

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033092.D
 Acq On : 12 Mar 2018 16:47
 Operator : SJ/JU
 Sample : J1869-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 17:59:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	41889	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	187942	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	108850	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	258523	20.00	ng	0.00
75) Chrysene-d12	22.60	240	249821	20.00	ng	0.00
86) Perylene-d12	26.39	264	250086	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	115207	44.00	ng	0.00
7) Phenol-d6	8.00	99	97738	26.78	ng	0.00
23) Nitrobenzene-d5	10.11	82	352171	124.78	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	121136	105.84	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	763035	101.10	ng	0.00
78) Terphenyl-d14	20.77	244	1139770	102.50	ng	0.00

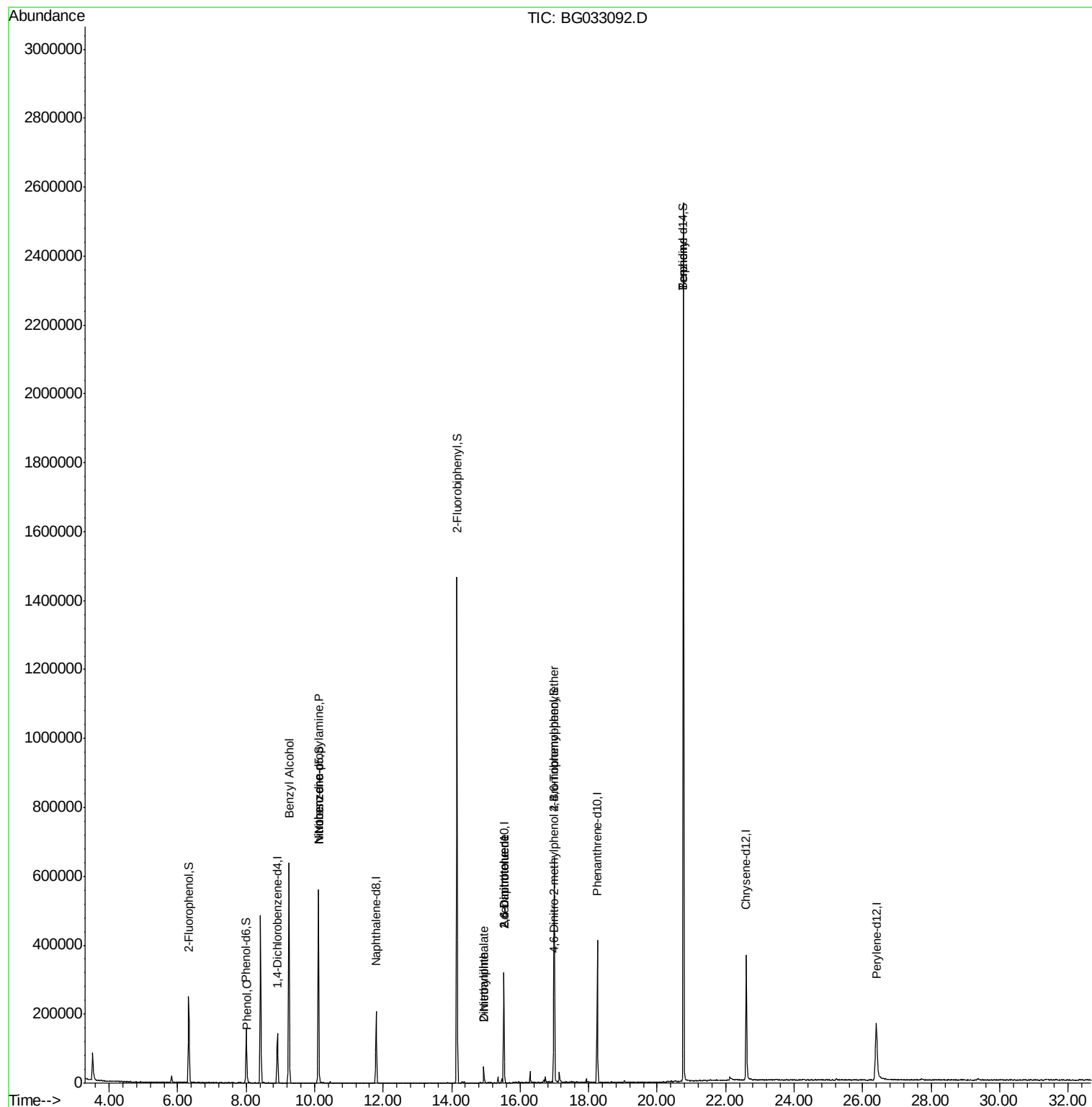
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	8.04	94	8024	2.181	ng	88
15) Benzyl Alcohol	9.25	79	5416	2.019	ng	# 40
19) n-Nitroso-di-n-propylamine	10.11	70	46050	17.873	ng	# 83
24) Nitrobenzene	10.11	77	916	6.645	ng	# 40
47) 2-Nitroaniline	14.94	65	131	9.894	ng	# 1
49) Dimethylphthalate	14.94	163	29456	3.187	ng	100
50) 2,6-Dinitrotoluene	15.53	165	14169	16.443	ng	# 21
56) 2,4-Dinitrotoluene	15.53	165	14169	14.642	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.97	198	58	5.043	ng	# 27
66) 4-Bromophenyl-phenylether	16.99	248	8353	3.056	ng	# 1
76) Benzidine	20.77	184	19692	2.312	ng	# 88

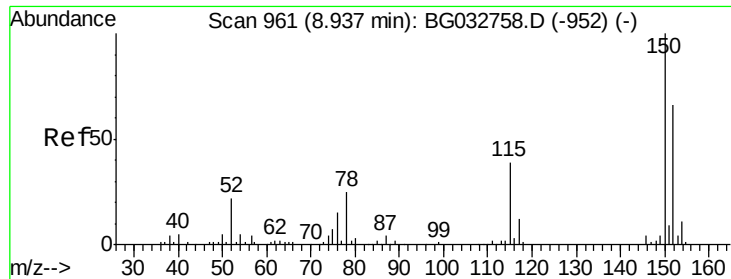
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033092.D
Acq On : 12 Mar 2018 16:47
Operator : SJ/JU
Sample : J1869-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 12 17:59:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



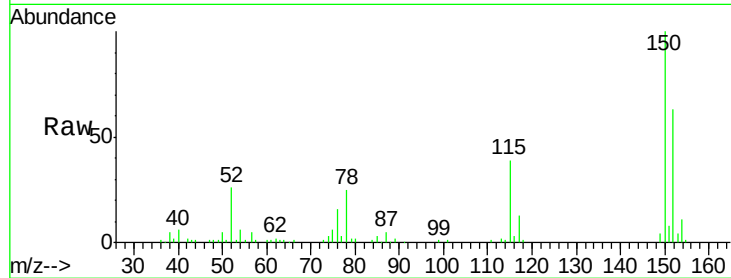


#1

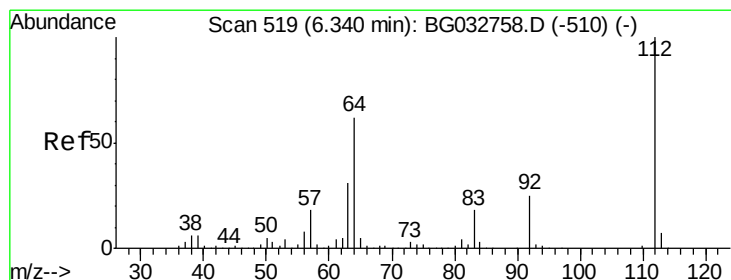
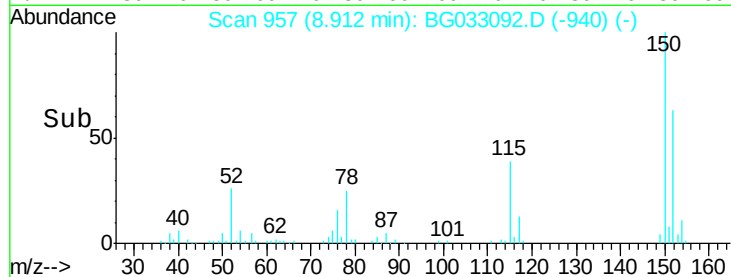
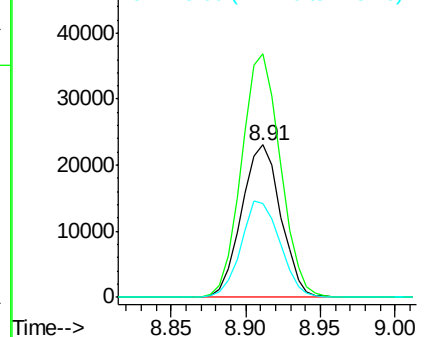
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033092.D
Acq: 12 Mar 2018 16:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 41889
Ion Ratio Lower Upper
152 100
150 159.5 126.6 189.8
115 61.6 53.0 79.4



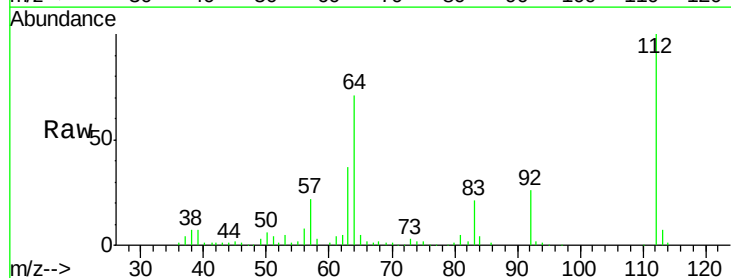
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



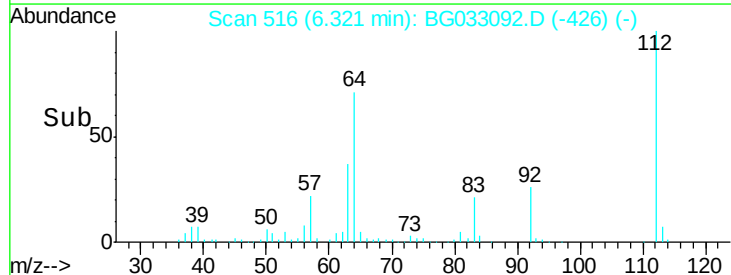
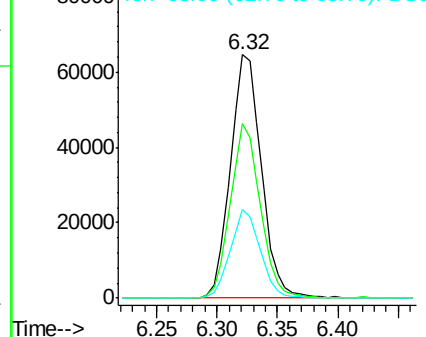
#5

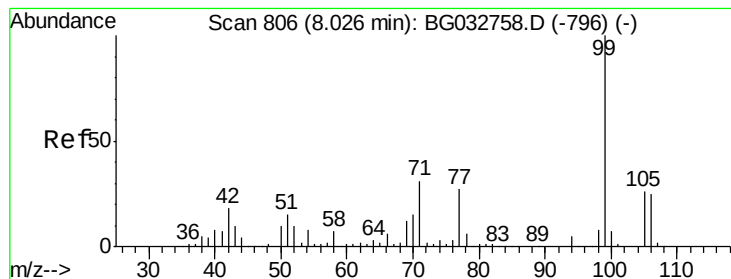
2-Fluorophenol
Concen: 44.001 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033092.D
Acq: 12 Mar 2018 16:47

Tgt Ion:112 Resp: 115207
Ion Ratio Lower Upper
112 100
64 71.5 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: 26.781 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

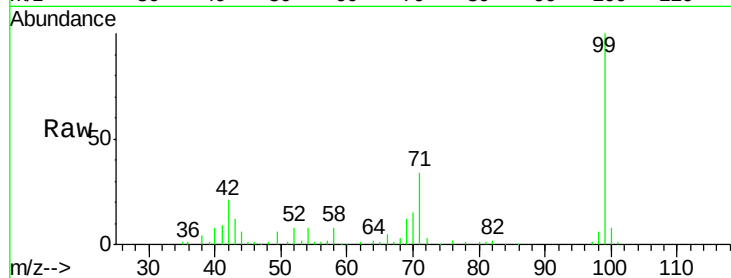
Tot Ion: 99 Resp: 97738

Ion Ratio Lower Upper

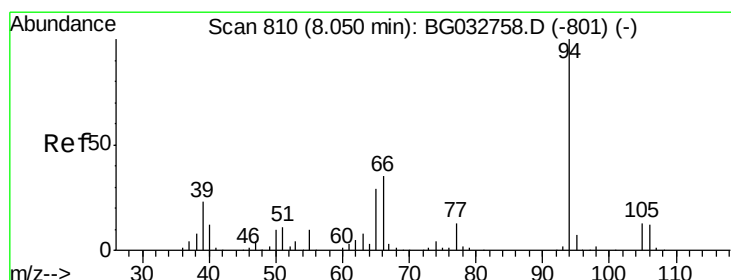
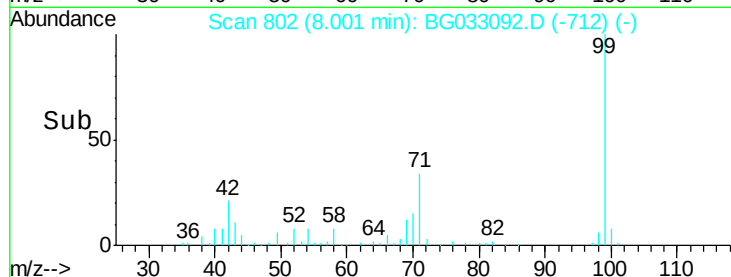
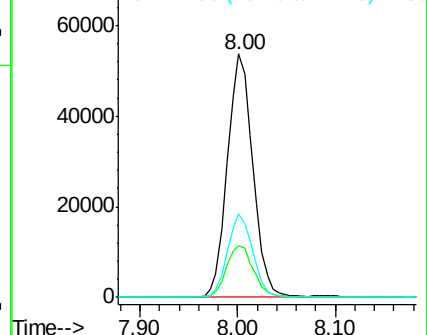
99 100

42 21.0 14.1 21.1

71 34.3 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: 2.181 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

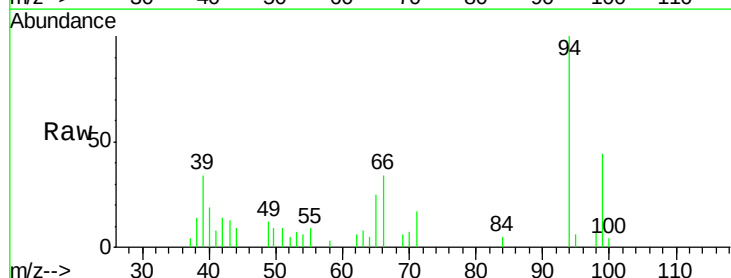
Tgt Ion: 94 Resp: 8024

Ion Ratio Lower Upper

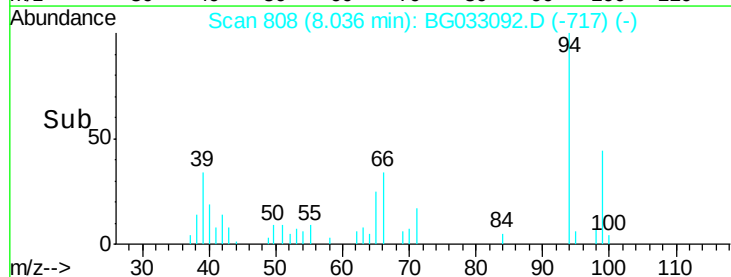
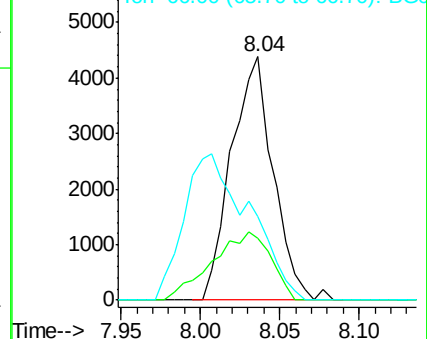
94 100

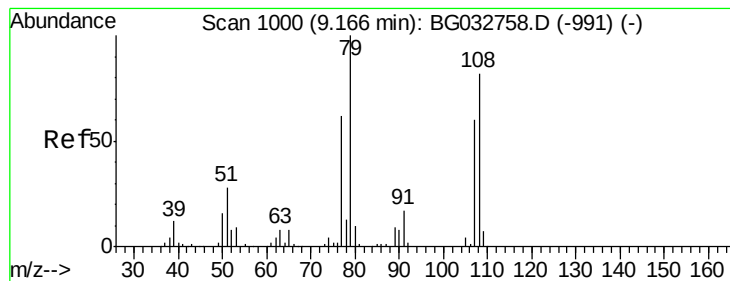
65 25.5 11.9 51.9

66 34.5 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

Benzyl Alcohol

Concen: 2.019 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.10 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

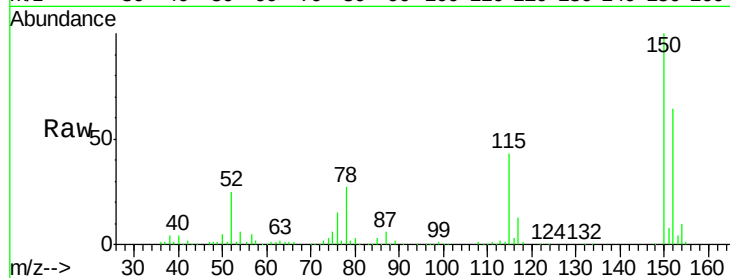
Tot Ion: 79 Resp: 5416

Ion Ratio Lower Upper

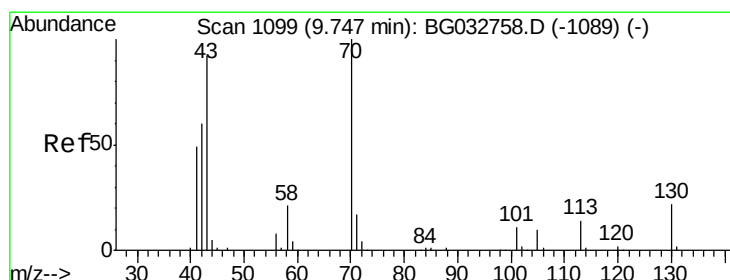
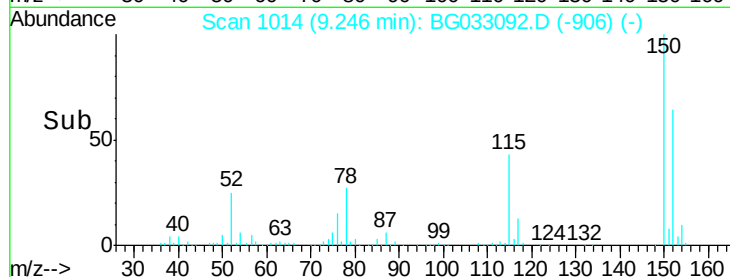
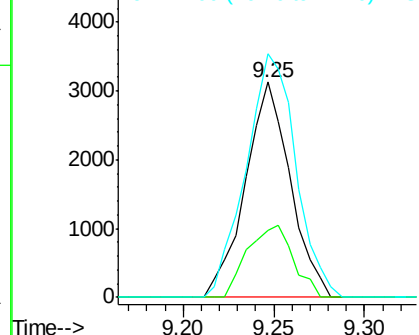
79 100

108 31.0 57.2 85.8#

77 113.0 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.873 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

Tgt Ion: 70 Resp: 46050

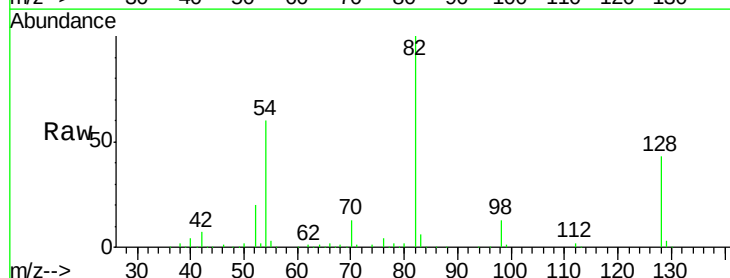
Ion Ratio Lower Upper

70 100

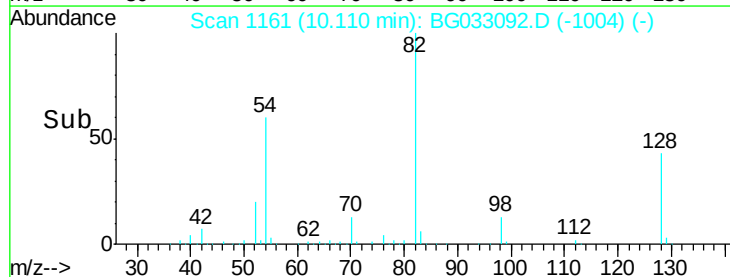
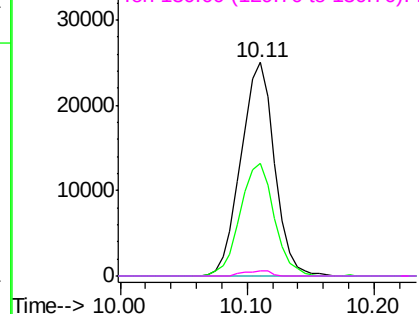
42 53.0 49.1 73.7

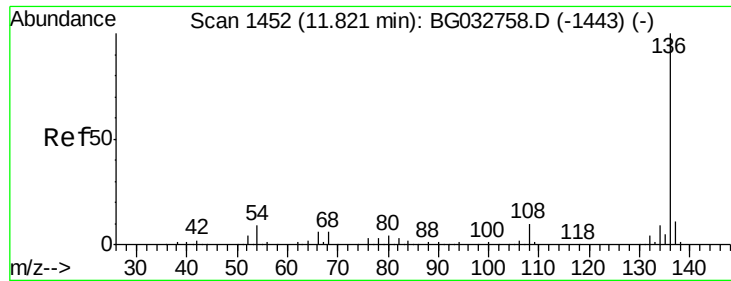
101 0.0 8.5 12.7#

130 2.5 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

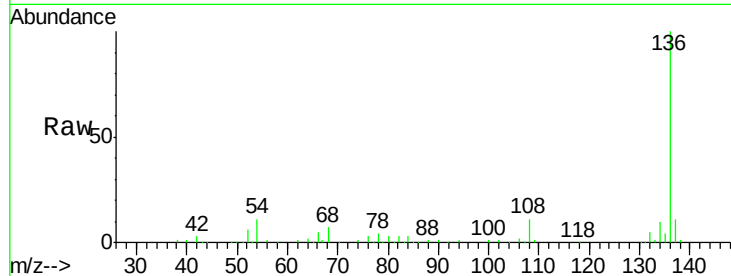




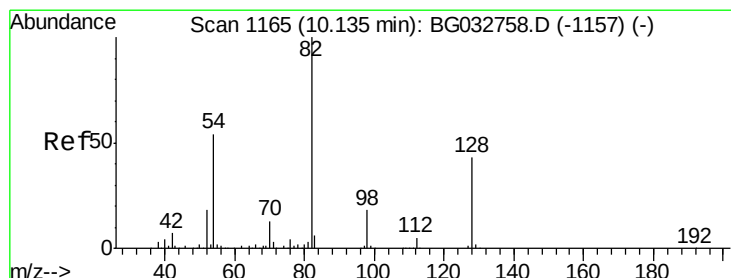
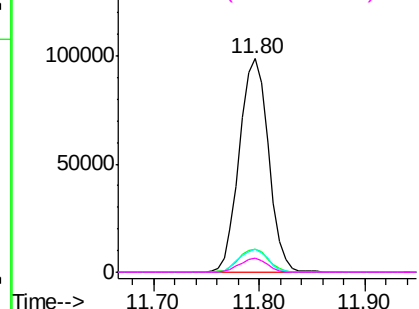
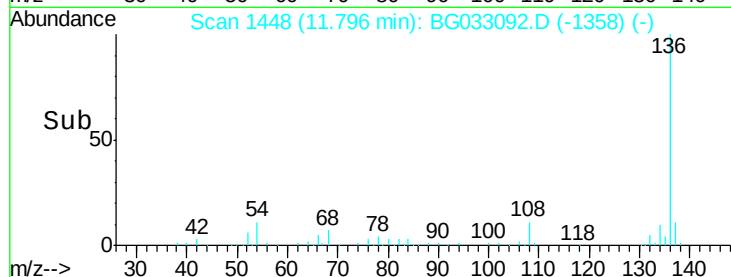
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033092.D
Acq: 12 Mar 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	187942
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	10.8	10.3 15.5
68	6.8	4.5 6.7#

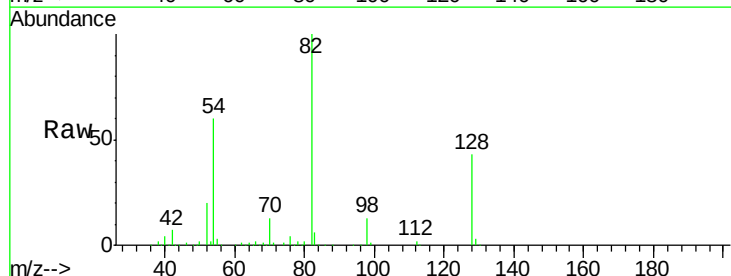


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

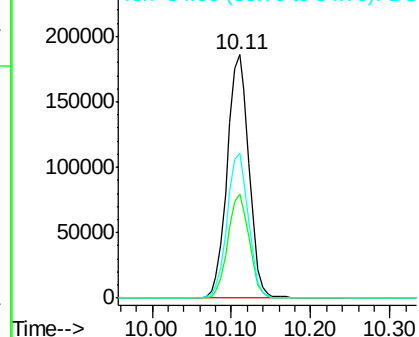
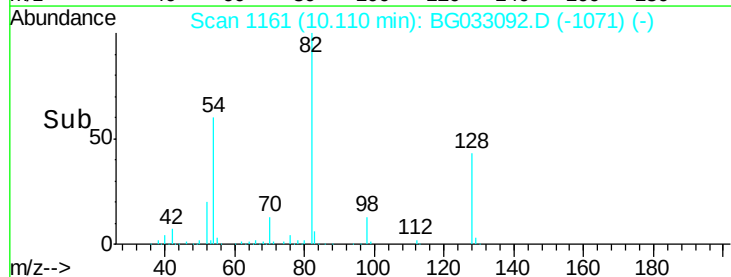


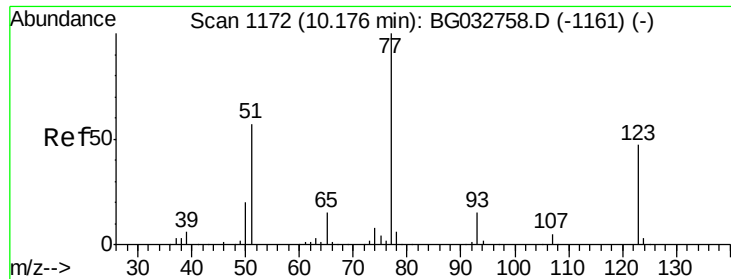
#23
Nitrobenzene-d5
Concen: 124.783 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033092.D
Acq: 12 Mar 2018 16:47

Tgt Ion: 82	Resp:	352171
Ion Ratio	Lower	Upper
82	100	
128	43.0	29.7 44.5
54	59.6	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: 6.645 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.04 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

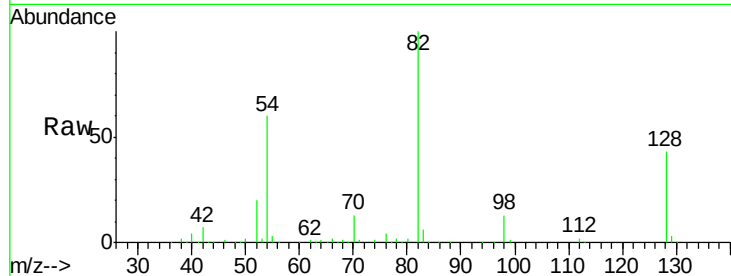
Tot Ion: 77 Resp: 916

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

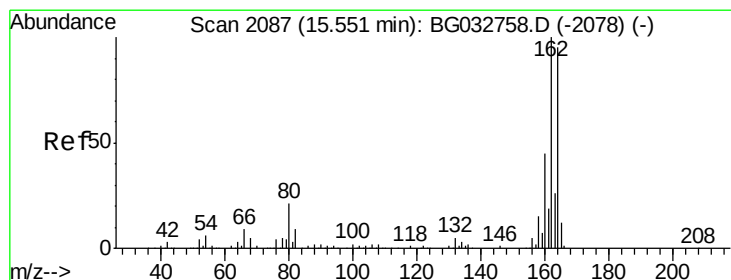
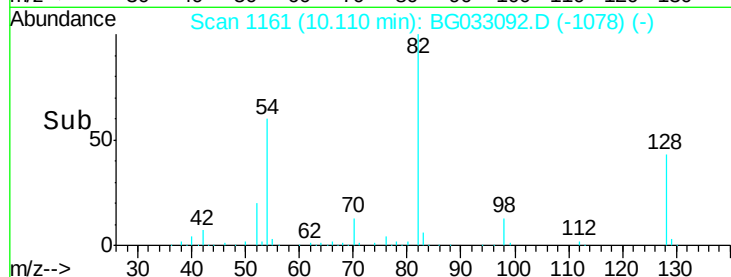
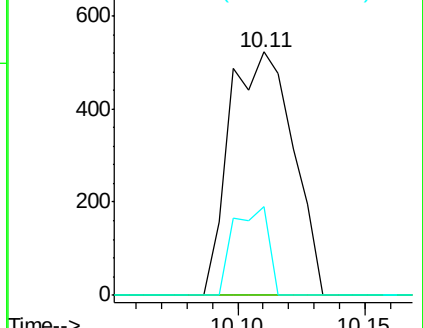
65 36.1 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BG033092.D (-1078) (-)

Ion 123.00 (122.70 to 123.70): BG033092.D (-1078) (-)

Ion 65.00 (64.70 to 65.70): BG033092.D (-1078) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

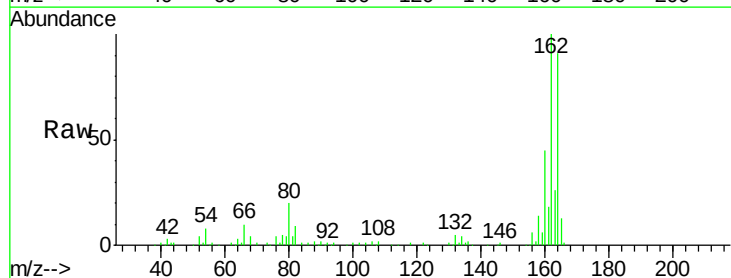
Tgt Ion: 164 Resp: 108850

Ion Ratio Lower Upper

164 100

162 109.5 78.8 118.2

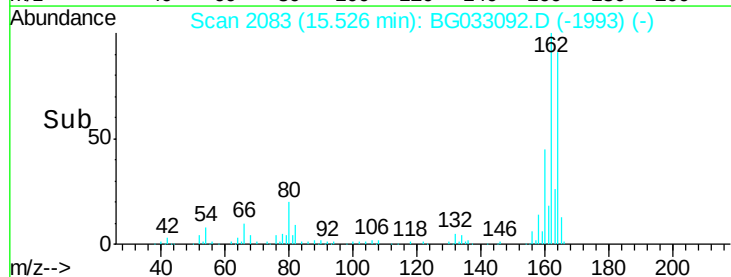
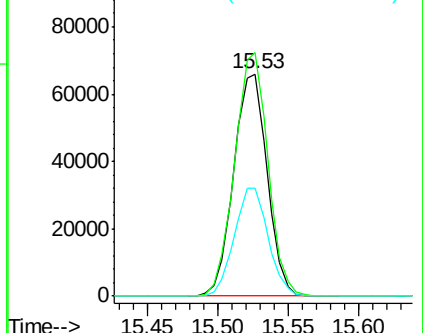
160 48.8 35.4 53.0

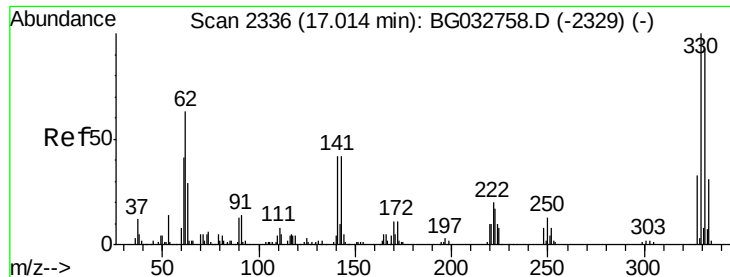


Abundance Ion 164.00 (163.70 to 164.70): BG033092.D (-1993) (-)

Ion 162.00 (161.70 to 162.70): BG033092.D (-1993) (-)

Ion 160.00 (159.70 to 160.70): BG033092.D (-1993) (-)

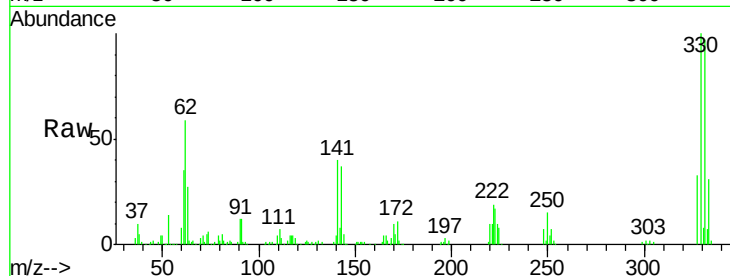




#41
 2,4,6-Tribromophenol
 Concen: 105.840 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033092.D
 Acq: 12 Mar 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	41.4	25.2	37.8#

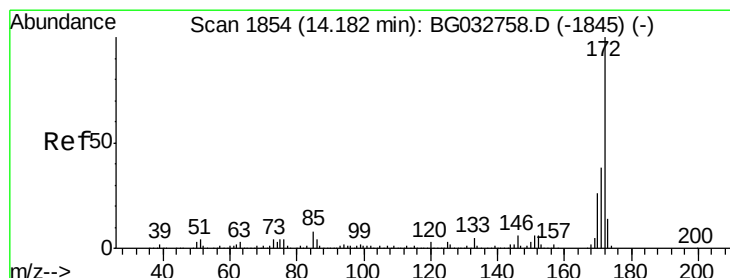
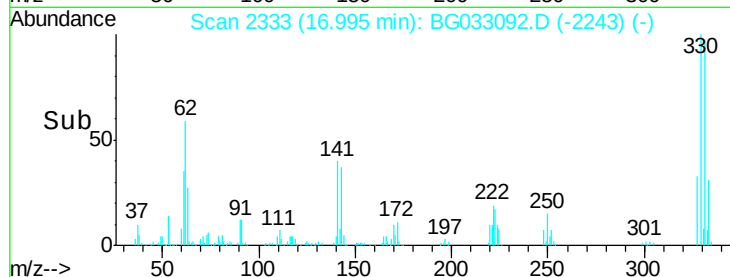
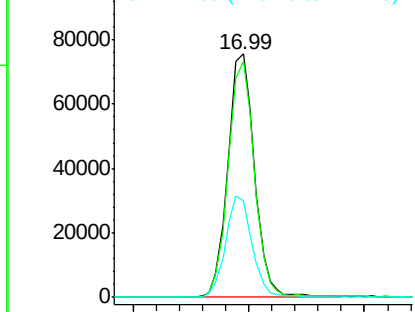


Abundance

Ion 329.80 (329.50 to 330.50): E

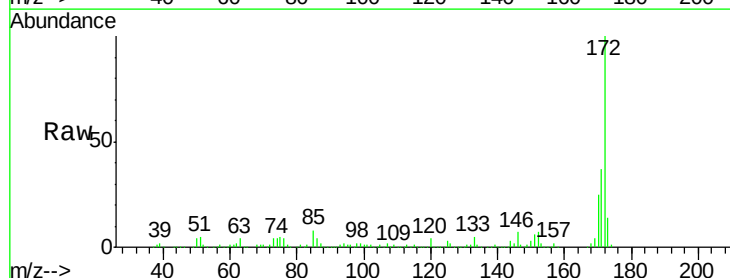
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.101 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033092.D
 Acq: 12 Mar 2018 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.5	19.5	29.3

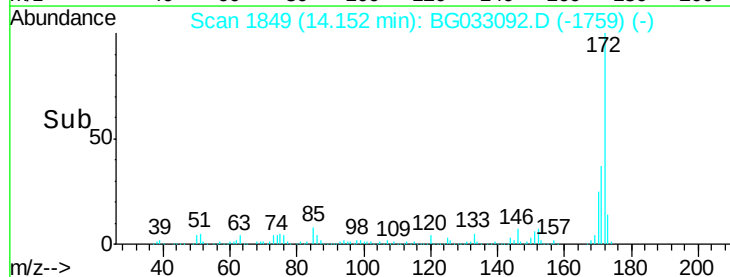
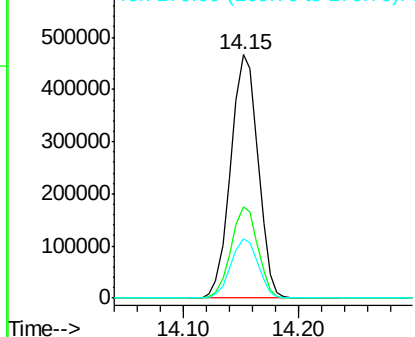


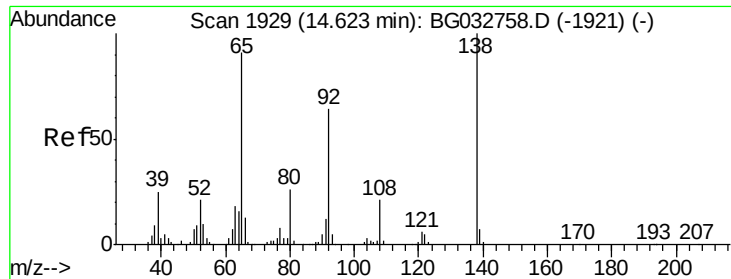
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#47

2-Nitroaniline

Concen: 9.894 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.34 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

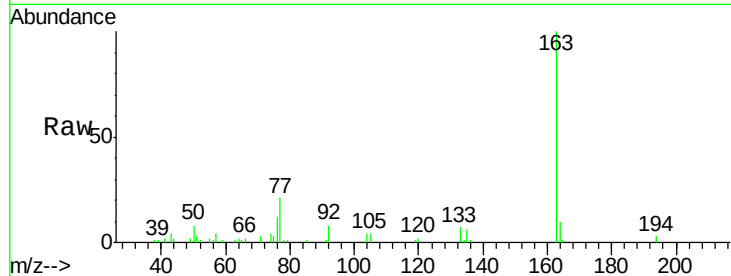
Tot Ion: 65 Resp: 131

Ion Ratio Lower Upper

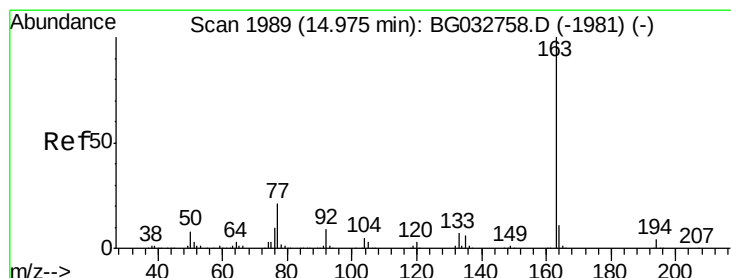
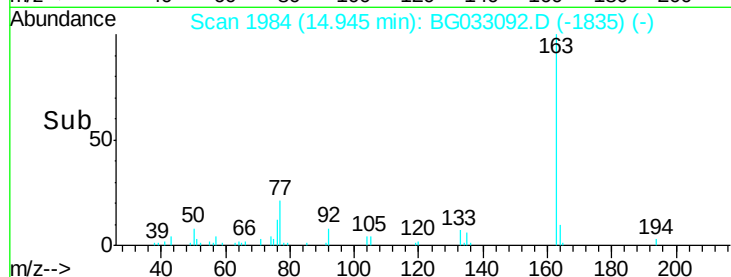
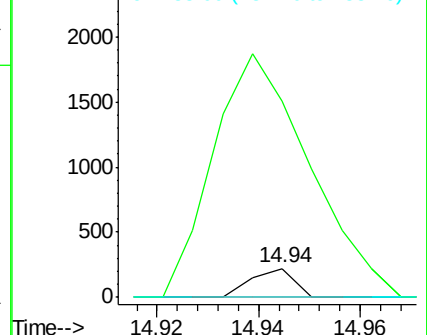
65 100

92 685.0 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



#49

Dimethylphthalate

Concen: 3.187 ng

RT: 14.94 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

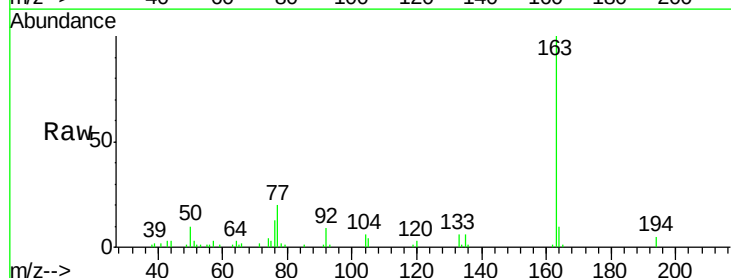
Tgt Ion: 163 Resp: 29456

Ion Ratio Lower Upper

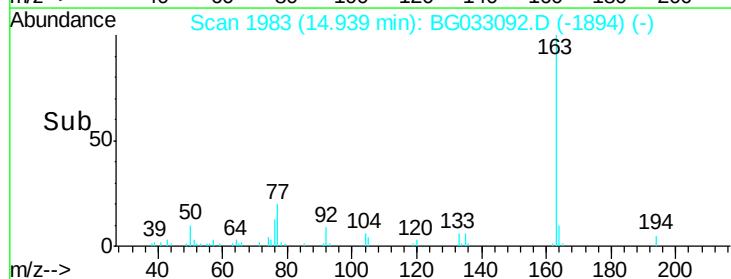
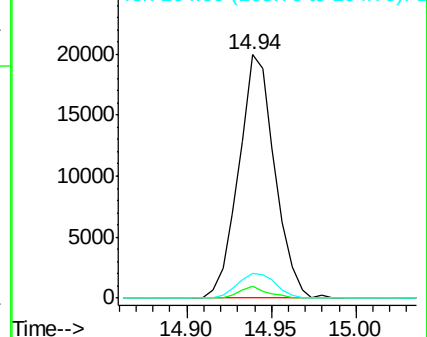
163 100

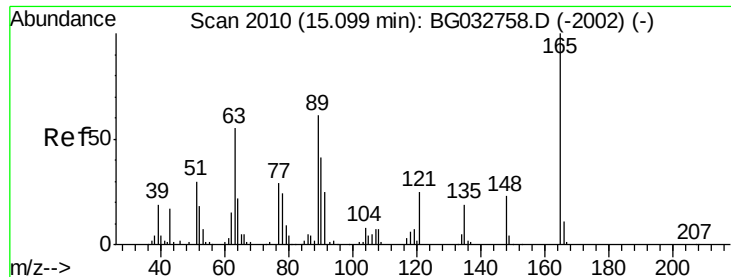
194 4.7 3.4 5.2

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

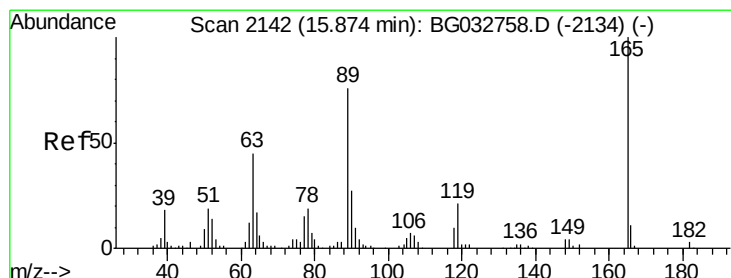
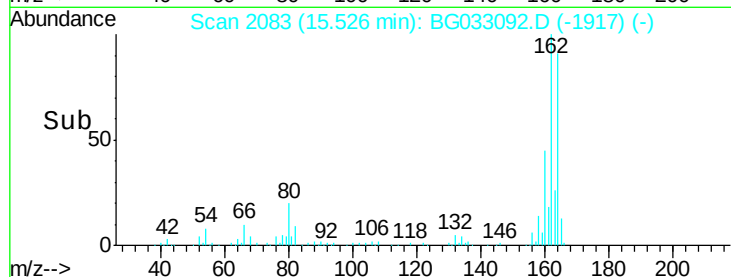
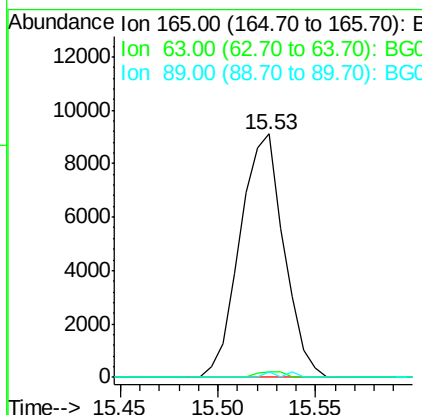
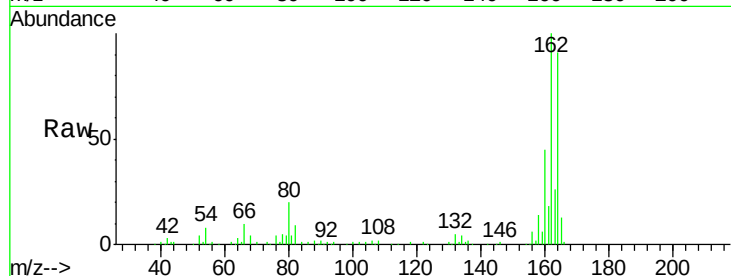




#50
 2,6-Dinitrotoluene
 Concen: 16.443 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.44 min
 Lab File: BG033092.D
 Acq: 12 Mar 2018 16:47

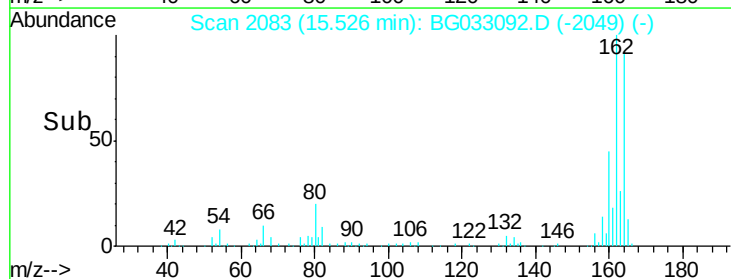
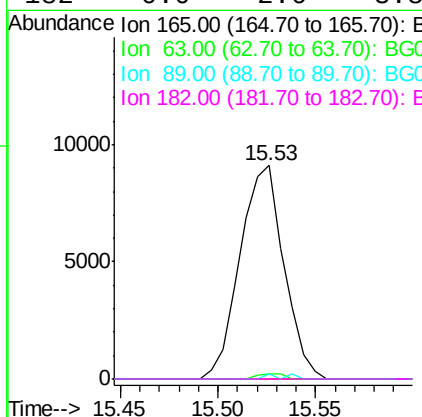
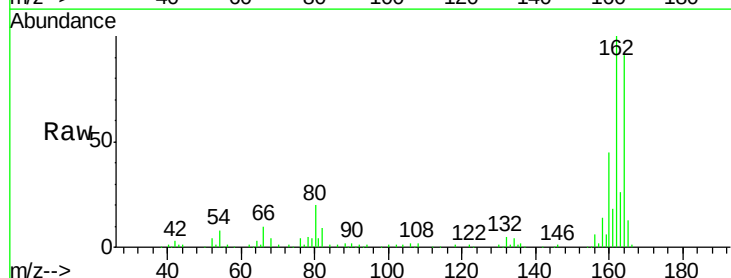
Instrument :
 BNA_G
 ClientSampleId :

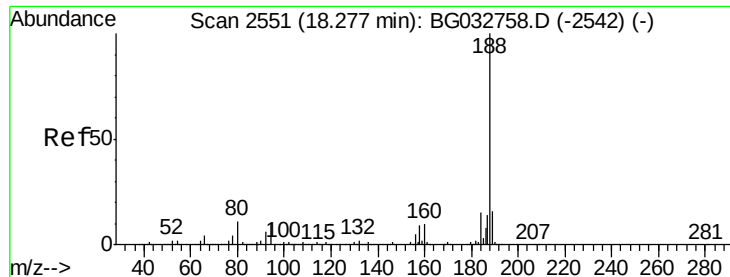
Tot Ion:165 Resp: 14169
 Ion Ratio Lower Upper
 165 100
 63 2.3 52.7 79.1#
 89 2.1 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 14.642 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033092.D
 Acq: 12 Mar 2018 16:47

Tgt Ion:165 Resp: 14169
 Ion Ratio Lower Upper
 165 100
 63 2.3 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#

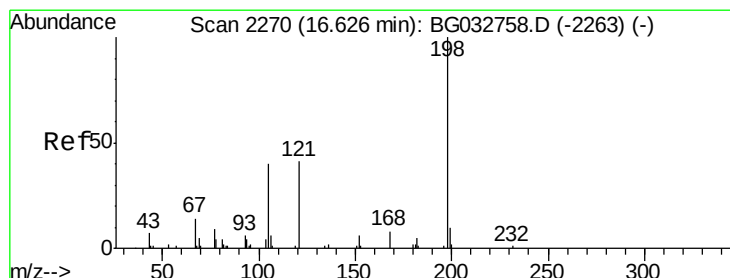
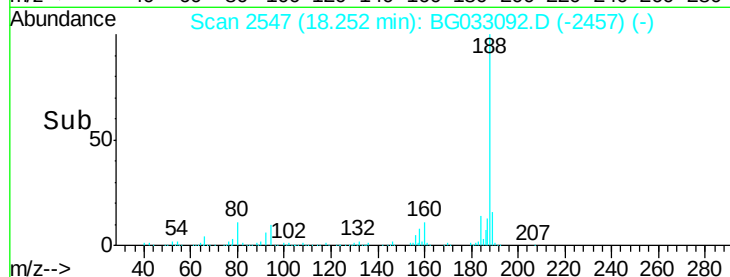
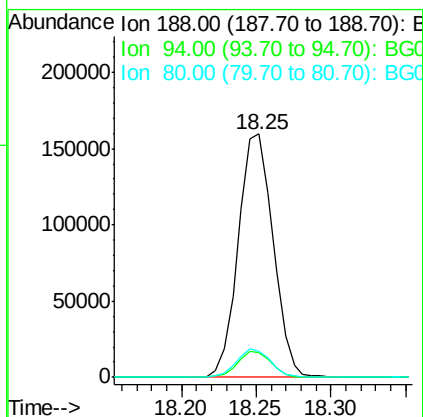
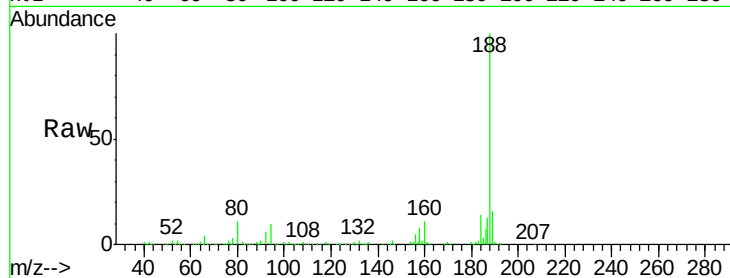




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033092.D
Acq: 12 Mar 2018 16:47

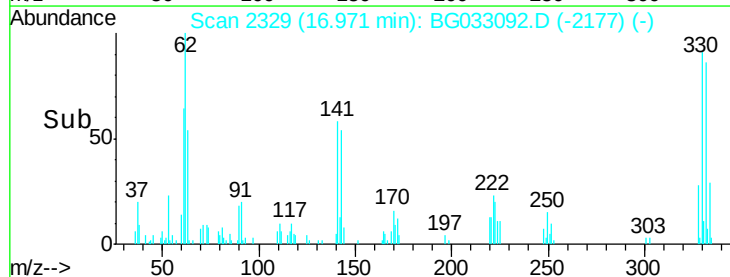
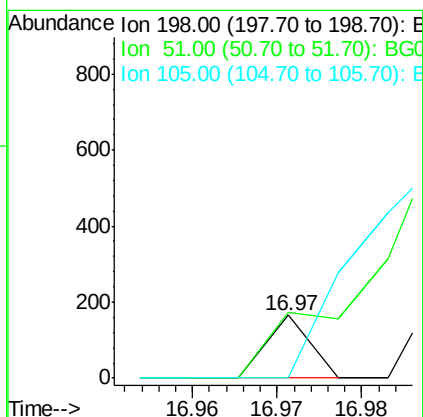
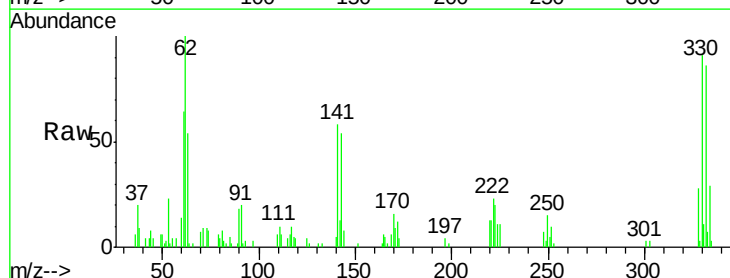
Instrument :
BNA_G
ClientSampleId :

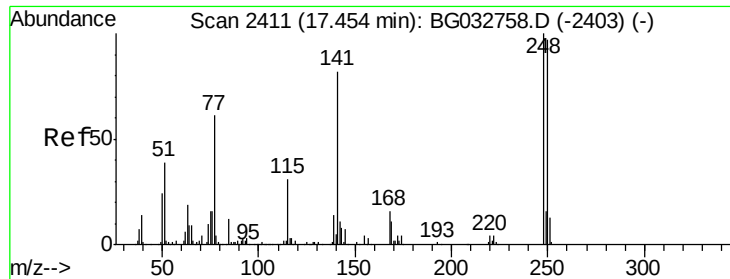
Tot Ion:188 Resp: 258523
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 10.6 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 5.043 ng
RT: 16.97 min Scan# 2329
Delta R.T. 0.36 min
Lab File: BG033092.D
Acq: 12 Mar 2018 16:47

Tgt Ion:198 Resp: 58
Ion Ratio Lower Upper
198 100
51 104.2 30.6 70.6#
105 0.0 23.8 63.8#

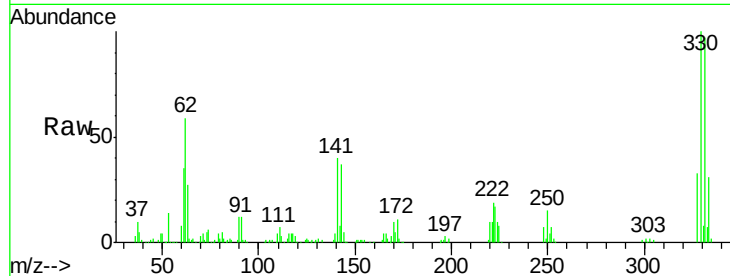




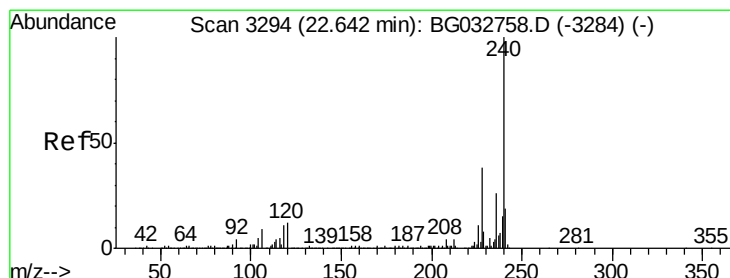
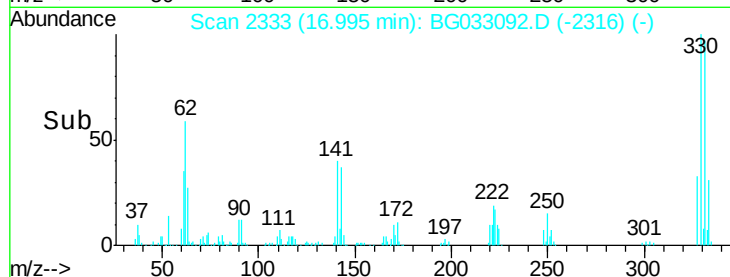
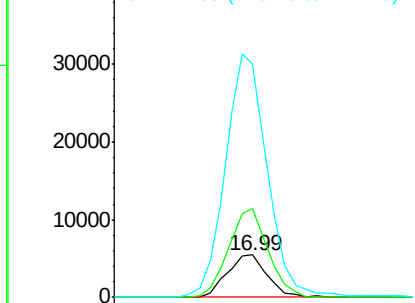
#66
 4-Bromophenyl-phenylether
 Concen: 3.056 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033092.D
 Acq: 12 Mar 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8353
 Ion Ratio Lower Upper
 248 100
 250 207.8 77.1 115.7#
 141 549.3 50.8 76.2#

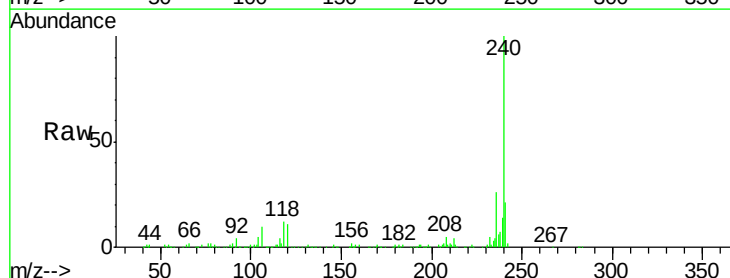


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

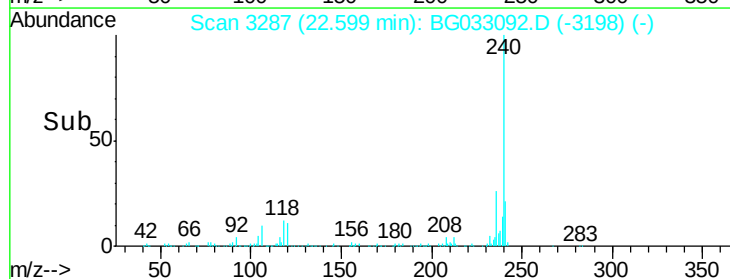
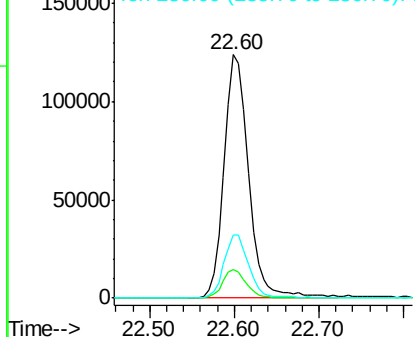


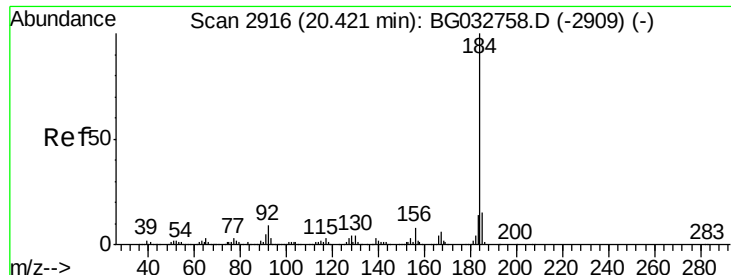
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033092.D
 Acq: 12 Mar 2018 16:47

Tgt Ion:240 Resp: 249821
 Ion Ratio Lower Upper
 240 100
 120 11.5 6.8 10.2#
 236 26.1 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: 2.312 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.36 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

Instrument :

BNA_G

ClientSampleId :

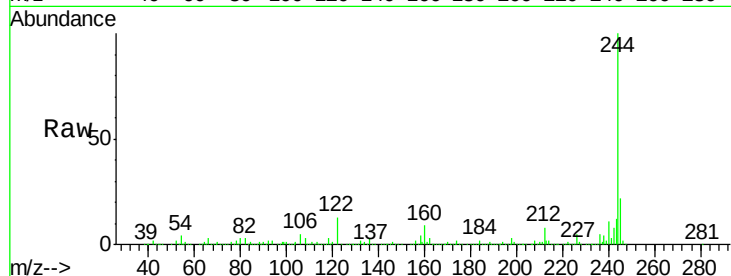
Tot Ion:184 Resp: 19692

Ion Ratio Lower Upper

184 100

185 19.9 11.1 16.7#

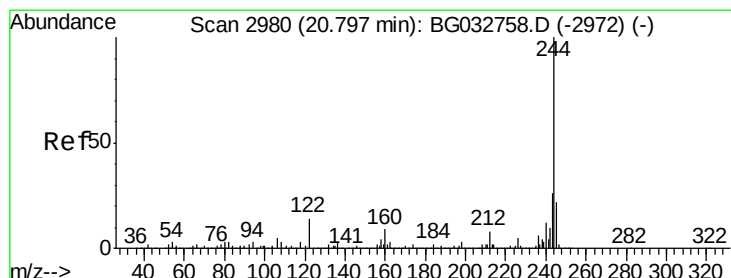
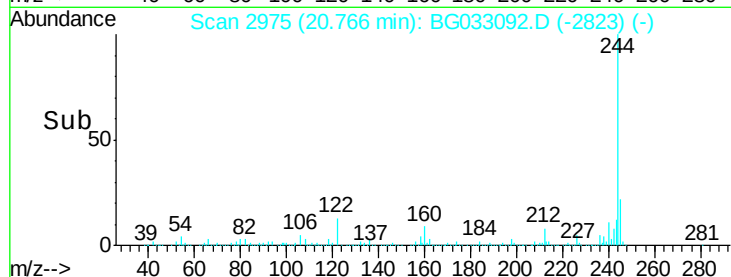
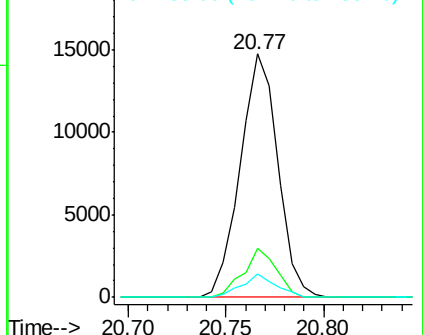
183 9.5 10.6 16.0#



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: 102.504 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033092.D

Acq: 12 Mar 2018 16:47

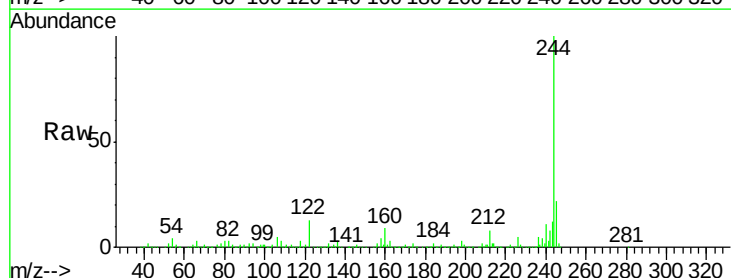
Tgt Ion:244 Resp: 1139770

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

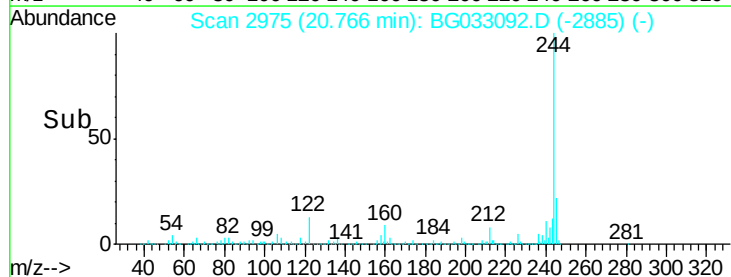
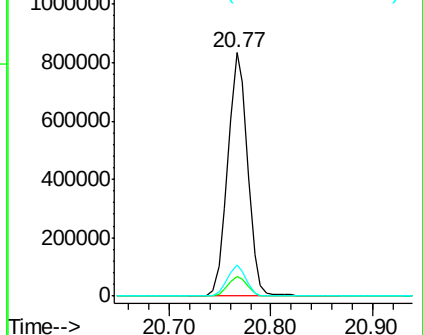
122 12.6 7.0 10.4#

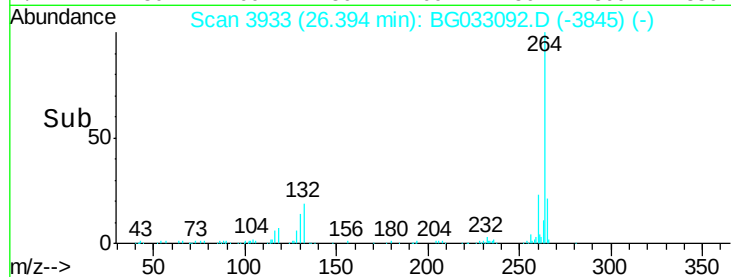
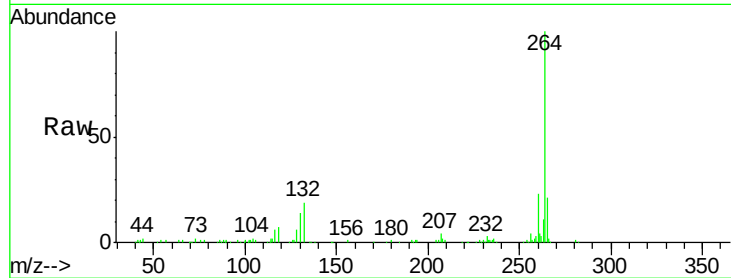
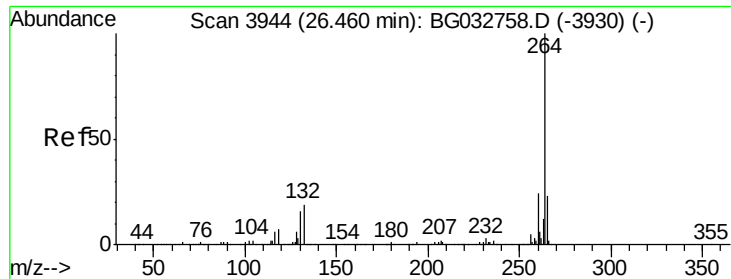


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.39 min Scan# 3933
 Delta R.T. -0.02 min
 Lab File: BG033092.D
 Acq: 12 Mar 2018 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	250086
Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.2	17.7	26.5

