

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033959.D
 Acq On : 24 Apr 2018 18:10
 Operator : SJ/JU
 Sample : J2508-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:01:55 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

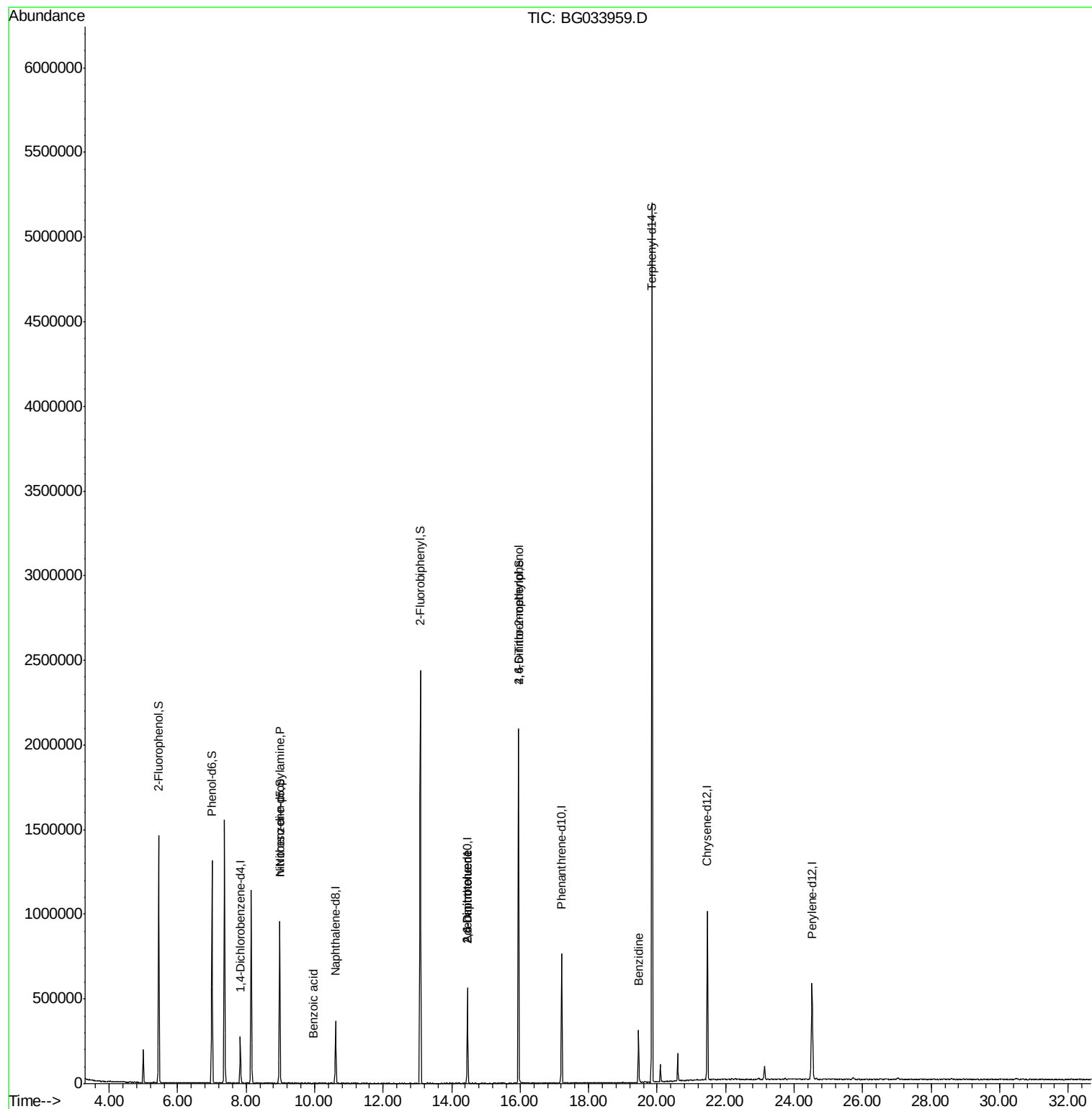
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	77836	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	314168	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	193634	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	490174	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	579234	20.00	ng	-0.03
86) Perylene-d12	24.52	264	591985	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	626092	128.42	ng	0.00
7) Phenol-d6	7.00	99	737641	103.73	ng	0.00
23) Nitrobenzene-d5	8.98	82	563676	102.11	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	385624	170.70	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1301227	98.72	ng	-0.02
78) Terphenyl-d14	19.85	244	2349951	91.15	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	1409	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	8.98	70	77885	12.849 ng	#	5
32) Benzoic acid	9.95	122	79	5.100 ng	#	1
50) 2,6-Dinitrotoluene	14.45	165	26153	8.102 ng	#	19
56) 2,4-Dinitrotoluene	14.45	165	26153	6.093 ng	#	17
64) 4,6-Dinitro-2-methylphenol	15.95	198	562	6.695 ng	#	62
76) Benzydine	19.46	184	178947	11.441 ng		99

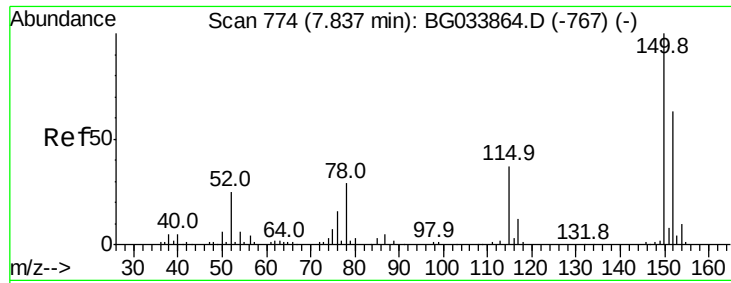
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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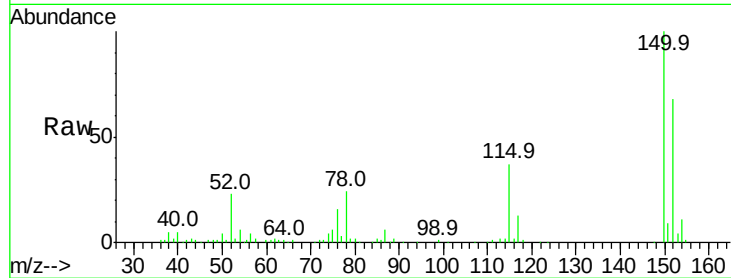


#1

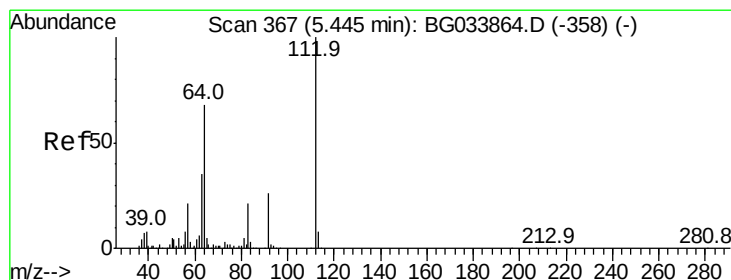
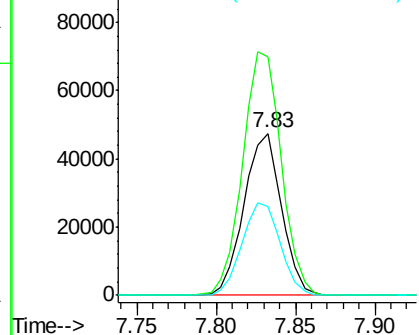
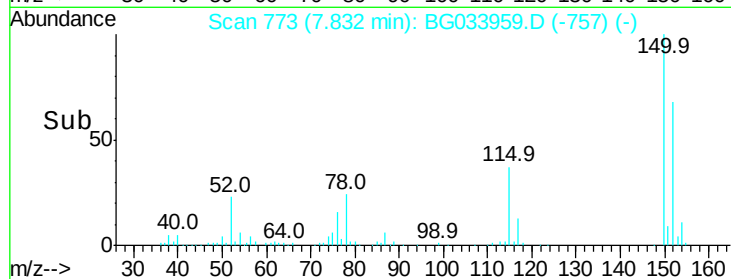
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG033959.D
Acq: 24 Apr 2018 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 77836
Ion Ratio Lower Upper
152 100
150 147.1 126.6 189.8
115 54.5 53.0 79.4



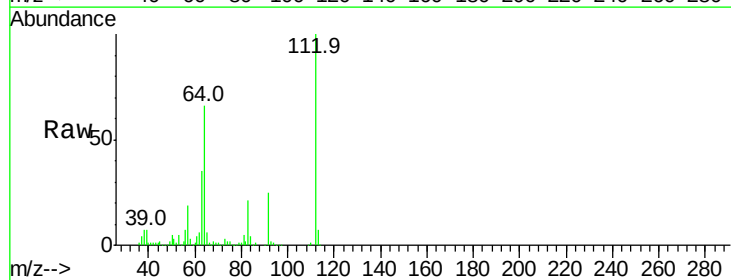
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



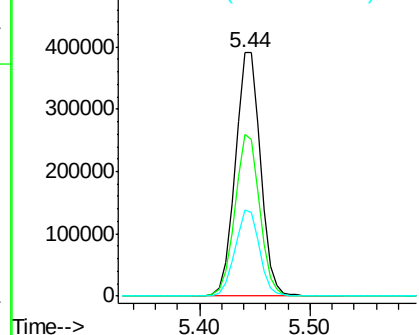
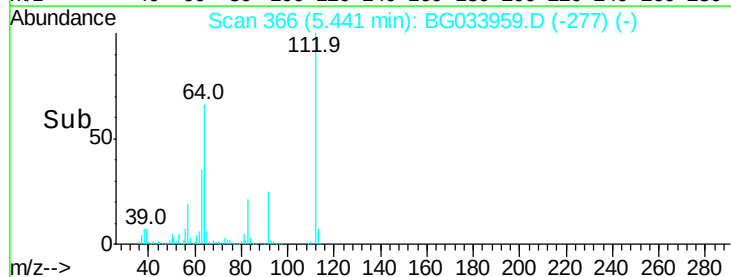
#5

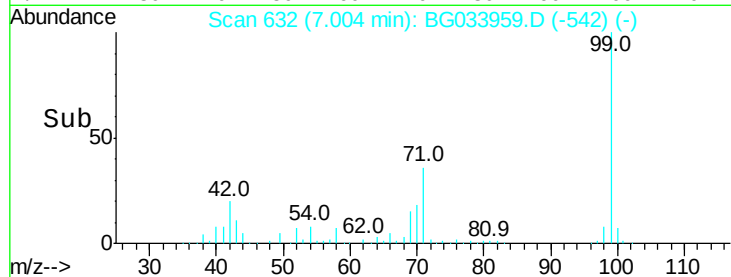
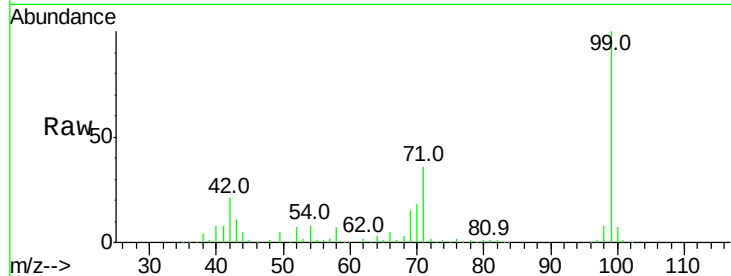
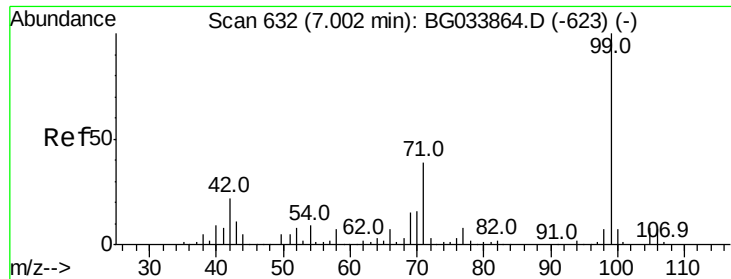
2-Fluorophenol
Concen: 128.421 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033959.D
Acq: 24 Apr 2018 18:10

Tgt Ion:112 Resp: 626092
Ion Ratio Lower Upper
112 100
64 66.3 56.3 84.5
63 35.2 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: 103.733 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

Instrument :

BNA_G

ClientSampled :

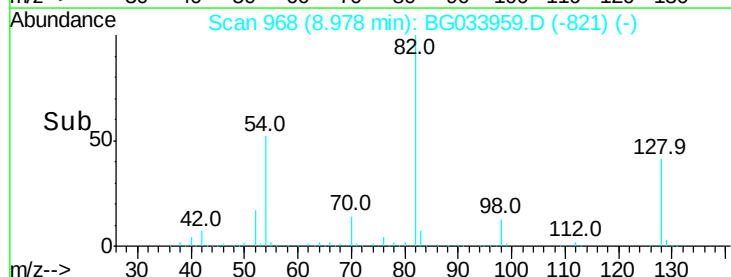
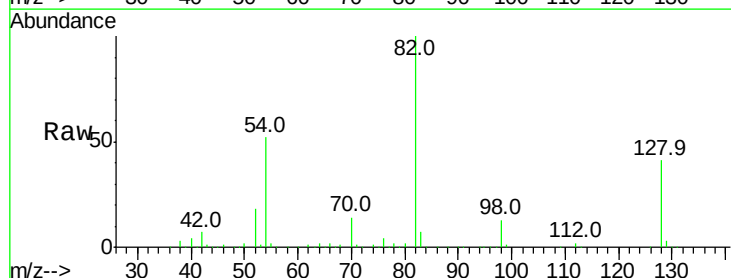
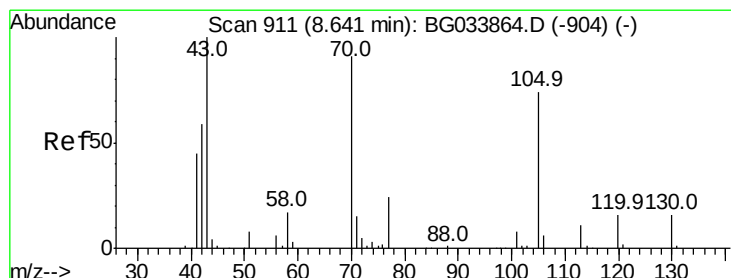
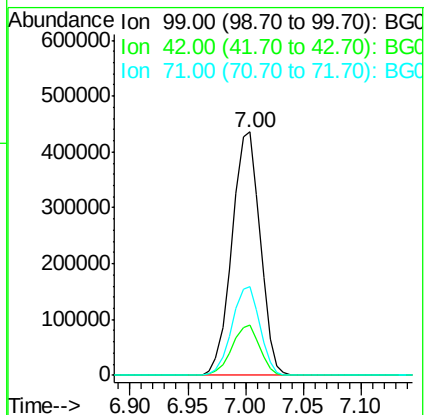
Tot Ion: 99 Resp: 737641

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

71 36.5 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.849 ng

RT: 8.98 min Scan# 968

Delta R.T. 0.34 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

Tgt Ion: 70 Resp: 77885

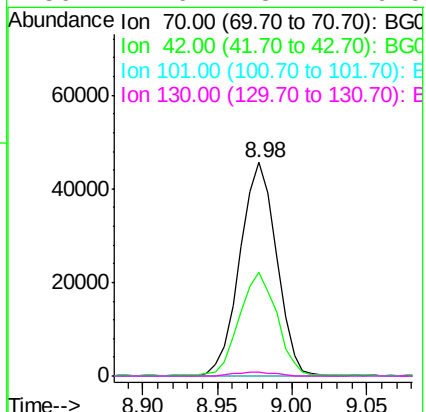
Ion Ratio Lower Upper

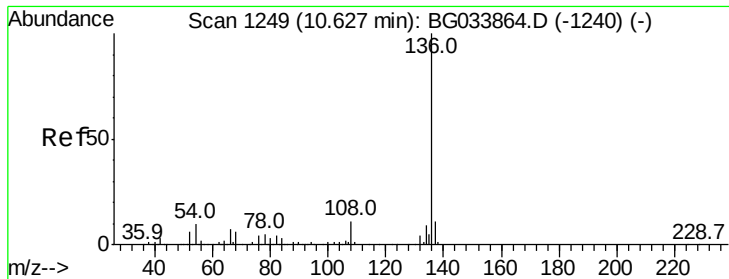
70 100

42 48.5 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

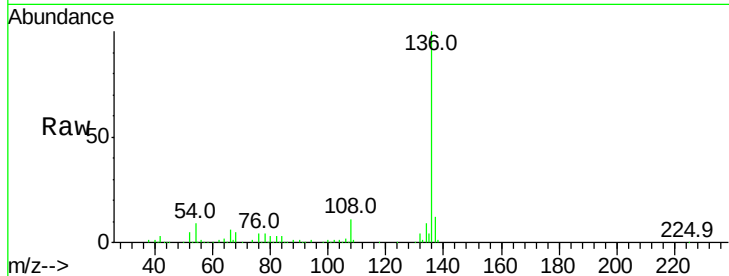




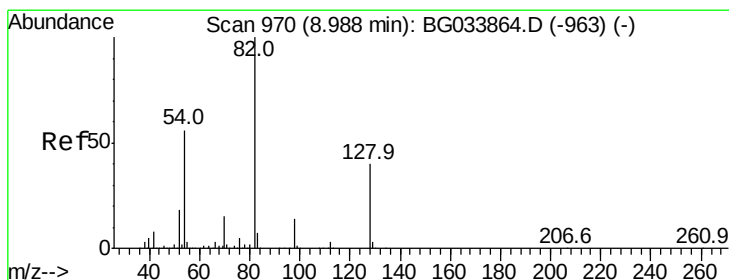
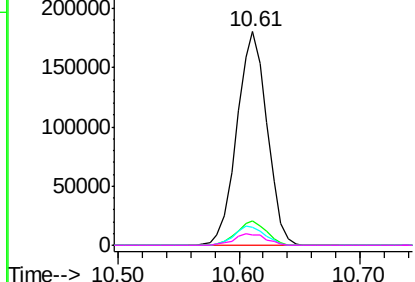
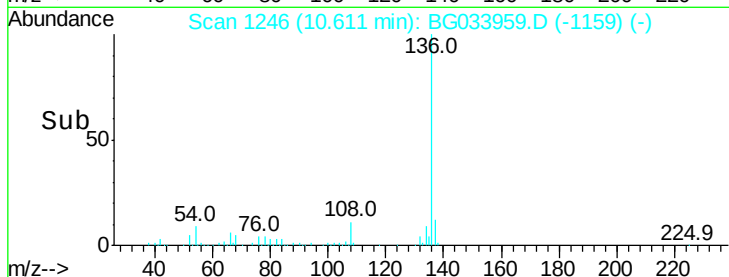
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033959.D
Acq: 24 Apr 2018 18:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	314168
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	8.6	10.3 15.5#
68	4.7	4.5 6.7

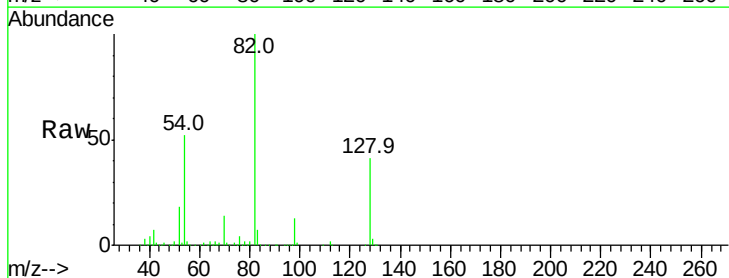


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

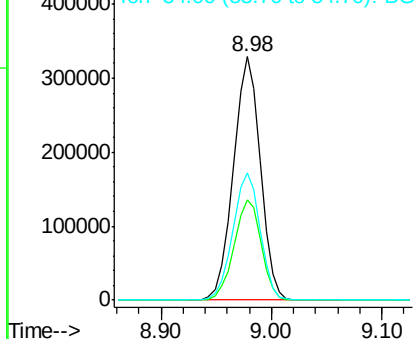
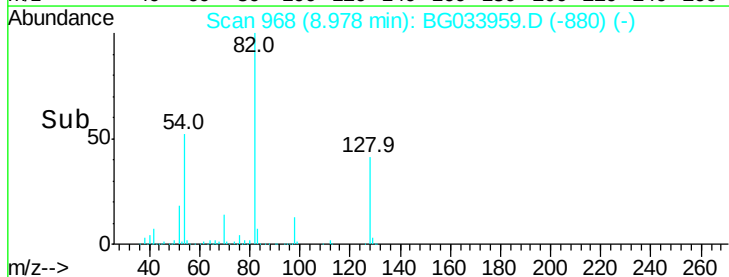


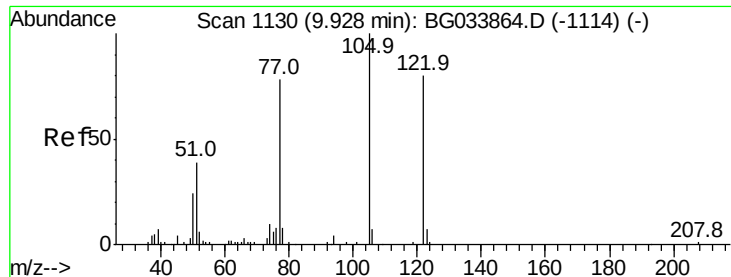
#23
Nitrobenzene-d5
Concen: 102.106 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033959.D
Acq: 24 Apr 2018 18:10

Tgt Ion: 82	Resp:	563676
Ion Ratio	Lower	Upper
82	100	
128	41.0	29.7 44.5
54	52.2	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

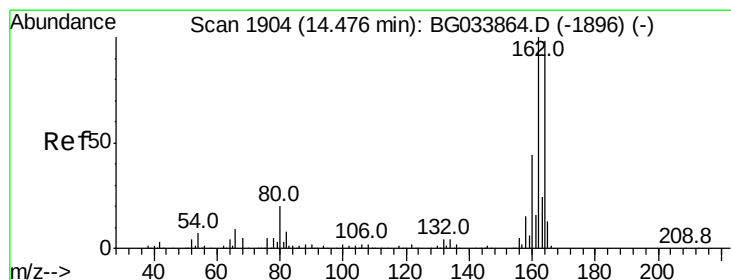
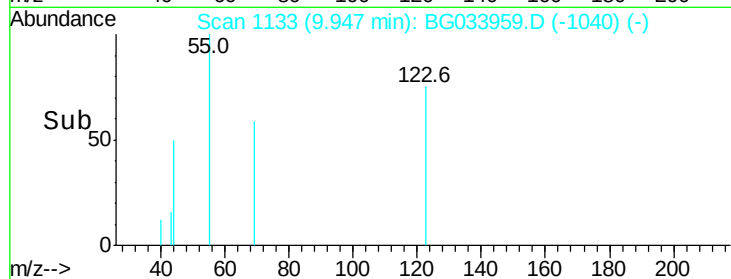
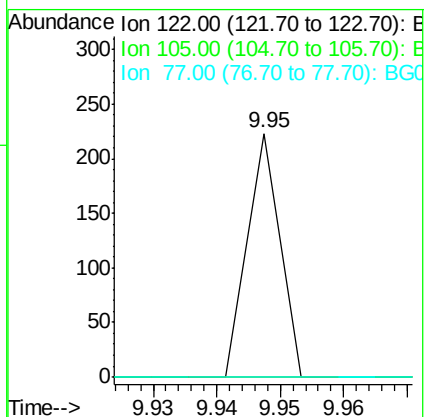
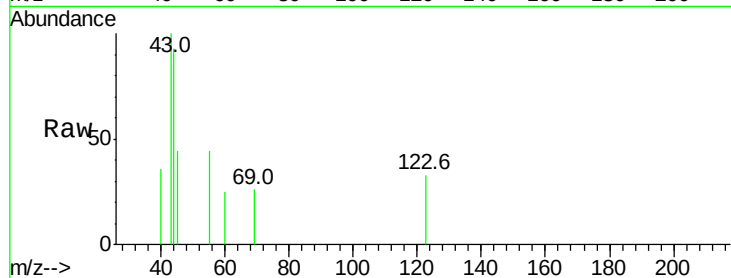




#32
Benzoic acid
Concen: 5.100 ng
RT: 9.95 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BG033959.D
Acq: 24 Apr 2018 18:10

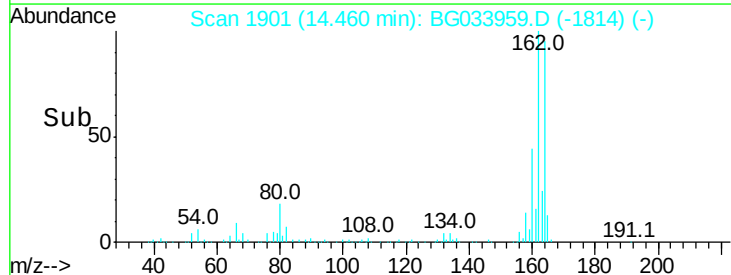
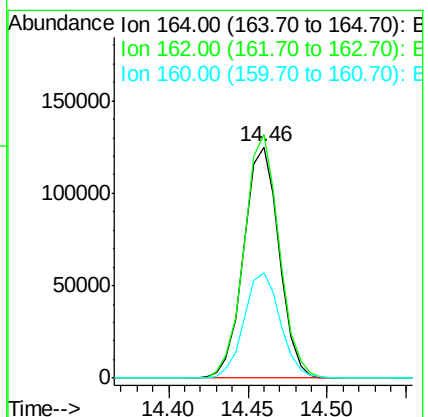
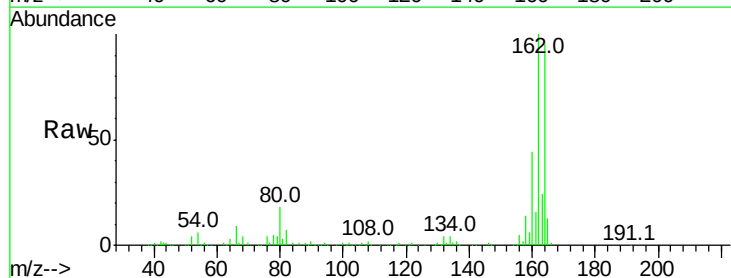
Instrument :
BNA_G
ClientSampleId :

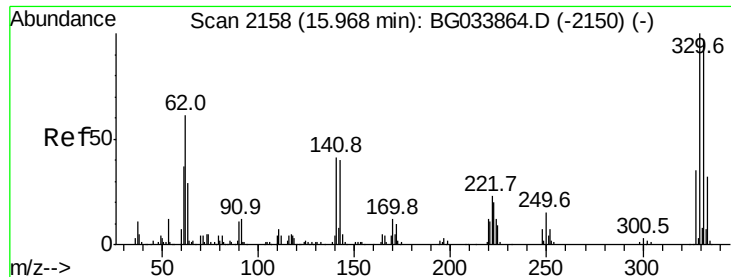
Tot Ion:122 Resp: 79
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033959.D
Acq: 24 Apr 2018 18:10

Tgt Ion:164 Resp: 193634
Ion Ratio Lower Upper
164 100
162 105.2 78.8 118.2
160 45.8 35.4 53.0

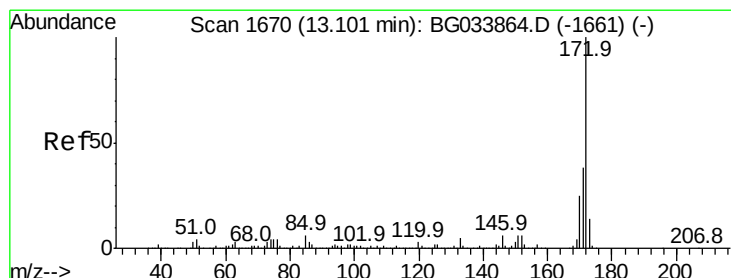
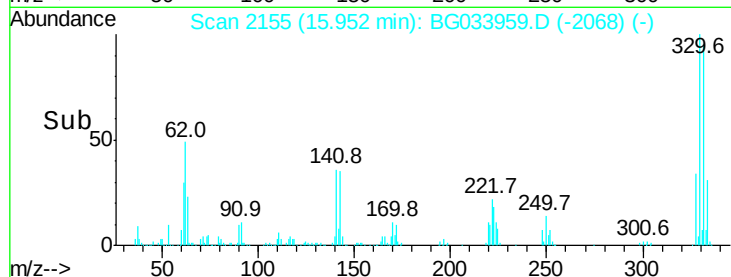
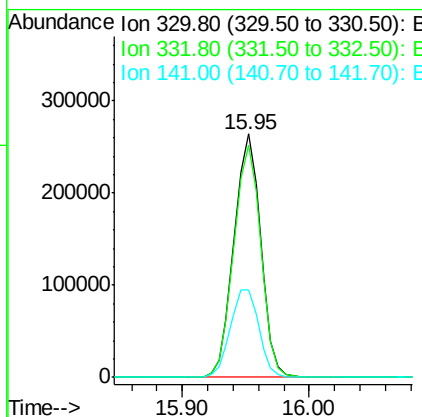
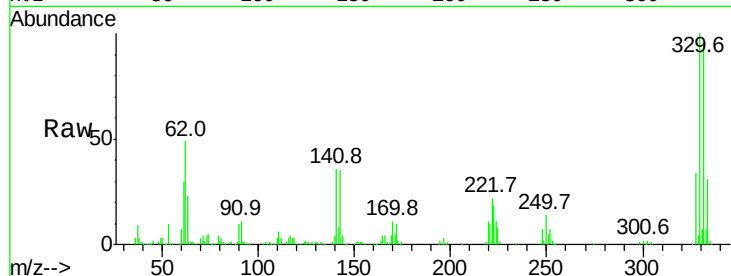




#41
 2,4,6-Tribromophenol
 Concen: 170.702 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

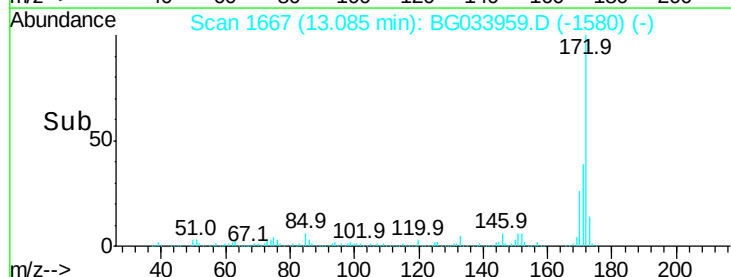
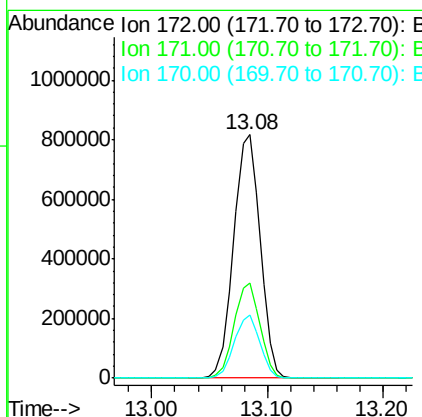
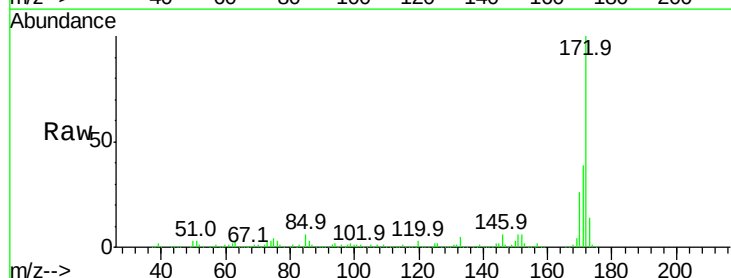
Instrument :
 BNA_G
 ClientSampleId :

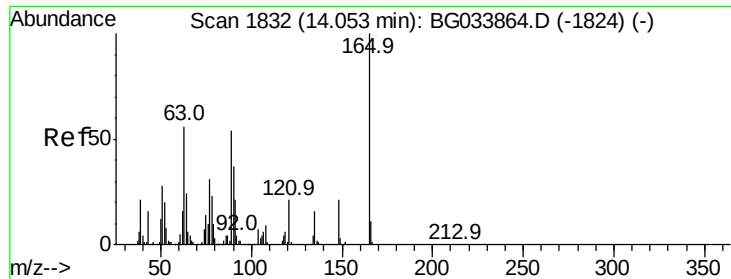
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	38.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 98.719 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.9	19.5	29.3

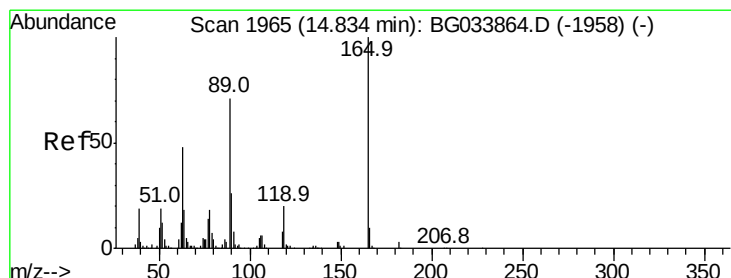
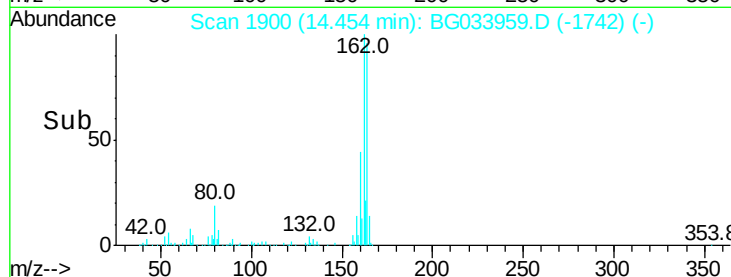
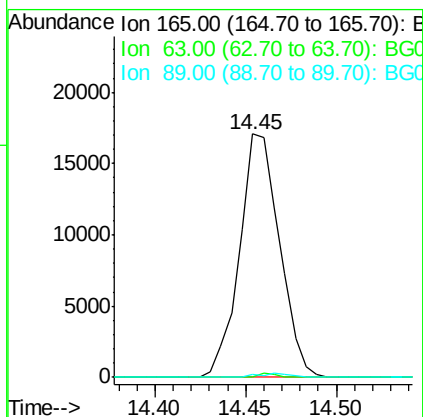
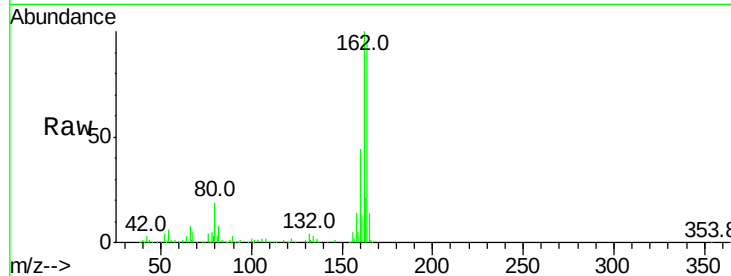




#50
 2,6-Dinitrotoluene
 Concen: 8.102 ng
 RT: 14.45 min Scan# 1900
 Delta R.T. 0.40 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

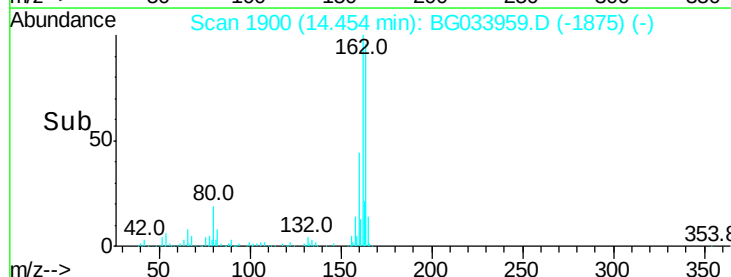
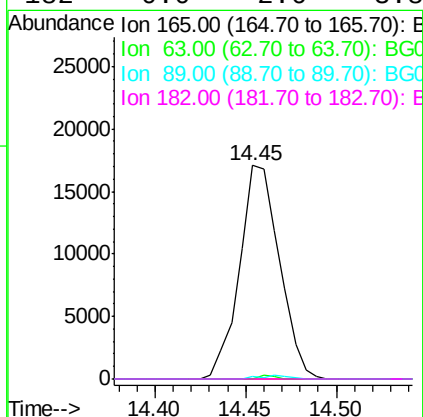
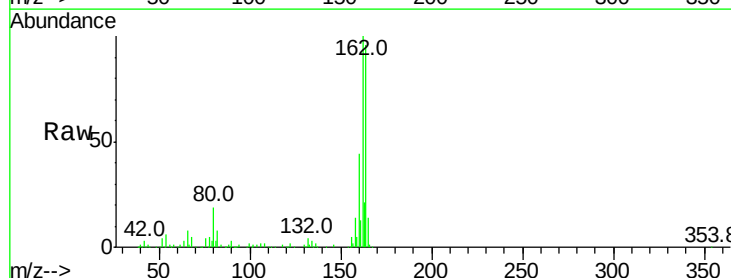
Instrument :
 BNA_G
 ClientSampleId :

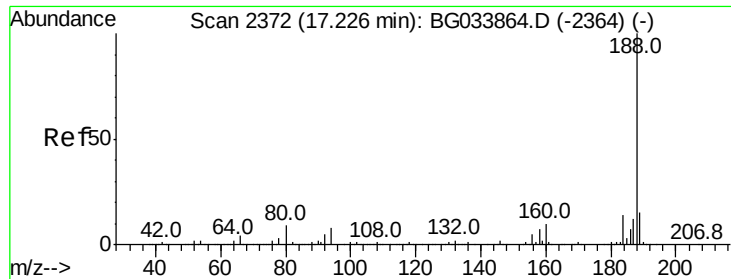
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.5	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.093 ng
 RT: 14.45 min Scan# 1900
 Delta R.T. -0.38 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#

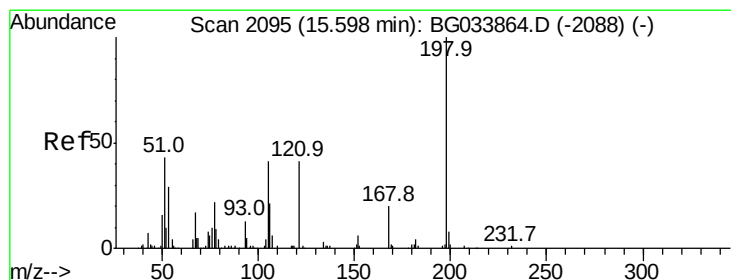
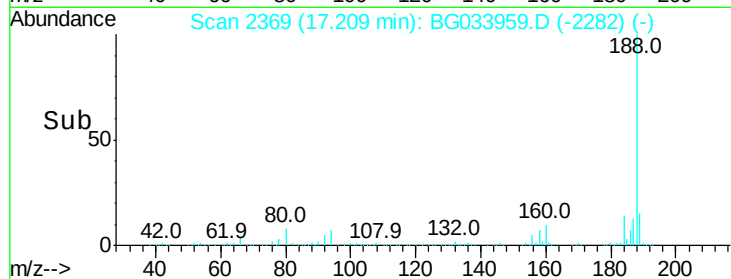
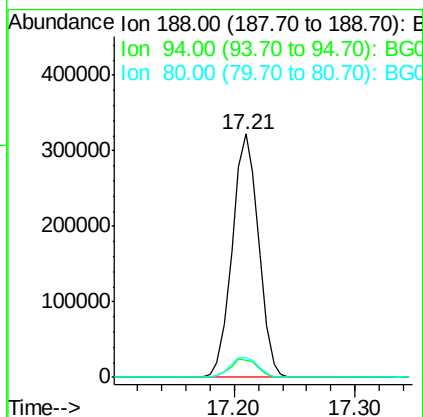
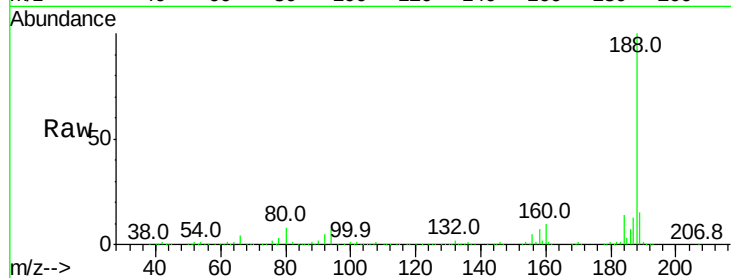




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

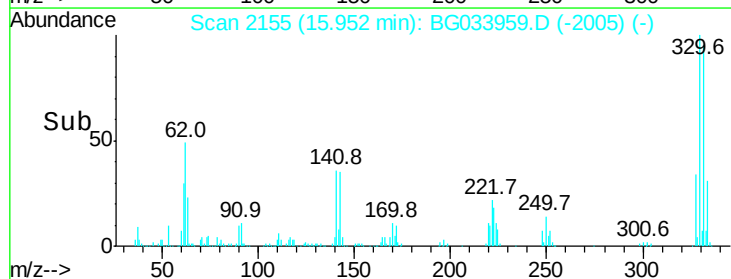
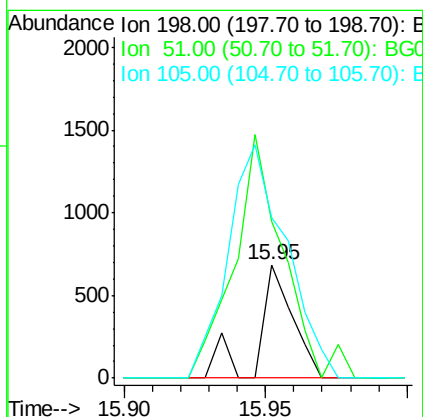
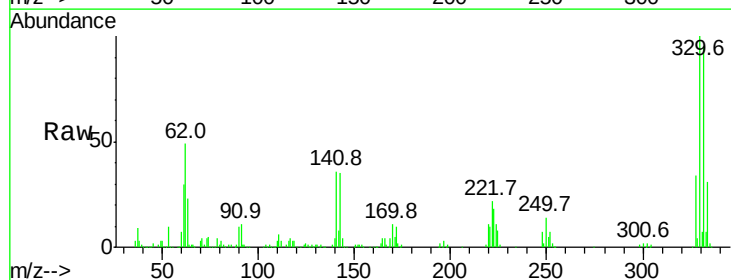
Instrument :
 BNA_G
 ClientSampleId :

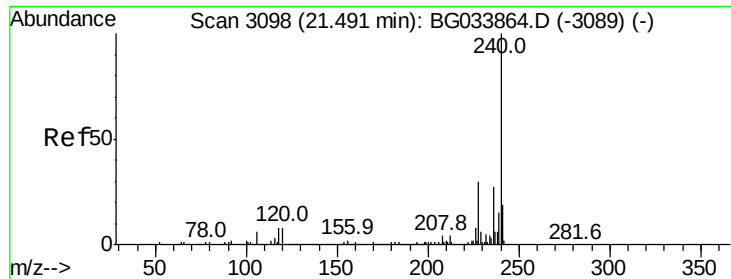
Tot Ion:188 Resp: 490174
 Ion Ratio Lower Upper
 188 100
 94 7.1 6.9 10.3
 80 8.3 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.695 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. 0.35 min
 Lab File: BG033959.D
 Acq: 24 Apr 2018 18:10

Tgt Ion:198 Resp: 562
 Ion Ratio Lower Upper
 198 100
 51 21.6 30.6 70.6#
 105 22.1 23.8 63.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.46 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

Instrument :

BNA_G

ClientSampleId :

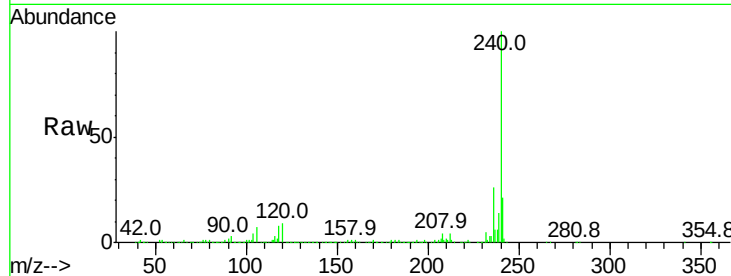
Tot Ion:240 Resp: 579234

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

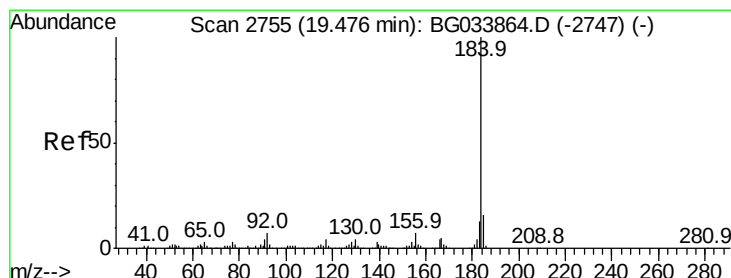
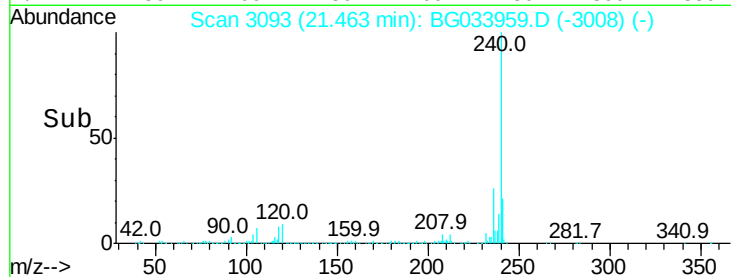
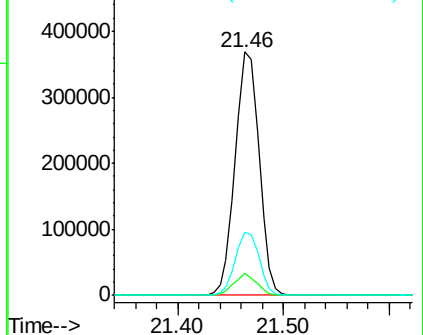
236 25.8 20.9 31.3



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



#76

Benzidine

Concen: 11.441 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

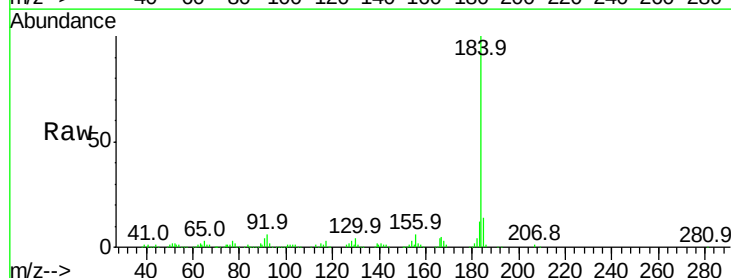
Tgt Ion:184 Resp: 178947

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

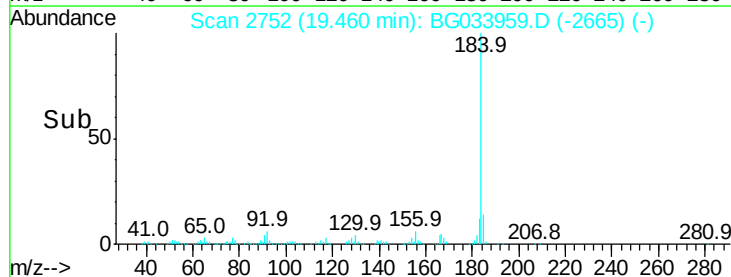
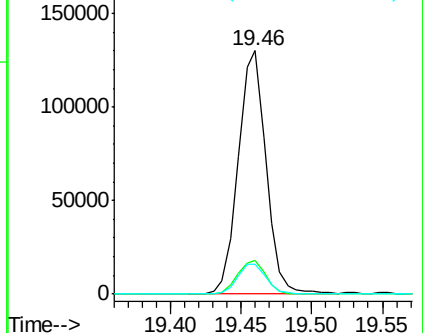
183 12.5 10.6 16.0

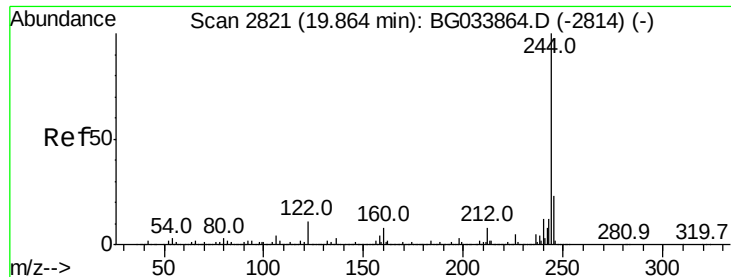


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 91.145 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

Instrument :

BNA_G

ClientSampleId :

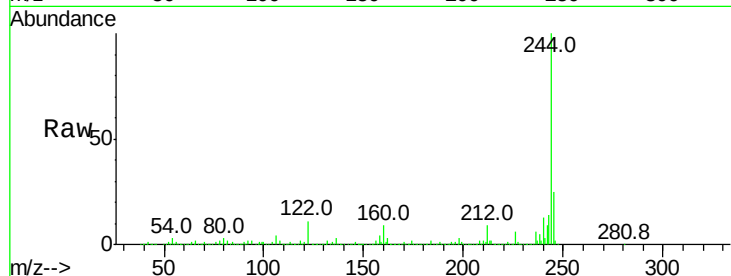
Tot Ion:244 Resp: 2349951

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	10.9	7.0	10.4#

244 100

212 9.1 5.8 8.8#

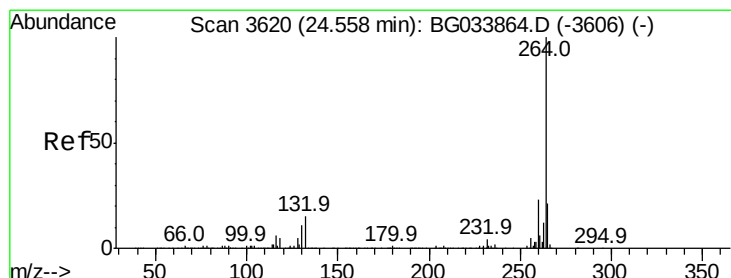
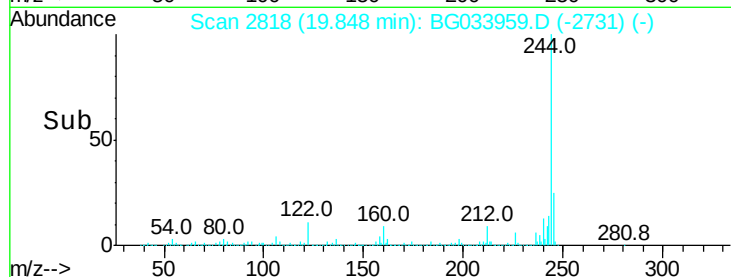
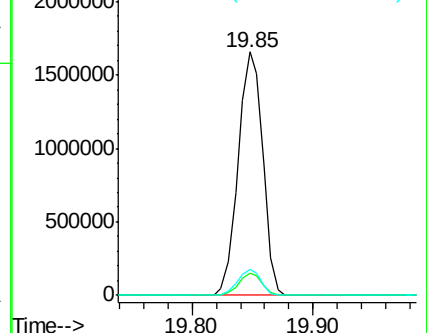
122 10.9 7.0 10.4#



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# 3613

Delta R.T. -0.04 min

Lab File: BG033959.D

Acq: 24 Apr 2018 18:10

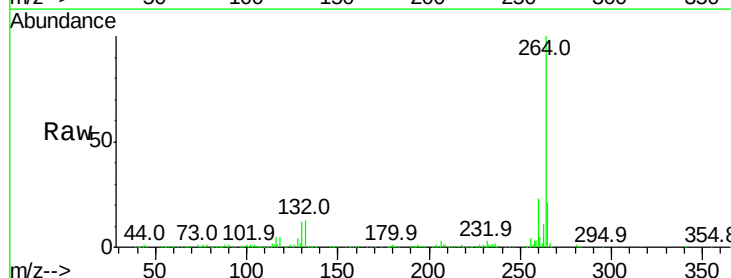
Tgt Ion:264 Resp: 591985

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.2	17.7	26.5

264 100

260 22.8 17.4 26.0

265 21.2 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

