

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051115\
 Data File : BG017052.D
 Acq On : 11 May 2015 14:32
 Operator : TP/IZ
 Sample : G2171-04DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615DL

Quant Time: May 12 04:34:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 04:00:00 2015
 Response via : Initial Calibration

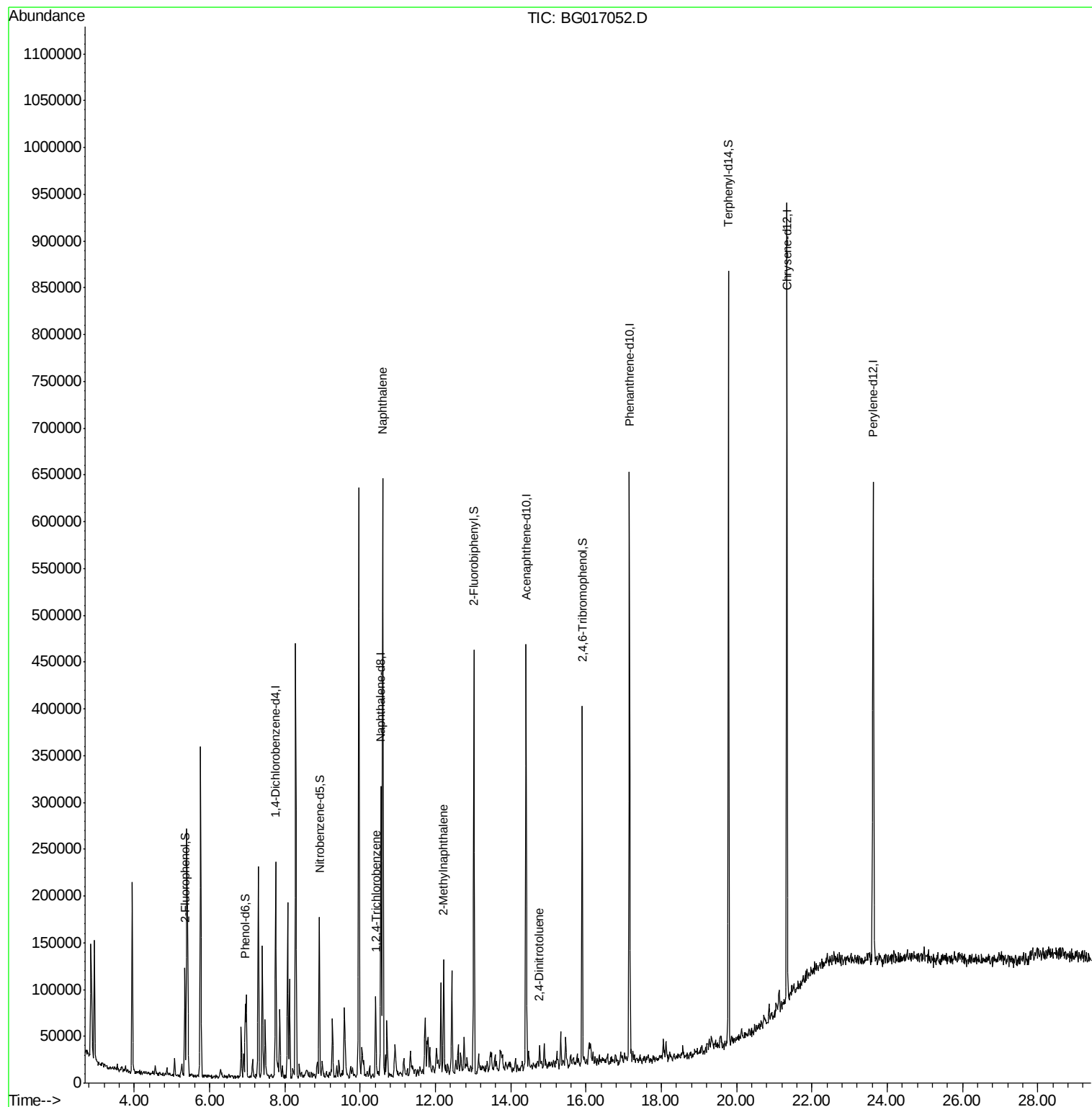
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	53075	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	227140	20.00	ng	0.00
38) Acenaphthene-d10	14.40	164	144865	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	337905	20.00	ng	0.00
75) Chrysene-d12	21.34	240	376717	20.00	ng	0.00
86) Perylene-d12	23.63	264	357333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	41569	13.64	ng	0.00
7) Phenol-d6	6.95	99	34414	7.90	ng	0.00
23) Nitrobenzene-d5	8.92	82	88076	18.94	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	53434	36.74	ng	0.00
44) 2-Fluorobiphenyl	13.02	172	194029	20.21	ng	0.00
78) Terphenyl-d14	19.78	244	328273	20.43	ng	0.00
Target Compounds						
30) 1,2,4-Trichlorobenzene	10.41	180	24843	7.17	ng	Qvalue 89
31) Naphthalene	10.60	128	460417	40.75	ng	99
37) 2-Methylnaphthalene	12.22	142	49331	5.73	ng	92
56) 2,4-Dinitrotoluene	14.77	165	5828	2.03	ng	# 87

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

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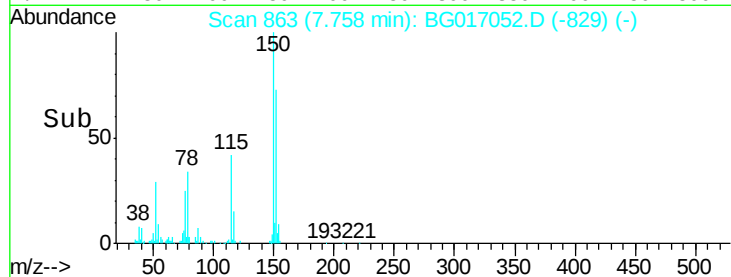
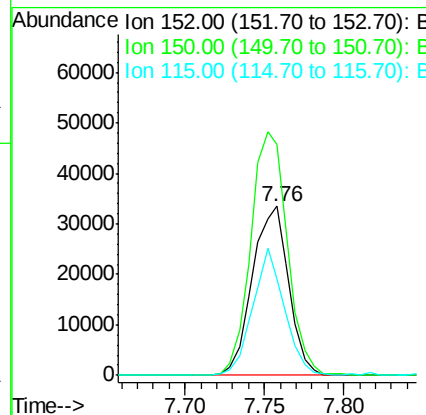
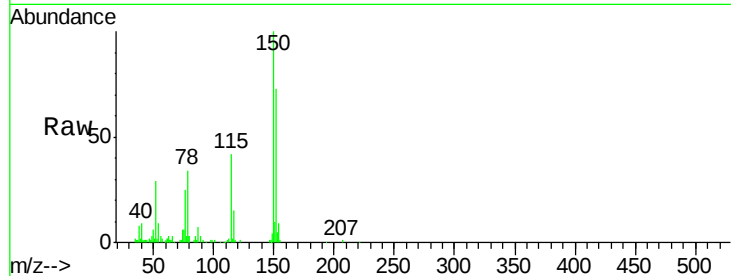


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Instrument :
BNA_G
ClientSampleId :
DCW-WW-134-5615DL

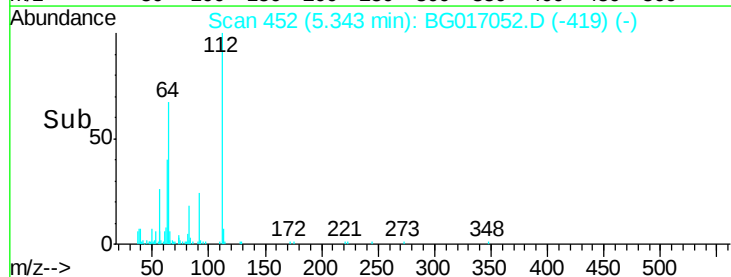
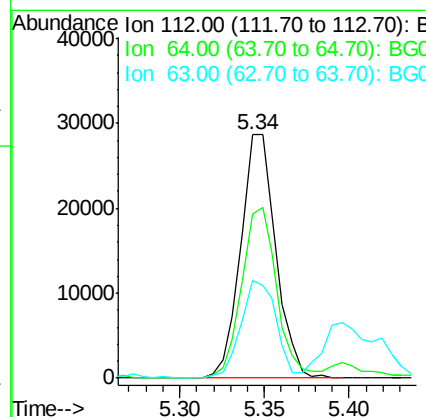
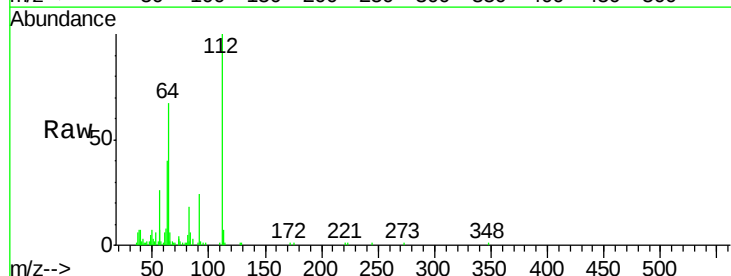
Tot Ion:152 Resp: 53075
Ion Ratio Lower Upper
152 100
150 136.3 121.0 181.4
115 56.8 50.5 75.7

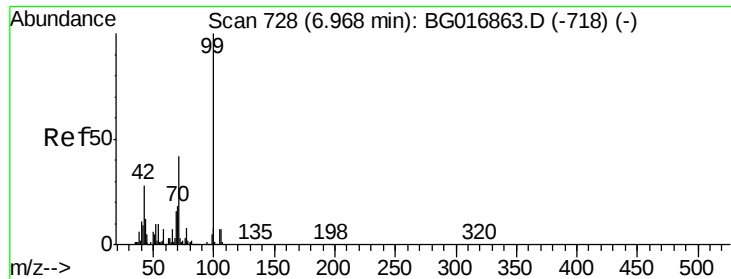


#5

2-Fluorophenol
Concen: 13.64 ng
RT: 5.34 min Scan# 452
Delta R.T. -0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Tgt Ion:112 Resp: 41569
Ion Ratio Lower Upper
112 100
64 67.3 51.4 77.2
63 40.1 28.1 42.1





#7

Phenol-d6

Concen: 7.90 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

Instrument :

BNA_G

ClientSampleId :

DCW-WW-134-5615DL

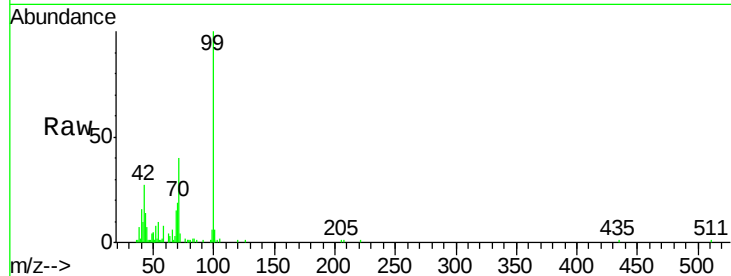
Tot Ion: 99 Resp: 34414

Ion Ratio Lower Upper

99 100

42 26.7 22.1 33.1

71 40.3 33.4 50.0

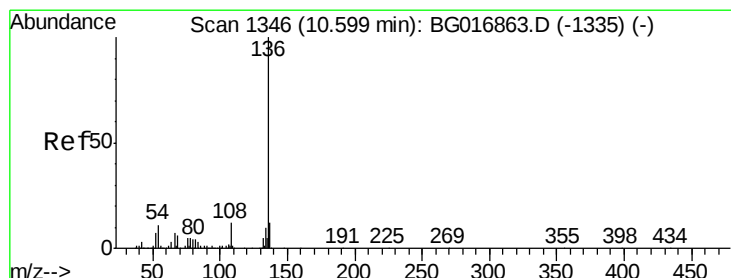
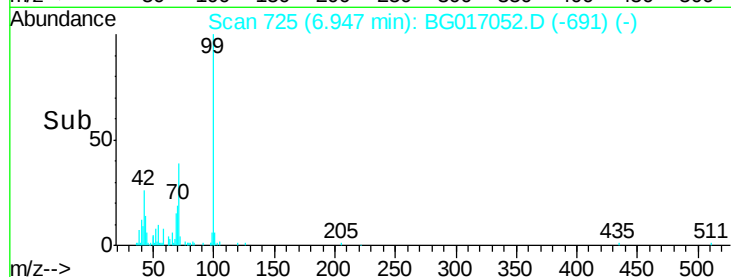
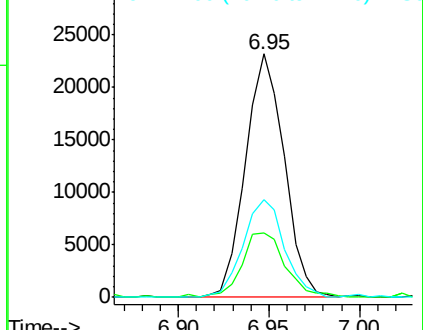


Abundance

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: 10.55 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

Tgt Ion: 136 Resp: 227140

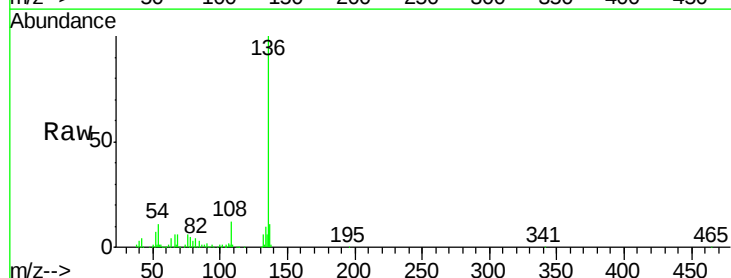
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.8

54 10.6 8.7 13.1

68 5.7 5.0 7.4



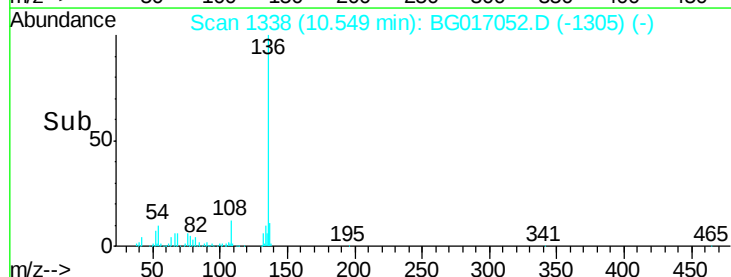
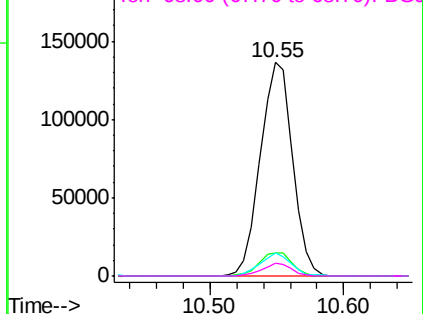
Abundance

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

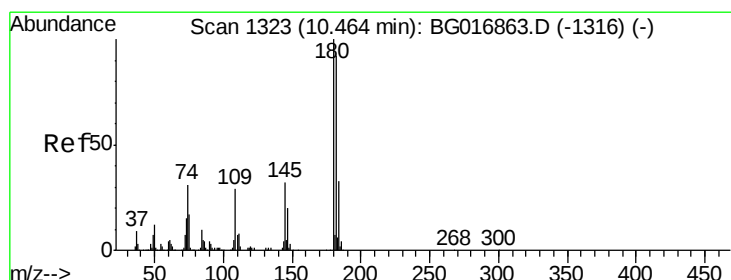
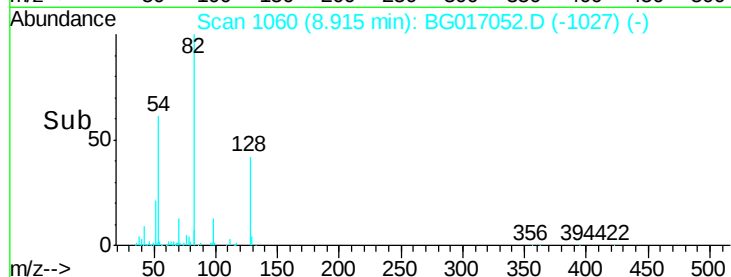
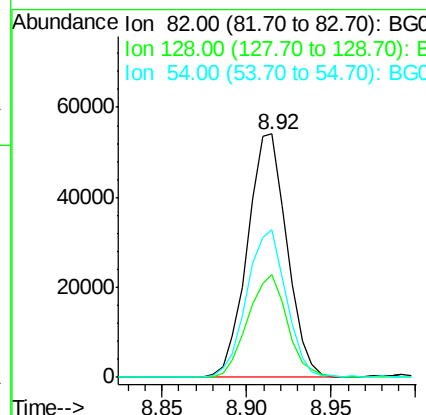
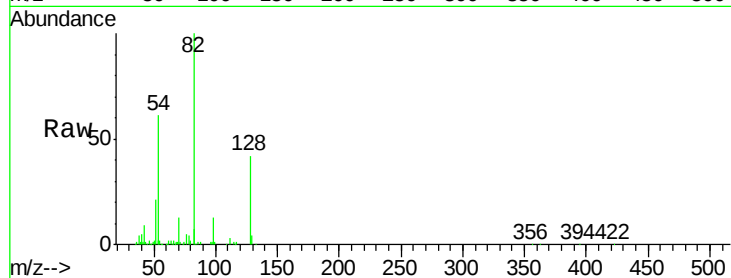




#23
 Nitrobenzene-d5
 Concen: 18.94 ng
 RT: 8.92 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

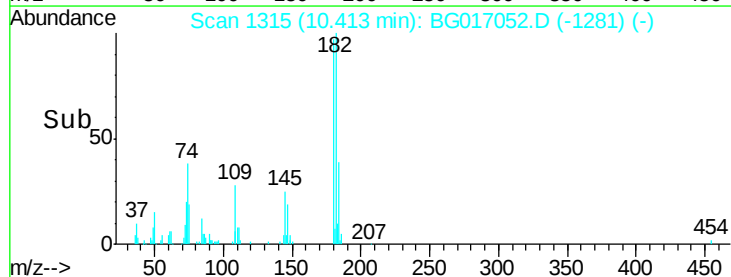
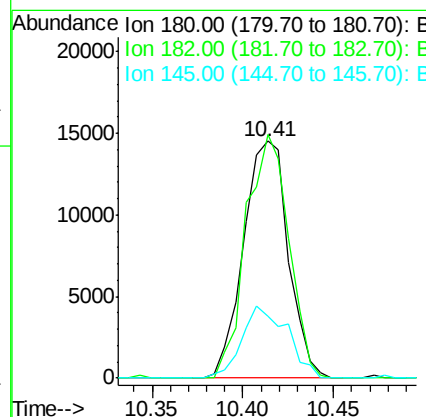
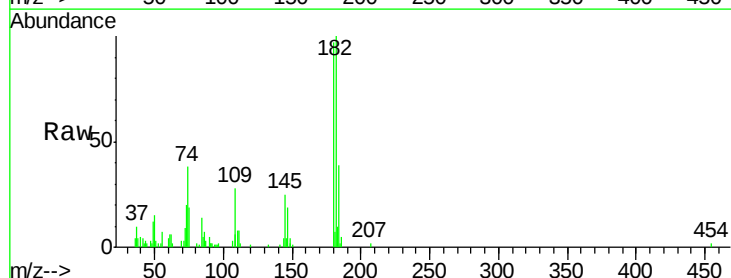
Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615DL

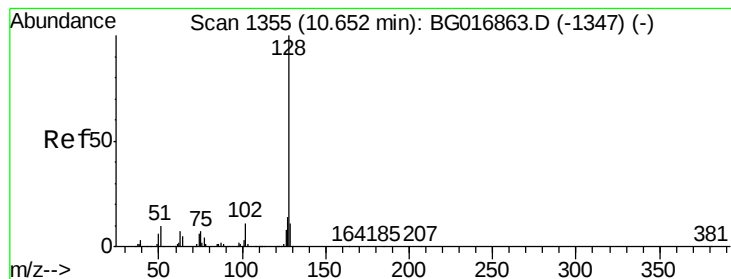
Tot Ion	82	Resp	88076
Ion Ratio	Lower	Upper	
82	100		
128	42.1	33.2	49.8
54	60.8	48.6	72.8



#30
 1,2,4-Trichlorobenzene
 Concen: 7.17 ng
 RT: 10.41 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BG017052.D
 Acq: 11 May 2015 14:32

Tgt Ion	180	Resp	24843
Ion Ratio	Lower	Upper	
180	100		
182	102.7	73.8	110.8
145	26.1	25.4	38.0





#31

Naphthalene

Concen: 40.75 ng

RT: 10.60 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

Instrument :

BNA_G

ClientSampleId :

DCW-WW-134-5615DL

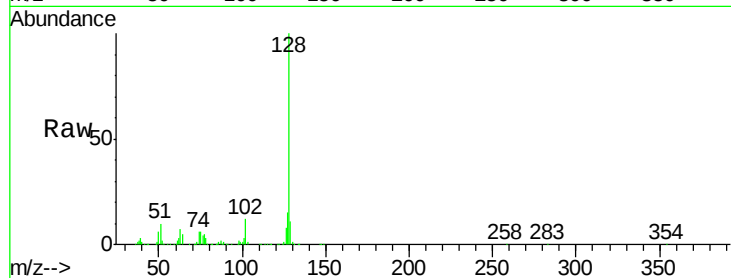
Tot Ion:128 Resp: 460417

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

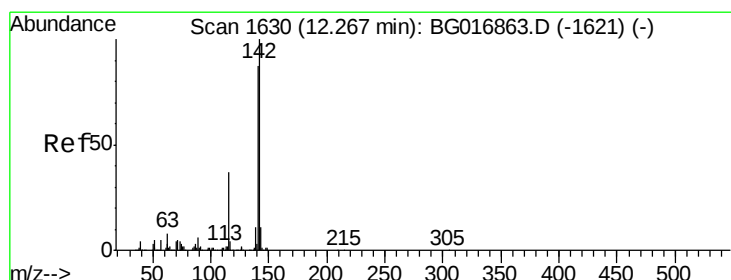
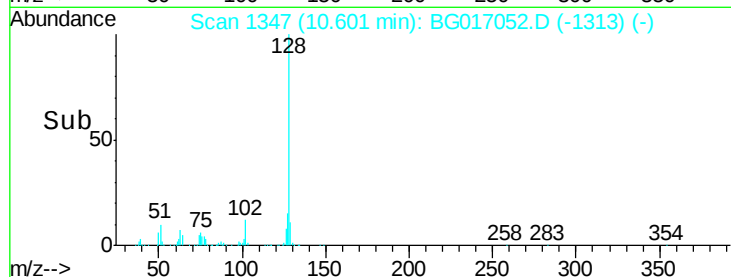
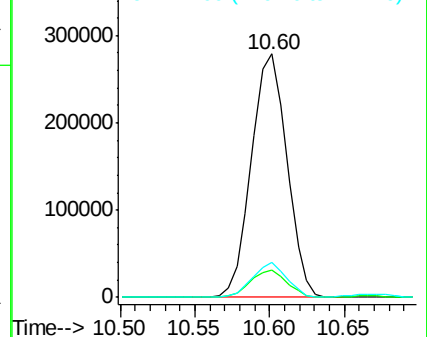
127 14.6 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 5.73 ng

RT: 12.22 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

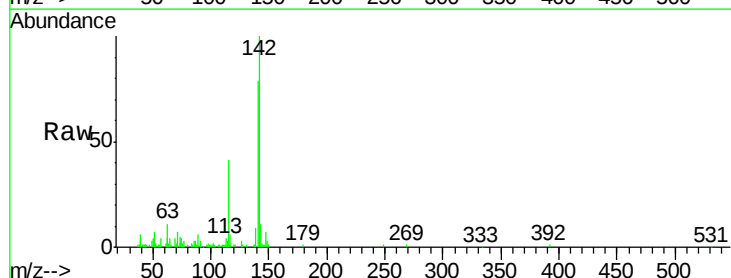
Tgt Ion:142 Resp: 49331

Ion Ratio Lower Upper

142 100

141 78.9 69.9 104.9

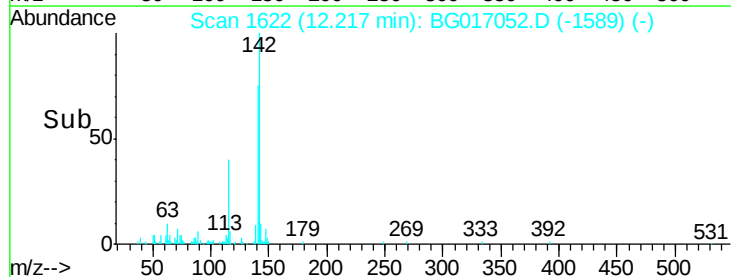
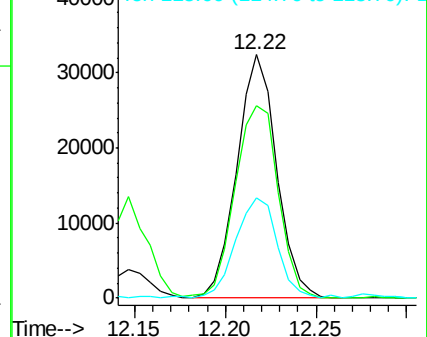
115 41.0 29.8 44.8

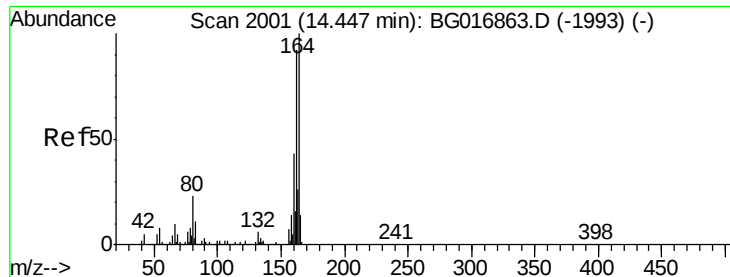


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.40 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

Instrument :

BNA_G

ClientSampleId :

DCW-WW-134-5615DL

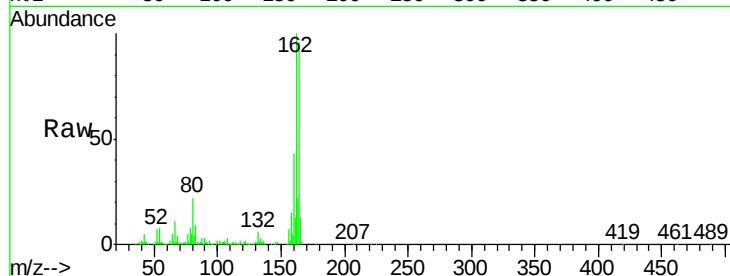
Tot Ion:164 Resp: 144865

Ion Ratio Lower Upper

164 100

162 103.9 74.0 111.0

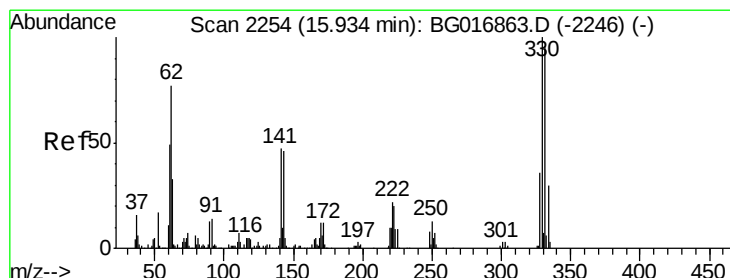
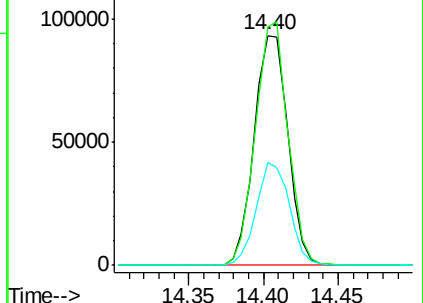
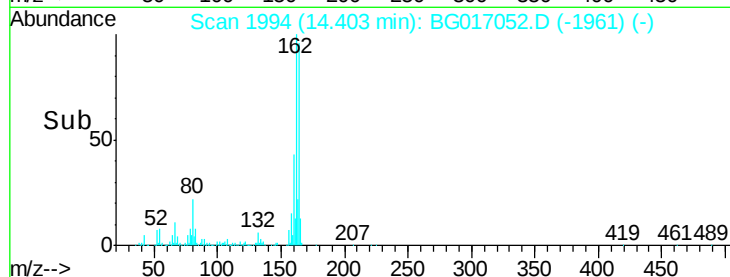
160 45.0 34.7 52.1



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: 36.74 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

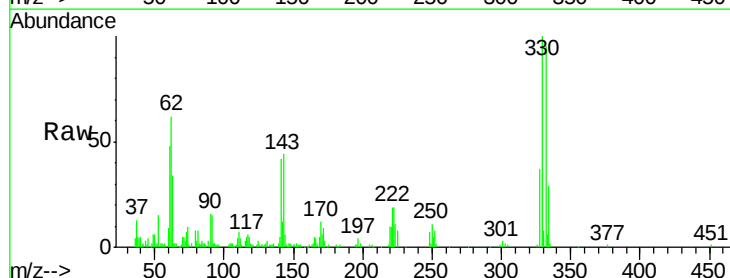
Tgt Ion:330 Resp: 53434

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

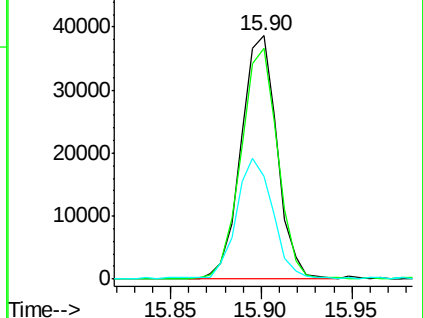
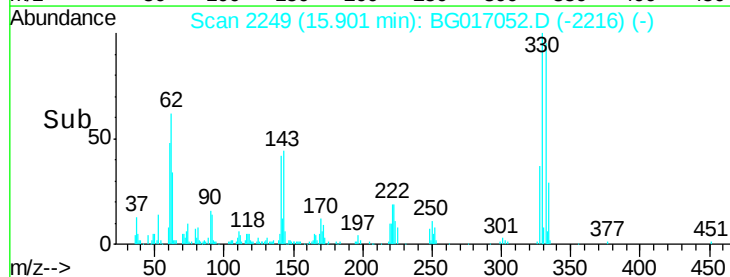
141 50.8 0.0 0.0#

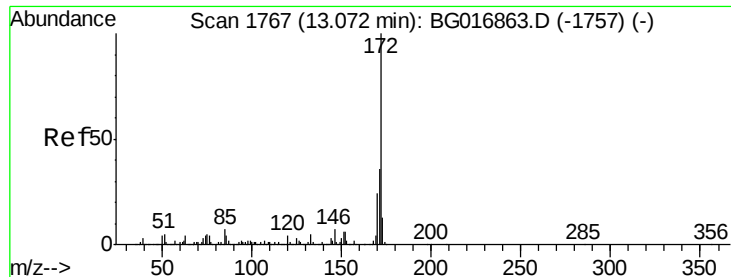


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

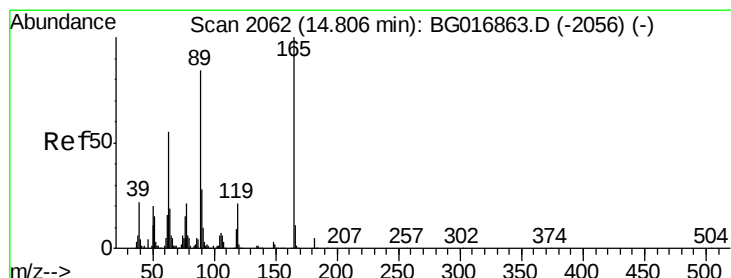
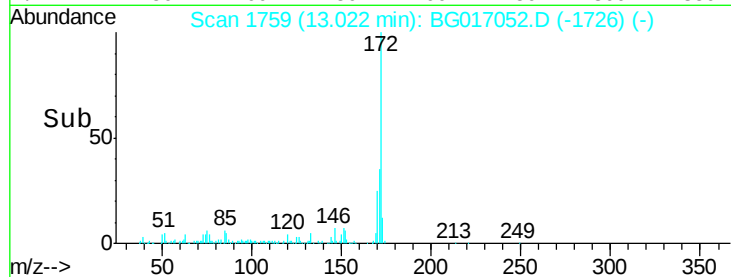
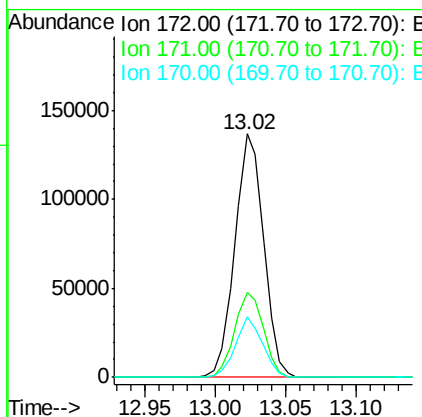
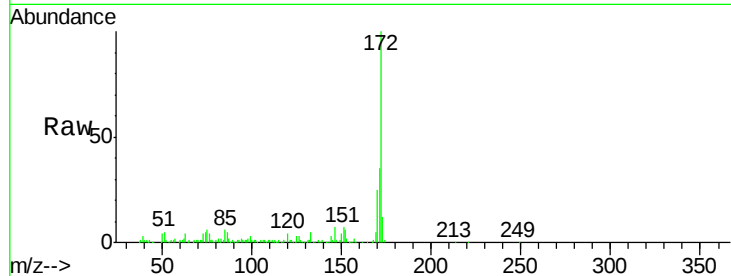




#44
2-Fluorobiphenyl
Concen: 20.21 ng
RT: 13.02 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

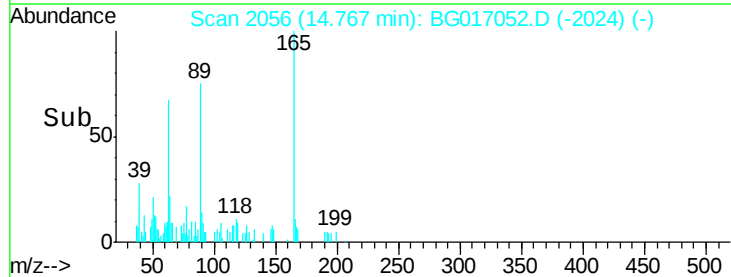
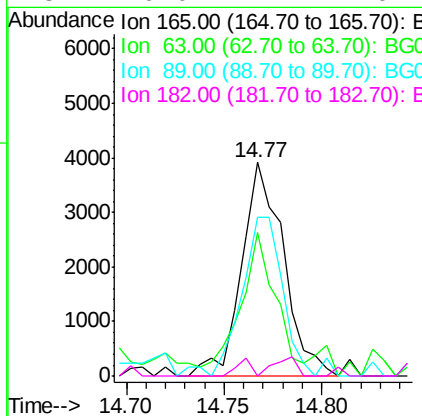
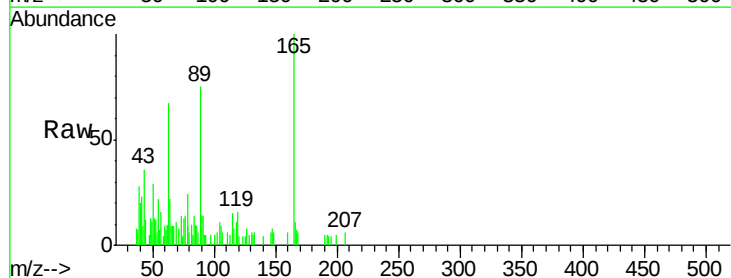
Instrument :
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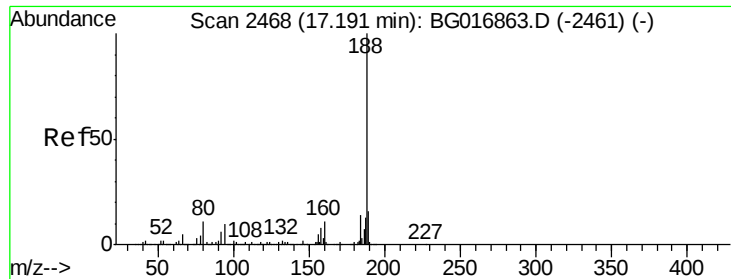
Tot Ion:172 Resp: 194029
Ion Ratio Lower Upper
172 100
171 34.8 29.0 43.4
170 24.7 19.0 28.4



#56
2,4-Dinitrotoluene
Concen: 2.03 ng
RT: 14.77 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Tgt Ion:165 Resp: 5828
Ion Ratio Lower Upper
165 100
63 67.0 44.2 66.4#
89 74.6 67.2 100.8
182 0.0 4.2 6.4#

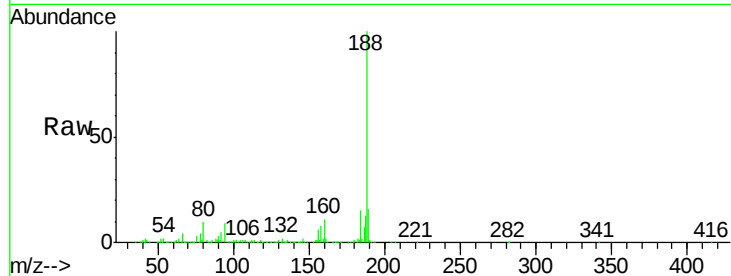




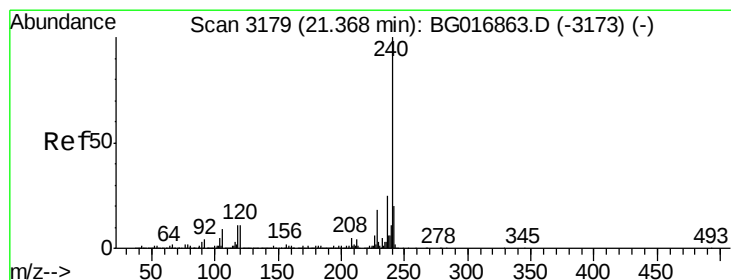
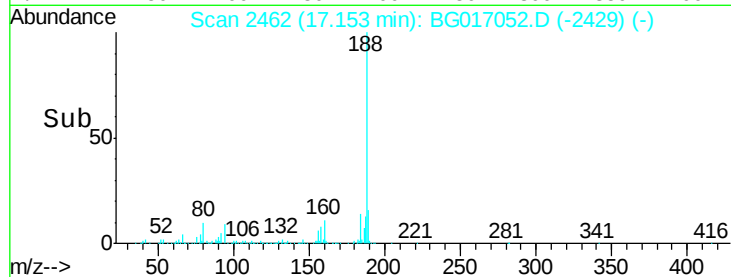
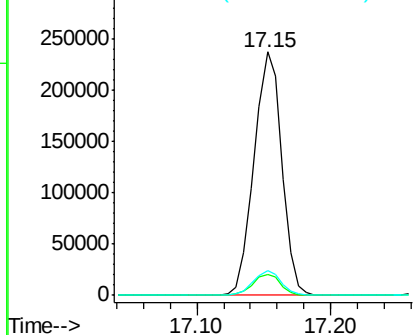
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Instrument :
BNA_G
ClientSampleId :
DCW-WW-134-5615DL

Tot Ion:188 Resp: 337905
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 10.3 8.8 13.2

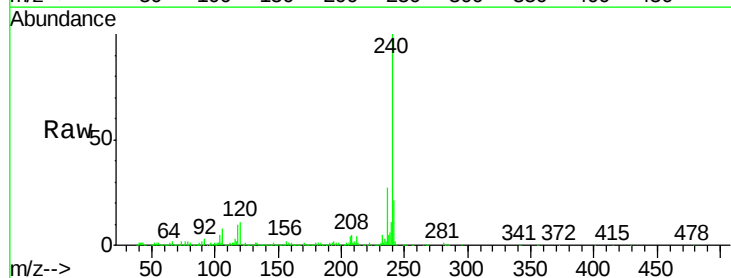


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

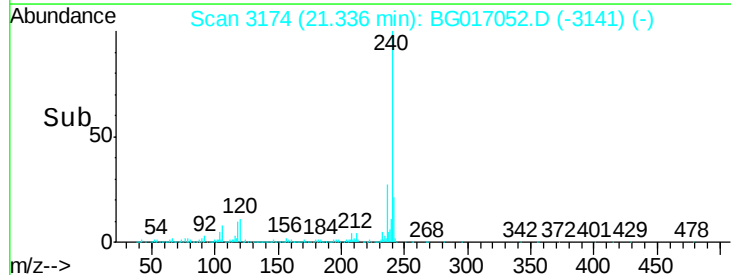
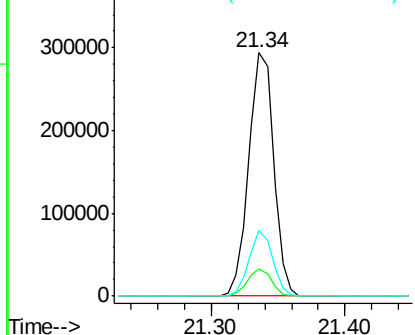


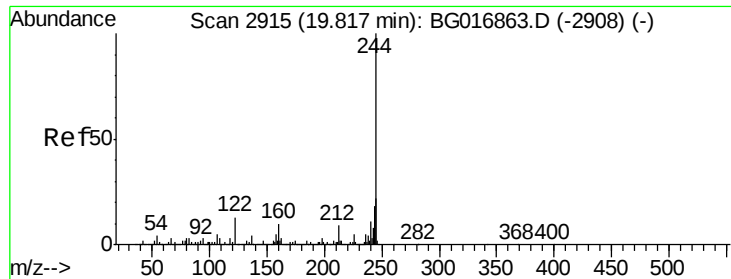
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG017052.D
Acq: 11 May 2015 14:32

Tgt Ion:240 Resp: 376717
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 27.0 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 20.43 ng

RT: 19.78 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

Instrument :

BNA_G

ClientSampleId :

DCW-WW-134-5615DL

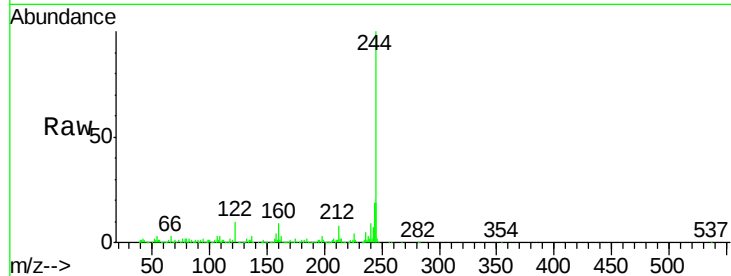
Tot Ion:244 Resp: 328273

Ion Ratio Lower Upper

244 100

212 7.5 7.0 10.6

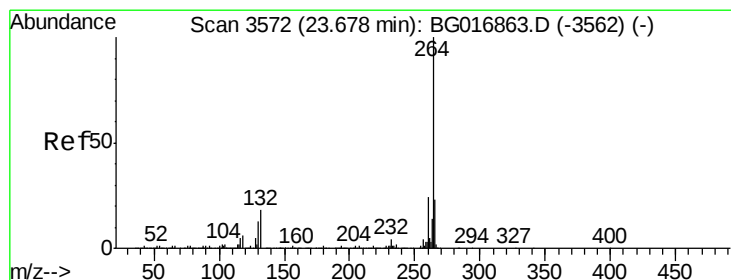
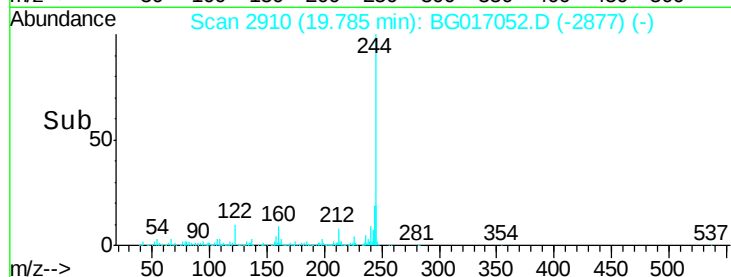
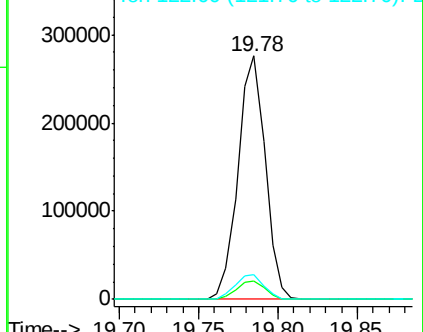
122 10.0 10.4 15.6#



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: 23.63 min Scan# 3565

Delta R.T. 0.00 min

Lab File: BG017052.D

Acq: 11 May 2015 14:32

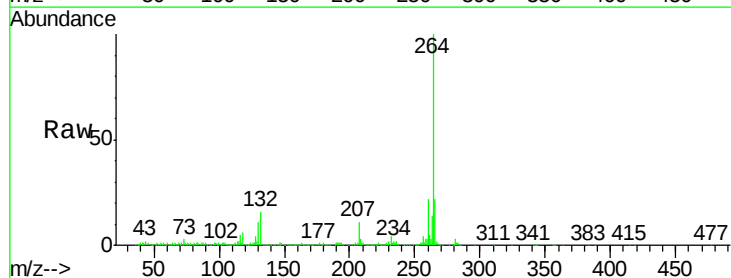
Tgt Ion:264 Resp: 357333

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 21.5 18.5 27.7



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

