

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031912.D
 Acq On : 4 Jan 2018 5:07
 Operator : SJ/JU
 Sample : J1022-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 08:15:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	55455	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	234963	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	160002	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	401606	20.00	ng	0.00
75) Chrysene-d12	22.49	240	447437	20.00	ng	-0.01
86) Perylene-d12	26.24	264	466502	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	400613	131.58	ng	0.00
7) Phenol-d6	7.89	99	472539	119.54	ng	0.00
23) Nitrobenzene-d5	9.99	82	328168	105.47	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	342195	140.16	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1176532	92.29	ng	0.00
78) Terphenyl-d14	20.68	244	1938321	98.97	ng	0.00

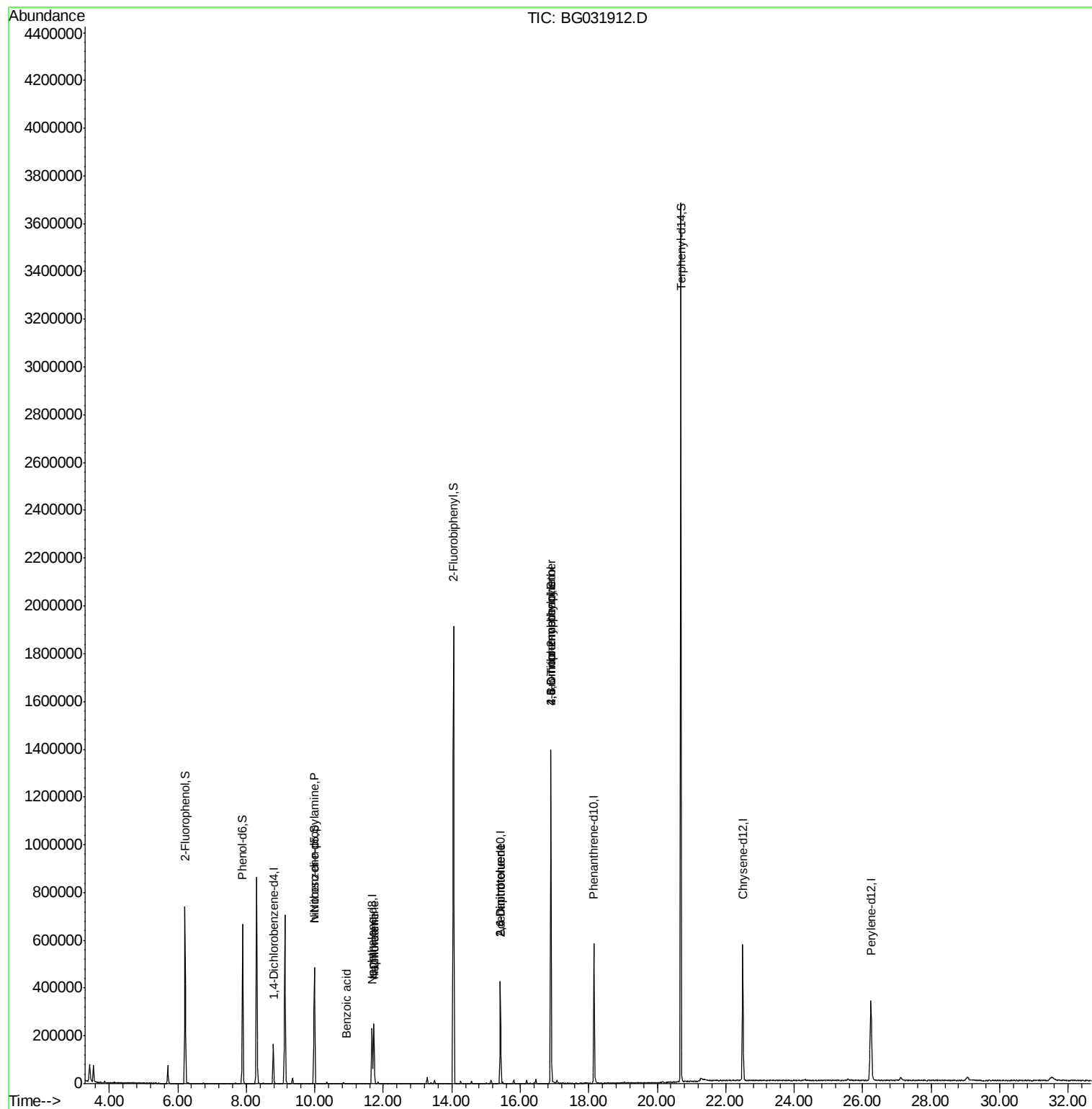
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.99	70	43663	16.174	ng	# 69
31) Naphthalene	11.72	128	248716	20.974	ng	# 99
32) Benzoic acid	10.93	122	123	6.738	ng	# 29
33) 4-Chloroaniline	11.72	127	34514	6.538	ng	# 34
50) 2,6-Dinitrotoluene	15.42	165	21494	8.289	ng	# 20
56) 2,4-Dinitrotoluene	15.42	165	21494	6.446	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.90	198	773	8.633	ng	# 1
66) 4-Bromophenyl-phenylether	16.90	248	27863	4.798	ng	# 1

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

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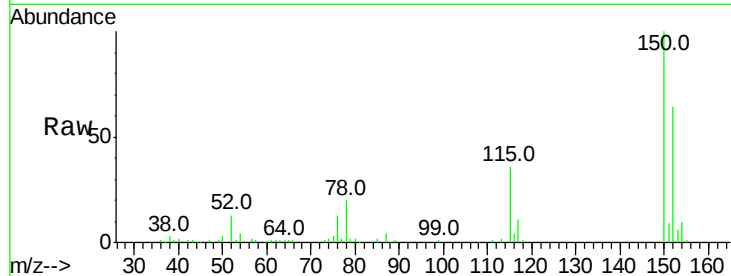


#1

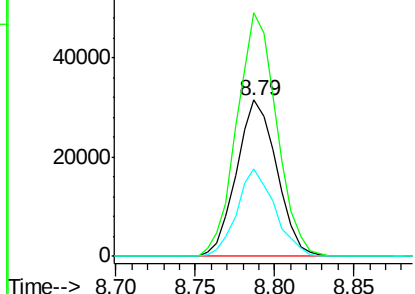
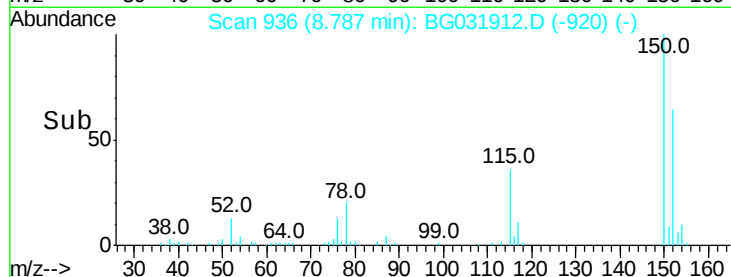
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 55455
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.6 189.8
 115 56.0 53.0 79.4



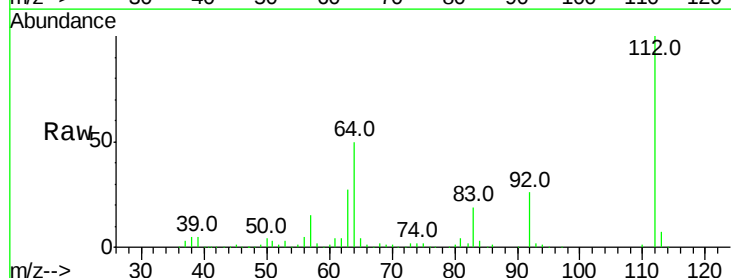
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



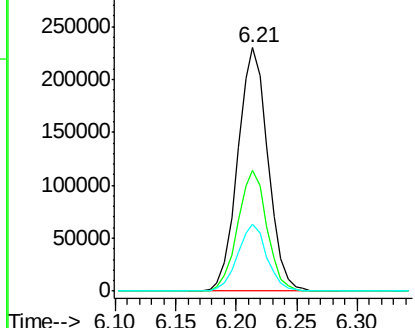
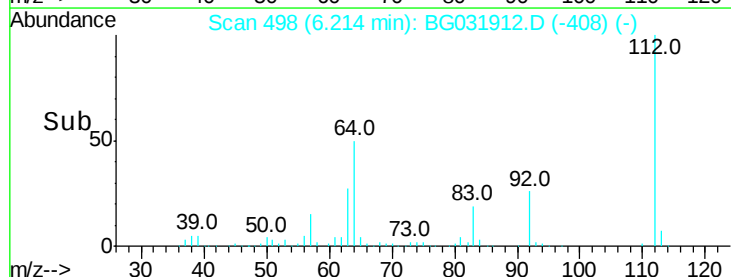
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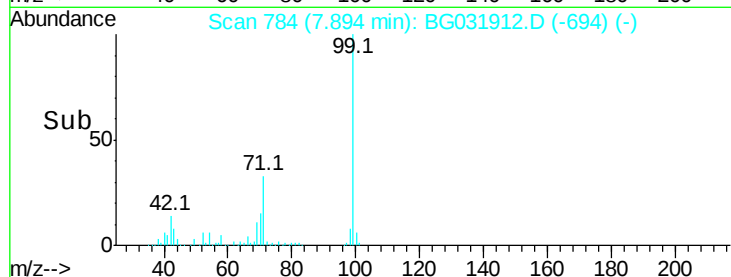
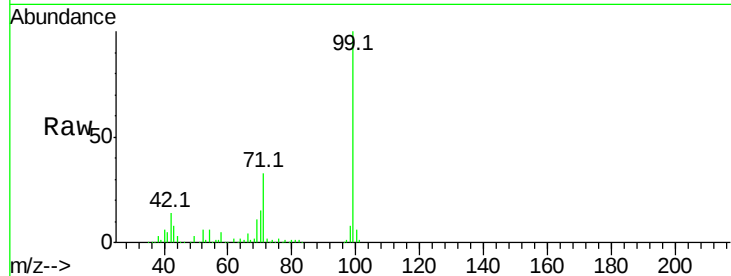
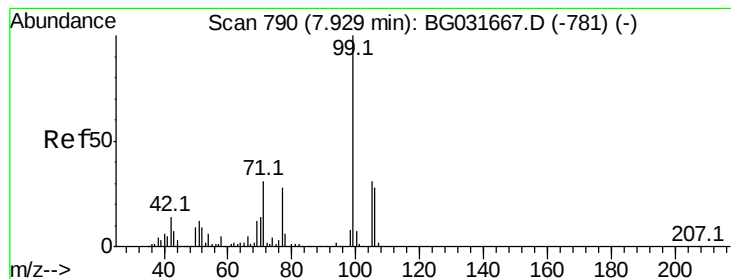
2-Fluorophenol
 Concen: 131.579 ng
 RT: 6.21 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

Tgt Ion:112 Resp: 400613
 Ion Ratio Lower Upper
 112 100
 64 49.7 56.3 84.5#
 63 27.4 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: 119.540 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

Instrument :

BNA_G

ClientSampleId :

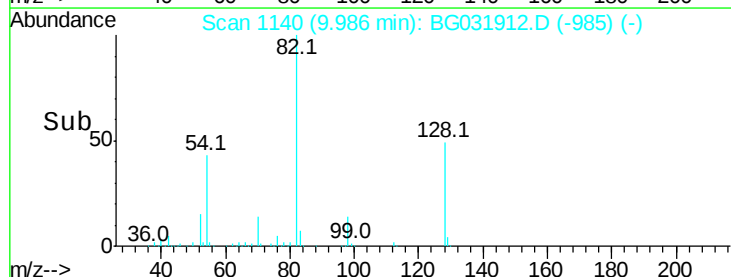
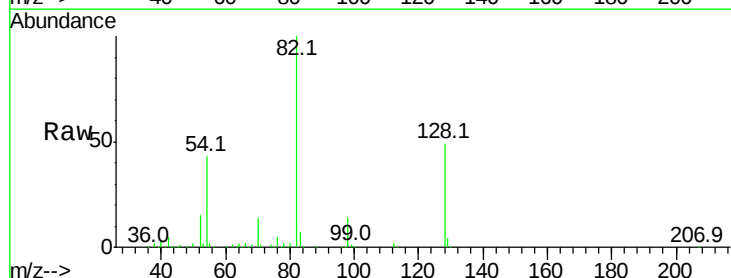
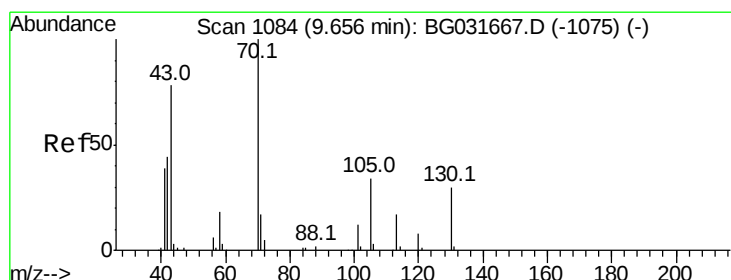
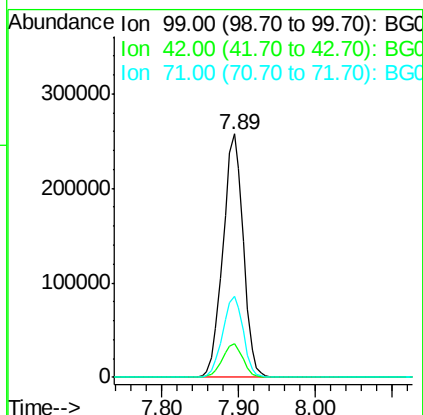
Tot Ion: 99 Resp: 472539

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 33.5 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.174 ng

RT: 9.99 min Scan# 1140

Delta R.T. 0.38 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

Tgt Ion: 70 Resp: 43663

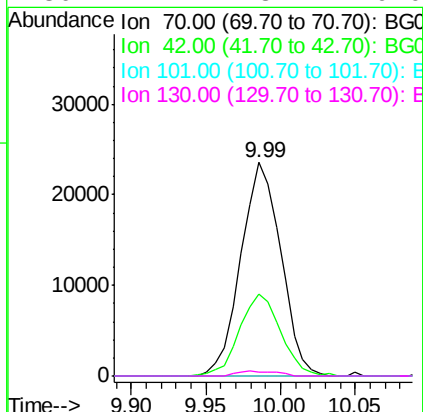
Ion Ratio Lower Upper

70 100

42 38.5 49.1 73.7#

101 0.0 8.5 12.7#

130 1.7 13.4 20.0#

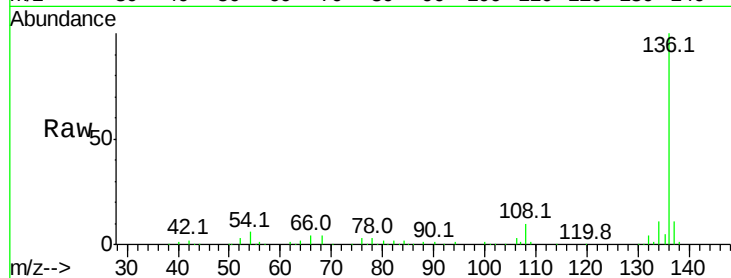




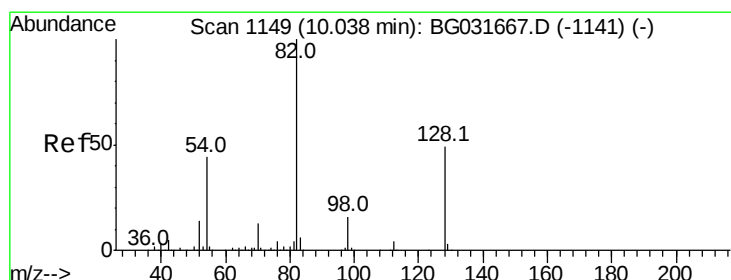
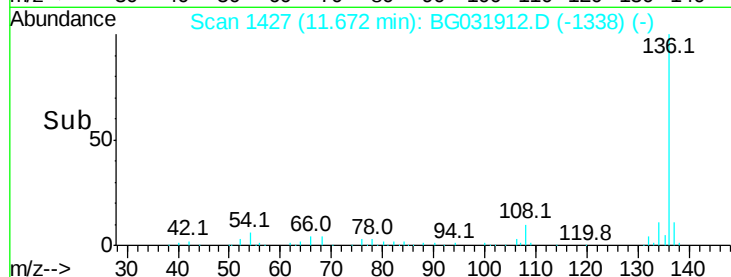
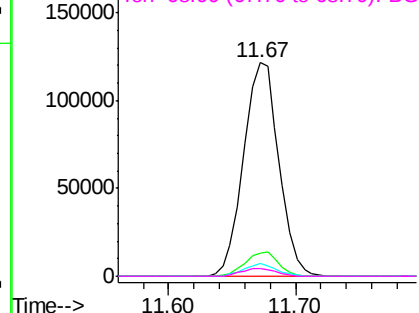
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	234963
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	5.8	10.3	15.5#
68	3.9	4.5	6.7#

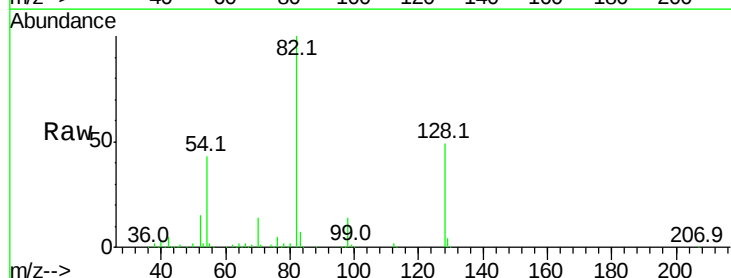


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

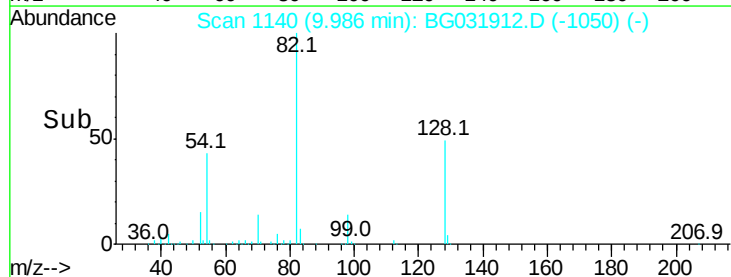
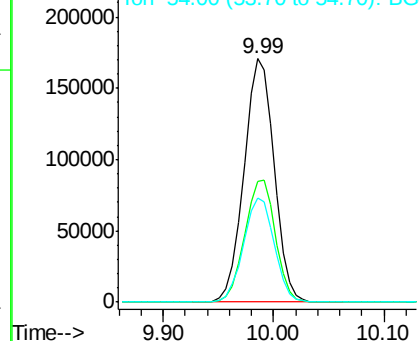


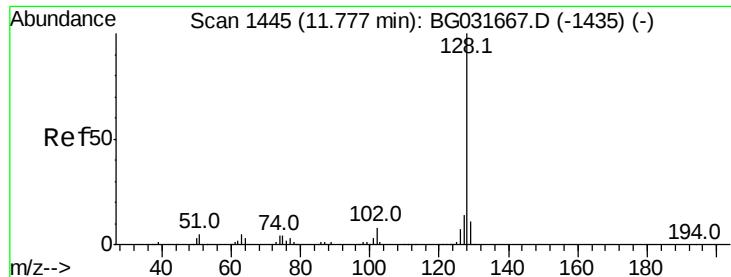
#23
Nitrobenzene-d5
Concen: 105.466 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

Tgt Ion:	82	Resp:	328168
Ion	Ratio	Lower	Upper
82	100		
128	49.5	29.7	44.5#
54	42.9	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

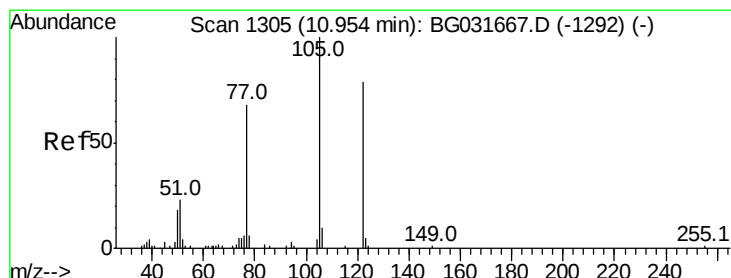
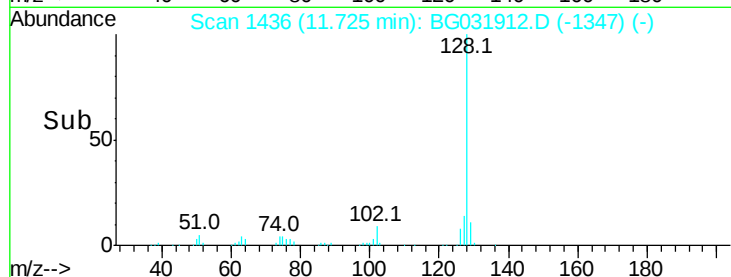
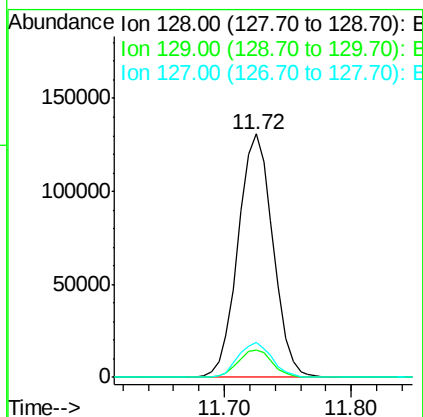
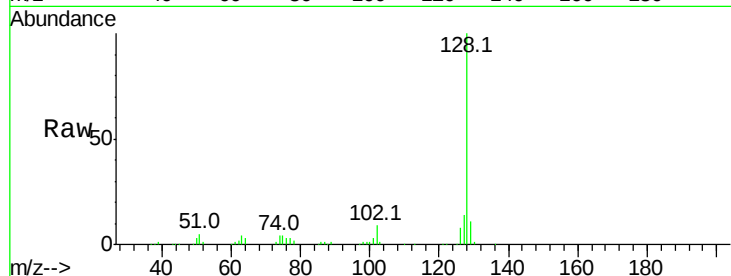




#31
Naphthalene
Concen: 20.974 ng
RT: 11.72 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

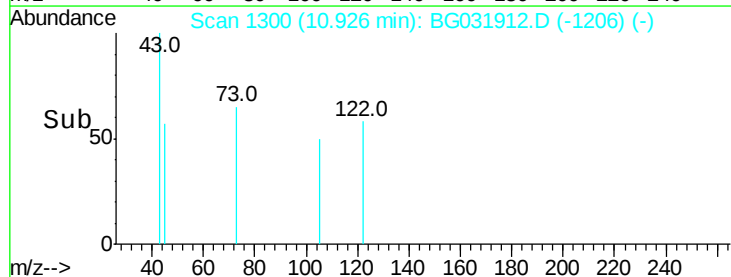
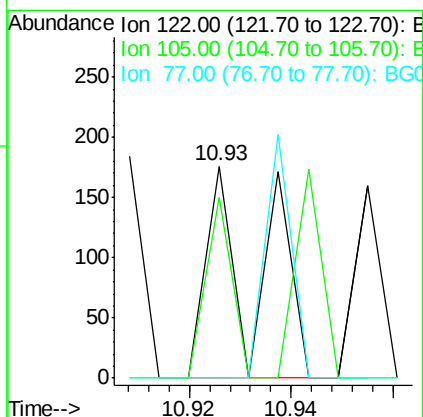
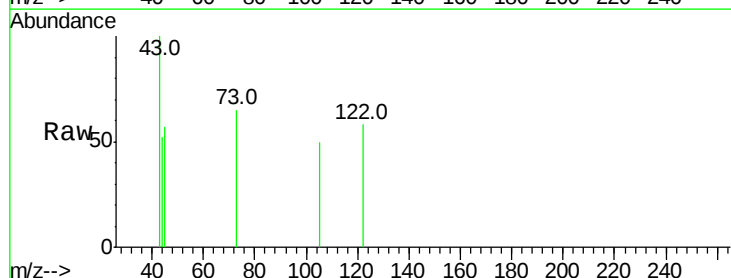
Instrument :
BNA_G
ClientSampleId :

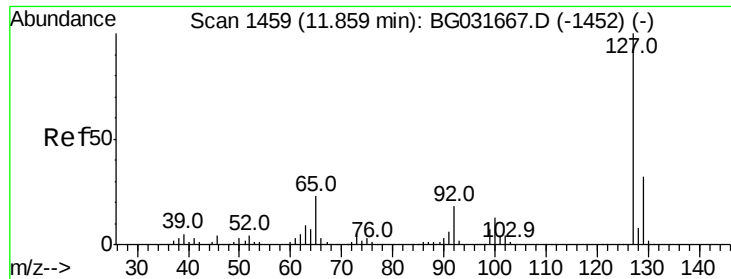
Tot Ion:128 Resp: 248716
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 6.738 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.02 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

Tgt Ion:122 Resp: 123
Ion Ratio Lower Upper
122 100
105 85.2 123.5 163.5#
77 0.0 85.7 125.7#

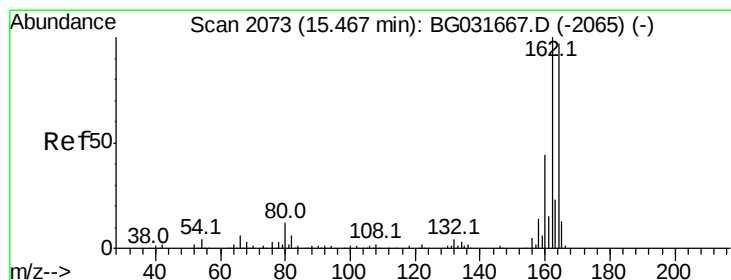
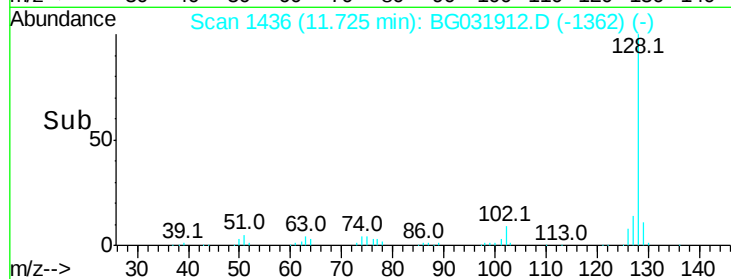
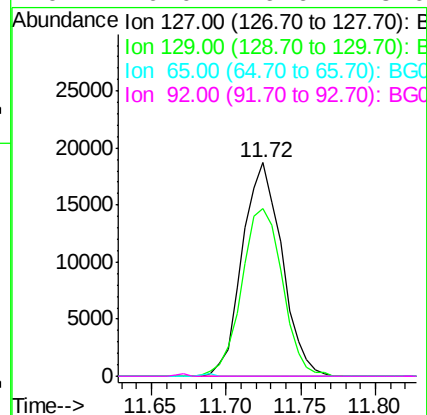
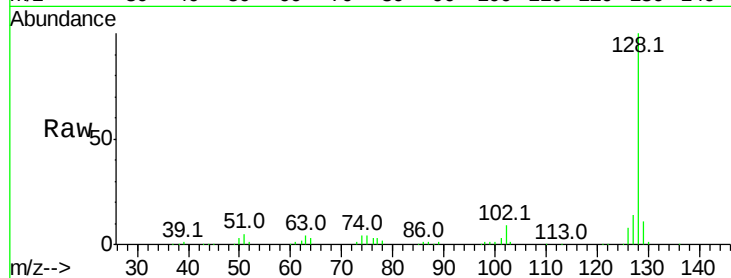




#33
4-Chloroaniline
Concen: 6.538 ng
RT: 11.72 min Scan# 1436
Delta R.T. -0.09 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

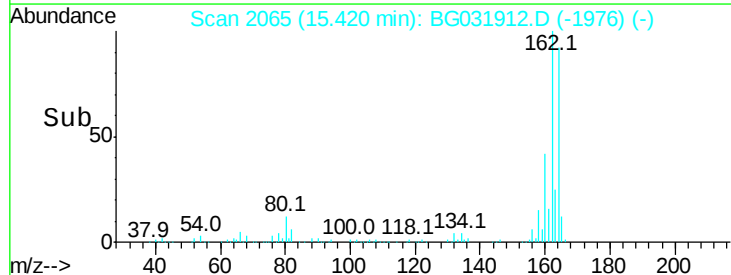
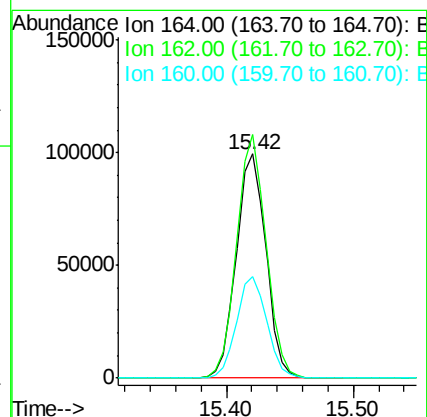
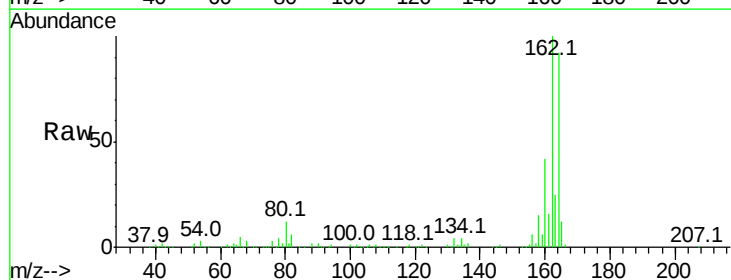
Instrument :
BNA_G
ClientSampleId :

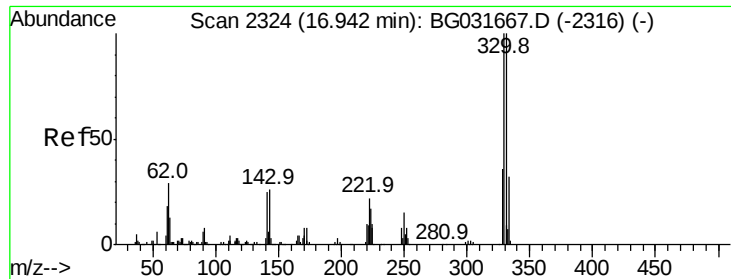
Tot Ion:127 Resp: 34514
Ion Ratio Lower Upper
127 100
129 78.3 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

Tgt Ion:164 Resp: 160002
Ion Ratio Lower Upper
164 100
162 108.6 78.8 118.2
160 45.4 35.4 53.0

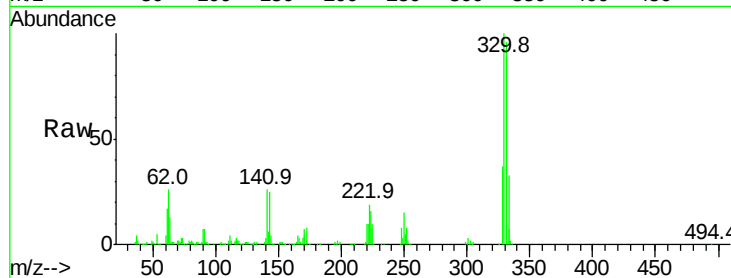




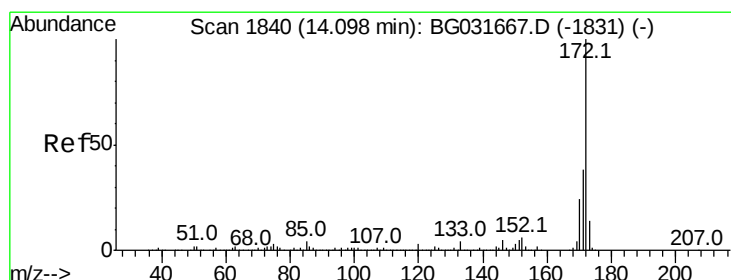
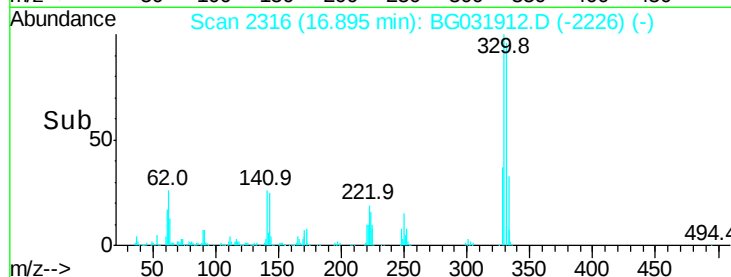
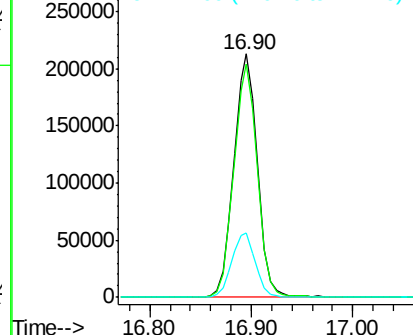
#41
2,4,6-Tribromophenol
Concen: 140.163 ng
RT: 16.90 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:330 Resp: 342195
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 26.6 25.2 37.8

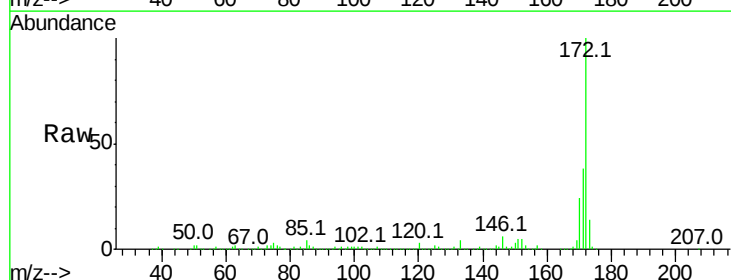


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

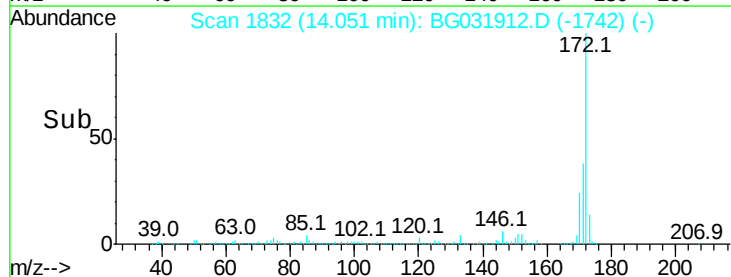
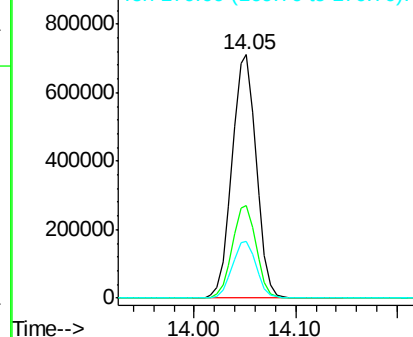


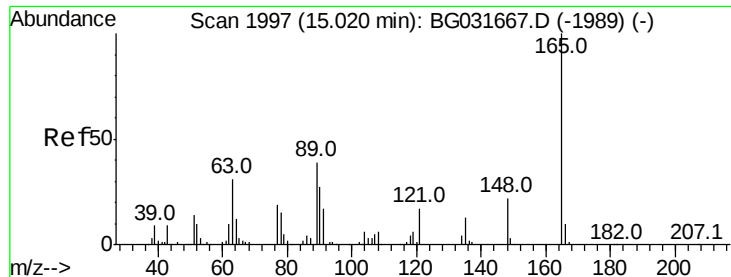
#44
2-Fluorobiphenyl
Concen: 92.293 ng
RT: 14.05 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

Tgt Ion:172 Resp: 1176532
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 23.6 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

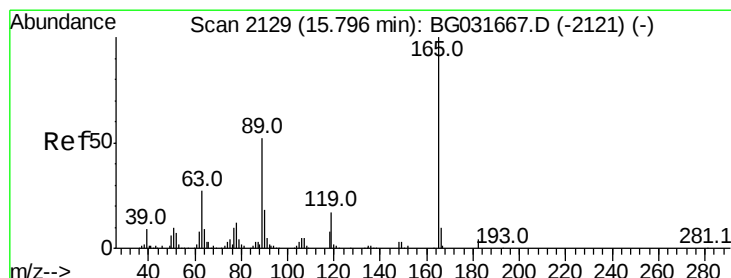
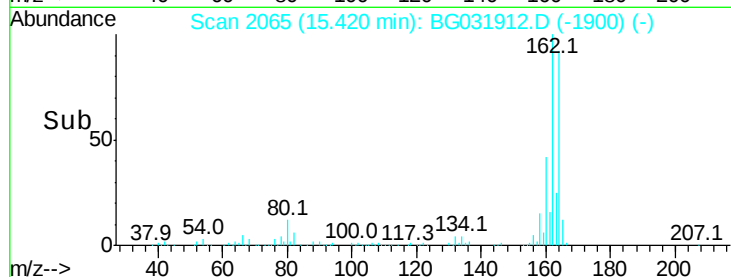
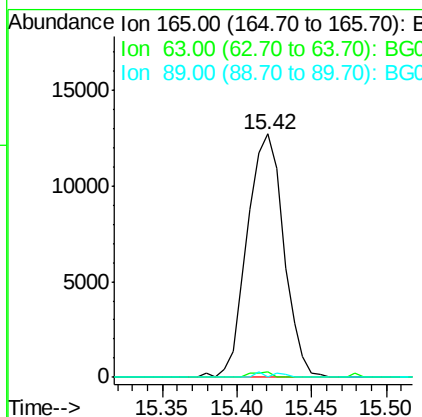
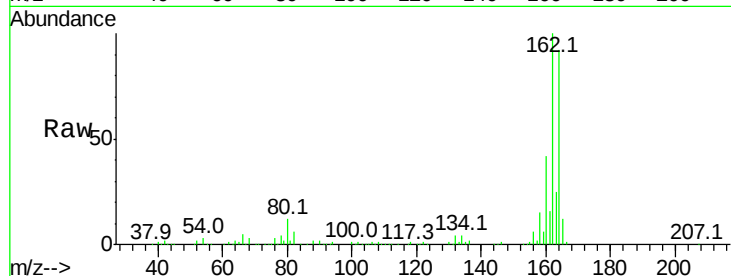




#50
2,6-Dinitrotoluene
Concen: 8.289 ng
RT: 15.42 min Scan# 2065
Delta R.T. 0.44 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

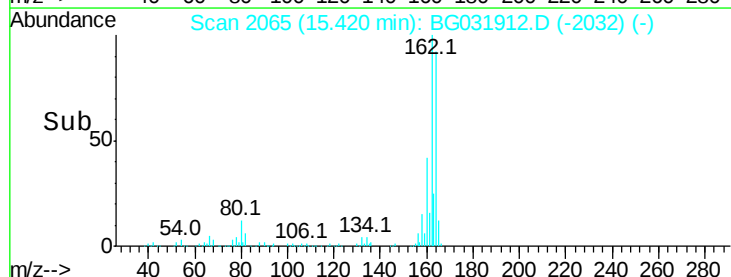
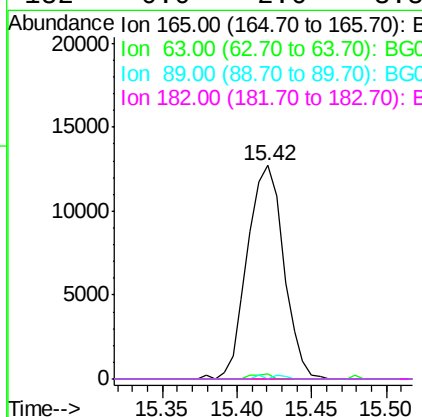
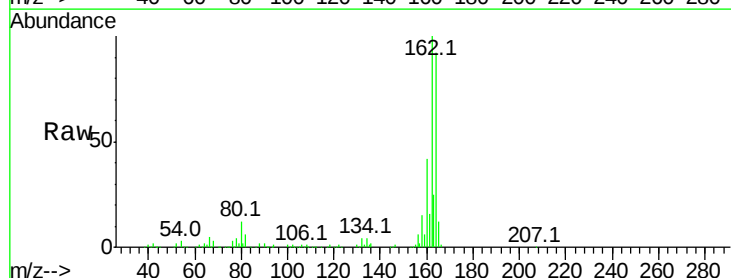
Instrument :
BNA_G
ClientSampleId :

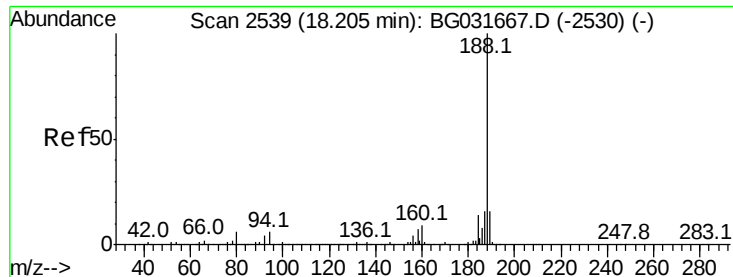
Tot Ion:165 Resp: 21494
Ion Ratio Lower Upper
165 100
63 2.3 52.7 79.1#
89 0.0 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 6.446 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.33 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

Tgt Ion:165 Resp: 21494
Ion Ratio Lower Upper
165 100
63 2.3 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: 18.15 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

Instrument :

BNA_G

ClientSampleId :

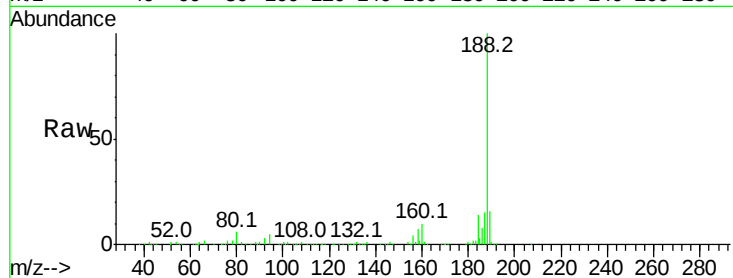
Tot Ion:188 Resp: 401606

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

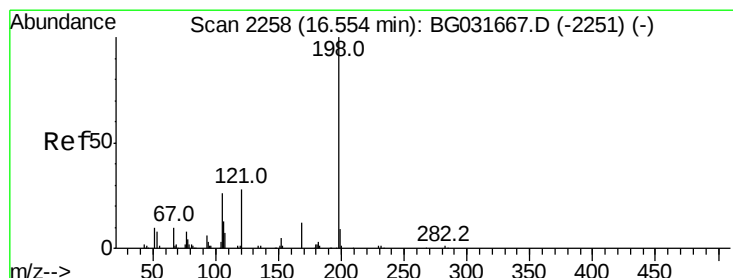
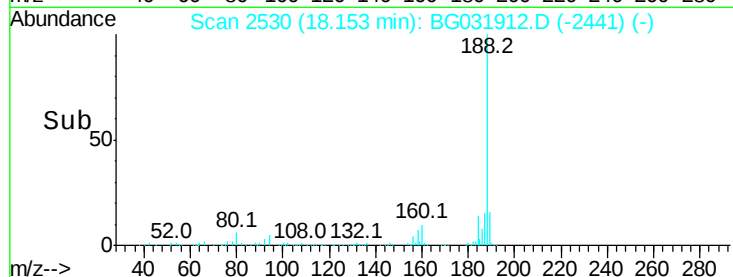
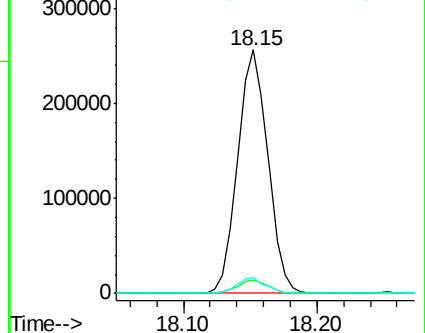
80 6.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 8.633 ng

RT: 16.90 min Scan# 2316

Delta R.T. 0.38 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

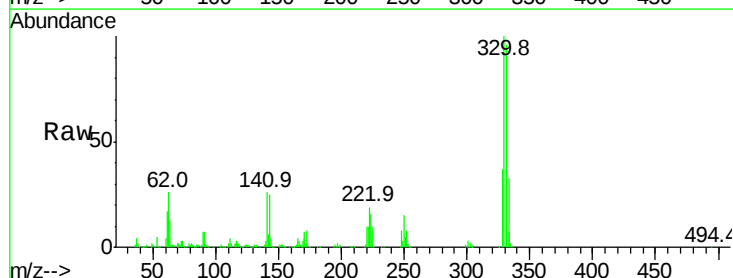
Tgt Ion:198 Resp: 773

Ion Ratio Lower Upper

198 100

51 132.6 30.6 70.6#

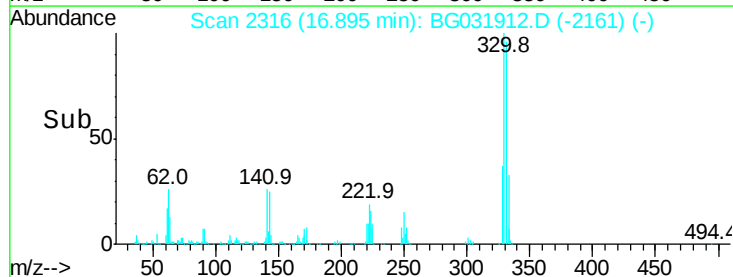
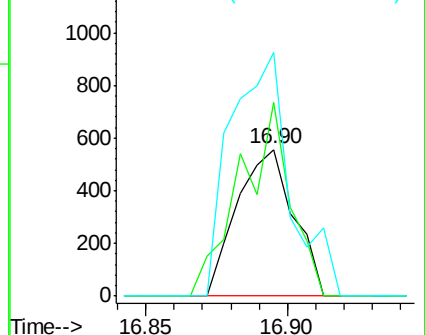
105 166.4 23.8 63.8#

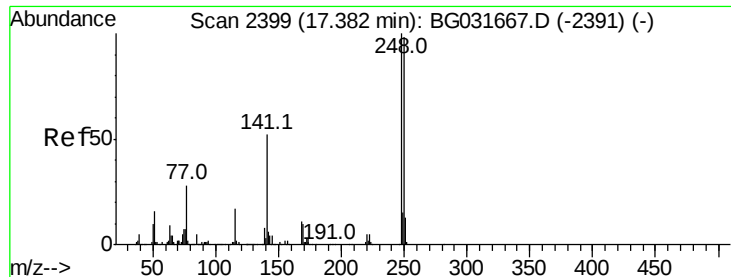


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

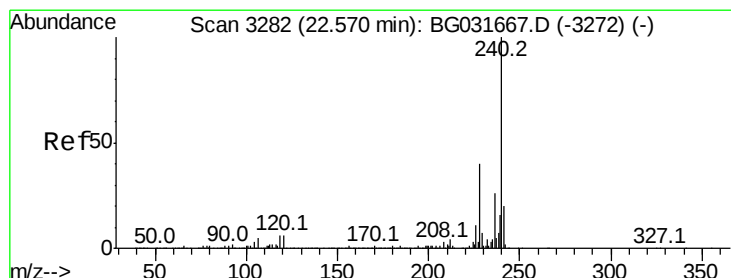
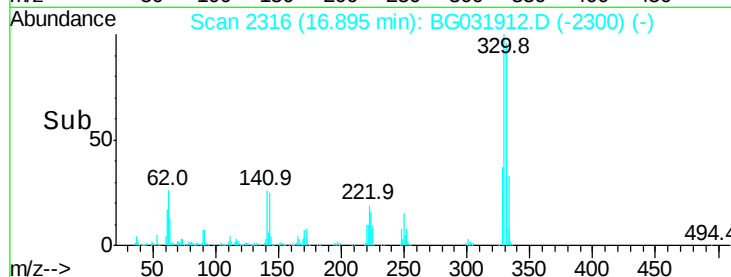
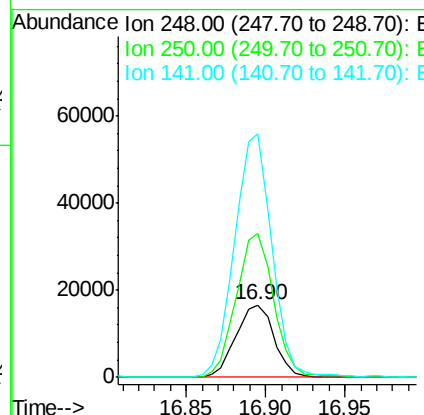
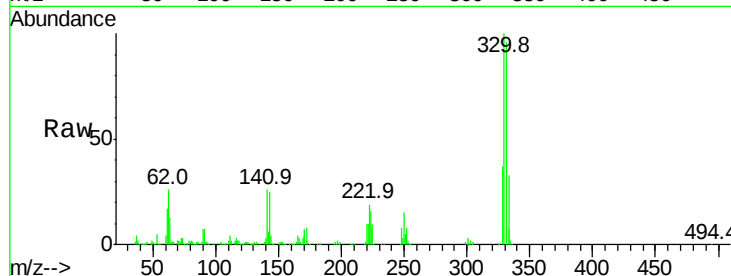




#66
 4-Bromophenyl-phenylether
 Concen: 4.798 ng
 RT: 16.90 min Scan# 2316
 Delta R.T. -0.43 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

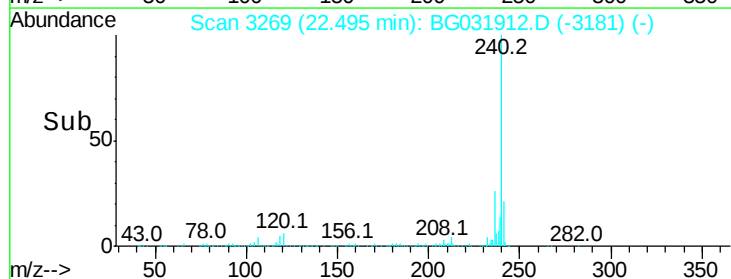
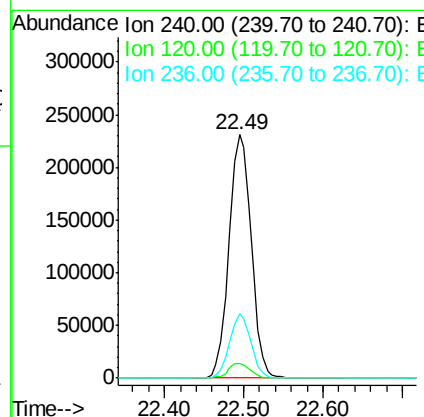
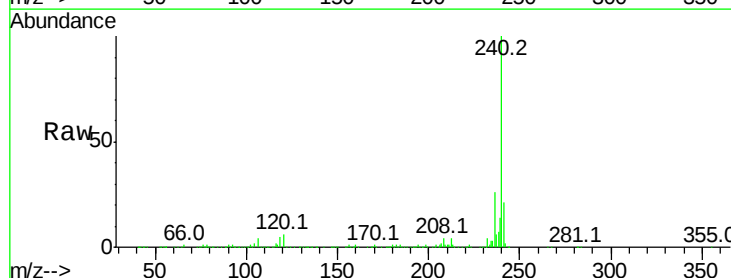
Instrument :
 BNA_G
 ClientSampleId :

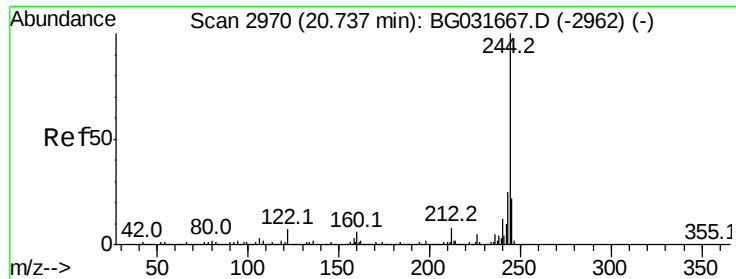
Tot Ion:248 Resp: 27863
 Ion Ratio Lower Upper
 248 100
 250 197.7 77.1 115.7#
 141 336.0 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3269
 Delta R.T. -0.01 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

Tgt Ion:240 Resp: 447437
 Ion Ratio Lower Upper
 240 100
 120 6.1 6.8 10.2#
 236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 98.972 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

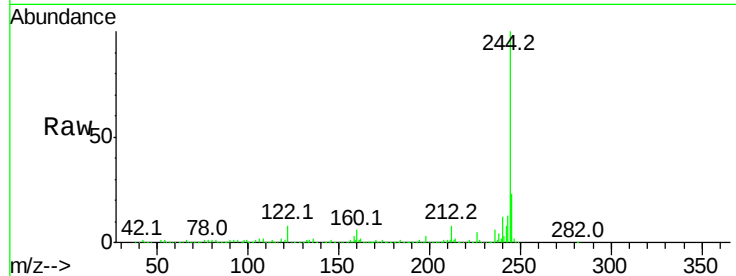
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1938321

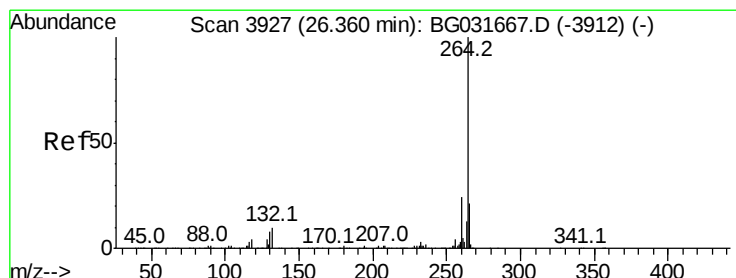
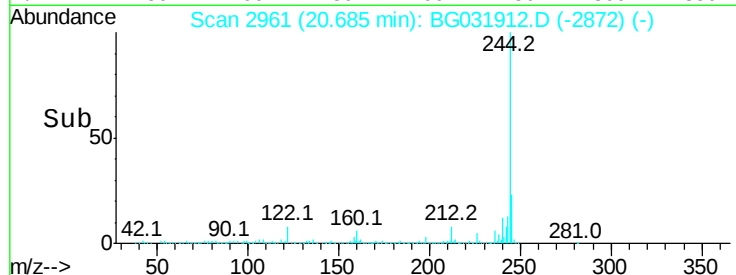
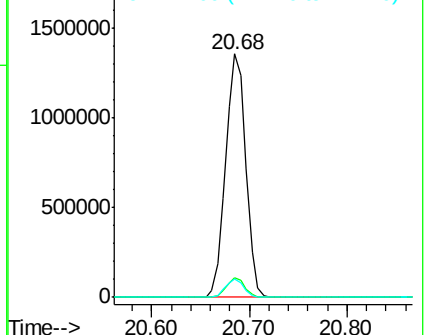
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	7.6	7.0	10.4



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: 26.24 min Scan# 3906

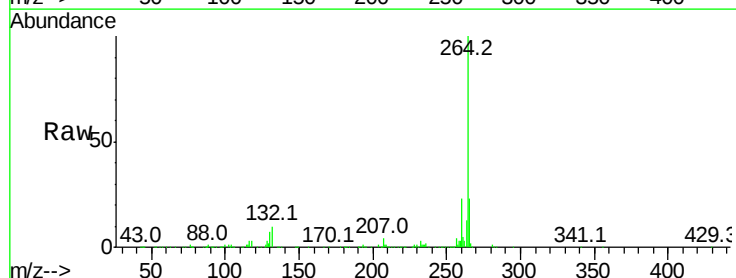
Delta R.T. -0.02 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

Tgt Ion:264 Resp: 466502

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	22.8	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

