

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033252.D
 Acq On : 19 Mar 2018 22:51
 Operator : SJ/JU
 Sample : J1953-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

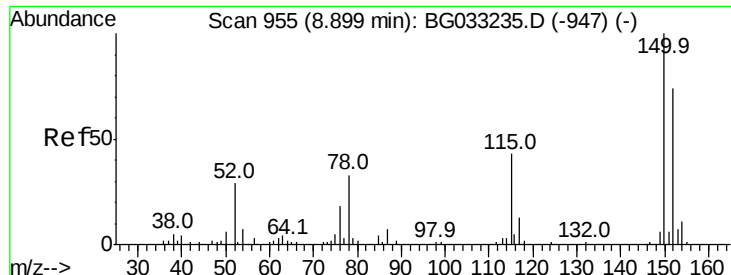
Quant Time: Mar 20 03:40:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34353	20.00	ng	0.00
21) Naphthalene-d8	11.77	136	142666	20.00	ng	-0.01
38) Acenaphthene-d10	15.51	164	112084	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	301887	20.00	ng	0.00
75) Chrysene-d12	22.60	240	307830	20.00	ng	0.00
86) Perylene-d12	26.40	264	318834	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	70968	38.74	ng	0.00
7) Phenol-d6	8.00	99	65176	20.71	ng	0.00
23) Nitrobenzene-d5	10.09	82	293396	94.49	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	162900	97.18	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	711160	91.60	ng	0.00
78) Terphenyl-d14	20.76	244	1292827	89.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	8.05	94	7009	2.255	ng	83
15) Benzyl Alcohol	9.22	79	5301	2.139	ng	# 32
19) n-Nitroso-di-n-propylamine	10.09	70	39070	16.938	ng	# 80
49) Dimethylphthalate	14.93	163	29436	3.018	ng	# 97
50) 2,6-Dinitrotoluene	15.51	165	13840	6.939	ng	# 22
53) 2,4-Dinitrophenol	15.46	184	61	7.696	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	13924	4.741	ng	# 20
66) 4-Bromophenyl-phenylether	16.98	248	12307	3.471	ng	# 1
76) Benzidine	20.76	184	20268	2.428	ng	95

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

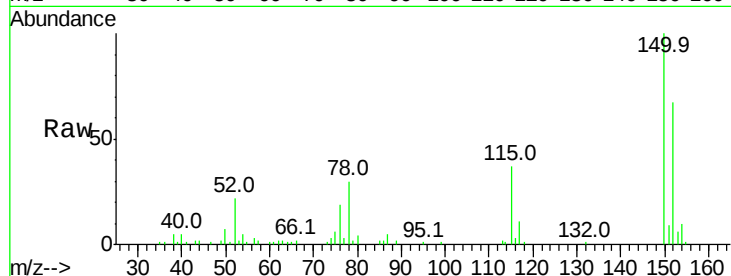


#1

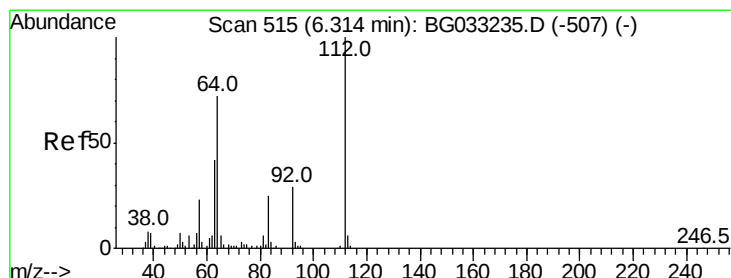
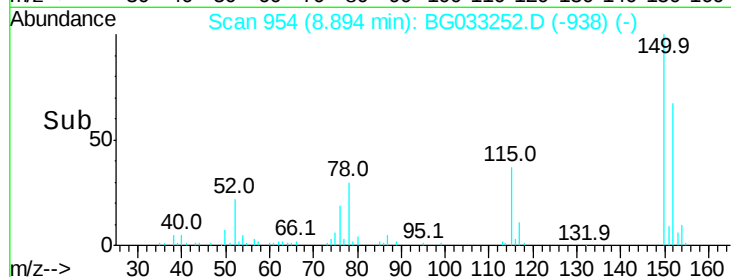
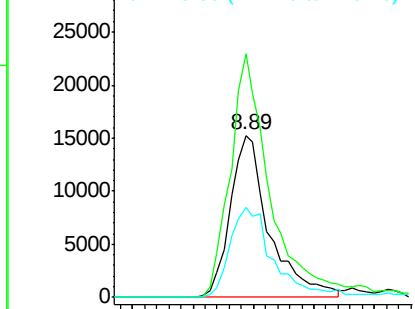
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34353
Ion Ratio Lower Upper
152 100
150 150.3 126.6 189.8
115 55.5 53.0 79.4



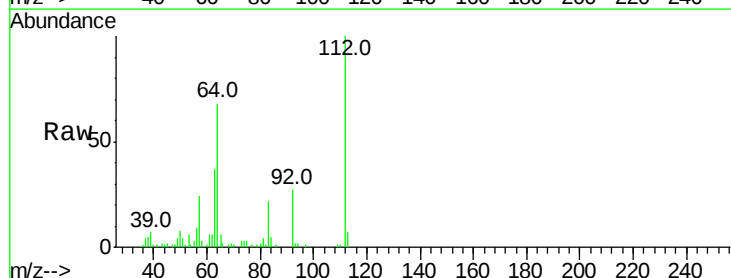
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



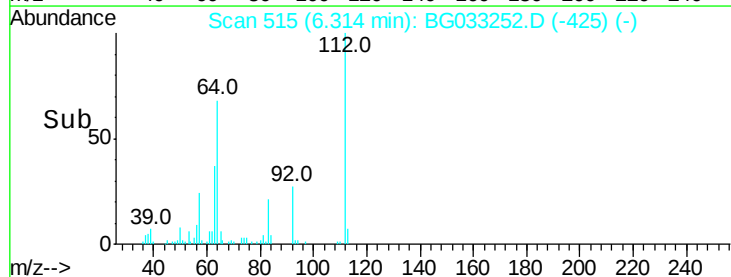
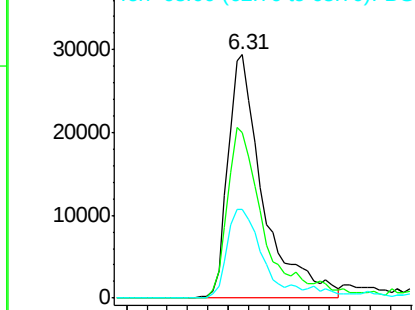
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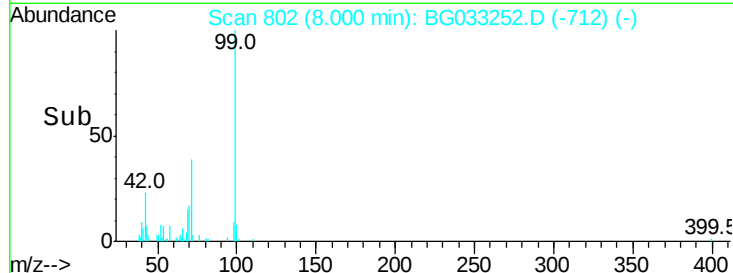
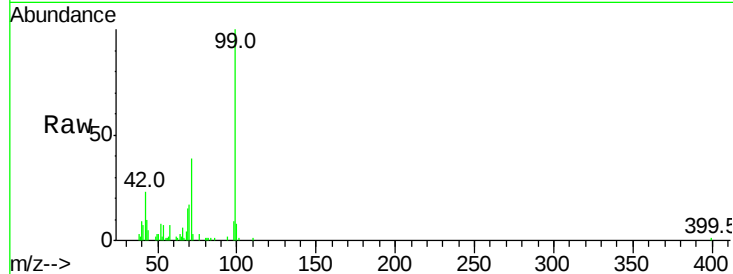
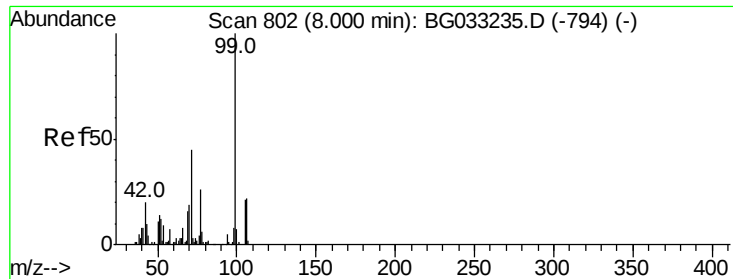
2-Fluorophenol
Concen: 38.737 ng
RT: 6.31 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Tgt Ion:112 Resp: 70968
Ion Ratio Lower Upper
112 100
64 67.9 56.3 84.5
63 36.5 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: 20.705 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

Instrument :

BNA_G

ClientSampled :

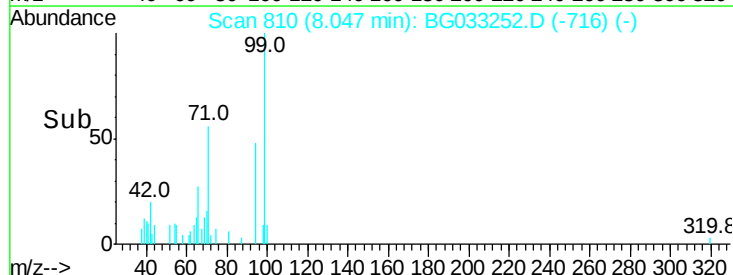
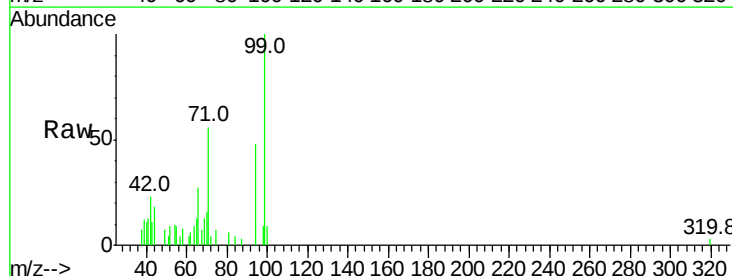
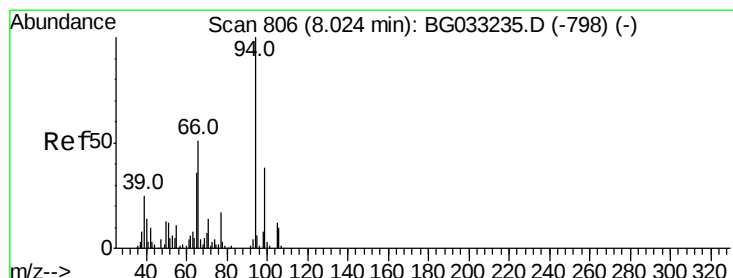
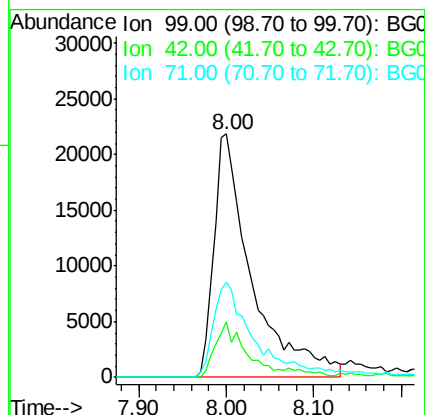
Tot Ion: 99 Resp: 65176

Ion Ratio Lower Upper

99 100

42 22.6 14.1 21.1#

71 38.9 26.1 39.1



#10

Phenol

Concen: 2.255 ng

RT: 8.05 min Scan# 810

Delta R.T. 0.02 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

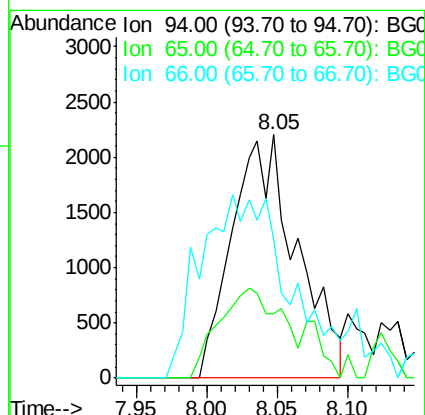
Tgt Ion: 94 Resp: 7009

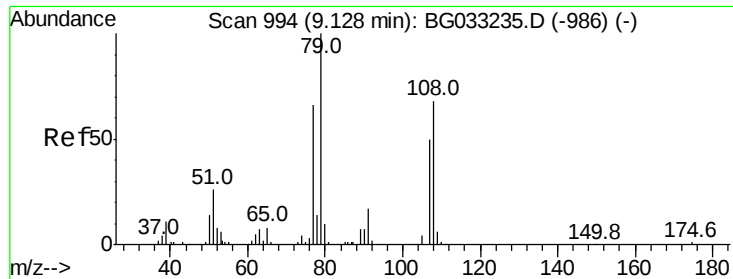
Ion Ratio Lower Upper

94 100

65 26.7 11.9 51.9

66 56.8 22.2 62.2





#15

Benzyl Alcohol

Concen: 2.139 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.09 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

Instrument :

BNA_G

ClientSampled :

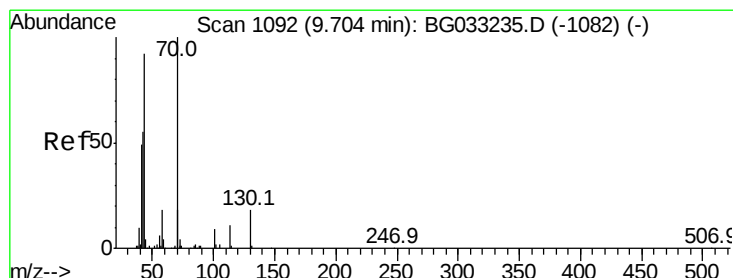
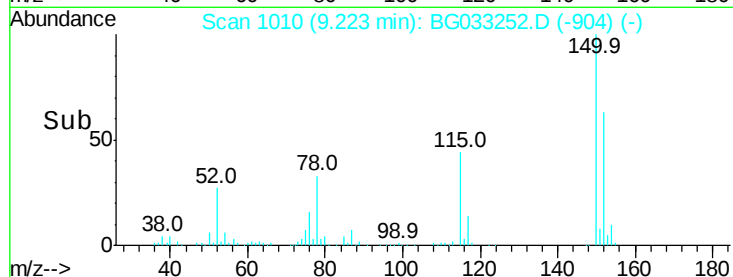
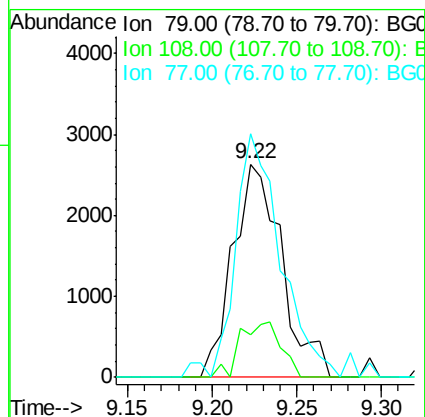
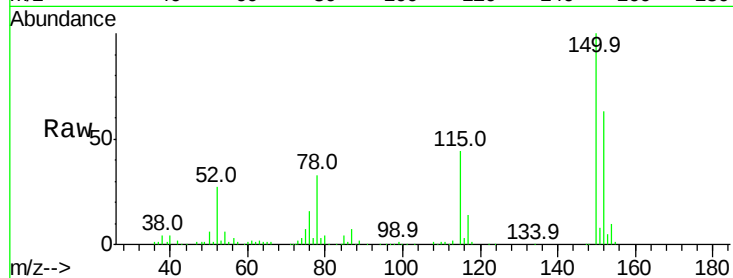
Tot Ion: 79 Resp: 5301

Ion Ratio Lower Upper

79 100

108 20.1 57.2 85.8#

77 114.1 46.1 69.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.938 ng

RT: 10.09 min Scan# 1158

Delta R.T. 0.39 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

Tgt Ion: 70 Resp: 39070

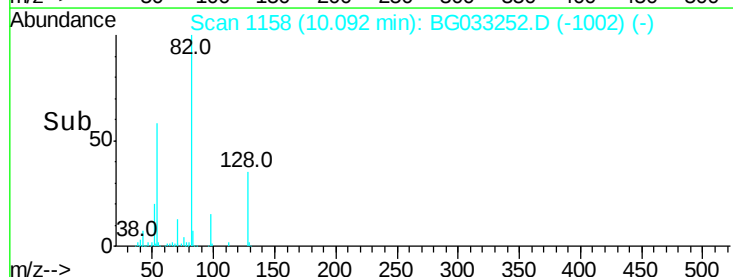
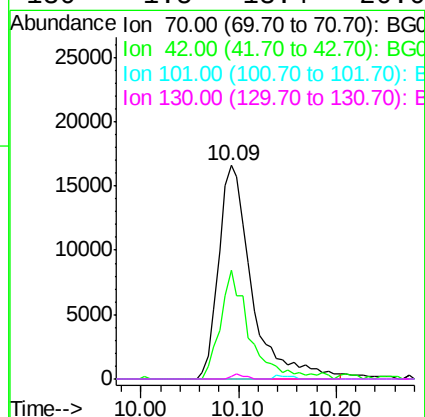
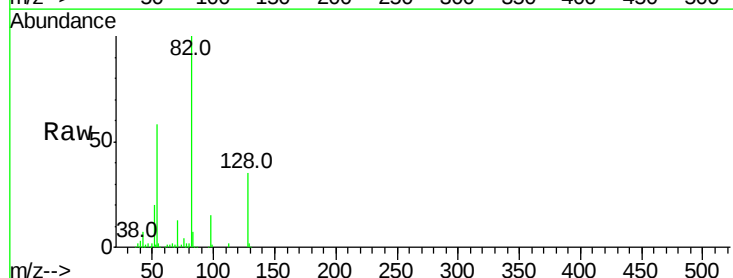
Ion Ratio Lower Upper

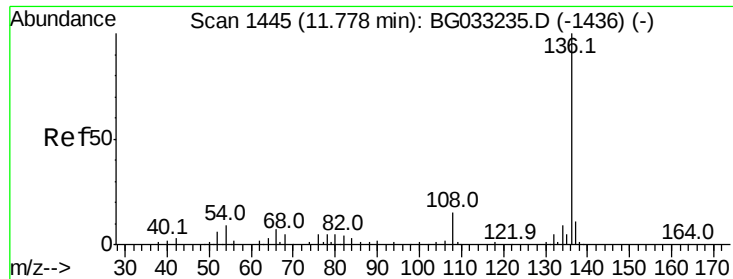
70 100

42 50.7 49.1 73.7

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.77 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 142666

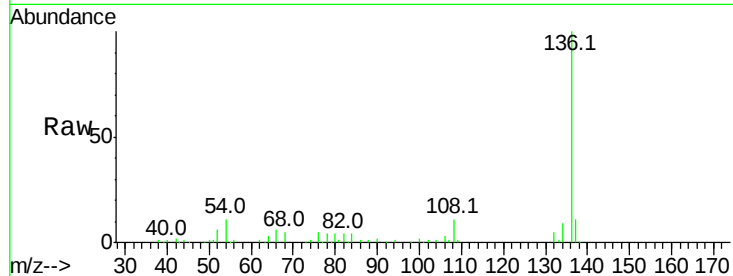
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 10.7 10.3 15.5

68 4.9 4.5 6.7

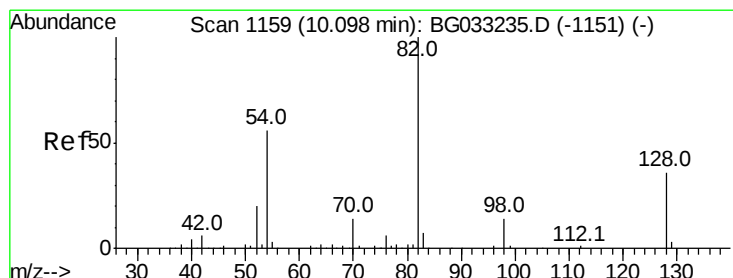
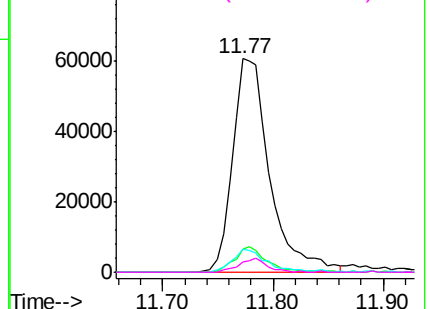
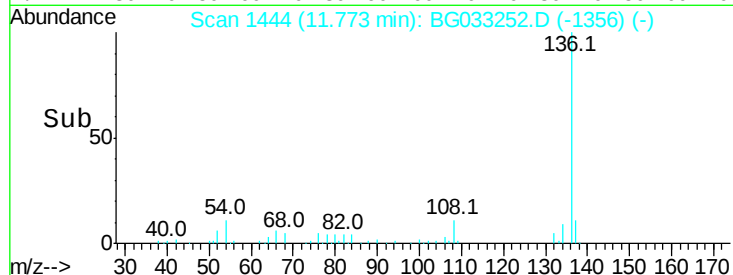


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.485 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

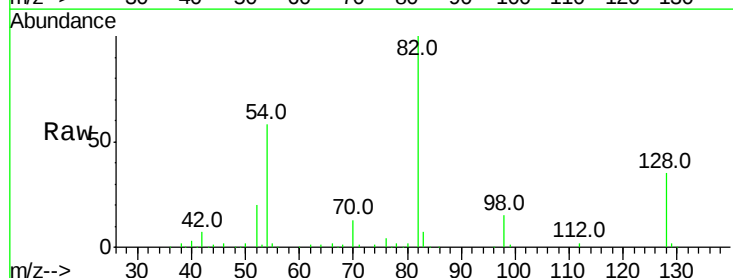
Tgt Ion: 82 Resp: 293396

Ion Ratio Lower Upper

82 100

128 35.4 29.7 44.5

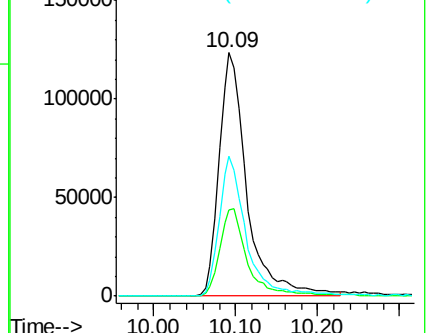
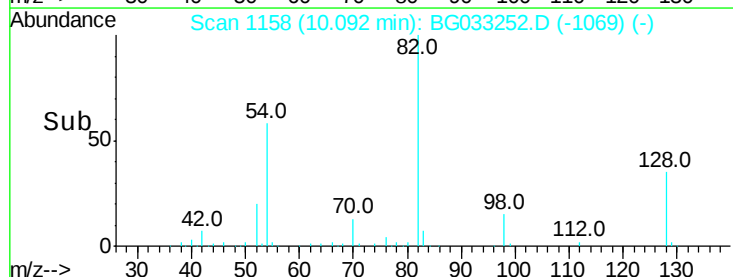
54 57.7 43.1 64.7

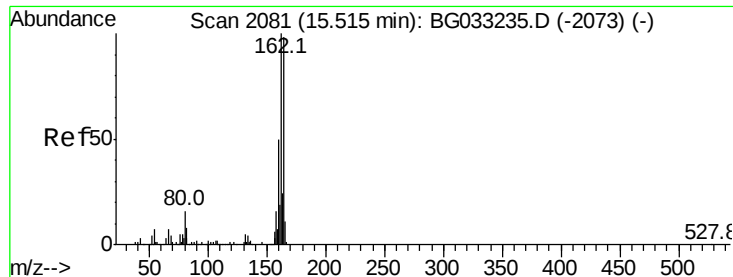


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

Instrument :

BNA_G

ClientSampleId :

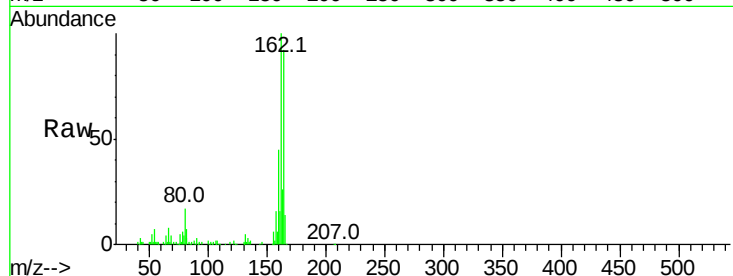
Tot Ion:164 Resp: 112084

Ion Ratio Lower Upper

164 100

162 108.8 78.8 118.2

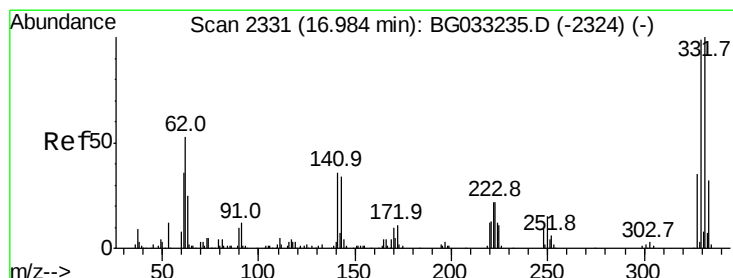
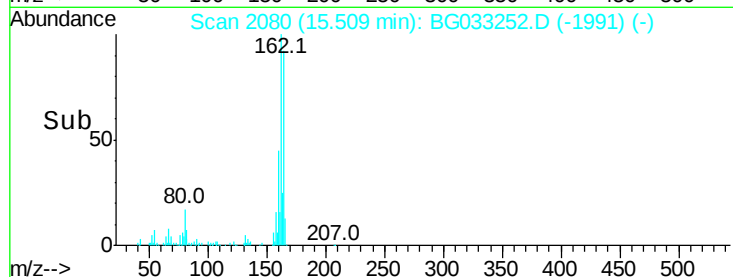
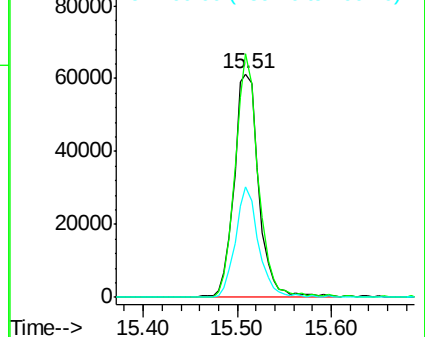
160 49.2 35.4 53.0



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: 97.176 ng

RT: 16.98 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG033252.D

Acq: 19 Mar 2018 22:51

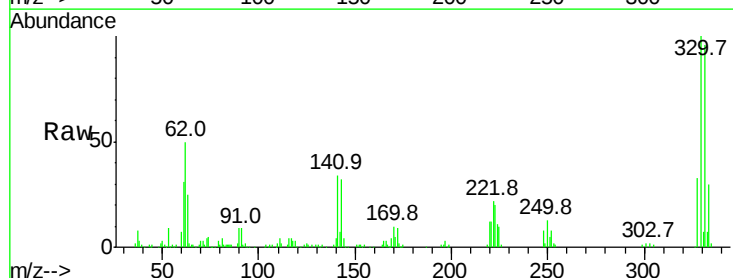
Tgt Ion:330 Resp: 162900

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

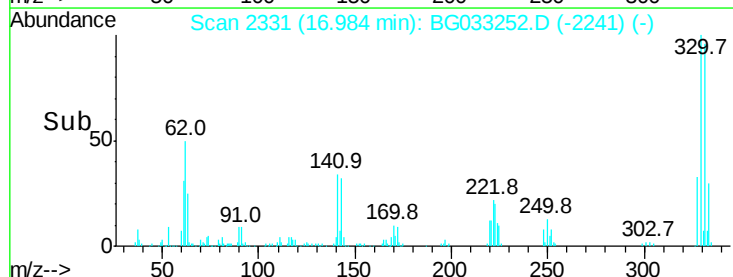
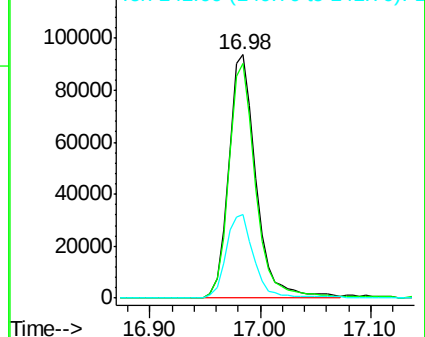
141 35.4 25.2 37.8

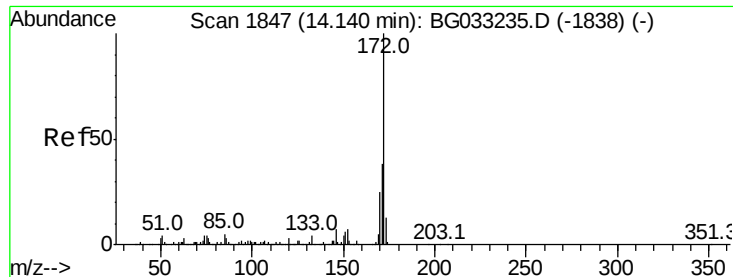


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

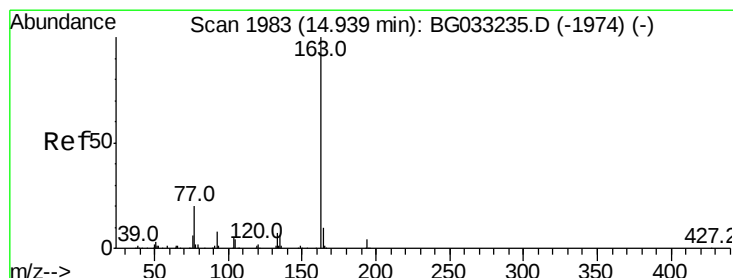
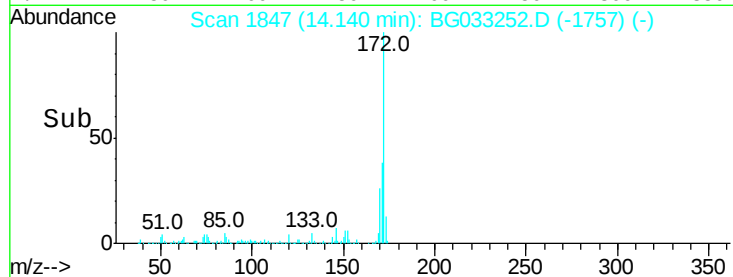
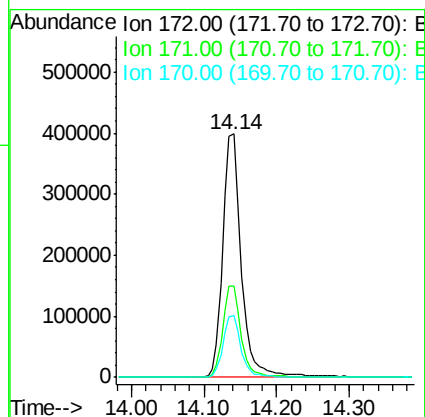
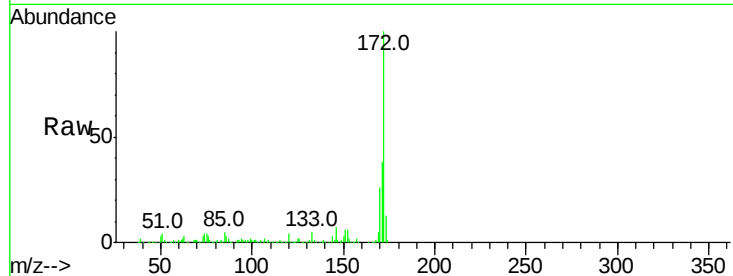




#44
2-Fluorobiphenyl
Concen: 91.597 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

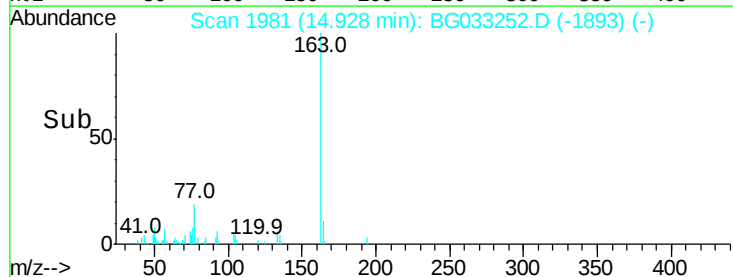
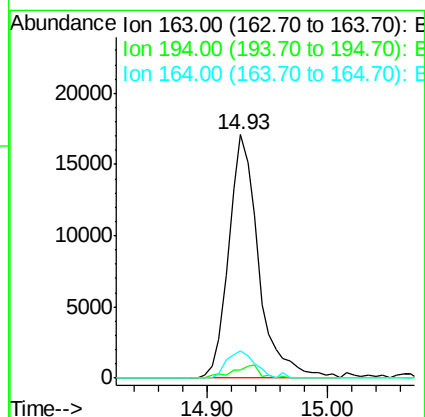
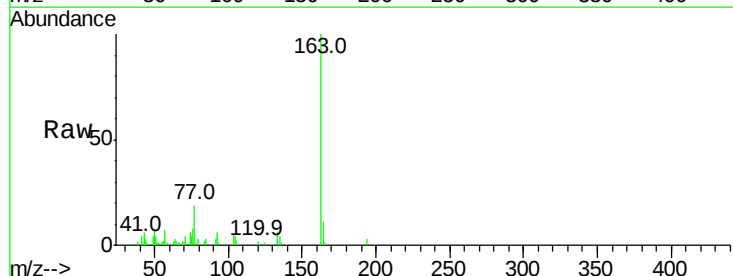
Instrument :
BNA_G
ClientSampleId :

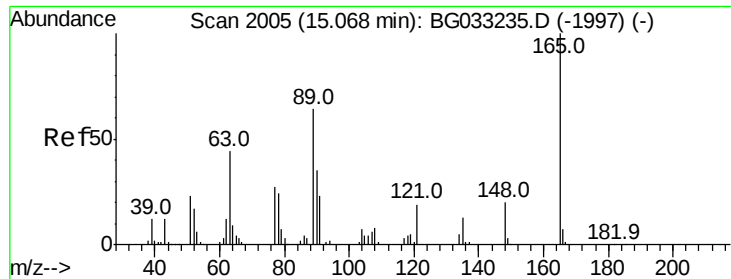
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.6	19.5	29.3



#49
Dimethylphthalate
Concen: 3.018 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.4	5.2#
164	11.2	8.2	12.4

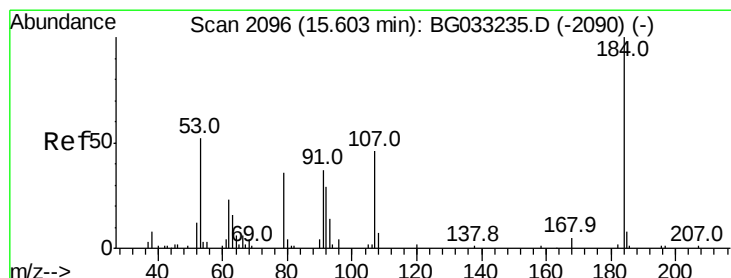
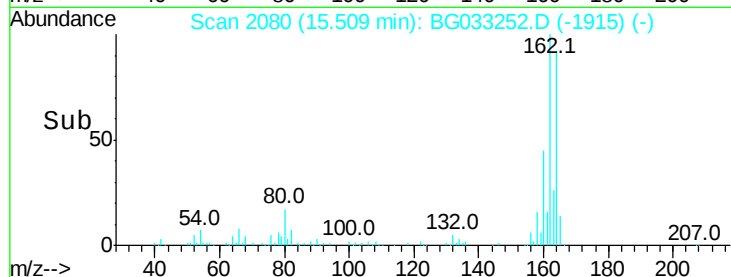
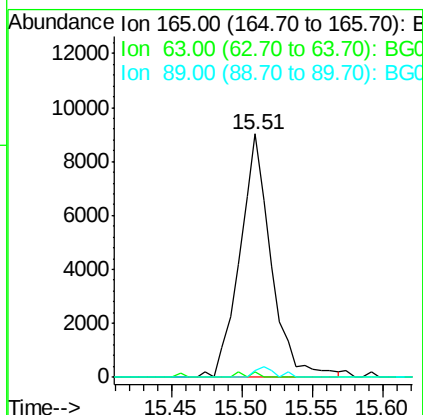
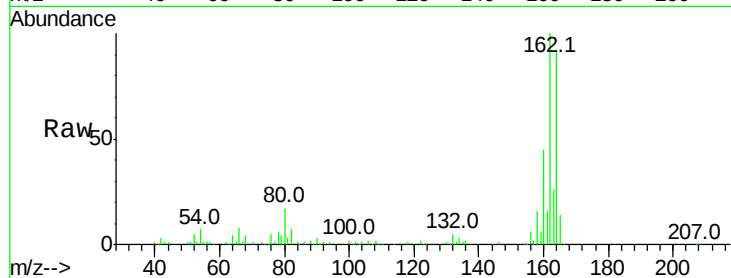




#50
 2,6-Dinitrotoluene
 Concen: 6.939 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.44 min
 Lab File: BG033252.D
 Acq: 19 Mar 2018 22:51

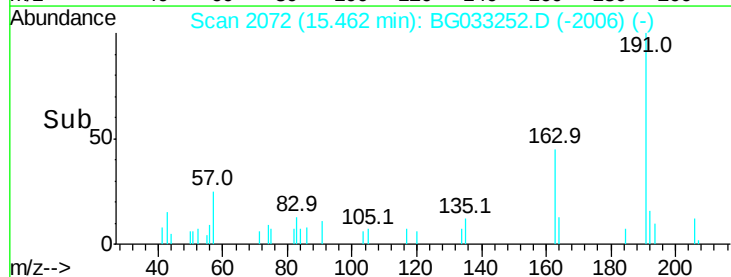
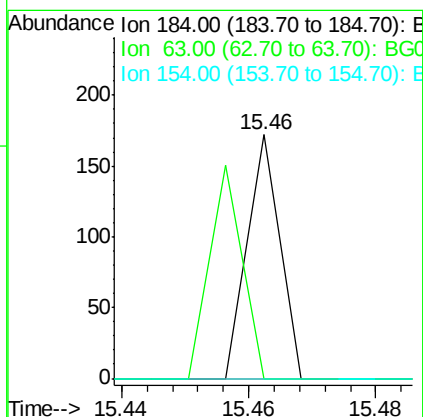
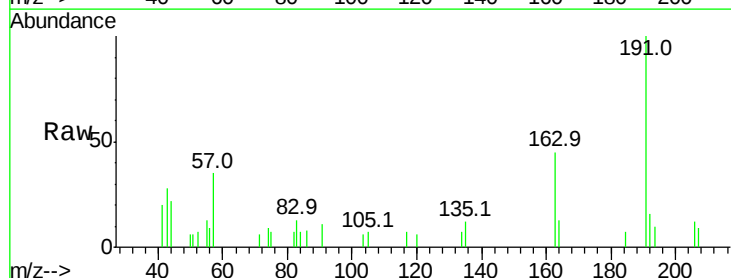
Instrument :
 BNA_G
 ClientSampleId :

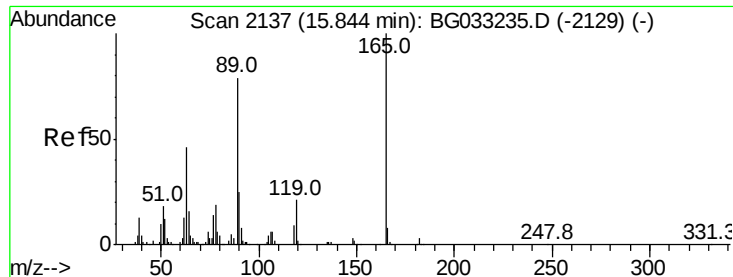
Tot Ion:165 Resp: 13840
 Ion Ratio Lower Upper
 165 100
 63 2.4 52.7 79.1#
 89 3.0 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.696 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.14 min
 Lab File: BG033252.D
 Acq: 19 Mar 2018 22:51

Tgt Ion:184 Resp: 61
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

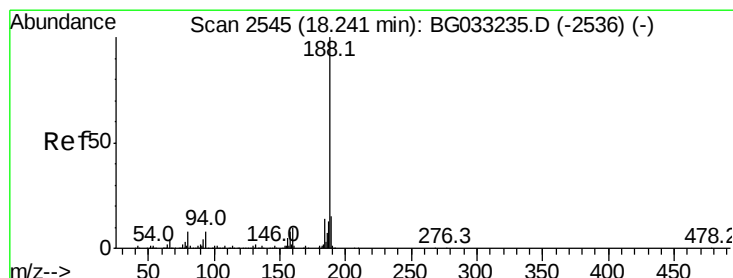
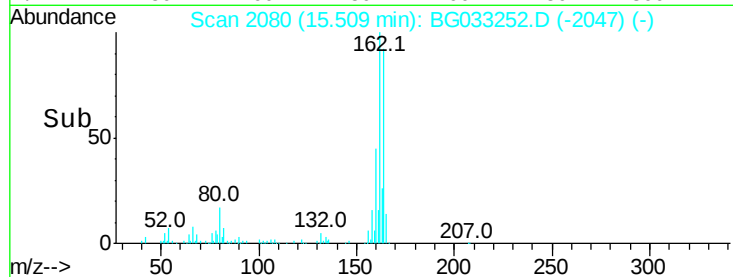
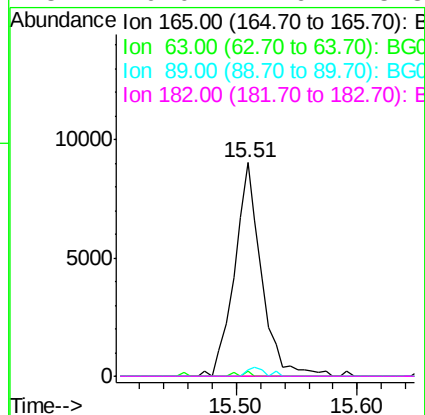
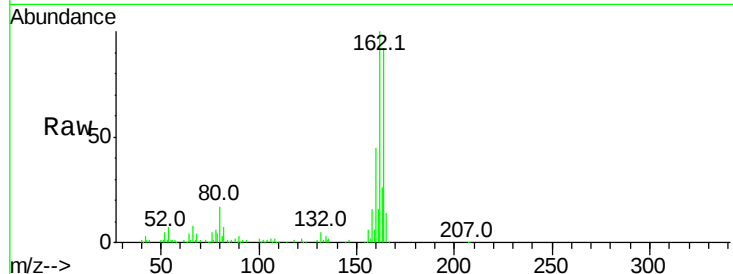




#56
 2,4-Dinitrotoluene
 Concen: 4.741 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.33 min
 Lab File: BG033252.D
 Acq: 19 Mar 2018 22:51

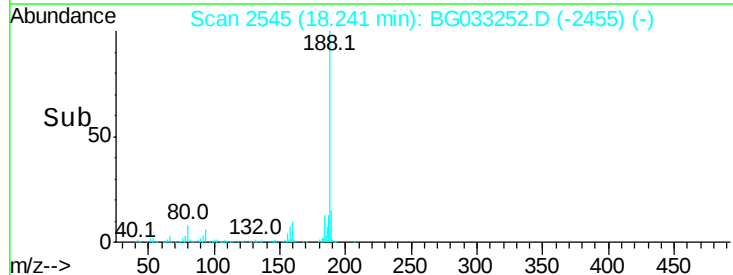
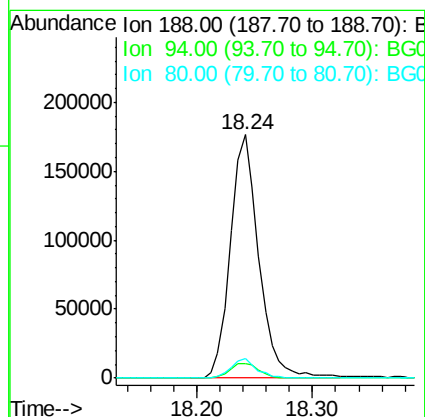
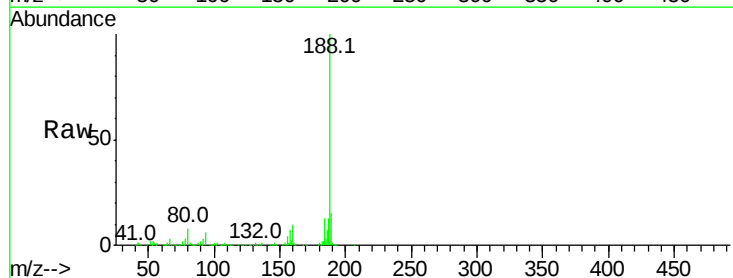
Instrument :
 BNA_G
 ClientSampled :

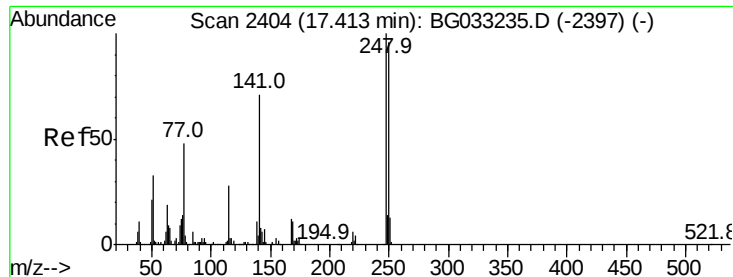
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	3.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BG033252.D
 Acq: 19 Mar 2018 22:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.9	7.7	11.5

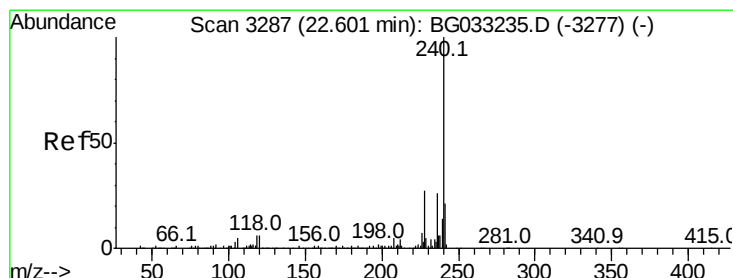
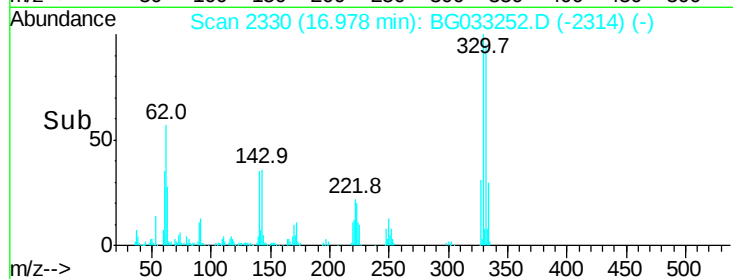
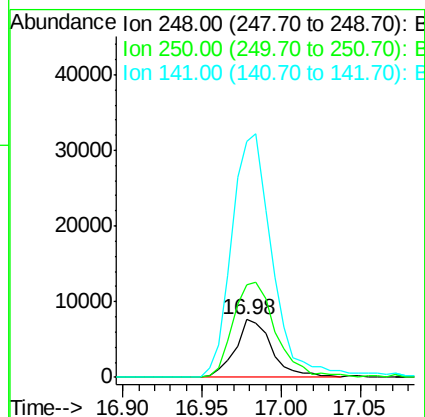
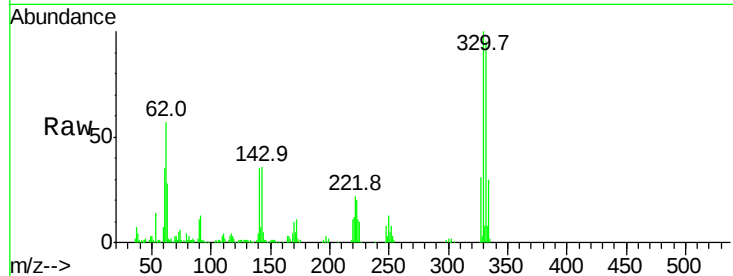




#66
4-Bromophenyl-phenylether
Concen: 3.471 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

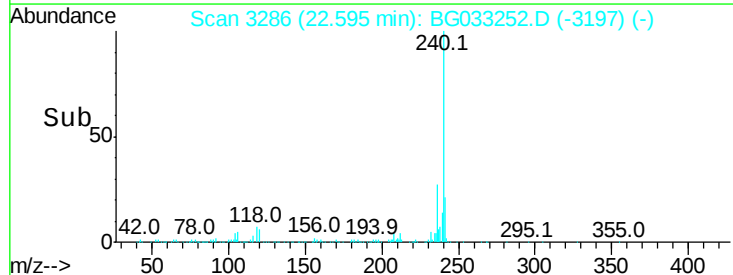
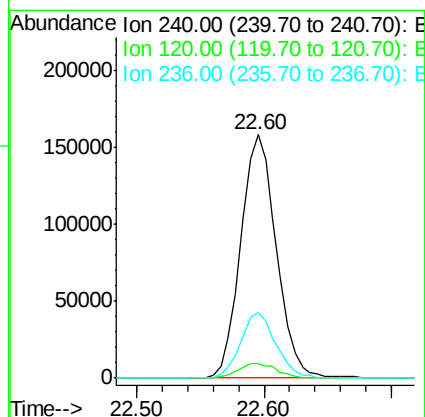
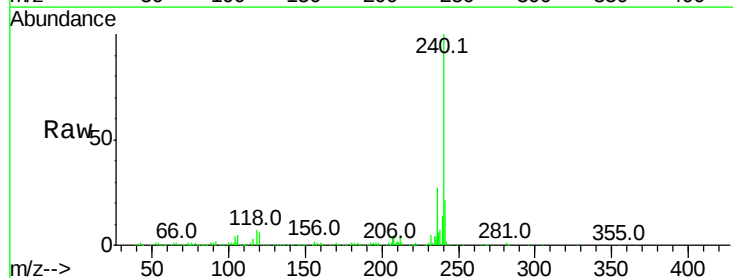
Instrument :
BNA_G
ClientSampleId :

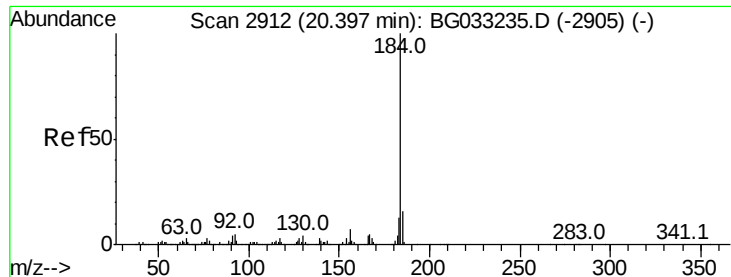
Tot Ion:248 Resp: 12307
Ion Ratio Lower Upper
248 100
250 158.9 77.1 115.7#
141 408.3 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3286
Delta R.T. -0.01 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Tgt Ion:240 Resp: 307830
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.9 20.9 31.3

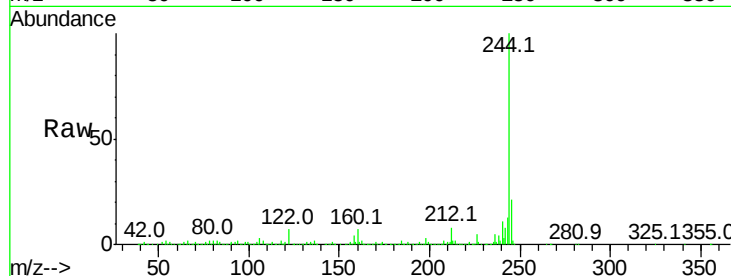




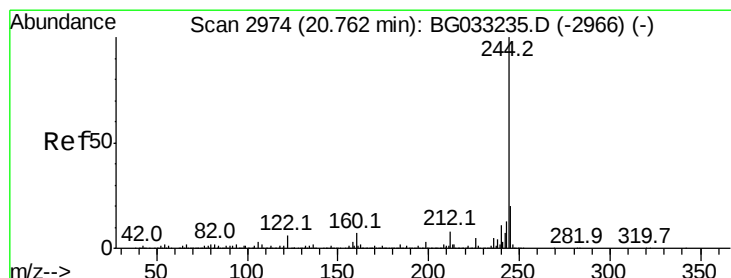
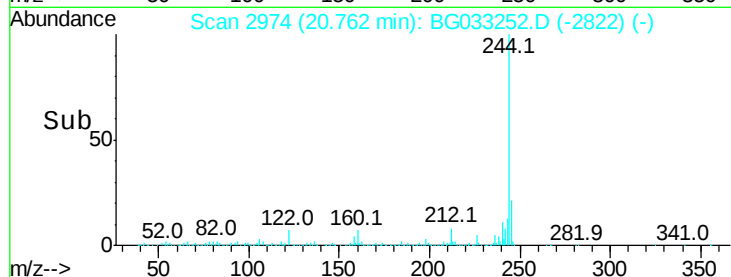
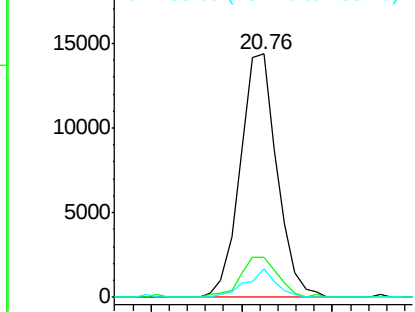
#76
Benzidine
Concen: 2.428 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.37 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 20268
Ion Ratio Lower Upper
184 100
185 16.6 11.1 16.7
183 11.7 10.6 16.0

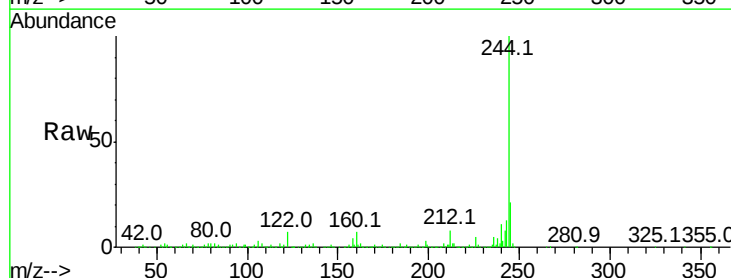


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

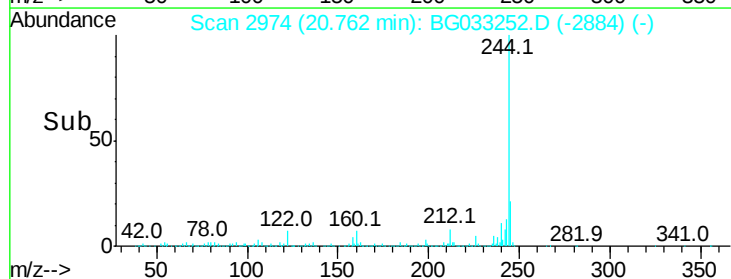
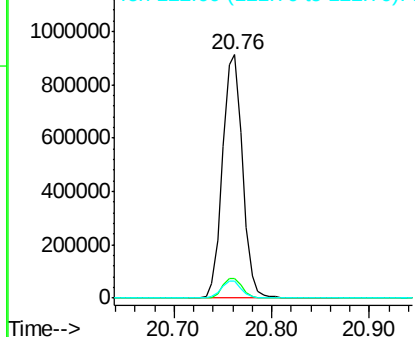


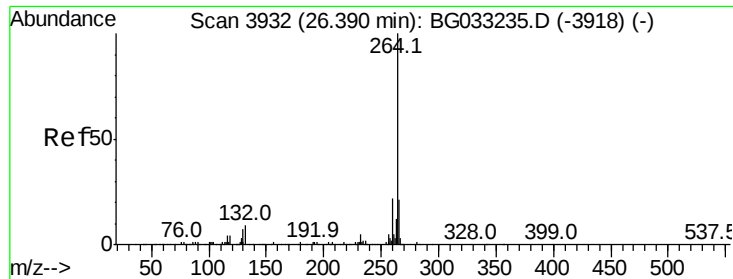
#78
Terphenyl-d14
Concen: 89.817 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Tgt Ion:244 Resp: 1292827
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.8
122 6.8 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# 3933
Delta R.T. 0.00 min
Lab File: BG033252.D
Acq: 19 Mar 2018 22:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.8	17.7	26.5

