

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035576.D
 Acq On : 3 Jul 2018 7:59
 Operator : JU/SJ
 Sample : J3800-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 08:34:03 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

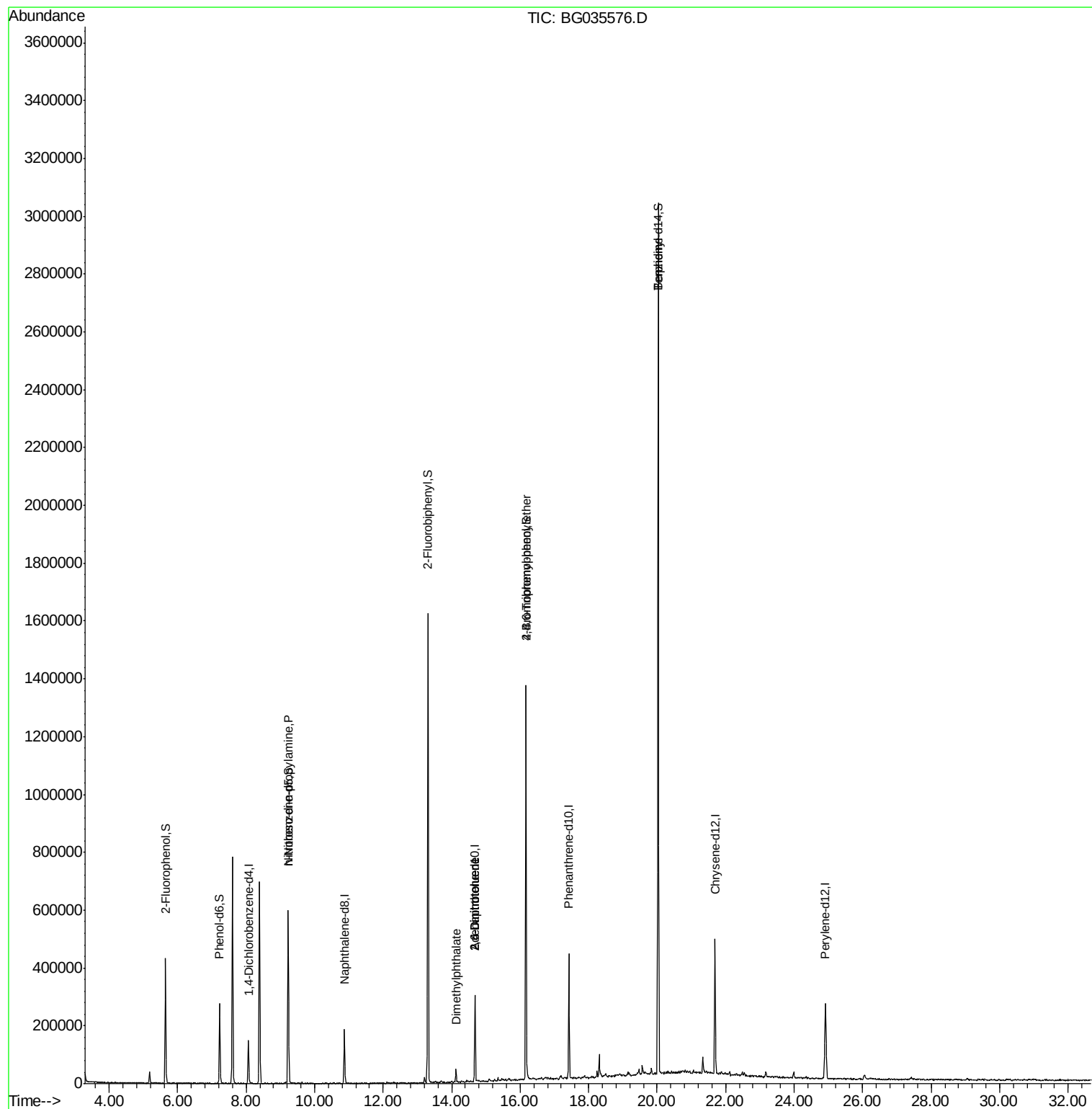
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	42370	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	158714	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	109995	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	266971	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	284904	20.00	ng	-0.03
86) Perylene-d12	24.91	264	275039	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	187951	74.86	ng	0.00
7) Phenol-d6	7.23	99	168843	45.56	ng	0.00
23) Nitrobenzene-d5	9.23	82	402924	120.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	263639	187.23	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	892652	105.50	ng	-0.02
78) Terphenyl-d14	20.03	244	1438047	105.73	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	54573	17.335	ng	# 67
49) Dimethylphthalate	14.13	163	28328	2.953	ng	# 99
50) 2,6-Dinitrotoluene	14.68	165	15004	8.574	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	15004	6.455	ng	# 18
66) 4-Bromophenyl-phenylether	16.17	248	19641	6.109	ng	# 1
76) Benzidine	20.03	184	25885	2.442	ng	# 94

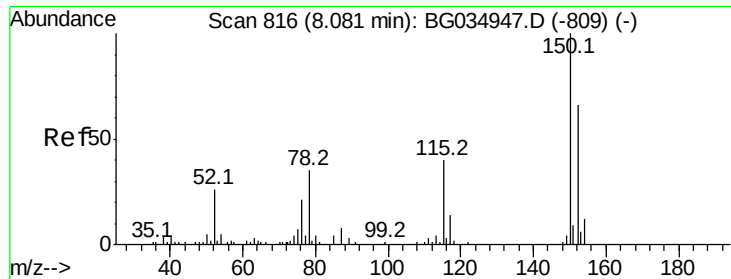
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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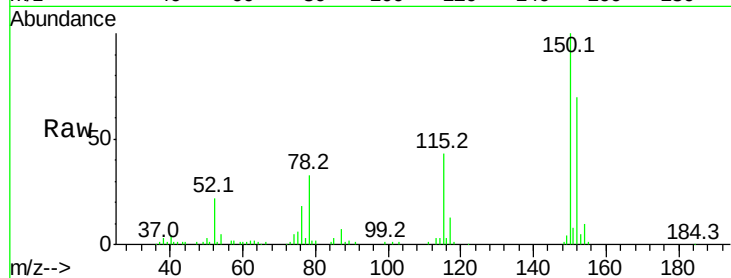


#1

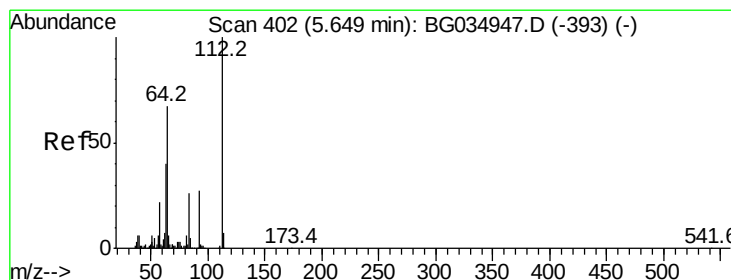
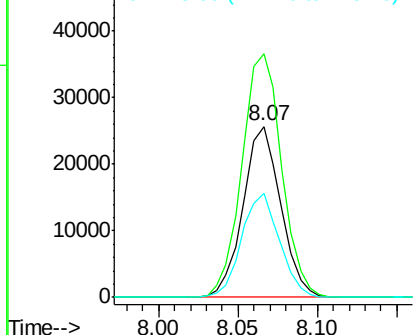
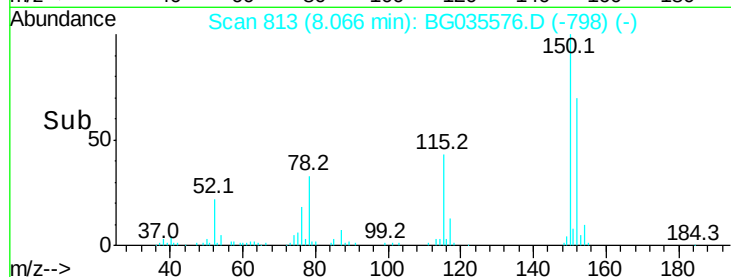
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42370
Ion Ratio Lower Upper
152 100
150 142.7 126.6 189.8
115 60.7 53.0 79.4



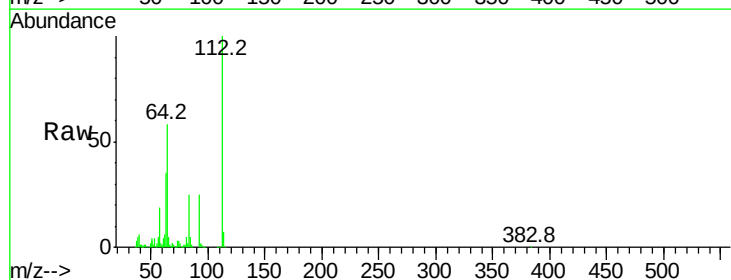
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



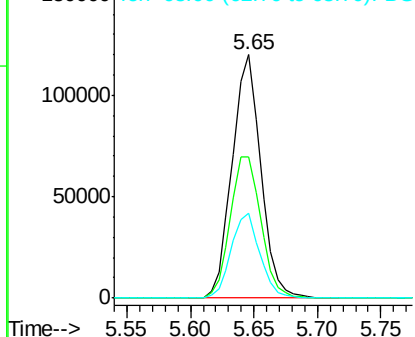
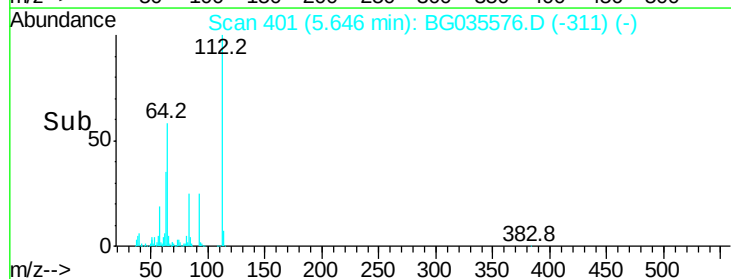
#5

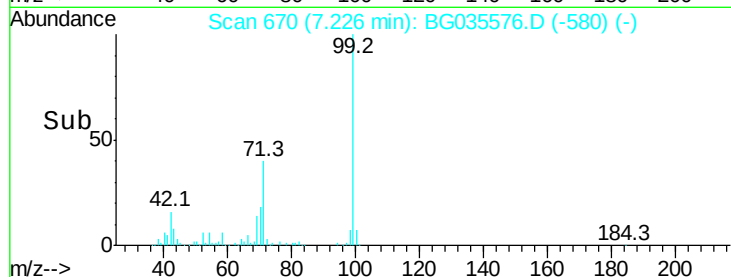
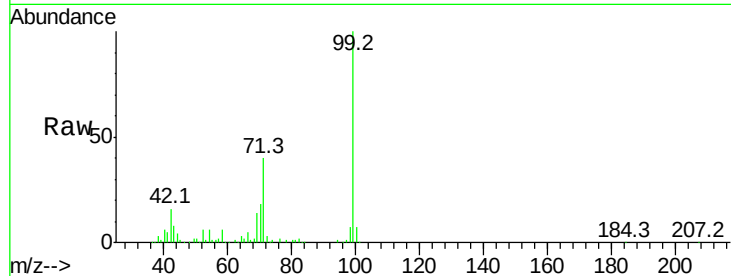
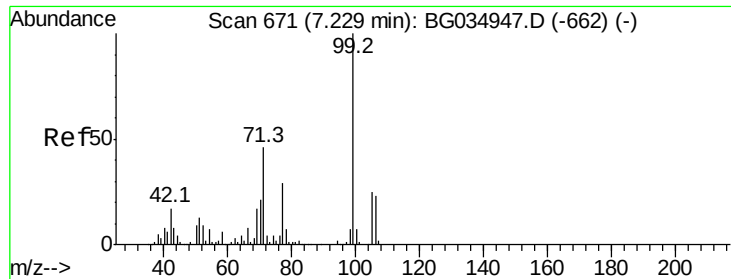
2-Fluorophenol
Concen: 74.861 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:112 Resp: 187951
Ion Ratio Lower Upper
112 100
64 58.0 56.3 84.5
63 34.7 30.1 45.1



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





#7

Phenol-d6

Concen: 45.565 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035576.D

Acq: 3 Jul 2018 7:59

Instrument :

BNA_G

ClientSampleId :

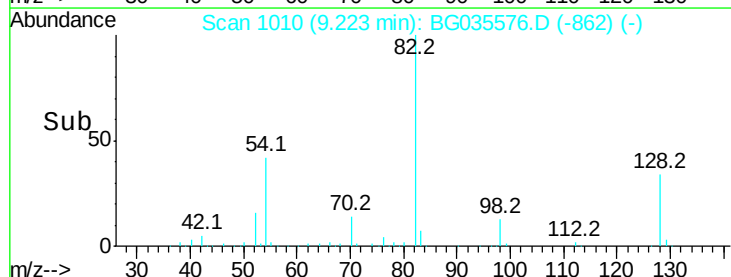
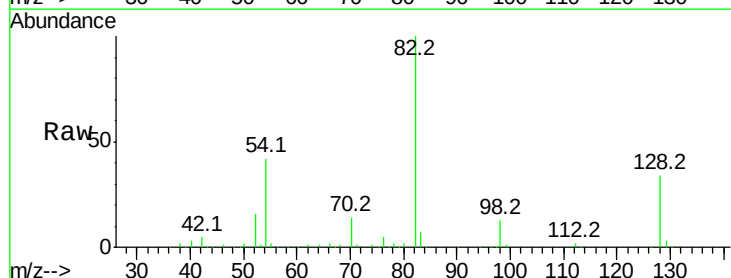
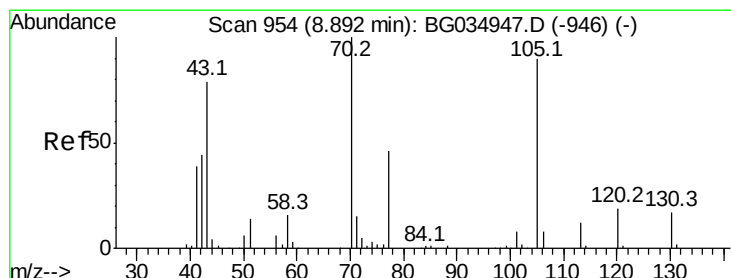
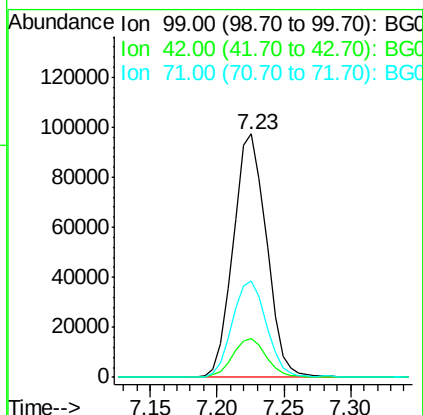
Tot Ion: 99 Resp: 168843

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 39.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.335 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035576.D

Acq: 3 Jul 2018 7:59

Tgt Ion: 70 Resp: 54573

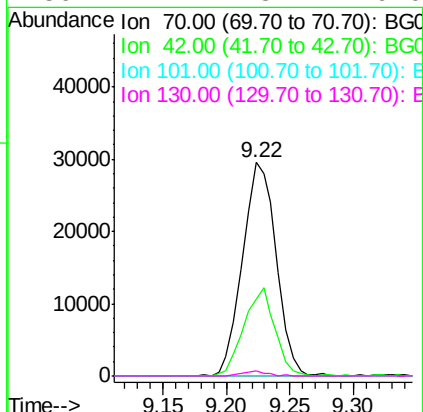
Ion Ratio Lower Upper

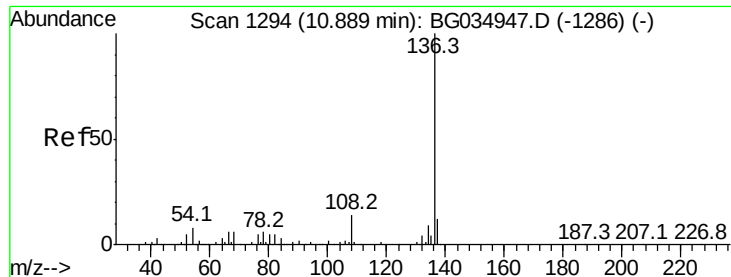
70 100

42 36.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

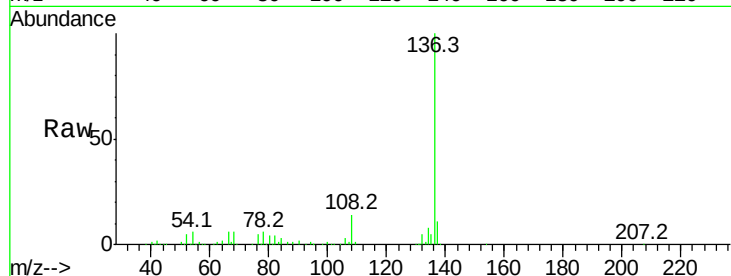




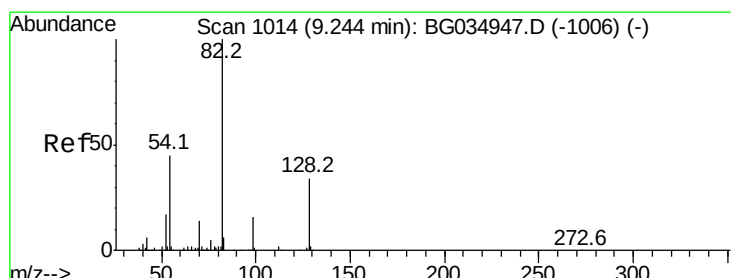
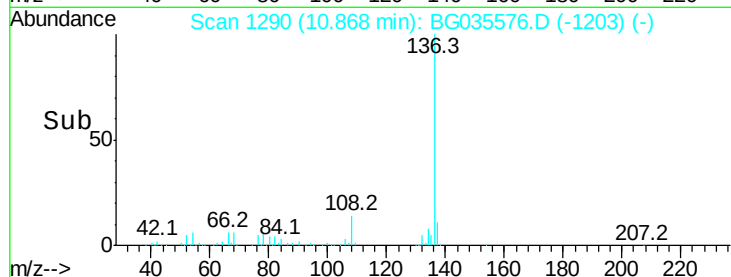
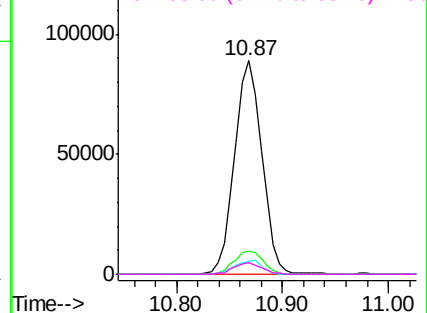
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	158714
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	5.8	10.3	15.5#
68	5.5	4.5	6.7

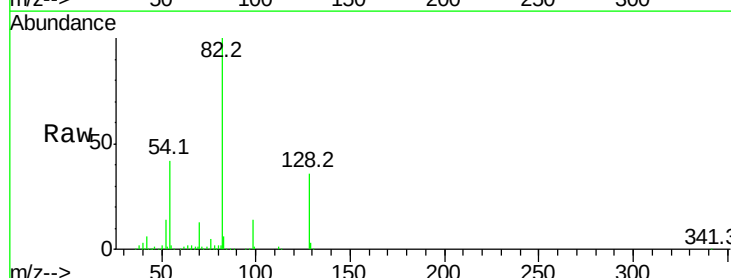


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

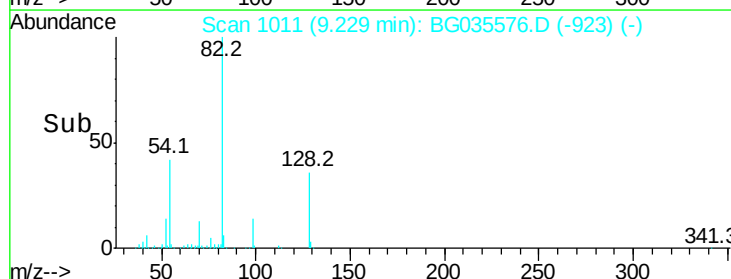
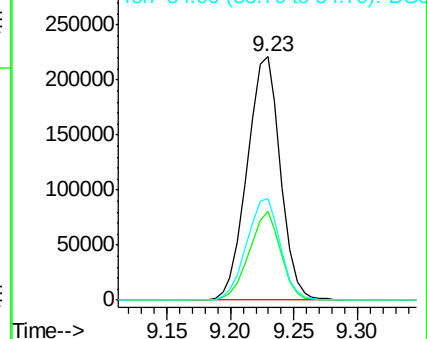


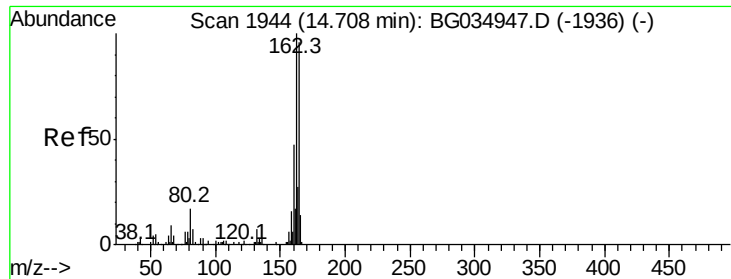
#23
Nitrobenzene-d5
Concen: 120.674 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion:	82	Resp:	402924
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.7	44.5
54	41.6	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

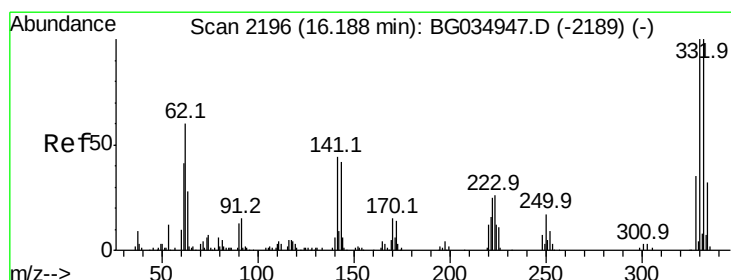
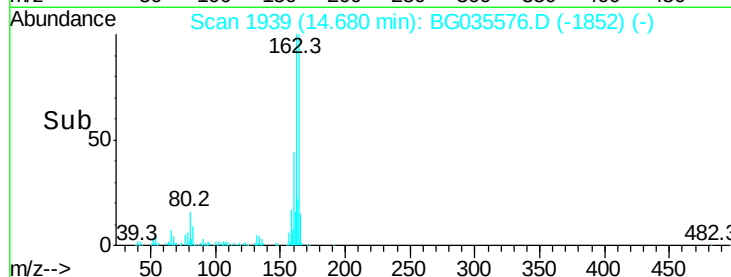
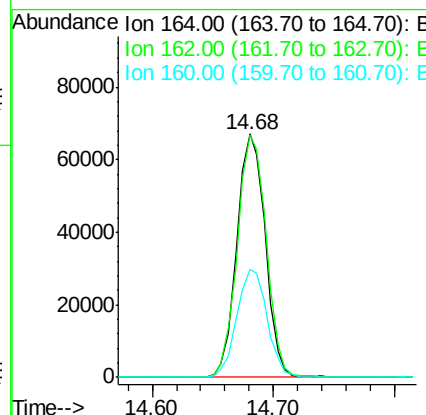
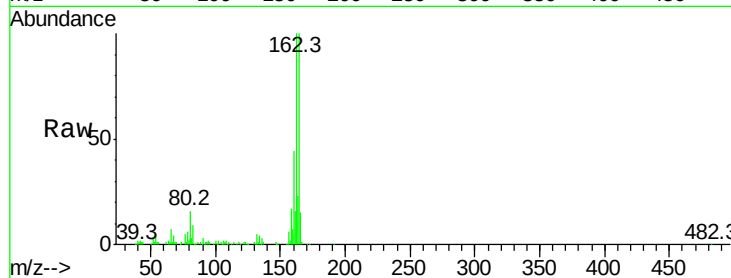




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035576.D
 Acq: 3 Jul 2018 7:59

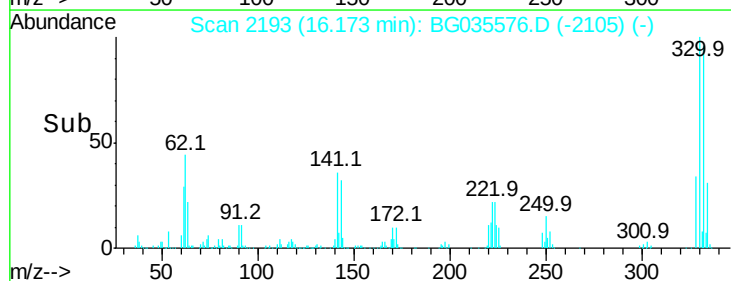
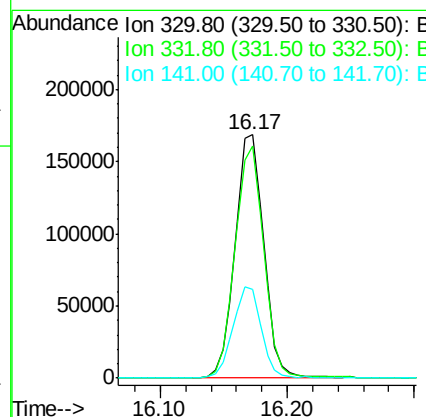
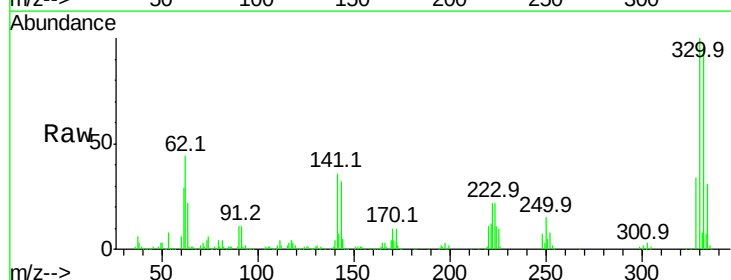
Instrument :
 BNA_G
 ClientSampleId :

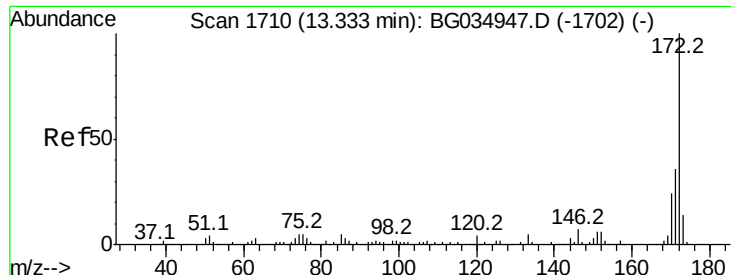
Tot Ion:164 Resp: 109995
 Ion Ratio Lower Upper
 164 100
 162 99.7 78.8 118.2
 160 44.4 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 187.234 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035576.D
 Acq: 3 Jul 2018 7:59

Tgt Ion:330 Resp: 263639
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.1 25.2 37.8

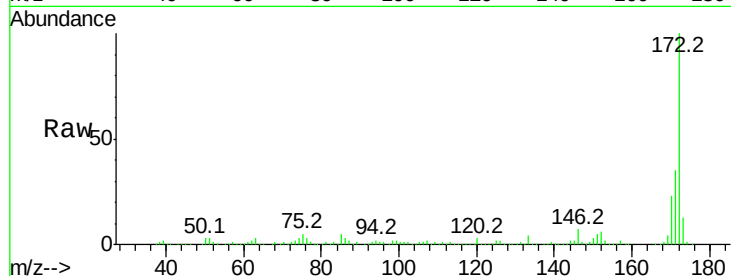




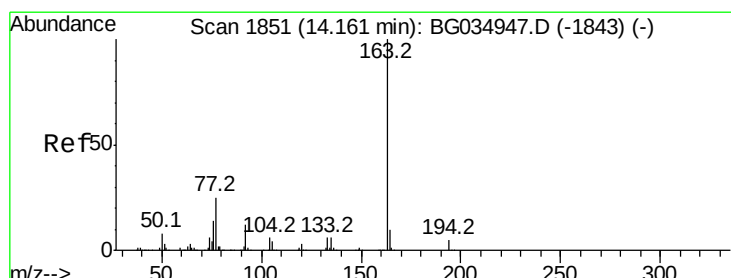
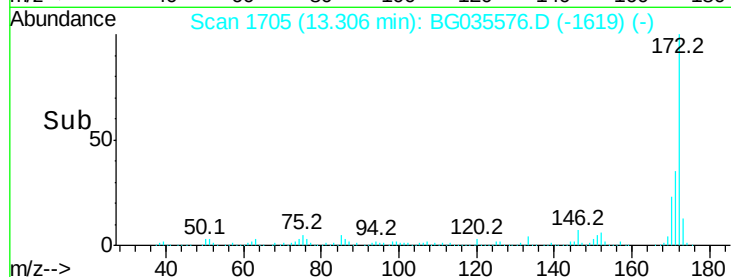
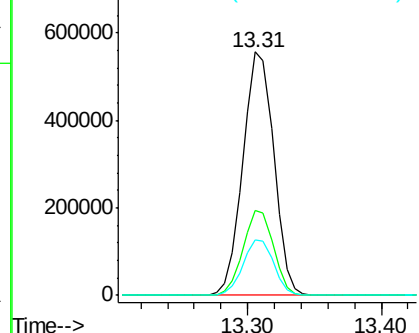
#44
2-Fluorobiphenyl
Concen: 105.500 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.7	19.5	29.3

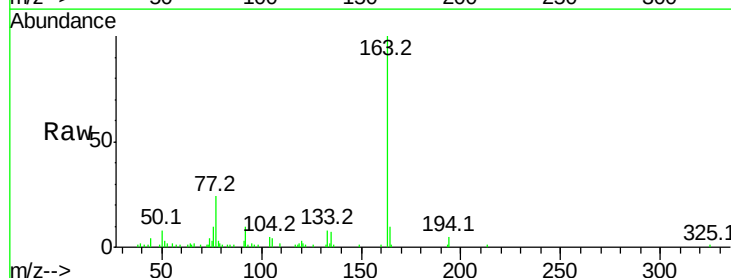


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

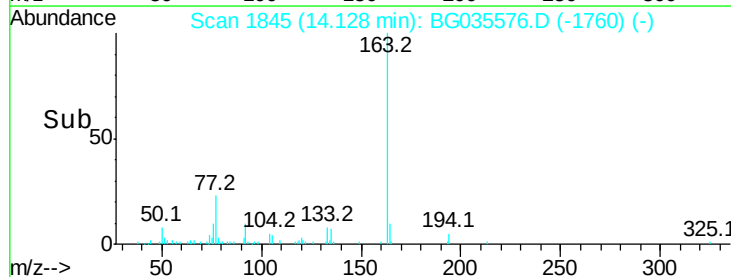
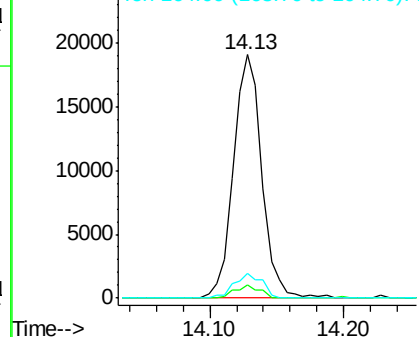


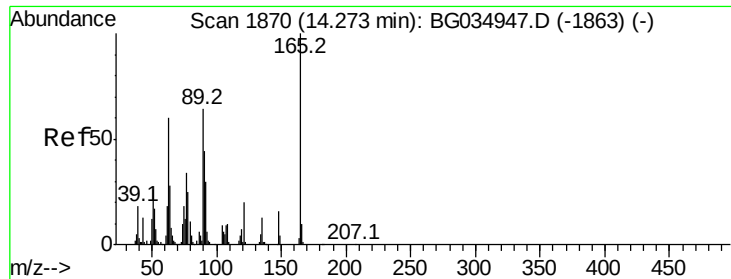
#49
Dimethylphthalate
Concen: 2.953 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035576.D
Acq: 3 Jul 2018 7:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.1	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

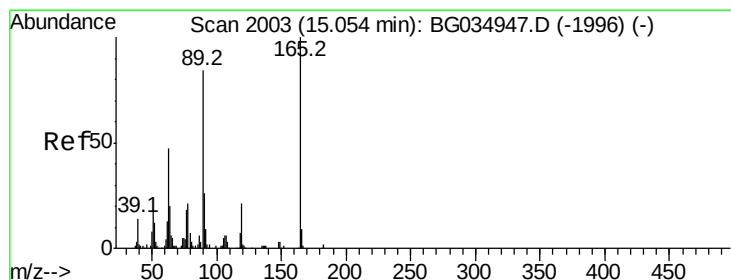
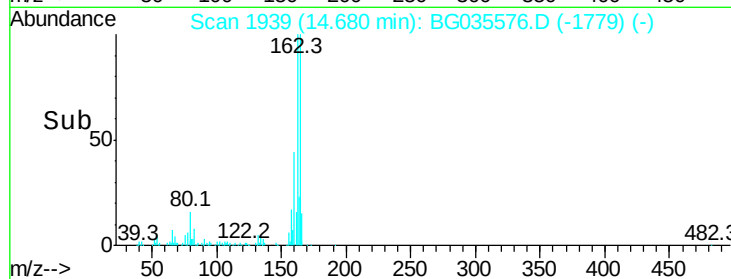
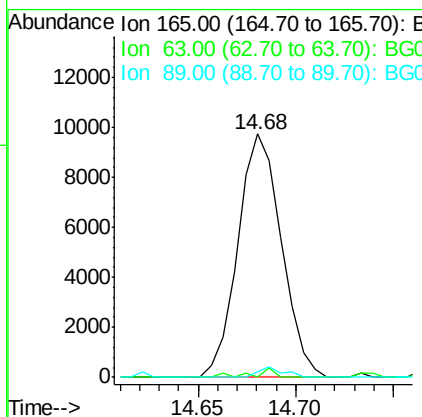
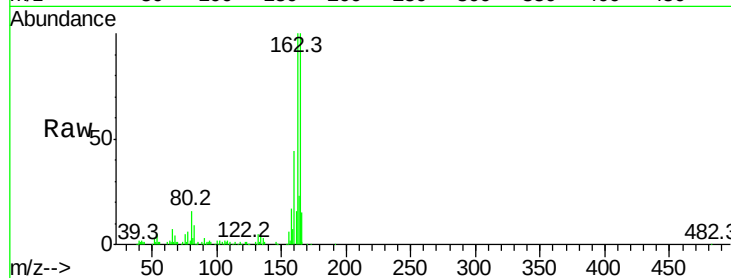




#50
 2,6-Dinitrotoluene
 Concen: 8.574 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035576.D
 Acq: 3 Jul 2018 7:59

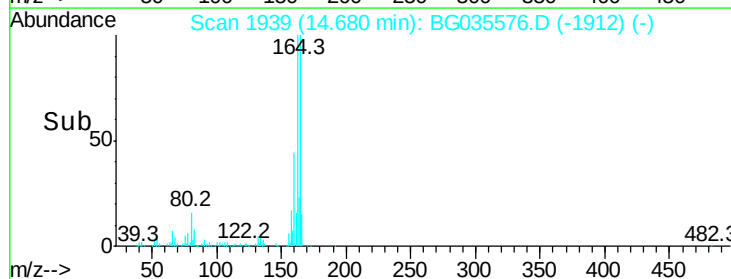
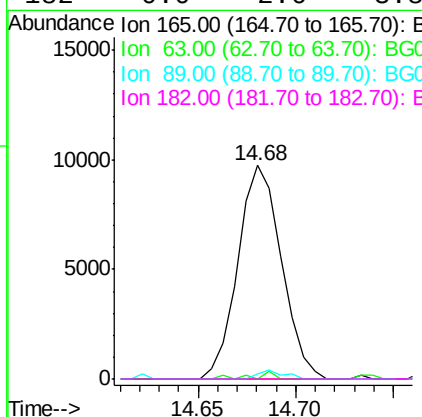
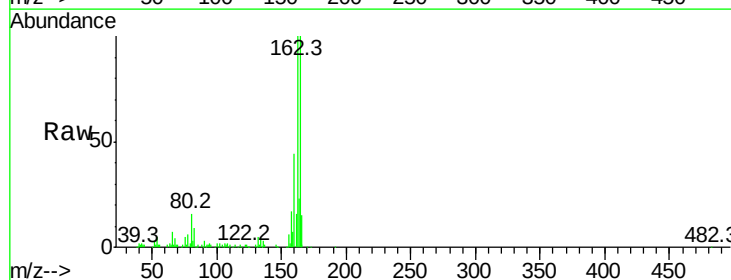
Instrument :
 BNA_G
 ClientSampleId :

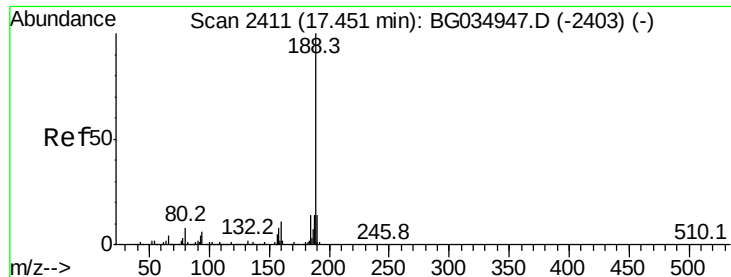
Tot Ion:165 Resp: 15004
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.2 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.455 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035576.D
 Acq: 3 Jul 2018 7:59

Tgt Ion:165 Resp: 15004
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.2 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: BG035576.D

Acq: 3 Jul 2018 7:59

Instrument :

BNA_G

ClientSampleId :

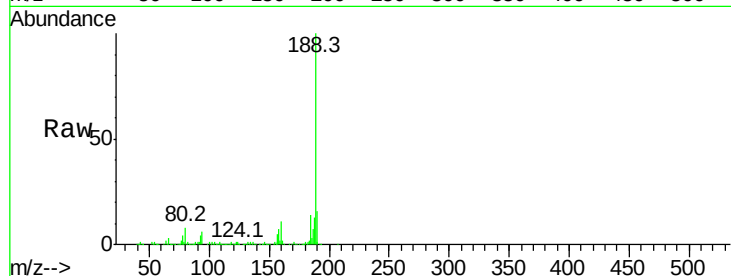
Tot Ion:188 Resp: 266971

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

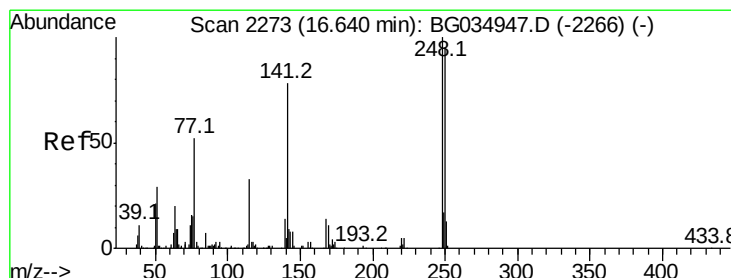
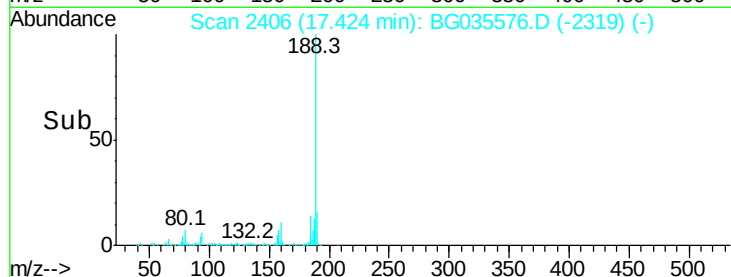
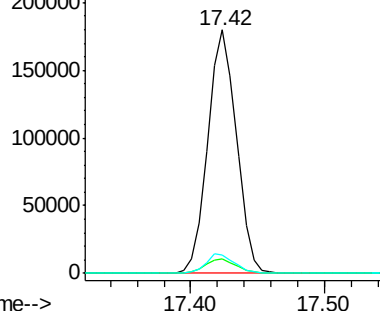
80 7.5 7.7 11.5#



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: 6.109 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035576.D

Acq: 3 Jul 2018 7:59

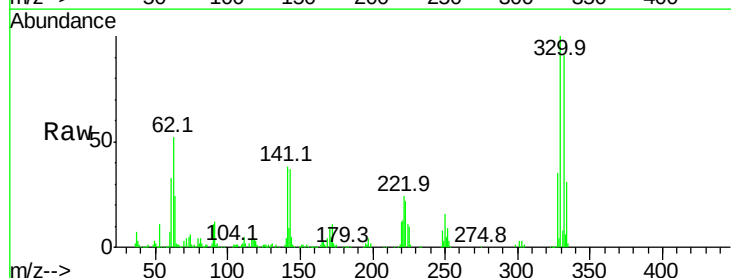
Tgt Ion:248 Resp: 19641

Ion Ratio Lower Upper

248 100

250 206.9 77.1 115.7#

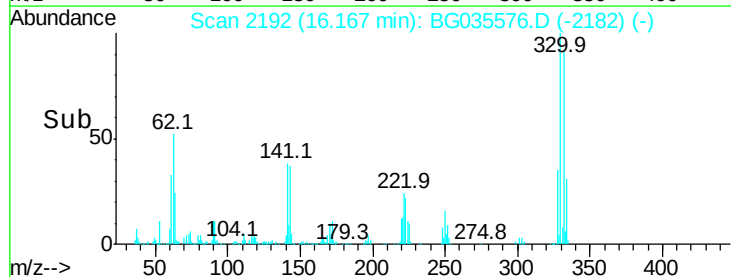
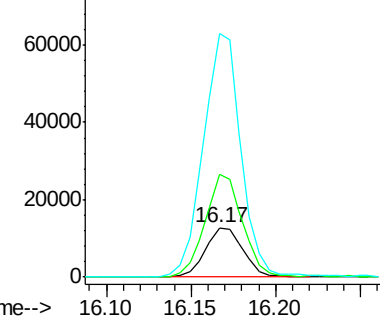
141 492.0 50.8 76.2#

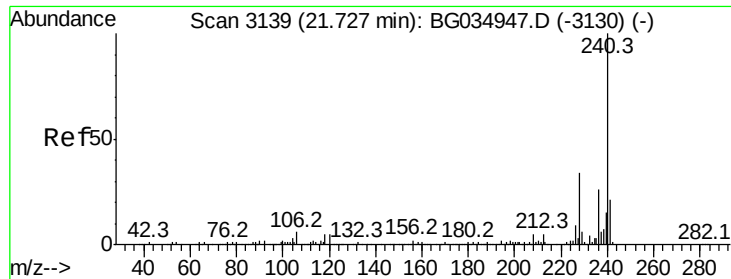


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG035576.D

Acq: 3 Jul 2018 7:59

Instrument :

BNA_G

ClientSampled :

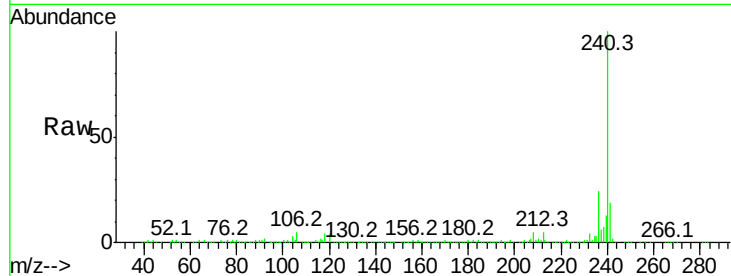
Tot Ion:240 Resp: 284904

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

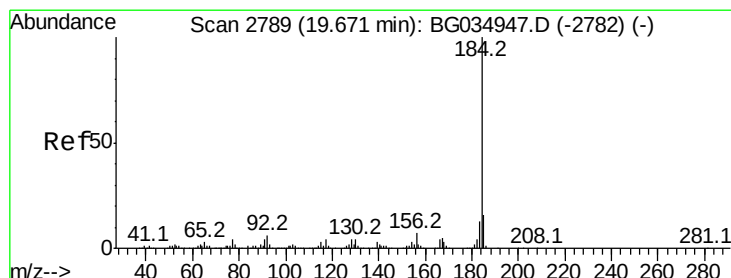
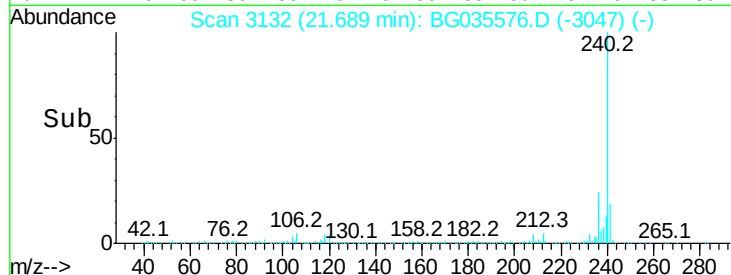
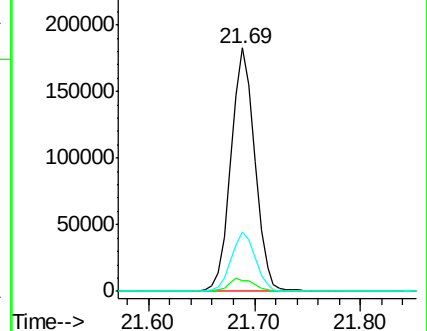
236 24.1 20.9 31.3



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: 2.442 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.37 min

Lab File: BG035576.D

Acq: 3 Jul 2018 7:59

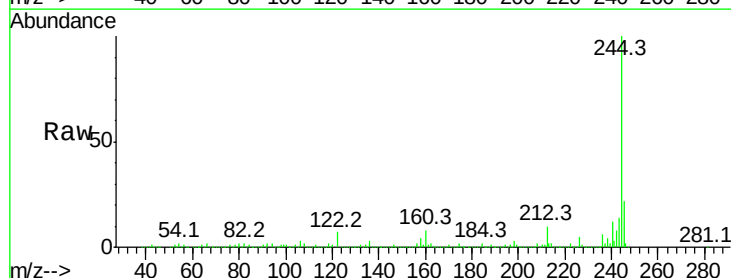
Tgt Ion:184 Resp: 25885

Ion Ratio Lower Upper

184 100

185 13.3 11.1 16.7

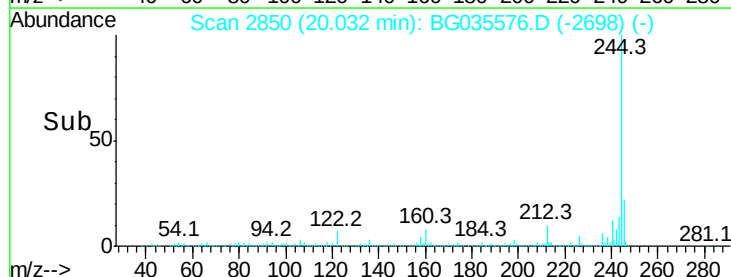
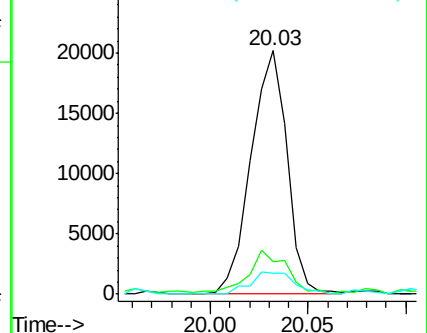
183 8.7 10.6 16.0#

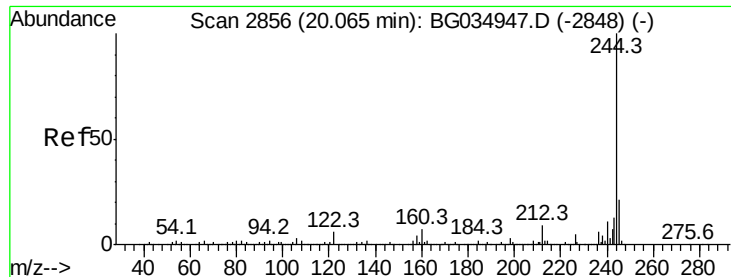


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 105.728 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035576.D

Acq: 3 Jul 2018 7:59

Instrument :

BNA_G

ClientSampled :

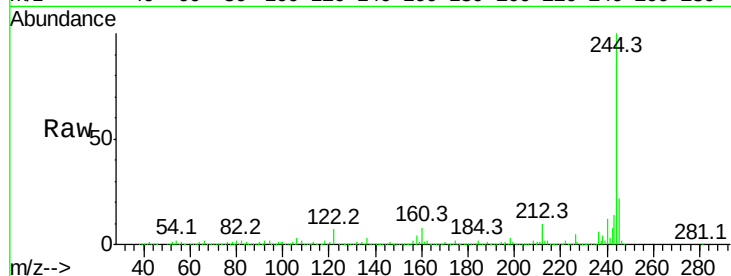
Tot Ion:244 Resp: 1438047

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	6.6	7.0	10.4#

244 100

212 9.8 5.8 8.8#

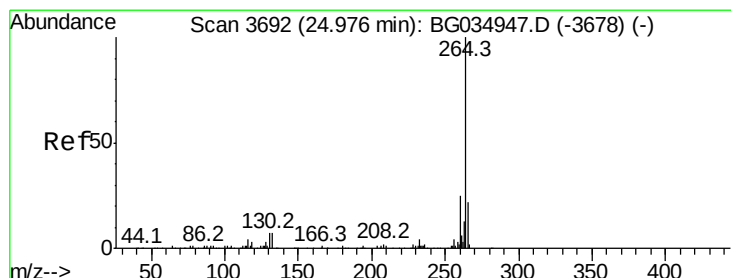
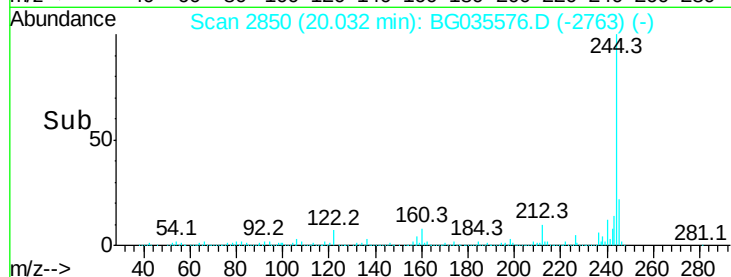
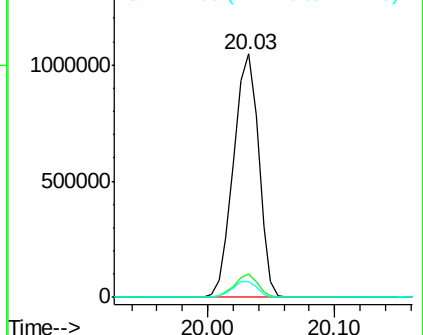
122 6.6 7.0 10.4#



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: BG035576.D

Acq: 3 Jul 2018 7:59

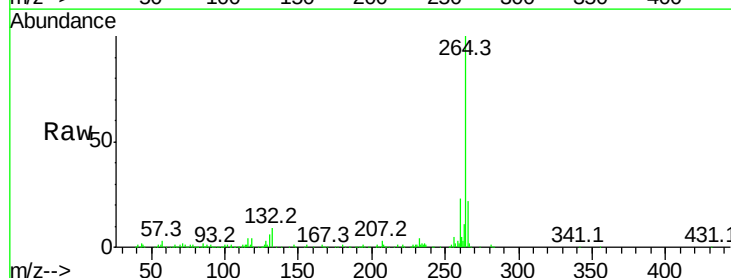
Tgt Ion:264 Resp: 275039

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	17.7	26.5

264 100

260 23.3 17.4 26.0

265 22.5 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

