

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071015\
 Data File : BG017812.D
 Acq On : 10 Jul 2015 15:27
 Operator : TP/UM
 Sample : G2928-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X1Y17

Quant Time: Jul 13 11:34:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 10 23:32:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	63084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	292745	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	181940	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	398734	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	433888	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	405561	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2564	1.64	ng/uL	0.00
5) Phenol-d5	6.77	99	63088	10.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	123007	34.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	141160	28.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	109530	21.72	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	79887	32.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	79889	32.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	136486	31.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	12397	2.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	504783	36.47	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	606746	36.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	28351	9.61	ng/ul	-0.01
57) Fluorene-d10	15.25	176	459188	37.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	72660	30.17	ng/ul	0.00
70) Anthracene-d10	17.10	188	699529	37.51	ng/ul	0.00
78) Pyrene-d10	19.41	212	791699	37.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	734507	36.30	ng/ul	0.00

Target Compounds

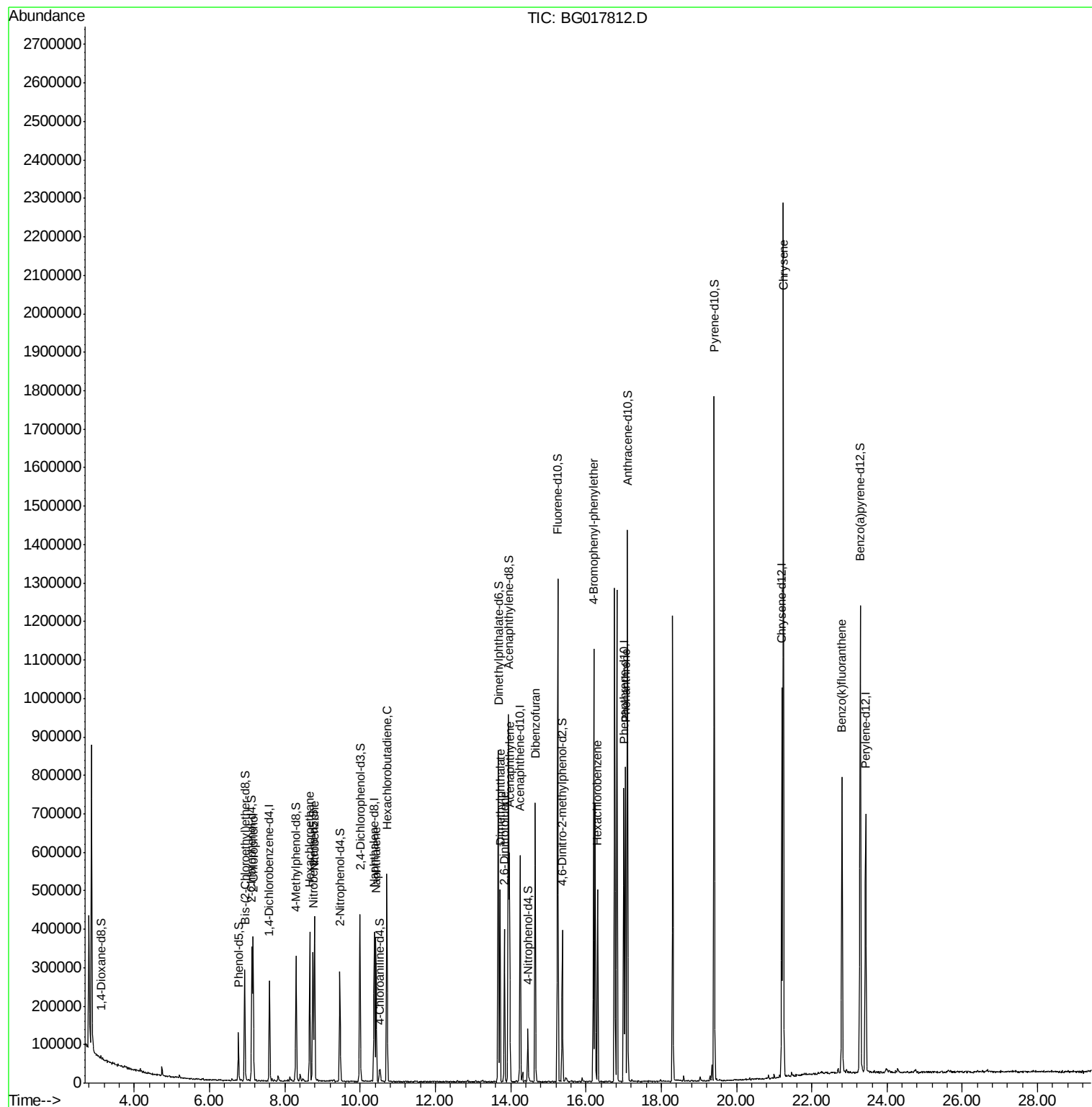
						Qvalue
10) 2-Chlorophenol	7.16	128	149874	31.03	ng/ul	97
17) Hexachloroethane	8.67	117	78587	39.37	ng/ul	92
20) Nitrobenzene	8.79	77	218364	37.18	ng/ul	98
28) Naphthalene	10.43	128	286219	18.65	ng/ul	99
31) Hexachlorobutadiene	10.72	225	98272	42.62	ng/ul	96
44) Dimethylphthalate	13.72	163	281953	19.84	ng/ul	99
45) 2,6-Dinitrotoluene	13.84	165	64520	21.80	ng/ul	94
47) Acenaphthylene	13.97	152	365062	20.08	ng/ul	98
53) Dibenzofuran	14.65	168	403034	24.39	ng/ul	100
65) 4-Bromophenyl-phenylether	16.20	248	156939	39.36	ng/ul	92
66) Hexachlorobenzene	16.31	284	81508	19.05	ng/ul#	85
69) Phenanthrene	17.05	178	442571	19.84	ng/ul	97
84) Chrysene	21.24	228	947553	41.22	ng/ul	95
88) Benzo(k)fluoranthene	22.80	252	462232	20.70	ng/ul	99

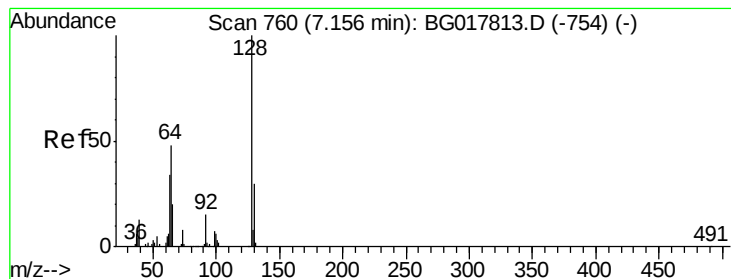
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071015\
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Quant Time: Jul 13 11:34:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 23:32:40 2015
Response via : Initial Calibration





#10

2-Chlorophenol

Concen: 31.03 ng/ul

RT: 7.16 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG017812.D

Acq: 10 Jul 2015 15:27

Instrument :

BNA_G

ClientSampleId :

X1Y17

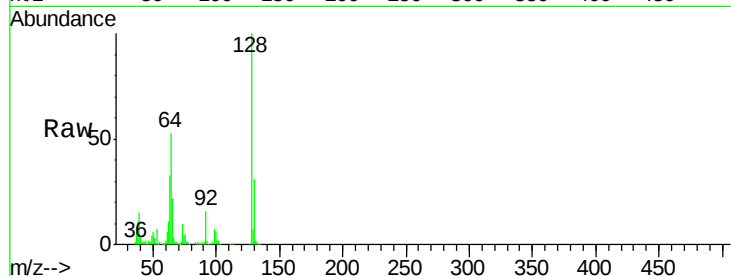
Tgt Ion:128 Resp: 149874

Ion Ratio Lower Upper

128 100

64 52.7 40.9 61.3

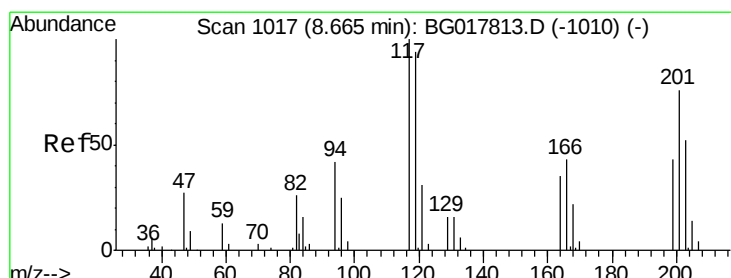
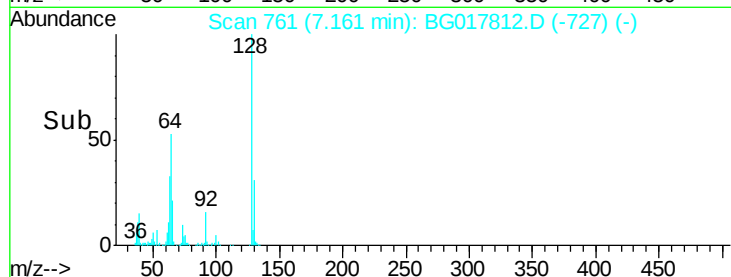
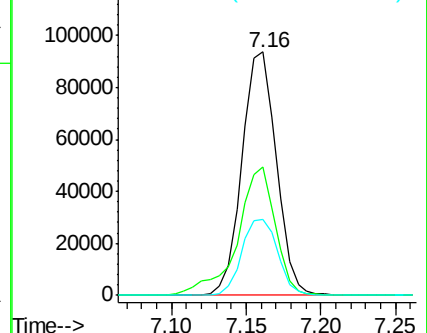
130 31.2 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): B

Ion 130.00 (129.70 to 130.70): E



#17

Hexachloroethane

Concen: 39.37 ng/ul

RT: 8.67 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG017812.D

Acq: 10 Jul 2015 15:27

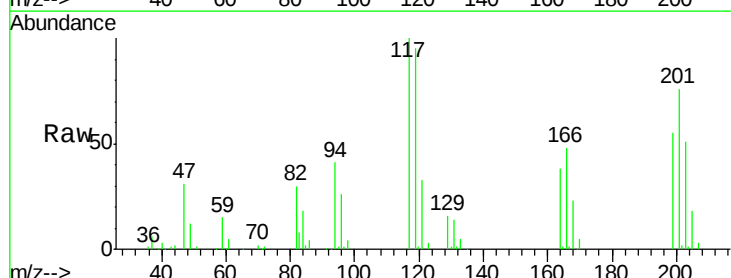
Tgt Ion:117 Resp: 78587

Ion Ratio Lower Upper

117 100

201 76.4 65.9 98.9

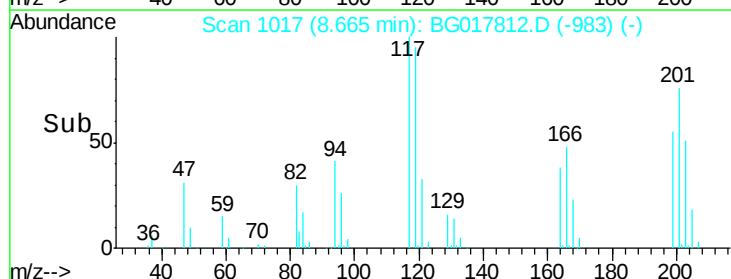
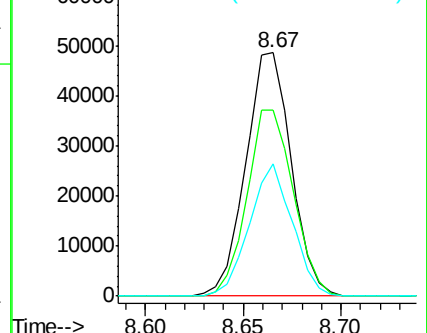
199 54.5 38.6 57.8

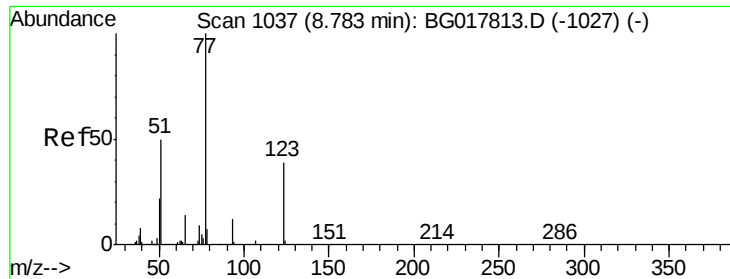


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

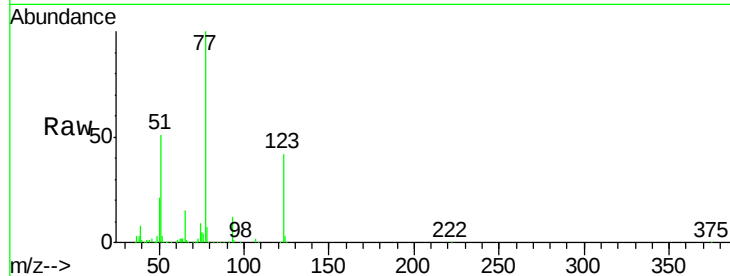




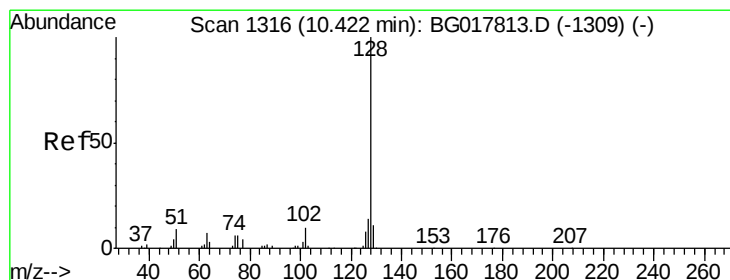
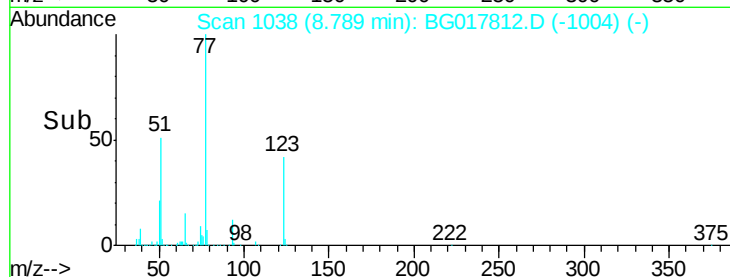
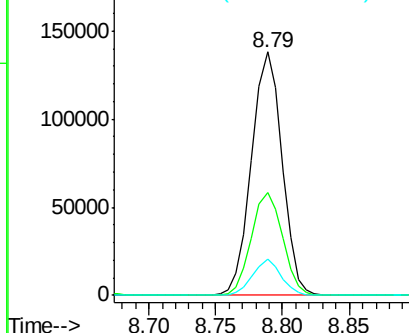
#20
Nitrobenzene
Concen: 37.18 ng/ul
RT: 8.79 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	34.2	51.4
65	14.9	10.2	15.2

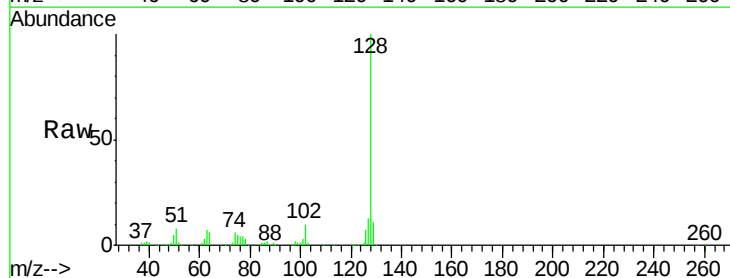


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

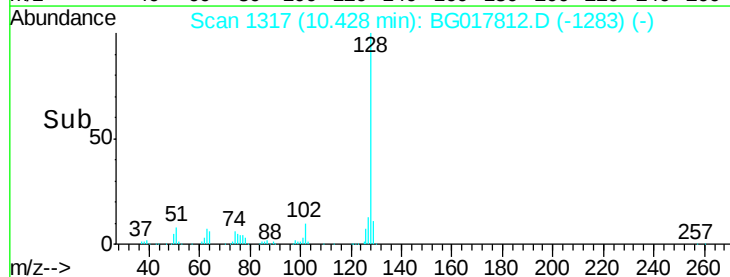
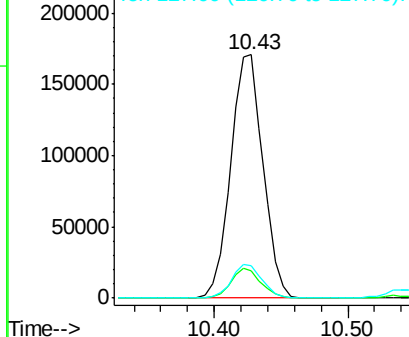


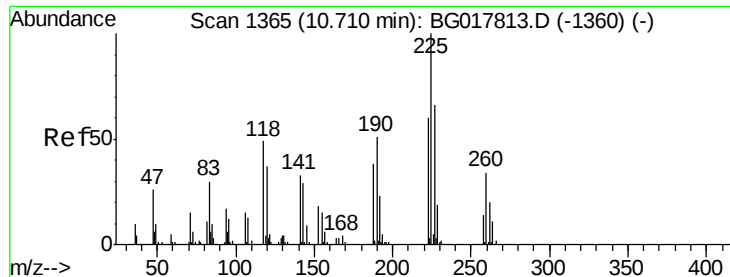
#28
Naphthalene
Concen: 18.65 ng/ul
RT: 10.43 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.1	10.8	16.2



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

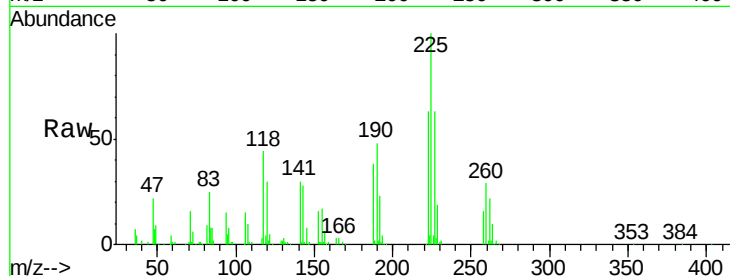




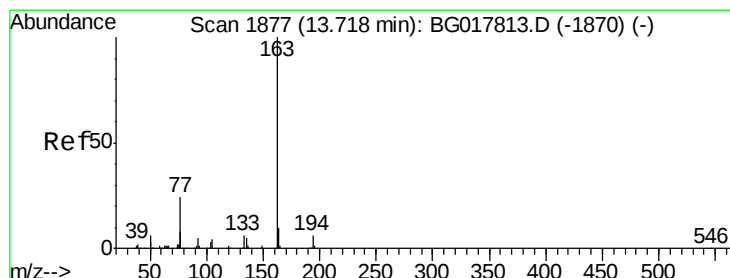
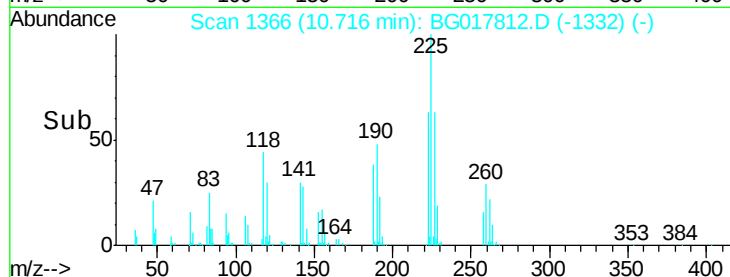
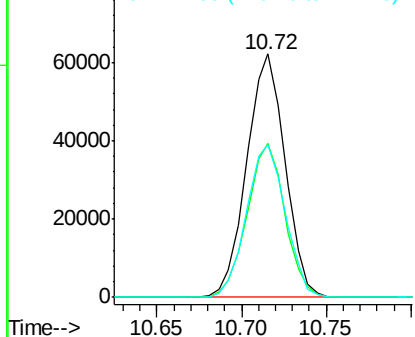
#31
Hexachlorobutadiene
Concen: 42.62 ng/ul
RT: 10.72 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion: 225 Resp: 98272
Ion Ratio Lower Upper
225 100
223 63.3 47.9 71.9
227 62.9 48.6 72.8

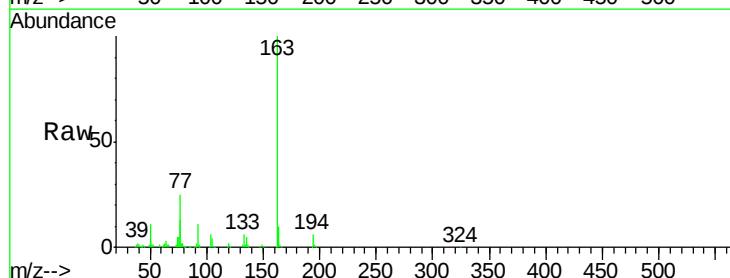


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

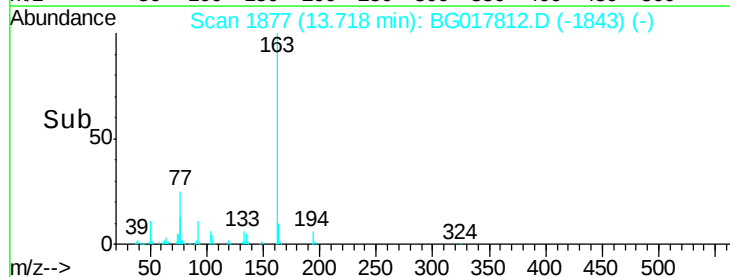
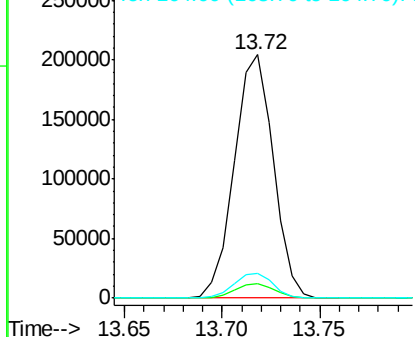


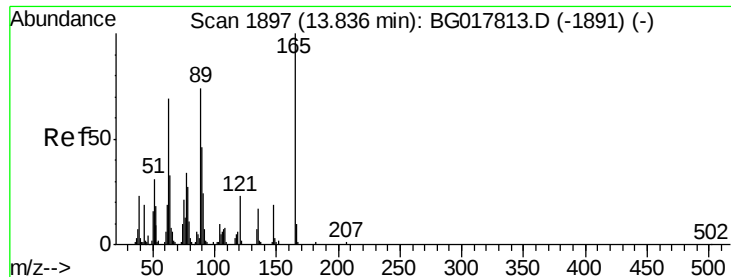
#44
Dimethylphthalate
Concen: 19.84 ng/ul
RT: 13.72 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion: 163 Resp: 281953
Ion Ratio Lower Upper
163 100
194 6.1 5.3 7.9
164 10.3 8.0 12.0



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

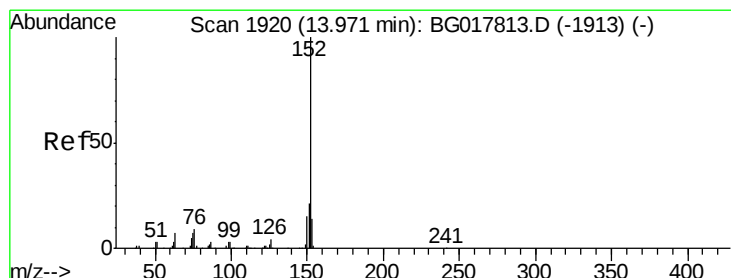
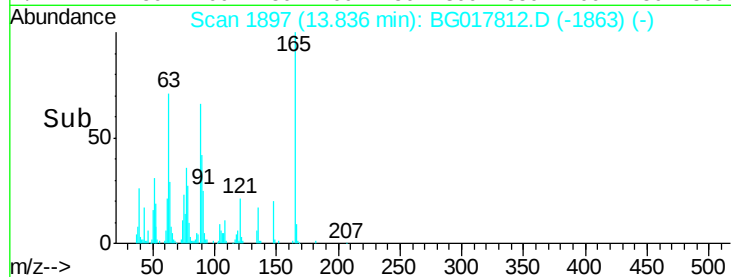
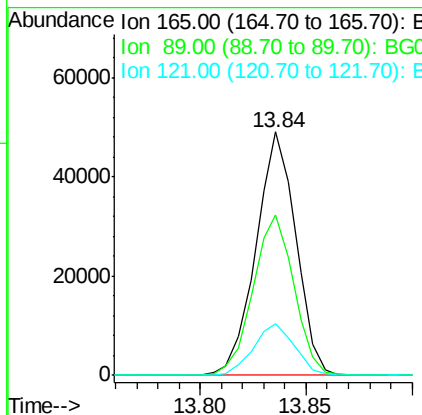
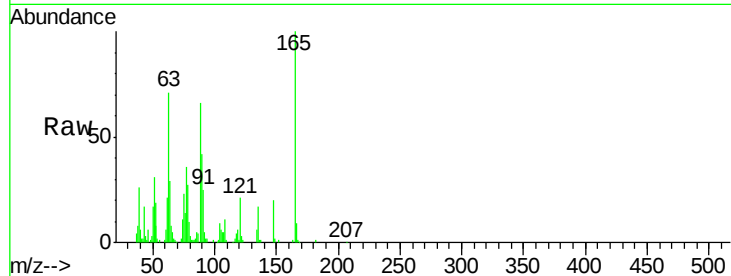




#45
 2,6-Dinitrotoluene
 Concen: 21.80 ng/ul
 RT: 13.84 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG017812.D
 Acq: 10 Jul 2015 15:27

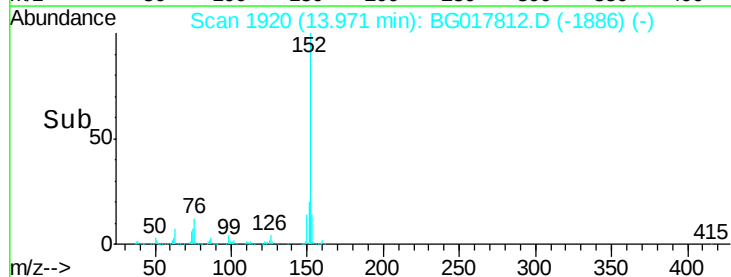
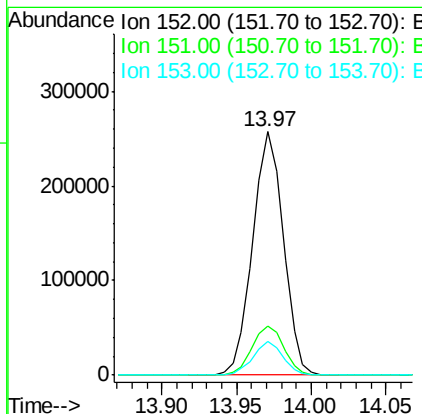
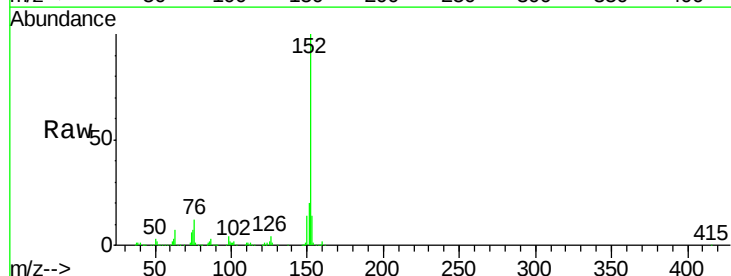
Instrument :
 BNA_G
 ClientSampleId :
 X1Y17

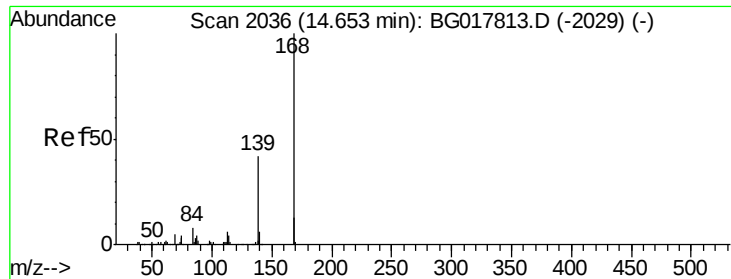
Tgt Ion	Ratio	Lower	Upper
165	100		
89	65.8	47.8	71.8
121	21.2	17.2	25.8



#47
 Acenaphthylene
 Concen: 20.08 ng/ul
 RT: 13.97 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BG017812.D
 Acq: 10 Jul 2015 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.3	25.9
153	13.9	11.2	16.8





#53

Dibenzofuran

Concen: 24.39 ng/ul

RT: 14.65 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG017812.D

Acq: 10 Jul 2015 15:27

Instrument :

BNA_G

ClientSampleId :

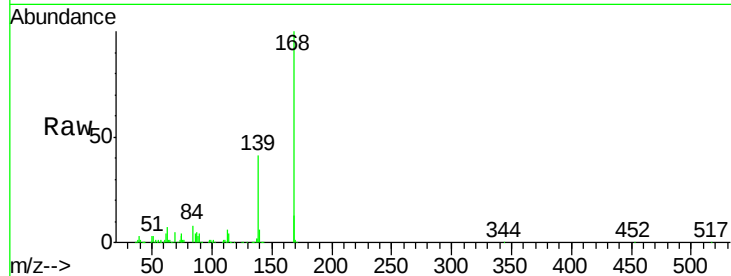
X1Y17

Tgt Ion:168 Resp: 403034

Ion Ratio Lower Upper

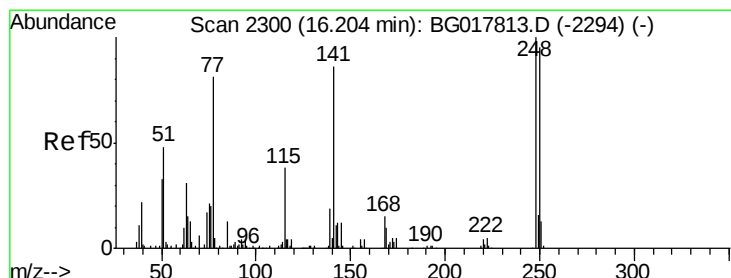
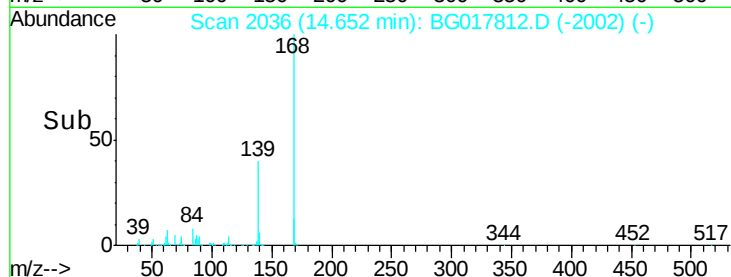
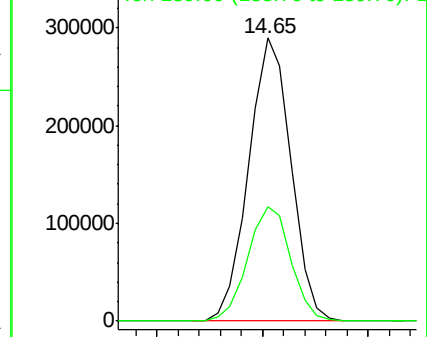
168 100

139 40.5 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#65

4-Bromophenyl-phenylether

Concen: 39.36 ng/ul

RT: 16.20 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG017812.D

Acq: 10 Jul 2015 15:27

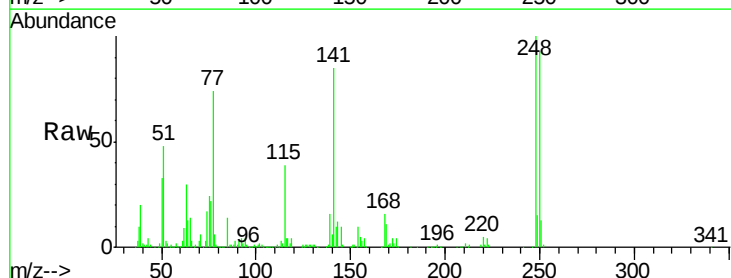
Tgt Ion:248 Resp: 156939

Ion Ratio Lower Upper

248 100

250 92.7 81.0 121.4

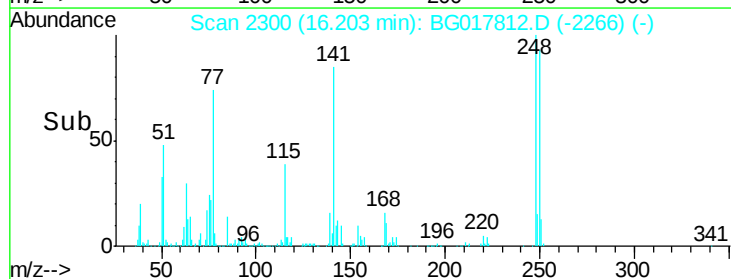
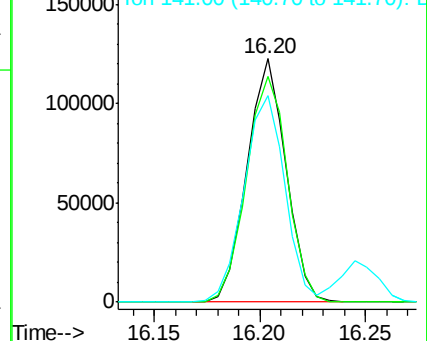
141 84.8 73.6 110.4

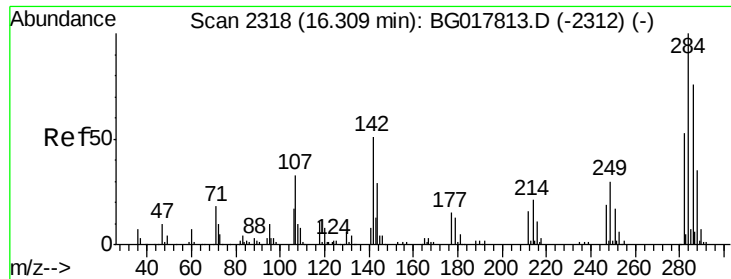


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

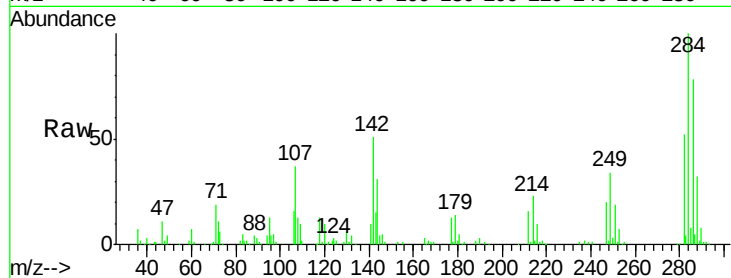




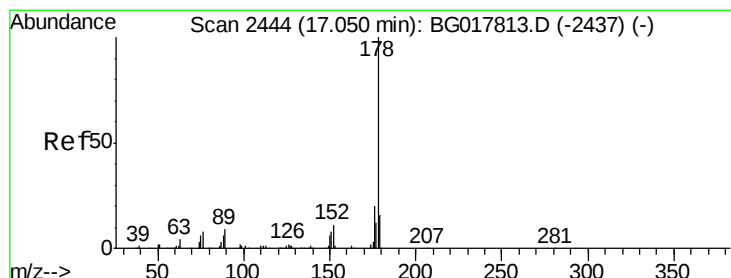
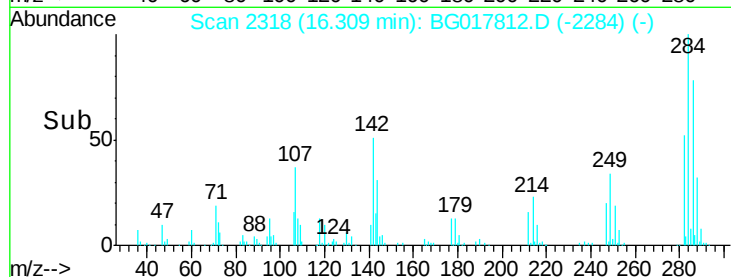
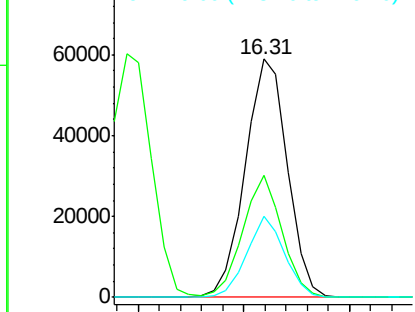
#66
Hexachlorobenzene
Concen: 19.05 ng/ul
RT: 16.31 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Instrument :
BNA_G
ClientSampleId :
X1Y17

Tgt Ion:284 Resp: 81508
Ion Ratio Lower Upper
284 100
142 51.3 31.8 47.6#
249 34.2 23.0 34.6

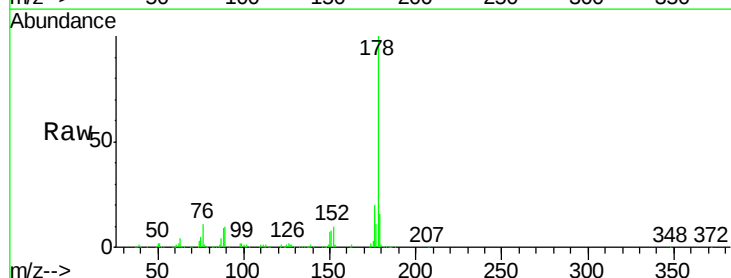


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

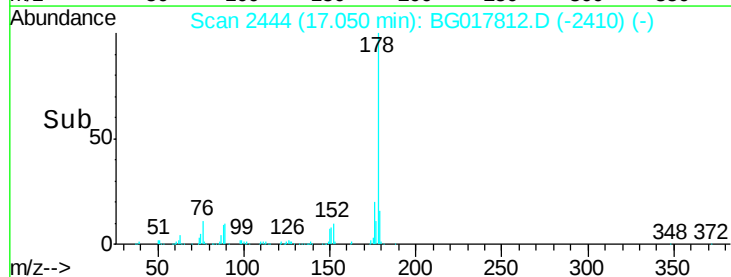
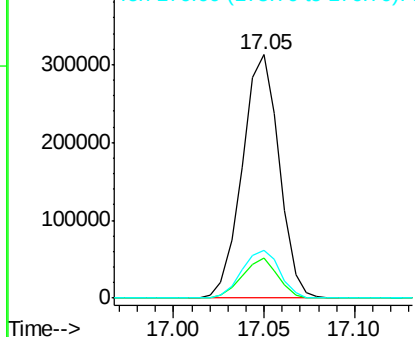


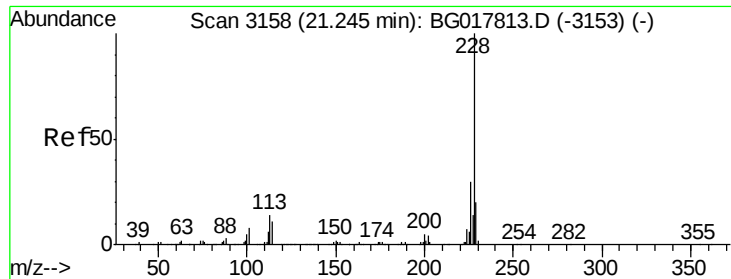
#69
Phenanthrene
Concen: 19.84 ng/ul
RT: 17.05 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG017812.D
Acq: 10 Jul 2015 15:27

Tgt Ion:178 Resp: 442571
Ion Ratio Lower Upper
178 100
179 16.2 11.3 16.9
176 19.7 15.5 23.3



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





#84

Chrysene

Concen: 41.22 ng/ul

RT: 21.24 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG017812.D

Acq: 10 Jul 2015 15:27

Instrument :

BNA_G

ClientSampleId :

X1Y17

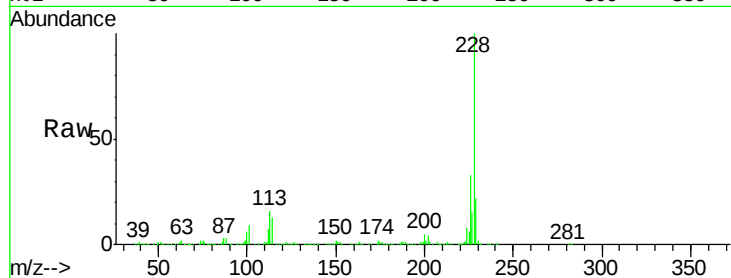
Tgt Ion:228 Resp: 947553

Ion Ratio Lower Upper

228 100

226 32.6 23.4 35.2

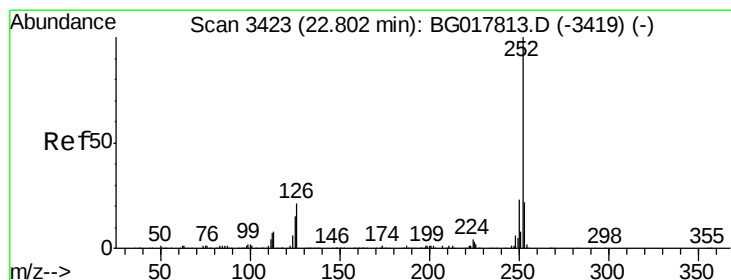
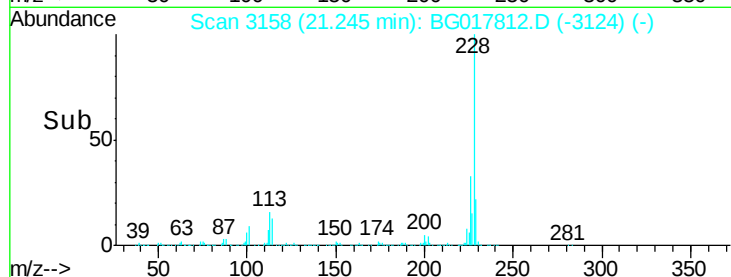
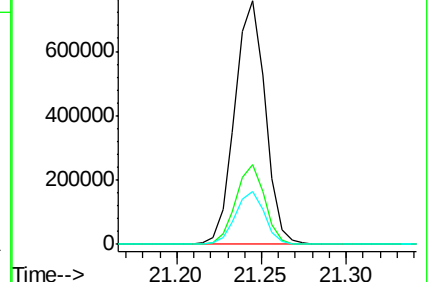
229 22.0 16.5 24.7



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(k)fluoranthene

Concen: 20.70 ng/ul

RT: 22.80 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BG017812.D

Acq: 10 Jul 2015 15:27

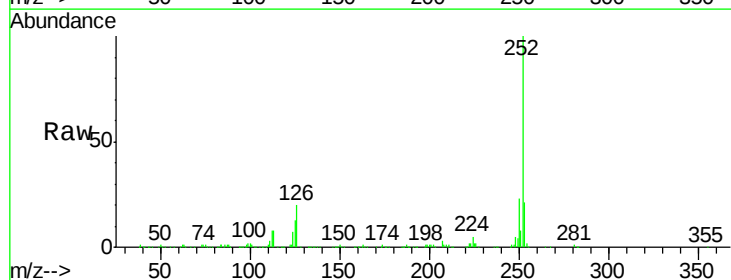
Tgt Ion:252 Resp: 462232

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.6

125 13.3 10.7 16.1



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

