

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035559.D
 Acq On : 2 Jul 2018 20:18
 Operator : JU/SJ
 Sample : J3245-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:49:03 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

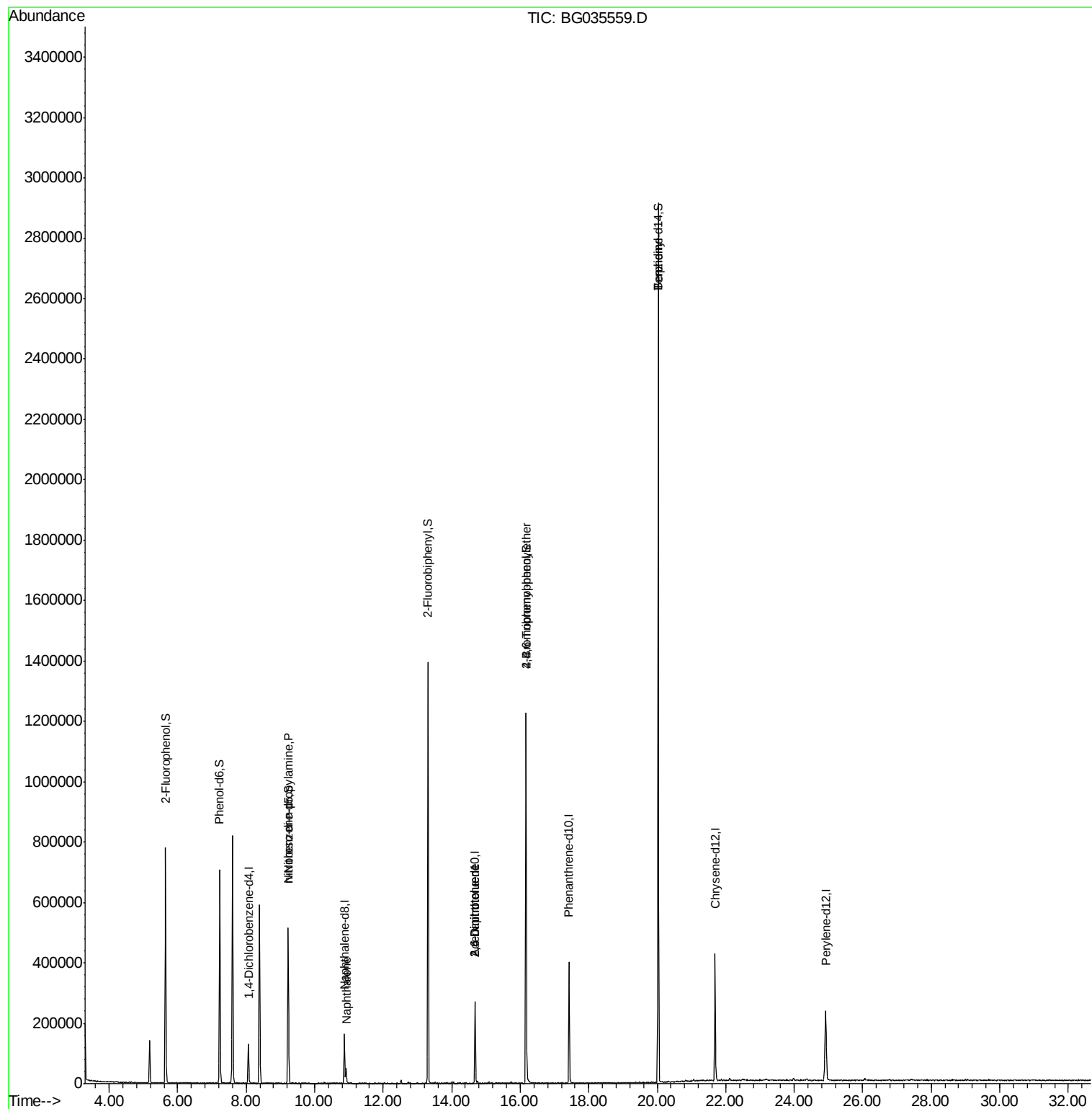
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	38806	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	137959	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	95908	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	255601	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	270902	20.00	ng	-0.03
86) Perylene-d12	24.92	264	259993	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	325700	141.64	ng	0.00
7) Phenol-d6	7.23	99	428434	126.24	ng	0.00
23) Nitrobenzene-d5	9.23	82	340046	117.16	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	233492	190.18	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	754878	102.32	ng	-0.02
78) Terphenyl-d14	20.03	244	1463803	113.18	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	46748	16.213	ng	# 67
31) Naphthalene	10.92	128	41596	5.804	ng	# 95
50) 2,6-Dinitrotoluene	14.68	165	12543	8.221	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	12543	6.188	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	18389	5.974	ng	# 1
76) Benzidine	20.03	184	24024	2.384	ng	# 90

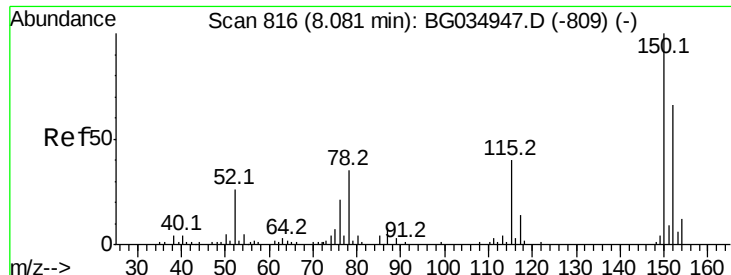
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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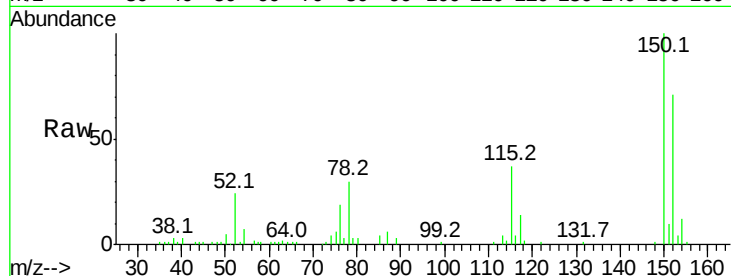


#1

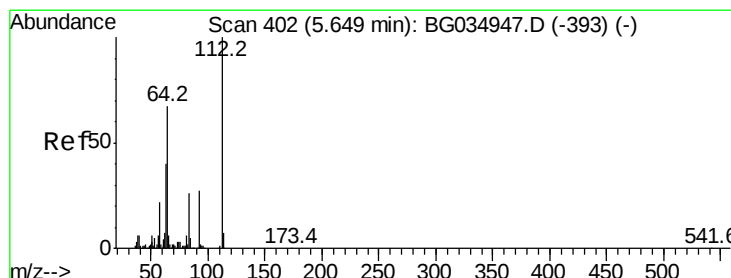
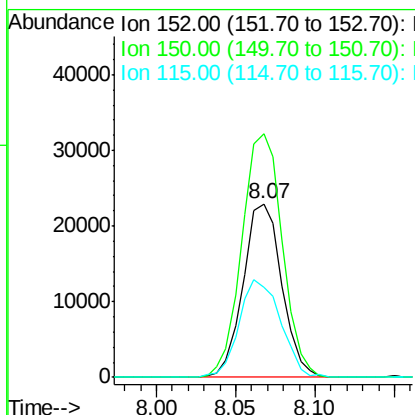
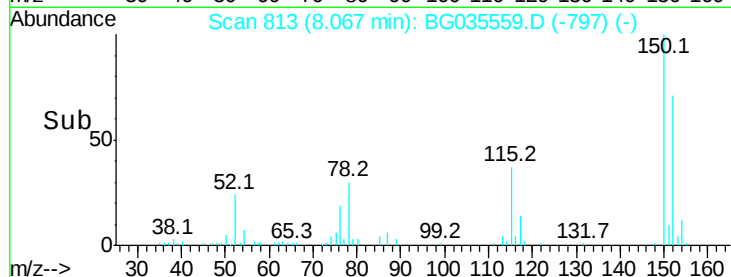
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38806
Ion Ratio Lower Upper
152 100
150 140.4 126.6 189.8
115 51.6 53.0 79.4#



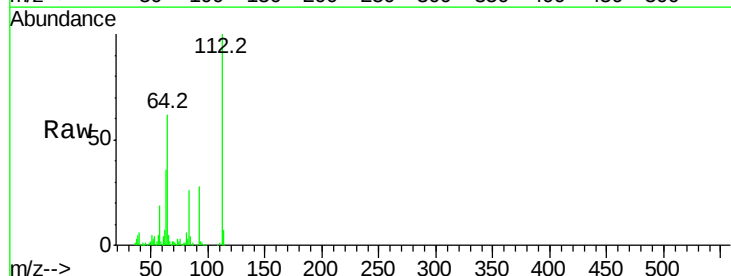
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



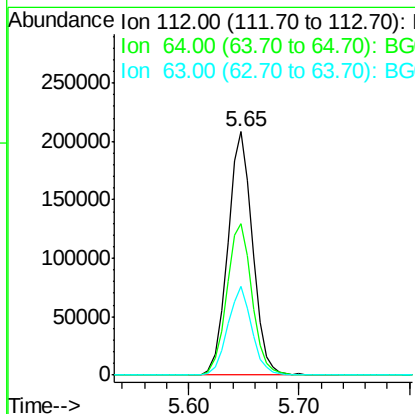
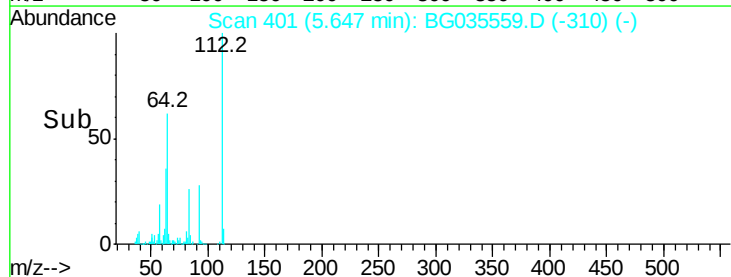
#5

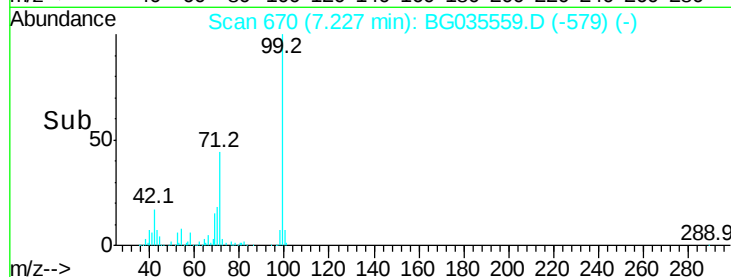
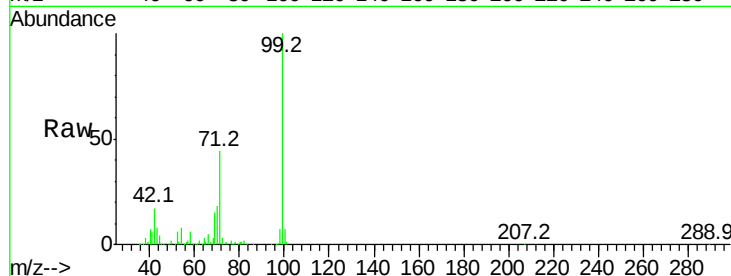
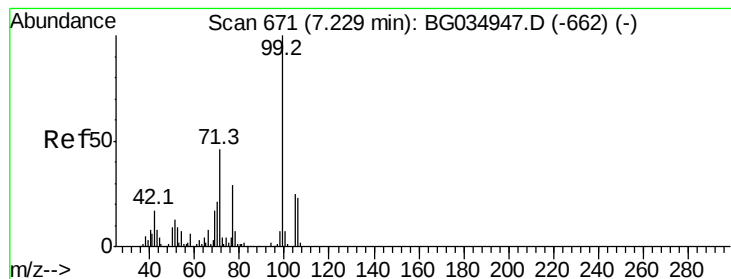
2-Fluorophenol
Concen: 141.641 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

Tgt Ion:112 Resp: 325700
Ion Ratio Lower Upper
112 100
64 62.0 56.3 84.5
63 36.5 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: 126.237 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Instrument :

BNA_G

ClientSampleId :

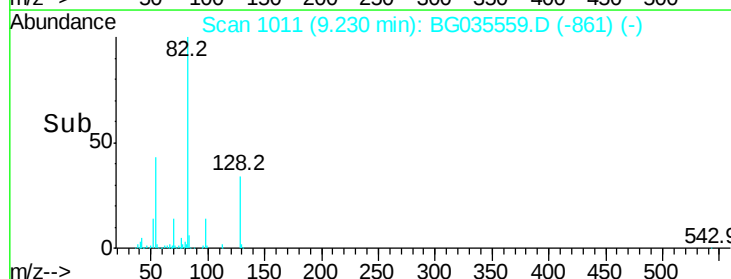
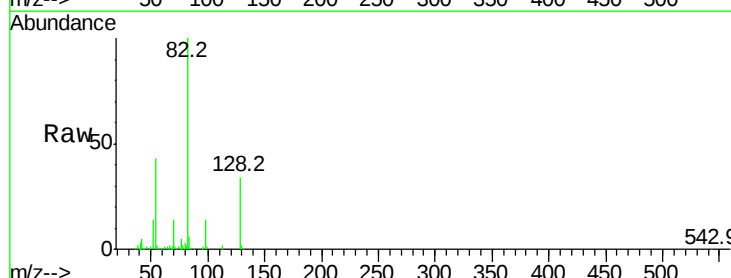
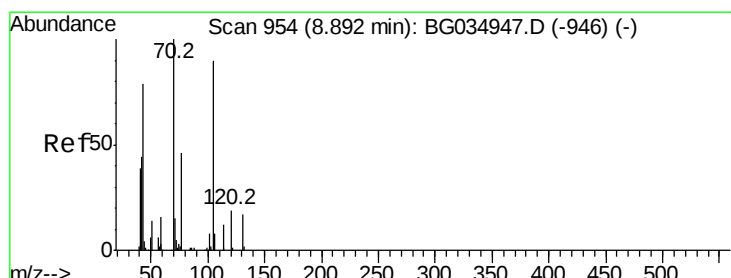
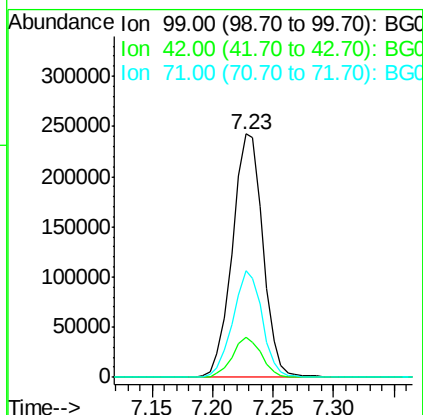
Tot Ion: 99 Resp: 428434

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 43.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.213 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Tgt Ion: 70 Resp: 46748

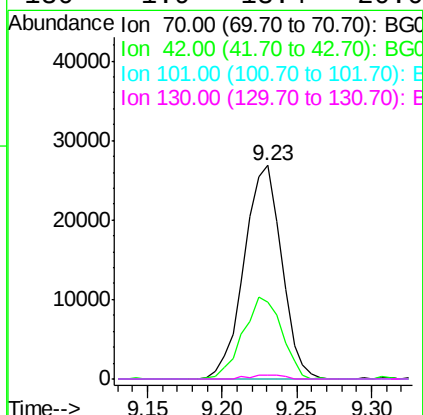
Ion Ratio Lower Upper

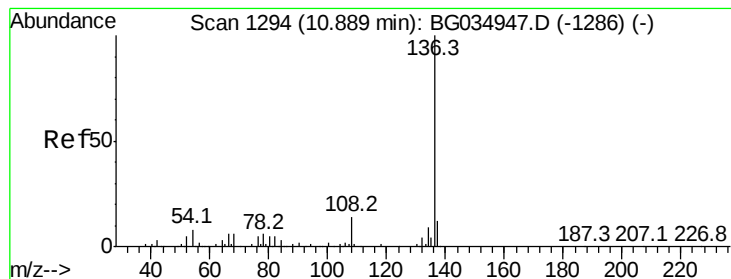
70 100

42 36.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 137959

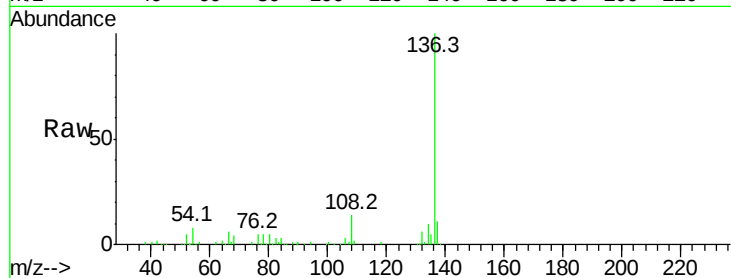
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.1 10.3 15.5#

68 4.0 4.5 6.7#

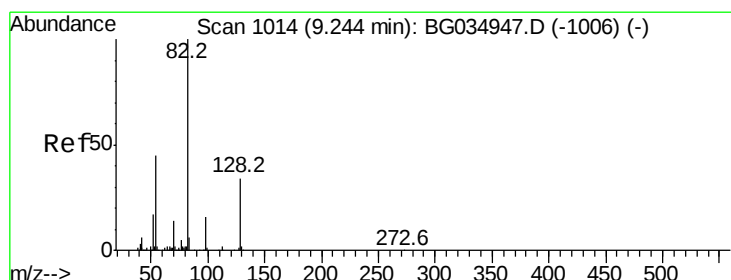
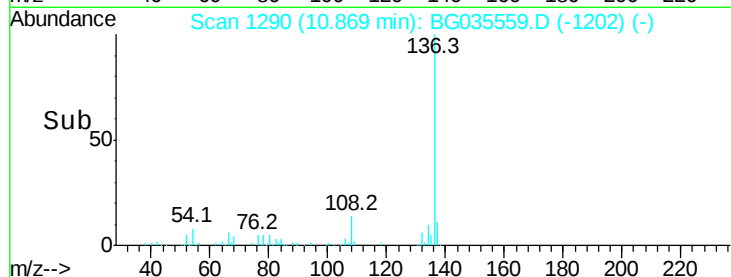
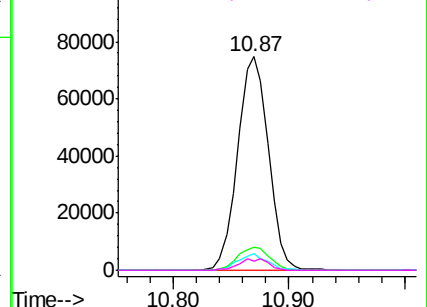


Abundance Ion 136.00 (135.70 to 136.70): E

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: 117.164 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

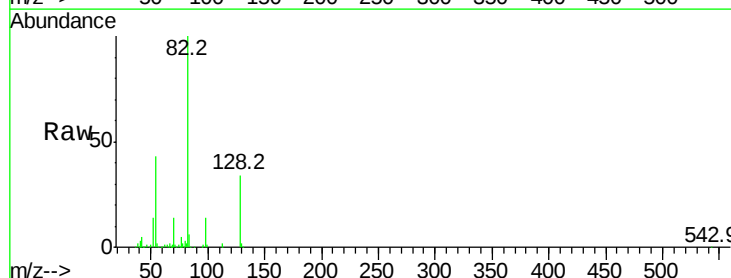
Tgt Ion: 82 Resp: 340046

Ion Ratio Lower Upper

82 100

128 34.0 29.7 44.5

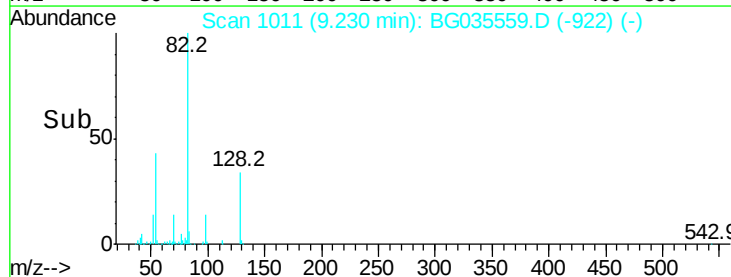
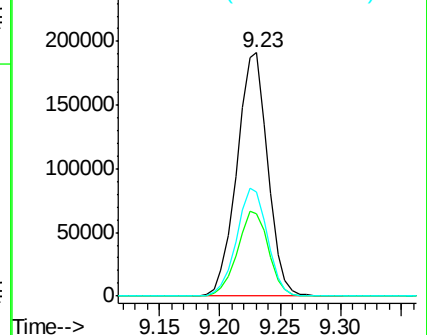
54 42.8 43.1 64.7#

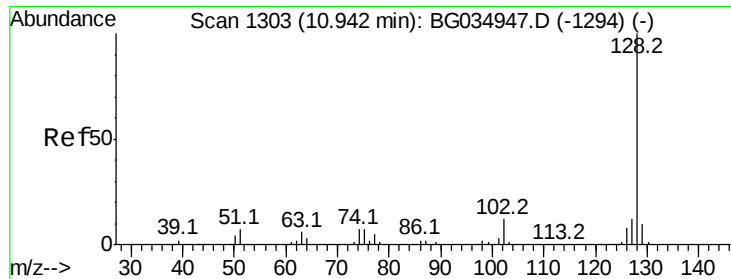


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

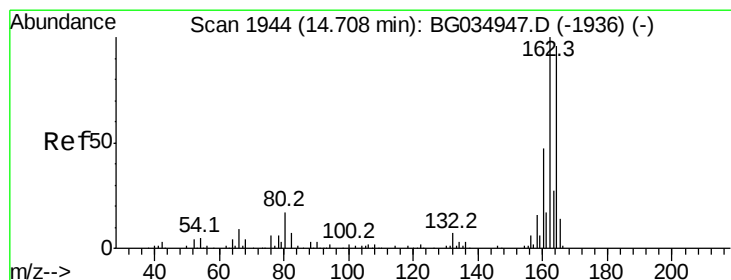
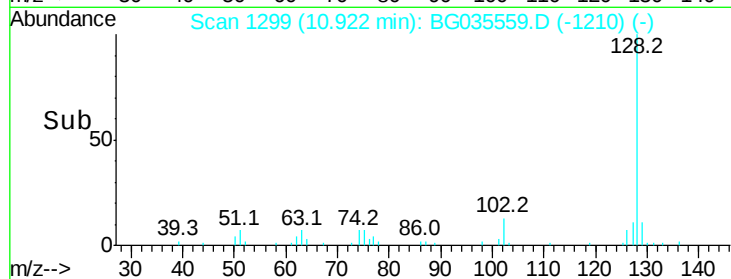
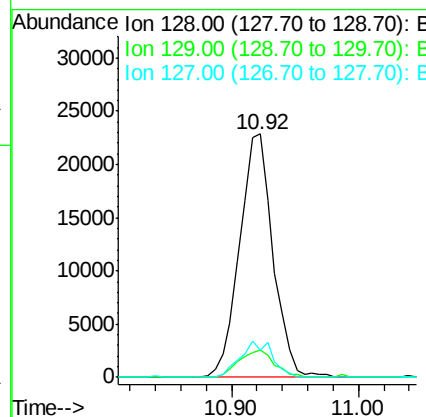
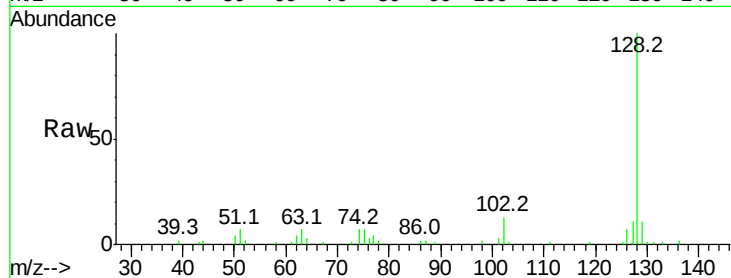




#31
Naphthalene
Concen: 5.804 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

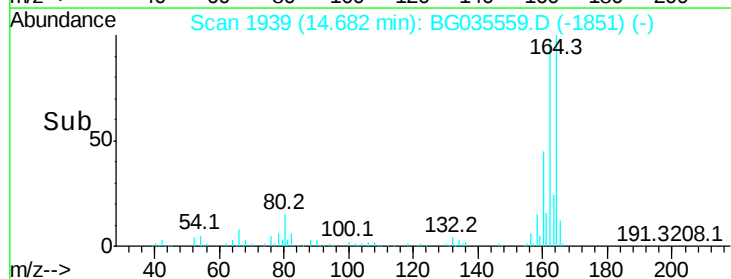
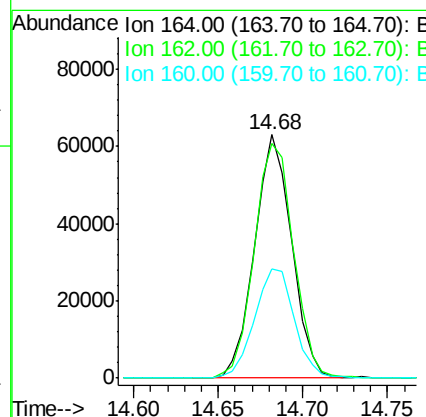
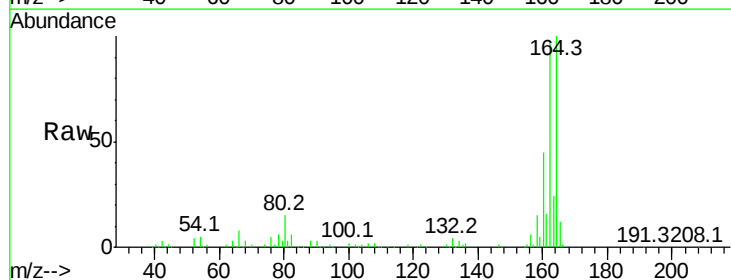
Instrument :
BNA_G
ClientSampleId :

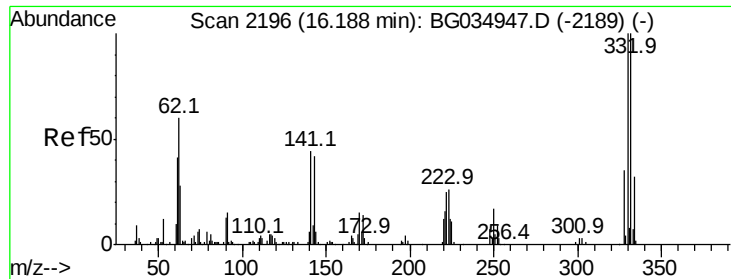
Tot Ion:128 Resp: 41596
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 11.1 11.6 17.4#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

Tgt Ion:164 Resp: 95908
Ion Ratio Lower Upper
164 100
162 96.6 78.8 118.2
160 45.1 35.4 53.0

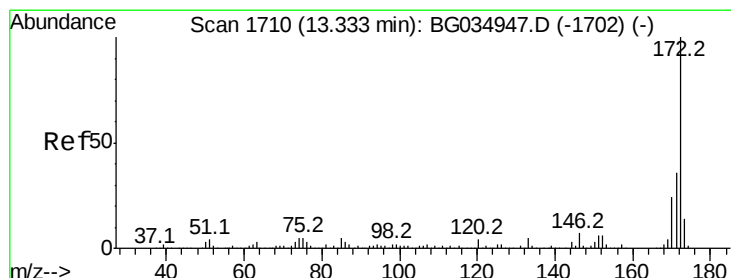
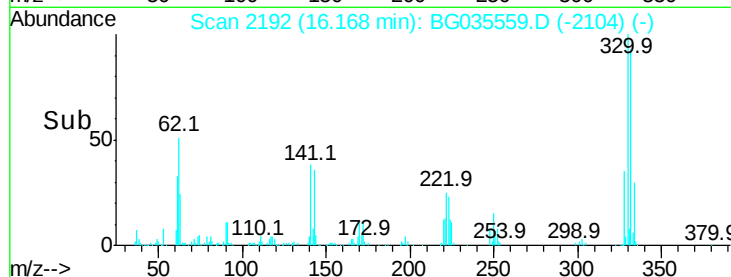
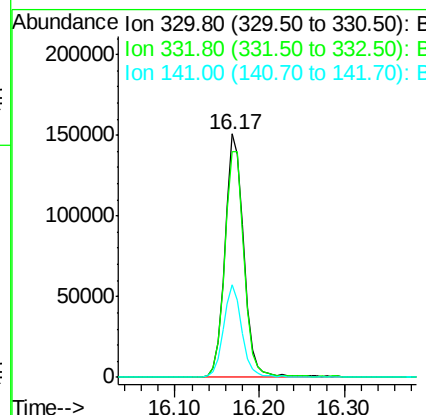
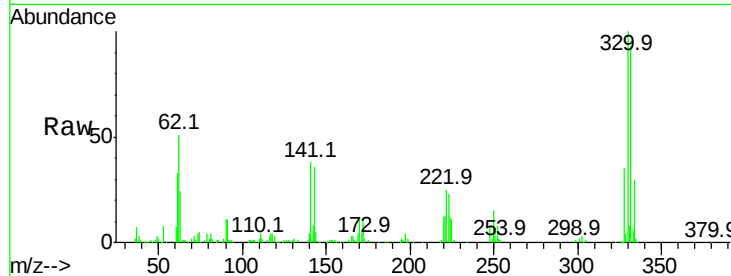




#41
 2,4,6-Tribromophenol
 Concen: 190.180 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG035559.D
 Acq: 2 Jul 2018 20:18

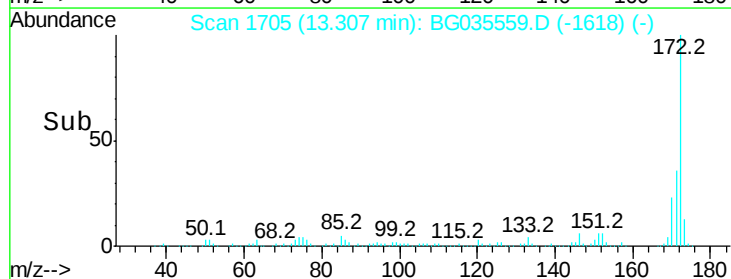
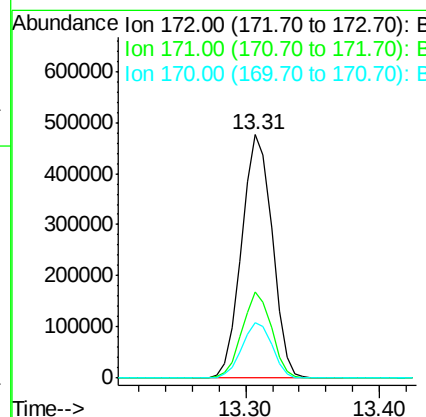
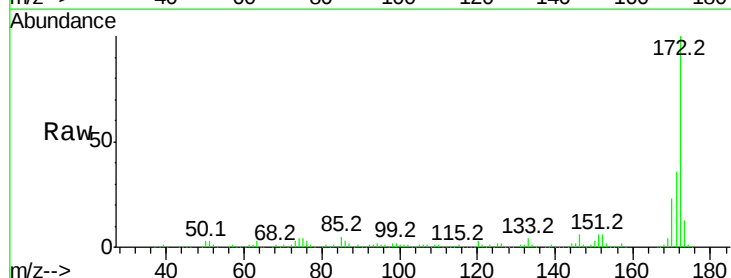
Instrument :
 BNA_G
 ClientSampleId :

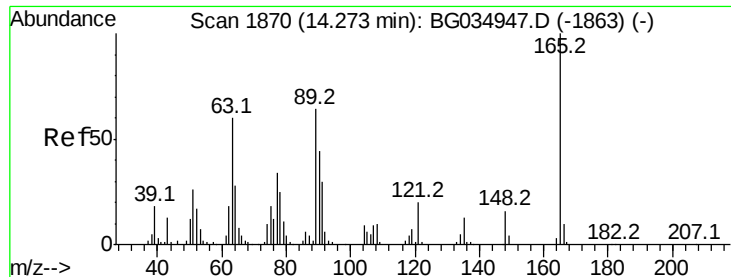
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	37.4	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 102.321 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035559.D
 Acq: 2 Jul 2018 20:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	22.9	19.5	29.3

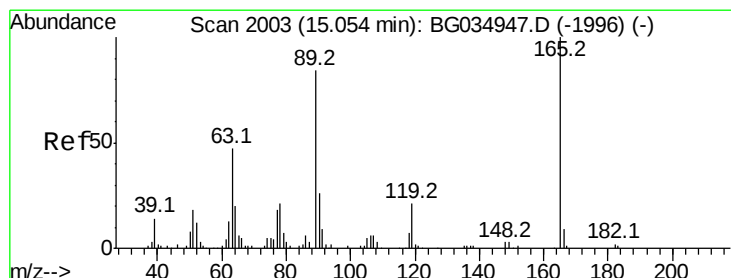
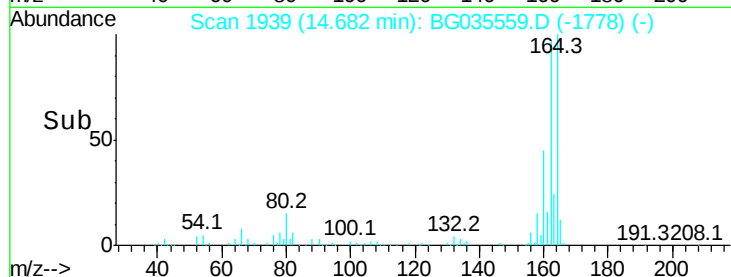
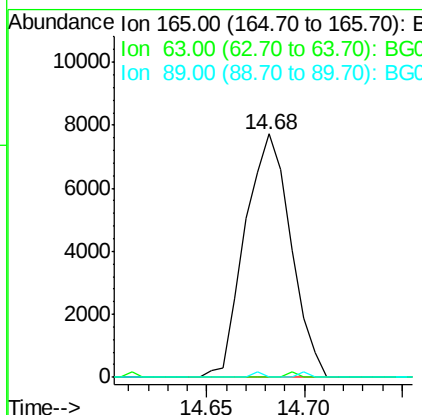
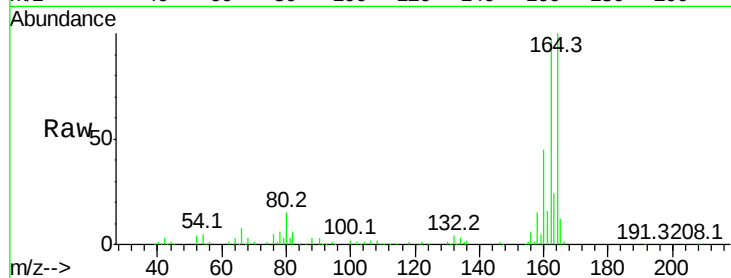




#50
2,6-Dinitrotoluene
Concen: 8.221 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

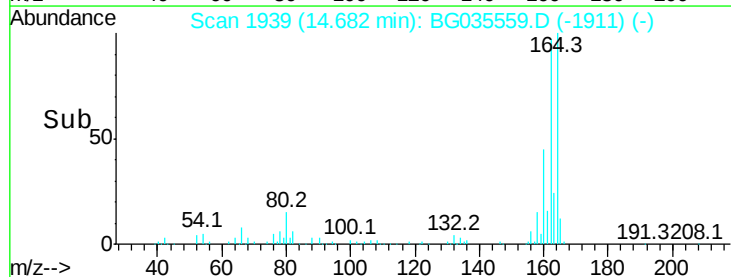
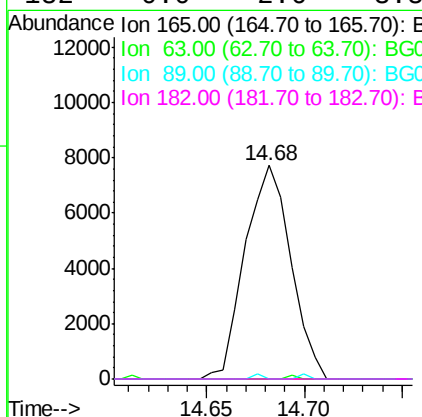
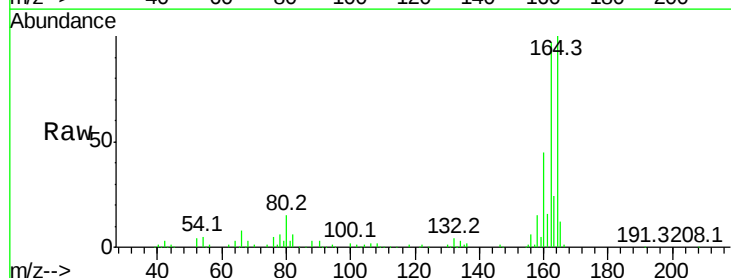
Instrument :
BNA_G
ClientSampleId :

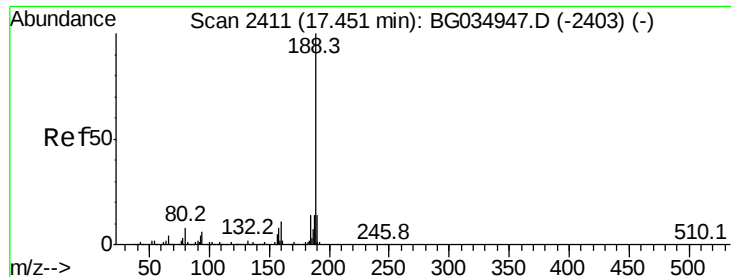
Tot Ion:165 Resp: 12543
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 6.188 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035559.D
Acq: 2 Jul 2018 20:18

Tgt Ion:165 Resp: 12543
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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Instrument :

BNA_G

ClientSampleId :

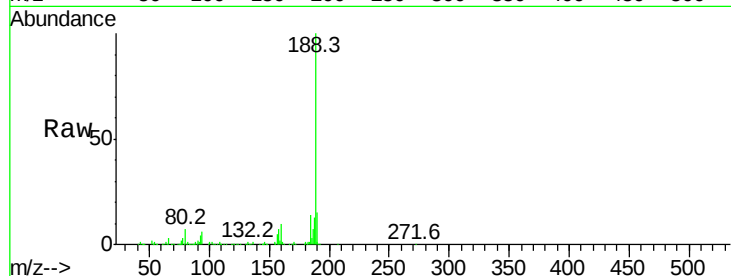
Tot Ion:188 Resp: 255601

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

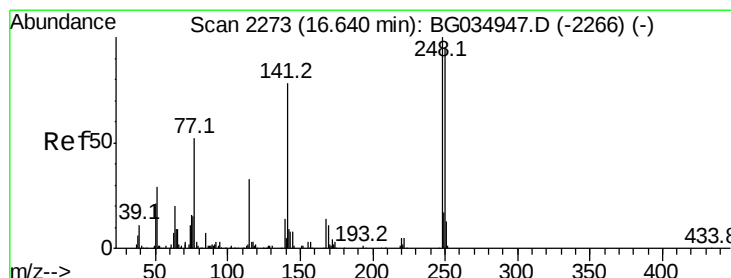
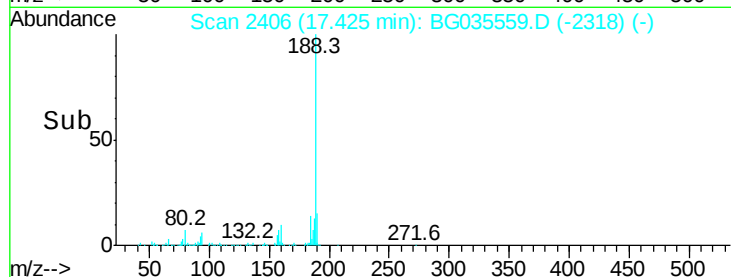
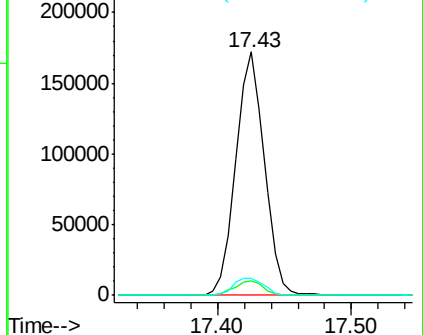
80 7.2 7.7 11.5#



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: 5.974 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

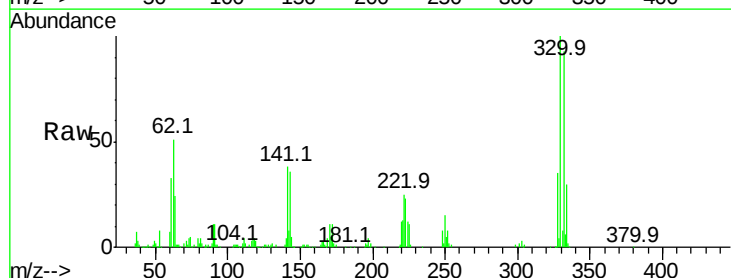
Tgt Ion:248 Resp: 18389

Ion Ratio Lower Upper

248 100

250 177.3 77.1 115.7#

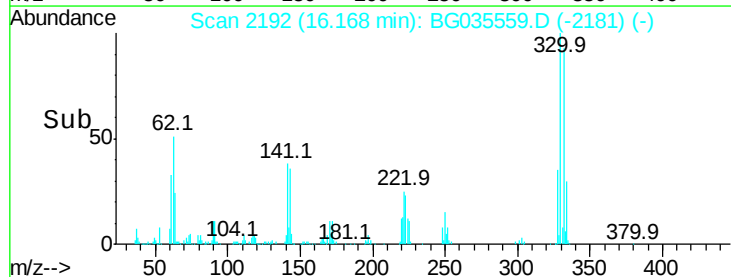
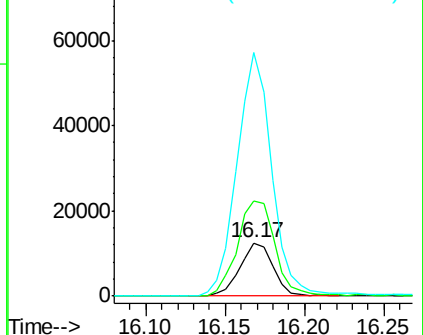
141 455.2 50.8 76.2#

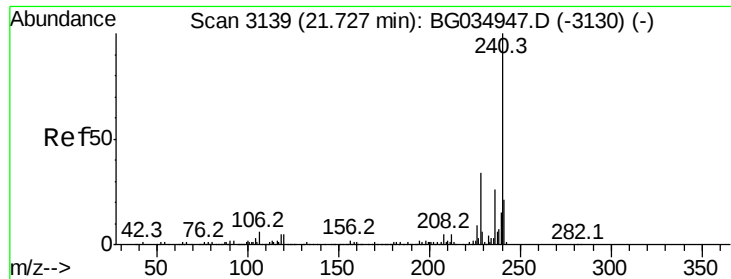


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG035559.D

Acq: 2 Jul 2018 20:18

Instrument :

BNA_G

ClientSampleId :

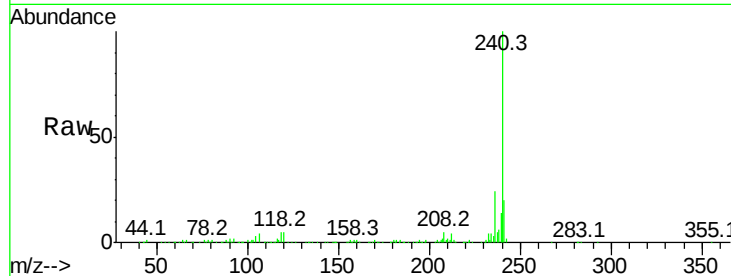
Tot Ion:240 Resp: 270902

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

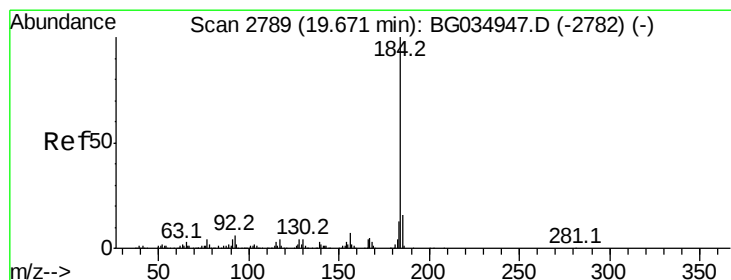
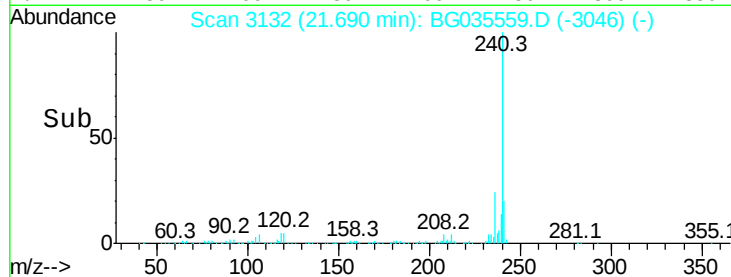
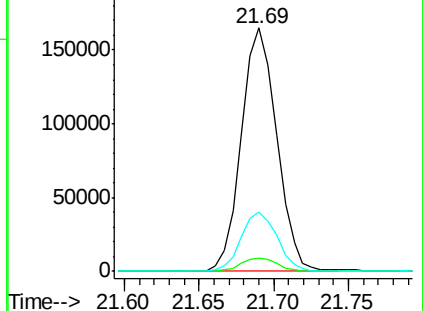
236 24.1 20.9 31.3



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



#76

Benzidine

Concen: 2.384 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.37 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

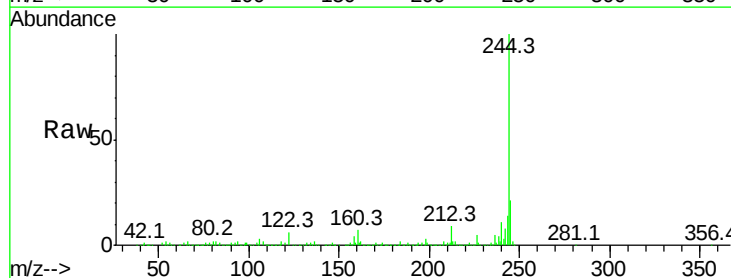
Tgt Ion:184 Resp: 24024

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

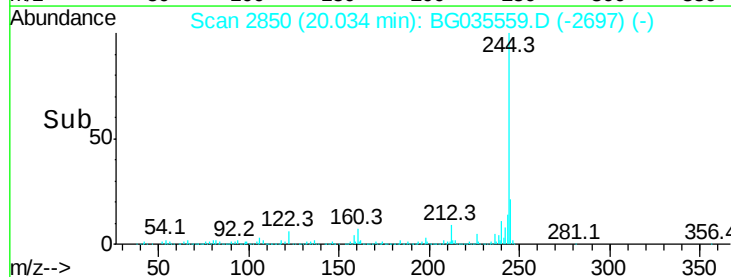
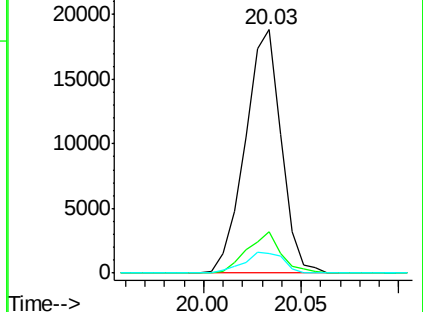
183 8.3 10.6 16.0#

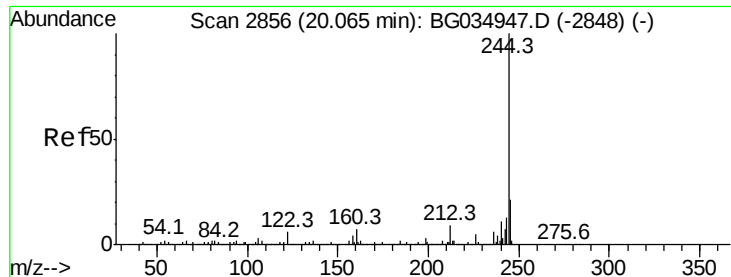


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 113.184 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

Instrument :

BNA_G

ClientSampled :

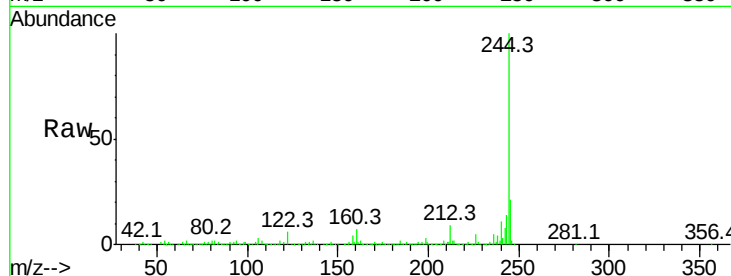
Tot Ion:244 Resp: 1463803

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

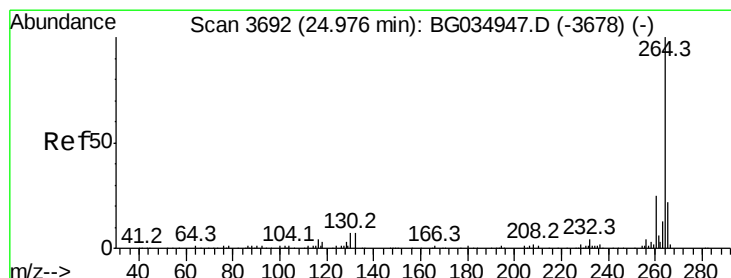
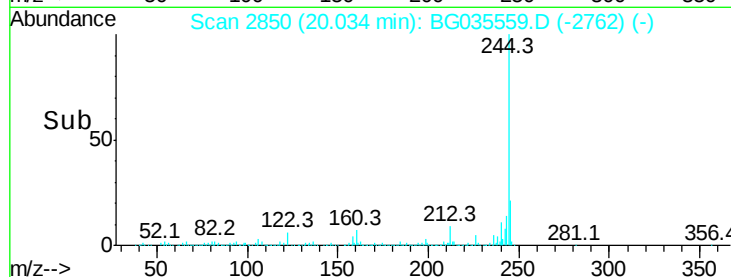
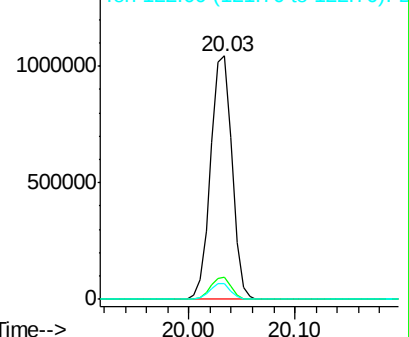
122 6.3 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG035559.D

Acq: 2 Jul 2018 20:18

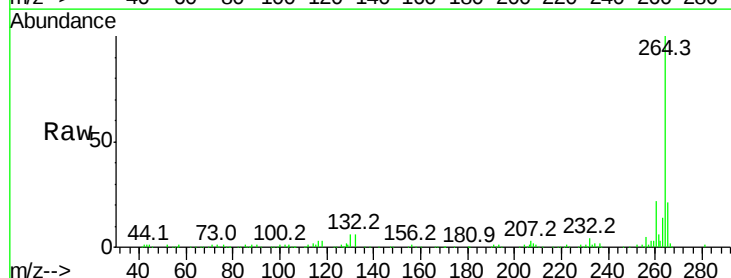
Tgt Ion:264 Resp: 259993

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 21.5 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

