

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033008.D
 Acq On : 6 Mar 2018 4:00
 Operator : SJ/JU
 Sample : J1761-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 06:56:39 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

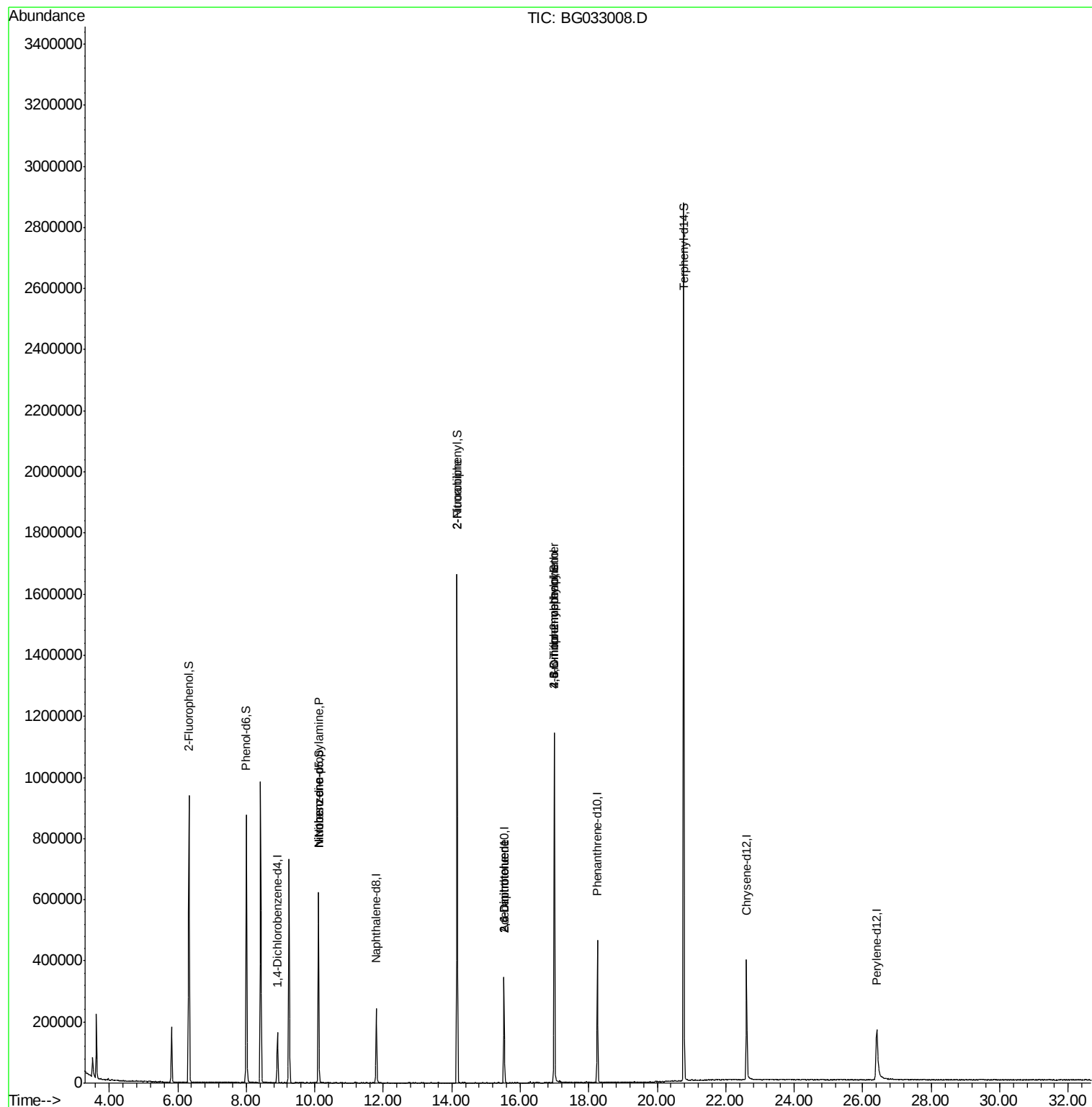
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	49678	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	216861	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	122695	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	293163	20.00	ng	0.00
75) Chrysene-d12	22.61	240	273035	20.00	ng	-0.01
86) Perylene-d12	26.42	264	258872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	428132	137.88	ng	0.00
7) Phenol-d6	8.01	99	528748	122.16	ng	-0.01
23) Nitrobenzene-d5	10.11	82	382438	118.02	ng	-0.01
41) 2,4,6-Tribromophenol	17.00	330	202308	156.82	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	838152	98.52	ng	-0.01
78) Terphenyl-d14	20.77	244	1344750	110.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	49330	16.144	ng	# 84
24) Nitrobenzene	10.11	77	1061	6.646	ng	# 43
47) 2-Nitroaniline	14.15	65	1629	10.477	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	15451	16.198	ng	# 18
56) 2,4-Dinitrotoluene	15.52	165	15451	14.394	ng	# 16
64) 4,6-Dinitro-2-methylphenol	17.00	198	646	5.884	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	15099	4.871	ng	# 1

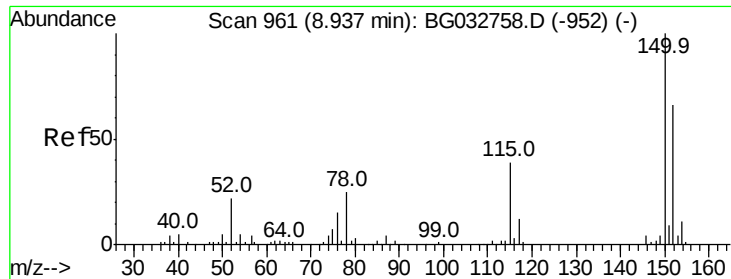
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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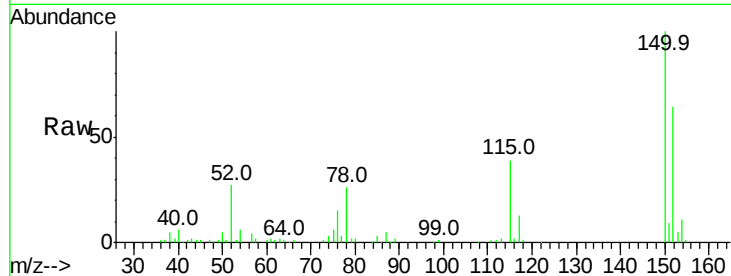


#1

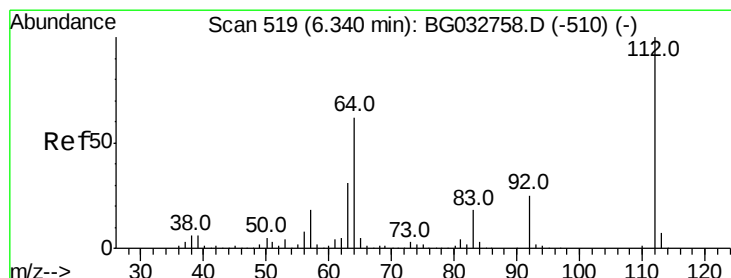
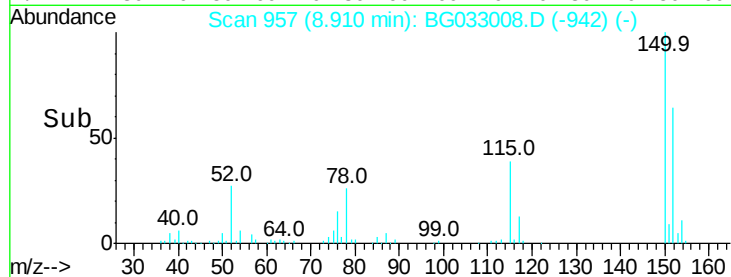
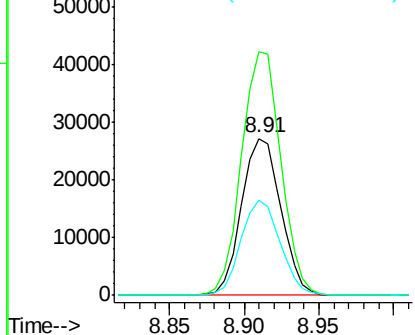
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG033008.D
Acq: 6 Mar 2018 4:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49678
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 60.4 53.0 79.4



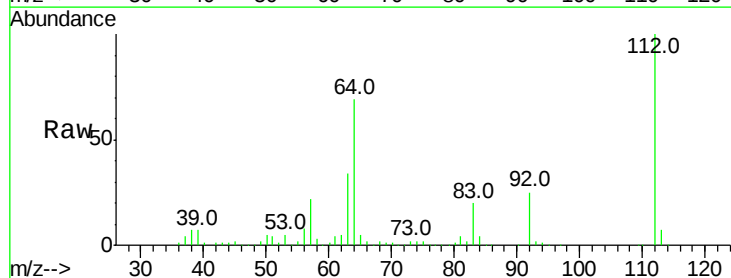
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



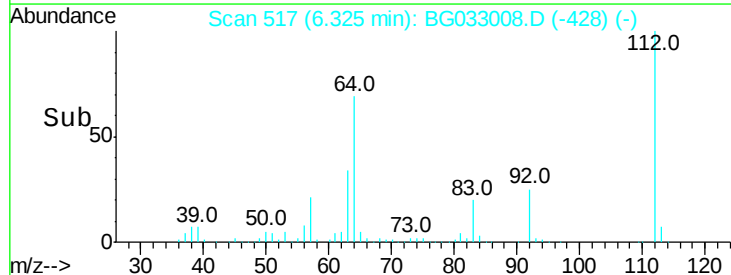
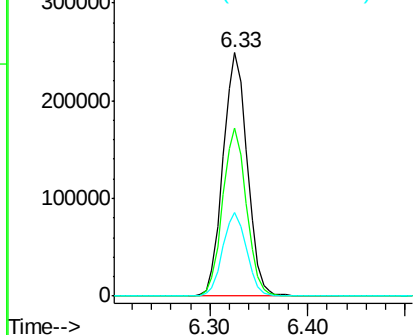
#5

2-Fluorophenol
Concen: 137.878 ng
RT: 6.33 min Scan# 517
Delta R.T. -0.00 min
Lab File: BG033008.D
Acq: 6 Mar 2018 4:00

Tgt Ion:112 Resp: 428132
Ion Ratio Lower Upper
112 100
64 69.2 56.3 84.5
63 34.3 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: 122.165 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033008.D

Acq: 6 Mar 2018 4:00

Instrument :

BNA_G

ClientSampleId :

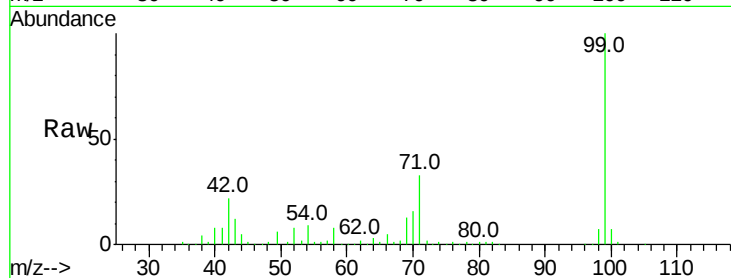
Tot Ion: 99 Resp: 528748

Ion Ratio Lower Upper

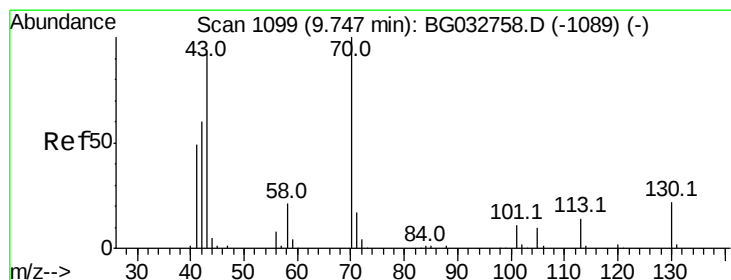
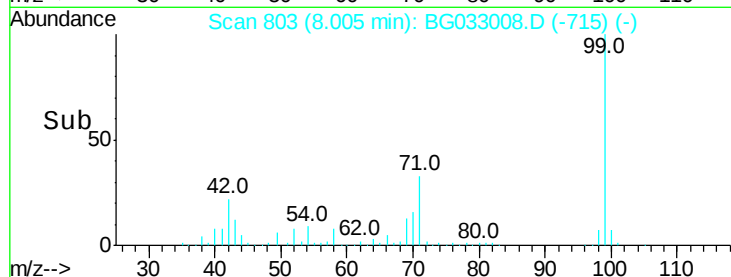
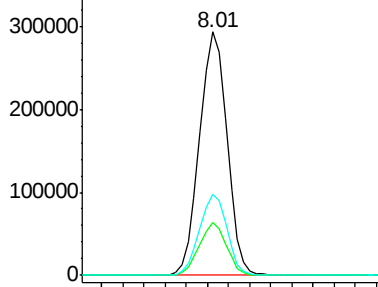
99 100

42 21.6 14.1 21.1#

71 33.3 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: 16.144 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.38 min

Lab File: BG033008.D

Acq: 6 Mar 2018 4:00

Tgt Ion: 70 Resp: 49330

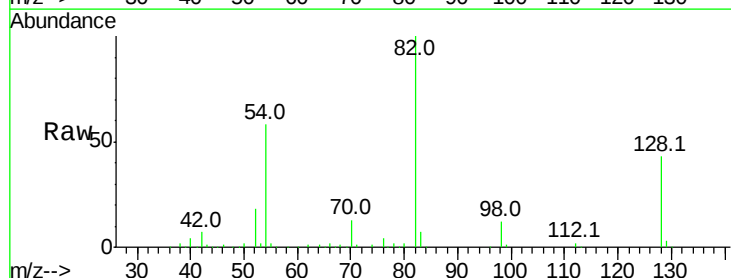
Ion Ratio Lower Upper

70 100

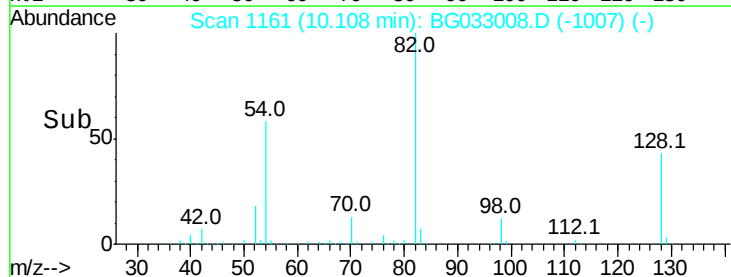
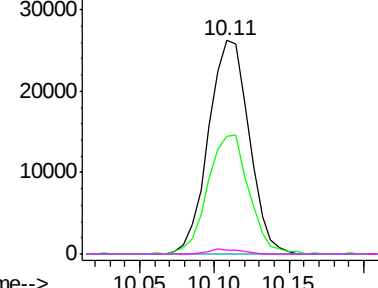
42 55.0 49.1 73.7

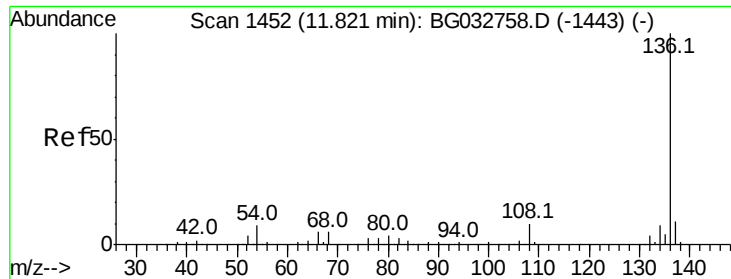
101 0.0 8.5 12.7#

130 1.8 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

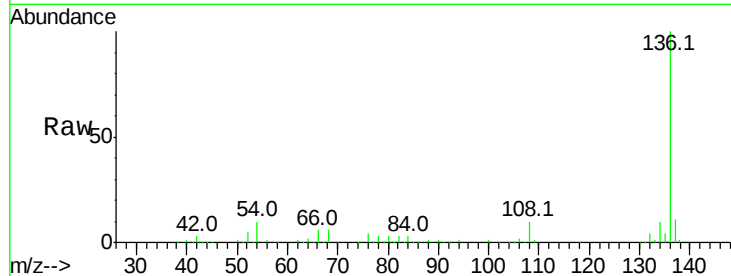




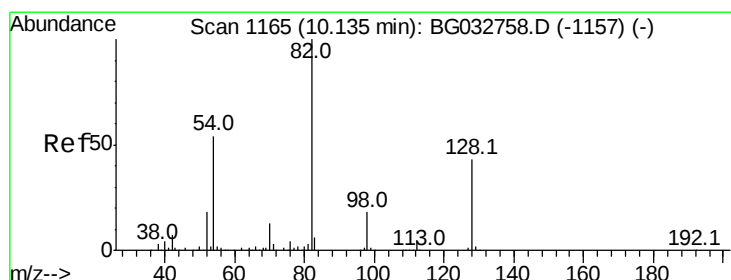
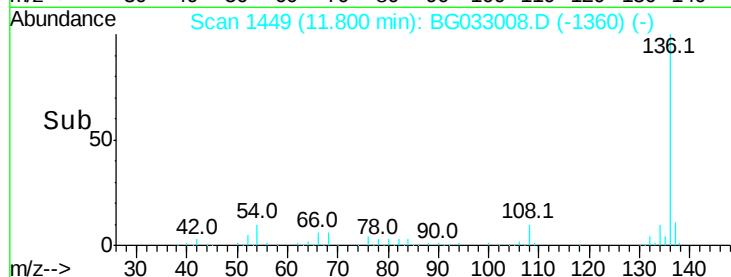
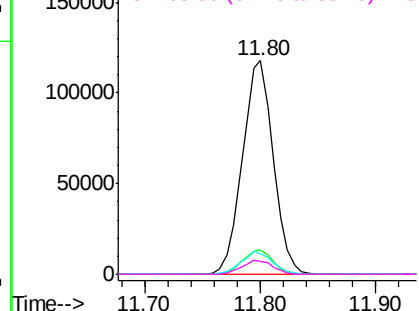
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033008.D
Acq: 6 Mar 2018 4:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	216861
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	9.9	10.3	15.5
68	6.3	4.5	6.7

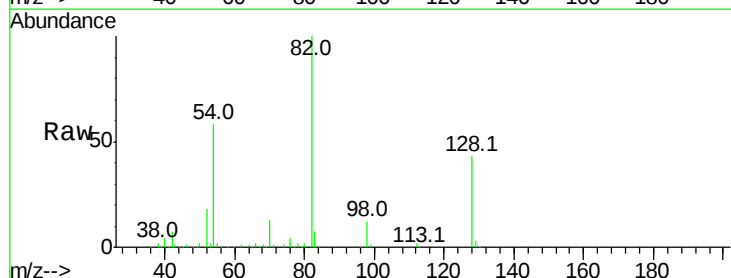


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

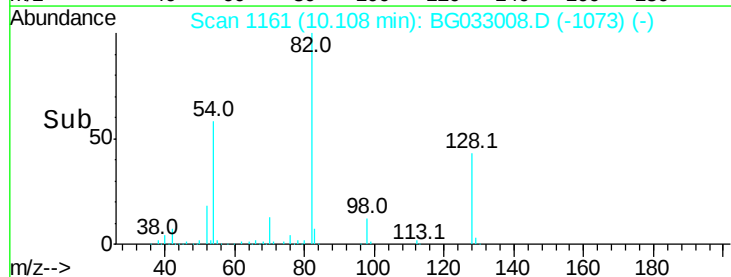
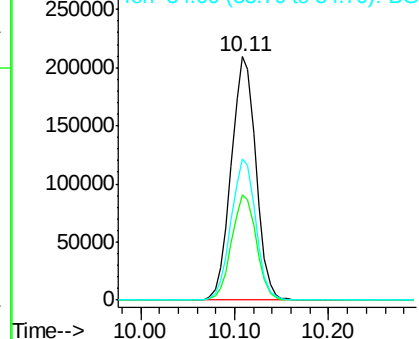


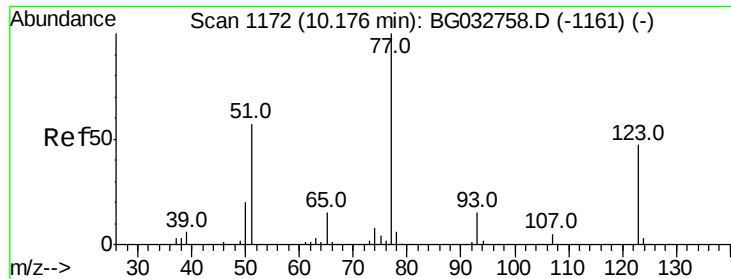
#23
Nitrobenzene-d5
Concen: 118.020 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033008.D
Acq: 6 Mar 2018 4:00

Tgt Ion:	82	Resp:	382438
Ion	Ratio	Lower	Upper
82	100		
128	43.1	29.7	44.5
54	57.8	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

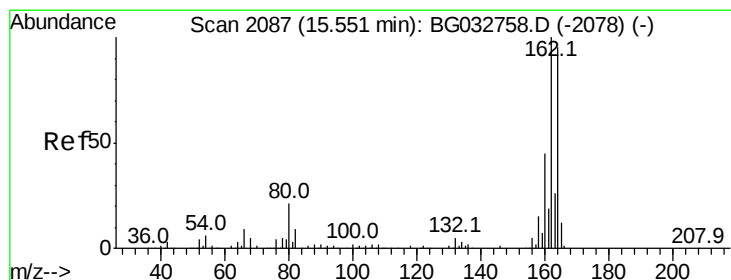
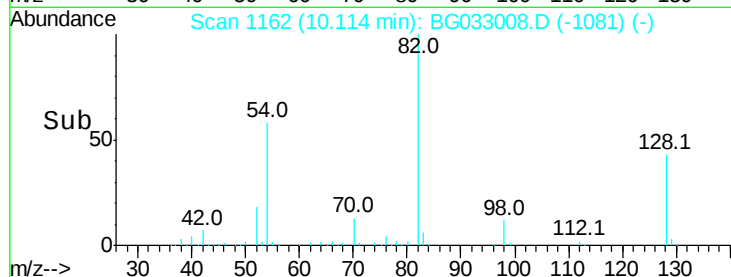
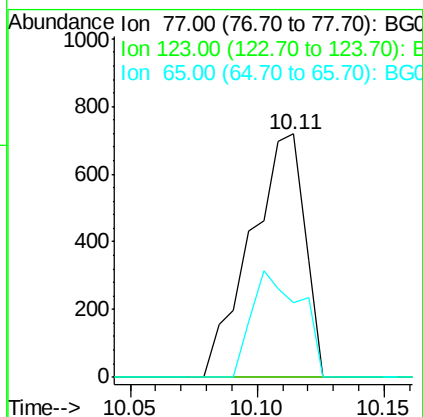
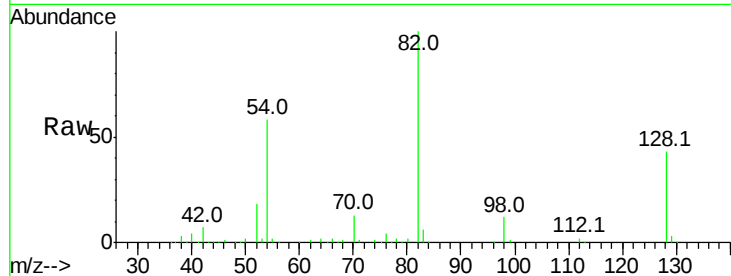




#24
Nitrobenzene
Concen: 6.646 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BG033008.D
Acq: 6 Mar 2018 4:00

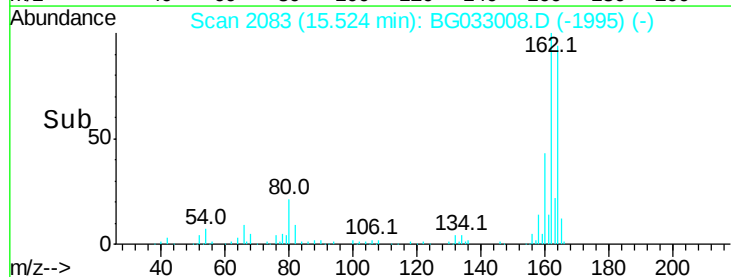
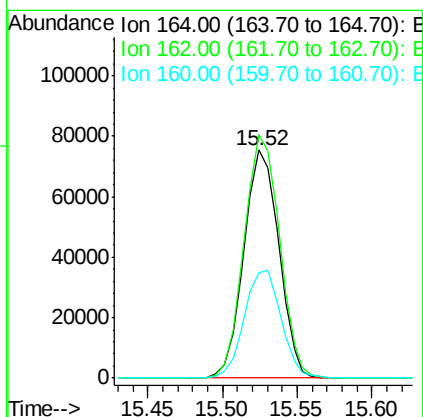
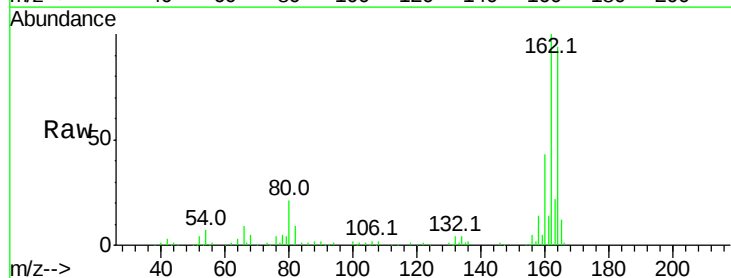
Instrument :
BNA_G
ClientSampleId :

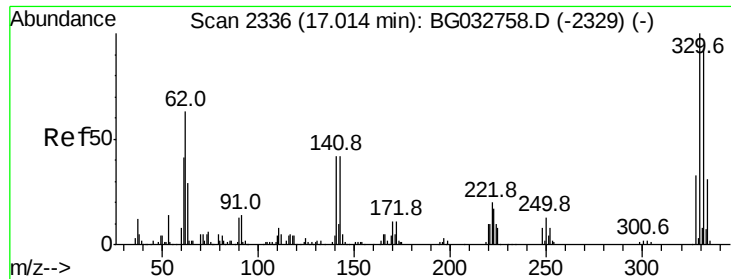
Tot Ion: 77 Resp: 1061
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 30.9 13.0 19.6#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033008.D
Acq: 6 Mar 2018 4:00

Tgt Ion:164 Resp: 122695
Ion Ratio Lower Upper
164 100
162 106.8 78.8 118.2
160 46.0 35.4 53.0

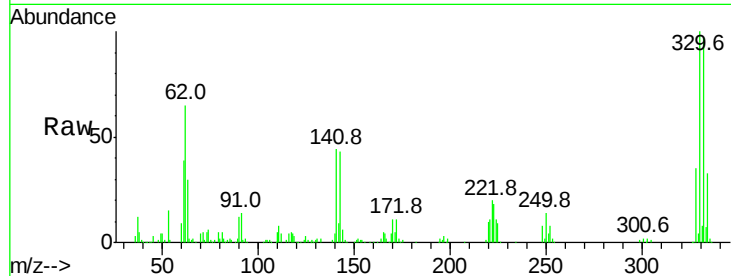




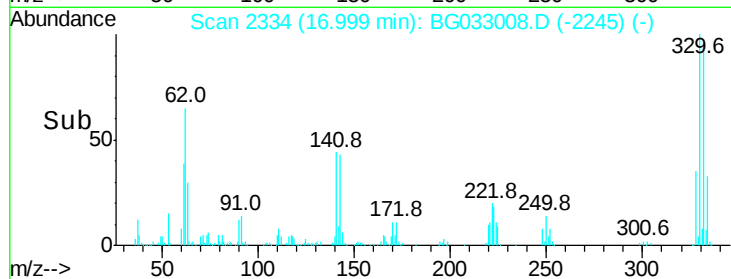
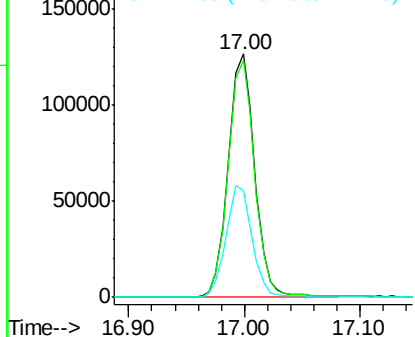
#41
 2,4,6-Tribromophenol
 Concen: 156.816 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG033008.D
 Acq: 6 Mar 2018 4:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 202308
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 45.2 25.2 37.8#

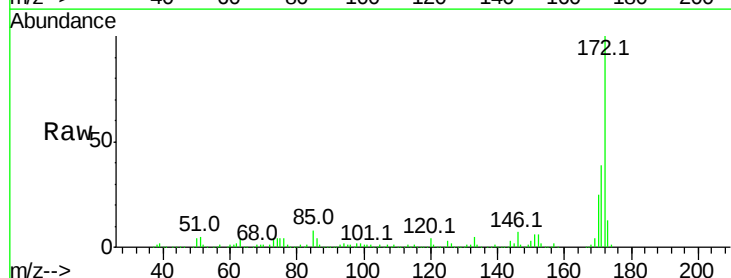


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

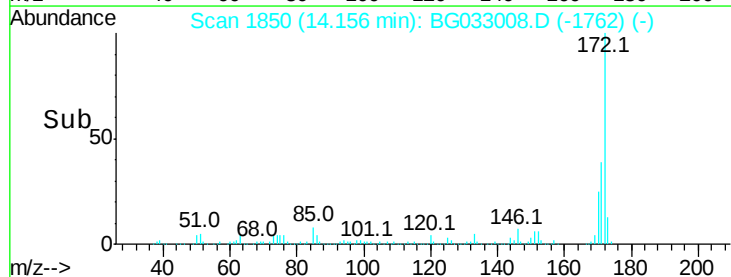
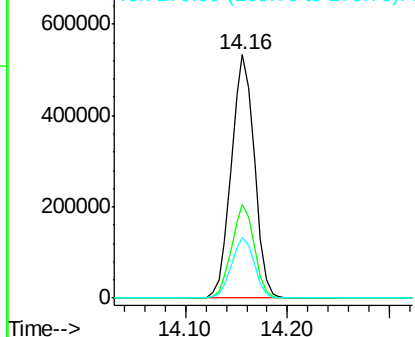


#44
 2-Fluorobiphenyl
 Concen: 98.523 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033008.D
 Acq: 6 Mar 2018 4:00

Tgt Ion:172 Resp: 838152
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.0 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: 10.477 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.46 min

Lab File: BG033008.D

Acq: 6 Mar 2018 4:00

Instrument :

BNA_G

ClientSampleId :

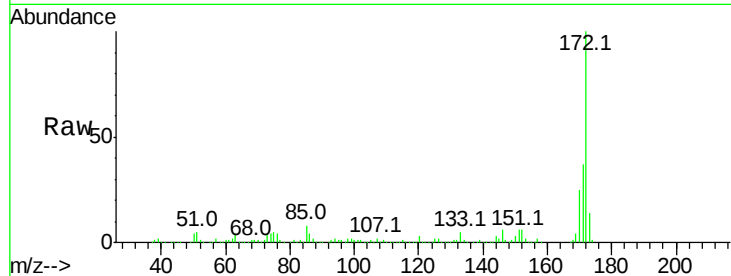
Tot Ion: 65 Resp: 1629

Ion Ratio Lower Upper

65 100

92 197.0 54.6 82.0#

138 21.4 72.9 109.3#

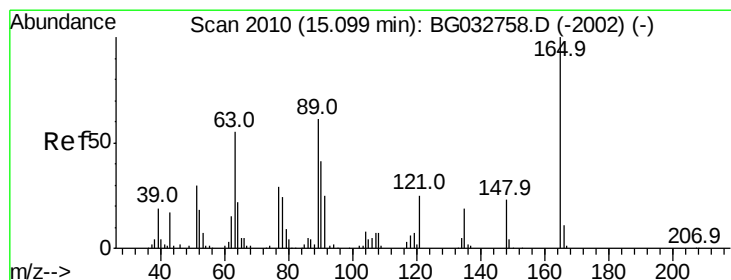
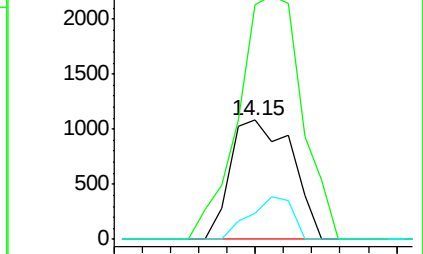
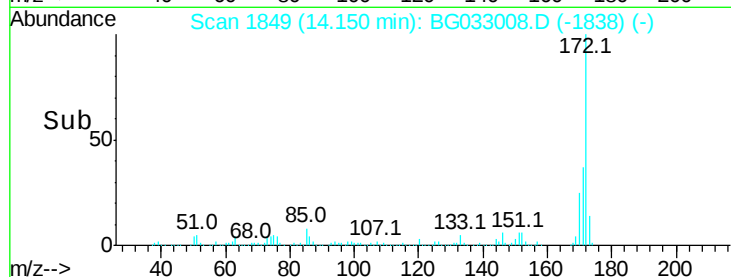


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

Time--> 14.10



#50

2,6-Dinitrotoluene

Concen: 16.198 ng

RT: 15.52 min Scan# 2083

Delta R.T. 0.44 min

Lab File: BG033008.D

Acq: 6 Mar 2018 4:00

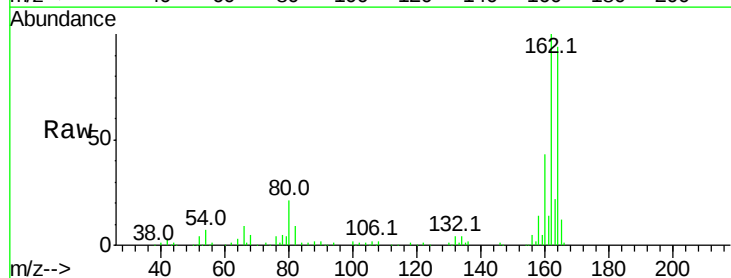
Tgt Ion:165 Resp: 15451

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

89 0.0 49.2 73.8#

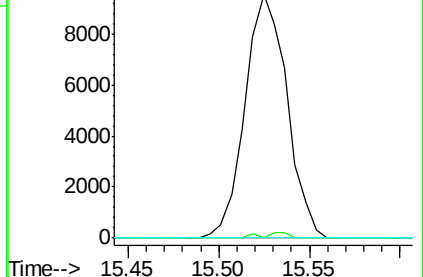
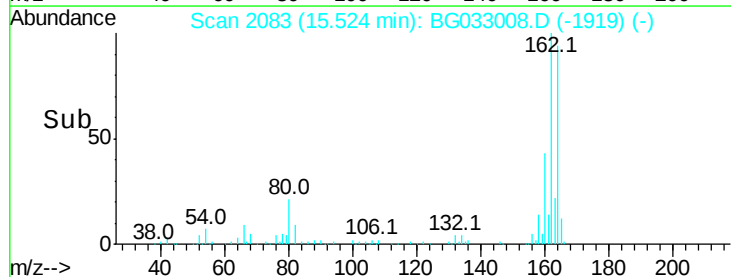


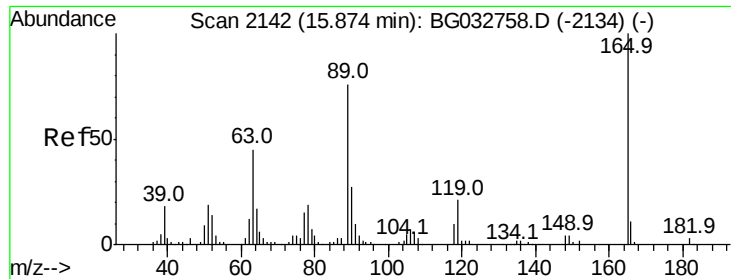
Abundance Ion 165.00 (164.70 to 165.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Time--> 15.45

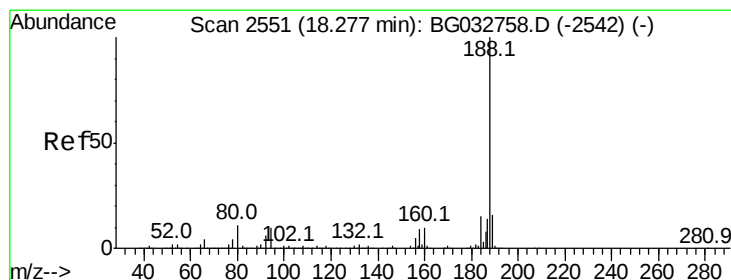
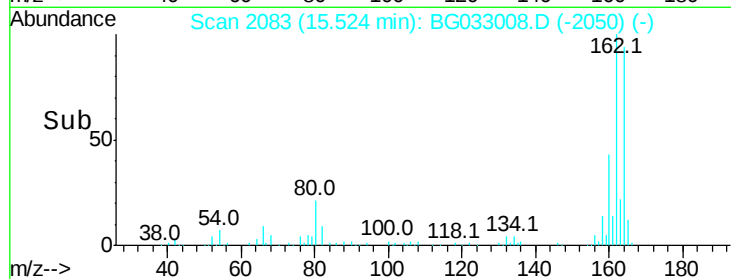
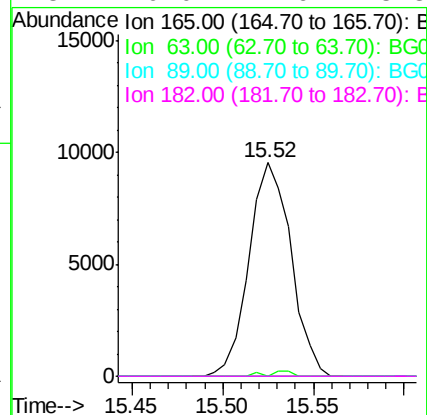
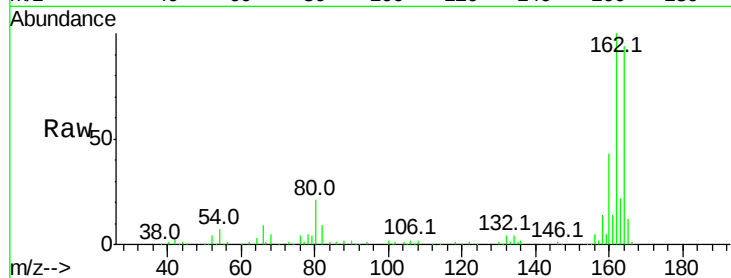




#56
 2,4-Dinitrotoluene
 Concen: 14.394 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033008.D
 Acq: 6 Mar 2018 4:00

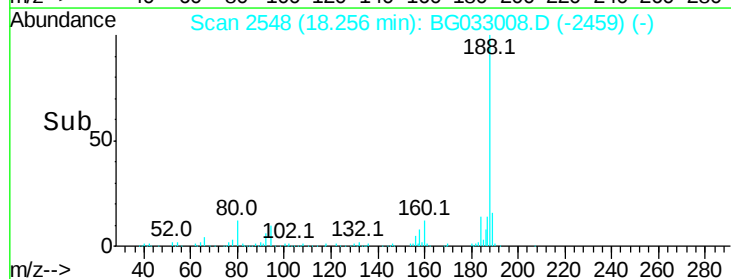
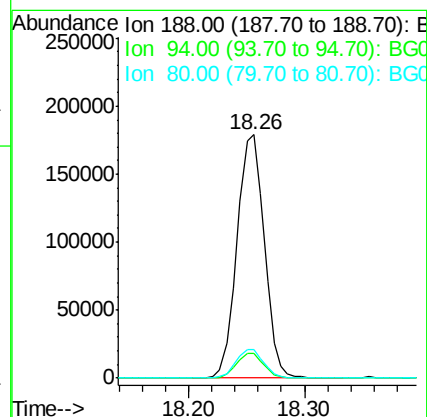
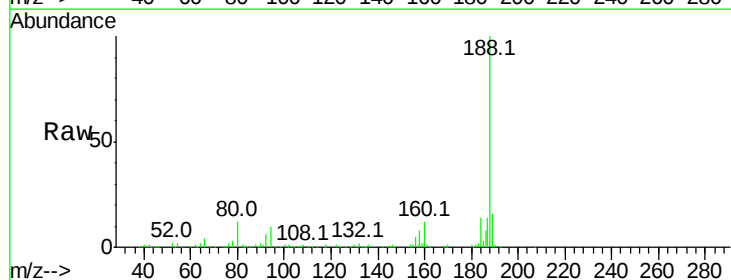
Instrument :
 BNA_G
 ClientSampled :

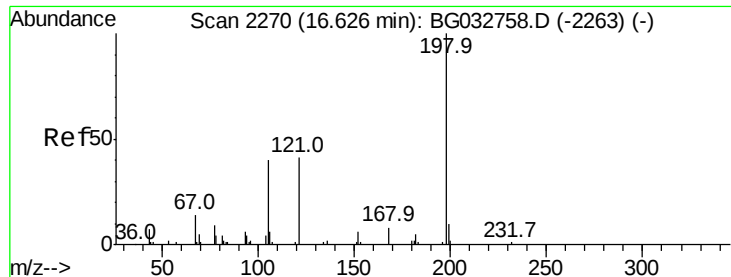
Tot Ion:	165	Resp:	15451
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG033008.D
 Acq: 6 Mar 2018 4:00

Tgt Ion:	188	Resp:	293163
Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.9	10.3
80	11.7	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.884 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.38 min

Lab File: BG033008.D

Acq: 6 Mar 2018 4:00

Instrument :

BNA_G

ClientSampleId :

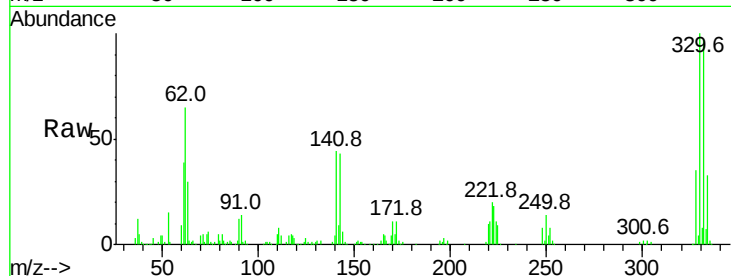
Tot Ion:198 Resp: 646

Ion Ratio Lower Upper

198 100

51 122.8 30.6 70.6#

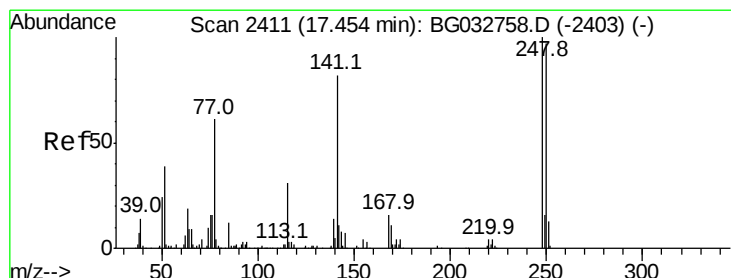
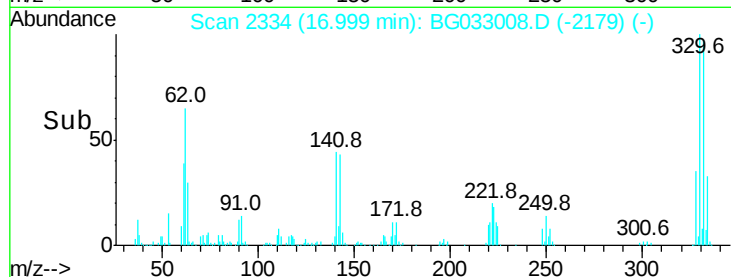
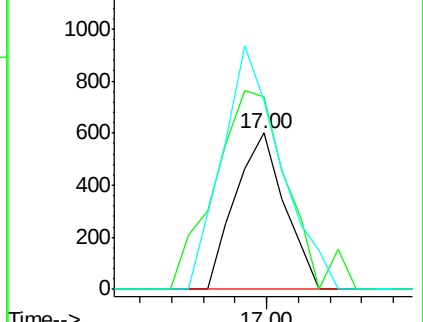
105 121.0 23.8 63.8#



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: 4.871 ng

RT: 17.00 min Scan# 2334

Delta R.T. -0.43 min

Lab File: BG033008.D

Acq: 6 Mar 2018 4:00

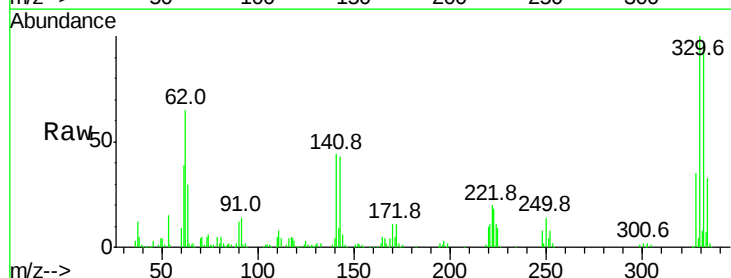
Tgt Ion:248 Resp: 15099

Ion Ratio Lower Upper

248 100

250 184.0 77.1 115.7#

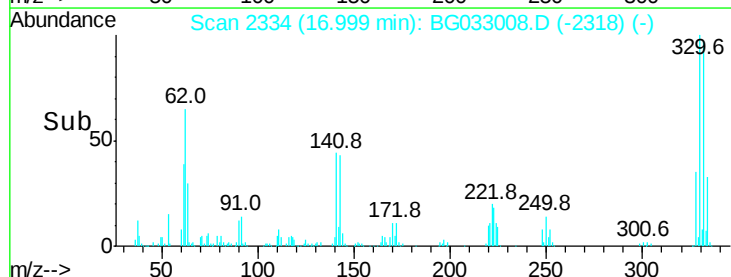
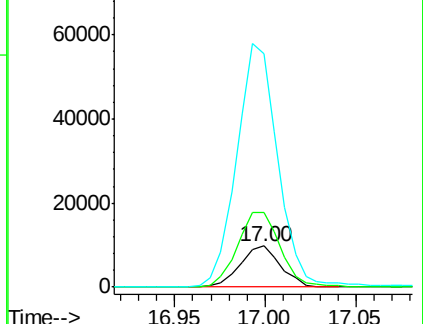
141 570.6 50.8 76.2#

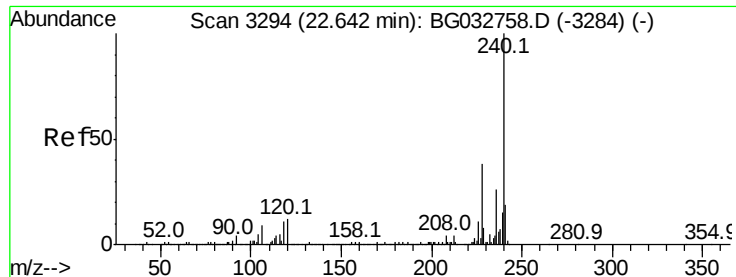


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG033008.D

Acq: 6 Mar 2018 4:00

Instrument :

BNA_G

ClientSampleId :

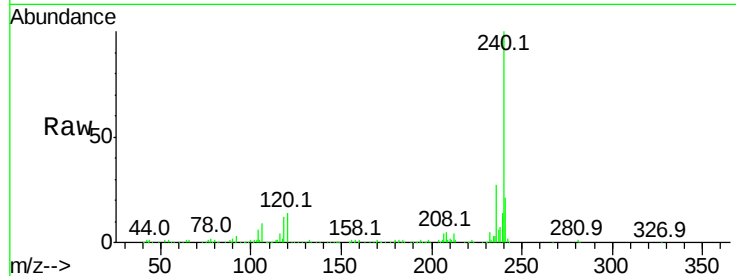
Tot Ion:240 Resp: 273035

Ion Ratio Lower Upper

240 100

120 13.6 6.8 10.2#

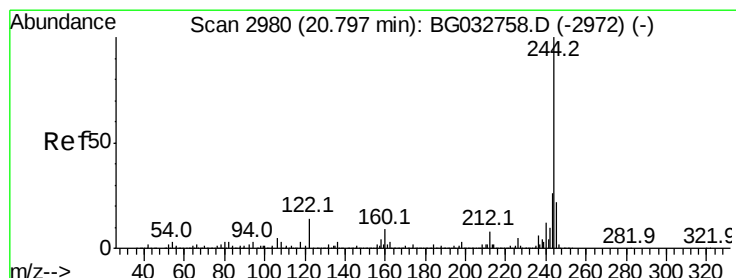
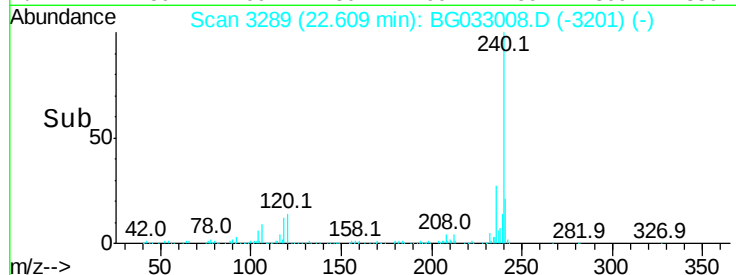
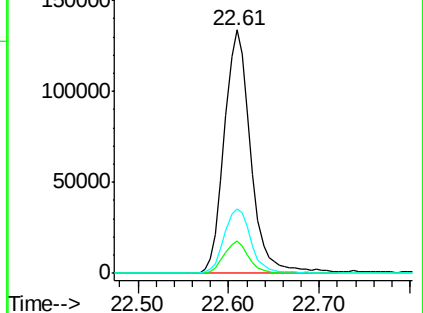
236 26.5 20.9 31.3



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: 110.656 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG033008.D

Acq: 6 Mar 2018 4:00

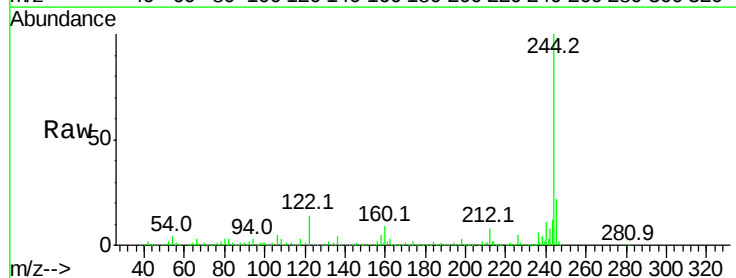
Tgt Ion:244 Resp: 1344750

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

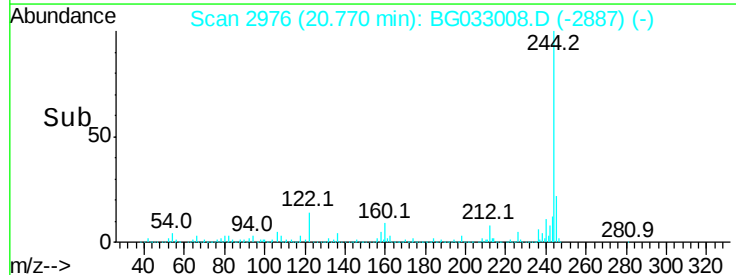
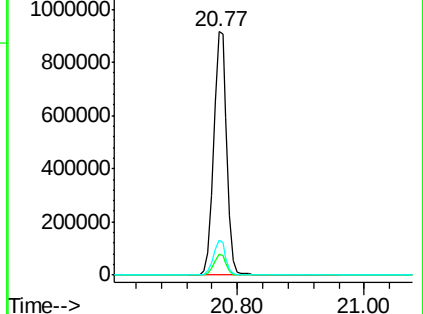
122 14.3 7.0 10.4#

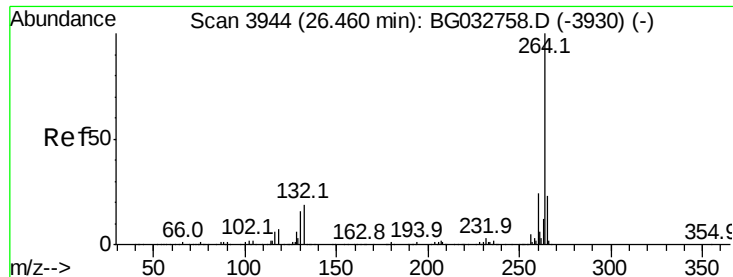


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

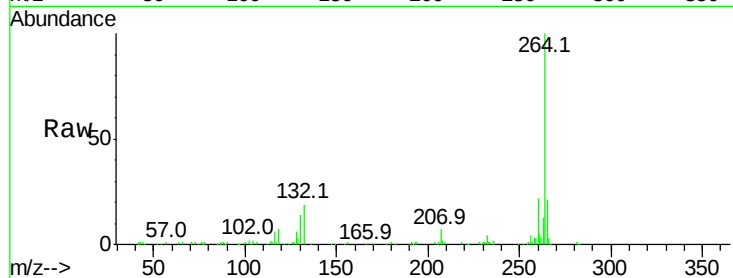




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3937
Delta R.T. -0.01 min
Lab File: BG033008.D
Acq: 6 Mar 2018 4:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	20.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

