

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032993.D
 Acq On : 5 Mar 2018 17:13
 Operator : SJ/JU
 Sample : J1792-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 17:51:05 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	59893	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	268746	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	155707	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	348321	20.00	ng	0.00
75) Chrysene-d12	22.61	240	320430	20.00	ng	-0.01
86) Perylene-d12	26.41	264	333052	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	179992	48.08	ng	0.00
7) Phenol-d6	8.00	99	147191	28.21	ng	-0.01
23) Nitrobenzene-d5	10.11	82	375665	95.60	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	197771	120.80	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	829876	76.87	ng	-0.01
78) Terphenyl-d14	20.77	244	1150552	80.67	ng	0.00

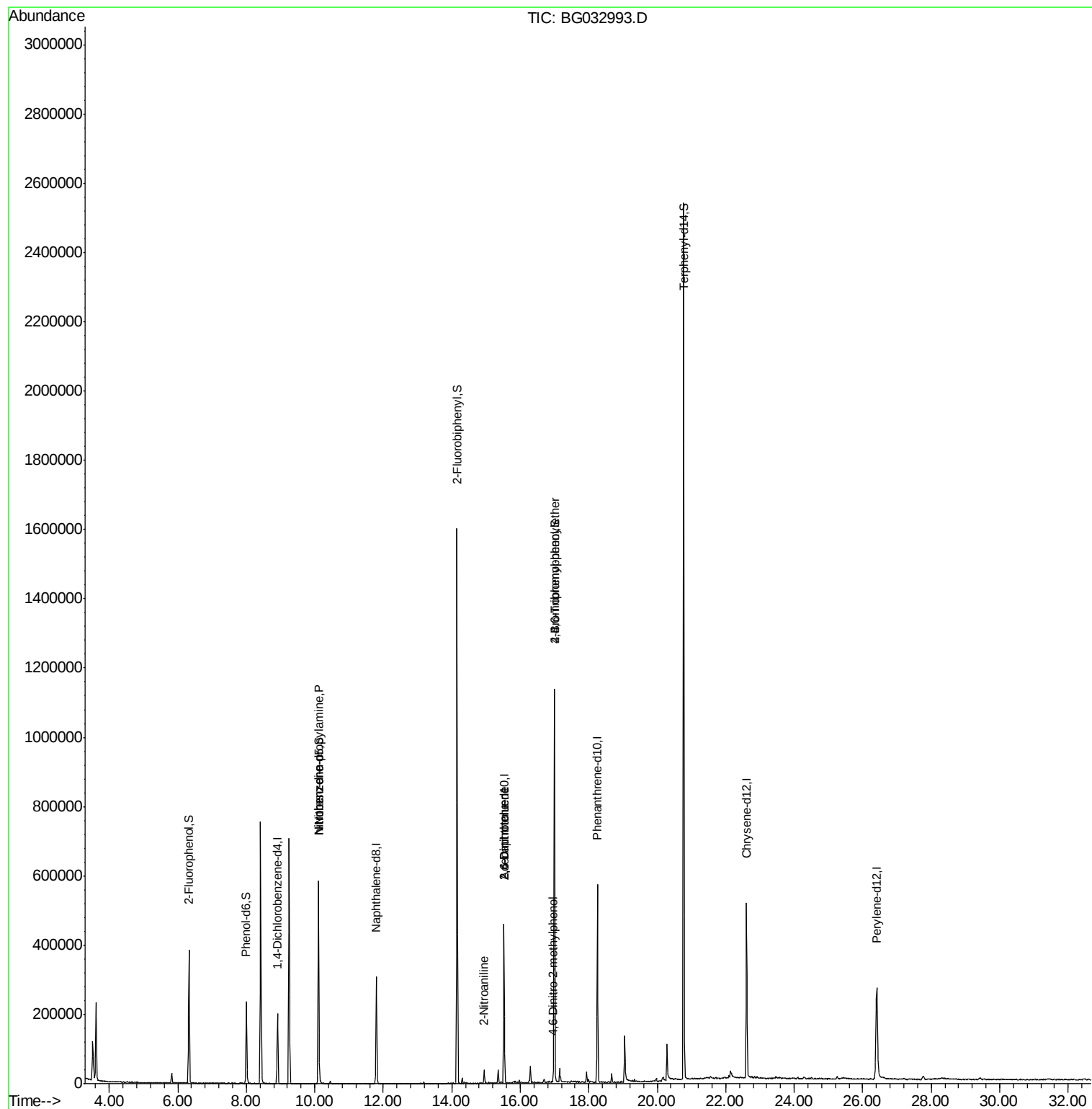
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.11	70	48368	13.130	ng	# 82
24) Nitrobenzene	10.11	77	961	6.575	ng	# 23
47) 2-Nitroaniline	14.94	65	60	9.854	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	20796	16.640	ng	# 20
56) 2,4-Dinitrotoluene	15.52	165	20796	14.839	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.96	198	283	5.294	ng	# 29
66) 4-Bromophenyl-phenylether	17.00	248	14029	3.809	ng	# 1

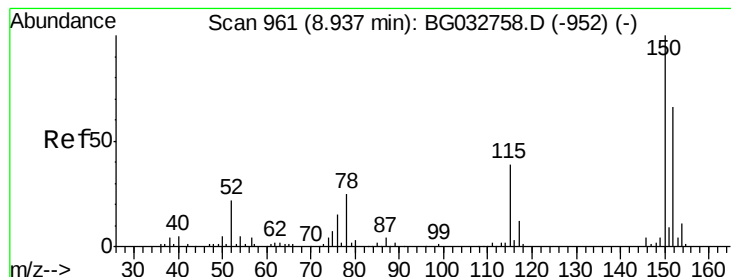
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030518\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BG032993.D

Acq: 5 Mar 2018 17:13

Instrument :

BNA_G

ClientSampleId :

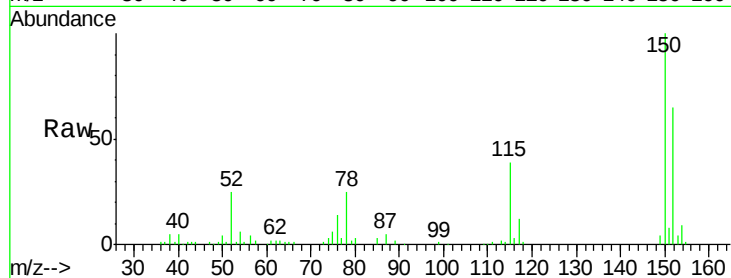
Tot Ion:152 Resp: 59893

Ion Ratio Lower Upper

152 100

150 155.0 126.6 189.8

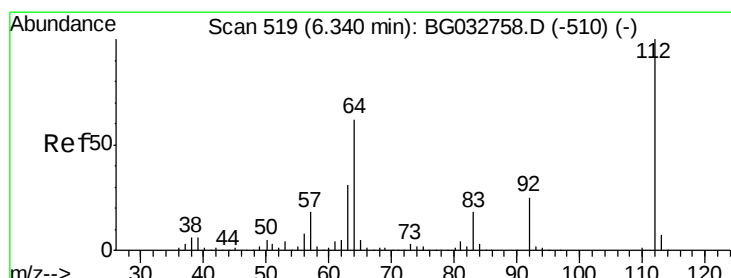
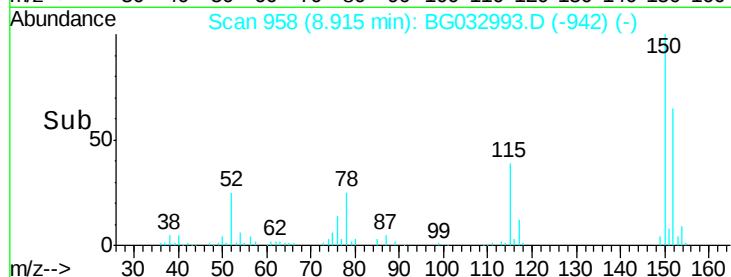
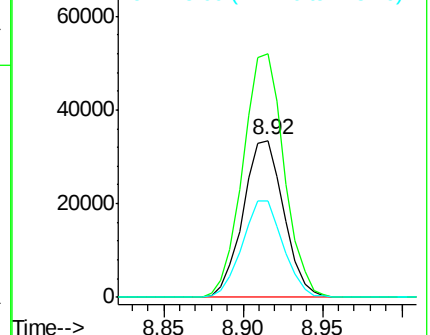
115 61.0 53.0 79.4



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: 48.079 ng

RT: 6.32 min Scan# 517

Delta R.T. -0.01 min

Lab File: BG032993.D

Acq: 5 Mar 2018 17:13

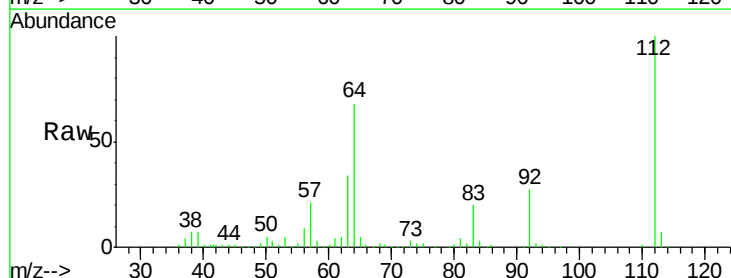
Tgt Ion:112 Resp: 179992

Ion Ratio Lower Upper

112 100

64 68.0 56.3 84.5

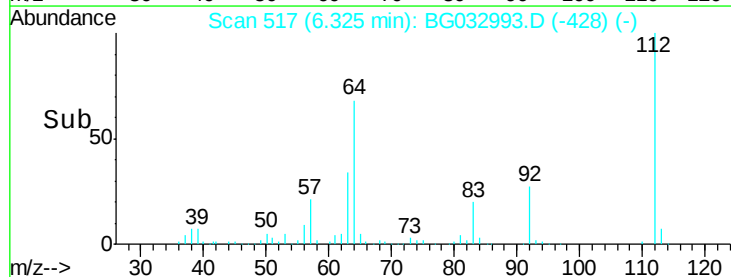
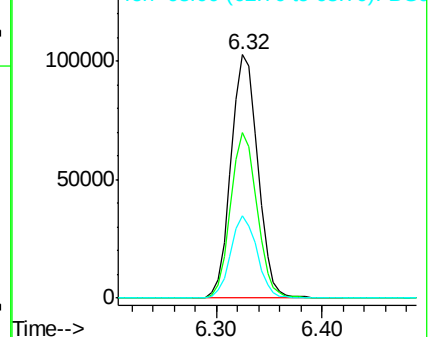
63 33.9 30.1 45.1



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: 28.208 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032993.D

Acq: 5 Mar 2018 17:13

Instrument :

BNA_G

ClientSampled :

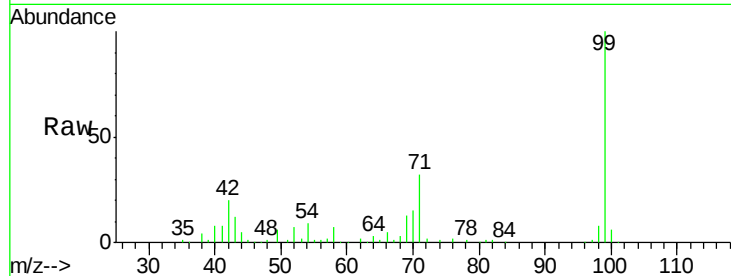
Tot Ion: 99 Resp: 147191

Ion Ratio Lower Upper

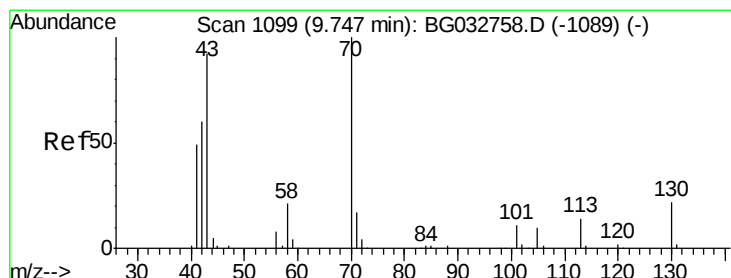
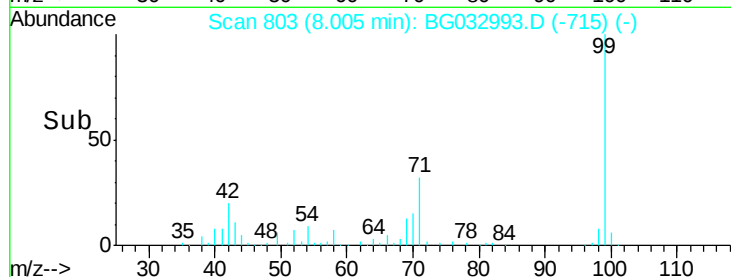
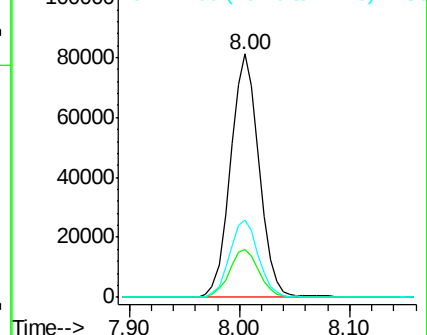
99 100

42 19.8 14.1 21.1

71 31.8 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: 13.130 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.38 min

Lab File: BG032993.D

Acq: 5 Mar 2018 17:13

Tgt Ion: 70 Resp: 48368

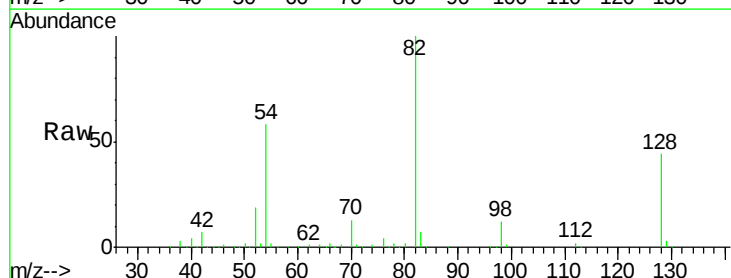
Ion Ratio Lower Upper

70 100

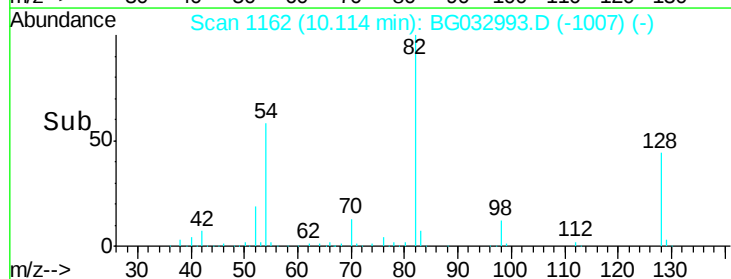
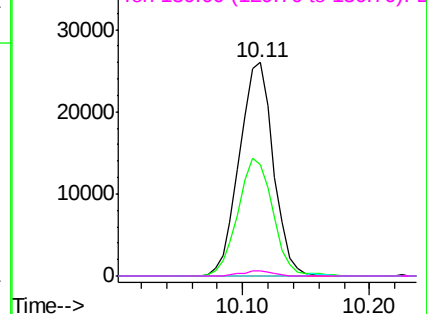
42 52.1 49.1 73.7

101 0.0 8.5 12.7#

130 2.3 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

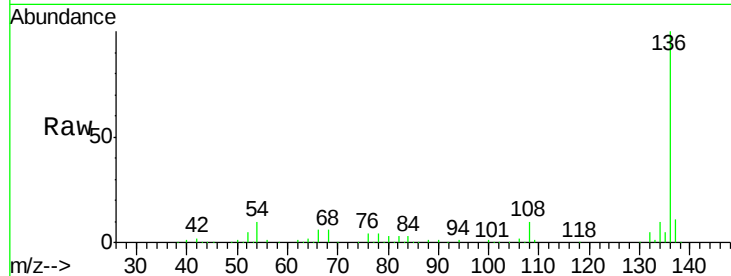




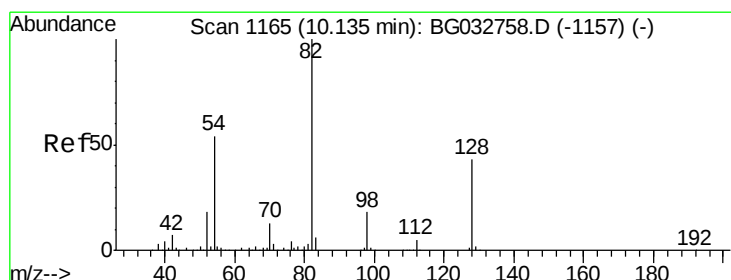
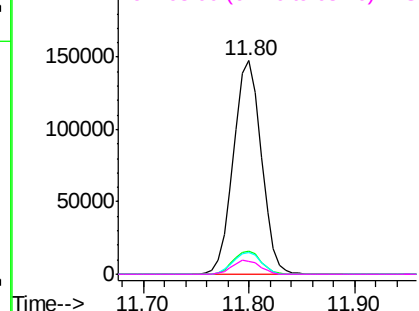
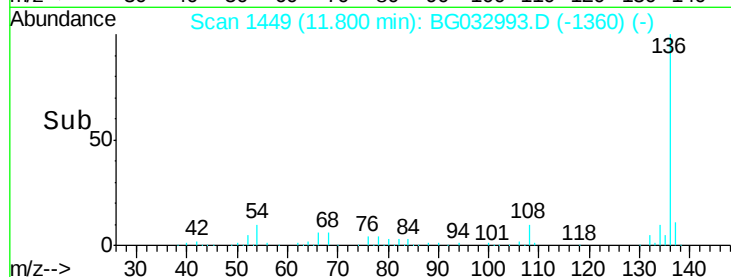
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG032993.D
Acq: 5 Mar 2018 17:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	268746	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.2	13.8	
54 10.4	10.3	15.5	
68 6.1	4.5	6.7	

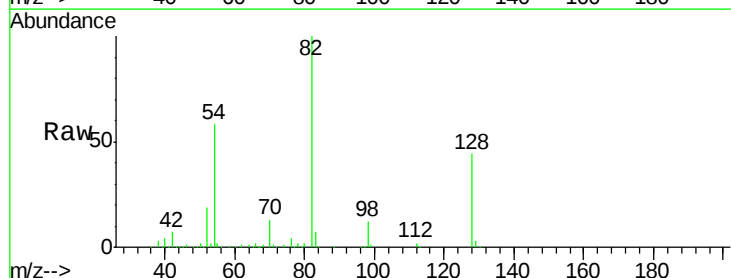


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

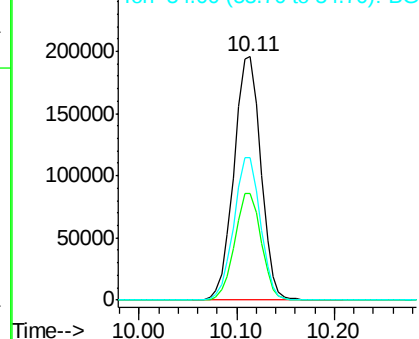
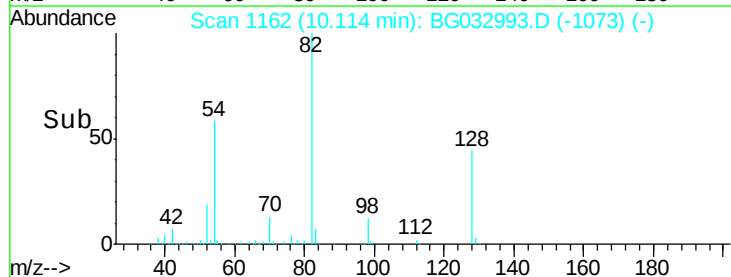


#23
Nitrobenzene-d5
Concen: 95.604 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032993.D
Acq: 5 Mar 2018 17:13

Tgt	Ion: 82	Resp:	375665
Ion	Ratio	Lower	Upper
82	100		
128	43.6	29.7	44.5
54	58.5	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

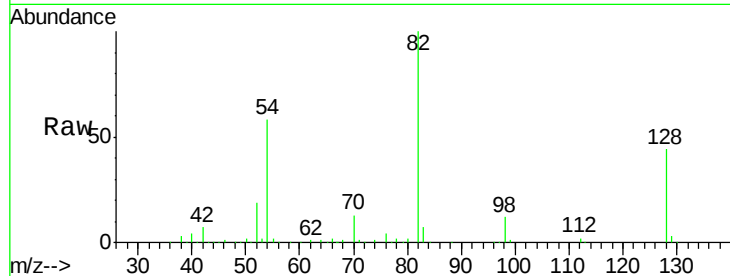




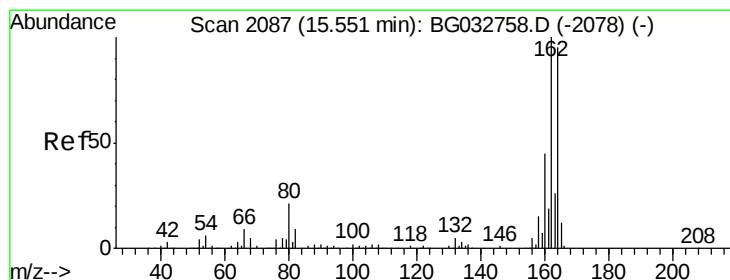
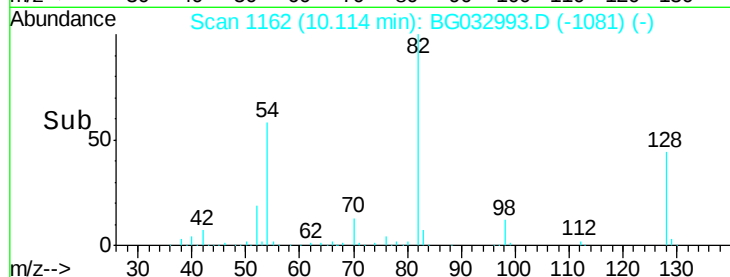
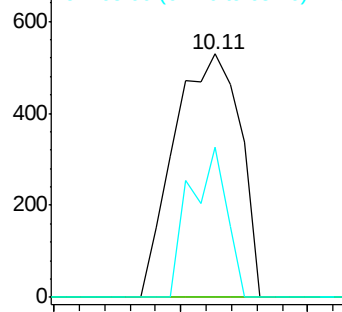
#24
Nitrobenzene
Concen: 6.575 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG032993.D
Acq: 5 Mar 2018 17:13

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 961
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 61.8 13.0 19.6#

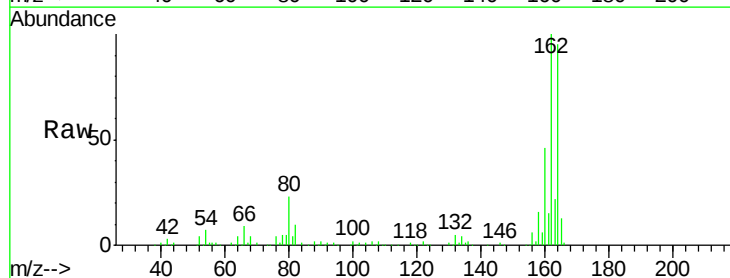


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

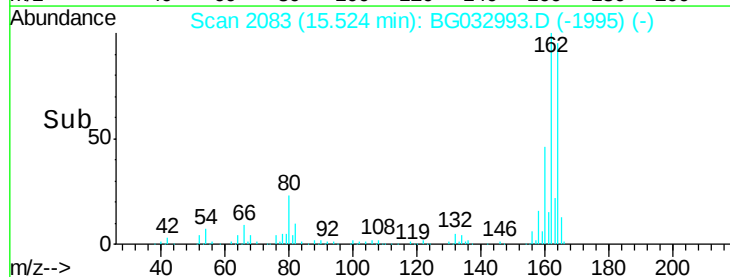
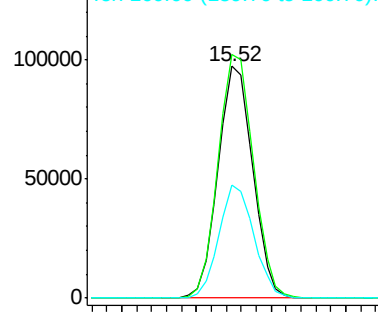


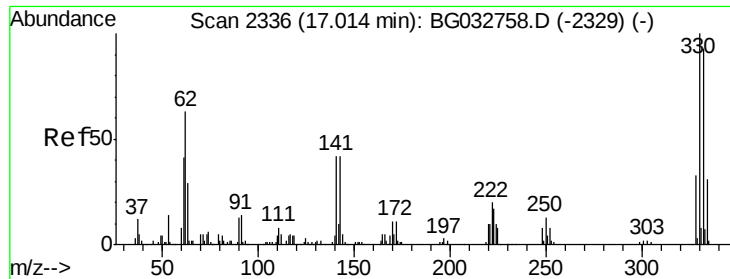
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG032993.D
Acq: 5 Mar 2018 17:13

Tgt Ion:164 Resp: 155707
Ion Ratio Lower Upper
164 100
162 105.1 78.8 118.2
160 48.7 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

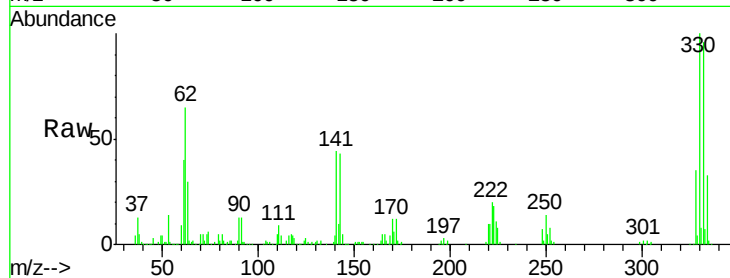




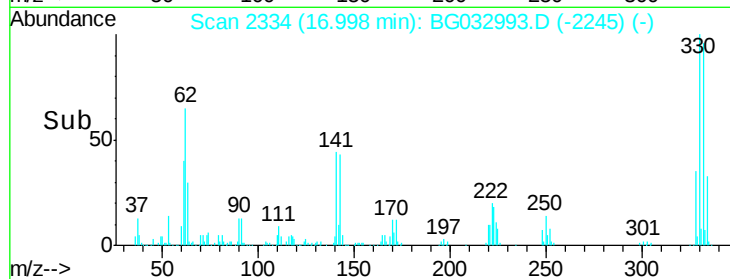
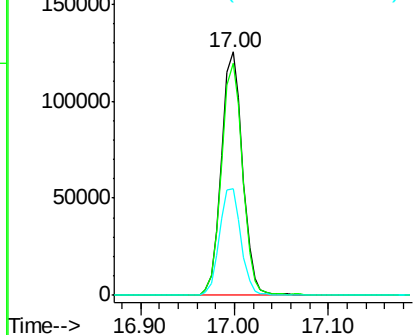
#41
 2,4,6-Tribromophenol
 Concen: 120.798 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032993.D
 Acq: 5 Mar 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 197771
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 44.5 25.2 37.8#

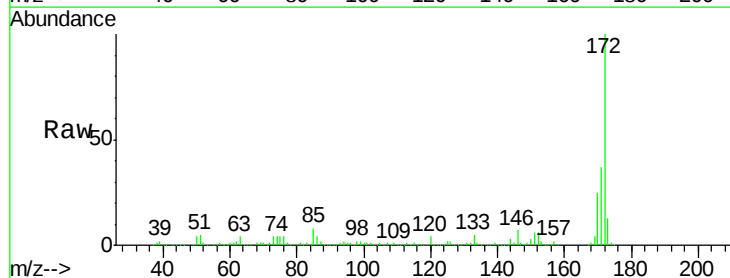


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

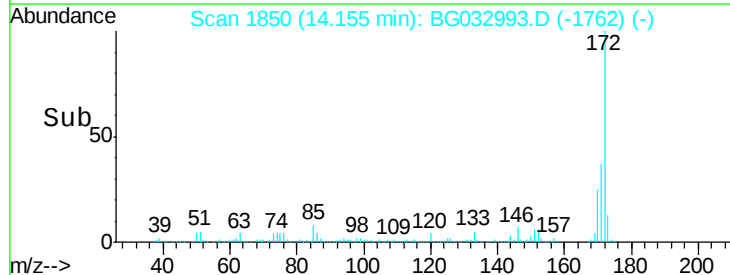
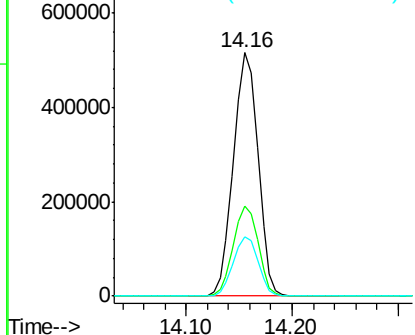


#44
 2-Fluorobiphenyl
 Concen: 76.868 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032993.D
 Acq: 5 Mar 2018 17:13

Tgt Ion:172 Resp: 829876
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.6 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

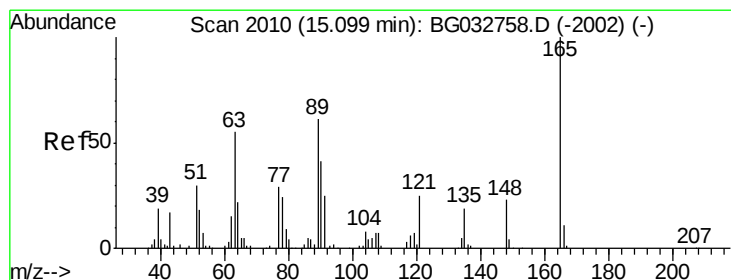
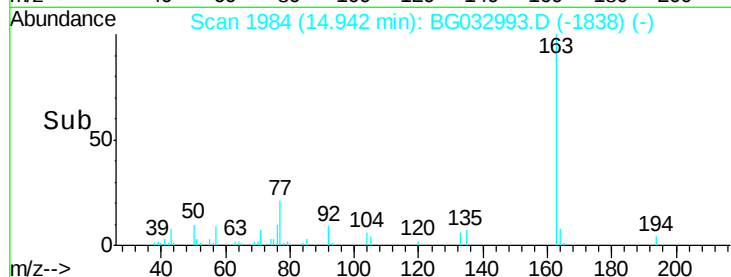
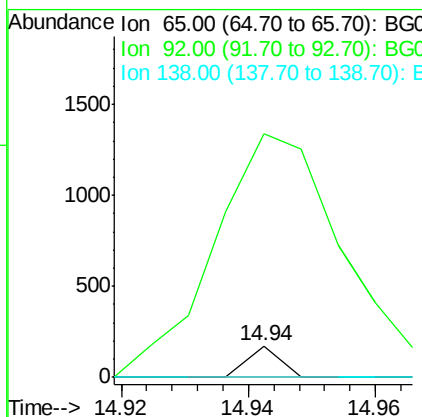
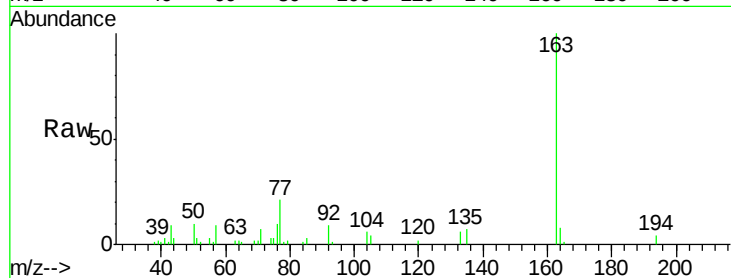




#47
2-Nitroaniline
Concen: 9.854 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.33 min
Lab File: BG032993.D
Acq: 5 Mar 2018 17:13

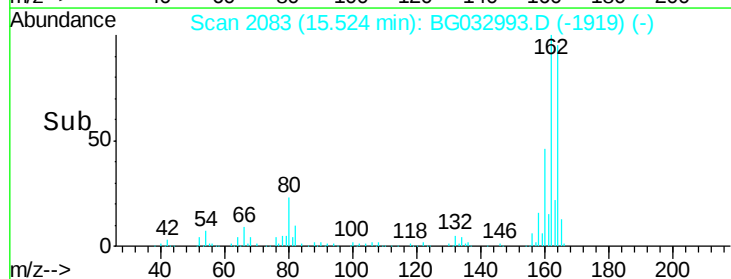
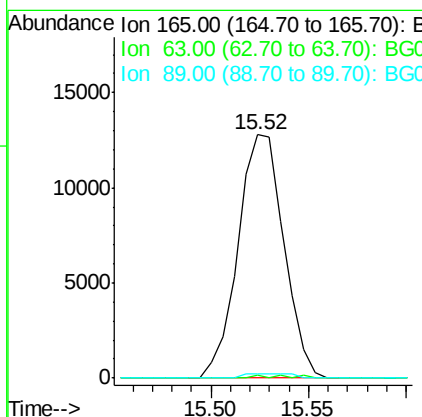
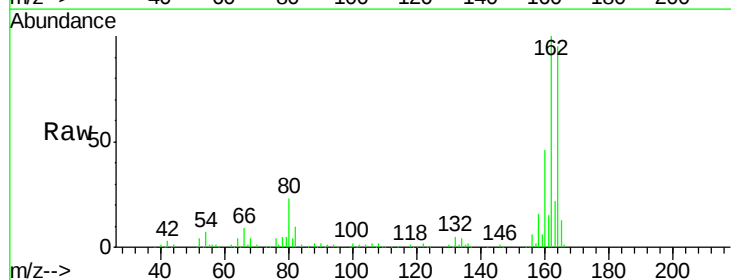
Instrument :
BNA_G
ClientSampleId :

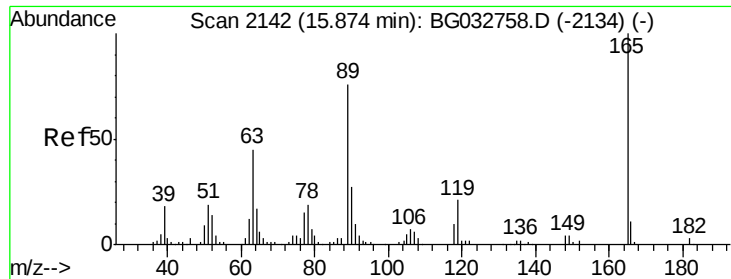
Tot Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 782.5 54.6 82.0#
138 0.0 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.640 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG032993.D
Acq: 5 Mar 2018 17:13

Tgt Ion:165 Resp: 20796
Ion Ratio Lower Upper
165 100
63 1.5 52.7 79.1#
89 1.7 49.2 73.8#

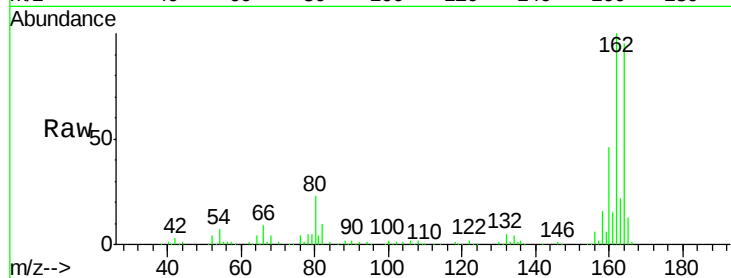




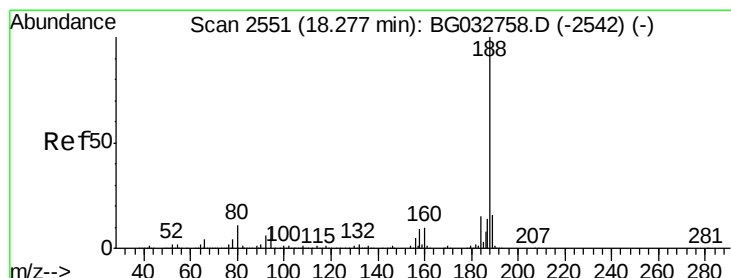
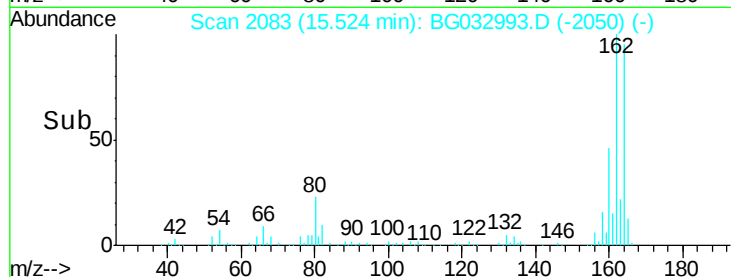
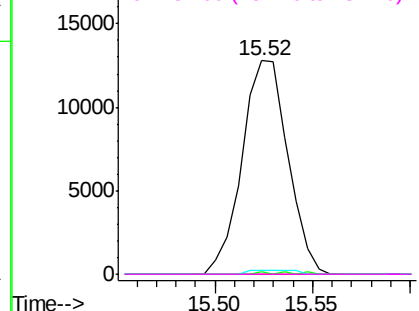
#56
 2,4-Dinitrotoluene
 Concen: 14.839 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG032993.D
 Acq: 5 Mar 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	20796
Ion Ratio	Lower	Upper
165	100	
63	1.5	42.0 63.0#
89	1.7	66.9 100.3#
182	0.0	2.6 3.8#

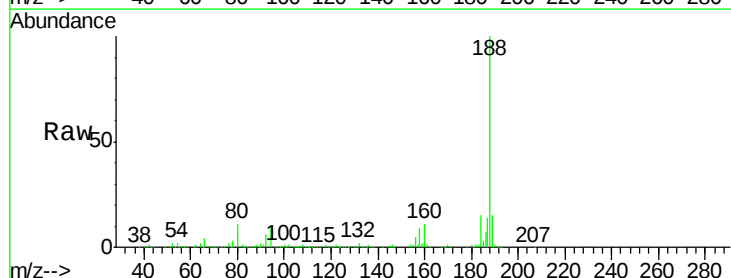


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

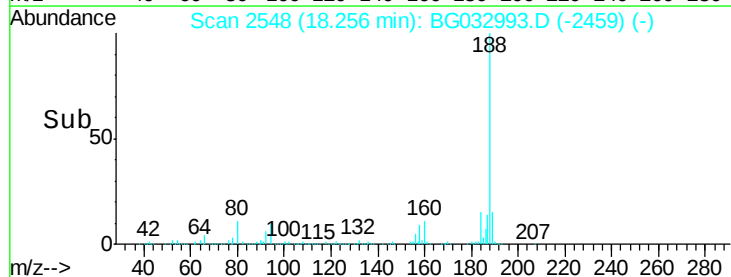
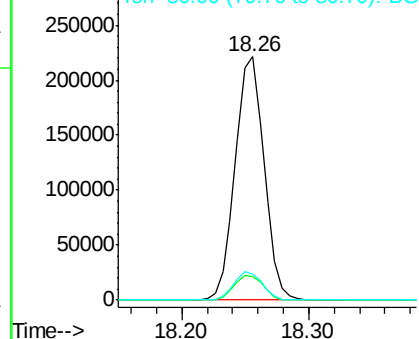


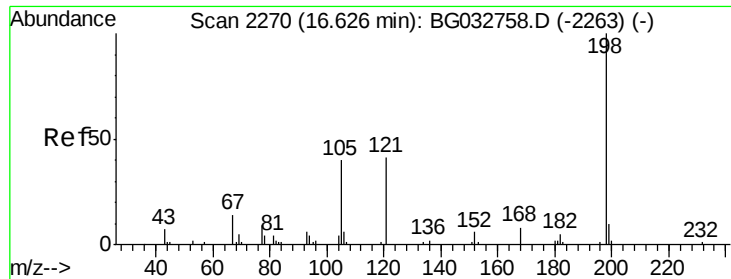
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG032993.D
 Acq: 5 Mar 2018 17:13

Tgt Ion:188	Resp:	348321
Ion Ratio	Lower	Upper
188	100	
94	9.5	6.9 10.3
80	10.7	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: 5.294 ng

RT: 16.96 min Scan# 2327

Delta R.T. 0.34 min

Lab File: BG032993.D

Acq: 5 Mar 2018 17:13

Instrument :

BNA_G

ClientSampleId :

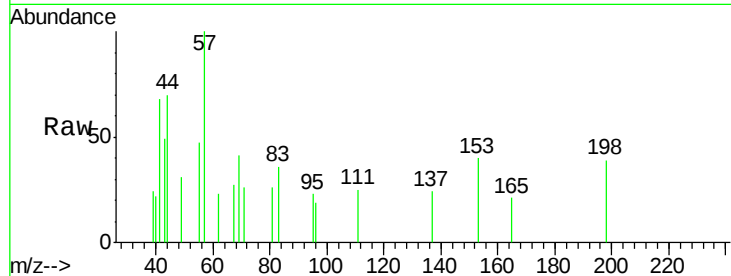
Tot Ion:198 Resp: 283

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

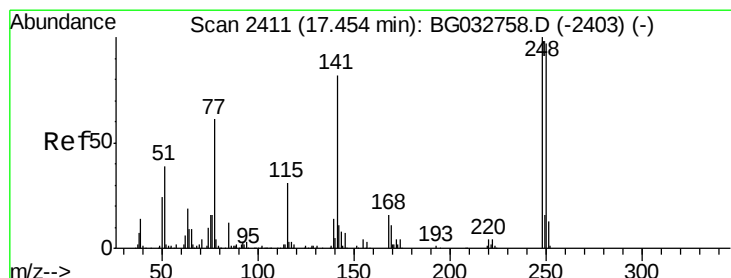
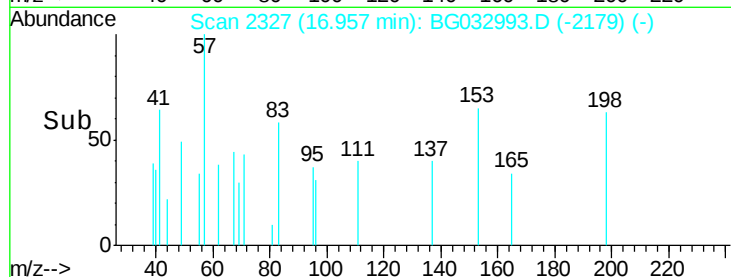
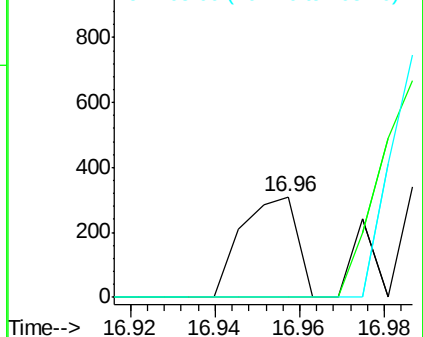
105 0.0 23.8 63.8#



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: 3.809 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.43 min

Lab File: BG032993.D

Acq: 5 Mar 2018 17:13

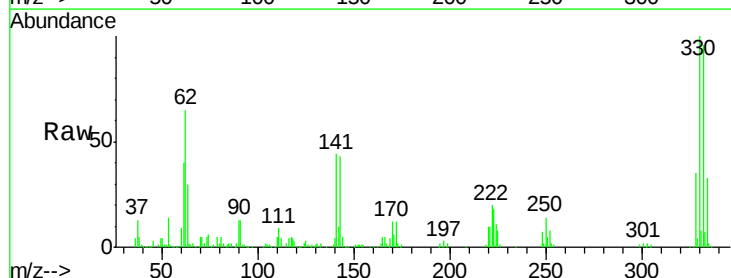
Tgt Ion:248 Resp: 14029

Ion Ratio Lower Upper

248 100

250 191.9 77.1 115.7#

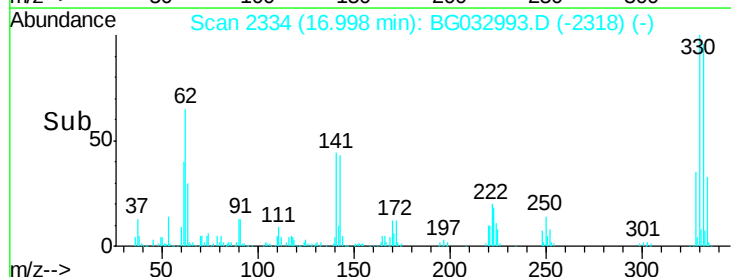
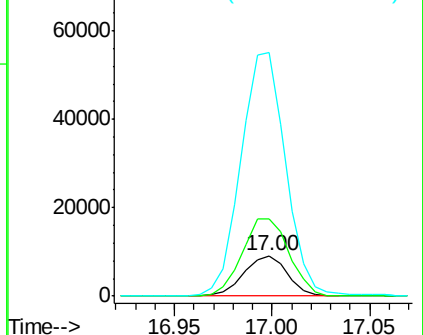
141 606.4 50.8 76.2#

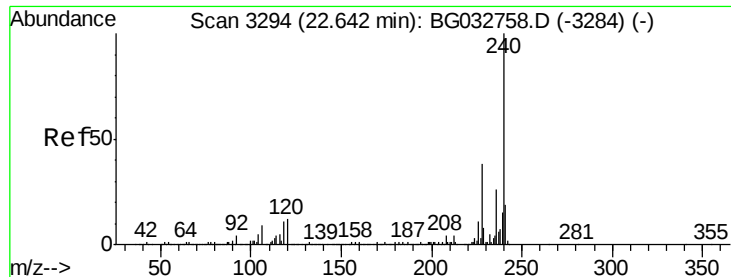


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.61 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BG032993.D

Acq: 5 Mar 2018 17:13

Instrument :

BNA_G

ClientSampled :

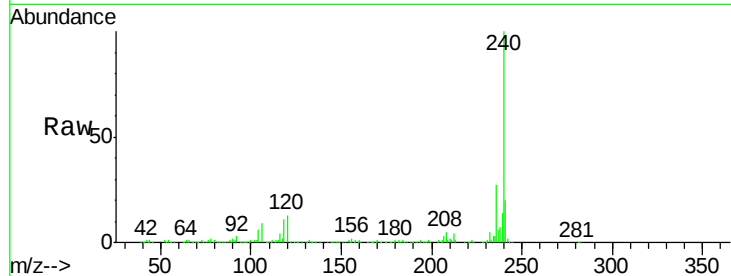
Tot Ion:240 Resp: 320430

Ion Ratio Lower Upper

240 100

120 12.8 6.8 10.2#

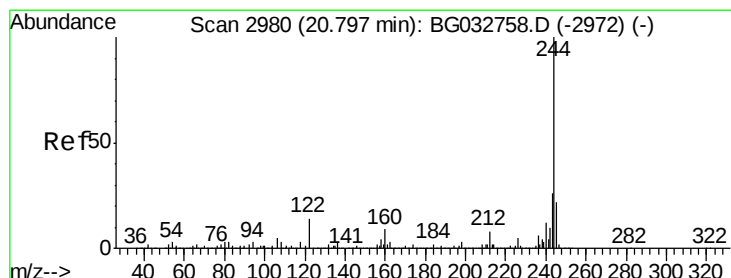
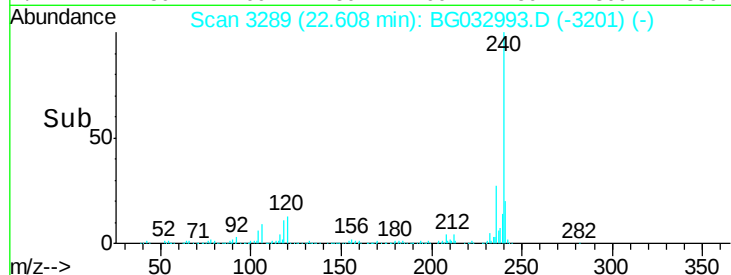
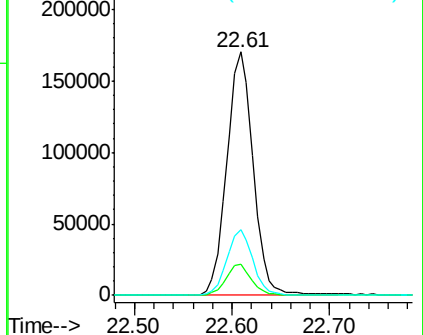
236 26.8 20.9 31.3



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: 80.672 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG032993.D

Acq: 5 Mar 2018 17:13

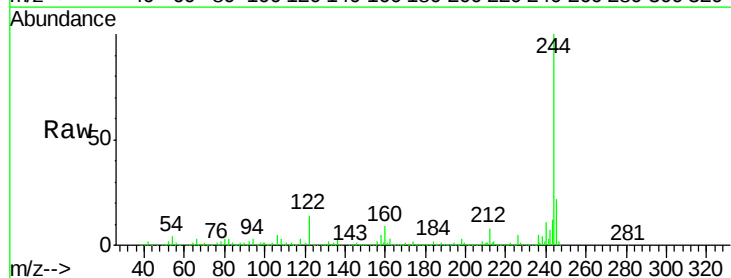
Tgt Ion:244 Resp: 1150552

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

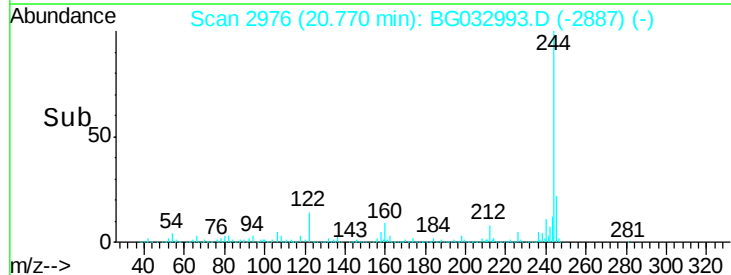
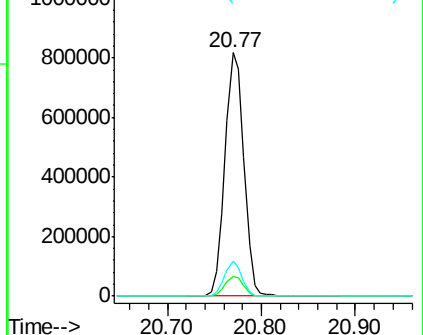
122 14.2 7.0 10.4#

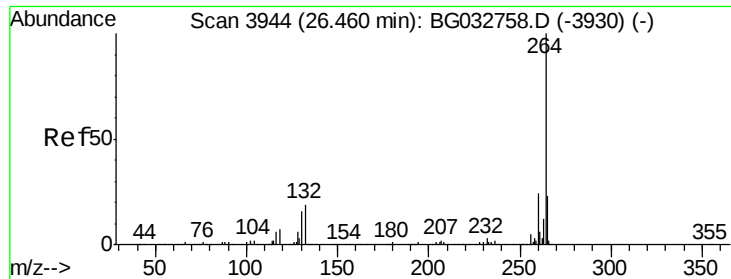


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.41 min Scan# 3936
Delta R.T. -0.02 min
Lab File: BG032993.D
Acq: 5 Mar 2018 17:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 264 Resp: 333052

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.6	17.7	26.5

