

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032857.D
 Acq On : 27 Feb 2018 16:40
 Operator : SJ/JU
 Sample : PB106878BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 28 02:37:27 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	8.92	152	67398	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	303901	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	183224	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	413647	20.00	ng	0.00
75) Chrysene-d12	22.63	240	378216	20.00	ng	0.00
86) Perylene-d12	26.43	264	410605	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	402407	95.52	ng	0.00
7) Phenol-d6	8.02	99	541815	92.27	ng	0.00
23) Nitrobenzene-d5	10.12	82	438501	98.37	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	190145	98.70	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1026436	80.80	ng	0.00
78) Terphenyl-d14	20.78	244	1411769	83.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	66718	36.49	ng	87
3) Pyridine	4.42	79	194487	38.59	ng	93
4) n-Nitrosodimethylamine	4.33	42	92349	45.71	ng	# 92
6) Aniline	8.21	93	143661	18.07	ng	96
8) 2-Chlorophenol	8.46	128	215028	46.63	ng	93
9) Benzaldehyde	8.02	77	87624	25.89	ng	94
10) Phenol	8.05	94	278421	47.04	ng	90
11) bis(2-Chloroethyl)ether	8.30	93	188712	38.99	ng	93
12) 1,3-Dichlorobenzene	8.81	146	208892	38.68	ng	97
13) 1,4-Dichlorobenzene	8.96	146	211493	38.90	ng	93
14) 1,2-Dichlorobenzene	9.29	146	203040	38.97	ng	99
15) Benzyl Alcohol	9.15	79	183901	42.60	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	306250	36.81	ng	96
17) 2-Methylphenol	9.35	107	186303	42.68	ng	94
18) Hexachloroethane	10.05	117	75810	40.96	ng	# 86
19) n-Nitroso-di-n-propylamine	9.73	70	156662	37.79	ng	# 96
20) 3+4-Methylphenols	9.68	107	260835	42.98	ng	93
22) Acetophenone	9.77	105	295973	38.56	ng	# 93
24) Nitrobenzene	10.17	77	220746	45.87	ng	90
25) Isophorone	10.69	82	436822	40.95	ng	# 94
26) 2-Nitrophenol	10.89	139	107865	58.44	ng	90
27) 2,4-Dimethylphenol	10.92	122	236635	51.07	ng	88
28) bis(2-Chloroethoxy)methane	11.17	93	271093	43.63	ng	# 95
29) 2,4-Dichlorophenol	11.43	162	207420	49.32	ng	93
30) 1,2,4-Trichlorobenzene	11.66	180	188062	38.15	ng	98
31) Naphthalene	11.86	128	633776	39.91	ng	99
32) Benzoic acid	11.01	122	119827	43.44	ng	# 82
33) 4-Chloroaniline	11.95	127	135707	19.11	ng	96
34) Hexachlorobutadiene	12.12	225	98570	35.65	ng	97
35) Caprolactam	12.70	113	87975	52.24	ng	# 82
36) 4-Chloro-3-methylphenol	13.00	107	249322	50.94	ng	90
37) 2-Methylnaphthalene	13.41	142	477787	41.59	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	200960	36.95	ng	# 97
40) Hexachlorocyclopentadiene	13.74	237	244968	88.37	ng	93

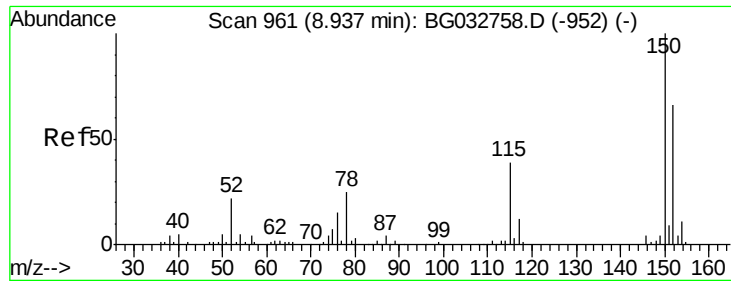
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	162146	47.27	nq	99
43) 2,4,5-Trichlorophenol	14.05	196	180480	45.46	nq	95
45) 1,1'-Biphenyl	14.38	154	611667	38.20	nq	95
46) 2-Chloronaphthalene	14.44	162	466634	39.02	nq	96
47) 2-Nitroaniline	14.61	65	164441	53.18	nq	90
48) Acenaphthylene	15.27	152	774253	39.54	nq	99
49) Dimethylphthalate	14.97	163	631131	40.57	nq	99
50) 2,6-Dinitrotoluene	15.09	165	139630	53.07	nq	88
51) Acenaphthene	15.60	154	495737	40.65	nq	98
52) 3-Nitroaniline	15.42	138	96802	33.16	nq	# 81
53) 2,4-Dinitrophenol	15.62	184	53498	69.42	nq	# 1
54) Dibenzofuran	15.93	168	723061	41.64	nq	95
55) 4-Nitrophenol	15.69	139	243416	94.17	nq	# 79
56) 2,4-Dinitrotoluene	15.86	165	196691	60.78	nq	# 86
57) Fluorene	16.57	166	595432	41.55	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.06	232	153820	49.91	nq	95
59) Diethylphthalate	16.30	149	672369	40.98	nq	99
60) 4-Chlorophenyl-phenylether	16.55	204	293518	41.87	nq	94
61) 4-Nitroaniline	16.57	138	152172	45.49	nq	81
62) Azobenzene	16.84	77	610882	41.61	nq	98
64) 4,6-Dinitro-2-methylphenol	16.62	198	59958	49.29	nq	95
65) n-Nitrosodiphenylamine	16.76	169	557777	41.45	nq	98
66) 4-Bromophenyl-phenylether	17.44	248	177935	40.68	nq	# 87
67) Hexachlorobenzene	17.57	284	183396	38.80	nq	# 92
68) Atrazine	17.68	200	191667	43.27	nq	96
69) Pentachlorophenol	17.90	266	224971	75.56	nq	97
70) Phenanthrene	18.31	178	944337	40.92	nq	97
71) Anthracene	18.40	178	966073	41.70	nq	98
72) Carbazole	18.65	167	905884	39.67	nq	97
73) Di-n-butylphthalate	19.15	149	1121904	40.05	nq	98
74) Fluoranthene	20.26	202	1042013	40.88	nq	93
76) Benzidine	20.41	184	313398	24.31	nq	98
77) Pyrene	20.62	202	1052708	39.47	nq	97
79) Butylbenzylphthalate	21.48	149	529715	44.79	nq	92
80) Benzo(a)anthracene	22.60	228	1013616	41.79	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	213019	23.71	nq	# 96
82) Chrysene	22.68	228	950068	41.01	nq	98
83) Bis(2-ethylhexyl)phthalate	22.44	149	755466	43.16	nq	97
84) Di-n-octyl phthalate	23.86	149	1292787	48.45	nq	98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1161381	42.98	nq	94
87) Benzo(b)fluoranthene	25.21	252	1014440	41.78	nq	# 97
88) Benzo(k)fluoranthene	25.29	252	1008658	41.80	nq	# 94
89) Benzo(a)pyrene	26.26	252	991519	42.94	nq	# 96
90) Dibenzo(a,h)anthracene	30.96	278	968453	41.67	nq	# 92
91) Benzo(g,h,i)perylene	32.26	276	964220	42.08	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

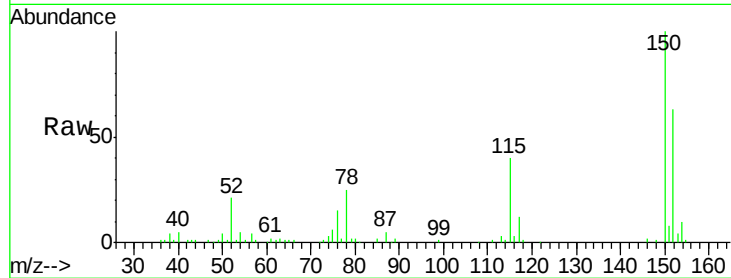
Tot Ion:152 Resp: 67398

Ion Ratio Lower Upper

152 100

150 158.9 126.6 189.8

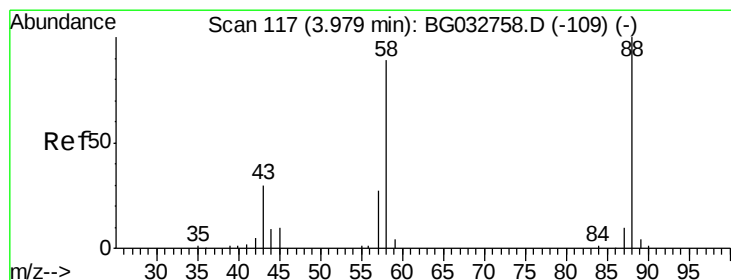
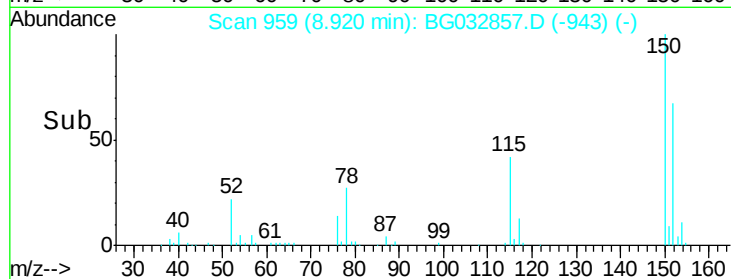
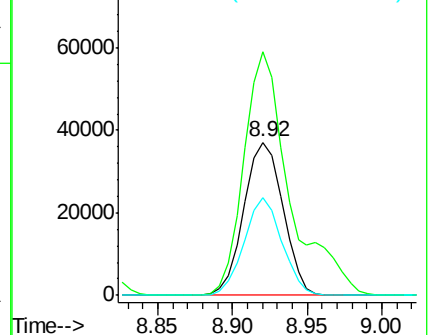
115 63.8 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.49 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.02 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

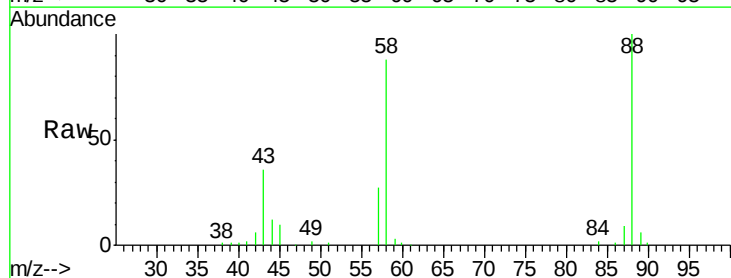
Tgt Ion: 88 Resp: 66718

Ion Ratio Lower Upper

88 100

58 84.2 79.6 119.4

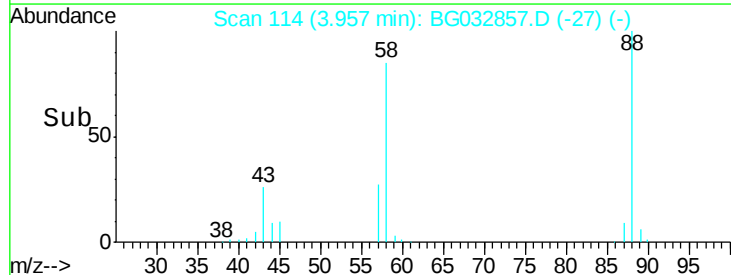
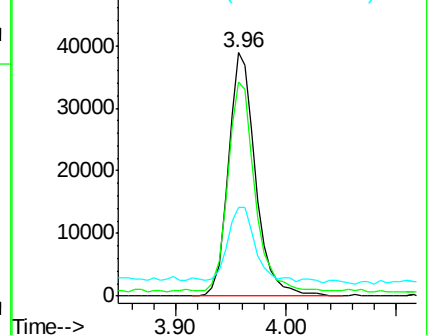
43 30.7 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.59 ng

RT: 4.42 min Scan# 193

Delta R.T. -0.02 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampled :

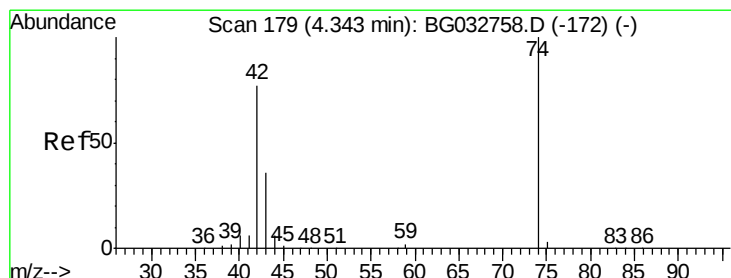
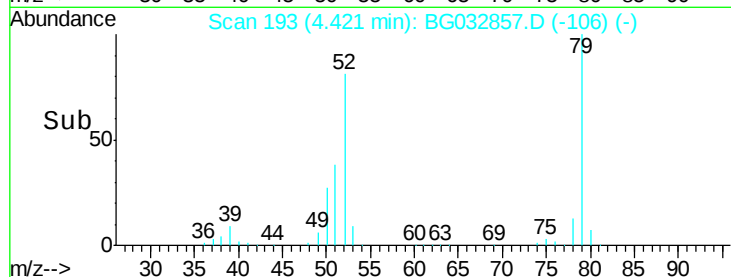
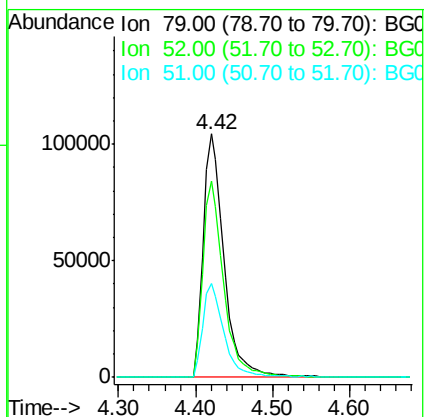
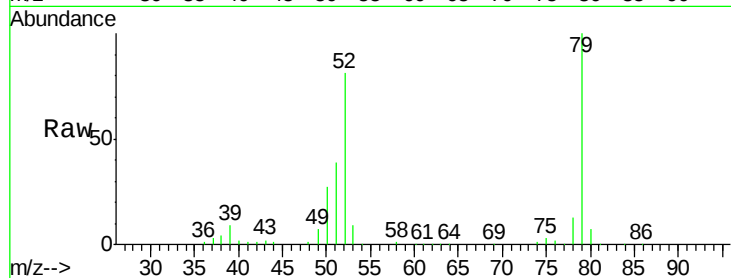
Tot Ion: 79 Resp: 194487

Ion Ratio Lower Upper

79 100

52 80.6 69.9 104.9

51 38.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 45.71 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

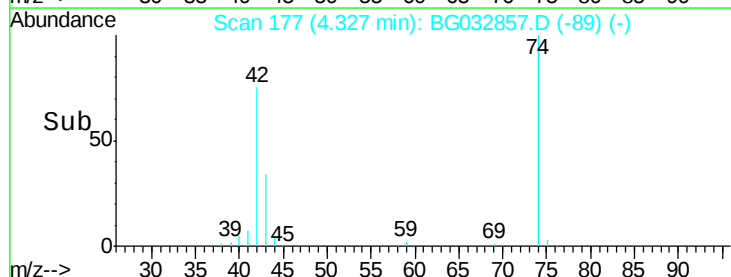
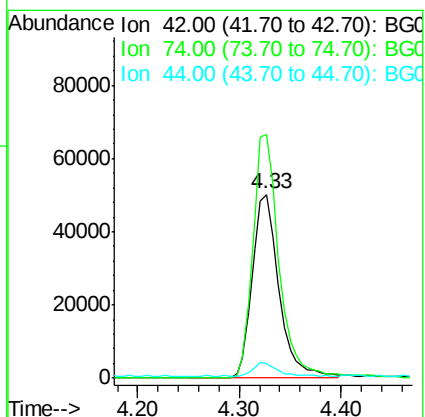
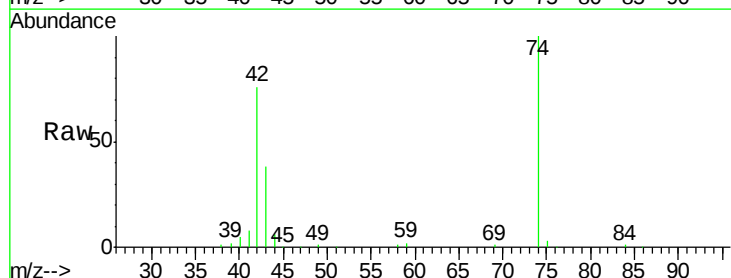
Tgt Ion: 42 Resp: 92349

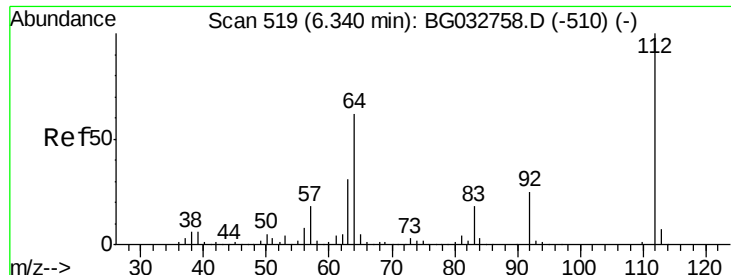
Ion Ratio Lower Upper

42 100

74 132.3 102.5 153.7

44 7.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 95.52 ng

RT: 6.34 min Scan# 519

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampled :

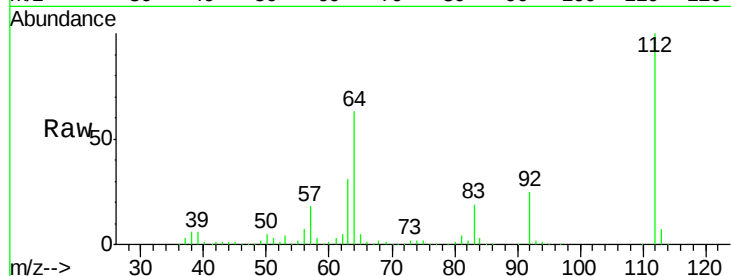
Tot Ion:112 Resp: 402407

Ion Ratio Lower Upper

112 100

64 63.2 56.3 84.5

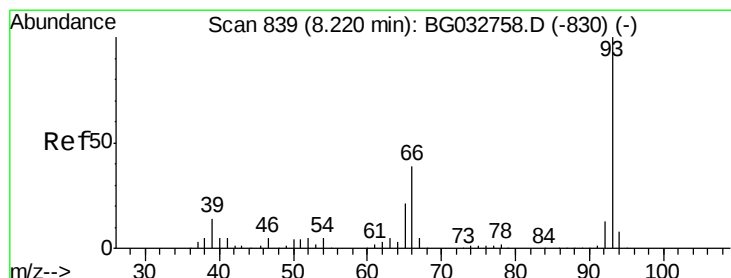
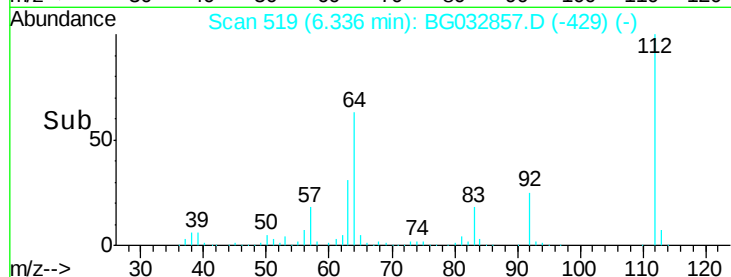
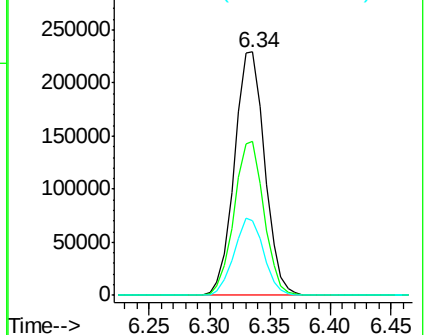
63 30.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.07 ng

RT: 8.21 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

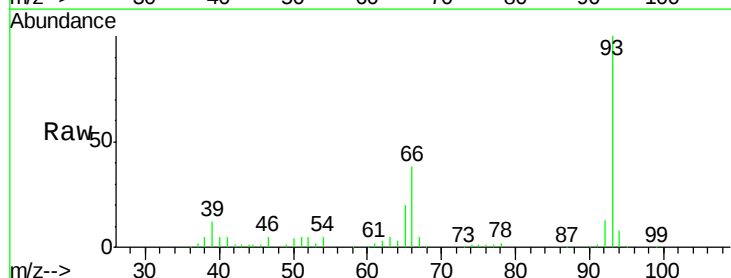
Tgt Ion: 93 Resp: 143661

Ion Ratio Lower Upper

93 100

66 38.4 33.7 50.5

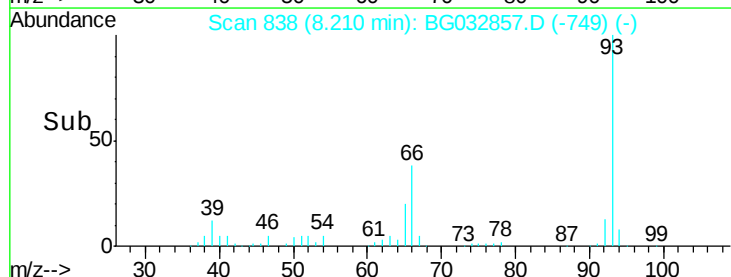
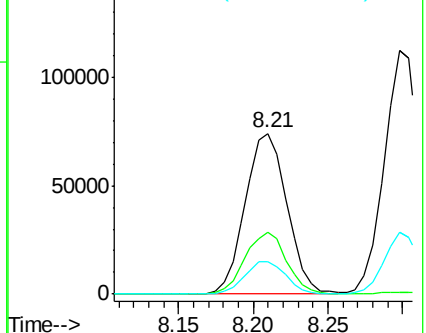
65 20.4 16.1 24.1

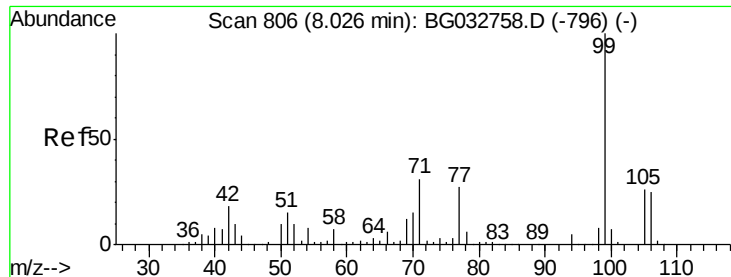


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.27 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

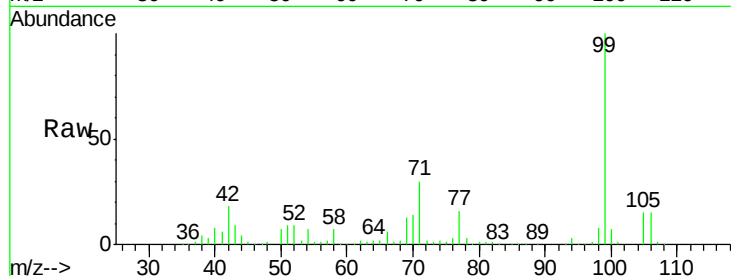
Tot Ion: 99 Resp: 541815

Ion Ratio Lower Upper

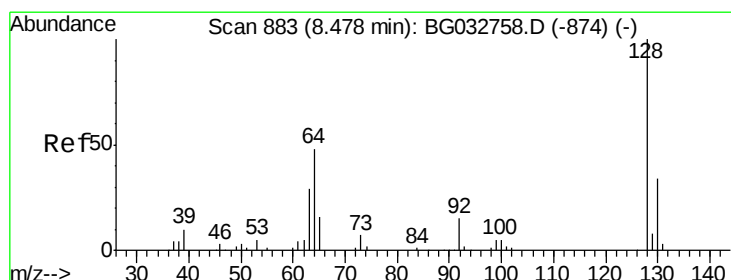
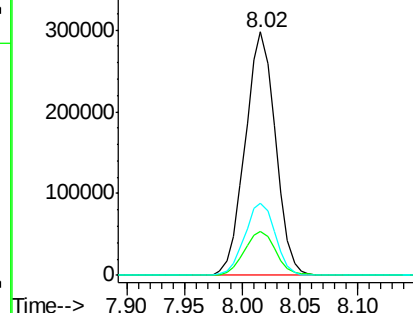
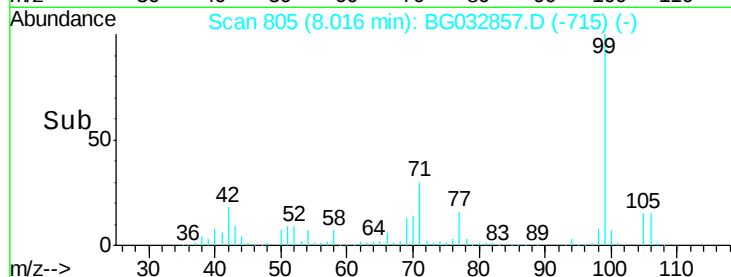
99 100

42 18.0 14.1 21.1

71 29.8 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: 46.63 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

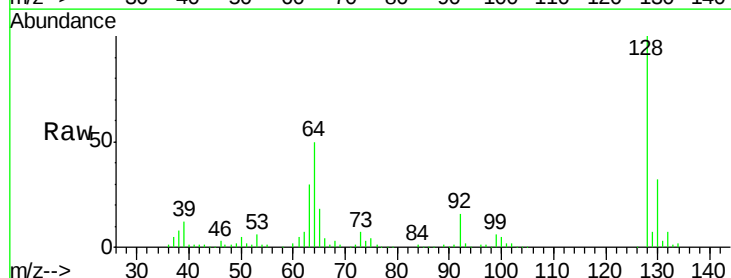
Tgt Ion: 128 Resp: 215028

Ion Ratio Lower Upper

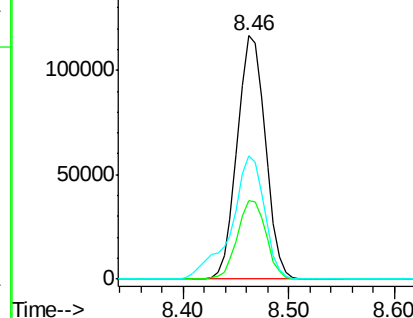
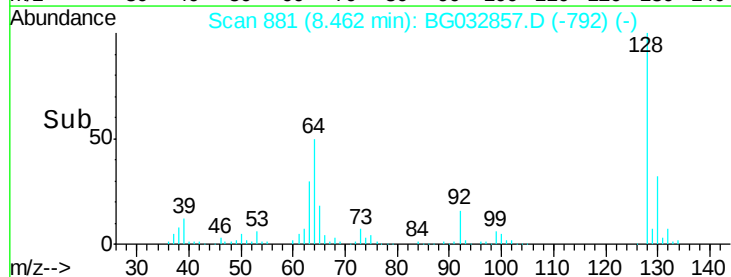
128 100

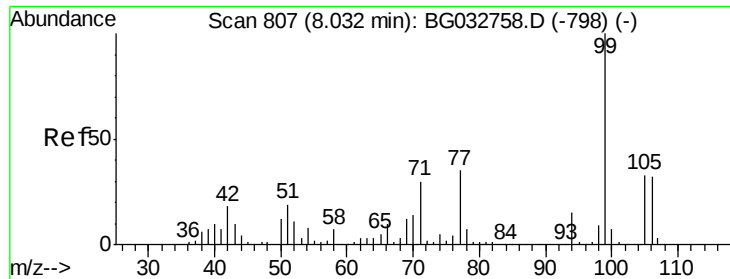
130 32.2 14.0 54.0

64 50.4 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: 25.89 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

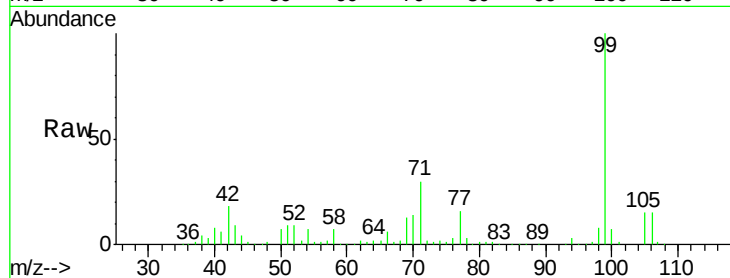
Tot Ion: 77 Resp: 87624

Ion Ratio Lower Upper

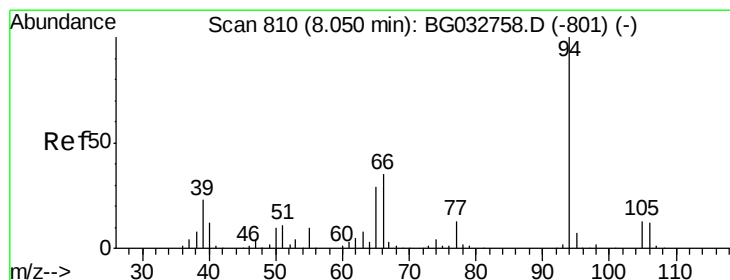
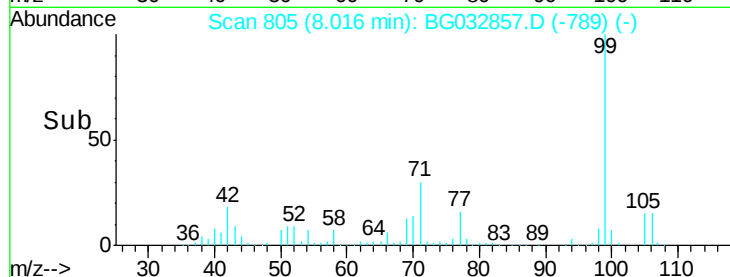
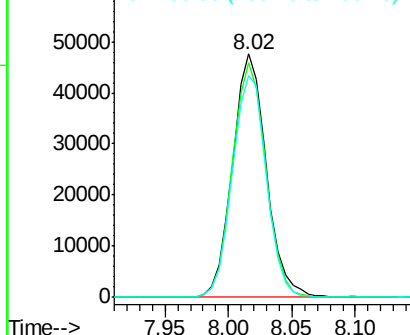
77 100

105 96.2 71.3 111.3

106 90.9 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: 47.04 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

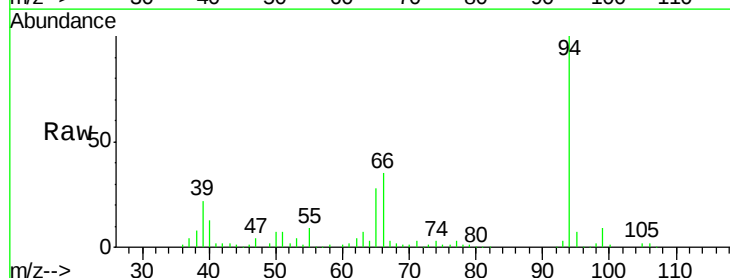
Tgt Ion: 94 Resp: 278421

Ion Ratio Lower Upper

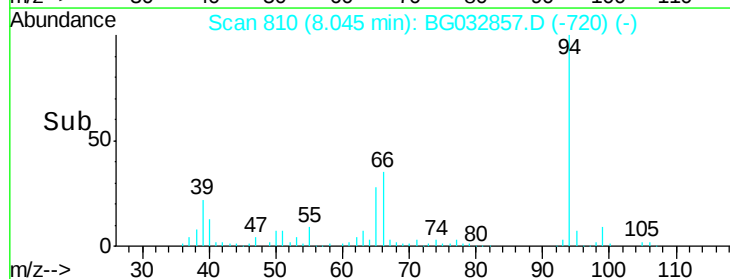
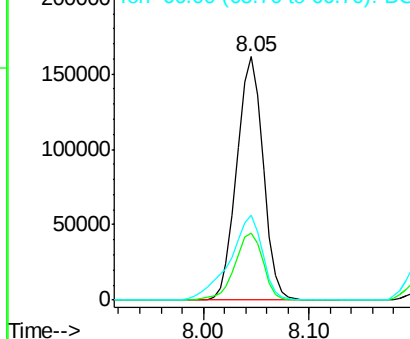
94 100

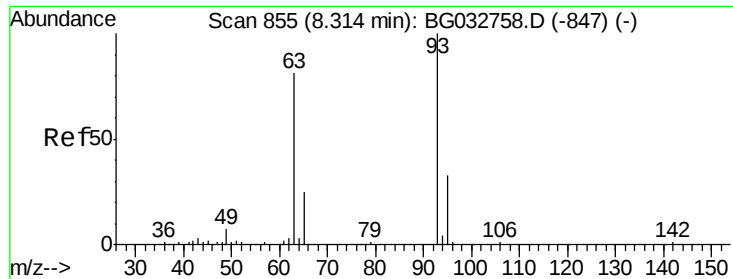
65 27.7 11.9 51.9

66 34.7 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

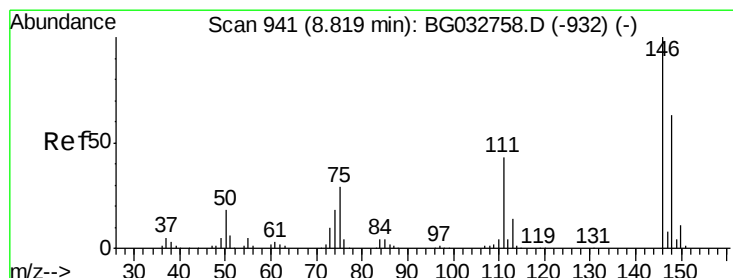
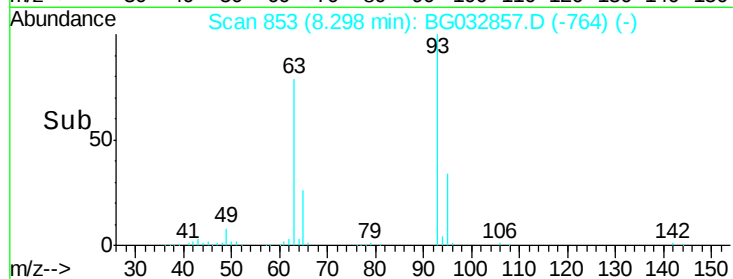
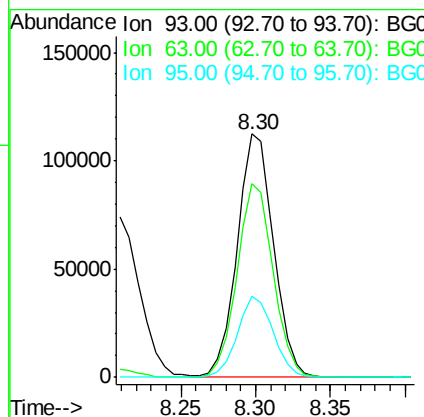
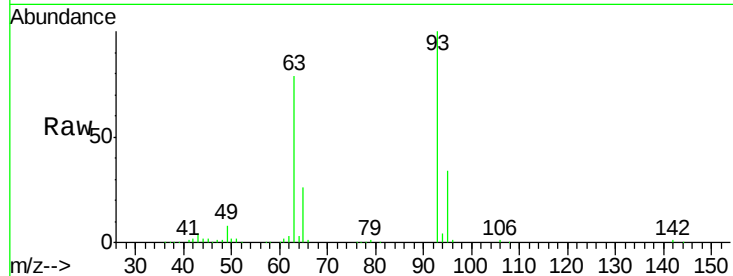




#11
bis(2-Chloroethyl)ether
Concen: 38.99 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

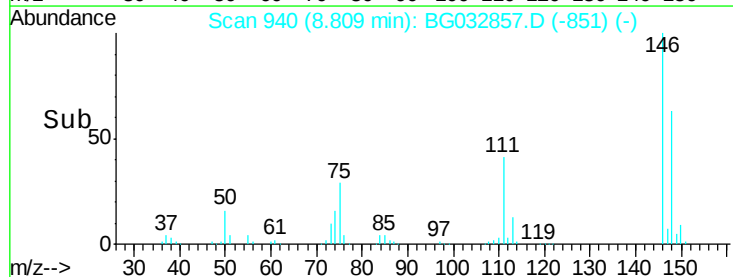
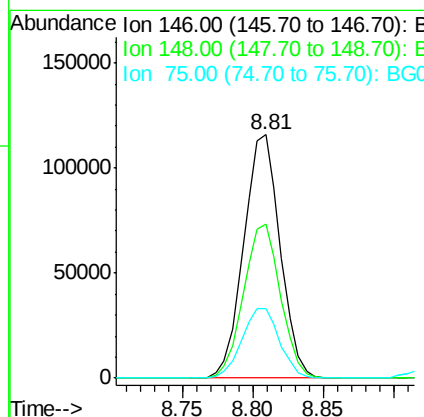
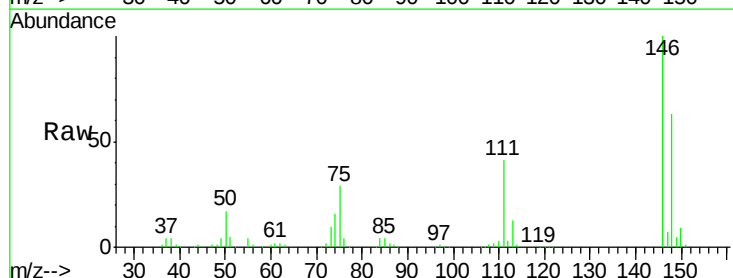
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 188712
Ion Ratio Lower Upper
93 100
63 79.3 67.1 107.1
95 33.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.68 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion: 146 Resp: 208892
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.2
75 28.7 26.6 39.8

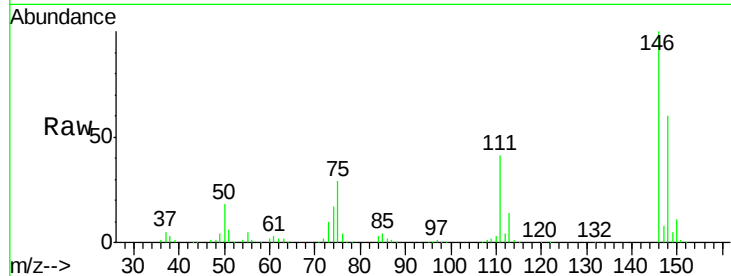




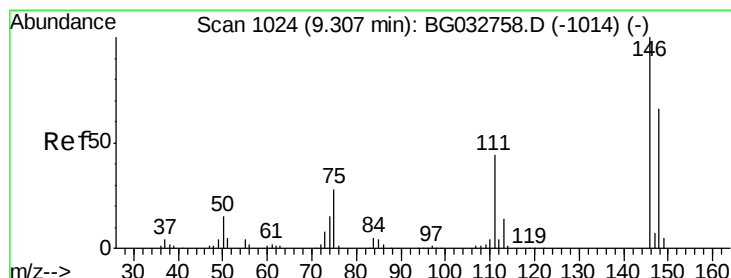
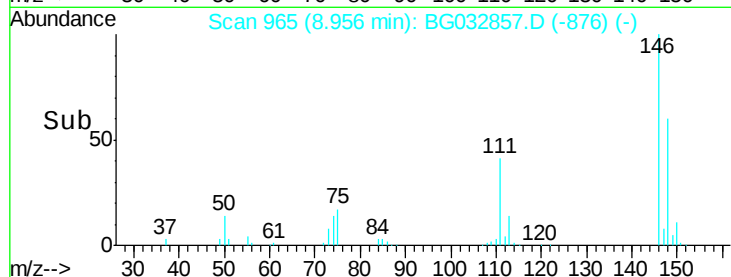
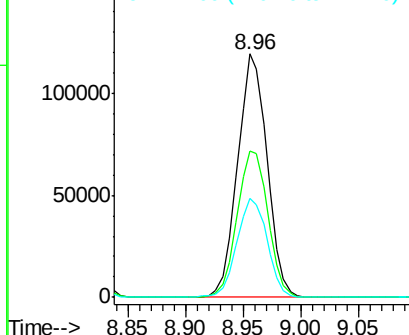
#13
 1,4-Dichlorobenzene
 Concen: 38.90 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 211493
 Ion Ratio Lower Upper
 146 100
 148 60.3 53.7 80.5
 111 40.7 35.2 52.8

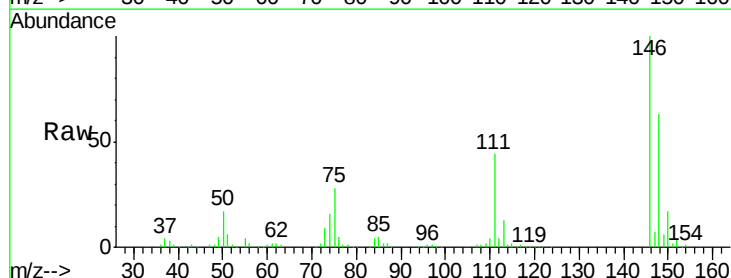


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

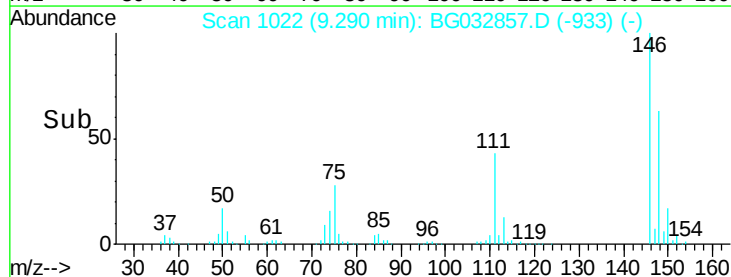
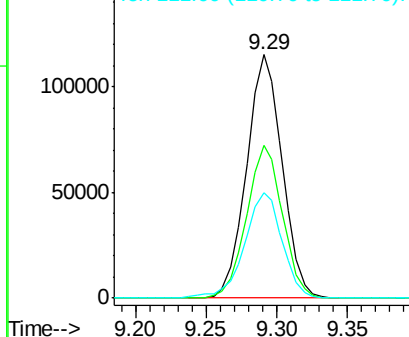


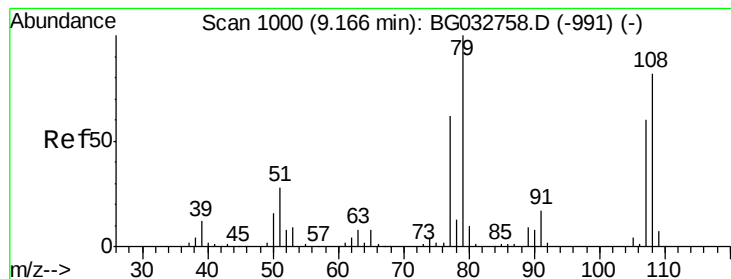
#14
 1,2-Dichlorobenzene
 Concen: 38.97 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:146 Resp: 203040
 Ion Ratio Lower Upper
 146 100
 148 62.9 49.3 73.9
 111 43.5 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.60 ng

RT: 9.15 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampled :

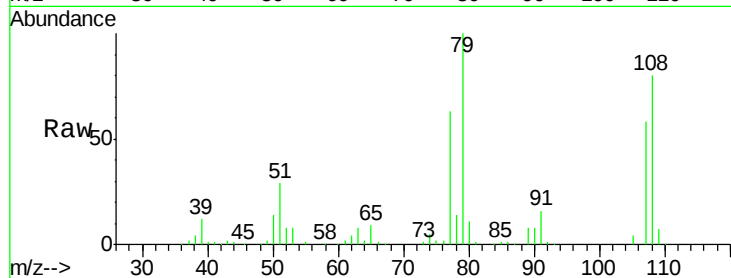
Tot Ion: 79 Resp: 183901

Ion Ratio Lower Upper

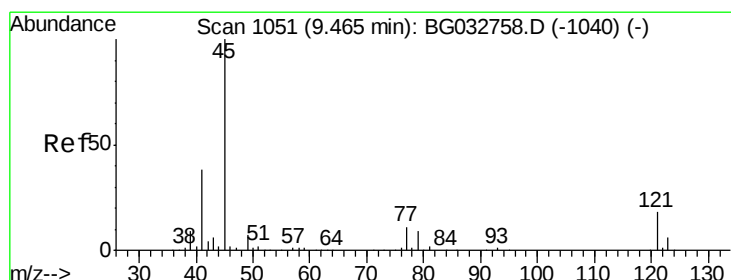
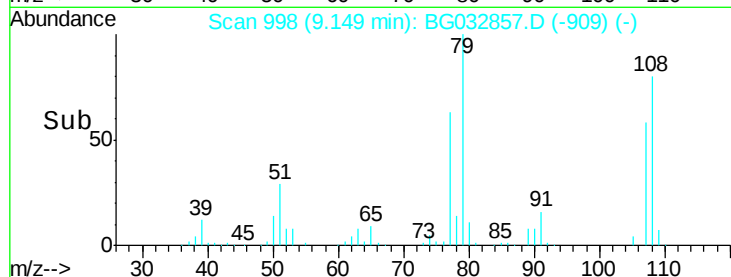
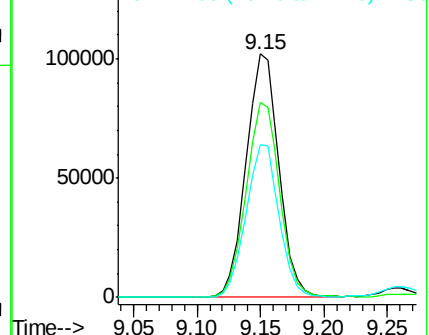
79 100

108 80.0 57.2 85.8

77 62.9 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.81 ng

RT: 9.45 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

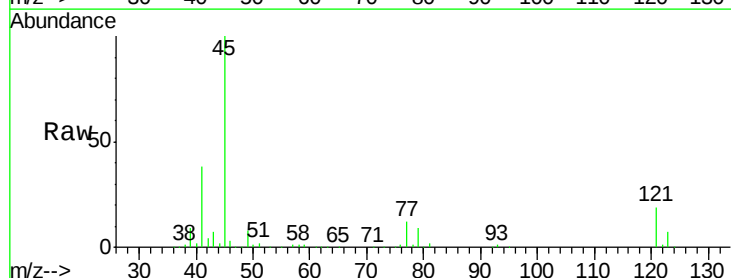
Tgt Ion: 45 Resp: 306250

Ion Ratio Lower Upper

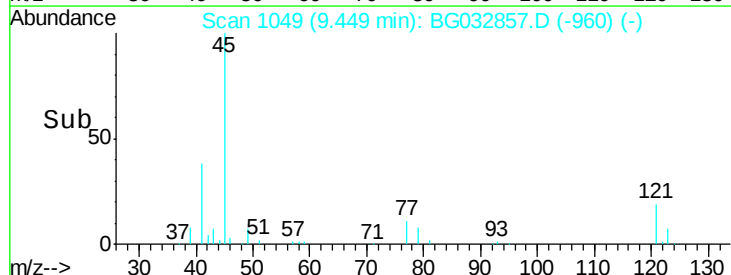
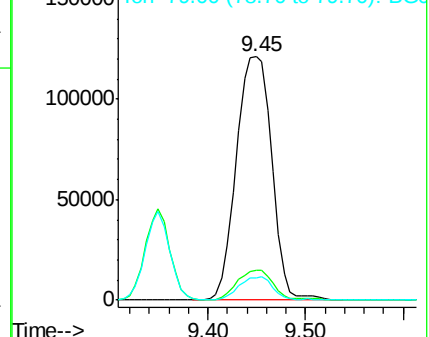
45 100

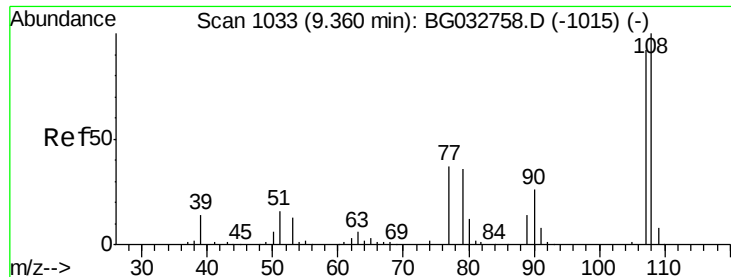
77 12.0 0.0 30.2

79 8.9 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 42.68 ng

RT: 9.35 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 186303

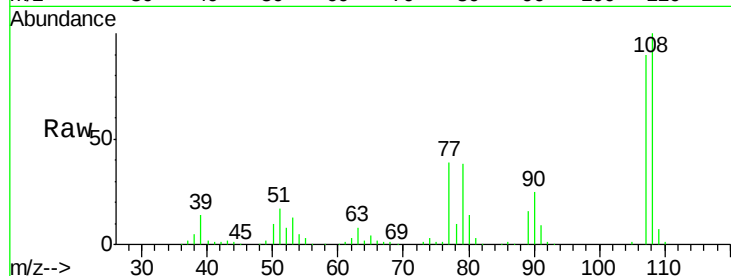
Ion Ratio Lower Upper

107 100

108 110.9 83.9 125.9

77 43.0 37.2 55.8

79 41.7 36.2 54.2

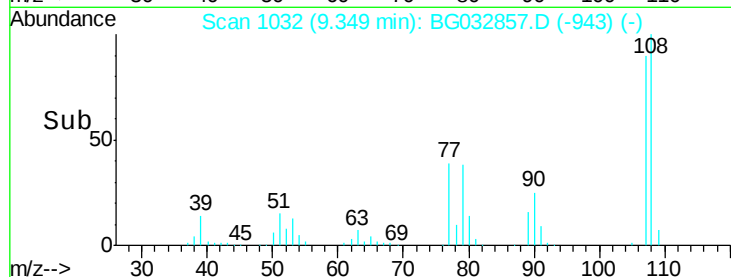


Abundance Ion 107.00 (106.70 to 107.70): E

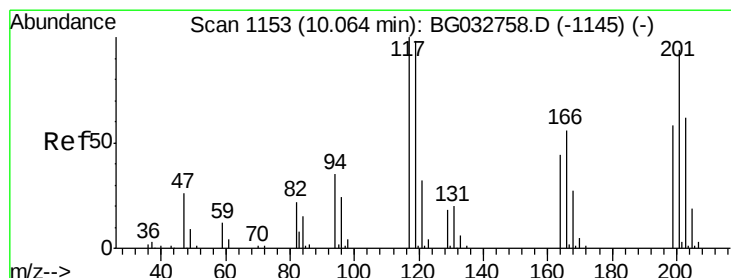
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 40.96 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

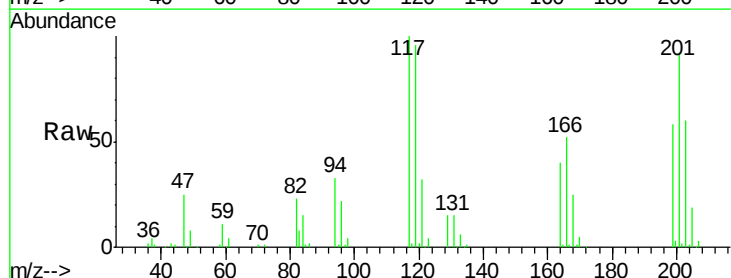
Tgt Ion:117 Resp: 75810

Ion Ratio Lower Upper

117 100

119 96.0 76.7 115.1

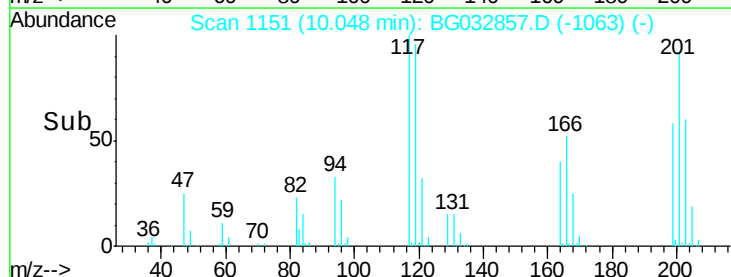
201 91.5 95.7 143.5#



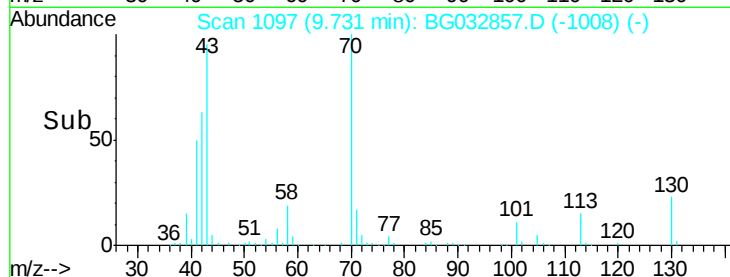
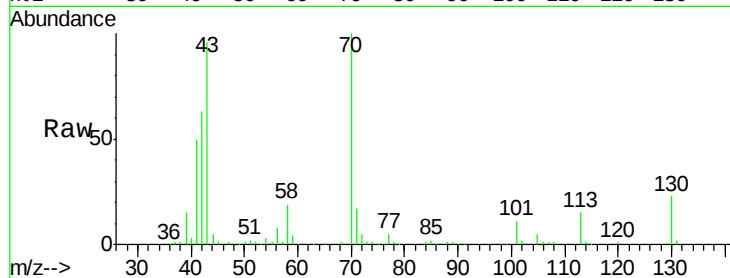
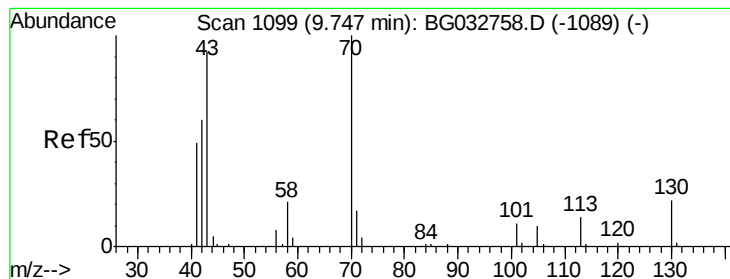
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 37.79 ng

RT: 9.73 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 156662

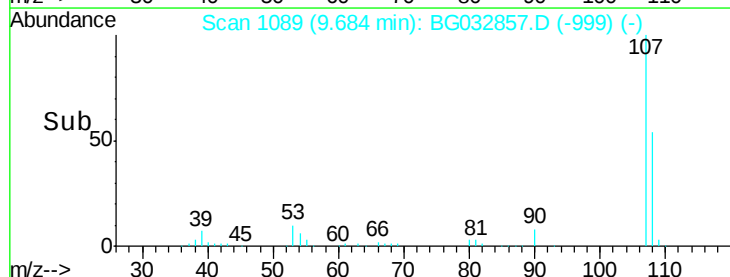
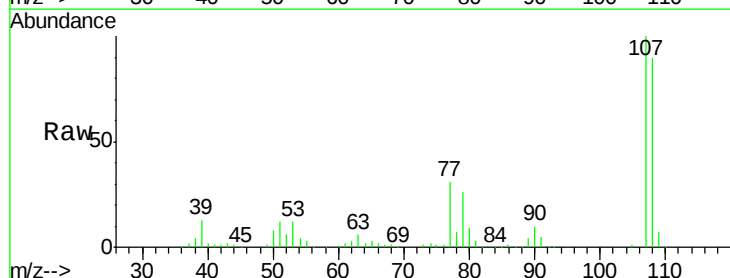
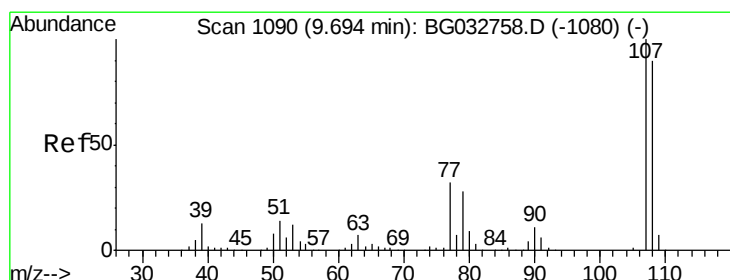
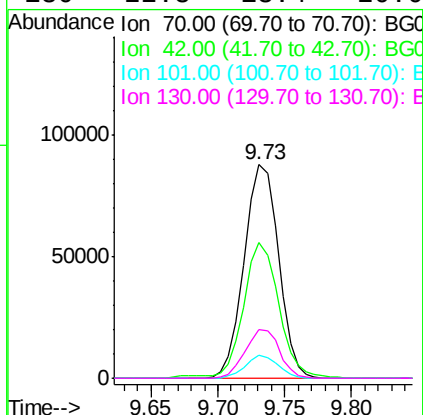
Ion Ratio Lower Upper

70 100

42 63.3 49.1 73.7

101 10.7 8.5 12.7

130 22.8 13.4 20.0#



#20

3+4-Methylphenols

Concen: 42.98 ng

RT: 9.68 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Tgt Ion: 107 Resp: 260835

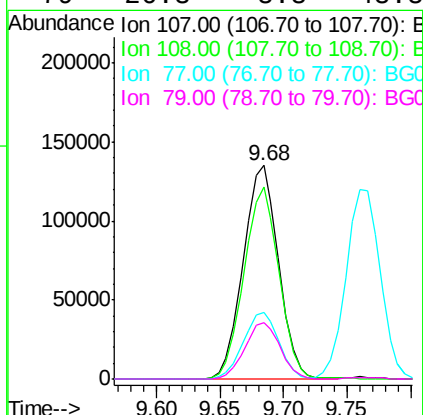
Ion Ratio Lower Upper

107 100

108 89.9 61.6 101.6

77 31.2 13.9 53.9

79 26.3 8.8 48.8

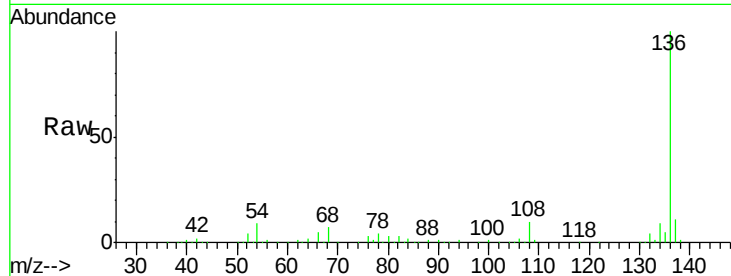




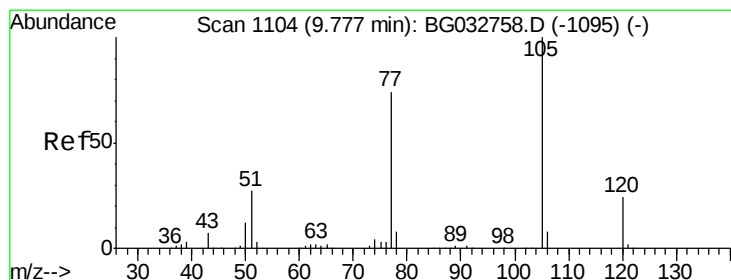
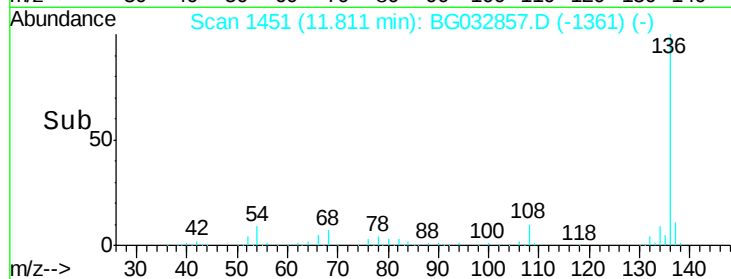
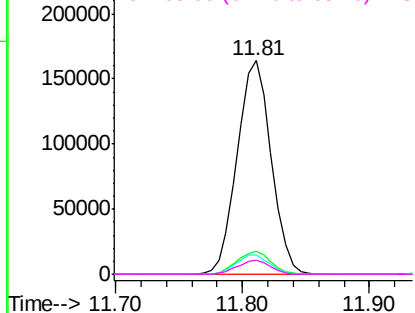
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	303901
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.0	10.3 15.5#
68	6.7	4.5 6.7

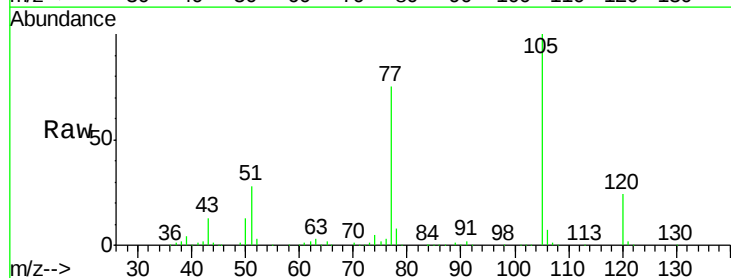


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

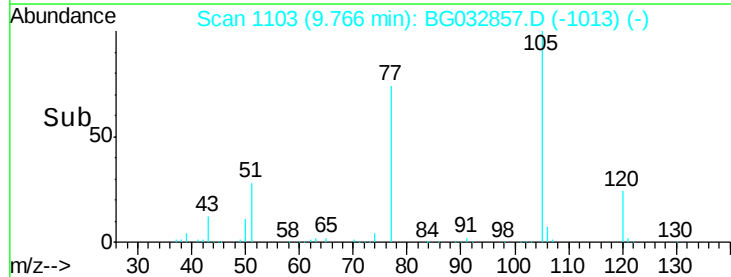
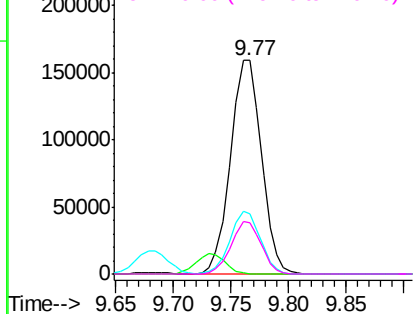


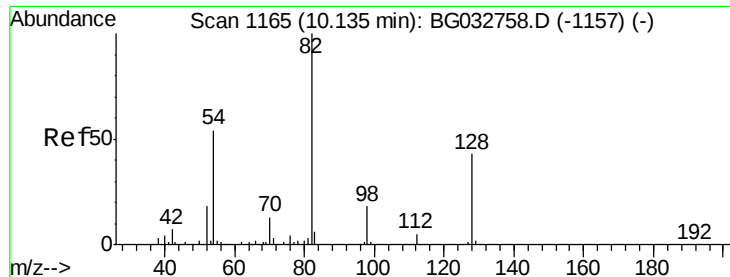
#22
Acetophenone
Concen: 38.56 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:105	Resp:	295973
Ion Ratio	Lower	Upper
105	100	
71	0.2	3.0 4.4#
51	28.1	26.1 39.1
120	23.9	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

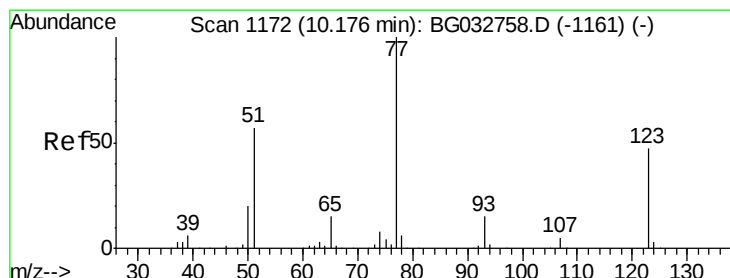
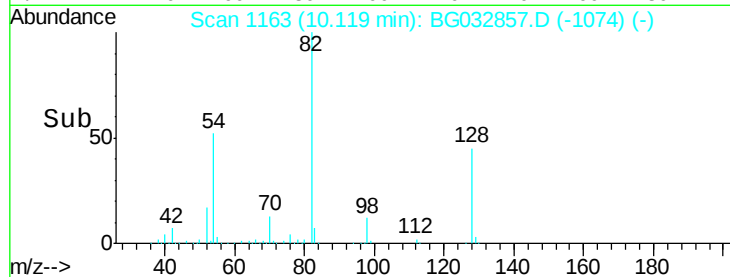
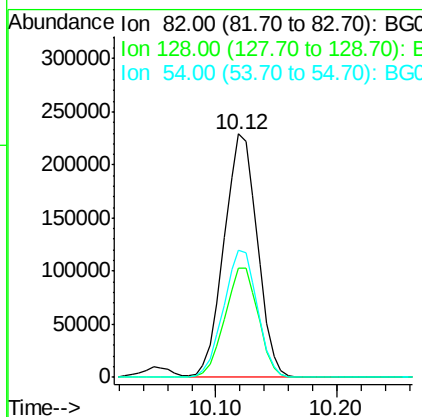
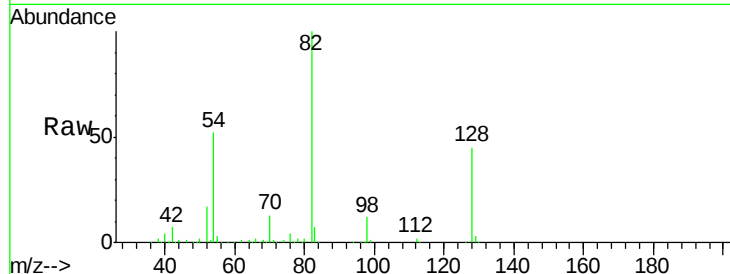




#23
 Nitrobenzene-d5
 Concen: 98.37 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

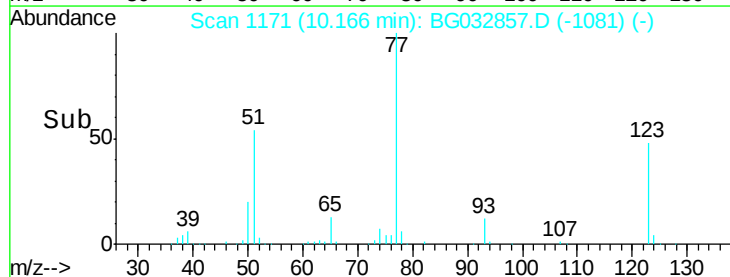
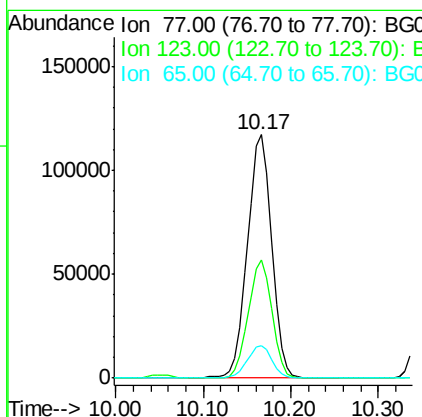
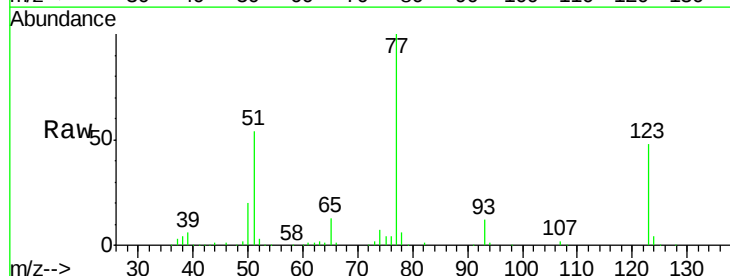
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	438501
Ion Ratio	Lower	Upper	
82	100		
128	44.7	29.7	44.5#
54	52.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 45.87 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion	77	Resp	220746
Ion Ratio	Lower	Upper	
77	100		
123	48.4	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 40.95 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

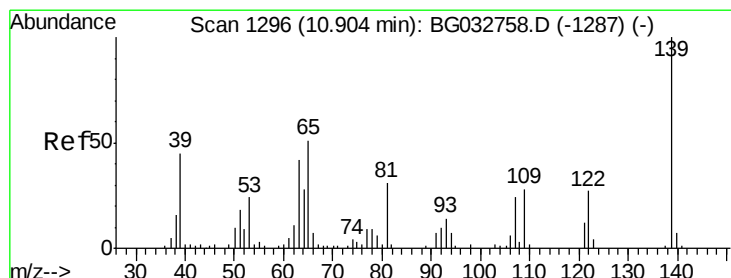
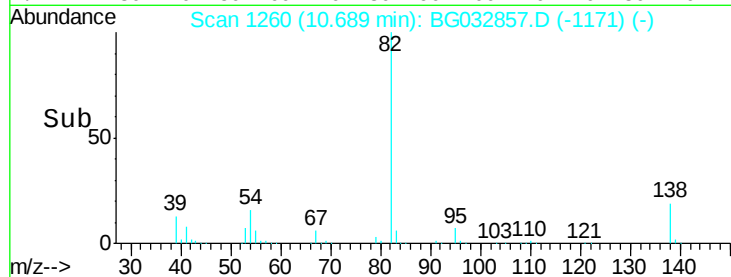
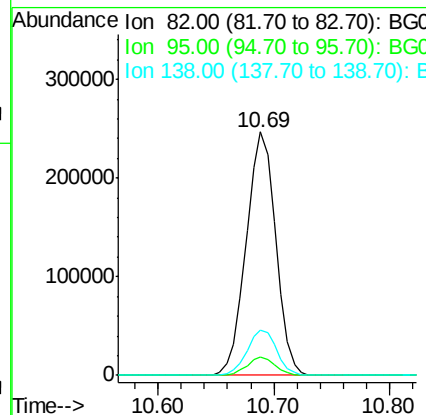
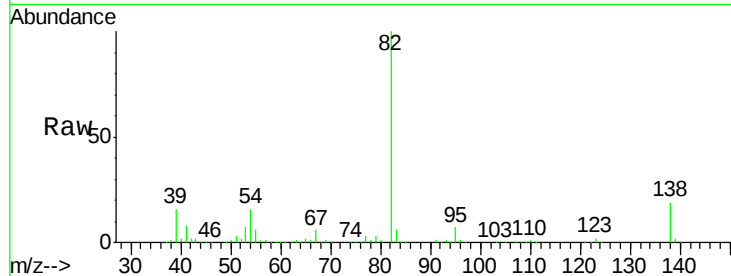
Tot Ion: 82 Resp: 436822

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 18.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 58.44 ng

RT: 10.89 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

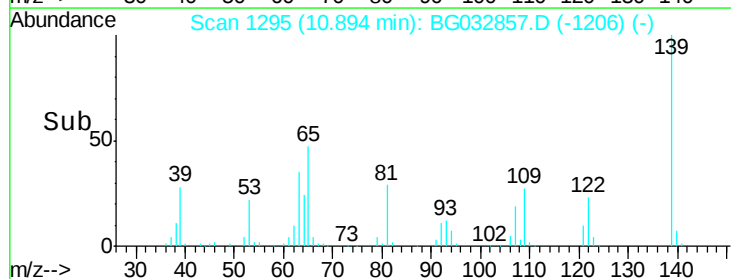
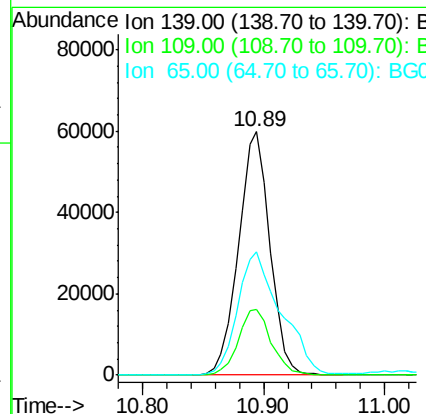
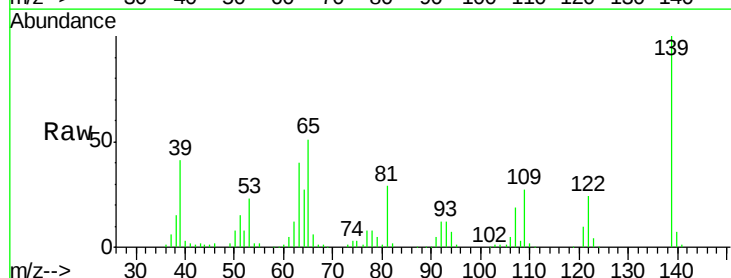
Tgt Ion: 139 Resp: 107865

Ion Ratio Lower Upper

139 100

109 27.0 24.2 36.2

65 50.6 47.4 71.0

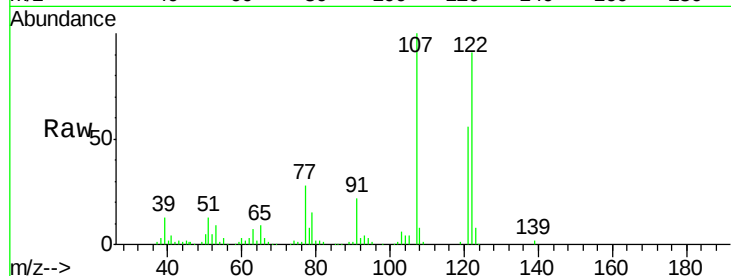




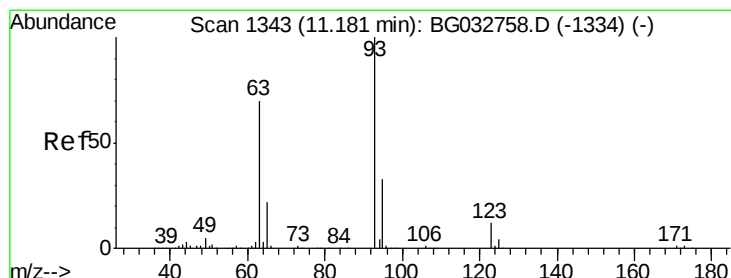
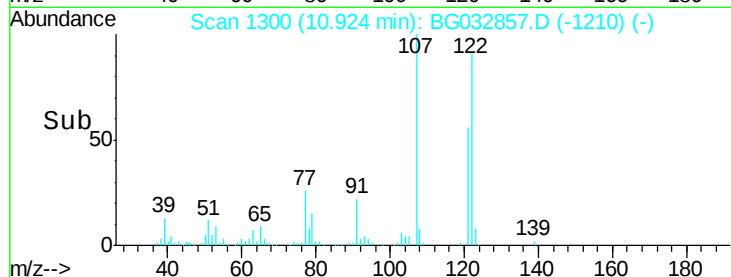
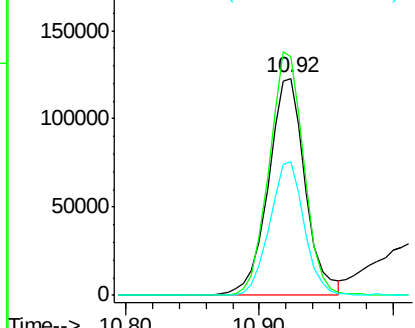
#27
 2,4-Dimethylphenol
 Concen: 51.07 ng
 RT: 10.92 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 236635
 Ion Ratio Lower Upper
 122 100
 107 109.7 100.2 150.2
 121 61.8 44.4 66.6

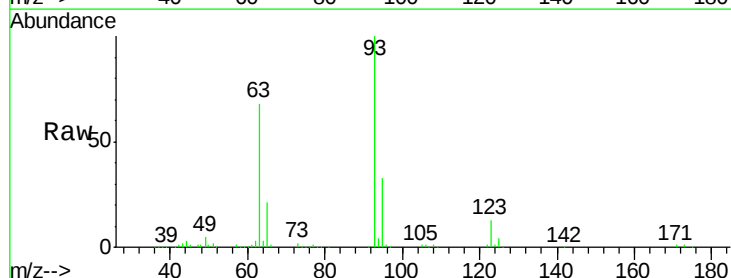


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

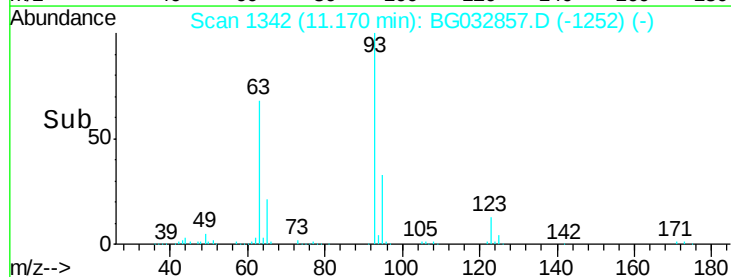
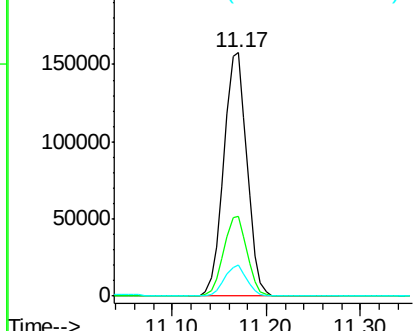


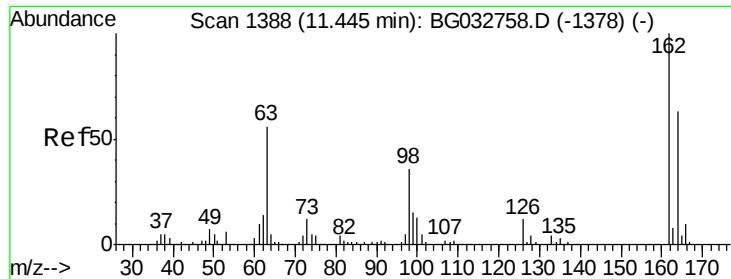
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.63 ng
 RT: 11.17 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion: 93 Resp: 271093
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.3 36.5
 123 13.0 8.4 12.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

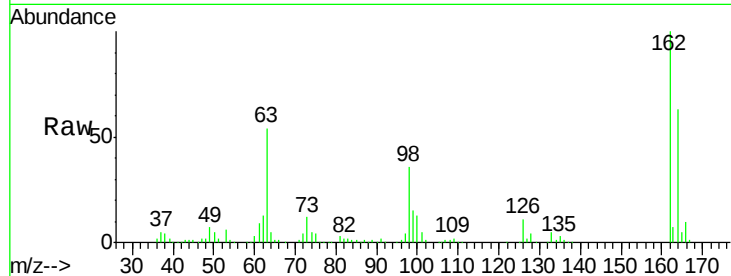




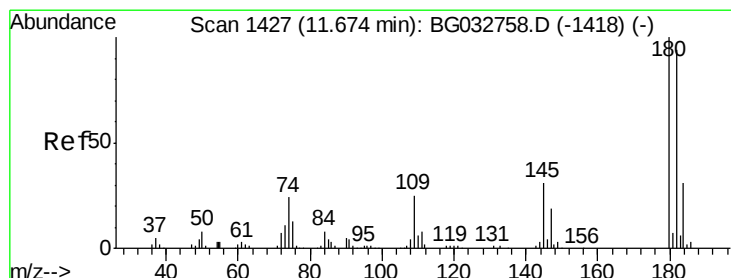
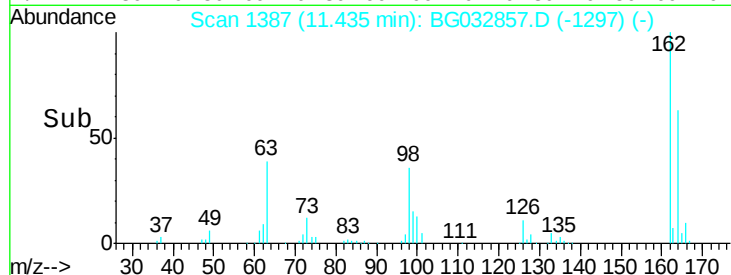
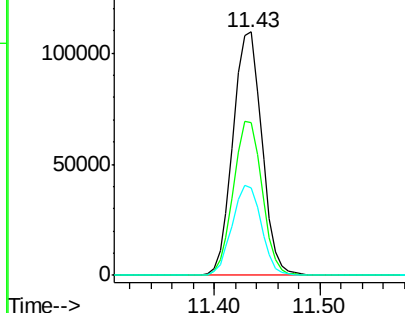
#29
 2,4-Dichlorophenol
 Concen: 49.32 ng
 RT: 11.43 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 207420
 Ion Ratio Lower Upper
 162 100
 164 62.9 48.0 88.0
 98 36.1 21.1 61.1

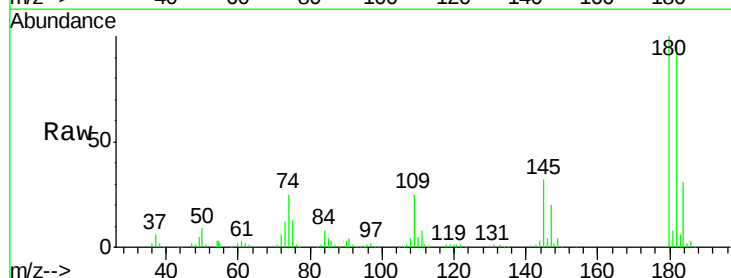


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

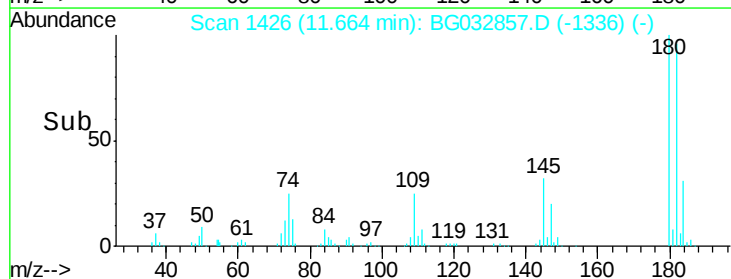
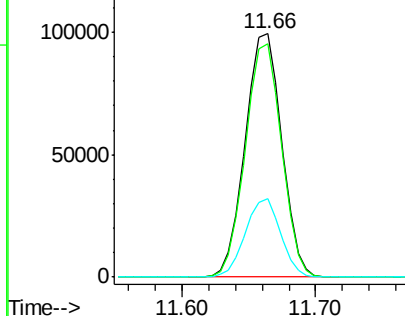


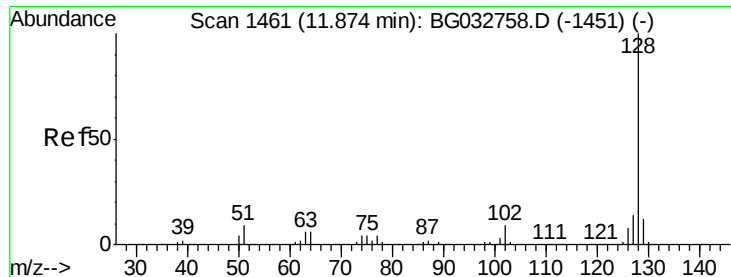
#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 11.66 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:180 Resp: 188062
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.5 116.3
 145 32.1 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

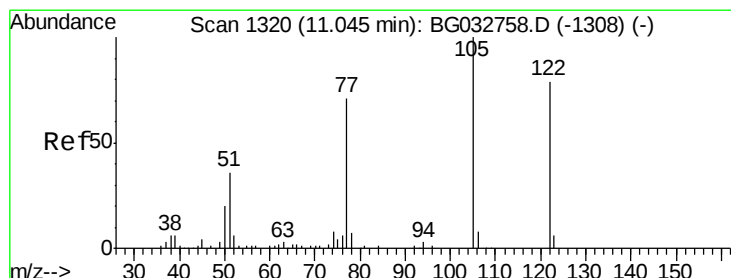
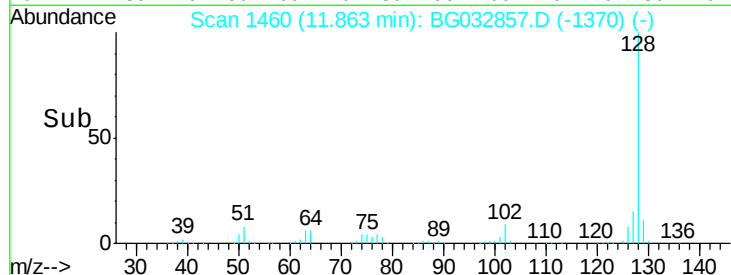
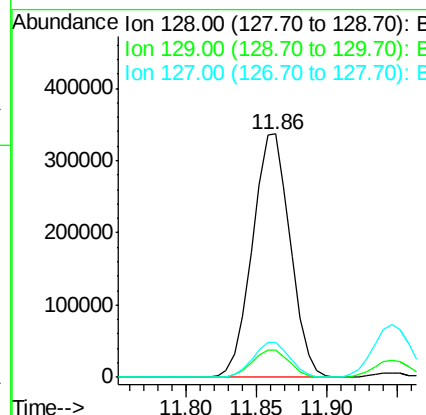
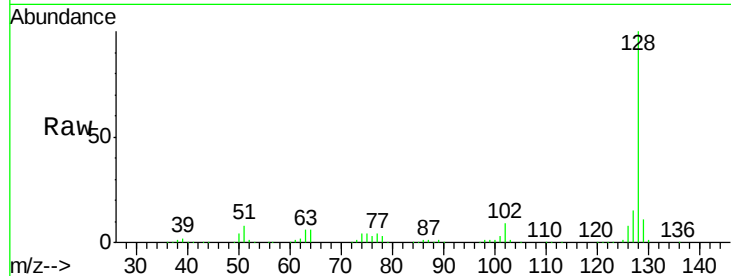




#31
Naphthalene
Concen: 39.91 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

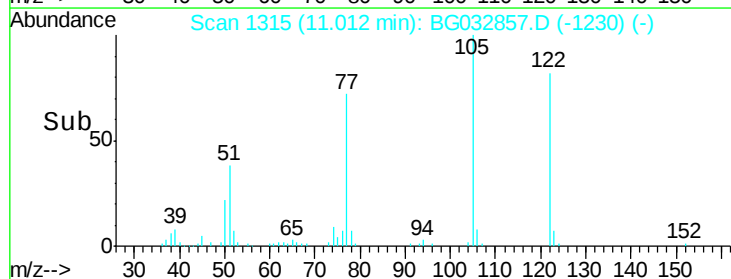
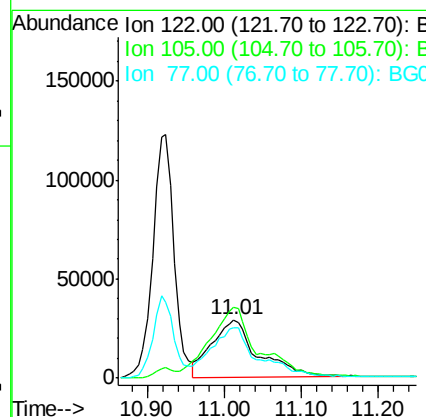
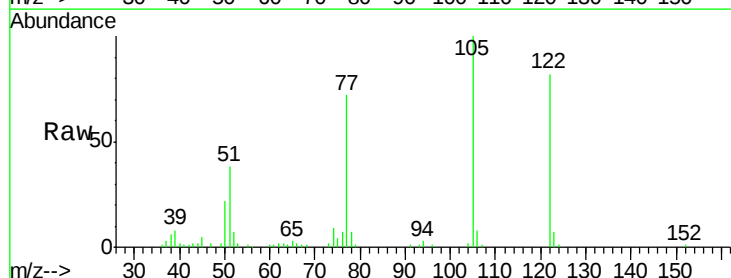
Instrument :
BNA_G
ClientSampleId :

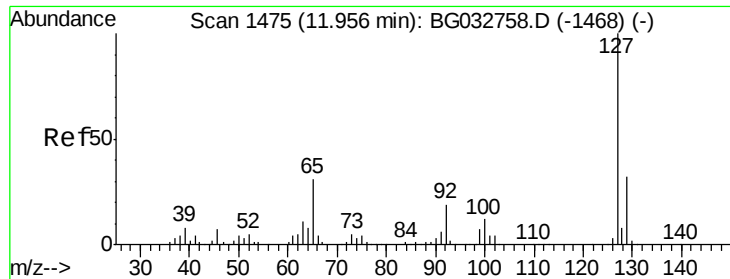
Tot Ion:128 Resp: 633776
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.5 11.6 17.4



#32
Benzoic acid
Concen: 43.44 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:122 Resp: 119827
Ion Ratio Lower Upper
122 100
105 121.6 123.5 163.5#
77 87.8 85.7 125.7

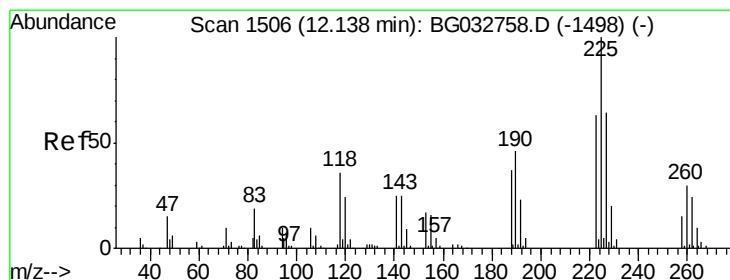
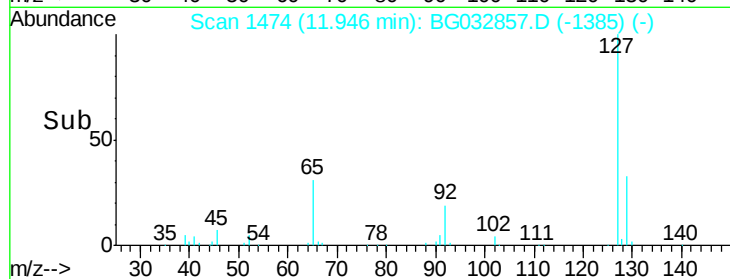
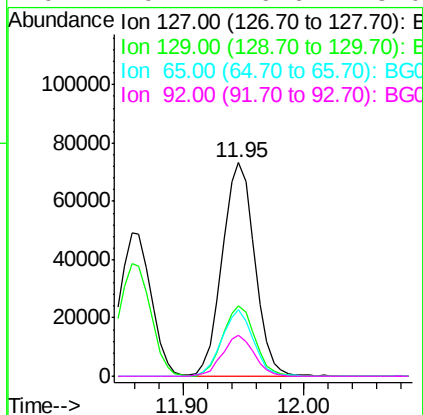
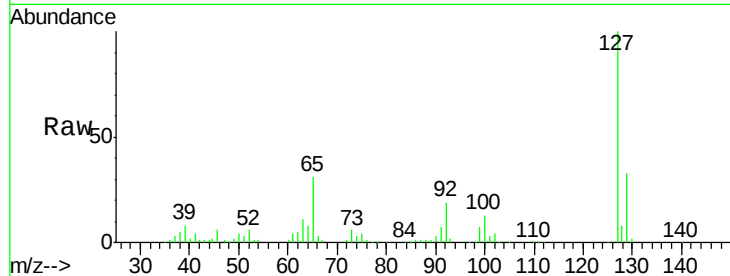




#33
4-Chloroaniline
Concen: 19.11 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

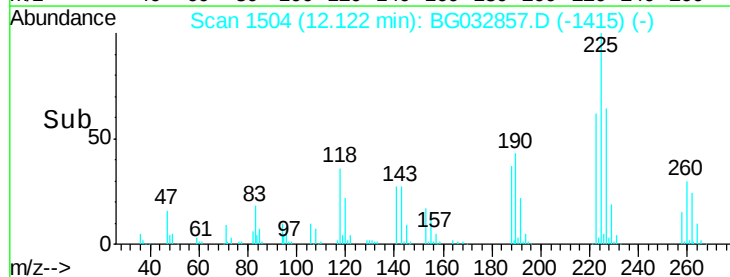
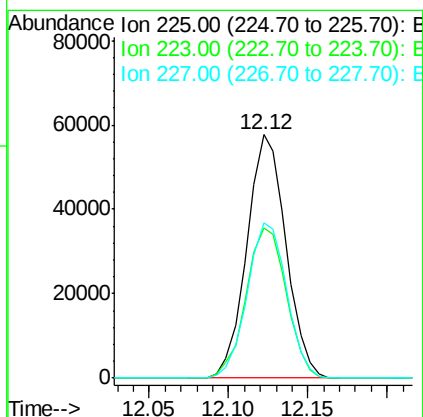
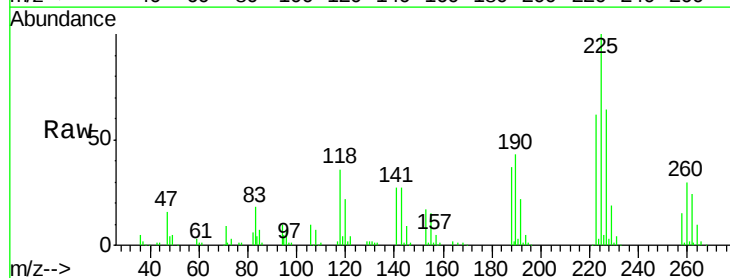
Instrument :
BNA_G
ClientSampled :

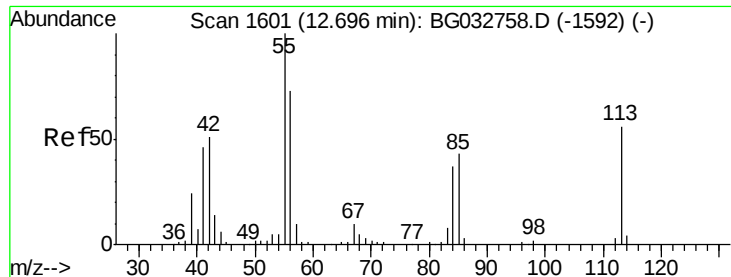
Tot Ion:127	Resp:	135707
Ion Ratio	Lower	Upper
127	100	
129	33.2	24.0 36.0
65	31.4	27.0 40.4
92	19.4	16.6 25.0



#34
Hexachlorobutadiene
Concen: 35.65 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:225	Resp:	98570
Ion Ratio	Lower	Upper
225	100	
223	61.9	49.7 74.5
227	63.9	48.1 72.1





#35

Caprolactam

Concen: 52.24 ng

RT: 12.70 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampled :

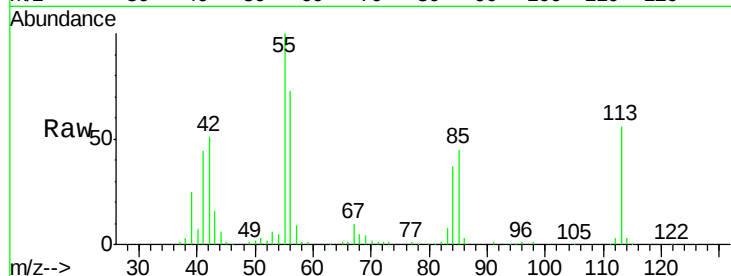
Tot Ion:113 Resp: 87975

Ion Ratio Lower Upper

113 100

55 178.3 186.9 226.9#

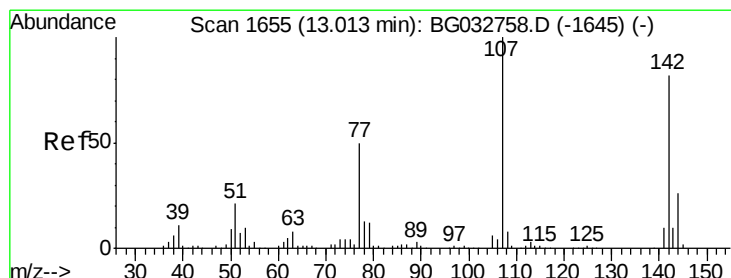
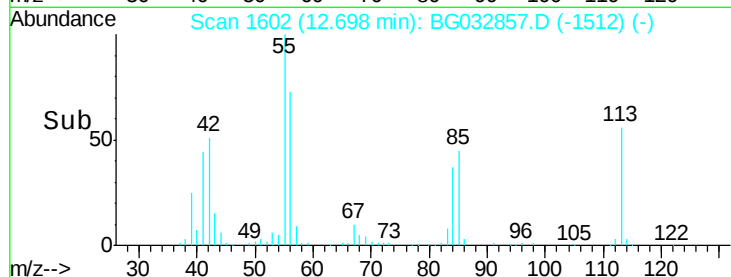
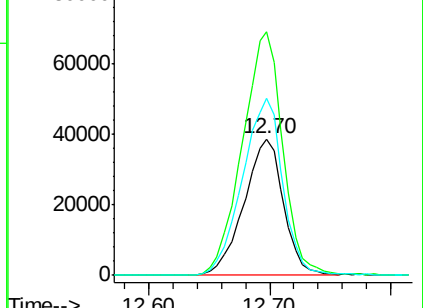
56 129.6 130.9 170.9#



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: 50.94 ng

RT: 13.00 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

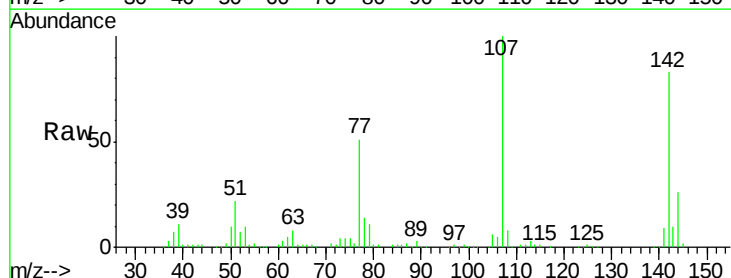
Tgt Ion:107 Resp: 249322

Ion Ratio Lower Upper

107 100

144 26.3 18.2 27.4

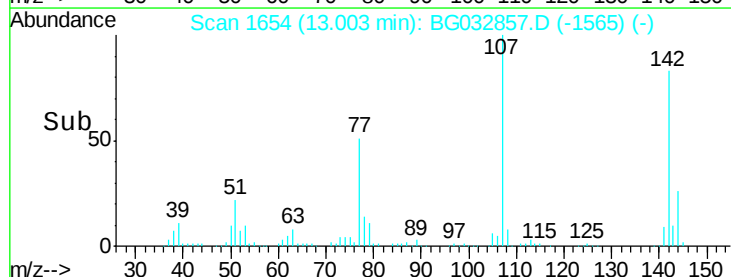
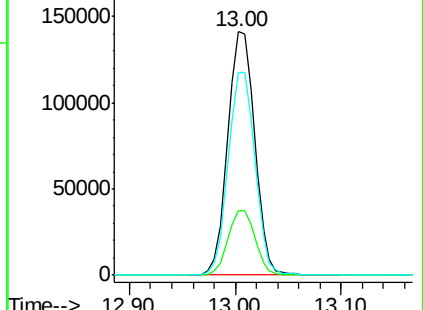
142 83.0 59.0 88.4

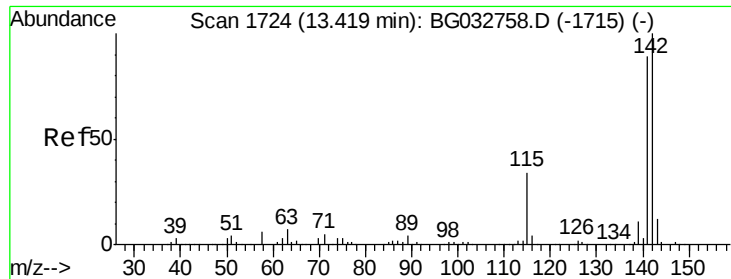


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

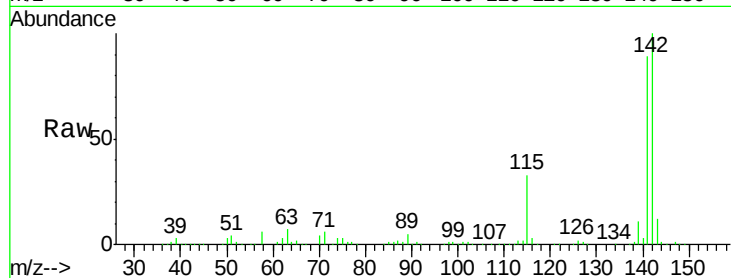




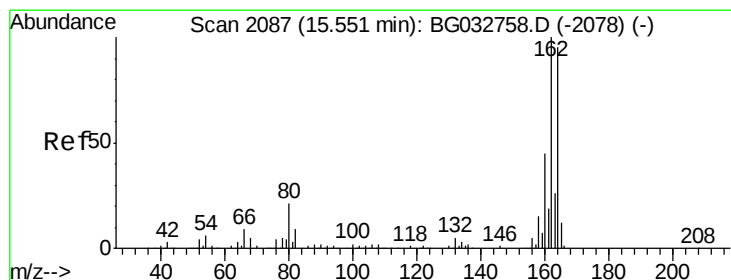
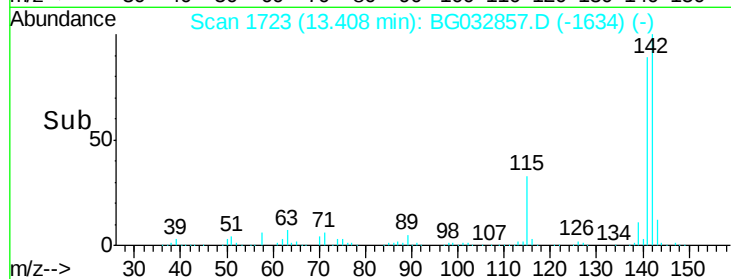
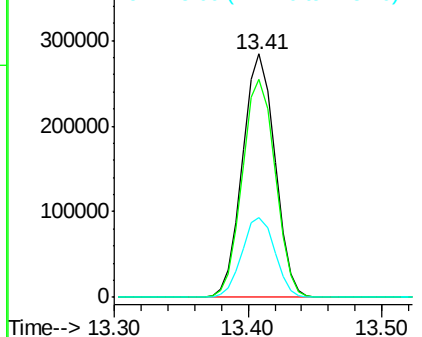
#37
2-Methylnaphthalene
Concen: 41.59 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 477787
Ion Ratio Lower Upper
142 100
141 89.3 67.1 100.7
115 33.0 30.7 46.1

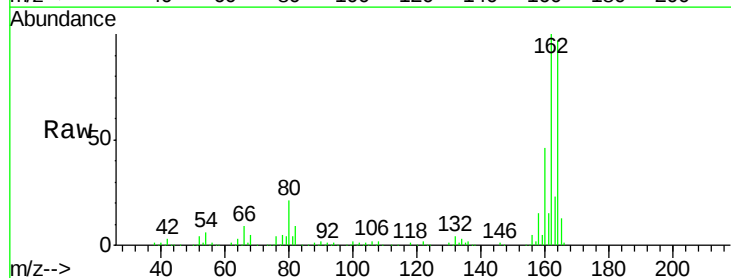


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

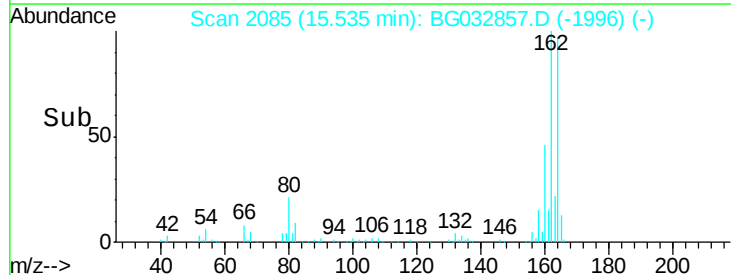
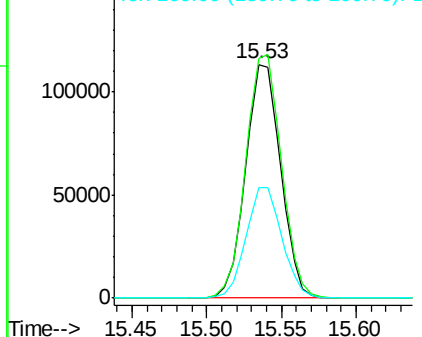


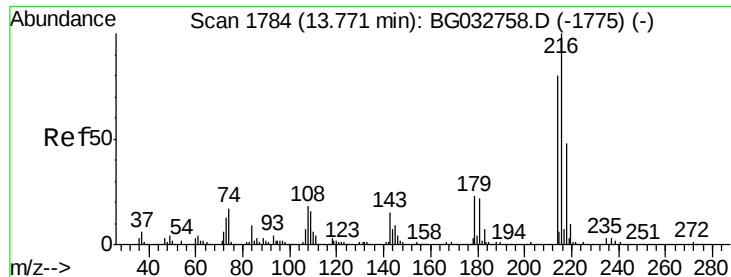
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.53 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:164 Resp: 183224
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 47.1 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.95 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 200960

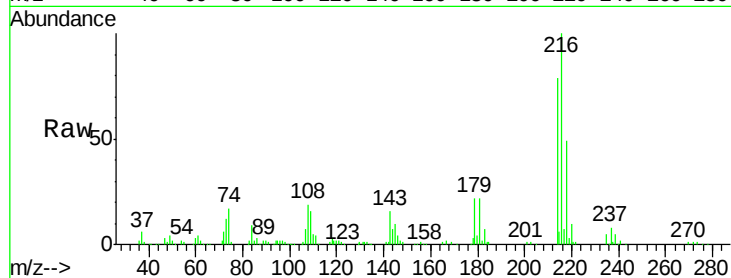
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 23.0 17.0 25.6

108 23.5 12.8 19.2#

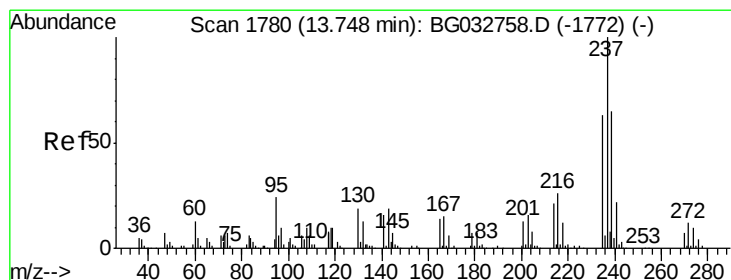
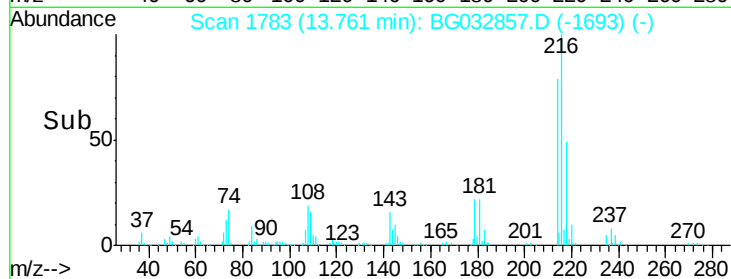
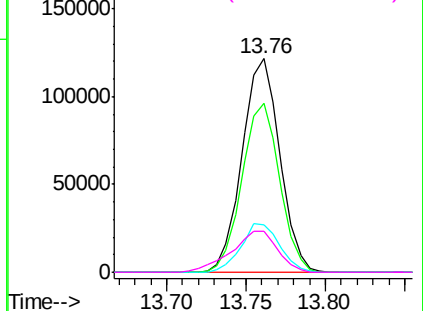


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.37 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

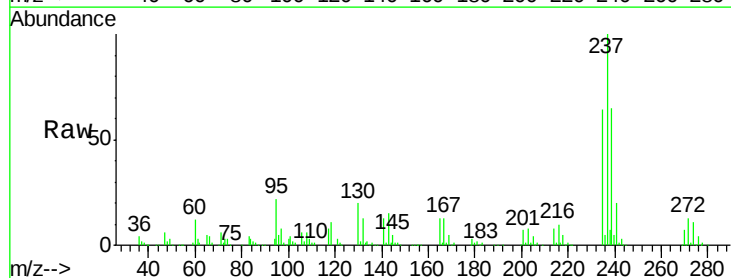
Tgt Ion:237 Resp: 244968

Ion Ratio Lower Upper

237 100

235 63.5 50.4 90.4

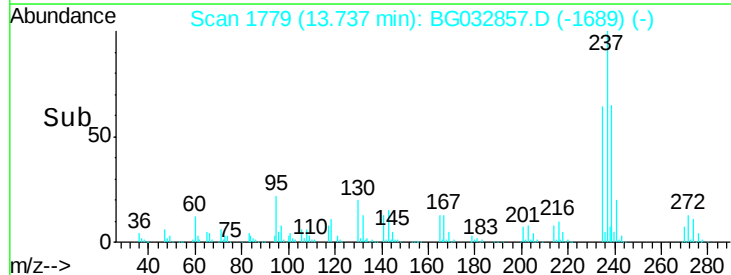
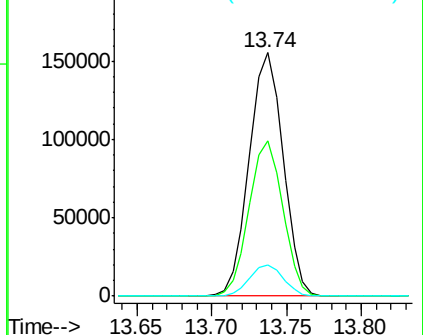
272 12.6 0.0 31.8

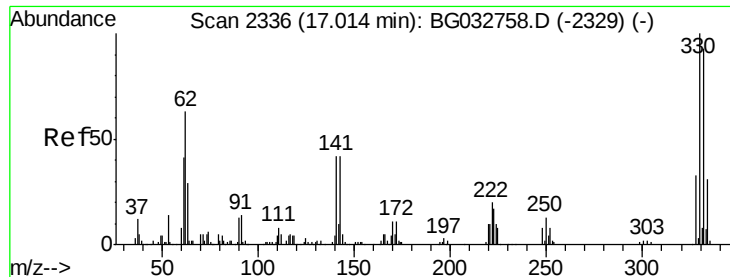


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 98.70 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

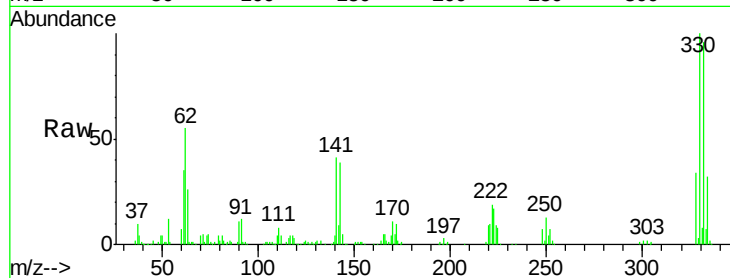
Tot Ion:330 Resp: 190145

Ion Ratio Lower Upper

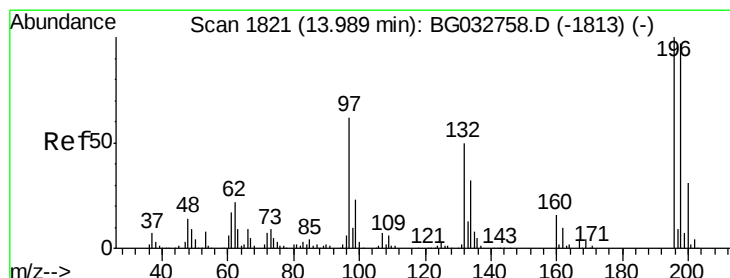
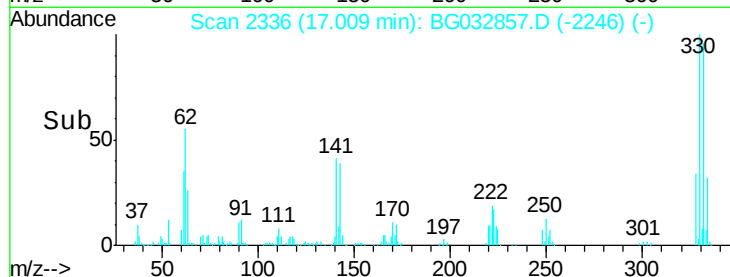
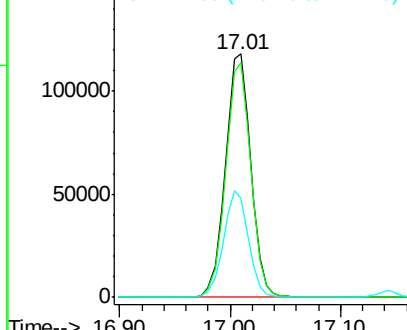
330 100

332 95.5 77.0 115.6

141 43.0 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



#42

2,4,6-Trichlorophenol

Concen: 47.27 ng

RT: 13.98 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

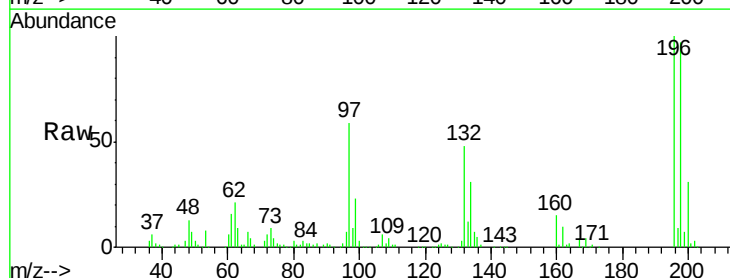
Tgt Ion:196 Resp: 162146

Ion Ratio Lower Upper

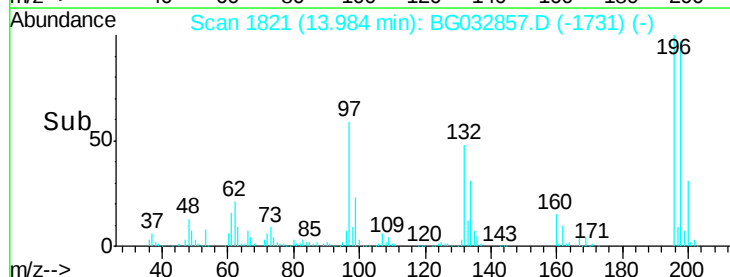
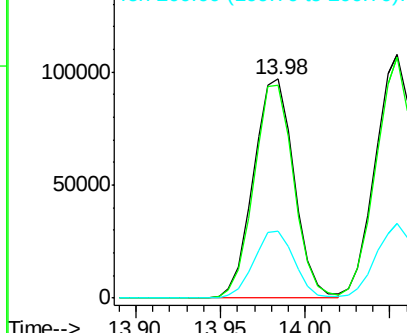
196 100

198 97.0 78.2 117.2

200 30.7 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

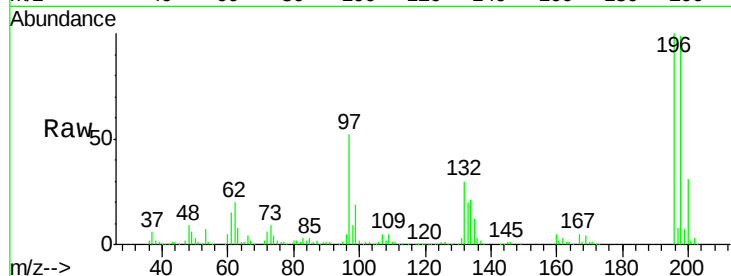




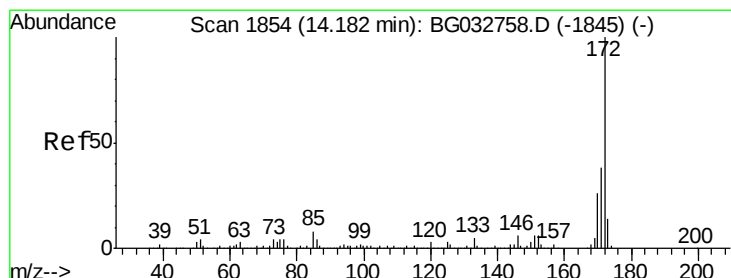
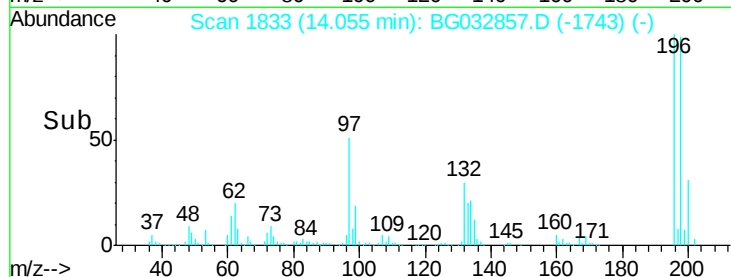
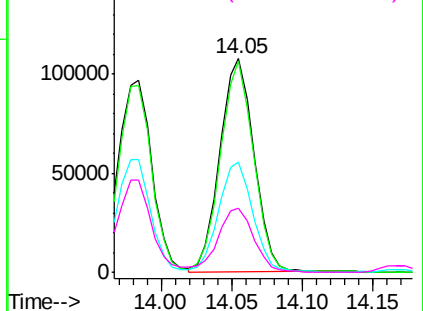
#43
 2,4,5-Trichlorophenol
 Concen: 45.46 ng
 RT: 14.05 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 180480
 Ion Ratio Lower Upper
 196 100
 198 98.8 76.2 114.4
 97 51.6 38.7 58.1
 132 29.8 20.2 30.2

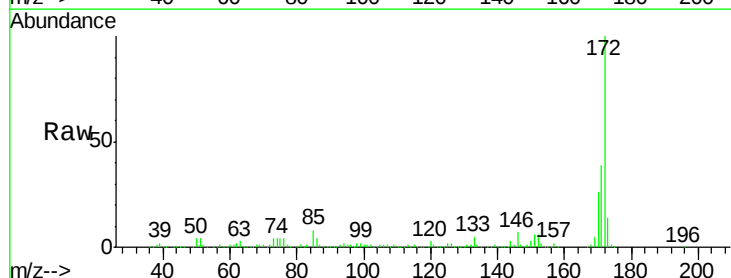


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

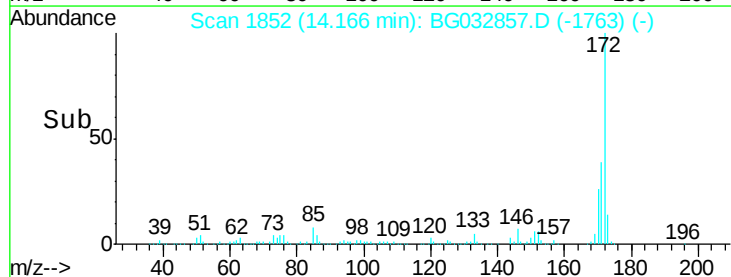
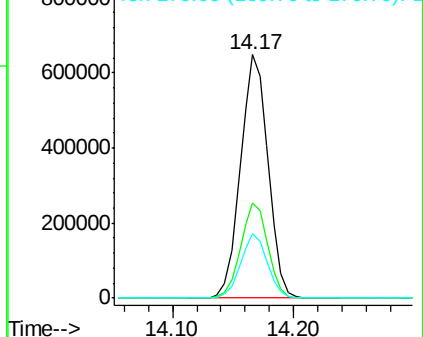


#44
 2-Fluorobiphenyl
 Concen: 80.80 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:172 Resp: 1026436
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.0 45.0
 170 26.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

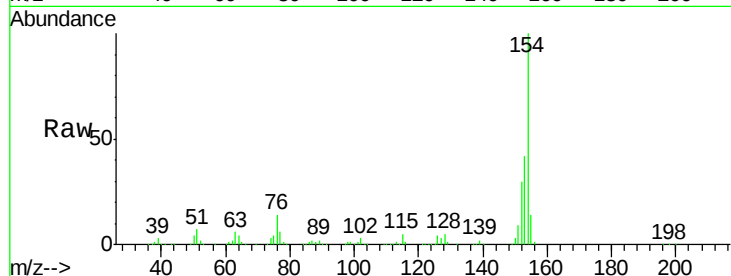




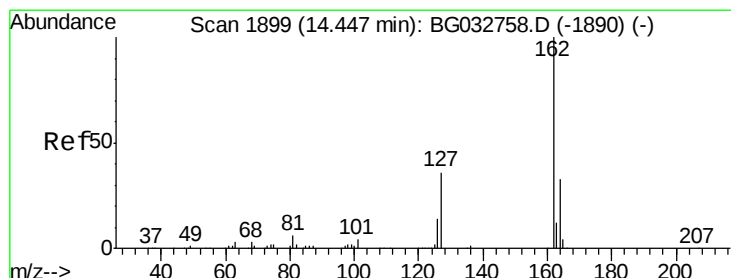
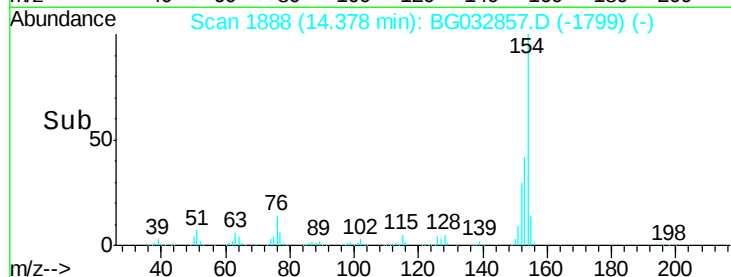
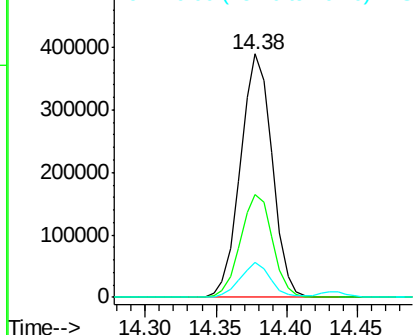
#45
1,1'-Biphenyl
Concen: 38.20 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	14.4	0.0	31.9

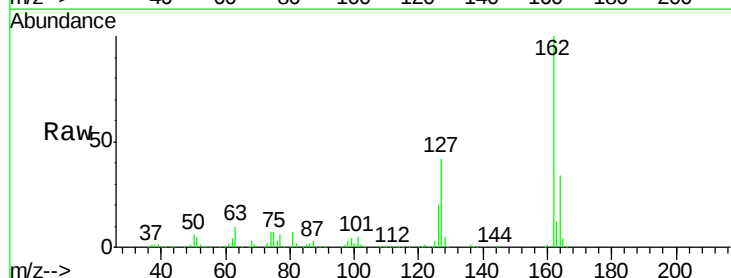


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

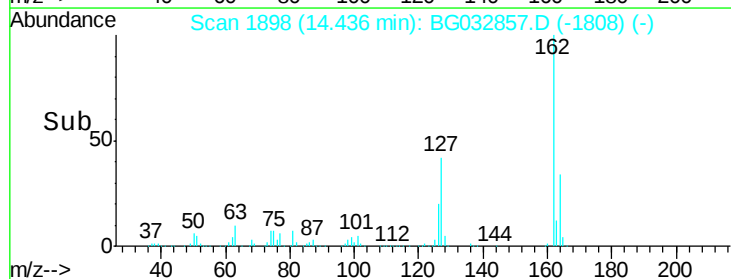
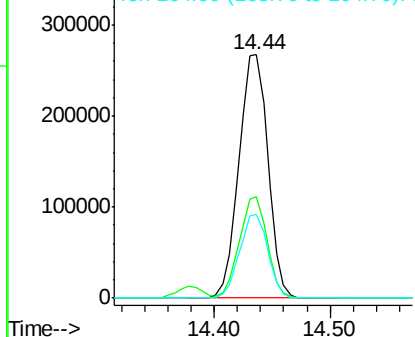


#46
2-Chloronaphthalene
Concen: 39.02 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.7	46.1
164	34.4	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

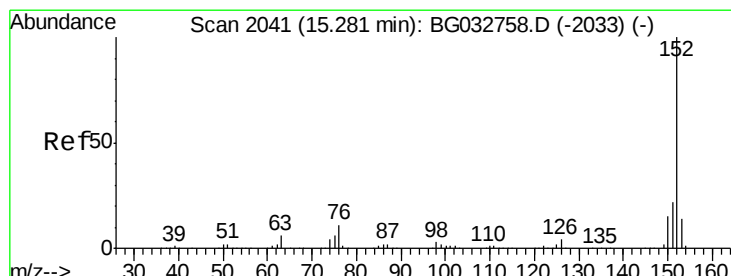
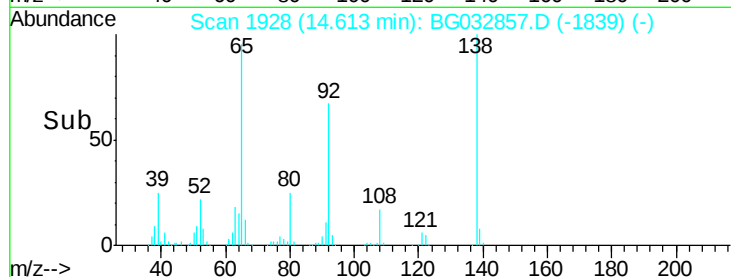
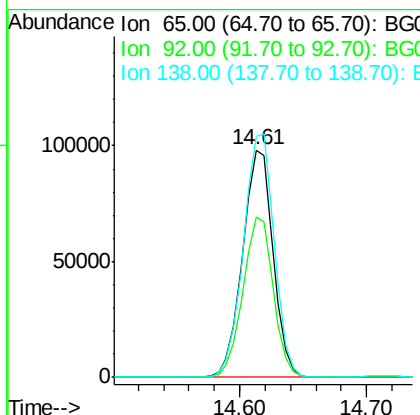
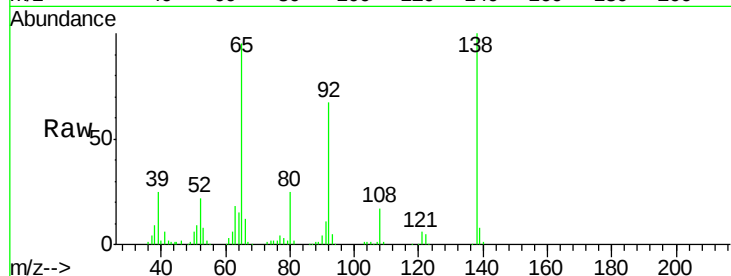




#47
2-Nitroaniline
Concen: 53.18 ng
RT: 14.61 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

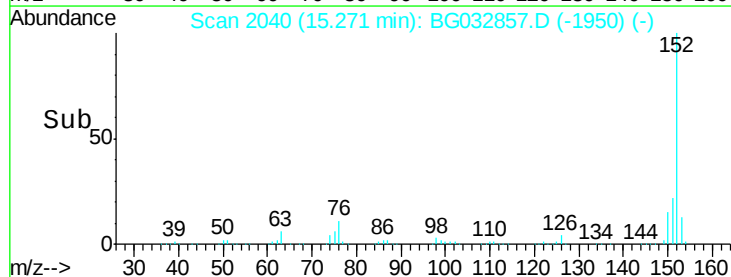
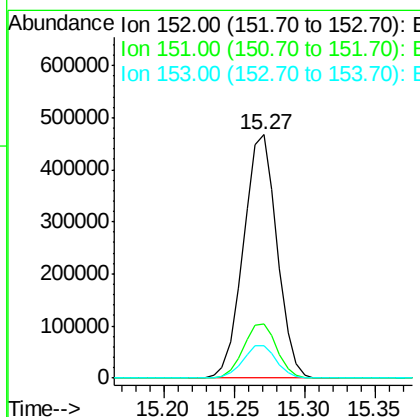
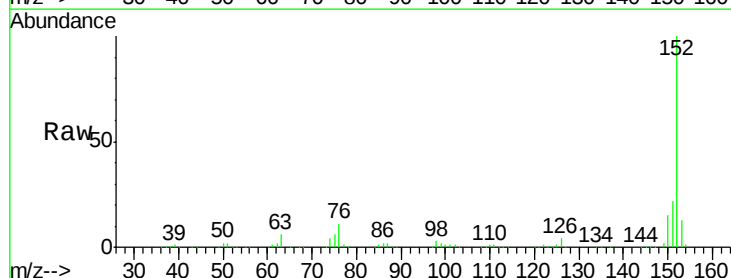
Instrument :
BNA_G
ClientSampled :

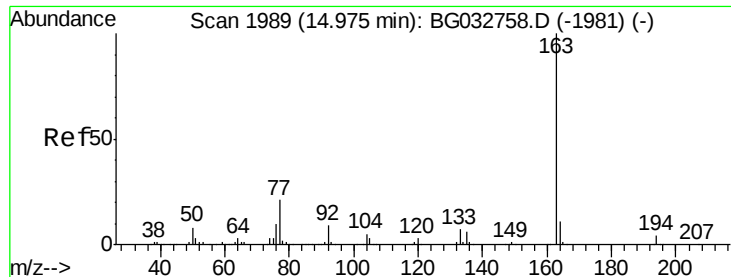
Tot Ion: 65 Resp: 164441
Ion Ratio Lower Upper
65 100
92 70.3 54.6 82.0
138 105.7 72.9 109.3



#48
Acenaphthylene
Concen: 39.54 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion: 152 Resp: 774253
Ion Ratio Lower Upper
152 100
151 22.1 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 40.57 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampled :

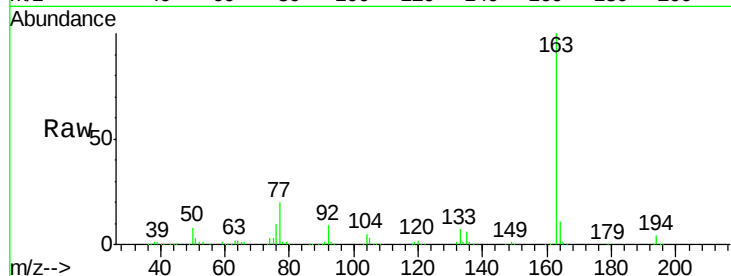
Tot Ion:163 Resp: 631131

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

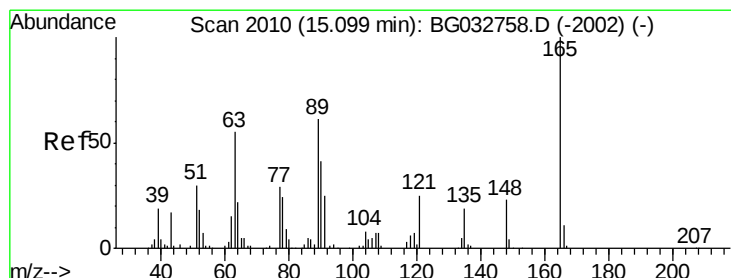
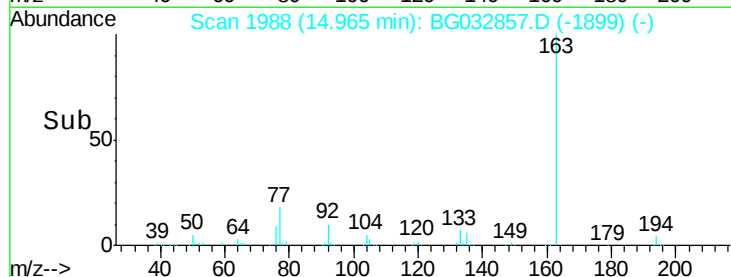
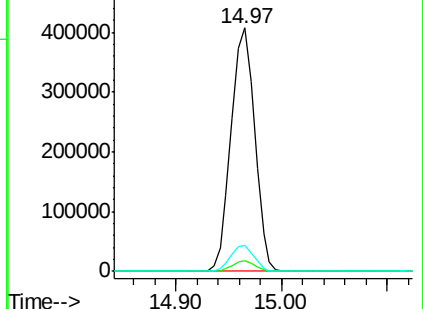
164 10.6 8.2 12.4



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: 53.07 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

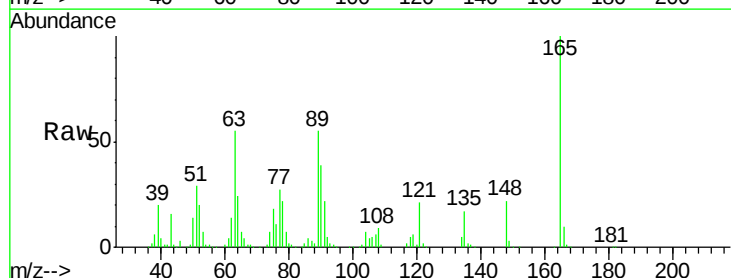
Tgt Ion:165 Resp: 139630

Ion Ratio Lower Upper

165 100

63 54.8 52.7 79.1

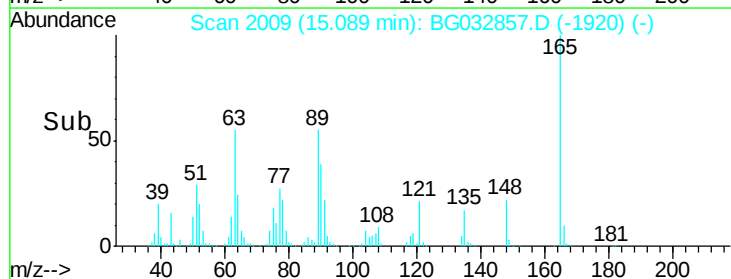
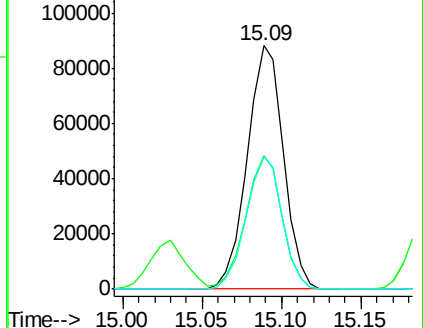
89 54.6 49.2 73.8

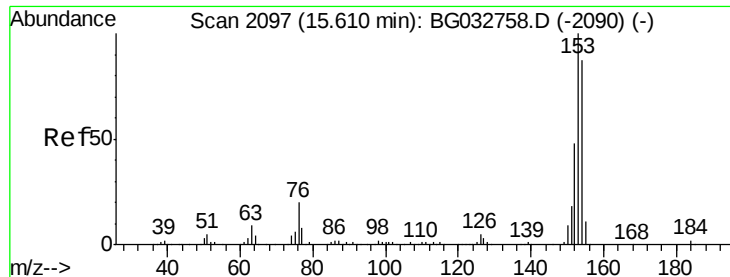


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.65 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

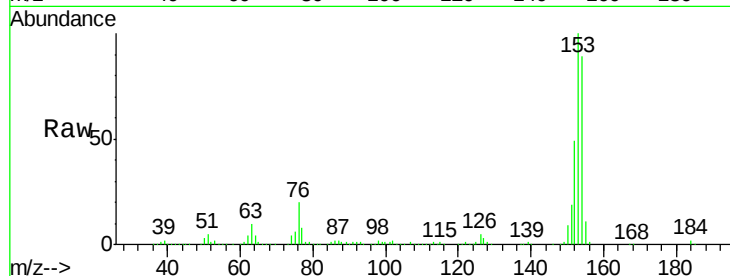
Tot Ion:154 Resp: 495737

Ion Ratio Lower Upper

154 100

153 112.6 90.4 135.6

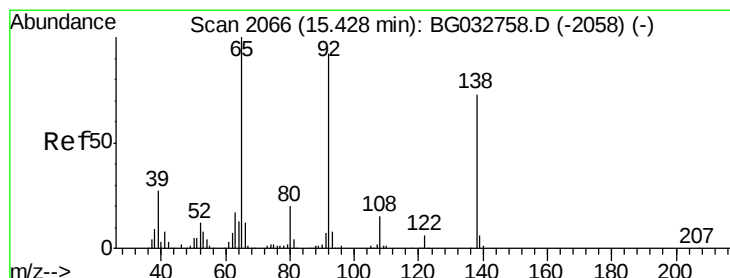
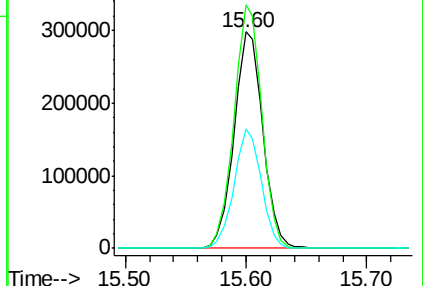
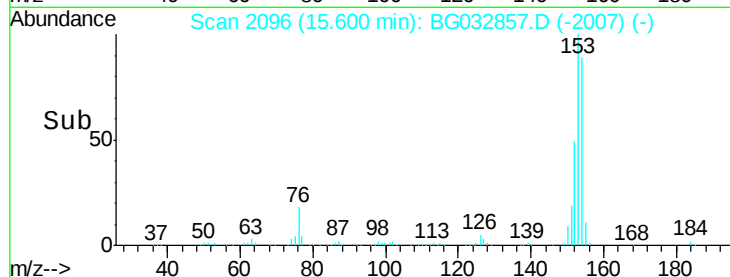
152 55.0 41.6 62.4



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



#52

3-Nitroaniline

Concen: 33.16 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

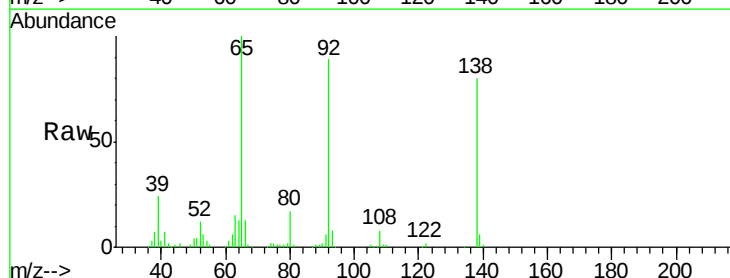
Tgt Ion:138 Resp: 96802

Ion Ratio Lower Upper

138 100

108 9.8 17.5 26.3#

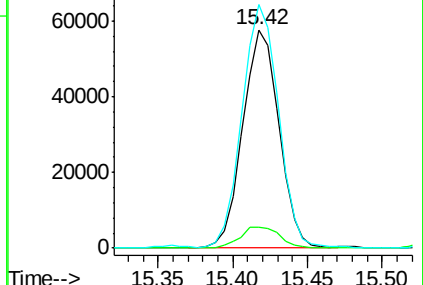
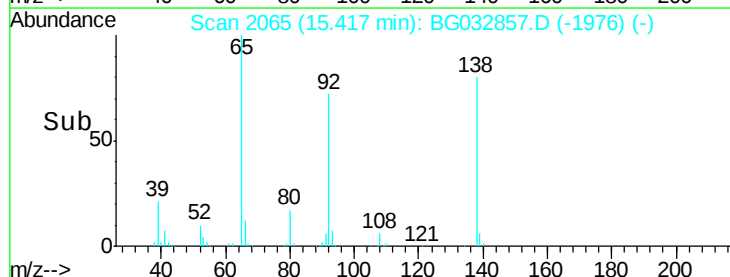
92 111.4 105.8 158.8

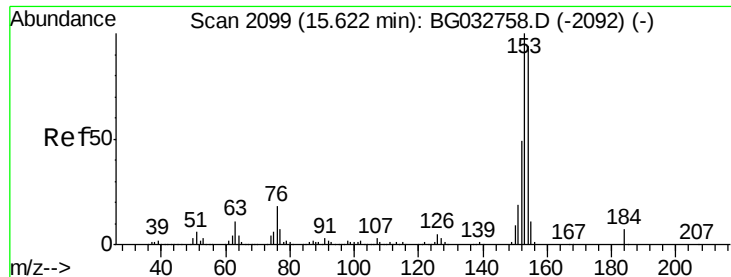


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

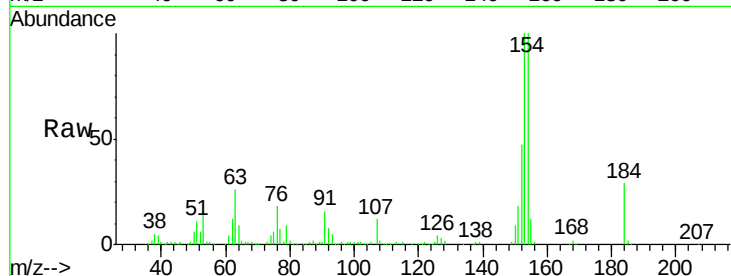




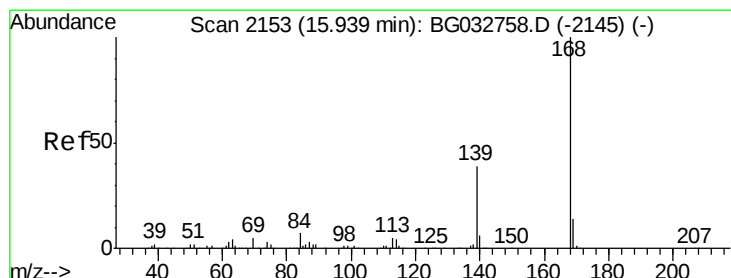
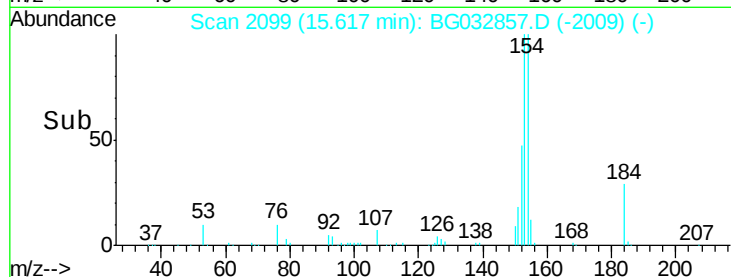
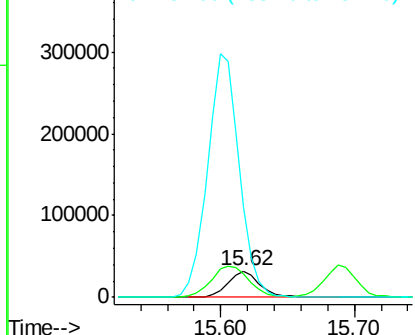
#53
2,4-Dinitrophenol
Concen: 69.42 ng
RT: 15.62 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 53498
Ion Ratio Lower Upper
184 100
63 89.0 59.8 89.8
154 341.7 101.8 152.8#

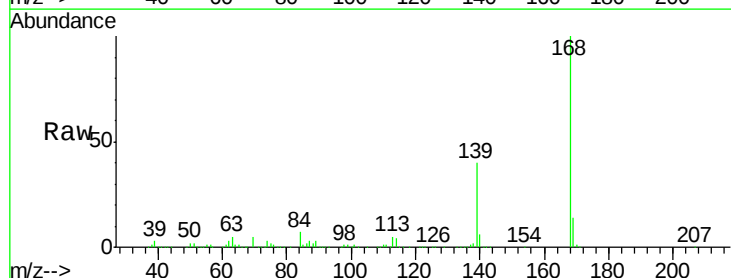


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

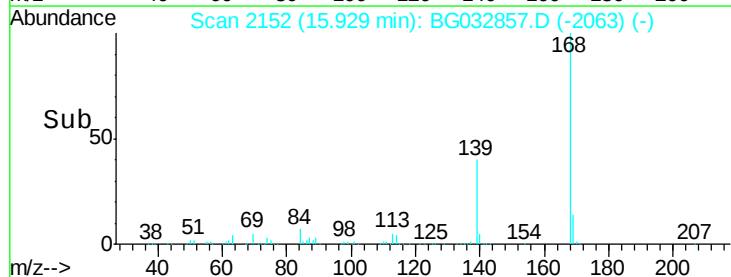
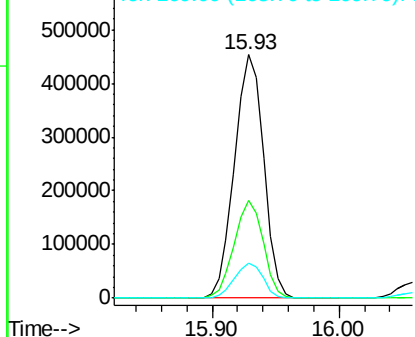


#54
Dibenzofuran
Concen: 41.64 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:168 Resp: 723061
Ion Ratio Lower Upper
168 100
139 40.0 28.6 43.0
169 14.1 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

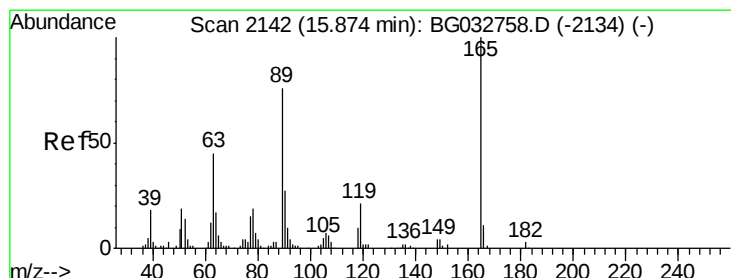
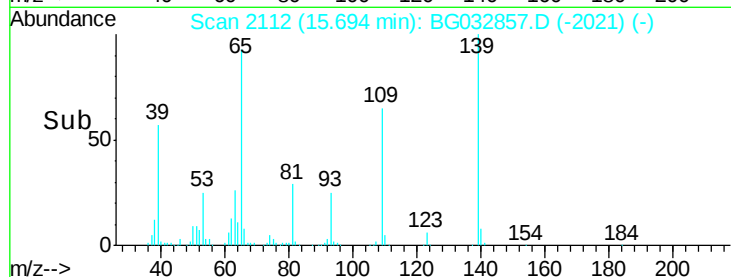
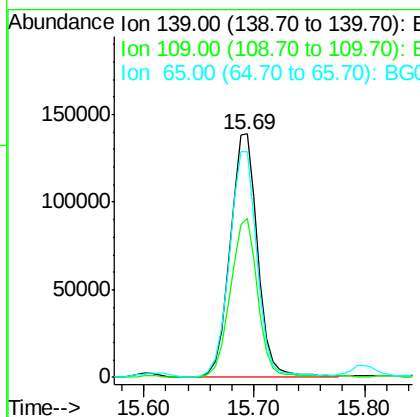
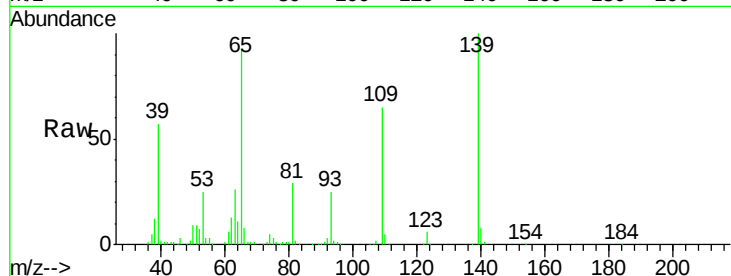




#55
4-Nitrophenol
Concen: 94.17 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

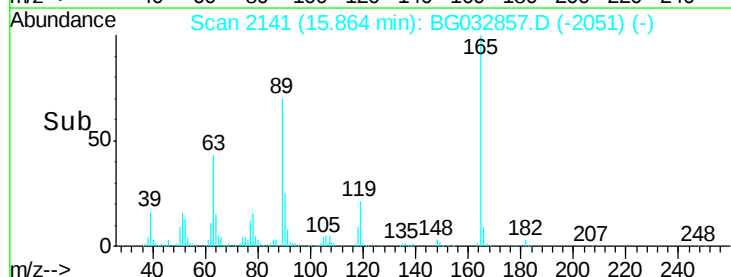
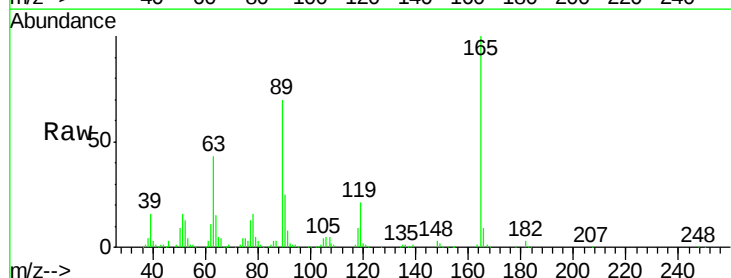
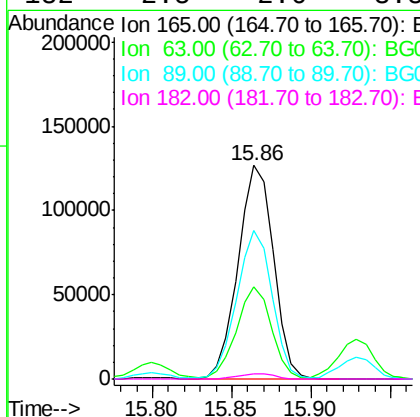
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.3	62.2	102.2
65	92.7	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 60.78 ng
RT: 15.86 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.3	42.0	63.0
89	69.7	66.9	100.3
182	2.5	2.6	3.8#

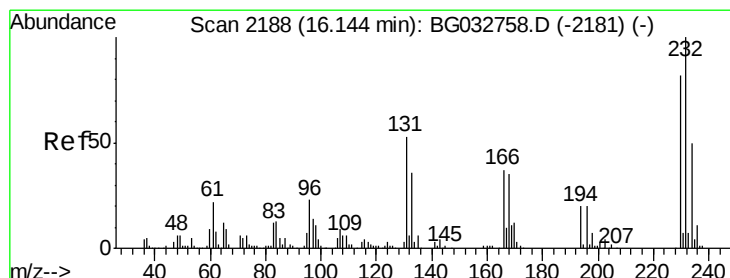
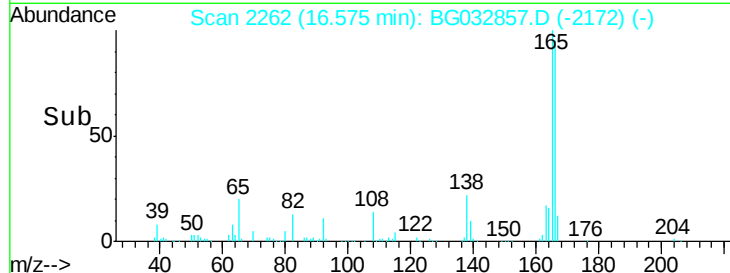
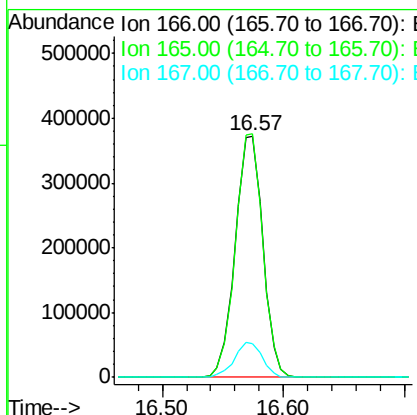
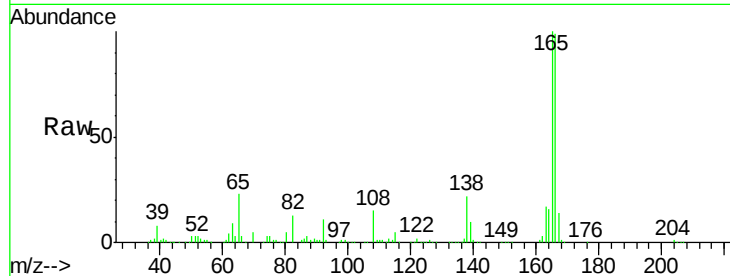




#57
 Fluorene
 Concen: 41.55 ng
 RT: 16.57 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

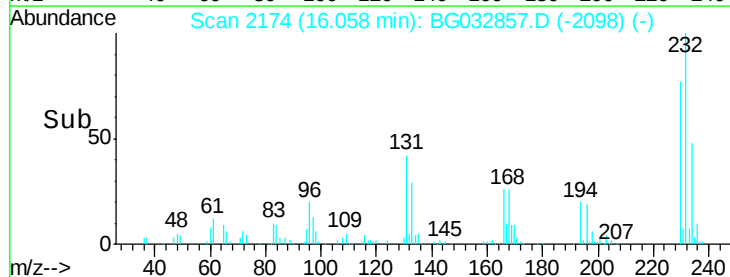
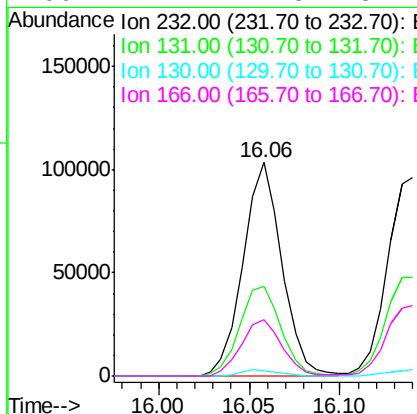
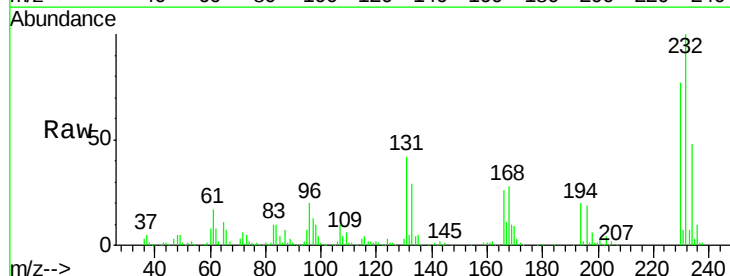
Instrument :
 BNA_G
 ClientSampleId :

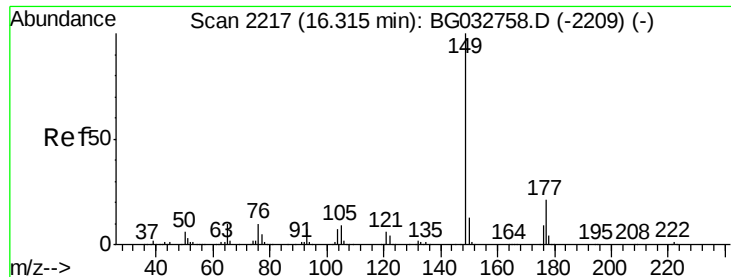
Tot Ion:166 Resp: 595432
 Ion Ratio Lower Upper
 166 100
 165 100.8 80.6 121.0
 167 14.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.91 ng
 RT: 16.06 min Scan# 2174
 Delta R.T. -0.08 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:232 Resp: 153820
 Ion Ratio Lower Upper
 232 100
 131 45.0 33.5 50.3
 130 2.8 2.2 3.2
 166 27.7 24.8 37.2

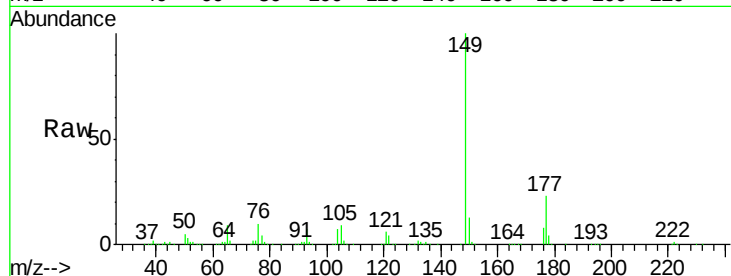




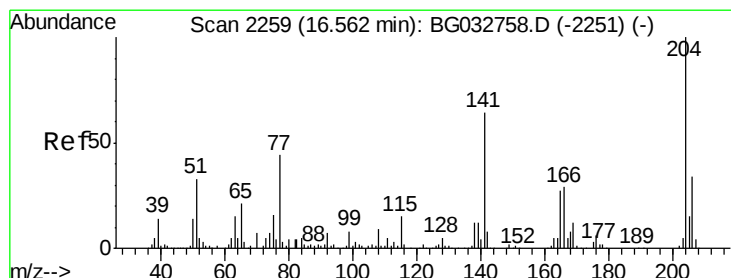
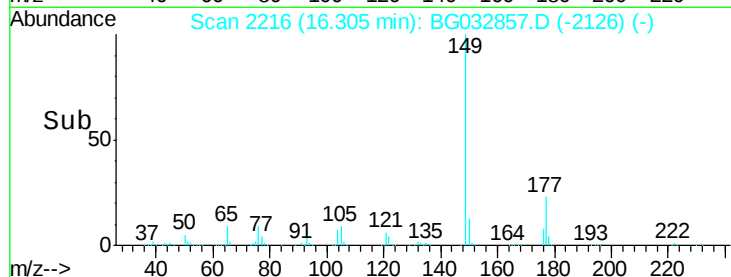
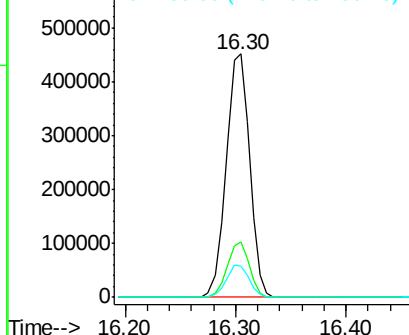
#59
Diethylphthalate
Concen: 40.98 ng
RT: 16.30 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 672369
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 13.1 10.2 15.2

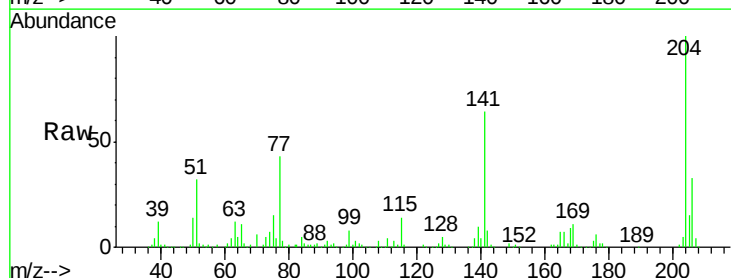


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

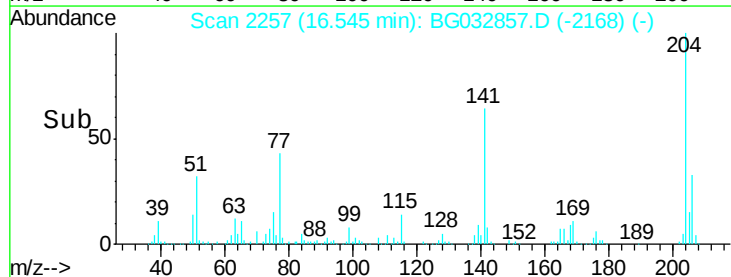
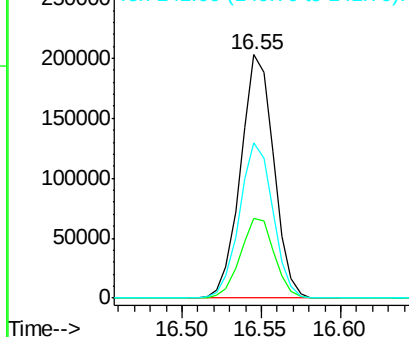


#60
4-Chlorophenyl-phenylether
Concen: 41.87 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:204 Resp: 293518
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 63.7 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

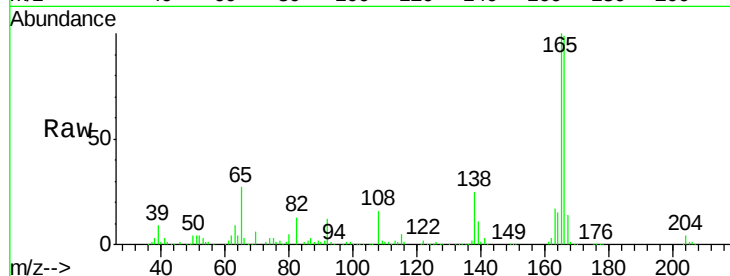




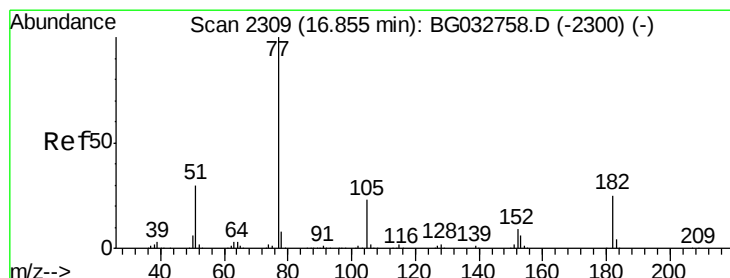
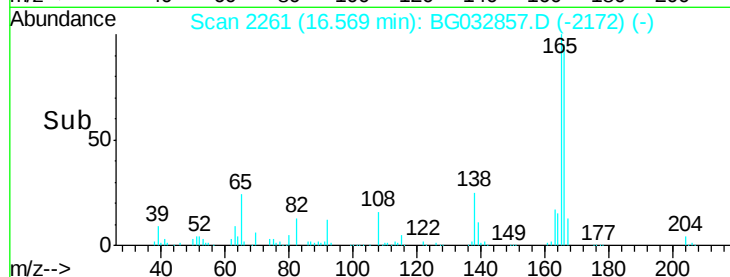
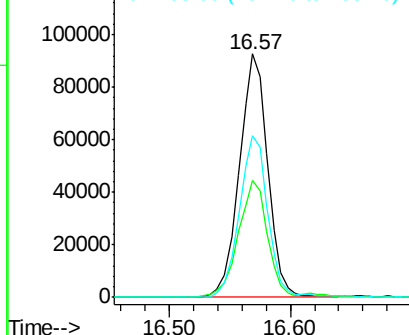
#61
4-Nitroaniline
Concen: 45.49 ng
RT: 16.57 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 152172
Ion Ratio Lower Upper
138 100
92 47.8 40.1 80.1
108 66.4 65.4 105.4

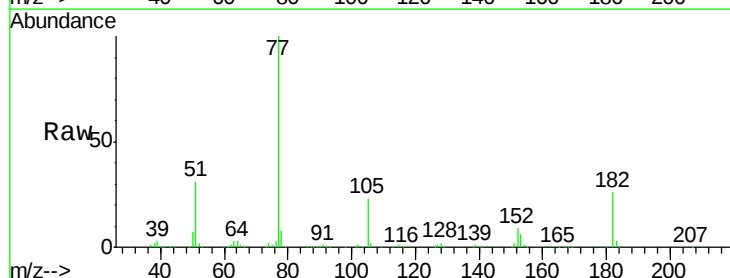


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

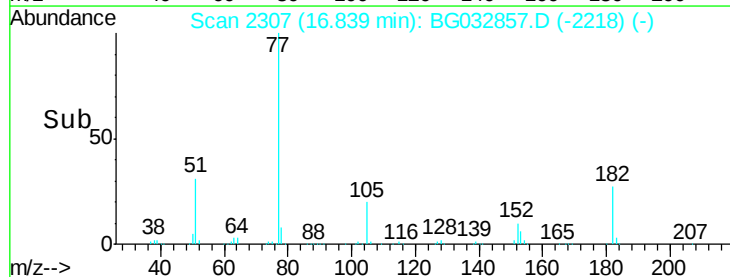
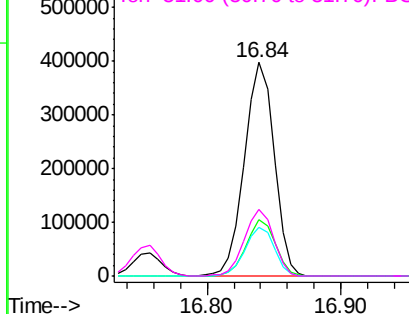


#62
Azobenzene
Concen: 41.61 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion: 77 Resp: 610882
Ion Ratio Lower Upper
77 100
182 26.2 7.4 47.4
105 22.8 0.3 40.3
51 31.2 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

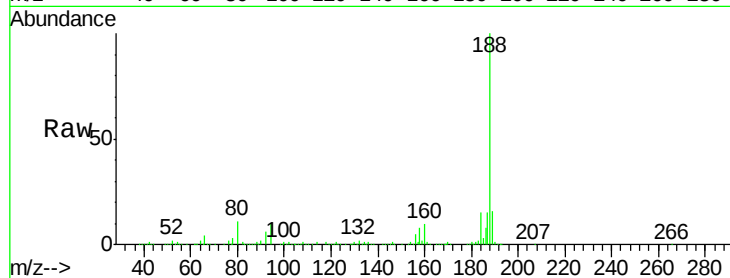




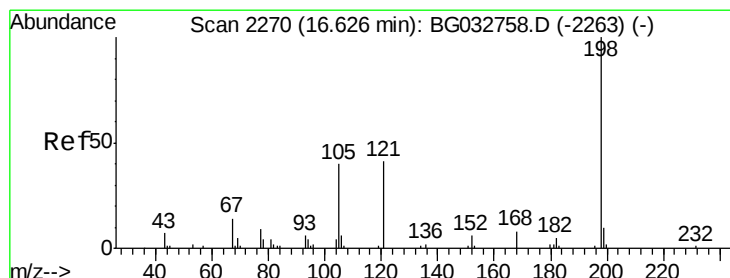
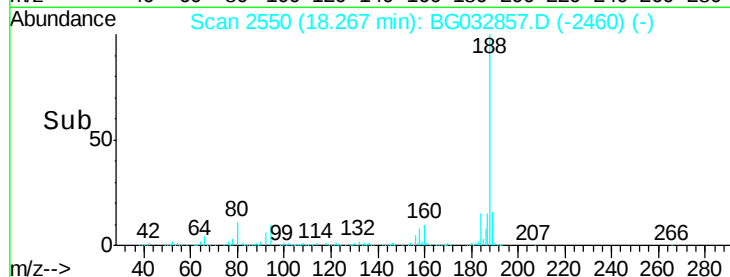
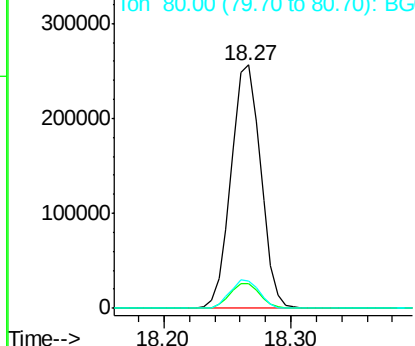
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 413647
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.5 7.7 11.5

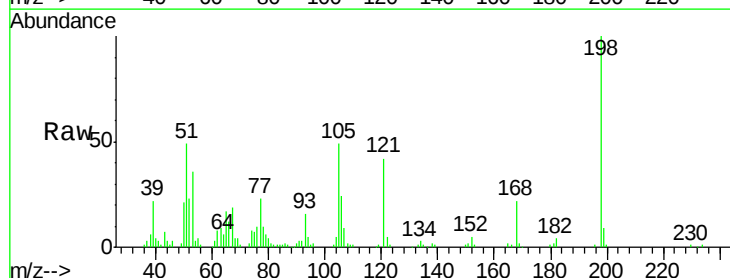


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

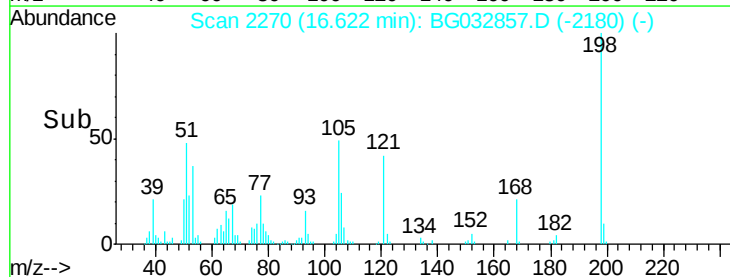
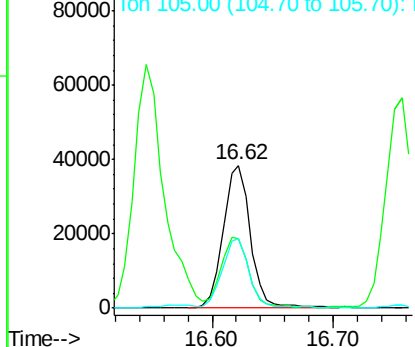


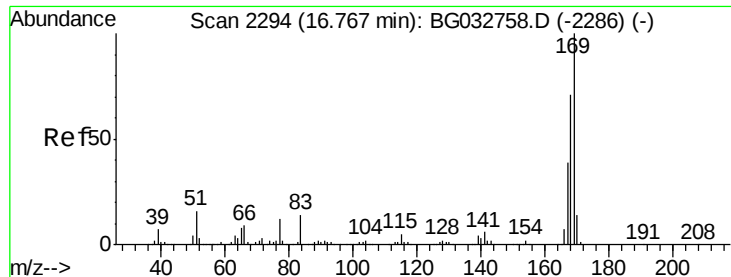
#64
4,6-Dinitro-2-methylphenol
Concen: 49.29 ng
RT: 16.62 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:198 Resp: 59958
Ion Ratio Lower Upper
198 100
51 48.5 30.6 70.6
105 48.9 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: 41.45 ng

RT: 16.76 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

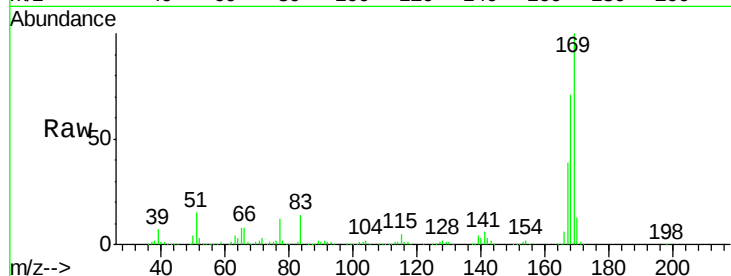
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 557777

Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	39.2	30.1	45.1

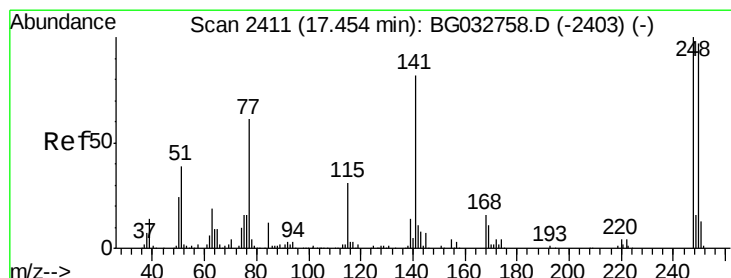
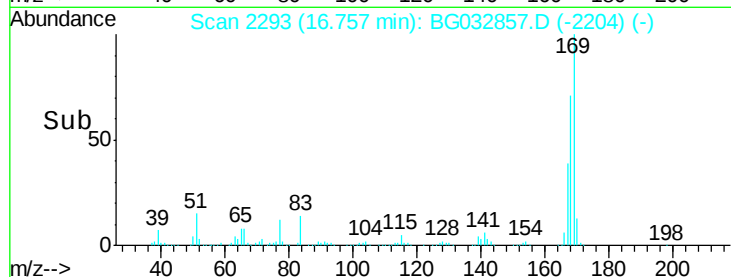
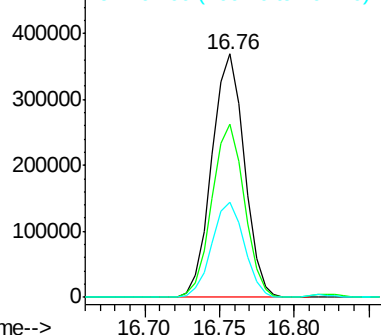


Abundance

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: 40.68 ng

RT: 17.44 min Scan# 2409

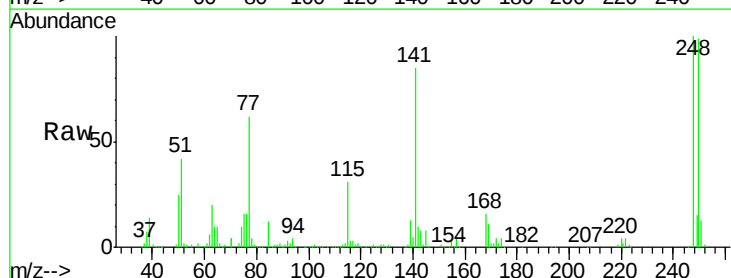
Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Tgt Ion:248 Resp: 177935

Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.1	115.7
141	84.5	50.8	76.2

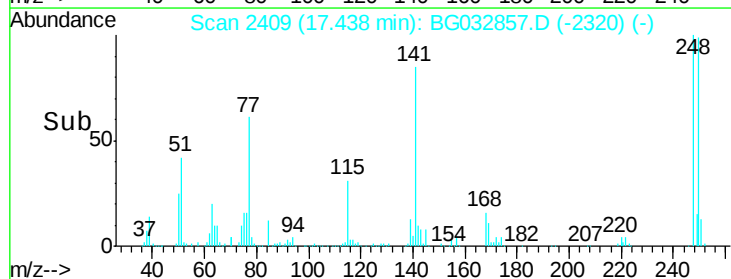
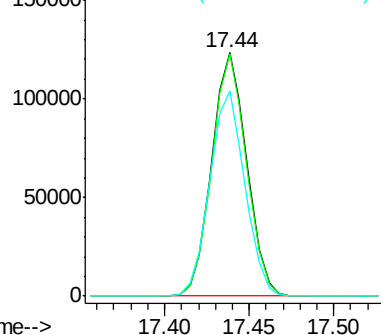


Abundance

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





#67

Hexachlorobenzene

Concen: 38.80 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampleId :

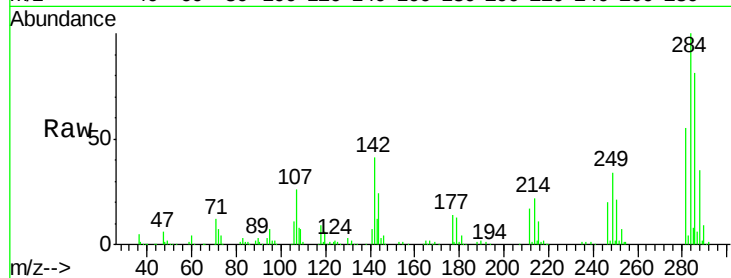
Tot Ion:284 Resp: 183396

Ion Ratio Lower Upper

284 100

142 41.2 26.8 40.2#

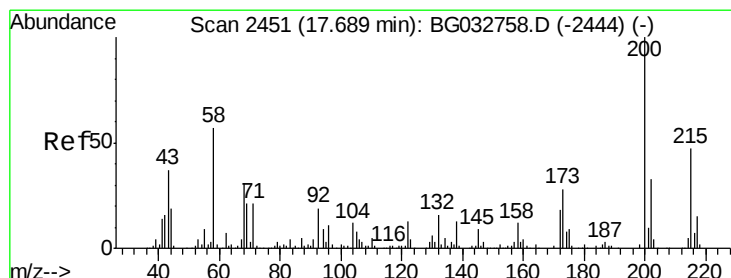
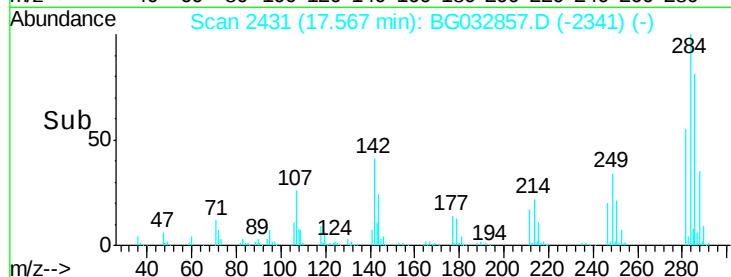
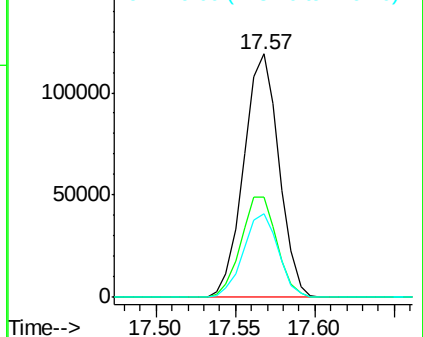
249 34.1 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.27 ng

RT: 17.68 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

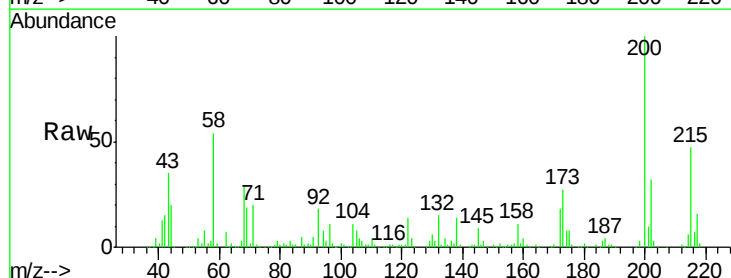
Tgt Ion:200 Resp: 191667

Ion Ratio Lower Upper

200 100

173 27.0 5.2 45.2

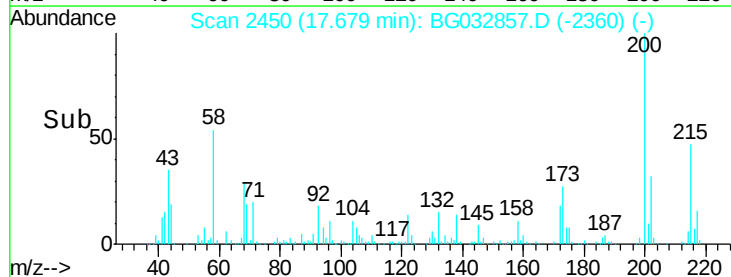
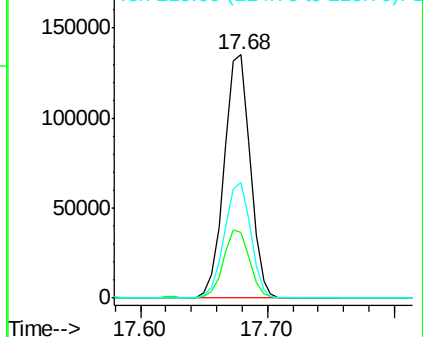
215 47.3 30.4 70.4

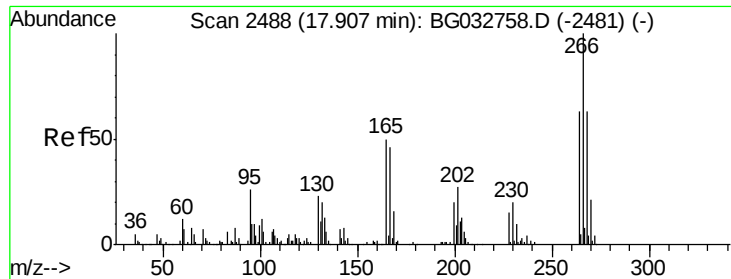


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

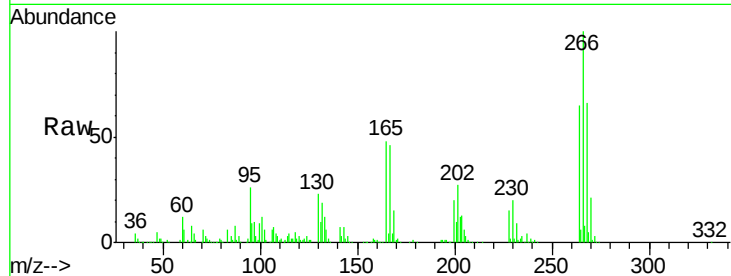




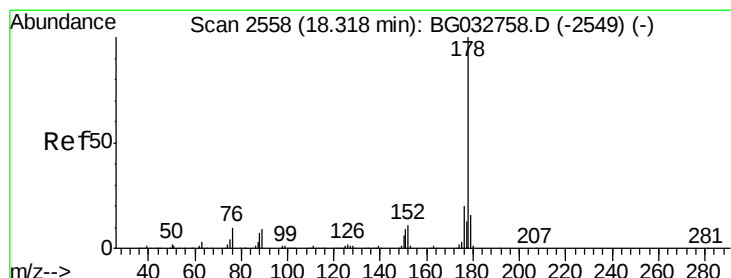
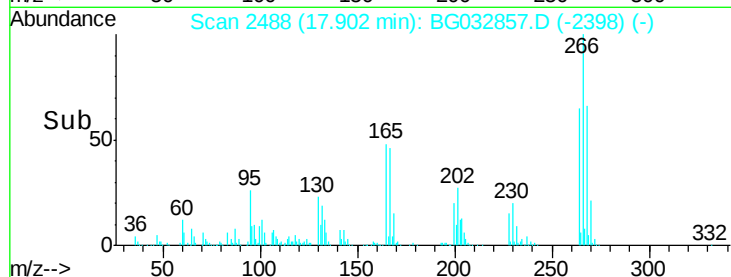
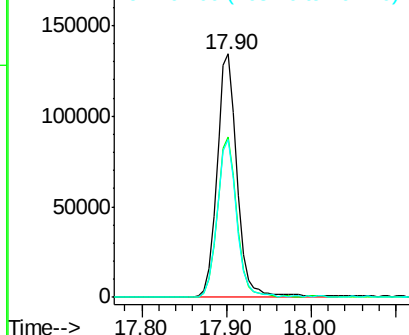
#69
 Pentachlorophenol
 Concen: 75.56 ng
 RT: 17.90 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 224971
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 64.8 49.6 74.4

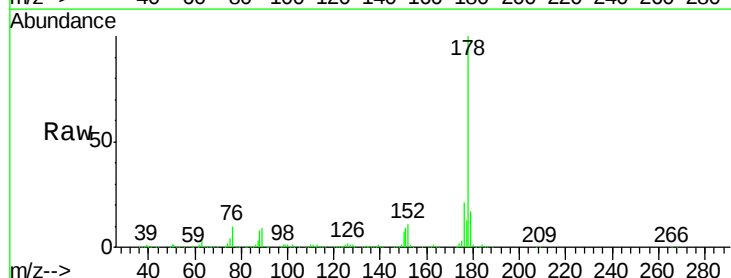


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

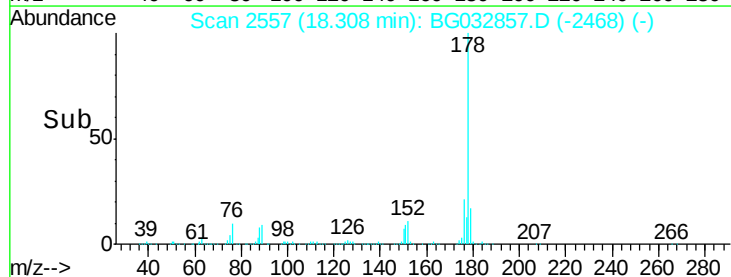
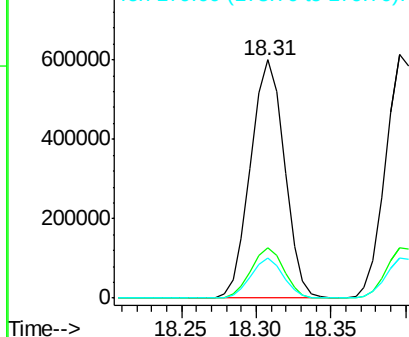


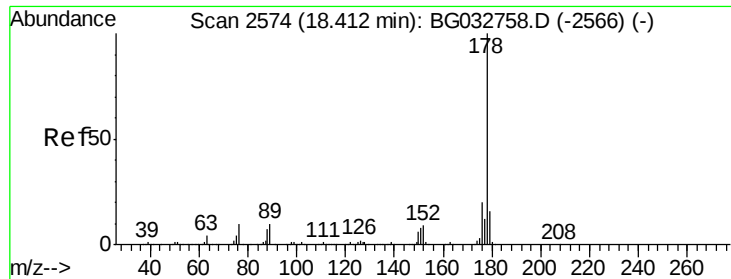
#70
 Phenanthrene
 Concen: 40.92 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:178 Resp: 944337
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.7 23.5
 179 16.7 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

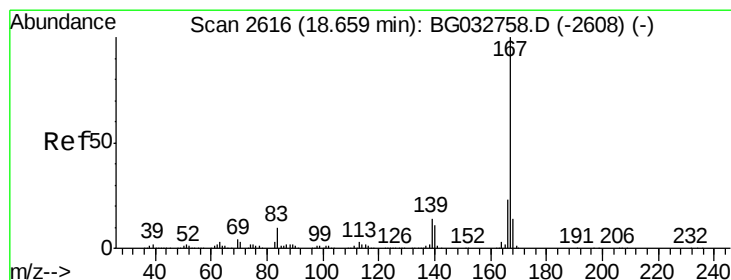
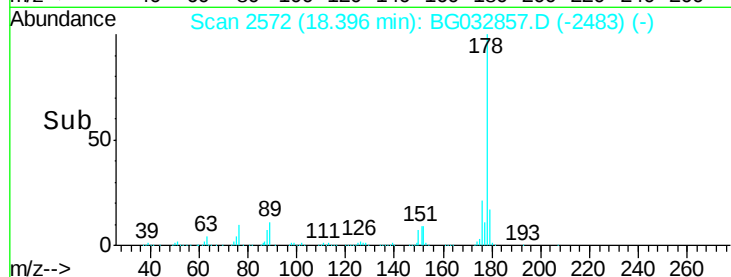
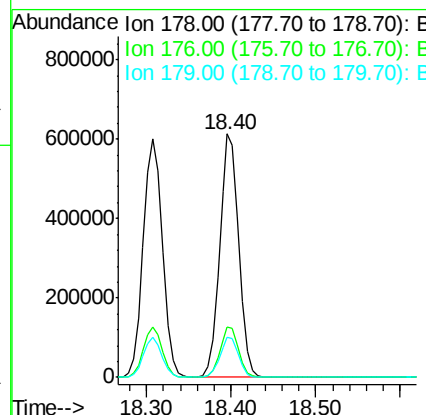
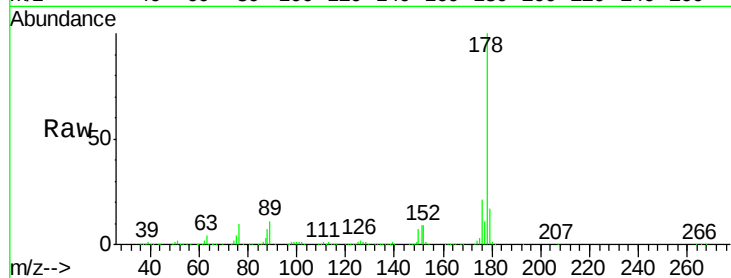




#71
 Anthracene
 Concen: 41.70 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

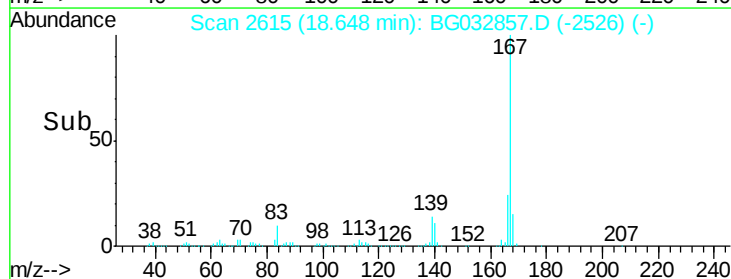
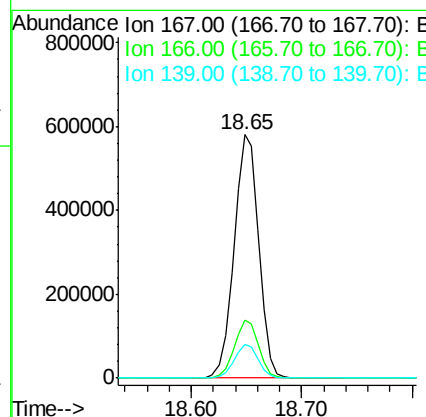
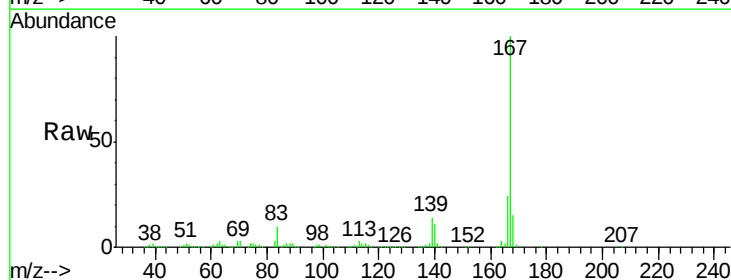
Instrument :
 BNA_G
 ClientSampleId :

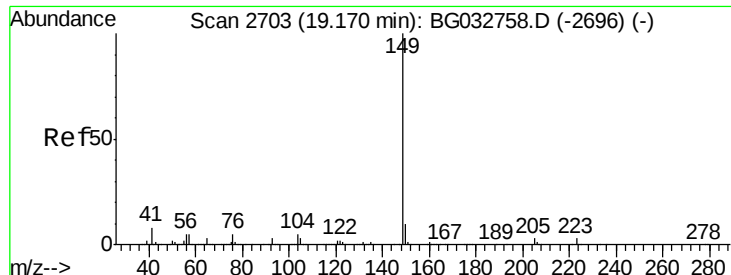
Tot Ion:178 Resp: 966073
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.7 12.5 18.7



#72
 Carbazole
 Concen: 39.67 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:167 Resp: 905884
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.2 27.4
 139 13.9 9.4 14.2

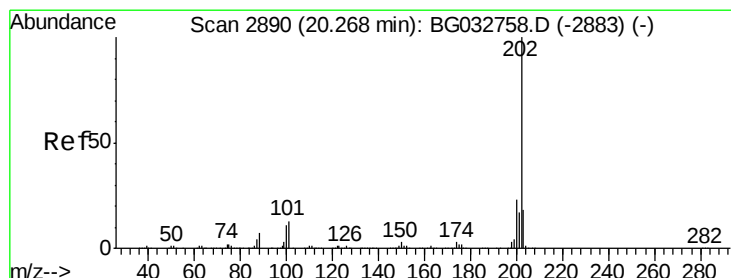
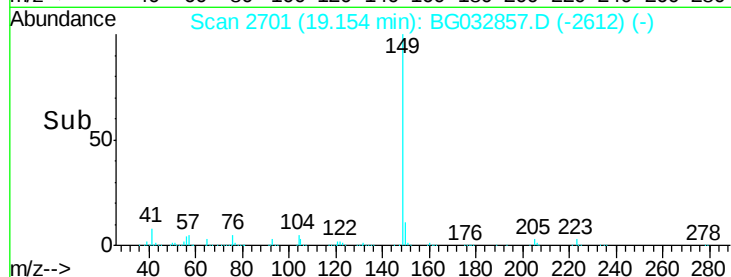
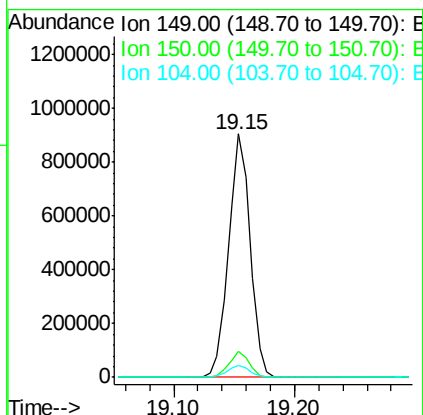
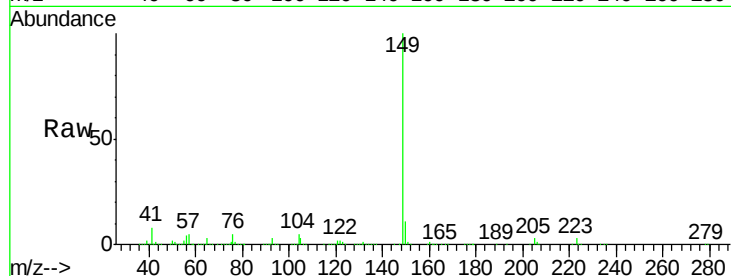




#73
Di-n-butylphthalate
Concen: 40.05 ng
RT: 19.15 min Scan# 2701
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

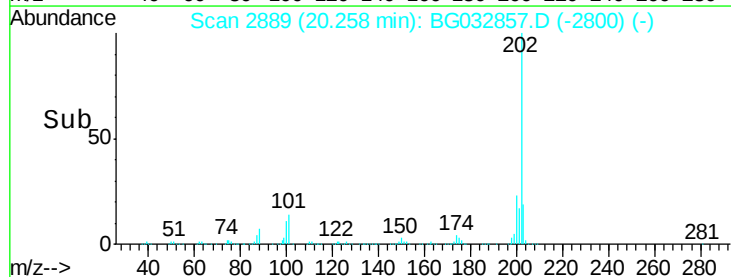
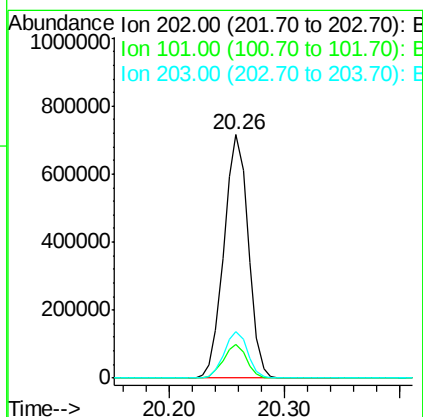
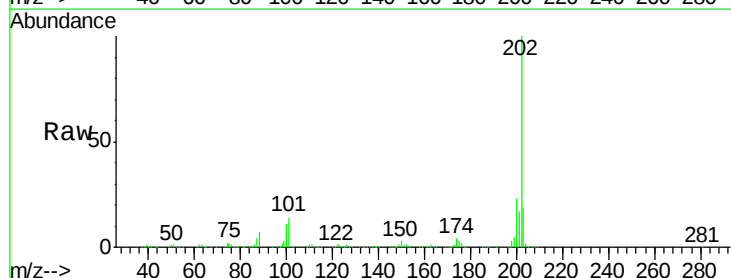
Instrument :
BNA_G
ClientSampleId :

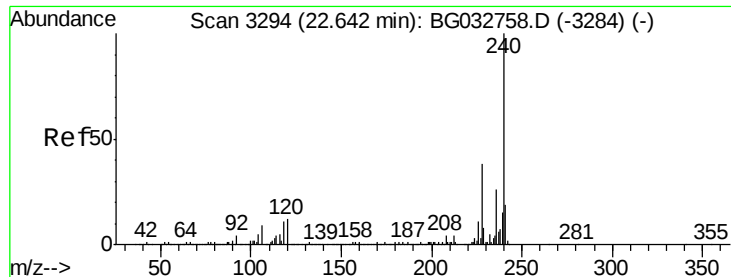
Tot Ion:149 Resp: 1121904
Ion Ratio Lower Upper
149 100
150 10.5 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 40.88 ng
RT: 20.26 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:202 Resp: 1042013
Ion Ratio Lower Upper
202 100
101 13.6 0.0 28.9
203 19.1 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampled :

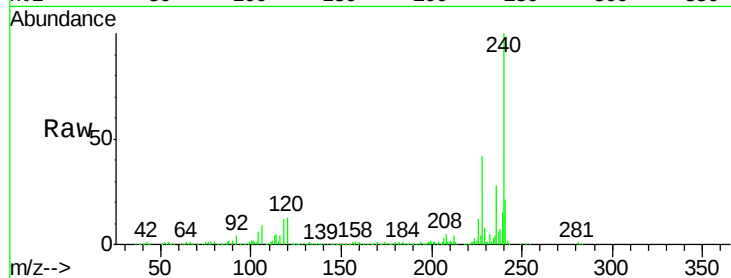
Tot Ion:240 Resp: 378216

Ion Ratio Lower Upper

240 100

120 12.5 6.8 10.2#

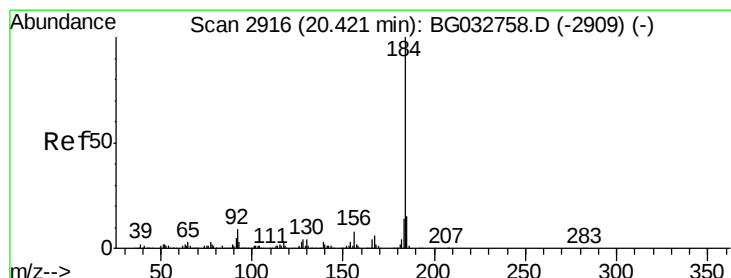
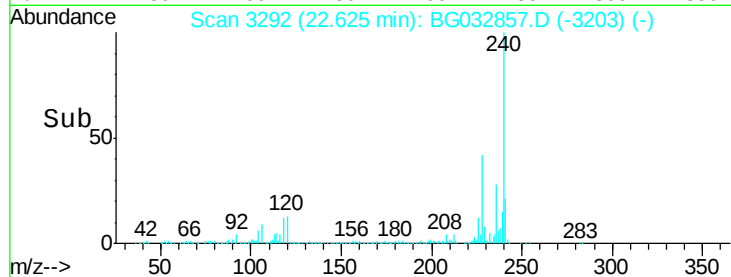
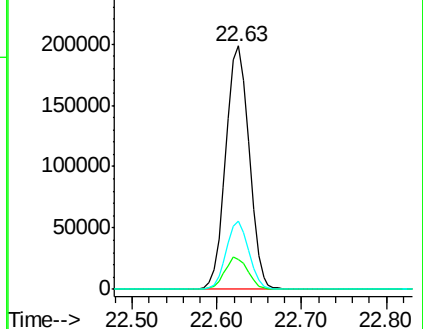
236 28.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.31 ng

RT: 20.41 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

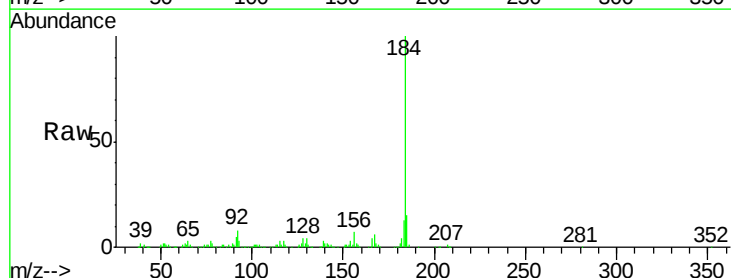
Tgt Ion:184 Resp: 313398

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

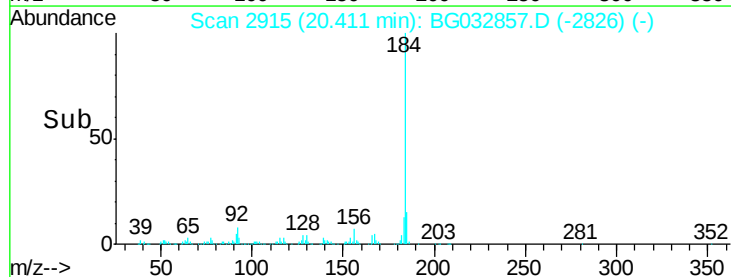
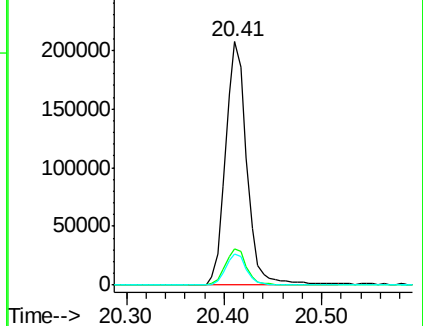
183 12.6 10.6 16.0

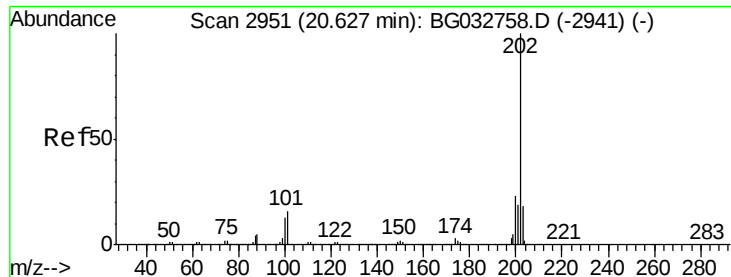


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

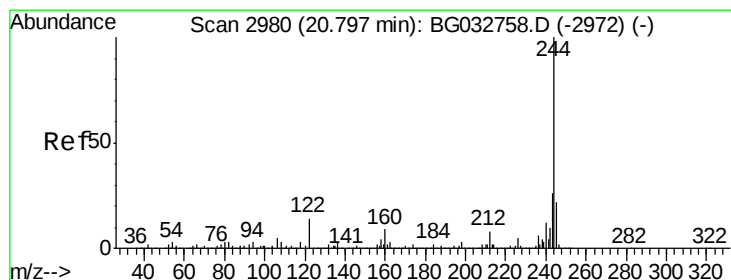
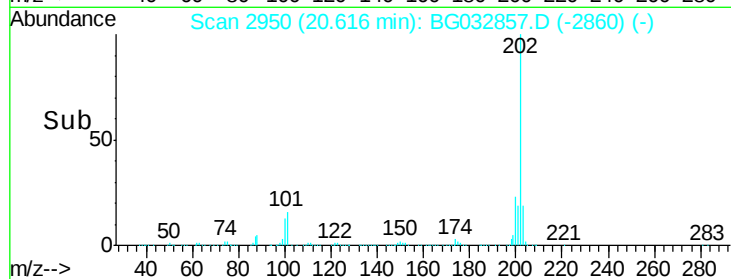
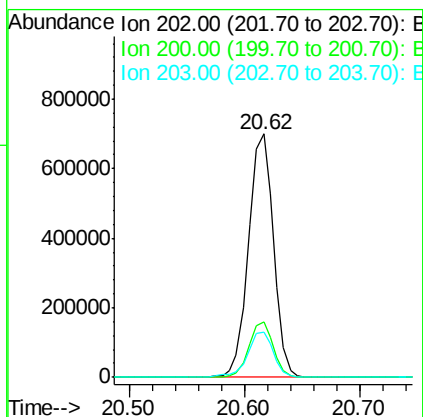
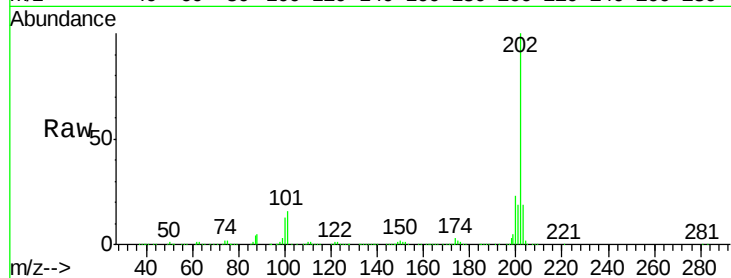




#77
Pvrene
Concen: 39.47 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

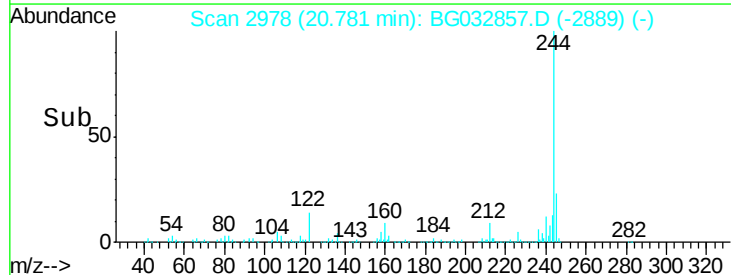
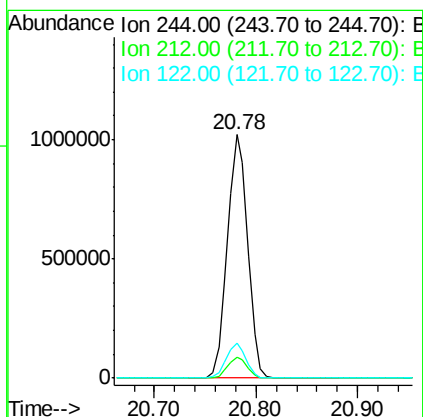
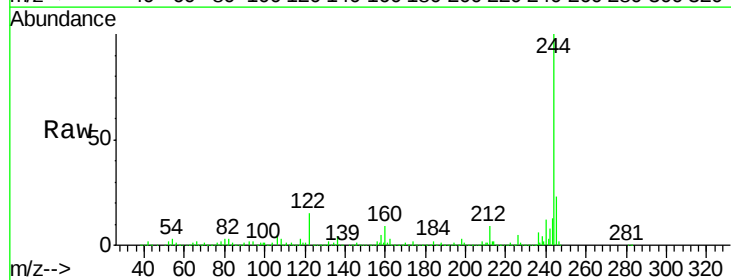
Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 1052708
Ion Ratio Lower Upper
202 100
200 22.9 16.9 25.3
203 18.8 13.9 20.9



#78
Terphenyl-d14
Concen: 83.86 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:244 Resp: 1411769
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.8
122 14.6 7.0 10.4#

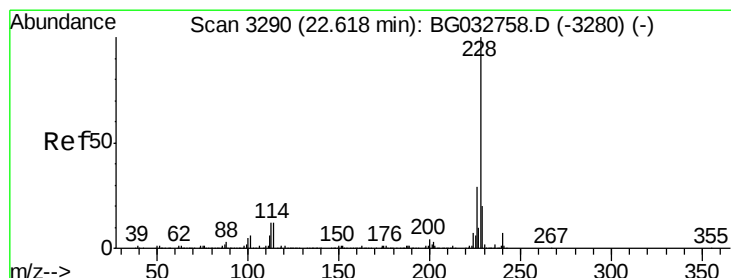
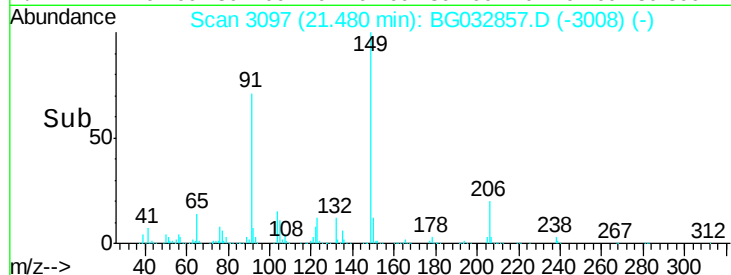
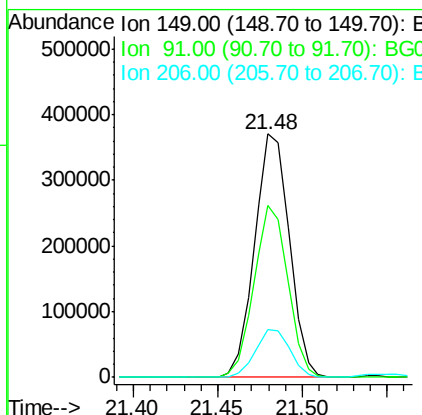
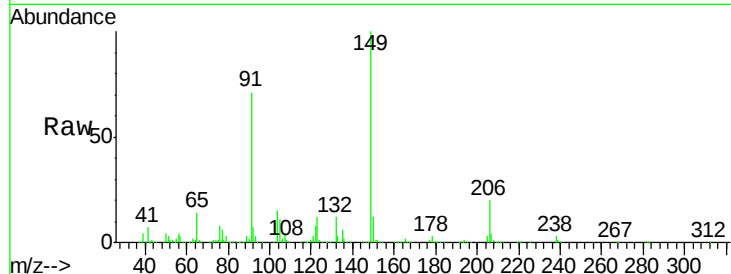




#79
Butylbenzylphthalate
Concen: 44.79 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

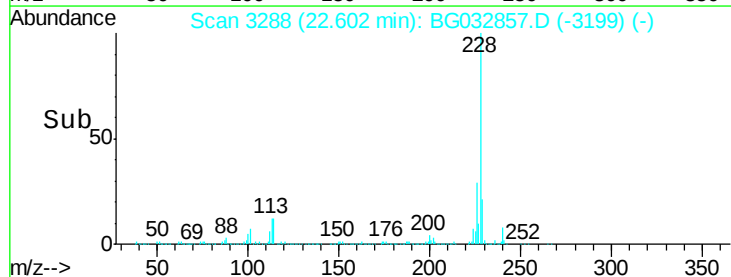
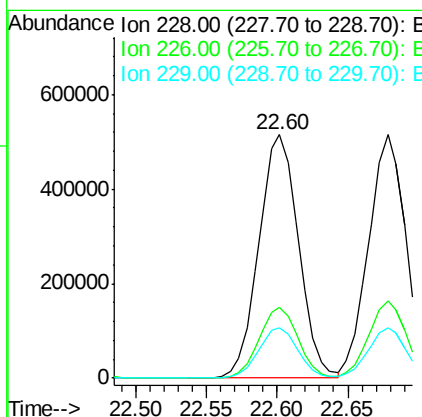
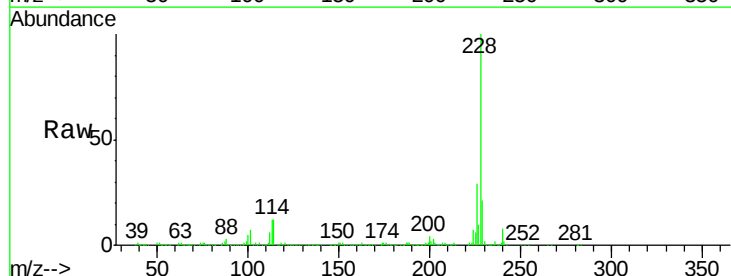
Instrument :
BNA_G
ClientSampled :

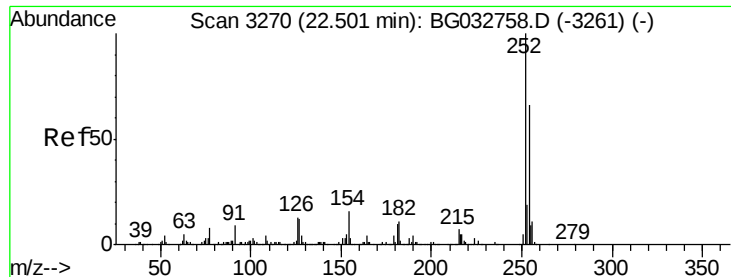
Tot Ion:149 Resp: 529715
Ion Ratio Lower Upper
149 100
91 70.7 62.2 93.2
206 19.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.79 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion:228 Resp: 1013616
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 20.8 16.2 24.2

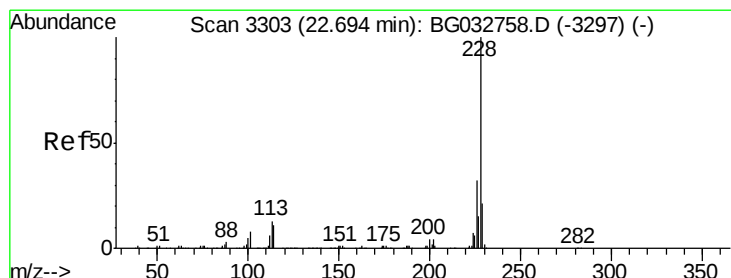
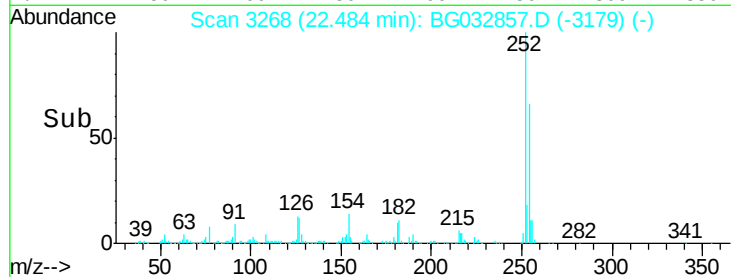
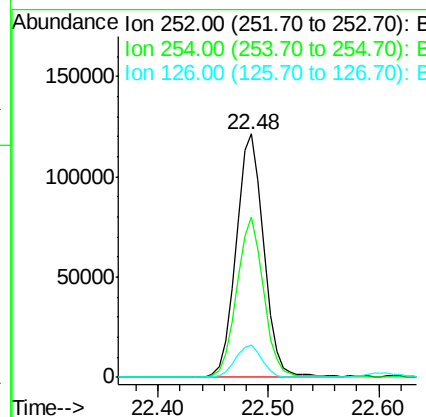
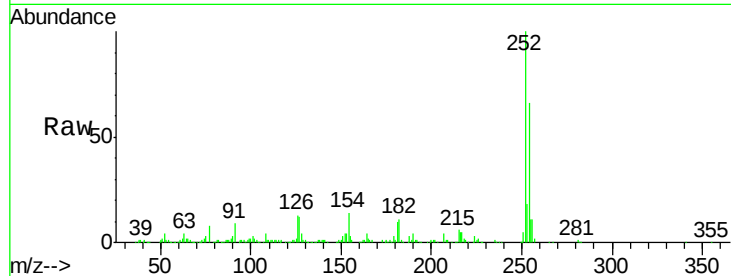




#81
 3,3'-Dichlorobenzidine
 Concen: 23.71 ng
 RT: 22.48 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

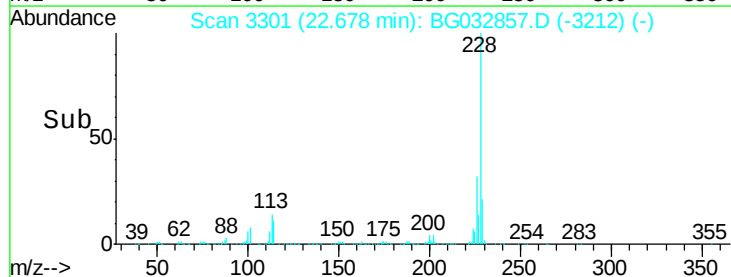
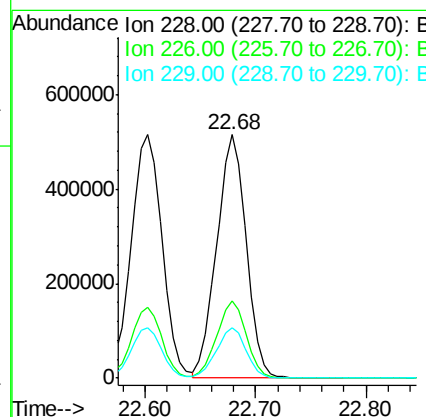
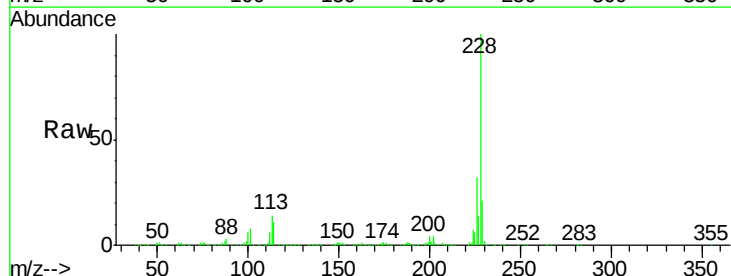
Instrument :
 BNA_G
 ClientSampleId :

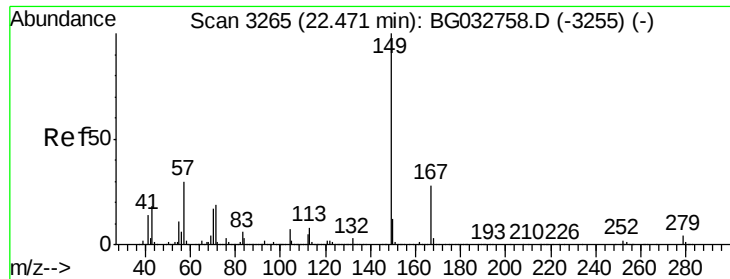
Tot Ion:252 Resp: 213019
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.8 76.2
 126 13.1 7.4 11.2#



#82
 Chrysene
 Concen: 41.01 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:228 Resp: 950068
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 20.6 15.0 22.4

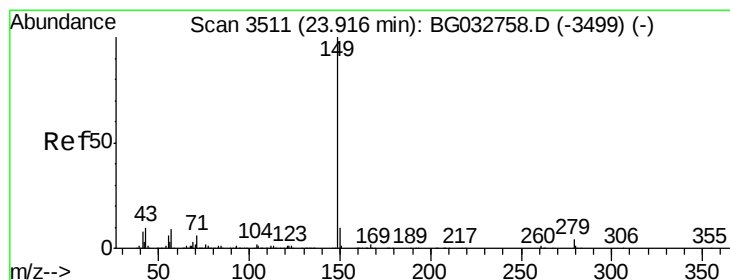
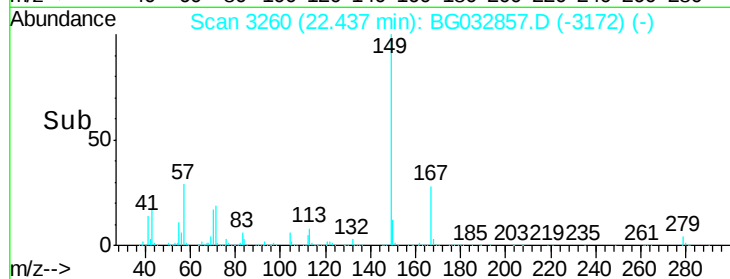
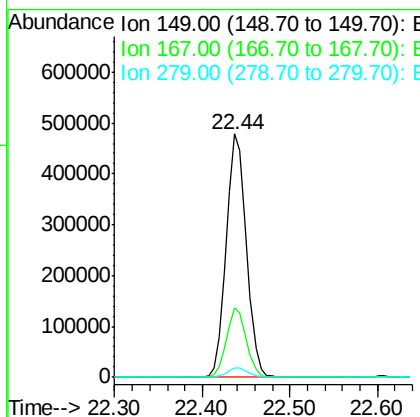
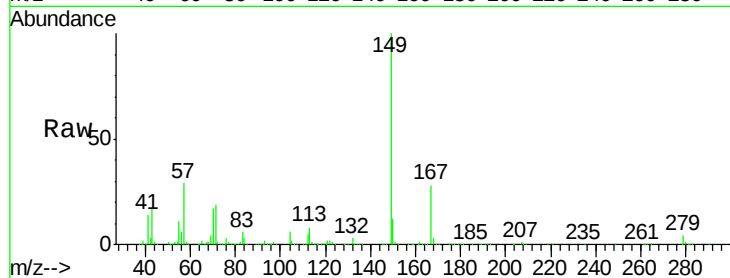




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.16 ng
 RT: 22.44 min Scan# 3260
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

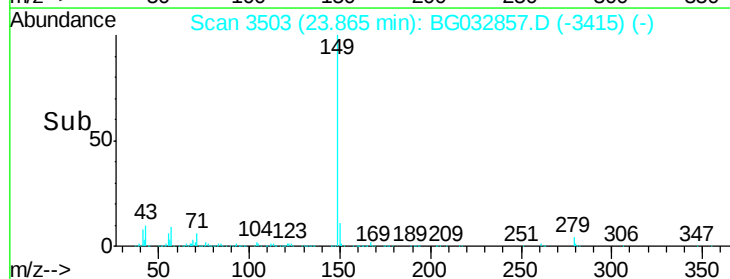
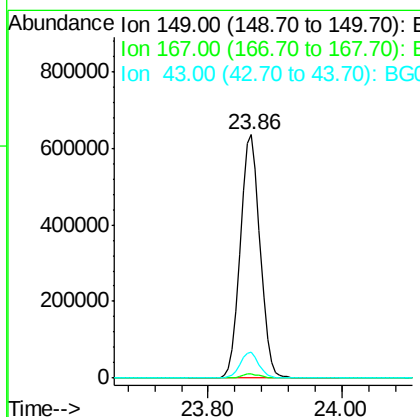
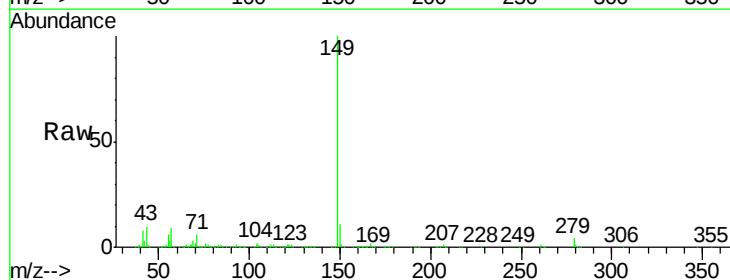
Instrument :
 BNA_G
 ClientSampleId :

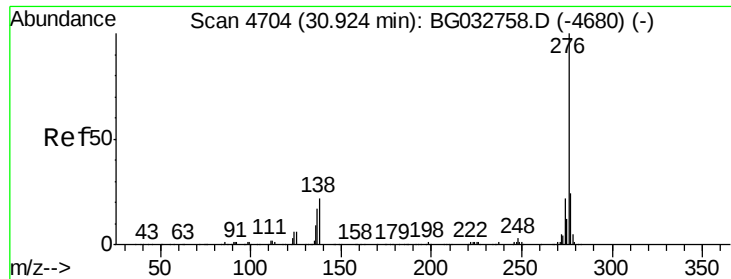
Tot Ion:149 Resp: 755466
 Ion Ratio Lower Upper
 149 100
 167 28.5 24.3 36.5
 279 4.1 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 48.45 ng
 RT: 23.86 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:149 Resp: 1292787
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.3 8.9 13.3

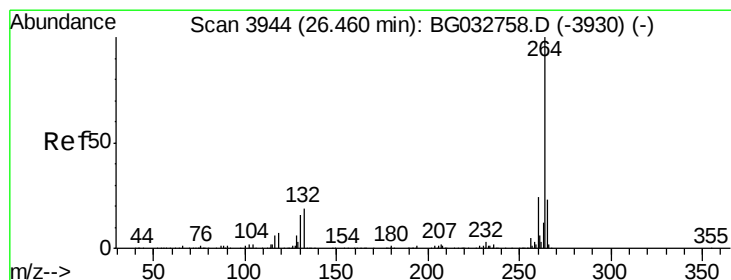
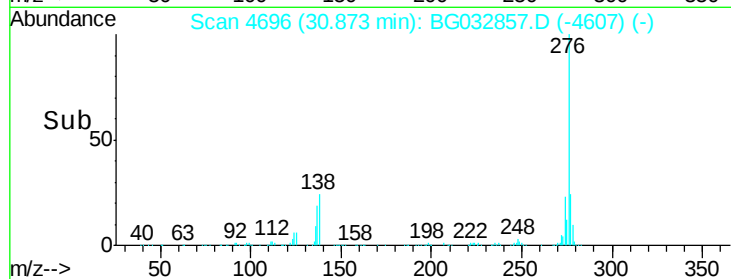
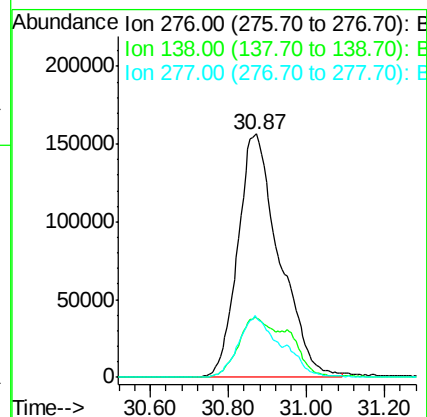
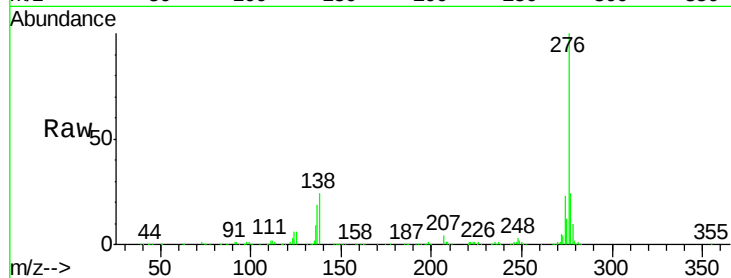




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.98 ng
 RT: 30.87 min Scan# 4696
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

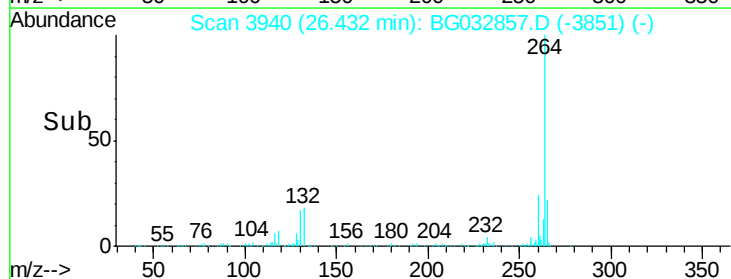
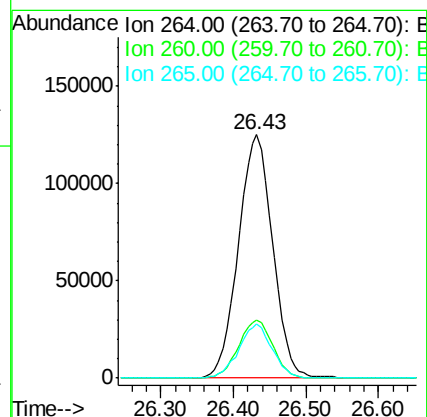
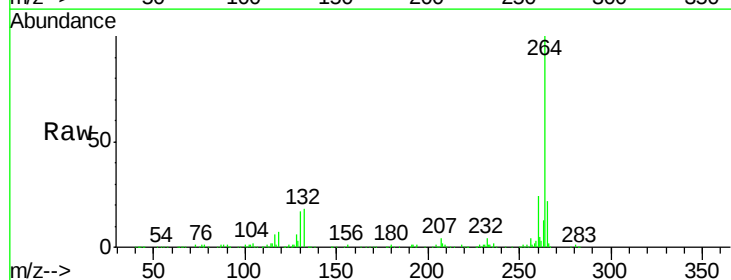
Instrument :
 BNA_G
 ClientSampleId :

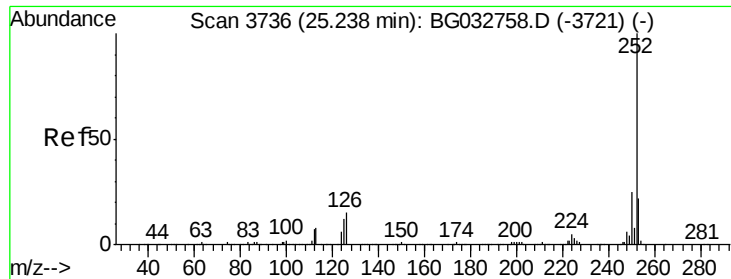
Tot Ion:276 Resp: 1161381
 Ion Ratio Lower Upper
 276 100
 138 21.3 16.0 24.0
 277 20.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.43 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Tgt Ion:264 Resp: 410605
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 22.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.78 ng

RT: 25.21 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

Instrument :

BNA_G

ClientSampled :

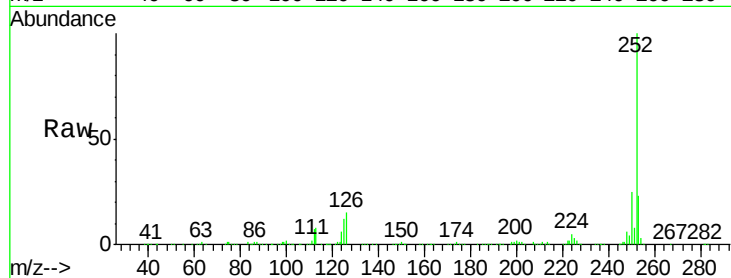
Tot Ion:252 Resp: 1014440

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

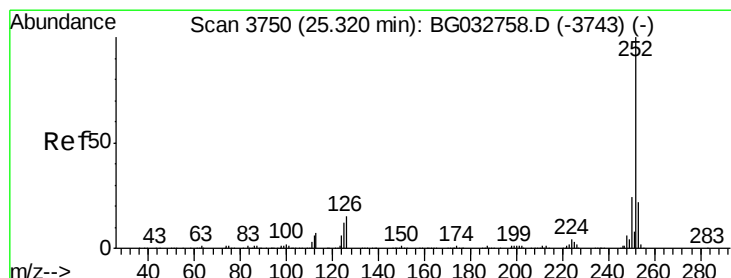
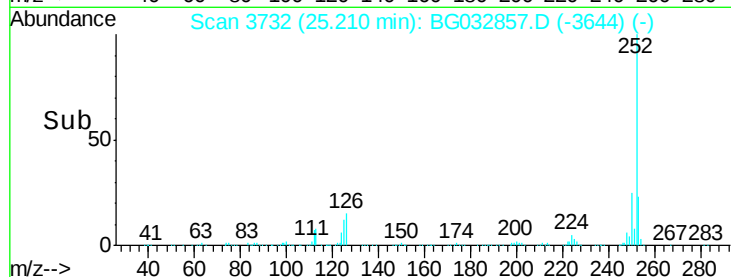
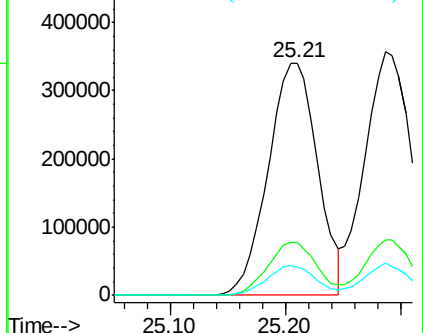
125 12.3 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.80 ng

RT: 25.29 min Scan# 3745

Delta R.T. -0.01 min

Lab File: BG032857.D

Acq: 27 Feb 2018 16:40

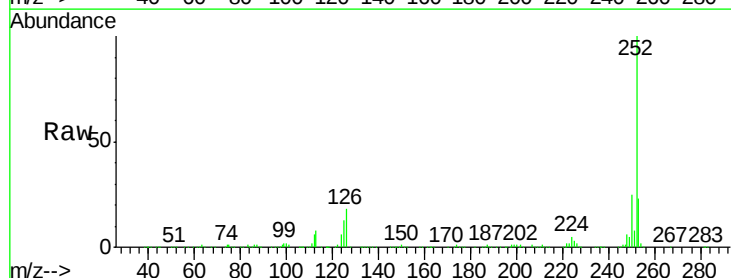
Tgt Ion:252 Resp: 1008658

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

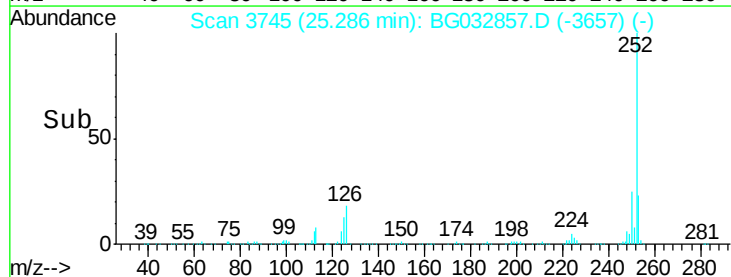
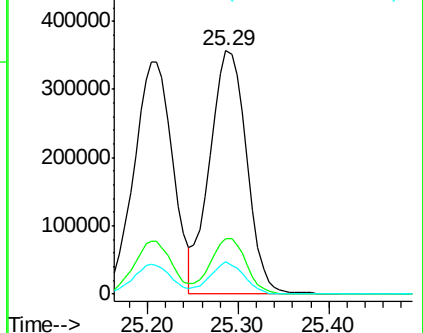
125 13.4 6.6 9.8#

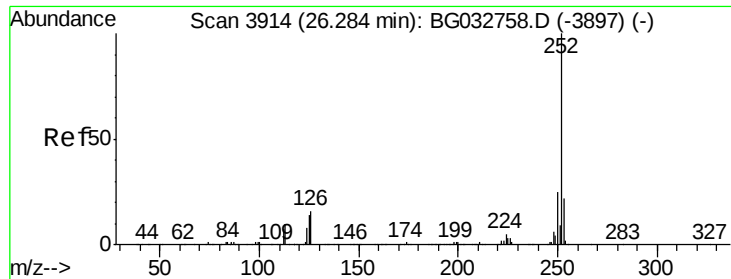


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

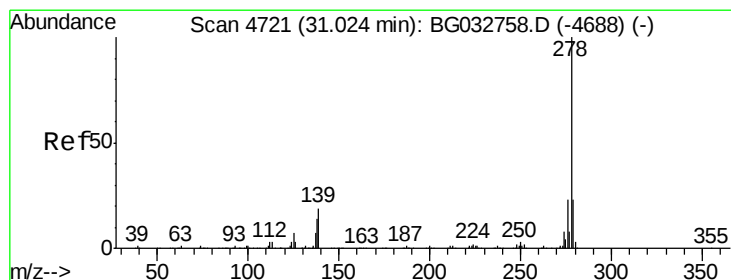
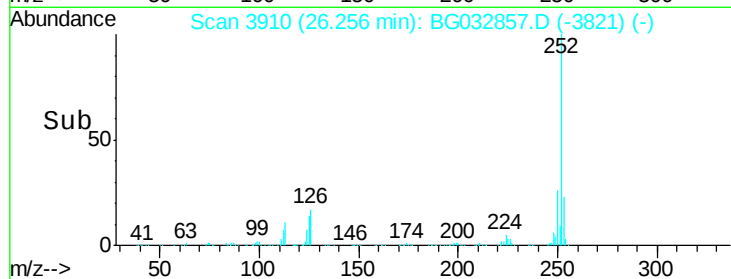
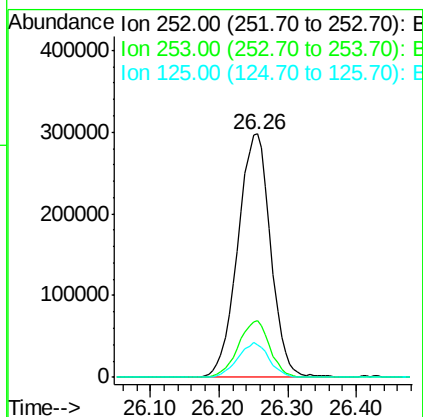
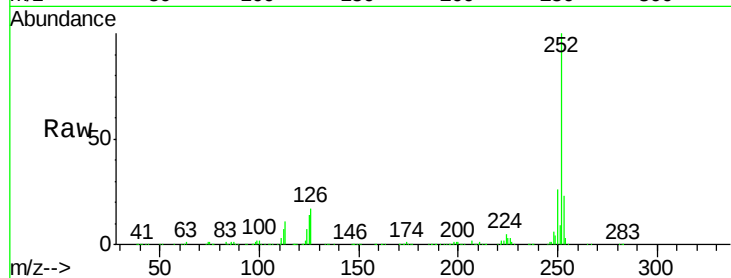




#89
Benzo(a)pyrene
Concen: 42.94 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

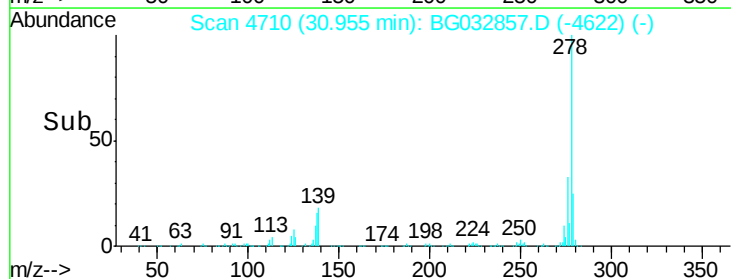
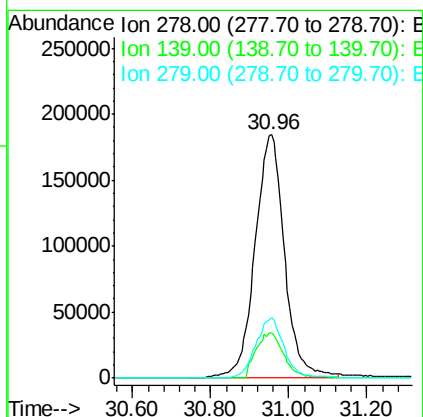
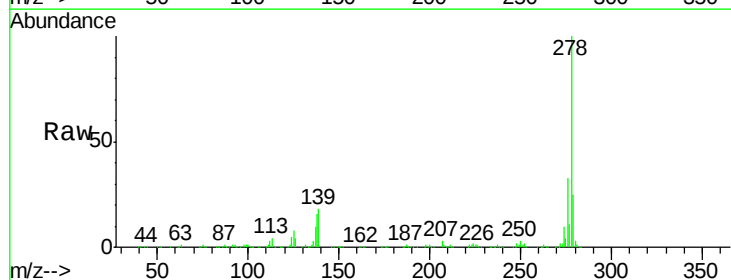
Instrument :
BNA_G
ClientSampleId :

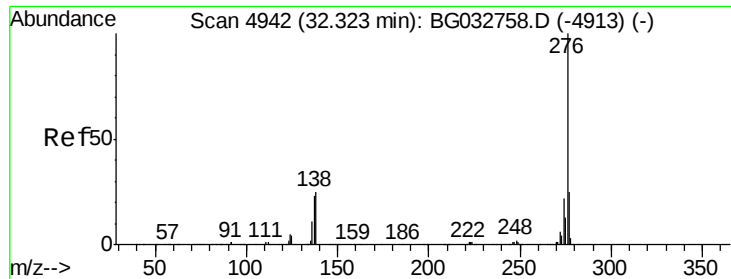
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	13.5	7.3	10.9#



#90
Dibenzo(a,h)anthracene
Concen: 41.67 ng
RT: 30.96 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BG032857.D
Acq: 27 Feb 2018 16:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	9.8	14.6#
279	24.7	18.4	27.6

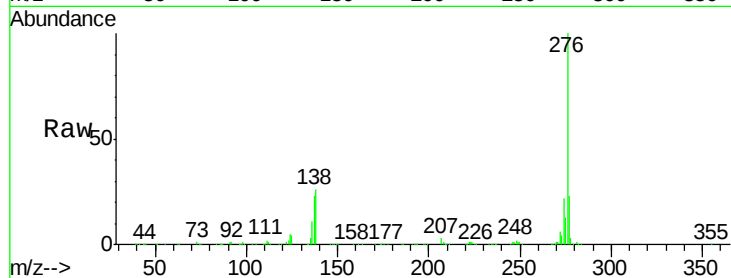




#91
 Benzo(a,h,i)perylene
 Concen: 42.08 ng
 RT: 32.26 min Scan# 4932
 Delta R.T. -0.02 min
 Lab File: BG032857.D
 Acq: 27 Feb 2018 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	25.8	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

