

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035540.D
 Acq On : 30 Jun 2018 13:34
 Operator : JU/SJ
 Sample : J3757-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 02:28:24 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	31373	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	121260	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	88218	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	251766	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	271941	20.00	ng	-0.03
86) Perylene-d12	24.91	264	258569	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	74136	39.88	ng	0.00
7) Phenol-d6	7.22	99	68185	24.85	ng	0.00
23) Nitrobenzene-d5	9.22	82	250452	98.18	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	115609	102.37	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	614777	90.59	ng	-0.02
78) Terphenyl-d14	20.03	244	1089132	83.89	ng	-0.02

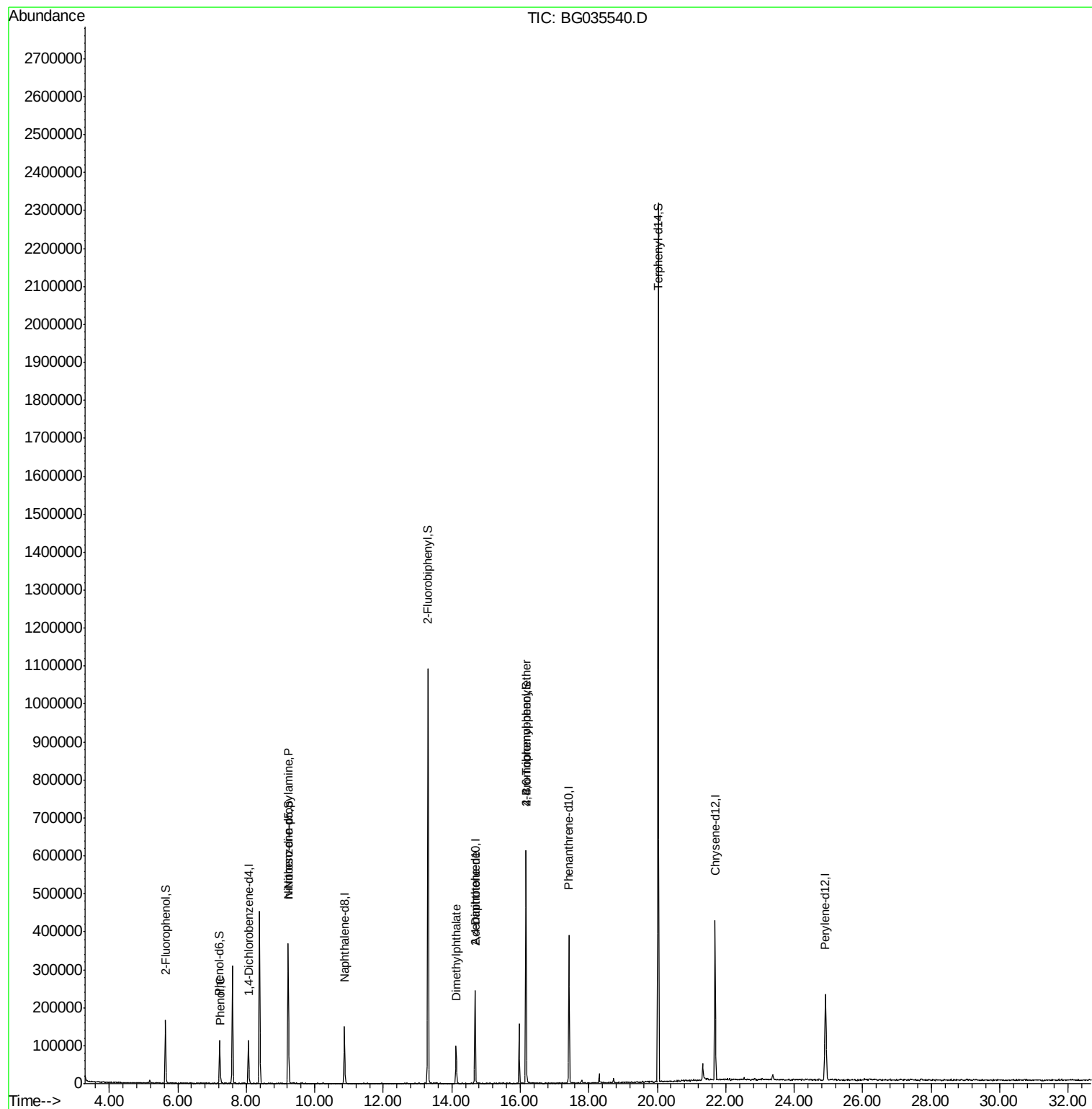
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.25	94	7619	2.683	ng	96
19) n-Nitroso-di-n-propylamine	9.22	70	33931	14.556	ng	# 72
49) Dimethylphthalate	14.13	163	68651	8.924	ng	99
56) 2,4-Dinitrotoluene	14.68	165	11368	6.098	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	8901	2.936	ng	# 1

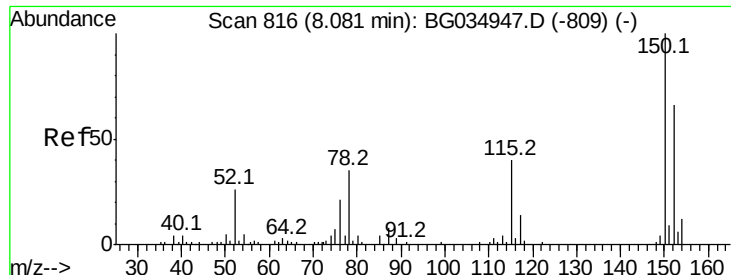
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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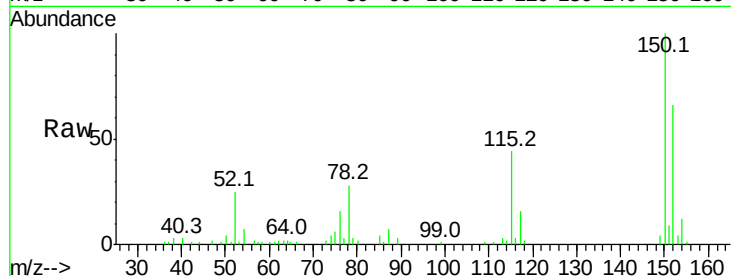


#1

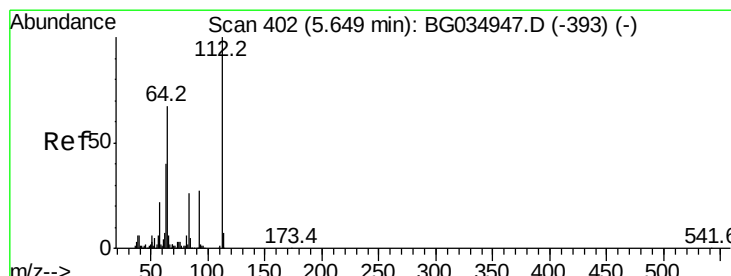
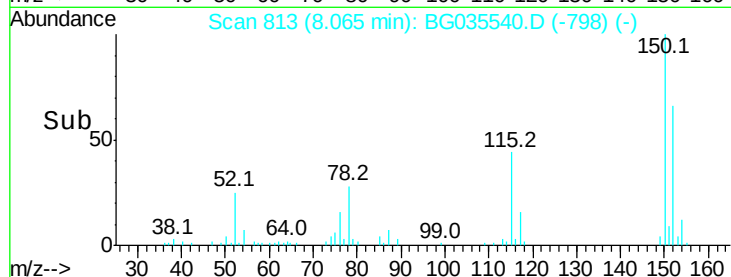
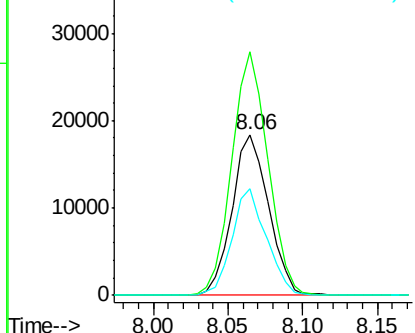
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035540.D
Acq: 30 Jun 2018 13:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31373
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 66.6 53.0 79.4



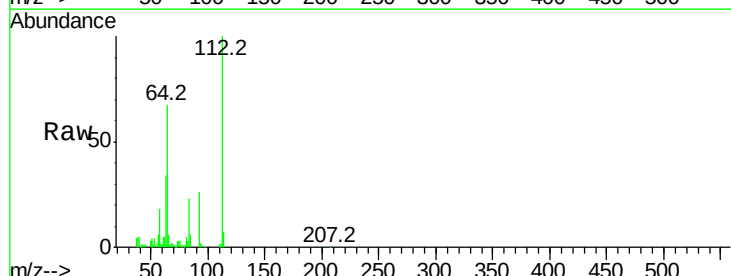
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



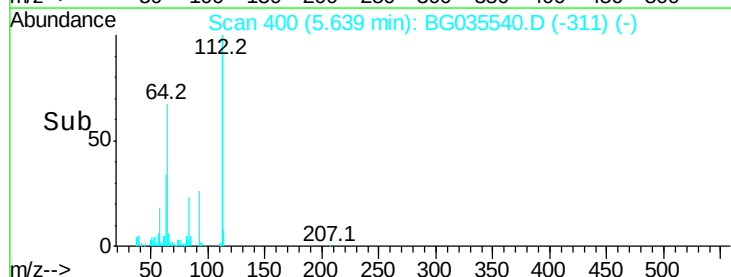
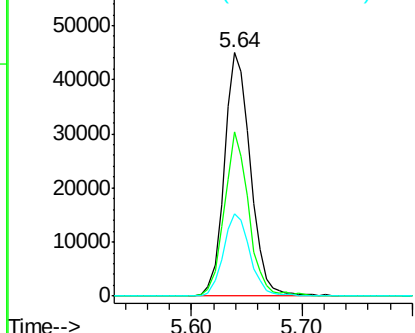
#5

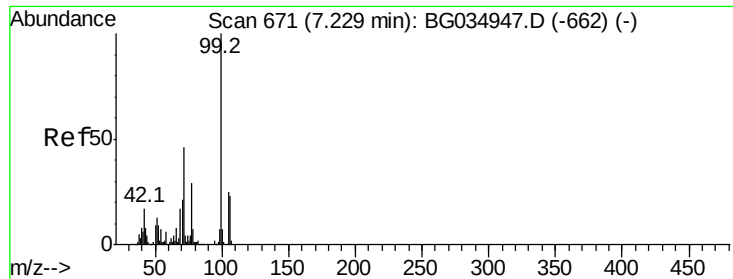
2-Fluorophenol
Concen: 39.879 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035540.D
Acq: 30 Jun 2018 13:34

Tgt Ion:112 Resp: 74136
Ion Ratio Lower Upper
112 100
64 67.5 56.3 84.5
63 34.0 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: 24.851 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035540.D

Acq: 30 Jun 2018 13:34

Instrument :

BNA_G

ClientSampleId :

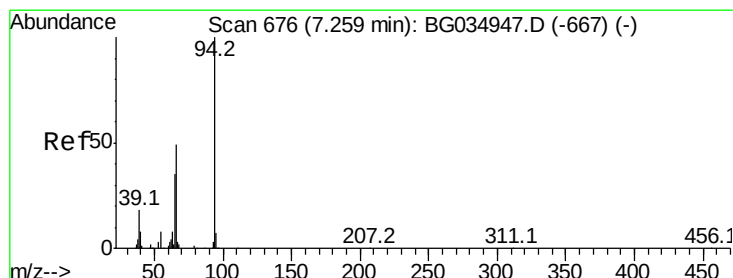
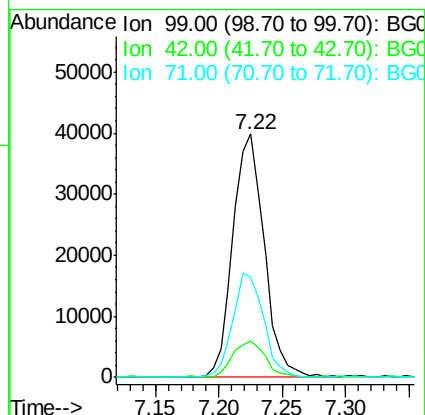
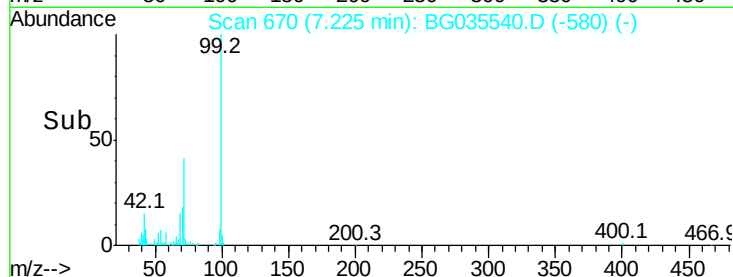
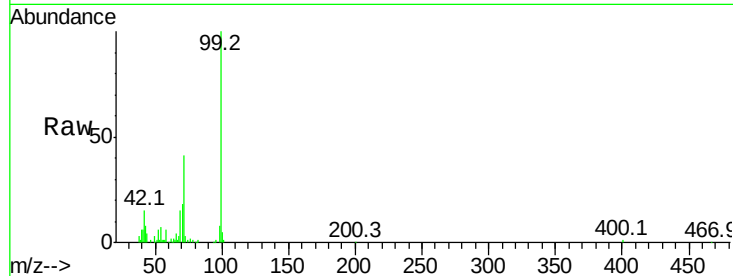
Tot Ion: 99 Resp: 68185

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

71 41.1 26.1 39.1#



#10

Phenol

Concen: 2.683 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035540.D

Acq: 30 Jun 2018 13:34

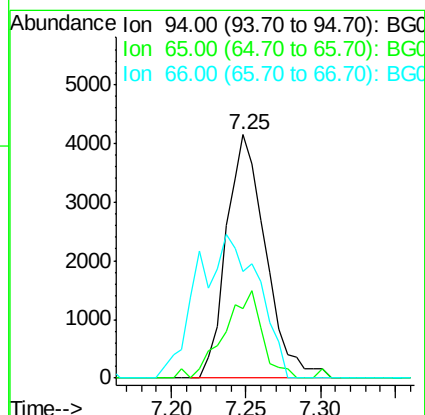
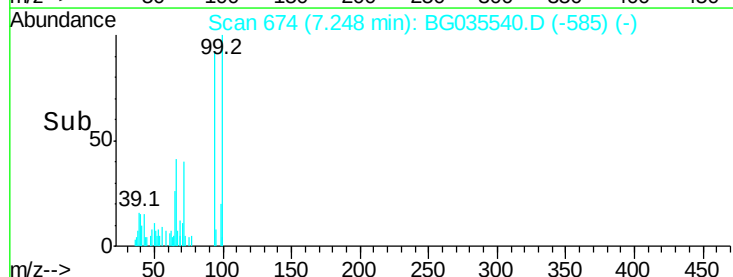
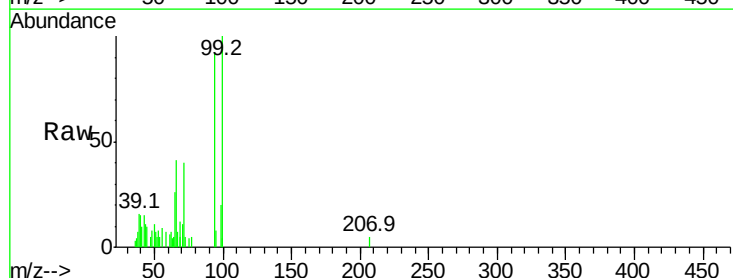
Tgt Ion: 94 Resp: 7619

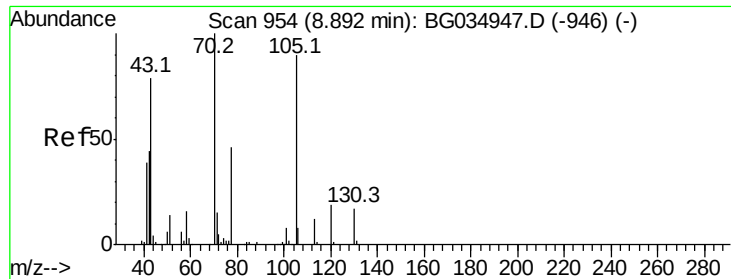
Ion Ratio Lower Upper

94 100

65 28.6 11.9 51.9

66 44.0 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.556 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035540.D

Acq: 30 Jun 2018 13:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 33931

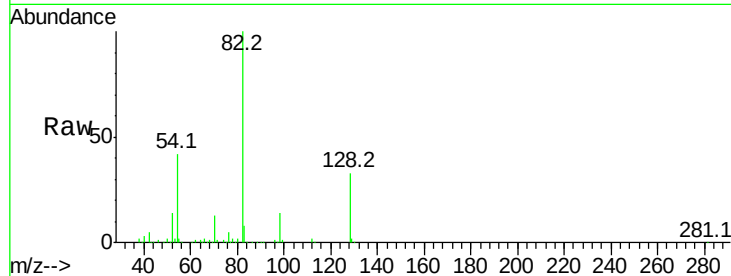
Ion Ratio Lower Upper

70 100

42 41.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#

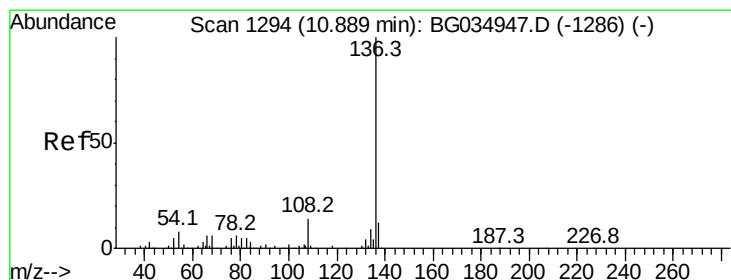
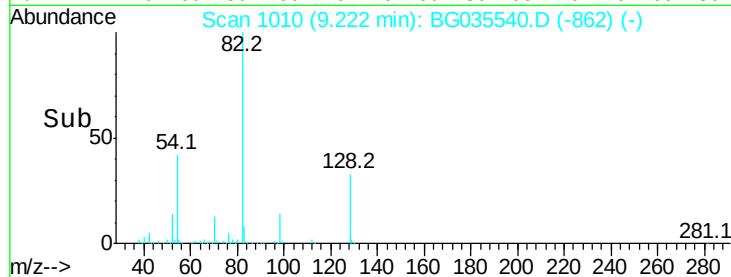
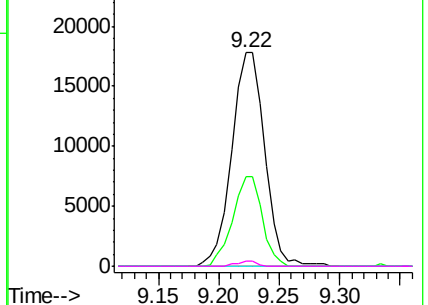


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG035540.D

Acq: 30 Jun 2018 13:34

Tgt Ion: 136 Resp: 121260

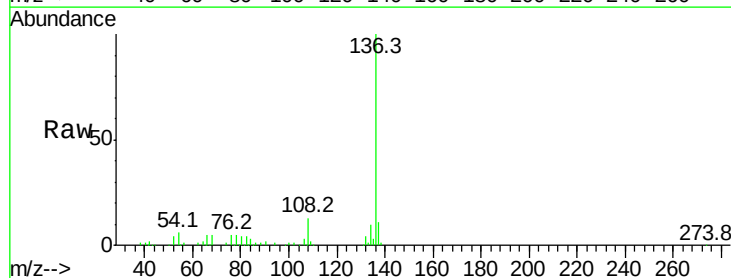
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 6.3 10.3 15.5#

68 4.9 4.5 6.7

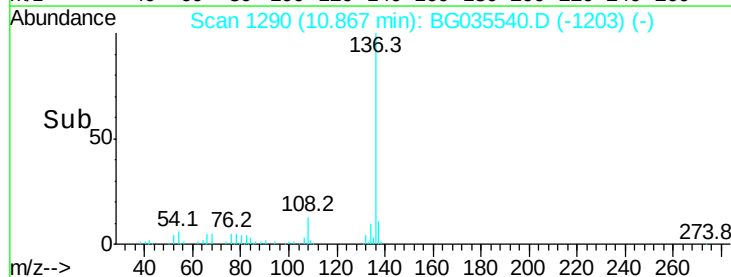
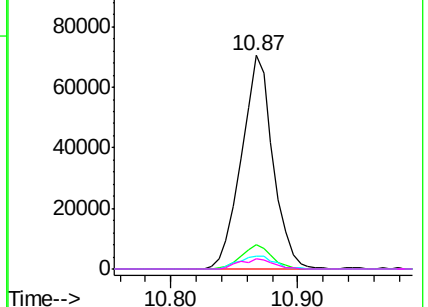


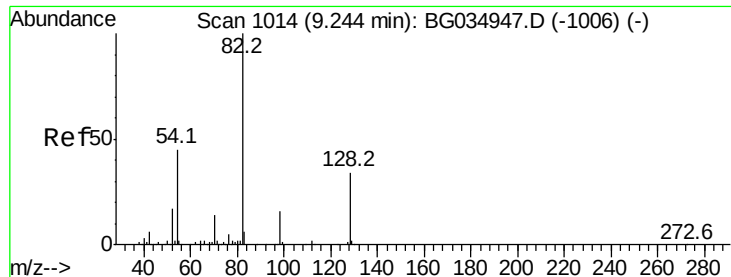
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 98.178 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035540.D

Acq: 30 Jun 2018 13:34

Instrument :

BNA_G

ClientSampleId :

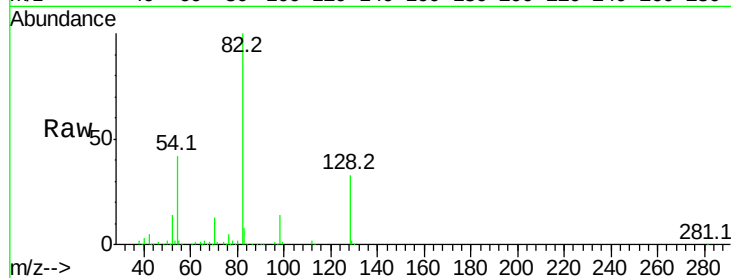
Tot Ion: 82 Resp: 250452

Ion Ratio Lower Upper

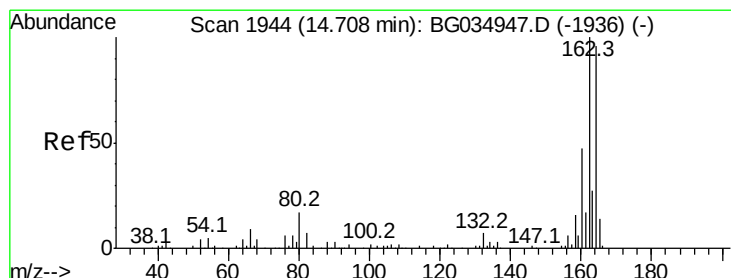
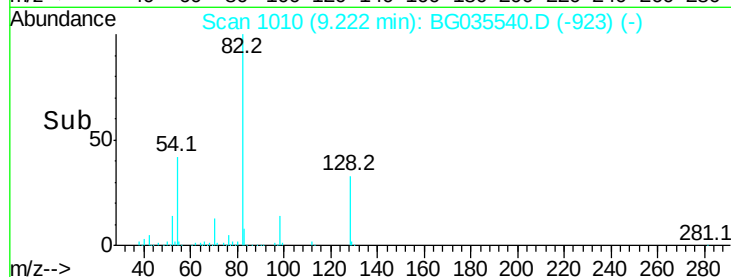
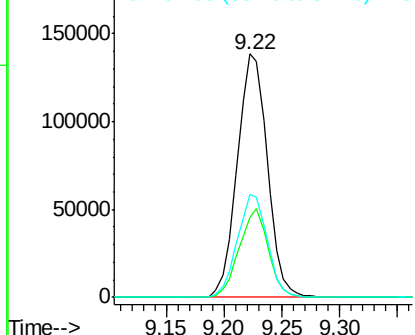
82 100

128 32.6 29.7 44.5

54 42.4 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: BG035540.D

Acq: 30 Jun 2018 13:34

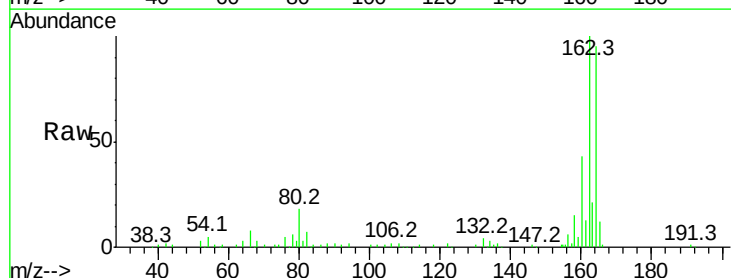
Tgt Ion: 164 Resp: 88218

Ion Ratio Lower Upper

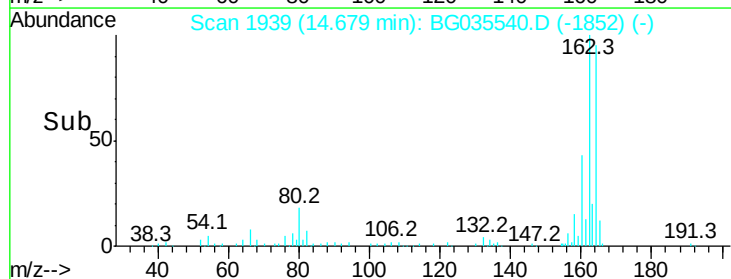
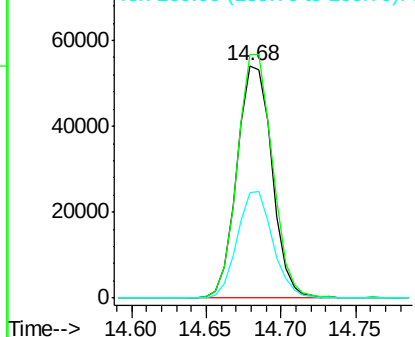
164 100

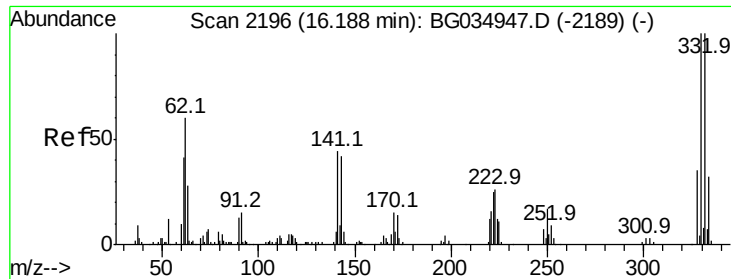
162 104.8 78.8 118.2

160 45.4 35.4 53.0



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

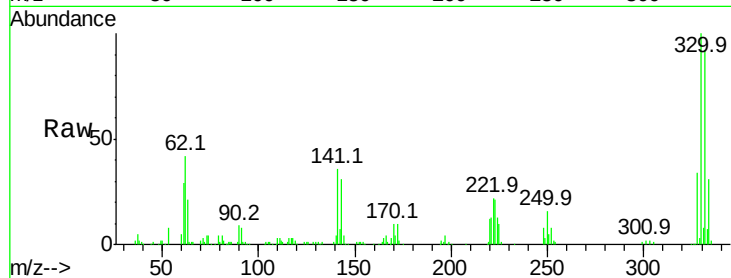




#41
 2,4,6-Tribromophenol
 Concen: 102.372 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035540.D
 Acq: 30 Jun 2018 13:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	96.0			77.0	115.6	
141	37.6			25.2	37.8	

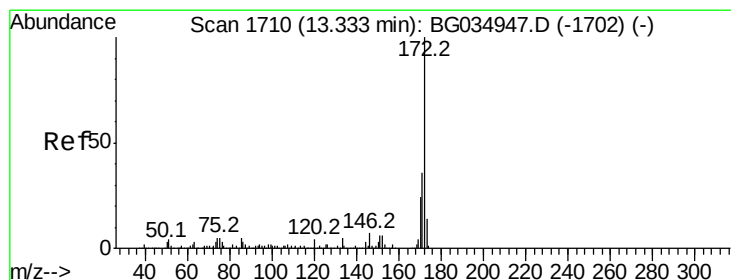
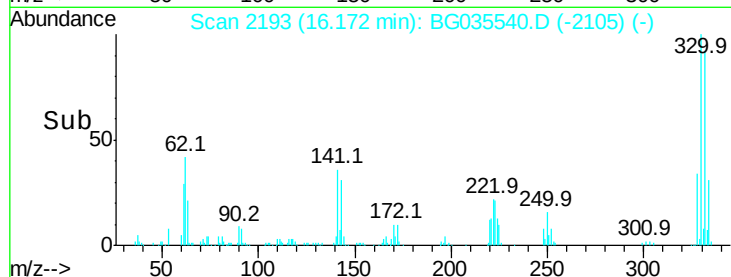
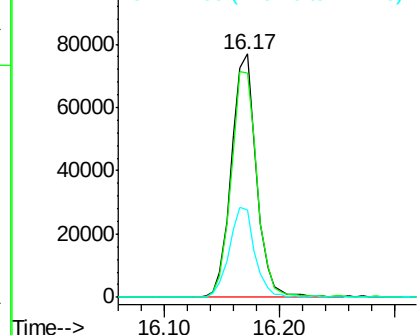


Abundance

Ion 329.80 (329.50 to 330.50): E

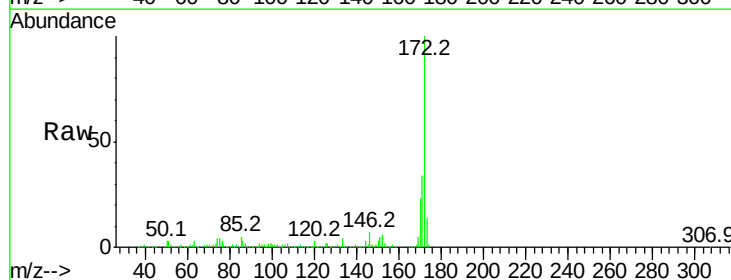
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.595 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035540.D
 Acq: 30 Jun 2018 13:34

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	33.5			30.0	45.0	
170	23.3			19.5	29.3	

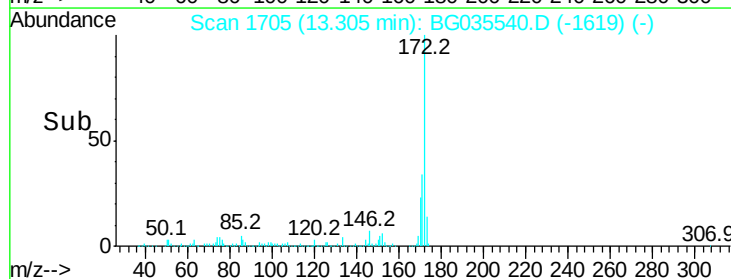
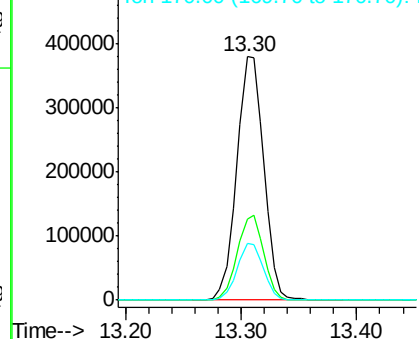


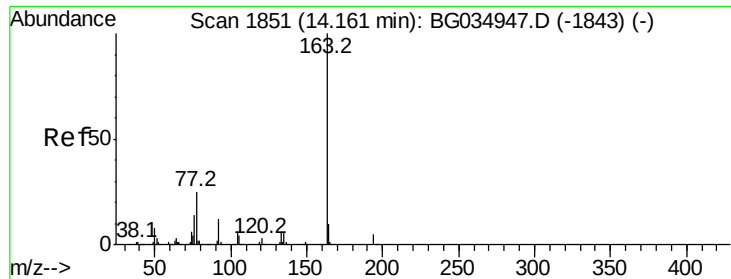
Abundance

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: 8.924 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035540.D

Acq: 30 Jun 2018 13:34

Instrument :

BNA_G

ClientSampleId :

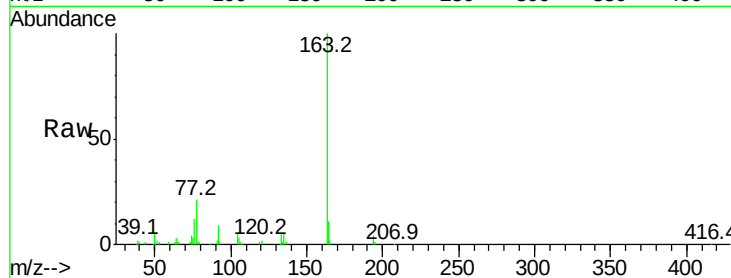
Tot Ion:163 Resp: 68651

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

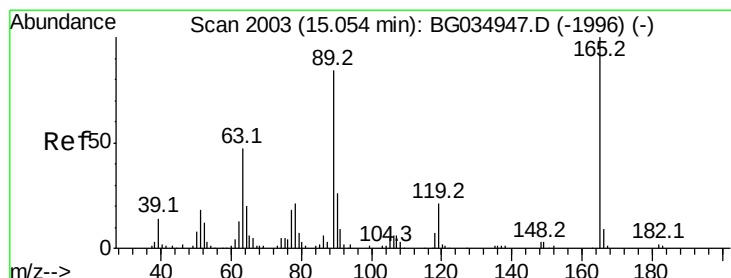
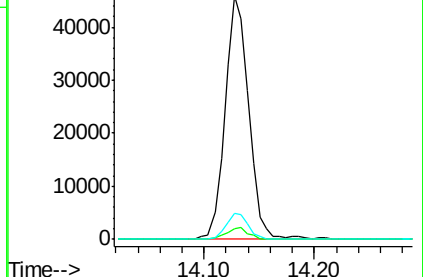
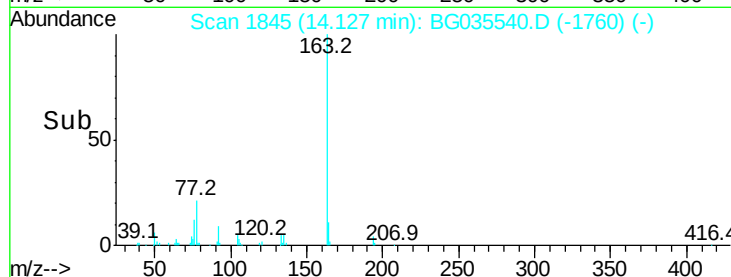
164 10.8 8.2 12.4



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: 6.098 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG035540.D

Acq: 30 Jun 2018 13:34

Tgt Ion:165 Resp: 11368

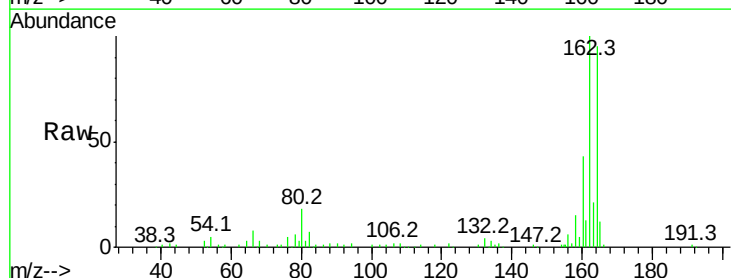
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

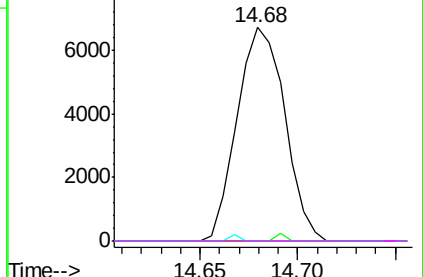
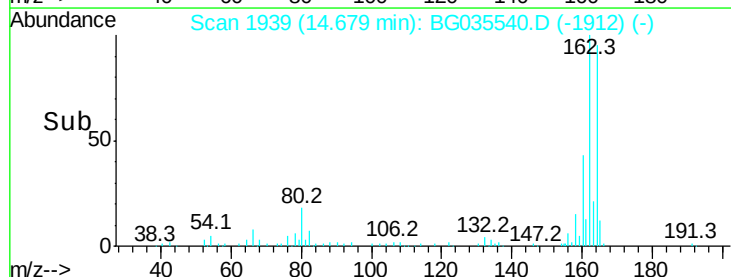


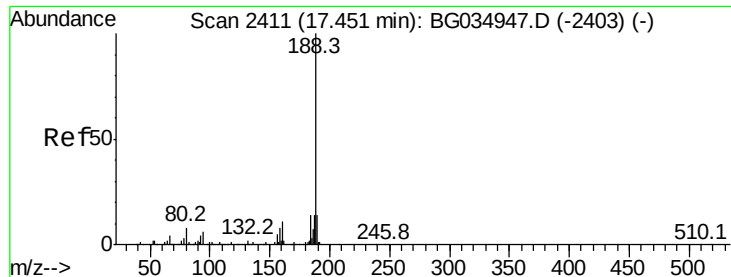
Abundance Ion 165.00 (164.70 to 165.70): E

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

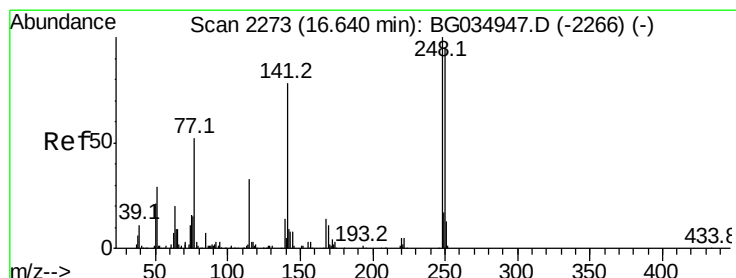
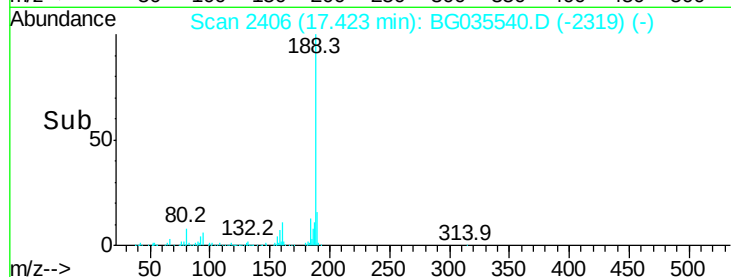
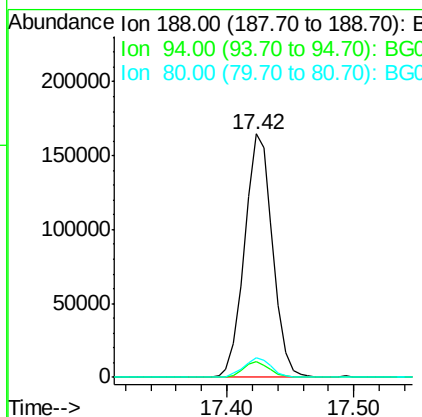
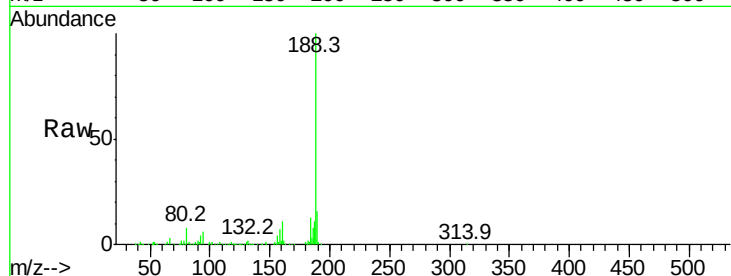




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035540.D
 Acq: 30 Jun 2018 13:34

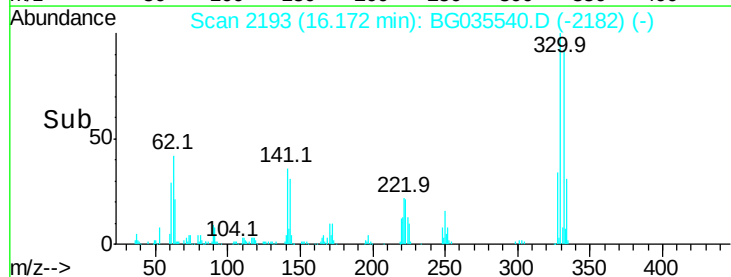
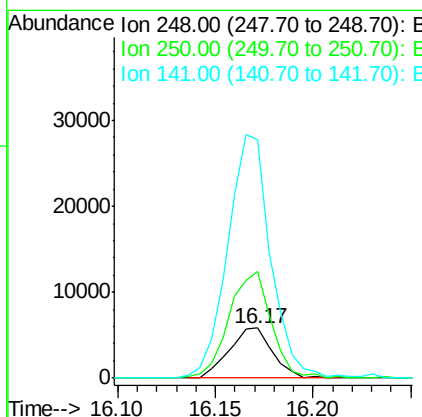
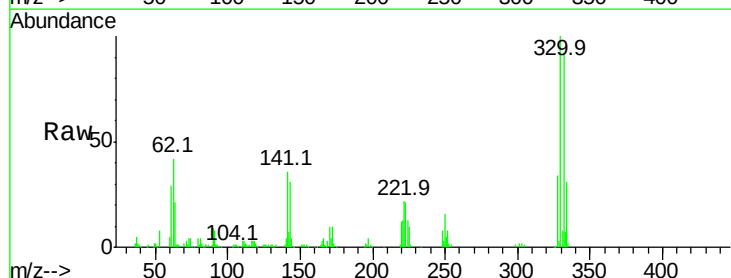
Instrument :
 BNA_G
 ClientSampleId :

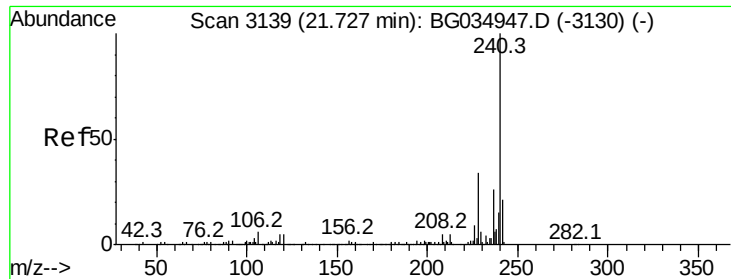
Tot Ion:188 Resp: 251766
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.9 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 2.936 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG035540.D
 Acq: 30 Jun 2018 13:34

Tgt Ion:248 Resp: 8901
 Ion Ratio Lower Upper
 248 100
 250 214.6 77.1 115.7#
 141 480.4 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035540.D

Acq: 30 Jun 2018 13:34

Instrument :

BNA_G

ClientSampleId :

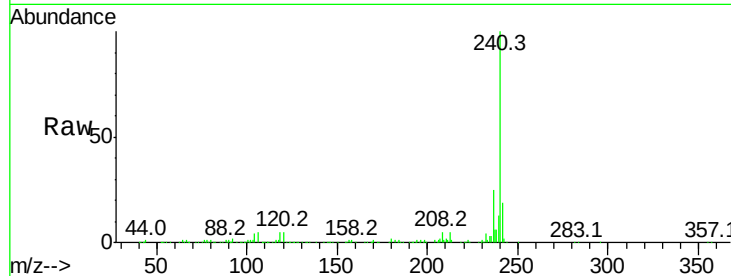
Tot Ion:240 Resp: 271941

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

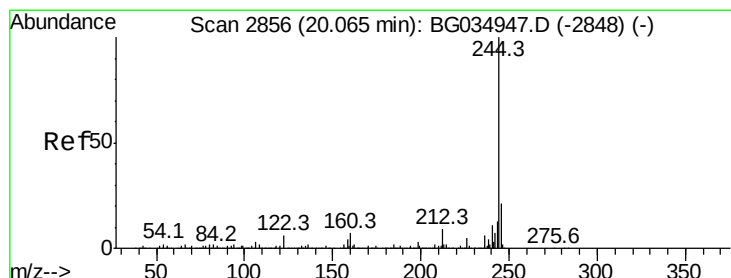
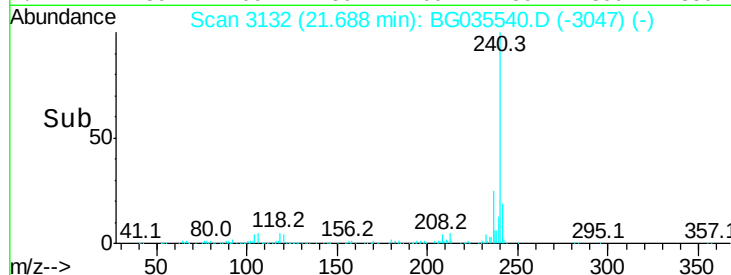
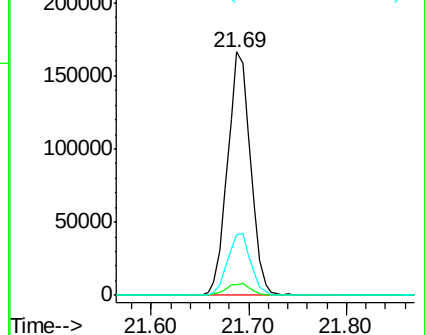
236 24.8 20.9 31.3



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: 83.892 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035540.D

Acq: 30 Jun 2018 13:34

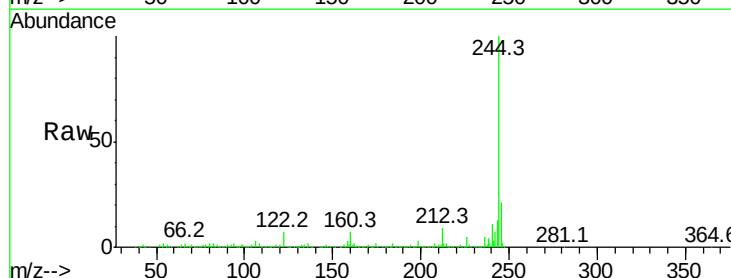
Tgt Ion:244 Resp: 1089132

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

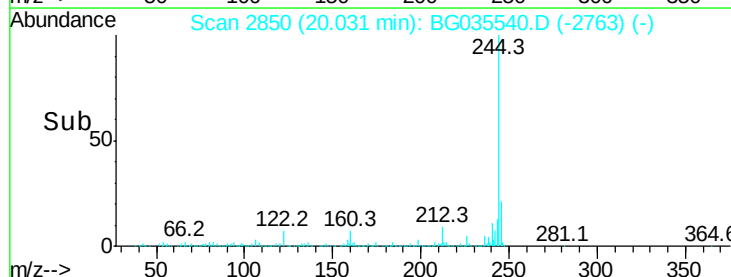
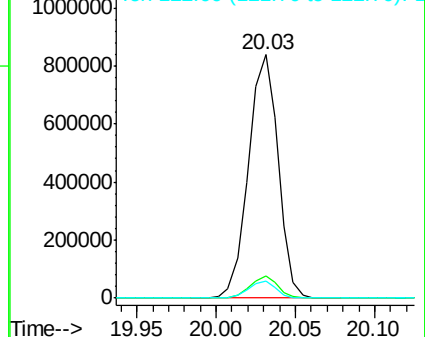
122 6.8 7.0 10.4#

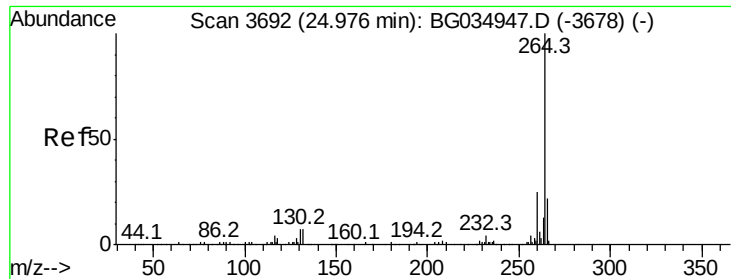


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

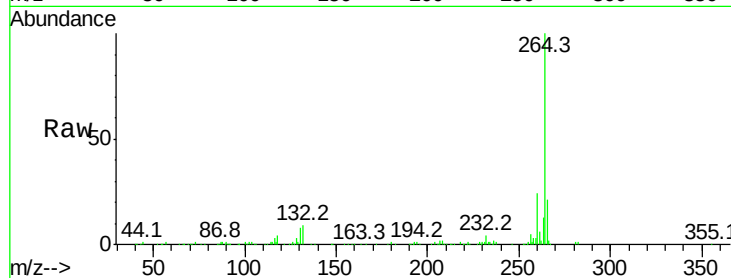




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035540.D
 Acq: 30 Jun 2018 13:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.1	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

