

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032943.D
 Acq On : 2 Mar 2018 8:41
 Operator : SJ/JU
 Sample : J1719-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 10:57:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	64503	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	274685	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	153684	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	343503	20.00	ng	0.00
75) Chrysene-d12	22.62	240	307152	20.00	ng	0.00
86) Perylene-d12	26.44	264	293167	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	494303	122.60	ng	0.00
7) Phenol-d6	8.01	99	599650	106.70	ng	0.00
23) Nitrobenzene-d5	10.12	82	453453	111.11	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	187608	116.10	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1007407	94.54	ng	0.00
78) Terphenyl-d14	20.79	244	1390264	101.69	ng	0.00

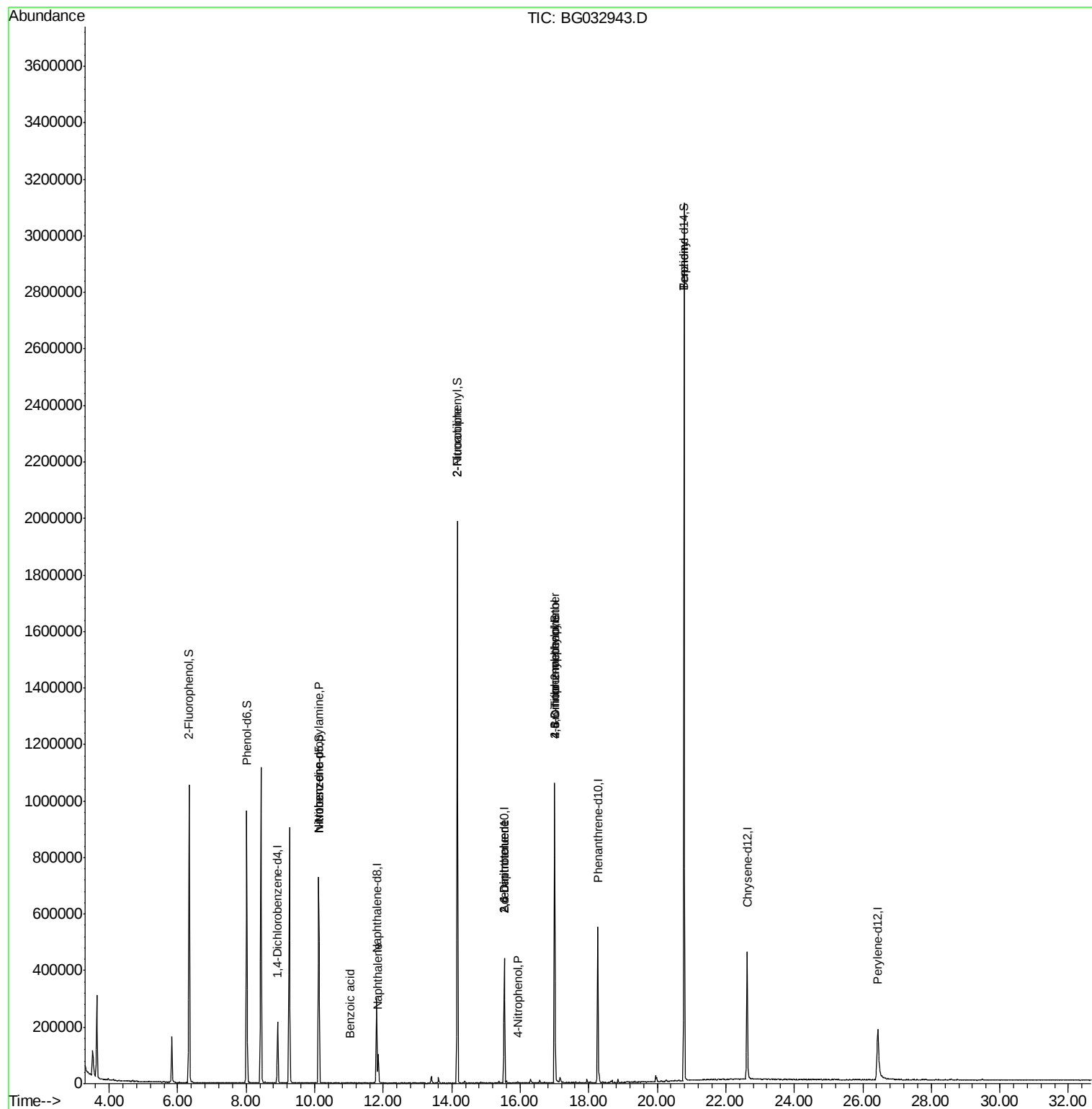
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	59121	14.902	ng	# 81
24) Nitrobenzene	10.12	77	1522	6.682	ng	# 47
31) Naphthalene	11.86	128	90257	6.288	ng	99
32) Benzoic acid	11.04	122	131	5.876	ng	91
47) 2-Nitroaniline	14.16	65	1853	10.418	ng	# 4
50) 2,6-Dinitrotoluene	15.53	165	20377	16.584	ng	# 18
55) 4-Nitrophenol	15.93	139	1101	7.550	ng	# 1
56) 2,4-Dinitrotoluene	15.53	165	20377	14.783	ng	# 16
64) 4,6-Dinitro-2-methylphenol	17.01	198	545	5.623	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	13949	3.840	ng	# 1
76) Benzidine	20.78	184	24552	2.345	ng	# 90

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
Data File : BG032943.D
Acq On : 2 Mar 2018 8:41
Operator : SJ/JU
Sample : J1719-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 02 10:57:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



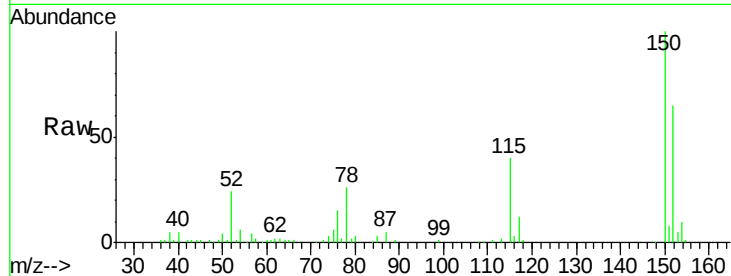


#1

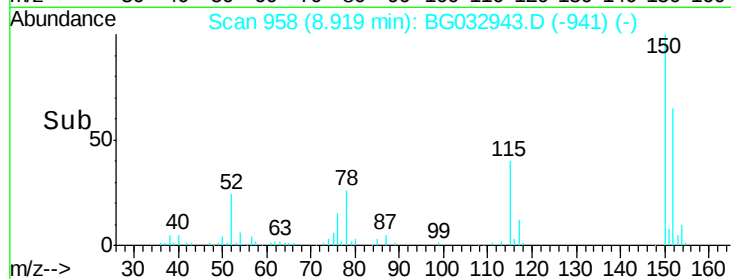
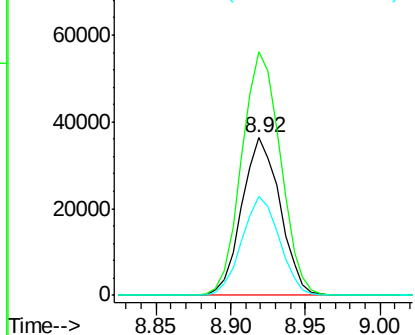
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BG032943.D
 Acq: 2 Mar 2018 8:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 64503
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.6 189.8
 115 62.6 53.0 79.4



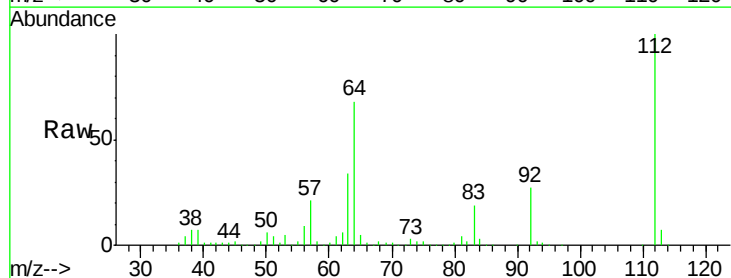
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



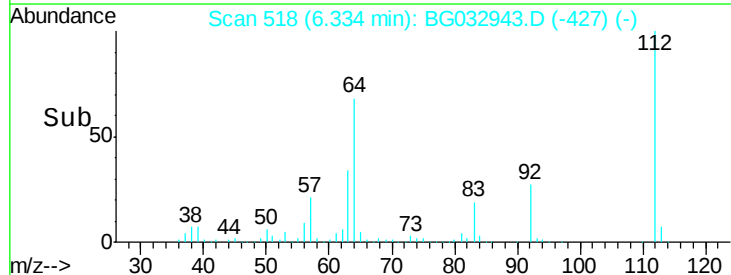
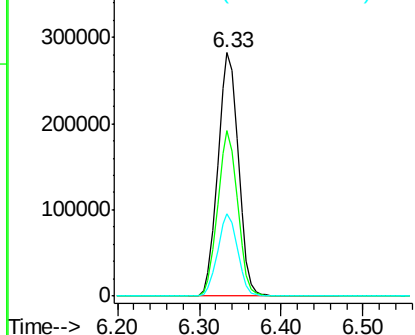
#5

2-Fluorophenol
 Concen: 122.601 ng
 RT: 6.33 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BG032943.D
 Acq: 2 Mar 2018 8:41

Tgt Ion:112 Resp: 494303
 Ion Ratio Lower Upper
 112 100
 64 67.7 56.3 84.5
 63 33.6 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: 106.704 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

Instrument :

BNA_G

ClientSampleId :

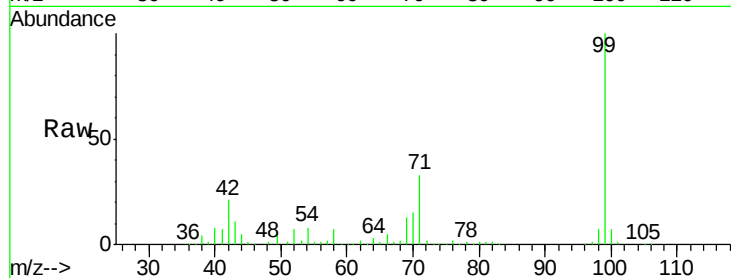
Tot Ion: 99 Resp: 599650

Ion Ratio Lower Upper

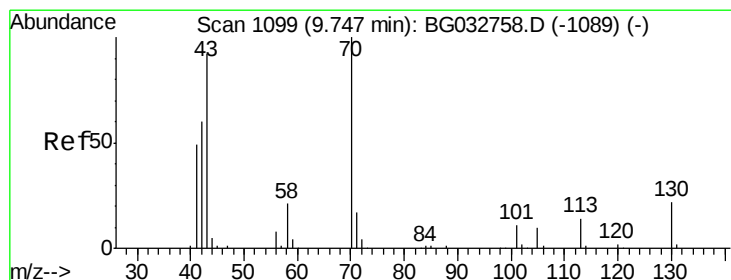
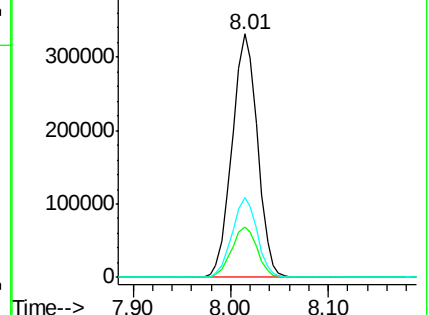
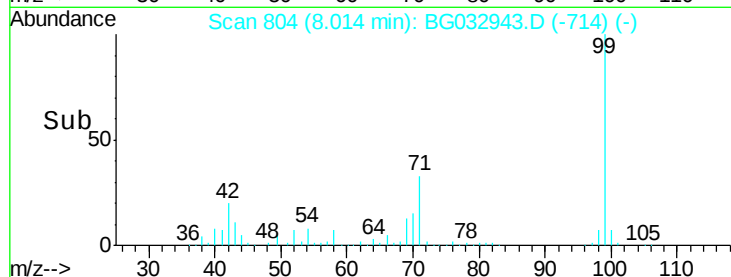
99 100

42 20.5 14.1 21.1

71 32.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.902 ng

RT: 10.12 min Scan# 1162

Delta R.T. 0.39 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

Tgt Ion: 70 Resp: 59121

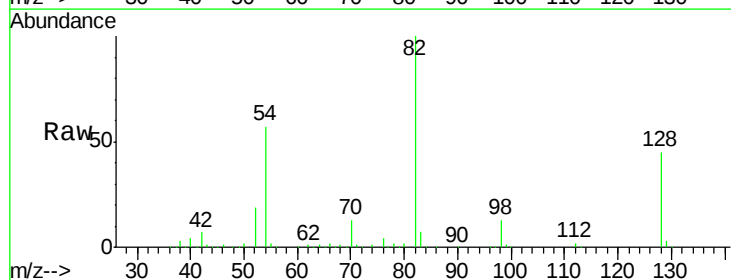
Ion Ratio Lower Upper

70 100

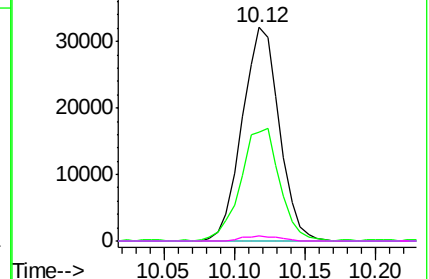
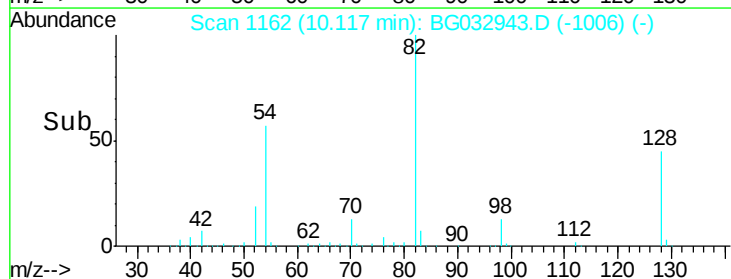
42 51.0 49.1 73.7

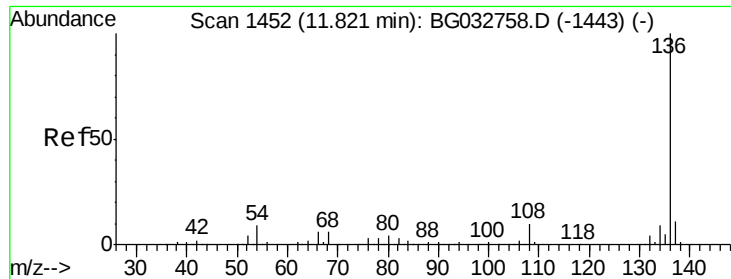
101 0.0 8.5 12.7#

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

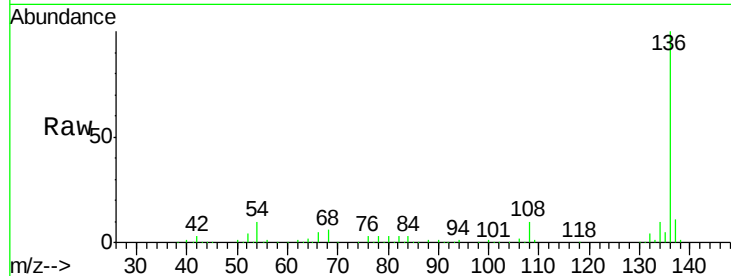




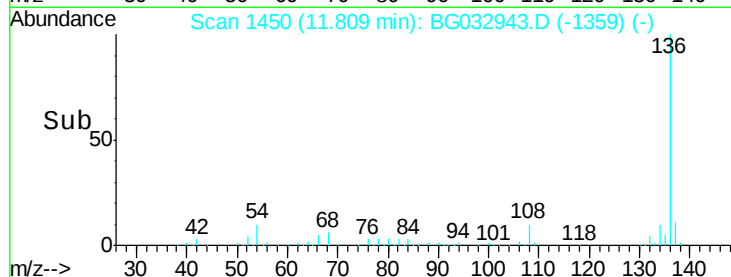
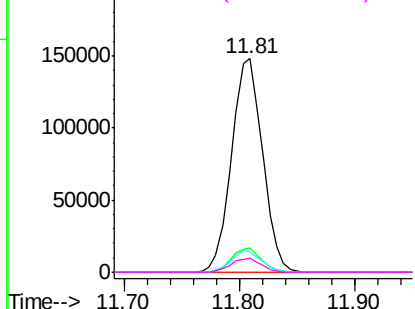
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032943.D
Acq: 2 Mar 2018 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	274685
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.8	10.3 15.5#
68	6.5	4.5 6.7

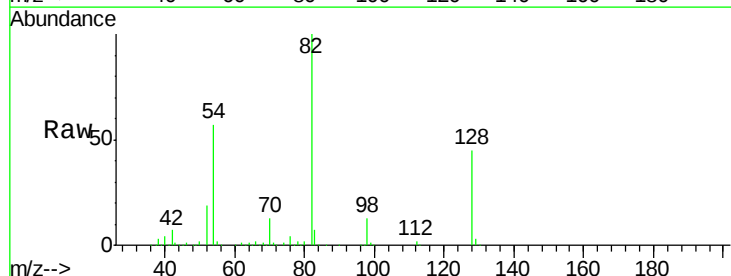


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

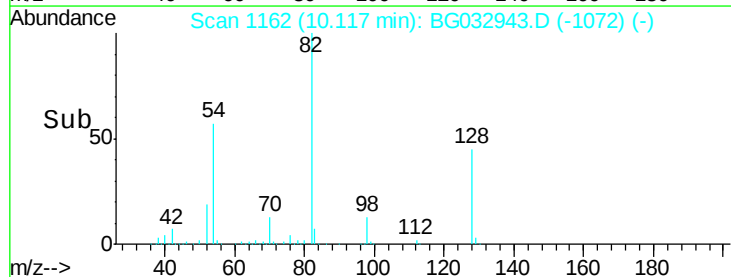
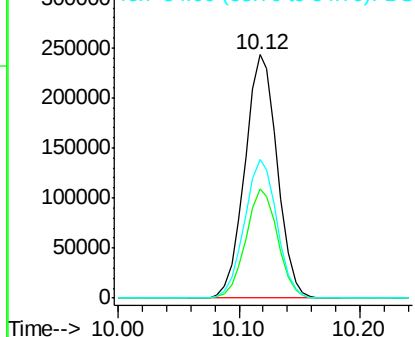


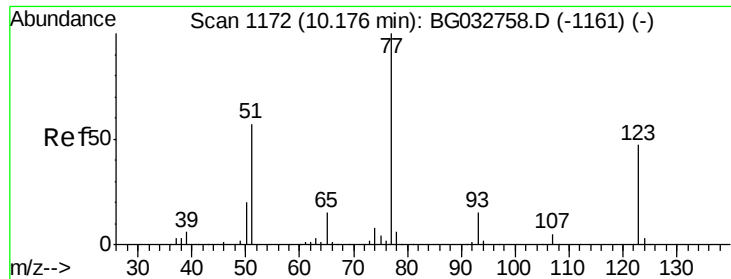
#23
Nitrobenzene-d5
Concen: 111.111 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032943.D
Acq: 2 Mar 2018 8:41

Tgt Ion: 82	Resp:	453453
Ion Ratio	Lower	Upper
82	100	
128	45.0	29.7 44.5#
54	56.8	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





#24

Nitrobenzene

Concen: 6.682 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.04 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

Instrument :

BNA_G

ClientSampleId :

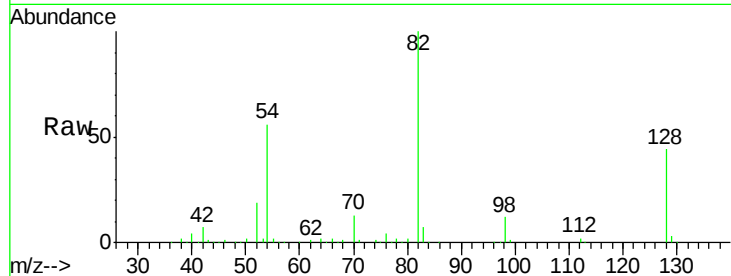
Tot Ion: 77 Resp: 1522

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

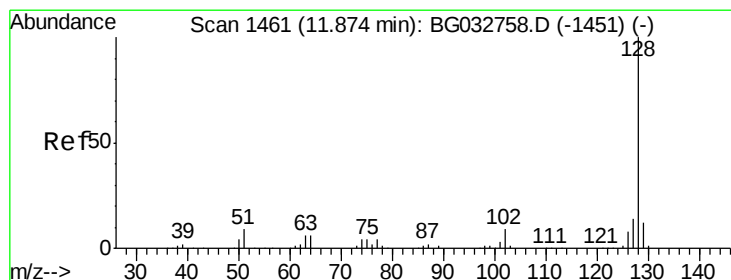
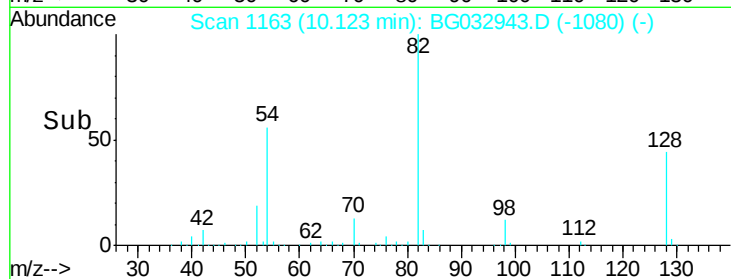
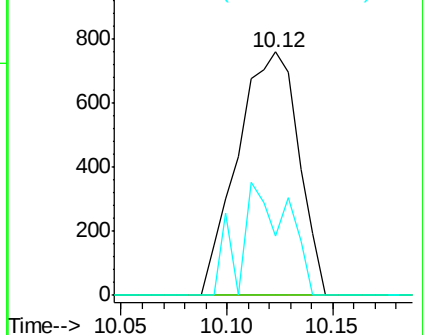
65 24.3 13.0 19.6#



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



#31

Naphthalene

Concen: 6.288 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

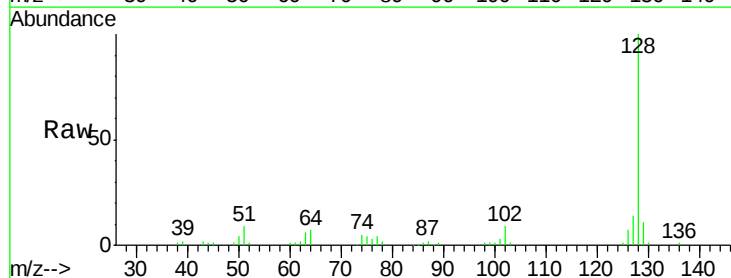
Tgt Ion: 128 Resp: 90257

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

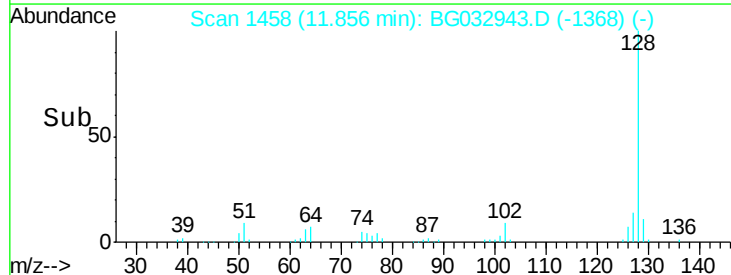
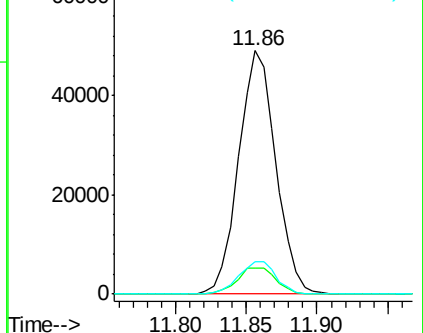
127 13.6 11.6 17.4

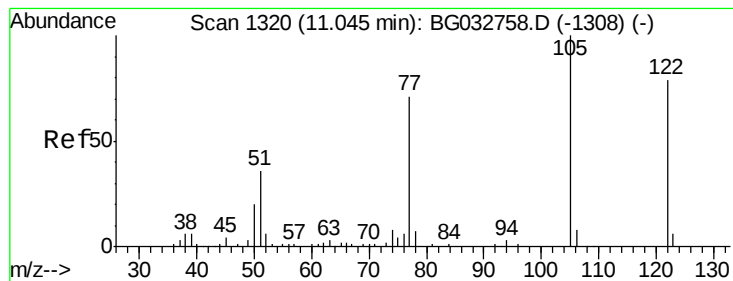


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#32

Benzoic acid

Concen: 5.876 ng

RT: 11.04 min Scan# 1319

Delta R.T. 0.02 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

Instrument :

BNA_G

ClientSampleId :

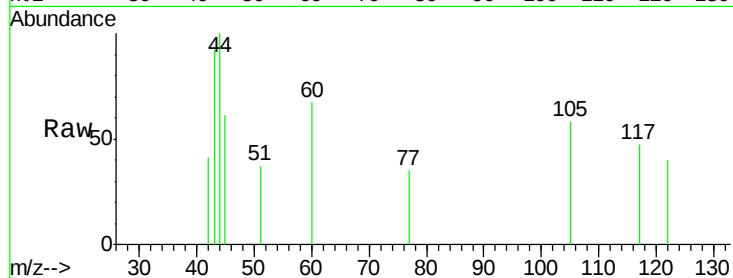
Tot Ion:122 Resp: 131

Ion Ratio Lower Upper

122 100

105 146.2 123.5 163.5

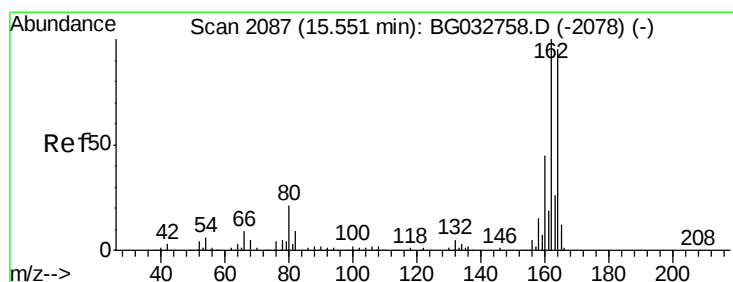
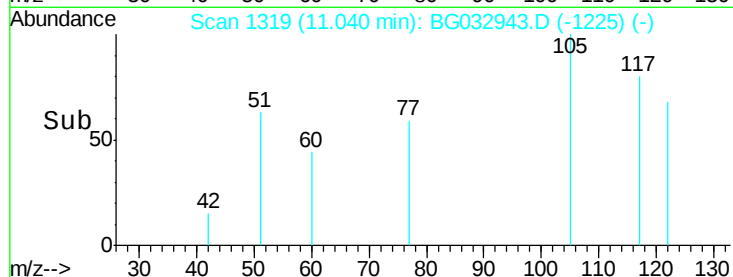
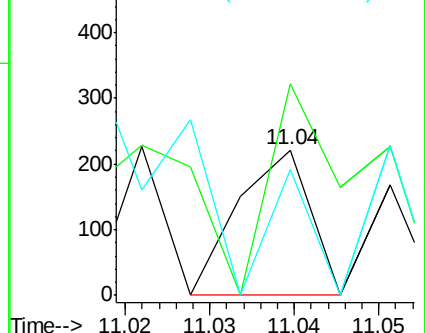
77 86.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

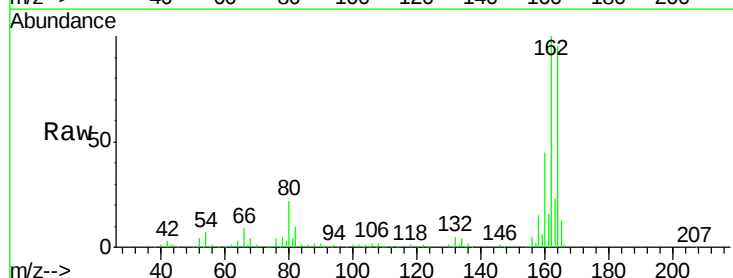
Tgt Ion:164 Resp: 153684

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

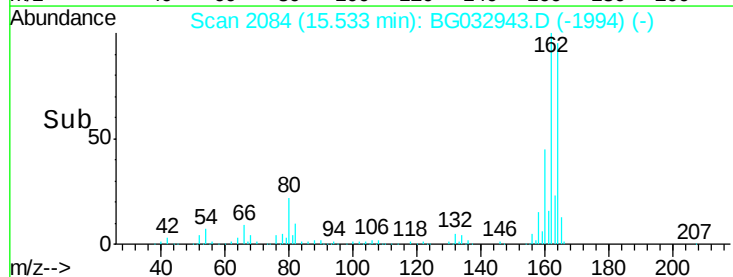
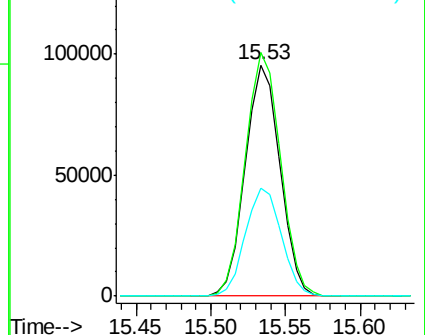
160 47.0 35.4 53.0

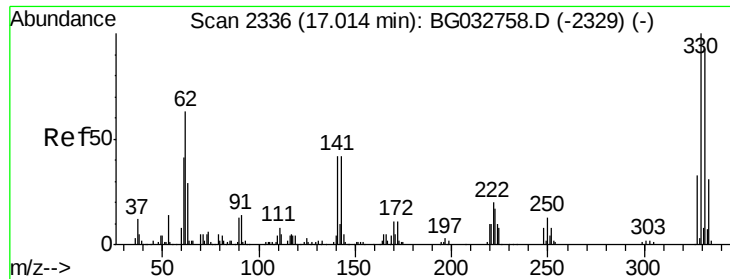


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

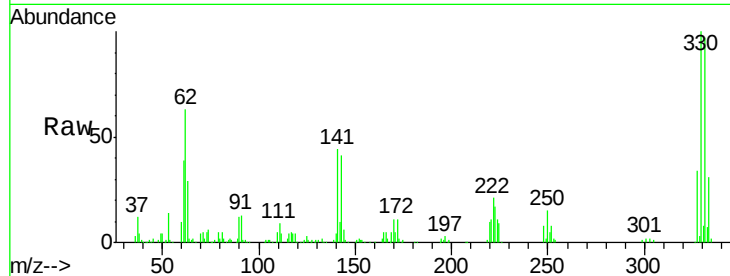




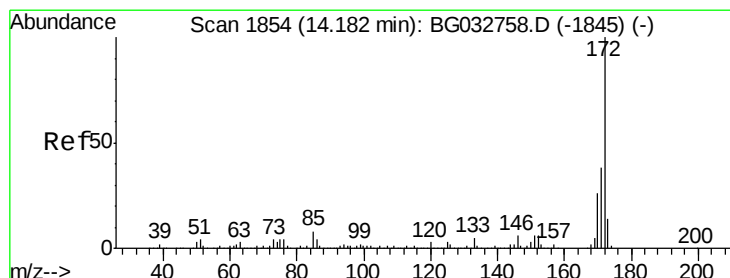
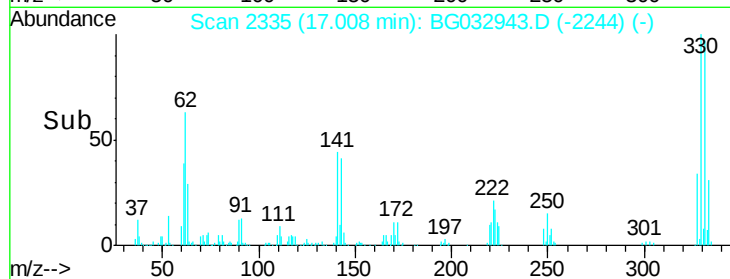
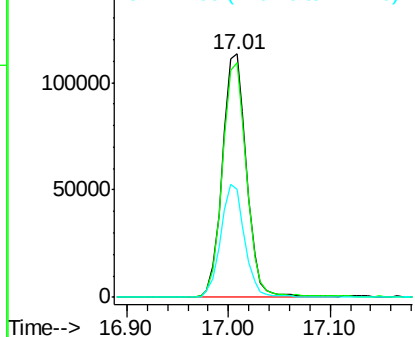
#41
 2,4,6-Tribromophenol
 Concen: 116.099 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032943.D
 Acq: 2 Mar 2018 8:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 187608
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 45.9 25.2 37.8#

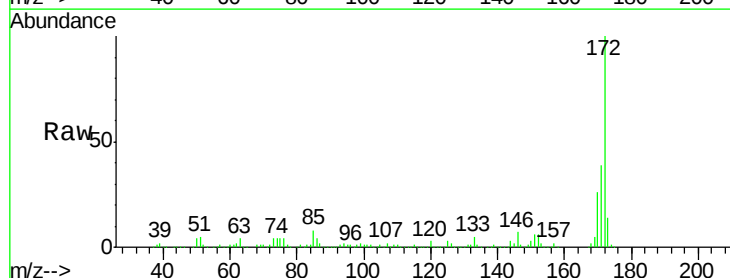


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

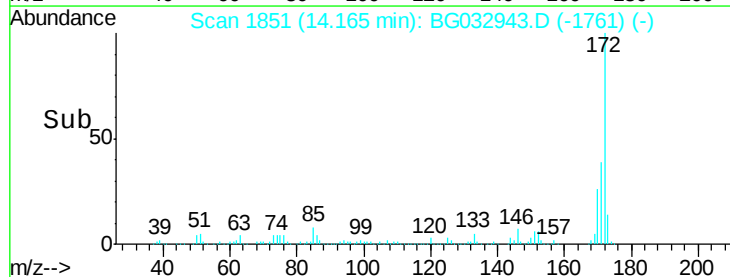
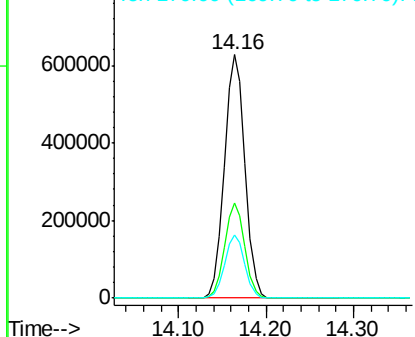


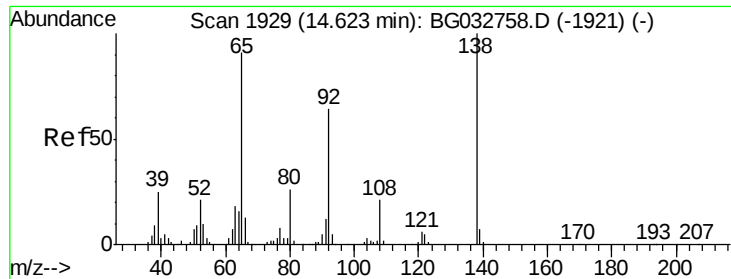
#44
 2-Fluorobiphenyl
 Concen: 94.540 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032943.D
 Acq: 2 Mar 2018 8:41

Tgt Ion:172 Resp: 1007407
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 26.1 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

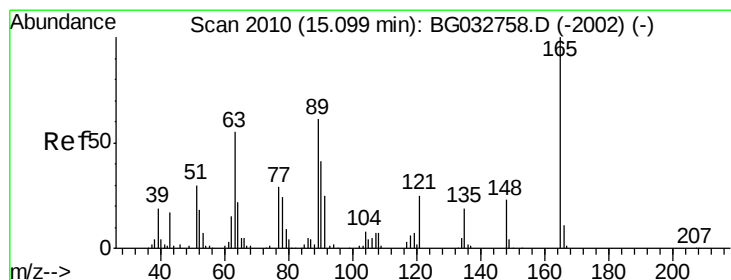
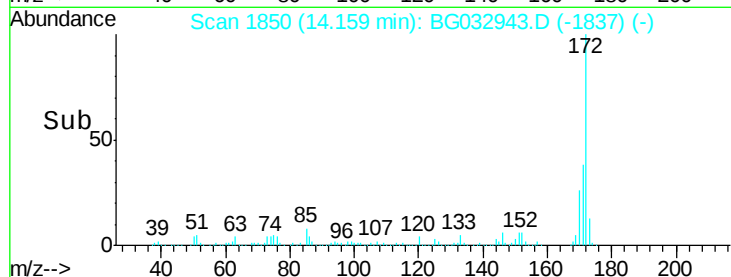
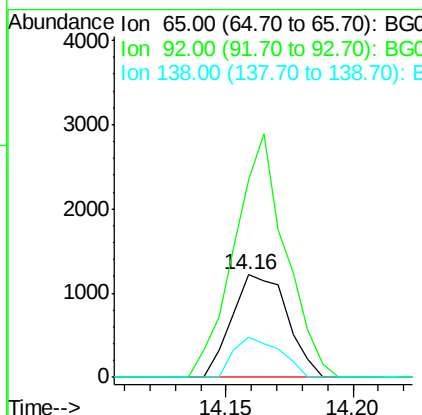
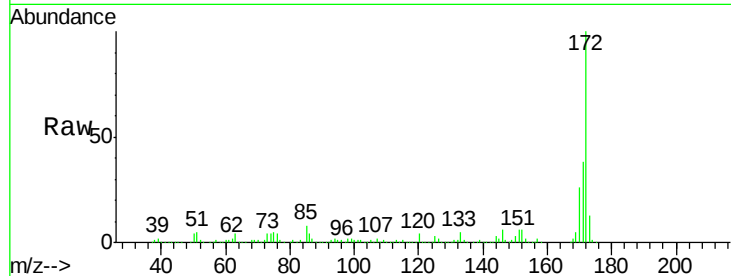




#47
2-Nitroaniline
Concen: 10.418 ng
RT: 14.16 min Scan# 1850
Delta R.T. -0.45 min
Lab File: BG032943.D
Acq: 2 Mar 2018 8:41

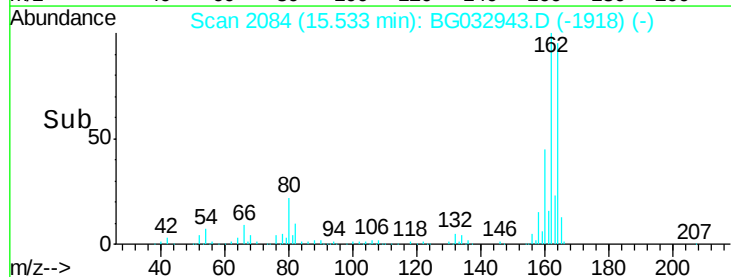
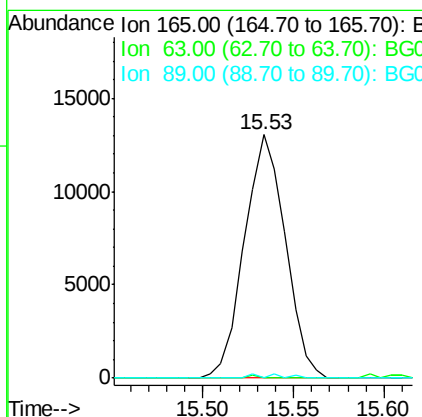
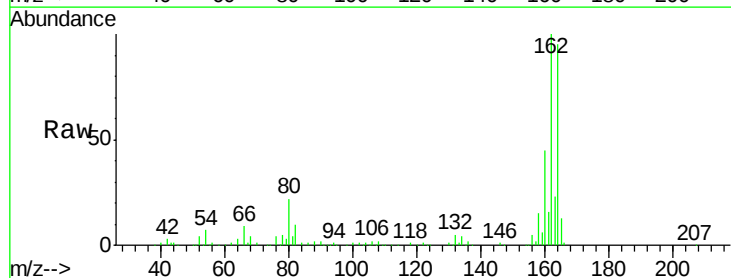
Instrument :
BNA_G
ClientSampleId :

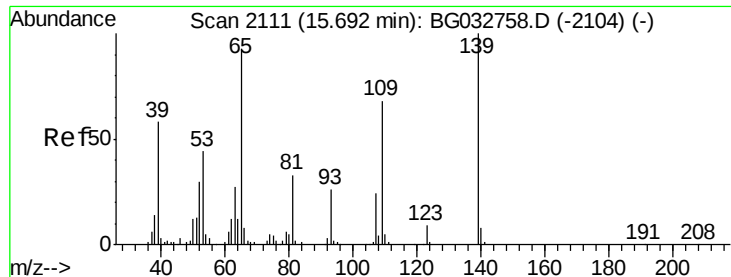
Tot Ion: 65 Resp: 1853
Ion Ratio Lower Upper
65 100
92 192.0 54.6 82.0#
138 39.6 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.584 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.44 min
Lab File: BG032943.D
Acq: 2 Mar 2018 8:41

Tgt Ion:165 Resp: 20377
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#





#55

4-Nitrophenol

Concen: 7.550 ng

RT: 15.93 min Scan# 2151

Delta R.T. 0.24 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

Instrument :

BNA_G

ClientSampled :

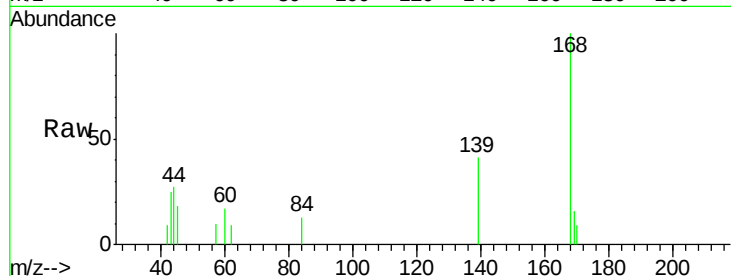
Tot Ion:139 Resp: 1101

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

65 0.0 97.2 137.2#

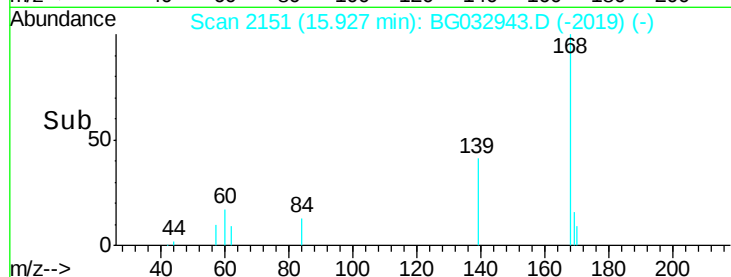


Abundance Ion 139.00 (138.70 to 139.70): E

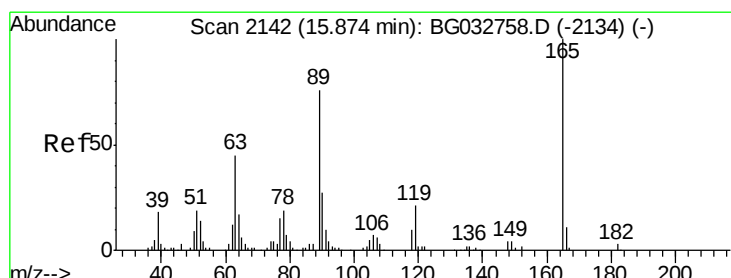
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 14.783 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.32 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

Tgt Ion:165 Resp: 20377

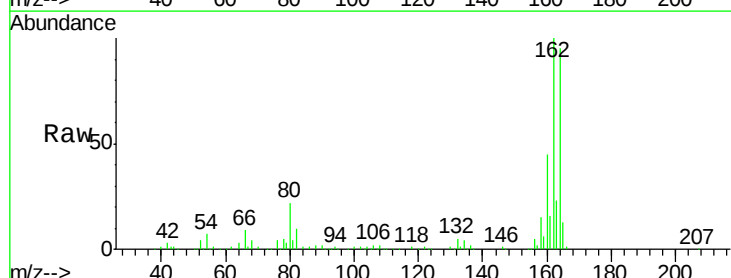
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#



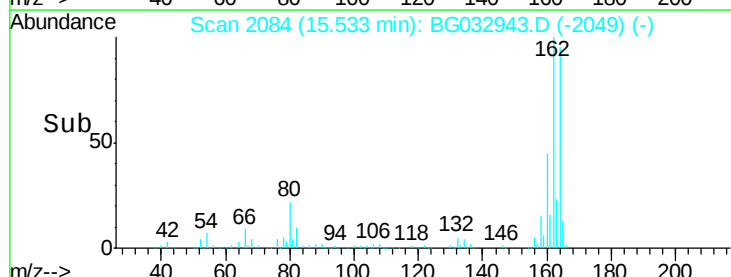
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

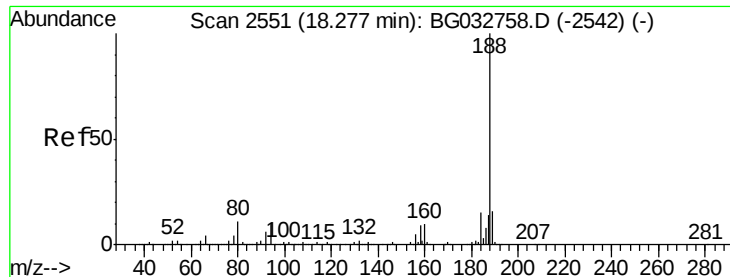
Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

Instrument :

BNA_G

ClientSampled :

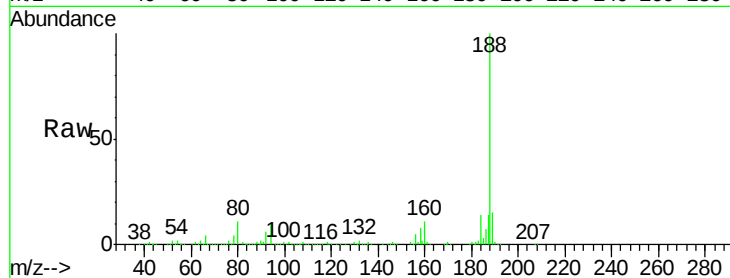
Tot Ion:188 Resp: 343503

Ion Ratio Lower Upper

188 100

94 9.8 6.9 10.3

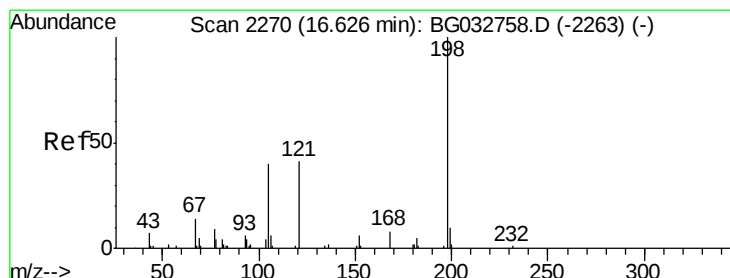
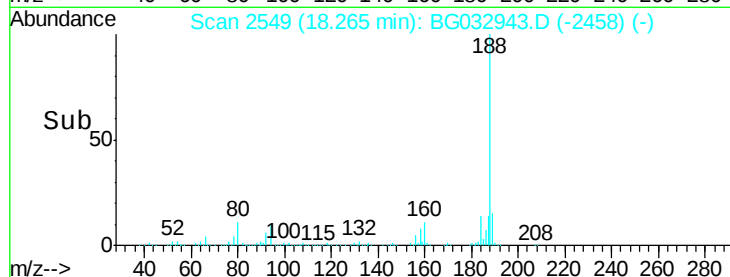
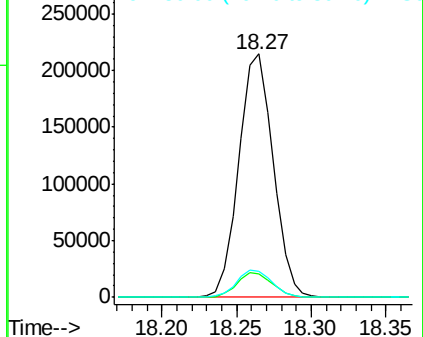
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 5.623 ng

RT: 17.01 min Scan# 2335

Delta R.T. 0.39 min

Lab File: BG032943.D

Acq: 2 Mar 2018 8:41

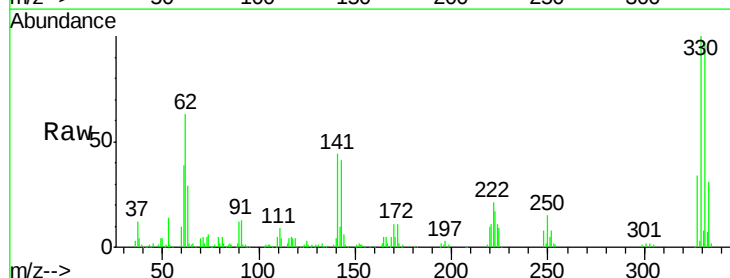
Tgt Ion:198 Resp: 545

Ion Ratio Lower Upper

198 100

51 108.3 30.6 70.6#

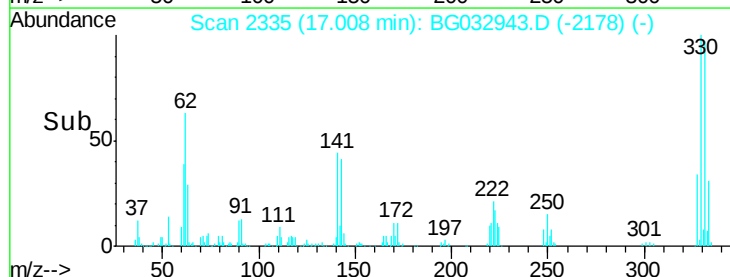
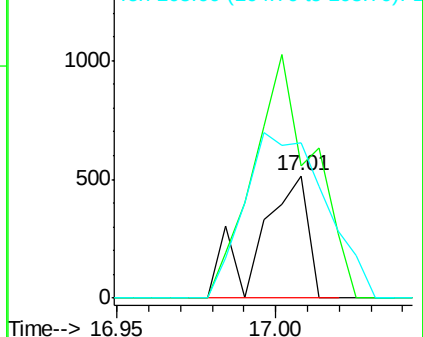
105 126.7 23.8 63.8#

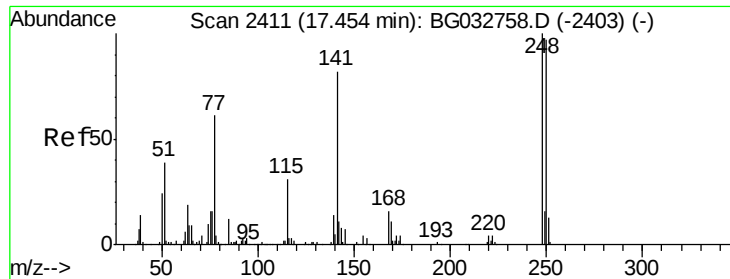


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

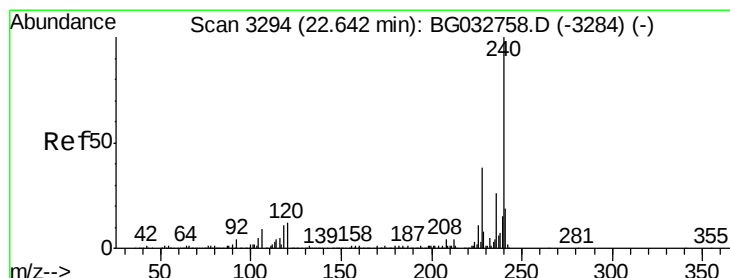
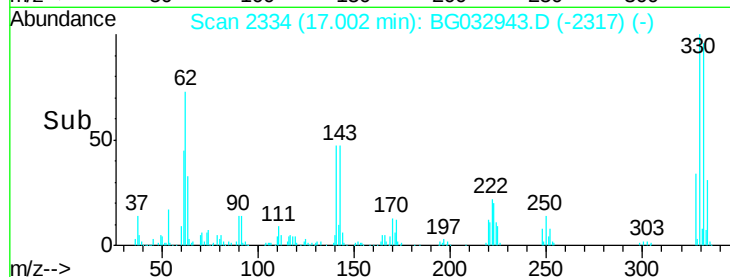
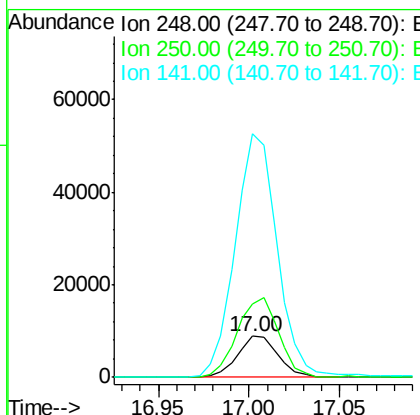
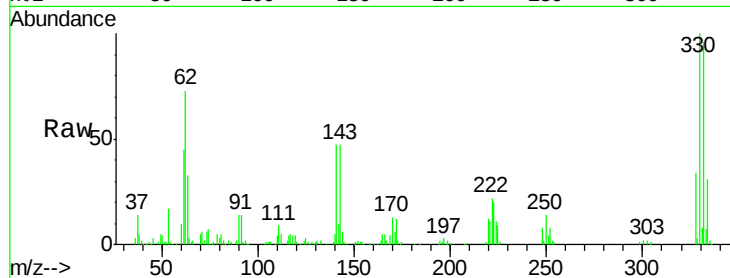




#66
4-Bromophenyl-phenylether
Concen: 3.840 ng
RT: 17.00 min Scan# 2334
Delta R.T. -0.43 min
Lab File: BG032943.D
Acq: 2 Mar 2018 8:41

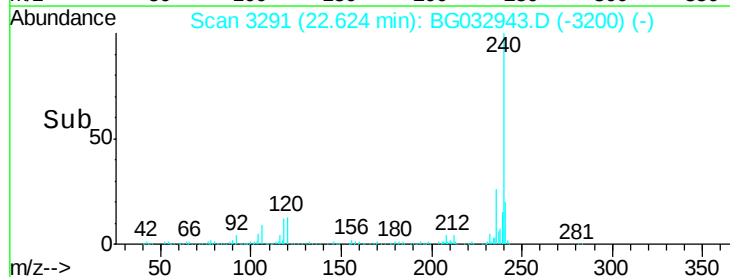
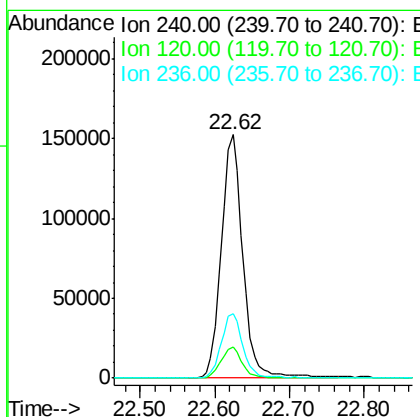
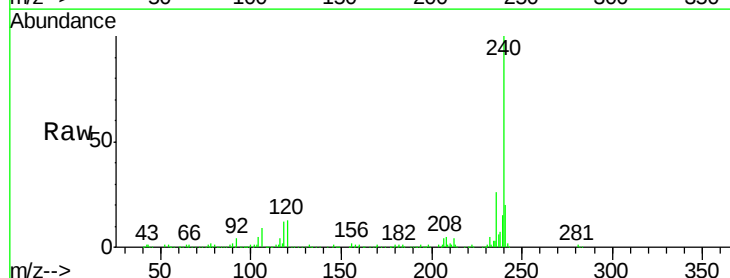
Instrument :
BNA_G
ClientSampleId :

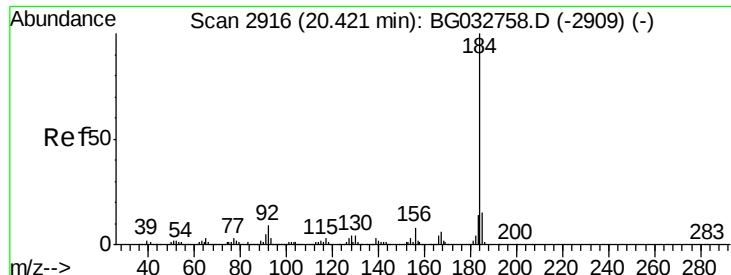
Tot Ion:248 Resp: 13949
Ion Ratio Lower Upper
248 100
250 177.0 77.1 115.7#
141 592.0 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BG032943.D
Acq: 2 Mar 2018 8:41

Tgt Ion:240 Resp: 307152
Ion Ratio Lower Upper
240 100
120 12.6 6.8 10.2#
236 26.3 20.9 31.3

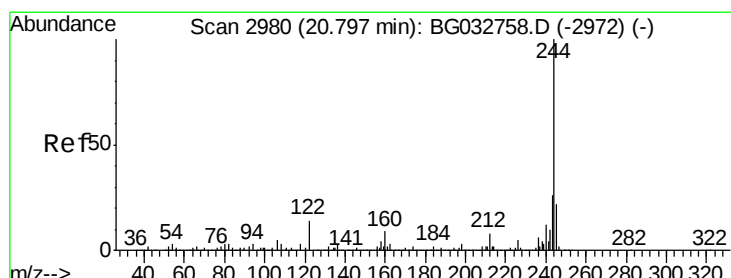
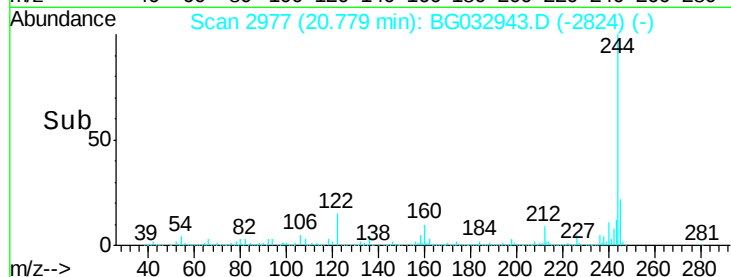
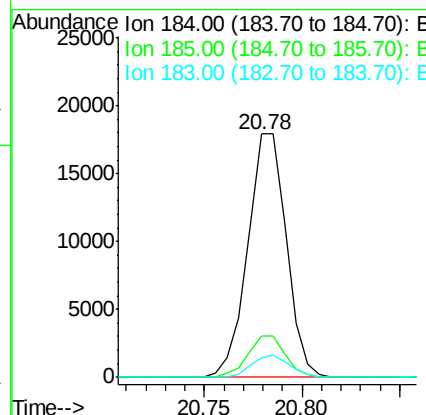
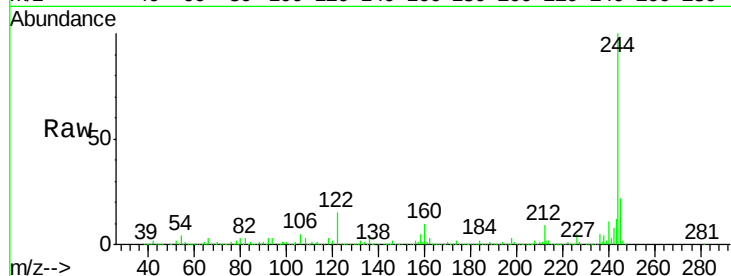




#76
Benzidine
Concen: 2.345 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.37 min
Lab File: BG032943.D
Acq: 2 Mar 2018 8:41

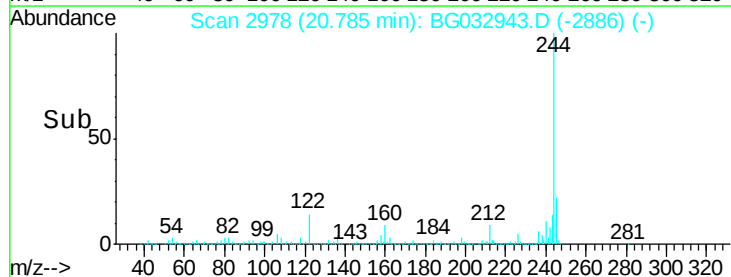
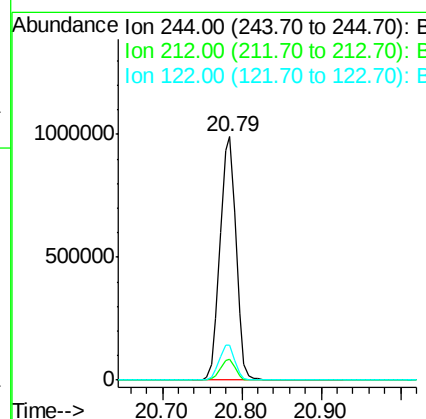
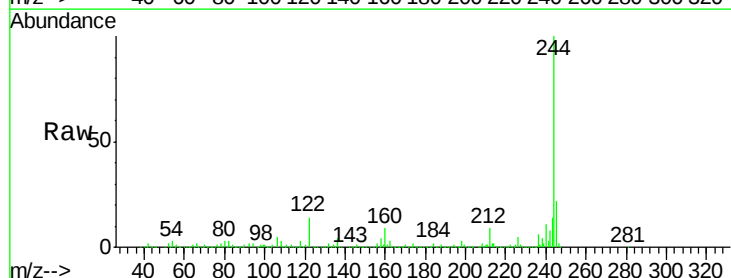
Instrument :
BNA_G
ClientSampleId :

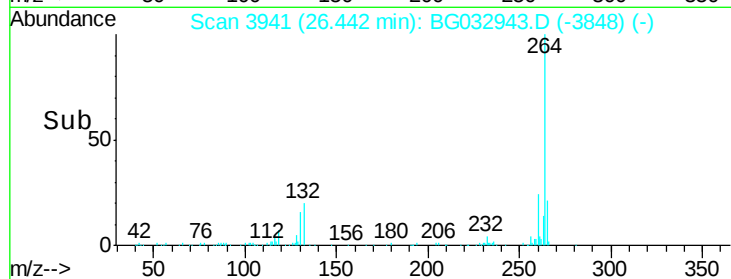
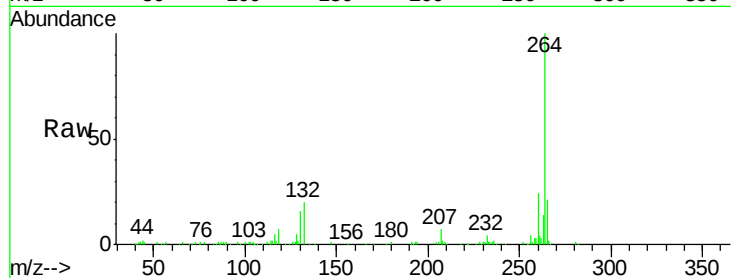
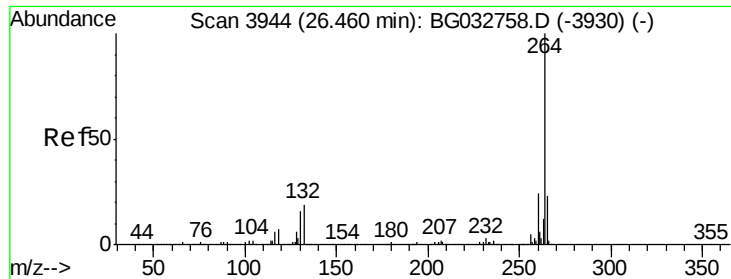
Tot Ion:184 Resp: 24552
Ion Ratio Lower Upper
184 100
185 16.7 11.1 16.7#
183 8.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 101.694 ng
RT: 20.79 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BG032943.D
Acq: 2 Mar 2018 8:41

Tgt Ion:244 Resp: 1390264
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 14.1 7.0 10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.44 min Scan# 3941
 Delta R.T. 0.02 min
 Lab File: BG032943.D
 Acq: 2 Mar 2018 8:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	20.9	17.7	26.5

