

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031218\
 Data File : BG033112.D
 Acq On : 13 Mar 2018 6:00
 Operator : SJ/JU
 Sample : PB107261BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Quant Time: Mar 13 08:42:54 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	39015	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	175480	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	105307	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	245381	20.00	ng	0.00
75) Chrysene-d12	22.61	240	238847	20.00	ng	0.00
86) Perylene-d12	26.41	264	260397	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	312088	127.98	ng	0.00
7) Phenol-d6	8.01	99	420867	123.82	ng	0.00
23) Nitrobenzene-d5	10.11	82	252470	98.11	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	170432	153.92	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	575075	78.76	ng	0.00
78) Terphenyl-d14	20.77	244	901452	84.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	35367	33.417	ng	98
3) Pyridine	4.42	79	100310	34.387	ng	92
4) n-Nitrosodimethylamine	4.32	42	60990	52.149	ng	# 79
6) Aniline	8.20	93	48486	10.538	ng	98
8) 2-Chlorophenol	8.45	128	114831	43.020	ng	97
9) Benzaldehyde	8.01	77	58784	30.006	ng	96
10) Phenol	8.04	94	152904	44.623	ng	97
11) bis(2-Chloroethyl)ether	8.29	93	101876	36.360	ng	99
12) 1,3-Dichlorobenzene	8.79	146	114807	36.722	ng	98
13) 1,4-Dichlorobenzene	8.95	146	117767	37.422	ng	96
14) 1,2-Dichlorobenzene	9.28	146	109470	36.301	ng	97
15) Benzyl Alcohol	9.14	79	105111	42.063	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.43	45	205636	42.692	ng	99
17) 2-Methylphenol	9.34	107	103340	40.899	ng	97
18) Hexachloroethane	10.04	117	42127	39.316	ng	# 84
19) n-Nitroso-di-n-propylamine	9.72	70	90098	37.545	ng	# 90
20) 3+4-Methylphenols	9.67	107	140750	40.063	ng	93
22) Acetophenone	9.75	105	166705	37.616	ng	# 98
24) Nitrobenzene	10.15	77	129426	46.482	ng	93
25) Isophorone	10.67	82	244904	39.762	ng	97
26) 2-Nitrophenol	10.88	139	59198	56.358	ng	98
27) 2,4-Dimethylphenol	10.90	122	124673	46.595	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	143349	39.951	ng	96
29) 2,4-Dichlorophenol	11.42	162	112671	46.397	ng	97
30) 1,2,4-Trichlorobenzene	11.65	180	105605	37.099	ng	98
31) Naphthalene	11.84	128	355992	38.824	ng	99
32) Benzoic acid	11.00	122	67434	42.684	ng	# 87
33) 4-Chloroaniline	11.93	127	44393	10.828	ng	97
34) Hexachlorobutadiene	12.11	225	61147	38.296	ng	96
35) Caprolactam	12.68	113	44173	45.429	ng	97
36) 4-Chloro-3-methylphenol	12.99	107	140284	49.641	ng	97
37) 2-Methylnaphthalene	13.39	142	263337	39.696	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	118758	37.990	ng	# 97
40) Hexachlorocyclopentadiene	13.72	237	144016	90.397	ng	91

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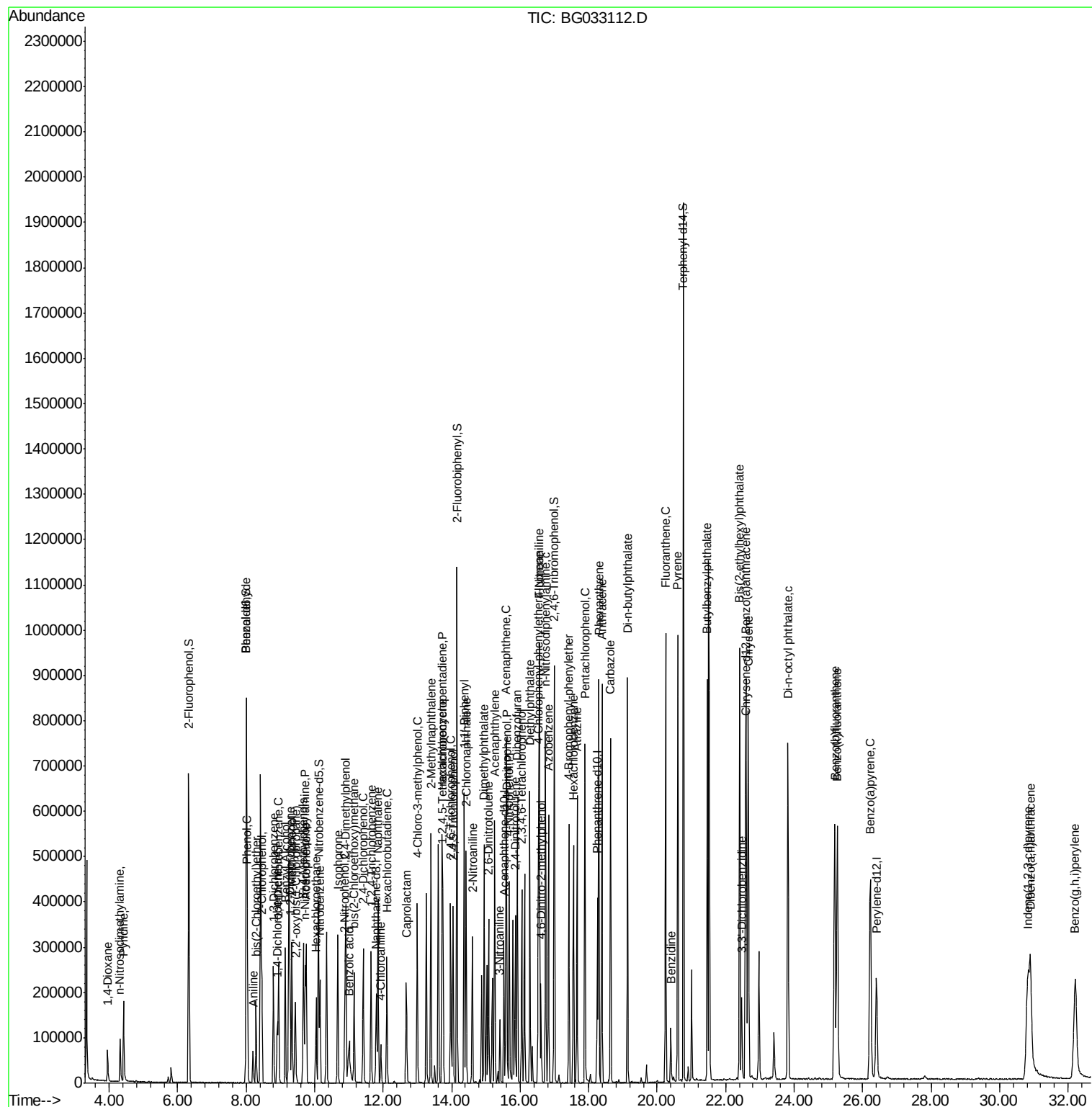
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	89839	45.571	ng	97
43) 2,4,5-Trichlorophenol	14.04	196	99193	43.474	ng	# 95
45) 1,1'-Biphenyl	14.36	154	336570	36.575	ng	97
46) 2-Chloronaphthalene	14.42	162	256989	37.386	ng	94
47) 2-Nitroaniline	14.60	65	96363	54.032	ng	93
48) Acenaphthylene	15.26	152	430569	38.258	ng	99
49) Dimethylphthalate	14.95	163	348777	39.006	ng	100
50) 2,6-Dinitrotoluene	15.08	165	76165	50.822	ng	96
51) Acenaphthene	15.59	154	290452	41.440	ng	100
52) 3-Nitroaniline	15.41	138	35680	23.968	ng	# 88
53) 2,4-Dinitrophenol	15.61	184	53621	103.230	ng	96
54) Dibenzofuran	15.91	168	407230	40.805	ng	93
55) 4-Nitrophenol	15.68	139	117817	80.422	ng	91
56) 2,4-Dinitrotoluene	15.86	165	109679	59.428	ng	# 88
57) Fluorene	16.56	166	331154	40.203	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	87924	49.633	ng	95
59) Diethylphthalate	16.28	149	377360	40.013	ng	96
60) 4-Chlorophenyl-phenylether	16.53	204	165334	41.031	ng	91
61) 4-Nitroaniline	16.56	138	72438	38.590	ng	92
62) Azobenzene	16.82	77	350922	41.593	ng	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	46018	58.940	ng	92
65) n-Nitrosodiphenylamine	16.74	169	305190	38.232	ng	99
66) 4-Bromophenyl-phenylether	17.42	248	105263	40.569	ng	# 88
67) Hexachlorobenzene	17.55	284	111706	39.839	ng	94
68) Atrazine	17.66	200	109149	41.540	ng	97
69) Pentachlorophenol	17.89	266	136532	77.305	ng	98
70) Phenanthrene	18.29	178	545288	39.832	ng	99
71) Anthracene	18.39	178	550599	40.061	ng	99
72) Carbazole	18.64	167	504464	37.238	ng	98
73) Di-n-butylphthalate	19.13	149	639209	38.462	ng	99
74) Fluoranthene	20.24	202	612623	40.512	ng	95
76) Benzidine	20.40	184	75523	9.276	ng	100
77) Pyrene	20.60	202	620049	36.812	ng	98
79) Butylbenzylphthalate	21.46	149	300892	40.291	ng	94
80) Benzo(a)anthracene	22.59	228	606193	39.579	ng	100
81) 3,3'-Dichlorobenzidine	22.47	252	75738	13.352	ng	# 98
82) Chrysene	22.66	228	572136	39.105	ng	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	428811	38.792	ng	95
84) Di-n-octyl phthalate	23.82	149	742016	44.038	ng	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	639981	37.507	ng	# 95
87) Benzo(b)fluoranthene	25.18	252	612409	39.776	ng	97
88) Benzo(k)fluoranthene	25.27	252	608483	39.766	ng	# 98
89) Benzo(a)pyrene	26.23	252	591686	40.404	ng	# 97
90) Dibenzo(a,h)anthracene	30.90	278	513164	34.814	ng	96
91) Benzo(g,h,i)perylene	32.21	276	543682	37.416	ng	# 93

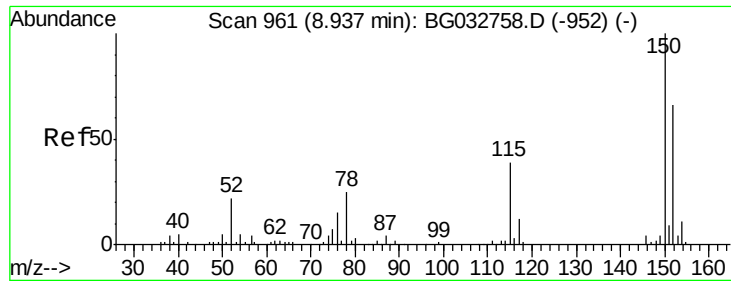
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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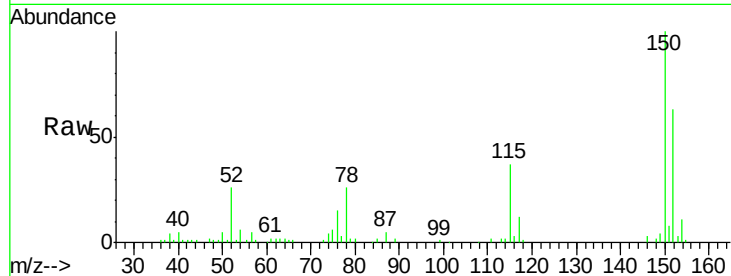


#1

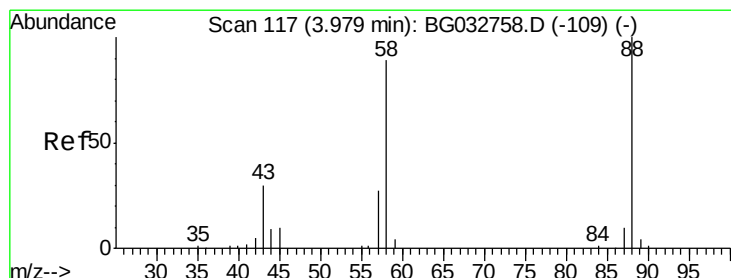
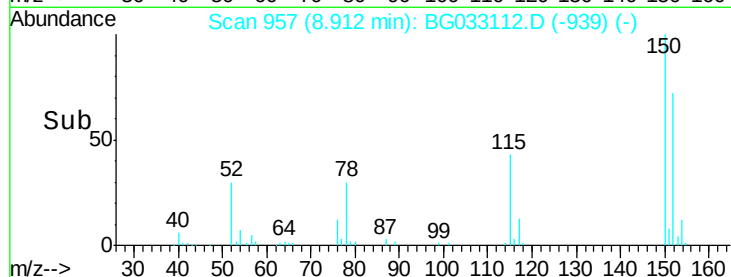
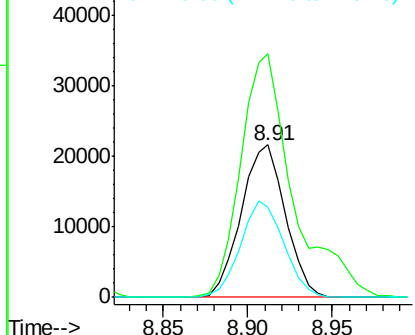
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.91 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tgt Ion:152 Resp: 39015
 Ion Ratio Lower Upper
 152 100
 150 159.9 126.6 189.8
 115 59.3 53.0 79.4



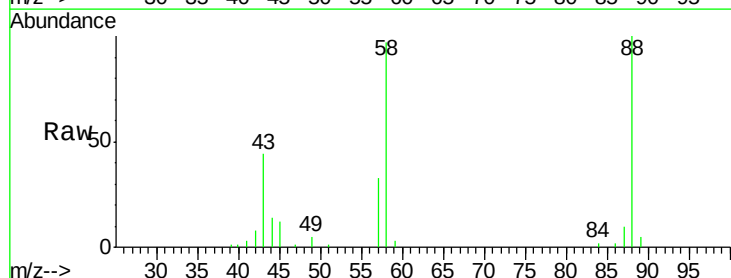
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



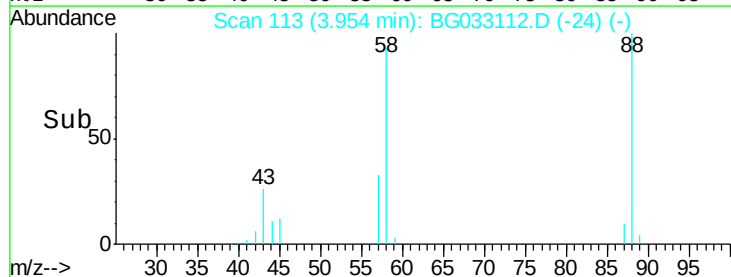
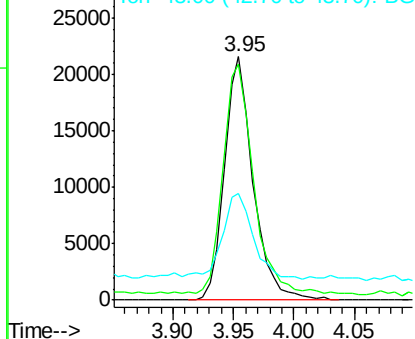
#2

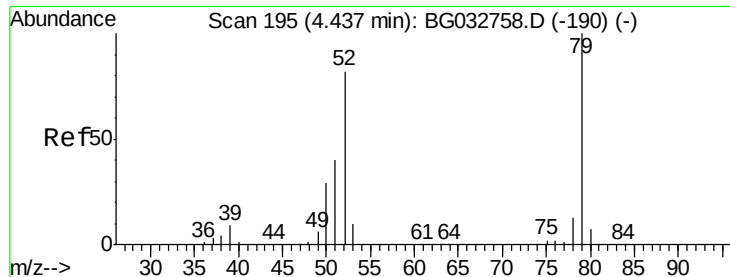
1,4-Dioxane
 Concen: 33.417 ng
 RT: 3.95 min Scan# 113
 Delta R.T. -0.01 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion: 88 Resp: 35367
 Ion Ratio Lower Upper
 88 100
 58 100.2 79.6 119.4
 43 37.0 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.387 ng

RT: 4.42 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

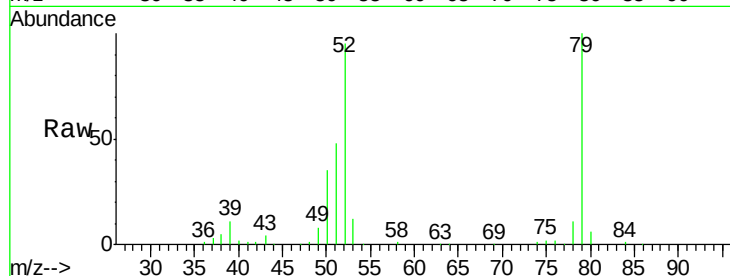
Tgt Ion: 79 Resp: 100310

Ion Ratio Lower Upper

79 100

52 94.5 69.9 104.9

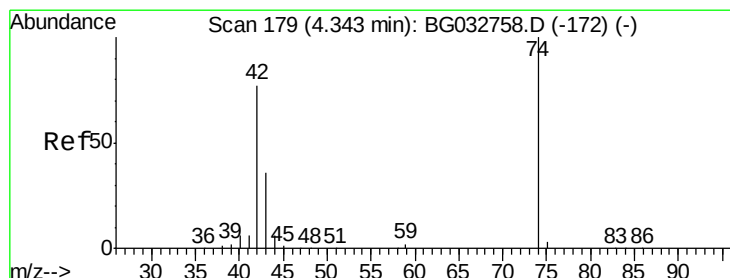
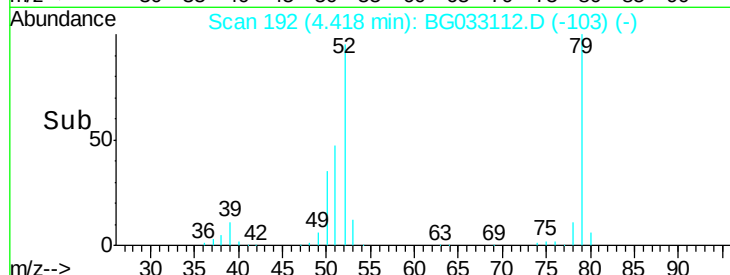
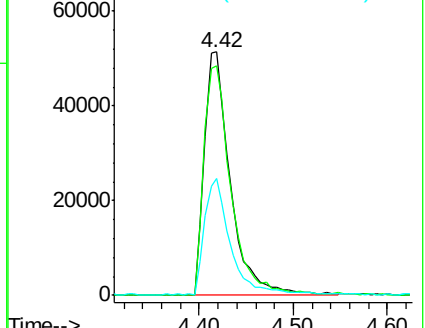
51 47.9 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 52.149 ng

RT: 4.32 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

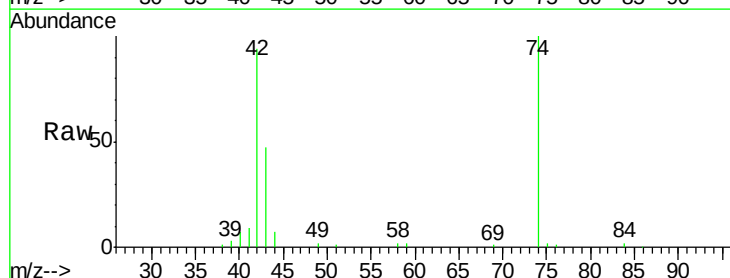
Tgt Ion: 42 Resp: 60990

Ion Ratio Lower Upper

42 100

74 106.1 102.5 153.7

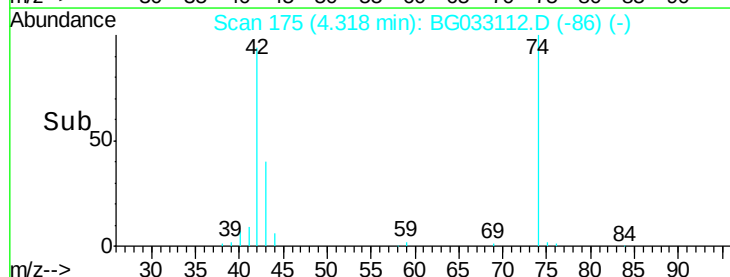
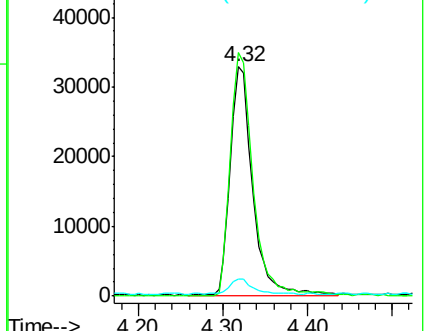
44 7.3 18.9 28.3#

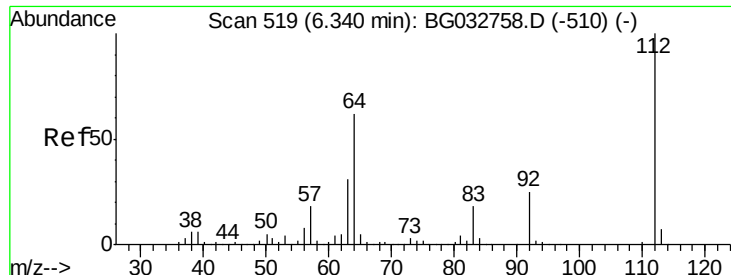


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.975 ng

RT: 6.32 min Scan# 516

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

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ClientSampleId :

PB107261BS

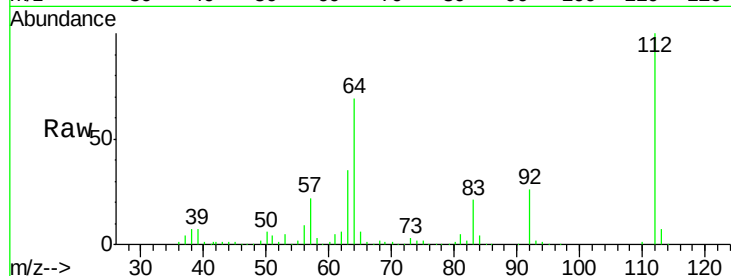
Tgt Ion: 112 Resp: 312088

Ion Ratio Lower Upper

112 100

64 69.4 56.3 84.5

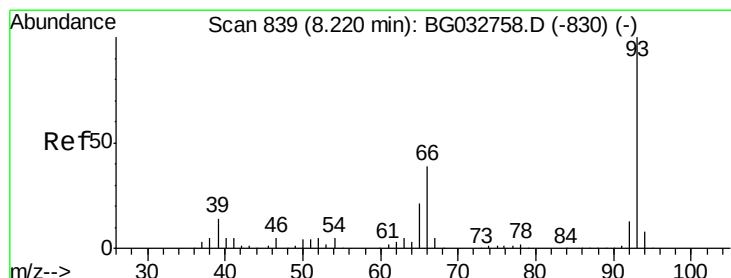
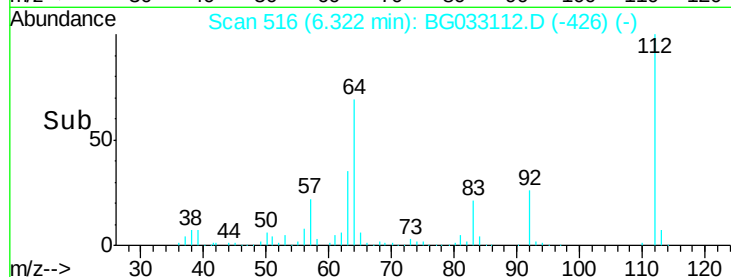
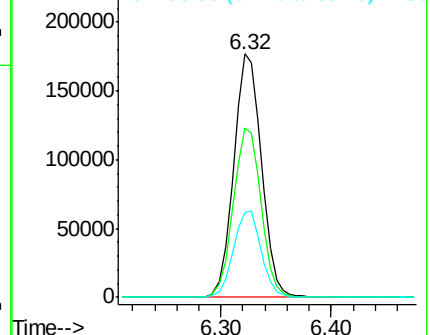
63 35.1 30.1 45.1



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: 10.538 ng

RT: 8.20 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

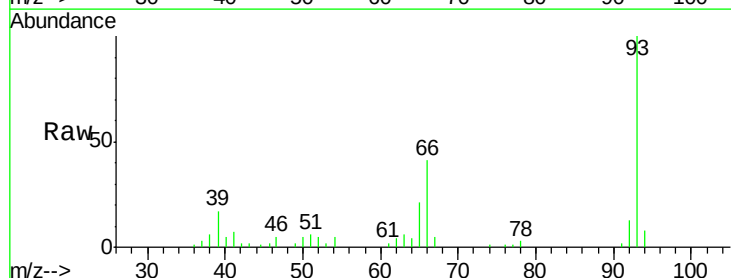
Tgt Ion: 93 Resp: 48486

Ion Ratio Lower Upper

93 100

66 41.1 33.7 50.5

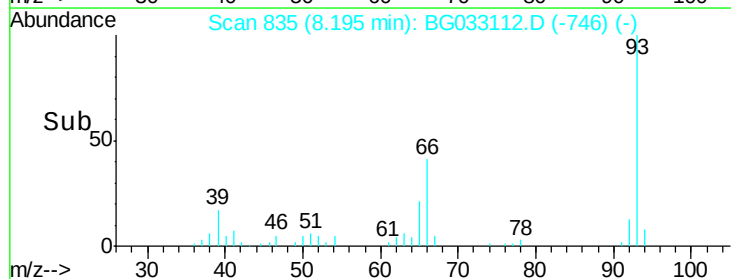
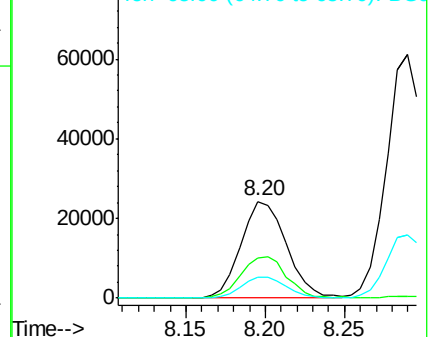
65 21.2 16.1 24.1

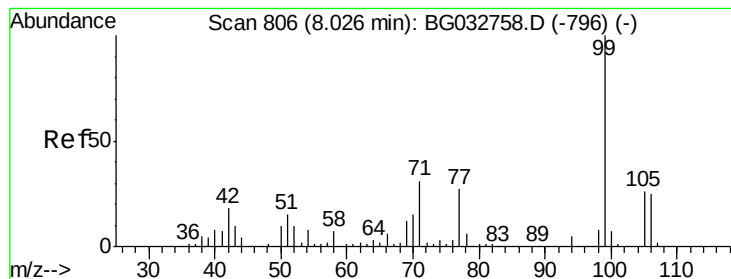


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.815 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

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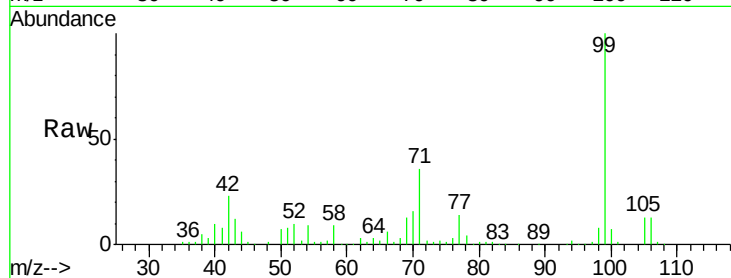
Tgt Ion: 99 Resp: 420867

Ion Ratio Lower Upper

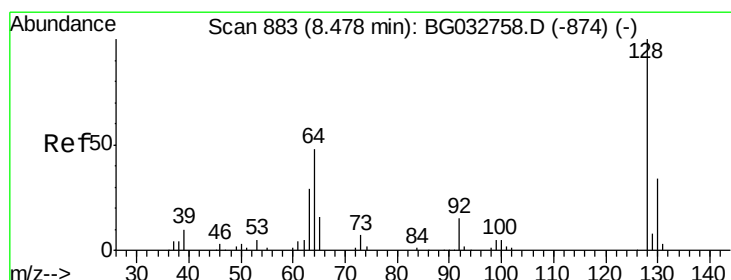
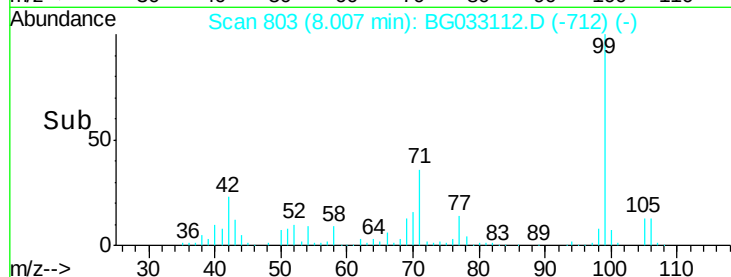
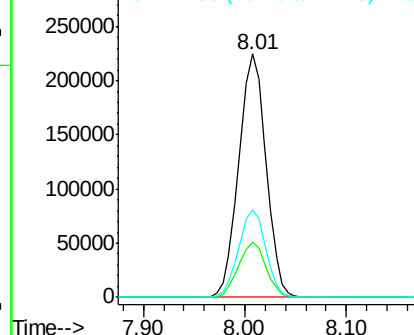
99 100

42 22.7 14.1 21.1#

71 35.7 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: 43.020 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

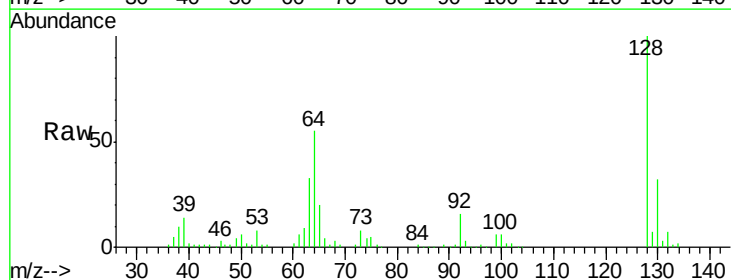
Tgt Ion: 128 Resp: 114831

Ion Ratio Lower Upper

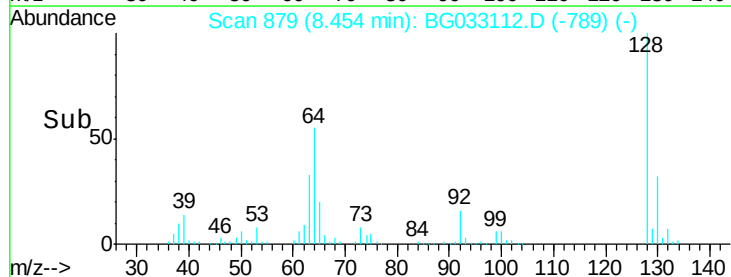
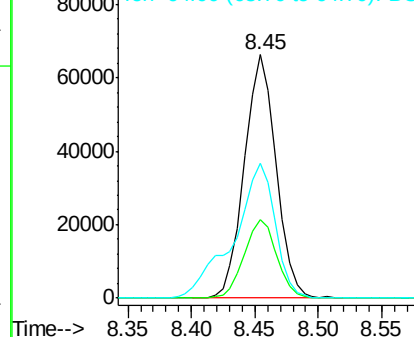
128 100

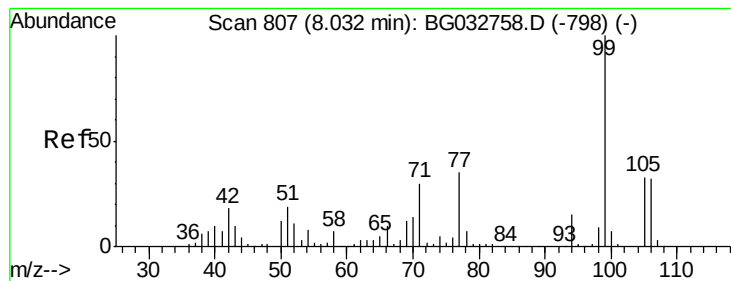
130 32.5 14.0 54.0

64 55.3 37.7 77.7



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





#9

Benzaldehyde

Concen: 30.006 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

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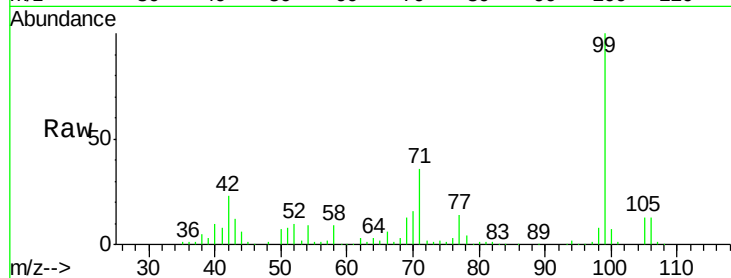
Tgt Ion: 77 Resp: 58784

Ion Ratio Lower Upper

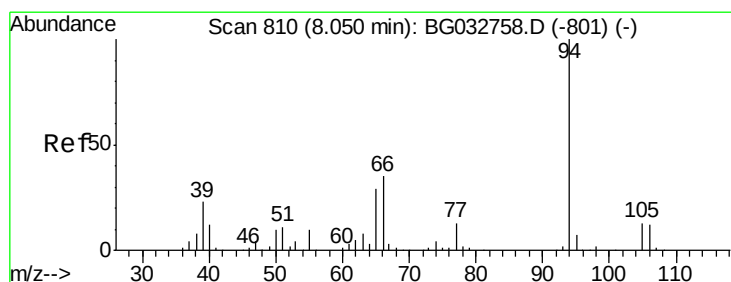
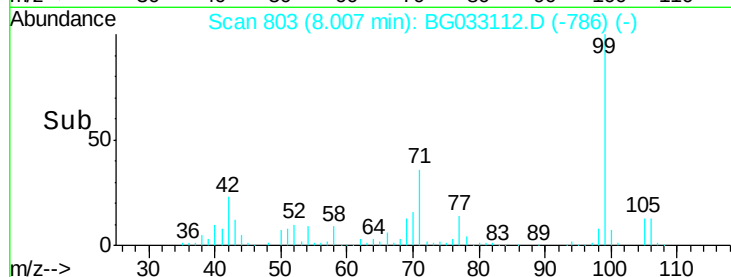
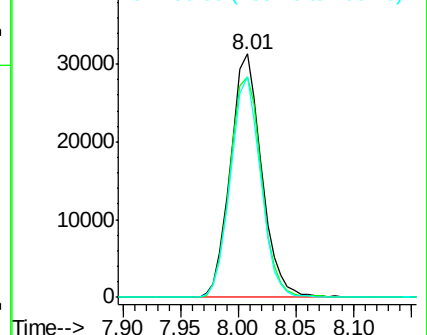
77 100

105 90.8 71.3 111.3

106 90.7 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: 44.623 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

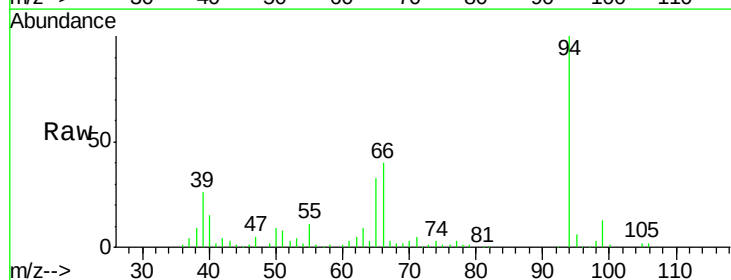
Tgt Ion: 94 Resp: 152904

Ion Ratio Lower Upper

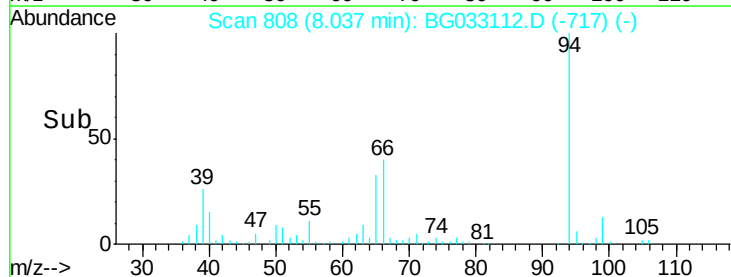
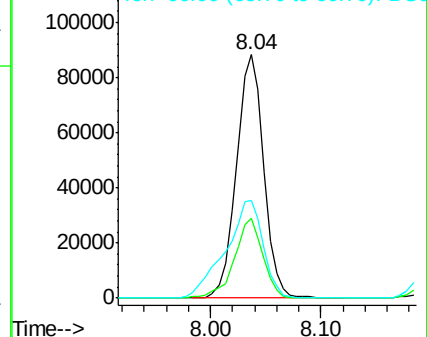
94 100

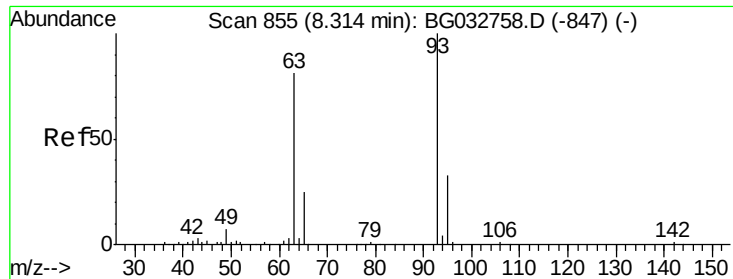
65 33.0 11.9 51.9

66 40.3 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

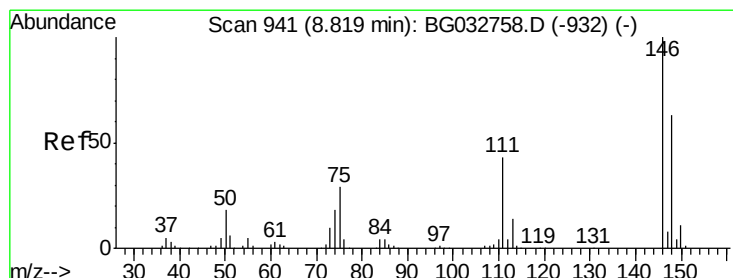
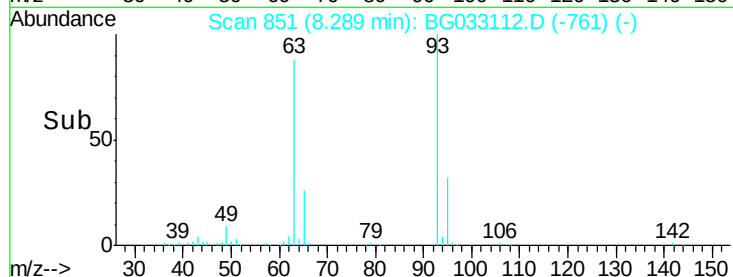
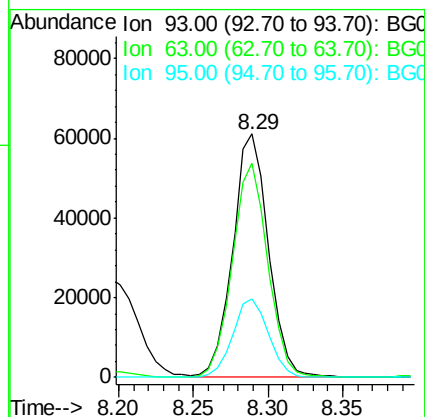
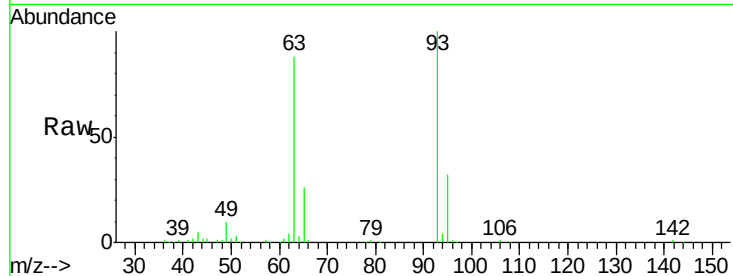




#11
bis(2-Chloroethyl)ether
Concen: 36.360 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

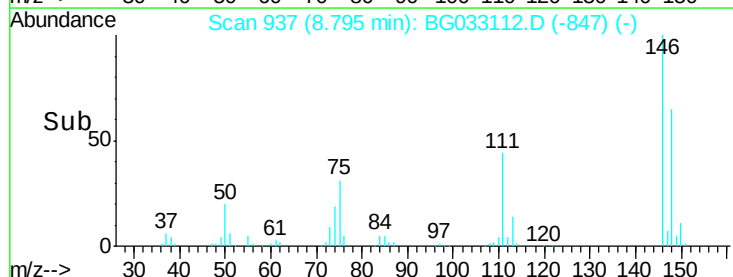
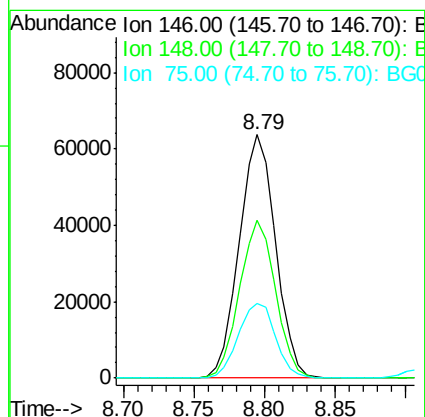
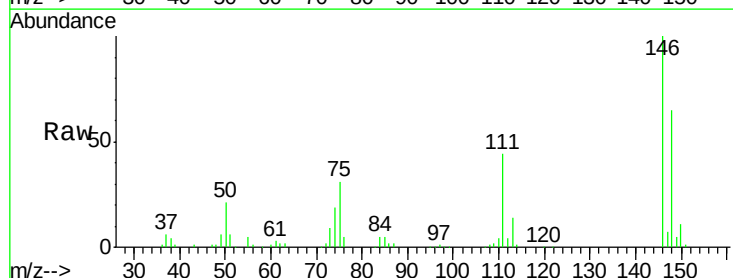
Instrument :
BNA_G
ClientSampleId :
PB107261BS

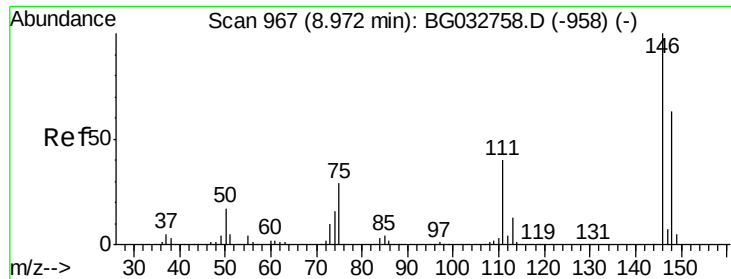
Tgt Ion: 93 Resp: 101876
Ion Ratio Lower Upper
93 100
63 87.8 67.1 107.1
95 32.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.722 ng
RT: 8.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion: 146 Resp: 114807
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
75 30.9 26.6 39.8

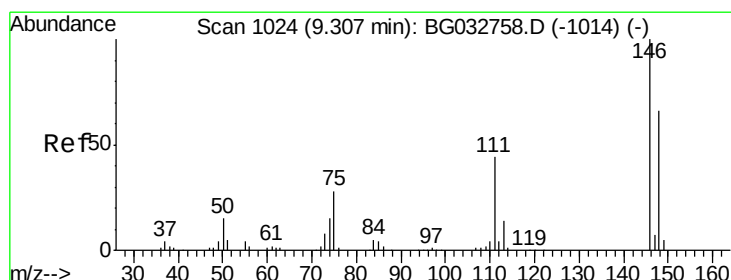
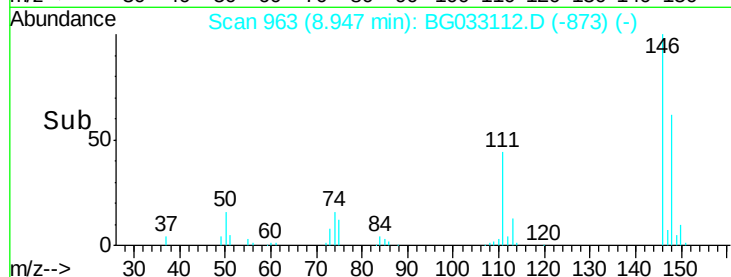
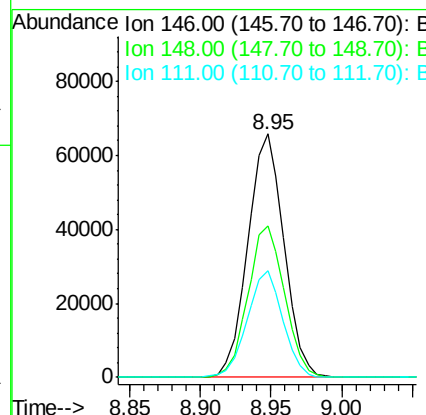
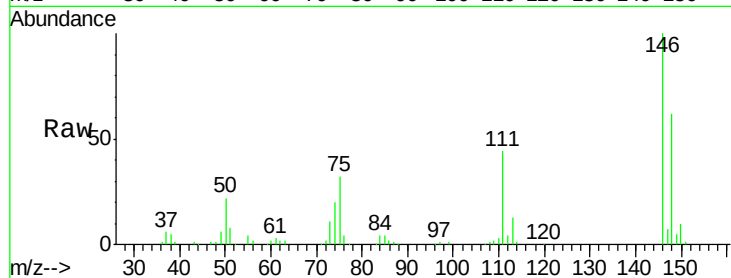




#13
 1,4-Dichlorobenzene
 Concen: 37.422 ng
 RT: 8.95 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

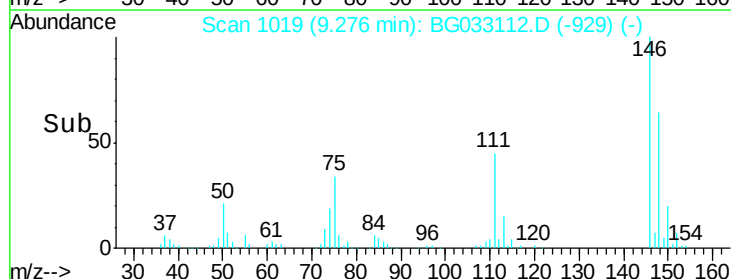
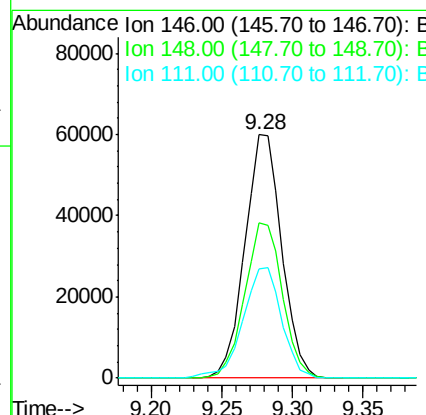
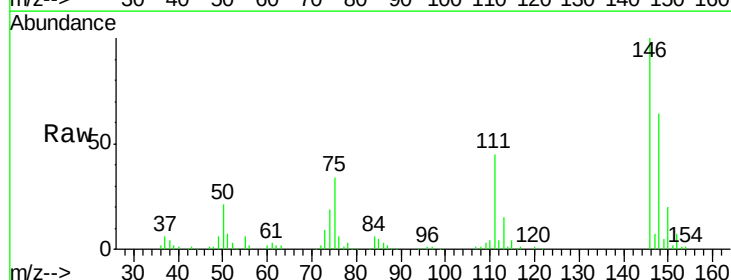
Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

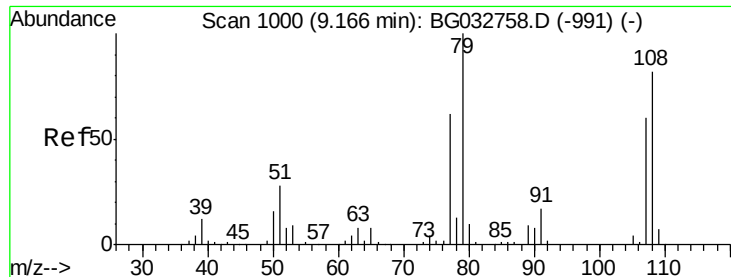
Tgt Ion:146 Resp: 117767
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.7 80.5
 111 43.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 36.301 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion:146 Resp: 109470
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.3 73.9
 111 45.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 42.063 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

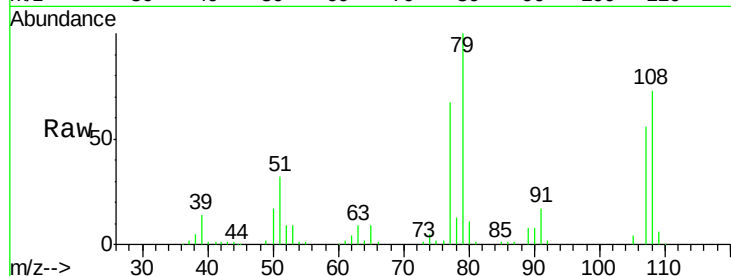
Tgt Ion: 79 Resp: 105111

Ion Ratio Lower Upper

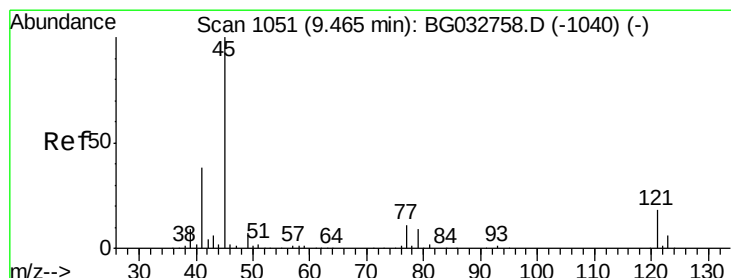
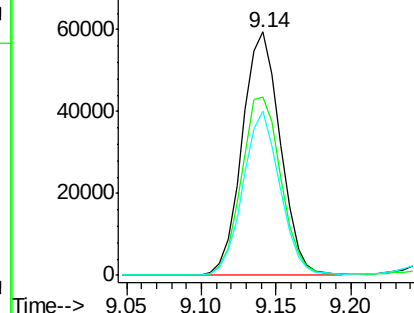
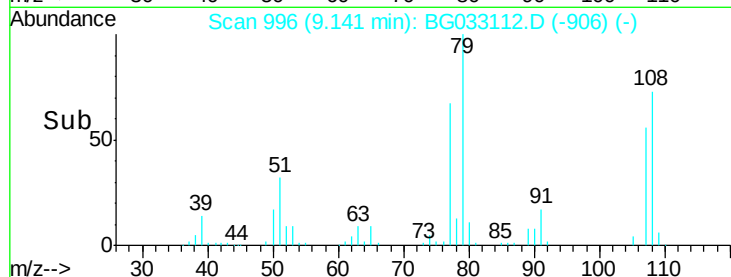
79 100

108 73.0 57.2 85.8

77 67.4 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.692 ng

RT: 9.43 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

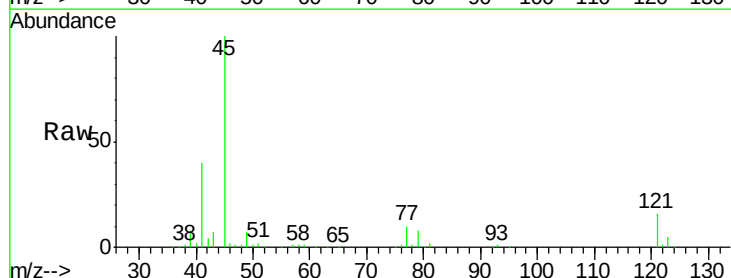
Tgt Ion: 45 Resp: 205636

Ion Ratio Lower Upper

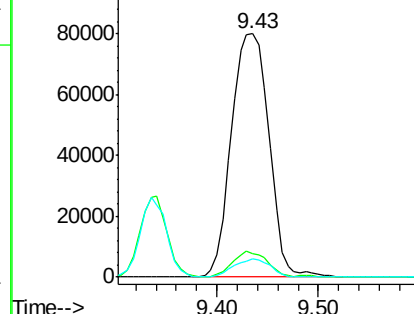
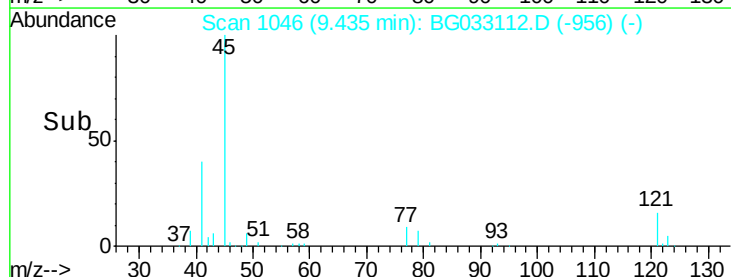
45 100

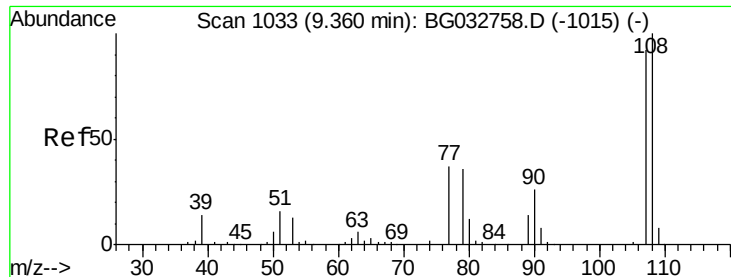
77 9.8 0.0 30.2

79 7.5 0.0 27.9



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

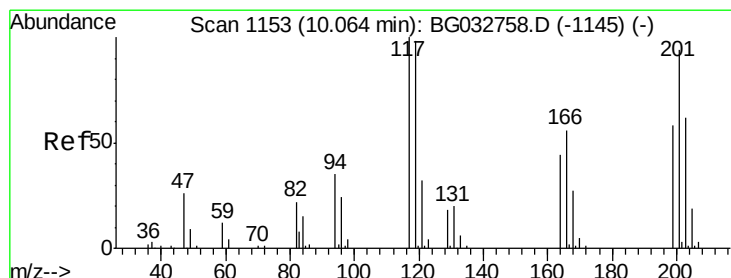
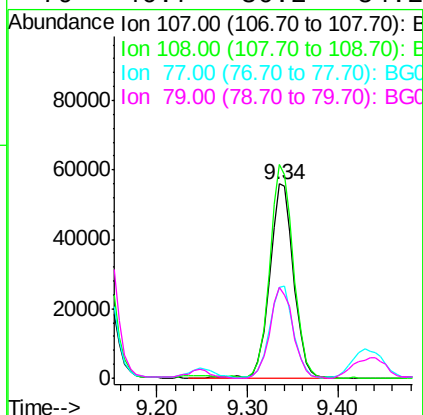
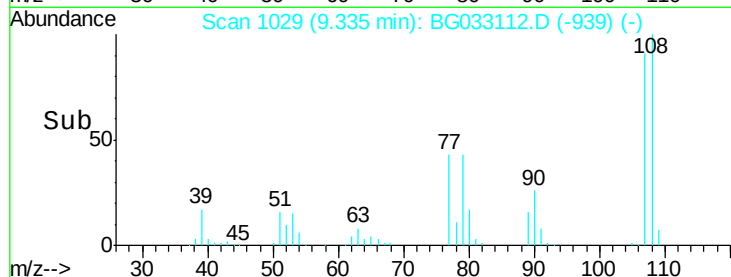
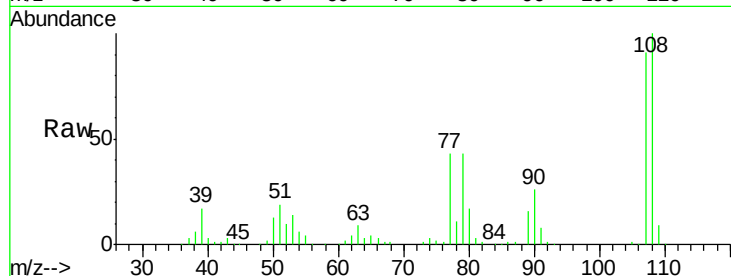




#17
2-Methylphenol
Concen: 40.899 ng
RT: 9.34 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

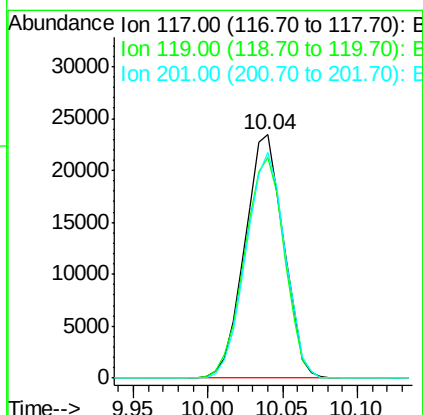
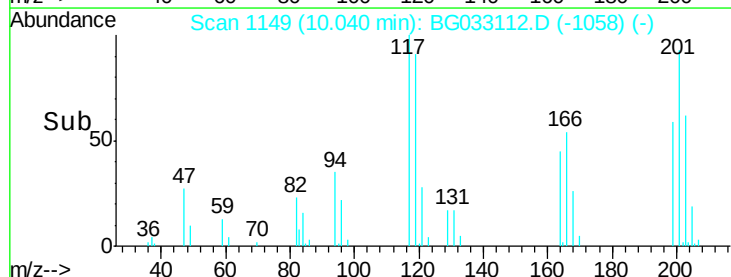
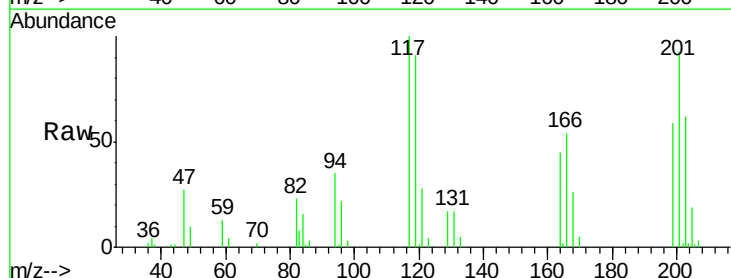
Instrument :
BNA_G
ClientSampleId :
PB107261BS

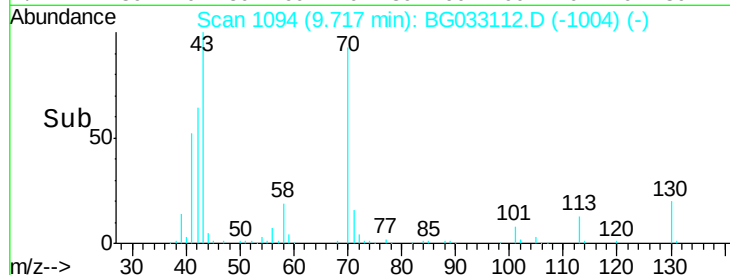
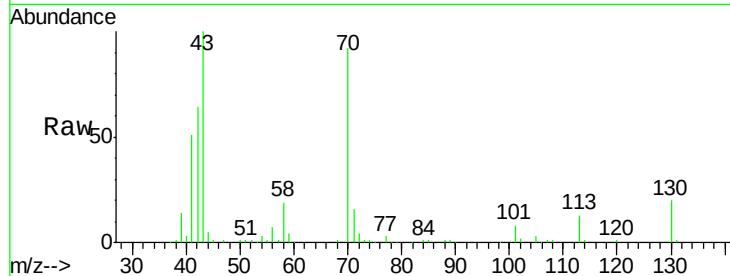
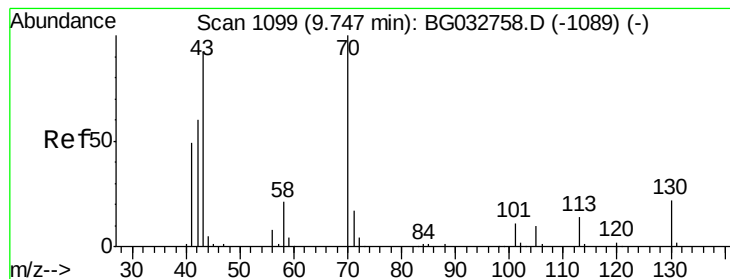
Tgt Ion:107 Resp: 103340
Ion Ratio Lower Upper
107 100
108 110.0 83.9 125.9
77 47.0 37.2 55.8
79 46.7 36.2 54.2



#18
Hexachloroethane
Concen: 39.316 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:117 Resp: 42127
Ion Ratio Lower Upper
117 100
119 90.8 76.7 115.1
201 92.8 95.7 143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 37.545 ng

RT: 9.72 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

Tgt Ion: 70 Resp: 90098

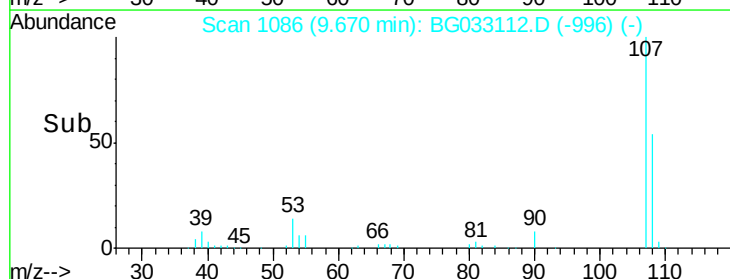
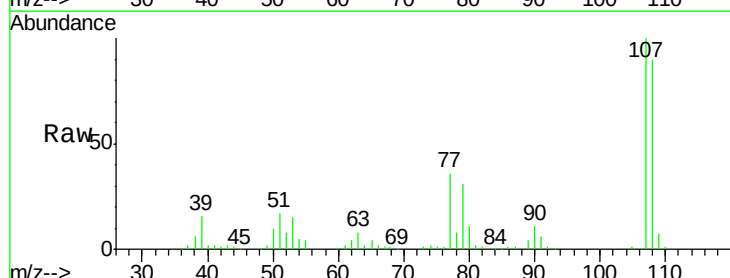
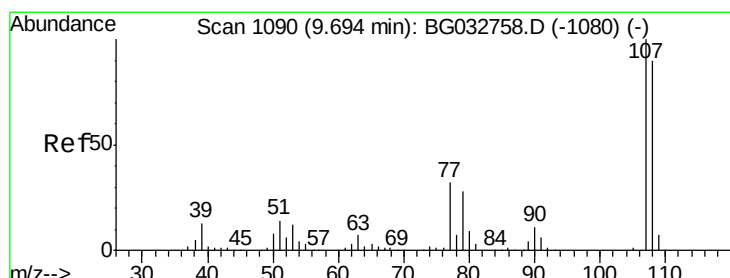
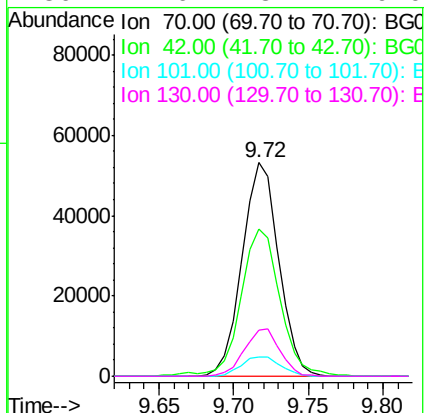
Ion Ratio Lower Upper

70 100

42 69.0 49.1 73.7

101 8.8 8.5 12.7

130 21.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 40.063 ng

RT: 9.67 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion: 107 Resp: 140750

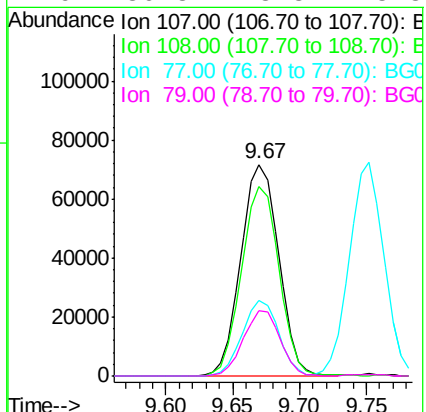
Ion Ratio Lower Upper

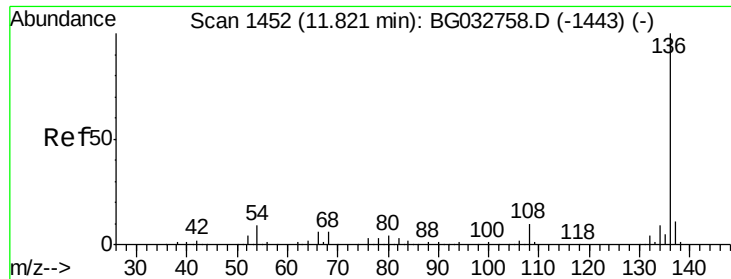
107 100

108 89.8 61.6 101.6

77 35.8 13.9 53.9

79 30.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

Tgt Ion:136 Resp: 175480

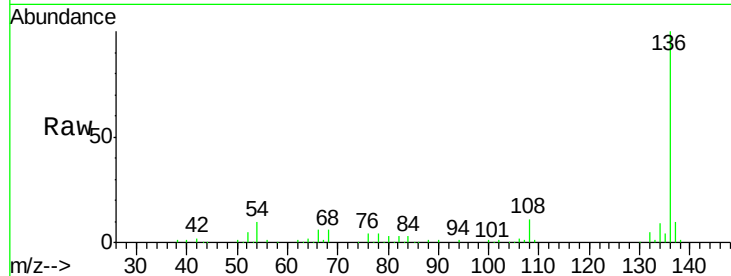
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 9.7 10.3 15.5#

68 5.9 4.5 6.7

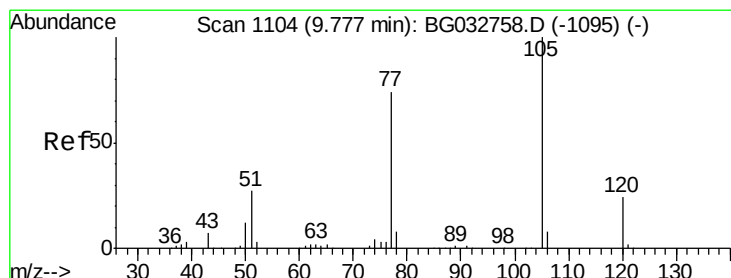
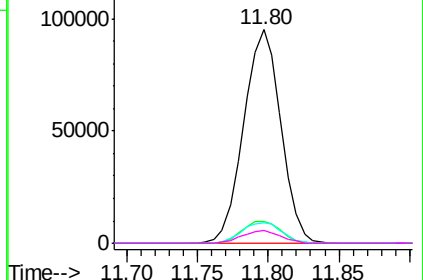
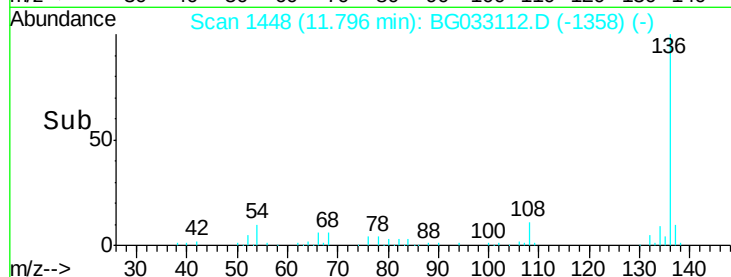


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.616 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:105 Resp: 166705

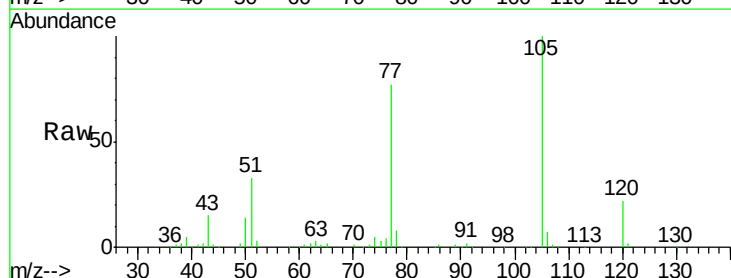
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 33.4 26.1 39.1

120 22.1 17.4 26.2

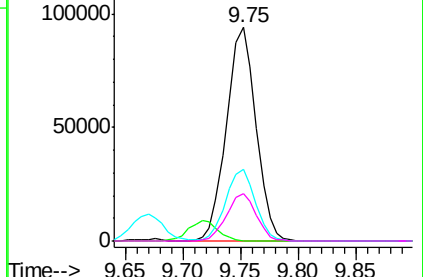
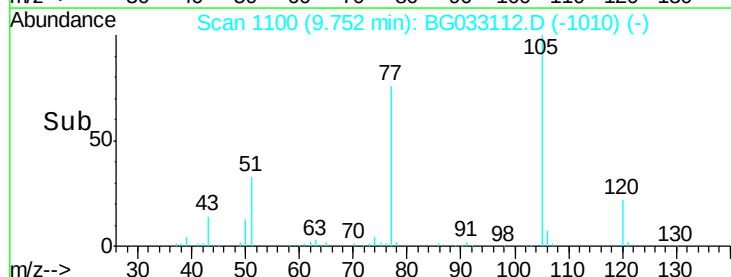


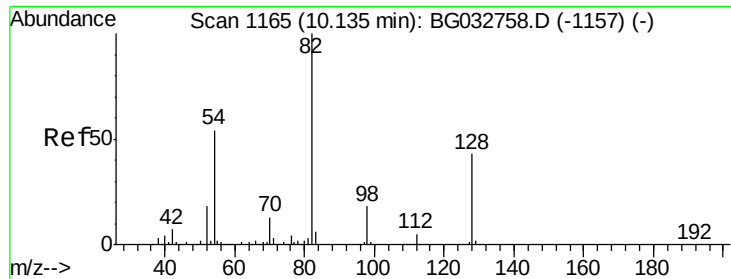
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

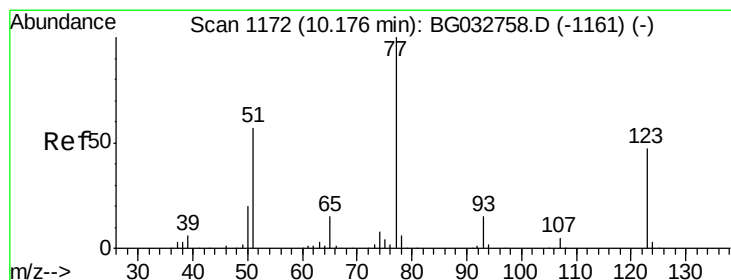
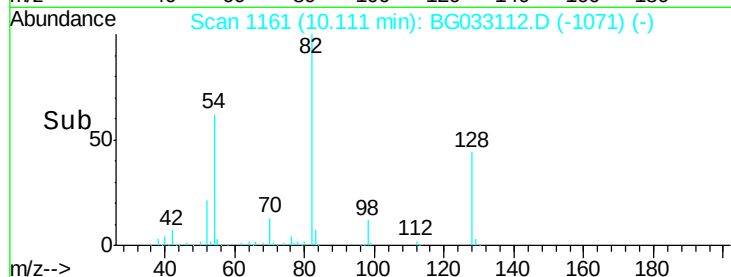
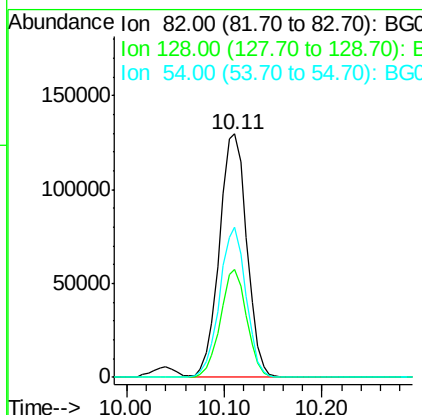
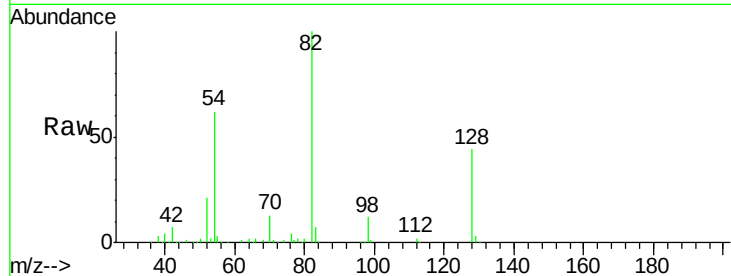




#23
 Nitrobenzene-d5
 Concen: 98.111 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

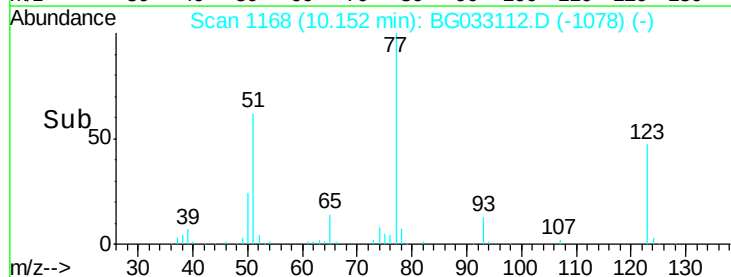
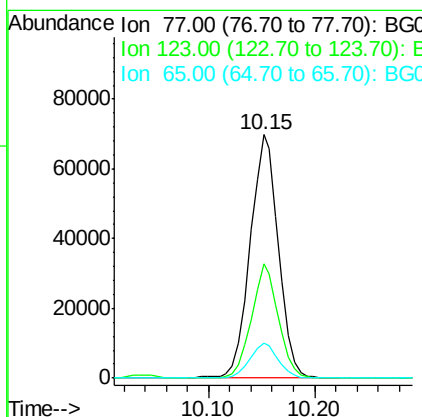
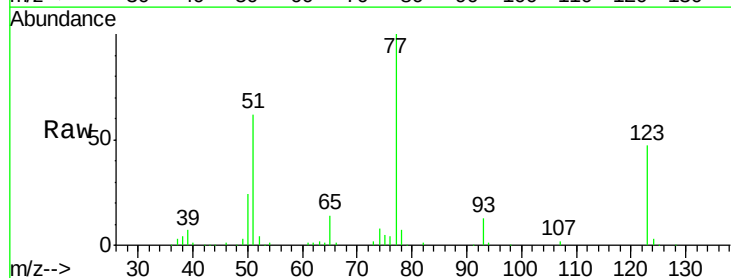
Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

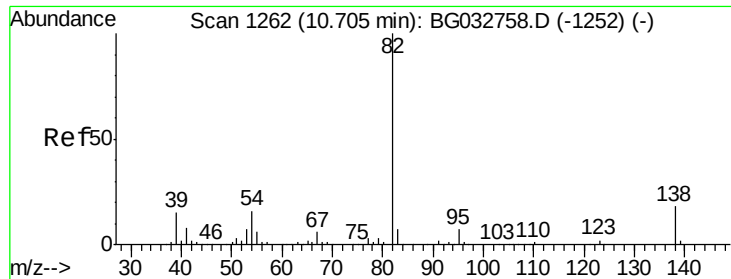
Tgt Ion: 82 Resp: 252470
 Ion Ratio Lower Upper
 82 100
 128 44.2 29.7 44.5
 54 61.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 46.482 ng
 RT: 10.15 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion: 77 Resp: 129426
 Ion Ratio Lower Upper
 77 100
 123 46.8 33.0 49.6
 65 14.5 13.0 19.6





#25

Isophorone

Concen: 39.762 ng

RT: 10.67 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

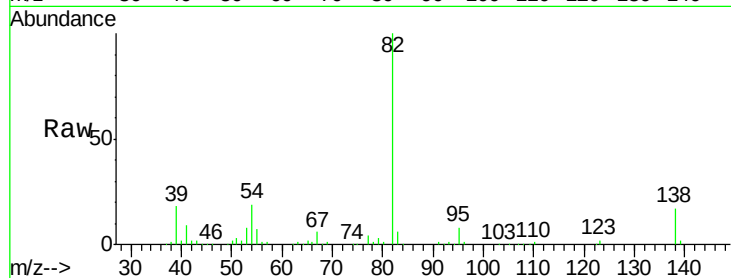
Tgt Ion: 82 Resp: 244904

Ion Ratio Lower Upper

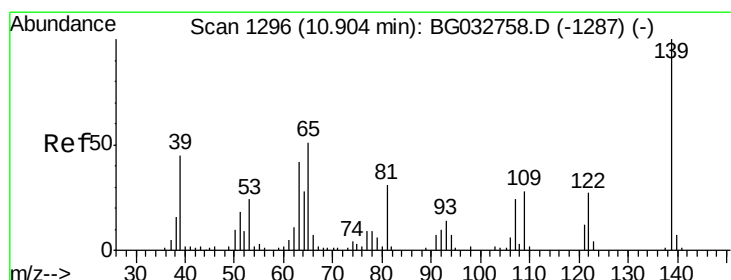
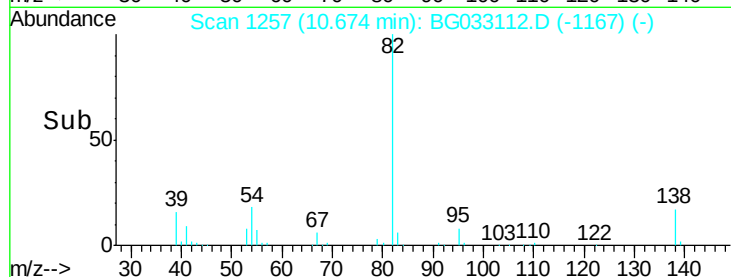
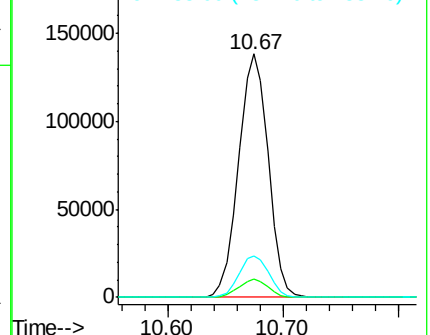
82 100

95 7.5 6.2 9.2

138 17.2 12.1 18.1



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



#26

2-Nitrophenol

Concen: 56.358 ng

RT: 10.88 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

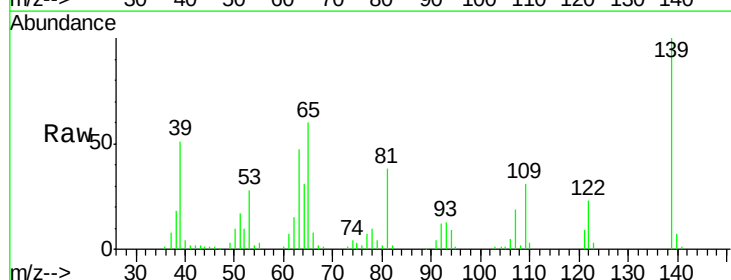
Tgt Ion: 139 Resp: 59198

Ion Ratio Lower Upper

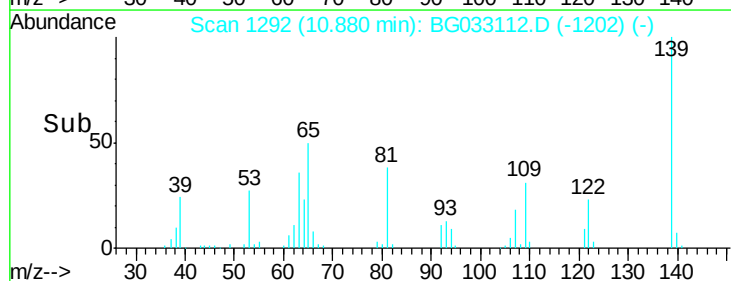
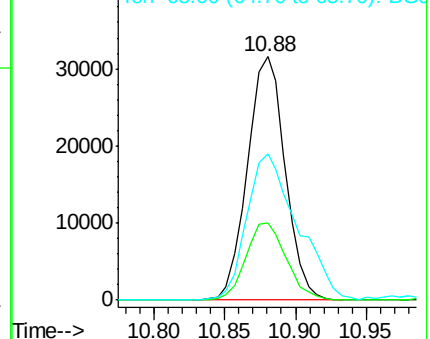
139 100

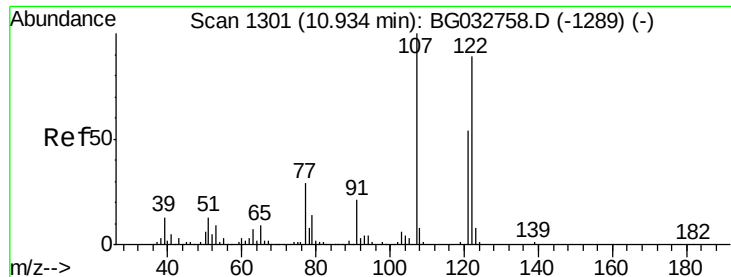
109 31.5 24.2 36.2

65 60.0 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

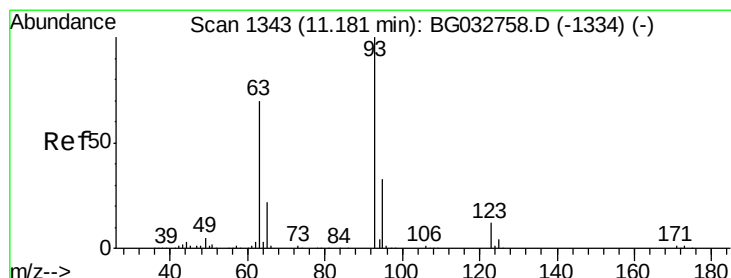
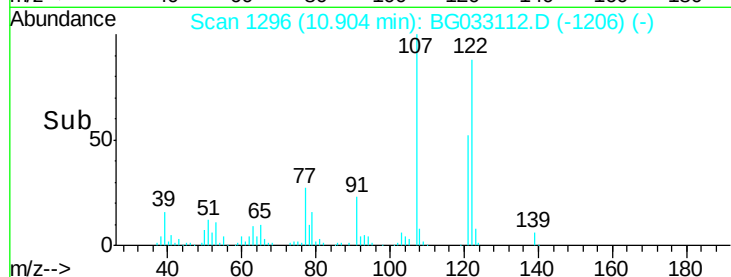
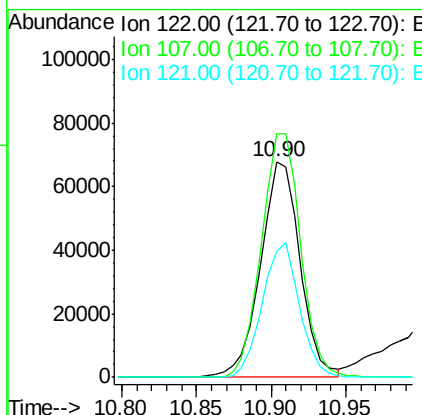
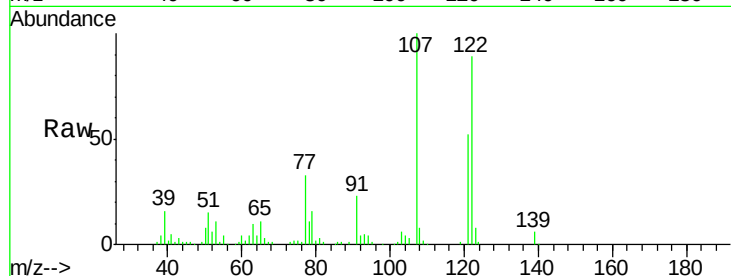




#27
 2,4-Dimethylphenol
 Concen: 46.595 ng
 RT: 10.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

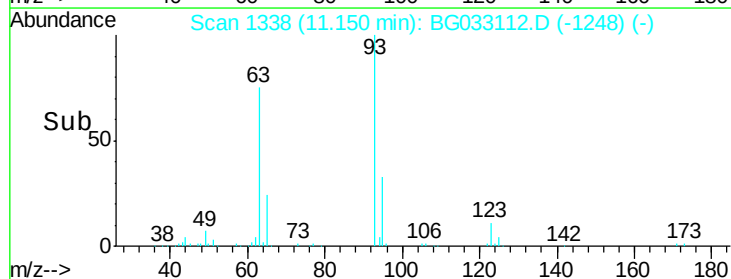
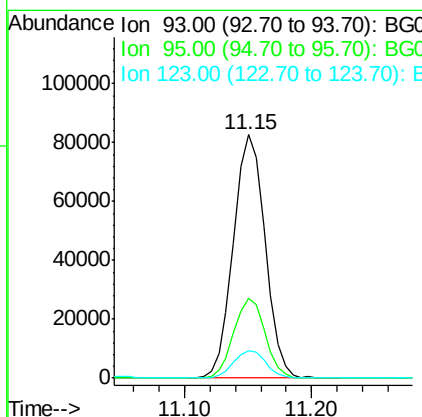
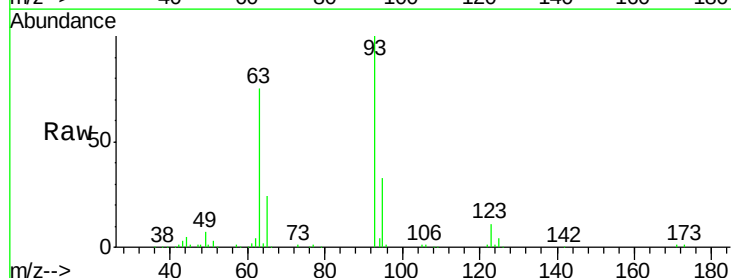
Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

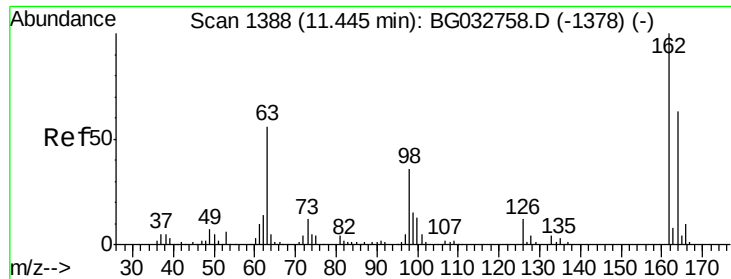
Tgt Ion: 122 Resp: 124673
 Ion Ratio Lower Upper
 122 100
 107 112.9 100.2 150.2
 121 58.3 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.951 ng
 RT: 11.15 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion: 93 Resp: 143349
 Ion Ratio Lower Upper
 93 100
 95 33.0 24.3 36.5
 123 11.1 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 46.397 ng

RT: 11.42 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

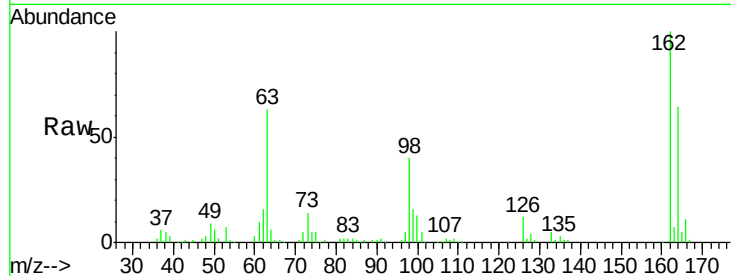
Tgt Ion:162 Resp: 112671

Ion Ratio Lower Upper

162 100

164 64.3 48.0 88.0

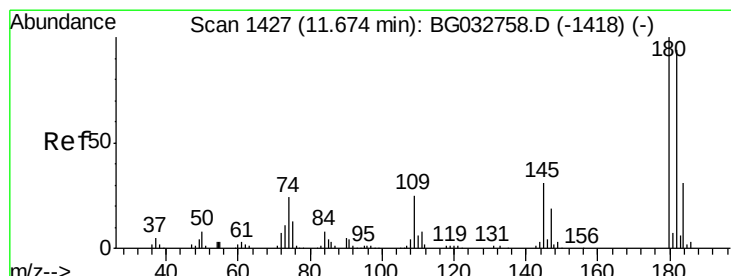
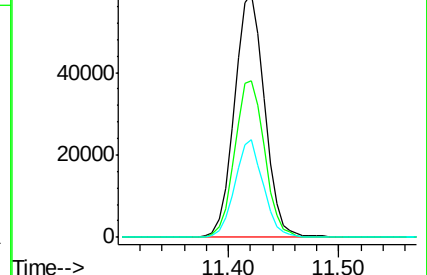
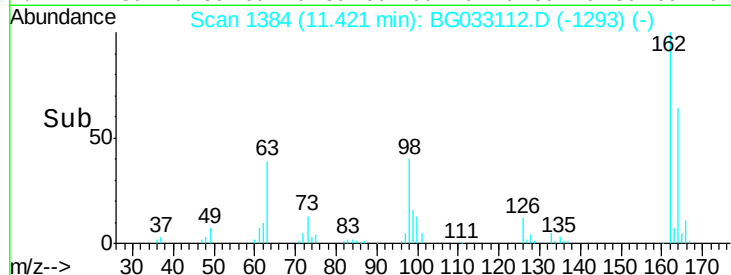
98 40.0 21.1 61.1



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: 37.099 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

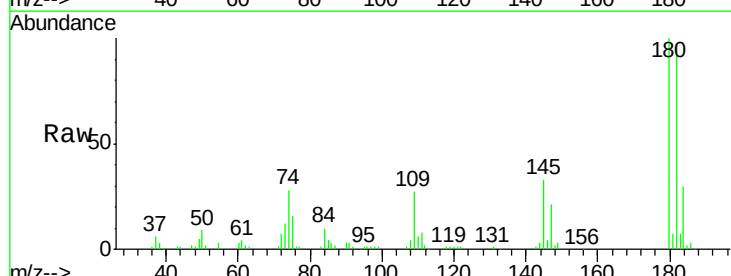
Tgt Ion:180 Resp: 105605

Ion Ratio Lower Upper

180 100

182 96.7 77.5 116.3

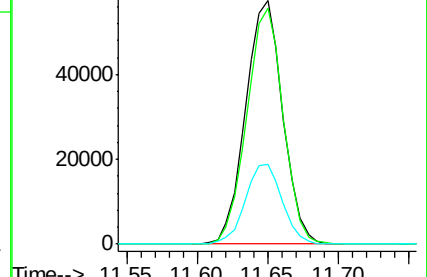
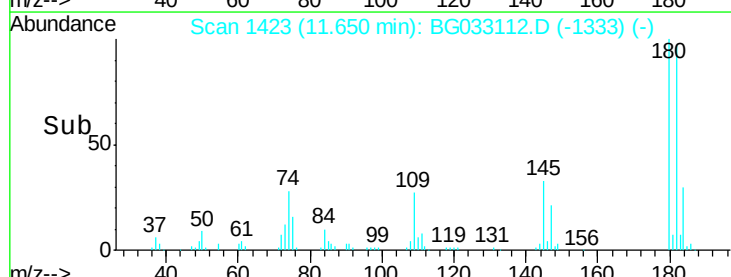
145 32.5 23.4 35.2

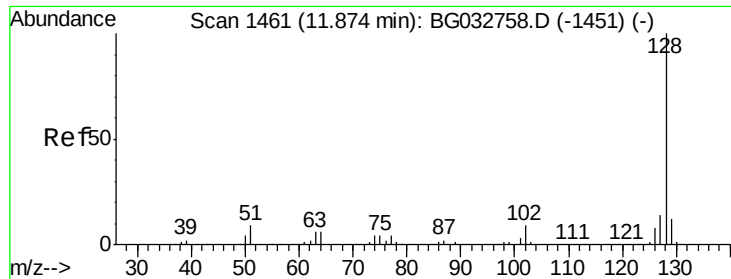


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

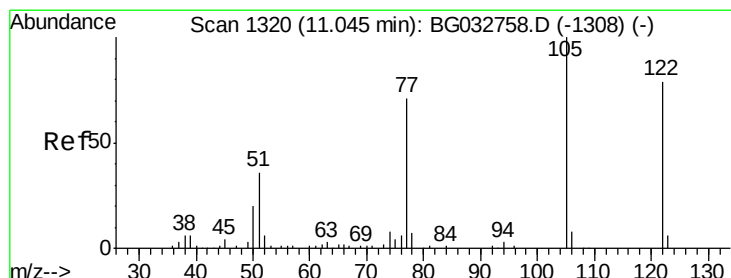
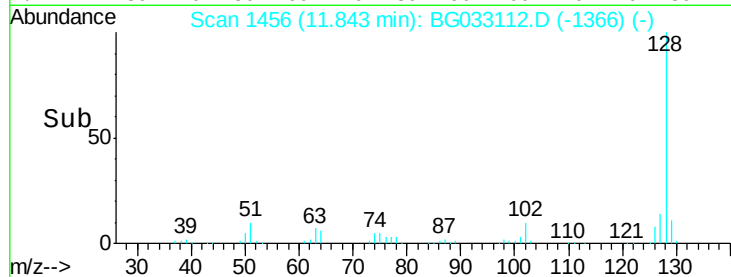
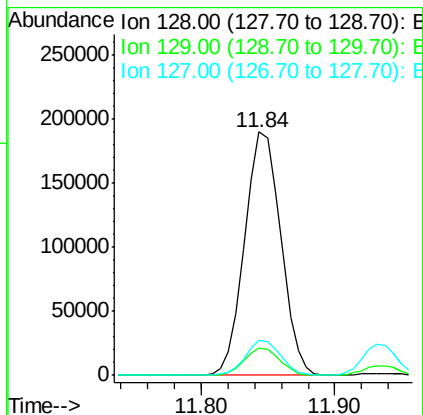
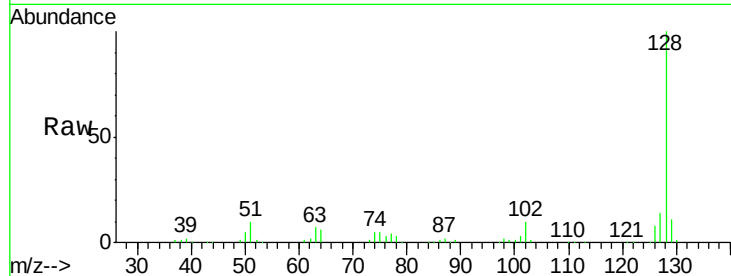




#31
Naphthalene
Concen: 38.824 ng
RT: 11.84 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

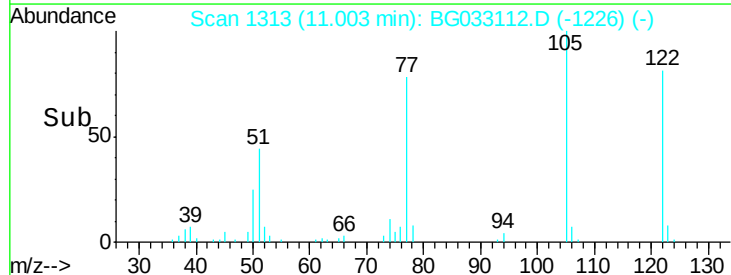
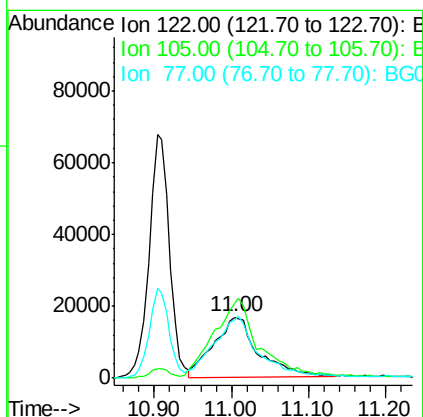
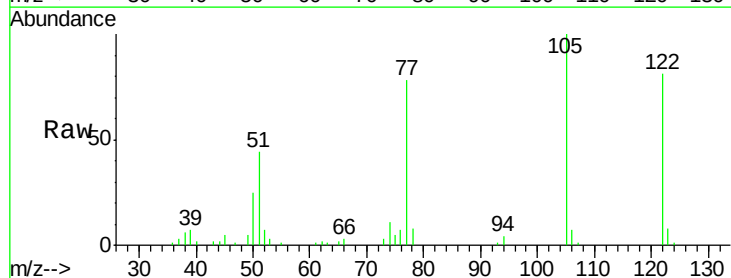
Instrument :
BNA_G
ClientSampleId :
PB107261BS

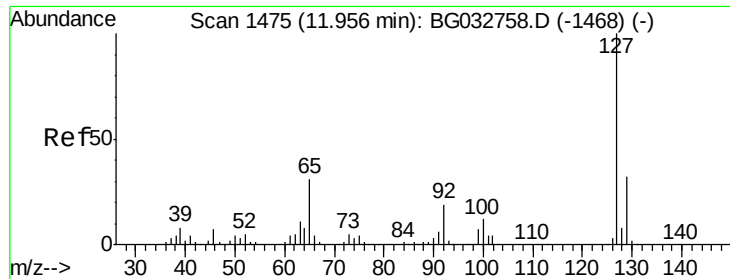
Tgt Ion:128 Resp: 355992
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 42.684 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:122 Resp: 67434
Ion Ratio Lower Upper
122 100
105 123.1 123.5 163.5#
77 96.3 85.7 125.7

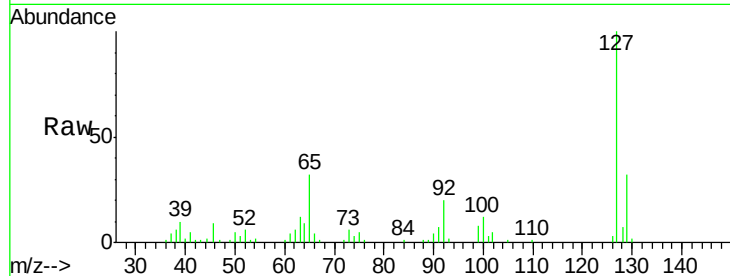




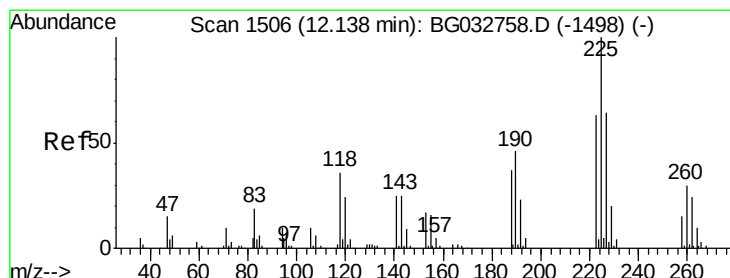
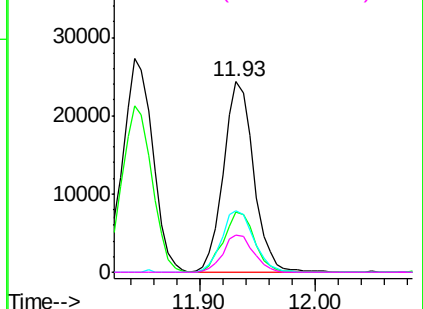
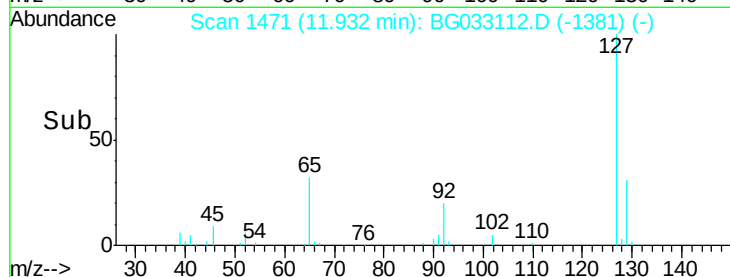
#33
4-Chloroaniline
Concen: 10.828 ng
RT: 11.93 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tgt Ion:	127	Resp:	44393
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	32.2	27.0	40.4
92	19.7	16.6	25.0

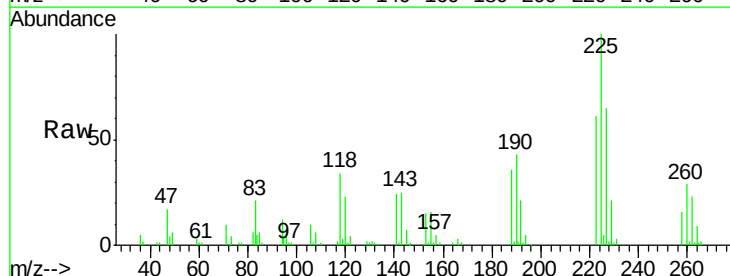


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

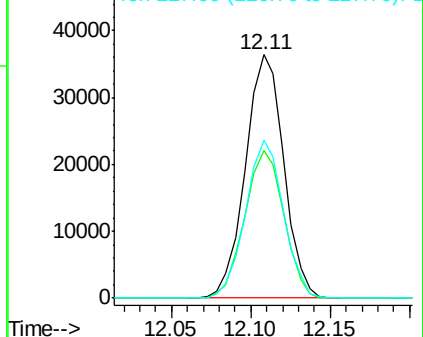
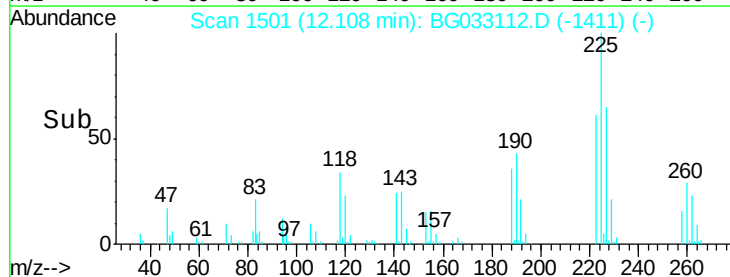


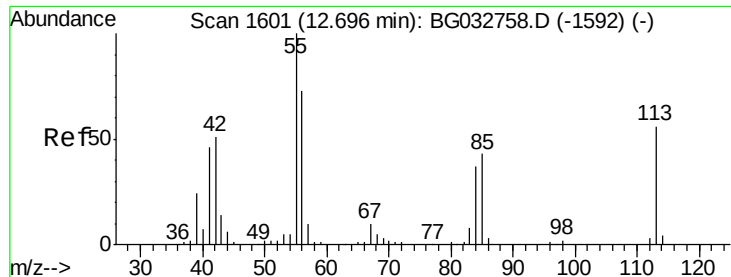
#34
Hexachlorobutadiene
Concen: 38.296 ng
RT: 12.11 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:	225	Resp:	61147
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.7	74.5
227	64.6	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: 45.429 ng

RT: 12.68 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

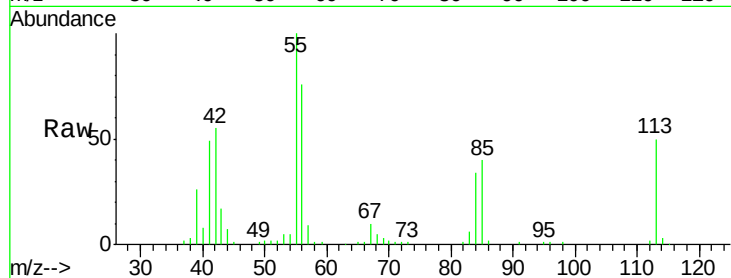
Tgt Ion:113 Resp: 44173

Ion Ratio Lower Upper

113 100

55 200.5 186.9 226.9

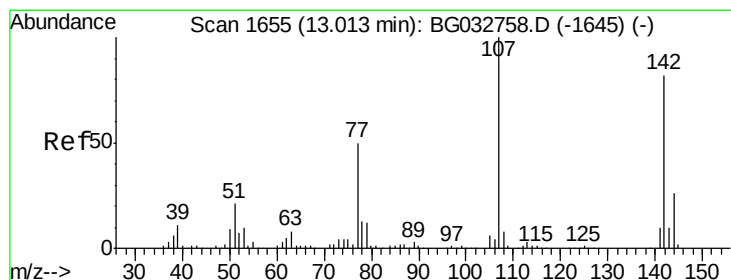
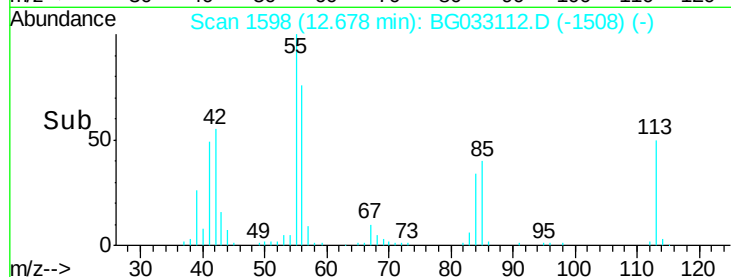
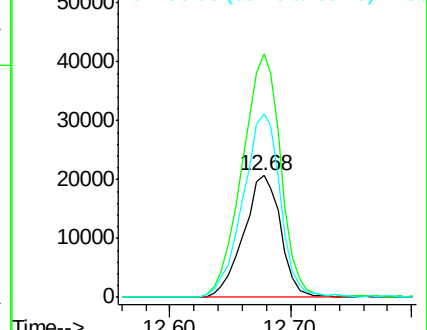
56 151.5 130.9 170.9



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: 49.641 ng

RT: 12.99 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

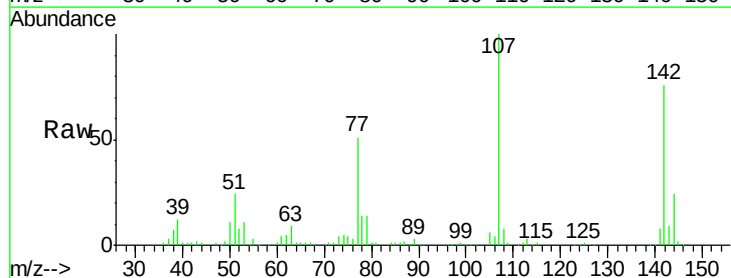
Tgt Ion:107 Resp: 140284

Ion Ratio Lower Upper

107 100

144 24.3 18.2 27.4

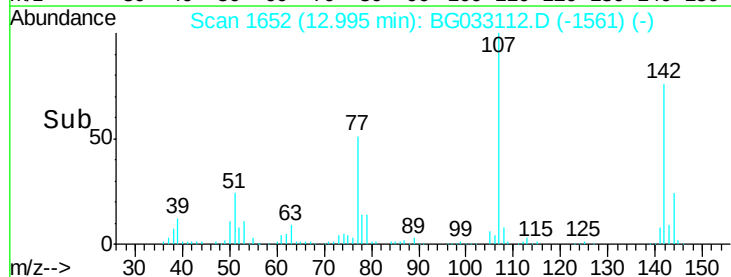
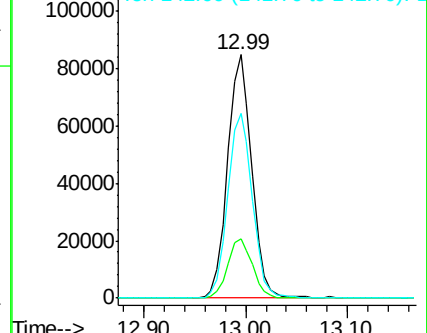
142 76.0 59.0 88.4

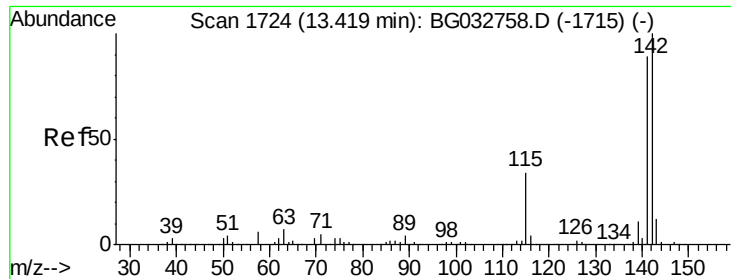


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

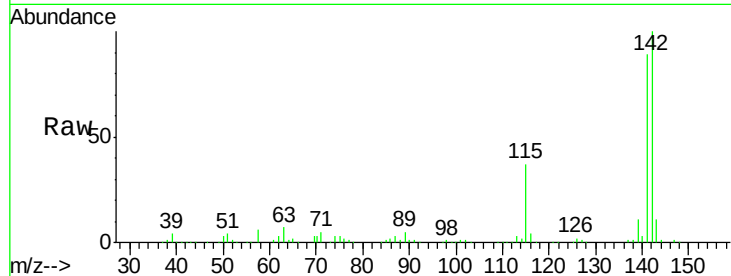




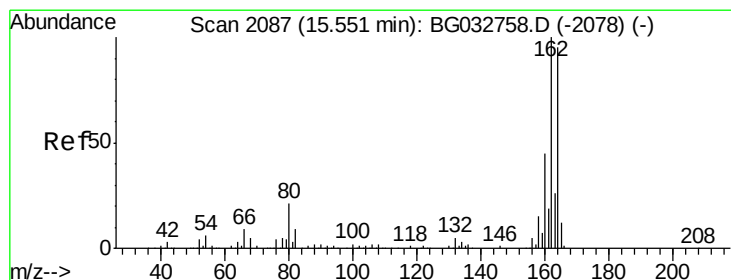
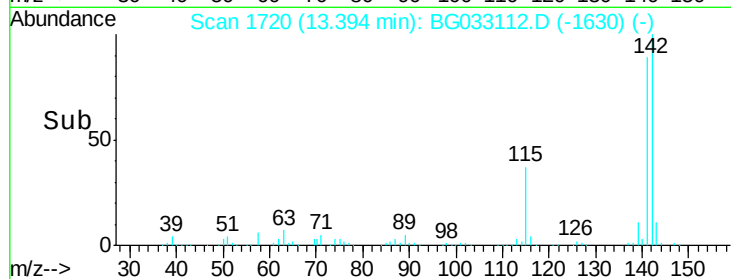
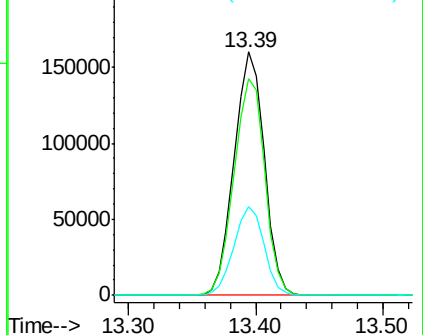
#37
2-Methylnaphthalene
Concen: 39.696 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tgt Ion:142 Resp: 263337
Ion Ratio Lower Upper
142 100
141 88.9 67.1 100.7
115 36.7 30.7 46.1

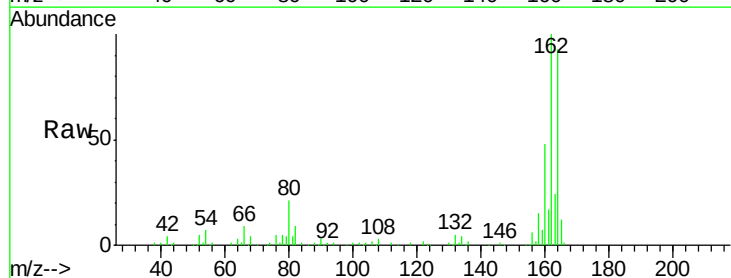


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

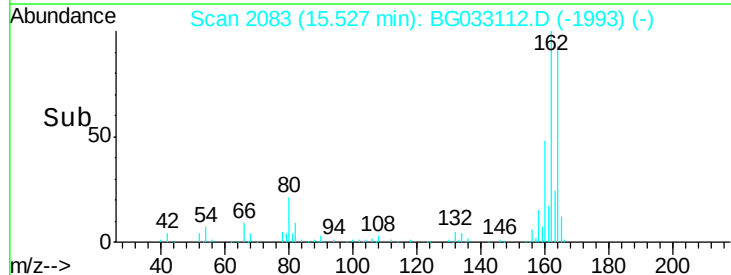
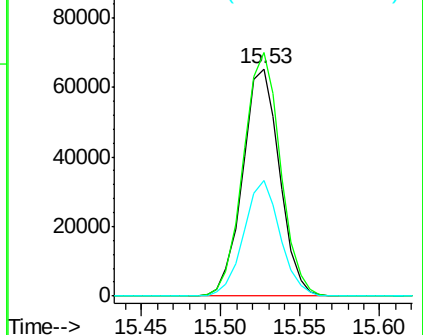


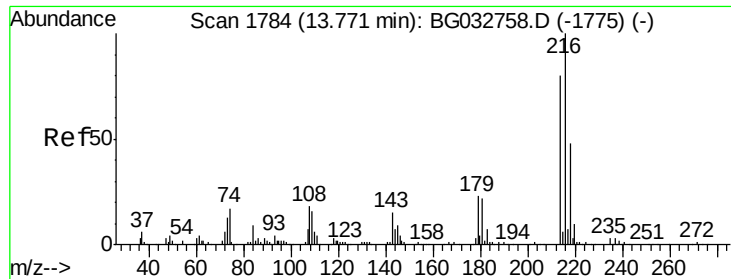
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:164 Resp: 105307
Ion Ratio Lower Upper
164 100
162 107.0 78.8 118.2
160 50.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.990 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampled :

PB107261BS

Tgt Ion:216 Resp: 118758

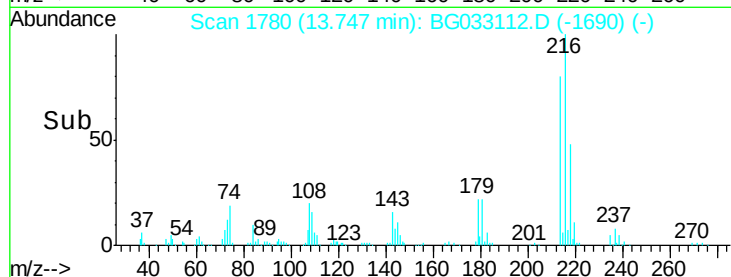
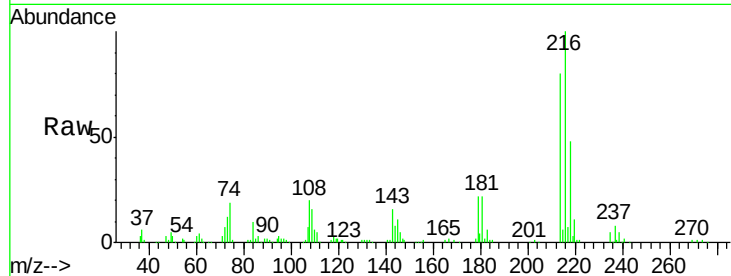
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.2 17.0 25.6

108 22.0 12.8 19.2#

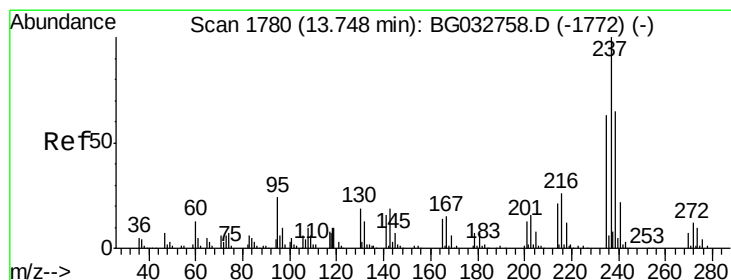
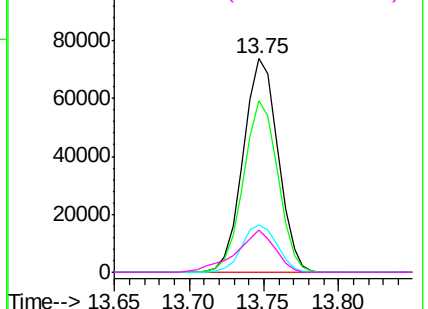


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.397 ng

RT: 13.72 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

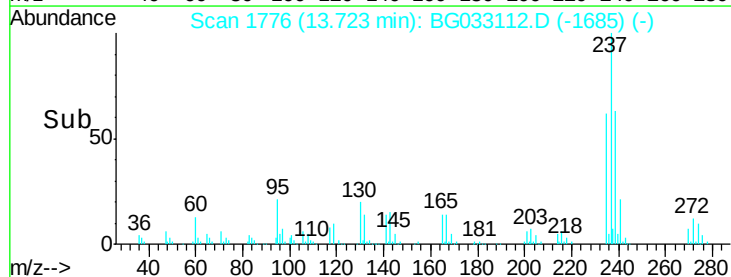
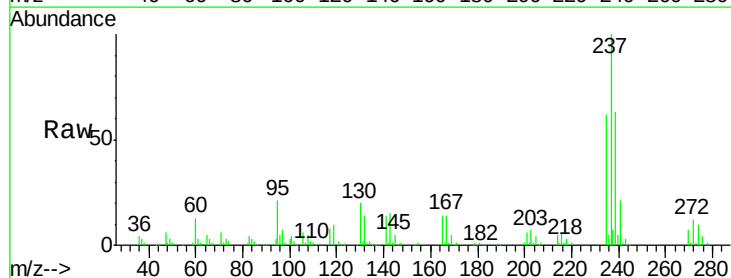
Tgt Ion:237 Resp: 144016

Ion Ratio Lower Upper

237 100

235 62.4 50.4 90.4

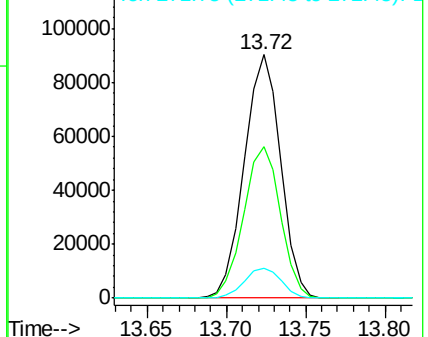
272 12.4 0.0 31.8

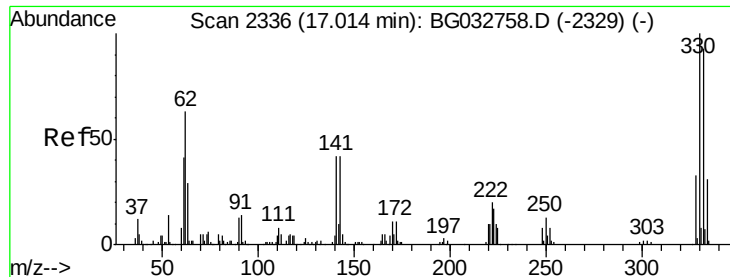


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

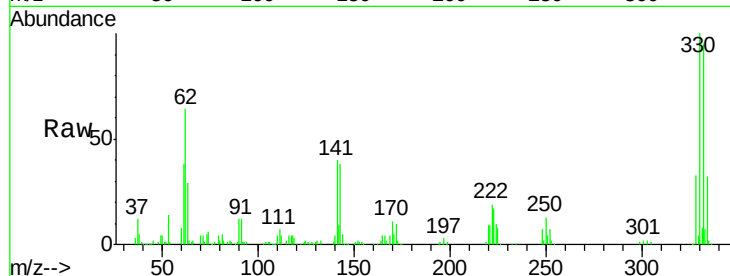




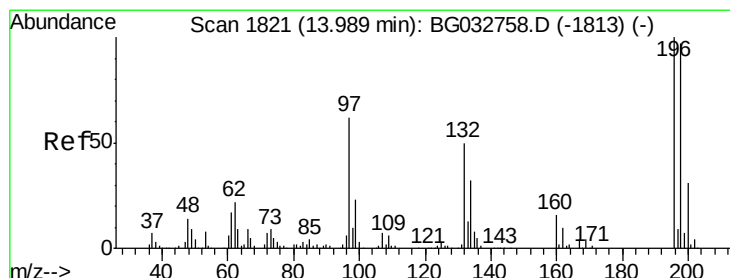
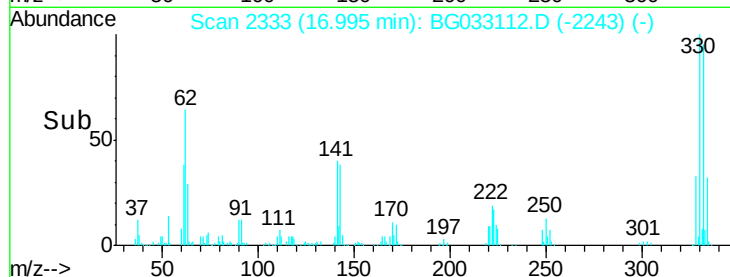
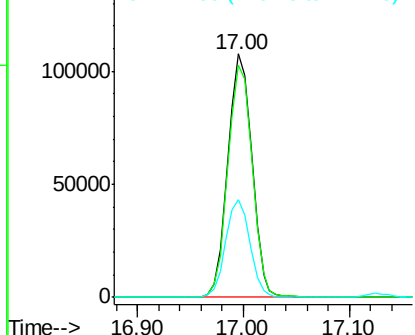
#41
 2,4,6-Tribromophenol
 Concen: 153.921 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tgt Ion:330 Resp: 170432
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 40.2 25.2 37.8#

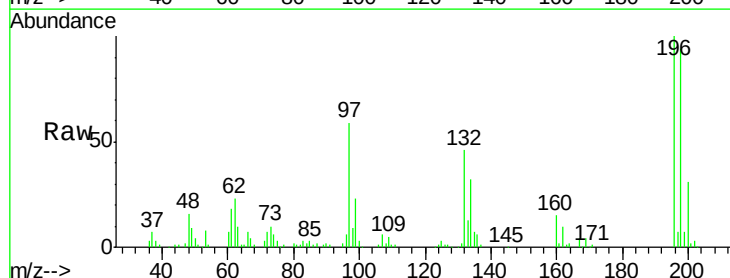


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

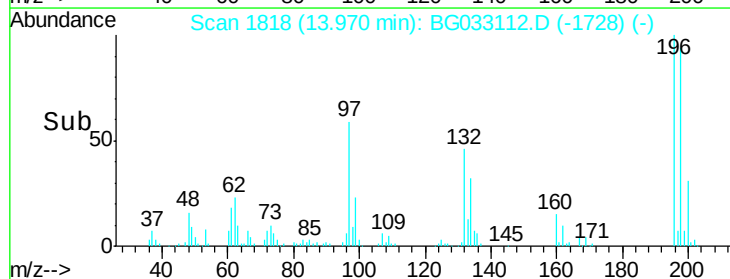
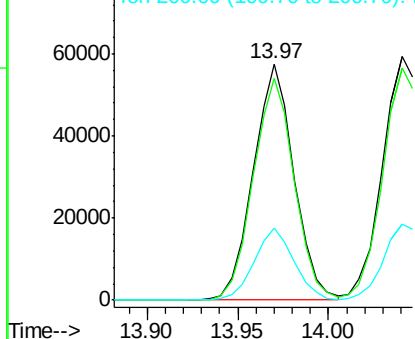


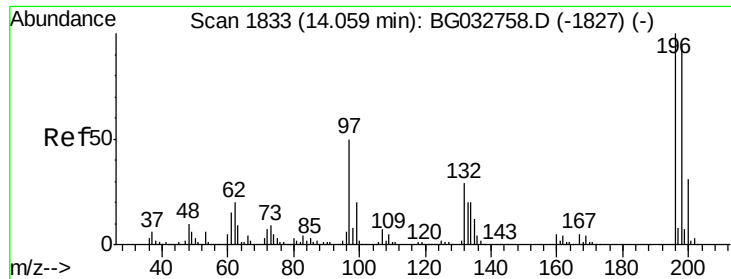
#42
 2,4,6-Trichlorophenol
 Concen: 45.571 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion:196 Resp: 89839
 Ion Ratio Lower Upper
 196 100
 198 94.0 78.2 117.2
 200 30.6 24.6 36.8



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

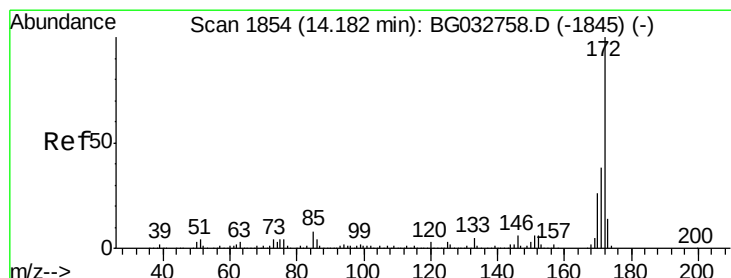
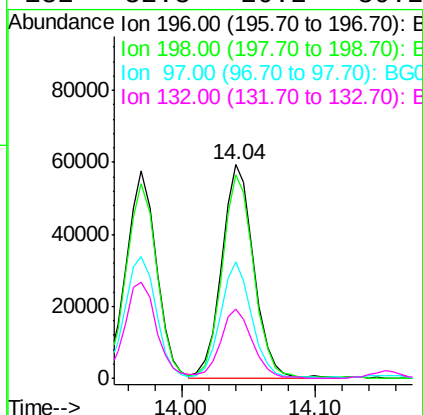
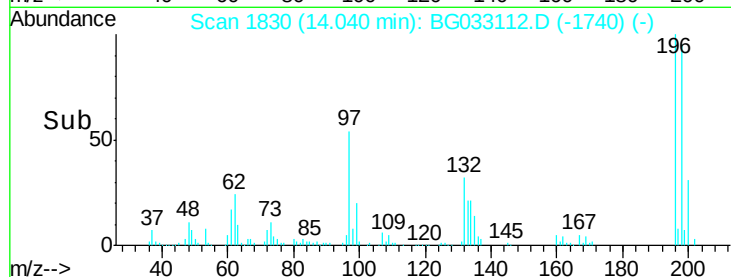
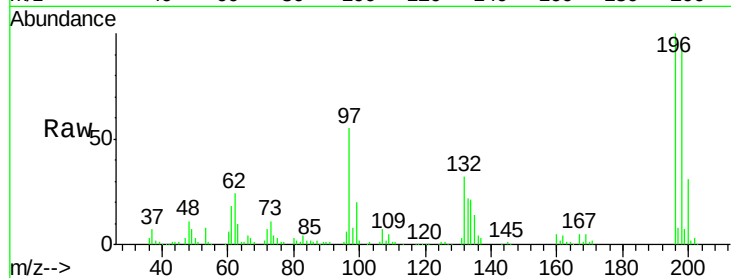




#43
 2,4,5-Trichlorophenol
 Concen: 43.474 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

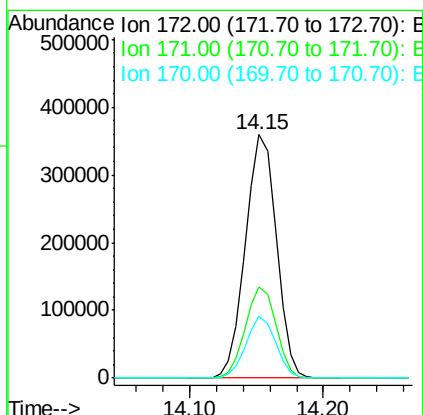
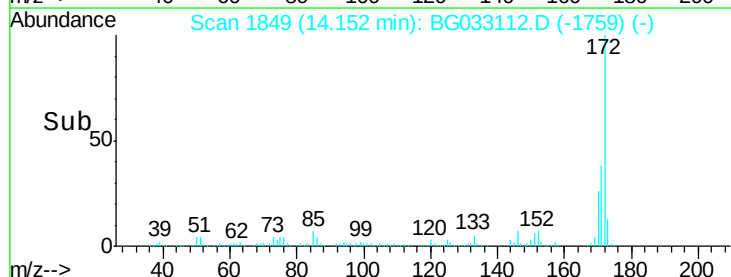
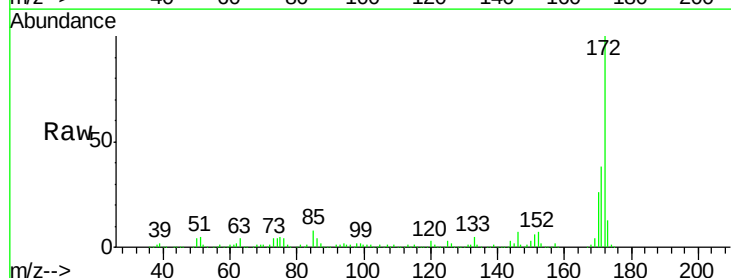
Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

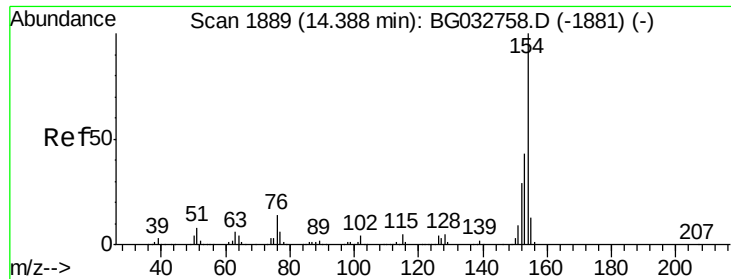
Tgt Ion:196 Resp: 99193
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.4
 97 54.5 38.7 58.1
 132 32.3 20.2 30.2#



#44
 2-Fluorobiphenyl
 Concen: 78.761 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion:172 Resp: 575075
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 25.7 19.5 29.3

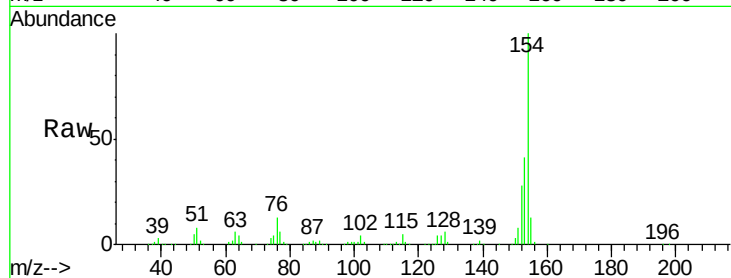




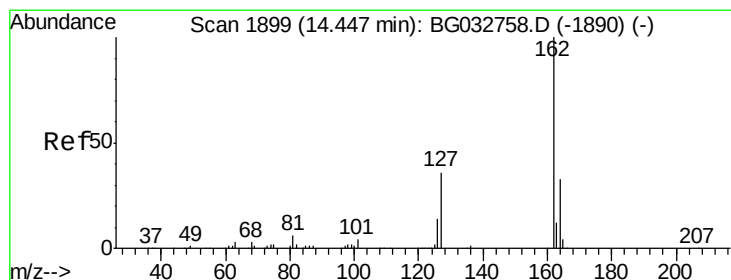
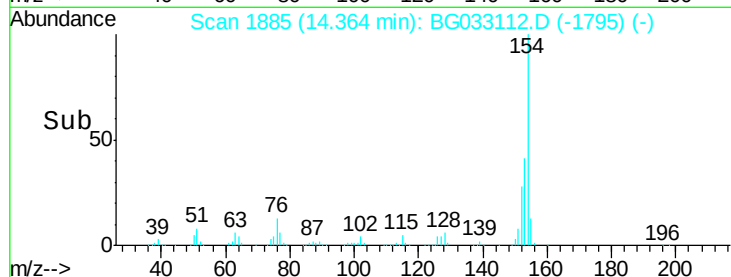
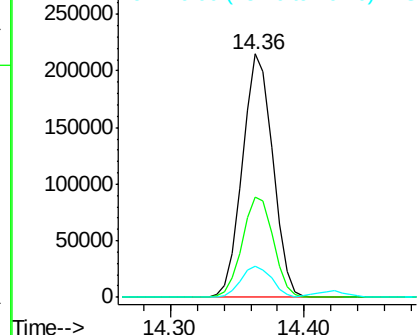
#45
 1,1'-Biphenyl
 Concen: 36.575 ng
 RT: 14.36 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	12.9	0.0	31.9

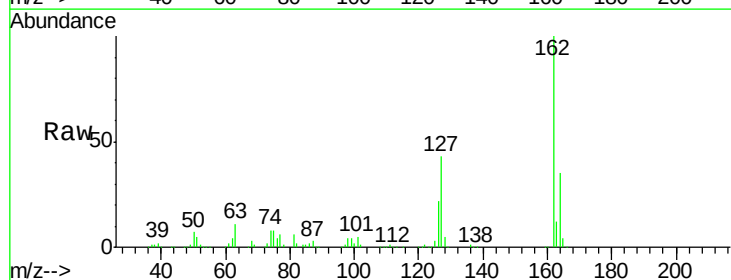


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

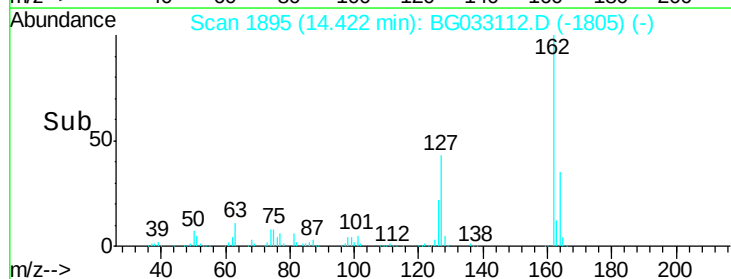
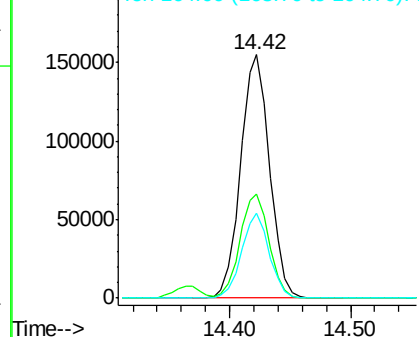


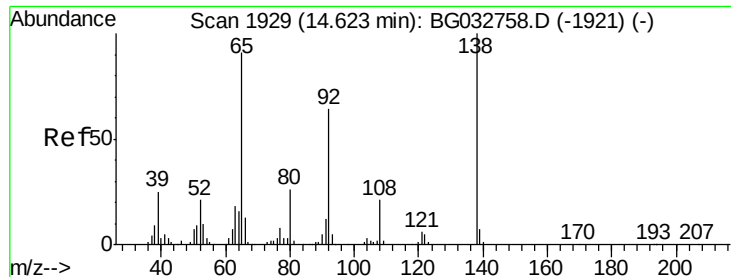
#46
 2-Chloronaphthalene
 Concen: 37.386 ng
 RT: 14.42 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	30.7	46.1
164	34.7	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

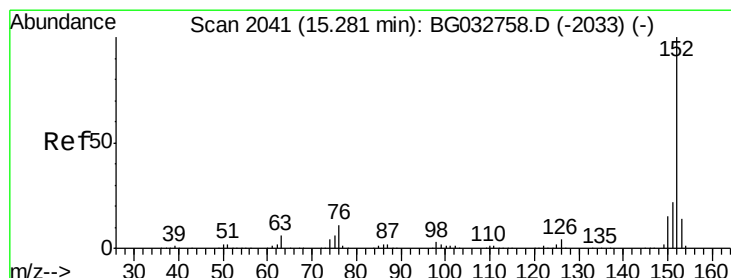
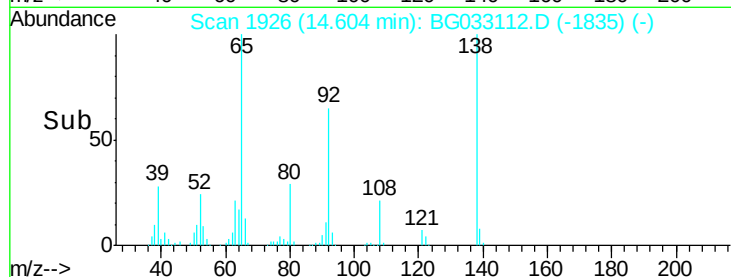
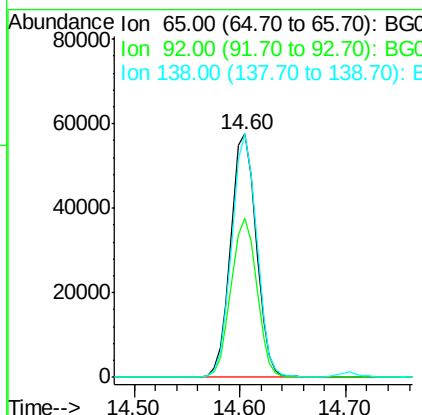
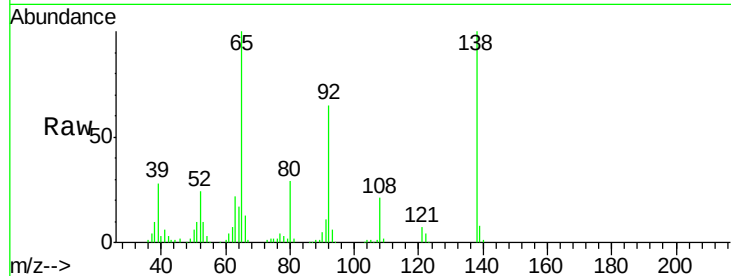




#47
2-Nitroaniline
Concen: 54.032 ng
RT: 14.60 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

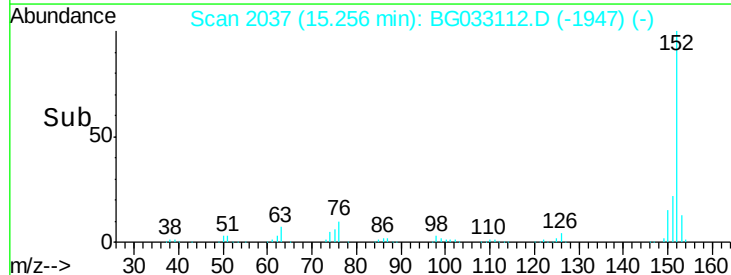
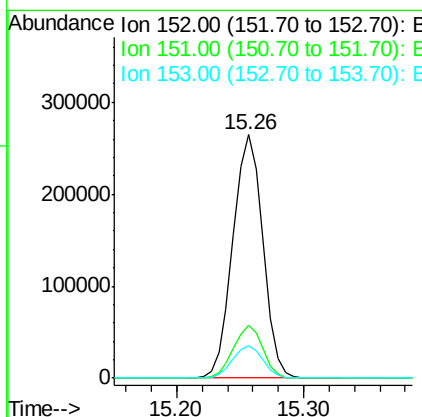
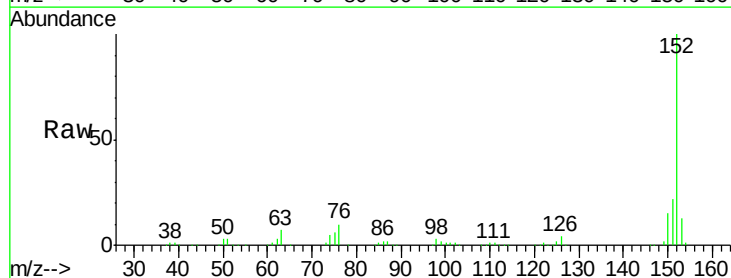
Instrument :
BNA_G
ClientSampleId :
PB107261BS

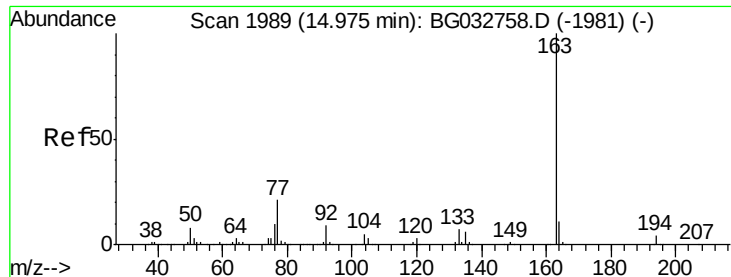
Tgt Ion: 65 Resp: 96363
Ion Ratio Lower Upper
65 100
92 65.2 54.6 82.0
138 99.9 72.9 109.3



#48
Acenaphthylene
Concen: 38.258 ng
RT: 15.26 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion: 152 Resp: 430569
Ion Ratio Lower Upper
152 100
151 21.6 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 39.006 ng

RT: 14.95 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

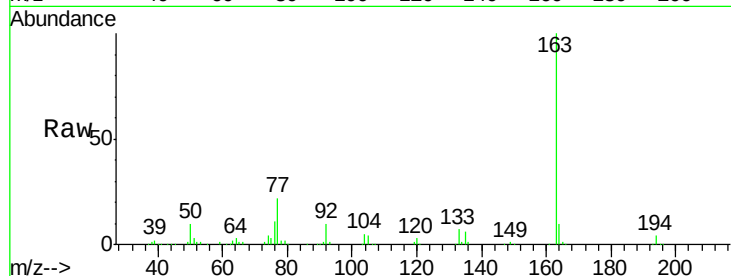
Tgt Ion:163 Resp: 348777

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

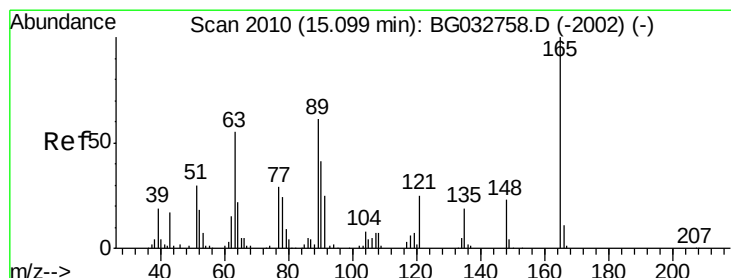
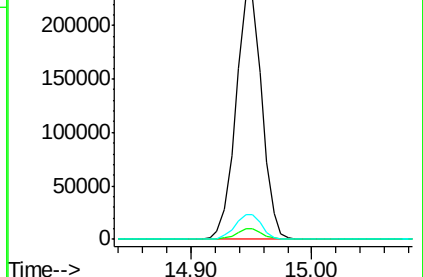
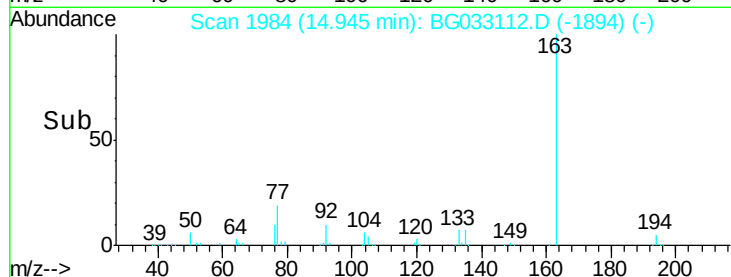
164 10.1 8.2 12.4



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: 50.822 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

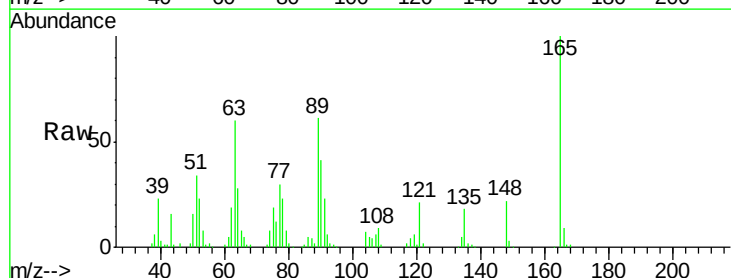
Tgt Ion:165 Resp: 76165

Ion Ratio Lower Upper

165 100

63 60.4 52.7 79.1

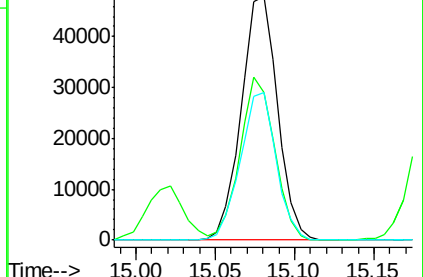
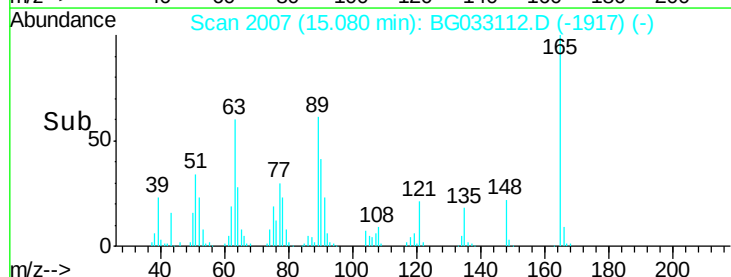
89 60.6 49.2 73.8

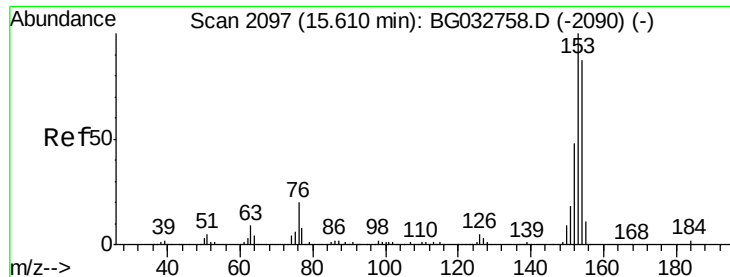


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.440 ng

RT: 15.59 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

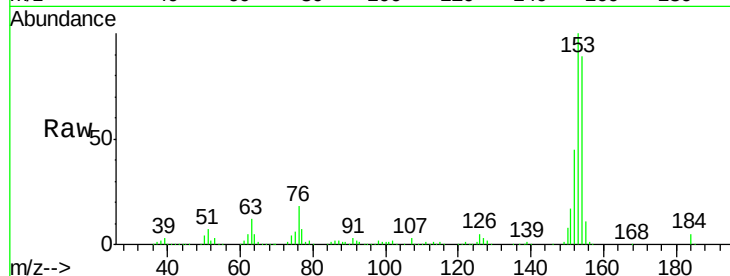
Tgt Ion:154 Resp: 290452

Ion Ratio Lower Upper

154 100

153 112.8 90.4 135.6

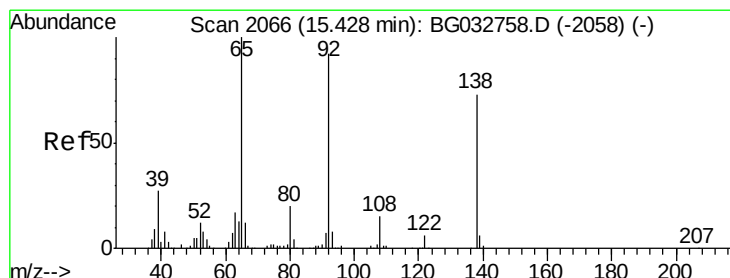
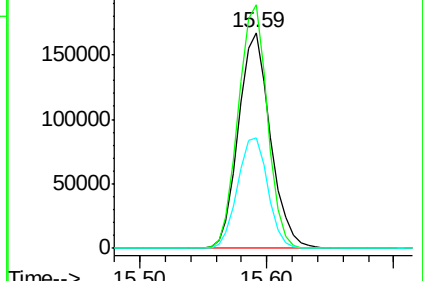
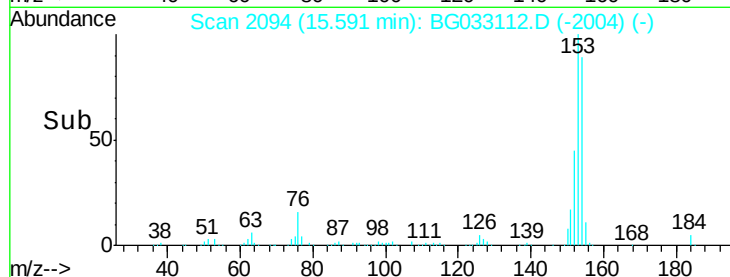
152 51.2 41.6 62.4



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: 23.968 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

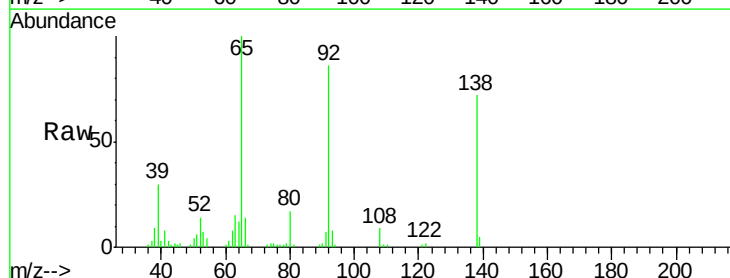
Tgt Ion:138 Resp: 35680

Ion Ratio Lower Upper

138 100

108 12.1 17.5 26.3#

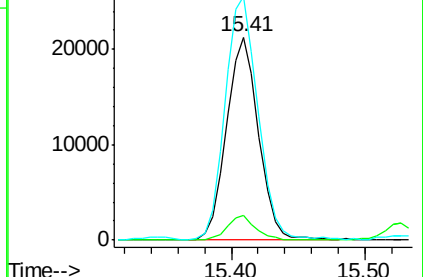
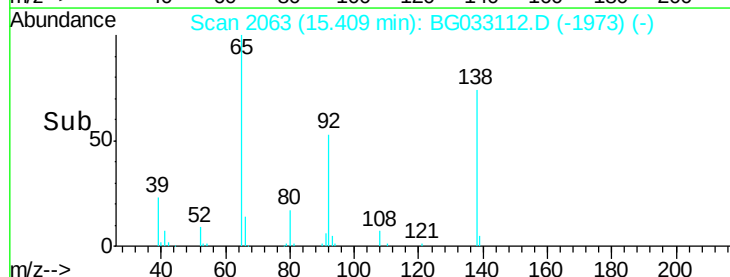
92 120.0 105.8 158.8

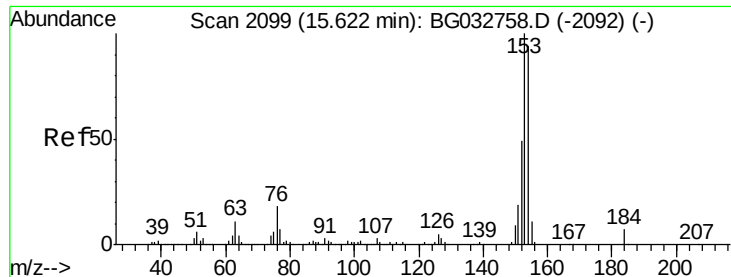


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

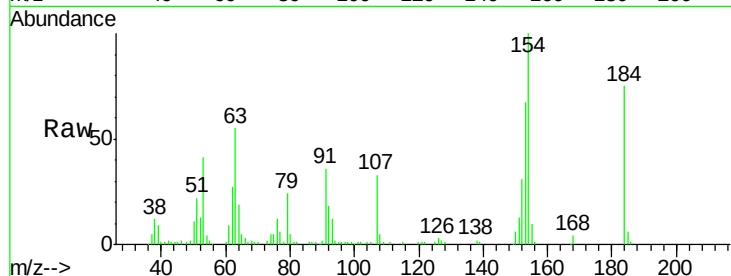




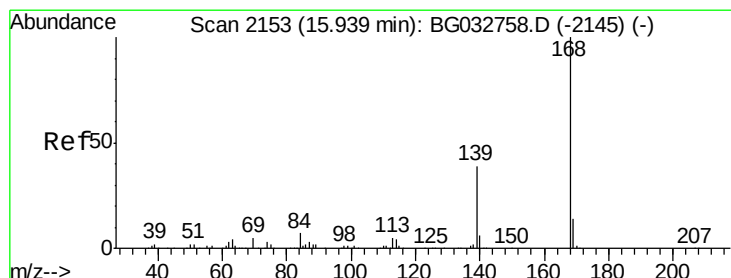
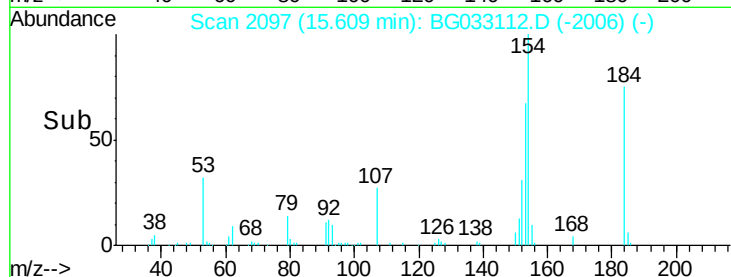
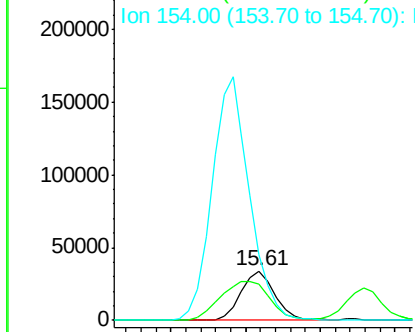
#53
2,4-Dinitrophenol
Concen: 103.230 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Instrument :
BNA_G
ClientSampleId :
PB107261BS

Tgt Ion:184 Resp: 53621
Ion Ratio Lower Upper
184 100
63 73.7 59.8 89.8
154 133.9 101.8 152.8

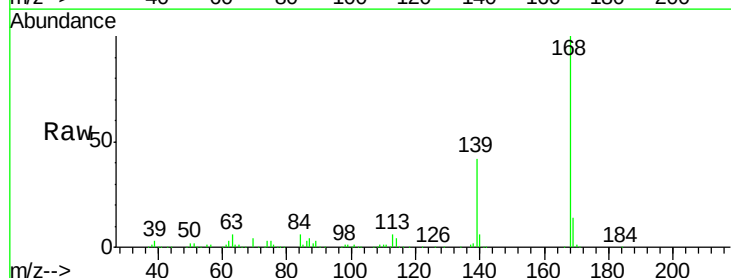


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

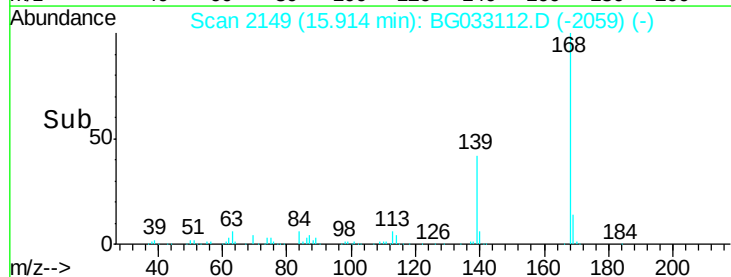
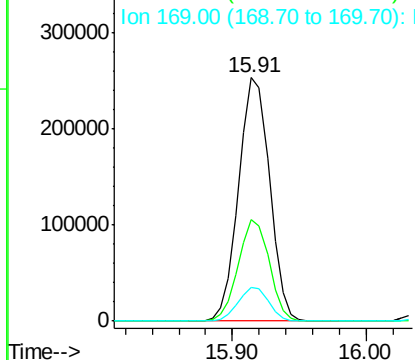


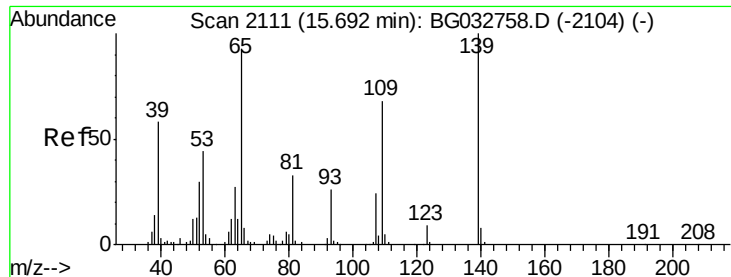
#54
Dibenzofuran
Concen: 40.805 ng
RT: 15.91 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:168 Resp: 407230
Ion Ratio Lower Upper
168 100
139 41.7 28.6 43.0
169 13.9 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

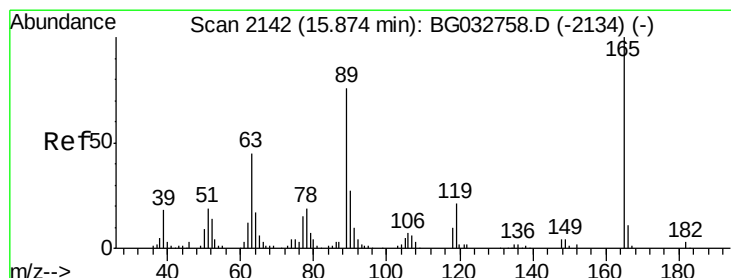
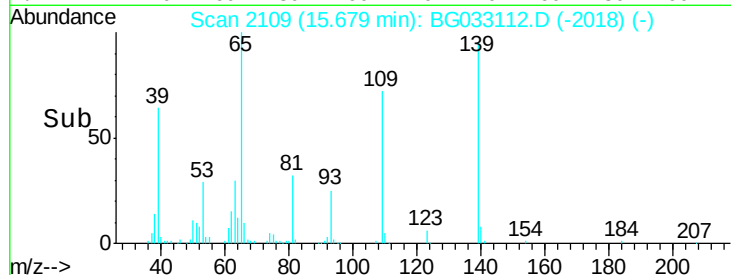
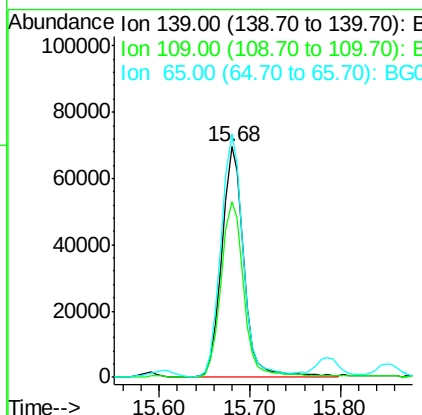
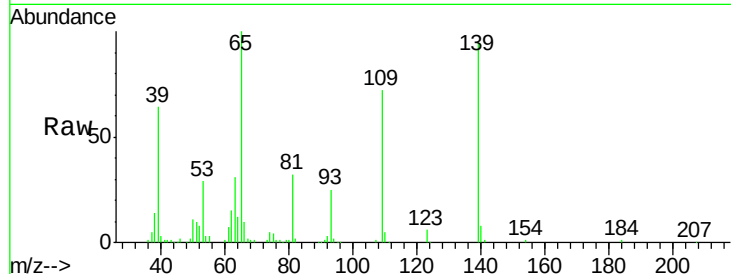




#55
4-Nitrophenol
Concen: 80.422 ng
RT: 15.68 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

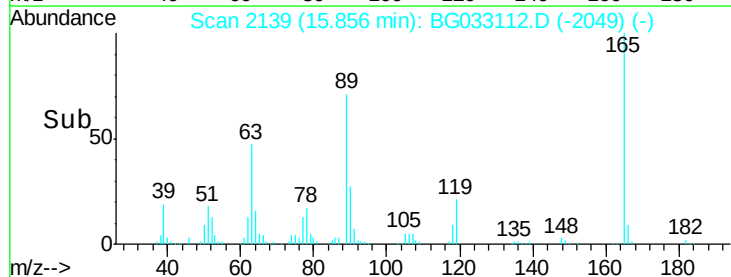
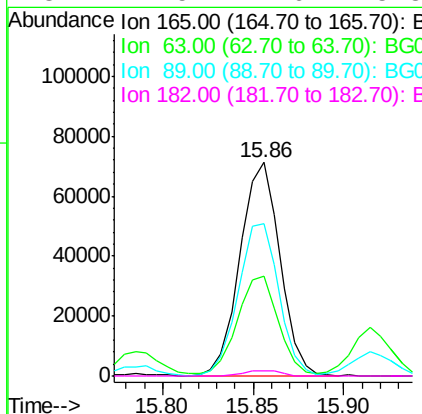
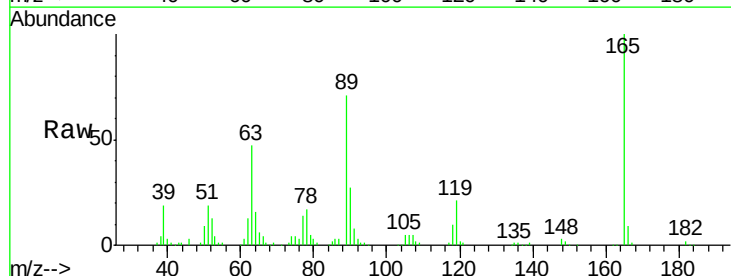
Instrument :
BNA_G
ClientSampleId :
PB107261BS

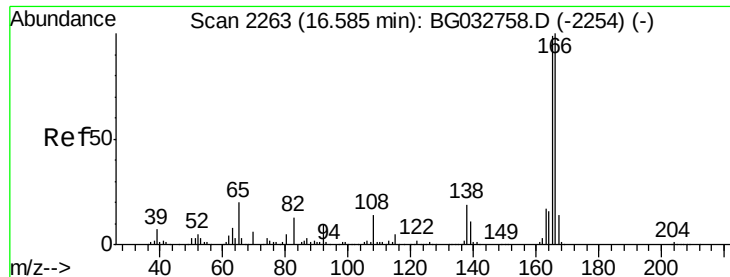
Tgt Ion:139 Resp: 117817
Ion Ratio Lower Upper
139 100
109 76.2 62.2 102.2
65 105.8 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 59.428 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:165 Resp: 109679
Ion Ratio Lower Upper
165 100
63 46.6 42.0 63.0
89 71.1 66.9 100.3
182 2.5 2.6 3.8#





#57

Fluorene

Concen: 40.203 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

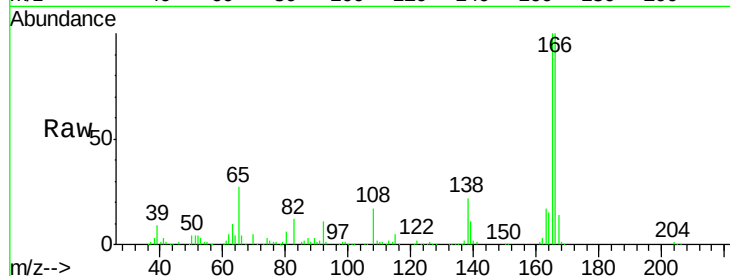
Tgt Ion:166 Resp: 331154

Ion Ratio Lower Upper

166 100

165 100.0 80.6 121.0

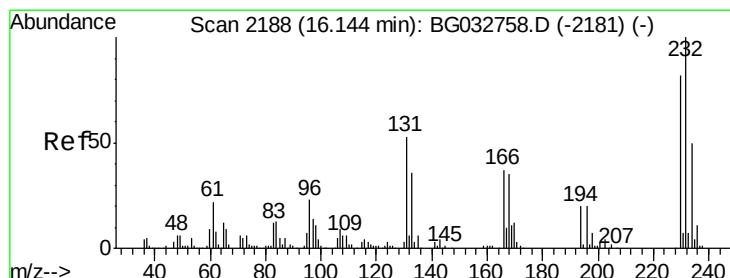
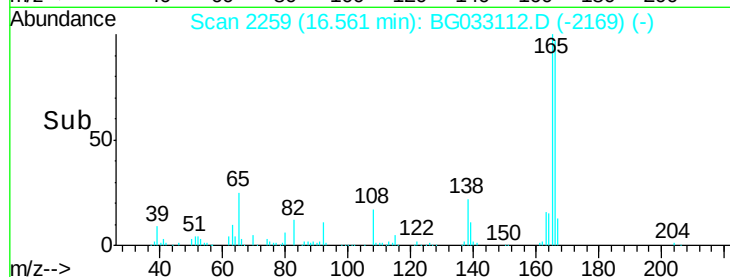
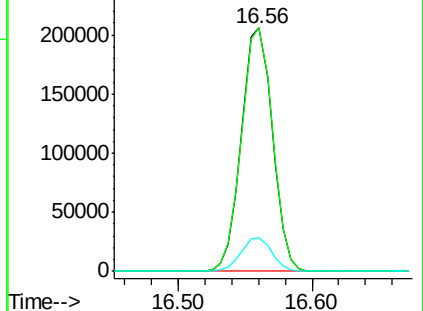
167 14.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.633 ng

RT: 16.04 min Scan# 2171

Delta R.T. -0.09 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Tgt Ion:232 Resp: 87924

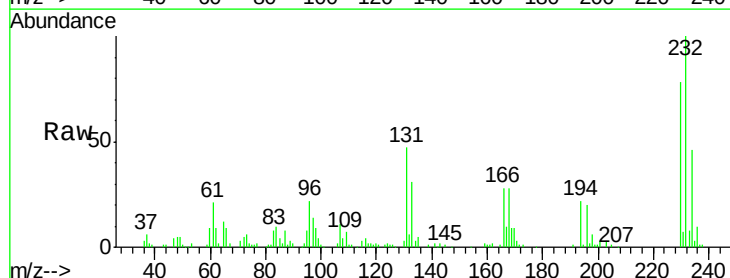
Ion Ratio Lower Upper

232 100

131 44.6 33.5 50.3

130 2.7 2.2 3.2

166 27.9 24.8 37.2

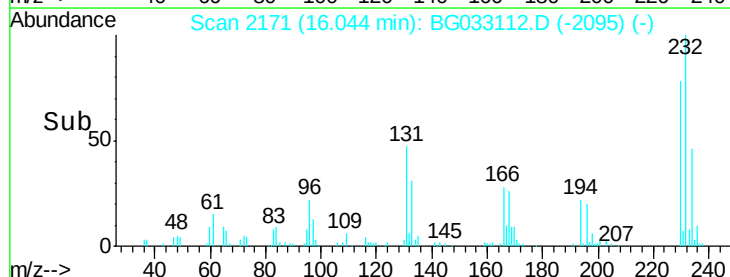
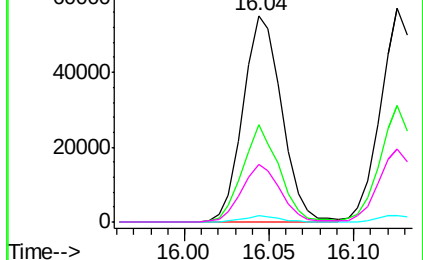


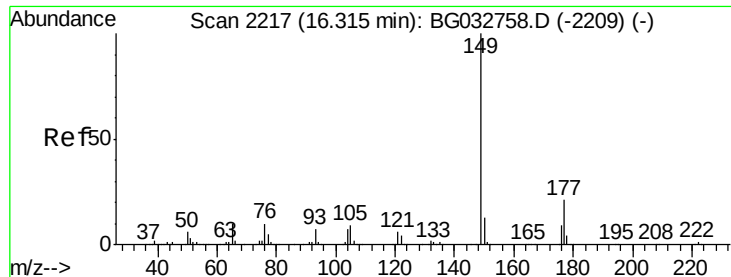
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

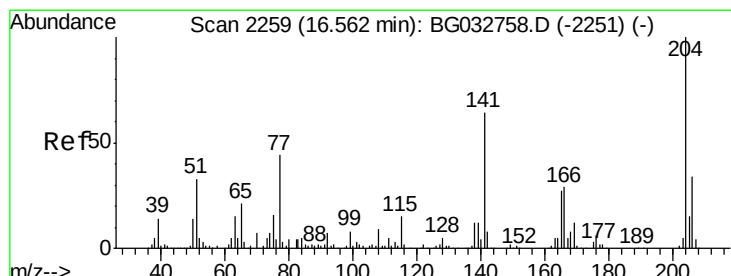
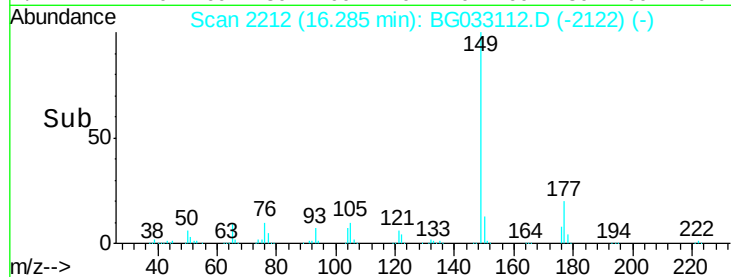
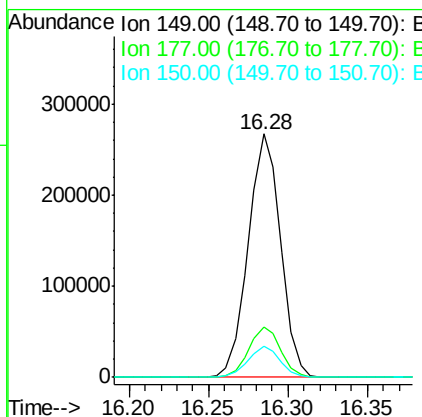
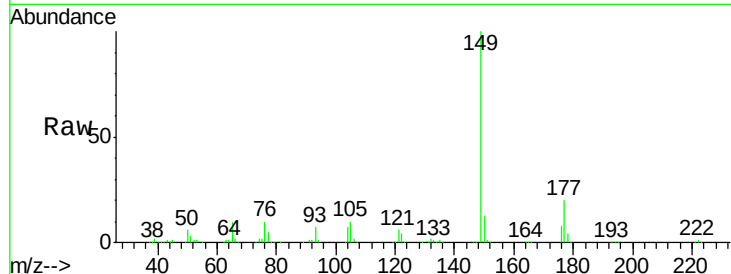




#59
Diethylphthalate
Concen: 40.013 ng
RT: 16.28 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

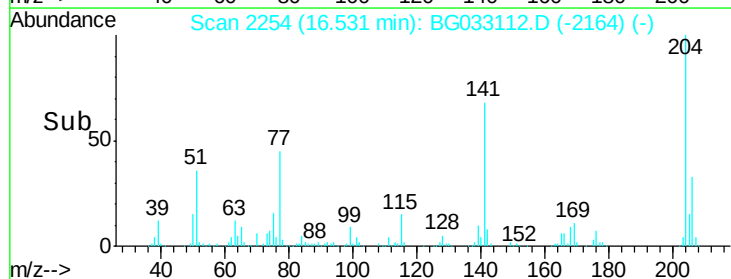
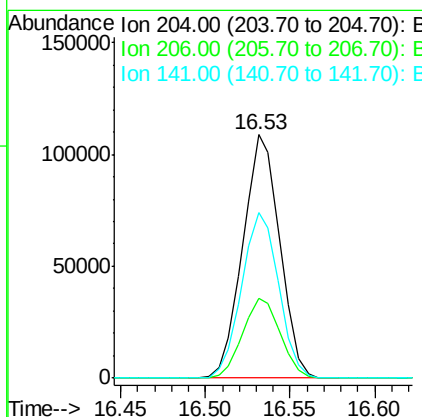
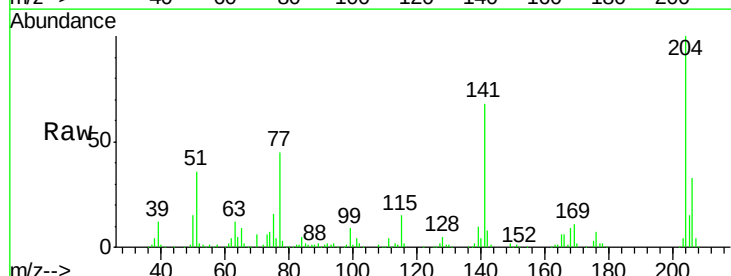
Instrument :
BNA_G
ClientSampleId :
PB107261BS

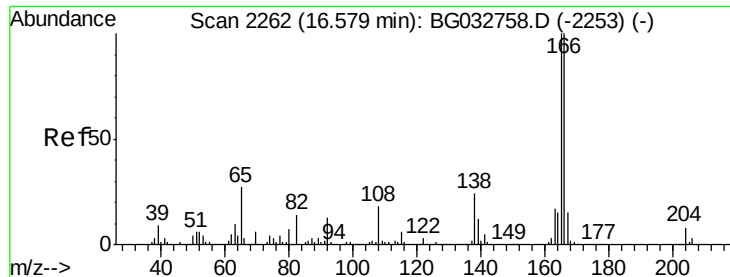
Tgt Ion:149 Resp: 377360
Ion Ratio Lower Upper
149 100
177 20.5 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.031 ng
RT: 16.53 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:204 Resp: 165334
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 67.9 45.8 68.6

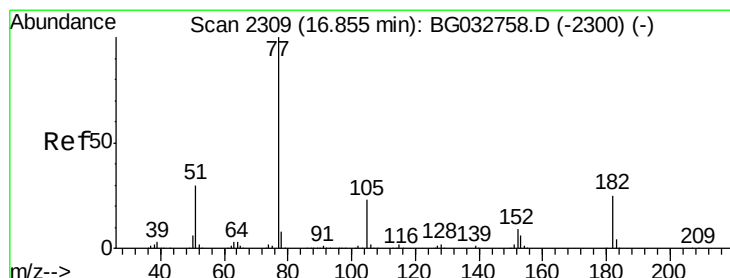
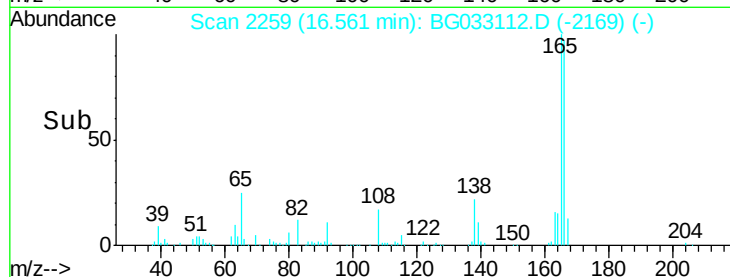
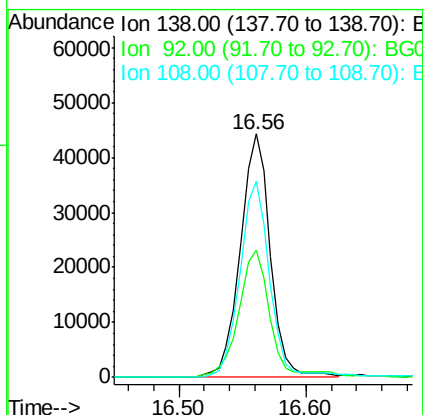
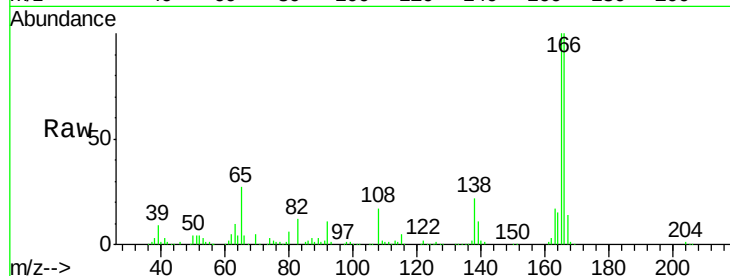




#61
4-Nitroaniline
Concen: 38.590 ng
RT: 16.56 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

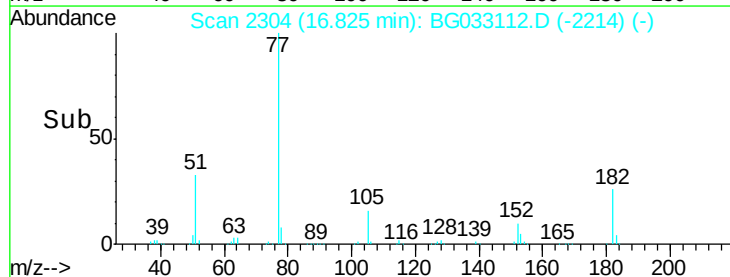
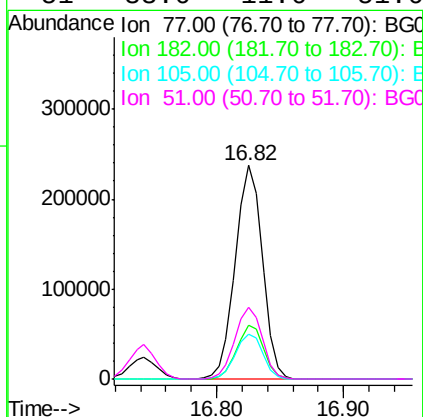
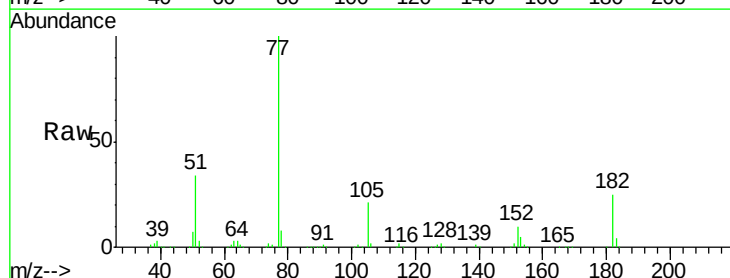
Instrument :
BNA_G
ClientSampleId :
PB107261BS

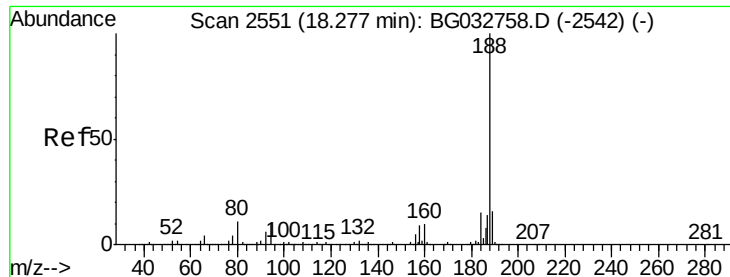
Tgt Ion:138 Resp: 72438
Ion Ratio Lower Upper
138 100
92 52.0 40.1 80.1
108 80.5 65.4 105.4



#62
Azobenzene
Concen: 41.593 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion: 77 Resp: 350922
Ion Ratio Lower Upper
77 100
182 25.2 7.4 47.4
105 20.8 0.3 40.3
51 33.6 11.6 51.6

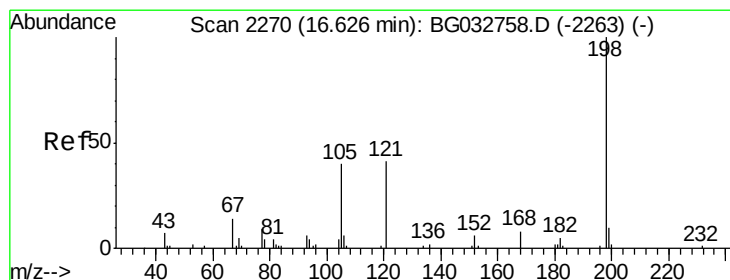
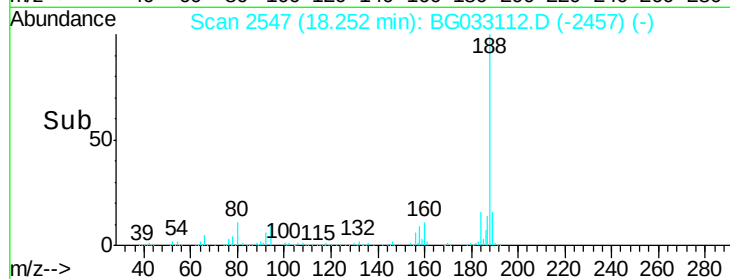
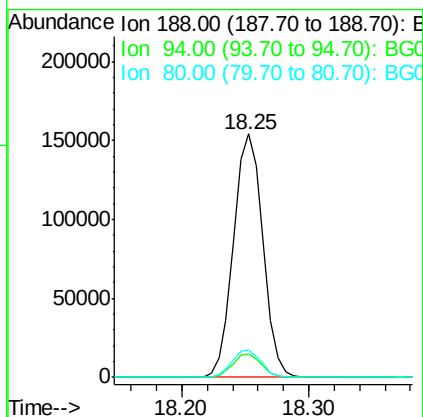
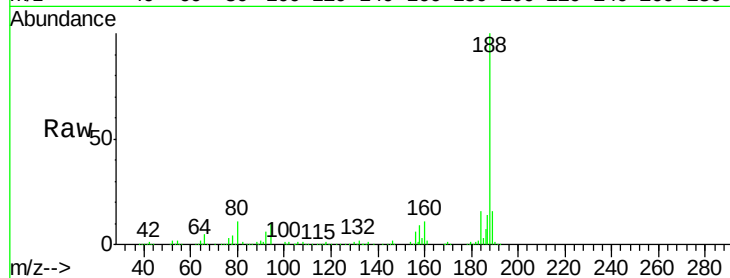




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

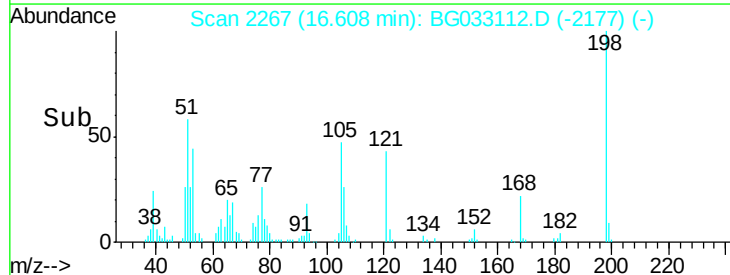
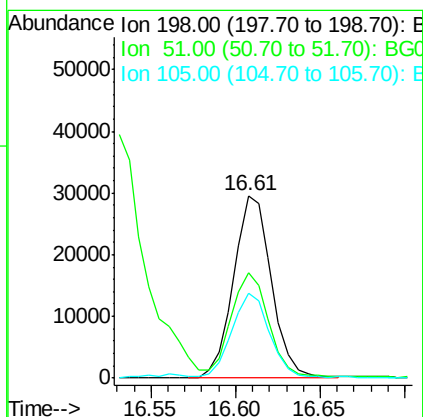
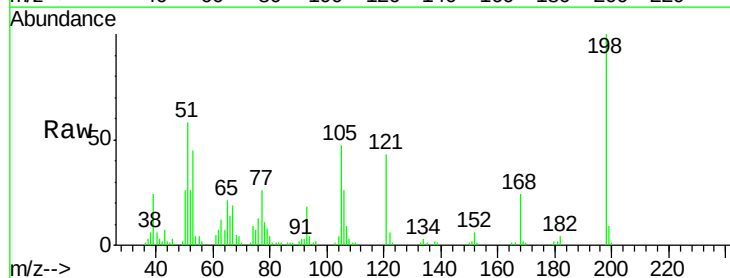
Instrument :
BNA_G
ClientSampleId :
PB107261BS

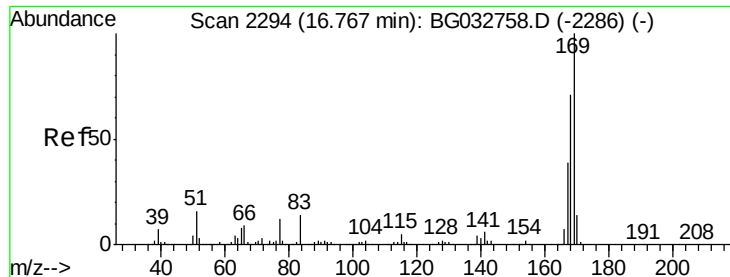
Tgt Ion:188 Resp: 245381
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 11.4 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 58.940 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:198 Resp: 46018
Ion Ratio Lower Upper
198 100
51 58.0 30.6 70.6
105 46.7 23.8 63.8

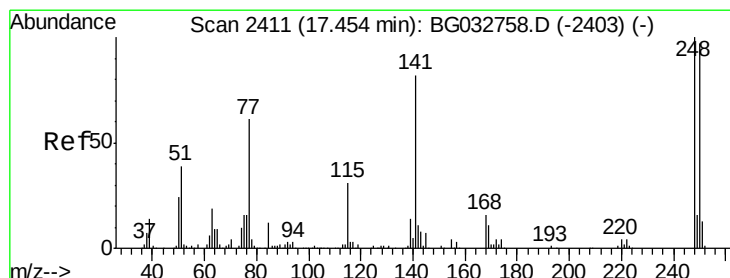
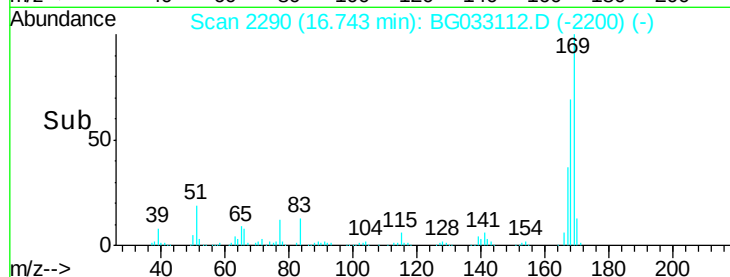
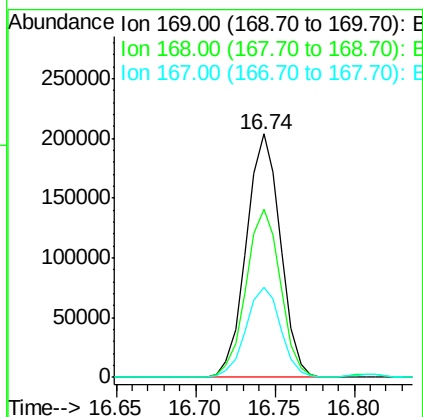
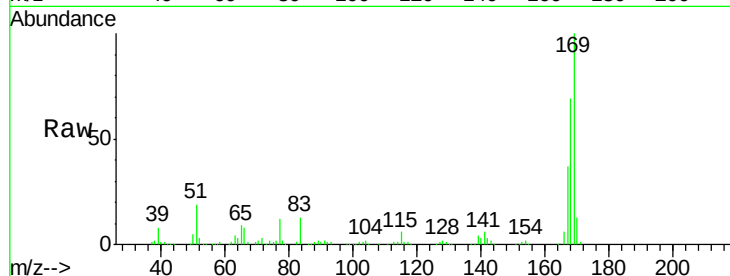




#65
 n-Nitrosodiphenylamine
 Concen: 38.232 ng
 RT: 16.74 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

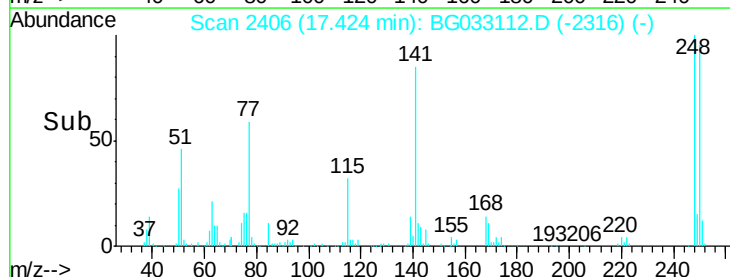
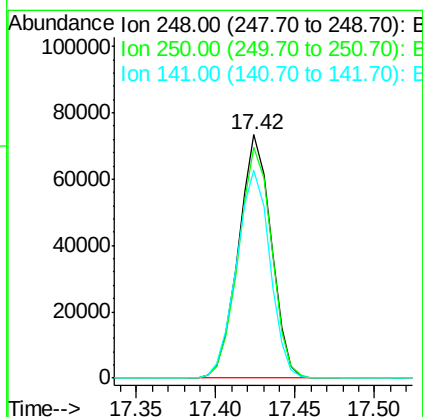
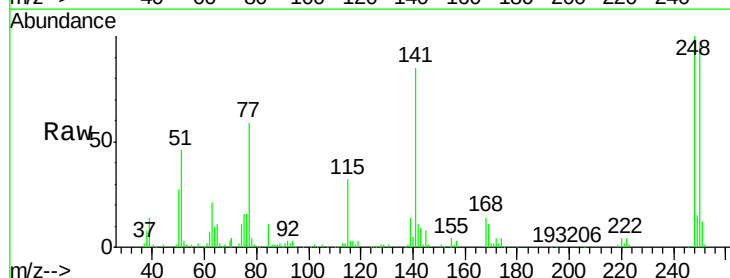
Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

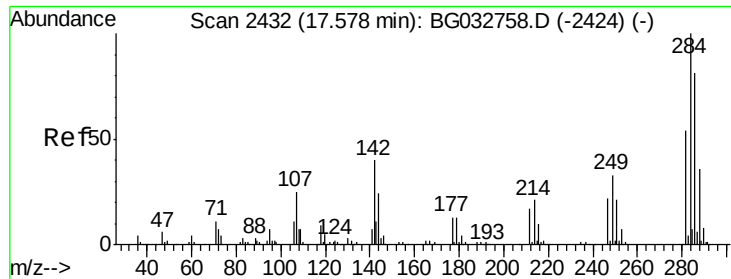
Tgt Ion:169 Resp: 305190
 Ion Ratio Lower Upper
 169 100
 168 68.9 55.7 83.5
 167 37.2 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 40.569 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion:248 Resp: 105263
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.1 115.7
 141 85.2 50.8 76.2#





#67

Hexachlorobenzene

Concen: 39.839 ng

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

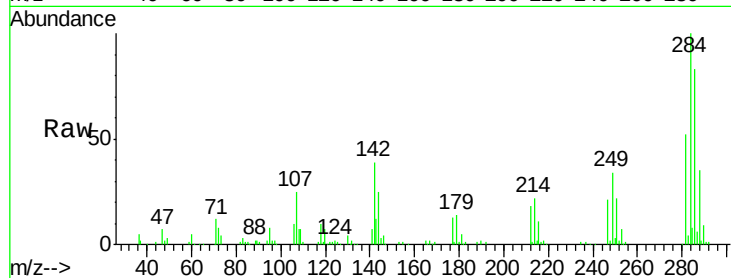
Tgt Ion:284 Resp: 111706

Ion Ratio Lower Upper

284 100

142 38.6 26.8 40.2

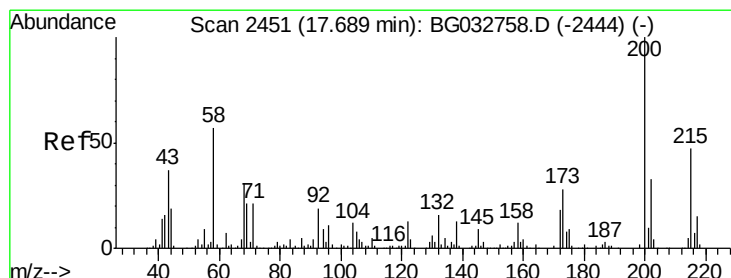
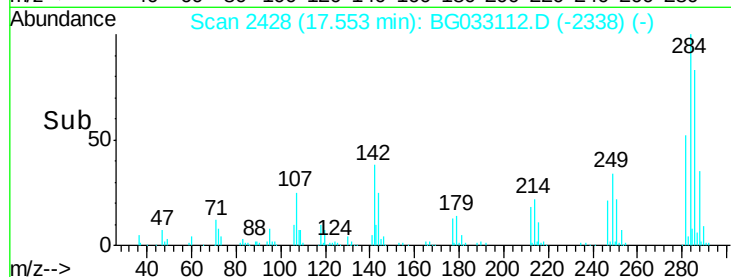
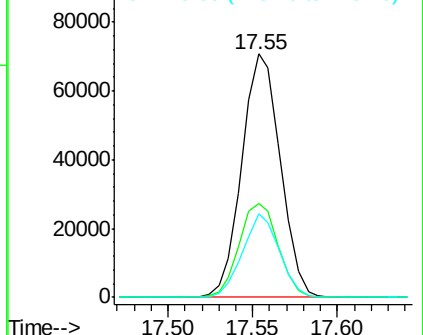
249 34.2 26.3 39.5



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: 41.540 ng

RT: 17.66 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

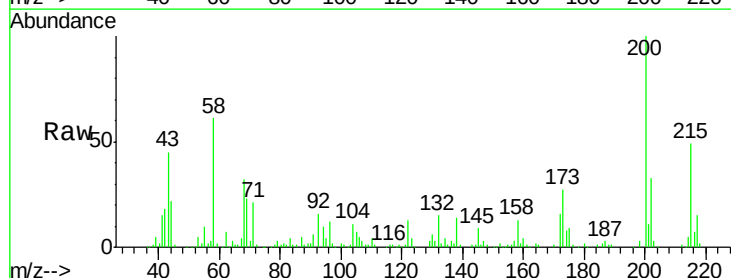
Tgt Ion:200 Resp: 109149

Ion Ratio Lower Upper

200 100

173 26.7 5.2 45.2

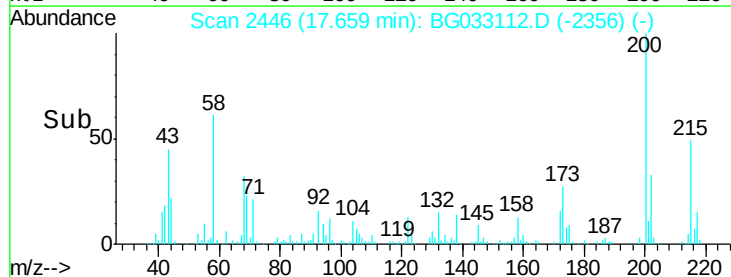
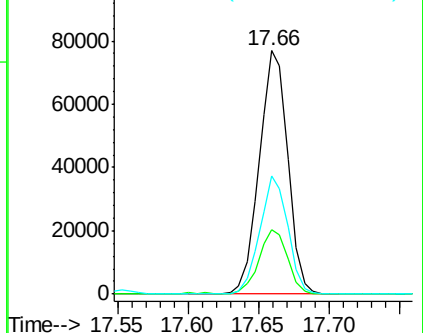
215 48.6 30.4 70.4

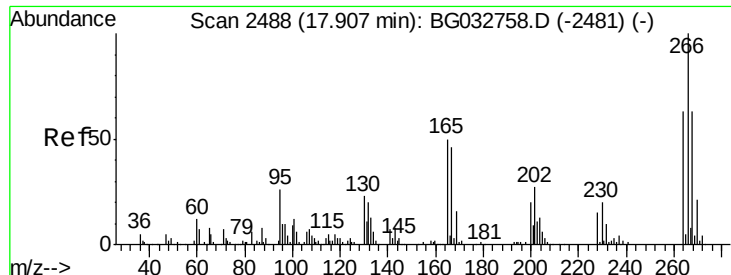


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 77.305 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampled :

PB107261BS

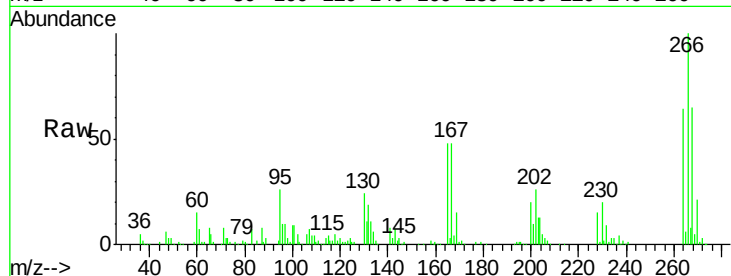
Tgt Ion:266 Resp: 136532

Ion Ratio Lower Upper

266 100

268 65.1 51.1 76.7

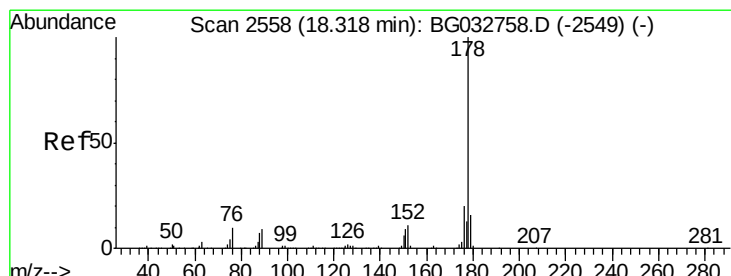
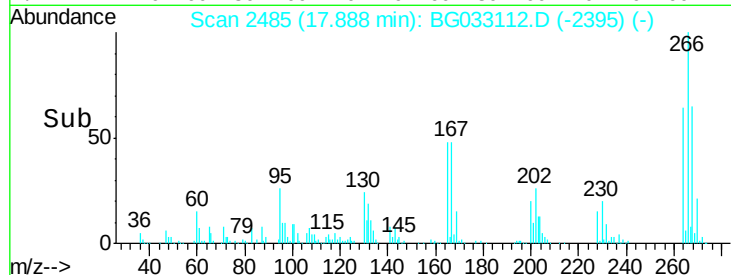
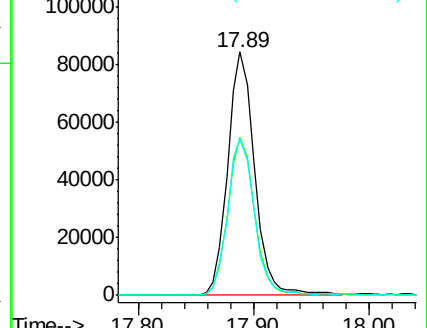
264 64.2 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.832 ng

RT: 18.29 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

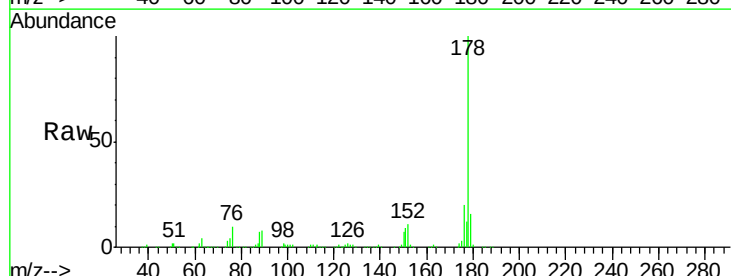
Tgt Ion:178 Resp: 545288

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

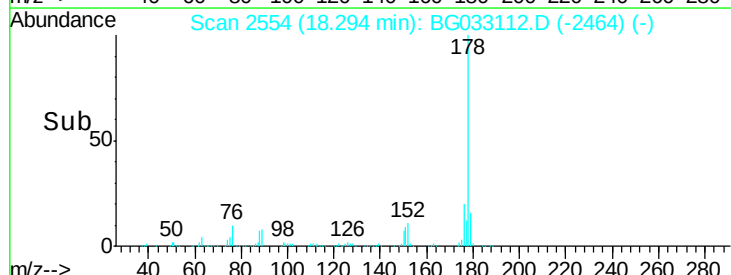
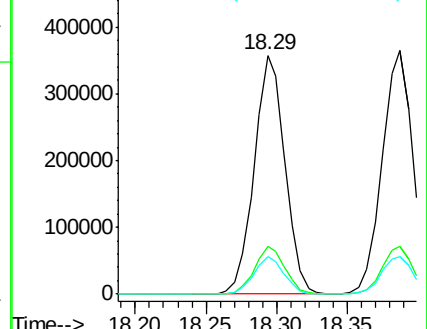
179 16.0 12.5 18.7

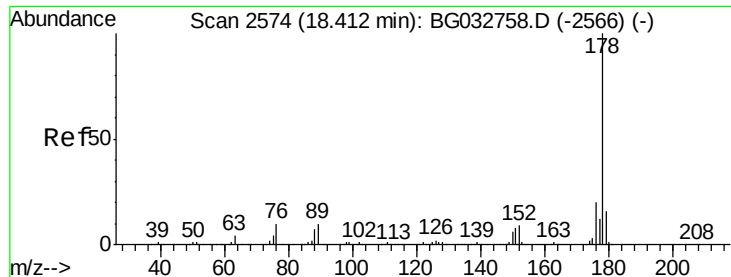


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

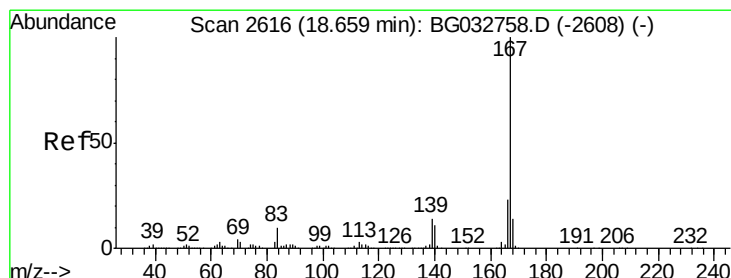
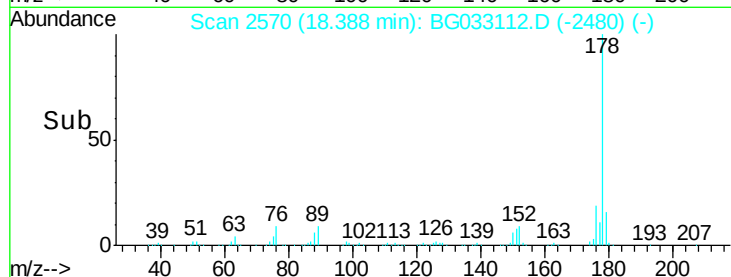
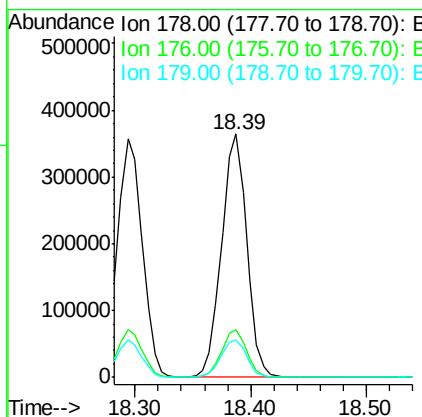
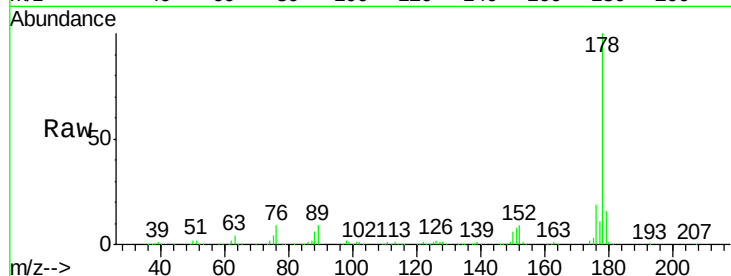




#71
 Anthracene
 Concen: 40.061 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

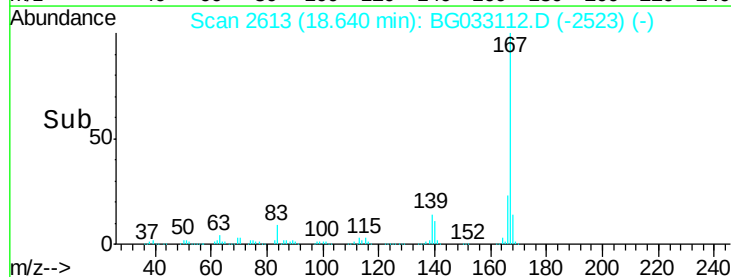
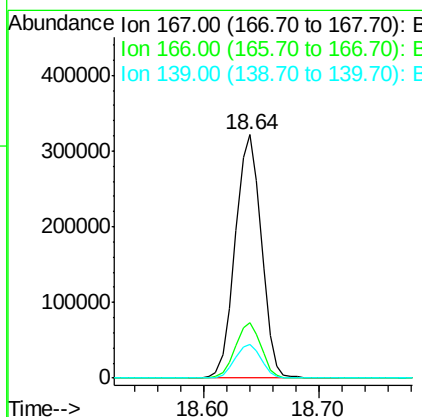
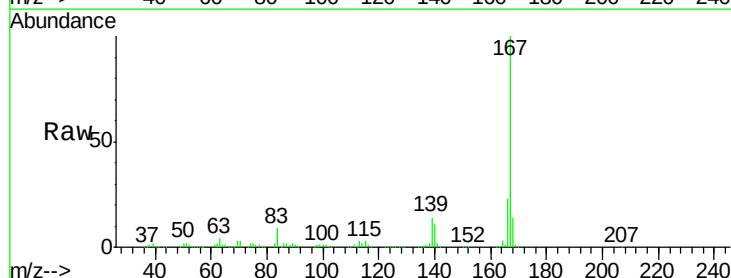
Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

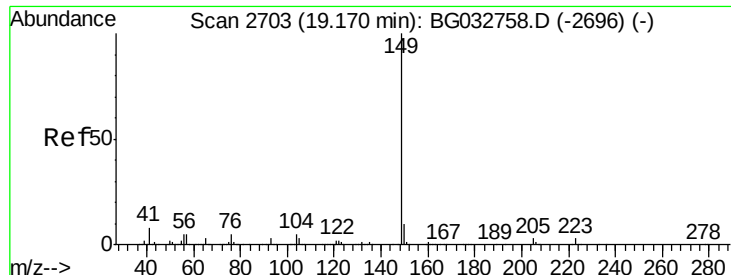
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.6	12.5	18.7



#72
 Carbazole
 Concen: 37.238 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	14.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.462 ng

RT: 19.13 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

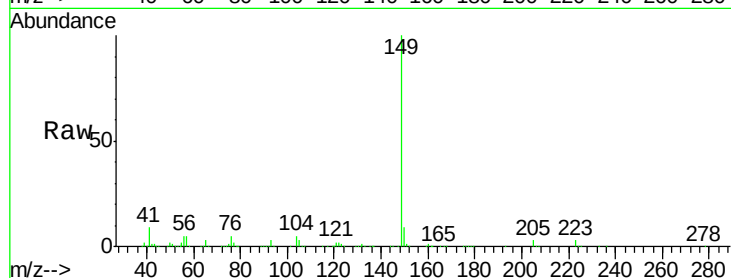
Tgt Ion:149 Resp: 639209

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

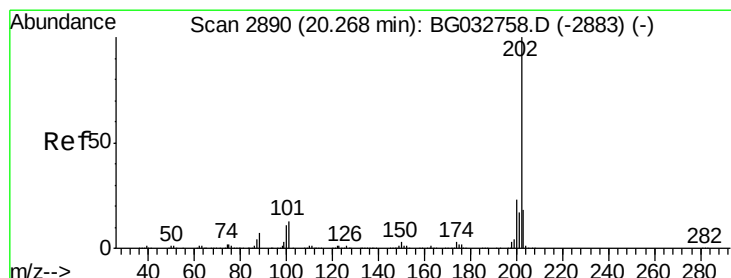
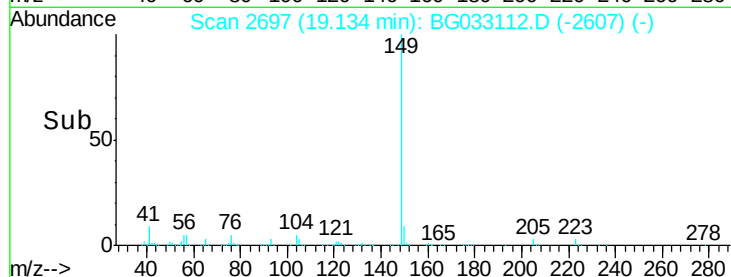
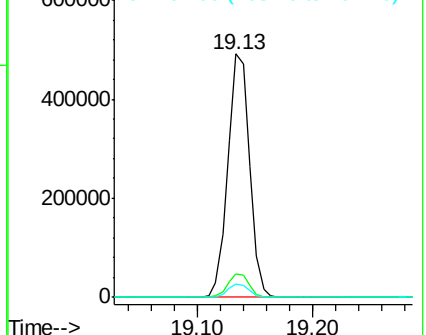
104 5.4 3.9 5.9



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: 40.512 ng

RT: 20.24 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

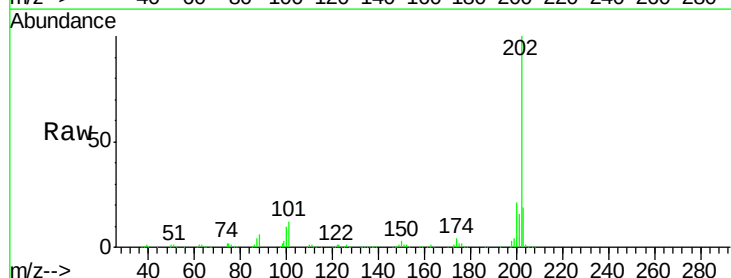
Tgt Ion:202 Resp: 612623

Ion Ratio Lower Upper

202 100

101 12.4 0.0 28.9

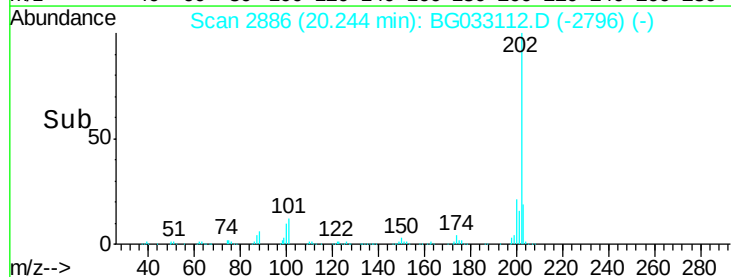
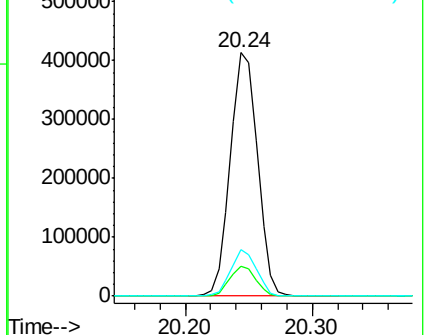
203 18.8 0.0 37.5

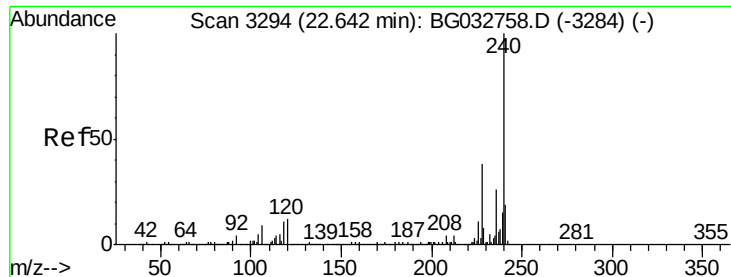


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

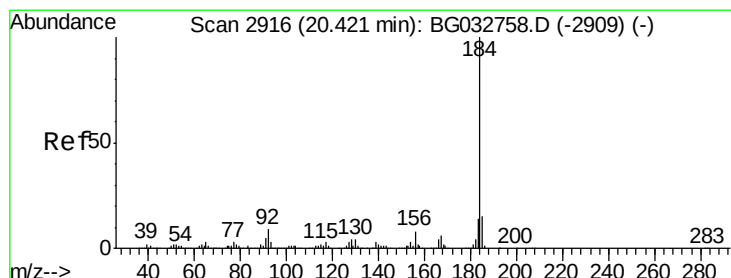
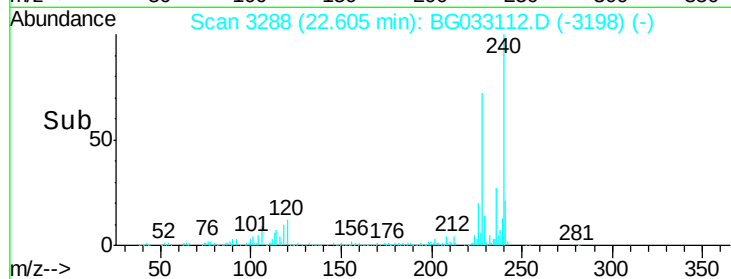
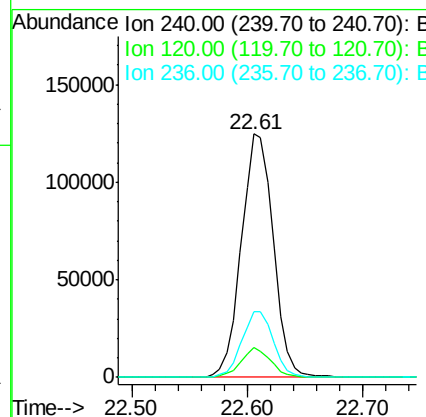
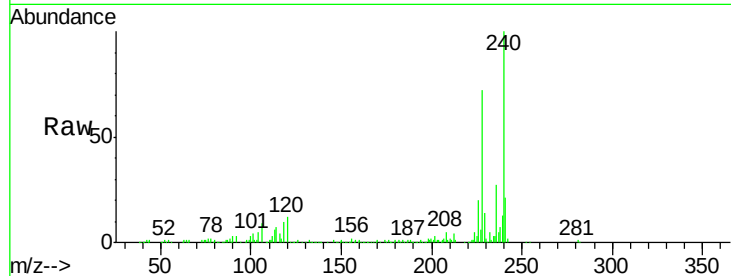




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

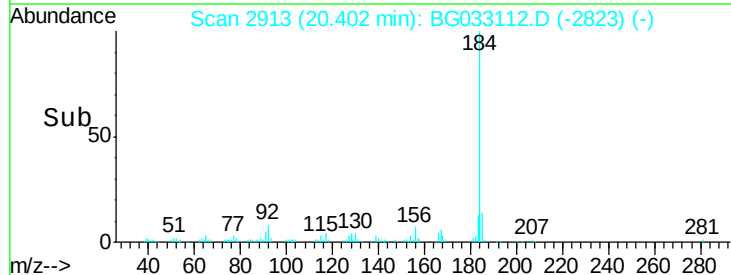
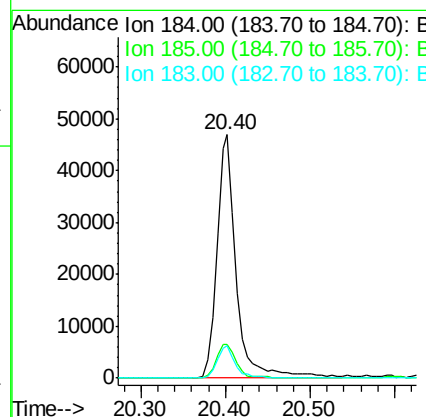
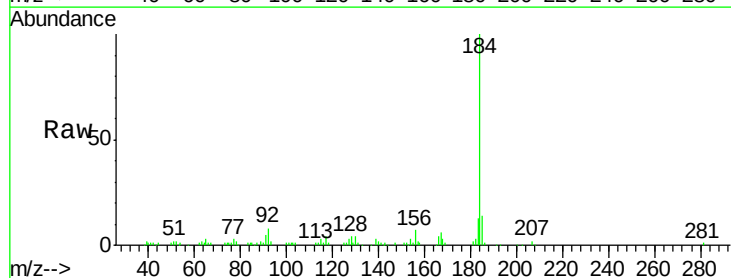
Instrument :
BNA_G
ClientSampleId :
PB107261BS

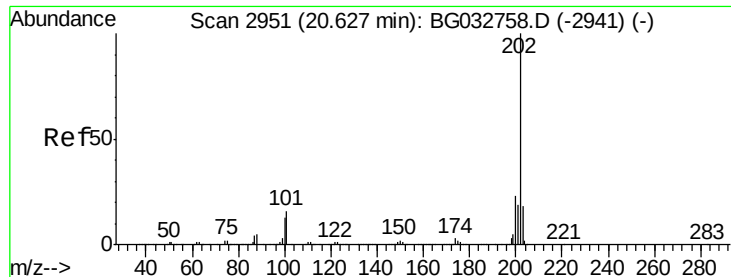
Tgt Ion: 240 Resp: 238847
Ion Ratio Lower Upper
240 100
120 12.2 6.8 10.2#
236 26.9 20.9 31.3



#76
Benzidine
Concen: 9.276 ng
RT: 20.40 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion: 184 Resp: 75523
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 13.1 10.6 16.0

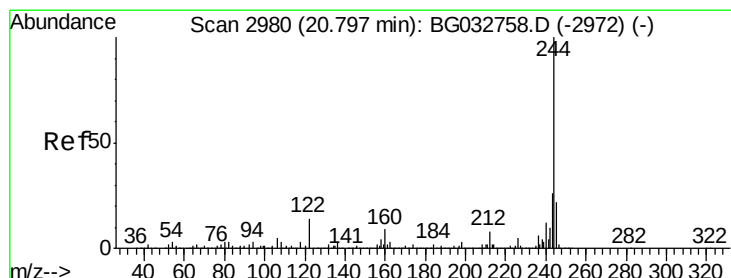
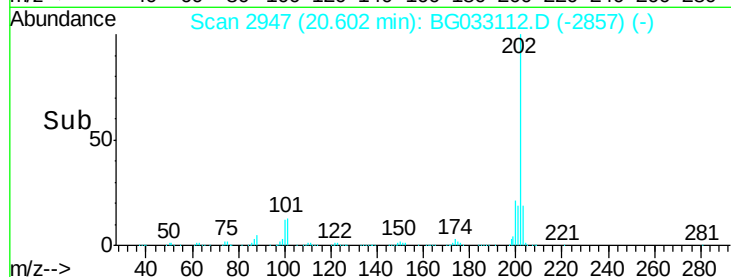
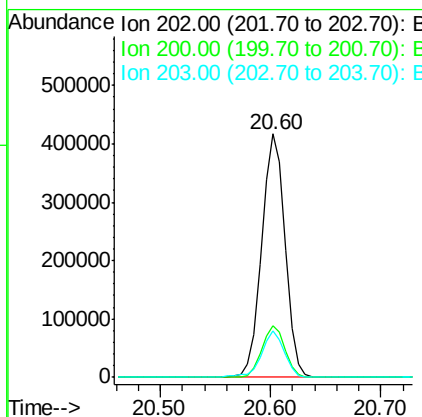
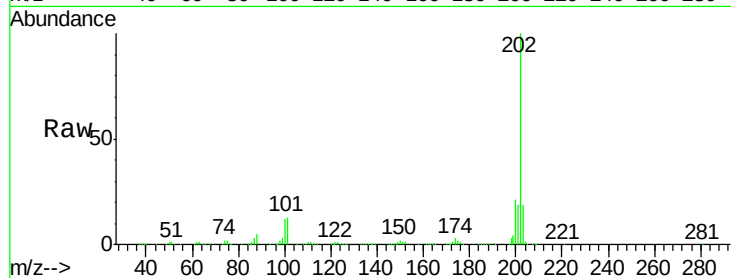




#77
 Pyrene
 Concen: 36.812 ng
 RT: 20.60 min Scan# 2947
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

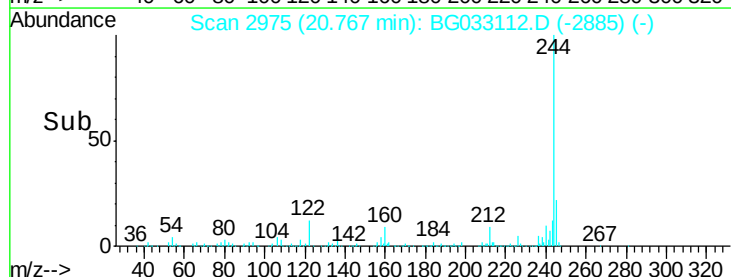
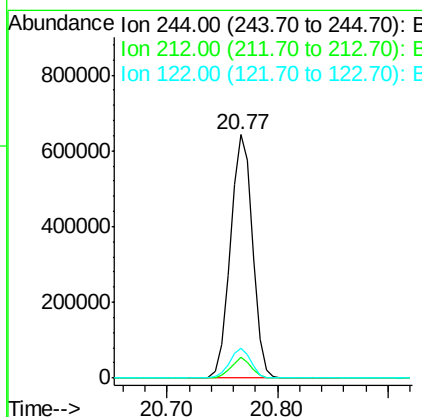
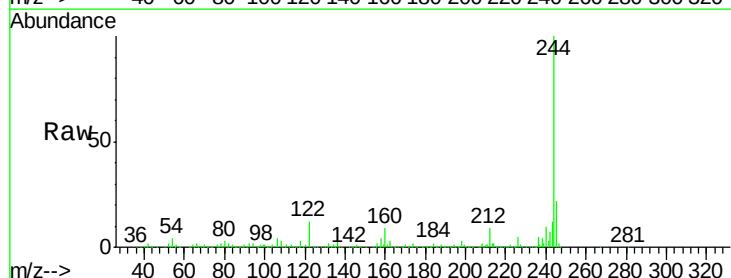
Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

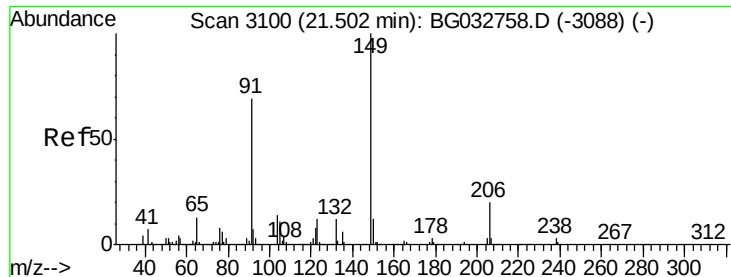
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.9	13.9	20.9



#78
 Terphenyl-d14
 Concen: 84.796 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	12.1	7.0	10.4

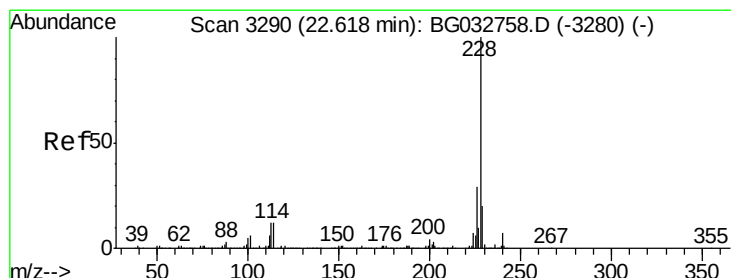
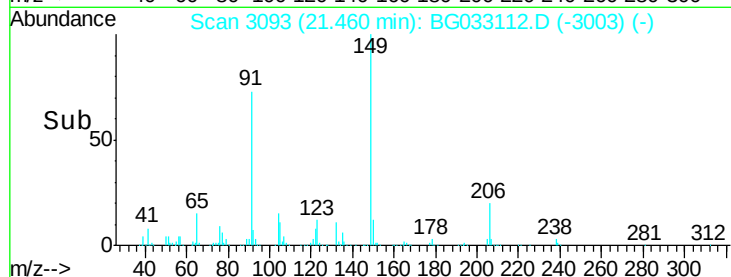
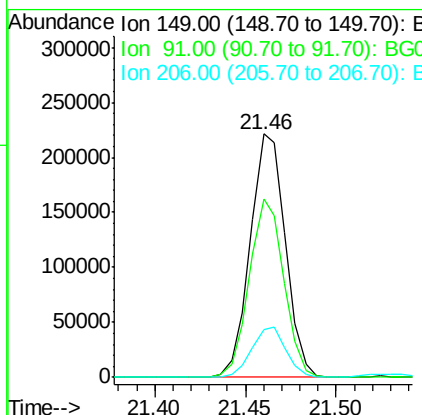
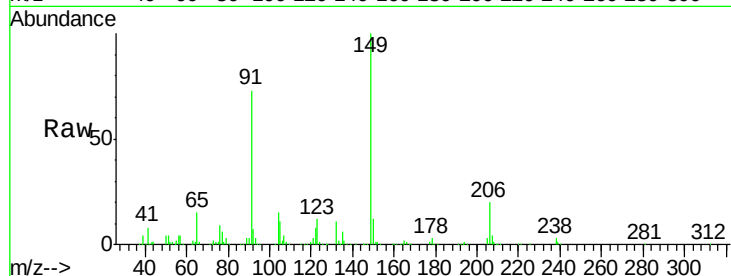




#79
Butylbenzylphthalate
Concen: 40.291 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

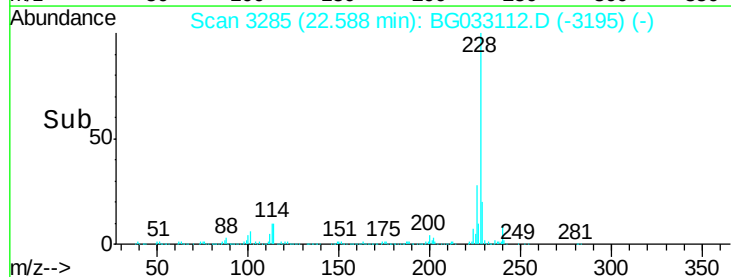
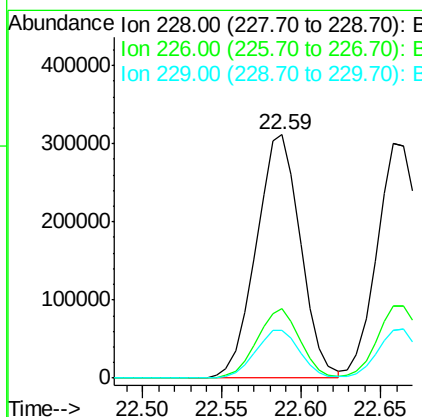
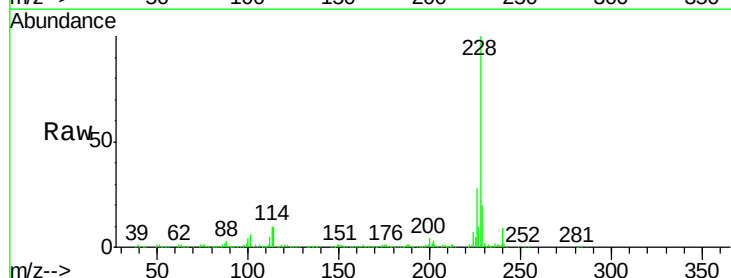
Instrument :
BNA_G
ClientSampleId :
PB107261BS

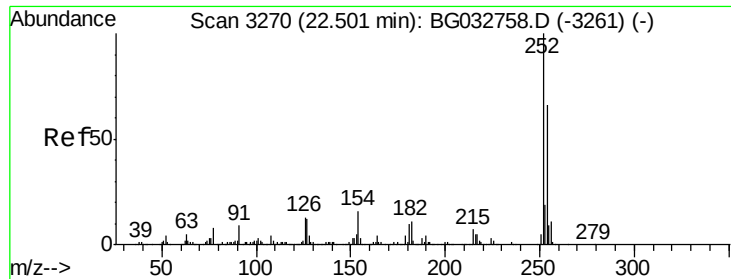
Tgt Ion:149 Resp: 300892
Ion Ratio Lower Upper
149 100
91 73.2 62.2 93.2
206 19.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.579 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:228 Resp: 606193
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 19.8 16.2 24.2

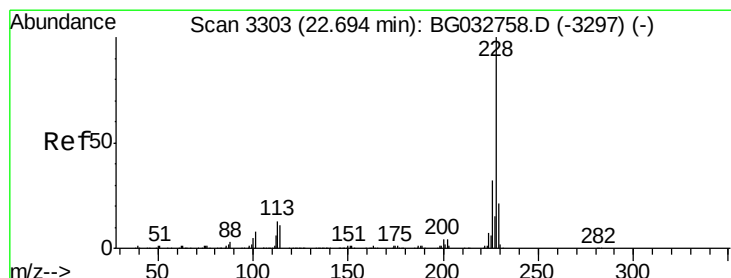
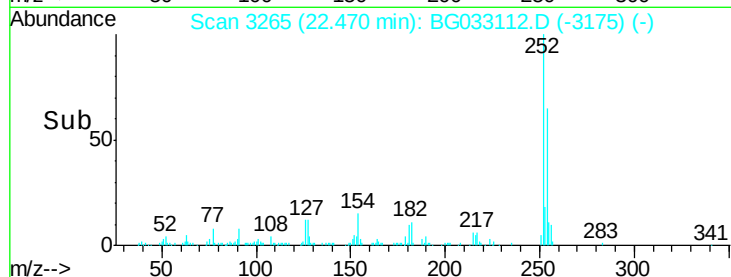
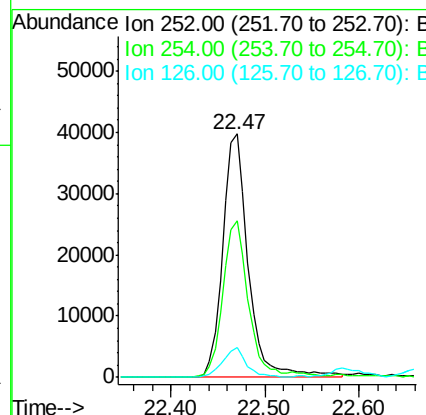
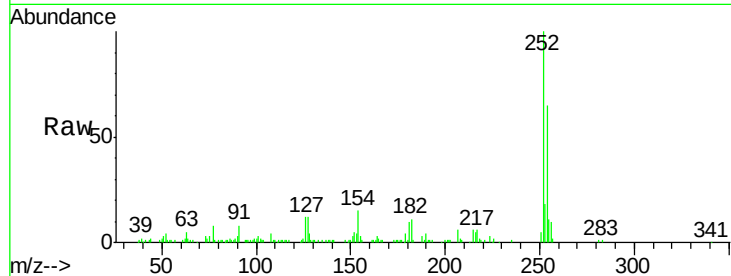




#81
 3,3'-Dichlorobenzidine
 Concen: 13.352 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

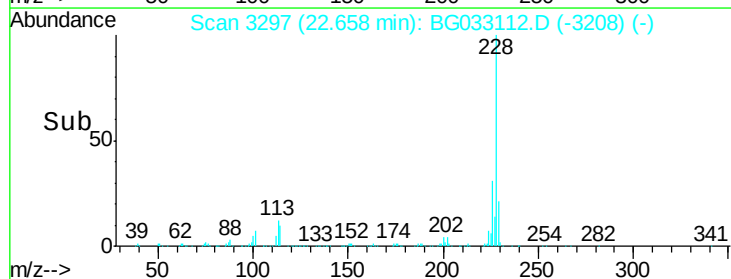
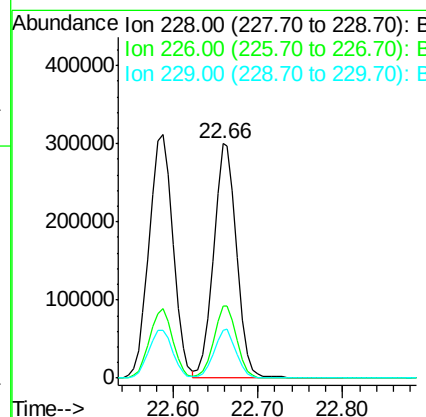
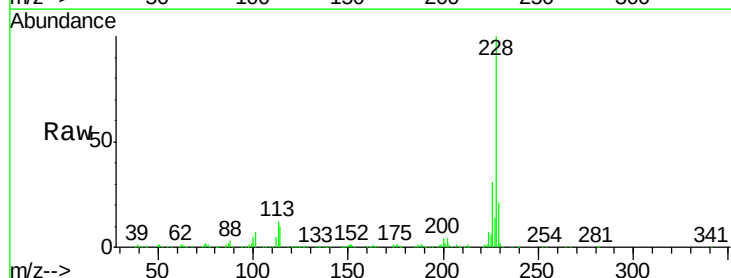
Instrument :
 BNA_G
 ClientSampleId :
 PB107261BS

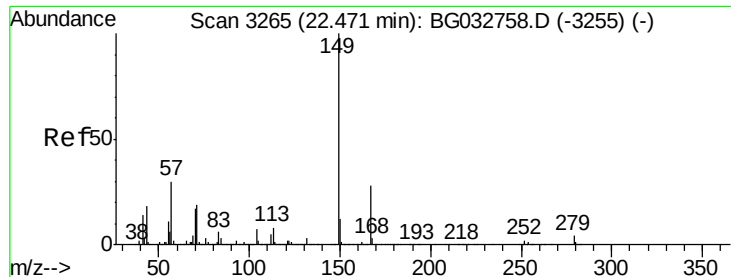
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	12.1	7.4	11.2#



#82
 Chrysene
 Concen: 39.105 ng
 RT: 22.66 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.792 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

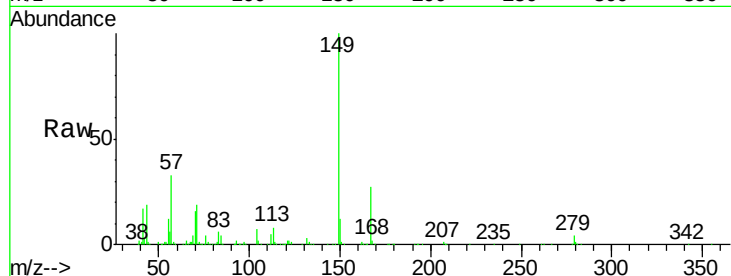
Tgt Ion:149 Resp: 428811

Ion Ratio Lower Upper

149 100

167 27.3 24.3 36.5

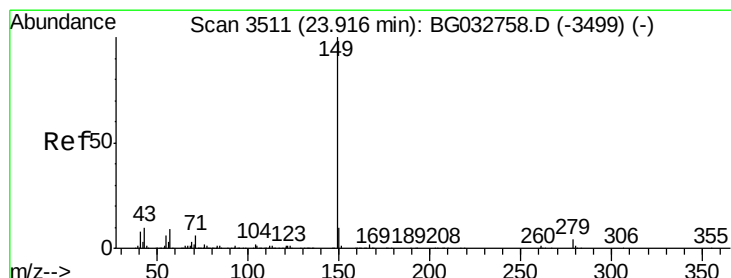
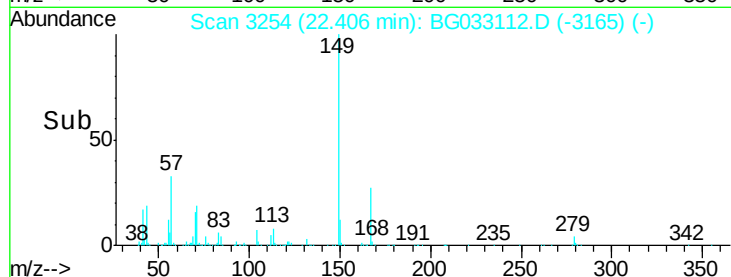
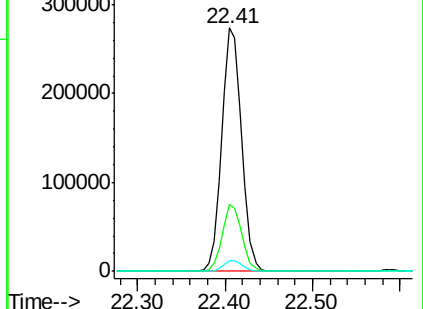
279 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.038 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

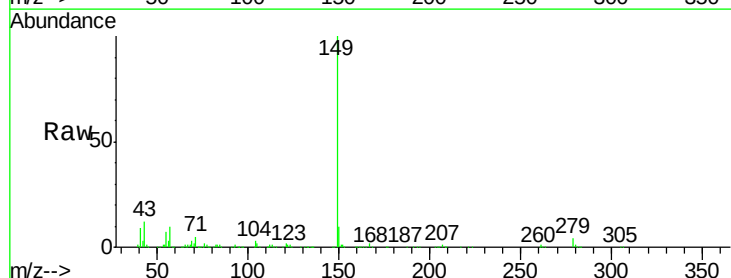
Tgt Ion:149 Resp: 742016

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

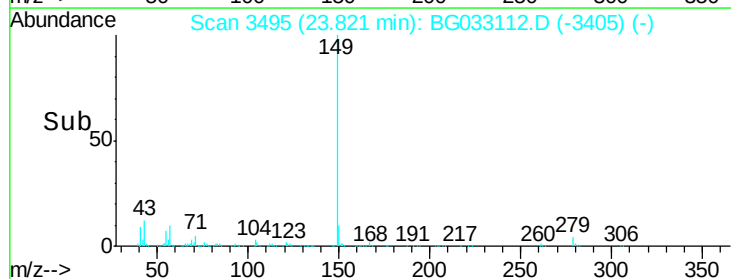
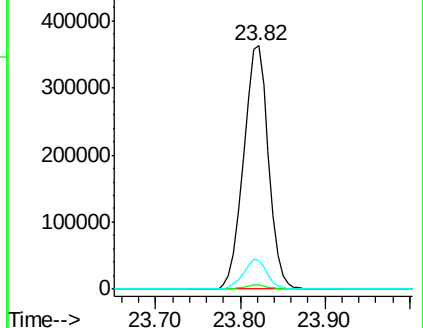
43 11.7 8.9 13.3

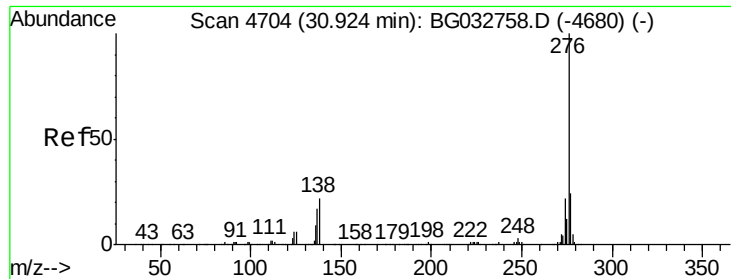


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

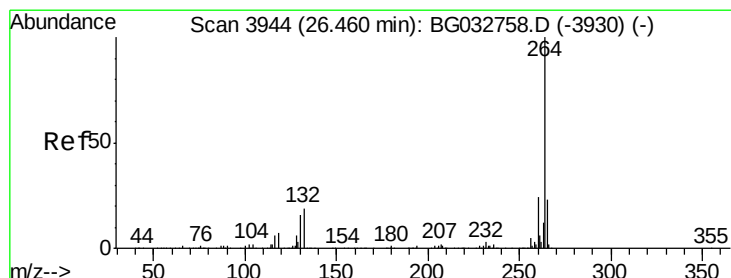
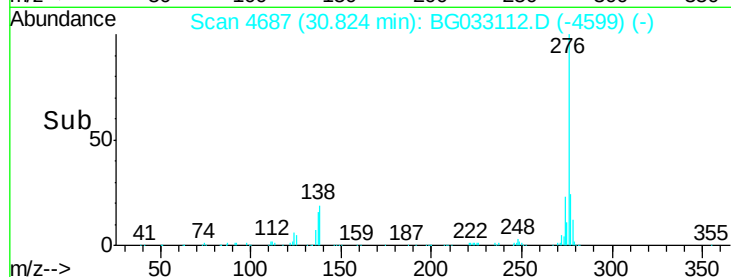
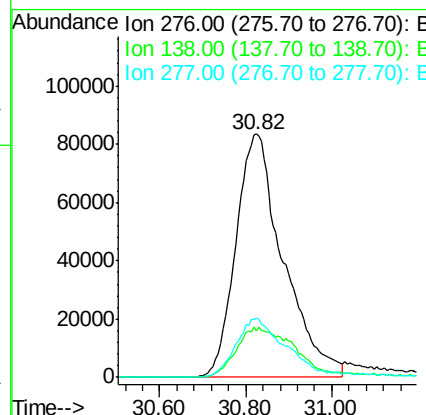
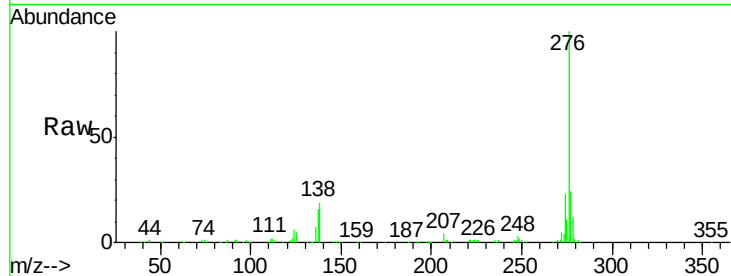




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.507 ng
 RT: 30.82 min Scan# 4687
 Delta R.T. -0.01 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

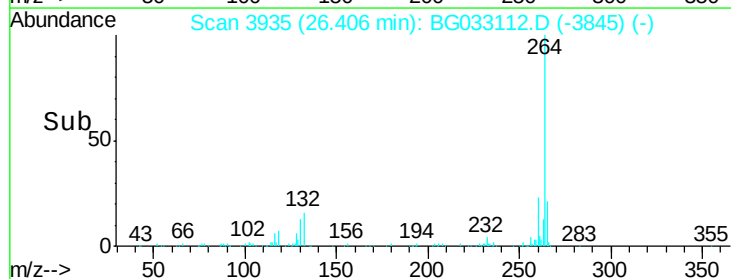
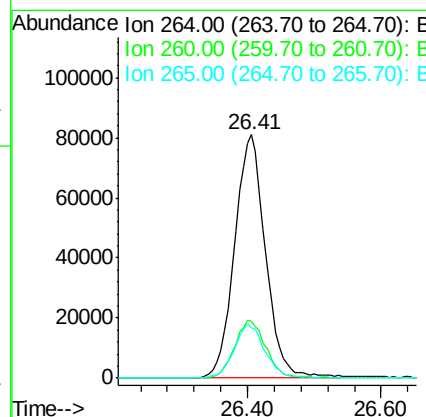
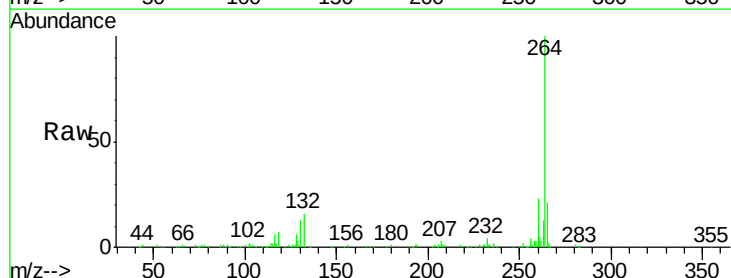
Instrument :
 BNA_G
 ClientSampled :
 PB107261BS

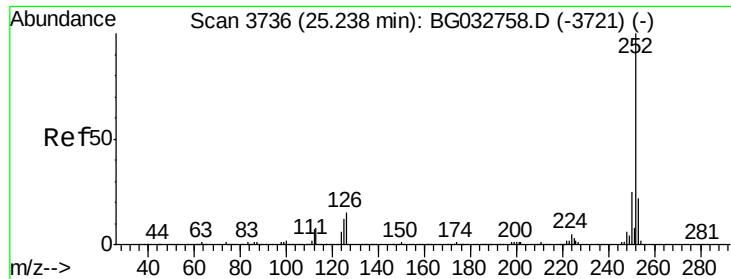
Tgt Ion: 276 Resp: 639981
 Ion Ratio Lower Upper
 276 100
 138 25.1 16.0 24.0#
 277 25.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033112.D
 Acq: 13 Mar 2018 6:00

Tgt Ion: 264 Resp: 260397
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 20.9 17.7 26.5

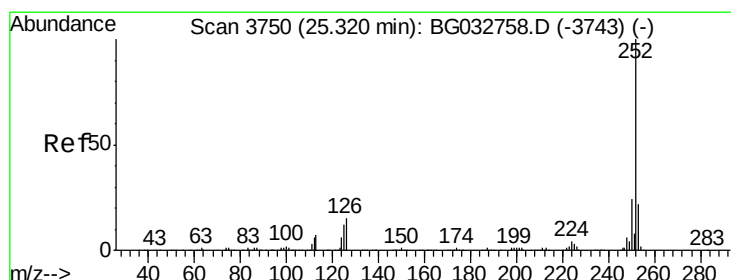
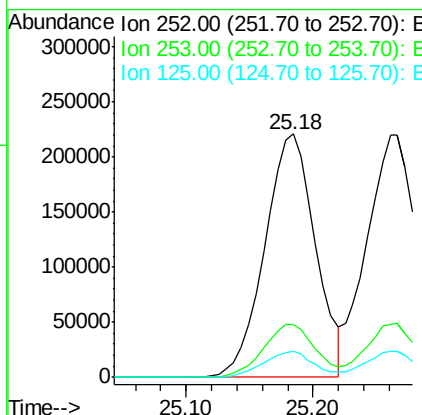
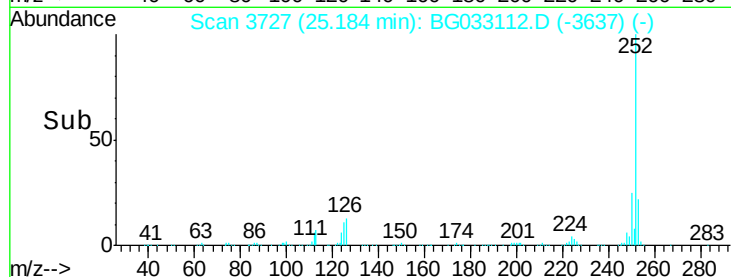
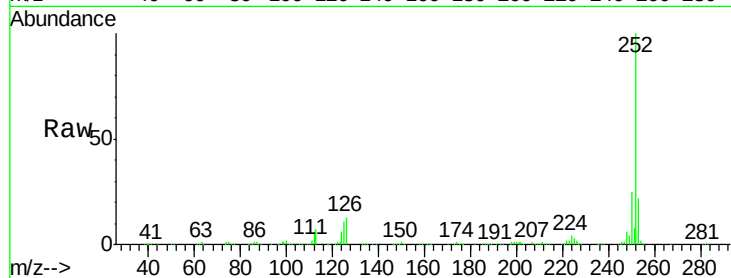




#87
Benzo(b)fluoranthene
Concen: 39.776 ng
RT: 25.18 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

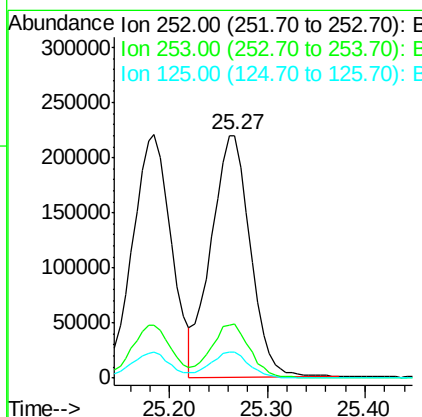
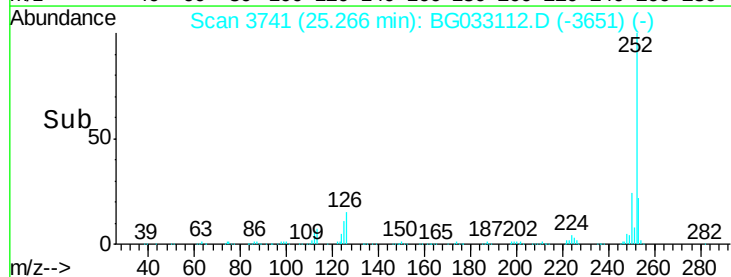
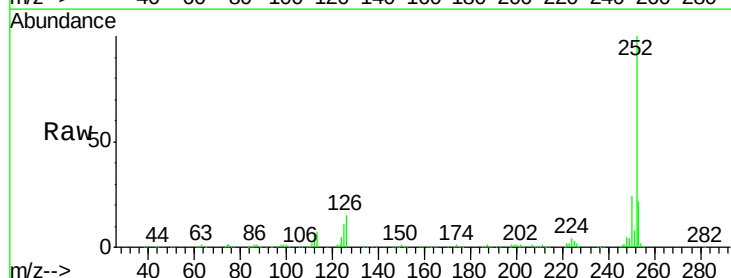
Instrument :
BNA_G
ClientSampleId :
PB107261BS

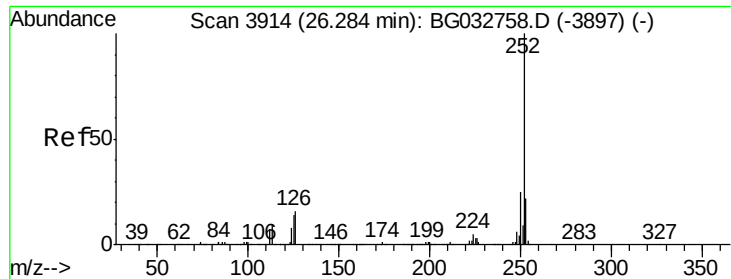
Tgt Ion:252 Resp: 612409
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 10.7 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 39.766 ng
RT: 25.27 min Scan# 3741
Delta R.T. -0.00 min
Lab File: BG033112.D
Acq: 13 Mar 2018 6:00

Tgt Ion:252 Resp: 608483
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.6 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 40.404 ng

RT: 26.23 min Scan# 3905

Delta R.T. -0.00 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

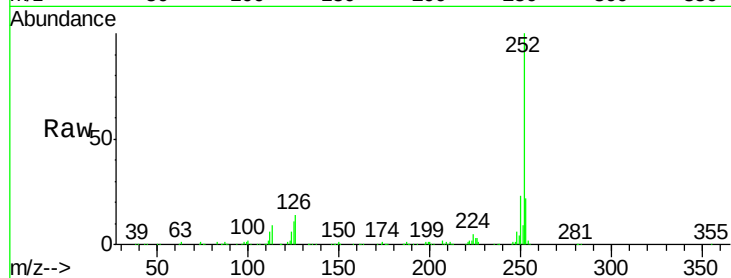
Tgt Ion:252 Resp: 591686

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

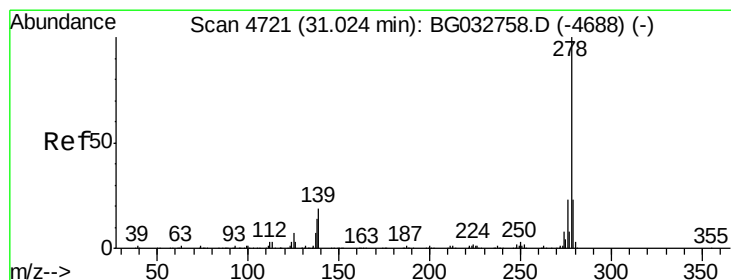
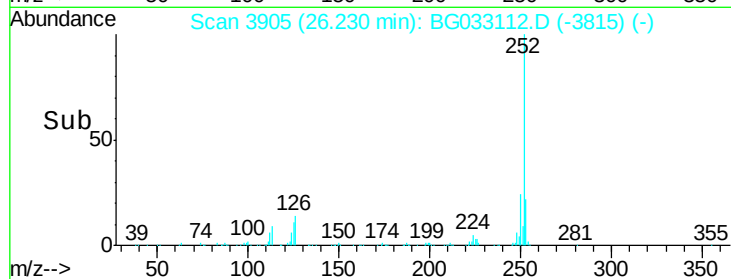
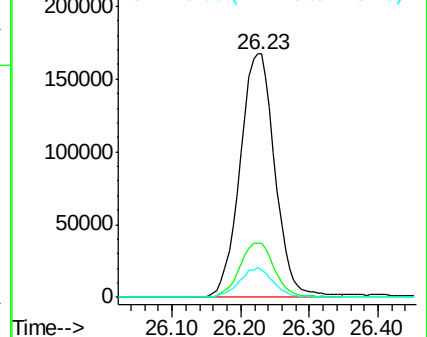
125 11.2 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.814 ng

RT: 30.90 min Scan# 4700

Delta R.T. -0.01 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

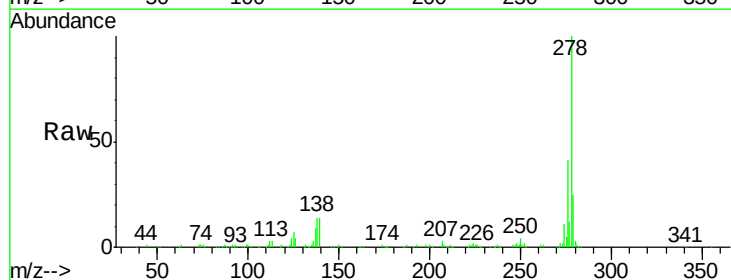
Tgt Ion:278 Resp: 513164

Ion Ratio Lower Upper

278 100

139 14.3 9.8 14.6

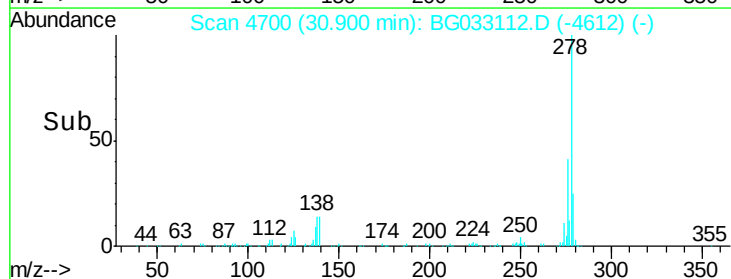
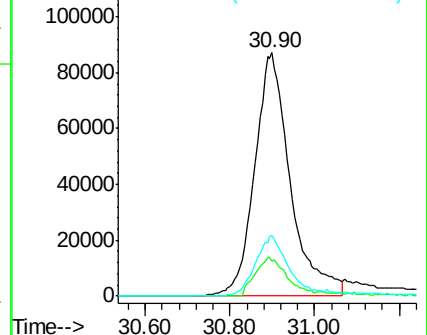
279 24.7 18.4 27.6

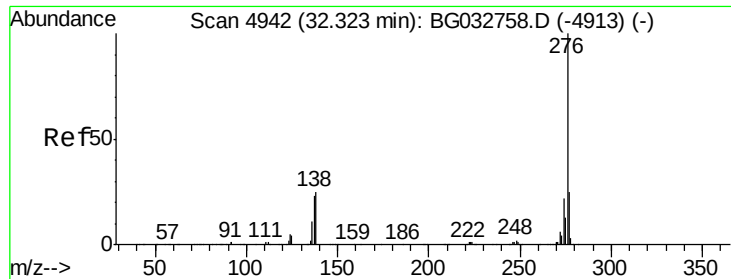


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.416 ng

RT: 32.21 min Scan# 4923

Delta R.T. -0.01 min

Lab File: BG033112.D

Acq: 13 Mar 2018 6:00

Instrument :

BNA_G

ClientSampleId :

PB107261BS

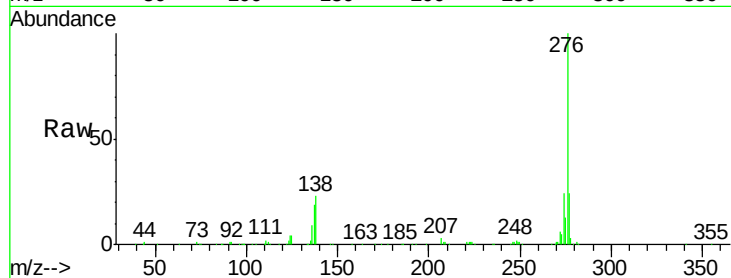
Tgt Ion: 276 Resp: 543682

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 22.7 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

