

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033011.D
 Acq On : 6 Mar 2018 5:53
 Operator : SJ/JU
 Sample : J1699-76
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 06:57:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

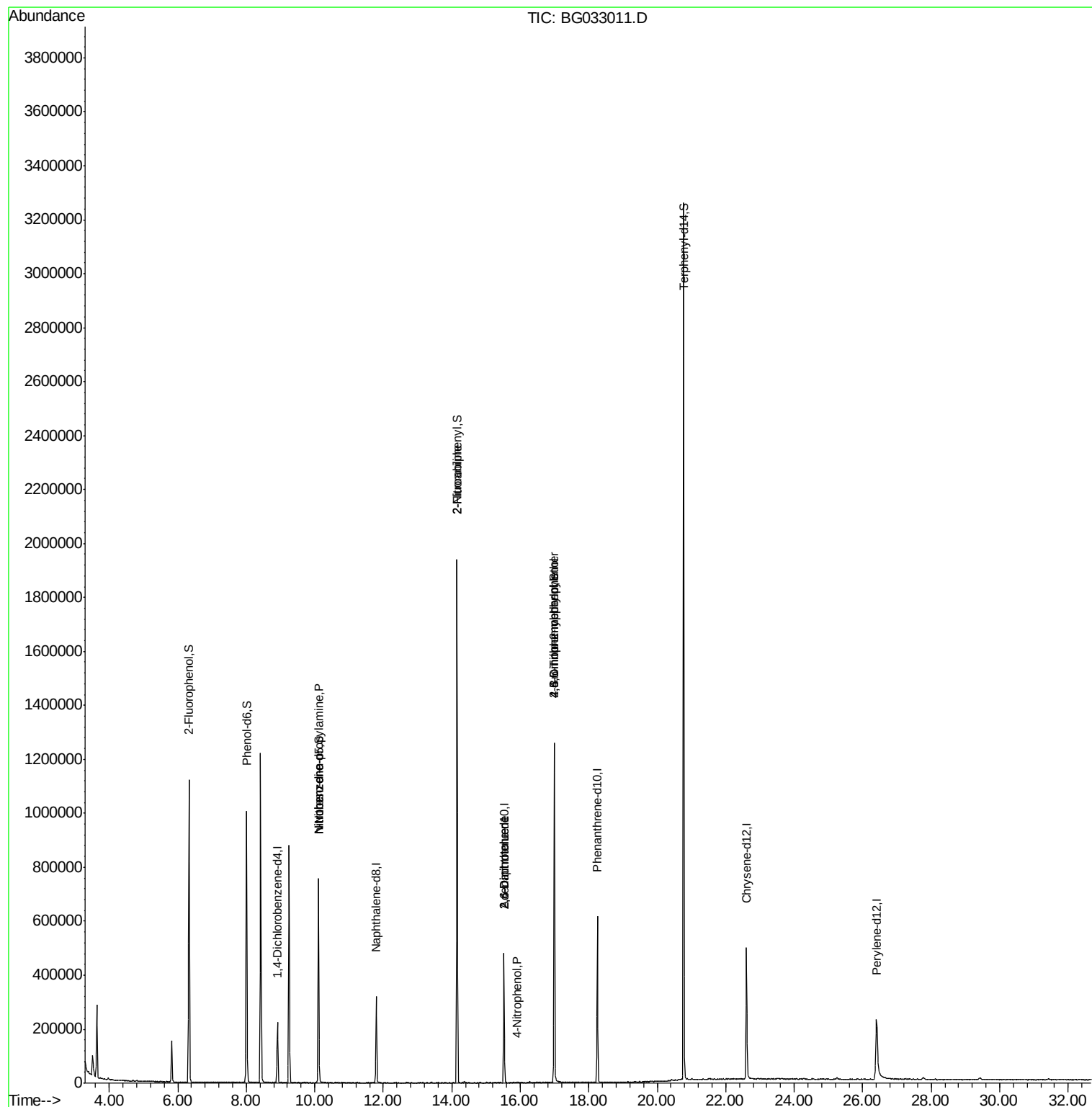
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	65572	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	288871	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	163170	20.00	ng	-0.01
63) Phenanthrene-d10	18.25	188	368423	20.00	ng	-0.01
75) Chrysene-d12	22.60	240	341277	20.00	ng	-0.02
86) Perylene-d12	26.41	264	329621	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	520470	126.99	ng	0.00
7) Phenol-d6	8.01	99	631516	110.54	ng	0.00
23) Nitrobenzene-d5	10.11	82	472516	110.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.99	330	215764	125.76	ng	-0.01
44) 2-Fluorobiphenyl	14.16	172	986316	87.18	ng	-0.01
78) Terphenyl-d14	20.77	244	1448387	95.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	63201	15.670	ng	# 83
24) Nitrobenzene	10.11	77	1350	6.634	ng	# 42
47) 2-Nitroaniline	14.15	65	2066	10.447	ng	# 17
50) 2,6-Dinitrotoluene	15.52	165	20592	16.213	ng	# 19
55) 4-Nitrophenol	15.92	139	312	7.206	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	20592	14.410	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.99	198	722	5.781	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	15638	4.014	ng	# 1

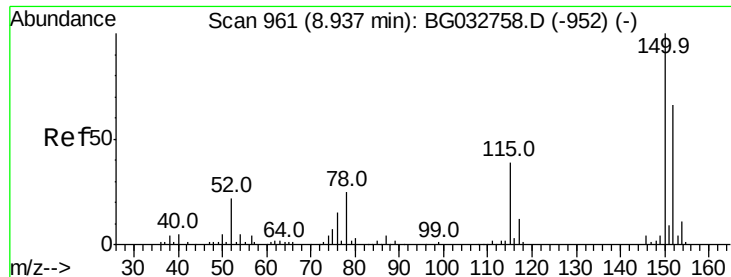
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG033011.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 06 06:57:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



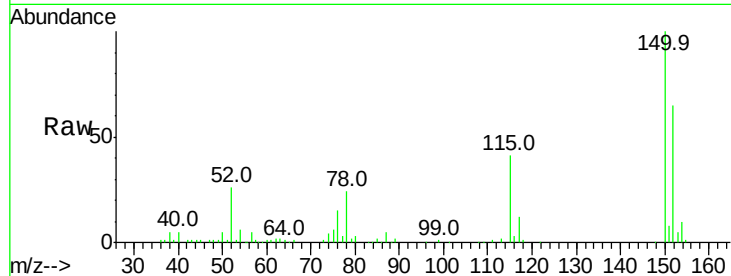


#1

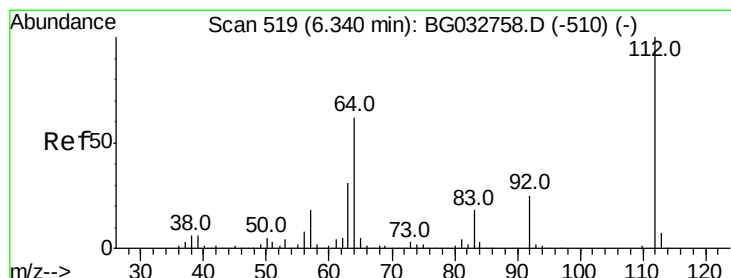
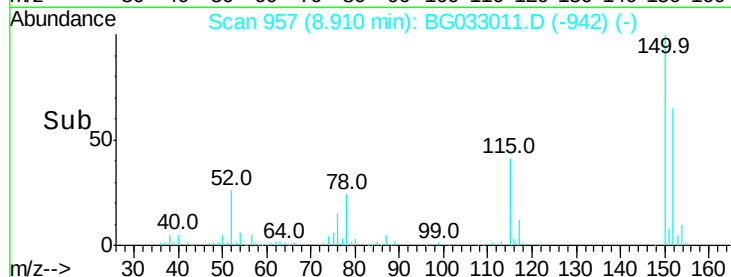
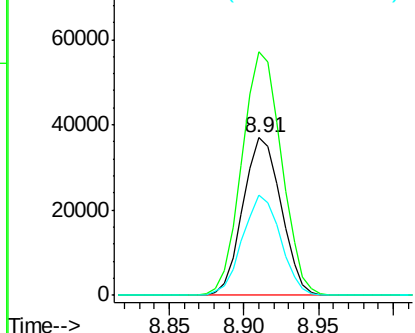
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65572
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 63.7 53.0 79.4



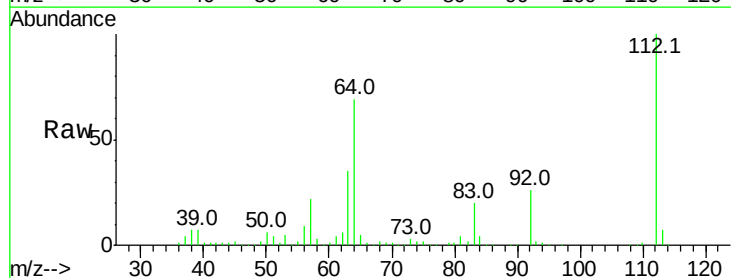
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



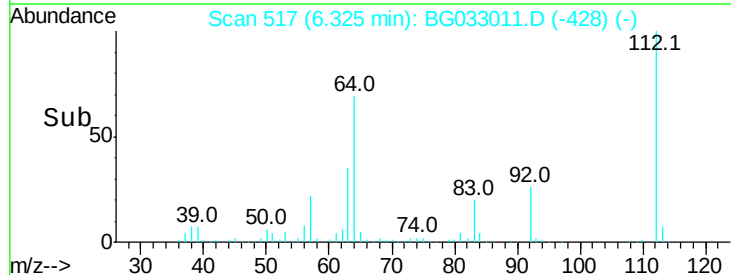
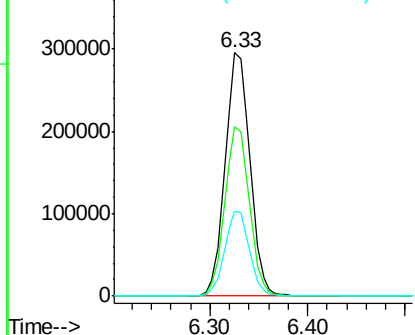
#5

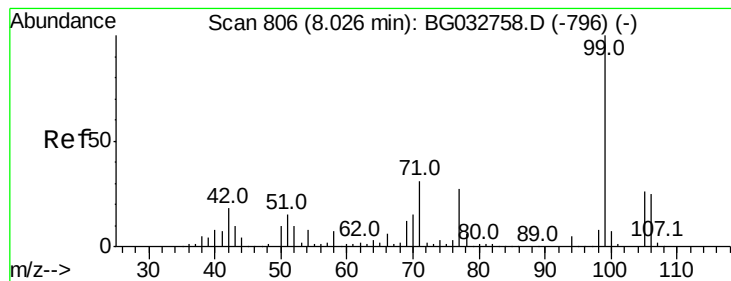
2-Fluorophenol
Concen: 126.987 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

Tgt Ion:112 Resp: 520470
Ion Ratio Lower Upper
112 100
64 69.4 56.3 84.5
63 34.7 30.1 45.1



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





#7

Phenol-d6

Concen: 110.542 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG033011.D

Acq: 6 Mar 2018 5:53

Instrument :

BNA_G

ClientSampleId :

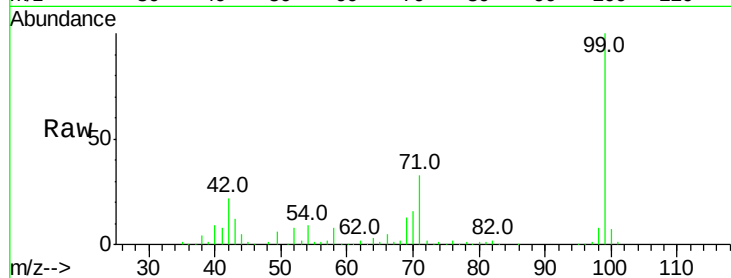
Tot Ion: 99 Resp: 631516

Ion Ratio Lower Upper

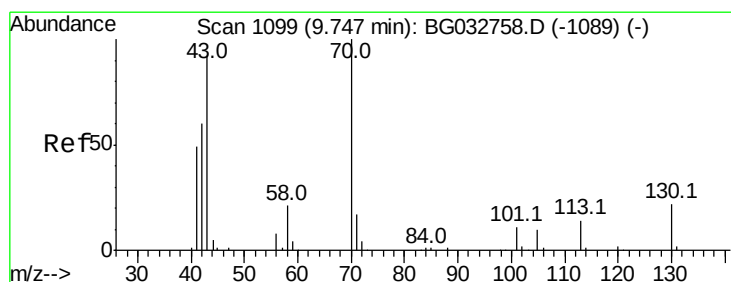
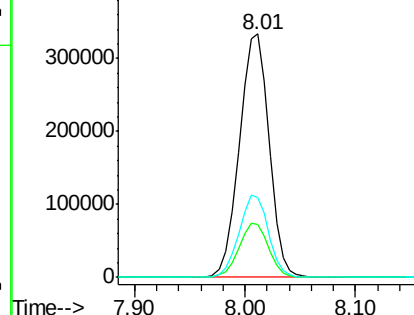
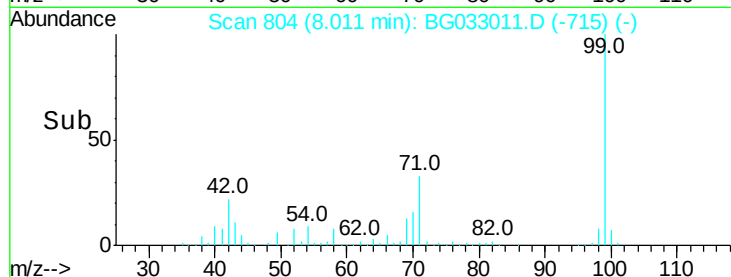
99 100

42 21.5 14.1 21.1#

71 32.7 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: 15.670 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG033011.D

Acq: 6 Mar 2018 5:53

Tgt Ion: 70 Resp: 63201

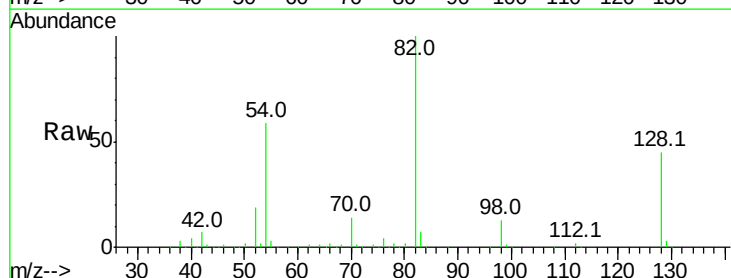
Ion Ratio Lower Upper

70 100

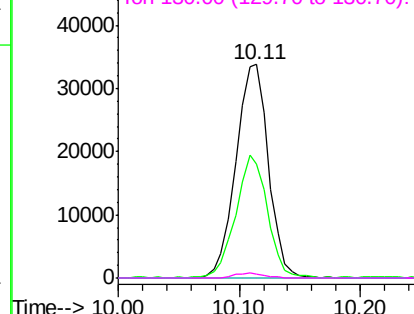
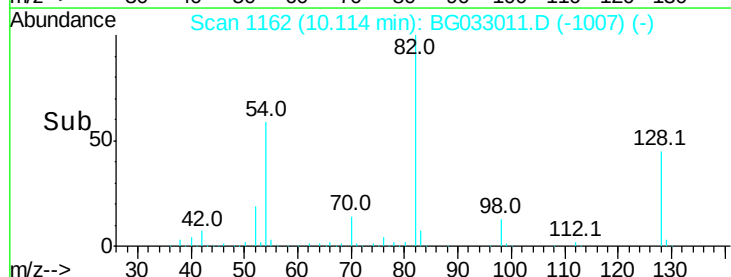
42 53.5 49.1 73.7

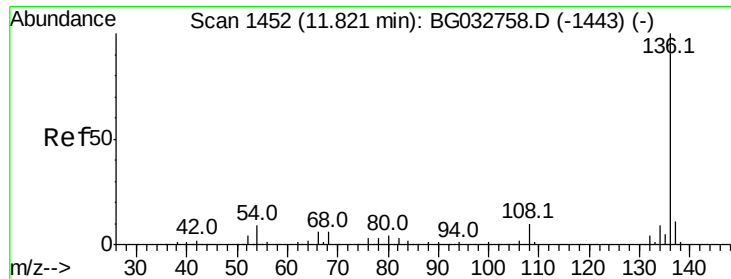
101 0.0 8.5 12.7#

130 2.0 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

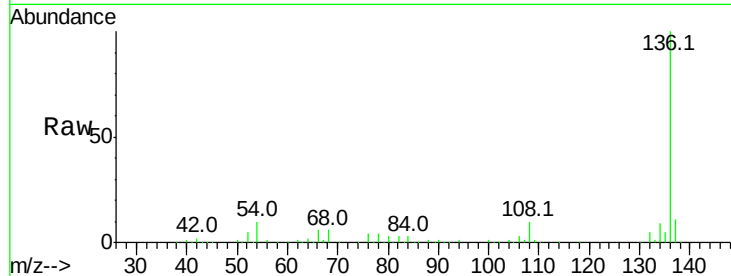




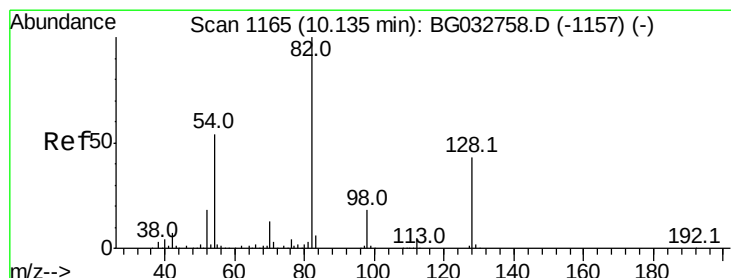
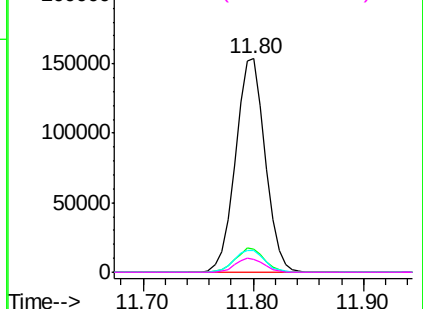
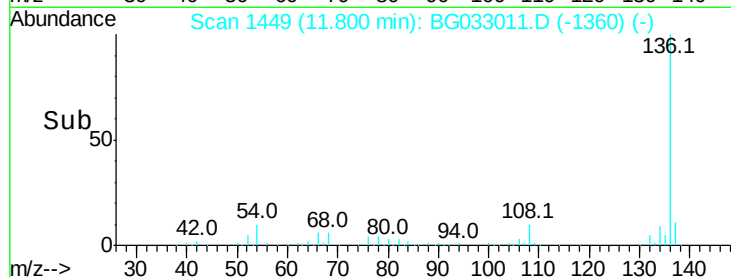
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	288871
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	10.2	10.3	15.5#
68	6.1	4.5	6.7

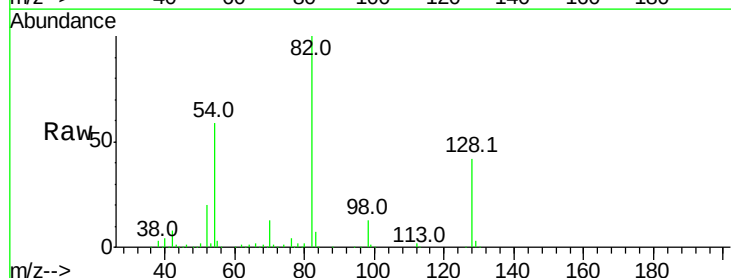


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

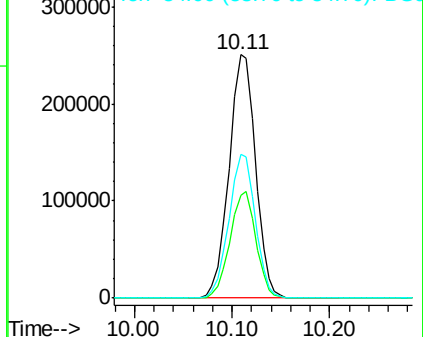
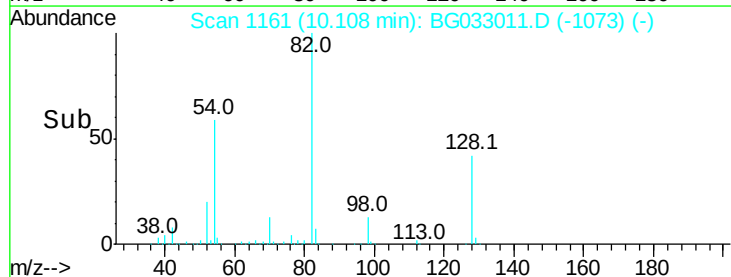


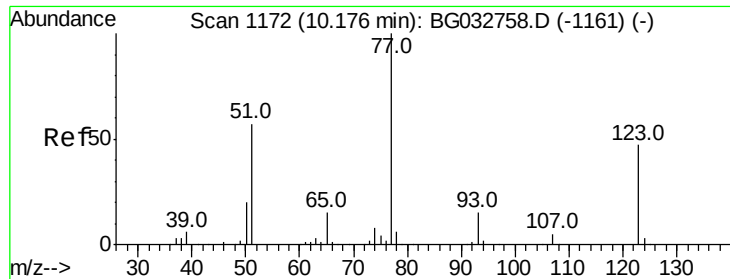
#23
Nitrobenzene-d5
Concen: 110.187 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

Tgt Ion:	82	Resp:	472516
Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.7	44.5
54	59.0	43.1	64.7



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





#24

Nitrobenzene

Concen: 6.634 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BG033011.D

Acq: 6 Mar 2018 5:53

Instrument :

BNA_G

ClientSampleId :

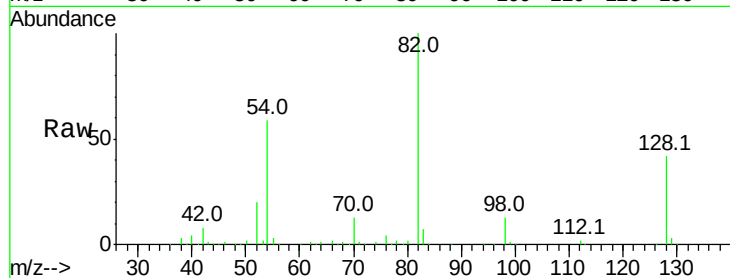
Tot Ion: 77 Resp: 1350

Ion Ratio Lower Upper

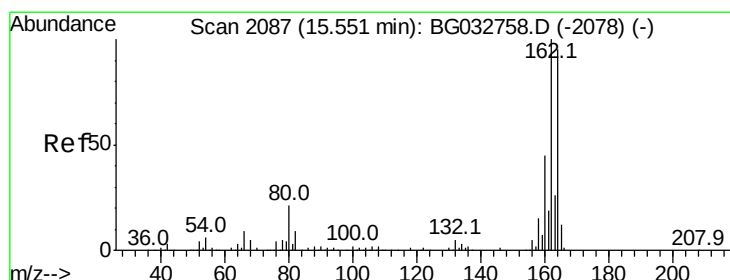
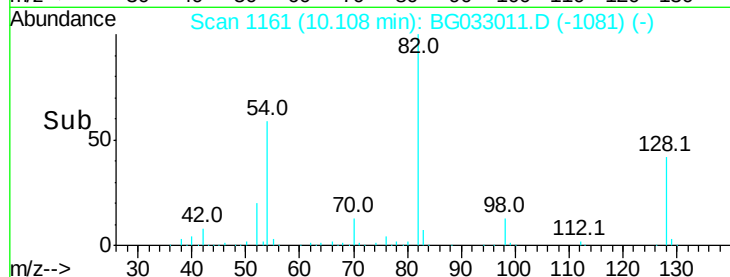
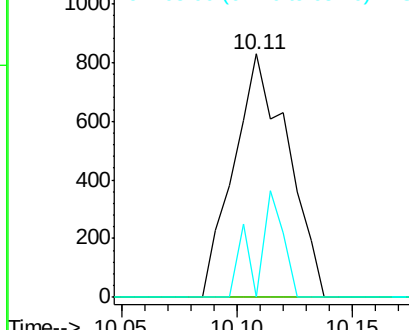
77 100

123 0.0 33.0 49.6#

65 0.0 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033011.D

Acq: 6 Mar 2018 5:53

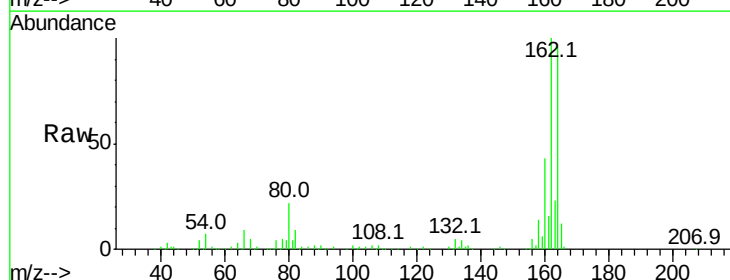
Tgt Ion:164 Resp: 163170

Ion Ratio Lower Upper

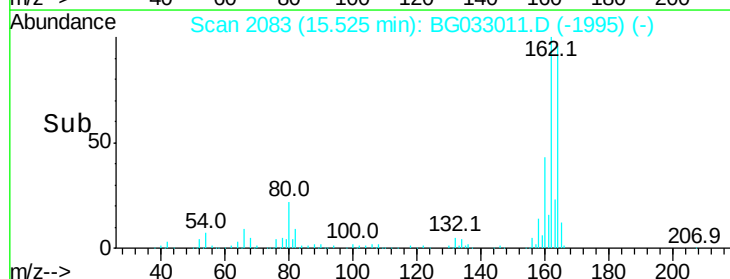
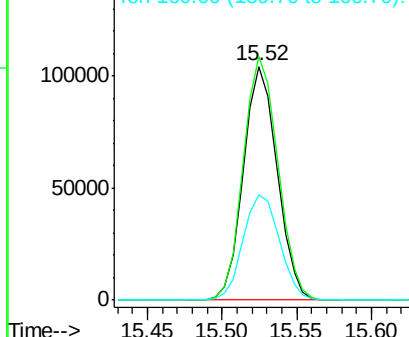
164 100

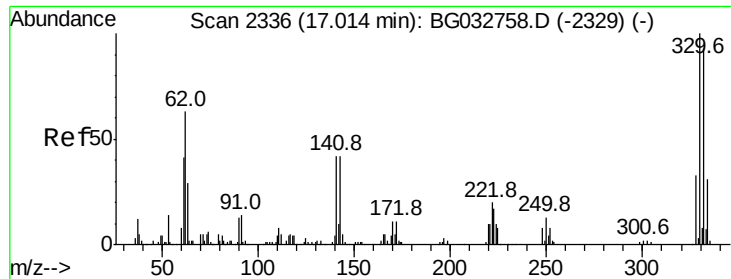
162 104.0 78.8 118.2

160 45.1 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

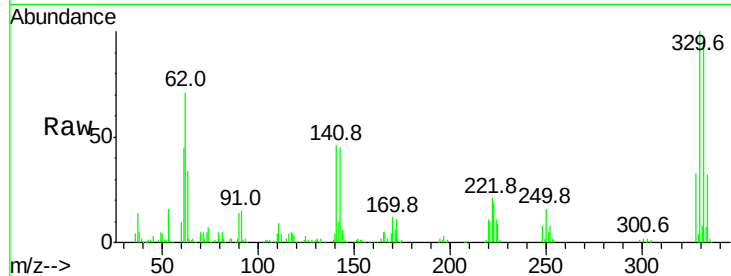




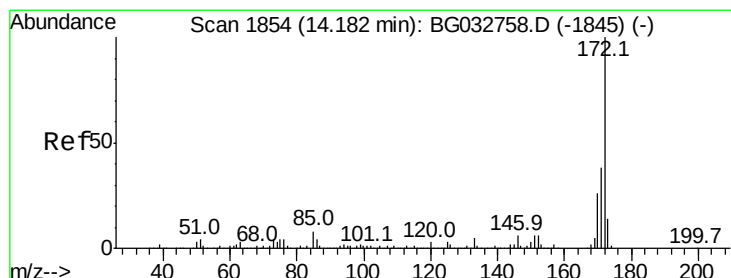
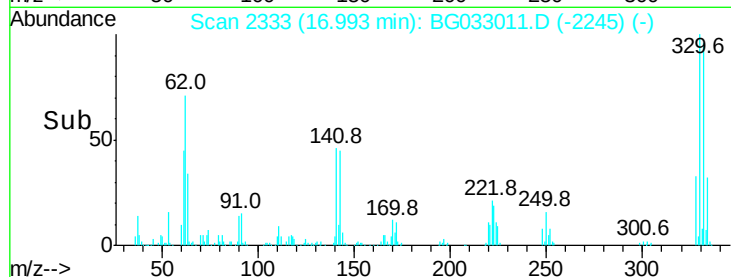
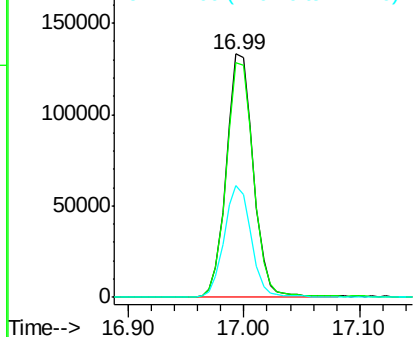
#41
 2,4,6-Tribromophenol
 Concen: 125.760 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BG033011.D
 Acq: 6 Mar 2018 5:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 215764
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 46.2 25.2 37.8#

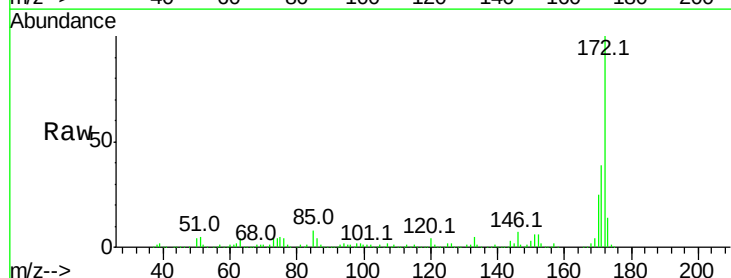


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

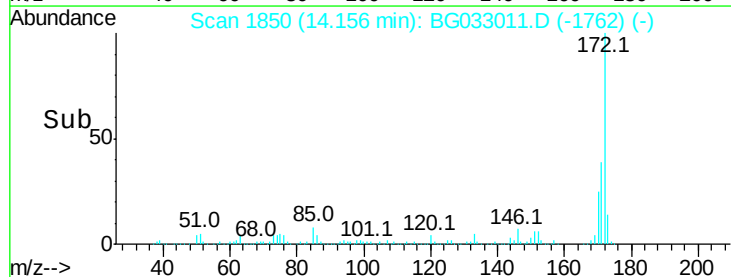
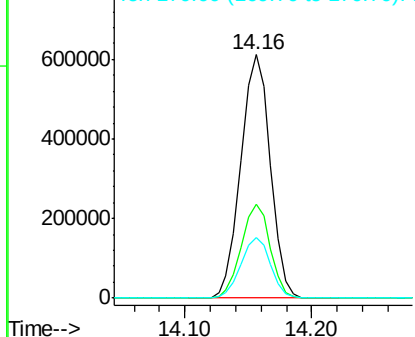


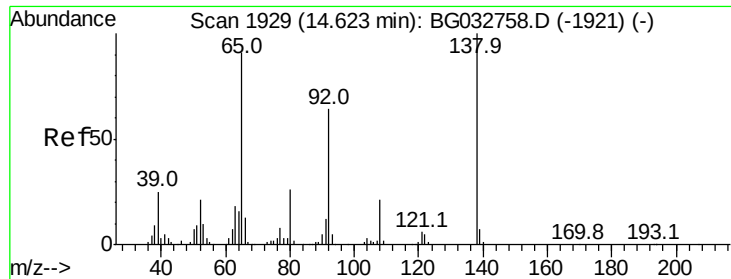
#44
 2-Fluorobiphenyl
 Concen: 87.180 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033011.D
 Acq: 6 Mar 2018 5:53

Tgt Ion:172 Resp: 986316
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 24.9 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

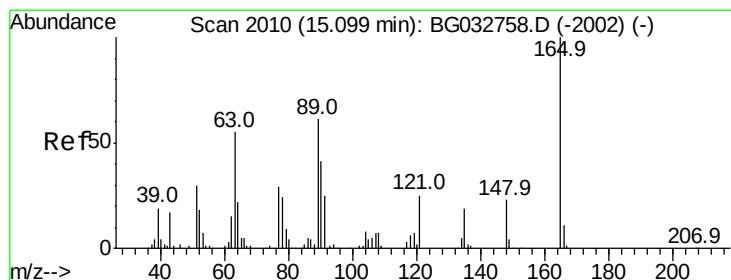
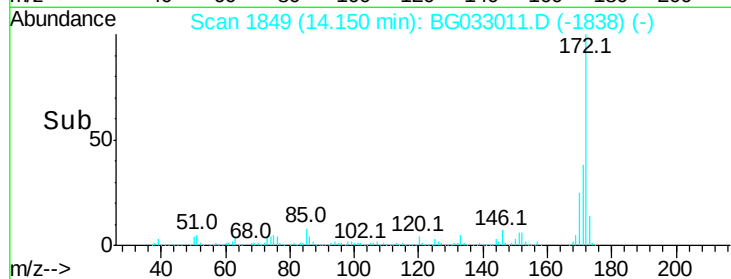
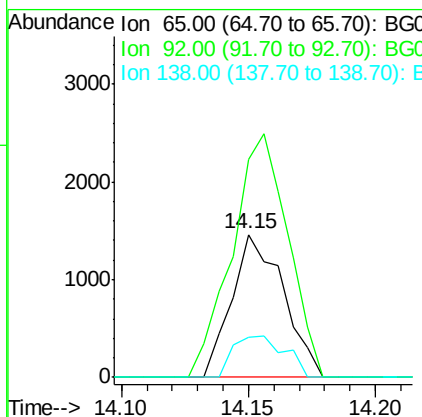
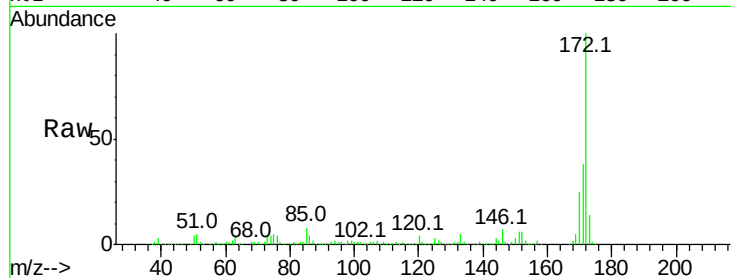




#47
2-Nitroaniline
Concen: 10.447 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.46 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

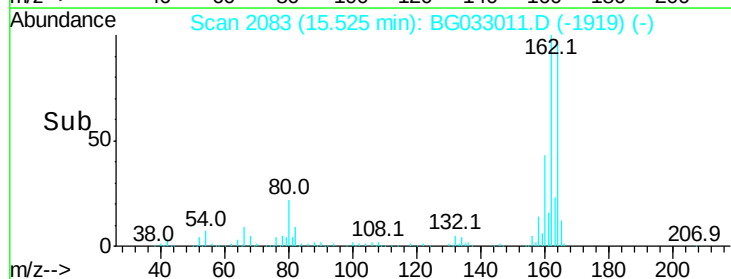
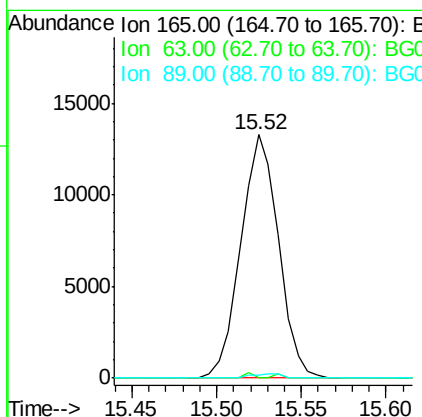
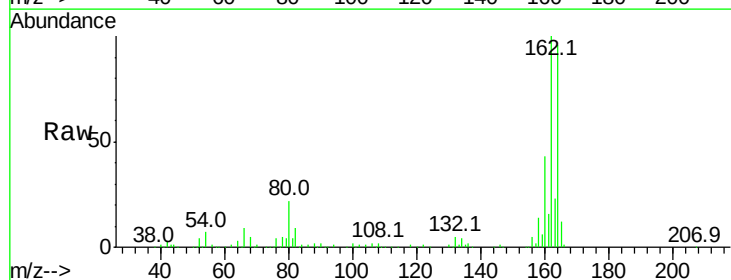
Instrument :
BNA_G
ClientSampleId :

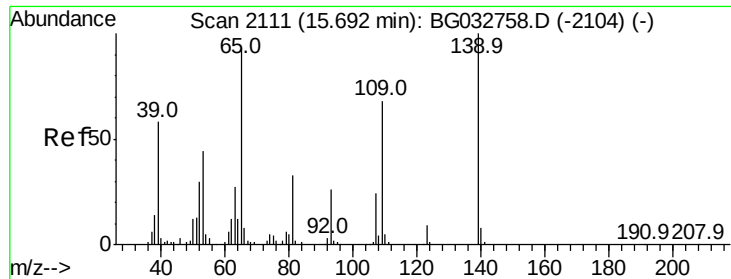
Tot Ion: 65 Resp: 2066
Ion Ratio Lower Upper
65 100
92 153.1 54.6 82.0#
138 28.4 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.213 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

Tgt Ion:165 Resp: 20592
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.5 49.2 73.8#

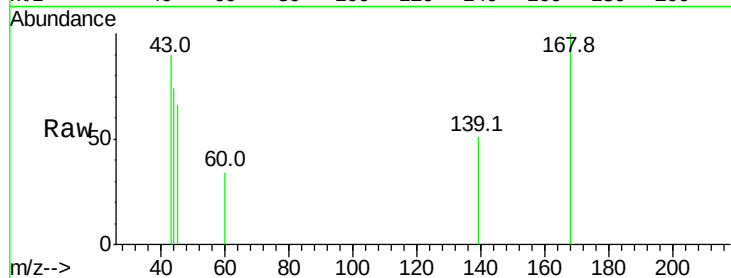




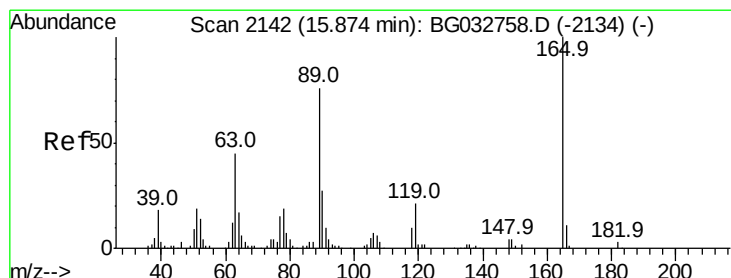
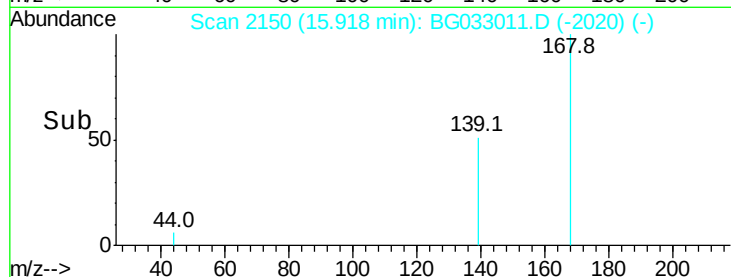
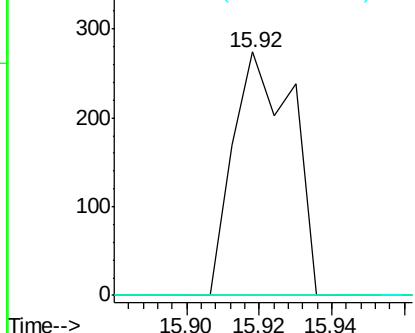
#55
4-Nitrophenol
Concen: 7.206 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.24 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 312
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

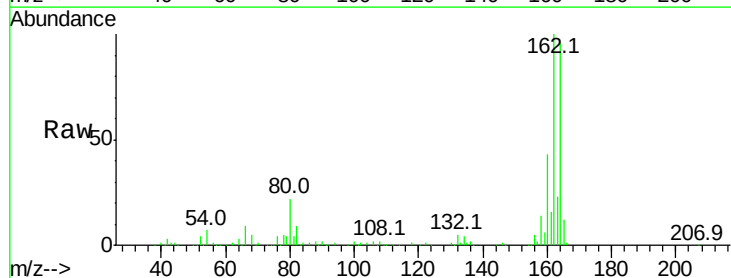


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

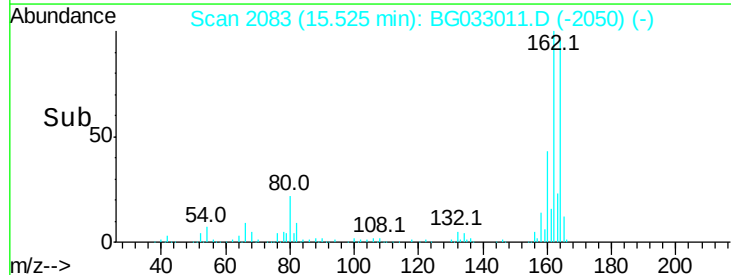
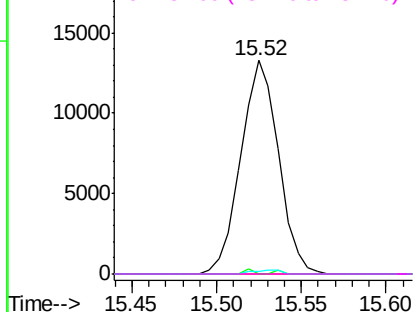


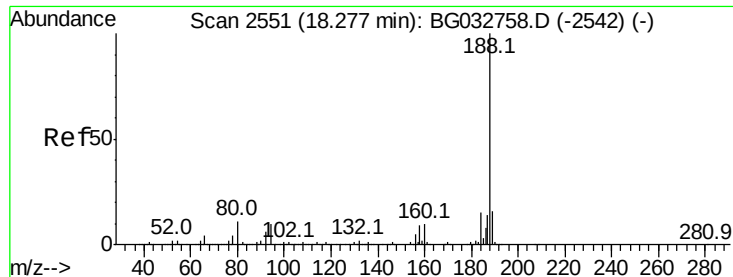
#56
2,4-Dinitrotoluene
Concen: 14.410 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

Tgt Ion:165 Resp: 20592
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.5 66.9 100.3#
182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E

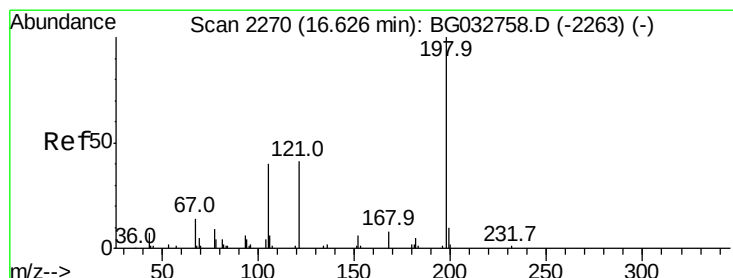
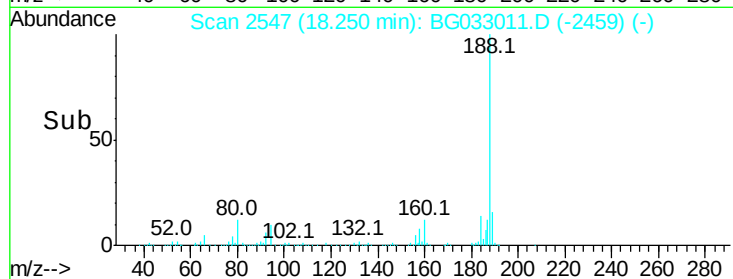
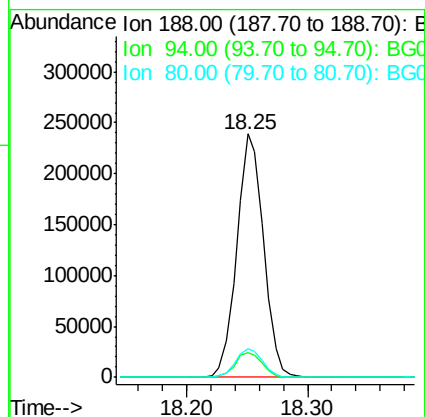
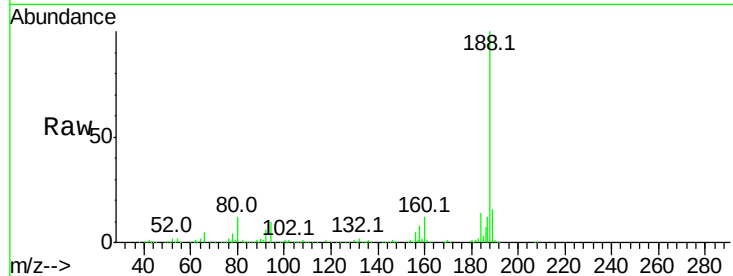




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

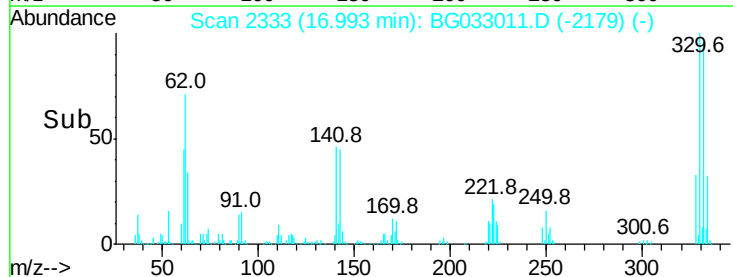
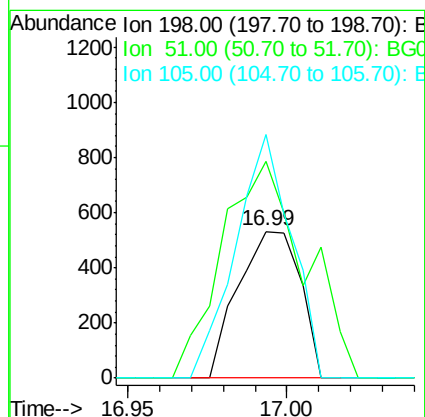
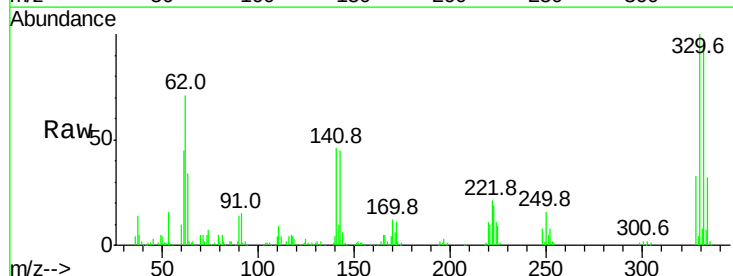
Instrument :
BNA_G
ClientSampleId :

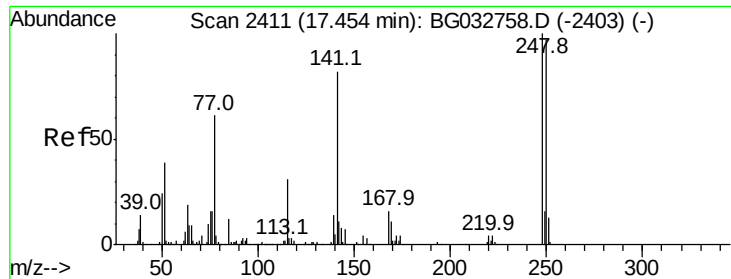
Tot Ion:188 Resp: 368423
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.781 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033011.D
Acq: 6 Mar 2018 5:53

Tgt Ion:198 Resp: 722
Ion Ratio Lower Upper
198 100
51 147.9 30.6 70.6#
105 166.0 23.8 63.8#

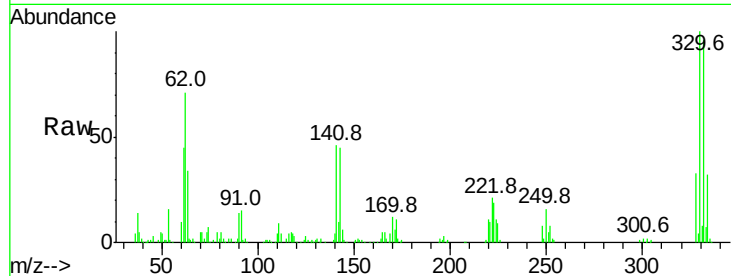




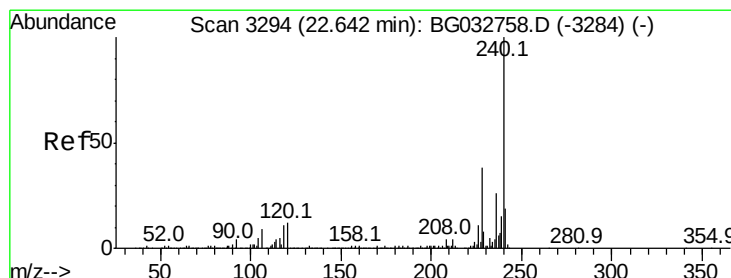
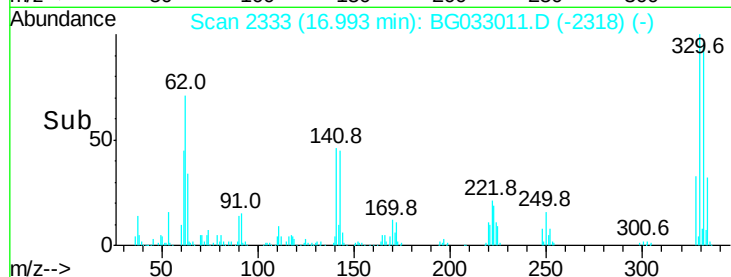
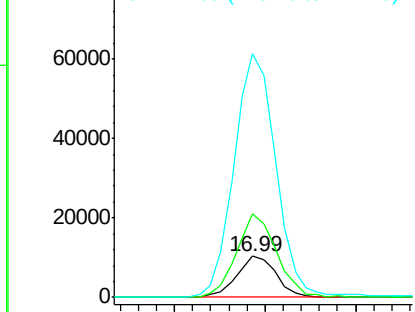
#66
 4-Bromophenyl-phenylether
 Concen: 4.014 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.44 min
 Lab File: BG033011.D
 Acq: 6 Mar 2018 5:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15638
 Ion Ratio Lower Upper
 248 100
 250 202.1 77.1 115.7#
 141 592.9 50.8 76.2#

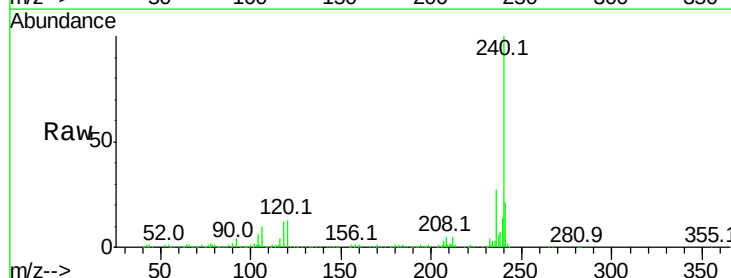


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

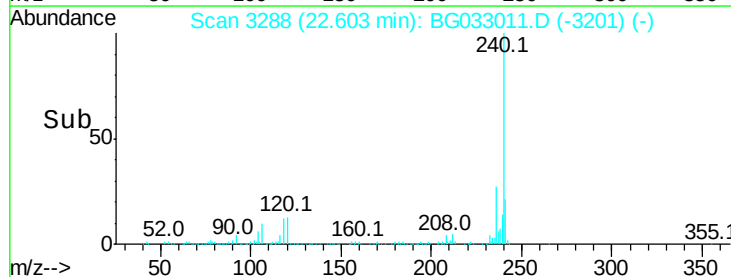
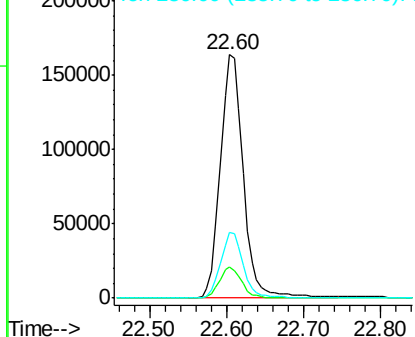


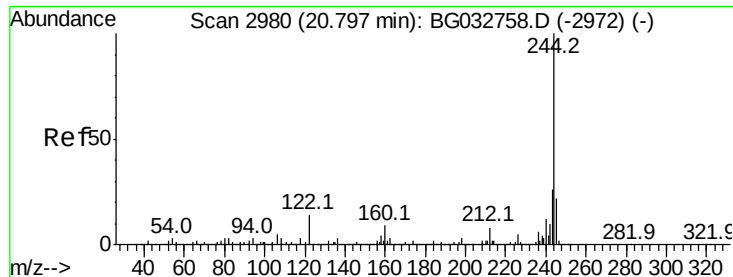
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3288
 Delta R.T. -0.02 min
 Lab File: BG033011.D
 Acq: 6 Mar 2018 5:53

Tgt Ion:240 Resp: 341277
 Ion Ratio Lower Upper
 240 100
 120 13.0 6.8 10.2#
 236 26.8 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





#78

Terphenyl-d14

Concen: 95.352 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG033011.D

Acq: 6 Mar 2018 5:53

Instrument :

BNA_G

ClientSampleId :

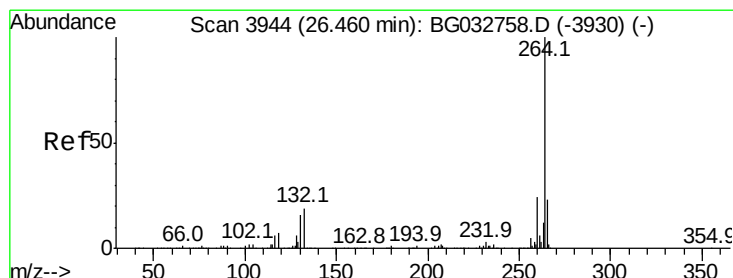
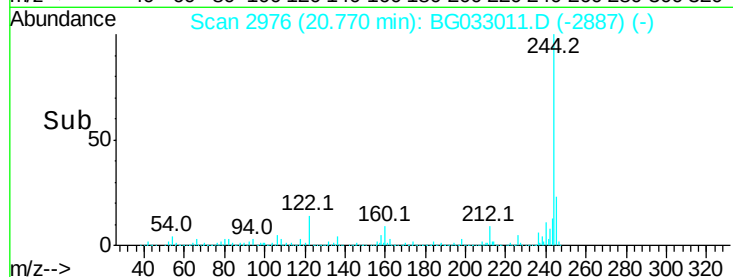
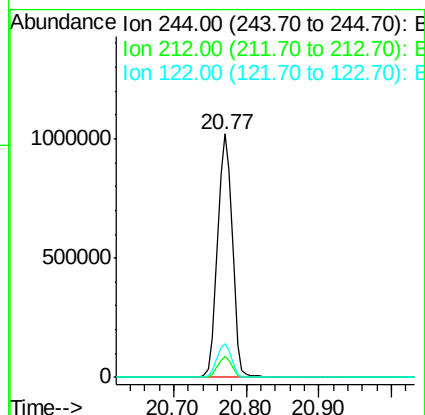
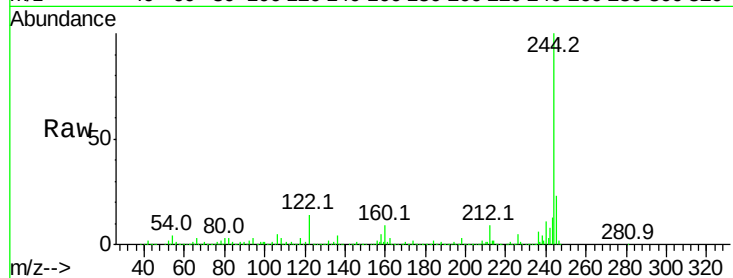
Tot Ion:244 Resp: 1448387

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 14.1 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. -0.02 min

Lab File: BG033011.D

Acq: 6 Mar 2018 5:53

Tgt Ion:264 Resp: 329621

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 20.9 17.7 26.5

