

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035560.D
 Acq On : 2 Jul 2018 20:57
 Operator : JU/SJ
 Sample : J3243-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 04:49:14 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

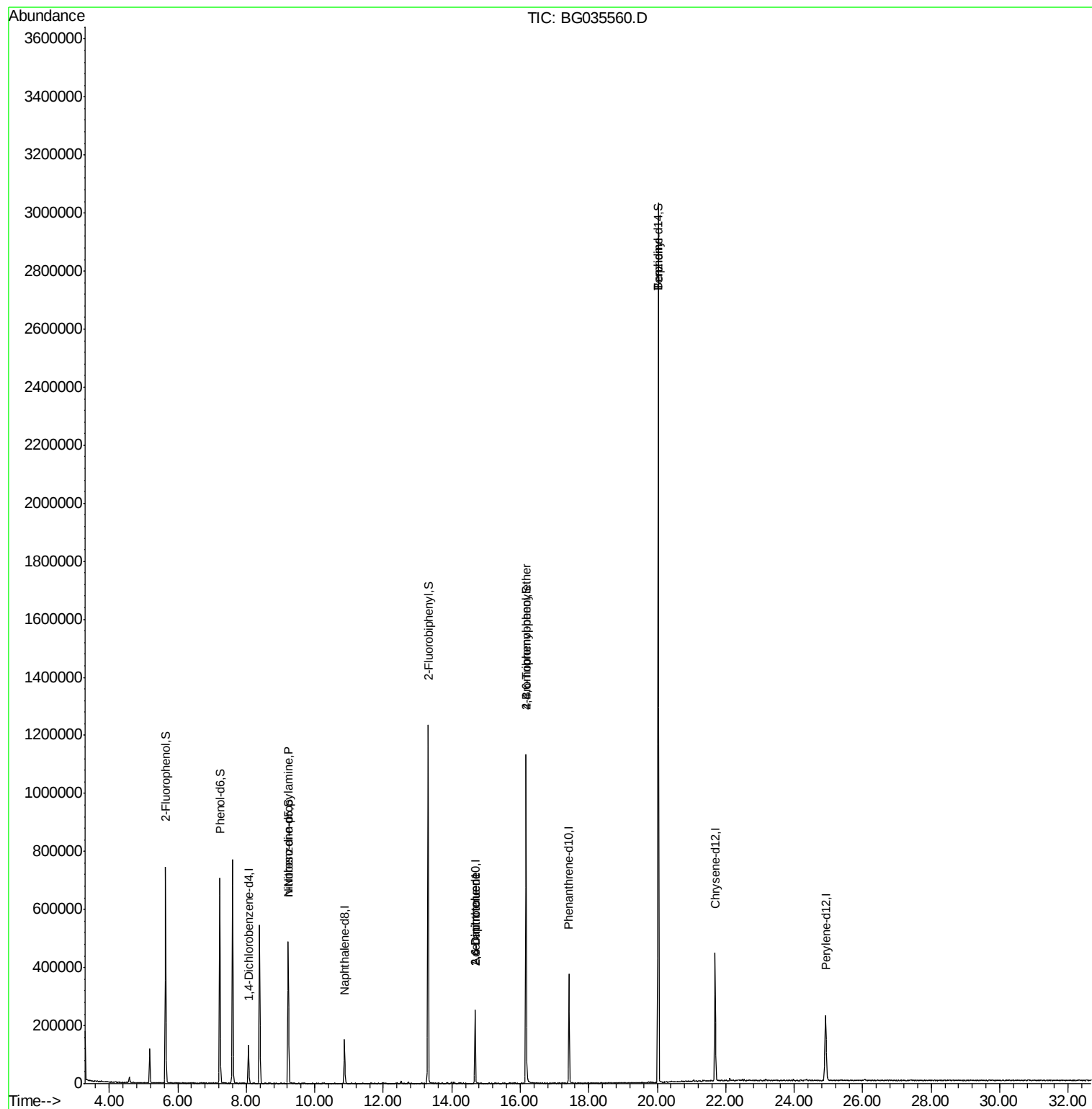
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	35816	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	129731	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	87104	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	248408	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	289034	20.00	ng	-0.02
86) Perylene-d12	24.92	264	269778	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	317188	149.46	ng	0.00
7) Phenol-d6	7.23	99	422976	135.03	ng	0.00
23) Nitrobenzene-d5	9.23	82	319200	116.96	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	221827	198.94	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	676001	100.89	ng	-0.02
78) Terphenyl-d14	20.03	244	1456002	105.52	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	43021	16.166	ng	# 73
50) 2,6-Dinitrotoluene	14.68	165	11854	8.554	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	11854	6.440	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	17866	5.972	ng	# 1
76) Benzidine	20.03	184	25223	2.346	ng	# 91

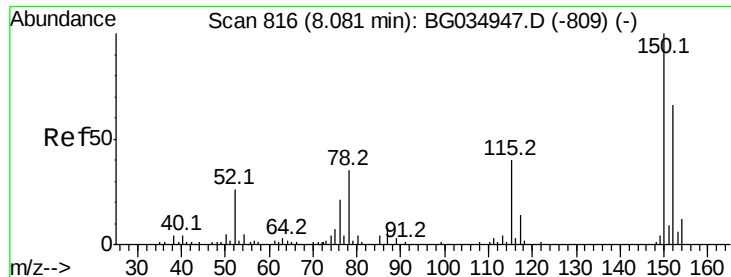
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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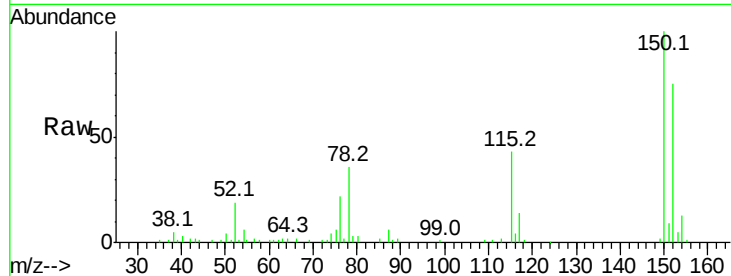


#1

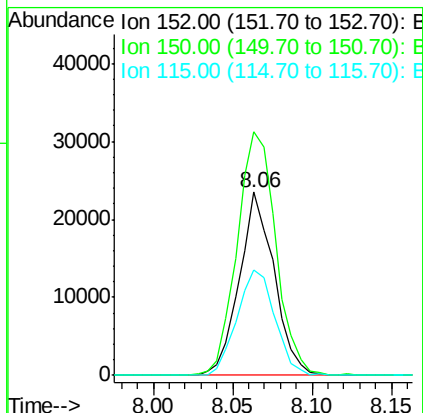
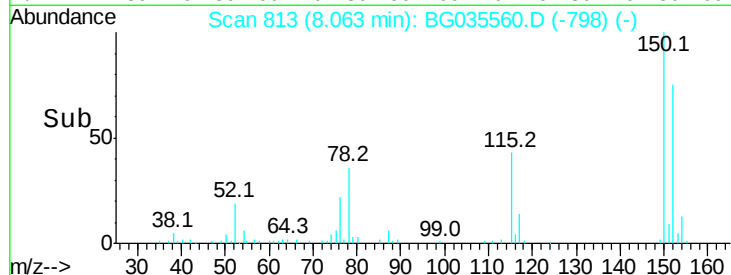
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035560.D
 Acq: 2 Jul 2018 20:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 35816
 Ion Ratio Lower Upper
 152 100
 150 132.8 126.6 189.8
 115 57.4 53.0 79.4



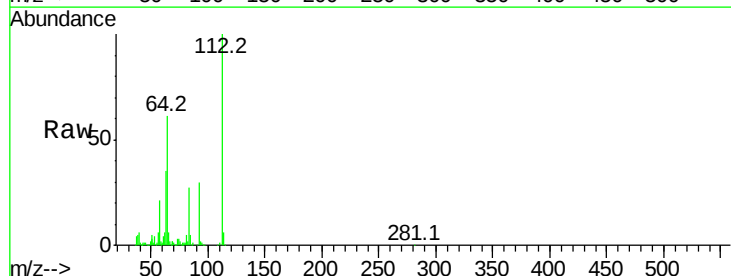
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



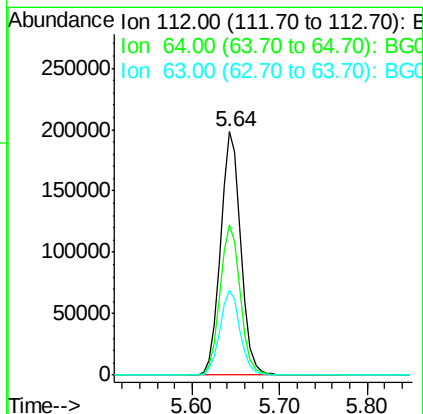
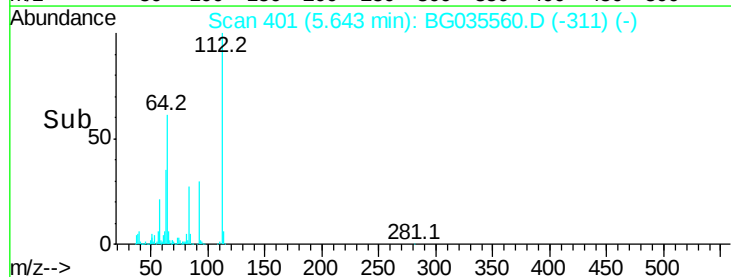
#5

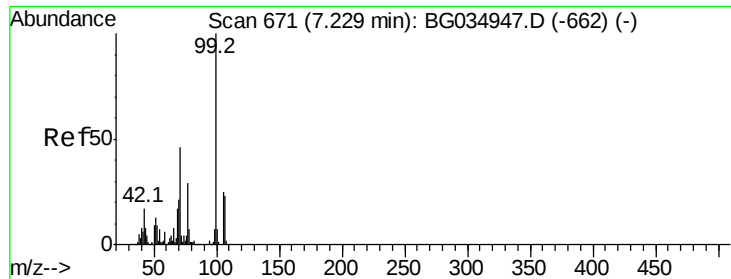
2-Fluorophenol
 Concen: 149.455 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG035560.D
 Acq: 2 Jul 2018 20:57

Tgt Ion:112 Resp: 317188
 Ion Ratio Lower Upper
 112 100
 64 61.5 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): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 135.033 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

Instrument :

BNA_G

ClientSampleId :

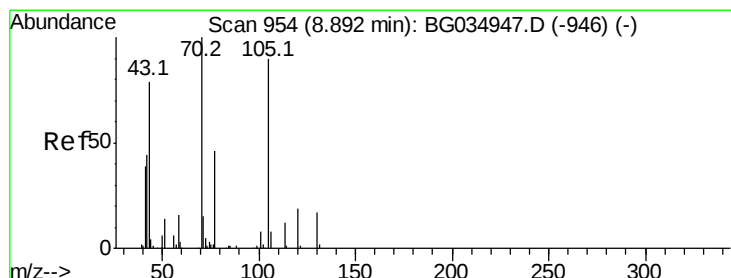
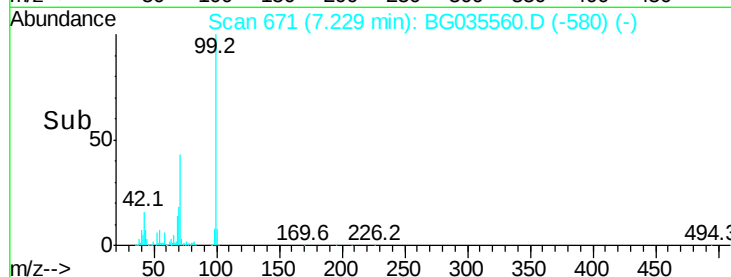
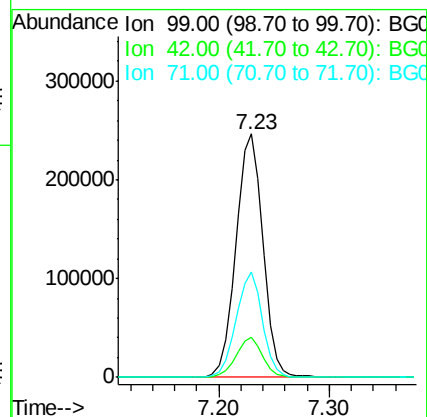
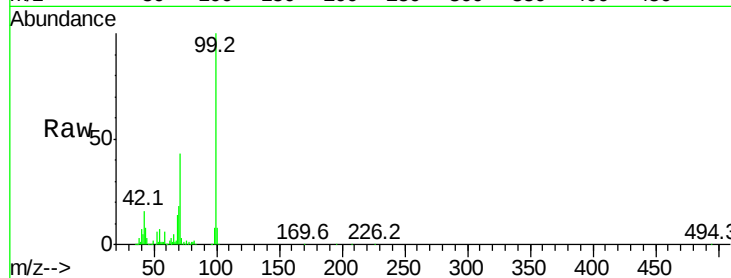
Tot Ion: 99 Resp: 422976

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 43.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.166 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

Tgt Ion: 70 Resp: 43021

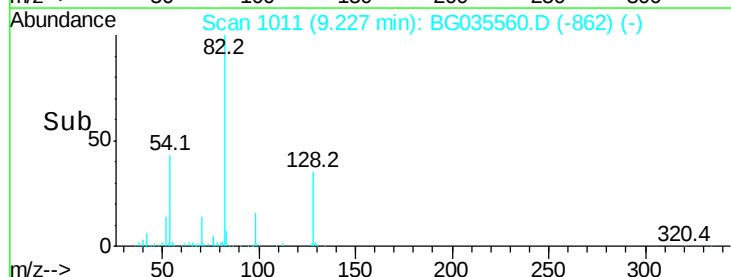
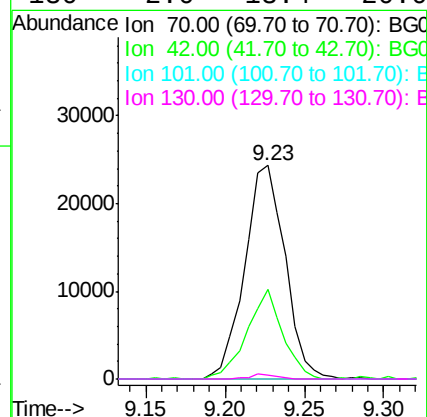
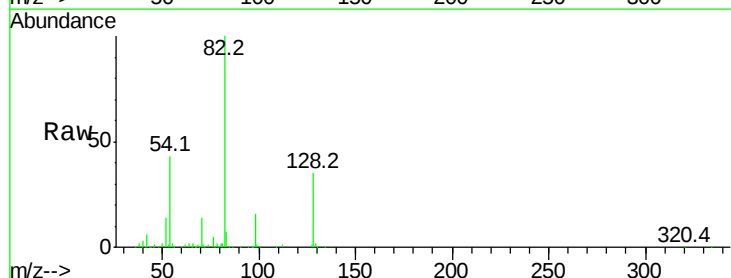
Ion Ratio Lower Upper

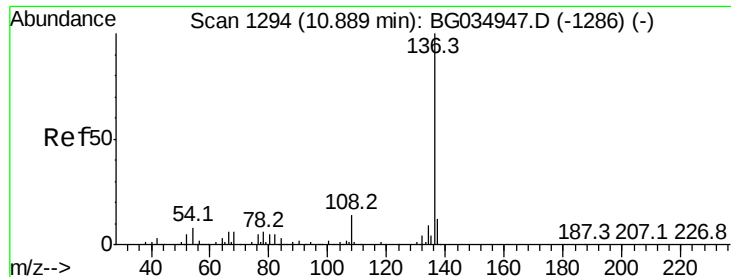
70 100

42 42.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

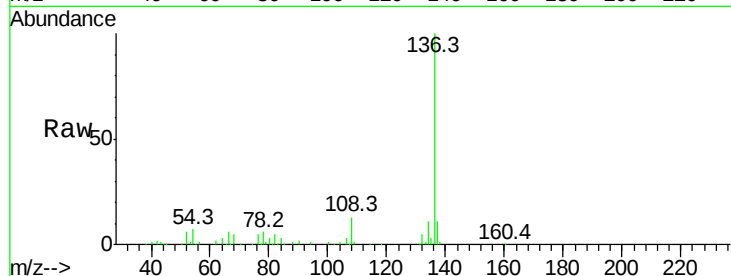




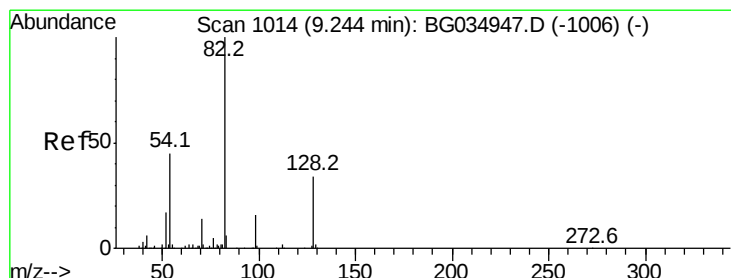
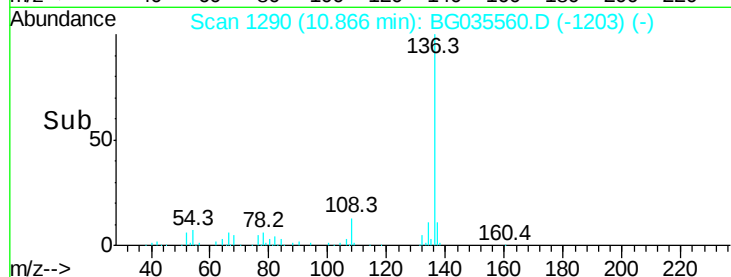
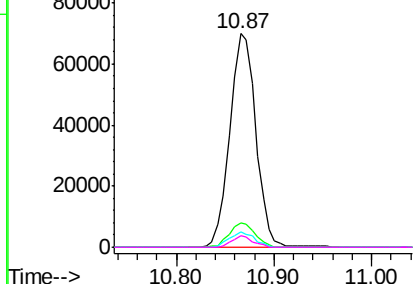
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035560.D
Acq: 2 Jul 2018 20:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	129731
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	7.3	10.3	15.5#
68	5.2	4.5	6.7

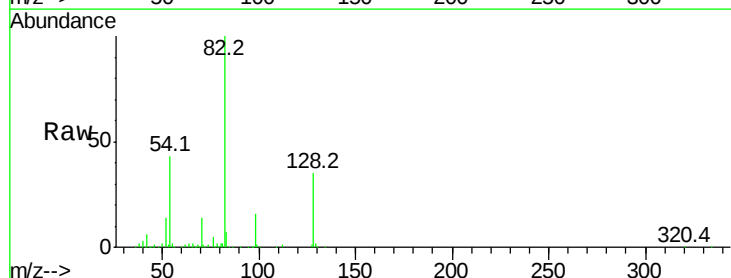


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

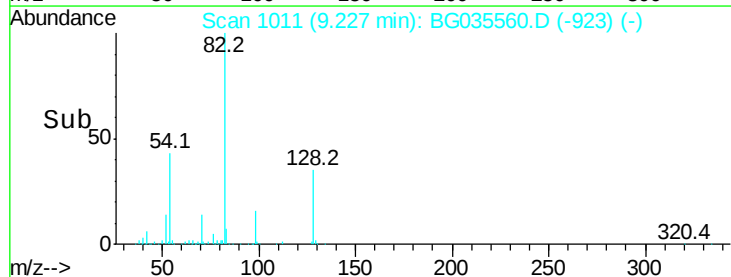
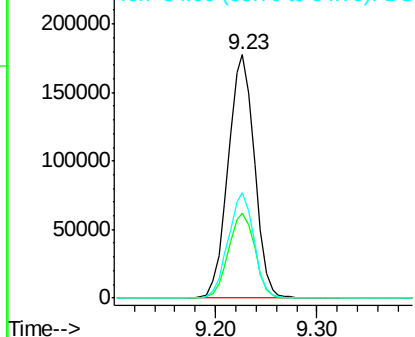


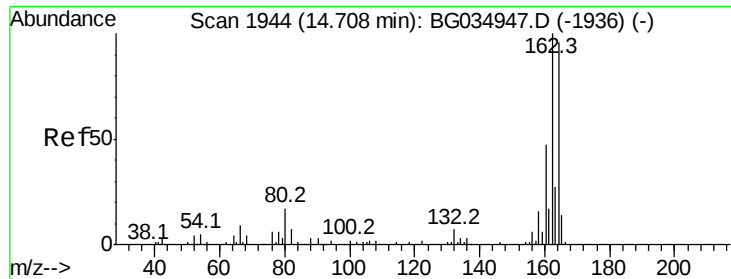
#23
Nitrobenzene-d5
Concen: 116.957 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035560.D
Acq: 2 Jul 2018 20:57

Tgt Ion:	82	Resp:	319200
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	43.1	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

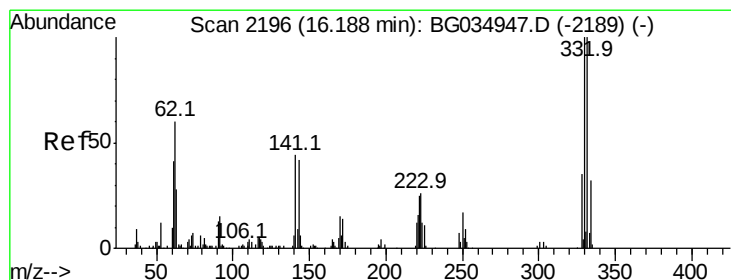
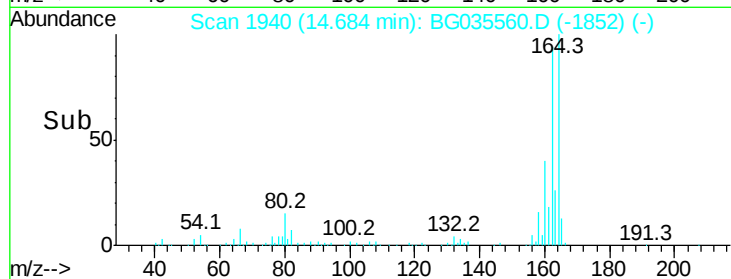
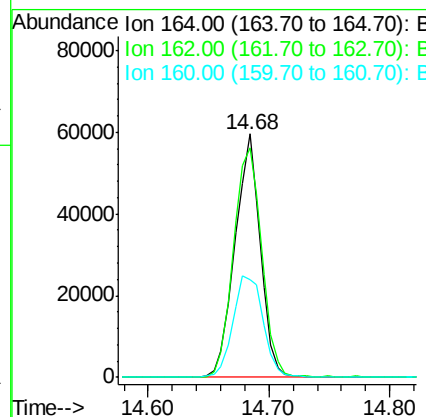
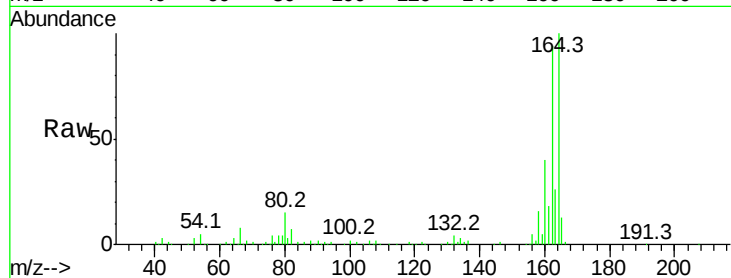




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035560.D
 Acq: 2 Jul 2018 20:57

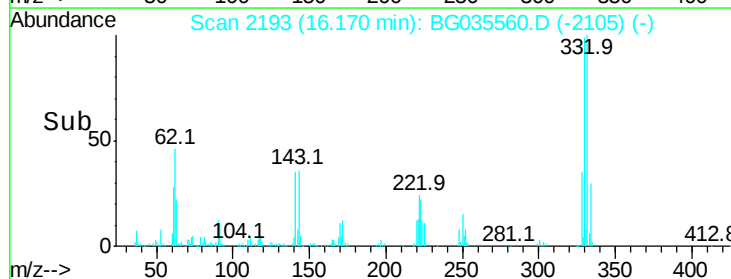
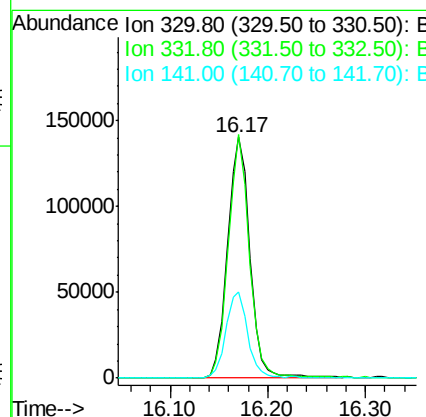
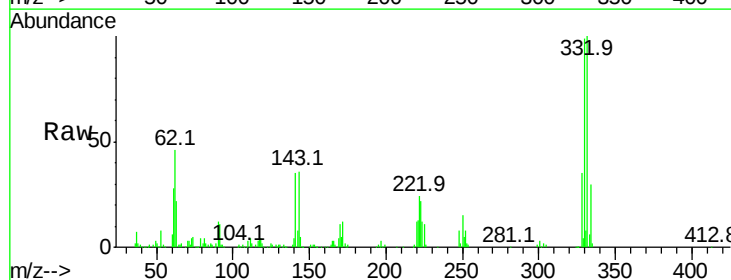
Instrument :
 BNA_G
 ClientSampleId :

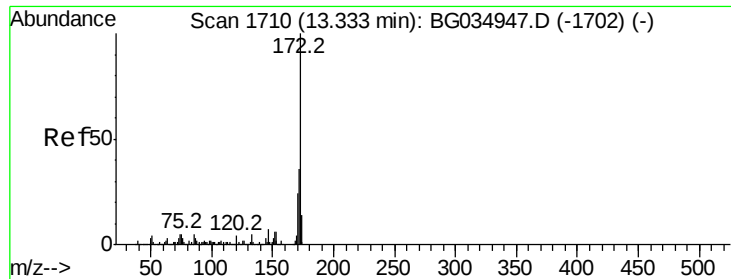
Tot Ion:164 Resp: 87104
 Ion Ratio Lower Upper
 164 100
 162 94.2 78.8 118.2
 160 40.3 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 198.941 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035560.D
 Acq: 2 Jul 2018 20:57

Tgt Ion:330 Resp: 221827
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 35.4 25.2 37.8

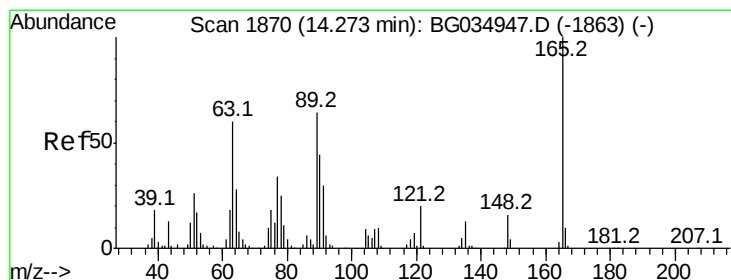
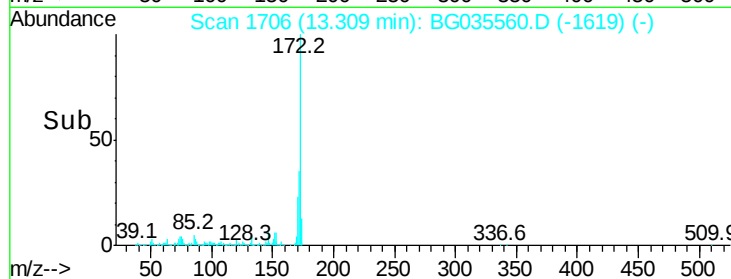
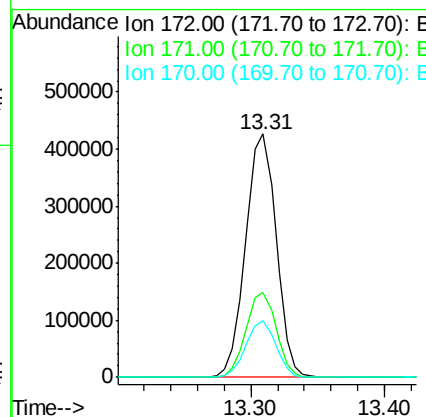
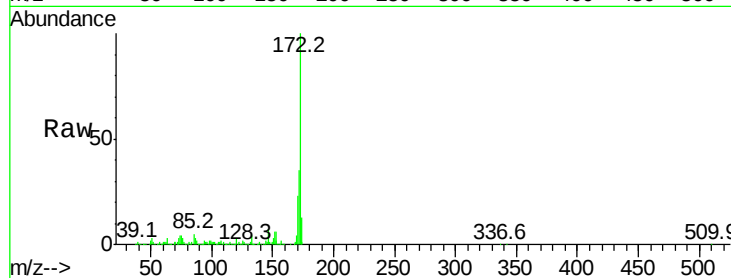




#44
2-Fluorobiphenyl
Concen: 100.891 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035560.D
Acq: 2 Jul 2018 20:57

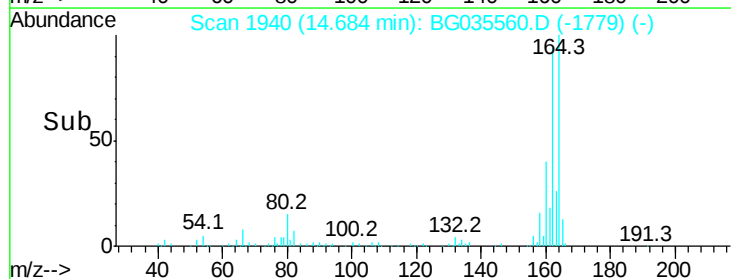
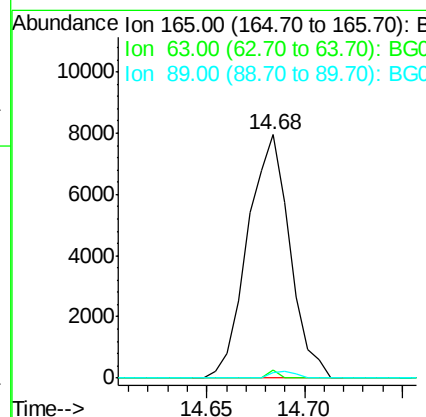
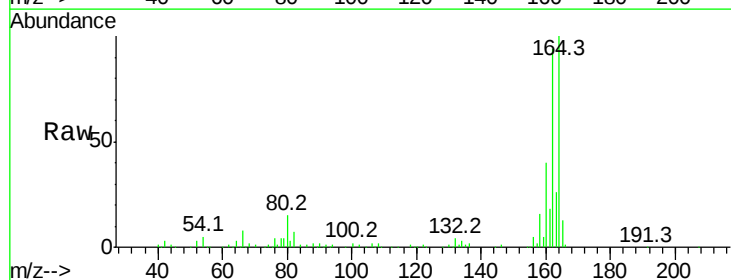
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ClientSampleId :

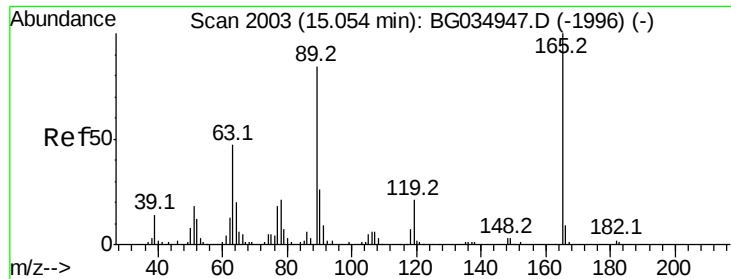
Tot Ion:172 Resp: 676001
Ion Ratio Lower Upper
172 100
171 35.1 30.0 45.0
170 23.5 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.554 ng
RT: 14.68 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035560.D
Acq: 2 Jul 2018 20:57

Tgt Ion:165 Resp: 11854
Ion Ratio Lower Upper
165 100
63 3.4 52.7 79.1#
89 2.1 49.2 73.8#

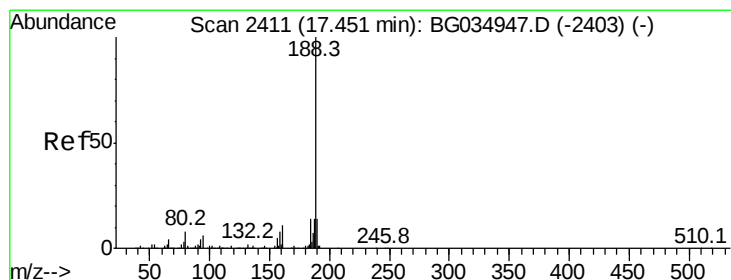
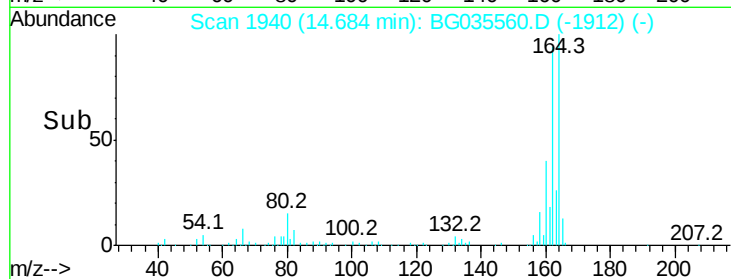
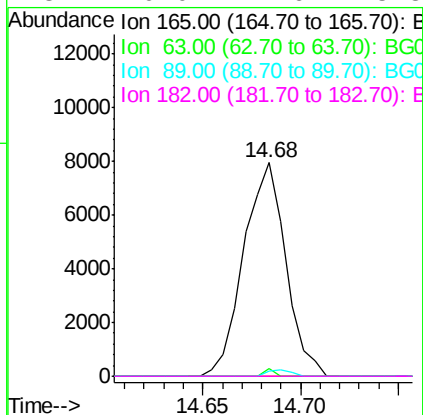
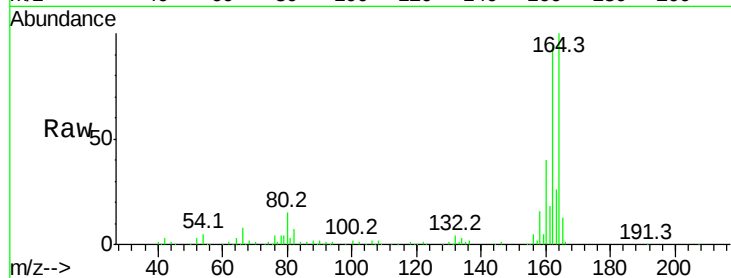




#56
 2,4-Dinitrotoluene
 Concen: 6.440 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.37 min
 Lab File: BG035560.D
 Acq: 2 Jul 2018 20:57

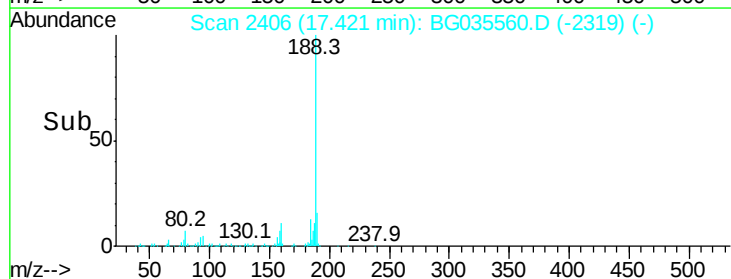
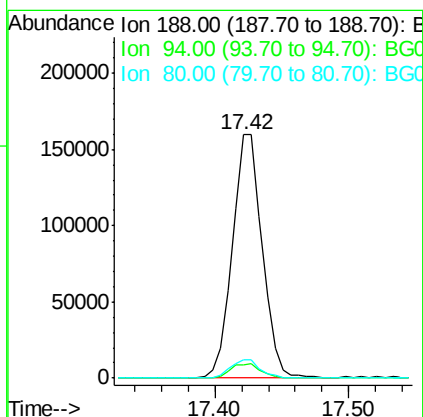
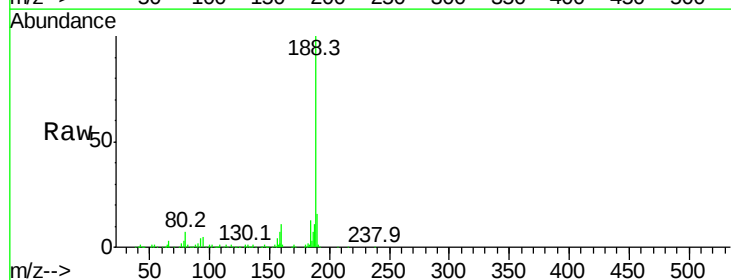
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 11854
 Ion Ratio Lower Upper
 165 100
 63 3.4 42.0 63.0#
 89 2.1 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: BG035560.D
 Acq: 2 Jul 2018 20:57

Tgt Ion:188 Resp: 248408
 Ion Ratio Lower Upper
 188 100
 94 5.2 6.9 10.3#
 80 7.3 7.7 11.5#

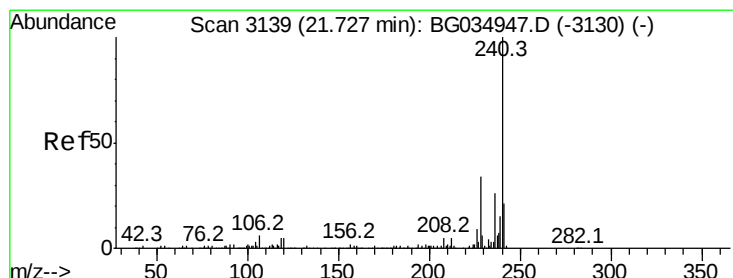
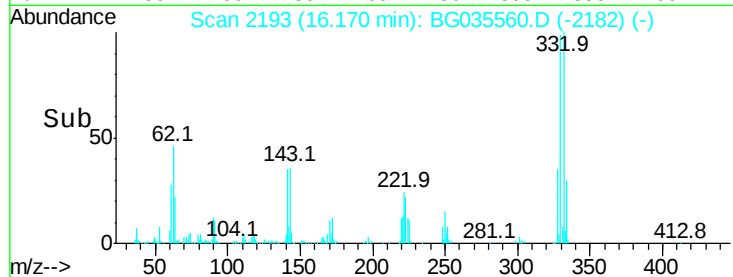
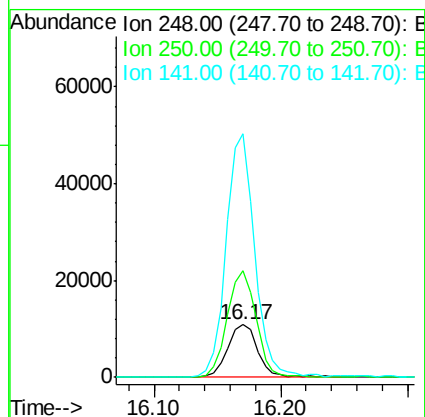
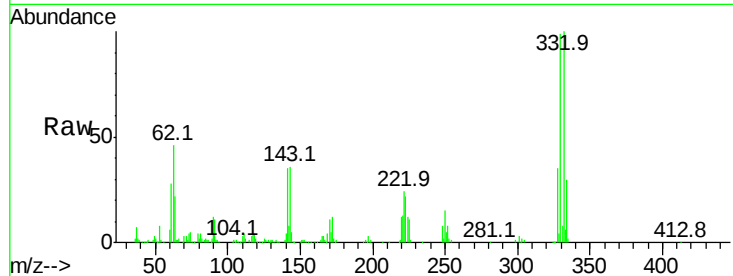




#66
 4-Bromophenyl-phenylether
 Concen: 5.972 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG035560.D
 Acq: 2 Jul 2018 20:57

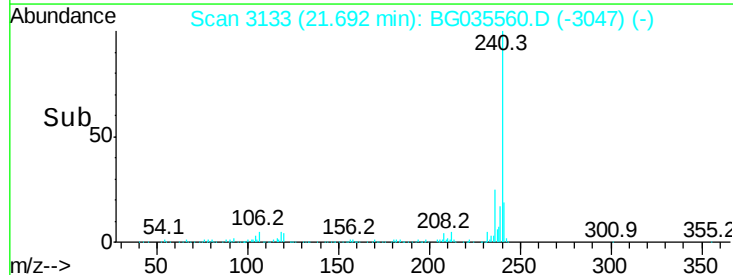
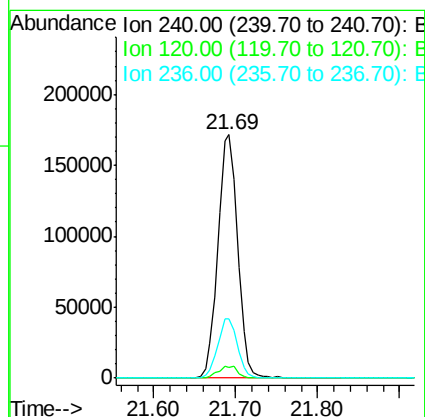
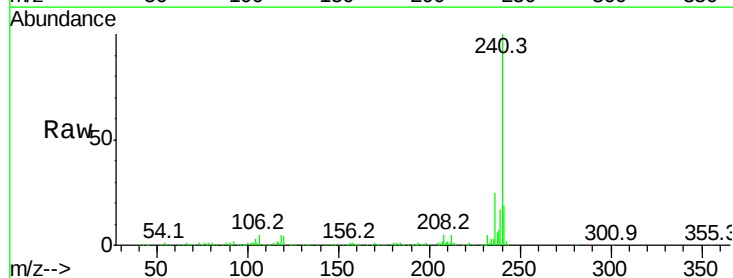
Instrument :
 BNA_G
 ClientSampleId :

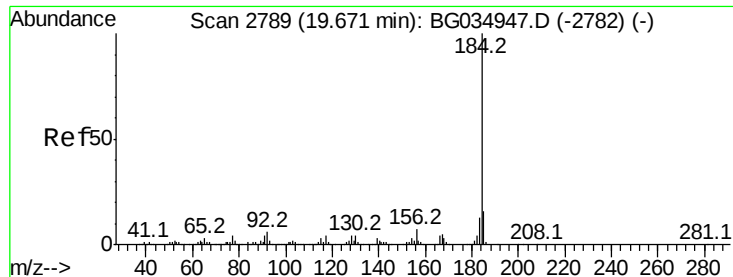
Tot Ion:248 Resp: 17866
 Ion Ratio Lower Upper
 248 100
 250 201.6 77.1 115.7#
 141 461.1 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035560.D
 Acq: 2 Jul 2018 20:57

Tgt Ion:240 Resp: 289034
 Ion Ratio Lower Upper
 240 100
 120 4.5 6.8 10.2#
 236 24.6 20.9 31.3





#76

Benzidine

Concen: 2.346 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

Instrument :

BNA_G

ClientSampleId :

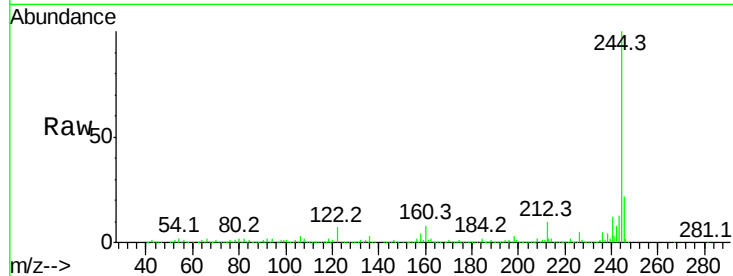
Tot Ion:184 Resp: 25223

Ion Ratio Lower Upper

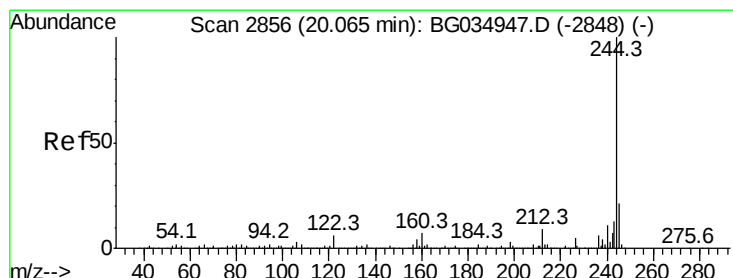
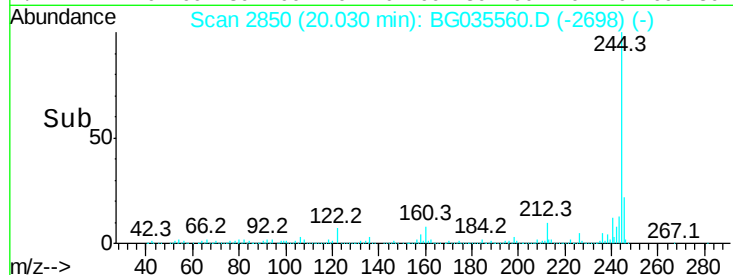
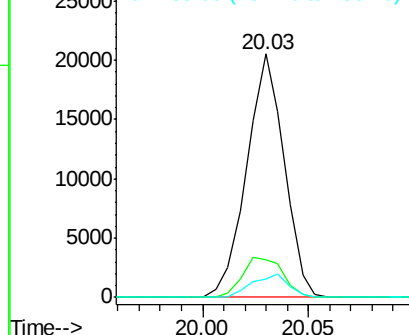
184 100

185 15.6 11.1 16.7

183 7.7 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: 105.519 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035560.D

Acq: 2 Jul 2018 20:57

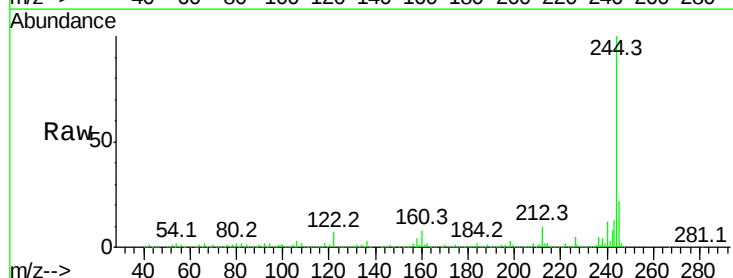
Tgt Ion:244 Resp: 1456002

Ion Ratio Lower Upper

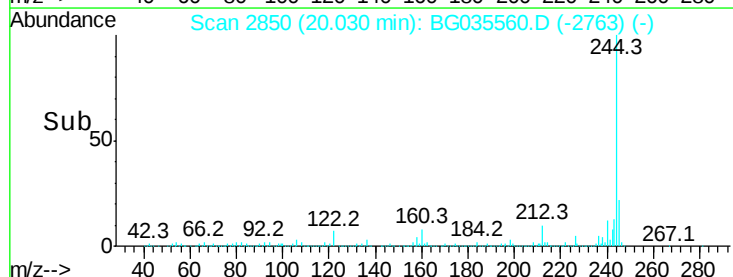
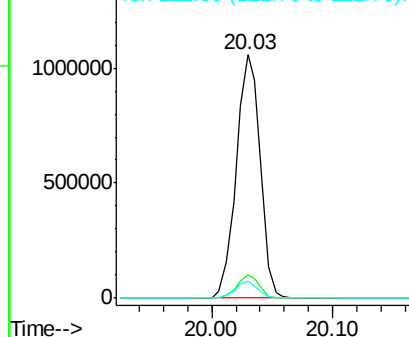
244 100

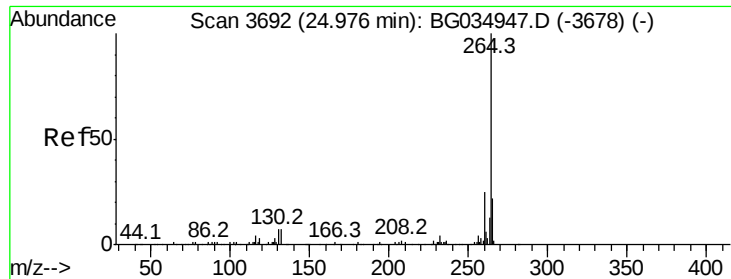
212 9.5 5.8 8.8#

122 7.1 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# 3682
 Delta R.T. -0.04 min
 Lab File: BG035560.D
 Acq: 2 Jul 2018 20:57

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 269778
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.4 26.0
 265 18.8 17.7 26.5

