

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035573.D
 Acq On : 3 Jul 2018 6:03
 Operator : JU/SJ
 Sample : J3800-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 06:44:04 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

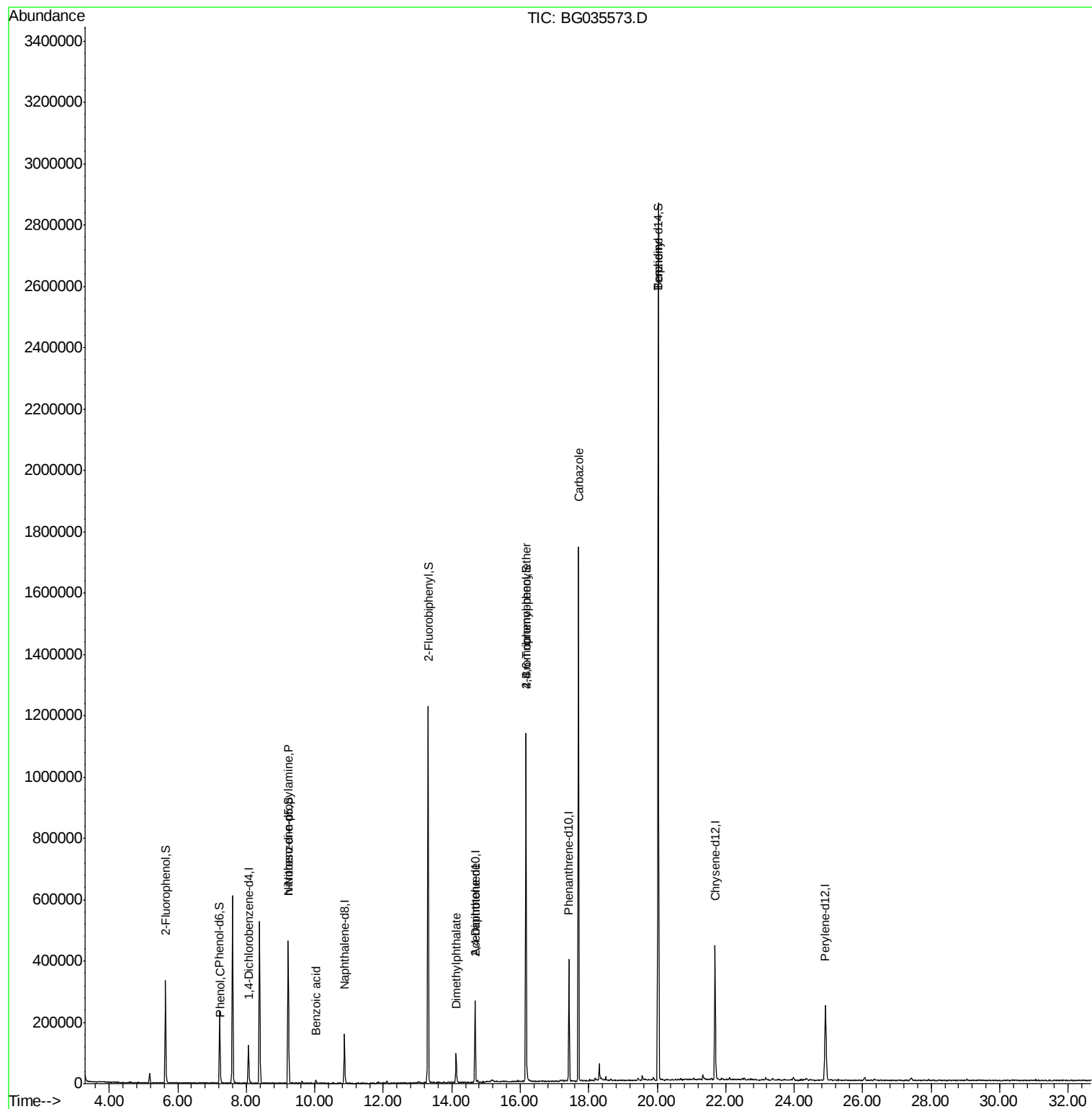
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	35172	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	129683	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	93237	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	248729	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	280188	20.00	ng	-0.03
86) Perylene-d12	24.91	264	274498	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	152144	73.00	ng	0.00
7) Phenol-d6	7.22	99	139959	45.50	ng	0.00
23) Nitrobenzene-d5	9.23	82	316743	116.10	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	224993	188.51	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	682162	95.11	ng	-0.02
78) Terphenyl-d14	20.03	244	1373910	102.71	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	7682	2.413	ng	82
19) n-Nitroso-di-n-propylamine	9.22	70	42323	16.195	ng	# 67
32) Benzoic acid	10.03	122	3851	2.840	ng	# 12
49) Dimethylphthalate	14.13	163	62047	7.631	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	13027	6.611	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	17987	6.005	ng	# 1
72) Carbazole	17.70	167	36162	3.079	ng	# 59
76) Benzidine	20.03	184	24529	2.353	ng	# 90

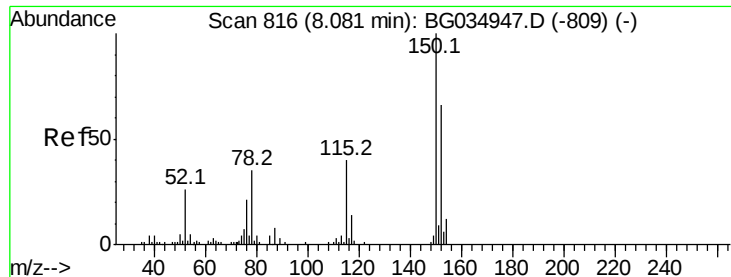
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035573.D
Acq On : 3 Jul 2018 6:03
Operator : JU/SJ
Sample : J3800-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 03 06:44:04 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



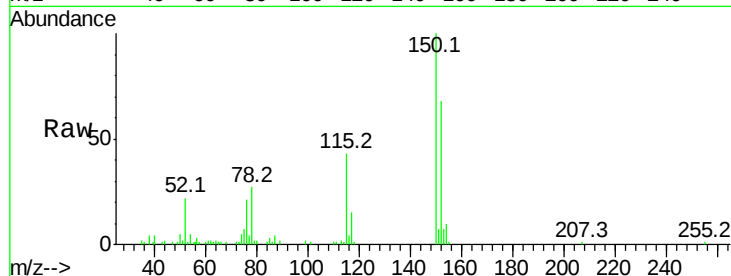


#1

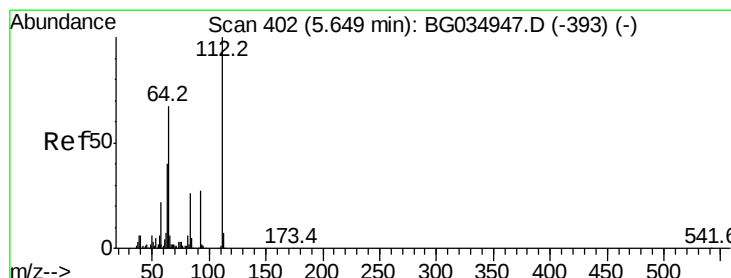
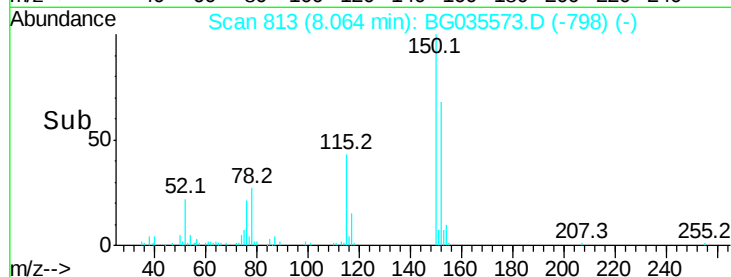
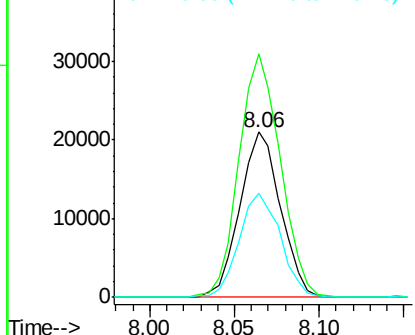
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035573.D
Acq: 3 Jul 2018 6:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 35172
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 63.0 53.0 79.4



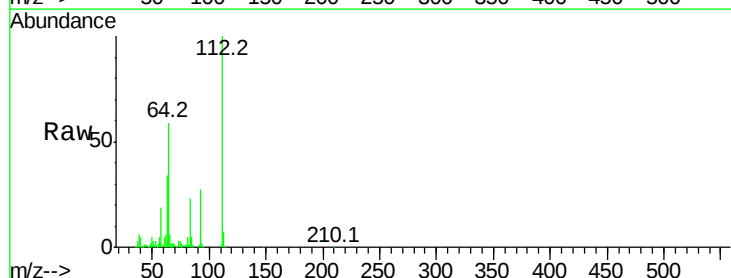
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



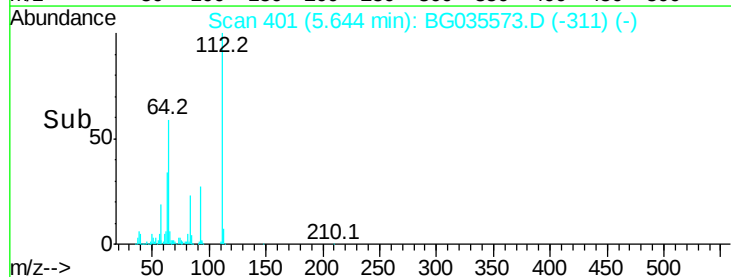
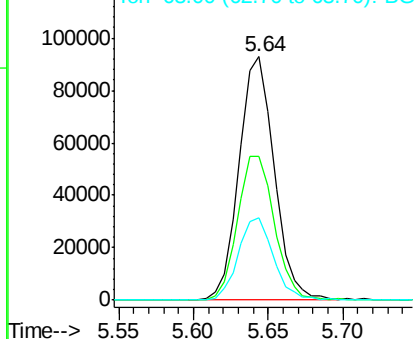
#5

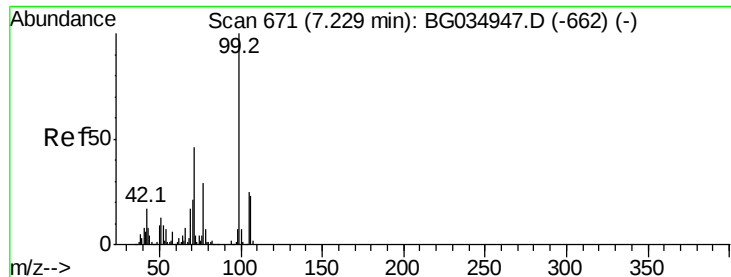
2-Fluorophenol
Concen: 73.001 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035573.D
Acq: 3 Jul 2018 6:03

Tgt Ion:112 Resp: 152144
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 33.7 30.1 45.1



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: 45.499 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

Instrument :

BNA_G

ClientSampleId :

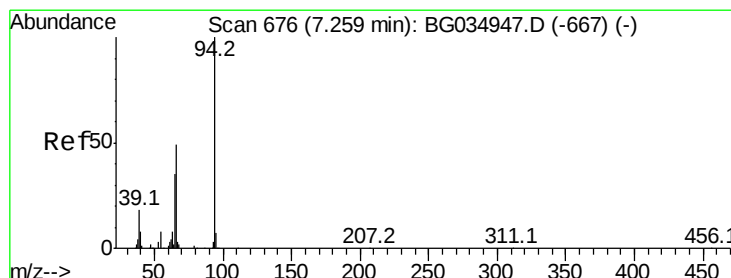
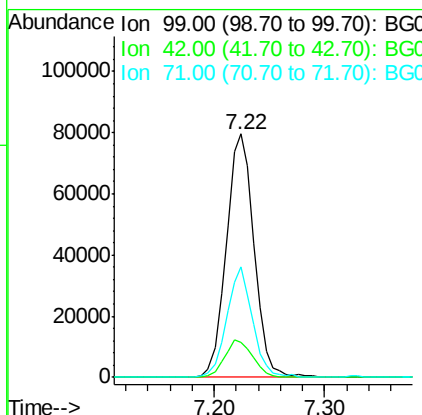
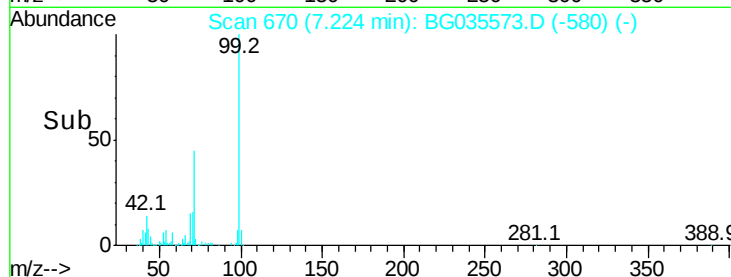
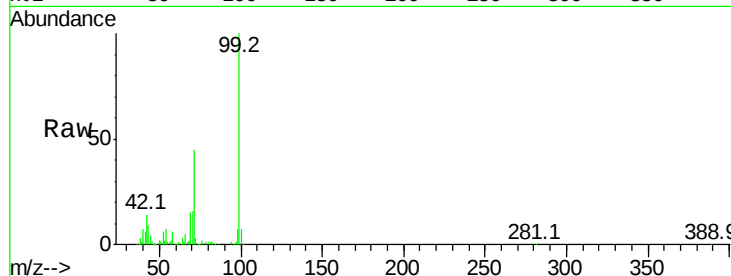
Tot Ion: 99 Resp: 139959

Ion Ratio Lower Upper

99 100

42 14.4 14.1 21.1

71 45.2 26.1 39.1#



#10

Phenol

Concen: 2.413 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

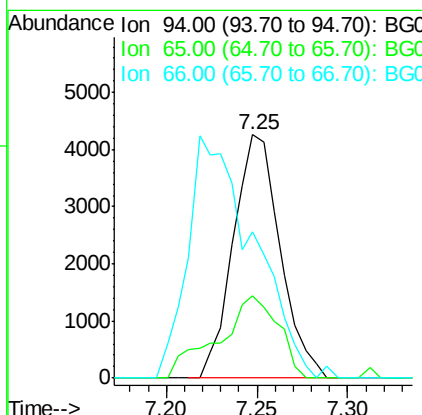
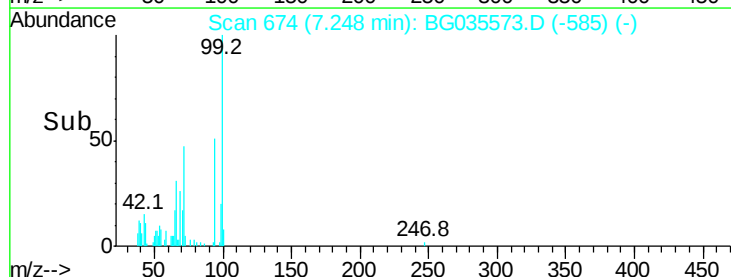
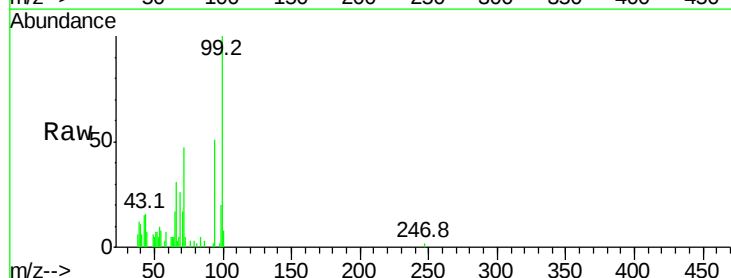
Tgt Ion: 94 Resp: 7682

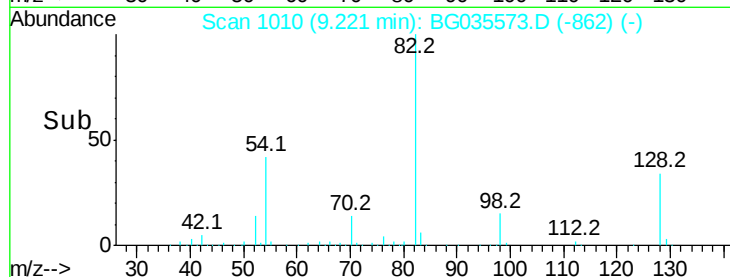
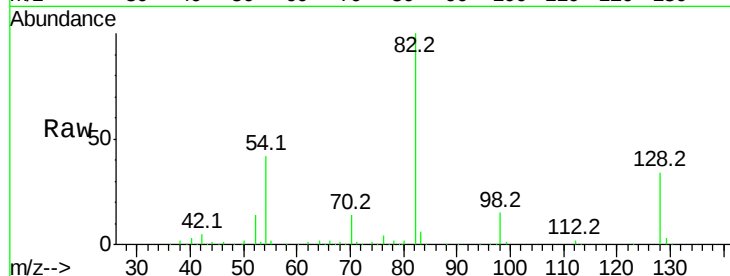
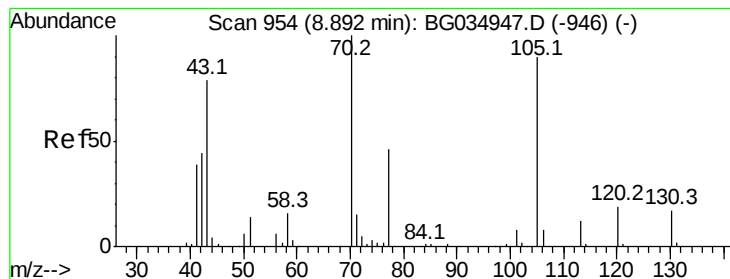
Ion Ratio Lower Upper

94 100

65 33.9 11.9 51.9

66 60.4 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 16.195 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 42323

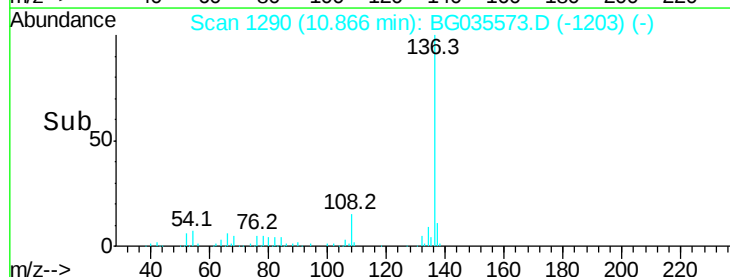
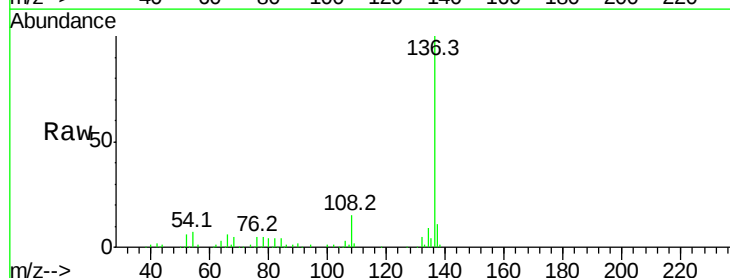
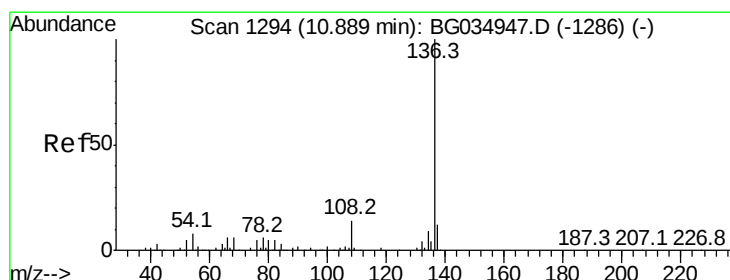
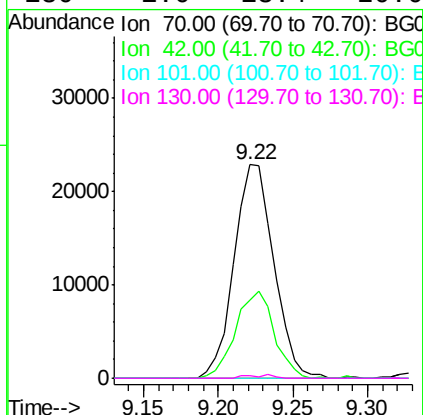
Ion Ratio Lower Upper

70 100

42 36.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.0 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

Tgt Ion: 136 Resp: 129683

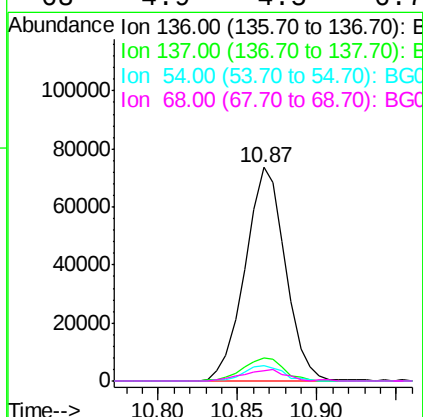
Ion Ratio Lower Upper

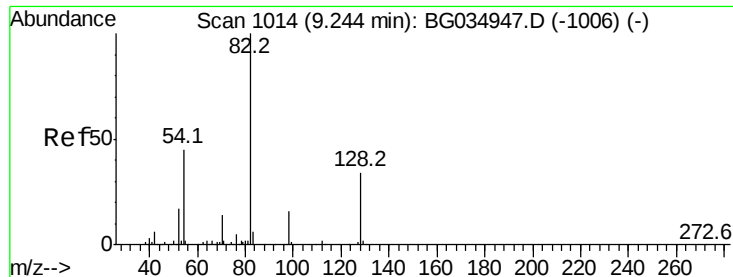
136 100

137 10.7 9.2 13.8

54 7.2 10.3 15.5#

68 4.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 116.100 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

Instrument :

BNA_G

ClientSampleId :

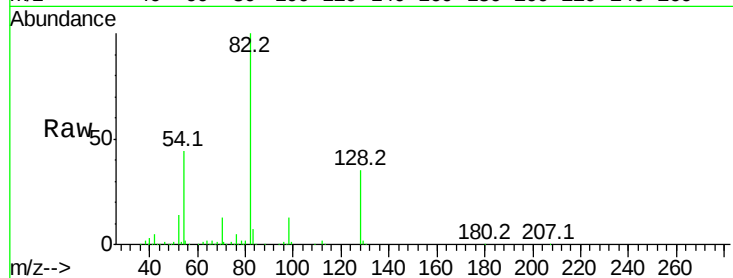
Tot Ion: 82 Resp: 316743

Ion Ratio Lower Upper

82 100

128 35.5 29.7 44.5

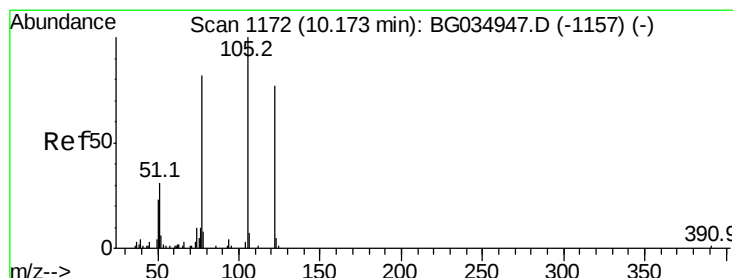
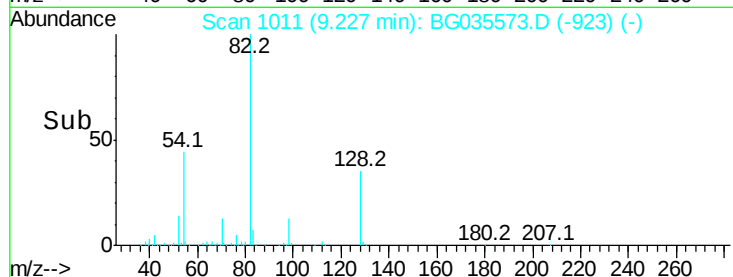
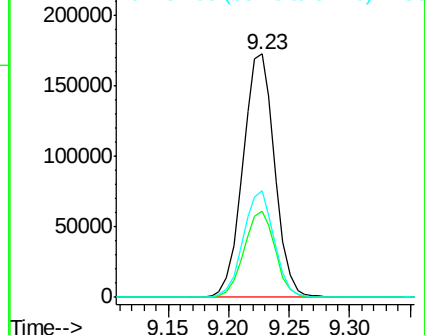
54 43.9 43.1 64.7



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



#32

Benzoic acid

Concen: 2.840 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.14 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

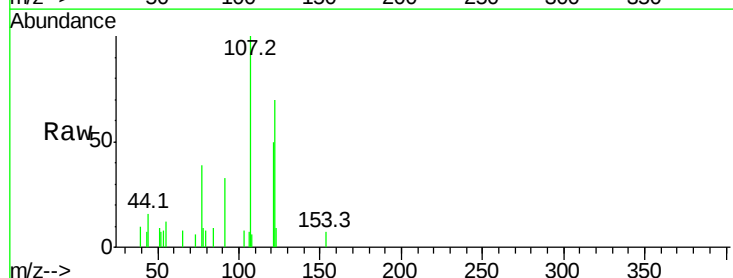
Tgt Ion: 122 Resp: 3851

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

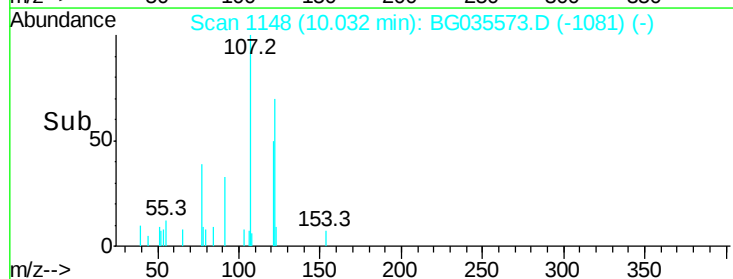
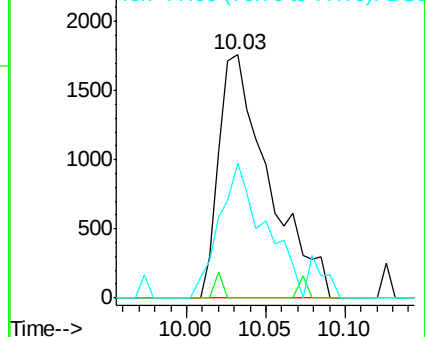
77 55.5 85.7 125.7#

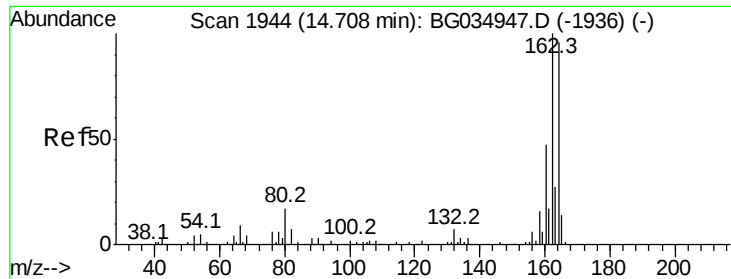


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

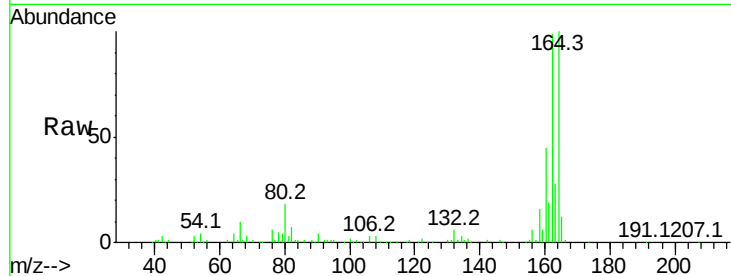




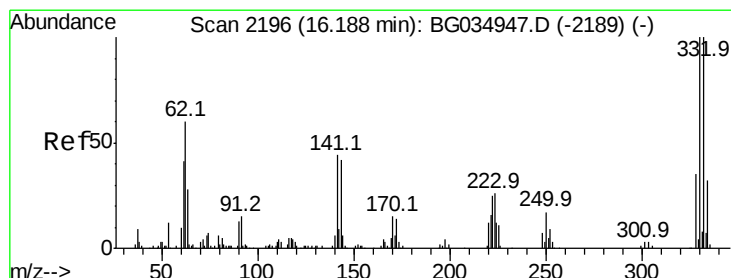
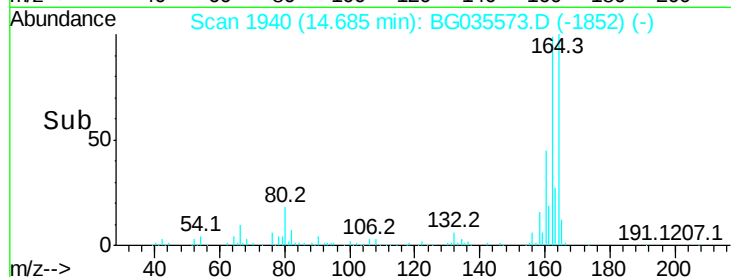
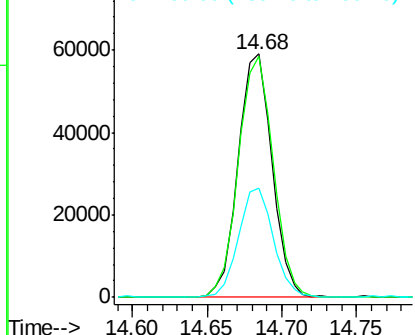
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035573.D
 Acq: 3 Jul 2018 6:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 93237
 Ion Ratio Lower Upper
 164 100
 162 99.1 78.8 118.2
 160 44.6 35.4 53.0

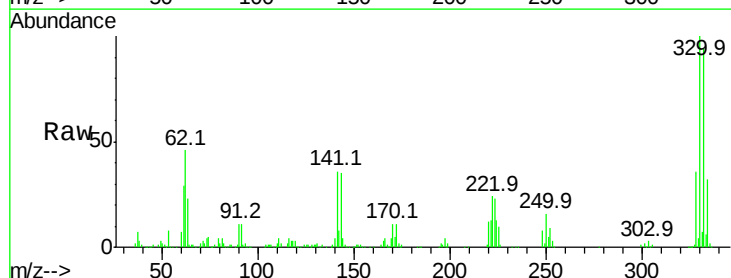


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

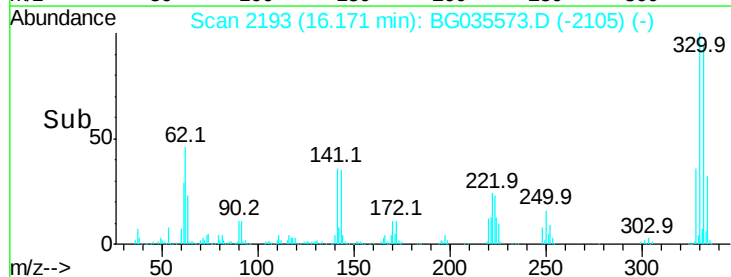
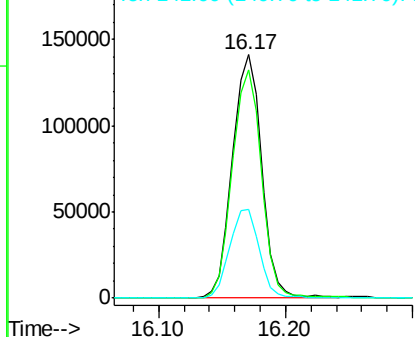


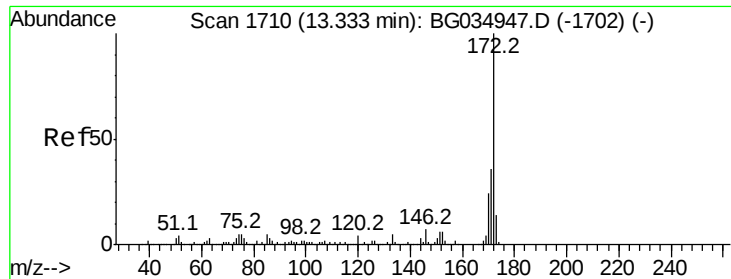
#41
 2,4,6-Tribromophenol
 Concen: 188.507 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035573.D
 Acq: 3 Jul 2018 6:03

Tgt Ion:330 Resp: 224993
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 36.8 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

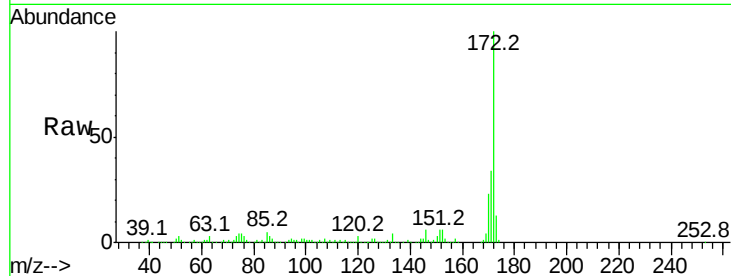




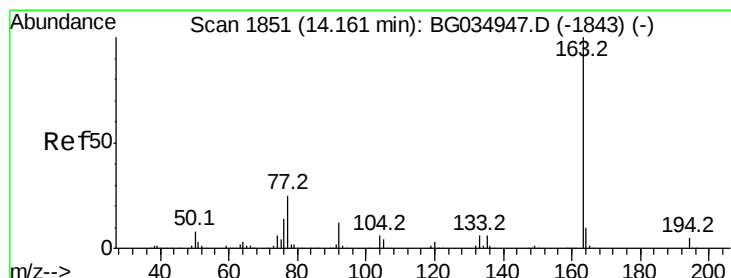
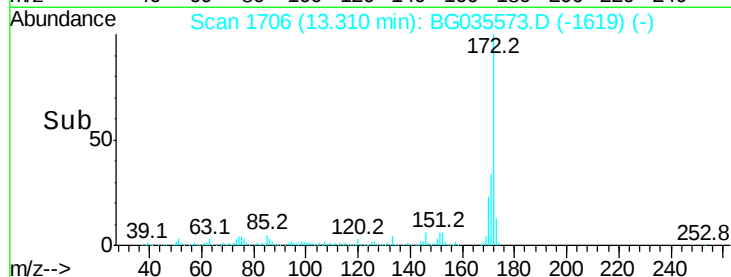
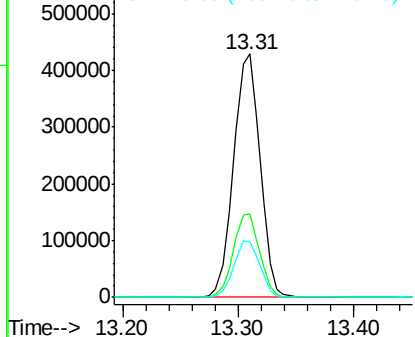
#44
2-Fluorobiphenyl
Concen: 95.113 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035573.D
Acq: 3 Jul 2018 6:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 682162
Ion Ratio Lower Upper
172 100
171 34.4 30.0 45.0
170 22.7 19.5 29.3

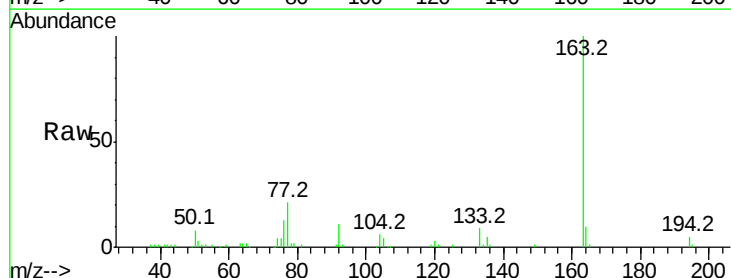


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

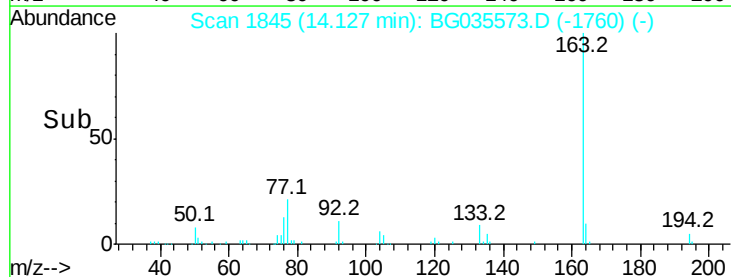
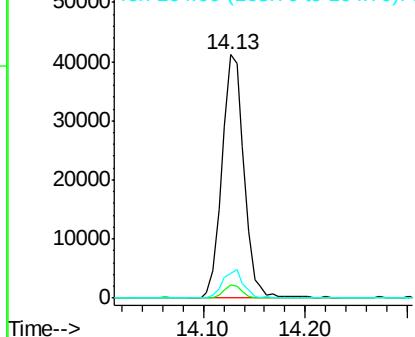


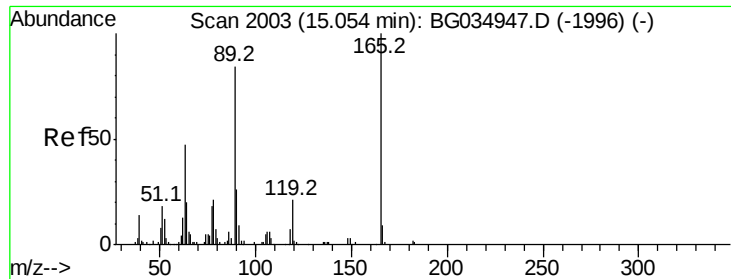
#49
Dimethylphthalate
Concen: 7.631 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035573.D
Acq: 3 Jul 2018 6:03

Tgt Ion:163 Resp: 62047
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 10.2 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

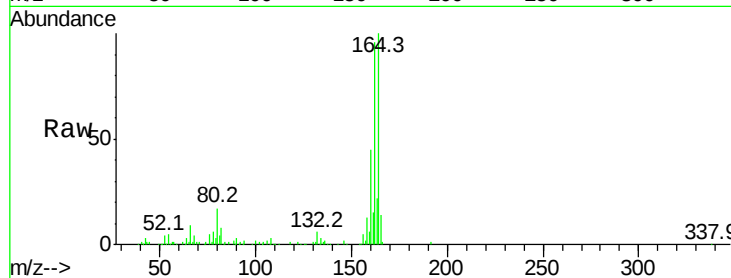




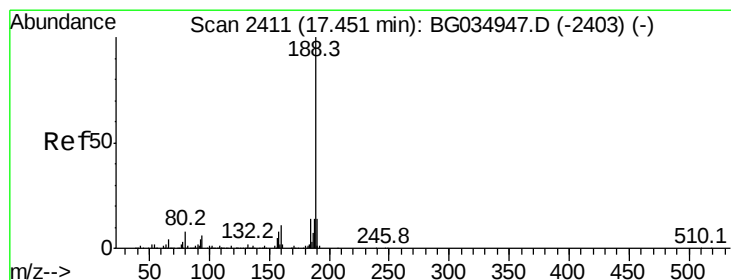
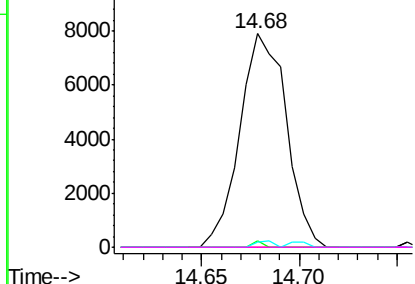
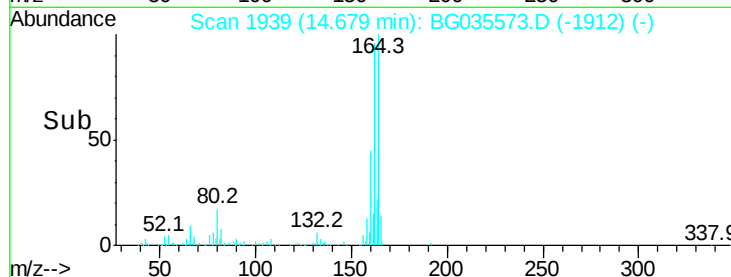
#56
 2,4-Dinitrotoluene
 Concen: 6.611 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035573.D
 Acq: 3 Jul 2018 6:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 13027
 Ion Ratio Lower Upper
 165 100
 63 3.0 42.0 63.0#
 89 2.3 66.9 100.3#
 182 0.0 2.6 3.8#

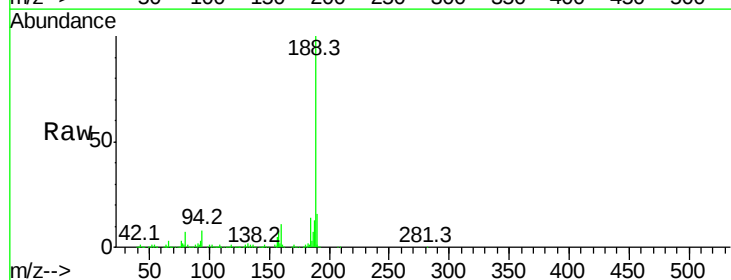


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

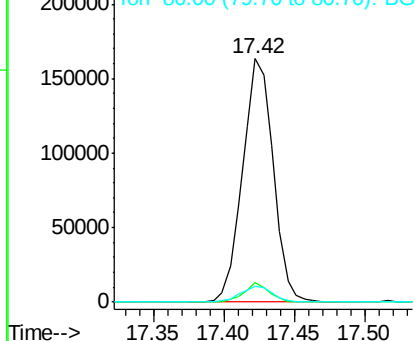
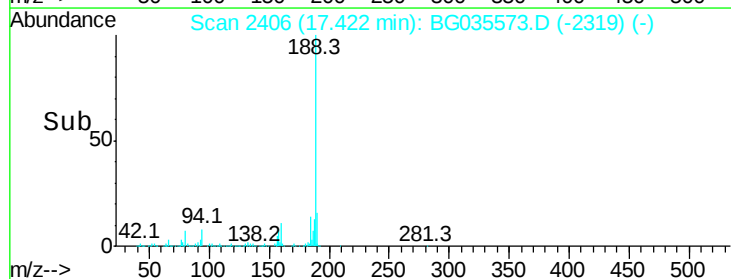


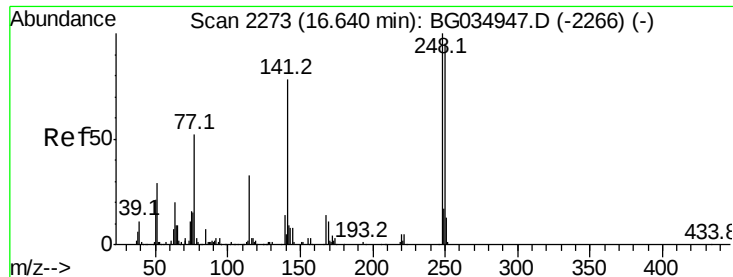
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035573.D
 Acq: 3 Jul 2018 6:03

Tgt Ion:188 Resp: 248729
 Ion Ratio Lower Upper
 188 100
 94 7.9 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

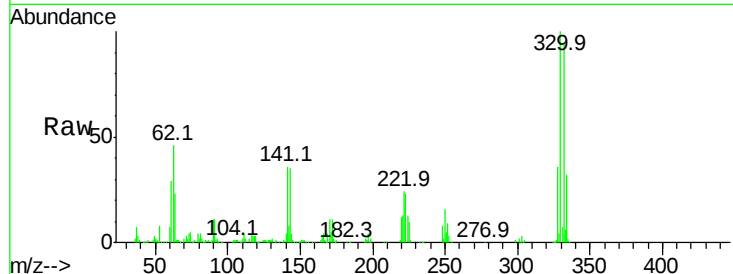




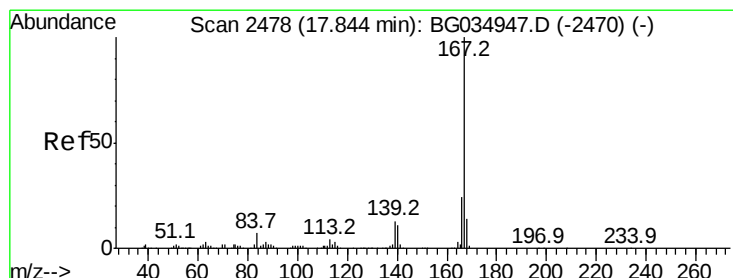
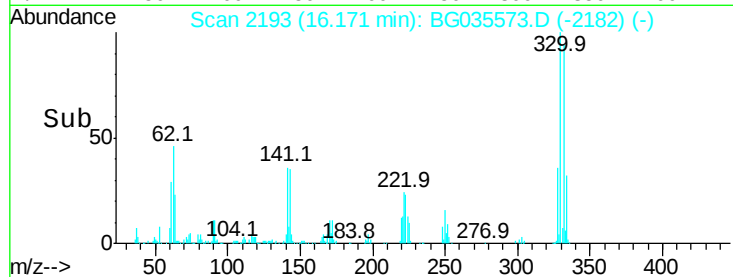
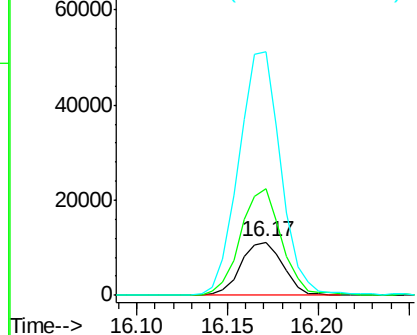
#66
4-Bromophenyl-phenylether
Concen: 6.005 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035573.D
Acq: 3 Jul 2018 6:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 17987
Ion Ratio Lower Upper
248 100
250 202.0 77.1 115.7#
141 460.1 50.8 76.2#

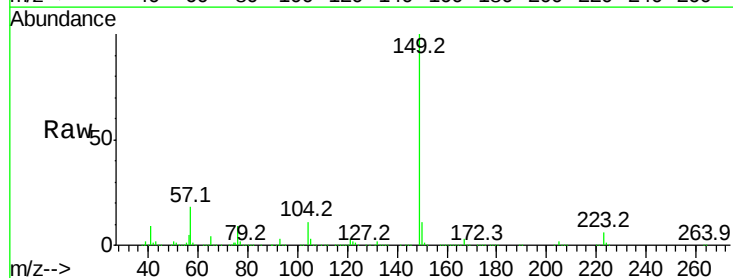


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

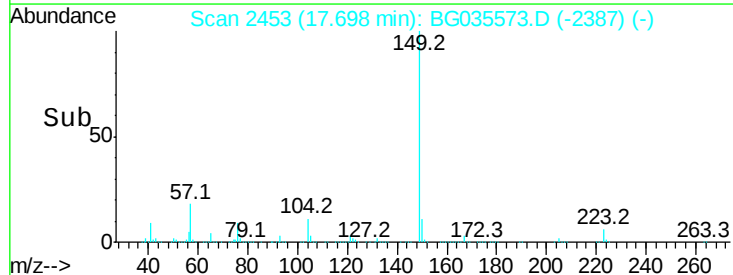
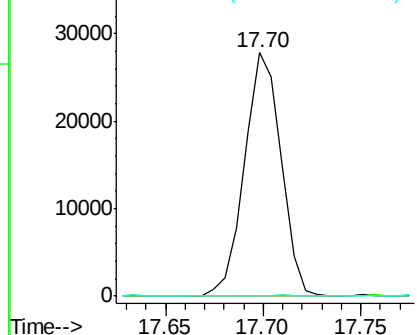


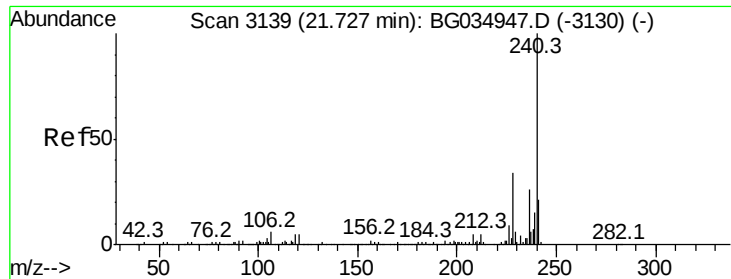
#72
Carbazole
Concen: 3.079 ng
RT: 17.70 min Scan# 2453
Delta R.T. -0.14 min
Lab File: BG035573.D
Acq: 3 Jul 2018 6:03

Tgt Ion:167 Resp: 36162
Ion Ratio Lower Upper
167 100
166 0.0 18.2 27.4#
139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

Instrument :

BNA_G

ClientSampleId :

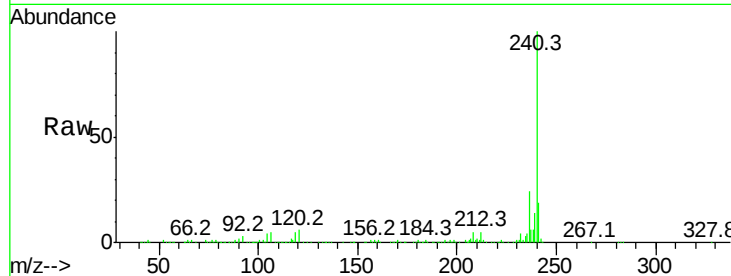
Tot Ion:240 Resp: 280188

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

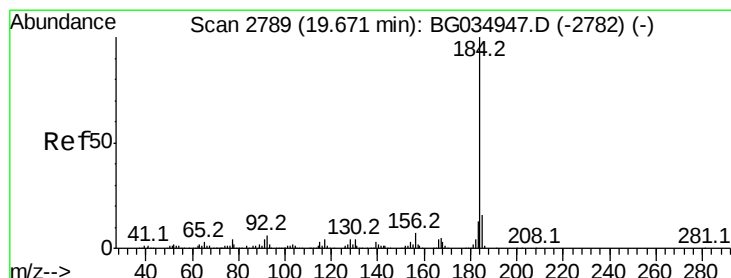
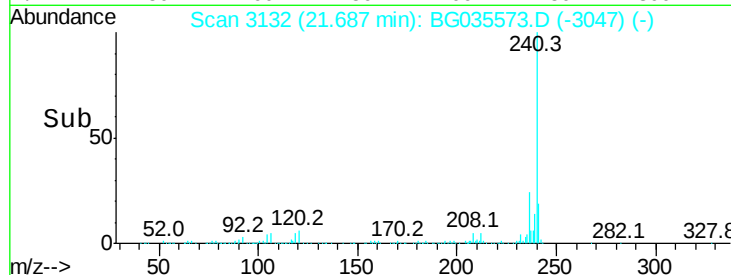
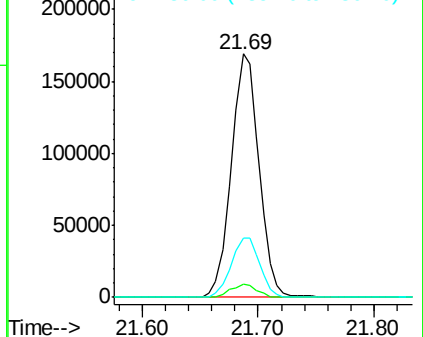
236 24.2 20.9 31.3



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: 2.353 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

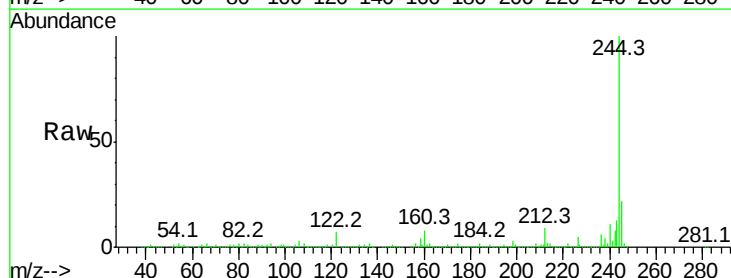
Tgt Ion:184 Resp: 24529

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

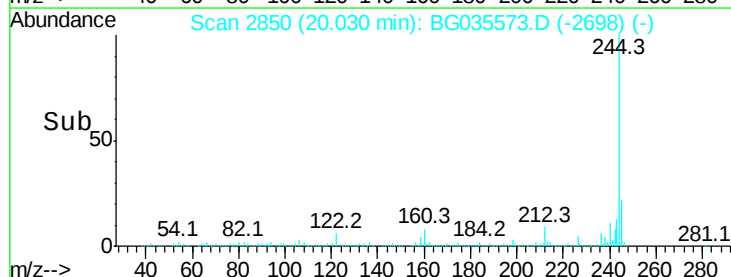
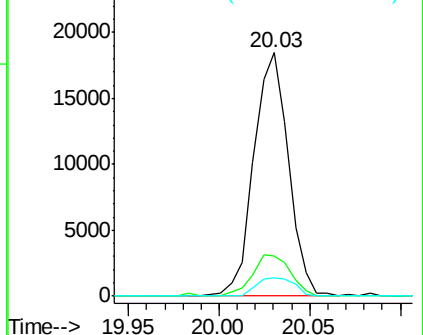
183 7.6 10.6 16.0#

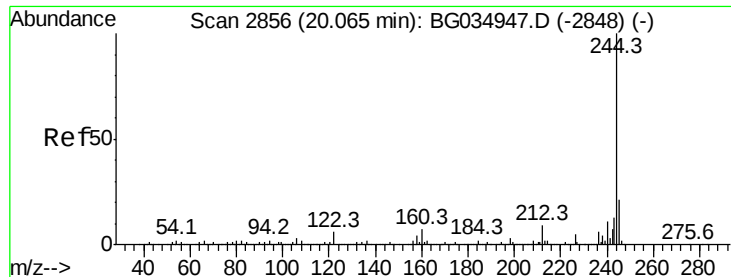


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 102.713 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

Instrument :

BNA_G

ClientSampleId :

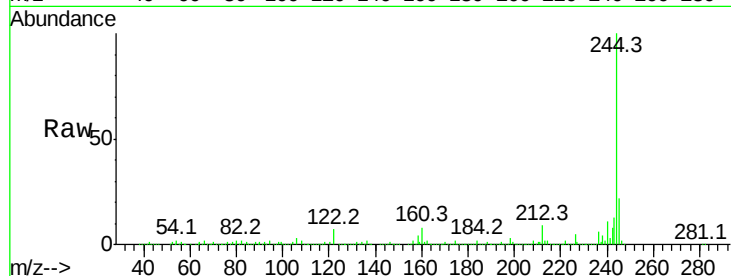
Tot Ion:244 Resp: 1373910

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

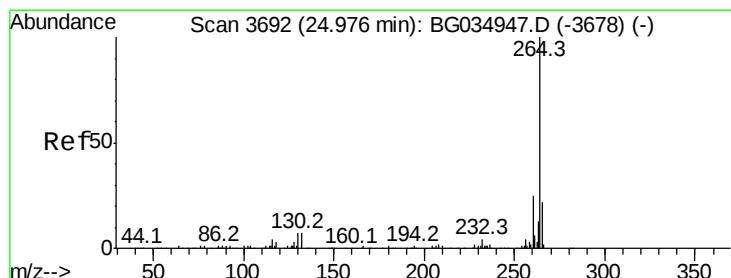
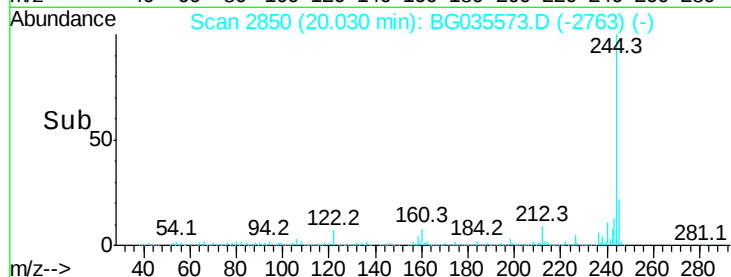
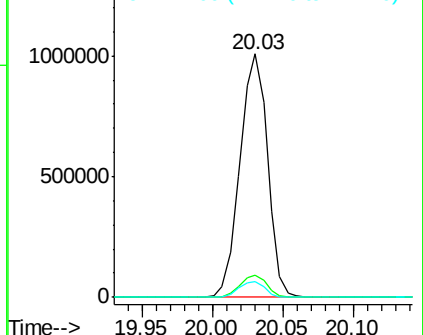
122 6.5 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035573.D

Acq: 3 Jul 2018 6:03

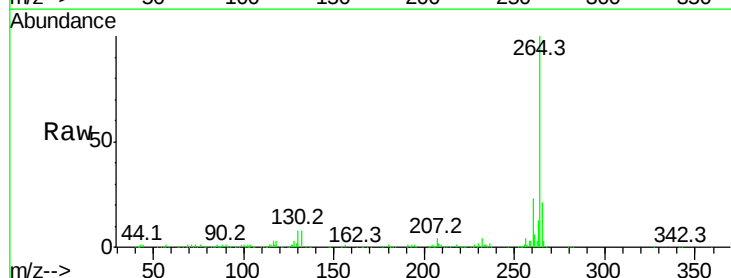
Tgt Ion:264 Resp: 274498

Ion Ratio Lower Upper

264 100

260 23.2 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

