

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033958.D
 Acq On : 24 Apr 2018 17:32
 Operator : SJ/JU
 Sample : J2508-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:01:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

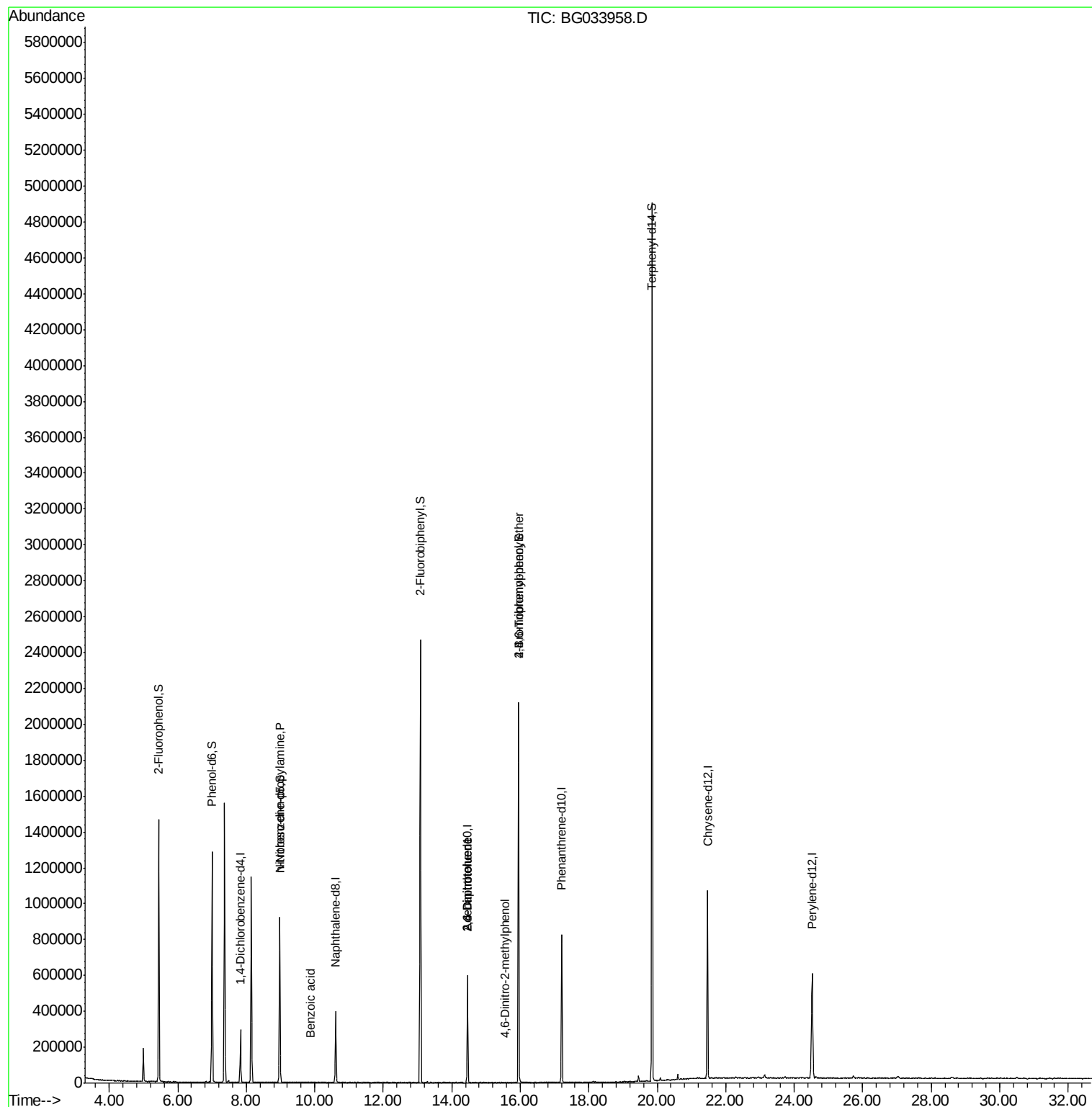
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	81373	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	334380	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	203794	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	516291	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	591360	20.00	ng	-0.02
86) Perylene-d12	24.52	264	603668	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	607439	119.18	ng	0.00
7) Phenol-d6	7.00	99	716672	96.40	ng	0.00
23) Nitrobenzene-d5	8.98	82	552316	94.00	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	379229	159.50	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1283112	92.49	ng	-0.02
78) Terphenyl-d14	19.85	244	2286120	86.85	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.99	77	1455	Below Cal	Qvalue	# 45
19) n-Nitroso-di-n-propylamine	8.98	70	76580	12.085 ng	#	78
32) Benzoic acid	9.87	122	87	5.100 ng	#	33
50) 2,6-Dinitrotoluene	14.46	165	26560	7.818 ng	#	21
56) 2,4-Dinitrotoluene	14.46	165	26560	5.879 ng	#	19
64) 4,6-Dinitro-2-methylphenol	15.56	198	113	6.528 ng	#	29
66) 4-Bromophenyl-phenylether	15.95	248	20374	3.593 ng	#	1

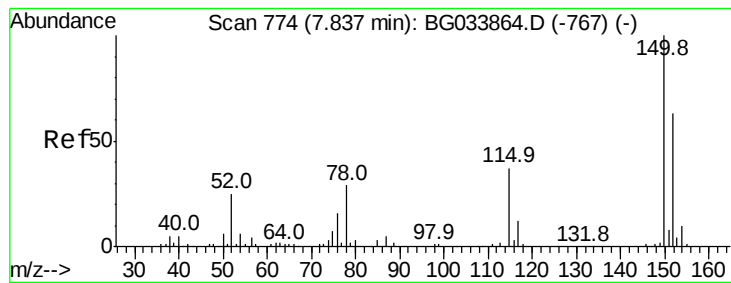
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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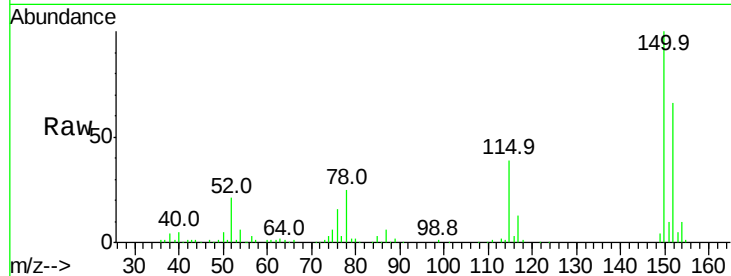


#1

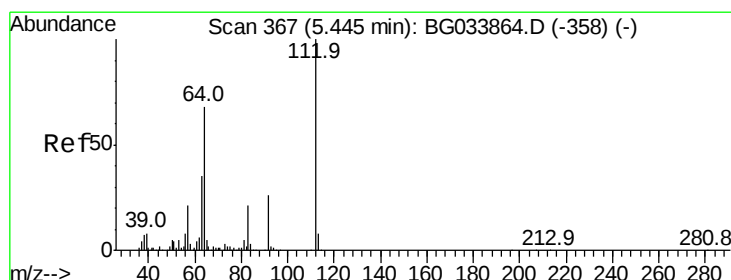
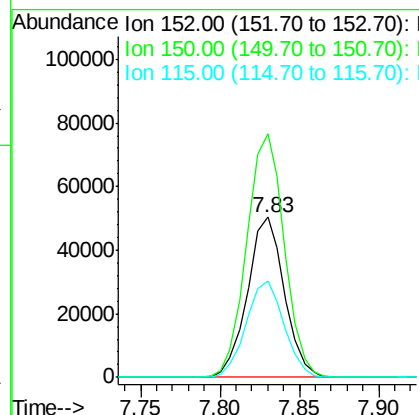
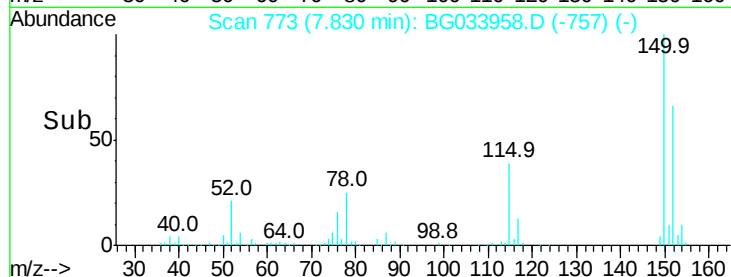
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 81373
 Ion Ratio Lower Upper
 152 100
 150 151.8 126.6 189.8
 115 59.9 53.0 79.4



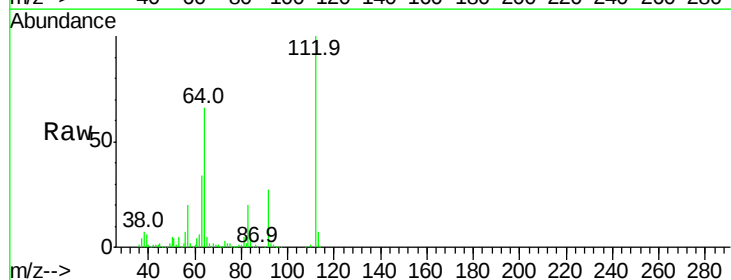
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



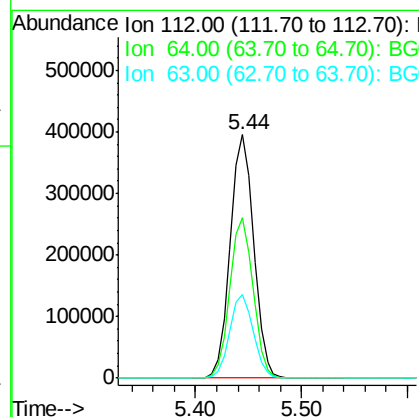
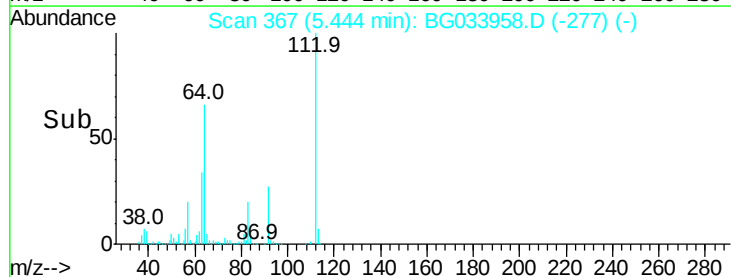
#5

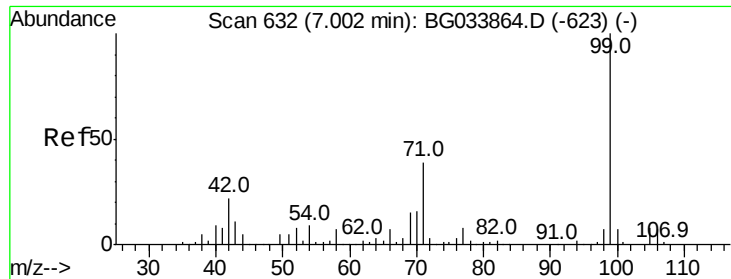
2-Fluorophenol
 Concen: 119.179 ng
 RT: 5.44 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Tgt Ion:112 Resp: 607439
 Ion Ratio Lower Upper
 112 100
 64 66.1 56.3 84.5
 63 34.4 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: 96.404 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

Instrument :

BNA_G

ClientSampled :

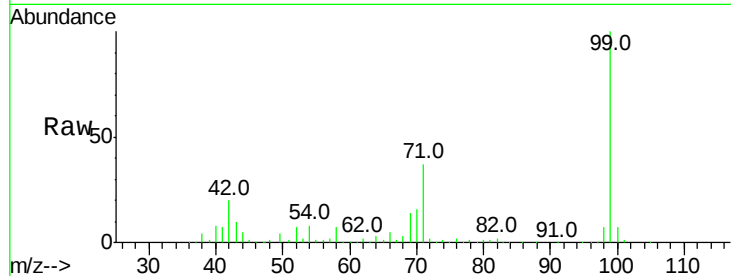
Tot Ion: 99 Resp: 716672

Ion Ratio Lower Upper

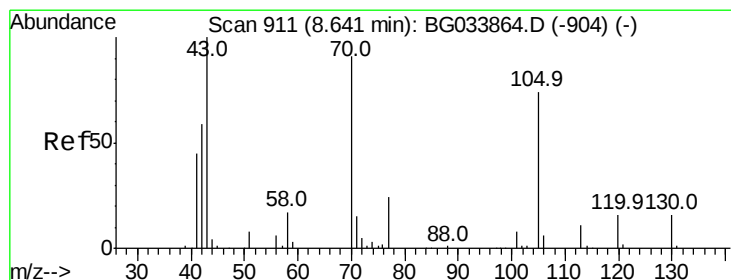
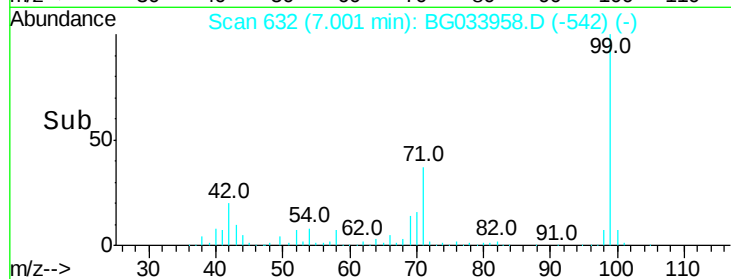
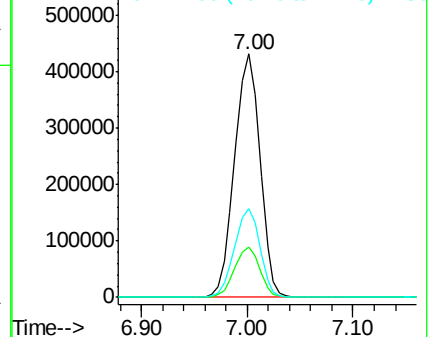
99 100

42 20.4 14.1 21.1

71 36.7 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: 12.085 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

Tgt Ion: 70 Resp: 76580

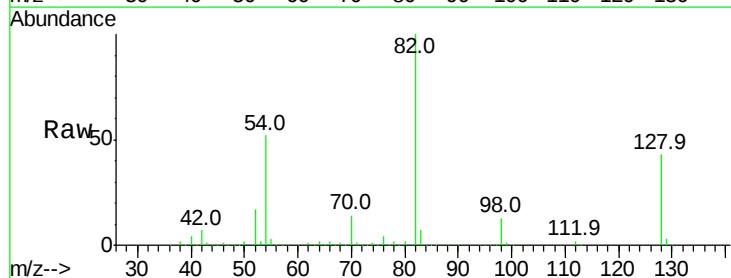
Ion Ratio Lower Upper

70 100

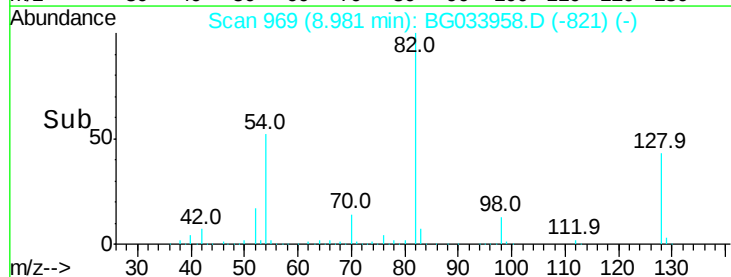
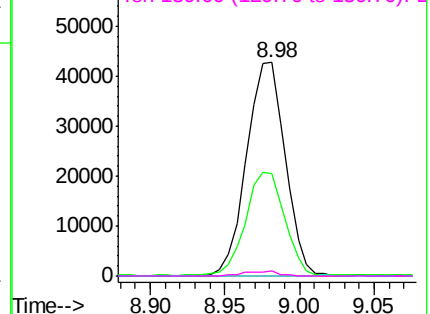
42 47.8 49.1 73.7#

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

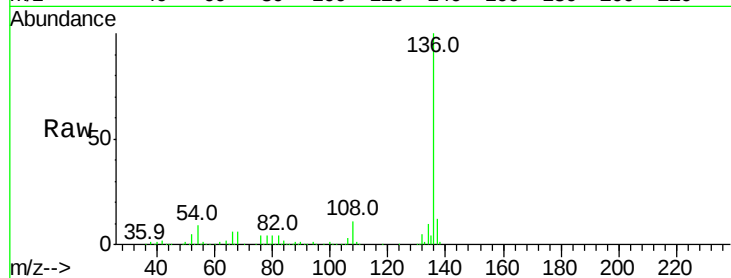




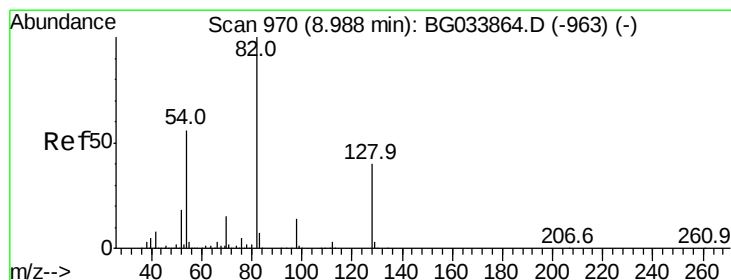
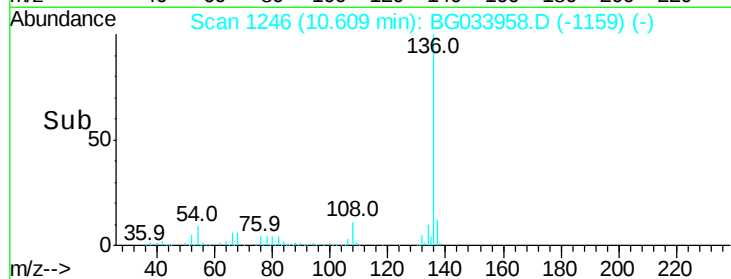
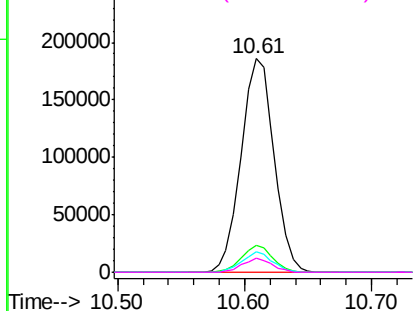
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033958.D
Acq: 24 Apr 2018 17:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	334380
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.2 13.8
54	9.5	10.3 15.5#
68	6.4	4.5 6.7

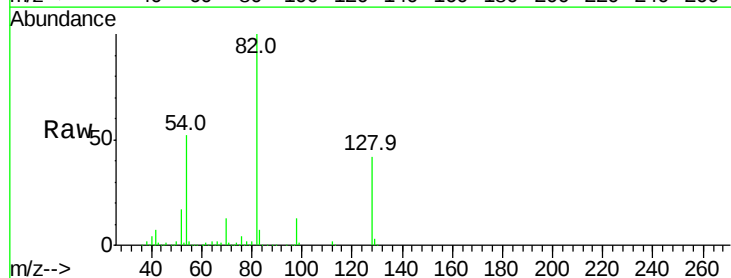


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

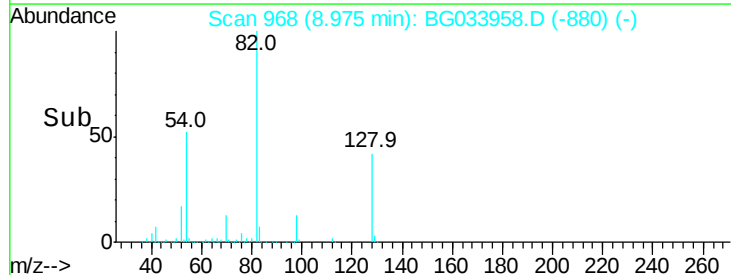
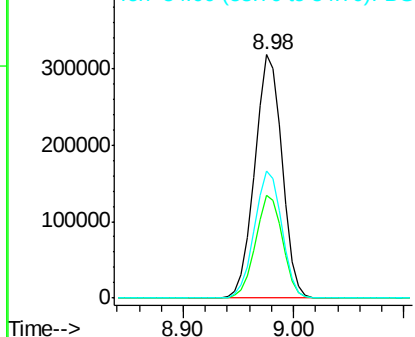


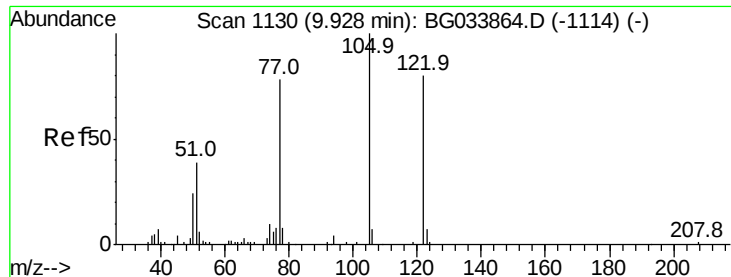
#23
Nitrobenzene-d5
Concen: 94.001 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033958.D
Acq: 24 Apr 2018 17:32

Tgt Ion: 82	Resp:	552316
Ion Ratio	Lower	Upper
82	100	
128	42.0	29.7 44.5
54	52.4	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





#32

Benzoic acid

Concen: 5.100 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

Instrument :

BNA_G

ClientSampleId :

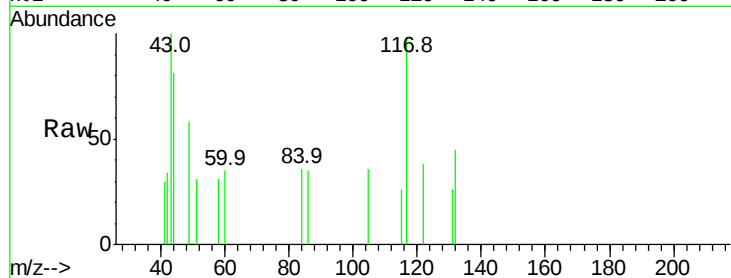
Tot Ion:122 Resp: 87

Ion Ratio Lower Upper

122 100

105 93.5 123.5 163.5#

77 0.0 85.7 125.7#

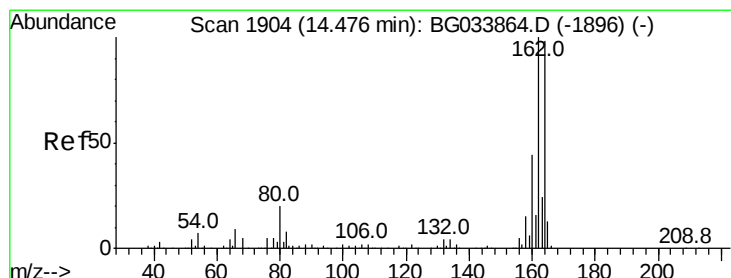
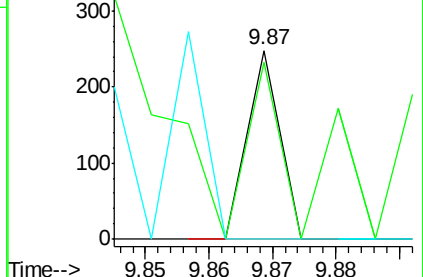
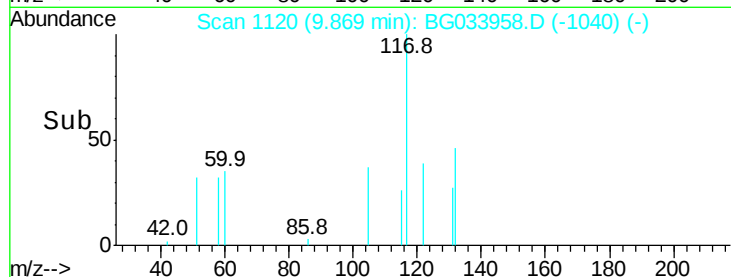


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

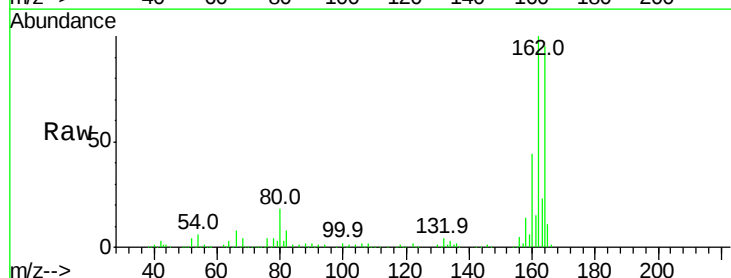
Tgt Ion:164 Resp: 203794

Ion Ratio Lower Upper

164 100

162 105.1 78.8 118.2

160 45.8 35.4 53.0

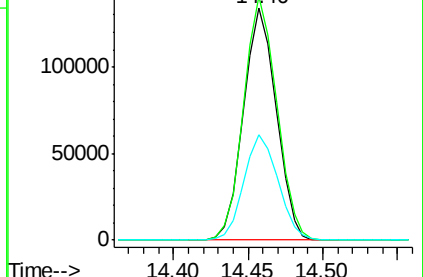
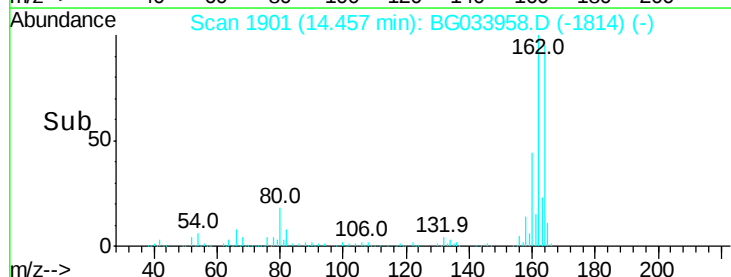


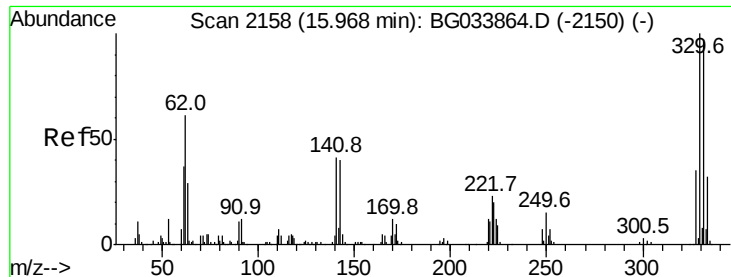
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

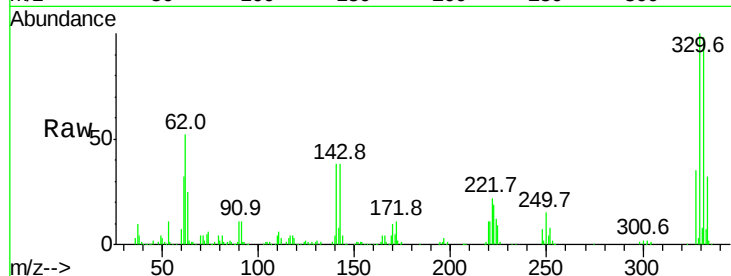




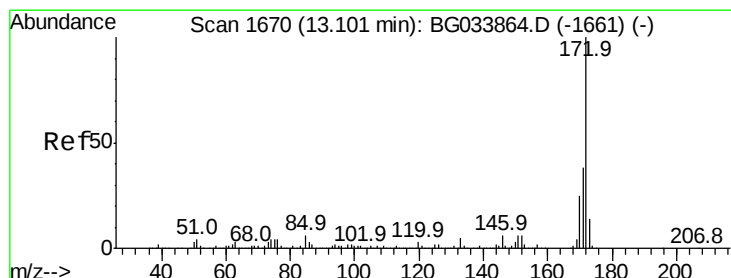
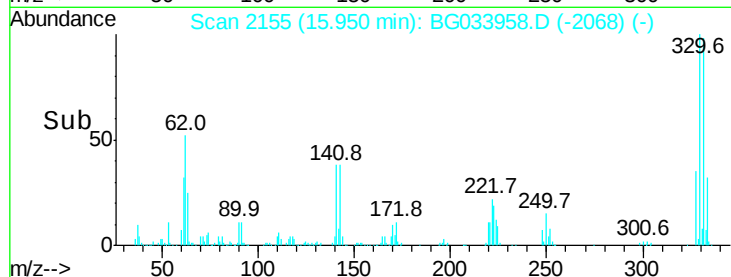
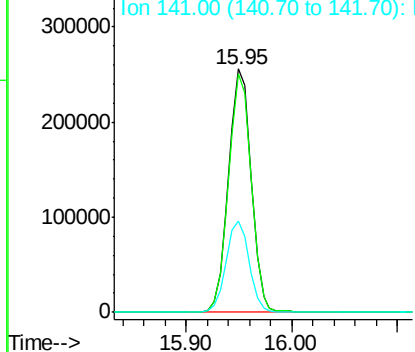
#41
 2,4,6-Tribromophenol
 Concen: 159.502 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 379229
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 37.9 25.2 37.8#

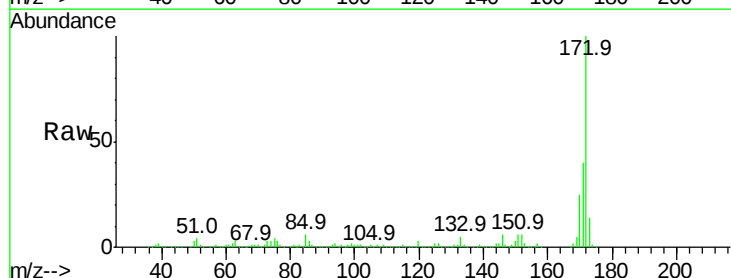


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

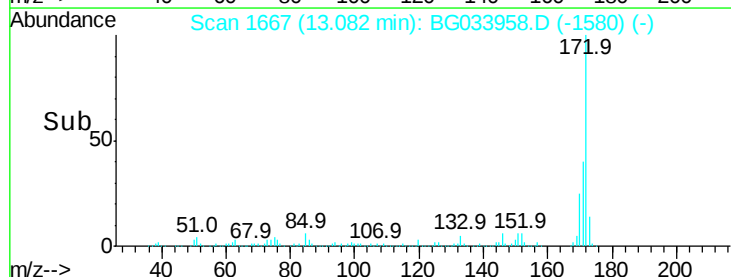
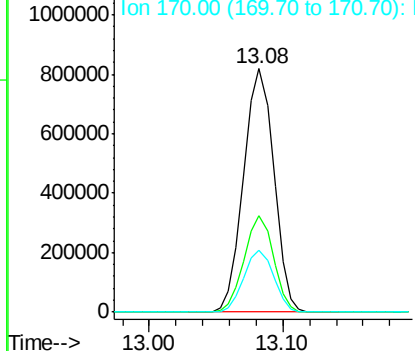


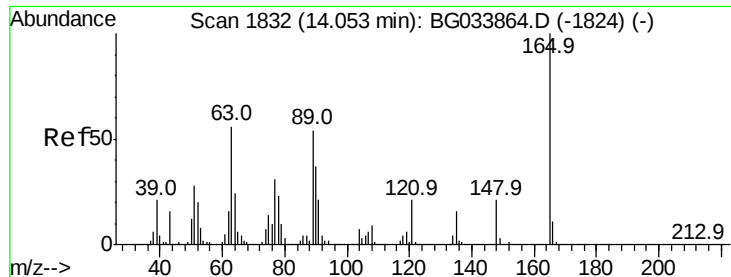
#44
 2-Fluorobiphenyl
 Concen: 92.492 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Tgt Ion:172 Resp: 1283112
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.0 45.0
 170 25.2 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

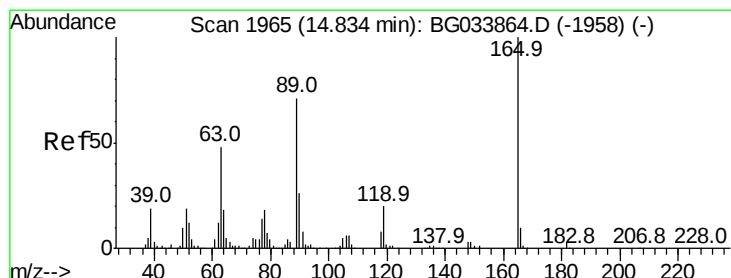
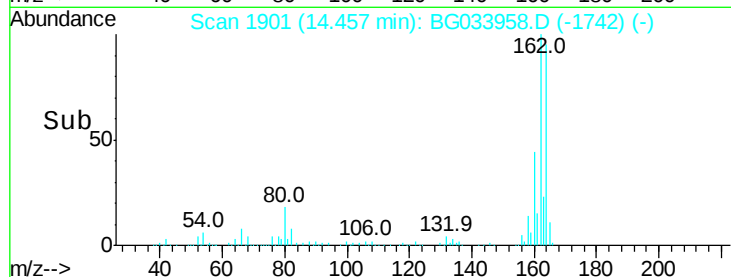
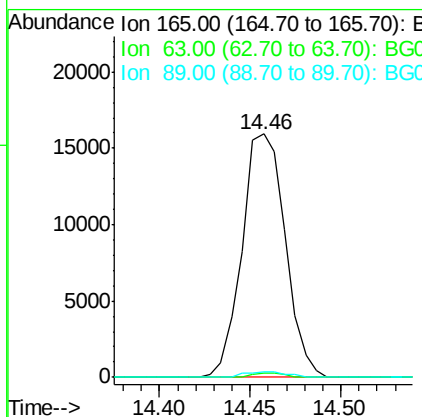
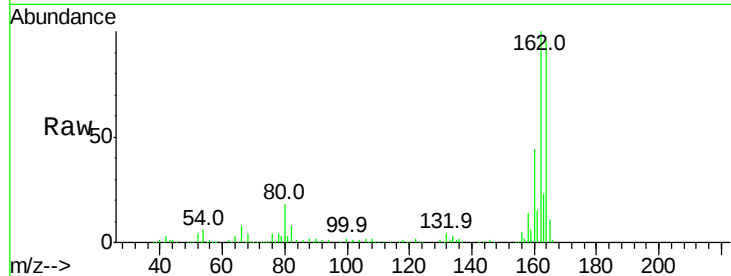




#50
2,6-Dinitrotoluene
Concen: 7.818 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.40 min
Lab File: BG033958.D
Acq: 24 Apr 2018 17:32

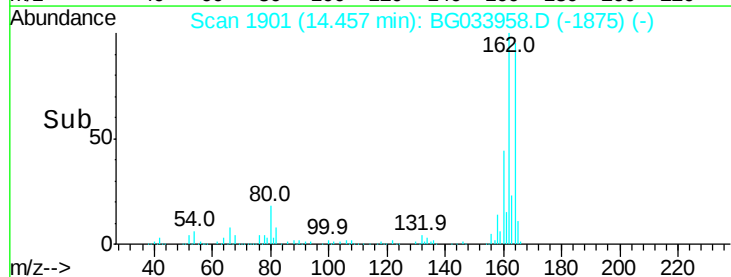
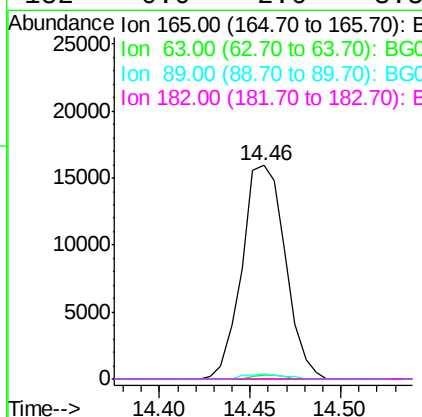
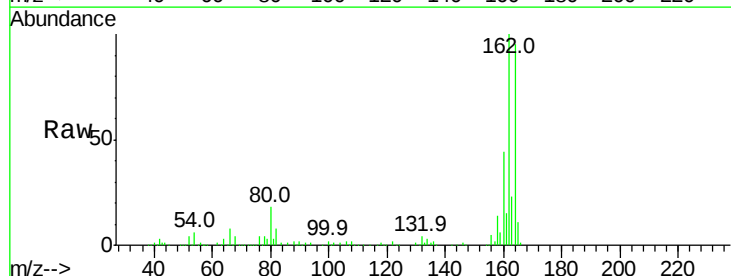
Instrument :
BNA_G
ClientSampleId :

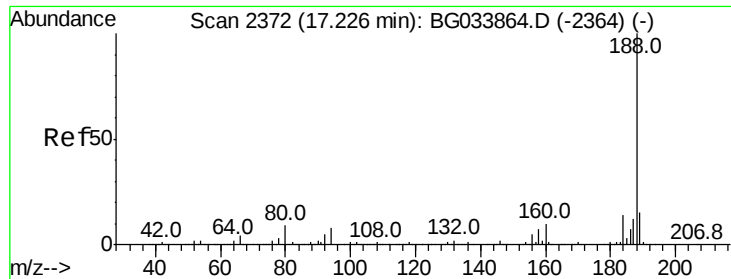
Tot Ion:165 Resp: 26560
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 2.3 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.879 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033958.D
Acq: 24 Apr 2018 17:32

Tgt Ion:165 Resp: 26560
Ion Ratio Lower Upper
165 100
63 1.7 42.0 63.0#
89 2.3 66.9 100.3#
182 0.0 2.6 3.8#

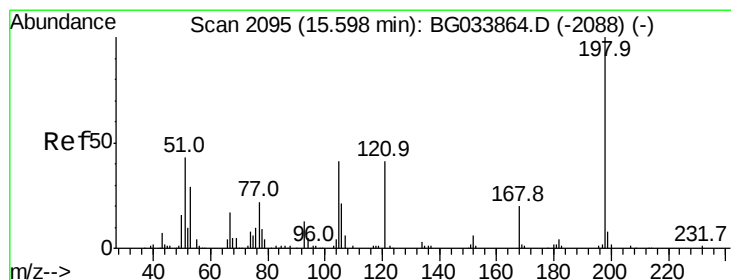
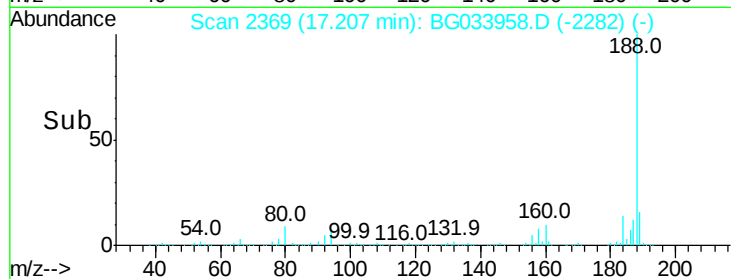
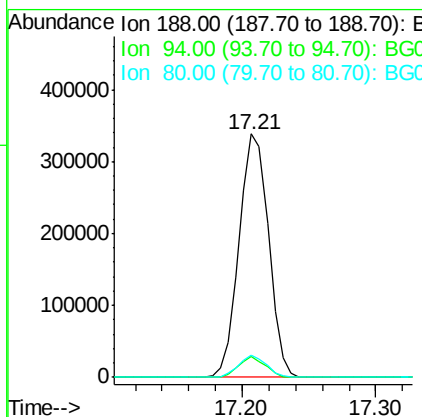
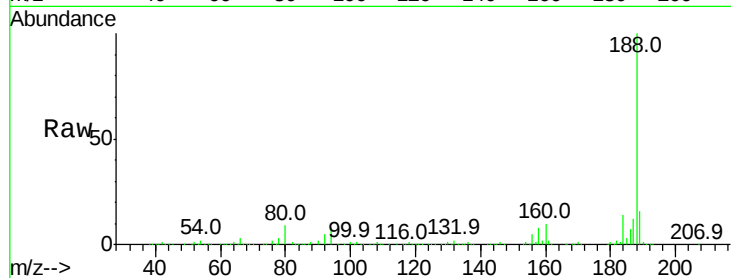




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

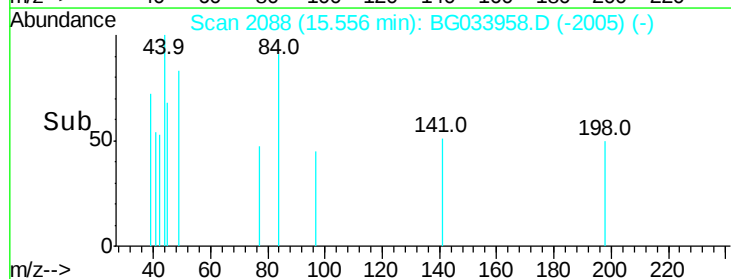
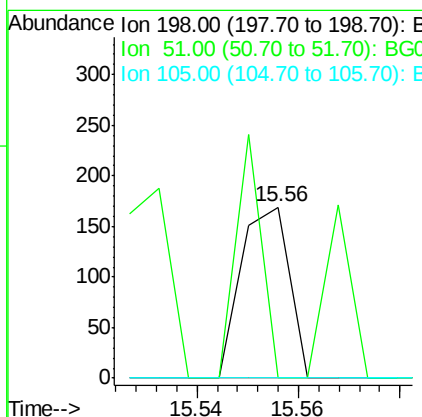
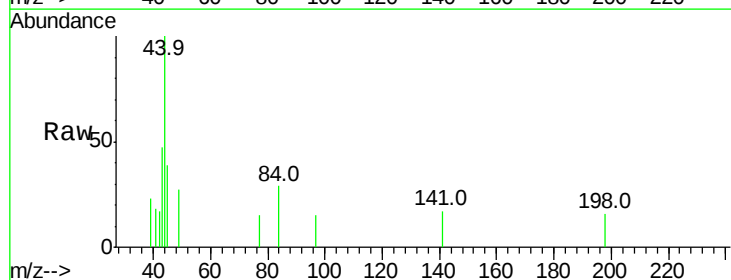
Instrument :
 BNA_G
 ClientSampleId :

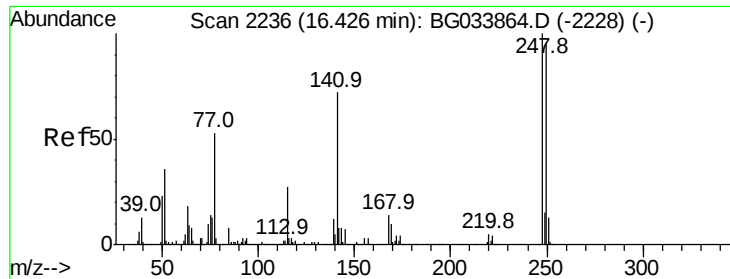
Tot Ion:188 Resp: 516291
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.9 10.3
 80 8.9 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.528 ng
 RT: 15.56 min Scan# 2088
 Delta R.T. -0.04 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Tgt Ion:198 Resp: 113
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 0.0 23.8 63.8#

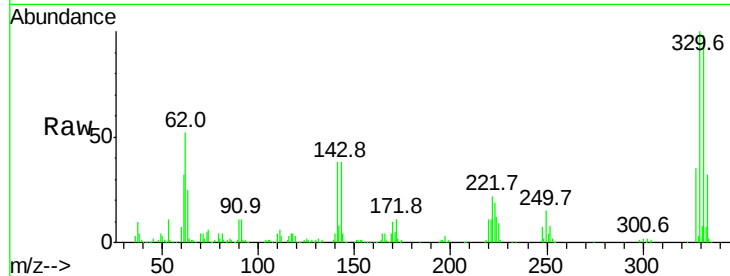




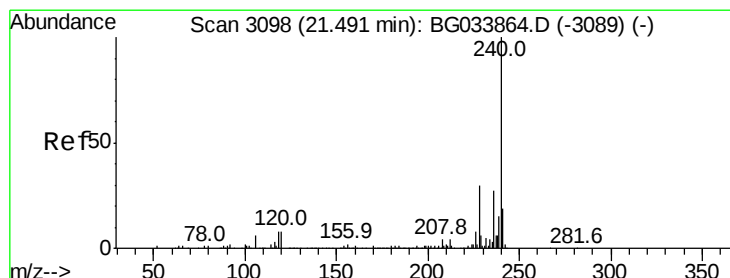
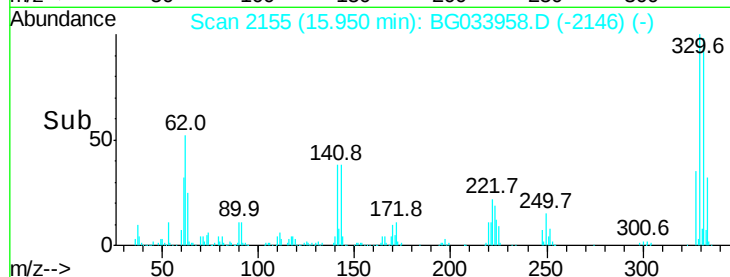
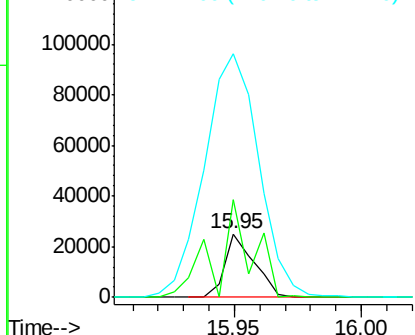
#66
 4-Bromophenyl-phenylether
 Concen: 3.593 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.48 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 20374
 Ion Ratio Lower Upper
 248 100
 250 198.4 77.1 115.7#
 141 382.8 50.8 76.2#

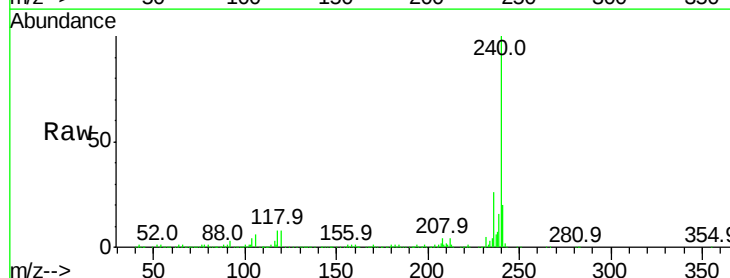


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

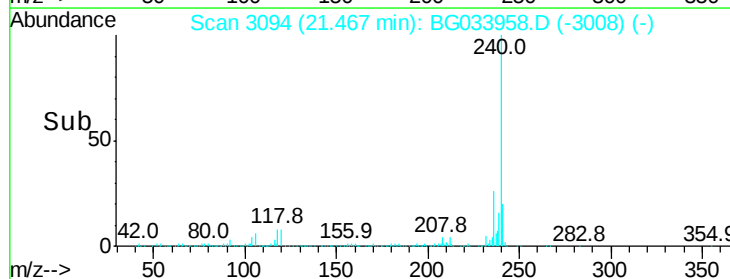
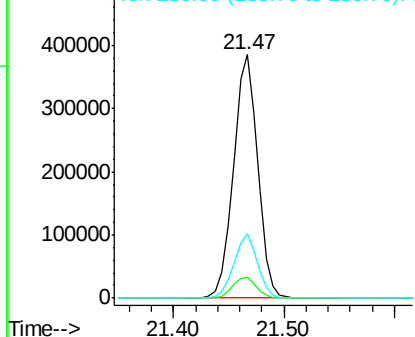


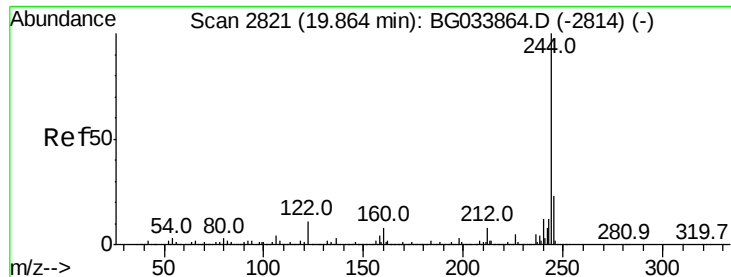
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.47 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BG033958.D
 Acq: 24 Apr 2018 17:32

Tgt Ion:240 Resp: 591360
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.8 10.2
 236 26.4 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: 86.851 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

Instrument :

BNA_G

ClientSampleId :

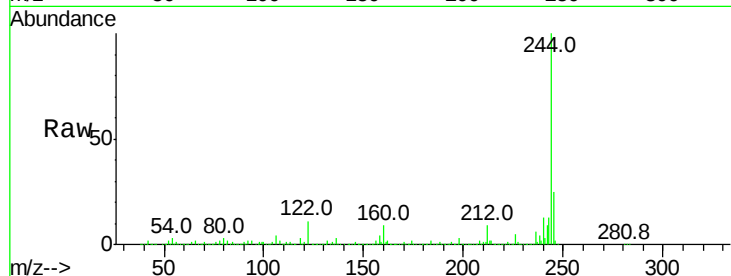
Tot Ion:244 Resp: 2286120

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

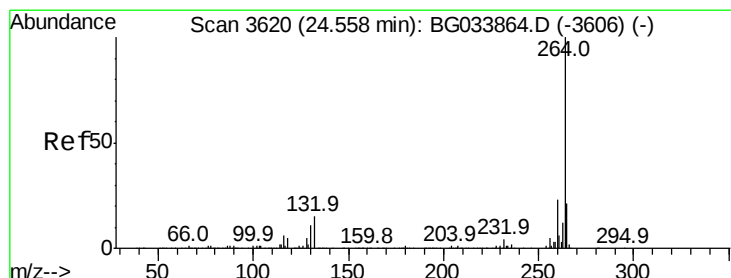
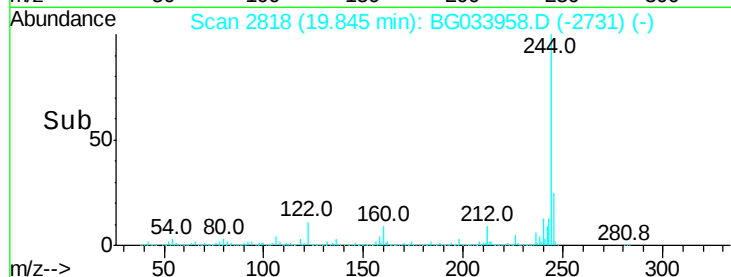
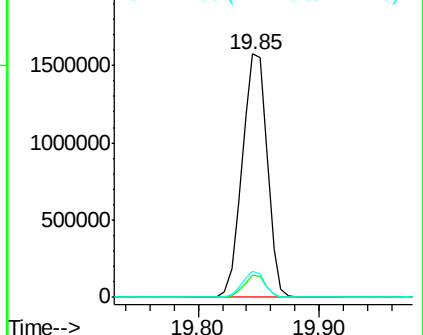
122 10.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033958.D

Acq: 24 Apr 2018 17:32

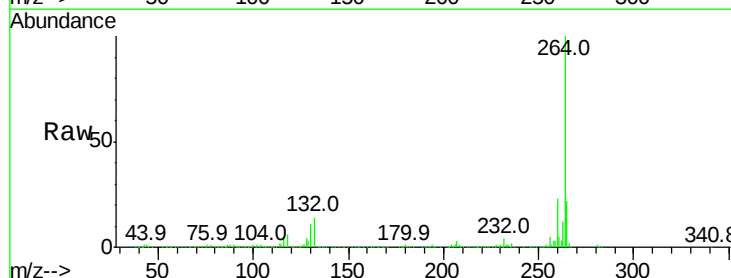
Tgt Ion:264 Resp: 603668

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.8 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

