

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033752.D
 Acq On : 11 Apr 2018 19:25
 Operator : SJ/JU
 Sample : J2320-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:35:42 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

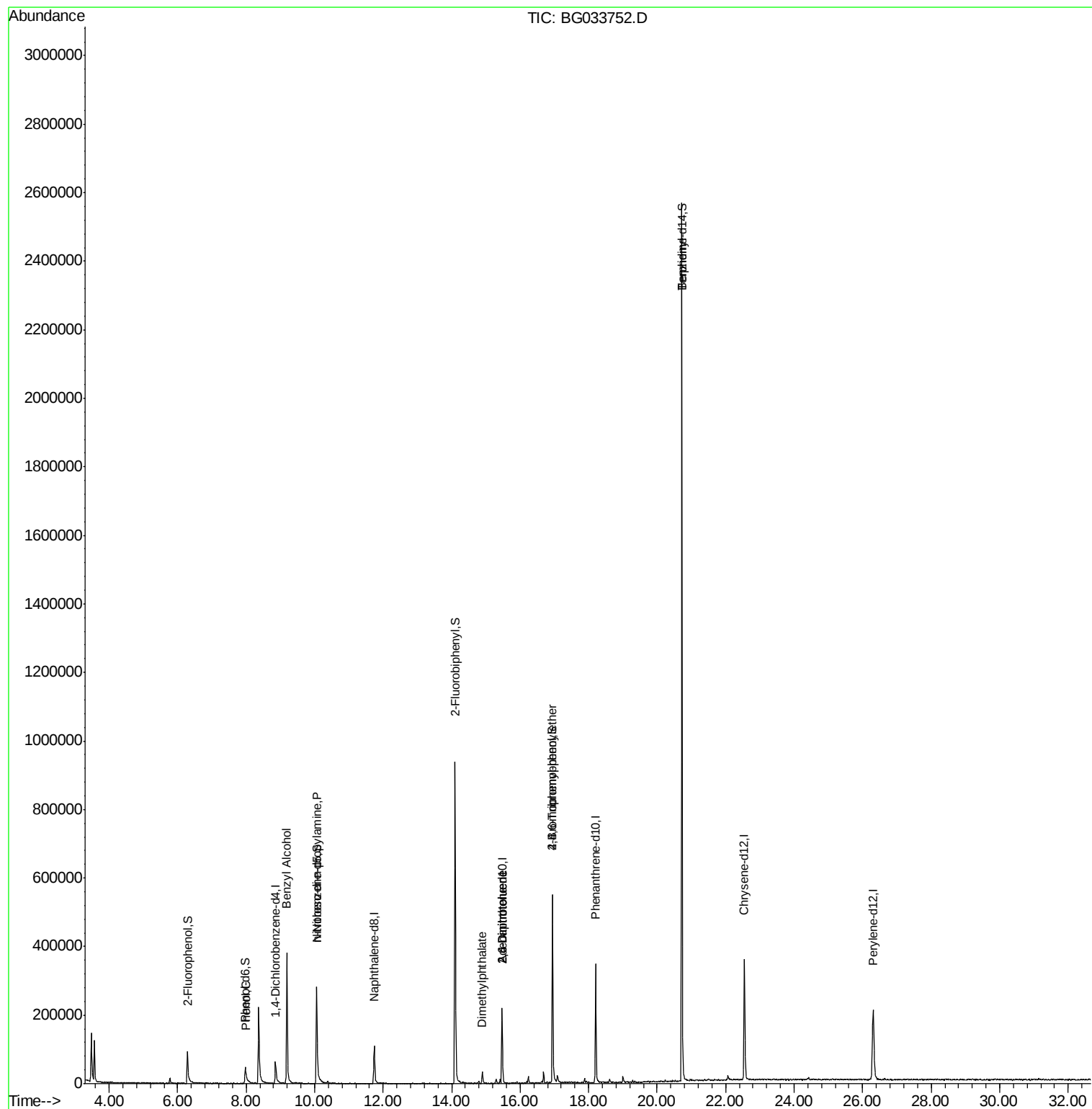
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	24323	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	107675	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	82872	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	245876	20.00	ng	0.00
75) Chrysene-d12	22.54	240	267698	20.00	ng	0.00
86) Perylene-d12	26.30	264	286450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	53233	41.04	ng	0.00
7) Phenol-d6	7.97	99	39309	17.64	ng	0.00
23) Nitrobenzene-d5	10.06	82	232287	99.12	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	111635	90.07	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	552408	96.23	ng	0.00
78) Terphenyl-d14	20.72	244	1240648	99.11	ng	0.00
Target Compounds						
10) Phenol	8.00	94	5039	2.290	ng	87
15) Benzyl Alcohol	9.19	79	4127	2.352	ng	# 66
19) n-Nitroso-di-n-propylamine	10.06	70	29652	18.156	ng	# 85
49) Dimethylphthalate	14.89	163	25428	3.526	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	10353	7.021	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	10353	4.768	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	9022	3.124	ng	# 1
76) Benzidine	20.72	184	20891	2.878	ng	# 90

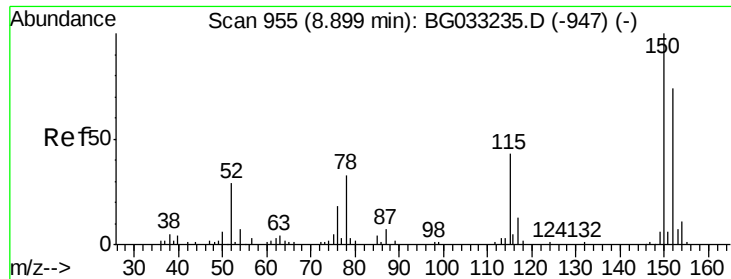
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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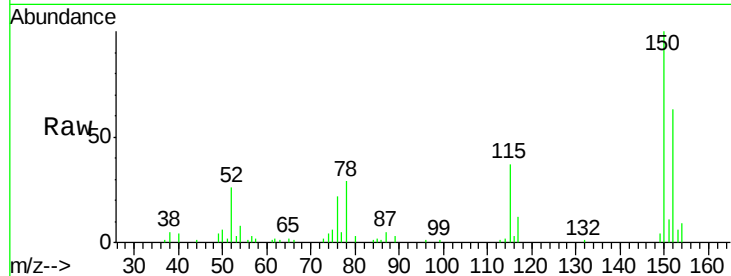


#1

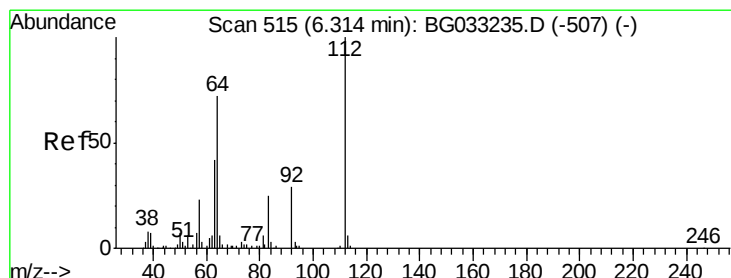
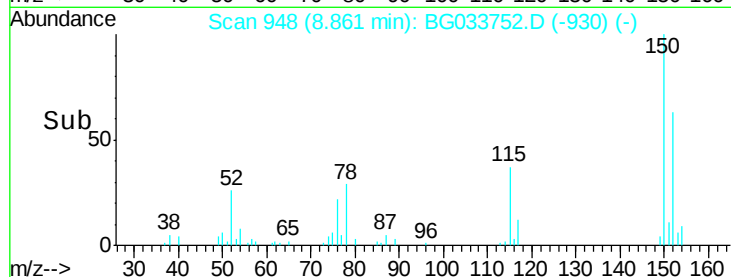
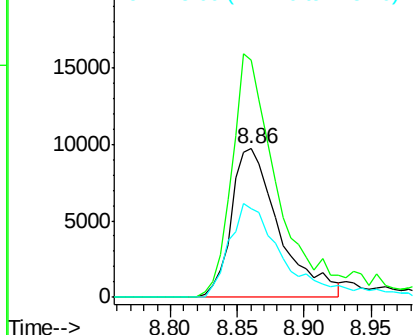
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24323
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 59.5 53.0 79.4



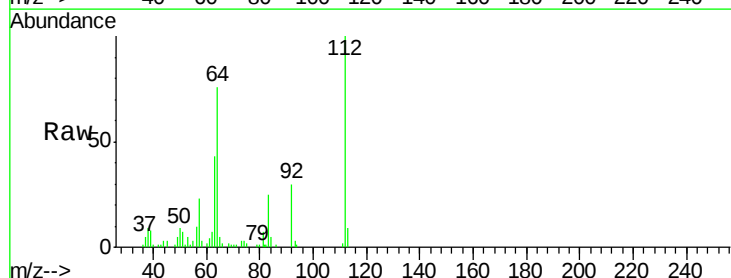
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



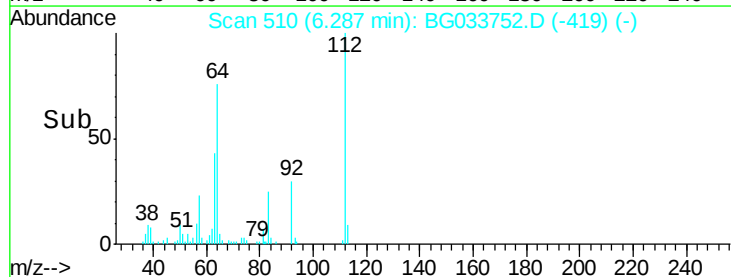
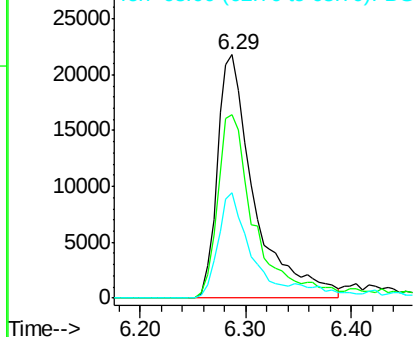
#5

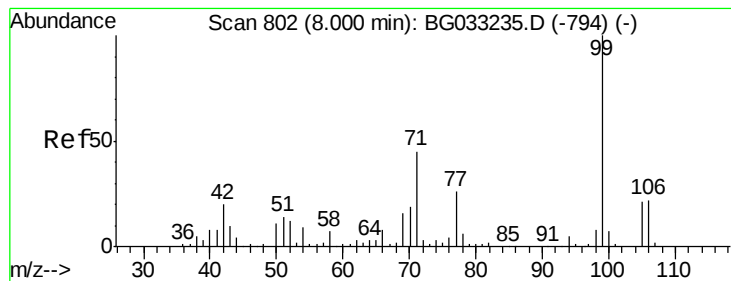
2-Fluorophenol
Concen: 41.039 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Tgt Ion:112 Resp: 53233
Ion Ratio Lower Upper
112 100
64 75.6 56.3 84.5
63 43.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 17.637 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033752.D

Acq: 11 Apr 2018 19:25

Instrument :

BNA_G

ClientSampleId :

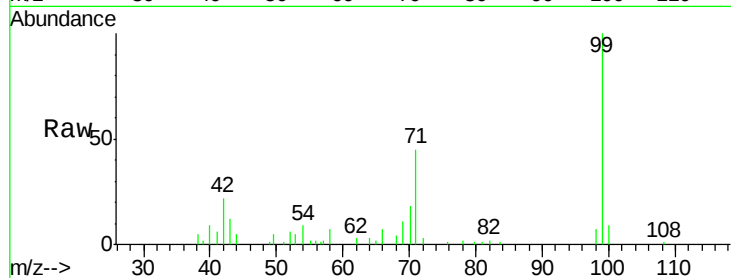
Tot Ion: 99 Resp: 39309

Ion Ratio Lower Upper

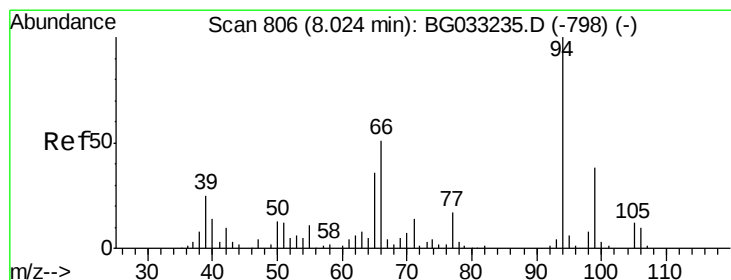
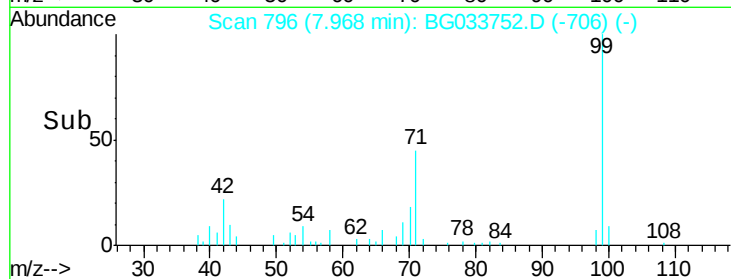
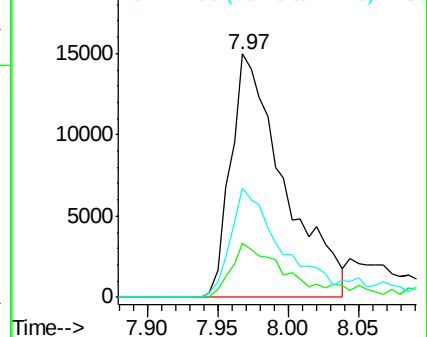
99 100

42 22.1 14.1 21.1#

71 44.6 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: 2.290 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033752.D

Acq: 11 Apr 2018 19:25

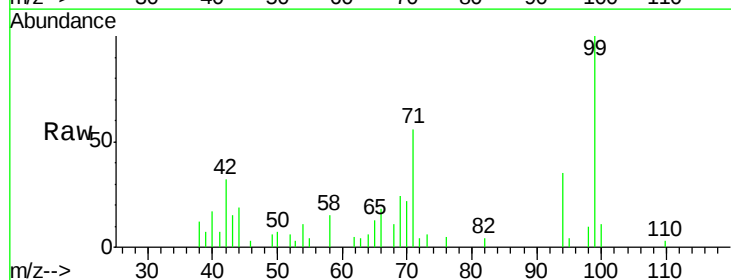
Tgt Ion: 94 Resp: 5039

Ion Ratio Lower Upper

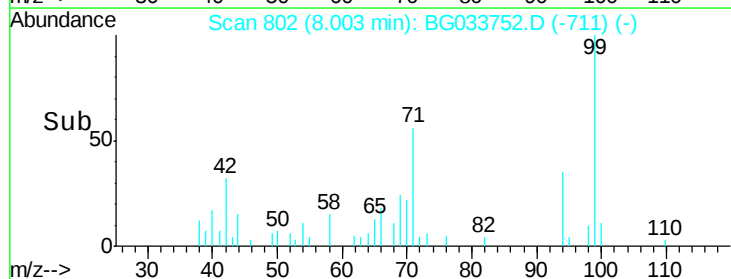
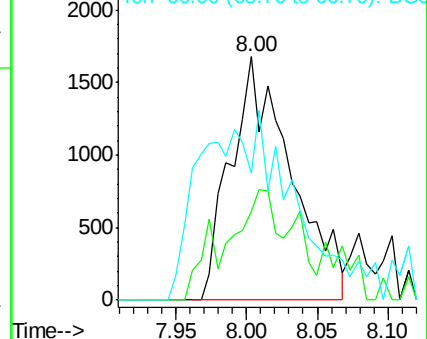
94 100

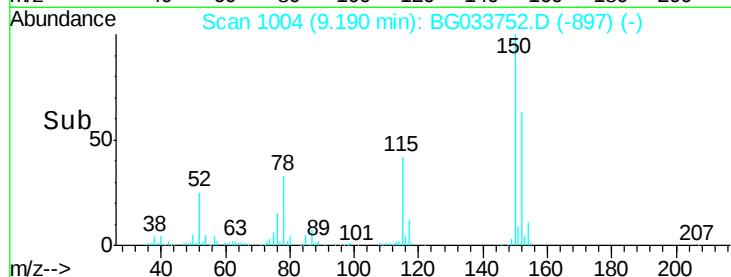
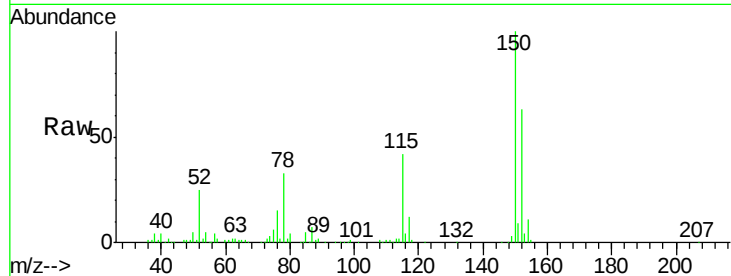
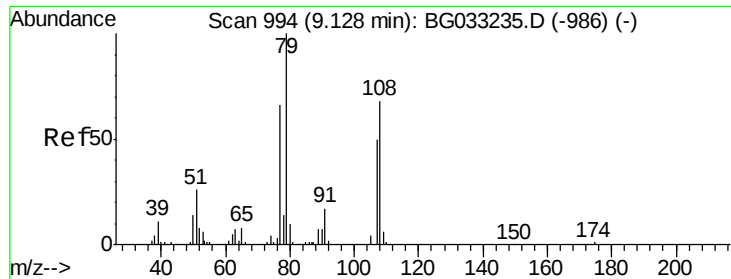
65 36.6 11.9 51.9

66 52.2 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

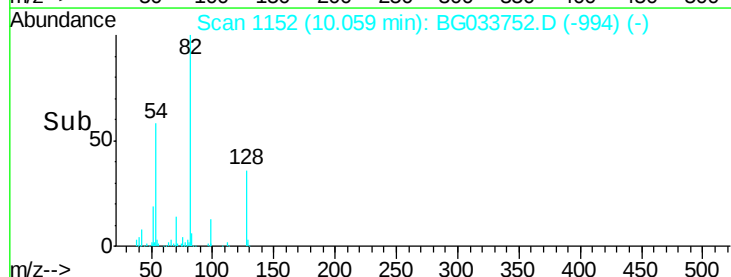
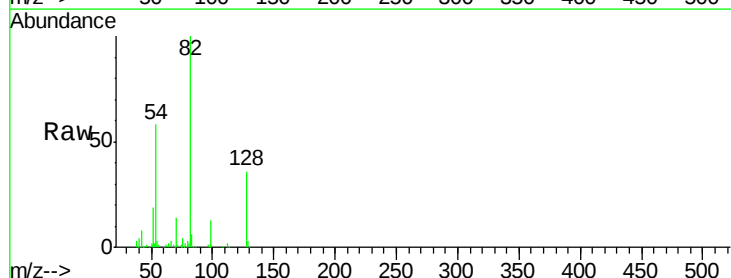
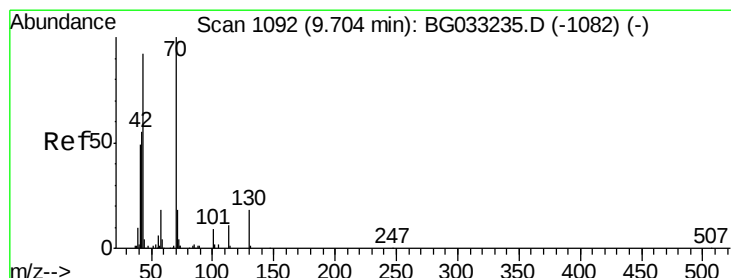
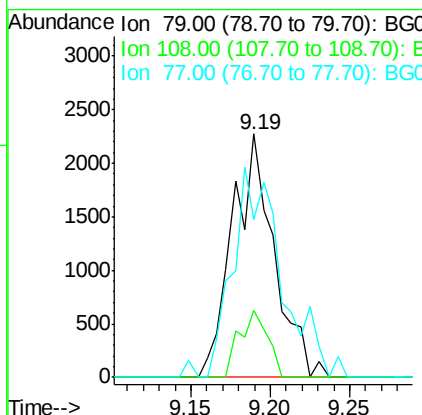




#15
Benzvl Alcohol
Concen: 2.352 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.10 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

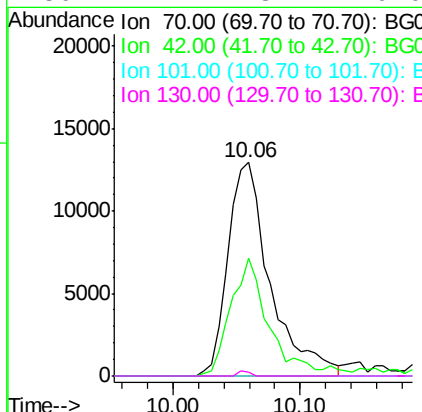
Instrument :
BNA_G
ClientSampleId :

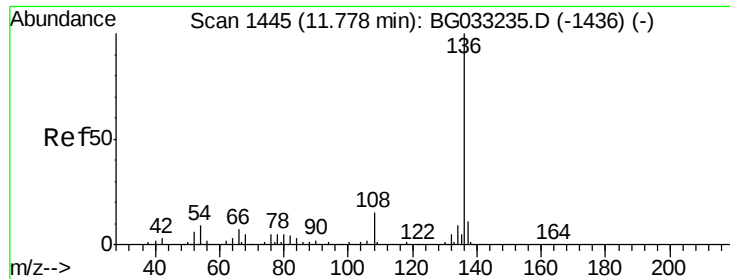
Tot Ion: 79 Resp: 4127
Ion Ratio Lower Upper
79 100
108 27.7 57.2 85.8#
77 64.9 46.1 69.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.156 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Tgt Ion: 70 Resp: 29652
Ion Ratio Lower Upper
70 100
42 55.4 49.1 73.7
101 0.0 8.5 12.7#
130 2.1 13.4 20.0#

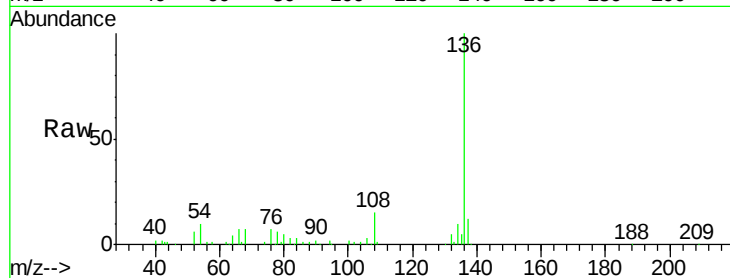




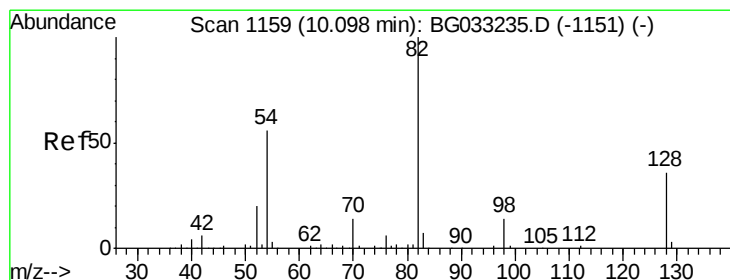
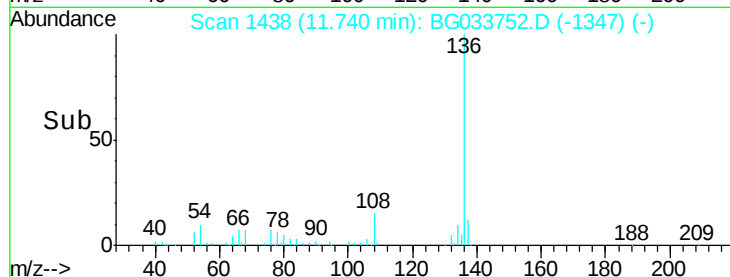
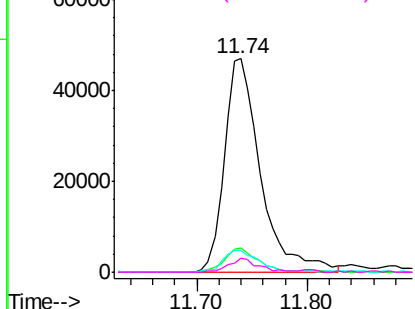
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	107675
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.2 13.8
54	10.1	10.3 15.5#
68	6.5	4.5 6.7

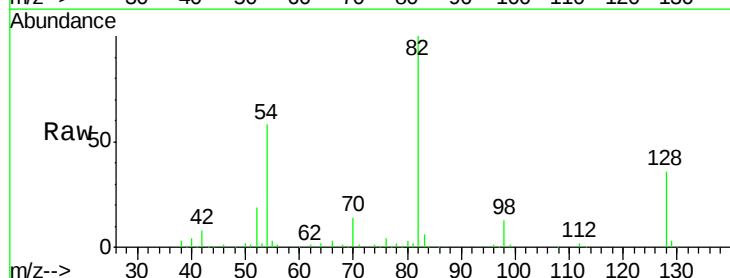


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

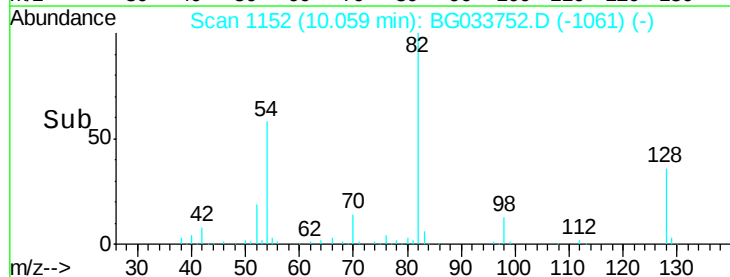
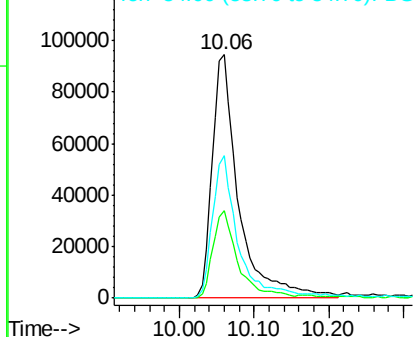


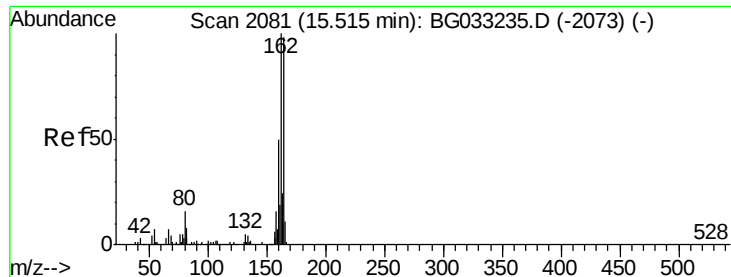
#23
Nitrobenzene-d5
Concen: 99.115 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Tgt Ion: 82	Resp:	232287
Ion	Ratio	Lower Upper
82	100	
128	35.9	29.7 44.5
54	58.3	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033752.D

Acq: 11 Apr 2018 19:25

Instrument :

BNA_G

ClientSampleId :

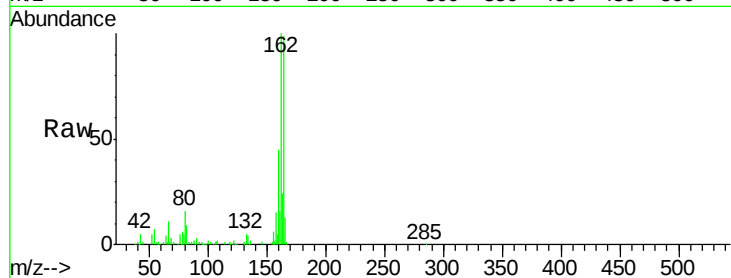
Tot Ion:164 Resp: 82872

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

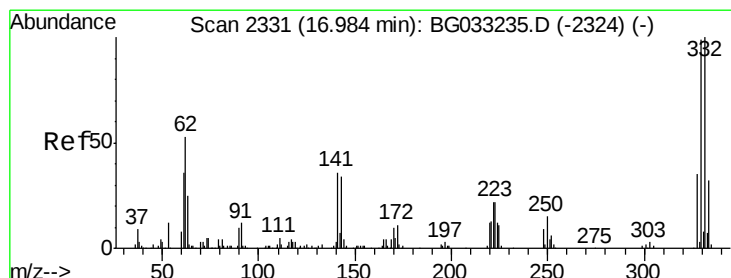
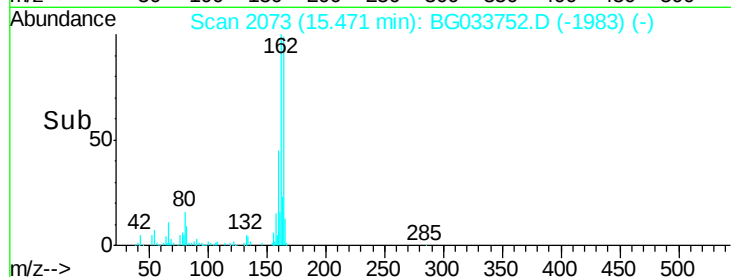
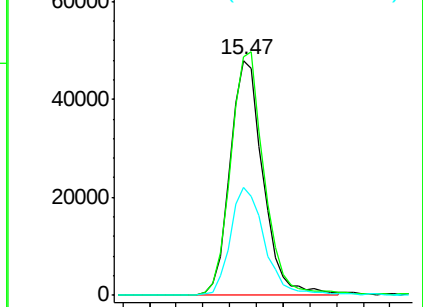
160 45.9 35.4 53.0



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: 90.068 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.00 min

Lab File: BG033752.D

Acq: 11 Apr 2018 19:25

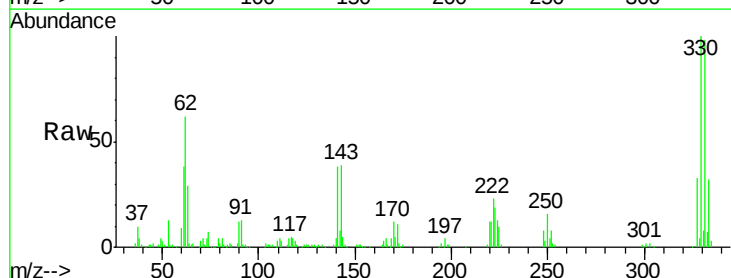
Tgt Ion:330 Resp: 111635

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

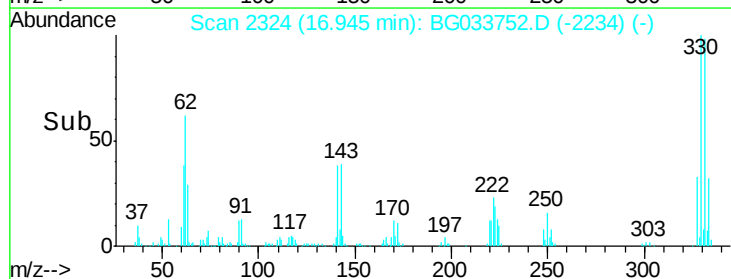
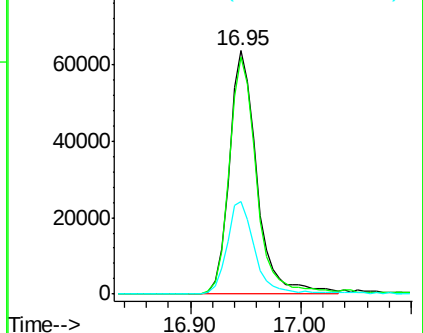
141 38.2 25.2 37.8#

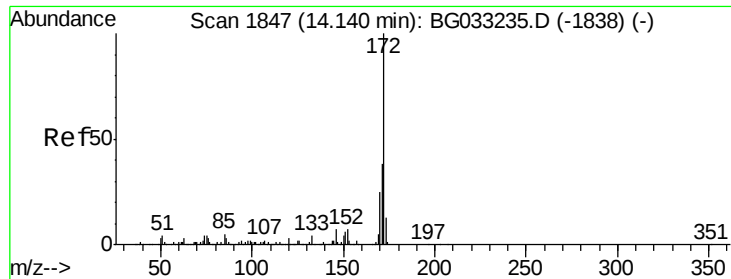


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

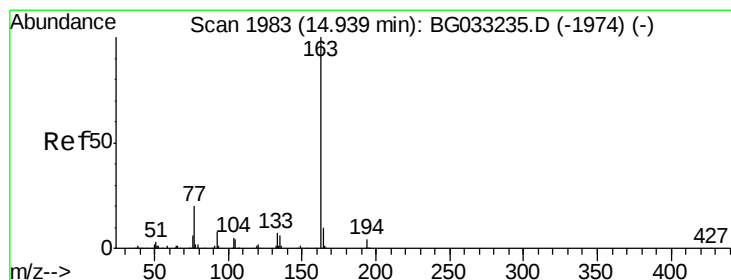
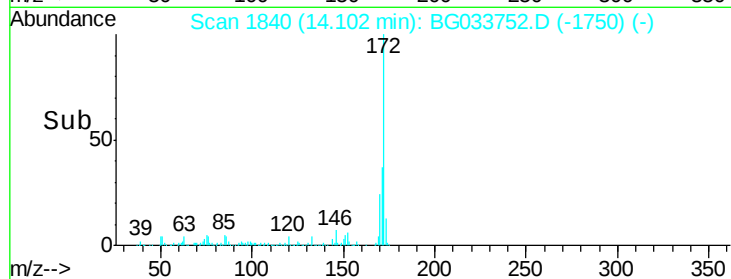
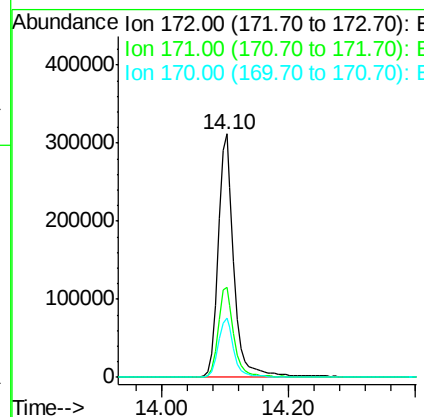
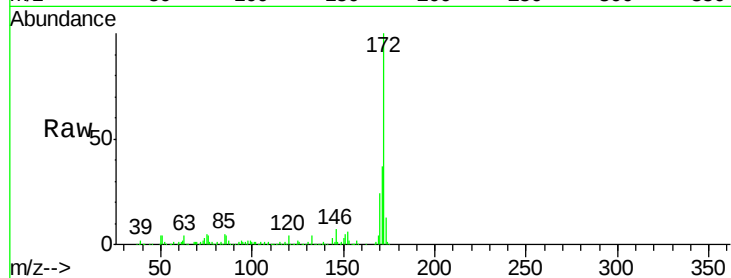




#44
2-Fluorobiphenyl
Concen: 96.230 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

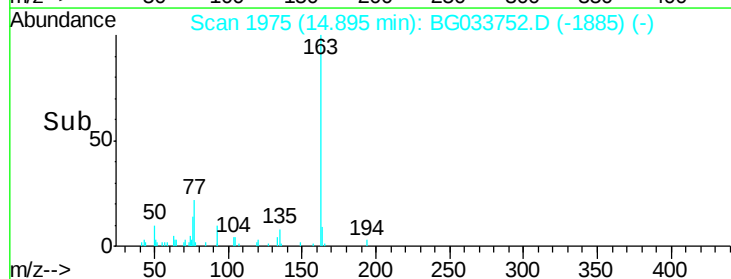
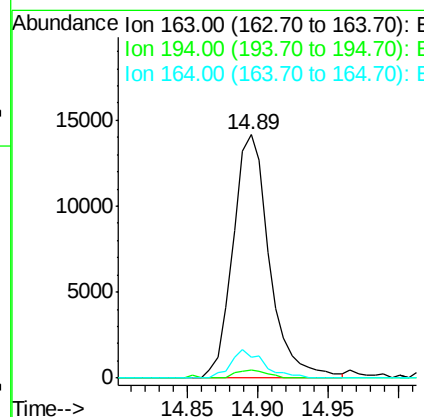
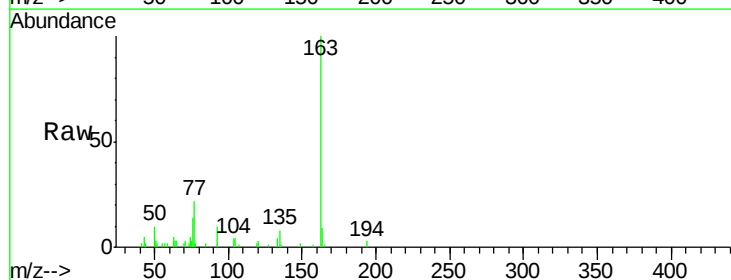
Instrument :
BNA_G
ClientSampleId :

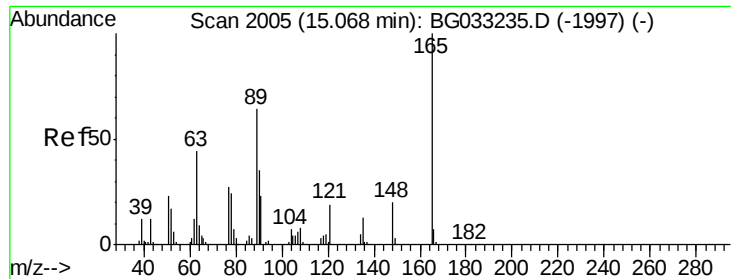
Tot Ion:172 Resp: 552408
Ion Ratio Lower Upper
172 100
171 37.2 30.0 45.0
170 24.2 19.5 29.3



#49
Dimethylphthalate
Concen: 3.526 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Tgt Ion:163 Resp: 25428
Ion Ratio Lower Upper
163 100
194 3.1 3.4 5.2#
164 8.5 8.2 12.4

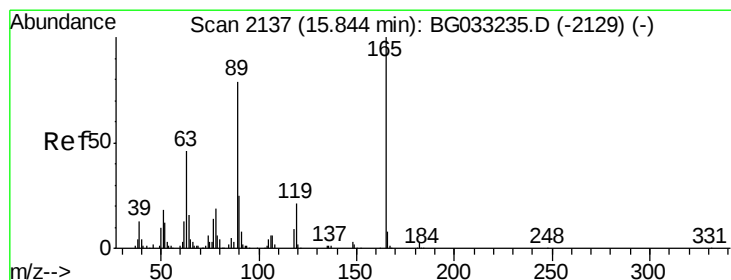
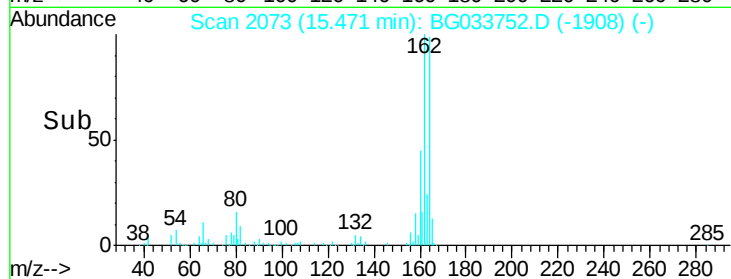
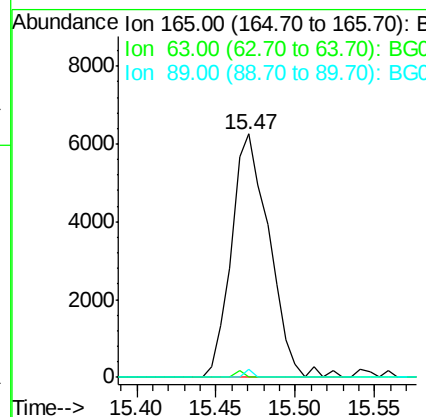
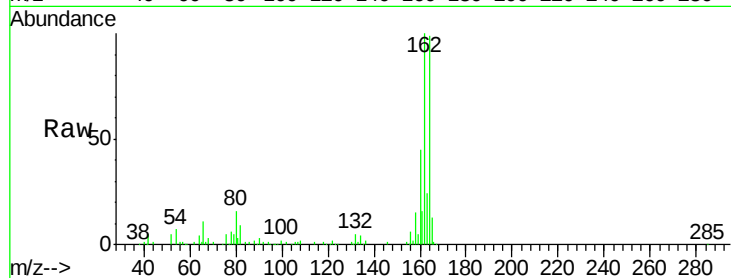




#50
2,6-Dinitrotoluene
Concen: 7.021 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

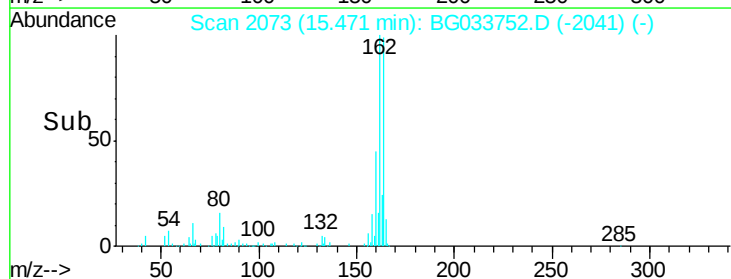
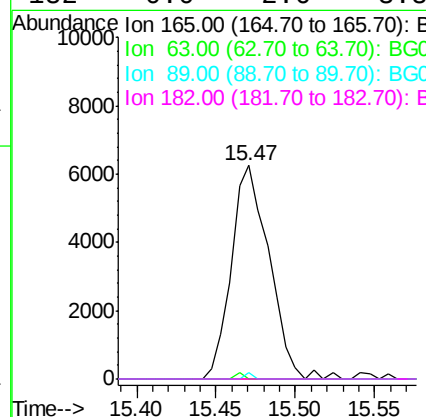
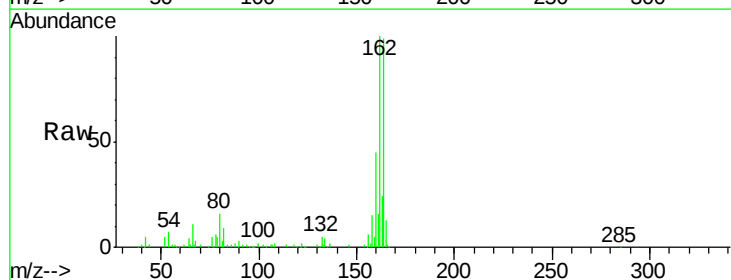
Instrument :
BNA_G
ClientSampleId :

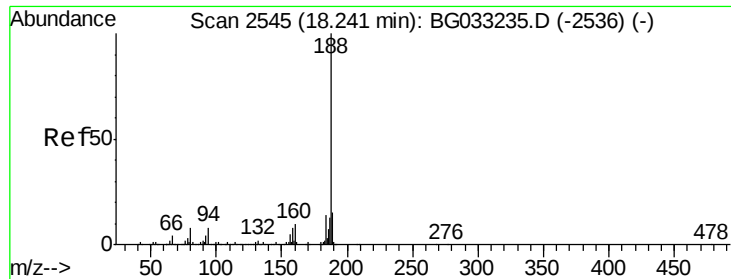
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.3	49.2	73.8#



#56
2,4-Dinitrotoluene
Concen: 4.768 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.34 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.3	66.9	100.3#
182	0.0	2.6	3.8#

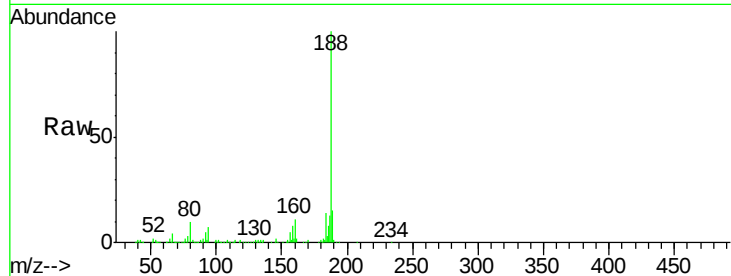




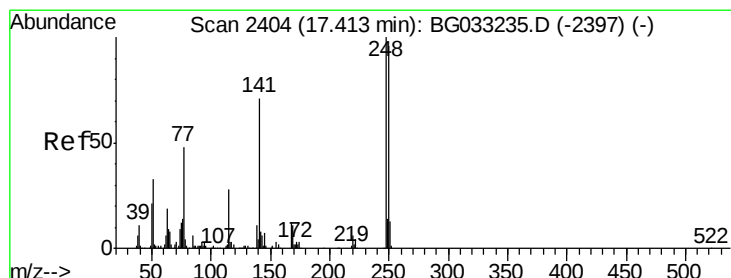
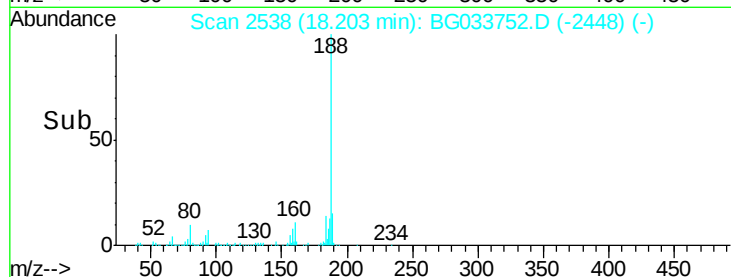
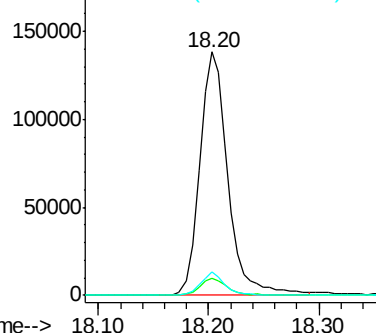
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	9.7	7.7	11.5

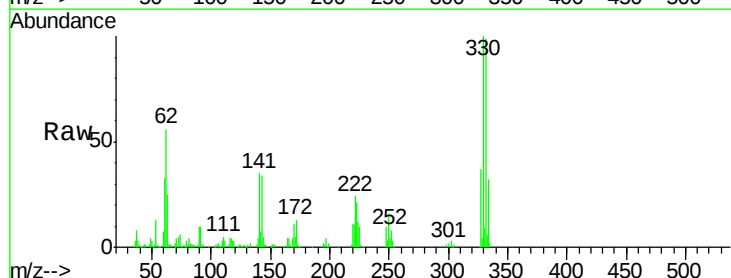


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

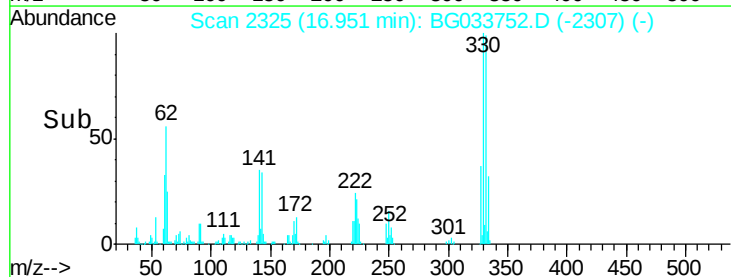
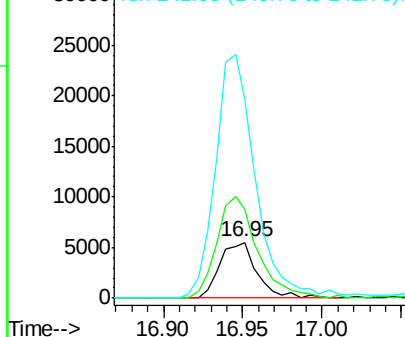


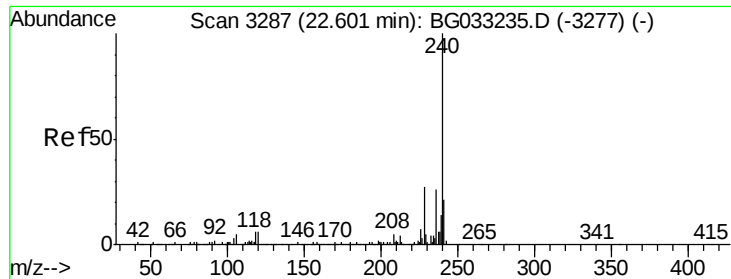
#66
4-Bromophenyl-phenylether
Concen: 3.124 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033752.D
Acq: 11 Apr 2018 19:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	159.3	77.1	115.7#
141	356.3	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: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033752.D

Acq: 11 Apr 2018 19:25

Instrument :

BNA_G

ClientSampleId :

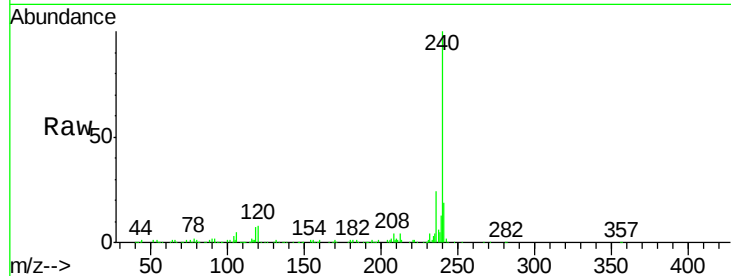
Tot Ion:240 Resp: 267698

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

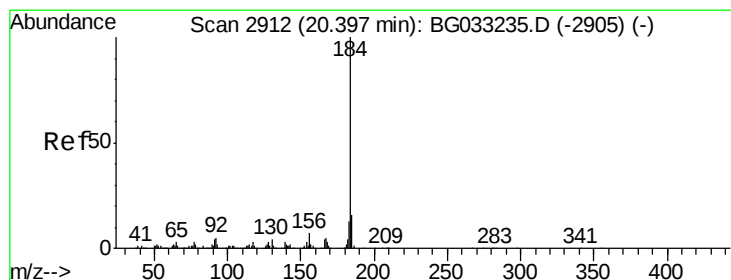
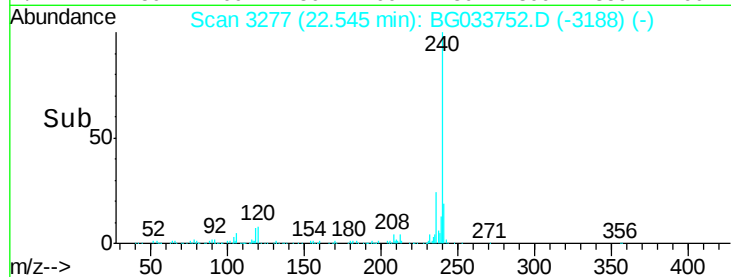
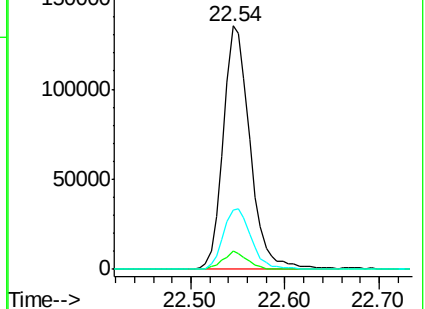
236 24.4 20.9 31.3



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



#76

Benzidine

Concen: 2.878 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033752.D

Acq: 11 Apr 2018 19:25

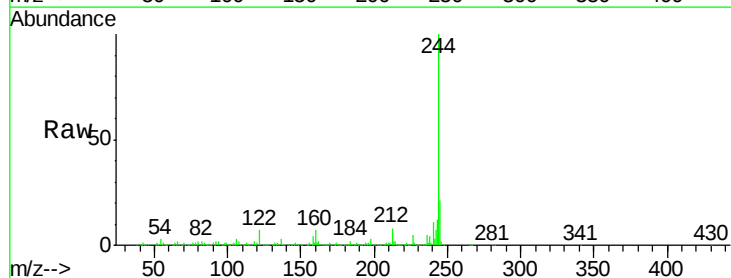
Tgt Ion:184 Resp: 20891

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

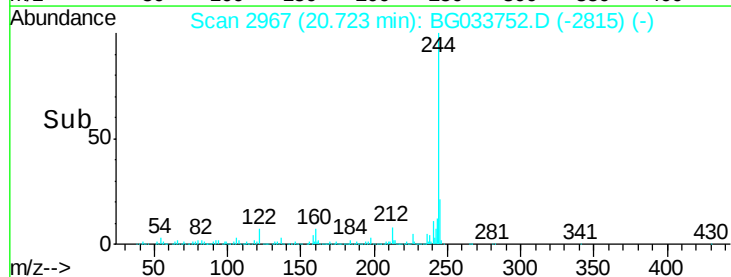
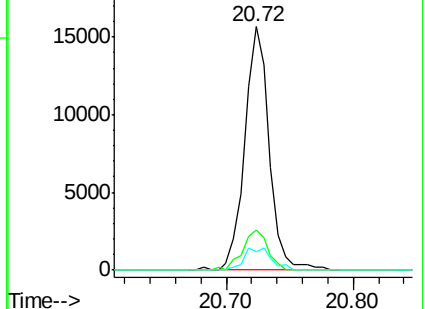
183 7.5 10.6 16.0#

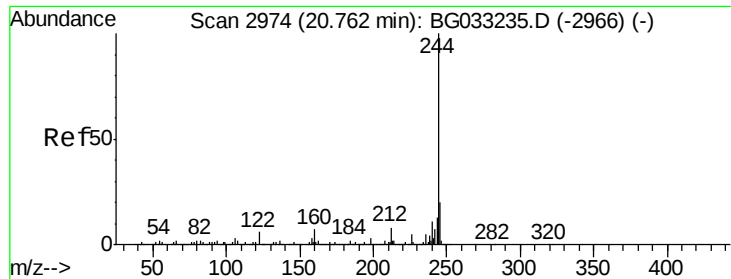


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 99.114 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033752.D

Acq: 11 Apr 2018 19:25

Instrument :

BNA_G

ClientSampleId :

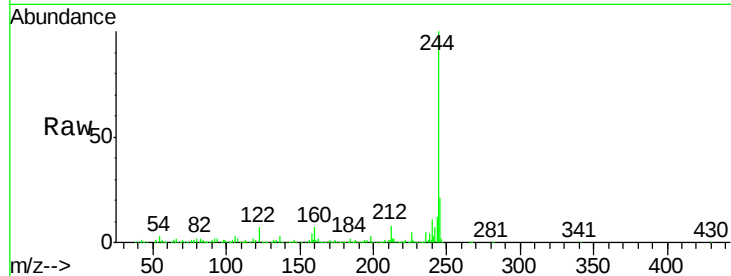
Tot Ion:244 Resp: 1240648

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

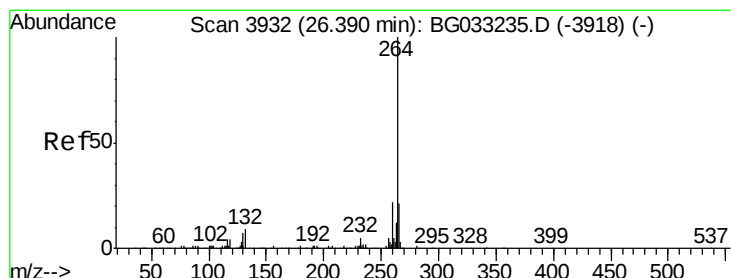
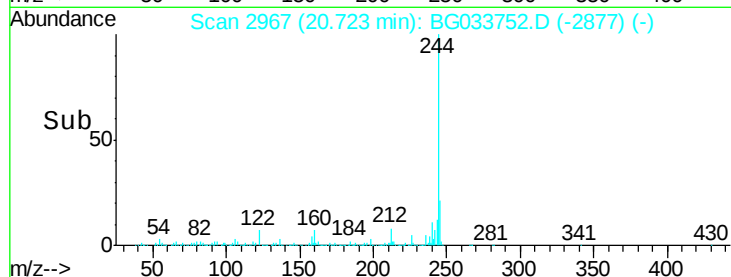
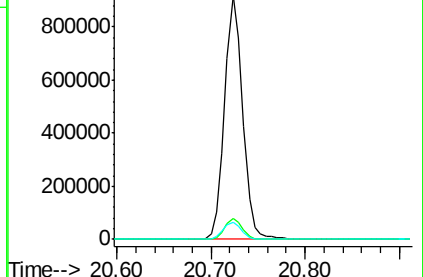
122 7.2 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.00 min

Lab File: BG033752.D

Acq: 11 Apr 2018 19:25

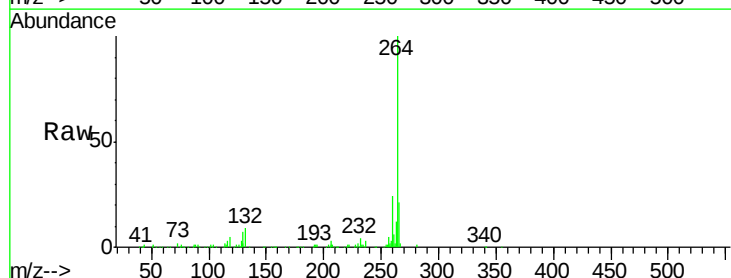
Tgt Ion:264 Resp: 286450

Ion Ratio Lower Upper

264 100

260 23.8 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

