

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
 Data File : BG018252.D
 Acq On : 3 Aug 2015 20:55
 Operator : UM/TP
 Sample : G3109-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Quant Time: Aug 04 02:57:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:54:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	30908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	137714	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	93787	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	178658	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	124675	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	120023	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	1160	2.83	ng/uL	0.00
5) Phenol-d5	6.66	99	39442	14.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	21181	14.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	32713	15.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	23486	10.38	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	19072	17.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	22111	17.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	36257	16.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	17342	6.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	129686	17.89	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	139453	16.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	17377	12.95	ng/ul	0.00
58) Fluorene-d10	15.14	176	106583	16.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	15137	12.13	ng/ul	0.00
71) Anthracene-d10	16.99	188	128900	16.59	ng/ul	0.00
79) Pyrene-d10	19.30	212	110244	18.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	87946	14.49	ng/ul	0.00

Target Compounds

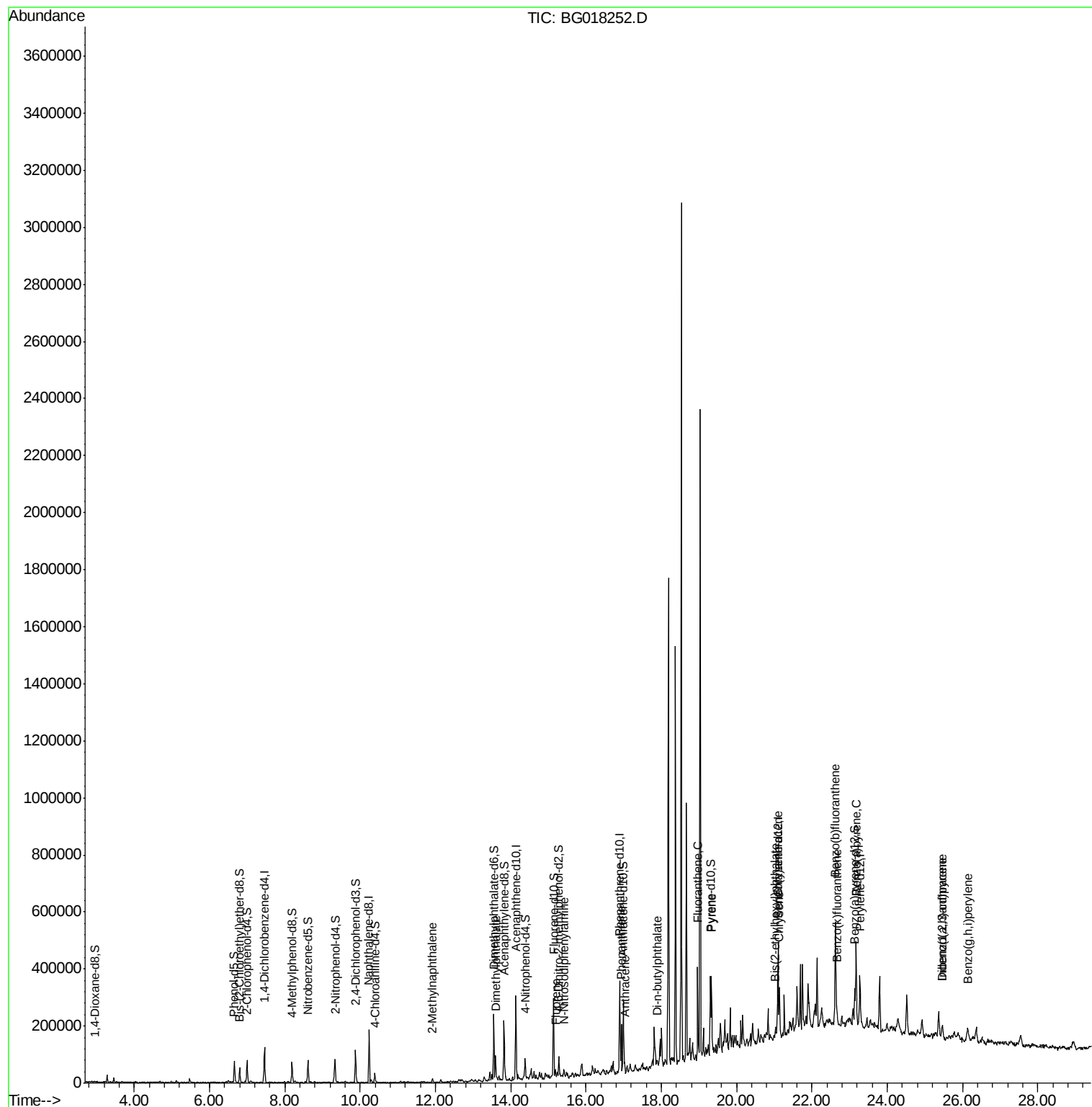
						Qvalue
34) 2-Methylnaphthalene	11.92	142	6379	1.22	ng/ul	83
45) Dimethylphthalate	13.60	163	50204	6.96	ng/ul#	97
59) Fluorene	15.19	166	8461	1.20	ng/ul	99
65) N-Nitrosodiphenylamine	15.41	169	4653	1.00	ng/ul#	48
70) Phenanthrene	16.94	178	99675	10.98	ng/ul	98
72) Anthracene	17.02	178	25075	2.78	ng/ul	94
76) Di-n-butylphthalate	17.88	149	10141	1.02	ng/ul#	97
77) Fluoranthene	18.97	202	170469	17.10	ng/ul#	93
80) Pyrene	19.33	202	132471	17.52	ng/ul#	91
83) Benzo(a)anthracene	21.09	228	57733	8.60	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.03	149	12030	2.90	ng/ul	92
85) Chrysene	21.14	228	65910	10.72	ng/ul	98
88) Benzo(b)fluoranthene	22.63	252	87249	12.10	ng/ul	93
89) Benzo(k)fluoranthene	22.66	252	30404	4.59	ng/ul	96
91) Benzo(a)pyrene	23.18	252	60053	9.31	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.47	276	45477	6.09	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.47	278	8012	1.25	ng/ul#	85
94) Benzo(g,h,i)perylene	26.14	276	44510	7.30	ng/ul#	87

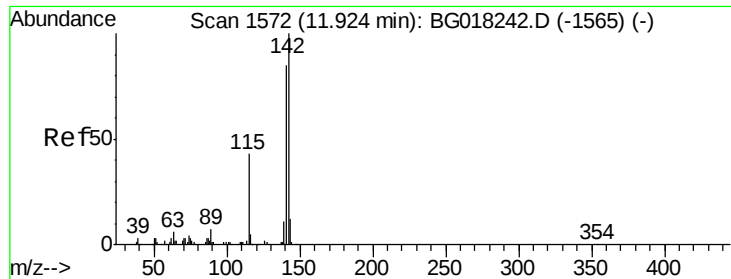
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : G3109-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02K4

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration

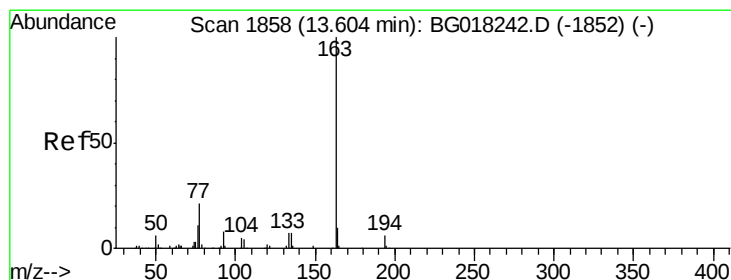
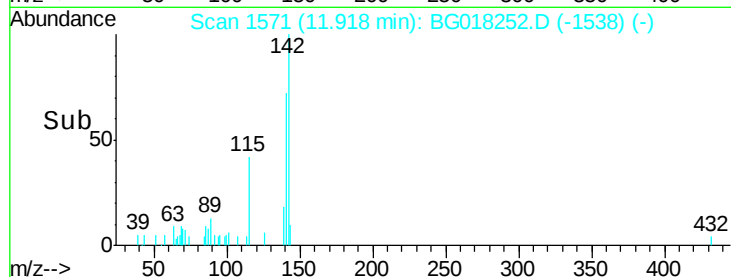
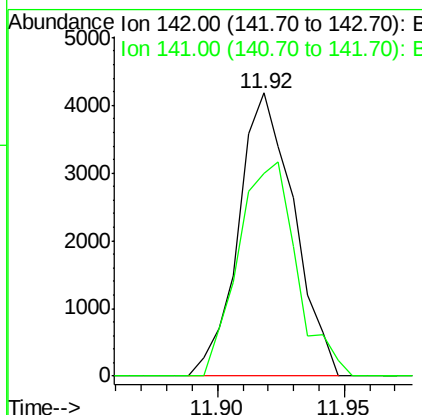
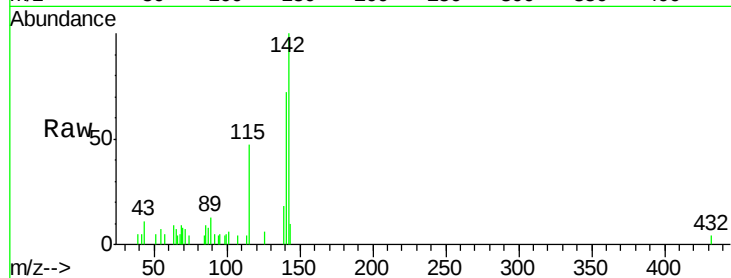




#34
 2-Methylnaphthalene
 Concen: 1.22 ng/ul
 RT: 11.92 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

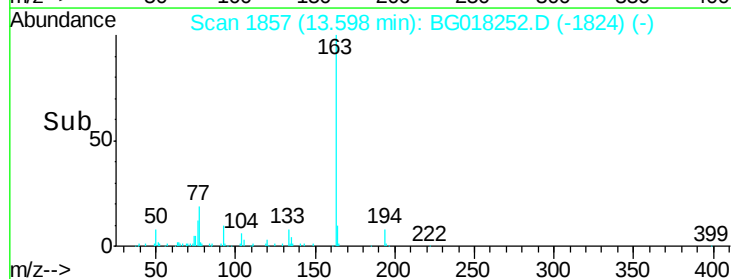
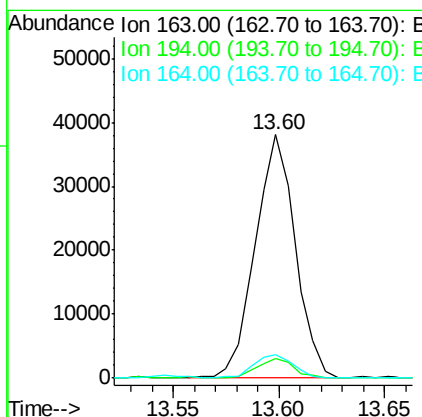
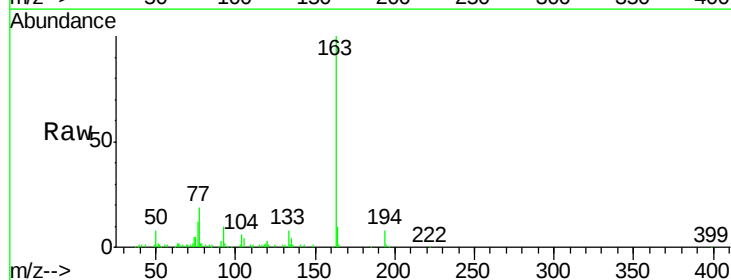
Instrument :
 BNA_G
 ClientSampleId :
 C02K4

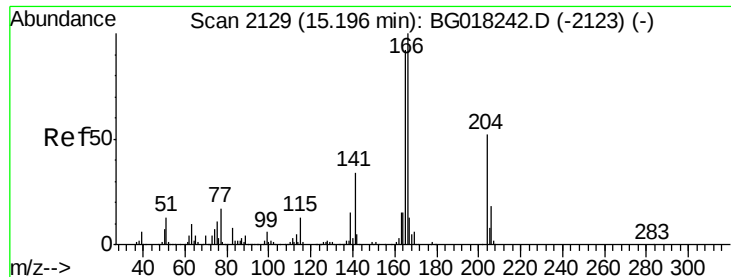
Tgt Ion:142 Resp: 6379
 Ion Ratio Lower Upper
 142 100
 141 71.7 70.3 105.5



#45
 Dimethylphthalate
 Concen: 6.96 ng/ul
 RT: 13.60 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Tgt Ion:163 Resp: 50204
 Ion Ratio Lower Upper
 163 100
 194 8.1 5.2 7.8#
 164 9.9 8.4 12.6

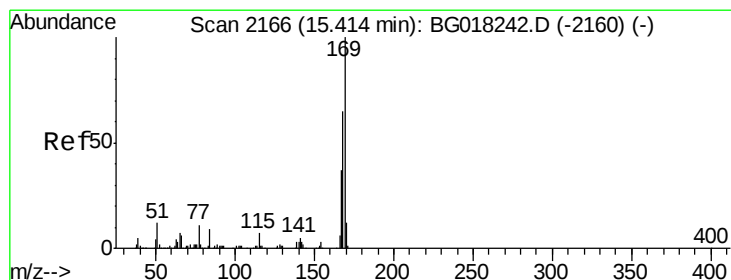
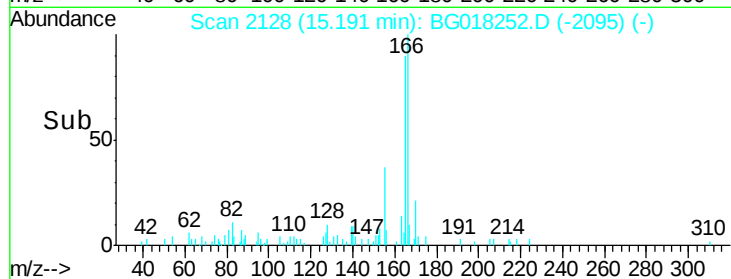
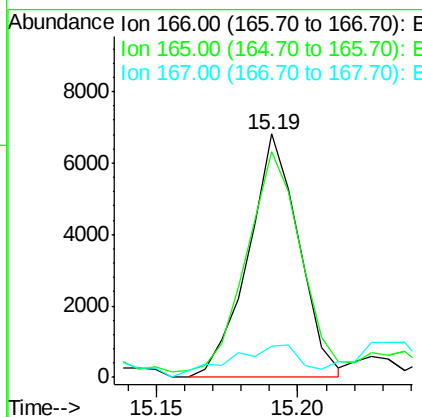
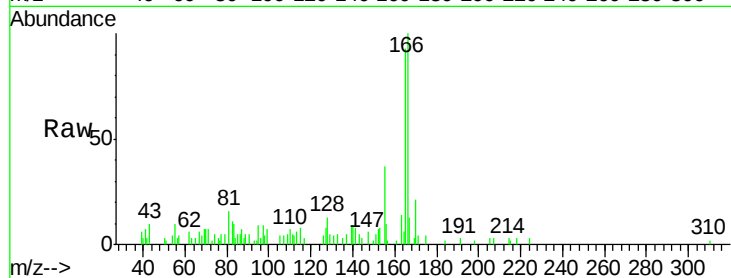




#59
 Fluorene
 Concen: 1.20 ng/ul
 RT: 15.19 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

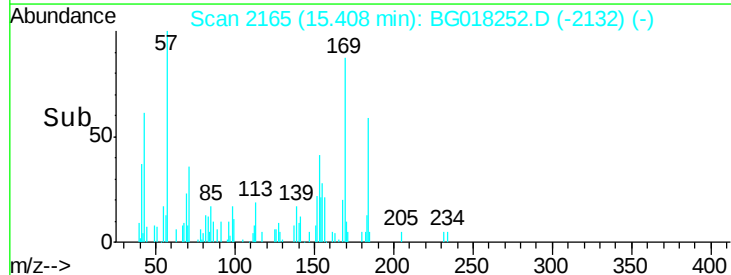
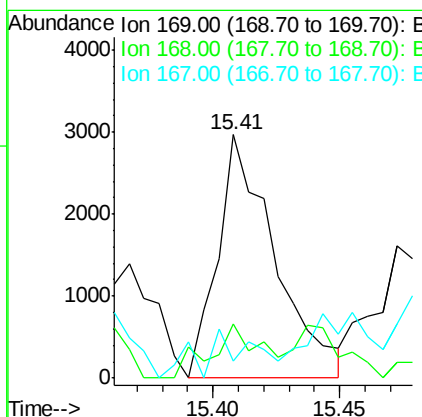
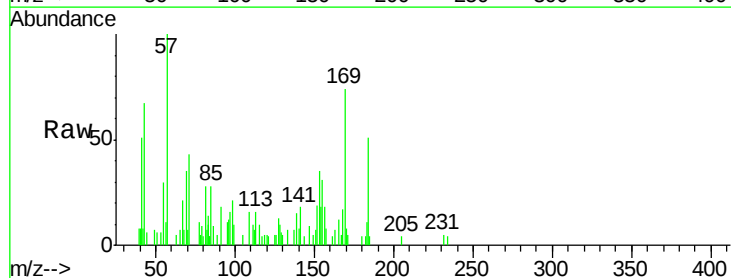
Instrument :
 BNA_G
 ClientSampleId :
 C02K4

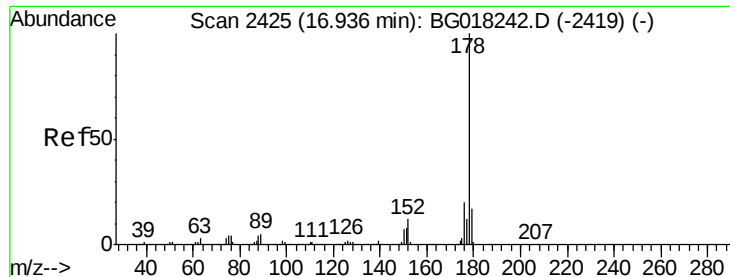
Tgt Ion:166 Resp: 8461
 Ion Ratio Lower Upper
 166 100
 165 92.9 75.1 112.7
 167 12.8 11.8 17.6



#65
 N-Nitrosodiphenylamine
 Concen: 1.00 ng/ul
 RT: 15.41 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Tgt Ion:169 Resp: 4653
 Ion Ratio Lower Upper
 169 100
 168 22.5 51.8 77.6#
 167 7.1 27.7 41.5#





#70

Phenanthrene

Concen: 10.98 ng/ul

RT: 16.94 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Instrument :

BNA_G

ClientSampleId :

C02K4

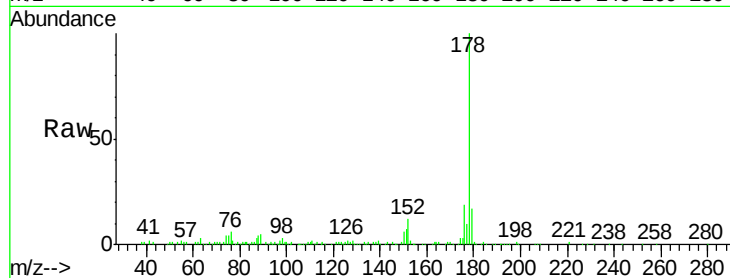
Tgt Ion:178 Resp: 99675

Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

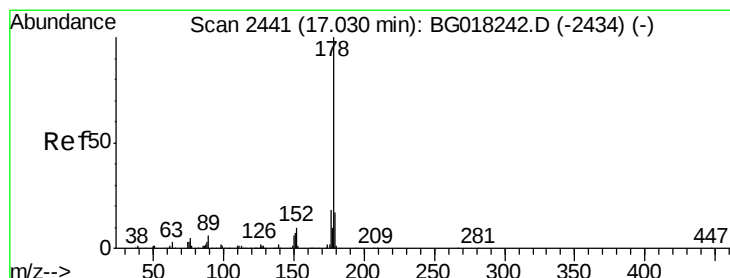
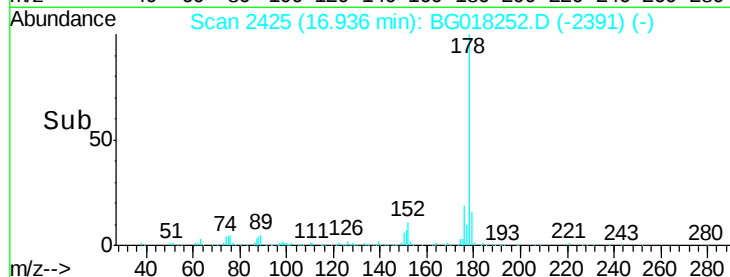
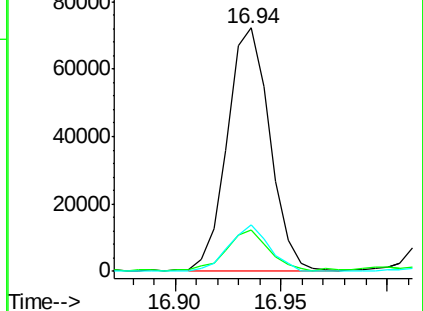
176 19.3 16.0 24.0



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: 2.78 ng/ul

RT: 17.02 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

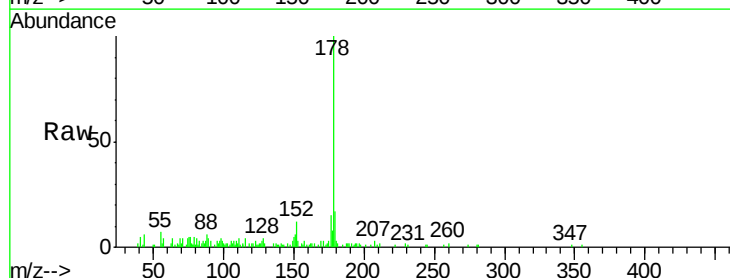
Tgt Ion:178 Resp: 25075

Ion Ratio Lower Upper

178 100

179 16.7 12.2 18.2

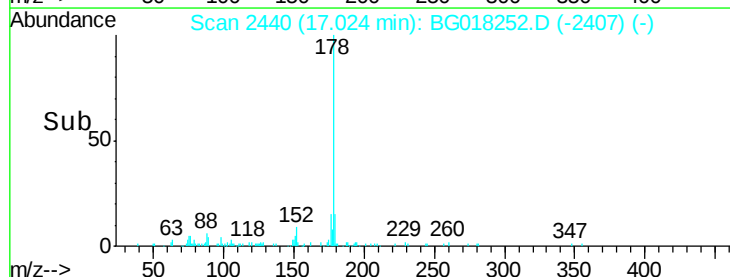
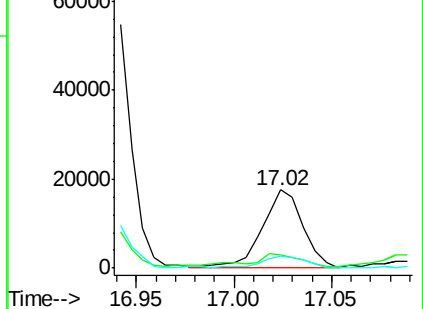
176 14.9 14.8 22.2

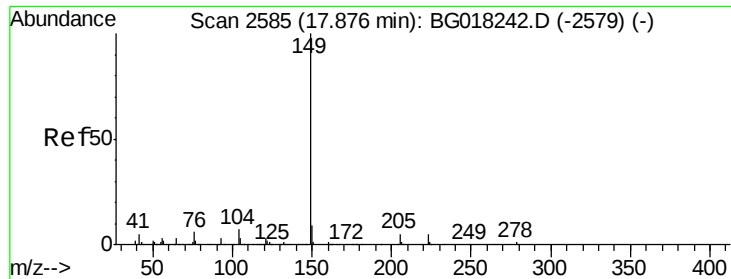


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Di-n-butylphthalate

Concen: 1.02 ng/ul

RT: 17.88 min Scan# 2585

Delta R.T. 0.00 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

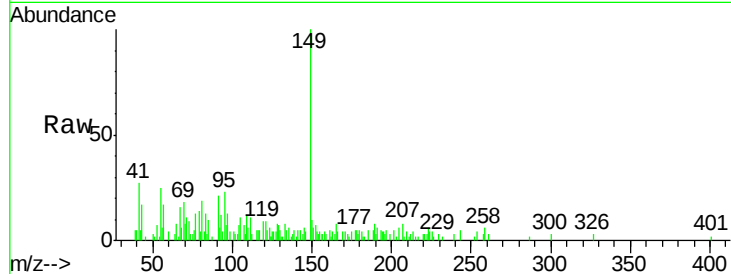
Instrument :

BNA_G

ClientSampleId :

C02K4

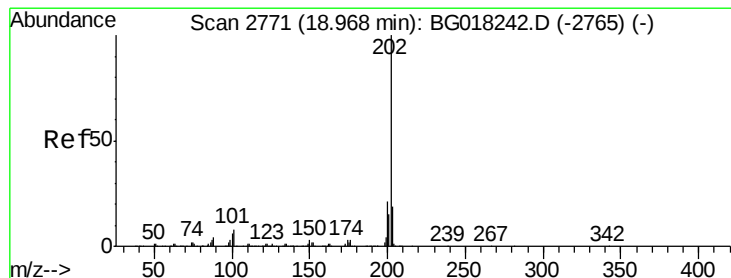
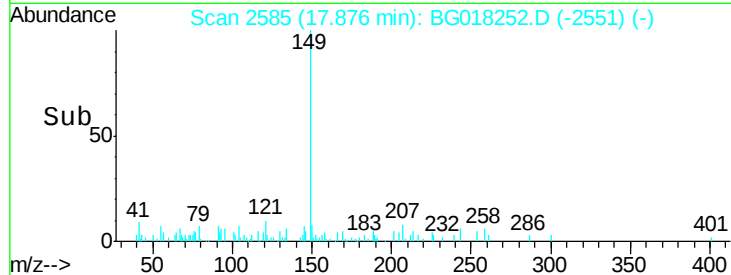
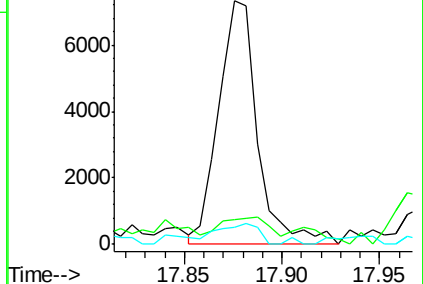
Tgt Ion:	149	Resp:	10141
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.9	3.6	5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 17.10 ng/ul

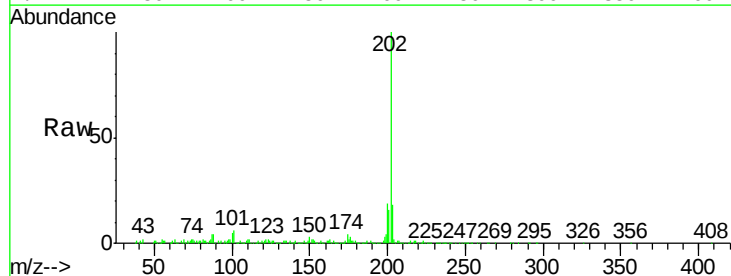
RT: 18.97 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

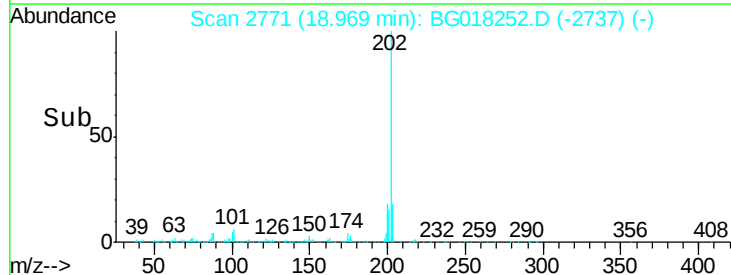
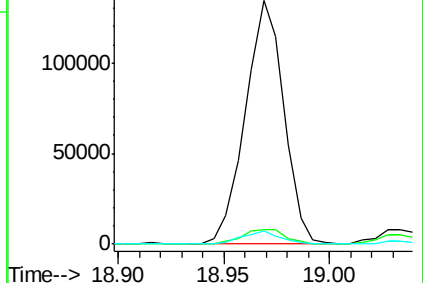
Tgt Ion:	202	Resp:	170469
Ion	Ratio	Lower	Upper
202	100		
101	6.2	7.5	11.3#
100	5.2	5.5	8.3#

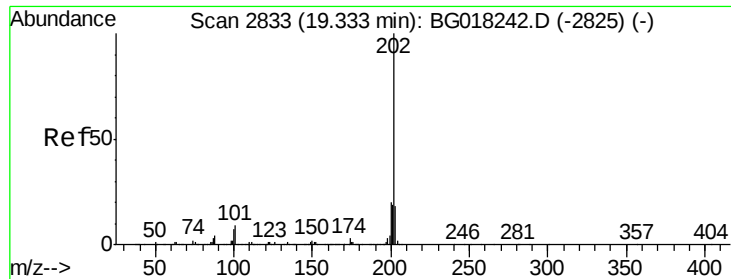


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

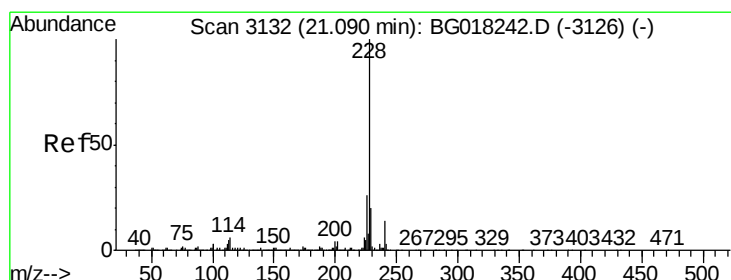
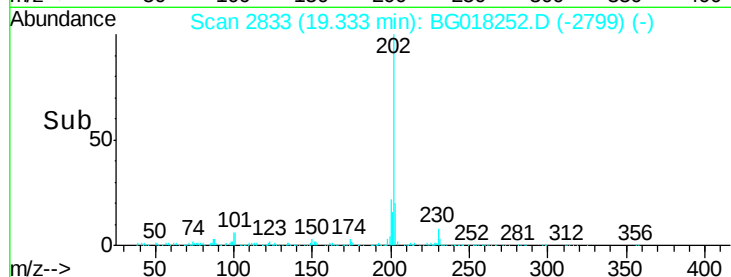
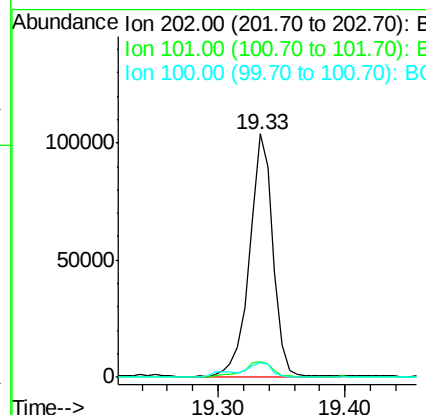
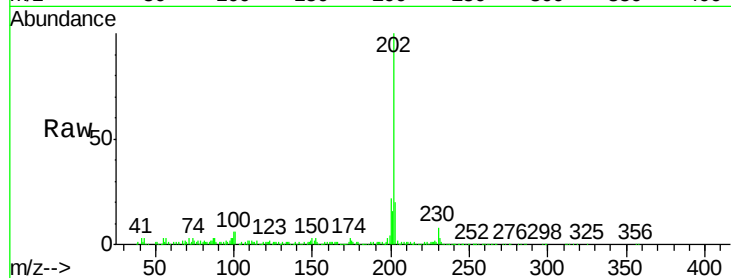




#80
Pyrene
Concen: 17.52 ng/ul
RT: 19.33 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG018252.D
Acq: 3 Aug 2015 20:55

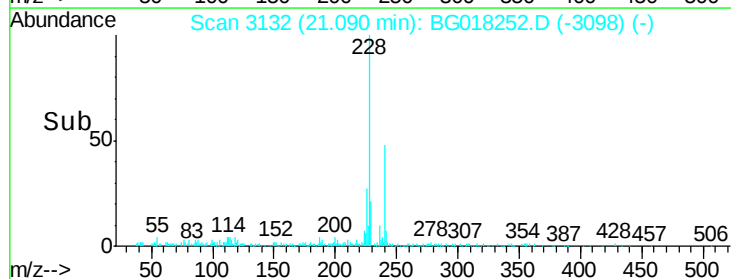
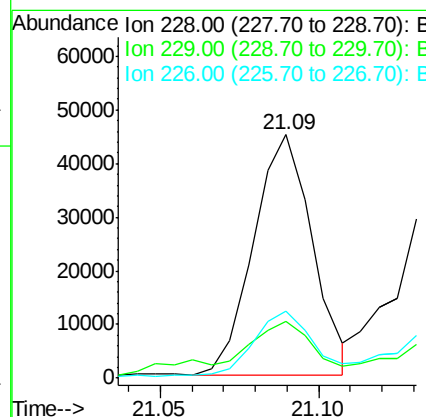
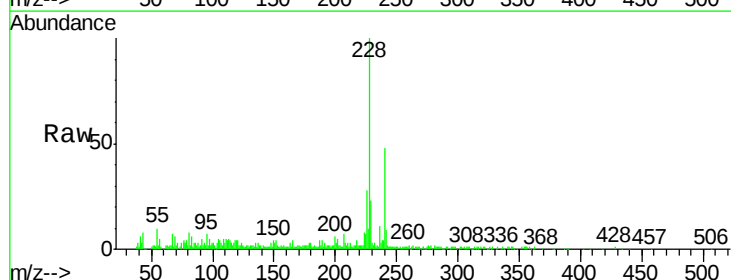
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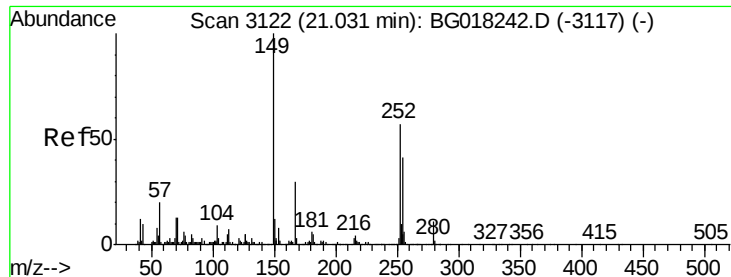
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	8.1	12.1#
100	6.1	7.4	11.0#



#83
Benzo(a)anthracene
Concen: 8.60 ng/ul
RT: 21.09 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG018252.D
Acq: 3 Aug 2015 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.4	16.5	24.7
226	27.5	21.5	32.3

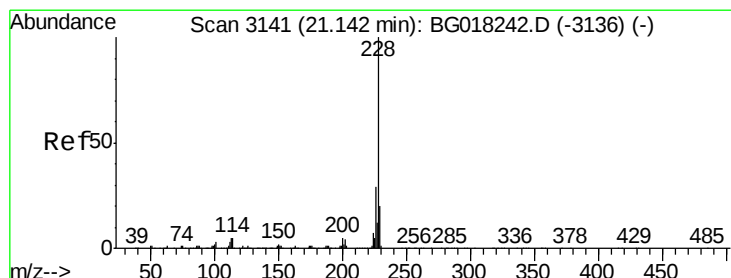
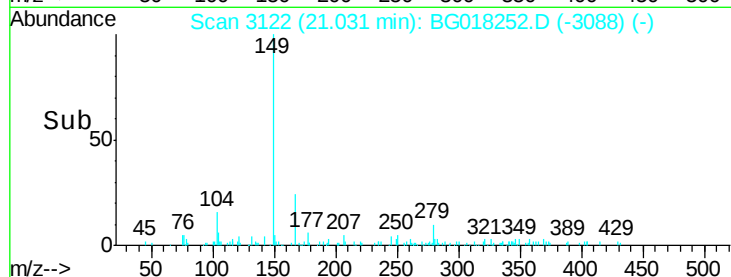
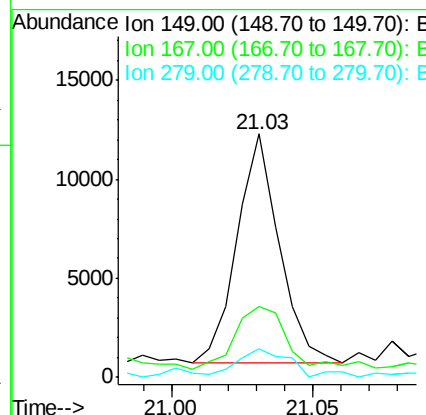
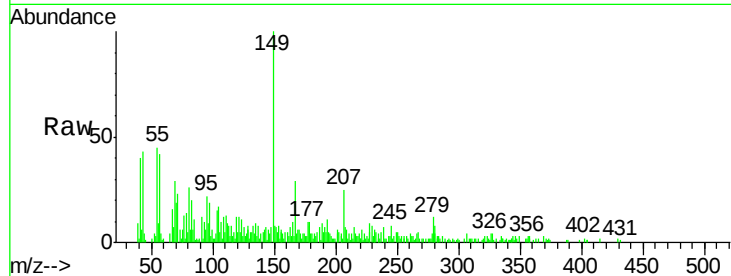




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.90 ng/ul
 RT: 21.03 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

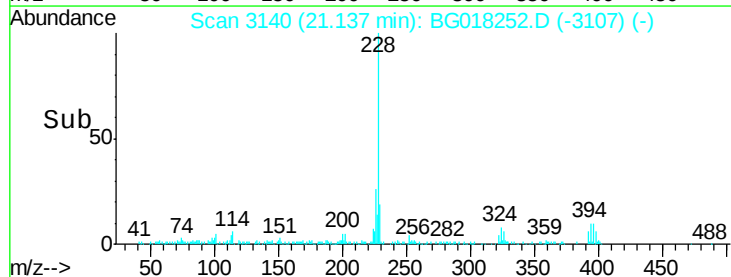
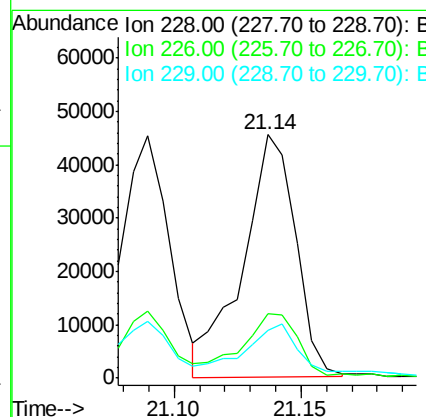
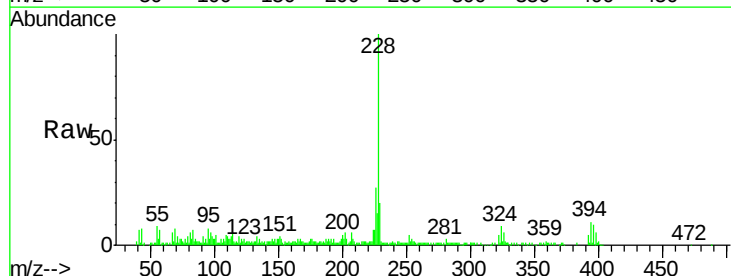
Instrument :
 BNA_G
 ClientSampleId :
 C02K4

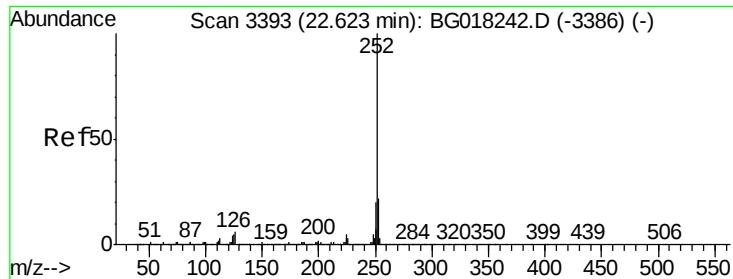
Tgt Ion:149 Resp: 12030
 Ion Ratio Lower Upper
 149 100
 167 29.1 27.4 41.2
 279 11.7 8.3 12.5



#85
 Chrysene
 Concen: 10.72 ng/ul
 RT: 21.14 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG018252.D
 Acq: 3 Aug 2015 20:55

Tgt Ion:228 Resp: 65910
 Ion Ratio Lower Upper
 228 100
 226 26.7 22.7 34.1
 229 19.8 16.2 24.2





#88

Benzo(b)fluoranthene

Concen: 12.10 ng/ul

RT: 22.63 min Scan# 3394

Delta R.T. 0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Instrument :

BNA_G

ClientSampled :

C02K4

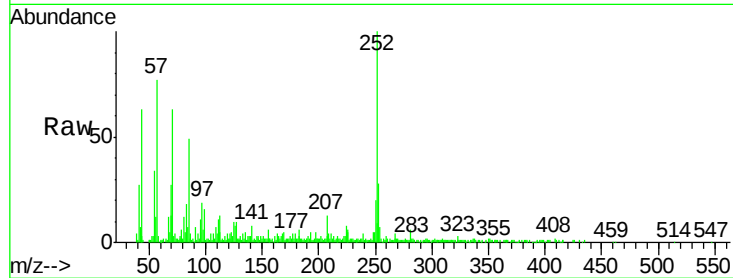
Tgt Ion:252 Resp: 87249

Ion Ratio Lower Upper

252 100

253 27.5 18.5 27.7

125 10.1 7.4 11.0

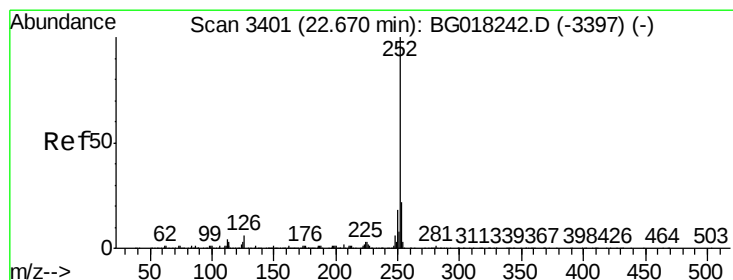
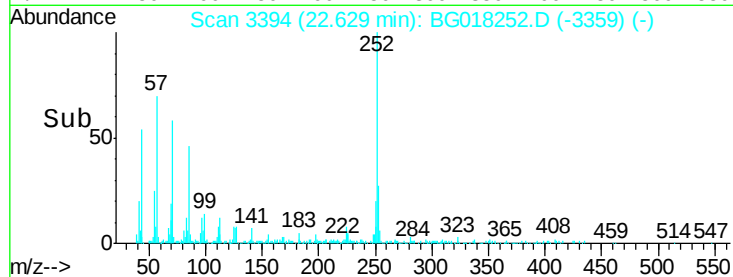
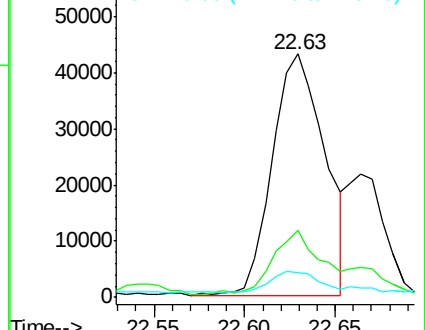


Abundance

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: 4.59 ng/ul

RT: 22.66 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

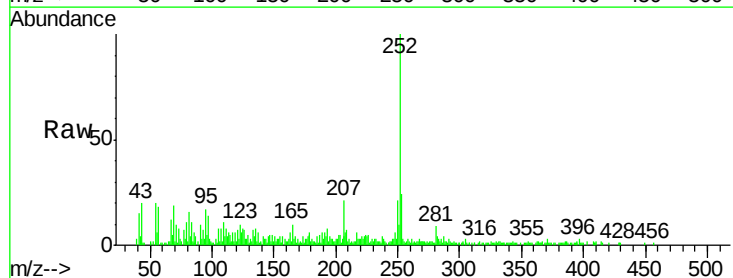
Tgt Ion:252 Resp: 30404

Ion Ratio Lower Upper

252 100

253 24.5 18.2 27.2

125 7.7 7.5 11.3

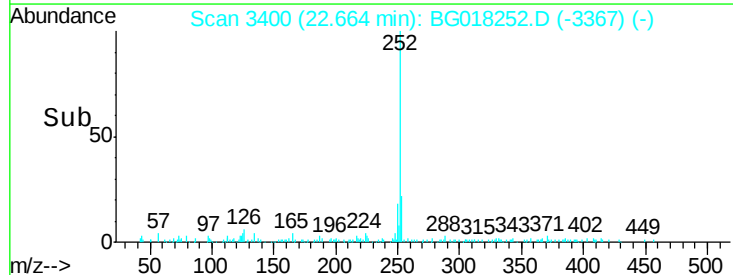
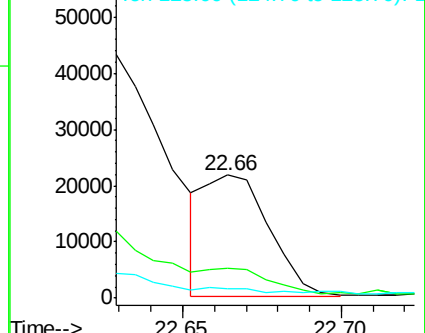


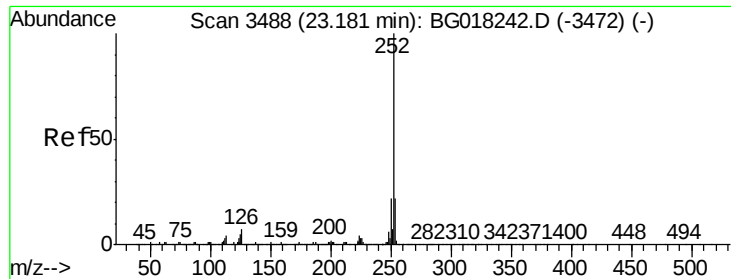
Abundance

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: 9.31 ng/ul

RT: 23.18 min Scan# 3488

Delta R.T. 0.00 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Instrument :

BNA_G

ClientSampleId :

C02K4

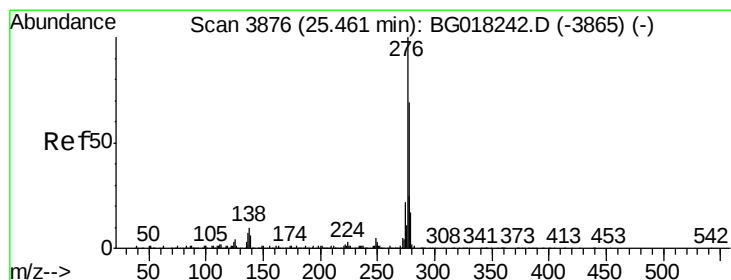
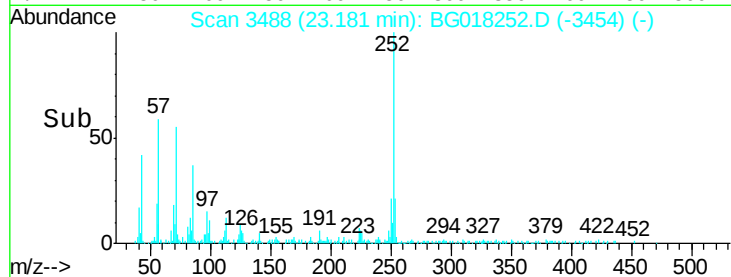
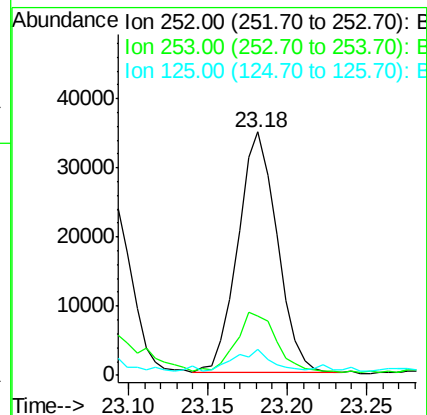
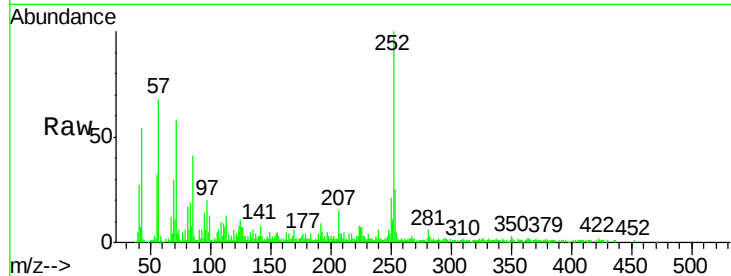
Tgt Ion:252 Resp: 60053

Ion Ratio Lower Upper

252 100

253 24.5 17.4 26.2

125 10.9 7.3 10.9



#92

Indeno(1,2,3-cd)pyrene

Concen: 6.09 ng/ul

RT: 25.47 min Scan# 3877

Delta R.T. 0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

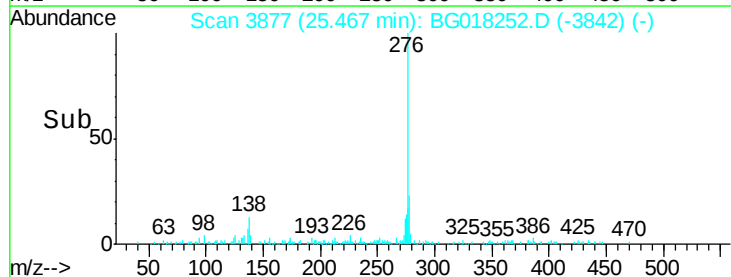
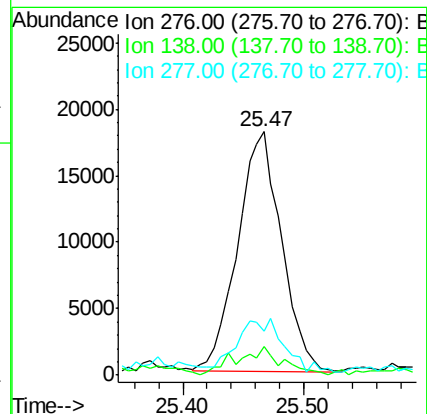
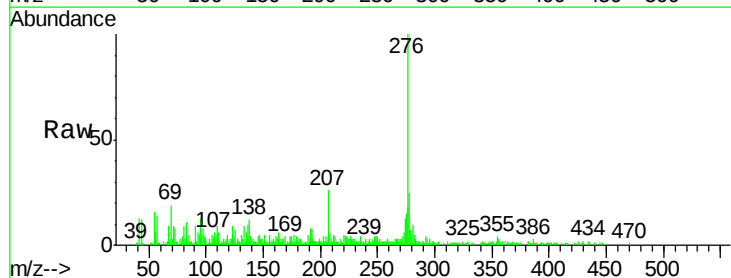
Tgt Ion:276 Resp: 45477

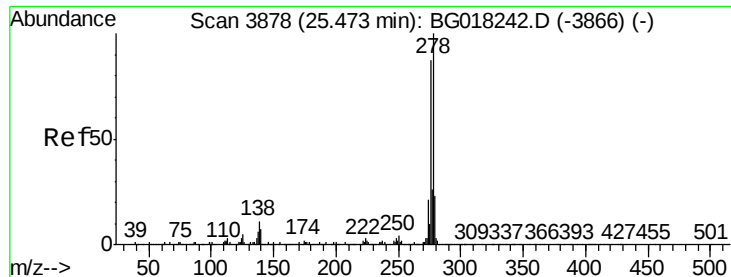
Ion Ratio Lower Upper

276 100

138 15.9 17.2 25.8#

277 17.9 19.5 29.3#





#93

Dibenzo(a,h)anthracene

Concen: 1.25 ng/ul

RT: 25.47 min Scan# 3877

Delta R.T. -0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

Instrument :

BNA_G

ClientSampleId :

C02K4

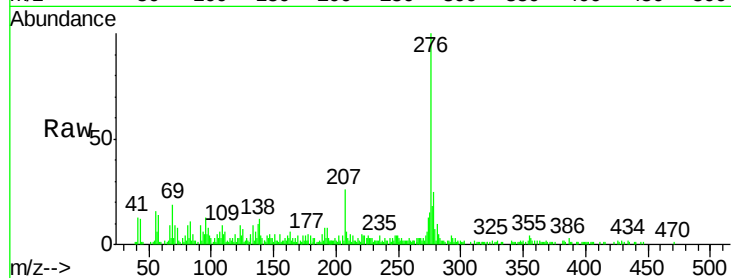
Tgt Ion:278 Resp: 8012

Ion Ratio Lower Upper

278 100

139 30.6 12.2 18.2#

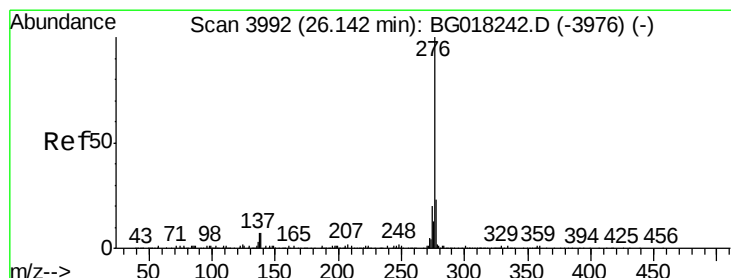
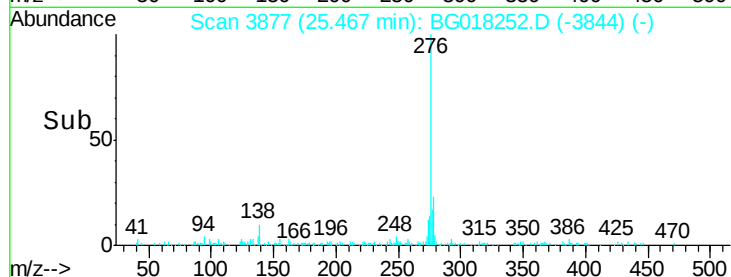
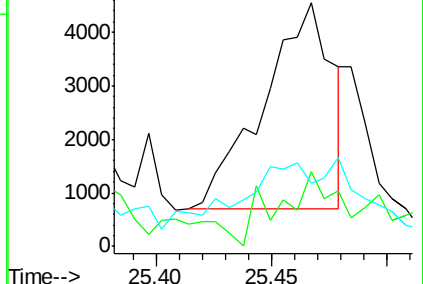
279 26.2 20.0 30.0



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: 7.30 ng/ul

RT: 26.14 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BG018252.D

Acq: 3 Aug 2015 20:55

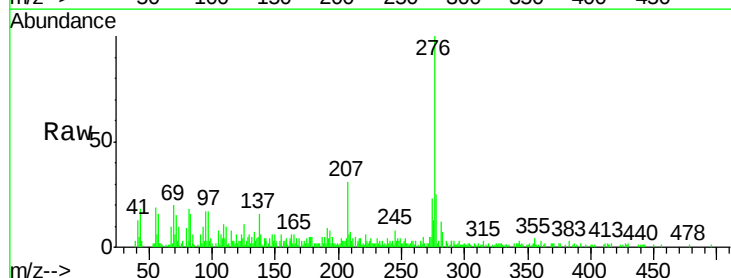
Tgt Ion:276 Resp: 44510

Ion Ratio Lower Upper

276 100

138 5.9 15.1 22.7#

277 24.6 19.8 29.6



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

