

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025453.D
 Acq On : 10 Jan 2017 11:56
 Operator : UM/SJ
 Sample : I1055-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 13:06:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

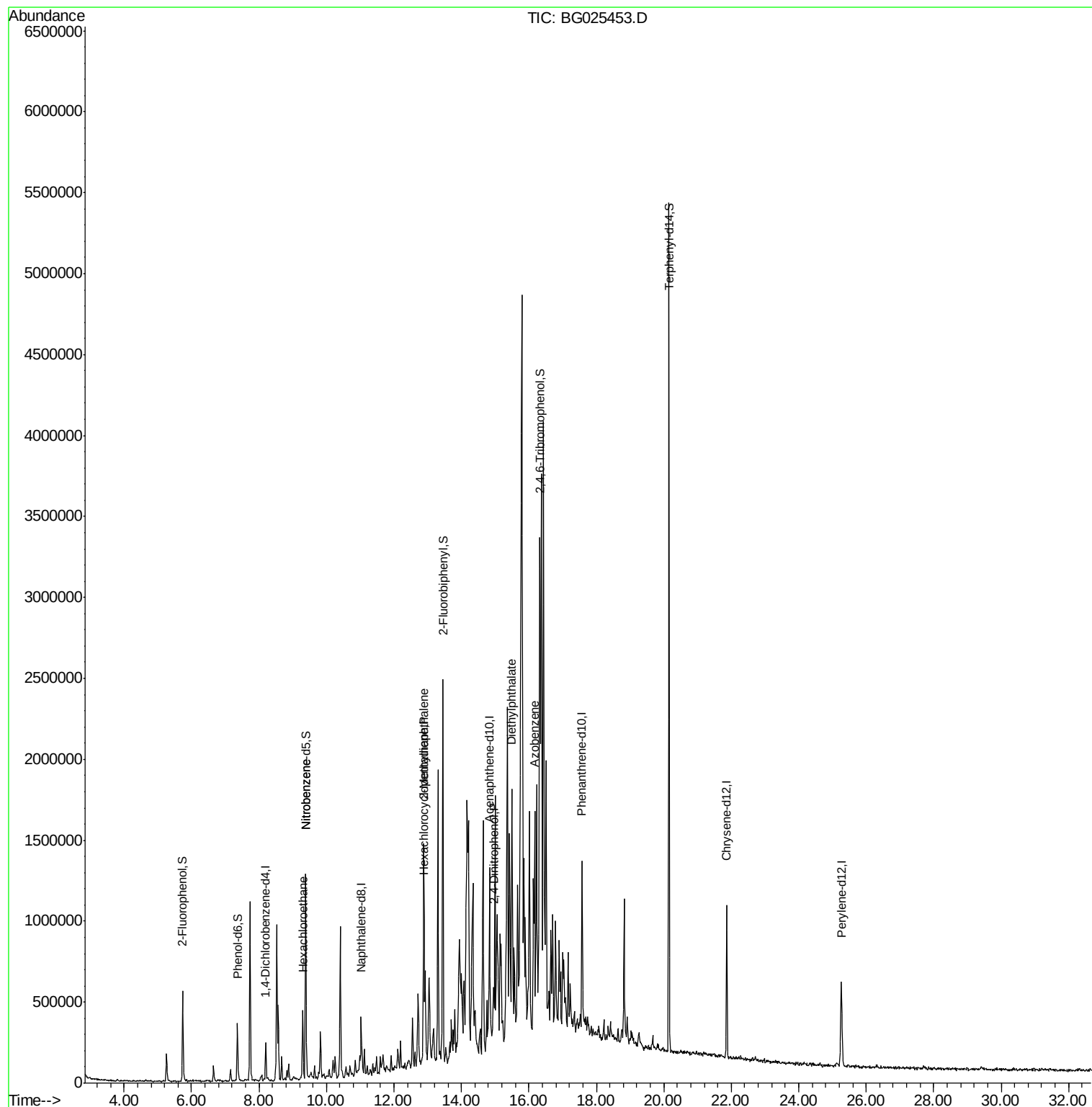
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57182	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	236224	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	237717	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	458647	20.00	ng	0.00
75) Chrysene-d12	21.86	240	612431	20.00	ng	0.00
86) Perylene-d12	25.27	264	656512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	225047	71.54	ng	0.00
7) Phenol-d6	7.36	99	201029	45.37	ng	0.00
23) Nitrobenzene-d5	9.38	82	555770	103.94	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	515426	134.68	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1172063	79.82	ng	0.00
78) Terphenyl-d14	20.15	244	2085620	90.29	ng	0.00
Target Compounds						
18) Hexachloroethane	9.31	117	76737	44.89	ng	# 19
24) Nitrobenzene	9.38	77	20930	3.57	ng	# 13
37) 2-Methylnaphthalene	12.89	142	530704	60.70	ng	92
40) Hexachlorocyclopentadiene	12.90	237	114	8.55	ng	# 29
53) 2,4-Dinitrophenol	14.97	184	667	5.33	ng	# 1
59) Diethylphthalate	15.50	149	294367	16.20	ng	# 49
62) Azobenzene	16.16	77	45014	2.57	ng	# 1

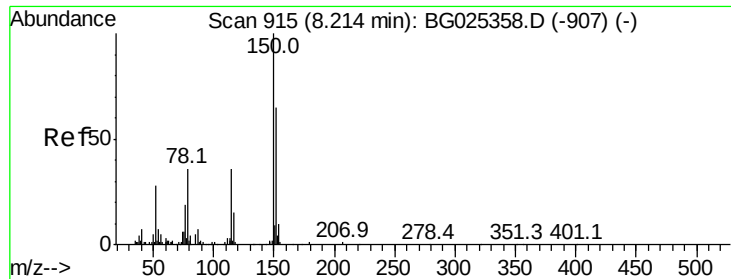
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

BNA_G

ClientSampleId :

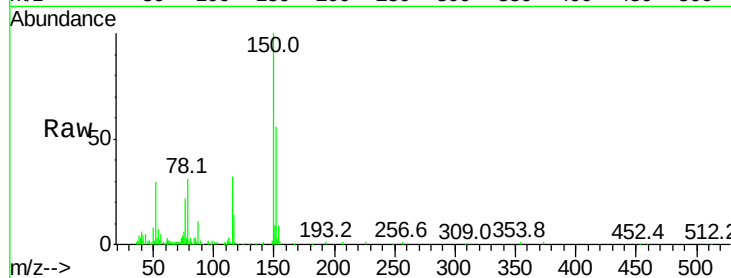
Tot Ion:152 Resp: 57182

Ion Ratio Lower Upper

152 100

150 177.2 114.0 171.0#

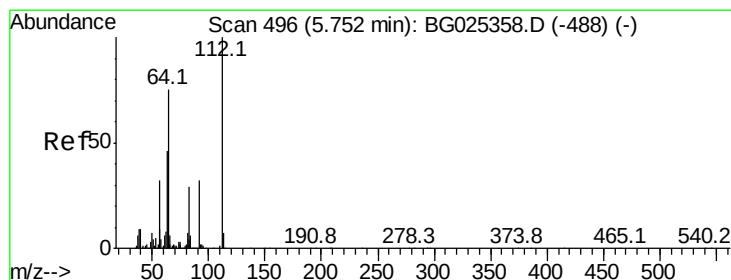
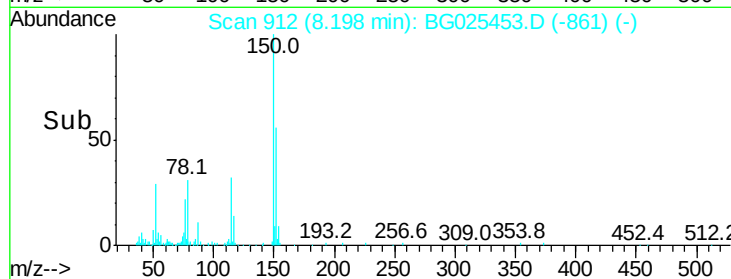
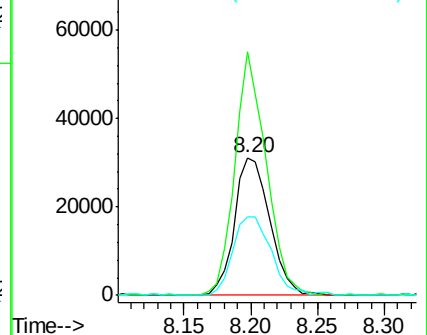
115 57.1 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 71.54 ng

RT: 5.74 min Scan# 494

Delta R.T. 0.01 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

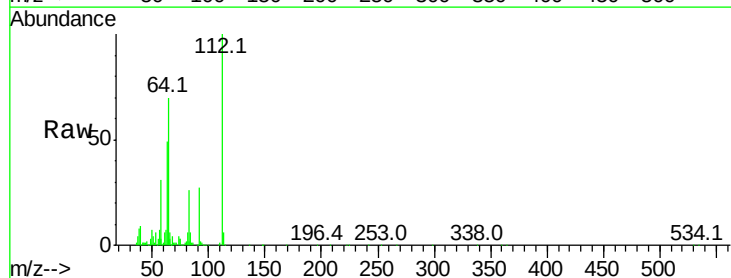
Tgt Ion:112 Resp: 225047

Ion Ratio Lower Upper

112 100

64 70.3 61.8 92.6

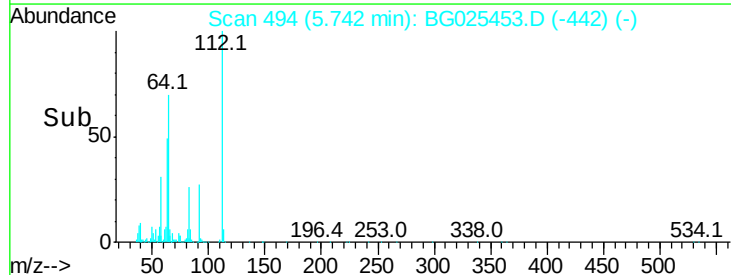
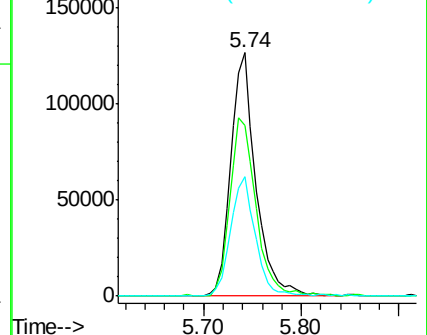
63 48.9 37.2 55.8

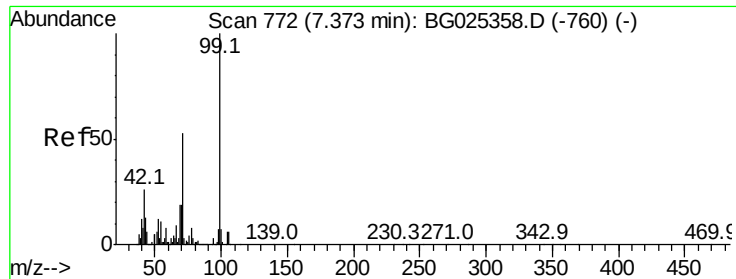


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 45.37 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

BNA_G

ClientSampleId :

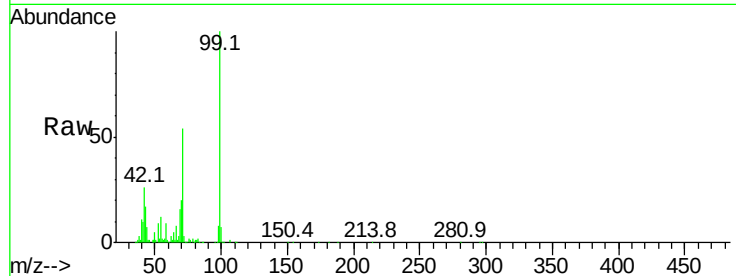
Tot Ion: 99 Resp: 201029

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

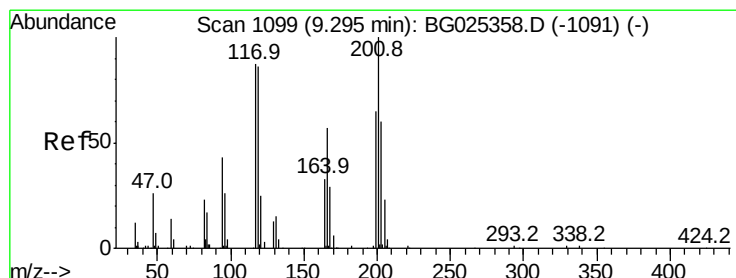
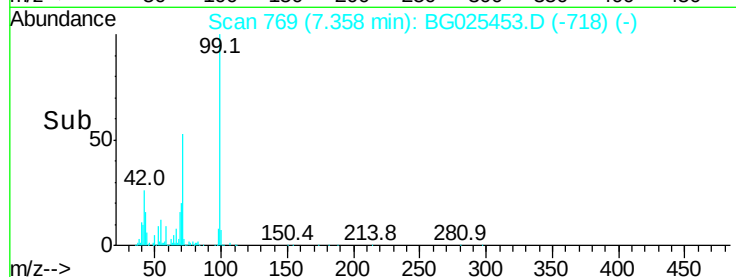
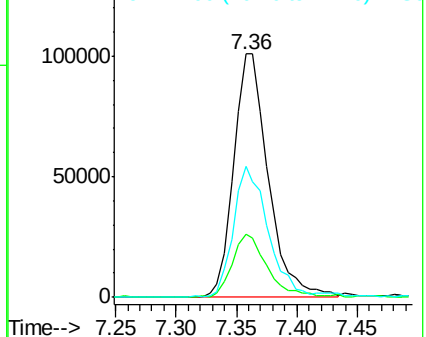
71 53.7 37.6 56.4



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



#18

Hexachloroethane

Concen: 44.89 ng

RT: 9.31 min Scan# 1101

Delta R.T. 0.02 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

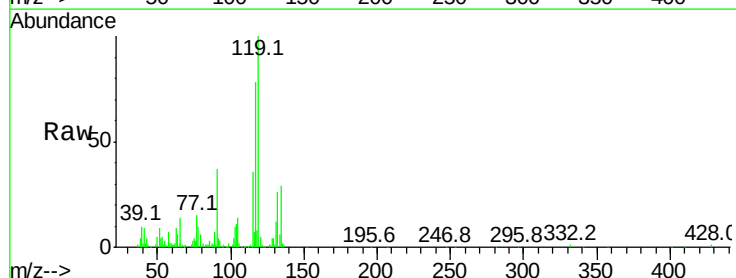
Tgt Ion: 117 Resp: 76737

Ion Ratio Lower Upper

117 100

119 128.0 69.8 104.6#

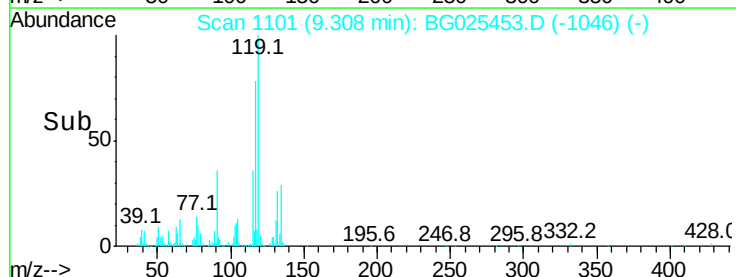
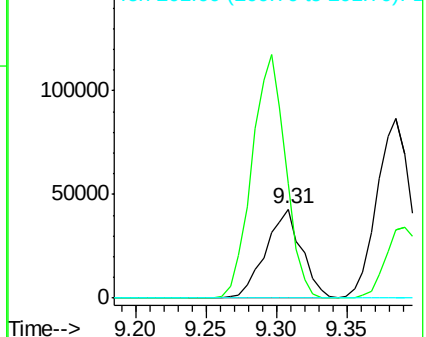
201 0.0 95.4 143.0#

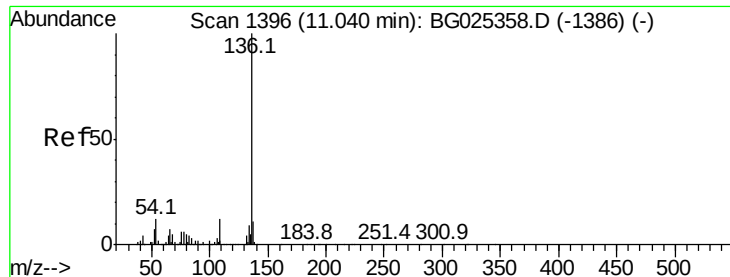


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

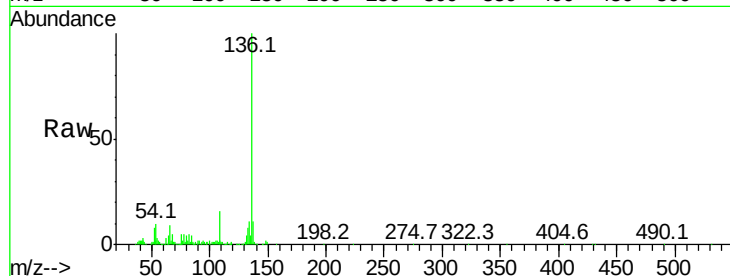




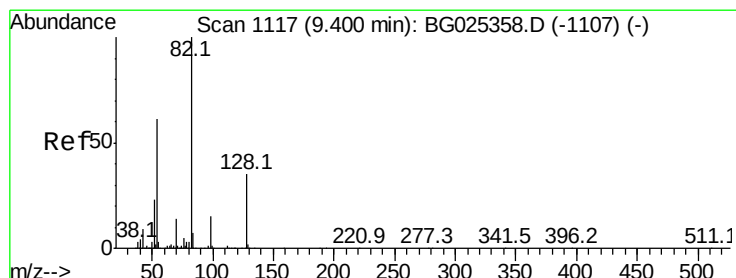
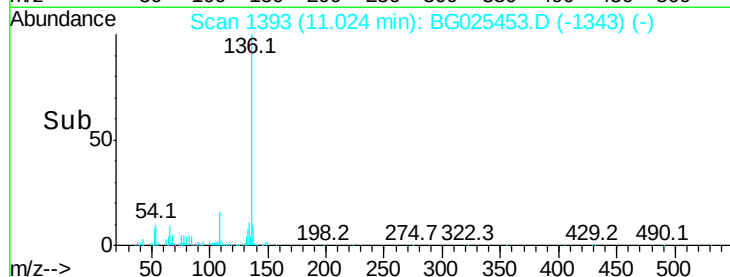
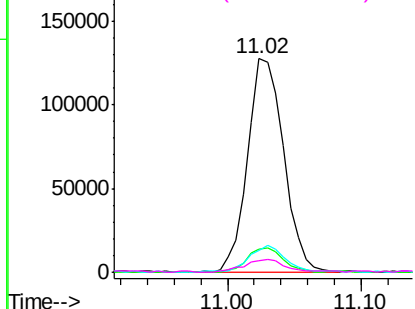
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG025453.D
Acq: 10 Jan 2017 11:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	236224	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 10.3	9.3	13.9	
68 5.4	5.1	7.7	

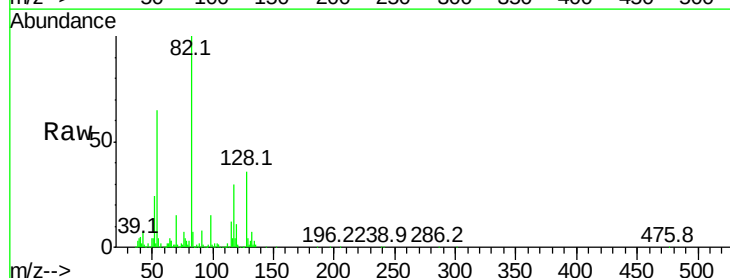


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

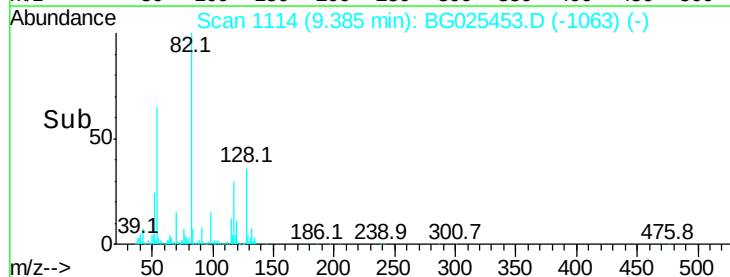
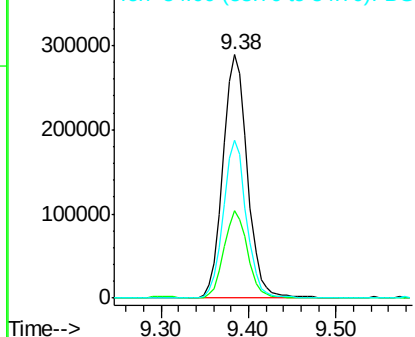


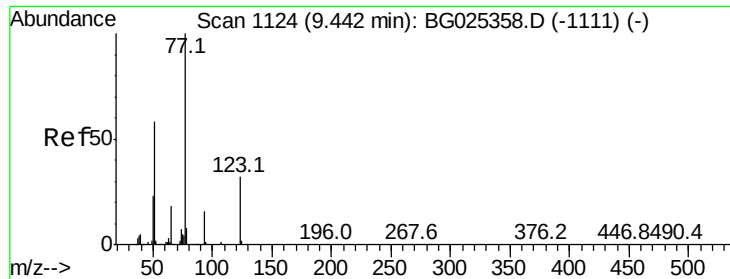
#23
Nitrobenzene-d5
Concen: 103.94 ng
RT: 9.38 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025453.D
Acq: 10 Jan 2017 11:56

Tgt Ion: 82	Resp: 555770
Ion Ratio	Lower Upper
82 100	
128 35.8	26.4 39.6
54 64.8	49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
400000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

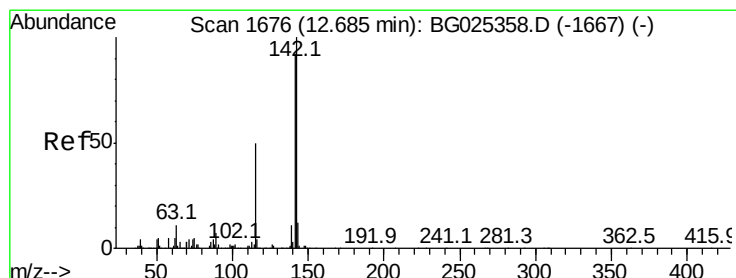
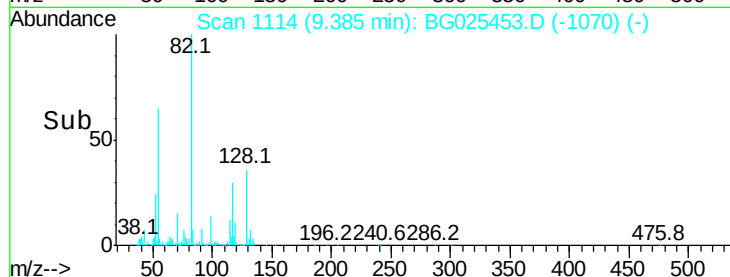
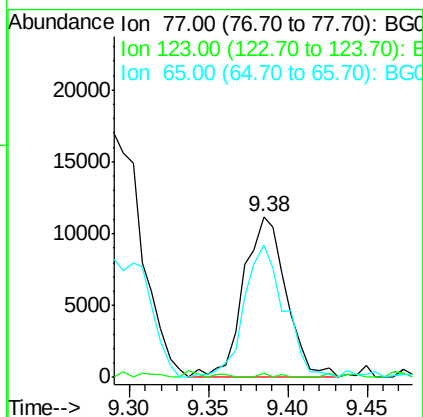
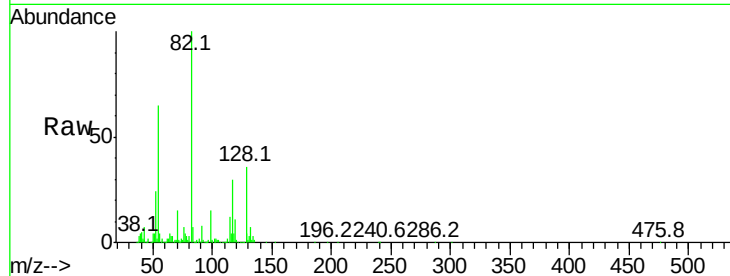




#24
Nitrobenzene
Concen: 3.57 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.04 min
Lab File: BG025453.D
Acq: 10 Jan 2017 11:56

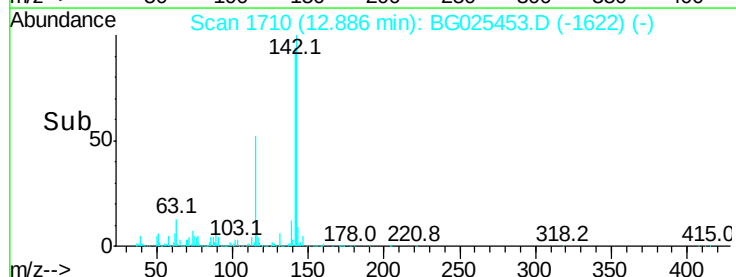
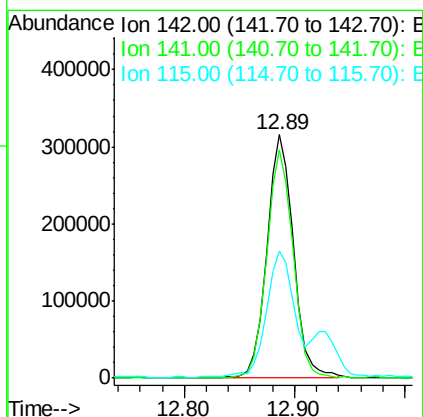
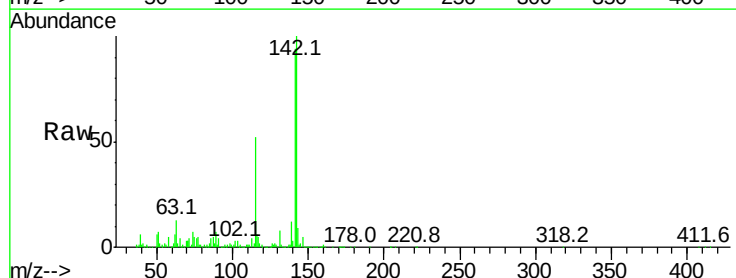
Instrument :
BNA_G
ClientSampleId :

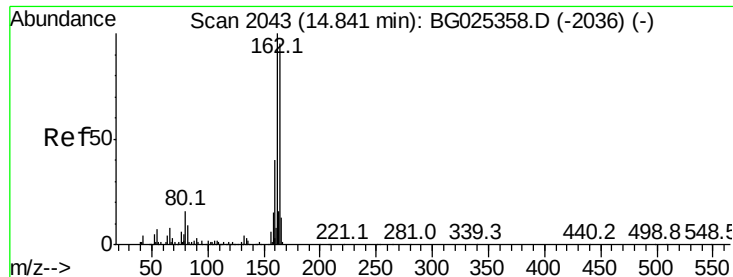
Tot Ion: 77 Resp: 20930
Ion Ratio Lower Upper
77 100
123 3.0 26.1 39.1#
65 82.2 12.4 18.6#



#37
2-Methylnaphthalene
Concen: 60.70 ng
RT: 12.89 min Scan# 1710
Delta R.T. 0.22 min
Lab File: BG025453.D
Acq: 10 Jan 2017 11:56

Tgt Ion: 142 Resp: 530704
Ion Ratio Lower Upper
142 100
141 93.7 70.4 105.6
115 52.3 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

BNA_G

ClientSampleId :

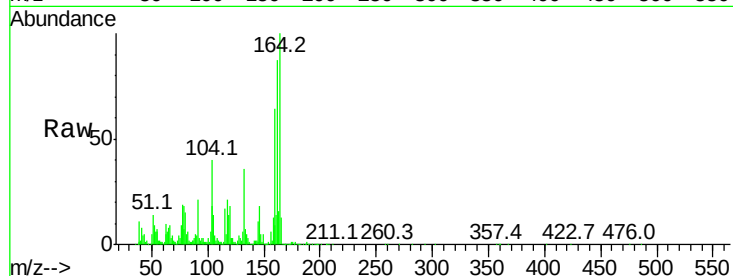
Tot Ion:164 Resp: 237717

Ion Ratio Lower Upper

164 100

162 87.2 85.1 127.7

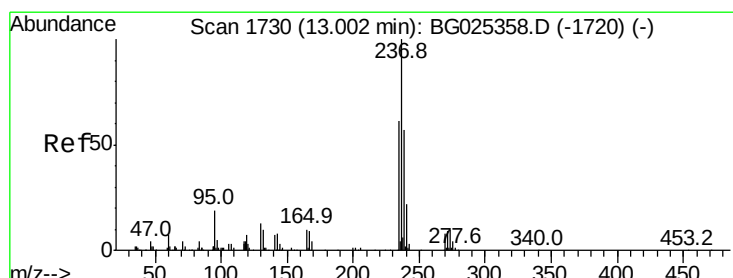
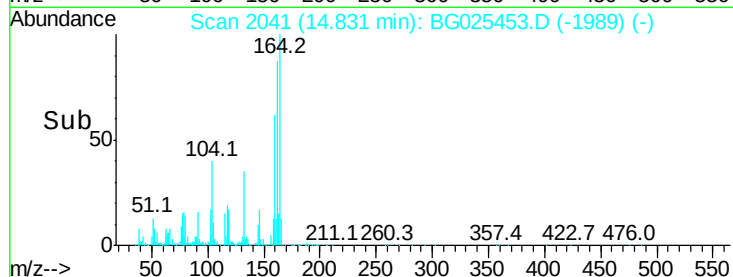
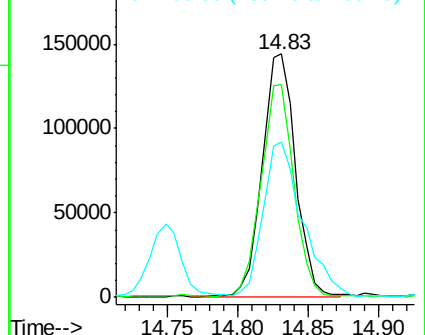
160 63.6 34.7 52.1#



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



#40

Hexachlorocyclopentadiene

Concen: 8.55 ng

RT: 12.90 min Scan# 1713

Delta R.T. -0.09 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

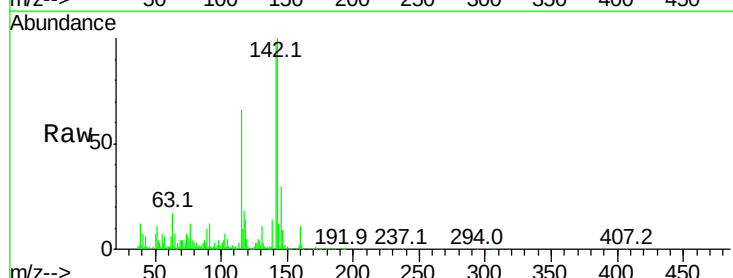
Tgt Ion:237 Resp: 114

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

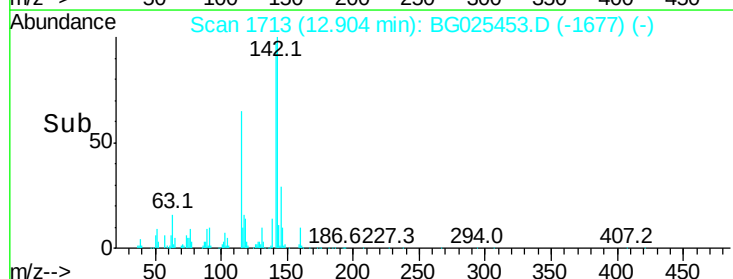
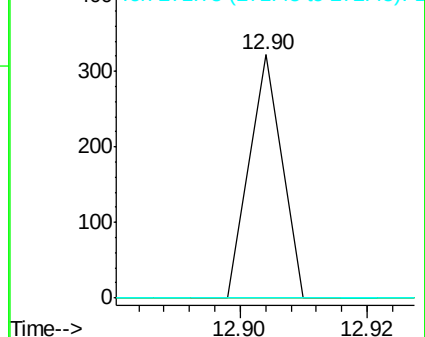
272 0.0 0.0 32.0

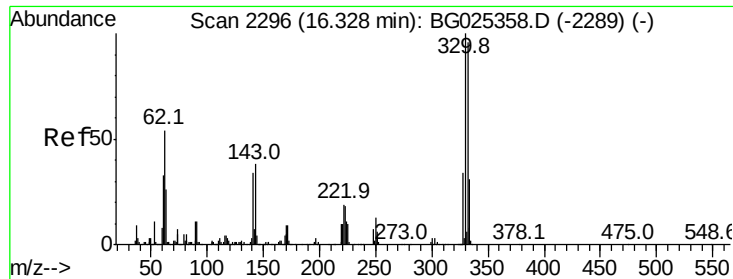


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

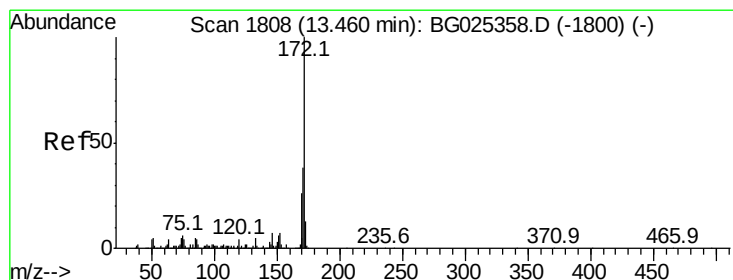
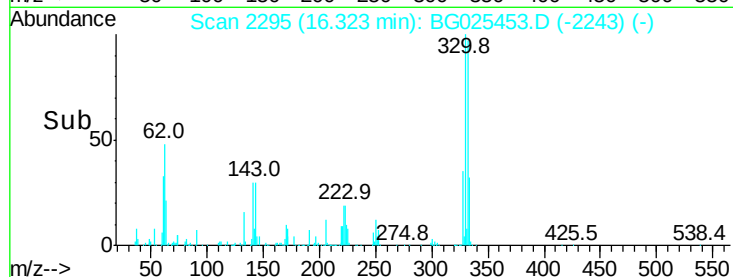
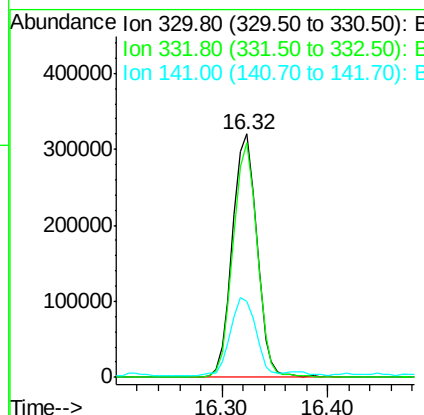
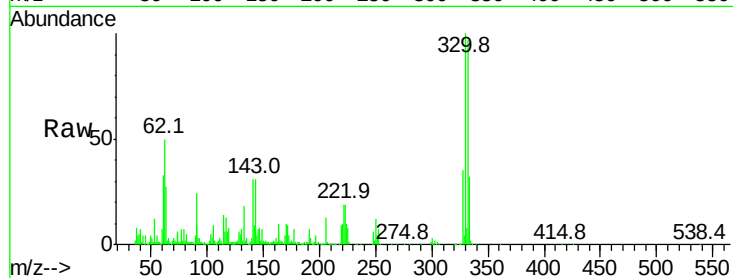




#41
 2,4,6-Tribromophenol
 Concen: 134.68 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BG025453.D
 Acq: 10 Jan 2017 11:56

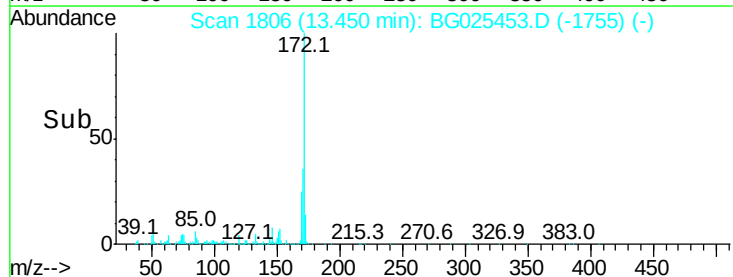
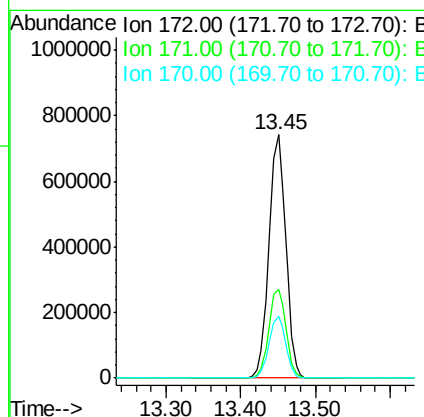
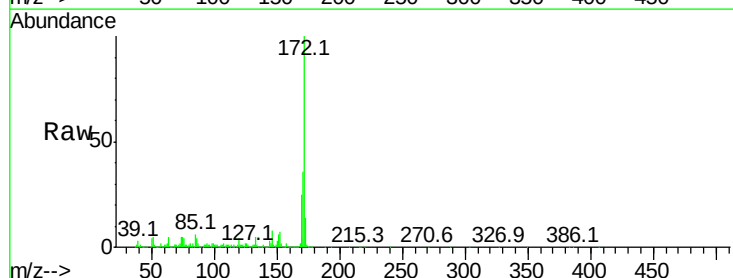
Instrument :
 BNA_G
 ClientSampleId :

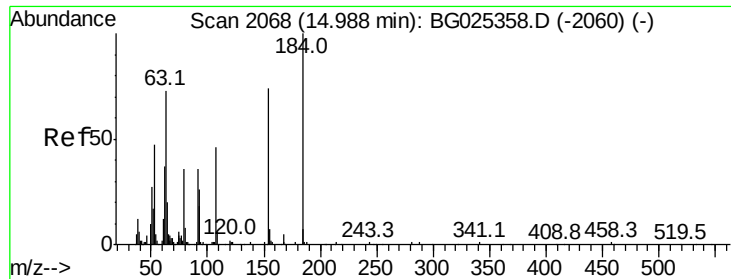
Tot Ion:330 Resp: 515426
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.3 115.9
 141 33.8 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 79.82 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG025453.D
 Acq: 10 Jan 2017 11:56

Tgt Ion:172 Resp: 1172063
 Ion Ratio Lower Upper
 172 100
 171 36.5 32.2 48.2
 170 25.2 21.8 32.6

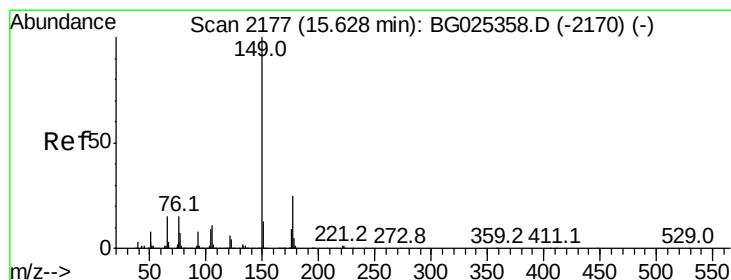
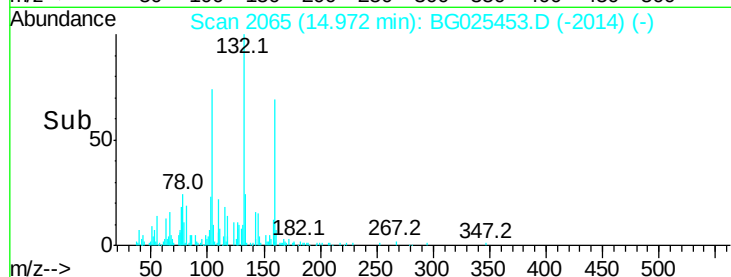
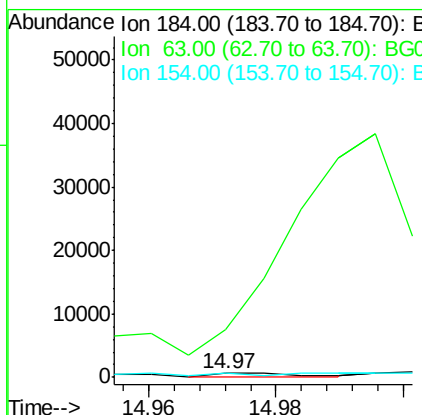
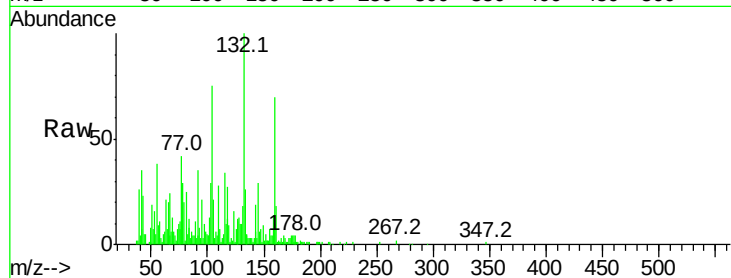




#53
2,4-Dinitrophenol
Concen: 5.33 ng
RT: 14.97 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG025453.D
Acq: 10 Jan 2017 11:56

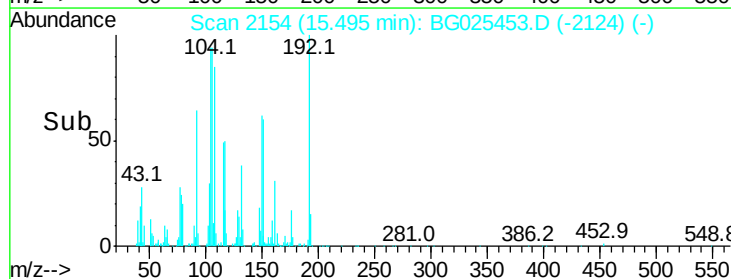
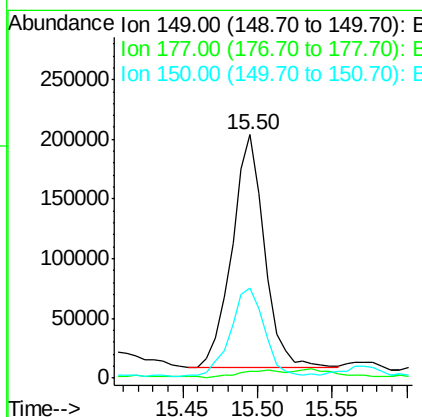
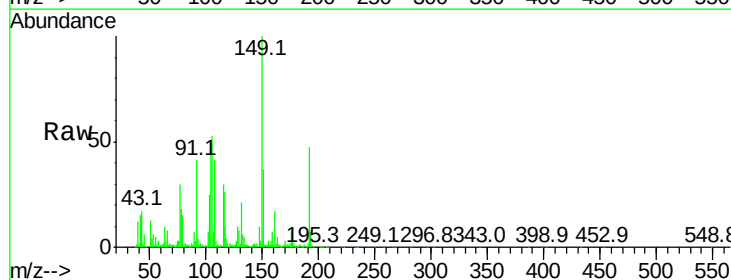
Instrument :
BNA_G
ClientSampleId :

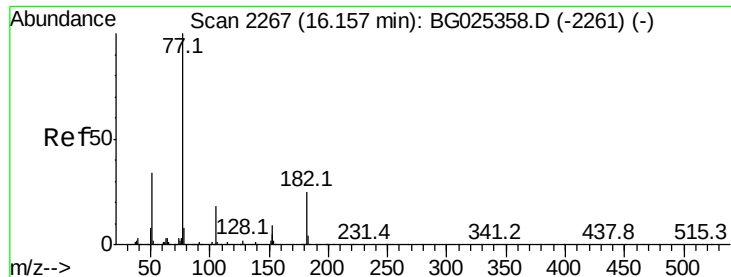
Tot Ion:184 Resp: 667
Ion Ratio Lower Upper
184 100
63 1148.8 52.7 79.1#
154 93.8 57.3 85.9#



#59
Diethylphthalate
Concen: 16.20 ng
RT: 15.50 min Scan# 2154
Delta R.T. -0.12 min
Lab File: BG025453.D
Acq: 10 Jan 2017 11:56

Tgt Ion:149 Resp: 294367
Ion Ratio Lower Upper
149 100
177 2.6 20.1 30.1#
150 37.2 10.2 15.2#





#62

Azobenzene

Concen: 2.57 ng

RT: 16.16 min Scan# 2268

Delta R.T. 0.02 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

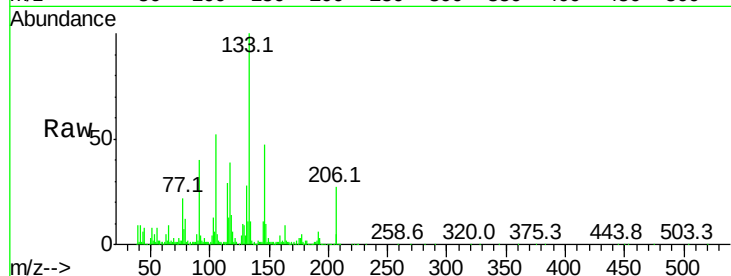
BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 45014

Ion Ratio Lower Upper

77	100		
182	8.3	4.7	44.7
105	236.0	0.0	36.3#
51	36.9	16.4	56.4

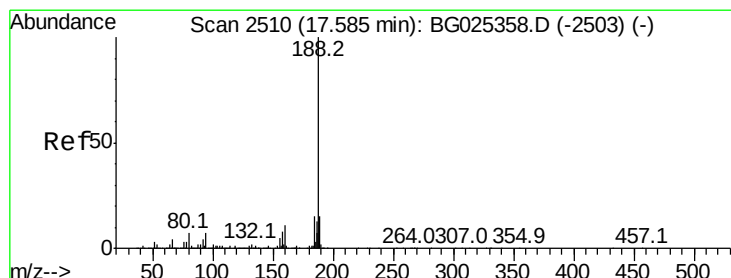
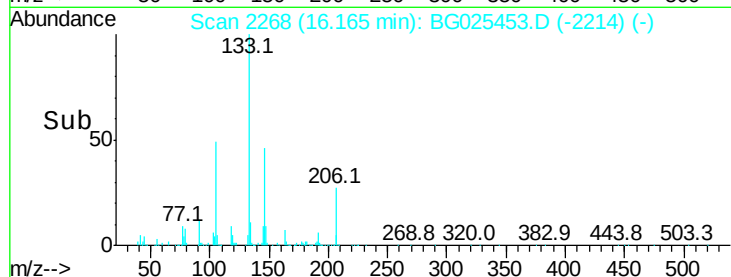
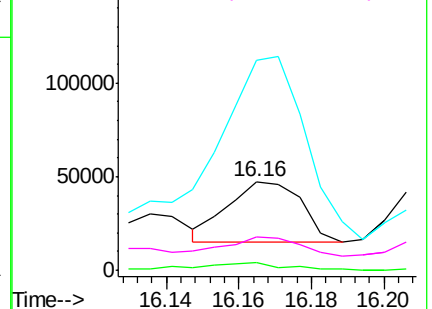


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

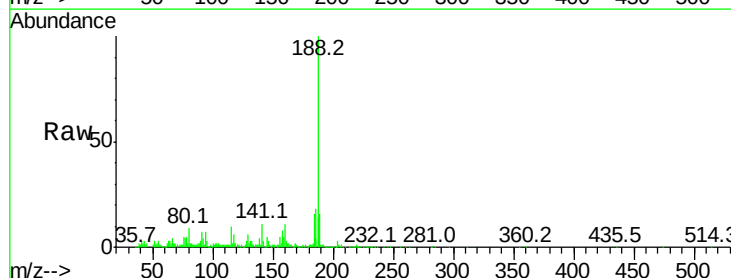
Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Tgt Ion: 188 Resp: 458647

Ion Ratio Lower Upper

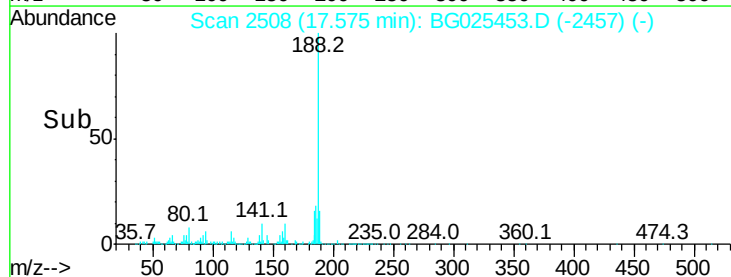
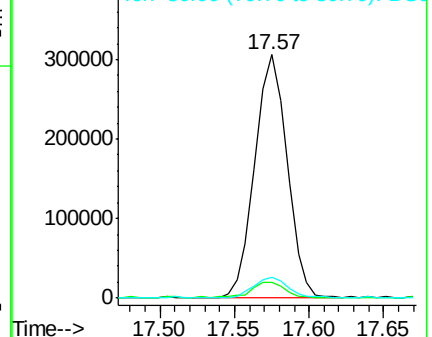
188	100		
94	6.7	5.8	8.8
80	8.6	7.5	11.3

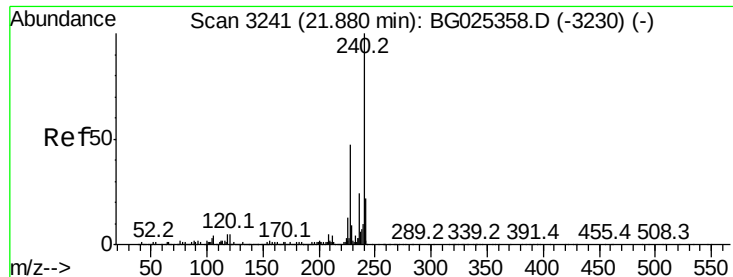


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

Instrument :

BNA_G

ClientSampleId :

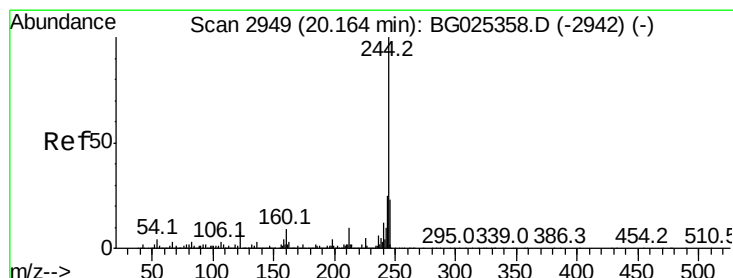
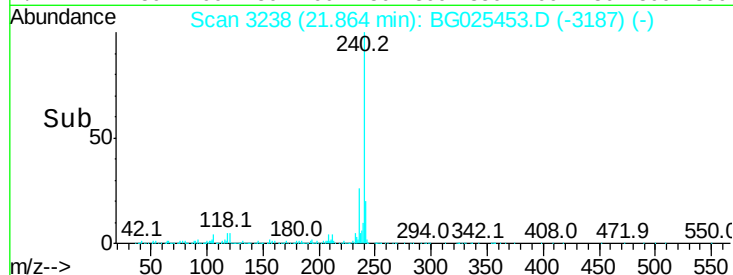
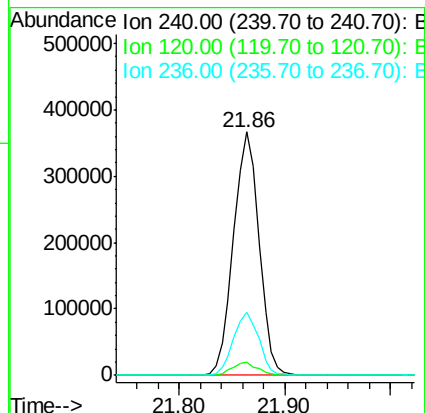
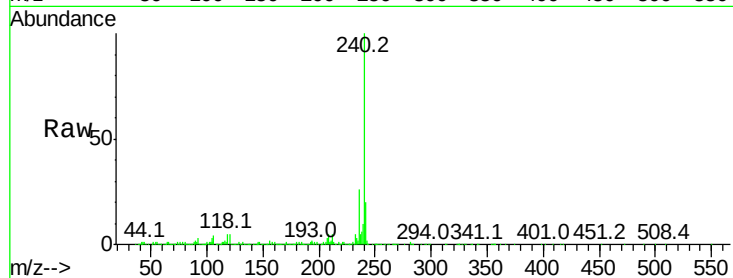
Tot Ion:240 Resp: 612431

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

236 25.9 22.2 33.4



#78

Terphenyl-d14

Concen: 90.29 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG025453.D

Acq: 10 Jan 2017 11:56

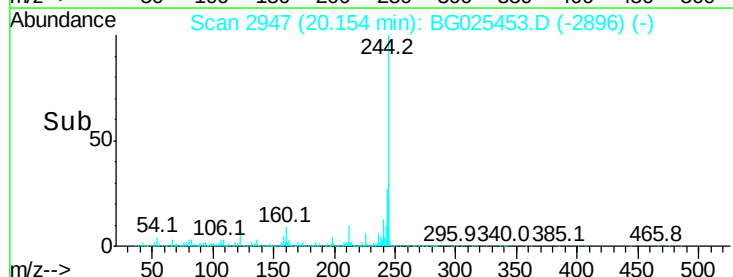
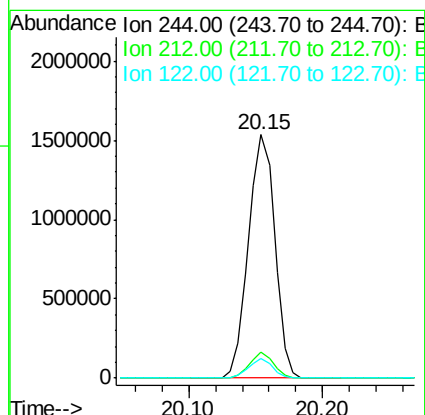
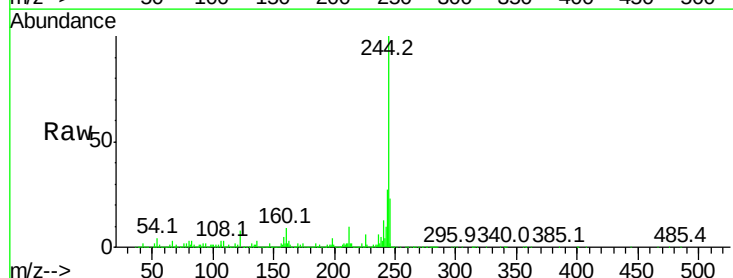
Tgt Ion:244 Resp: 2085620

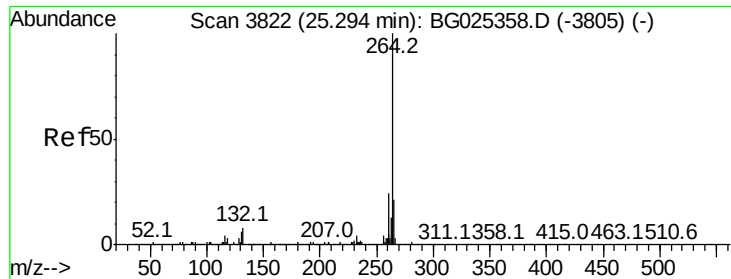
Ion Ratio Lower Upper

244 100

212 10.5 10.0 15.0

122 7.9 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.27 min Scan# 3817
Delta R.T. 0.00 min
Lab File: BG025453.D
Acq: 10 Jan 2017 11:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	21.4	18.2	27.4

