

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035542.D
 Acq On : 30 Jun 2018 14:51
 Operator : JU/SJ
 Sample : J3758-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 02:28:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

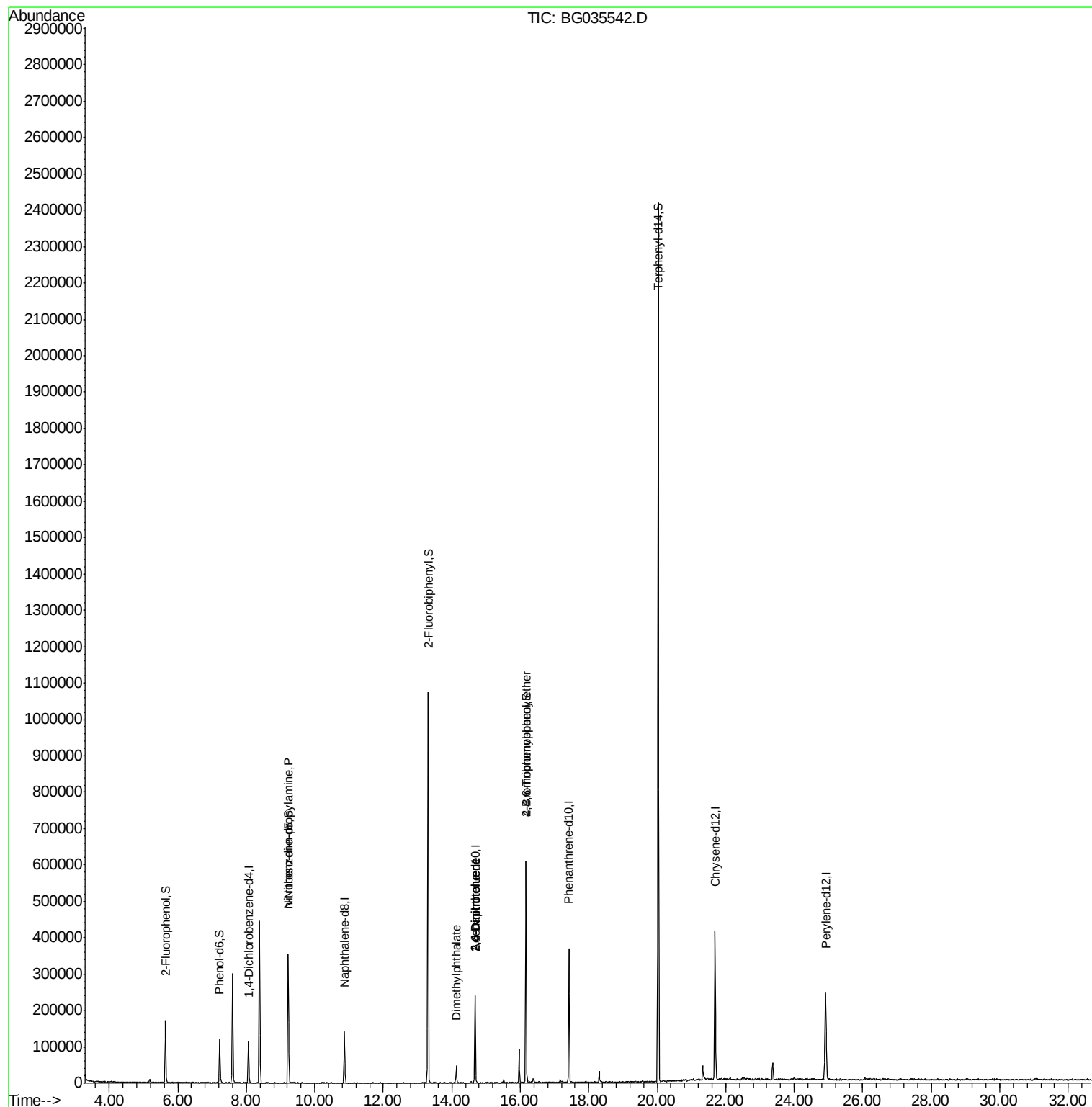
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	30217	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	115557	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	85088	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	241074	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	269980	20.00	ng	-0.03
86) Perylene-d12	24.91	264	261778	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	75811	42.34	ng	0.00
7) Phenol-d6	7.22	99	72856	27.57	ng	0.00
23) Nitrobenzene-d5	9.23	82	246785	101.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	116283	106.76	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	586212	89.56	ng	-0.02
78) Terphenyl-d14	20.03	244	1134283	88.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	33922	15.109	ng	# 64
49) Dimethylphthalate	14.13	163	31559	4.253	ng	# 95
50) 2,6-Dinitrotoluene	14.68	165	12368	9.137	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	12368	6.878	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	8820	3.038	ng	# 1

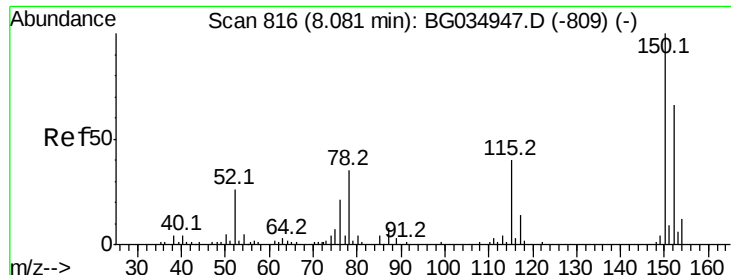
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



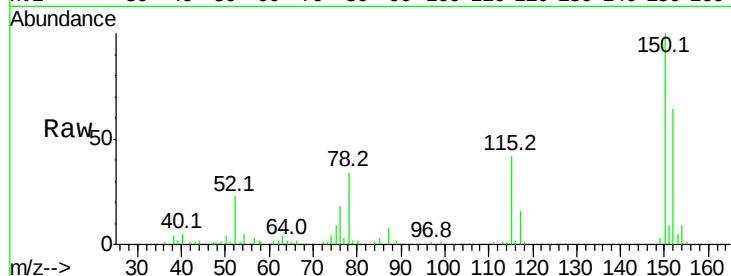


#1

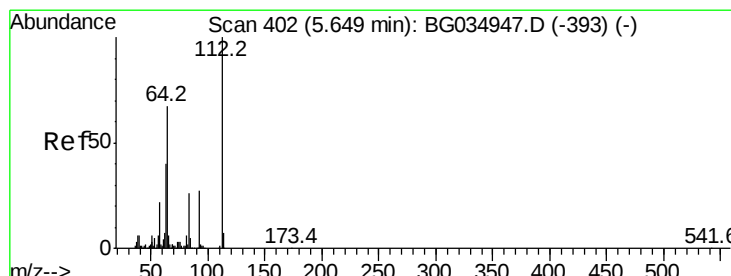
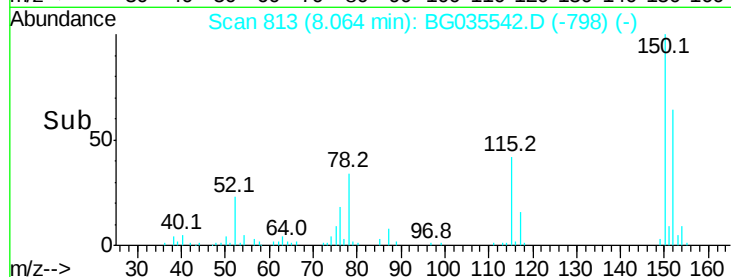
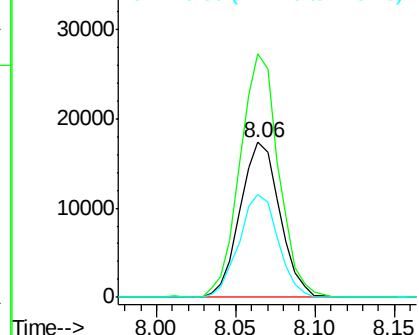
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035542.D
Acq: 30 Jun 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	66.5	53.0	79.4



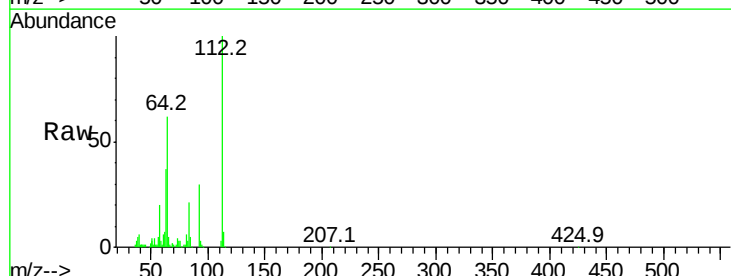
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



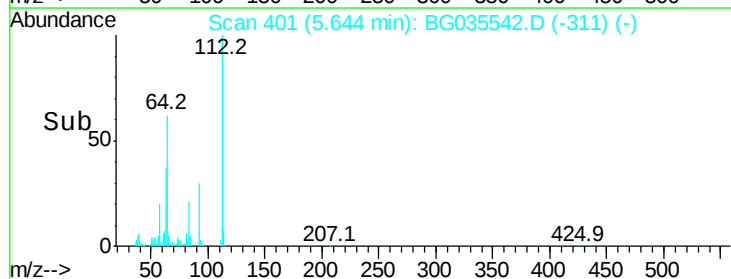
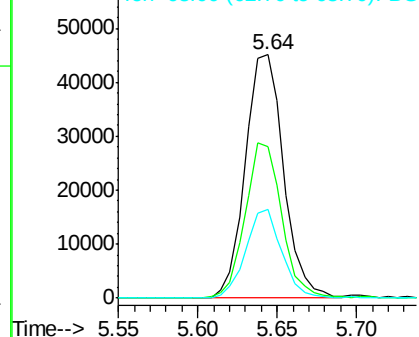
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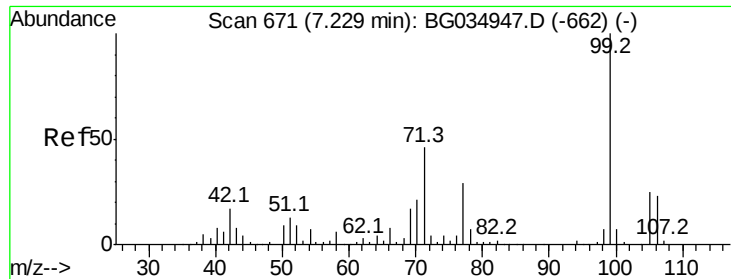
2-Fluorophenol
Concen: 42.340 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035542.D
Acq: 30 Jun 2018 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.3	84.5
63	36.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.569 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035542.D

Acq: 30 Jun 2018 14:51

Instrument :

BNA_G

ClientSampled :

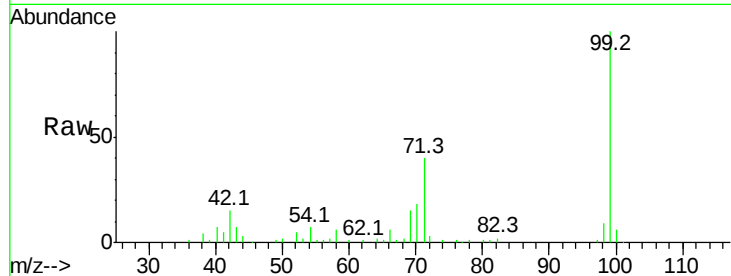
Tot Ion: 99 Resp: 72856

Ion Ratio Lower Upper

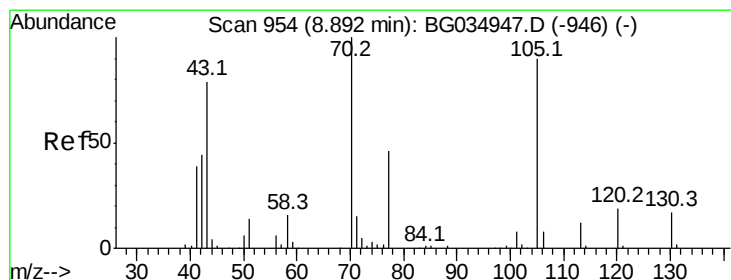
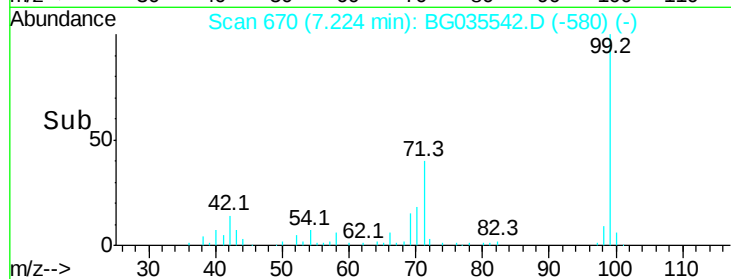
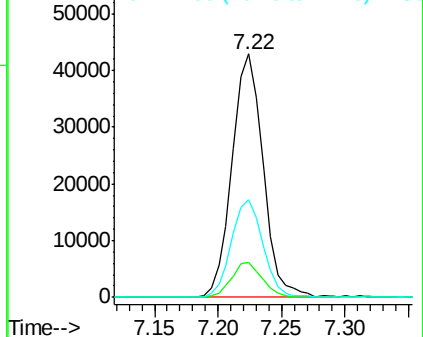
99 100

42 14.6 14.1 21.1

71 40.0 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.109 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035542.D

Acq: 30 Jun 2018 14:51

Tgt Ion: 70 Resp: 33922

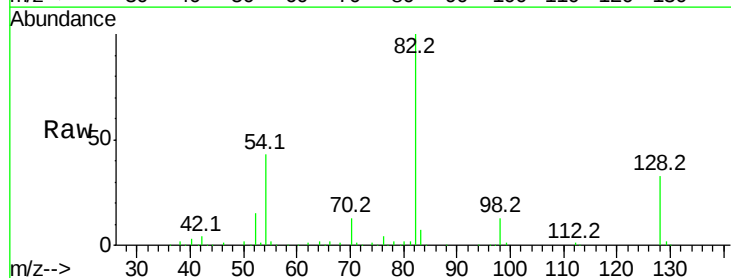
Ion Ratio Lower Upper

70 100

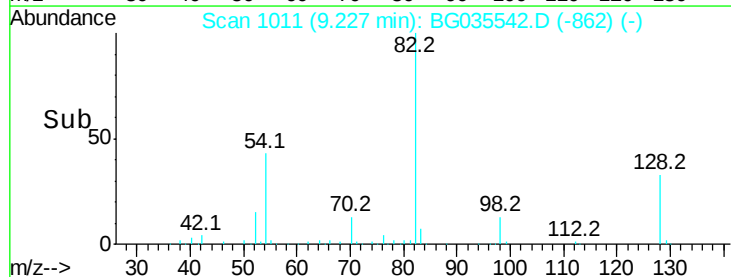
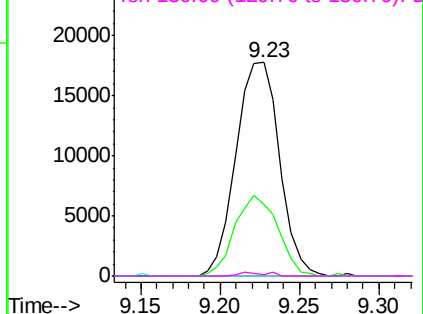
42 33.5 49.1 73.7#

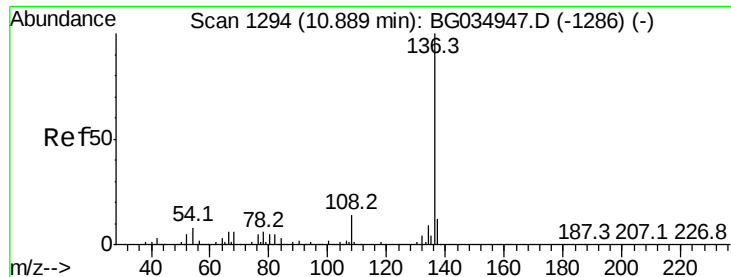
101 0.0 8.5 12.7#

130 0.9 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

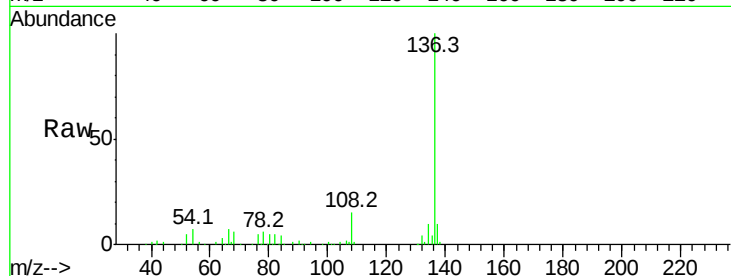




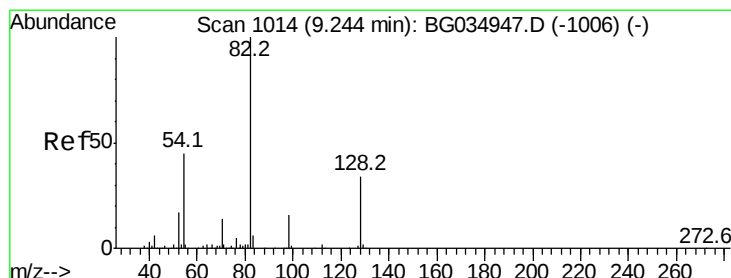
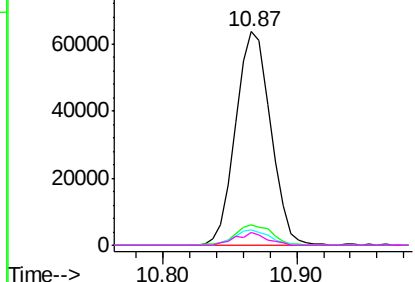
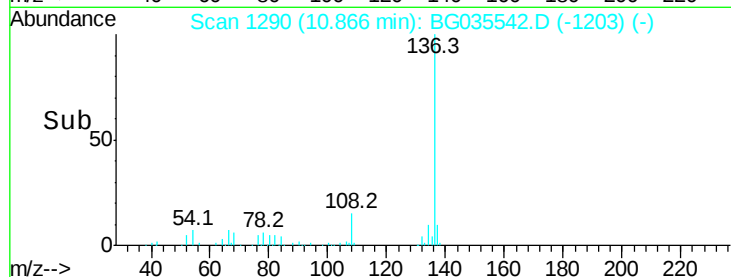
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035542.D
Acq: 30 Jun 2018 14:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	115557
Ion Ratio	Lower	Upper
136	100	
137	9.7	9.2 13.8
54	7.3	10.3 15.5#
68	6.1	4.5 6.7

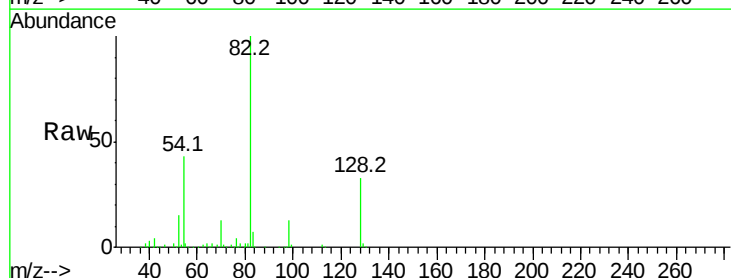


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

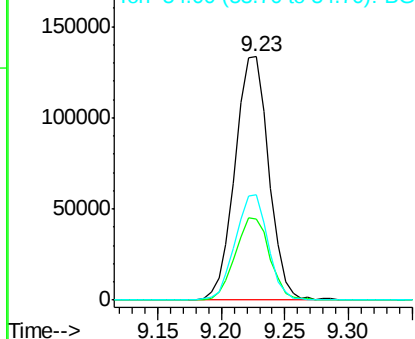
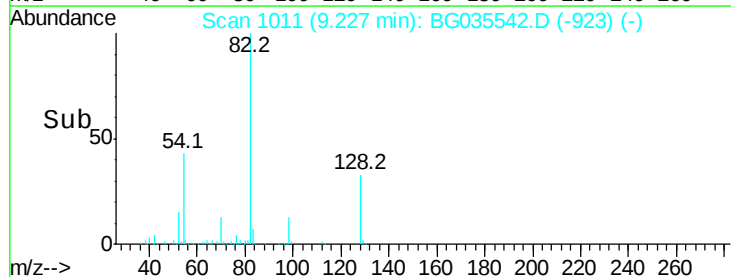


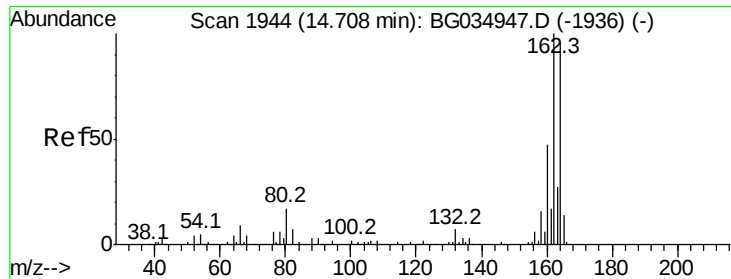
#23
Nitrobenzene-d5
Concen: 101.515 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035542.D
Acq: 30 Jun 2018 14:51

Tgt Ion: 82	Resp:	246785
Ion Ratio	Lower	Upper
82	100	
128	33.1	29.7 44.5
54	43.1	43.1 64.7#



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

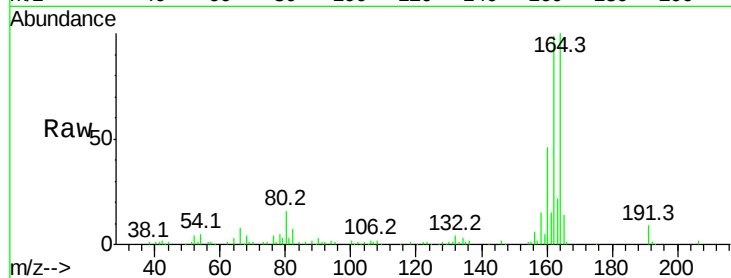




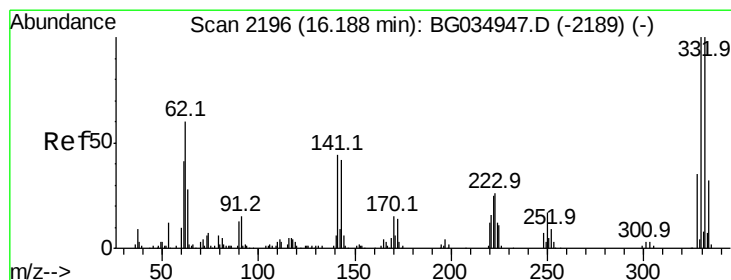
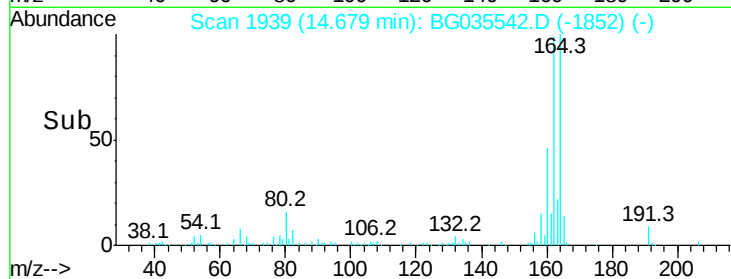
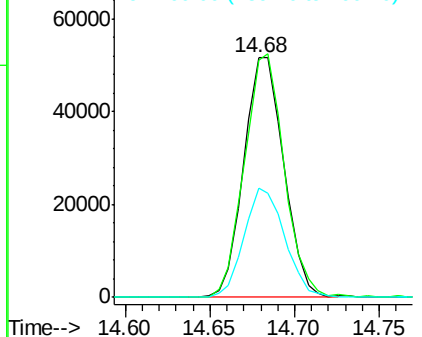
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035542.D
 Acq: 30 Jun 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 85088
 Ion Ratio Lower Upper
 164 100
 162 99.1 78.8 118.2
 160 45.6 35.4 53.0

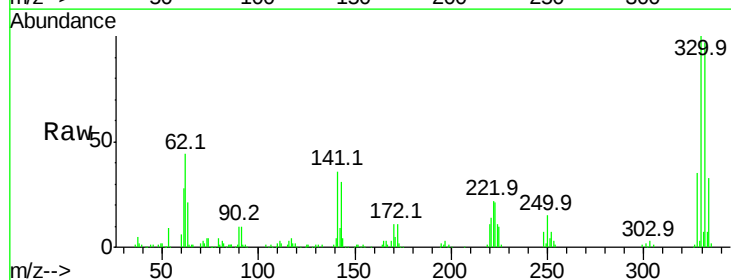


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

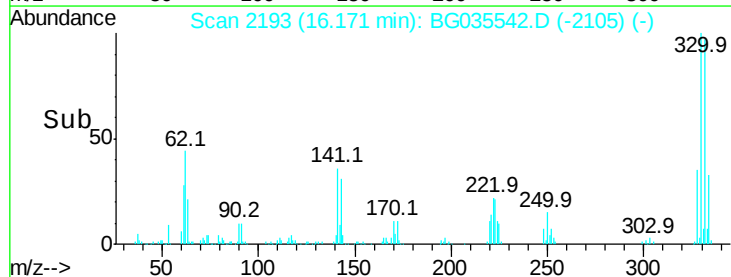
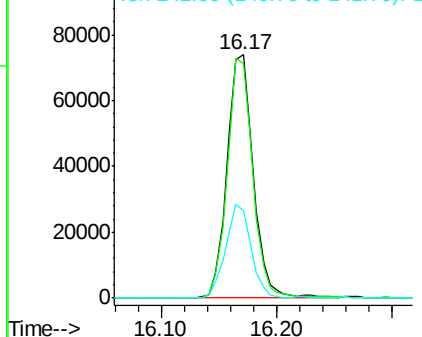


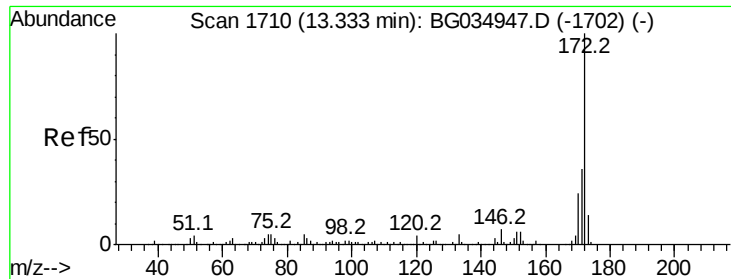
#41
 2,4,6-Tribromophenol
 Concen: 106.757 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035542.D
 Acq: 30 Jun 2018 14:51

Tgt Ion:330 Resp: 116283
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.1 25.2 37.8



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

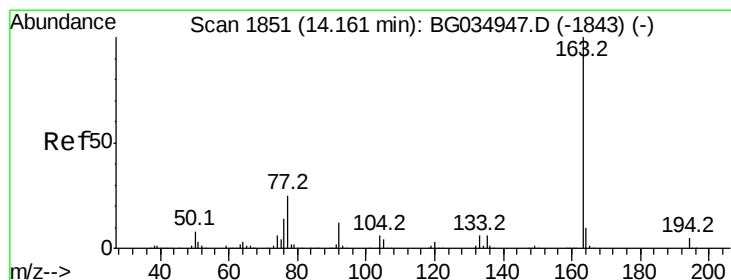
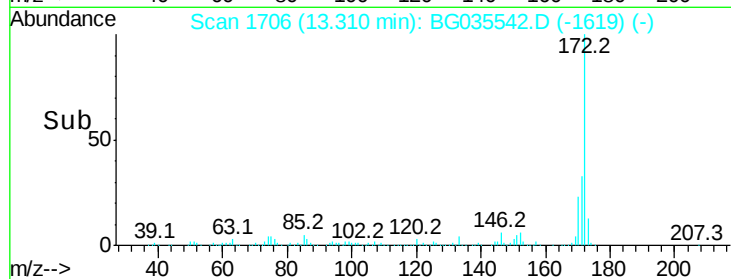
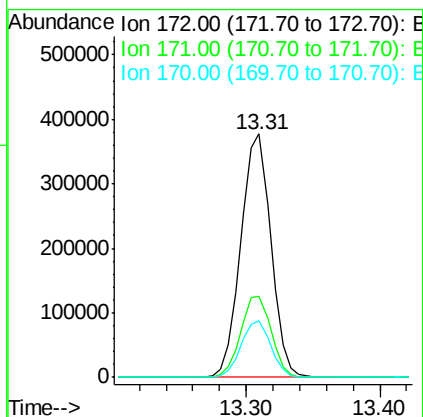
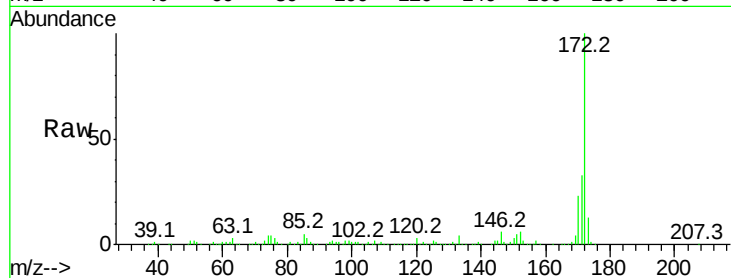




#44
2-Fluorobiphenyl
Concen: 89.563 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035542.D
Acq: 30 Jun 2018 14:51

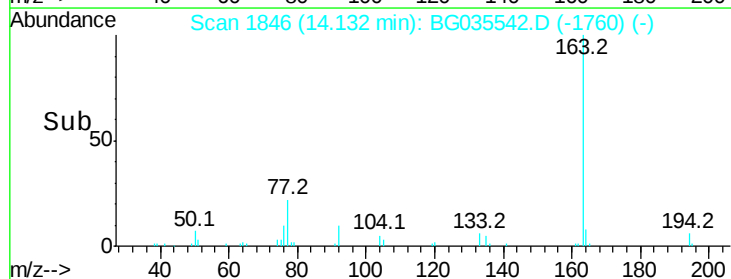
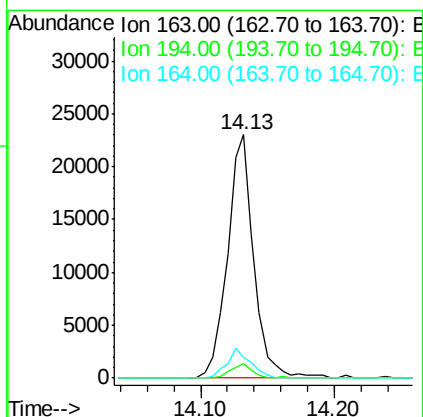
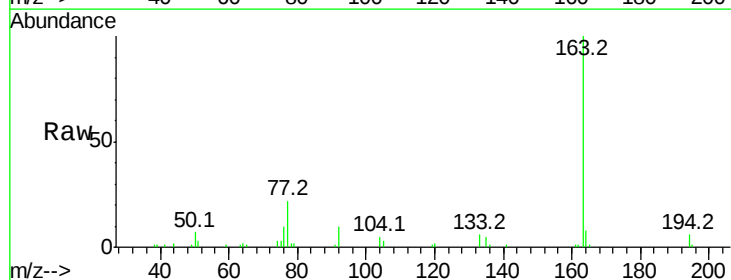
Instrument :
BNA_G
ClientSampleId :

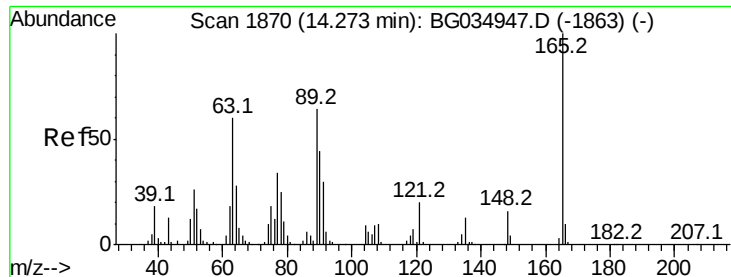
Tot Ion:172 Resp: 586212
Ion Ratio Lower Upper
172 100
171 33.2 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 4.253 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035542.D
Acq: 30 Jun 2018 14:51

Tgt Ion:163 Resp: 31559
Ion Ratio Lower Upper
163 100
194 5.8 3.4 5.2#
164 8.5 8.2 12.4

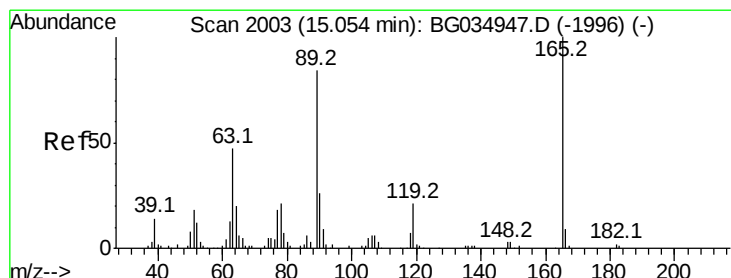
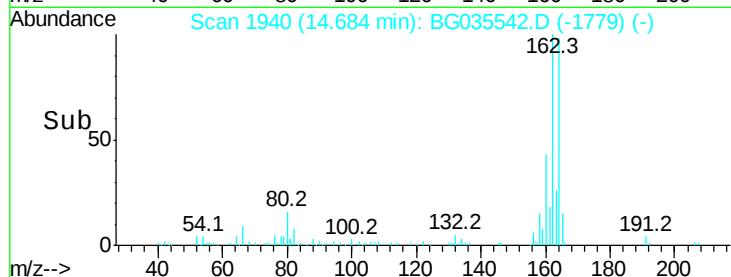
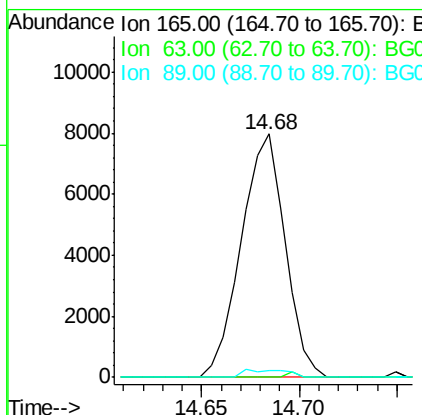
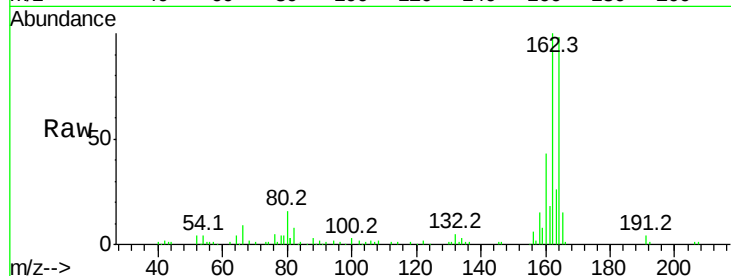




#50
 2,6-Dinitrotoluene
 Concen: 9.137 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG035542.D
 Acq: 30 Jun 2018 14:51

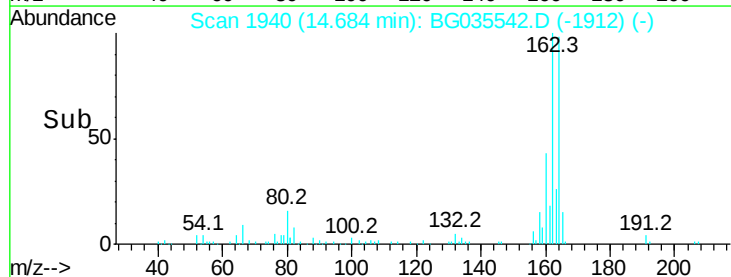
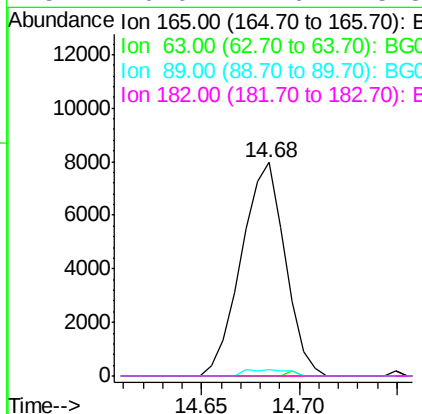
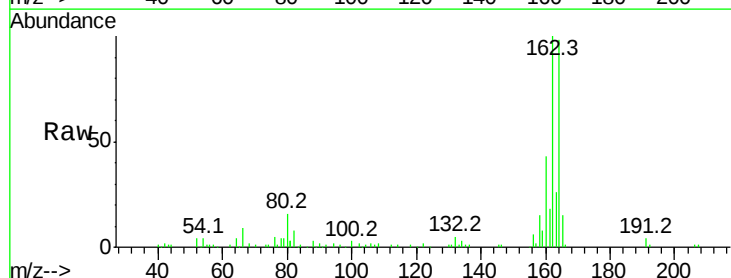
Instrument :
 BNA_G
 ClientSampleId :

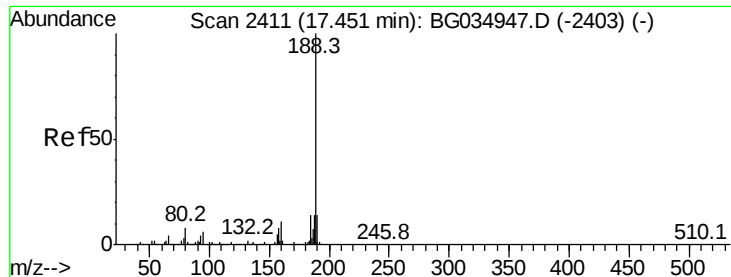
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.9	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.878 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035542.D
 Acq: 30 Jun 2018 14:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.9	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035542.D

Acq: 30 Jun 2018 14:51

Instrument :

BNA_G

ClientSampleId :

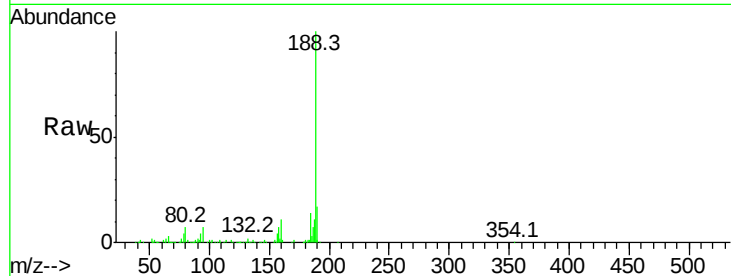
Tot Ion:188 Resp: 241074

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

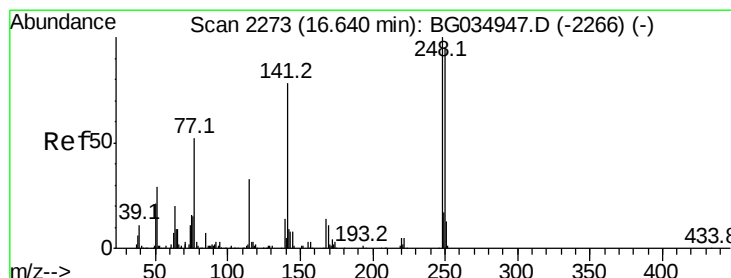
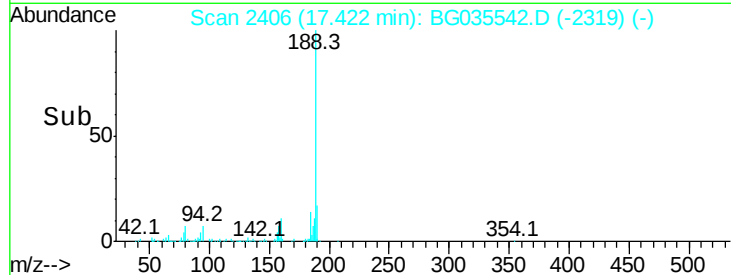
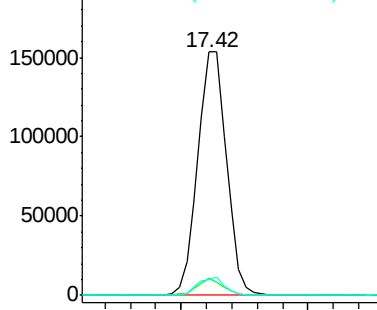
80 6.7 7.7 11.5#



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



#66

4-Bromophenyl-phenylether

Concen: 3.038 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035542.D

Acq: 30 Jun 2018 14:51

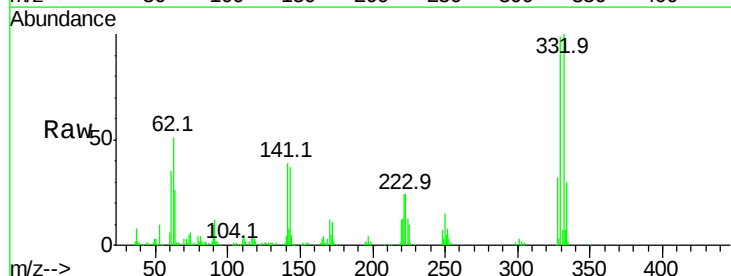
Tgt Ion:248 Resp: 8820

Ion Ratio Lower Upper

248 100

250 218.0 77.1 115.7#

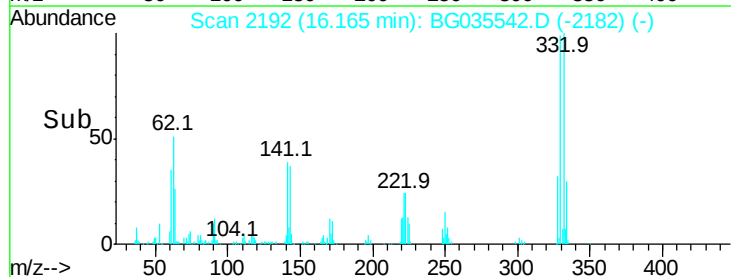
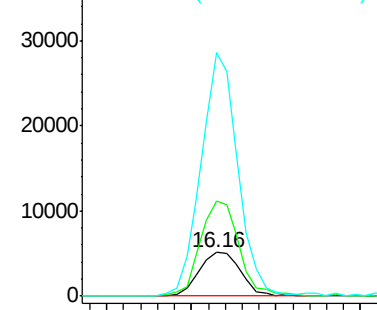
141 559.0 50.8 76.2#

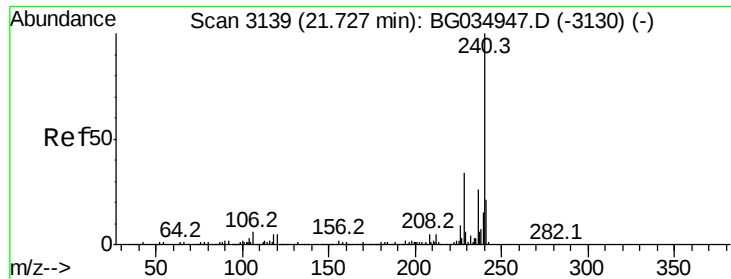


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035542.D

Acq: 30 Jun 2018 14:51

Instrument :

BNA_G

ClientSampleId :

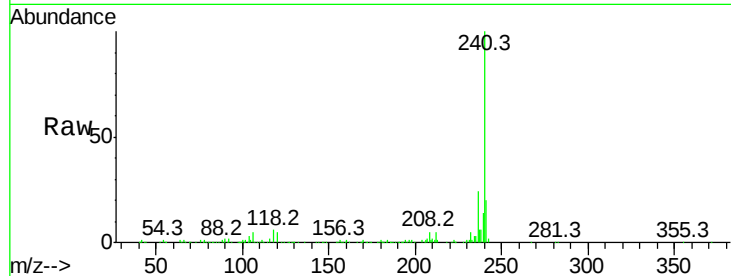
Tot Ion:240 Resp: 269980

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

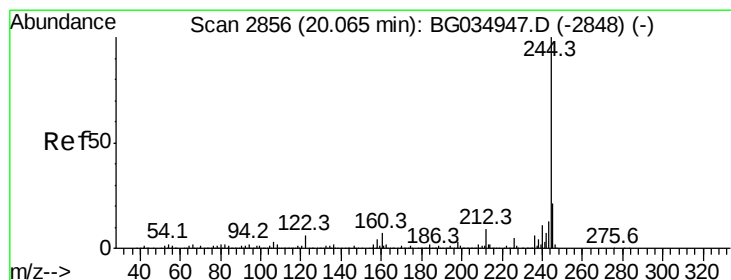
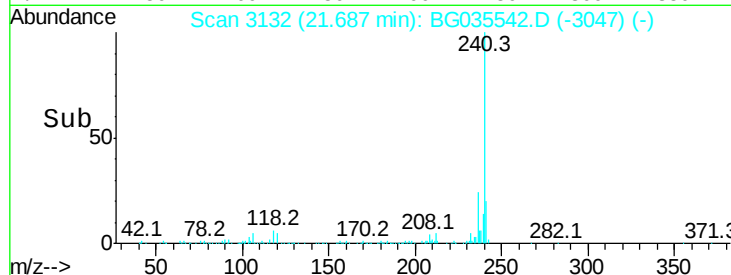
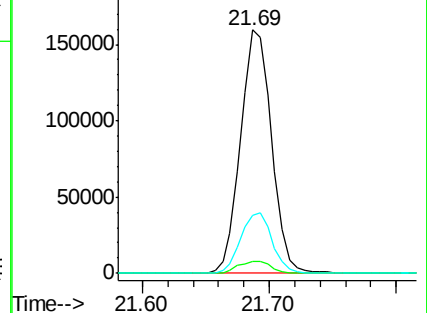
236 23.9 20.9 31.3



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: 88.005 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035542.D

Acq: 30 Jun 2018 14:51

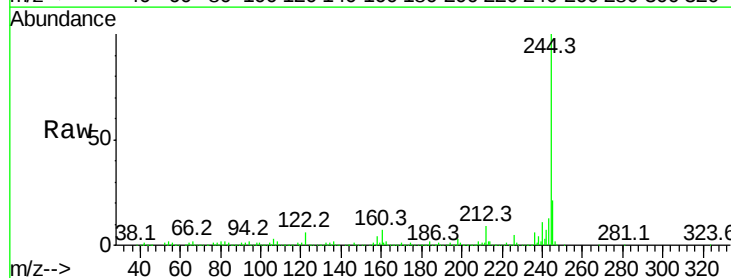
Tgt Ion:244 Resp: 1134283

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

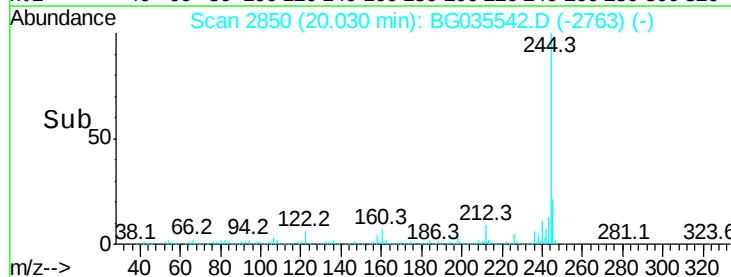
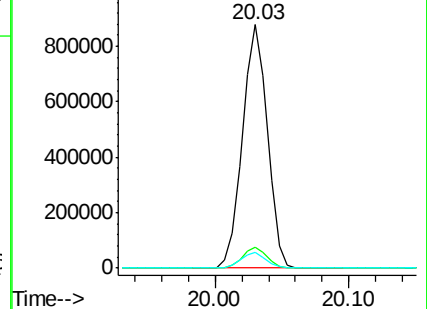
122 6.5 7.0 10.4#

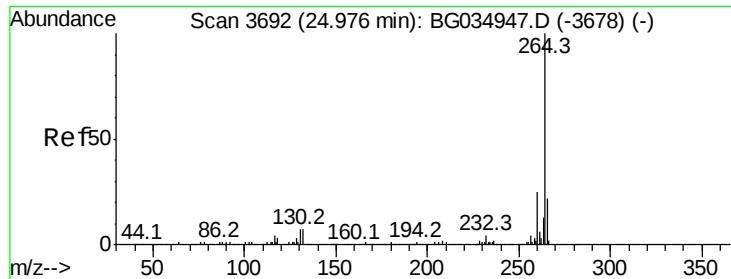


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

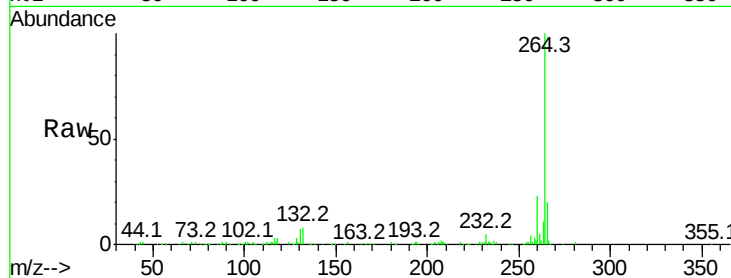




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035542.D
 Acq: 30 Jun 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.3	17.7	26.5



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

