

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032903.D
 Acq On : 1 Mar 2018 00:52
 Operator : SJ/JU
 Sample : PB106927BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106927BS

Quant Time: Mar 01 02:48:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-8.93
21) Naphthalene-d8	11.43	136	1510	20.00	ng	-0.38
38) Acenaphthene-d10	14.96	164	68345	20.00	ng	-0.58
63) Phenanthrene-d10	17.56	188	2022	20.00	ng	-0.70
75) Chrysene-d12	21.53	240	270	20.00	ng	-1.10
86) Perylene-d12	0.00	264	0	0.00	ng	-26.44

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	795560	0.00	ng	0.00
7) Phenol-d6	8.02	99	1062468	0.00	ng	0.00
23) Nitrobenzene-d5	10.05	82	20903	858.52	ng	-0.07
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
22) Acetophenone	9.76	105	340289	8923.305	ng	# 96
24) Nitrobenzene	10.16	77	253296	9126.824	ng	# 91
25) Isophorone	10.12	82	606194	11437.611	ng	# 69
26) 2-Nitrophenol	10.89	139	120823	1457.595	ng	# 93
27) 2,4-Dimethylphenol	10.92	122	265767	11543.112	ng	# 89
28) bis(2-Chloroethoxy)methane	11.16	93	313622	10157.578	ng	# 95
29) 2,4-Dichlorophenol	11.43	162	229433	10979.579	ng	# 95
30) 1,2,4-Trichlorobenzene	11.66	180	217661	8885.980	ng	# 97
31) Naphthalene	11.86	128	733047	9290.470	ng	# 99
32) Benzoic acid	10.92	122	265767	1509.898	ng	# 5
33) 4-Chloroaniline	11.94	127	103412	2931.198	ng	# 94
34) Hexachlorobutadiene	12.12	225	117794	8573.306	ng	# 98
35) Caprolactam	12.70	113	86561	10345.341	ng	# 86
36) 4-Chloro-3-methylphenol	13.01	107	264793	10889.097	ng	# 90
37) 2-Methylnaphthalene	13.41	142	536962	9406.404	ng	# 93
43) 2,4,5-Trichlorophenol	13.98	196	171725	115.966	ng	# 89
46) 2-Chloronaphthalene	13.98	162	16953	3.800	ng	# 58
47) 2-Nitroaniline	14.05	65	1474	10.877	ng	# 9
49) Dimethylnaphthalate	14.43	163	59999	10.339	ng	# 1
50) 2,6-Dinitrotoluene	14.43	165	18415	24.516	ng	# 1
52) 3-Nitroaniline	14.62	138	180369	135.480	ng	# 49
54) Dibenzofuran	15.20	168	64437	9.948	ng	# 52
55) 4-Nitrophenol	14.89	139	456	7.518	ng	# 1
56) 2,4-Dinitrotoluene	15.09	165	143647	99.577	ng	# 79
57) Fluorene	15.87	166	18069	3.380	ng	# 1
61) 4-Nitroaniline	15.93	138	15407	16.209	ng	# 20
62) Azobenzene	16.30	77	30133	5.503	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.05	198	9565	425.839	ng	# 35
65) n-Nitrosodiphenylamine	16.55	169	34411	523.134	ng	# 93
66) 4-Bromophenyl-phenylether	17.01	248	24728	1156.568	ng	# 1
68) Atrazine	17.01	200	61	2.817	ng	# 1
70) Phenanthrene	17.56	178	1874	16.612	ng	# 1
71) Anthracene	17.67	178	497	4.388	ng	# 1
72) Carbazole	17.90	167	118819	1064.405	ng	# 68

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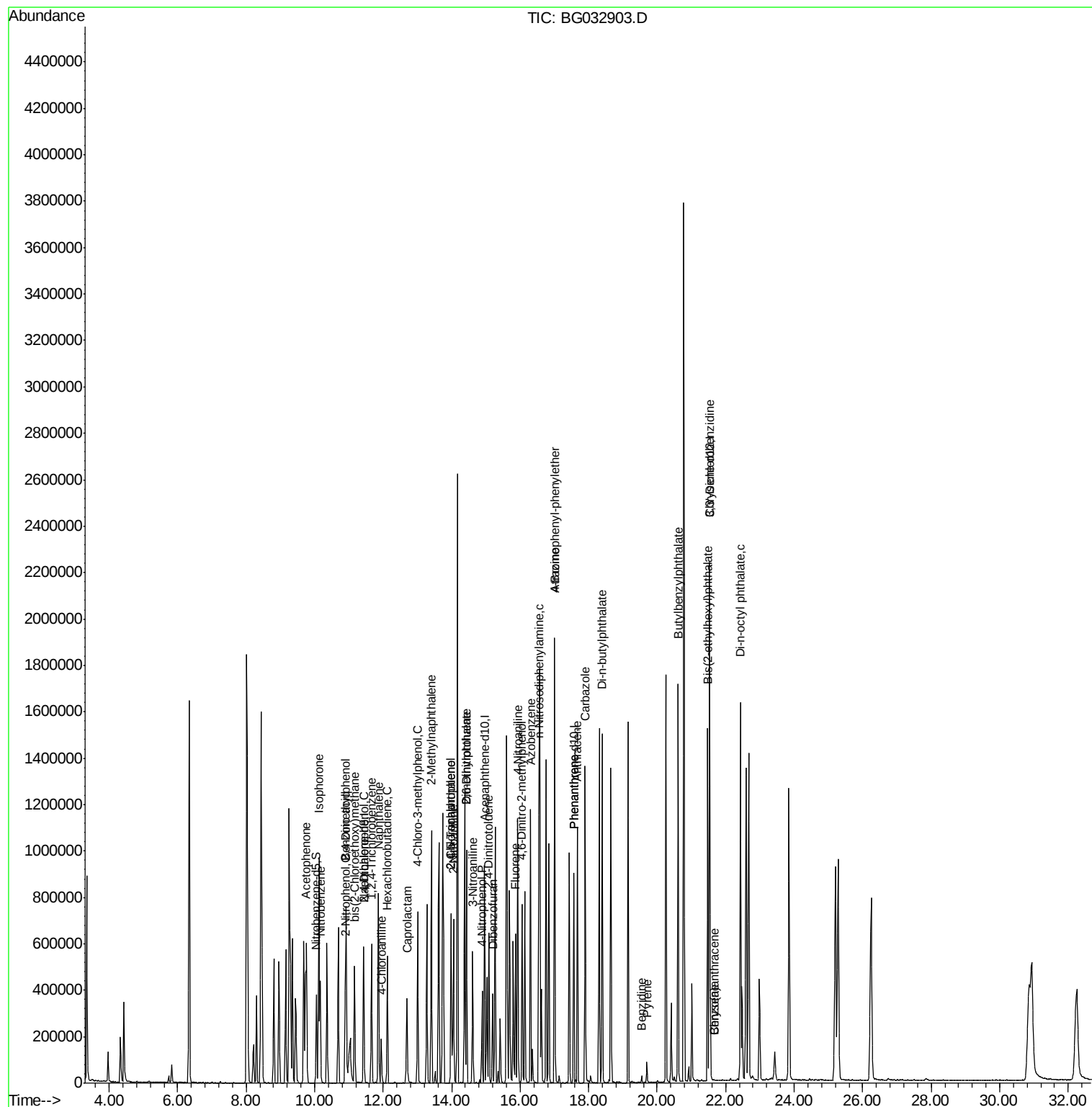
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	18.39	149	10265	74.956	nq	# 1
76) Benzdine	19.54	184	54	5.867	nq	# 1
77) Pyrene	19.70	202	62	3.256	nq	# 57
79) Butylbenzylphthalate	20.61	149	9007	1066.936	nq	# 20
80) Benzo(a)anthracene	21.67	228	287	16.576	nq	# 15
81) 3,3'-Dichlorobenzidine	21.52	252	125	19.493	nq	# 1
82) Chrysene	21.67	228	287	17.353	nq	# 14
83) Bis(2-ethylhexyl)phthalate	21.48	149	524611	41982.164	nq	# 50
84) Di-n-octyl phthalate	22.43	149	745513	39140.631	nq	# 76

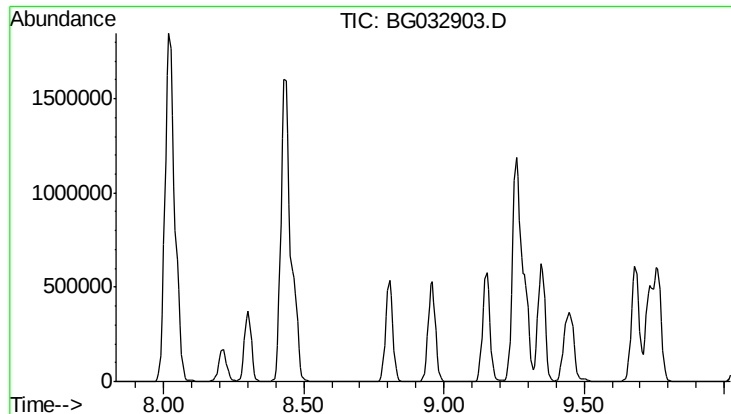
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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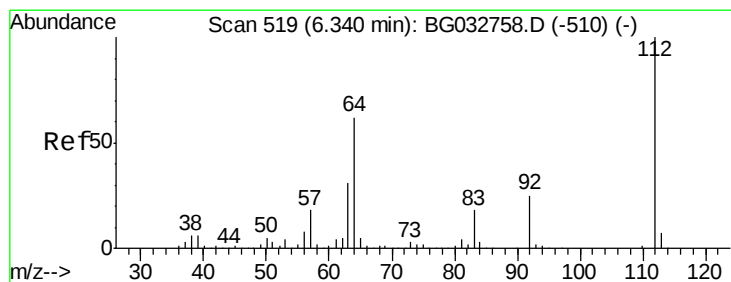
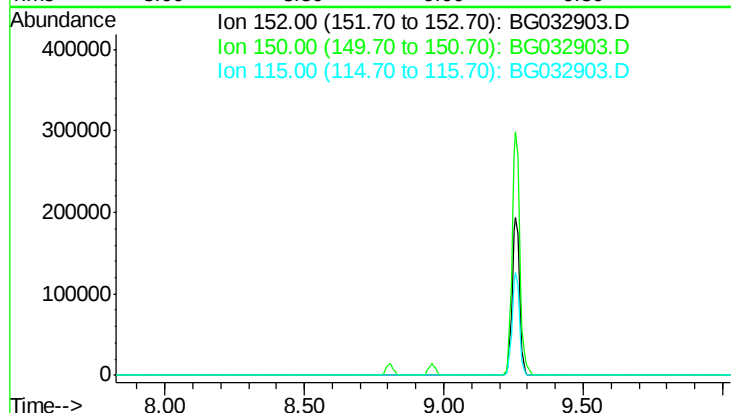




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.93 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

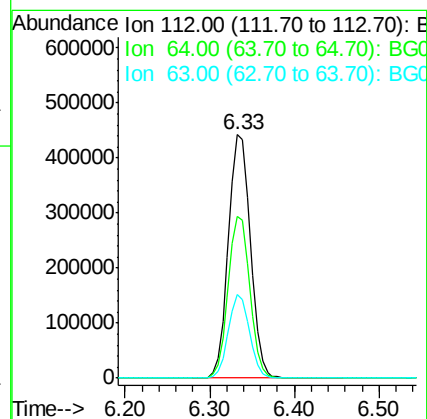
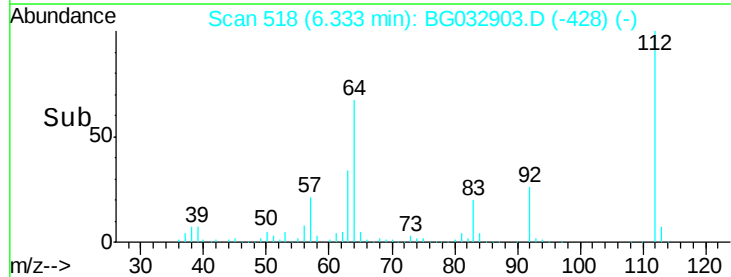
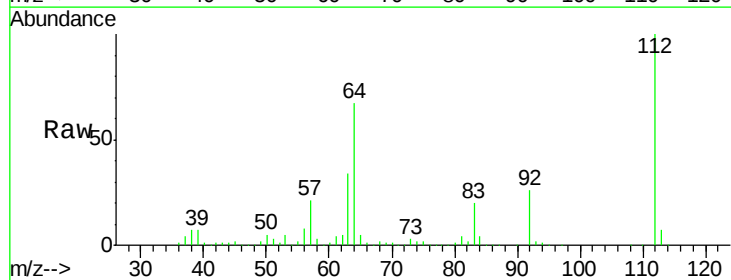
Instrument :
 BNA_G
 ClientSampleId :
 PB106927BS

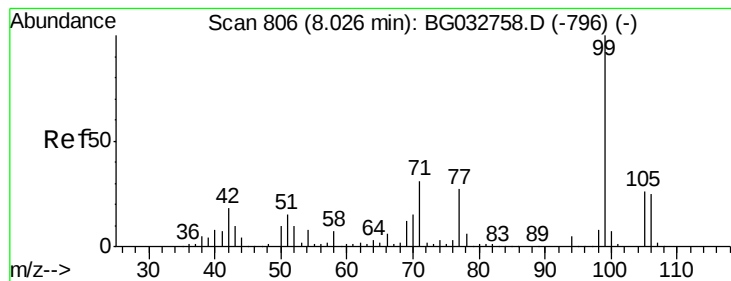
Tot Ion: 152
 Sig Exp Ratio
 152 100
 150 158.2
 115 66.2



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 6.33 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Tgt Ion: 112 Resp: 795560
 Ion Ratio Lower Upper
 112 100
 64 66.6 56.3 84.5
 63 34.3 30.1 45.1





#7

Phenol-d6

Concen: 0.000 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

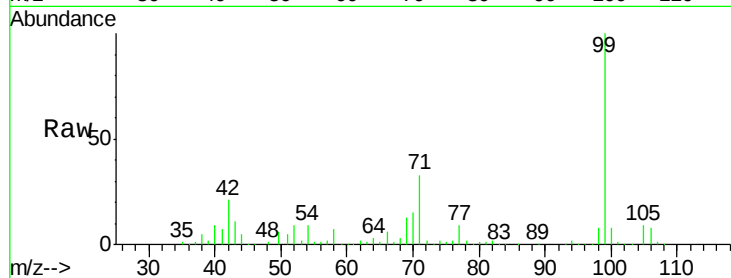
Tot Ion: 99 Resp: 1062468

Ion Ratio Lower Upper

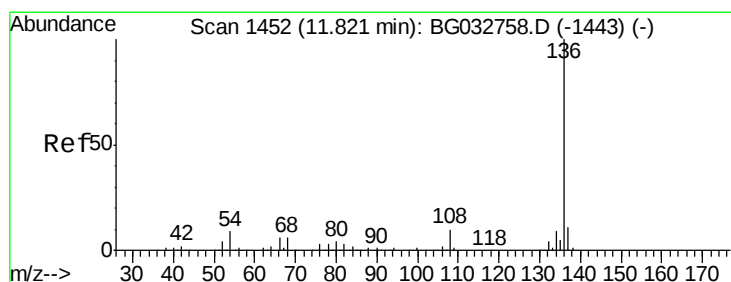
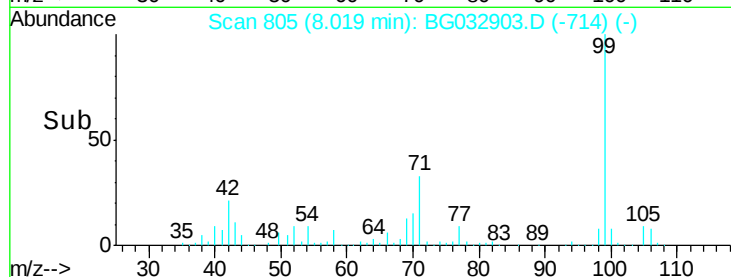
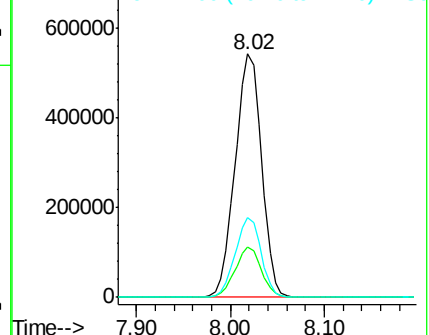
99 100

42 20.9 14.1 21.1

71 32.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.43 min Scan# 1386

Delta R.T. -0.38 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Tgt Ion: 136 Resp: 1510

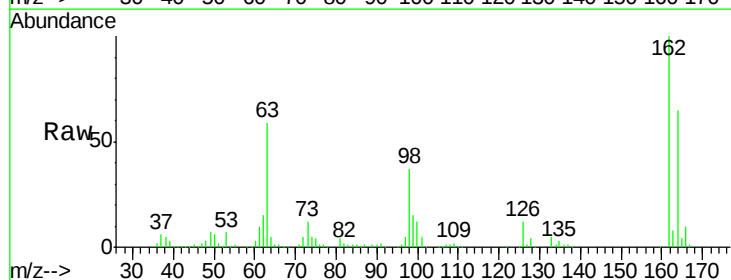
Ion Ratio Lower Upper

136 100

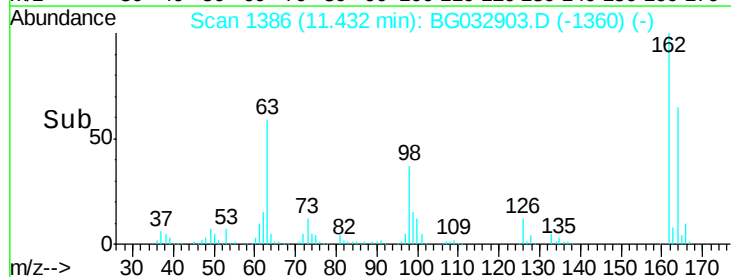
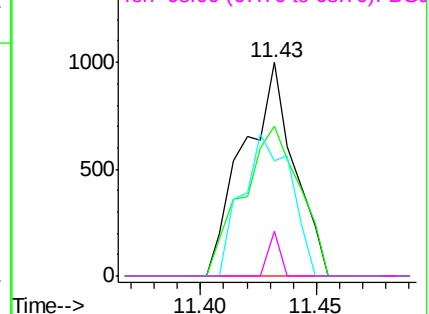
137 70.2 9.2 13.8#

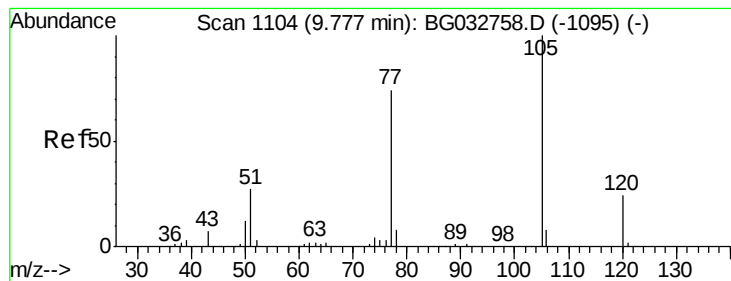
54 54.2 10.3 15.5#

68 21.1 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





#22

Acetophenone

Concen: 8923.305 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

Tot Ion:105 Resp: 340289

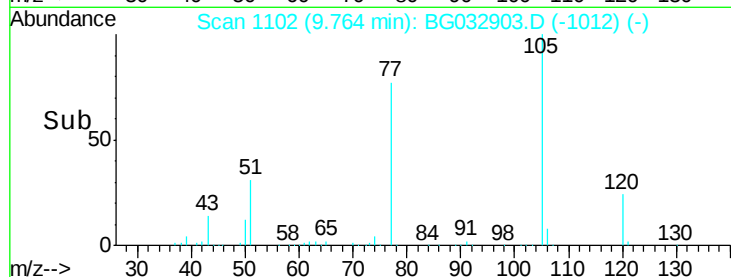
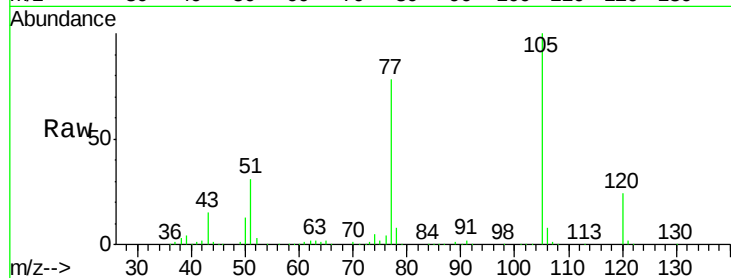
Ion Ratio Lower Upper

105 100

71 0.2 3.0 4.4#

51 31.2 26.1 39.1

120 24.4 17.4 26.2

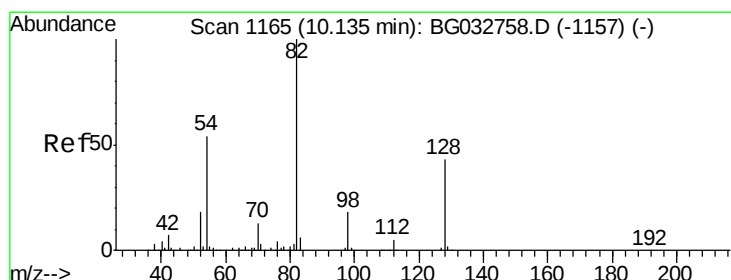
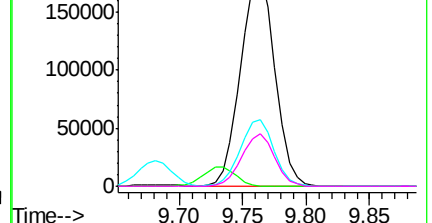


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 858.522 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.07 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

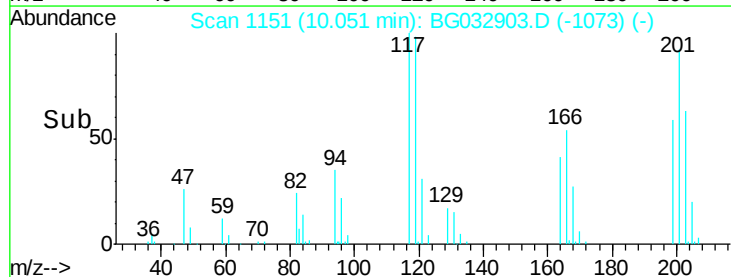
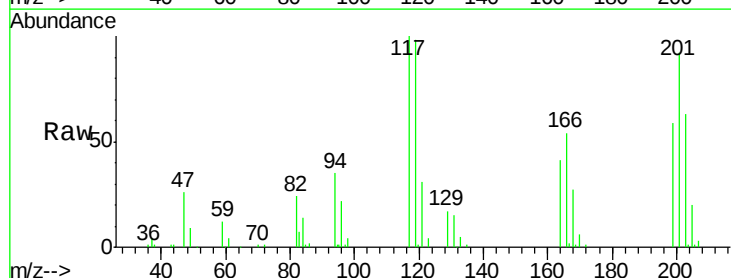
Tgt Ion: 82 Resp: 20903

Ion Ratio Lower Upper

82 100

128 0.0 29.7 44.5#

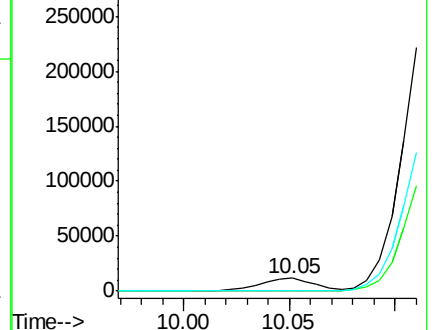
54 0.0 43.1 64.7#

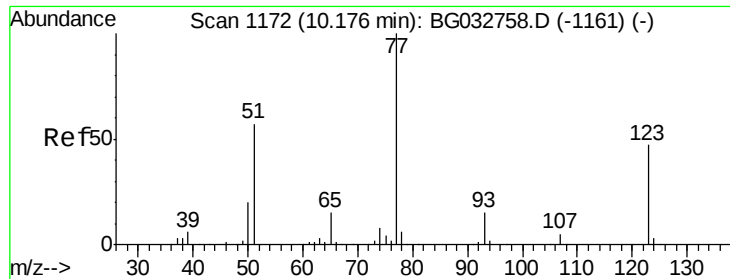


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 9126.824 ng

RT: 10.16 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

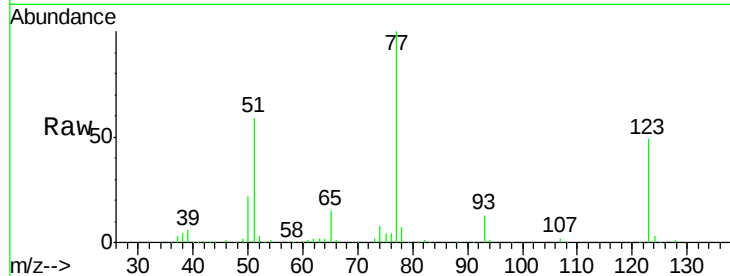
Tot Ion: 77 Resp: 253296

Ion Ratio Lower Upper

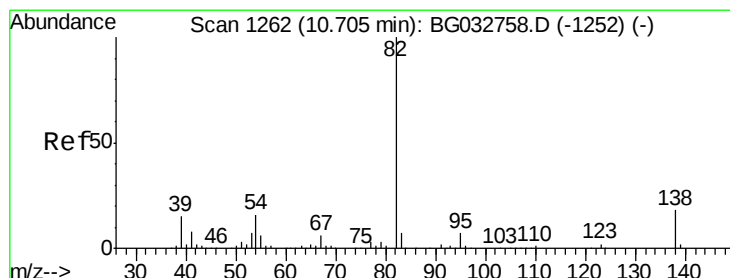
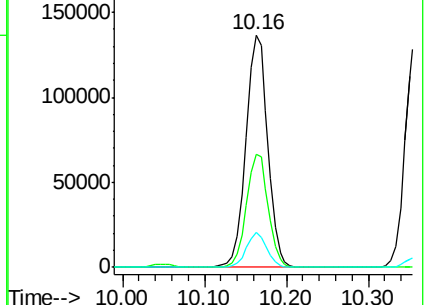
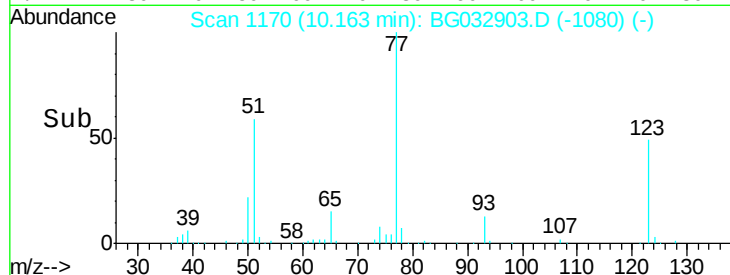
77 100

123 48.7 33.0 49.6

65 15.0 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 11437.611 ng

RT: 10.12 min Scan# 1163

Delta R.T. -0.57 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

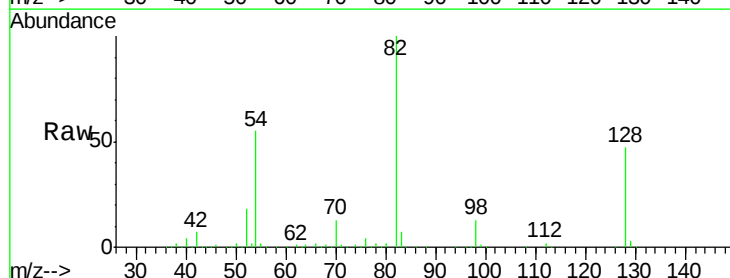
Tgt Ion: 82 Resp: 606194

Ion Ratio Lower Upper

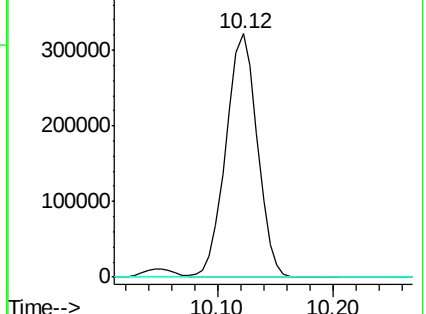
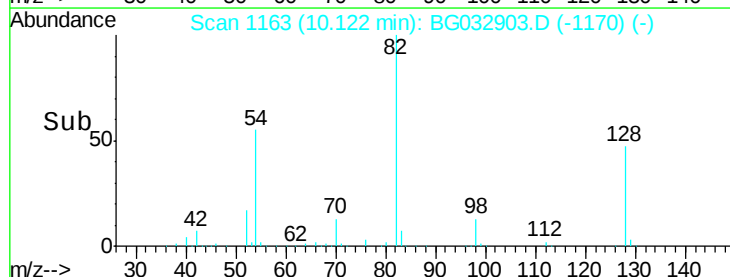
82 100

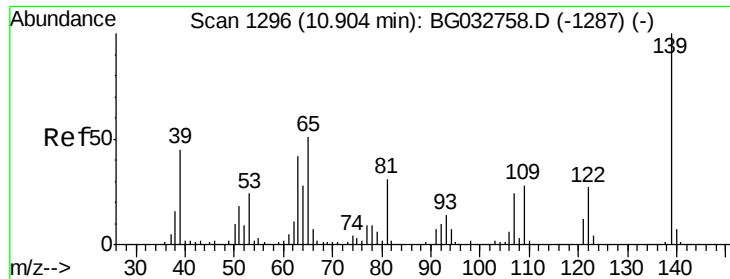
95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

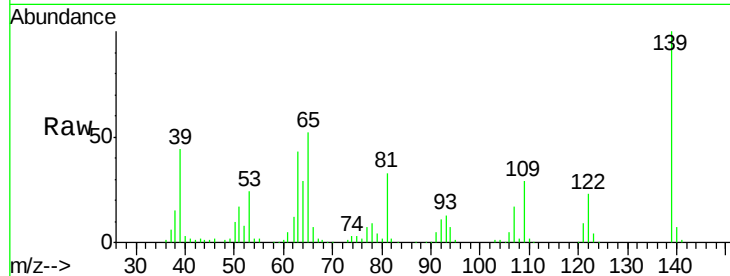




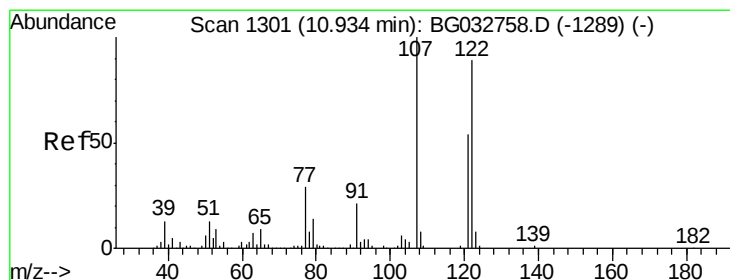
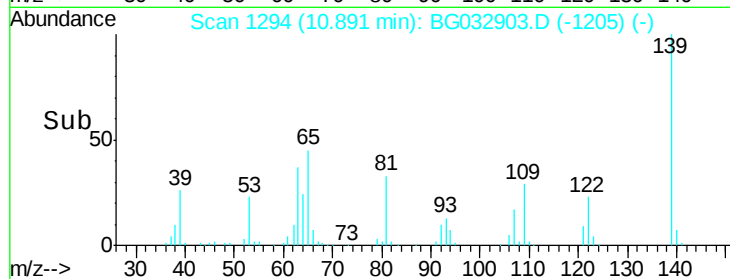
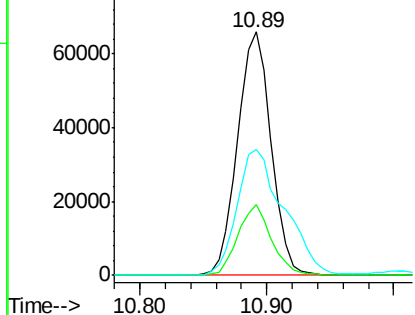
#26
2-Nitrophenol
Concen: 1457.595 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

Instrument :
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Tot Ion:139 Resp: 120823
Ion Ratio Lower Upper
139 100
109 28.9 24.2 36.2
65 51.7 47.4 71.0

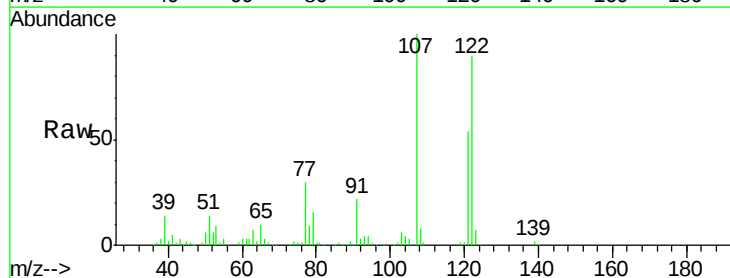


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

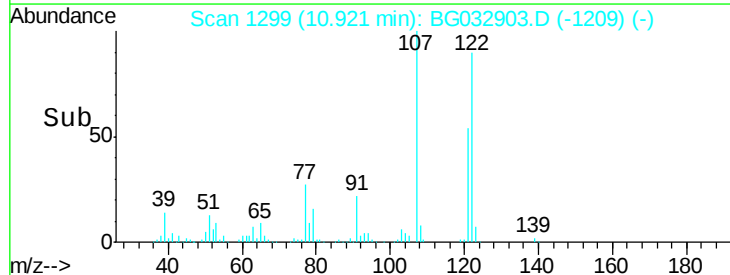
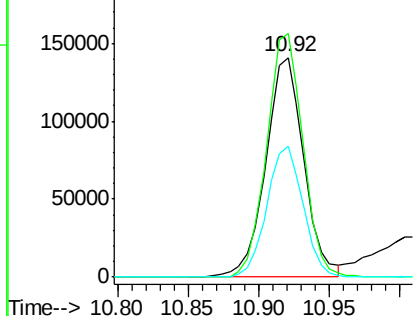


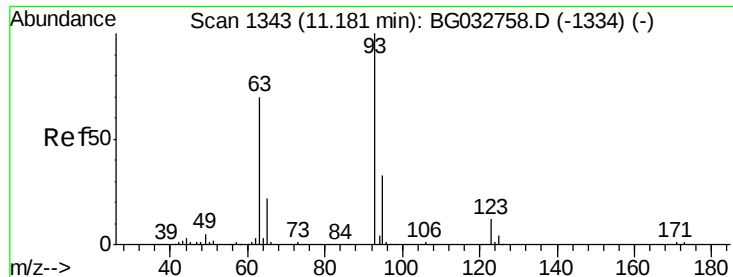
#27
2,4-Dimethylphenol
Concen: 11543.112 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

Tgt Ion:122 Resp: 265767
Ion Ratio Lower Upper
122 100
107 110.7 100.2 150.2
121 59.7 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

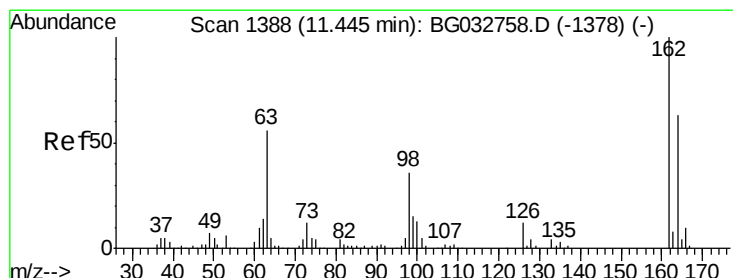
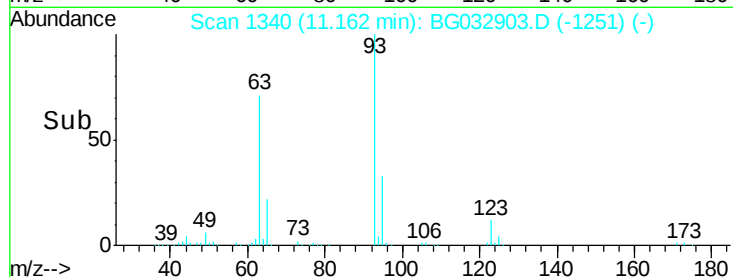
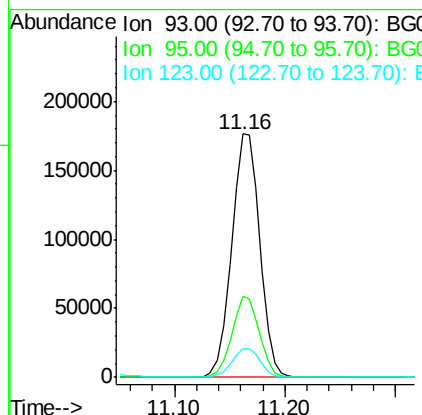
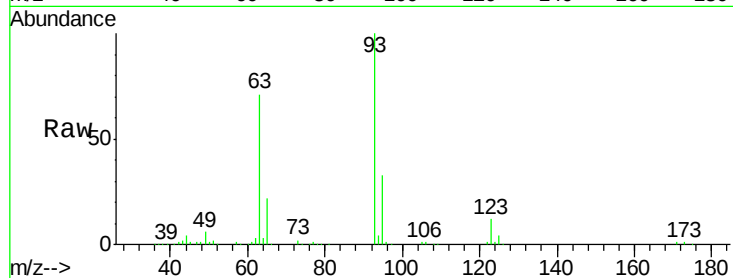




#28
bis(2-Chloroethoxy)methane
Concen: 10157.578 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

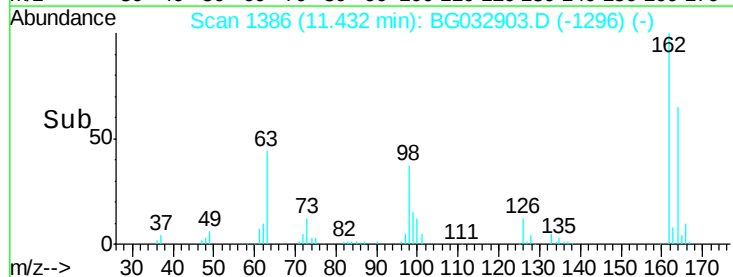
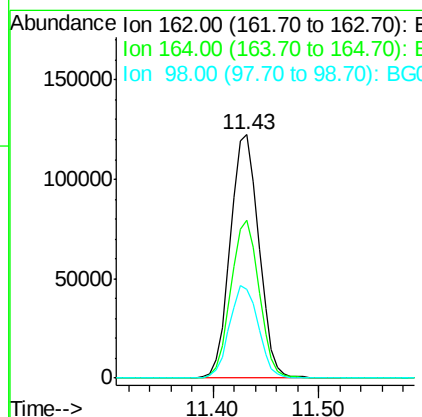
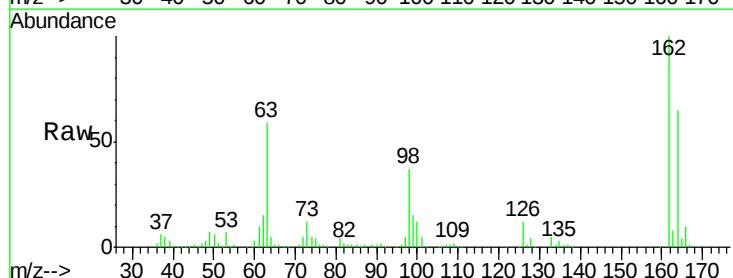
Instrument :
BNA_G
ClientSampleId :
PB106927BS

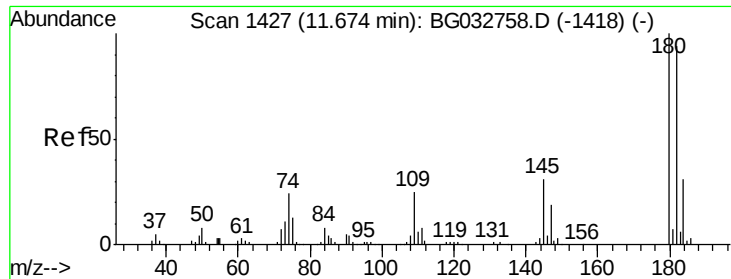
Tot Ion: 93 Resp: 313622
Ion Ratio Lower Upper
93 100
95 33.0 24.3 36.5
123 11.8 8.4 12.6



#29
2,4-Dichlorophenol
Concen: 10979.579 ng
RT: 11.43 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

Tgt Ion: 162 Resp: 229433
Ion Ratio Lower Upper
162 100
164 64.7 48.0 88.0
98 36.7 21.1 61.1

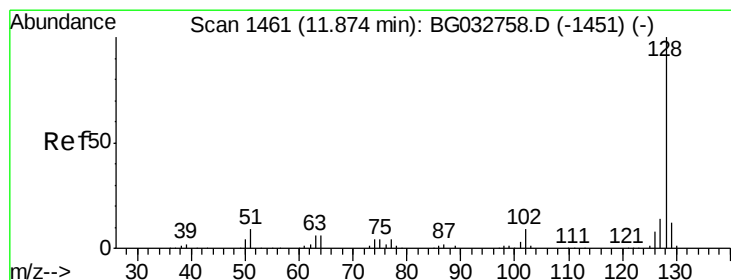
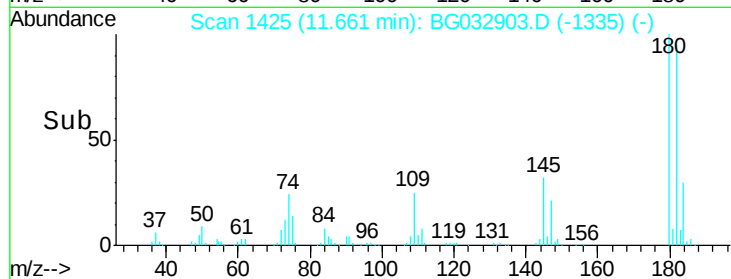
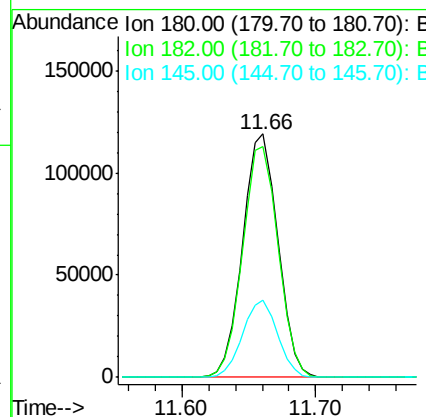
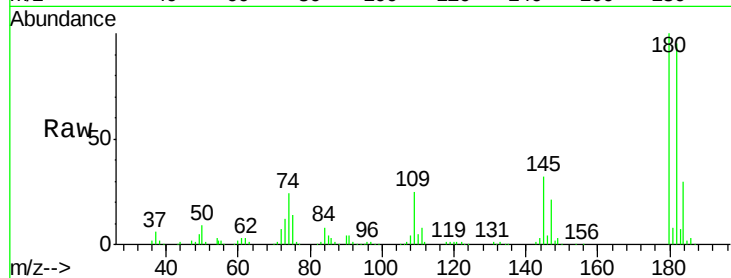




#30
 1,2,4-Trichlorobenzene
 Concen: 8885.980 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

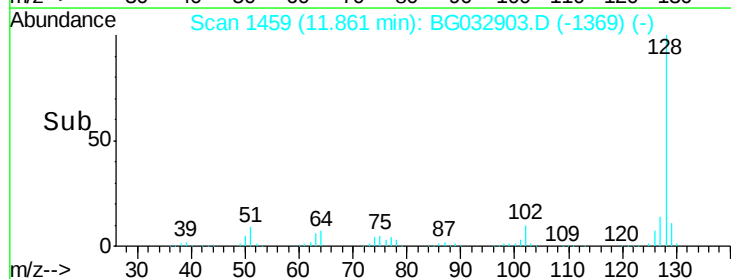
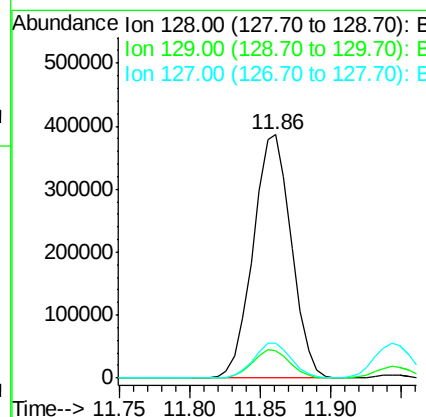
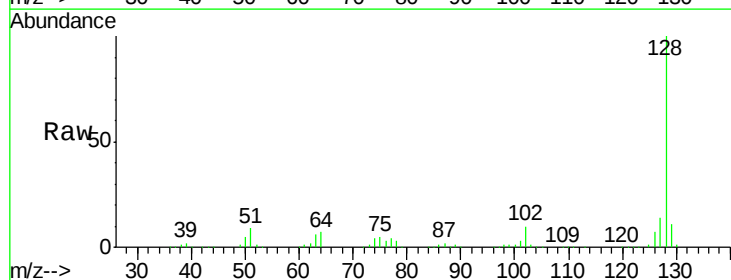
Instrument :
 BNA_G
 ClientSampleId :
 PB106927BS

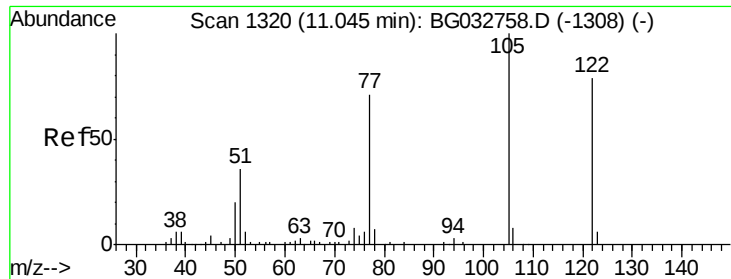
Tot Ion:180 Resp: 217661
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.5 116.3
 145 31.7 23.4 35.2



#31
 Naphthalene
 Concen: 9290.470 ng
 RT: 11.86 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Tgt Ion:128 Resp: 733047
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 12.8
 127 14.4 11.6 17.4





#32

Benzoic acid

Concen: 1509.898 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.12 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

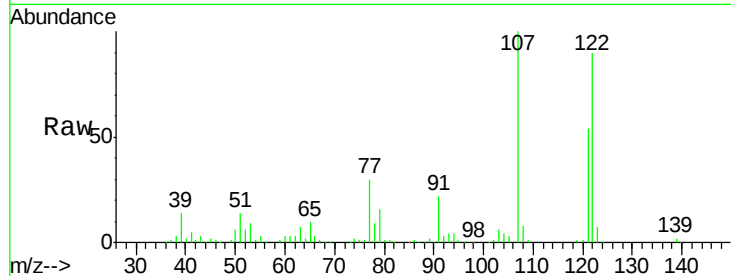
Tot Ion:122 Resp: 265767

Ion Ratio Lower Upper

122 100

105 3.5 123.5 163.5#

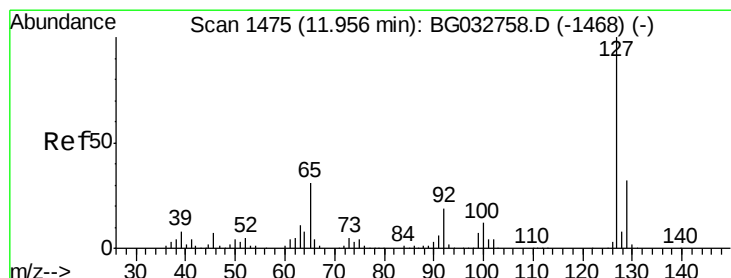
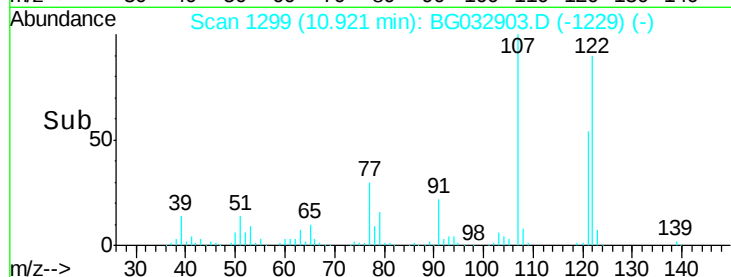
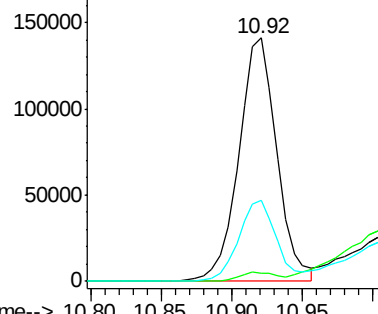
77 33.4 85.7 125.7#



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



#33

4-Chloroaniline

Concen: 2931.198 ng

RT: 11.94 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Tgt Ion:127 Resp: 103412

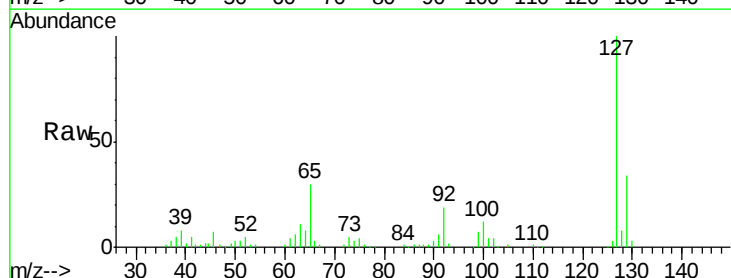
Ion Ratio Lower Upper

127 100

129 33.9 24.0 36.0

65 30.3 27.0 40.4

92 19.0 16.6 25.0

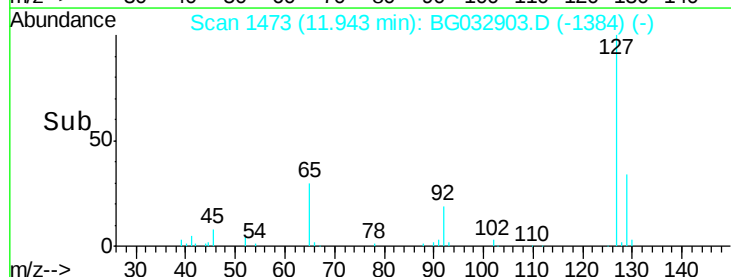
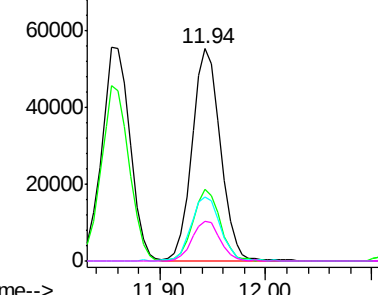


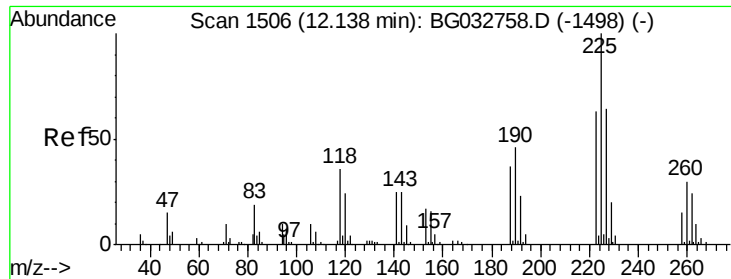
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 8573.306 ng

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

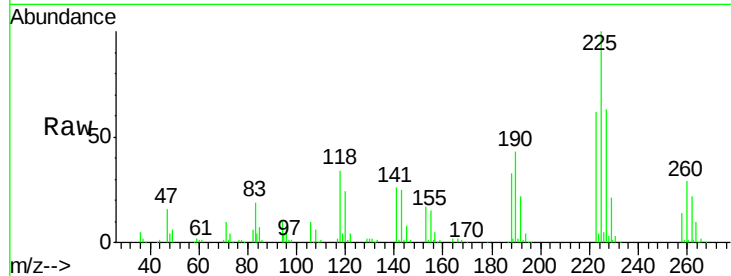
Tot Ion:225 Resp: 117794

Ion Ratio Lower Upper

225 100

223 61.6 49.7 74.5

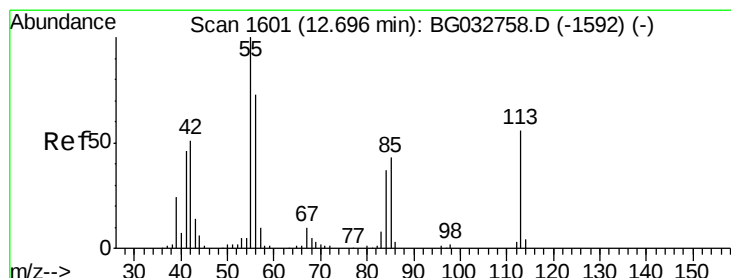
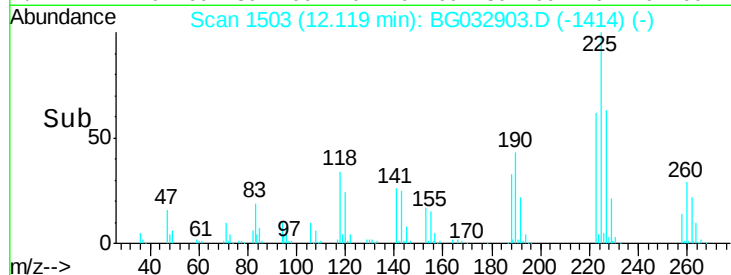
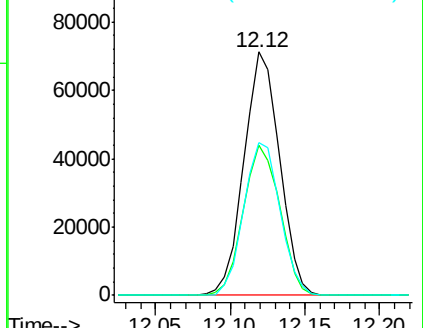
227 63.0 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 10345.341 ng

RT: 12.70 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

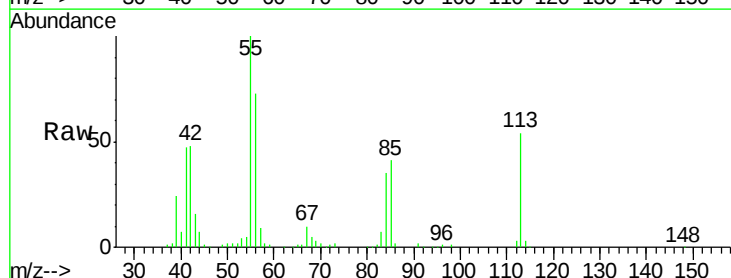
Tgt Ion:113 Resp: 86561

Ion Ratio Lower Upper

113 100

55 184.4 186.9 226.9#

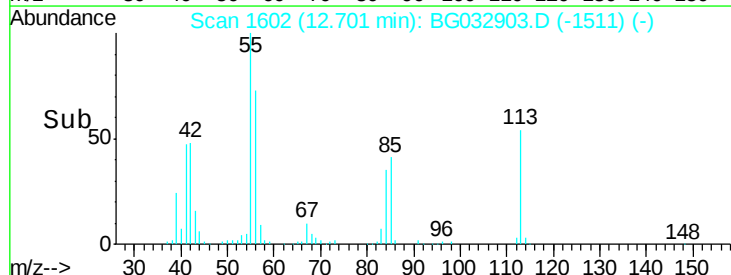
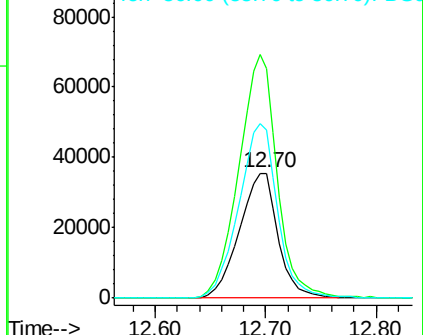
56 134.4 130.9 170.9

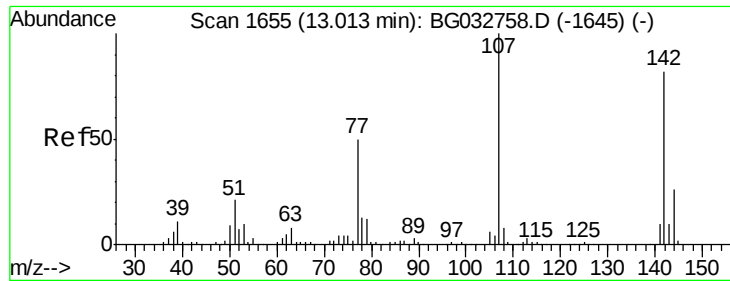


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

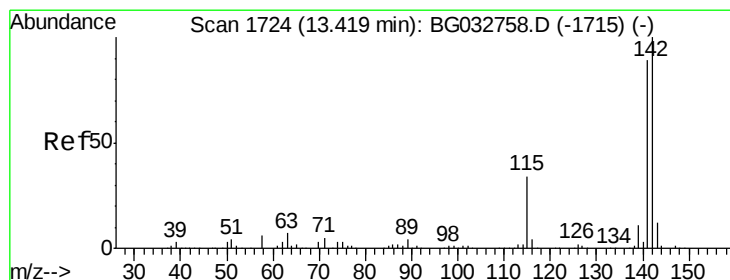
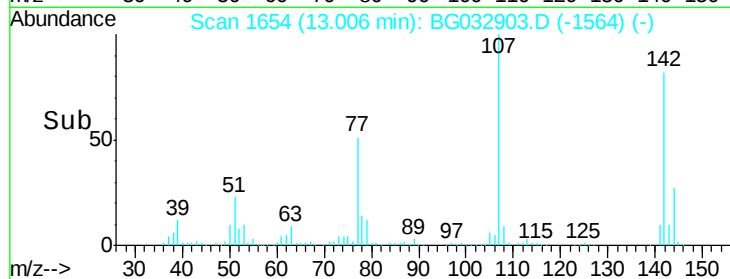
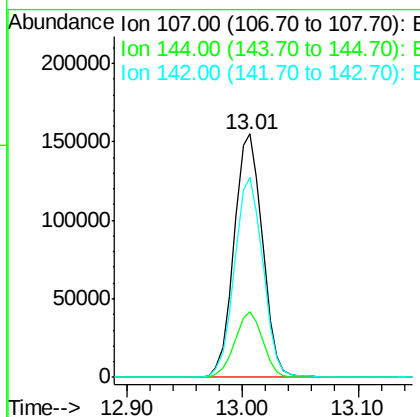
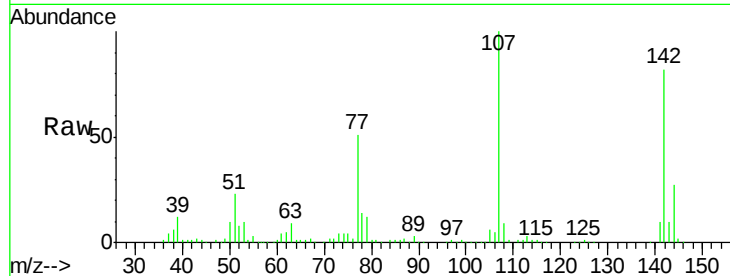




#36
 4-Chloro-3-methylphenol
 Concen: 10889.097 ng
 RT: 13.01 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

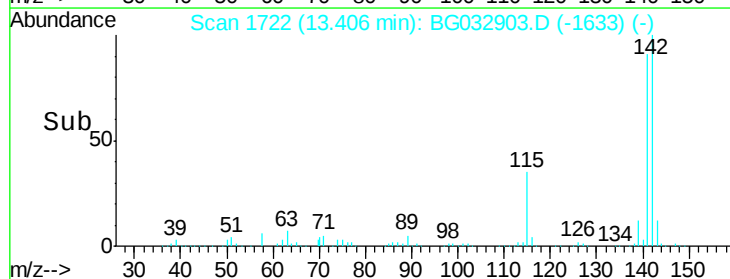
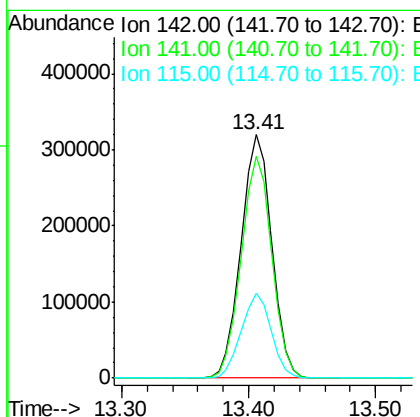
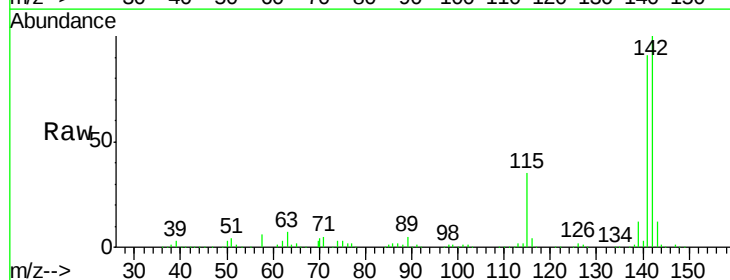
Instrument :
 BNA_G
 ClientSampleId :
 PB106927BS

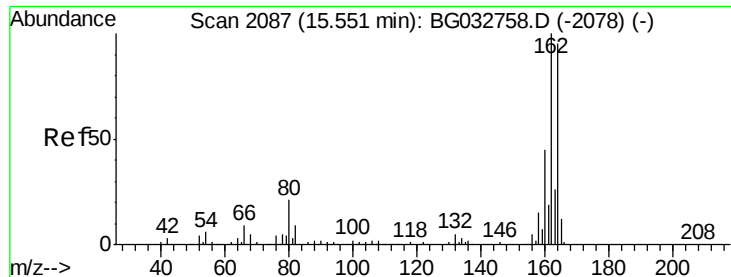
Tot Ion:107 Resp: 264793
 Ion Ratio Lower Upper
 107 100
 144 27.1 18.2 27.4
 142 82.2 59.0 88.4



#37
 2-Methylnaphthalene
 Concen: 9406.404 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Tgt Ion:142 Resp: 536962
 Ion Ratio Lower Upper
 142 100
 141 91.1 67.1 100.7
 115 34.8 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.96 min Scan# 1987

Delta R.T. -0.58 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

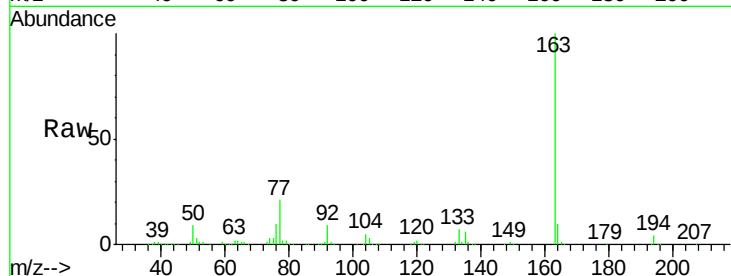
Tot Ion:164 Resp: 68345

Ion Ratio Lower Upper

164 100

162 0.0 78.8 118.2#

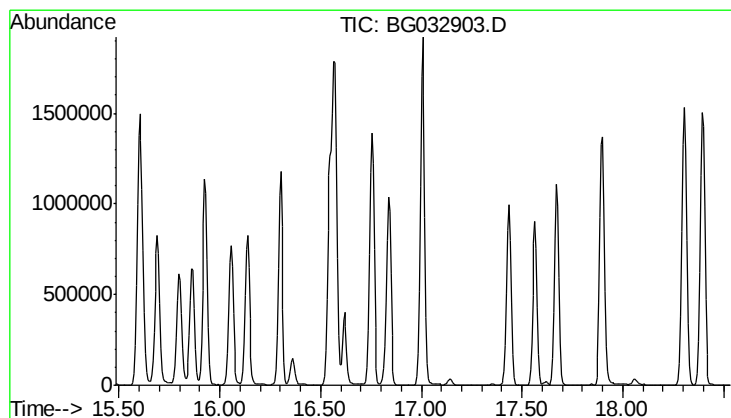
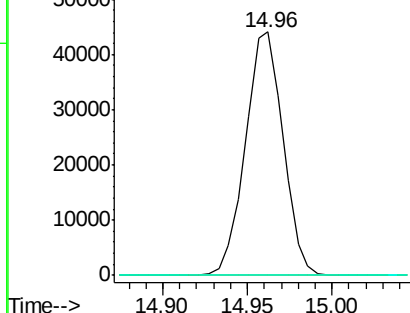
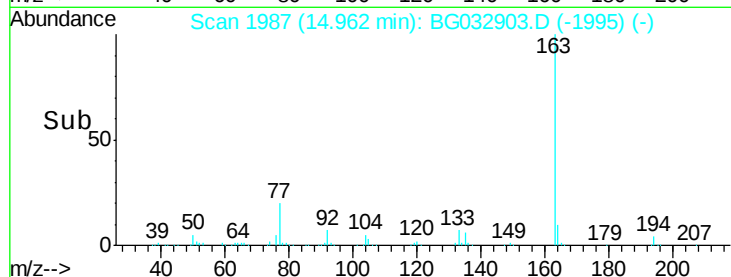
160 0.0 35.4 53.0#



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: 0.000 ng

Expected RT: 17.01 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

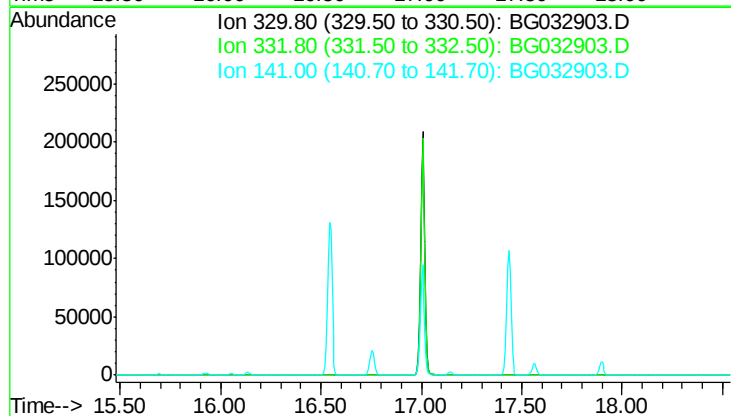
Tgt Ion: 330

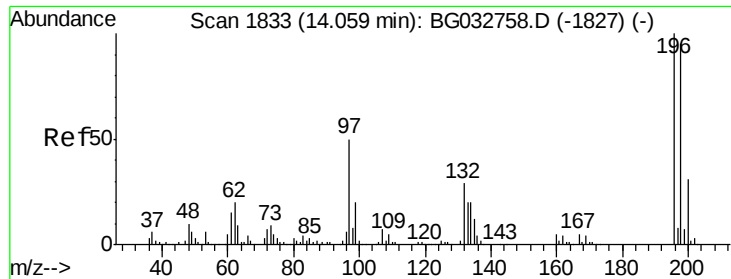
Sig Exp Ratio

330 100

332 96.3

141 31.5

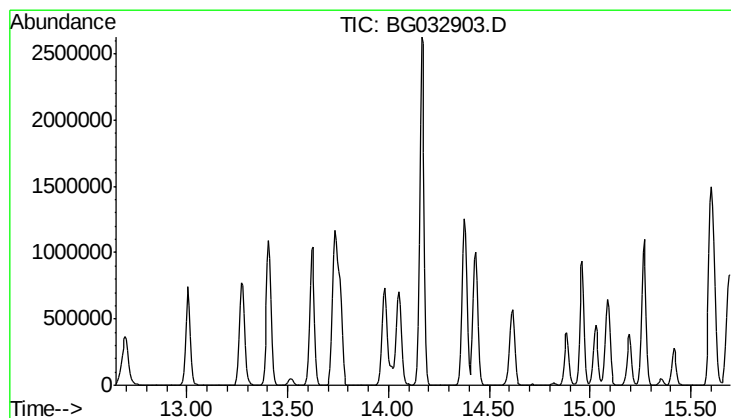
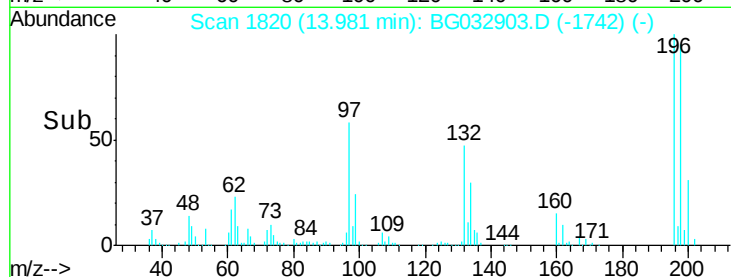
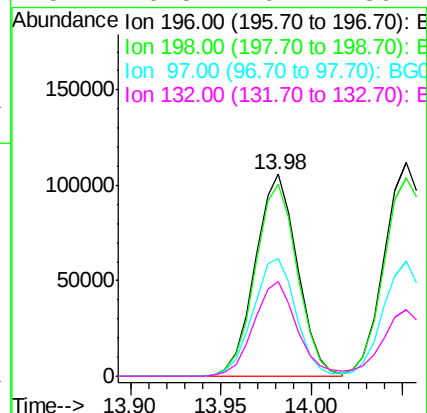
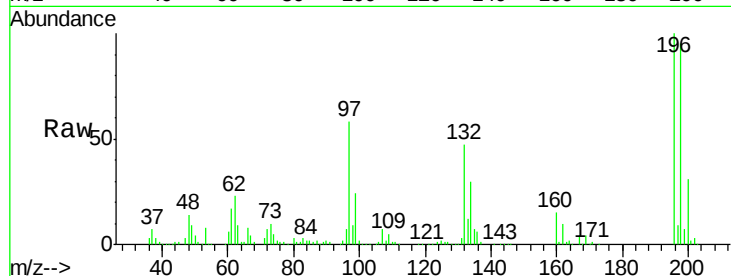




#43
 2,4,5-Trichlorophenol
 Concen: 115.966 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.07 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

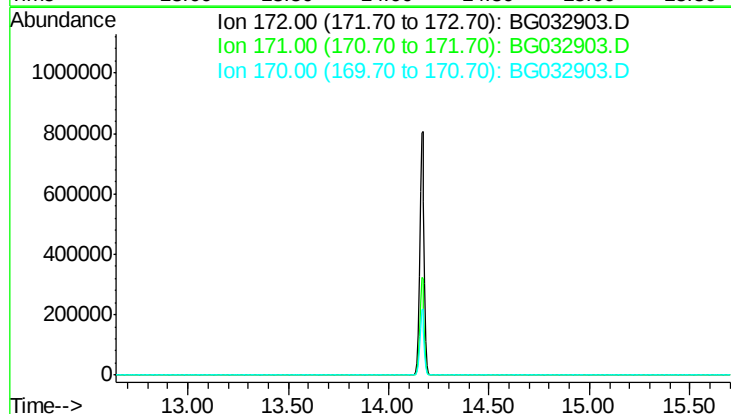
Instrument :
 BNA_G
 ClientSampleId :
 PB106927BS

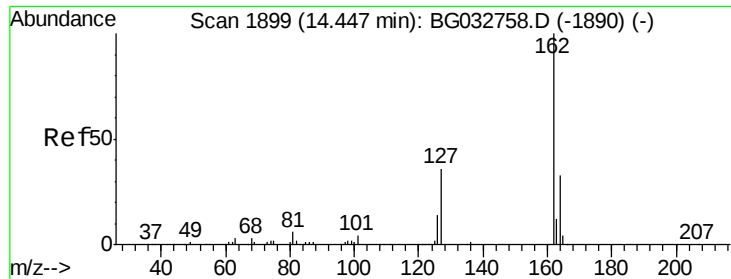
Tot Ion:196 Resp: 171725
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.4
 97 58.1 38.7 58.1#
 132 46.8 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 14.17 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.5
 170 24.4

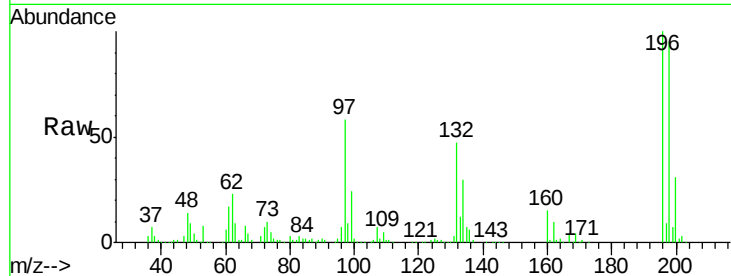




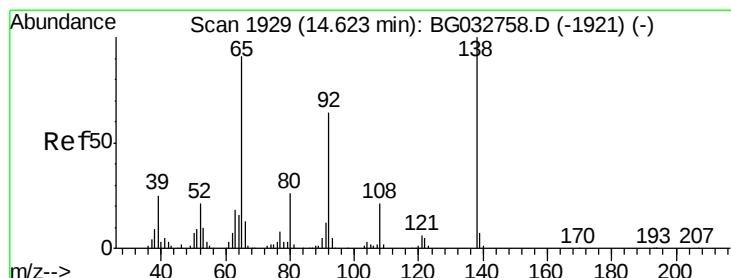
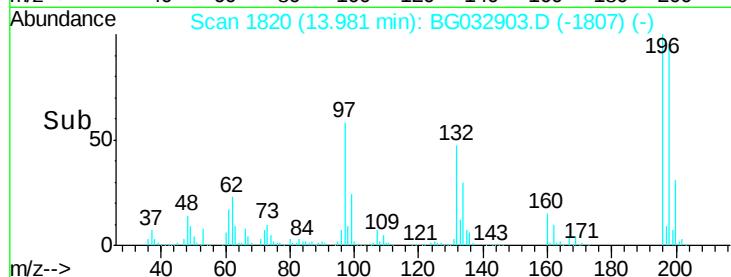
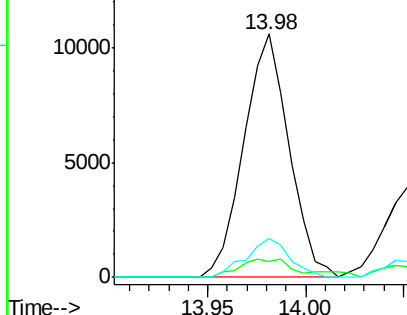
#46
2-Chloronaphthalene
Concen: 3.800 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.46 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

Instrument :
BNA_G
ClientSampleId :
PB106927BS

Tot Ion:162 Resp: 16953
Ion Ratio Lower Upper
162 100
127 6.4 30.7 46.1#
164 15.8 26.0 39.0#

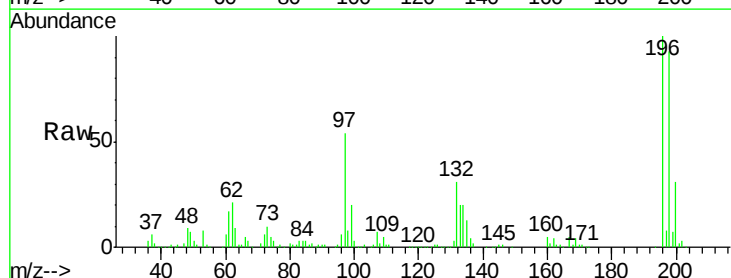


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

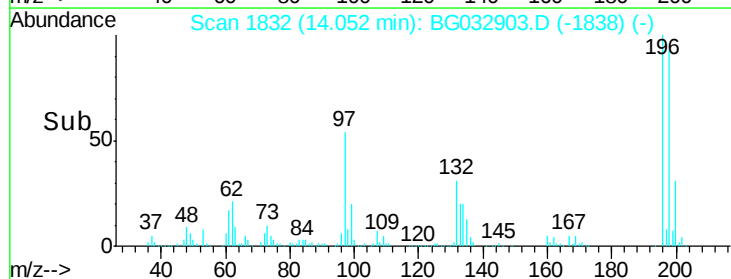
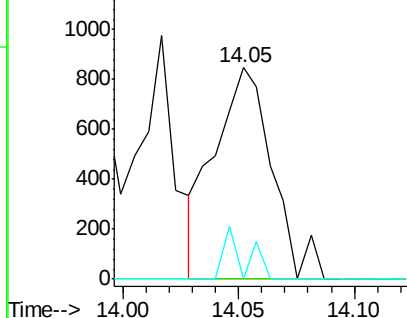


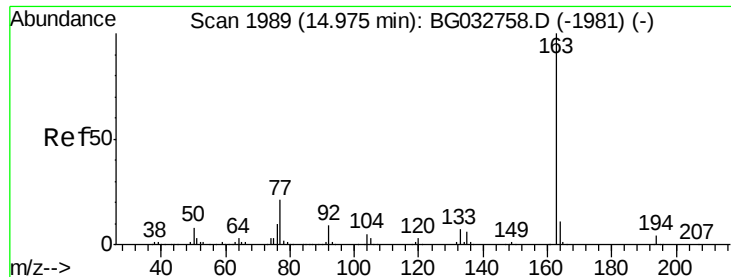
#47
2-Nitroaniline
Concen: 10.877 ng
RT: 14.05 min Scan# 1832
Delta R.T. -0.57 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

Tgt Ion: 65 Resp: 1474
Ion Ratio Lower Upper
65 100
92 0.0 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): E





#49

Dimethylphthalate

Concen: 10.339 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.54 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

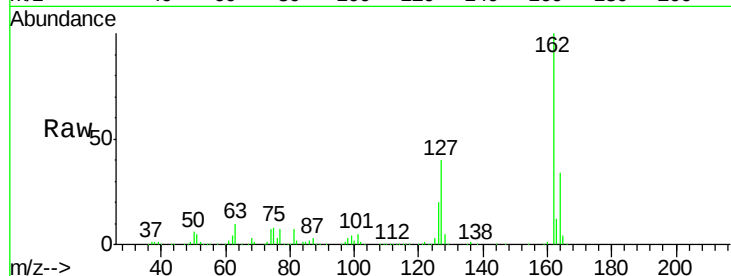
Tot Ion:163 Resp: 59999

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

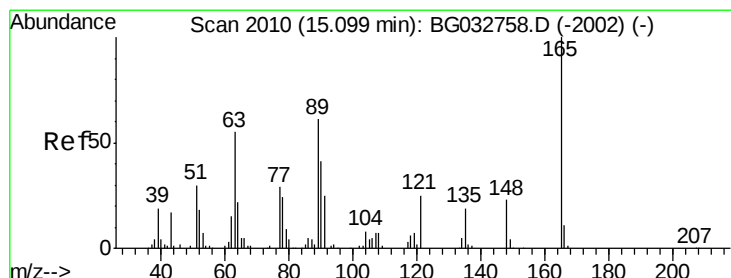
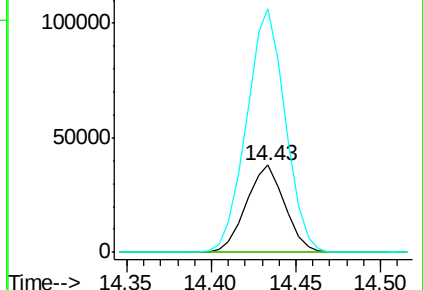
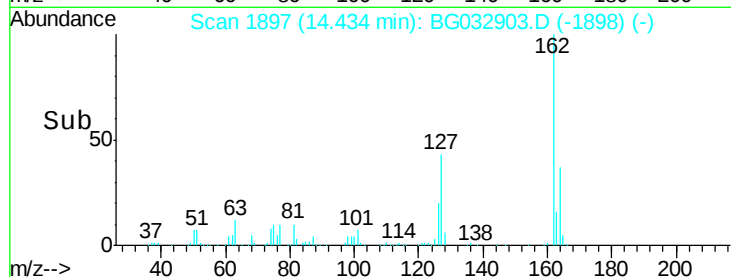
164 278.9 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 24.516 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.66 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

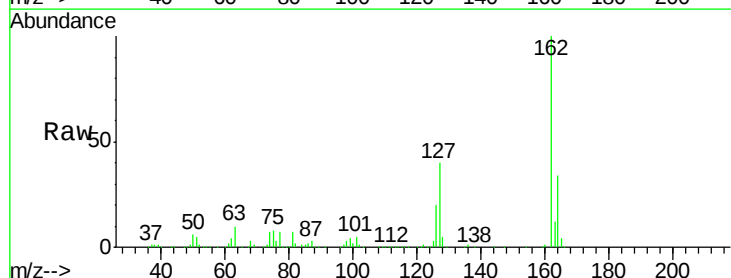
Tgt Ion:165 Resp: 18415

Ion Ratio Lower Upper

165 100

63 275.4 52.7 79.1#

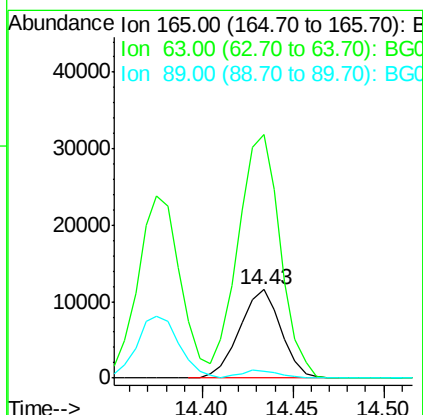
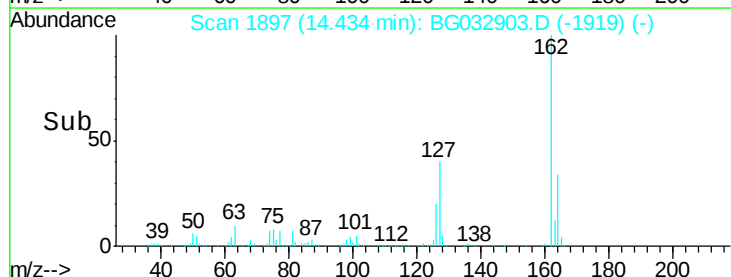
89 7.8 49.2 73.8#

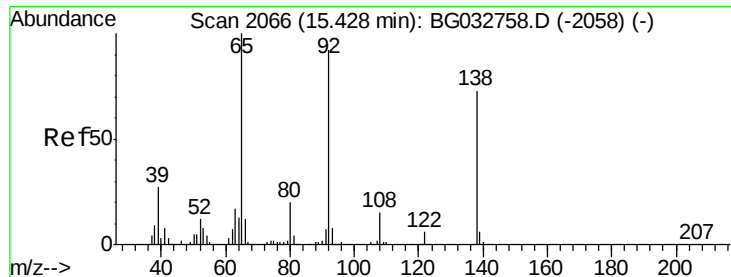


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

3-Nitroaniline

Concen: 135.480 ng

RT: 14.62 min Scan# 1928

Delta R.T. -0.81 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

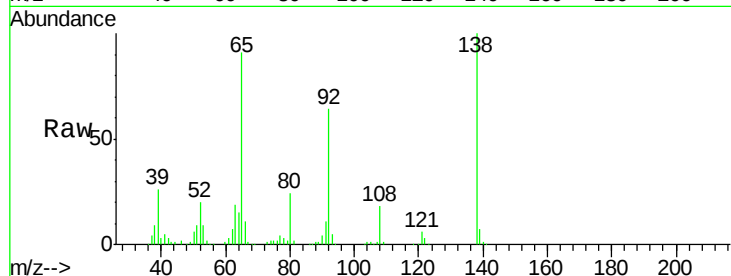
Tot Ion:138 Resp: 180369

Ion Ratio Lower Upper

138 100

108 17.9 17.5 26.3

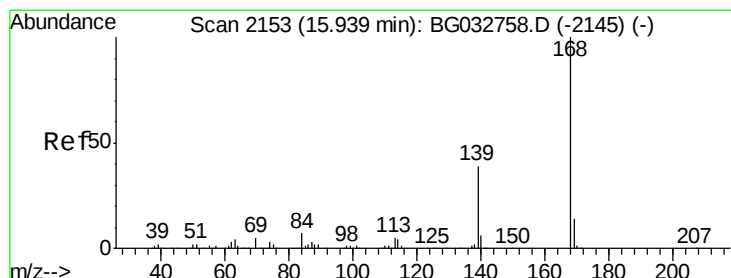
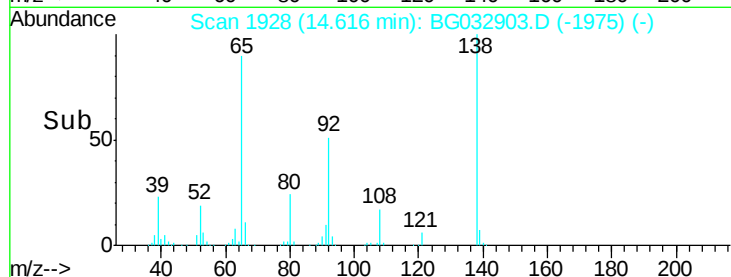
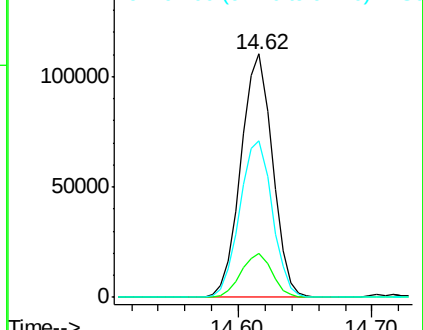
92 64.1 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

Dibenzofuran

Concen: 9.948 ng

RT: 15.20 min Scan# 2027

Delta R.T. -0.74 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

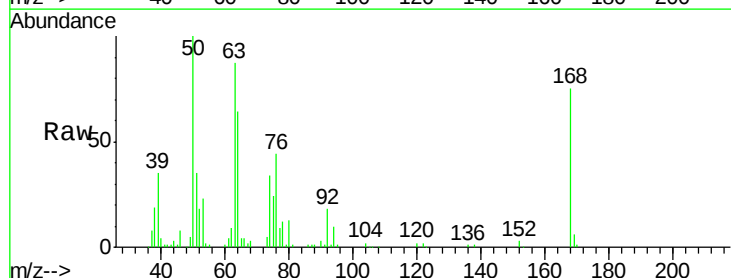
Tgt Ion:168 Resp: 64437

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

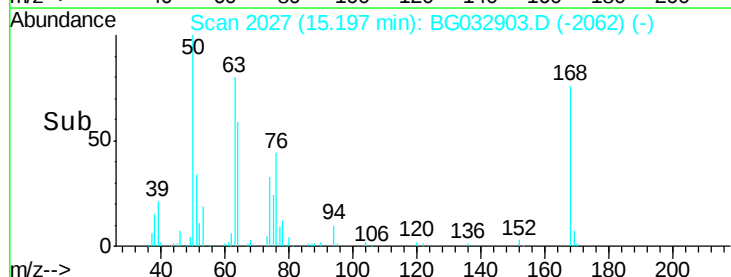
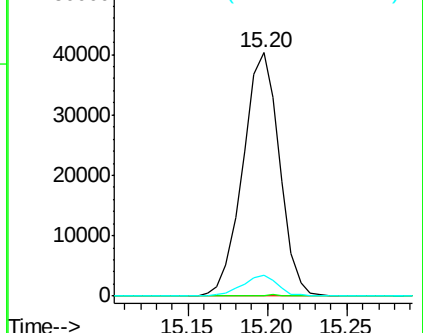
169 8.6 11.2 16.8#

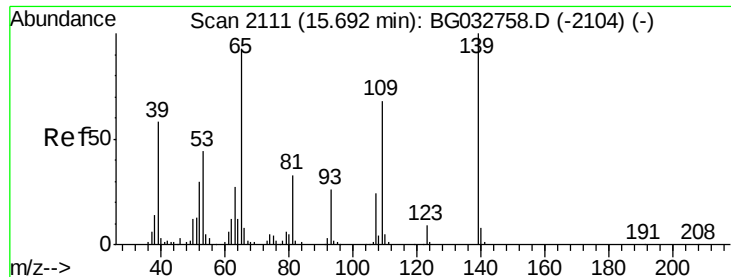


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 7.518 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.80 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

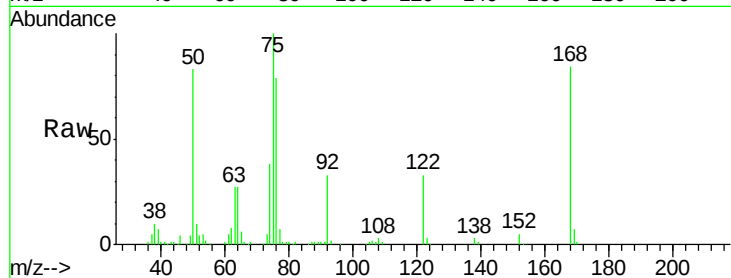
Tot Ion:139 Resp: 456

Ion Ratio Lower Upper

139 100

109 106.5 62.2 102.2#

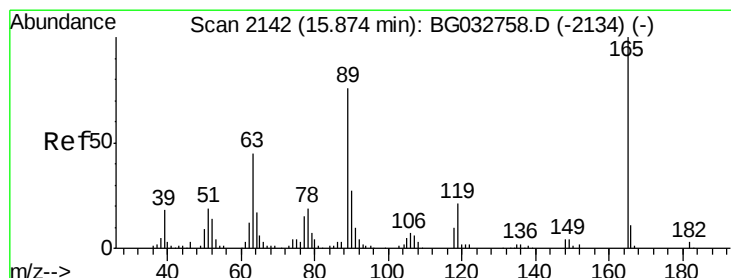
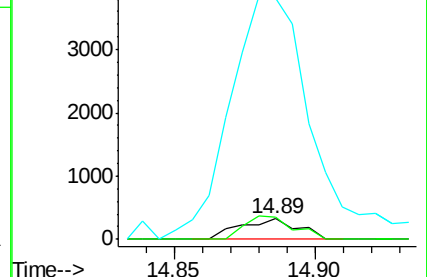
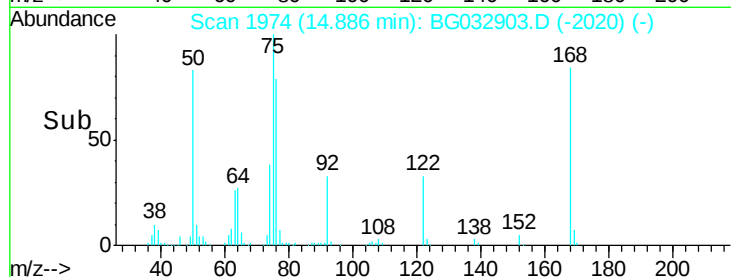
65 1172.0 97.2 137.2#



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



#56

2,4-Dinitrotoluene

Concen: 99.577 ng

RT: 15.09 min Scan# 2008

Delta R.T. -0.78 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Tgt Ion:165 Resp: 143647

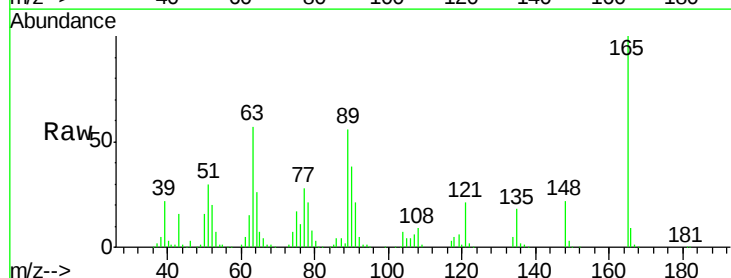
Ion Ratio Lower Upper

165 100

63 56.9 42.0 63.0

89 55.9 66.9 100.3#

182 0.3 2.6 3.8#

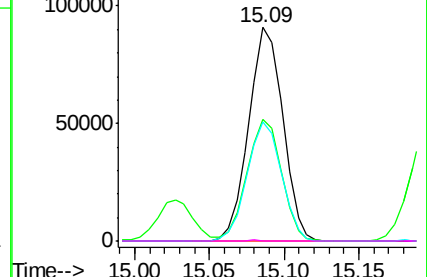
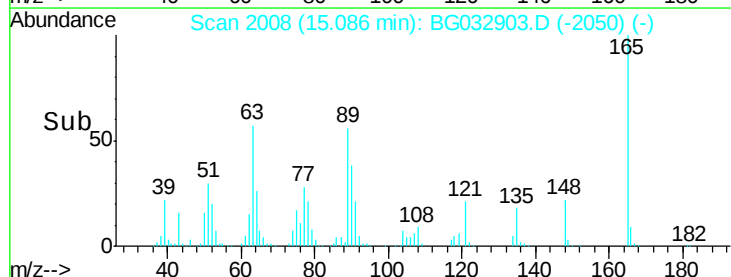


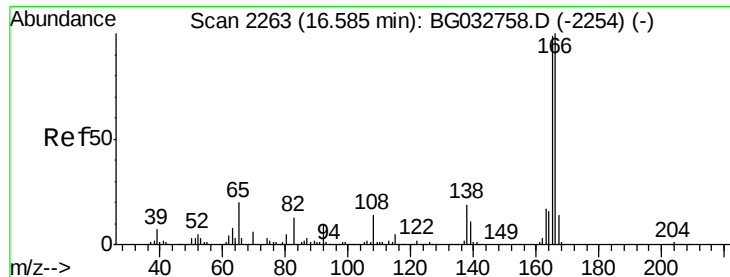
Abundance Ion 165.00 (164.70 to 165.70): E

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

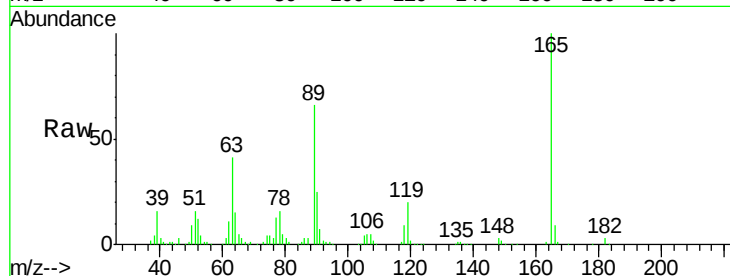




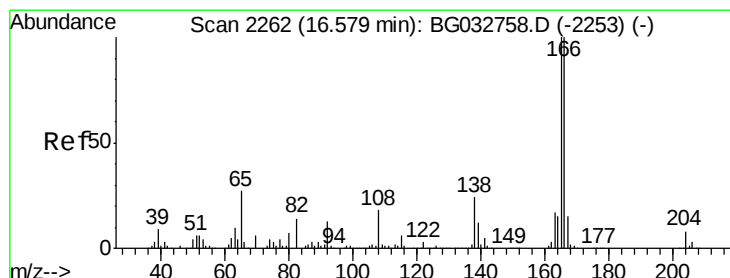
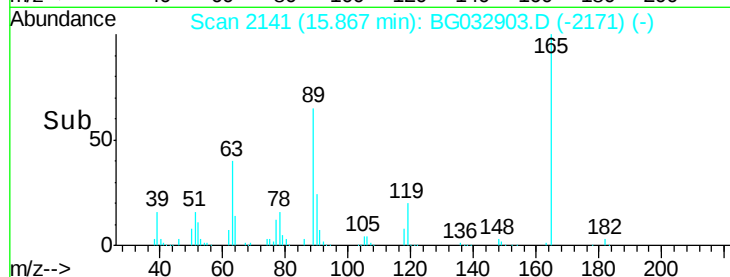
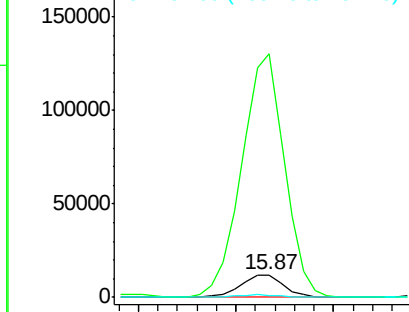
#57
 Fluorene
 Concen: 3.380 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. -0.71 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Instrument :
 BNA_G
 ClientSampleId :
 PB106927BS

Tot Ion:166 Resp: 18069
 Ion Ratio Lower Upper
 166 100
 165 1086.5 80.6 121.0#
 167 9.8 10.4 15.6#

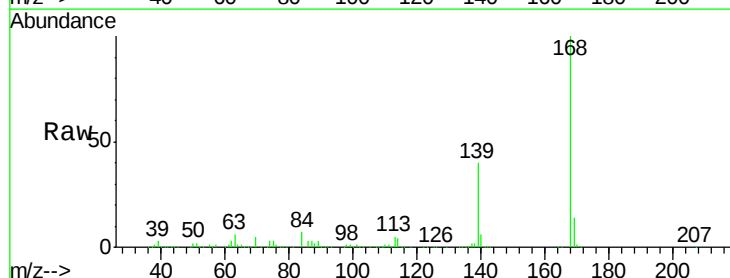


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

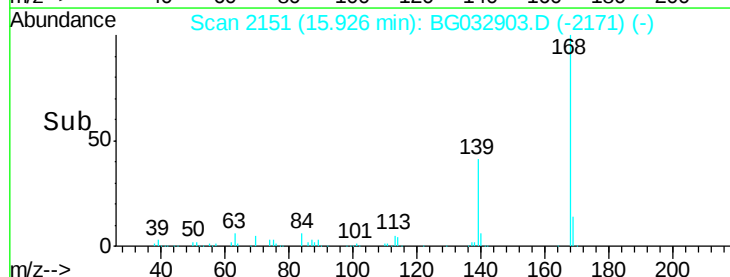
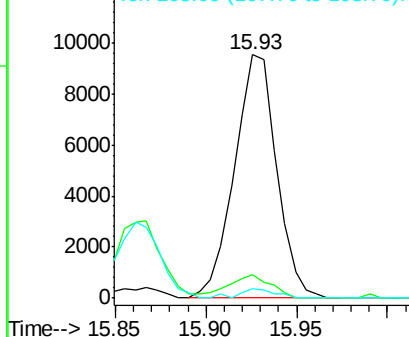


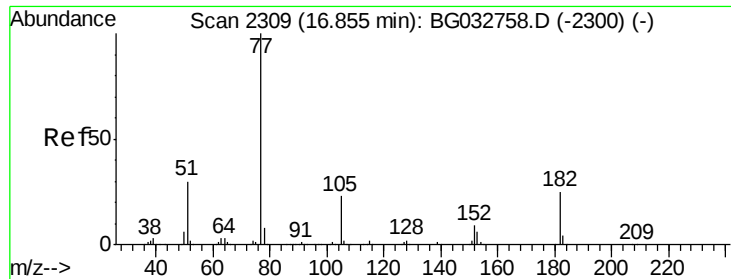
#61
 4-Nitroaniline
 Concen: 16.209 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.65 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Tgt Ion:138 Resp: 15407
 Ion Ratio Lower Upper
 138 100
 92 9.9 40.1 80.1#
 108 3.6 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 5.503 ng

RT: 16.30 min Scan# 2215

Delta R.T. -0.54 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

Tot Ion: 77 Resp: 30133

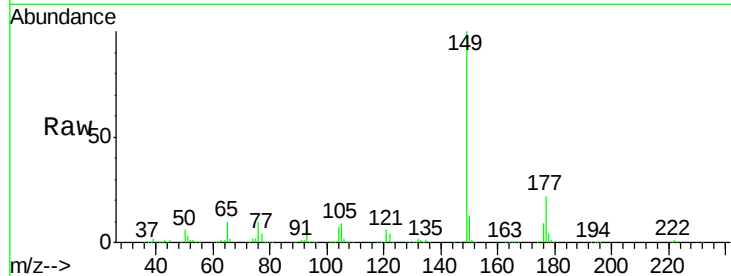
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 217.0 0.3 40.3#

51 64.1 11.6 51.6#

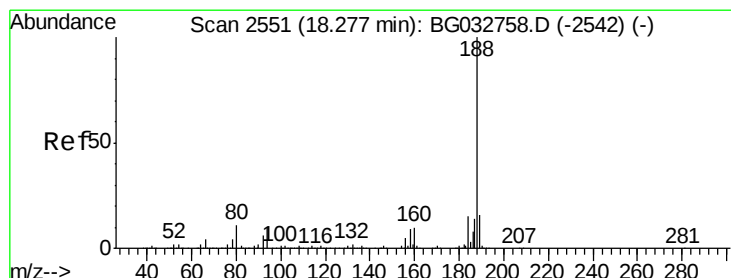
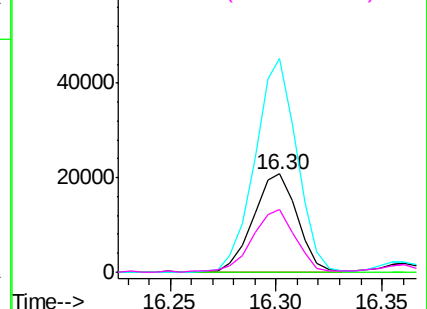
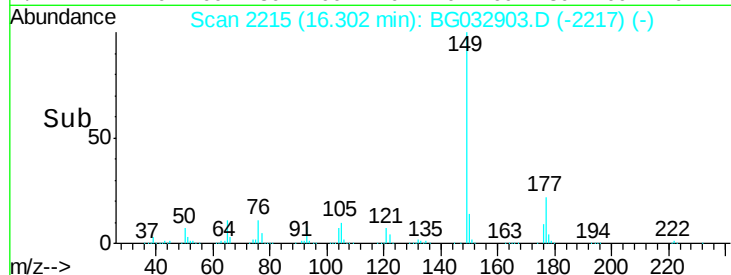


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.70 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

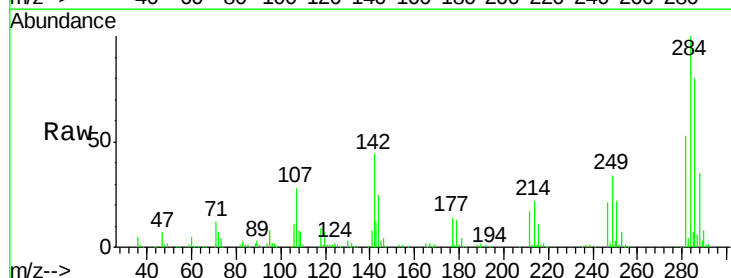
Tgt Ion: 188 Resp: 2022

Ion Ratio Lower Upper

188 100

94 208.9 6.9 10.3#

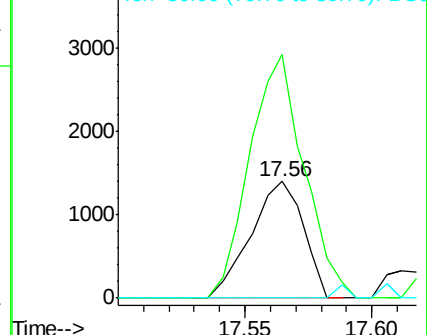
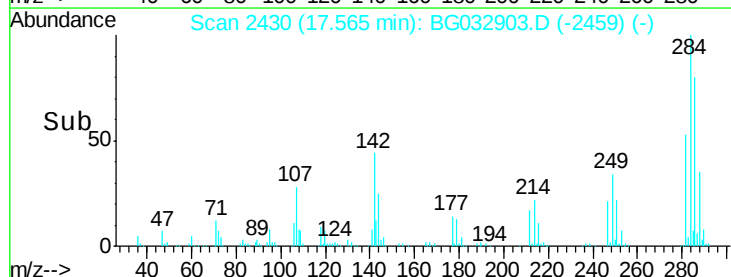
80 0.0 7.7 11.5#

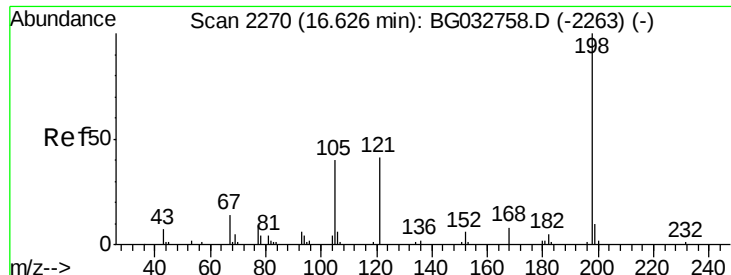


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 425.839 ng

RT: 16.05 min Scan# 2173

Delta R.T. -0.57 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

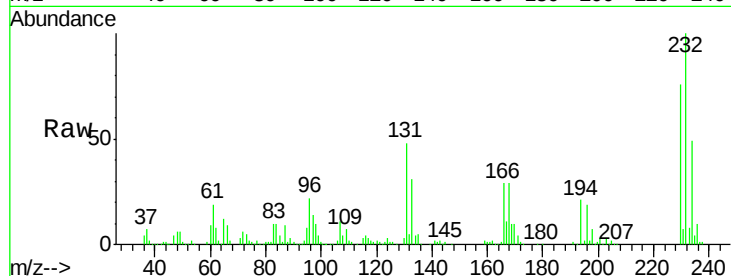
Tot Ion:198 Resp: 9565

Ion Ratio Lower Upper

198 100

51 7.3 30.6 70.6#

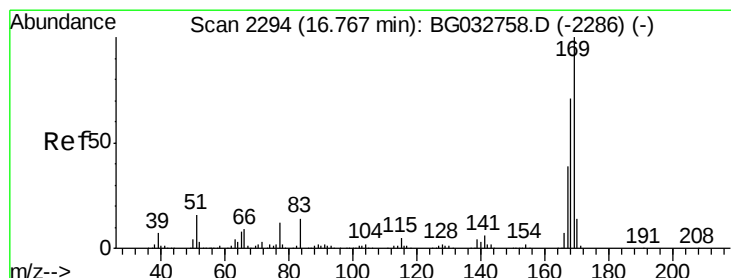
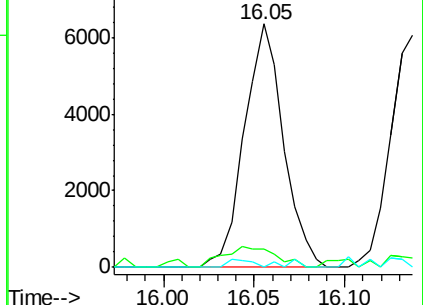
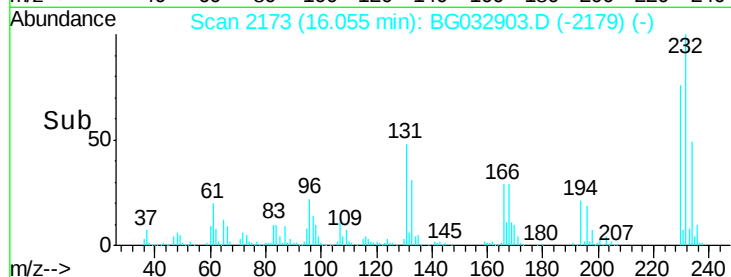
105 0.0 23.8 63.8#



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



#65

n-Nitrosodiphenylamine

Concen: 523.134 ng

RT: 16.55 min Scan# 2257

Delta R.T. -0.21 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

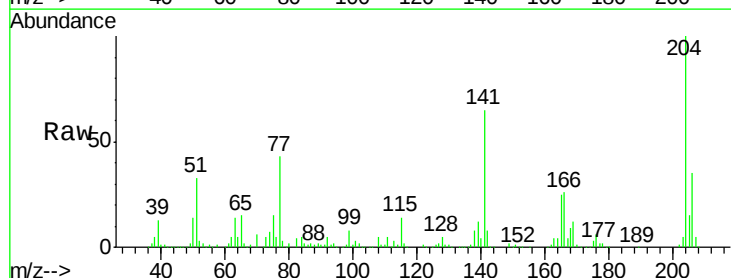
Tgt Ion:169 Resp: 34411

Ion Ratio Lower Upper

169 100

168 77.2 55.7 83.5

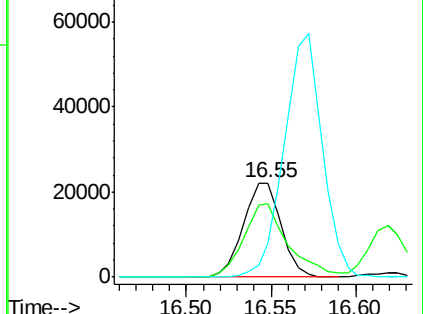
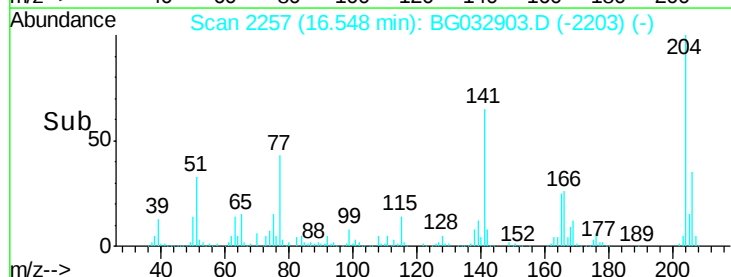
167 36.0 30.1 45.1

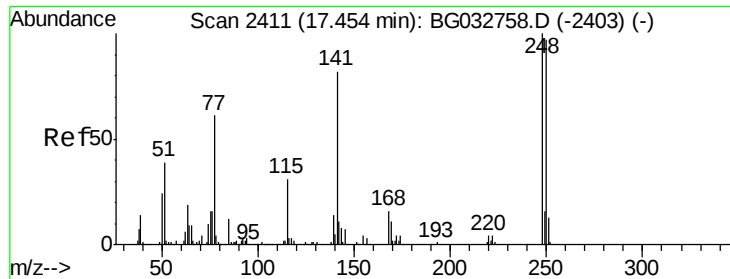


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

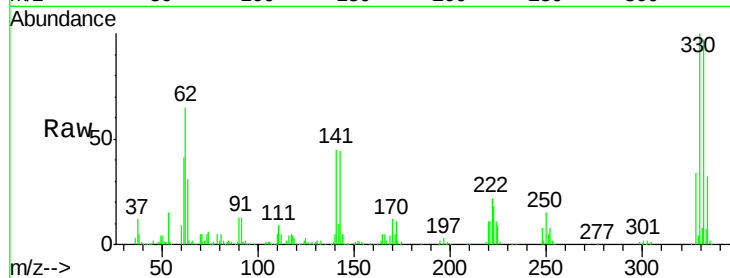




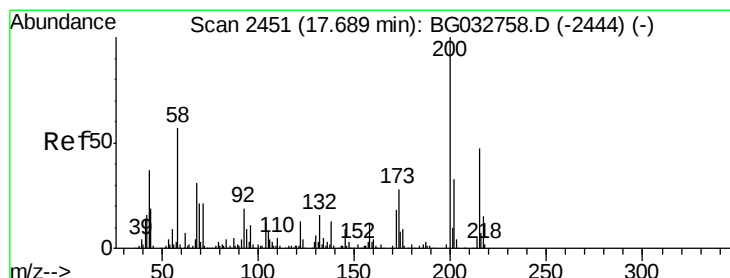
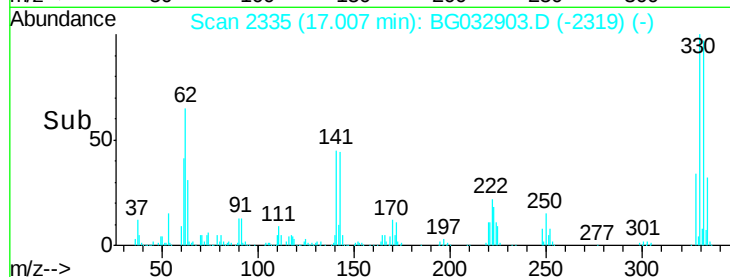
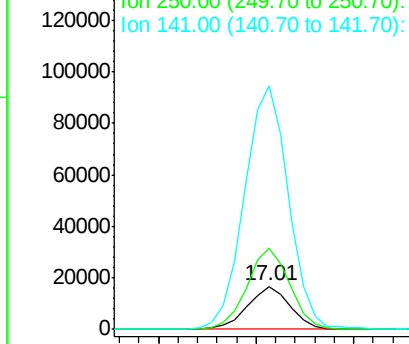
#66
4-Bromophenyl-phenylether
Concen: 1156.568 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.44 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

Instrument :
BNA_G
ClientSampleId :
PB106927BS

Tot Ion:248 Resp: 24728
Ion Ratio Lower Upper
248 100
250 189.5 77.1 115.7#
141 567.4 50.8 76.2#

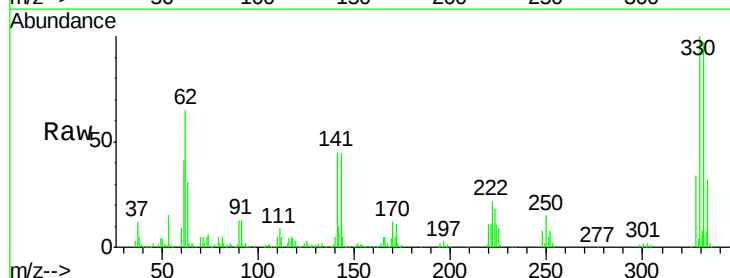


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

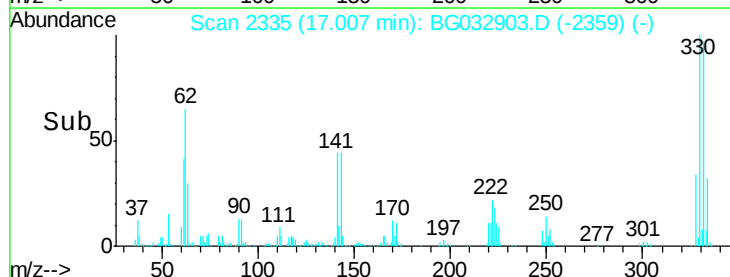
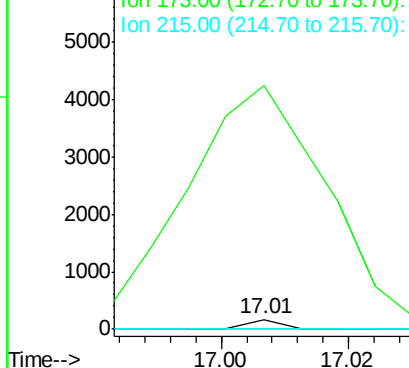


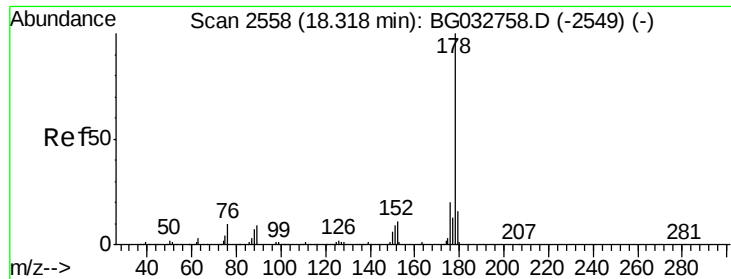
#68
Atrazine
Concen: 2.817 ng
RT: 17.01 min Scan# 2335
Delta R.T. -0.67 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

Tgt Ion:200 Resp: 61
Ion Ratio Lower Upper
200 100
173 2467.4 5.2 45.2#
215 0.0 30.4 70.4#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 16.612 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.75 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

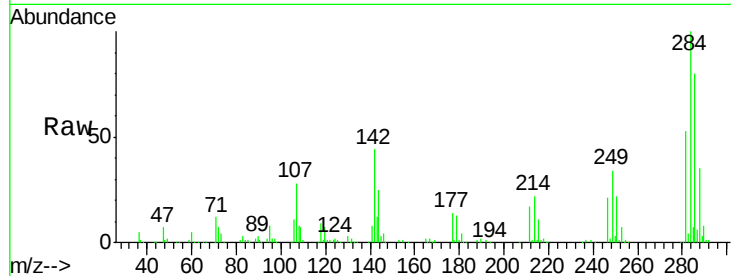
Tot Ion:178 Resp: 1874

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

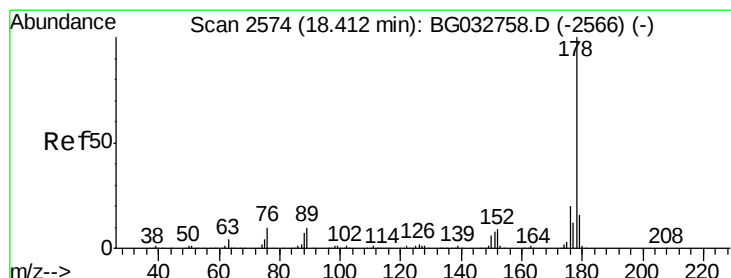
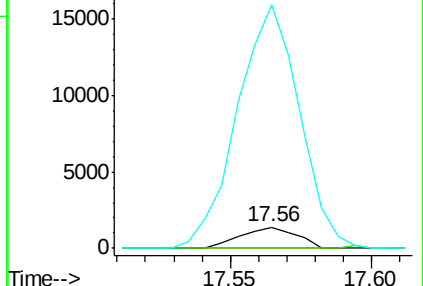
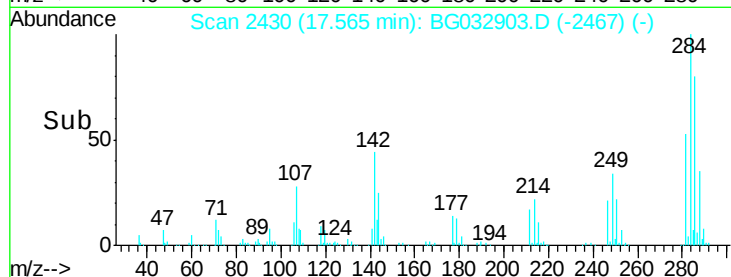
179 1132.1 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 4.388 ng

RT: 17.67 min Scan# 2448

Delta R.T. -0.73 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

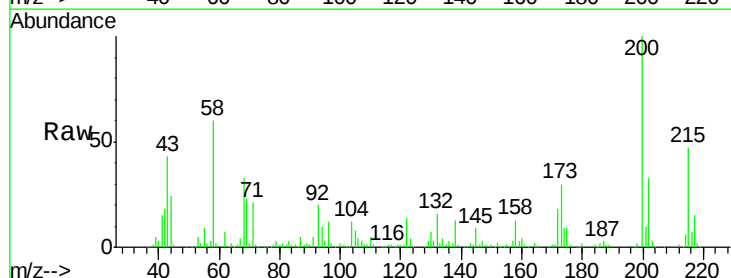
Tgt Ion:178 Resp: 497

Ion Ratio Lower Upper

178 100

176 251.2 16.0 24.0#

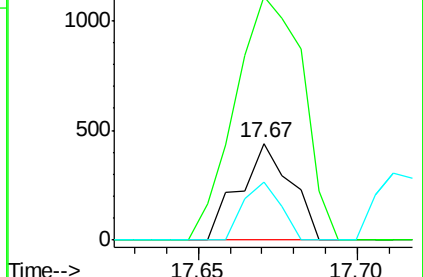
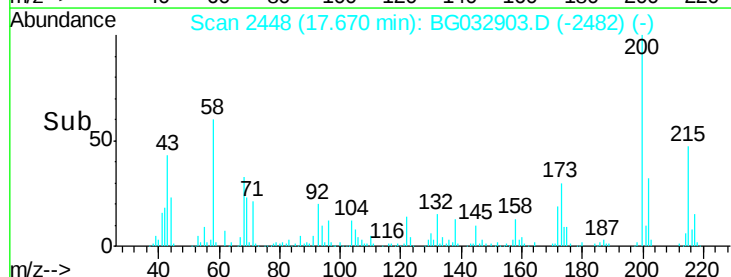
179 59.4 12.5 18.7#

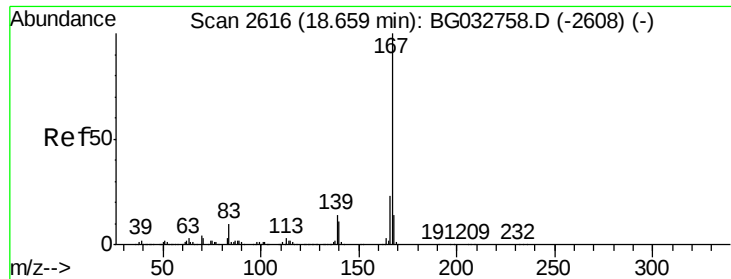


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 1064.405 ng

RT: 17.90 min Scan# 2487

Delta R.T. -0.76 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

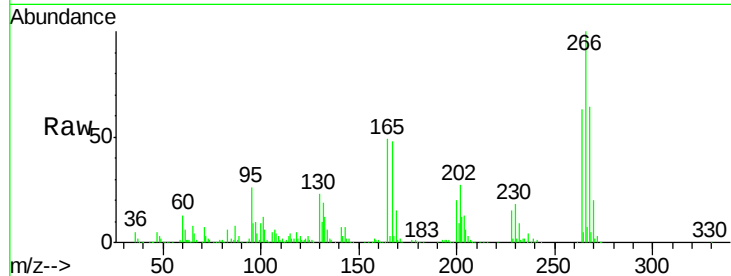
Tot Ion:167 Resp: 118819

Ion Ratio Lower Upper

167 100

166 7.2 18.2 27.4#

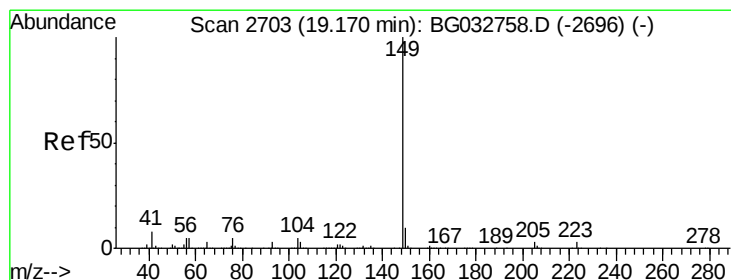
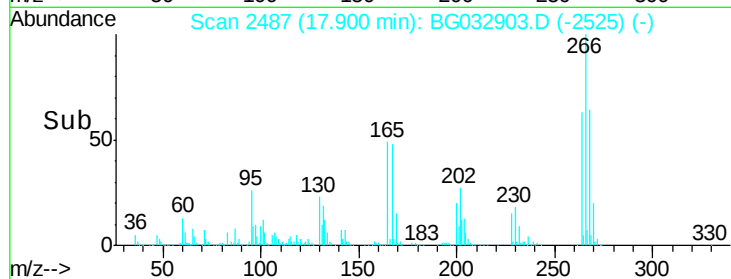
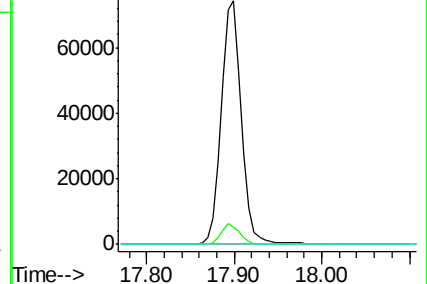
139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 74.956 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.77 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

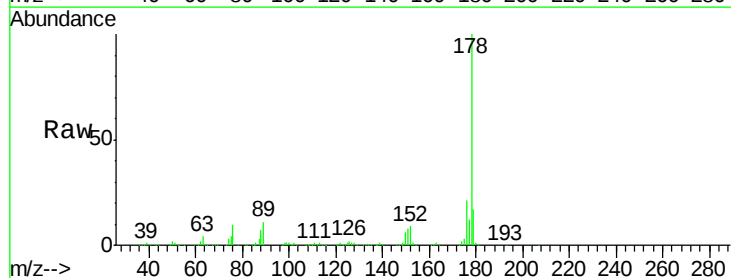
Tgt Ion:149 Resp: 10265

Ion Ratio Lower Upper

149 100

150 570.2 7.8 11.6#

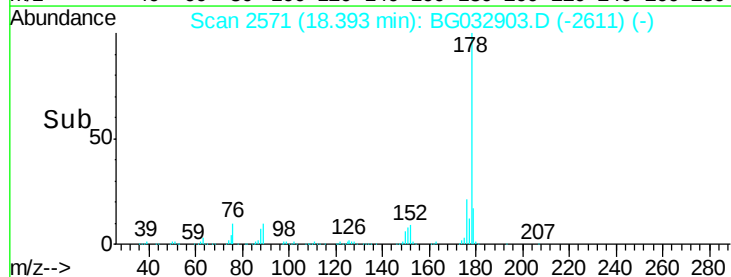
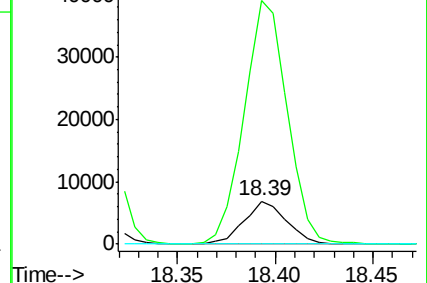
104 0.0 3.9 5.9#

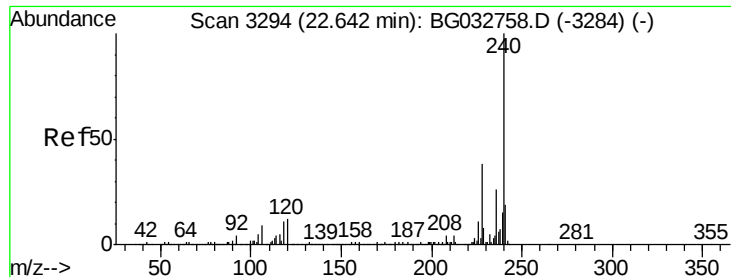


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

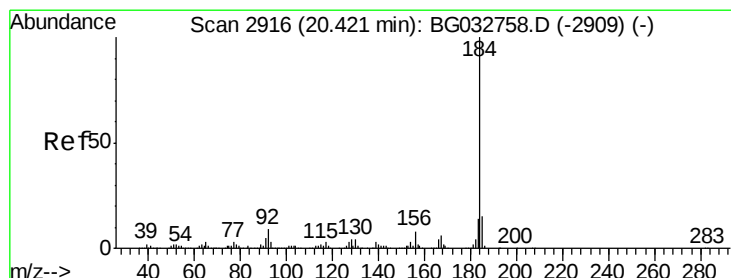
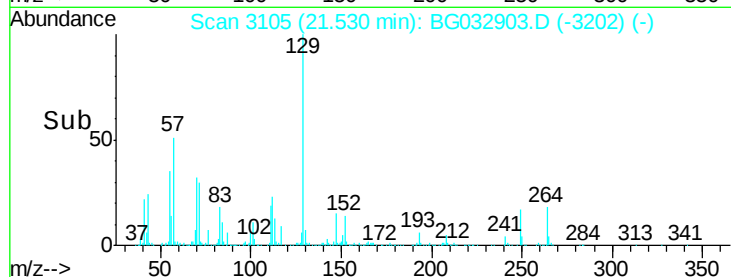
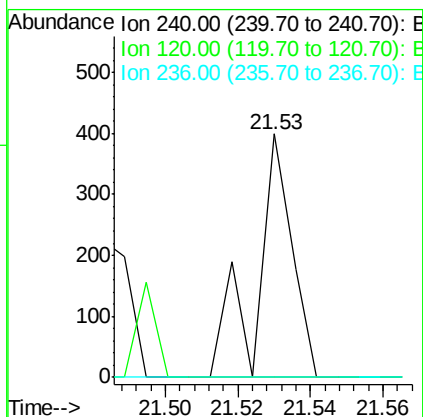
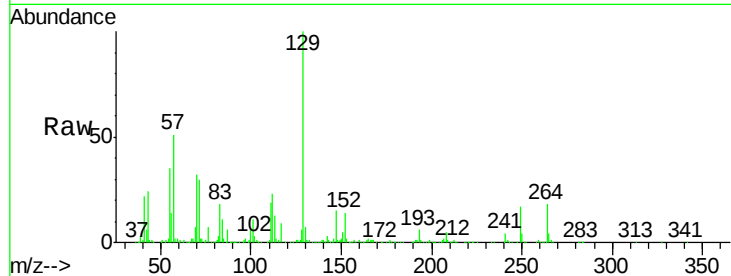




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3105
Delta R.T. -1.10 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

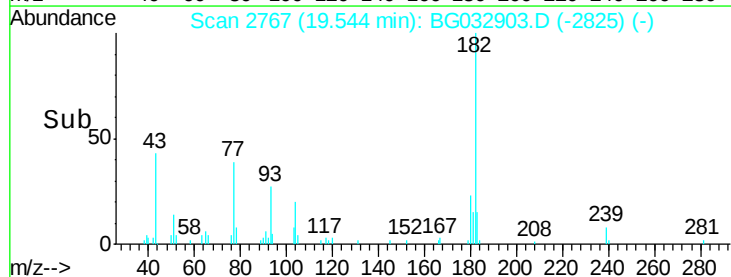
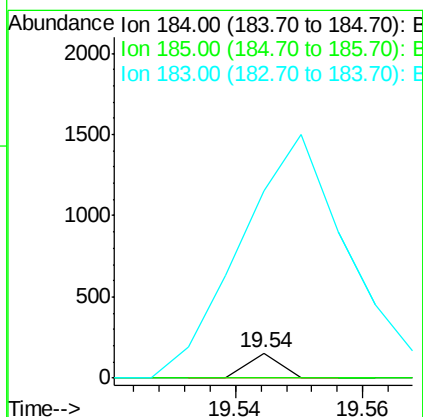
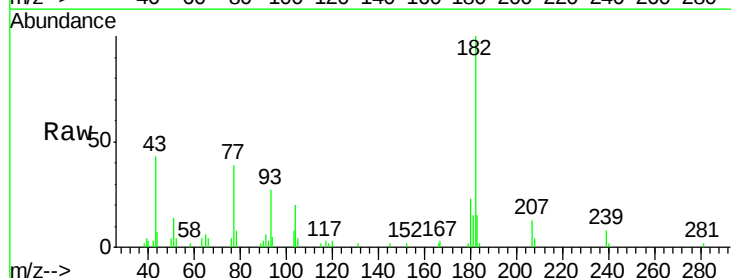
Instrument :
BNA_G
ClientSampleId :
PB106927BS

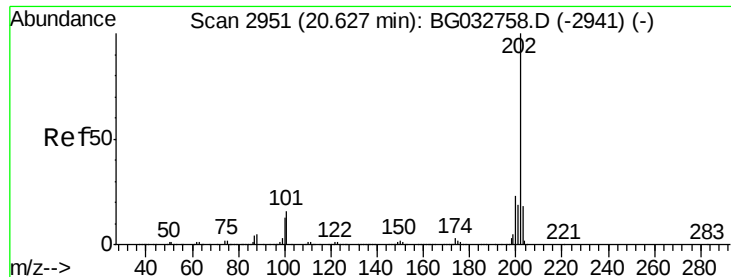
Tot Ion:240 Resp: 270
Ion Ratio Lower Upper
240 100
120 0.0 6.8 10.2#
236 0.0 20.9 31.3#



#76
Benzidine
Concen: 5.867 ng
RT: 19.54 min Scan# 2767
Delta R.T. -0.87 min
Lab File: BG032903.D
Acq: 1 Mar 2018 00:52

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
185 0.0 11.1 16.7#
183 752.9 10.6 16.0#





#77

Pvrene

Concen: 3.256 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.91 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

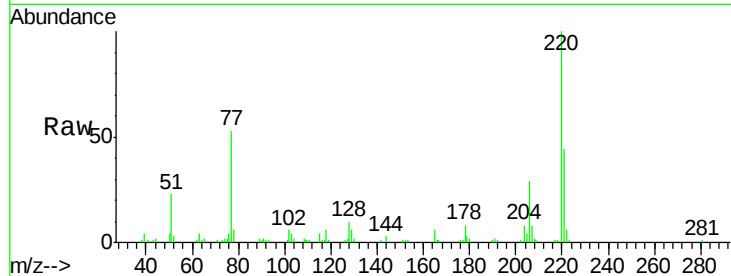
Tot Ion: 202 Resp: 62

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

203 0.0 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

250

200

150

100

50

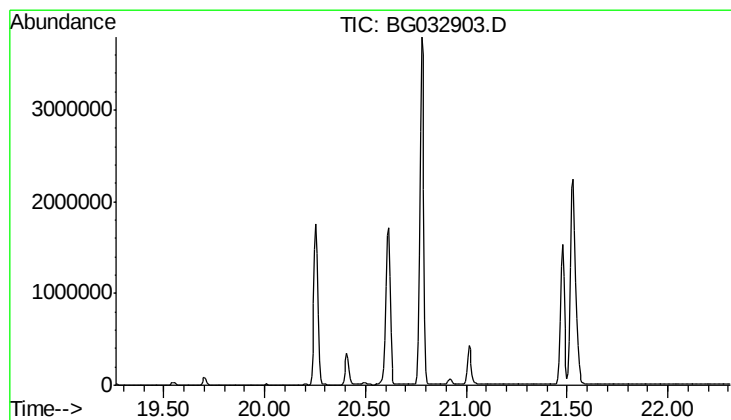
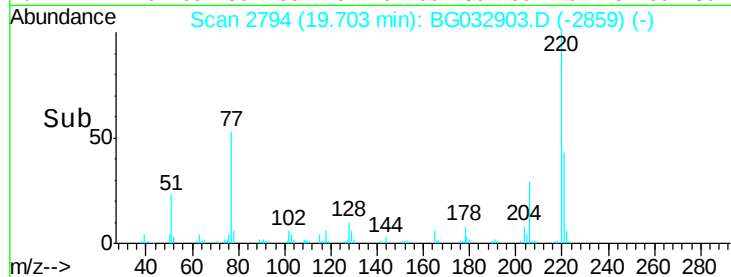
0

19.68

19.70

19.72

Time-->



#78

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 20.79 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

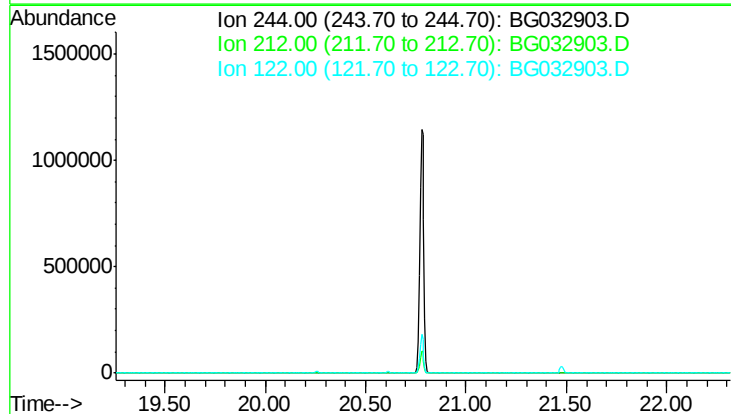
Tgt Ion: 244

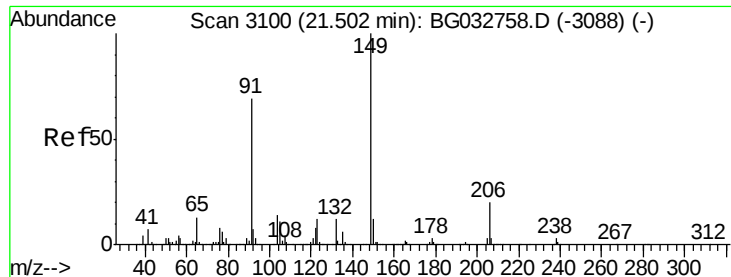
Sig Exp Ratio

244 100

212 7.3

122 8.7





#79

Butylbenzylphthalate

Concen: 1066.936 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.87 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

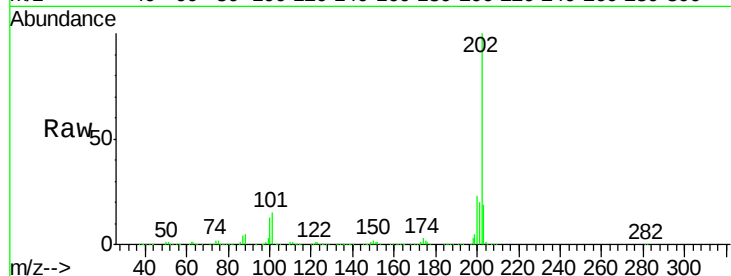
Tot Ion:149 Resp: 9007

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

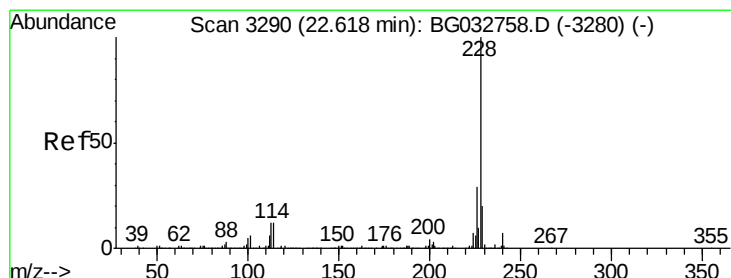
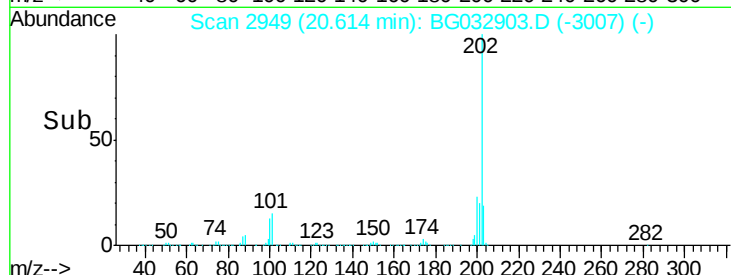
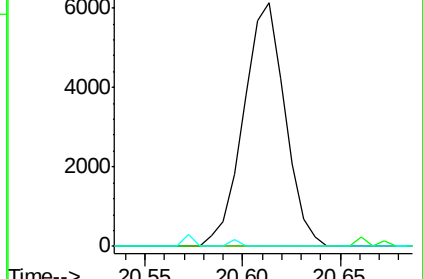
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 16.576 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.94 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

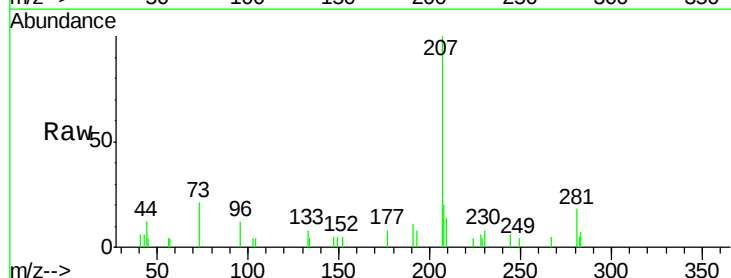
Tgt Ion:228 Resp: 287

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

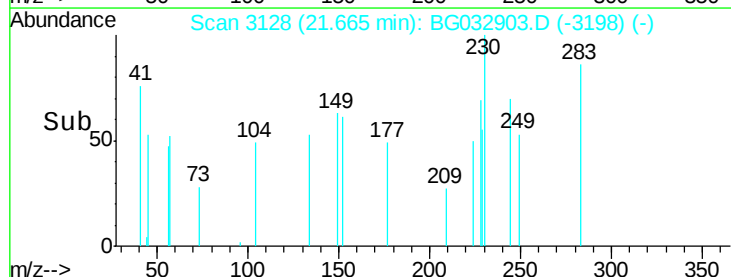
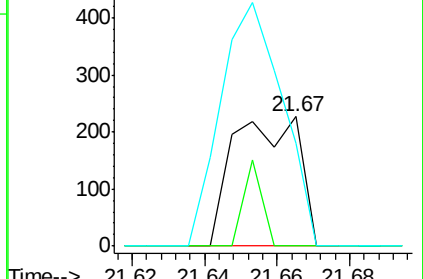
229 79.3 16.2 24.2#

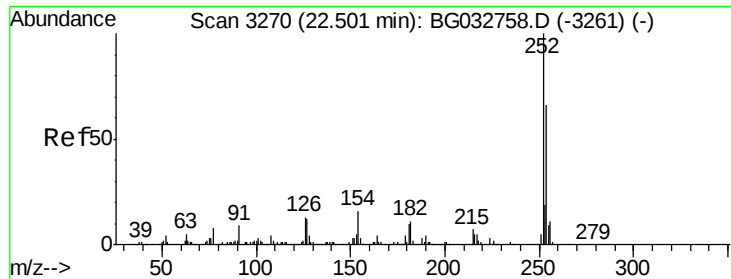


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

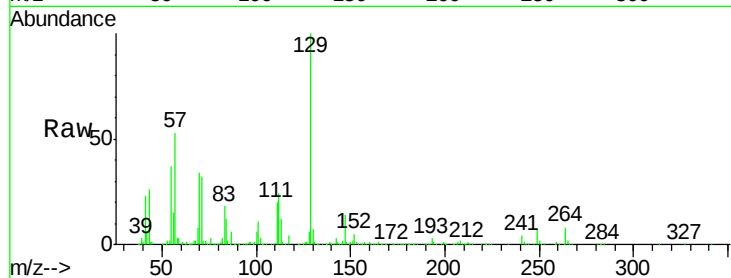




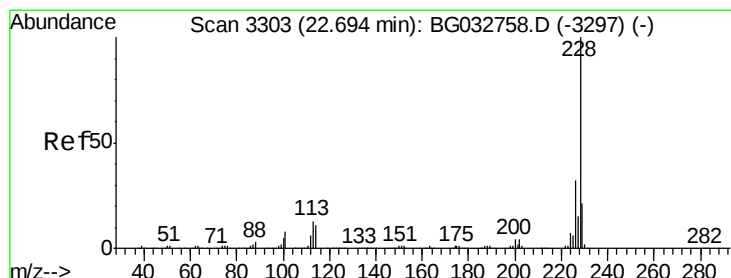
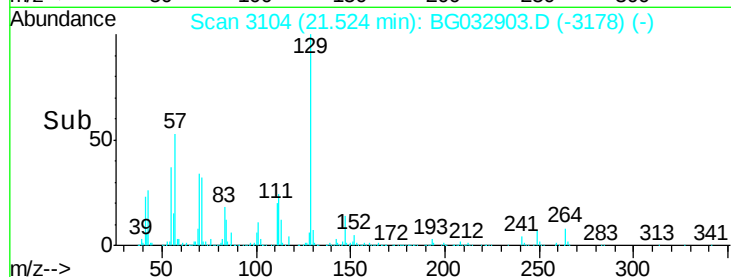
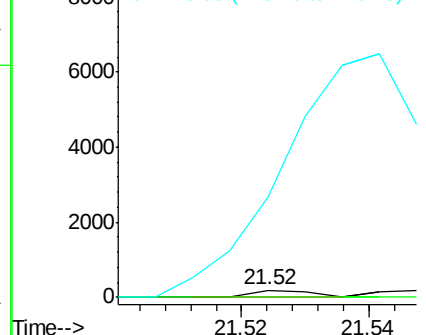
#81
 3,3'-Dichlorobenzidine
 Concen: 19.493 ng
 RT: 21.52 min Scan# 3104
 Delta R.T. -0.97 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Instrument :
 BNA_G
 ClientSampleId :
 PB106927BS

Tot Ion:252 Resp: 125
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.8 76.2#
 126 1340.4 7.4 11.2#

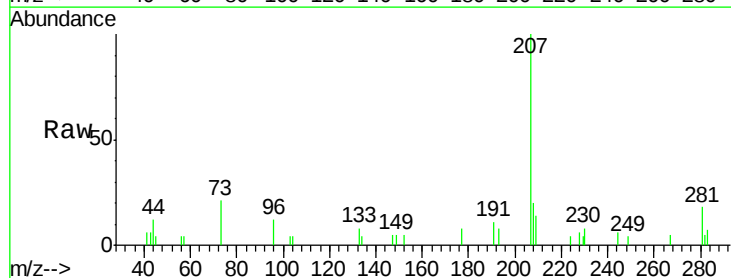


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

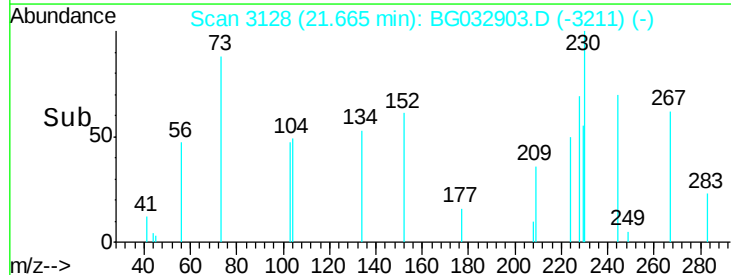
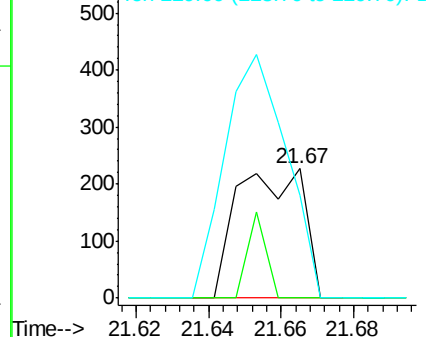


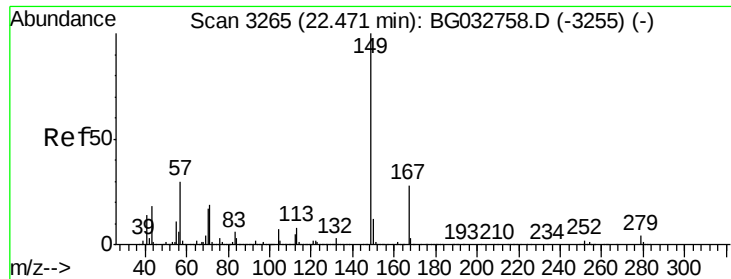
#82
 Chrysene
 Concen: 17.353 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -1.02 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Tgt Ion:228 Resp: 287
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.9 37.3#
 229 79.3 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41982.164 ng

RT: 21.48 min Scan# 3096

Delta R.T. -0.97 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

Instrument :

BNA_G

ClientSampleId :

PB106927BS

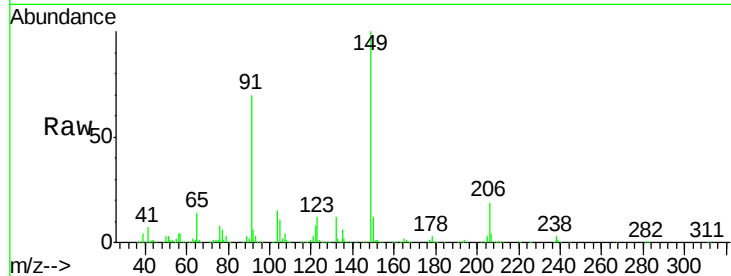
Tot Ion:149 Resp: 524611

Ion Ratio Lower Upper

149 100

167 0.3 24.3 36.5#

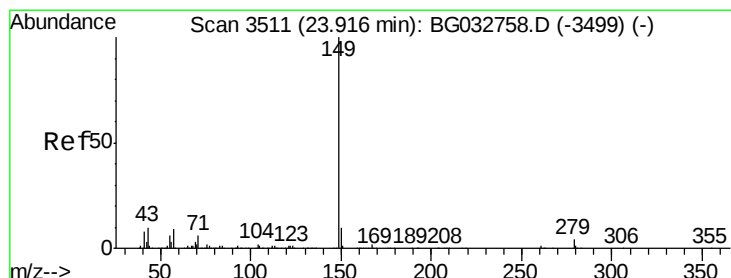
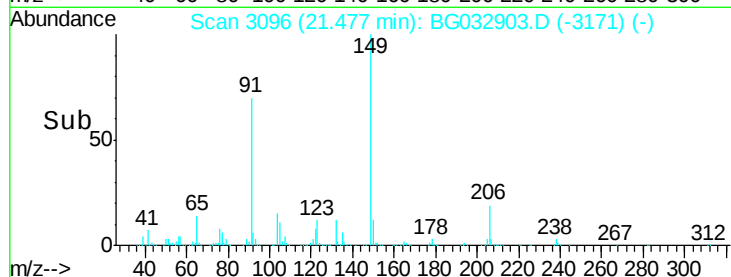
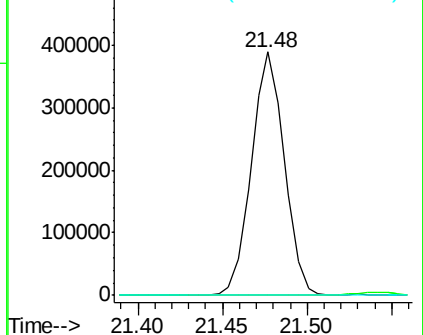
279 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39140.631 ng

RT: 22.43 min Scan# 3258

Delta R.T. -1.45 min

Lab File: BG032903.D

Acq: 1 Mar 2018 00:52

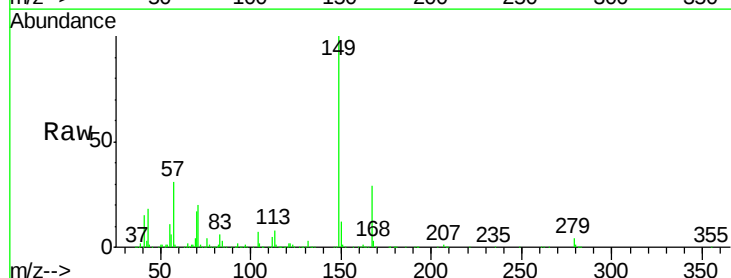
Tgt Ion:149 Resp: 745513

Ion Ratio Lower Upper

149 100

167 28.2 1.4 2.0#

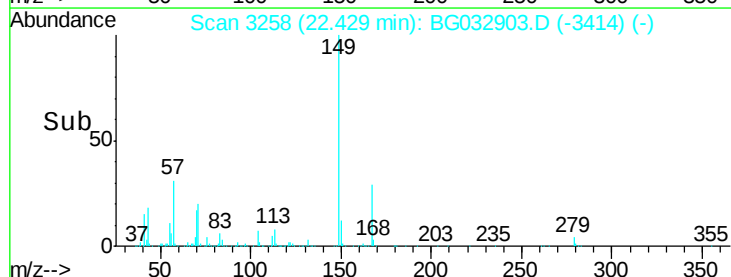
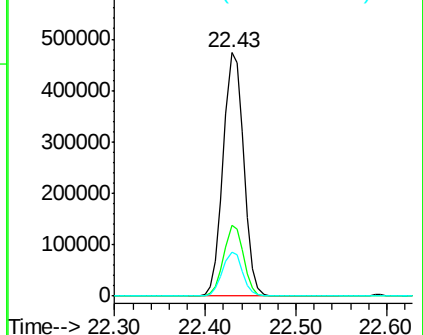
43 17.6 8.9 13.3#

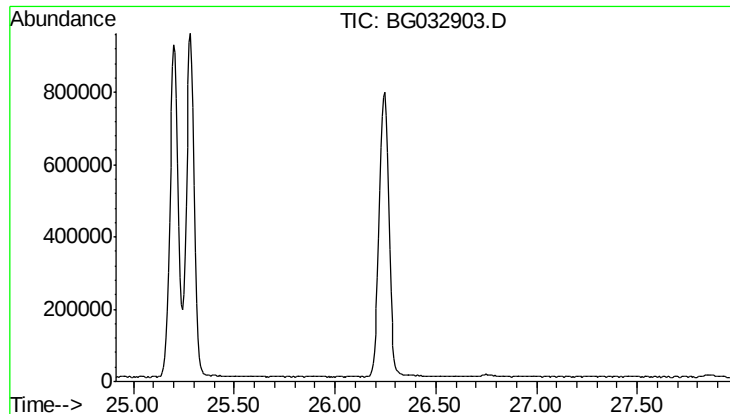


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#86
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 26.44 min
 Lab File: BG032903.D
 Acq: 1 Mar 2018 00:52

Instrument :
 BNA_G
 ClientSampleId :
 PB106927BS

Tot Ion: 264	
Sig	Exp Ratio
264	100
260	21.7
265	22.1

