

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032438.D
 Acq On : 30 Jan 2018 8:26
 Operator : SJ/JU
 Sample : PB106136BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 10:55:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	25426	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	115768	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	93596	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	245491	20.00	ng	0.00
75) Chrysene-d12	22.42	240	280716	20.00	ng	0.00
86) Perylene-d12	26.10	264	303075	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	195588	154.51	ng	0.00
7) Phenol-d6	7.84	99	248984	147.40	ng	0.01
23) Nitrobenzene-d5	9.92	82	147519	79.59	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	131572	73.85	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	592599	75.25	ng	0.00
78) Terphenyl-d14	20.63	244	1172997	89.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.80	88	13349	31.342	ng	# 73
3) Pyridine	4.26	79	38963	33.880	ng	# 81
4) n-Nitrosodimethylamine	4.17	42	27554	46.026	ng	# 70
6) Aniline	8.02	93	22207	10.544	ng	95
8) 2-Chlorophenol	8.27	128	78956	52.766	ng	83
9) Benzaldehyde	7.82	77	28921	33.148	ng	83
10) Phenol	7.86	94	84669	52.781	ng	91
11) bis(2-Chloroethyl)ether	8.11	93	52736	43.145	ng	# 77
12) 1,3-Dichlorobenzene	8.61	146	79779	39.424	ng	94
13) 1,4-Dichlorobenzene	8.76	146	83168	41.005	ng	95
14) 1,2-Dichlorobenzene	9.09	146	81682	41.110	ng	95
15) Benzyl Alcohol	8.96	79	68485	49.192	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.25	45	49967	43.141	ng	76
17) 2-Methylphenol	9.16	107	62714	48.135	ng	# 87
18) Hexachloroethane	9.84	117	26307	38.631	ng	# 69
19) n-Nitroso-di-n-propylamine	9.53	70	47951	42.812	ng	# 90
20) 3+4-Methylphenols	9.49	107	86730	47.457	ng	95
22) Acetophenone	9.56	105	107665	39.674	ng	# 94
24) Nitrobenzene	9.96	77	74514	41.576	ng	92
25) Isophorone	10.49	82	140885	44.641	ng	# 80
26) 2-Nitrophenol	10.69	139	48963	45.193	ng	# 83
27) 2,4-Dimethylphenol	10.73	122	83117	53.450	ng	97
28) bis(2-Chloroethoxy)methane	10.97	93	82643	47.754	ng	96
29) 2,4-Dichlorophenol	11.23	162	106056	51.483	ng	92
30) 1,2,4-Trichlorobenzene	11.45	180	105473	38.415	ng	99
31) Naphthalene	11.65	128	232949	41.199	ng	98
32) Benzoic acid	10.73	122	83117	68.061	ng	# 8
33) 4-Chloroaniline	11.75	127	16965	6.727	ng	# 92
34) Hexachlorobutadiene	11.92	225	77756	36.400	ng	93
35) Caprolactam	12.49	113	29771	50.342	ng	# 50
36) 4-Chloro-3-methylphenol	12.83	107	98084	50.196	ng	# 83
37) 2-Methylnaphthalene	13.22	142	205808	43.326	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	164603	37.592	ng	# 96
40) Hexachlorocyclopentadiene	13.55	237	199133	72.787	ng	92

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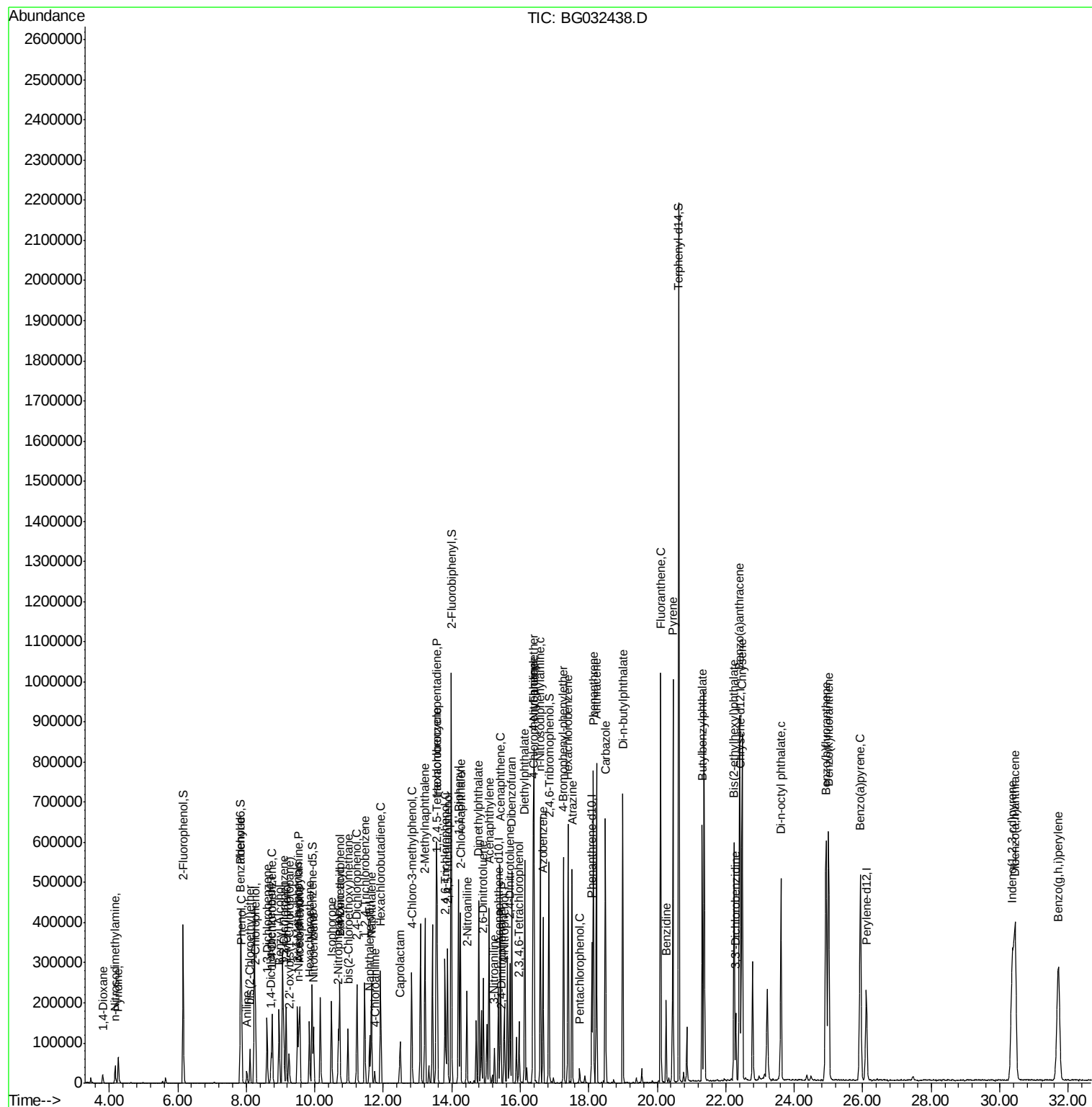
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	95580	40.130	ng	98
43) 2,4,5-Trichlorophenol	13.88	196	112854	40.647	ng	# 92
45) 1,1'-Biphenyl	14.20	154	300216	37.966	ng	94
46) 2-Chloronaphthalene	14.25	162	240120	38.743	ng	97
47) 2-Nitroaniline	14.44	65	58670	42.807	ng	# 79
48) Acenaphthylene	15.09	152	363075	38.751	ng	98
49) Dimethylphthalate	14.79	163	337980	39.163	ng	99
50) 2,6-Dinitrotoluene	14.92	165	74625	41.199	ng	# 71
51) Acenaphthene	15.43	154	230549	35.480	ng	99
52) 3-Nitroaniline	15.24	138	25926	16.387	ng	# 74
53) 2,4-Dinitrophenol	15.45	184	895	4.855	ng	# 1
54) Dibenzofuran	15.75	168	395028	41.073	ng	96
55) 4-Nitrophenol	15.53	139	54683	46.167	ng	# 74
56) 2,4-Dinitrotoluene	15.70	165	108220	41.962	ng	# 68
57) Fluorene	16.40	166	321003	40.166	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.97	232	43440	15.863	ng	# 85
59) Diethylphthalate	16.13	149	333178	39.640	ng	98
60) 4-Chlorophenyl-phenylether	16.37	204	203164	40.313	ng	96
61) 4-Nitroaniline	16.41	138	68032	40.119	ng	80
62) Azobenzene	16.67	77	203697	40.553	ng	82
65) n-Nitrosodiphenylamine	16.58	169	300453	41.010	ng	98
66) 4-Bromophenyl-phenylether	17.27	248	154082	42.366	ng	97
67) Hexachlorobenzene	17.39	284	160417	39.857	ng	# 91
68) Atrazine	17.51	200	140657	44.724	ng	96
69) Pentachlorophenol	17.74	266	10769	4.271	ng	96
70) Phenanthrene	18.14	178	559441	40.864	ng	99
71) Anthracene	18.22	178	577146	42.339	ng	98
72) Carbazole	18.49	167	484481	40.225	ng	99
73) Di-n-butylphthalate	18.99	149	551765	41.377	ng	100
74) Fluoranthene	20.10	202	727270	40.508	ng	95
76) Benzidine	20.26	184	135228	24.533	ng	98
77) Pyrene	20.46	202	721377	41.898	ng	99
79) Butylbenzylphthalate	21.31	149	233498	42.995	ng	# 76
80) Benzo(a)anthracene	22.40	228	732172	42.072	ng	99
81) 3,3'-Dichlorobenzidine	22.29	252	79099	11.731	ng	# 96
82) Chrysene	22.48	228	687352	40.898	ng	97
83) Bis(2-ethylhexyl)phthalate	22.24	149	324383	42.126	ng	# 97
84) Di-n-octyl phthalate	23.61	149	554195	45.375	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.37	276	931663	43.820	ng	# 85
87) Benzo(b)fluoranthene	24.93	252	780875	42.642	ng	# 94
88) Benzo(k)fluoranthene	25.00	252	761641	41.985	ng	# 95
89) Benzo(a)pyrene	25.93	252	751453	43.043	ng	# 95
90) Dibenzo(a,h)anthracene	30.45	278	778781	43.606	ng	# 94
91) Benzo(g,h,i)perylene	31.71	276	778903	43.939	ng	# 90

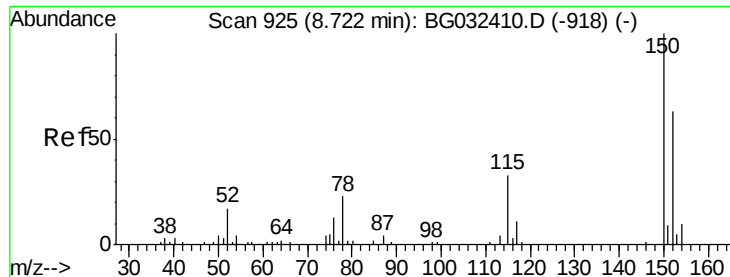
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampled :

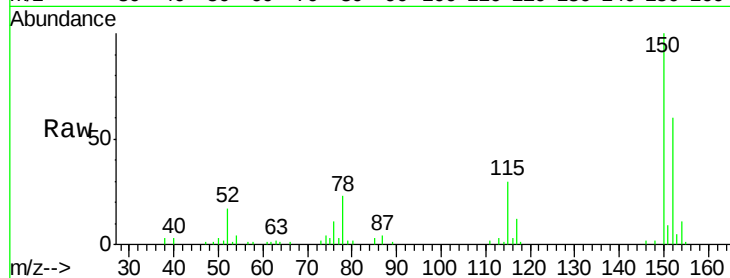
Tot Ion:152 Resp: 25426

Ion Ratio Lower Upper

152 100

150 166.8 126.6 189.8

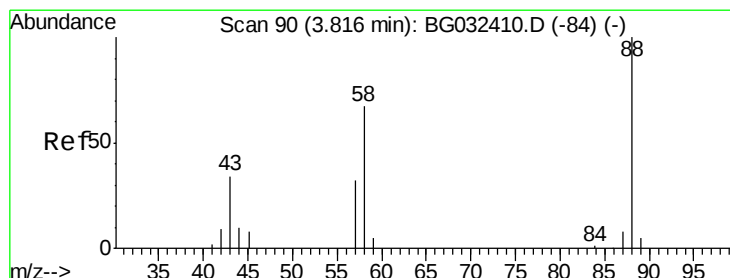
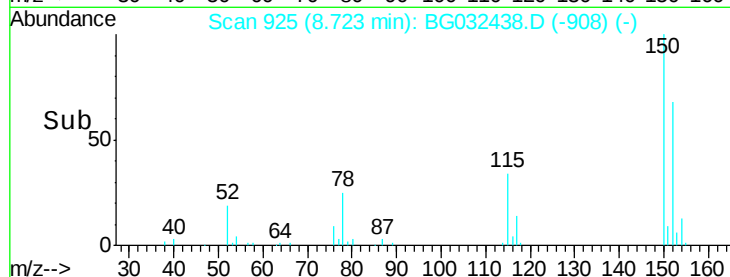
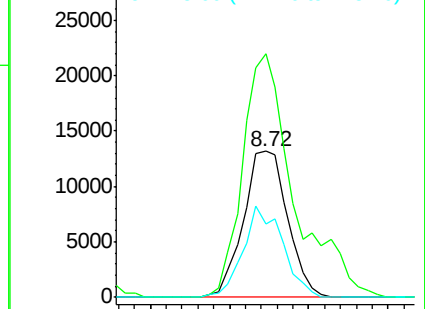
115 50.5 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.342 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

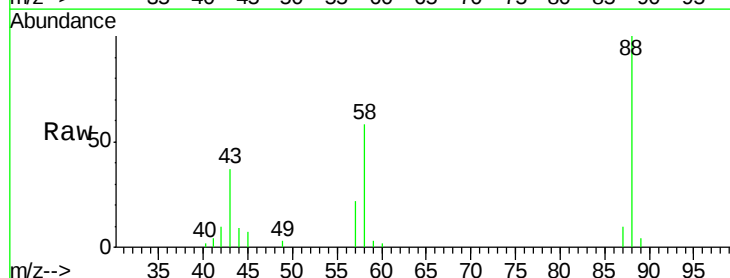
Tgt Ion: 88 Resp: 13349

Ion Ratio Lower Upper

88 100

58 64.3 79.6 119.4#

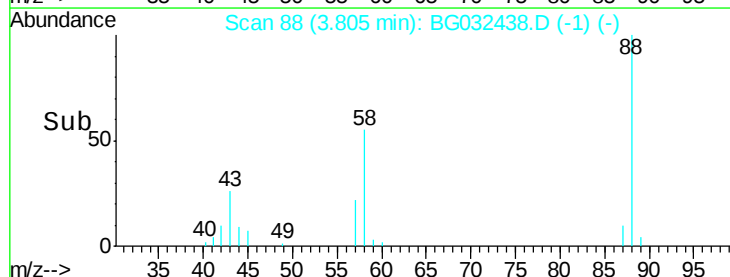
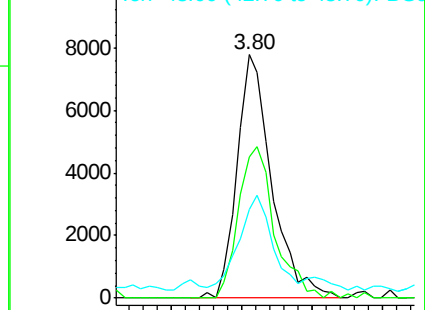
43 35.5 27.4 41.0

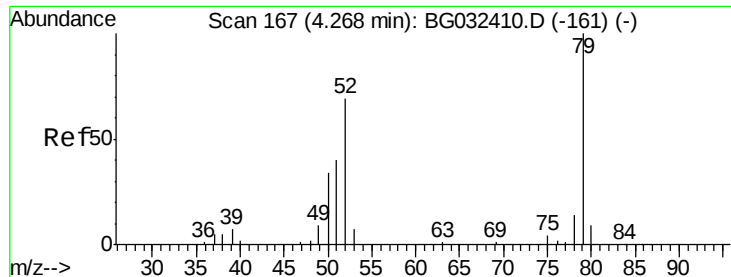


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.880 ng

RT: 4.26 min Scan# 166

Delta R.T. -0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

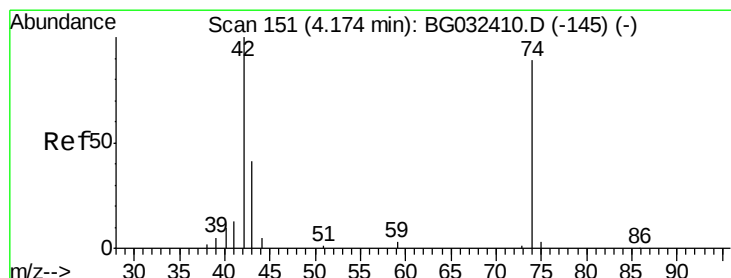
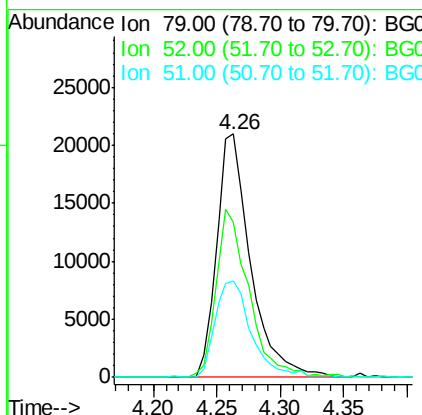
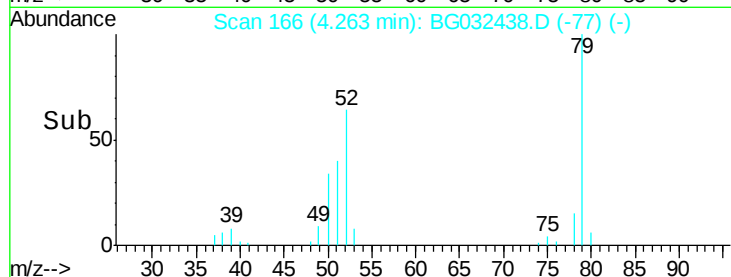
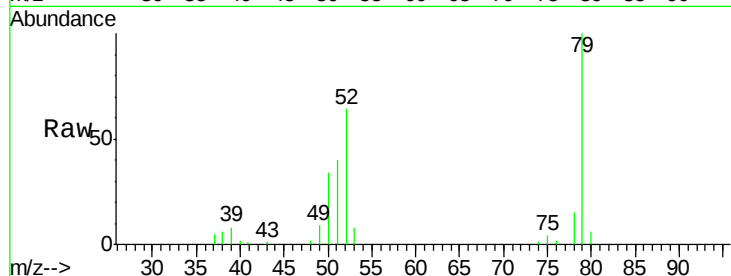
Instrument :

BNA_G

ClientSampled :

Tot Ion: 79 Resp: 38963

Ion	Ratio	Lower	Upper
79	100		
52	63.7	69.9	104.9#
51	39.6	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 46.026 ng

RT: 4.17 min Scan# 150

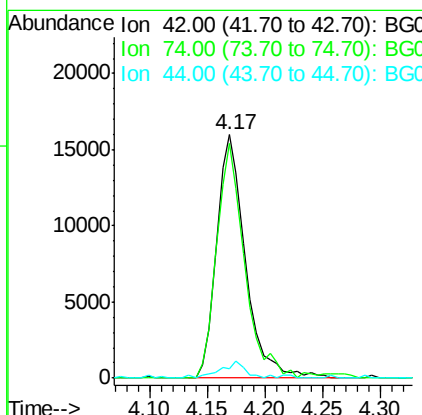
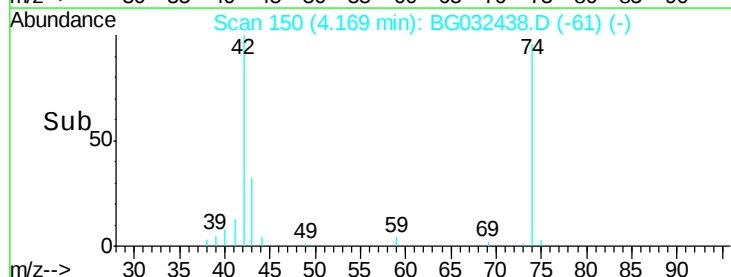
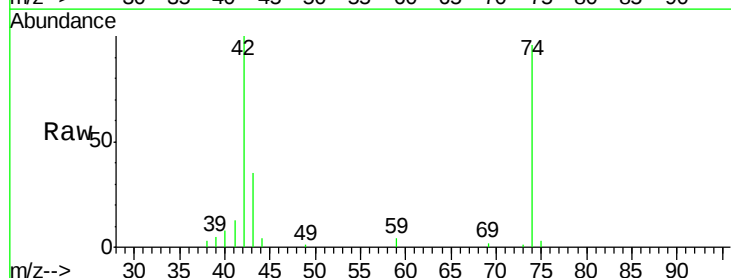
Delta R.T. -0.00 min

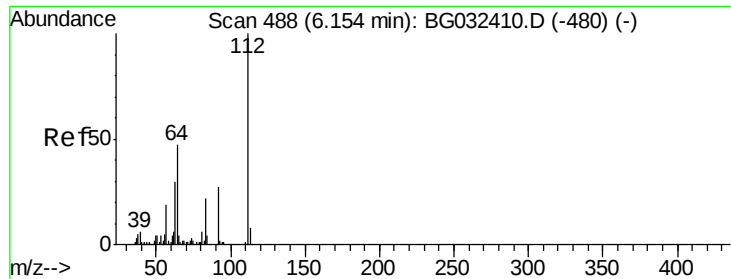
Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Tgt Ion: 42 Resp: 27554

Ion	Ratio	Lower	Upper
42	100		
74	96.3	102.5	153.7#
44	4.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 154.507 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

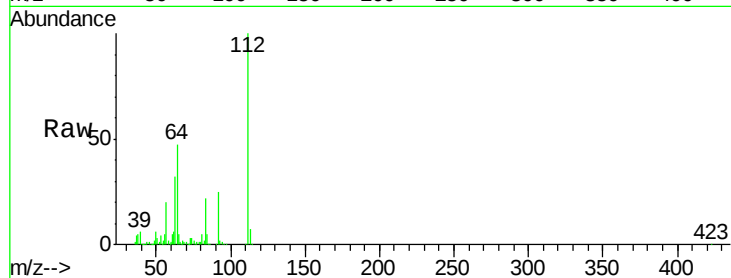
Tot Ion:112 Resp: 195588

Ion Ratio Lower Upper

112 100

64 46.8 56.3 84.5#

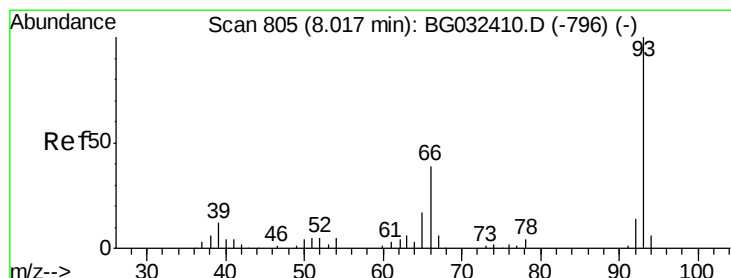
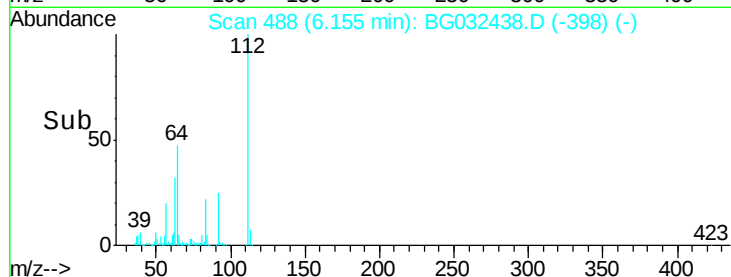
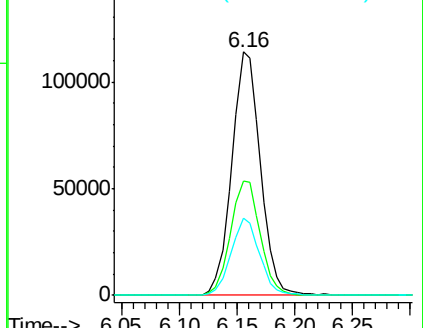
63 31.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 10.544 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

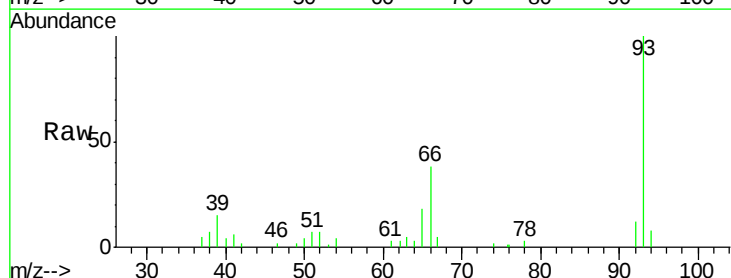
Tgt Ion: 93 Resp: 22207

Ion Ratio Lower Upper

93 100

66 38.4 33.7 50.5

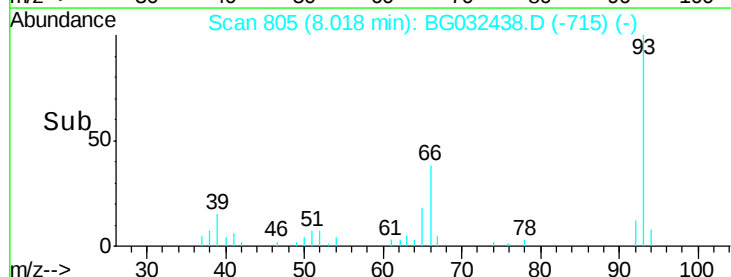
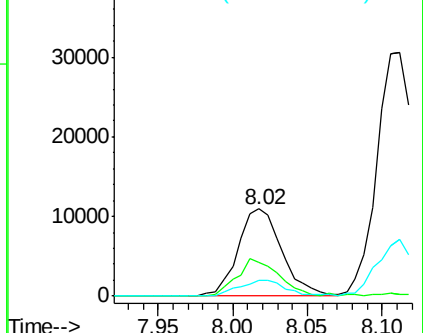
65 18.3 16.1 24.1

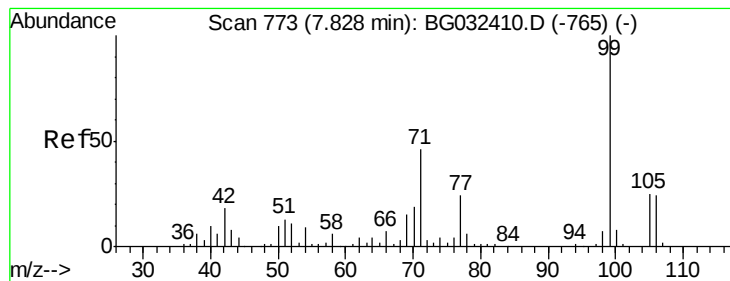


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.396 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

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BNA_G

ClientSampleId :

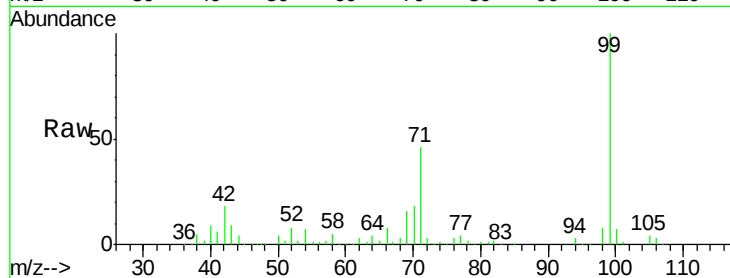
Tot Ion: 99 Resp: 248984

Ion Ratio Lower Upper

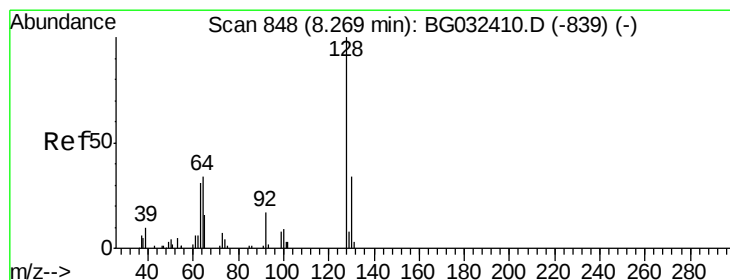
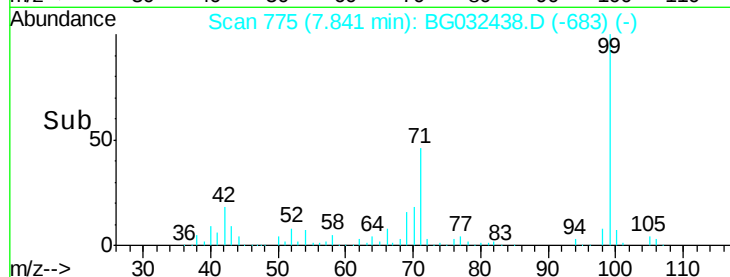
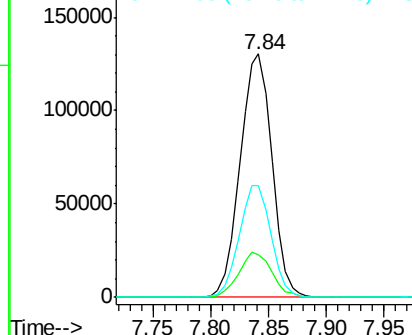
99 100

42 17.7 14.1 21.1

71 45.6 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: 52.766 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

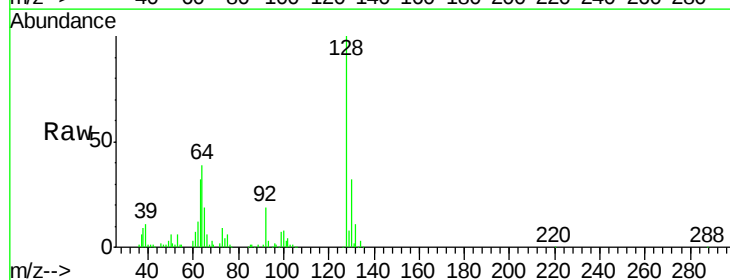
Tgt Ion:128 Resp: 78956

Ion Ratio Lower Upper

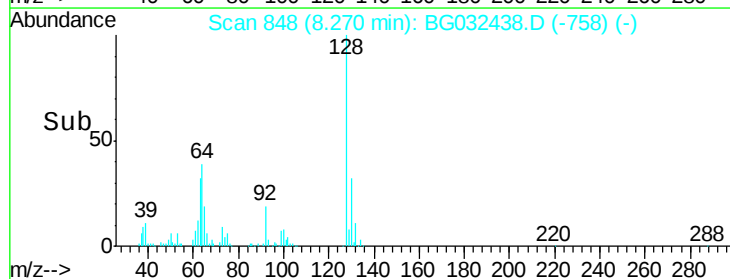
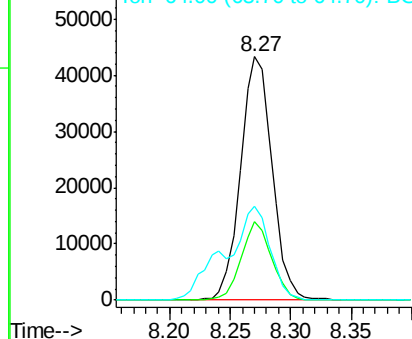
128 100

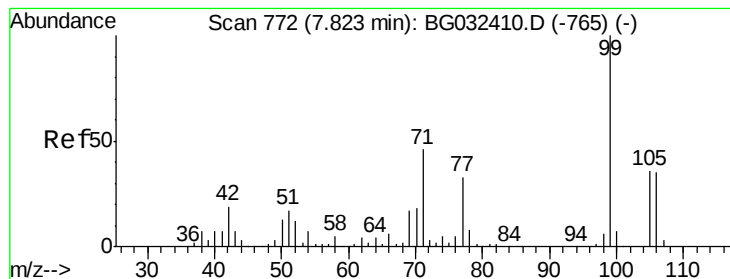
130 32.2 14.0 54.0

64 38.8 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: 33.148 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampled :

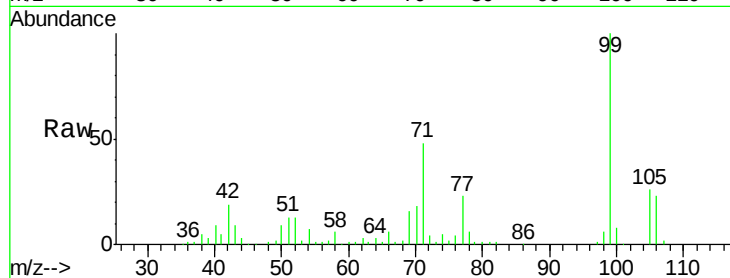
Tot Ion: 77 Resp: 28921

Ion Ratio Lower Upper

77 100

105 110.8 71.3 111.3

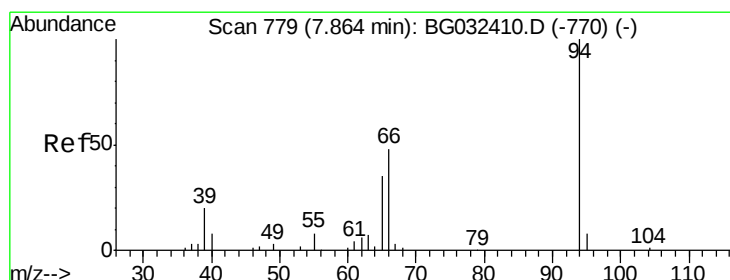
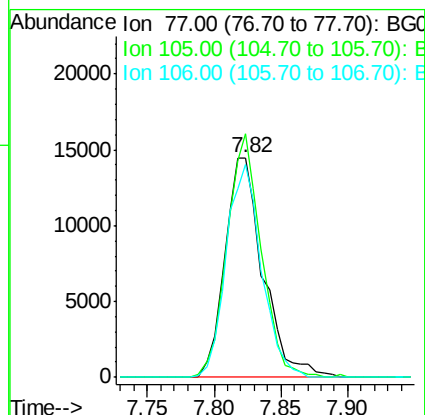
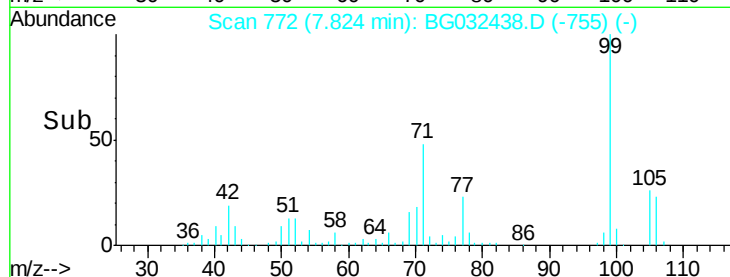
106 96.8 64.2 104.2



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: 52.781 ng

RT: 7.86 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

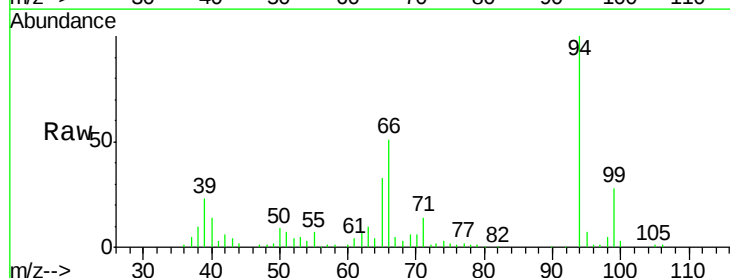
Tgt Ion: 94 Resp: 84669

Ion Ratio Lower Upper

94 100

65 33.4 11.9 51.9

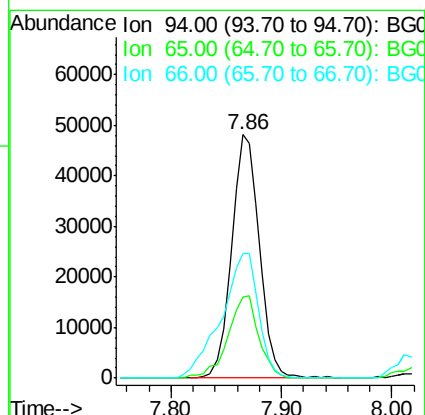
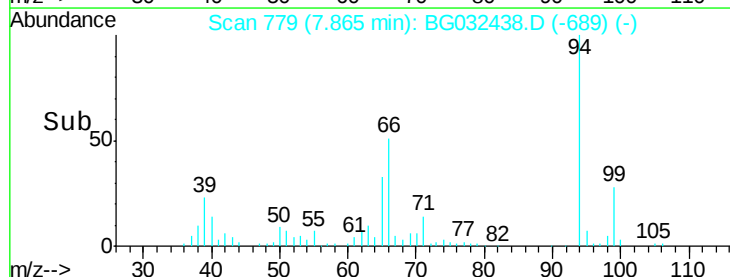
66 51.4 22.2 62.2

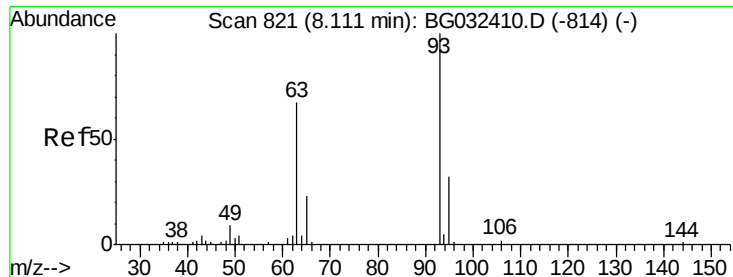


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

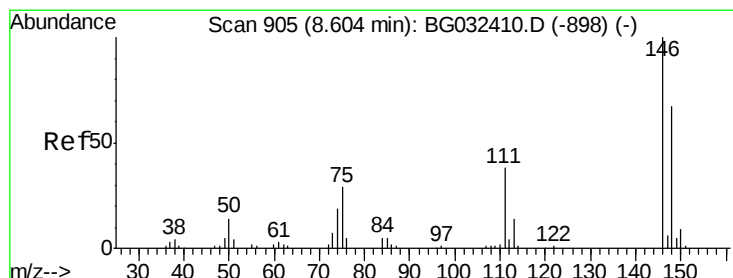
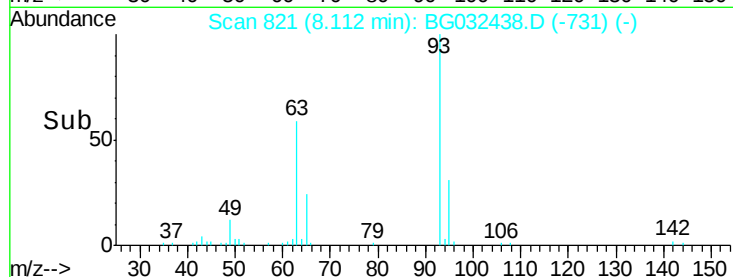
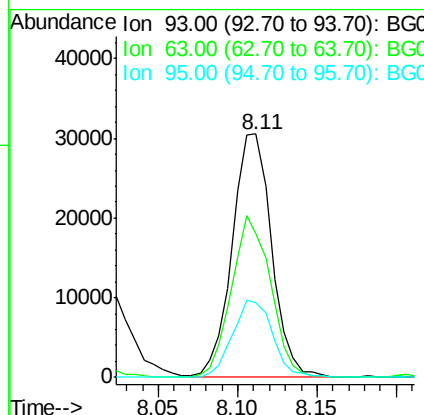
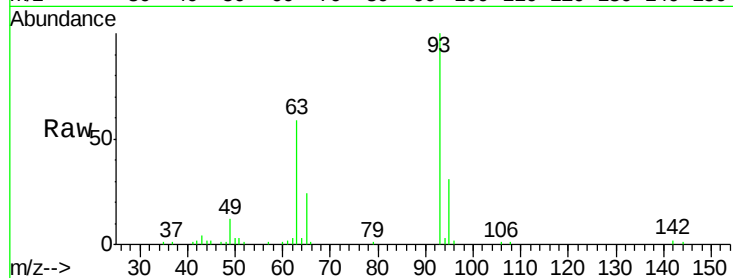




#11
bis(2-Chloroethyl)ether
Concen: 43.145 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

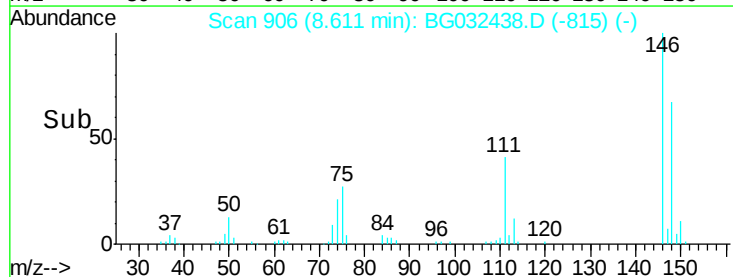
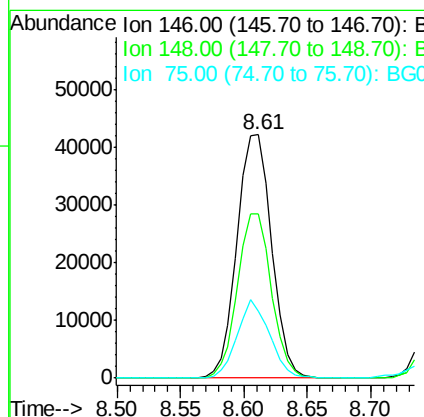
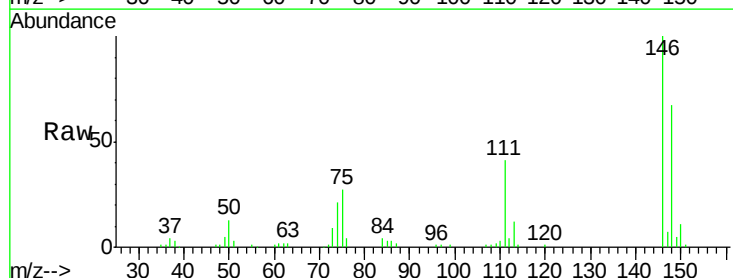
Instrument :
BNA_G
ClientSampleId :

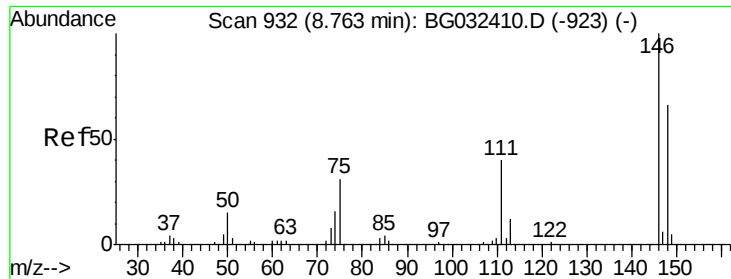
Tot Ion: 93 Resp: 52736
Ion Ratio Lower Upper
93 100
63 59.3 67.1 107.1#
95 30.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.424 ng
RT: 8.61 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion: 146 Resp: 79779
Ion Ratio Lower Upper
146 100
148 67.3 51.4 77.2
75 27.3 26.6 39.8

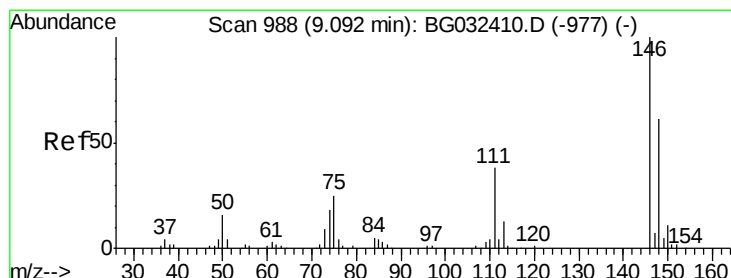
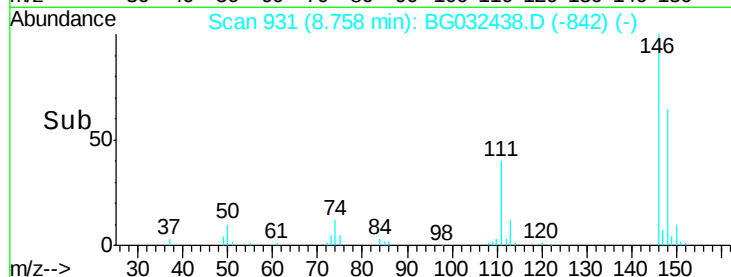
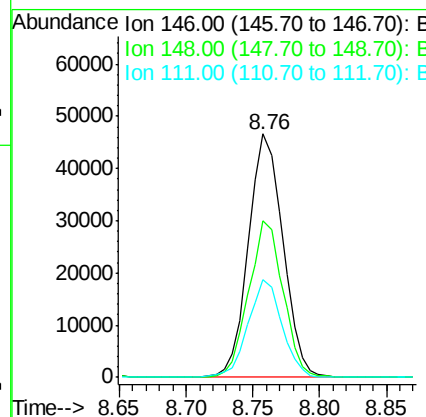
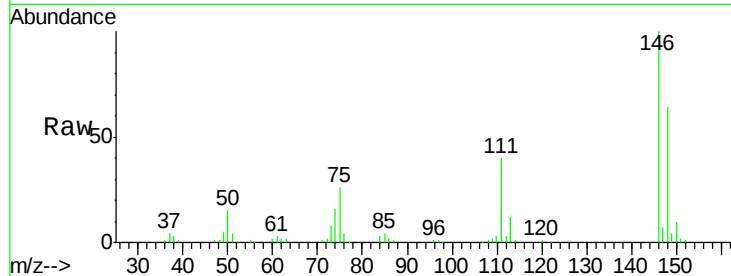




#13
 1,4-Dichlorobenzene
 Concen: 41.005 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

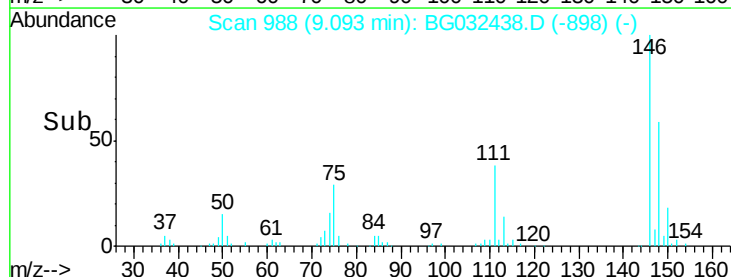
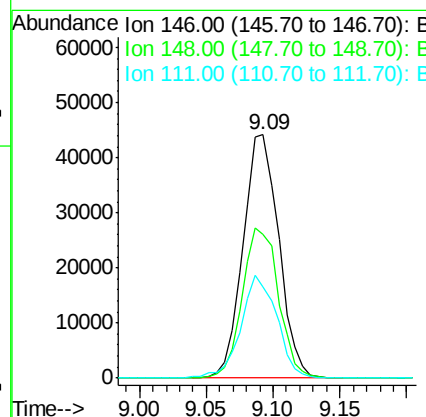
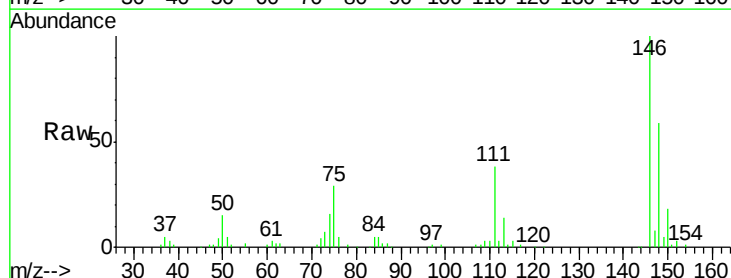
Instrument :
 BNA_G
 ClientSampleId :

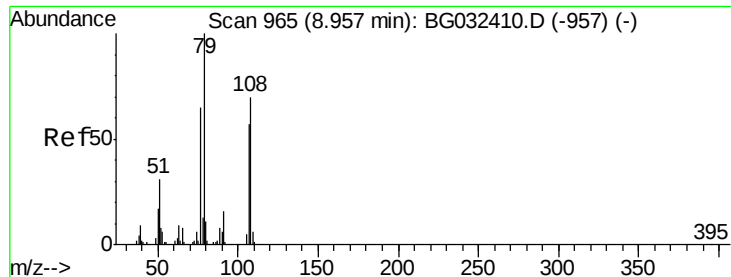
Tot Ion:146 Resp: 83168
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.7 80.5
 111 40.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.110 ng
 RT: 9.09 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion:146 Resp: 81682
 Ion Ratio Lower Upper
 146 100
 148 59.2 49.3 73.9
 111 37.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 49.192 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

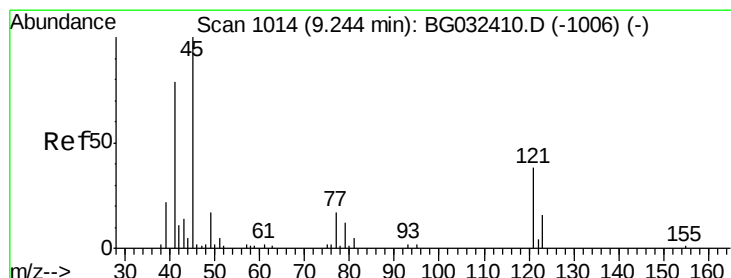
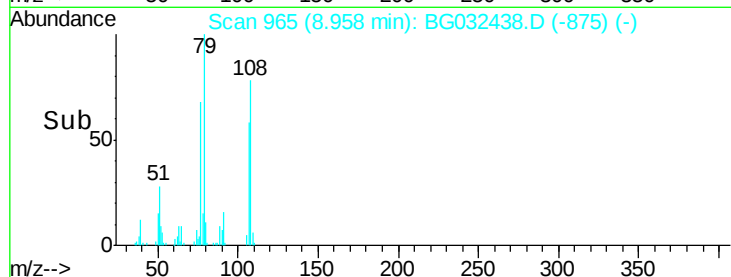
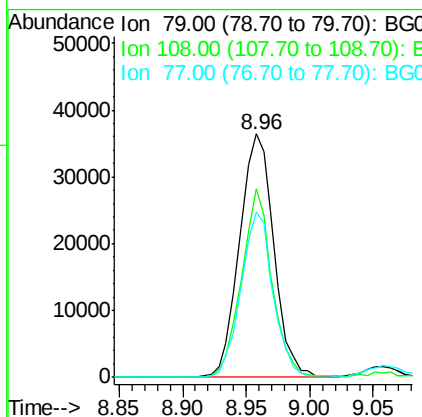
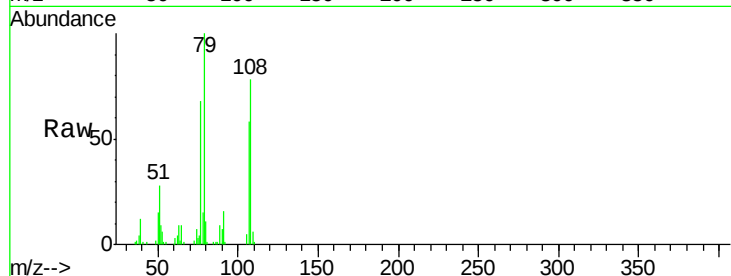
Tot Ion: 79 Resp: 68485

Ion Ratio Lower Upper

79 100

108 77.6 57.2 85.8

77 68.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.141 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

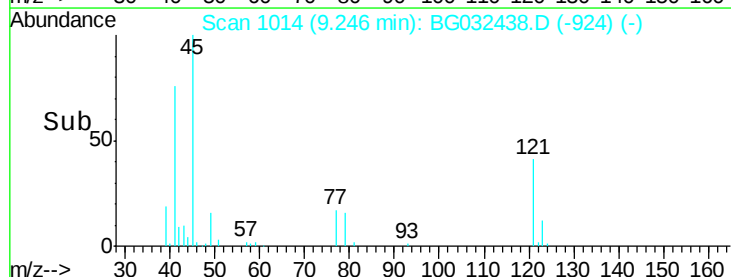
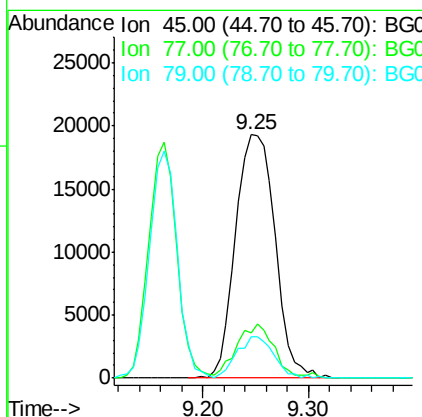
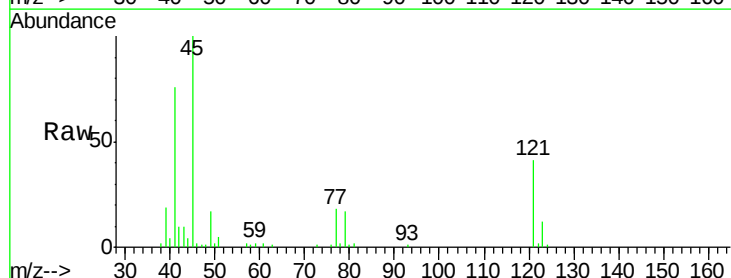
Tgt Ion: 45 Resp: 49967

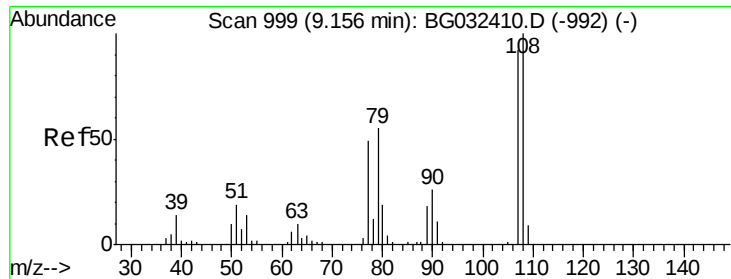
Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

79 16.9 0.0 27.9

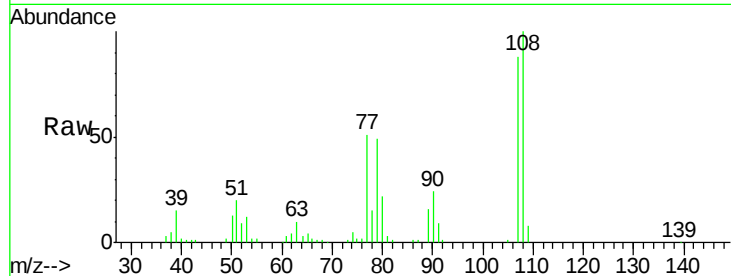




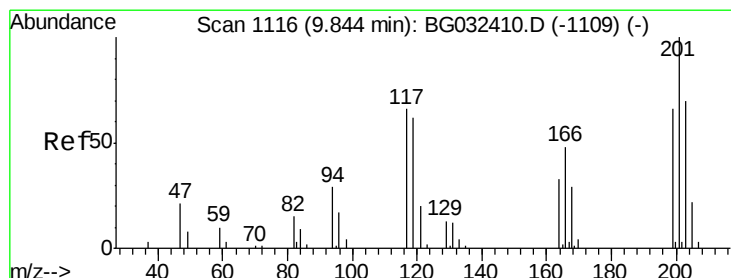
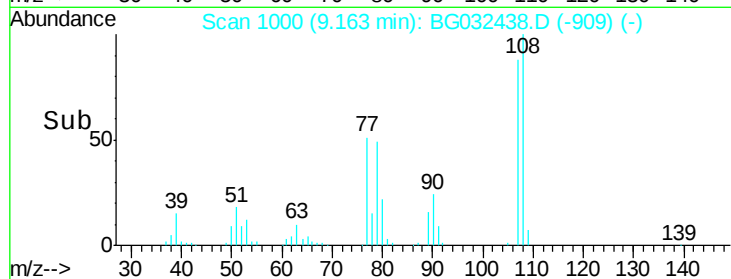
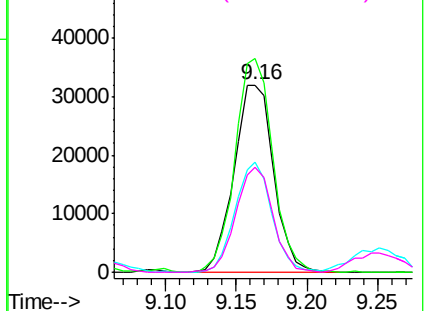
#17
2-Methylphenol
Concen: 48.135 ng
RT: 9.16 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 62714
Ion Ratio Lower Upper
107 100
108 113.9 83.9 125.9
77 58.6 37.2 55.8#
79 56.1 36.2 54.2#

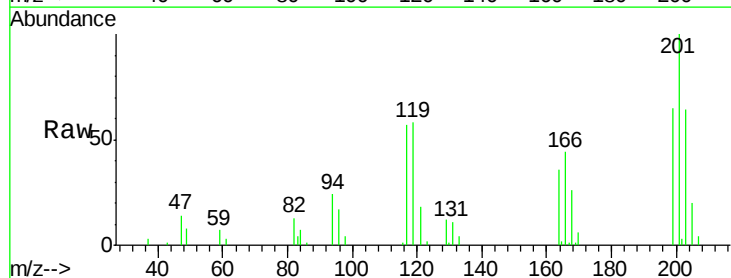


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

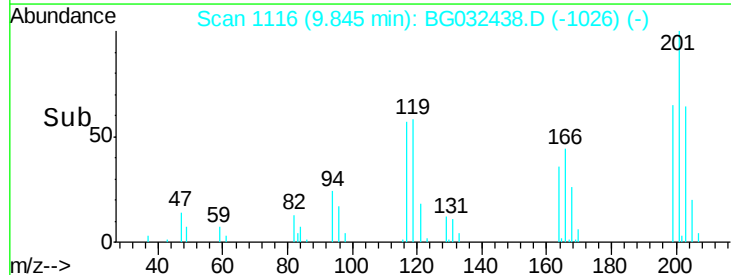
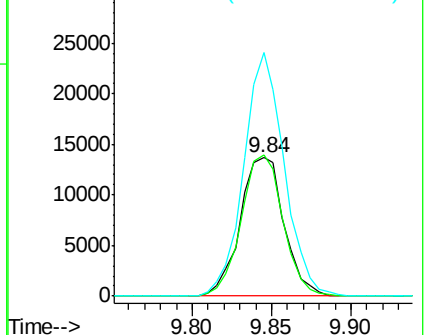


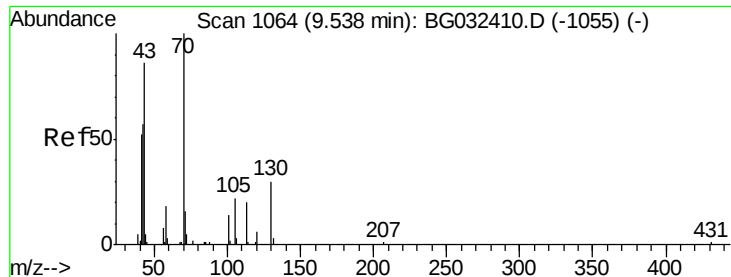
#18
Hexachloroethane
Concen: 38.631 ng
RT: 9.84 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion:117 Resp: 26307
Ion Ratio Lower Upper
117 100
119 102.1 76.7 115.1
201 176.1 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

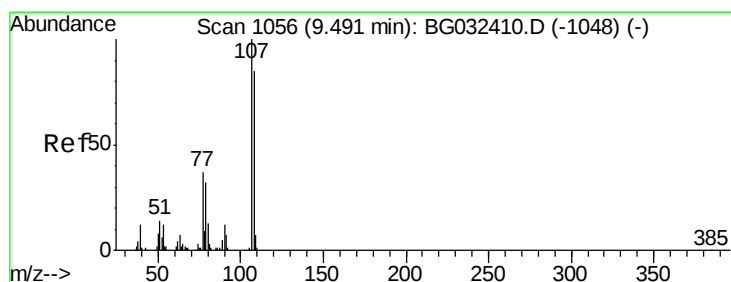
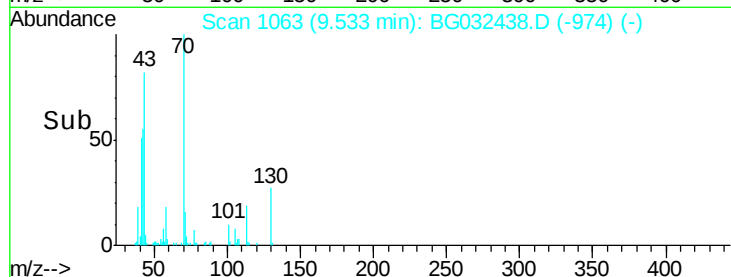
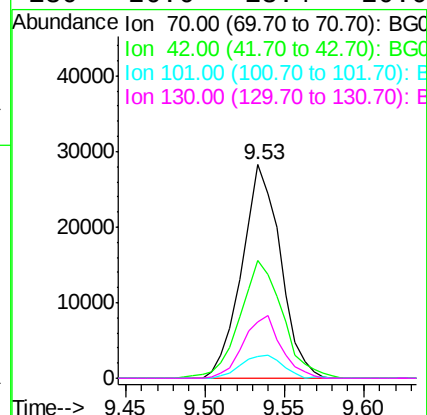
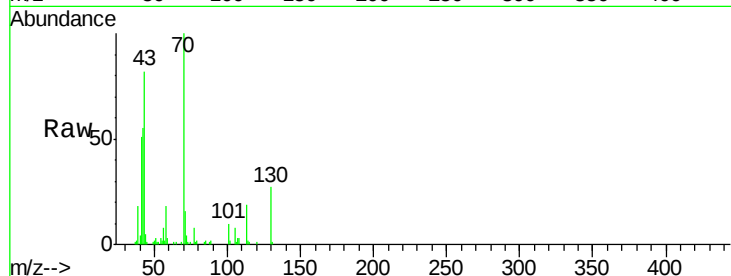




#19
n-Nitroso-di-n-propylamine
Concen: 42.812 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

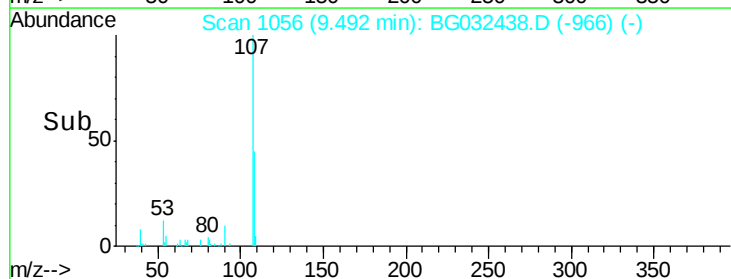
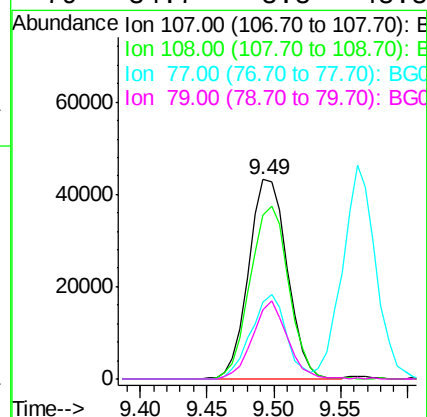
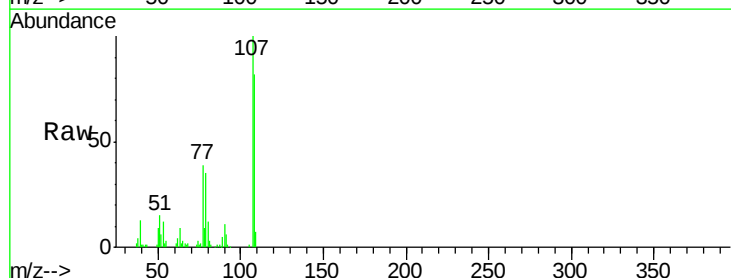
Instrument :
BNA_G
ClientSampleId :

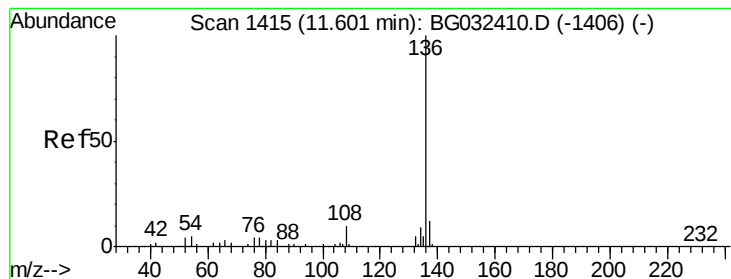
Tot Ion: 70 Resp: 47951
Ion Ratio Lower Upper
70 100
42 54.9 49.1 73.7
101 10.4 8.5 12.7
130 26.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 47.457 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion: 107 Resp: 86730
Ion Ratio Lower Upper
107 100
108 82.3 61.6 101.6
77 38.8 13.9 53.9
79 34.7 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 115768

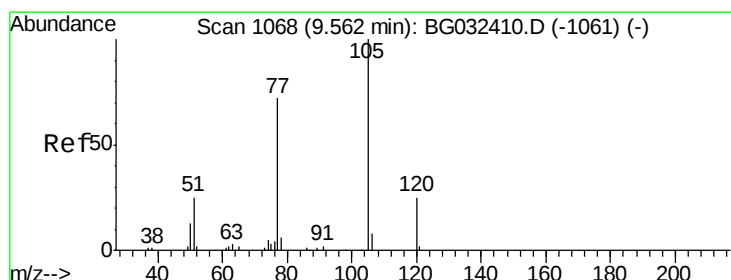
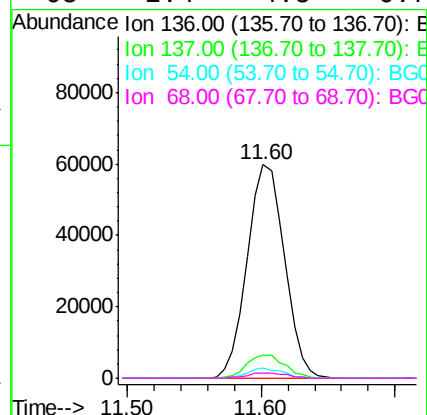
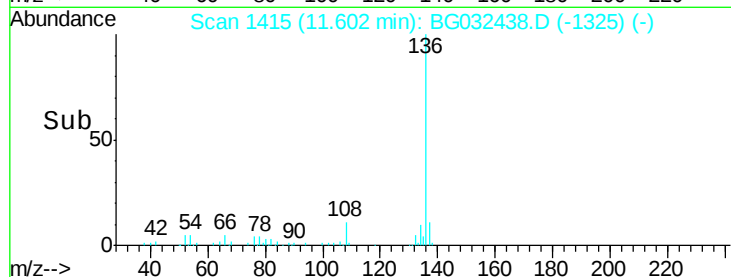
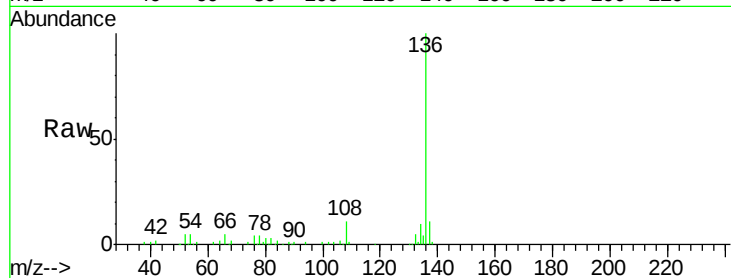
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 5.0 10.3 15.5#

68 2.4 4.5 6.7#



#22

Acetophenone

Concen: 39.674 ng

RT: 9.56 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Tgt Ion:105 Resp: 107665

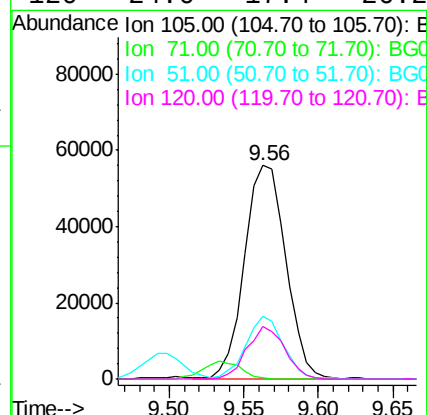
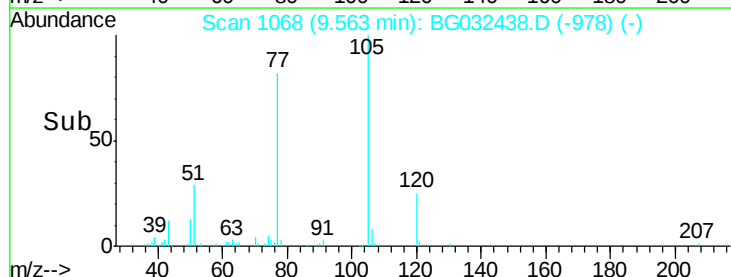
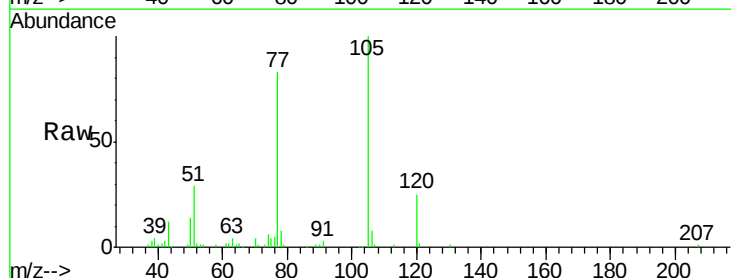
Ion Ratio Lower Upper

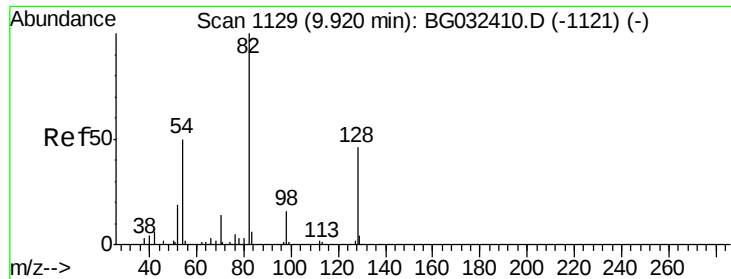
105 100

71 0.8 3.0 4.4#

51 29.4 26.1 39.1

120 24.6 17.4 26.2

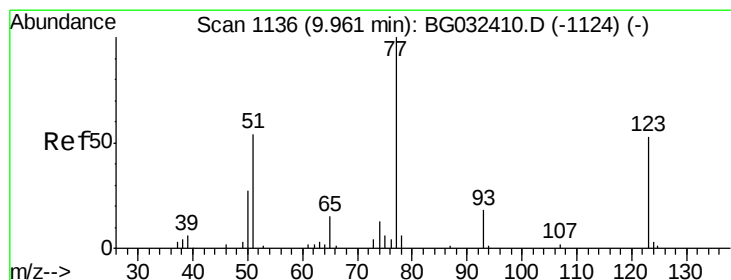
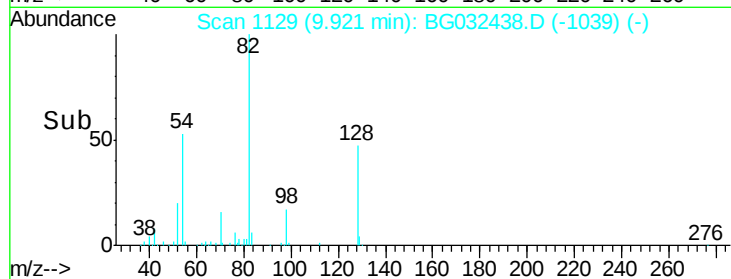
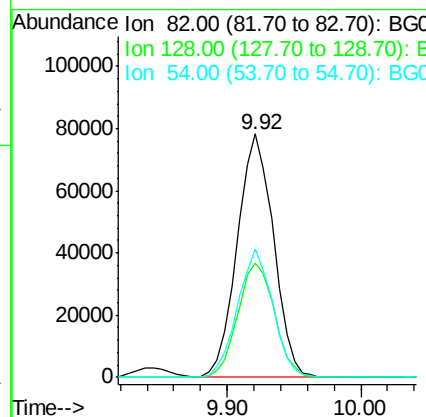
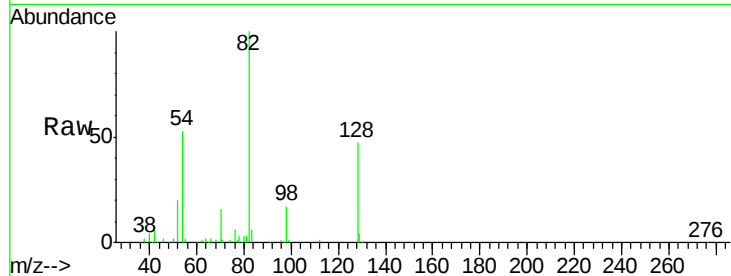




#23
 Nitrobenzene-d5
 Concen: 79.591 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

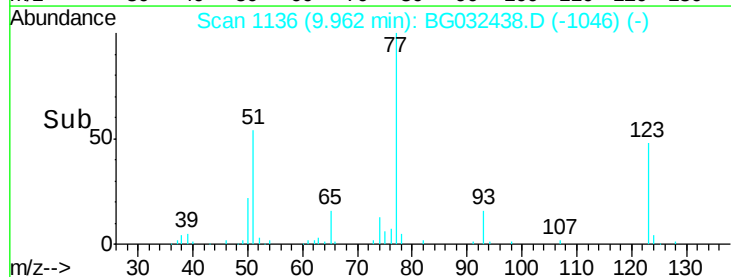
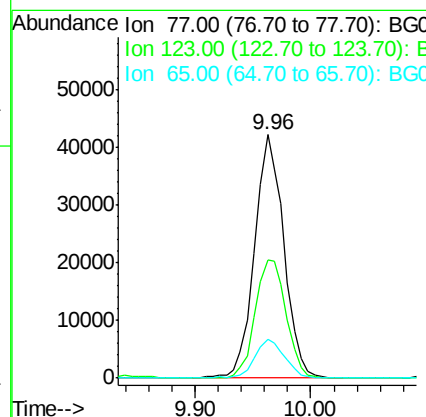
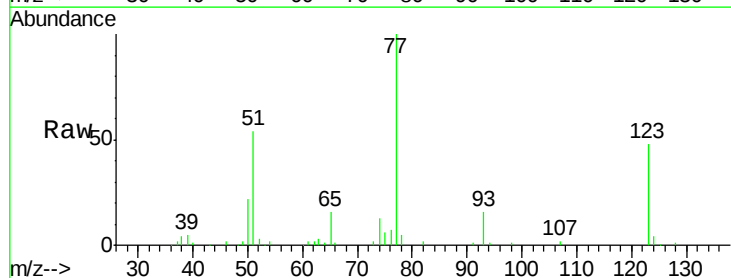
Instrument :
 BNA_G
 ClientSampleId :

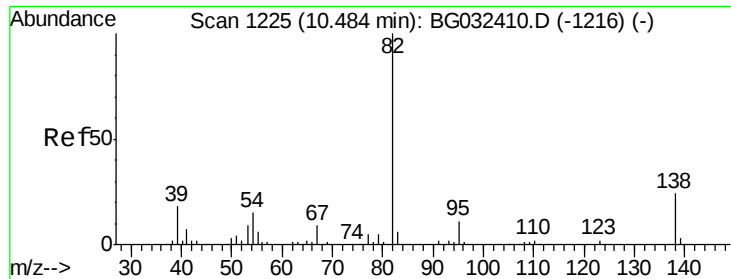
Tot Ion: 82 Resp: 147519
 Ion Ratio Lower Upper
 82 100
 128 47.0 29.7 44.5#
 54 52.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 41.576 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion: 77 Resp: 74514
 Ion Ratio Lower Upper
 77 100
 123 48.3 33.0 49.6
 65 16.2 13.0 19.6





#25

Isophorone

Concen: 44.641 ng

RT: 10.49 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

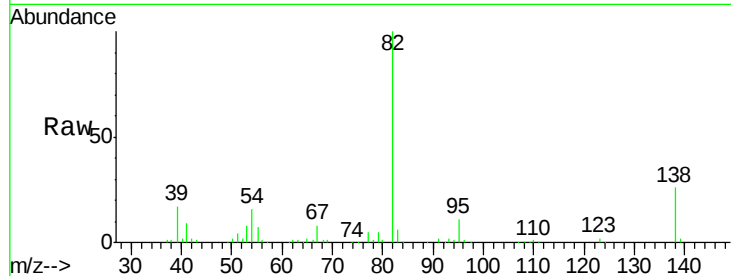
Tot Ion: 82 Resp: 140885

Ion Ratio Lower Upper

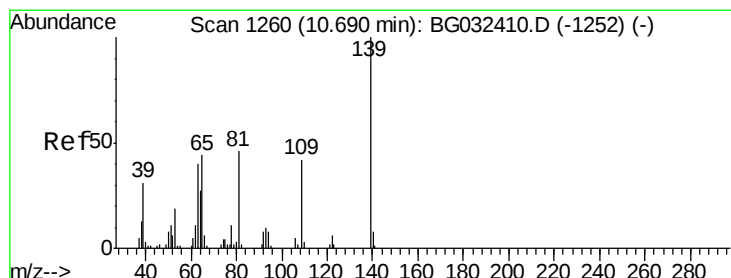
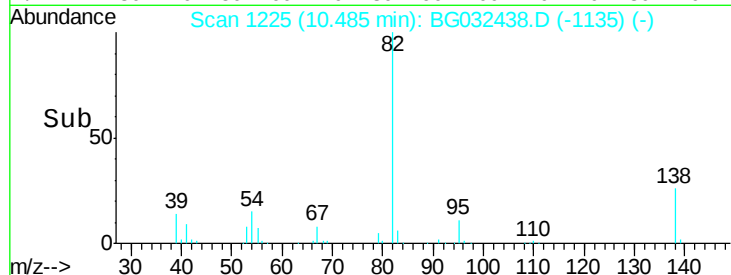
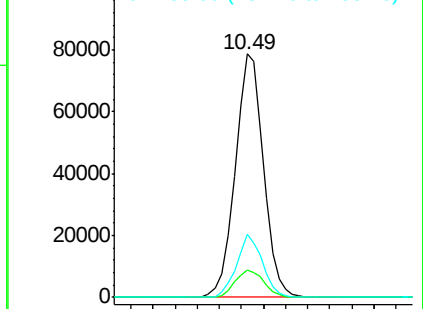
82 100

95 11.1 6.2 9.2#

138 25.8 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: 45.193 ng

RT: 10.69 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

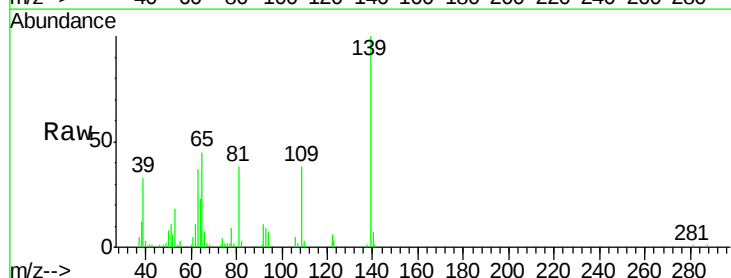
Tgt Ion: 139 Resp: 48963

Ion Ratio Lower Upper

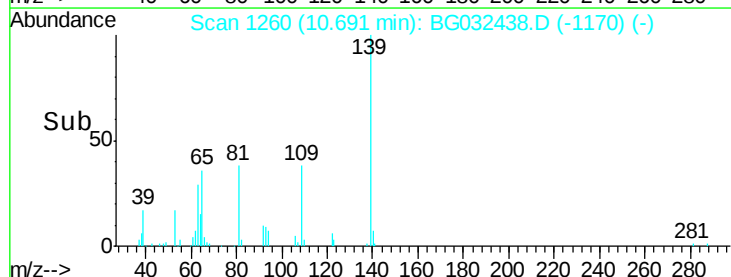
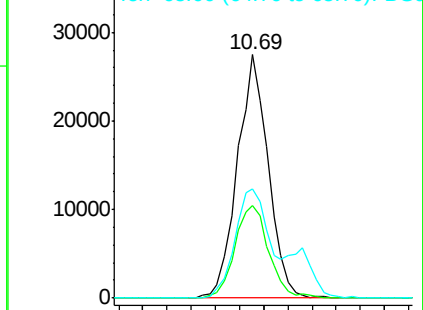
139 100

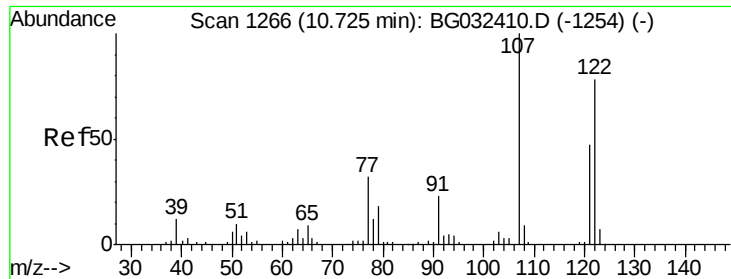
109 38.1 24.2 36.2#

65 45.0 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

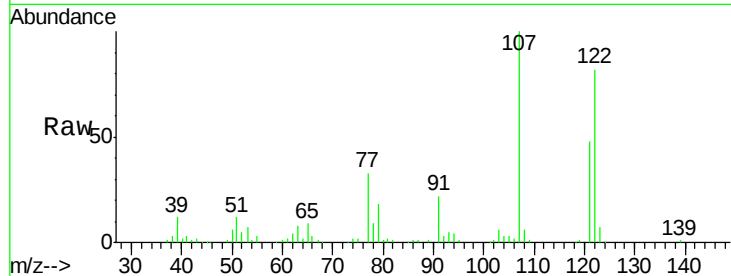




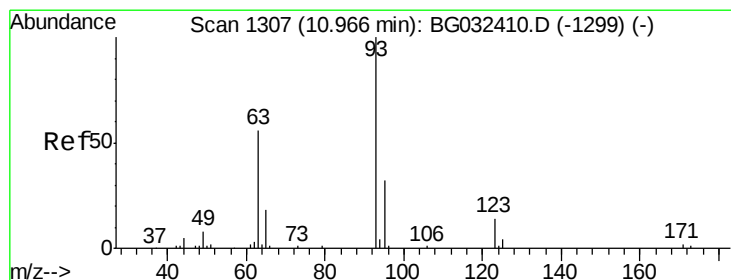
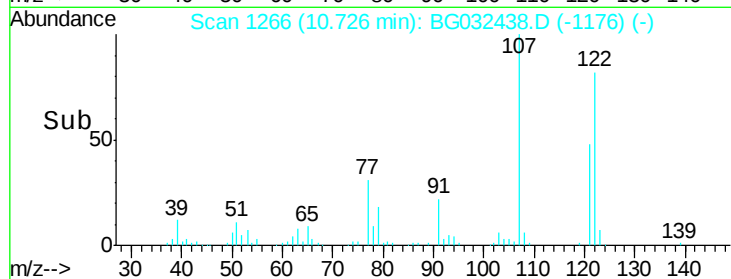
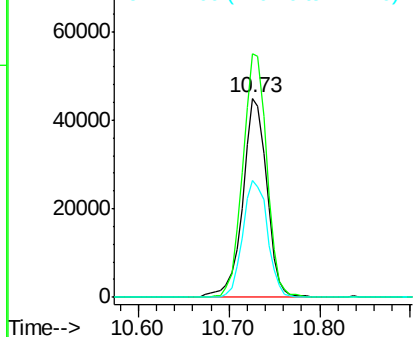
#27
 2,4-Dimethylphenol
 Concen: 53.450 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 83117
 Ion Ratio Lower Upper
 122 100
 107 122.2 100.2 150.2
 121 58.5 44.4 66.6

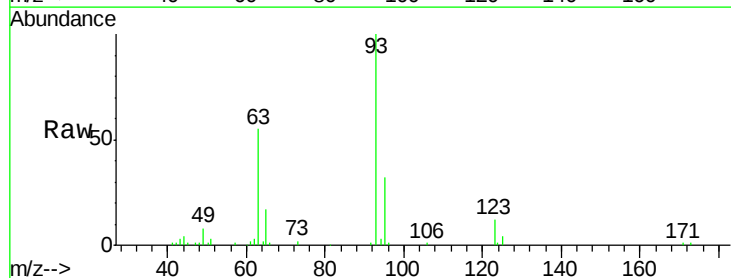


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

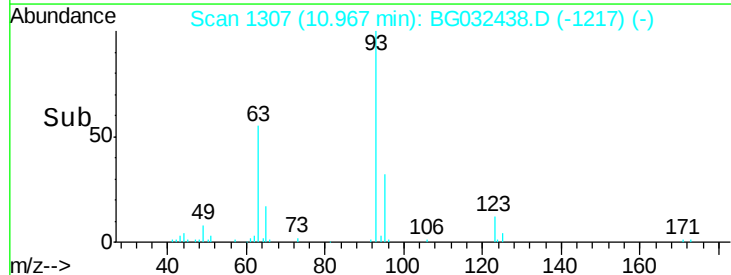
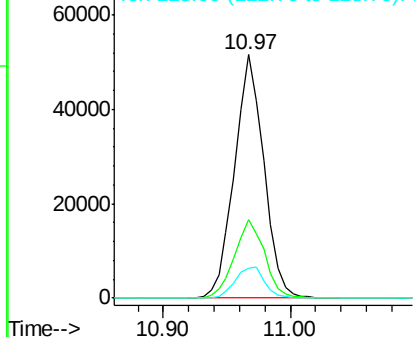


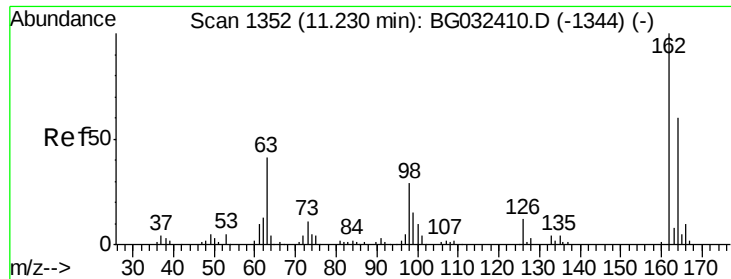
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.754 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion: 93 Resp: 82643
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.3 36.5
 123 12.3 8.4 12.6



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

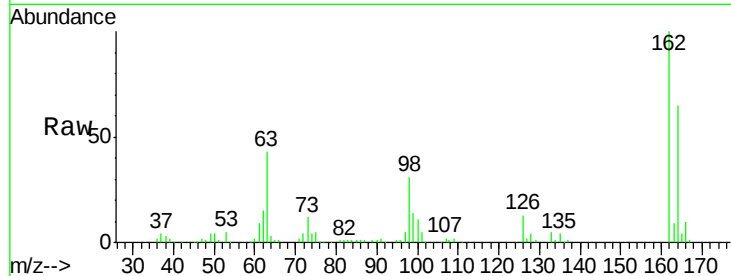




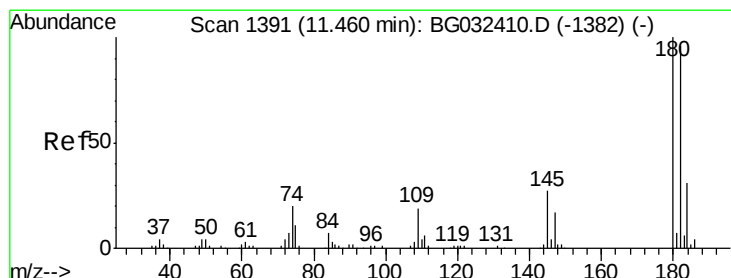
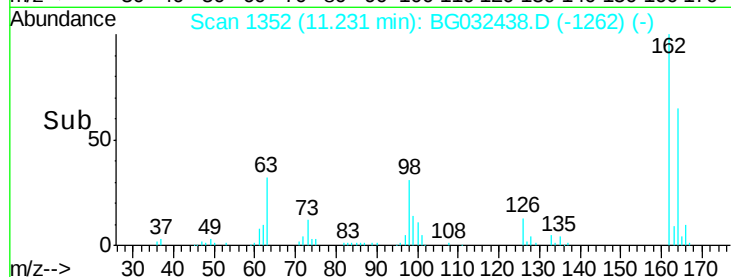
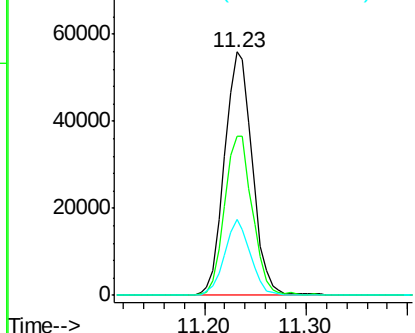
#29
 2,4-Dichlorophenol
 Concen: 51.483 ng
 RT: 11.23 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.0	88.0
98	31.4	21.1	61.1

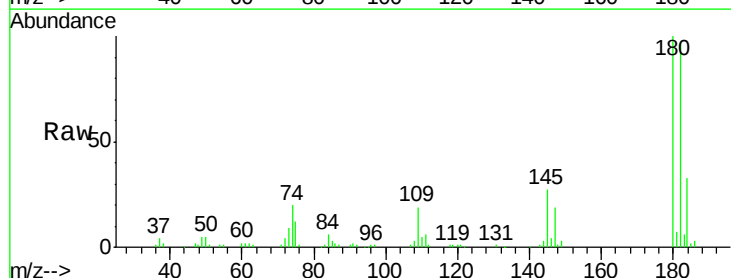


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

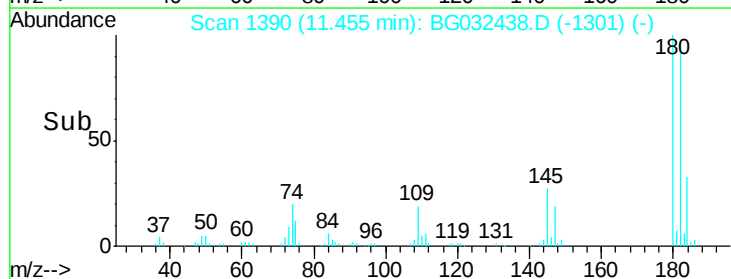
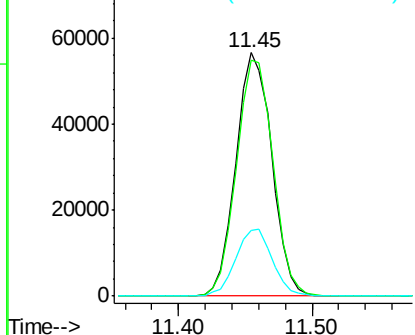


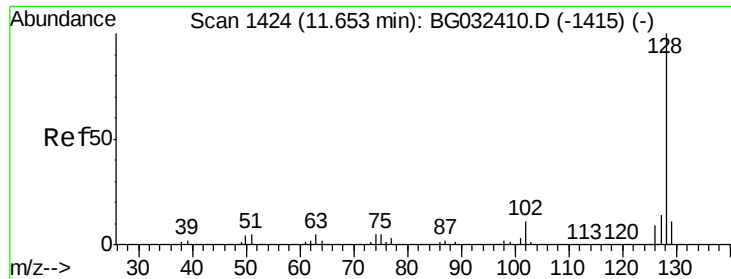
#30
 1,2,4-Trichlorobenzene
 Concen: 38.415 ng
 RT: 11.45 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.5	116.3
145	26.9	23.4	35.2



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

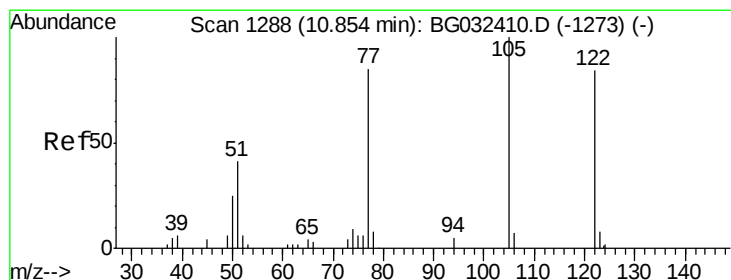
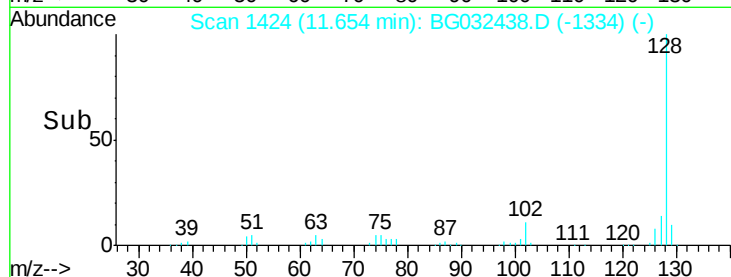
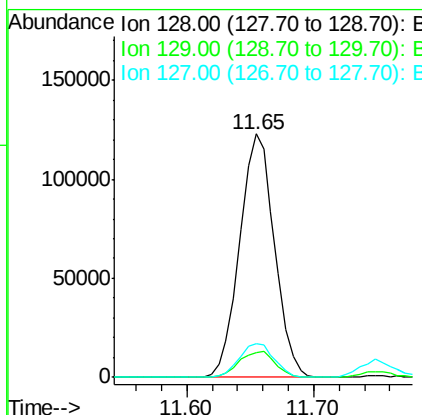
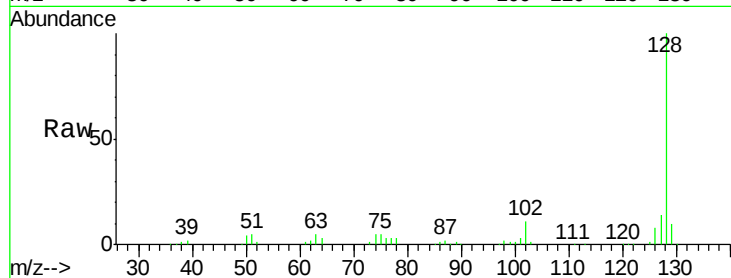




#31
Naphthalene
Concen: 41.199 ng
RT: 11.65 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

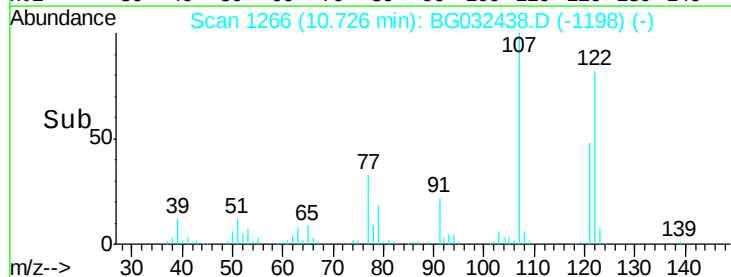
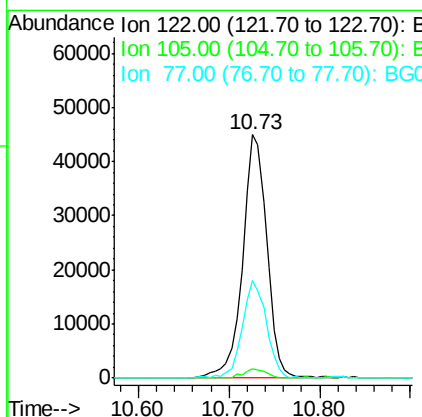
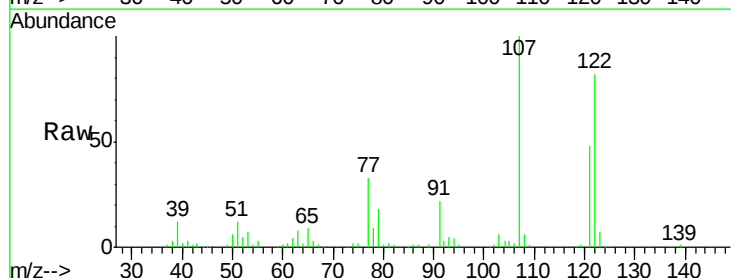
Instrument :
BNA_G
ClientSampleId :

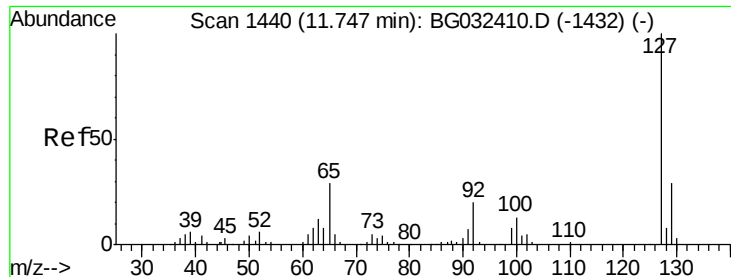
Tot Ion:128 Resp: 232949
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 68.061 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.13 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion:122 Resp: 83117
Ion Ratio Lower Upper
122 100
105 3.9 123.5 163.5#
77 40.0 85.7 125.7#

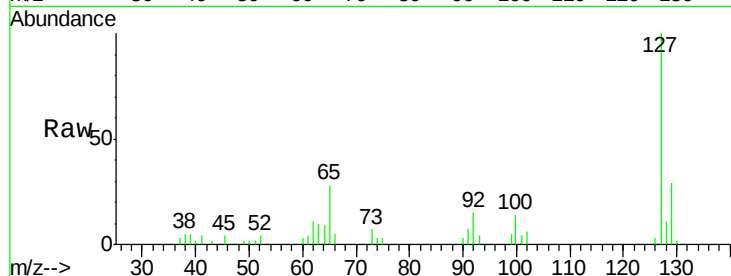




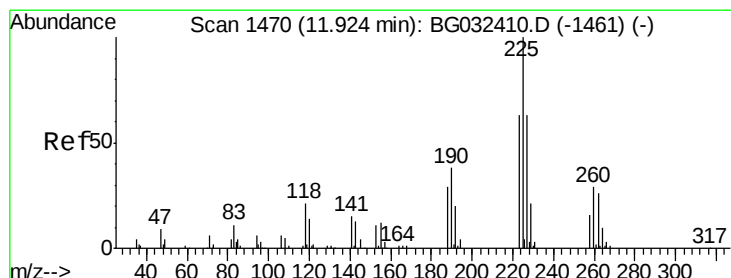
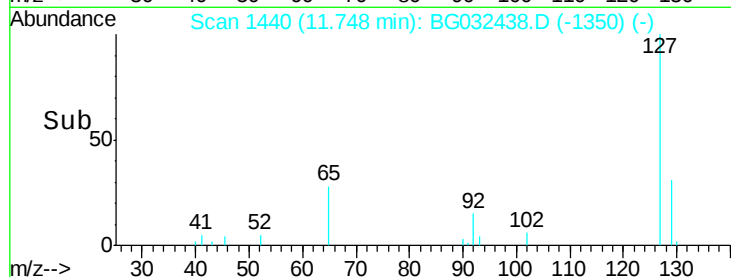
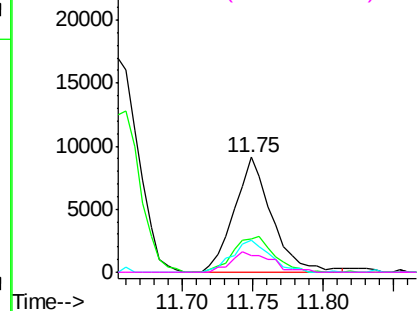
#33
 4-Chloroaniline
 Concen: 6.727 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	16965
Ion	Ratio	Lower	Upper
127	100		
129	29.0	24.0	36.0
65	28.4	27.0	40.4
92	14.7	16.6	25.0

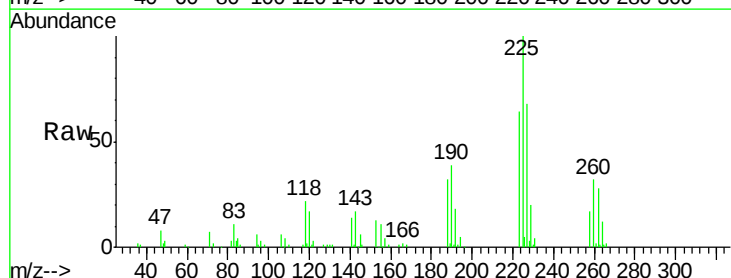


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

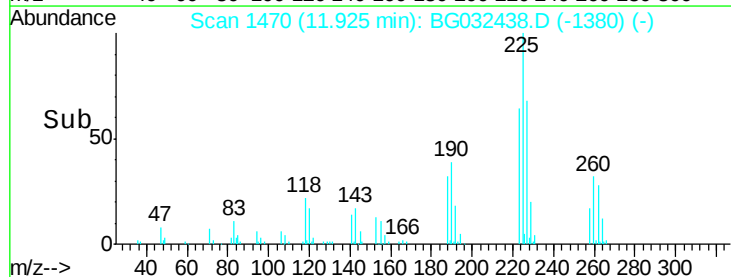
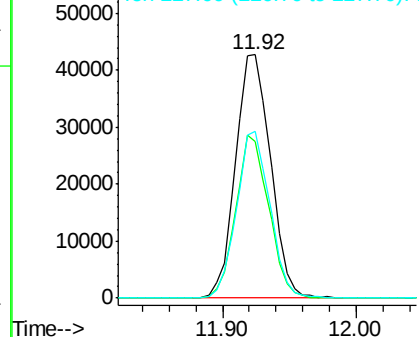


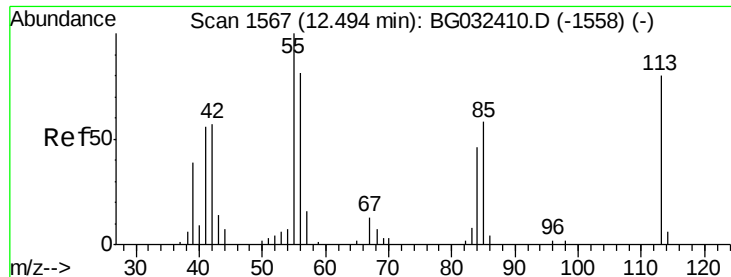
#34
 Hexachlorobutadiene
 Concen: 36.400 ng
 RT: 11.92 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion:	225	Resp:	77756
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.7	74.5
227	68.5	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: 50.342 ng

RT: 12.49 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

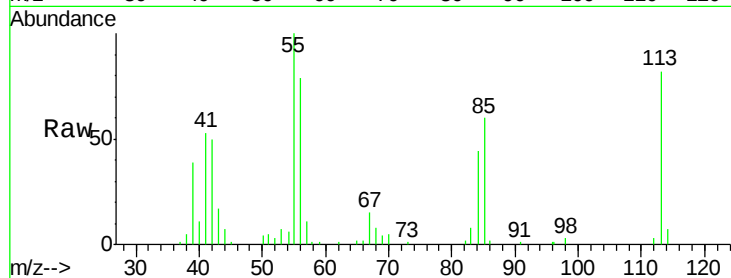
Tot Ion:113 Resp: 29771

Ion Ratio Lower Upper

113 100

55 121.8 186.9 226.9#

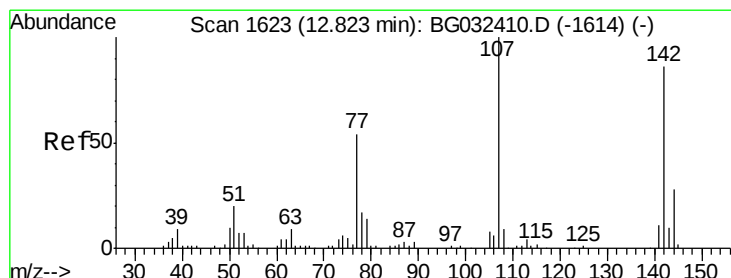
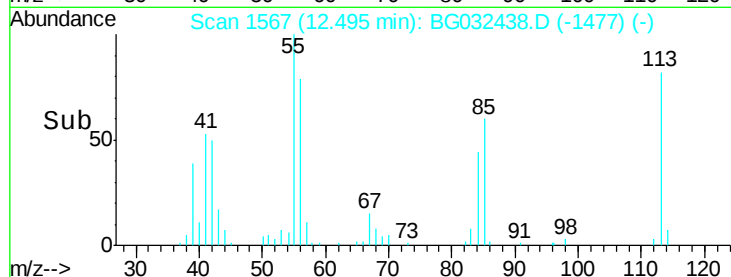
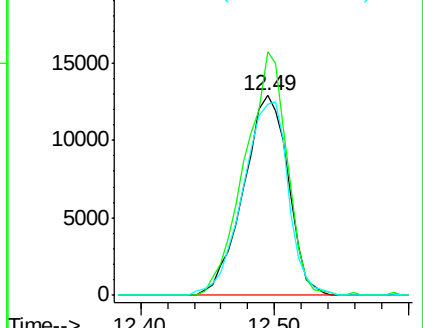
56 95.7 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.196 ng

RT: 12.83 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

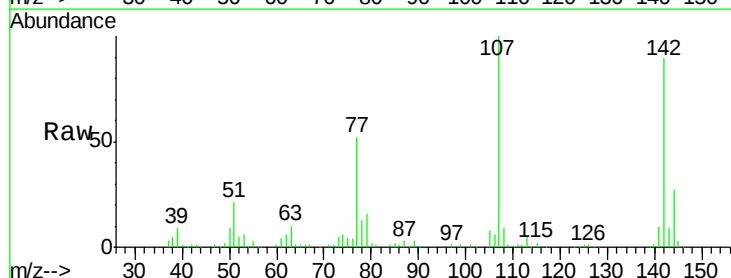
Tgt Ion:107 Resp: 98084

Ion Ratio Lower Upper

107 100

144 27.1 18.2 27.4

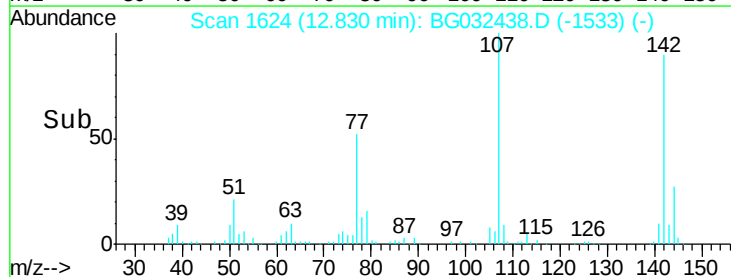
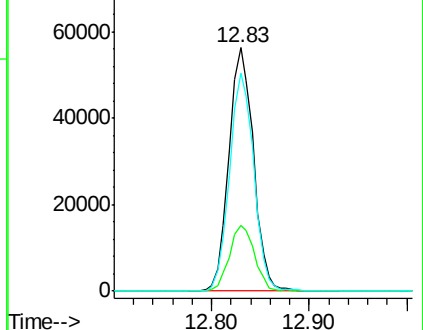
142 89.8 59.0 88.4#

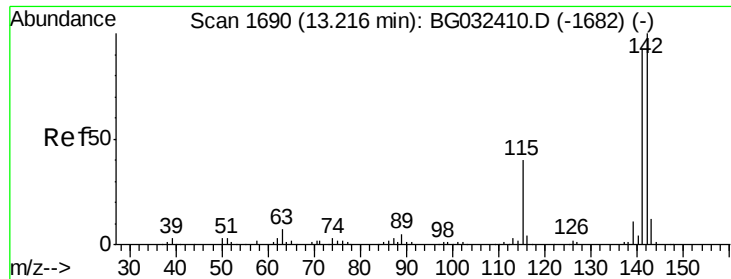


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

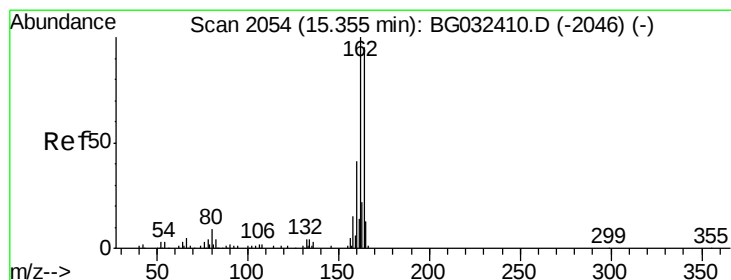
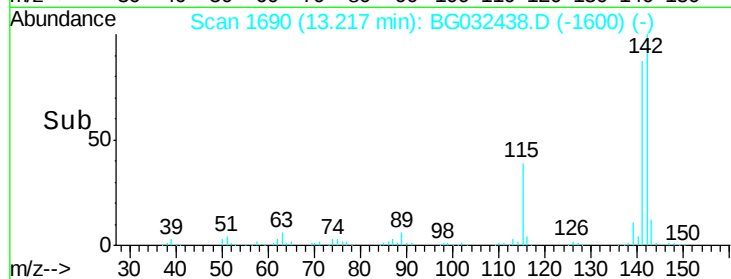
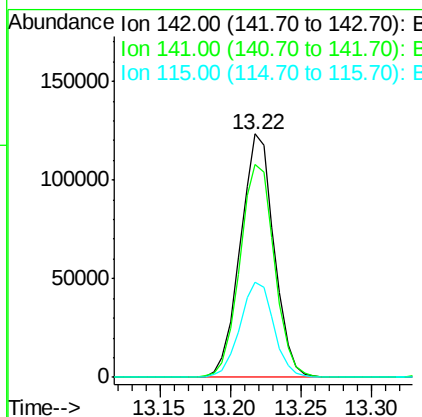
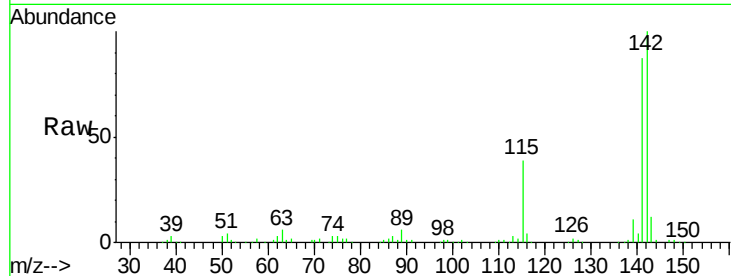




#37
 2-Methylnaphthalene
 Concen: 43.326 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

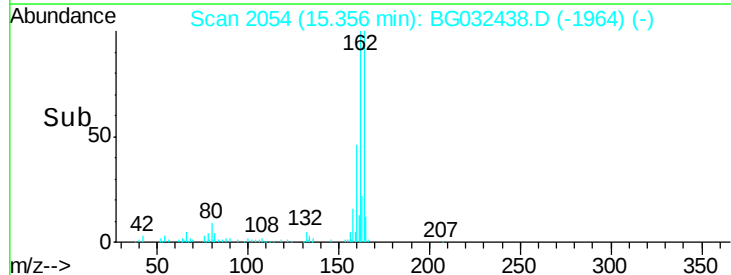
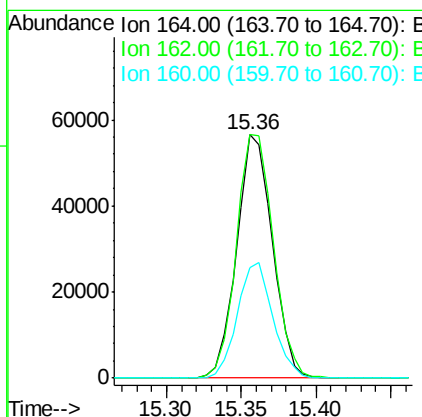
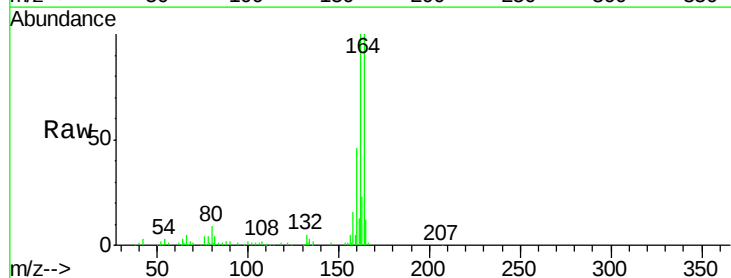
Instrument :
 BNA_G
 ClientSampleId :

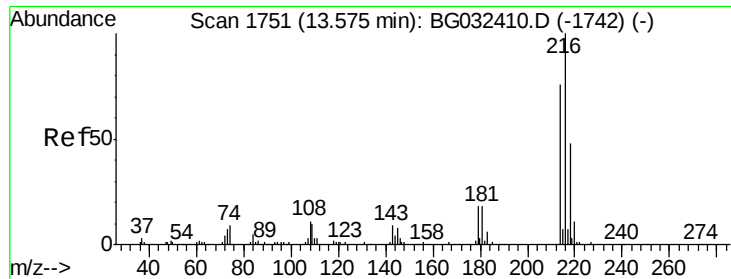
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	67.1	100.7
115	38.9	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.8	118.2
160	45.6	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.592 ng

RT: 13.58 min Scan# 1751

Delta R.T. 0.00 min

Lab File: BG032438.D

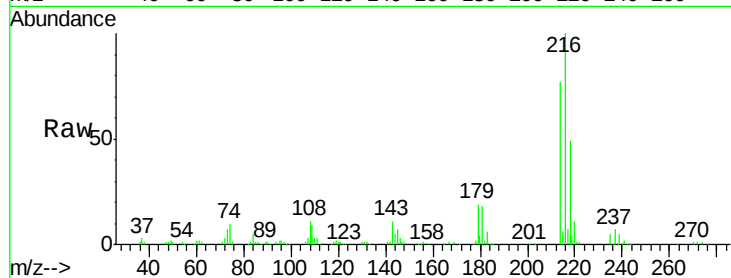
Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216	Resp:	164603
Ion Ratio	Lower	Upper
216	100	
214	75.8	63.0 94.4
179	18.5	17.0 25.6
108	12.7	12.8 19.2#

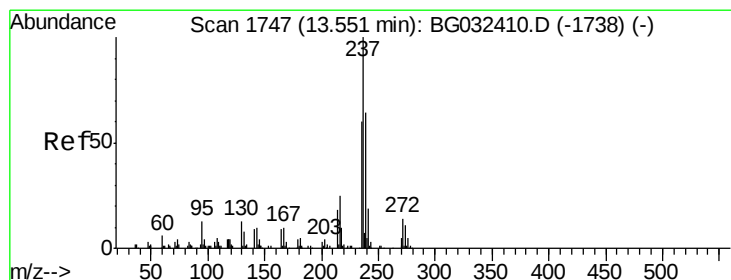
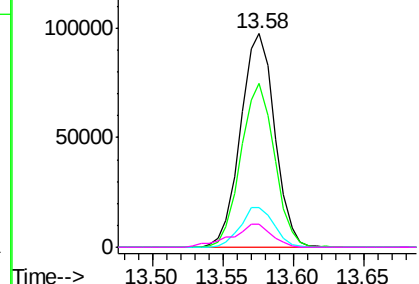
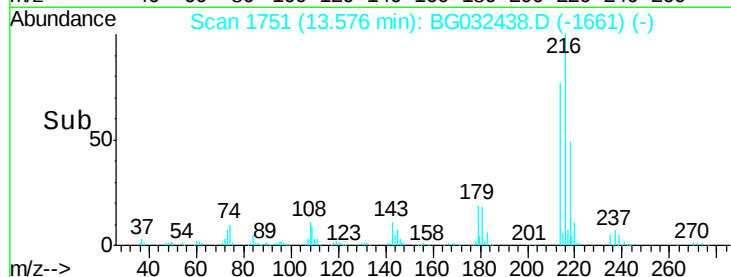


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.787 ng

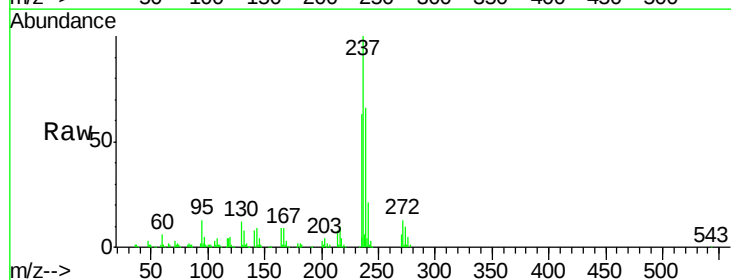
RT: 13.55 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

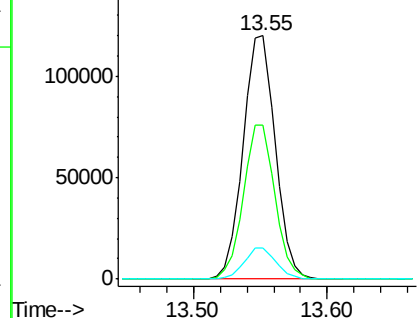
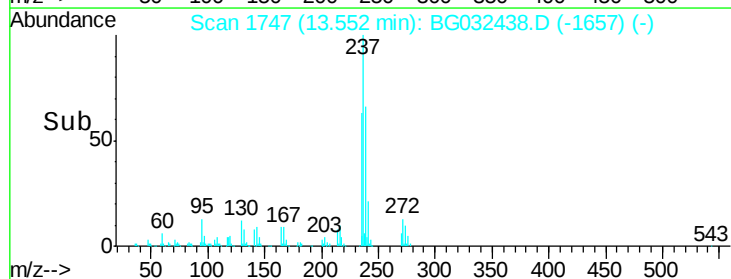
Tgt Ion:237	Resp:	199133
Ion Ratio	Lower	Upper
237	100	
235	63.2	50.4 90.4
272	12.7	0.0 31.8

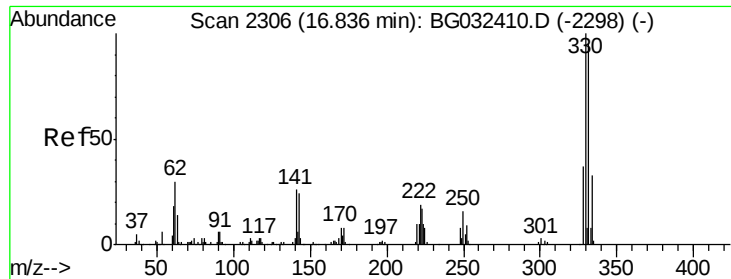


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

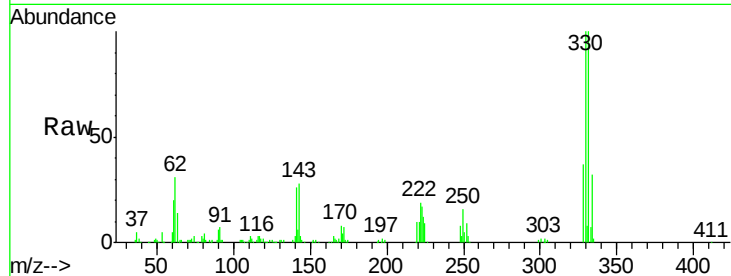




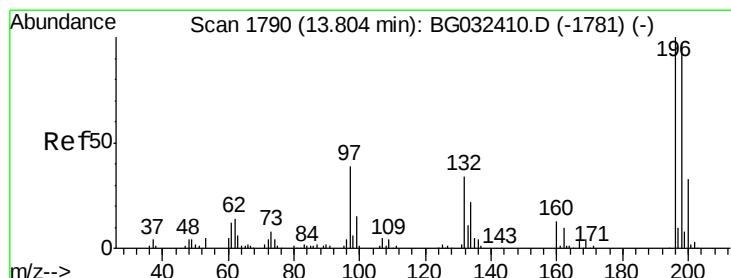
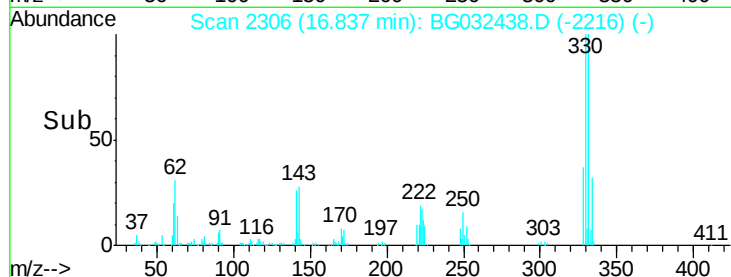
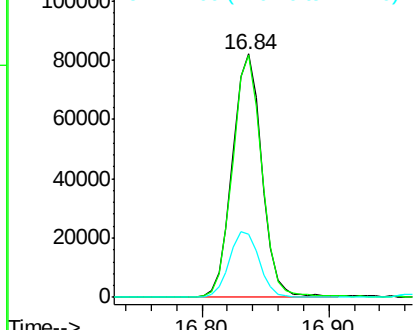
#41
 2,4,6-Tribromophenol
 Concen: 73.850 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 131572
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 27.7 25.2 37.8

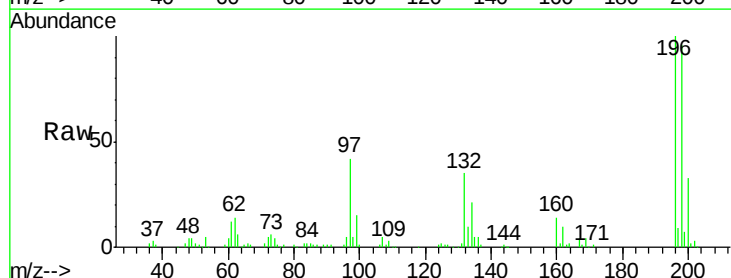


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

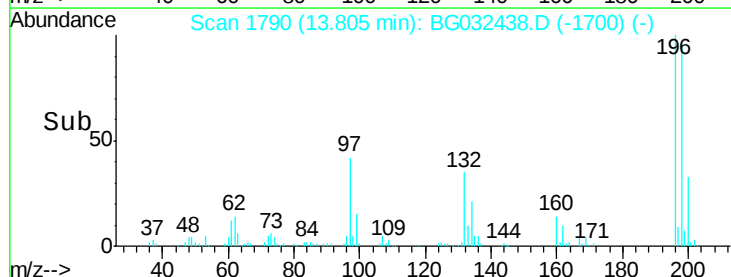
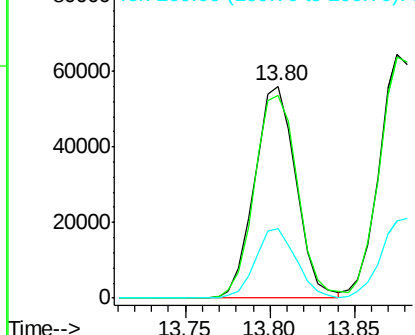


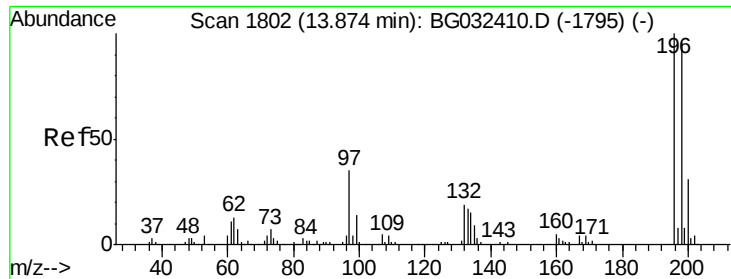
#42
 2,4,6-Trichlorophenol
 Concen: 40.130 ng
 RT: 13.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion:196 Resp: 95580
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.2 117.2
 200 32.9 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

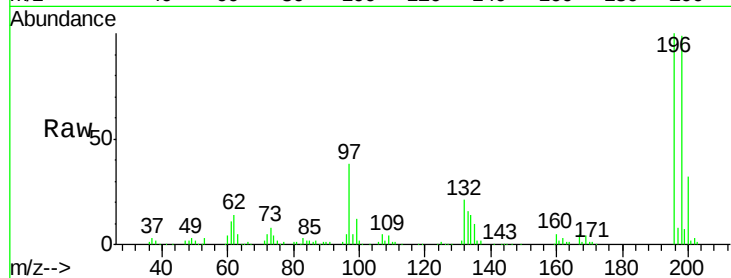




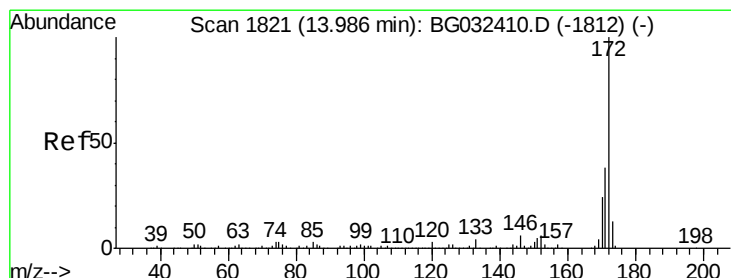
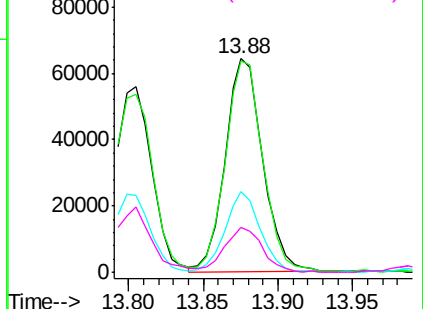
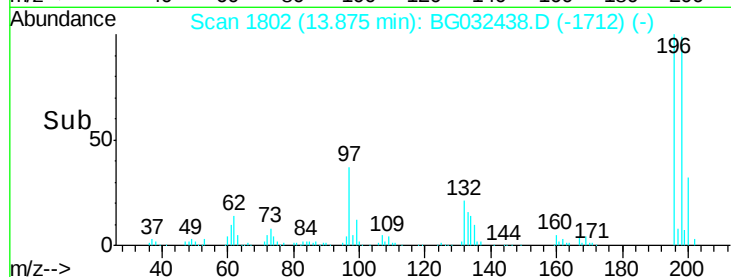
#43
 2,4,5-Trichlorophenol
 Concen: 40.647 ng
 RT: 13.88 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	76.2	114.4
97	37.6	38.7	58.1
132	21.1	20.2	30.2

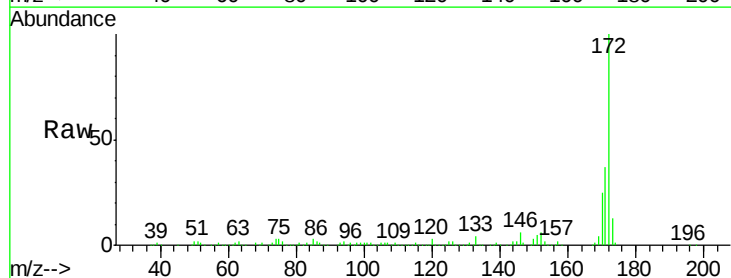


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

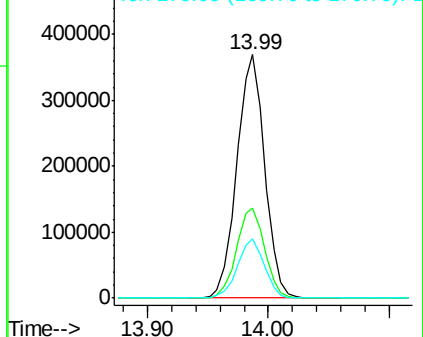
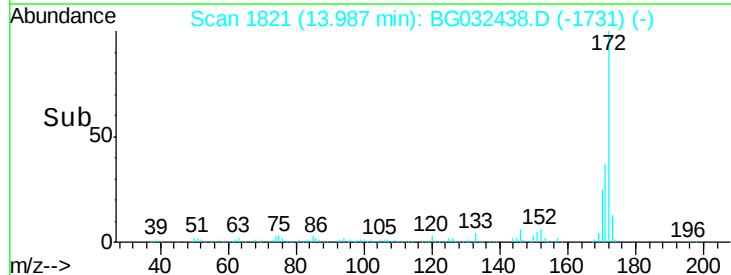


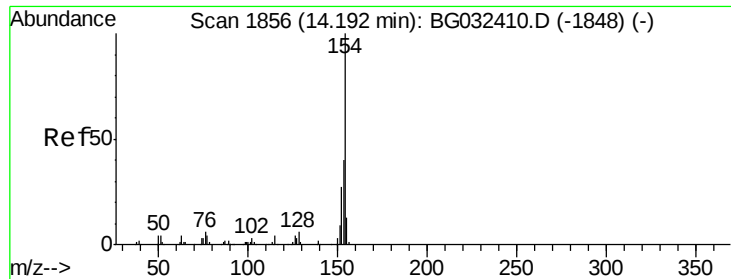
#44
 2-Fluorobiphenyl
 Concen: 75.254 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	24.5	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

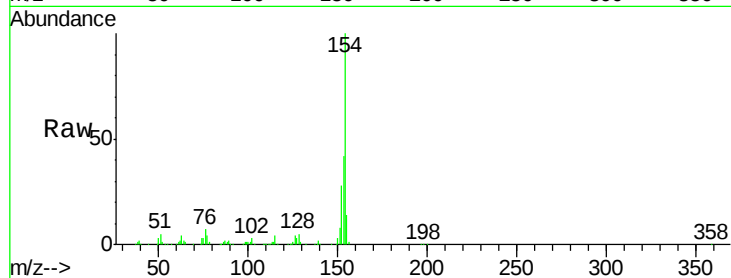




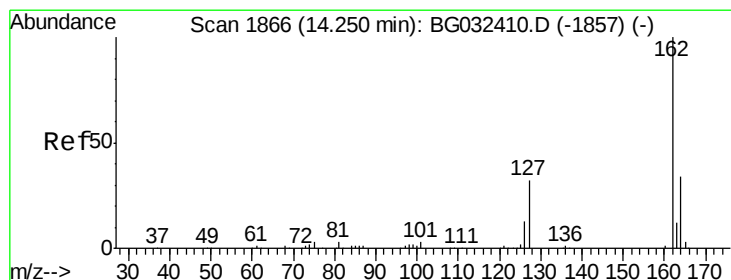
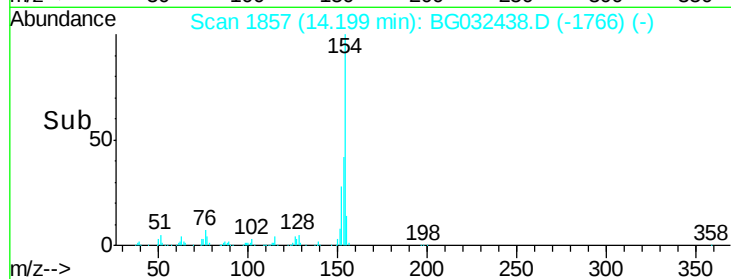
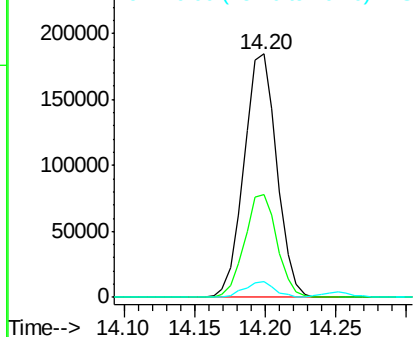
#45
 1,1'-Biphenyl
 Concen: 37.966 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154	Resp:	300216
Ion Ratio	Lower	Upper
154	100	
153	42.4	19.8 59.8
76	6.6	0.0 31.9

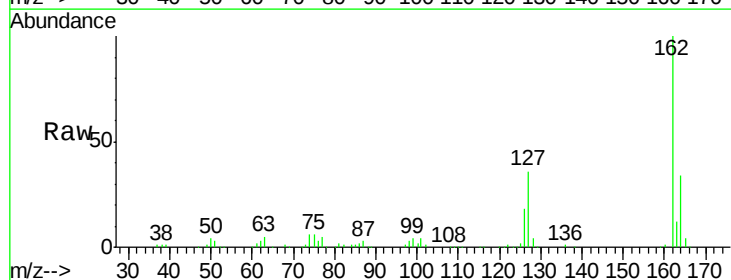


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

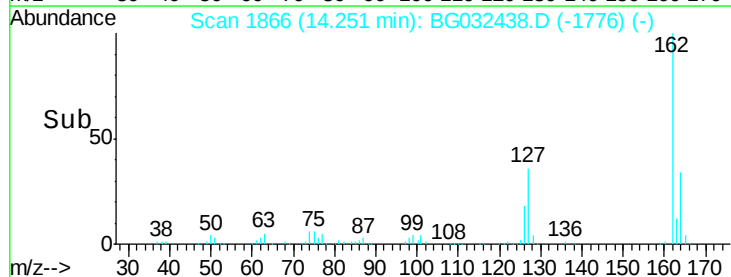
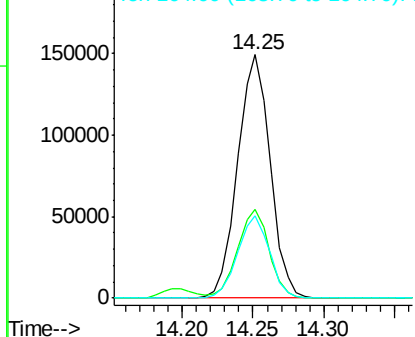


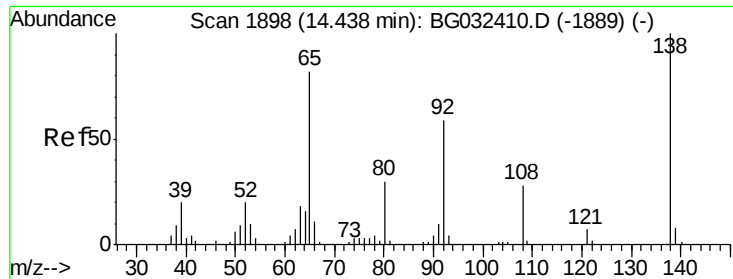
#46
 2-Chloronaphthalene
 Concen: 38.743 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion:162	Resp:	240120
Ion Ratio	Lower	Upper
162	100	
127	36.2	30.7 46.1
164	33.8	26.0 39.0



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

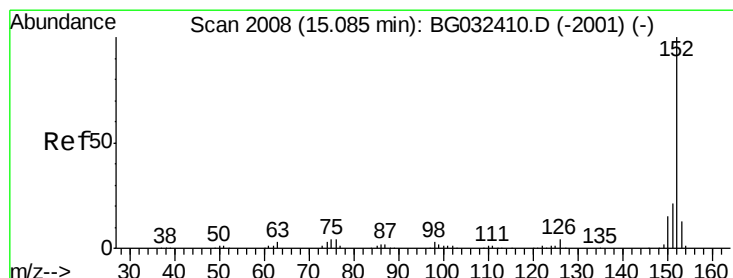
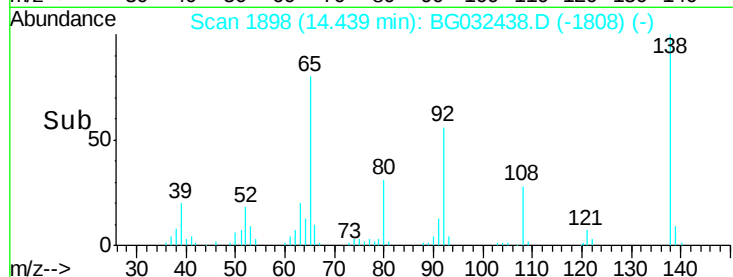
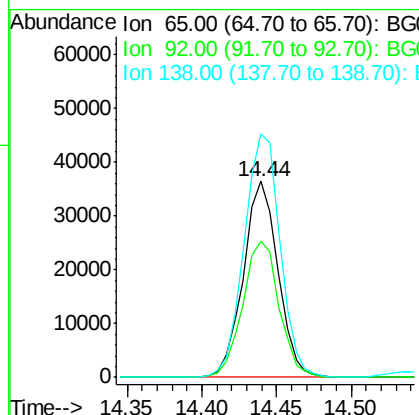
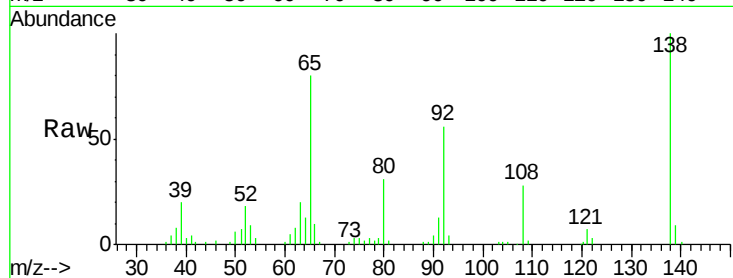




#47
2-Nitroaniline
Concen: 42.807 ng
RT: 14.44 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

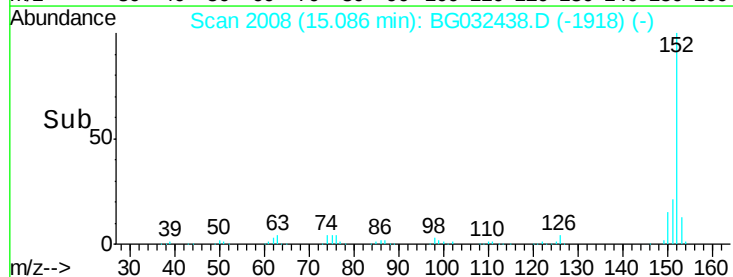
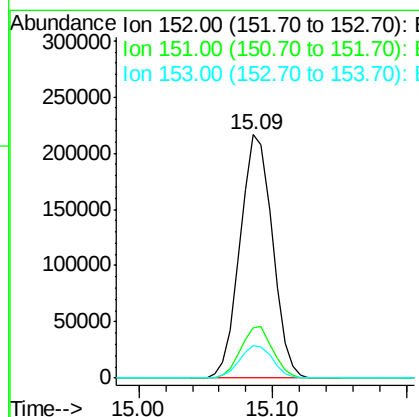
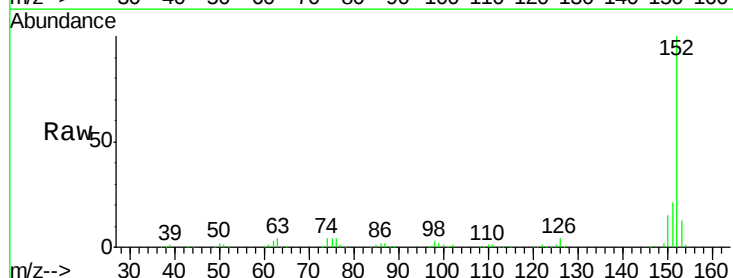
Instrument :
BNA_G
ClientSampleId :

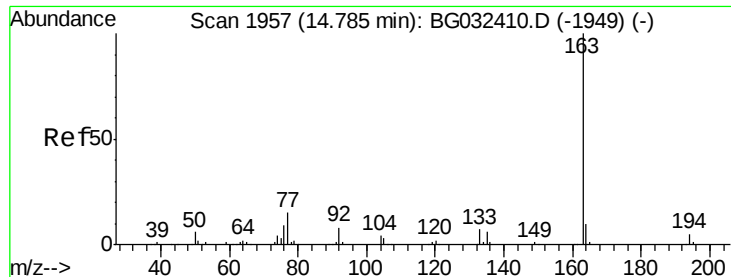
Tot Ion: 65 Resp: 58670
Ion Ratio Lower Upper
65 100
92 69.8 54.6 82.0
138 124.4 72.9 109.3#



#48
Acenaphthylene
Concen: 38.751 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion: 152 Resp: 363075
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 39.163 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

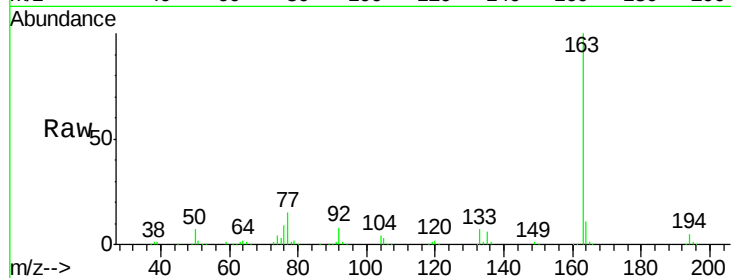
Tot Ion:163 Resp: 337980

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

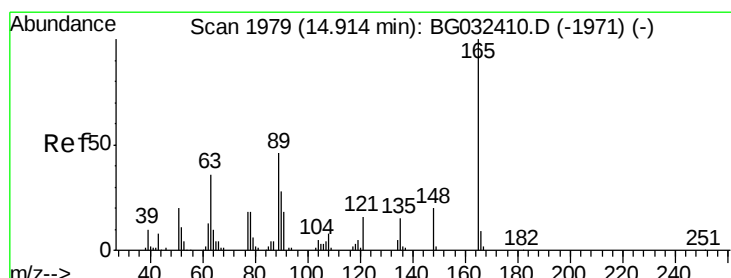
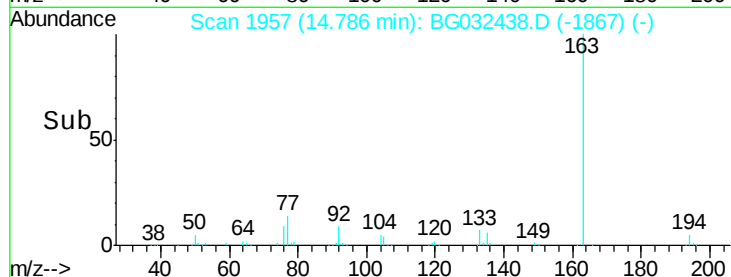
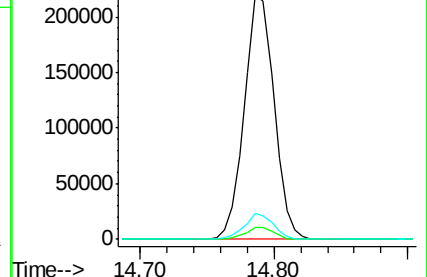
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.199 ng

RT: 14.92 min Scan# 1980

Delta R.T. 0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

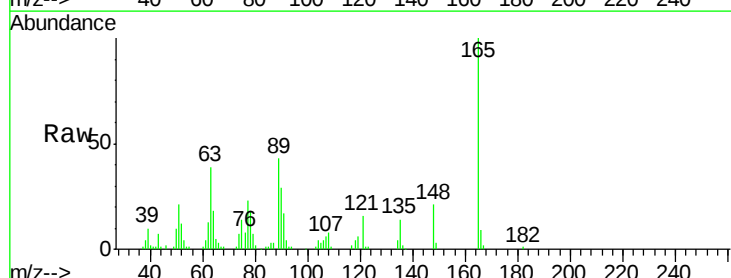
Tgt Ion:165 Resp: 74625

Ion Ratio Lower Upper

165 100

63 39.3 52.7 79.1#

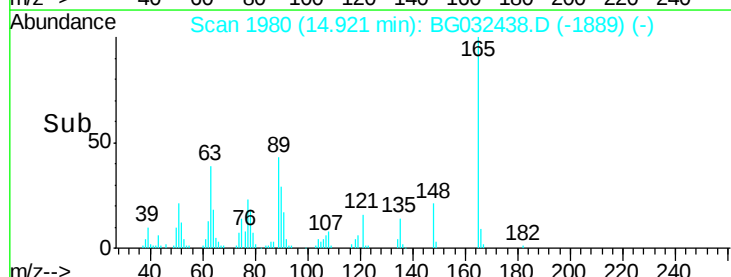
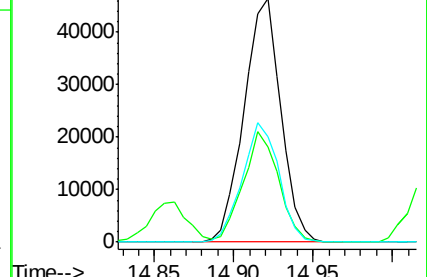
89 43.1 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.480 ng

RT: 15.43 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

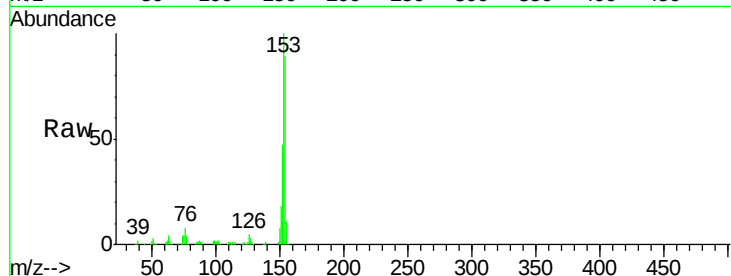
Tot Ion:154 Resp: 230549

Ion Ratio Lower Upper

154 100

153 111.7 90.4 135.6

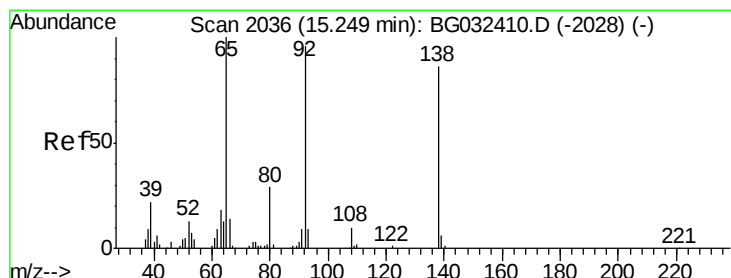
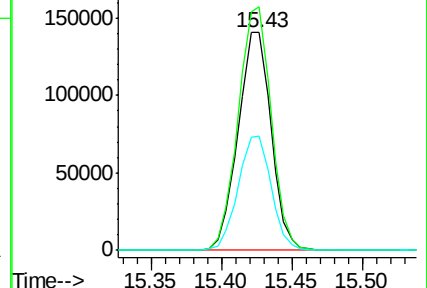
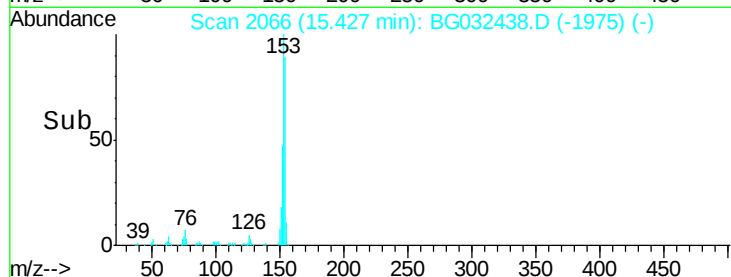
152 52.3 41.6 62.4



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: 16.387 ng

RT: 15.24 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

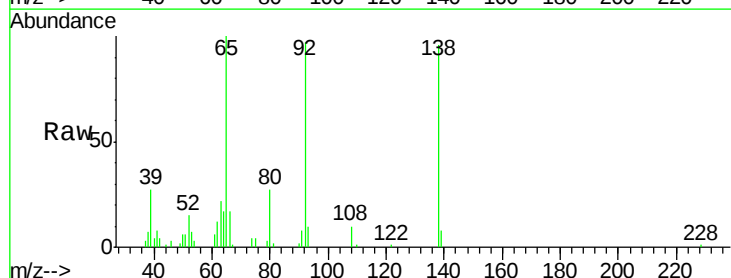
Tgt Ion:138 Resp: 25926

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

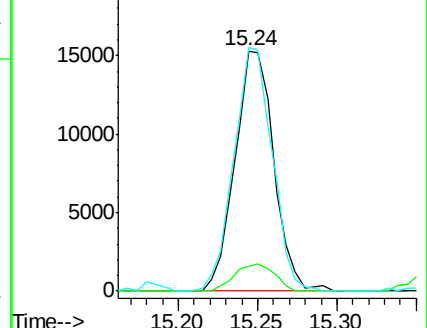
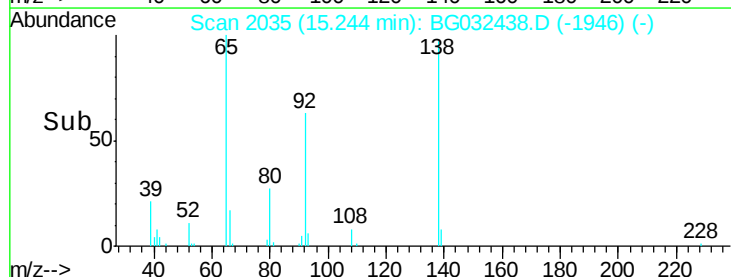
92 101.3 105.8 158.8#

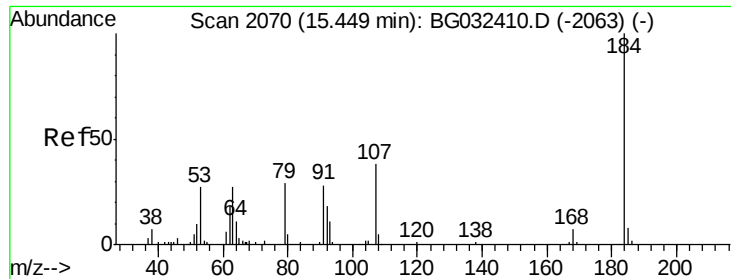


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

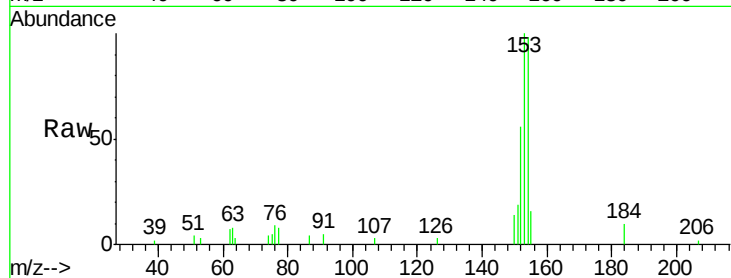




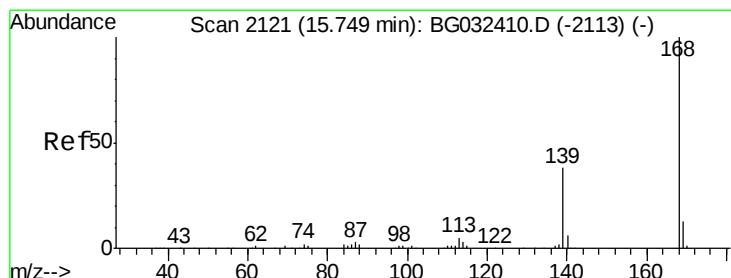
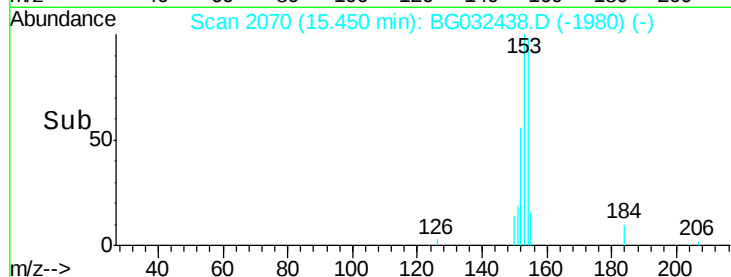
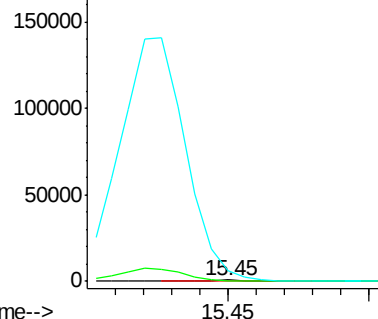
#53
 2,4-Dinitrophenol
 Concen: 4.855 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 895
 Ion Ratio Lower Upper
 184 100
 63 81.6 59.8 89.8
 154 1015.9 101.8 152.8#

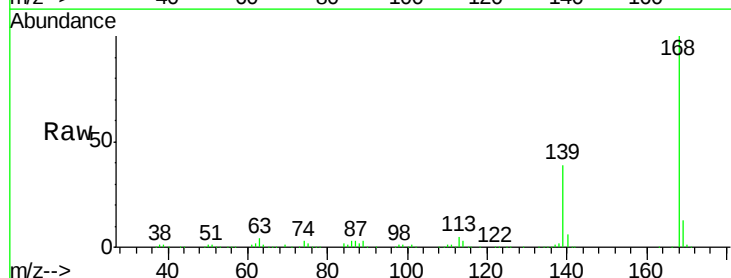


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

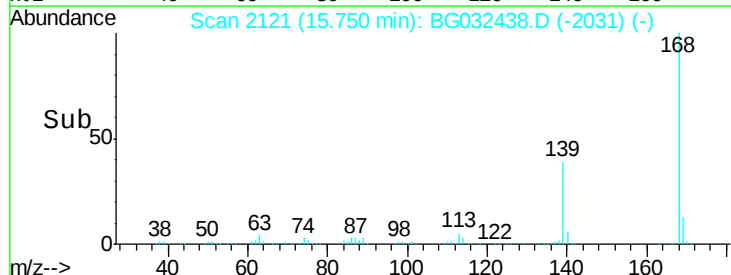
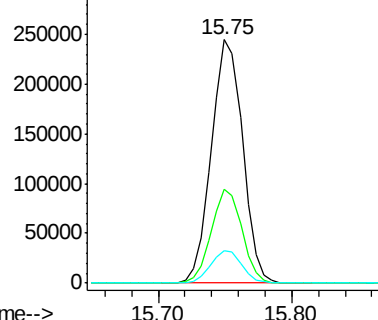


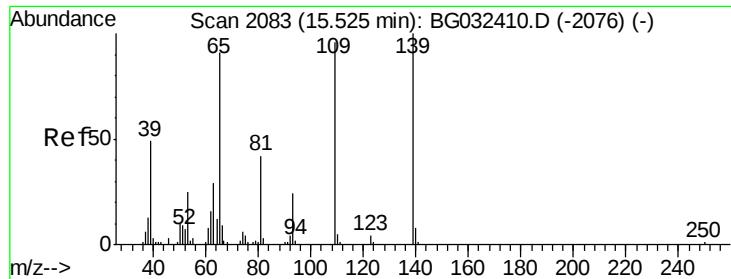
#54
 Dibenzofuran
 Concen: 41.073 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion:168 Resp: 395028
 Ion Ratio Lower Upper
 168 100
 139 38.5 28.6 43.0
 169 13.3 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

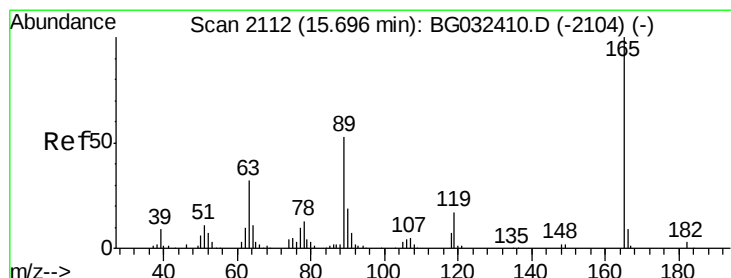
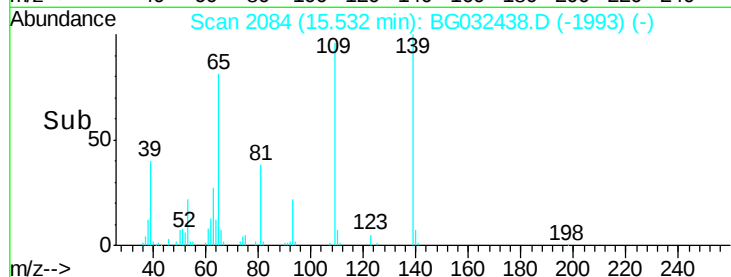
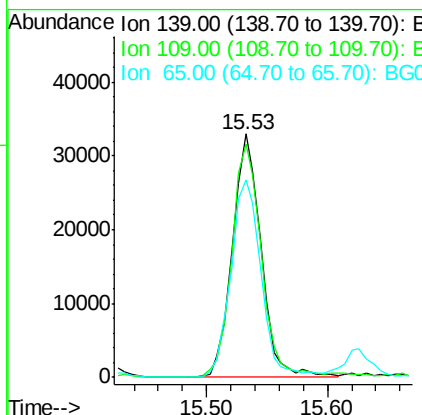
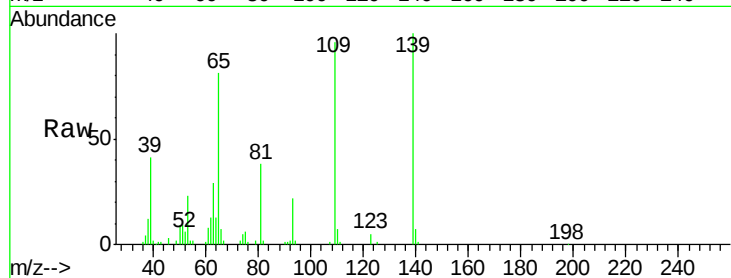




#55
4-Nitrophenol
Concen: 46.167 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

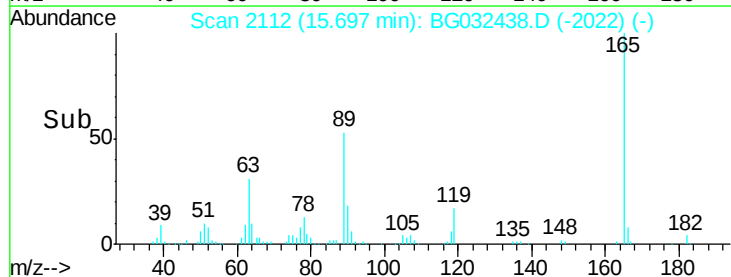
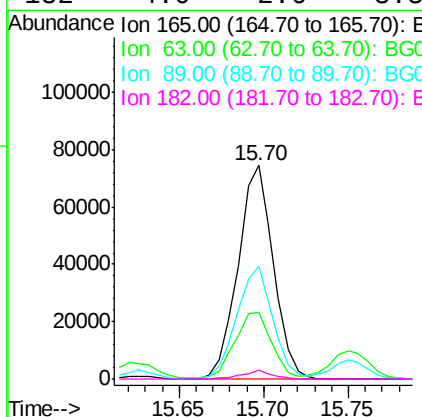
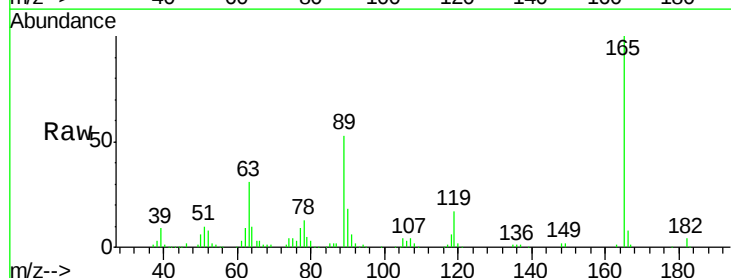
Instrument :
BNA_G
ClientSampleId :

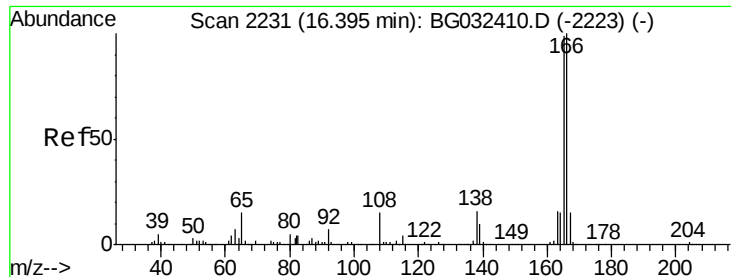
Tot Ion:139 Resp: 54683
Ion Ratio Lower Upper
139 100
109 95.7 62.2 102.2
65 81.2 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.962 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion:165 Resp: 108220
Ion Ratio Lower Upper
165 100
63 31.3 42.0 63.0#
89 52.9 66.9 100.3#
182 4.0 2.6 3.8#

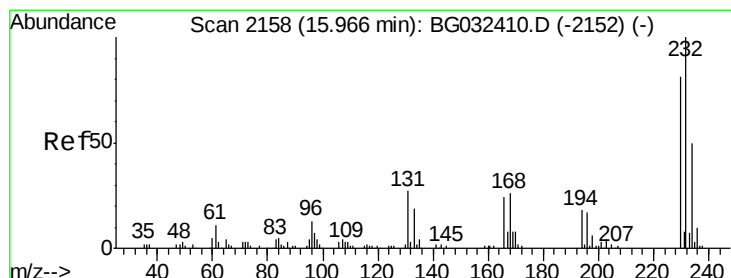
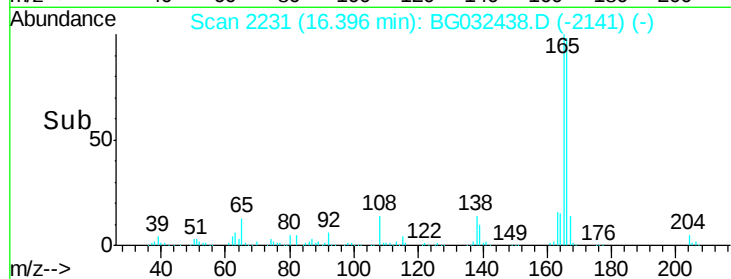
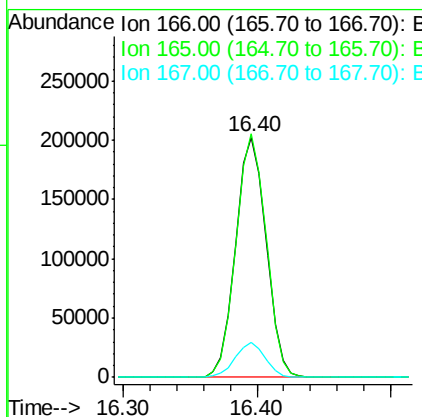
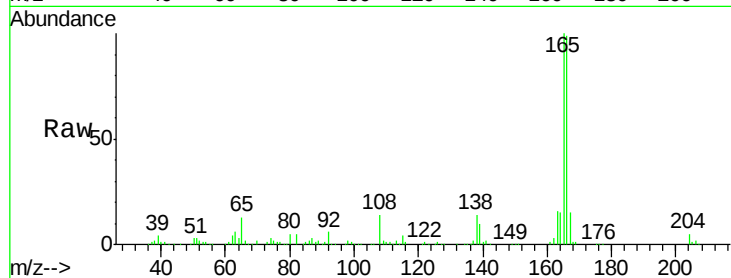




#57
 Fluorene
 Concen: 40.166 ng
 RT: 16.40 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

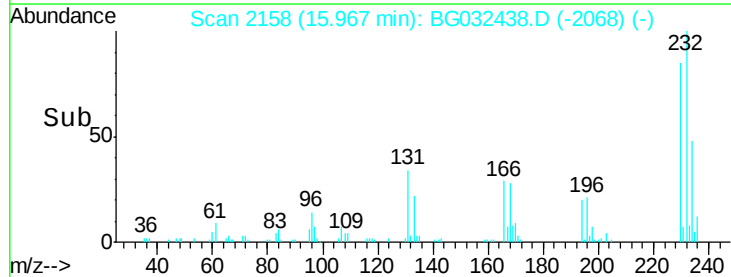
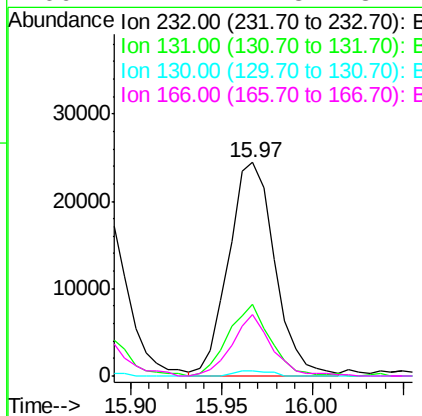
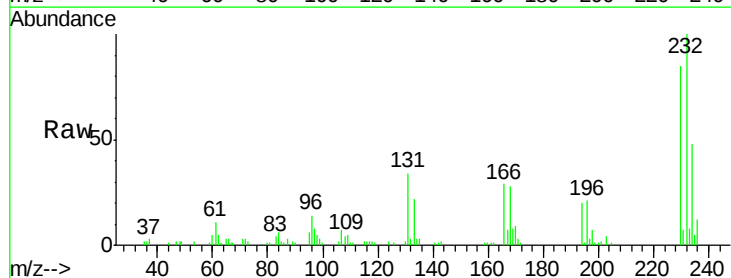
Instrument :
 BNA_G
 ClientSampleId :

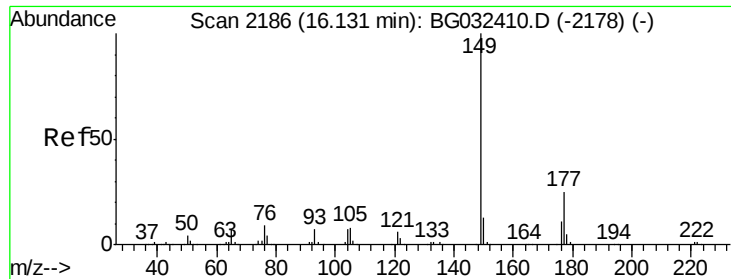
Tot Ion:166 Resp: 321003
 Ion Ratio Lower Upper
 166 100
 165 101.4 80.6 121.0
 167 14.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.863 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion:232 Resp: 43440
 Ion Ratio Lower Upper
 232 100
 131 30.7 33.5 50.3#
 130 2.0 2.2 3.2#
 166 24.7 24.8 37.2#

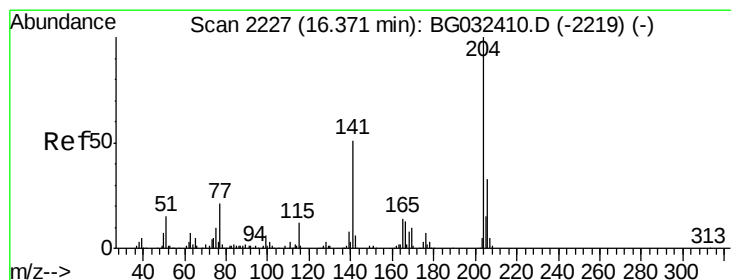
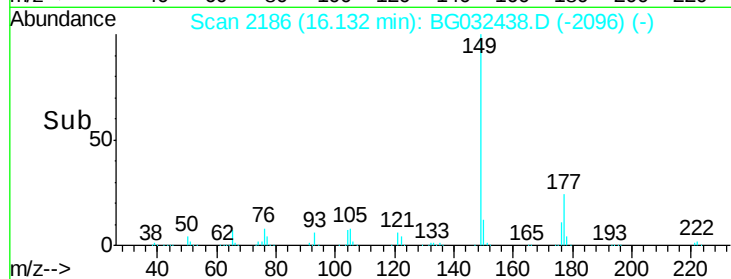
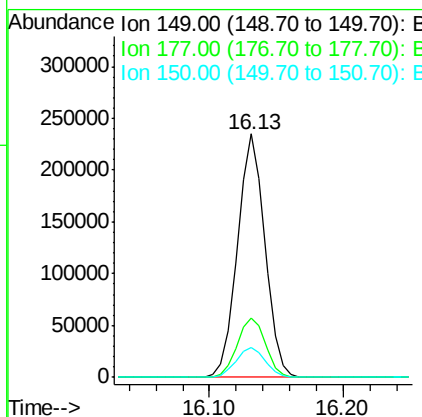
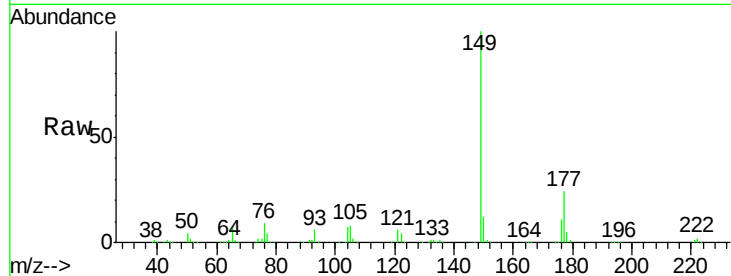




#59
Diethylphthalate
Concen: 39.640 ng
RT: 16.13 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

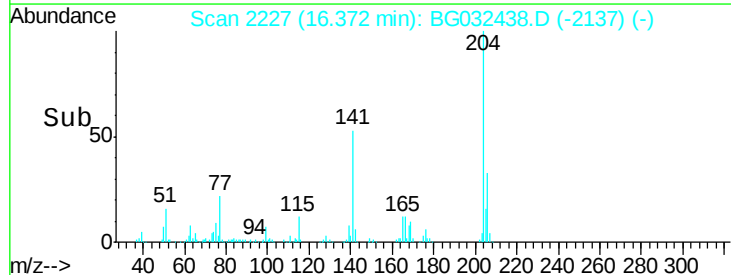
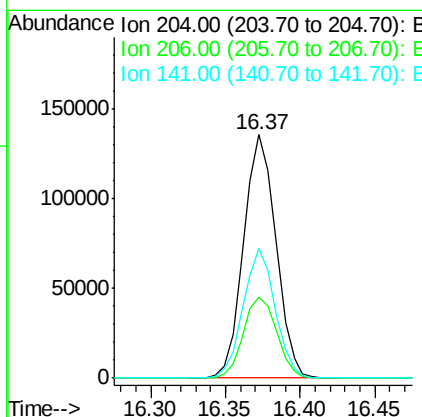
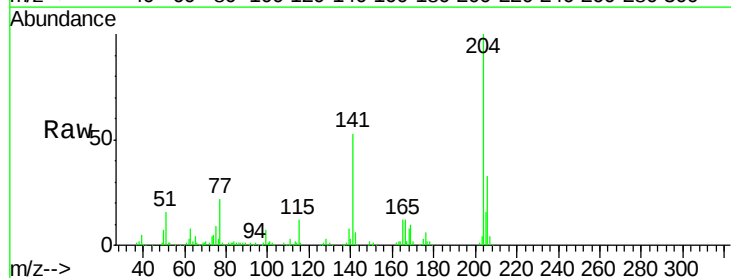
Instrument :
BNA_G
ClientSampleId :

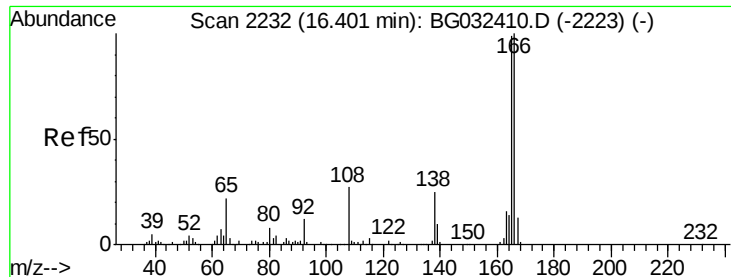
Tot Ion:149 Resp: 333178
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.313 ng
RT: 16.37 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion:204 Resp: 203164
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 53.2 45.8 68.6

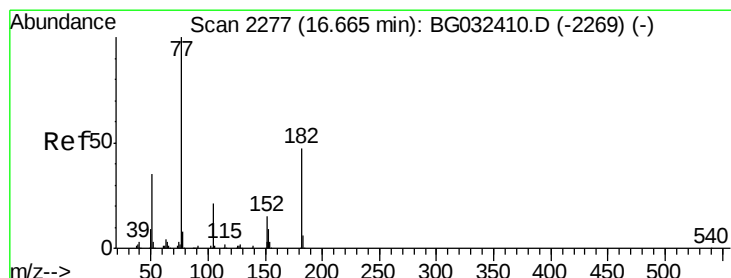
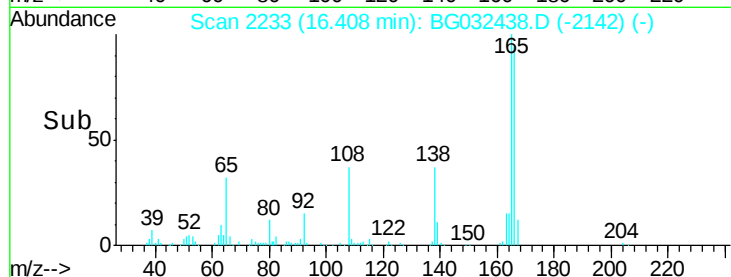
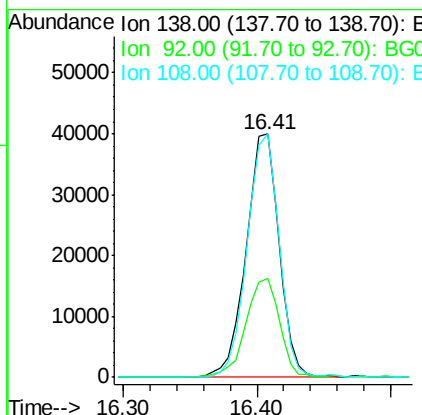
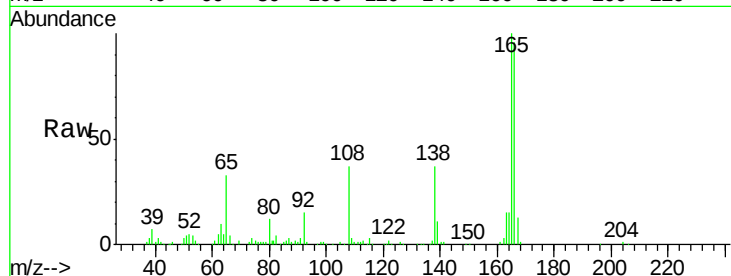




#61
4-Nitroaniline
Concen: 40.119 ng
RT: 16.41 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

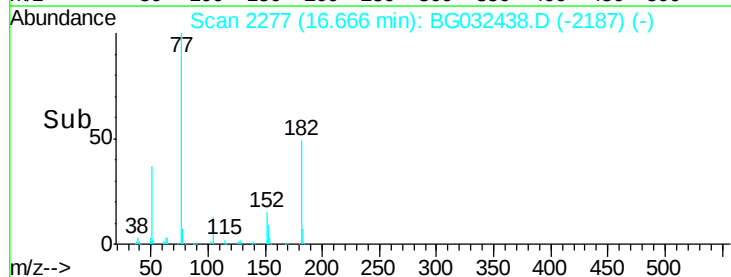
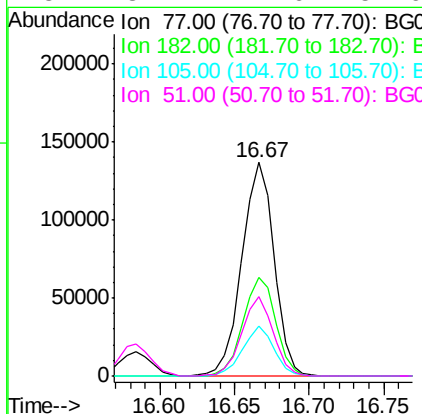
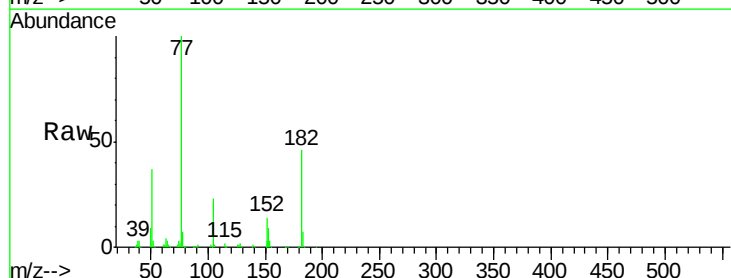
Instrument :
BNA_G
ClientSampleId :

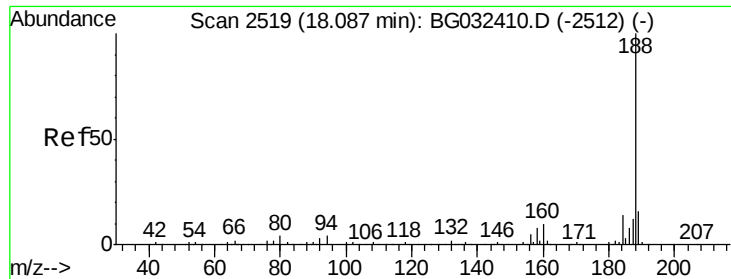
Tot Ion:138 Resp: 68032
Ion Ratio Lower Upper
138 100
92 40.6 40.1 80.1
108 99.9 65.4 105.4



#62
Azobenzene
Concen: 40.553 ng
RT: 16.67 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion: 77 Resp: 203697
Ion Ratio Lower Upper
77 100
182 46.0 7.4 47.4
105 23.3 0.3 40.3
51 37.4 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

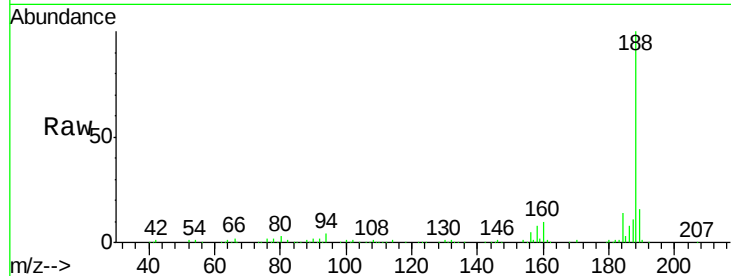
Tot Ion:188 Resp: 245491

Ion Ratio Lower Upper

188 100

94 4.1 6.9 10.3#

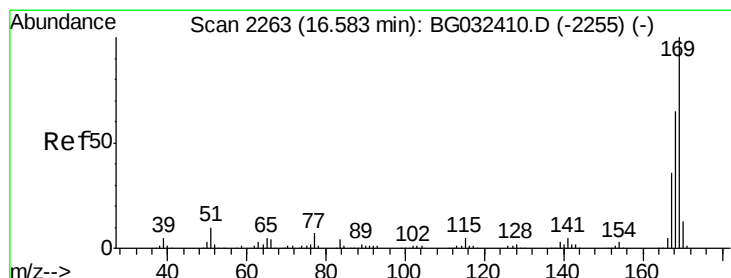
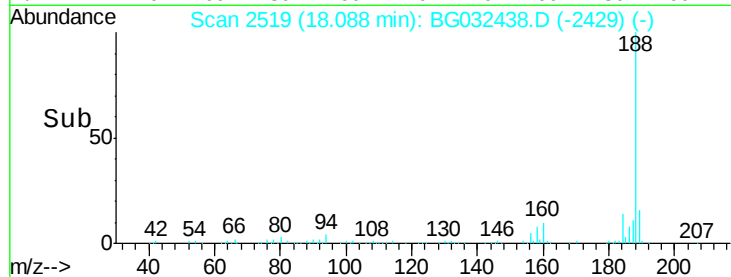
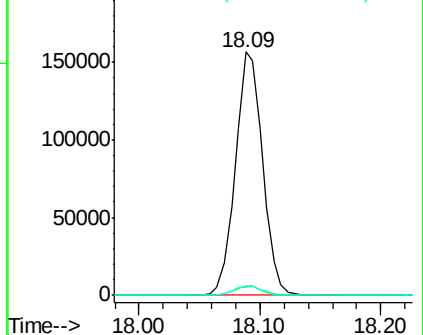
80 3.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

n-Nitrosodiphenylamine

Concen: 41.010 ng

RT: 16.58 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

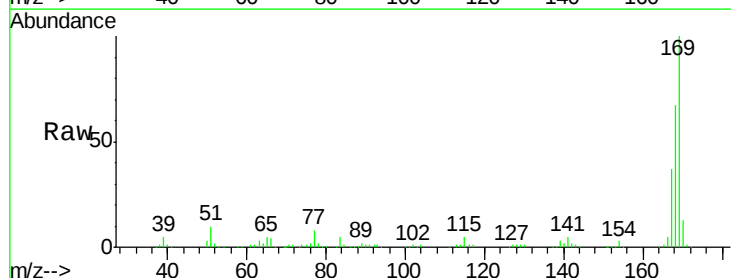
Tgt Ion:169 Resp: 300453

Ion Ratio Lower Upper

169 100

168 67.0 55.7 83.5

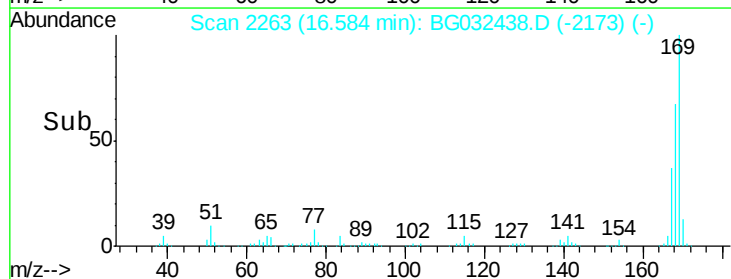
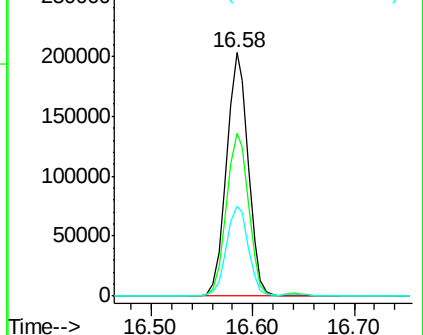
167 37.1 30.1 45.1

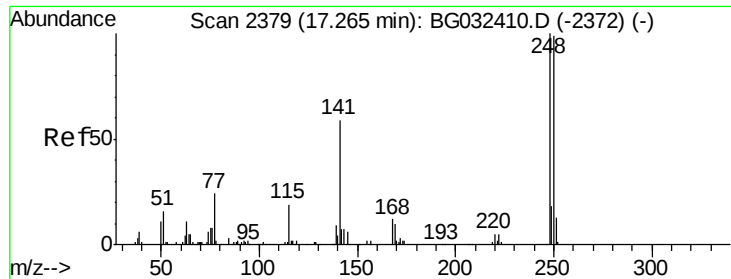


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

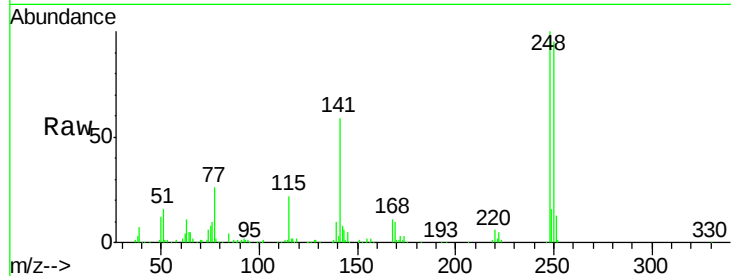




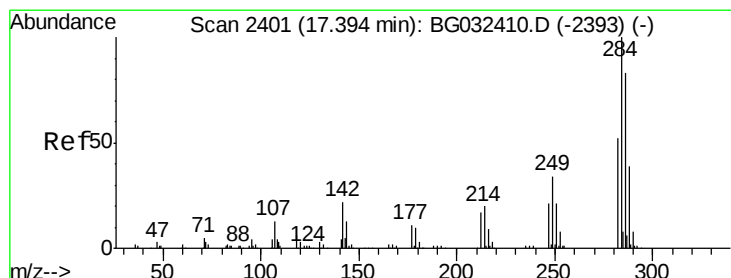
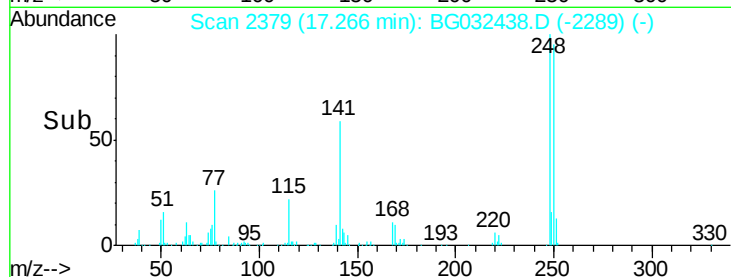
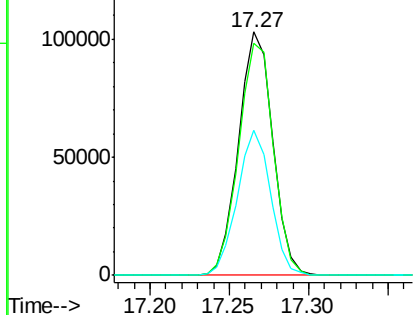
#66
4-Bromophenyl-phenylether
Concen: 42.366 ng
RT: 17.27 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 154082
Ion Ratio Lower Upper
248 100
250 95.4 77.1 115.7
141 59.4 50.8 76.2

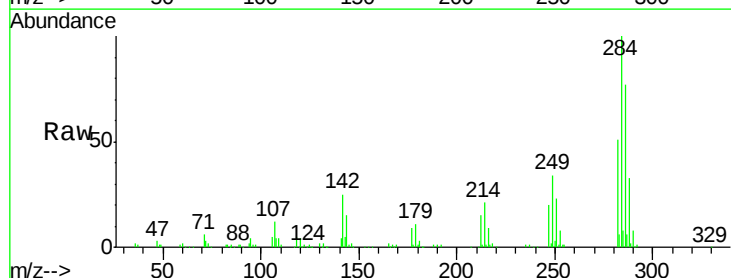


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

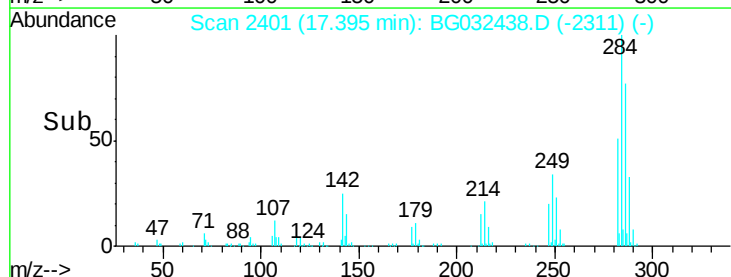
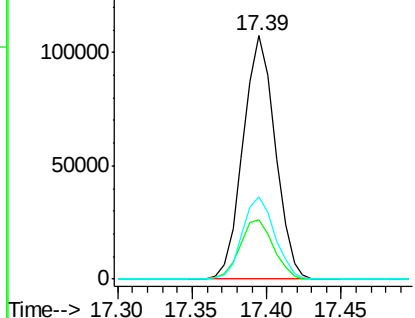


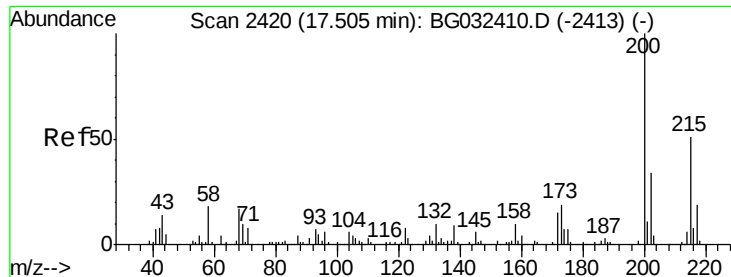
#67
Hexachlorobenzene
Concen: 39.857 ng
RT: 17.39 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion:284 Resp: 160417
Ion Ratio Lower Upper
284 100
142 24.6 26.8 40.2#
249 33.9 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

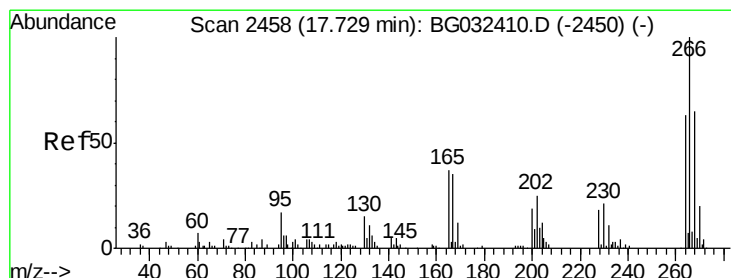
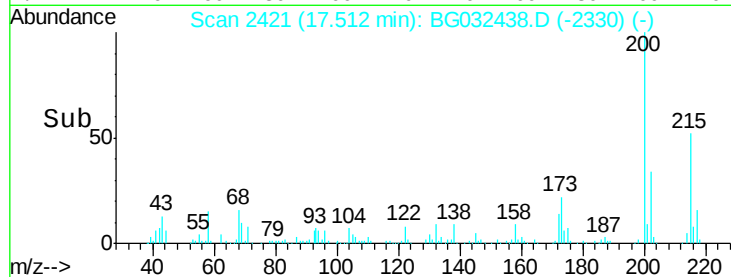
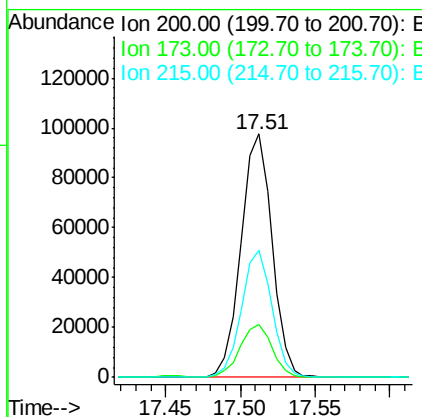
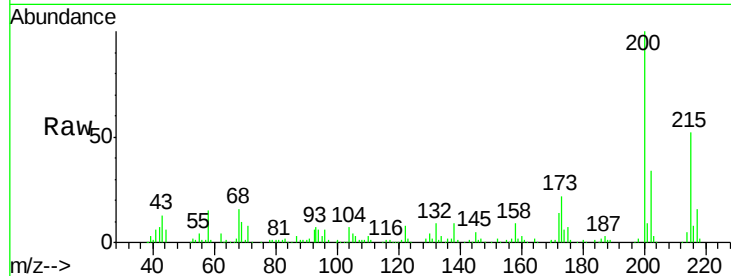




#68
 Atrazine
 Concen: 44.724 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.01 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

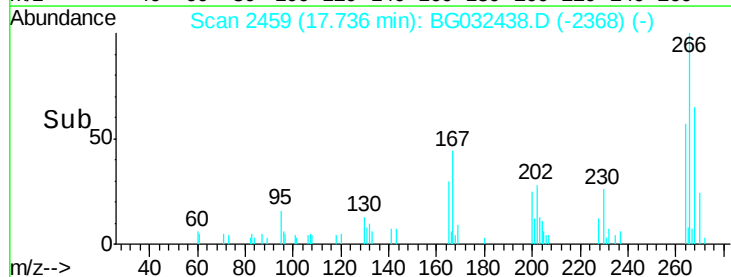
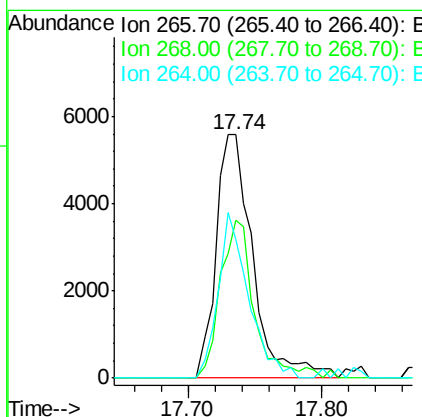
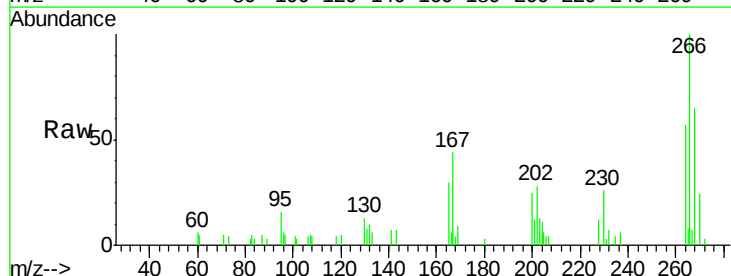
Instrument :
 BNA_G
 ClientSampleId :

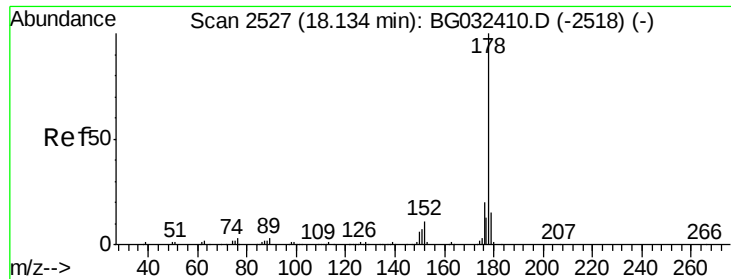
Tot Ion:200 Resp: 140657
 Ion Ratio Lower Upper
 200 100
 173 21.6 5.2 45.2
 215 52.2 30.4 70.4



#69
 Pentachlorophenol
 Concen: 4.271 ng
 RT: 17.74 min Scan# 2459
 Delta R.T. 0.01 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion:266 Resp: 10769
 Ion Ratio Lower Upper
 266 100
 268 64.9 51.1 76.7
 264 57.0 49.6 74.4





#70

Phenanthrene

Concen: 40.864 ng

RT: 18.14 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

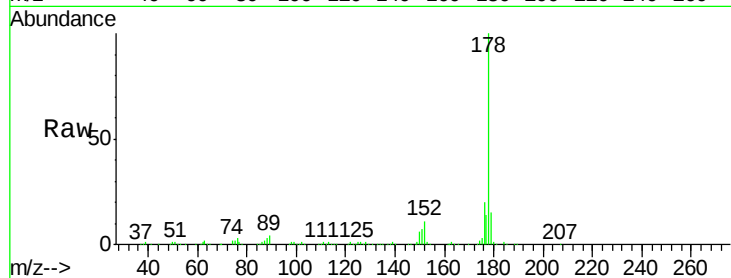
Tot Ion:178 Resp: 559441

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

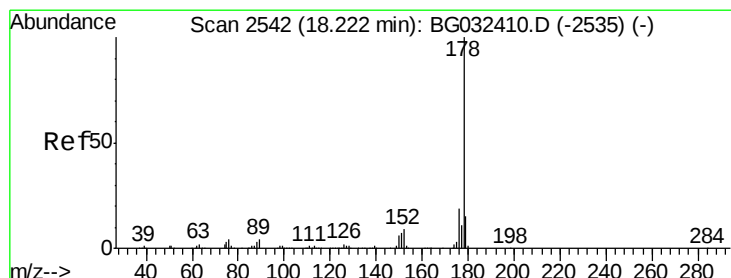
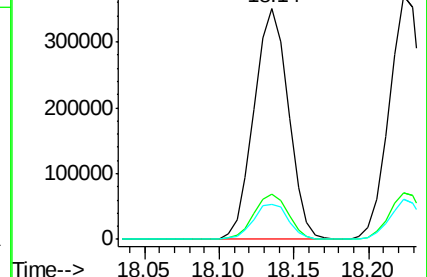
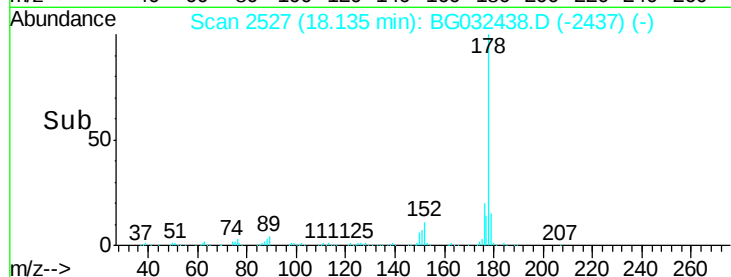
179 15.2 12.5 18.7



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: 42.339 ng

RT: 18.22 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

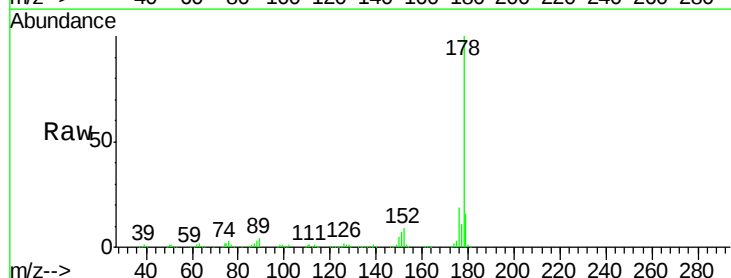
Tgt Ion:178 Resp: 577146

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

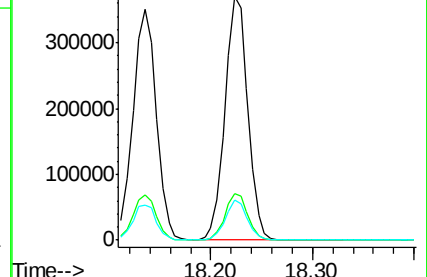
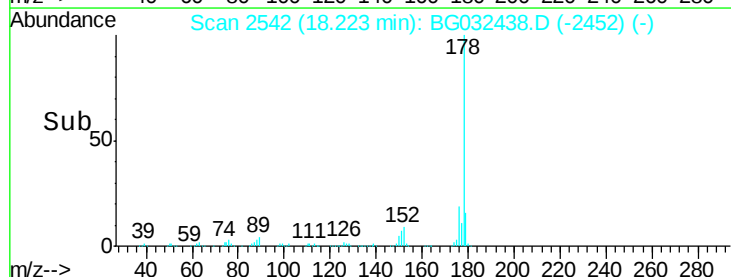
179 16.4 12.5 18.7

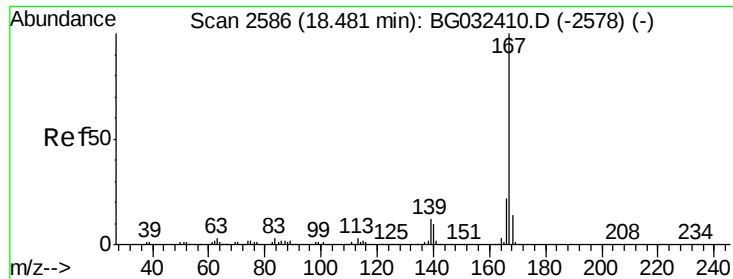


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.225 ng

RT: 18.49 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

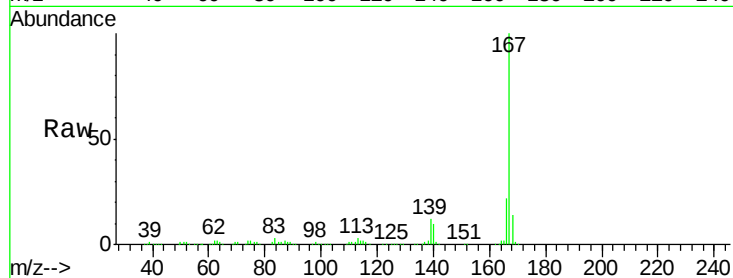
Tot Ion:167 Resp: 484481

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.4

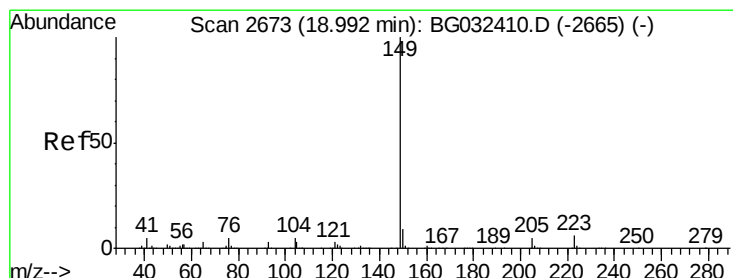
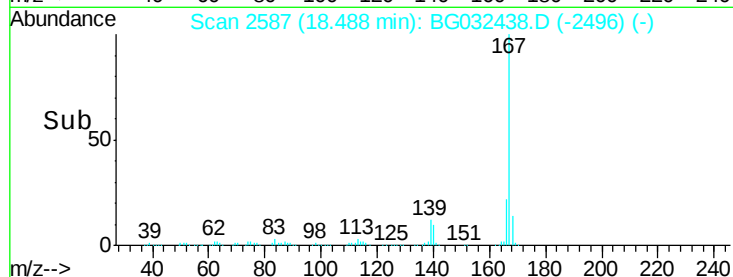
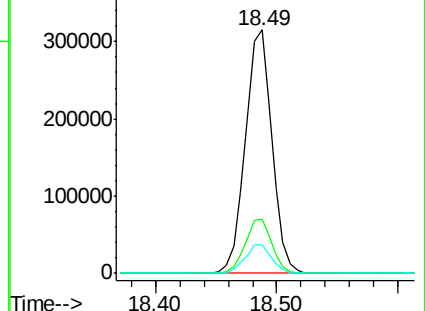
139 12.0 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.377 ng

RT: 18.99 min Scan# 2673

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

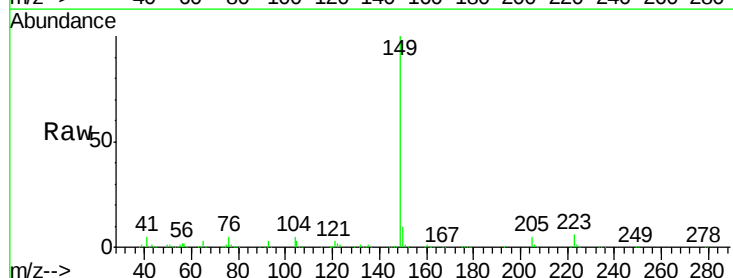
Tgt Ion:149 Resp: 551765

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

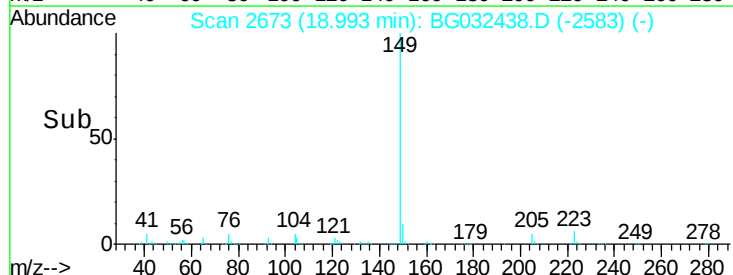
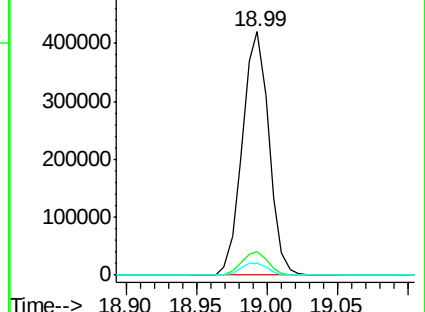
104 5.0 3.9 5.9

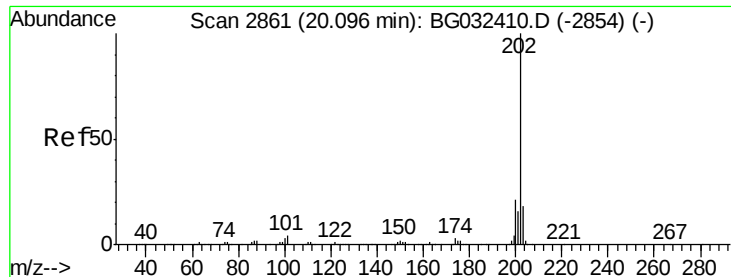


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

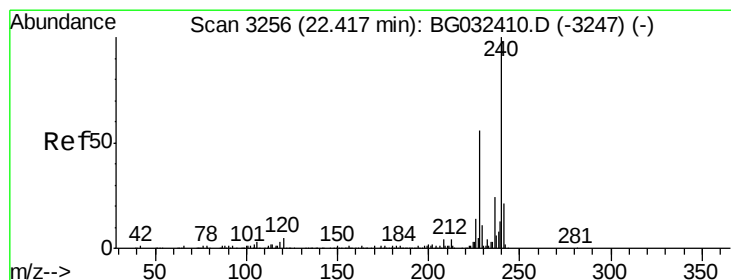
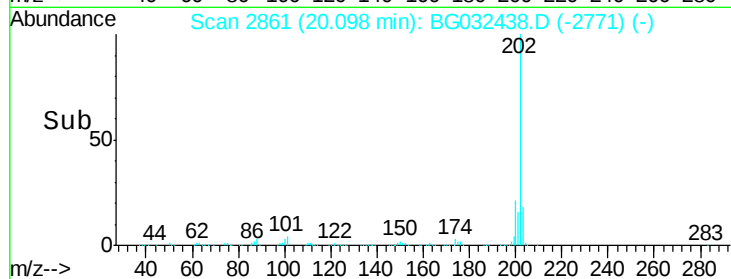
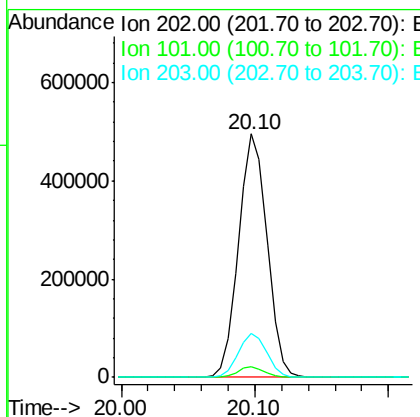
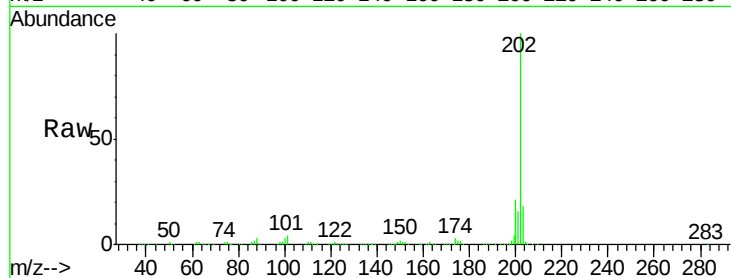




#74
 Fluoranthene
 Concen: 40.508 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

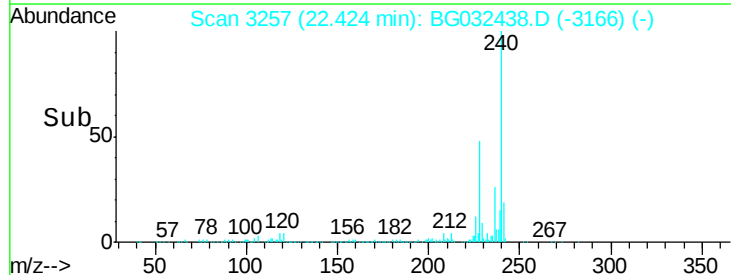
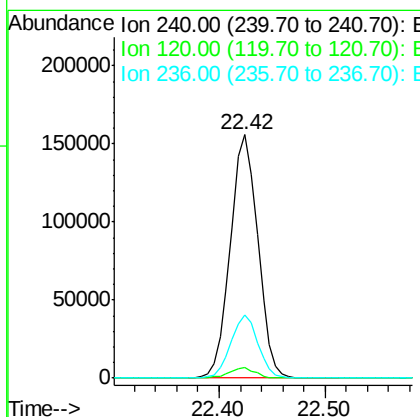
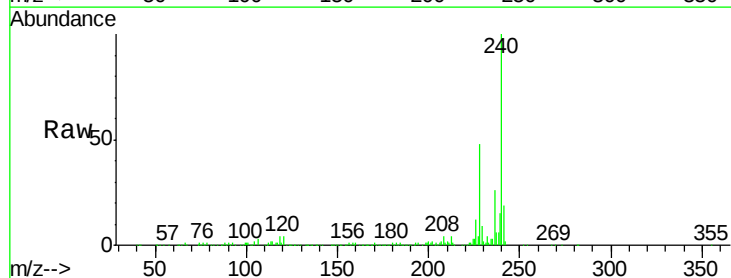
Instrument :
 BNA_G
 ClientSampleId :

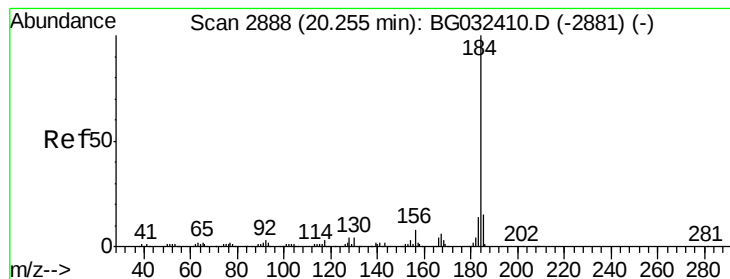
Tot Ion	Ratio	Lower	Upper
202	100		
101	4.5	0.0	28.9
203	18.0	0.0	37.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. 0.01 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.9	20.9	31.3





#76

Benzidine

Concen: 24.533 ng

RT: 20.26 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

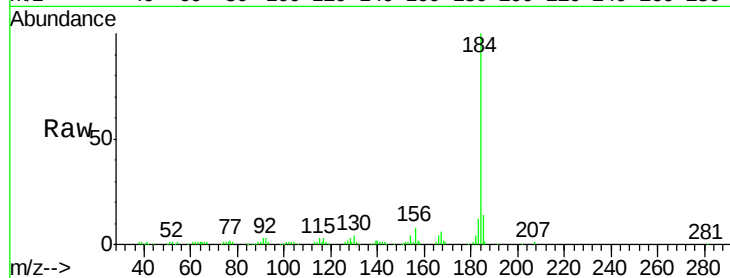
Tot Ion:184 Resp: 135228

Ion Ratio Lower Upper

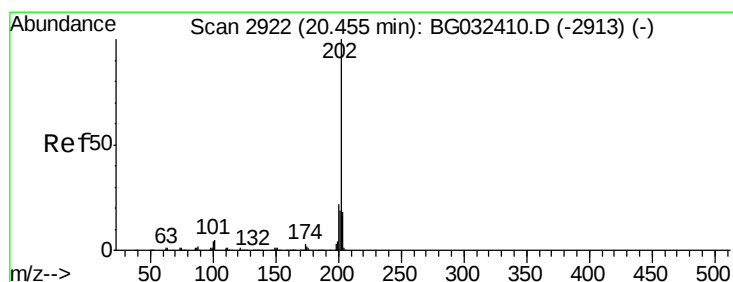
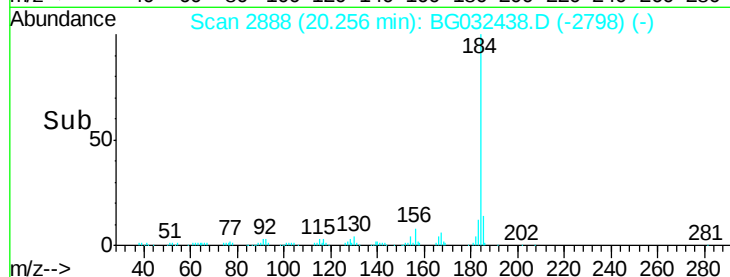
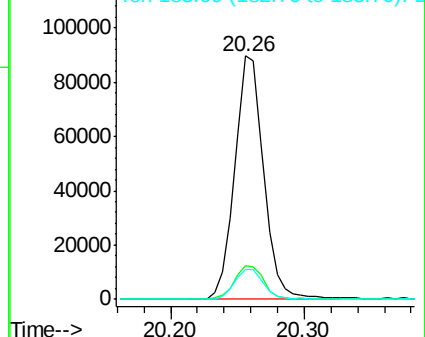
184 100

185 13.7 11.1 16.7

183 12.2 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 41.898 ng

RT: 20.46 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

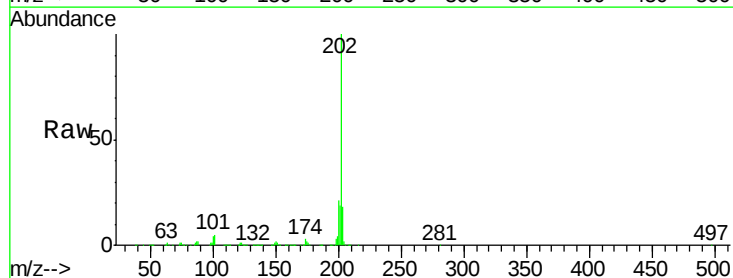
Tgt Ion:202 Resp: 721377

Ion Ratio Lower Upper

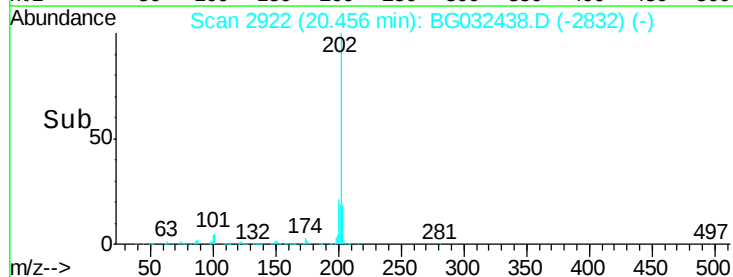
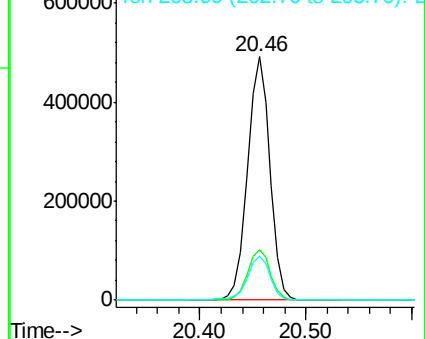
202 100

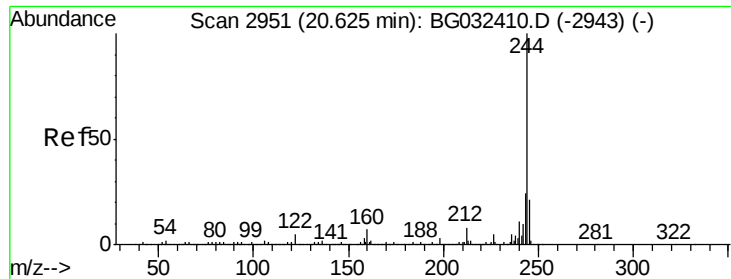
200 20.8 16.9 25.3

203 17.8 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: 89.509 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

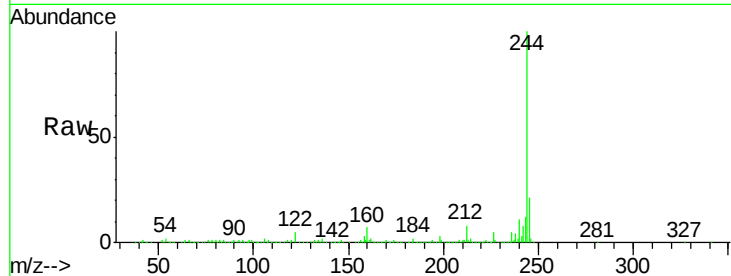
Tot Ion:244 Resp: 1172997

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.0	7.0	10.4

244 100

212 7.6 5.8 8.8

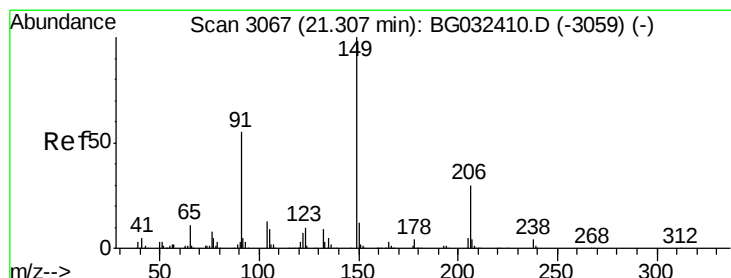
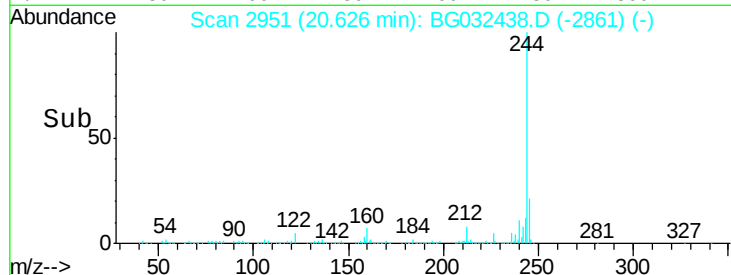
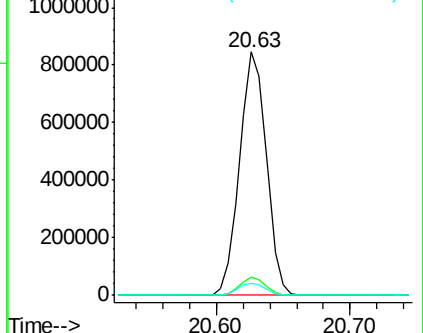
122 5.0 7.0 10.4



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: 42.995 ng

RT: 21.31 min Scan# 3068

Delta R.T. 0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

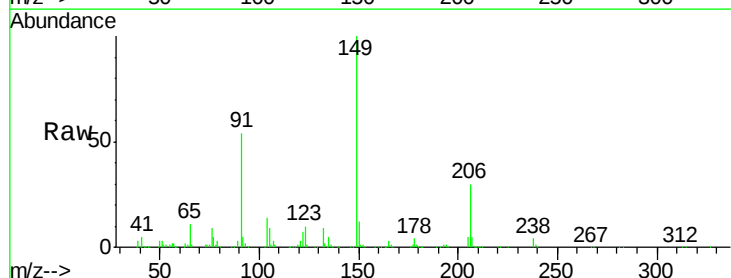
Tgt Ion:149 Resp: 233498

Ion	Ratio	Lower	Upper
149	100		
91	53.9	62.2	93.2
206	30.4	18.6	27.8

149 100

91 53.9 62.2 93.2

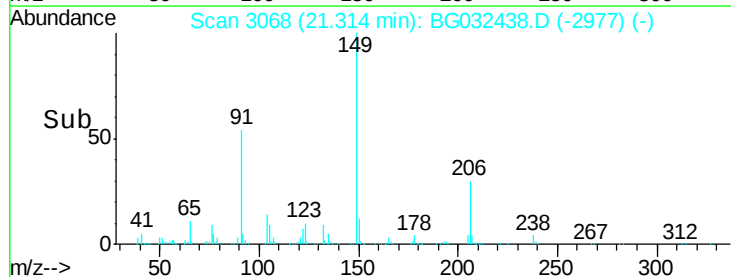
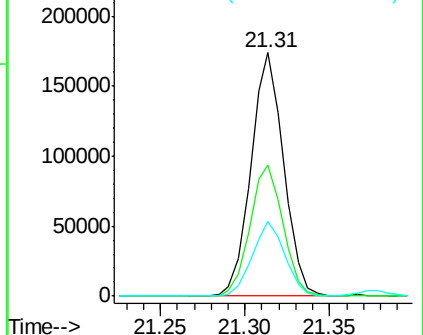
206 30.4 18.6 27.8

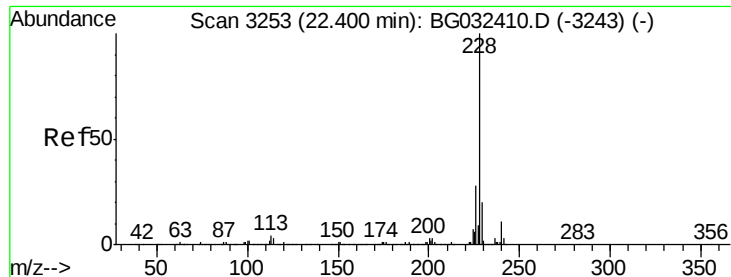


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

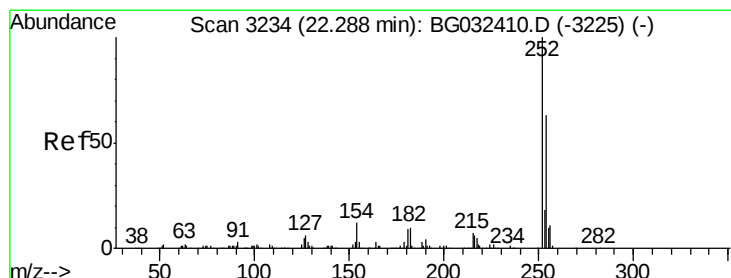
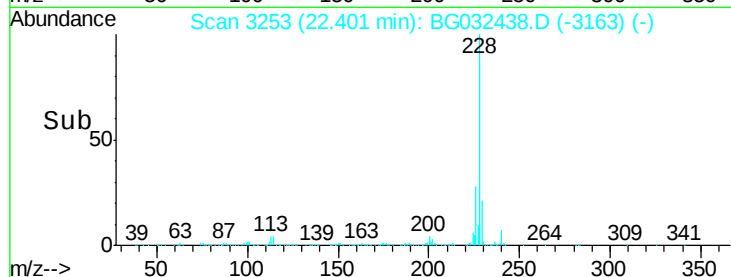
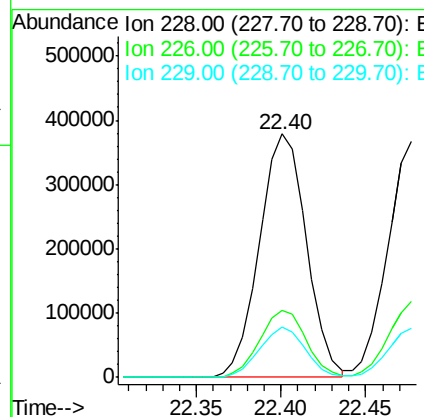
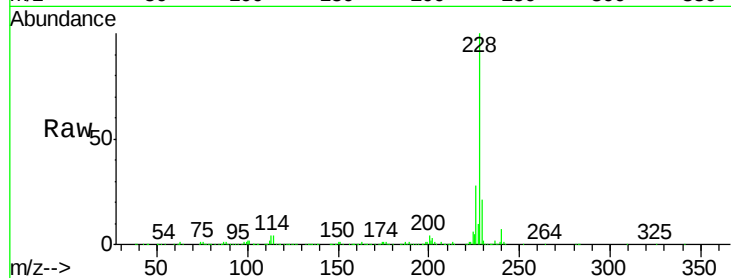




#80
Benzo(a)anthracene
Concen: 42.072 ng
RT: 22.40 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

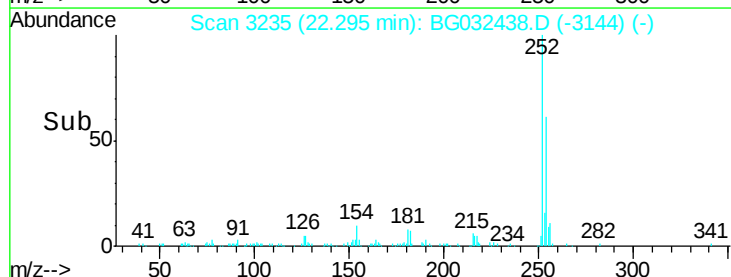
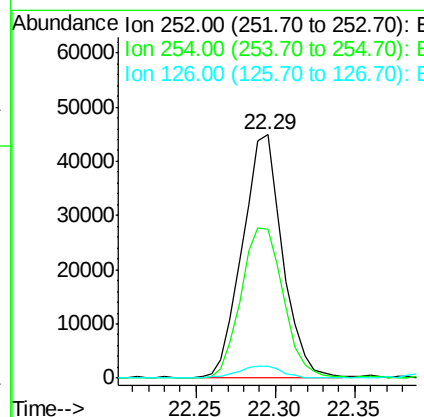
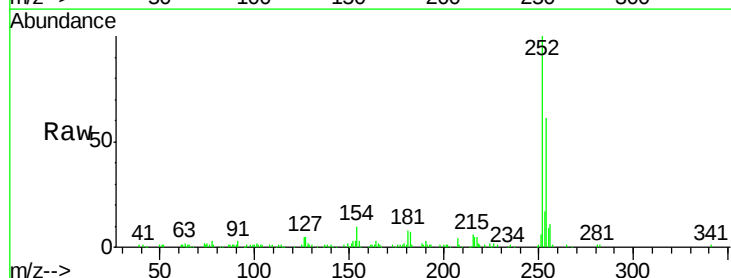
Instrument :
BNA_G
ClientSampled :

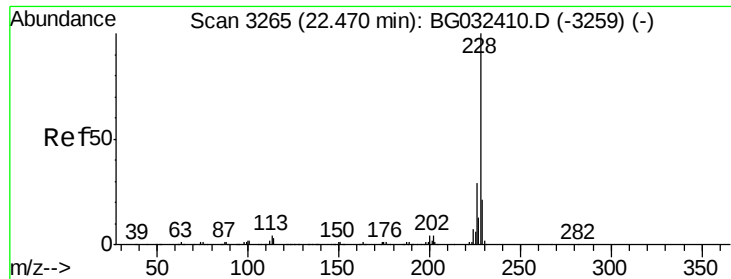
Tot Ion:228 Resp: 732172
Ion Ratio Lower Upper
228 100
226 27.6 22.7 34.1
229 20.8 16.2 24.2



#81
3,3'-Dichlorobenzidine
Concen: 11.731 ng
RT: 22.29 min Scan# 3235
Delta R.T. 0.01 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion:252 Resp: 79099
Ion Ratio Lower Upper
252 100
254 61.4 50.8 76.2
126 4.9 7.4 11.2#

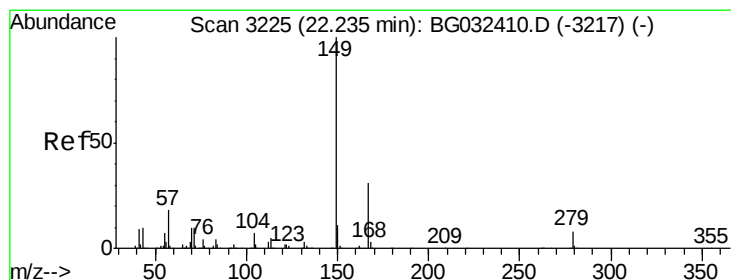
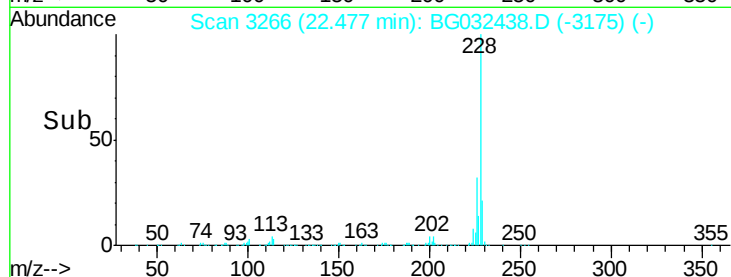
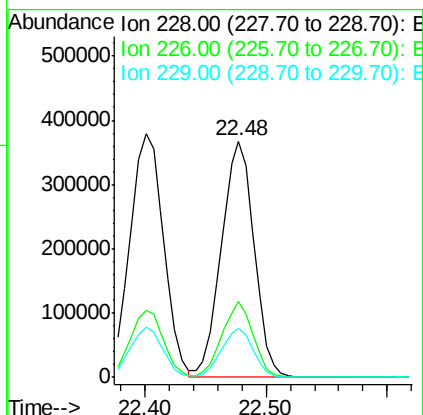
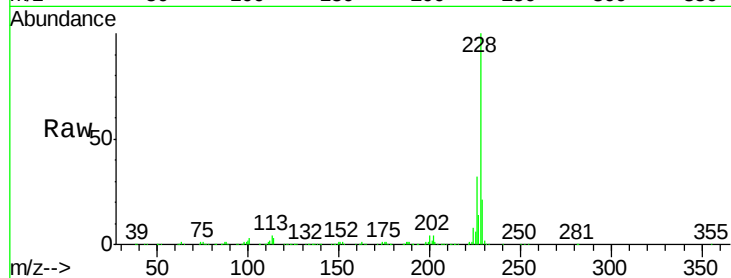




#82
 Chrvsene
 Concen: 40.898 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. 0.01 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

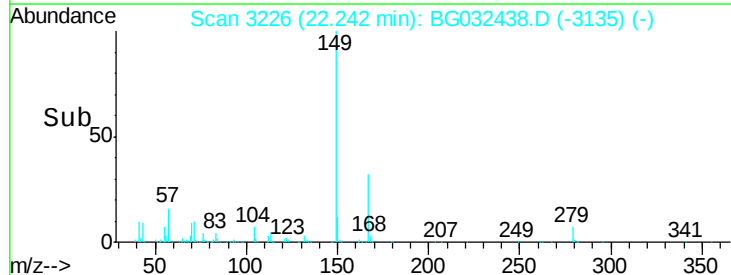
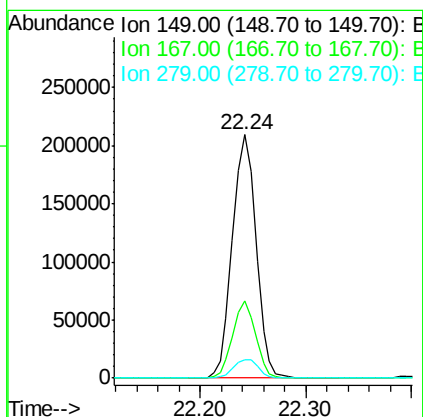
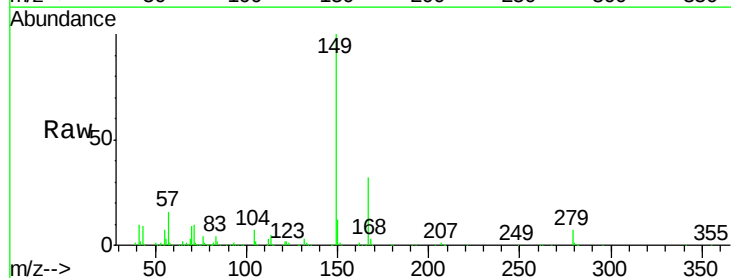
Instrument :
 BNA_G
 ClientSampleId :

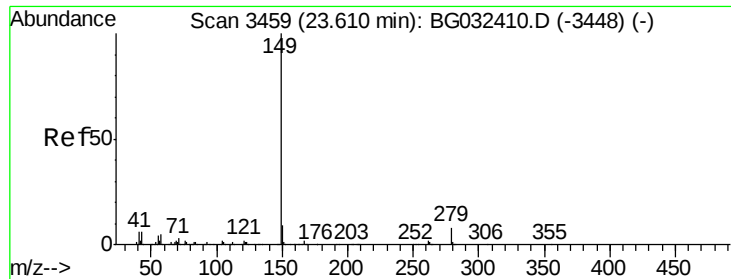
Tot Ion:228 Resp: 687352
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 20.6 15.0 22.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.126 ng
 RT: 22.24 min Scan# 3226
 Delta R.T. 0.01 min
 Lab File: BG032438.D
 Acq: 30 Jan 2018 8:26

Tgt Ion:149 Resp: 324383
 Ion Ratio Lower Upper
 149 100
 167 31.6 24.3 36.5
 279 7.4 4.0 6.0#





#84

Di-n-octyl phthalate

Concen: 45.375 ng

RT: 23.61 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

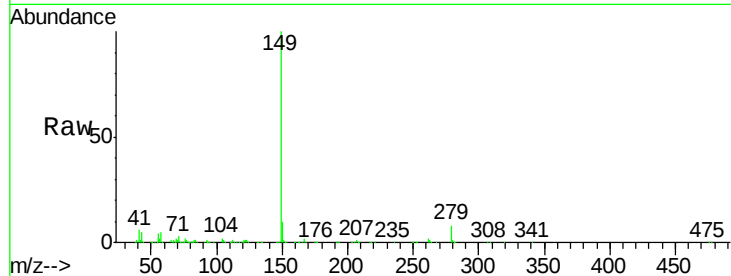
Tot Ion:149 Resp: 554195

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

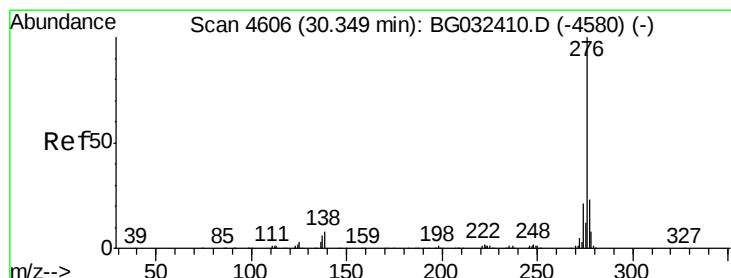
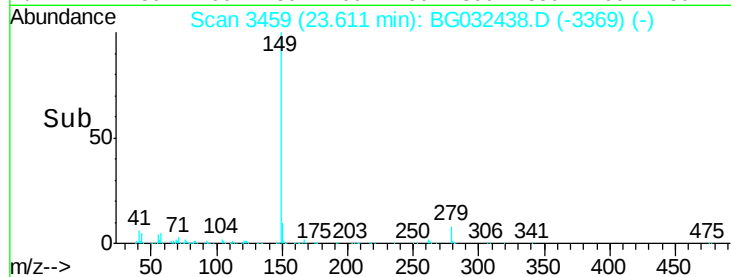
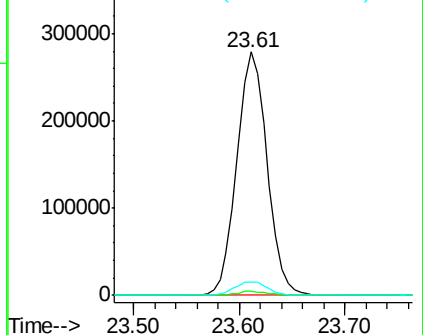
43 6.1 8.9 13.3#



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): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.820 ng

RT: 30.37 min Scan# 4610

Delta R.T. 0.02 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

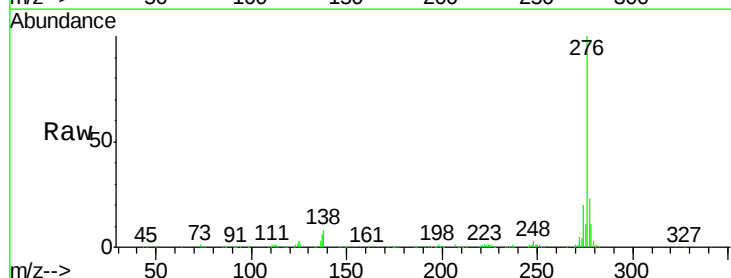
Tgt Ion:276 Resp: 931663

Ion Ratio Lower Upper

276 100

138 6.1 16.0 24.0#

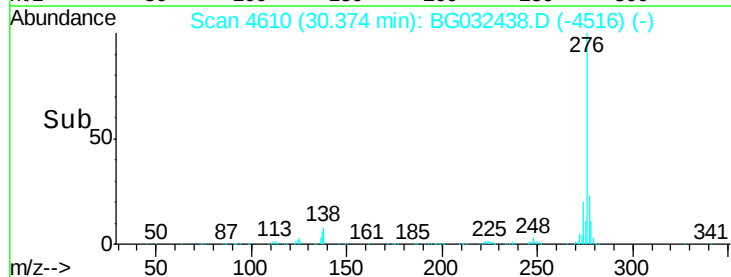
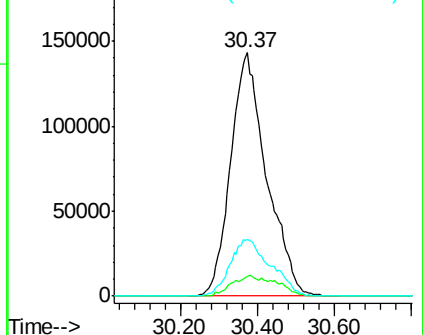
277 26.2 20.0 30.0

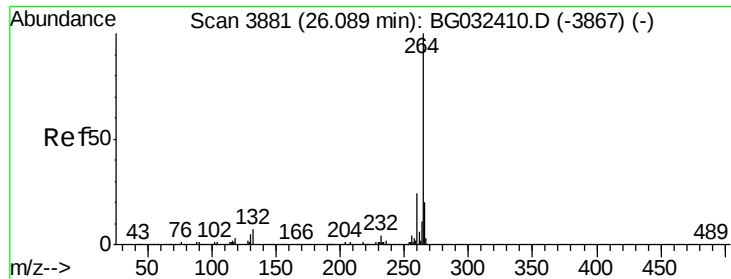


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.10 min Scan# 3883

Delta R.T. 0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

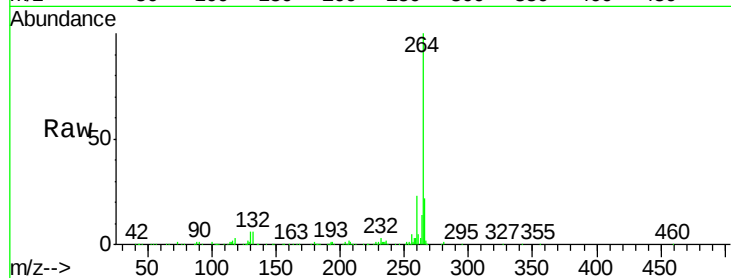
Tot Ion:264 Resp: 303075

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

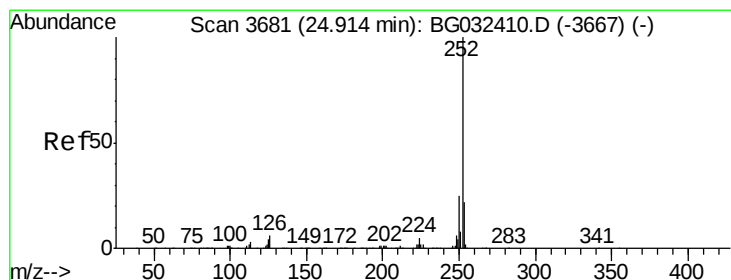
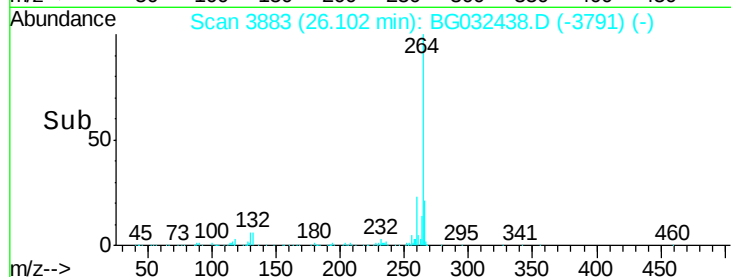
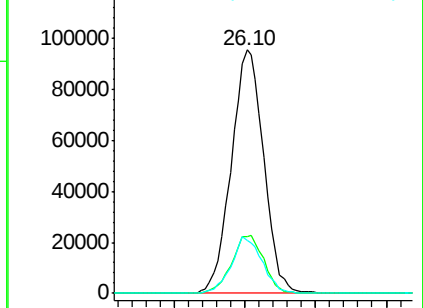
265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 42.642 ng

RT: 24.93 min Scan# 3683

Delta R.T. 0.01 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

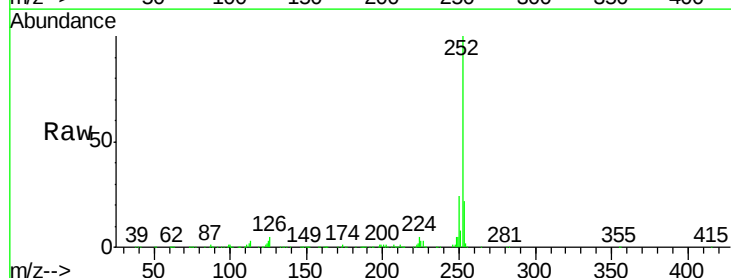
Tgt Ion:252 Resp: 780875

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

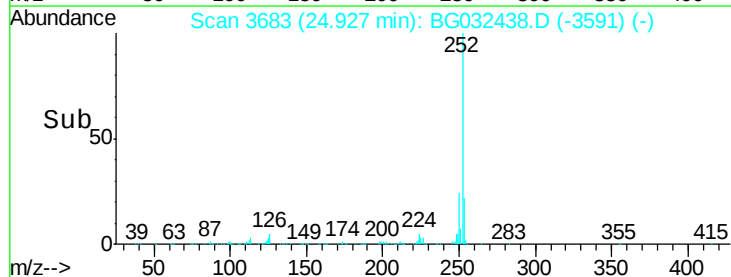
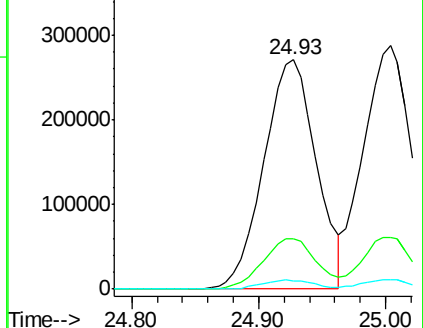
125 3.4 7.2 10.8#

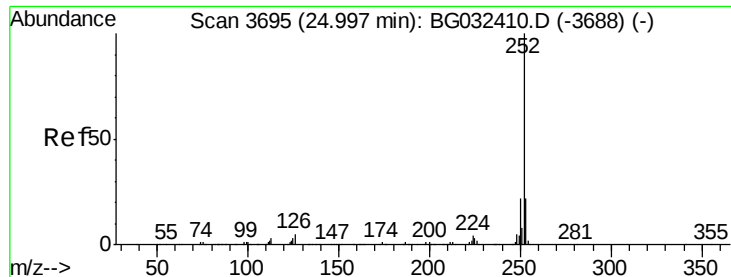


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

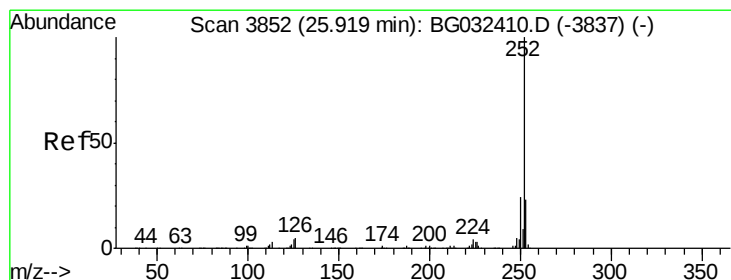
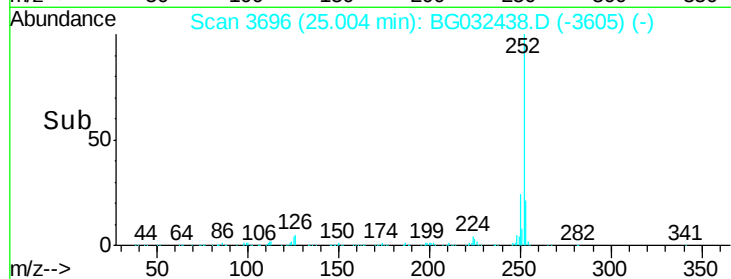
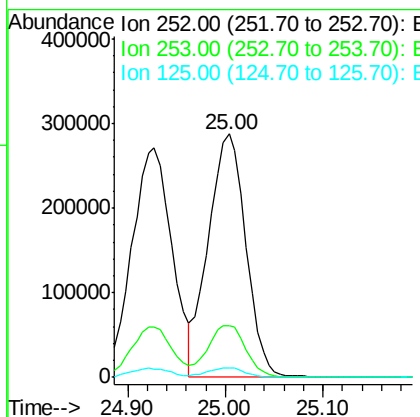
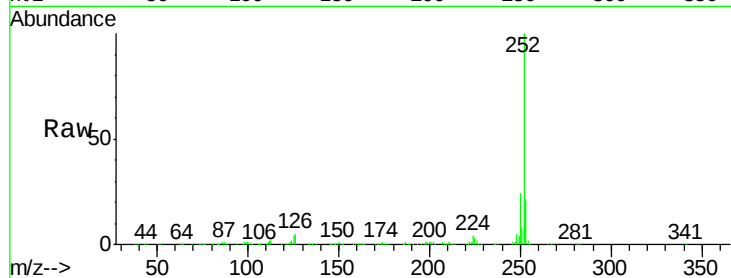




#88
Benzo(k)fluoranthene
Concen: 41.985 ng
RT: 25.00 min Scan# 3696
Delta R.T. 0.01 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

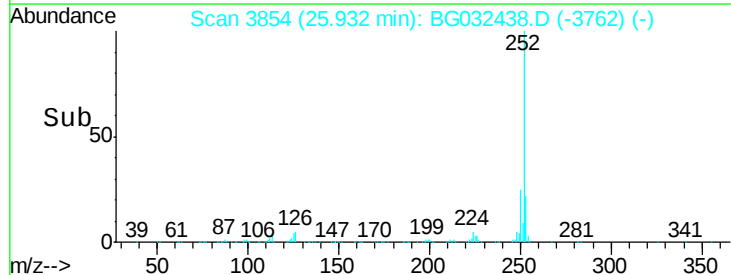
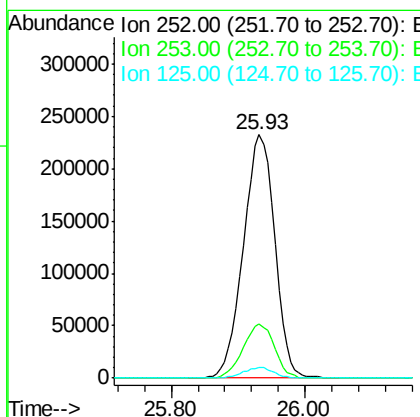
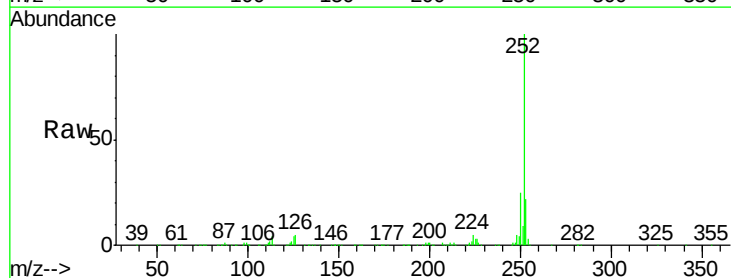
Instrument :
BNA_G
ClientSampleId :

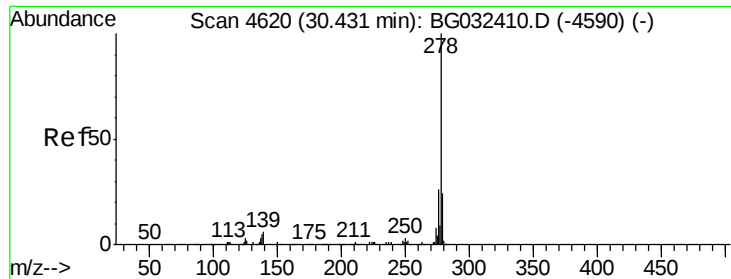
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	3.9	6.6	9.8#



#89
Benzo(a)pyrene
Concen: 43.043 ng
RT: 25.93 min Scan# 3854
Delta R.T. 0.01 min
Lab File: BG032438.D
Acq: 30 Jan 2018 8:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	4.2	7.3	10.9#





#90

Dibenzo(a,h)anthracene

Concen: 43.606 ng

RT: 30.45 min Scan# 4623

Delta R.T. 0.02 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

Instrument :

BNA_G

ClientSampleId :

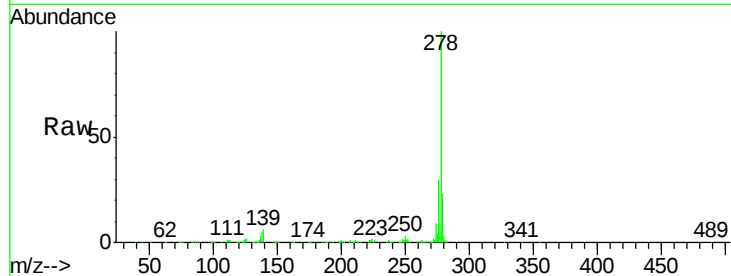
Tot Ion:278 Resp: 778781

Ion Ratio Lower Upper

278 100

139 6.2 9.8 14.6#

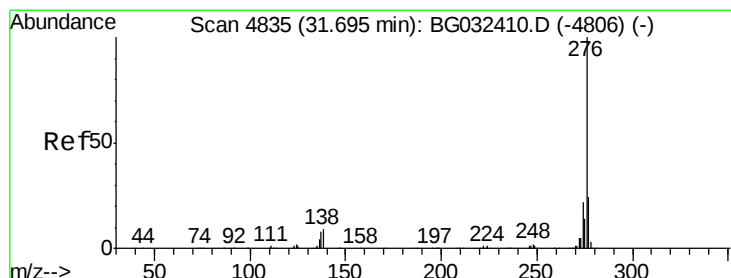
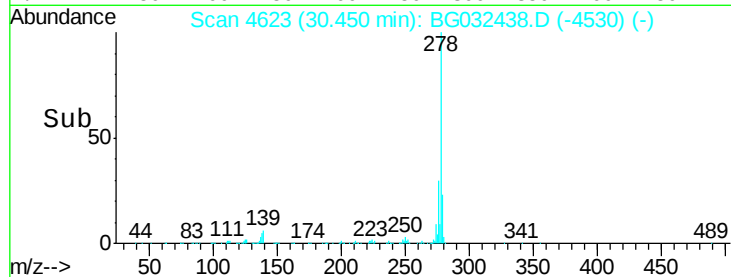
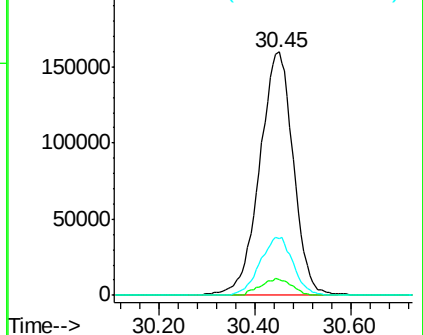
279 23.5 18.4 27.6



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(g,h,i)perylene

Concen: 43.939 ng

RT: 31.71 min Scan# 4838

Delta R.T. 0.02 min

Lab File: BG032438.D

Acq: 30 Jan 2018 8:26

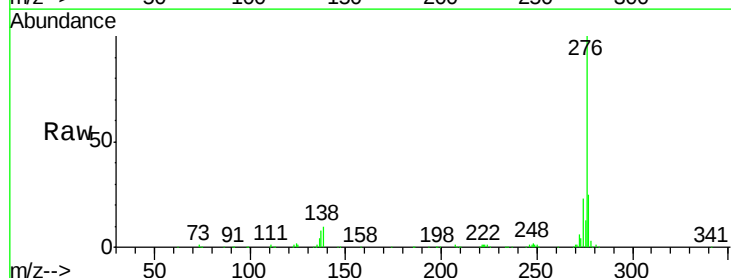
Tgt Ion:276 Resp: 778903

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 9.5 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

