

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035210.D
 Acq On : 16 Jun 2018 16:17
 Operator : SJ/JU
 Sample : J3487-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 18 01:21:09 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

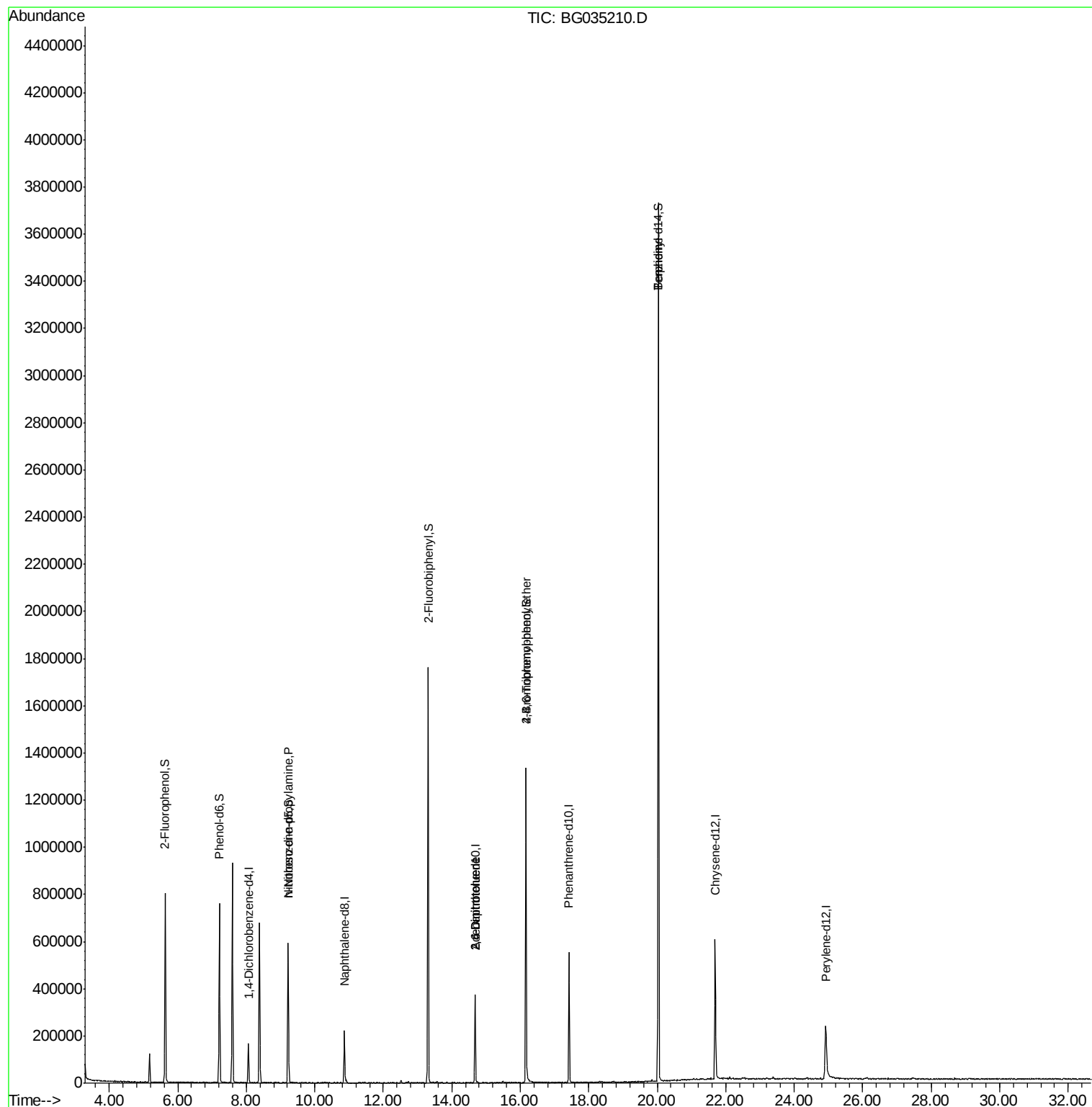
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47352	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	175338	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	133462	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	369604	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	388210	20.00	ng	-0.02
86) Perylene-d12	24.92	264	318268	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	349407	124.53	ng	-0.01
7) Phenol-d6	7.22	99	457748	110.53	ng	0.00
23) Nitrobenzene-d5	9.22	82	400453	108.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	263383	154.16	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	931427	90.73	ng	-0.02
78) Terphenyl-d14	20.04	244	1775492	95.80	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53657	15.251	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	18534	8.729	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	18534	6.571	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	20578	4.623	ng	# 1
76) Benzidine	20.04	184	31614	2.189	ng	# 95

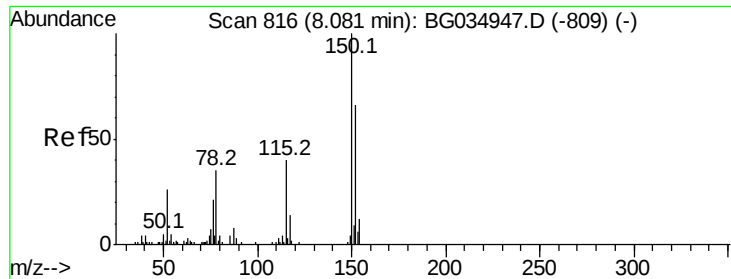
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035210.D
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 18 01:21:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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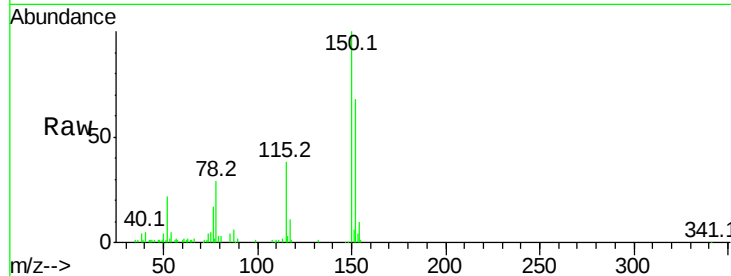


#1

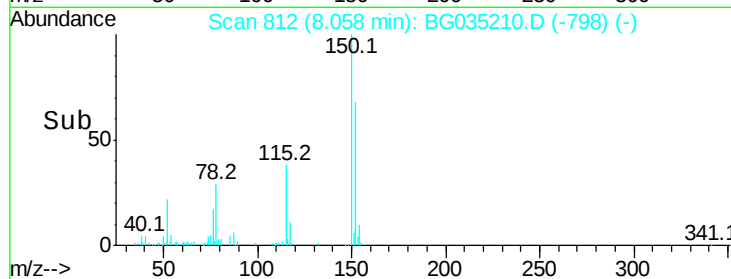
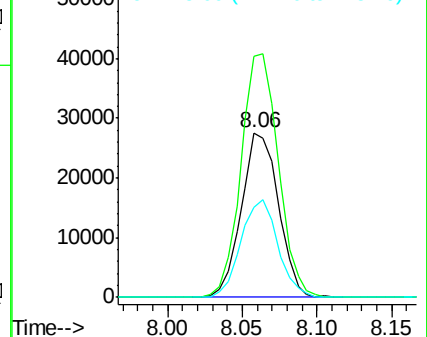
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035210.D
Acq: 16 Jun 2018 16:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47352
Ion Ratio Lower Upper
152 100
150 146.7 126.6 189.8
115 55.1 53.0 79.4



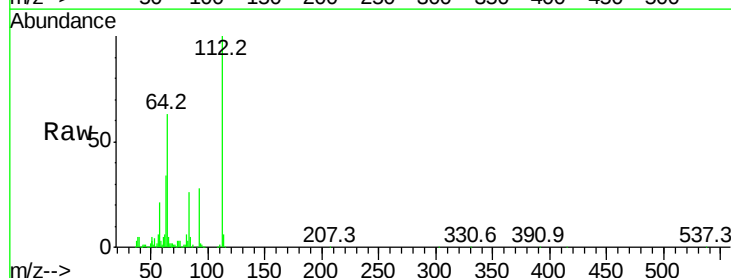
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



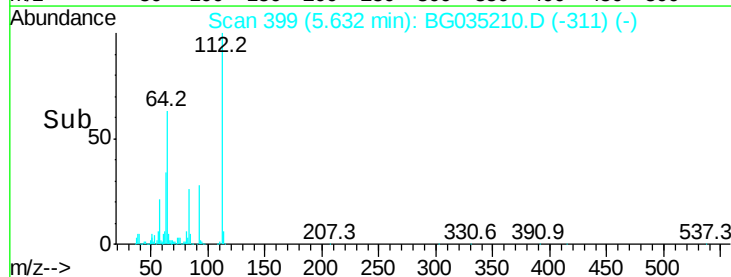
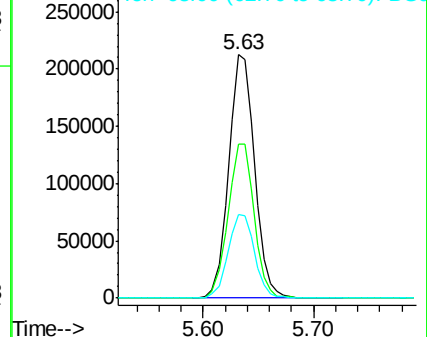
#5

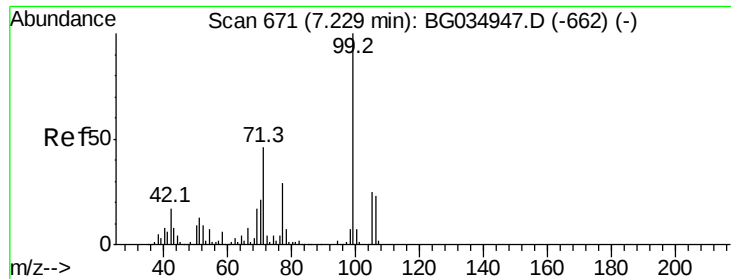
2-Fluorophenol
Concen: 124.527 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035210.D
Acq: 16 Jun 2018 16:17

Tgt Ion:112 Resp: 349407
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 34.4 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: 110.533 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Instrument :

BNA_G

ClientSampleId :

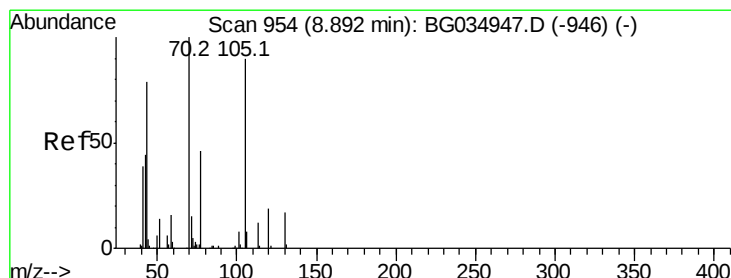
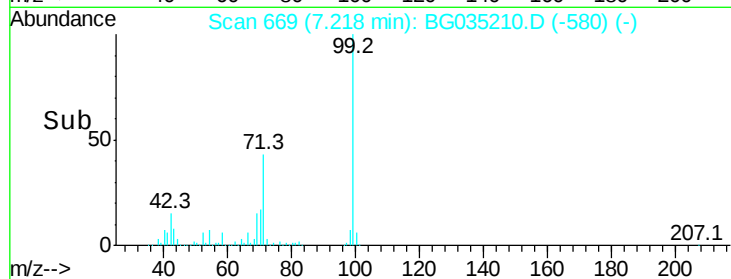
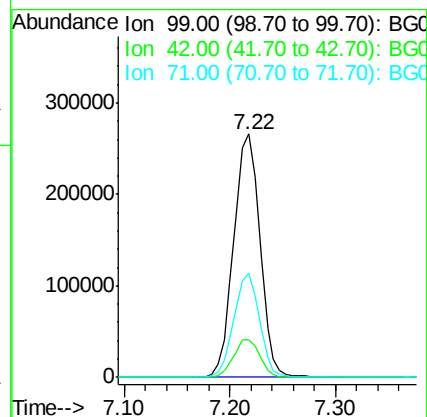
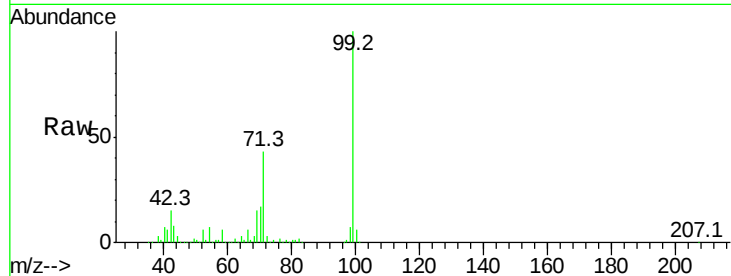
Tot Ion: 99 Resp: 457748

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 42.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.251 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Tgt Ion: 70 Resp: 53657

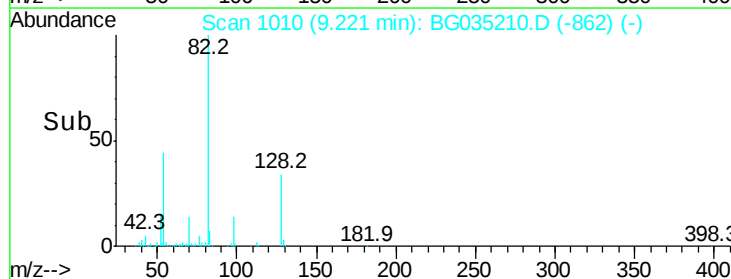
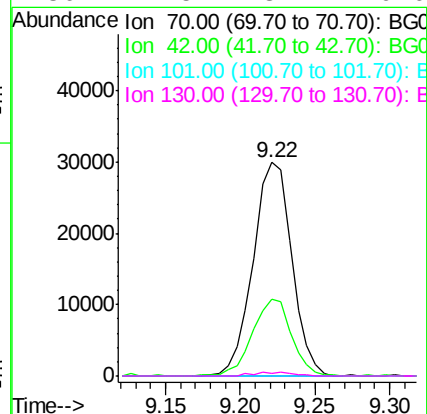
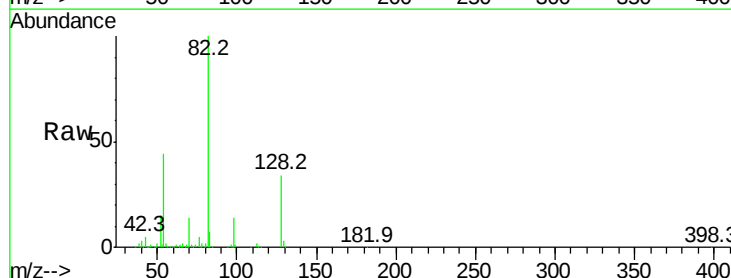
Ion Ratio Lower Upper

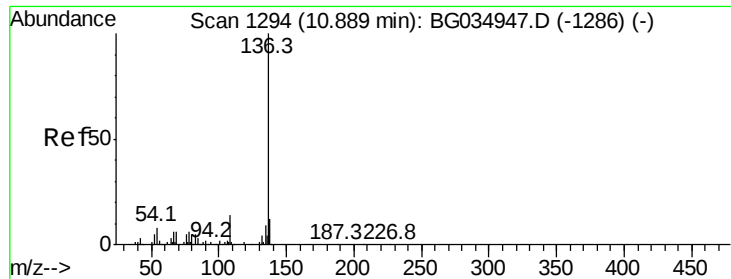
70 100

42 36.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 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: BG035210.D

Acq: 16 Jun 2018 16:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 175338

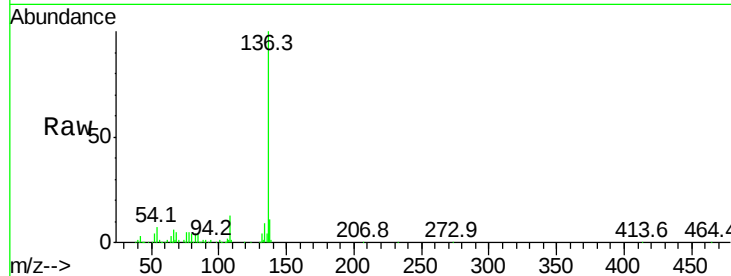
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.3 10.3 15.5

68 5.2 4.5 6.7

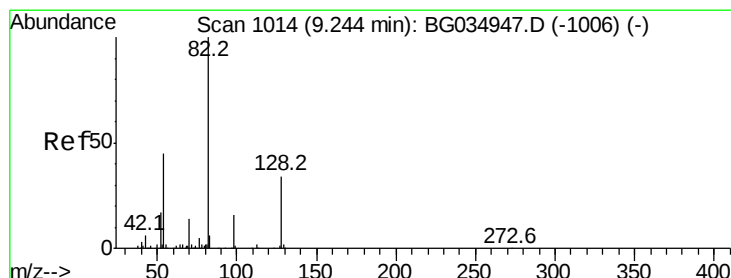
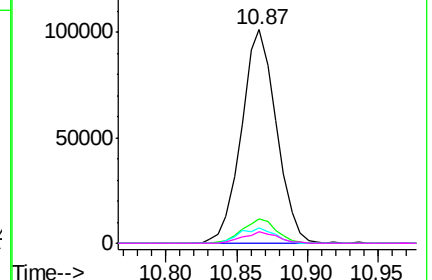
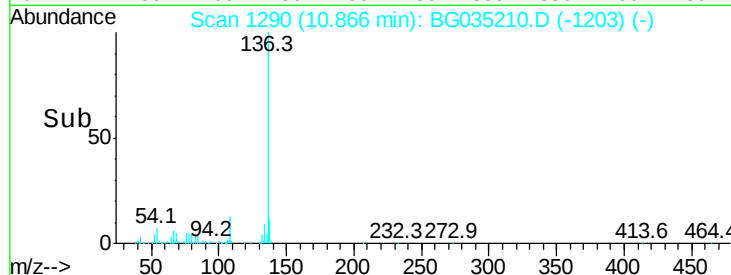


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.563 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

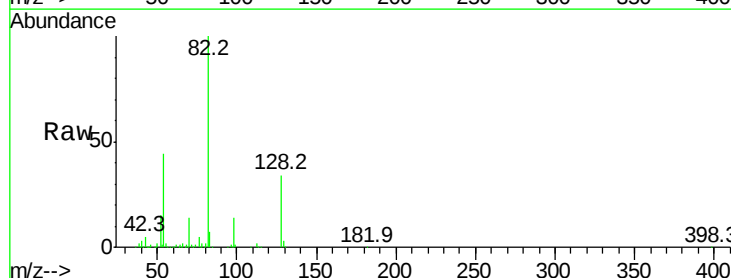
Tgt Ion: 82 Resp: 400453

Ion Ratio Lower Upper

82 100

128 34.2 29.7 44.5

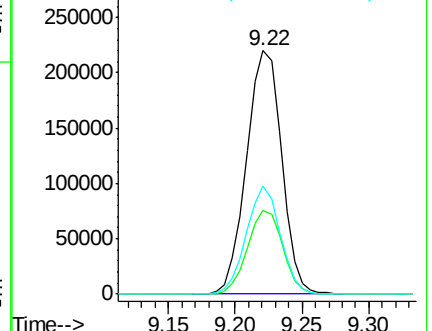
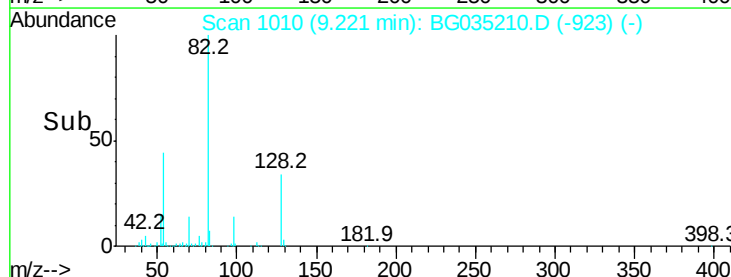
54 44.1 43.1 64.7

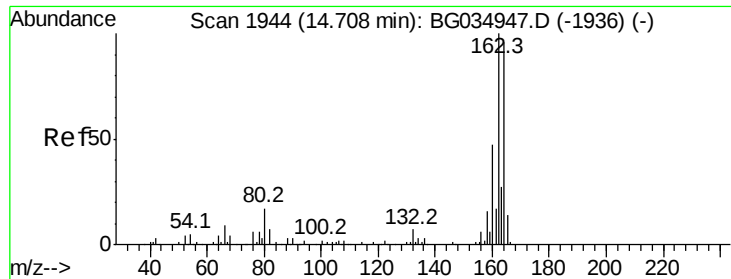


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Instrument :

BNA_G

ClientSampleId :

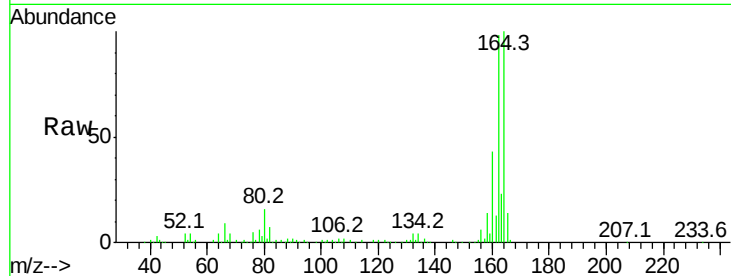
Tot Ion:164 Resp: 133462

Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.8	118.2
160	43.3	35.4	53.0

164 100

162 97.6 78.8 118.2

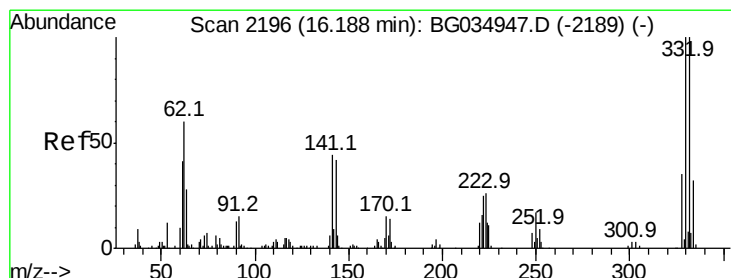
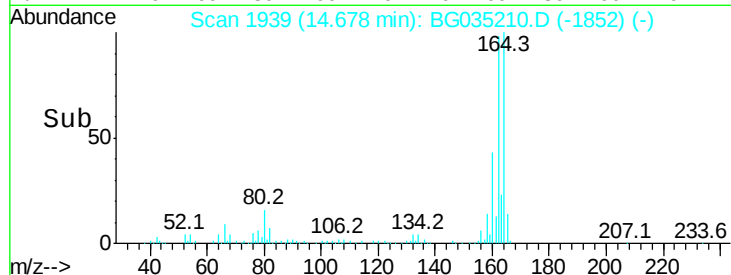
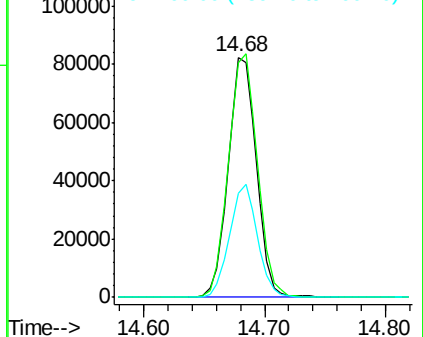
160 43.3 35.4 53.0



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: 154.162 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

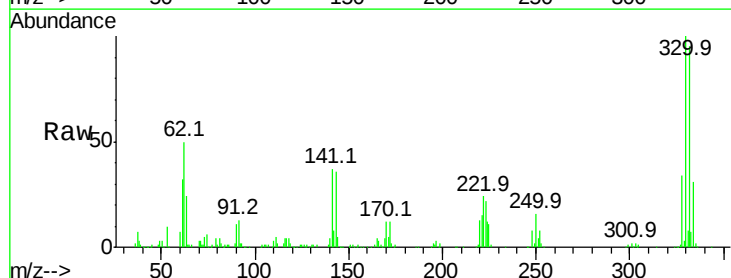
Tgt Ion:330 Resp: 263383

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	37.6	25.2	37.8

330 100

332 94.9 77.0 115.6

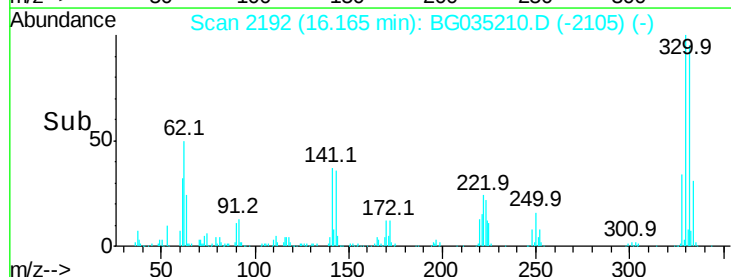
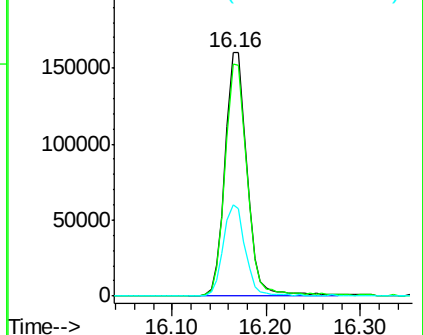
141 37.6 25.2 37.8

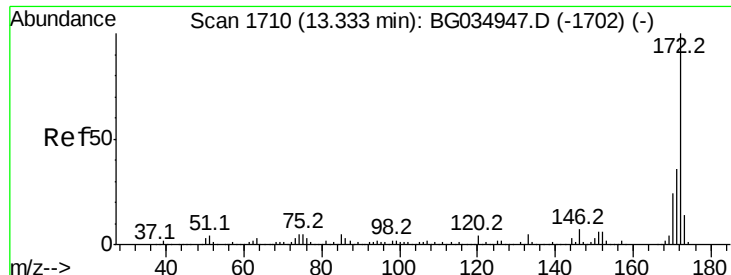


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.726 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.02 min

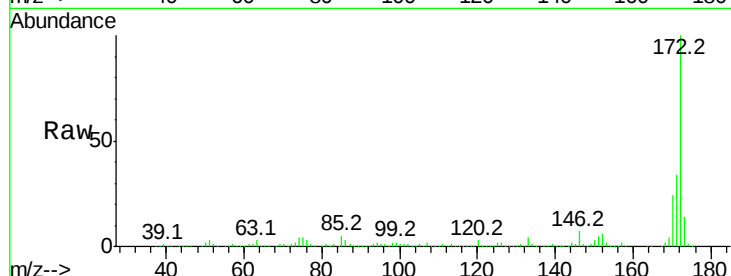
Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Instrument :

BNA_G

ClientSampleId :



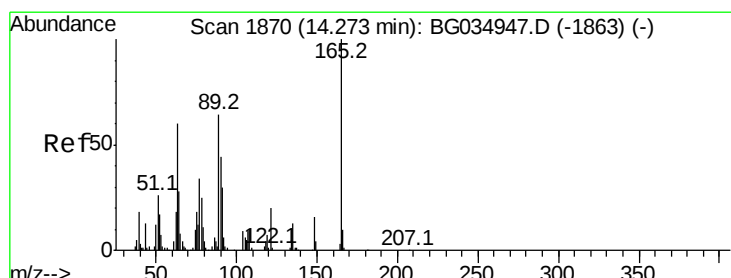
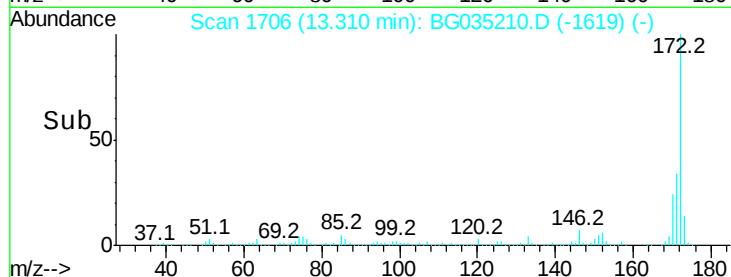
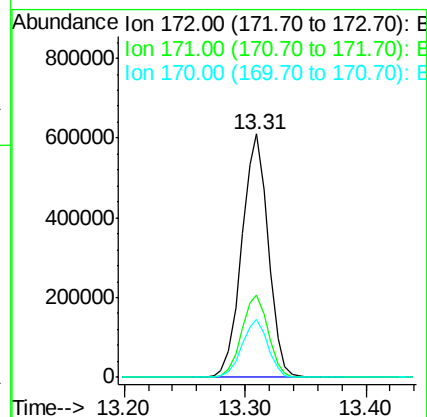
Tot Ion:172 Resp: 931427

Ion Ratio Lower Upper

172 100

171 33.9 30.0 45.0

170 23.8 19.5 29.3



#50

2,6-Dinitrotoluene

Concen: 8.729 ng

RT: 14.68 min Scan# 1940

Delta R.T. 0.42 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

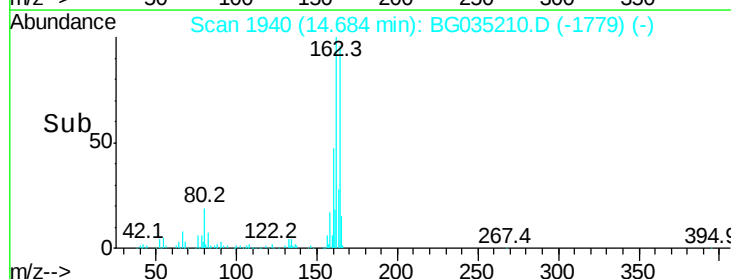
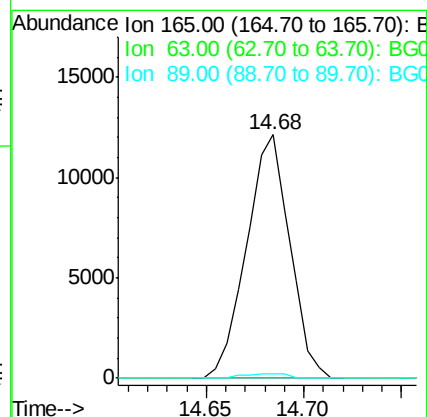
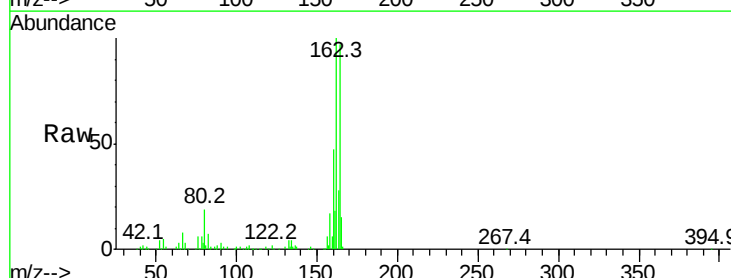
Tgt Ion:165 Resp: 18534

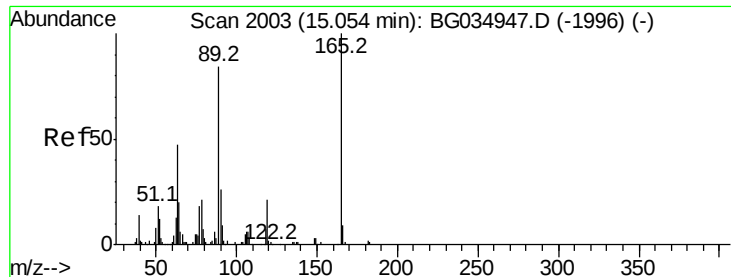
Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

89 1.8 49.2 73.8#

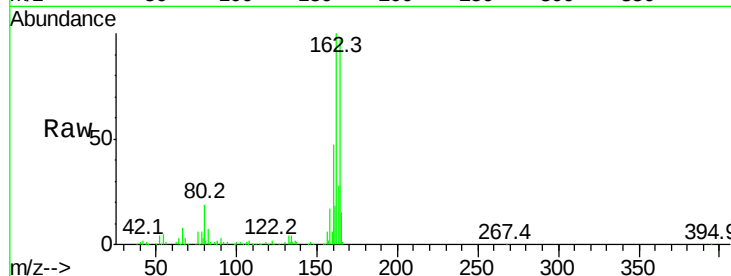




#56
2,4-Dinitrotoluene
Concen: 6.571 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035210.D
Acq: 16 Jun 2018 16:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 18534
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#

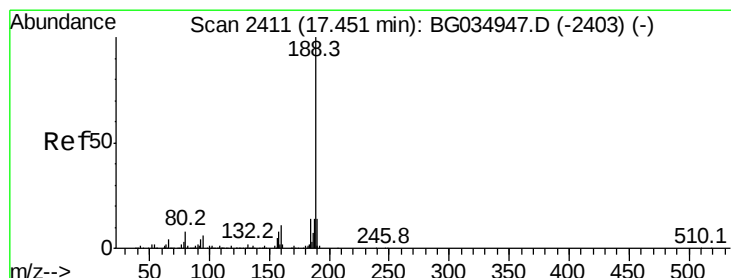
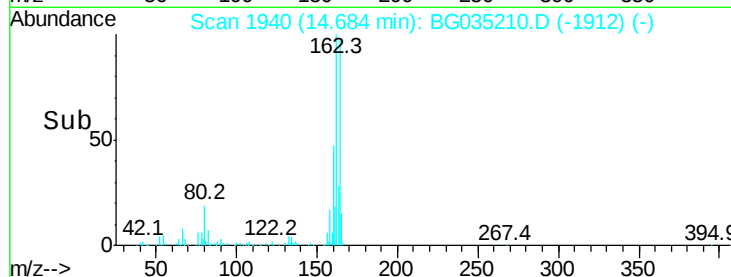
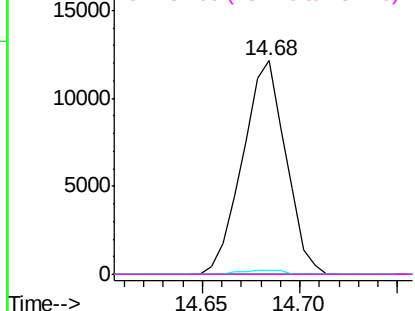


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

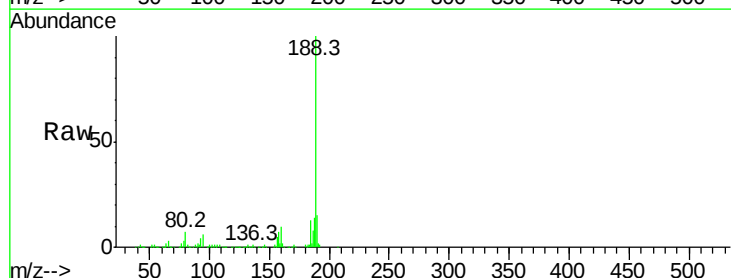
Ion 89.00 (88.70 to 89.70): BGC

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: BG035210.D
Acq: 16 Jun 2018 16:17

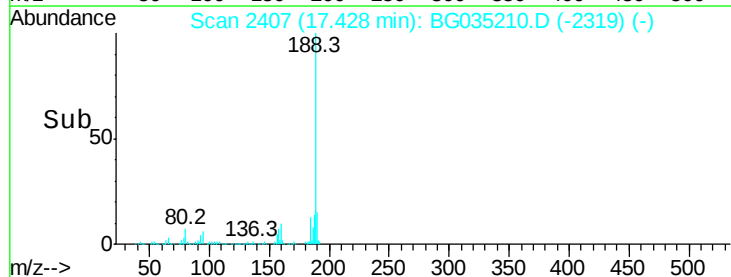
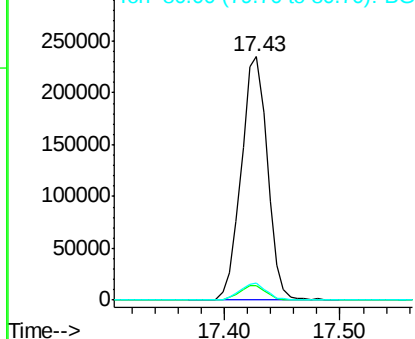
Tgt Ion:188 Resp: 369604
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.1 7.7 11.5#



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

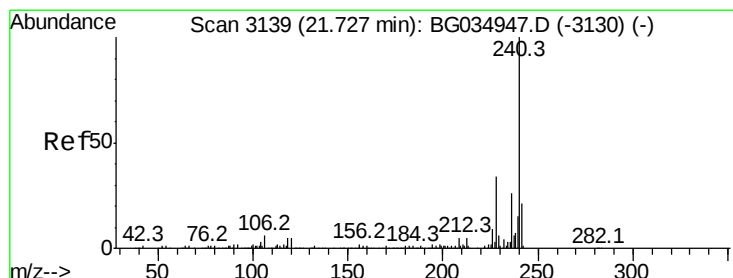
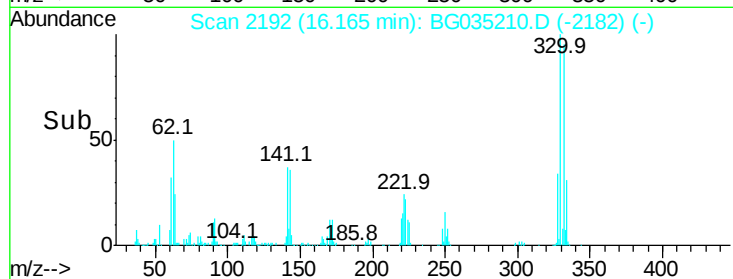
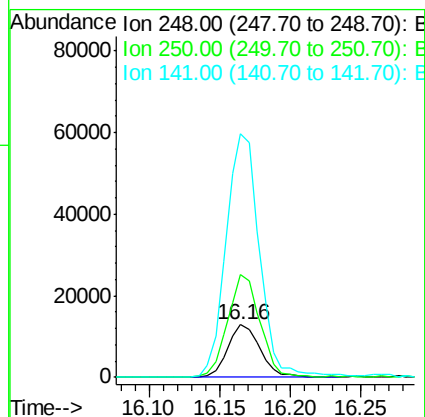
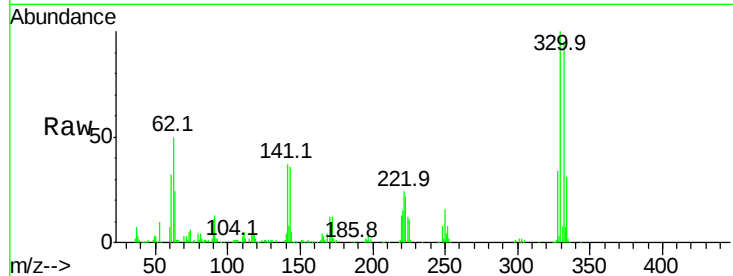




#66
4-Bromophenyl-phenylether
Concen: 4.623 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035210.D
Acq: 16 Jun 2018 16:17

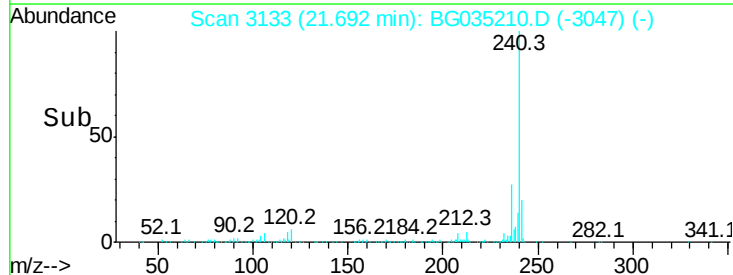
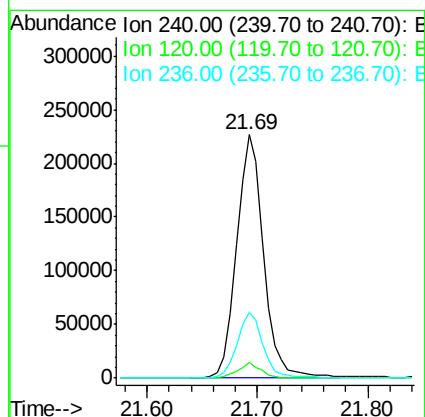
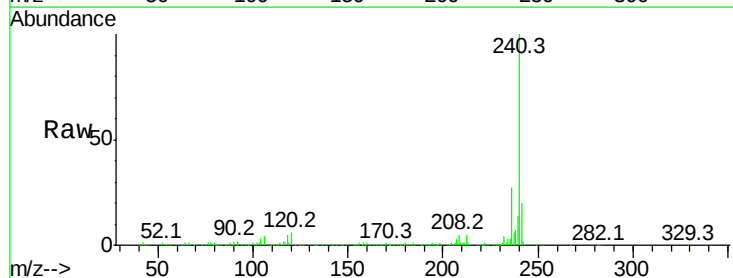
Instrument :
BNA_G
ClientSampled :

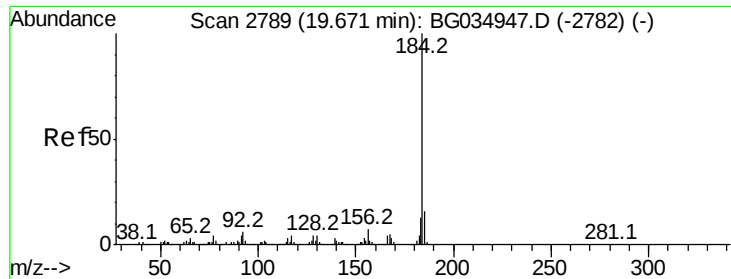
Tot Ion:248 Resp: 20578
Ion Ratio Lower Upper
248 100
250 195.6 77.1 115.7#
141 464.4 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035210.D
Acq: 16 Jun 2018 16:17

Tgt Ion:240 Resp: 388210
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 26.8 20.9 31.3





#76

Benzidine

Concen: 2.189 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

Instrument :

BNA_G

ClientSampleId :

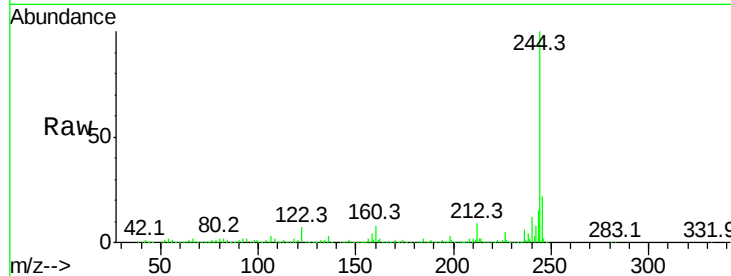
Tot Ion:184 Resp: 31614

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

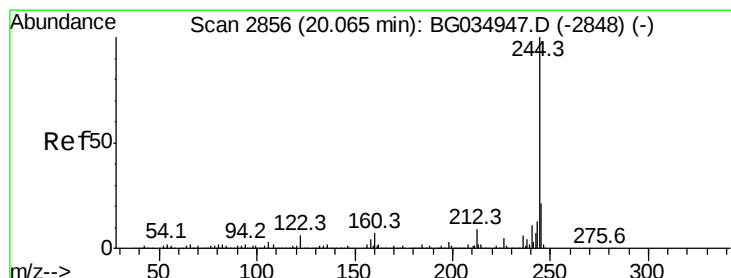
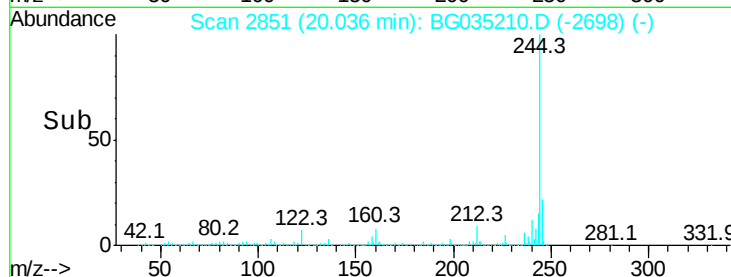
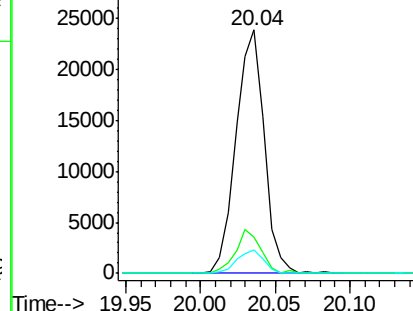
183 9.9 10.6 16.0#



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: 95.801 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035210.D

Acq: 16 Jun 2018 16:17

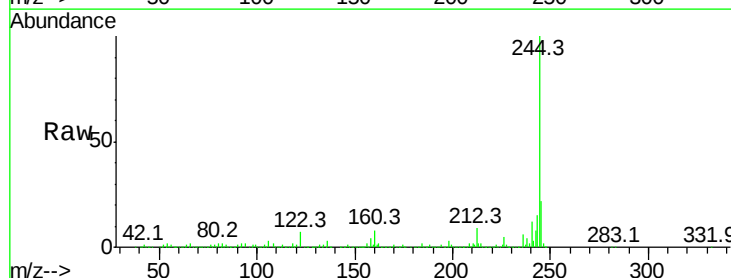
Tgt Ion:244 Resp: 1775492

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

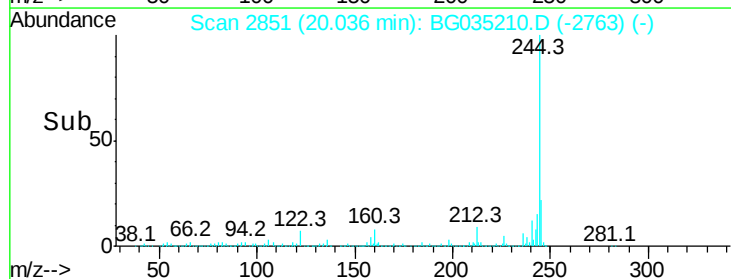
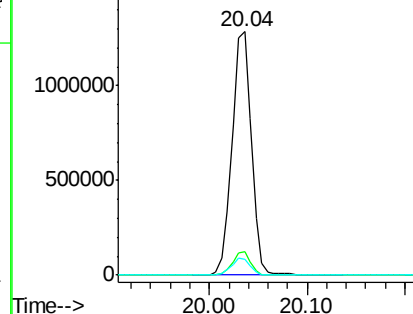
122 6.7 7.0 10.4#

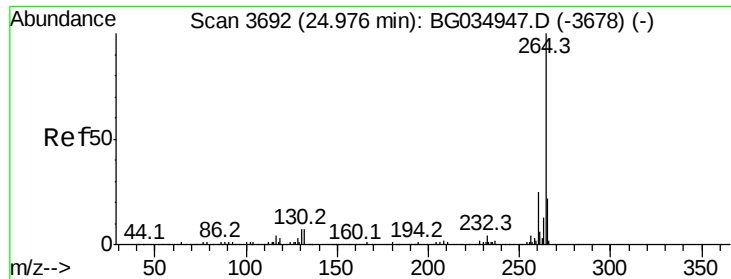


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3683
 Delta R.T. -0.03 min
 Lab File: BG035210.D
 Acq: 16 Jun 2018 16:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 264 Resp: 318268
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.4 26.0
 265 20.7 17.7 26.5

