

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035397.D
 Acq On : 26 Jun 2018 4:31
 Operator : JU/SJ
 Sample : J3676-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 06:44:02 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

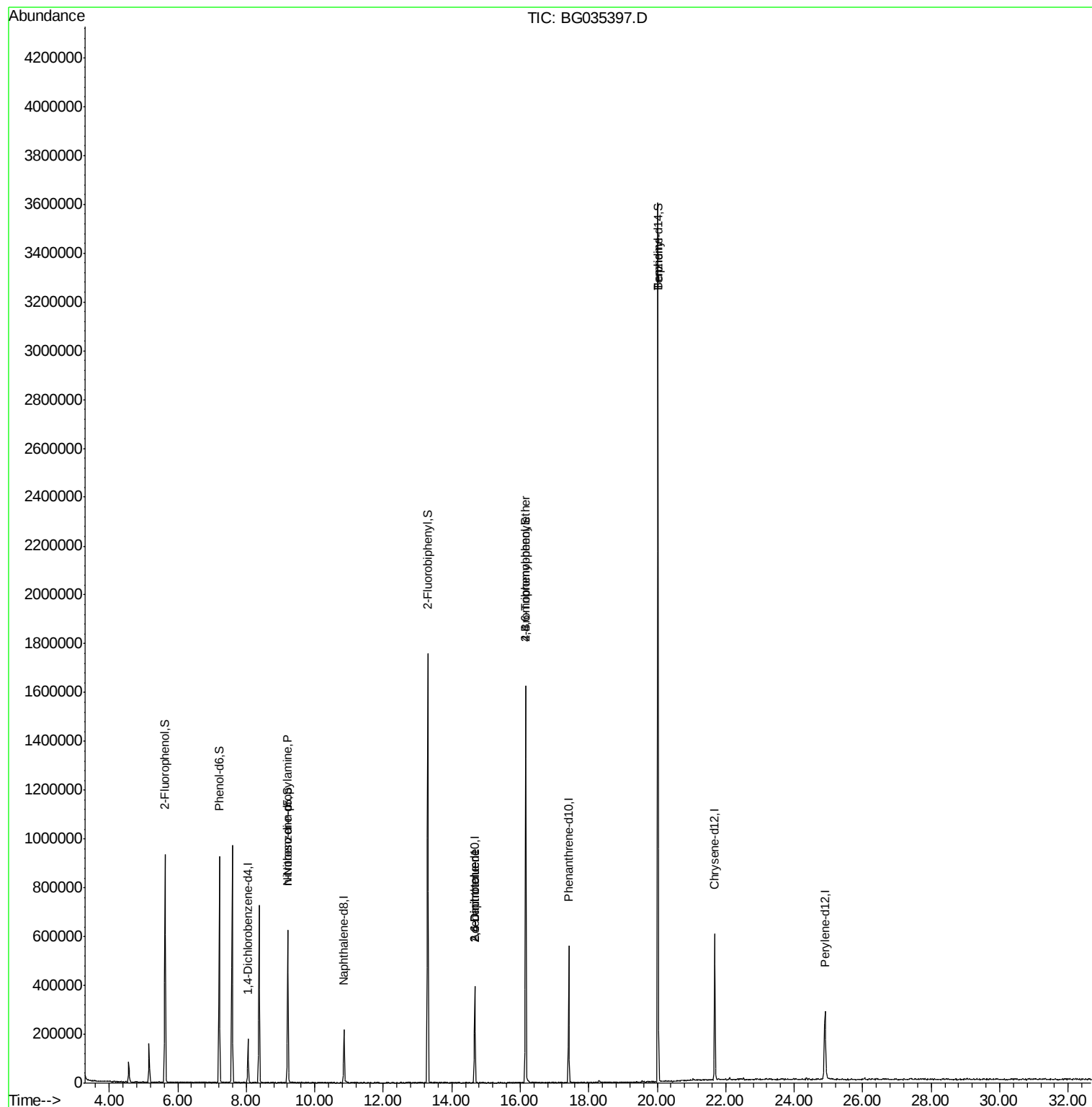
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48331	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	187251	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	132623	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	355595	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	385620	20.00	ng	-0.04
86) Perylene-d12	24.90	264	347687	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	410308	143.27	ng	-0.02
7) Phenol-d6	7.21	99	551586	130.49	ng	-0.01
23) Nitrobenzene-d5	9.21	82	407770	103.51	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	296530	174.66	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	934007	91.55	ng	-0.03
78) Terphenyl-d14	20.02	244	1775276	96.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	53768	14.973	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	18679	8.853	ng	# 19
56) 2,4-Dinitrotoluene	14.67	165	18679	6.665	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	22861	5.339	ng	# 1
76) Benzidine	20.02	184	30549	2.129	ng	# 94

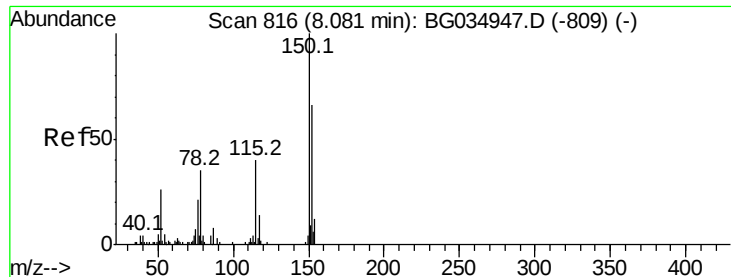
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035397.D
Acq On : 26 Jun 2018 4:31
Operator : JU/SJ
Sample : J3676-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 26 06:44:02 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



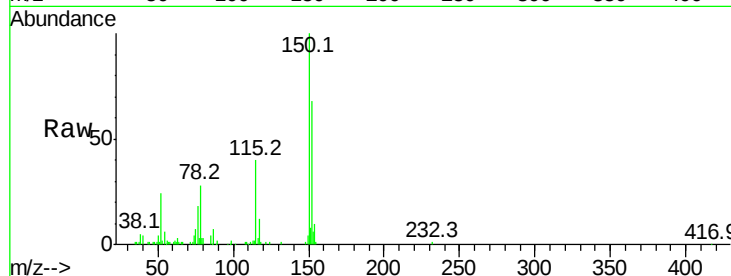


#1

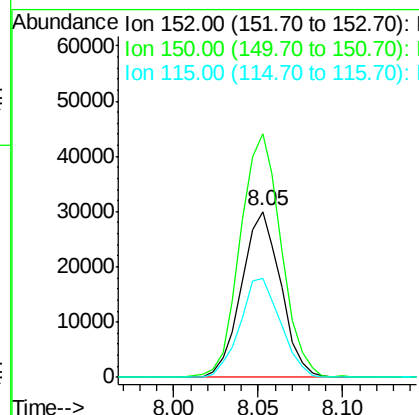
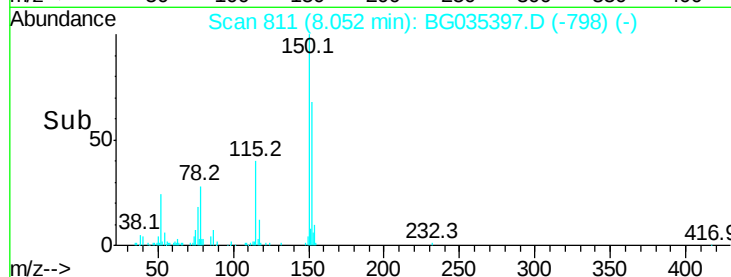
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	126.6	189.8
115	59.4	53.0	79.4



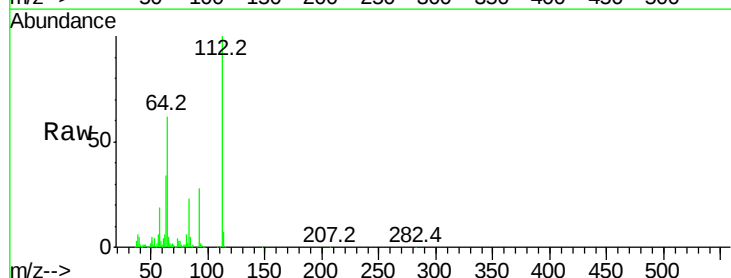
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



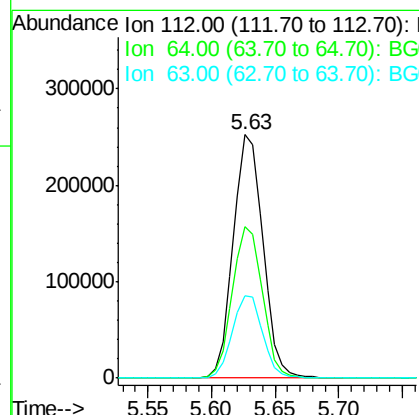
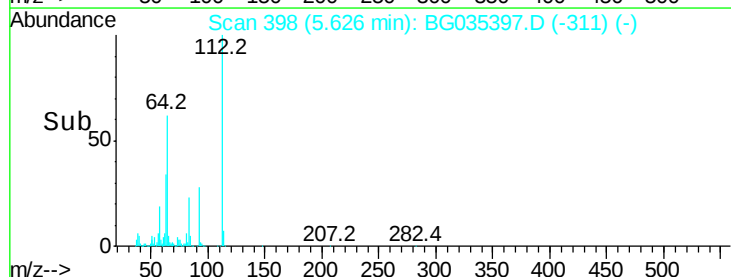
#5

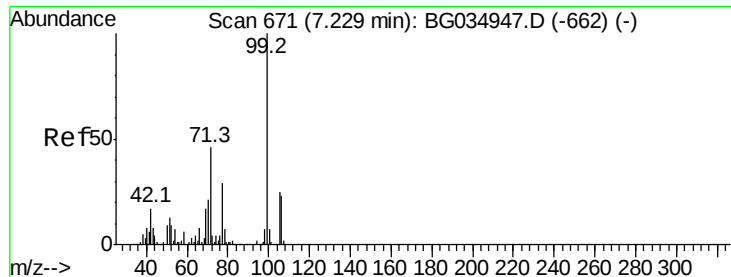
2-Fluorophenol
Concen: 143.270 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	56.3	84.5
63	33.6	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: 130.494 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

Instrument :

BNA_G

ClientSampleId :

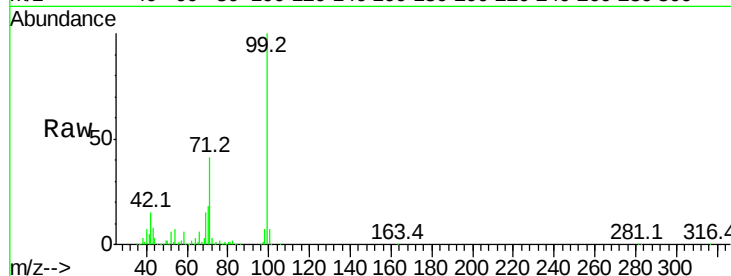
Tot Ion: 99 Resp: 551586

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

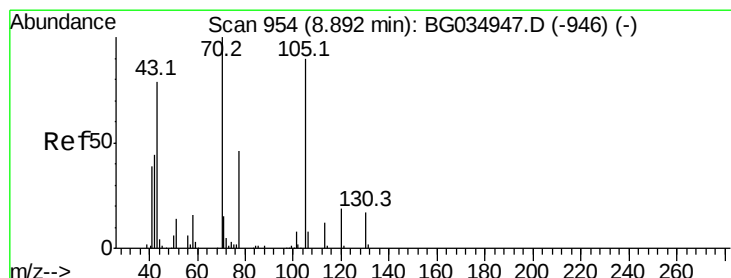
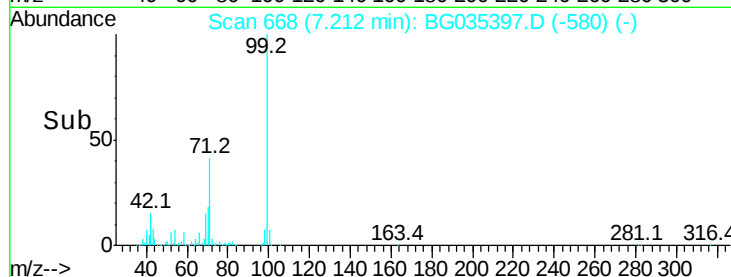
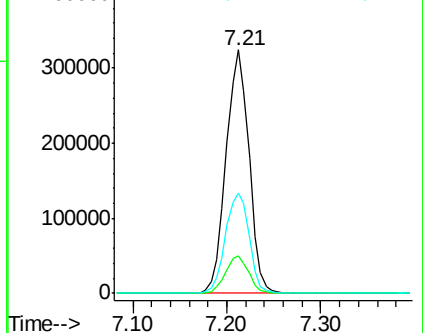
71 41.0 26.1 39.1#



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: 14.973 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

Tgt Ion: 70 Resp: 53768

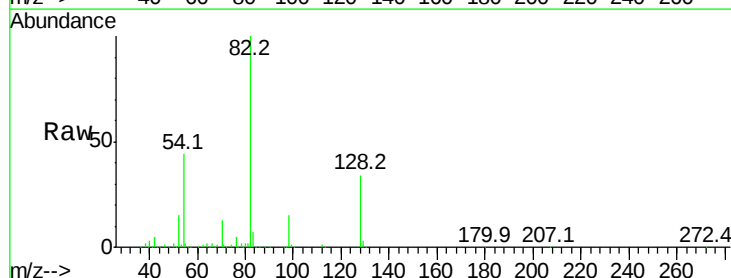
Ion Ratio Lower Upper

70 100

42 39.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

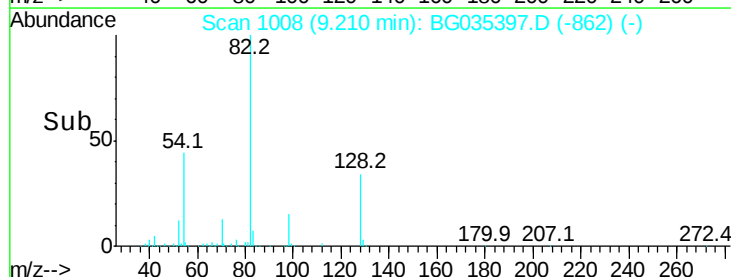
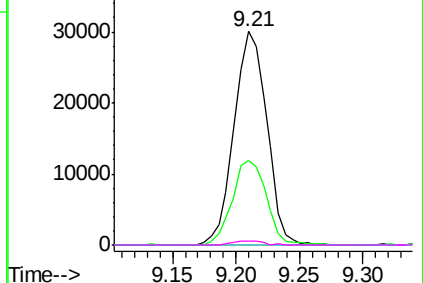


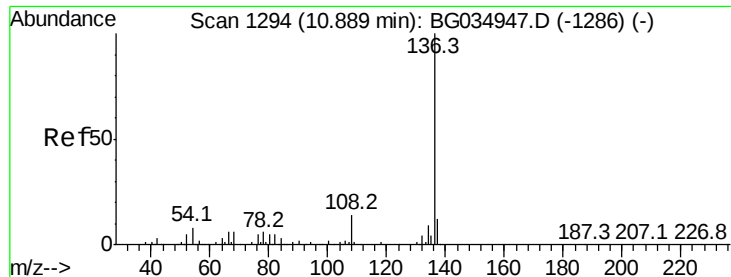
Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 187251

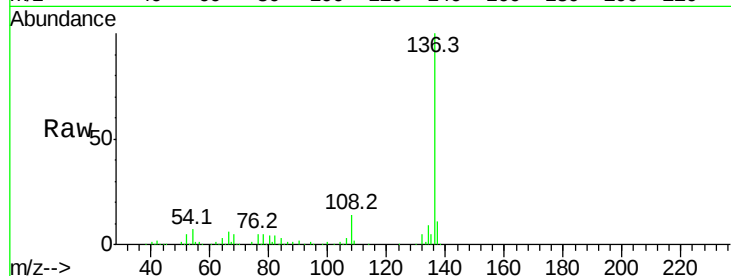
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.1 10.3 15.5#

68 4.8 4.5 6.7

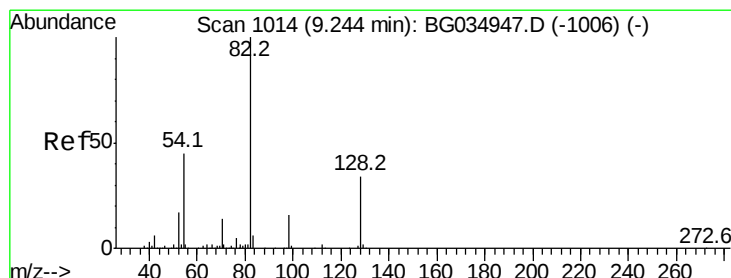
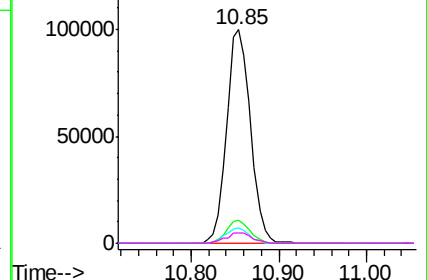
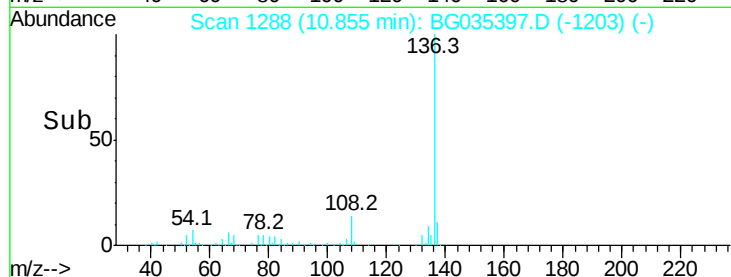


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.514 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

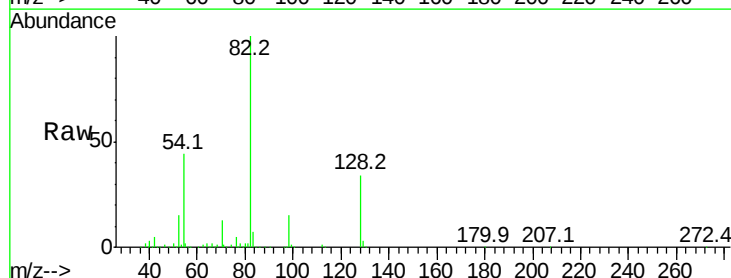
Tgt Ion: 82 Resp: 407770

Ion Ratio Lower Upper

82 100

128 33.7 29.7 44.5

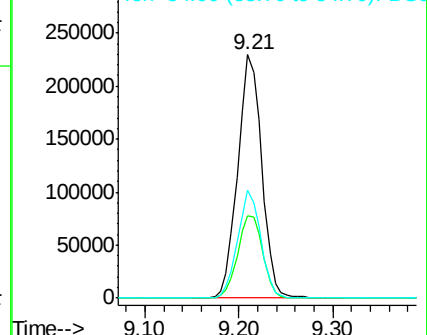
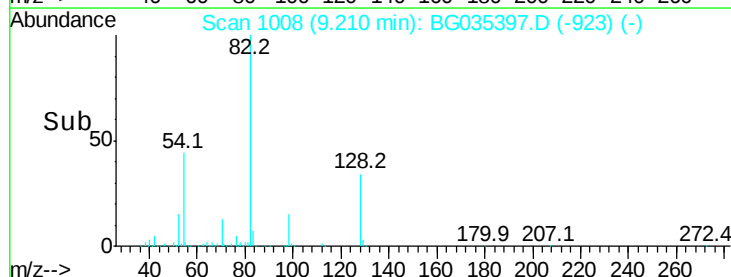
54 44.2 43.1 64.7

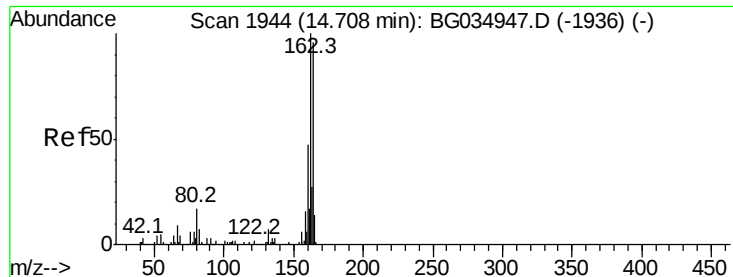


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

Instrument :

BNA_G

ClientSampleId :

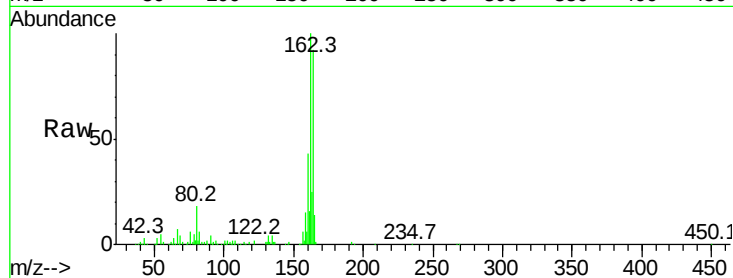
Tot Ion:164 Resp: 132623

Ion Ratio Lower Upper

164 100

162 108.1 78.8 118.2

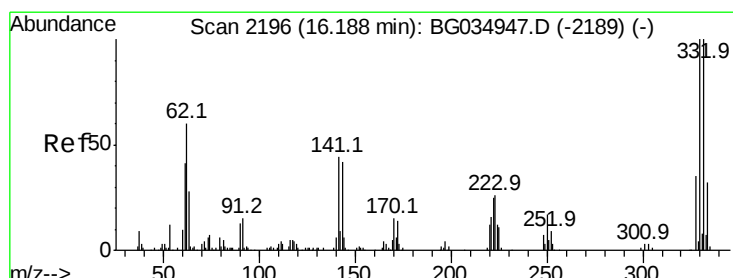
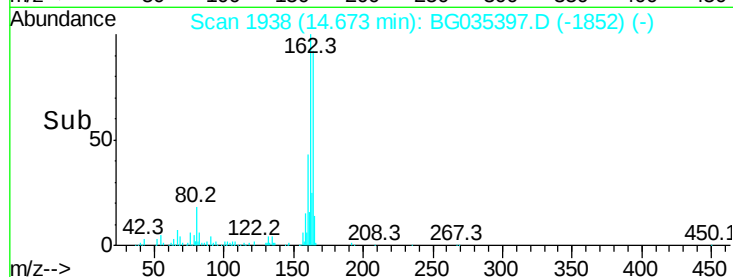
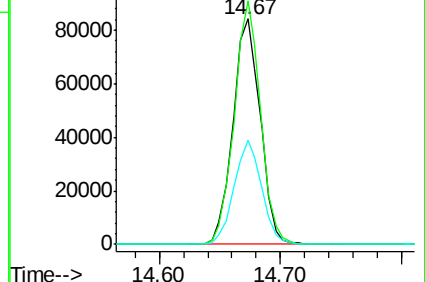
160 46.4 35.4 53.0



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: 174.661 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

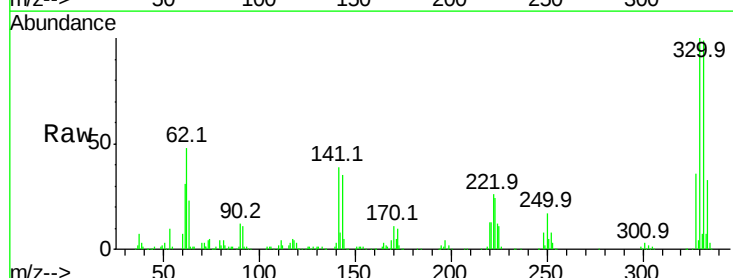
Tgt Ion:330 Resp: 296530

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

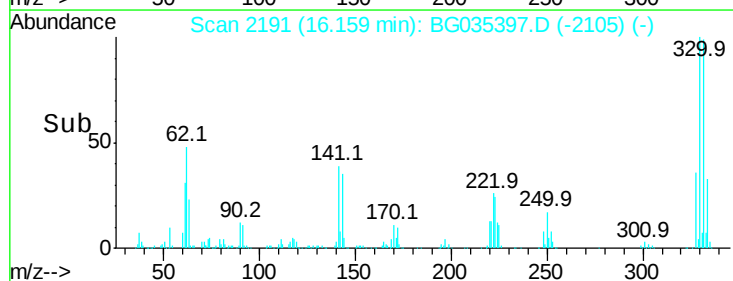
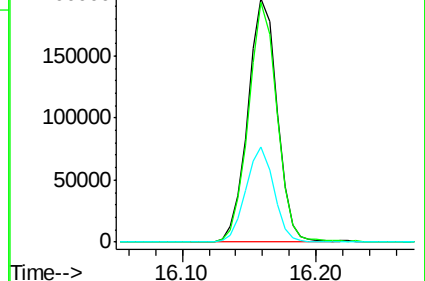
141 37.9 25.2 37.8#

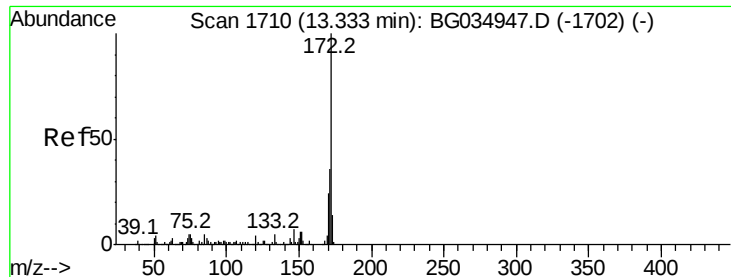


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

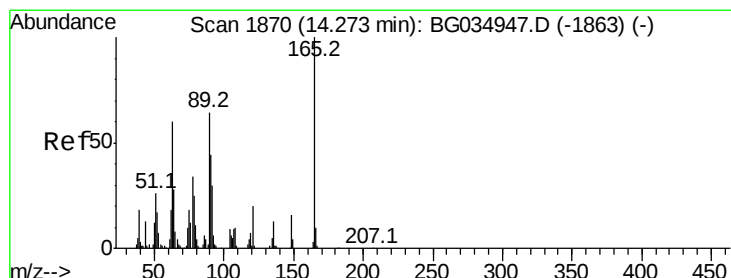
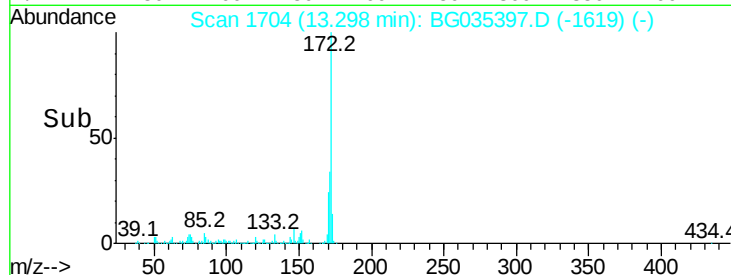
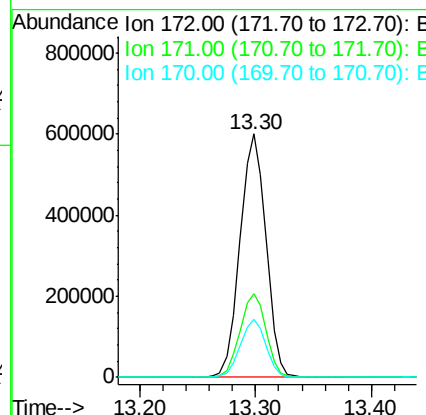
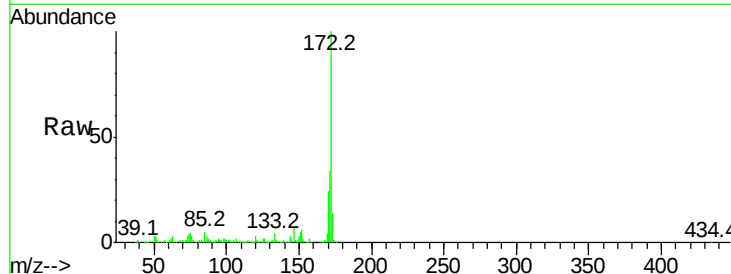




#44
 2-Fluorobiphenyl
 Concen: 91.553 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035397.D
 Acq: 26 Jun 2018 4:31

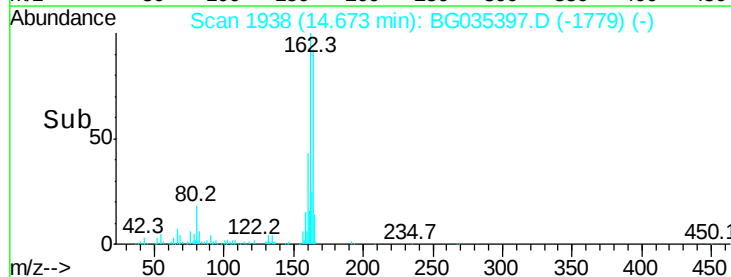
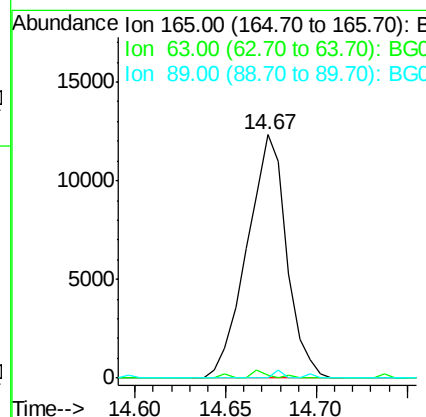
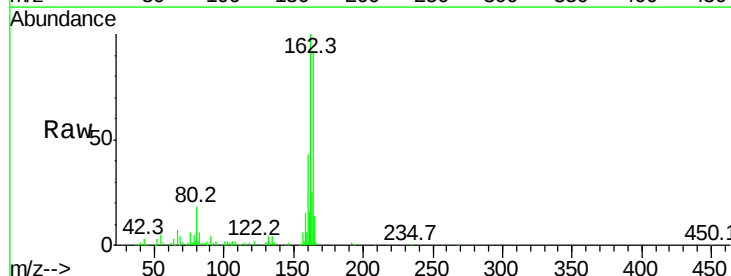
Instrument :
 BNA_G
 ClientSampleId :

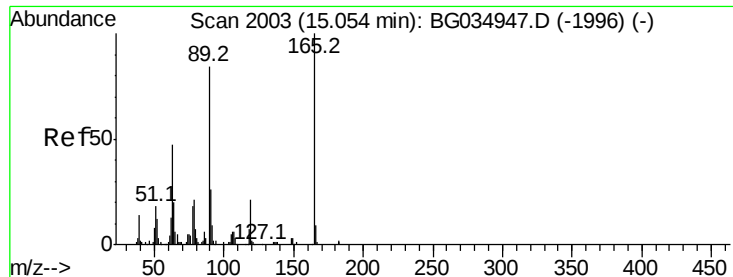
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.7	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.853 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.41 min
 Lab File: BG035397.D
 Acq: 26 Jun 2018 4:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	52.7	79.1#
89	0.0	49.2	73.8#

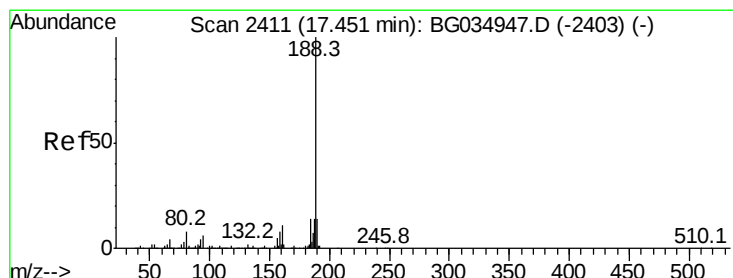
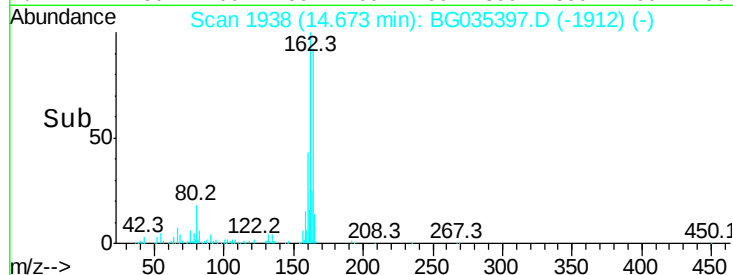
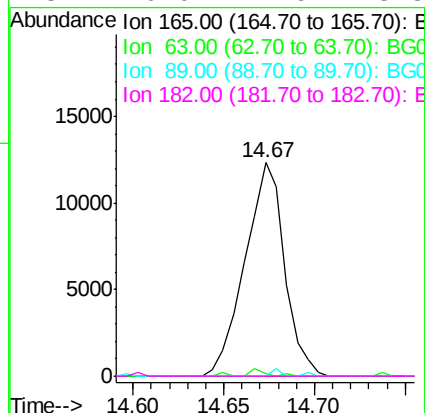
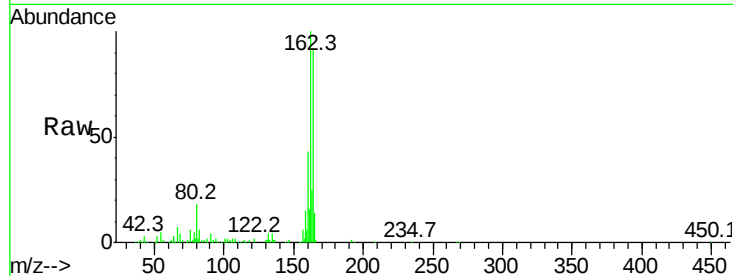




#56
2,4-Dinitrotoluene
Concen: 6.665 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

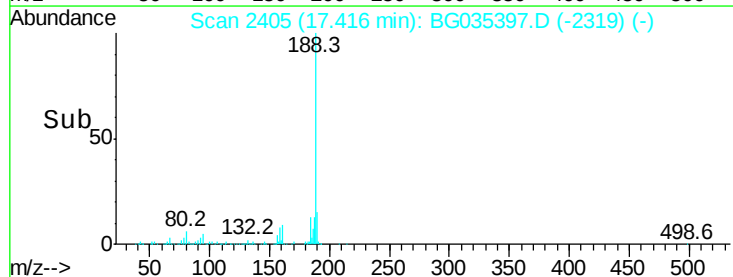
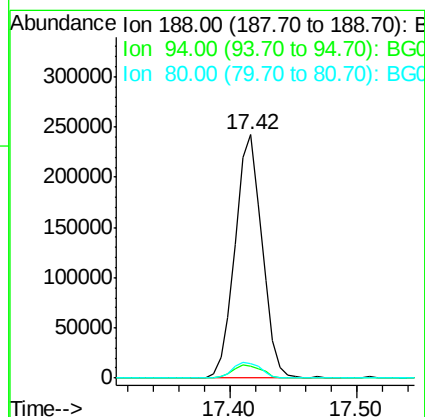
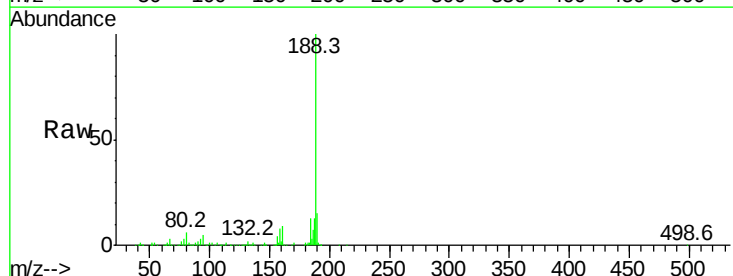
Instrument :
BNA_G
ClientSampleId :

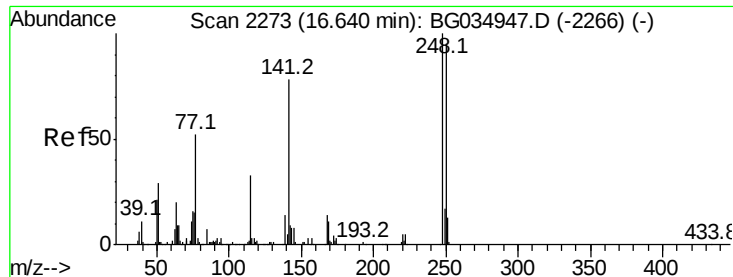
Tot Ion:165 Resp: 18679
Ion Ratio Lower Upper
165 100
63 1.3 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Tgt Ion:188 Resp: 355595
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 6.0 7.7 11.5#

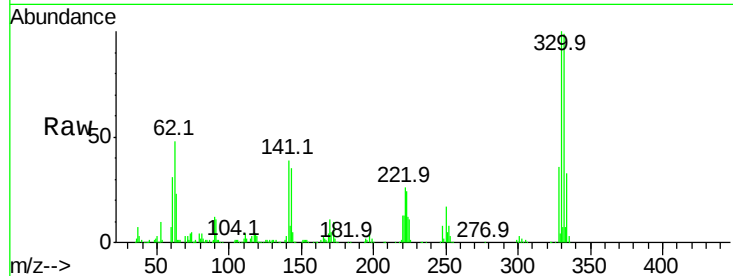




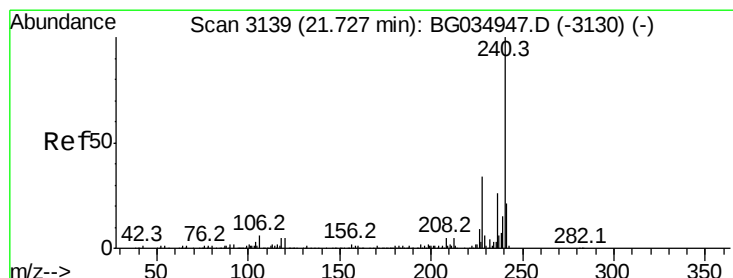
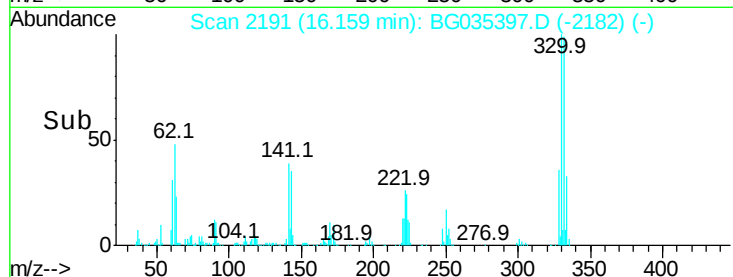
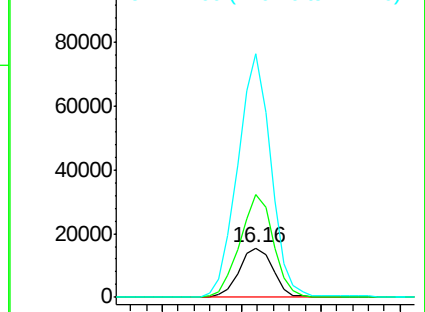
#66
4-Bromophenyl-phenylether
Concen: 5.339 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 22861
Ion Ratio Lower Upper
248 100
250 209.9 77.1 115.7#
141 495.8 50.8 76.2#

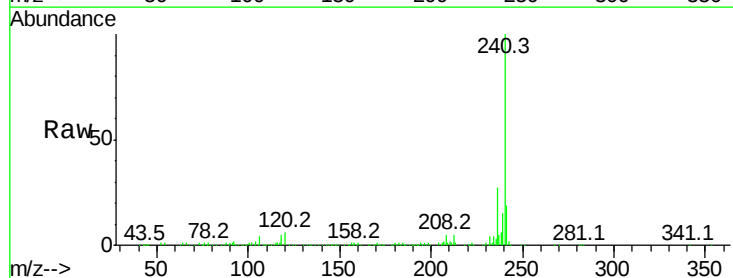


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

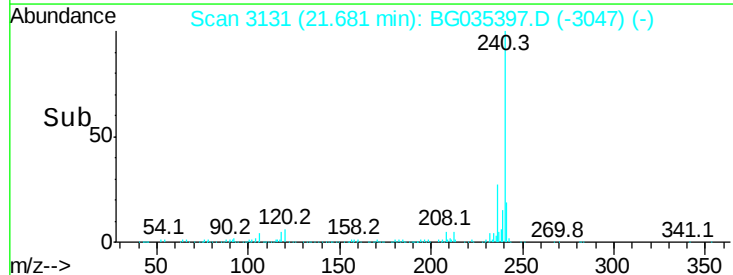
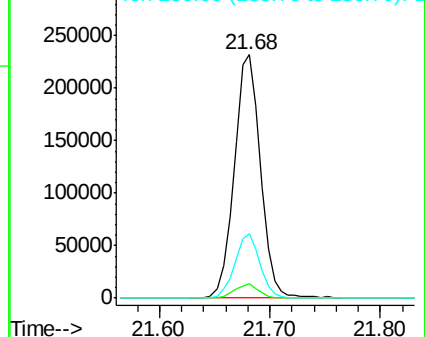


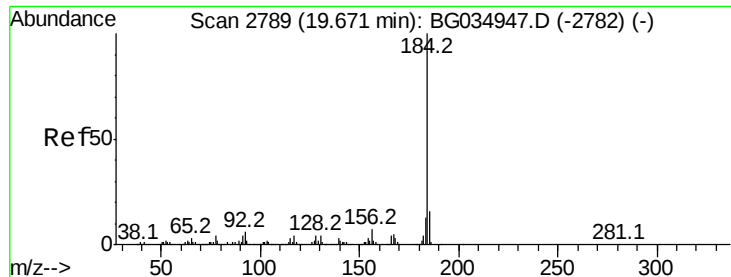
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Tgt Ion:240 Resp: 385620
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 26.6 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

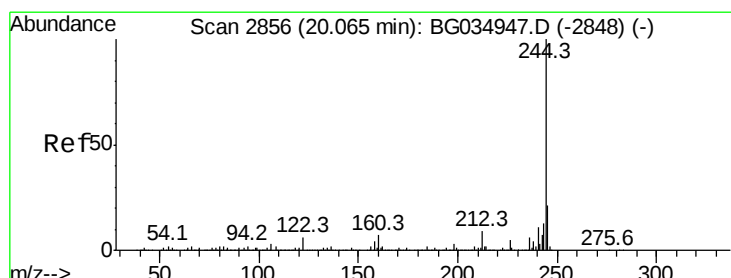
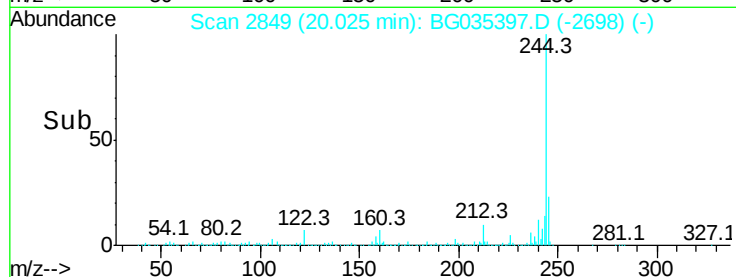
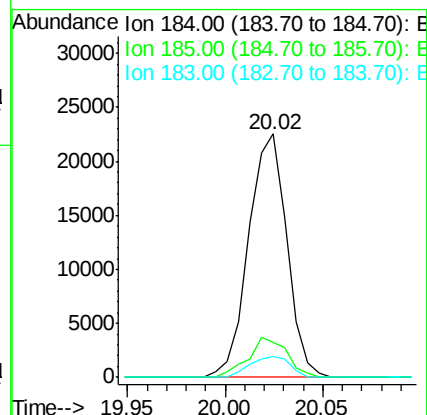
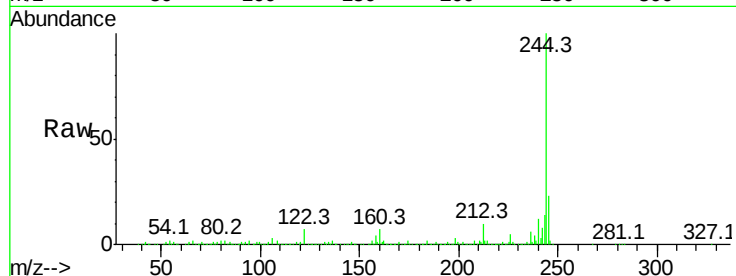




#76
Benzidine
Concen: 2.129 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

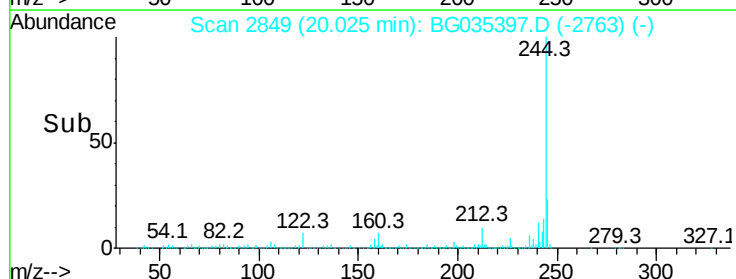
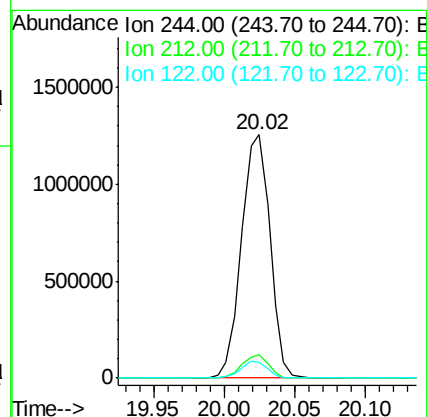
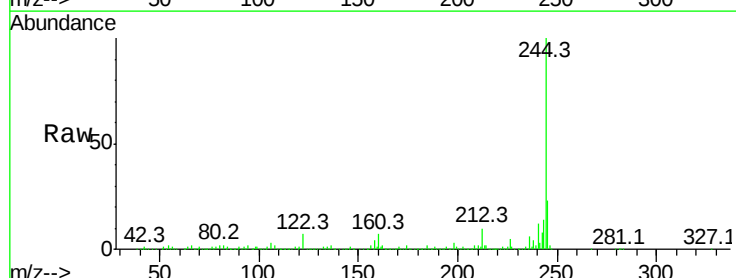
Instrument :
BNA_G
ClientSampleId :

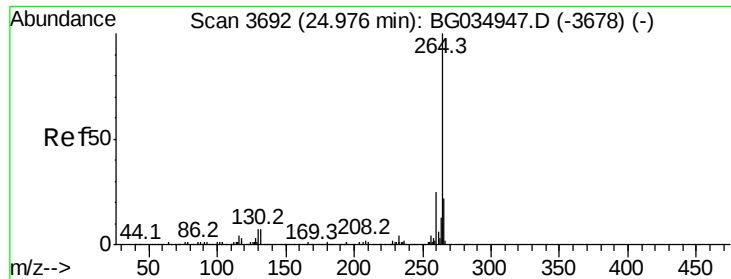
Tot Ion:184 Resp: 30549
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 8.7 10.6 16.0#



#78
Terphenyl-d14
Concen: 96.432 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Tgt Ion:244 Resp: 1775276
Ion Ratio Lower Upper
244 100
212 9.6 5.8 8.8#
122 6.7 7.0 10.4#

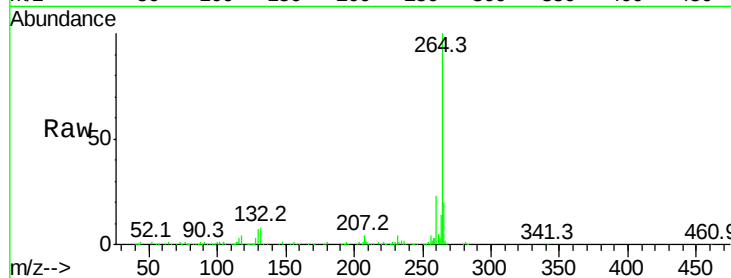




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.2	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

