

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032503.D
 Acq On : 1 Feb 2018 23:31
 Operator : SJ/JU
 Sample : PB106258BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

Quant Time: Feb 02 02:51:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26191	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	103338	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	73458	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	196511	20.00	ng	0.00
75) Chrysene-d12	22.41	240	259007	20.00	ng	0.00
86) Perylene-d12	26.08	264	276348	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	125074	95.92	ng	0.00
7) Phenol-d6	7.84	99	153821	88.40	ng	0.00
23) Nitrobenzene-d5	9.91	82	95661	57.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	131009	93.69	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	361749	58.53	ng	-0.01
78) Terphenyl-d14	20.62	244	770940	63.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	12372	28.200	ng	# 69
3) Pyridine	4.26	79	31955	26.974	ng	# 77
4) n-Nitrosodimethylamine	4.17	42	18722	30.360	ng	# 64
6) Aniline	8.01	93	26304	12.124	ng	97
8) 2-Chlorophenol	8.26	128	48948	31.756	ng	84
9) Benzaldehyde	7.81	77	14269	15.877	ng	89
10) Phenol	7.86	94	52461	31.748	ng	87
11) bis(2-Chloroethyl)ether	8.10	93	31870	25.313	ng	# 81
12) 1,3-Dichlorobenzene	8.59	146	60806	29.170	ng	98
13) 1,4-Dichlorobenzene	8.75	146	58275	27.892	ng	95
14) 1,2-Dichlorobenzene	9.08	146	56789	27.747	ng	94
15) Benzyl Alcohol	8.95	79	37877	26.412	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	31073	26.045	ng	72
17) 2-Methylphenol	9.16	107	36958	27.538	ng	# 91
18) Hexachloroethane	9.83	117	20172	28.757	ng	# 73
19) n-Nitroso-di-n-propylamine	9.52	70	28005	24.274	ng	# 91
20) 3+4-Methylphenols	9.49	107	50247	26.691	ng	89
22) Acetophenone	9.55	105	66955	27.640	ng	# 91
24) Nitrobenzene	9.96	77	48266	30.170	ng	# 86
25) Isophorone	10.47	82	82466	29.273	ng	# 82
26) 2-Nitrophenol	10.68	139	28697	29.674	ng	# 76
27) 2,4-Dimethylphenol	10.72	122	46107	33.216	ng	94
28) bis(2-Chloroethoxy)methane	10.96	93	46494	30.097	ng	# 91
29) 2,4-Dichlorophenol	11.23	162	58682	31.913	ng	88
30) 1,2,4-Trichlorobenzene	11.44	180	70100	28.603	ng	96
31) Naphthalene	11.64	128	144643	28.659	ng	99
32) Benzoic acid	10.84	122	21037	24.517	ng	# 73
33) 4-Chloroaniline	11.75	127	28185	12.521	ng	# 91
34) Hexachlorobutadiene	11.91	225	52808	27.695	ng	93
35) Caprolactam	12.48	113	15340	29.060	ng	# 42
36) 4-Chloro-3-methylphenol	12.82	107	54794	31.415	ng	94
37) 2-Methylnaphthalene	13.21	142	121582	28.674	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	98544	28.675	ng	96
40) Hexachlorocyclopentadiene	13.53	237	129060	60.106	ng	90

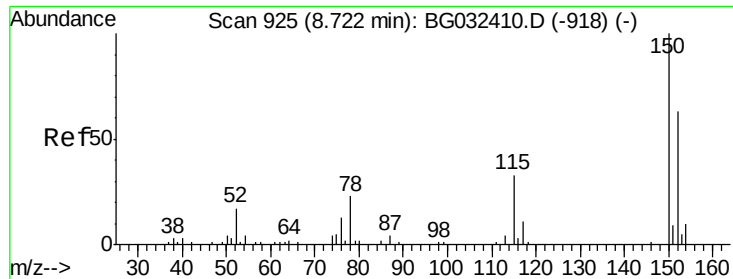
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032503.D
 Acq On : 1 Feb 2018 23:31
 Operator : SJ/JU
 Sample : PB106258BS
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Instrument :
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Quant Time: Feb 02 02:51:24 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	55808	29.855	nq	94
43) 2,4,5-Trichlorophenol	13.87	196	65982	30.280	nq	# 91
45) 1,1'-Biphenyl	14.19	154	178055	28.690	nq	96
46) 2-Chloronaphthalene	14.24	162	139581	28.695	nq	98
47) 2-Nitroaniline	14.43	65	32133	29.872	nq	# 80
48) Acenaphthylene	15.07	152	208925	28.411	nq	99
49) Dimethylphthalate	14.77	163	189186	27.932	nq	# 98
50) 2,6-Dinitrotoluene	14.91	165	42724	30.053	nq	# 74
51) Acenaphthene	15.41	154	155965	30.582	nq	99
52) 3-Nitroaniline	15.25	138	21982	17.703	nq	# 69
53) 2,4-Dinitrophenol	15.45	184	34860	41.373	nq	# 49
54) Dibenzofuran	15.74	168	228393	30.257	nq	97
55) 4-Nitrophenol	15.54	139	54070	58.164	nq	# 75
56) 2,4-Dinitrotoluene	15.69	165	61342	30.306	nq	# 75
57) Fluorene	16.38	166	182286	29.062	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	69730	32.445	nq	# 88
59) Diethylphthalate	16.12	149	189804	28.772	nq	99
60) 4-Chlorophenyl-phenylether	16.36	204	116857	29.544	nq	92
61) 4-Nitroaniline	16.40	138	36870	27.703	nq	# 75
62) Azobenzene	16.65	77	119581	30.333	nq	84
64) 4,6-Dinitro-2-methylphenol	16.44	198	35198	23.976	nq	77
65) n-Nitrosodiphenylamine	16.57	169	171291	29.208	nq	98
66) 4-Bromophenyl-phenylether	17.25	248	86688	29.776	nq	95
67) Hexachlorobenzene	17.38	284	91614	28.436	nq	# 90
68) Atrazine	17.50	200	77752	30.884	nq	99
69) Pentachlorophenol	17.72	266	105346	52.197	nq	98
70) Phenanthrene	18.12	178	322250	29.405	nq	99
71) Anthracene	18.21	178	333468	30.560	nq	98
72) Carbazole	18.48	167	279944	29.036	nq	99
73) Di-n-butylphthalate	18.98	149	323515	30.308	nq	99
74) Fluoranthene	20.09	202	441100	30.692	nq	95
76) Benzidine	20.25	184	120254	23.645	nq	98
77) Pyrene	20.44	202	442627	27.863	nq	99
79) Butylbenzylphthalate	21.30	149	148279	29.592	nq	# 73
80) Benzo(a)anthracene	22.39	228	475581	29.618	nq	98
81) 3,3'-Dichlorobenzidine	22.28	252	93145	14.972	nq	# 92
82) Chrysene	22.47	228	449059	28.959	nq	98
83) Bis(2-ethylhexyl)phthalate	22.23	149	208232	29.308	nq	# 94
84) Di-n-octyl phthalate	23.59	149	369110	32.754	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.34	276	600563	30.615	nq	# 82
87) Benzo(b)fluoranthene	24.91	252	510116	30.550	nq	# 96
88) Benzo(k)fluoranthene	24.99	252	501081	30.293	nq	# 96
89) Benzo(a)pyrene	25.91	252	492824	30.959	nq	# 95
90) Dibenzo(a,h)anthracene	30.41	278	500645	30.744	nq	# 93
91) Benzo(g,h,i)perylene	31.68	276	499031	30.874	nq	# 90

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

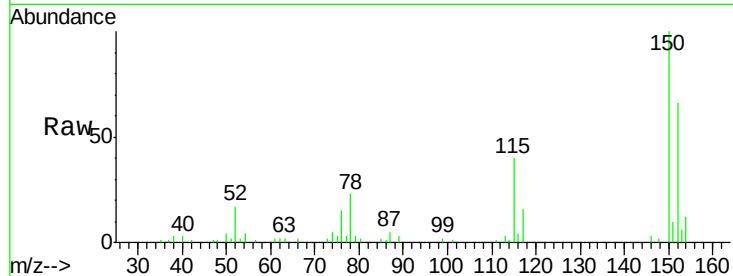


#1

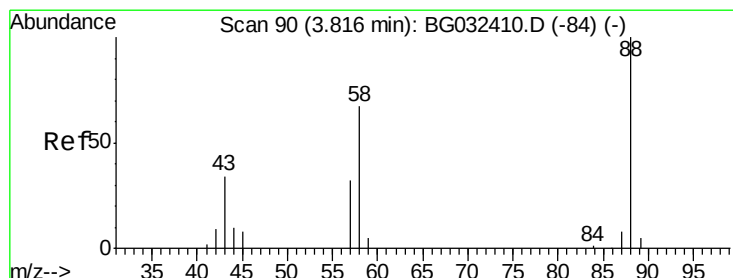
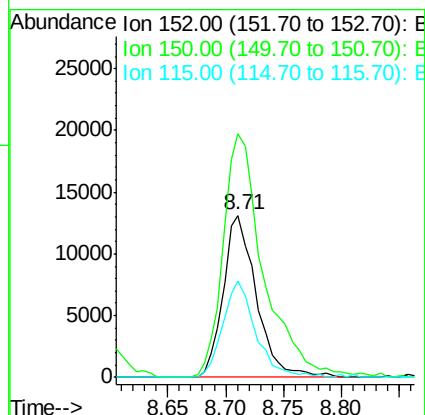
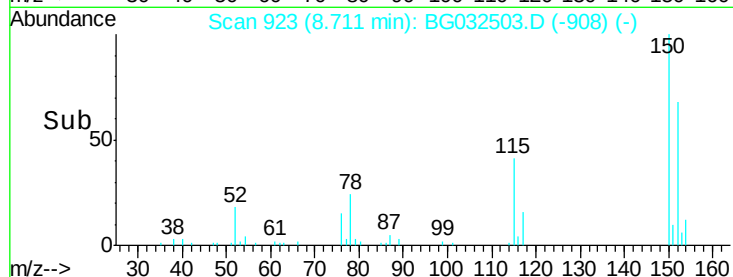
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Instrument :
BNA_G
ClientSampled :
PB106258BS

Tot Ion:152 Resp: 26191
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 59.5 53.0 79.4



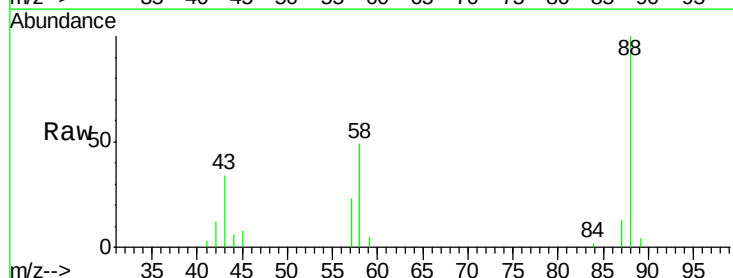
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



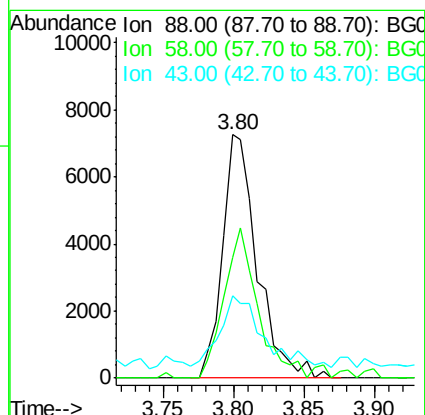
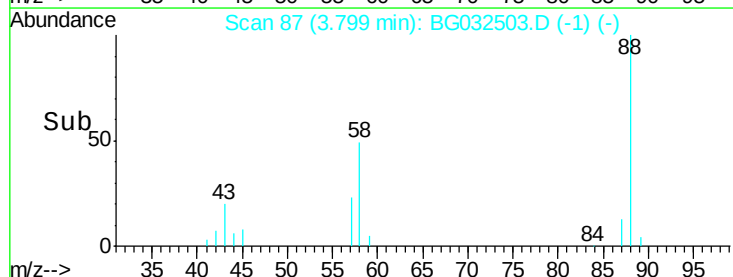
#2

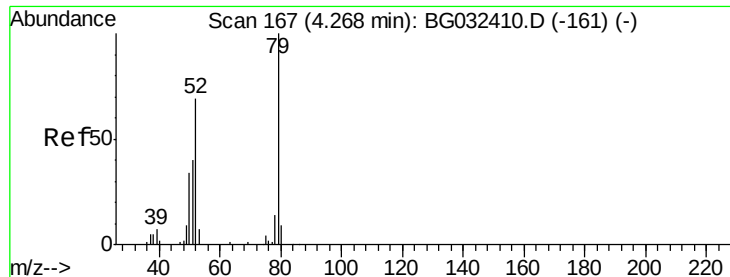
1,4-Dioxane
Concen: 28.200 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion: 88 Resp: 12372
Ion Ratio Lower Upper
88 100
58 60.1 79.6 119.4#
43 37.0 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: 26.974 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

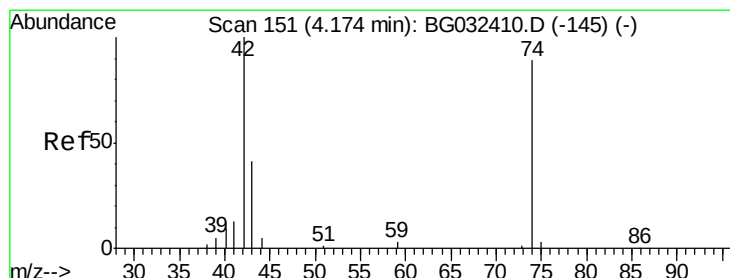
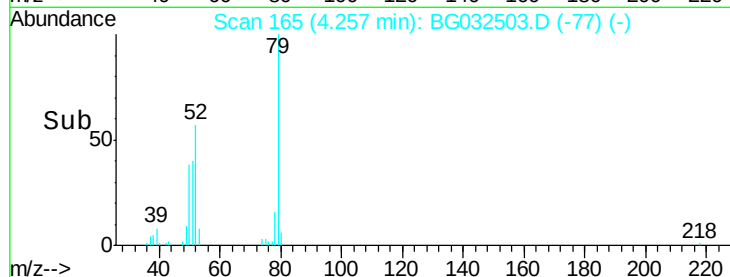
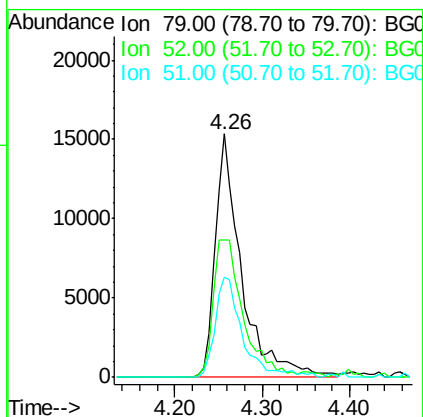
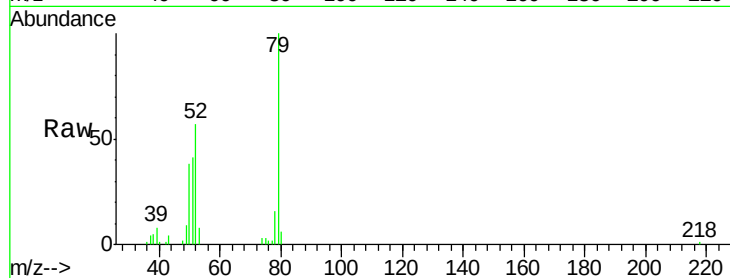
Tot Ion: 79 Resp: 31955

Ion Ratio Lower Upper

79 100

52 56.5 69.9 104.9#

51 41.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 30.360 ng

RT: 4.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

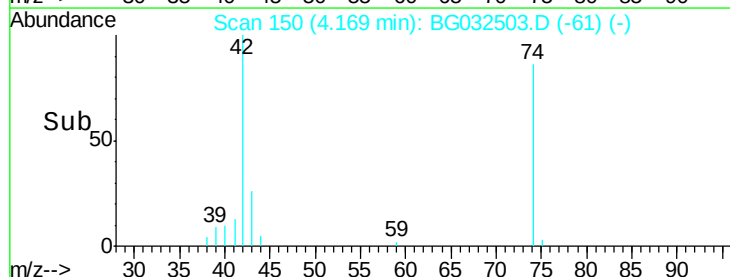
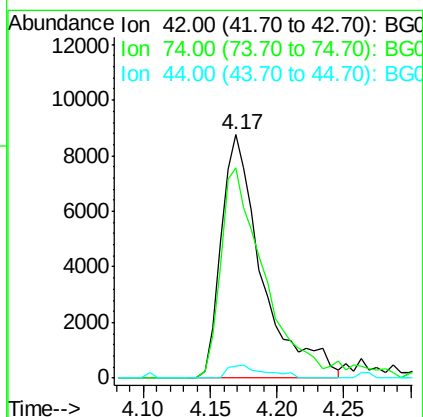
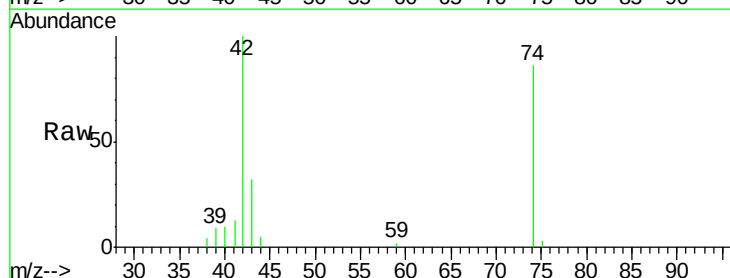
Tgt Ion: 42 Resp: 18722

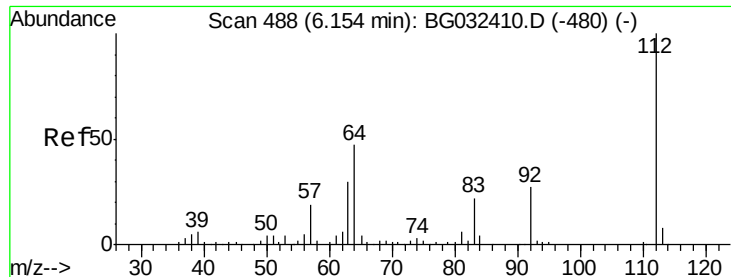
Ion Ratio Lower Upper

42 100

74 86.3 102.5 153.7#

44 5.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 95.918 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

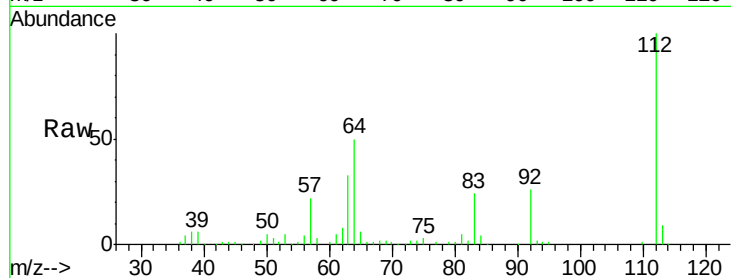
Tot Ion:112 Resp: 125074

Ion Ratio Lower Upper

112 100

64 50.3 56.3 84.5#

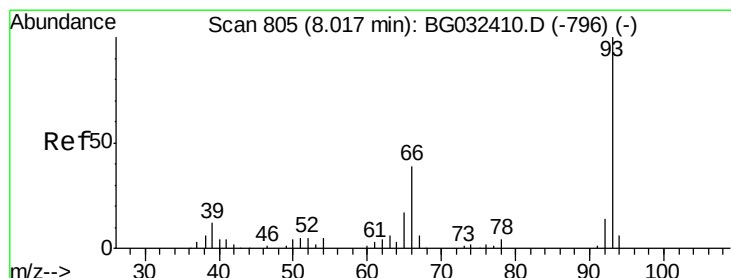
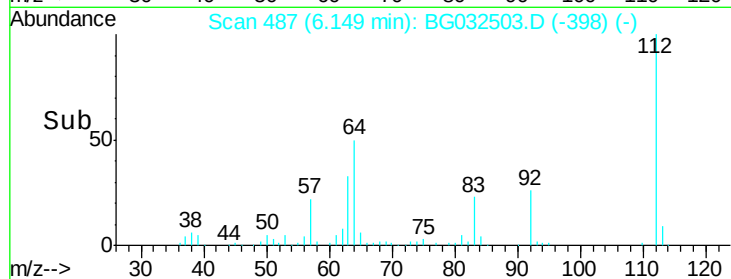
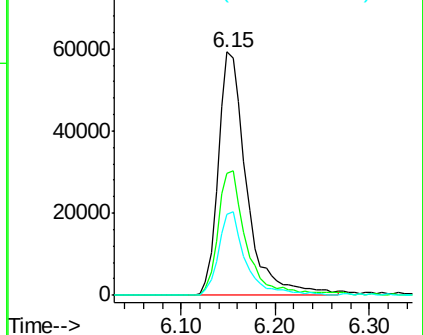
63 33.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.124 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

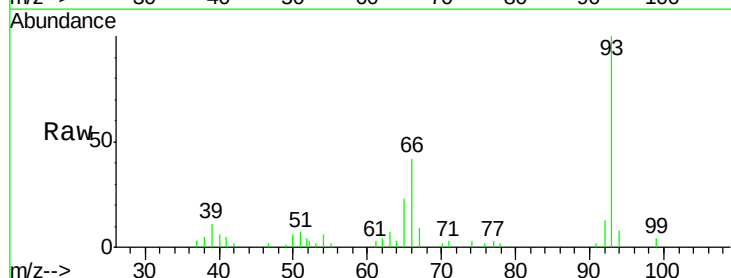
Tgt Ion: 93 Resp: 26304

Ion Ratio Lower Upper

93 100

66 42.5 33.7 50.5

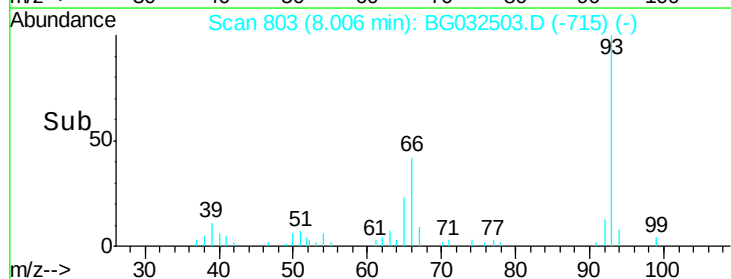
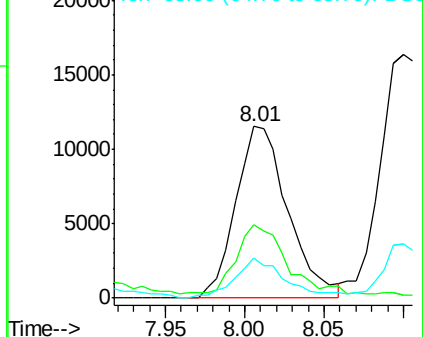
65 23.2 16.1 24.1

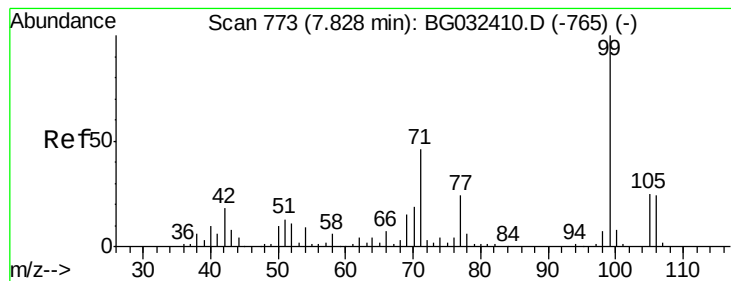


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.401 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

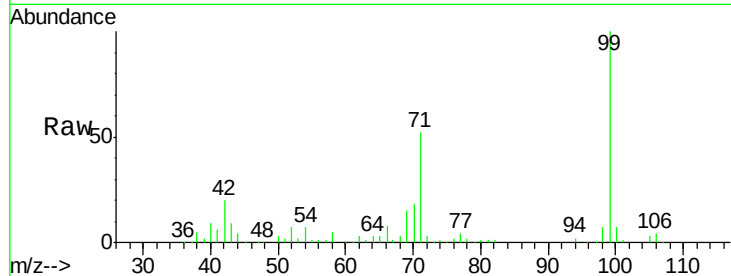
Tot Ion: 99 Resp: 153821

Ion Ratio Lower Upper

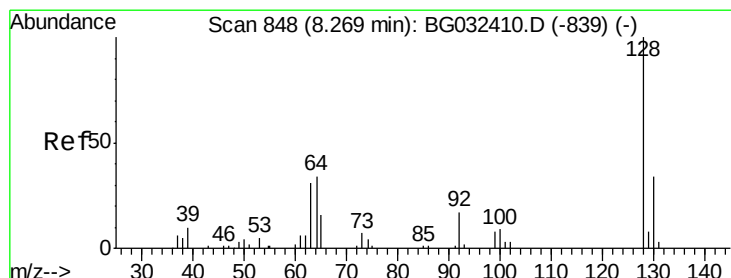
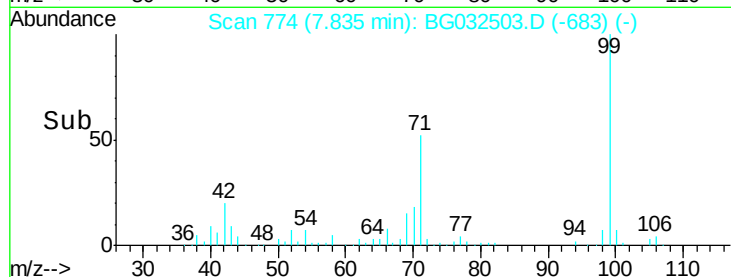
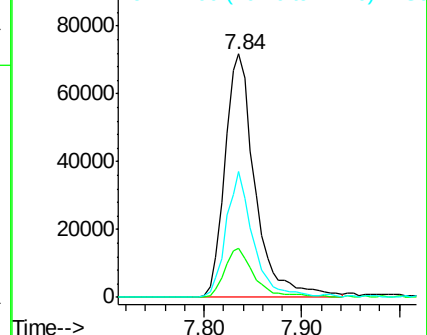
99 100

42 20.1 14.1 21.1

71 51.8 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: 31.756 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

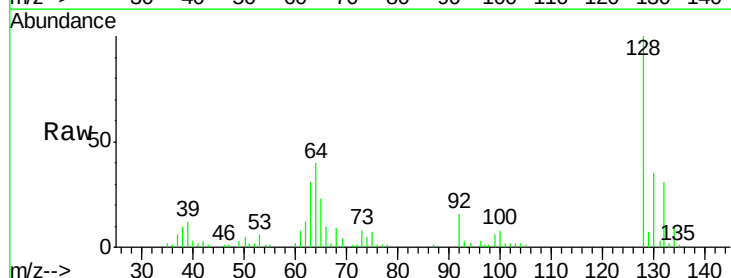
Tgt Ion:128 Resp: 48948

Ion Ratio Lower Upper

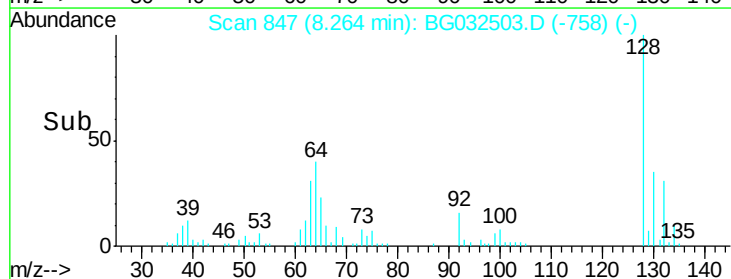
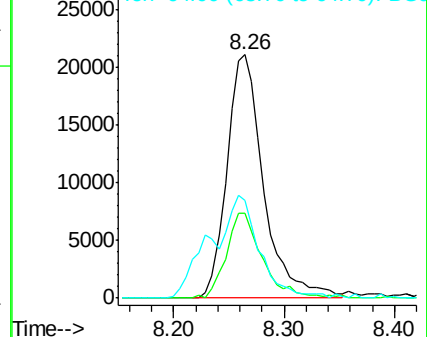
128 100

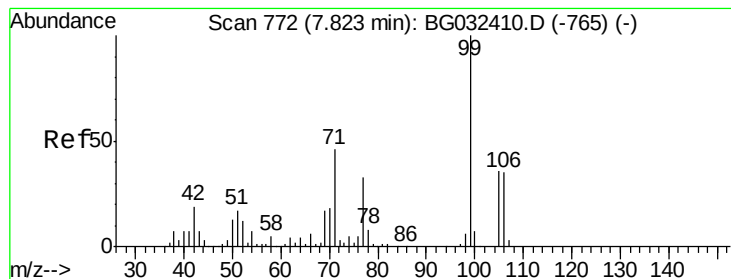
130 34.8 14.0 54.0

64 39.9 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: 15.877 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

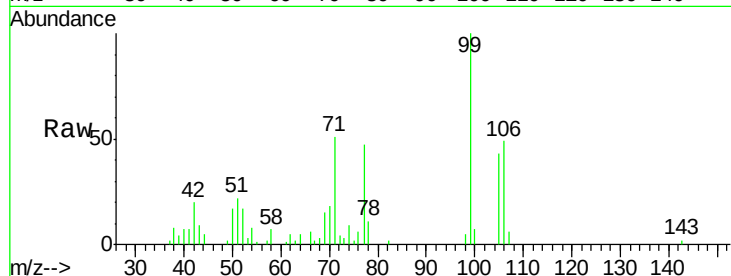
Tot Ion: 77 Resp: 14269

Ion Ratio Lower Upper

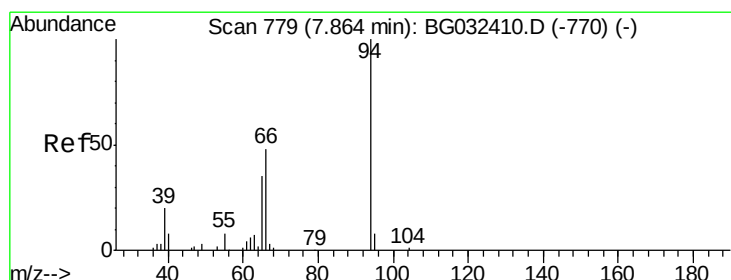
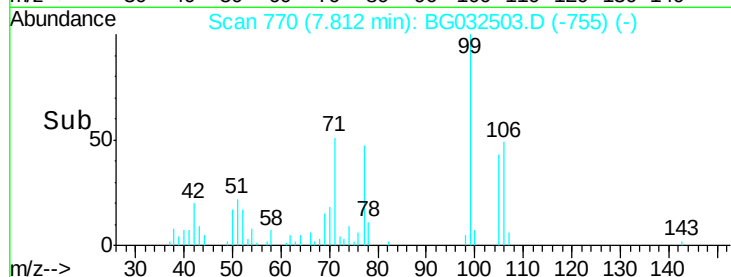
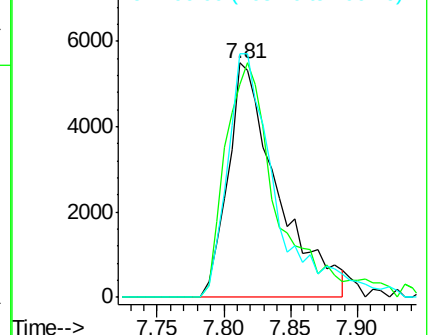
77 100

105 91.1 71.3 111.3

106 104.0 64.2 104.2



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



#10

Phenol

Concen: 31.748 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

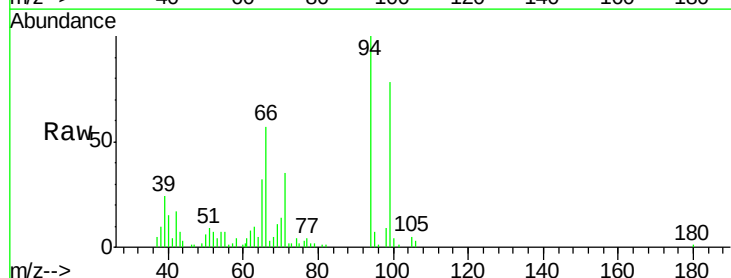
Tgt Ion: 94 Resp: 52461

Ion Ratio Lower Upper

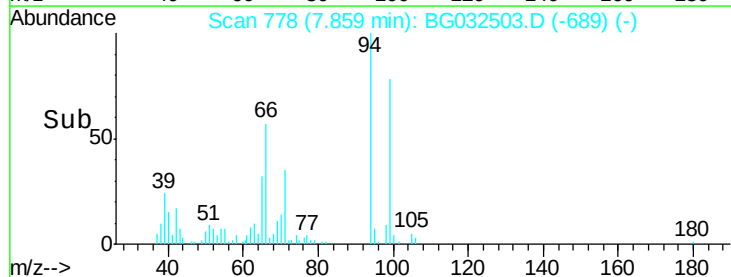
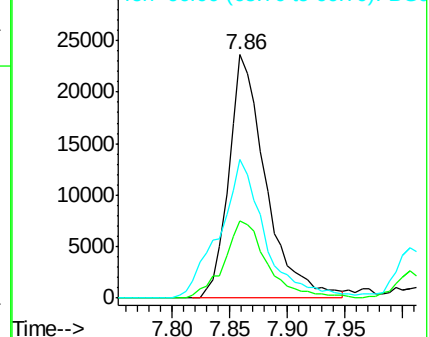
94 100

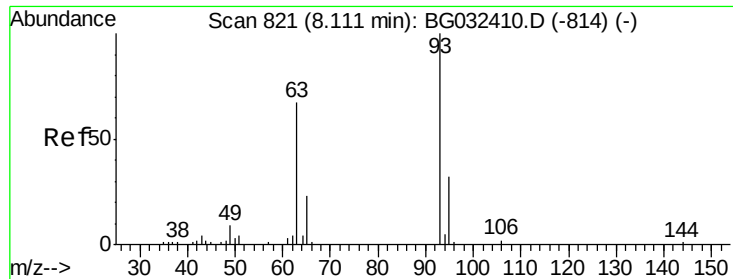
65 31.9 11.9 51.9

66 56.8 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: 25.313 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

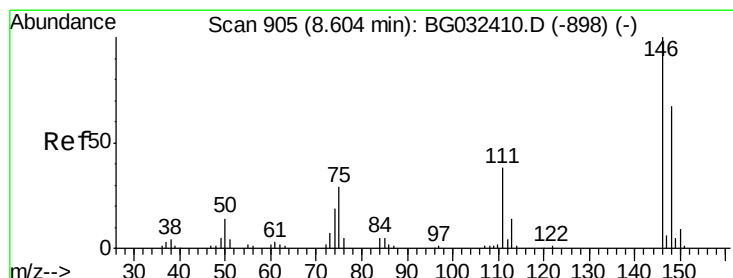
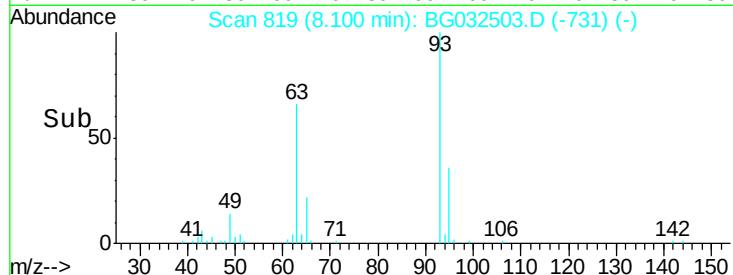
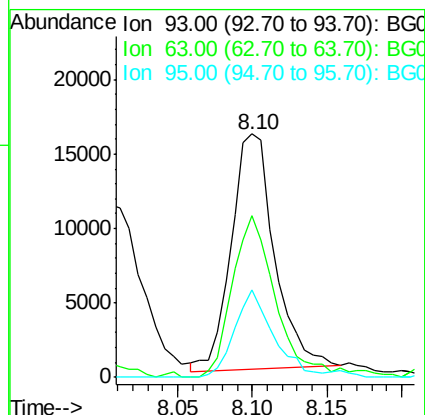
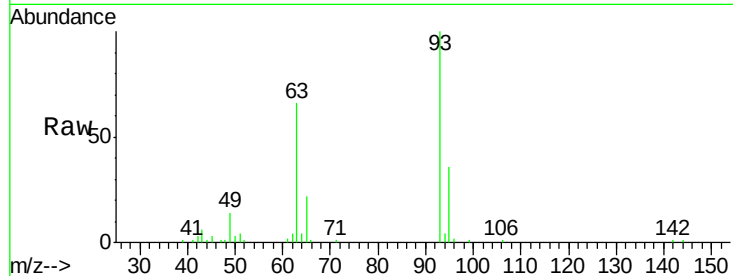
Tot Ion: 93 Resp: 31870

Ion Ratio Lower Upper

93 100

63 66.2 67.1 107.1#

95 36.0 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 29.170 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

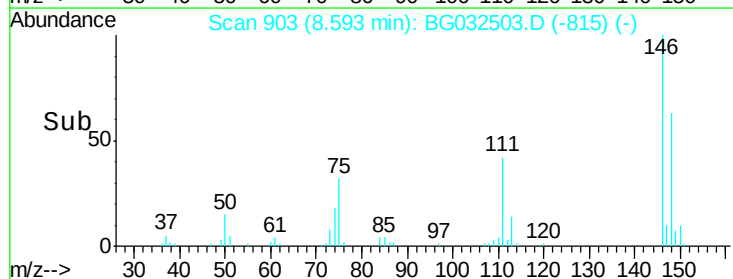
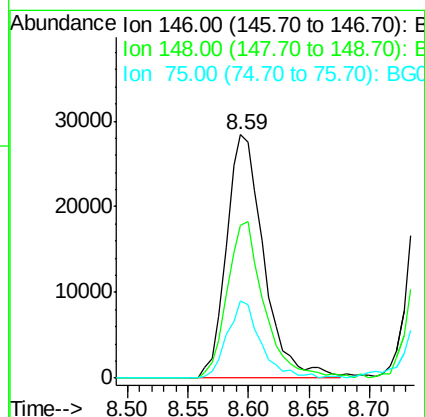
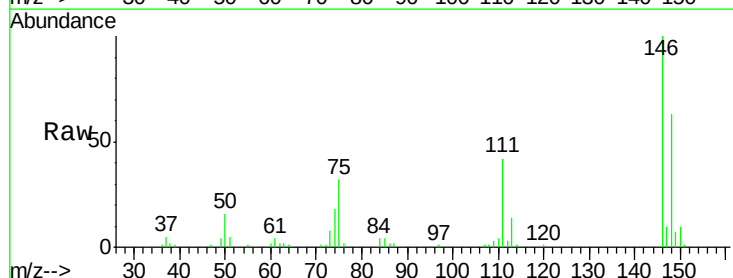
Tgt Ion: 146 Resp: 60806

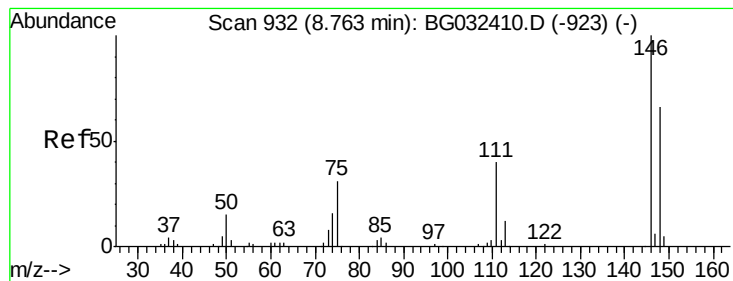
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.2

75 31.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 27.892 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

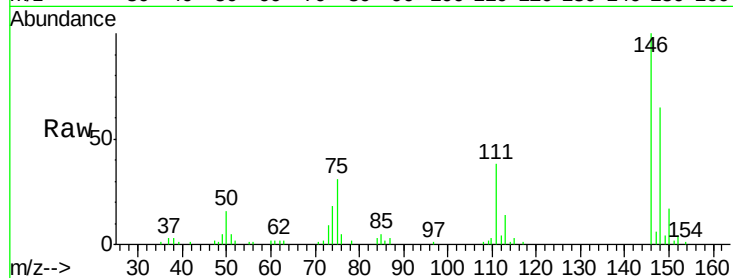
Tot Ion:146 Resp: 58275

Ion Ratio Lower Upper

146 100

148 64.8 53.7 80.5

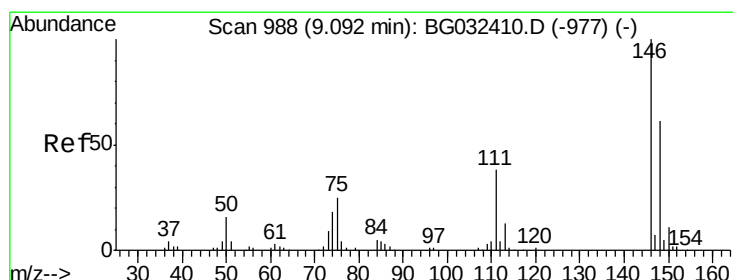
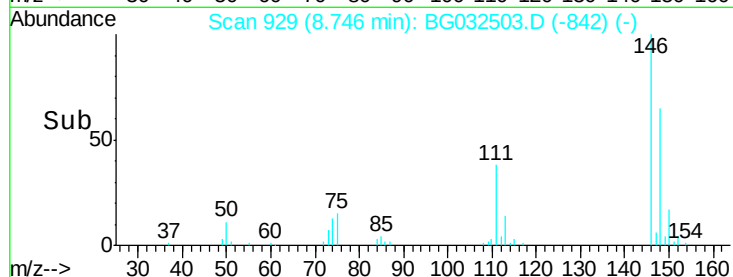
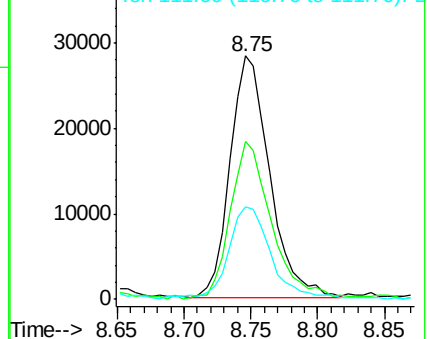
111 38.3 35.2 52.8



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: 27.747 ng

RT: 9.08 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

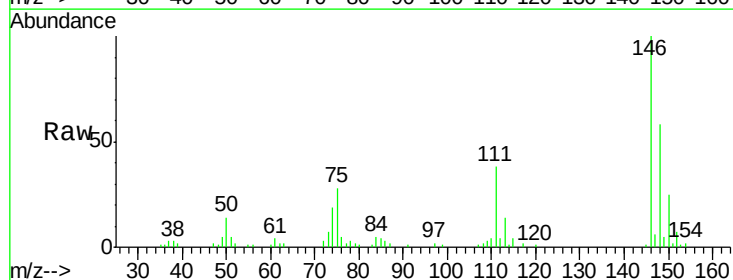
Tgt Ion:146 Resp: 56789

Ion Ratio Lower Upper

146 100

148 58.3 49.3 73.9

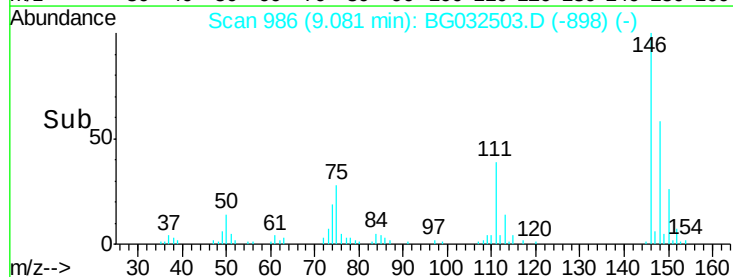
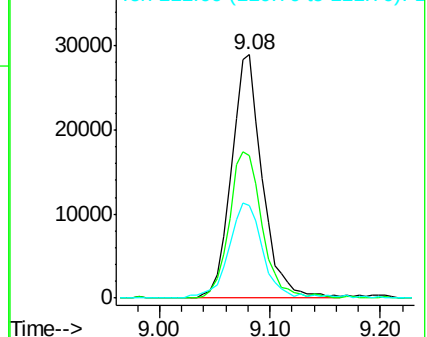
111 38.1 34.3 51.5

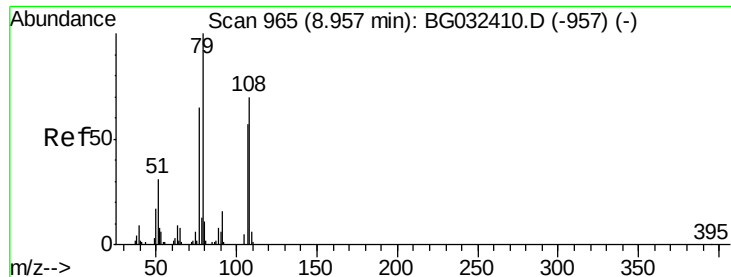


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.412 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

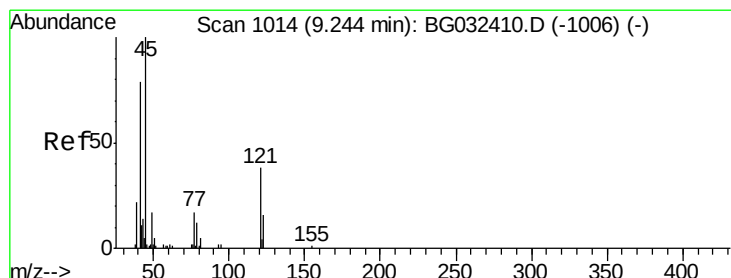
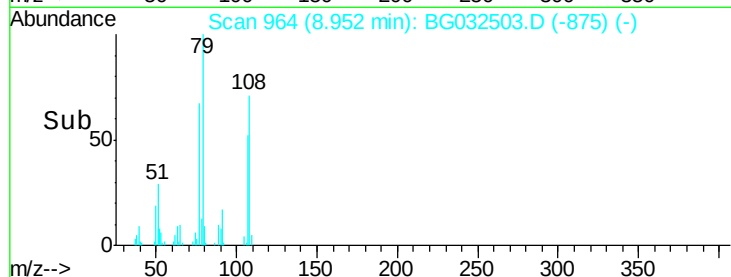
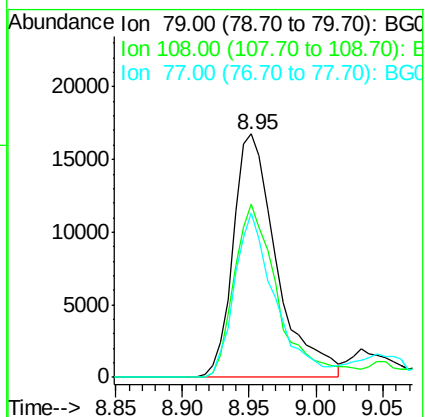
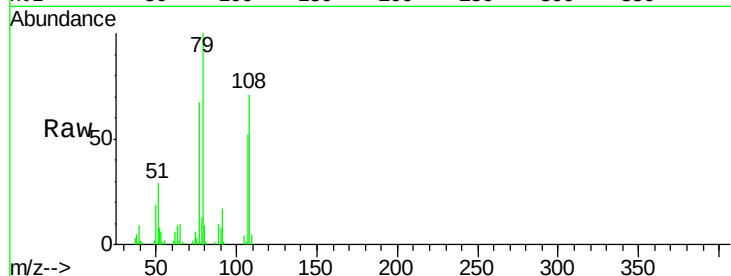
Tot Ion: 79 Resp: 37877

Ion Ratio Lower Upper

79 100

108 71.1 57.2 85.8

77 67.4 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.045 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

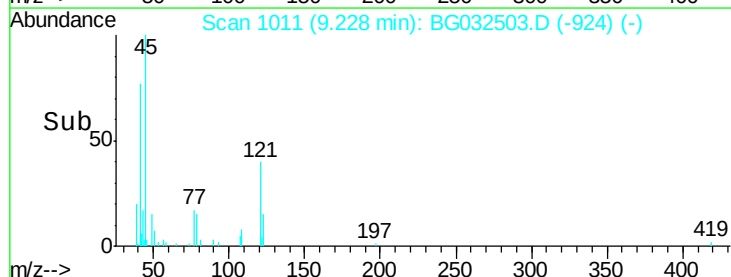
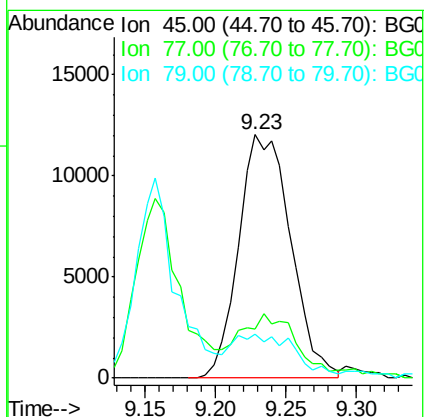
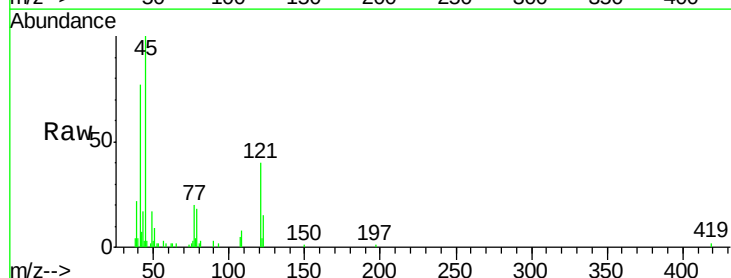
Tgt Ion: 45 Resp: 31073

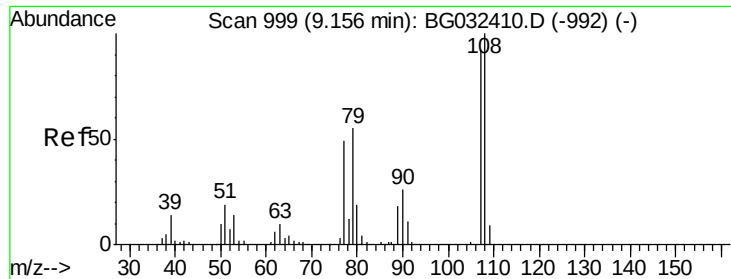
Ion Ratio Lower Upper

45 100

77 20.2 0.0 30.2

79 18.1 0.0 27.9





#17

2-Methylphenol

Concen: 27.538 ng

RT: 9.16 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

Tot Ion:107 Resp: 36958

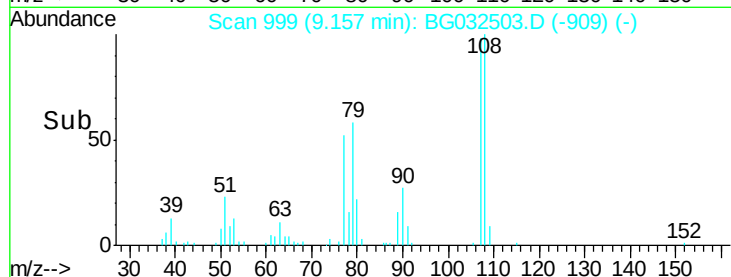
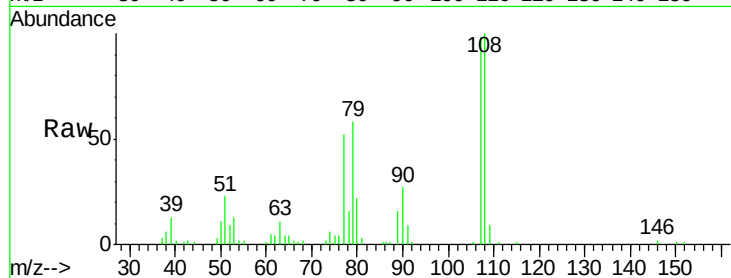
Ion Ratio Lower Upper

107 100

108 101.9 83.9 125.9

77 53.2 37.2 55.8

79 59.1 36.2 54.2#



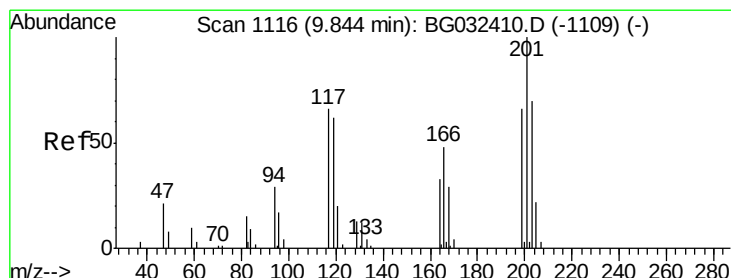
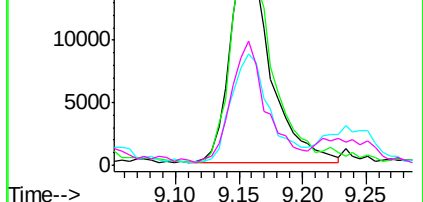
Abundance Ion 107.00 (106.70 to 107.70): E

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: 28.757 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

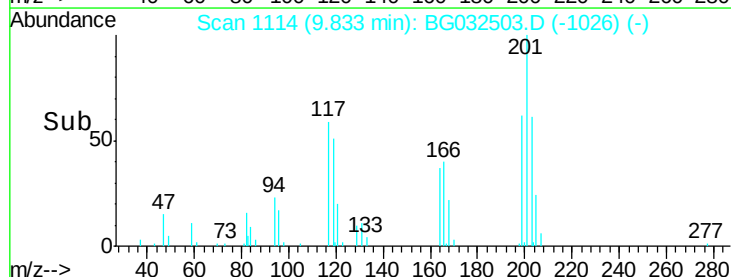
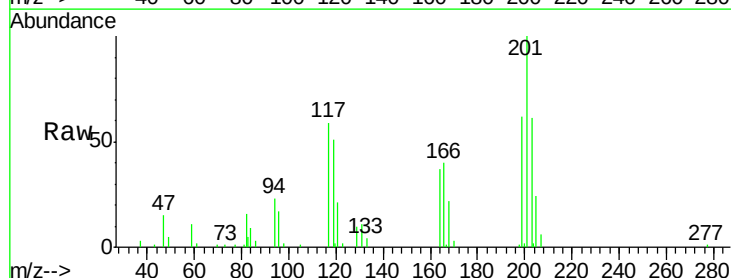
Tgt Ion:117 Resp: 20172

Ion Ratio Lower Upper

117 100

119 89.1 76.7 115.1

201 168.2 95.7 143.5#

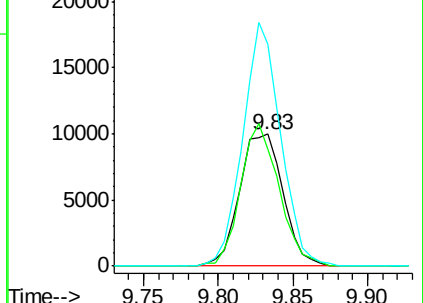


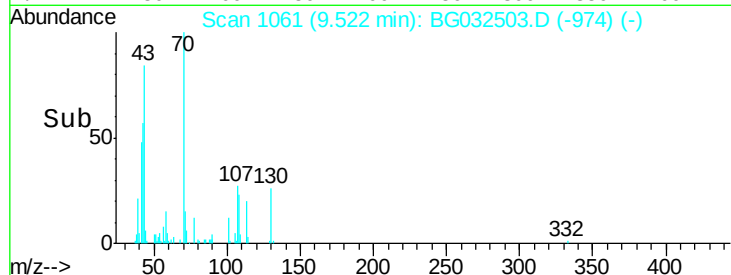
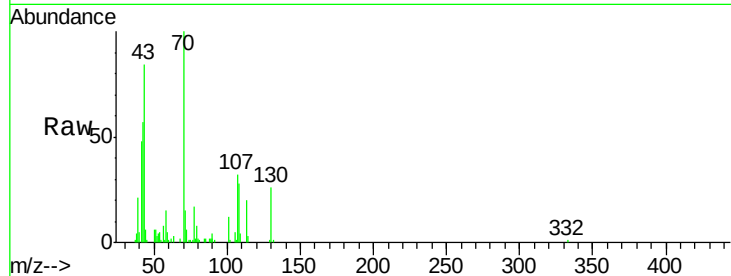
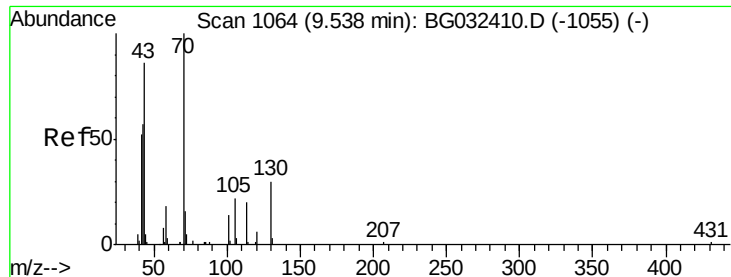
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

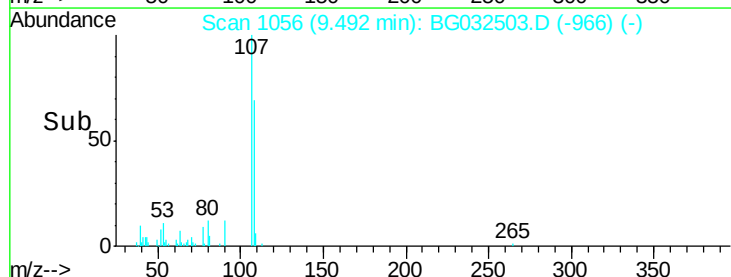
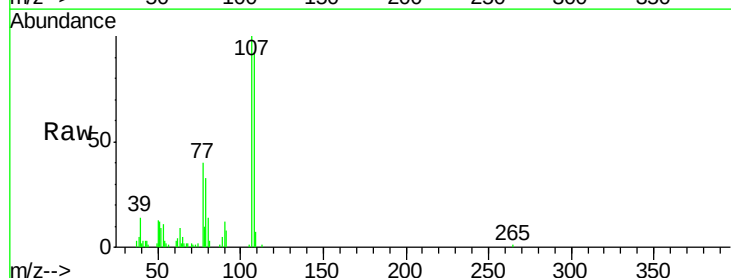
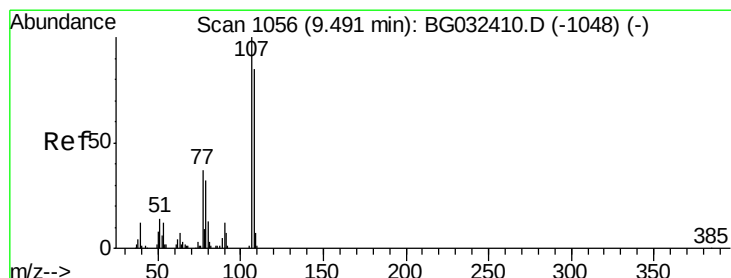
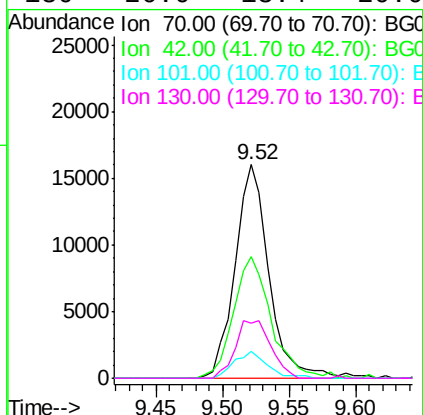




#19
n-Nitroso-di-n-propylamine
Concen: 24.274 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

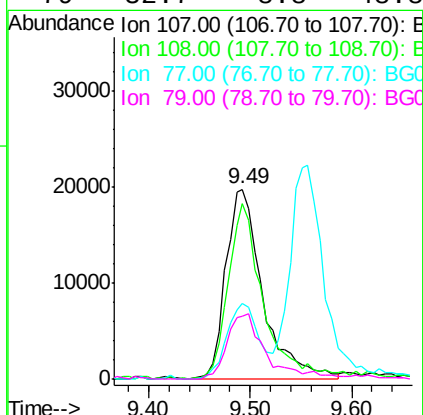
Instrument :
BNA_G
ClientSampleId :
PB106258BS

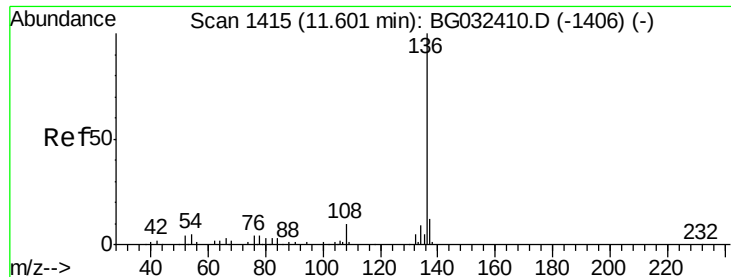
Tot Ion: 70 Resp: 28005
Ion Ratio Lower Upper
70 100
42 57.1 49.1 73.7
101 12.4 8.5 12.7
130 26.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 26.691 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion: 107 Resp: 50247
Ion Ratio Lower Upper
107 100
108 92.1 61.6 101.6
77 39.7 13.9 53.9
79 32.7 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

Tot Ion:136 Resp: 103338

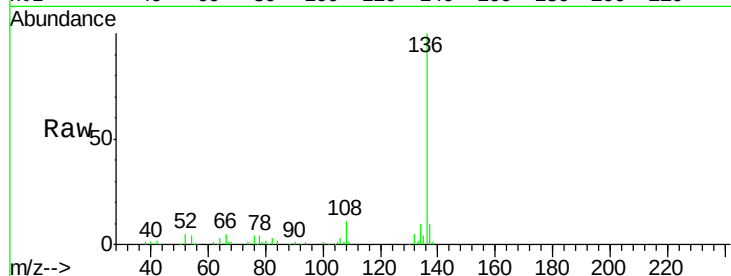
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 4.4 10.3 15.5#

68 1.2 4.5 6.7#

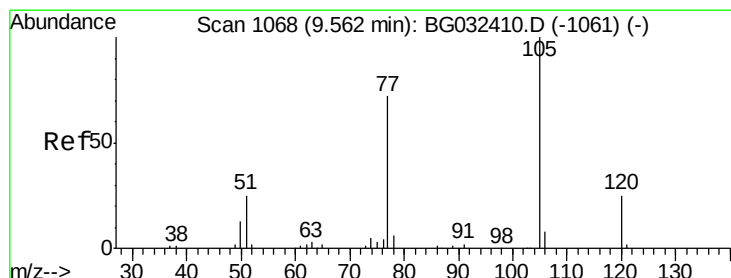
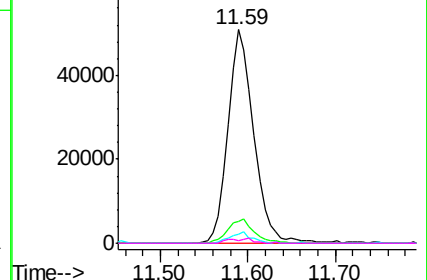
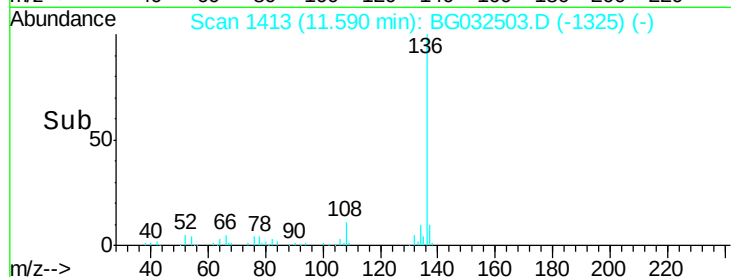


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 27.640 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Tgt Ion:105 Resp: 66955

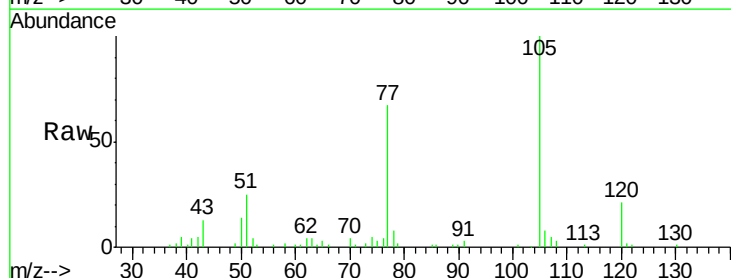
Ion Ratio Lower Upper

105 100

71 0.8 3.0 4.4#

51 25.0 26.1 39.1#

120 21.3 17.4 26.2

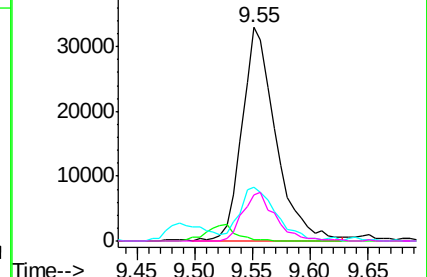
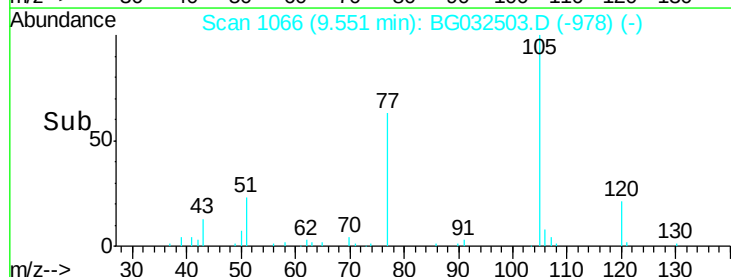


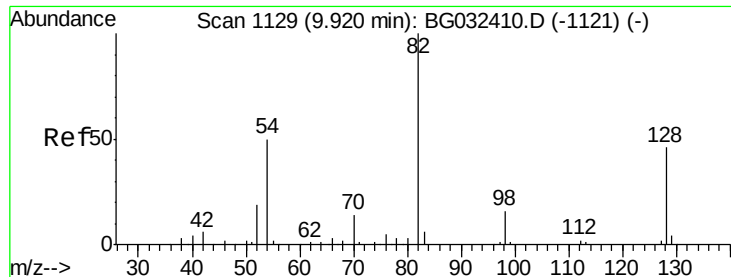
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

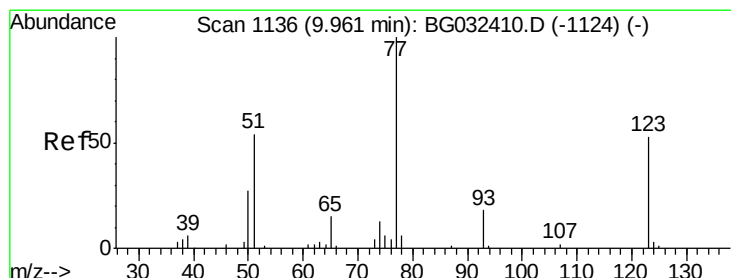
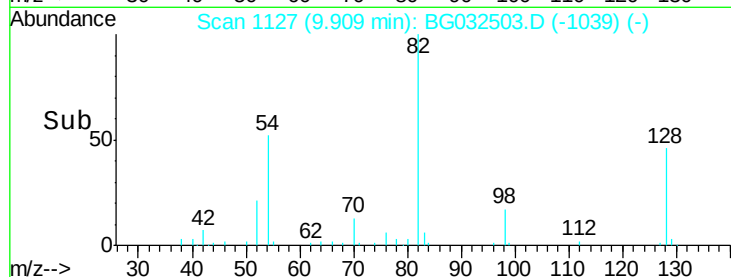
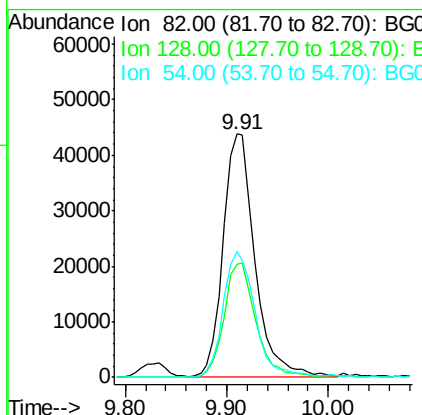
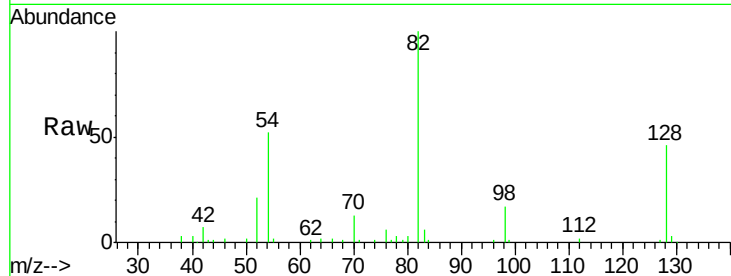




#23
 Nitrobenzene-d5
 Concen: 57.820 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

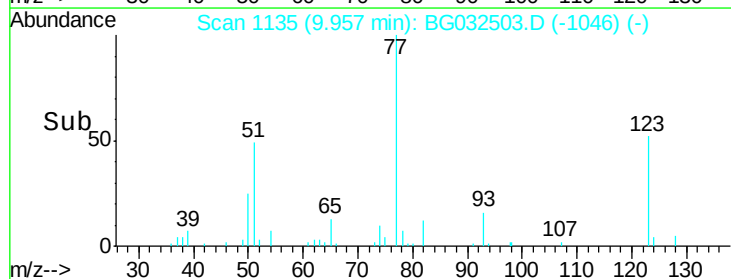
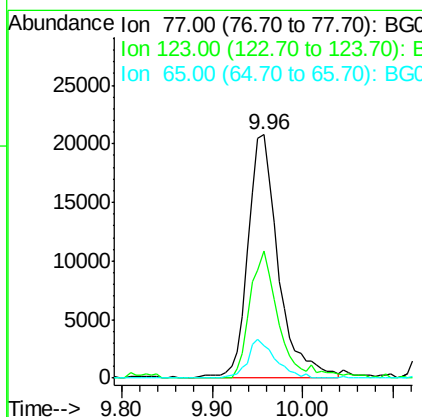
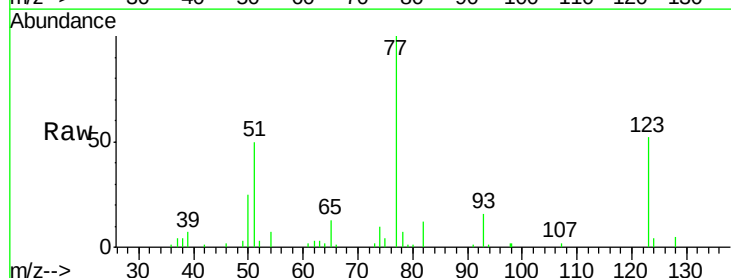
Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

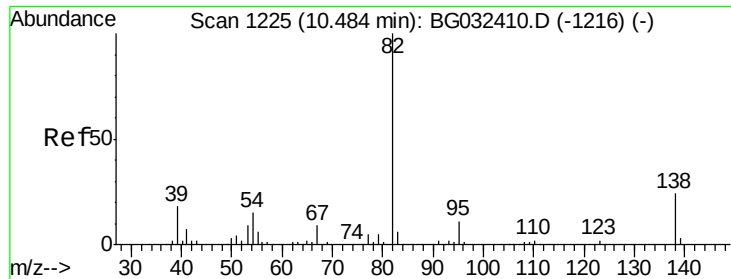
Tot Ion	82	Resp	95661
Ion Ratio	100	Lower	Upper
128	46.3	29.7	44.5#
54	51.9	43.1	64.7



#24
 Nitrobenzene
 Concen: 30.170 ng
 RT: 9.96 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion	77	Resp	48266
Ion Ratio	100	Lower	Upper
123	52.3	33.0	49.6#
65	13.4	13.0	19.6





#25

Isophorone

Concen: 29.273 ng

RT: 10.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

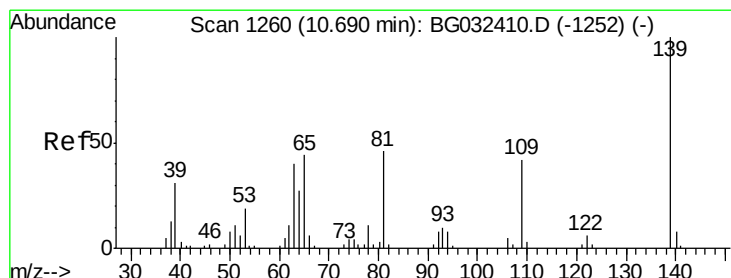
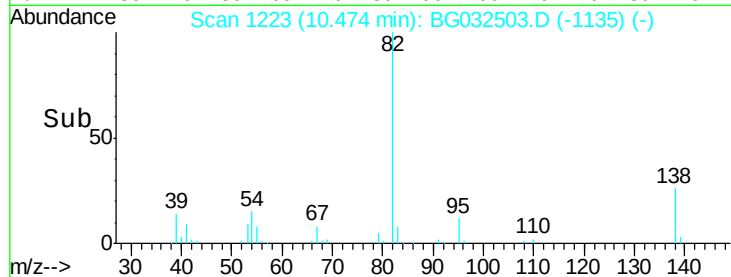
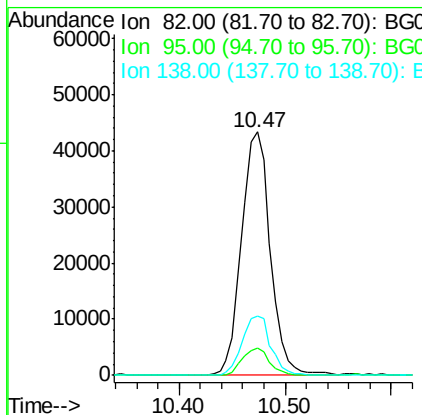
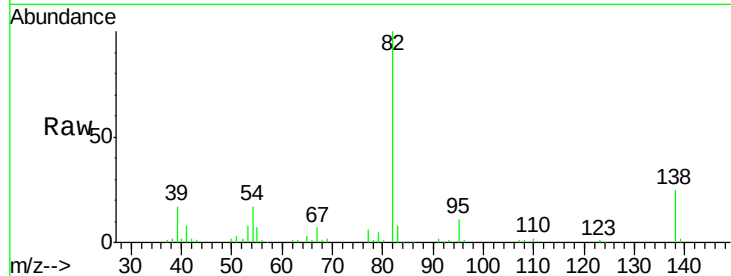
Tot Ion: 82 Resp: 82466

Ion Ratio Lower Upper

82 100

95 11.1 6.2 9.2#

138 24.6 12.1 18.1#



#26

2-Nitrophenol

Concen: 29.674 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

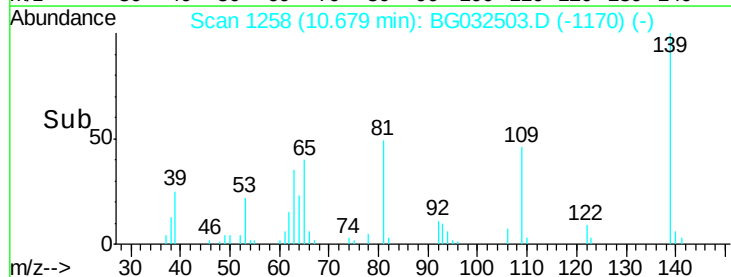
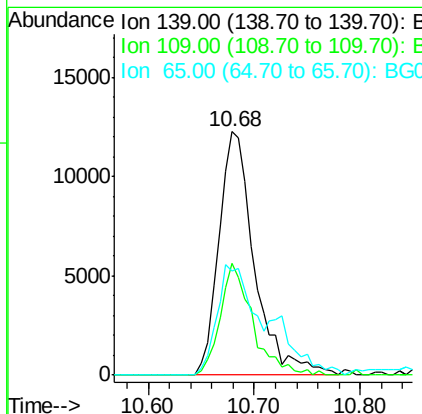
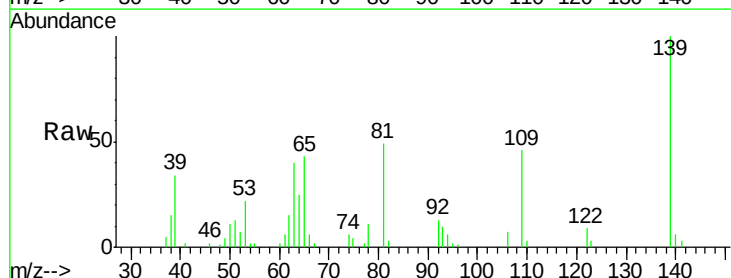
Tgt Ion: 139 Resp: 28697

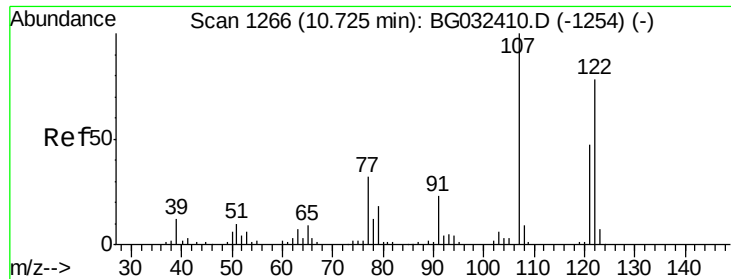
Ion Ratio Lower Upper

139 100

109 45.7 24.2 36.2#

65 42.6 47.4 71.0#

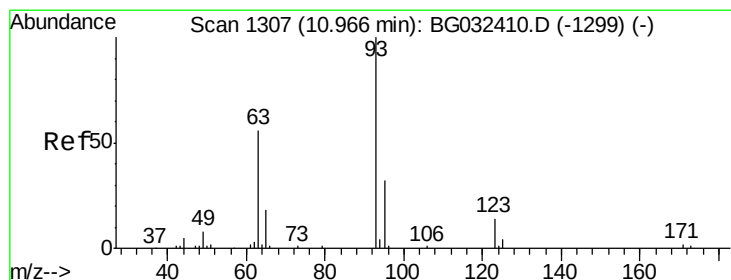
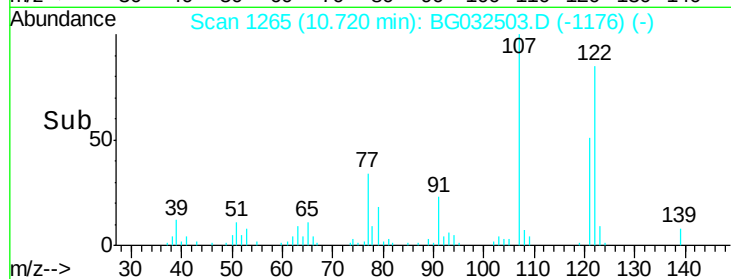
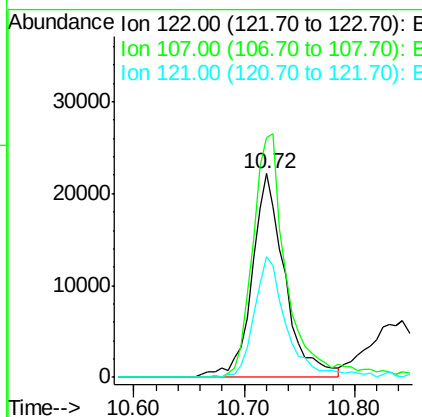
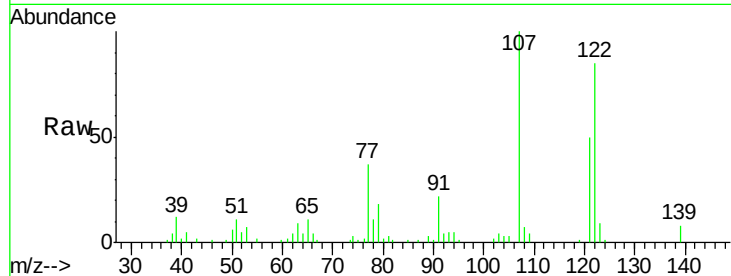




#27
 2,4-Dimethylphenol
 Concen: 33.216 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

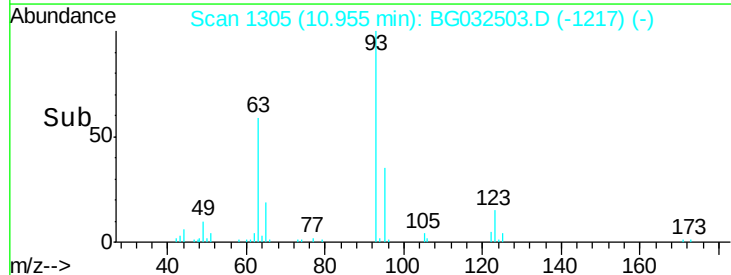
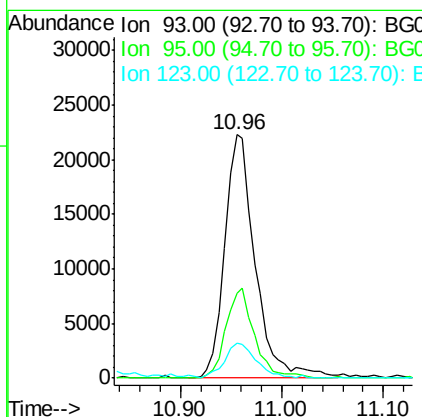
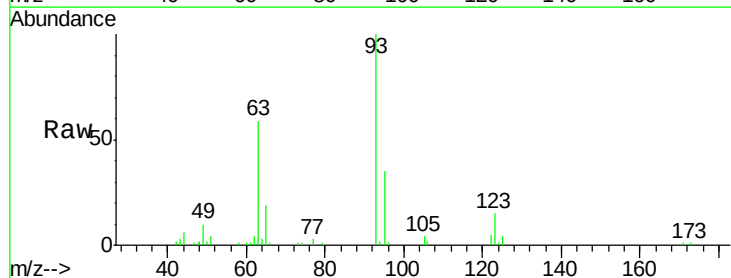
Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

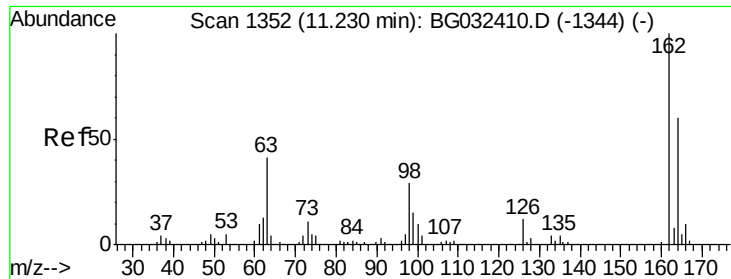
Tot Ion:122 Resp: 46107
 Ion Ratio Lower Upper
 122 100
 107 117.8 100.2 150.2
 121 59.1 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.097 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion: 93 Resp: 46494
 Ion Ratio Lower Upper
 93 100
 95 35.0 24.3 36.5
 123 14.6 8.4 12.6#

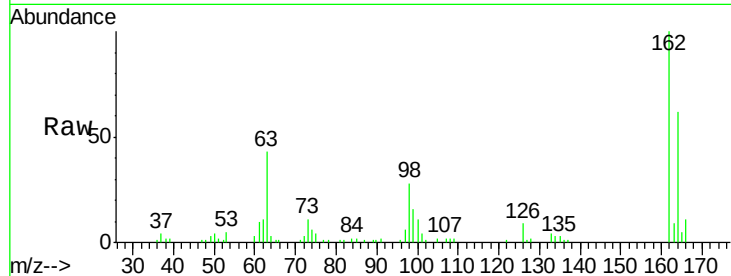




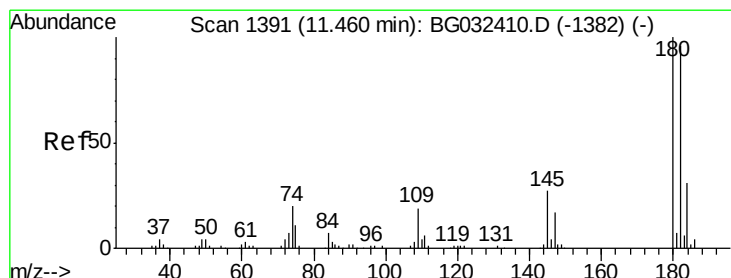
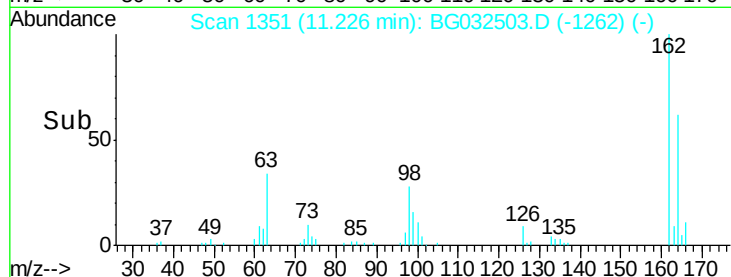
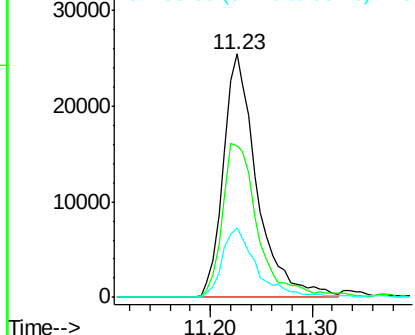
#29
 2,4-Dichlorophenol
 Concen: 31.913 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

Tot Ion:162 Resp: 58682
 Ion Ratio Lower Upper
 162 100
 164 62.0 48.0 88.0
 98 28.3 21.1 61.1

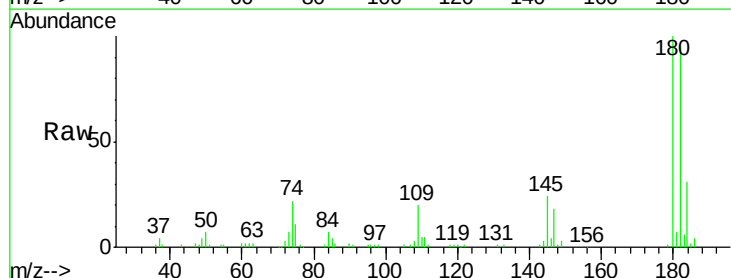


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

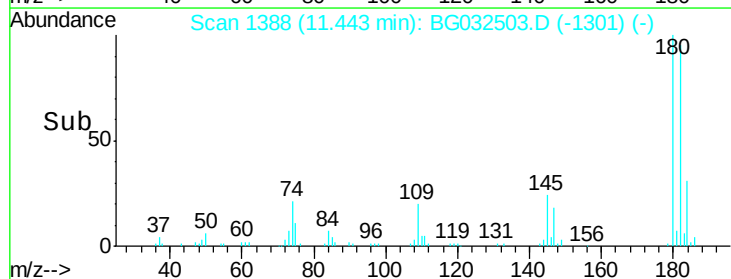
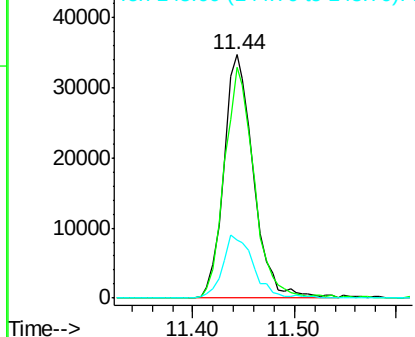


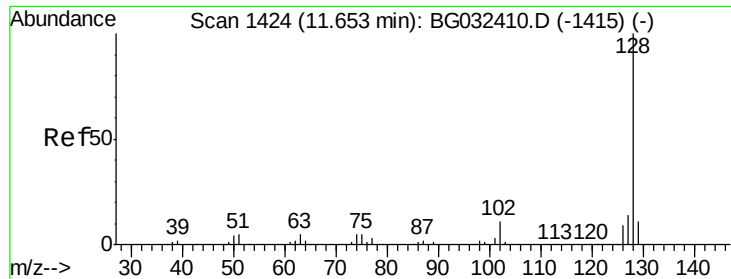
#30
 1,2,4-Trichlorobenzene
 Concen: 28.603 ng
 RT: 11.44 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion:180 Resp: 70100
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.5 116.3
 145 23.6 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

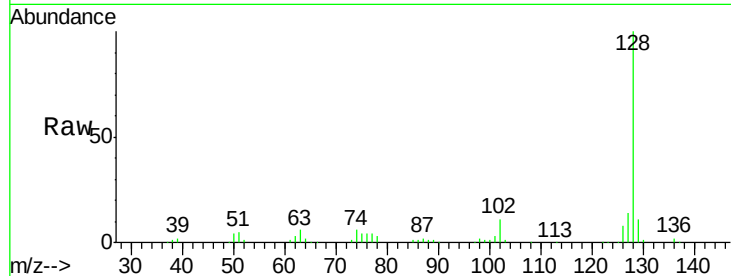




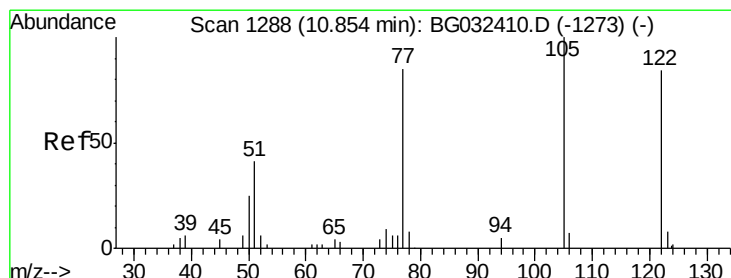
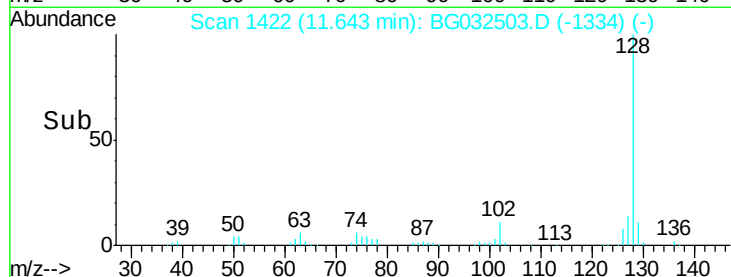
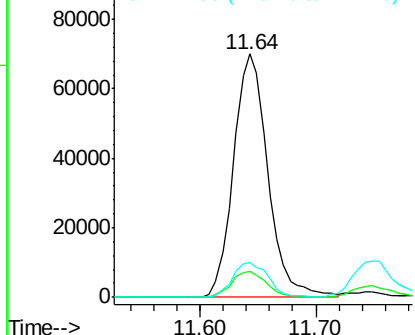
#31
Naphthalene
Concen: 28.659 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB106258BS

Tot Ion:128 Resp: 144643
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 14.3 11.6 17.4

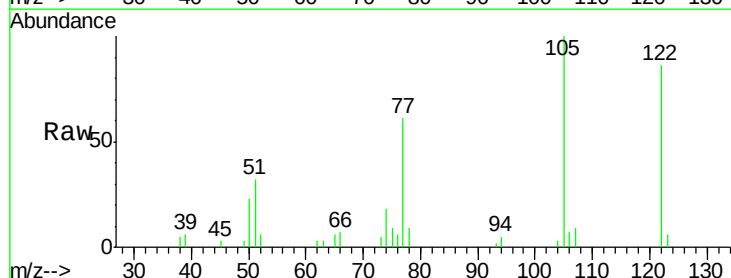


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

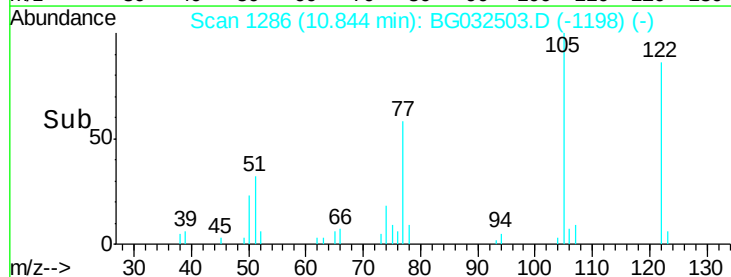
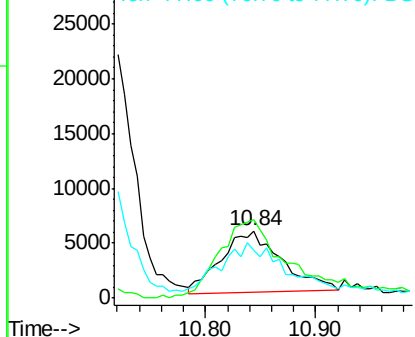


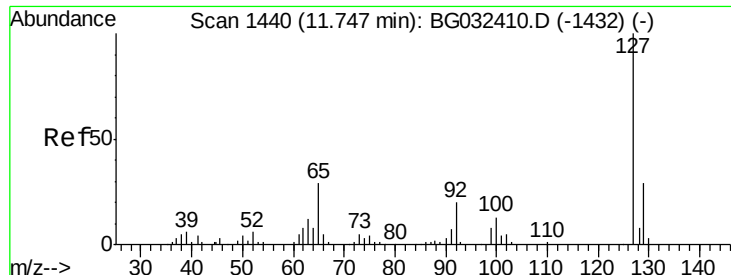
#32
Benzoic acid
Concen: 24.517 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion:122 Resp: 21037
Ion Ratio Lower Upper
122 100
105 116.0 123.5 163.5#
77 70.7 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

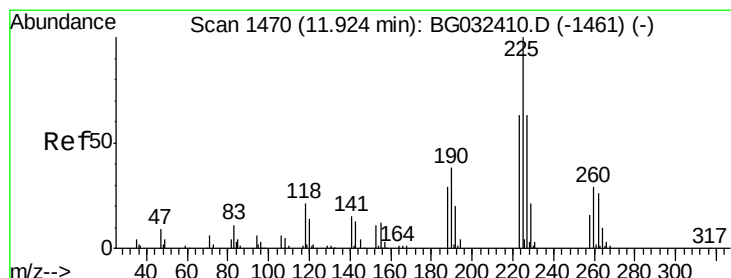
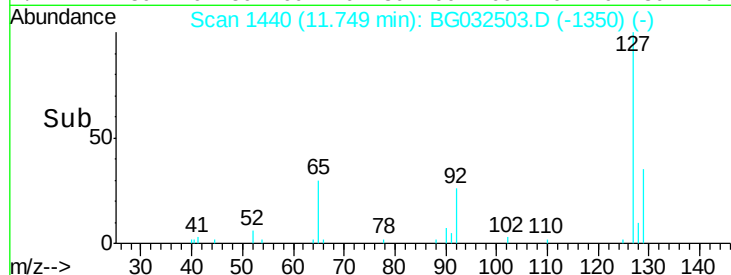
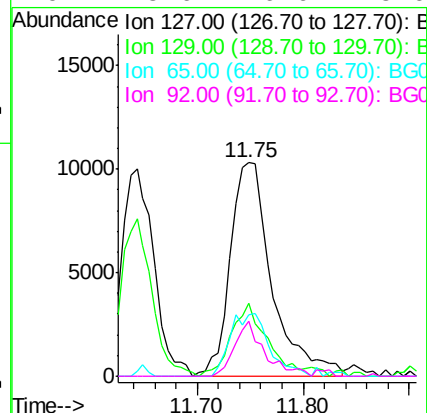
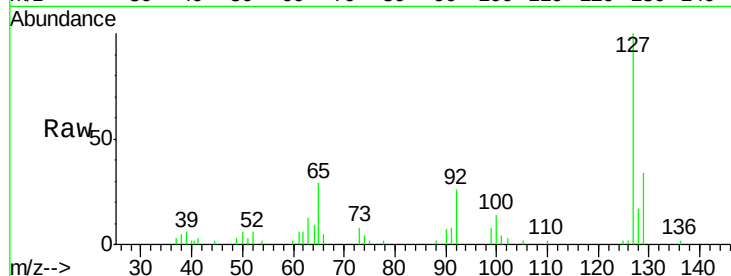




#33
4-Chloroaniline
Concen: 12.521 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

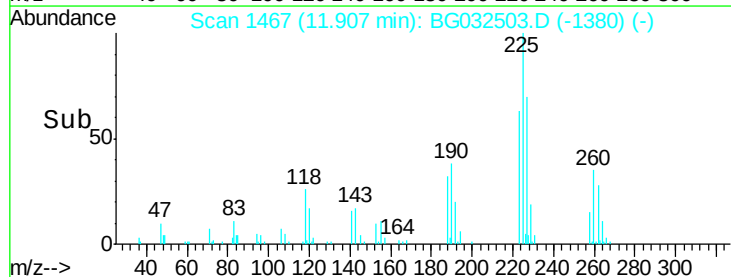
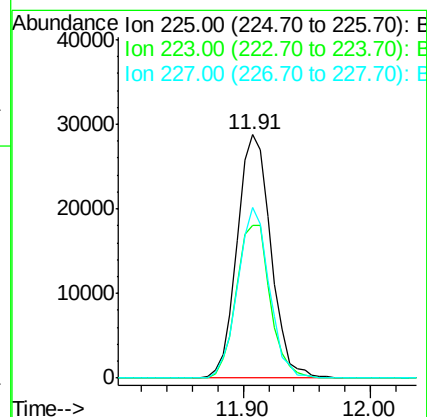
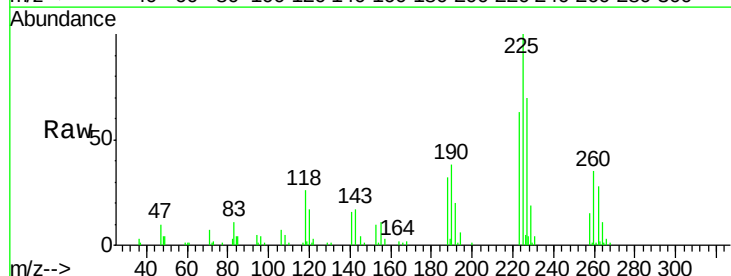
Instrument :
BNA_G
ClientSampleId :
PB106258BS

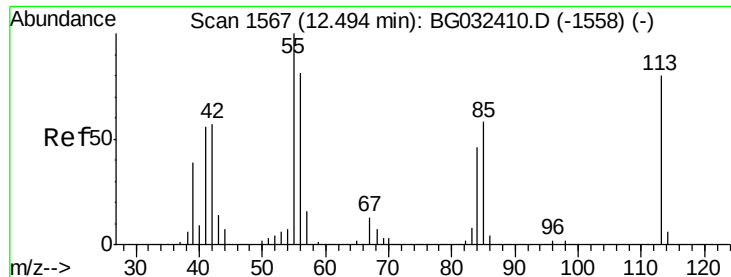
Tot Ion:	127	Resp:	28185
Ion	Ratio	Lower	Upper
127	100		
129	34.3	24.0	36.0
65	28.8	27.0	40.4
92	25.6	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 27.695 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion:	225	Resp:	52808
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	70.1	48.1	72.1





#35

Caprolactam

Concen: 29.060 ng

RT: 12.48 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

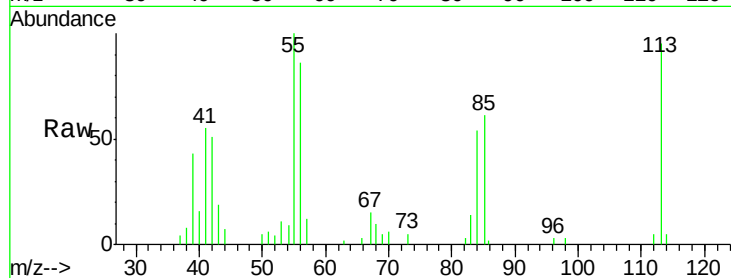
Tot Ion:113 Resp: 15340

Ion Ratio Lower Upper

113 100

55 104.8 186.9 226.9#

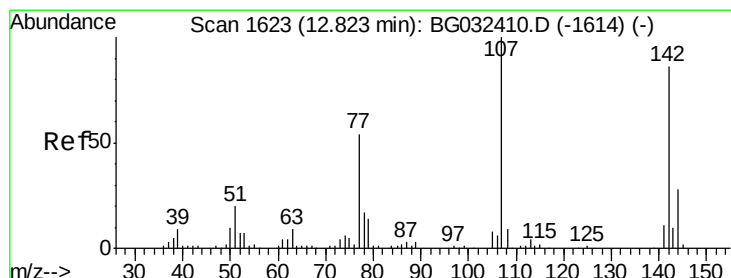
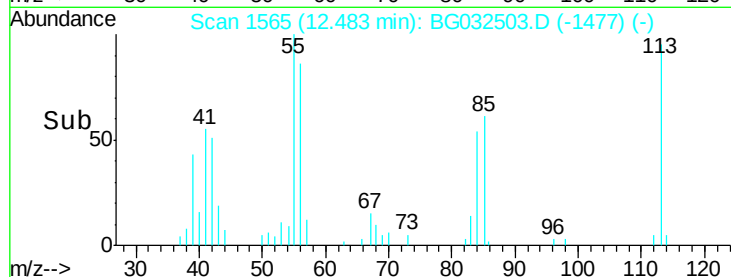
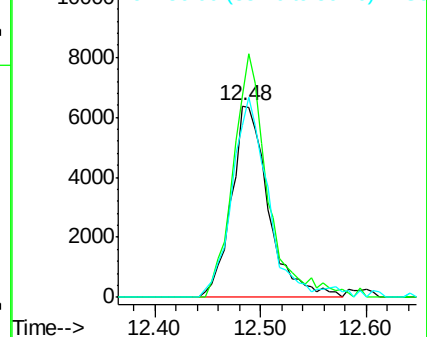
56 89.6 130.9 170.9#



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: 31.415 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

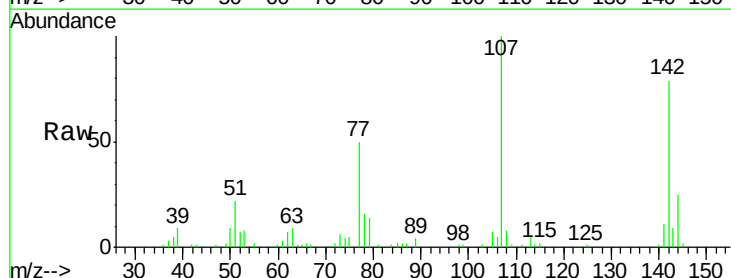
Tgt Ion:107 Resp: 54794

Ion Ratio Lower Upper

107 100

144 25.2 18.2 27.4

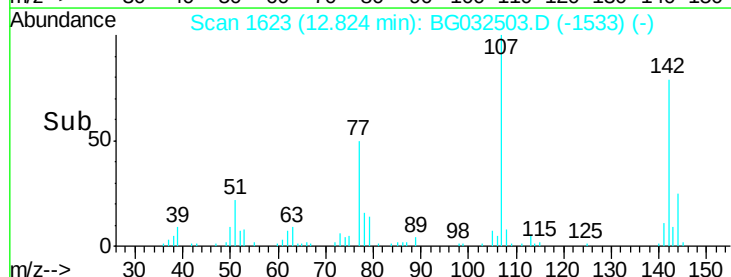
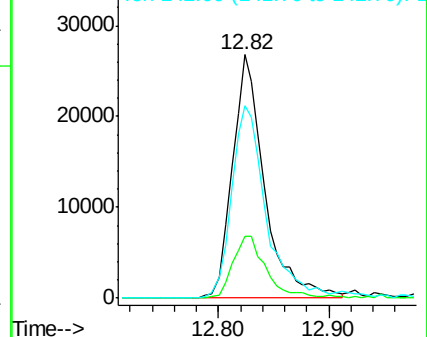
142 78.9 59.0 88.4

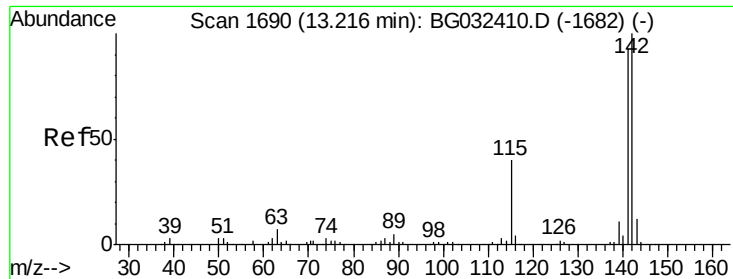


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

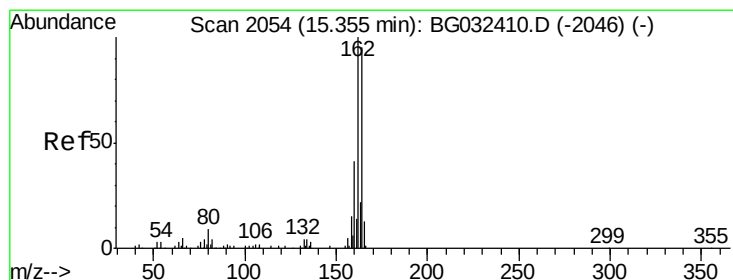
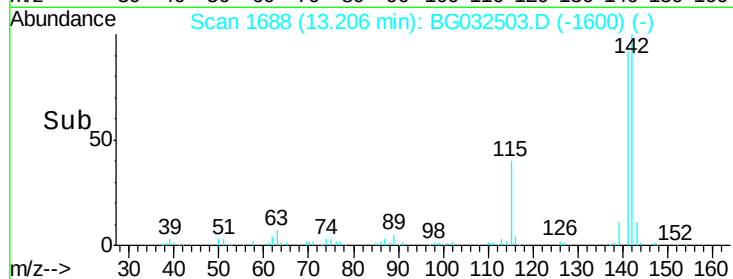
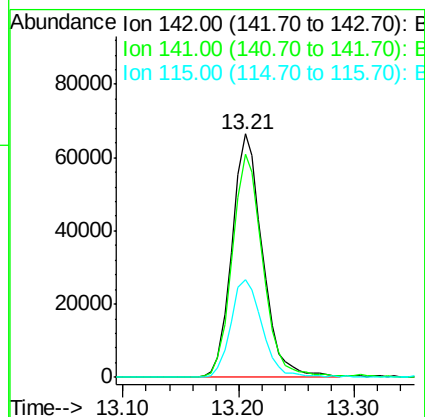
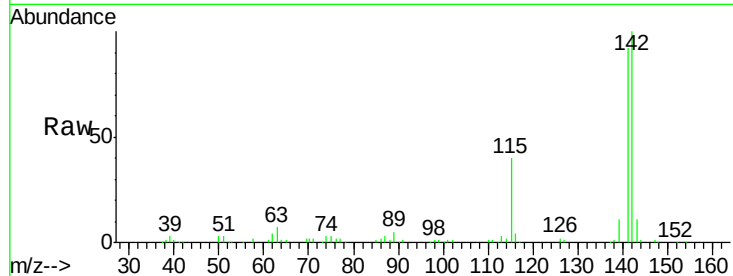




#37
2-Methylnaphthalene
Concen: 28.674 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

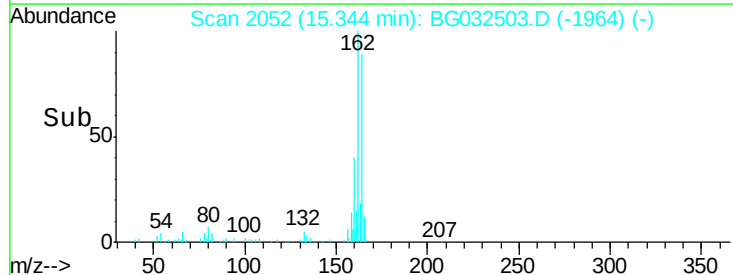
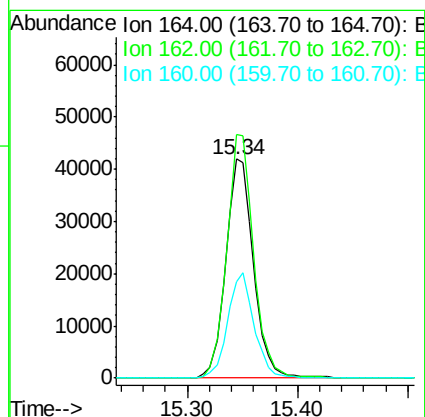
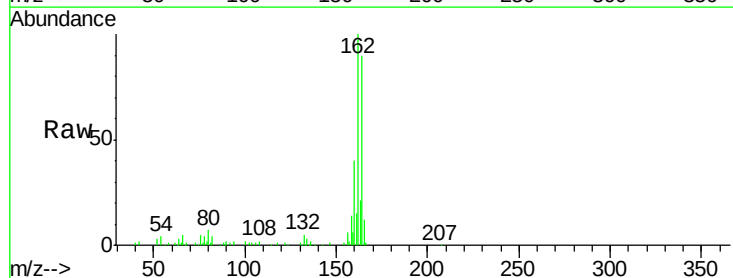
Instrument :
BNA_G
ClientSampleId :
PB106258BS

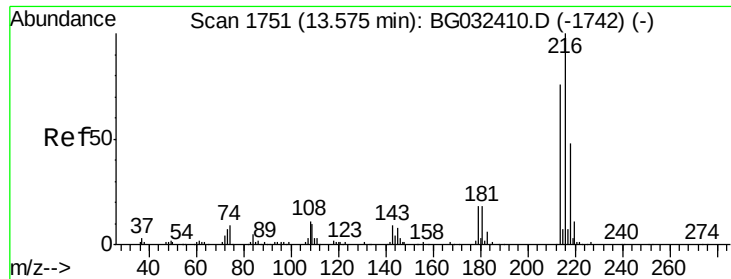
Tot Ion:142 Resp: 121582
Ion Ratio Lower Upper
142 100
141 91.9 67.1 100.7
115 39.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion:164 Resp: 73458
Ion Ratio Lower Upper
164 100
162 111.2 78.8 118.2
160 44.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.675 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

Tot Ion:216 Resp: 98544

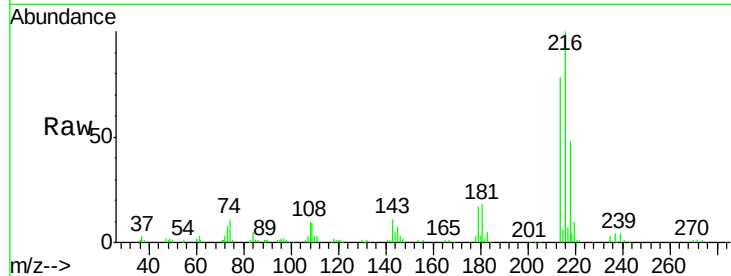
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.4

179 18.0 17.0 25.6

108 12.9 12.8 19.2

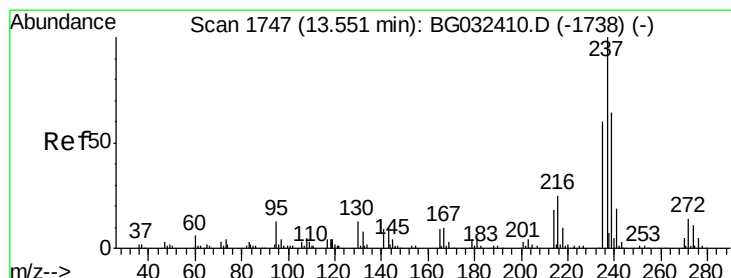
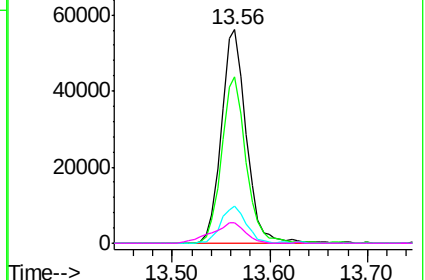
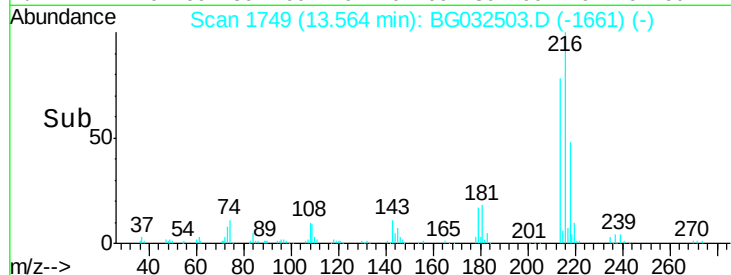


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.106 ng

RT: 13.53 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

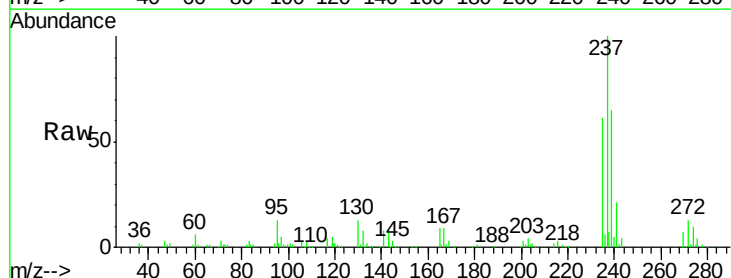
Tgt Ion:237 Resp: 129060

Ion Ratio Lower Upper

237 100

235 61.3 50.4 90.4

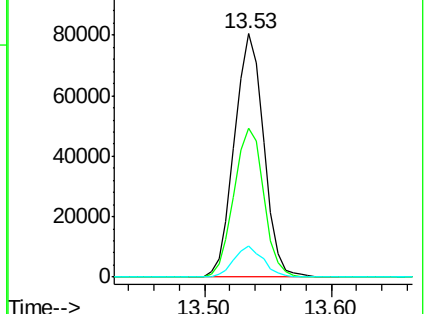
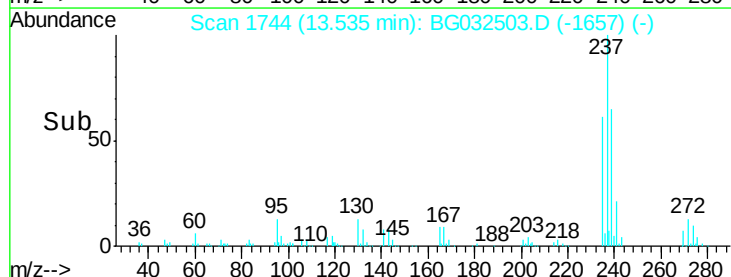
272 12.6 0.0 31.8

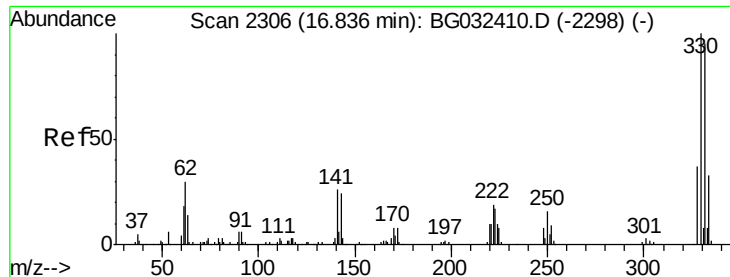


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 93.693 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

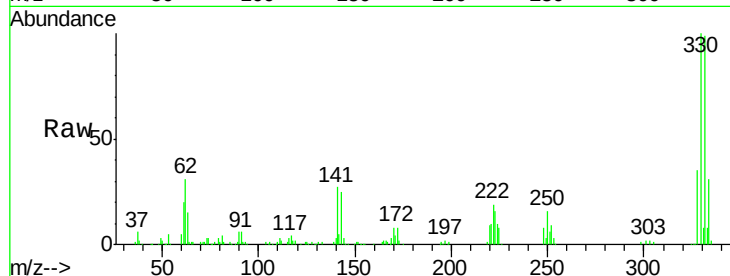
Tot Ion:330 Resp: 131009

Ion Ratio Lower Upper

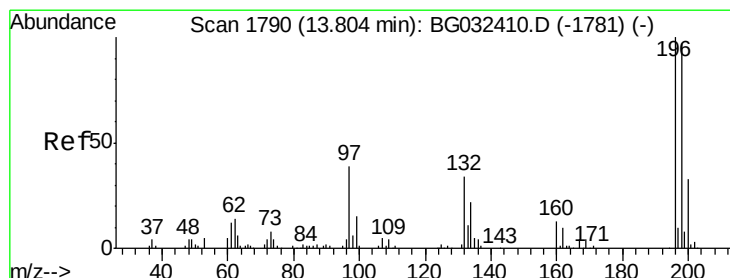
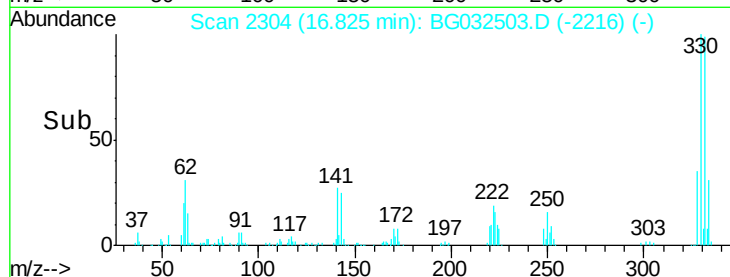
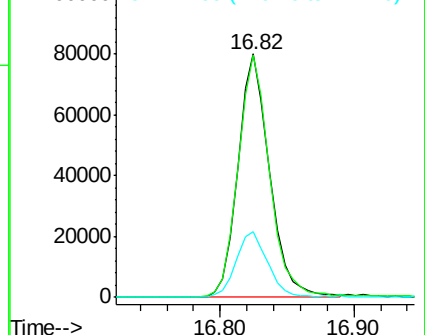
330 100

332 100.6 77.0 115.6

141 27.6 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: 29.855 ng

RT: 13.79 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

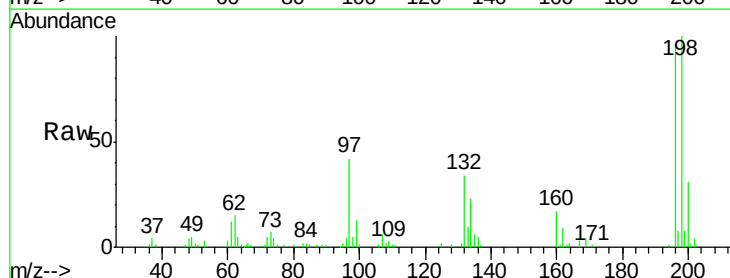
Tgt Ion:196 Resp: 55808

Ion Ratio Lower Upper

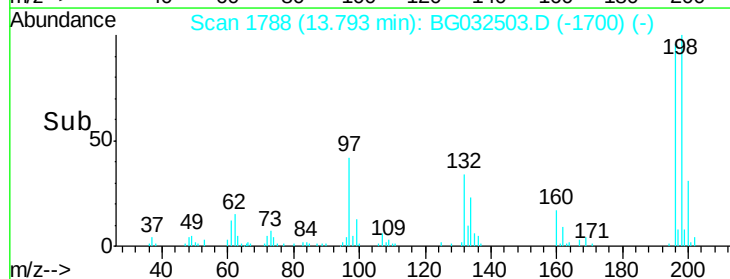
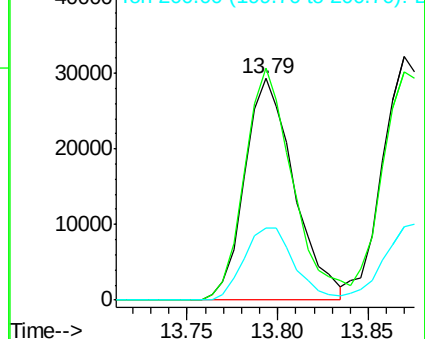
196 100

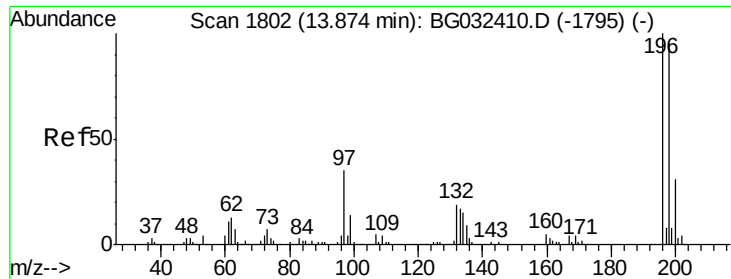
198 104.4 78.2 117.2

200 32.6 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

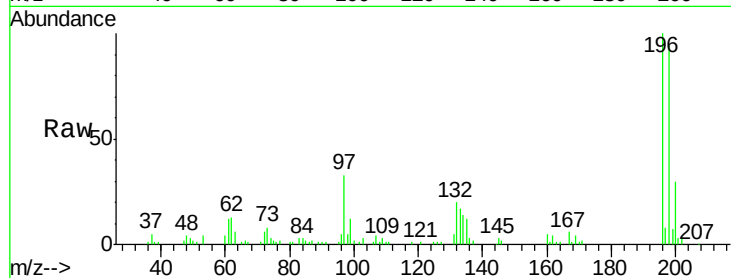




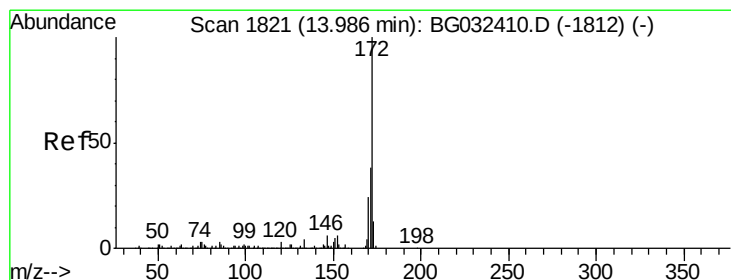
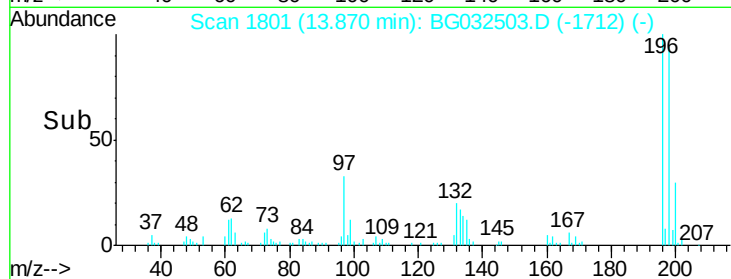
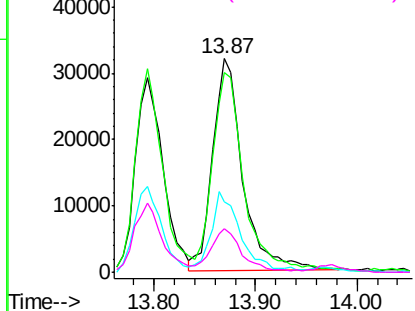
#43
 2,4,5-Trichlorophenol
 Concen: 30.280 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.2	114.4
97	33.2	38.7	58.1#
132	20.4	20.2	30.2

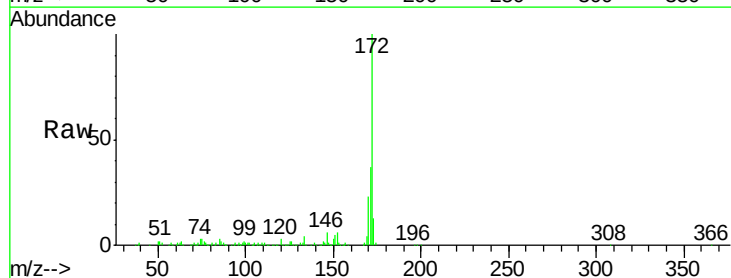


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

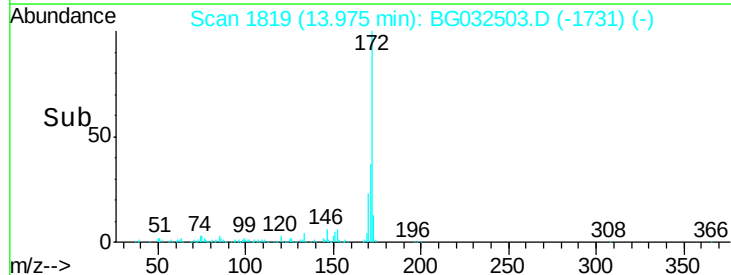
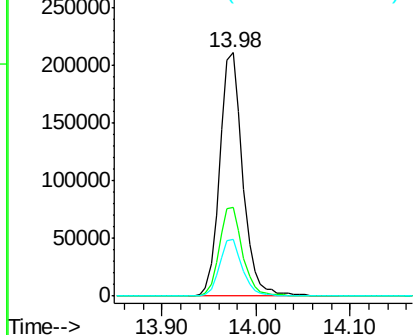


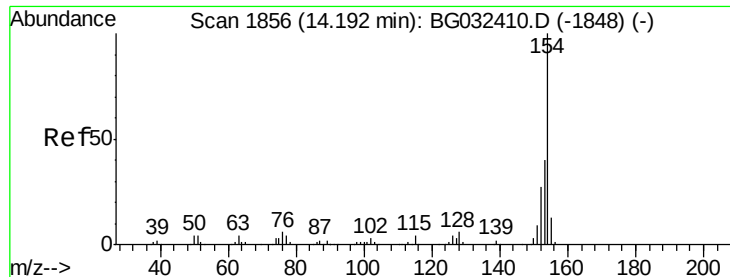
#44
 2-Fluorobiphenyl
 Concen: 58.532 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	23.3	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: 28.690 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

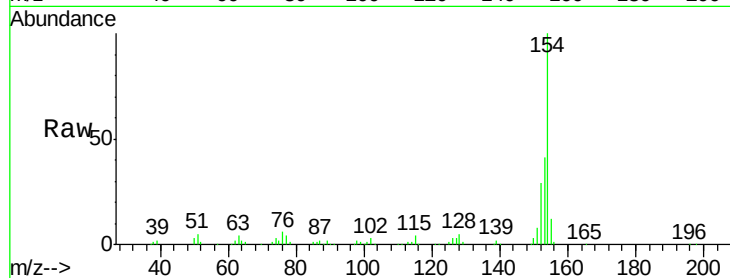
Tot Ion:154 Resp: 178055

Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

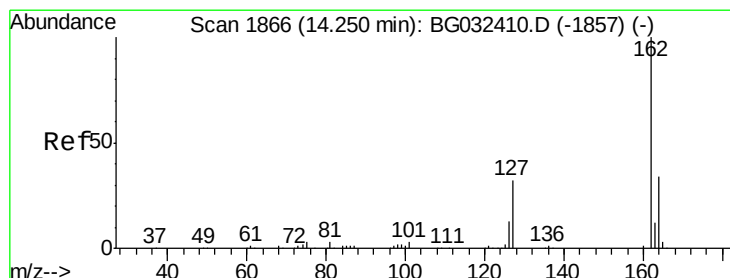
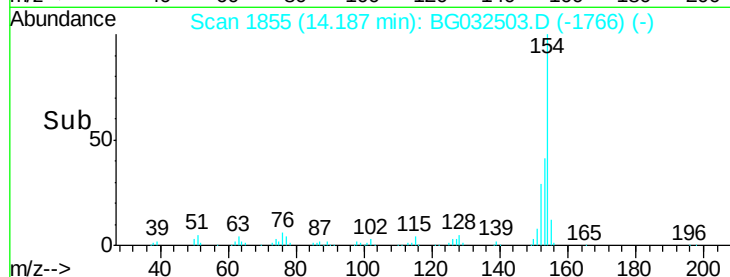
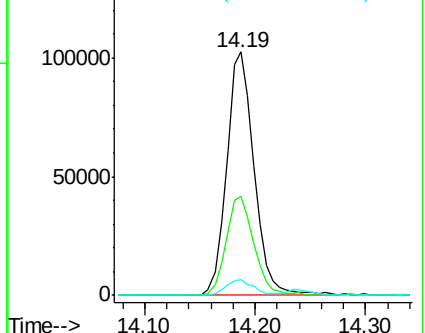
76 6.4 0.0 31.9



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: 28.695 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

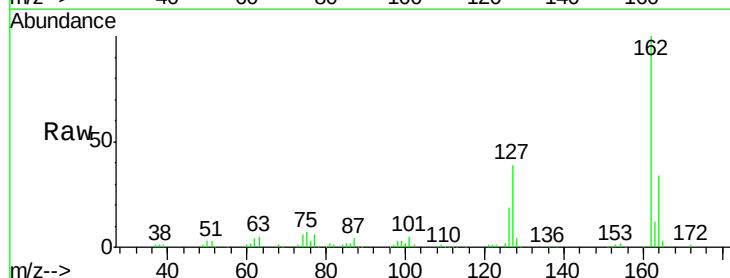
Tgt Ion:162 Resp: 139581

Ion Ratio Lower Upper

162 100

127 38.9 30.7 46.1

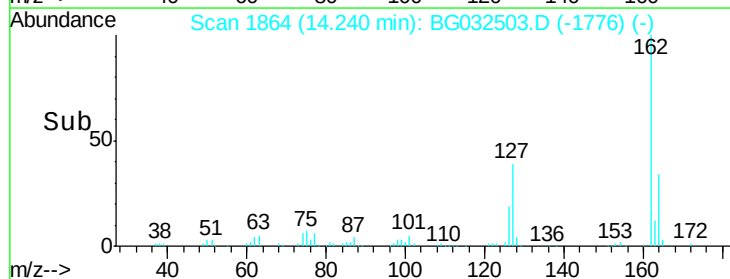
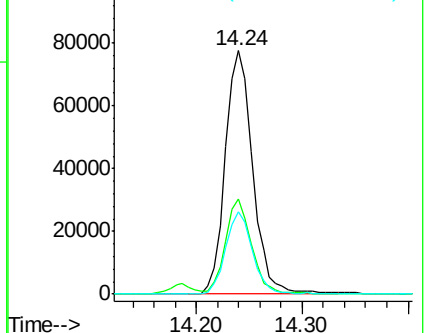
164 33.9 26.0 39.0

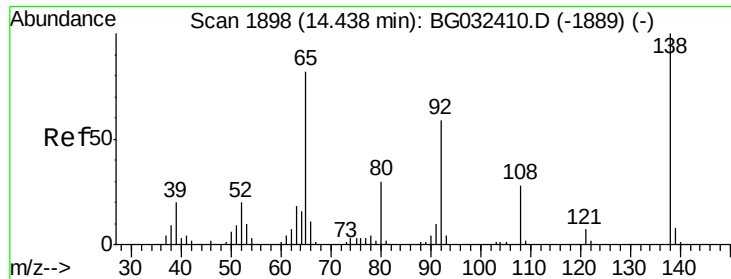


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 29.872 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

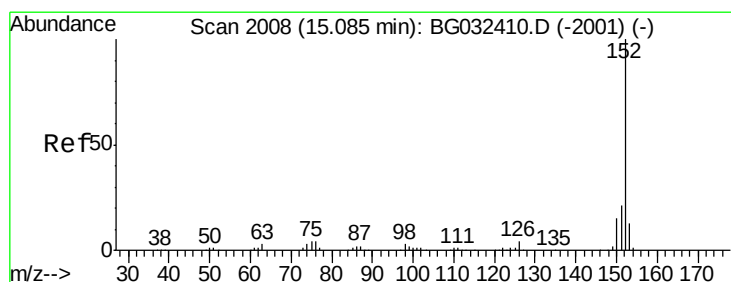
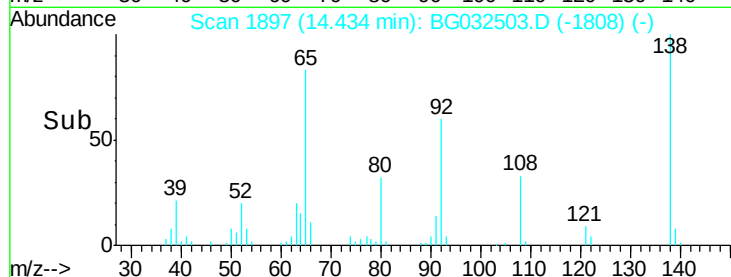
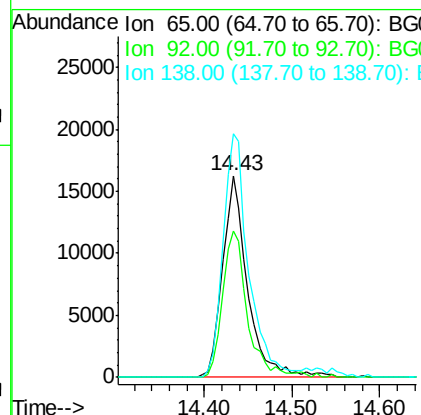
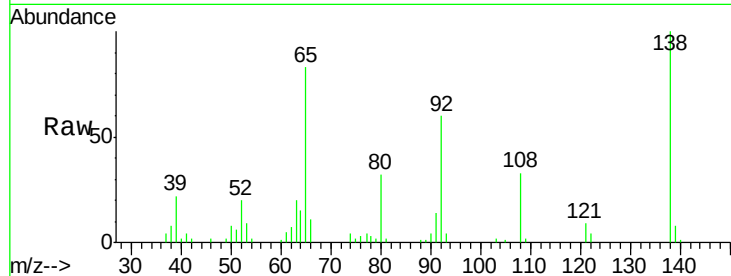
Tot Ion: 65 Resp: 32133

Ion Ratio Lower Upper

65 100

92 72.5 54.6 82.0

138 120.9 72.9 109.3#



#48

Acenaphthylene

Concen: 28.411 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

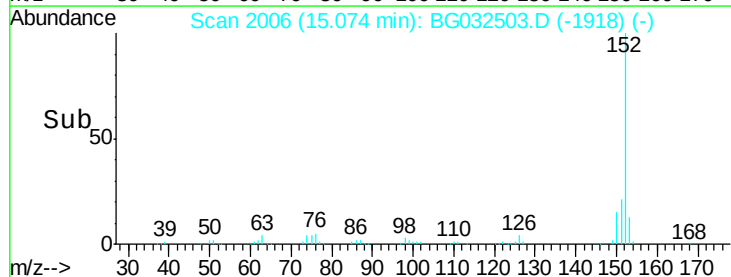
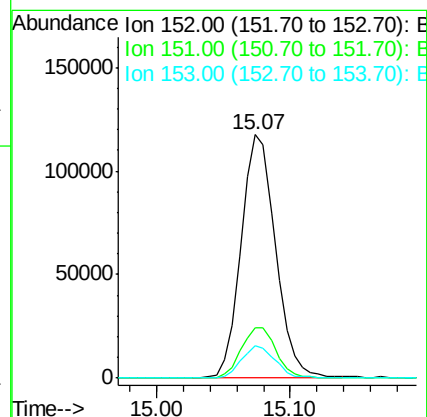
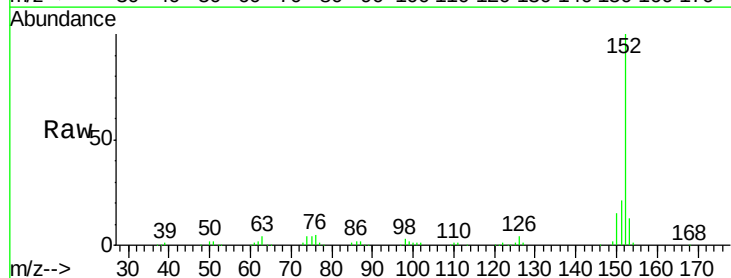
Tgt Ion: 152 Resp: 208925

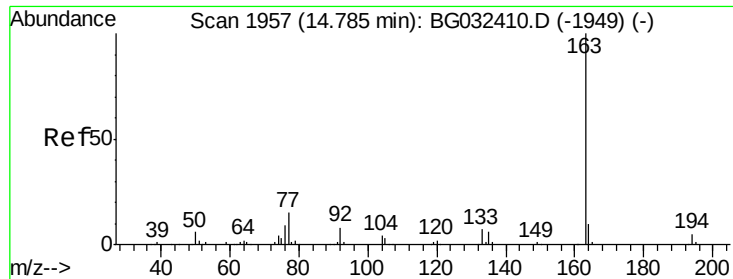
Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 27.932 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

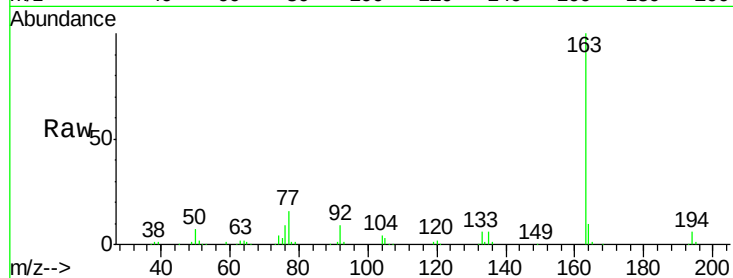
Tot Ion:163 Resp: 189186

Ion Ratio Lower Upper

163 100

194 6.0 3.4 5.2#

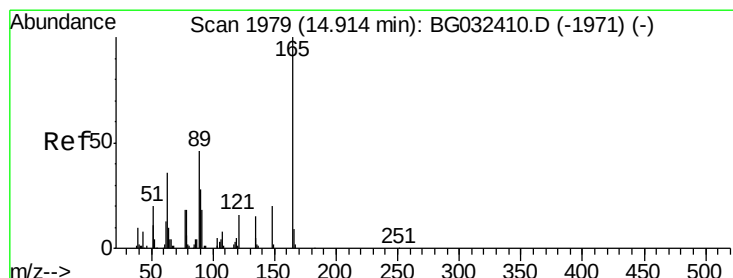
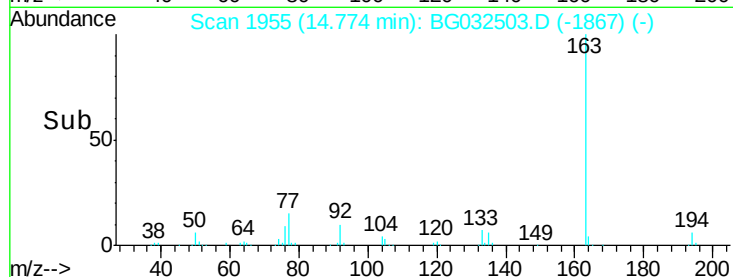
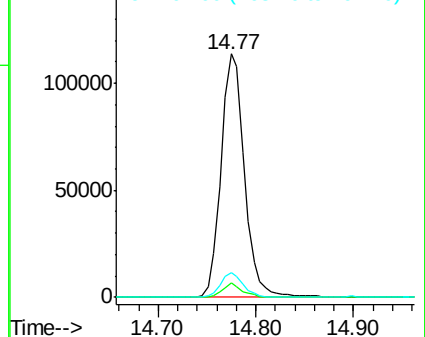
164 10.4 8.2 12.4



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: 30.053 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

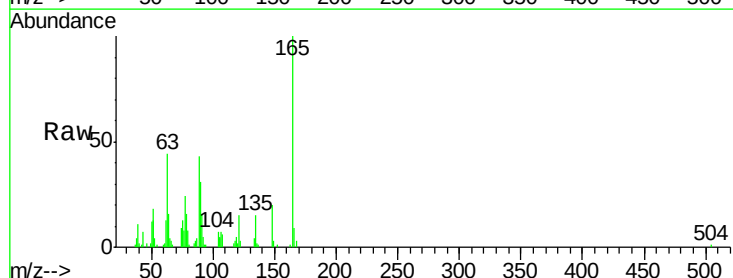
Tgt Ion:165 Resp: 42724

Ion Ratio Lower Upper

165 100

63 43.6 52.7 79.1#

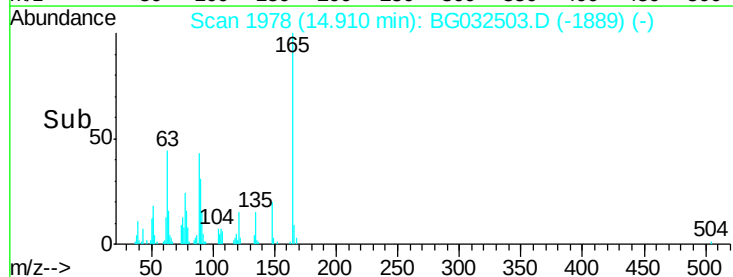
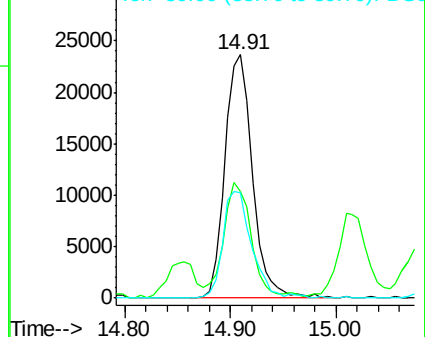
89 43.4 49.2 73.8#

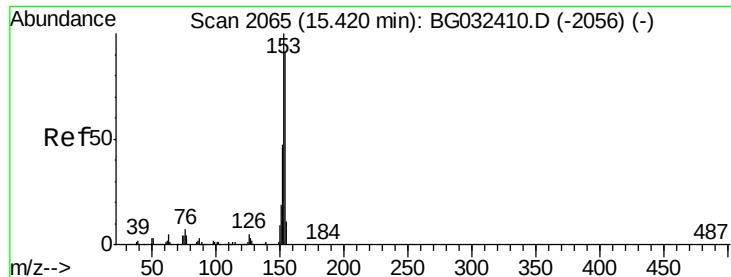


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 30.582 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

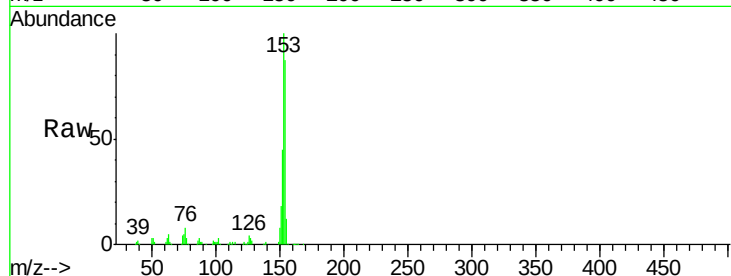
Tot Ion:154 Resp: 155965

Ion Ratio Lower Upper

154 100

153 114.4 90.4 135.6

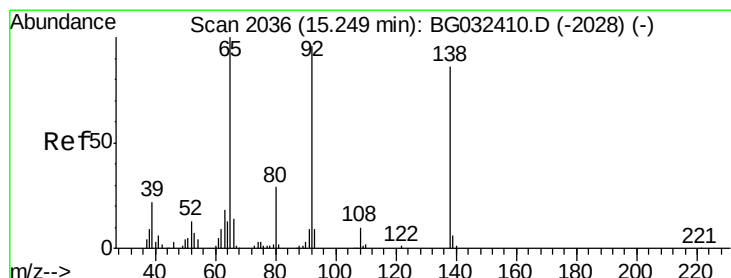
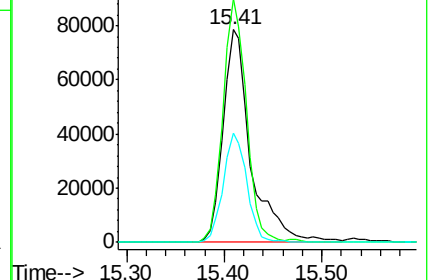
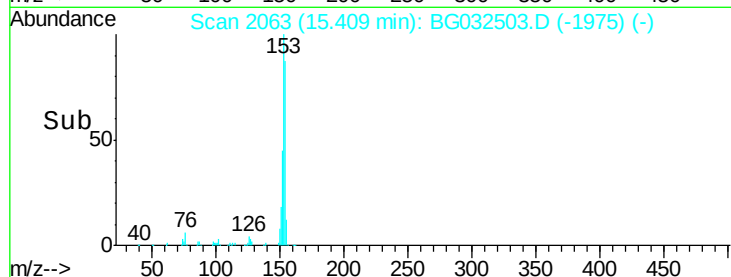
152 51.5 41.6 62.4



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: 17.703 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

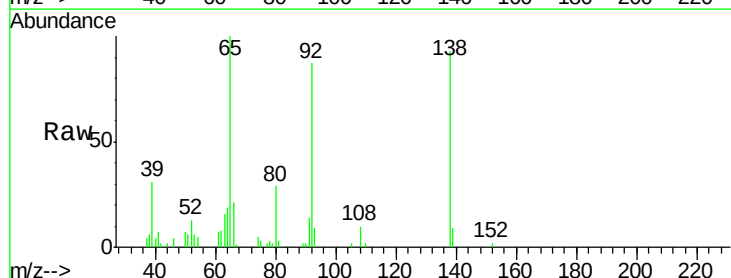
Tgt Ion:138 Resp: 21982

Ion Ratio Lower Upper

138 100

108 11.1 17.5 26.3#

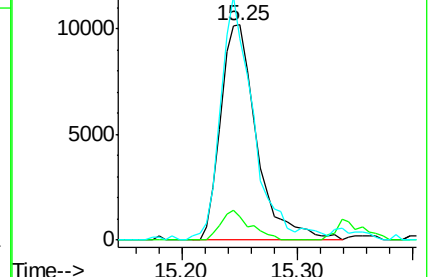
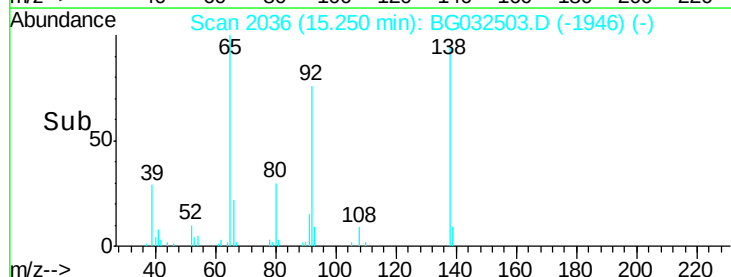
92 93.6 105.8 158.8#

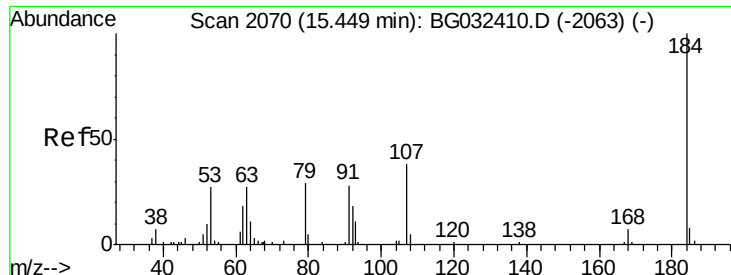


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

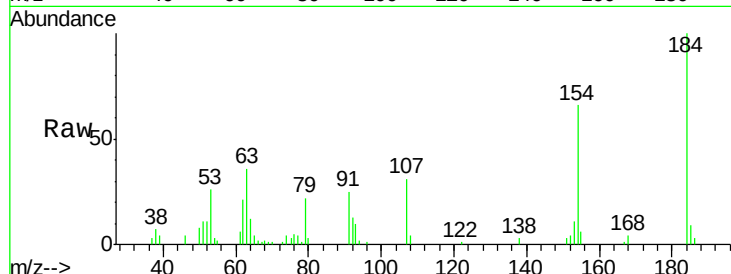




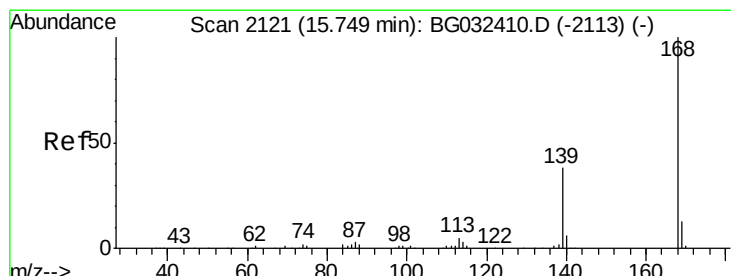
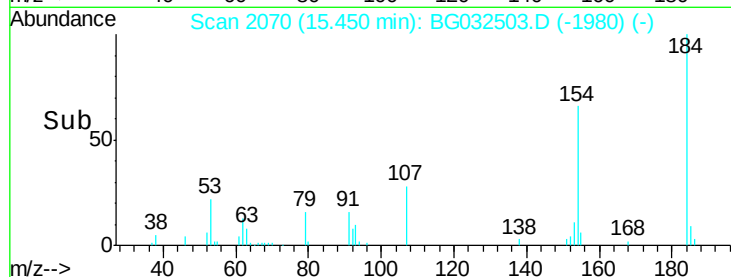
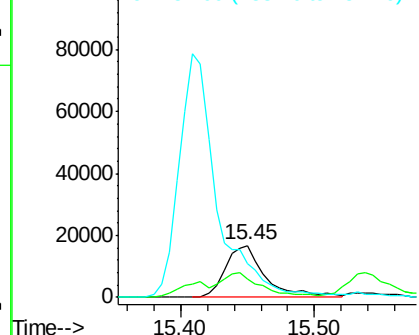
#53
 2,4-Dinitrophenol
 Concen: 41.373 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

Tot Ion:184 Resp: 34860
 Ion Ratio Lower Upper
 184 100
 63 36.1 59.8 89.8#
 154 65.6 101.8 152.8#

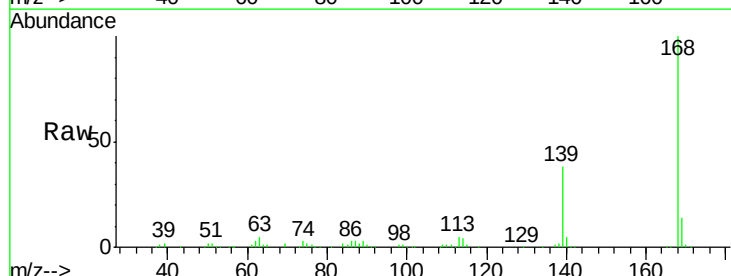


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

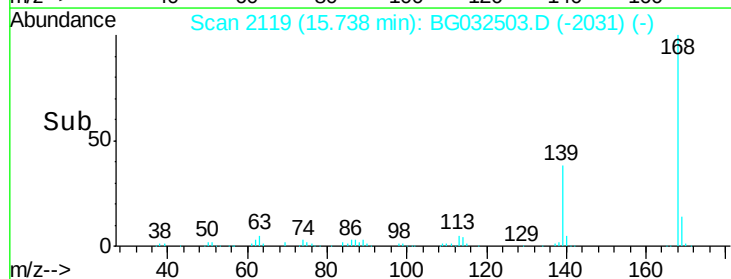
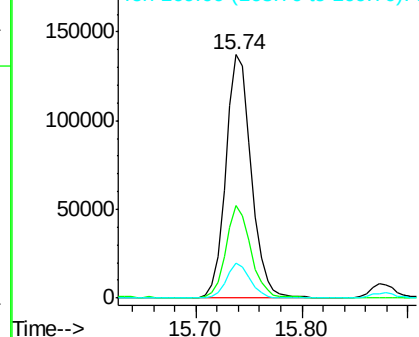


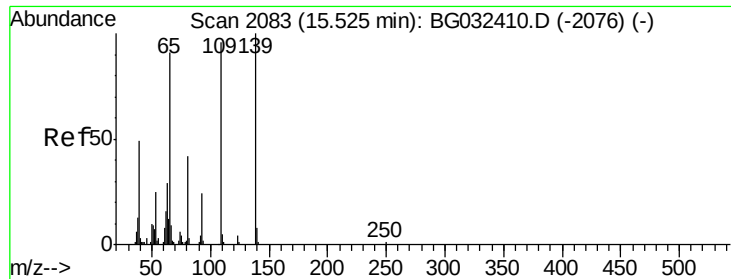
#54
 Dibenzofuran
 Concen: 30.257 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion:168 Resp: 228393
 Ion Ratio Lower Upper
 168 100
 139 37.8 28.6 43.0
 169 14.3 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: 58.164 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

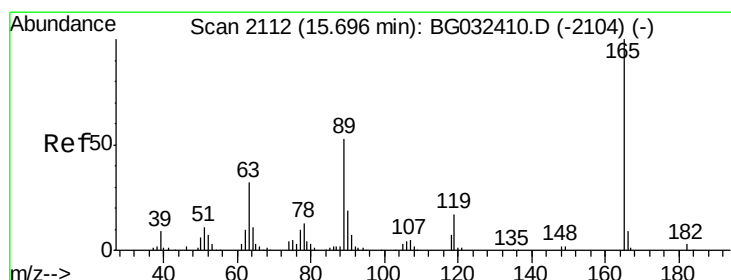
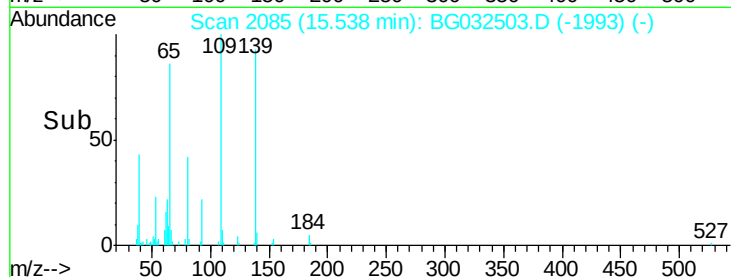
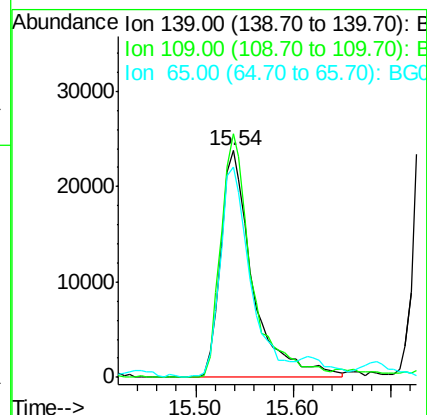
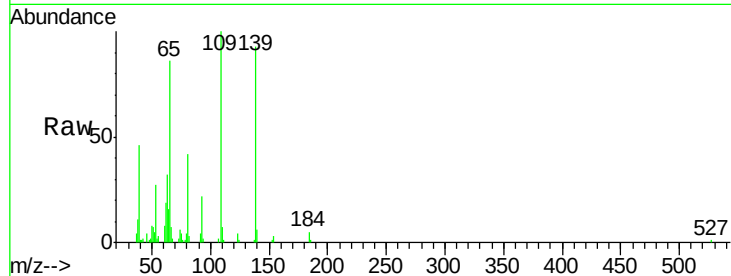
Tot Ion:139 Resp: 54070

Ion Ratio Lower Upper

139 100

109 107.3 62.2 102.2#

65 92.8 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 30.306 ng

RT: 15.69 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Tgt Ion:165 Resp: 61342

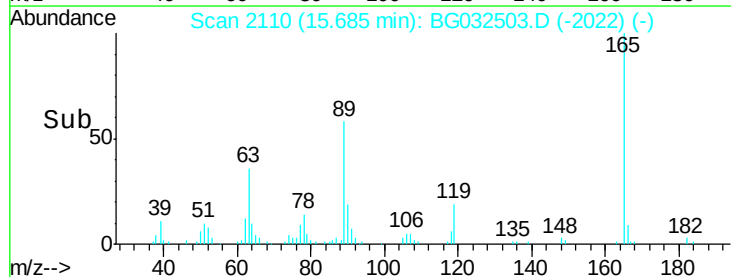
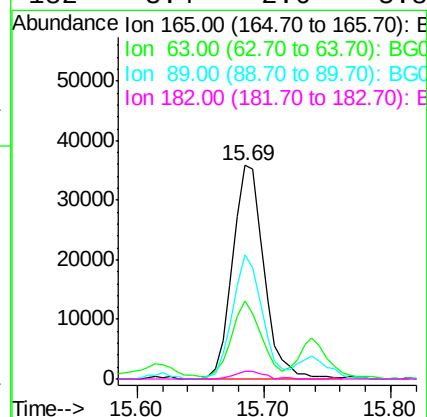
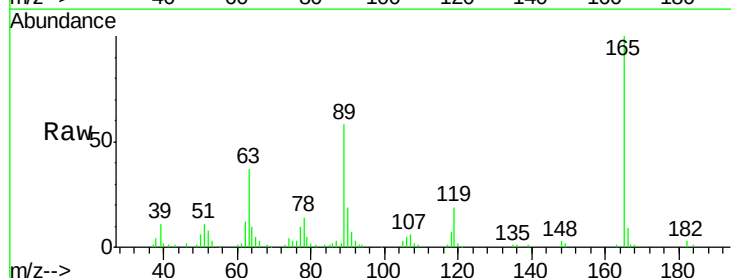
Ion Ratio Lower Upper

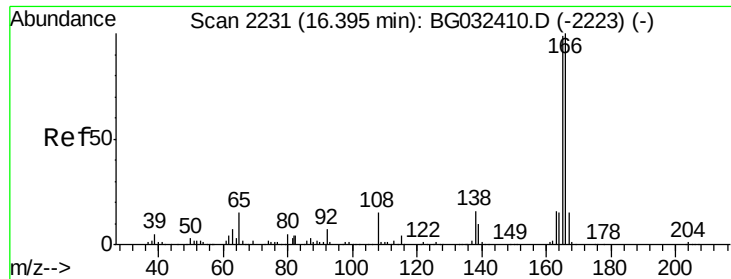
165 100

63 36.8 42.0 63.0#

89 58.2 66.9 100.3#

182 3.4 2.6 3.8

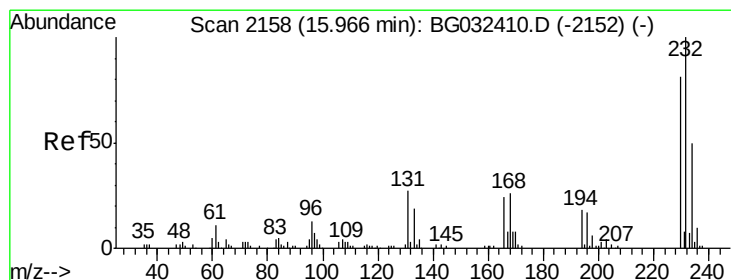
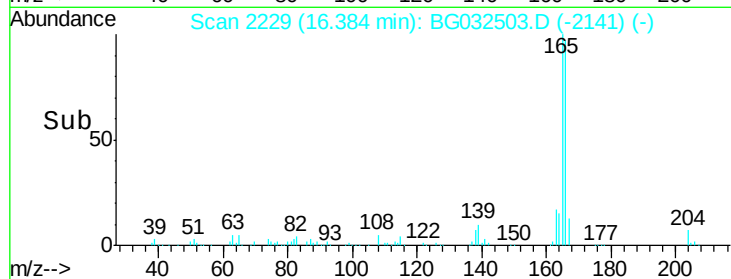
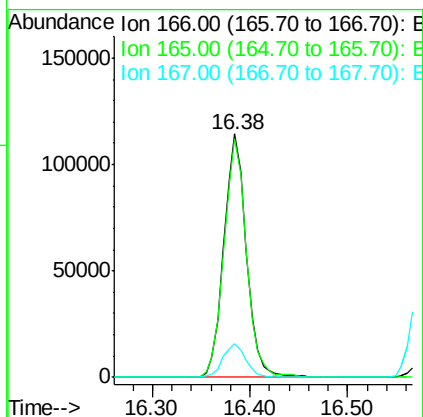
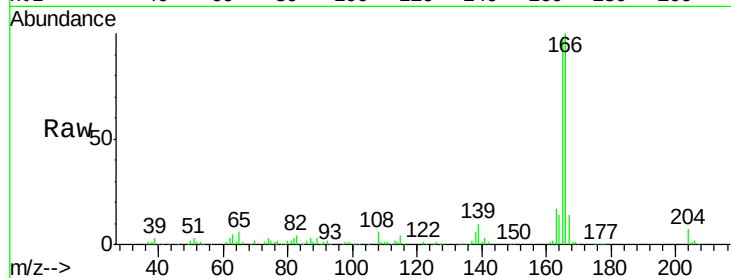




#57
 Fluorene
 Concen: 29.062 ng
 RT: 16.38 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

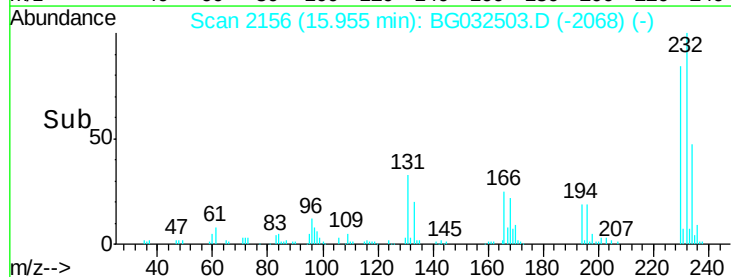
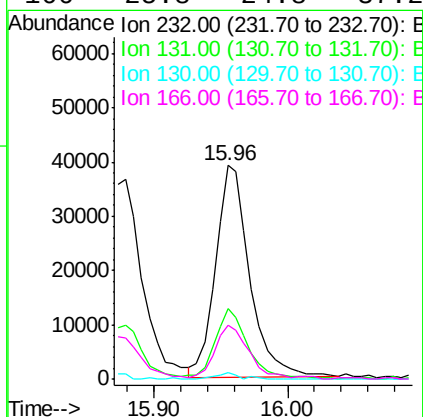
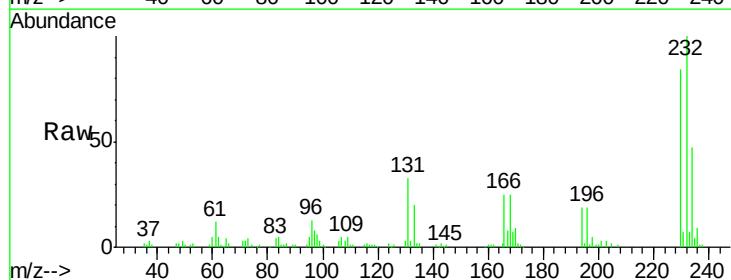
Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

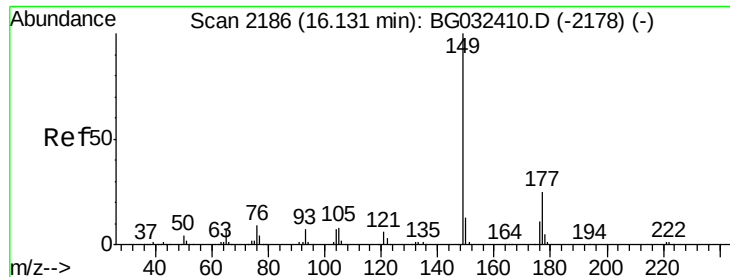
Tot Ion:166 Resp: 182286
 Ion Ratio Lower Upper
 166 100
 165 97.7 80.6 121.0
 167 14.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.445 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion:232 Resp: 69730
 Ion Ratio Lower Upper
 232 100
 131 32.5 33.5 50.3#
 130 2.1 2.2 3.2#
 166 25.8 24.8 37.2





#59

Diethylphthalate

Concen: 28.772 ng

RT: 16.12 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

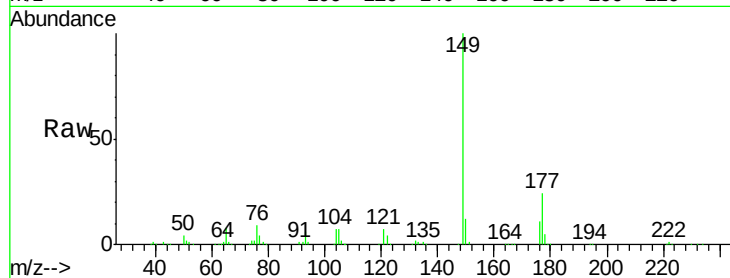
Tot Ion:149 Resp: 189804

Ion Ratio Lower Upper

149 100

177 23.7 18.5 27.7

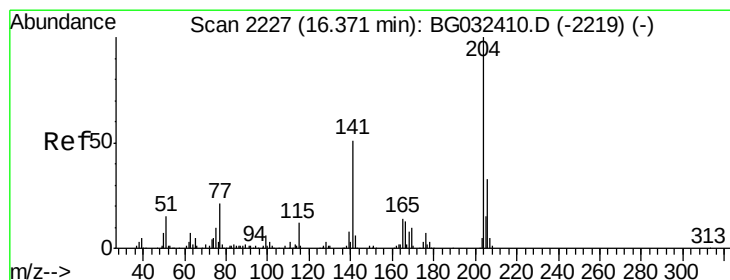
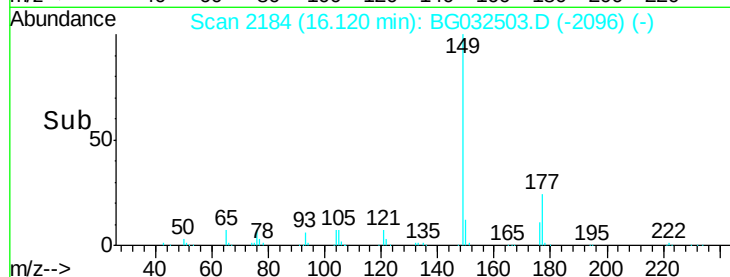
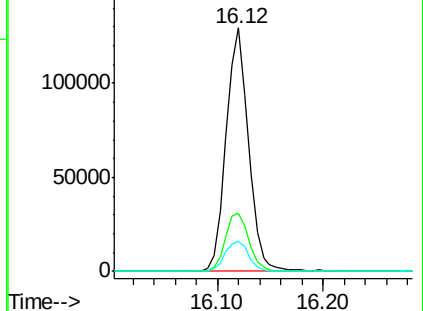
150 12.1 10.2 15.2



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: 29.544 ng

RT: 16.36 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

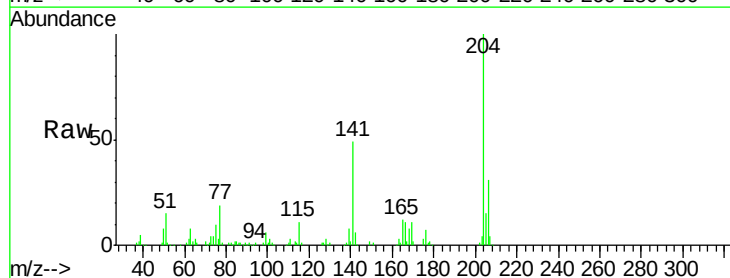
Tgt Ion:204 Resp: 116857

Ion Ratio Lower Upper

204 100

206 30.8 26.2 39.2

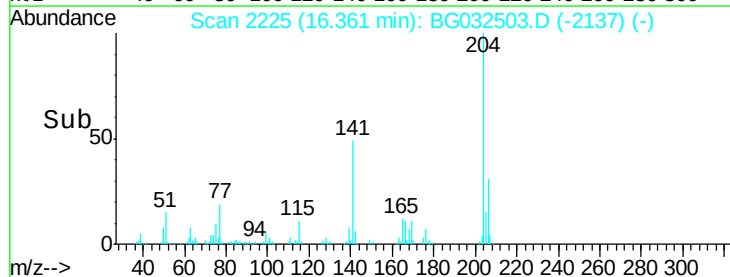
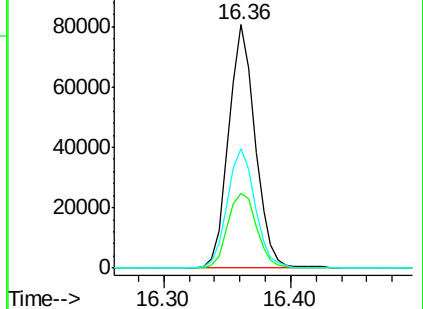
141 49.2 45.8 68.6

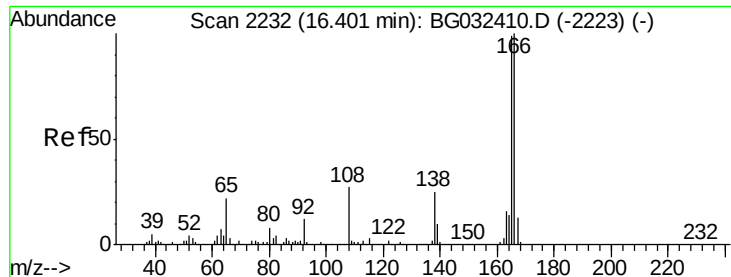


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.703 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

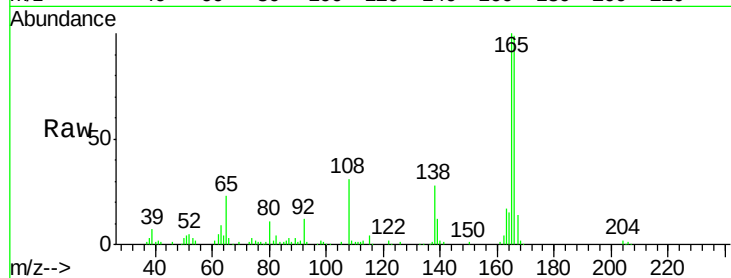
Tot Ion:138 Resp: 36870

Ion Ratio Lower Upper

138 100

92 42.8 40.1 80.1

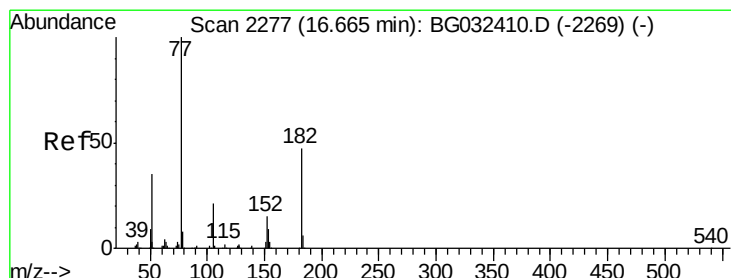
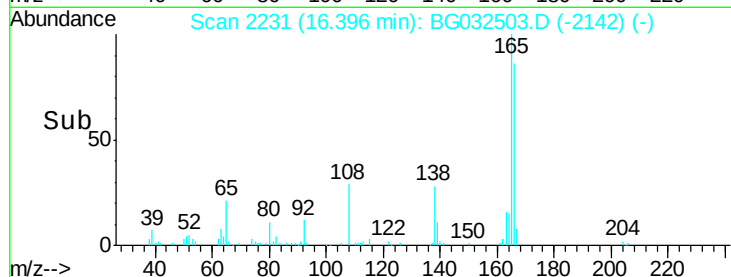
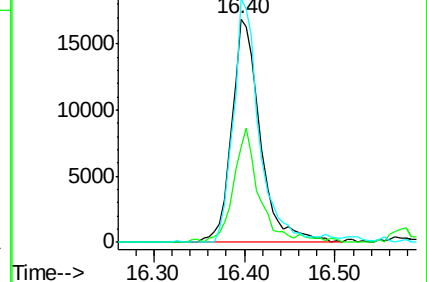
108 109.0 65.4 105.4#



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: 30.333 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Tgt Ion: 77 Resp: 119581

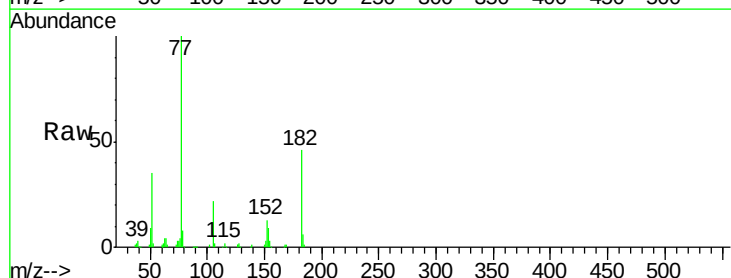
Ion Ratio Lower Upper

77 100

182 45.7 7.4 47.4

105 22.2 0.3 40.3

51 35.0 11.6 51.6

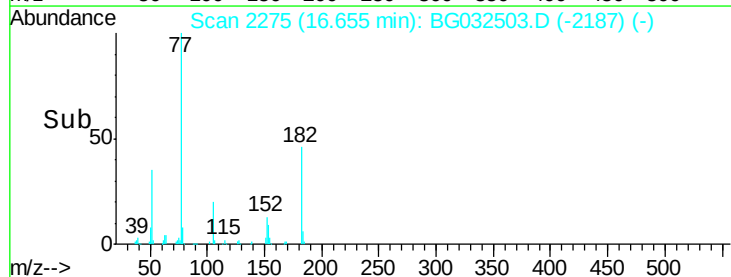
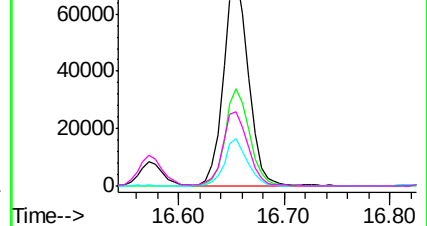


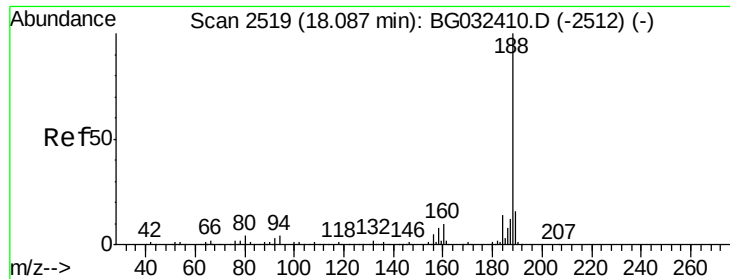
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

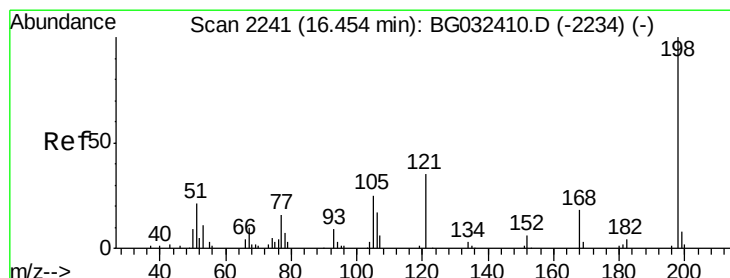
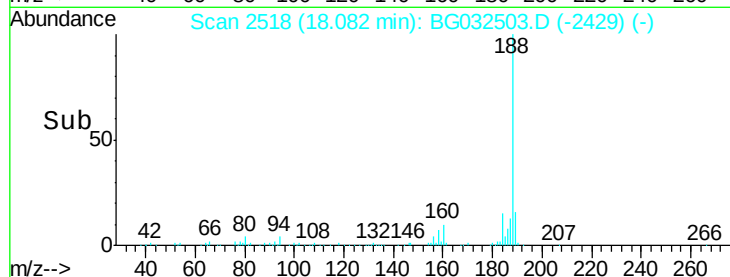
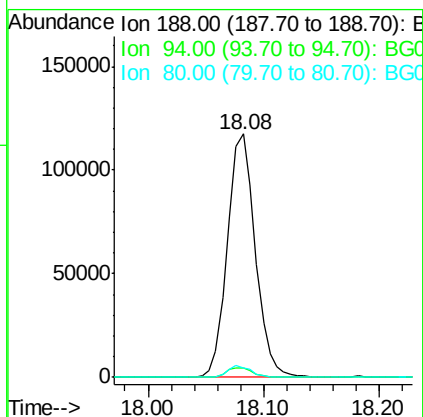
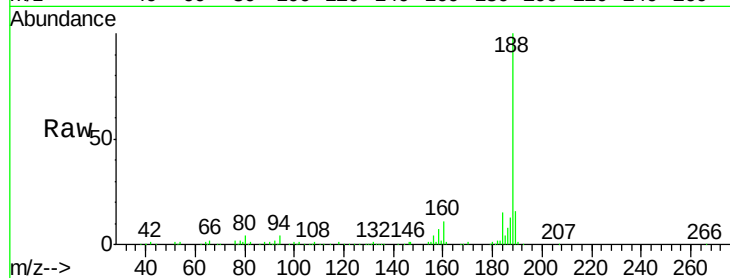




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

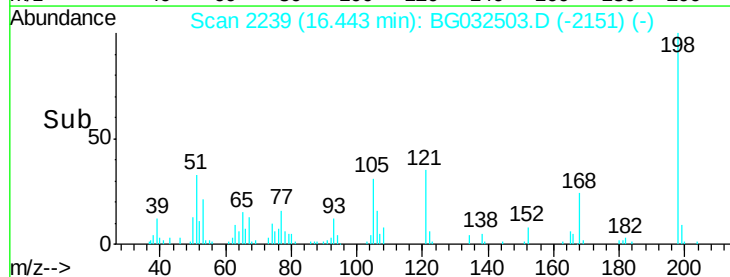
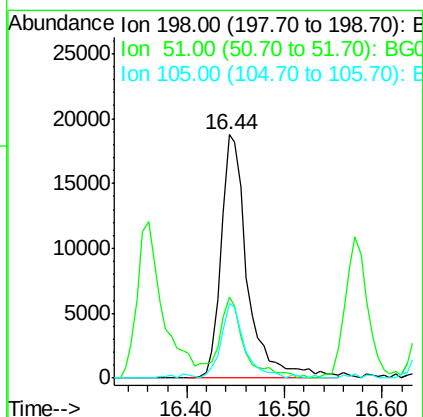
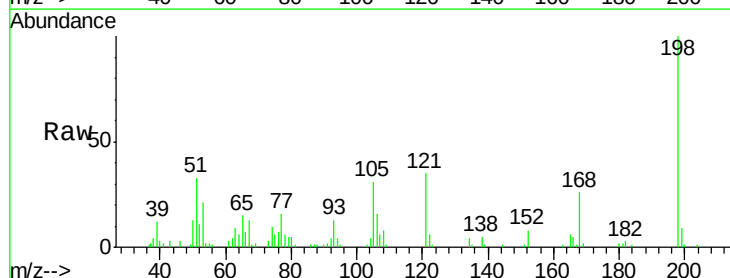
Instrument :
BNA_G
ClientSampleId :
PB106258BS

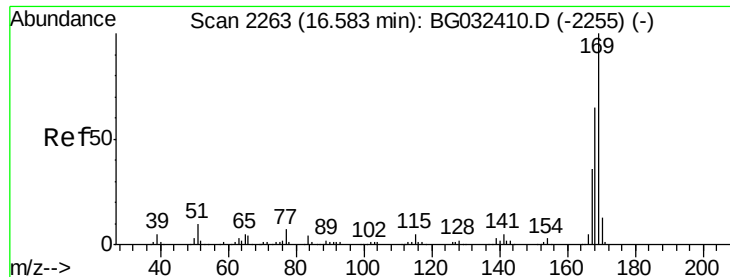
Tot Ion:188 Resp: 196511
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 3.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 23.976 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion:198 Resp: 35198
Ion Ratio Lower Upper
198 100
51 33.3 30.6 70.6
105 30.7 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 29.208 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

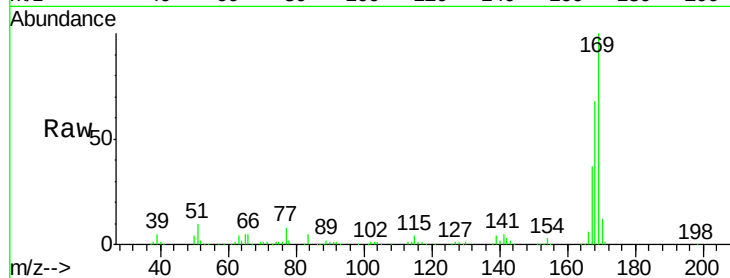
Tot Ion:169 Resp: 171291

Ion Ratio Lower Upper

169 100

168 68.0 55.7 83.5

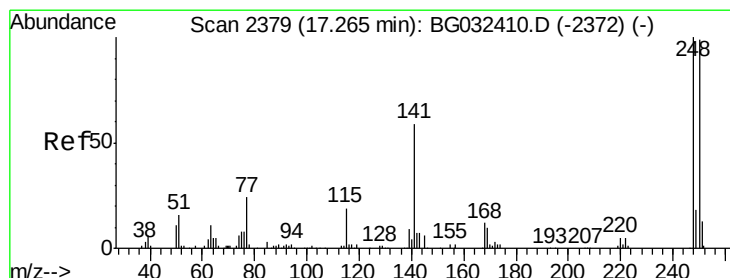
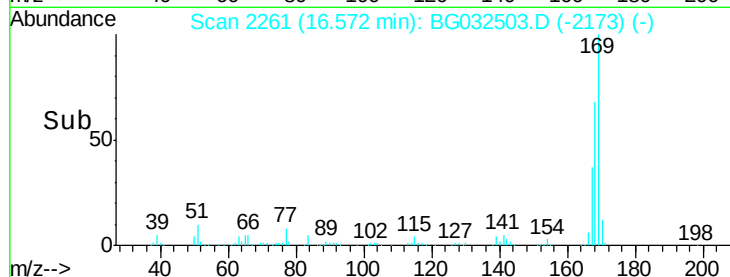
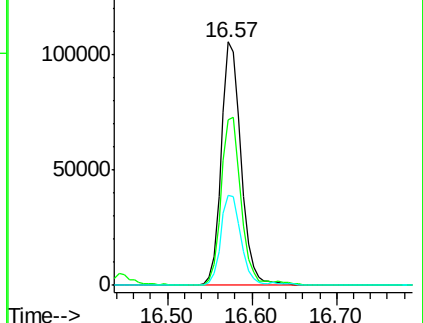
167 37.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 29.776 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

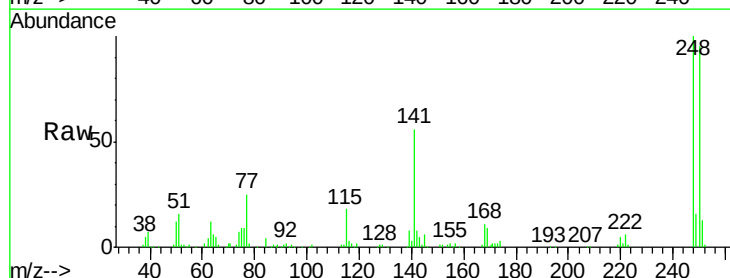
Tgt Ion:248 Resp: 86688

Ion Ratio Lower Upper

248 100

250 94.5 77.1 115.7

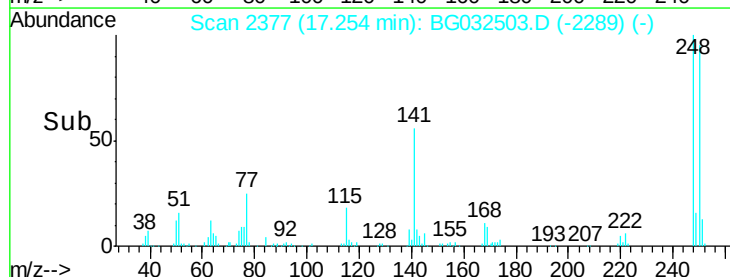
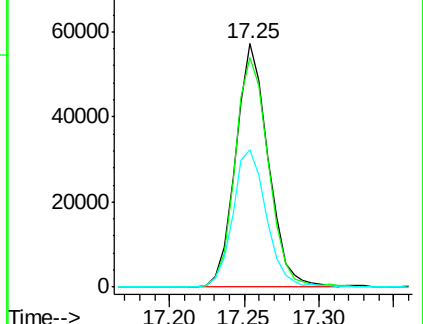
141 56.2 50.8 76.2

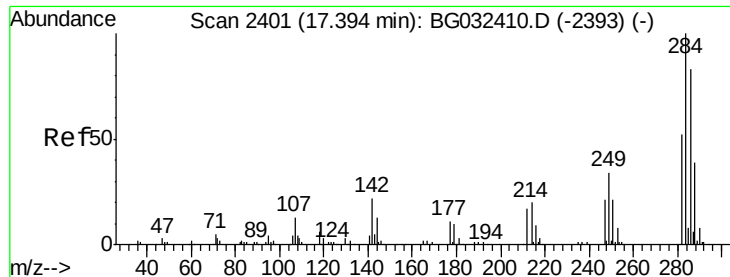


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.436 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

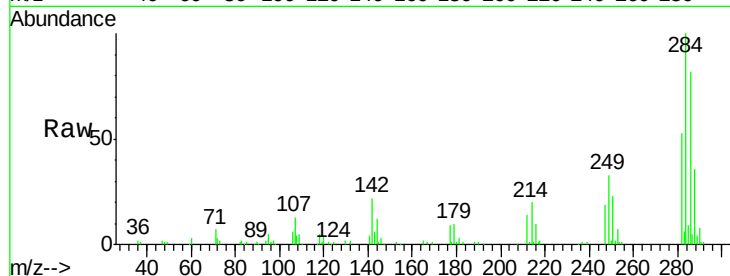
Tot Ion:284 Resp: 91614

Ion Ratio Lower Upper

284 100

142 22.2 26.8 40.2#

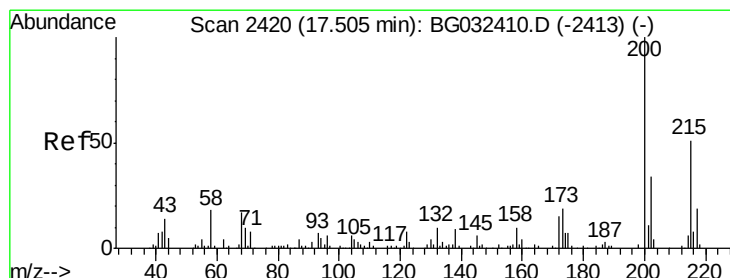
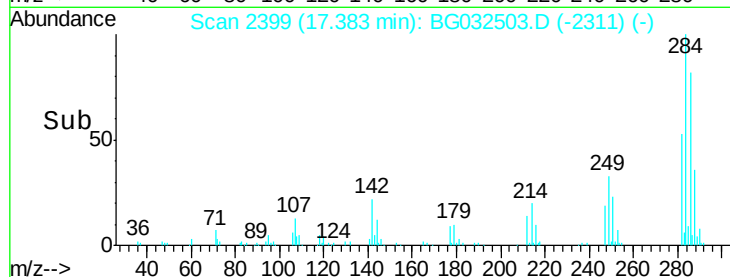
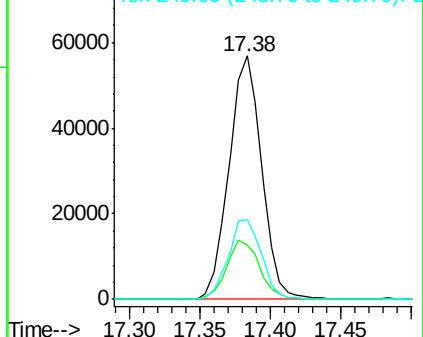
249 32.6 26.3 39.5



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: 30.884 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

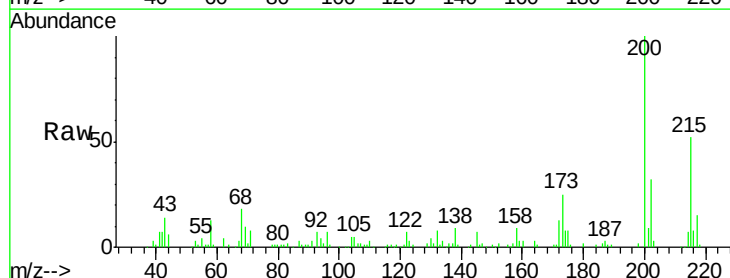
Tgt Ion:200 Resp: 77752

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

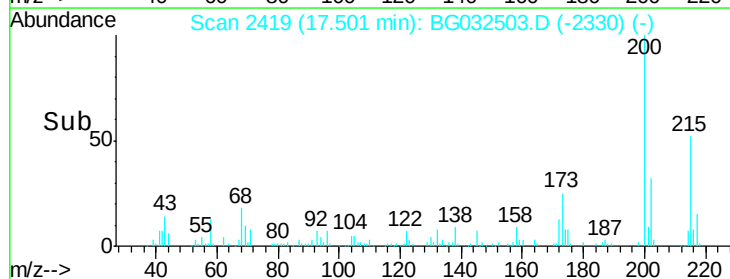
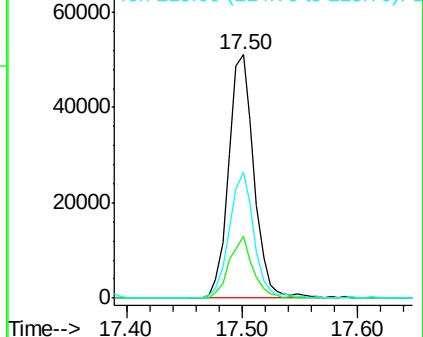
215 51.9 30.4 70.4

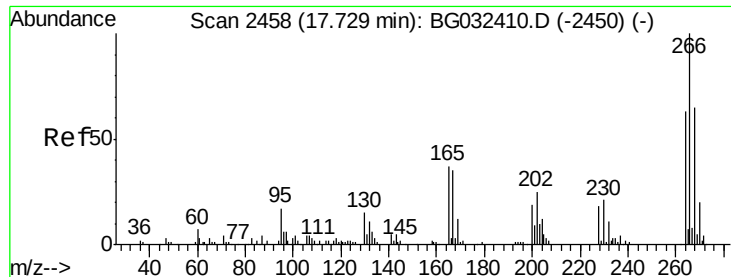


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 52.197 ng

RT: 17.72 min Scan# 2457

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

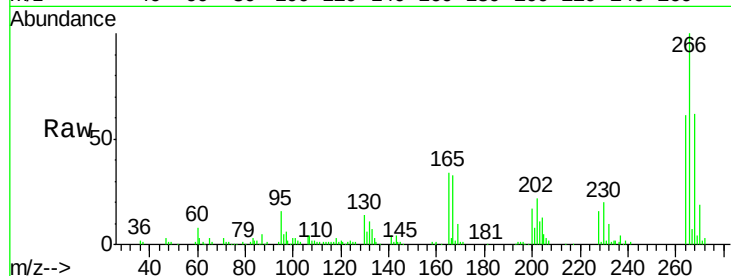
Tot Ion:266 Resp: 105346

Ion Ratio Lower Upper

266 100

268 62.0 51.1 76.7

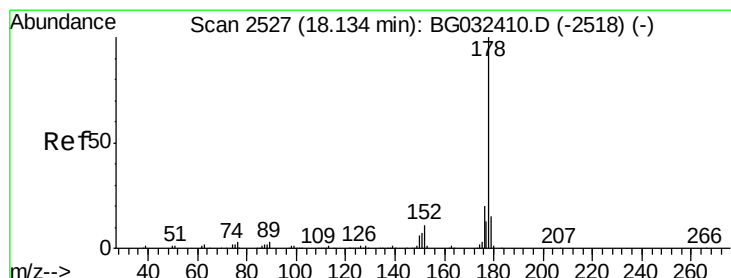
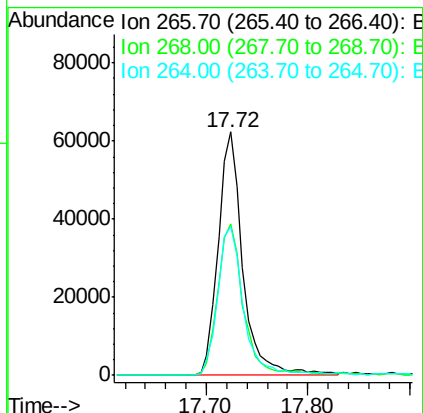
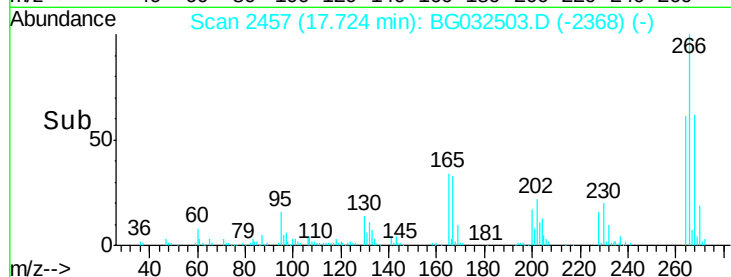
264 61.1 49.6 74.4



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: 29.405 ng

RT: 18.12 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

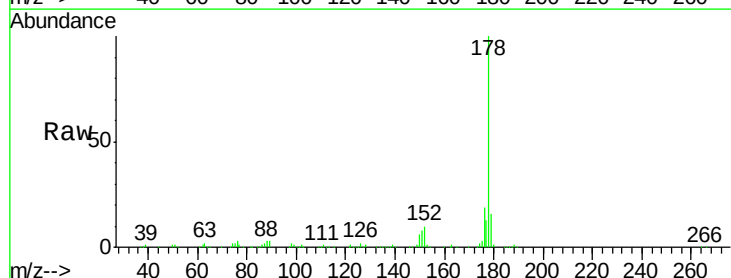
Tgt Ion:178 Resp: 322250

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

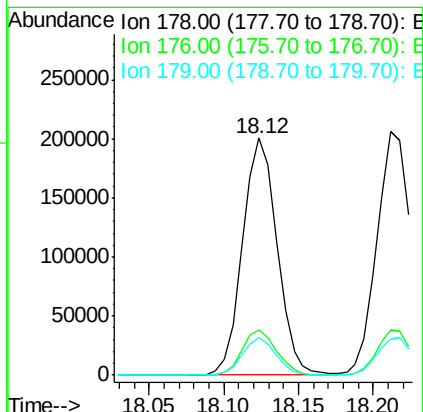
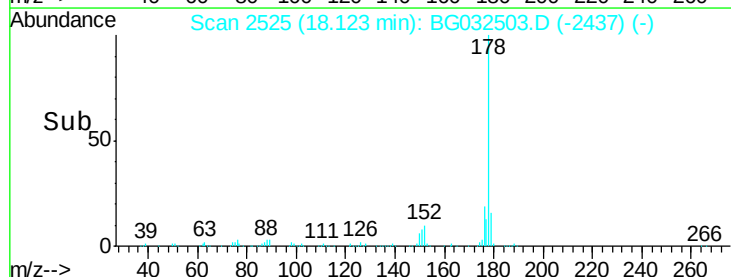
179 15.8 12.5 18.7

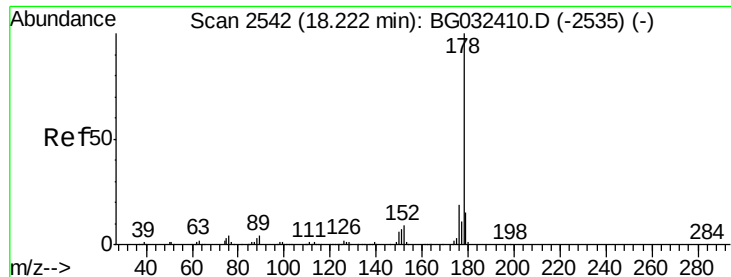


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 30.560 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

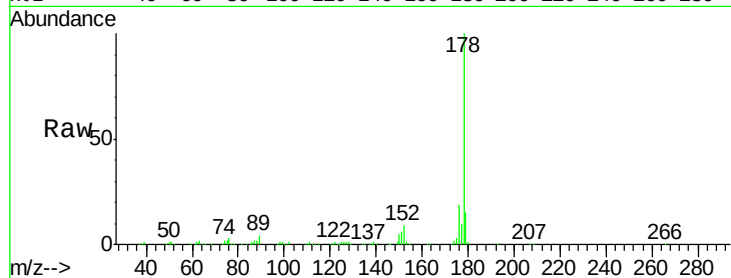
Tot Ion:178 Resp: 333468

Ion Ratio Lower Upper

178 100

176 18.6 16.0 24.0

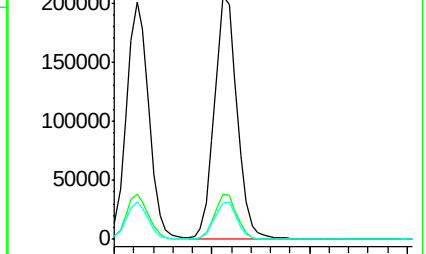
179 15.1 12.5 18.7



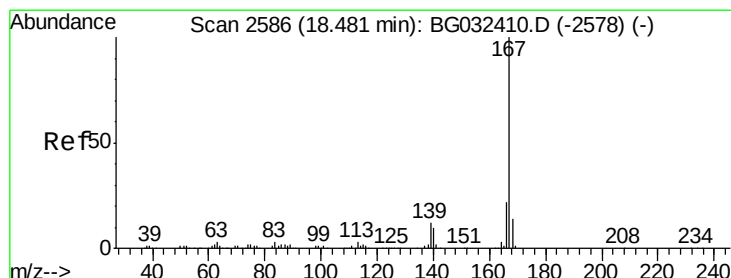
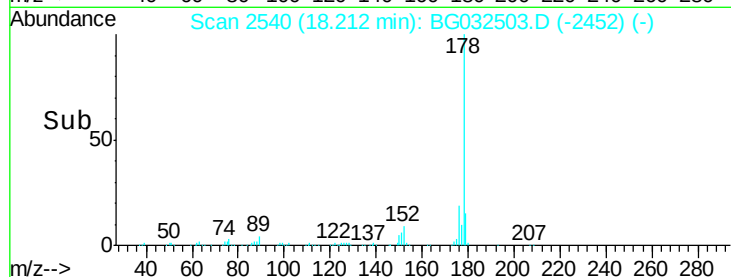
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 18.10 18.20 18.30



#72

Carbazole

Concen: 29.036 ng

RT: 18.48 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

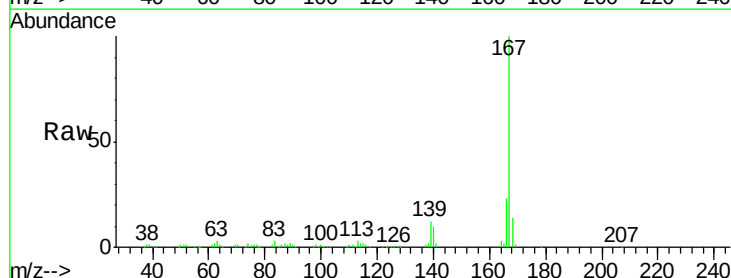
Tgt Ion:167 Resp: 279944

Ion Ratio Lower Upper

167 100

166 23.0 18.2 27.4

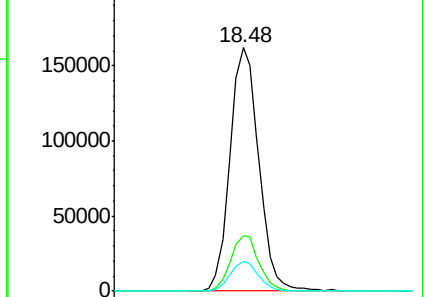
139 12.1 9.4 14.2



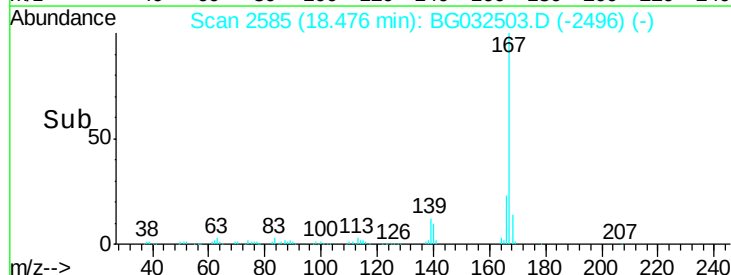
Abundance Ion 167.00 (166.70 to 167.70): E

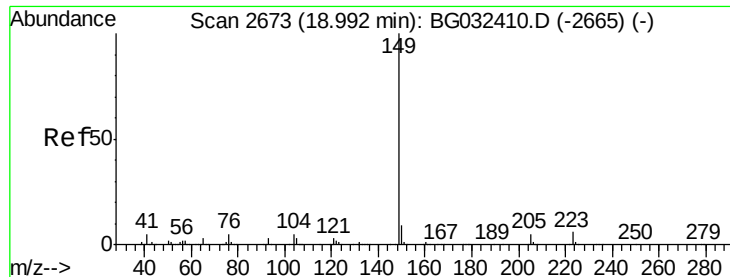
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 18.40 18.50 18.60





#73

Di-n-butylphthalate

Concen: 30.308 ng

RT: 18.98 min Scan# 2671

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

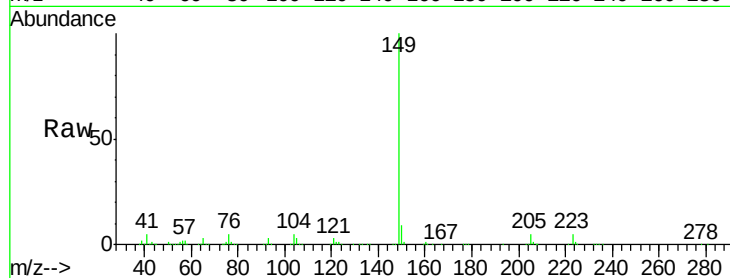
Tot Ion:149 Resp: 323515

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.98

250000

200000

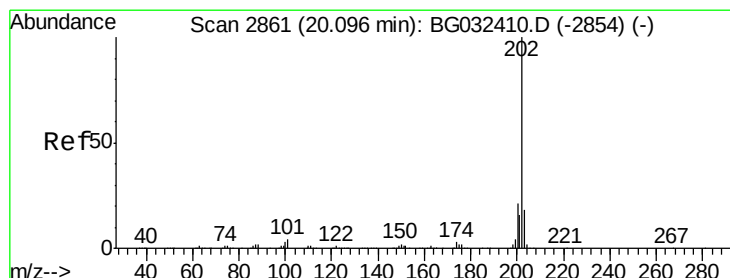
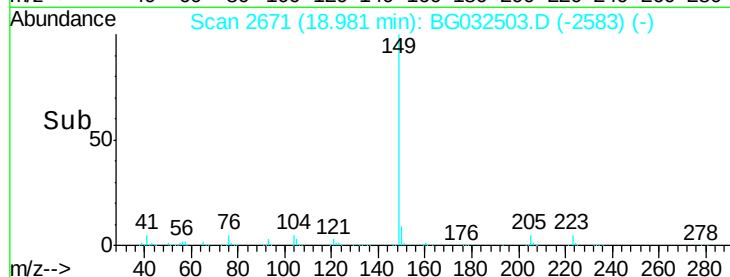
150000

100000

50000

0

Time-->



#74

Fluoranthene

Concen: 30.692 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

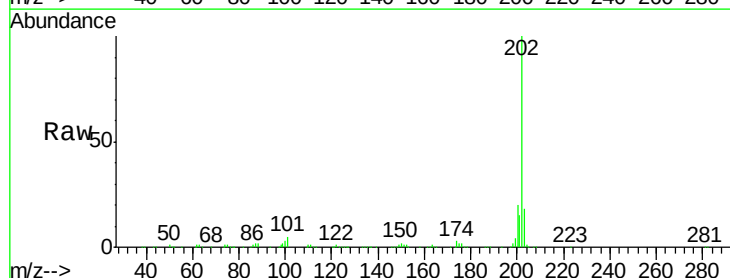
Tgt Ion:202 Resp: 441100

Ion Ratio Lower Upper

202 100

101 4.5 0.0 28.9

203 18.3 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

20.09

400000

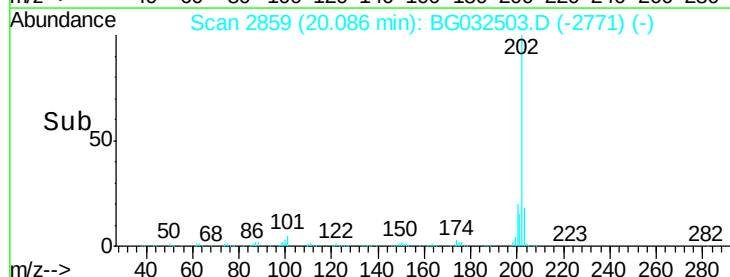
300000

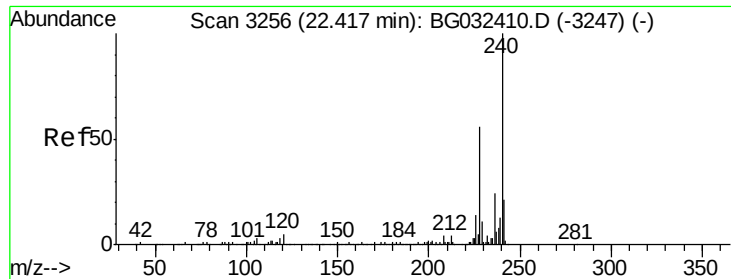
200000

100000

0

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB106258BS

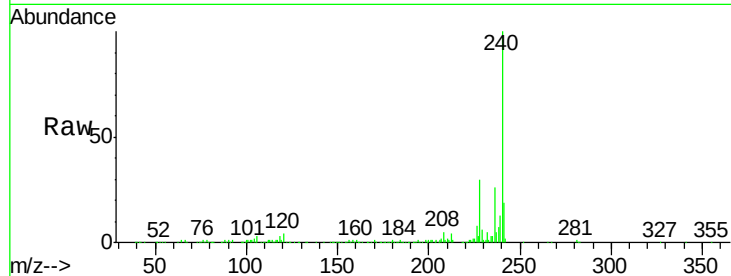
Tot Ion:240 Resp: 259007

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

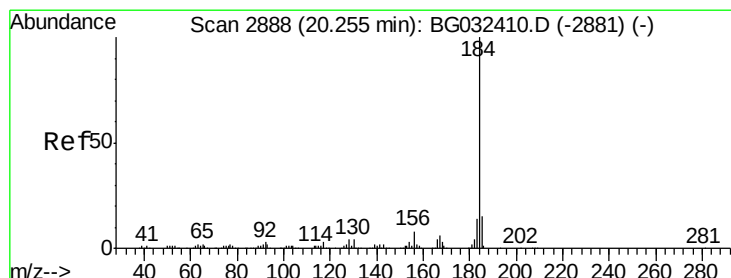
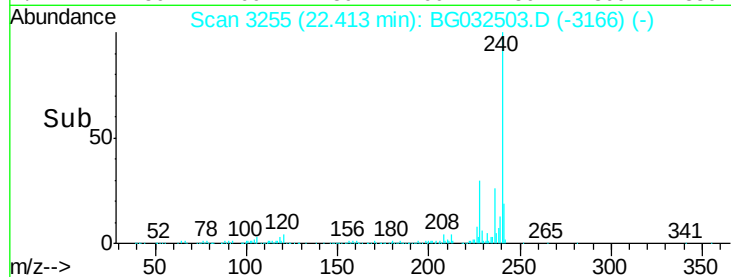
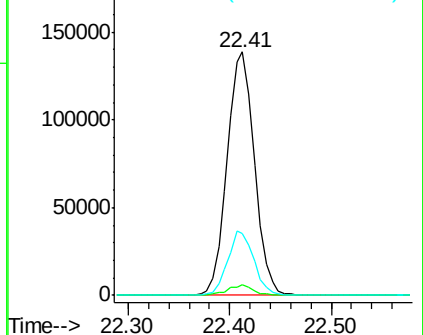
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.645 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032503.D

Acq: 1 Feb 2018 23:31

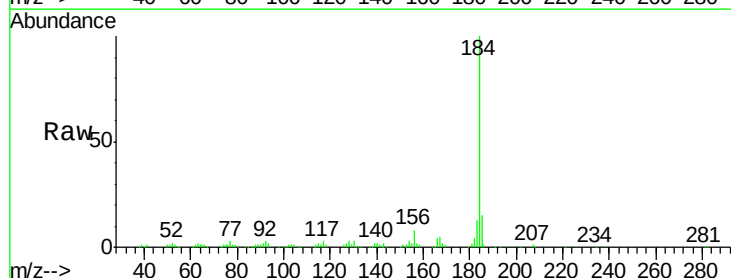
Tgt Ion:184 Resp: 120254

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

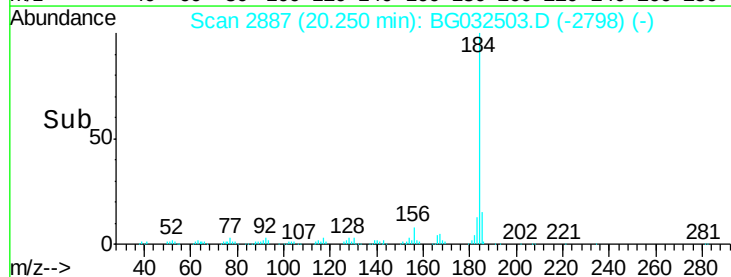
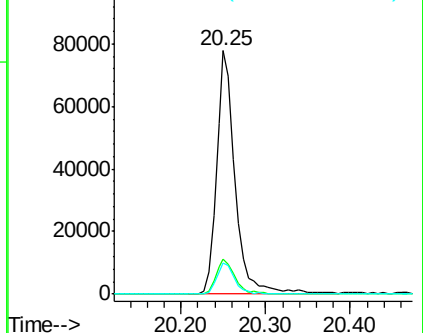
183 12.7 10.6 16.0

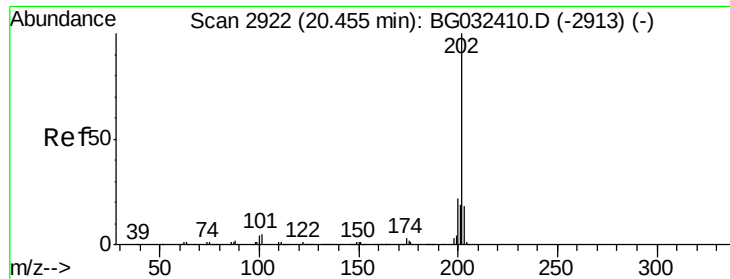


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

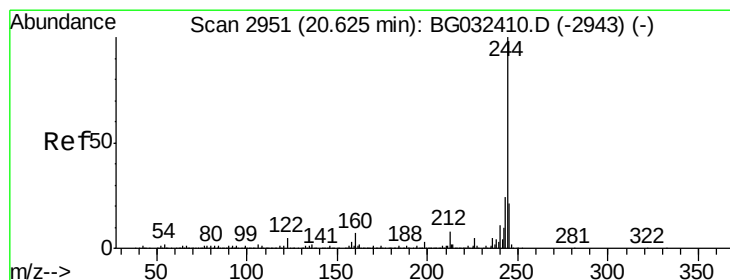
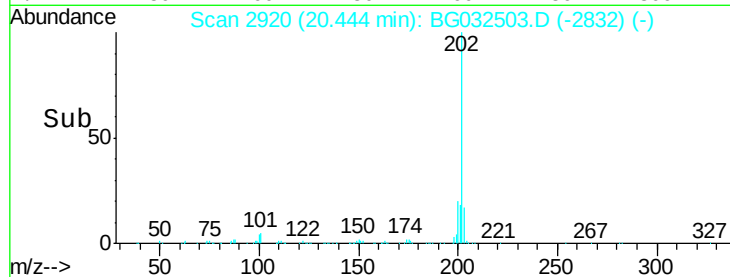
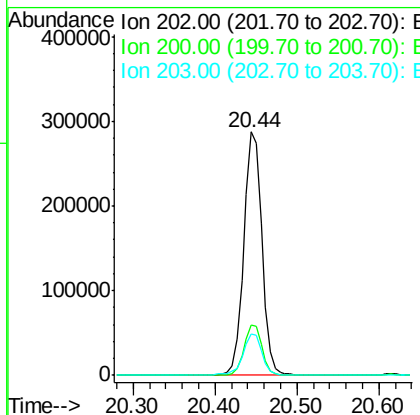
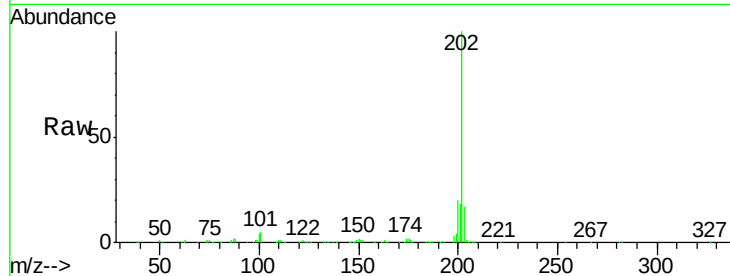




#77
 Pvrene
 Concen: 27.863 ng
 RT: 20.44 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

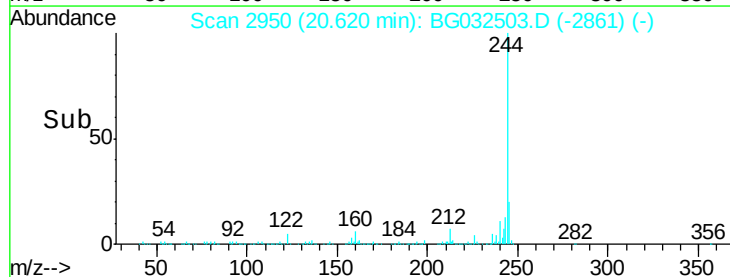
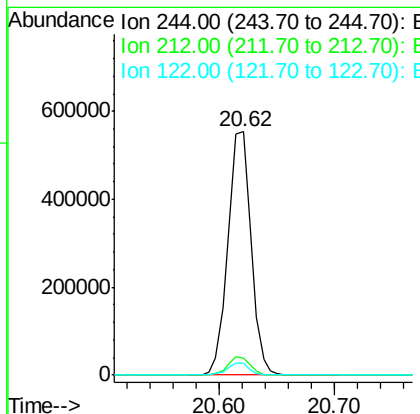
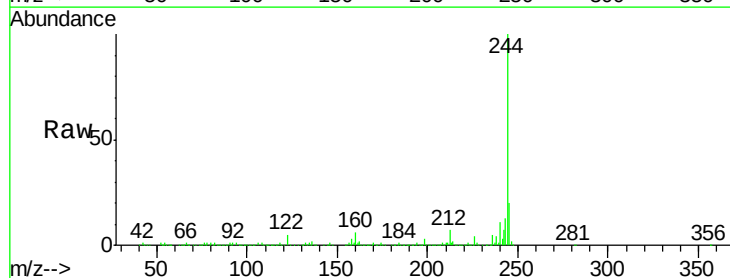
Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

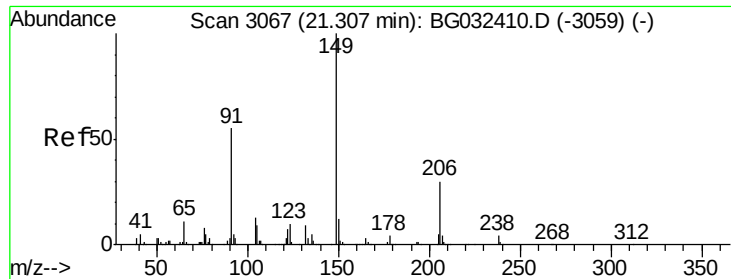
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.2	13.9	20.9



#78
 Terphenyl-d14
 Concen: 63.760 ng
 RT: 20.62 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	4.9	7.0	10.4#

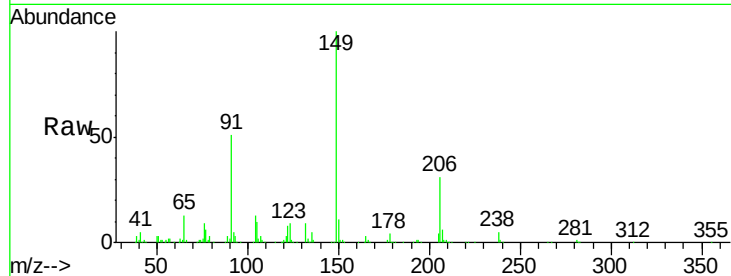




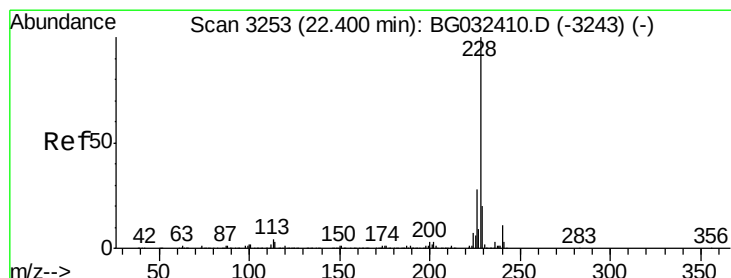
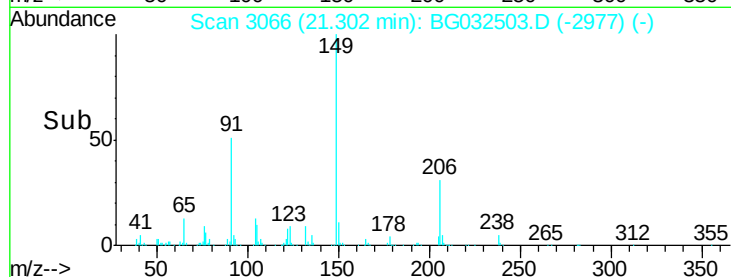
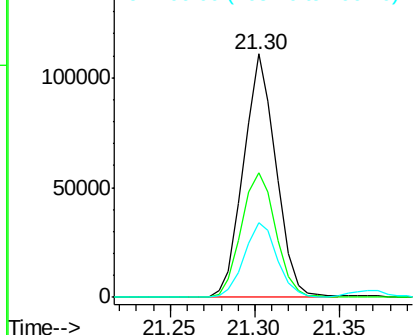
#79
Butylbenzylphthalate
Concen: 29.592 ng
RT: 21.30 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Instrument :
BNA_G
ClientSampled :
PB106258BS

Tot Ion:149 Resp: 148279
Ion Ratio Lower Upper
149 100
91 51.4 62.2 93.2#
206 30.7 18.6 27.8#

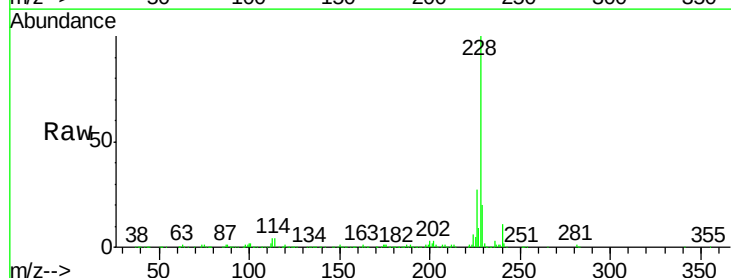


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGO
Ion 206.00 (205.70 to 206.70): E

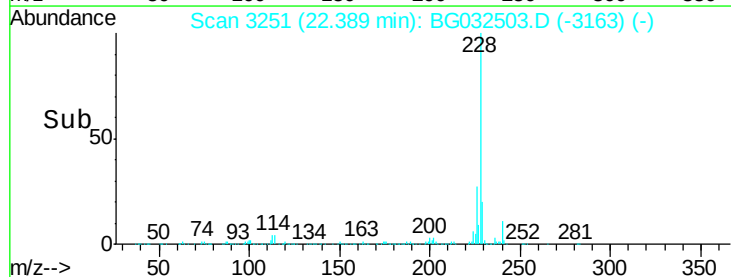
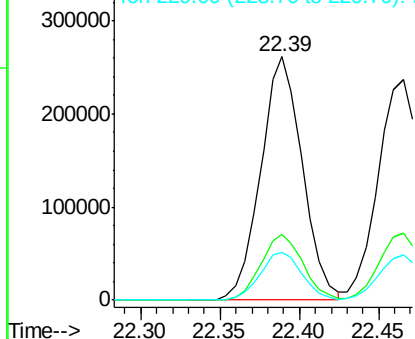


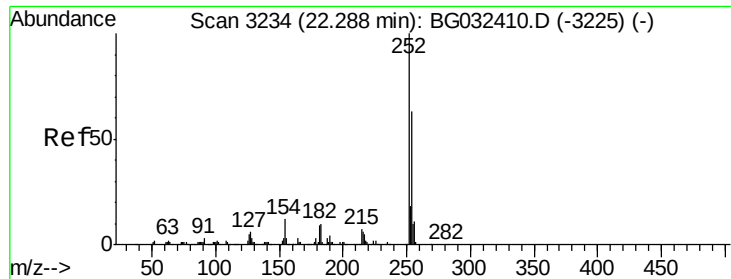
#80
Benzo(a)anthracene
Concen: 29.618 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion:228 Resp: 475581
Ion Ratio Lower Upper
228 100
226 26.7 22.7 34.1
229 19.5 16.2 24.2



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

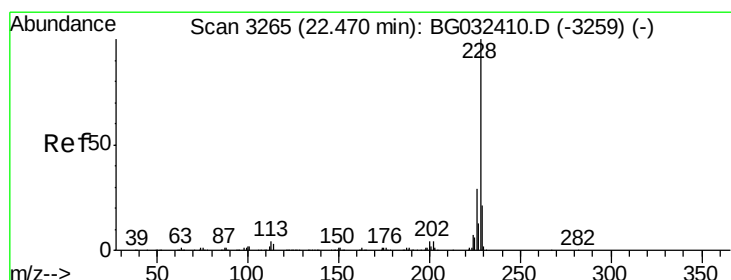
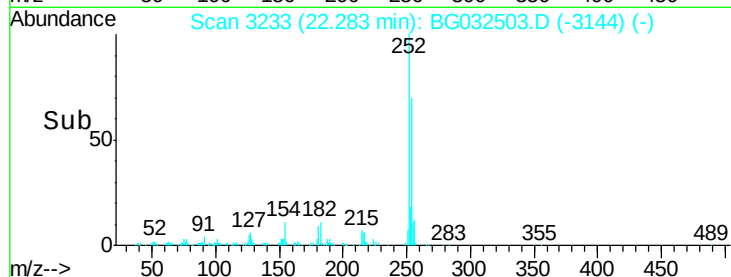
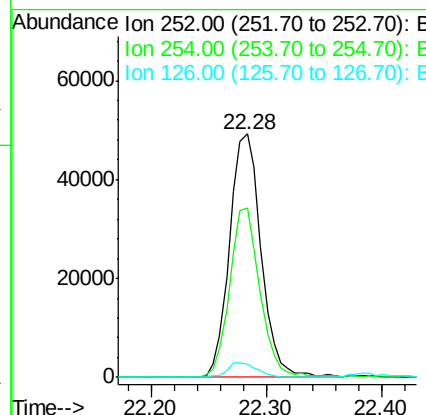
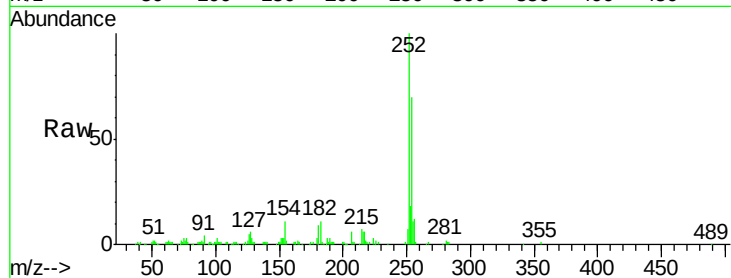




#81
 3,3'-Dichlorobenzidine
 Concen: 14.972 ng
 RT: 22.28 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

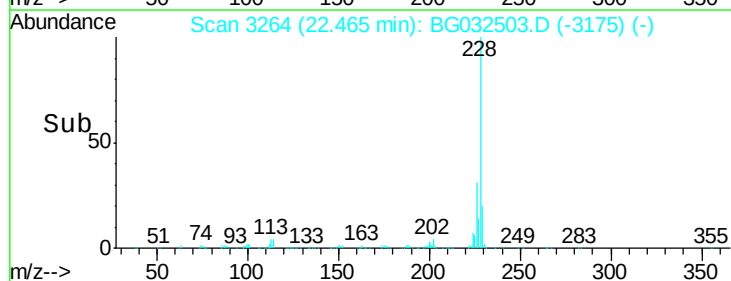
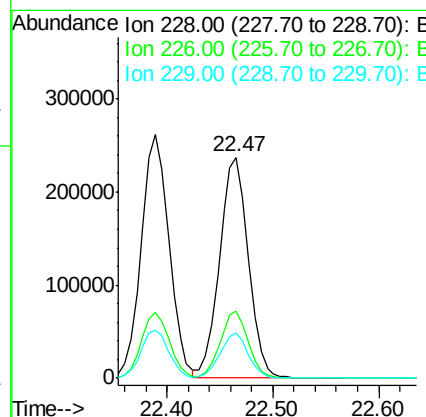
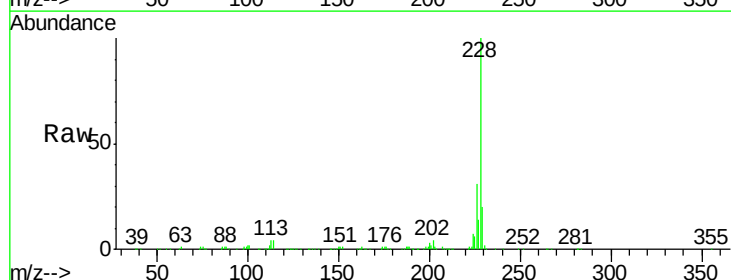
Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

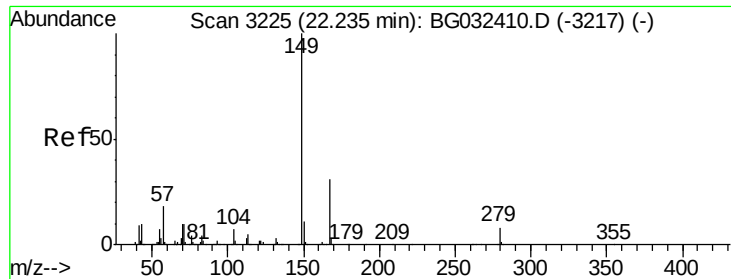
Tot Ion:252 Resp: 93145
 Ion Ratio Lower Upper
 252 100
 254 69.6 50.8 76.2
 126 5.3 7.4 11.2#



#82
 Chrysene
 Concen: 28.959 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion:228 Resp: 449059
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.3 15.0 22.4

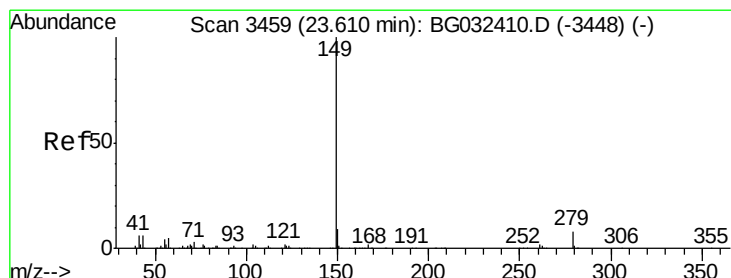
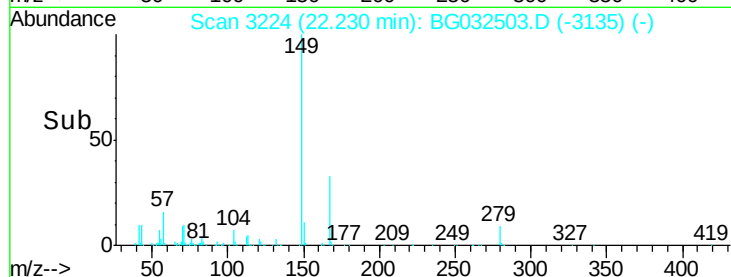
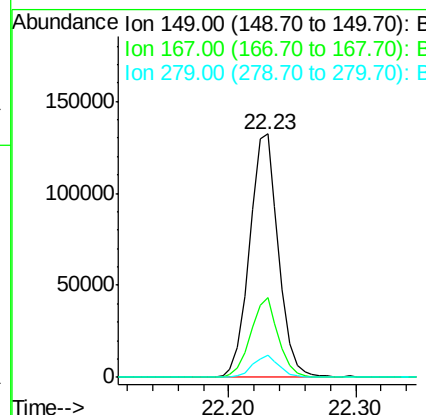
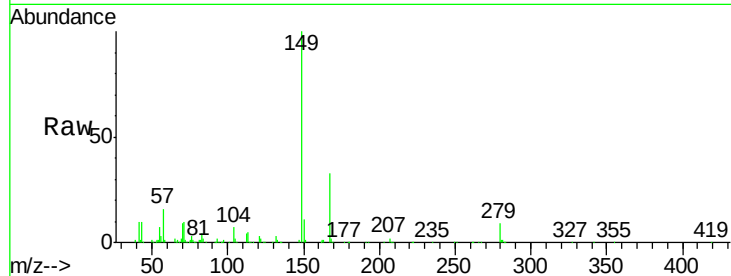




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.308 ng
 RT: 22.23 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

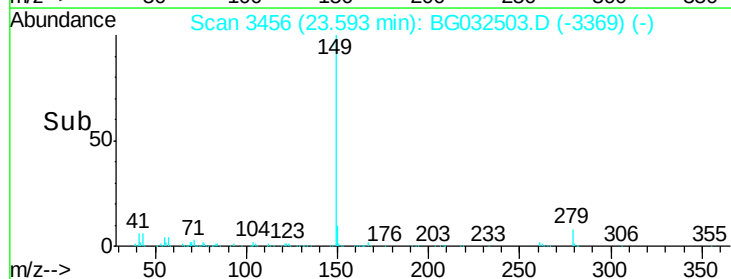
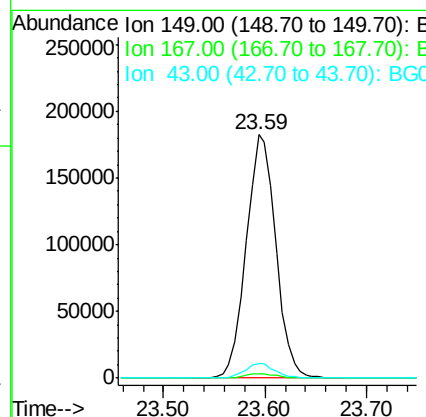
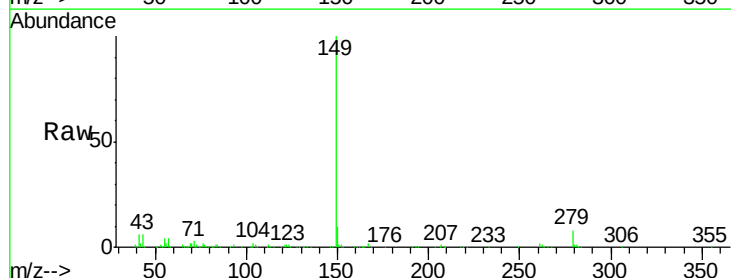
Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

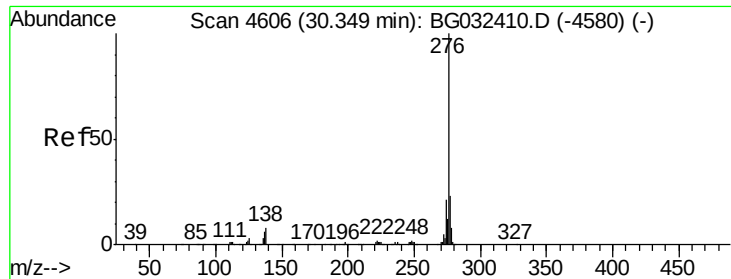
Tot Ion	149	Resp	208232
Ion Ratio	Lower	Upper	
149	100		
167	32.8	24.3	36.5
279	8.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 32.754 ng
 RT: 23.59 min Scan# 3456
 Delta R.T. -0.02 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion	149	Resp	369110
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	6.2	8.9	13.3

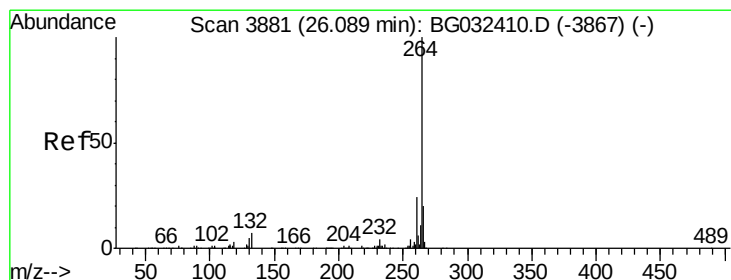
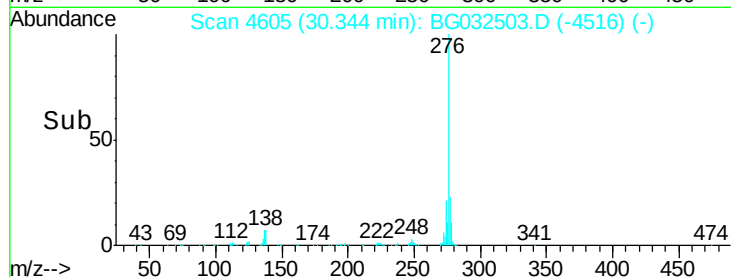
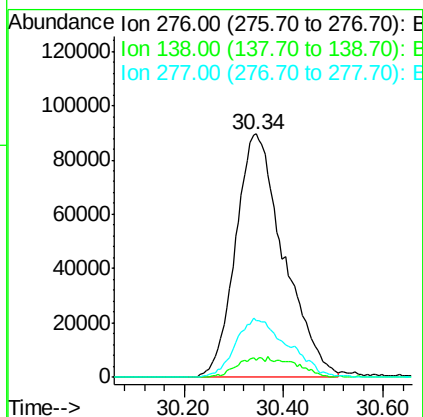
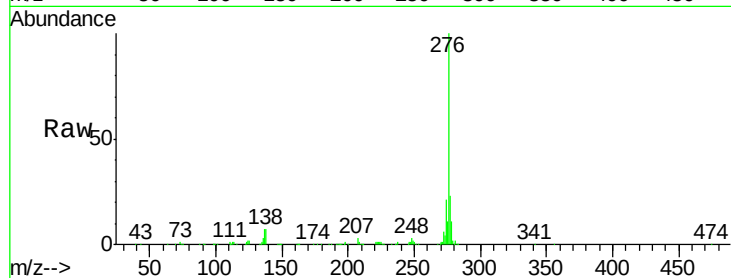




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.615 ng
 RT: 30.34 min Scan# 4605
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

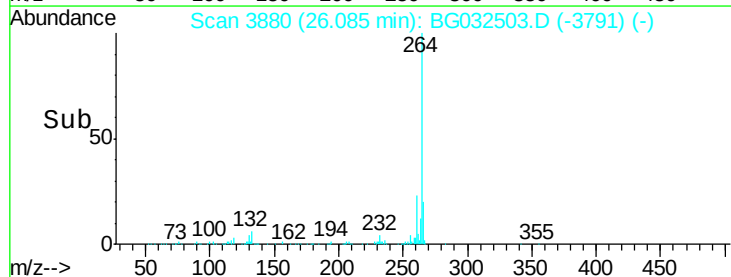
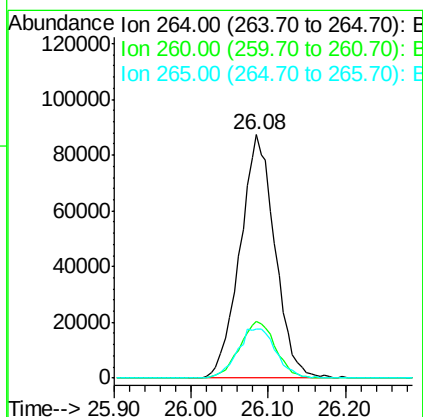
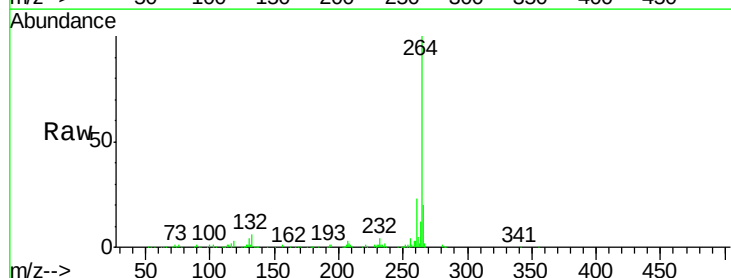
Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

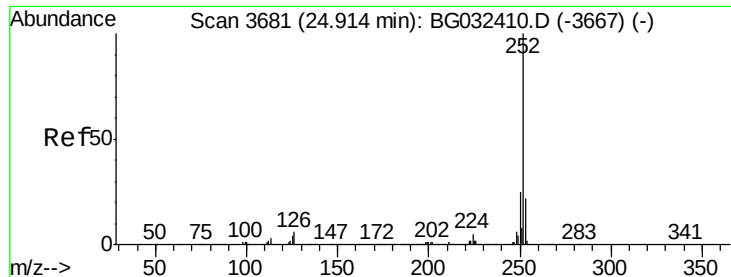
Tot Ion:276 Resp: 600563
 Ion Ratio Lower Upper
 276 100
 138 3.6 16.0 24.0#
 277 26.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3880
 Delta R.T. -0.00 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Tgt Ion:264 Resp: 276348
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 20.3 17.7 26.5

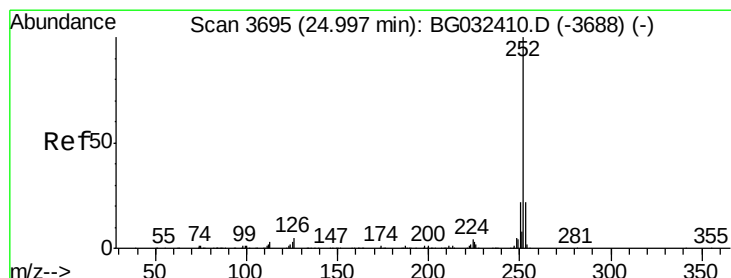
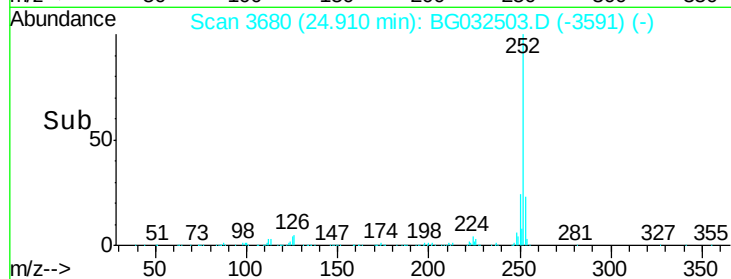
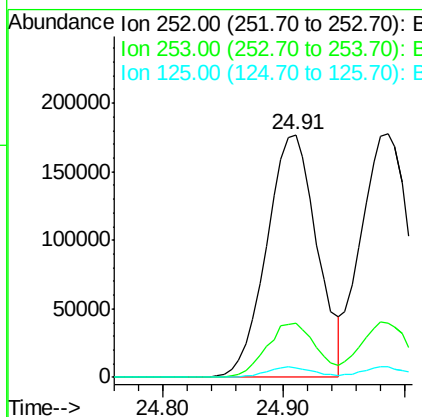
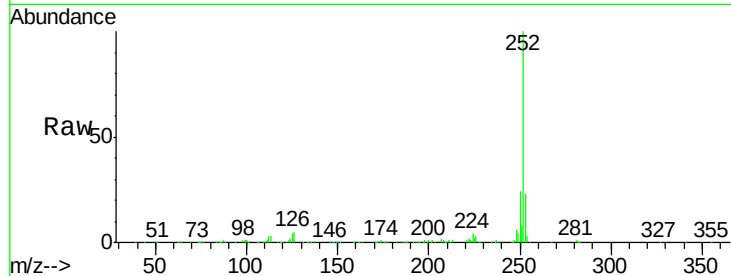




#87
Benzo(b)fluoranthene
Concen: 30.550 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

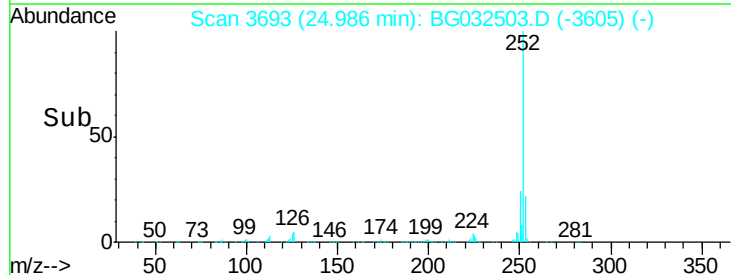
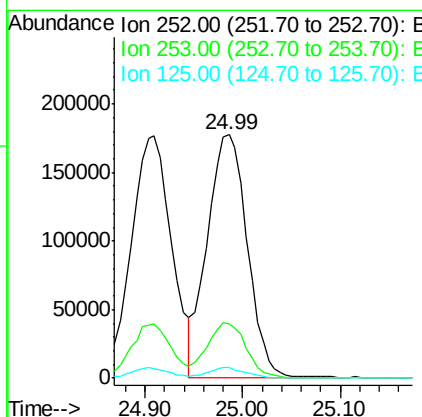
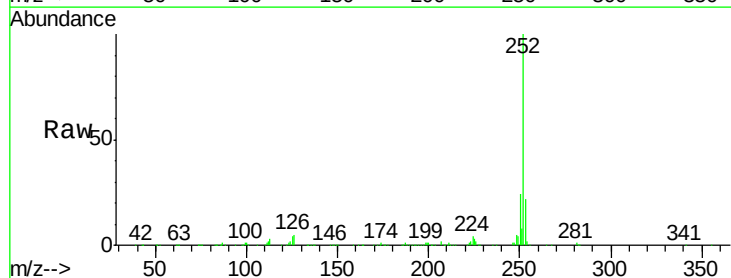
Instrument :
BNA_G
ClientSampleId :
PB106258BS

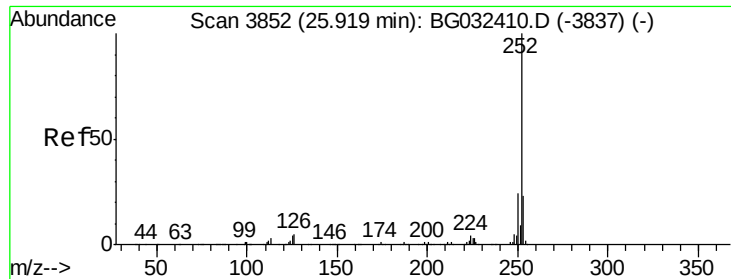
Tot Ion:252 Resp: 510116
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 3.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 30.293 ng
RT: 24.99 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion:252 Resp: 501081
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 4.2 6.6 9.8#

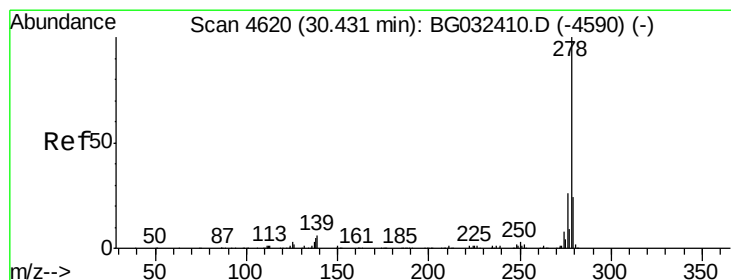
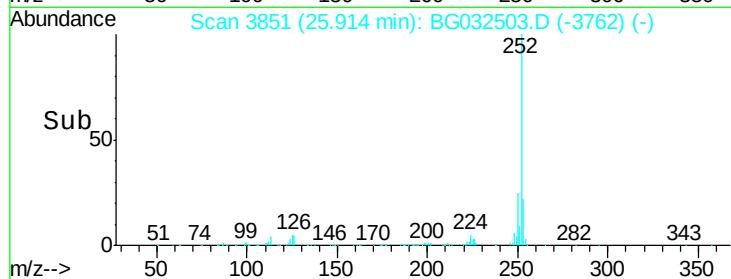
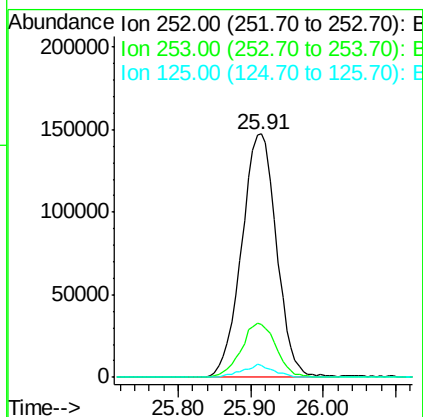
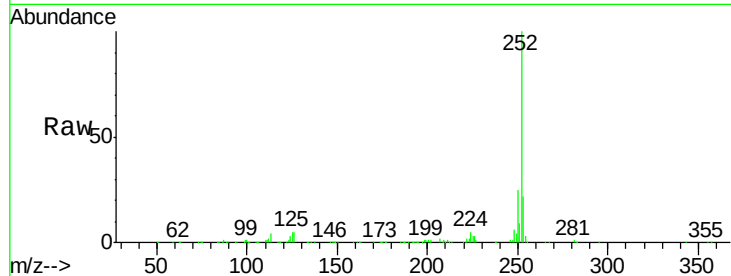




#89
Benzo(a)pyrene
Concen: 30.959 ng
RT: 25.91 min Scan# 3851
Delta R.T. -0.00 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

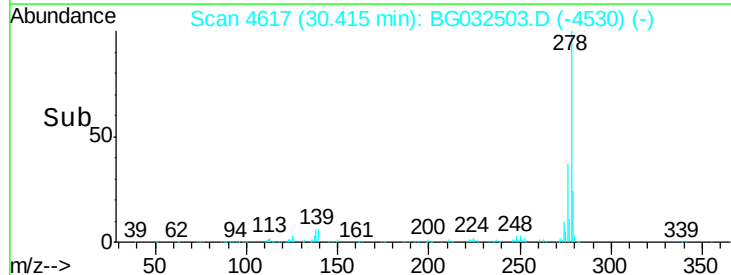
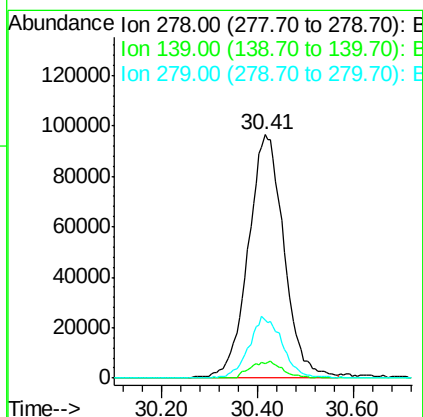
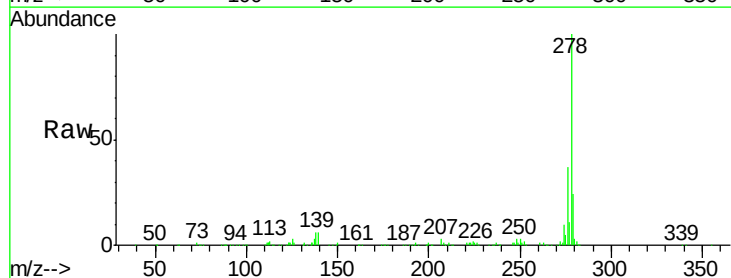
Instrument :
BNA_G
ClientSampleId :
PB106258BS

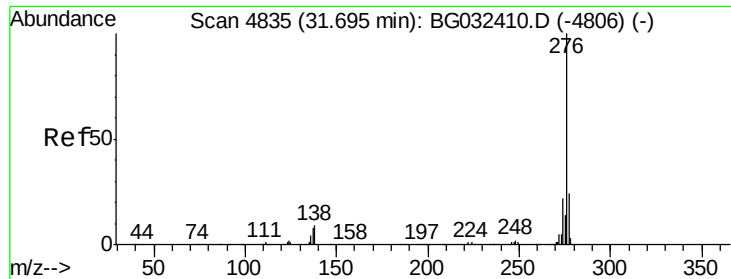
Tot Ion:252 Resp: 492824
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 4.7 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 30.744 ng
RT: 30.41 min Scan# 4617
Delta R.T. -0.02 min
Lab File: BG032503.D
Acq: 1 Feb 2018 23:31

Tgt Ion:278 Resp: 500645
Ion Ratio Lower Upper
278 100
139 5.8 9.8 14.6#
279 23.8 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 30.874 ng
 RT: 31.68 min Scan# 4833
 Delta R.T. -0.01 min
 Lab File: BG032503.D
 Acq: 1 Feb 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB106258BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	8.1	13.9	20.9

