

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033190.D
 Acq On : 15 Mar 2018 23:33
 Operator : SJ/JU
 Sample : J1927-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 16 04:56:39 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	8.90	152	17594	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	70174	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	45167	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	122853	20.00	ng	0.00
75) Chrysene-d12	22.60	240	150172	20.00	ng	-0.01
86) Perylene-d12	26.40	264	176109	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	127173	115.64	ng	0.00
7) Phenol-d6	8.00	99	165062	107.68	ng	-0.01
23) Nitrobenzene-d5	10.10	82	100966	98.11	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	127900	269.31	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	279781	89.34	ng	0.00
78) Terphenyl-d14	20.76	244	581334	86.97	ng	0.00

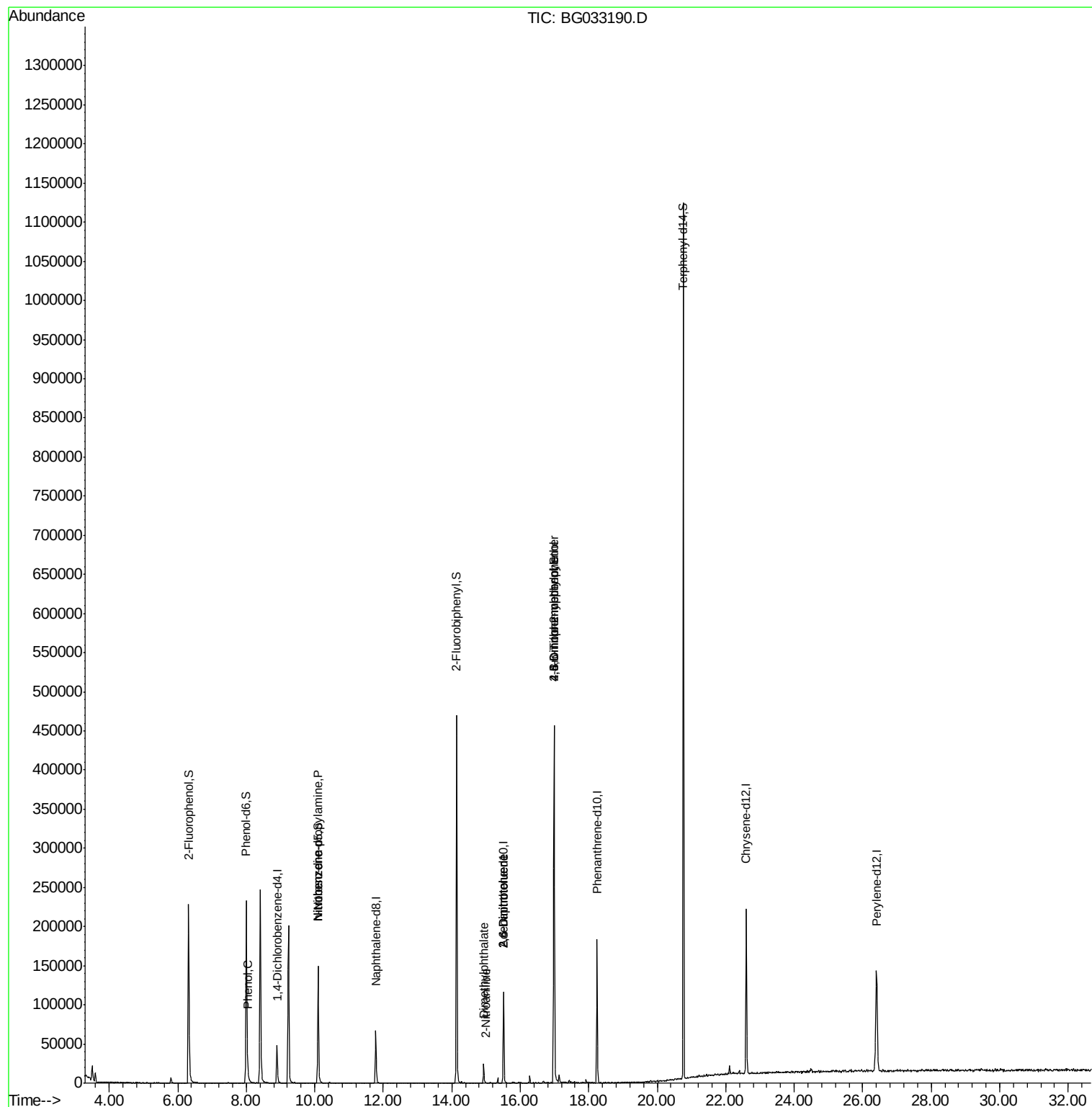
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	8.04	94	4901	3.172	ng	# 70
19) n-Nitroso-di-n-propylamine	10.09	70	13680	12.641	ng	# 78
24) Nitrobenzene	10.10	77	117	6.471	ng	# 42
47) 2-Nitroaniline	15.00	65	54	9.893	ng	# 9
49) Dimethylphthalate	14.93	163	19474	5.078	ng	# 97
50) 2,6-Dinitrotoluene	15.51	165	5447	15.888	ng	# 18
56) 2,4-Dinitrotoluene	15.51	165	5447	14.082	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.98	198	87	5.250	ng	# 6
66) 4-Bromophenyl-phenylether	16.99	248	7746	5.963	ng	# 1

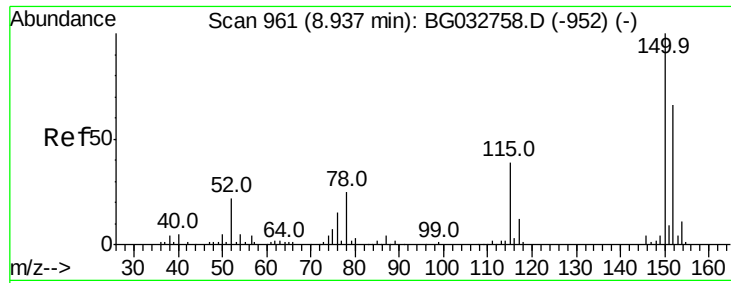
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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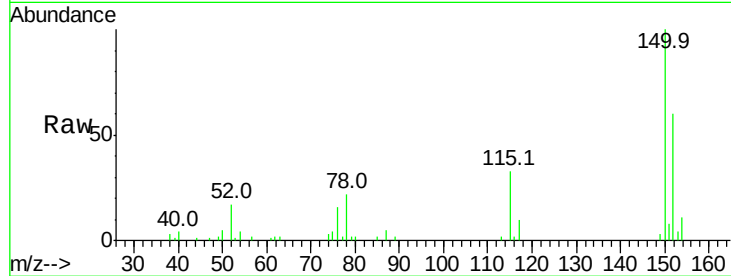


#1

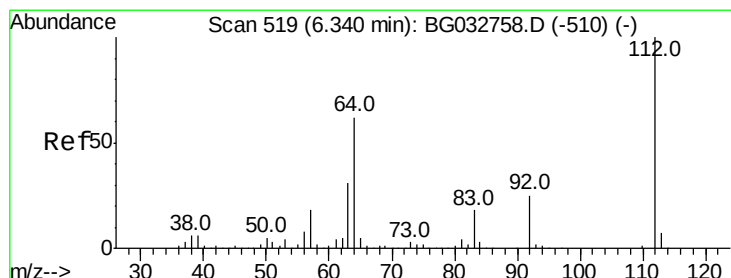
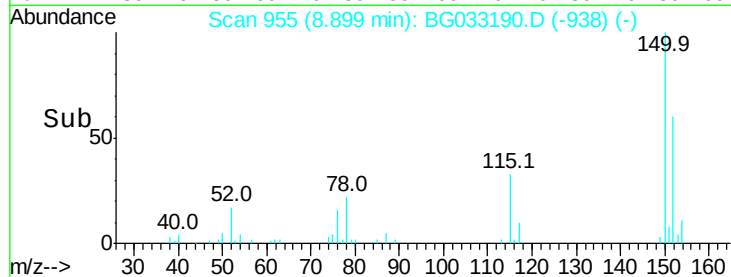
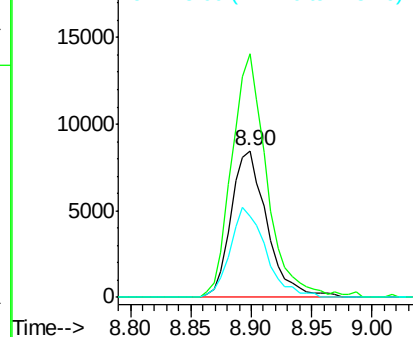
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033190.D
Acq: 15 Mar 2018 23:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 17594
Ion Ratio Lower Upper
152 100
150 165.8 126.6 189.8
115 55.5 53.0 79.4



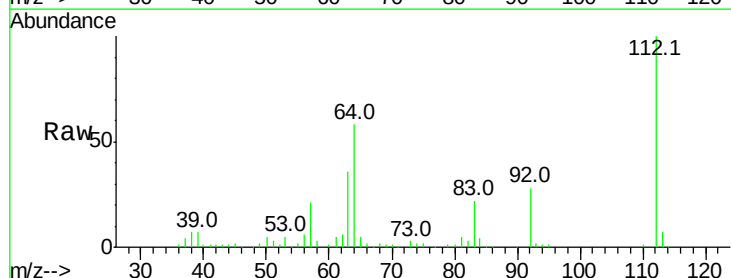
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



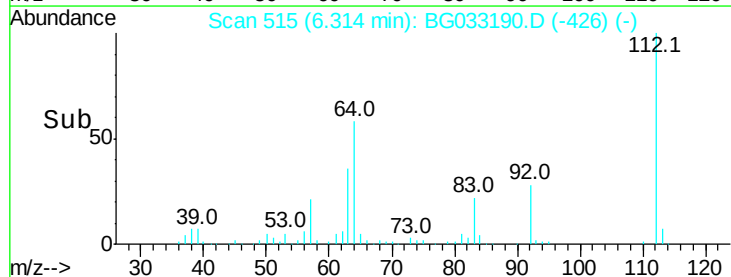
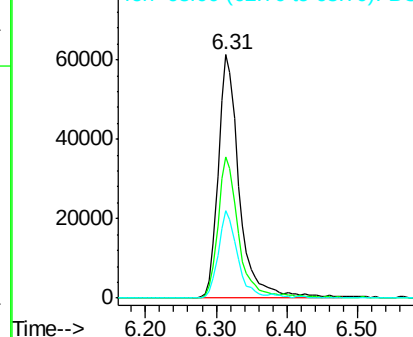
#5

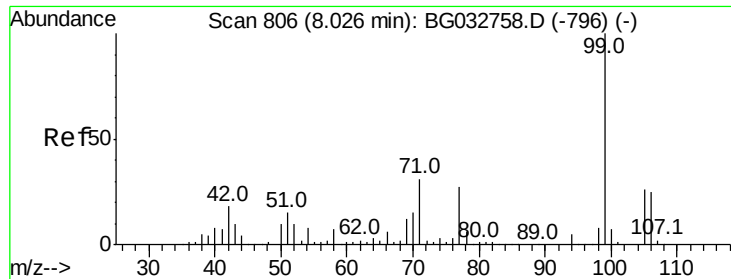
2-Fluorophenol
Concen: 115.641 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033190.D
Acq: 15 Mar 2018 23:33

Tgt Ion:112 Resp: 127173
Ion Ratio Lower Upper
112 100
64 58.1 56.3 84.5
63 35.8 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: 107.682 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

Instrument :

BNA_G

ClientSampleId :

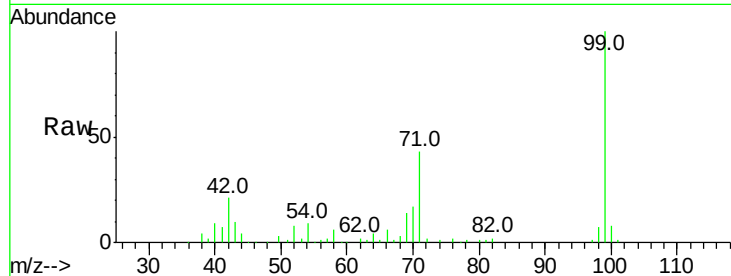
Tot Ion: 99 Resp: 165062

Ion Ratio Lower Upper

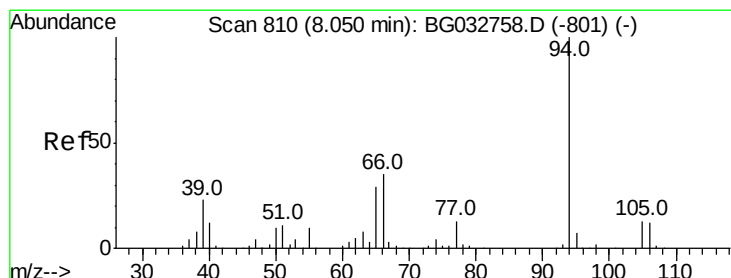
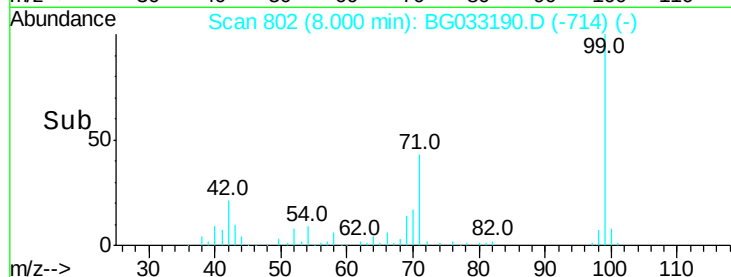
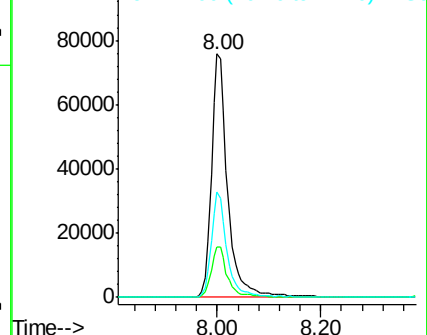
99 100

42 20.5 14.1 21.1

71 43.2 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



#10

Phenol

Concen: 3.172 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

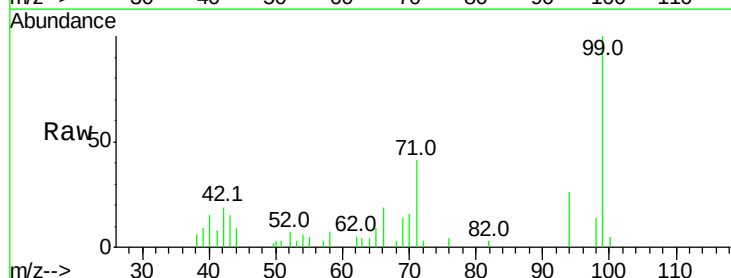
Tgt Ion: 94 Resp: 4901

Ion Ratio Lower Upper

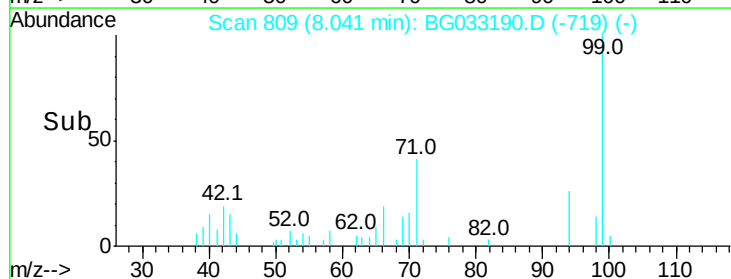
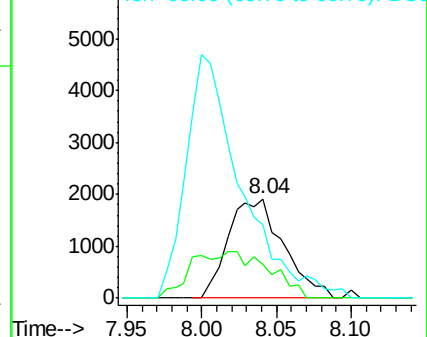
94 100

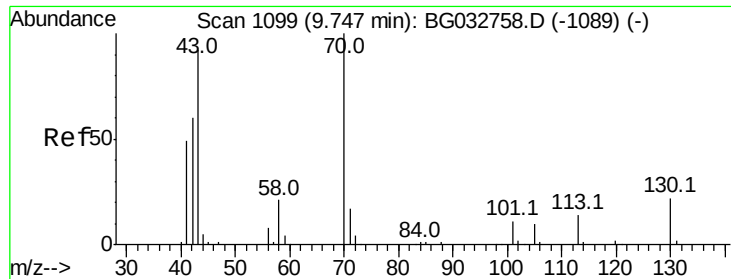
65 34.1 11.9 51.9

66 73.4 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

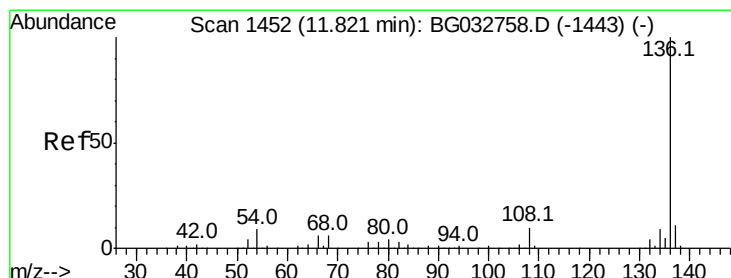
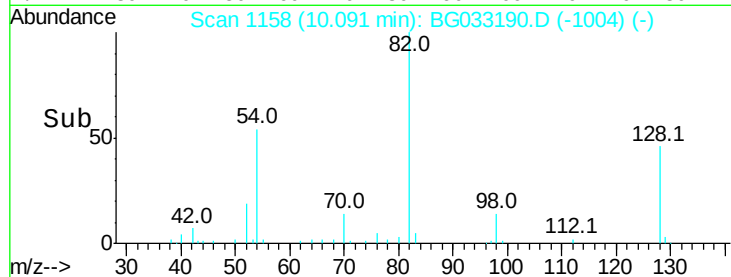
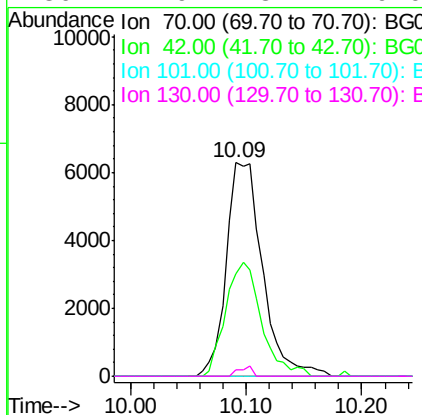
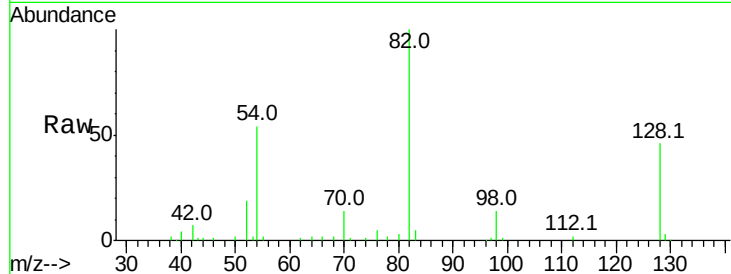




#19
n-Nitroso-di-n-propylamine
Concen: 12.641 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.38 min
Lab File: BG033190.D
Acq: 15 Mar 2018 23:33

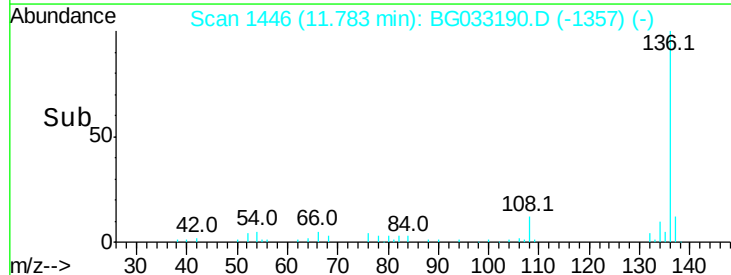
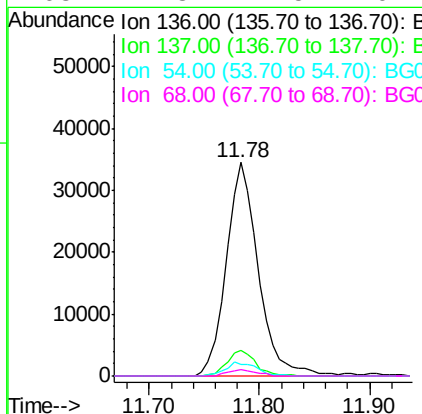
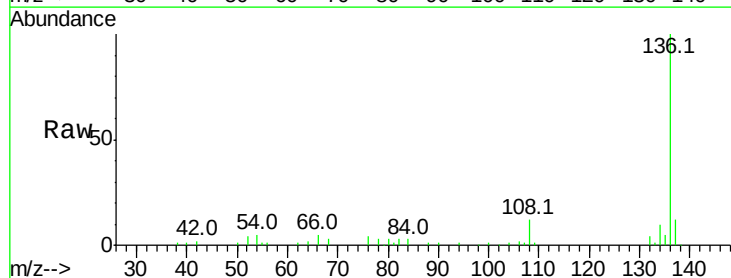
Instrument :
BNA_G
ClientSampleId :

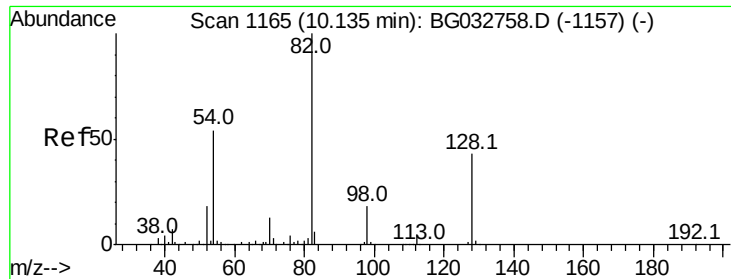
Tot Ion: 70 Resp: 13680
Ion Ratio Lower Upper
70 100
42 47.8 49.1 73.7#
101 0.0 8.5 12.7#
130 2.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BG033190.D
Acq: 15 Mar 2018 23:33

Tgt Ion: 136 Resp: 70174
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 5.4 10.3 15.5#
68 2.8 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 98.114 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

Instrument :

BNA_G

ClientSampled :

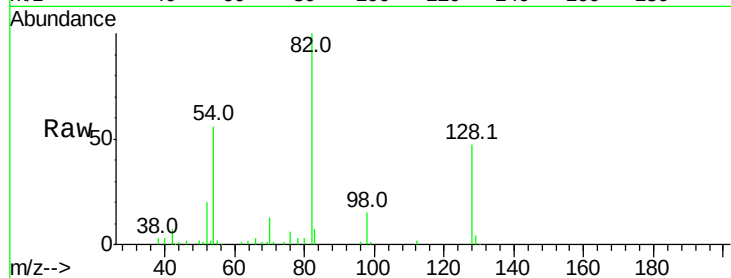
Tot Ion: 82 Resp: 100966

Ion Ratio Lower Upper

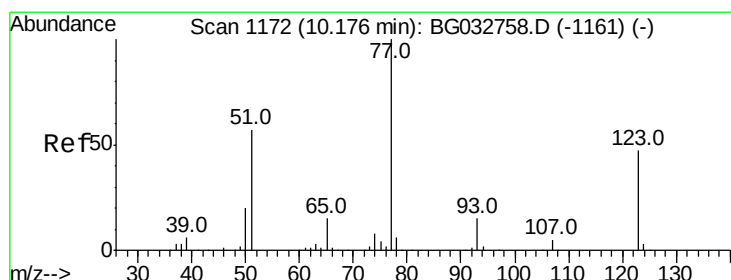
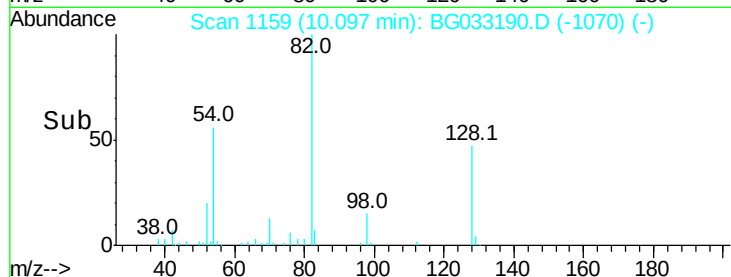
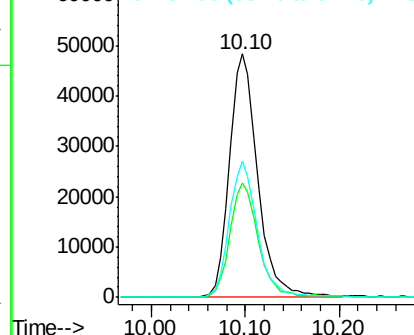
82 100

128 47.2 29.7 44.5#

54 55.7 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: 6.471 ng

RT: 10.10 min Scan# 1160

Delta R.T. -0.04 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

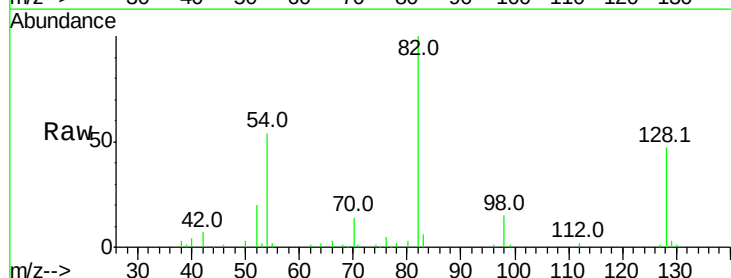
Tgt Ion: 77 Resp: 117

Ion Ratio Lower Upper

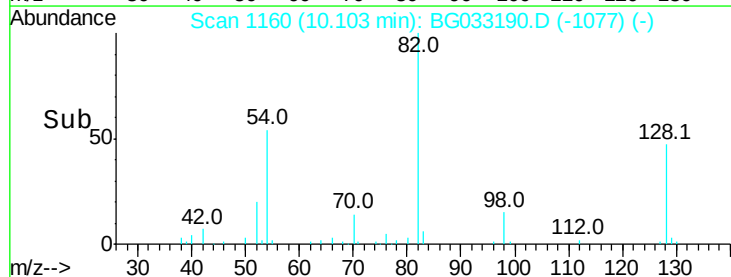
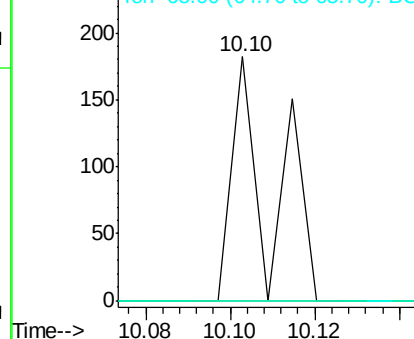
77 100

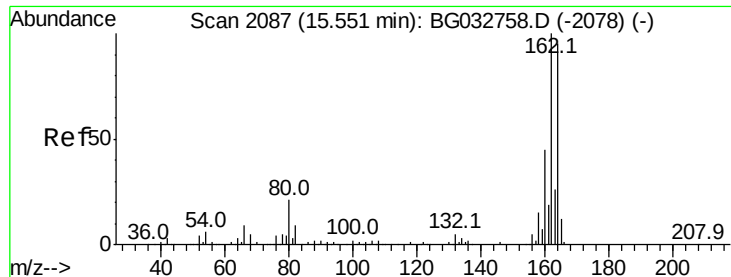
123 0.0 33.0 49.6#

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. -0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

Instrument :

BNA_G

ClientSampleId :

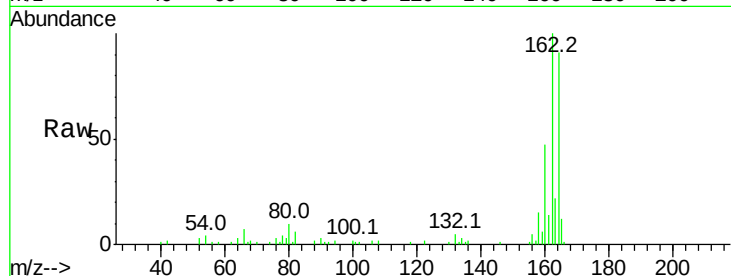
Tot Ion:164 Resp: 45167

Ion Ratio Lower Upper

164 100

162 109.3 78.8 118.2

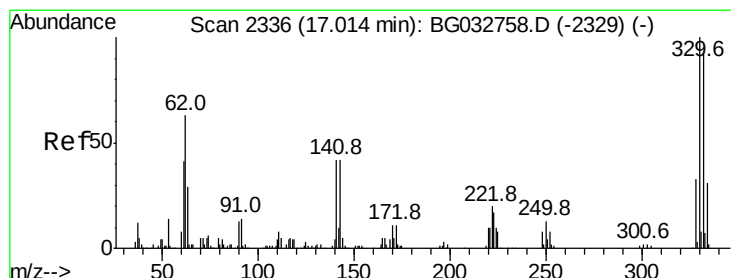
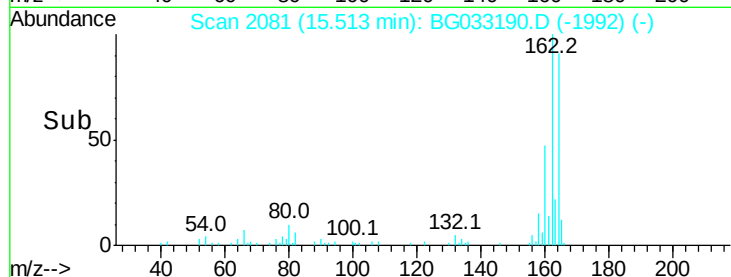
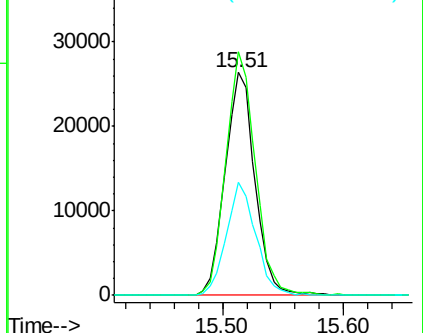
160 50.9 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 269.311 ng

RT: 16.99 min Scan# 2332

Delta R.T. -0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

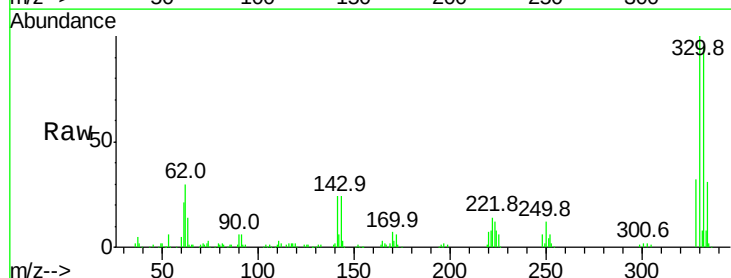
Tgt Ion:330 Resp: 127900

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

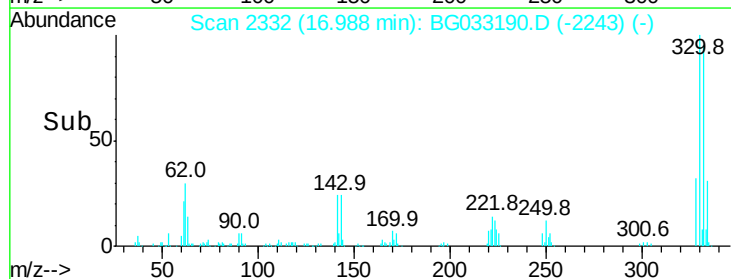
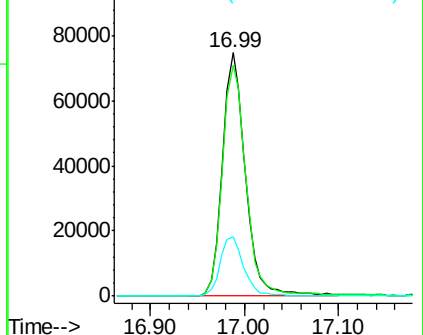
141 24.9 25.2 37.8#

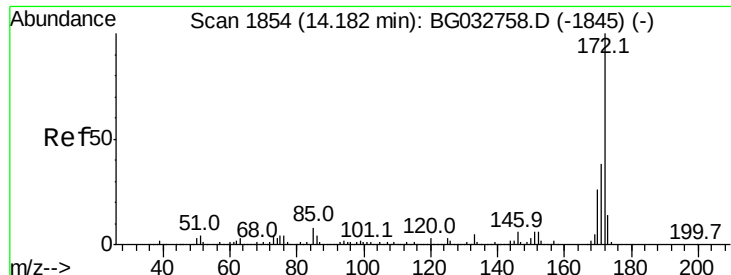


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

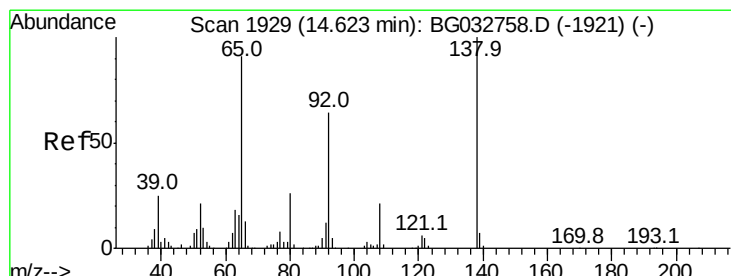
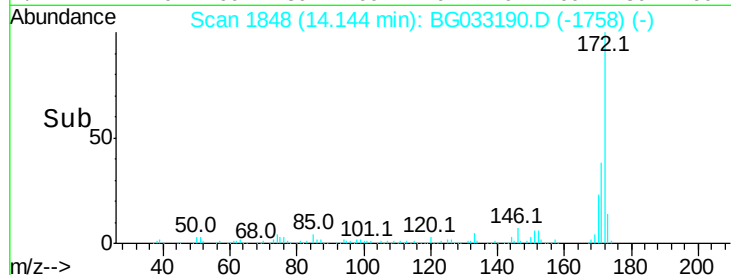
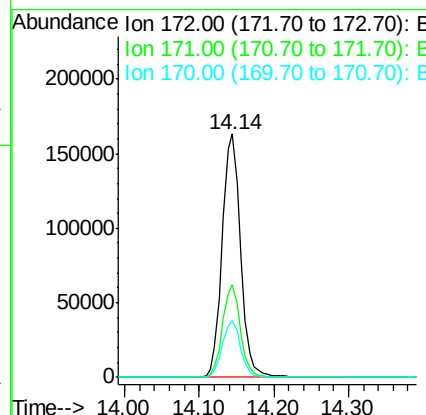
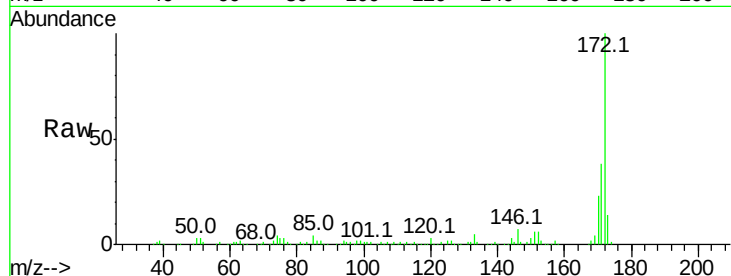




#44
 2-Fluorobiphenyl
 Concen: 89.338 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033190.D
 Acq: 15 Mar 2018 23:33

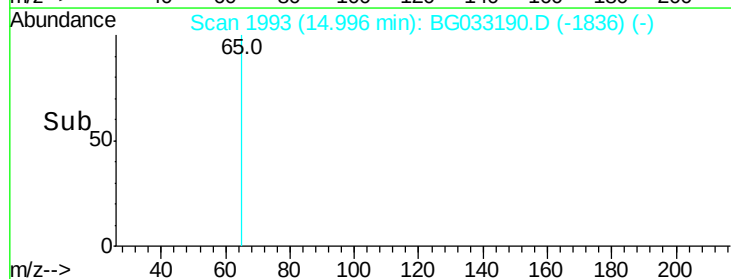
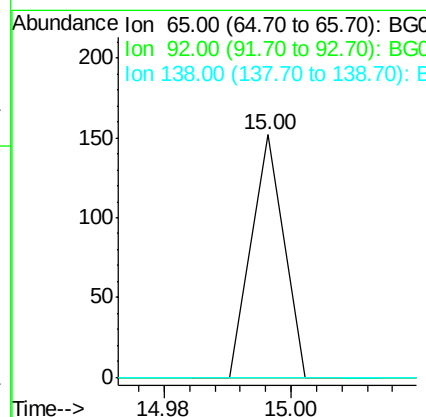
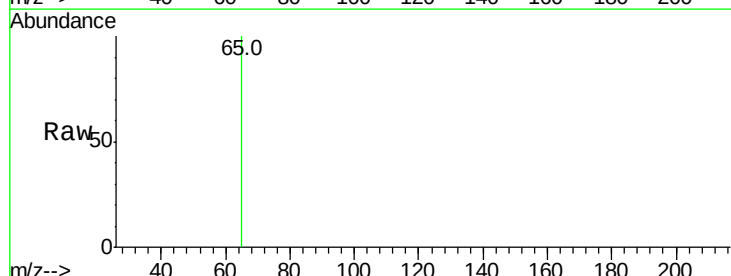
Instrument :
 BNA_G
 ClientSampleId :

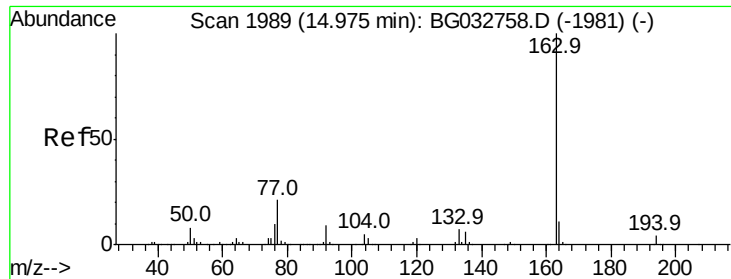
Tot Ion:172 Resp: 279781
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 23.2 19.5 29.3



#47
 2-Nitroaniline
 Concen: 9.893 ng
 RT: 15.00 min Scan# 1993
 Delta R.T. 0.39 min
 Lab File: BG033190.D
 Acq: 15 Mar 2018 23:33

Tgt Ion: 65 Resp: 54
 Ion Ratio Lower Upper
 65 100
 92 0.0 54.6 82.0#
 138 0.0 72.9 109.3#





#49

Dimethylphthalate

Concen: 5.078 ng

RT: 14.93 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

Instrument :

BNA_G

ClientSampleId :

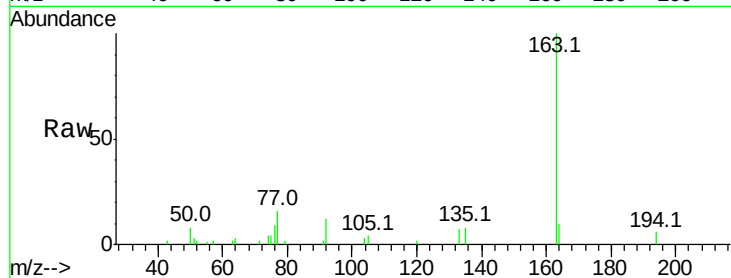
Tot Ion:163 Resp: 19474

Ion Ratio Lower Upper

163 100

194 6.5 3.4 5.2#

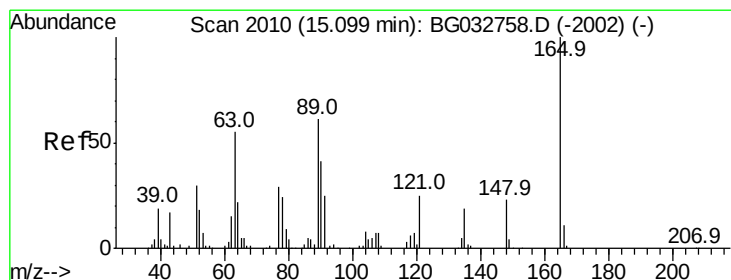
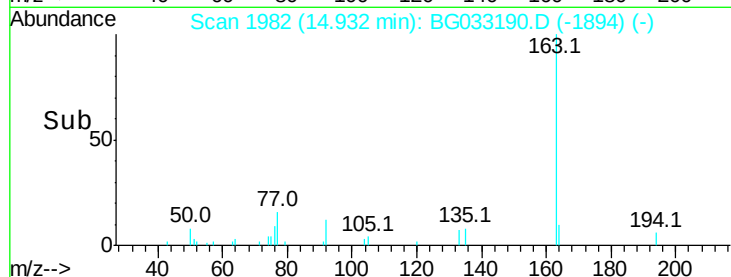
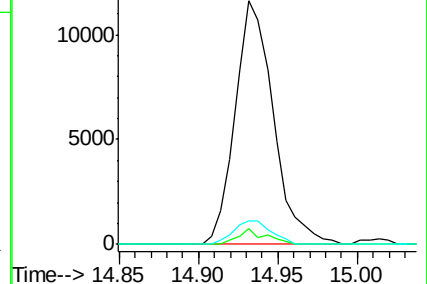
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 15.888 ng

RT: 15.51 min Scan# 2081

Delta R.T. 0.44 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

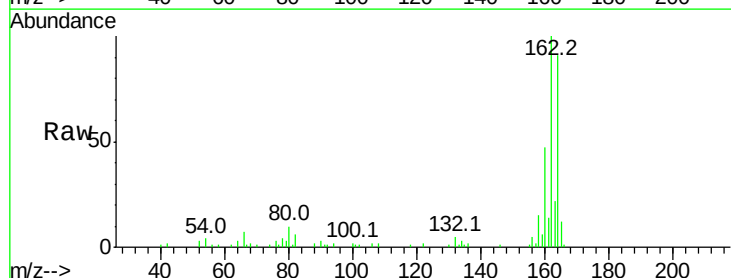
Tgt Ion:165 Resp: 5447

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

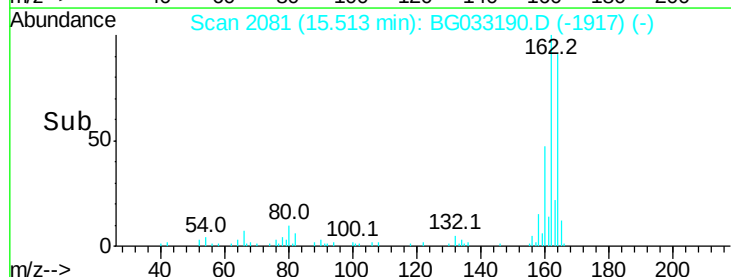
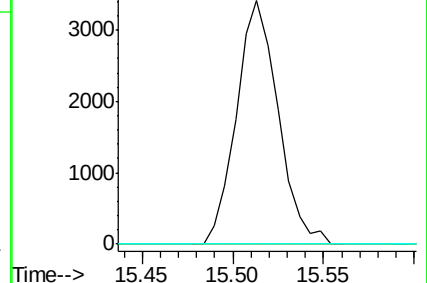
89 0.0 49.2 73.8#

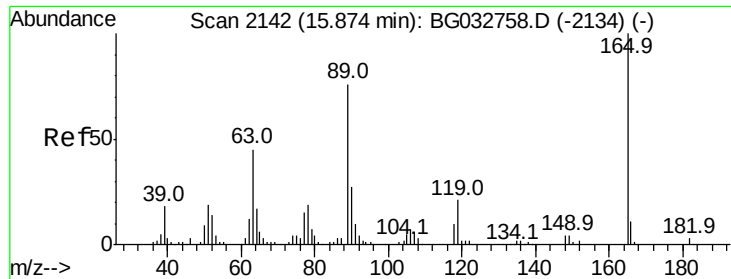


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

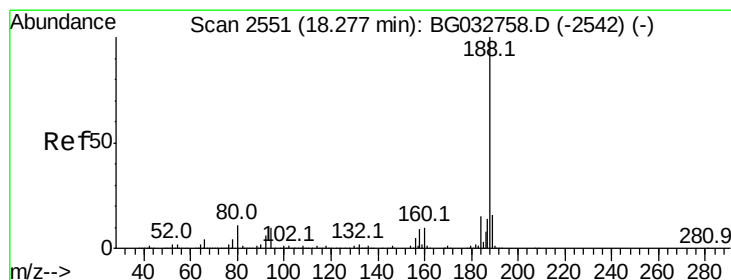
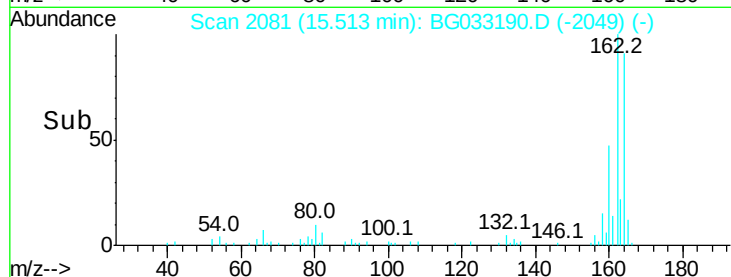
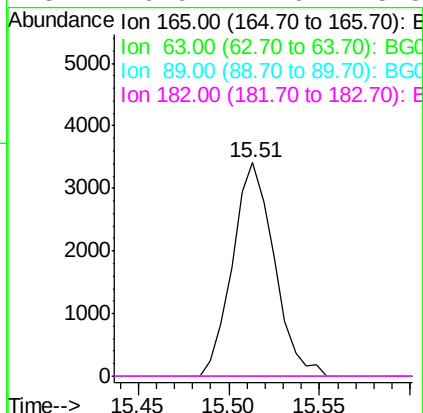
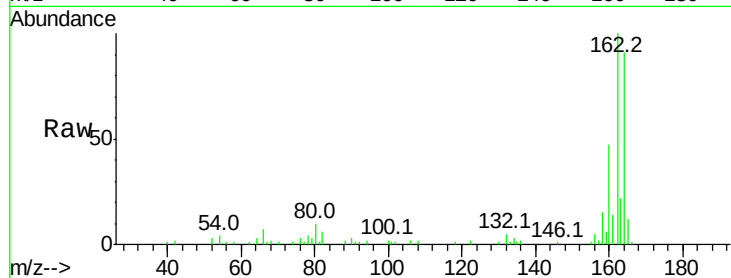




#56
 2,4-Dinitrotoluene
 Concen: 14.082 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.34 min
 Lab File: BG033190.D
 Acq: 15 Mar 2018 23:33

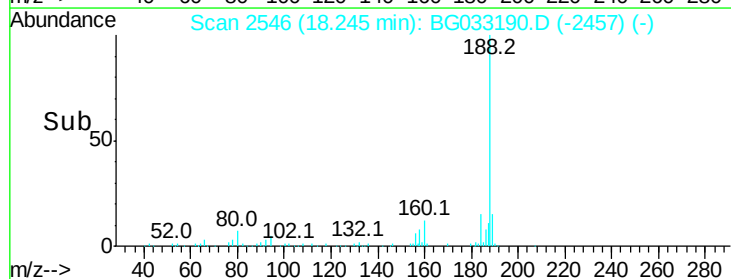
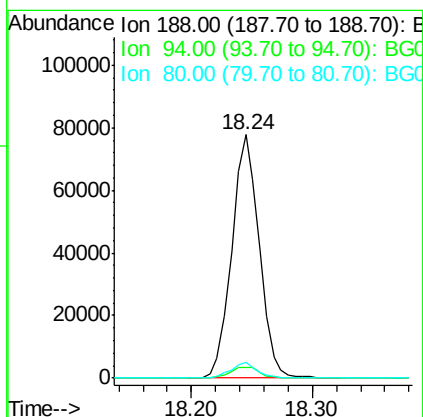
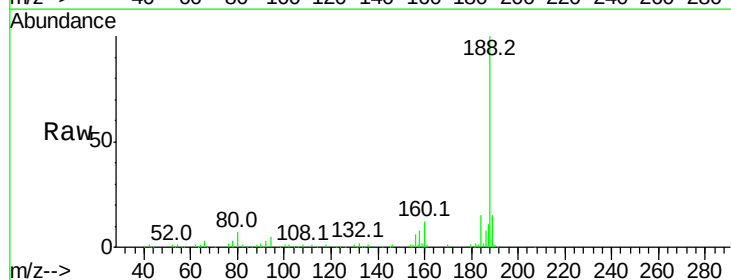
Instrument :
 BNA_G
 ClientSampled :

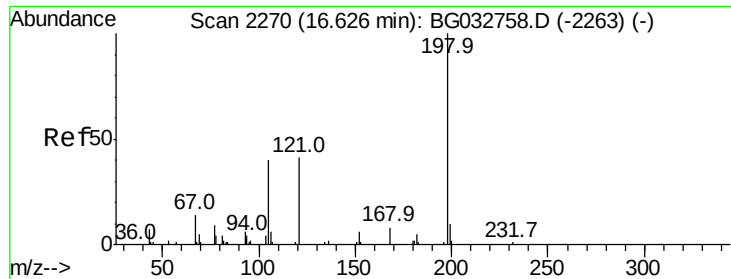
Tot Ion:165 Resp: 5447
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033190.D
 Acq: 15 Mar 2018 23:33

Tgt Ion:188 Resp: 122853
 Ion Ratio Lower Upper
 188 100
 94 4.5 6.9 10.3#
 80 6.7 7.7 11.5#

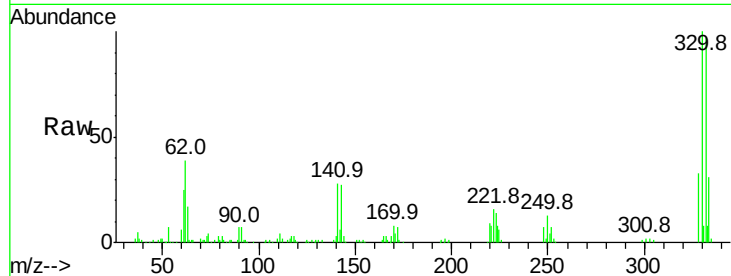




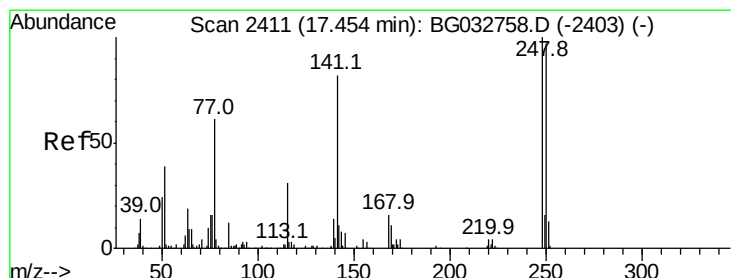
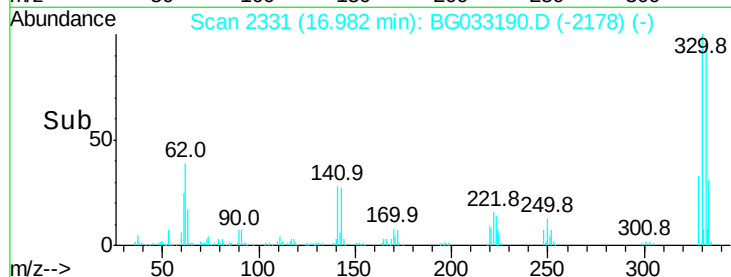
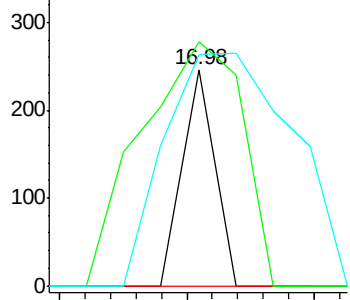
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.250 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. 0.37 min
 Lab File: BG033190.D
 Acq: 15 Mar 2018 23:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 87
 Ion Ratio Lower Upper
 198 100
 51 113.0 30.6 70.6#
 105 107.3 23.8 63.8#

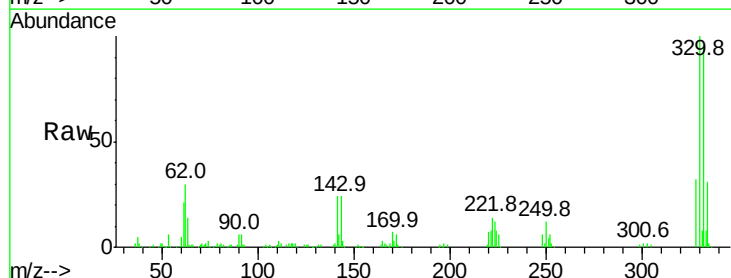


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

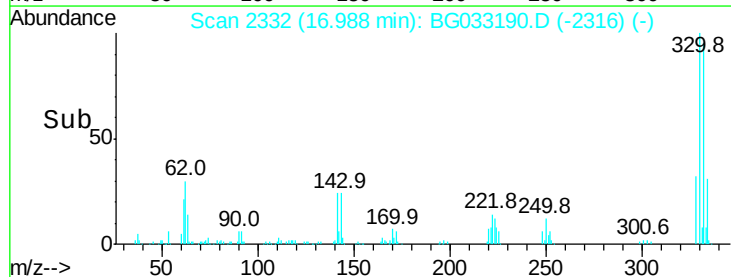
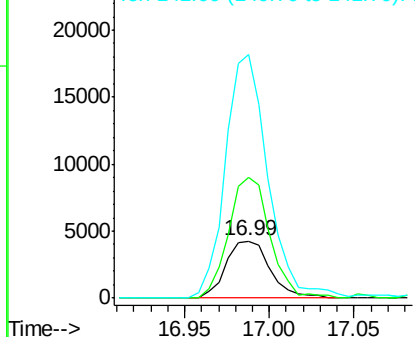


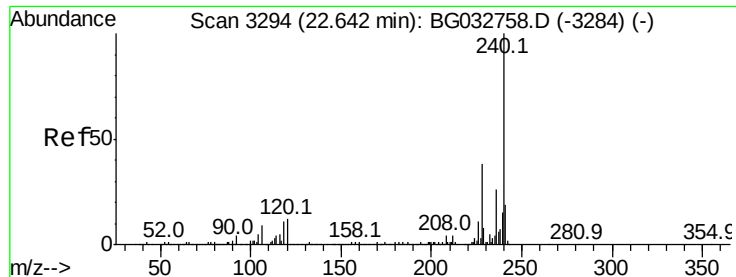
#66
 4-Bromophenyl-phenylether
 Concen: 5.963 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.43 min
 Lab File: BG033190.D
 Acq: 15 Mar 2018 23:33

Tgt Ion:248 Resp: 7746
 Ion Ratio Lower Upper
 248 100
 250 211.6 77.1 115.7#
 141 428.5 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: 22.60 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

Instrument :

BNA_G

ClientSampleId :

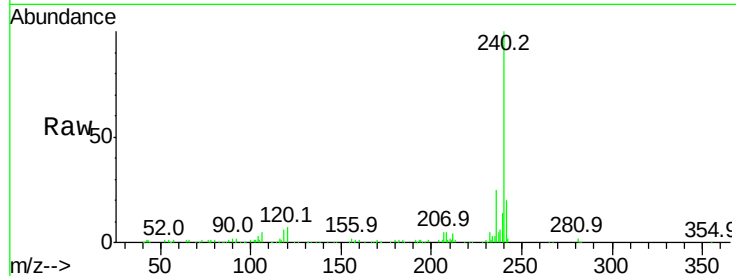
Tot Ion:240 Resp: 150172

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

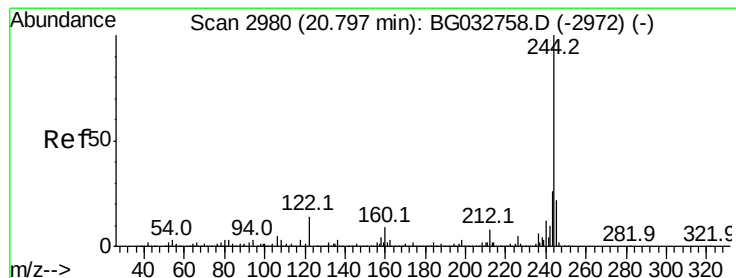
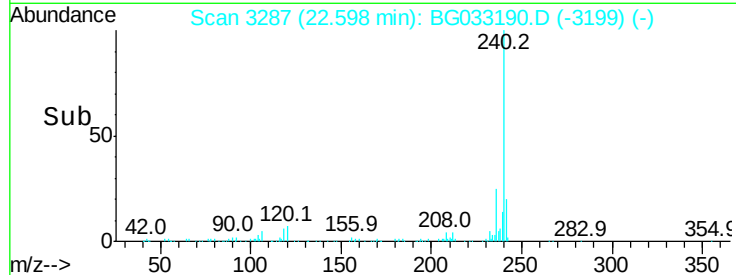
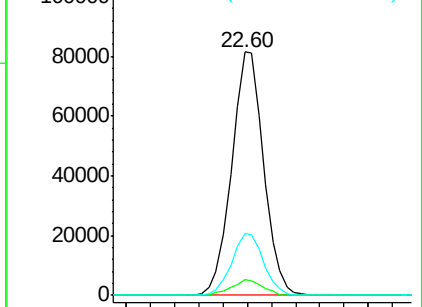
236 25.3 20.9 31.3



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: 86.974 ng

RT: 20.76 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033190.D

Acq: 15 Mar 2018 23:33

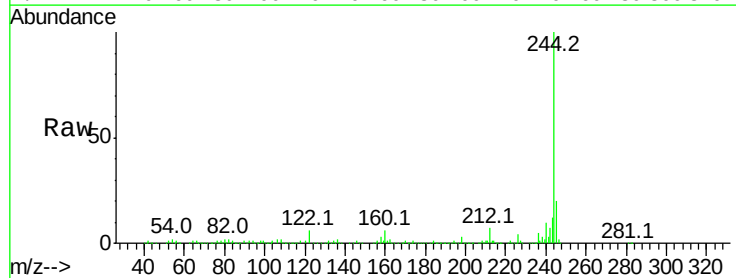
Tgt Ion:244 Resp: 581334

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

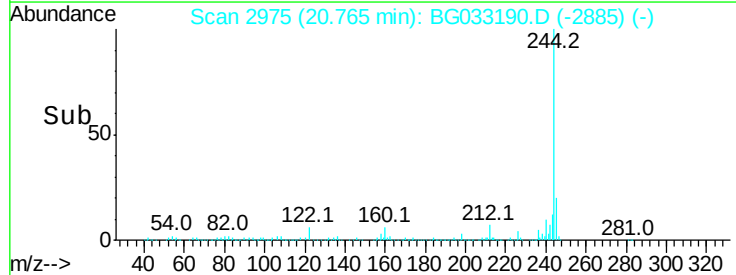
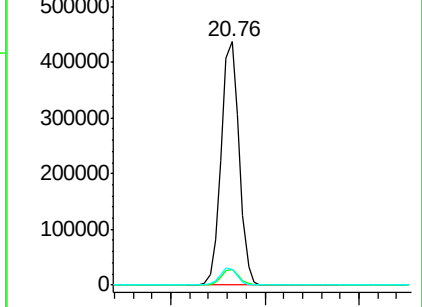
122 6.5 7.0 10.4#

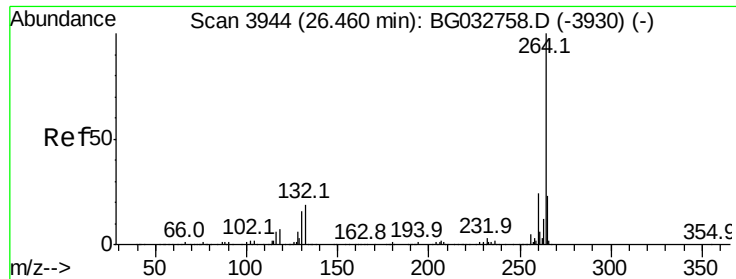


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

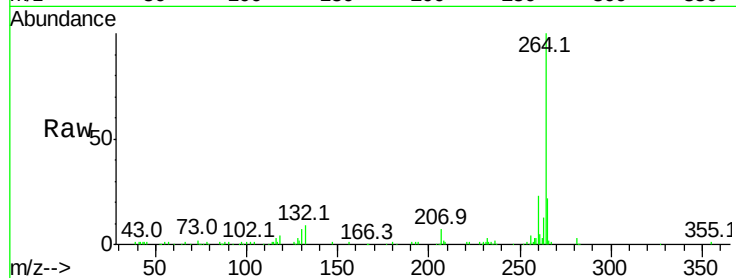




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BG033190.D
Acq: 15 Mar 2018 23:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.1	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

