

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018367.D
 Acq On : 10 Aug 2015 23:28
 Operator : UM/MA
 Sample : G3109-06RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02K4

Quant Time: Aug 11 01:44:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	134248	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	608127	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	375666	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.40	188	803808	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	709945	20.00	ng/ul	0.01
86) Perylene-d12	24.91	264	735814	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	6787	2.23	ng/uL	0.00
5) Phenol-d5	7.20	99	172186	14.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	125796	16.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	138154	14.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	63771	6.23	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	80264	16.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	83099	17.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	141645	13.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	28171	2.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	511415	16.18	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	614799	15.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	63429	11.16	ng/ul	0.00
58) Fluorene-d10	15.65	176	422797	15.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	40358	10.21	ng/ul	0.00
71) Anthracene-d10	17.50	188	571997	14.88	ng/ul	0.00
79) Pyrene-d10	19.79	212	563960	15.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	551611	14.12	ng/ul	0.03

Target Compounds

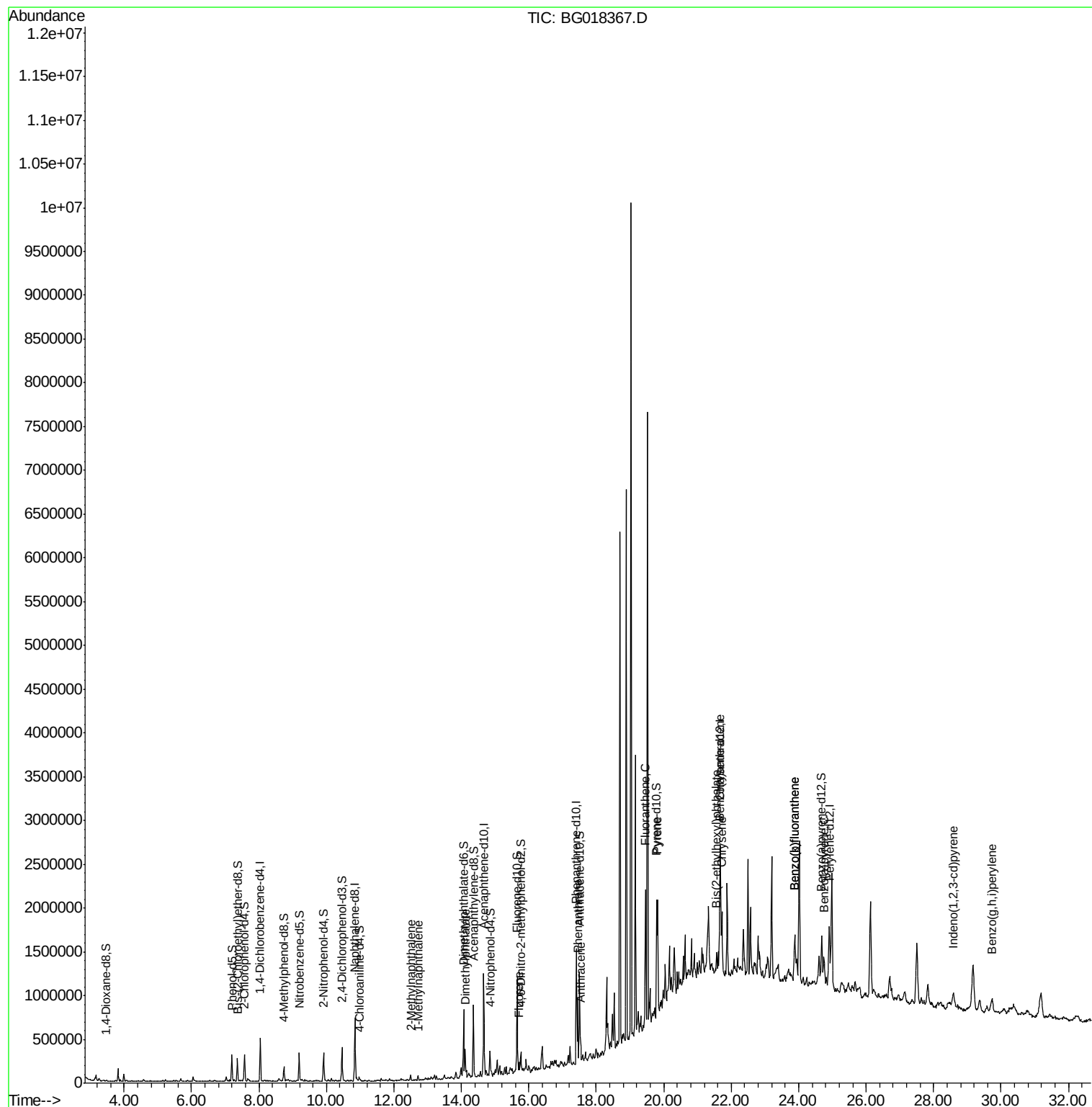
						Qvalue
34) 2-Methylnaphthalene	12.50	142	28448	1.22	ng/ul	88
35) 1-Methylnaphthalene	12.71	142	23259	1.02	ng/ul	83
45) Dimethylphthalate	14.11	163	196590	6.31	ng/ul#	98
59) Fluorene	15.70	166	37787	1.20	ng/ul#	96
70) Phenanthrene	17.45	178	449938	10.32	ng/ul	97
72) Anthracene	17.54	178	109995	2.47	ng/ul	98
77) Fluoranthene	19.46	202	835514	17.94	ng/ul	99
80) Pyrene	19.82	202	703700	14.66	ng/ul	98
83) Benzo(a)anthracene	21.66	228	396951	9.02	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.57	149	102351	3.57	ng/ul#	93
85) Chrysene	21.72	228	418938	10.18	ng/ul	98
88) Benzo(b)fluoranthene	23.88	252	554703	12.00	ng/ul#	93
89) Benzo(k)fluoranthene	23.88	252	554703	12.46	ng/ul#	93
91) Benzo(a)pyrene	24.75	252	375608	8.55	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	28.58	276	258857	5.09	ng/ul	96
94) Benzo(g,h,i)perylene	29.73	276	255703	5.99	ng/ul	95

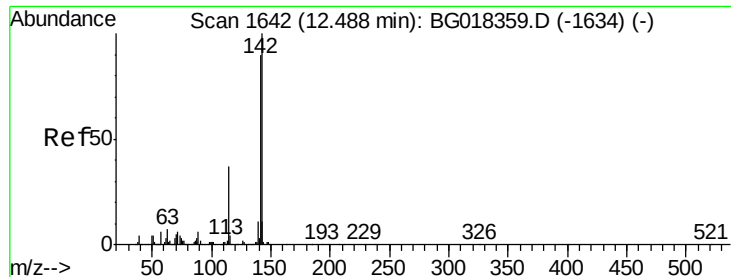
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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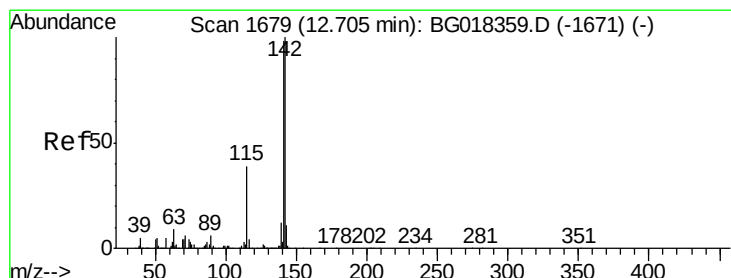
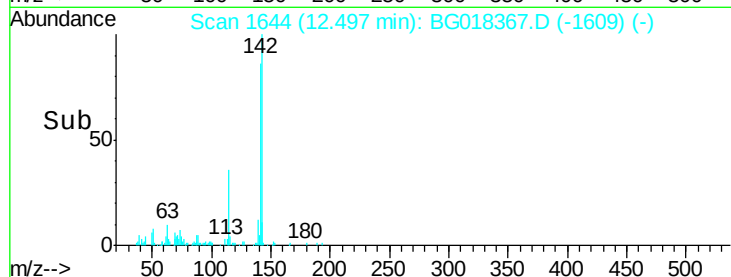
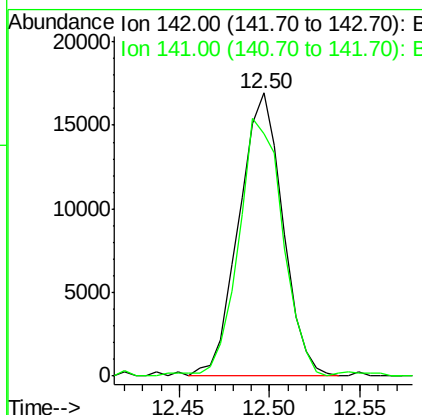
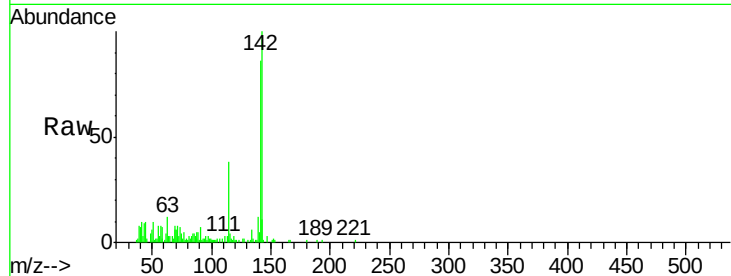




#34
2-Methylnaphthalene
Concen: 1.22 ng/ul
RT: 12.50 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BG018367.D
Acq: 10 Aug 2015 23:28

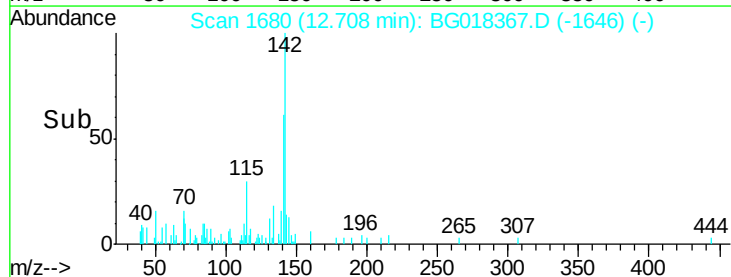
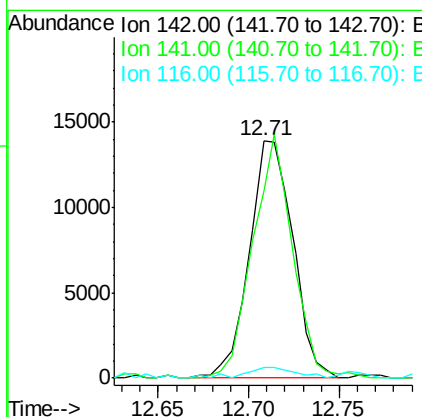
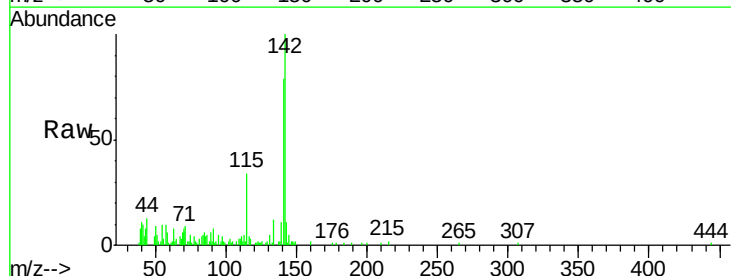
Instrument :
BNA_G
ClientSampleId :
C02K4

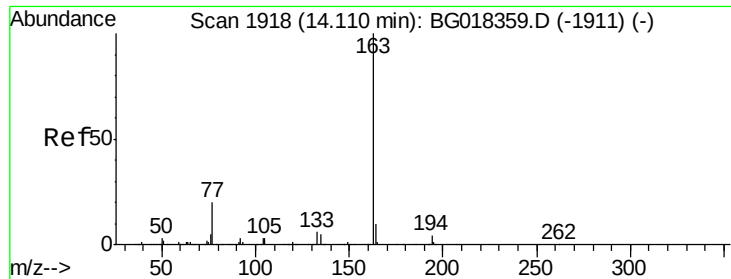
Tgt Ion:142 Resp: 28448
Ion Ratio Lower Upper
142 100
141 85.5 78.0 117.0



#35
1-Methylnaphthalene
Concen: 1.02 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BG018367.D
Acq: 10 Aug 2015 23:28

Tgt Ion:142 Resp: 23259
Ion Ratio Lower Upper
142 100
141 78.9 77.1 115.7
116 4.4 3.5 5.3

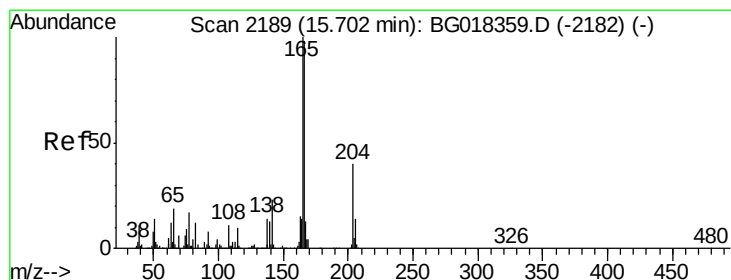
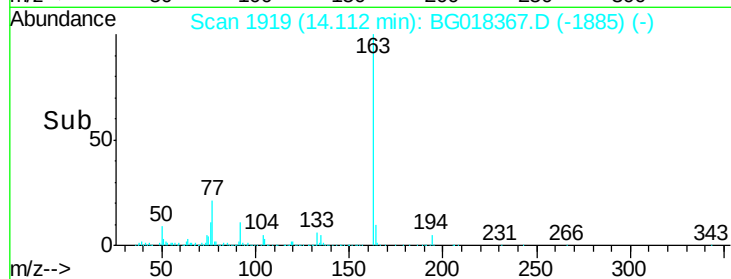
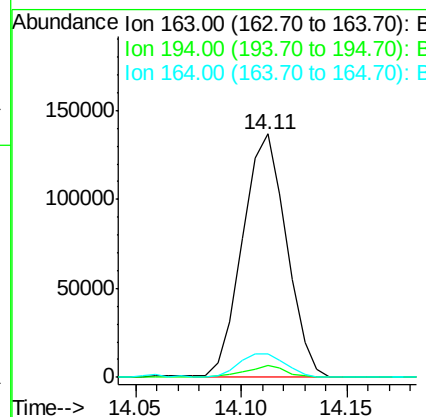
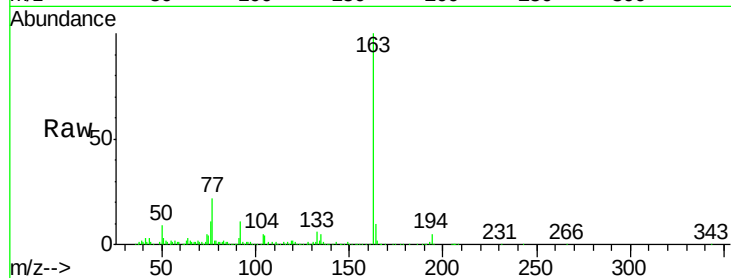




#45
Dimethylphthalate
Concen: 6.31 ng/ul
RT: 14.11 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG018367.D
Acq: 10 Aug 2015 23:28

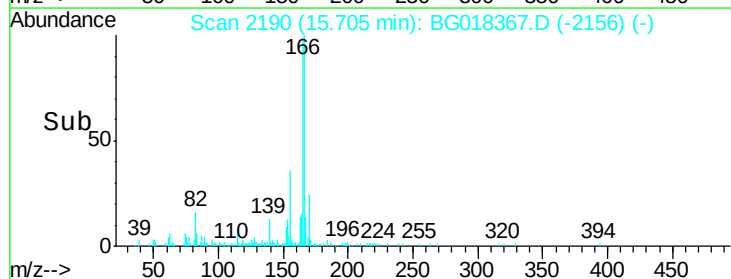
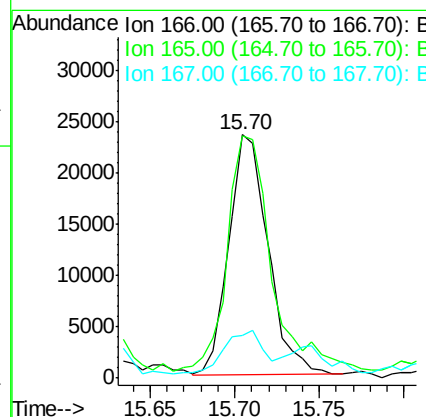
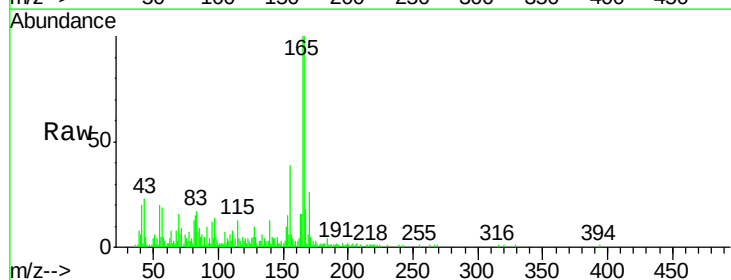
Instrument :
BNA_G
ClientSampleId :
C02K4

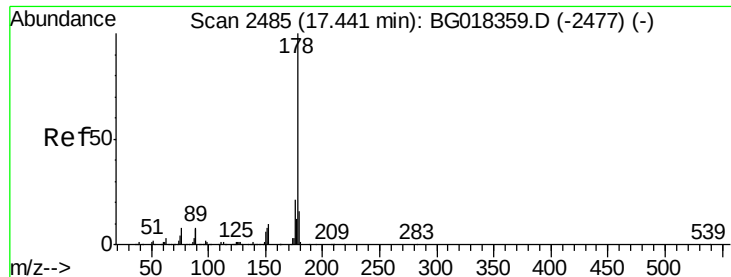
Tgt Ion:163 Resp: 196590
Ion Ratio Lower Upper
163 100
194 4.9 2.9 4.3#
164 9.9 7.7 11.5



#59
Fluorene
Concen: 1.20 ng/ul
RT: 15.70 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG018367.D
Acq: 10 Aug 2015 23:28

Tgt Ion:166 Resp: 37787
Ion Ratio Lower Upper
166 100
165 99.8 82.6 124.0
167 17.7 11.4 17.0#





#70

Phenanthrene

Concen: 10.32 ng/ul

RT: 17.45 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

Instrument :

BNA_G

ClientSampleId :

C02K4

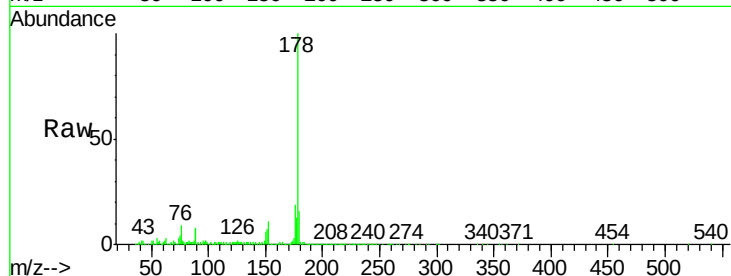
Tgt Ion:178 Resp: 449938

Ion Ratio Lower Upper

178 100

179 15.9 13.7 20.5

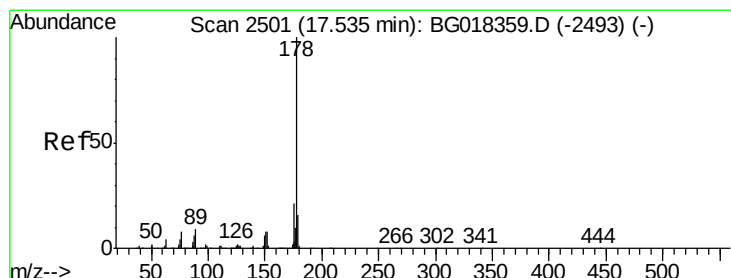
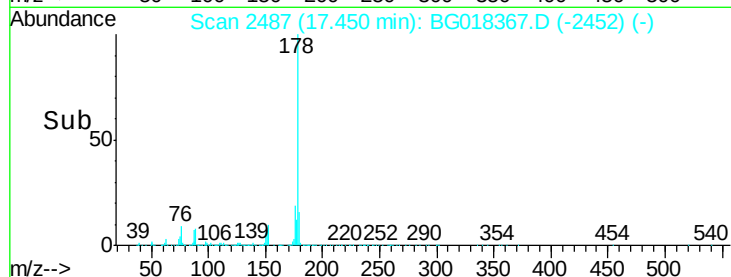
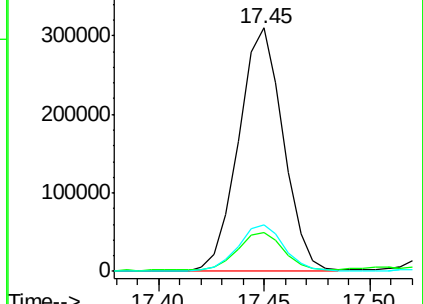
176 19.1 16.6 24.8



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: 2.47 ng/ul

RT: 17.54 min Scan# 2502

Delta R.T. 0.00 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

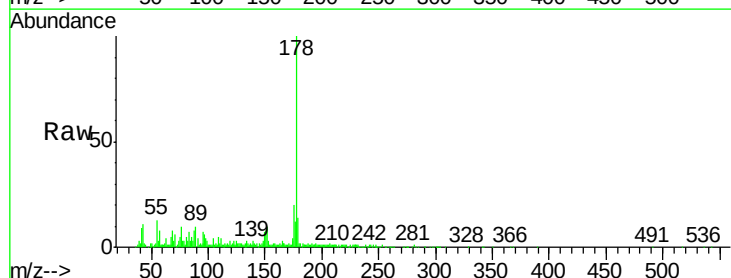
Tgt Ion:178 Resp: 109995

Ion Ratio Lower Upper

178 100

179 14.4 13.0 19.4

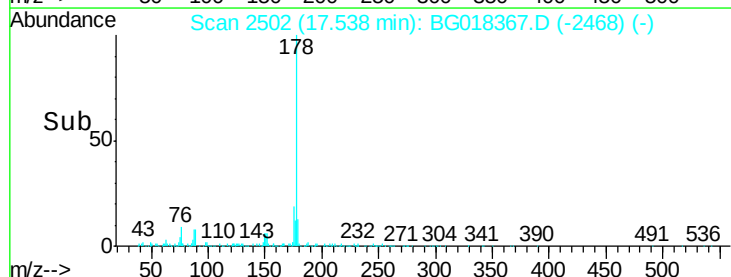
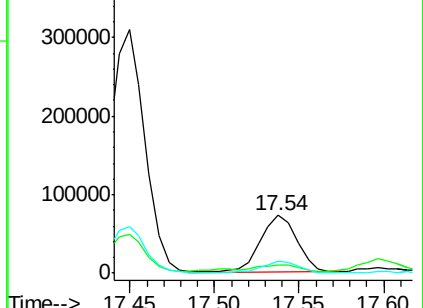
176 19.8 16.0 24.0

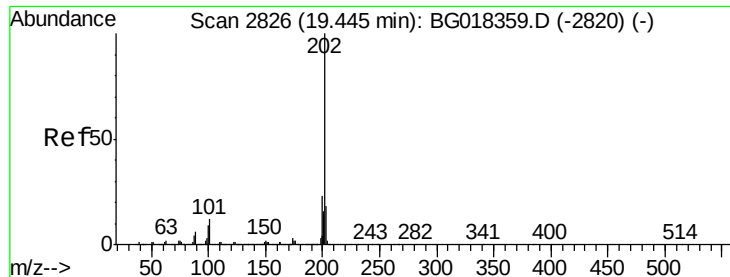


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

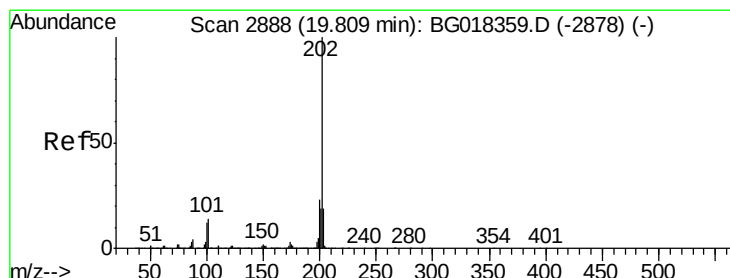
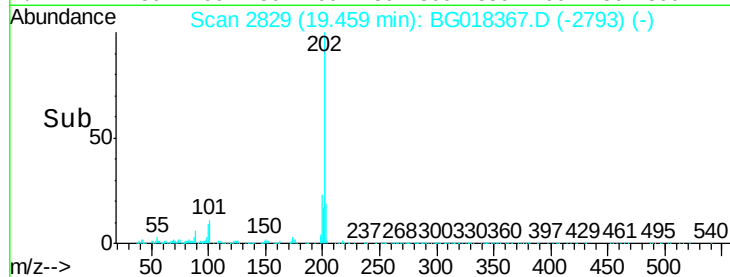
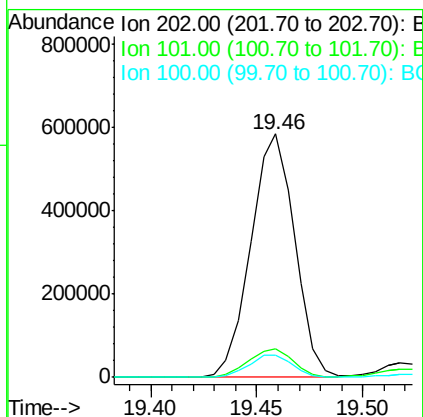
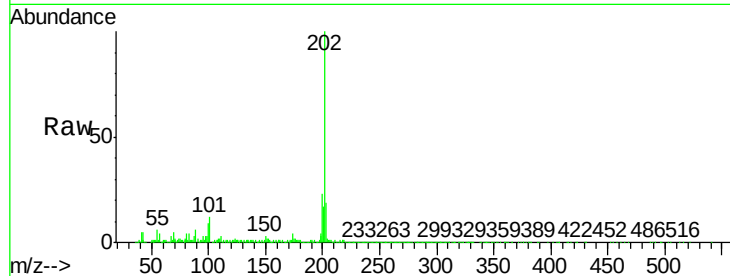




#77
Fluoranthene
Concen: 17.94 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BG018367.D
Acq: 10 Aug 2015 23:28

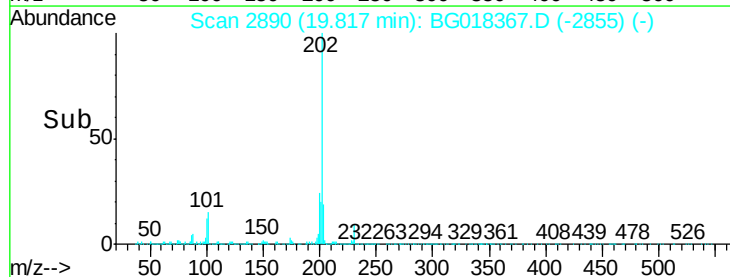
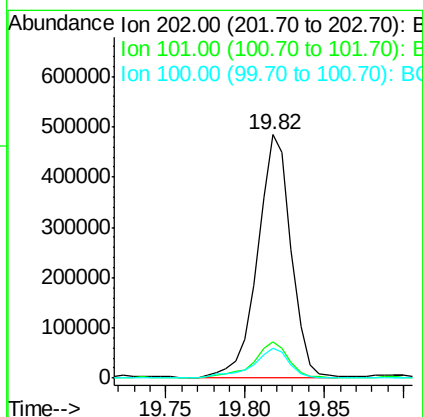
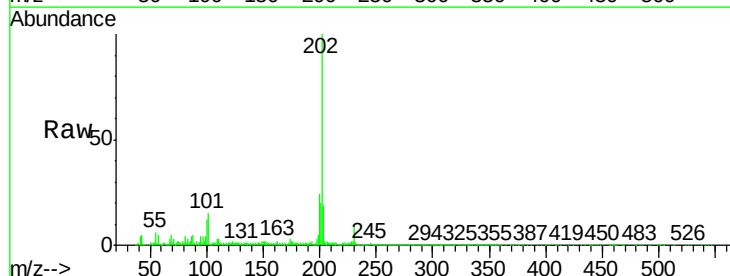
Instrument :
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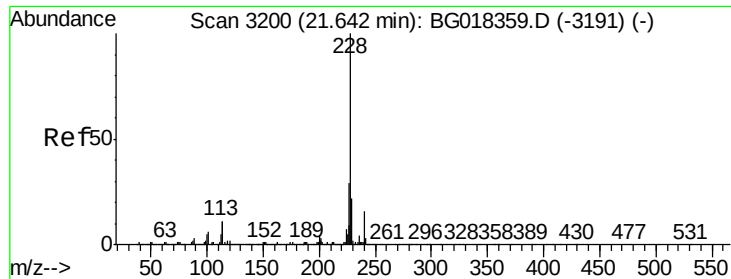
Tgt Ion:	202	Resp:	835514
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	9.2	7.8	11.8



#80
Pyrene
Concen: 14.66 ng/ul
RT: 19.82 min Scan# 2890
Delta R.T. 0.01 min
Lab File: BG018367.D
Acq: 10 Aug 2015 23:28

Tgt Ion:	202	Resp:	703700
Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.0	16.4
100	12.1	9.8	14.6





#83

Benzo(a)anthracene

Concen: 9.02 ng/ul

RT: 21.66 min Scan# 3203

Delta R.T. 0.01 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

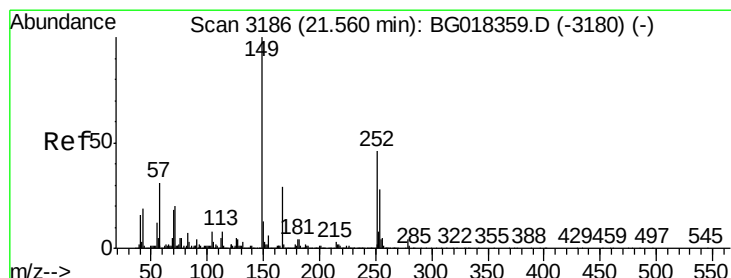
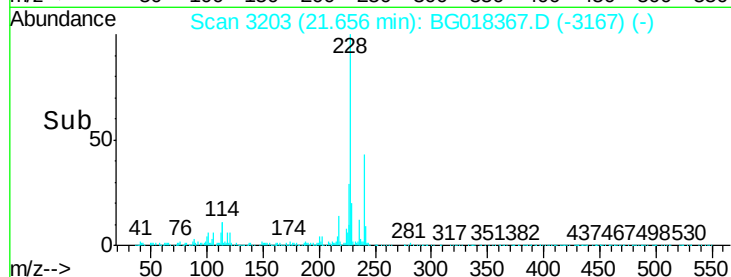
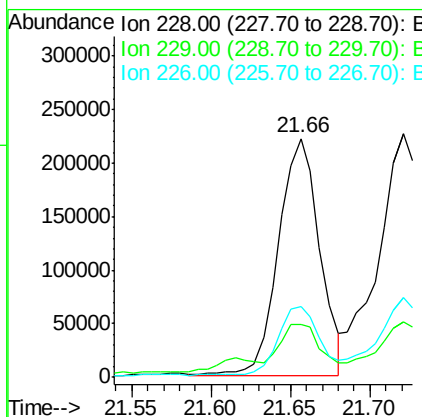
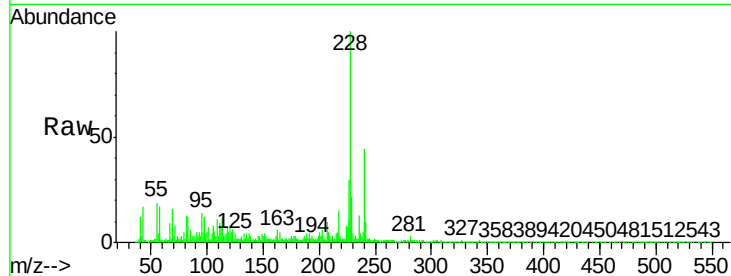
Instrument :

BNA_G

ClientSampleId :

C02K4

Tgt Ion:	228	Resp:	396951
Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.5	23.3
226	29.6	22.1	33.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.57 ng/ul

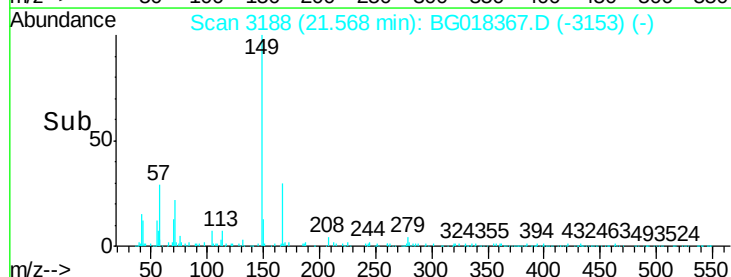
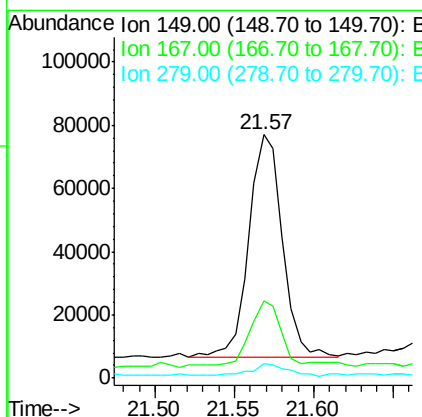
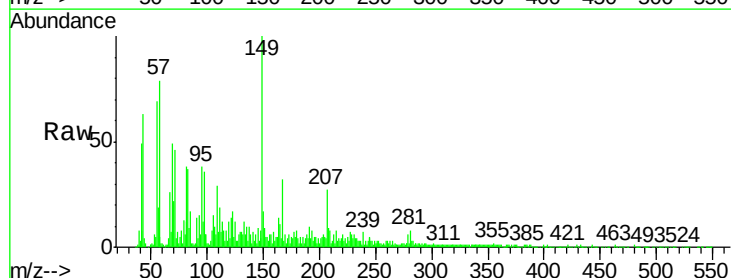
RT: 21.57 min Scan# 3188

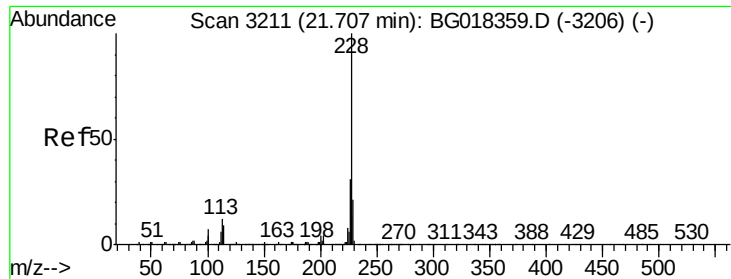
Delta R.T. 0.01 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

Tgt Ion:	149	Resp:	102351
Ion	Ratio	Lower	Upper
149	100		
167	31.6	22.2	33.2
279	5.7	2.8	4.2#

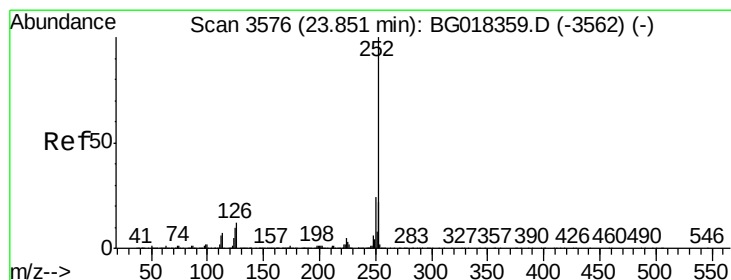
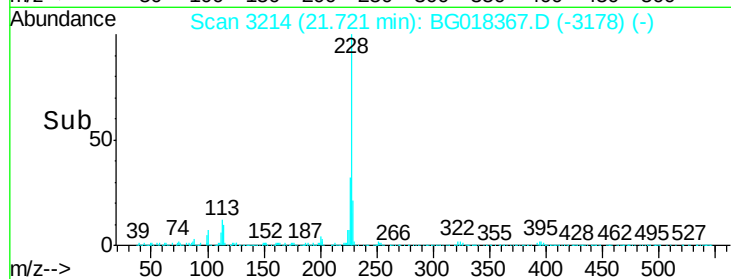
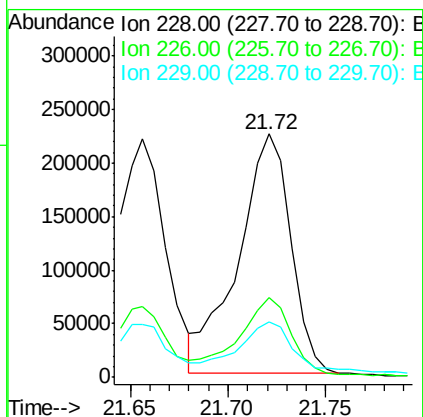
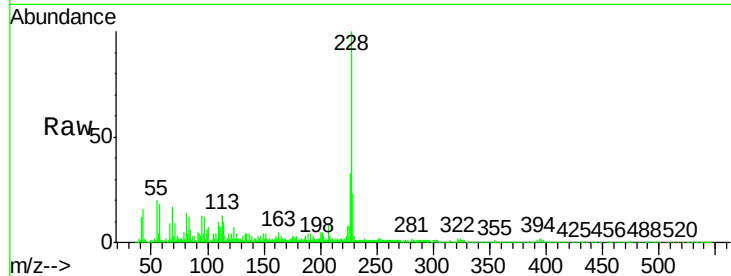




#85
 Chrysene
 Concen: 10.18 ng/ul
 RT: 21.72 min Scan# 3214
 Delta R.T. 0.01 min
 Lab File: BG018367.D
 Acq: 10 Aug 2015 23:28

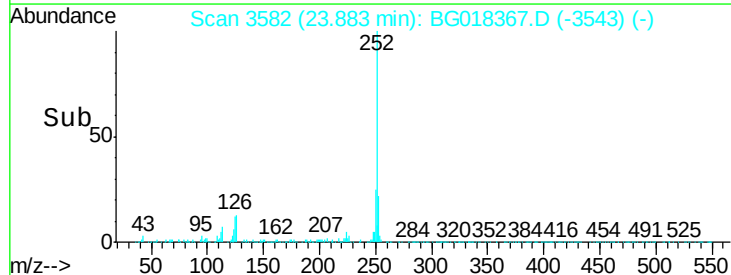
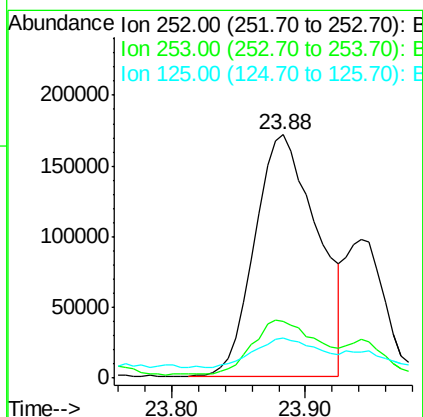
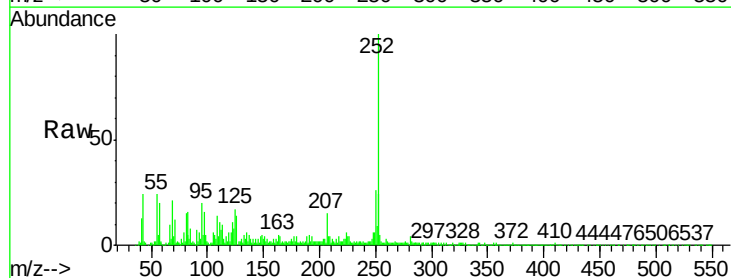
Instrument :
 BNA_G
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 C02K4

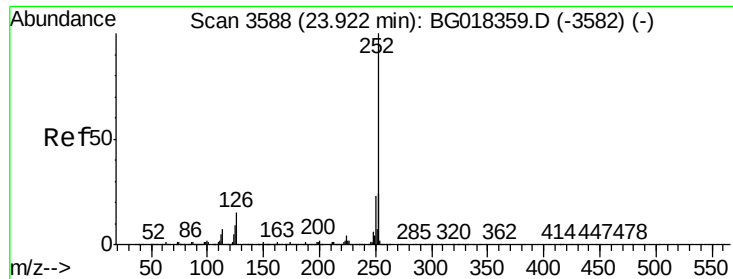
Tgt Ion:	228	Resp:	418938
Ion	Ratio	Lower	Upper
228	100		
226	32.6	26.5	39.7
229	22.7	16.9	25.3



#88
 Benzo(b)fluoranthene
 Concen: 12.00 ng/ul
 RT: 23.88 min Scan# 3582
 Delta R.T. 0.03 min
 Lab File: BG018367.D
 Acq: 10 Aug 2015 23:28

Tgt Ion:	252	Resp:	554703
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	16.7	8.3	12.5#





#89

Benzo(k)fluoranthene

Concen: 12.46 ng/ul

RT: 23.88 min Scan# 3582

Delta R.T. -0.04 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

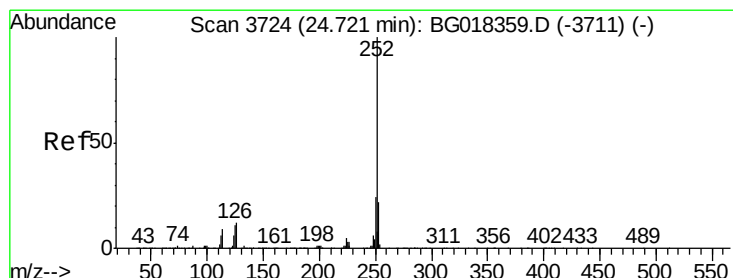
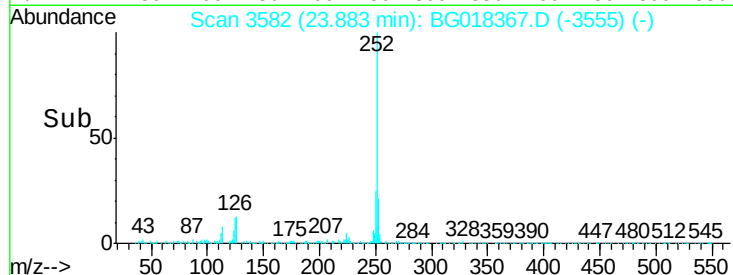
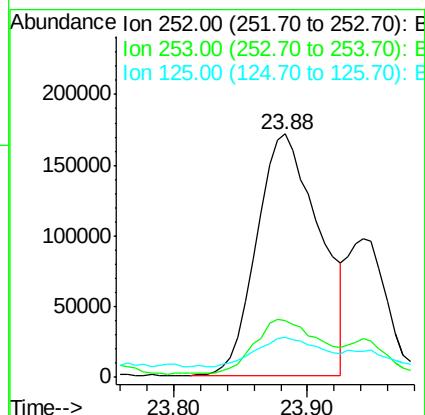
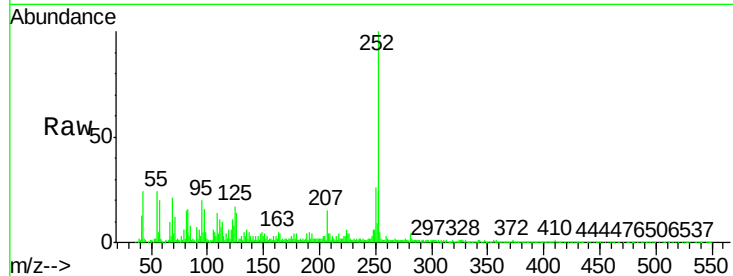
Instrument :

BNA_G

ClientSampleId :

C02K4

Tgt Ion:	252	Resp:	554703
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	16.7	9.0	13.4#



#91

Benzo(a)pyrene

Concen: 8.55 ng/ul

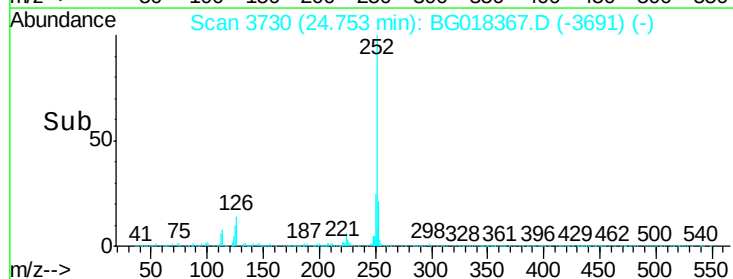
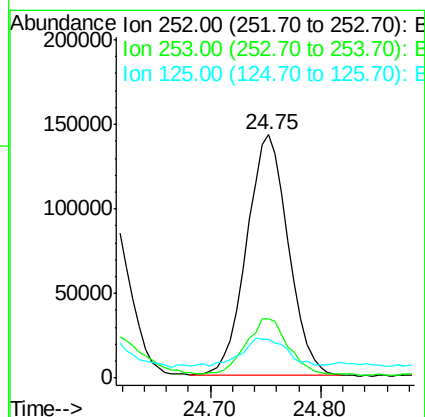
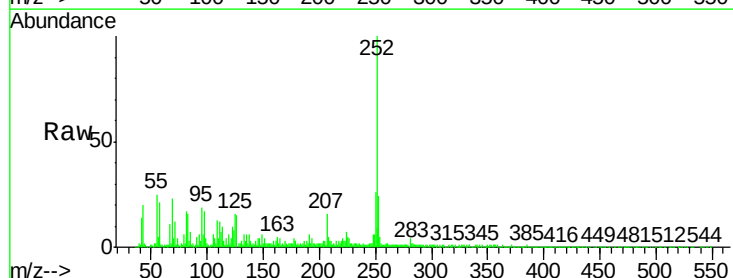
RT: 24.75 min Scan# 3730

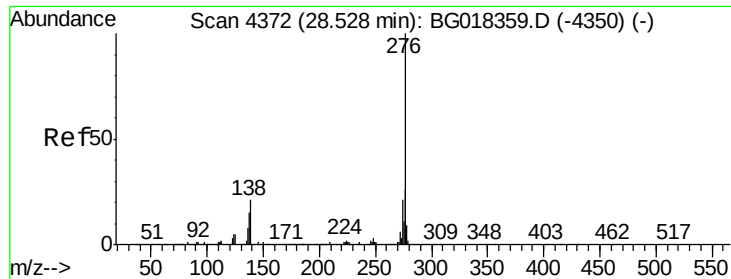
Delta R.T. 0.03 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

Tgt Ion:	252	Resp:	375608
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	15.8	10.2	15.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 5.09 ng/ul

RT: 28.58 min Scan# 4382

Delta R.T. 0.06 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

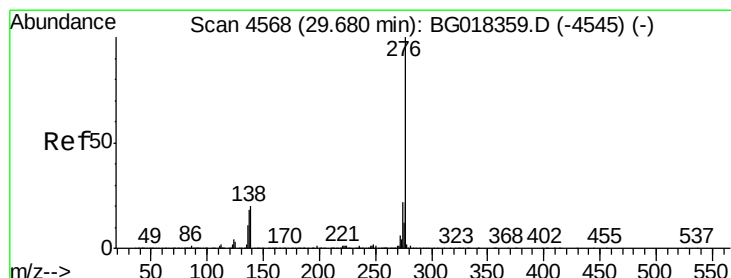
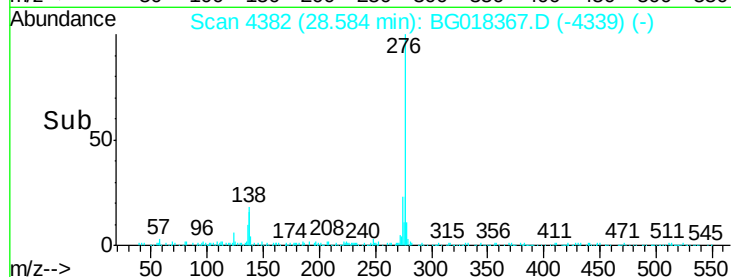
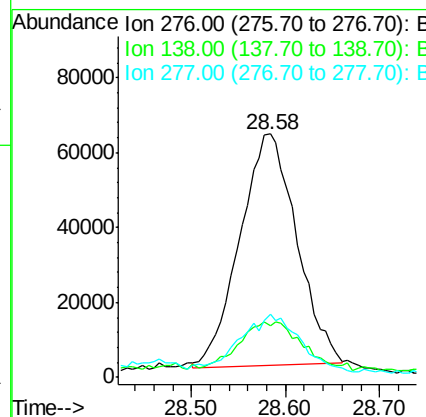
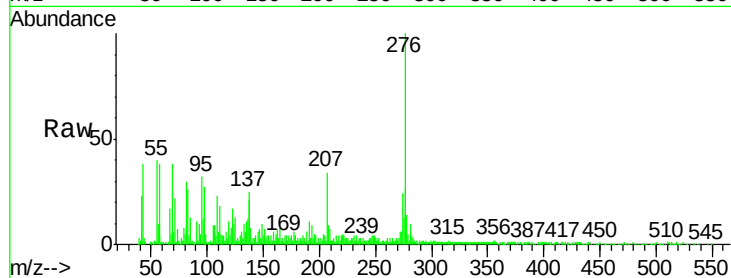
Instrument :

BNA_G

ClientSampleId :

C02K4

Tgt Ion:	276	Resp:	258857
Ion Ratio	Lower	Upper	
276	100		
138	21.2	15.8	23.6
277	25.8	18.9	28.3



#94

Benzo(g,h,i)perylene

Concen: 5.99 ng/ul

RT: 29.73 min Scan# 4577

Delta R.T. 0.05 min

Lab File: BG018367.D

Acq: 10 Aug 2015 23:28

Tgt Ion:	276	Resp:	255703
Ion Ratio	Lower	Upper	
276	100		
138	24.5	16.5	24.7
277	24.8	19.0	28.6

