

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018630.D
 Acq On : 11 Sep 2015 8:33
 Operator : UM/IZ
 Sample : G3612-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-22

Quant Time: Sep 11 09:11:36 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 01:56:11 2015
 Response via : Initial Calibration

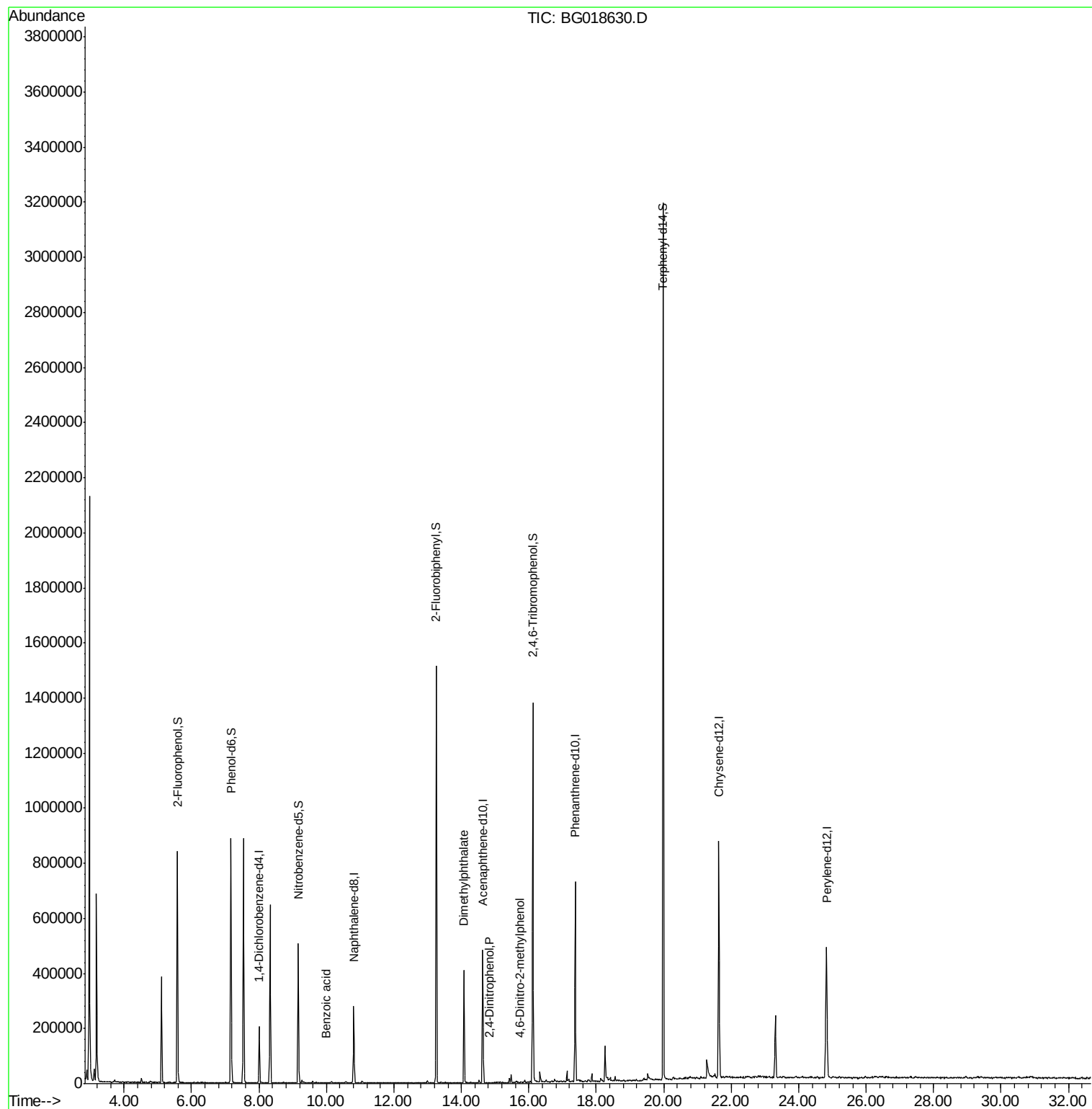
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60693	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	240802	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	165795	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	457324	20.00	ng	0.00
75) Chrysene-d12	21.63	240	499811	20.00	ng	0.00
86) Perylene-d12	24.82	264	492976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	406339	115.65	ng	0.00
7) Phenol-d6	7.17	99	577810	114.70	ng	0.00
23) Nitrobenzene-d5	9.16	82	323819	75.25	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	262290	117.49	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	815390	68.27	ng	0.00
78) Terphenyl-d14	19.98	244	1352248	71.05	ng	0.00
Target Compounds						
32) Benzoic acid	9.99	122	63	7.95	ng	# 1
49) Dimethylphthalate	14.08	163	274896	20.02	ng	97
53) 2,4-Dinitrophenol	14.82	184	82	7.69	ng	# 24
64) 4,6-Dinitro-2-methylphenol	15.75	198	57	5.42	ng	# 37

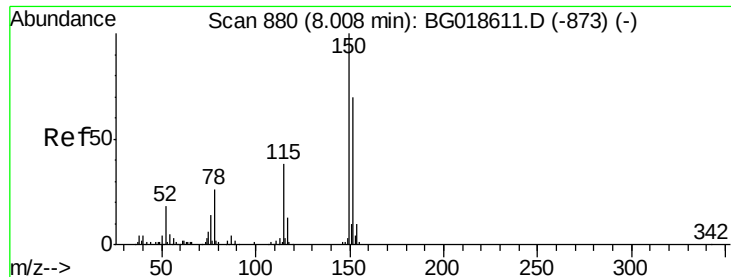
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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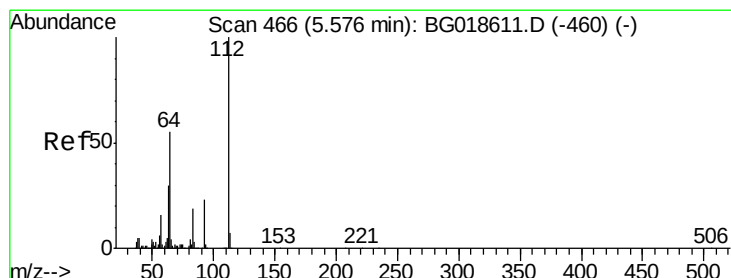
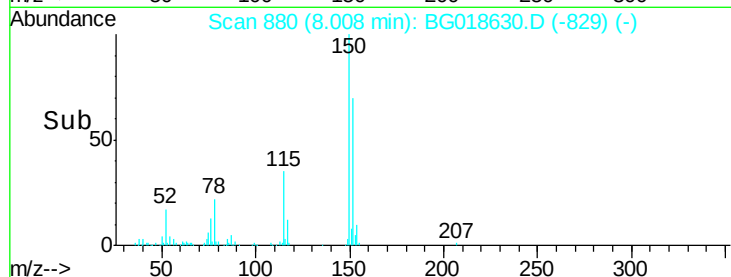
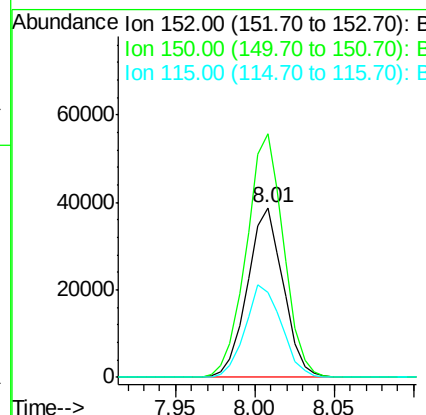
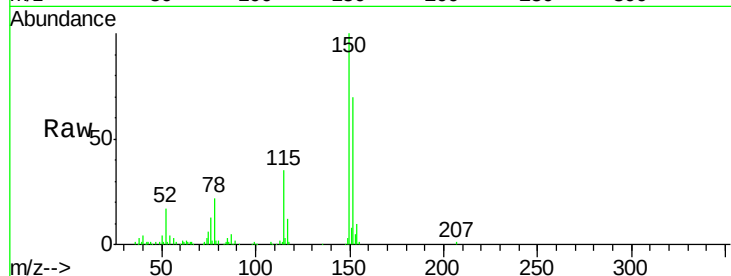


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG018630.D
Acq: 11 Sep 2015 8:33

Instrument :
BNA_G
ClientSampleId :
B-22

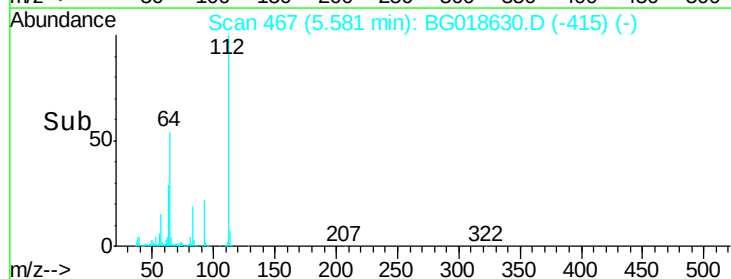
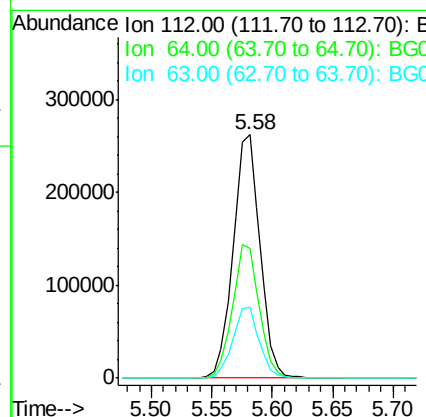
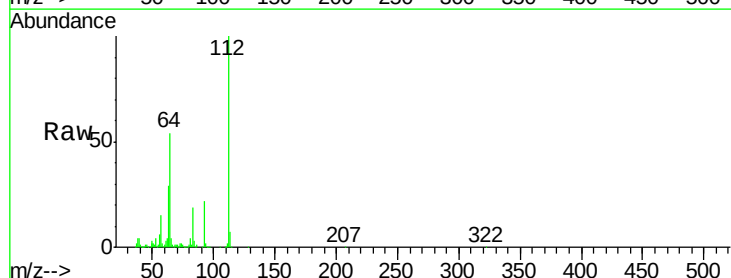
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.3	115.0	172.4
115	50.1	43.9	65.9

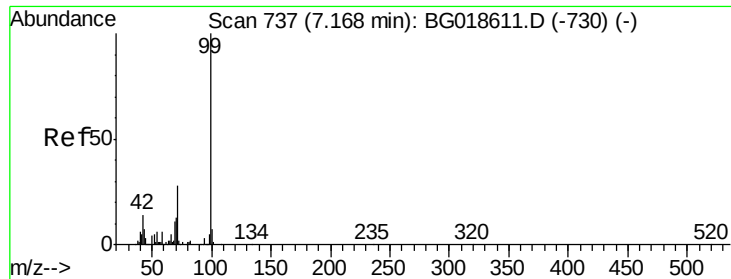


#5

2-Fluorophenol
Concen: 115.65 ng
RT: 5.58 min Scan# 467
Delta R.T. 0.01 min
Lab File: BG018630.D
Acq: 11 Sep 2015 8:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	43.7	65.5
63	29.2	24.0	36.0





#7

Phenol-d6

Concen: 114.70 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG018630.D

Acq: 11 Sep 2015 8:33

Instrument :

BNA_G

ClientSampleId :

B-22

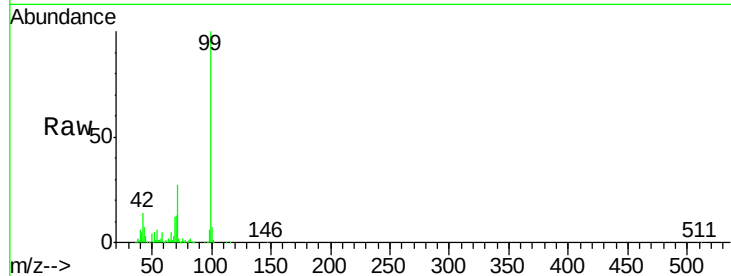
Tot Ion: 99 Resp: 577810

Ion Ratio Lower Upper

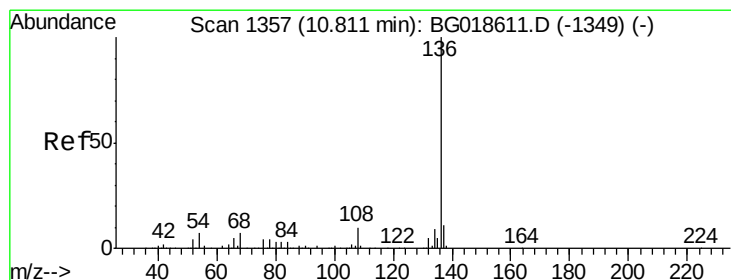
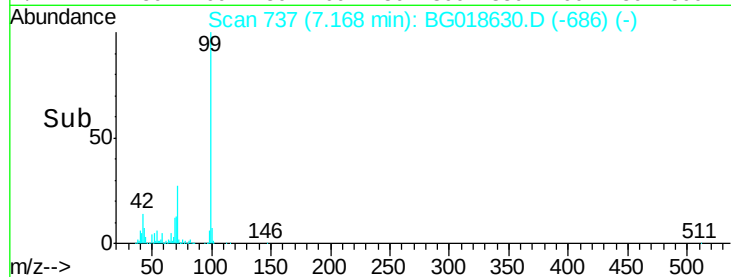
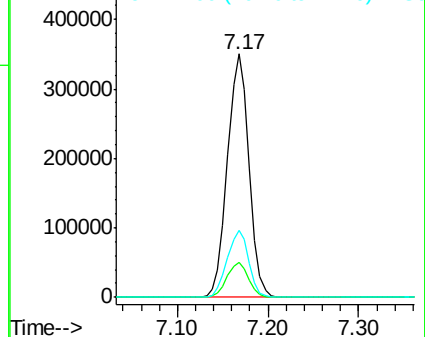
99 100

42 14.5 11.5 17.3

71 27.4 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018630.D

Acq: 11 Sep 2015 8:33

Tgt Ion: 136 Resp: 240802

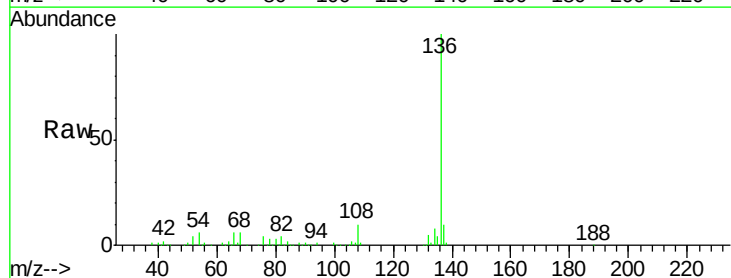
Ion Ratio Lower Upper

136 100

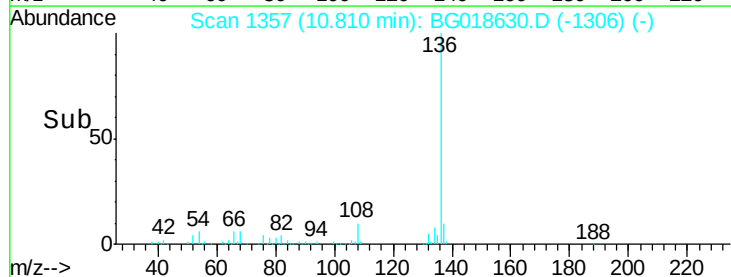
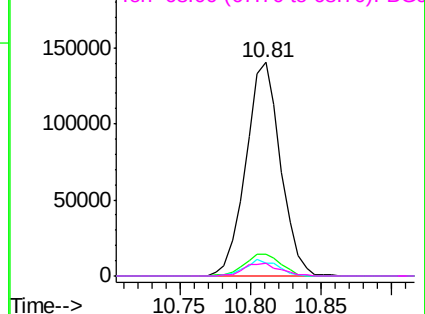
137 10.4 8.6 12.8

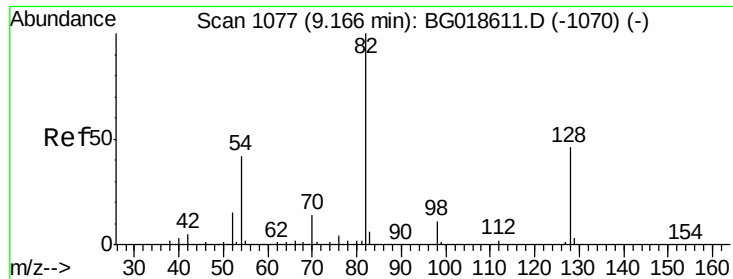
54 6.0 5.4 8.2

68 6.2 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

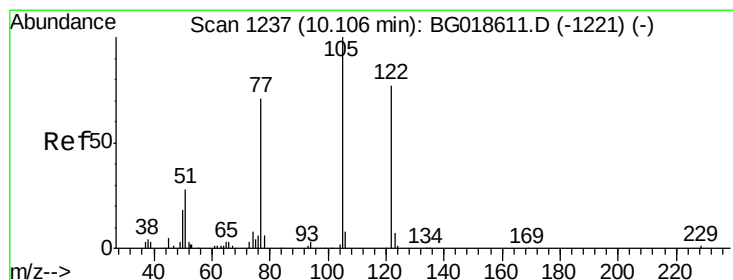
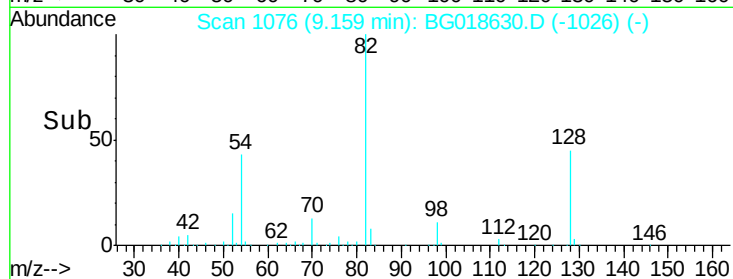
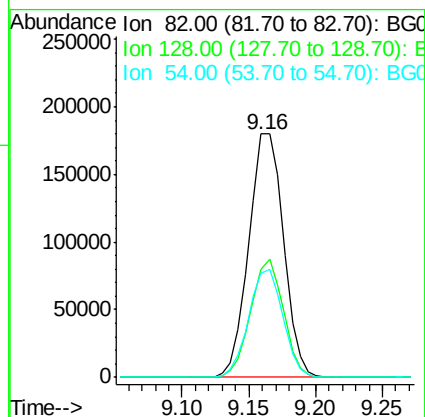
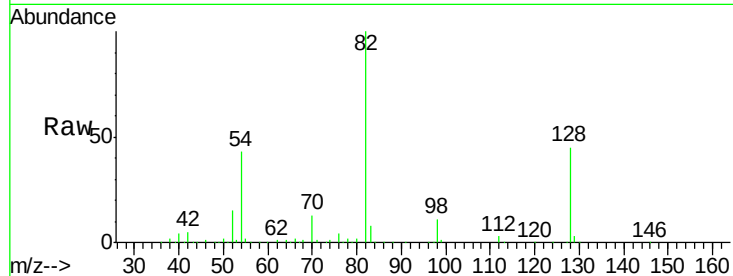




#23
 Nitrobenzene-d5
 Concen: 75.25 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG018630.D
 Acq: 11 Sep 2015 8:33

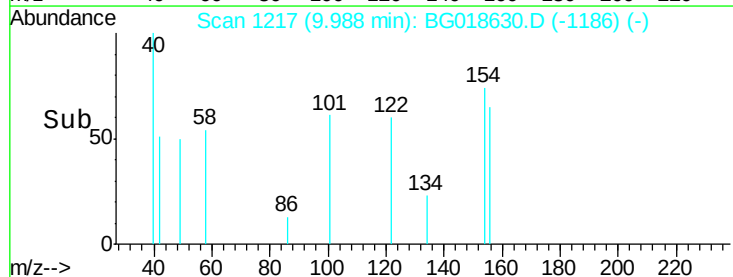
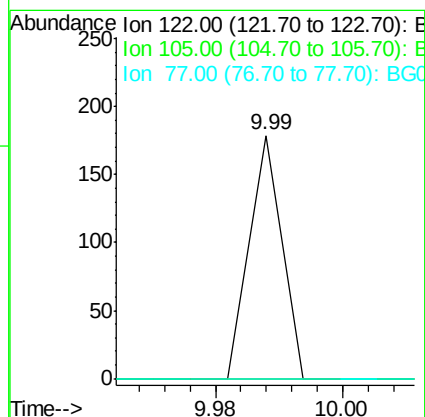
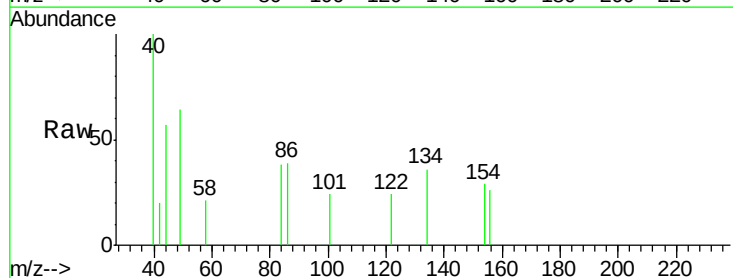
Instrument :
 BNA_G
 ClientSampleId :
 B-22

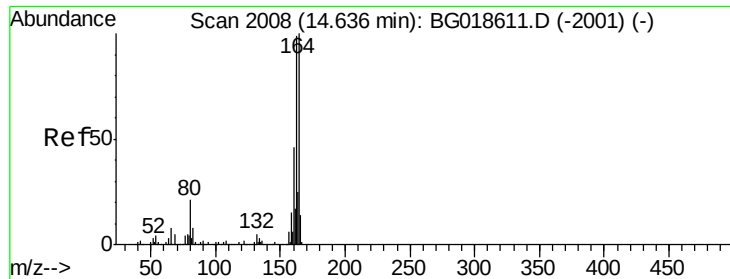
Tot Ion	82	Resp	323819
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.7	55.1
54	43.0	33.8	50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 9.99 min Scan# 1217
 Delta R.T. -0.12 min
 Lab File: BG018630.D
 Acq: 11 Sep 2015 8:33

Tgt Ion	122	Resp	63
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG018630.D

Acq: 11 Sep 2015 8:33

Instrument :

BNA_G

ClientSampled :

B-22

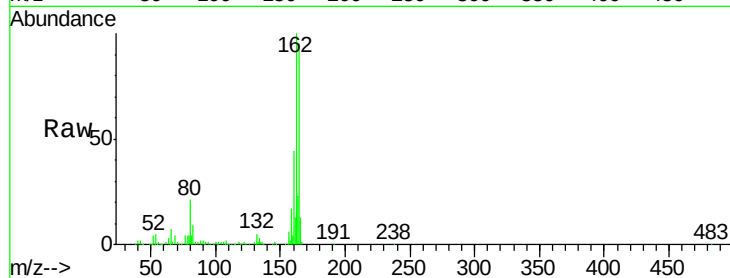
Tot Ion:164 Resp: 165795

Ion Ratio Lower Upper

164 100

162 105.1 78.8 118.2

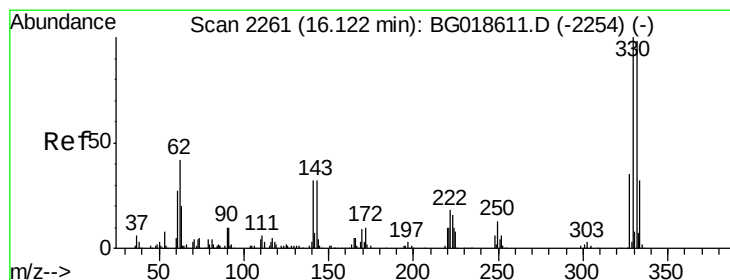
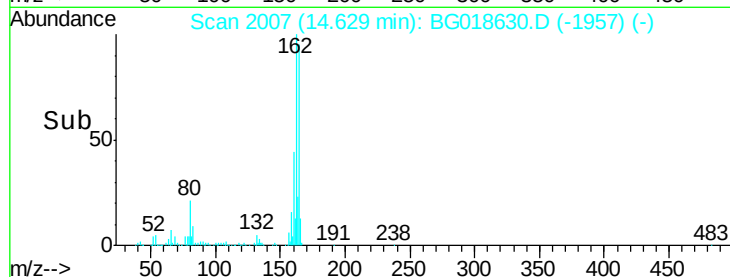
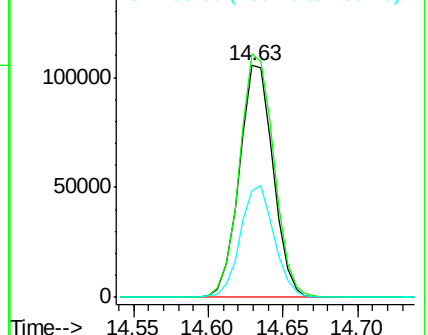
160 46.1 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 117.49 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG018630.D

Acq: 11 Sep 2015 8:33

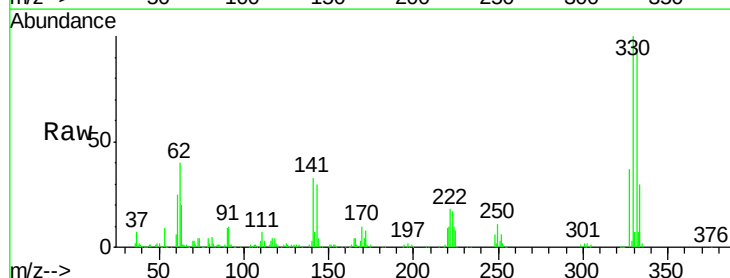
Tgt Ion:330 Resp: 262290

Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

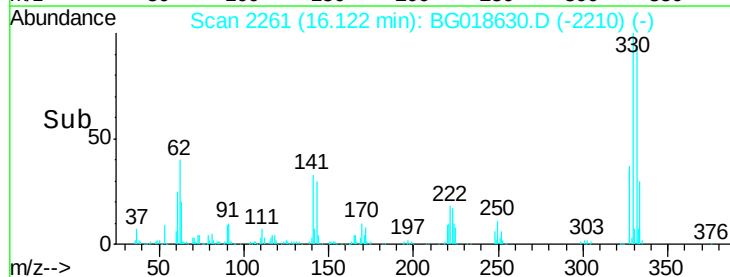
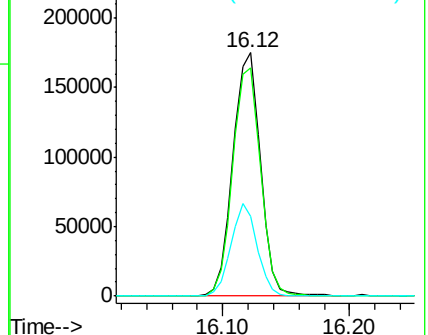
141 36.3 28.2 42.2

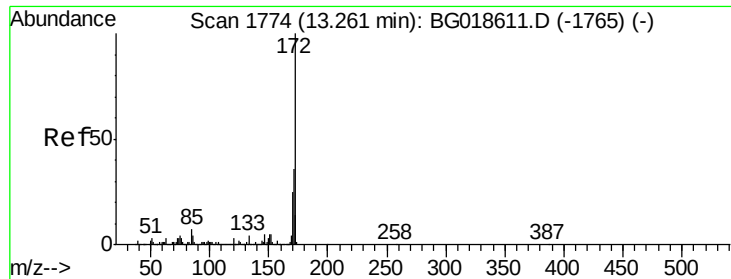


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

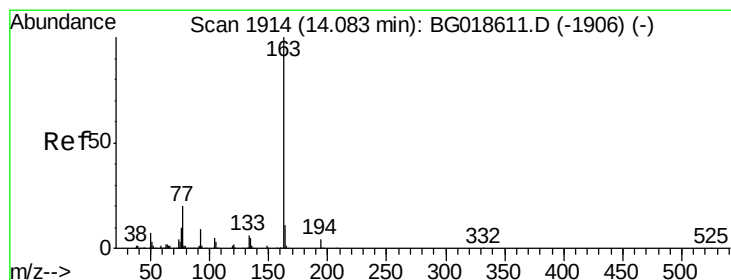
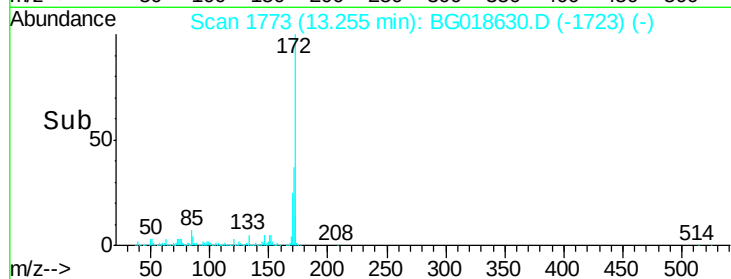
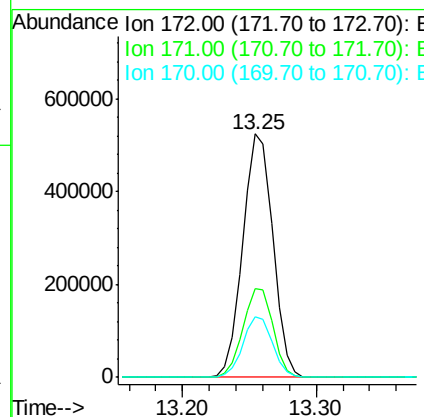
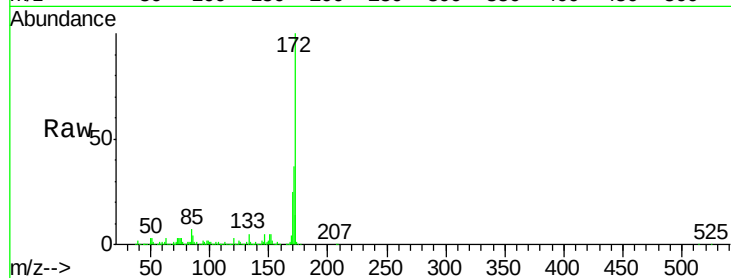




#44
2-Fluorobiphenyl
Concen: 68.27 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG018630.D
Acq: 11 Sep 2015 8:33

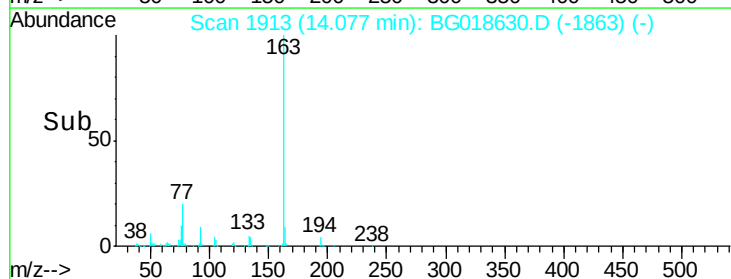
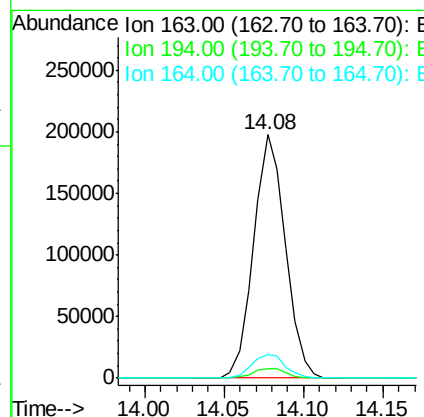
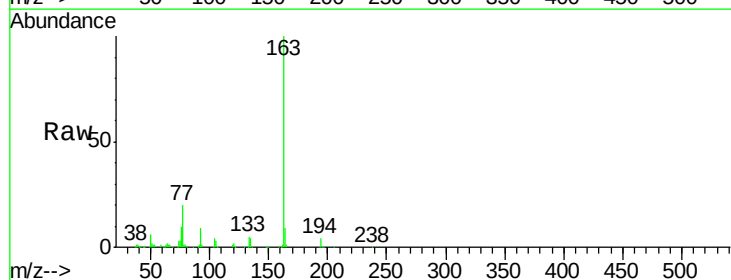
Instrument :
BNA_G
ClientSampleId :
B-22

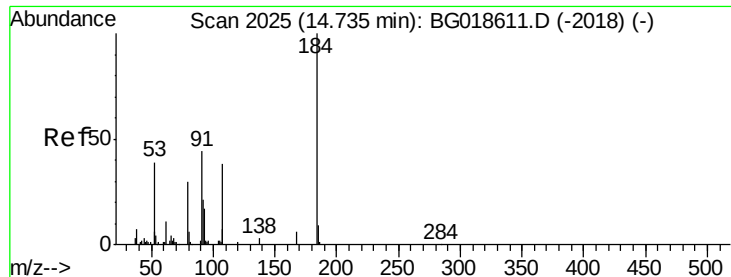
Tot Ion:172 Resp: 815390
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 24.8 19.9 29.9



#49
Dimethylphthalate
Concen: 20.02 ng
RT: 14.08 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BG018630.D
Acq: 11 Sep 2015 8:33

Tgt Ion:163 Resp: 274896
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 8.8 13.2

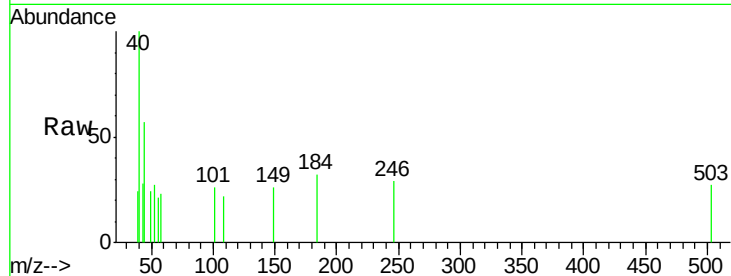




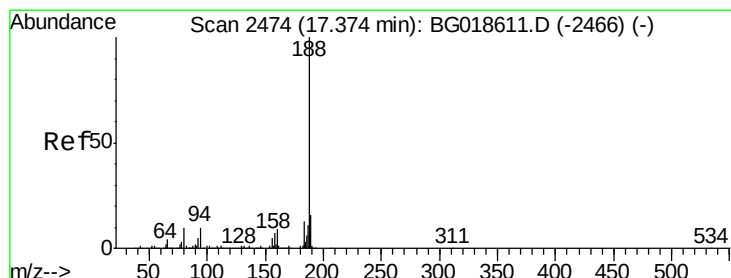
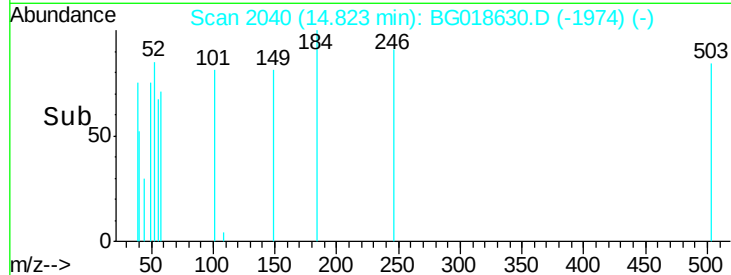
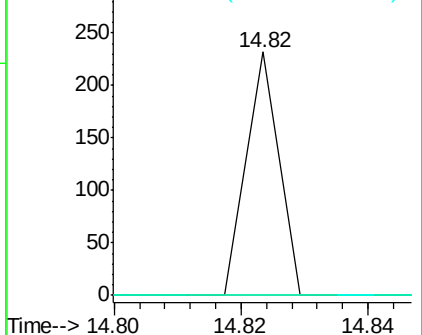
#53
 2,4-Dinitrophenol
 Concen: 7.69 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. 0.09 min
 Lab File: BG018630.D
 Acq: 11 Sep 2015 8:33

Instrument :
 BNA_G
 ClientSampleId :
 B-22

Tot Ion:184 Resp: 82
 Ion Ratio Lower Upper
 184 100
 63 0.0 42.7 64.1#
 154 0.0 44.3 66.5#

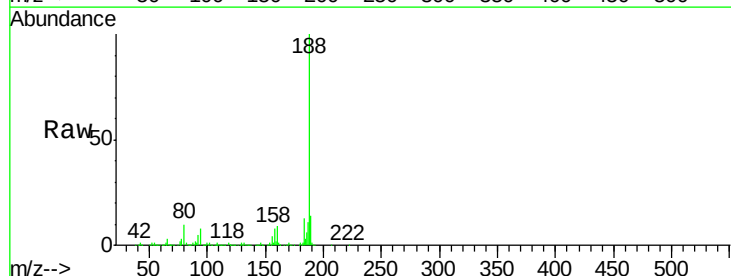


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

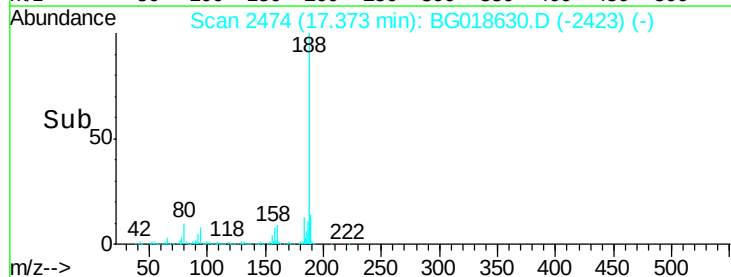
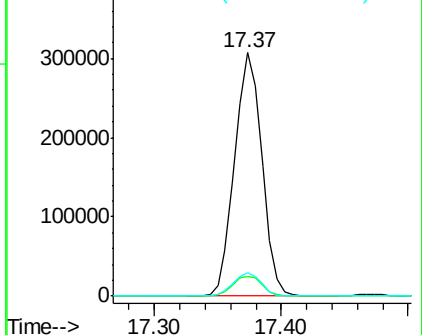


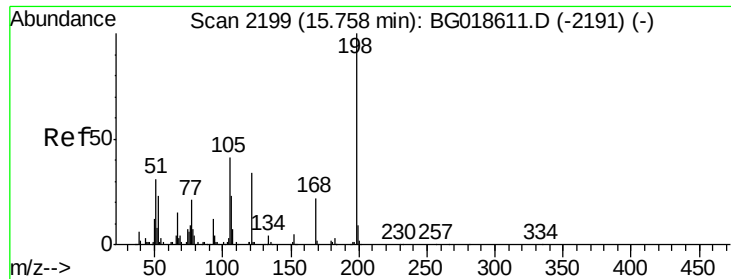
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG018630.D
 Acq: 11 Sep 2015 8:33

Tgt Ion:188 Resp: 457324
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.7 11.5
 80 9.8 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

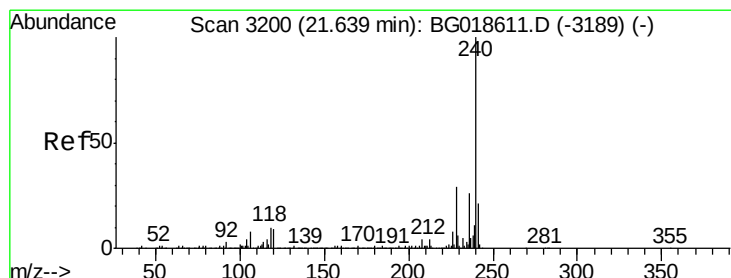
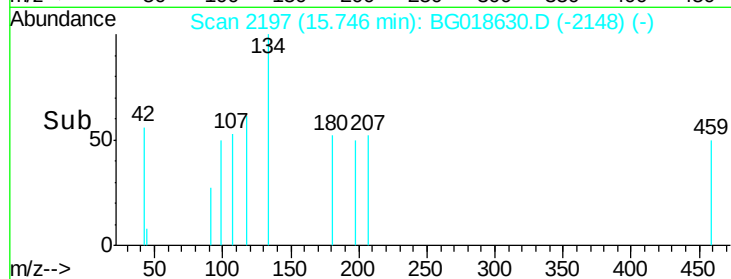
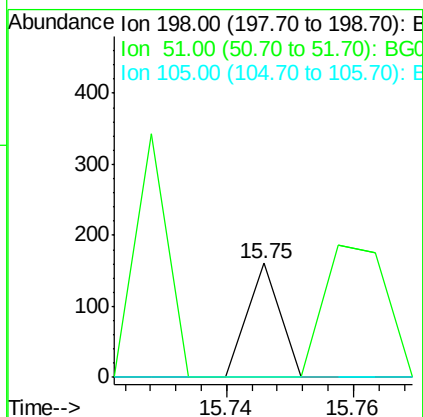
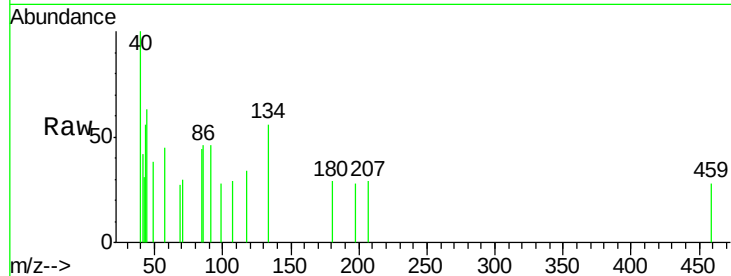




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.42 ng
 RT: 15.75 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BG018630.D
 Acq: 11 Sep 2015 8:33

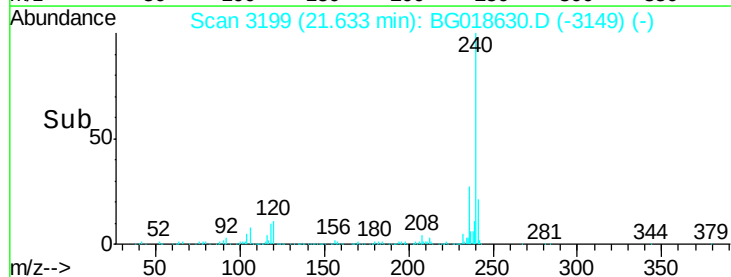
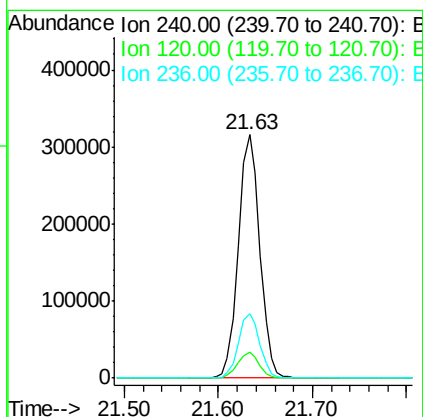
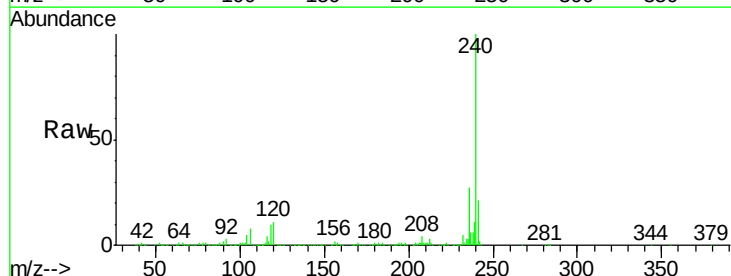
Instrument :
 BNA_G
 ClientSampleId :
 B-22

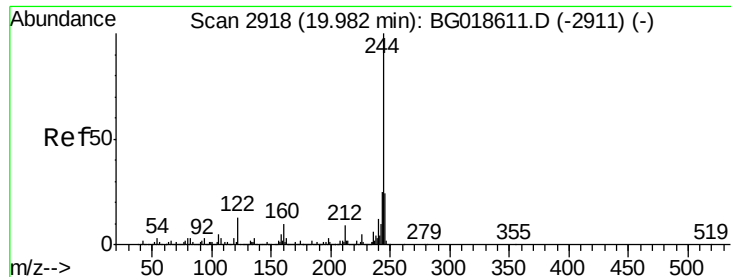
Tot Ion	Ratio	Lower	Upper
198	100		
51	0.0	14.2	54.2#
105	0.0	21.1	61.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.01 min
 Lab File: BG018630.D
 Acq: 11 Sep 2015 8:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.4	11.0
236	26.5	20.7	31.1





#78

Terphenyl-d14

Concen: 71.05 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG018630.D

Acq: 11 Sep 2015 8:33

Instrument :

BNA_G

ClientSampled :

B-22

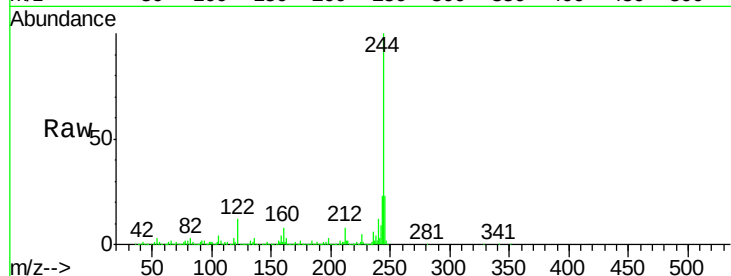
Tot Ion:244 Resp: 1352248

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

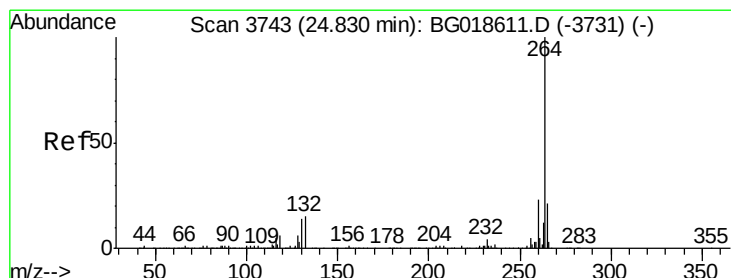
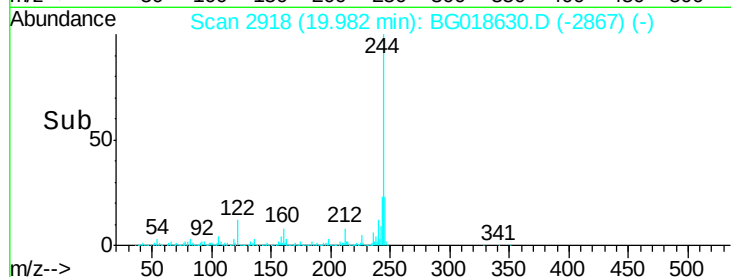
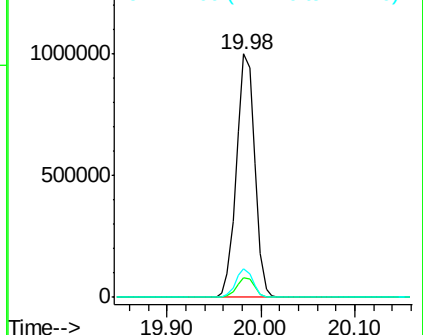
122 11.9 10.2 15.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.82 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG018630.D

Acq: 11 Sep 2015 8:33

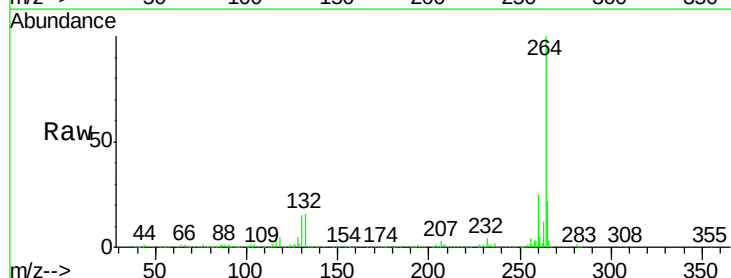
Tgt Ion:264 Resp: 492976

Ion Ratio Lower Upper

264 100

260 25.2 18.5 27.7

265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

