

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035154.D
 Acq On : 15 Jun 2018 1:39
 Operator : SJ/JU
 Sample : PB110221BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 03:04:43 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

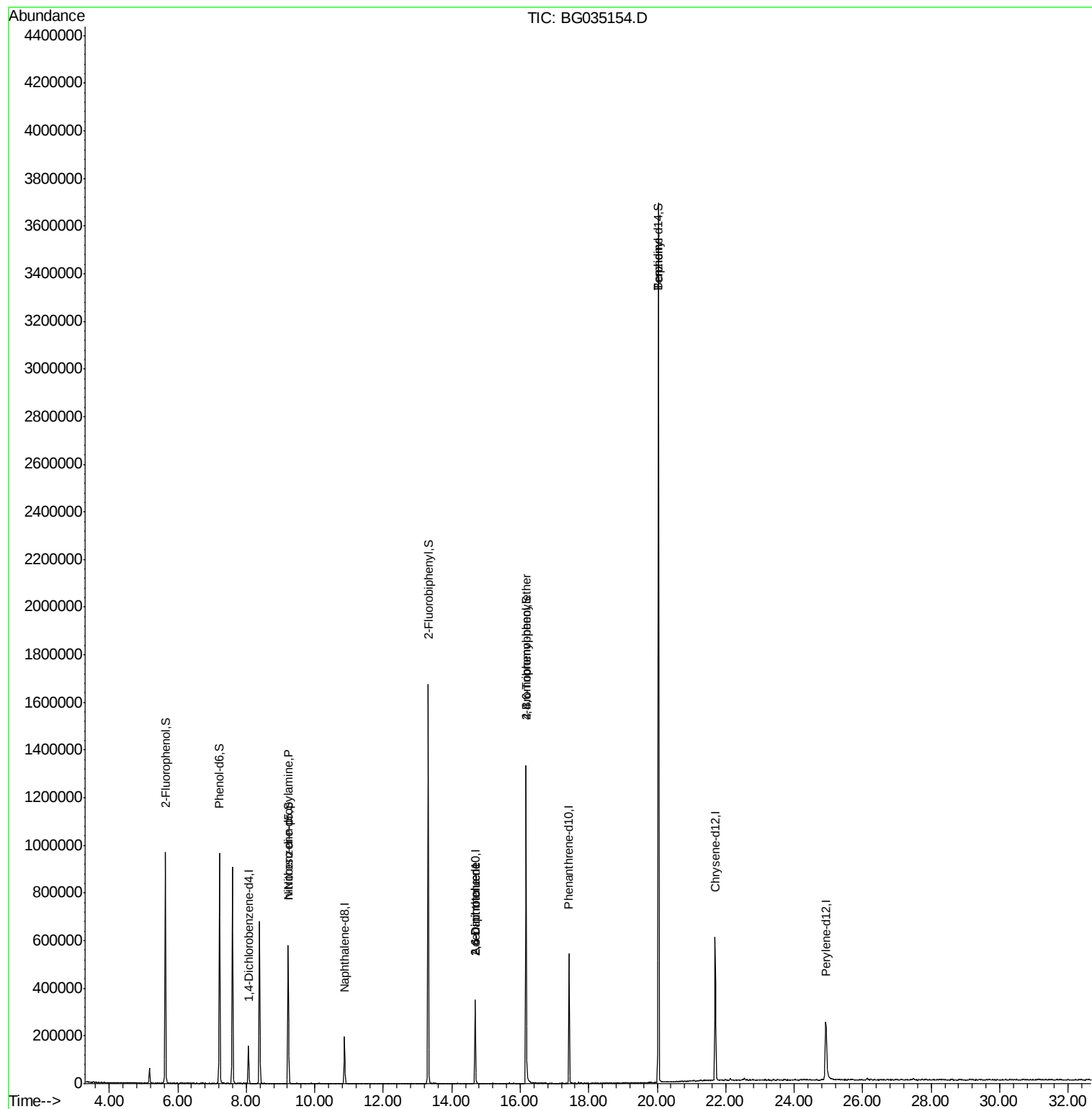
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46530	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	166581	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	124672	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	341339	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	392056	20.00	ng	-0.02
86) Perylene-d12	24.92	264	339811	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	404000	146.53	ng	0.00
7) Phenol-d6	7.22	99	595740	146.40	ng	0.00
23) Nitrobenzene-d5	9.23	82	383539	109.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	249075	156.07	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	904641	94.33	ng	-0.02
78) Terphenyl-d14	20.04	244	1729411	92.40	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50539	14.618	ng	# 67
50) 2,6-Dinitrotoluene	14.68	165	17461	8.804	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	17461	6.627	ng	# 17
66) 4-Bromophenyl-phenylether	16.17	248	19442	4.730	ng	# 1
76) Benzidine	20.04	184	29456	2.019	ng	# 95

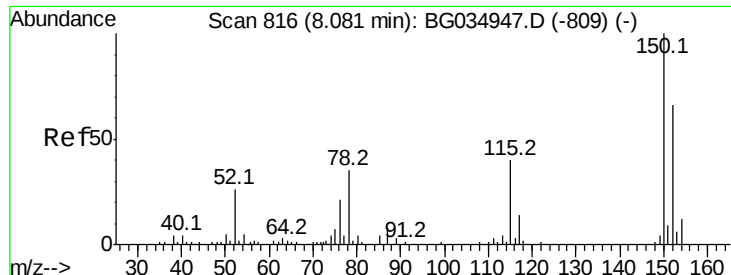
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
Data File : BG035154.D
Acq On : 15 Jun 2018 1:39
Operator : SJ/JU
Sample : PB110221BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 15 03:04:43 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



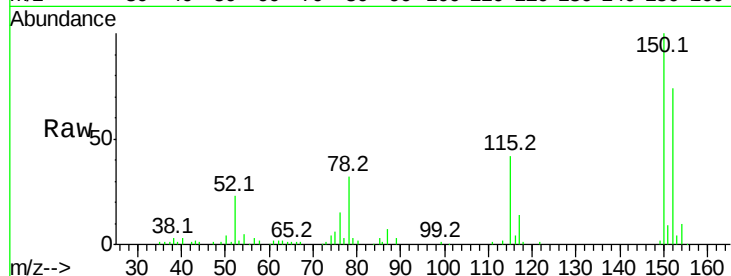


#1

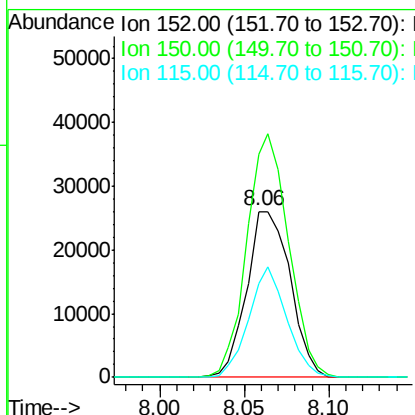
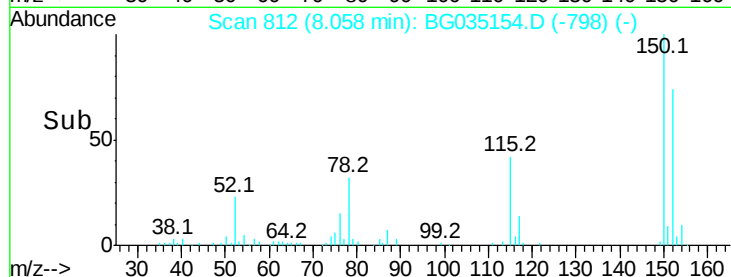
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035154.D
 Acq: 15 Jun 2018 1:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.5	126.6	189.8
115	56.9	53.0	79.4



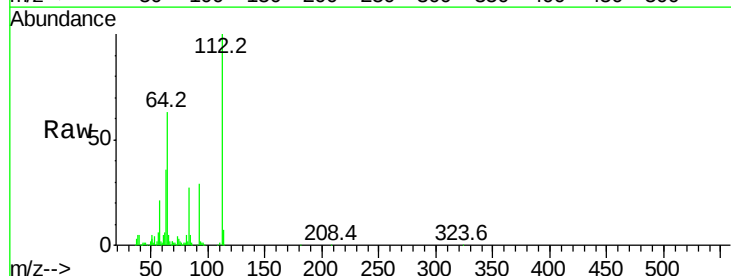
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



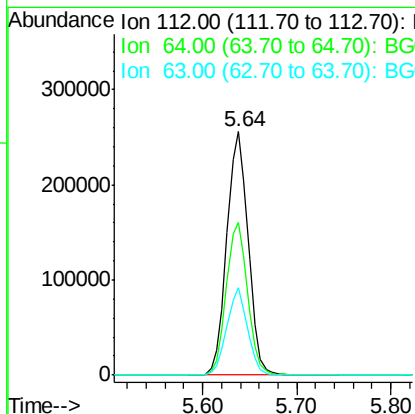
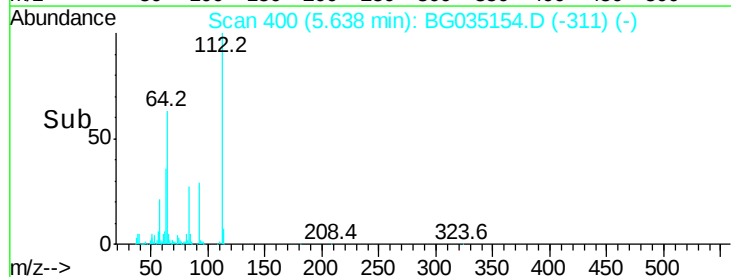
#5

2-Fluorophenol
 Concen: 146.528 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035154.D
 Acq: 15 Jun 2018 1:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	56.3	84.5
63	35.7	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: 146.395 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

Instrument :

BNA_G

ClientSampleId :

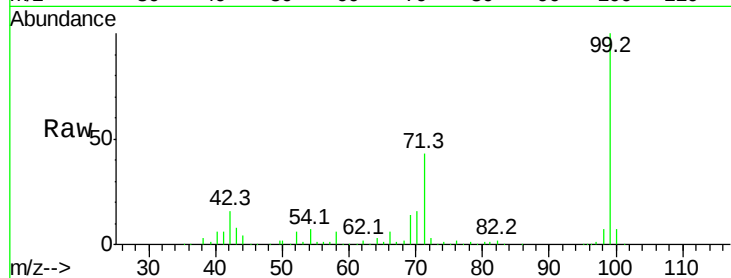
Tot Ion: 99 Resp: 595740

Ion Ratio Lower Upper

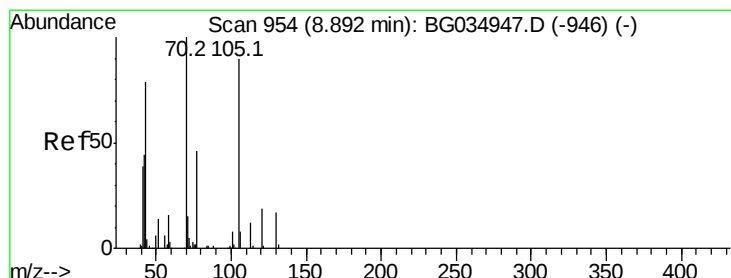
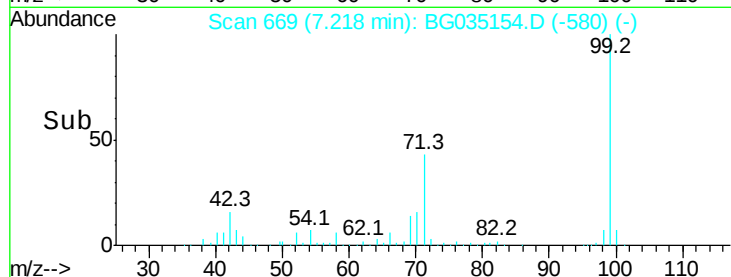
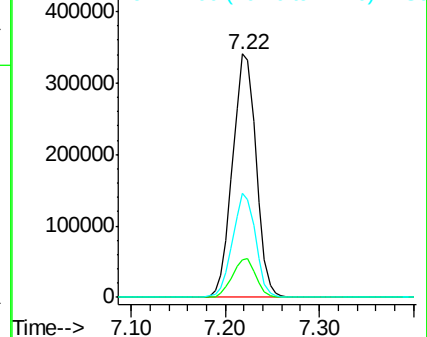
99 100

42 15.6 14.1 21.1

71 42.5 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 14.618 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

Tgt Ion: 70 Resp: 50539

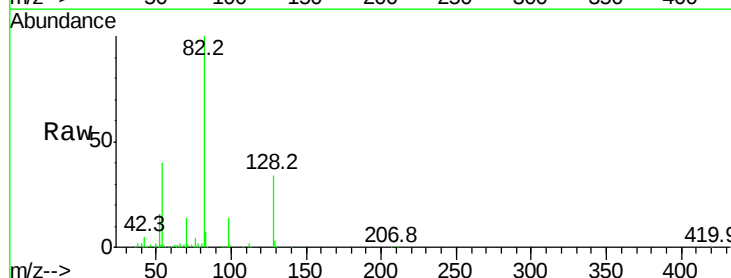
Ion Ratio Lower Upper

70 100

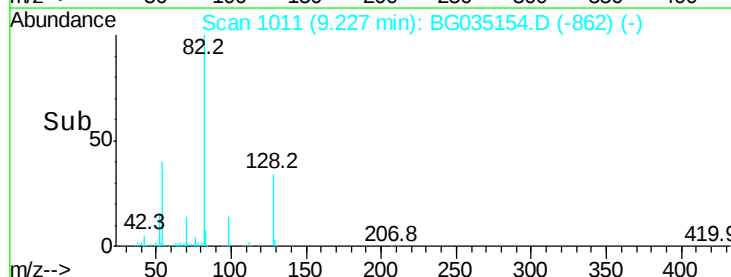
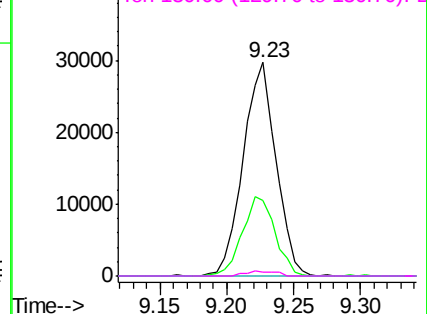
42 35.4 49.1 73.7#

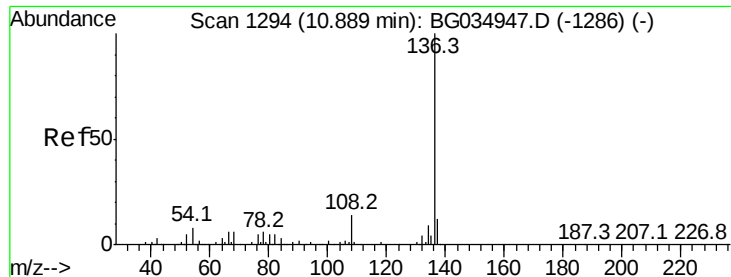
101 0.0 8.5 12.7#

130 1.9 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

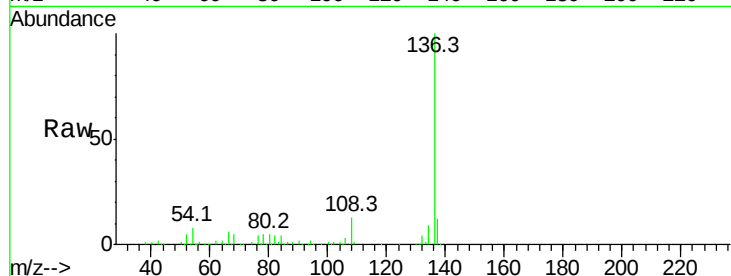




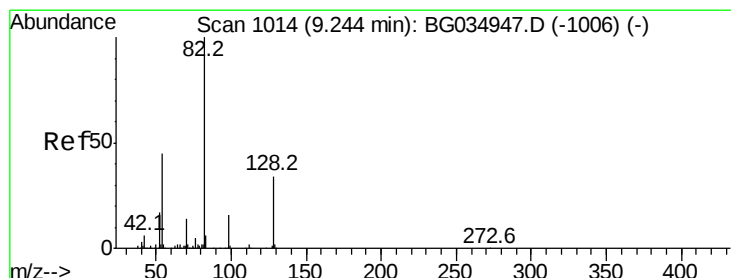
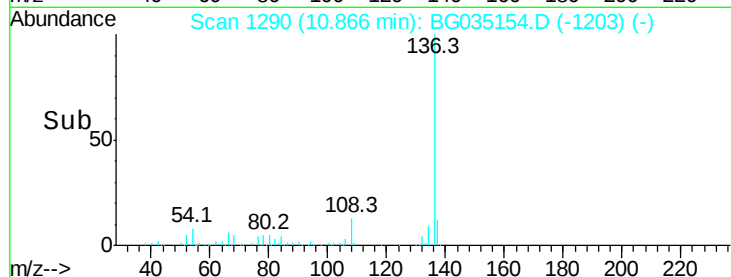
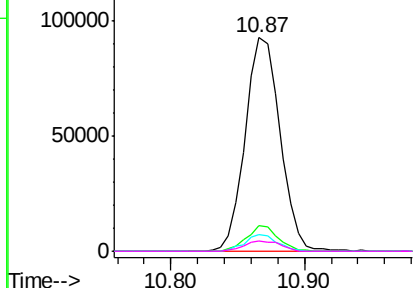
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	166581
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	7.7	10.3	15.5
68	4.7	4.5	6.7

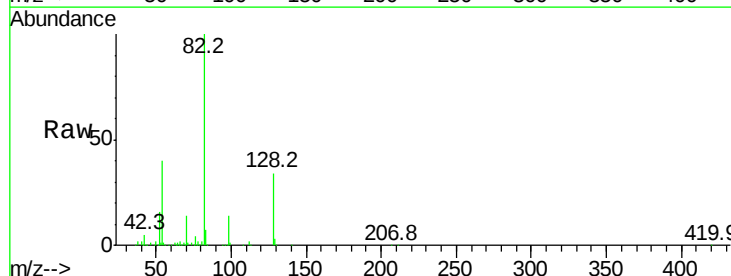


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

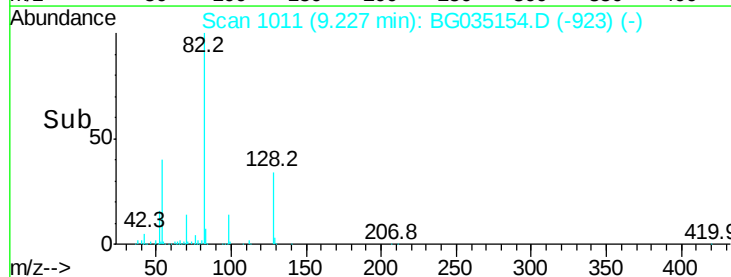
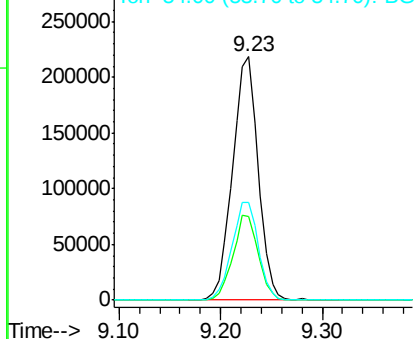


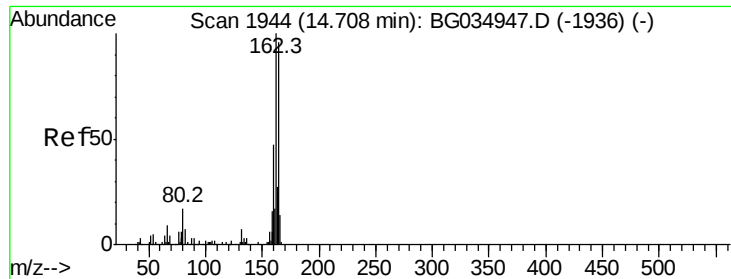
#23
Nitrobenzene-d5
Concen: 109.444 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Tgt Ion:	82	Resp:	383539
Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	40.3	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

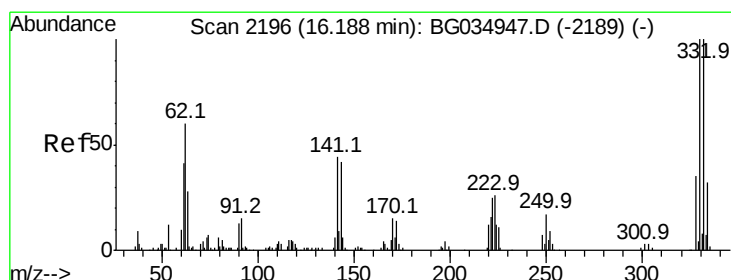
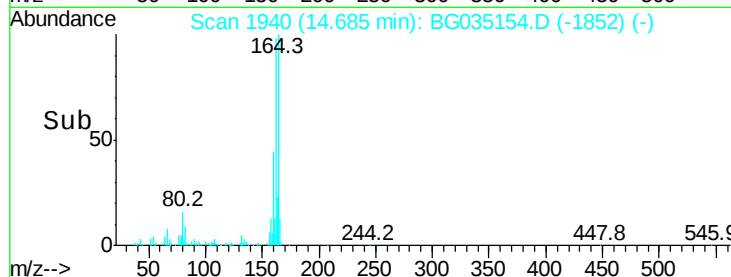
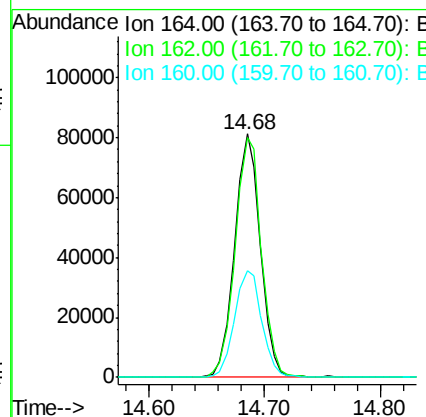
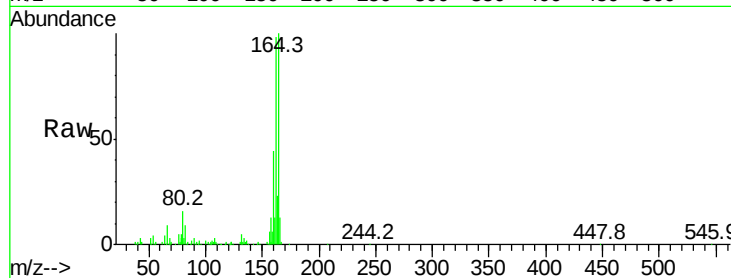




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035154.D
 Acq: 15 Jun 2018 1:39

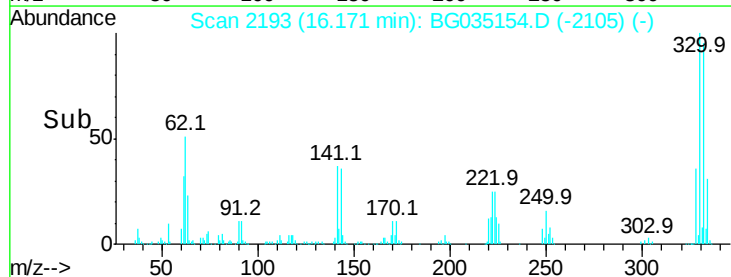
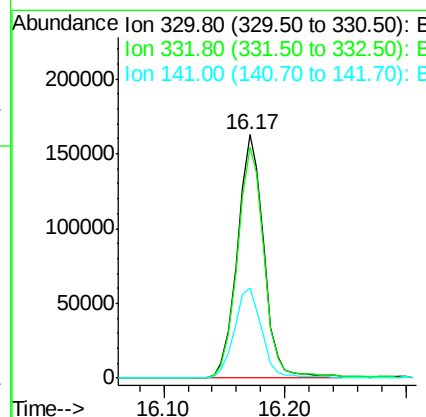
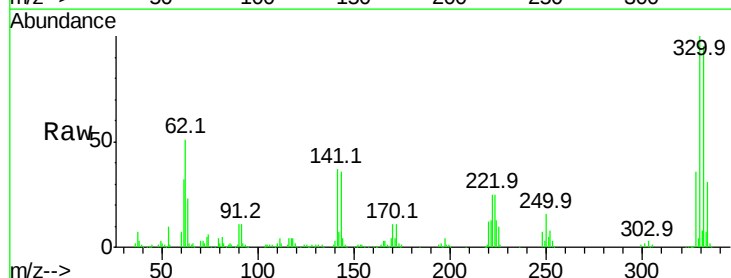
Instrument :
 BNA_G
 ClientSampleId :

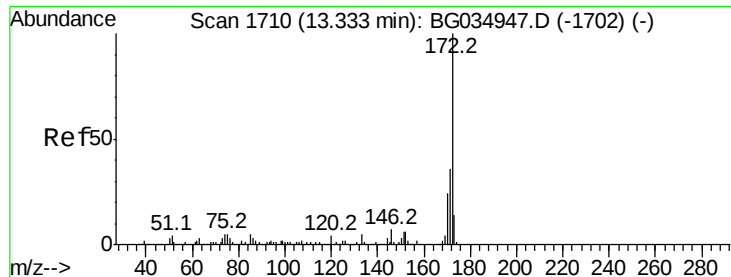
Tot Ion:164 Resp: 124672
 Ion Ratio Lower Upper
 164 100
 162 98.3 78.8 118.2
 160 43.7 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 156.066 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035154.D
 Acq: 15 Jun 2018 1:39

Tgt Ion:330 Resp: 249075
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 38.8 25.2 37.8#

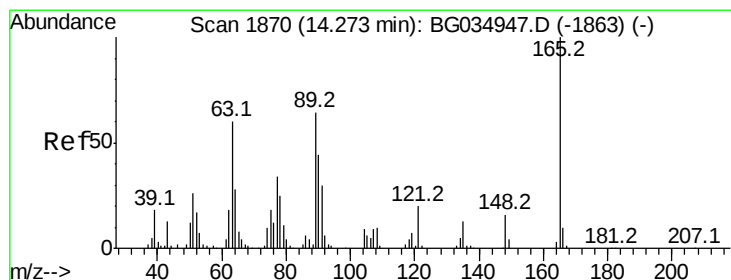
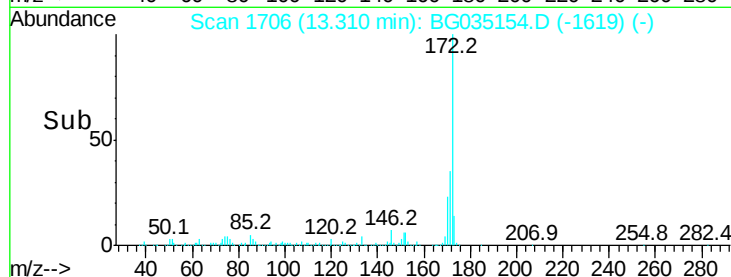
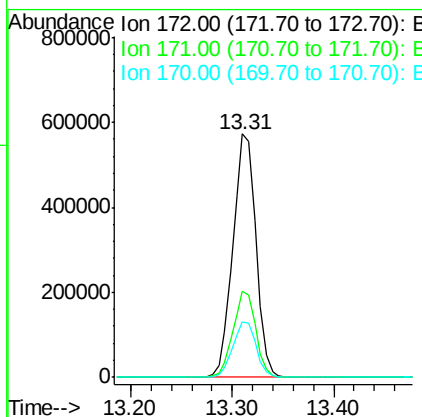
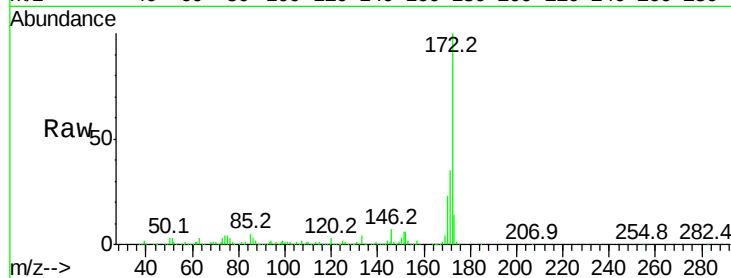




#44
2-Fluorobiphenyl
Concen: 94.330 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

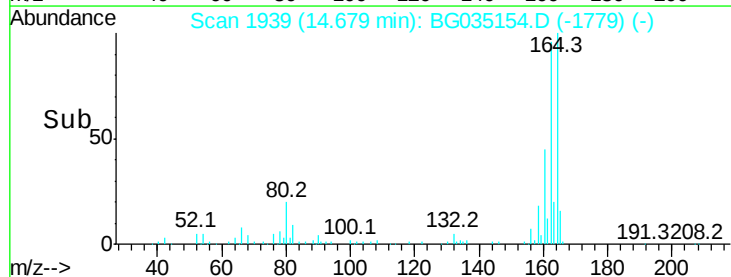
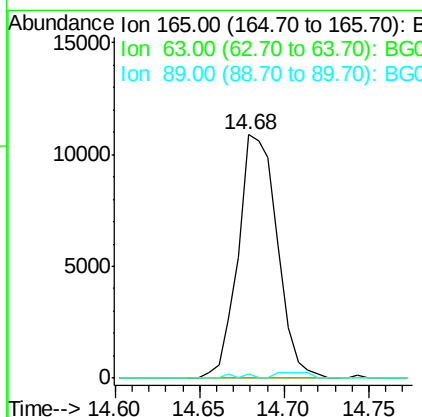
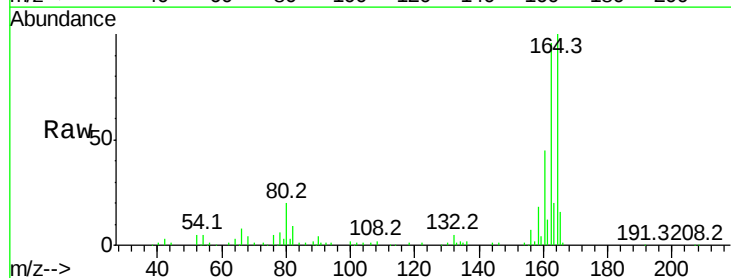
Instrument :
BNA_G
ClientSampleId :

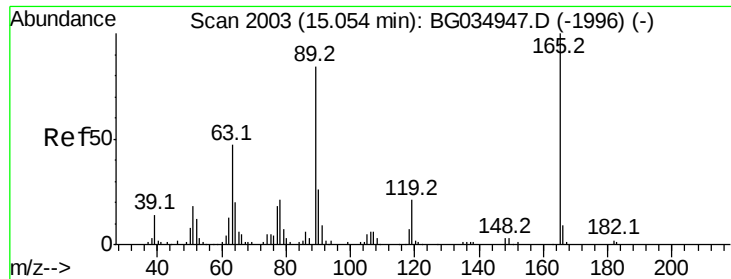
Tot Ion:172 Resp: 904641
Ion Ratio Lower Upper
172 100
171 35.2 30.0 45.0
170 22.9 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.804 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Tgt Ion:165 Resp: 17461
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.8 49.2 73.8#

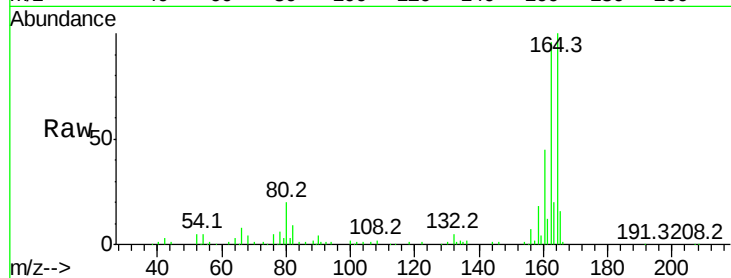




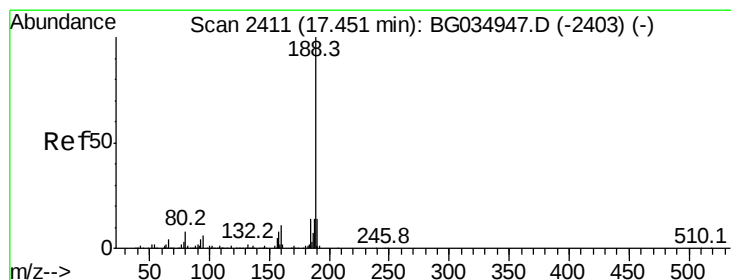
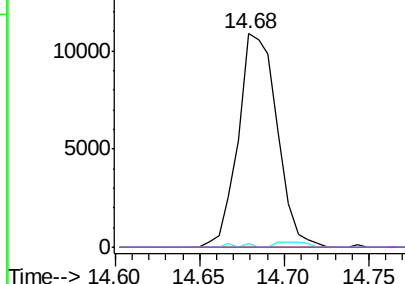
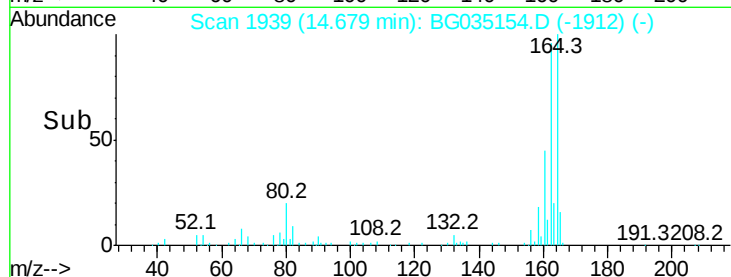
#56
2,4-Dinitrotoluene
Concen: 6.627 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 17461
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#

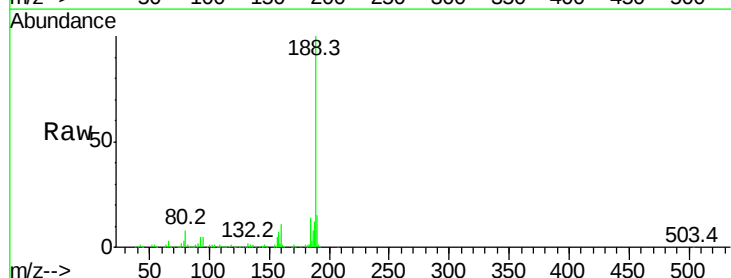


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

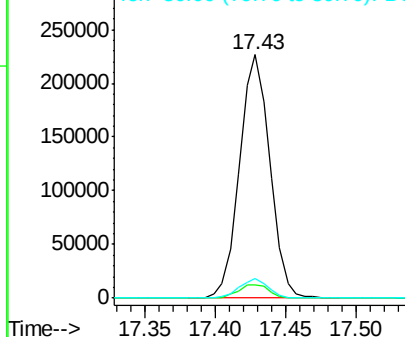
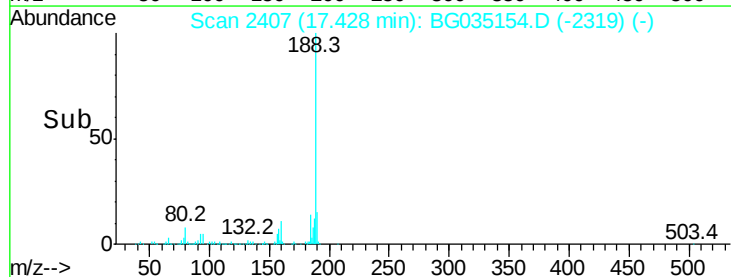


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Tgt Ion:188 Resp: 341339
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 8.1 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

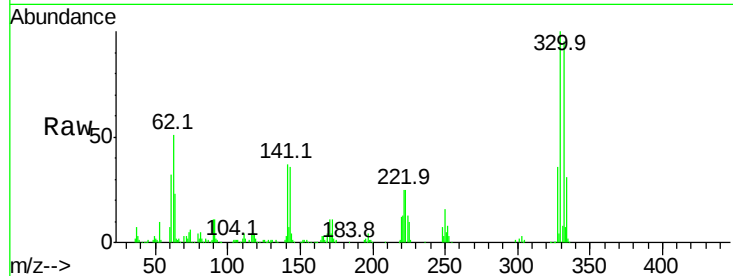




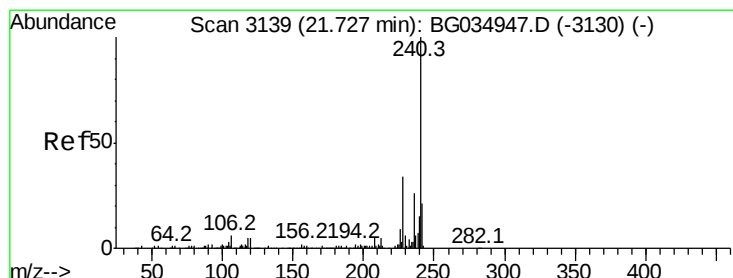
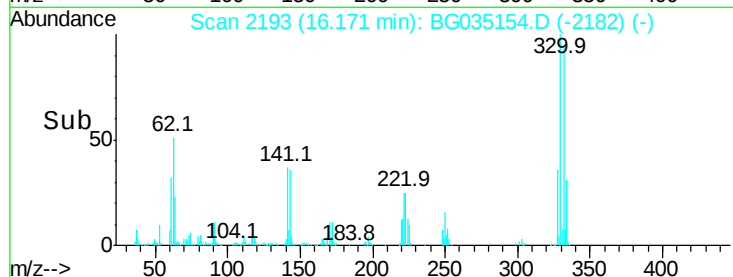
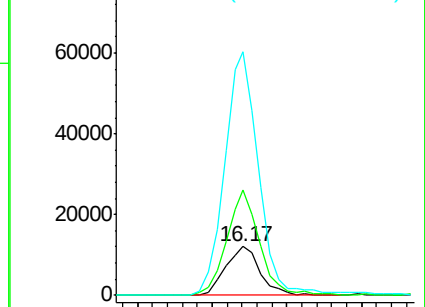
#66
4-Bromophenyl-phenylether
Concen: 4.730 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 19442
Ion Ratio Lower Upper
248 100
250 215.3 77.1 115.7#
141 497.1 50.8 76.2#

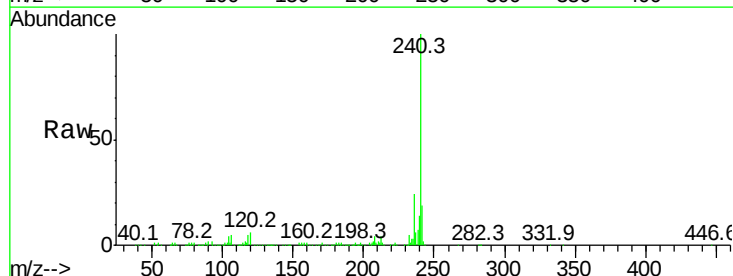


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

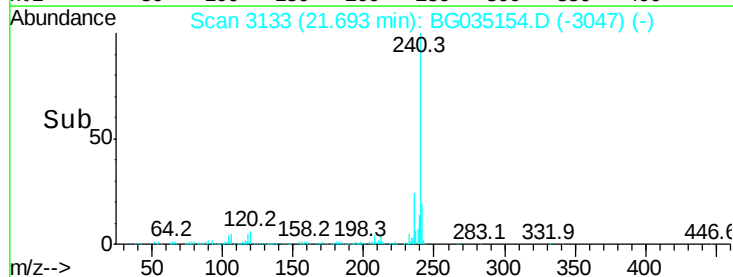
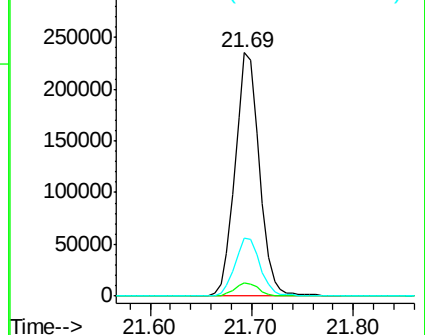


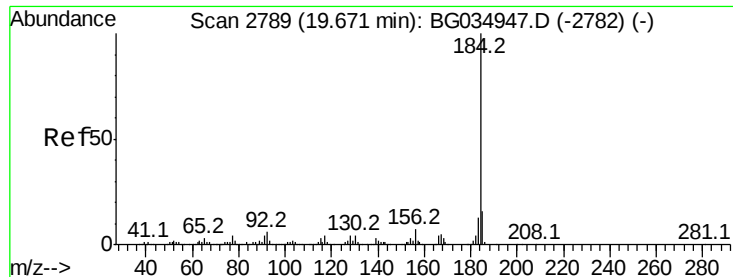
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Tgt Ion:240 Resp: 392056
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 23.7 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: 2.019 ng

RT: 20.04 min Scan# 2851

Delta R.T. 0.37 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

Instrument :

BNA_G

ClientSampleId :

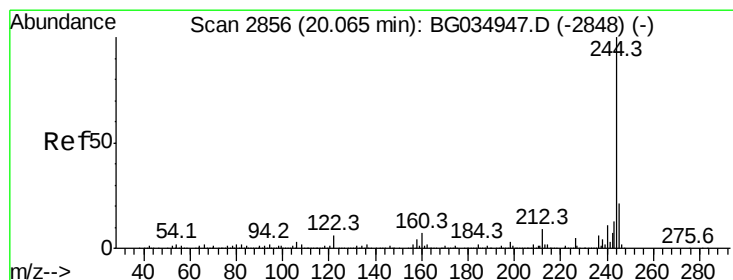
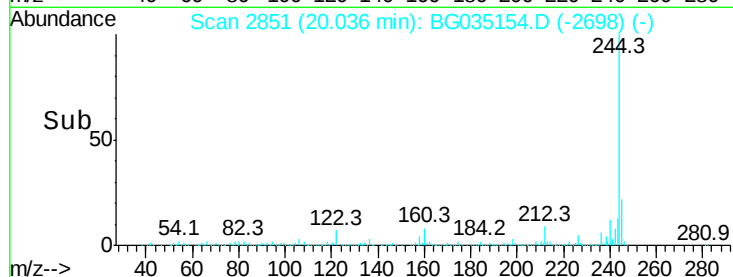
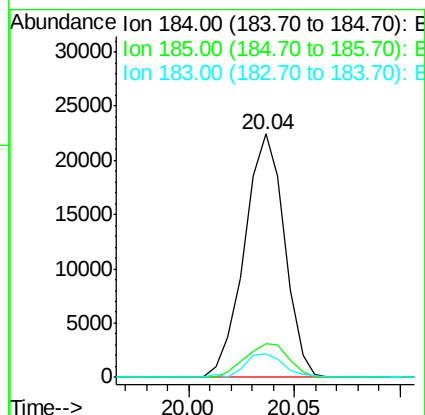
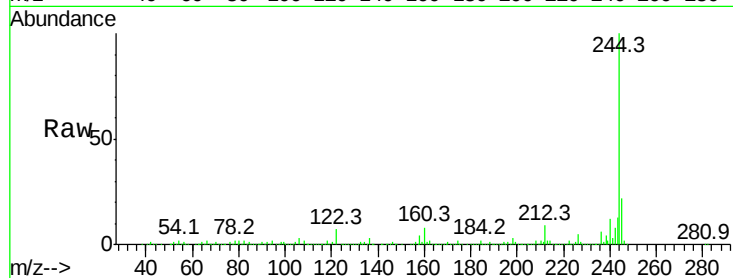
Tot Ion:184 Resp: 29456

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 9.4 10.6 16.0#



#78

Terphenyl-d14

Concen: 92.399 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

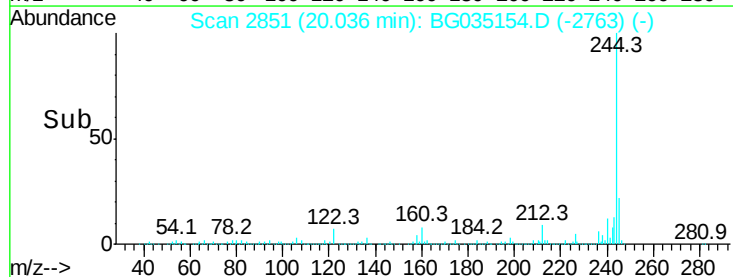
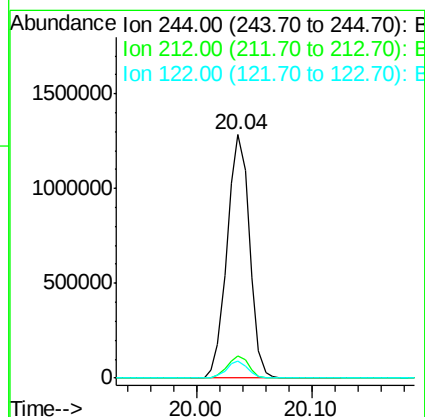
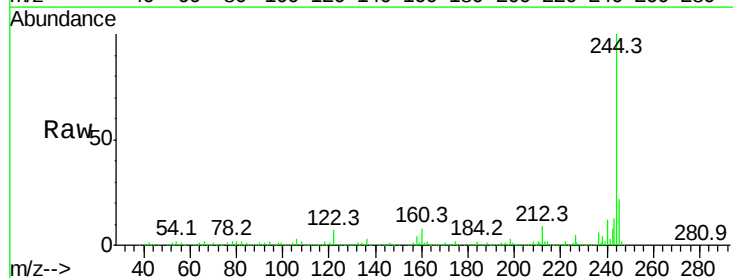
Tgt Ion:244 Resp: 1729411

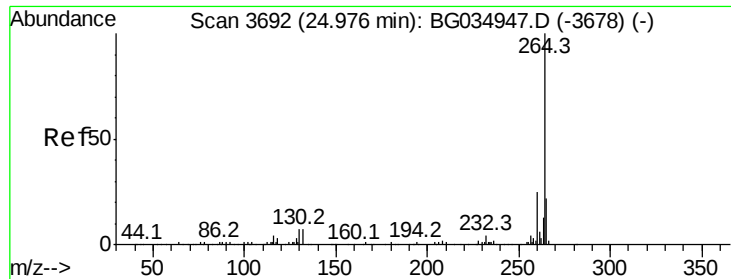
Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

122 7.0 7.0 10.4

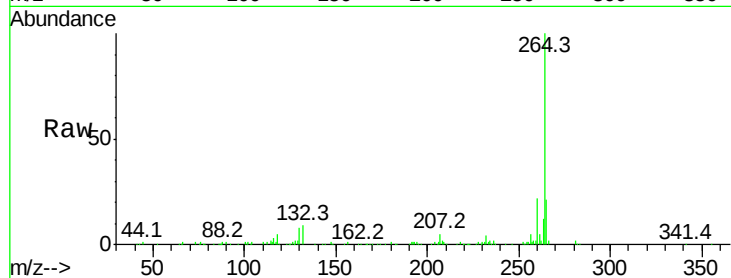




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.3	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

