

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032959.D
 Acq On : 2 Mar 2018 23:32
 Operator : SJ/JU
 Sample : PB107014BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 03 00:15:25 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	60119	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	259715	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	148486	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	347528	20.00	ng	0.00
75) Chrysene-d12	22.62	240	327117	20.00	ng	0.00
86) Perylene-d12	26.42	264	309808	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	370718	98.65	ng	0.00
7) Phenol-d6	8.01	99	490765	93.70	ng	0.00
23) Nitrobenzene-d5	10.11	82	413847	107.60	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	147436	94.43	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	918847	89.25	ng	0.00
78) Terphenyl-d14	20.78	244	1288110	88.47	ng	0.00

Target Compounds

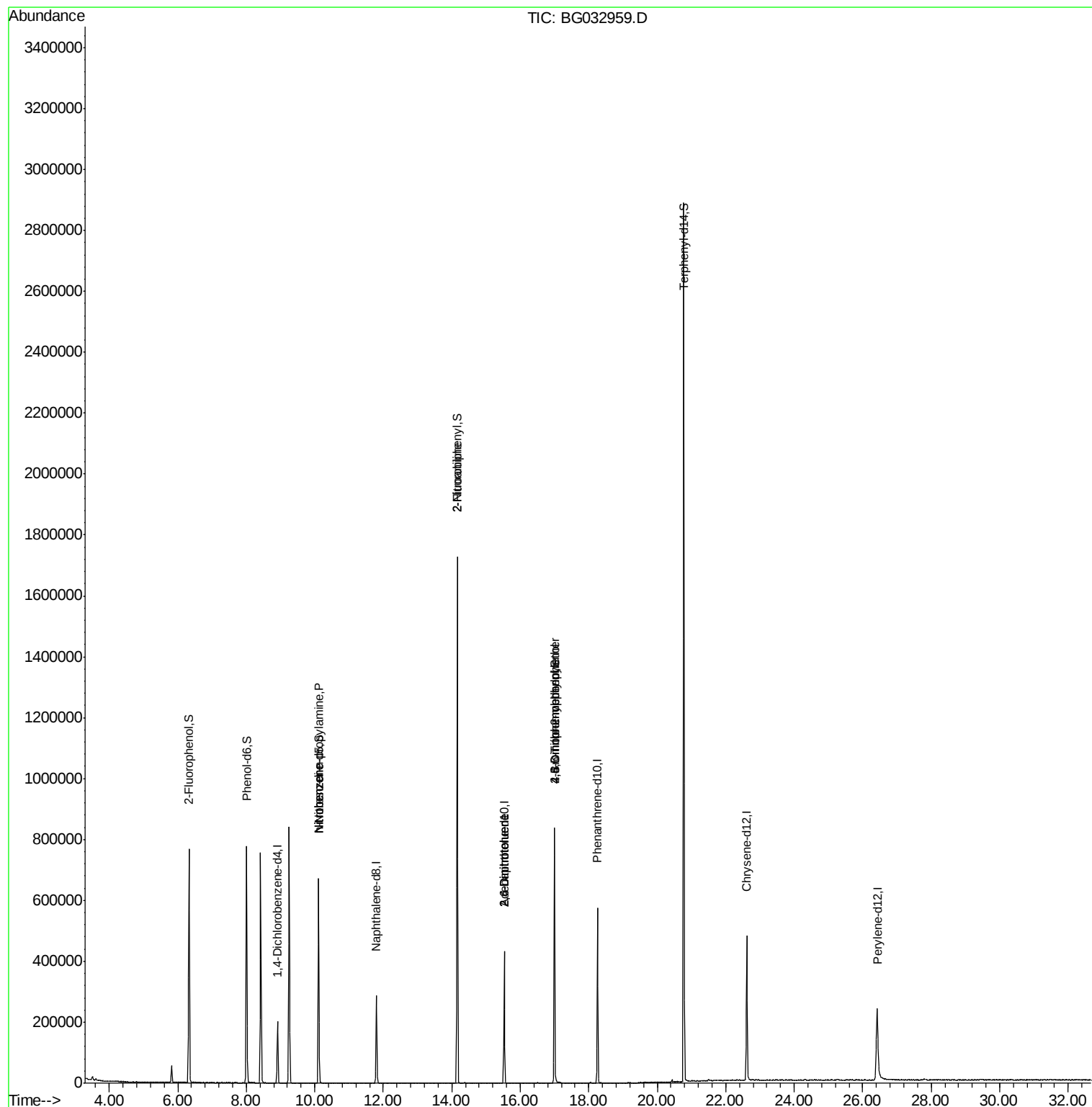
						Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	54171	14.650	ng	# 81
24) Nitrobenzene	10.11	77	1260	6.644	ng	# 44
47) 2-Nitroaniline	14.16	65	1754	10.406	ng	# 13
50) 2,6-Dinitrotoluene	15.53	165	18869	16.264	ng	# 21
56) 2,4-Dinitrotoluene	15.53	165	18869	14.461	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.99	198	312	5.330	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	9431	2.566	ng	# 1

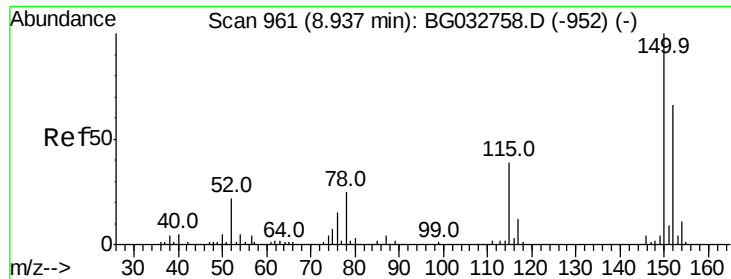
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030218\
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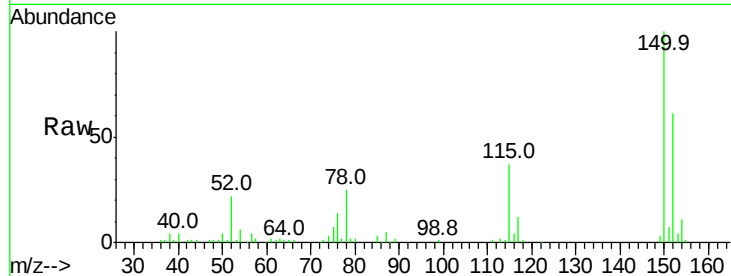


#1

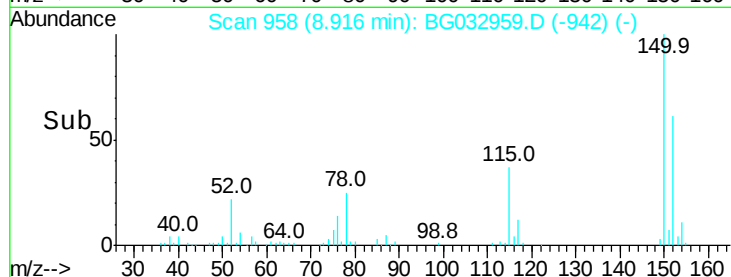
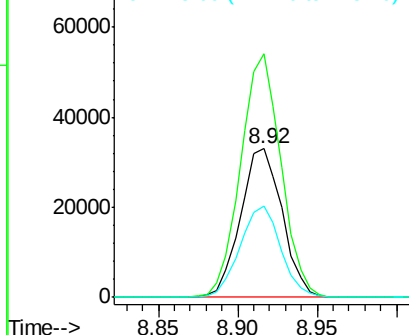
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60119
Ion Ratio Lower Upper
152 100
150 164.0 126.6 189.8
115 61.3 53.0 79.4



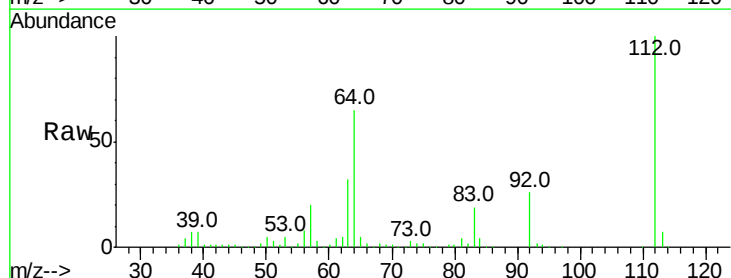
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



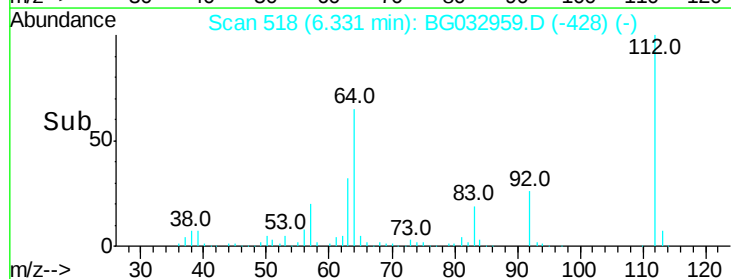
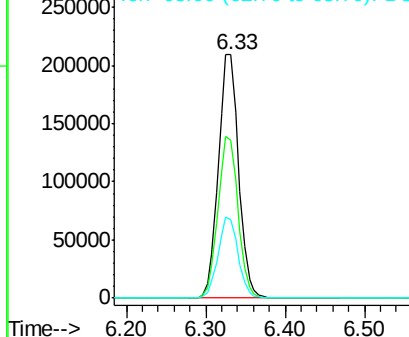
#5

2-Fluorophenol
Concen: 98.653 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

Tgt Ion:112 Resp: 370718
Ion Ratio Lower Upper
112 100
64 65.0 56.3 84.5
63 32.2 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: 93.696 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

Instrument :

BNA_G

ClientSampleId :

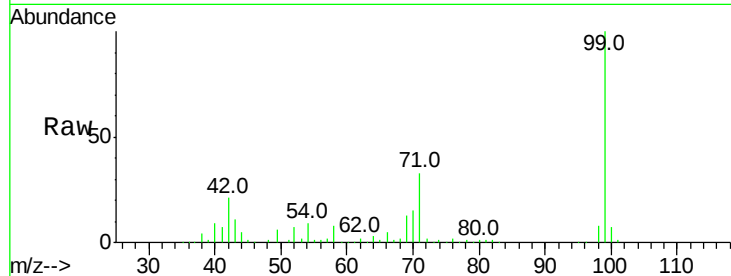
Tot Ion: 99 Resp: 490765

Ion Ratio Lower Upper

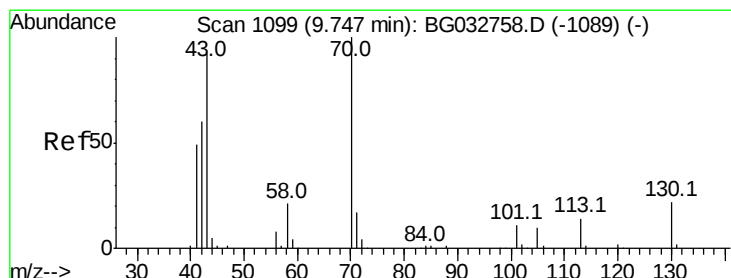
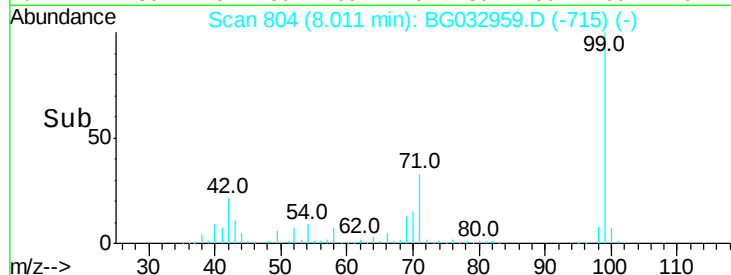
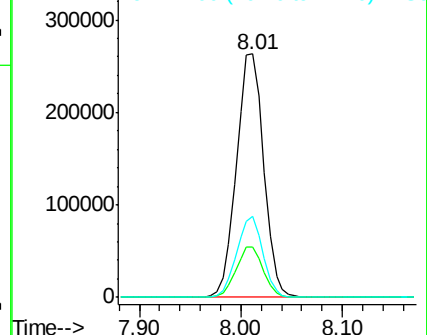
99 100

42 20.9 14.1 21.1

71 33.1 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: 14.650 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

Tgt Ion: 70 Resp: 54171

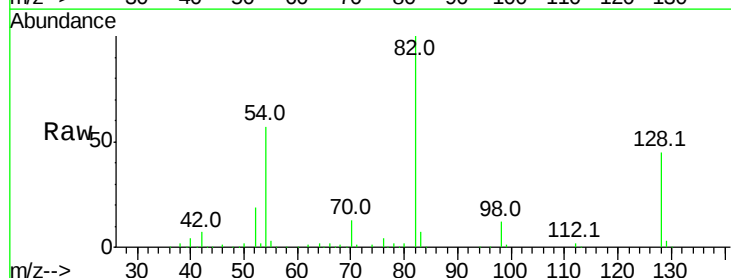
Ion Ratio Lower Upper

70 100

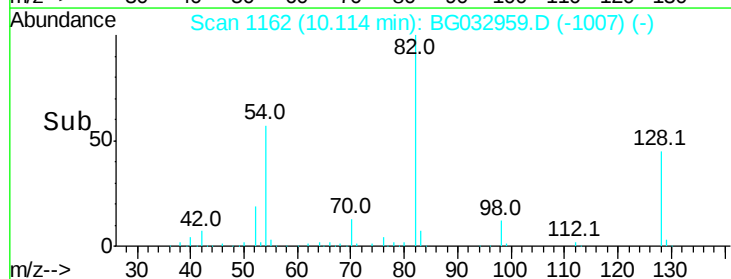
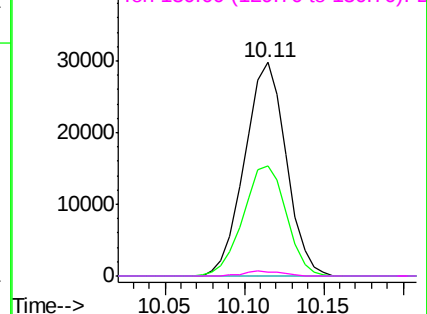
42 51.8 49.1 73.7

101 0.0 8.5 12.7#

130 1.9 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

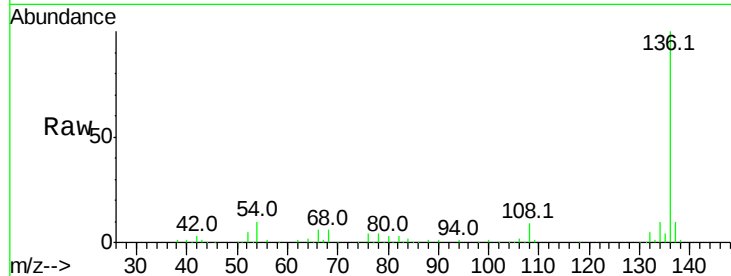




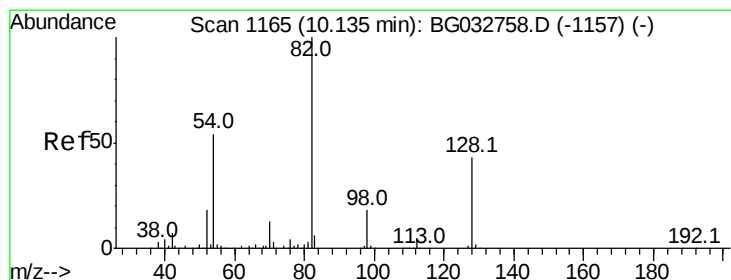
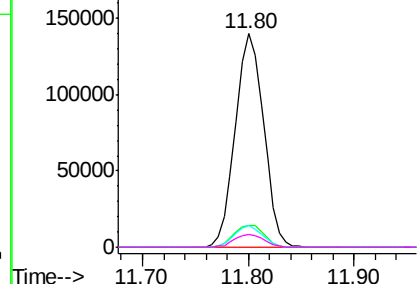
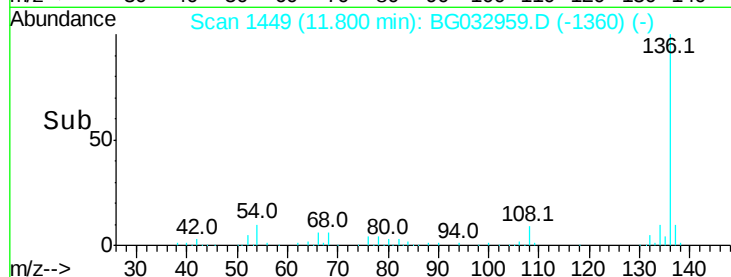
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	10.0	10.3	15.5#
68	6.2	4.5	6.7

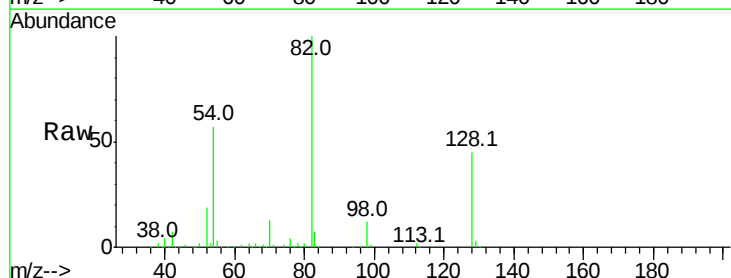


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

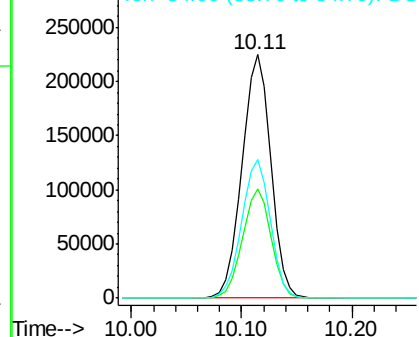
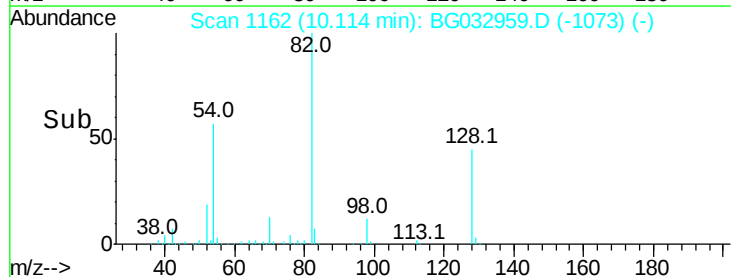


#23
Nitrobenzene-d5
Concen: 107.596 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	29.7	44.5#
54	56.7	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: 6.644 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

Instrument :

BNA_G

ClientSampled :

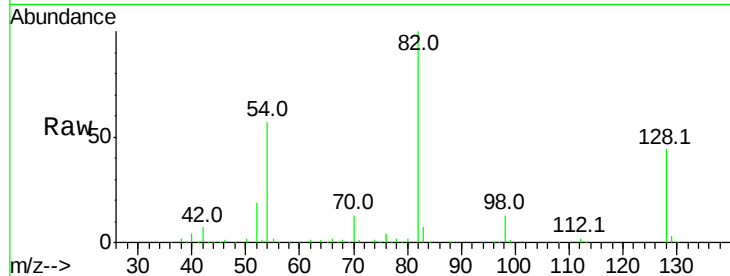
Tot Ion: 77 Resp: 1260

Ion Ratio Lower Upper

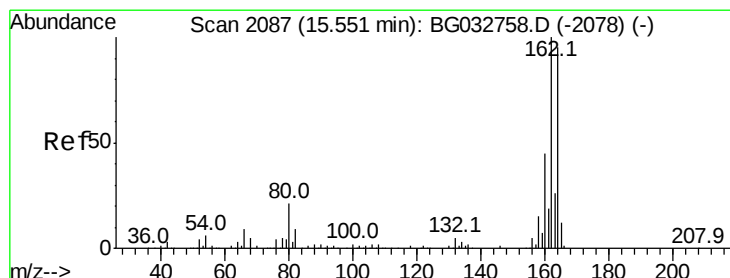
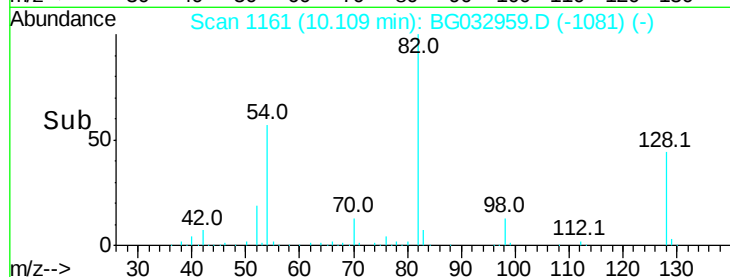
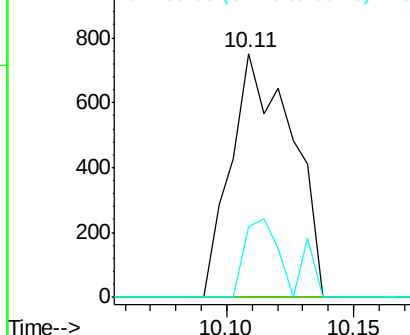
77 100

123 0.0 33.0 49.6#

65 28.9 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: BG032959.D

Acq: 2 Mar 2018 23:32

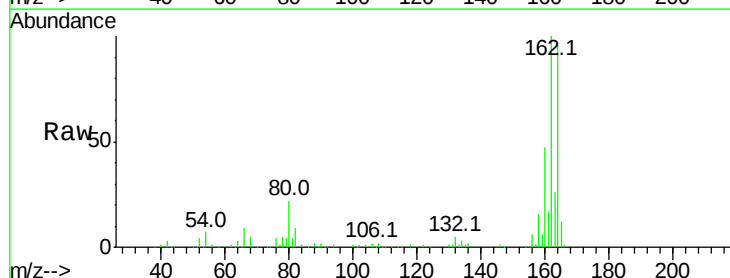
Tgt Ion:164 Resp: 148486

Ion Ratio Lower Upper

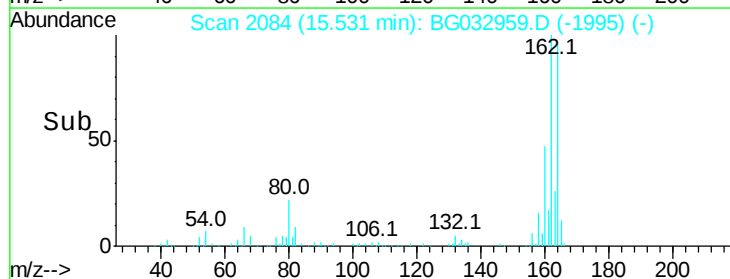
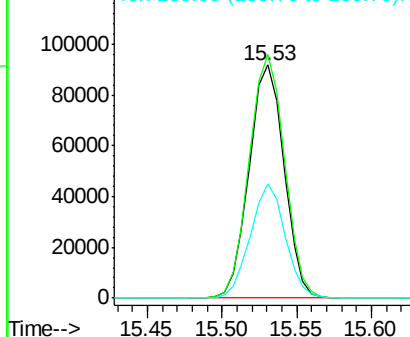
164 100

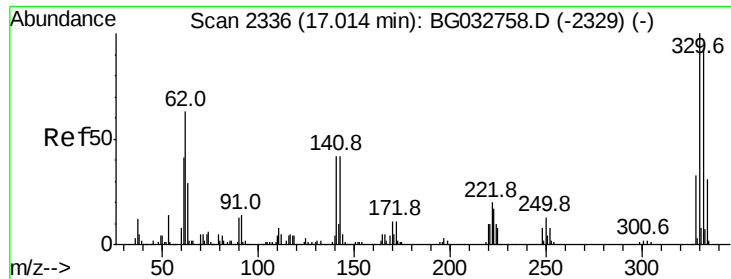
162 104.5 78.8 118.2

160 48.8 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

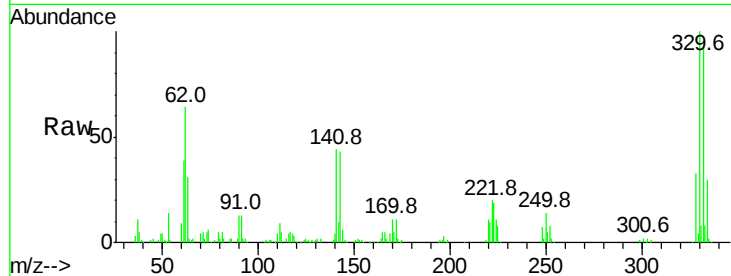




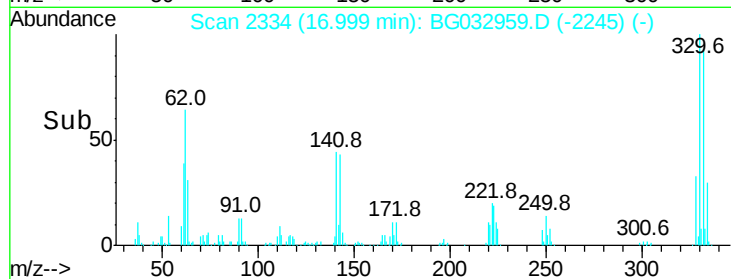
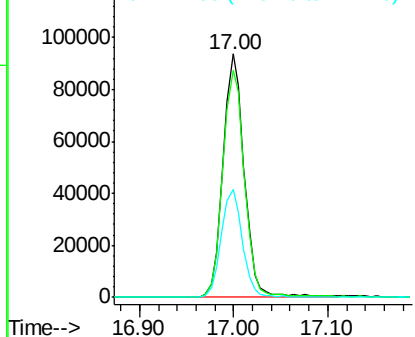
#41
 2,4,6-Tribromophenol
 Concen: 94.433 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 147436
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 44.6 25.2 37.8#

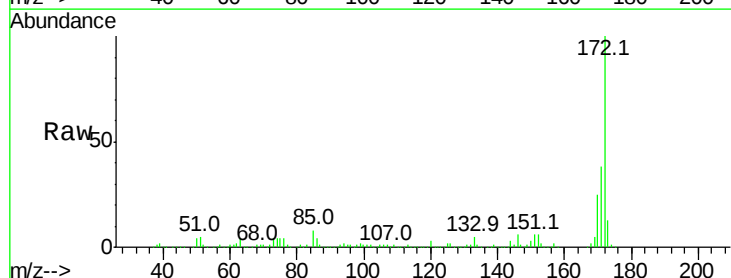


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

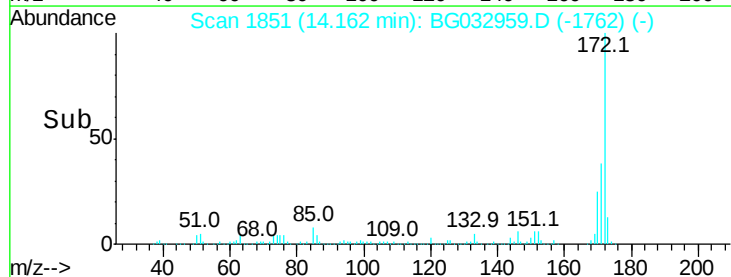
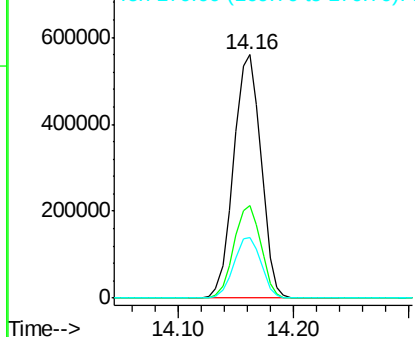


#44
 2-Fluorobiphenyl
 Concen: 89.248 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Tgt Ion:172 Resp: 918847
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 25.1 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

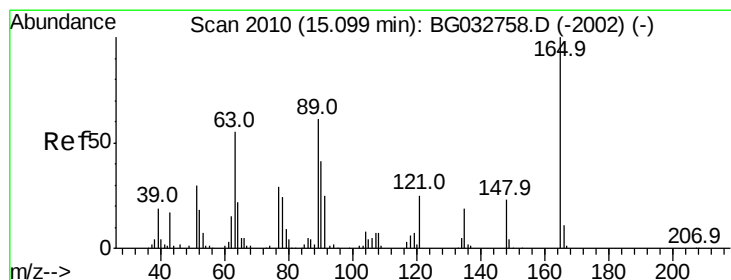
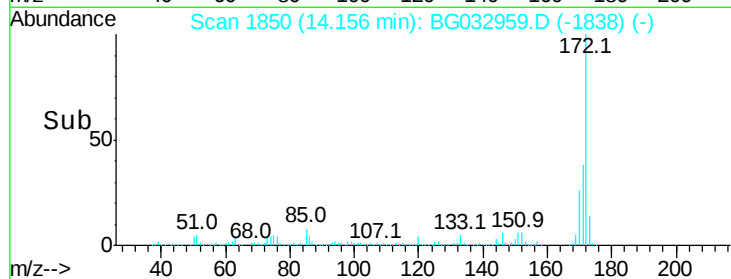
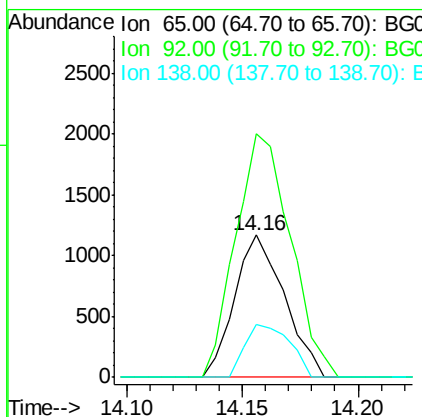
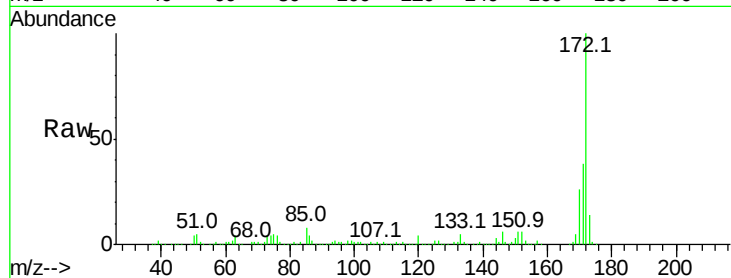




#47
2-Nitroaniline
Concen: 10.406 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.46 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

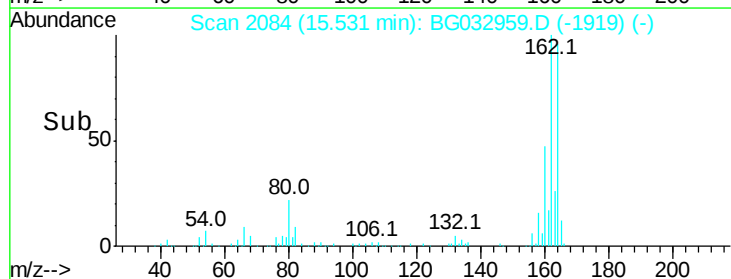
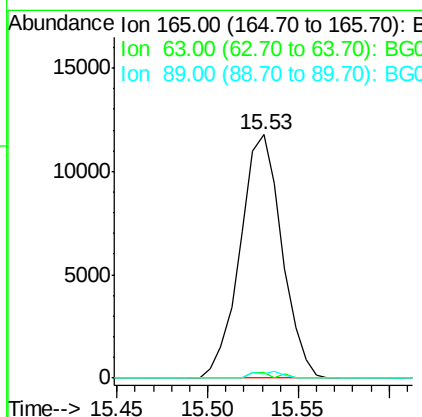
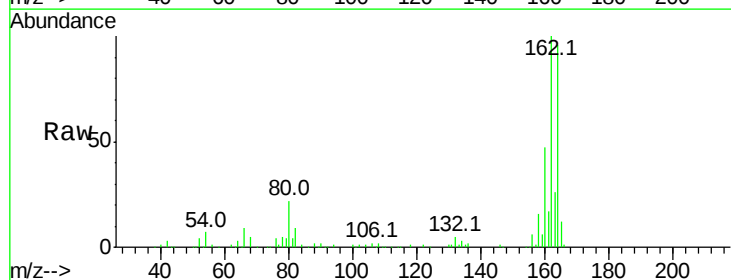
Instrument :
BNA_G
ClientSampleId :

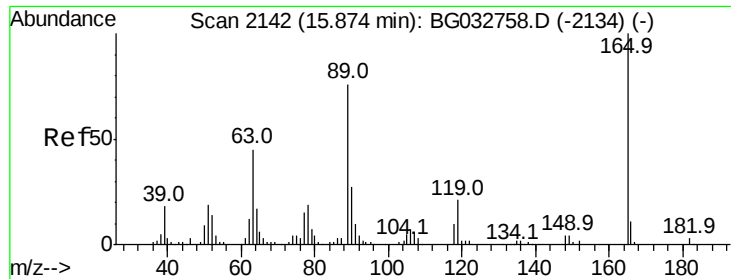
Tot Ion: 65 Resp: 1754
Ion Ratio Lower Upper
65 100
92 171.0 54.6 82.0#
138 37.0 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.264 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

Tgt Ion:165 Resp: 18869
Ion Ratio Lower Upper
165 100
63 2.2 52.7 79.1#
89 1.7 49.2 73.8#

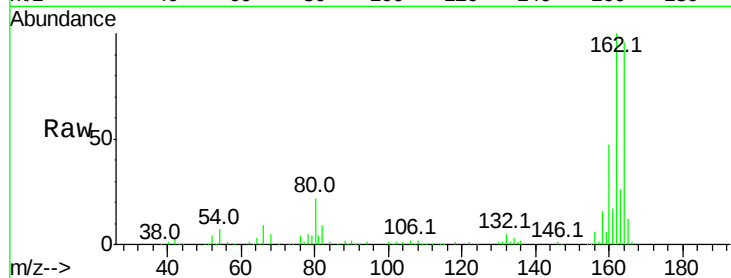




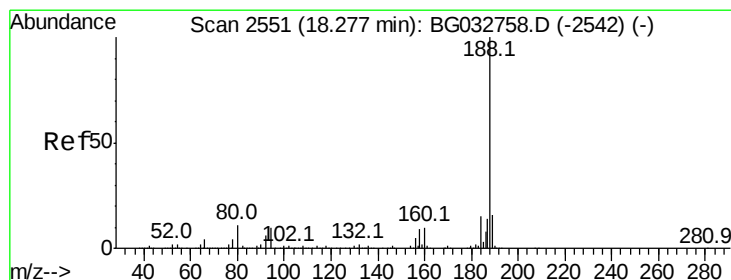
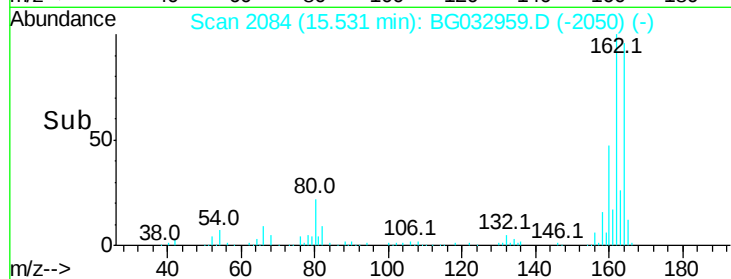
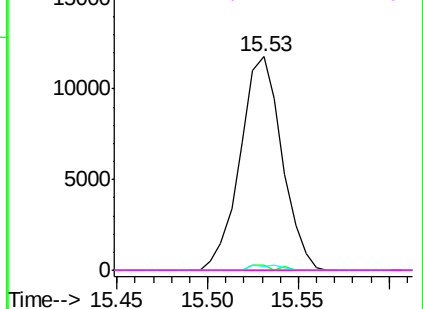
#56
 2,4-Dinitrotoluene
 Concen: 14.461 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.33 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 18869
 Ion Ratio Lower Upper
 165 100
 63 2.2 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#

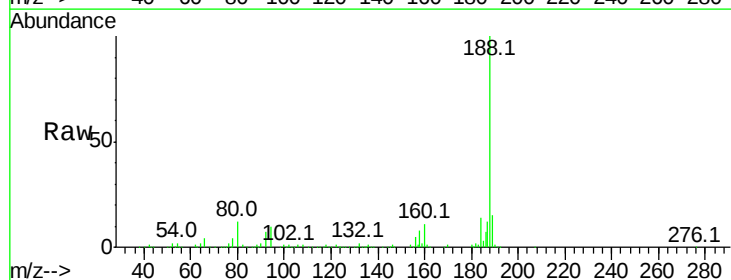


Abundance Ion 165.00 (164.70 to 165.70): E

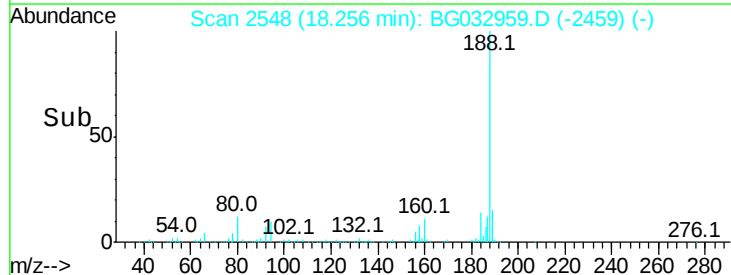
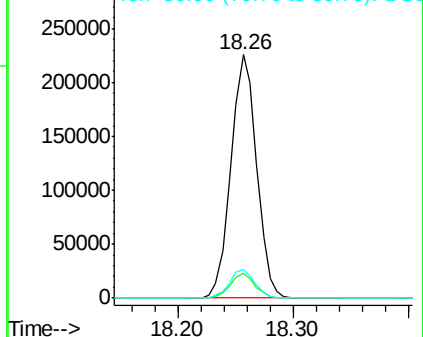


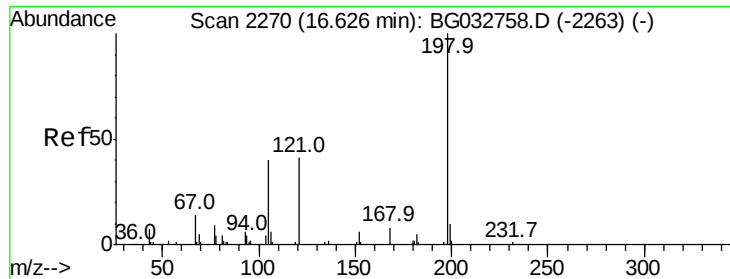
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Tgt Ion:188 Resp: 347528
 Ion Ratio Lower Upper
 188 100
 94 10.2 6.9 10.3
 80 11.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

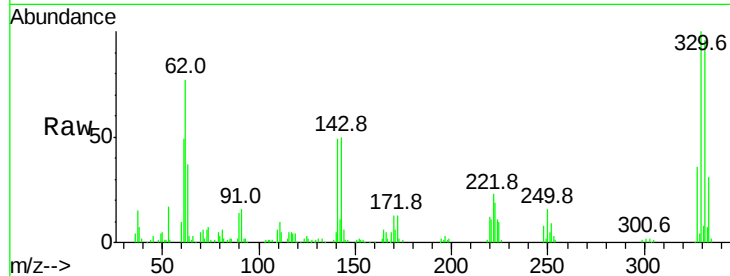




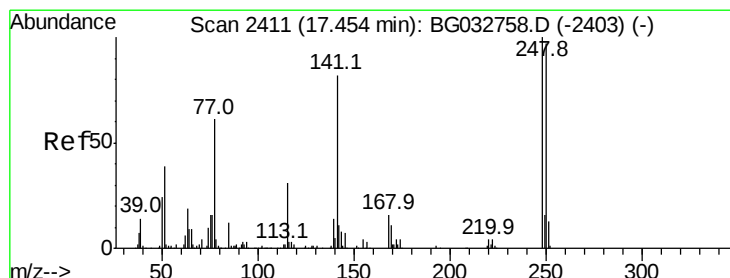
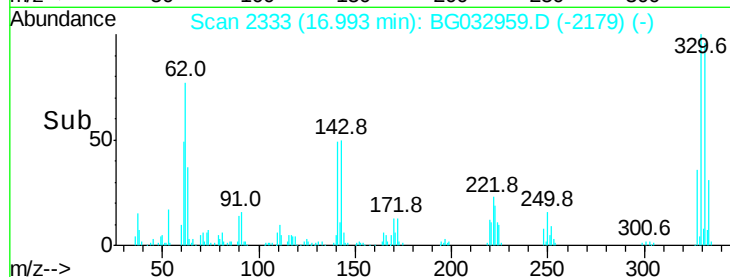
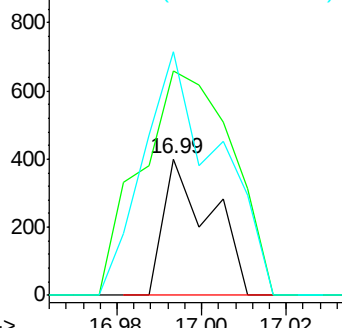
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.330 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.38 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 312
 Ion Ratio Lower Upper
 198 100
 51 164.6 30.6 70.6#
 105 178.1 23.8 63.8#

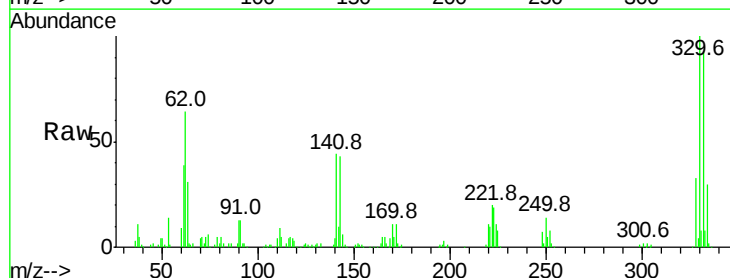


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

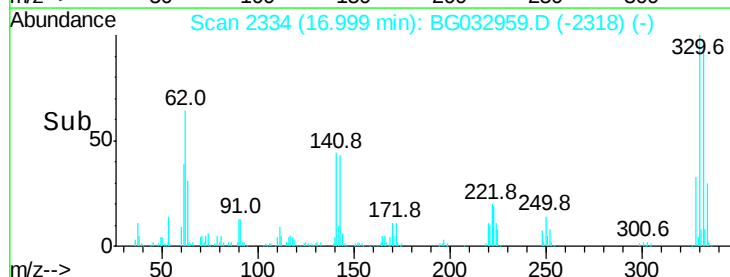
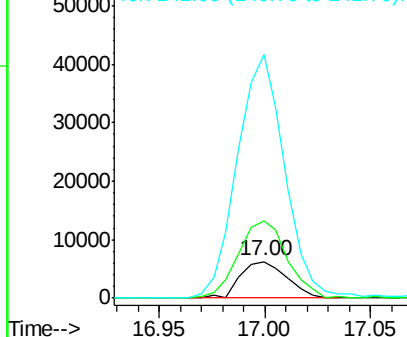


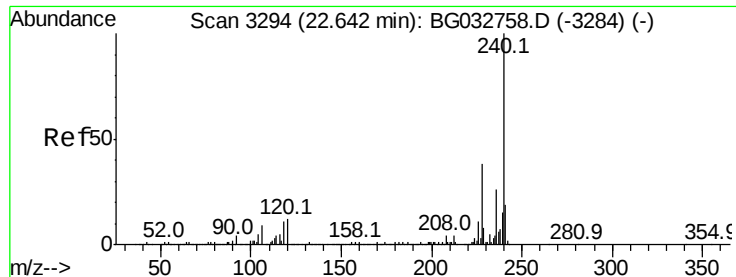
#66
 4-Bromophenyl-phenylether
 Concen: 2.566 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.43 min
 Lab File: BG032959.D
 Acq: 2 Mar 2018 23:32

Tgt Ion:248 Resp: 9431
 Ion Ratio Lower Upper
 248 100
 250 208.1 77.1 115.7#
 141 661.2 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# 3290

Delta R.T. -0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

Instrument :

BNA_G

ClientSampleId :

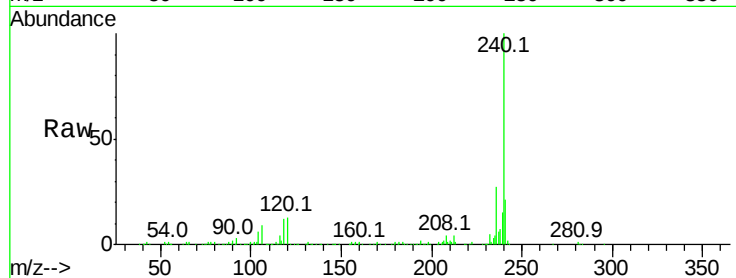
Tot Ion:240 Resp: 327117

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

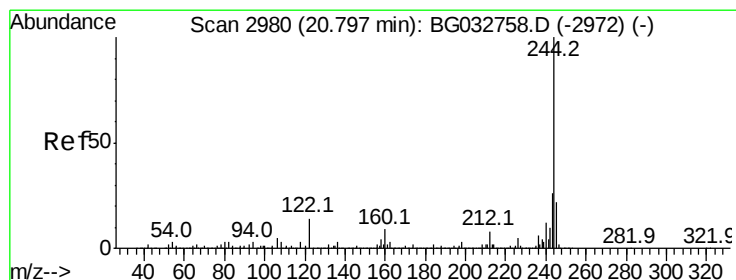
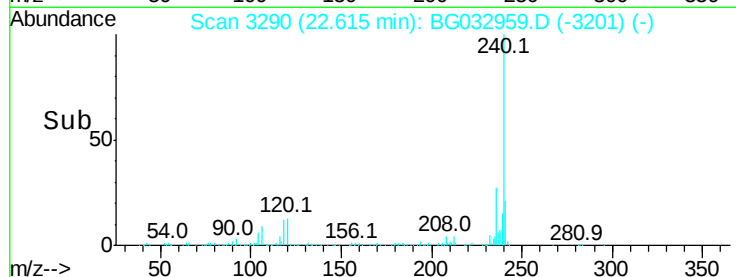
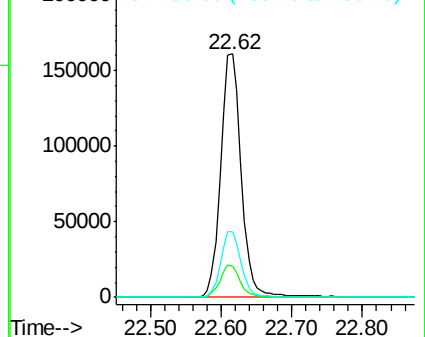
236 27.1 20.9 31.3



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: 88.471 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032959.D

Acq: 2 Mar 2018 23:32

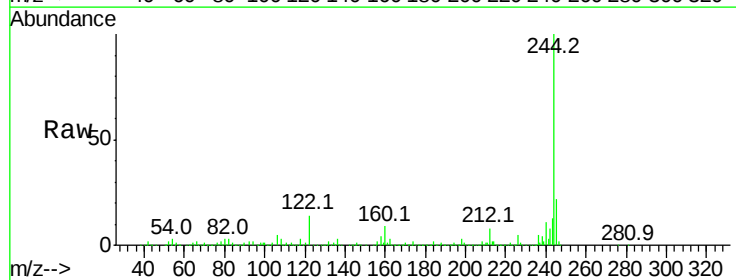
Tgt Ion:244 Resp: 1288110

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

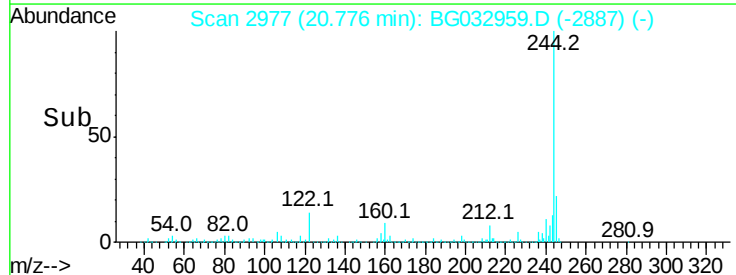
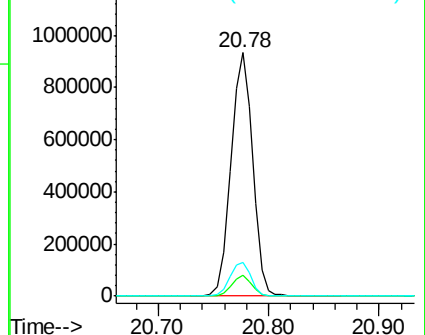
122 14.0 7.0 10.4#

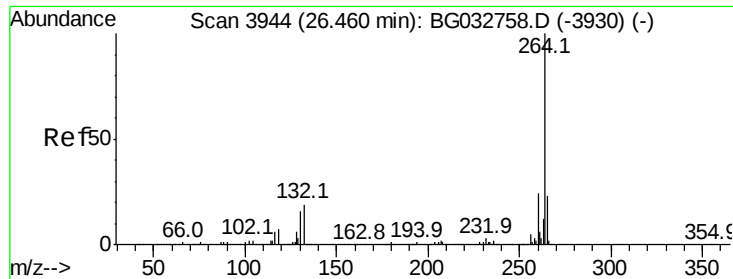


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.42 min Scan# 3938
Delta R.T. -0.00 min
Lab File: BG032959.D
Acq: 2 Mar 2018 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.2	17.7	26.5

