

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033193.D
 Acq On : 16 Mar 2018 1:26
 Operator : SJ/JU
 Sample : PB107389BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 04:58:20 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	15957	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	65761	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	41208	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	179925	20.00	ng	0.00
75) Chrysene-d12	22.60	240	206009	20.00	ng	-0.01
86) Perylene-d12	26.40	264	226944	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	119583	119.89	ng	0.00
7) Phenol-d6	8.00	99	145622	104.75	ng	-0.01
23) Nitrobenzene-d5	10.10	82	90876	94.63	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	130515	301.22	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	262759	91.96	ng	0.00
78) Terphenyl-d14	20.76	244	828401	90.35	ng	0.00

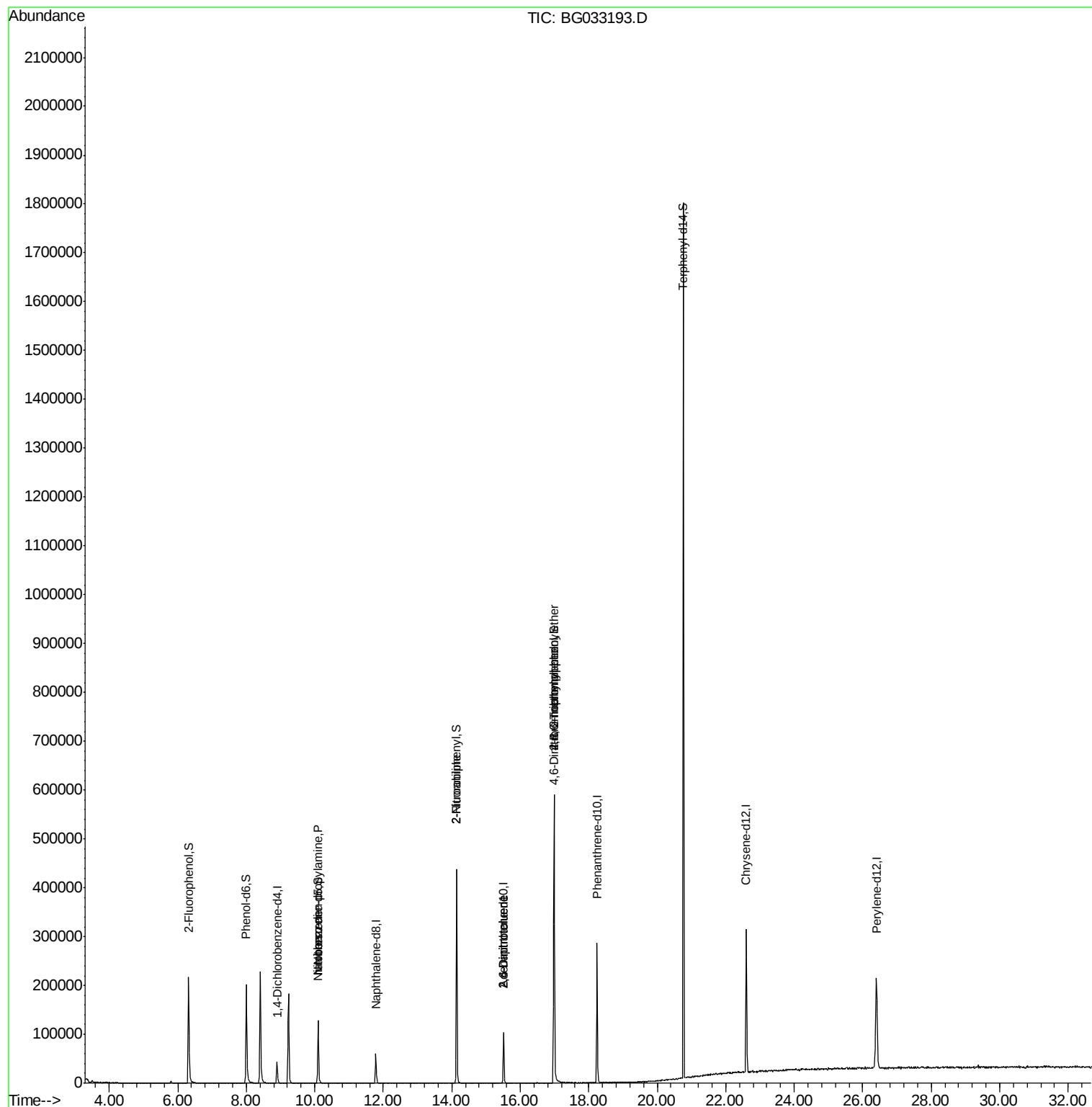
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.10	70	12397	12.631	ng	# 78
24) Nitrobenzene	10.11	77	77	6.444	ng	# 42
47) 2-Nitroaniline	14.14	65	201	10.071	ng	# 1
50) 2,6-Dinitrotoluene	15.51	165	5337	16.405	ng	# 18
56) 2,4-Dinitrotoluene	15.51	165	5337	14.603	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.98	198	166	5.341	ng	# 38
66) 4-Bromophenyl-phenylether	16.99	248	8274	4.349	ng	# 1

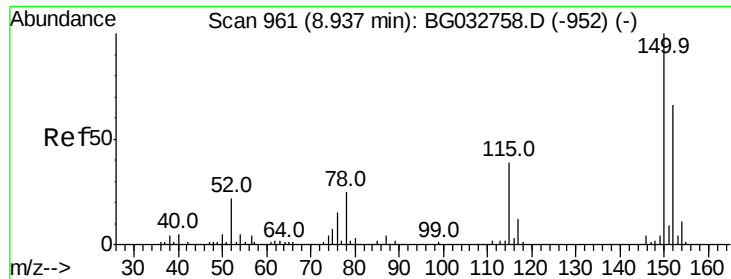
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033193.D
Acq On : 16 Mar 2018 1:26
Operator : SJ/JU
Sample : PB107389BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 16 04:58:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Instrument :

BNA_G

ClientSampleId :

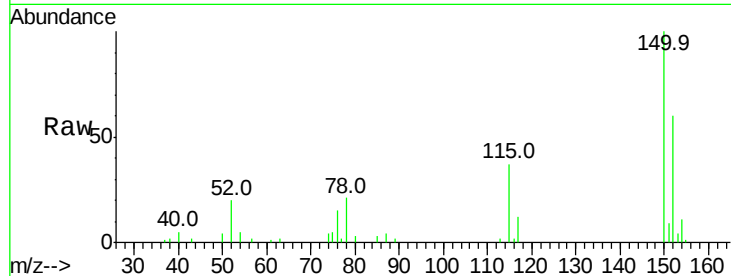
Tot Ion:152 Resp: 15957

Ion Ratio Lower Upper

152 100

150 167.1 126.6 189.8

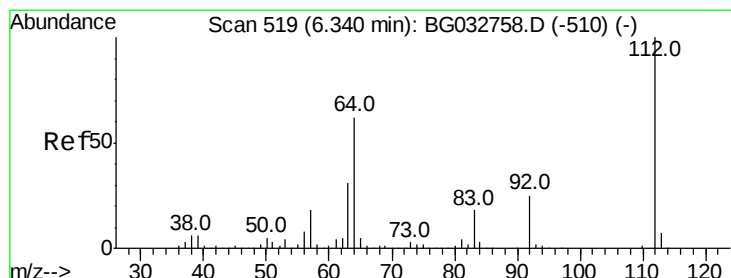
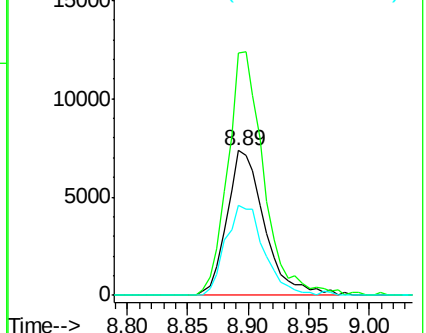
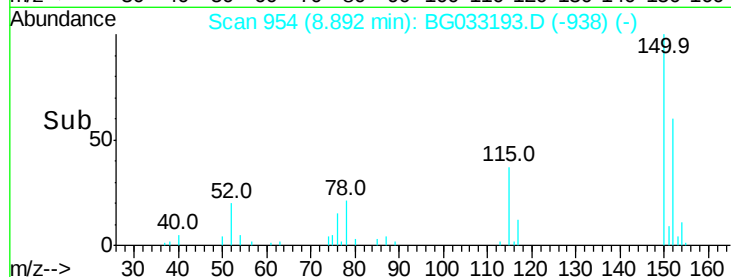
115 62.4 53.0 79.4



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: 119.894 ng

RT: 6.31 min Scan# 515

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

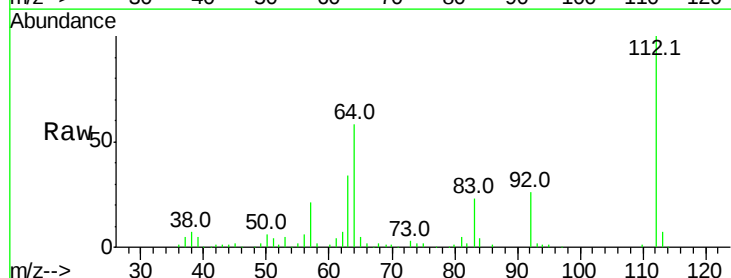
Tgt Ion:112 Resp: 119583

Ion Ratio Lower Upper

112 100

64 57.9 56.3 84.5

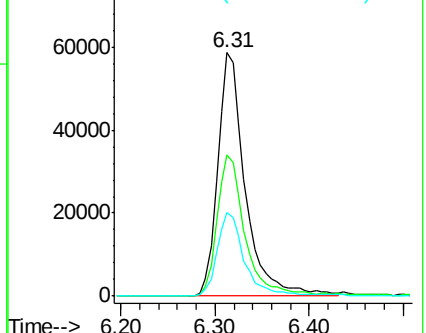
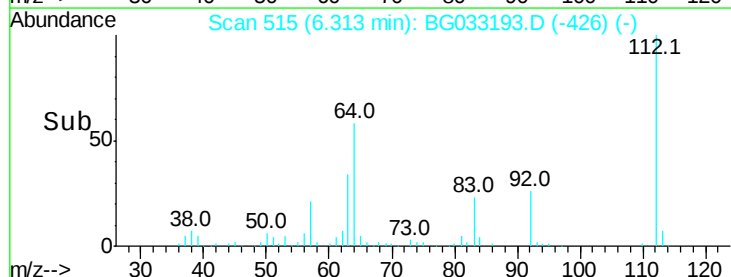
63 34.5 30.1 45.1

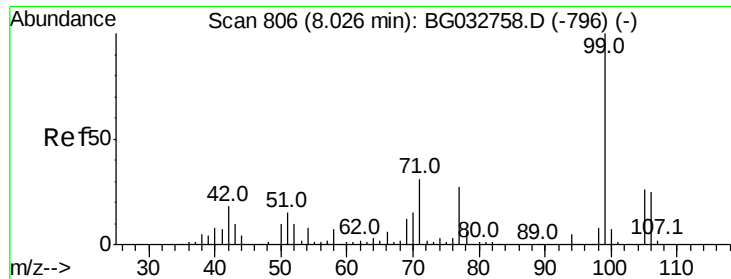


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.746 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Instrument :

BNA_G

ClientSampled :

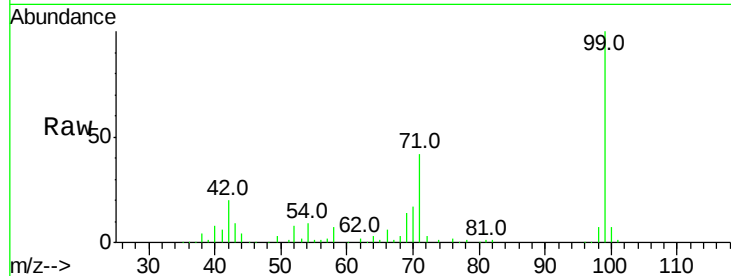
Tot Ion: 99 Resp: 145622

Ion Ratio Lower Upper

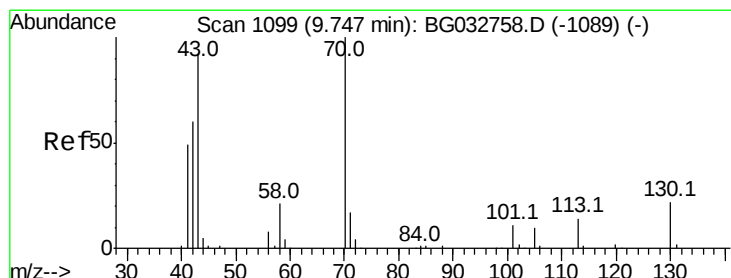
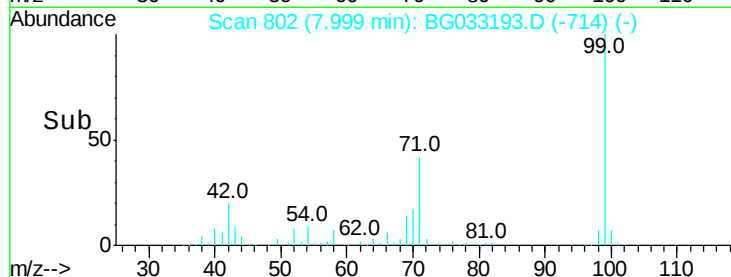
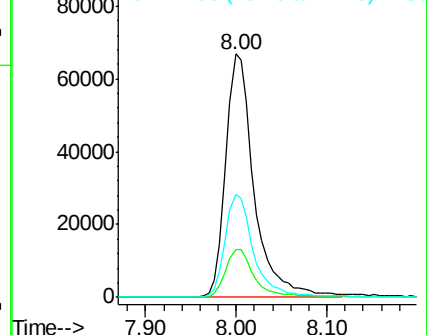
99 100

42 19.8 14.1 21.1

71 42.2 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: 12.631 ng

RT: 10.10 min Scan# 1159

Delta R.T. 0.38 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Tgt Ion: 70 Resp: 12397

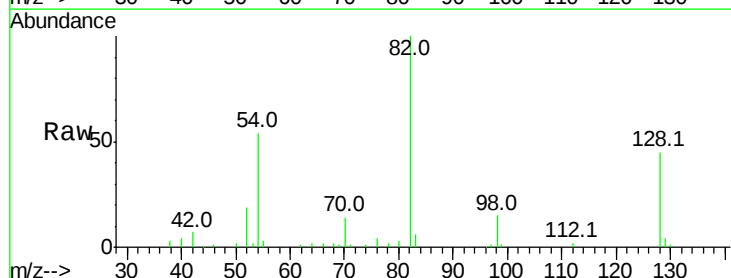
Ion Ratio Lower Upper

70 100

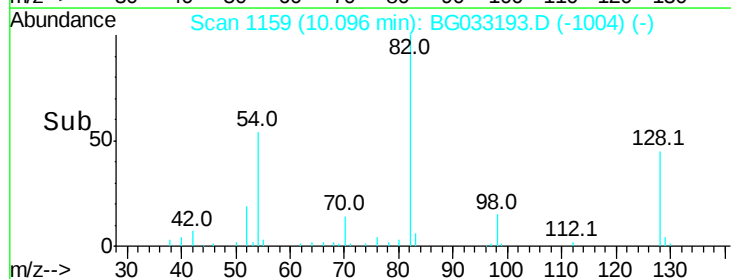
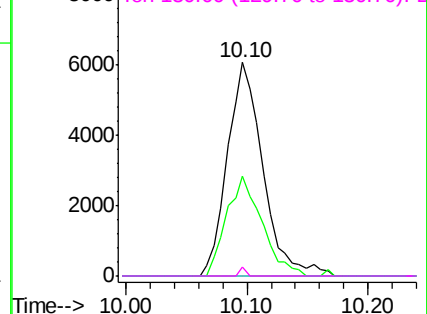
42 46.7 49.1 73.7#

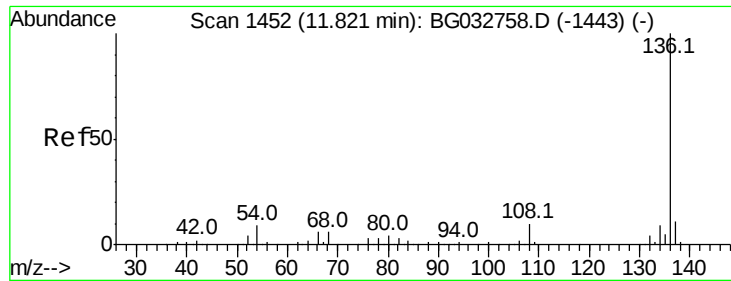
101 0.0 8.5 12.7#

130 3.9 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

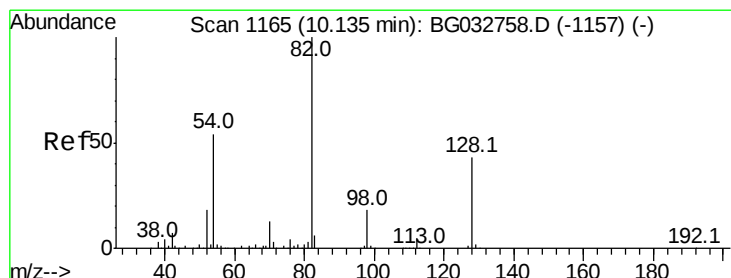
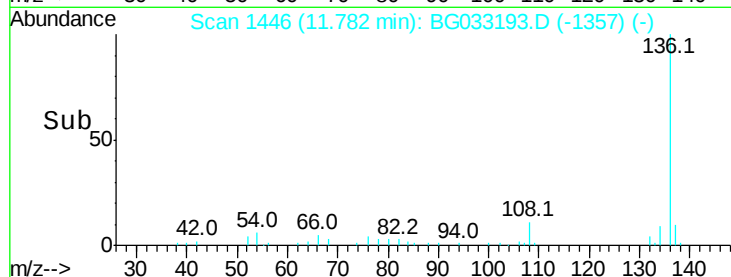
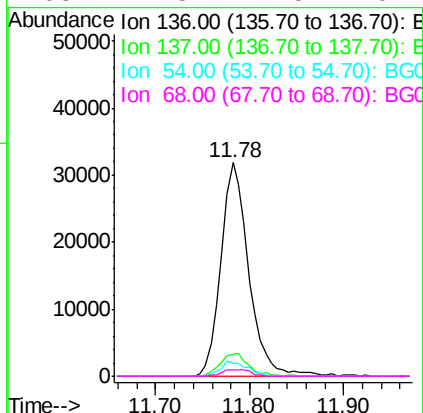
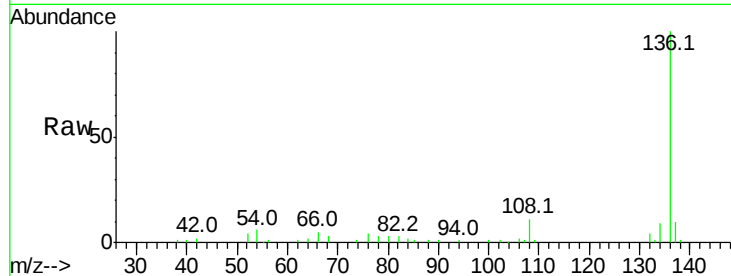




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033193.D
Acq: 16 Mar 2018 1:26

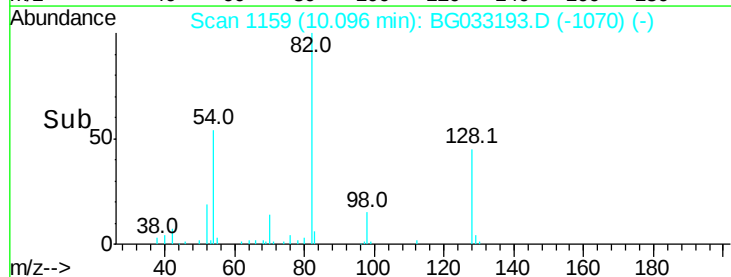
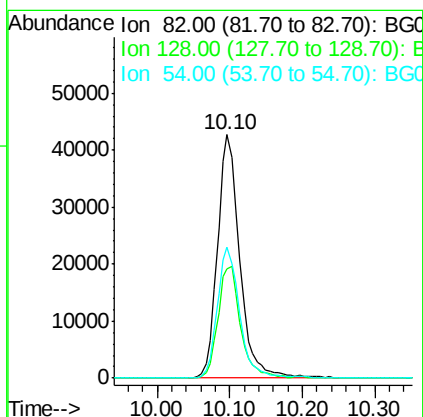
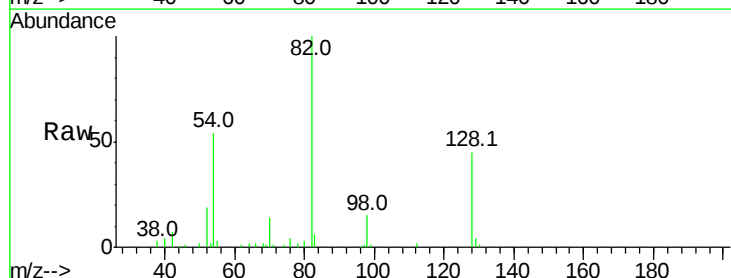
Instrument :
BNA_G
ClientSampleId :

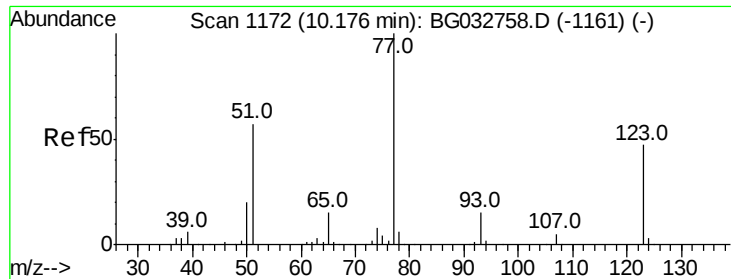
Tot Ion:136	Resp:	65761
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	5.9	10.3 15.5#
68	2.8	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 94.627 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BG033193.D
Acq: 16 Mar 2018 1:26

Tgt Ion: 82	Resp:	90876
Ion Ratio	Lower	Upper
82	100	
128	44.9	29.7 44.5#
54	53.9	43.1 64.7

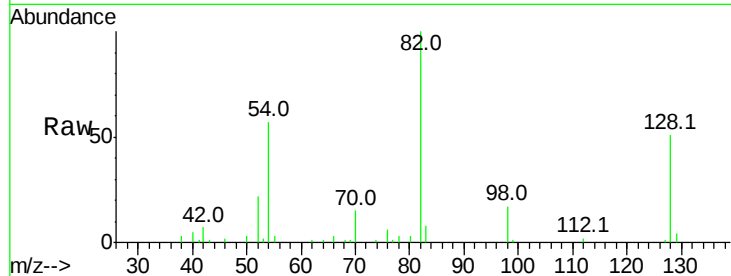




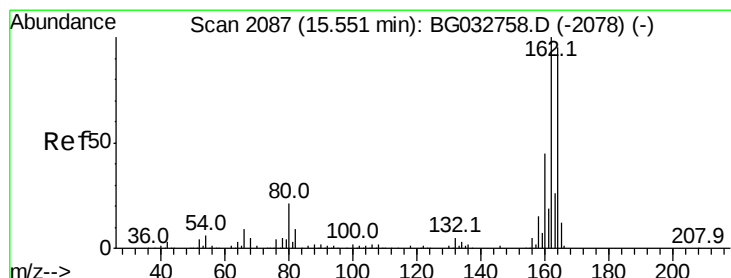
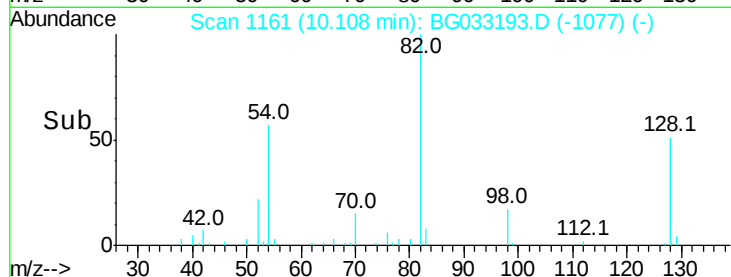
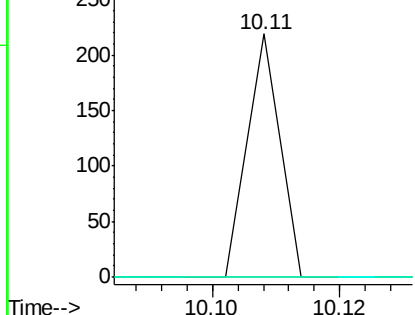
#24
 Nitrobenzene
 Concen: 6.444 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#

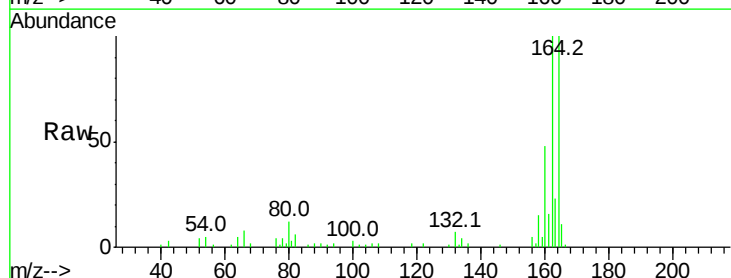


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

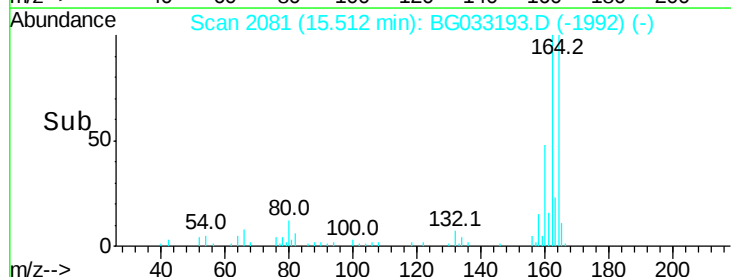
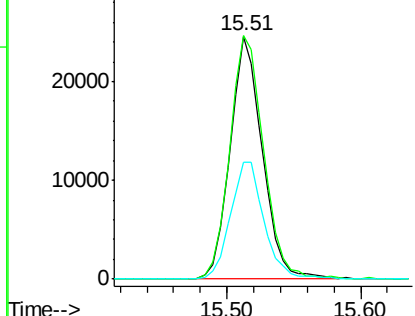


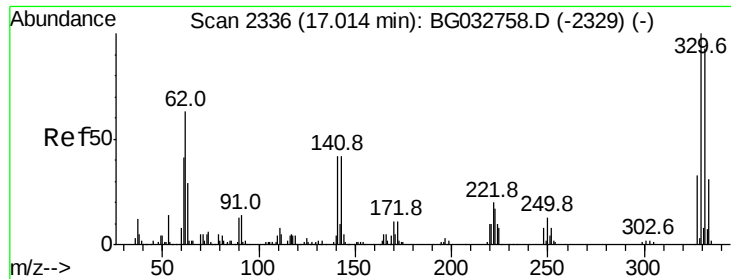
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	48.3	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

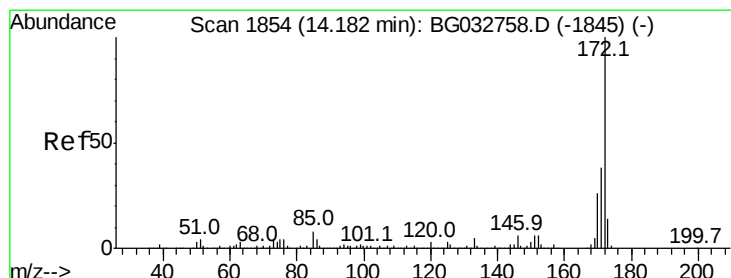
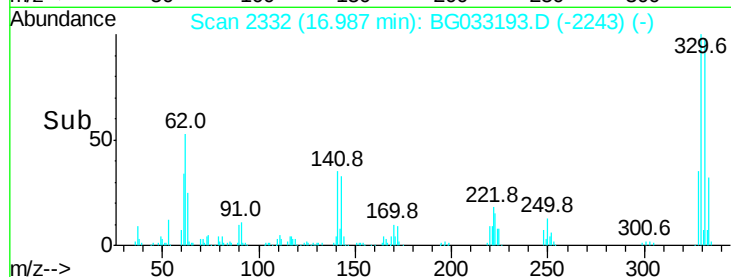
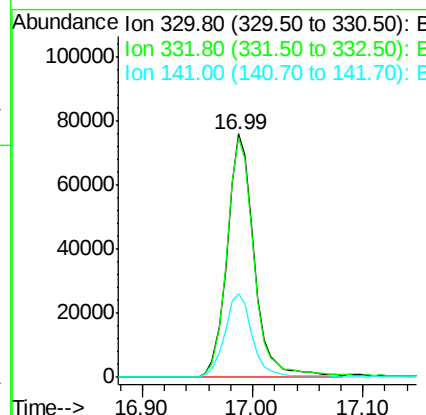
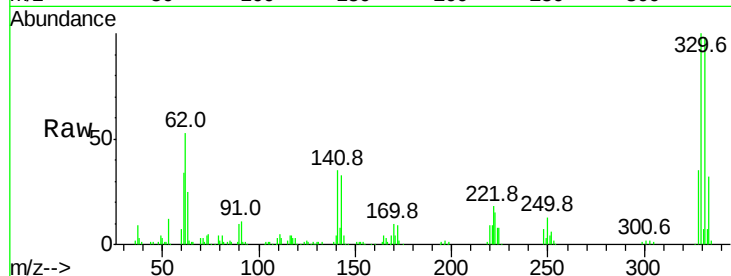




#41
 2,4,6-Tribromophenol
 Concen: 301.220 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.01 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

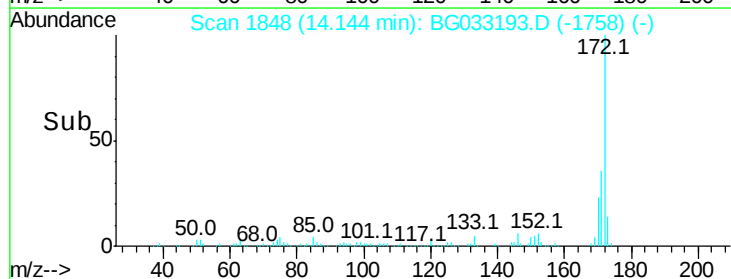
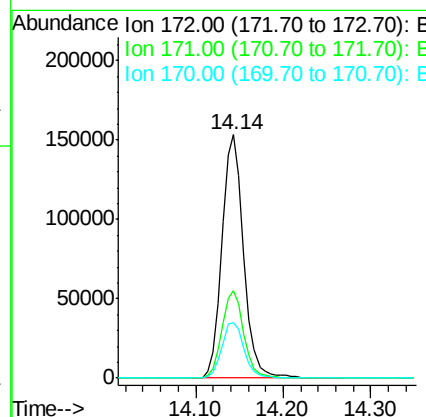
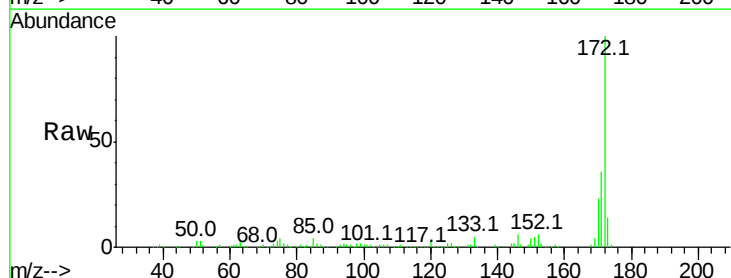
Instrument :
 BNA_G
 ClientSampleId :

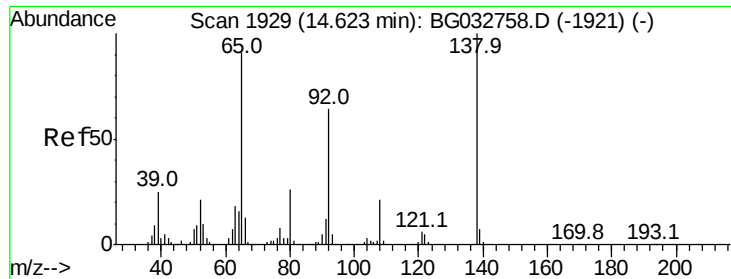
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	35.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 91.964 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	22.9	19.5	29.3





#47

2-Nitroaniline

Concen: 10.071 ng

RT: 14.14 min Scan# 1848

Delta R.T. -0.46 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Instrument :

BNA_G

ClientSampleId :

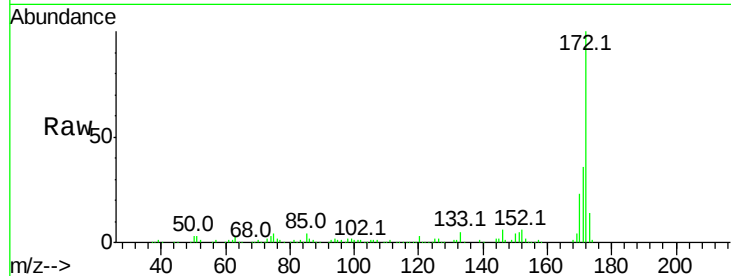
Tot Ion: 65 Resp: 201

Ion Ratio Lower Upper

65 100

92 336.8 54.6 82.0#

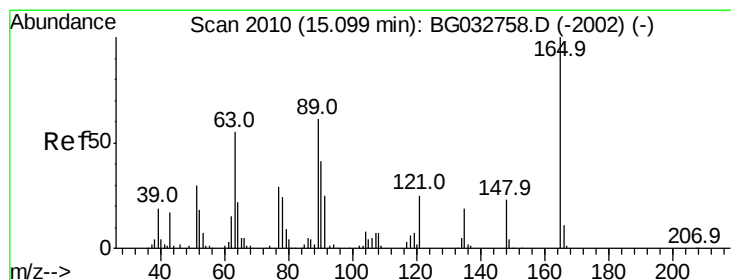
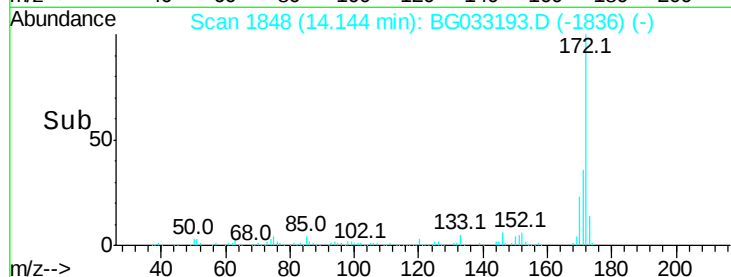
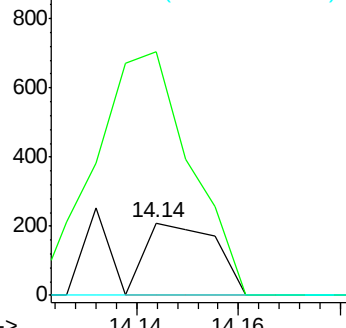
138 0.0 72.9 109.3#



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



#50

2,6-Dinitrotoluene

Concen: 16.405 ng

RT: 15.51 min Scan# 2080

Delta R.T. 0.43 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

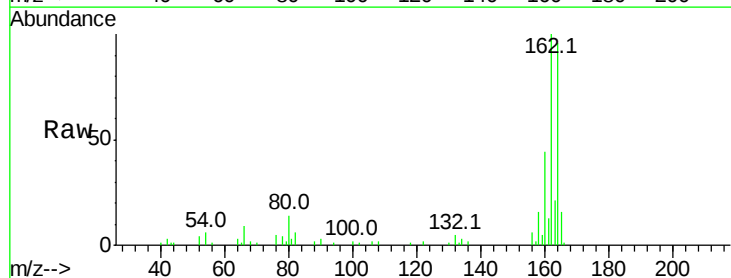
Tgt Ion:165 Resp: 5337

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

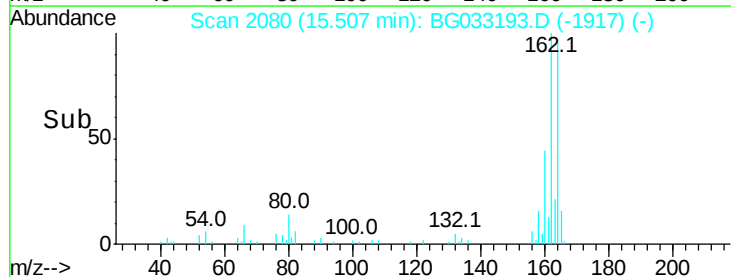
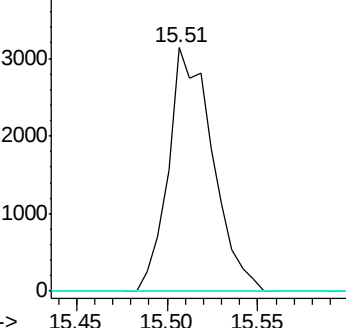
89 0.0 49.2 73.8#

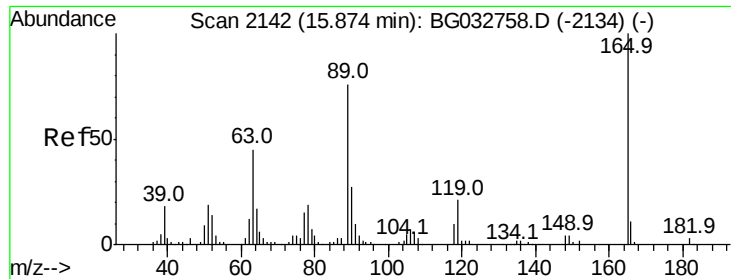


Abundance Ion 165.00 (164.70 to 165.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

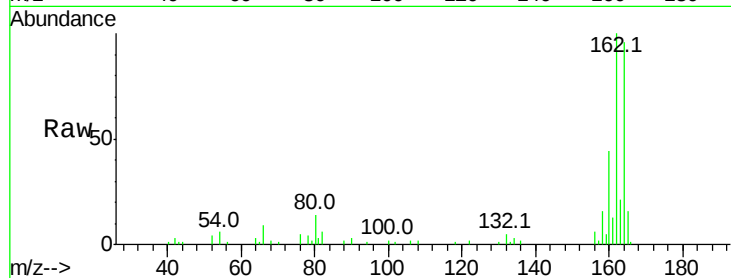




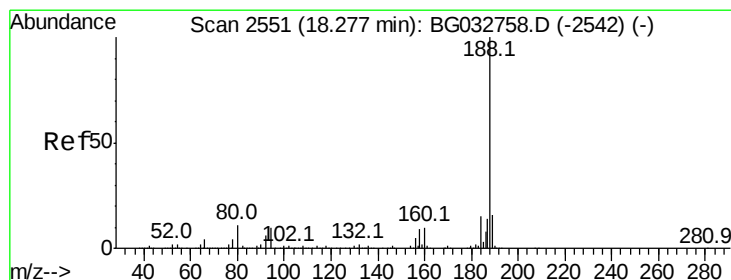
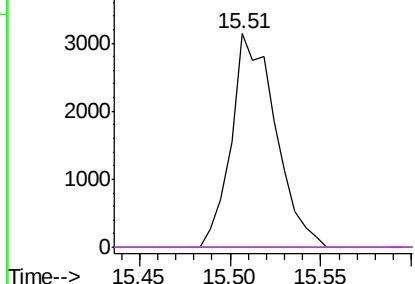
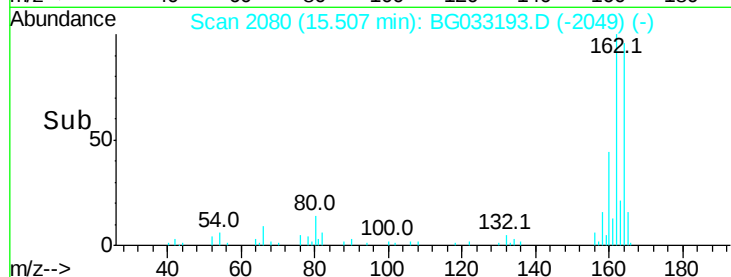
#56
 2,4-Dinitrotoluene
 Concen: 14.603 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.35 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 5337
 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#

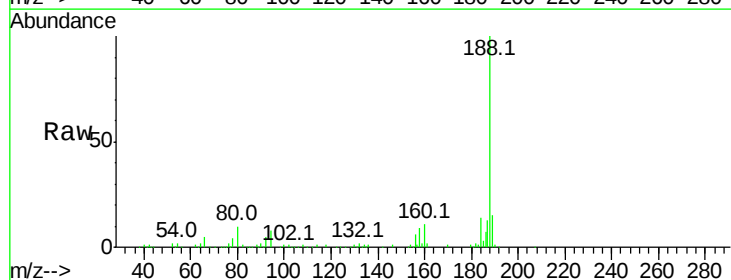


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

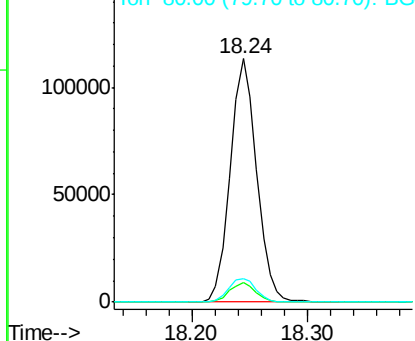
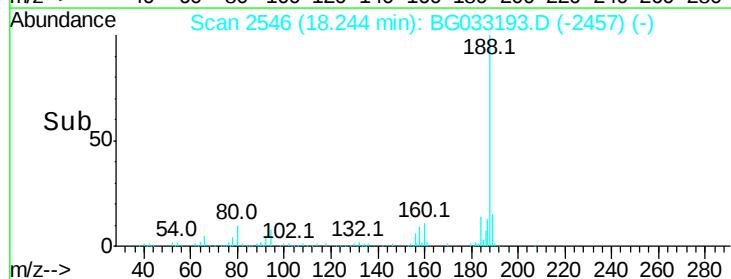


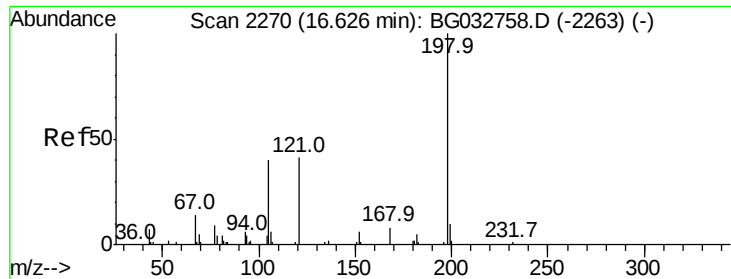
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Tgt Ion:188 Resp: 179925
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.9 10.3
 80 9.9 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

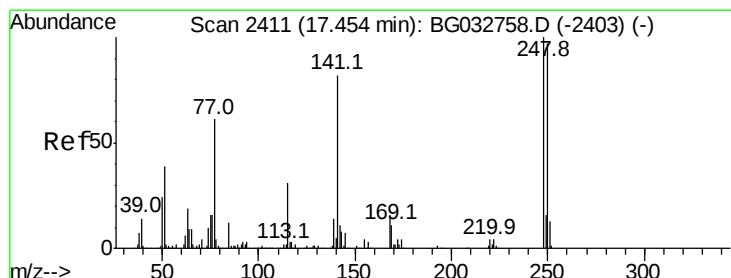
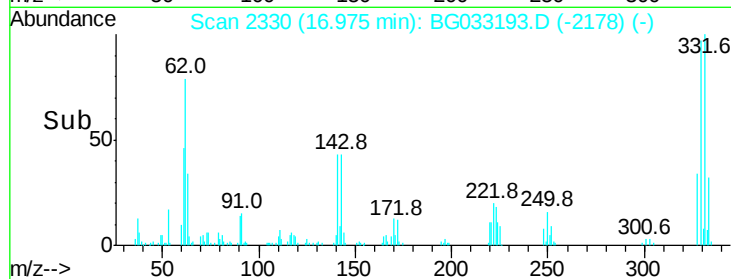
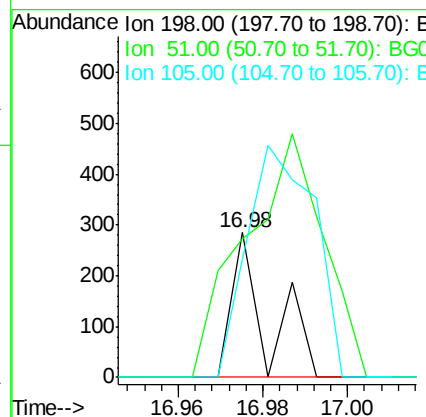
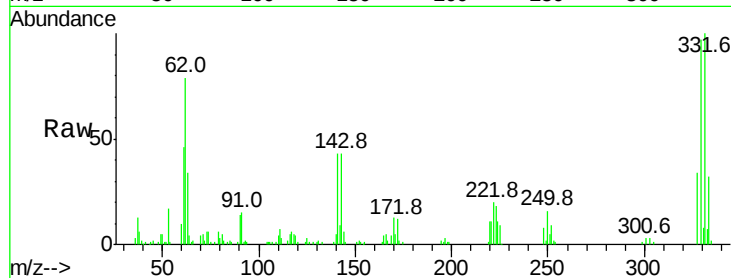




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.341 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. 0.36 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

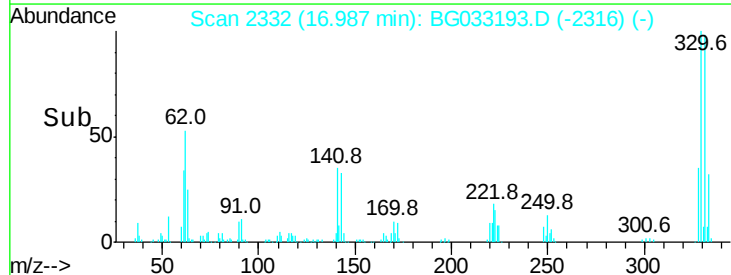
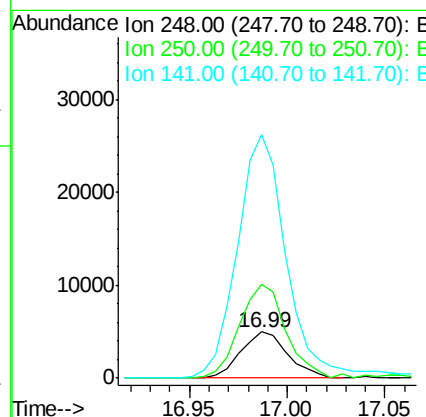
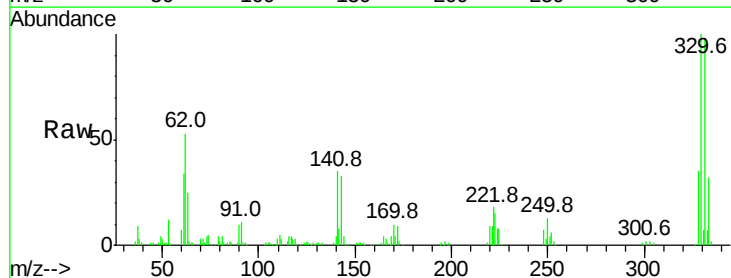
Instrument :
 BNA_G
 ClientSampled :

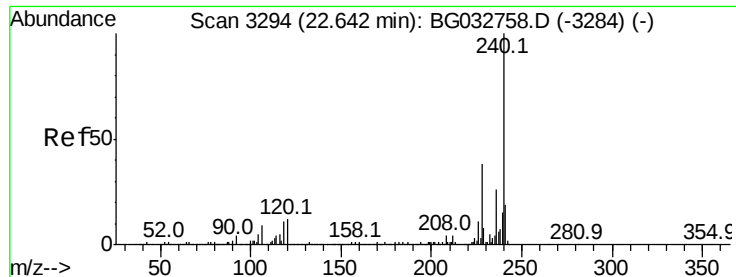
Tot Ion:198 Resp: 166
 Ion Ratio Lower Upper
 198 100
 51 95.8 30.6 70.6#
 105 81.8 23.8 63.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.349 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.43 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Tgt Ion:248 Resp: 8274
 Ion Ratio Lower Upper
 248 100
 250 203.4 77.1 115.7#
 141 528.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

Instrument :

BNA_G

ClientSampleId :

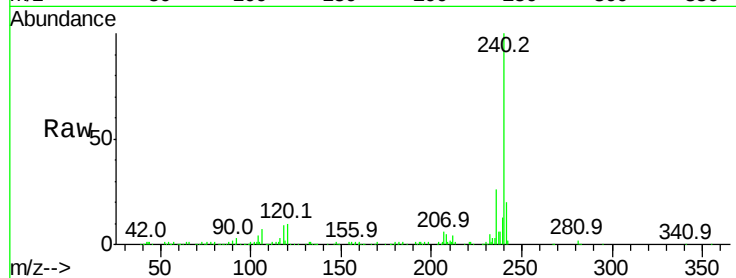
Tot Ion:240 Resp: 206009

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

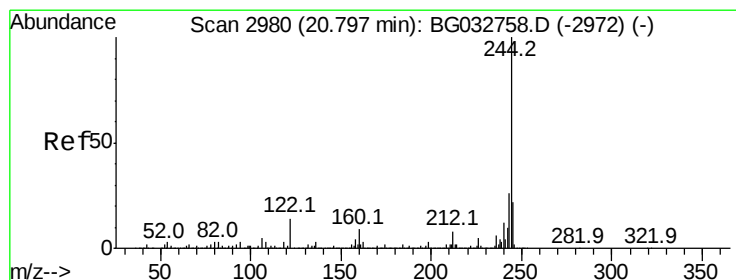
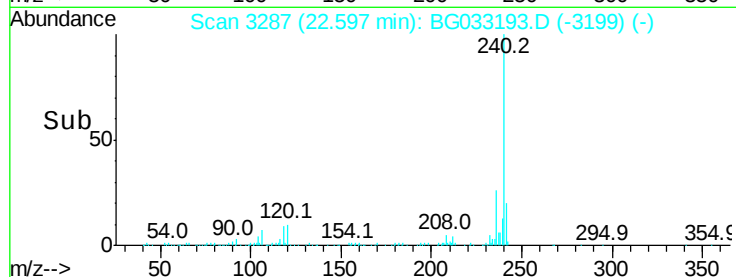
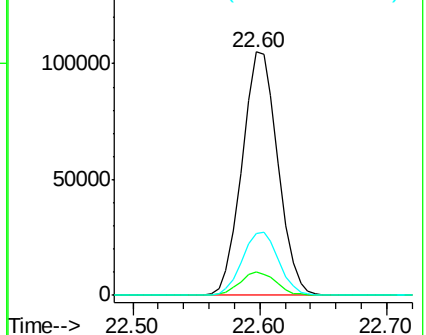
236 25.5 20.9 31.3



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: 90.345 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033193.D

Acq: 16 Mar 2018 1:26

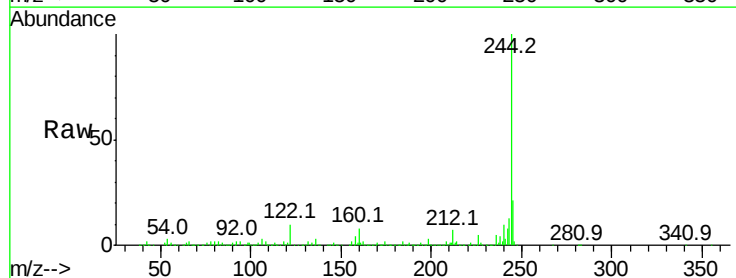
Tgt Ion:244 Resp: 828401

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

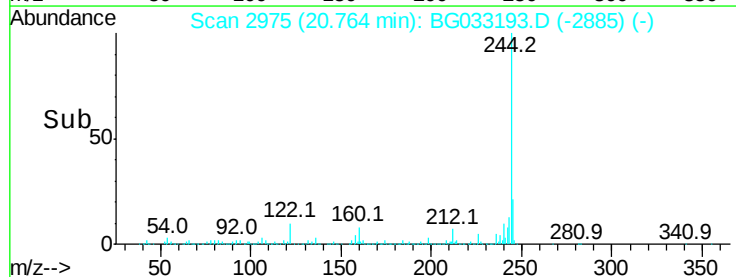
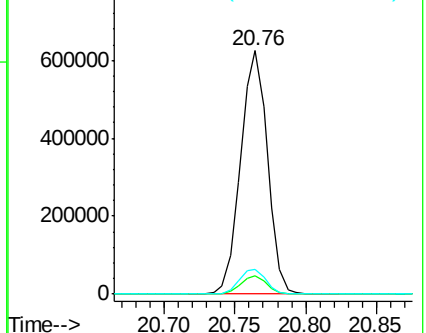
122 10.3 7.0 10.4

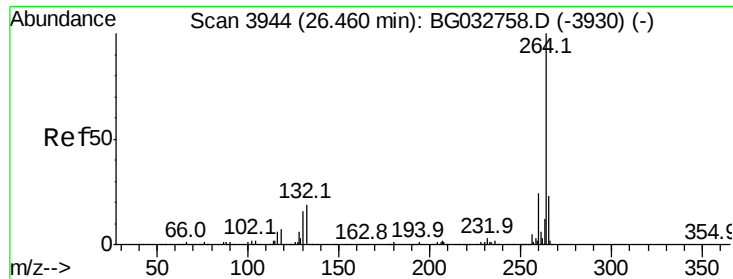


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

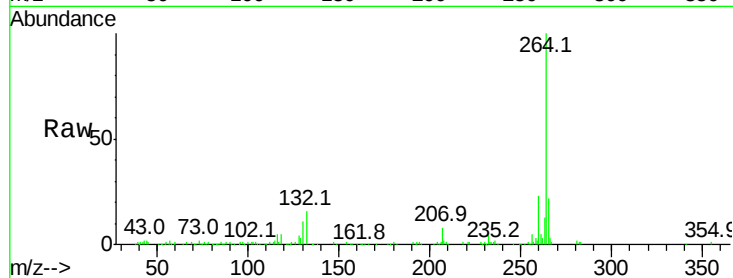




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3934
 Delta R.T. -0.01 min
 Lab File: BG033193.D
 Acq: 16 Mar 2018 1:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.7	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

