

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032932.D
 Acq On : 2 Mar 2018 00:32
 Operator : SJ/JU
 Sample : PB106984BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 10:07:39 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

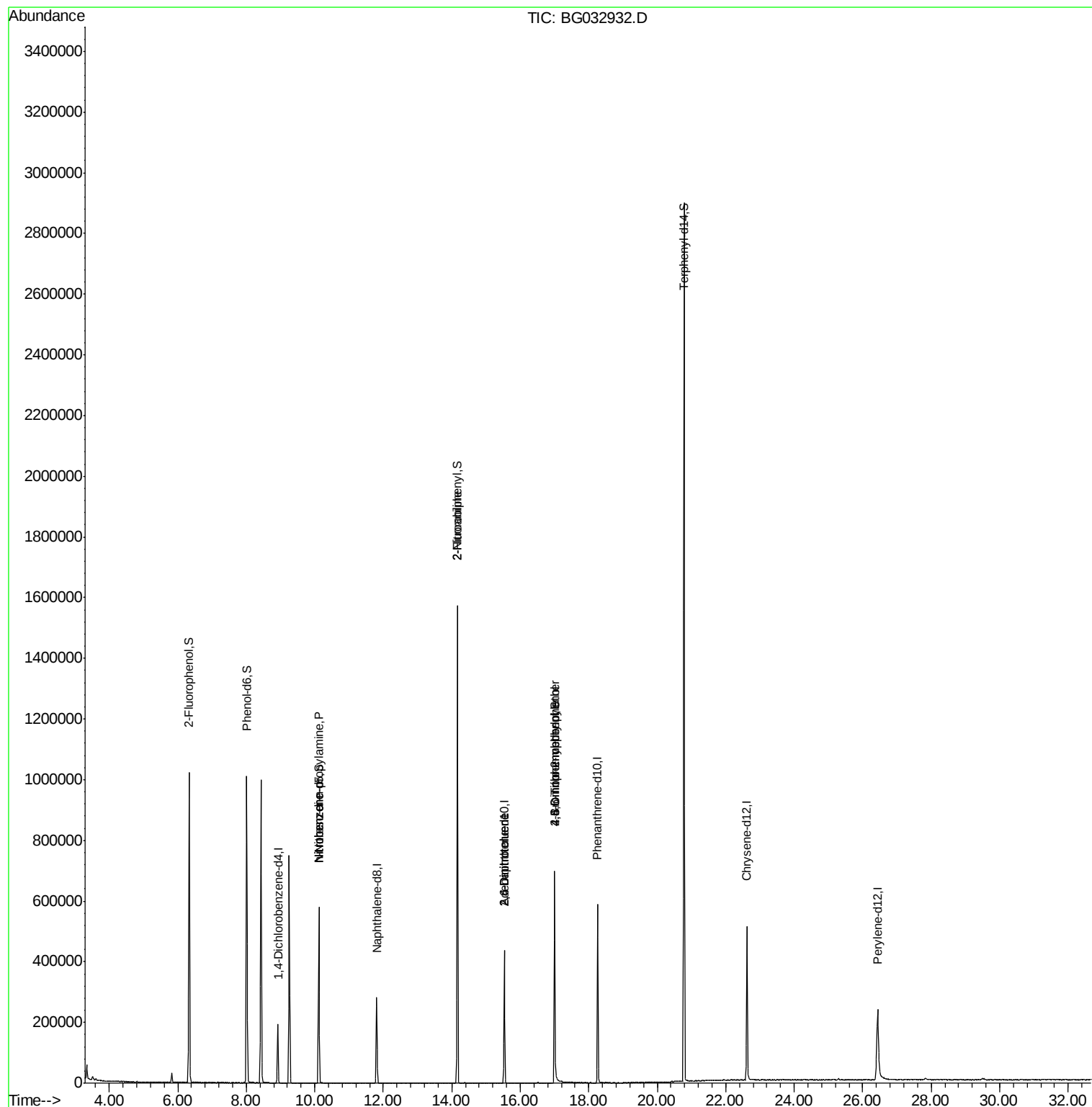
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	59172	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	260906	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	148452	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	357721	20.00	ng	0.00
75) Chrysene-d12	22.62	240	346324	20.00	ng	0.00
86) Perylene-d12	26.44	264	332156	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	494276	133.64	ng	0.00
7) Phenol-d6	8.01	99	640108	124.16	ng	0.00
23) Nitrobenzene-d5	10.12	82	368186	96.42	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	134863	86.40	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	836345	81.25	ng	0.00
78) Terphenyl-d14	20.78	244	1311099	85.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.12	70	47211	12.972	ng	# 86
24) Nitrobenzene	10.11	77	1144	6.619	ng	# 48
47) 2-Nitroaniline	14.16	65	1488	10.320	ng	# 16
50) 2,6-Dinitrotoluene	15.54	165	19669	16.578	ng	# 20
56) 2,4-Dinitrotoluene	15.54	165	19669	14.777	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	395	5.418	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	9155	2.420	ng	# 1

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

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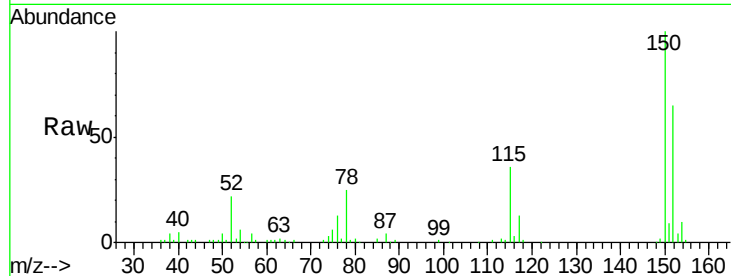


#1

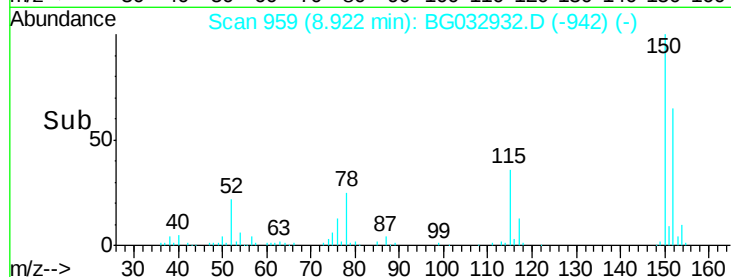
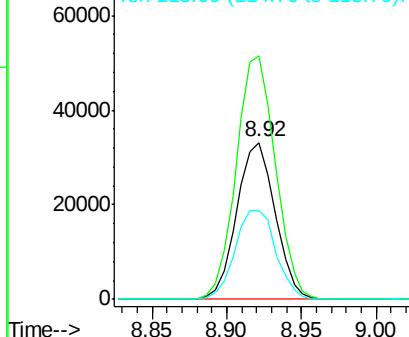
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032932.D
Acq: 2 Mar 2018 00:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59172
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 56.1 53.0 79.4



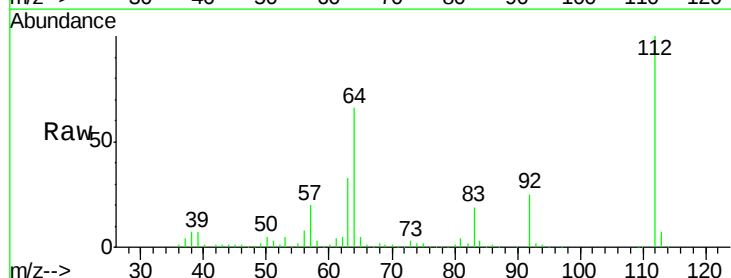
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



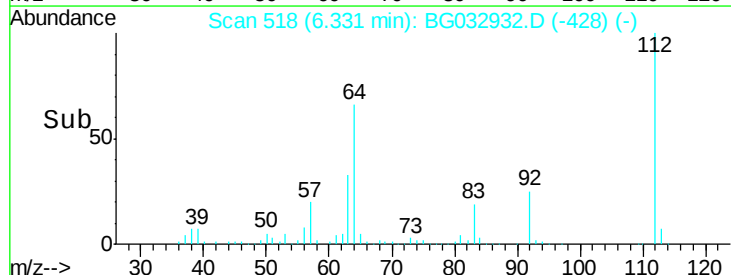
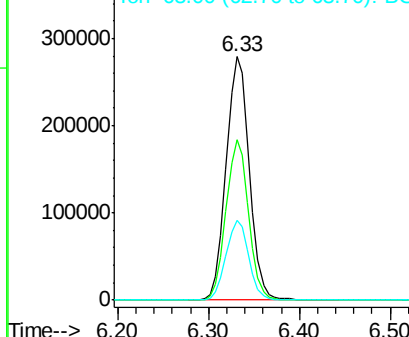
#5

2-Fluorophenol
Concen: 133.639 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032932.D
Acq: 2 Mar 2018 00:32

Tgt Ion:112 Resp: 494276
Ion Ratio Lower Upper
112 100
64 66.1 56.3 84.5
63 32.7 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: 124.165 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032932.D

Acq: 2 Mar 2018 00:32

Instrument :

BNA_G

ClientSampleId :

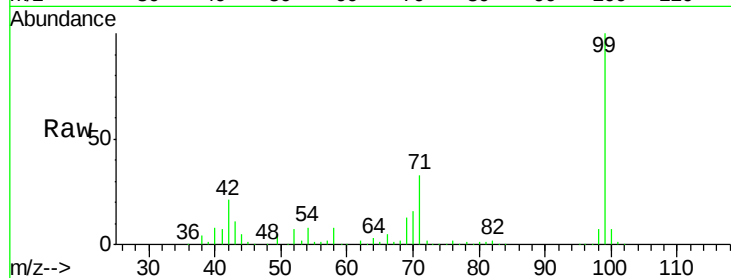
Tot Ion: 99 Resp: 640108

Ion Ratio Lower Upper

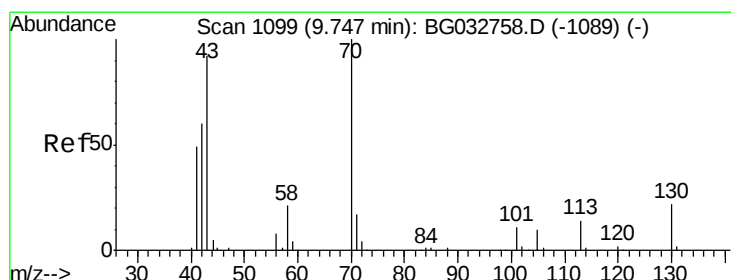
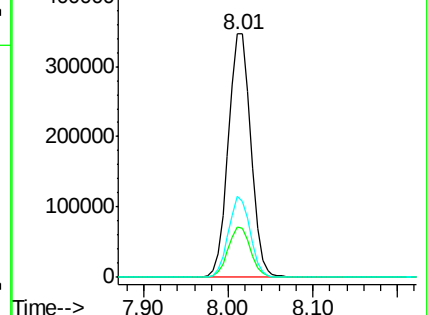
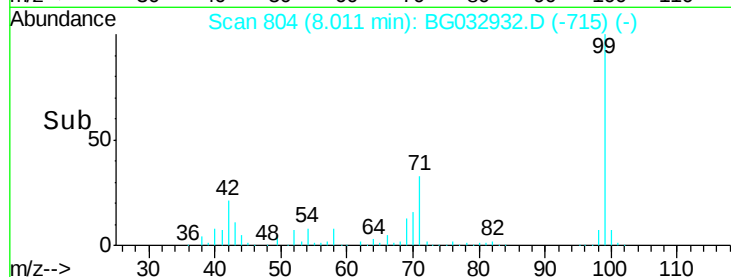
99 100

42 20.5 14.1 21.1

71 33.2 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: 12.972 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.39 min

Lab File: BG032932.D

Acq: 2 Mar 2018 00:32

Tgt Ion: 70 Resp: 47211

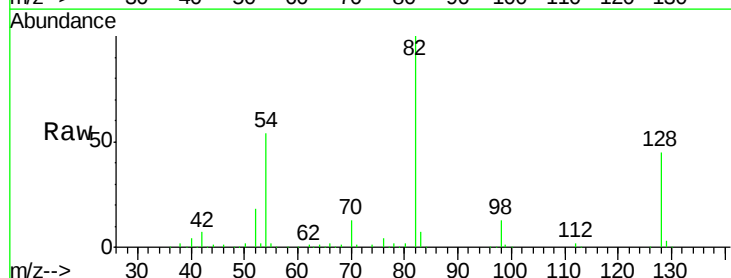
Ion Ratio Lower Upper

70 100

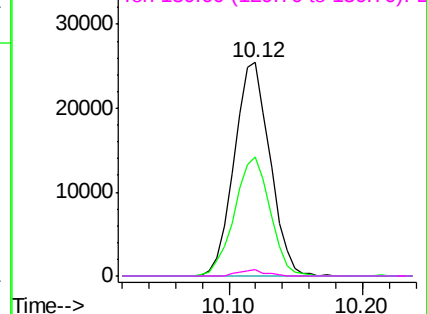
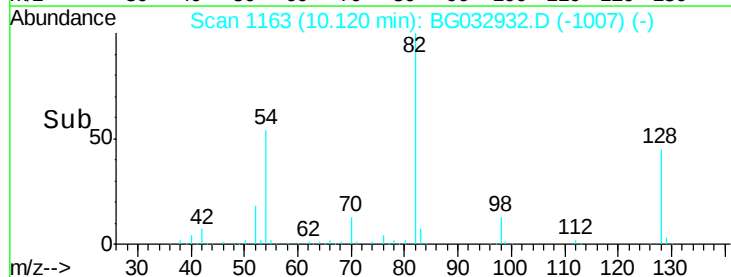
42 56.0 49.1 73.7

101 0.0 8.5 12.7#

130 2.7 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

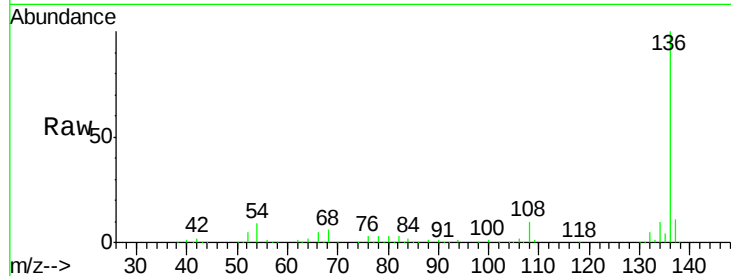




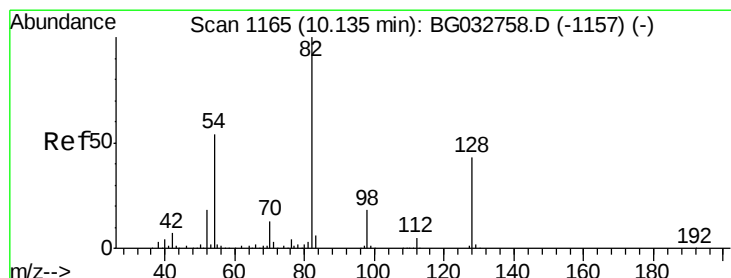
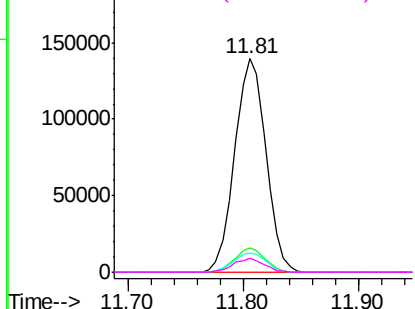
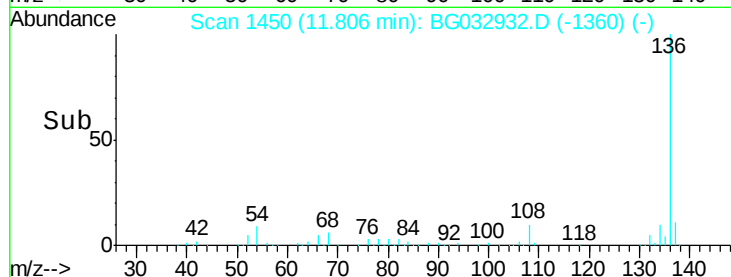
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032932.D
Acq: 2 Mar 2018 00:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	260906
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	8.9	10.3 15.5#
68	6.3	4.5 6.7

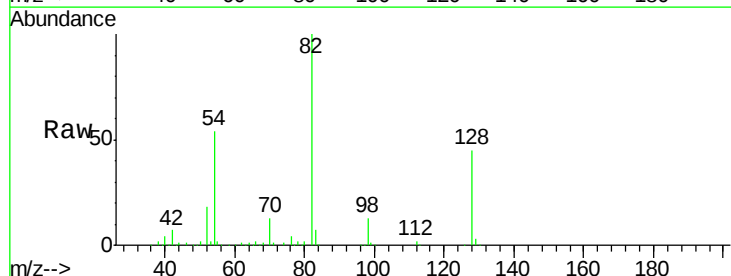


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

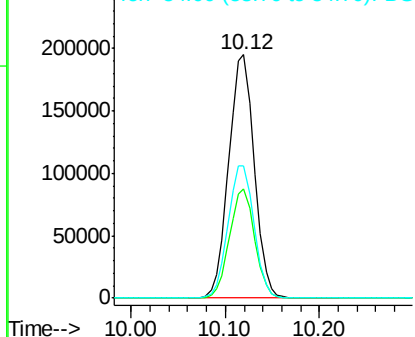
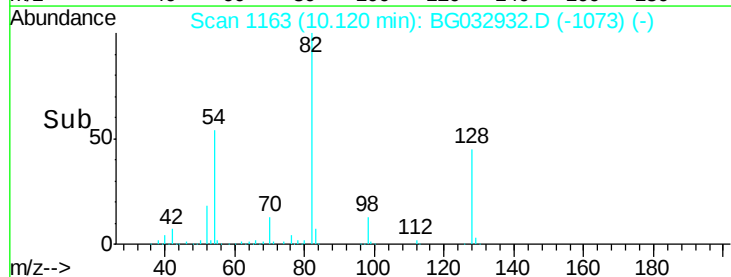


#23
Nitrobenzene-d5
Concen: 96.421 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BG032932.D
Acq: 2 Mar 2018 00:32

Tgt Ion: 82	Resp:	368186
Ion Ratio	Lower	Upper
82	100	
128	44.7	29.7 44.5#
54	54.4	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

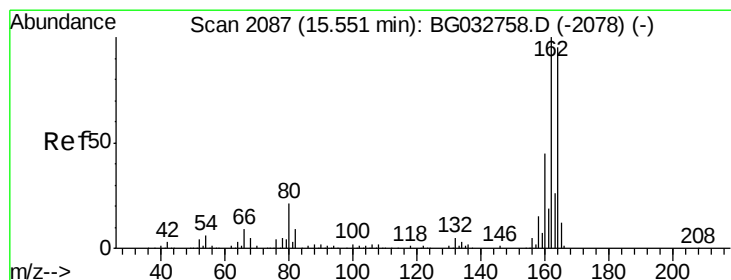
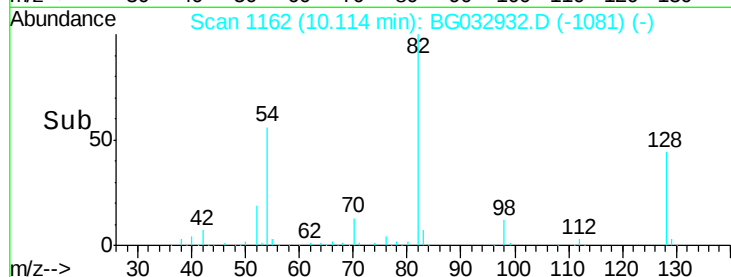
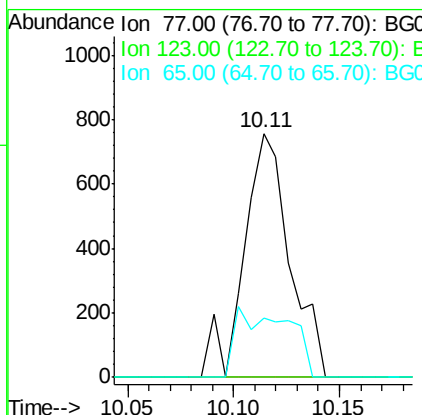
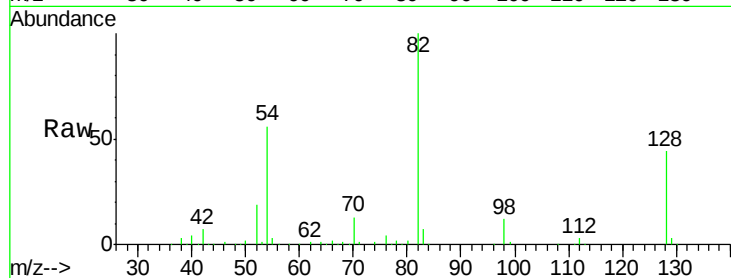




#24
 Nitrobenzene
 Concen: 6.619 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BG032932.D
 Acq: 2 Mar 2018 00:32

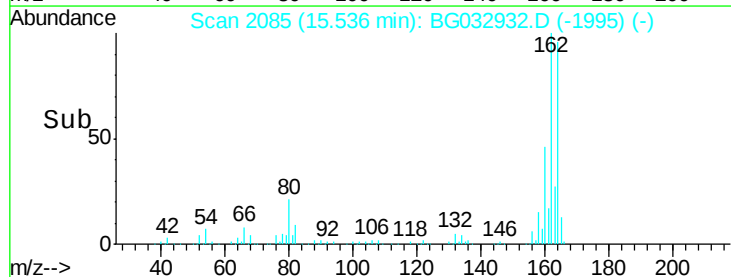
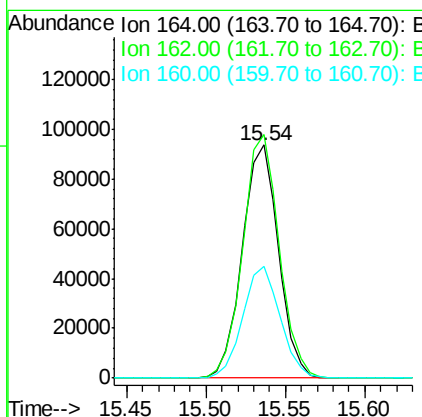
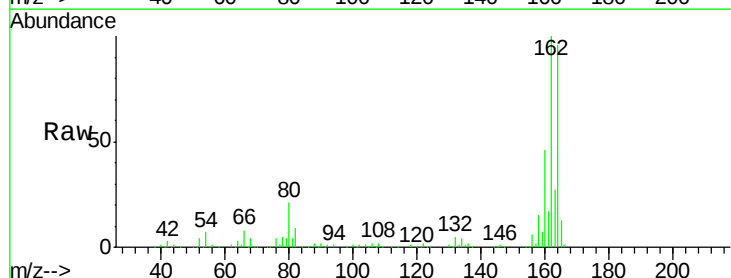
Instrument :
 BNA_G
 ClientSampled :

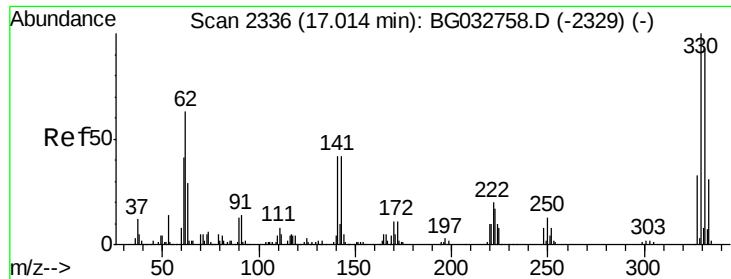
Tot Ion: 77 Resp: 1144
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 24.2 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG032932.D
 Acq: 2 Mar 2018 00:32

Tgt Ion:164 Resp: 148452
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 48.0 35.4 53.0

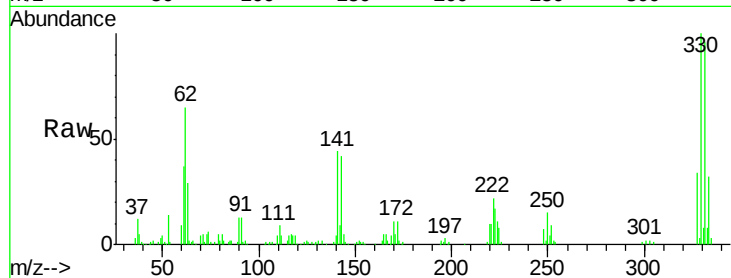




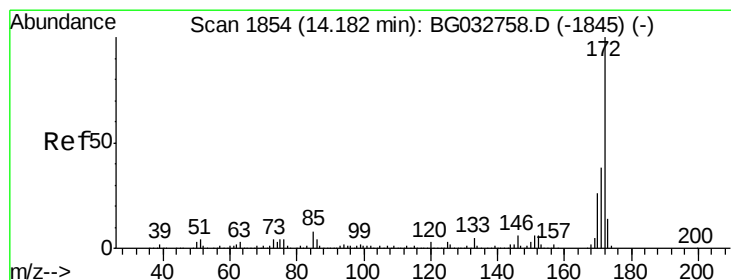
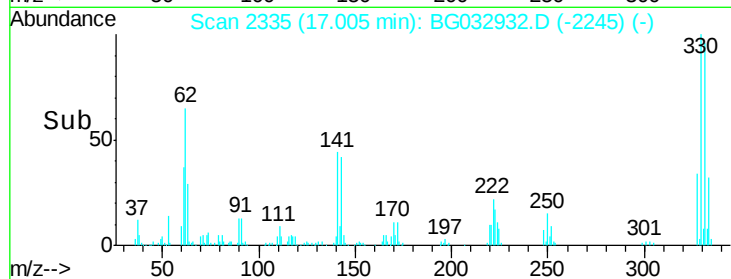
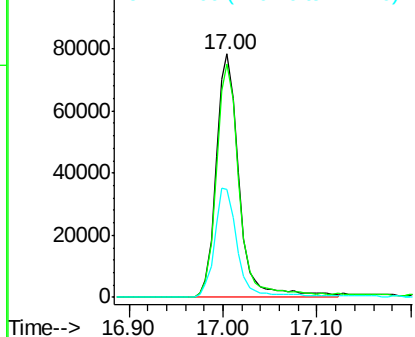
#41
 2,4,6-Tribromophenol
 Concen: 86.400 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032932.D
 Acq: 2 Mar 2018 00:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 134863
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 44.8 25.2 37.8#

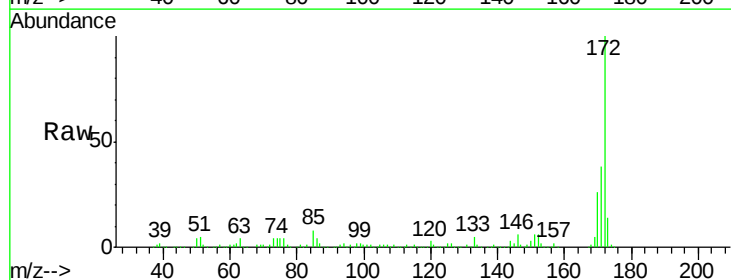


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

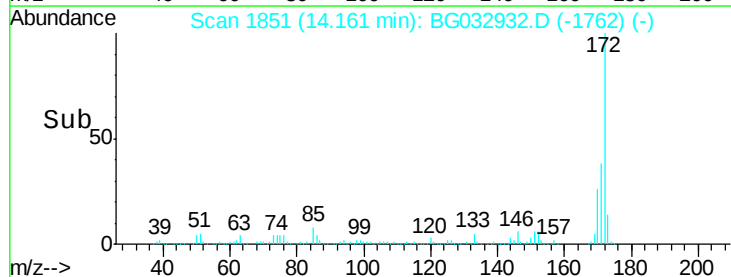
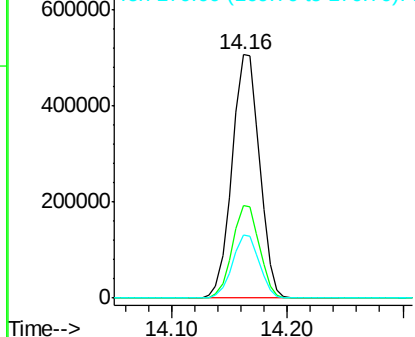


#44
 2-Fluorobiphenyl
 Concen: 81.253 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032932.D
 Acq: 2 Mar 2018 00:32

Tgt Ion:172 Resp: 836345
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 25.7 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

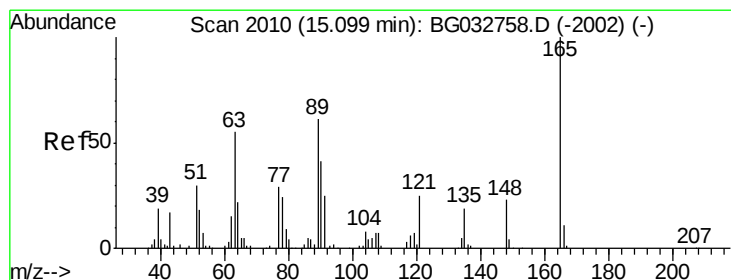
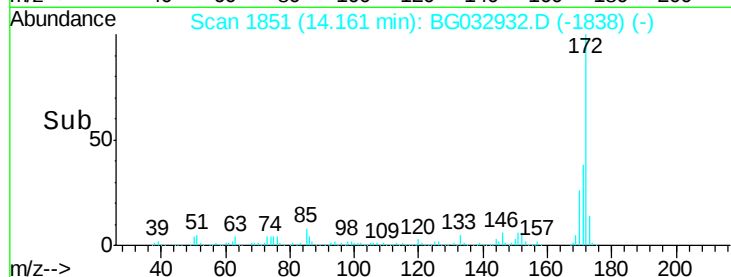
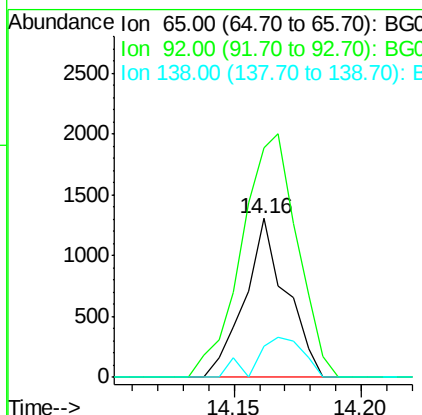
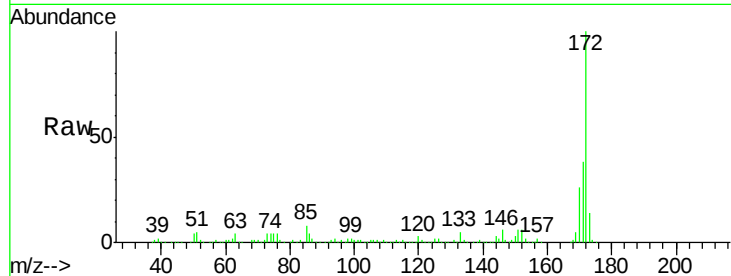




#47
2-Nitroaniline
Concen: 10.320 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.45 min
Lab File: BG032932.D
Acq: 2 Mar 2018 00:32

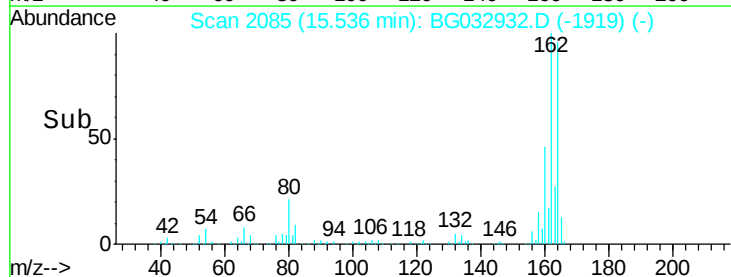
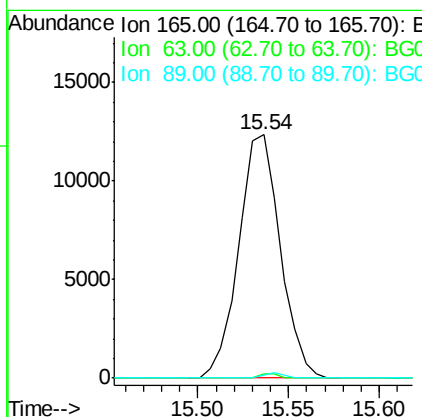
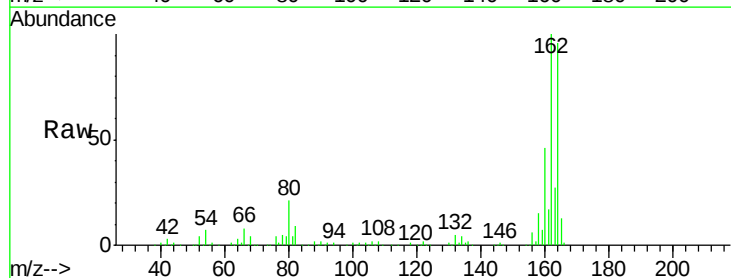
Instrument :
BNA_G
ClientSampleId :

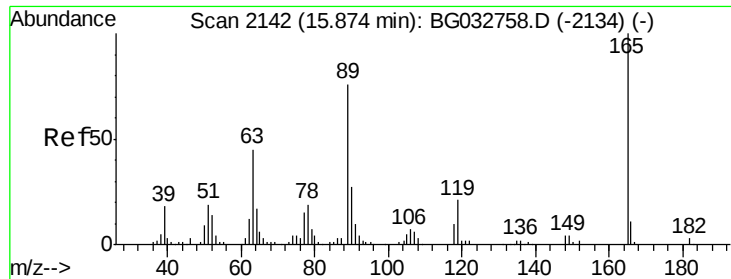
Tot Ion: 65 Resp: 1488
Ion Ratio Lower Upper
65 100
92 144.5 54.6 82.0#
138 19.4 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.578 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.45 min
Lab File: BG032932.D
Acq: 2 Mar 2018 00:32

Tgt Ion:165 Resp: 19669
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 1.4 49.2 73.8#

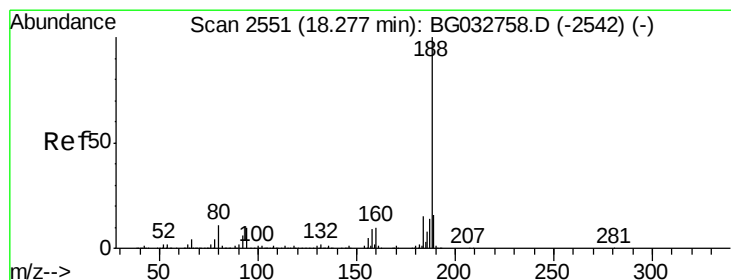
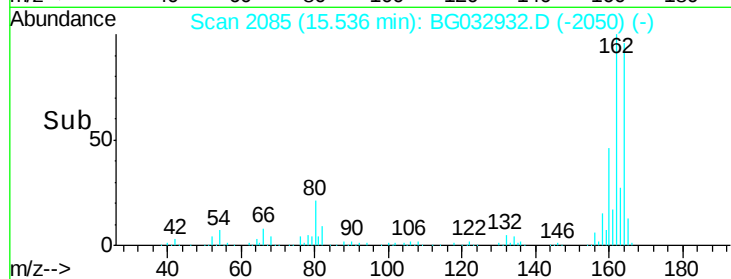
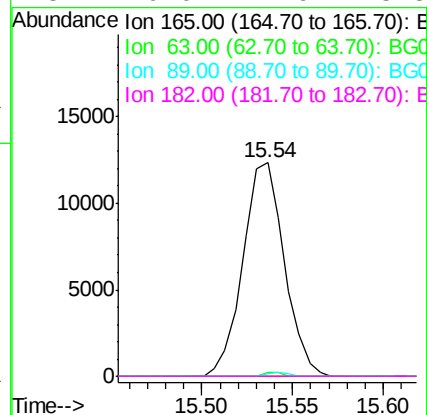
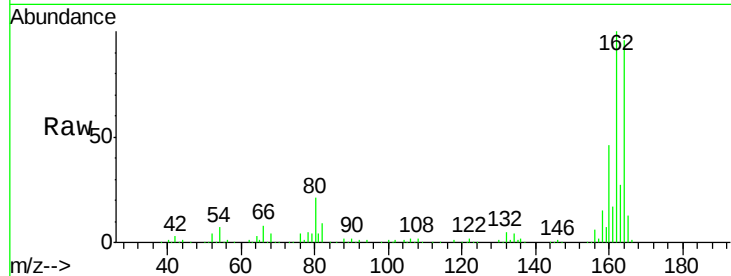




#56
 2,4-Dinitrotoluene
 Concen: 14.777 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.32 min
 Lab File: BG032932.D
 Acq: 2 Mar 2018 00:32

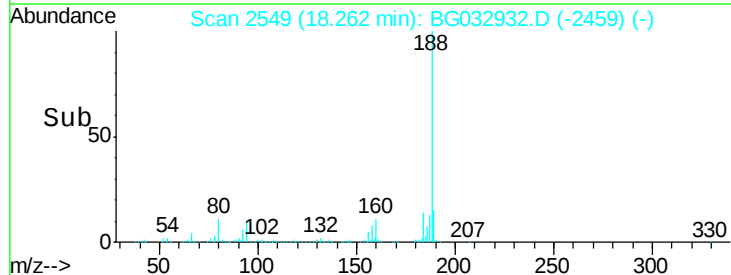
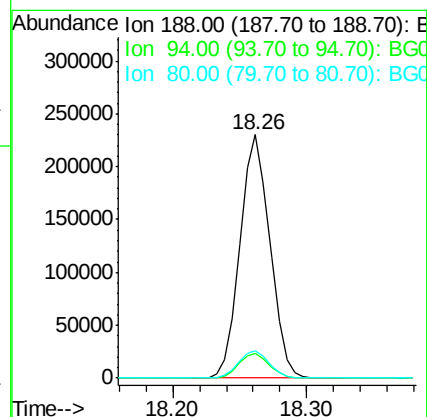
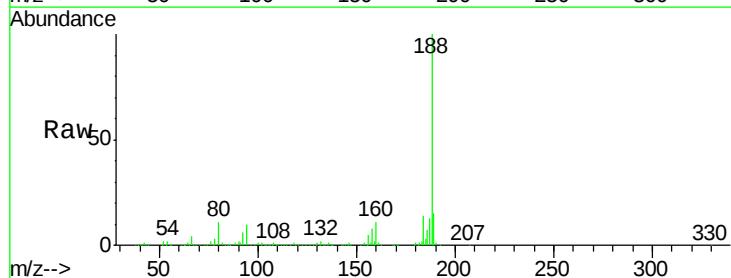
Instrument :
 BNA_G
 ClientSampleId :

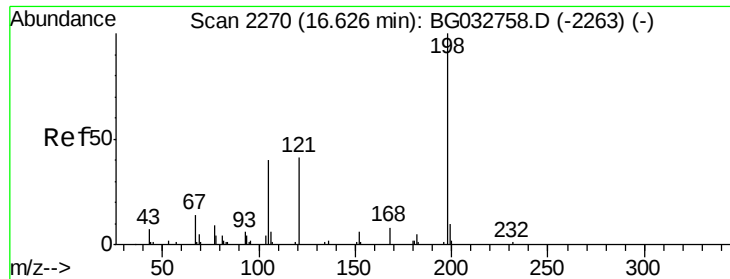
Tot Ion:165	Resp:	19669
Ion Ratio	Lower	Upper
165 100		
63 1.7	42.0	63.0#
89 1.4	66.9	100.3#
182 0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BG032932.D
 Acq: 2 Mar 2018 00:32

Tgt	Ion:188	Resp:	357721
Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.9	10.3#
80	11.2	7.7	11.5

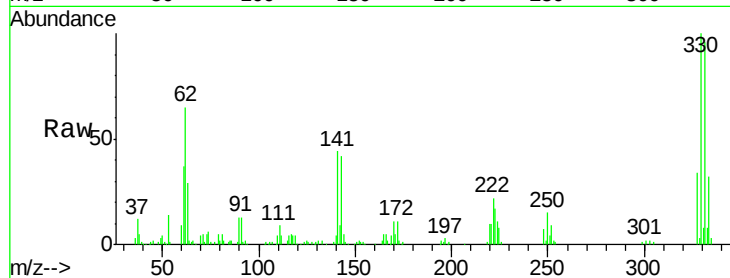




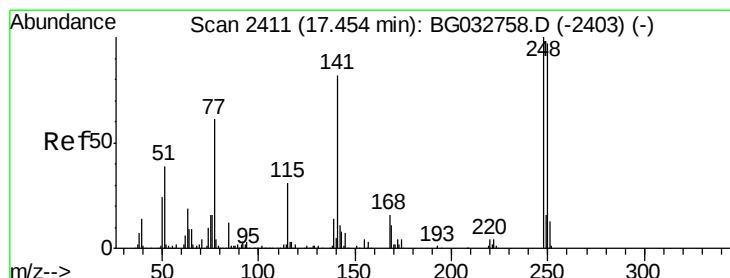
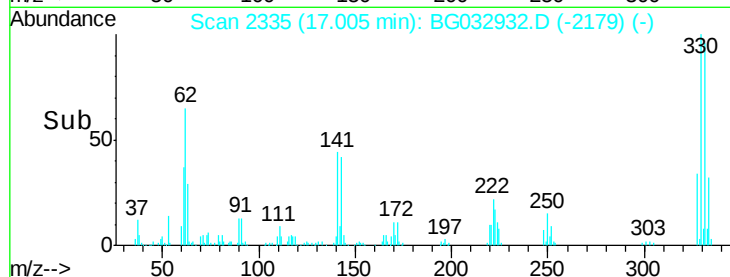
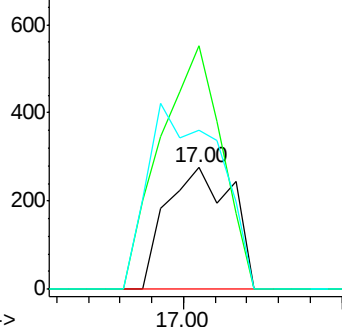
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.418 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.39 min
 Lab File: BG032932.D
 Acq: 2 Mar 2018 00:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 395
 Ion Ratio Lower Upper
 198 100
 51 200.0 30.6 70.6#
 105 131.2 23.8 63.8#

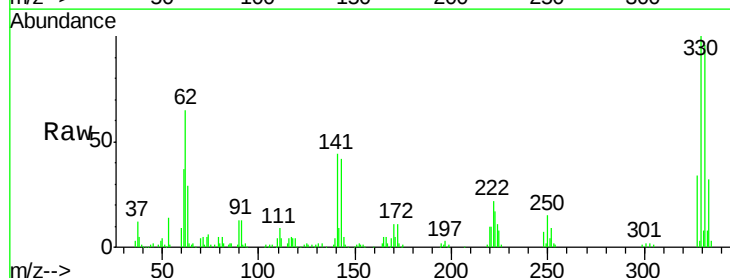


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

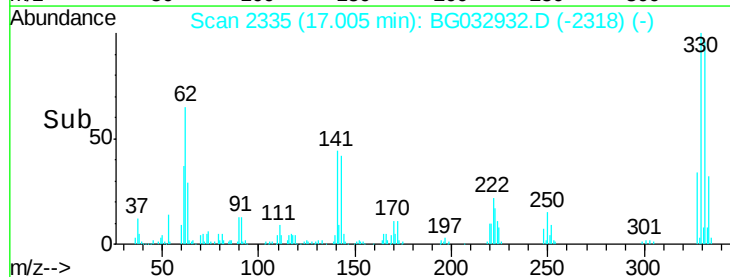
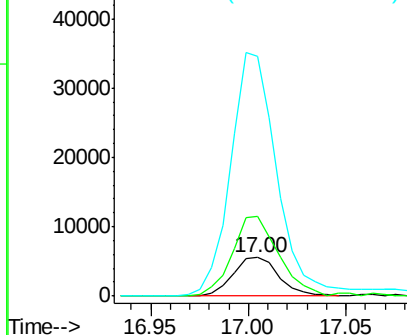


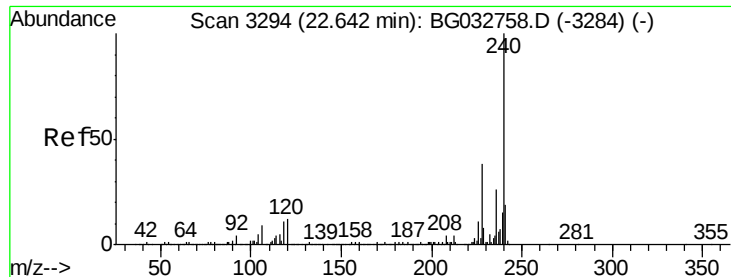
#66
 4-Bromophenyl-phenylether
 Concen: 2.420 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. -0.43 min
 Lab File: BG032932.D
 Acq: 2 Mar 2018 00:32

Tgt Ion:248 Resp: 9155
 Ion Ratio Lower Upper
 248 100
 250 205.0 77.1 115.7#
 141 621.0 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: BG032932.D

Acq: 2 Mar 2018 00:32

Instrument :

BNA_G

ClientSampleId :

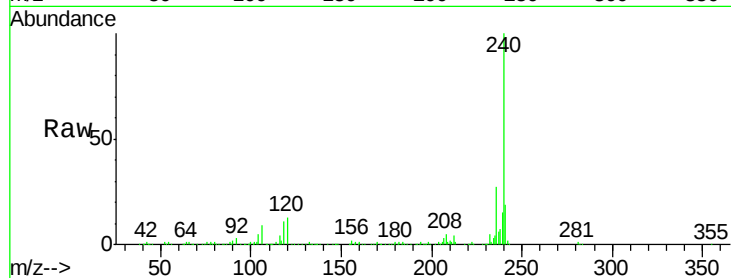
Tot Ion:240 Resp: 346324

Ion Ratio Lower Upper

240 100

120 12.6 6.8 10.2#

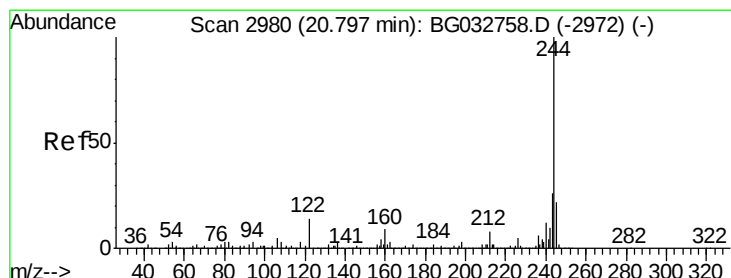
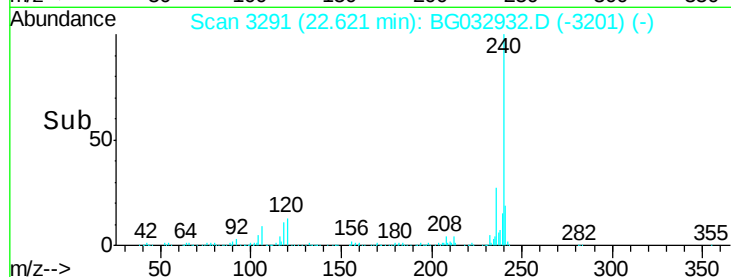
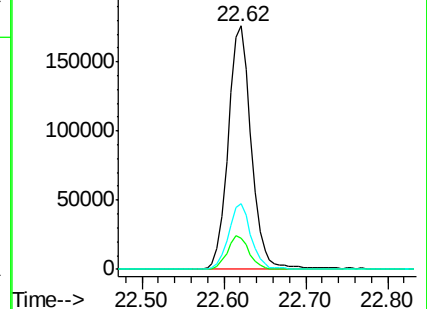
236 26.9 20.9 31.3



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: 85.056 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032932.D

Acq: 2 Mar 2018 00:32

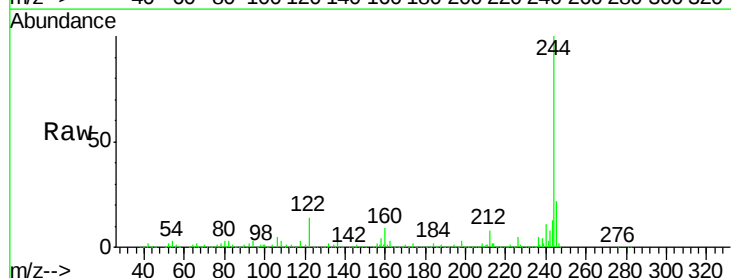
Tgt Ion:244 Resp: 1311099

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

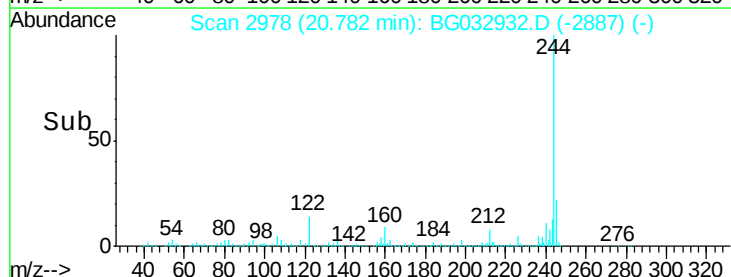
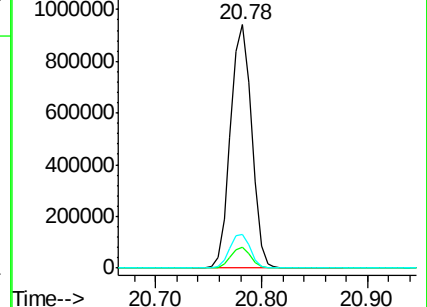
122 13.7 7.0 10.4#

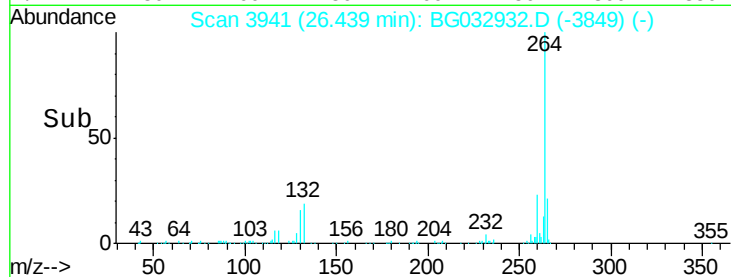
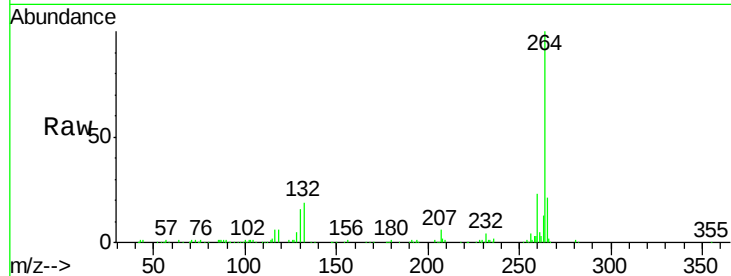
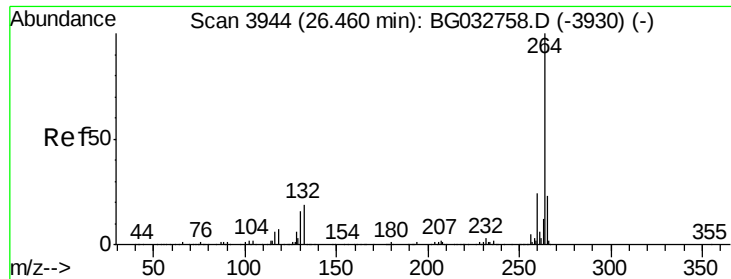


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3941
Delta R.T. 0.01 min
Lab File: BG032932.D
Acq: 2 Mar 2018 00:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.2	17.7	26.5

