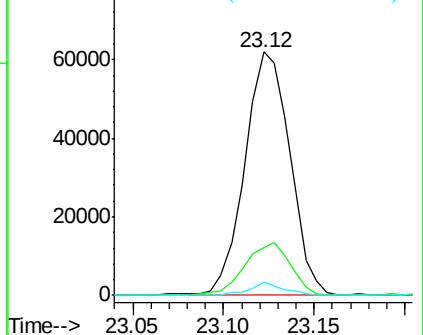


#91
Benzo(a)pyrene
Concen: 16.77 ng/ul
RT: 23.12 min Scan# 3478
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.7	17.2	25.8
125	5.6	2.8	4.2#

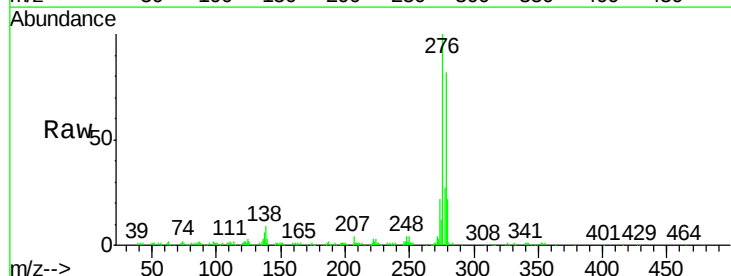


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

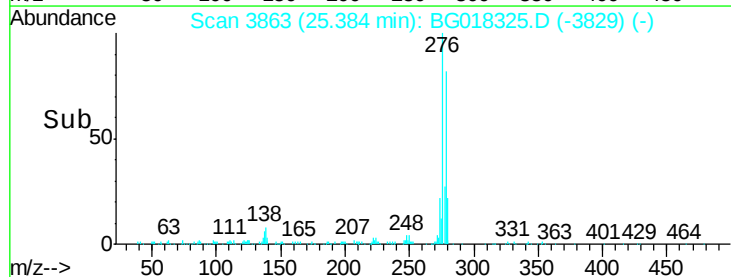
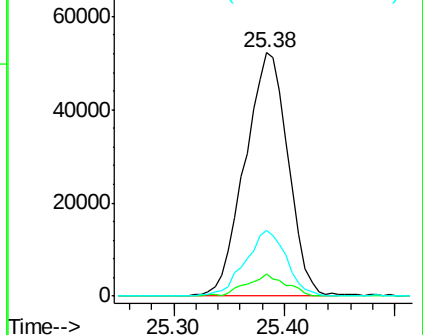


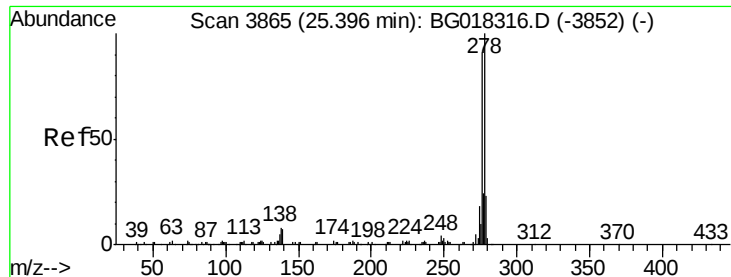
#92
Indeno(1,2,3-cd)pyrene
Concen: 18.30 ng/ul
RT: 25.38 min Scan# 3863
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	6.6	9.8
277	27.2	18.9	28.3



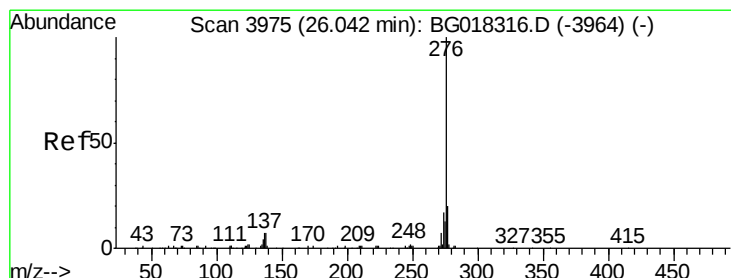
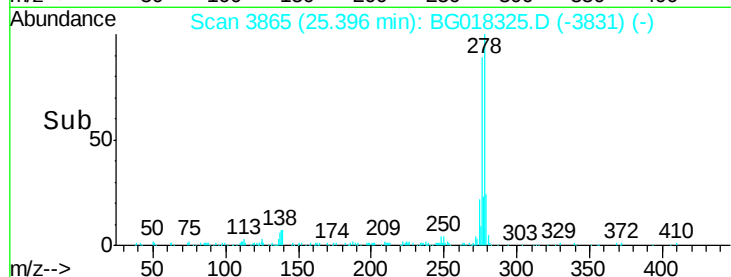
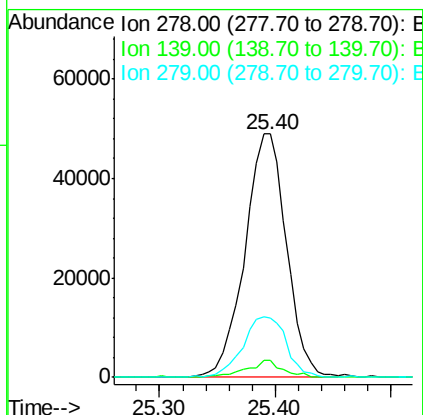
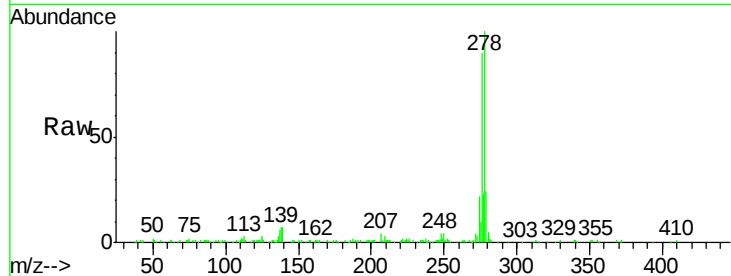
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#93
Dibenzo(a,h)anthracene
Concen: 18.04 ng/ul
RT: 25.40 min Scan# 3865
Delta R.T. -0.00 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion: 278 Resp: 122748
Ion Ratio Lower Upper
278 100
139 6.8 5.4 8.0
279 24.3 18.2 27.4



#94
Benzo(g,h,i)perylene
Concen: 18.48 ng/ul
RT: 26.05 min Scan# 3976
Delta R.T. 0.01 min
Lab File: BG018325.D
Acq: 8 Aug 2015 11:19

Tgt Ion: 276 Resp: 117572
Ion Ratio Lower Upper
276 100
138 7.0 5.8 8.6
277 22.9 16.2 24.4

