

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032631.D
 Acq On : 9 Feb 2018 14:03
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 09 23:18:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	35629	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	157124	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	120773	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	275818	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	314966	20.00	ng	0.00
86) Perylene-d12	26.06	264	331063	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.13	112	129594	73.06	ng	-0.01
7) Phenol-d6	7.81	99	194051	81.98	ng	-0.01
23) Nitrobenzene-d5	9.89	82	204552	81.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.80	330	131379	57.15	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	727892	71.63	ng	-0.02
78) Terphenyl-d14	20.61	244	1009577	68.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.80	88	25808	43.24	ng	# 76
3) Pyridine	4.25	79	67321	41.77	ng	88
4) n-Nitrosodimethylamine	4.15	42	34620	41.27	ng	# 73
6) Aniline	7.98	93	113911	38.60	ng	99
8) 2-Chlorophenol	8.24	128	78778	37.57	ng	86
9) Benzaldehyde	7.80	77	34916	28.56	ng	93
10) Phenol	7.83	94	90881	40.43	ng	87
11) bis(2-Chloroethyl)ether	8.08	93	76070	44.41	ng	# 76
12) 1,3-Dichlorobenzene	8.57	146	104669	36.91	ng	96
13) 1,4-Dichlorobenzene	8.73	146	109009	38.35	ng	96
14) 1,2-Dichlorobenzene	9.05	146	106347	38.20	ng	97
15) Benzyl Alcohol	8.93	79	72544	37.19	ng	96
16) 2,2'-oxybis(1-Chloropropan	9.21	45	75808	46.71	ng	68
17) 2-Methylphenol	9.47	107	101904	55.82	ng	84
18) Hexachloroethane	9.81	117	36352	38.10	ng	# 80
19) n-Nitroso-di-n-propylamine	9.50	70	66586	42.43	ng	# 95
20) 3+4-Methylphenols	9.47	107	101904	39.79	ng	93
22) Acetophenone	9.53	105	136174	36.97	ng	# 93
24) Nitrobenzene	9.93	77	99674	40.98	ng	# 87
25) Isophorone	10.45	82	183133	42.75	ng	# 89
26) 2-Nitrophenol	10.65	139	54815	37.28	ng	# 82
27) 2,4-Dimethylphenol	10.69	122	75100	35.58	ng	96
28) bis(2-Chloroethoxy)methane	10.93	93	93586	39.84	ng	99
29) 2,4-Dichlorophenol	11.20	162	103531	37.03	ng	90
30) 1,2,4-Trichlorobenzene	11.42	180	138695	37.22	ng	94
31) Naphthalene	11.62	128	290352	37.84	ng	98
32) Benzoic acid	10.82	122	49940	34.19	ng	# 73
33) 4-Chloroaniline	11.72	127	124110	36.26	ng	96
34) Hexachlorobutadiene	11.88	225	111746	38.54	ng	94
35) Caprolactam	12.47	113	29648	36.94	ng	# 59
36) 4-Chloro-3-methylphenol	12.79	107	101925	38.43	ng	95
37) 2-Methylnaphthalene	13.18	142	243151	37.71	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	210956	37.34	ng	# 93
40) Hexachlorocyclopentadiene	13.51	237	128897	36.51	ng	91

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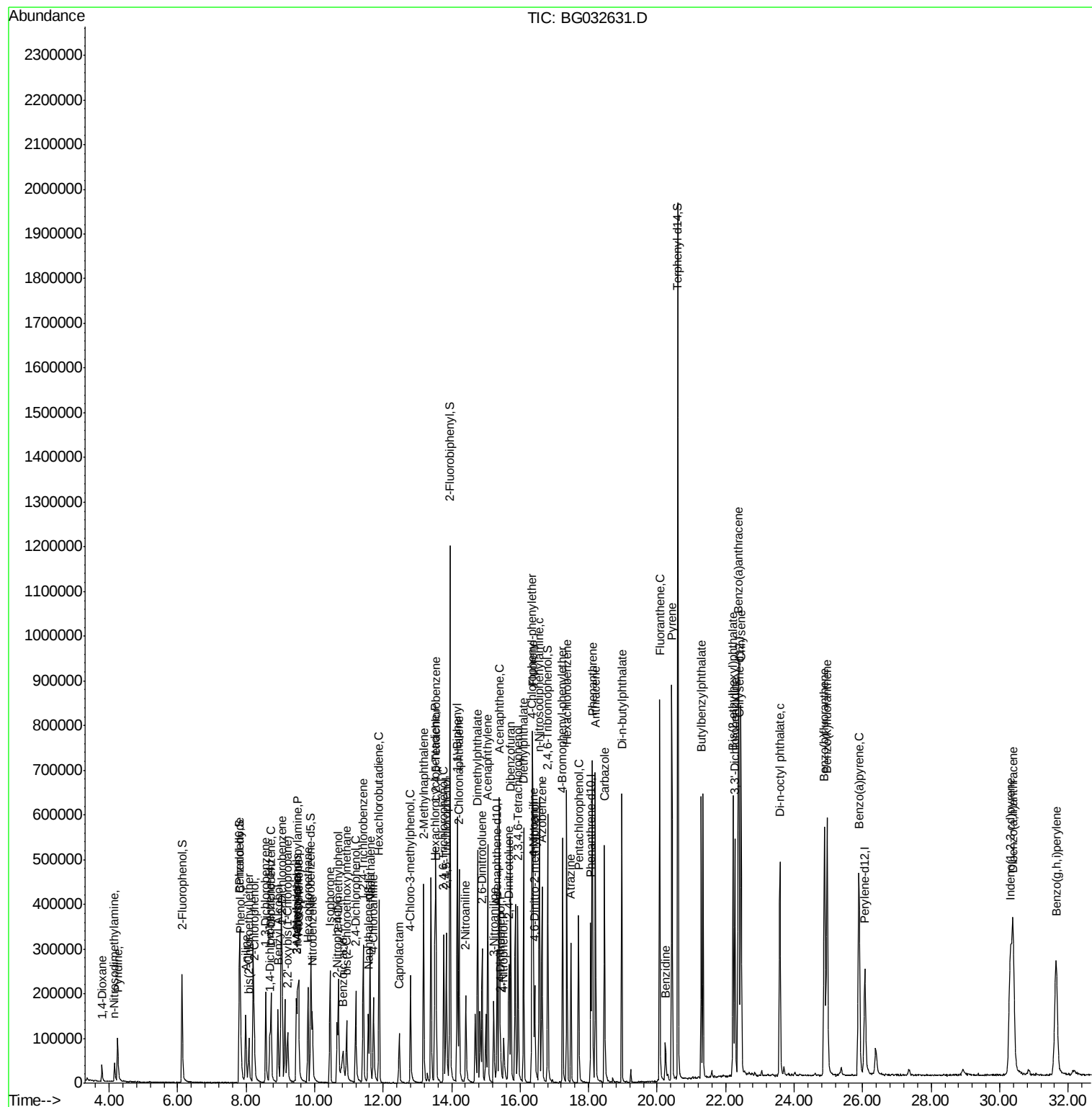
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.77	196	106970	34.81	nq	100
43) 2,4,5-Trichlorophenol	13.84	196	131993	36.84	nq	# 92
45) 1,1'-Biphenyl	14.16	154	376293	36.88	nq	96
46) 2-Chloronaphthalene	14.21	162	287555	35.96	nq	96
47) 2-Nitroaniline	14.41	65	65348	36.95	nq	# 82
48) Acenaphthylene	15.05	152	440069	36.40	nq	# 97
49) Dimethylphthalate	14.75	163	387281	34.78	nq	99
50) 2,6-Dinitrotoluene	14.89	165	81360	34.81	nq	# 81
51) Acenaphthene	15.39	154	294745	35.15	nq	96
52) 3-Nitroaniline	15.23	138	65437	32.05	nq	# 74
53) 2,4-Dinitrophenol	15.43	184	32905	25.50	nq	# 57
54) Dibenzofuran	15.72	168	445264	35.88	nq	97
55) 4-Nitrophenol	15.52	139	36997	24.21	nq	# 77
56) 2,4-Dinitrotoluene	15.67	165	108814	32.70	nq	# 75
57) Fluorene	16.36	166	356411	34.56	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.93	232	114713	32.46	nq	# 87
59) Diethylphthalate	16.10	149	363254	33.49	nq	96
60) 4-Chlorophenyl-phenylether	16.35	204	237234	36.48	nq	93
61) 4-Nitroaniline	16.39	138	63112	28.84	nq	# 78
62) Azobenzene	16.64	77	240004	37.03	nq	87
64) 4,6-Dinitro-2-methylphenol	16.43	198	70253	34.09	nq	# 72
65) n-Nitrosodiphenylamine	16.56	169	320634	38.95	nq	99
66) 4-Bromophenyl-phenylether	17.24	248	157871	38.64	nq	94
67) Hexachlorobenzene	17.36	284	166923	36.91	nq	# 89
68) Atrazine	17.49	200	86293	24.42	nq	97
69) Pentachlorophenol	17.70	266	91263	32.22	nq	98
70) Phenanthrene	18.11	178	542829	35.29	nq	100
71) Anthracene	18.20	178	555876	36.29	nq	98
72) Carbazole	18.46	167	440161	32.53	nq	98
73) Di-n-butylphthalate	18.97	149	492325	32.86	nq	# 98
74) Fluoranthene	20.08	202	657628	32.60	nq	94
76) Benzidine	20.24	184	81182	13.13	nq	99
77) Pyrene	20.44	202	682280	35.32	nq	100
79) Butylbenzylphthalate	21.29	149	232596	38.17	nq	# 79
80) Benzo(a)anthracene	22.37	228	722487	37.00	nq	99
81) 3,3'-Dichlorobenzidine	22.27	252	253249	33.48	nq	# 96
82) Chrysene	22.45	228	699931	37.12	nq	97
83) Bis(2-ethylhexyl)phthalate	22.22	149	332346	38.47	nq	# 96
84) Di-n-octyl phthalate	23.58	149	536060	39.12	nq	# 91
85) Indeno(1,2,3-cd)pyrene	30.31	276	855547	35.86	nq	# 85
87) Benzo(b)fluoranthene	24.89	252	731107	36.55	nq	# 95
88) Benzo(k)fluoranthene	24.97	252	763585	38.53	nq	# 96
89) Benzo(a)pyrene	25.89	252	717480	37.62	nq	# 95
90) Dibenzo(a,h)anthracene	30.39	278	698347	35.80	nq	# 95
91) Benzo(g,h,i)perylene	31.65	276	699130	36.10	nq	# 91

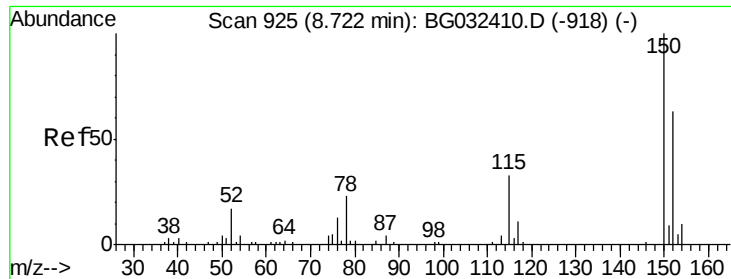
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
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Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

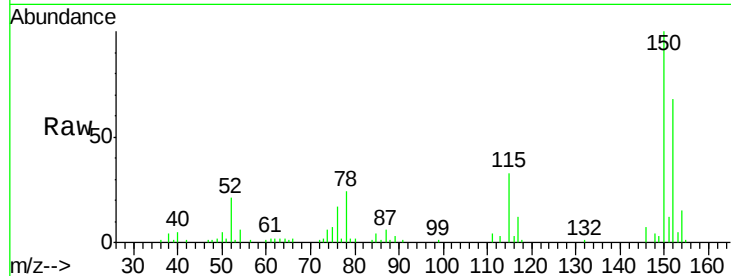
Tot Ion:152 Resp: 35629

Ion Ratio Lower Upper

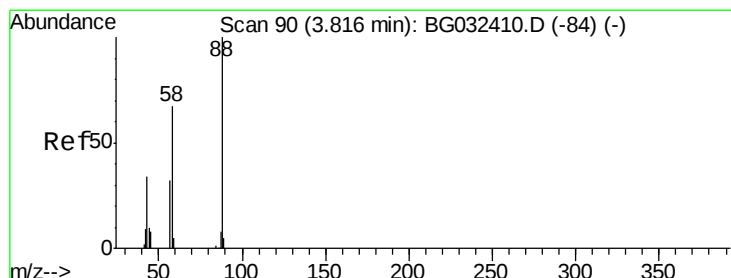
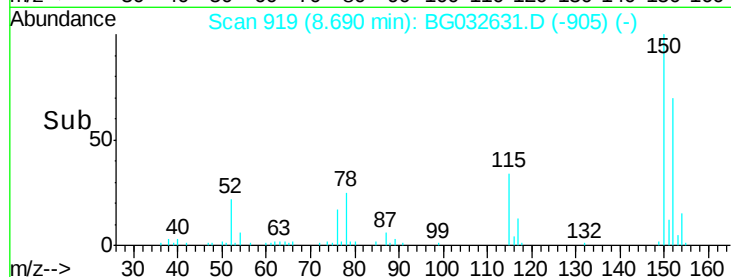
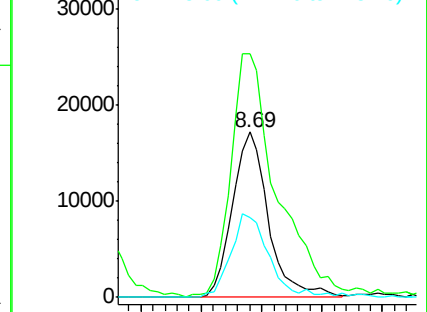
152 100

150 147.6 126.6 189.8

115 48.6 53.0 79.4#



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



#2

1,4-Dioxane

Concen: 43.24 ng

RT: 3.80 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

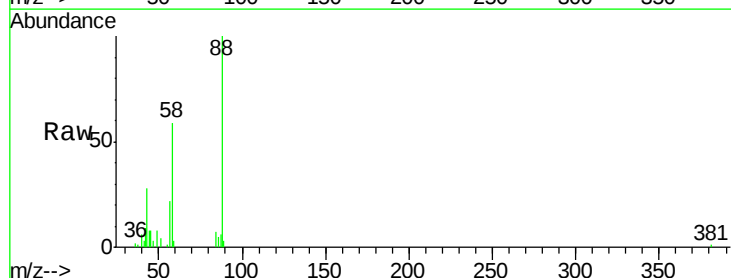
Tgt Ion: 88 Resp: 25808

Ion Ratio Lower Upper

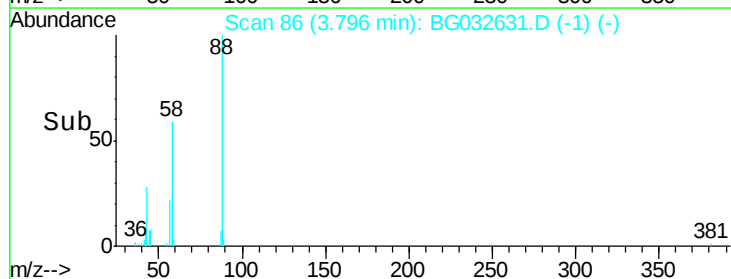
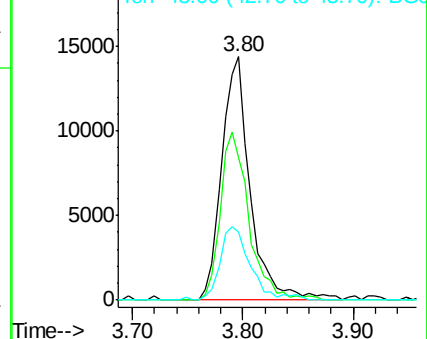
88 100

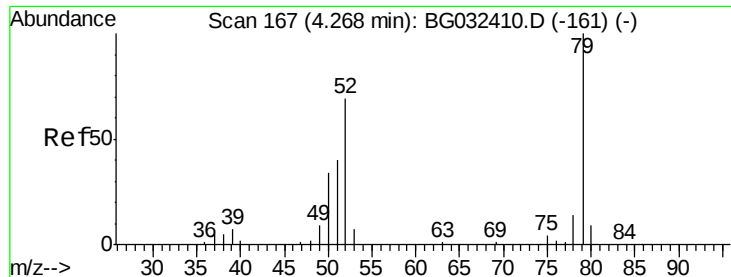
58 69.3 79.6 119.4#

43 30.4 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: 41.77 ng

RT: 4.25 min Scan# 163

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

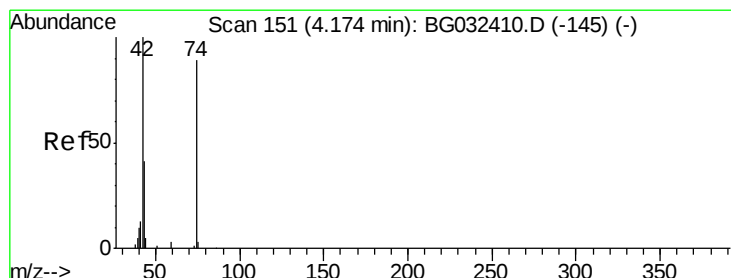
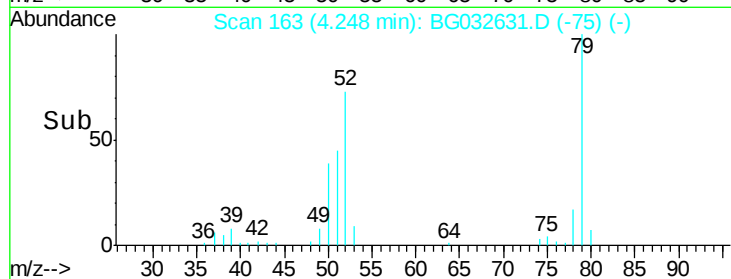
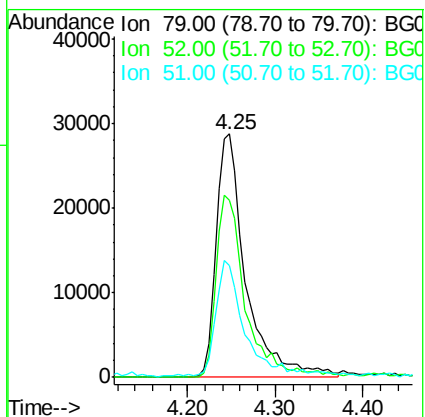
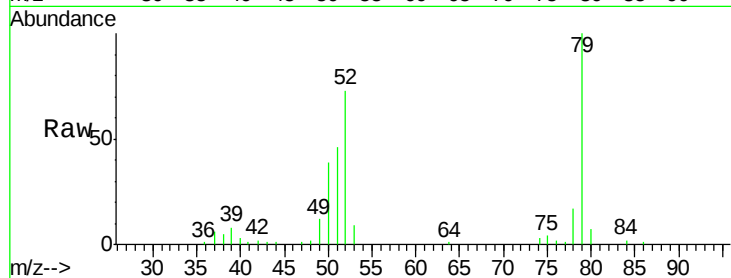
Tot Ion: 79 Resp: 67321

Ion Ratio Lower Upper

79 100

52 72.9 69.9 104.9

51 45.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 41.27 ng

RT: 4.15 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

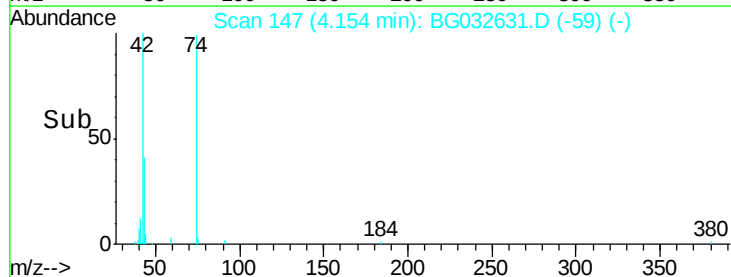
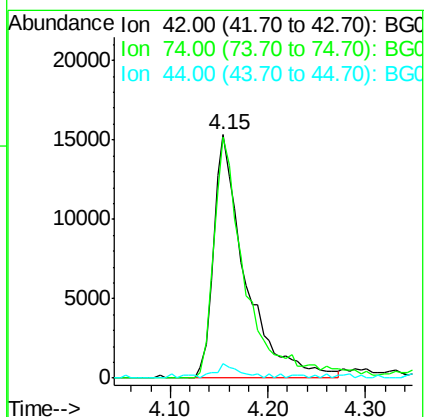
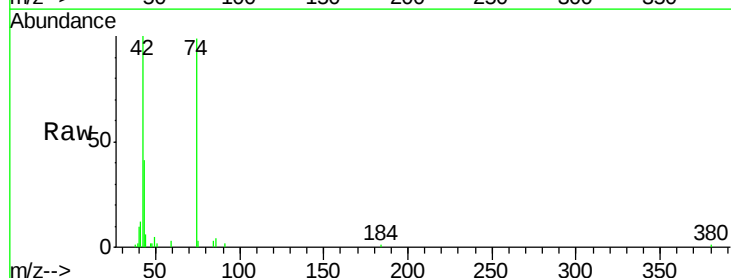
Tgt Ion: 42 Resp: 34620

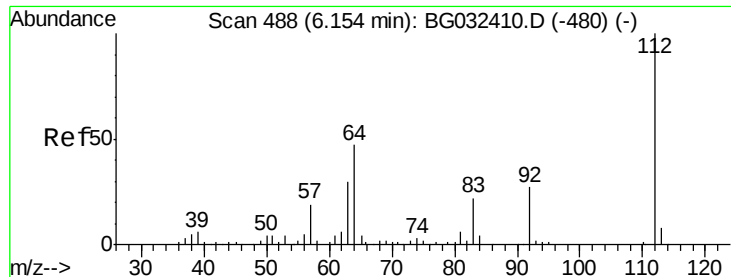
Ion Ratio Lower Upper

42 100

74 99.0 102.5 153.7#

44 6.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 73.06 ng

RT: 6.13 min Scan# 483

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampled :

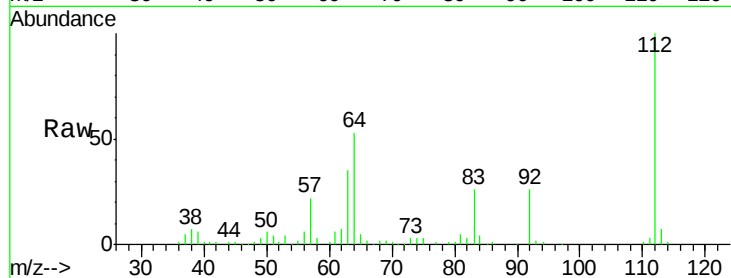
Tot Ion: 112 Resp: 129594

Ion Ratio Lower Upper

112 100

64 52.6 56.3 84.5#

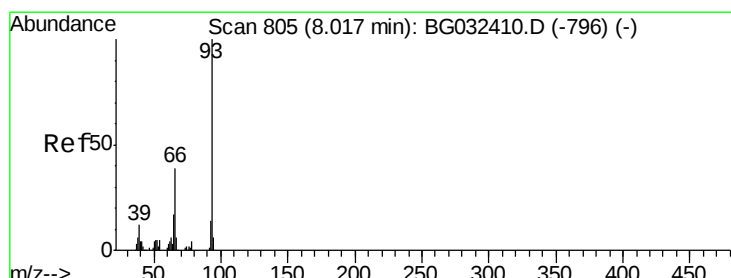
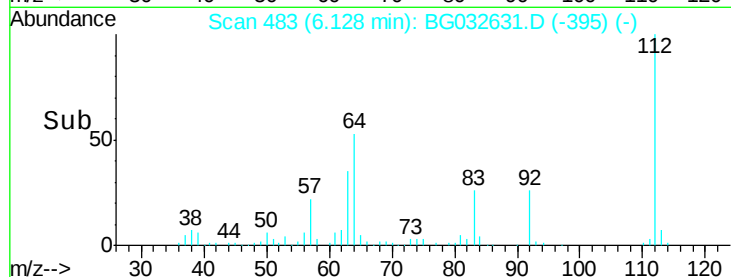
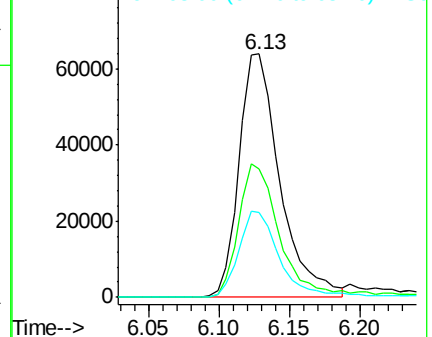
63 35.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.60 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

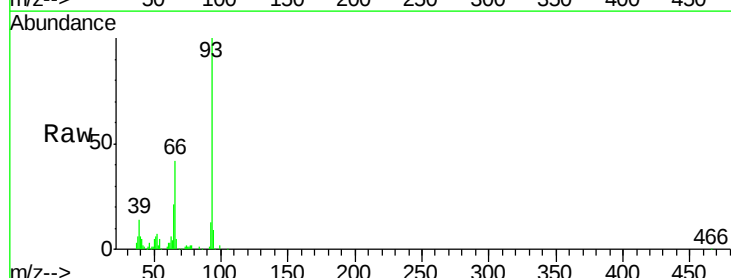
Tgt Ion: 93 Resp: 113911

Ion Ratio Lower Upper

93 100

66 41.8 33.7 50.5

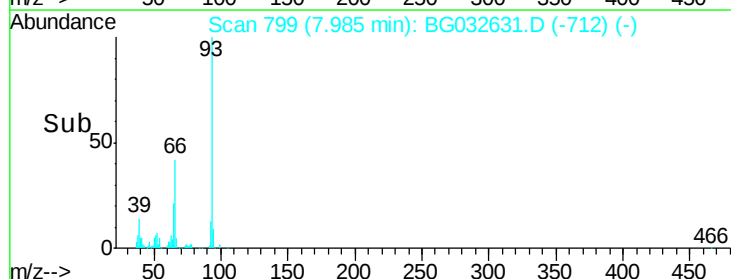
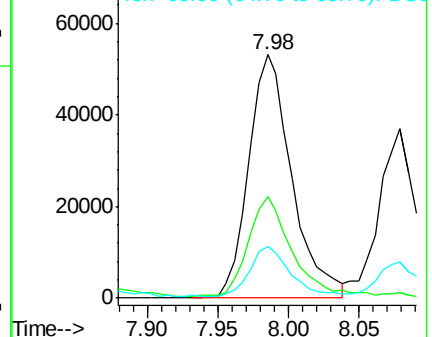
65 21.1 16.1 24.1

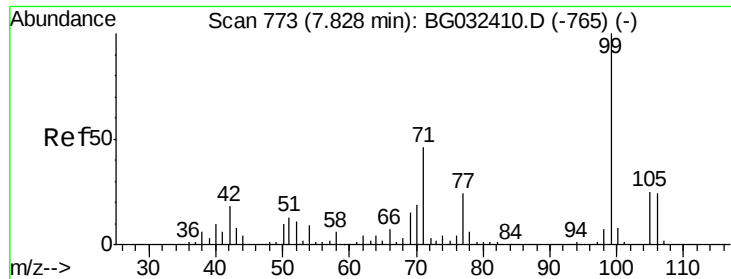


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.98 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

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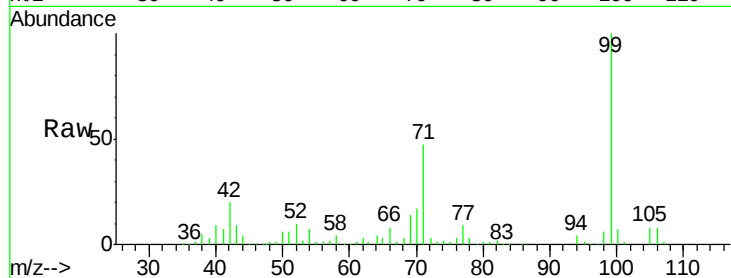
Tot Ion: 99 Resp: 194051

Ion Ratio Lower Upper

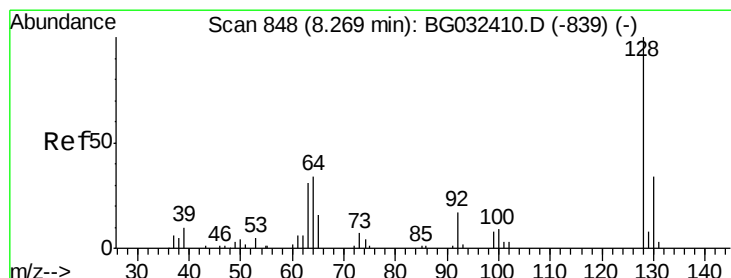
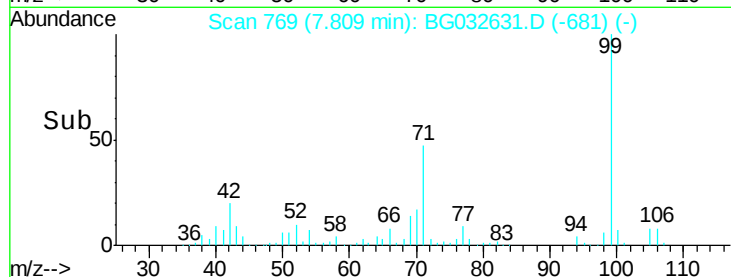
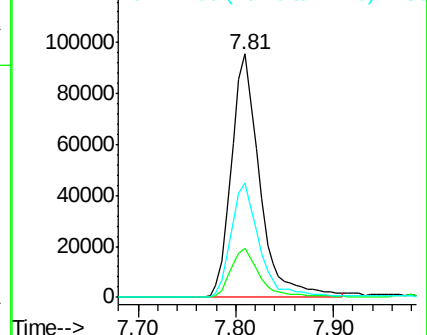
99 100

42 20.0 14.1 21.1

71 46.8 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: 37.57 ng

RT: 8.24 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

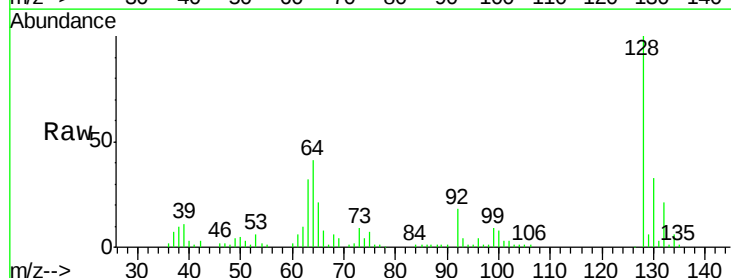
Tgt Ion: 128 Resp: 78778

Ion Ratio Lower Upper

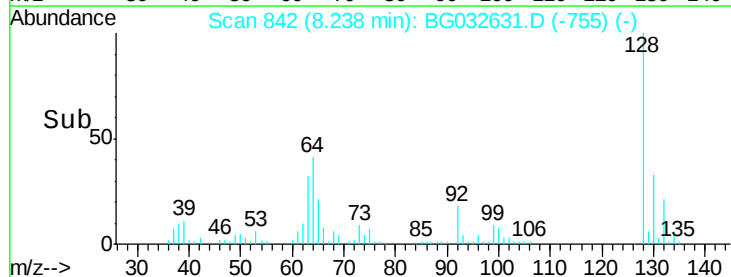
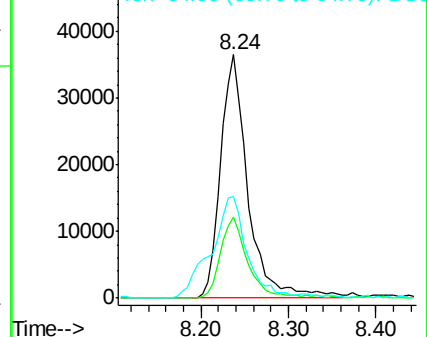
128 100

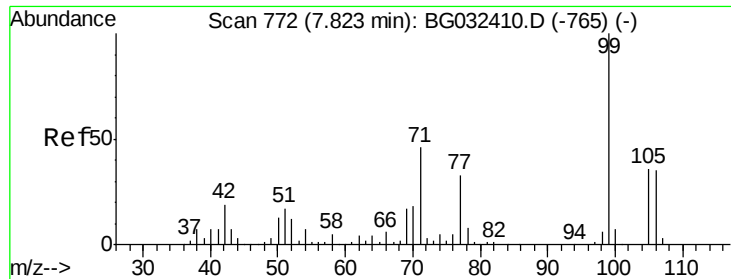
130 33.2 14.0 54.0

64 41.5 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: 28.56 ng

RT: 7.80 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampled :

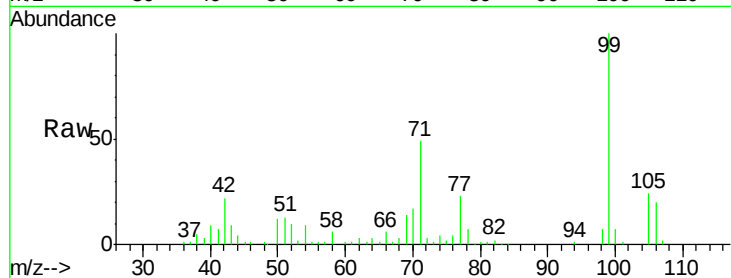
Tot Ion: 77 Resp: 34916

Ion Ratio Lower Upper

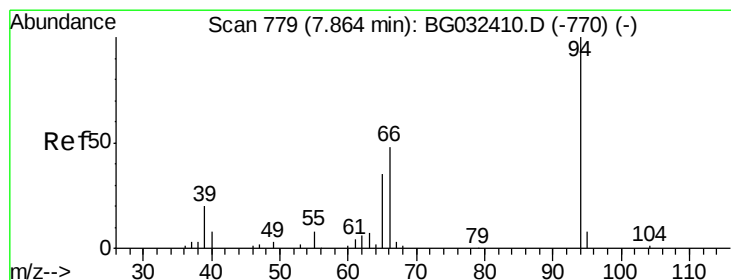
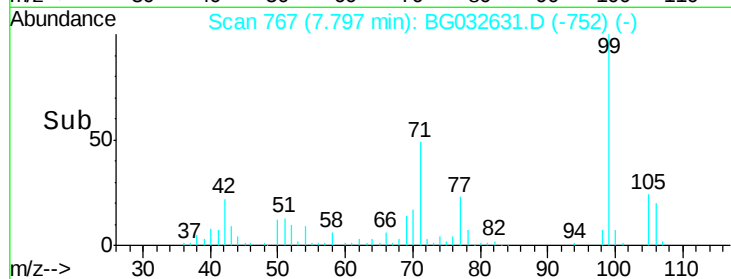
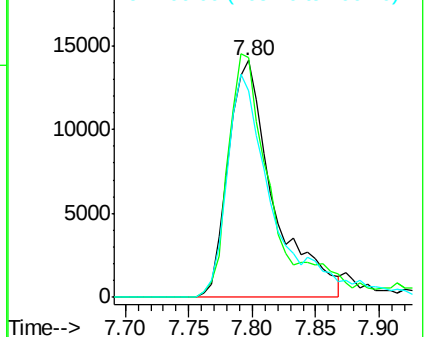
77 100

105 101.1 71.3 111.3

106 87.0 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: 40.43 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

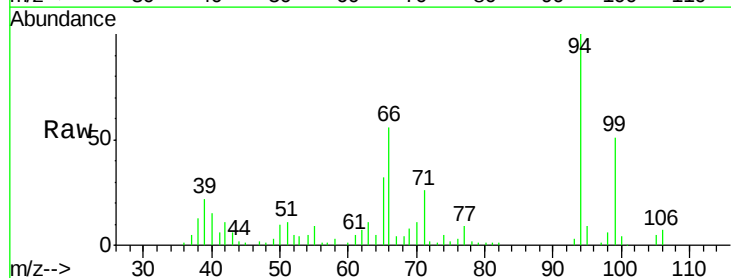
Tgt Ion: 94 Resp: 90881

Ion Ratio Lower Upper

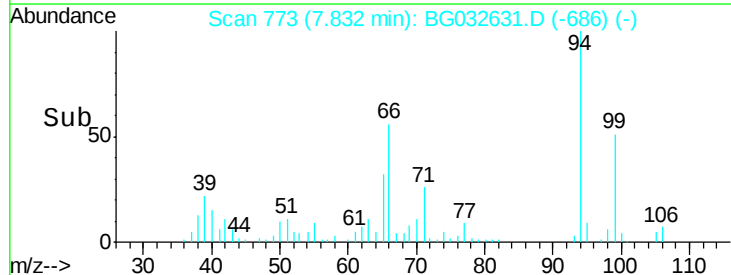
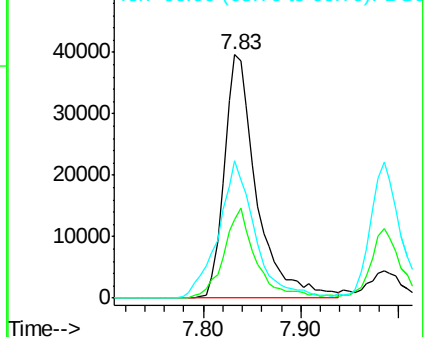
94 100

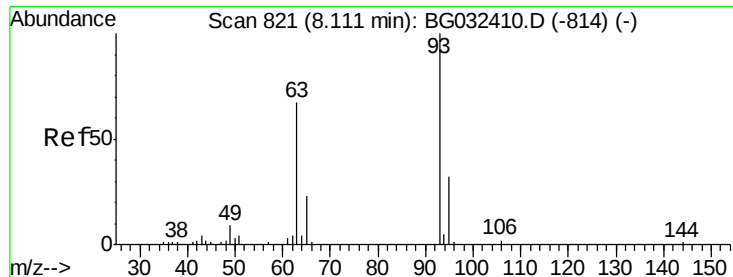
65 32.4 11.9 51.9

66 56.4 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: 44.41 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

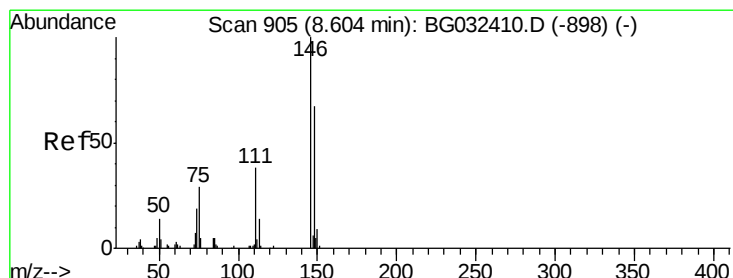
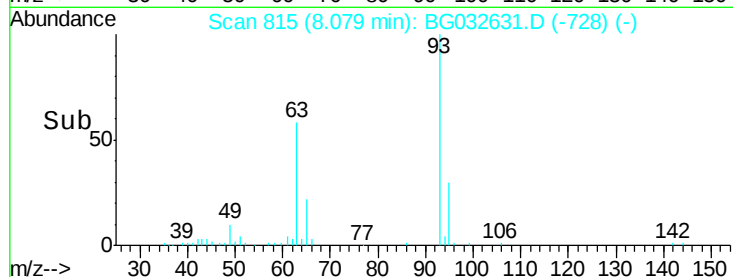
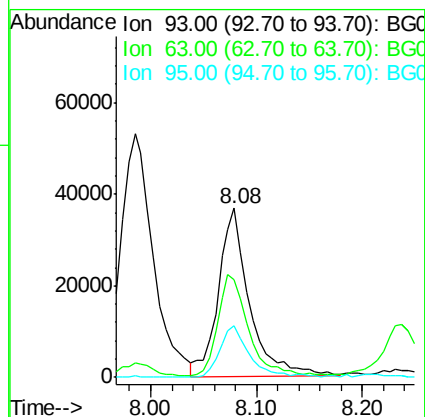
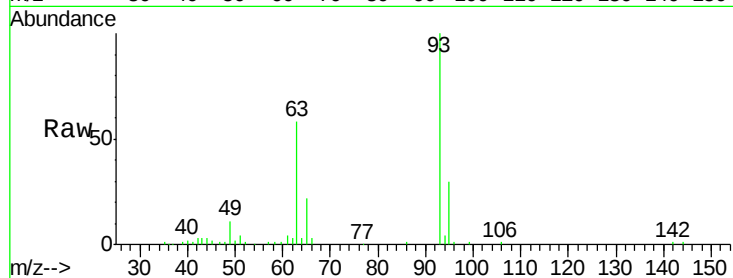
Tot Ion: 93 Resp: 76070

Ion Ratio Lower Upper

93 100

63 58.0 67.1 107.1#

95 30.2 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 36.91 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

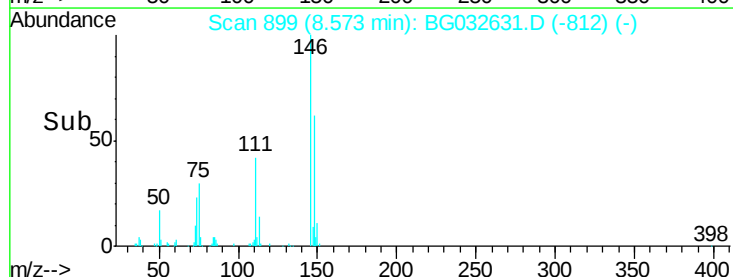
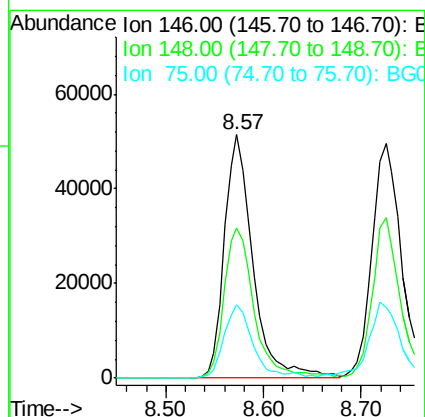
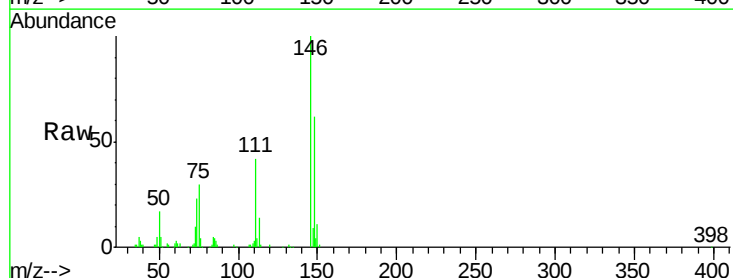
Tgt Ion: 146 Resp: 104669

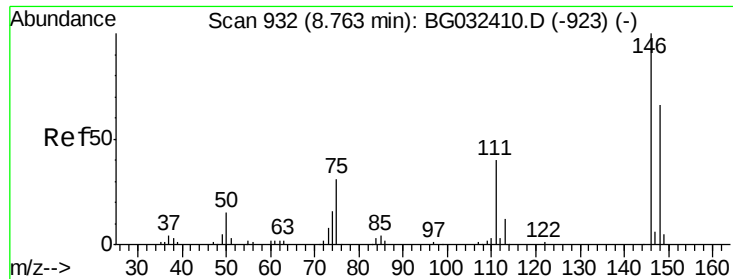
Ion Ratio Lower Upper

146 100

148 61.9 51.4 77.2

75 29.9 26.6 39.8

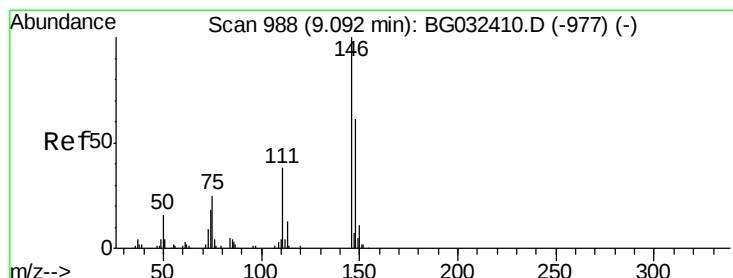
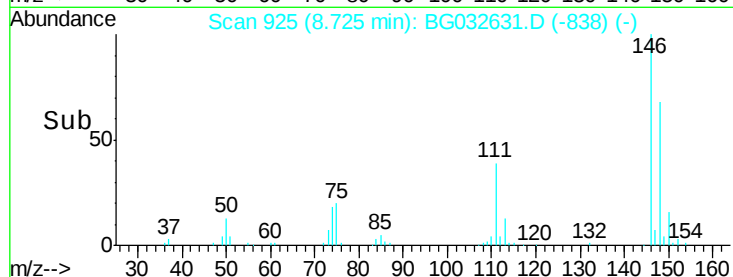
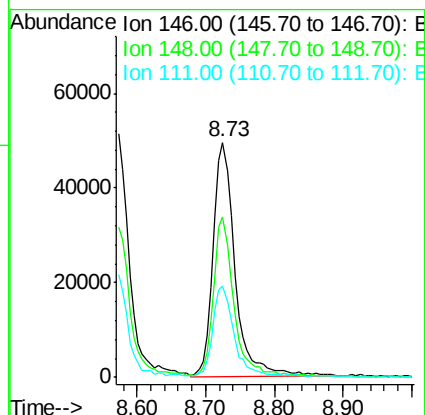
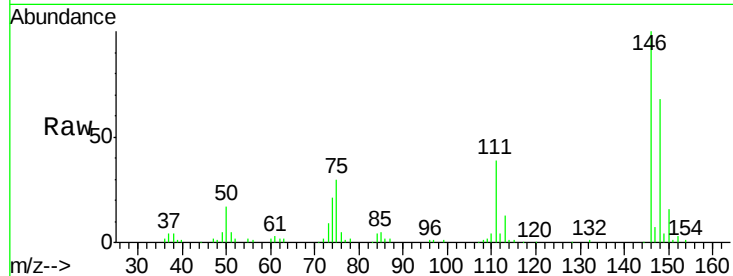




#13
 1,4-Dichlorobenzene
 Concen: 38.35 ng
 RT: 8.73 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

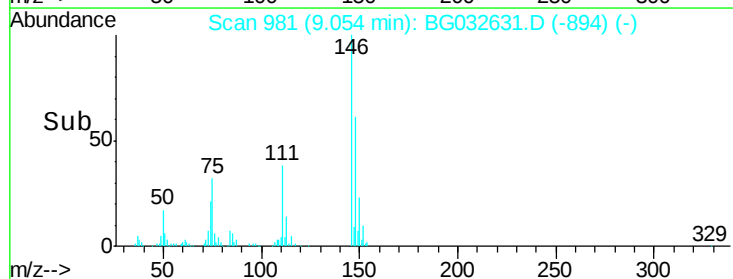
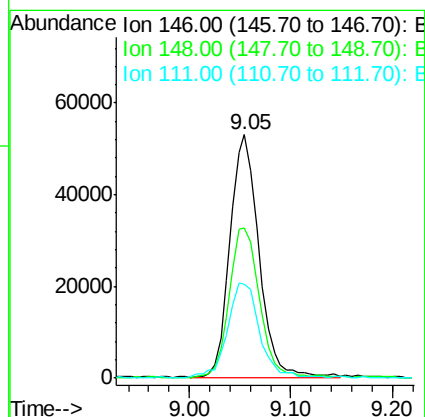
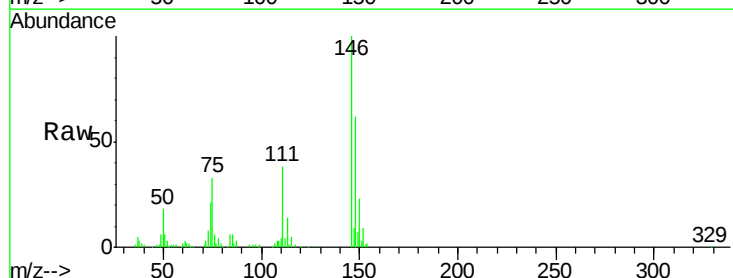
Instrument :
 BNA_G
 ClientSampleId :

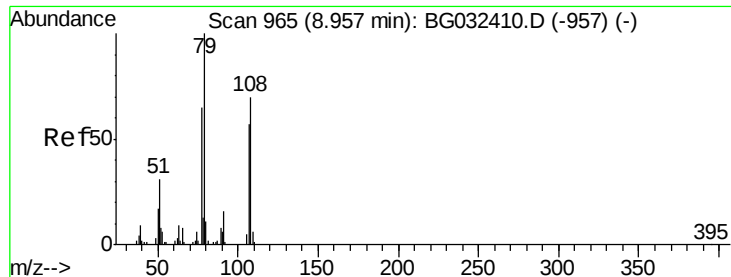
Tot Ion:146 Resp: 109009
 Ion Ratio Lower Upper
 146 100
 148 68.3 53.7 80.5
 111 39.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 38.20 ng
 RT: 9.05 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion:146 Resp: 106347
 Ion Ratio Lower Upper
 146 100
 148 61.8 49.3 73.9
 111 38.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 37.19 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

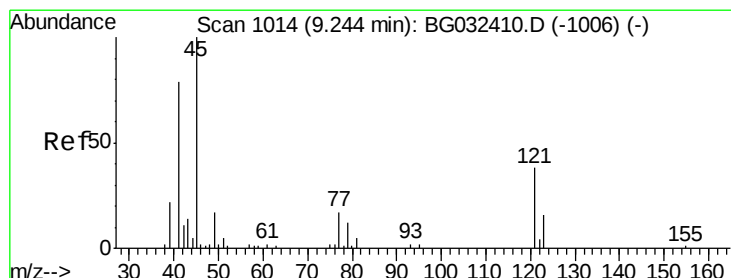
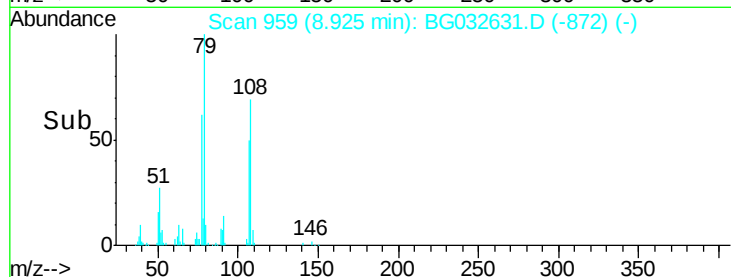
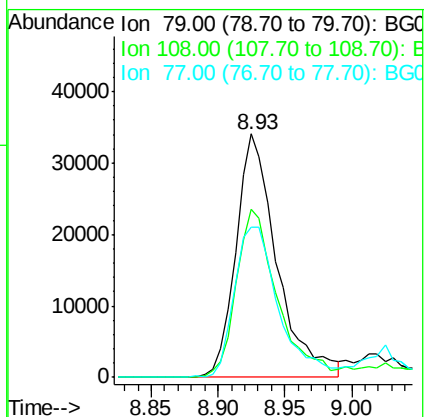
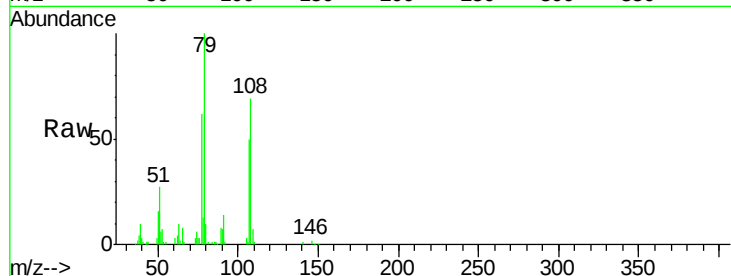
Tot Ion: 79 Resp: 72544

Ion Ratio Lower Upper

79 100

108 69.1 57.2 85.8

77 61.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.71 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

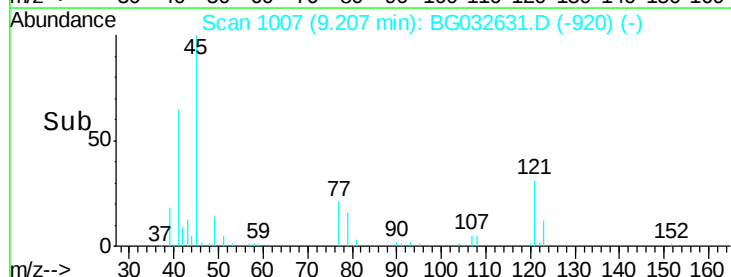
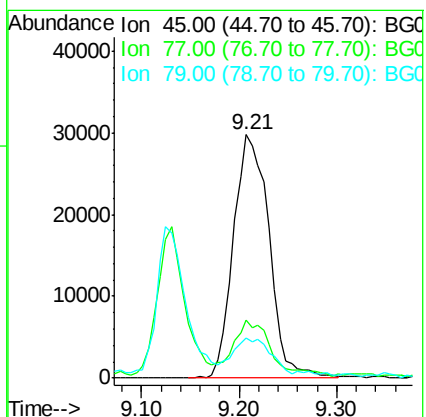
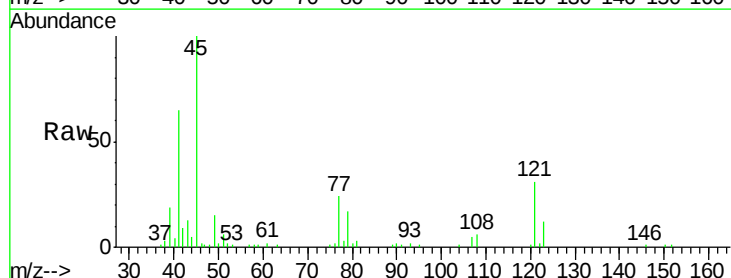
Tgt Ion: 45 Resp: 75808

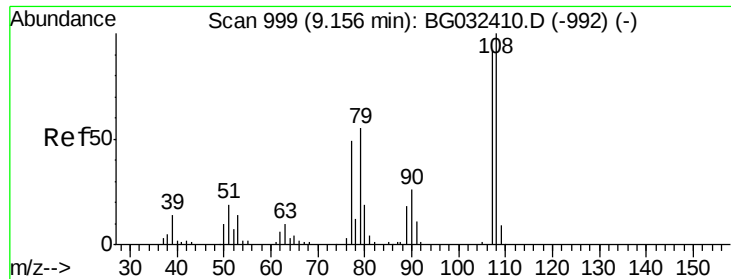
Ion Ratio Lower Upper

45 100

77 23.8 0.0 30.2

79 16.7 0.0 27.9

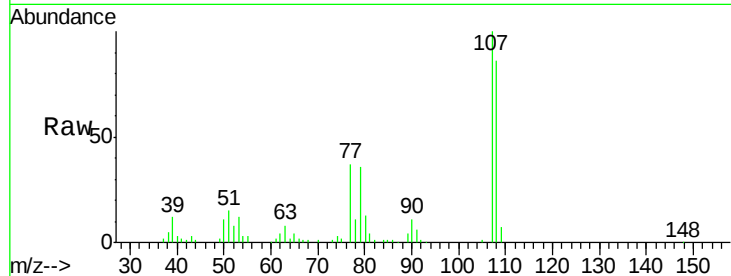




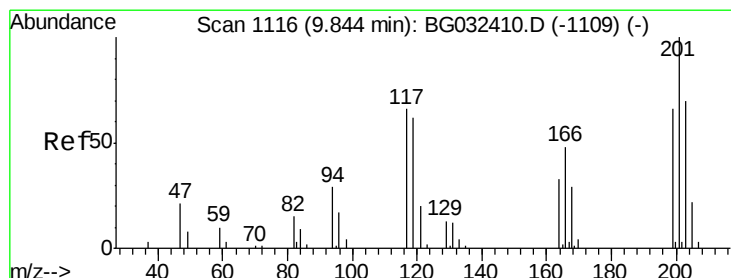
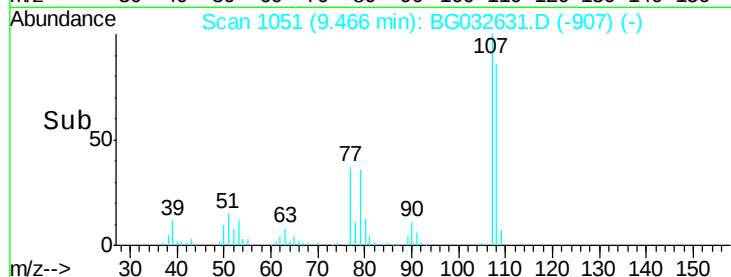
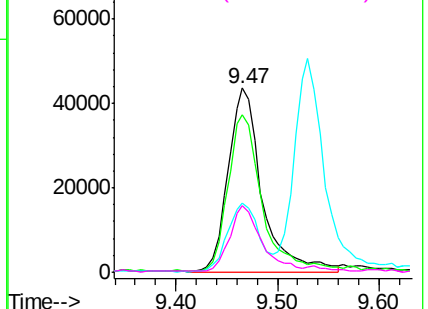
#17
2-Methylphenol
Concen: 55.82 ng
RT: 9.47 min Scan# 1051
Delta R.T. 0.31 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 101904
Ion Ratio Lower Upper
107 100
108 85.6 83.9 125.9
77 37.5 37.2 55.8
79 36.4 36.2 54.2

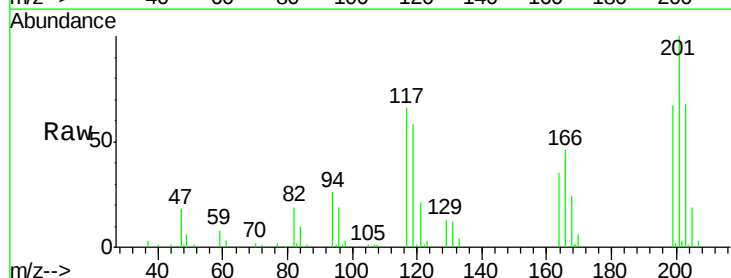


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

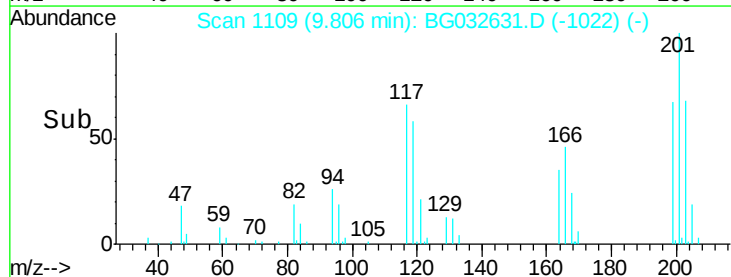
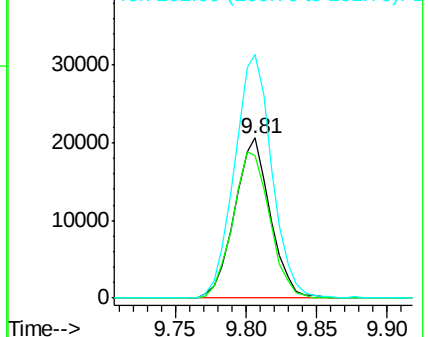


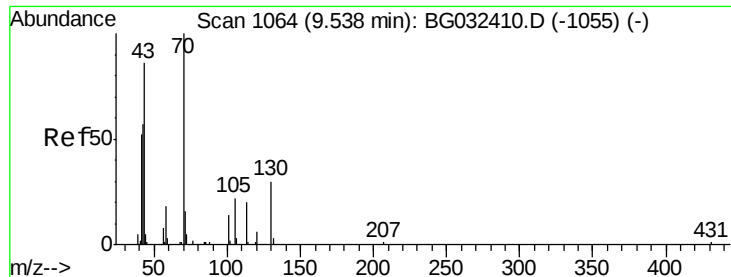
#18
Hexachloroethane
Concen: 38.10 ng
RT: 9.81 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion:117 Resp: 36352
Ion Ratio Lower Upper
117 100
119 88.7 76.7 115.1
201 152.3 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

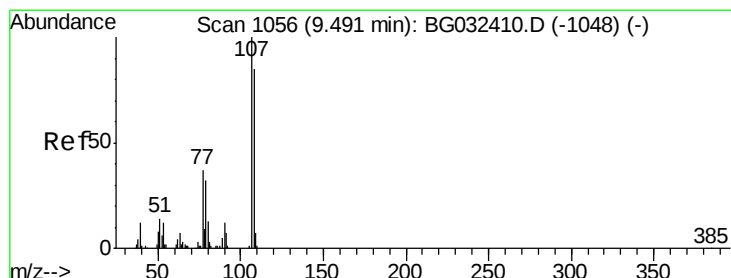
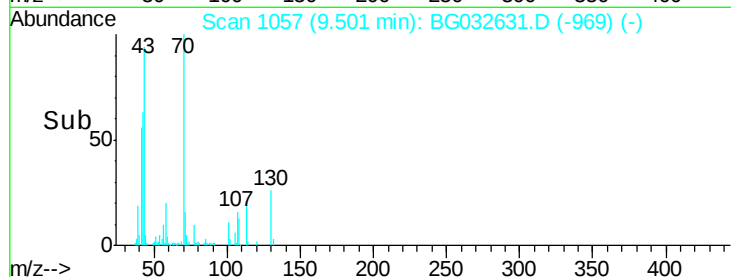
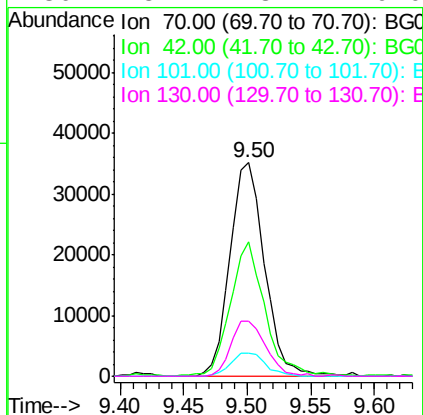
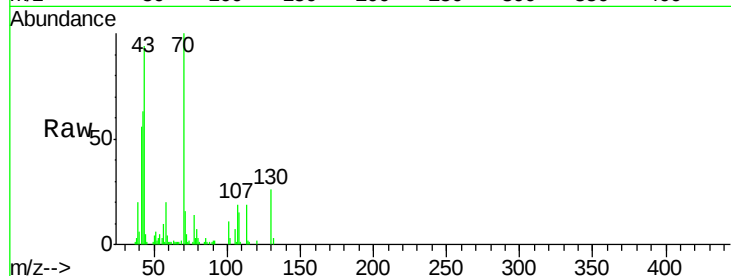




#19
n-Nitroso-di-n-propylamine
Concen: 42.43 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

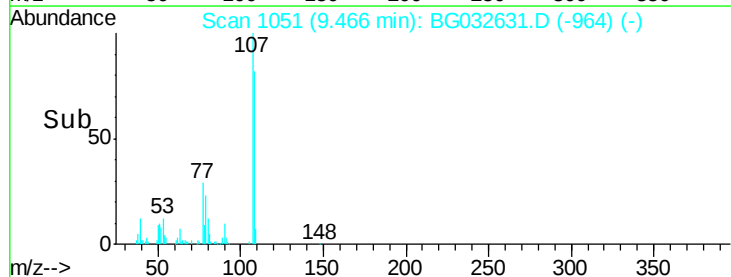
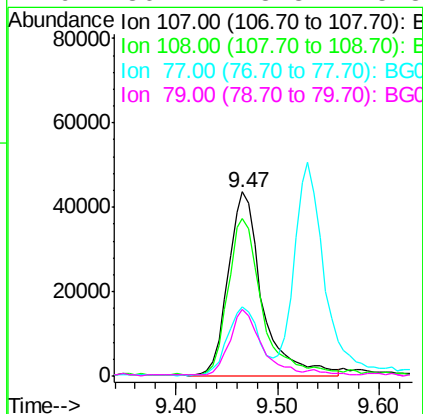
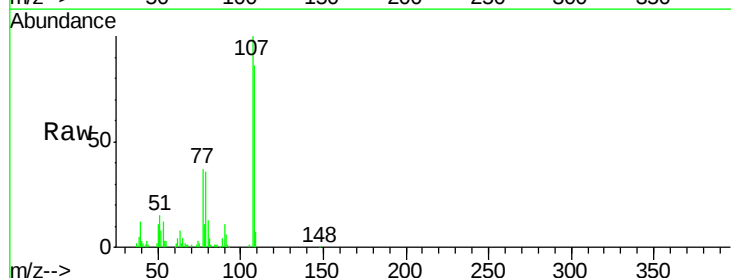
Instrument :
BNA_G
ClientSampleId :

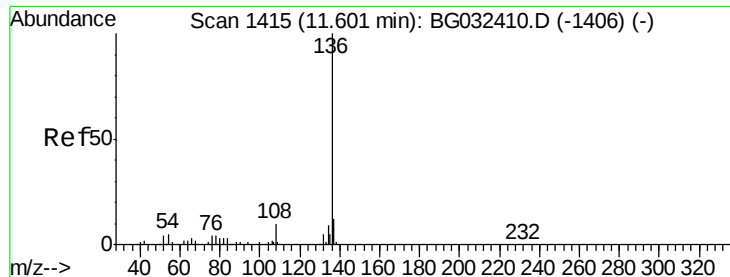
Tot Ion: 70 Resp: 66586
Ion Ratio Lower Upper
70 100
42 62.8 49.1 73.7
101 11.0 8.5 12.7
130 25.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.79 ng
RT: 9.47 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion: 107 Resp: 101904
Ion Ratio Lower Upper
107 100
108 85.6 61.6 101.6
77 37.5 13.9 53.9
79 36.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 157124

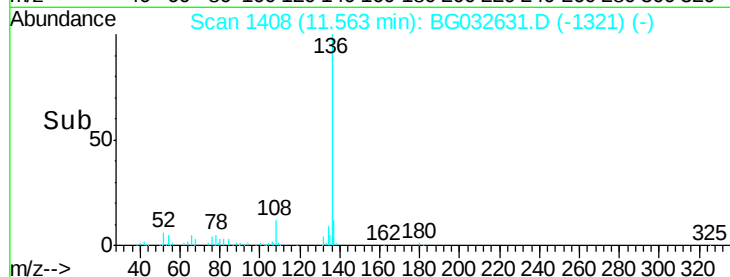
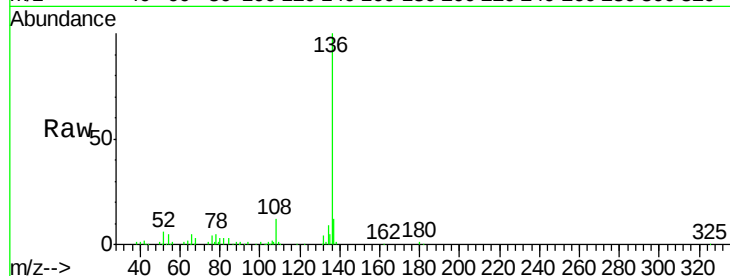
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 4.9 10.3 15.5#

68 3.1 4.5 6.7#

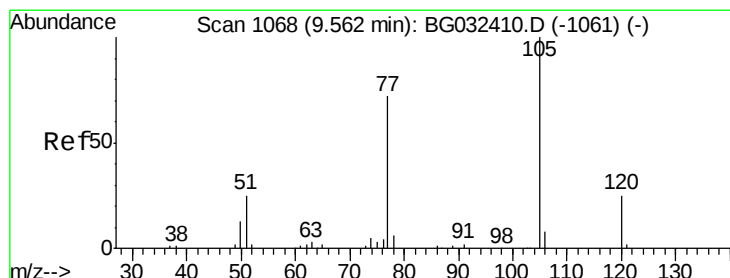
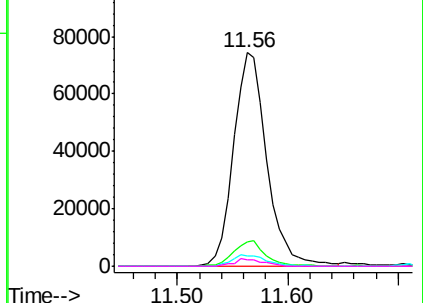


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.97 ng

RT: 9.53 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Tgt Ion:105 Resp: 136174

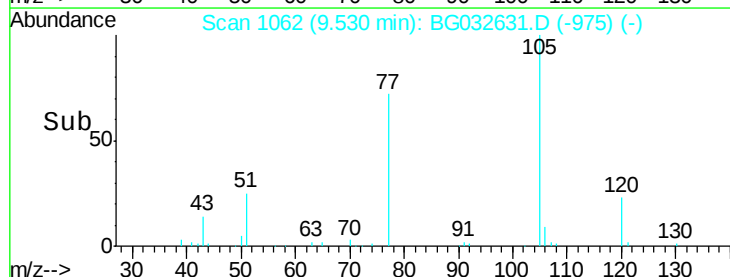
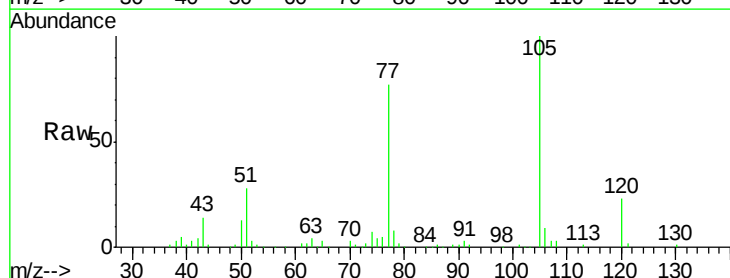
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 27.7 26.1 39.1

120 23.4 17.4 26.2

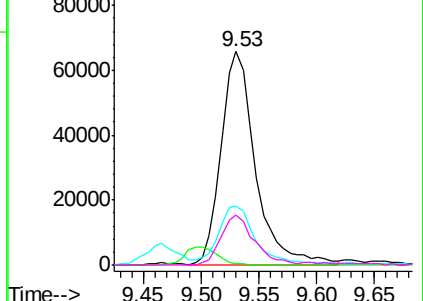


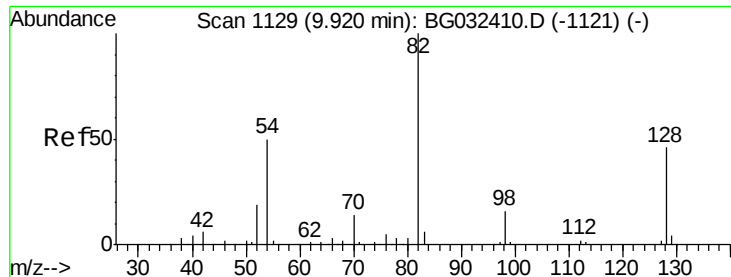
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

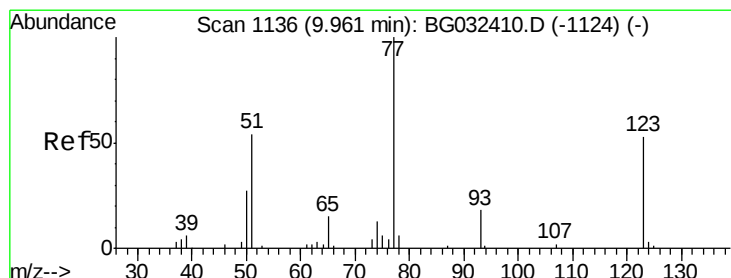
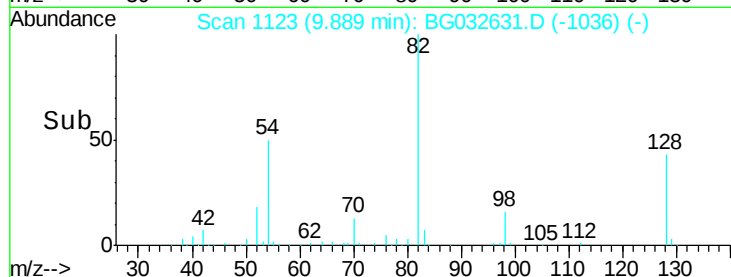
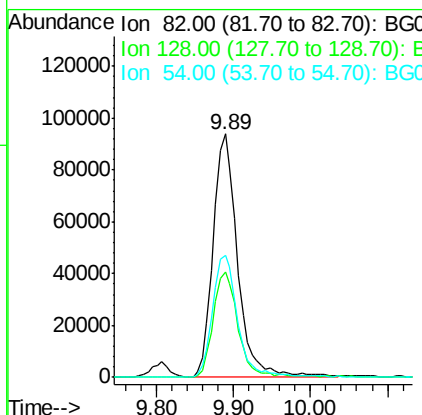
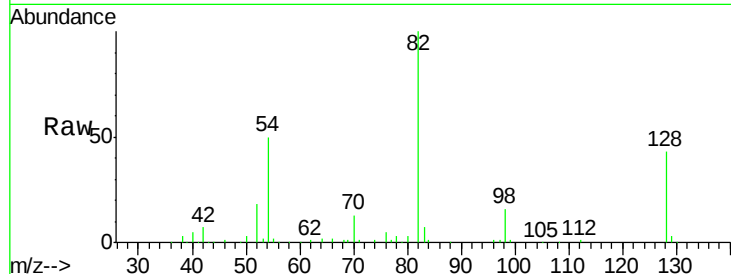




#23
 Nitrobenzene-d5
 Concen: 81.31 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

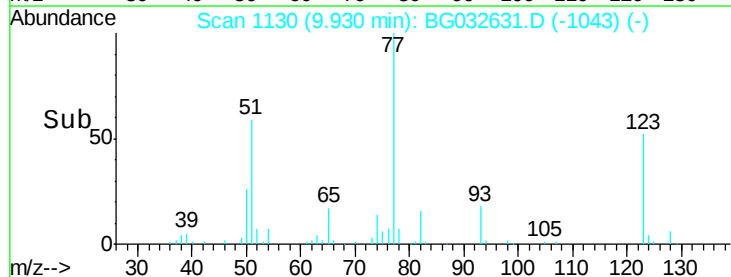
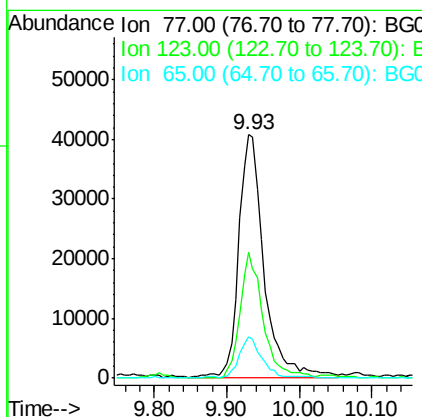
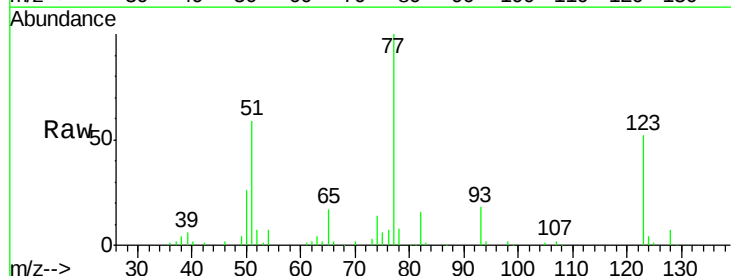
Instrument :
 BNA_G
 ClientSampleID :

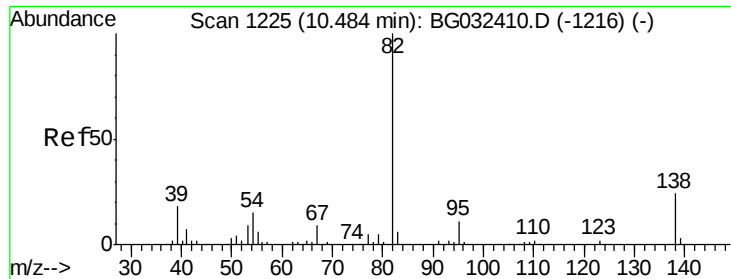
Tot Ion	82	Resp	204552
Ion Ratio	100	Lower	Upper
128	43.3	29.7	44.5
54	50.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 40.98 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion	77	Resp	99674
Ion Ratio	100	Lower	Upper
123	51.7	33.0	49.6#
65	17.2	13.0	19.6





#25

Isophorone

Concen: 42.75 ng

RT: 10.45 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

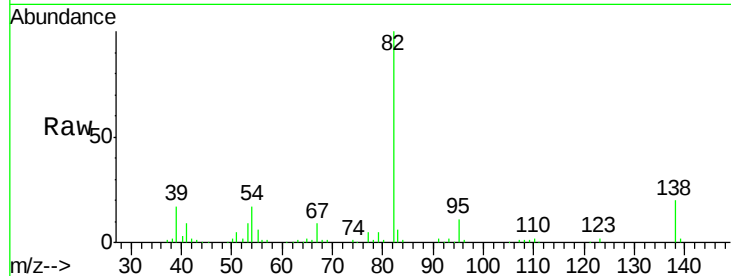
Tot Ion: 82 Resp: 183133

Ion Ratio Lower Upper

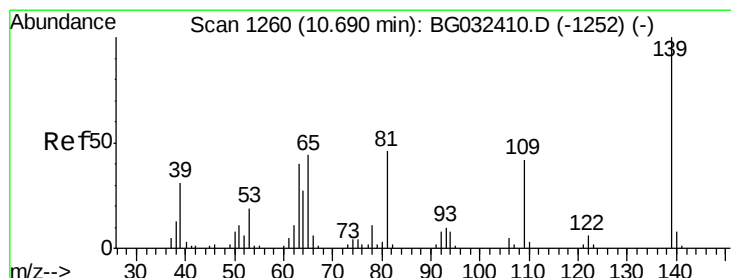
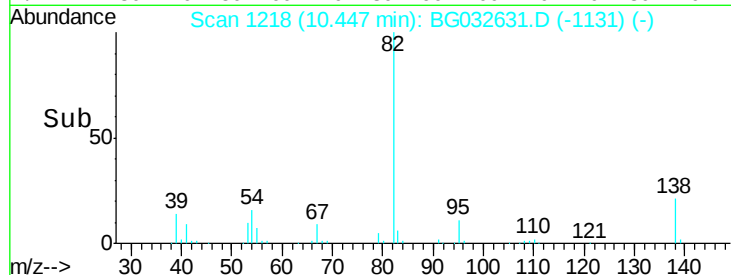
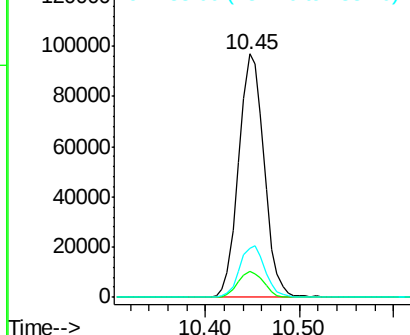
82 100

95 10.5 6.2 9.2#

138 20.2 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 37.28 ng

RT: 10.65 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

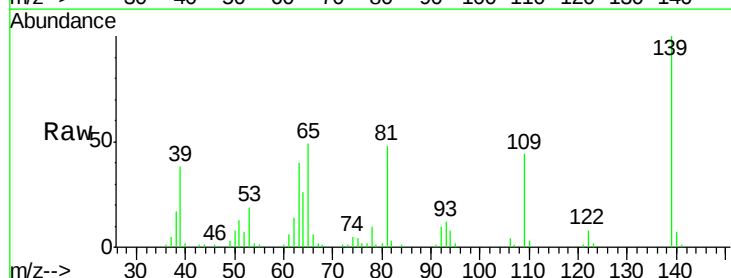
Tgt Ion: 139 Resp: 54815

Ion Ratio Lower Upper

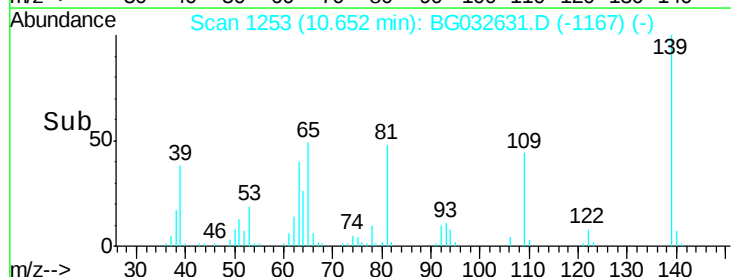
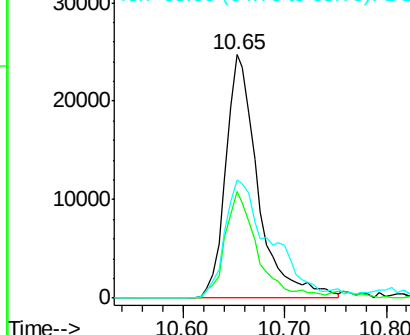
139 100

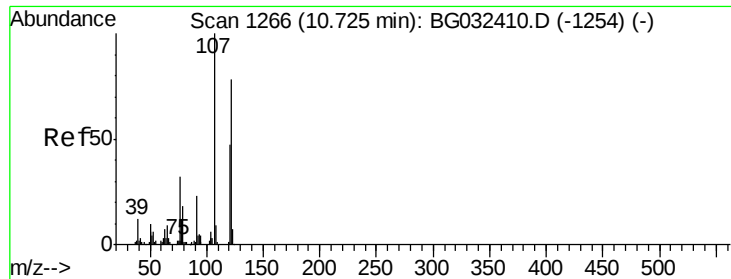
109 43.8 24.2 36.2#

65 48.6 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 35.58 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

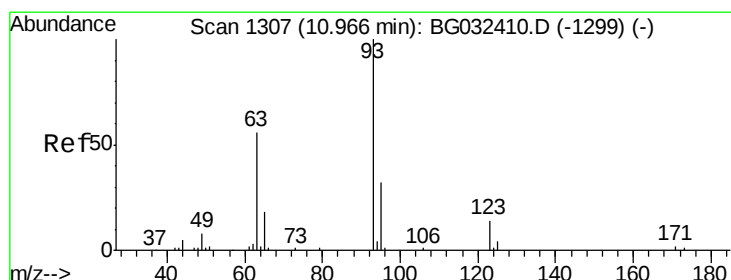
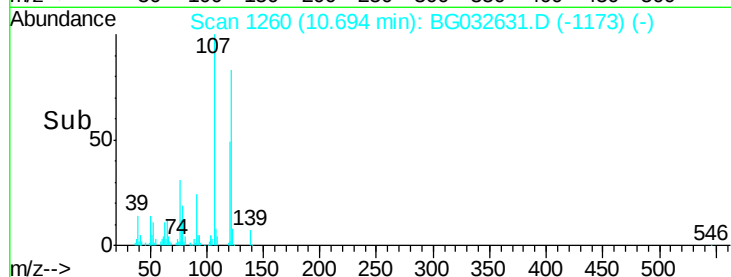
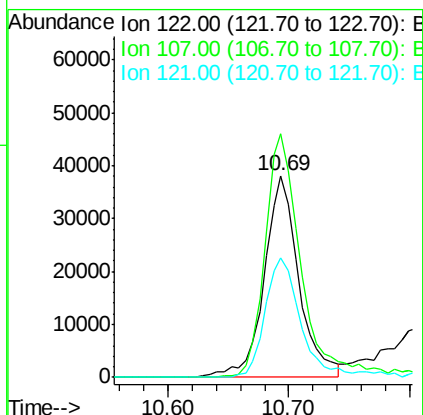
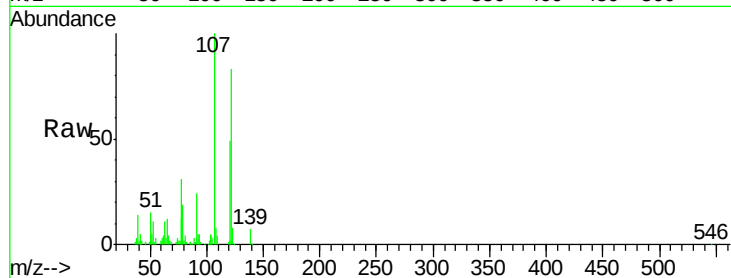
Tot Ion:122 Resp: 75100

Ion Ratio Lower Upper

122 100

107 120.8 100.2 150.2

121 59.5 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 39.84 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

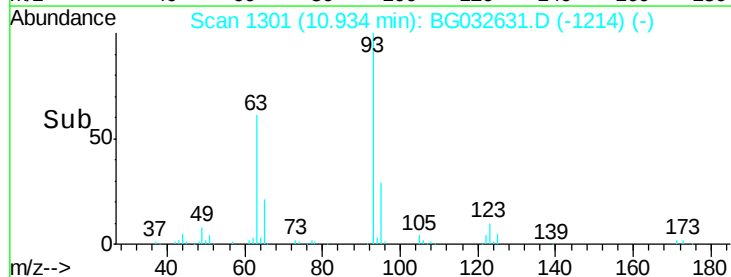
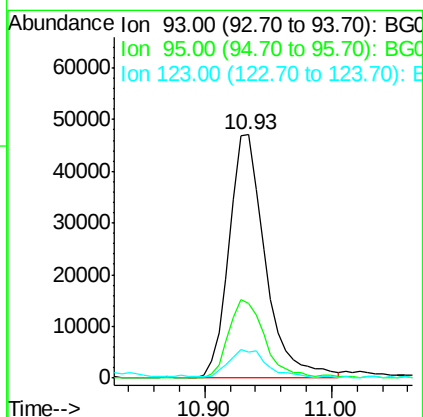
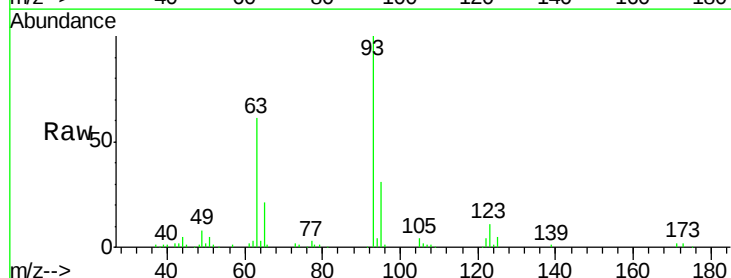
Tgt Ion: 93 Resp: 93586

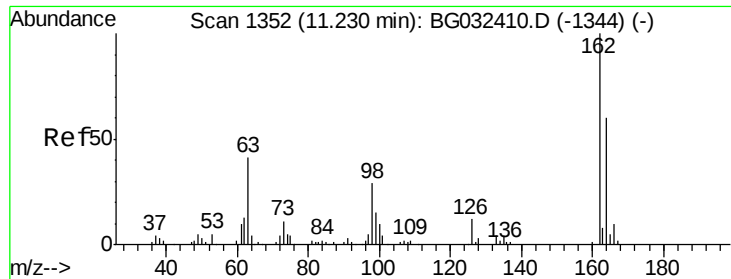
Ion Ratio Lower Upper

93 100

95 30.9 24.3 36.5

123 10.8 8.4 12.6

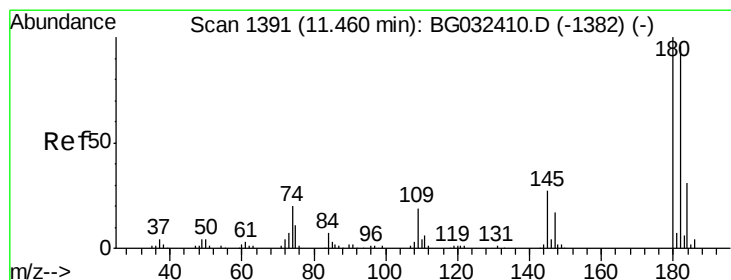
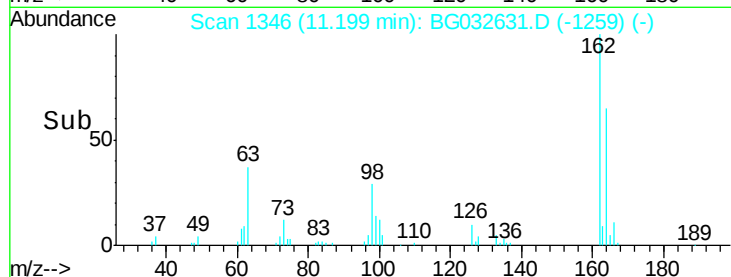
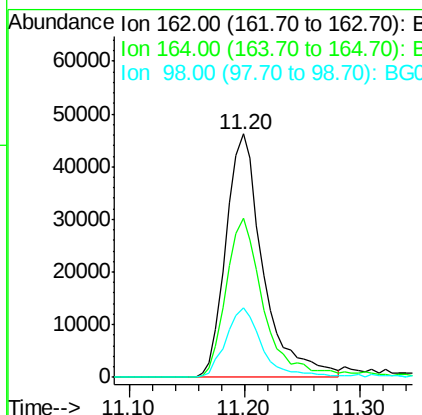
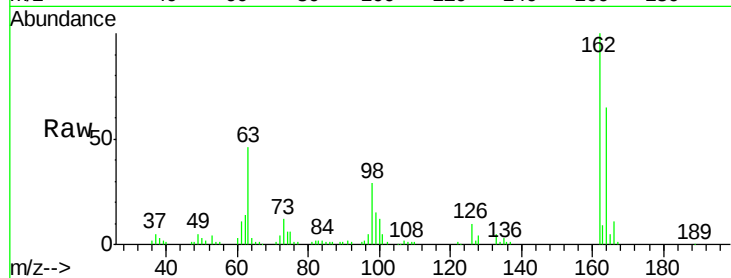




#29
 2,4-Dichlorophenol
 Concen: 37.03 ng
 RT: 11.20 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

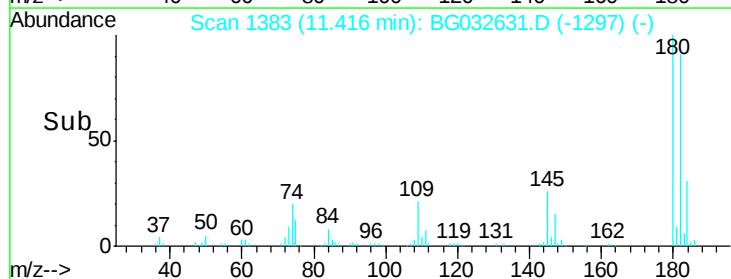
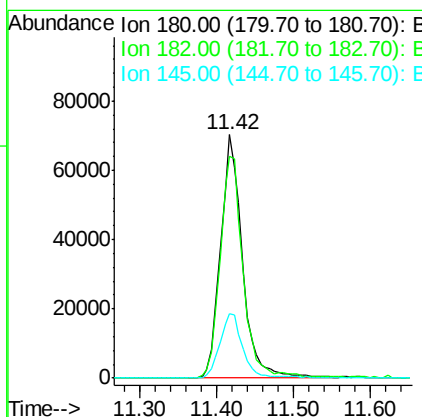
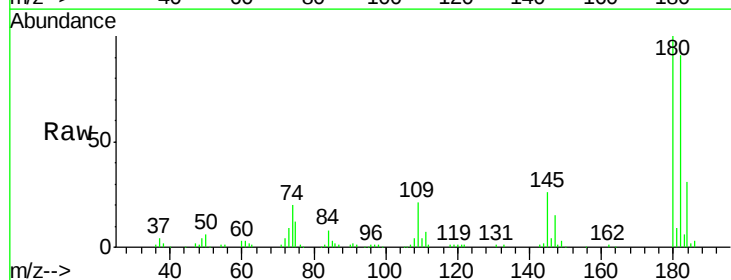
Instrument :
 BNA_G
 ClientSampleId :

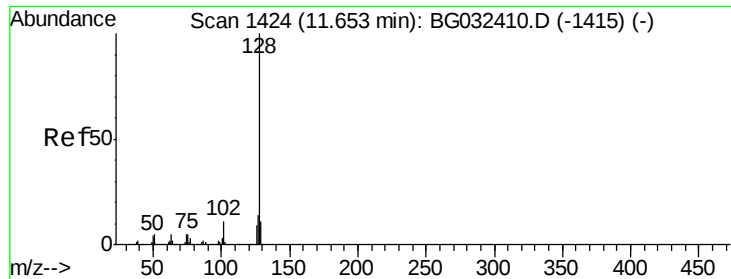
Tot Ion:162 Resp: 103531
 Ion Ratio Lower Upper
 162 100
 164 65.4 48.0 88.0
 98 28.6 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.22 ng
 RT: 11.42 min Scan# 1383
 Delta R.T. -0.03 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion:180 Resp: 138695
 Ion Ratio Lower Upper
 180 100
 182 91.2 77.5 116.3
 145 26.4 23.4 35.2

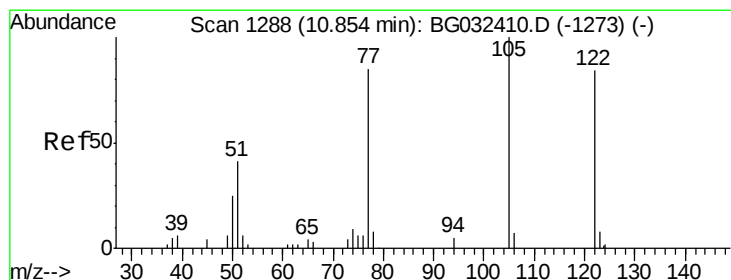
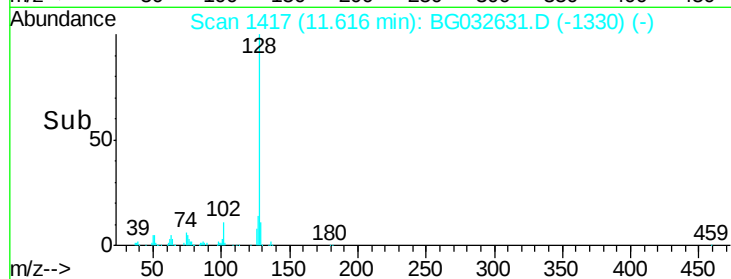
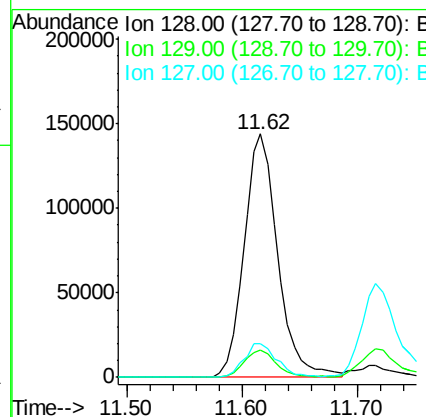
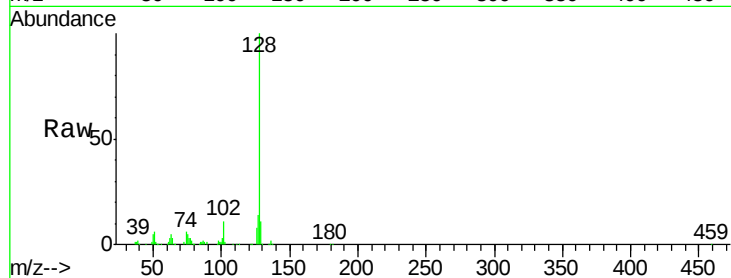




#31
Naphthalene
Concen: 37.84 ng
RT: 11.62 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

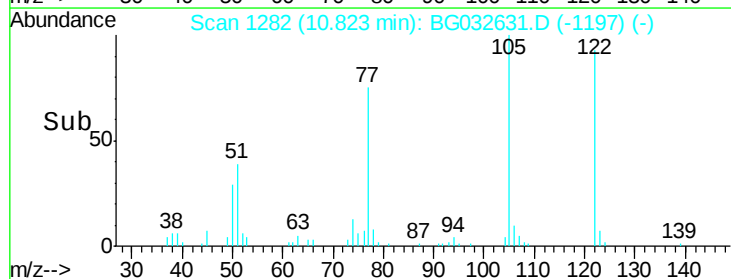
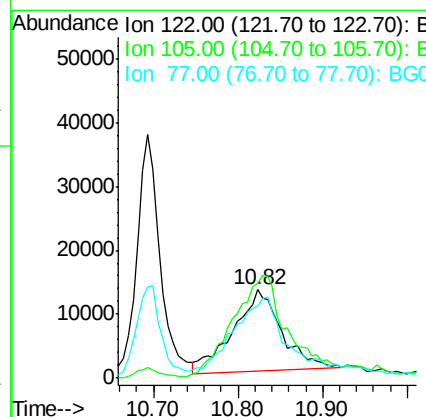
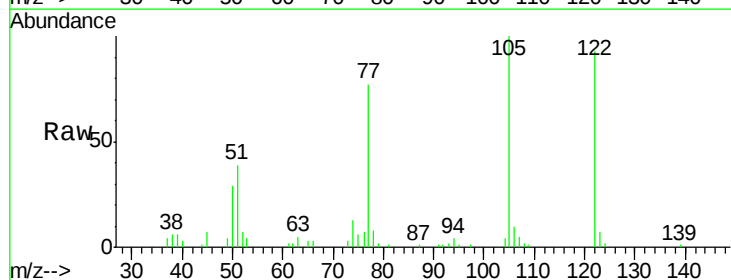
Instrument :
BNA_G
ClientSampleId :

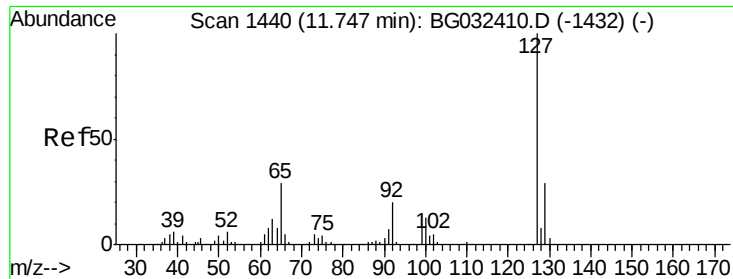
Tot Ion:128 Resp: 290352
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 34.19 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion:122 Resp: 49940
Ion Ratio Lower Upper
122 100
105 107.0 123.5 163.5#
77 81.9 85.7 125.7#

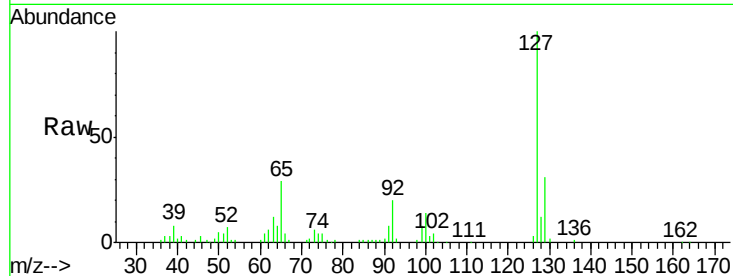




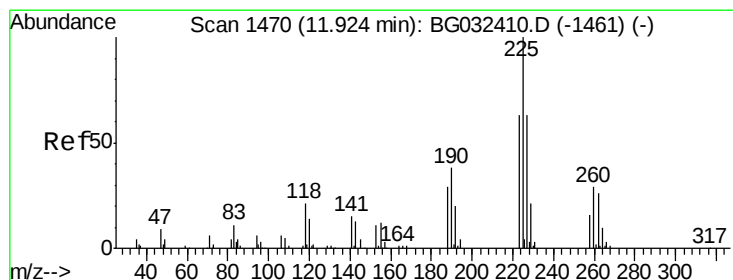
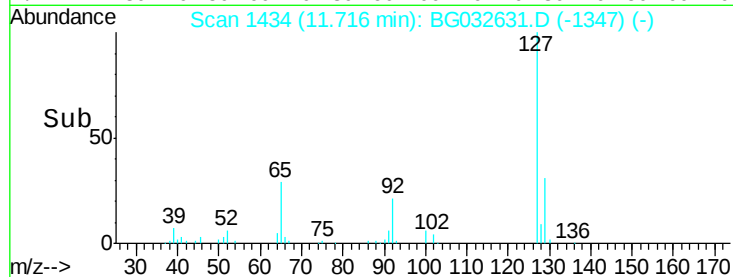
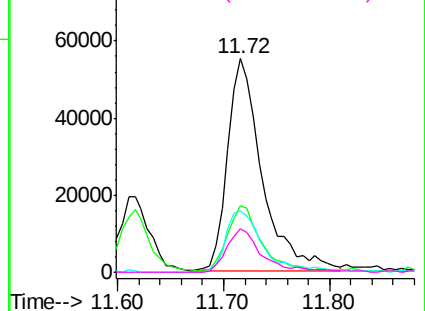
#33
 4-Chloroaniline
 Concen: 36.26 ng
 RT: 11.72 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	124110
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.0	36.0
65	28.8	27.0	40.4
92	20.3	16.6	25.0

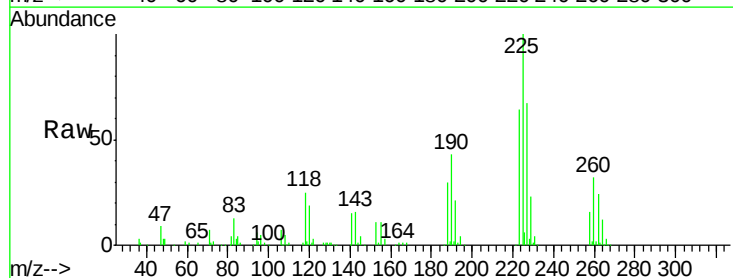


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

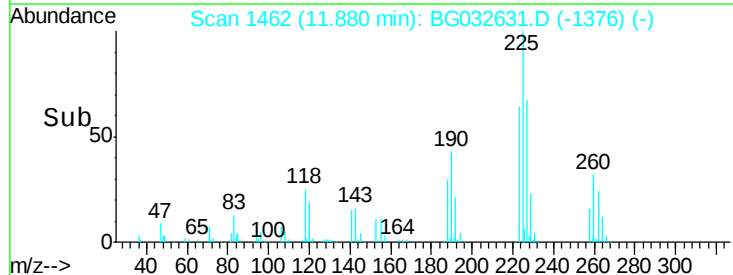
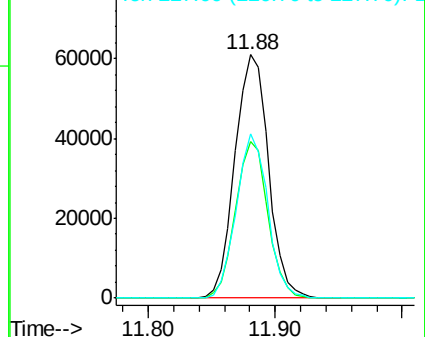


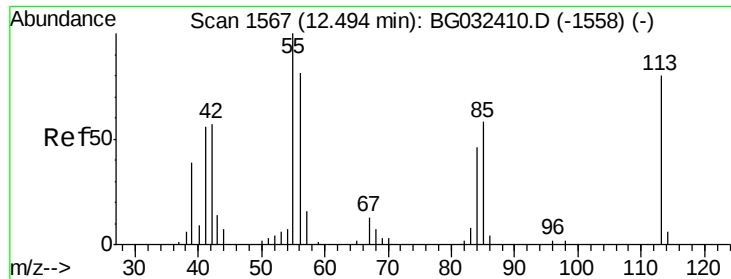
#34
 Hexachlorobutadiene
 Concen: 38.54 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.03 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion:	225	Resp:	111746
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.7	74.5
227	67.2	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.94 ng

RT: 12.47 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampled :

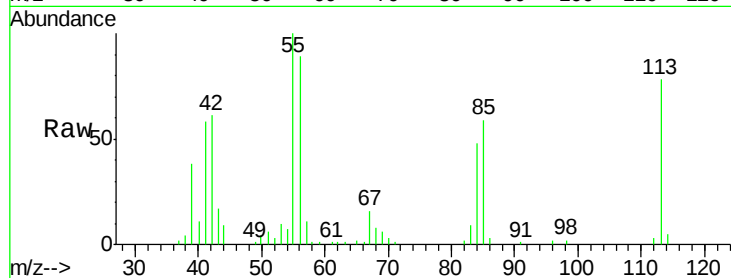
Tot Ion:113 Resp: 29648

Ion Ratio Lower Upper

113 100

55 129.0 186.9 226.9#

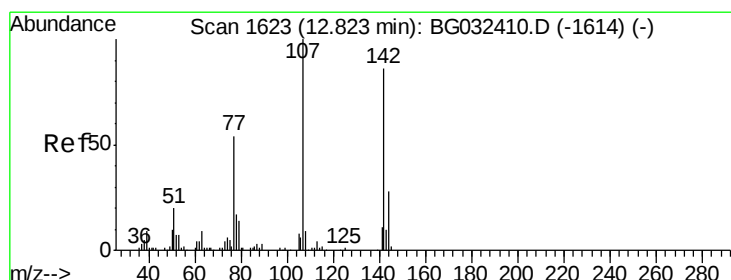
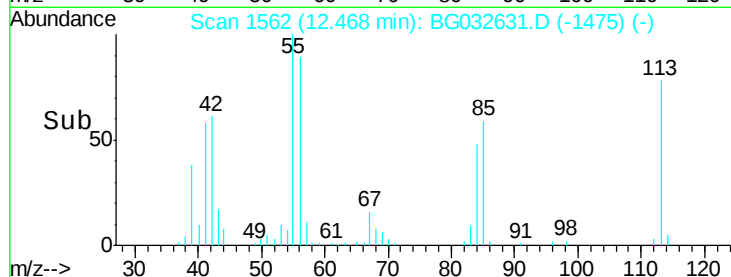
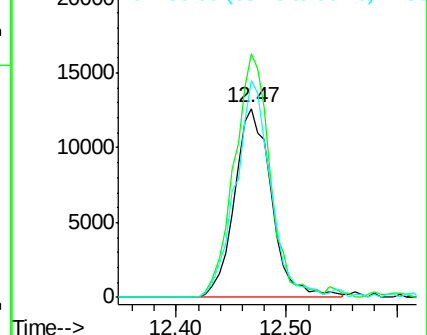
56 115.1 130.9 170.9#



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: 38.43 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.03 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

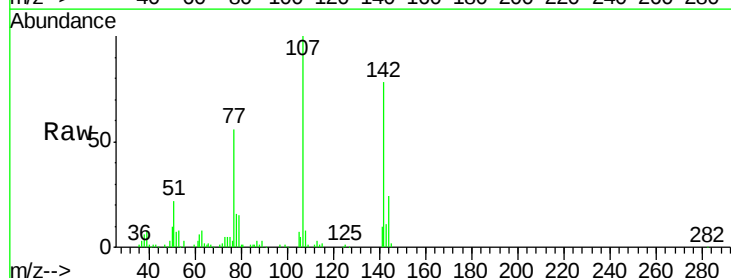
Tgt Ion:107 Resp: 101925

Ion Ratio Lower Upper

107 100

144 24.0 18.2 27.4

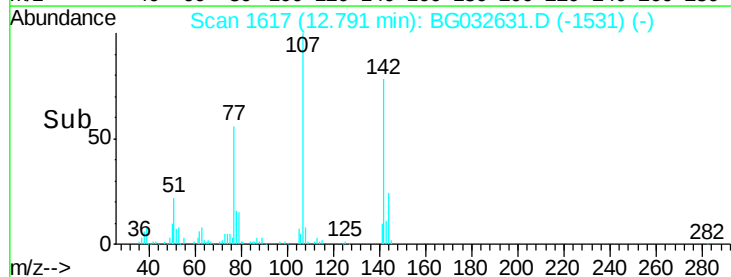
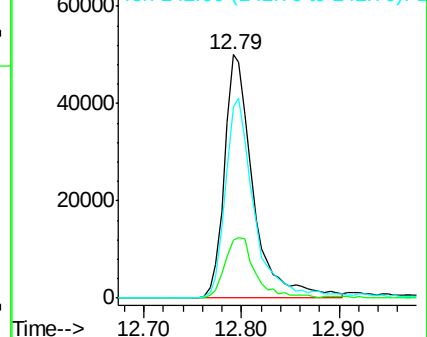
142 78.5 59.0 88.4

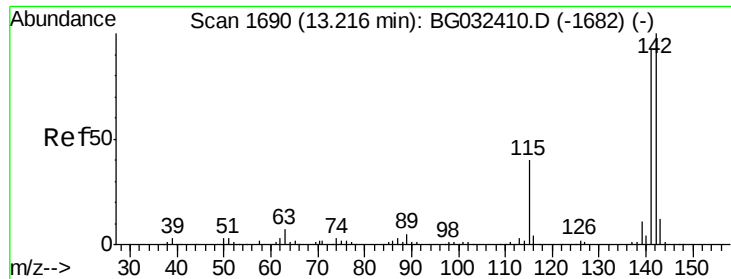


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

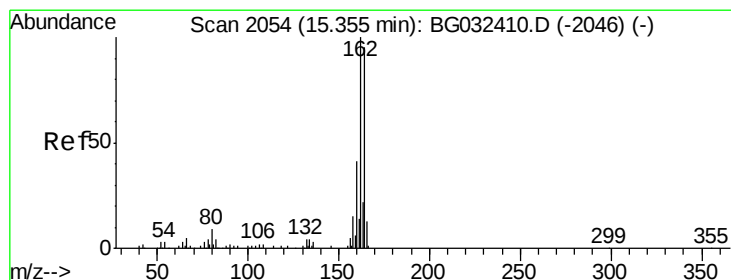
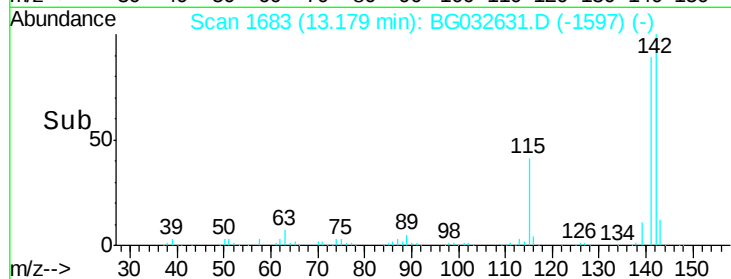
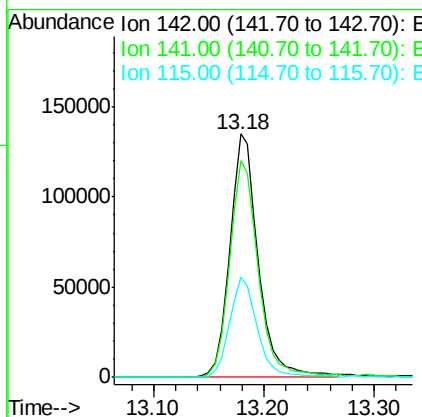
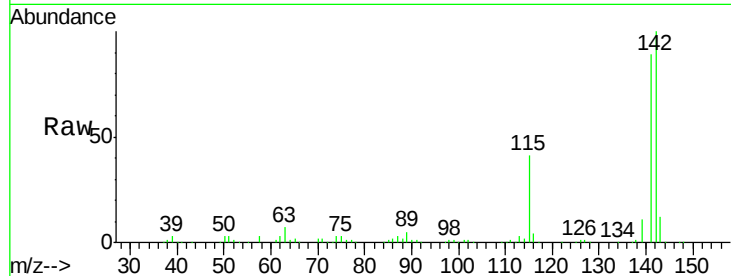




#37
 2-Methylnaphthalene
 Concen: 37.71 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.03 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

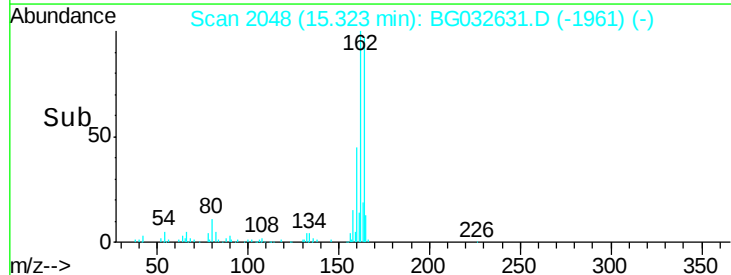
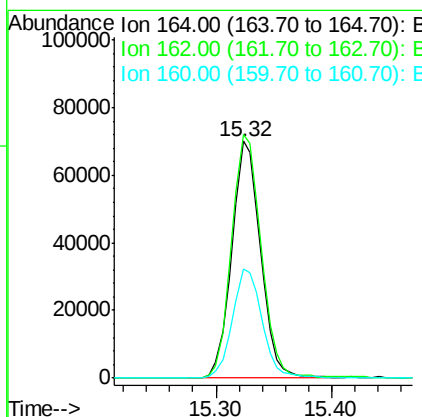
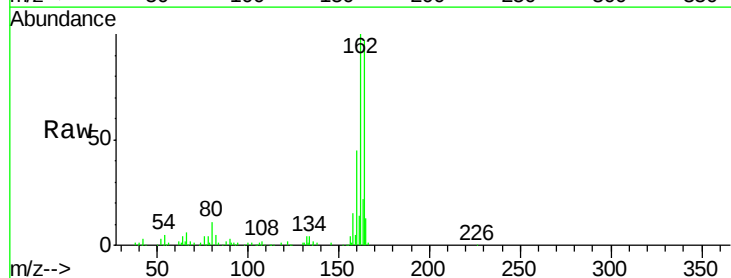
Instrument :
 BNA_G
 ClientSampleId :

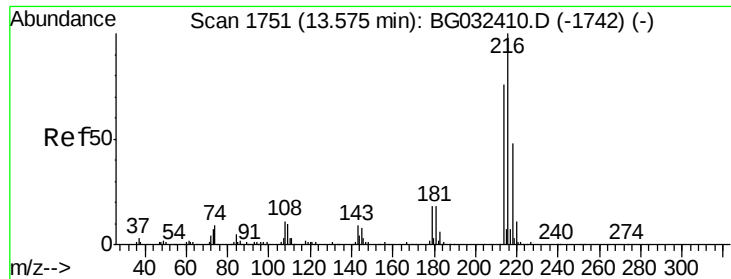
Tot Ion:142 Resp: 243151
 Ion Ratio Lower Upper
 142 100
 141 88.9 67.1 100.7
 115 41.2 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion:164 Resp: 120773
 Ion Ratio Lower Upper
 164 100
 162 102.8 78.8 118.2
 160 46.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.34 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BG032631.D

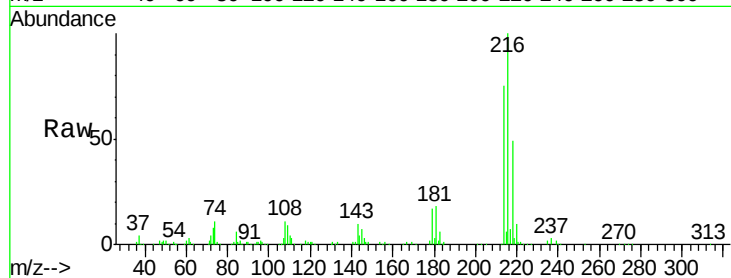
Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	210956
Ion	Ratio	Lower	Upper
216	100		
214	73.8	63.0	94.4
179	17.5	17.0	25.6
108	11.5	12.8	19.2#

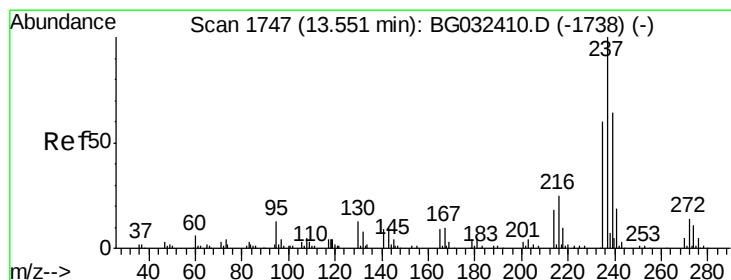
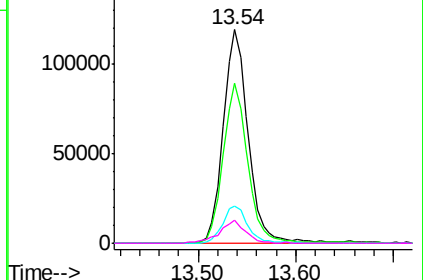
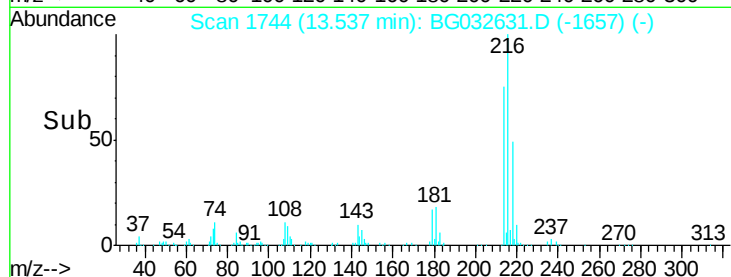


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.51 ng

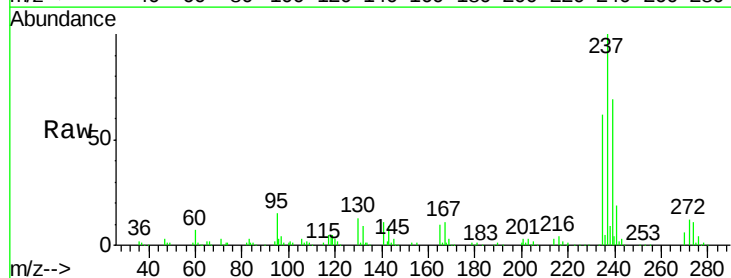
RT: 13.51 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

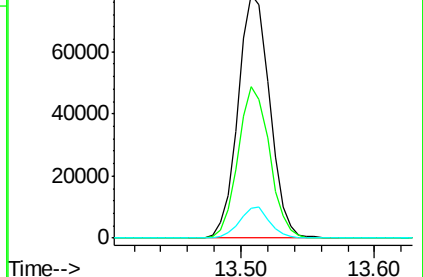
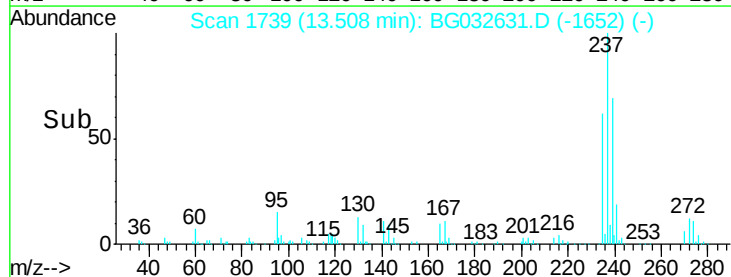
Tgt Ion:	237	Resp:	128897
Ion	Ratio	Lower	Upper
237	100		
235	62.0	50.4	90.4
272	12.3	0.0	31.8

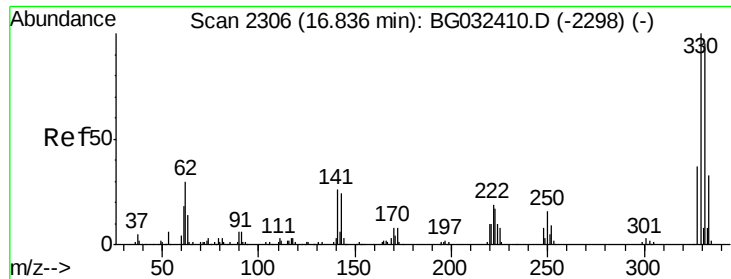


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

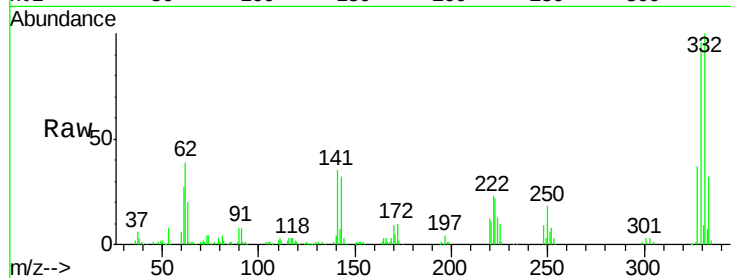




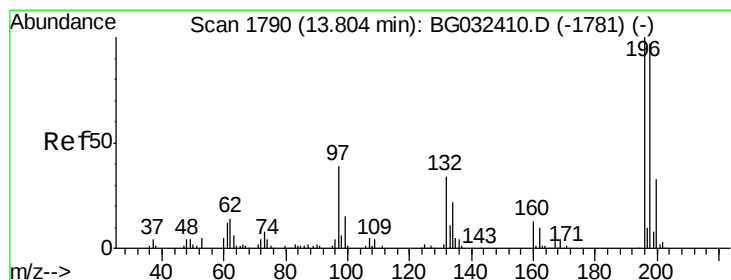
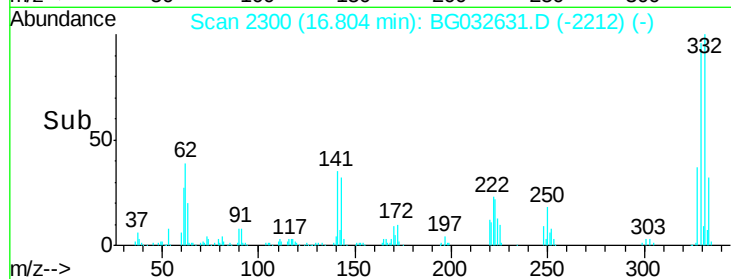
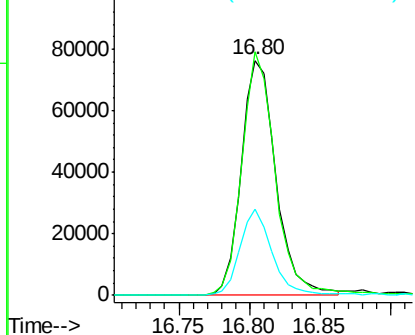
#41
 2,4,6-Tribromophenol
 Concen: 57.15 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 131379
 Ion Ratio Lower Upper
 330 100
 332 100.9 77.0 115.6
 141 33.8 25.2 37.8

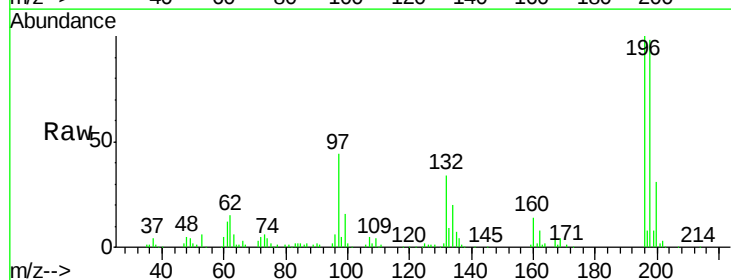


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

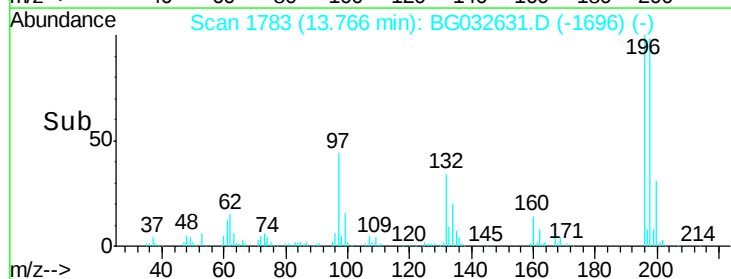
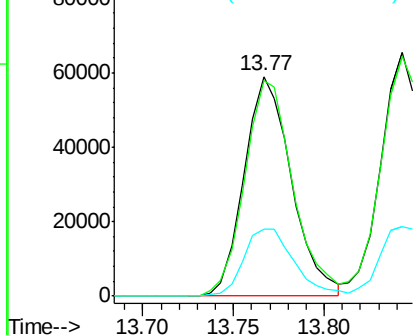


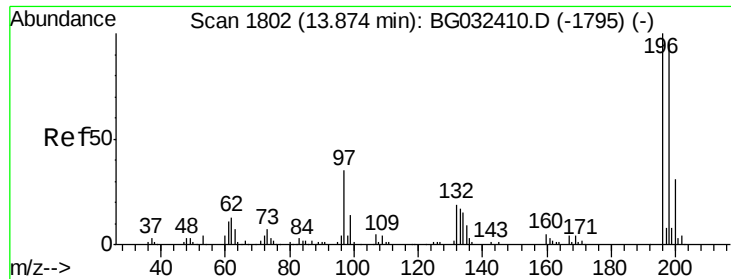
#42
 2,4,6-Trichlorophenol
 Concen: 34.81 ng
 RT: 13.77 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion:196 Resp: 106970
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.2 117.2
 200 30.6 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

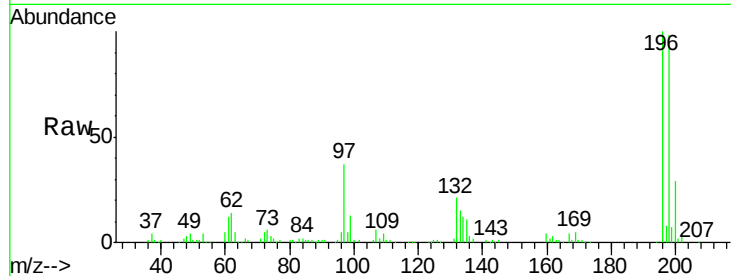




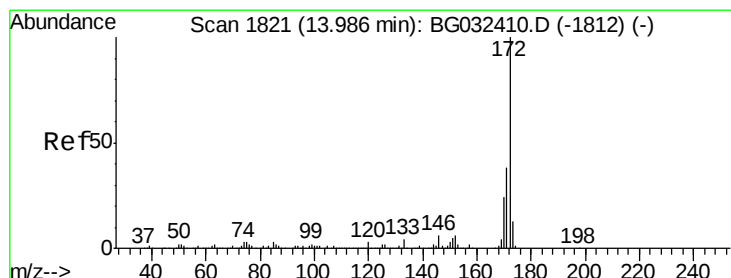
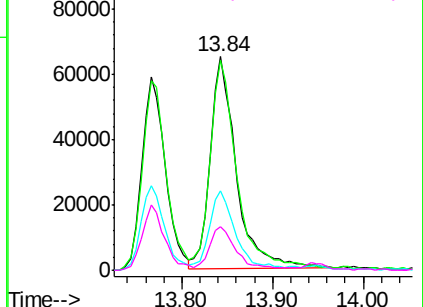
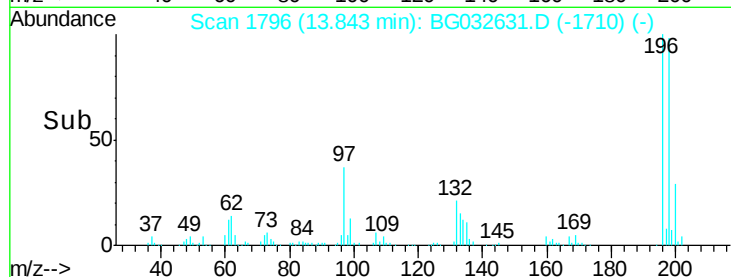
#43
 2,4,5-Trichlorophenol
 Concen: 36.84 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. -0.03 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.2	114.4
97	37.2	38.7	58.1
132	20.6	20.2	30.2

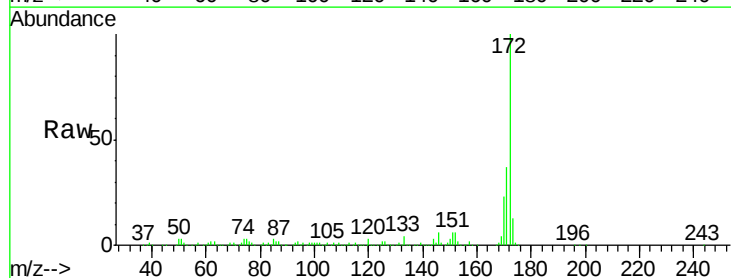


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

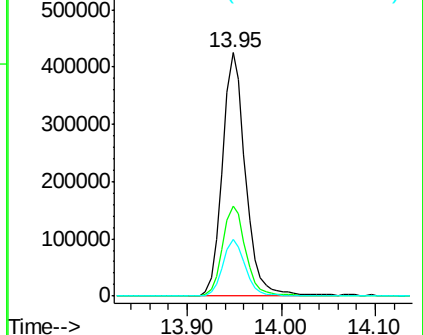
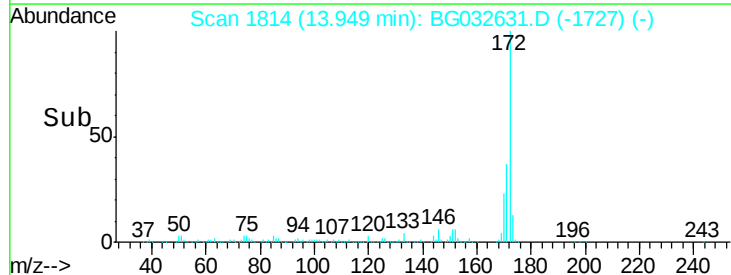


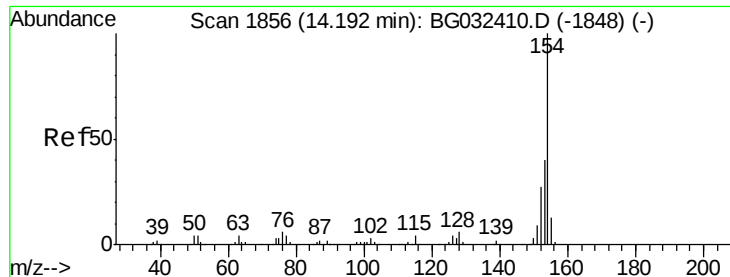
#44
 2-Fluorobiphenyl
 Concen: 71.63 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.4	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

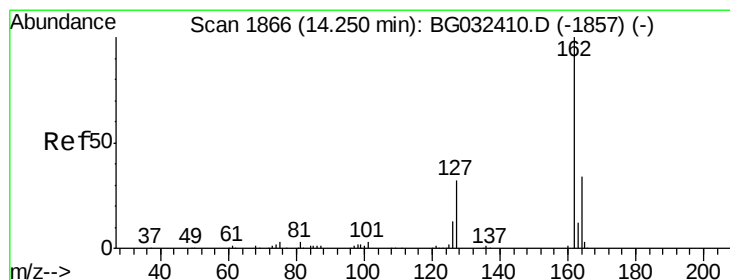
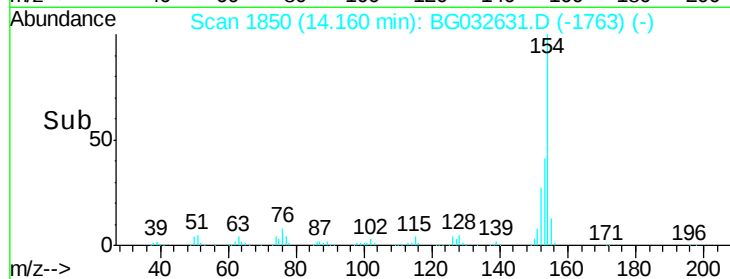
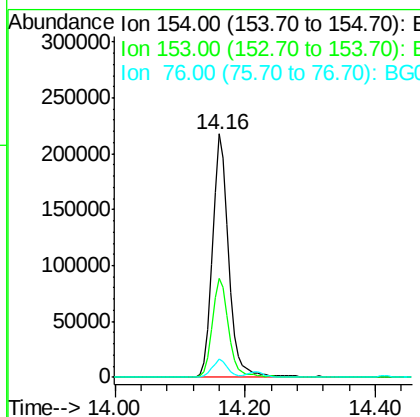
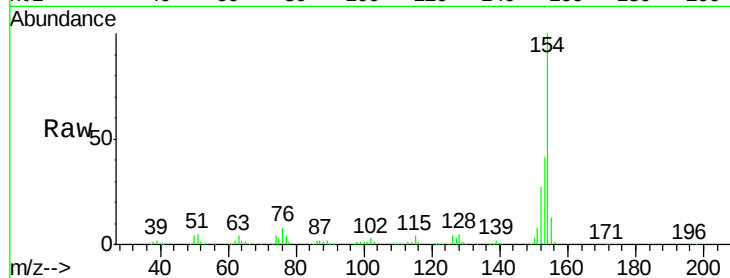




#45
 1,1'-Biphenyl
 Concen: 36.88 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

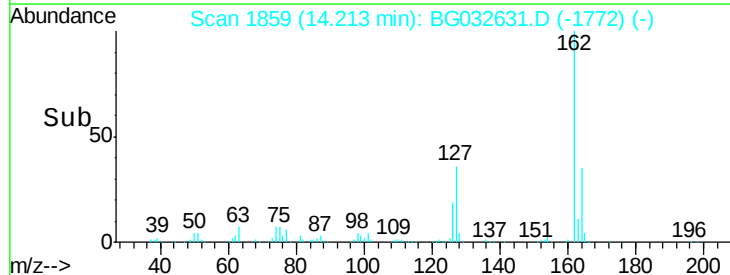
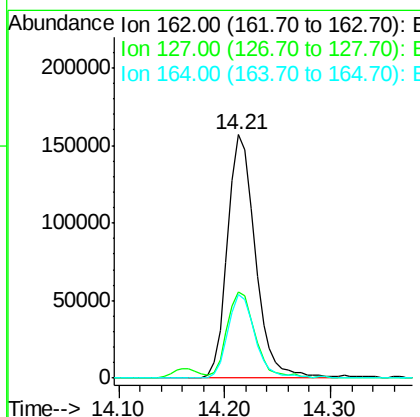
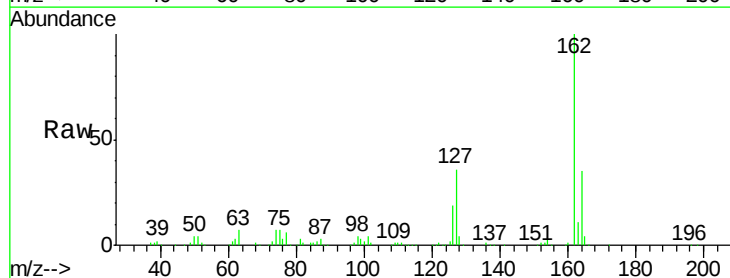
Instrument :
 BNA_G
 ClientSampleID :

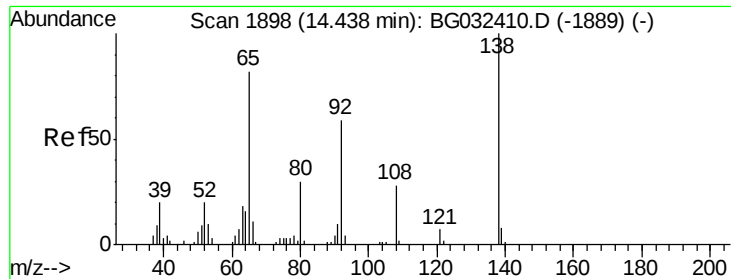
Tot Ion	154	153	76
Resp:	376293		
Ratio	100	40.8	7.5
Lower		19.8	0.0
Upper		59.8	31.9



#46
 2-Chloronaphthalene
 Concen: 35.96 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion	162	127	164
Resp:	287555		
Ratio	100	35.5	34.5
Lower		30.7	26.0
Upper		46.1	39.0

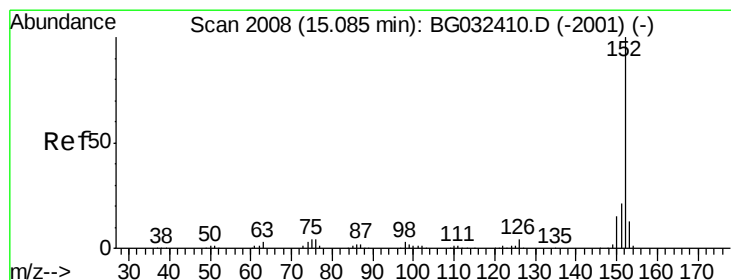
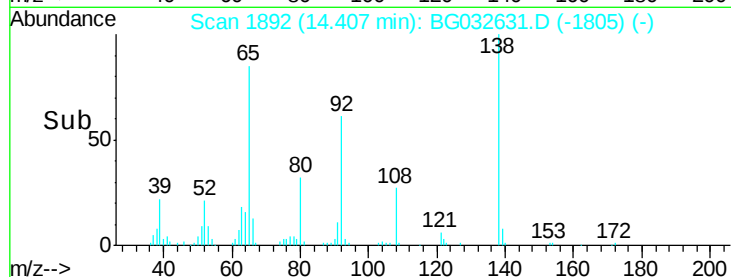
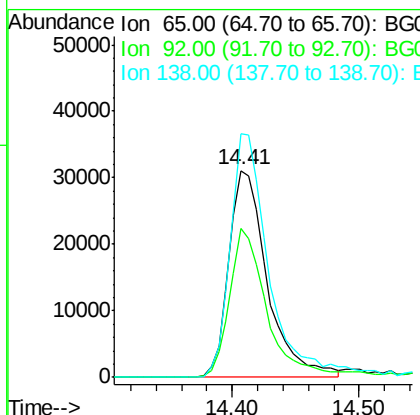
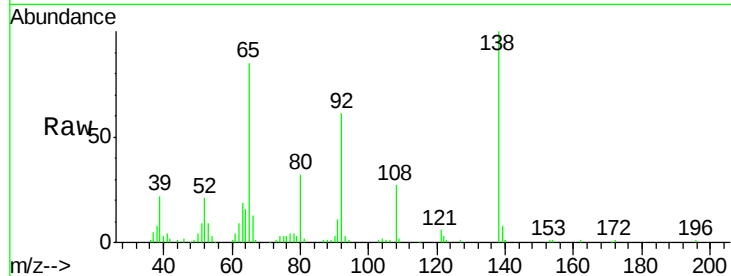




#47
2-Nitroaniline
Concen: 36.95 ng
RT: 14.41 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

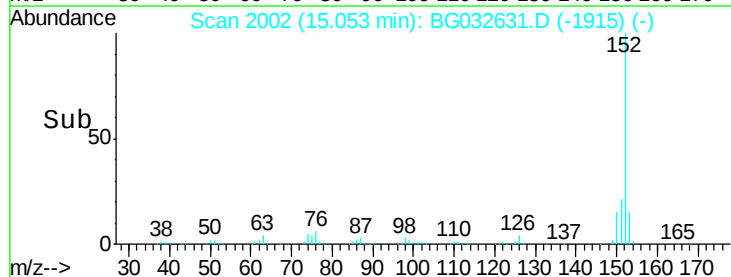
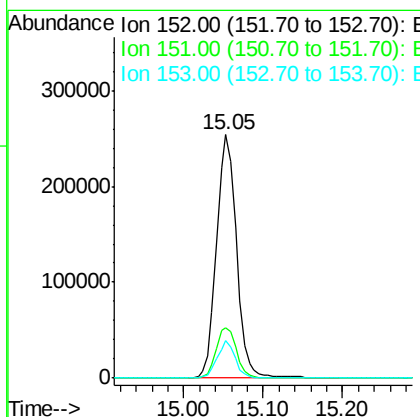
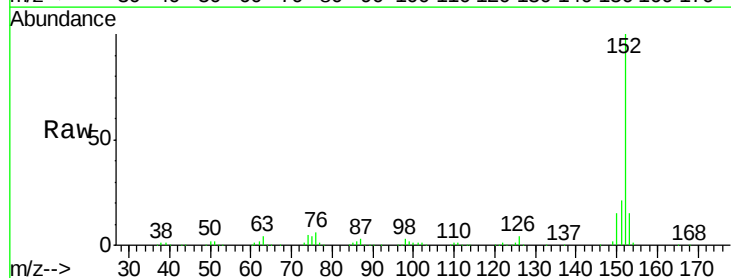
Instrument :
BNA_G
ClientSampled :

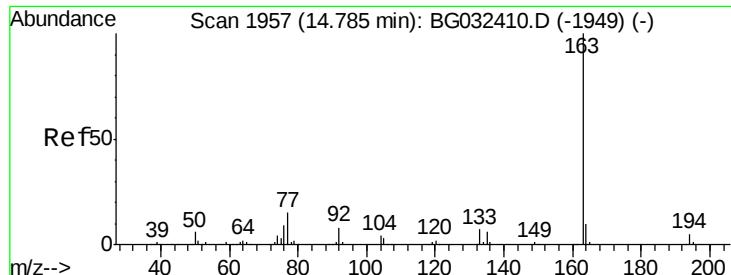
Tot Ion: 65 Resp: 65348
Ion Ratio Lower Upper
65 100
92 71.9 54.6 82.0
138 117.8 72.9 109.3#



#48
Acenaphthylene
Concen: 36.40 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion: 152 Resp: 440069
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 15.5 10.2 15.4#





#49

Dimethylphthalate

Concen: 34.78 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

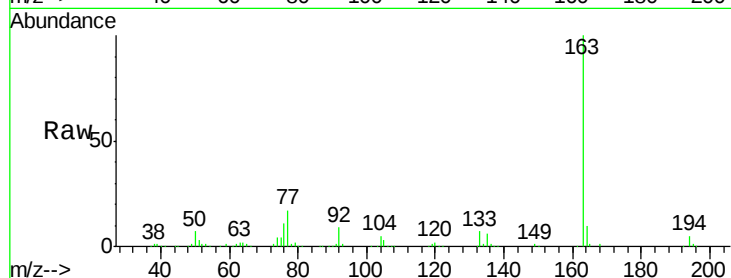
Tot Ion:163 Resp: 387281

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

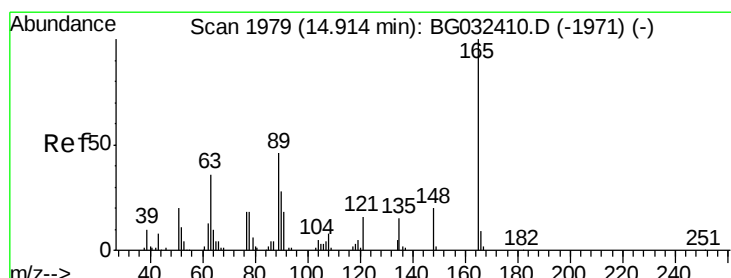
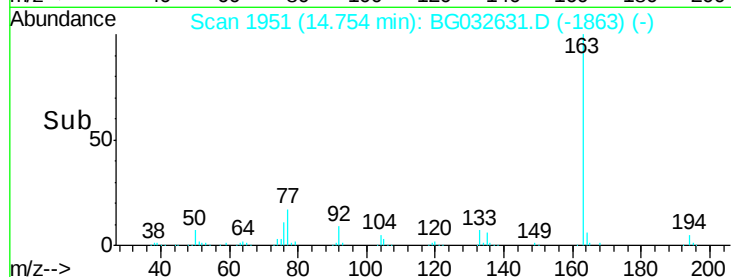
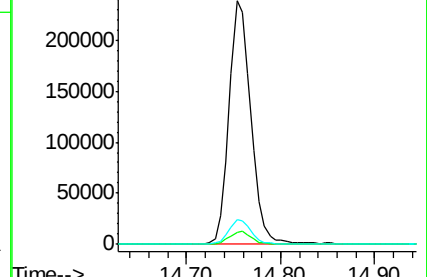
164 10.2 8.2 12.4



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: 34.81 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

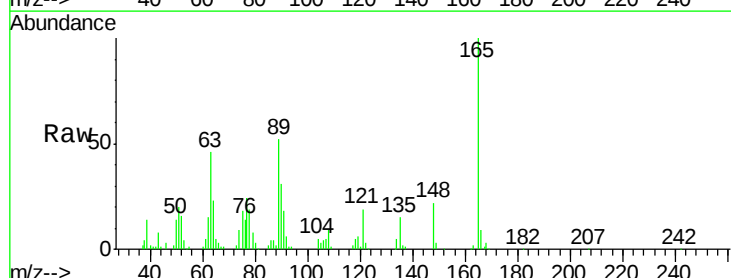
Tgt Ion:165 Resp: 81360

Ion Ratio Lower Upper

165 100

63 46.3 52.7 79.1#

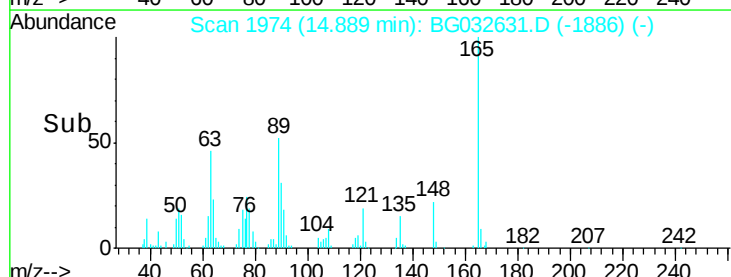
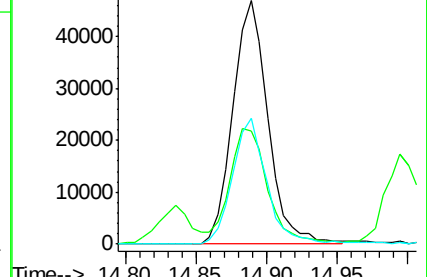
89 51.7 49.2 73.8



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: 35.15 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

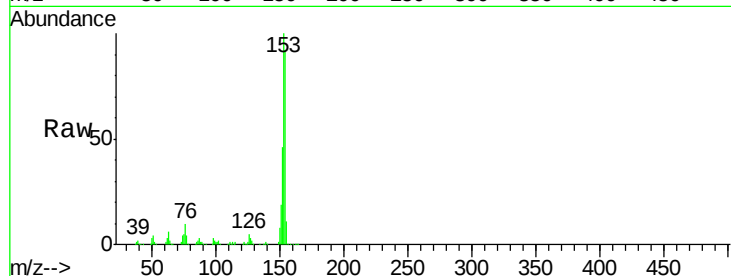
Tot Ion:154 Resp: 294745

Ion Ratio Lower Upper

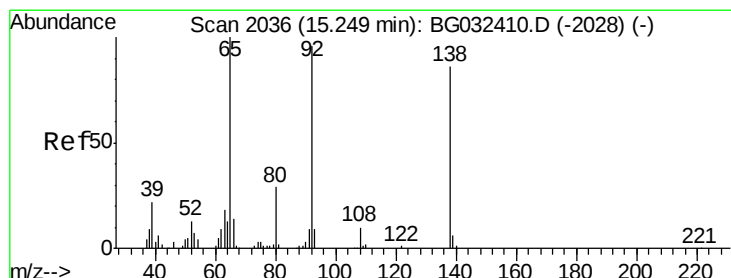
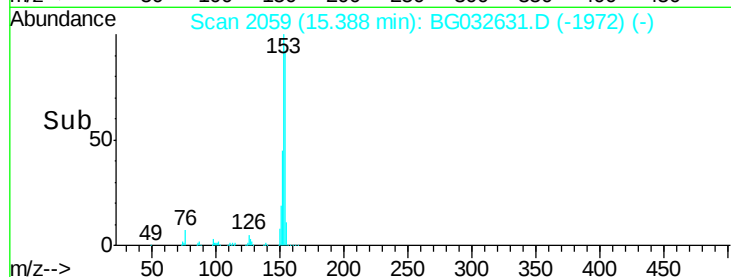
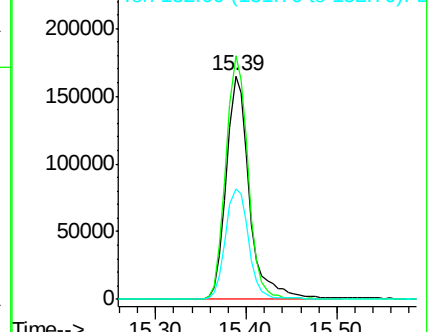
154 100

153 109.0 90.4 135.6

152 49.6 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: 32.05 ng

RT: 15.23 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

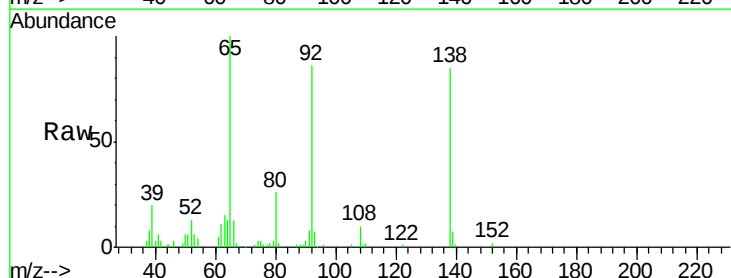
Tgt Ion:138 Resp: 65437

Ion Ratio Lower Upper

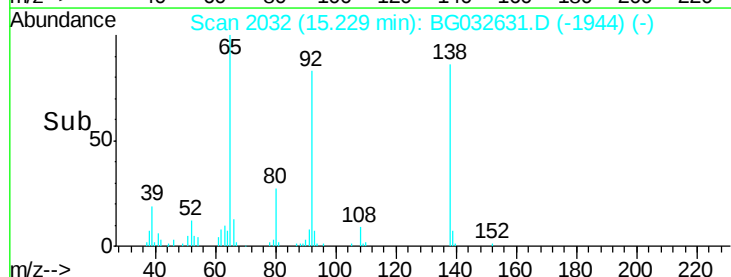
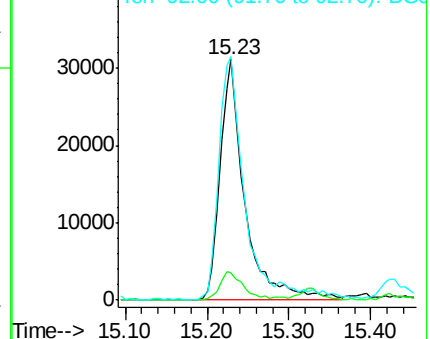
138 100

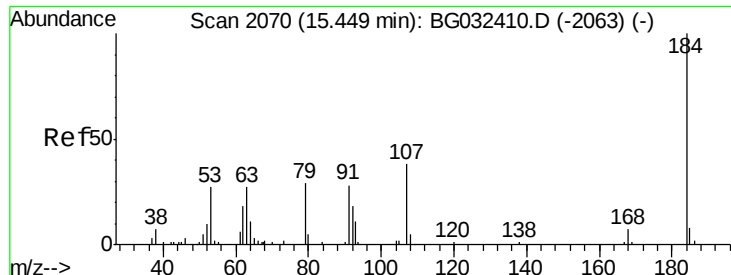
108 11.1 17.5 26.3#

92 101.3 105.8 158.8#



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

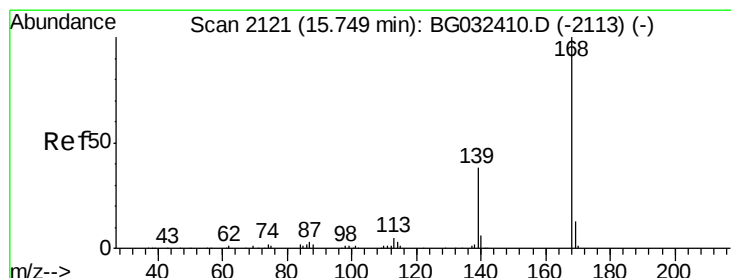
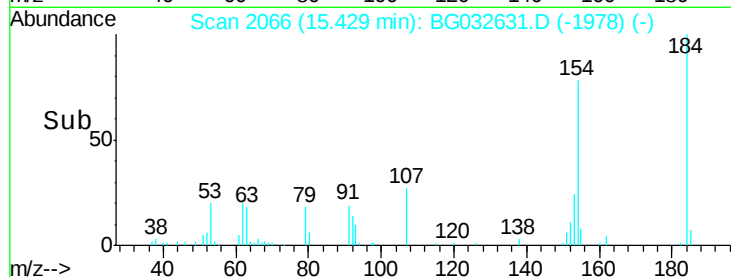
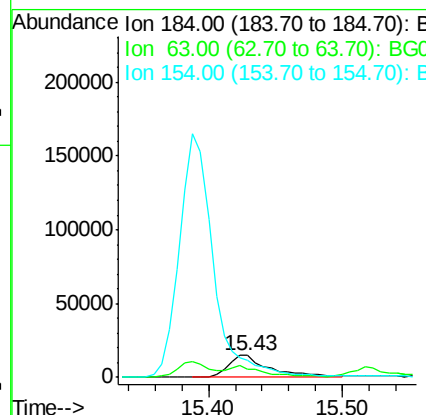
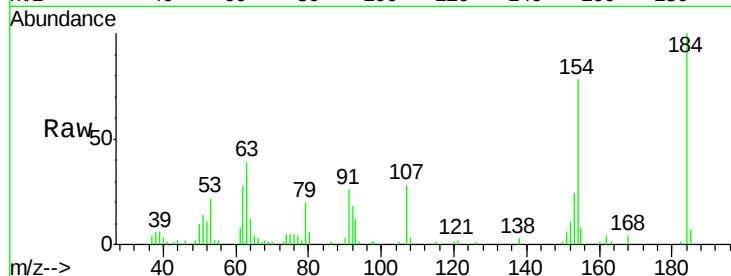




#53
2,4-Dinitrophenol
Concen: 25.50 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

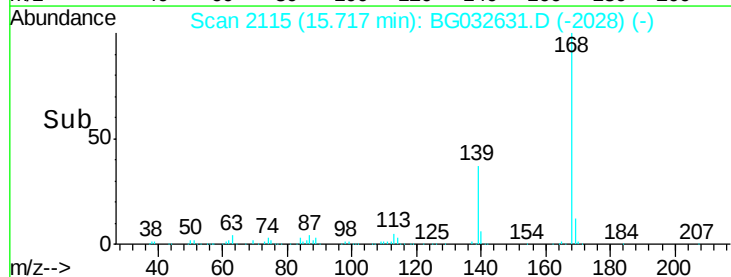
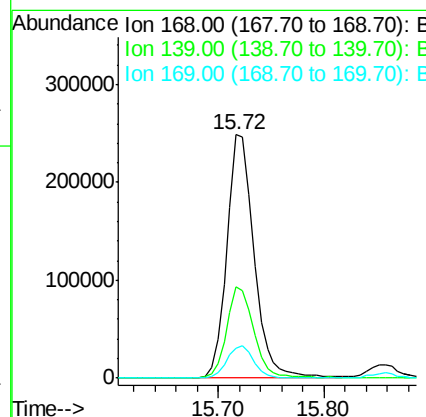
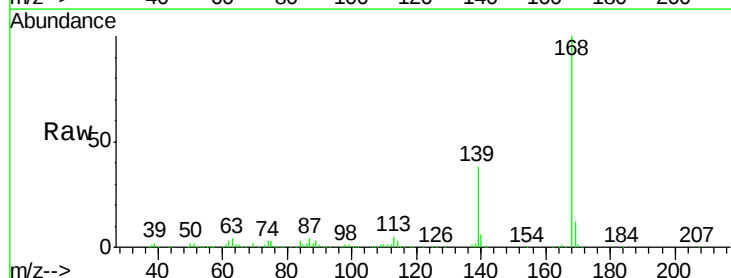
Instrument :
BNA_G
ClientSampleId :

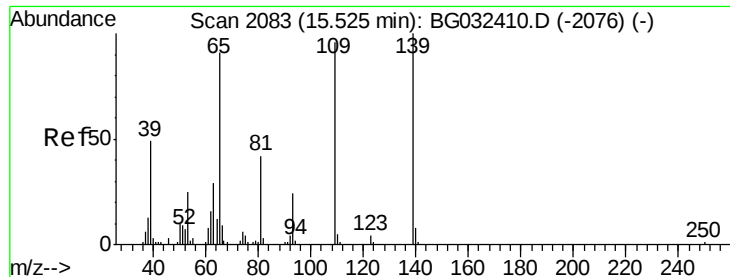
Tot Ion:184 Resp: 32905
Ion Ratio Lower Upper
184 100
63 38.7 59.8 89.8#
154 77.7 101.8 152.8#



#54
Dibenzofuran
Concen: 35.88 ng
RT: 15.72 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion:168 Resp: 445264
Ion Ratio Lower Upper
168 100
139 37.6 28.6 43.0
169 12.4 11.2 16.8

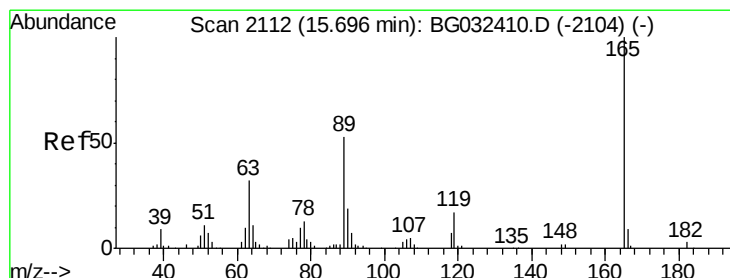
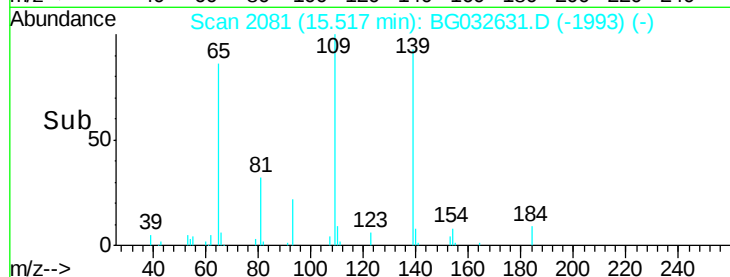
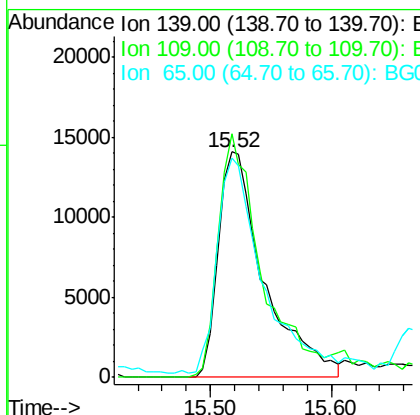
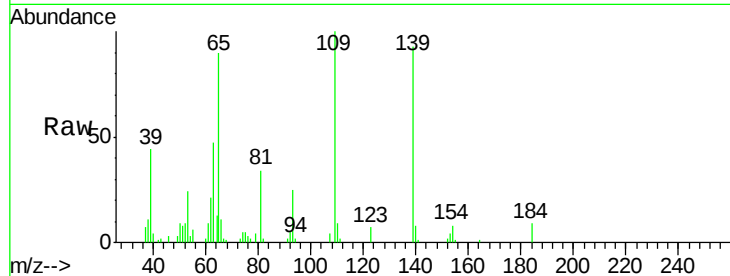




#55
4-Nitrophenol
Concen: 24.21 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

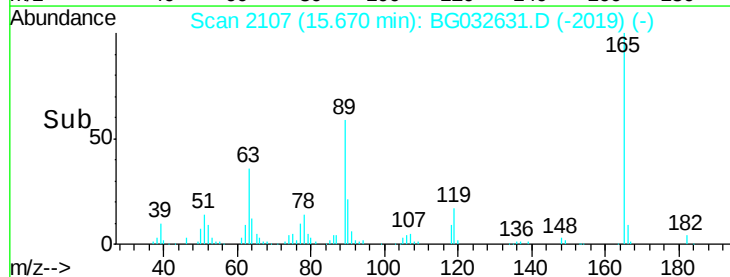
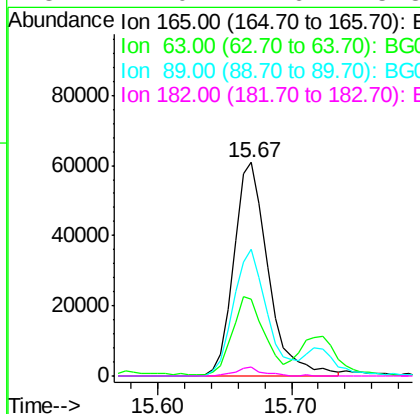
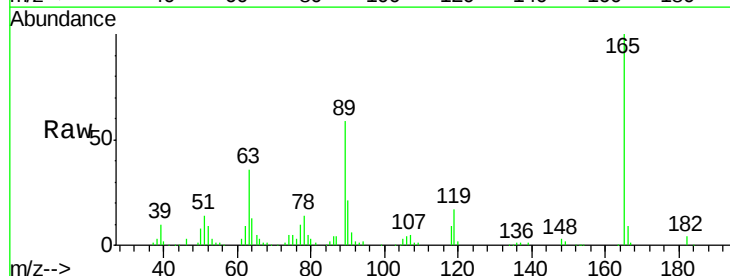
Instrument :
BNA_G
ClientSampleId :

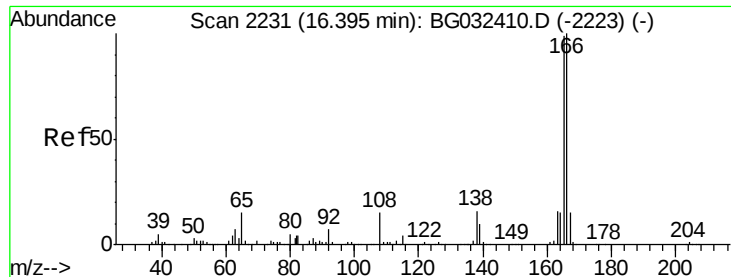
Tot Ion:139 Resp: 36997
Ion Ratio Lower Upper
139 100
109 108.0 62.2 102.2#
65 97.3 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 32.70 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion:165 Resp: 108814
Ion Ratio Lower Upper
165 100
63 36.2 42.0 63.0#
89 59.3 66.9 100.3#
182 4.0 2.6 3.8#





#57

Fluorene

Concen: 34.56 ng

RT: 16.36 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

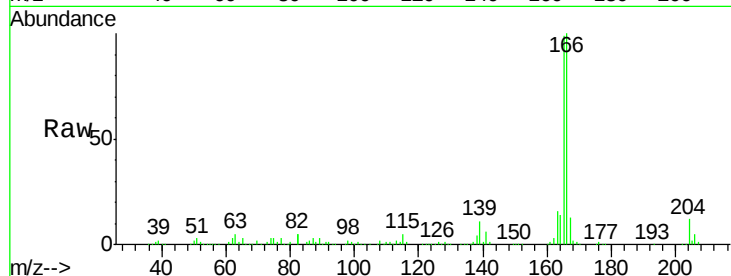
Tot Ion:166 Resp: 356411

Ion Ratio Lower Upper

166 100

165 98.7 80.6 121.0

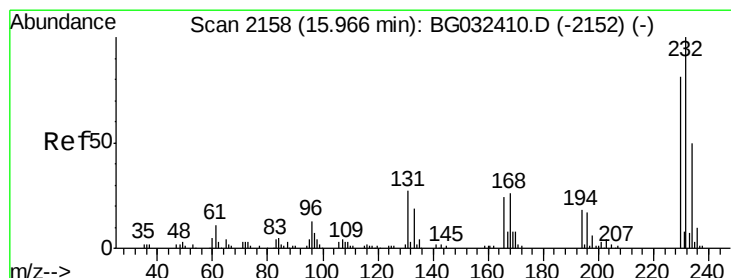
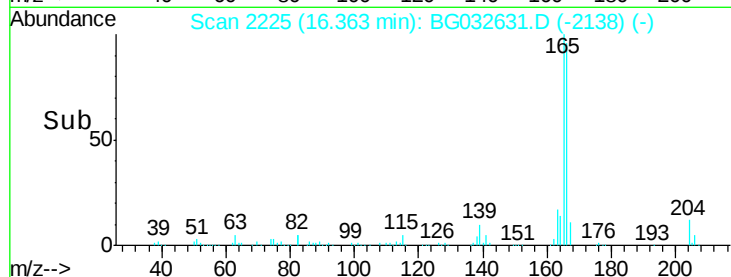
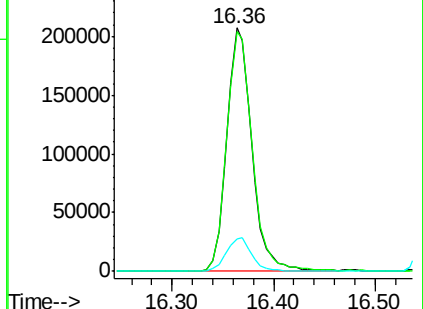
167 13.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.46 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Tgt Ion:232 Resp: 114713

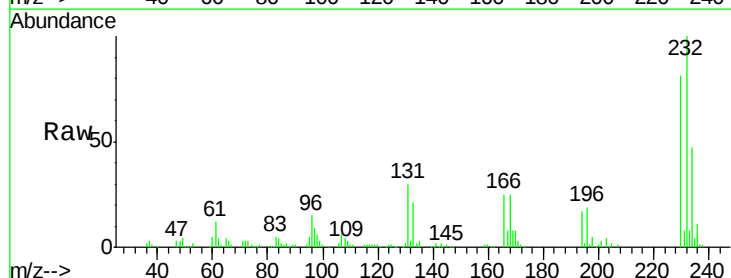
Ion Ratio Lower Upper

232 100

131 30.7 33.5 50.3#

130 2.0 2.2 3.2#

166 26.7 24.8 37.2

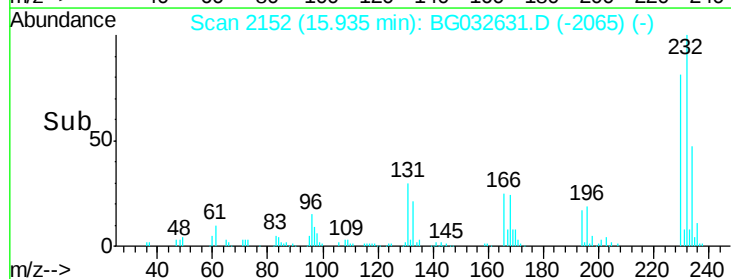
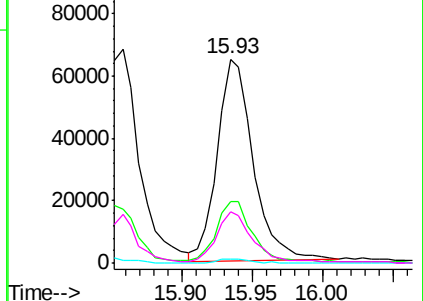


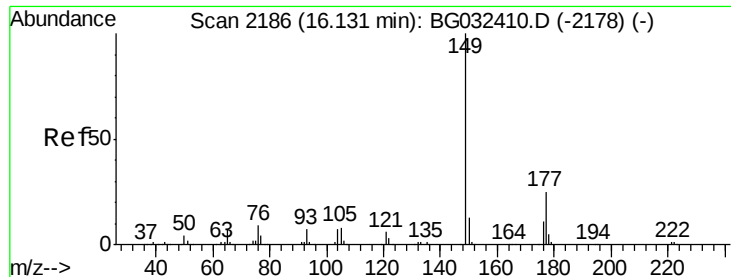
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

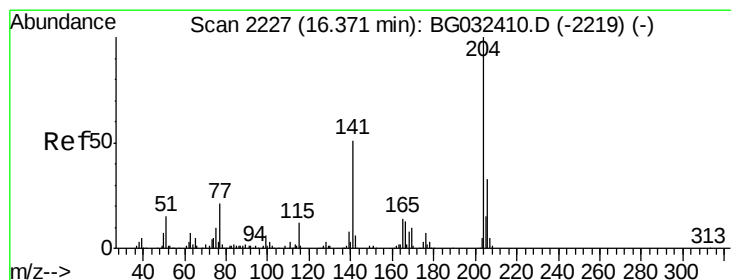
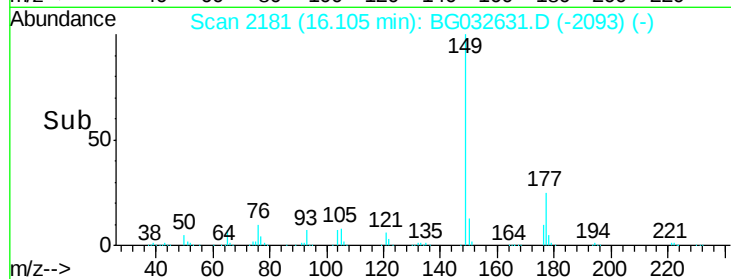
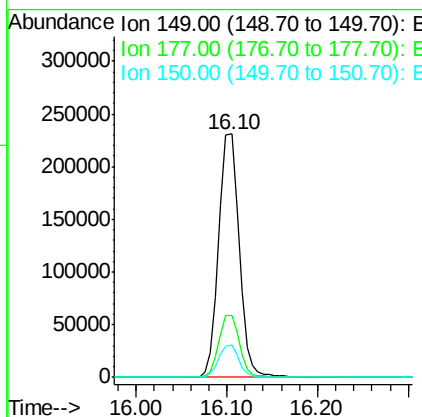
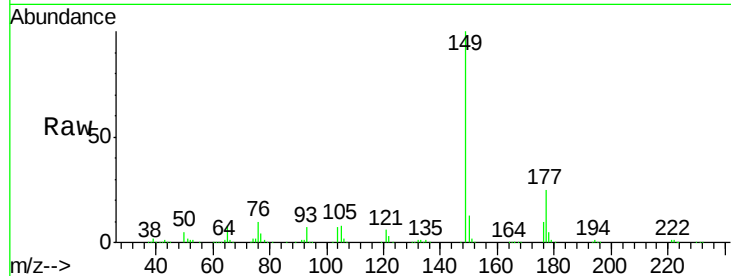




#59
Diethylphthalate
Concen: 33.49 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

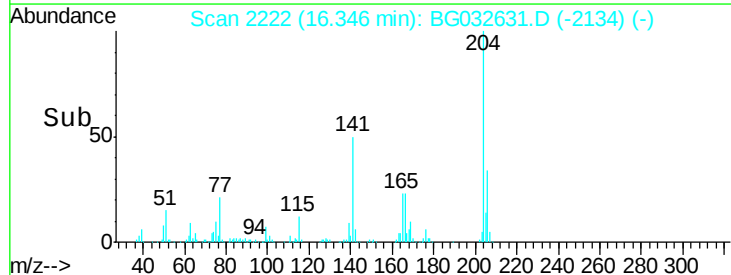
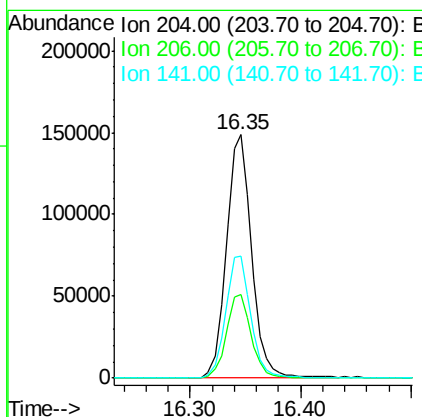
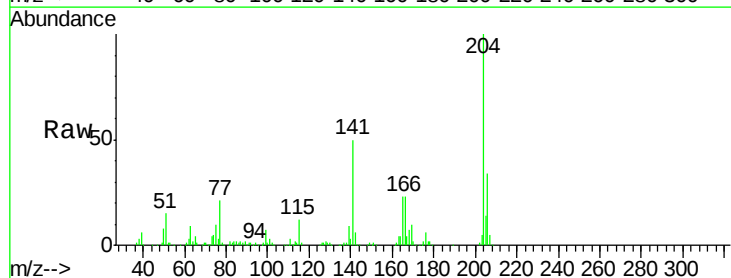
Instrument :
BNA_G
ClientSampleId :

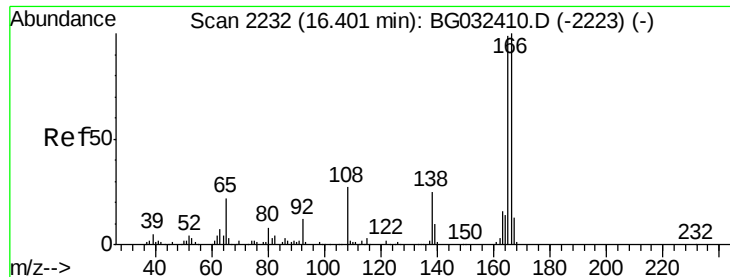
Tot Ion:149 Resp: 363254
Ion Ratio Lower Upper
149 100
177 25.4 18.5 27.7
150 13.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.48 ng
RT: 16.35 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion:204 Resp: 237234
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.2
141 50.0 45.8 68.6





#61

4-Nitroaniline

Concen: 28.84 ng

RT: 16.39 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampled :

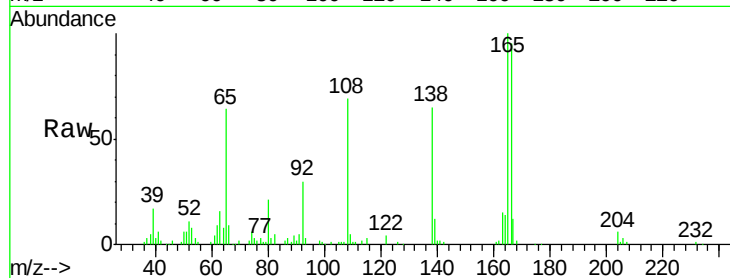
Tot Ion:138 Resp: 63112

Ion Ratio Lower Upper

138 100

92 46.2 40.1 80.1

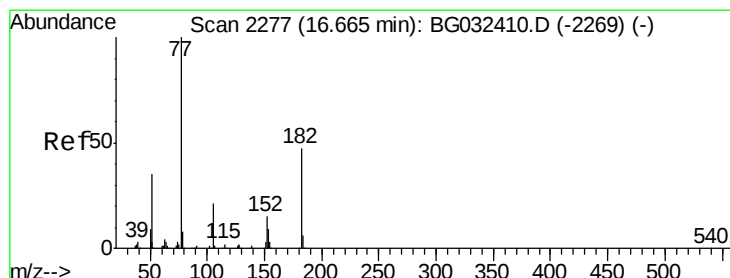
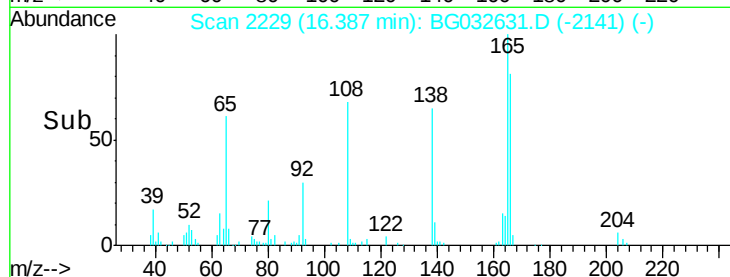
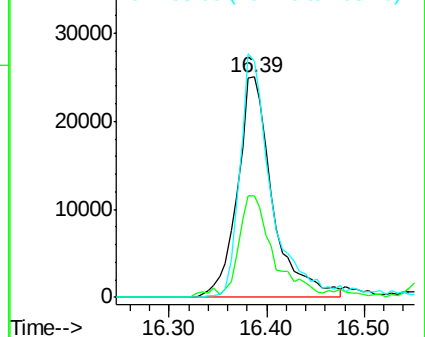
108 107.3 65.4 105.4#



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: 37.03 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Tgt Ion: 77 Resp: 240004

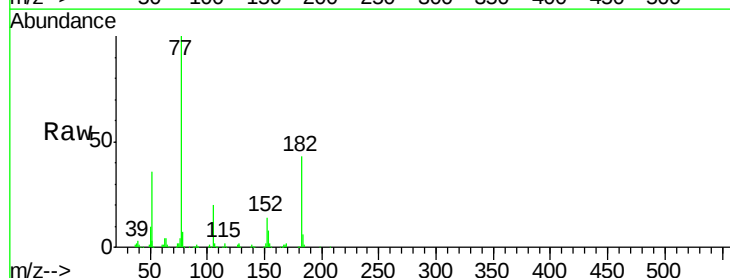
Ion Ratio Lower Upper

77 100

182 42.8 7.4 47.4

105 20.2 0.3 40.3

51 35.9 11.6 51.6

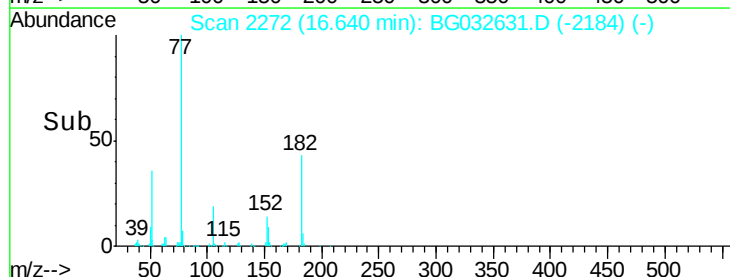
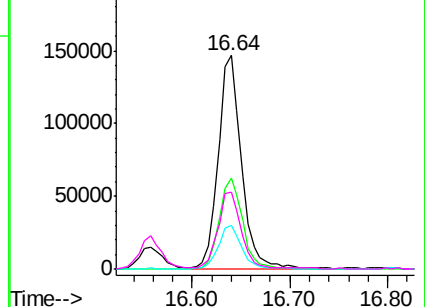


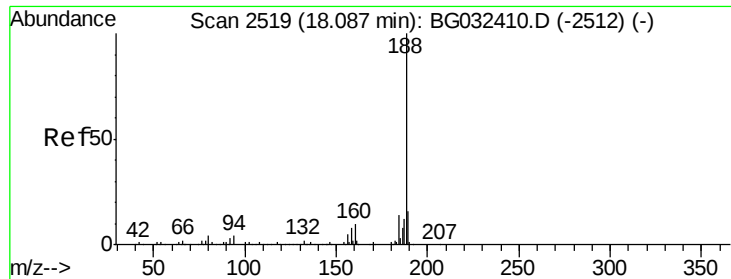
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.06 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

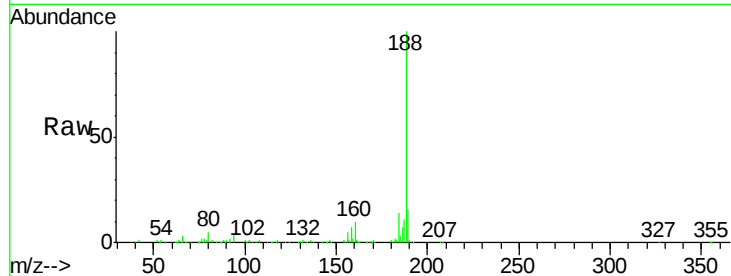
Tot Ion:188 Resp: 275818

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

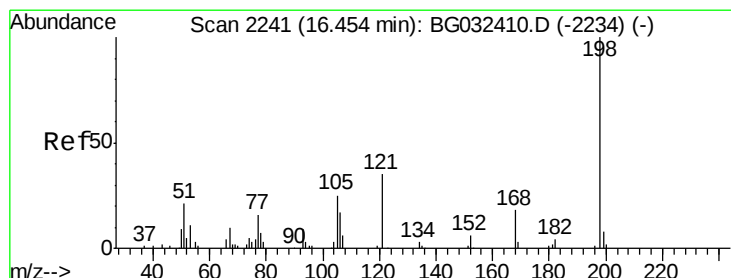
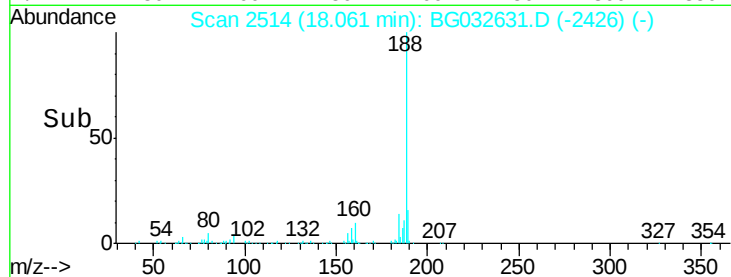
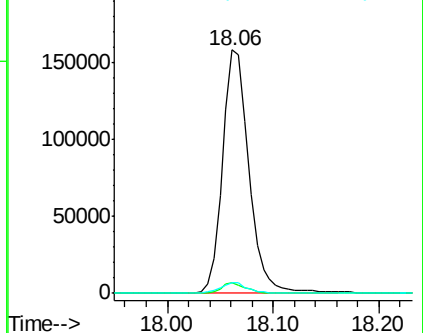
80 4.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 34.09 ng

RT: 16.43 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

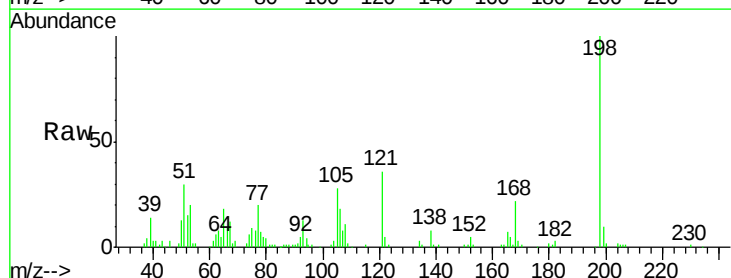
Tgt Ion:198 Resp: 70253

Ion Ratio Lower Upper

198 100

51 29.8 30.6 70.6#

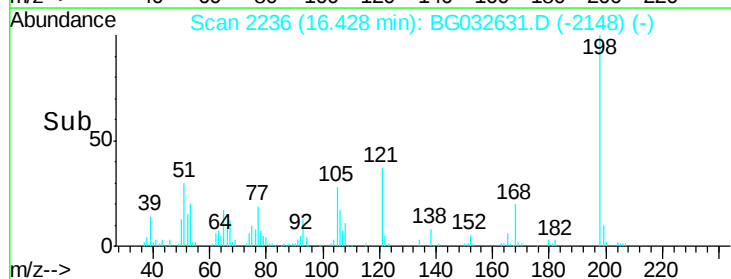
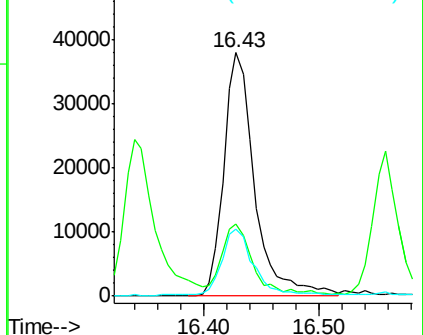
105 27.5 23.8 63.8

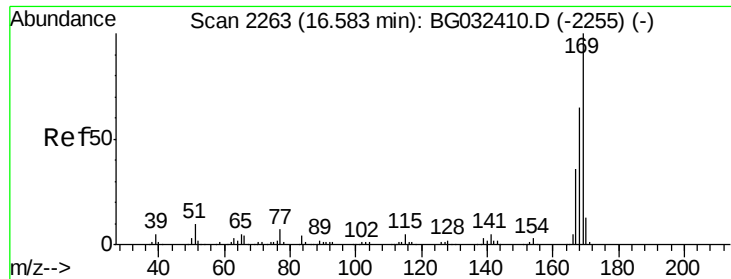


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.95 ng

RT: 16.56 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

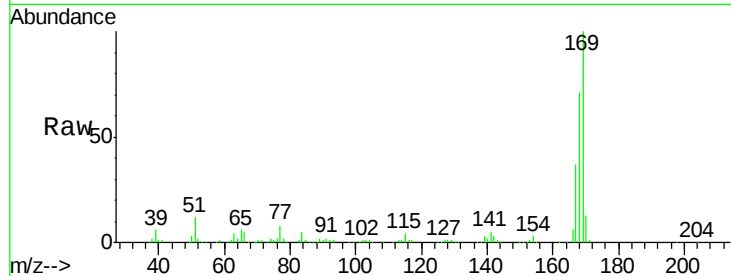
Tot Ion:169 Resp: 320634

Ion Ratio Lower Upper

169 100

168 71.1 55.7 83.5

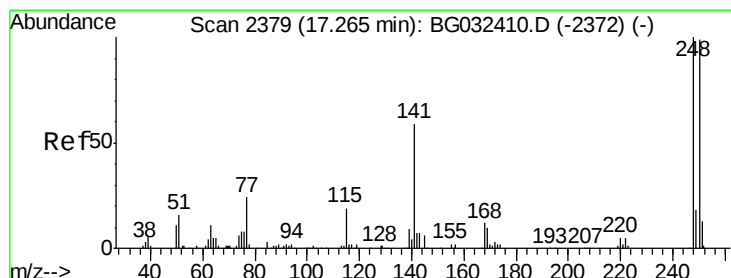
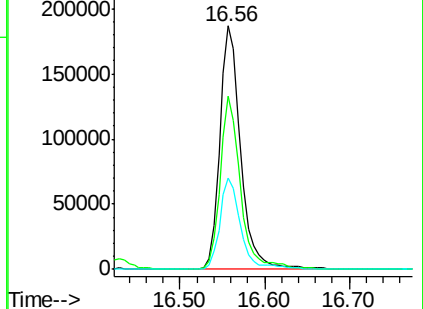
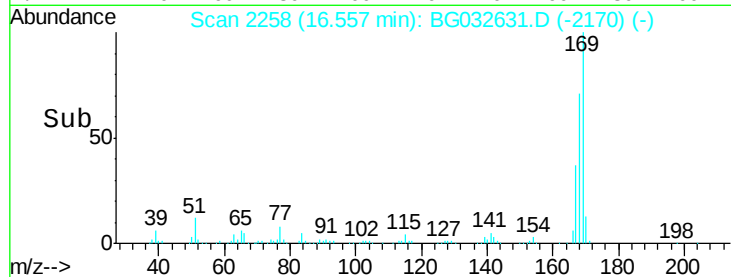
167 37.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.64 ng

RT: 17.24 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

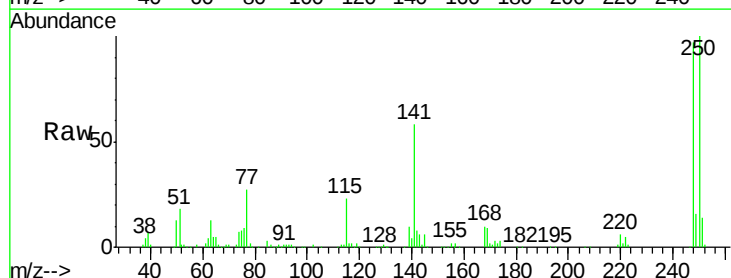
Tgt Ion:248 Resp: 157871

Ion Ratio Lower Upper

248 100

250 102.8 77.1 115.7

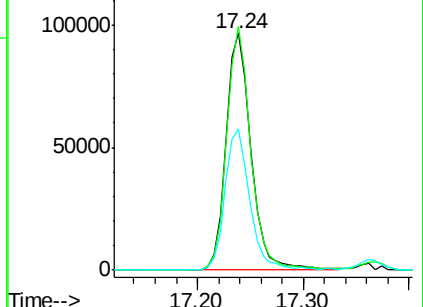
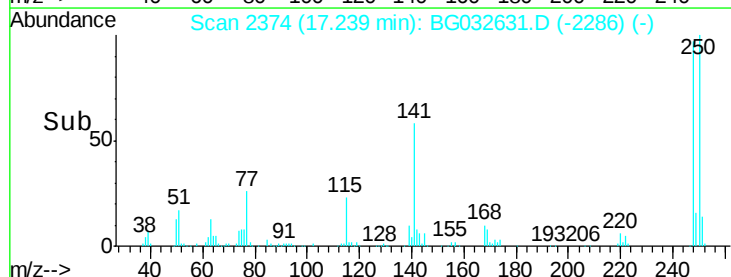
141 59.6 50.8 76.2

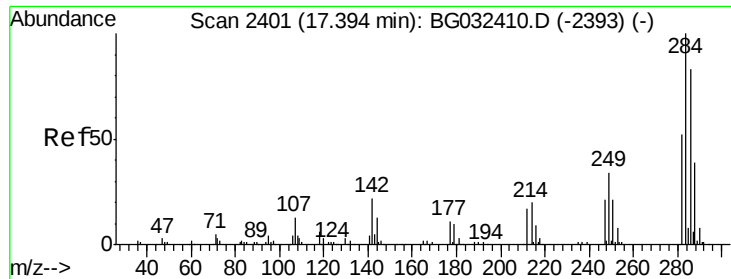


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

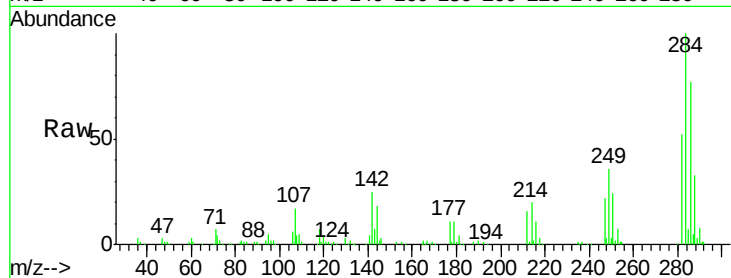




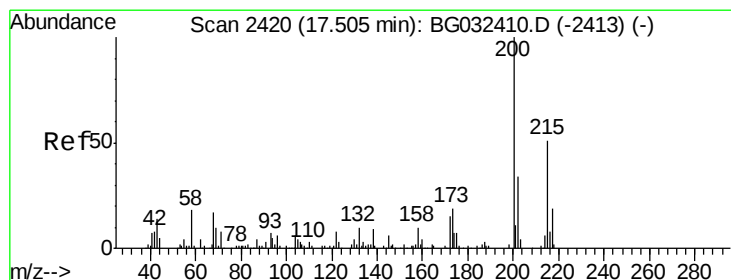
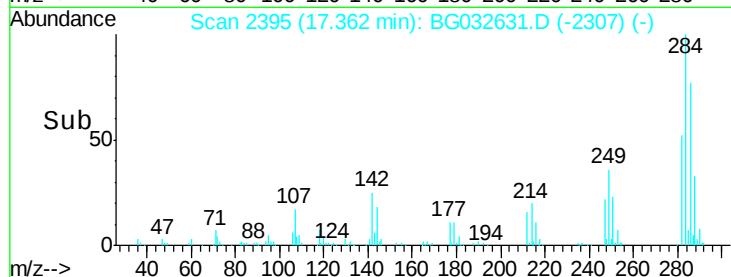
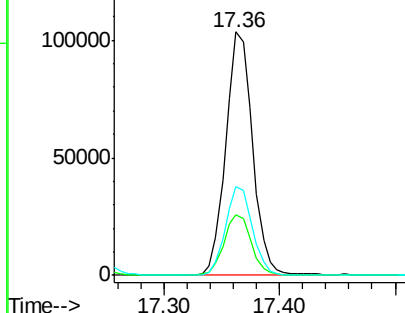
#67
Hexachlorobenzene
Concen: 36.91 ng
RT: 17.36 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 166923
Ion Ratio Lower Upper
284 100
142 25.0 26.8 40.2#
249 36.3 26.3 39.5

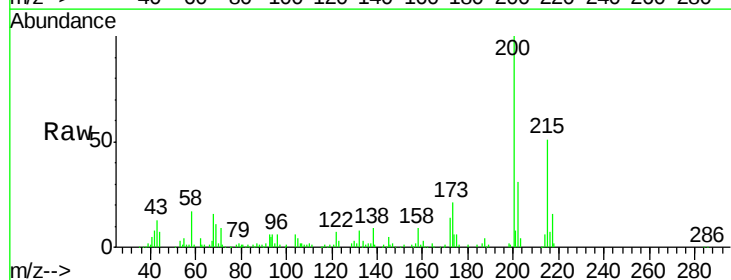


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

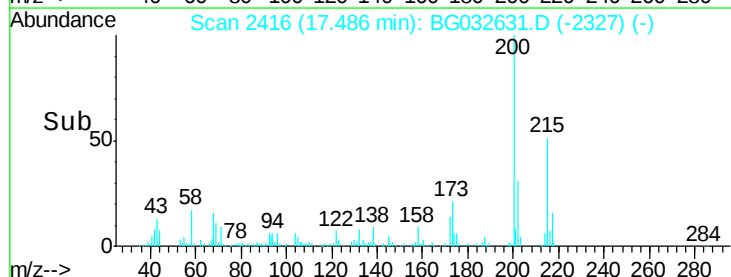
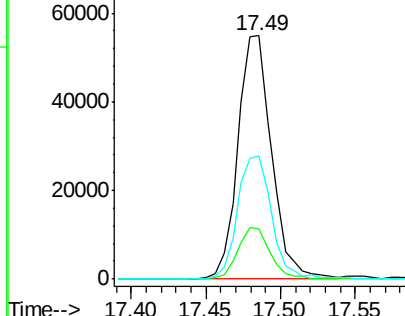


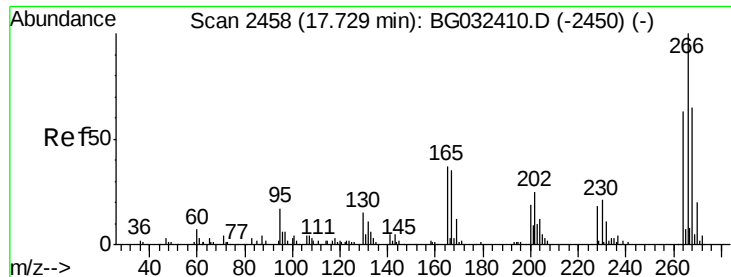
#68
Atrazine
Concen: 24.42 ng
RT: 17.49 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion:200 Resp: 86293
Ion Ratio Lower Upper
200 100
173 20.8 5.2 45.2
215 50.8 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

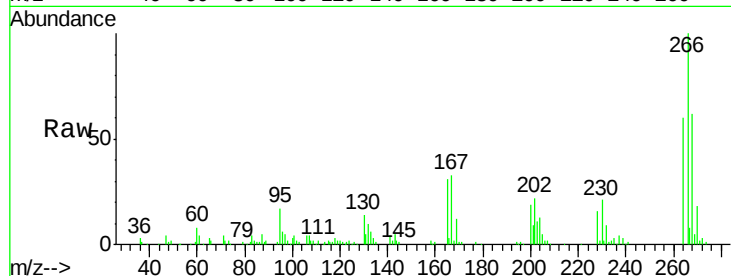




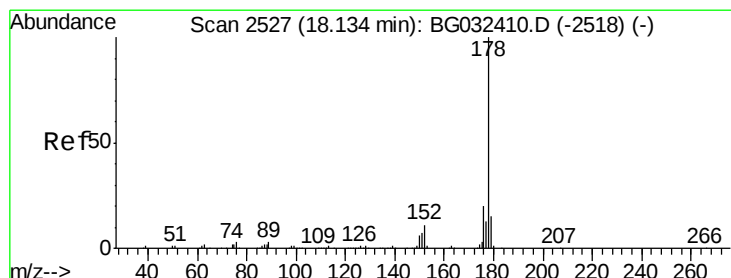
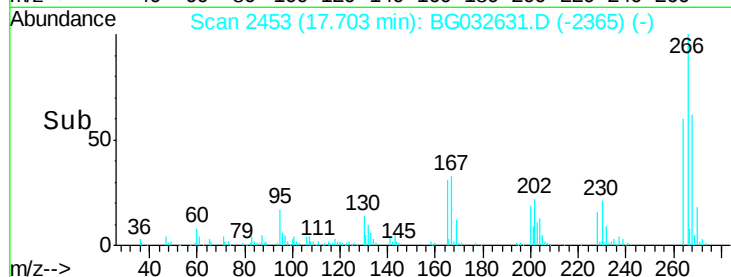
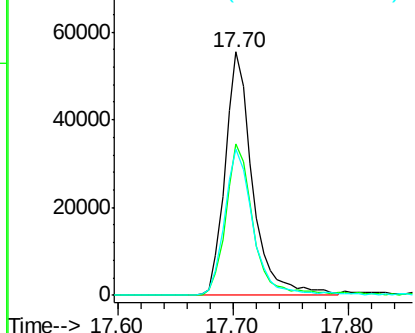
#69
 Pentachlorophenol
 Concen: 32.22 ng
 RT: 17.70 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 91263
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 60.2 49.6 74.4

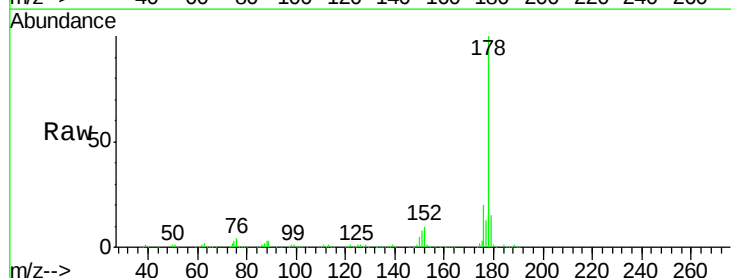


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

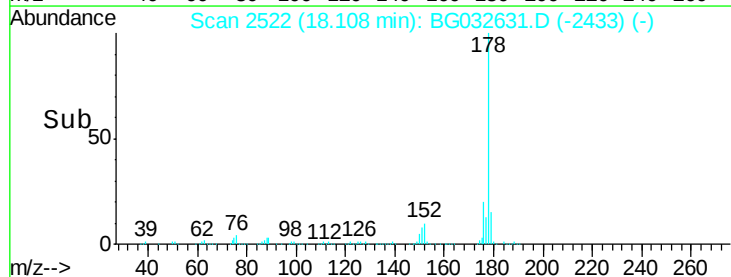
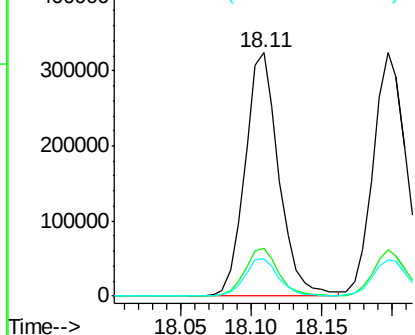


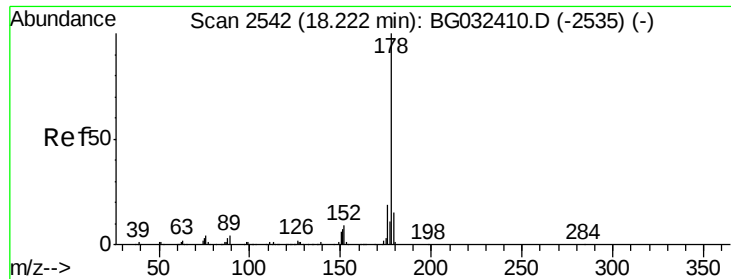
#70
 Phenanthrene
 Concen: 35.29 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion:178 Resp: 542829
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.3 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

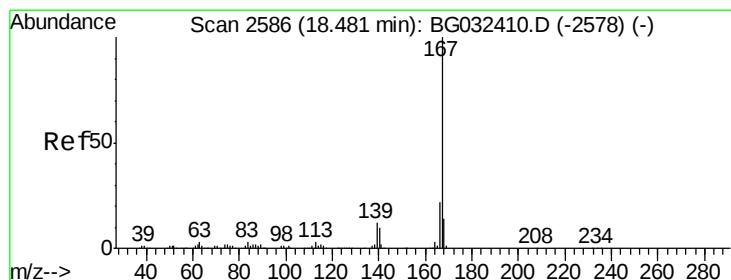
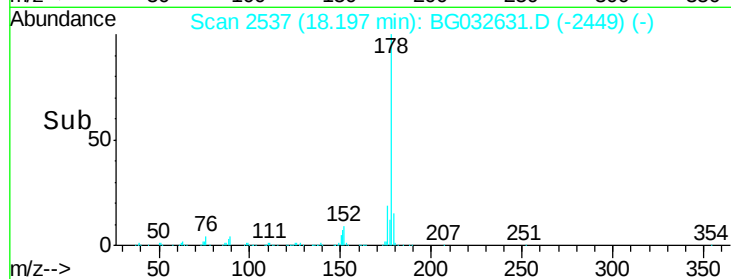
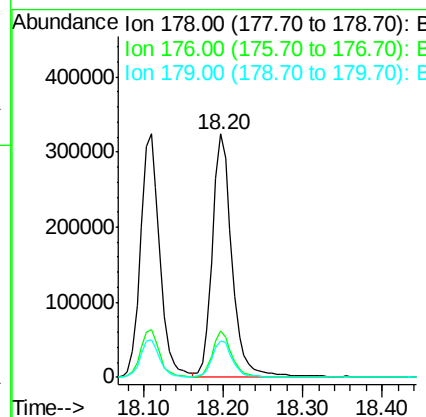
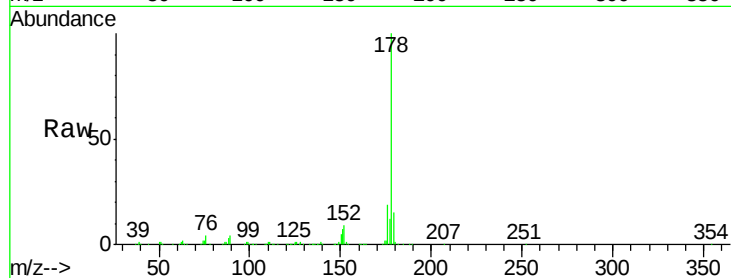




#71
 Anthracene
 Concen: 36.29 ng
 RT: 18.20 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

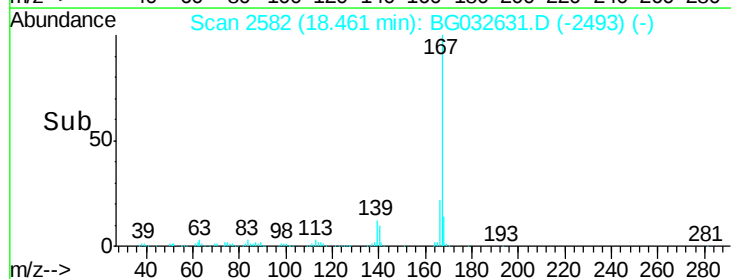
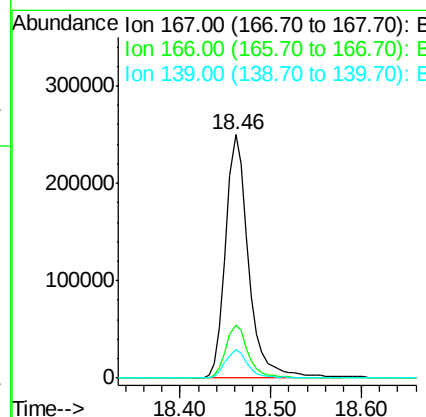
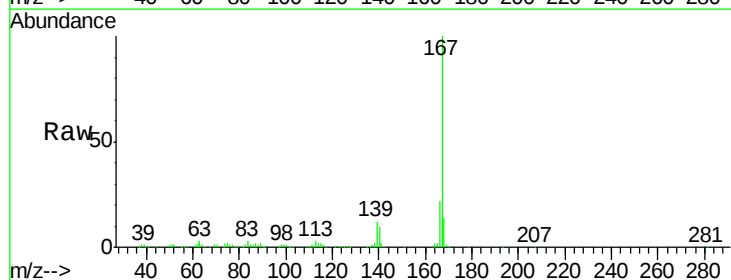
Instrument :
 BNA_G
 ClientSampleId :

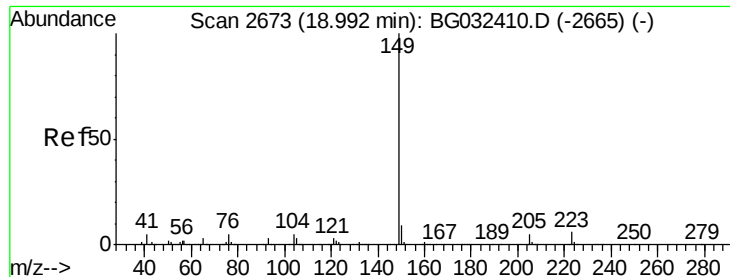
Tot Ion:178 Resp: 555876
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.0 24.0
 179 15.1 12.5 18.7



#72
 Carbazole
 Concen: 32.53 ng
 RT: 18.46 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion:167 Resp: 440161
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 11.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 32.86 ng

RT: 18.97 min Scan# 2668

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

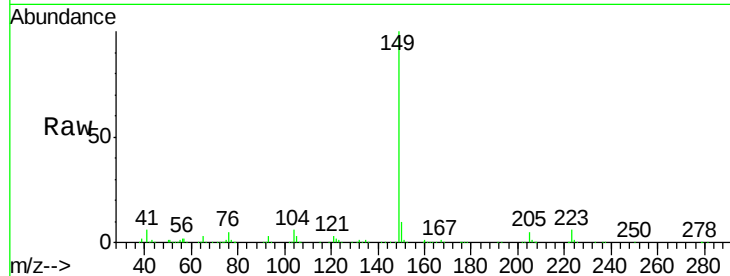
Tot Ion:149 Resp: 492325

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

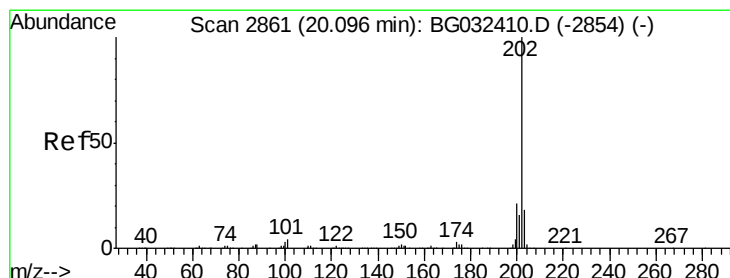
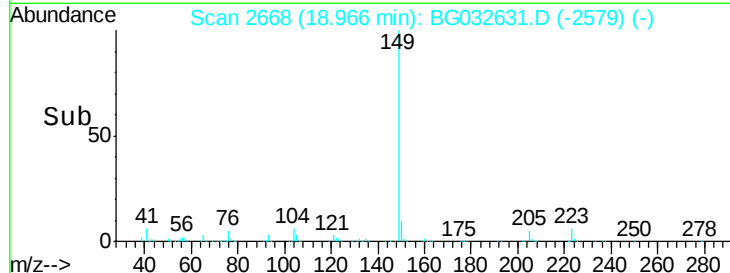
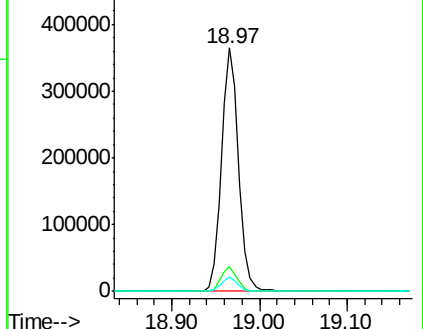
104 6.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.60 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

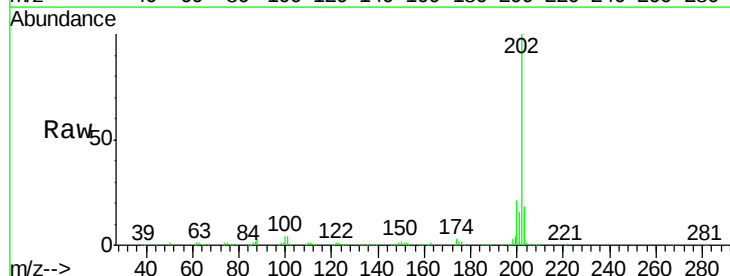
Tgt Ion:202 Resp: 657628

Ion Ratio Lower Upper

202 100

101 3.9 0.0 28.9

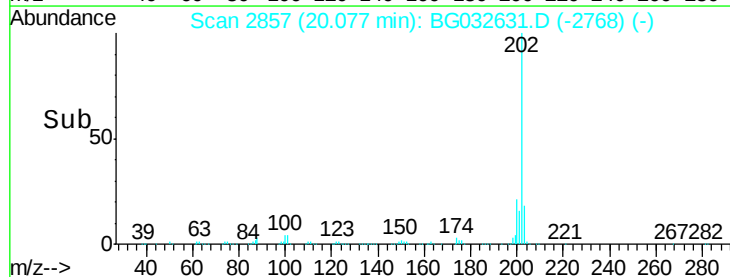
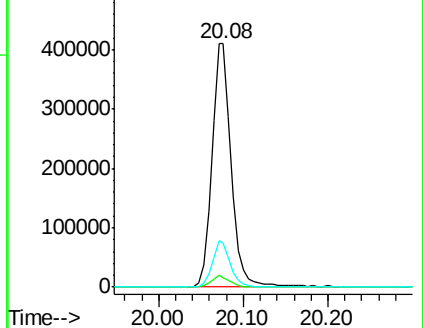
203 18.3 0.0 37.5

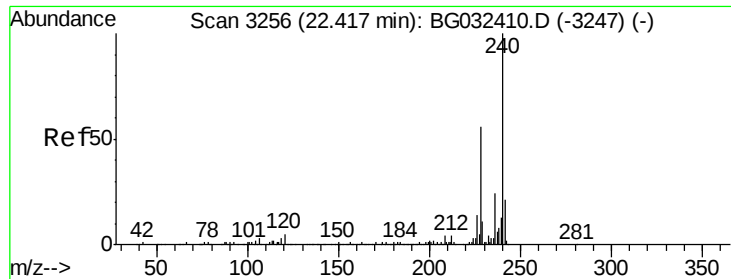


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

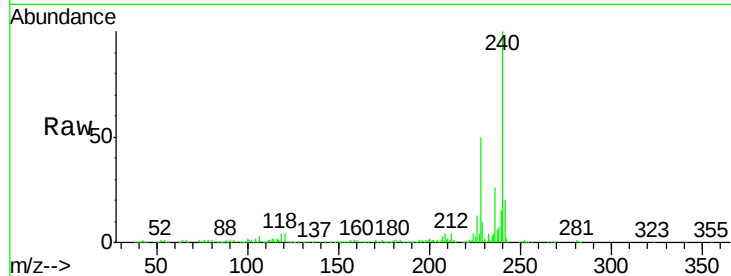
Tot Ion:240 Resp: 314966

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

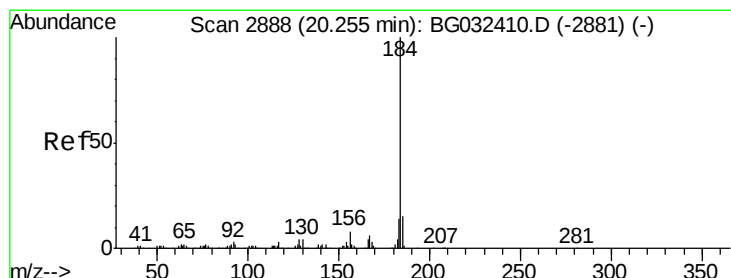
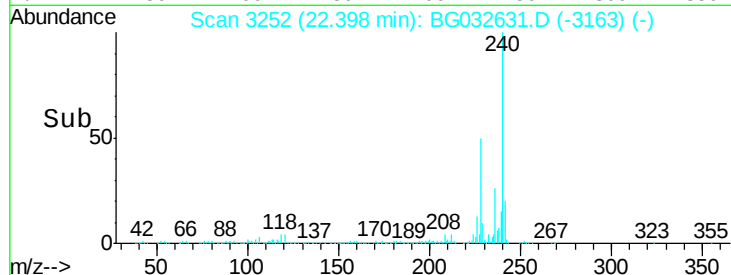
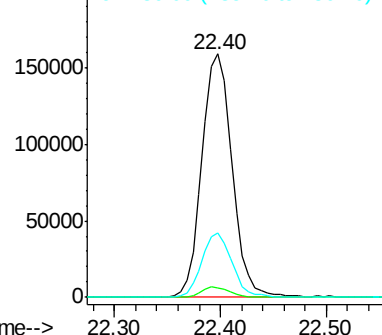
236 26.4 20.9 31.3



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: 13.13 ng

RT: 20.24 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

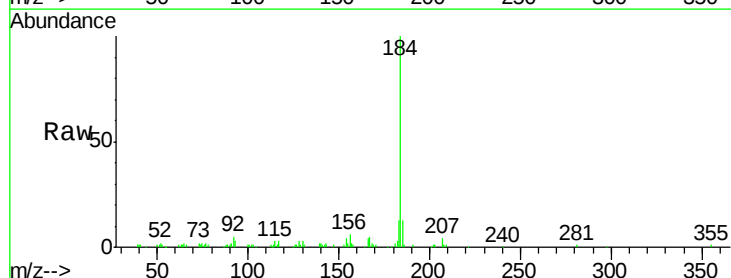
Tgt Ion:184 Resp: 81182

Ion Ratio Lower Upper

184 100

185 13.4 11.1 16.7

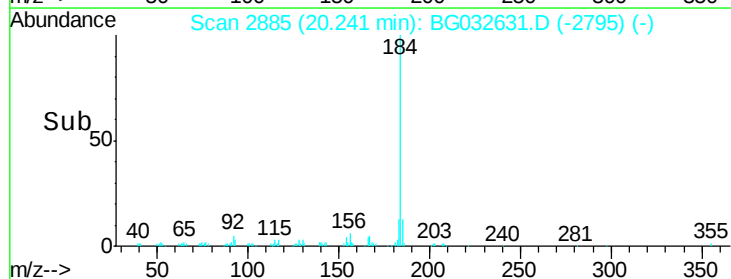
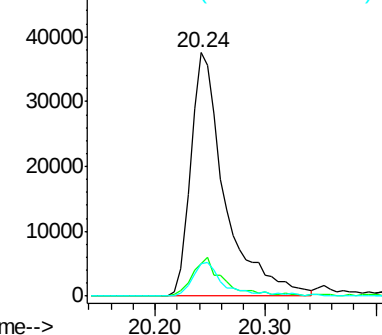
183 13.1 10.6 16.0

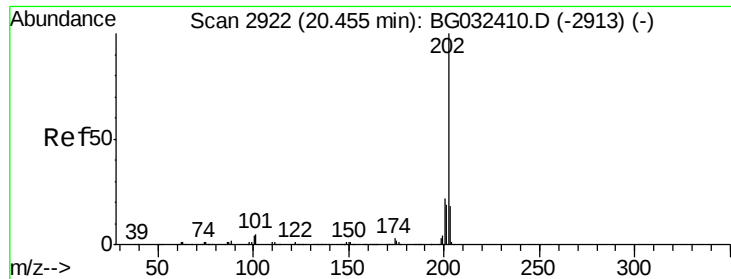


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.32 ng

RT: 20.44 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampled :

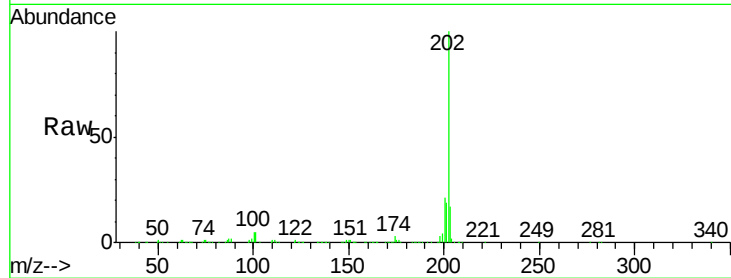
Tot Ion:202 Resp: 682280

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

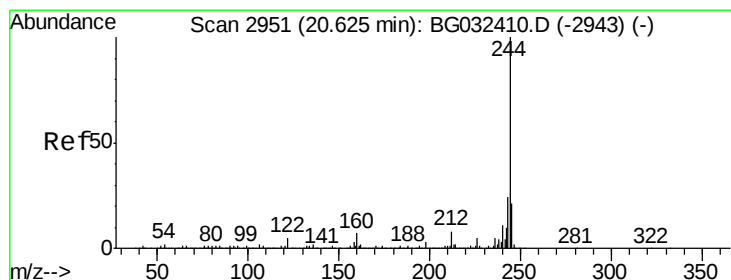
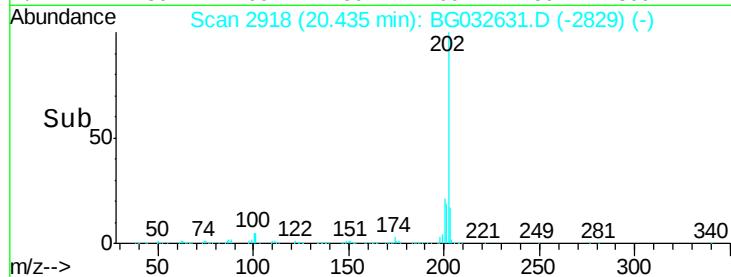
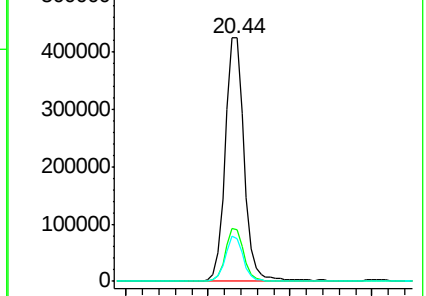
203 17.3 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.66 ng

RT: 20.61 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

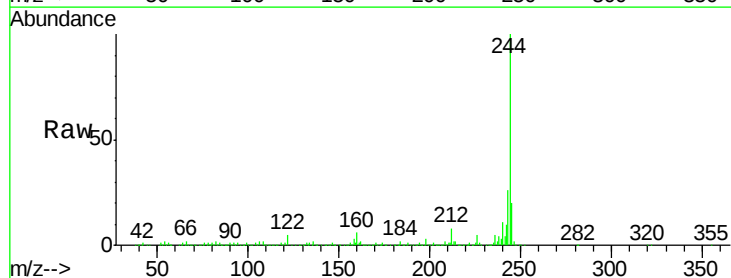
Tgt Ion:244 Resp: 1009577

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

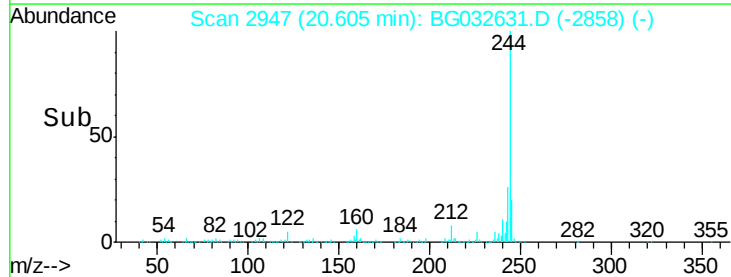
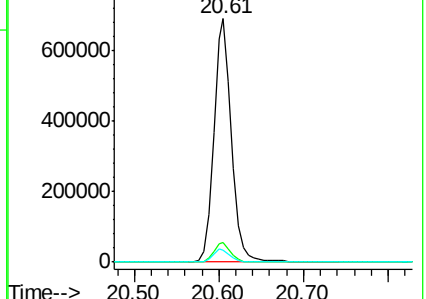
122 4.9 7.0 10.4#

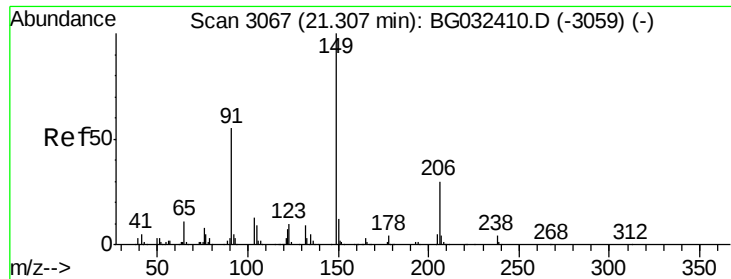


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

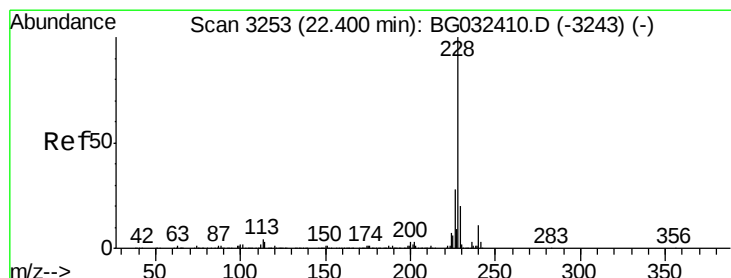
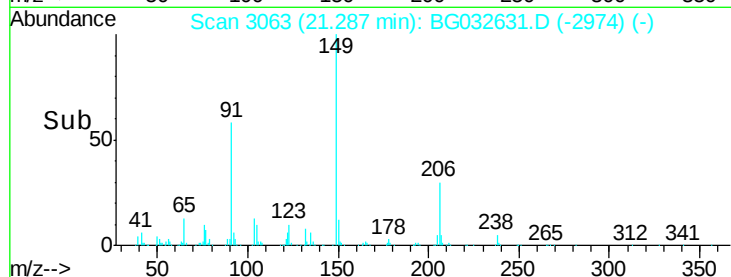
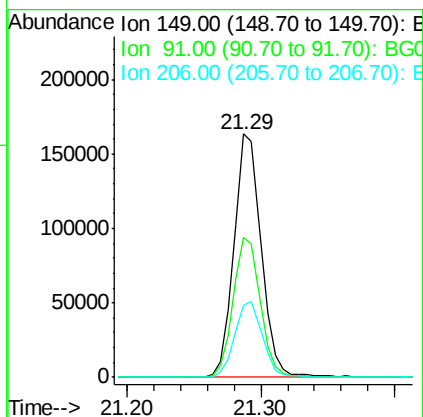
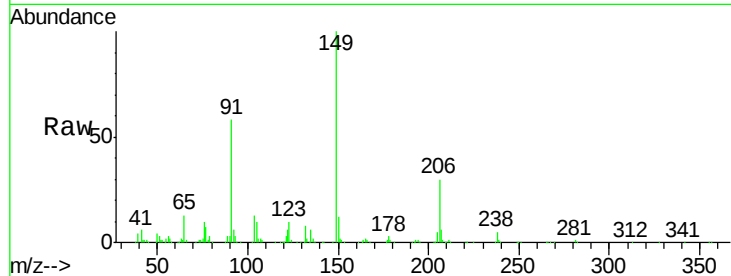




#79
Butylbenzylphthalate
Concen: 38.17 ng
RT: 21.29 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

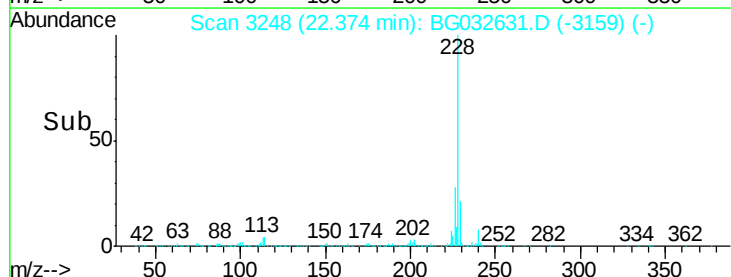
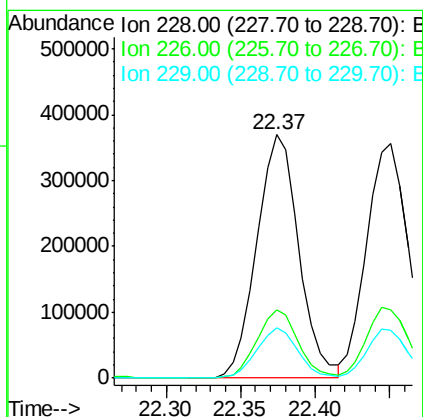
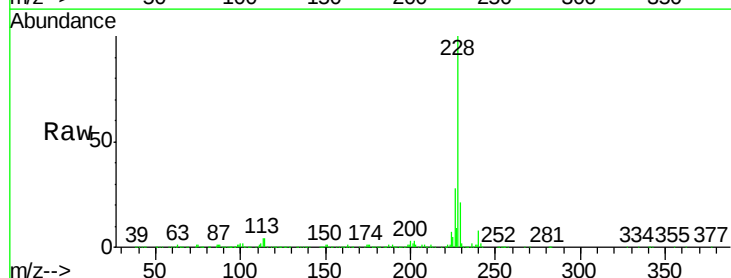
Instrument :
BNA_G
ClientSampleId :

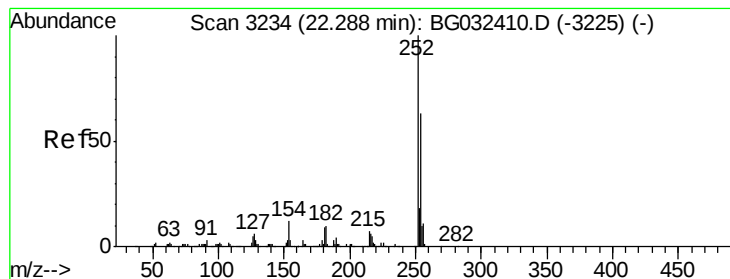
Tot Ion:149 Resp: 232596
Ion Ratio Lower Upper
149 100
91 57.7 62.2 93.2#
206 29.8 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 22.37 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG032631.D
Acq: 9 Feb 2018 14:03

Tgt Ion:228 Resp: 722487
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.6 16.2 24.2





#81

3,3'-Dichlorobenzidine

Concen: 33.48 ng

RT: 22.27 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

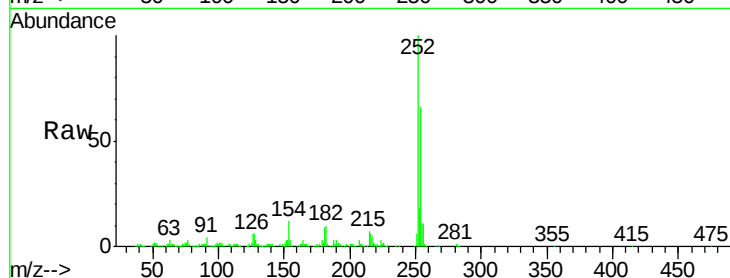
Tot Ion:252 Resp: 253249

Ion Ratio Lower Upper

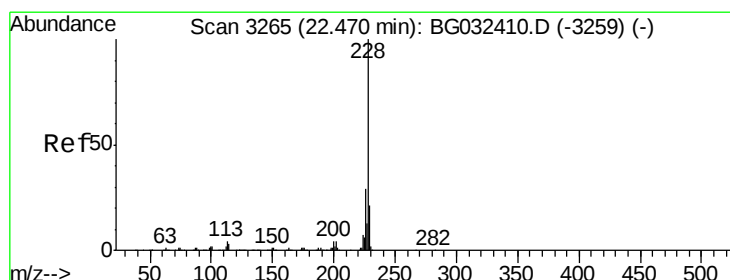
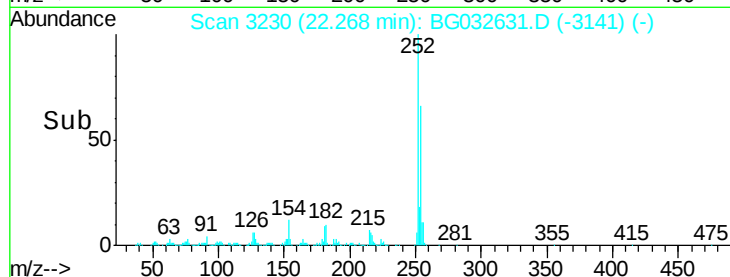
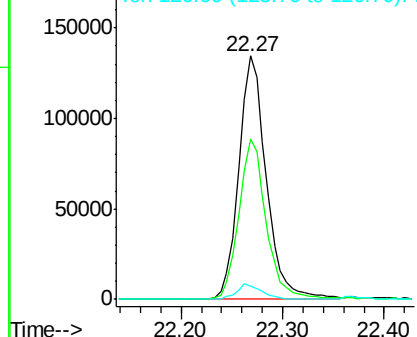
252 100

254 65.9 50.8 76.2

126 5.5 7.4 11.2#



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



#82

Chrysene

Concen: 37.12 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.00 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

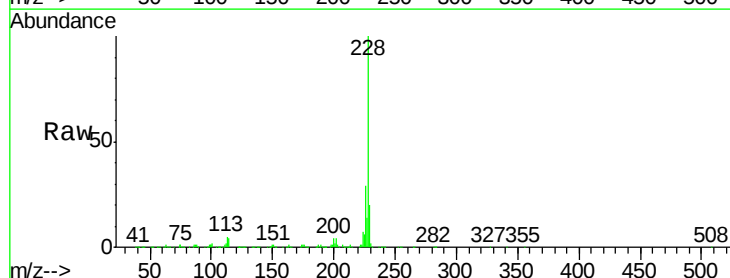
Tgt Ion:228 Resp: 699931

Ion Ratio Lower Upper

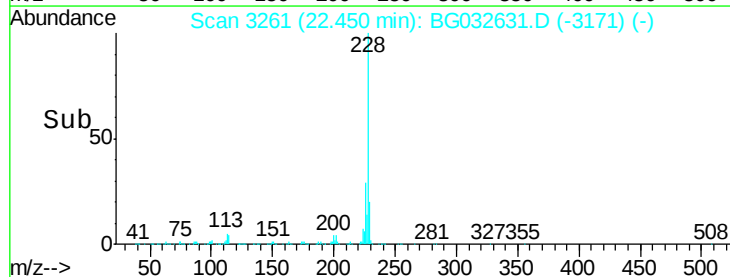
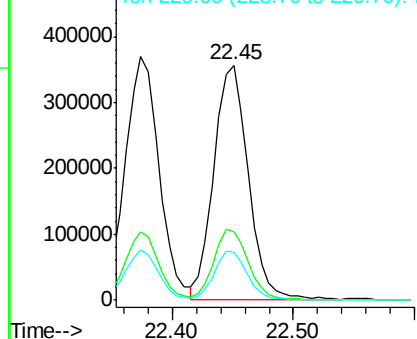
228 100

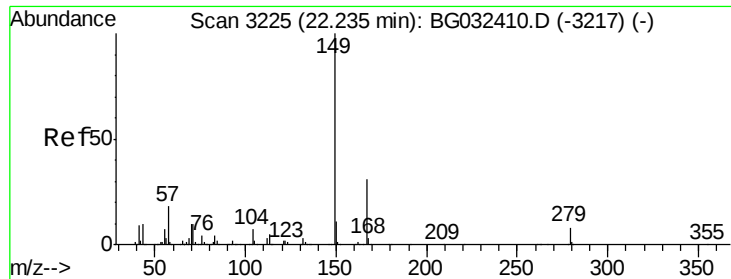
226 29.3 24.9 37.3

229 20.2 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.47 ng

RT: 22.22 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampled :

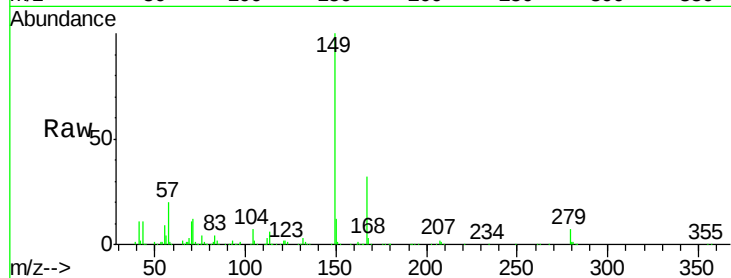
Tot Ion:149 Resp: 332346

Ion Ratio Lower Upper

149 100

167 32.1 24.3 36.5

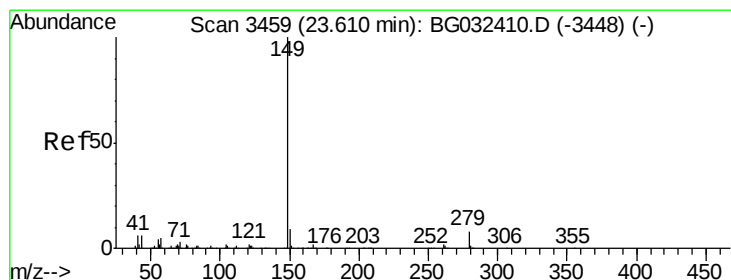
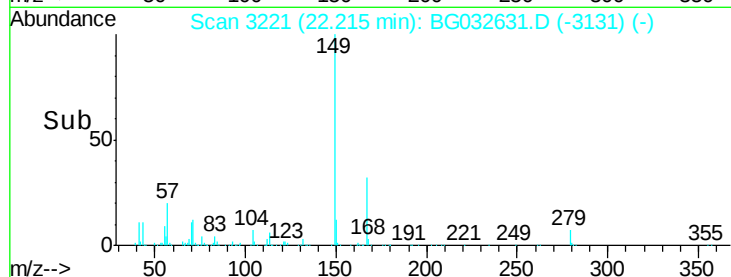
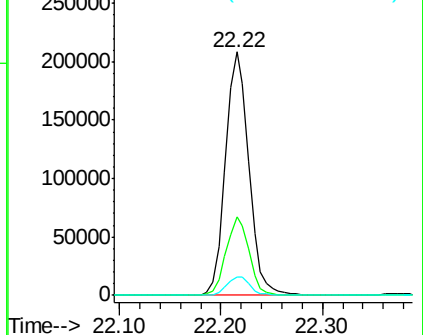
279 7.4 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.12 ng

RT: 23.58 min Scan# 3454

Delta R.T. 0.00 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

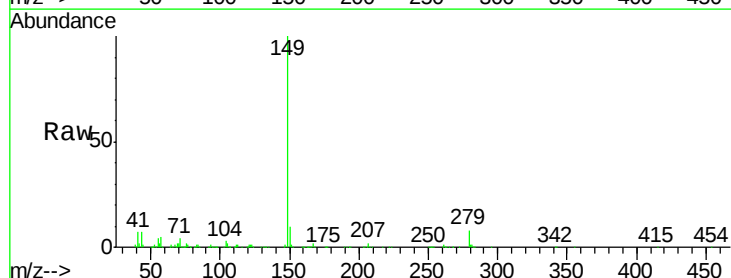
Tgt Ion:149 Resp: 536060

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

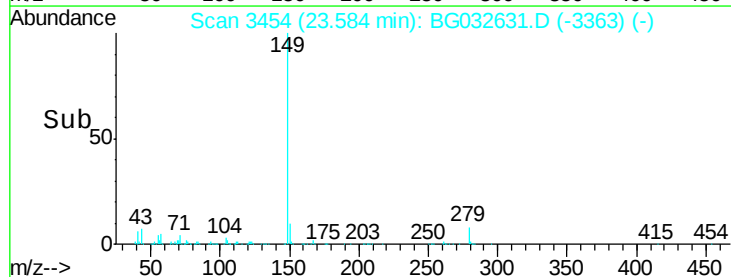
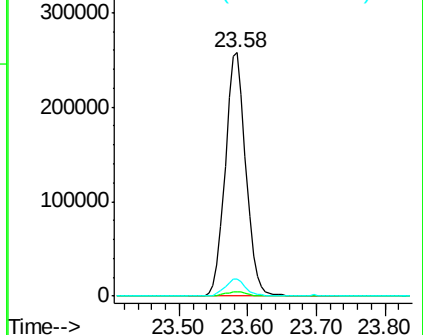
43 7.1 8.9 13.3#

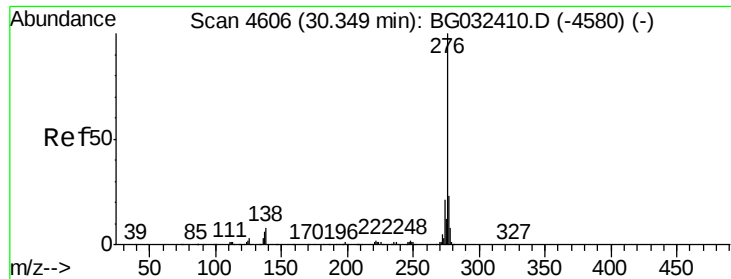


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

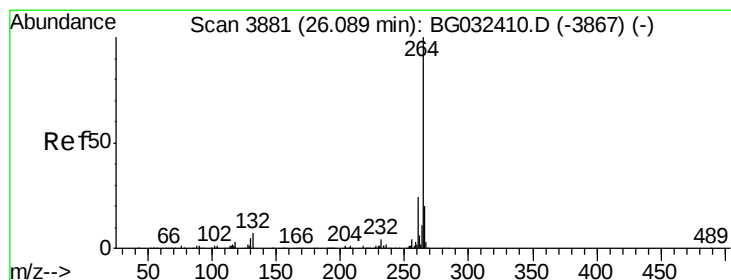
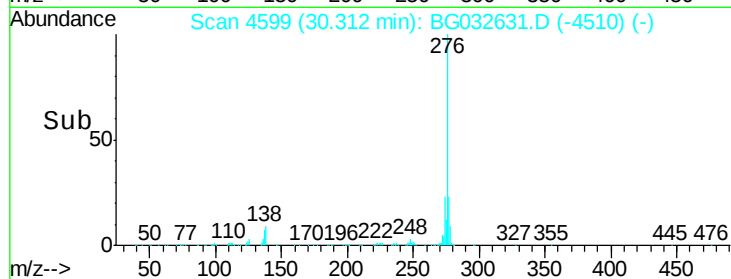
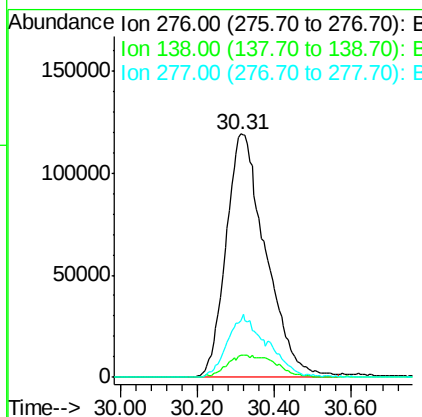
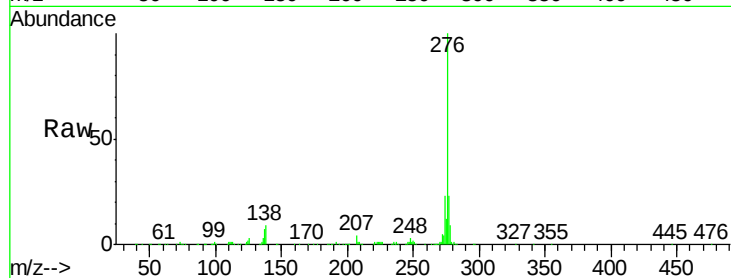




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.86 ng
 RT: 30.31 min Scan# 4599
 Delta R.T. -0.01 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

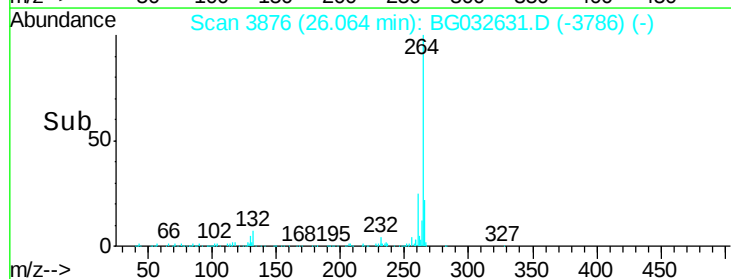
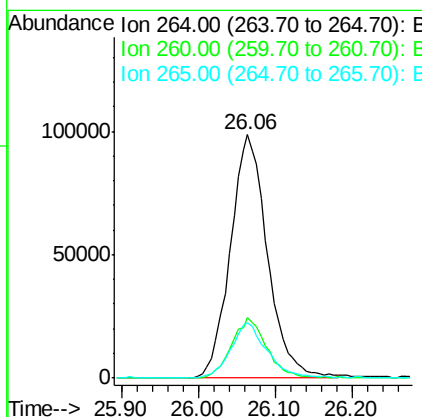
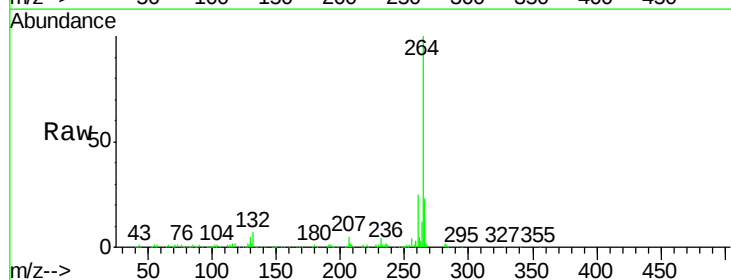
Instrument :
 BNA_G
 ClientSampleId :

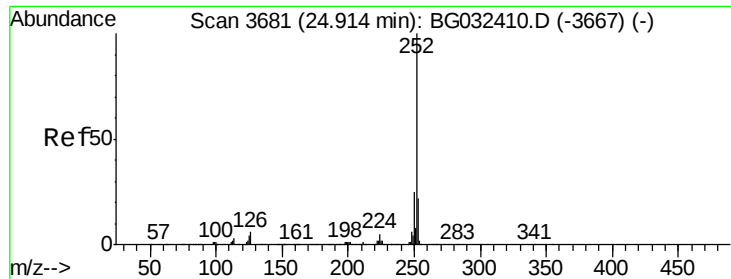
Tot Ion:276 Resp: 855547
 Ion Ratio Lower Upper
 276 100
 138 5.2 16.0 24.0#
 277 25.4 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.00 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Tgt Ion:264 Resp: 331063
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.4 26.0
 265 22.6 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 36.55 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG032631.D

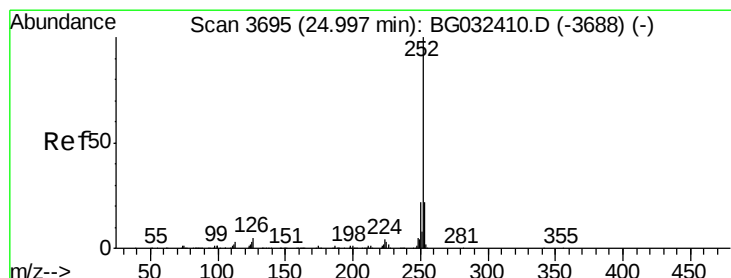
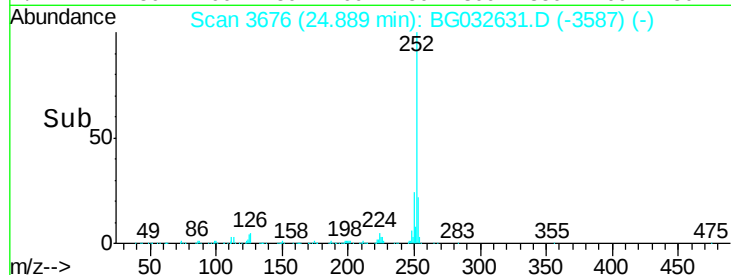
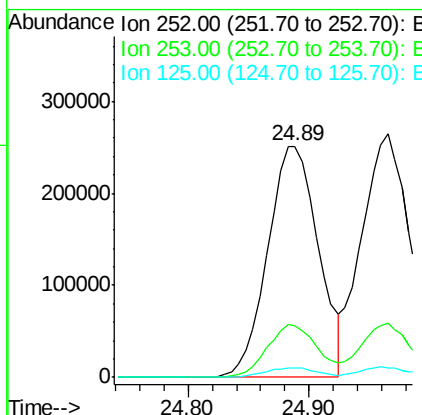
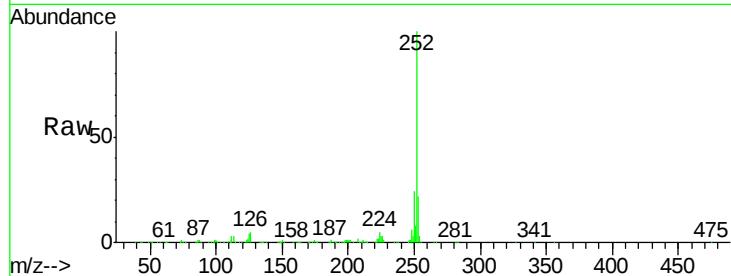
Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	731107
Ion Ratio	Lower	Upper
252	100	
253	22.2	18.2 27.4
125	3.9	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 38.53 ng

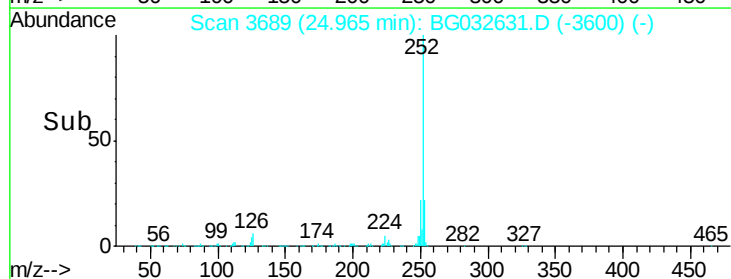
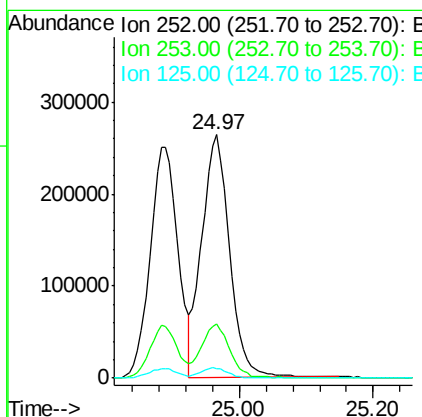
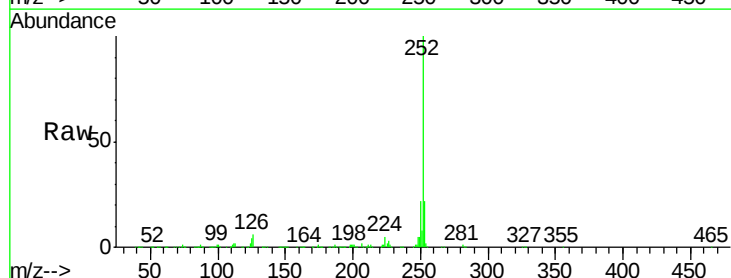
RT: 24.97 min Scan# 3689

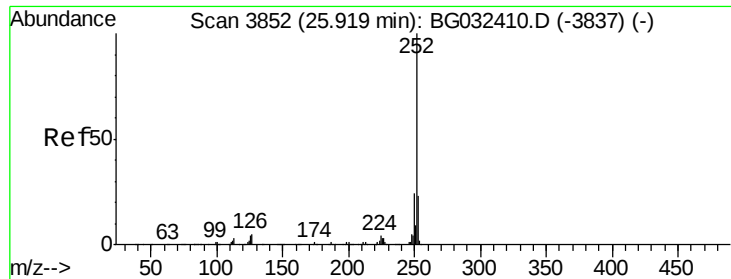
Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Tgt Ion:252	Resp:	763585
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.4 26.2
125	3.9	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 37.62 ng

RT: 25.89 min Scan# 3847

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

Instrument :

BNA_G

ClientSampleId :

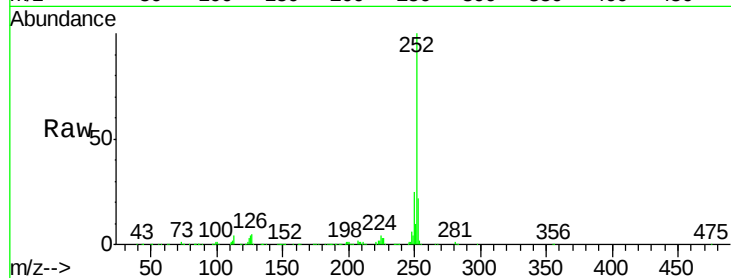
Tot Ion:252 Resp: 717480

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

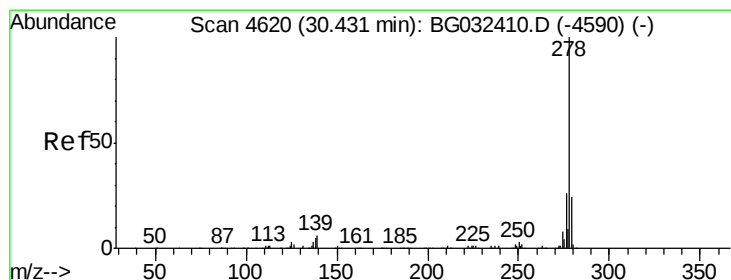
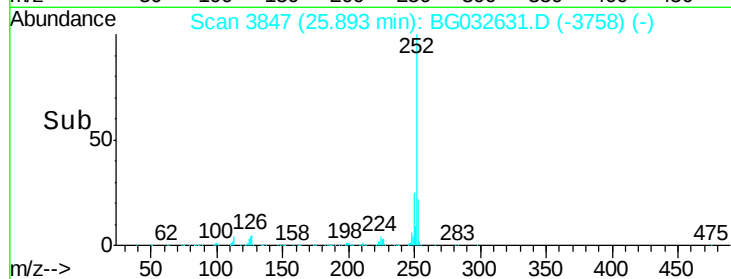
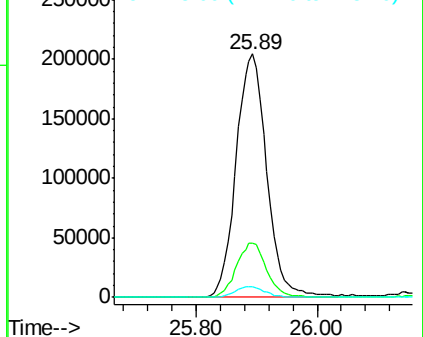
125 4.1 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.80 ng

RT: 30.39 min Scan# 4612

Delta R.T. -0.01 min

Lab File: BG032631.D

Acq: 9 Feb 2018 14:03

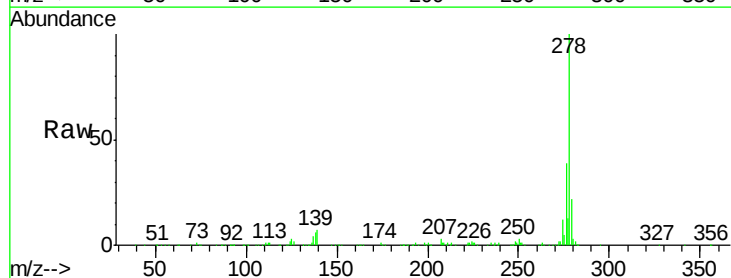
Tgt Ion:278 Resp: 698347

Ion Ratio Lower Upper

278 100

139 7.2 9.8 14.6#

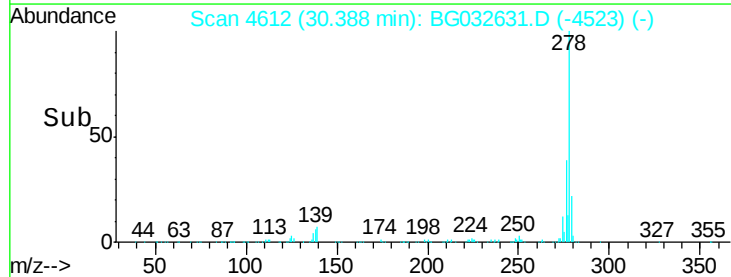
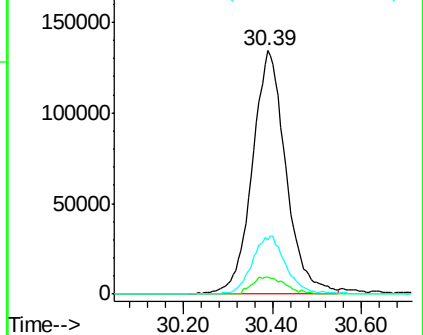
279 22.4 18.4 27.6

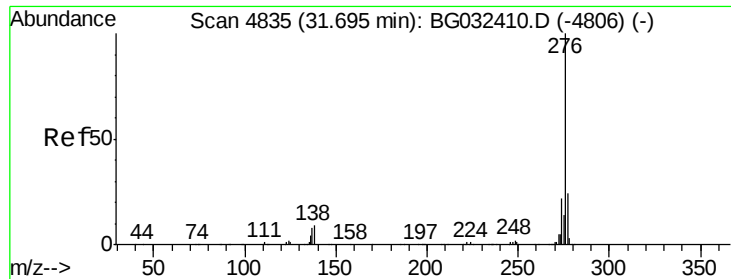


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.10 ng
 RT: 31.65 min Scan# 4826
 Delta R.T. -0.01 min
 Lab File: BG032631.D
 Acq: 9 Feb 2018 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.3	27.5
138	8.5	13.9	20.9

