

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036178.D
 Acq On : 8 Aug 2018 1:36
 Operator : JU/SJ
 Sample : J4303-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 03:23:14 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

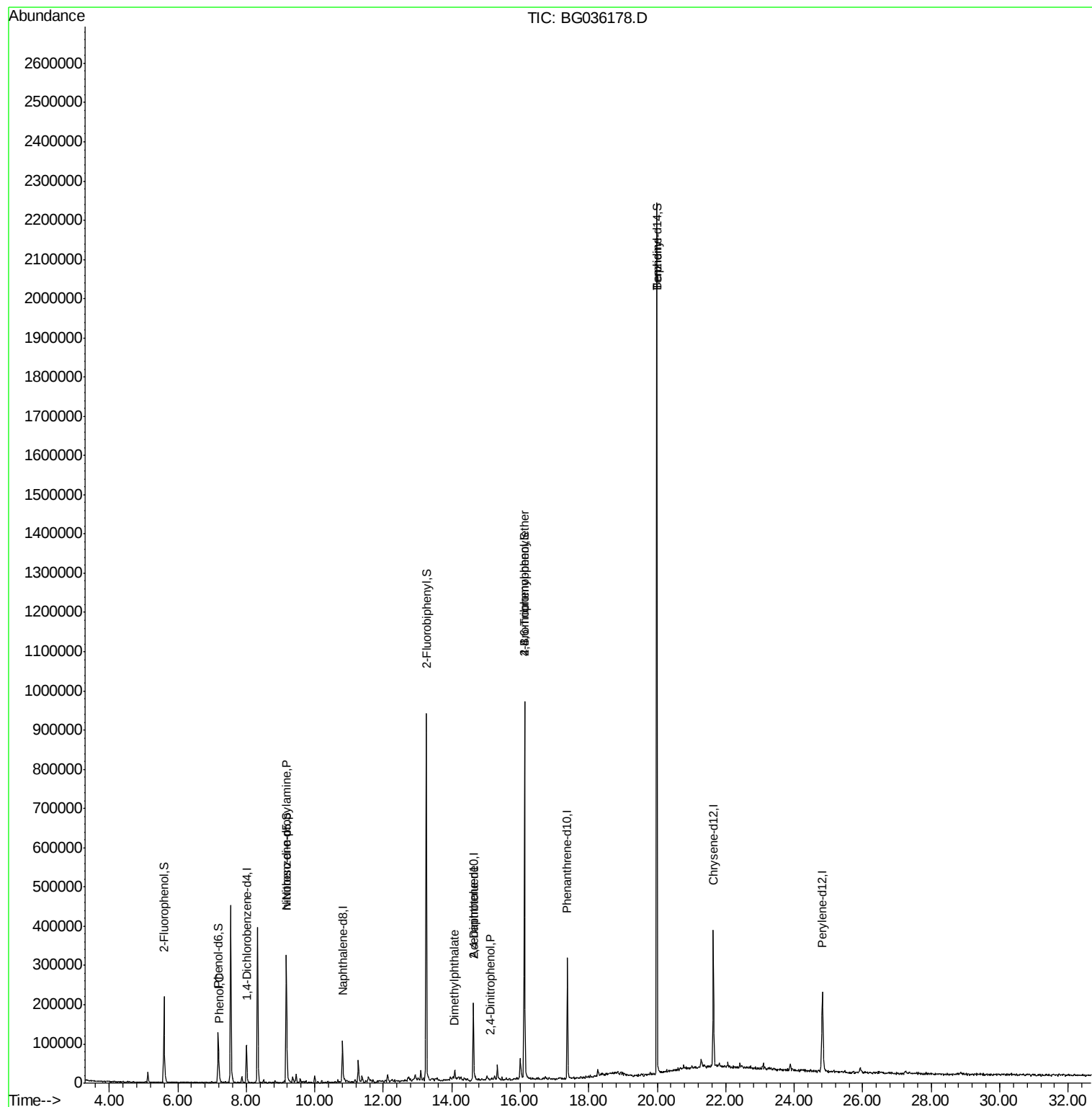
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	28489	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	96193	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68622	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	197703	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	225598	20.00	ng	-0.02
86) Perylene-d12	24.82	264	211596	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	107949	62.91	ng	0.00
7) Phenol-d6	7.18	99	89027	34.77	ng	-0.01
23) Nitrobenzene-d5	9.17	82	238247	103.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	178501	197.35	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	515128	100.57	ng	-0.02
78) Terphenyl-d14	19.99	244	1126933	110.11	ng	-0.01
Target Compounds						
10) Phenol	7.21	94	5776	2.233	ng	86
19) n-Nitroso-di-n-propylamine	9.17	70	32683	15.160	ng	# 64
49) Dimethylphthalate	14.09	163	17304	2.878	ng	# 93
53) 2,4-Dinitrophenol	15.13	184	56	6.664	ng	# 1
56) 2,4-Dinitrotoluene	14.63	165	9769	5.562	ng	# 19
66) 4-Bromophenyl-phenylether	16.12	248	14412	6.283	ng	# 1
76) Benzidine	19.99	184	20311	3.425	ng	100

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

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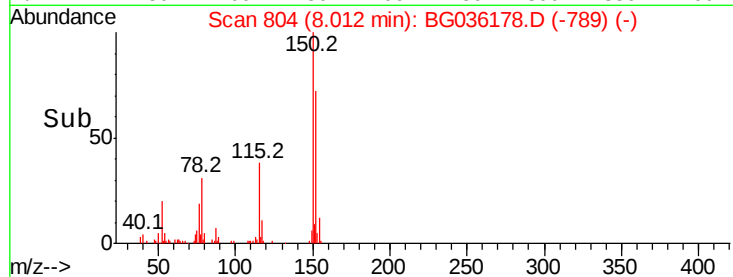
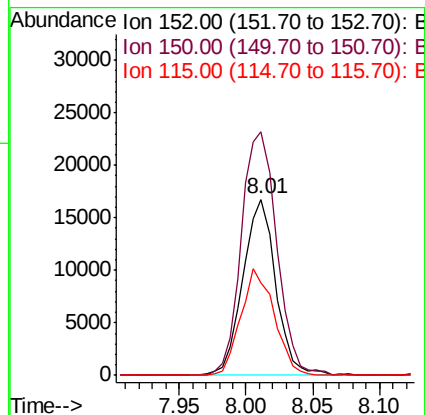
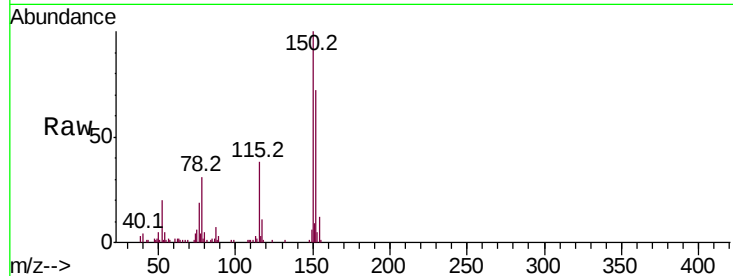


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036178.D
Acq: 8 Aug 2018 1:36

Instrument :
BNA_G
ClientSampleId :

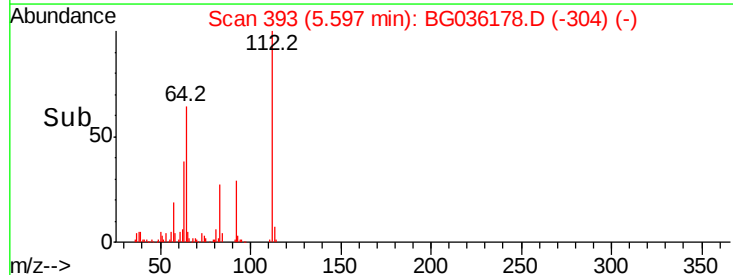
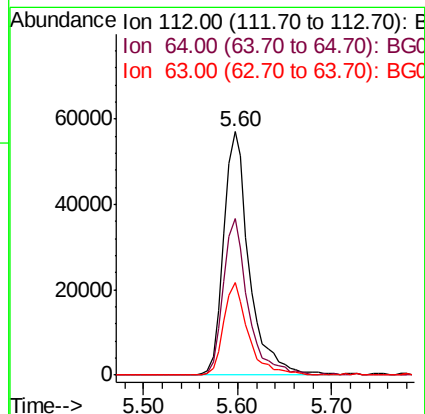
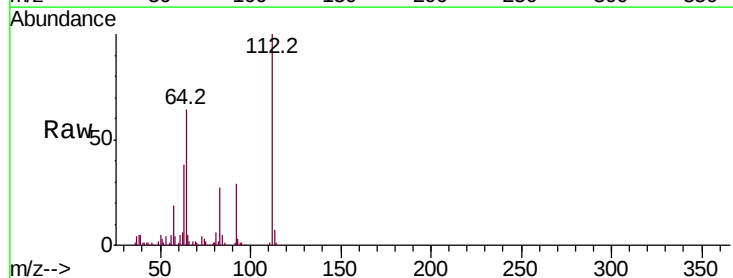
Tot Ion:152 Resp: 28489
Ion Ratio Lower Upper
152 100
150 138.1 126.6 189.8
115 52.4 53.0 79.4#

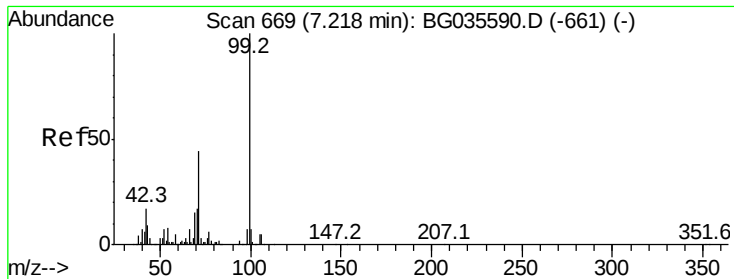


#5

2-Fluorophenol
Concen: 62.909 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036178.D
Acq: 8 Aug 2018 1:36

Tgt Ion:112 Resp: 107949
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 37.9 30.1 45.1





#7

Phenol-d6

Concen: 34.774 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036178.D

Acq: 8 Aug 2018 1:36

Instrument :

BNA_G

ClientSampleId :

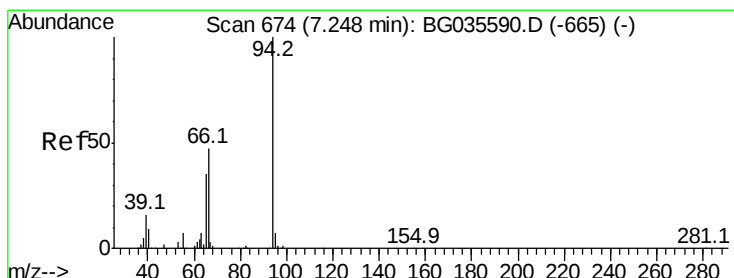
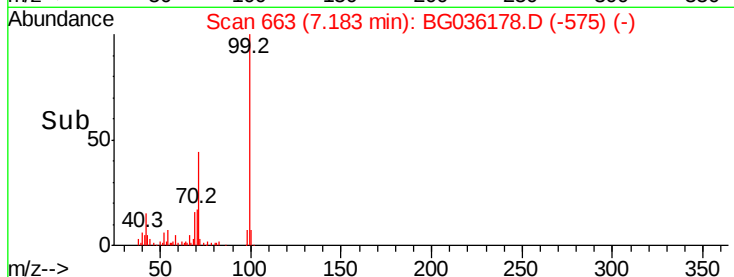
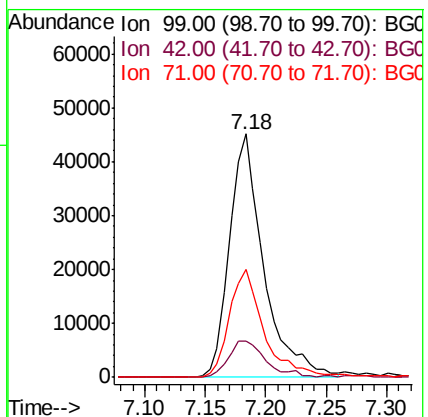
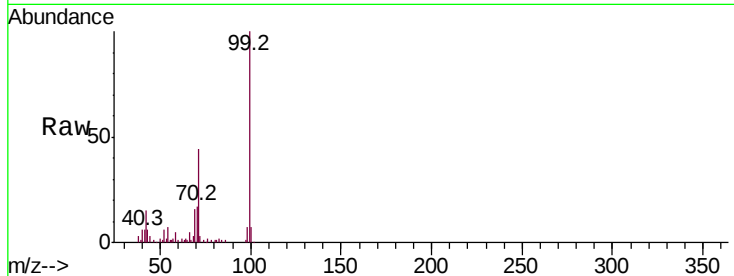
Tot Ion: 99 Resp: 89027

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 44.4 26.1 39.1#



#10

Phenol

Concen: 2.233 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036178.D

Acq: 8 Aug 2018 1:36

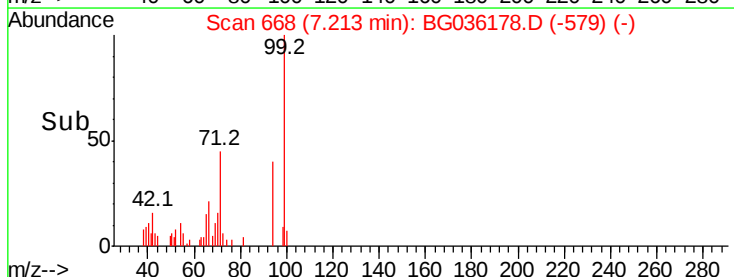
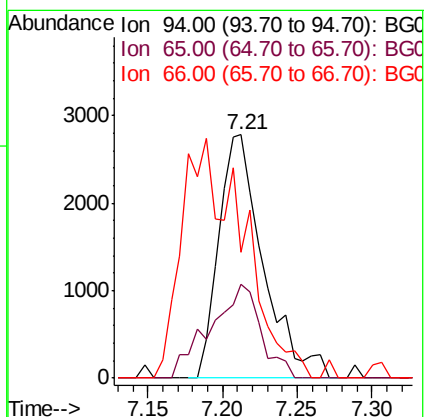
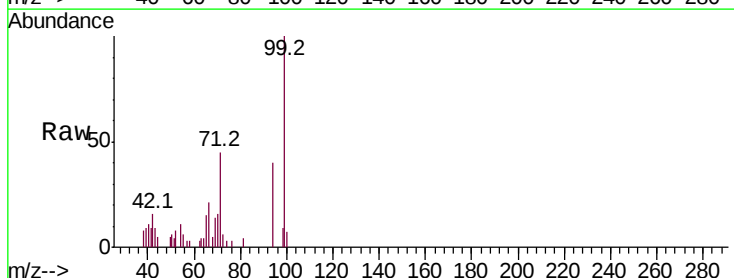
Tgt Ion: 94 Resp: 5776

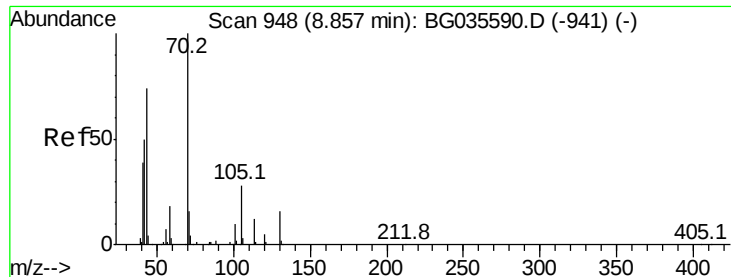
Ion Ratio Lower Upper

94 100

65 38.7 11.9 51.9

66 51.9 22.2 62.2

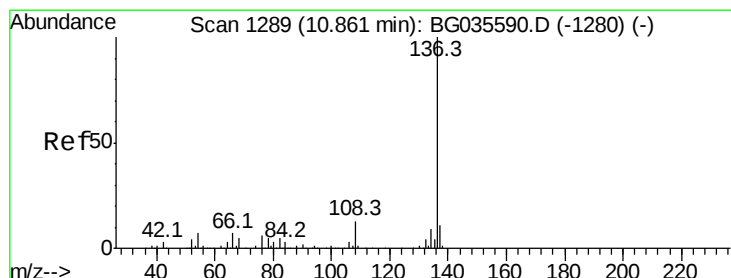
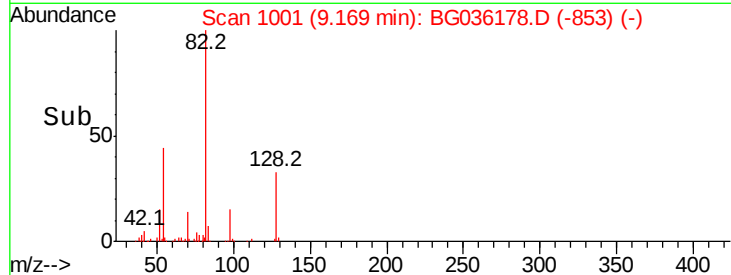
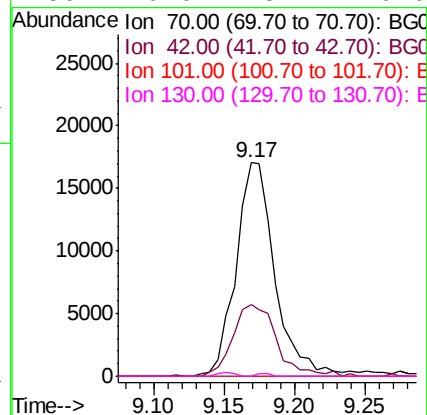
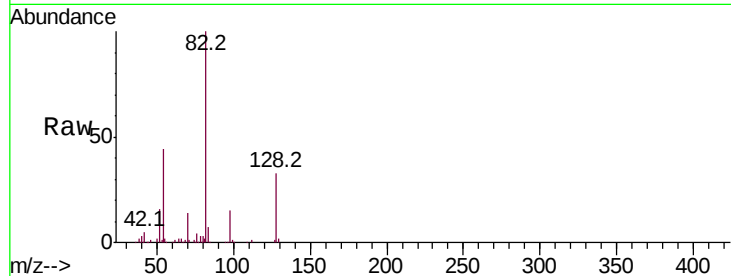




#19
n-Nitroso-di-n-propylamine
Concen: 15.160 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.34 min
Lab File: BG036178.D
Acq: 8 Aug 2018 1:36

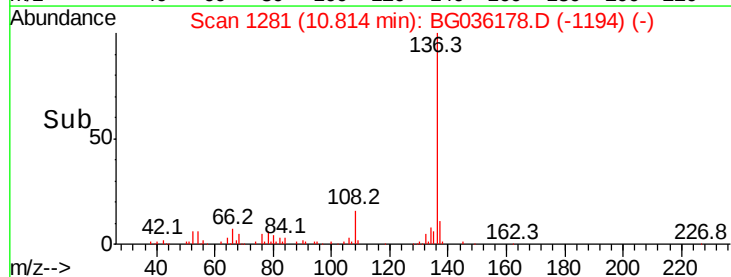
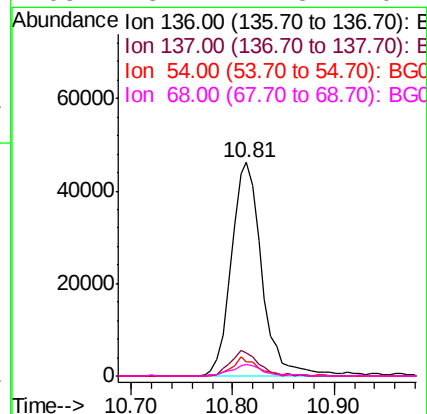
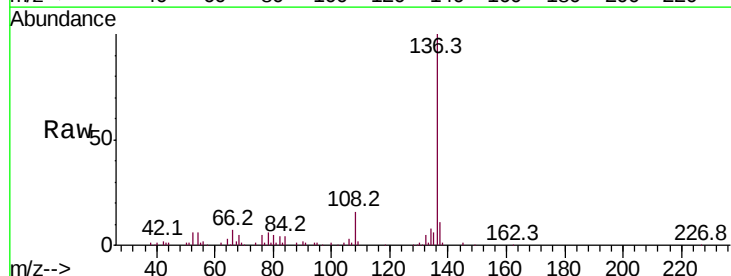
Instrument :
BNA_G
ClientSampled :

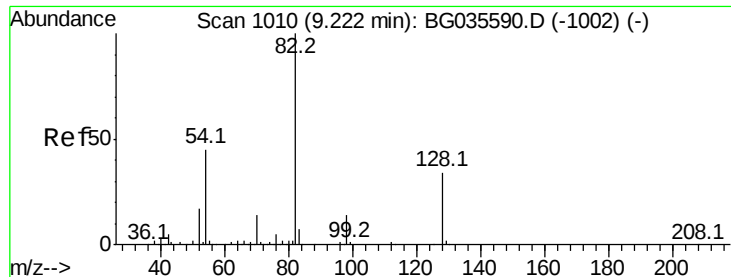
Tot Ion	Ratio	Lower	Upper
70	100		
42	33.8	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036178.D
Acq: 8 Aug 2018 1:36

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.4	10.3	15.5#
68	5.4	4.5	6.7

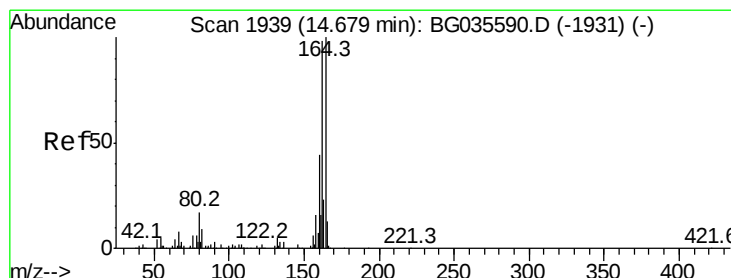
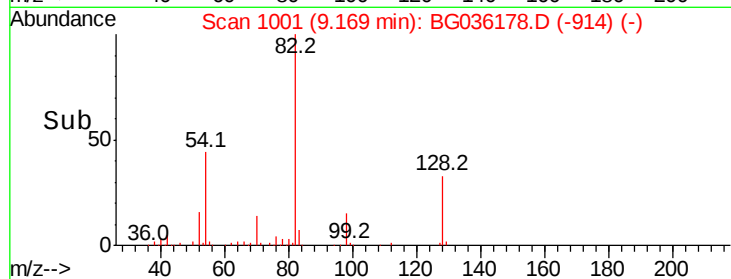
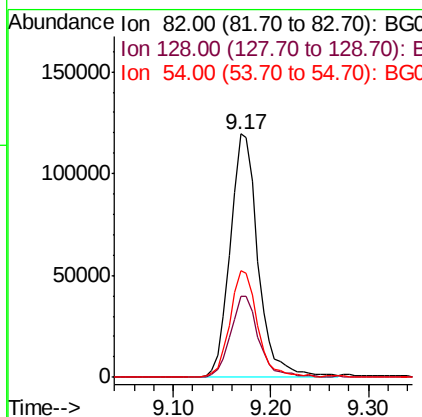
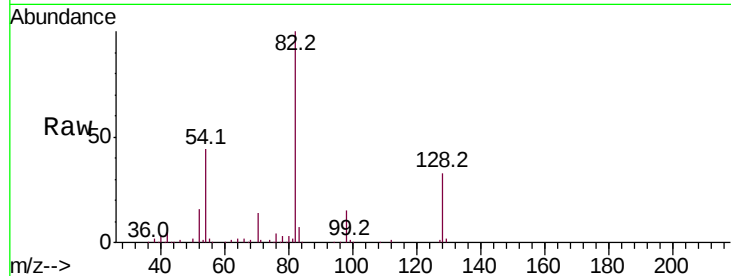




#23
 Nitrobenzene-d5
 Concen: 103.466 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036178.D
 Acq: 8 Aug 2018 1:36

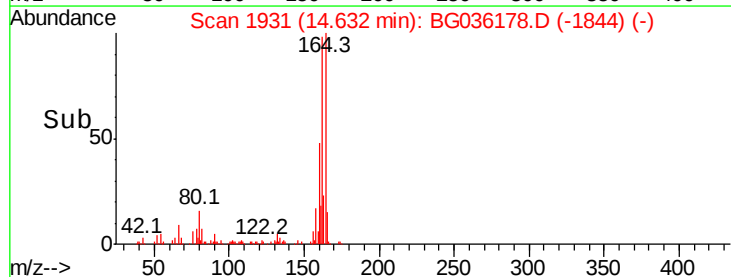
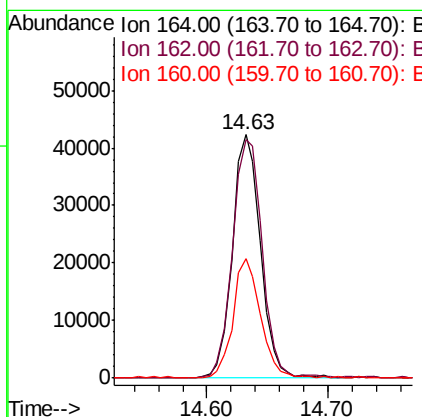
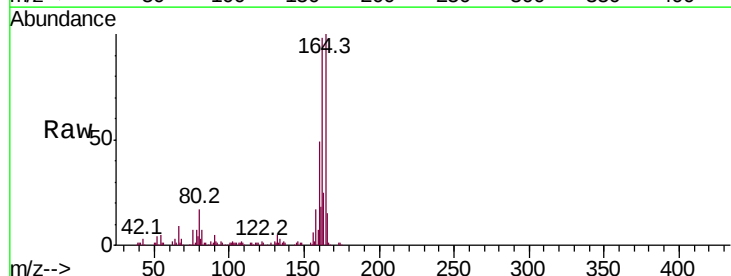
Instrument :
 BNA_G
 ClientSampleId :

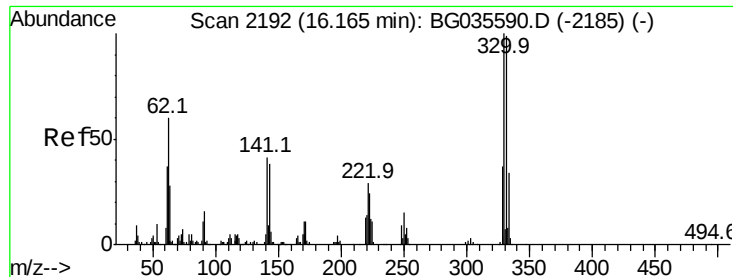
Tot Ion	82	Resp	238247
Ion Ratio	100	Lower	Upper
128	33.2	29.7	44.5
54	44.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036178.D
 Acq: 8 Aug 2018 1:36

Tgt Ion	164	Resp	68622
Ion Ratio	100	Lower	Upper
162	98.0	78.8	118.2
160	48.8	35.4	53.0

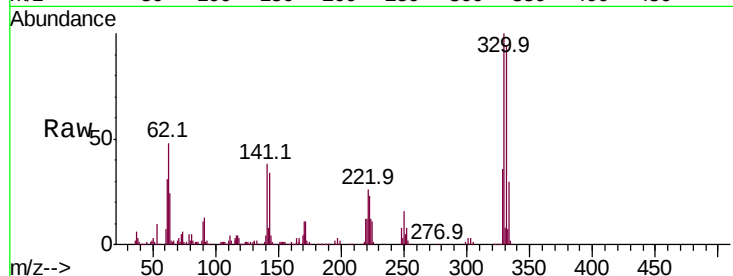




#41
 2,4,6-Tribromophenol
 Concen: 197.352 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036178.D
 Acq: 8 Aug 2018 1:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	39.8	25.2	37.8#

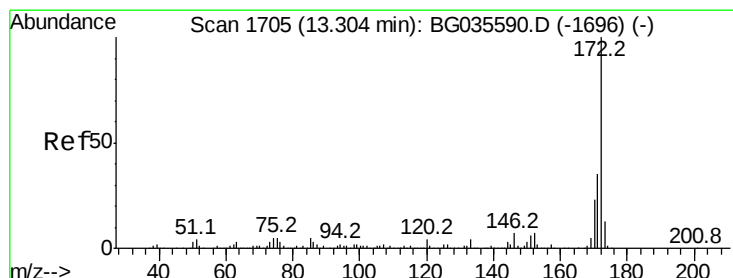
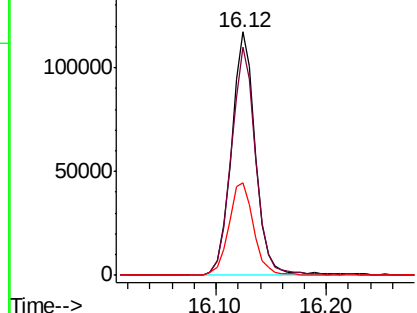
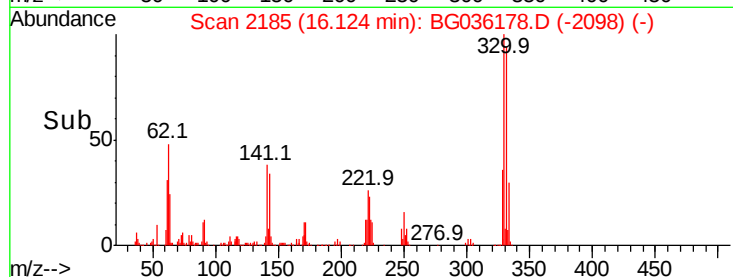


Abundance

Ion 329.80 (329.50 to 330.50): E

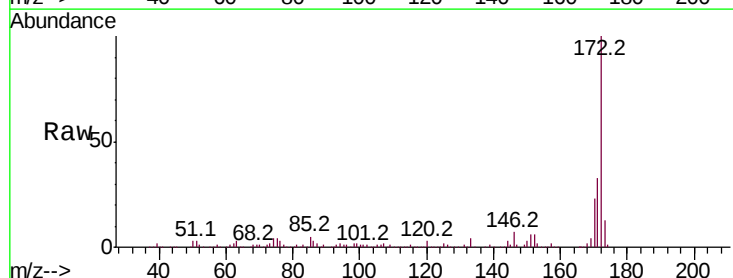
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.571 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036178.D
 Acq: 8 Aug 2018 1:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.7	30.0	45.0
170	23.3	19.5	29.3

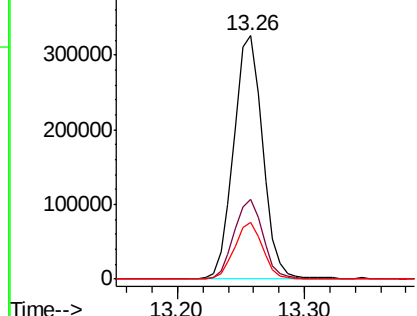
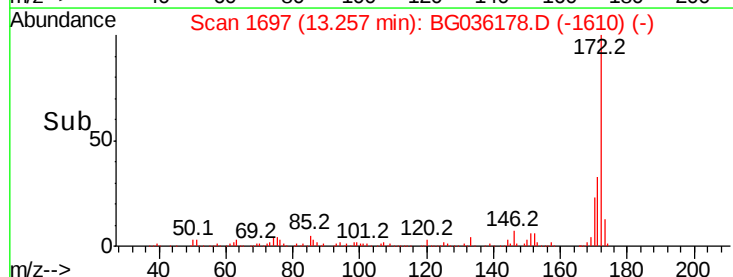


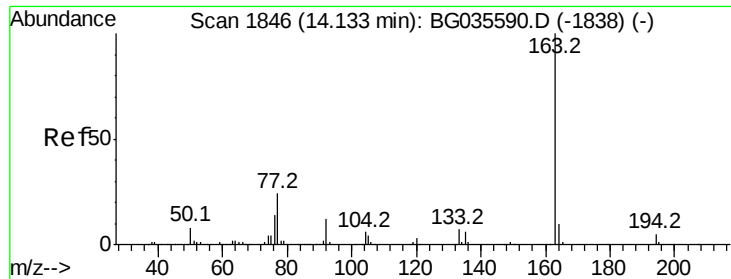
Abundance

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





#49

Dimethylphthalate

Concen: 2.878 ng

RT: 14.09 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BG036178.D

Acq: 8 Aug 2018 1:36

Instrument :

BNA_G

ClientSampled :

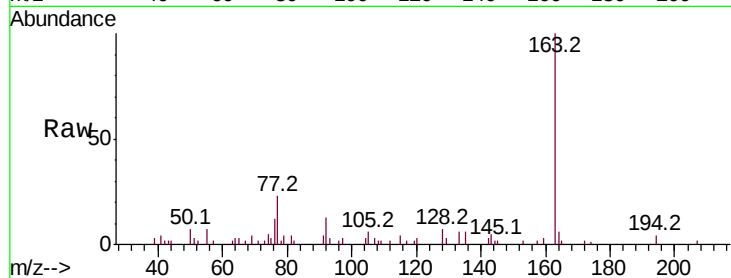
Tot Ion:163 Resp: 17304

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

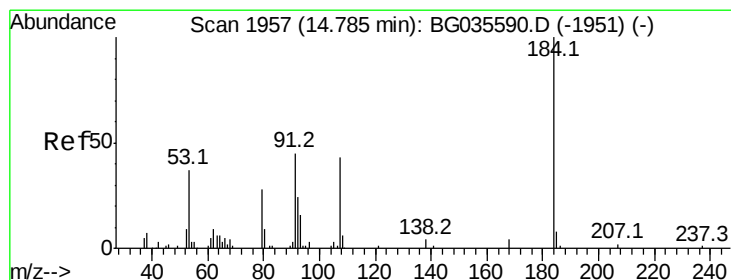
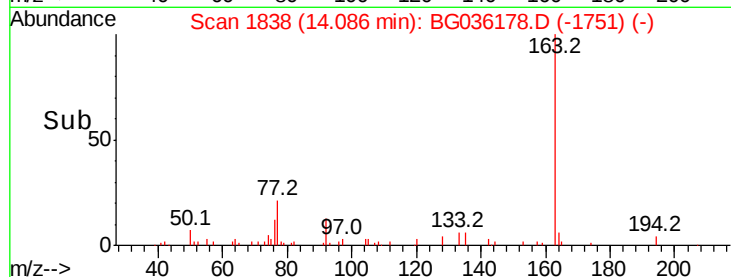
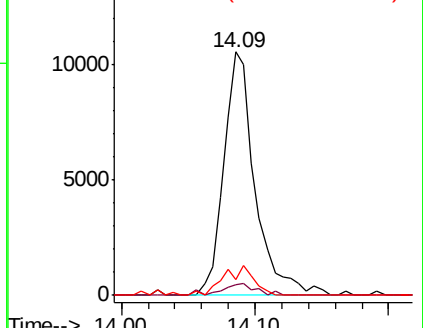
164 6.4 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 6.664 ng

RT: 15.13 min Scan# 2015

Delta R.T. 0.36 min

Lab File: BG036178.D

Acq: 8 Aug 2018 1:36

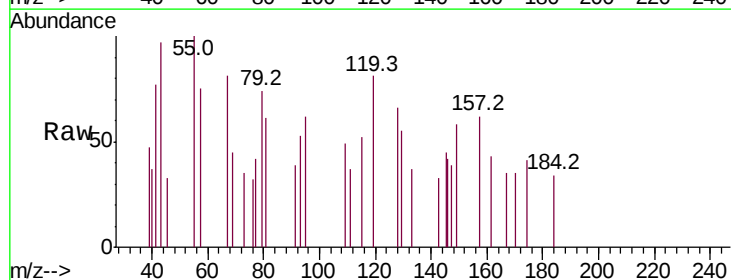
Tgt Ion:184 Resp: 56

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

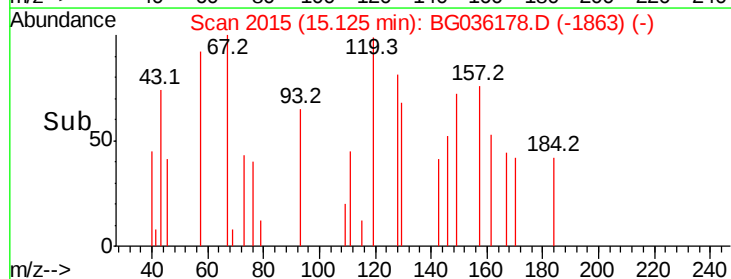
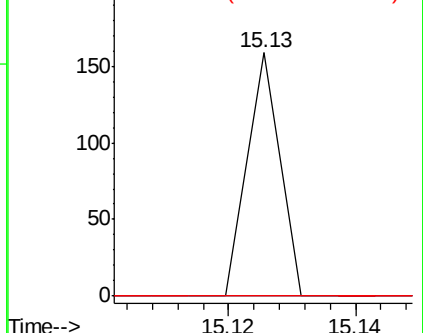
154 0.0 101.8 152.8#

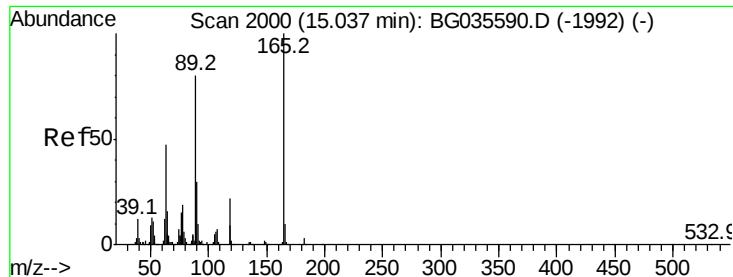


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

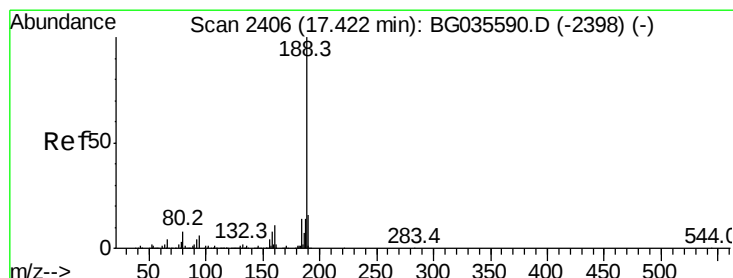
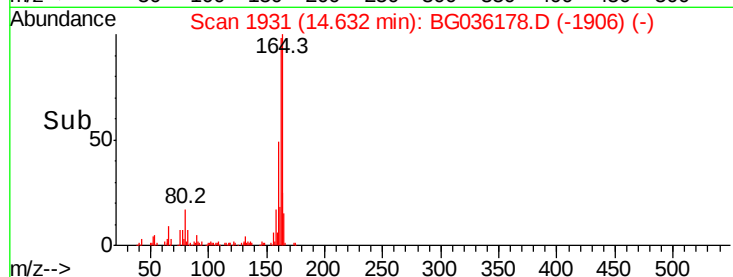
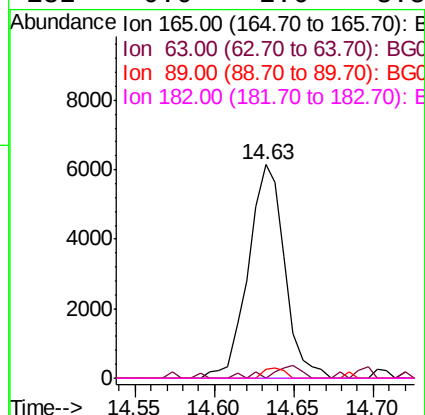
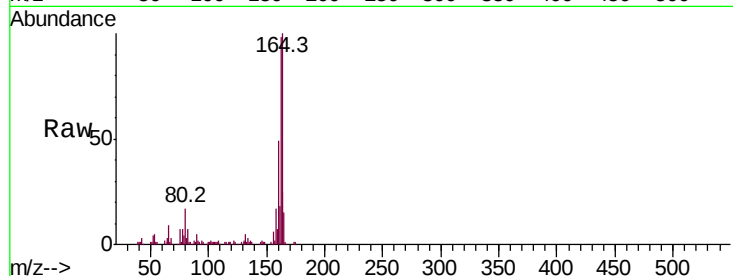




#56
2,4-Dinitrotoluene
Concen: 5.562 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.38 min
Lab File: BG036178.D
Acq: 8 Aug 2018 1:36

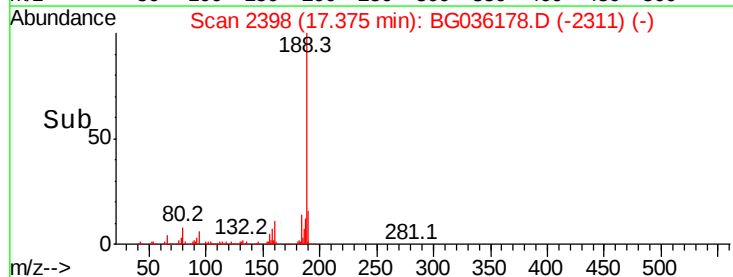
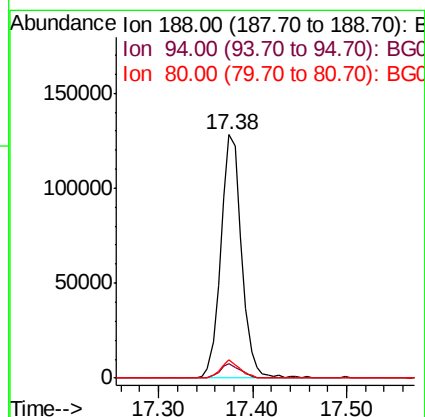
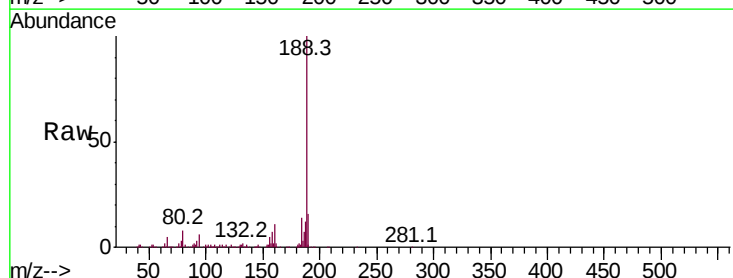
Instrument :
BNA_G
ClientSampleId :

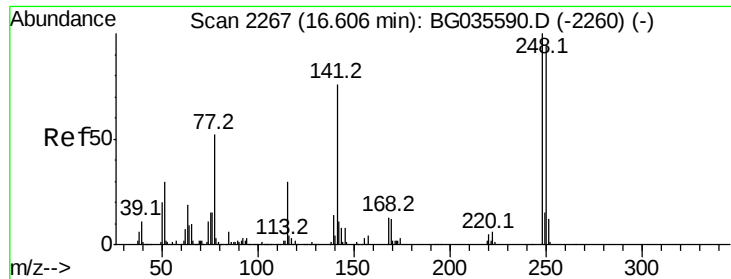
Tot Ion:165 Resp: 9769
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 4.2 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036178.D
Acq: 8 Aug 2018 1:36

Tgt Ion:188 Resp: 197703
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.5 7.7 11.5#

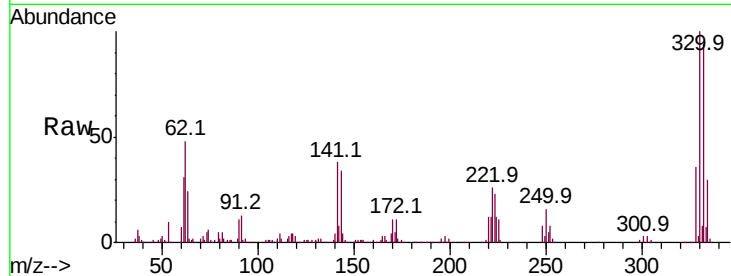




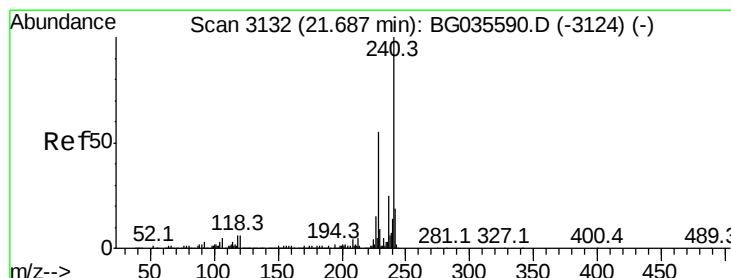
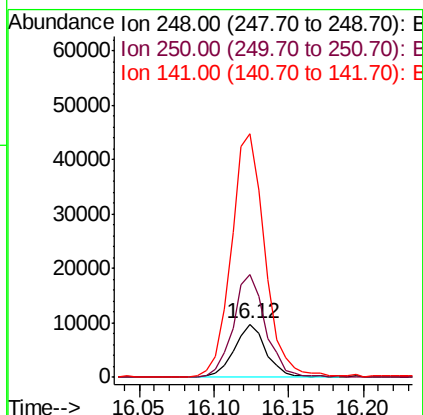
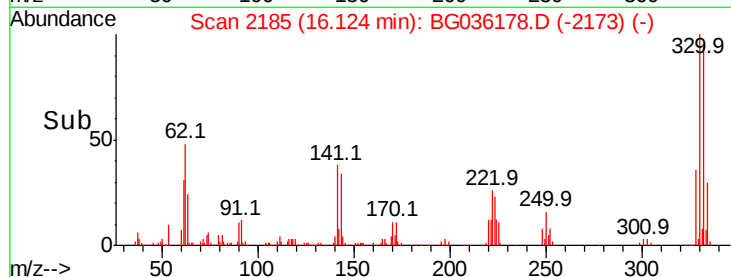
#66
 4-Bromophenyl-phenylether
 Concen: 6.283 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.46 min
 Lab File: BG036178.D
 Acq: 8 Aug 2018 1:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 14412
 Ion Ratio Lower Upper
 248 100
 250 192.3 77.1 115.7#
 141 454.9 50.8 76.2#

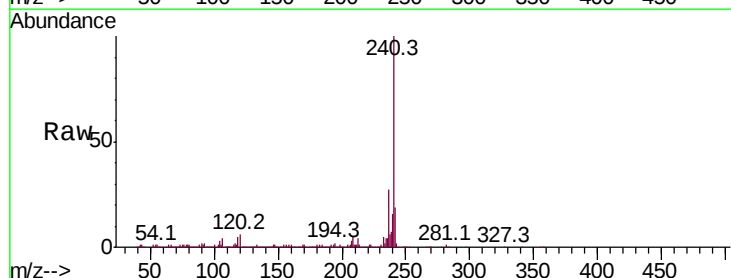


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

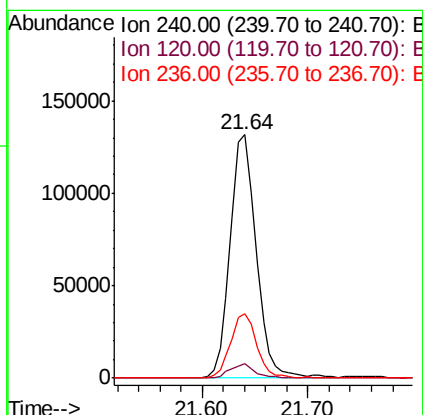
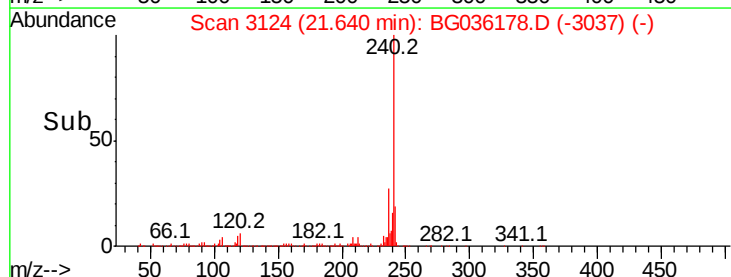


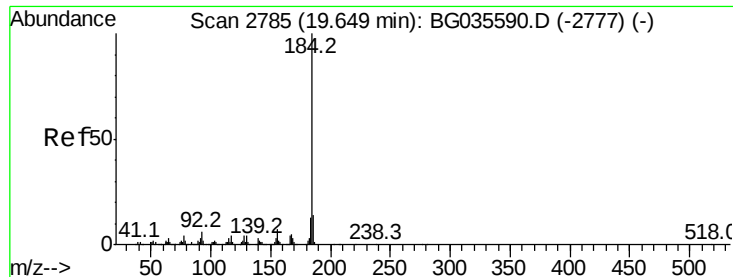
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036178.D
 Acq: 8 Aug 2018 1:36

Tgt Ion:240 Resp: 225598
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.8 10.2#
 236 26.7 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: 3.425 ng

RT: 19.99 min Scan# 2843

Delta R.T. 0.36 min

Lab File: BG036178.D

Acq: 8 Aug 2018 1:36

Instrument :

BNA_G

ClientSampleId :

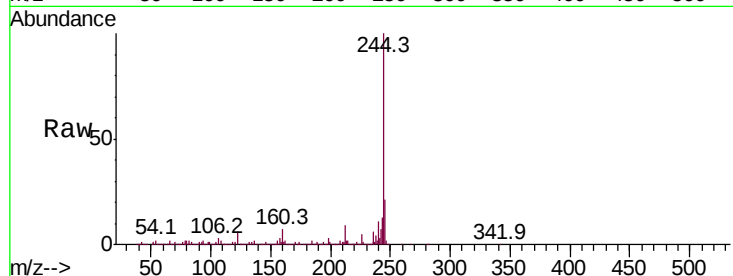
Tot Ion:184 Resp: 20311

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

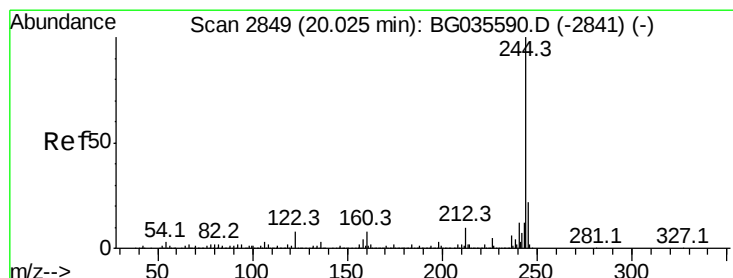
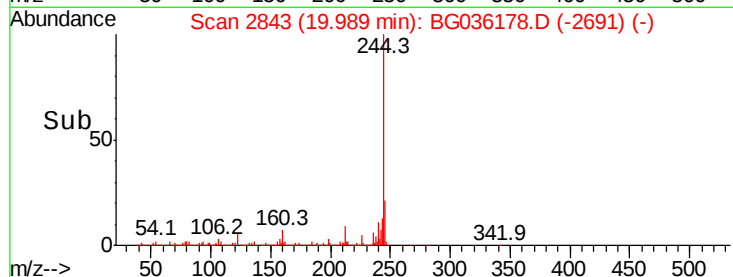
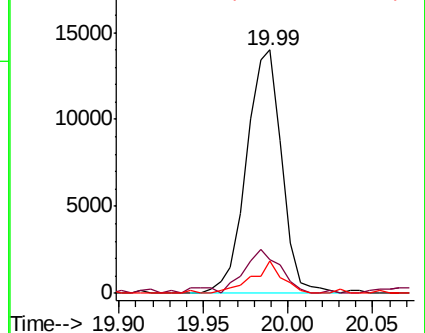
183 13.2 10.6 16.0



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: 110.112 ng

RT: 19.99 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG036178.D

Acq: 8 Aug 2018 1:36

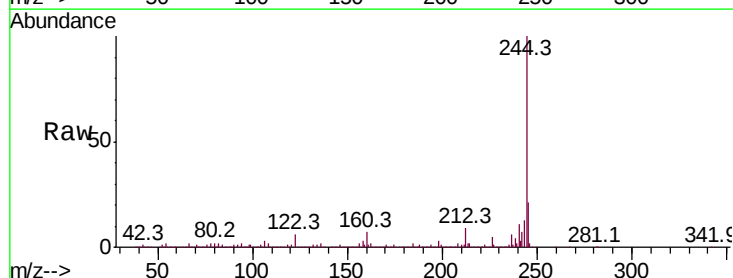
Tgt Ion:244 Resp: 1126933

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

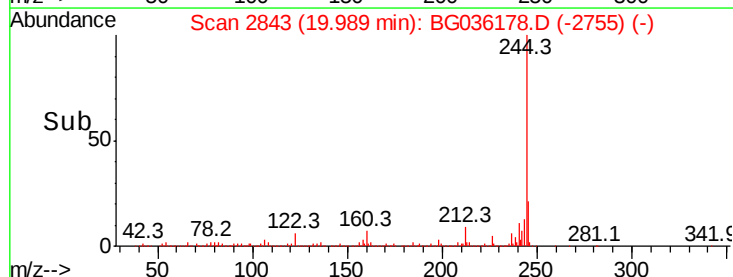
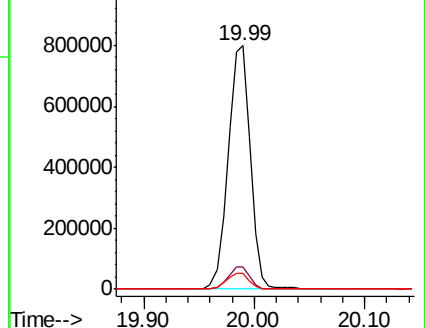
122 6.3 7.0 10.4#

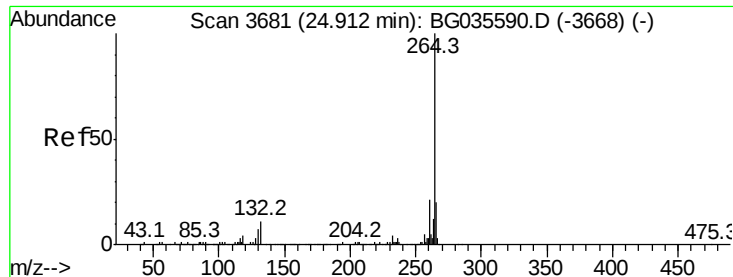


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

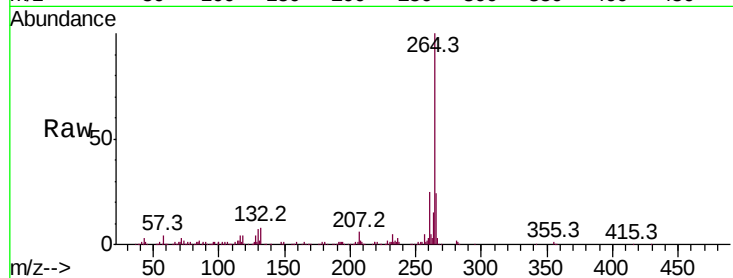




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.82 min Scan# 3666
 Delta R.T. -0.04 min
 Lab File: BG036178.D
 Acq: 8 Aug 2018 1:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	23.7	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

