

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
 Data File : BG035635.D
 Acq On : 13 Jul 2018 18:46
 Operator : JU/SJ
 Sample : J3943-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Quant Time: Jul 14 00:12:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

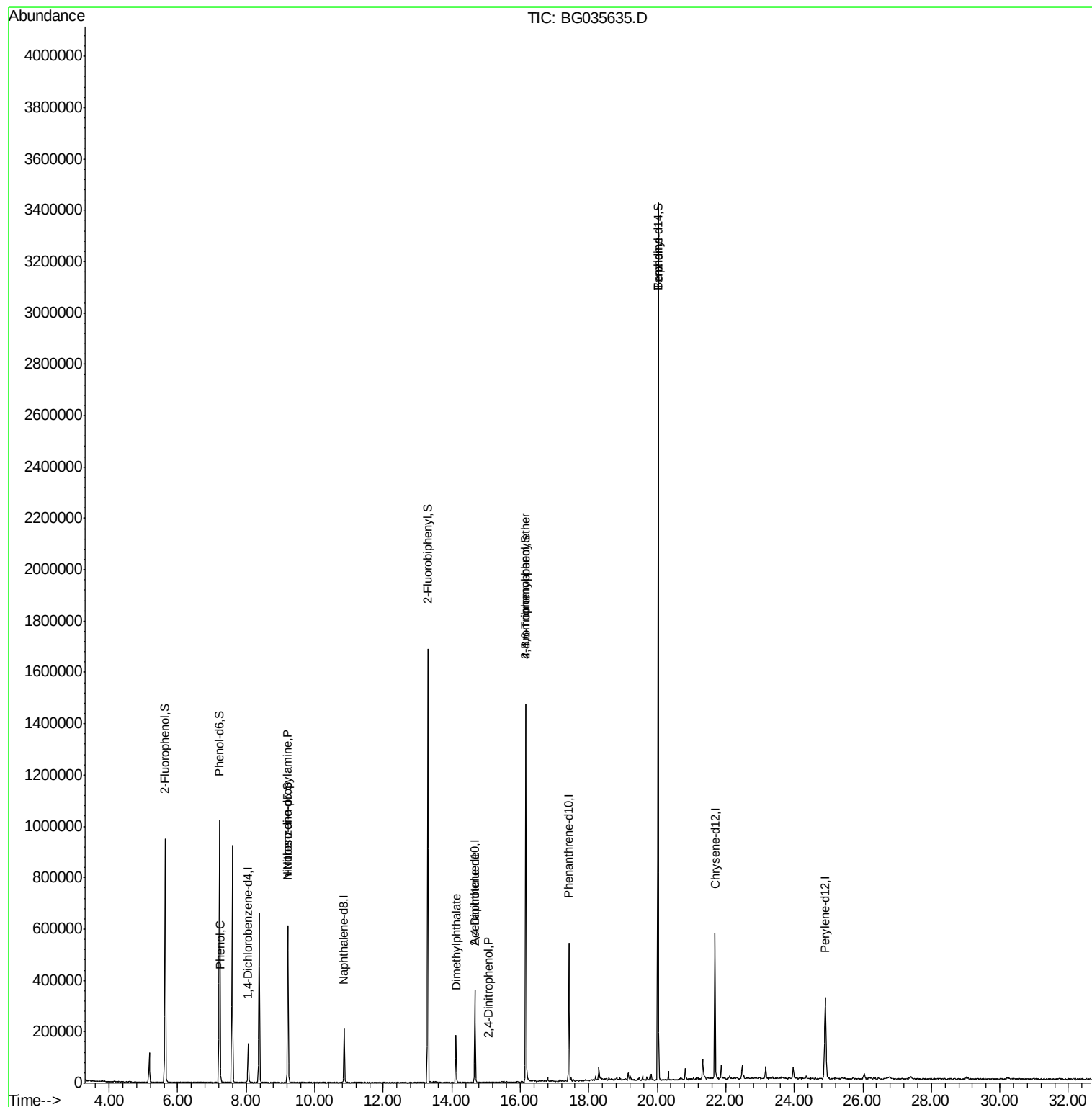
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	43067	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	169677	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	123556	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	340926	20.00	ng	0.00
75) Chrysene-d12	21.68	240	356539	20.00	ng	0.00
86) Perylene-d12	24.90	264	339616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	388509	149.77	ng	0.00
7) Phenol-d6	7.22	99	597287	154.33	ng	0.00
23) Nitrobenzene-d5	9.22	82	392461	96.62	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	257475	158.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	903784	98.00	ng	0.00
78) Terphenyl-d14	20.03	244	1589663	98.28	ng	0.00
Target Compounds						
10) Phenol	7.24	94	14026	3.587	ng	86
19) n-Nitroso-di-n-propylamine	9.22	70	55389	16.995	ng	# 69
49) Dimethylphthalate	14.12	163	118190	10.918	ng	100
53) 2,4-Dinitrophenol	15.07	184	88	6.653	ng	# 1
56) 2,4-Dinitrotoluene	14.68	165	17198	5.438	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	21854	5.525	ng	# 1
76) Benzidine	20.03	184	28718	3.064	ng	# 91

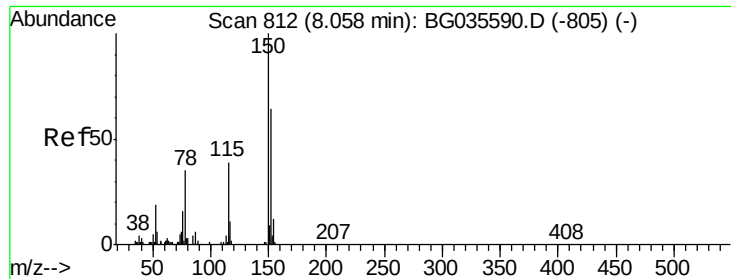
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071318\
Data File : BG035635.D
Acq On : 13 Jul 2018 18:46
Operator : JU/SJ
Sample : J3943-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1

Quant Time: Jul 14 00:12:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



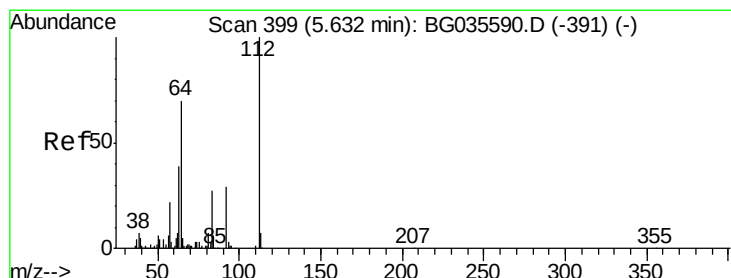
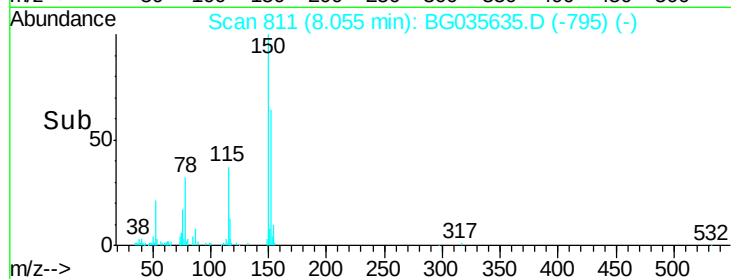
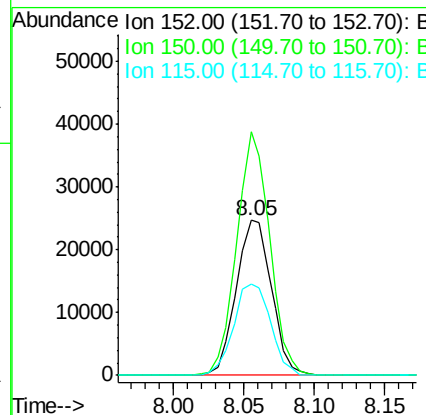
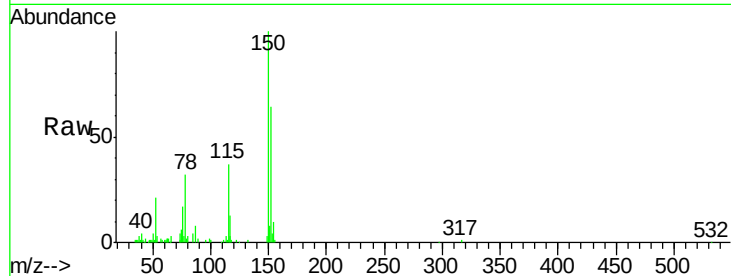


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Instrument :
BNA_G
ClientSampleId :
C-1

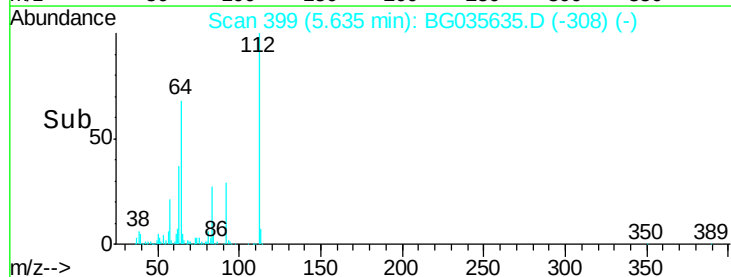
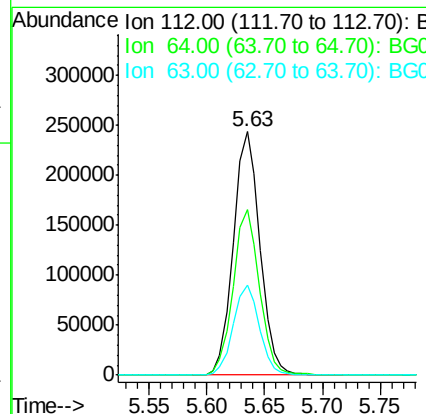
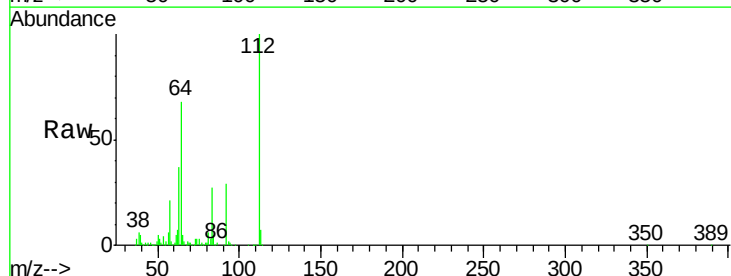
Tgt Ion:152 Resp: 43067
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 58.8 53.0 79.4

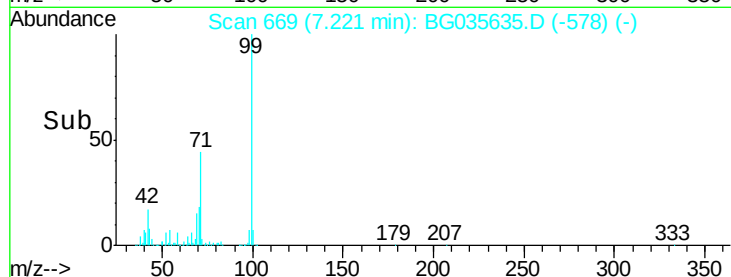
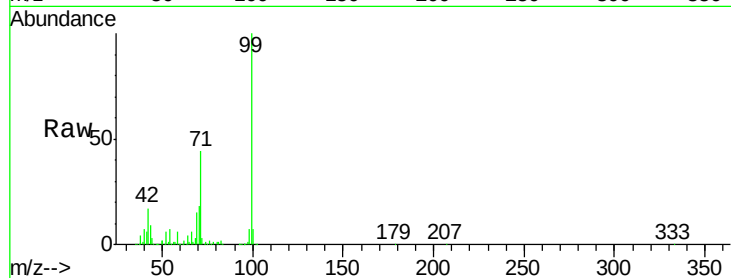
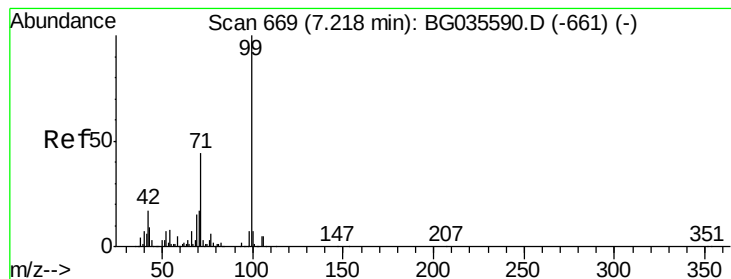


#5

2-Fluorophenol
Concen: 149.770 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Tgt Ion:112 Resp: 388509
Ion Ratio Lower Upper
112 100
64 68.0 56.3 84.5
63 37.0 30.1 45.1





#7

Phenol-d6

Concen: 154.327 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

Instrument :

BNA_G

ClientSampleId :

C-1

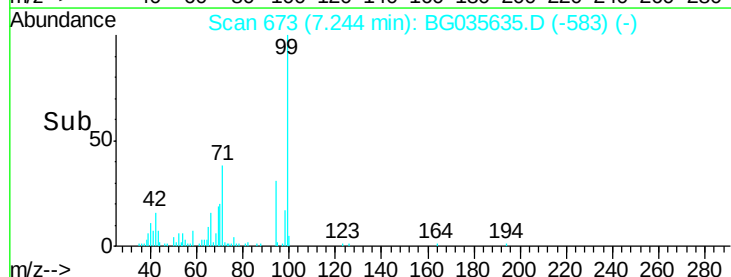
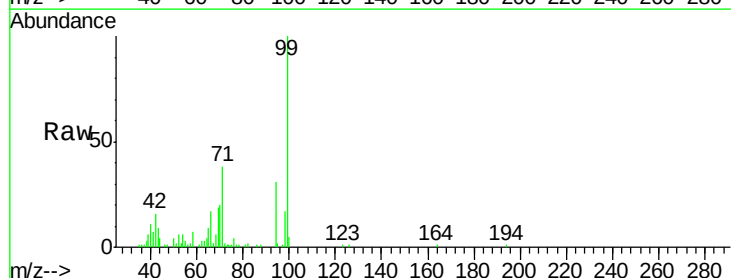
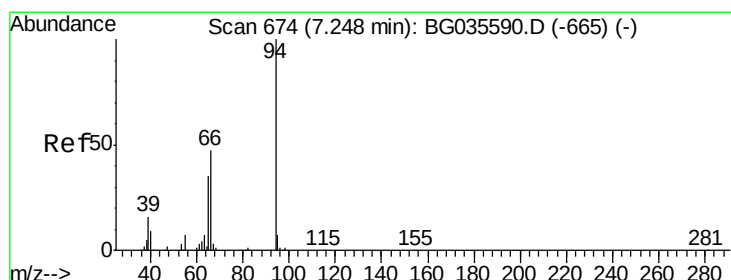
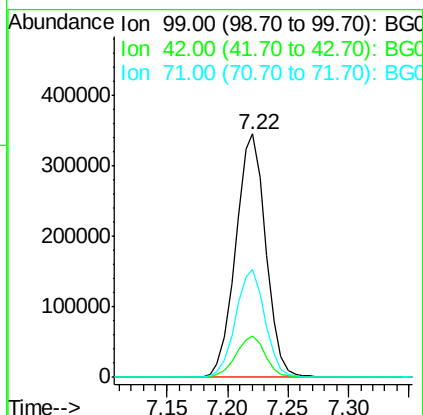
Tgt Ion: 99 Resp: 597287

Ion Ratio Lower Upper

99 100

42 16.9 14.1 21.1

71 44.2 26.1 39.1#



#10

Phenol

Concen: 3.587 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

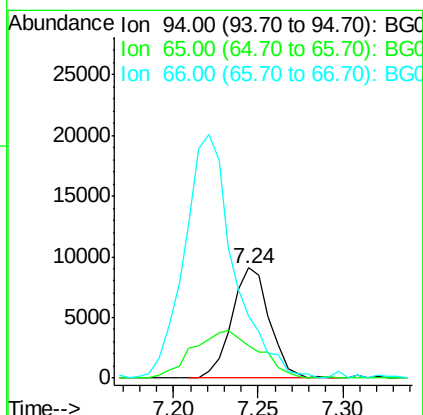
Tgt Ion: 94 Resp: 14026

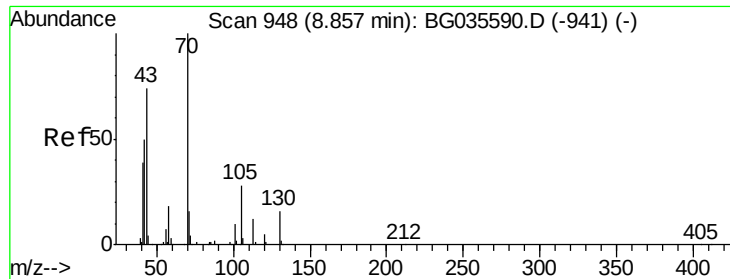
Ion Ratio Lower Upper

94 100

65 28.9 11.9 51.9

66 55.6 22.2 62.2

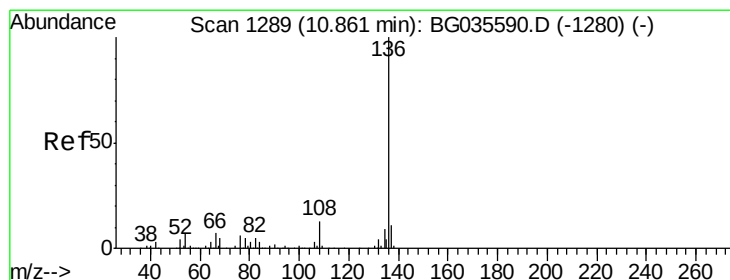
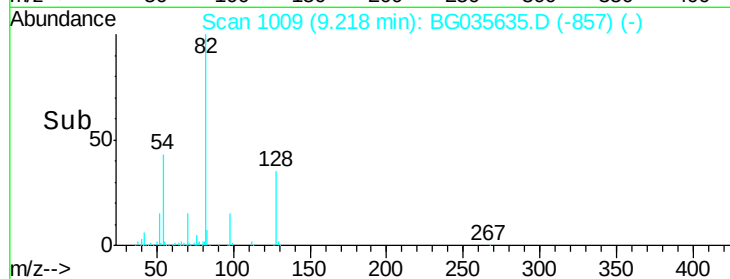
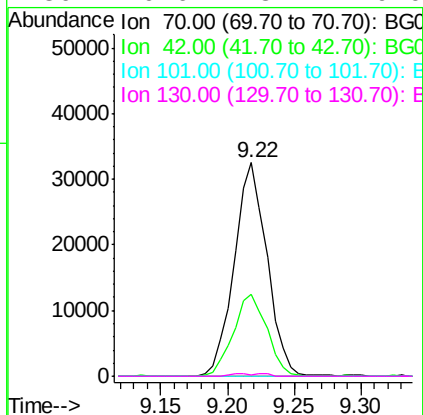
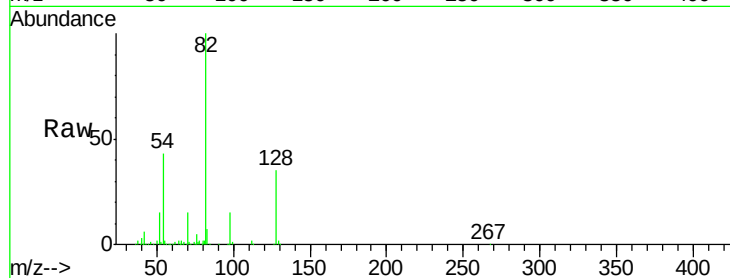




#19
n-Nitroso-di-n-propylamine
Concen: 16.995 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

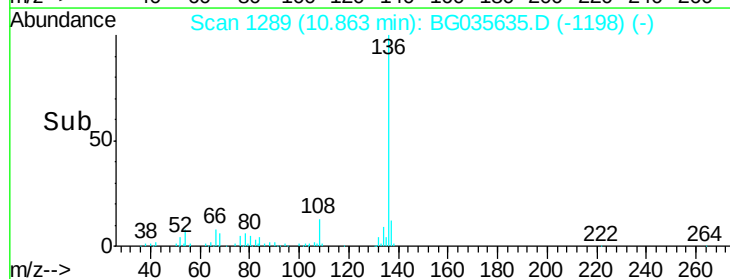
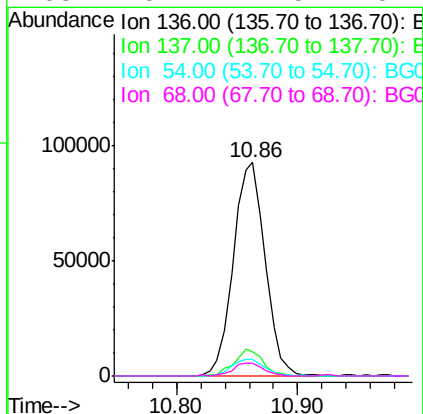
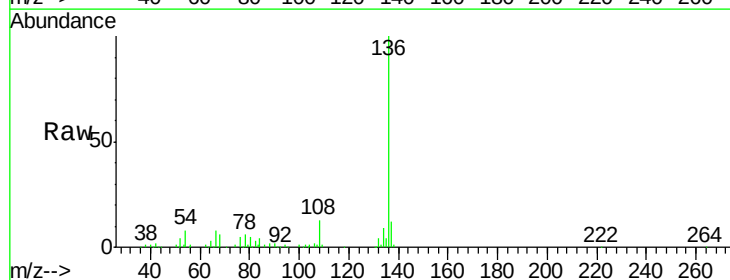
Instrument :
BNA_G
ClientSampleId :
C-1

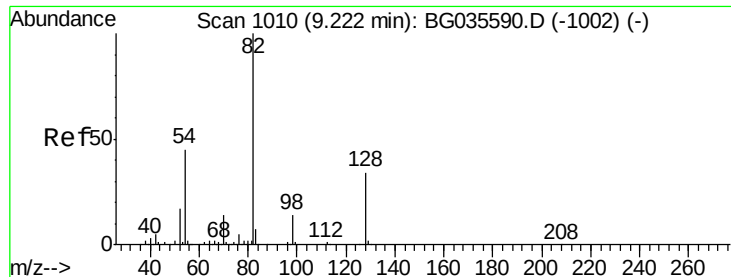
Tgt Ion: 70 Resp: 55389
Ion Ratio Lower Upper
70 100
42 38.3 49.1 73.7#
101 0.0 8.5 12.7#
130 0.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Tgt Ion: 136 Resp: 169677
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 7.8 10.3 15.5#
68 6.1 4.5 6.7

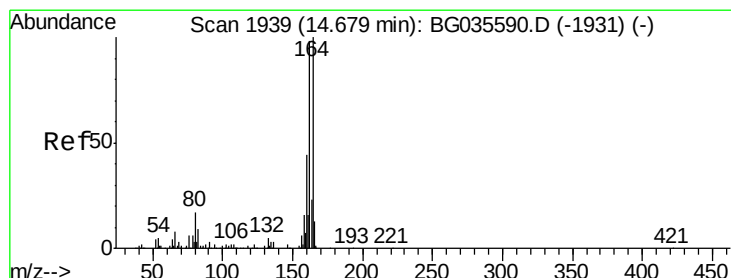
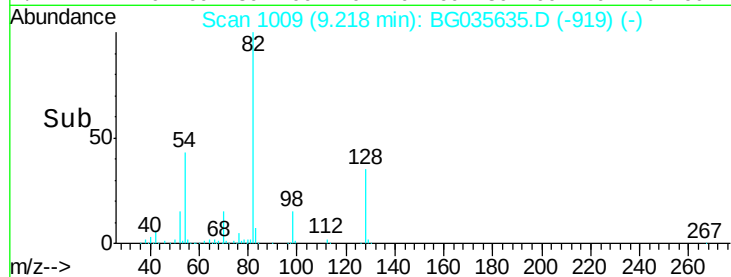
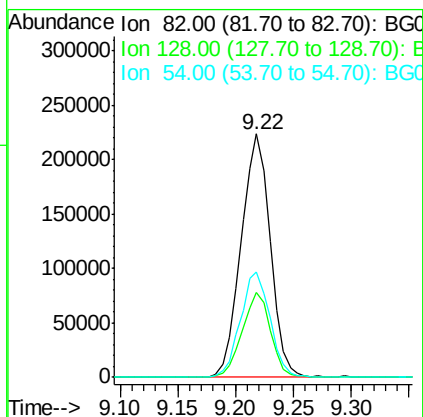
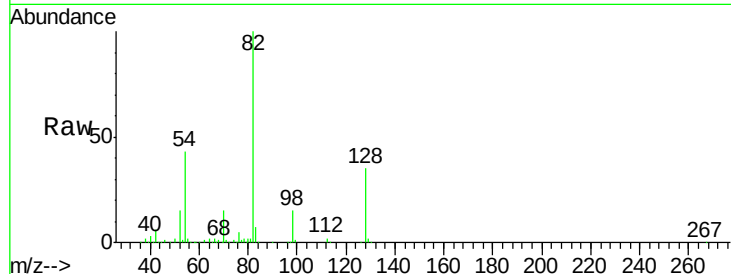




#23
 Nitrobenzene-d5
 Concen: 96.624 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

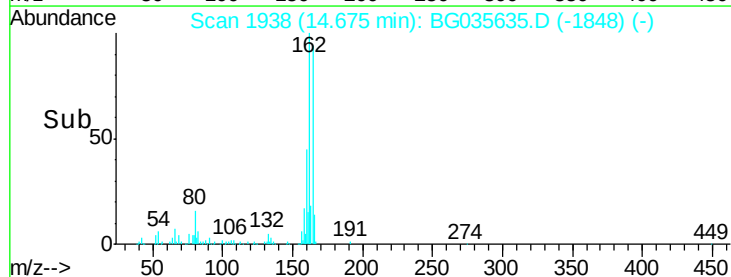
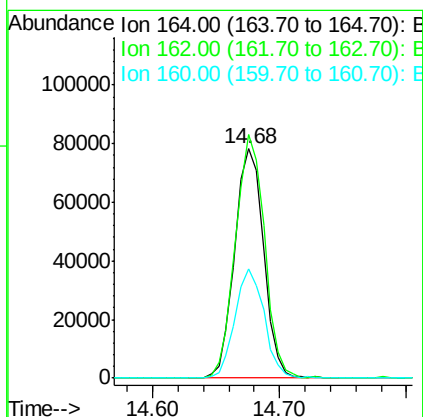
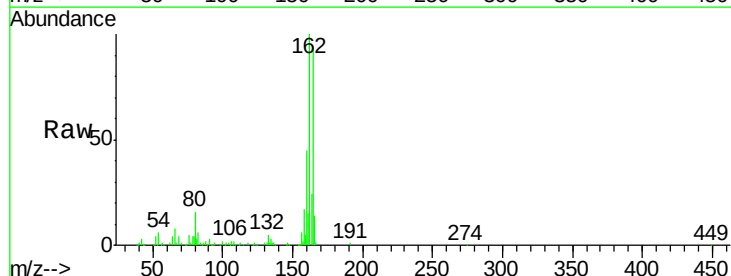
Instrument :
 BNA_G
 ClientSampleId :
 C-1

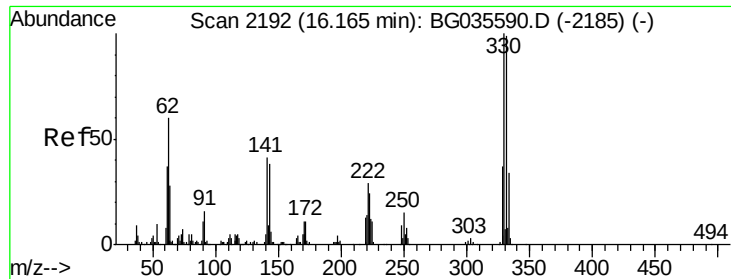
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	43.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	47.4	35.4	53.0

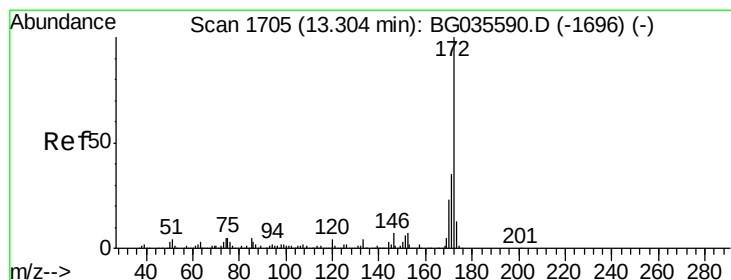
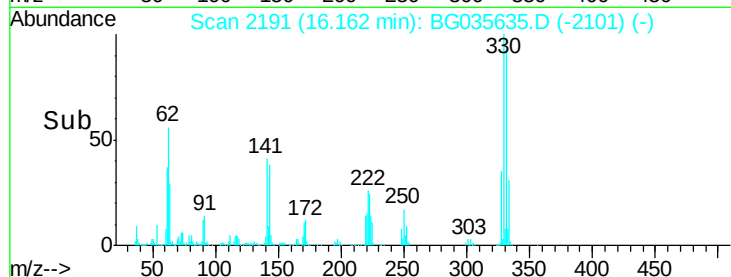
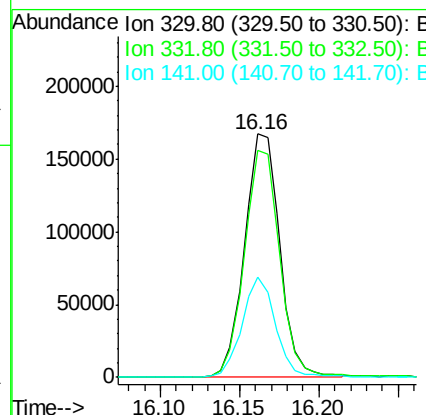
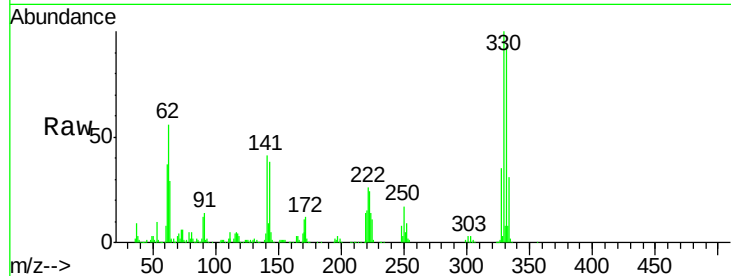




#41
 2,4,6-Tribromophenol
 Concen: 158.101 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

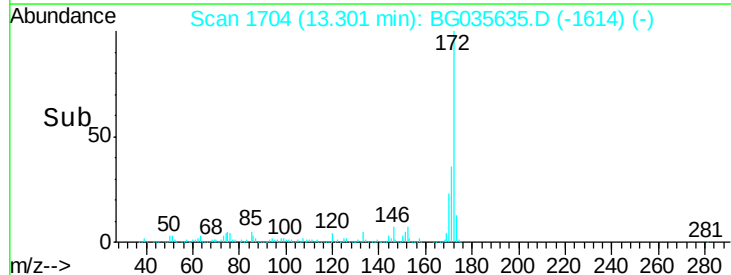
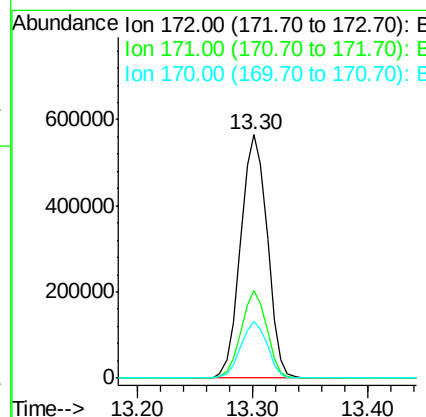
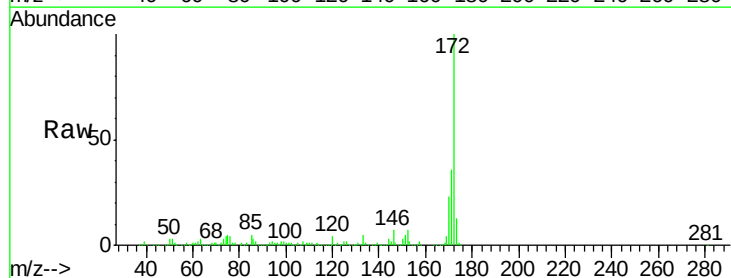
Instrument :
 BNA_G
 ClientSampled :
 C-1

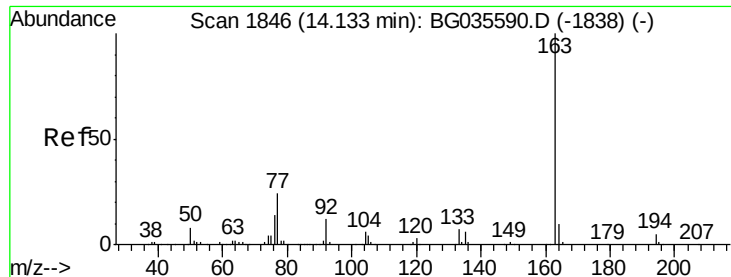
Tgt Ion:330 Resp: 257475
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 39.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 97.999 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

Tgt Ion:172 Resp: 903784
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.0 45.0
 170 23.5 19.5 29.3

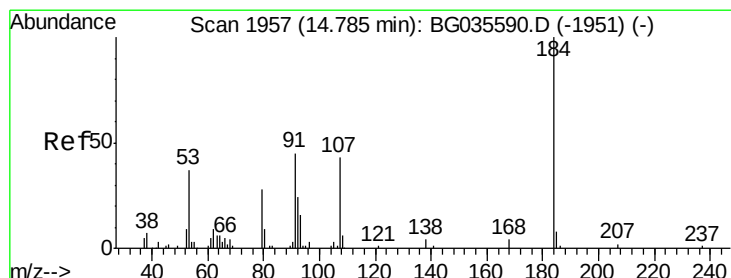
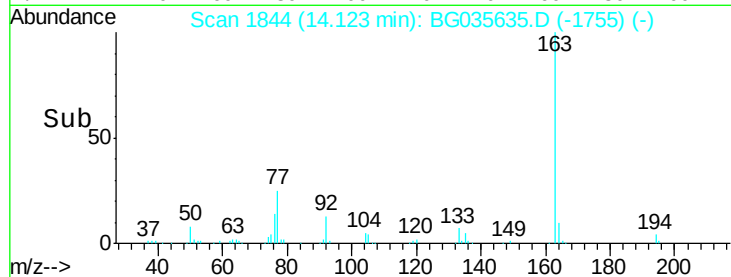
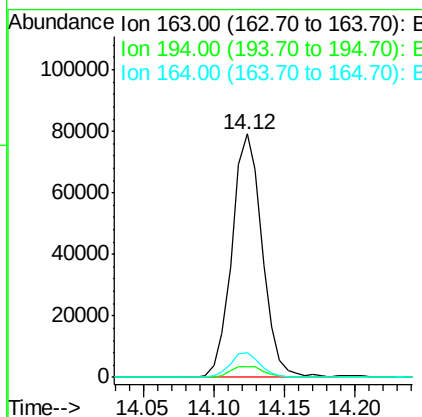
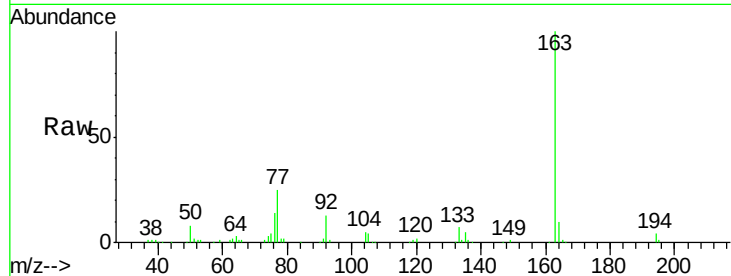




#49
 Dimethylphthalate
 Concen: 10.918 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

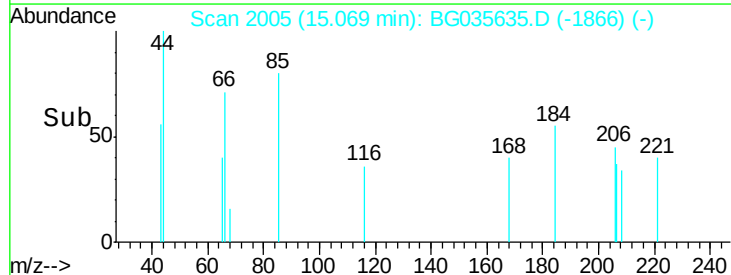
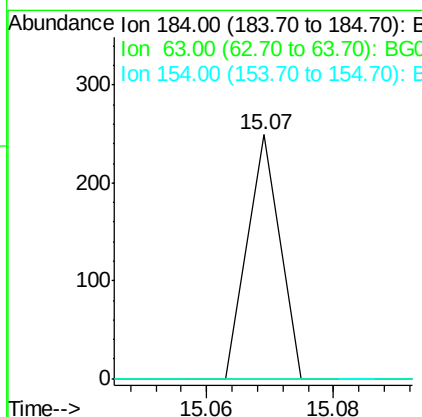
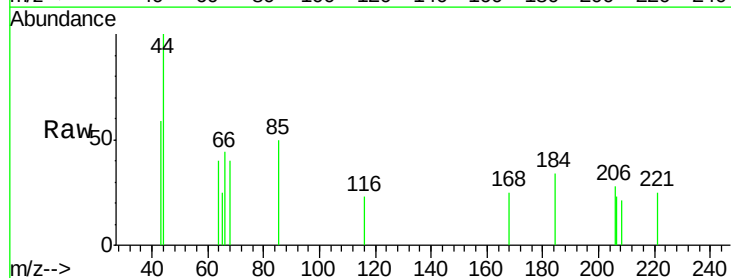
Instrument :
 BNA_G
 ClientSampleId :
 C-1

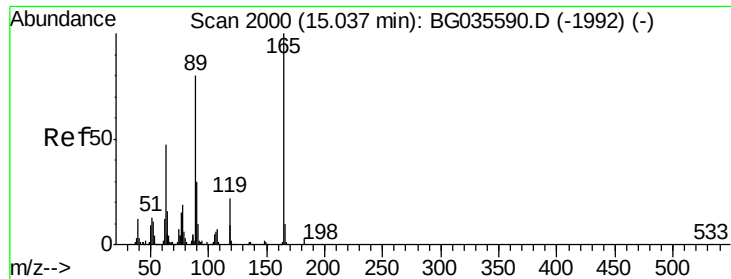
Tgt Ion:163 Resp: 118190
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 10.3 8.2 12.4



#53
 2,4-Dinitrophenol
 Concen: 6.653 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. 0.28 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

Tgt Ion:184 Resp: 88
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

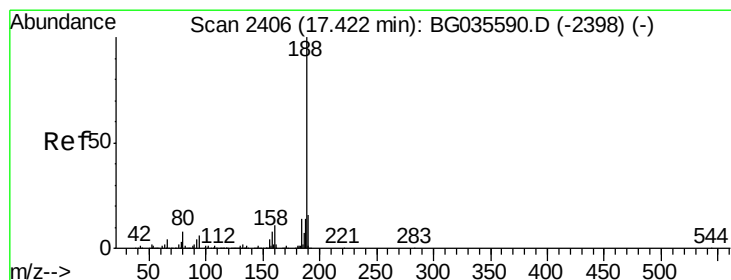
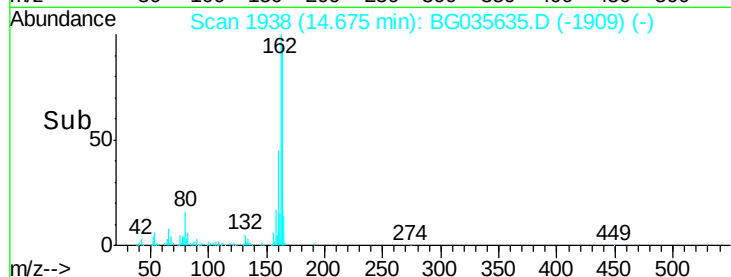
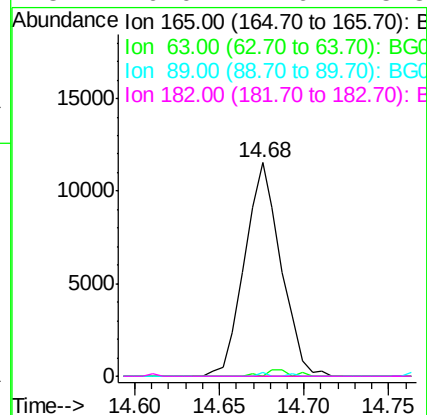
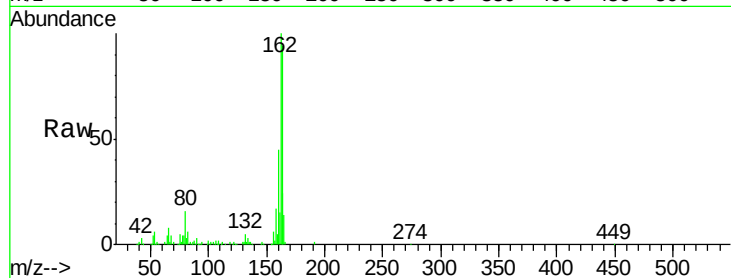




#56
 2,4-Dinitrotoluene
 Concen: 5.438 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

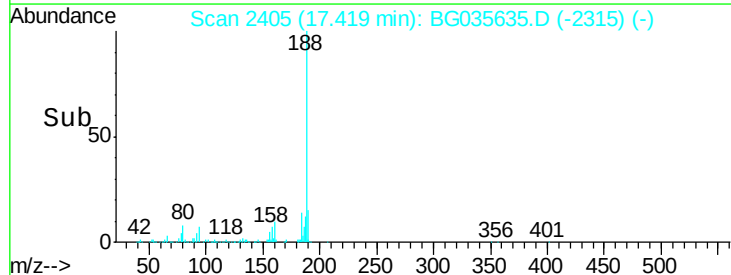
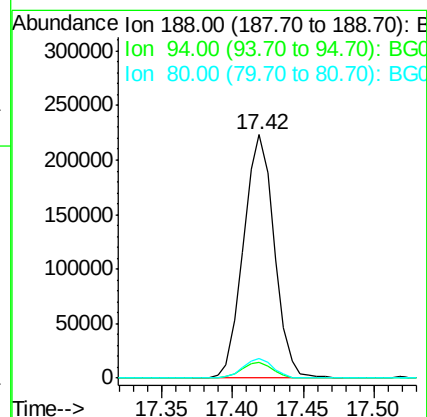
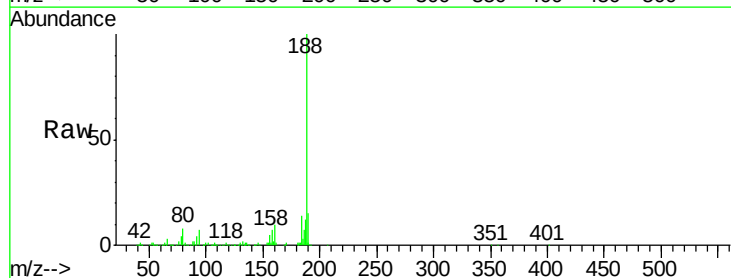
Instrument :
 BNA_G
 ClientSampleId :
 C-1

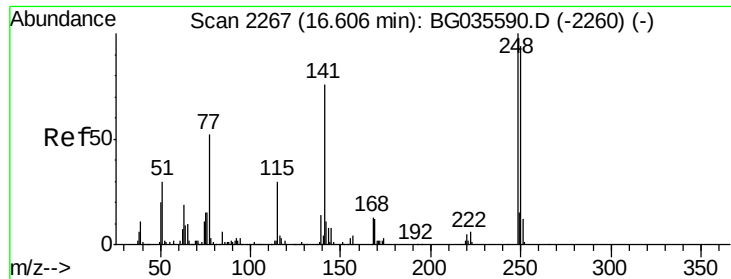
Tgt Ion:165 Resp: 17198
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

Tgt Ion:188 Resp: 340926
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 8.1 7.7 11.5

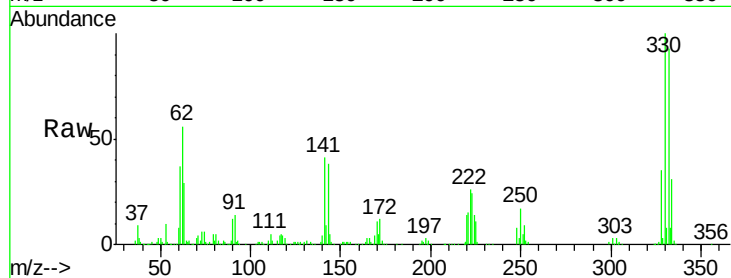




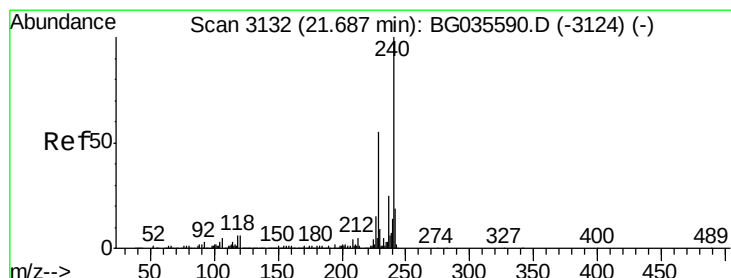
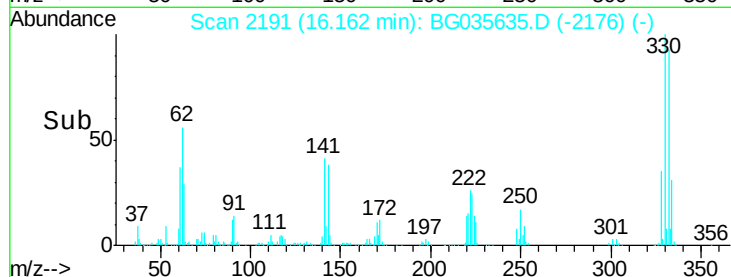
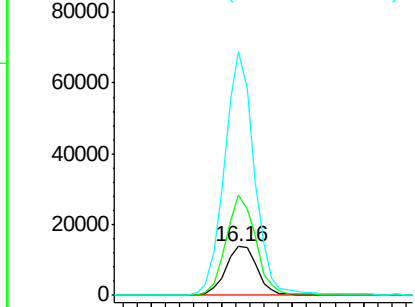
#66
 4-Bromophenyl-phenylether
 Concen: 5.525 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.44 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1

Tgt Ion:248 Resp: 21854
 Ion Ratio Lower Upper
 248 100
 250 204.9 77.1 115.7#
 141 499.5 50.8 76.2#

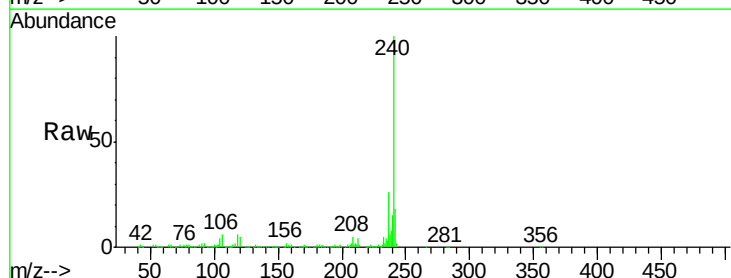


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

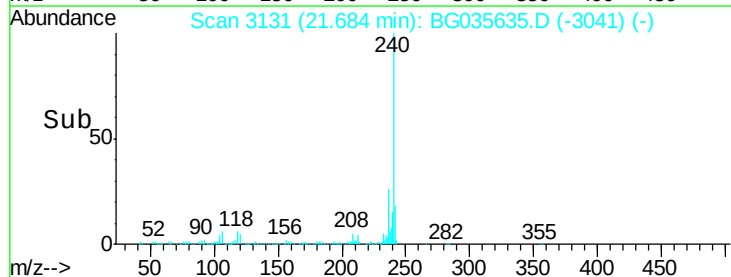
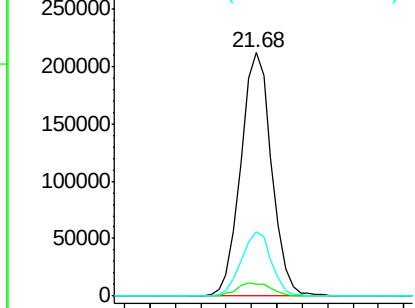


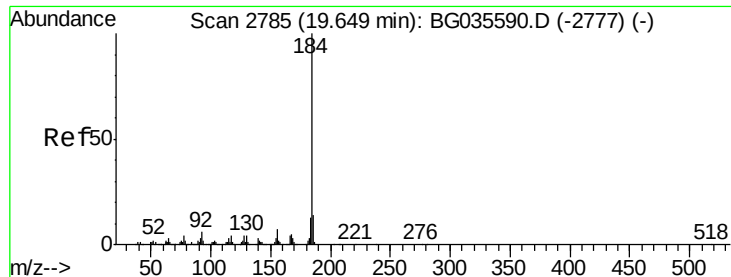
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG035635.D
 Acq: 13 Jul 2018 18:46

Tgt Ion:240 Resp: 356539
 Ion Ratio Lower Upper
 240 100
 120 5.1 6.8 10.2#
 236 26.3 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: 3.064 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

Instrument :

BNA_G

ClientSampleId :

C-1

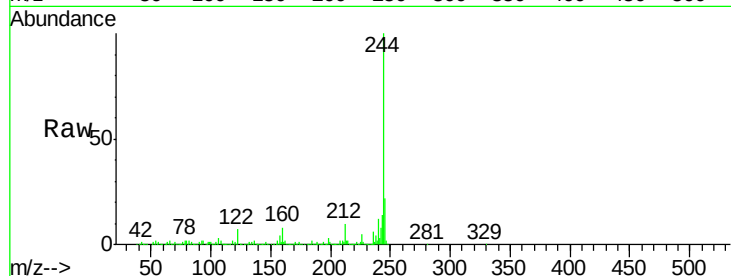
Tgt Ion:184 Resp: 28718

Ion Ratio Lower Upper

184 100

185 18.5 11.1 16.7#

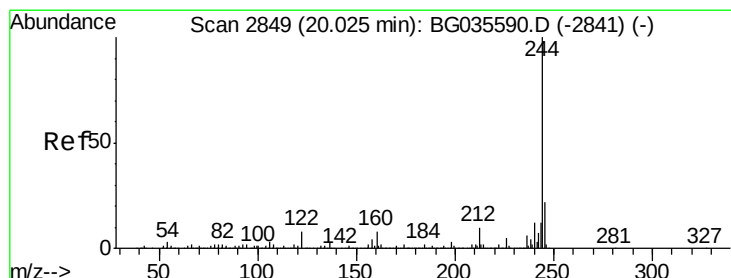
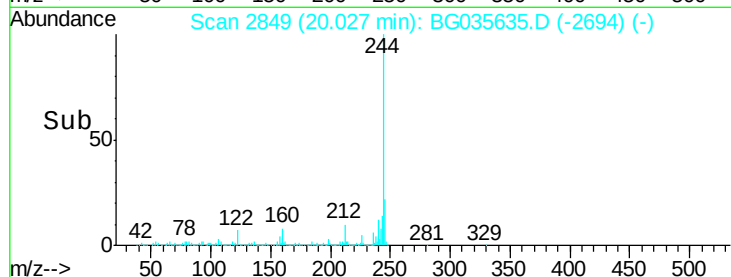
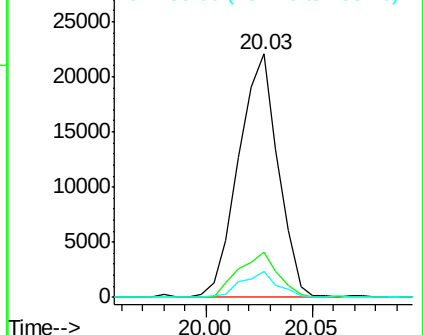
183 10.6 10.6 16.0#



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: 98.281 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035635.D

Acq: 13 Jul 2018 18:46

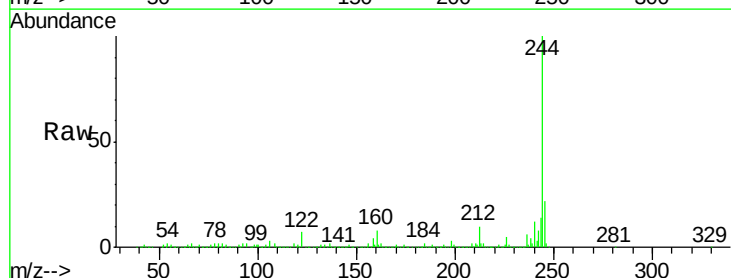
Tgt Ion:244 Resp: 1589663

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

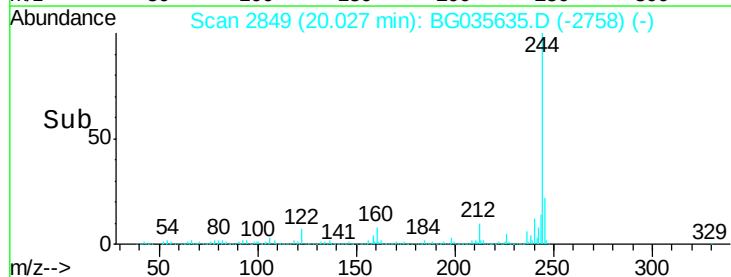
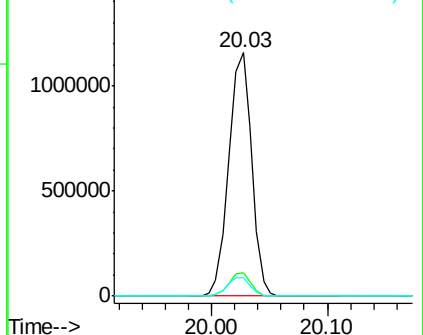
122 7.3 7.0 10.4

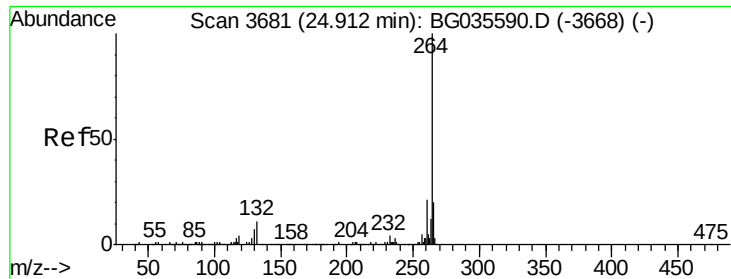


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG035635.D
Acq: 13 Jul 2018 18:46

Instrument :
BNA_G
ClientSampleId :
C-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	17.4	26.0
265	23.0	17.7	26.5

