

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034131.D
 Acq On : 3 May 2018 00:36
 Operator : SJ/JU
 Sample : J2647-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 03 04:49:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

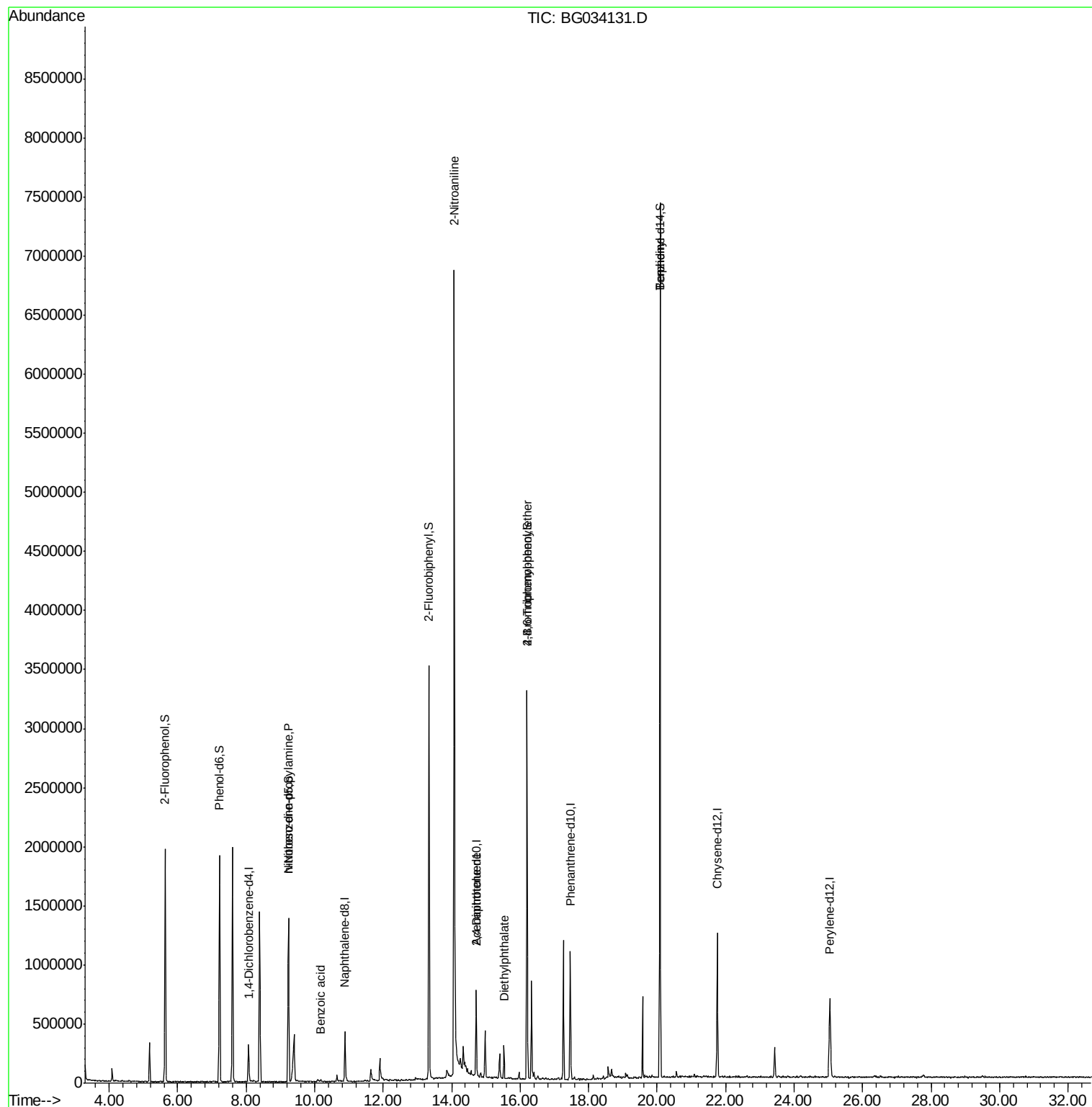
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	79414	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	304211	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	255428	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	675164	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	769956	20.00	ng	-0.01
86) Perylene-d12	25.04	264	757453	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	689751	140.33	ng	0.00
7) Phenol-d6	7.22	99	953052	124.54	ng	0.00
23) Nitrobenzene-d5	9.24	82	838067	105.70	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	556329	157.29	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1675818	95.60	ng	-0.01
78) Terphenyl-d14	20.08	244	3100974	88.23	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.21	77	3341	Below Cal	#	11
19) n-Nitroso-di-n-propylamine	9.24	70	126371	18.39	ng	# 78
32) Benzoic acid	10.18	122	328	3.20	ng	# 78
47) 2-Nitroaniline	14.08	65	190365	31.52	ng	# 10
56) 2,4-Dinitrotoluene	14.71	165	31732	5.49	ng	# 22
59) Diethylphthalate	15.53	149	130036	5.55	ng	96
66) 4-Bromophenyl-phenylether	16.21	248	50688	6.05	ng	# 1
76) Benzidine	20.08	184	70423	3.55	ng	96

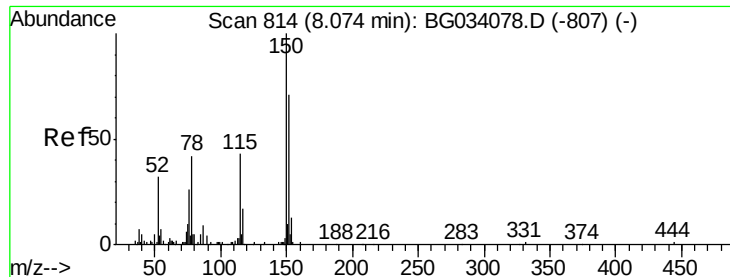
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034131.D
Acq On : 3 May 2018 00:36
Operator : SJ/JU
Sample : J2647-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 03 04:49:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration



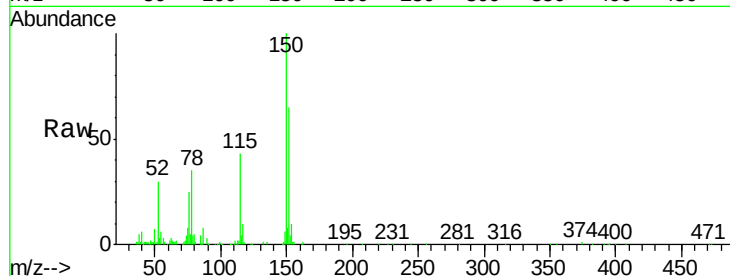


#1

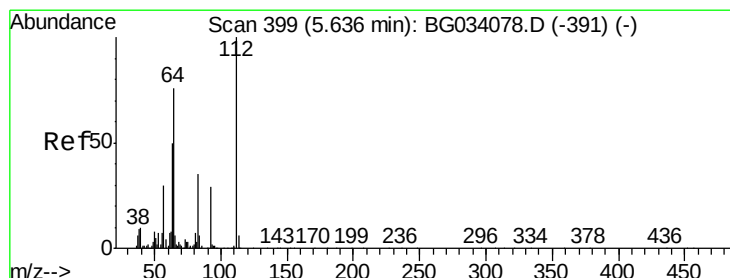
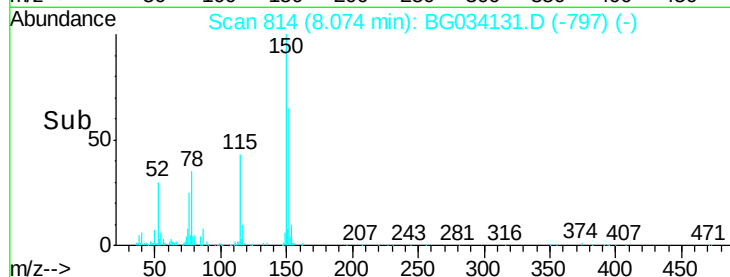
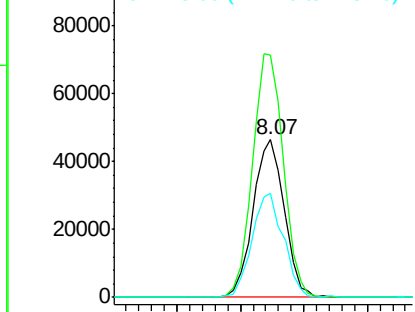
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	79414
Ion Ratio	Lower	Upper	
152	100		
150	154.3	126.6	189.8
115	66.0	53.0	79.4



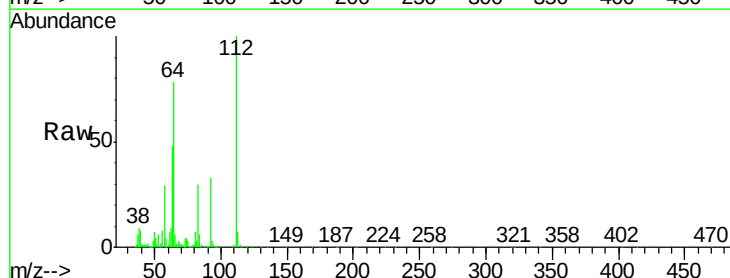
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



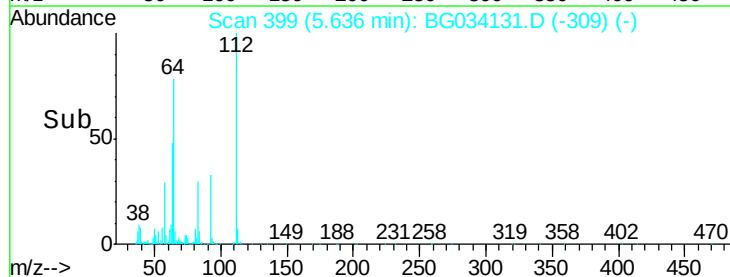
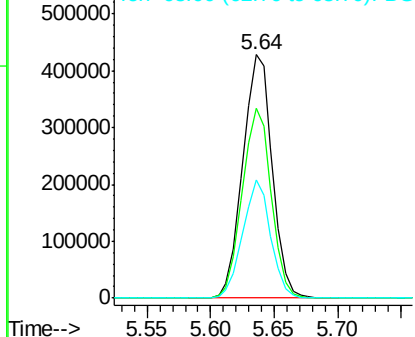
#5

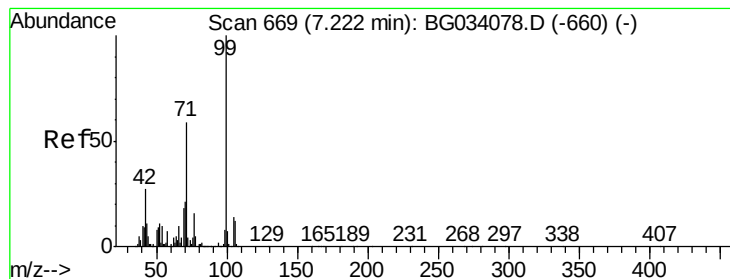
2-Fluorophenol
Concen: 140.33 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Tgt Ion	112	Resp	689751
Ion Ratio	Lower	Upper	
112	100		
64	78.2	56.3	84.5
63	48.3	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 124.54 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG034131.D

Acq: 3 May 2018 00:36

Instrument :

BNA_G

ClientSampled :

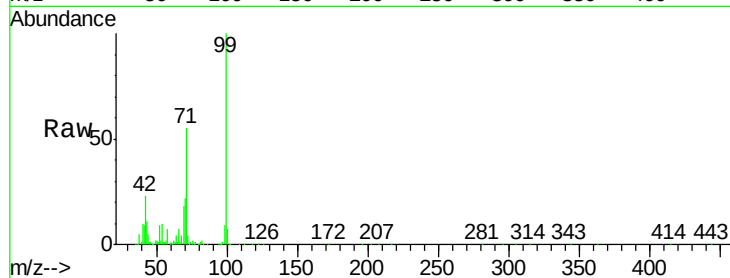
Tot Ion: 99 Resp: 953052

Ion Ratio Lower Upper

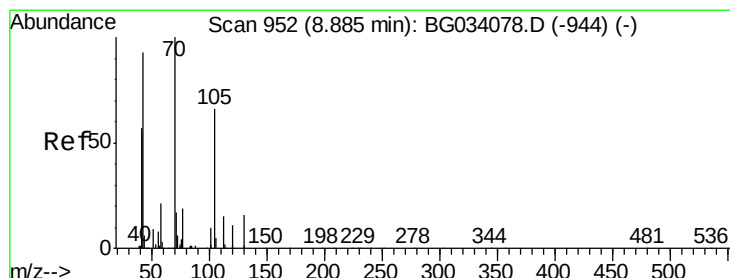
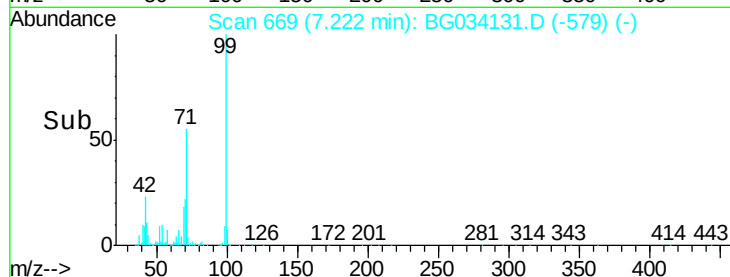
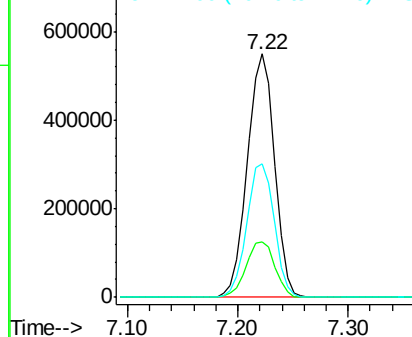
99 100

42 22.9 14.1 21.1#

71 54.8 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: 18.39 ng

RT: 9.24 min Scan# 1012

Delta R.T. 0.35 min

Lab File: BG034131.D

Acq: 3 May 2018 00:36

Tgt Ion: 70 Resp: 126371

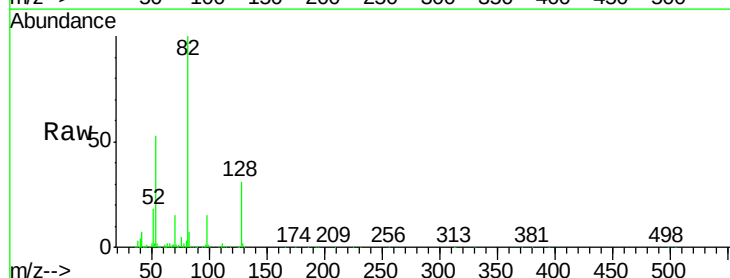
Ion Ratio Lower Upper

70 100

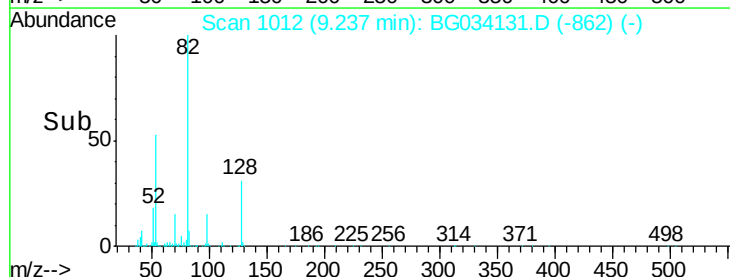
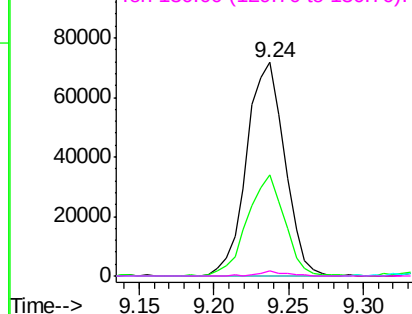
42 47.5 49.1 73.7#

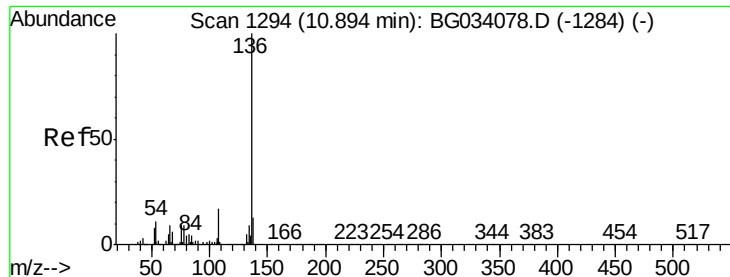
101 0.0 8.5 12.7#

130 2.4 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

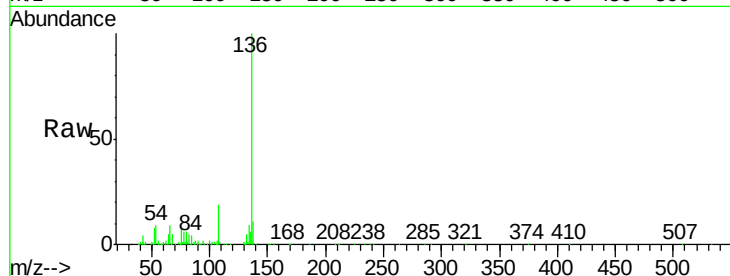




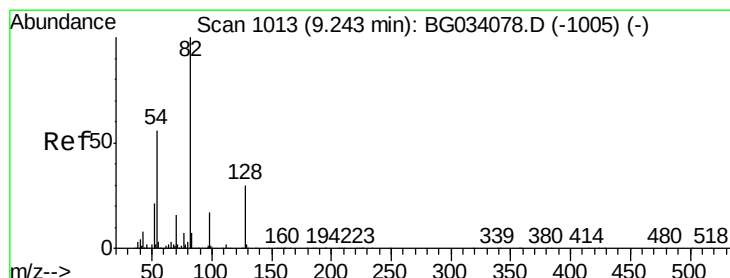
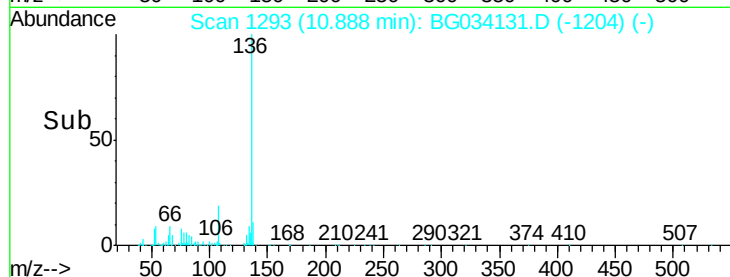
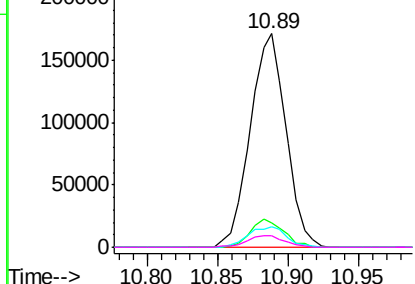
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	304211
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.2 13.8
54	9.4	10.3 15.5
68	5.3	4.5 6.7

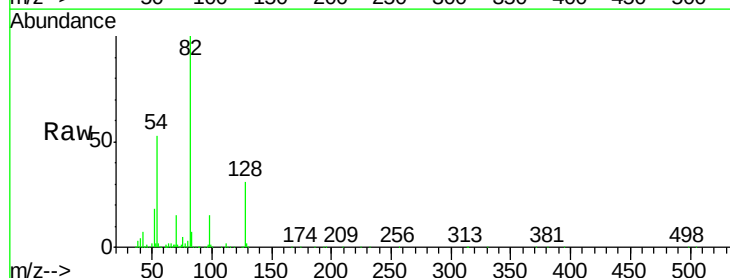


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

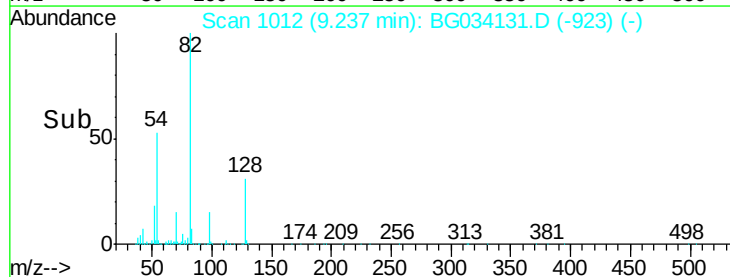
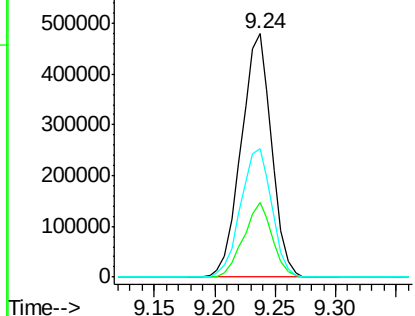


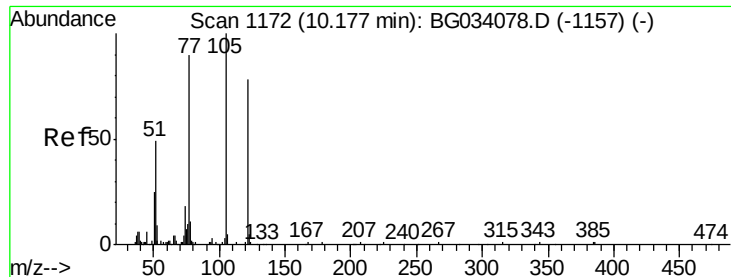
#23
Nitrobenzene-d5
Concen: 105.70 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Tgt Ion: 82	Resp:	838067
Ion	Ratio	Lower Upper
82	100	
128	30.7	29.7 44.5
54	52.7	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





#32

Benzoic acid

Concen: 3.20 ng

RT: 10.18 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG034131.D

Acq: 3 May 2018 00:36

Instrument :

BNA_G

ClientSampleId :

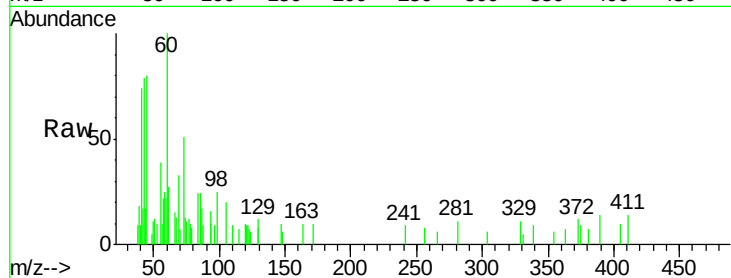
Tot Ion:122 Resp: 328

Ion Ratio Lower Upper

122 100

105 125.6 123.5 163.5

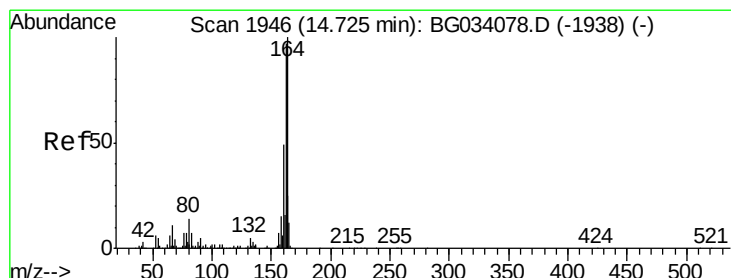
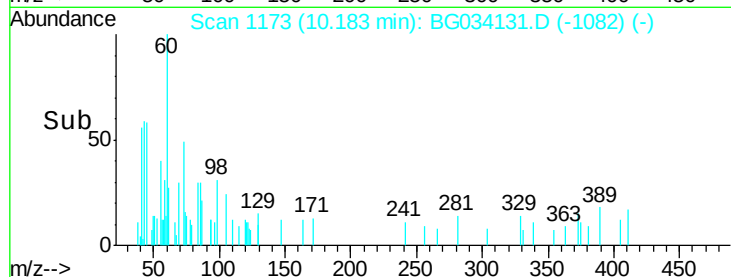
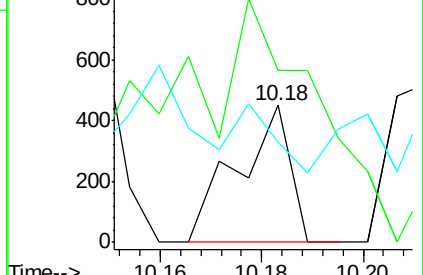
77 73.6 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034131.D

Acq: 3 May 2018 00:36

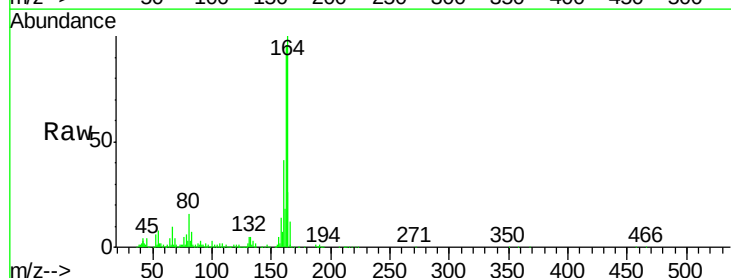
Tgt Ion:164 Resp: 255428

Ion Ratio Lower Upper

164 100

162 95.8 78.8 118.2

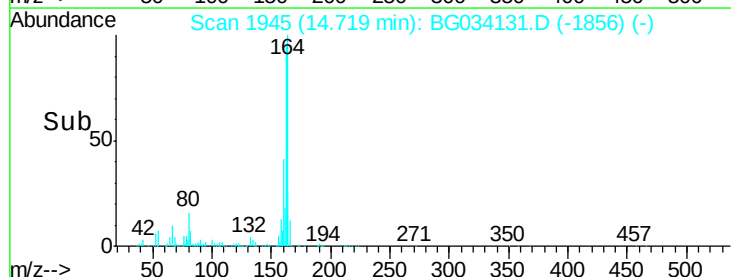
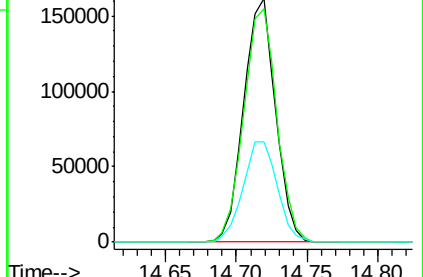
160 41.1 35.4 53.0

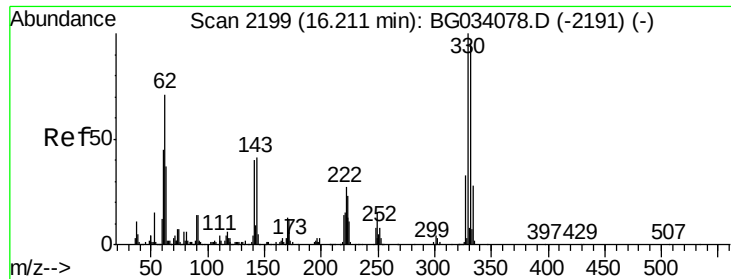


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

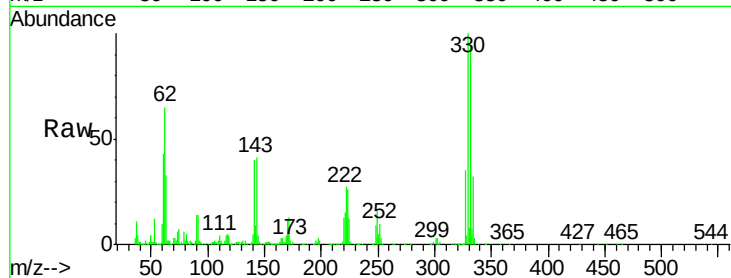




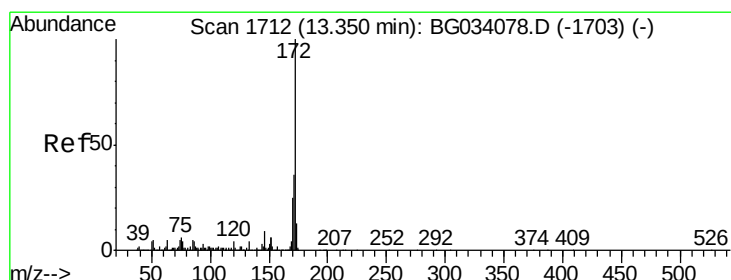
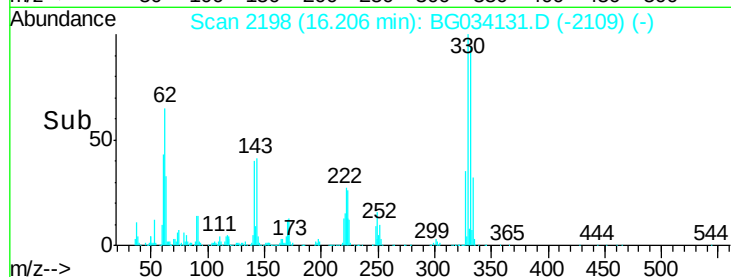
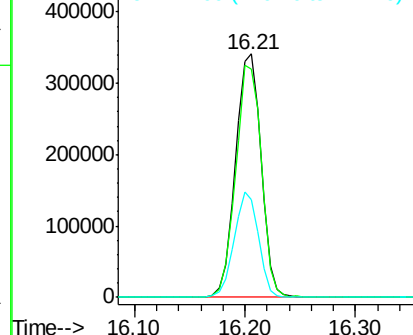
#41
2,4,6-Tribromophenol
Concen: 157.29 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:330 Resp: 556329
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 41.3 25.2 37.8#

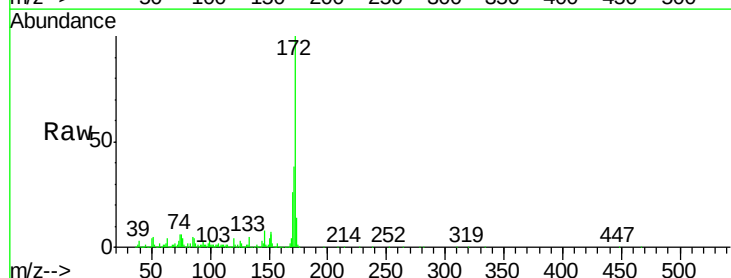


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

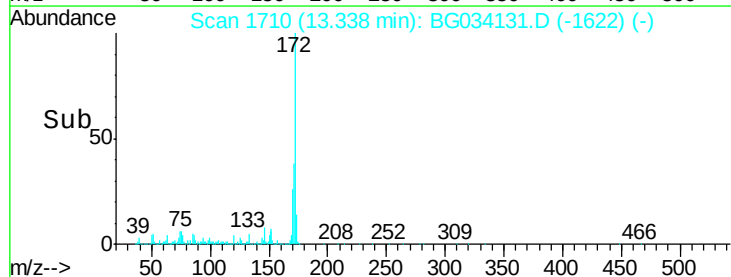
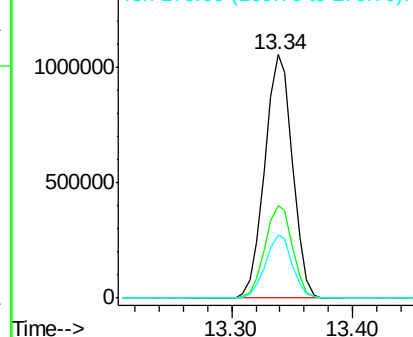


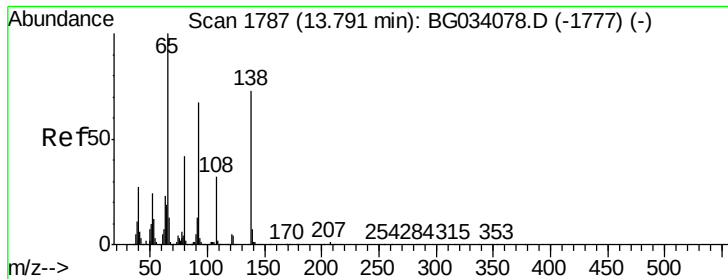
#44
2-Fluorobiphenyl
Concen: 95.60 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Tgt Ion:172 Resp: 1675818
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 26.2 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

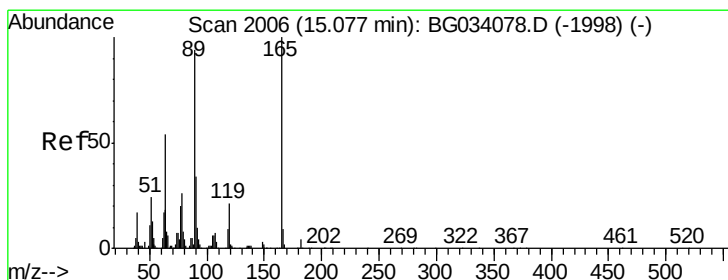
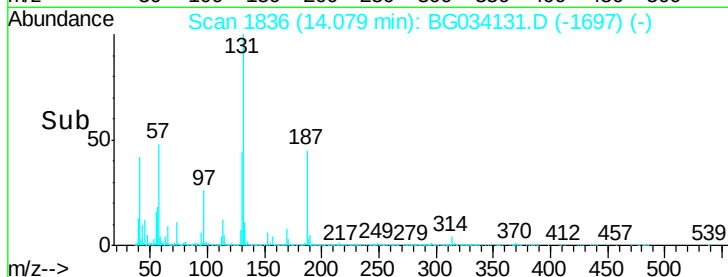
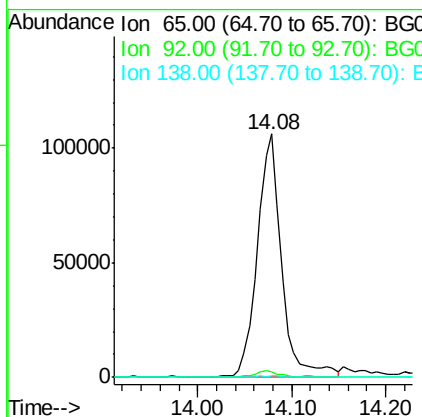
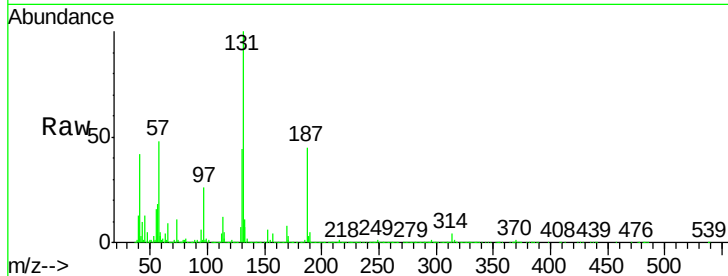




#47
2-Nitroaniline
Concen: 31.52 ng
RT: 14.08 min Scan# 1836
Delta R.T. 0.29 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

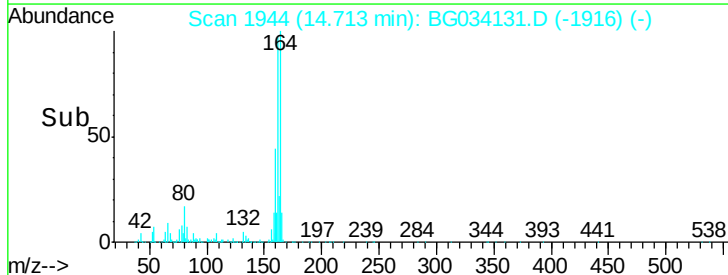
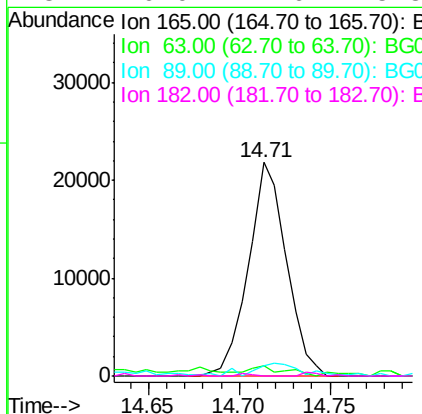
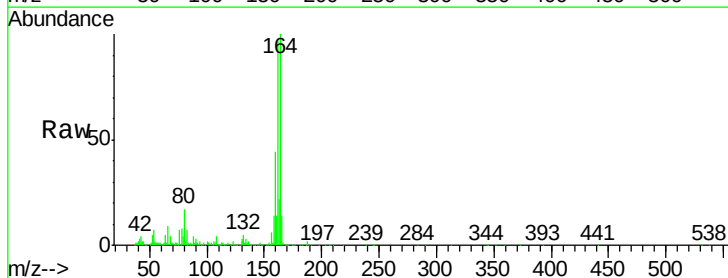
Instrument :
BNA_G
ClientSampleId :

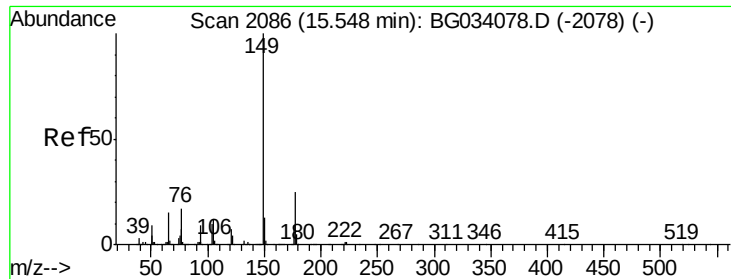
Tot Ion: 65 Resp: 190365
Ion Ratio Lower Upper
65 100
92 2.1 54.6 82.0#
138 0.5 72.9 109.3#



#56
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.36 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Tgt Ion: 165 Resp: 31732
Ion Ratio Lower Upper
165 100
63 4.9 42.0 63.0#
89 5.0 66.9 100.3#
182 0.0 2.6 3.8#

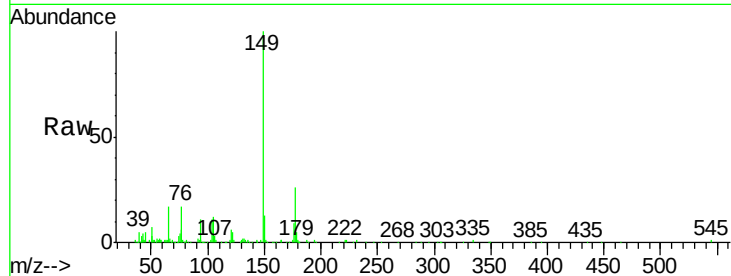




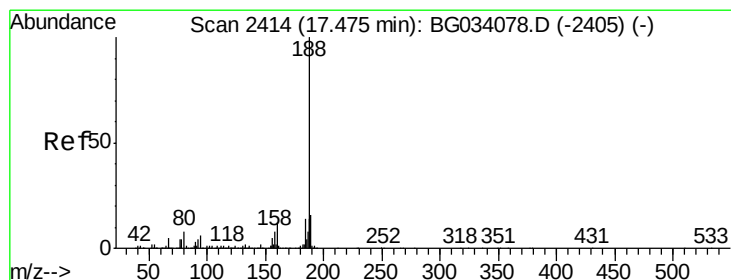
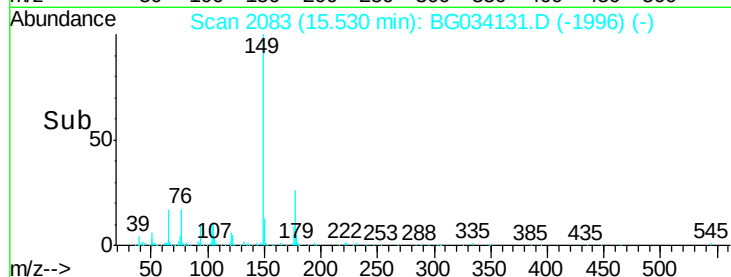
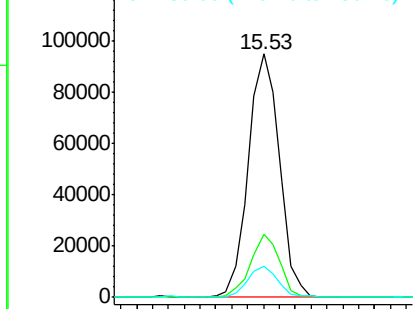
#59
Diethylphthalate
Concen: 5.55 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 130036
Ion Ratio Lower Upper
149 100
177 25.9 18.5 27.7
150 12.6 10.2 15.2

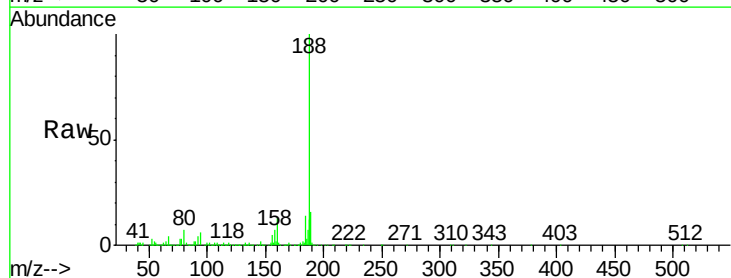


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

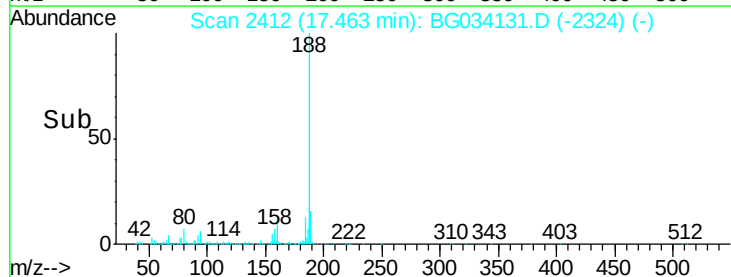
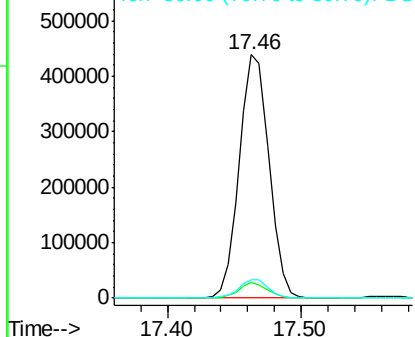


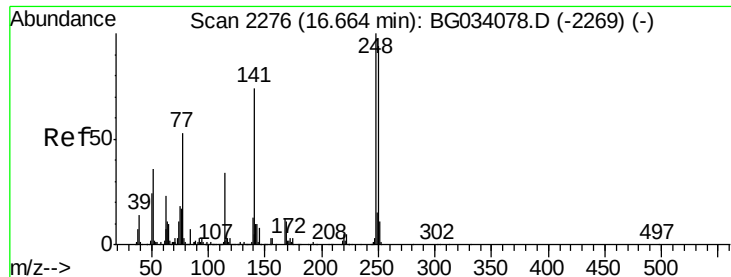
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Tgt Ion:188 Resp: 675164
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

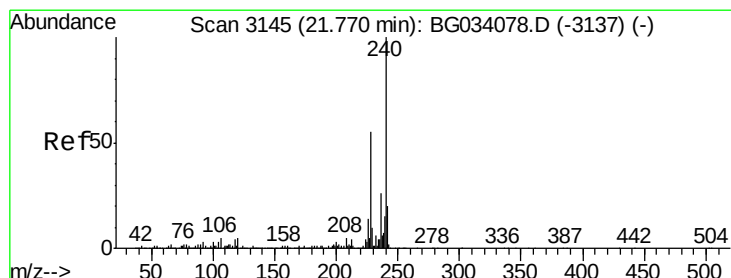
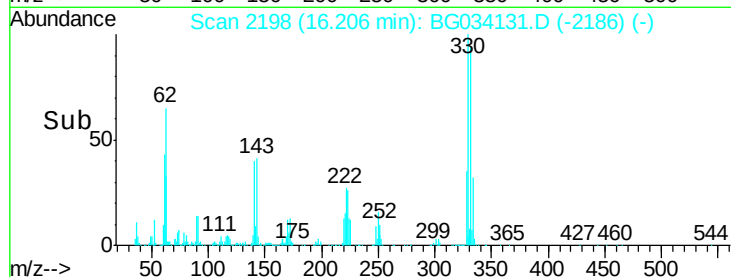
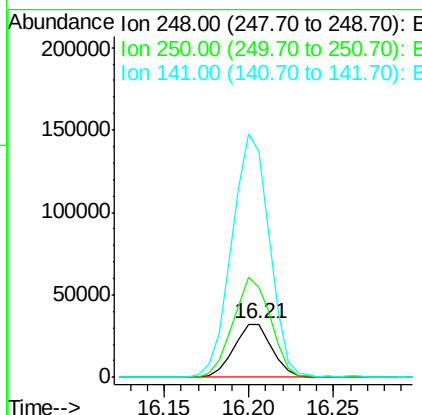
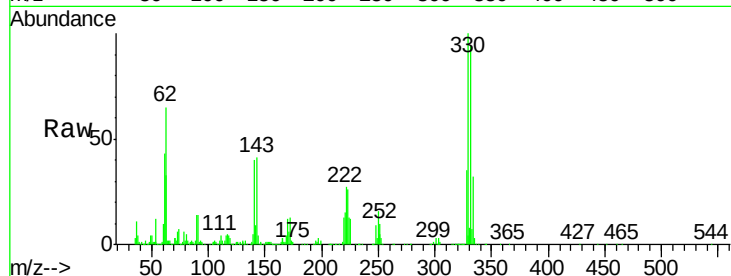




#66
4-Bromophenyl-phenylether
Concen: 6.05 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.46 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

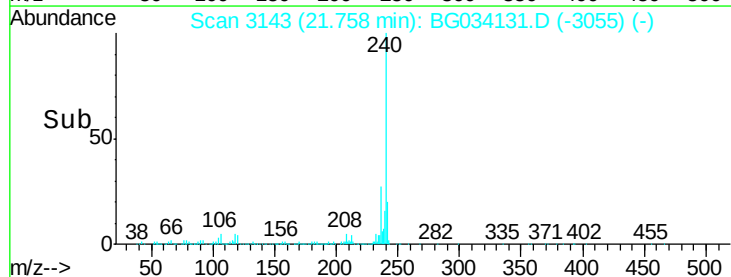
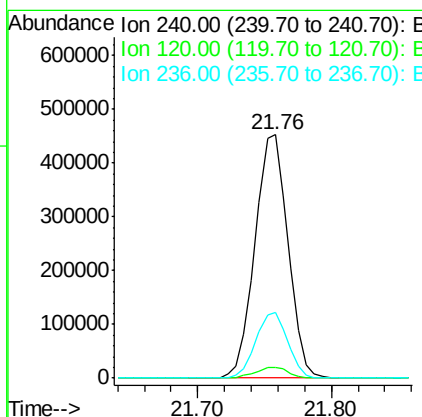
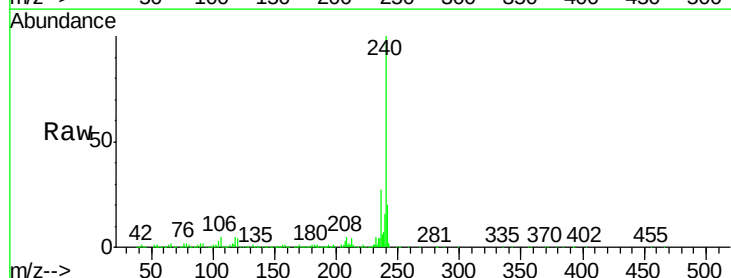
Instrument :
BNA_G
ClientSampleId :

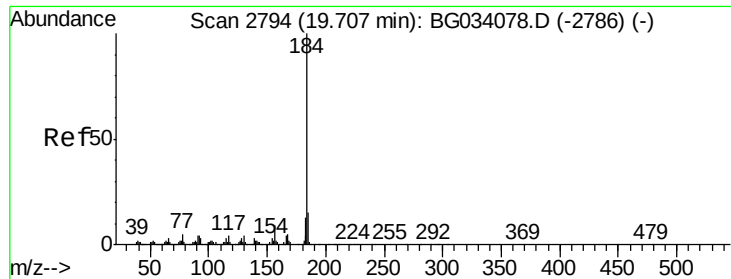
Tot Ion:248 Resp: 50688
Ion Ratio Lower Upper
248 100
250 168.8 77.1 115.7#
141 425.4 50.8 76.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Tgt Ion:240 Resp: 769956
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 26.8 20.9 31.3





#76

Benzidine

Concen: 3.55 ng

RT: 20.08 min Scan# 2858

Delta R.T. 0.38 min

Lab File: BG034131.D

Acq: 3 May 2018 00:36

Instrument :

BNA_G

ClientSampleId :

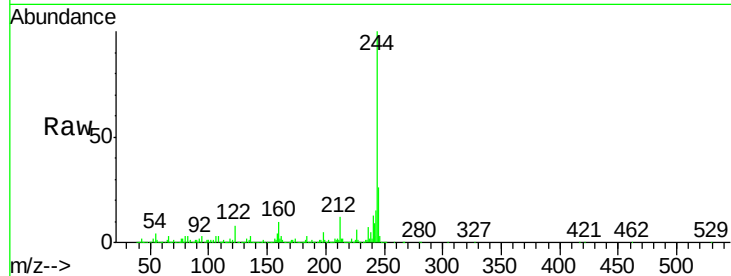
Tot Ion:184 Resp: 70423

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

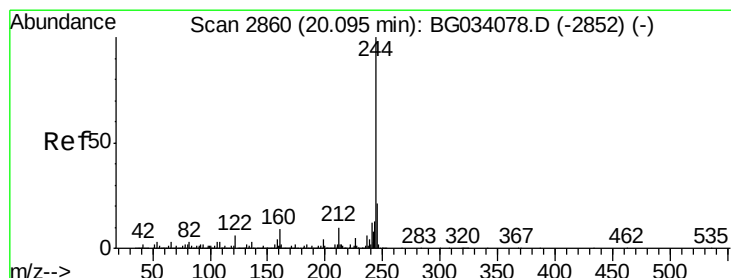
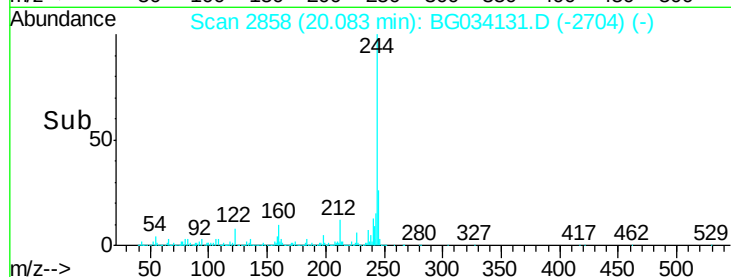
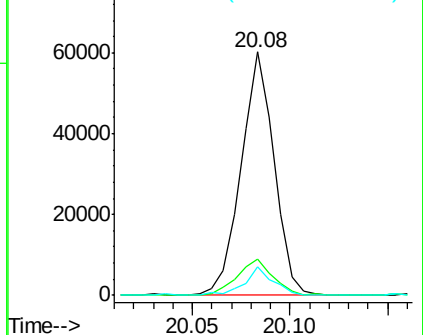
183 11.6 10.6 16.0



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: 88.23 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG034131.D

Acq: 3 May 2018 00:36

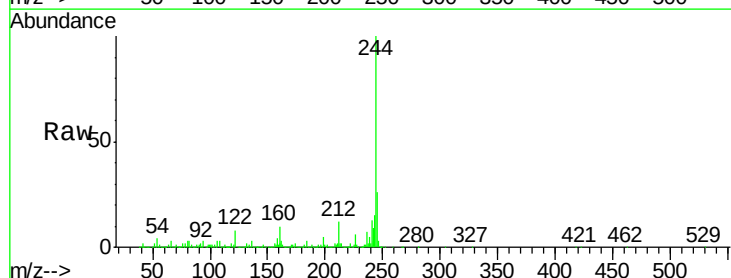
Tgt Ion:244 Resp: 3100974

Ion Ratio Lower Upper

244 100

212 11.6 5.8 8.8#

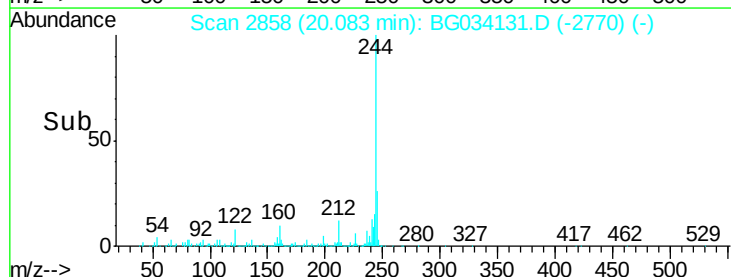
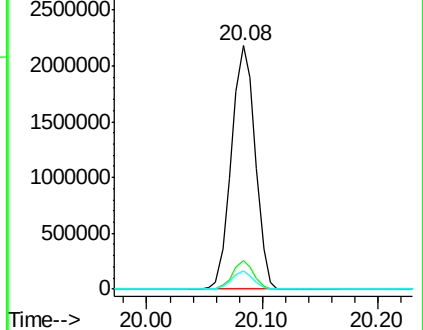
122 7.5 7.0 10.4

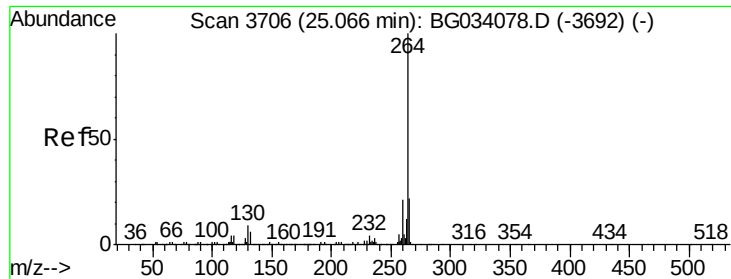


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

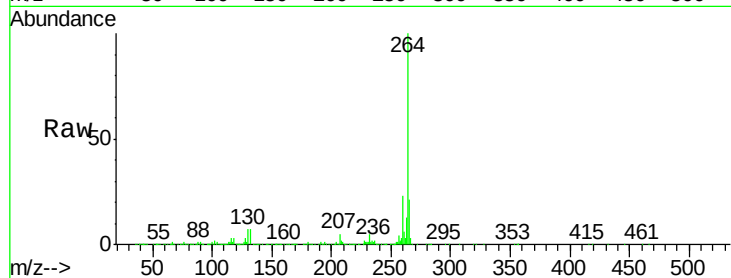




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.02 min
Lab File: BG034131.D
Acq: 3 May 2018 00:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.5	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

