

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032935.D
 Acq On : 2 Mar 2018 2:25
 Operator : SJ/JU
 Sample : PB106973TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 10:08:53 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

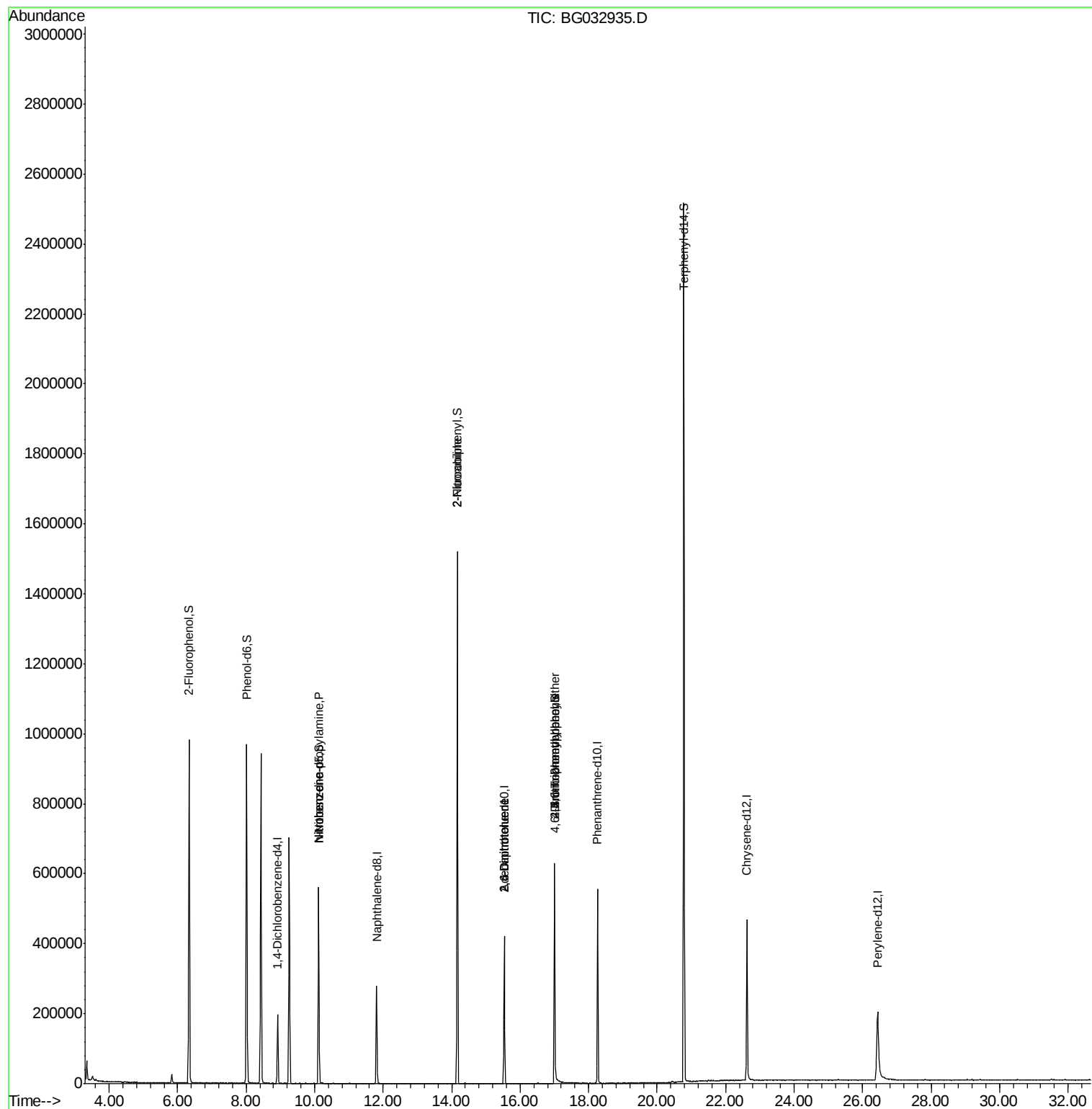
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	59189	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	257119	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	145056	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	334625	20.00	ng	0.00
75) Chrysene-d12	22.62	240	315493	20.00	ng	0.00
86) Perylene-d12	26.44	264	302929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	469754	126.97	ng	0.00
7) Phenol-d6	8.01	99	612396	118.76	ng	0.00
23) Nitrobenzene-d5	10.12	82	340370	91.06	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	113337	74.31	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	791146	78.66	ng	0.00
78) Terphenyl-d14	20.78	244	1161833	82.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	43674	11.996	ng	# 84
24) Nitrobenzene	10.12	77	1026	6.597	ng	# 39
47) 2-Nitroaniline	14.16	65	1507	10.337	ng	# 11
50) 2,6-Dinitrotoluene	15.53	165	18480	16.283	ng	# 20
56) 2,4-Dinitrotoluene	15.53	165	18480	14.480	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.01	198	204	5.208	ng	# 87
66) 4-Bromophenyl-phenylether	17.01	248	7764	2.194	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032935.D
Acq On : 2 Mar 2018 2:25
Operator : SJ/JU
Sample : PB106973TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 02 10:08:53 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



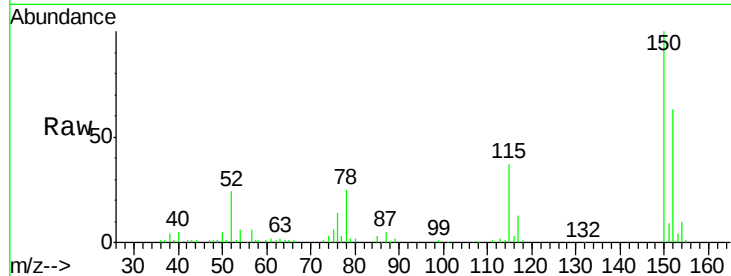


#1

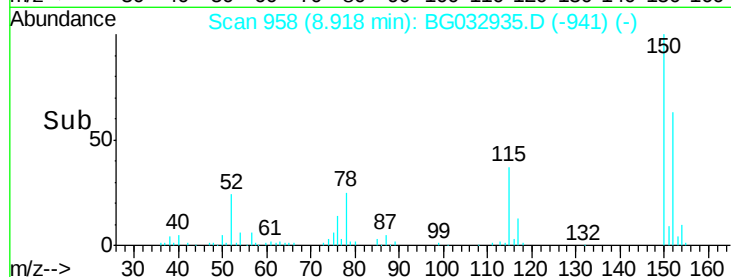
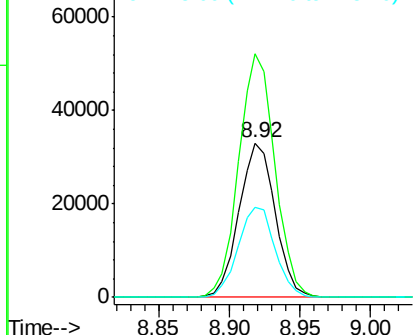
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032935.D
Acq: 2 Mar 2018 2:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59189
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 58.4 53.0 79.4



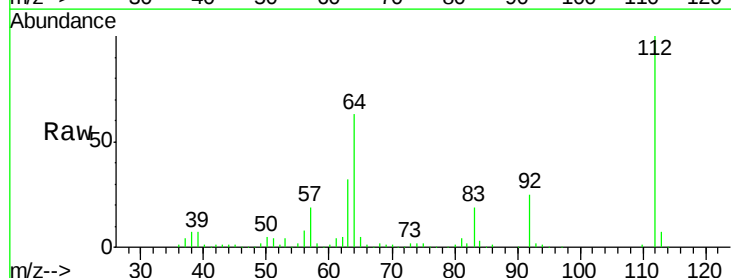
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



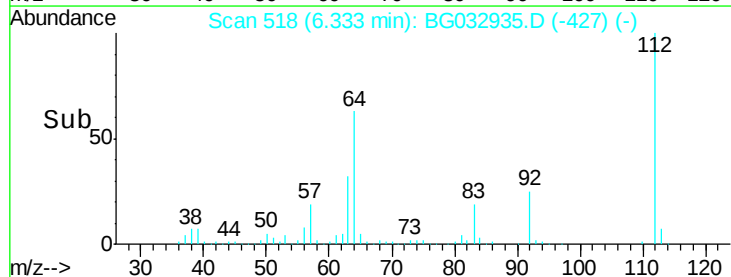
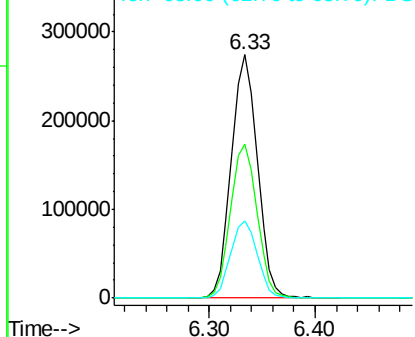
#5

2-Fluorophenol
Concen: 126.973 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032935.D
Acq: 2 Mar 2018 2:25

Tgt Ion:112 Resp: 469754
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 31.8 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: 118.755 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032935.D

Acq: 2 Mar 2018 2:25

Instrument :

BNA_G

ClientSampleId :

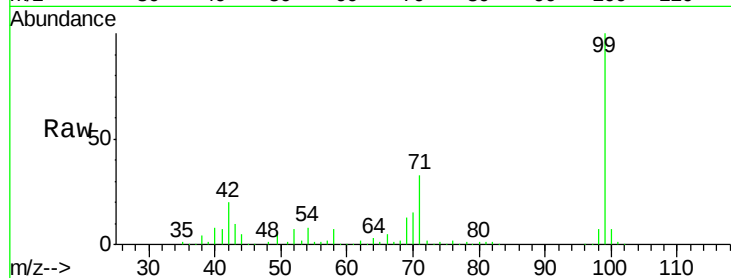
Tot Ion: 99 Resp: 612396

Ion Ratio Lower Upper

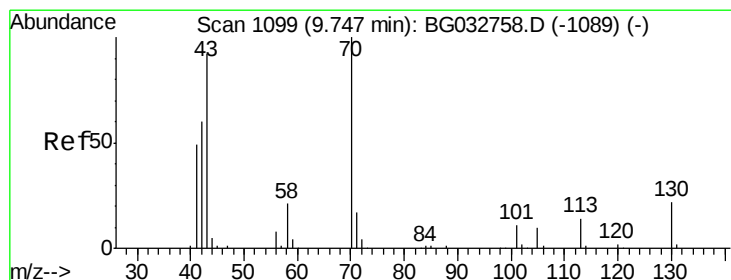
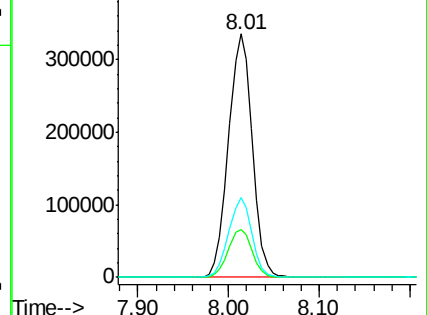
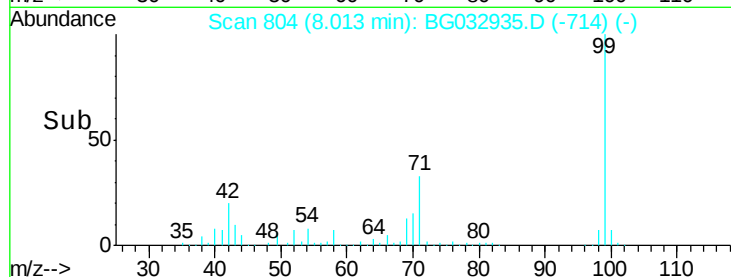
99 100

42 19.8 14.1 21.1

71 32.6 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: 11.996 ng

RT: 10.12 min Scan# 1162

Delta R.T. 0.39 min

Lab File: BG032935.D

Acq: 2 Mar 2018 2:25

Tgt Ion: 70 Resp: 43674

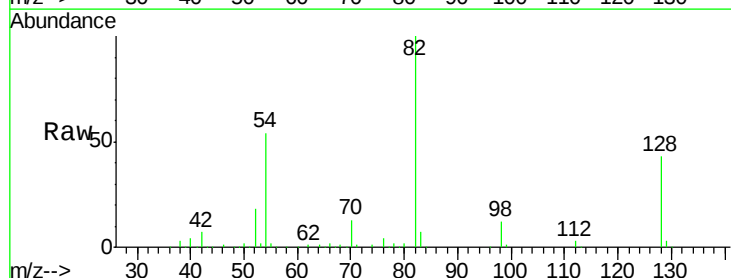
Ion Ratio Lower Upper

70 100

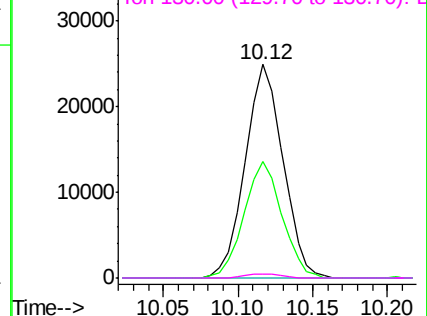
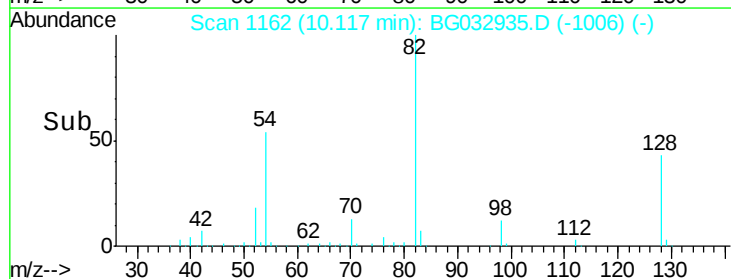
42 54.6 49.1 73.7

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

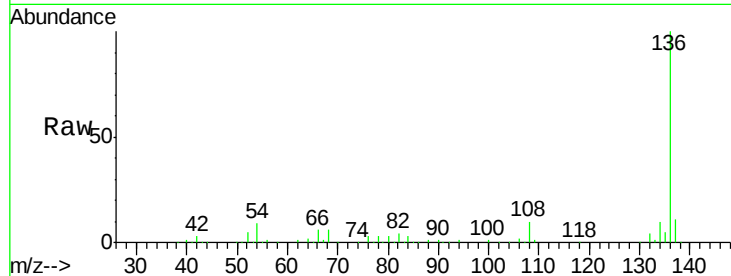




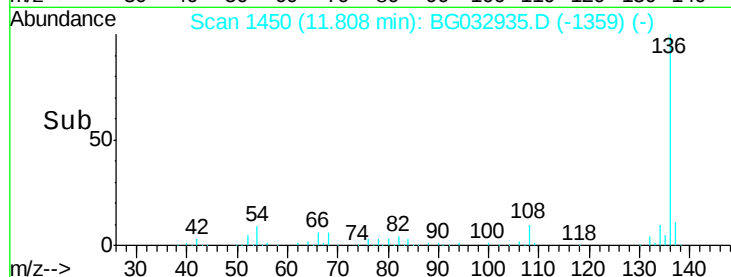
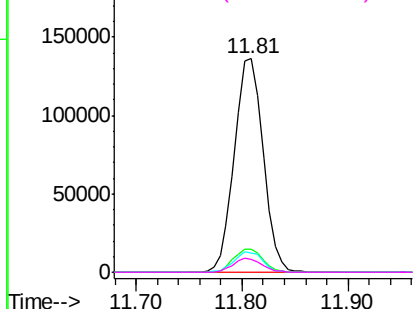
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032935.D
Acq: 2 Mar 2018 2:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	257119
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	9.3	10.3 15.5
68	6.1	4.5 6.7

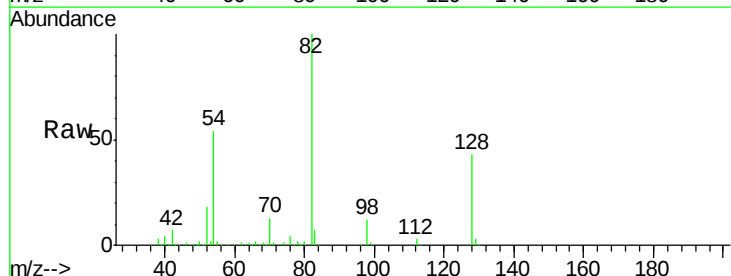


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

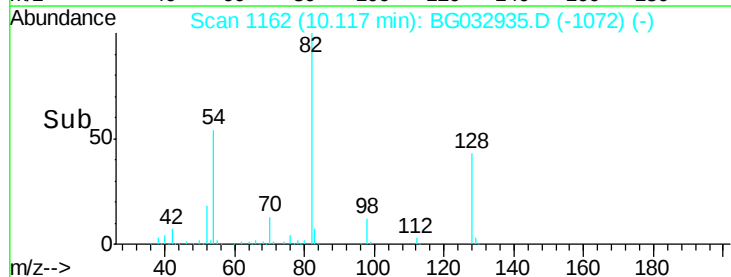
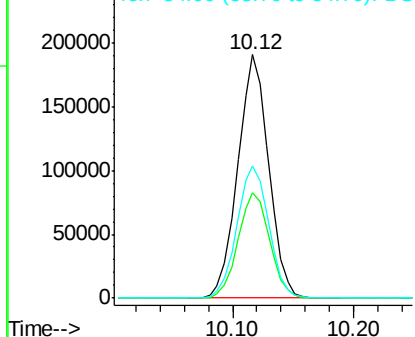


#23
Nitrobenzene-d5
Concen: 91.064 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032935.D
Acq: 2 Mar 2018 2:25

Tgt Ion: 82	Resp:	340370
Ion Ratio	Lower	Upper
82	100	
128	43.1	29.7 44.5
54	54.2	43.1 64.7



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





#24

Nitrobenzene

Concen: 6.597 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BG032935.D

Acq: 2 Mar 2018 2:25

Instrument :

BNA_G

ClientSampled :

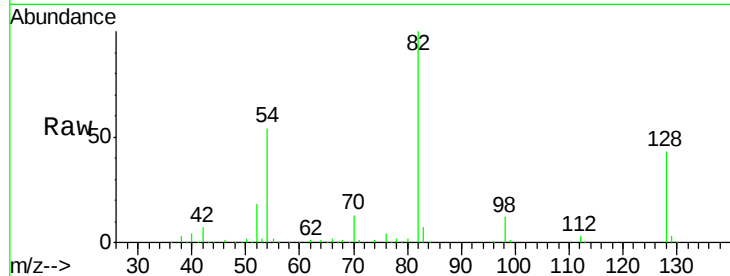
Tot Ion: 77 Resp: 1026

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

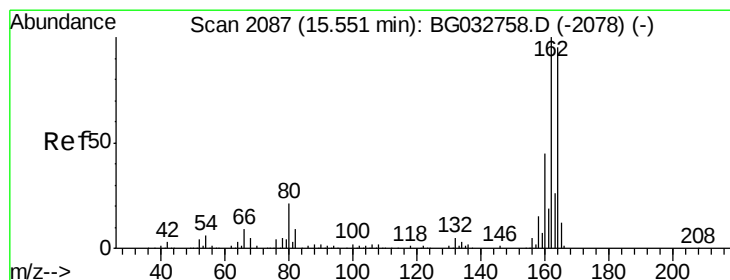
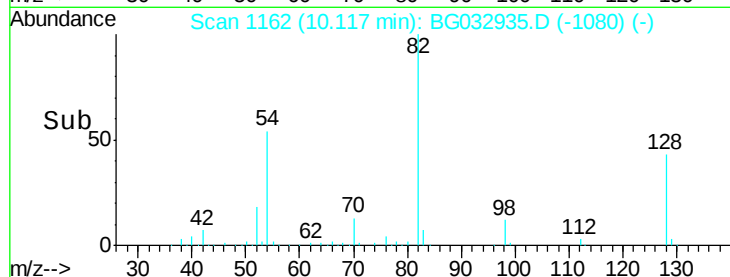
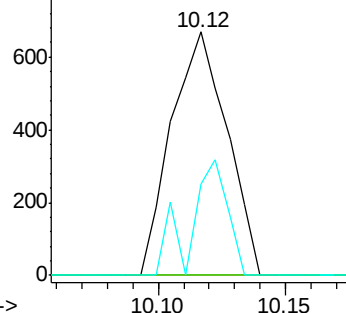
65 37.4 13.0 19.6#



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: 15.53 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG032935.D

Acq: 2 Mar 2018 2:25

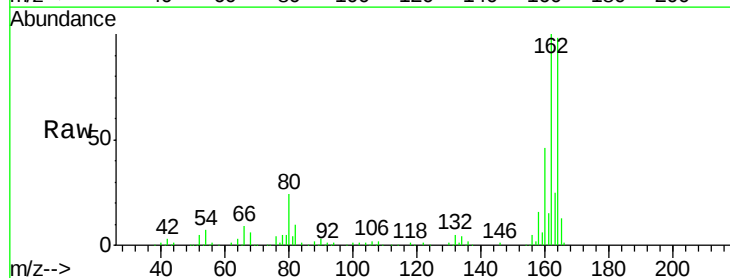
Tgt Ion:164 Resp: 145056

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

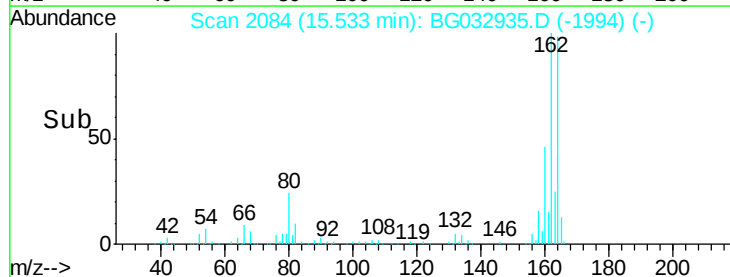
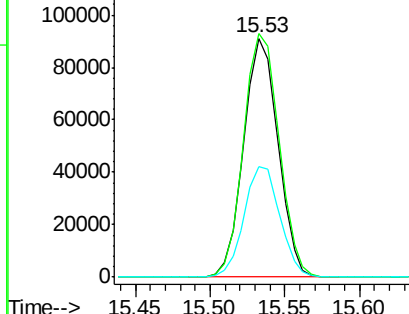
160 46.4 35.4 53.0

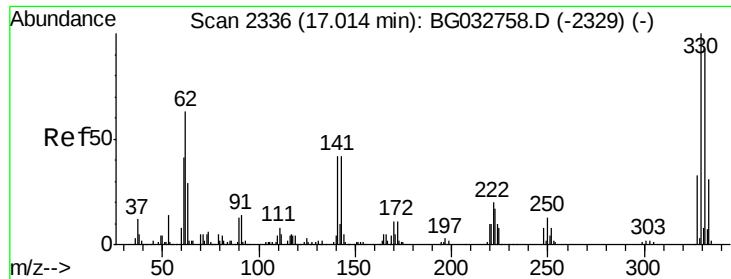


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

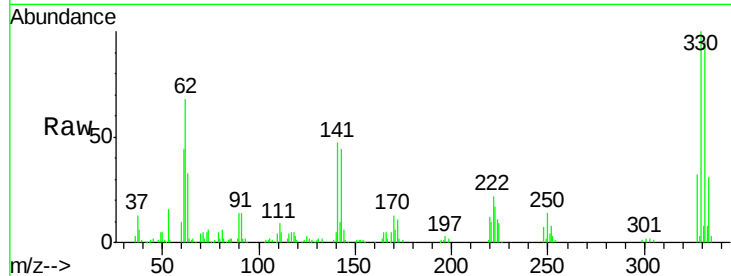




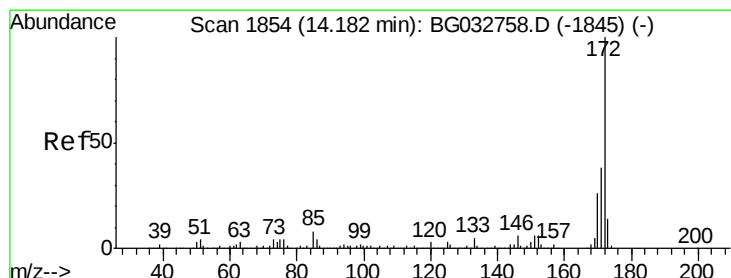
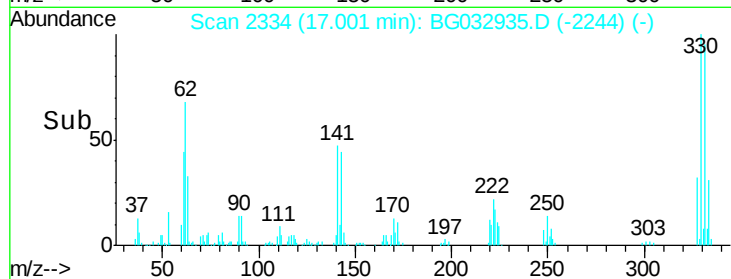
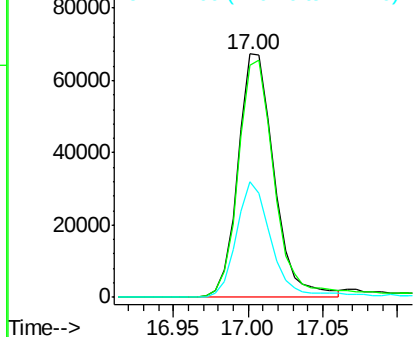
#41
 2,4,6-Tribromophenol
 Concen: 74.309 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032935.D
 Acq: 2 Mar 2018 2:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 113337
 Ion Ratio Lower Upper
 330 100
 332 100.9 77.0 115.6
 141 46.5 25.2 37.8#

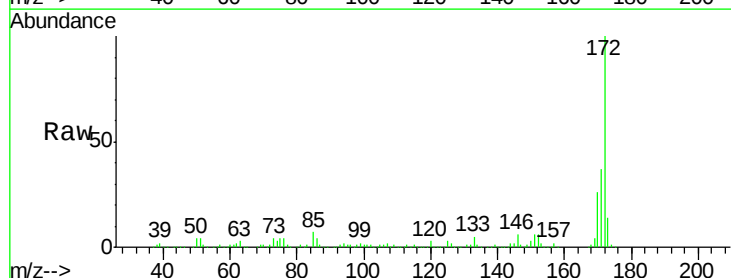


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

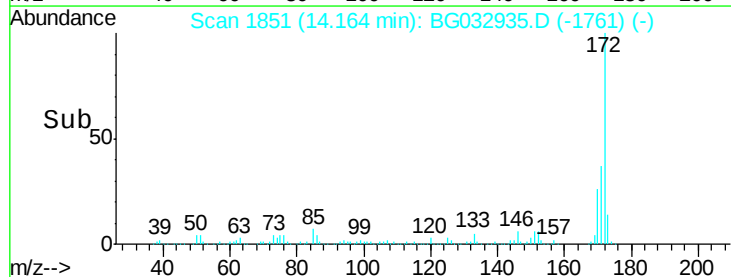
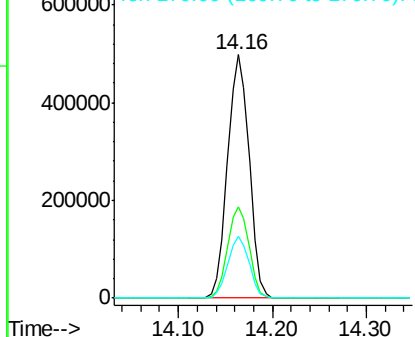


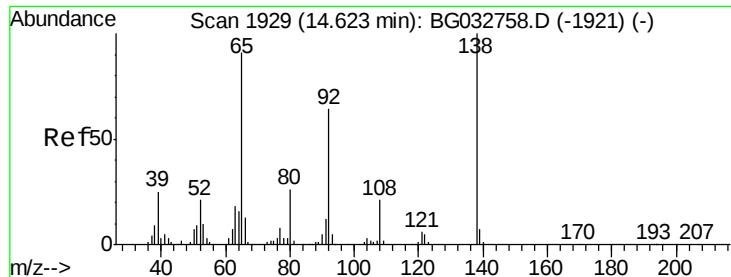
#44
 2-Fluorobiphenyl
 Concen: 78.662 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032935.D
 Acq: 2 Mar 2018 2:25

Tgt Ion:172 Resp: 791146
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 25.5 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

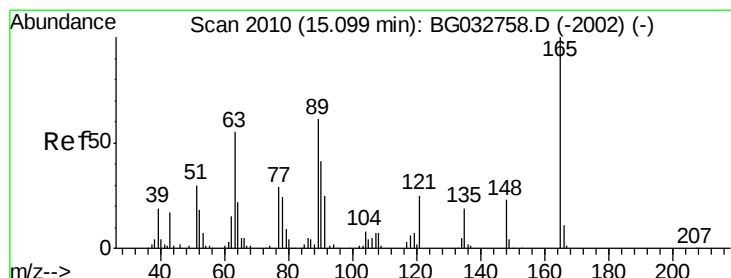
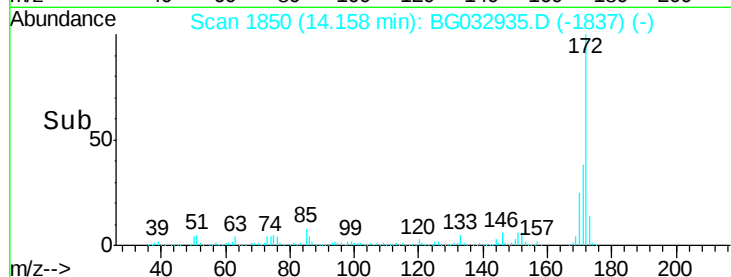
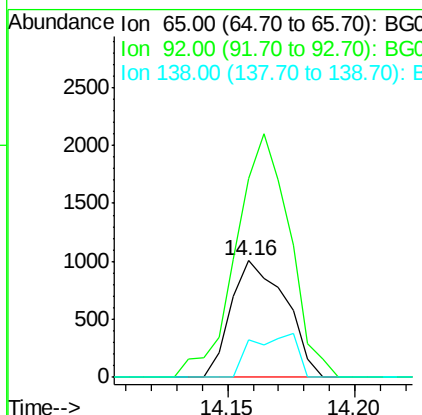
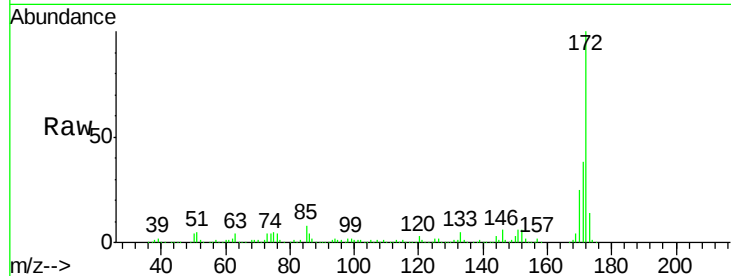




#47
2-Nitroaniline
Concen: 10.337 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.45 min
Lab File: BG032935.D
Acq: 2 Mar 2018 2:25

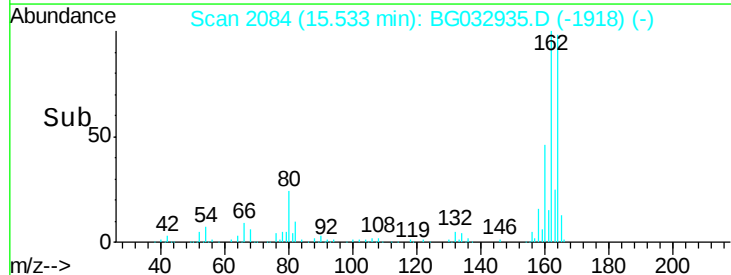
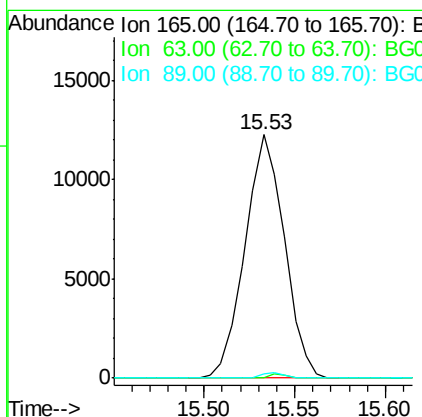
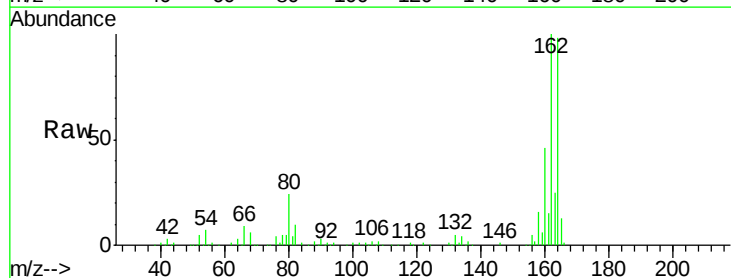
Instrument :
BNA_G
ClientSampleId :

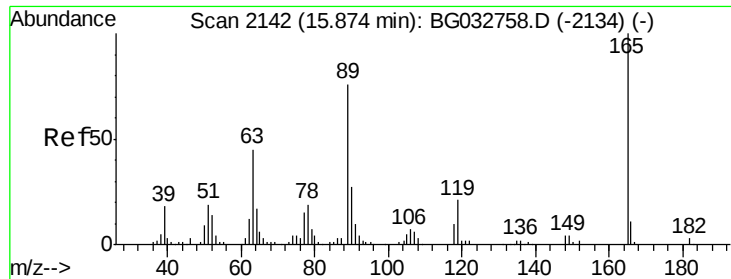
Tot Ion: 65 Resp: 1507
Ion Ratio Lower Upper
65 100
92 170.7 54.6 82.0#
138 32.6 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.283 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032935.D
Acq: 2 Mar 2018 2:25

Tgt Ion:165 Resp: 18480
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.9 49.2 73.8#

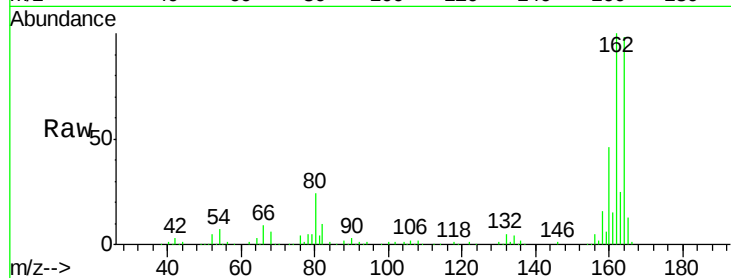




#56
 2,4-Dinitrotoluene
 Concen: 14.480 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.33 min
 Lab File: BG032935.D
 Acq: 2 Mar 2018 2:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	18480
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#

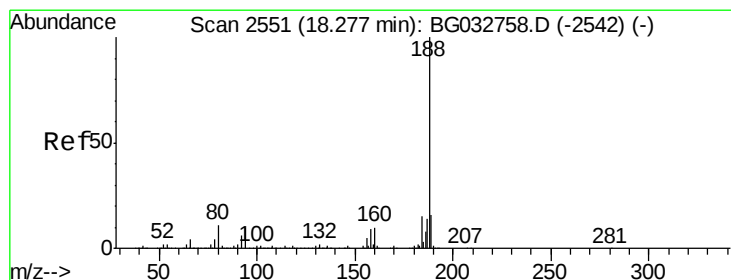
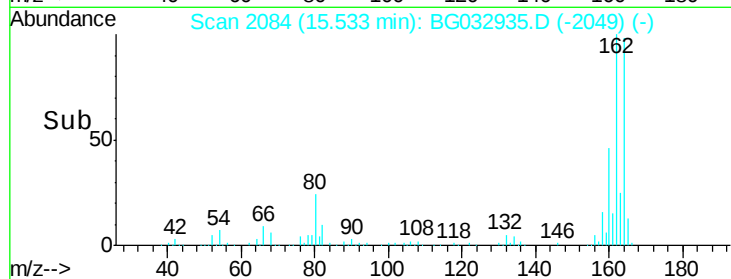
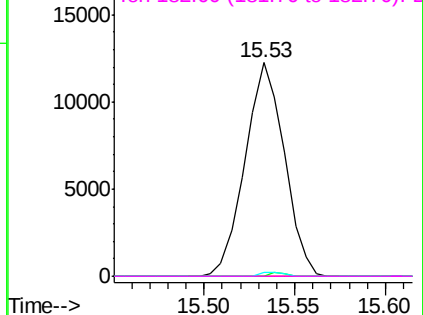


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

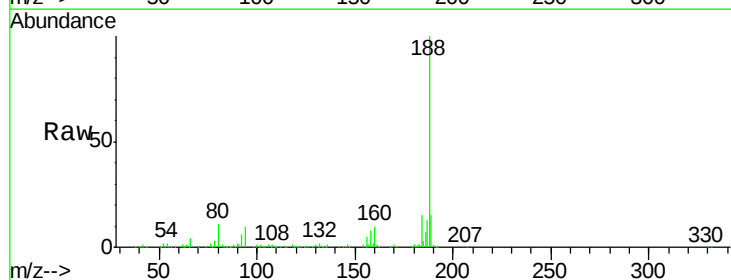
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BG032935.D
 Acq: 2 Mar 2018 2:25

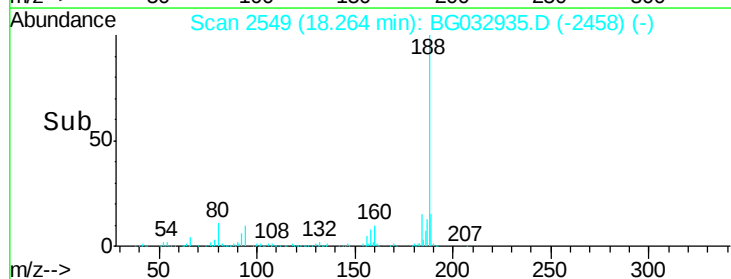
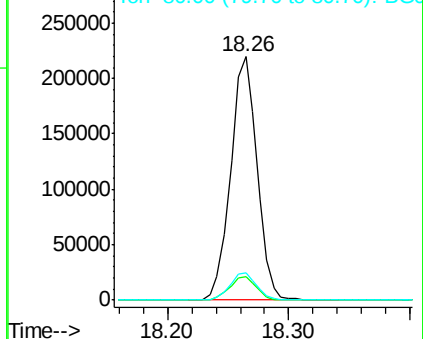
Tgt Ion:	188	Resp:	334625
Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.9	10.3
80	11.3	7.7	11.5

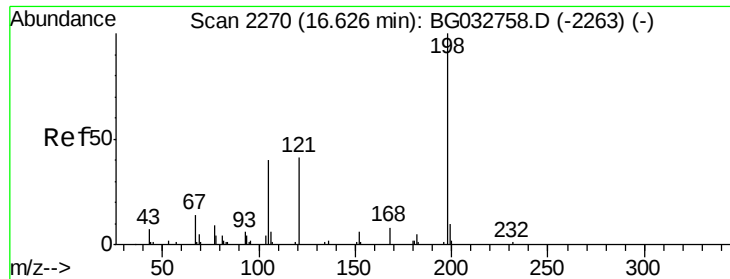


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

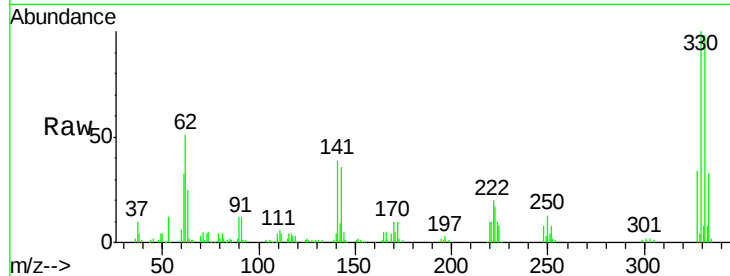




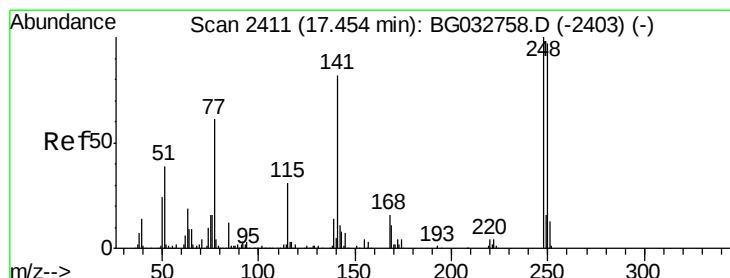
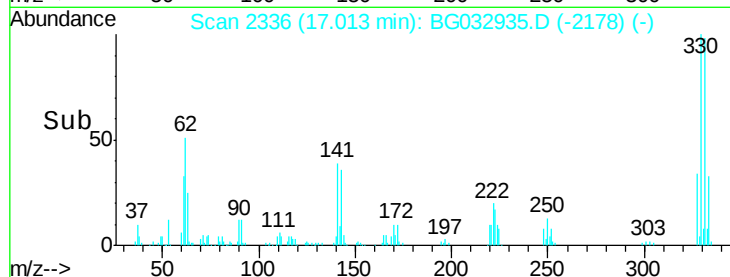
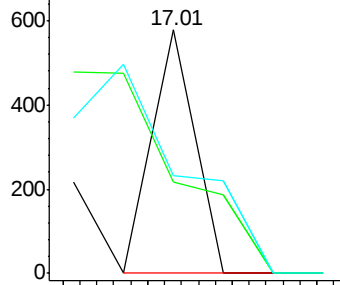
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.208 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.40 min
 Lab File: BG032935.D
 Acq: 2 Mar 2018 2:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 204
 Ion Ratio Lower Upper
 198 100
 51 37.5 30.6 70.6
 105 40.1 23.8 63.8

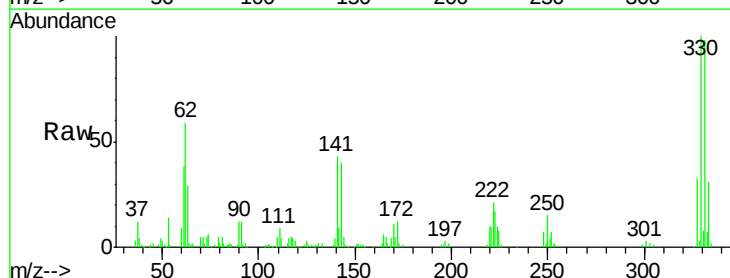


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

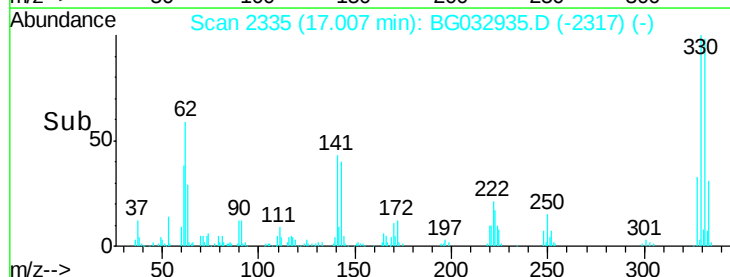
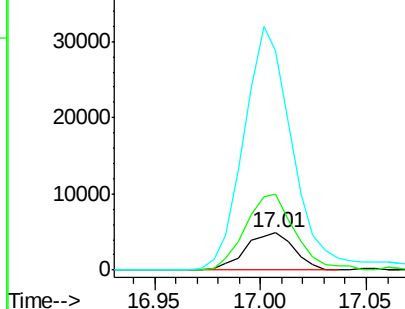


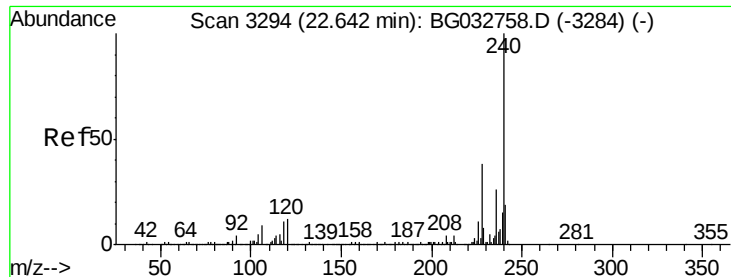
#66
 4-Bromophenyl-phenylether
 Concen: 2.194 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.43 min
 Lab File: BG032935.D
 Acq: 2 Mar 2018 2:25

Tgt Ion:248 Resp: 7764
 Ion Ratio Lower Upper
 248 100
 250 204.1 77.1 115.7#
 141 594.8 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: 22.62 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BG032935.D

Acq: 2 Mar 2018 2:25

Instrument :

BNA_G

ClientSampleId :

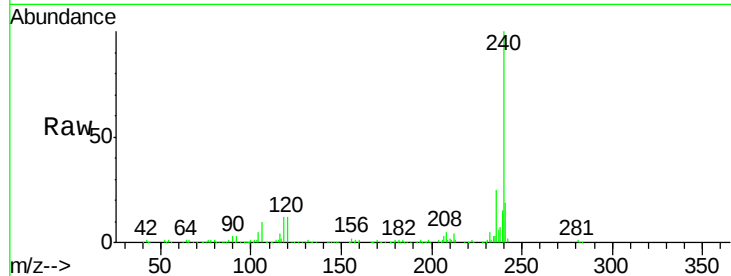
Tot Ion:240 Resp: 315493

Ion Ratio Lower Upper

240 100

120 12.0 6.8 10.2#

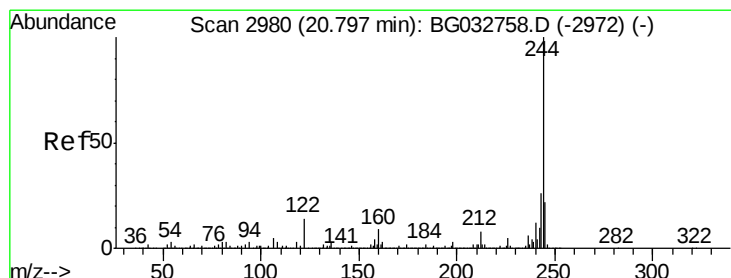
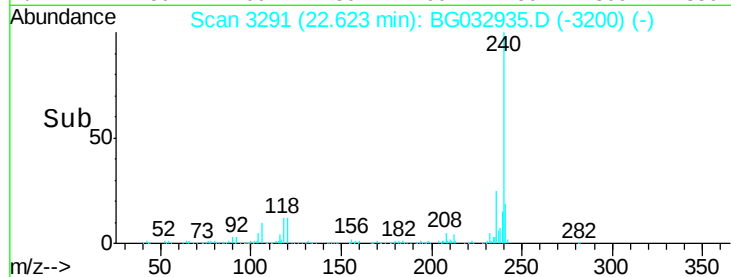
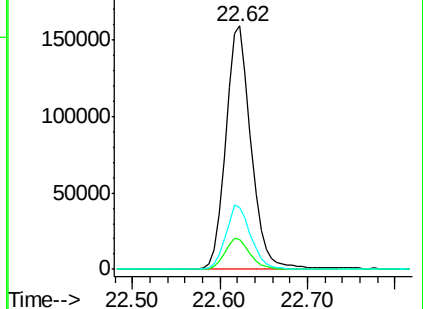
236 25.5 20.9 31.3



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: 82.738 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032935.D

Acq: 2 Mar 2018 2:25

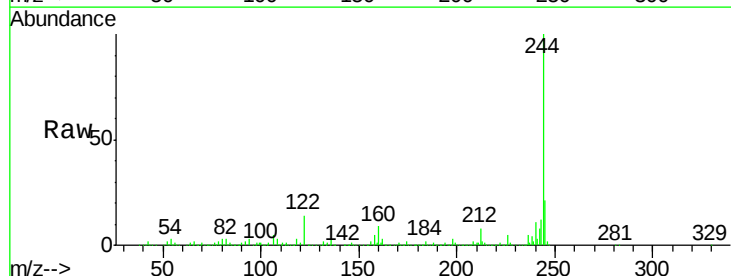
Tgt Ion:244 Resp: 1161833

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

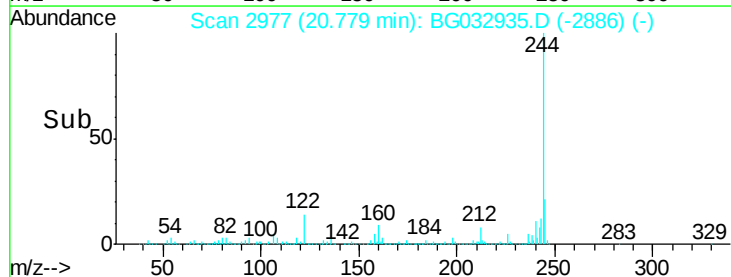
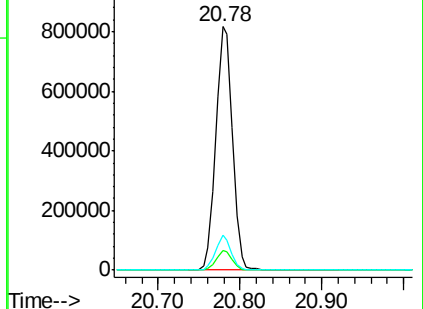
122 14.5 7.0 10.4#

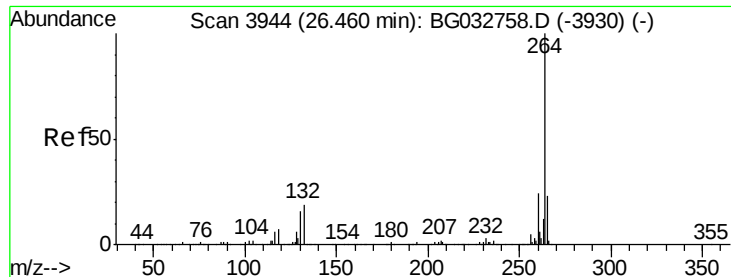


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3940
Delta R.T. 0.01 min
Lab File: BG032935.D
Acq: 2 Mar 2018 2:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.6	17.7	26.5

