

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035537.D
 Acq On : 30 Jun 2018 11:38
 Operator : JU/SJ
 Sample : J3757-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 01:43:23 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

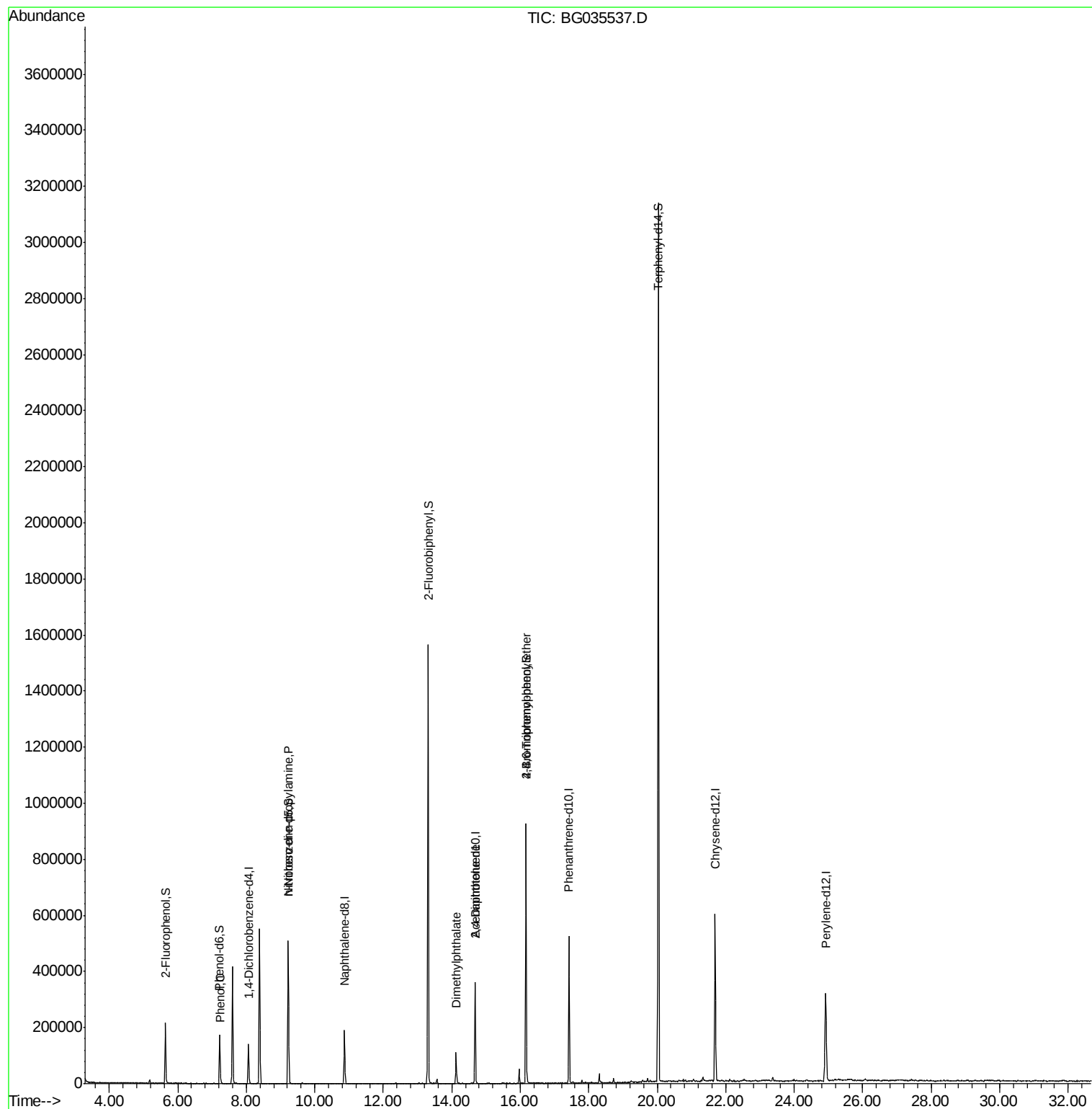
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	40258	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	159845	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	124091	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	349420	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	369782	20.00	ng	-0.02
86) Perylene-d12	24.92	264	353054	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	98056	41.10	ng	0.00
7) Phenol-d6	7.22	99	106254	30.18	ng	0.00
23) Nitrobenzene-d5	9.23	82	335340	99.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	178326	112.26	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	835358	87.51	ng	-0.02
78) Terphenyl-d14	20.03	244	1551916	87.91	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	8617	2.365	ng	87
19) n-Nitroso-di-n-propylamine	9.23	70	44823	14.985	ng	# 69
49) Dimethylphthalate	14.13	163	77134	7.128	ng	97
56) 2,4-Dinitrotoluene	14.68	165	16355	6.237	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	13582	3.228	ng	# 1

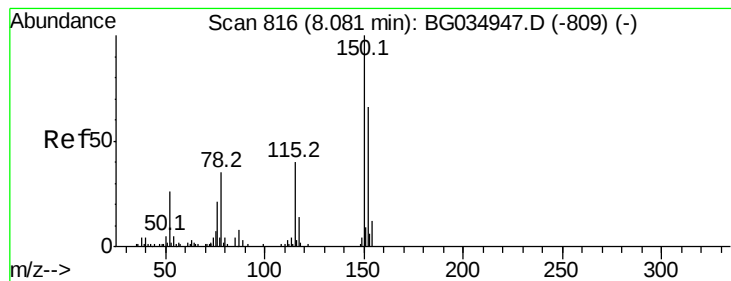
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
Data File : BG035537.D
Acq On : 30 Jun 2018 11:38
Operator : JU/SJ
Sample : J3757-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 02 01:43:23 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



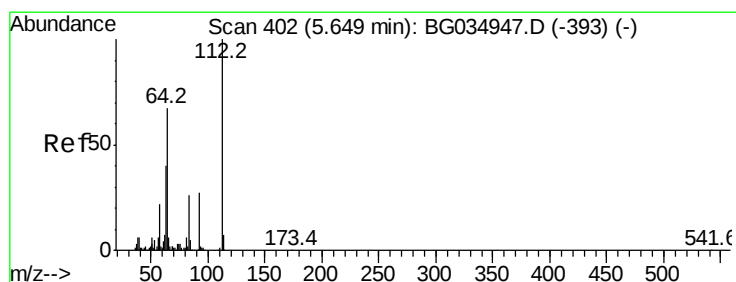
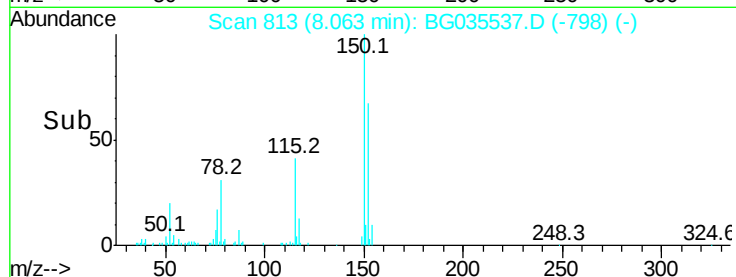
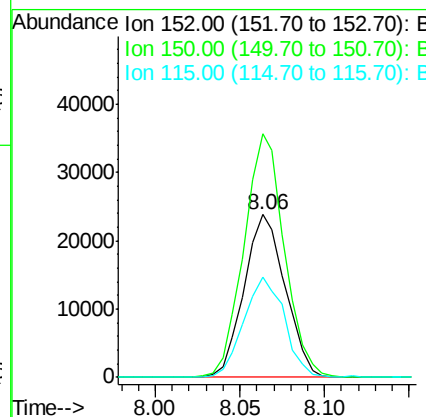
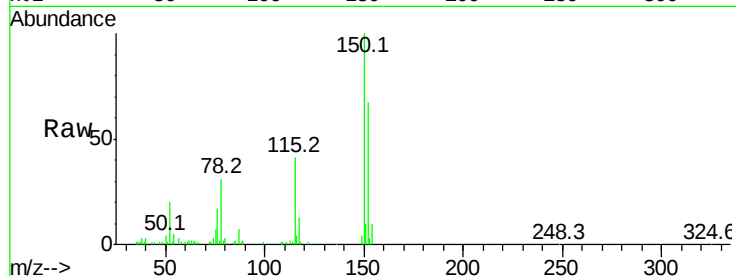


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035537.D
Acq: 30 Jun 2018 11:38

Instrument :
BNA_G
ClientSampleId :

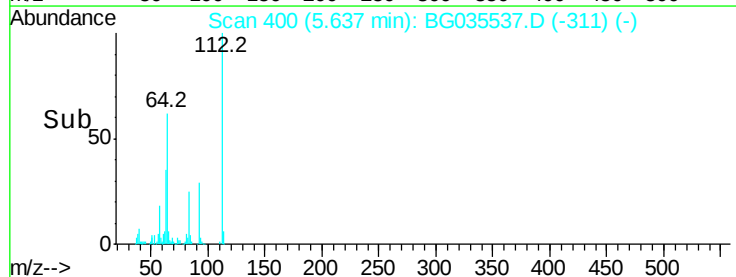
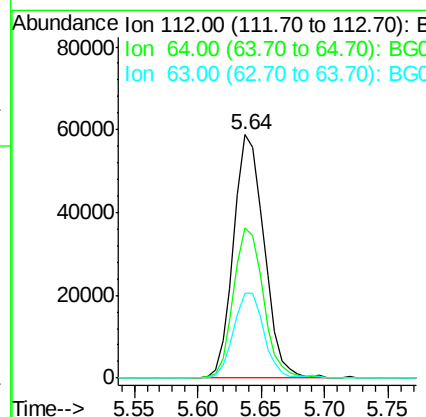
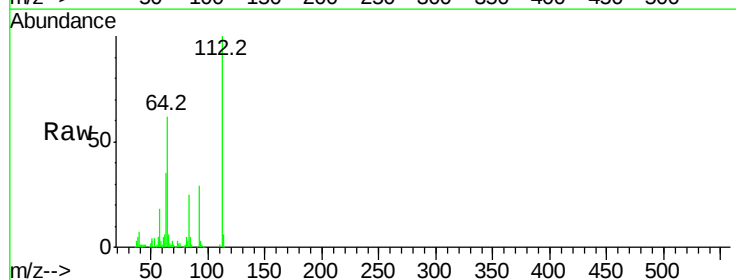
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	126.6	189.8
115	61.8	53.0	79.4

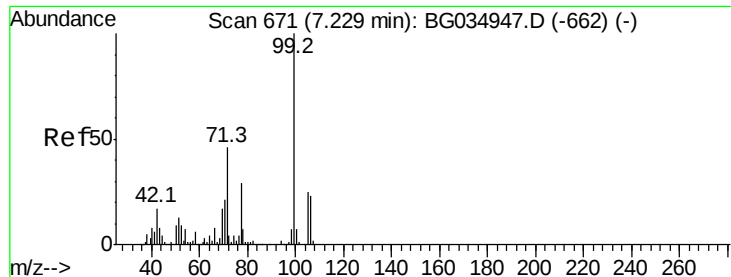


#5

2-Fluorophenol
Concen: 41.105 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035537.D
Acq: 30 Jun 2018 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	56.3	84.5
63	34.7	30.1	45.1





#7

Phenol-d6

Concen: 30.178 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

Instrument :

BNA_G

ClientSampled :

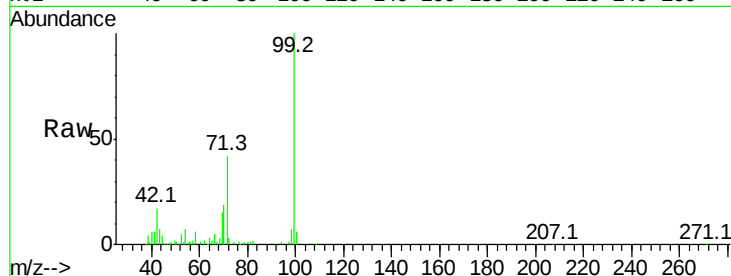
Tot Ion: 99 Resp: 106254

Ion Ratio Lower Upper

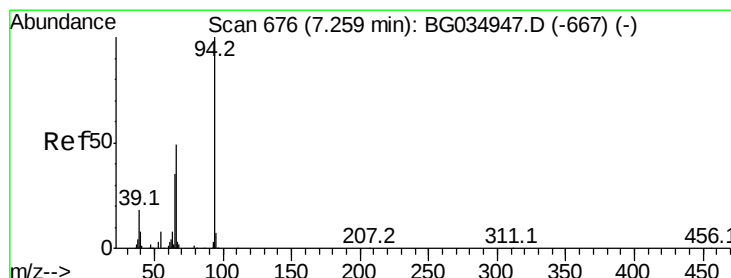
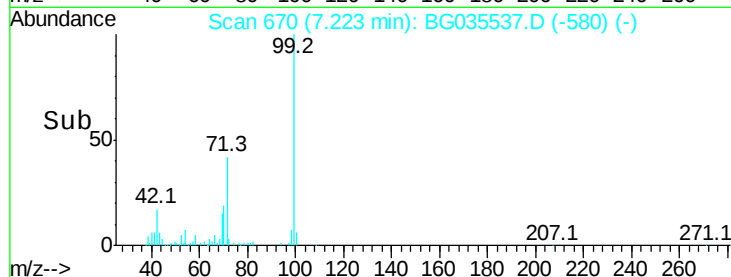
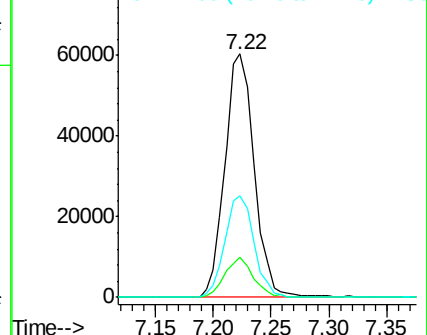
99 100

42 16.5 14.1 21.1

71 41.6 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



#10

Phenol

Concen: 2.365 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

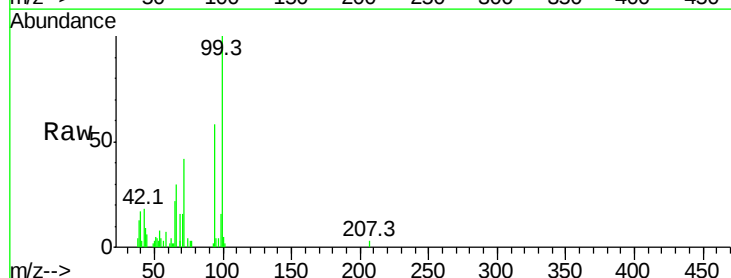
Tgt Ion: 94 Resp: 8617

Ion Ratio Lower Upper

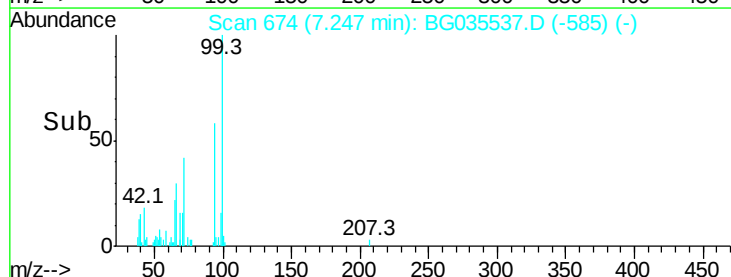
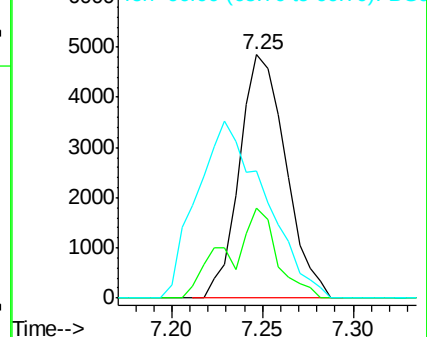
94 100

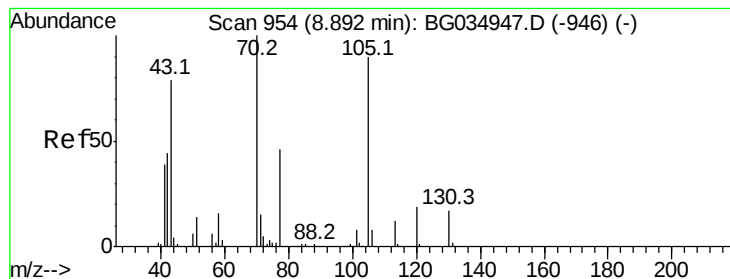
65 37.0 11.9 51.9

66 52.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 14.985 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 44823

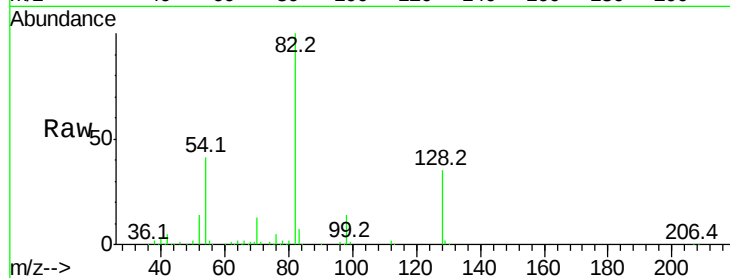
Ion Ratio Lower Upper

70 100

42 37.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.5 13.4 20.0#

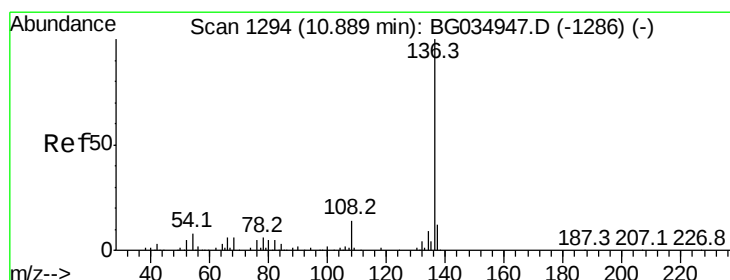
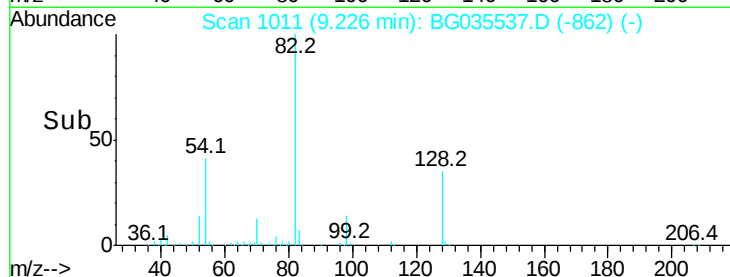
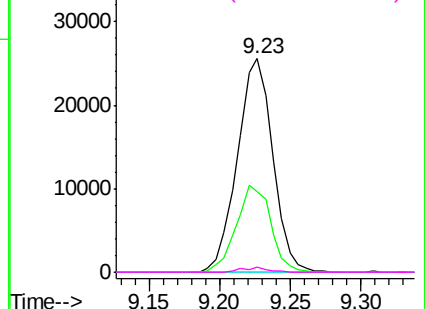


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG035537.D

Acq: 30 Jun 2018 11:38

Tgt Ion: 136 Resp: 159845

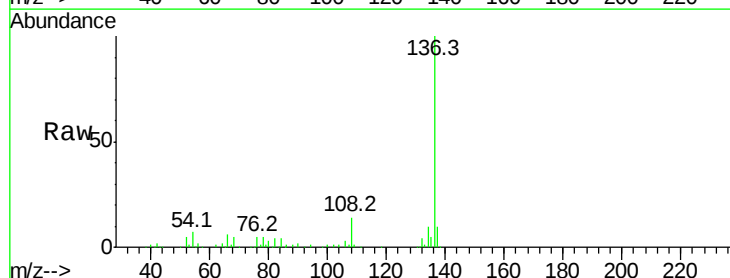
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.5 10.3 15.5#

68 5.2 4.5 6.7

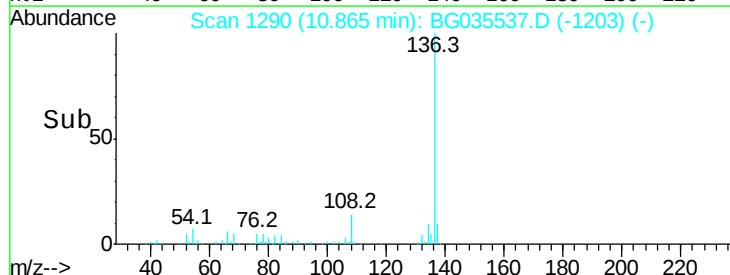
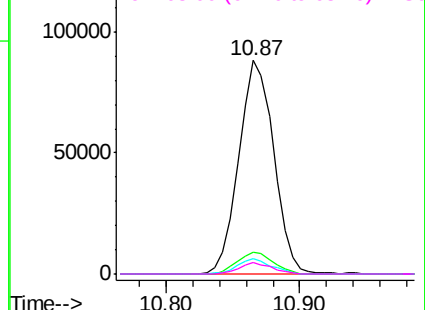


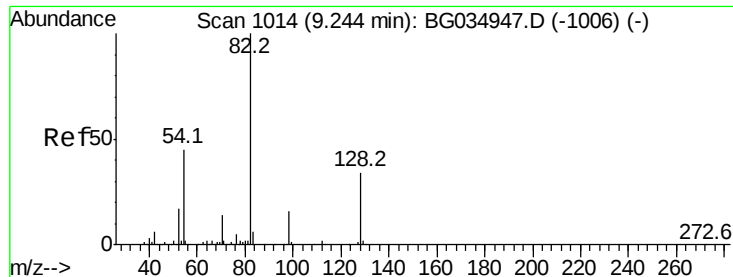
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

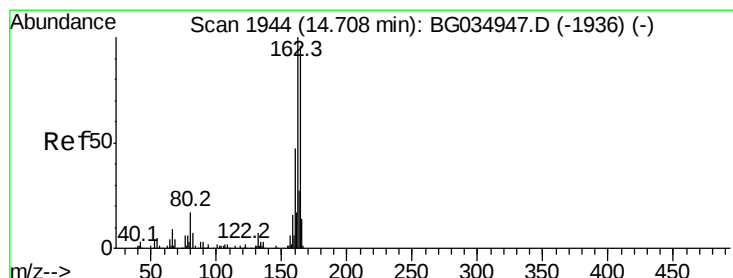
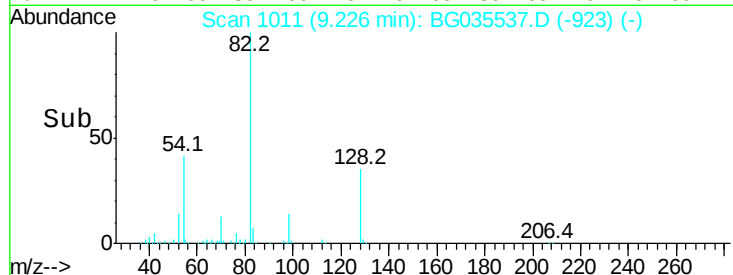
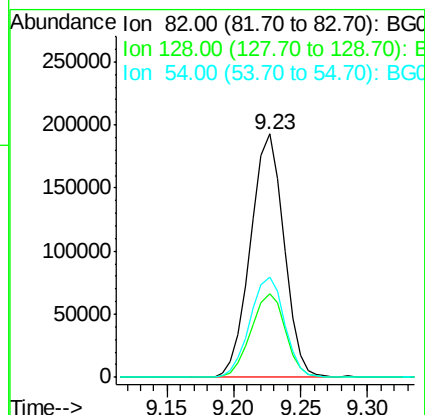
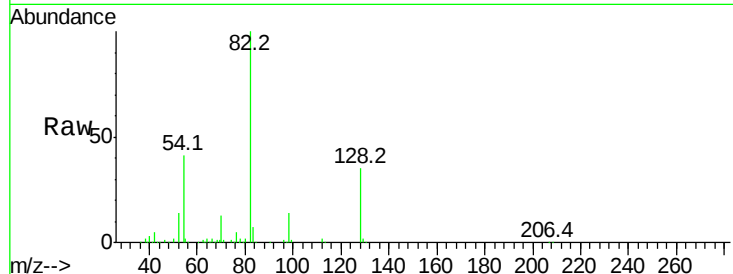




#23
 Nitrobenzene-d5
 Concen: 99.723 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035537.D
 Acq: 30 Jun 2018 11:38

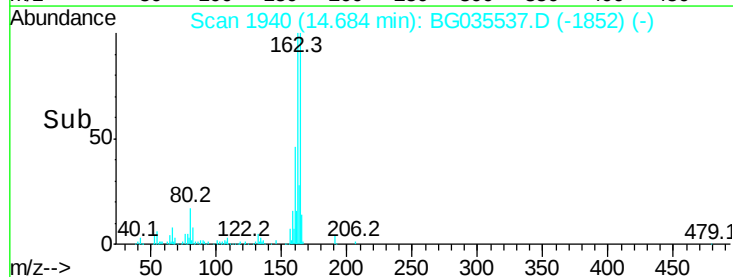
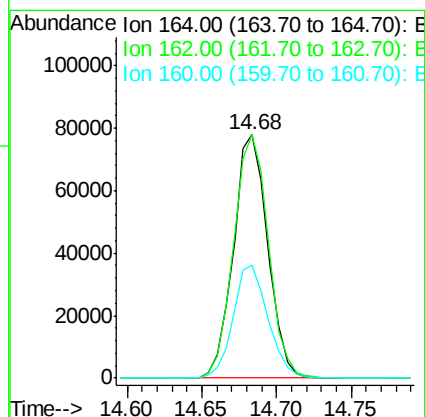
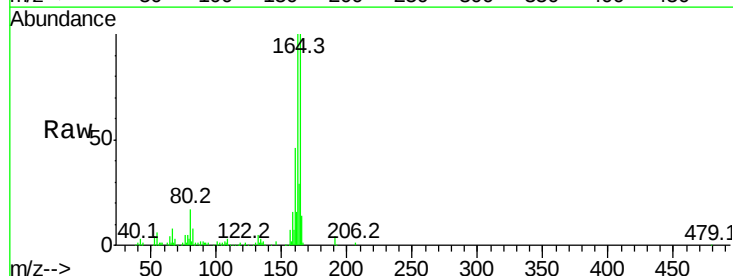
Instrument :
 BNA_G
 ClientSampled :

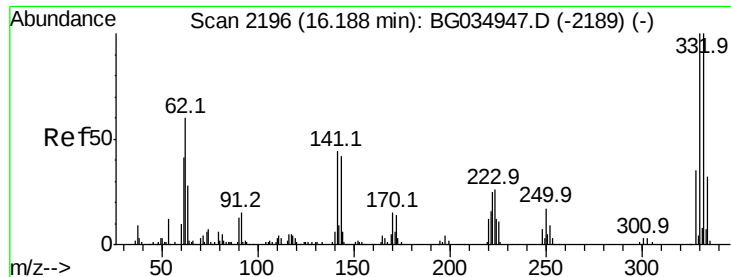
Tot Ion	82	Resp	335340
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	41.2	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035537.D
 Acq: 30 Jun 2018 11:38

Tgt Ion	164	Resp	124091
Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.8	118.2
160	46.3	35.4	53.0

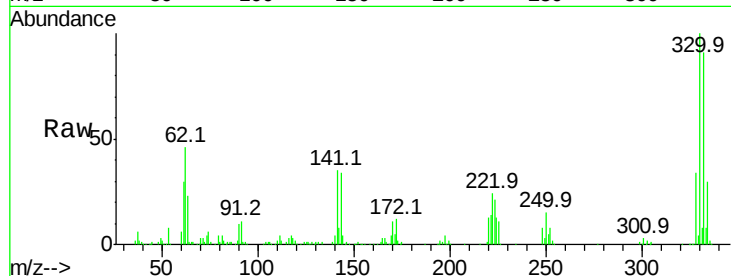




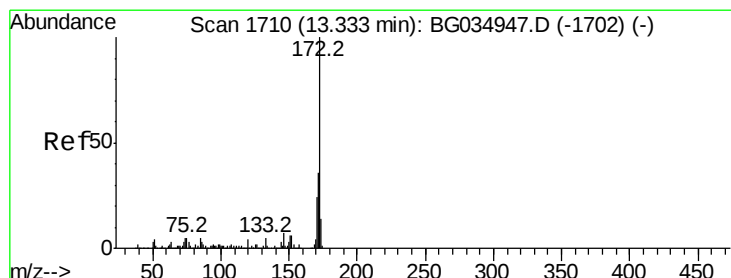
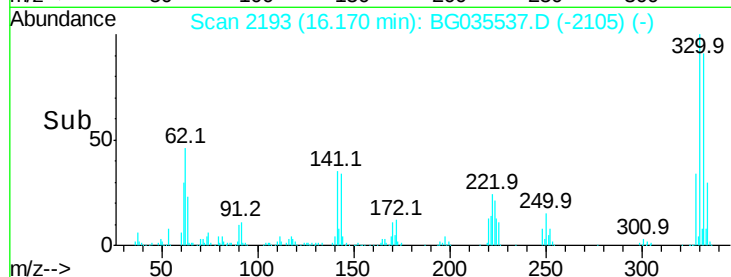
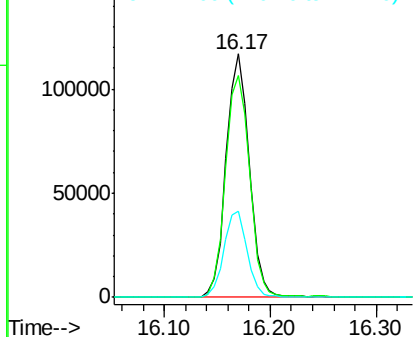
#41
 2,4,6-Tribromophenol
 Concen: 112.259 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035537.D
 Acq: 30 Jun 2018 11:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.5	25.2	37.8

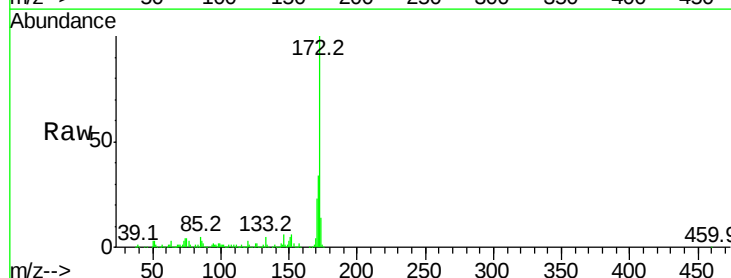


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

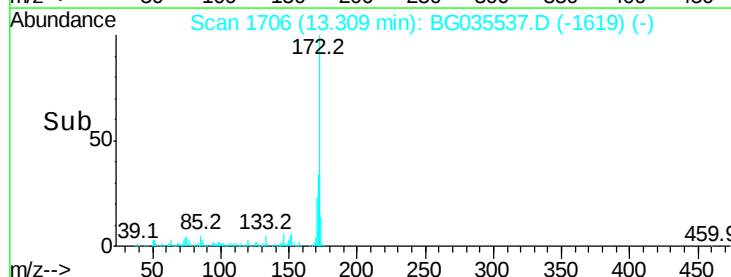
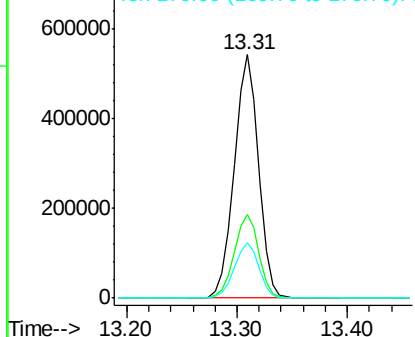


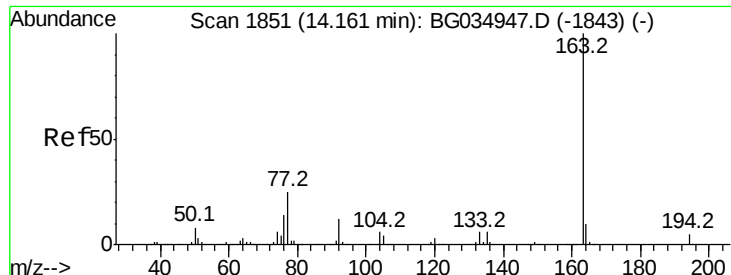
#44
 2-Fluorobiphenyl
 Concen: 87.513 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035537.D
 Acq: 30 Jun 2018 11:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.0	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.128 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

Instrument :

BNA_G

ClientSampleId :

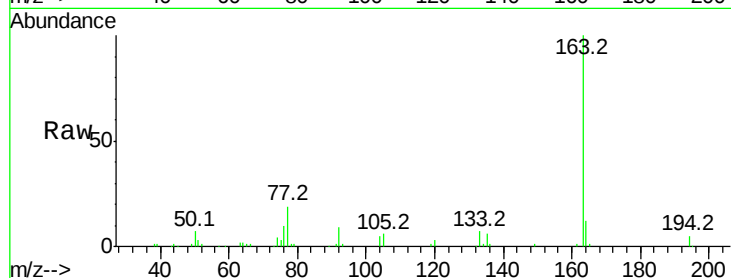
Tot Ion:163 Resp: 77134

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

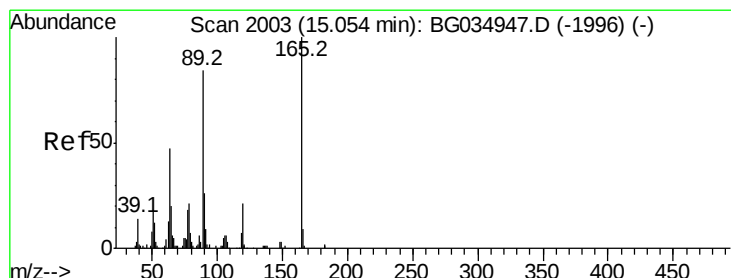
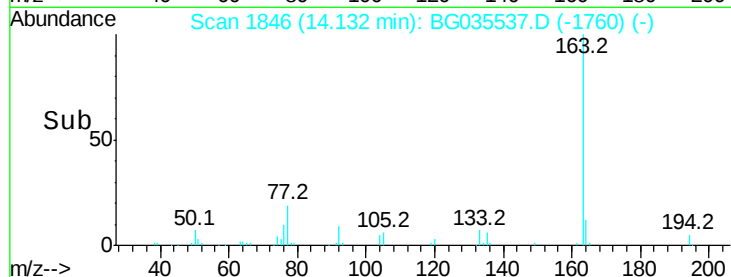
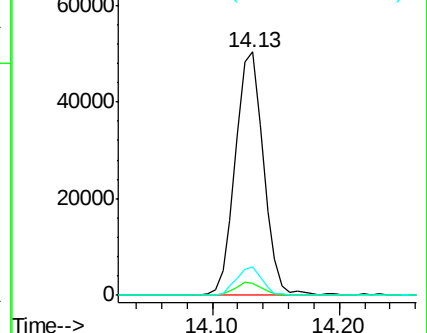
164 11.8 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.237 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.37 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

Tgt Ion:165 Resp: 16355

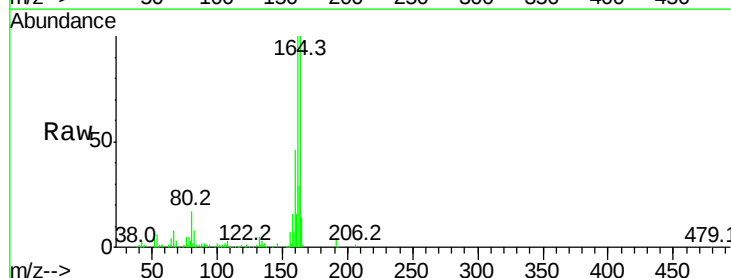
Ion Ratio Lower Upper

165 100

63 2.7 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

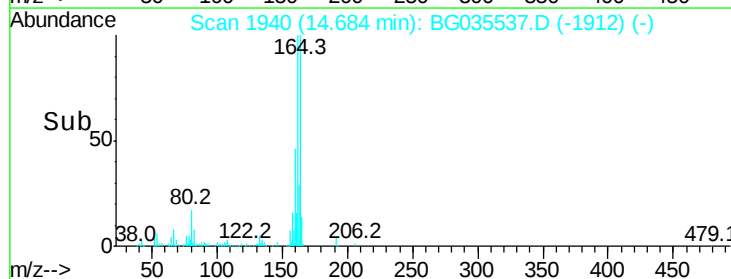
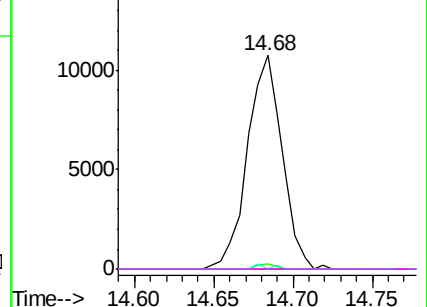


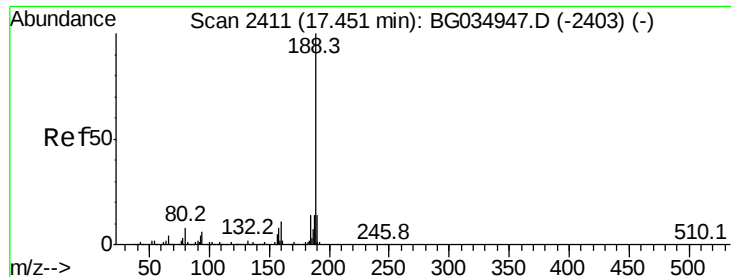
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

Instrument :

BNA_G

ClientSampleId :

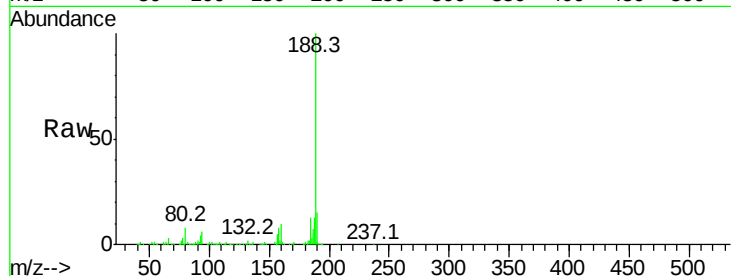
Tot Ion:188 Resp: 349420

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

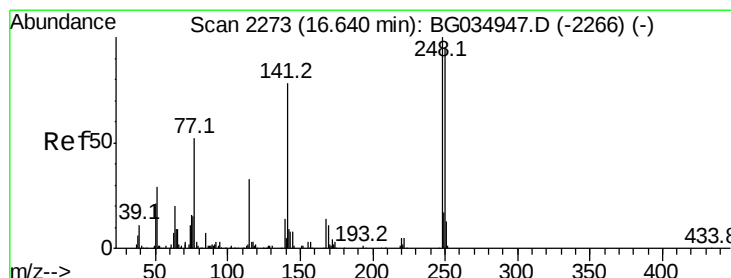
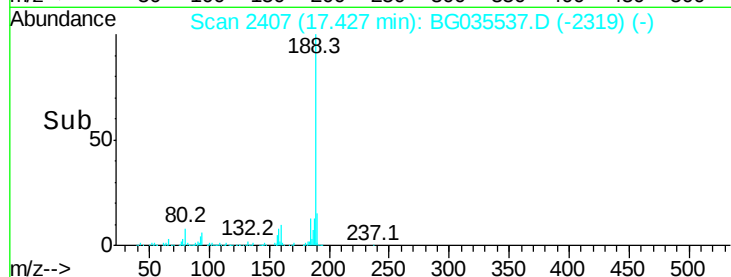
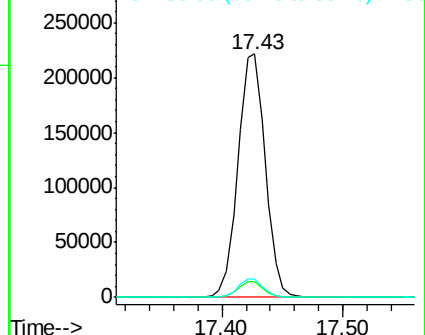
80 7.6 7.7 11.5#



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: 3.228 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.47 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

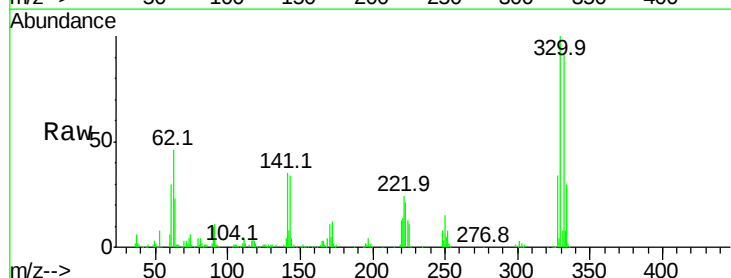
Tgt Ion:248 Resp: 13582

Ion Ratio Lower Upper

248 100

250 191.5 77.1 115.7#

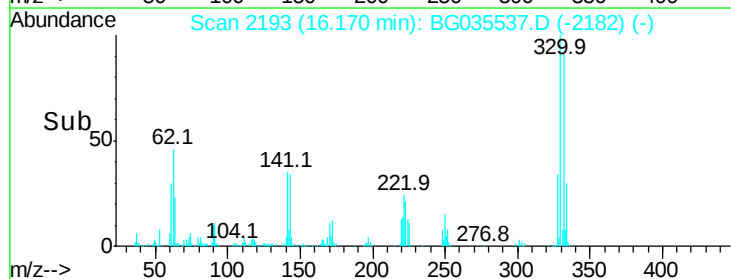
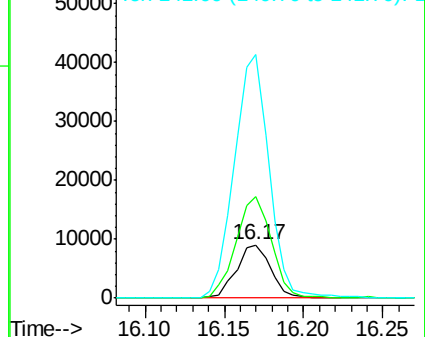
141 457.9 50.8 76.2#

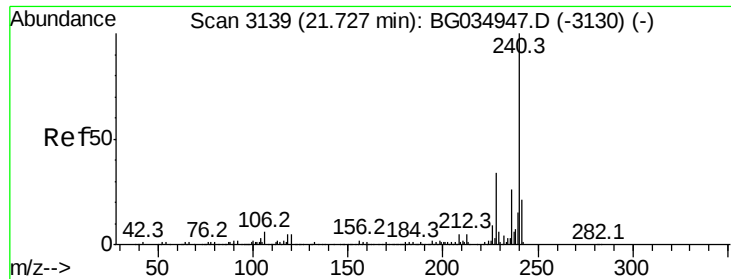


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3133

Delta R.T. -0.02 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

Instrument :

BNA_G

ClientSampleId :

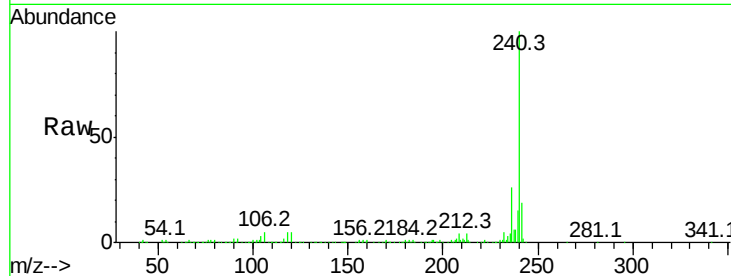
Tot Ion:240 Resp: 369782

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

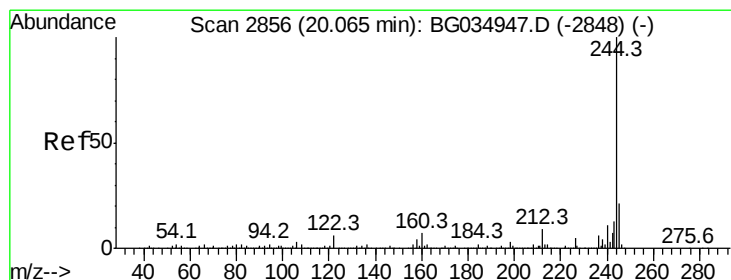
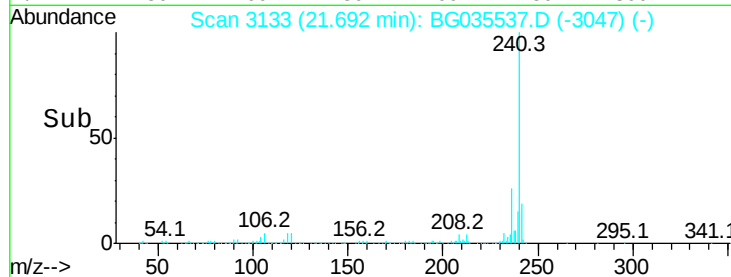
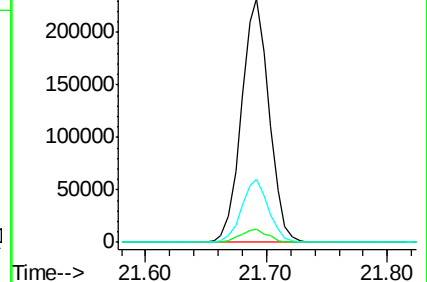
236 25.7 20.9 31.3



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: 87.910 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035537.D

Acq: 30 Jun 2018 11:38

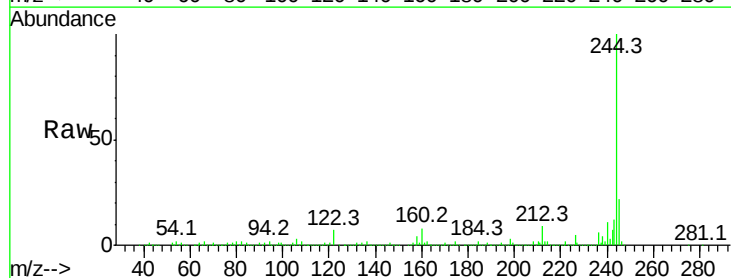
Tgt Ion:244 Resp: 1551916

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

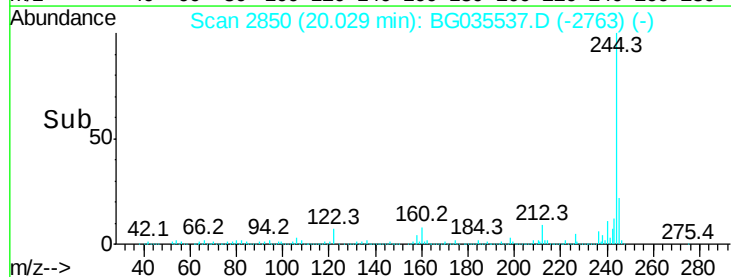
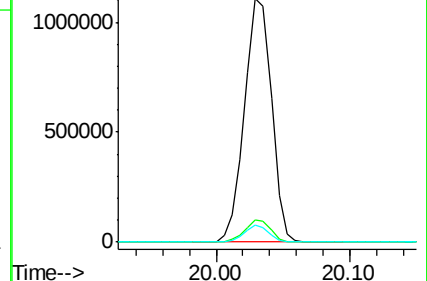
122 6.8 7.0 10.4#

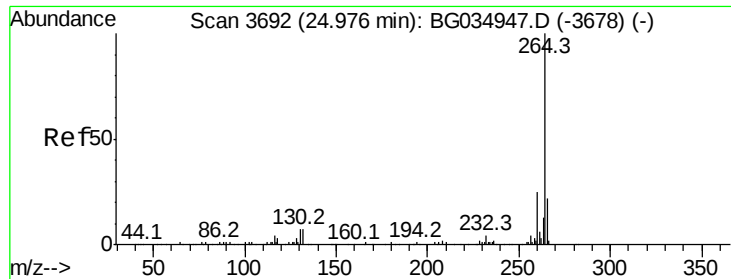


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

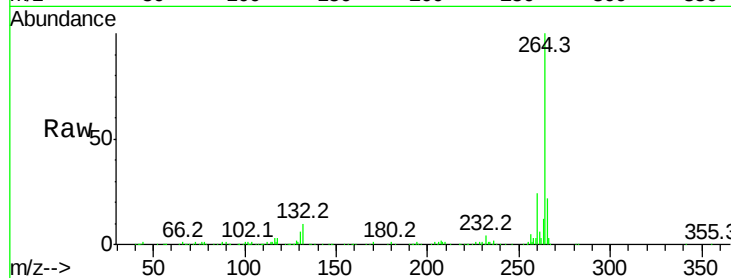




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035537.D
 Acq: 30 Jun 2018 11:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.1	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

