

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032767.D
 Acq On : 21 Feb 2018 19:42
 Operator : SJ/JU
 Sample : J1404-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-022018

Quant Time: Feb 22 06:15:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	71773	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	310643	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	171754	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	390411	20.00	ng	-0.01
75) Chrysene-d12	22.63	240	387960	20.00	ng	-0.02
86) Perylene-d12	26.44	264	414980	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	582160	129.77	ng	0.00
7) Phenol-d6	8.02	99	685163	109.57	ng	0.00
23) Nitrobenzene-d5	10.13	82	484446	105.51	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	280828	155.50	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1087012	91.28	ng	0.00
78) Terphenyl-d14	20.79	244	1603353	92.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	9135	4.692	ng	# 1
3) Pyridine	4.20	79	54	0.010	ng	# 1
4) n-Nitrosodimethylamine	4.32	42	222	0.103	ng	# 1
6) Aniline	8.22	93	57	0.007	ng	# 41
8) 2-Chlorophenol	8.43	128	55	0.011	ng	# 1
9) Benzaldehyde	8.02	77	1058	0.294	ng	# 5
10) Phenol	8.44	94	1370	0.217	ng	# 1
11) bis(2-Chloroethyl)ether	8.22	93	57	0.011	ng	# 16
15) Benzyl Alcohol	9.27	79	8270	1.799	ng	# 24
16) 2,2'-oxybis(1-Chloropropan	9.47	45	208	0.023	ng	# 75
19) n-Nitroso-di-n-propylamine	10.13	70	63604	14.408	ng	# 81
22) Acetophenone	9.77	105	754	0.096	ng	# 81
24) Nitrobenzene	10.12	77	1565	6.654	ng	# 32
25) Isophorone	10.69	82	60	0.006	ng	# 69
31) Naphthalene	11.87	128	39239	2.417	ng	# 98
33) 4-Chloroaniline	11.87	127	5612	0.773	ng	# 30
37) 2-Methylnaphthalene	13.42	142	2311	0.197	ng	# 98
45) 1,1'-Biphenyl	14.38	154	3194	0.213	ng	# 90
47) 2-Nitroaniline	14.18	65	1941	10.382	ng	# 3
48) Acenaphthylene	15.27	152	505	0.028	ng	# 59
50) 2,6-Dinitrotoluene	15.54	165	22254	16.409	ng	# 21
51) Acenaphthene	15.60	154	650	0.057	ng	# 70
54) Dibenzofuran	15.93	168	1299	0.080	ng	# 79
55) 4-Nitrophenol	15.93	139	395	7.231	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	22254	14.607	ng	# 19
57) Fluorene	16.58	166	936	0.070	ng	# 93
59) Diethylphthalate	16.30	149	4437	0.288	ng	# 97
62) Azobenzene	16.85	77	55	0.004	ng	# 48
64) 4,6-Dinitro-2-methylphenol	17.02	198	877	5.902	ng	# 1
65) n-Nitrosodiphenylamine	17.01	169	11445	0.901	ng	# 48
66) 4-Bromophenyl-phenylether	17.01	248	20204	4.894	ng	# 1
70) Phenanthrene	18.31	178	2115	0.097	ng	# 81
71) Anthracene	18.41	178	167	0.008	ng	# 59
72) Carbazole	18.65	167	216	0.010	ng	# 59

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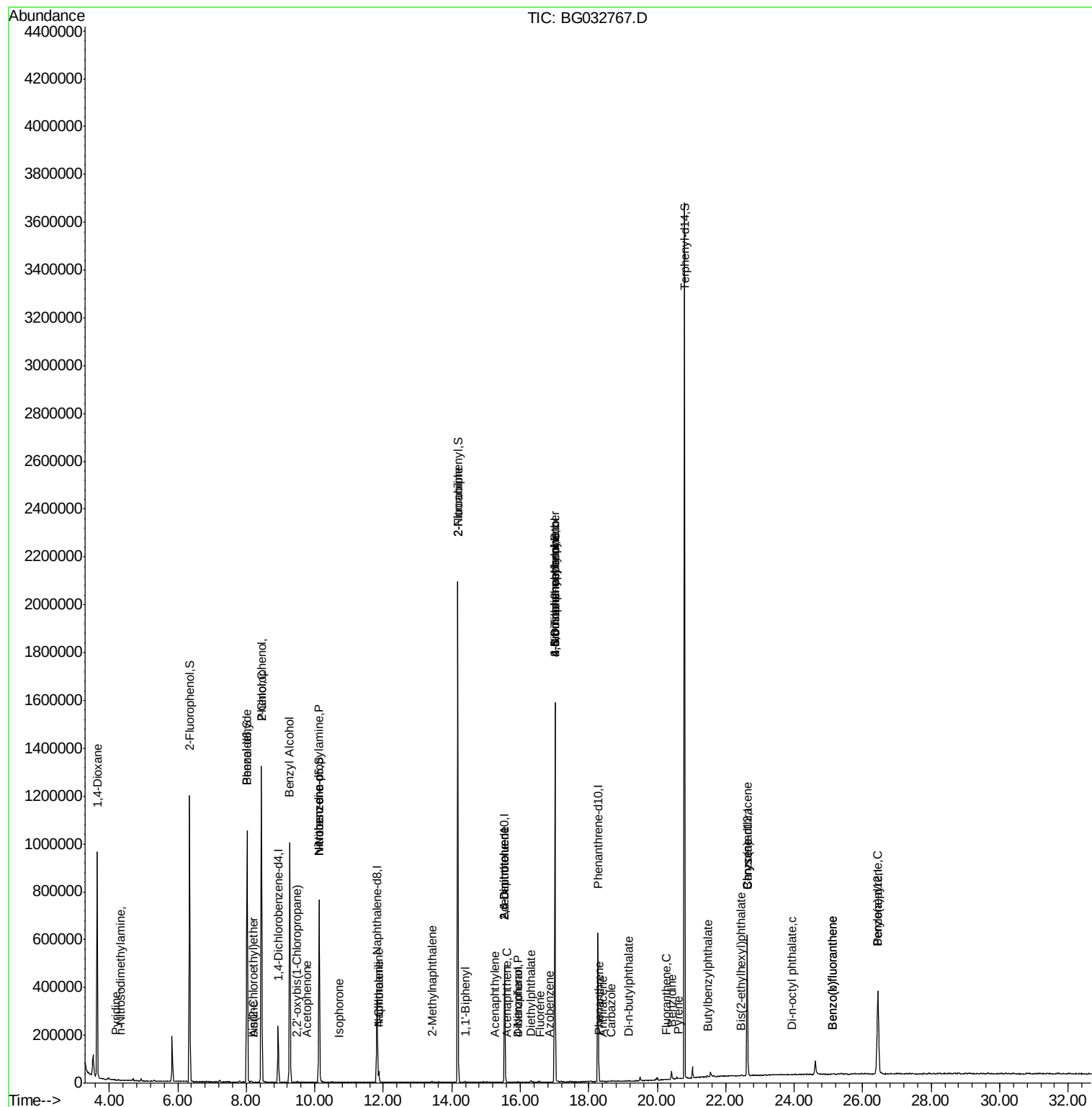
Quant Time: Feb 22 06:15:26 2018
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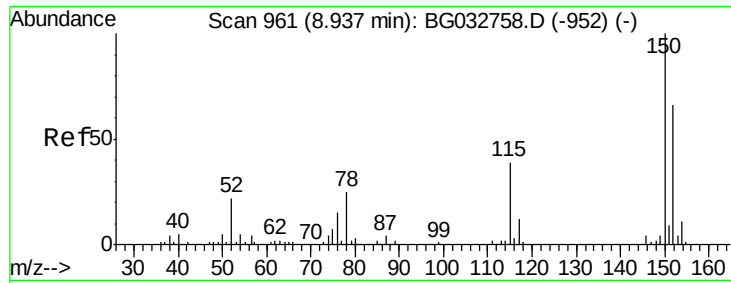
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	19.17	149	1621	0.061	nq	# 87
74) Fluoranthene	20.26	202	322	0.013	nq	65
76) Benzdine	20.42	184	19556	1.479	nq	100
77) Pyrene	20.62	202	249	0.009	nq	# 57
79) Butylbenzylphthalate	21.49	149	137	0.011	nq	# 89
80) Benzo(a)anthracene	22.62	228	1151	0.046	nq	# 45
82) Chrysene	22.62	228	1151	0.048	nq	# 41
83) Bis(2-ethylhexyl)phthalate	22.46	149	2251	0.125	nq	# 85
84) Di-n-octyl phthalate	23.93	149	330	0.012	nq	# 1
87) Benzo(b)fluoranthene	25.12	252	56	0.002	nq	# 59
88) Benzo(k)fluoranthene	25.12	252	56	0.002	nq	# 60
89) Benzo(a)pyrene	26.43	252	1502	0.064	nq	# 38

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

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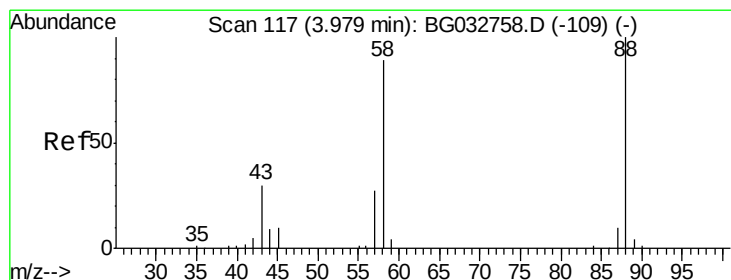
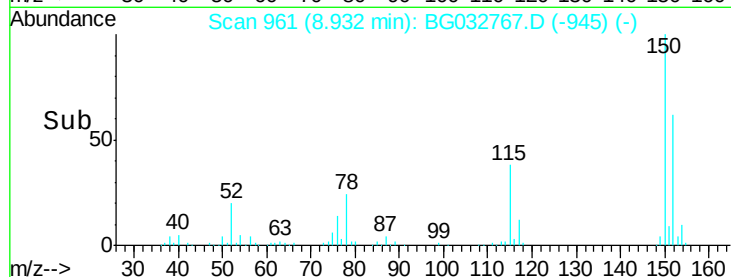
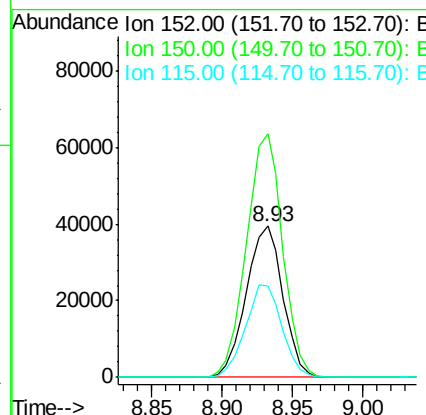
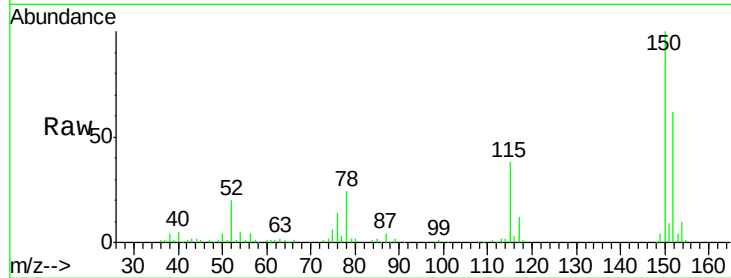


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Instrument :
BNA_G
ClientSampleId :
TR-05-022018

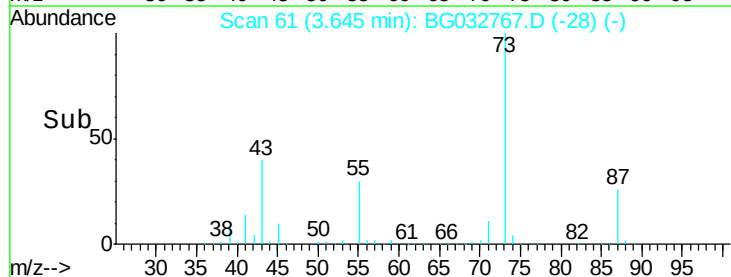
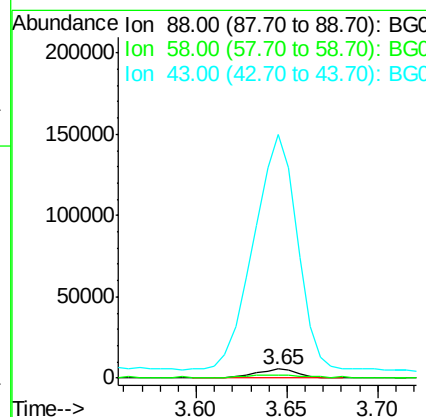
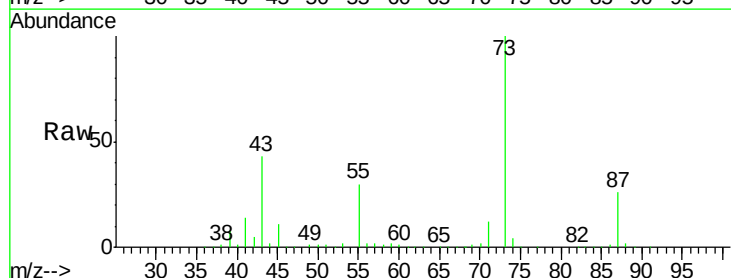
Tot Ion:152 Resp: 71773
Ion Ratio Lower Upper
152 100
150 161.0 126.6 189.8
115 60.7 53.0 79.4

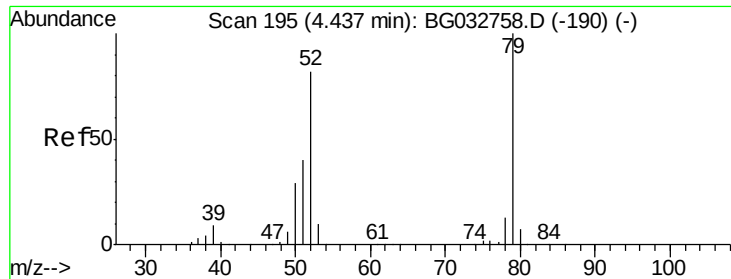


#2

1,4-Dioxane
Concen: 4.692 ng
RT: 3.65 min Scan# 61
Delta R.T. -0.33 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion: 88 Resp: 9135
Ion Ratio Lower Upper
88 100
58 34.1 79.6 119.4#
43 2739.8 27.4 41.0#





#3

Pvridine

Concen: 0.010 ng

RT: 4.20 min Scan# 155

Delta R.T. -0.24 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

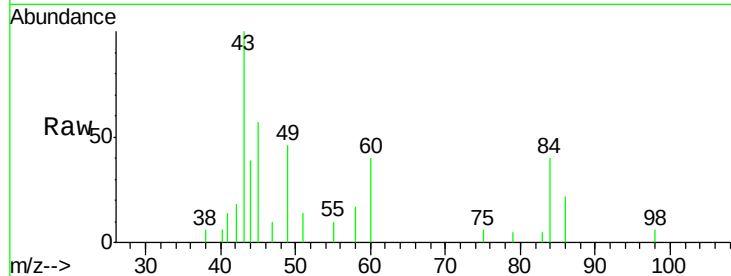
Tot Ion: 79 Resp: 54

Ion Ratio Lower Upper

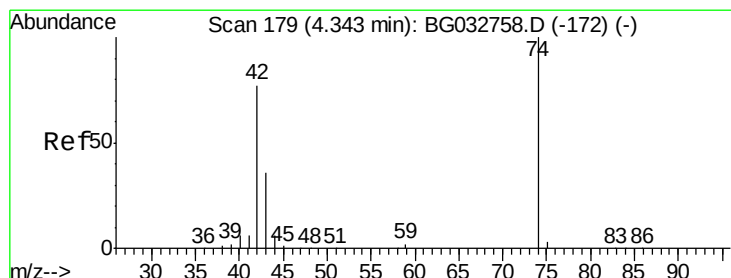
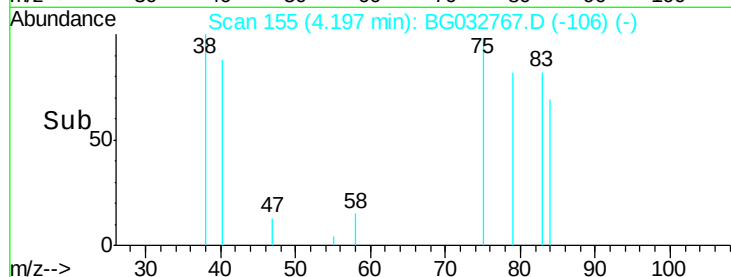
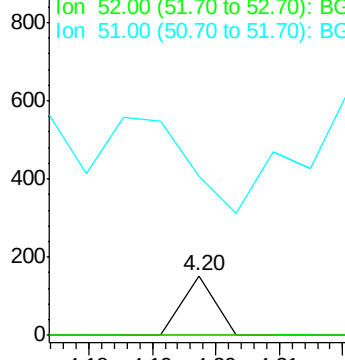
79 100

52 0.0 69.9 104.9#

51 267.8 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.103 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.02 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

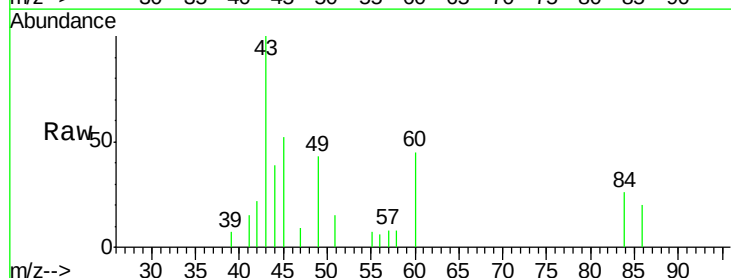
Tgt Ion: 42 Resp: 222

Ion Ratio Lower Upper

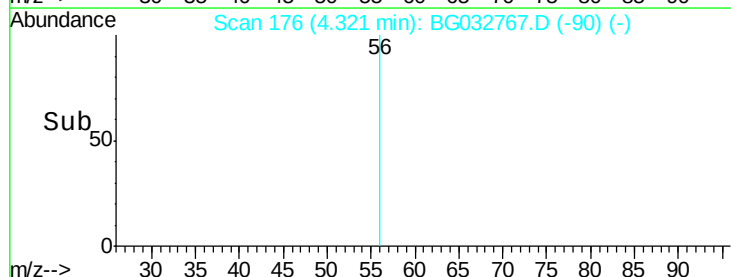
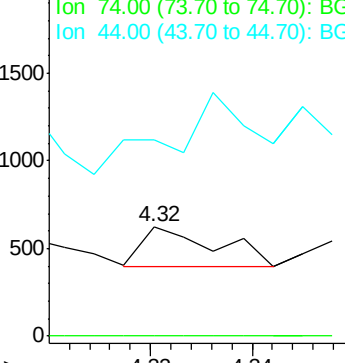
42 100

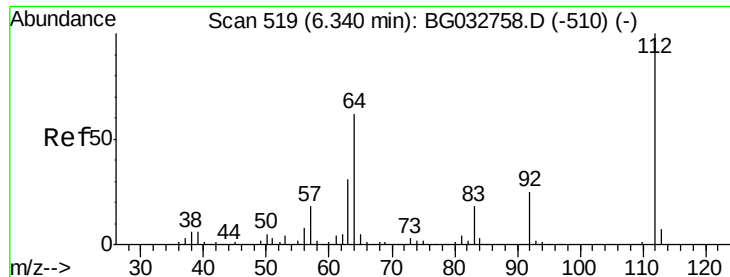
74 0.0 102.5 153.7#

44 180.0 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 129.766 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

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ClientSampleId :

TR-05-022018

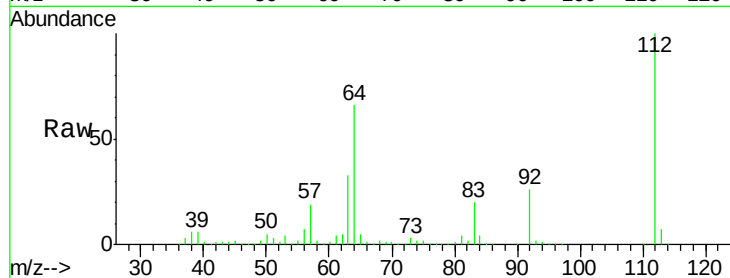
Tot Ion: 112 Resp: 582160

Ion Ratio Lower Upper

112 100

64 65.8 56.3 84.5

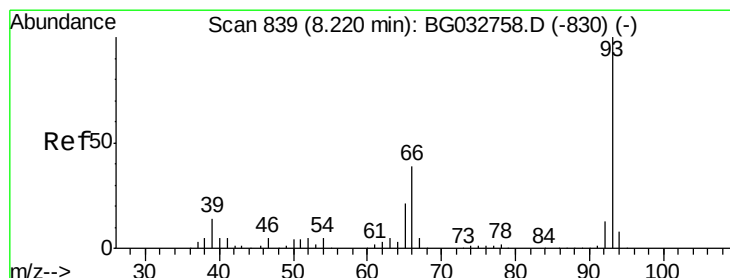
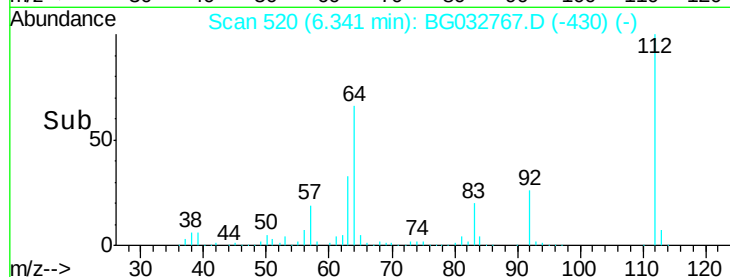
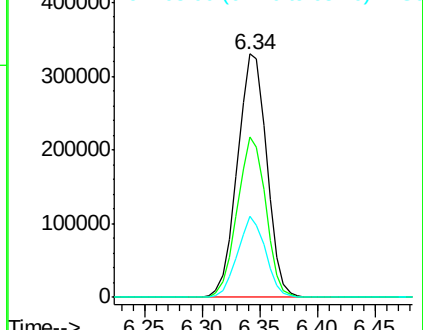
63 33.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.007 ng

RT: 8.22 min Scan# 840

Delta R.T. 0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

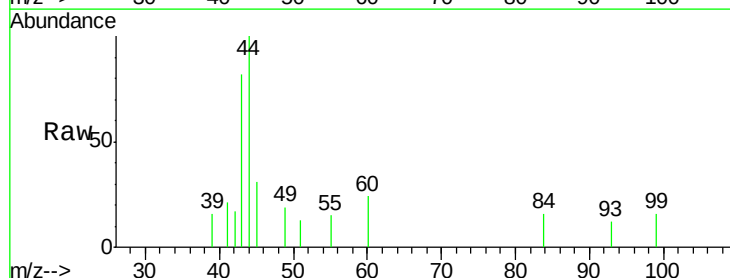
Tgt Ion: 93 Resp: 57

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

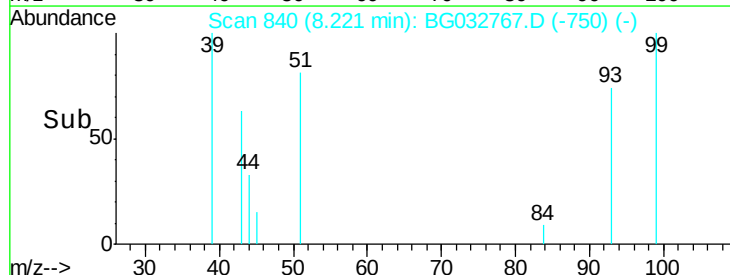
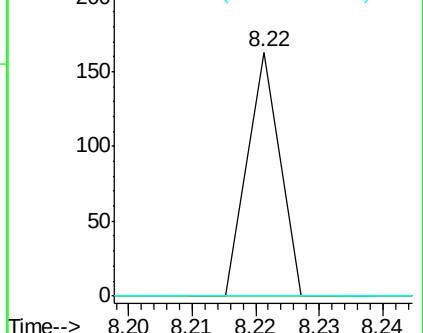
65 0.0 16.1 24.1#

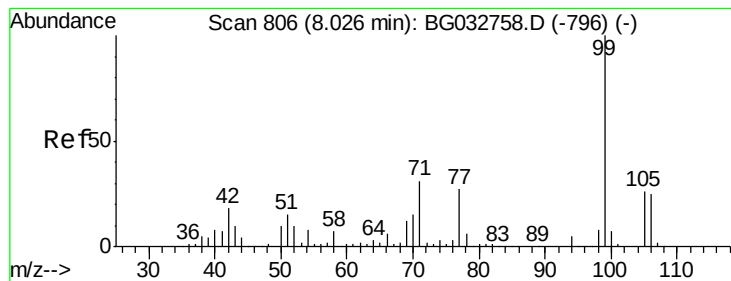


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.571 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

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ClientSampleId :

TR-05-022018

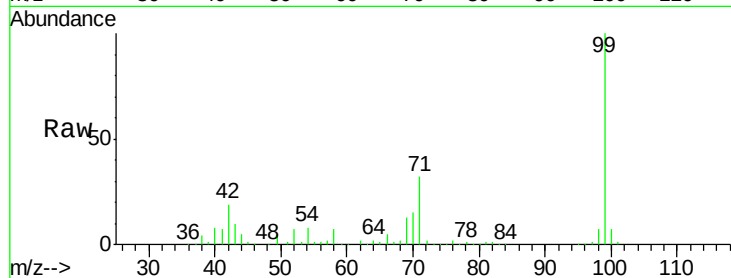
Tot Ion: 99 Resp: 685163

Ion Ratio Lower Upper

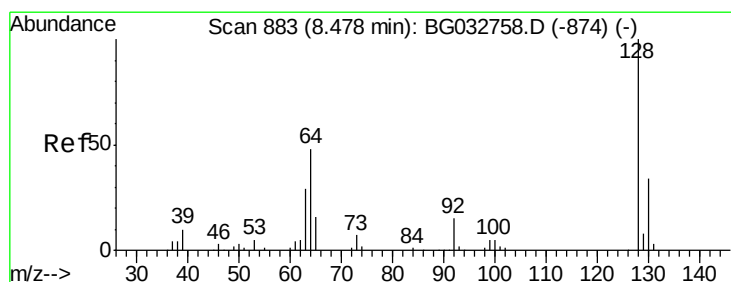
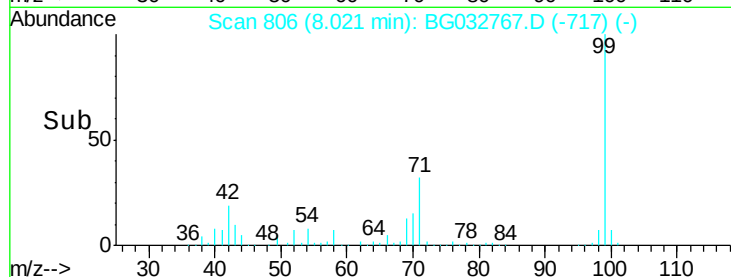
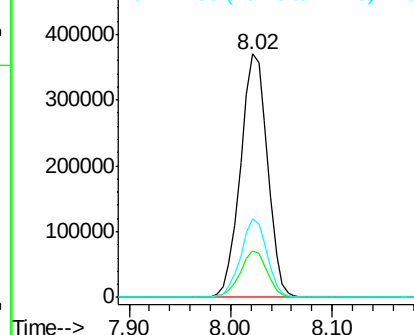
99 100

42 19.2 14.1 21.1

71 32.0 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



#8

2-Chlorophenol

Concen: 0.011 ng

RT: 8.43 min Scan# 876

Delta R.T. -0.05 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

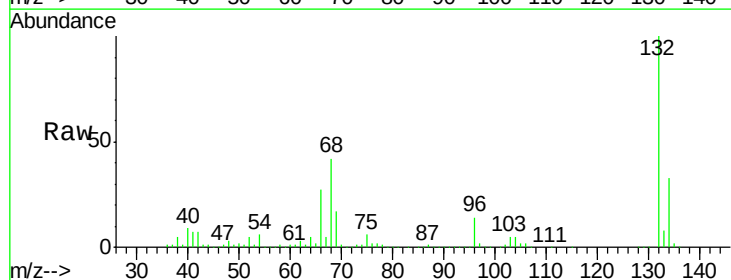
Tgt Ion: 128 Resp: 55

Ion Ratio Lower Upper

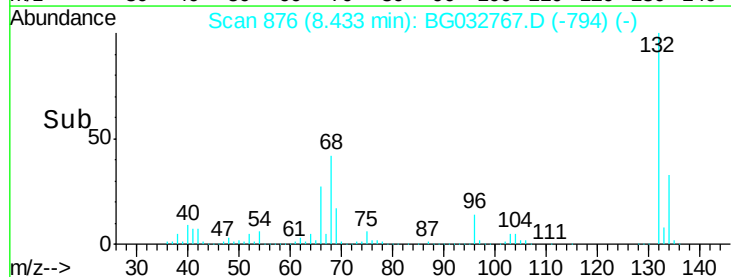
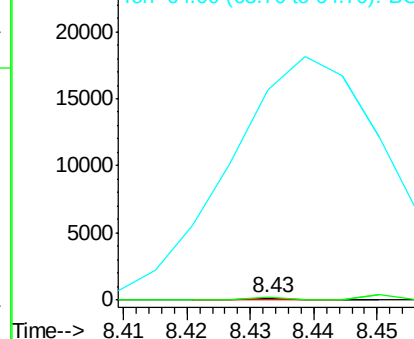
128 100

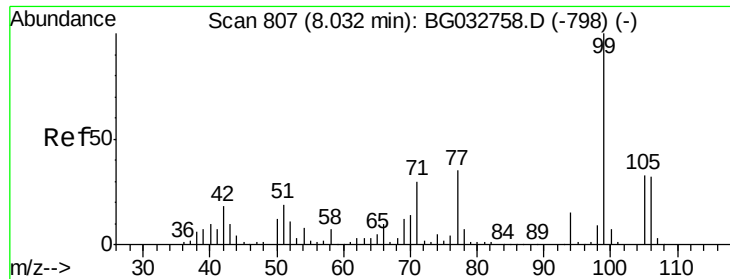
130 166.5 14.0 54.0#

64 10110.3 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

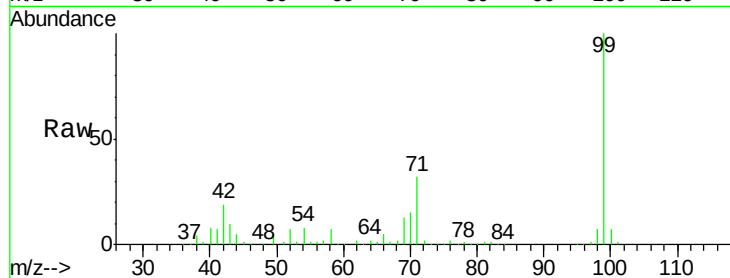




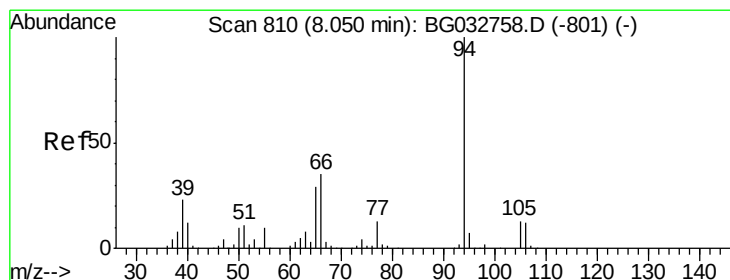
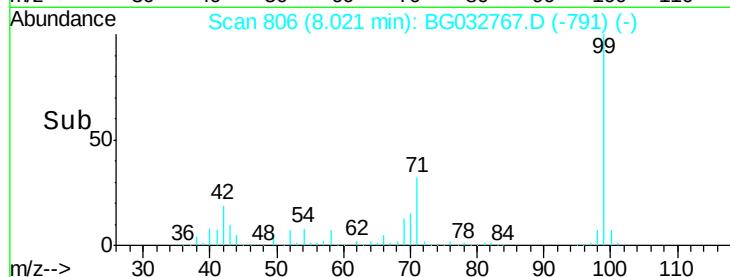
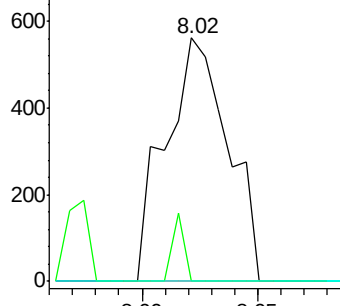
#9
Benzaldehyde
Concen: 0.294 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.01 min
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Tot Ion: 77 Resp: 1058
Ion Ratio Lower Upper
77 100
105 0.0 71.3 111.3#
106 0.0 64.2 104.2#

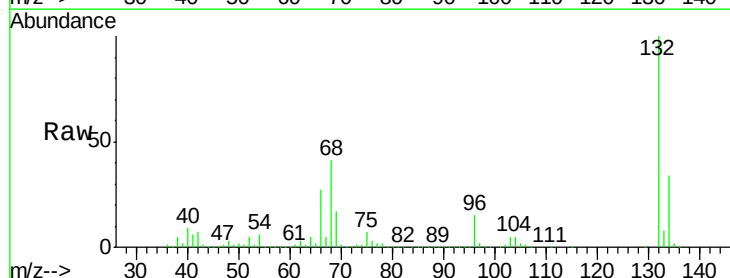


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

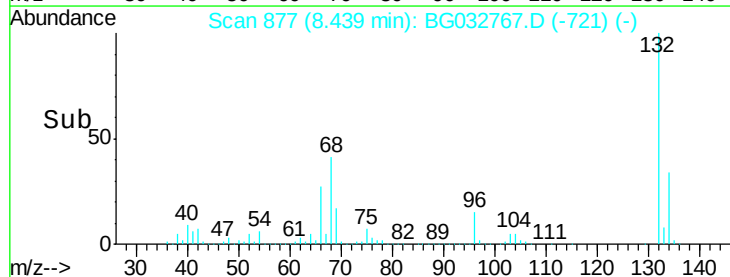
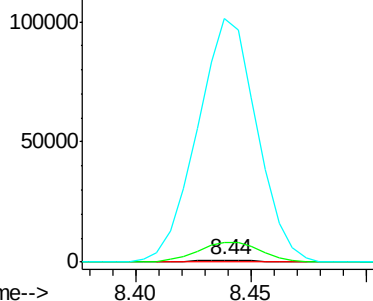


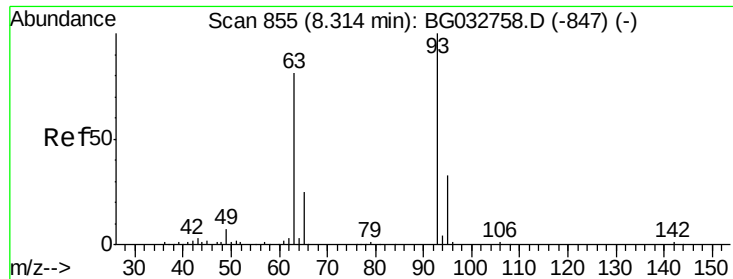
#10
Phenol
Concen: 0.217 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.39 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion: 94 Resp: 1370
Ion Ratio Lower Upper
94 100
65 1005.7 11.9 51.9#
66 12301.0 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

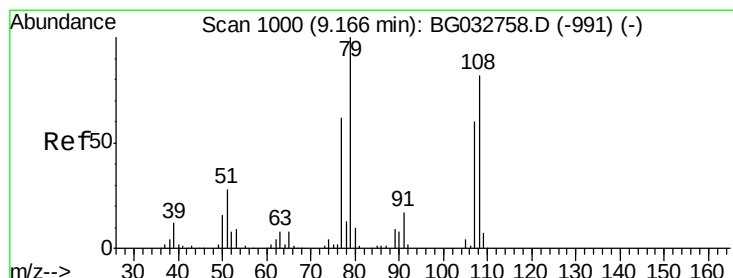
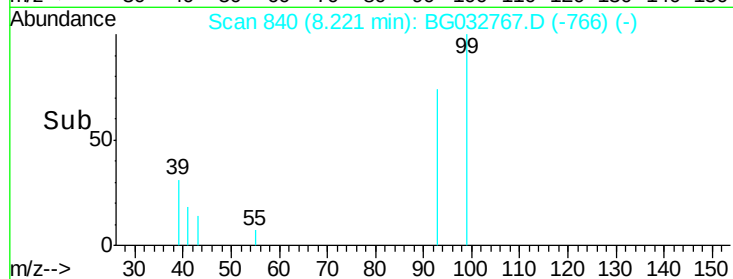
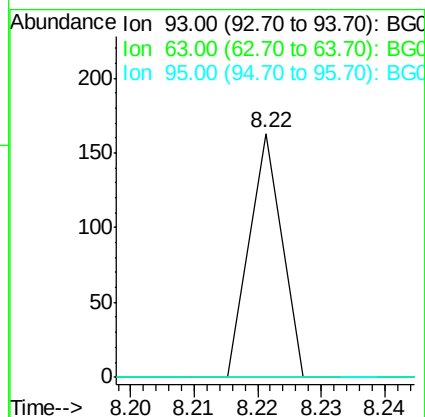
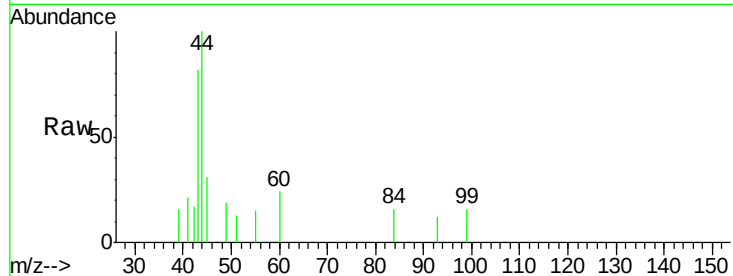




#11
bis(2-Chloroethyl)ether
Concen: 0.011 ng
RT: 8.22 min Scan# 840
Delta R.T. -0.09 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

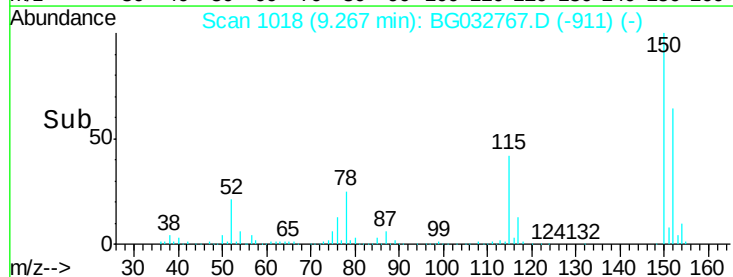
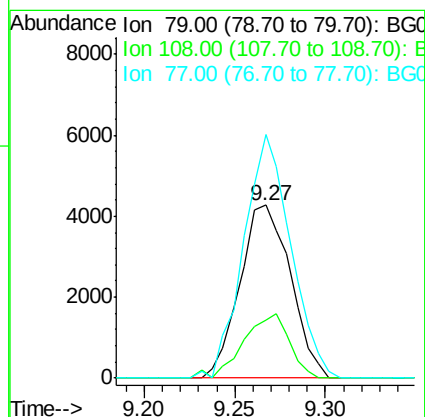
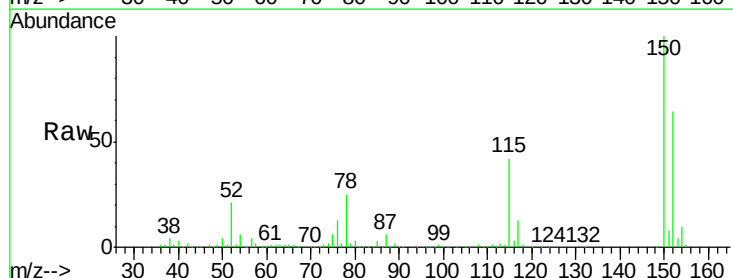
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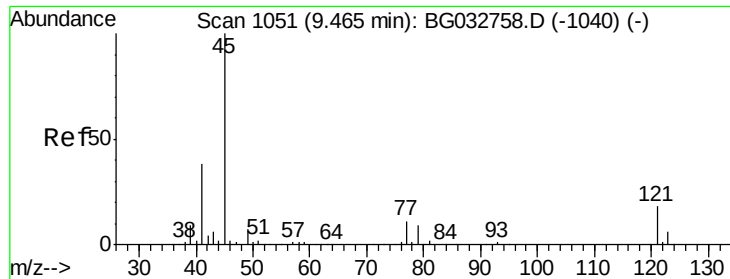
Tot Ion: 93 Resp: 57
Ion Ratio Lower Upper
93 100
63 0.0 67.1 107.1#
95 0.0 11.5 51.5#



#15
Benzyl Alcohol
Concen: 1.799 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.10 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion: 79 Resp: 8270
Ion Ratio Lower Upper
79 100
108 33.6 57.2 85.8#
77 141.1 46.1 69.1#

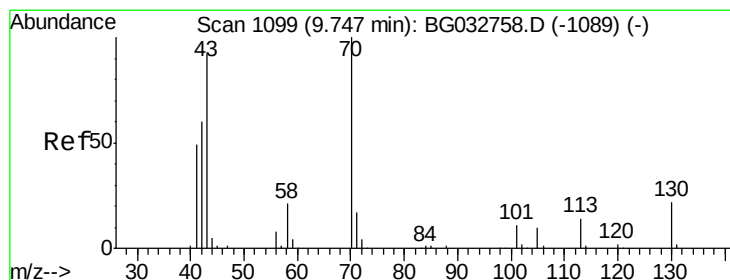
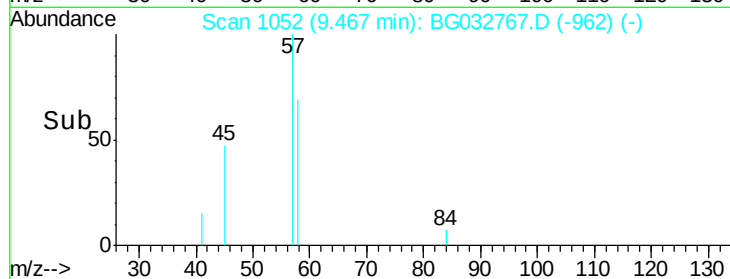
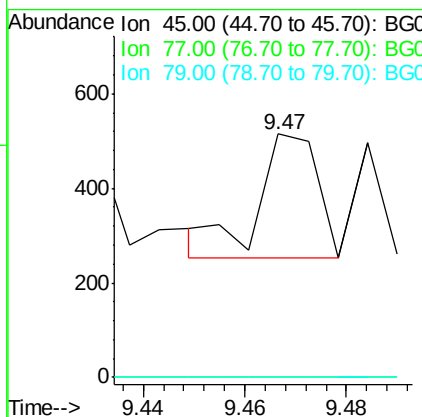
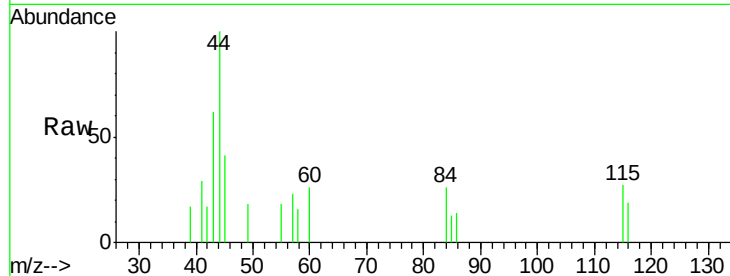




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.023 ng
RT: 9.47 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

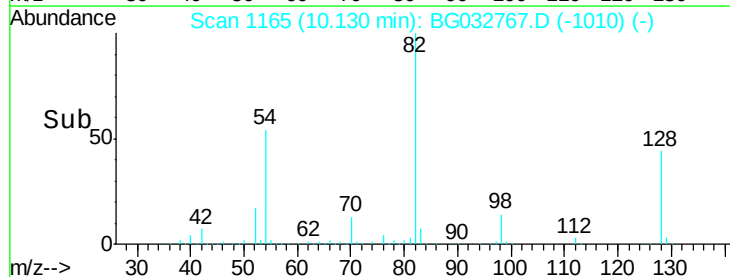
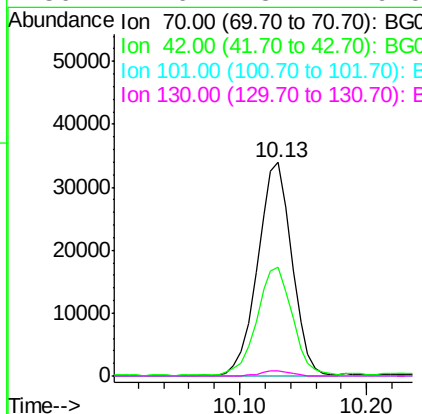
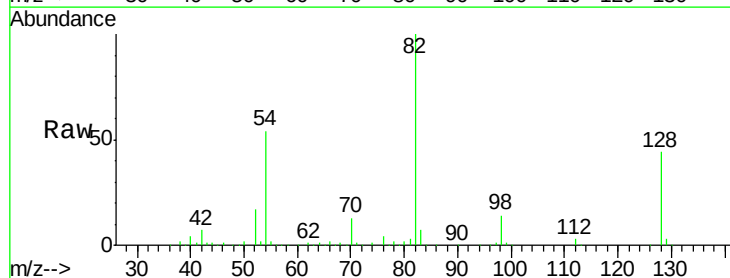
Instrument :
BNA_G
ClientSampleId :
TR-05-022018

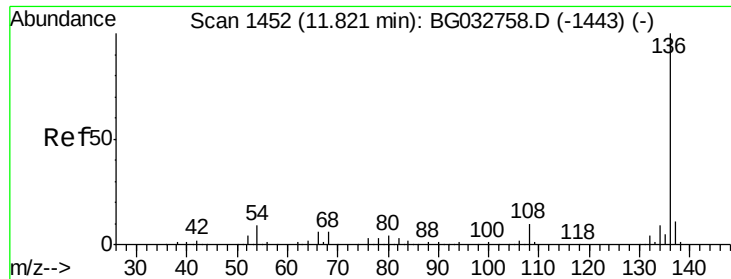
Tot Ion: 45 Resp: 208
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.408 ng
RT: 10.13 min Scan# 1165
Delta R.T. 0.38 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion: 70 Resp: 63604
Ion Ratio Lower Upper
70 100
42 50.8 49.1 73.7
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#

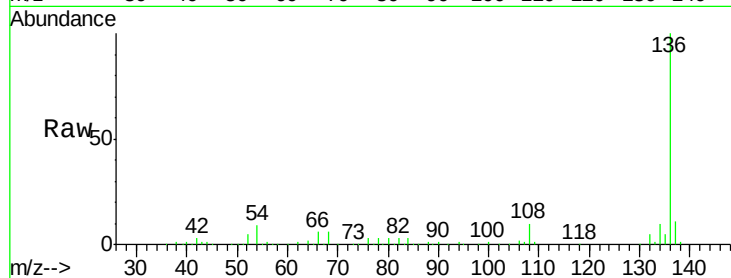




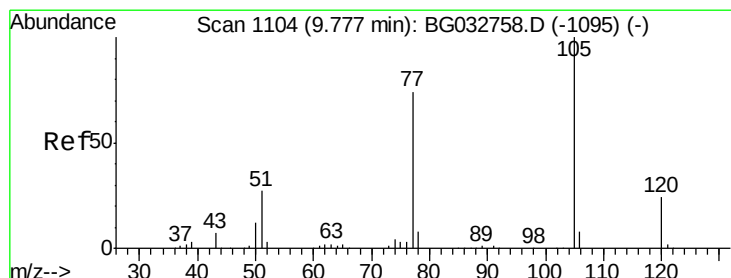
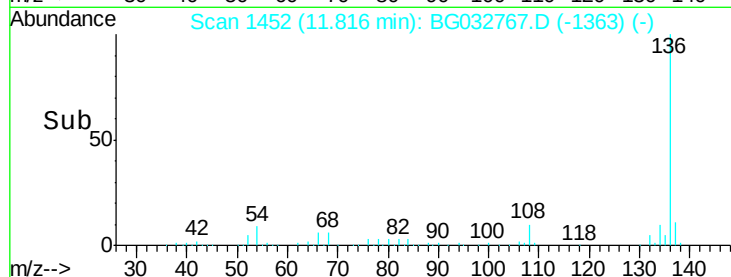
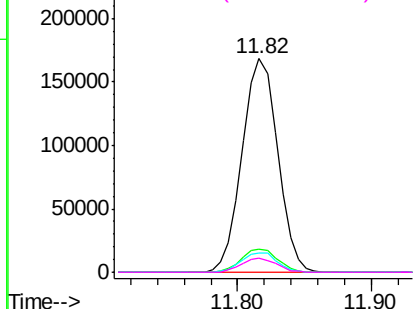
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.82 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Instrument :
BNA_G
ClientSampleId :
TR-05-022018

Tot Ion:136	Resp:	310643
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.3	10.3 15.5#
68	6.5	4.5 6.7

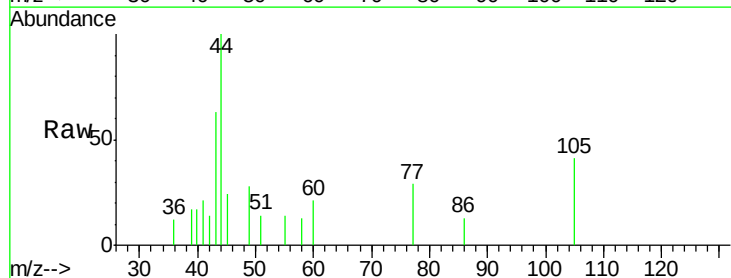


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

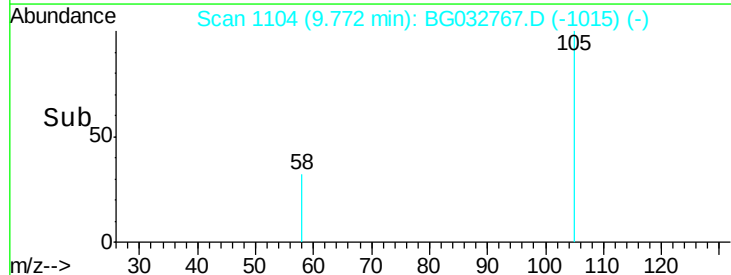
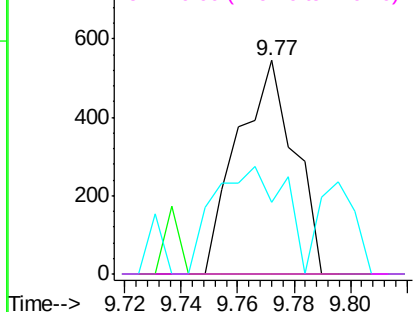


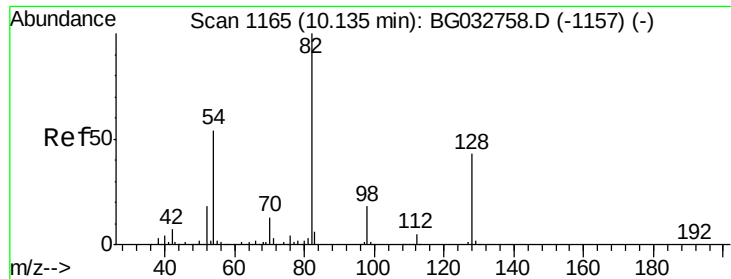
#22
Acetophenone
Concen: 0.096 ng
RT: 9.77 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion:105	Resp:	754
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	33.4	26.1 39.1
120	0.0	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: 105.513 ng

RT: 10.13 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

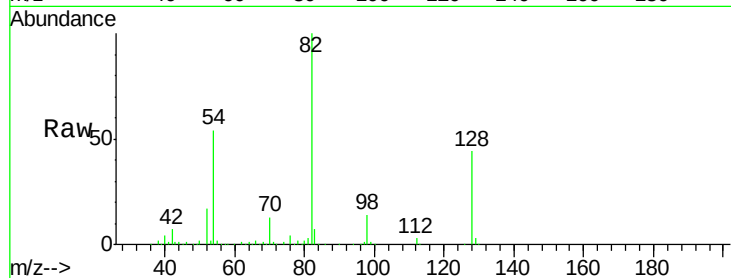
Tot Ion: 82 Resp: 484446

Ion Ratio Lower Upper

82 100

128 43.9 29.7 44.5

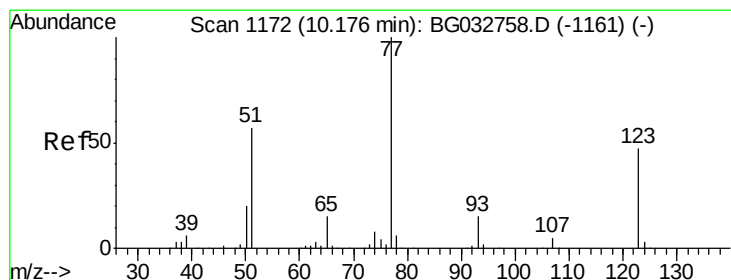
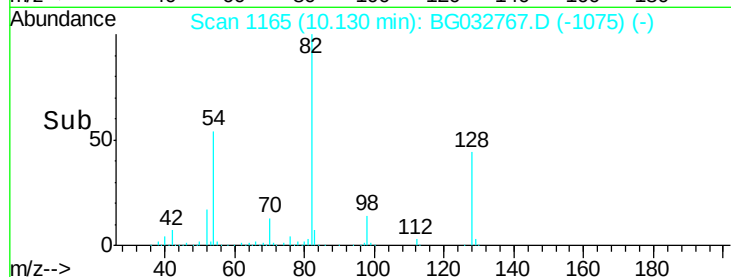
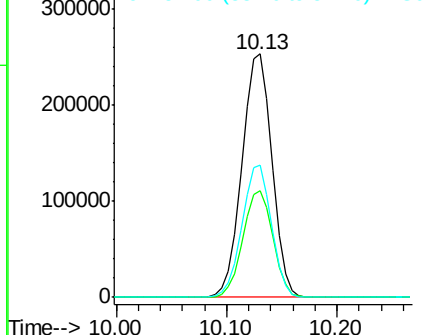
54 54.2 43.1 64.7



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: 6.654 ng

RT: 10.12 min Scan# 1164

Delta R.T. -0.05 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

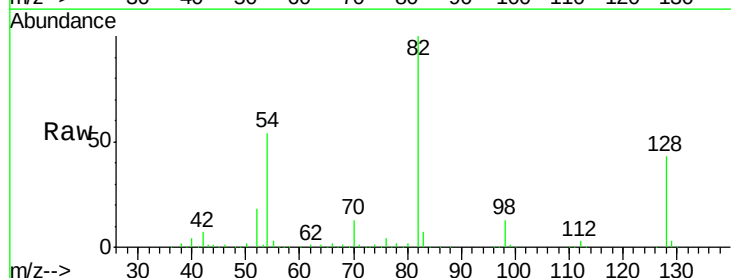
Tgt Ion: 77 Resp: 1565

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

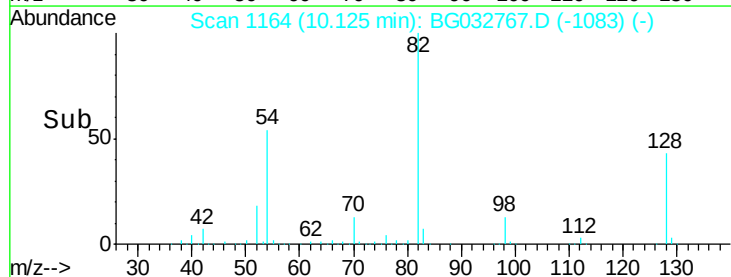
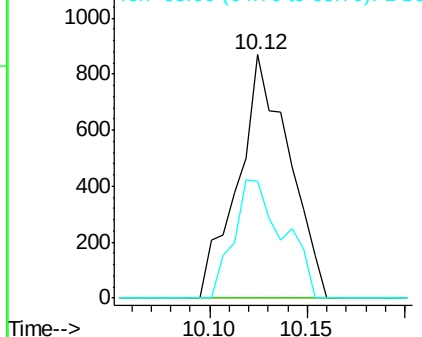
65 47.9 13.0 19.6#

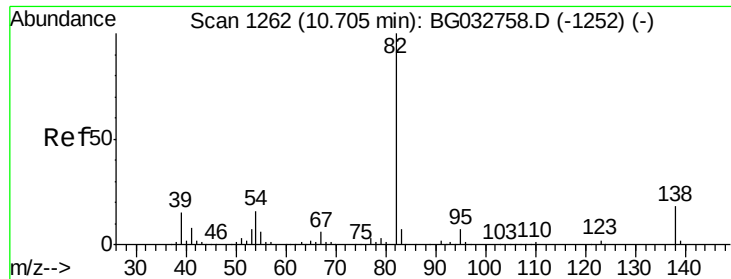


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.006 ng

RT: 10.69 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

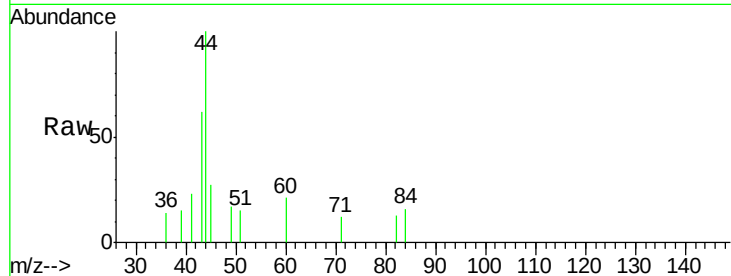
Tot Ion: 82 Resp: 60

Ion Ratio Lower Upper

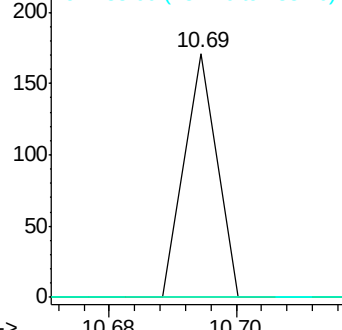
82 100

95 0.0 6.2 9.2#

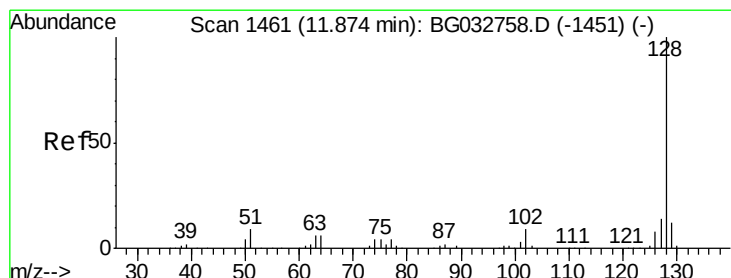
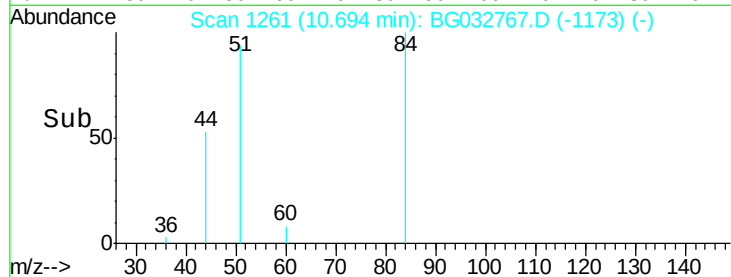
138 0.0 12.1 18.1#



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



Time-->



#31

Naphthalene

Concen: 2.417 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

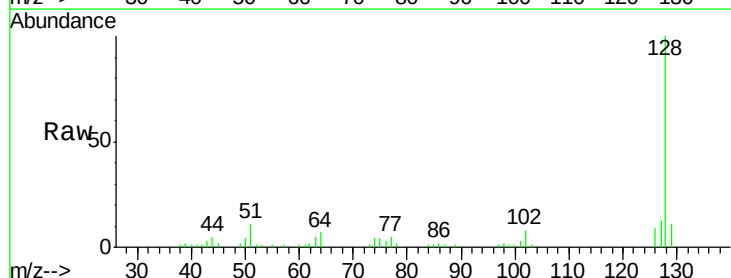
Tgt Ion: 128 Resp: 39239

Ion Ratio Lower Upper

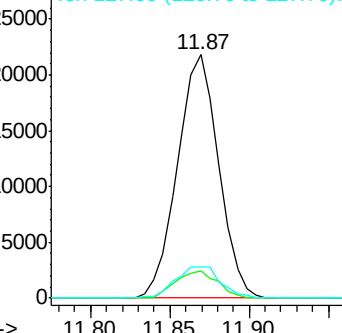
128 100

129 11.0 8.6 12.8

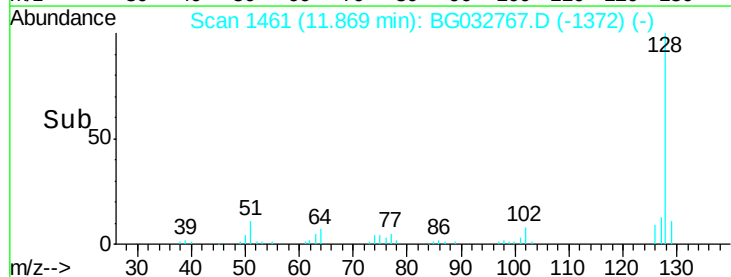
127 13.0 11.6 17.4

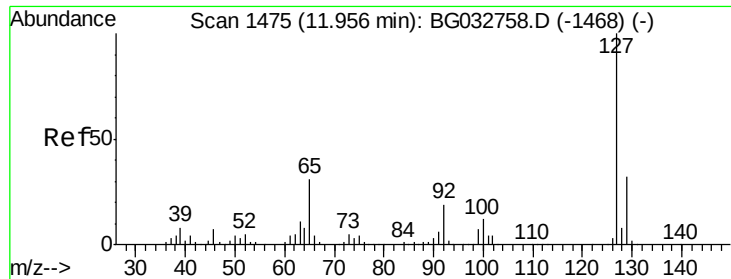


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC



Time-->

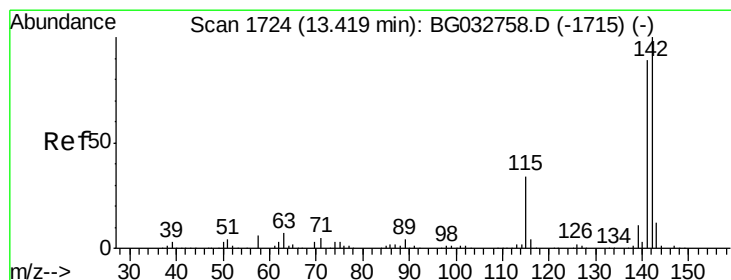
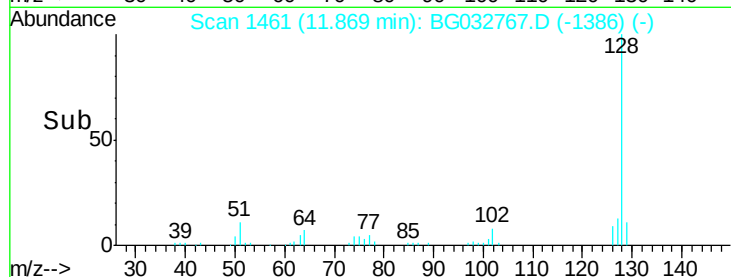
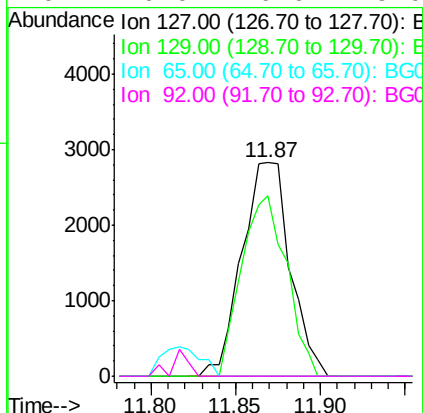
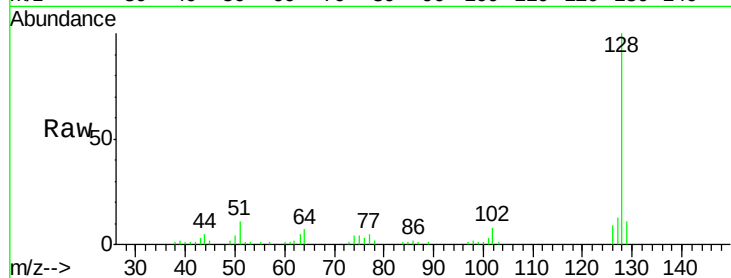




#33
4-Chloroaniline
Concen: 0.773 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.09 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

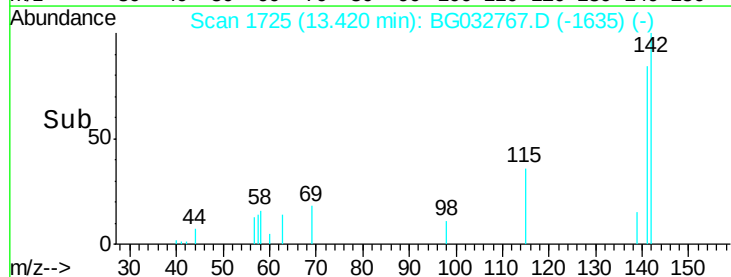
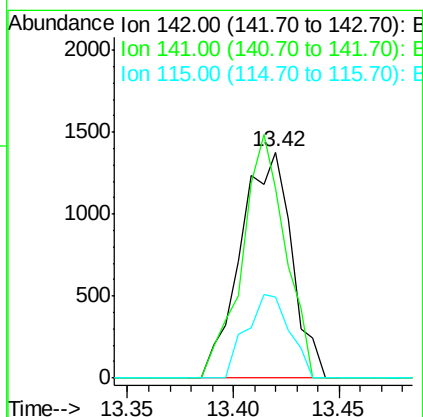
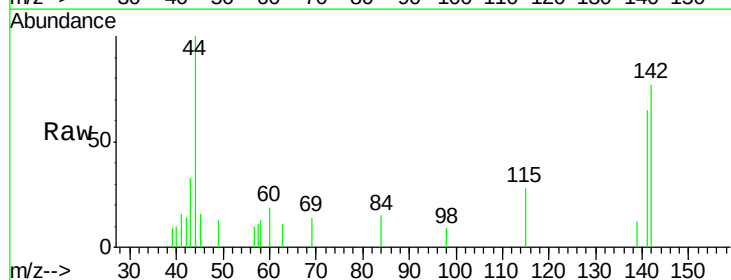
Instrument :
BNA_G
ClientSampleId :
TR-05-022018

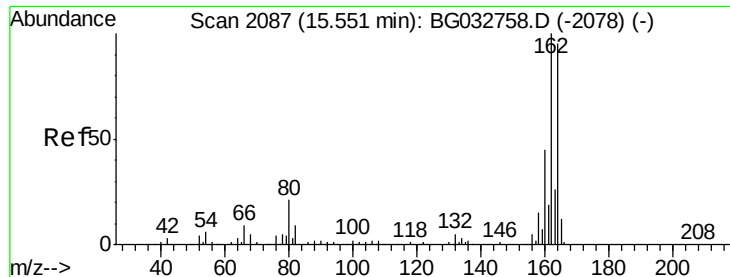
Tot Ion:127	Resp:	5612
Ion	Ratio	Lower Upper
127	100	
129	84.6	24.0 36.0#
65	0.0	27.0 40.4#
92	0.0	16.6 25.0#



#37
2-Methylnaphthalene
Concen: 0.197 ng
RT: 13.42 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion:142	Resp:	2311
Ion	Ratio	Lower Upper
142	100	
141	83.7	67.1 100.7
115	35.6	30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

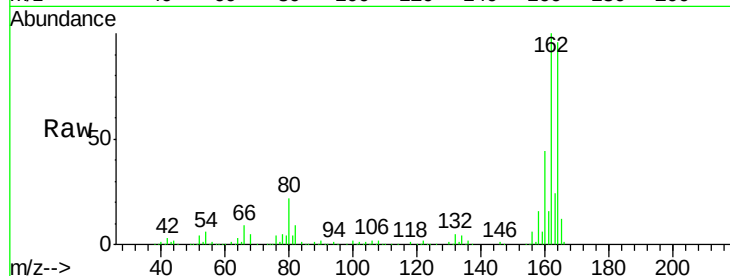
Tot Ion:164 Resp: 171754

Ion Ratio Lower Upper

164 100

162 104.0 78.8 118.2

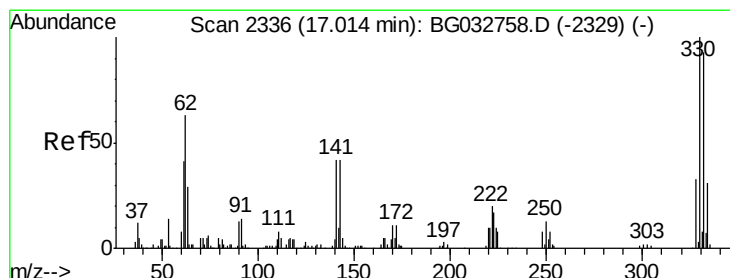
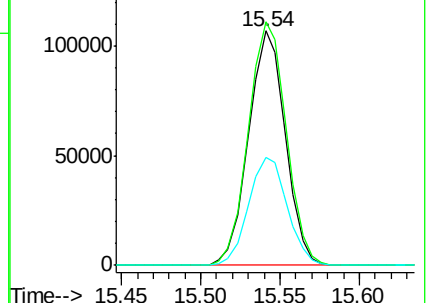
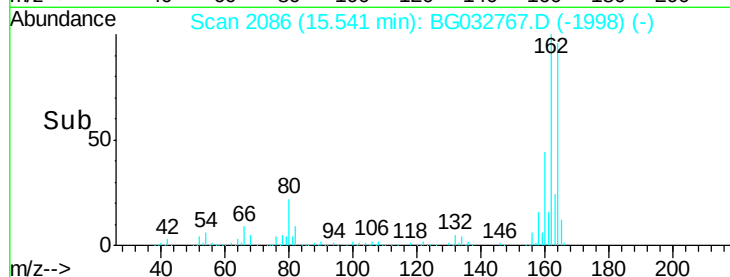
160 46.1 35.4 53.0



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: 155.503 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

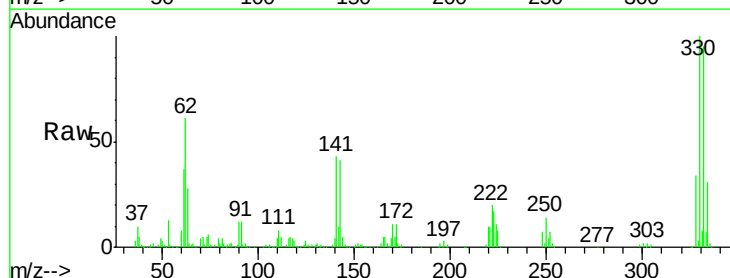
Tgt Ion:330 Resp: 280828

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

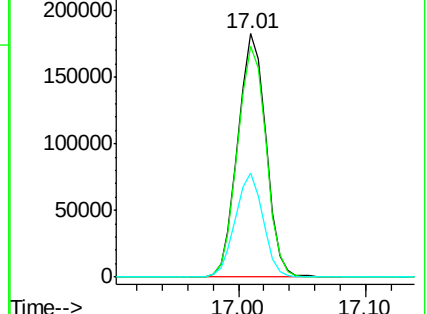
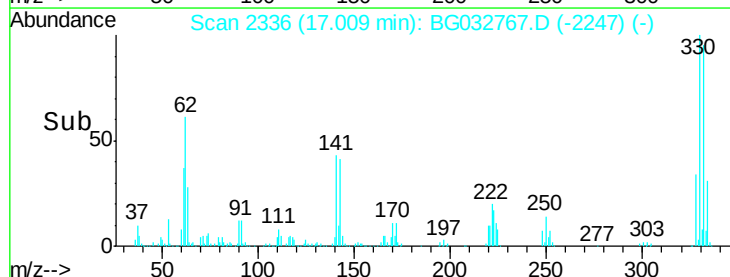
141 42.0 25.2 37.8#

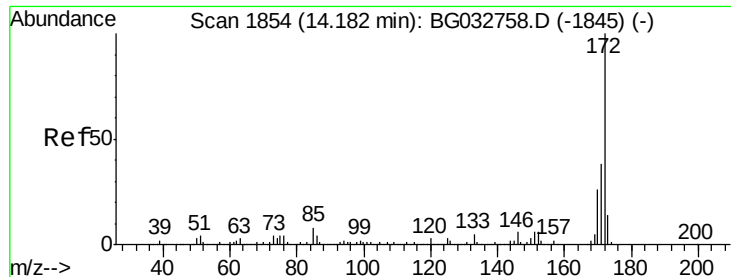


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

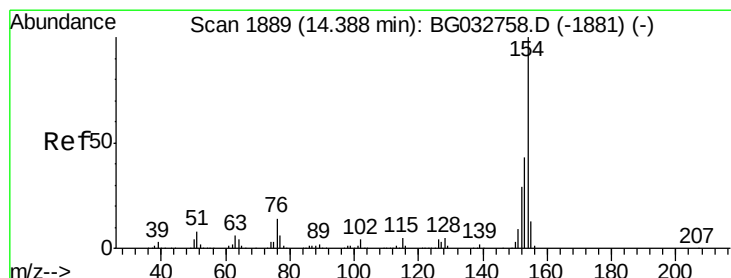
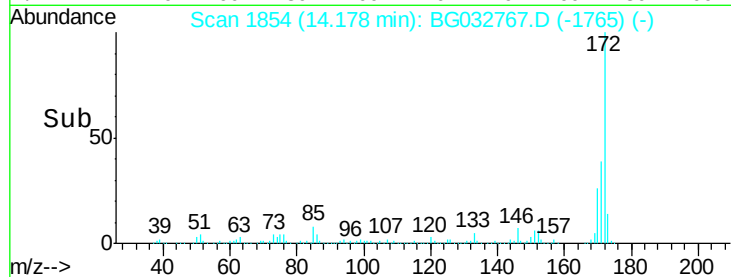
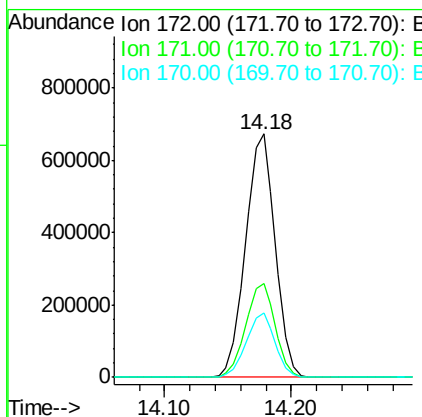
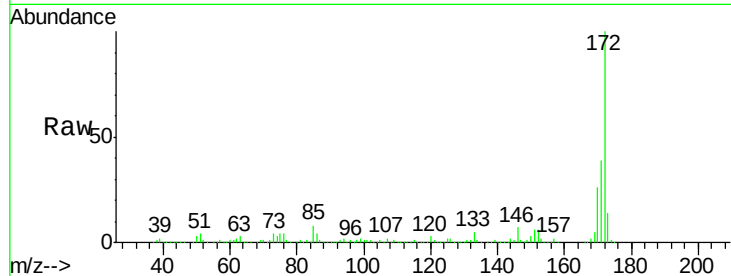




#44
2-Fluorobiphenyl
Concen: 91.279 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

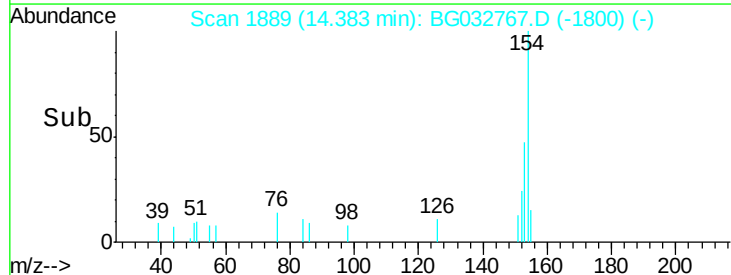
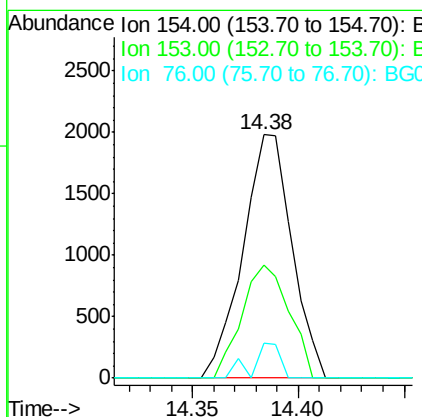
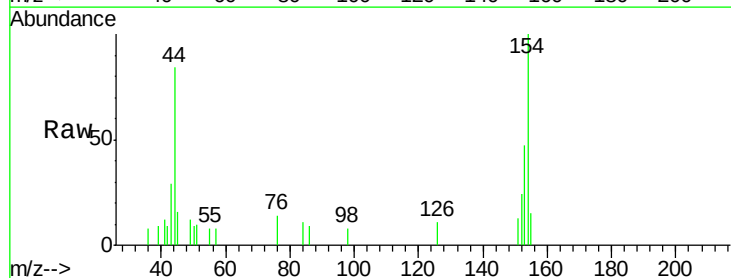
Instrument :
BNA_G
ClientSampleId :
TR-05-022018

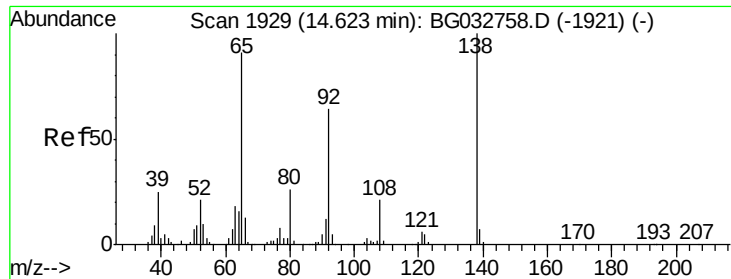
Tot Ion:172 Resp: 1087012
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 26.4 19.5 29.3



#45
1,1'-Biphenyl
Concen: 0.213 ng
RT: 14.38 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion:154 Resp: 3194
Ion Ratio Lower Upper
154 100
153 46.6 19.8 59.8
76 14.2 0.0 31.9

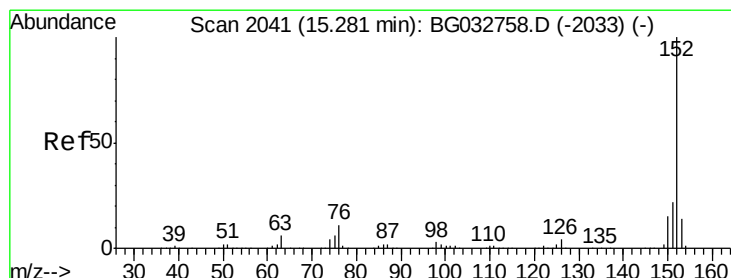
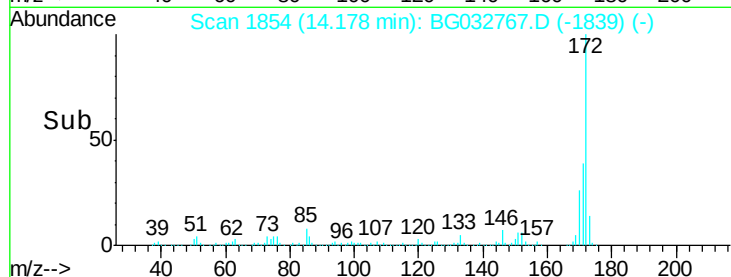
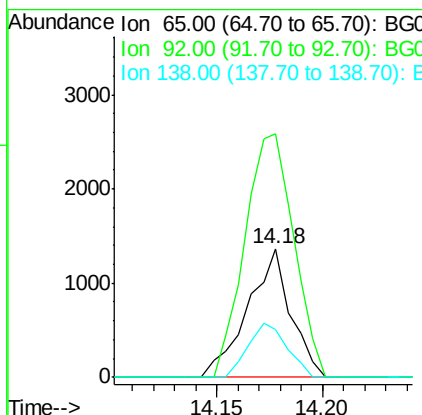
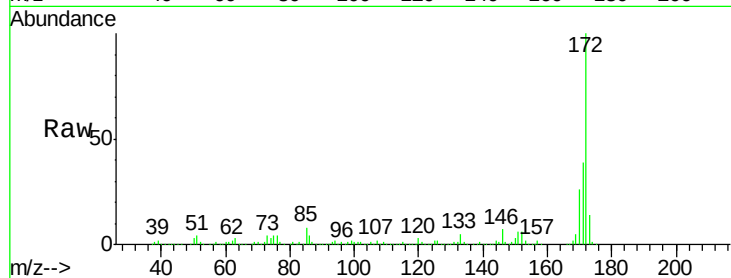




#47
2-Nitroaniline
Concen: 10.382 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.44 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

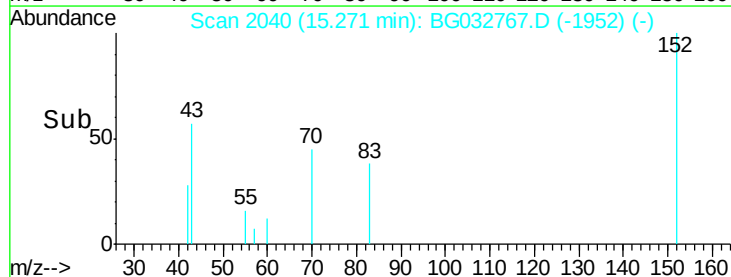
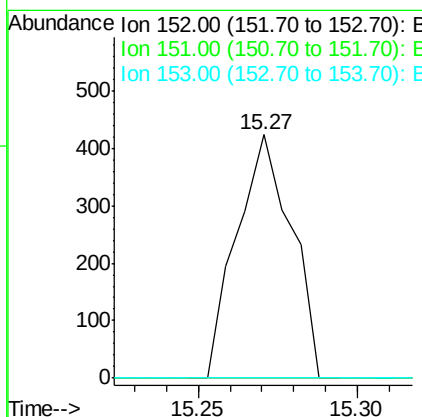
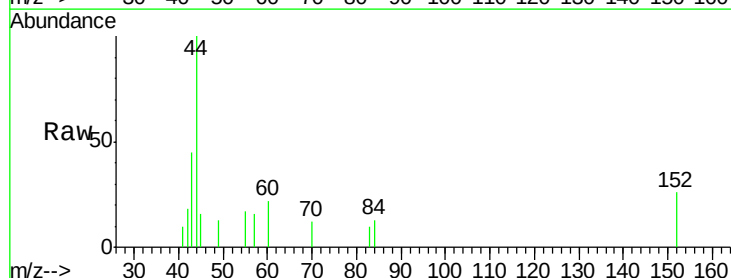
Instrument :
BNA_G
ClientSampleId :
TR-05-022018

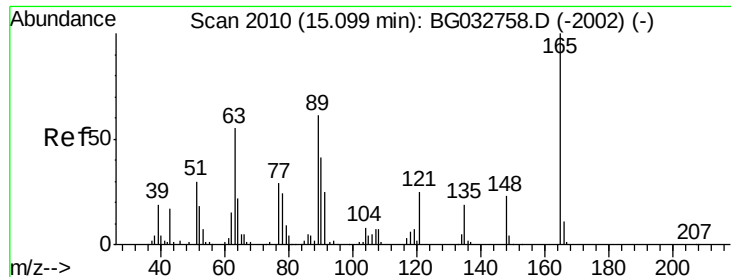
Tot Ion: 65 Resp: 1941
Ion Ratio Lower Upper
65 100
92 189.7 54.6 82.0#
138 36.8 72.9 109.3#



#48
Acenaphthylene
Concen: 0.028 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion: 152 Resp: 505
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 10.2 15.4#

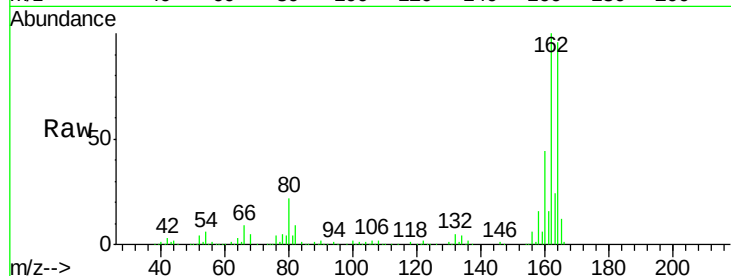




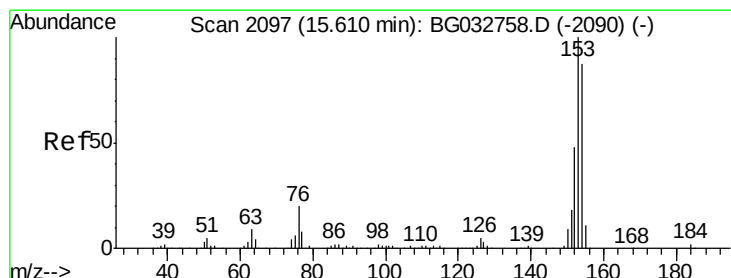
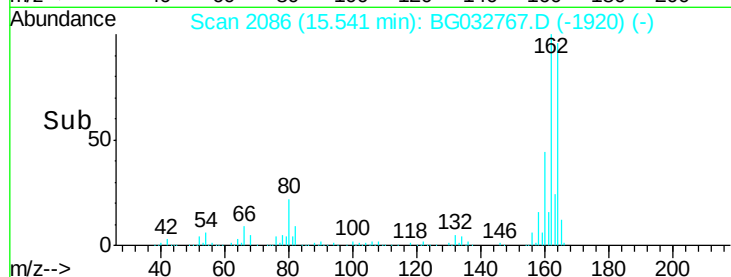
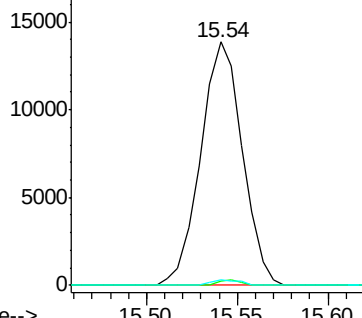
#50
2,6-Dinitrotoluene
Concen: 16.409 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.44 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Instrument :
BNA_G
ClientSampleId :
TR-05-022018

Tot Ion:165 Resp: 22254
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 2.1 49.2 73.8#

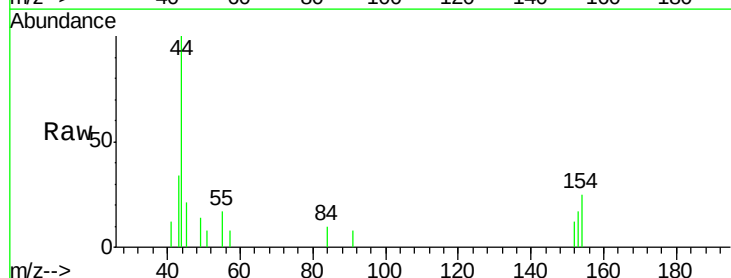


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

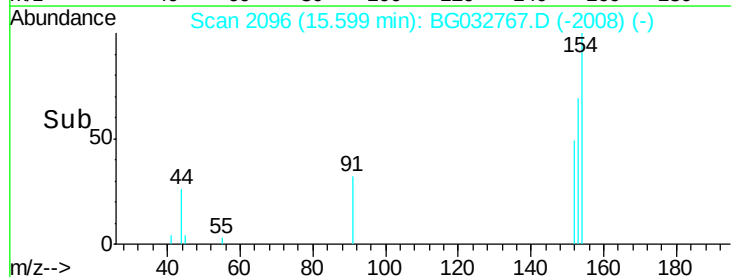
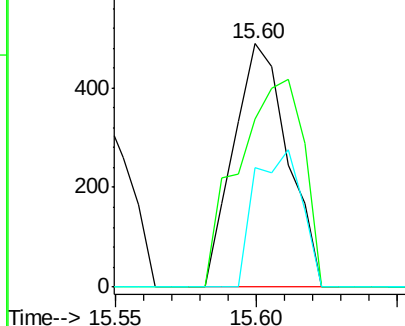


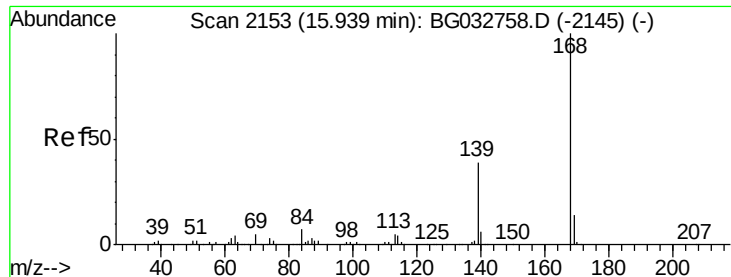
#51
Acenaphthene
Concen: 0.057 ng
RT: 15.60 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion:154 Resp: 650
Ion Ratio Lower Upper
154 100
153 68.9 90.4 135.6#
152 48.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 0.080 ng

RT: 15.93 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

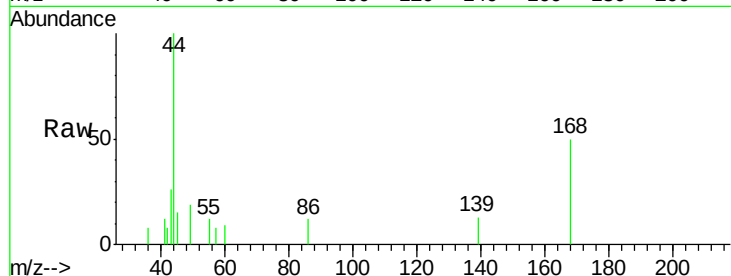
Tot Ion:168 Resp: 1299

Ion Ratio Lower Upper

168 100

139 26.4 28.6 43.0#

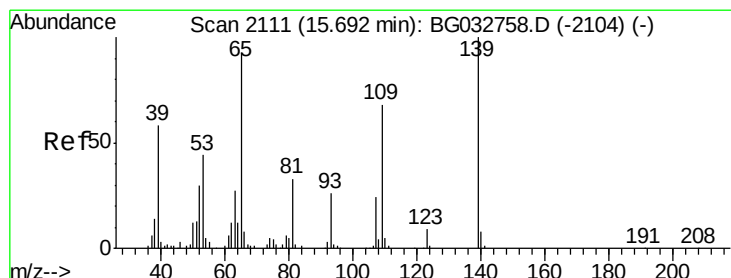
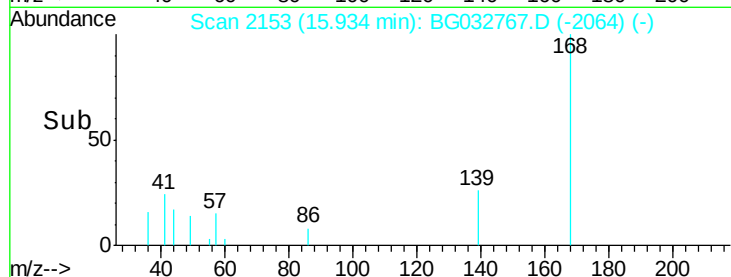
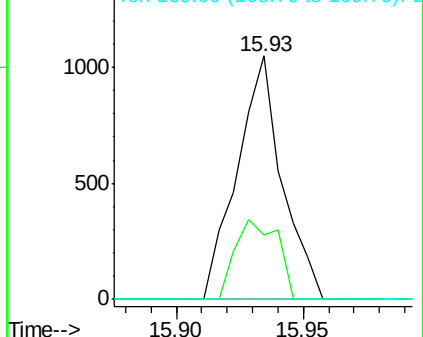
169 0.0 11.2 16.8#



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: 7.231 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.24 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

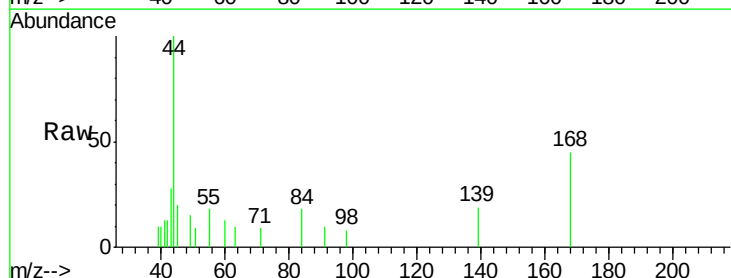
Tgt Ion:139 Resp: 395

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

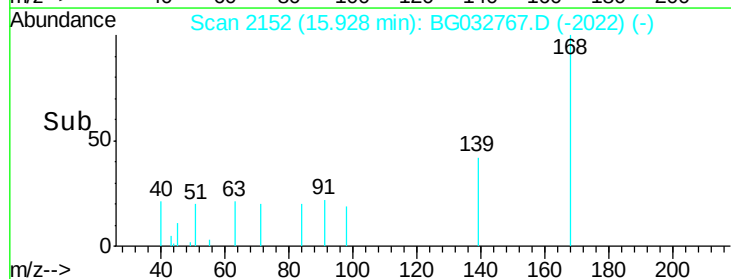
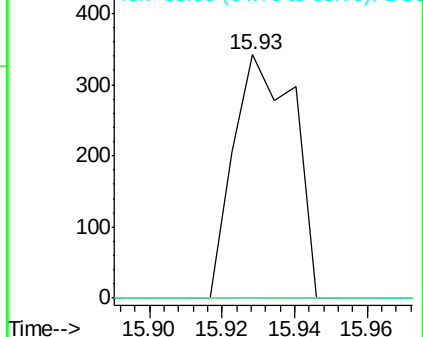
65 0.0 97.2 137.2#

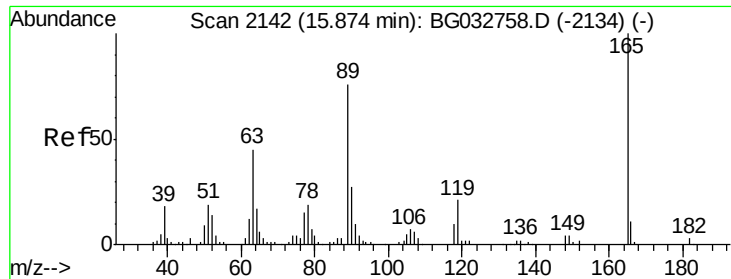


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

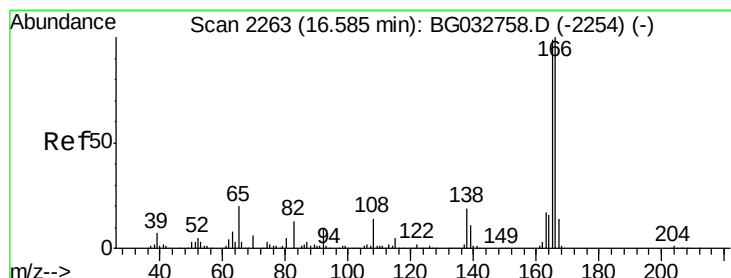
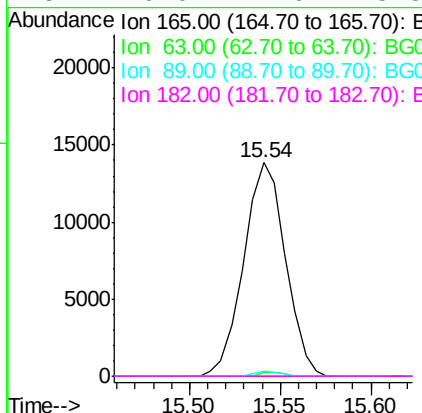
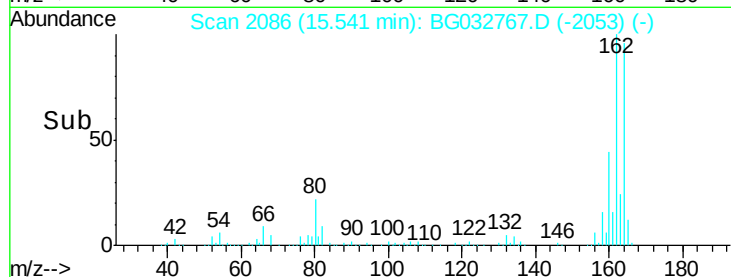
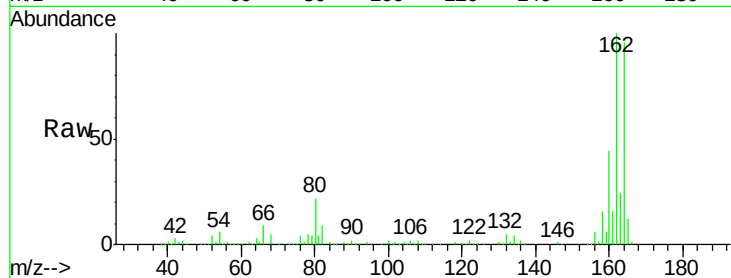




#56
 2,4-Dinitrotoluene
 Concen: 14.607 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.33 min
 Lab File: BG032767.D
 Acq: 21 Feb 2018 19:42

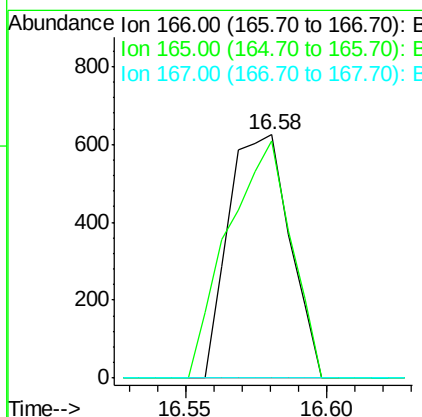
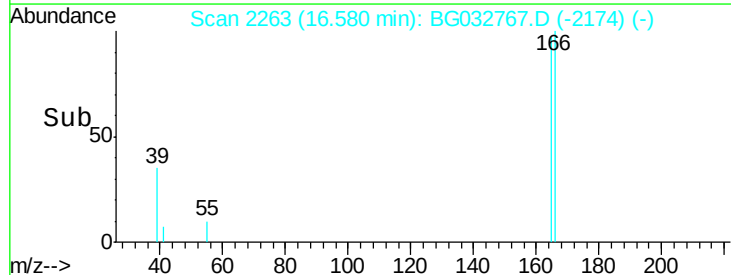
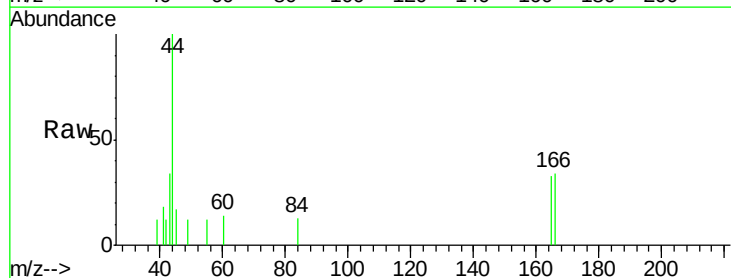
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-022018

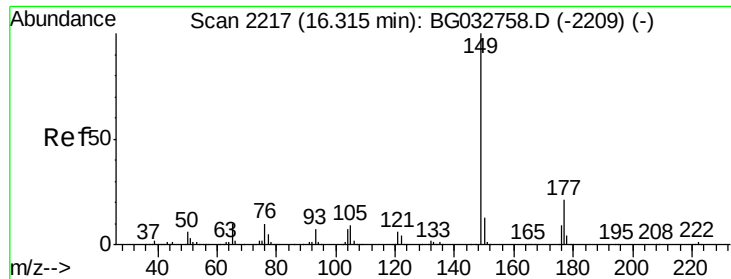
Tot Ion:165	Resp:	22254
Ion Ratio	Lower	Upper
165 100		
63 1.7	42.0	63.0#
89 2.1	66.9	100.3#
182 0.0	2.6	3.8#



#57
 Fluorene
 Concen: 0.070 ng
 RT: 16.58 min Scan# 2263
 Delta R.T. -0.00 min
 Lab File: BG032767.D
 Acq: 21 Feb 2018 19:42

Tgt	Ion:166	Resp:	936
Ion	Ratio	Lower	Upper
166	100		
165	97.4	80.6	121.0
167	0.0	10.4	15.6#

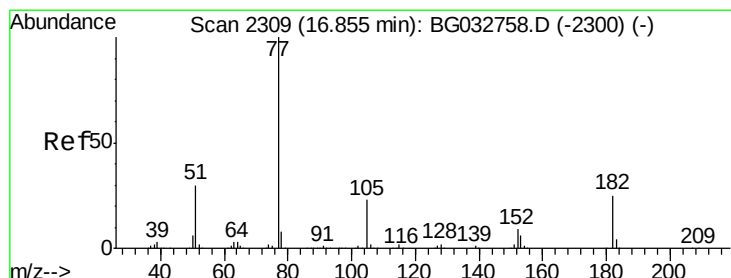
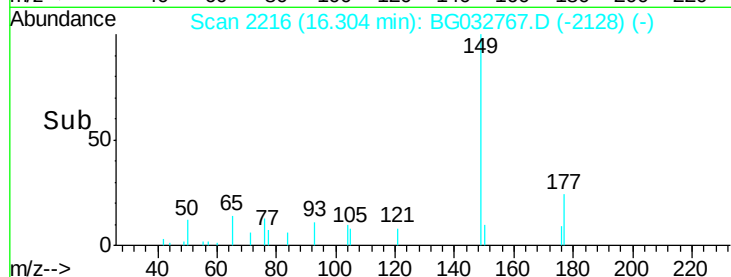
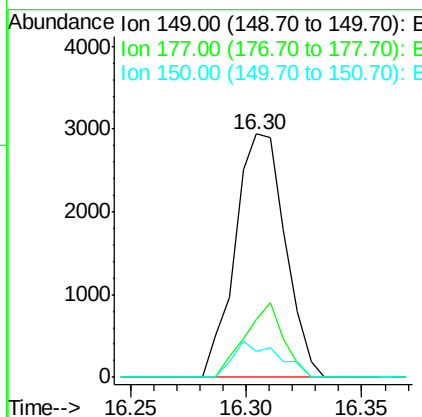
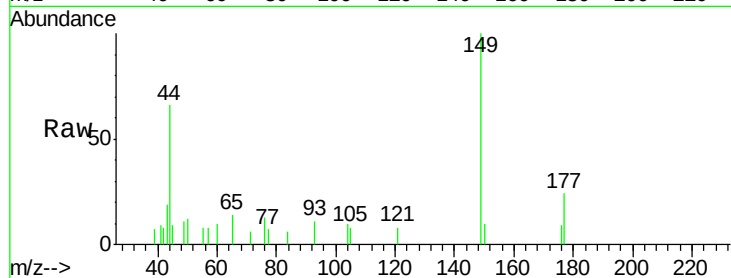




#59
Diethylphthalate
Concen: 0.288 ng
RT: 16.30 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

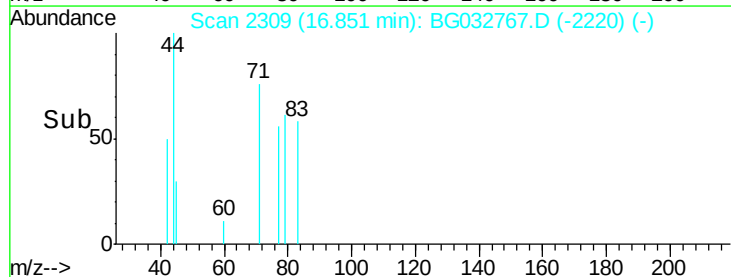
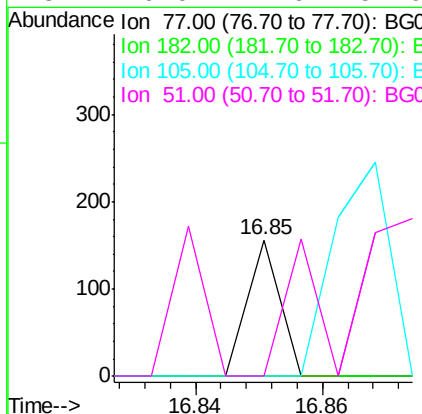
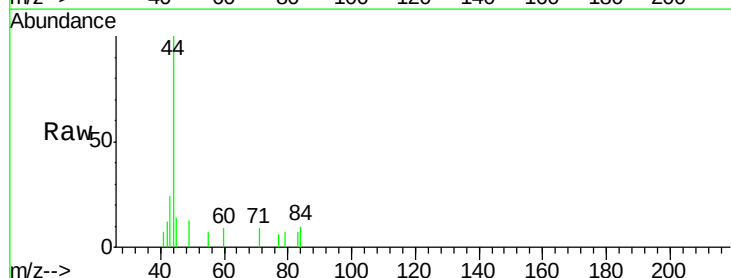
Instrument :
BNA_G
ClientSampleId :
TR-05-022018

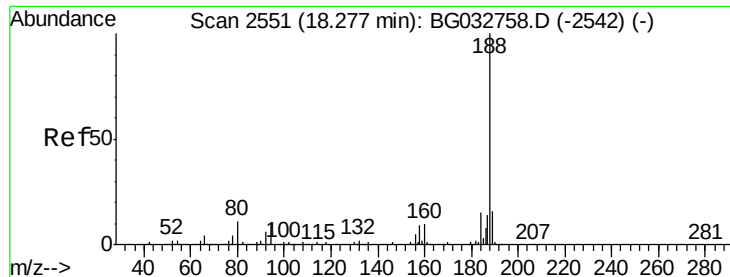
Tot Ion:149 Resp: 4437
Ion Ratio Lower Upper
149 100
177 23.8 18.5 27.7
150 10.4 10.2 15.2



#62
Azobenzene
Concen: 0.004 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion: 77 Resp: 55
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 0.0 0.3 40.3#
51 0.0 11.6 51.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

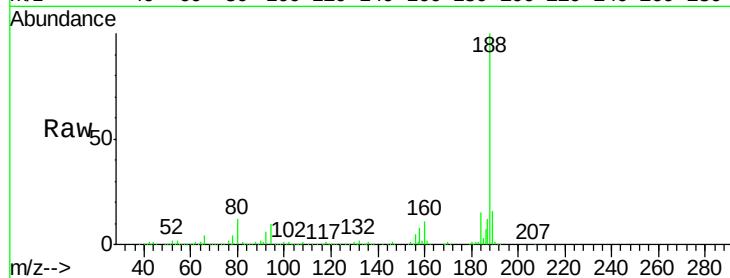
Tot Ion:188 Resp: 390411

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

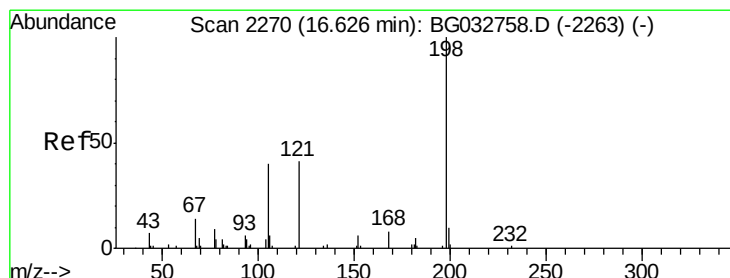
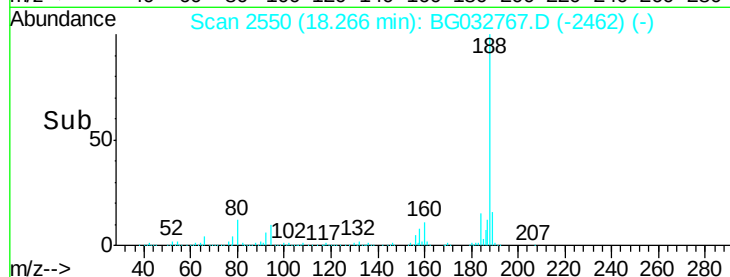
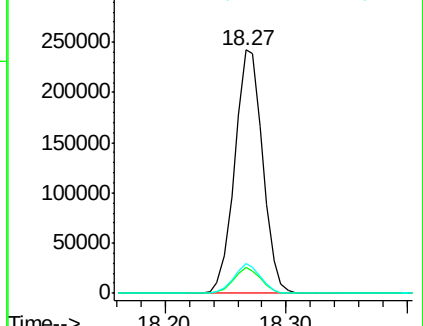
80 12.2 7.7 11.5#



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: 5.902 ng

RT: 17.02 min Scan# 2337

Delta R.T. 0.39 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

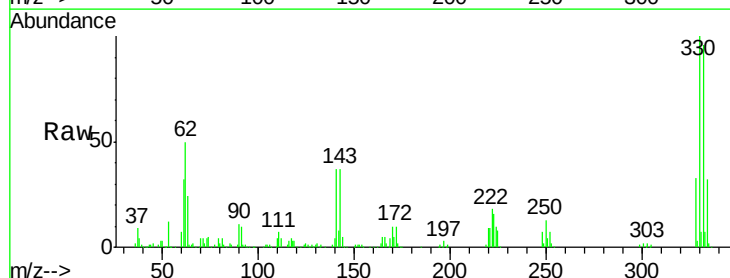
Tgt Ion:198 Resp: 877

Ion Ratio Lower Upper

198 100

51 104.9 30.6 70.6#

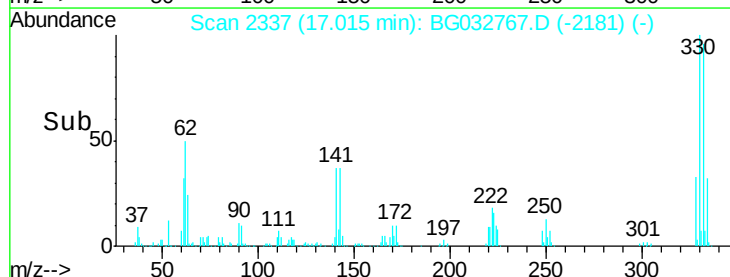
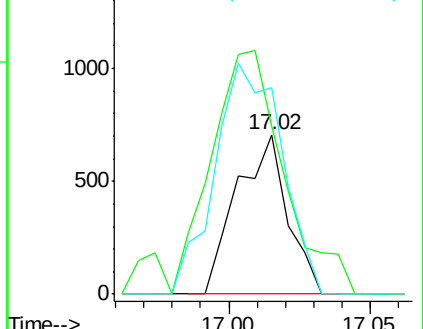
105 129.1 23.8 63.8#

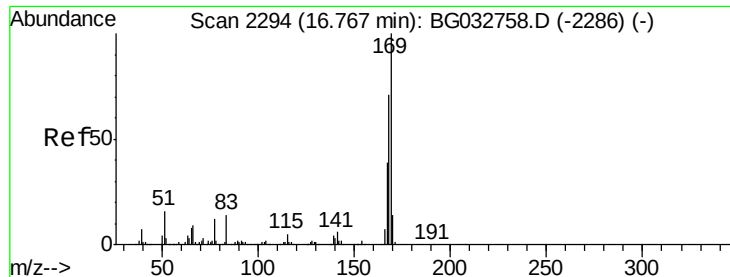


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

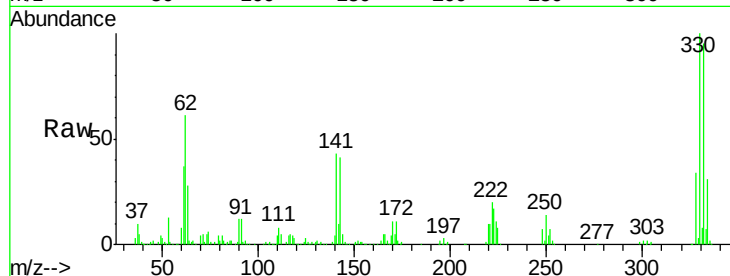




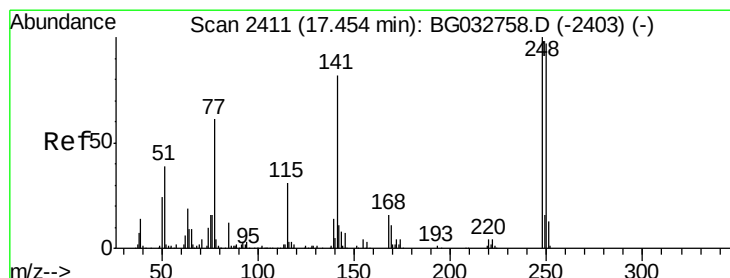
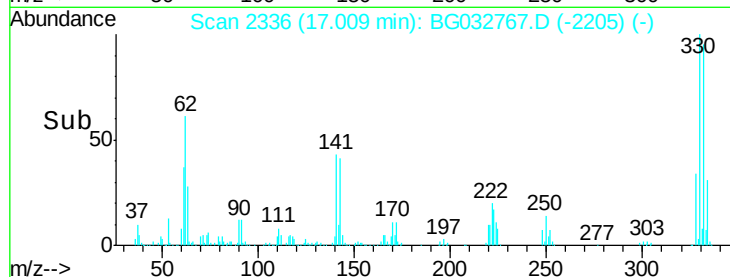
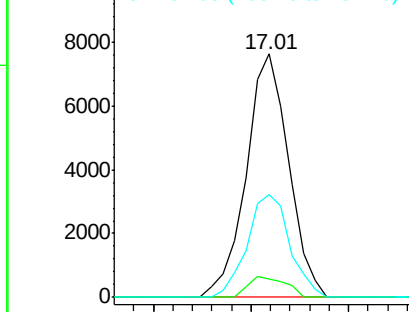
#65
 n-Nitrosodiphenylamine
 Concen: 0.901 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.24 min
 Lab File: BG032767.D
 Acq: 21 Feb 2018 19:42

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-022018

Tot Ion:169 Resp: 11445
 Ion Ratio Lower Upper
 169 100
 168 7.4 55.7 83.5#
 167 42.3 30.1 45.1

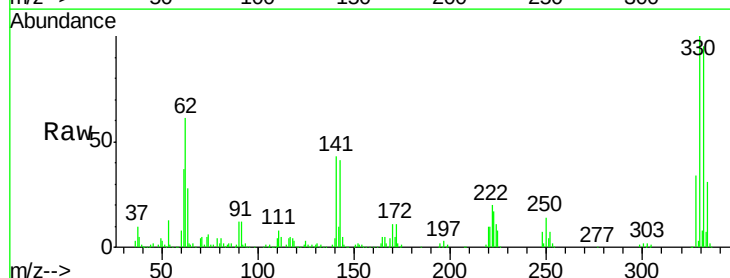


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

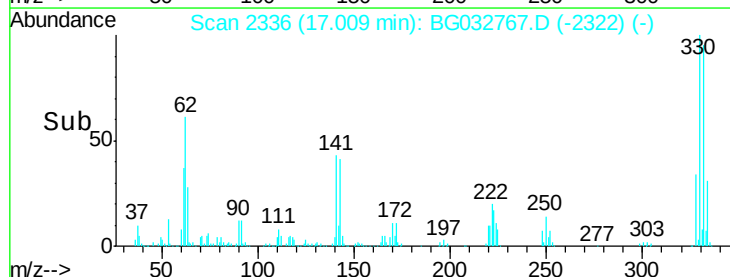
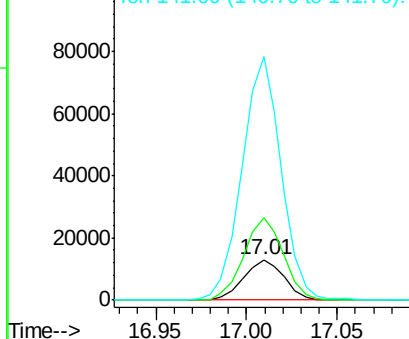


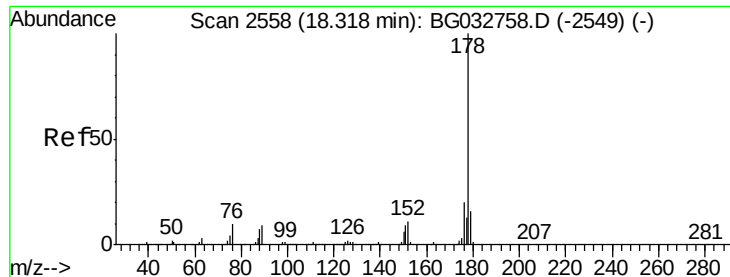
#66
 4-Bromophenyl-phenylether
 Concen: 4.894 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.45 min
 Lab File: BG032767.D
 Acq: 21 Feb 2018 19:42

Tgt Ion:248 Resp: 20204
 Ion Ratio Lower Upper
 248 100
 250 203.2 77.1 115.7#
 141 602.6 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





#70

Phenanthrene

Concen: 0.097 ng

RT: 18.31 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

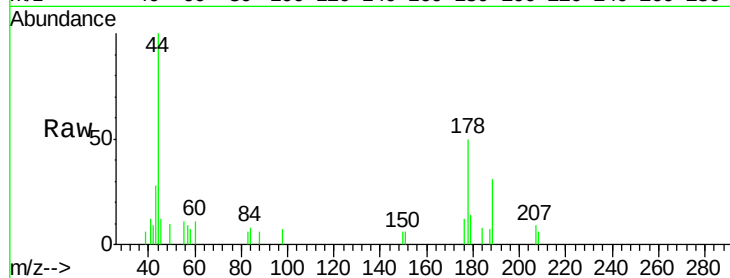
Tot Ion:178 Resp: 2115

Ion Ratio Lower Upper

178 100

176 24.6 15.7 23.5#

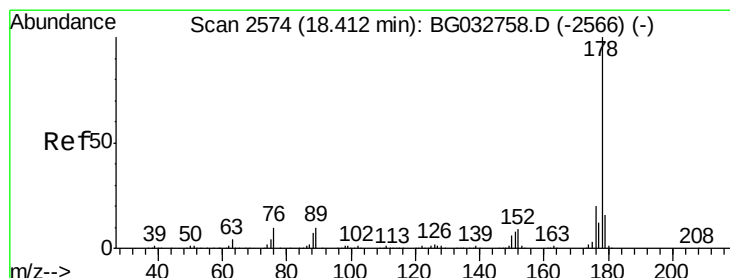
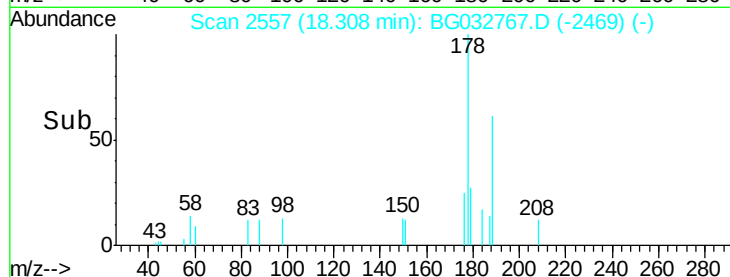
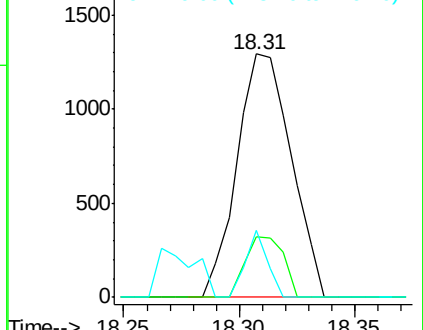
179 27.5 12.5 18.7#



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: 0.008 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

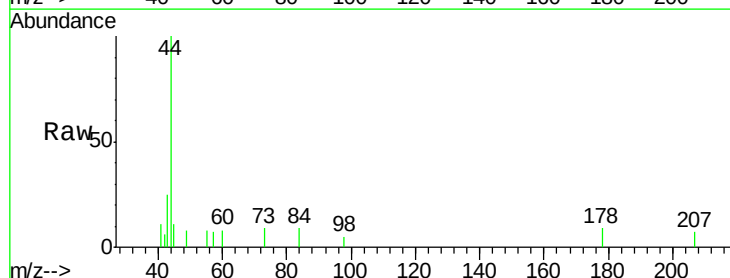
Tgt Ion:178 Resp: 167

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

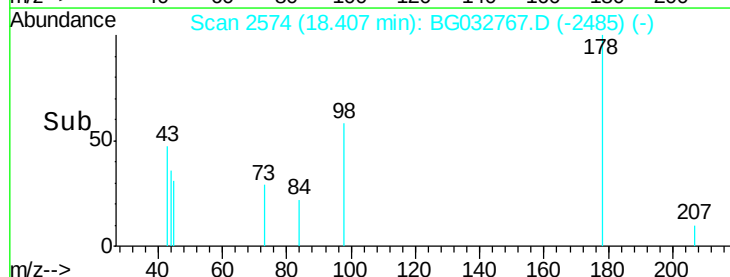
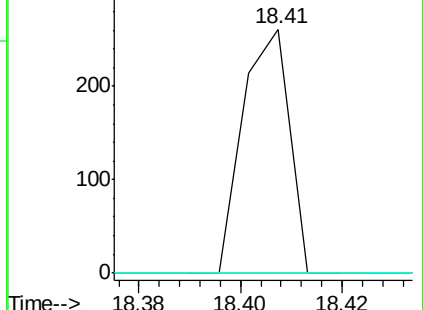
179 0.0 12.5 18.7#

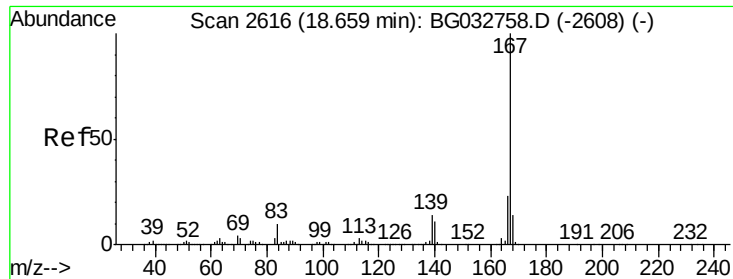


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.010 ng

RT: 18.65 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

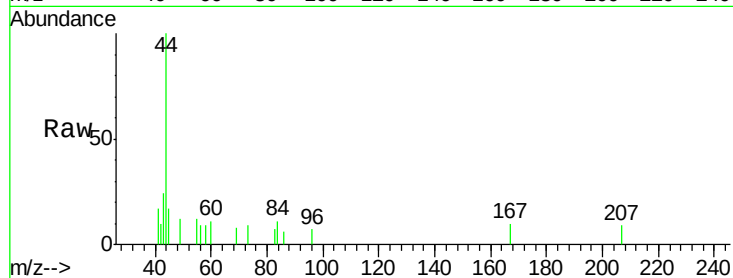
Tot Ion:167 Resp: 216

Ion Ratio Lower Upper

167 100

166 0.0 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

18.65

250

200

150

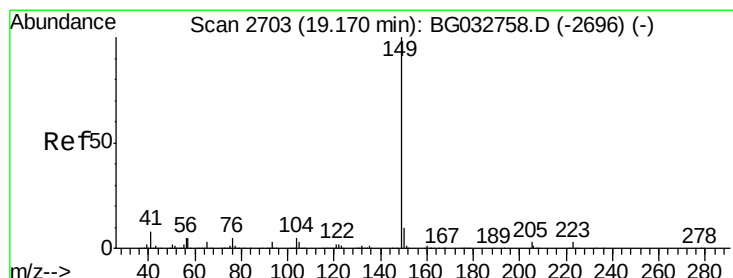
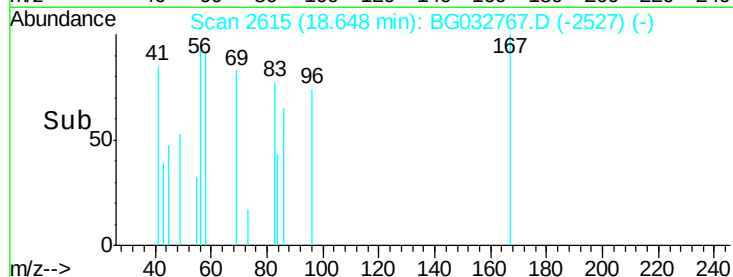
100

50

0

18.62 18.64 18.66

Time-->



#73

Di-n-butylphthalate

Concen: 0.061 ng

RT: 19.17 min Scan# 2703

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

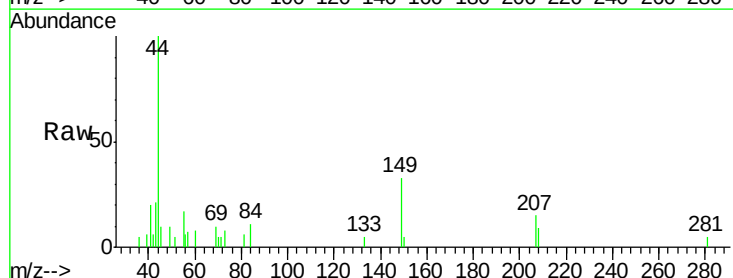
Tgt Ion:149 Resp: 1621

Ion Ratio Lower Upper

149 100

150 14.2 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

19.17

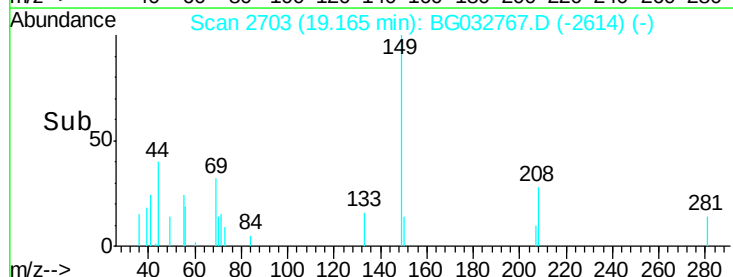
1000

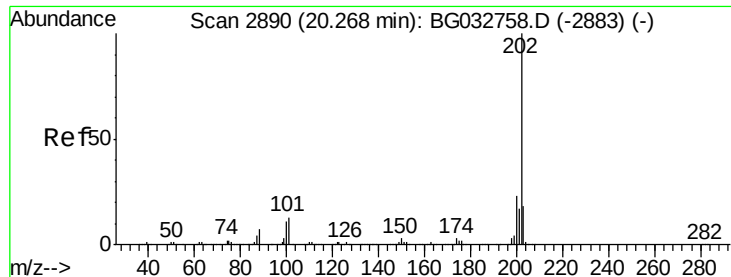
500

0

19.10 19.15 19.20

Time-->





#74

Fluoranthene

Concen: 0.013 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

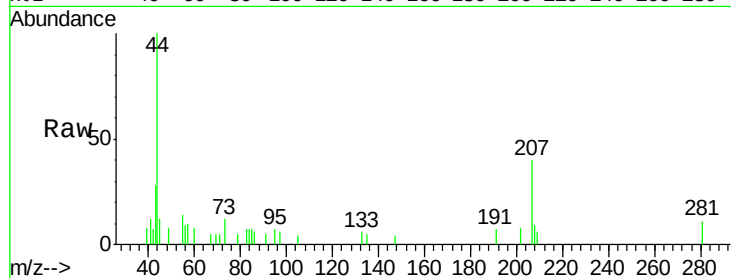
Instrument :

BNA_G

ClientSampleId :

TR-05-022018

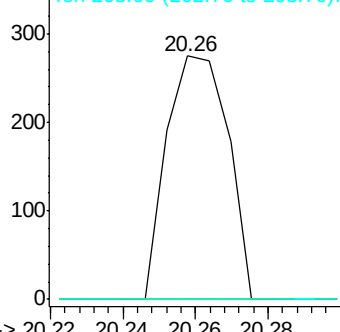
Tot Ion:	202	Resp:	322
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5



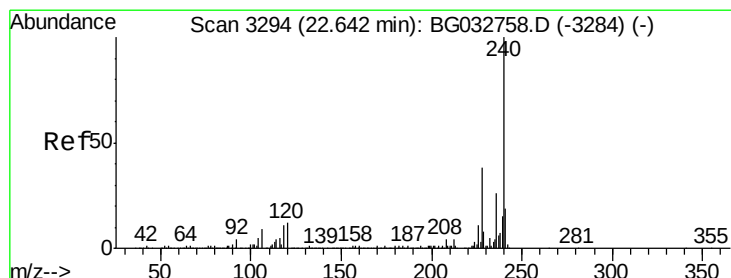
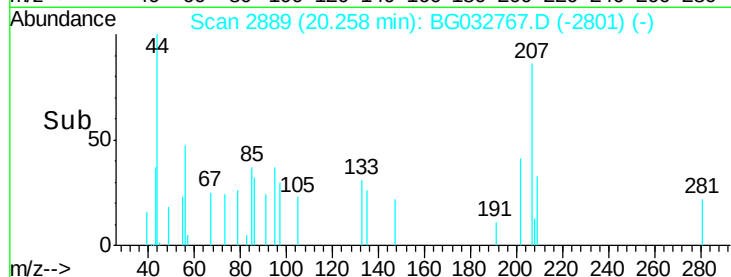
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 20.22 20.24 20.26 20.28



#75

Chrysene-d12

Concen: 20.000 ng

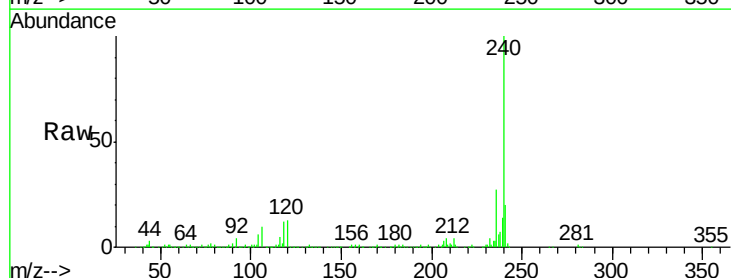
RT: 22.63 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

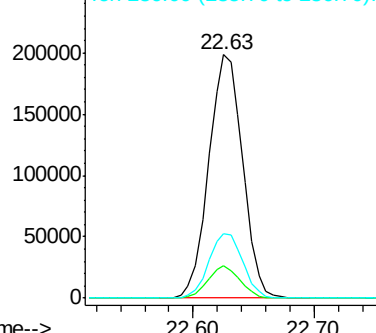
Tgt Ion:	240	Resp:	387960
Ion	Ratio	Lower	Upper
240	100		
120	13.3	6.8	10.2#
236	26.6	20.9	31.3



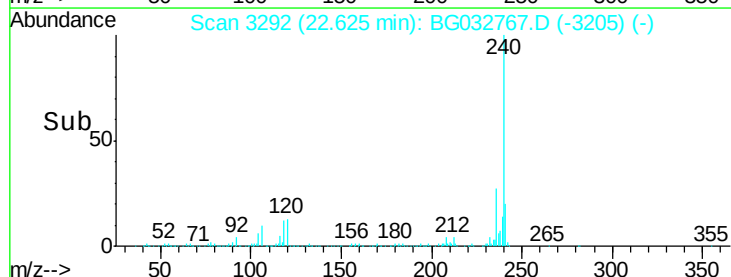
Abundance Ion 240.00 (239.70 to 240.70): E

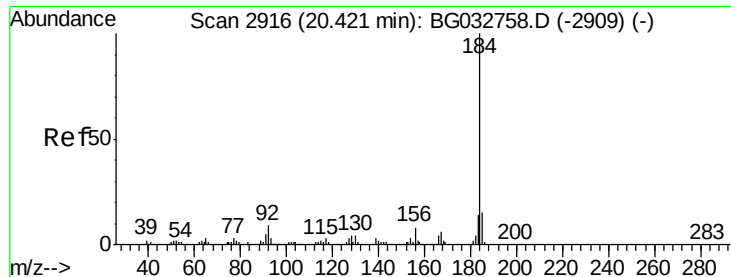
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.60 22.63 22.66 22.69





#76

Benzidine

Concen: 1.479 ng

RT: 20.42 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

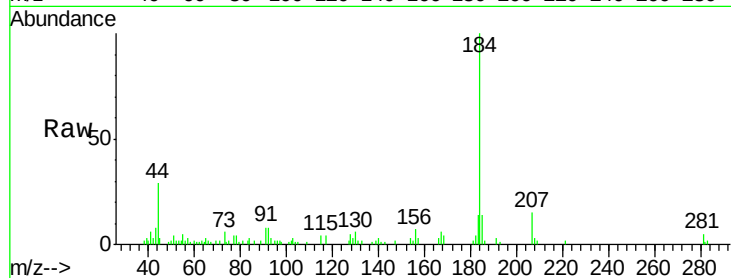
Tot Ion:184 Resp: 19556

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

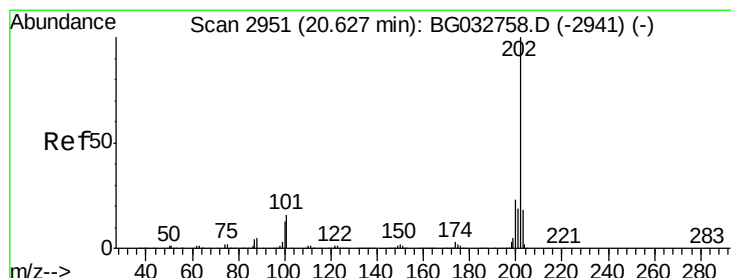
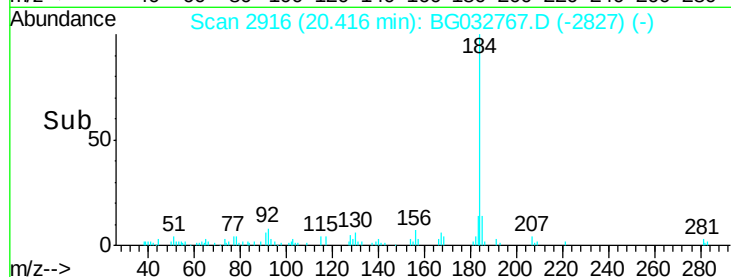
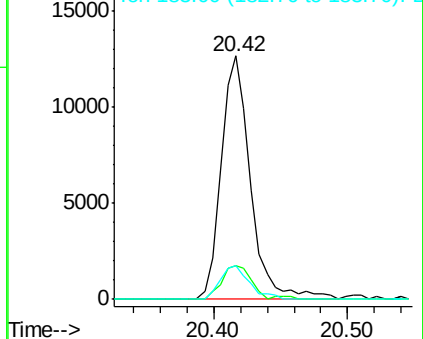
183 13.6 10.6 16.0



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



#77

Pyrene

Concen: 0.009 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

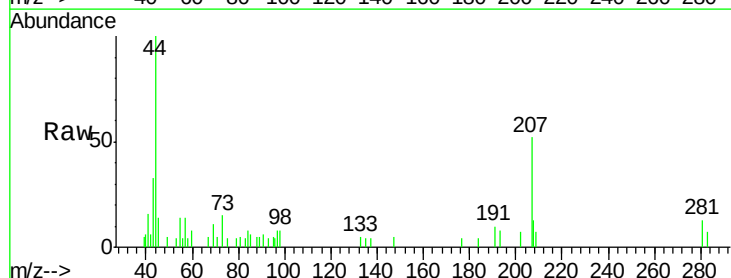
Tgt Ion:202 Resp: 249

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

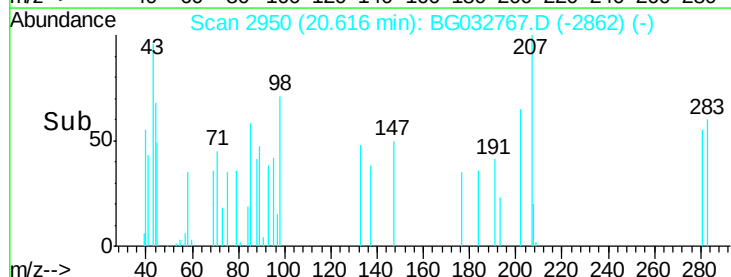
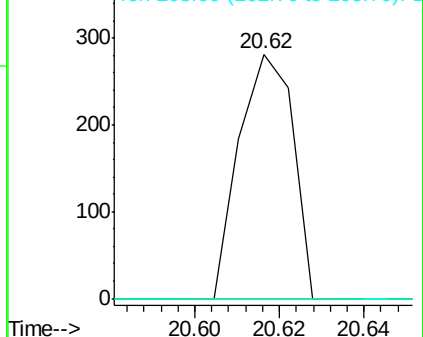
203 0.0 13.9 20.9#

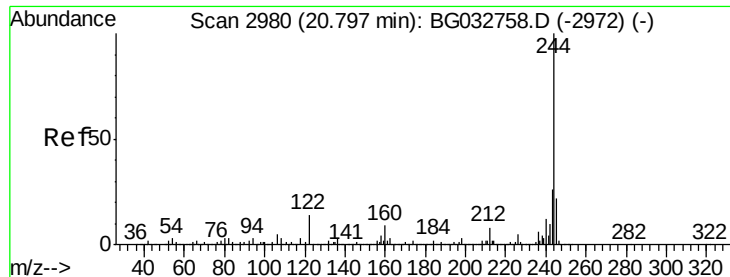


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.852 ng

RT: 20.79 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

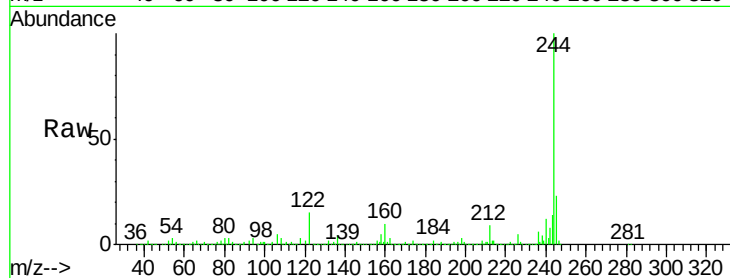
Tot Ion:244 Resp: 1603353

Ion Ratio Lower Upper

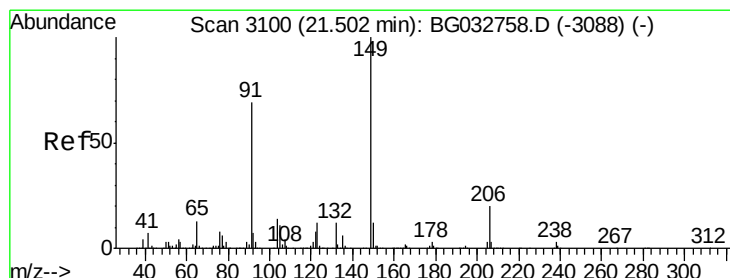
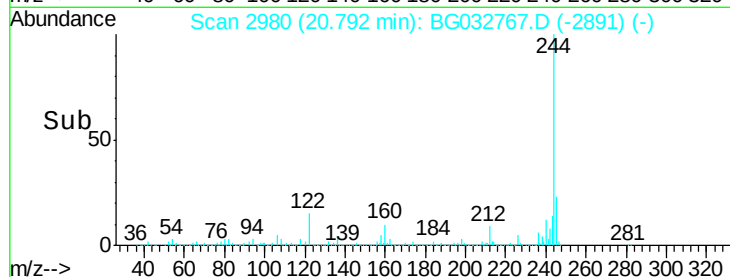
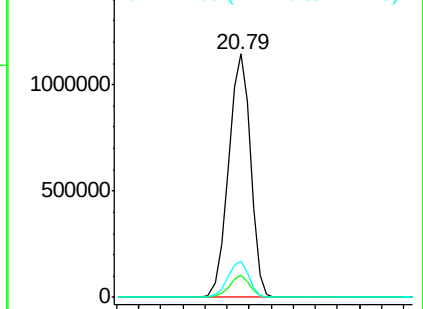
244 100

212 8.9 5.8 8.8#

122 14.8 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.011 ng

RT: 21.49 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

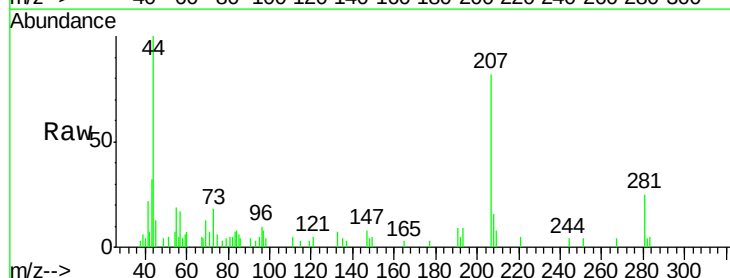
Tgt Ion:149 Resp: 137

Ion Ratio Lower Upper

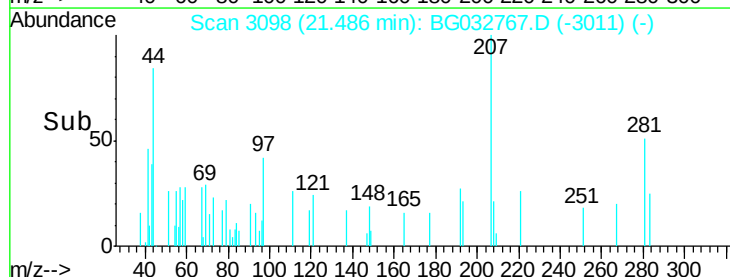
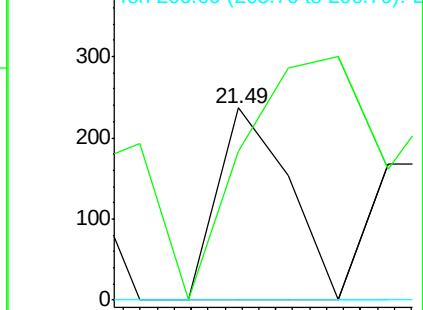
149 100

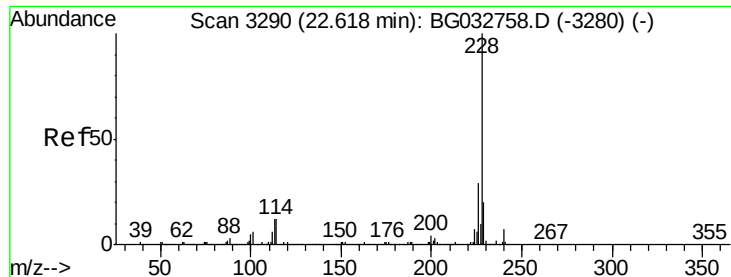
91 77.6 62.2 93.2

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): BG
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.046 ng

RT: 22.62 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

Instrument :

BNA_G

ClientSampleId :

TR-05-022018

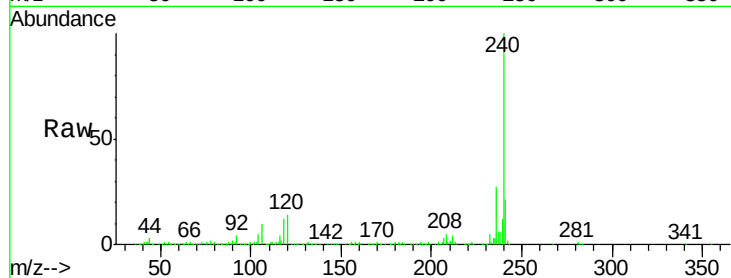
Tot Ion:228 Resp: 1151

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

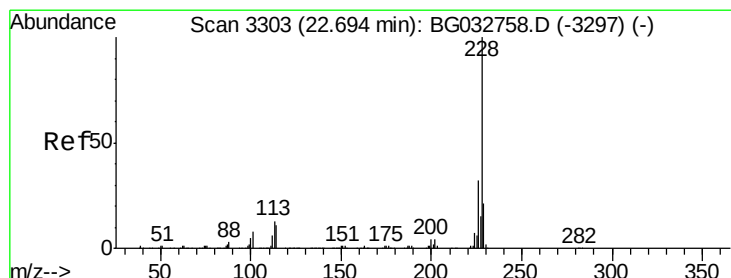
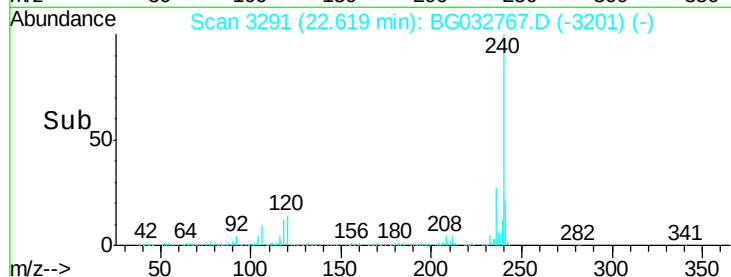
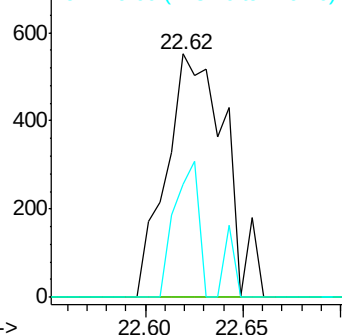
229 46.6 16.2 24.2#



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



#82

Chrysene

Concen: 0.048 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.08 min

Lab File: BG032767.D

Acq: 21 Feb 2018 19:42

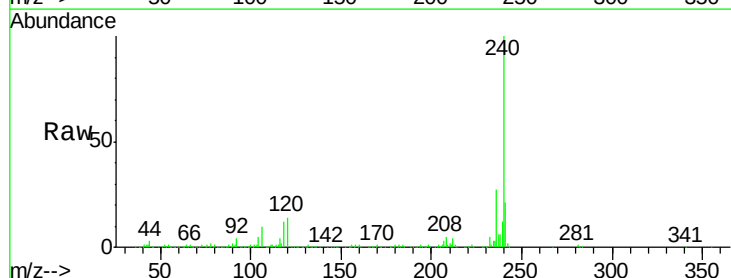
Tgt Ion:228 Resp: 1151

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

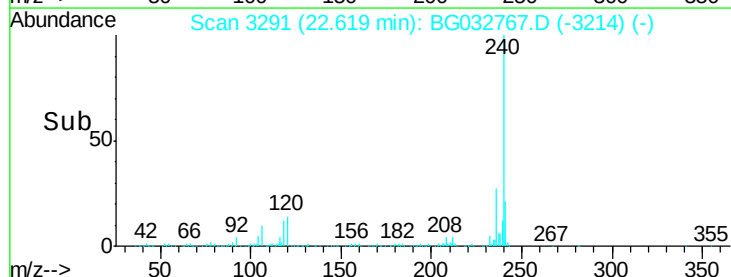
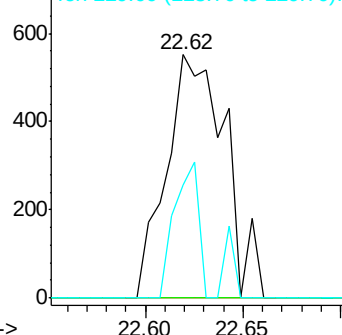
229 46.6 15.0 22.4#

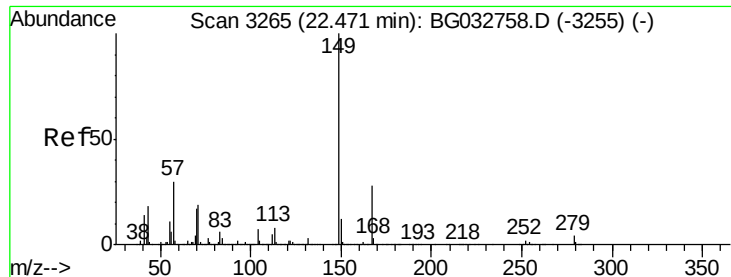


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

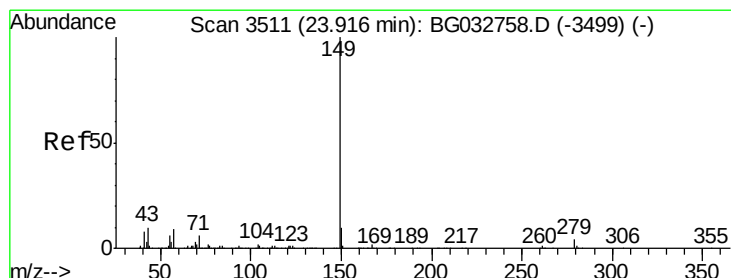
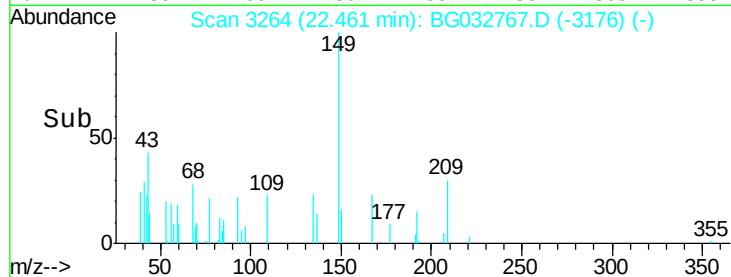
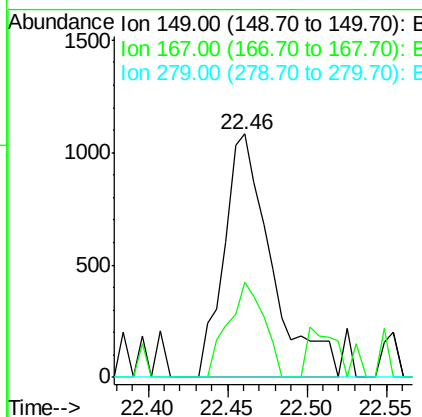
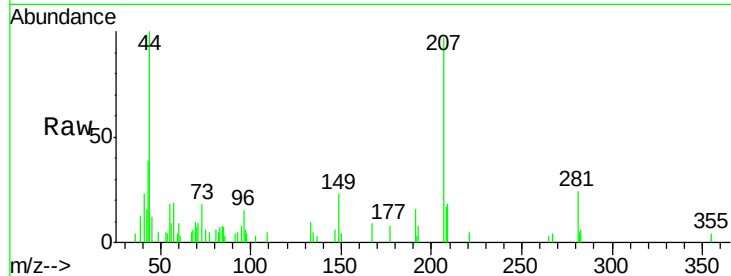




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 22.46 min Scan# 3264
 Delta R.T. -0.01 min
 Lab File: BG032767.D
 Acq: 21 Feb 2018 19:42

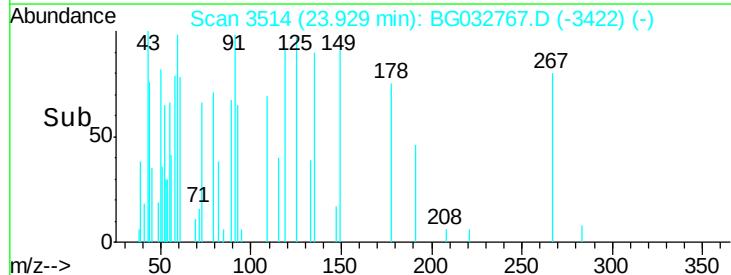
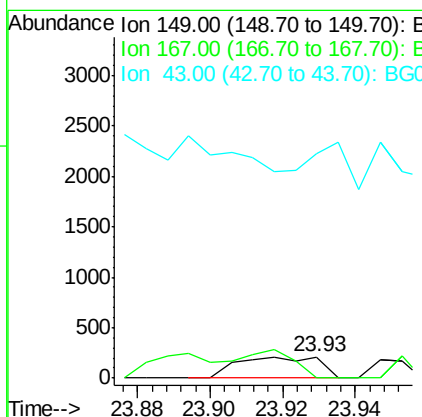
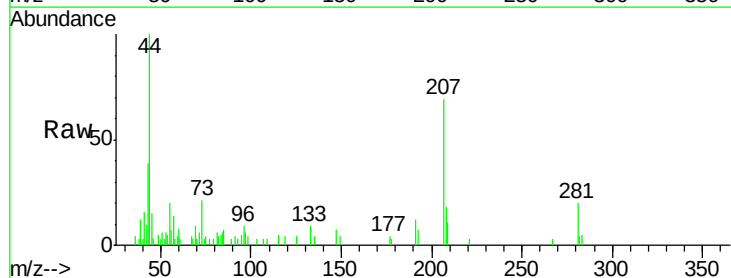
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-022018

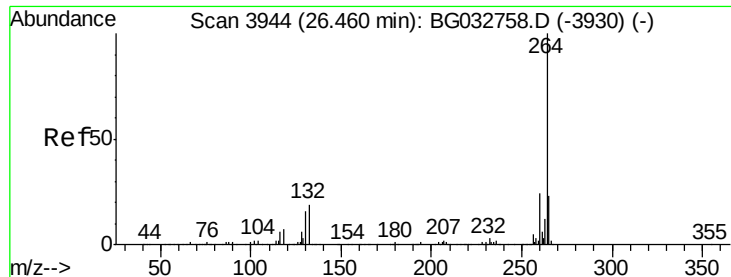
Tot Ion:149 Resp: 2251
 Ion Ratio Lower Upper
 149 100
 167 38.9 24.3 36.5#
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 0.012 ng
 RT: 23.93 min Scan# 3514
 Delta R.T. 0.01 min
 Lab File: BG032767.D
 Acq: 21 Feb 2018 19:42

Tgt Ion:149 Resp: 330
 Ion Ratio Lower Upper
 149 100
 167 73.0 1.4 2.0#
 43 108.8 8.9 13.3#

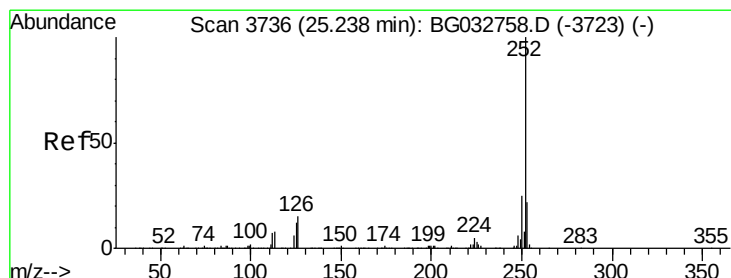
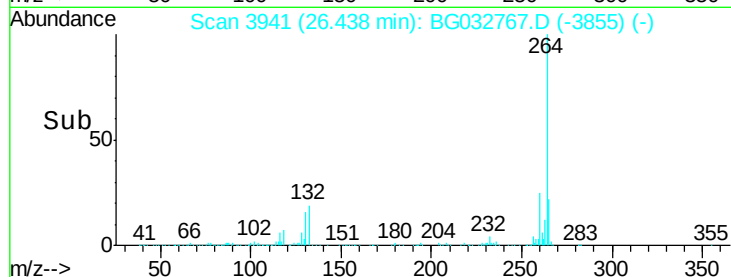
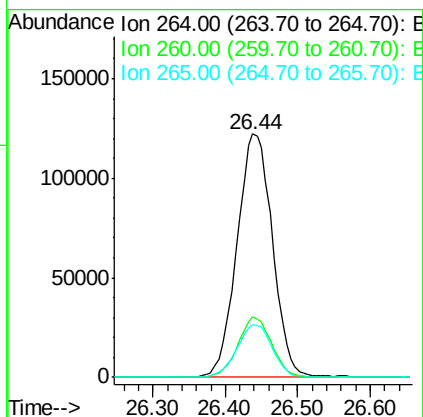
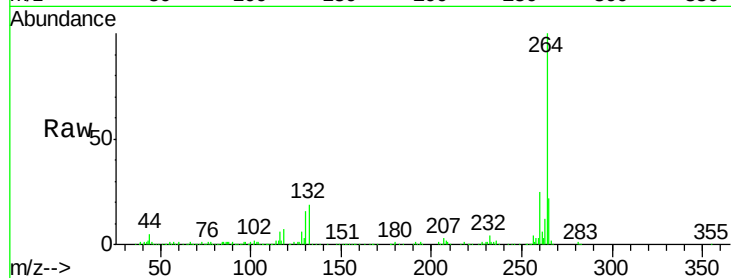




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

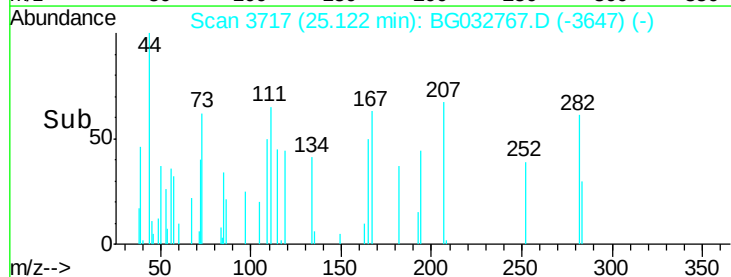
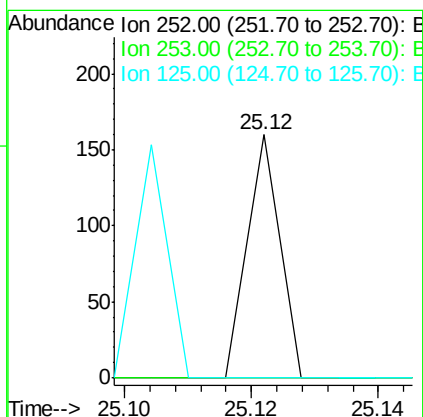
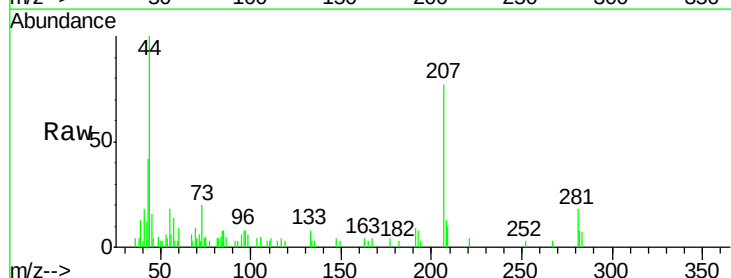
Instrument :
BNA_G
ClientSampleId :
TR-05-022018

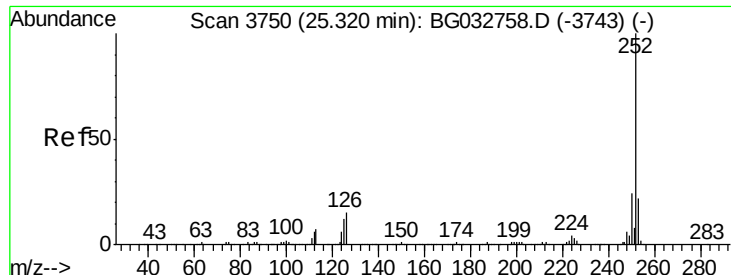
Tot Ion:264 Resp: 414980
Ion Ratio Lower Upper
264 100
260 24.7 17.4 26.0
265 21.7 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 25.12 min Scan# 3717
Delta R.T. -0.12 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion:252 Resp: 56
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 7.2 10.8#

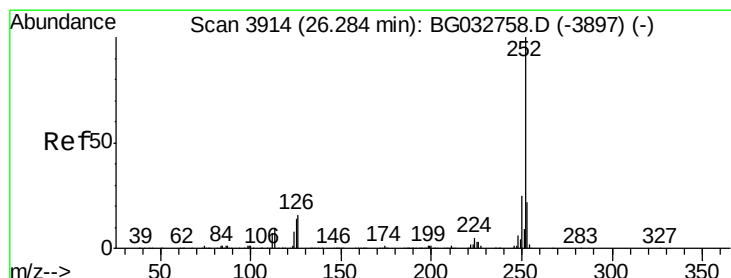
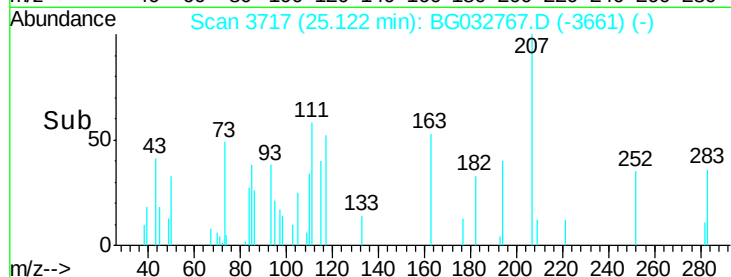
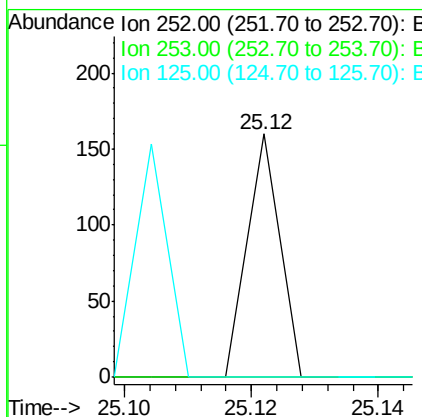
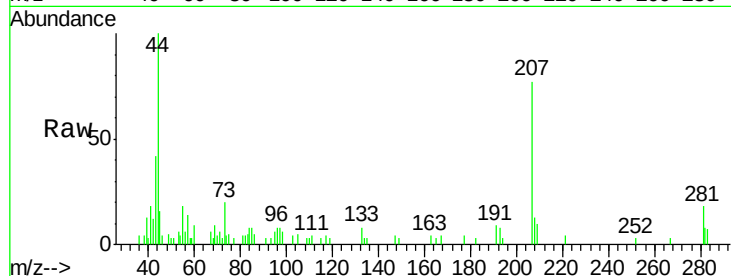




#88
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 25.12 min Scan# 3717
Delta R.T. -0.20 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Instrument :
BNA_G
ClientSampleId :
TR-05-022018

Tot Ion:252 Resp: 56
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 6.6 9.8#



#89
Benzo(a)pyrene
Concen: 0.064 ng
RT: 26.43 min Scan# 3940
Delta R.T. 0.15 min
Lab File: BG032767.D
Acq: 21 Feb 2018 19:42

Tgt Ion:252 Resp: 1502
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 44.9 7.3 10.9#

