

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080618\
 Data File : BG036152.D
 Acq On : 7 Aug 2018 7:53
 Operator : JU/SJ
 Sample : J4333-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 07 08:36:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

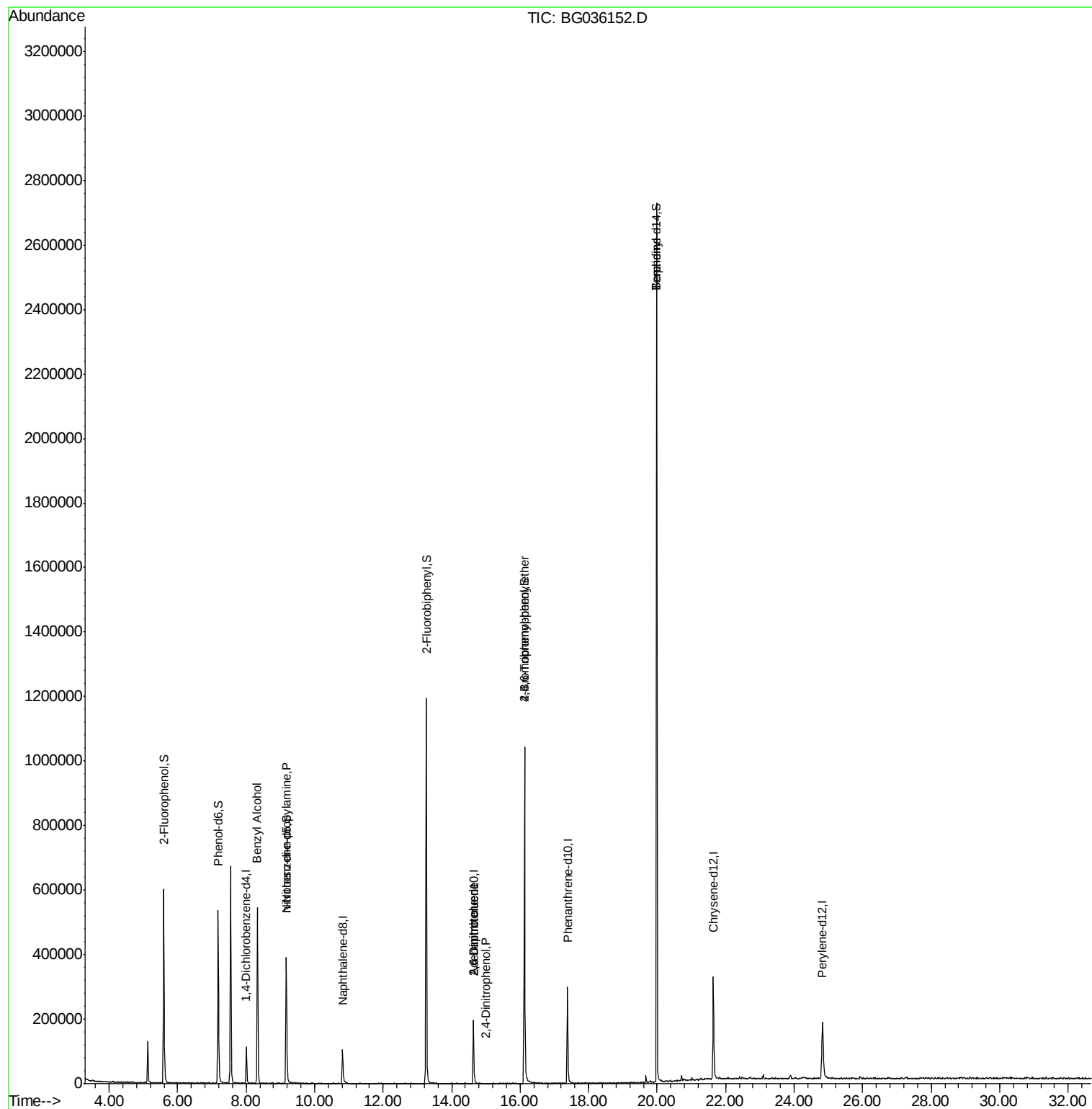
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31831	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	109765	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	80168	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	234513	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	239711	20.00	ng	-0.02
86) Perylene-d12	24.83	264	221932	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	270634	141.16	ng	-0.01
7) Phenol-d6	7.18	99	342184	119.62	ng	-0.01
23) Nitrobenzene-d5	9.17	82	293670	111.77	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	216377	204.77	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	683624	114.24	ng	-0.02
78) Terphenyl-d14	19.98	244	1328758	122.19	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.33	79	5438	2.093	ng	# 41
19) n-Nitroso-di-n-propylamine	9.17	70	41006	17.023	ng	# 65
50) 2,6-Dinitrotoluene	14.63	165	11224	7.847	ng	# 18
53) 2,4-Dinitrophenol	15.00	184	84	6.687	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	11224	5.470	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	18028	6.626	ng	# 1
76) Benzydine	19.98	184	23675	3.757	ng	# 90

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

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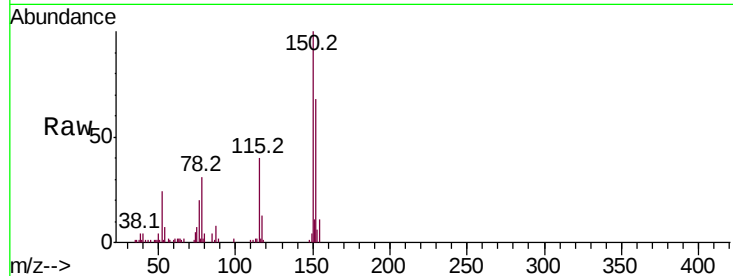


#1

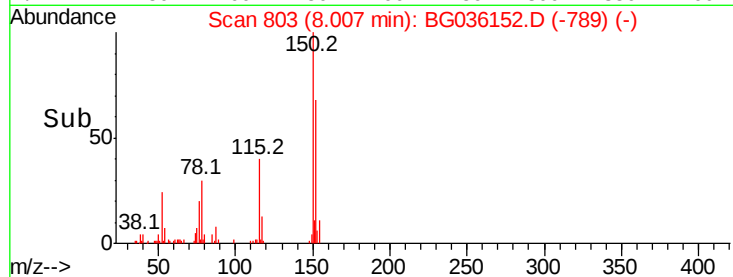
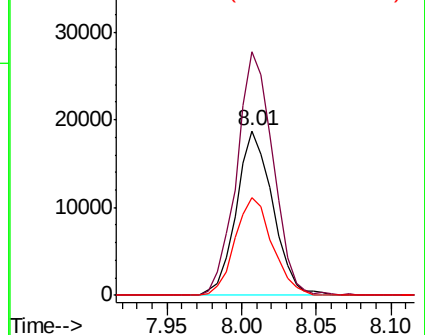
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036152.D
Acq: 7 Aug 2018 7:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.6	189.8
115	59.5	53.0	79.4



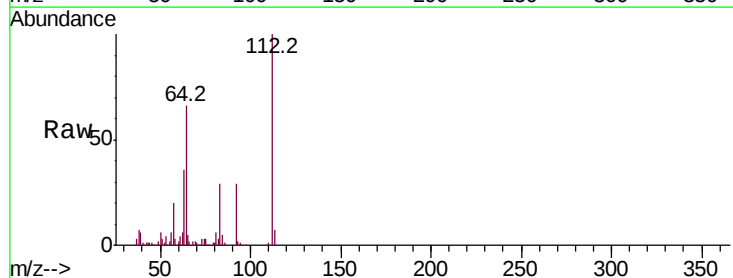
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



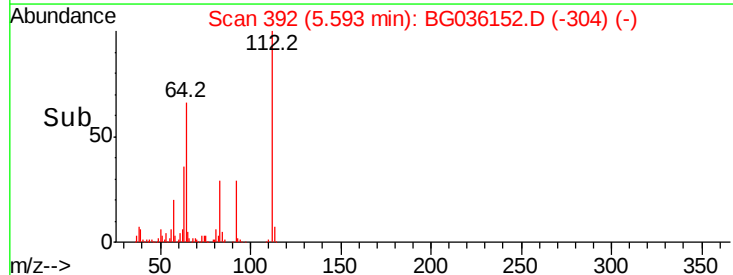
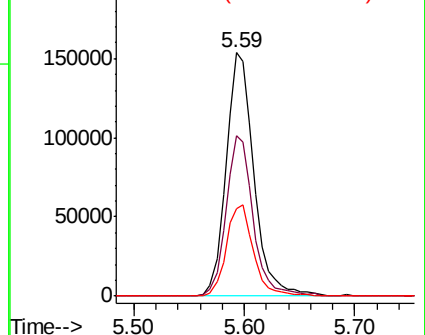
#5

2-Fluorophenol
Concen: 141.157 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036152.D
Acq: 7 Aug 2018 7:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	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: 119.623 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036152.D

Acq: 7 Aug 2018 7:53

Instrument :

BNA_G

ClientSampled :

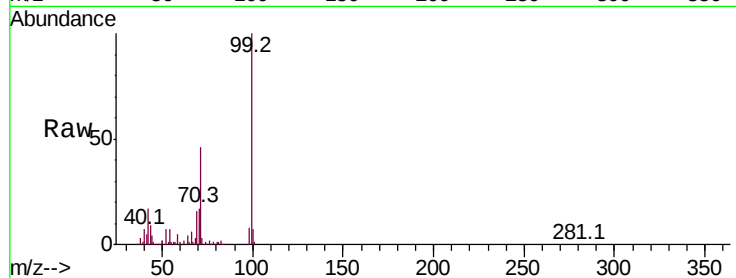
Tot Ion: 99 Resp: 342184

Ion Ratio Lower Upper

99 100

42 16.8 14.1 21.1

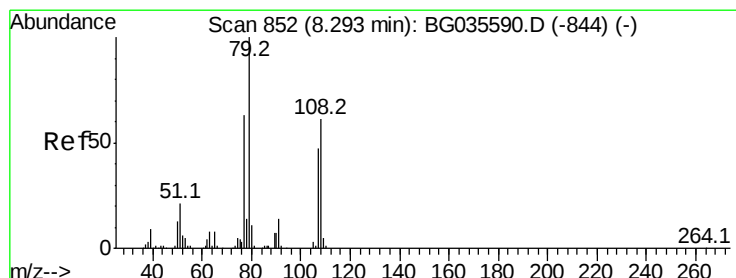
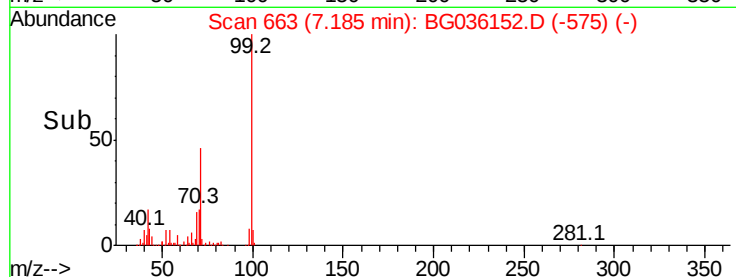
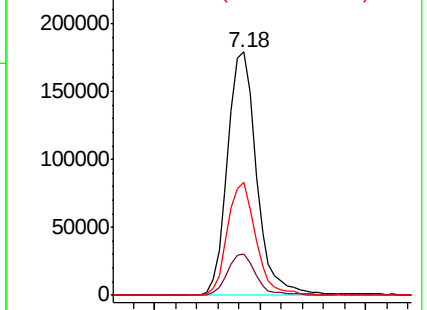
71 46.2 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.093 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.06 min

Lab File: BG036152.D

Acq: 7 Aug 2018 7:53

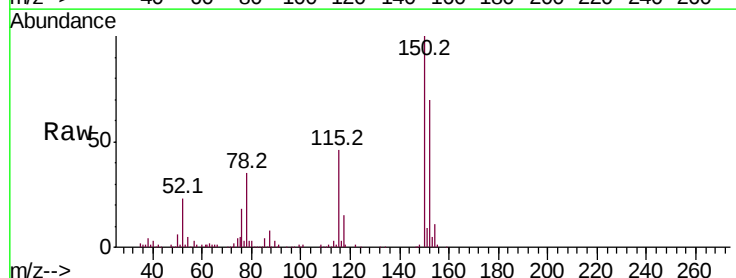
Tgt Ion: 79 Resp: 5438

Ion Ratio Lower Upper

79 100

108 26.1 57.2 85.8#

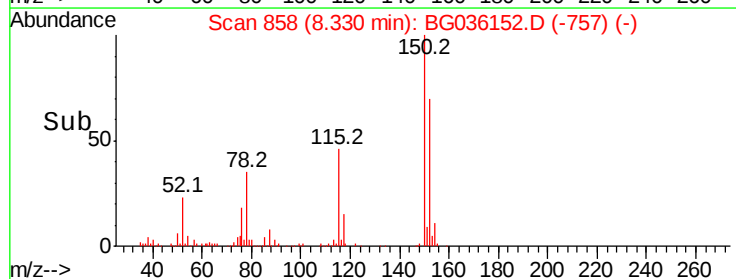
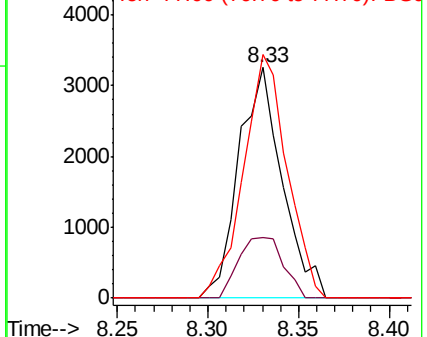
77 105.6 46.1 69.1#

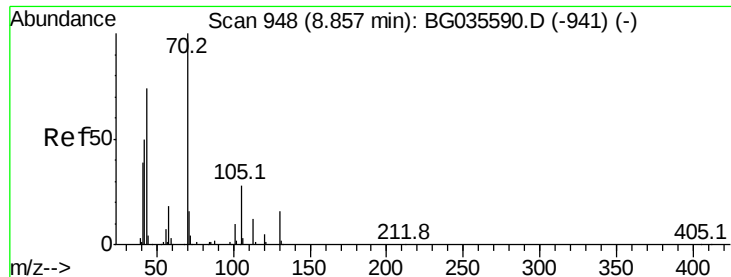


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

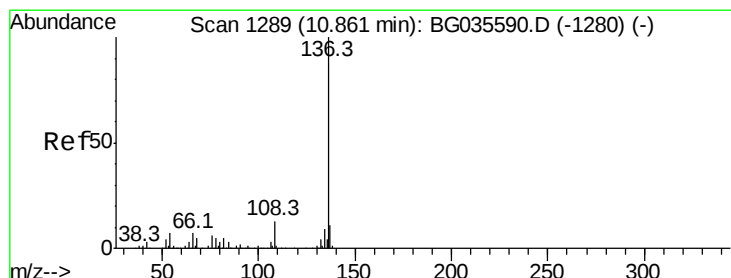
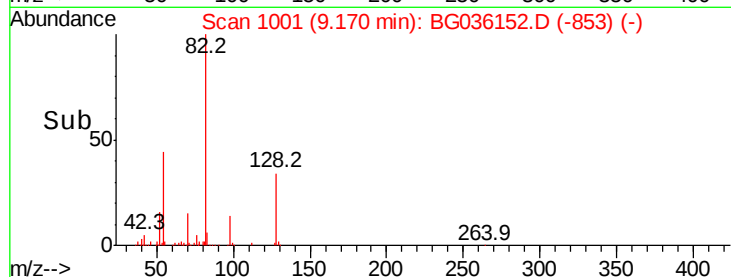
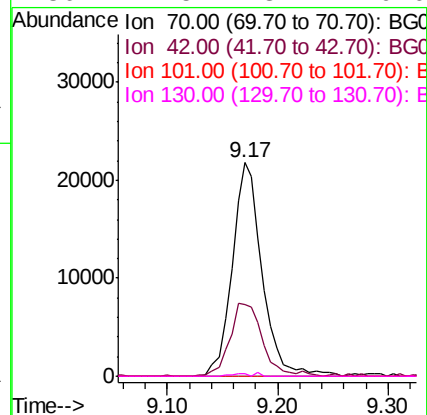
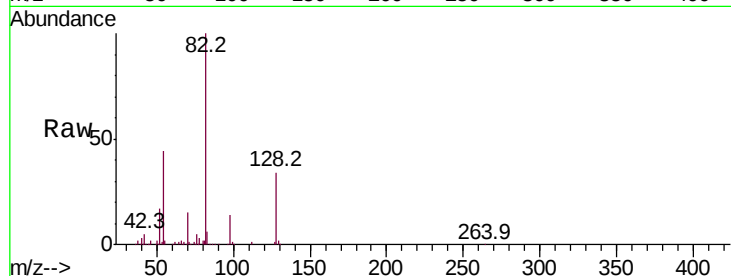




#19
n-Nitroso-di-n-propylamine
Concen: 17.023 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036152.D
Acq: 7 Aug 2018 7:53

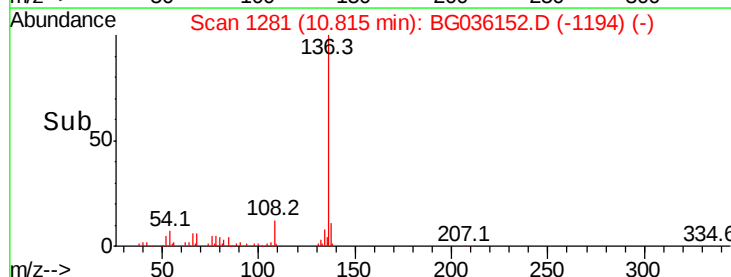
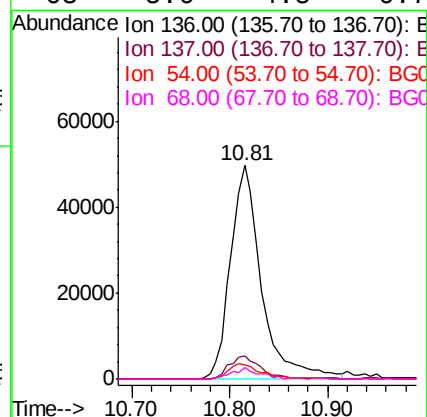
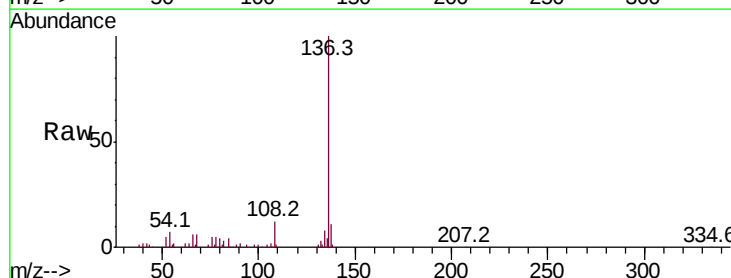
Instrument :
BNA_G
ClientSampleId :

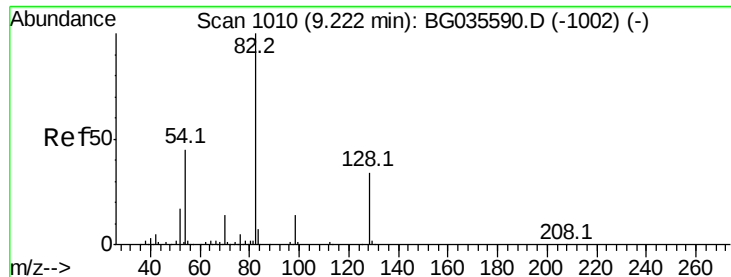
Tot Ion: 70 Resp: 41006
Ion Ratio Lower Upper
70 100
42 33.8 49.1 73.7#
101 0.0 8.5 12.7#
130 1.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036152.D
Acq: 7 Aug 2018 7:53

Tgt Ion: 136 Resp: 109765
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.5 10.3 15.5#
68 5.6 4.5 6.7

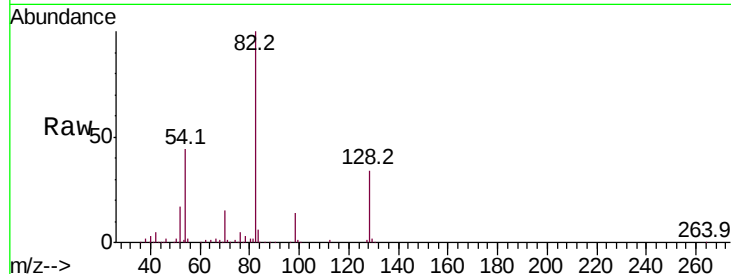




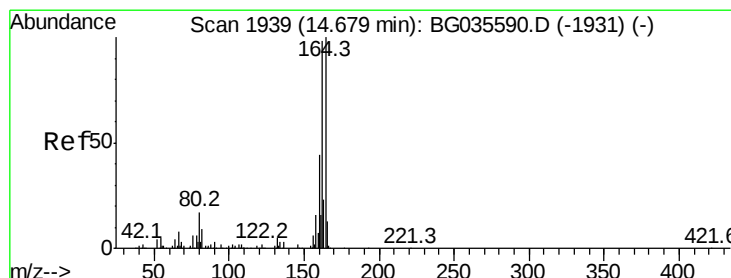
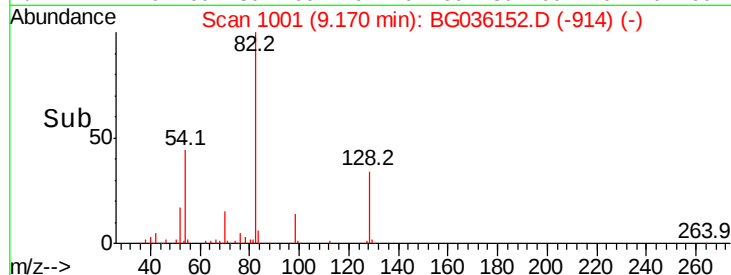
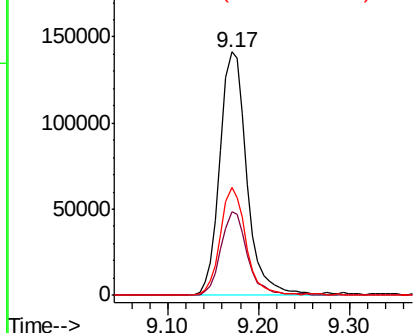
#23
Nitrobenzene-d5
Concen: 111.766 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036152.D
Acq: 7 Aug 2018 7:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	44.4	43.1	64.7

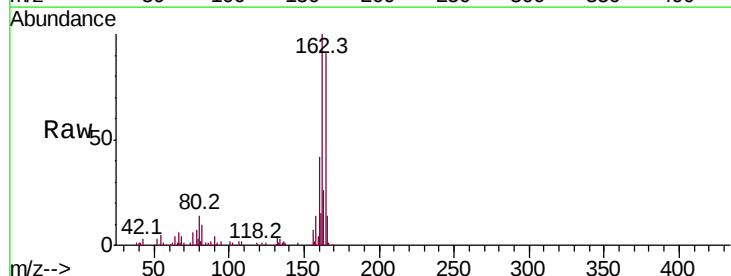


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

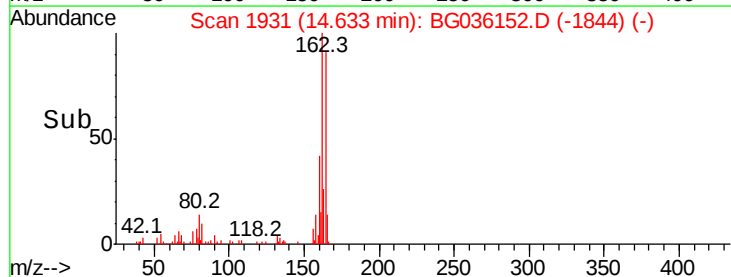
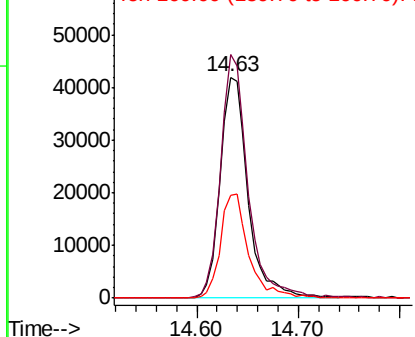


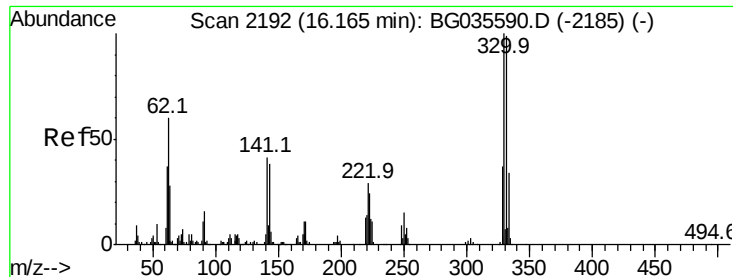
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.02 min
Lab File: BG036152.D
Acq: 7 Aug 2018 7:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.1	78.8	118.2
160	46.4	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 204.773 ng

RT: 16.13 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036152.D

Acq: 7 Aug 2018 7:53

Instrument :

BNA_G

ClientSampleId :

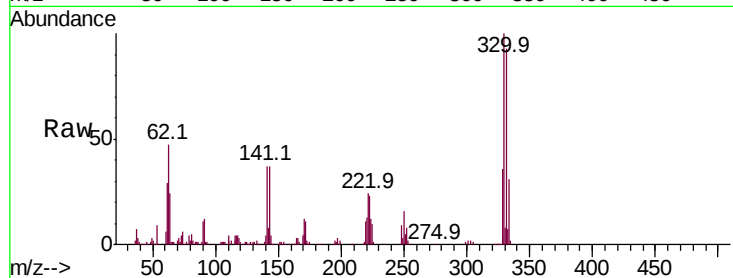
Tot Ion:330 Resp: 216377

Ion Ratio Lower Upper

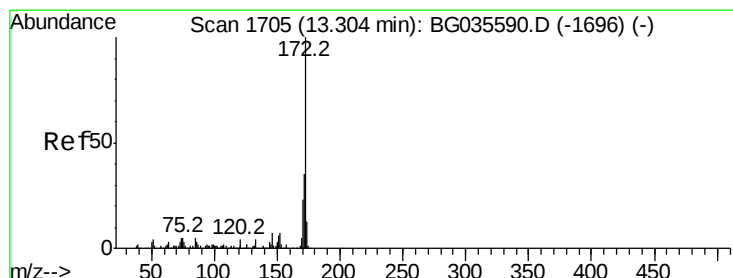
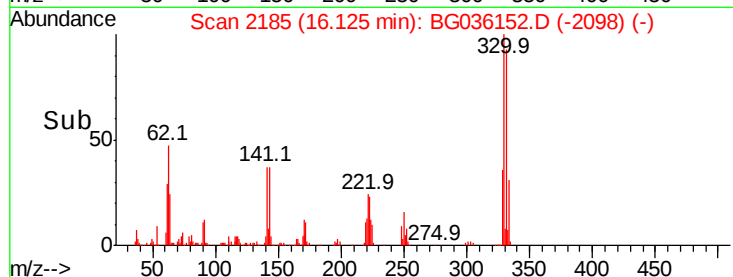
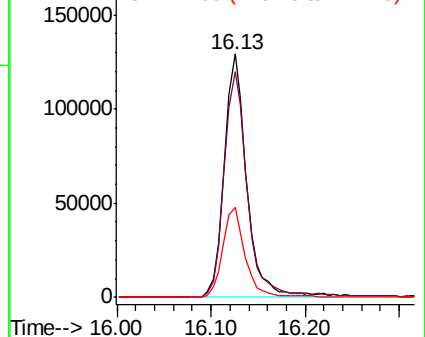
330 100

332 94.5 77.0 115.6

141 37.3 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: 114.245 ng

RT: 13.26 min Scan# 1697

Delta R.T. -0.02 min

Lab File: BG036152.D

Acq: 7 Aug 2018 7:53

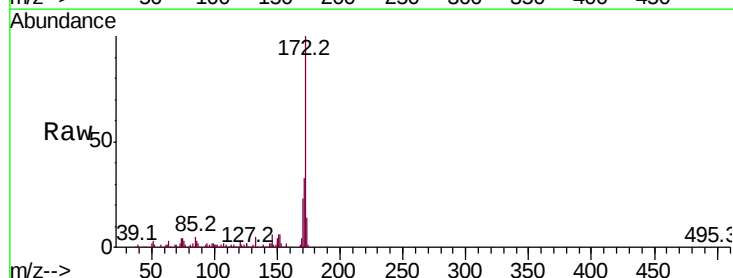
Tgt Ion:172 Resp: 683624

Ion Ratio Lower Upper

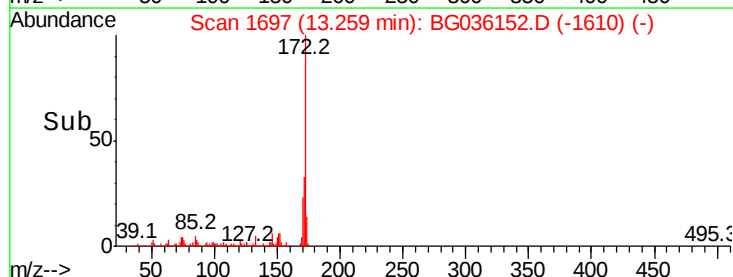
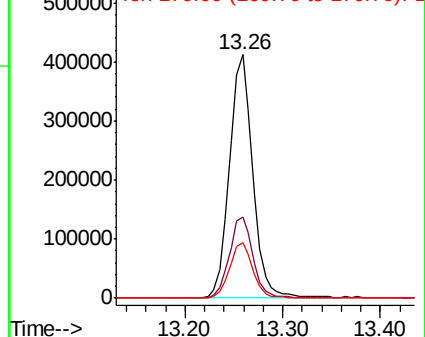
172 100

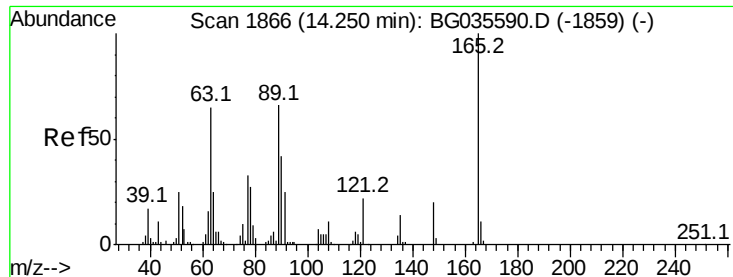
171 33.4 30.0 45.0

170 22.8 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

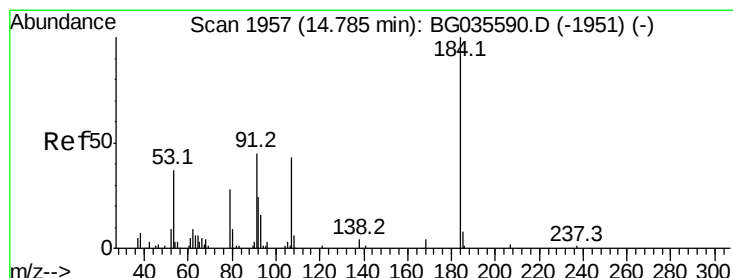
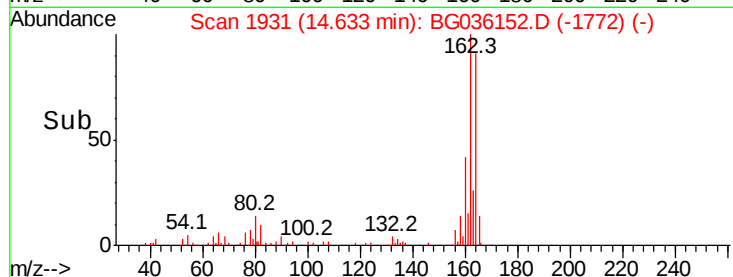
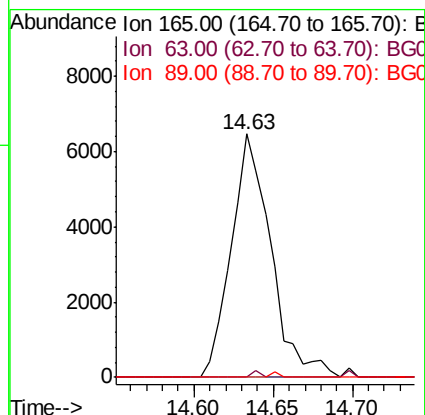
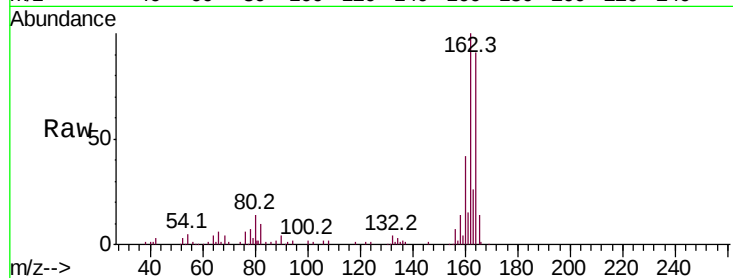




#50
2,6-Dinitrotoluene
Concen: 7.847 ng
RT: 14.63 min Scan# 1931
Delta R.T. 0.41 min
Lab File: BG036152.D
Acq: 7 Aug 2018 7:53

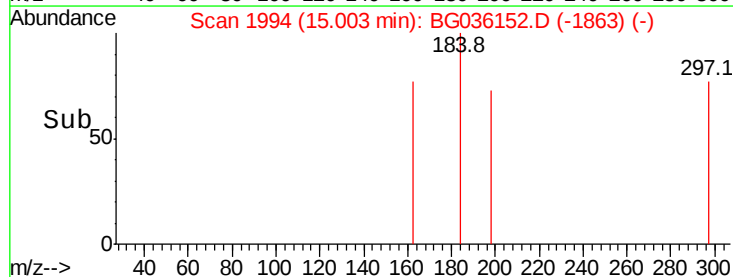
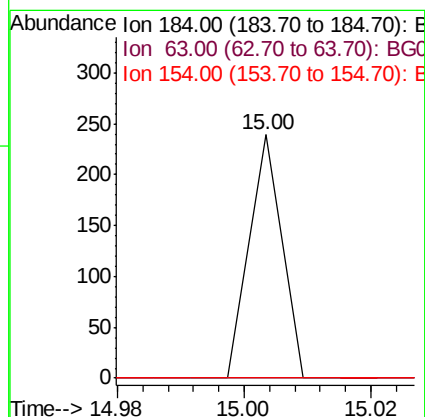
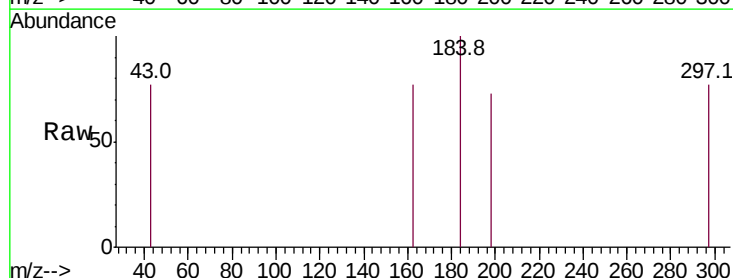
Instrument :
BNA_G
ClientSampleId :

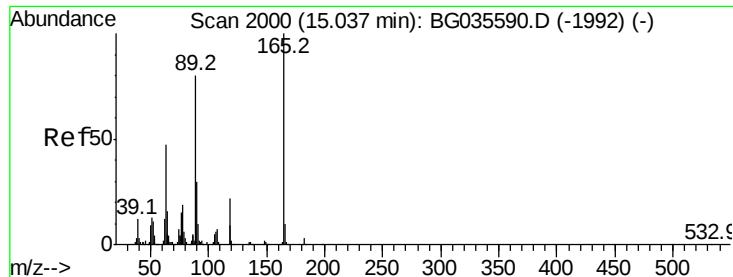
Tot Ion:165 Resp: 11224
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#



#53
2,4-Dinitrophenol
Concen: 6.687 ng
RT: 15.00 min Scan# 1994
Delta R.T. 0.24 min
Lab File: BG036152.D
Acq: 7 Aug 2018 7:53

Tgt Ion:184 Resp: 84
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

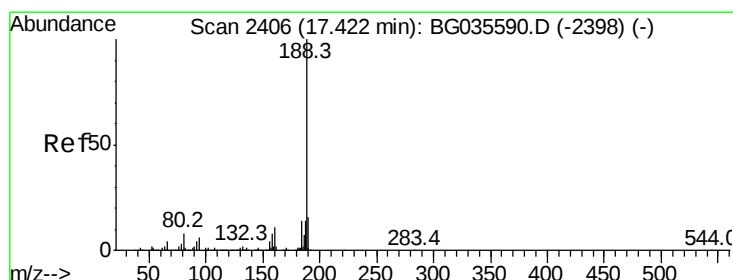
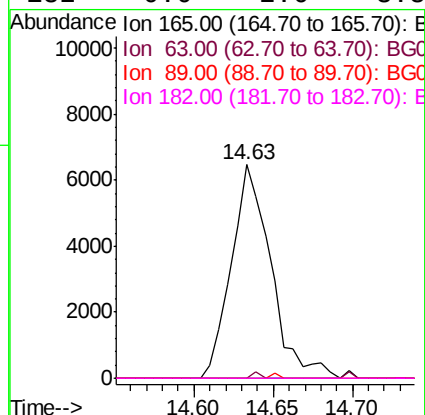
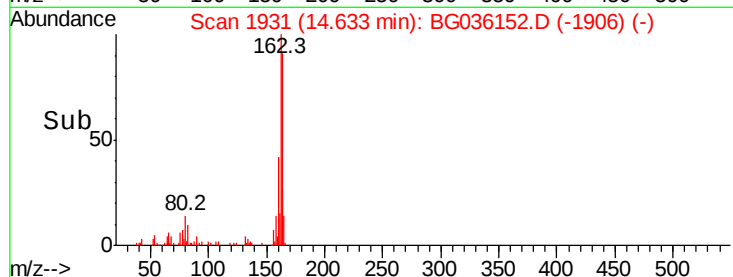
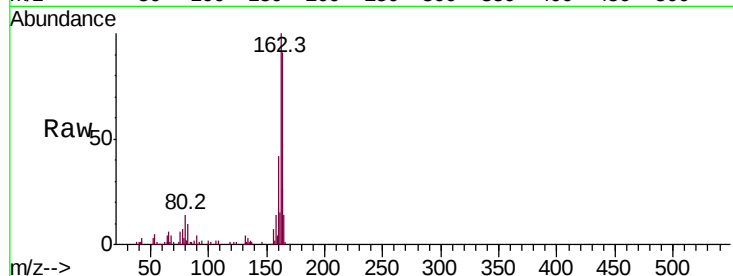




#56
 2,4-Dinitrotoluene
 Concen: 5.470 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036152.D
 Acq: 7 Aug 2018 7:53

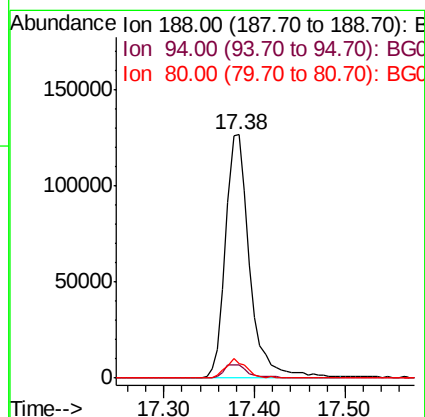
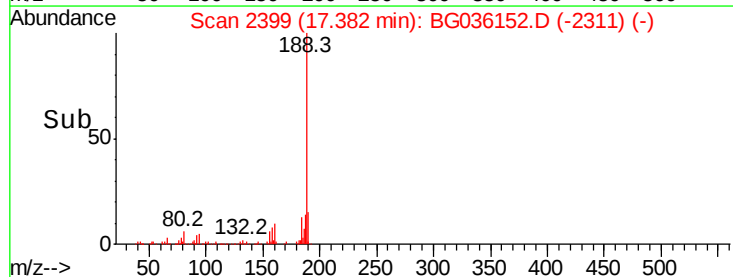
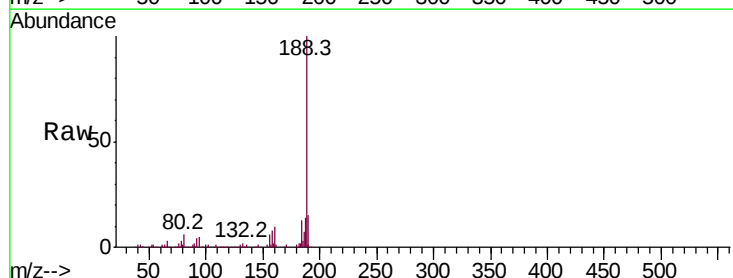
Instrument :
 BNA_G
 ClientSampleId :

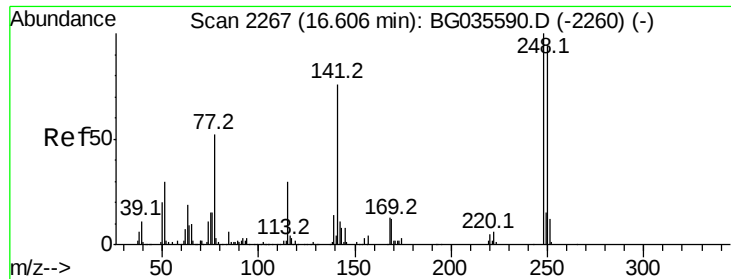
Tot Ion:165 Resp: 11224
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036152.D
 Acq: 7 Aug 2018 7:53

Tgt Ion:188 Resp: 234513
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 6.0 7.7 11.5#

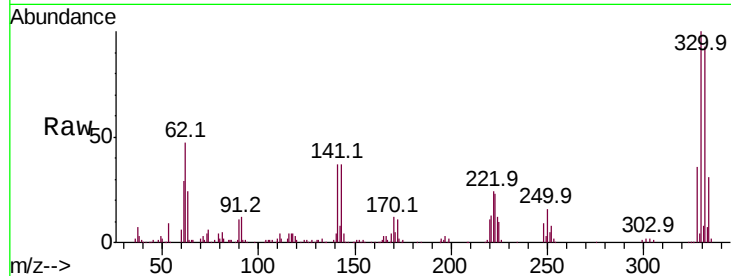




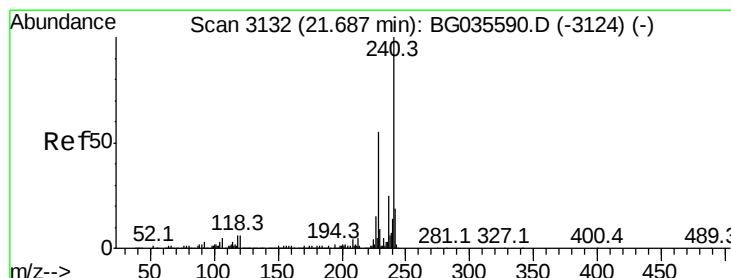
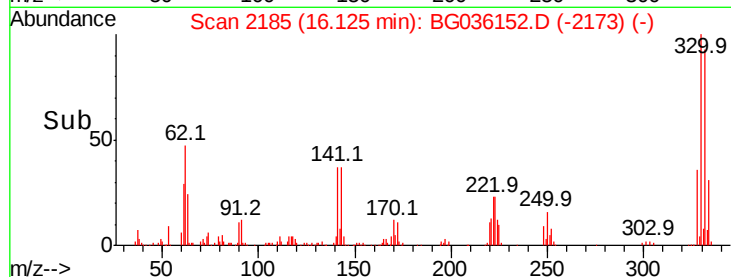
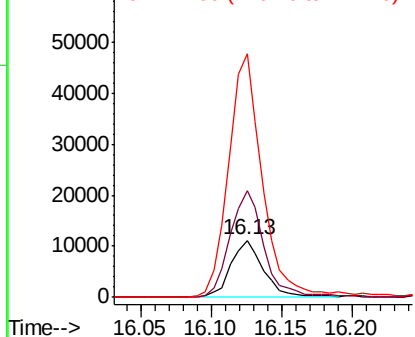
#66
 4-Bromophenyl-phenylether
 Concen: 6.626 ng
 RT: 16.13 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036152.D
 Acq: 7 Aug 2018 7:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 18028
 Ion Ratio Lower Upper
 248 100
 250 185.1 77.1 115.7#
 141 424.6 50.8 76.2#

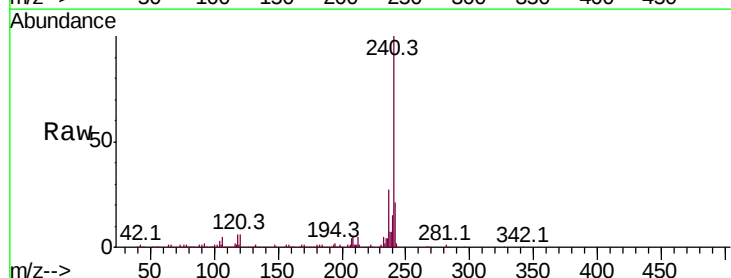


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

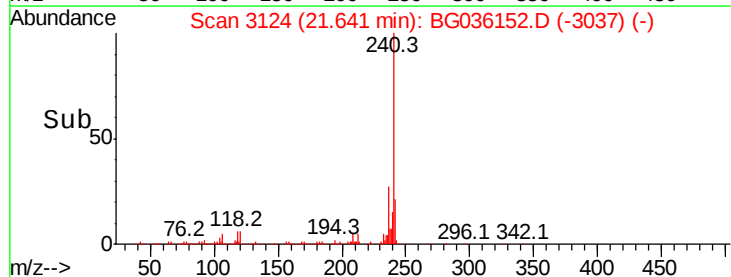
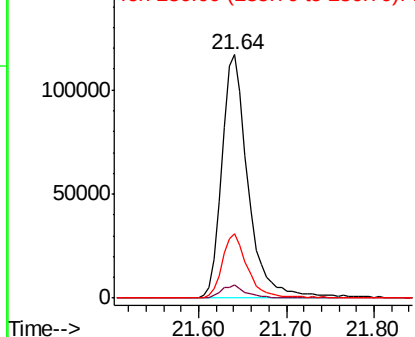


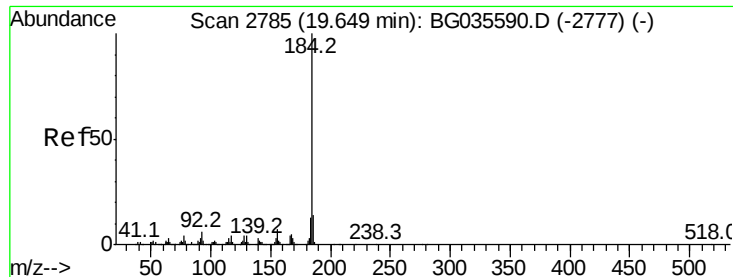
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036152.D
 Acq: 7 Aug 2018 7:53

Tgt Ion:240 Resp: 239711
 Ion Ratio Lower Upper
 240 100
 120 5.6 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: 3.757 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036152.D

Acq: 7 Aug 2018 7:53

Instrument :

BNA_G

ClientSampleId :

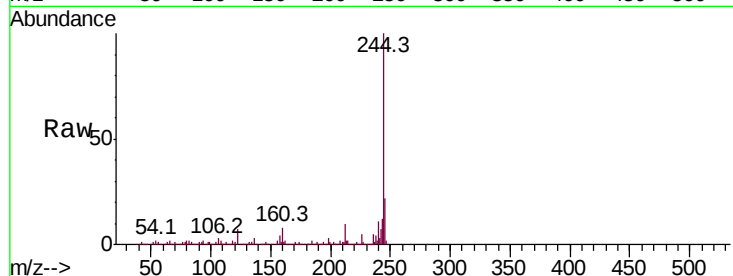
Tot Ion:184 Resp: 23675

Ion Ratio Lower Upper

184 100

185 19.1 11.1 16.7#

183 10.3 10.6 16.0#

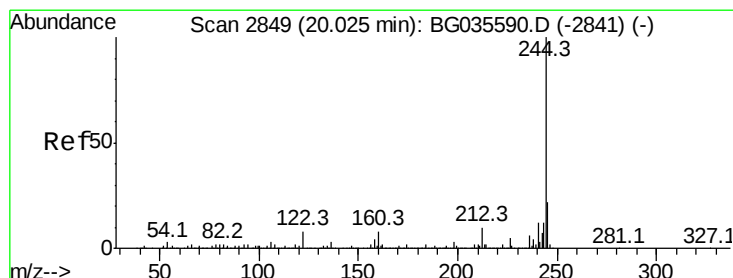
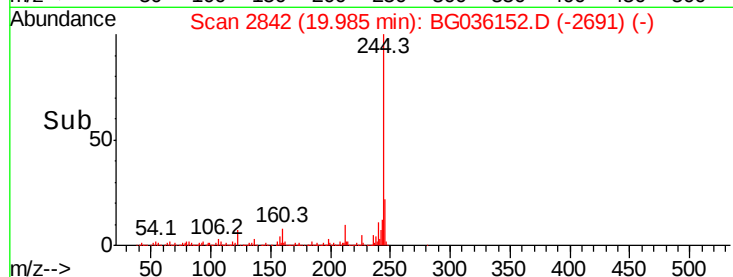
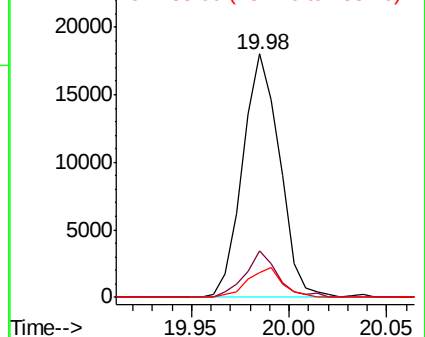


Abundance

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: 122.188 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036152.D

Acq: 7 Aug 2018 7:53

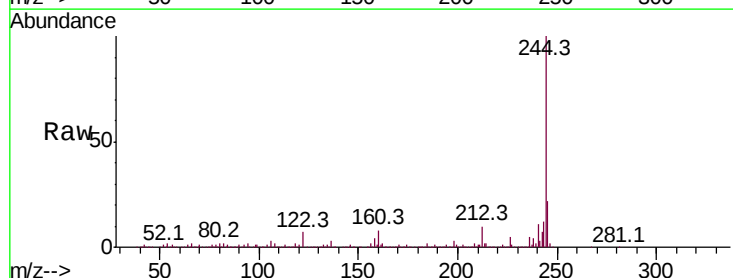
Tgt Ion:244 Resp: 1328758

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

122 6.7 7.0 10.4#

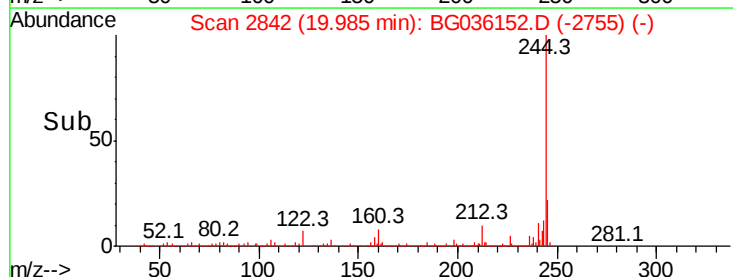
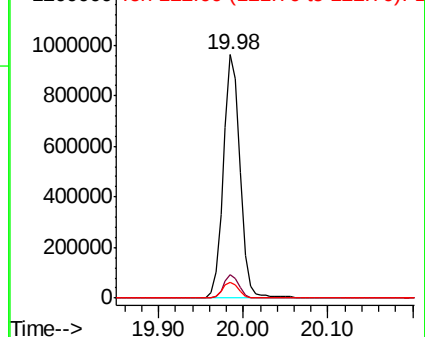


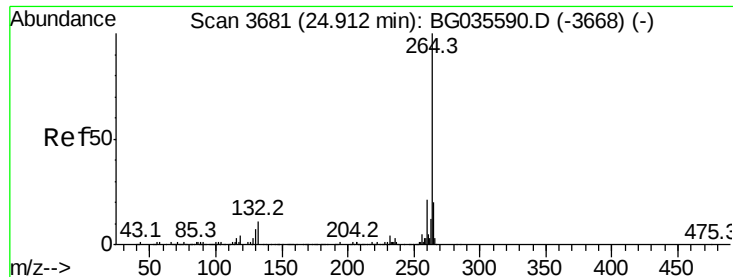
Abundance

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

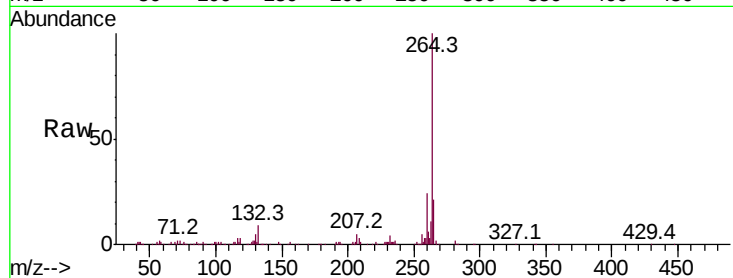




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3666
 Delta R.T. -0.03 min
 Lab File: BG036152.D
 Acq: 7 Aug 2018 7:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

