

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG020518\
 Data File : BG032560.D
 Acq On : 6 Feb 2018 7:32
 Operator : SJ/JU
 Sample : PB106300BS
 Misc : MDL8PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Quant Time: Feb 06 10:15:06 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	26551	20.00	ng	-0.02
21) Naphthalene-d8	11.58	136	104590	20.00	ng	-0.02
38) Acenaphthene-d10	15.34	164	73144	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	192375	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	265697	20.00	ng	-0.01
86) Perylene-d12	26.07	264	302163	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	159451	120.62	ng	0.00
7) Phenol-d6	7.83	99	161566	91.59	ng	0.00
23) Nitrobenzene-d5	9.91	82	118097	70.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	168262	120.85	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	448913	72.95	ng	-0.02
78) Terphenyl-d14	20.61	244	932786	75.20	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.80	88	13602	30.583	ng	# 74
3) Pyridine	4.25	79	37946	31.597	ng	# 79
4) n-Nitrosodimethylamine	4.16	42	21148	33.829	ng	# 76
6) Aniline	8.00	93	19868	9.034	ng	97
8) 2-Chlorophenol	8.26	128	66880	42.802	ng	# 81
9) Benzaldehyde	7.81	77	11531	12.656	ng	94
10) Phenol	7.85	94	56466	33.708	ng	92
11) bis(2-Chloroethyl)ether	8.09	93	44665	34.994	ng	# 78
12) 1,3-Dichlorobenzene	8.59	146	73725	34.889	ng	95
13) 1,4-Dichlorobenzene	8.75	146	76701	36.214	ng	95
14) 1,2-Dichlorobenzene	9.07	146	72196	34.797	ng	95
15) Benzyl Alcohol	8.95	79	50343	34.629	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.23	45	40768	33.708	ng	65
17) 2-Methylphenol	9.15	107	50445	37.078	ng	# 92
18) Hexachloroethane	9.83	117	25610	36.014	ng	# 78
19) n-Nitroso-di-n-propylamine	9.51	70	39907	34.121	ng	# 87
20) 3+4-Methylphenols	9.49	107	66999	35.107	ng	95
22) Acetophenone	9.55	105	85147	34.730	ng	# 93
24) Nitrobenzene	9.95	77	58243	35.970	ng	# 90
25) Isophorone	10.47	82	109084	38.259	ng	# 81
26) 2-Nitrophenol	10.68	139	37977	38.799	ng	# 80
27) 2,4-Dimethylphenol	10.71	122	59743	42.525	ng	# 92
28) bis(2-Chloroethoxy)methane	10.95	93	63689	40.735	ng	# 95
29) 2,4-Dichlorophenol	11.22	162	78863	42.374	ng	87
30) 1,2,4-Trichlorobenzene	11.44	180	87079	35.105	ng	95
31) Naphthalene	11.64	128	193721	37.923	ng	99
32) Benzoic acid	10.71	122	59743	55.638	ng	# 8
33) 4-Chloroaniline	11.74	127	25240	11.078	ng	# 91
34) Hexachlorobutadiene	11.90	225	67605	35.030	ng	100
35) Caprolactam	12.50	113	19792	37.045	ng	# 50
36) 4-Chloro-3-methylphenol	12.82	107	72117	40.852	ng	90
37) 2-Methylnaphthalene	13.20	142	158002	36.817	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	127389	37.228	ng	95
40) Hexachlorocyclopentadiene	13.53	237	178165	83.332	ng	91

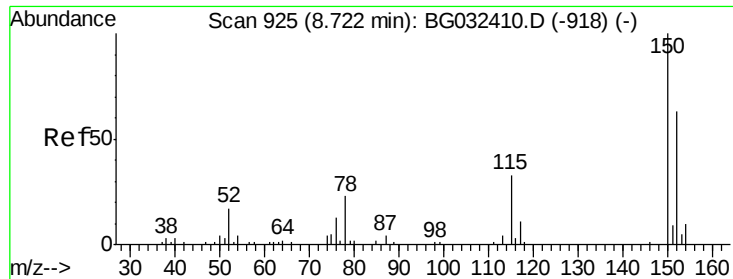
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG020518\
 Data File : BG032560.D
 Acq On : 6 Feb 2018 7:32
 Operator : SJ/JU
 Sample : PB106300BS
 Misc : MDL8PPM
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Quant Time: Feb 06 10:15:06 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	73501	39.489	ng	98
43) 2,4,5-Trichlorophenol	13.87	196	77674	35.798	ng #	90
45) 1,1'-Biphenyl	14.18	154	229229	37.095	ng	96
46) 2-Chloronaphthalene	14.23	162	175920	36.321	ng	99
47) 2-Nitroaniline	14.43	65	39148	36.550	ng #	67
48) Acenaphthylene	15.07	152	267724	36.564	ng	99
49) Dimethylphthalate	14.77	163	236007	34.994	ng	98
50) 2,6-Dinitrotoluene	14.90	165	53112	37.521	ng #	74
51) Acenaphthene	15.41	154	174159	34.297	ng	97
52) 3-Nitroaniline	15.24	138	21044	17.020	ng #	64
53) 2,4-Dinitrophenol	15.44	184	7931	12.620	ng #	78
54) Dibenzofuran	15.74	168	282106	37.534	ng	98
55) 4-Nitrophenol	15.53	139	68730	74.251	ng #	78
56) 2,4-Dinitrotoluene	15.68	165	77862	38.633	ng #	68
57) Fluorene	16.38	166	222308	35.594	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.95	232	85845	40.114	ng #	86
59) Diethylphthalate	16.11	149	228103	34.727	ng	97
60) 4-Chlorophenyl-phenylether	16.36	204	138154	35.079	ng	94
61) 4-Nitroaniline	16.40	138	43507	32.830	ng	85
62) Azobenzene	16.65	77	145987	37.191	ng	85
64) 4,6-Dinitro-2-methylphenol	16.44	198	15913	11.072	ng #	67
65) n-Nitrosodiphenylamine	16.57	169	215961	37.617	ng	98
66) 4-Bromophenyl-phenylether	17.25	248	107315	37.654	ng	94
67) Hexachlorobenzene	17.38	284	117356	37.209	ng #	89
68) Atrazine	17.49	200	100001	40.576	ng	94
69) Pentachlorophenol	17.72	266	98136	49.670	ng	98
70) Phenanthrene	18.12	178	397429	37.045	ng	99
71) Anthracene	18.21	178	414015	38.758	ng	97
72) Carbazole	18.48	167	360809	38.228	ng	99
73) Di-n-butylphthalate	18.97	149	406015	38.854	ng	98
74) Fluoranthene	20.08	202	534381	37.982	ng	95
76) Benzidine	20.25	184	142000	27.218	ng	99
77) Pyrene	20.44	202	547896	33.621	ng	99
79) Butylbenzylphthalate	21.30	149	193581	37.660	ng #	73
80) Benzo(a)anthracene	22.38	228	629398	38.211	ng	99
81) 3,3'-Dichlorobenzidine	22.28	252	92454	14.487	ng #	98
82) Chrysene	22.46	228	587917	36.959	ng	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	281292	38.595	ng #	98
84) Di-n-octyl phthalate	23.59	149	519295	44.921	ng #	89
85) Indeno(1,2,3-cd)pyrene	30.33	276	854701	42.473	ng #	85
87) Benzo(b)fluoranthene	24.90	252	710293	38.904	ng #	95
88) Benzo(k)fluoranthene	24.98	252	694893	38.421	ng #	96
89) Benzo(a)pyrene	25.90	252	692372	39.778	ng #	96
90) Dibenzo(a,h)anthracene	30.40	278	709622	39.854	ng #	93
91) Benzo(g,h,i)perylene	31.67	276	705249	39.904	ng #	91

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

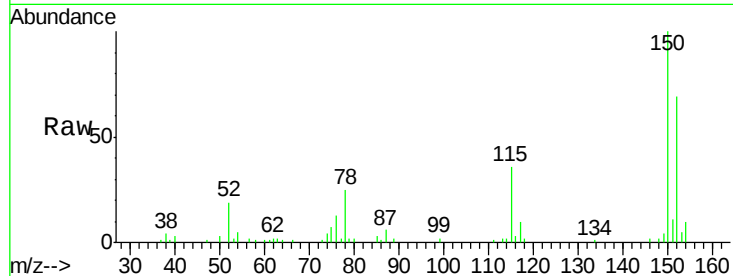


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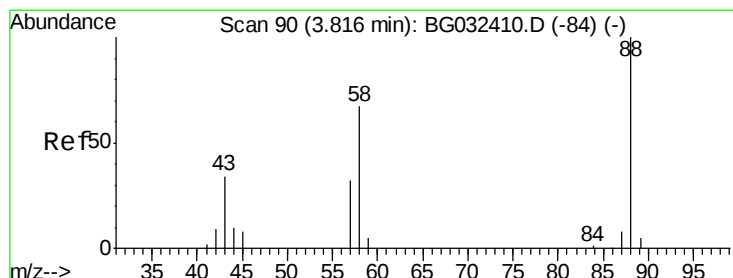
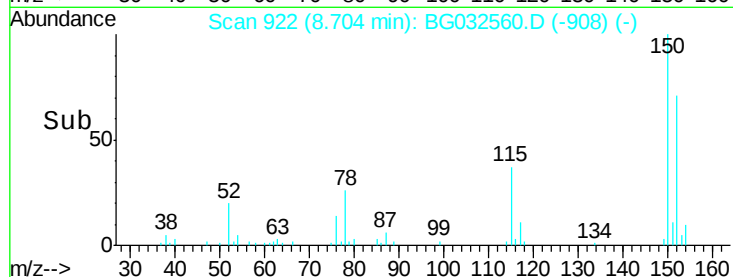
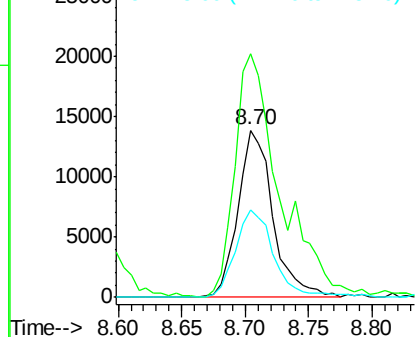
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tgt Ion: 152 Resp: 26551
Ion Ratio Lower Upper
152 100
150 145.8 126.6 189.8
115 52.0 53.0 79.4#



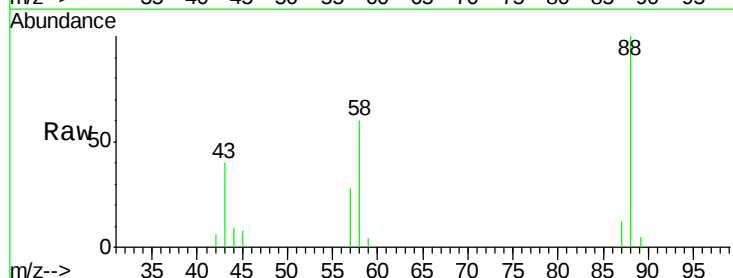
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



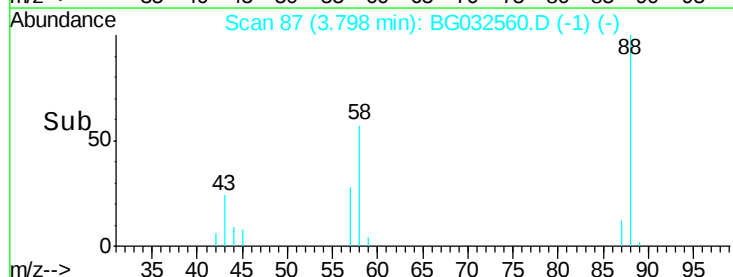
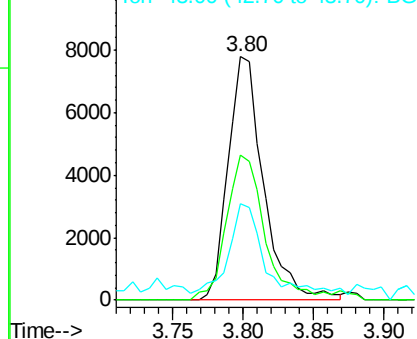
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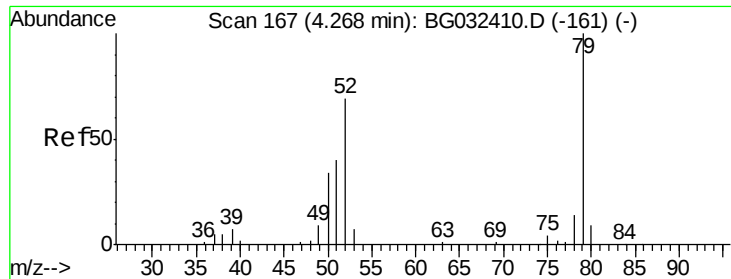
1,4-Dioxane
Concen: 30.583 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion: 88 Resp: 13602
Ion Ratio Lower Upper
88 100
58 65.0 79.6 119.4#
43 34.3 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: 31.597 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

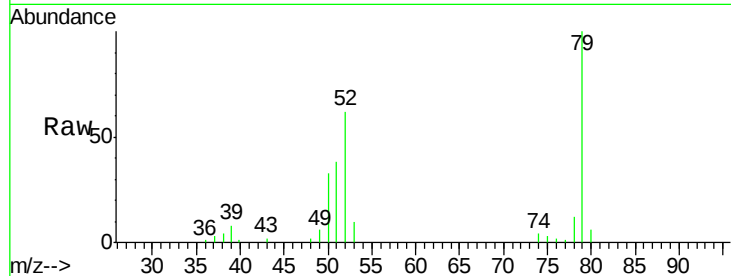
Tgt Ion: 79 Resp: 37946

Ion Ratio Lower Upper

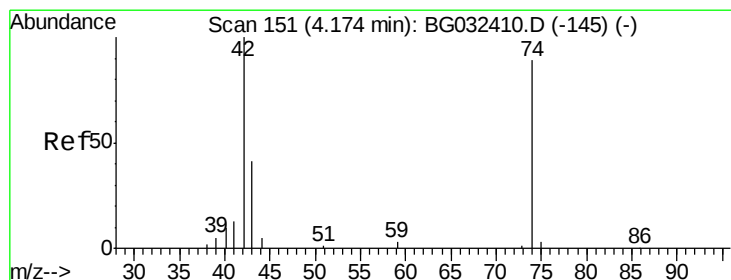
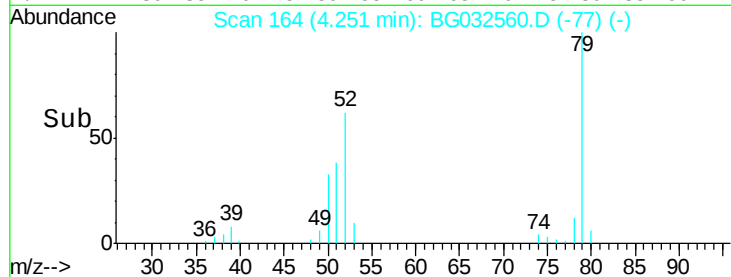
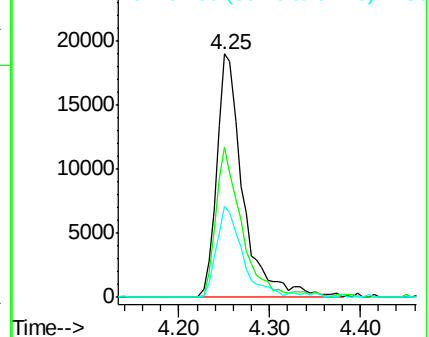
79 100

52 61.9 69.9 104.9#

51 37.6 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: 33.829 ng

RT: 4.16 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

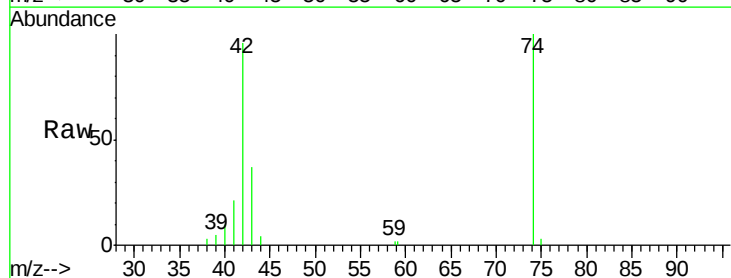
Tgt Ion: 42 Resp: 21148

Ion Ratio Lower Upper

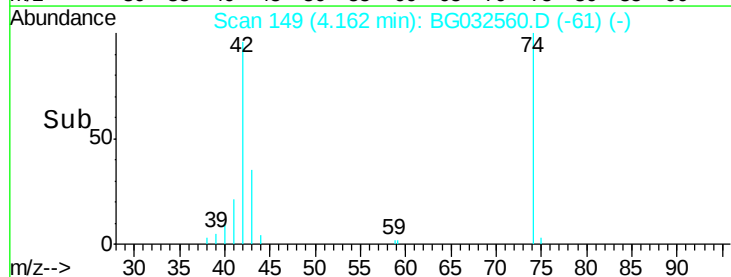
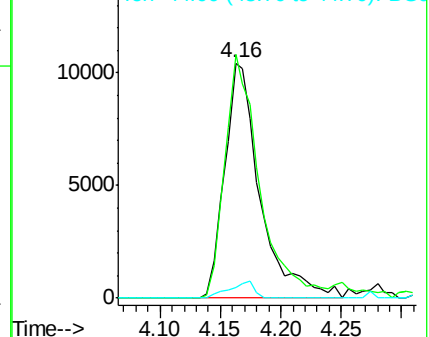
42 100

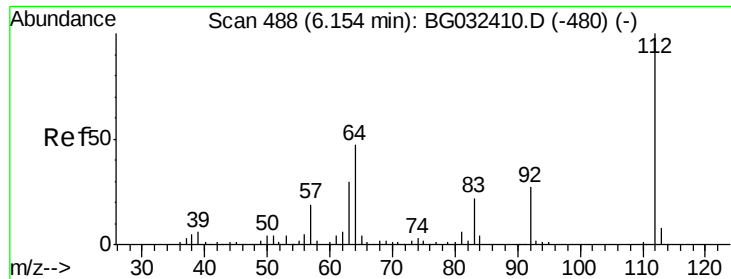
74 103.8 102.5 153.7

44 4.3 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: 120.623 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

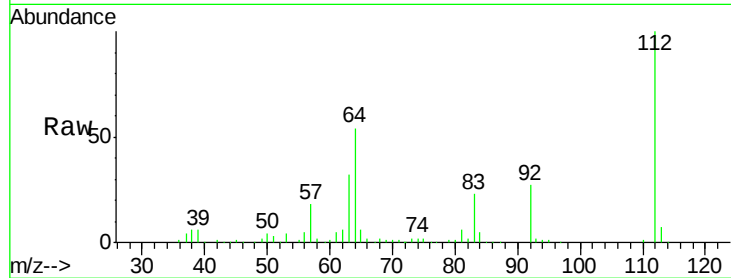
Tgt Ion: 112 Resp: 159451

Ion Ratio Lower Upper

112 100

64 53.7 56.3 84.5#

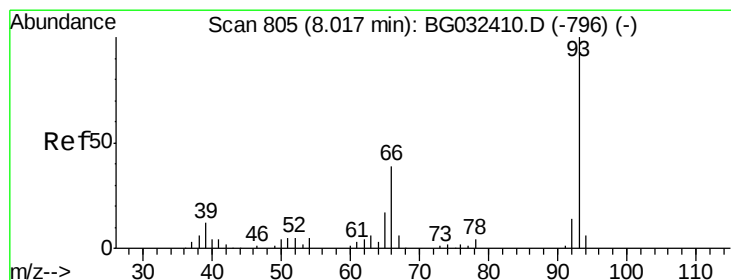
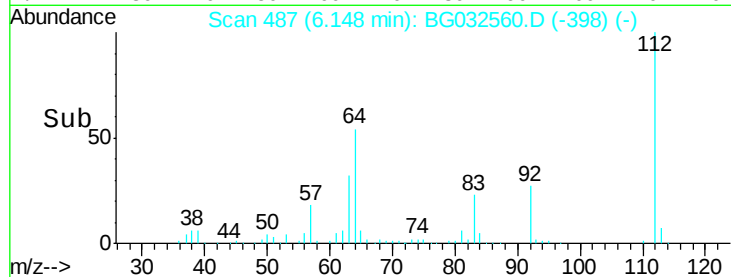
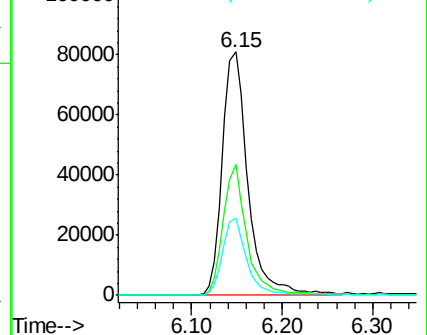
63 31.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.034 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

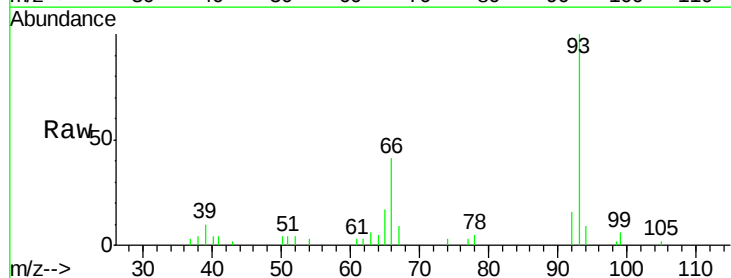
Tgt Ion: 93 Resp: 19868

Ion Ratio Lower Upper

93 100

66 41.5 33.7 50.5

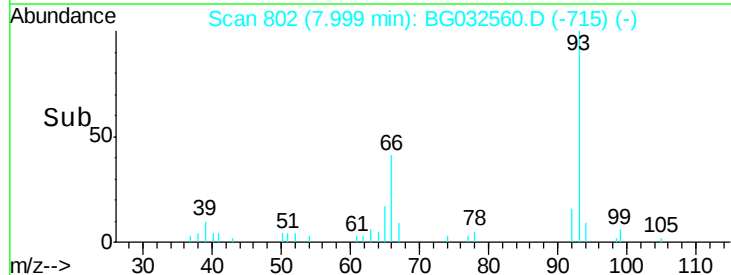
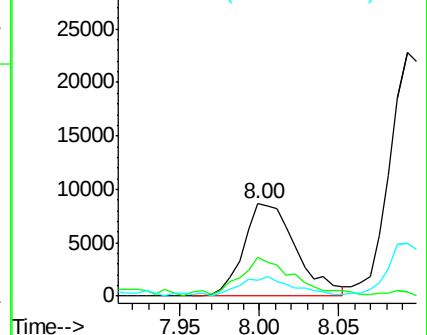
65 16.7 16.1 24.1

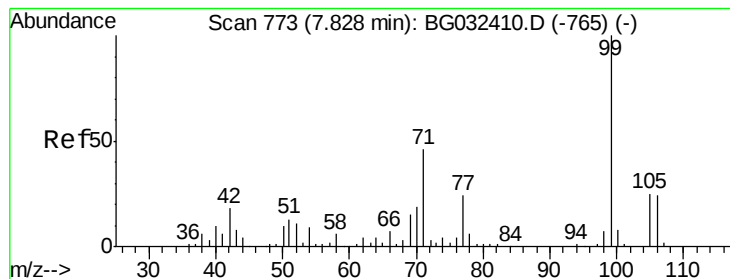


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 91.593 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

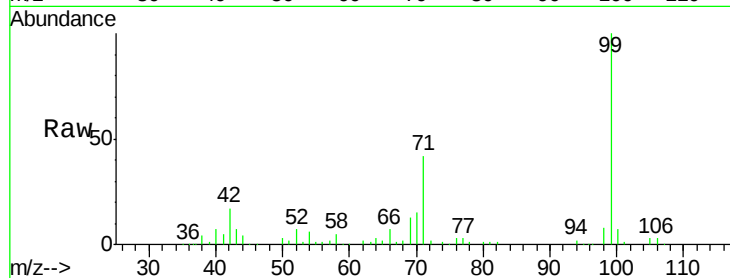
Tgt Ion: 99 Resp: 161566

Ion Ratio Lower Upper

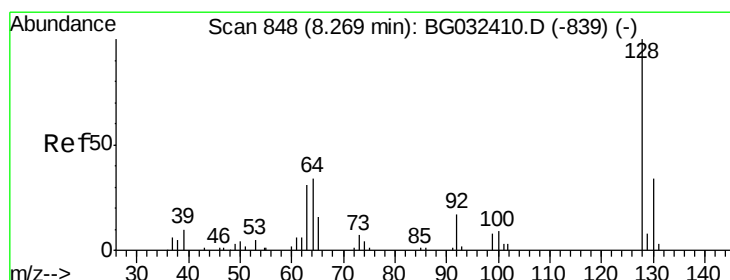
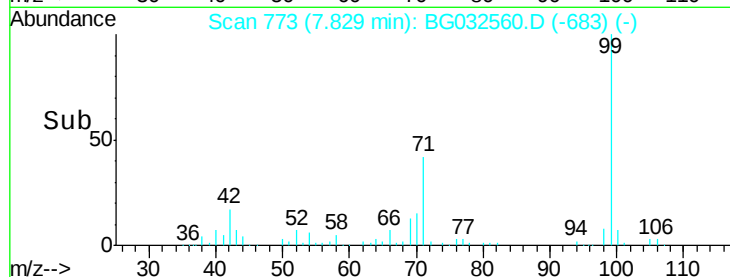
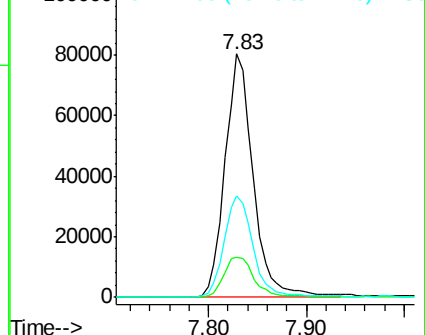
99 100

42 16.6 14.1 21.1

71 41.5 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: 42.802 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

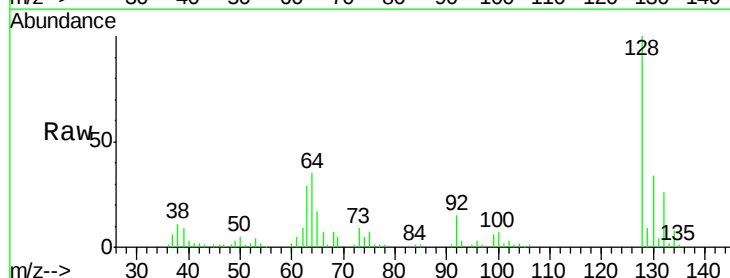
Tgt Ion: 128 Resp: 66880

Ion Ratio Lower Upper

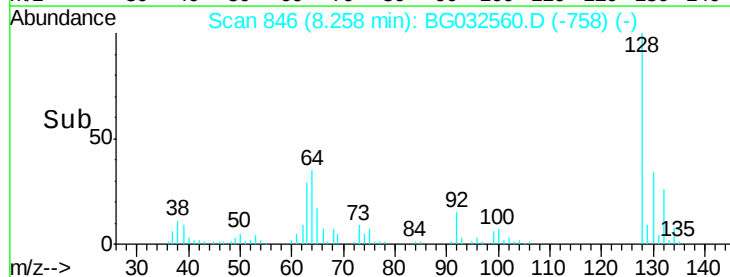
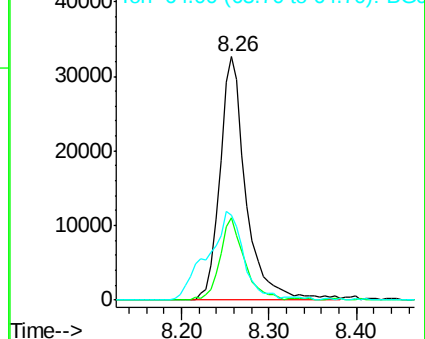
128 100

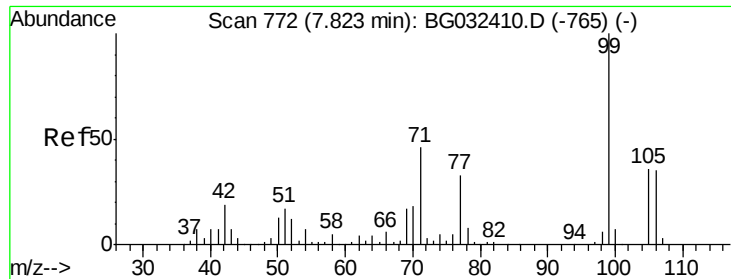
130 34.0 14.0 54.0

64 35.0 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: 12.656 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

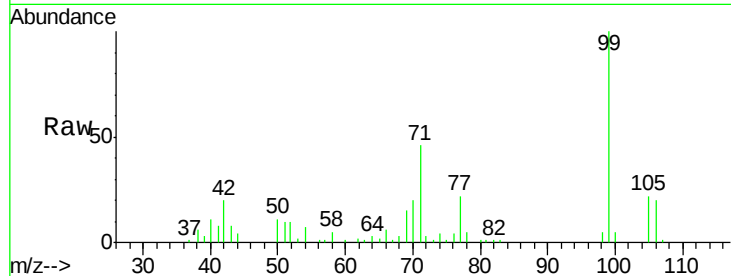
Tgt Ion: 77 Resp: 11531

Ion Ratio Lower Upper

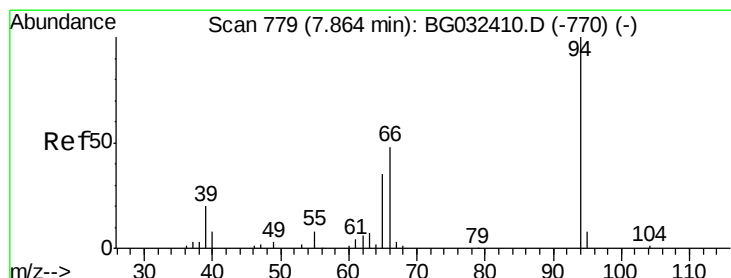
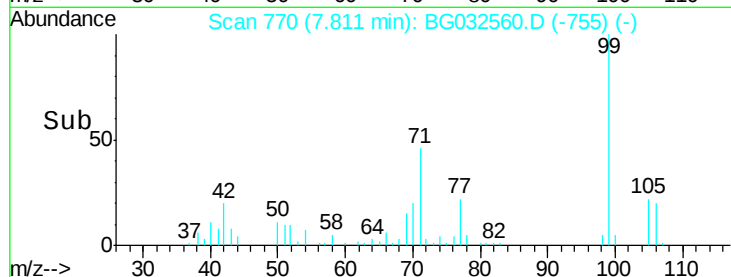
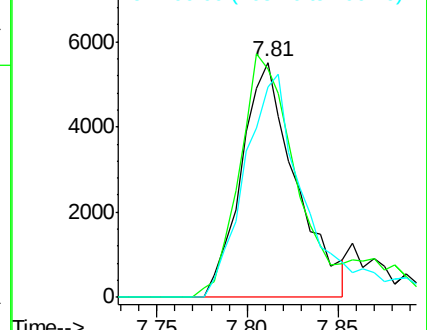
77 100

105 97.2 71.3 111.3

106 89.5 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: 33.708 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

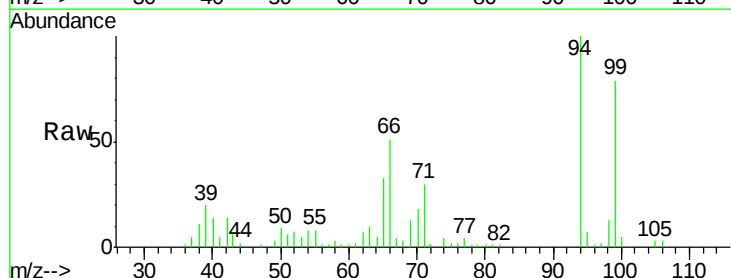
Tgt Ion: 94 Resp: 56466

Ion Ratio Lower Upper

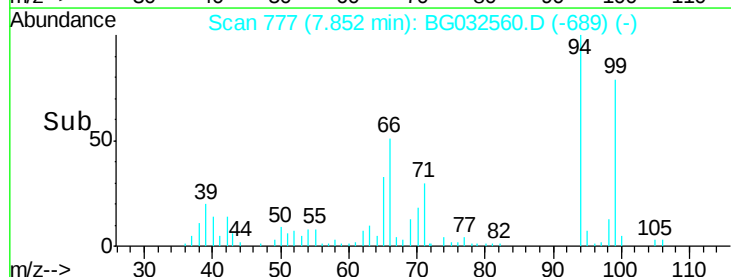
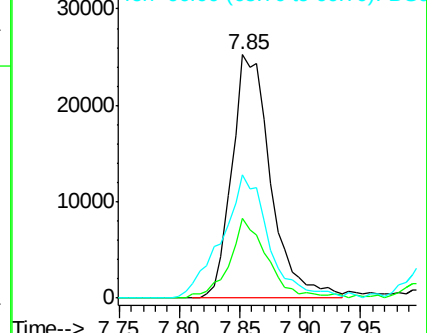
94 100

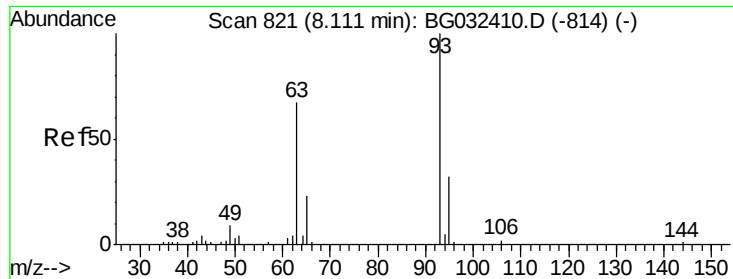
65 32.9 11.9 51.9

66 50.5 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

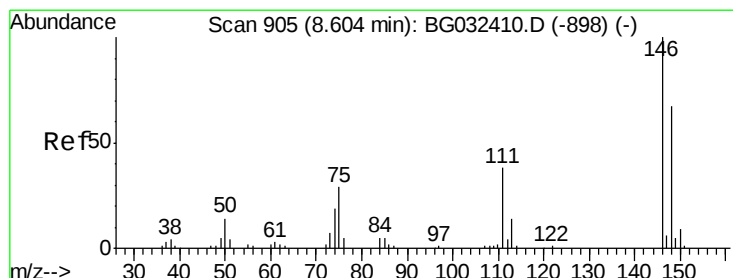
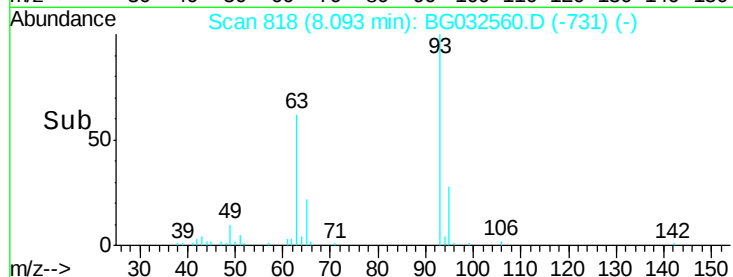
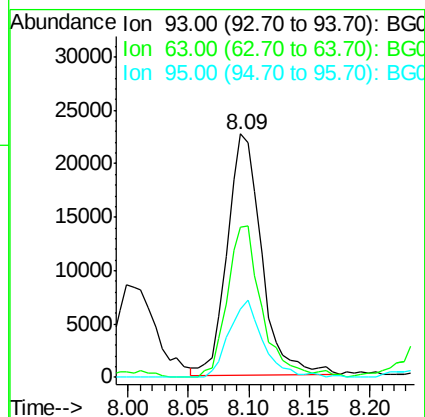
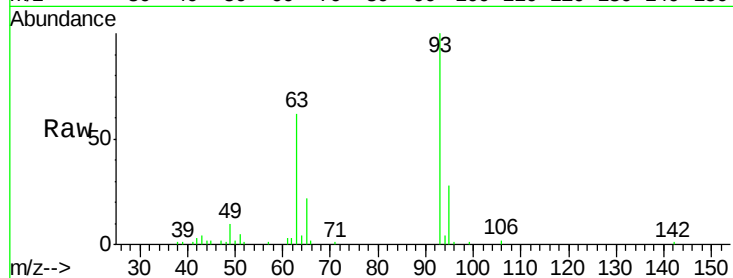




#11
 bis(2-Chloroethyl)ether
 Concen: 34.994 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

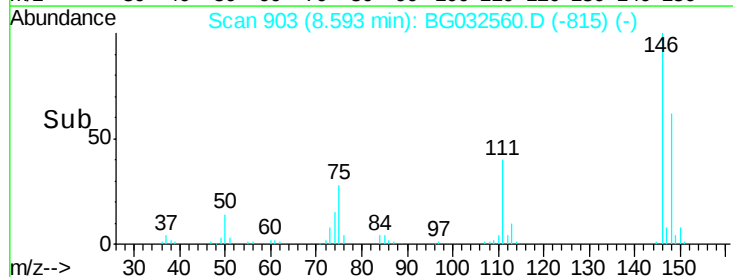
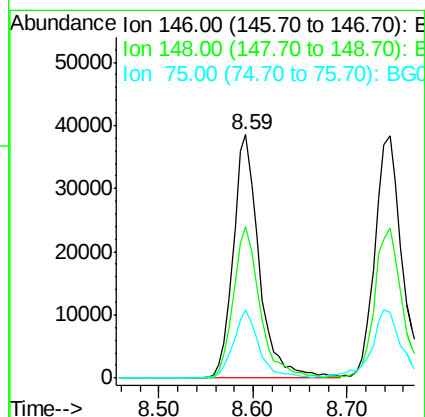
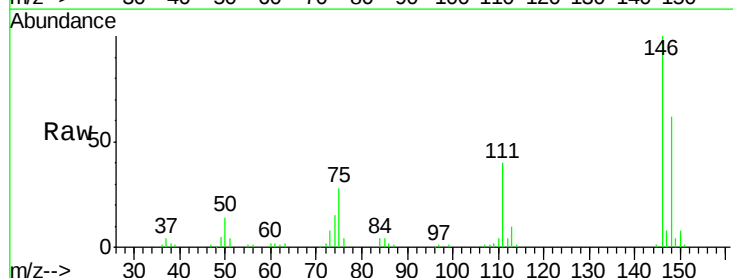
Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

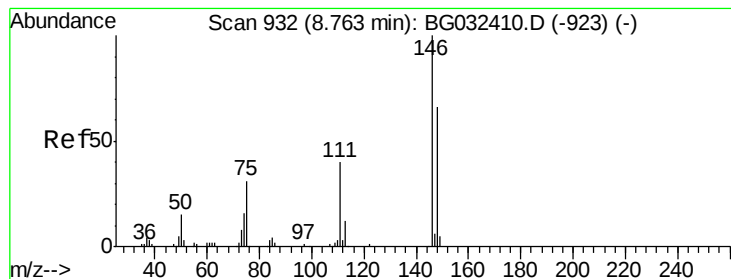
Tgt Ion: 93 Resp: 44665
 Ion Ratio Lower Upper
 93 100
 63 61.6 67.1 107.1#
 95 27.9 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 34.889 ng
 RT: 8.59 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion: 146 Resp: 73725
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.4 77.2
 75 28.2 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 36.214 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

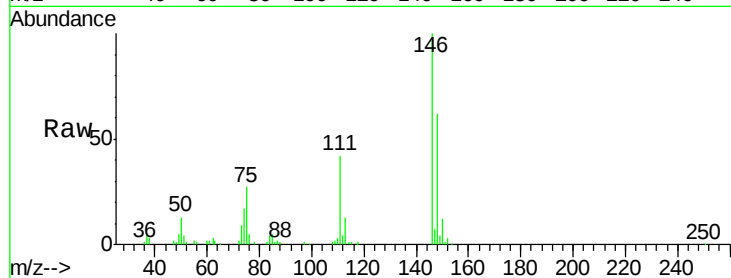
Tgt Ion:146 Resp: 76701

Ion Ratio Lower Upper

146 100

148 61.9 53.7 80.5

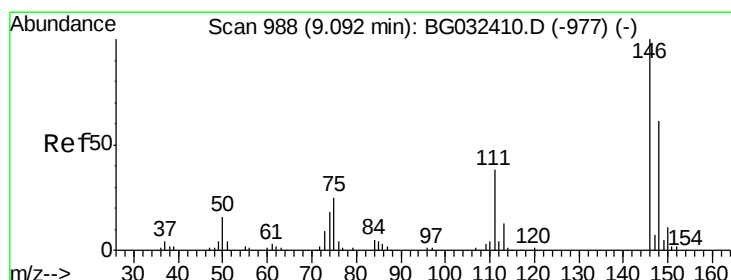
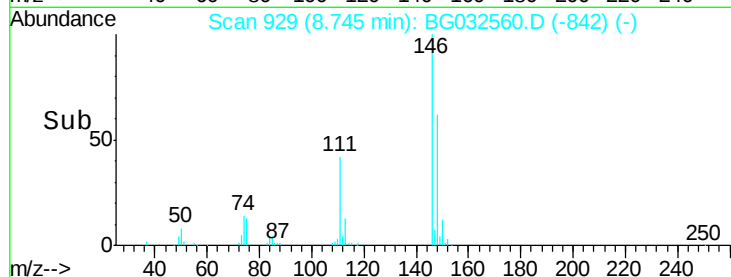
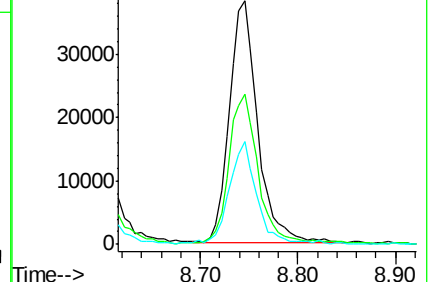
111 42.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.797 ng

RT: 9.07 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

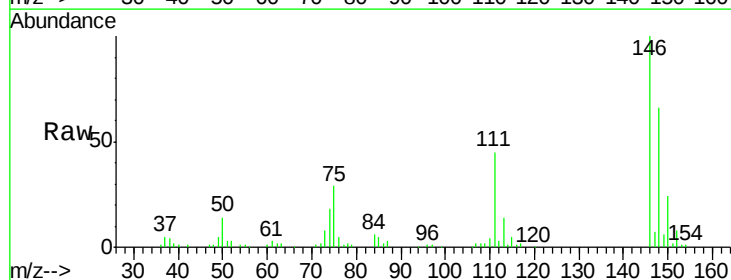
Tgt Ion:146 Resp: 72196

Ion Ratio Lower Upper

146 100

148 66.1 49.3 73.9

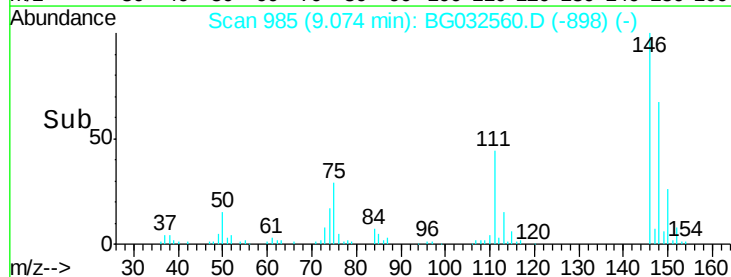
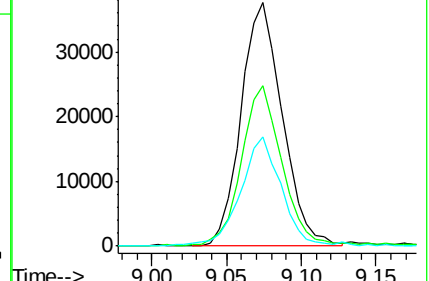
111 44.9 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.629 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

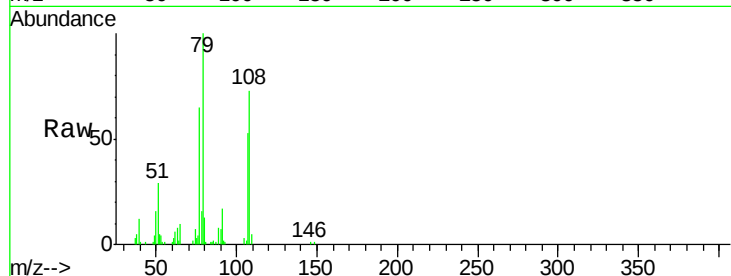
Tgt Ion: 79 Resp: 50343

Ion Ratio Lower Upper

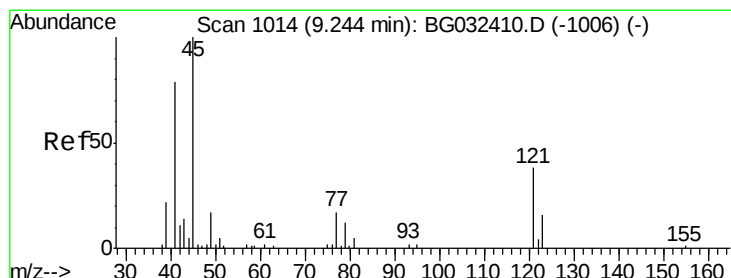
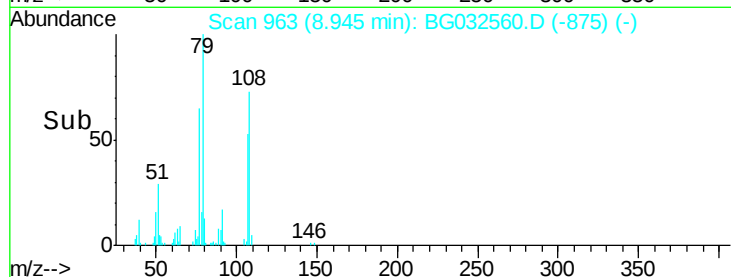
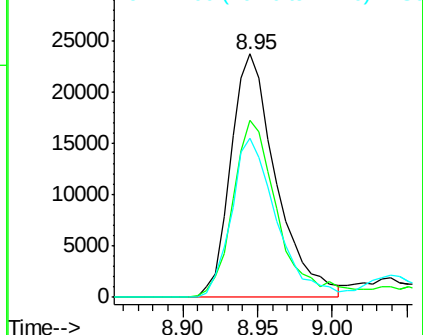
79 100

108 72.7 57.2 85.8

77 65.2 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: 33.708 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

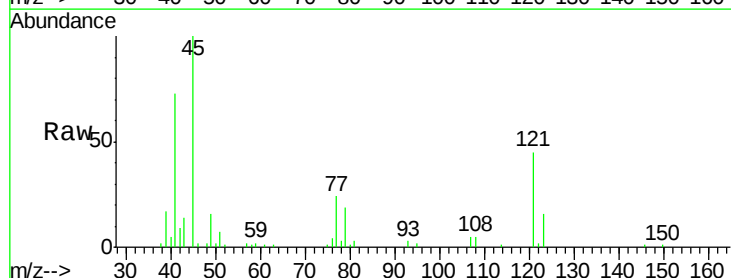
Tgt Ion: 45 Resp: 40768

Ion Ratio Lower Upper

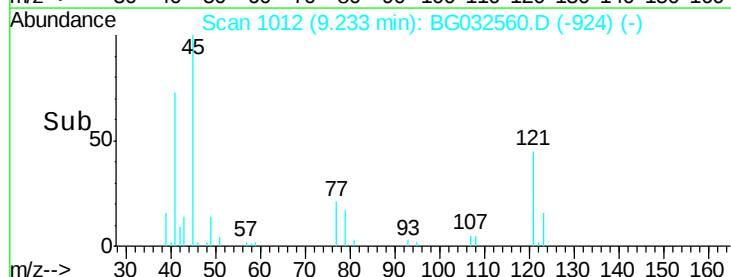
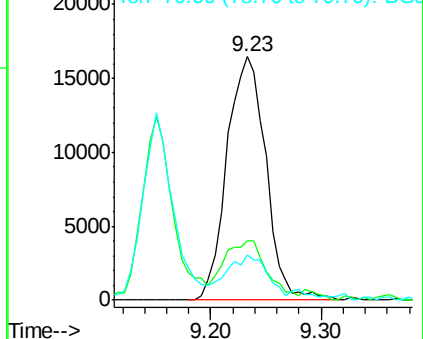
45 100

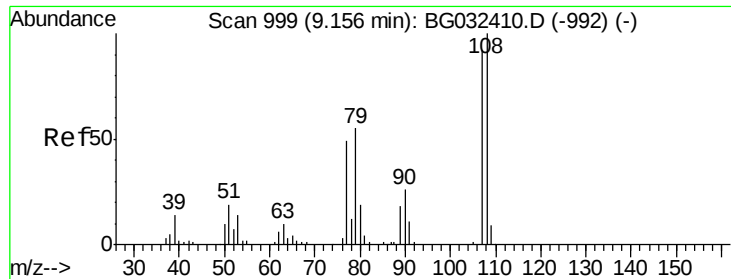
77 24.2 0.0 30.2

79 18.7 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

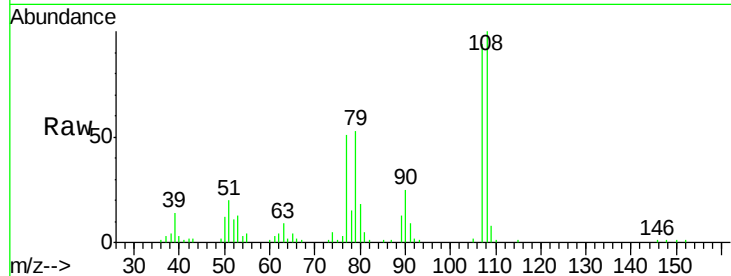




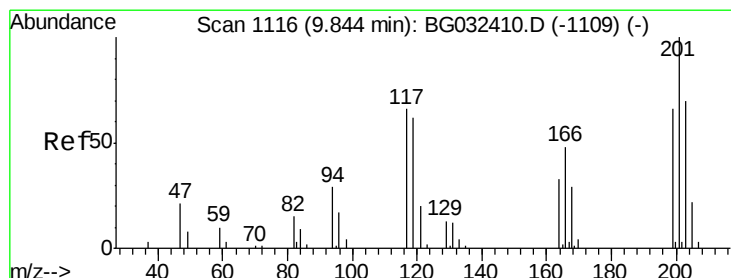
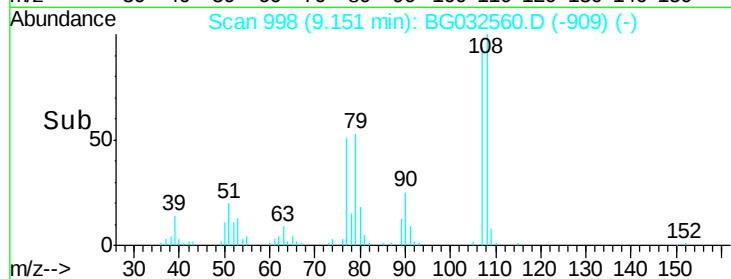
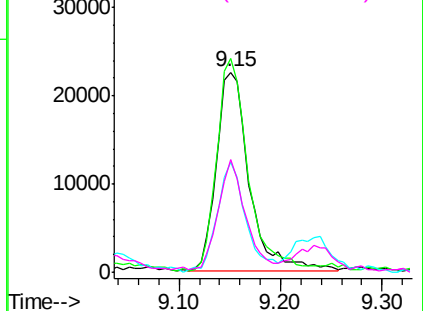
#17
2-Methylphenol
Concen: 37.078 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tgt Ion:107 Resp: 50445
Ion Ratio Lower Upper
107 100
108 106.6 83.9 125.9
77 54.7 37.2 55.8
79 56.0 36.2 54.2#

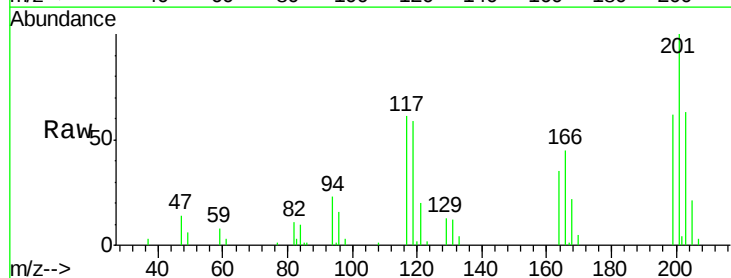


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

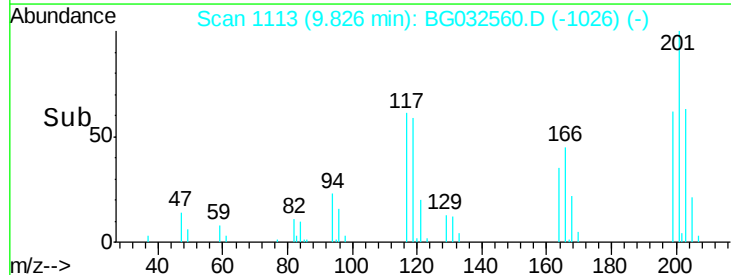
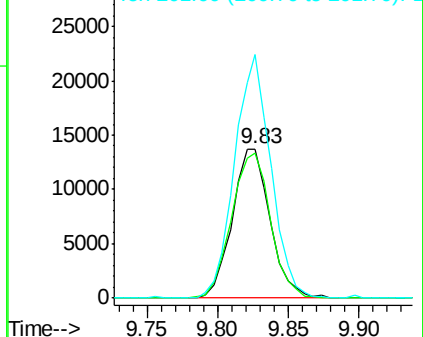


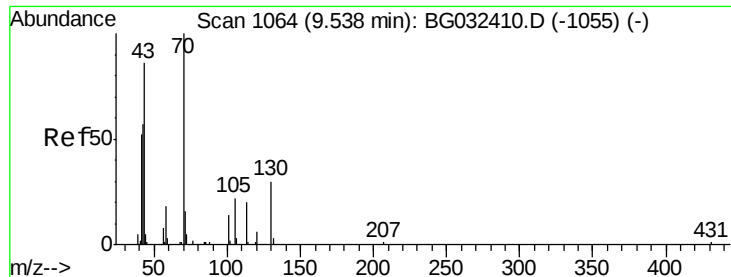
#18
Hexachloroethane
Concen: 36.014 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:117 Resp: 25610
Ion Ratio Lower Upper
117 100
119 97.0 76.7 115.1
201 163.5 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

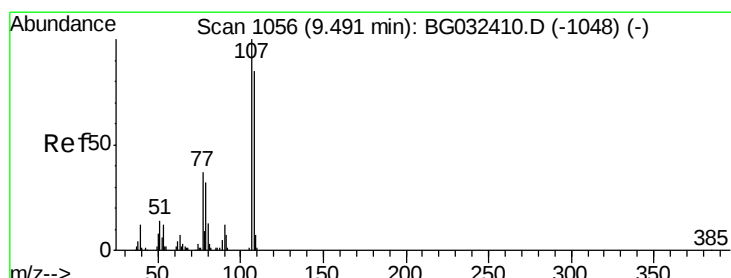
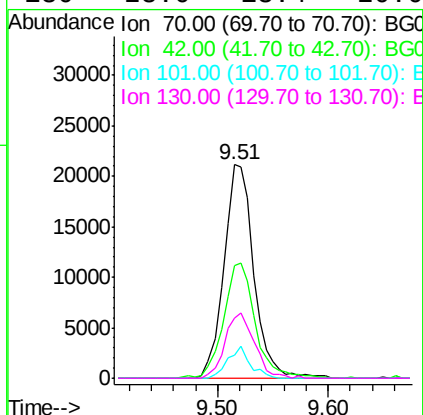
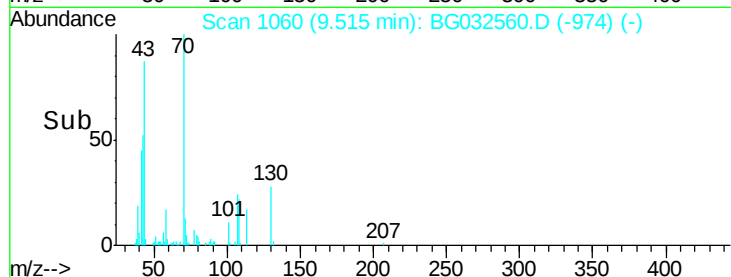
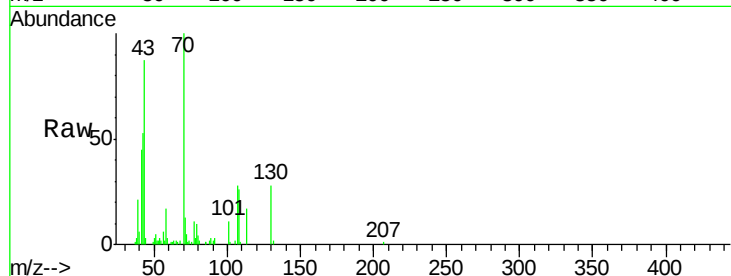




#19
n-Nitroso-di-n-propylamine
Concen: 34.121 ng
RT: 9.51 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

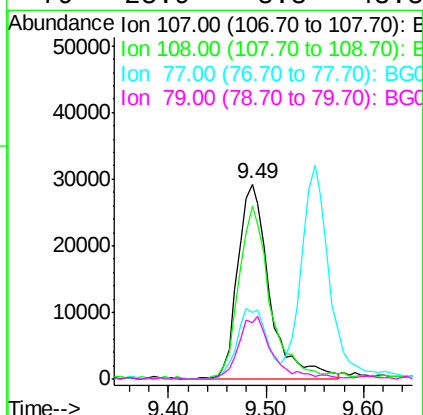
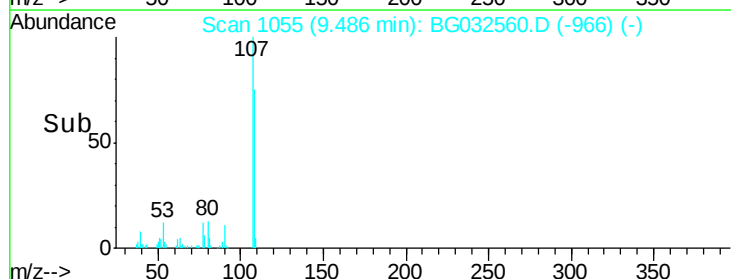
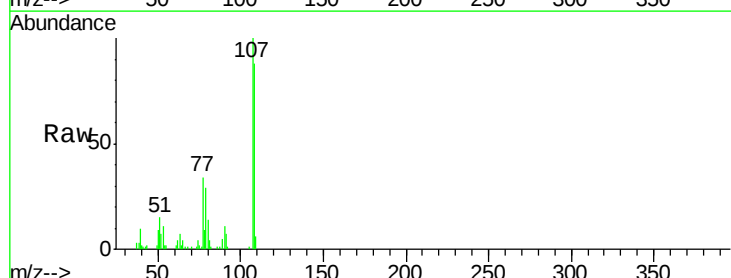
Instrument :
BNA_G
ClientSampleId :
PB106300BS

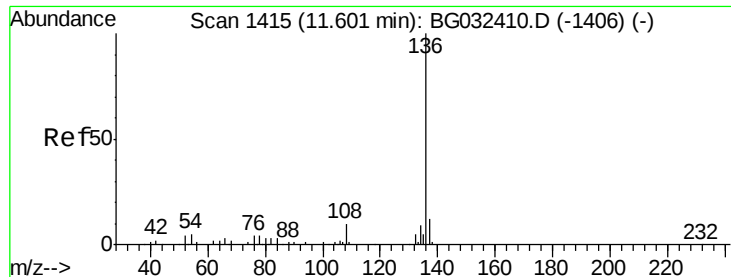
Tgt Ion:	70	Resp:	39907
Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.1	73.7
101	10.8	8.5	12.7
130	28.0	13.4	20.0#



#20
3+4-Methylphenols
Concen: 35.107 ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:	107	Resp:	66999
Ion	Ratio	Lower	Upper
107	100		
108	88.4	61.6	101.6
77	34.2	13.9	53.9
79	28.9	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.58 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

Tgt Ion:136 Resp: 104590

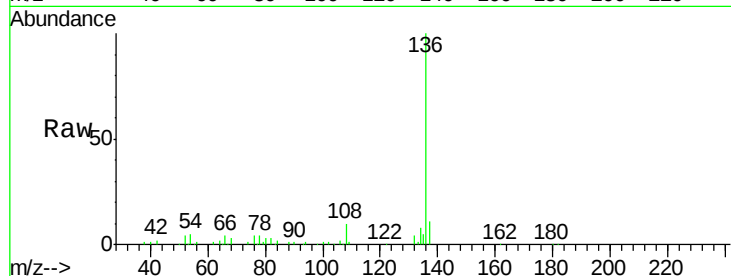
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 5.3 10.3 15.5#

68 3.0 4.5 6.7#

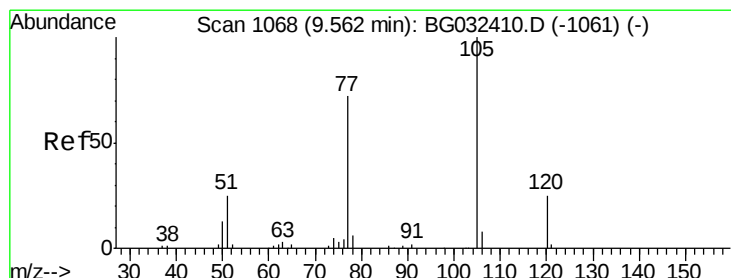
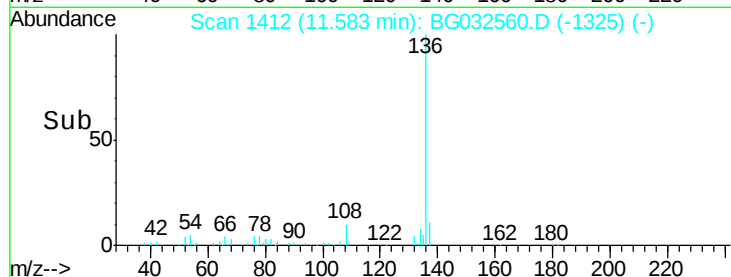
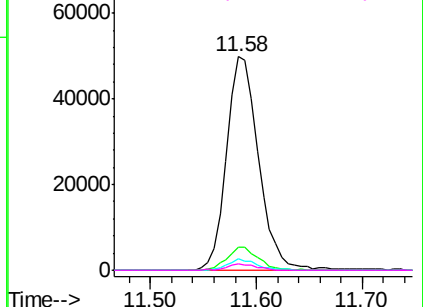


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.730 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:105 Resp: 85147

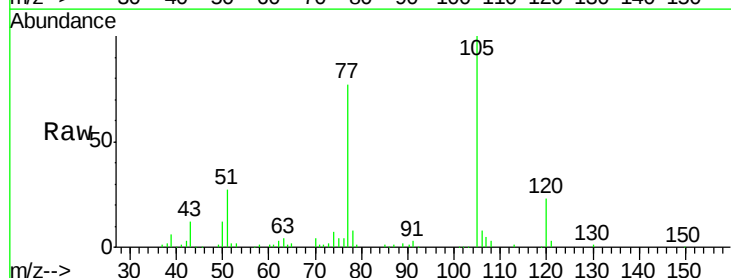
Ion Ratio Lower Upper

105 100

71 0.9 3.0 4.4#

51 27.1 26.1 39.1

120 23.3 17.4 26.2

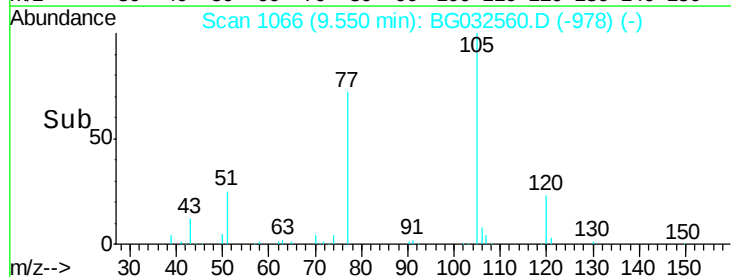
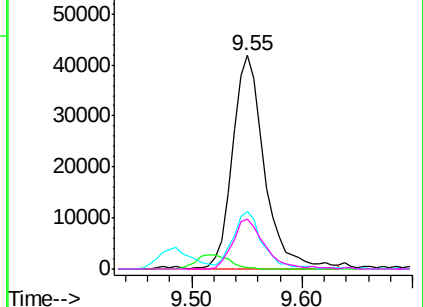


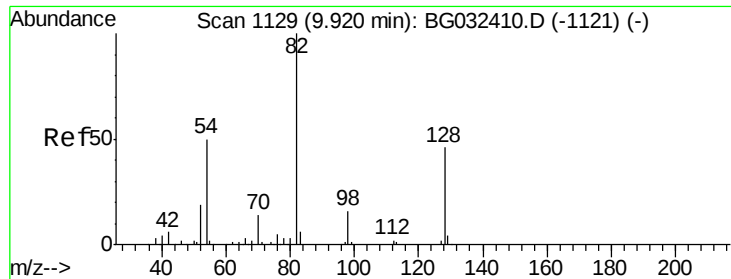
Abundance Ion 105.00 (104.70 to 105.70): E

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

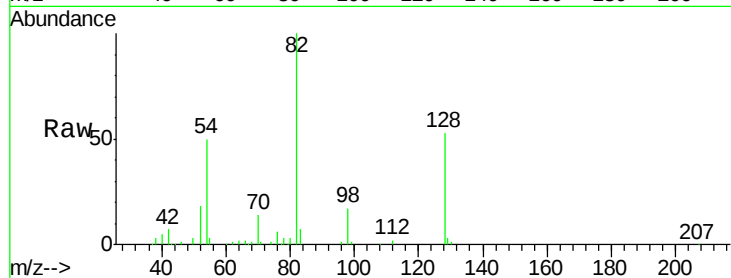




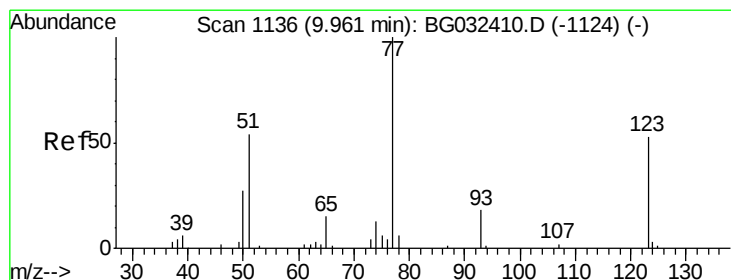
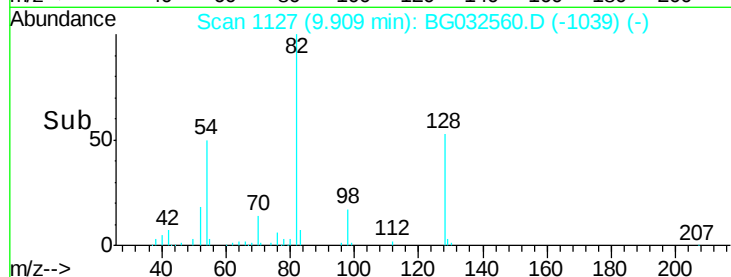
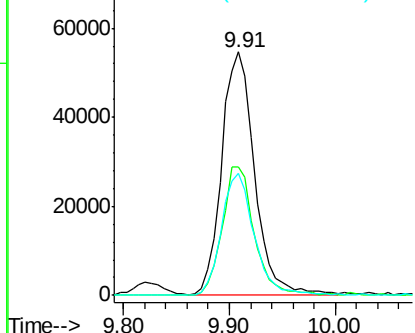
#23
 Nitrobenzene-d5
 Concen: 70.527 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tgt Ion: 82 Resp: 118097
 Ion Ratio Lower Upper
 82 100
 128 52.8 29.7 44.5#
 54 49.9 43.1 64.7

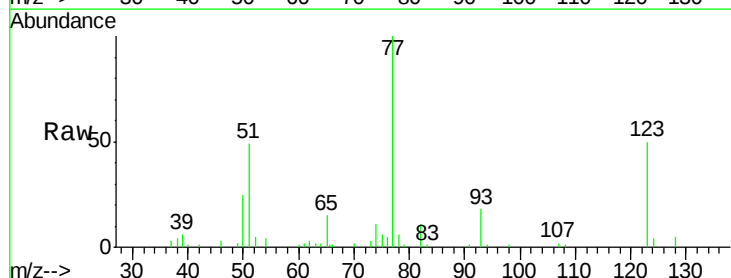


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

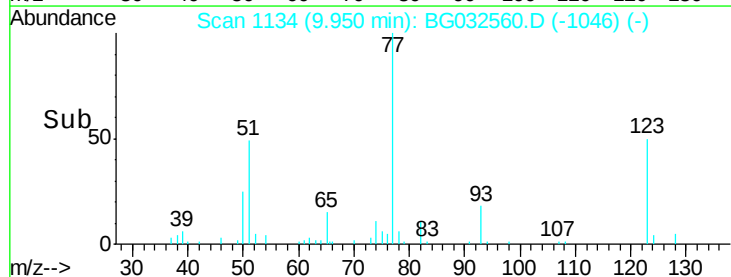
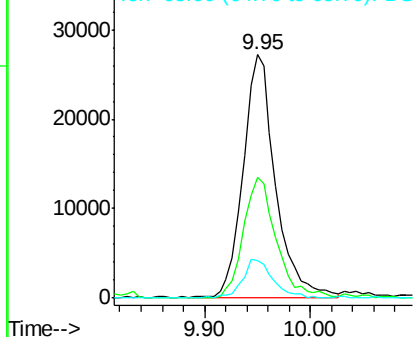


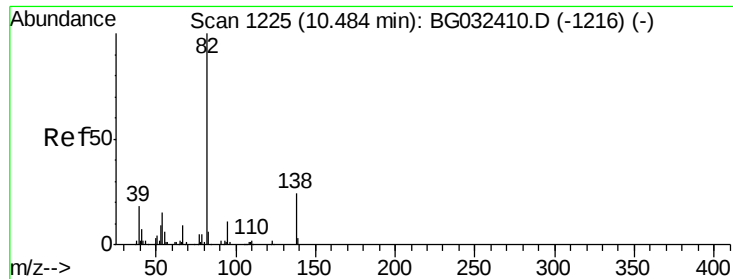
#24
 Nitrobenzene
 Concen: 35.970 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion: 77 Resp: 58243
 Ion Ratio Lower Upper
 77 100
 123 49.7 33.0 49.6#
 65 15.9 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.259 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

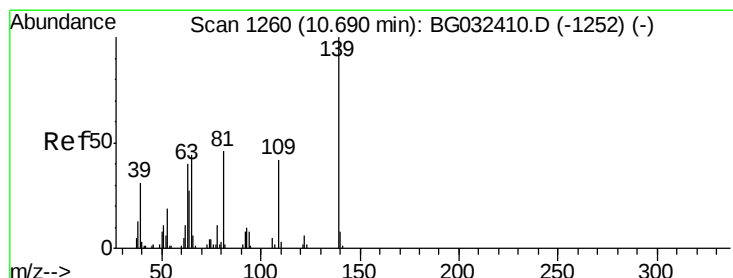
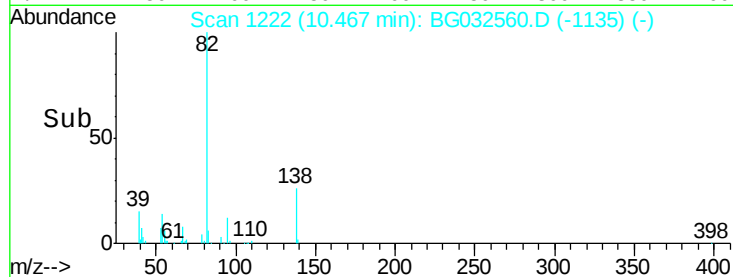
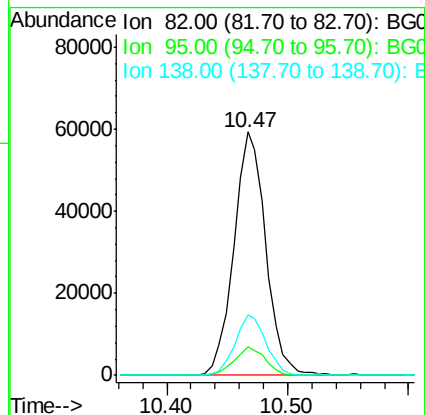
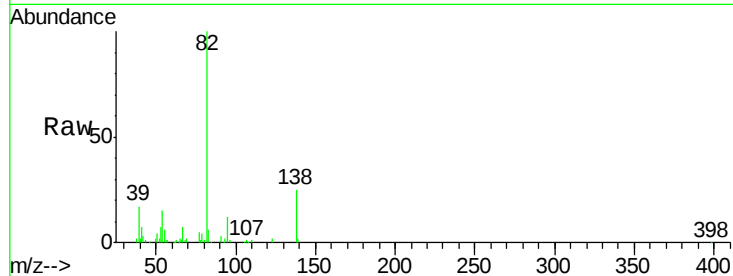
Tgt Ion: 82 Resp: 109084

Ion Ratio Lower Upper

82 100

95 11.9 6.2 9.2#

138 24.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 38.799 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

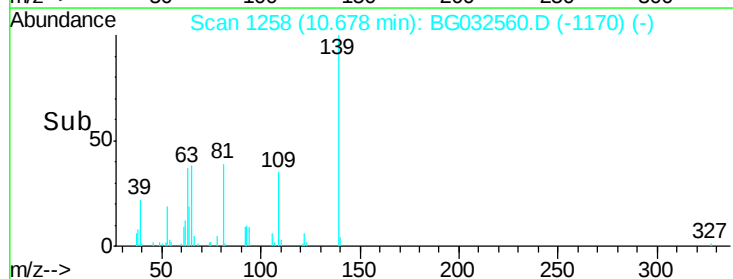
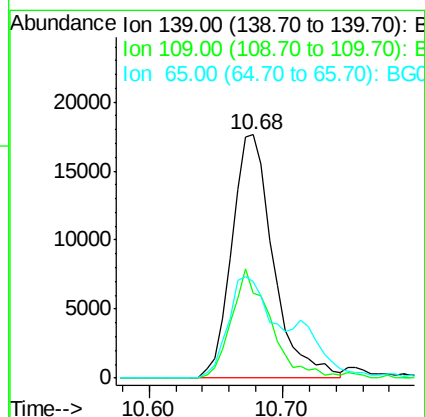
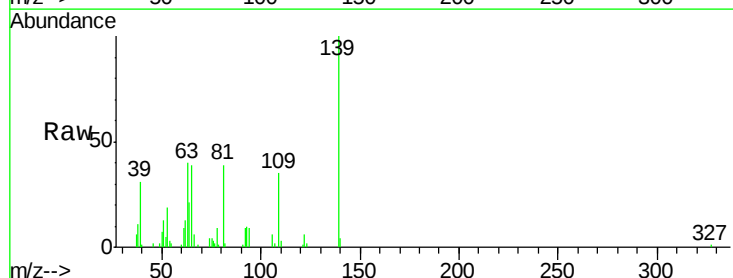
Tgt Ion: 139 Resp: 37977

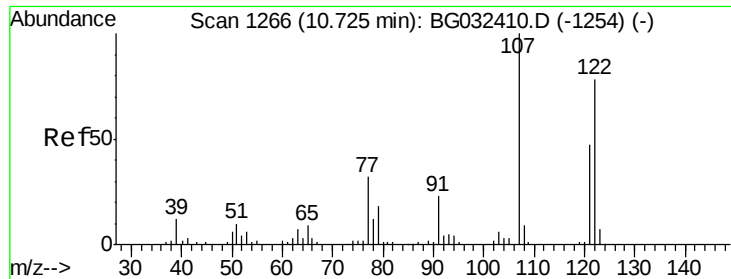
Ion Ratio Lower Upper

139 100

109 35.0 24.2 36.2

65 39.4 47.4 71.0#

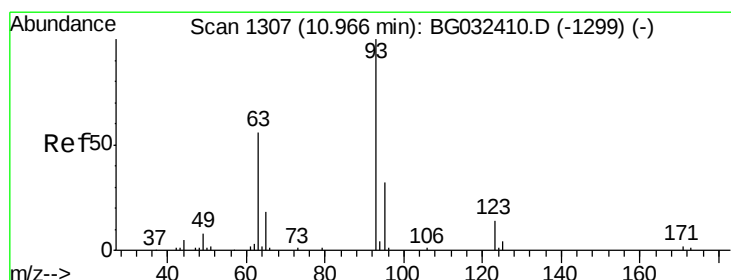
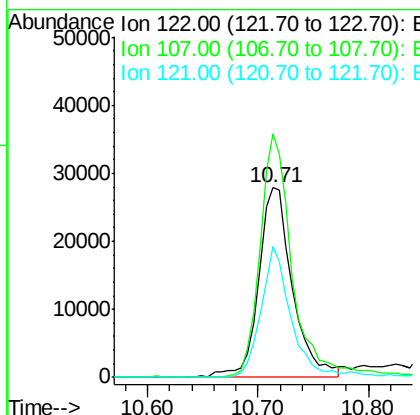
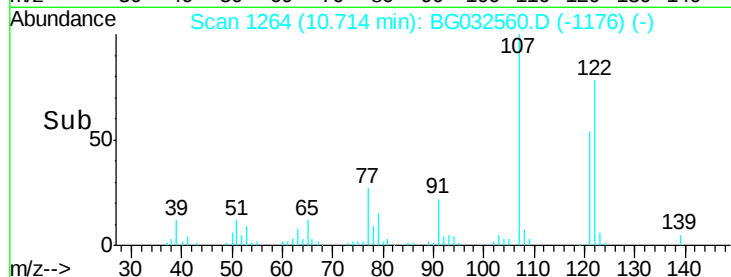
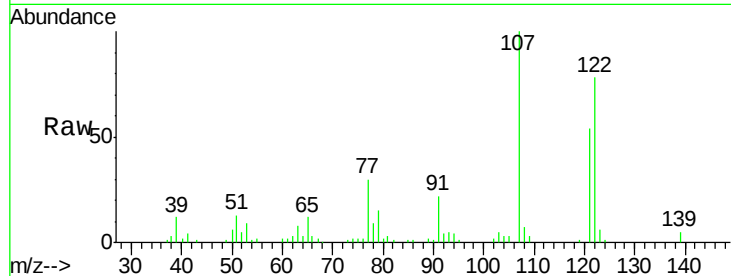




#27
 2,4-Dimethylphenol
 Concen: 42.525 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

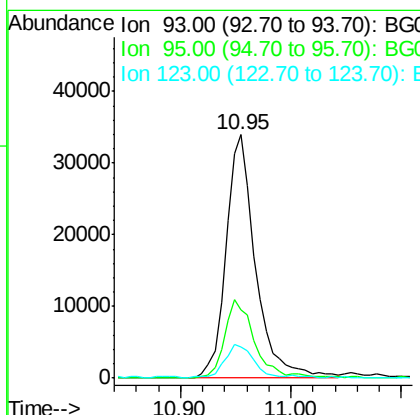
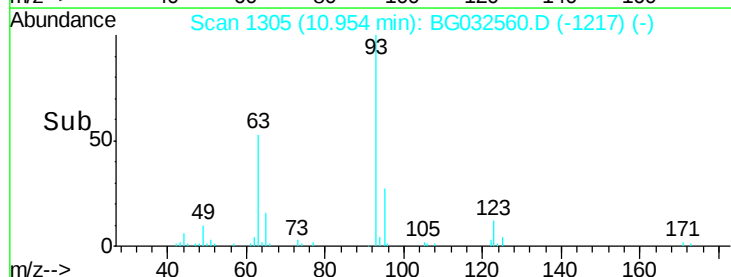
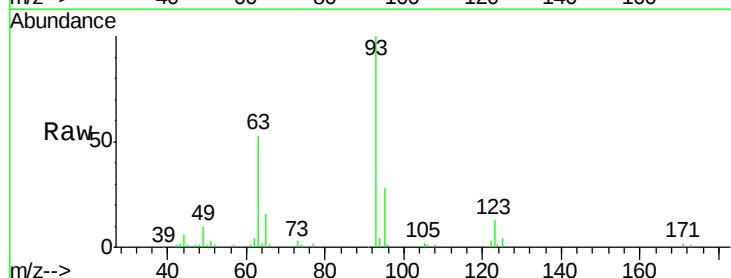
Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

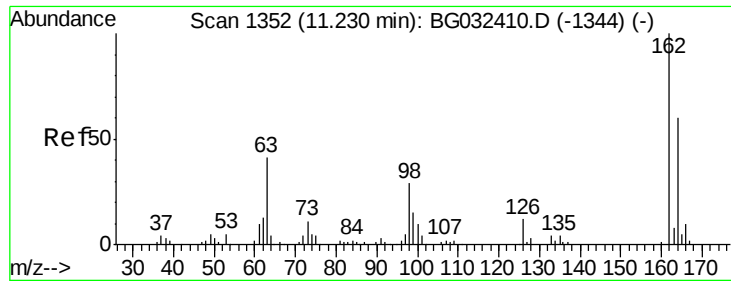
Tgt Ion: 122 Resp: 59743
 Ion Ratio Lower Upper
 122 100
 107 128.5 100.2 150.2
 121 69.2 44.4 66.6#



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.735 ng
 RT: 10.95 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion: 93 Resp: 63689
 Ion Ratio Lower Upper
 93 100
 95 28.0 24.3 36.5
 123 12.8 8.4 12.6#

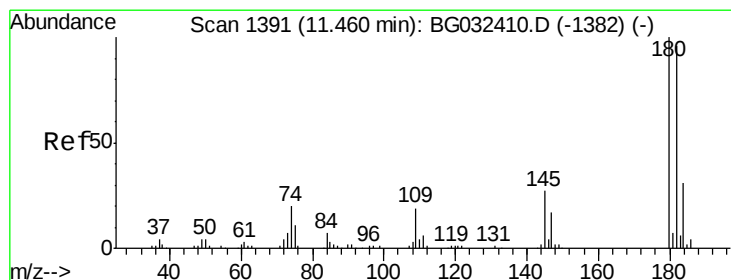
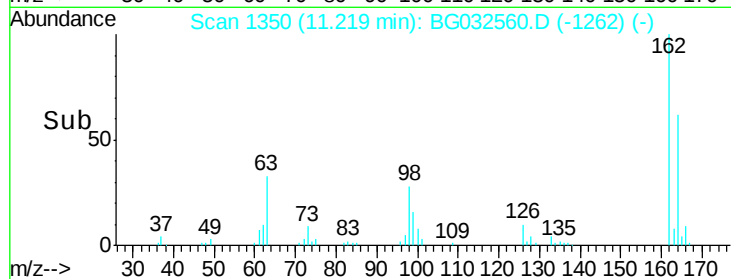
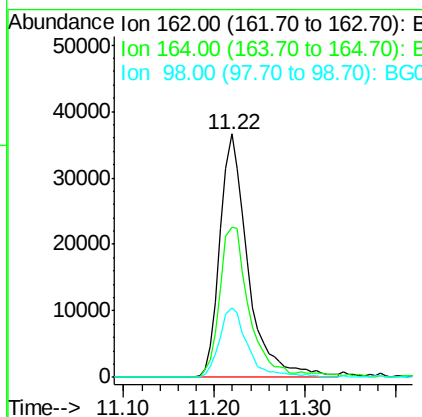
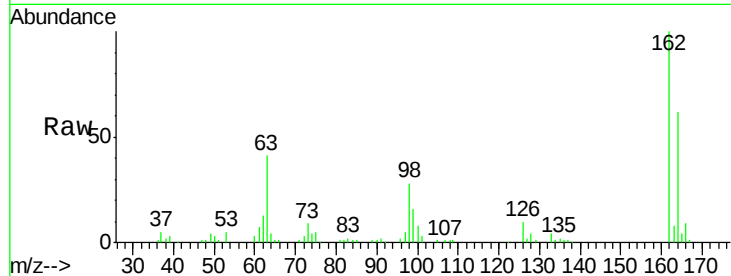




#29
2,4-Dichlorophenol
Concen: 42.374 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

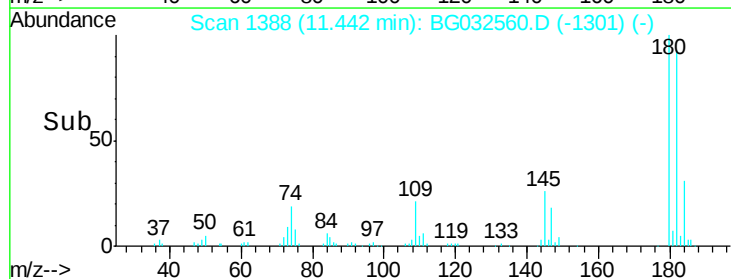
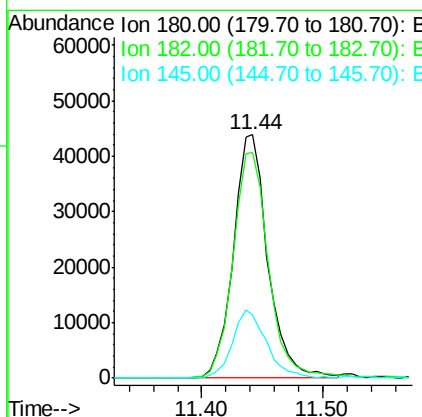
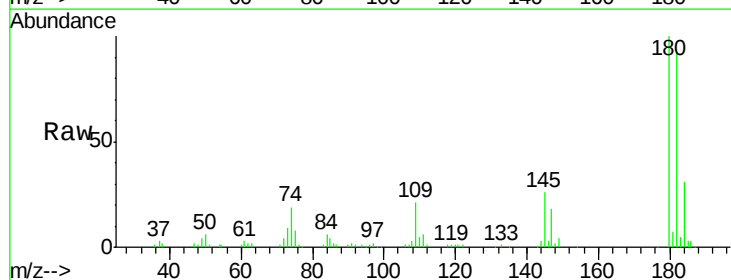
Instrument :
BNA_G
ClientSampleId :
PB106300BS

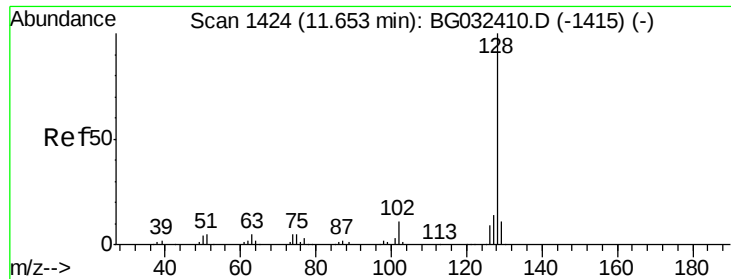
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.7	48.0	88.0
98	28.4	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 35.105 ng
RT: 11.44 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.5	116.3
145	26.0	23.4	35.2

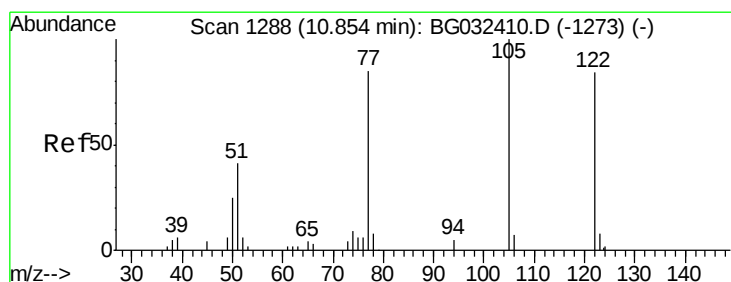
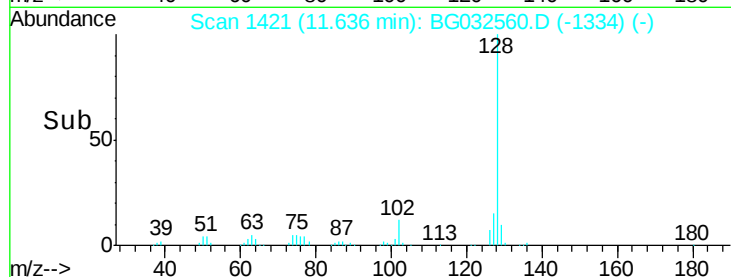
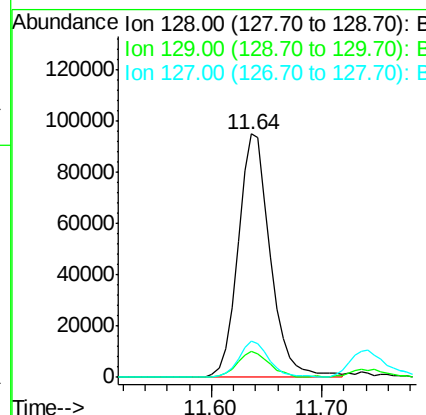
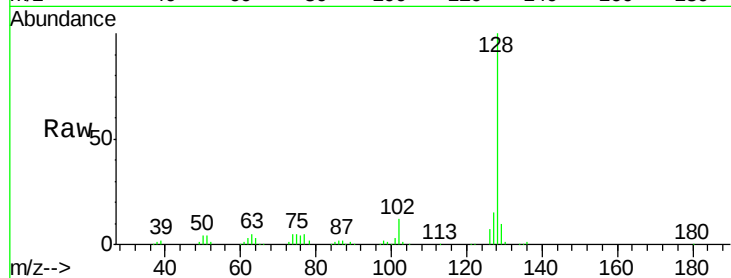




#31
Naphthalene
Concen: 37.923 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

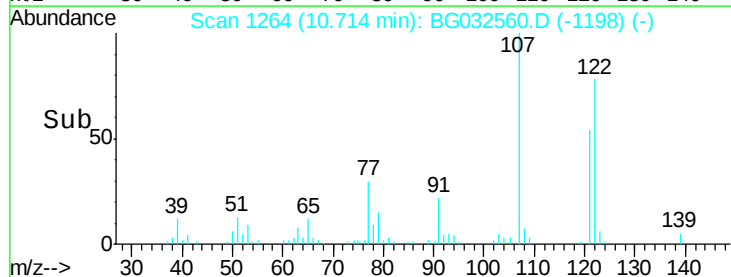
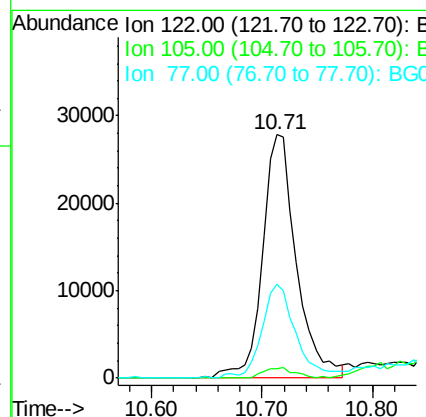
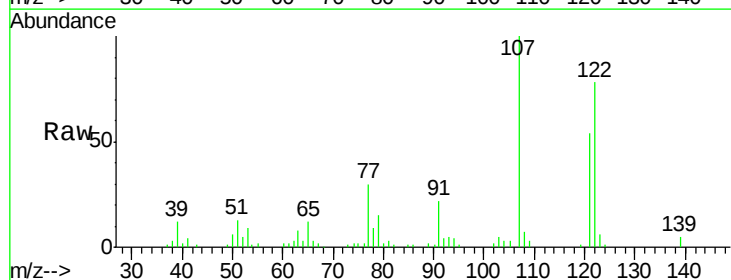
Instrument :
BNA_G
ClientSampleId :
PB106300BS

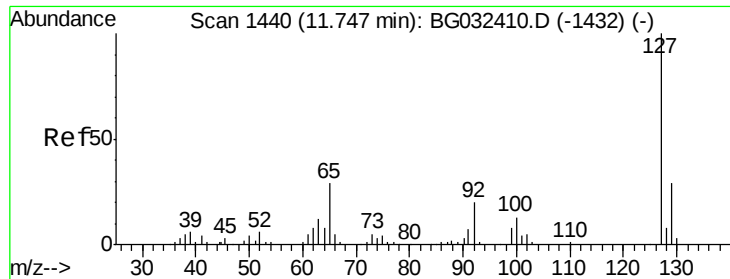
Tgt Ion:128 Resp: 193721
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 14.7 11.6 17.4



#32
Benzoic acid
Concen: 55.638 ng
RT: 10.71 min Scan# 1264
Delta R.T. -0.14 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:122 Resp: 59743
Ion Ratio Lower Upper
122 100
105 4.0 123.5 163.5#
77 38.8 85.7 125.7#

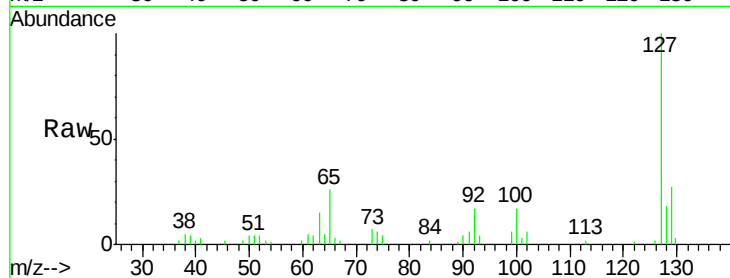




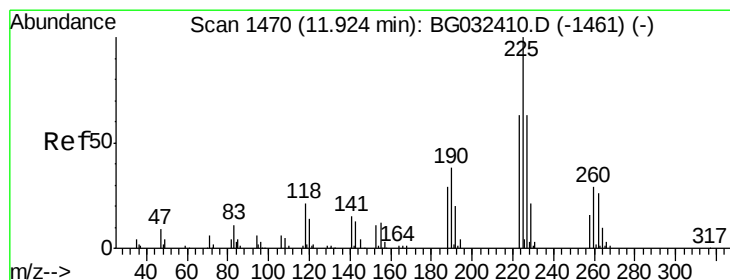
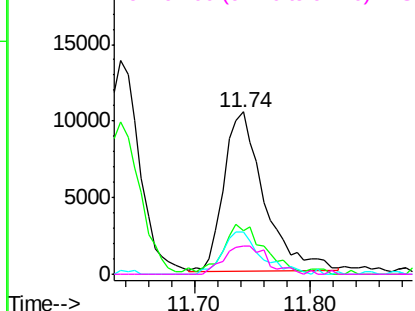
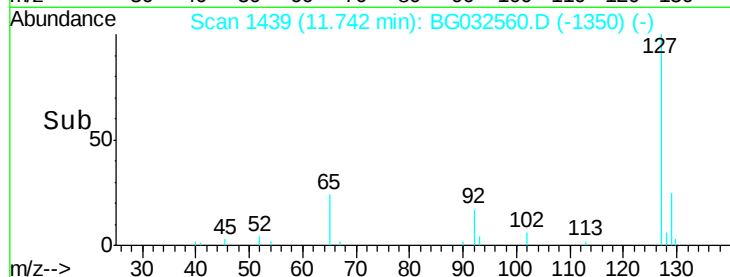
#33
4-Chloroaniline
Concen: 11.078 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tgt Ion:	127	Resp:	25240
Ion	Ratio	Lower	Upper
127	100		
129	26.7	24.0	36.0
65	26.2	27.0	40.4#
92	17.2	16.6	25.0

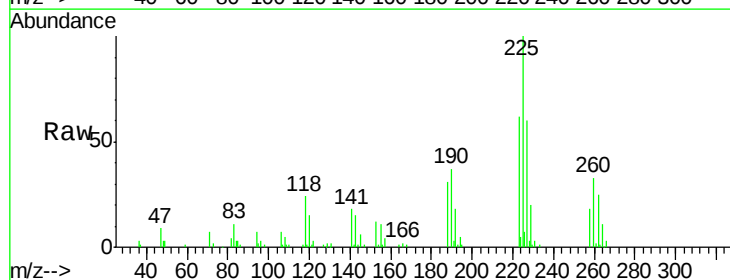


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

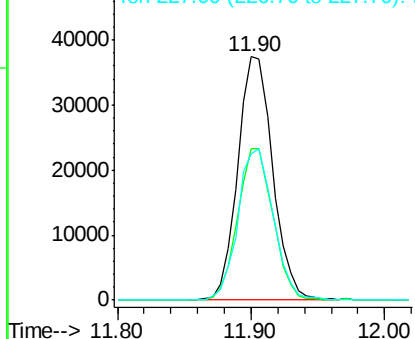
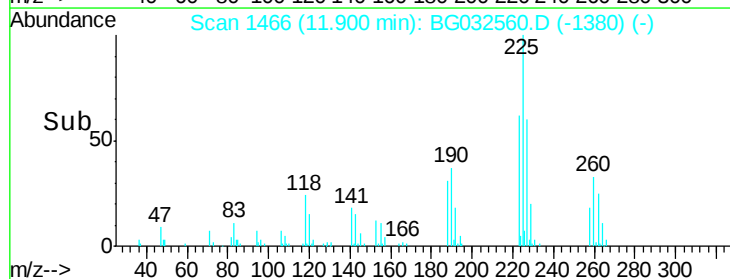


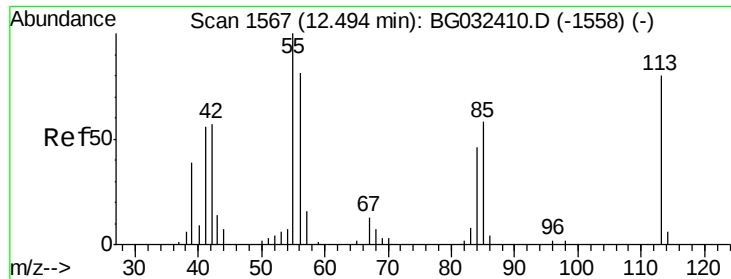
#34
Hexachlorobutadiene
Concen: 35.030 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:	225	Resp:	67605
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	60.4	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: 37.045 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

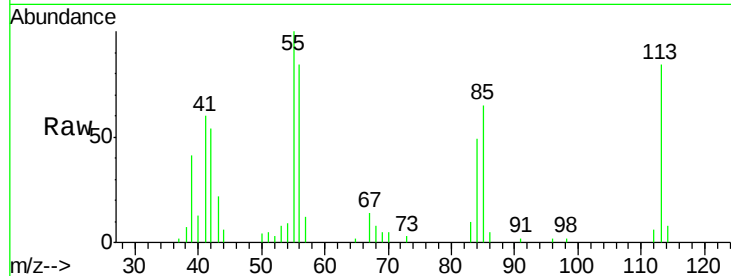
Tgt Ion:113 Resp: 19792

Ion Ratio Lower Upper

113 100

55 118.5 186.9 226.9#

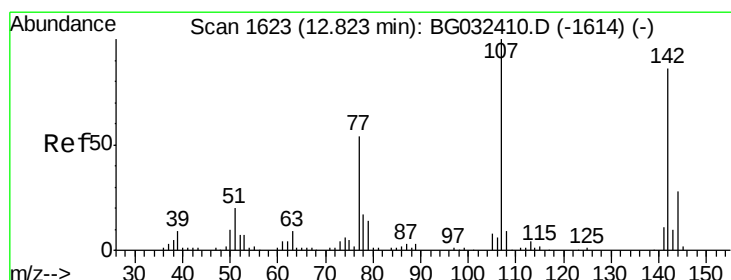
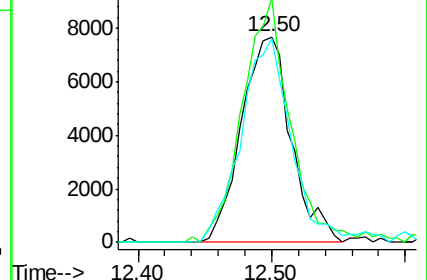
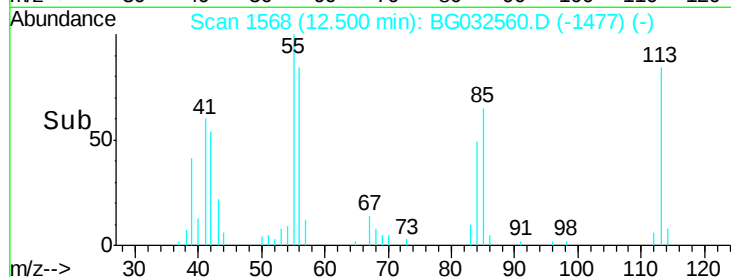
56 99.5 130.9 170.9#



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: 40.852 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

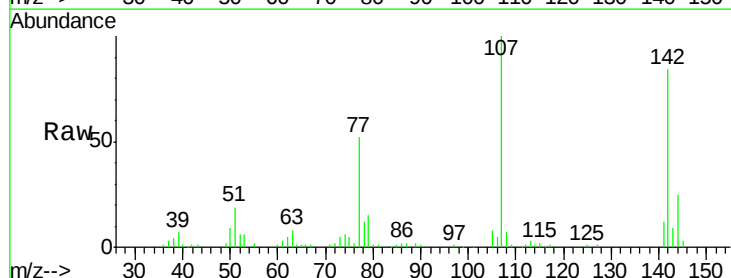
Tgt Ion:107 Resp: 72117

Ion Ratio Lower Upper

107 100

144 24.7 18.2 27.4

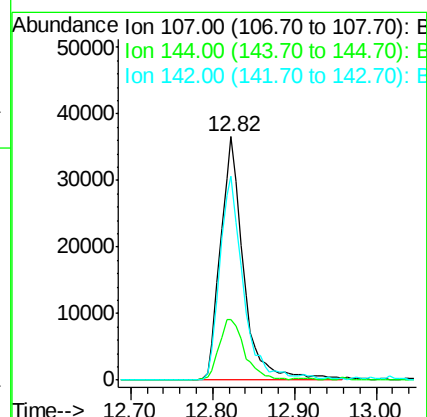
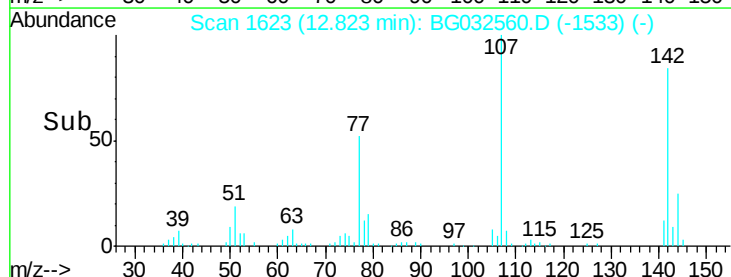
142 83.8 59.0 88.4

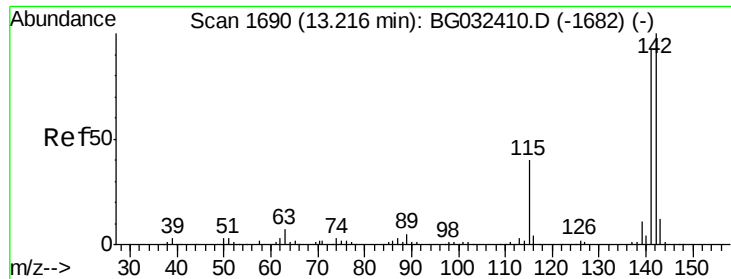


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

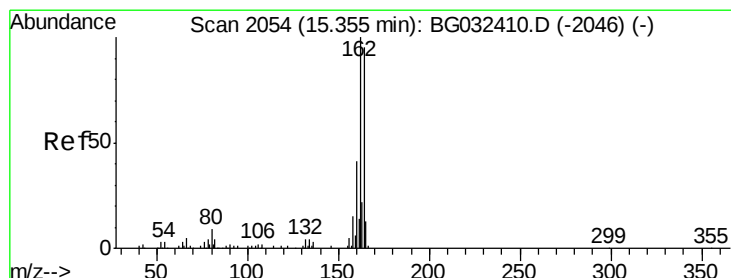
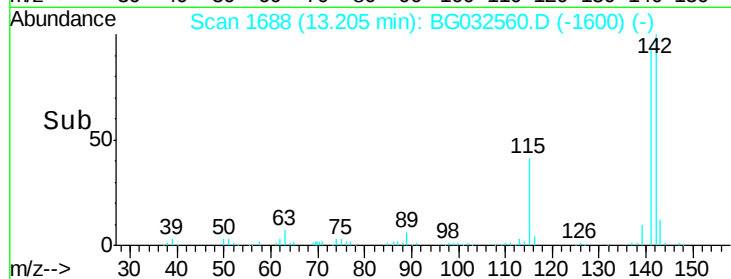
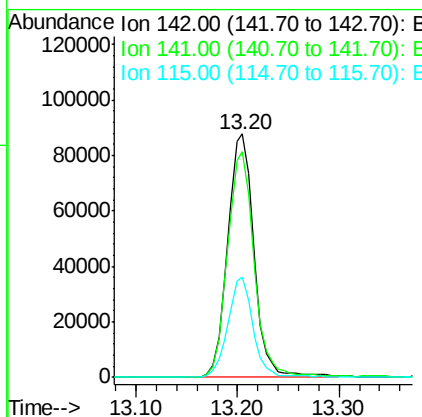
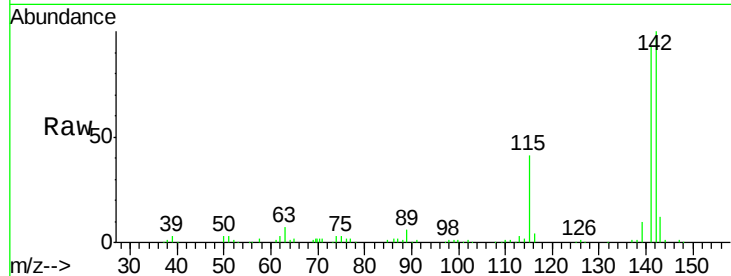




#37
 2-Methylnaphthalene
 Concen: 36.817 ng
 RT: 13.20 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

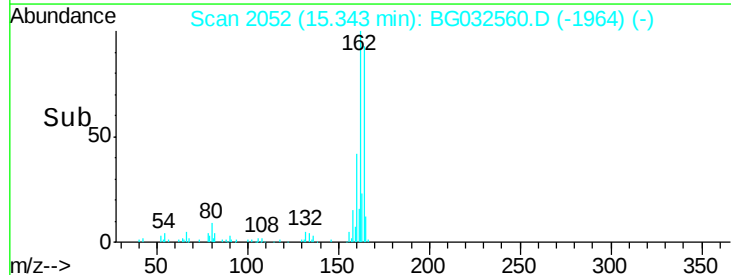
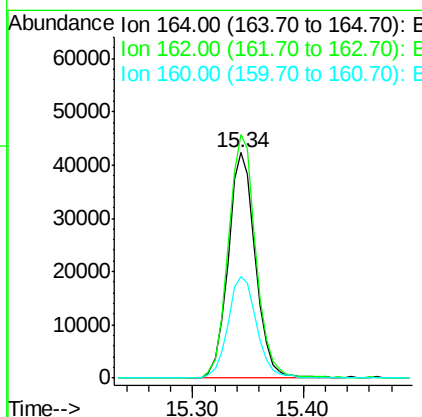
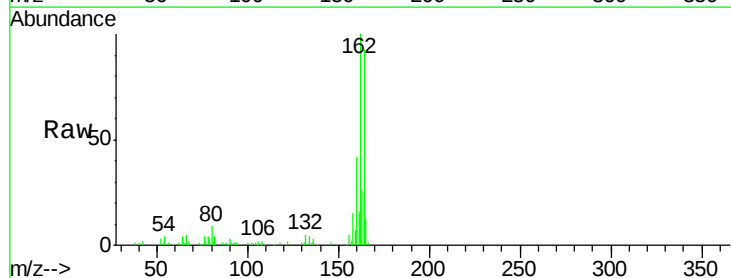
Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

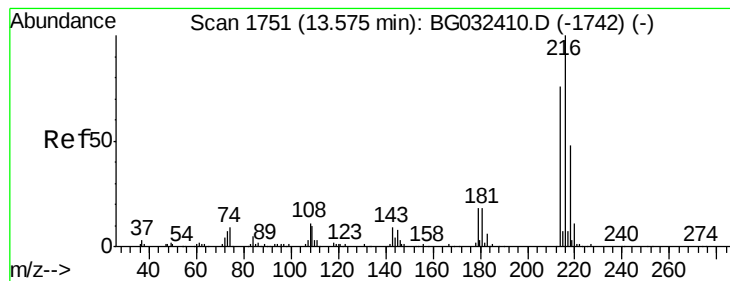
Tgt Ion:142 Resp: 158002
 Ion Ratio Lower Upper
 142 100
 141 92.8 67.1 100.7
 115 41.3 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion:164 Resp: 73144
 Ion Ratio Lower Upper
 164 100
 162 107.9 78.8 118.2
 160 44.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.228 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

Tgt Ion:216 Resp: 127389

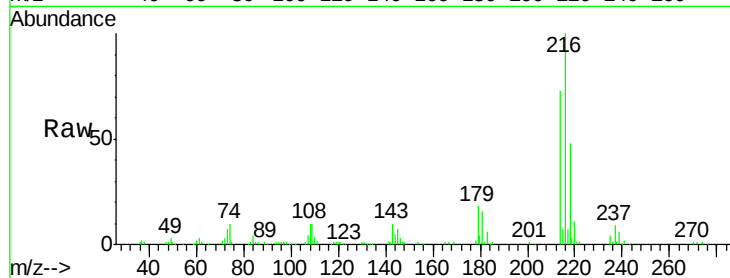
Ion Ratio Lower Upper

216 100

214 75.4 63.0 94.4

179 18.6 17.0 25.6

108 13.0 12.8 19.2

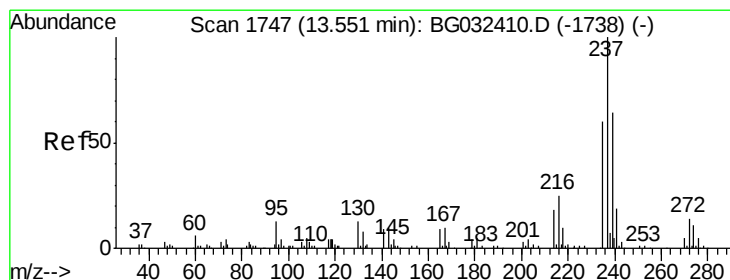
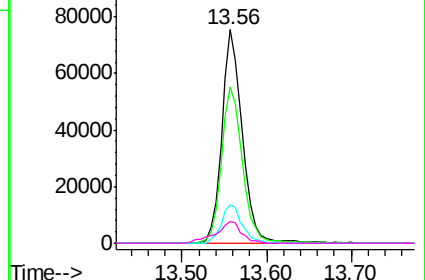
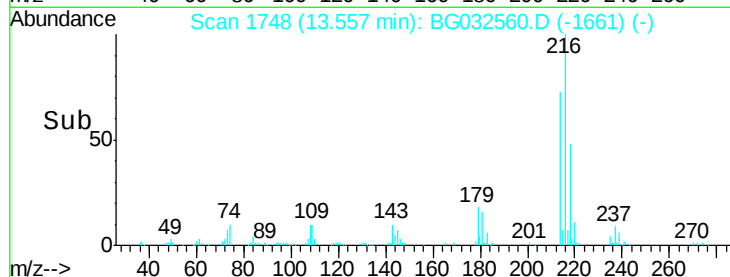


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.332 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

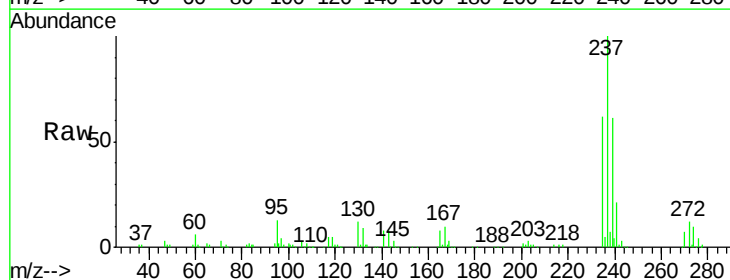
Tgt Ion:237 Resp: 178165

Ion Ratio Lower Upper

237 100

235 62.0 50.4 90.4

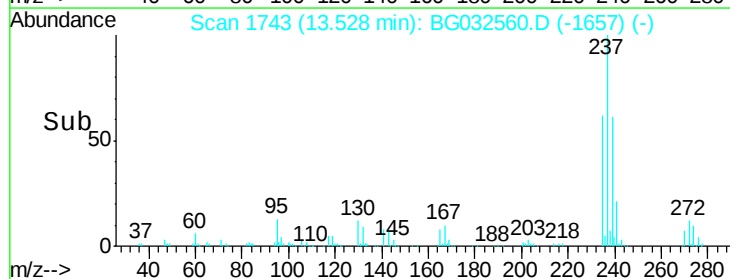
272 11.8 0.0 31.8



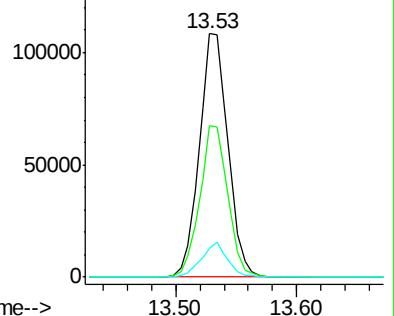
Abundance Ion 236.80 (236.50 to 237.50): E

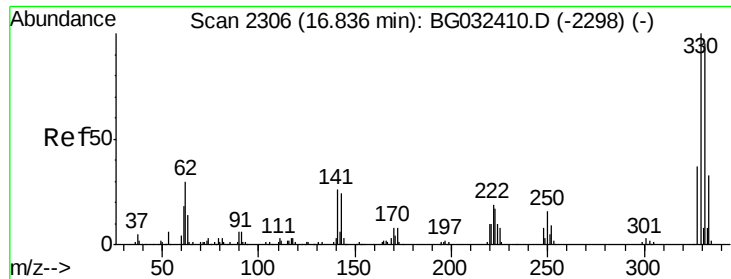
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

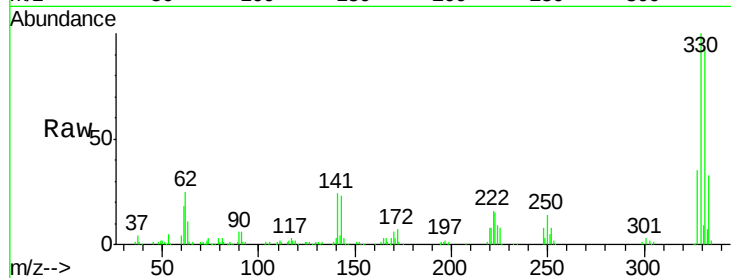




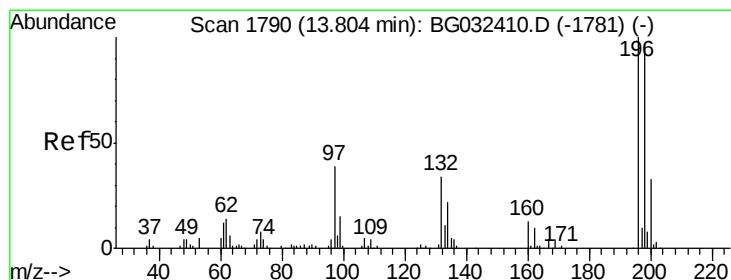
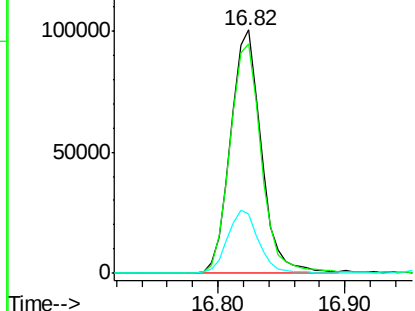
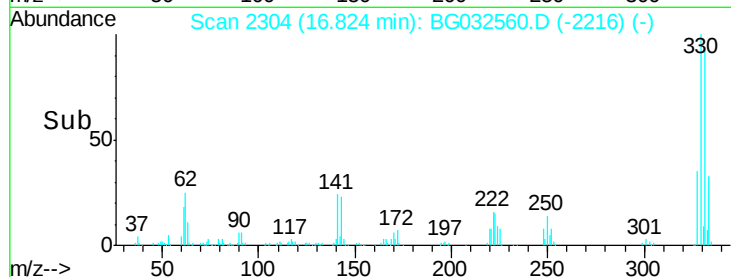
#41
 2,4,6-Tribromophenol
 Concen: 120.852 ng
 RT: 16.82 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tgt Ion:330 Resp: 168262
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 26.3 25.2 37.8

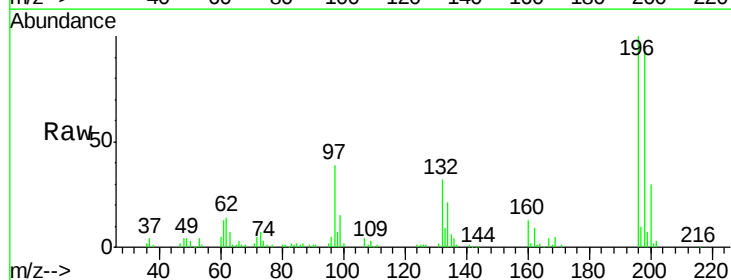


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

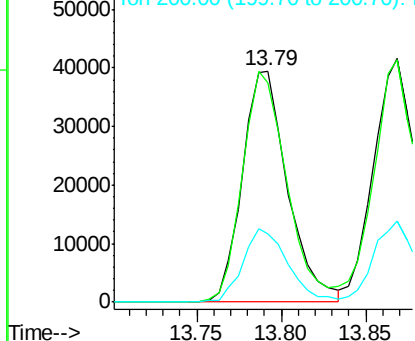
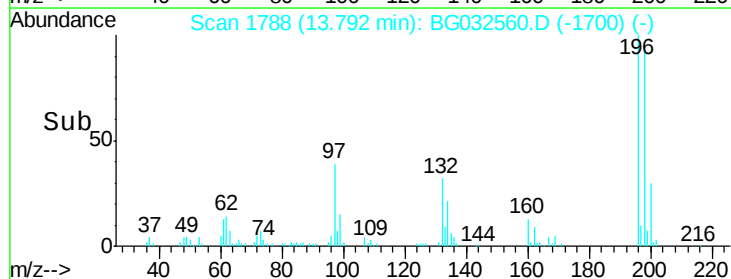


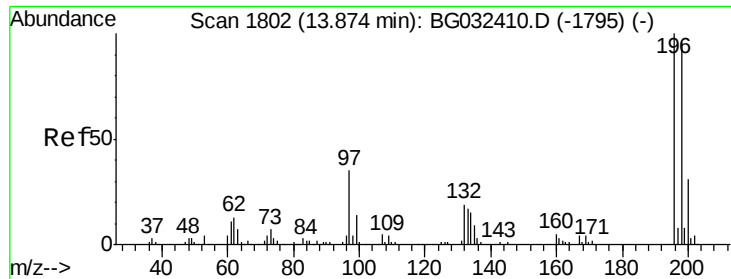
#42
 2,4,6-Trichlorophenol
 Concen: 39.489 ng
 RT: 13.79 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion:196 Resp: 73501
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.2 117.2
 200 29.8 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

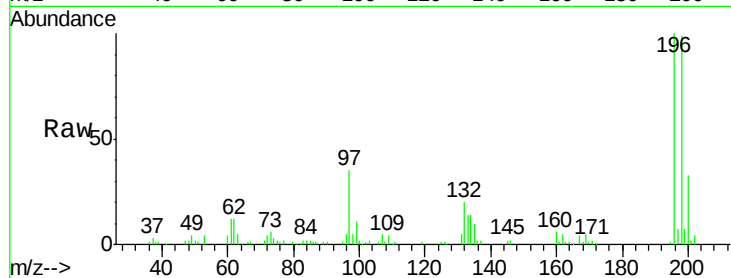




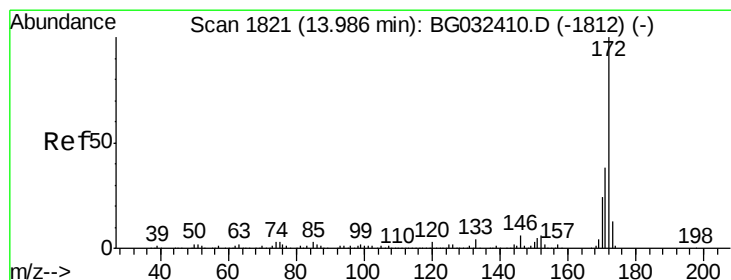
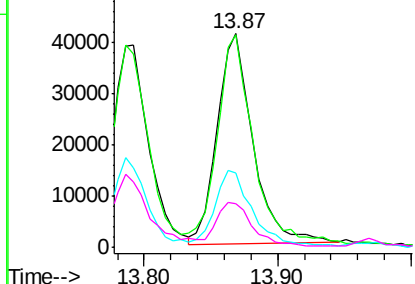
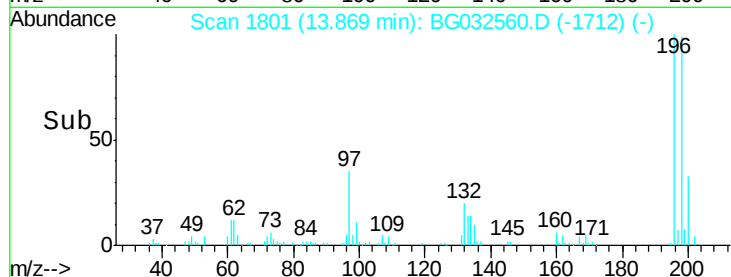
#43
 2,4,5-Trichlorophenol
 Concen: 35.798 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tgt Ion:196 Resp: 77674
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.2 114.4
 97 34.8 38.7 58.1#
 132 20.2 20.2 30.2

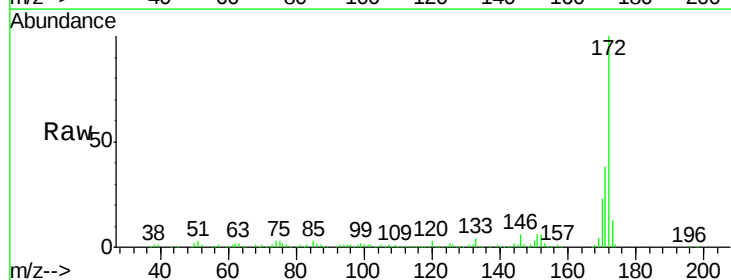


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

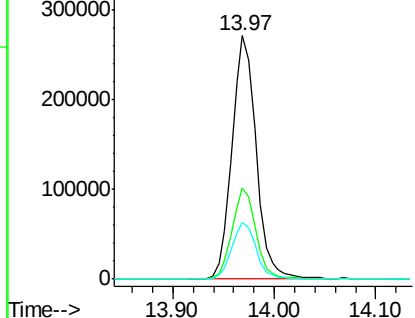
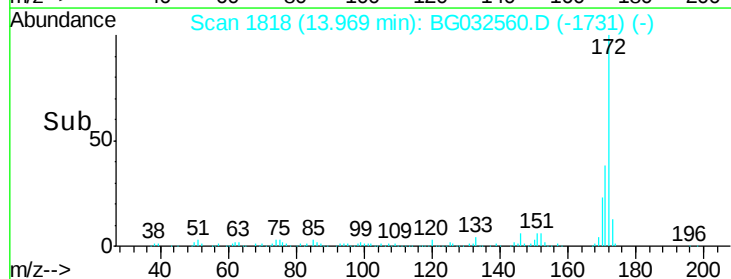


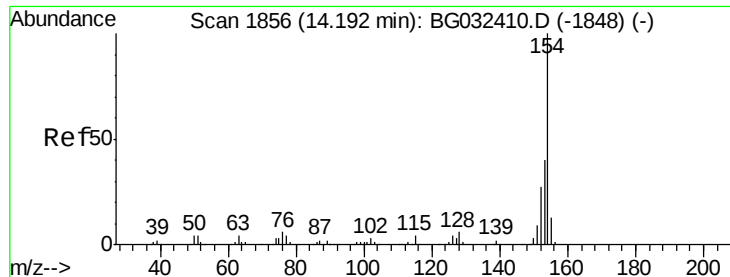
#44
 2-Fluorobiphenyl
 Concen: 72.947 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion:172 Resp: 448913
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 23.1 19.5 29.3



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

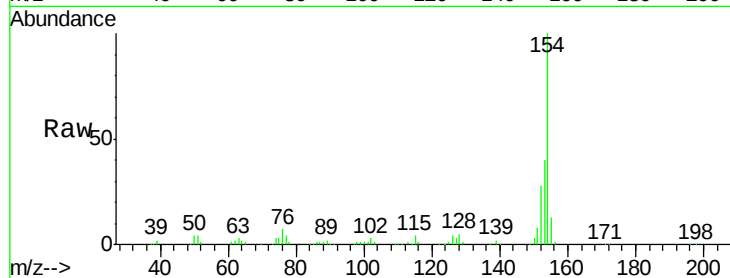




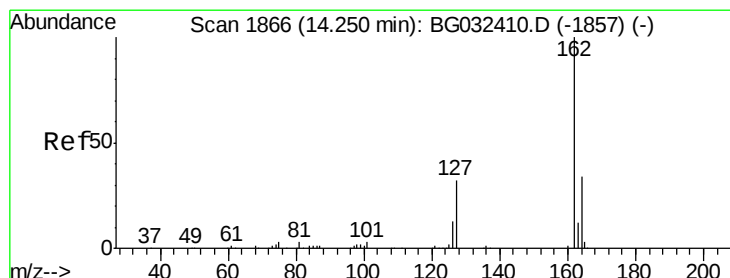
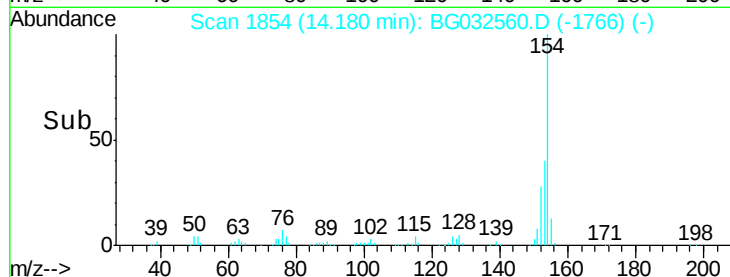
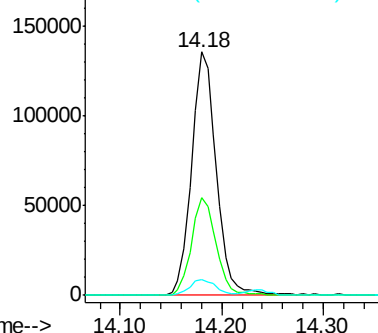
#45
 1,1'-Biphenyl
 Concen: 37.095 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tgt Ion:154 Resp: 229229
 Ion Ratio Lower Upper
 154 100
 153 40.4 19.8 59.8
 76 6.7 0.0 31.9

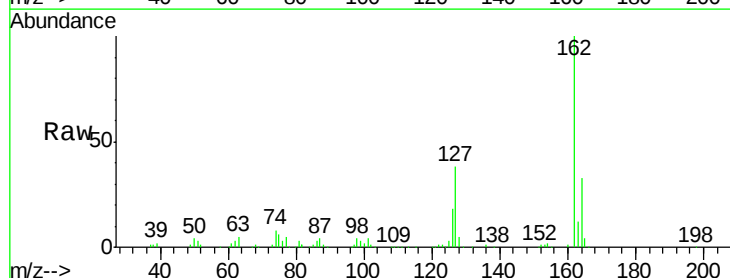


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

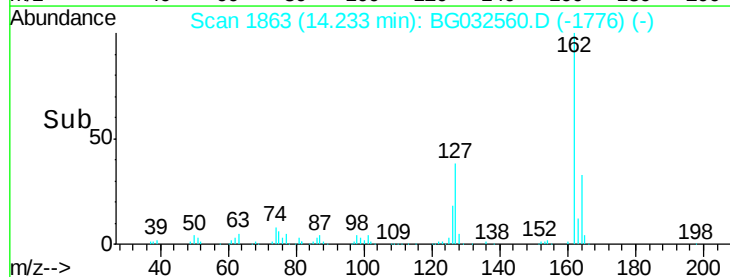
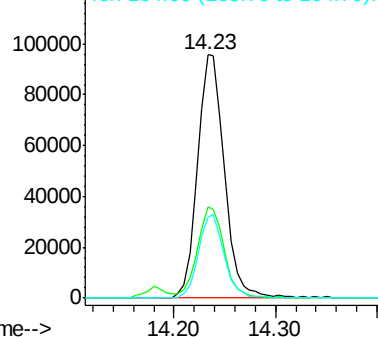


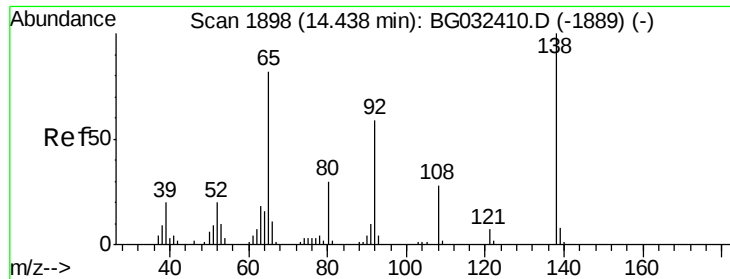
#46
 2-Chloronaphthalene
 Concen: 36.321 ng
 RT: 14.23 min Scan# 1863
 Delta R.T. -0.02 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion:162 Resp: 175920
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.7 46.1
 164 33.3 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: 36.550 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

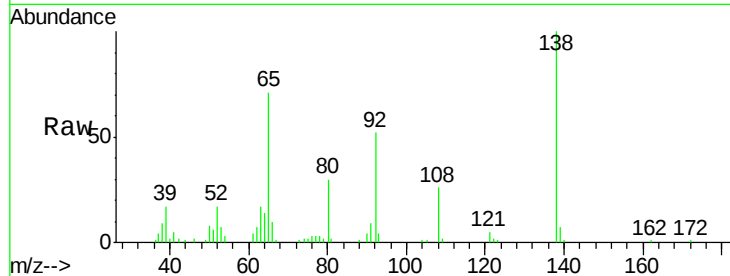
Tgt Ion: 65 Resp: 39148

Ion Ratio Lower Upper

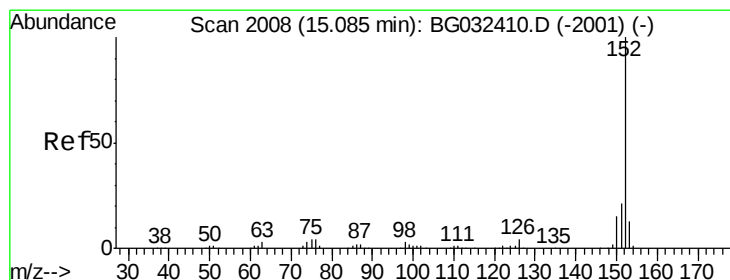
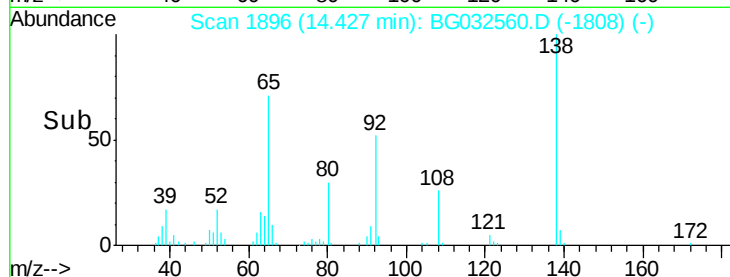
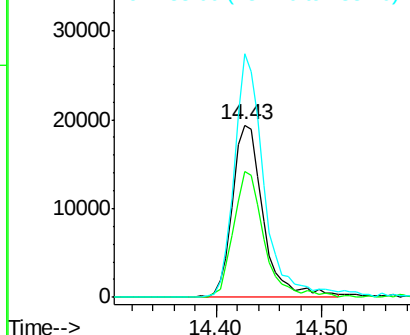
65 100

92 72.8 54.6 82.0

138 141.1 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 36.564 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

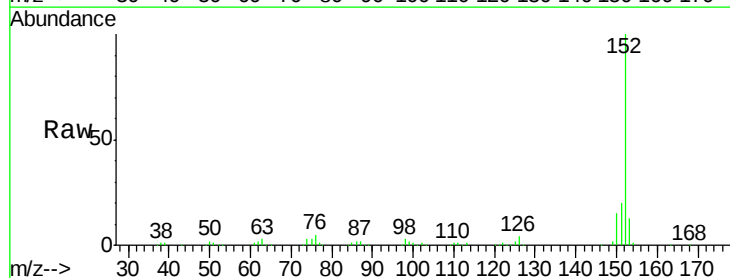
Tgt Ion: 152 Resp: 267724

Ion Ratio Lower Upper

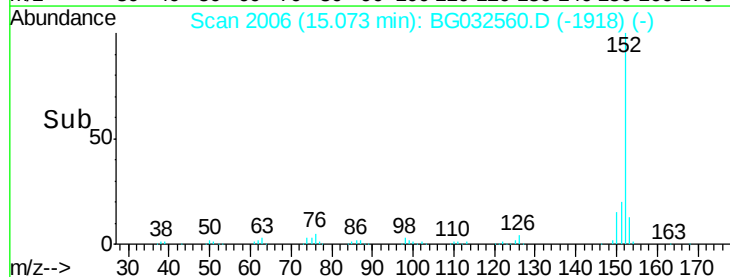
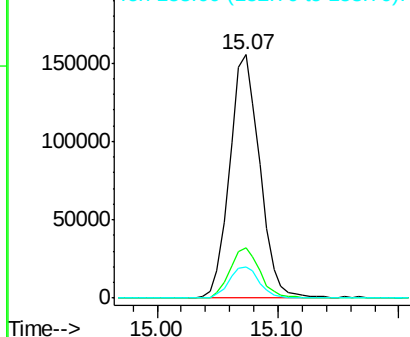
152 100

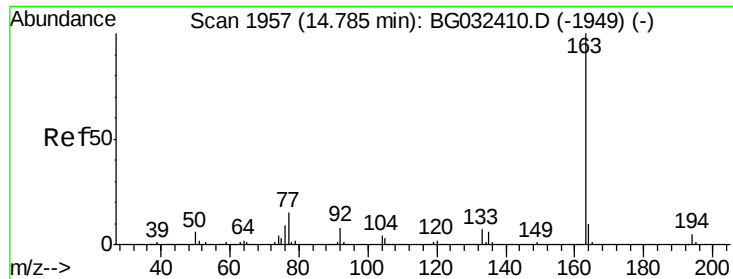
151 20.5 17.2 25.8

153 12.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 34.994 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

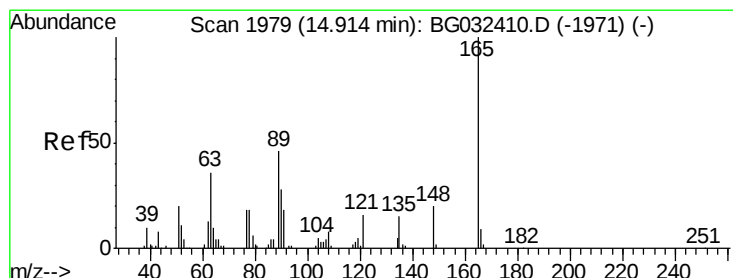
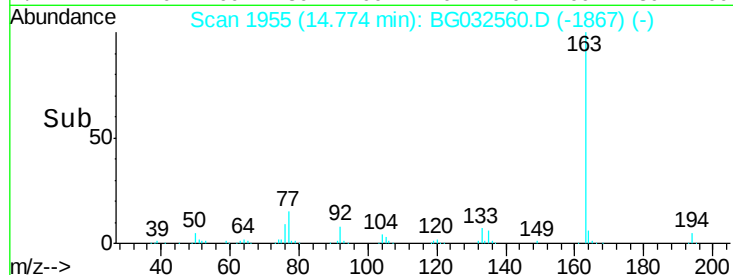
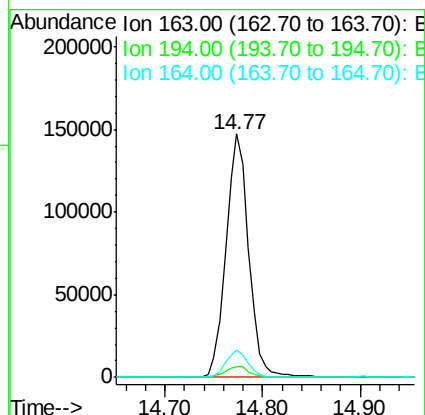
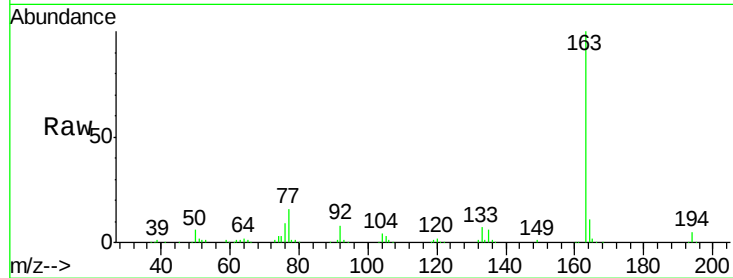
Instrument :

BNA_G

ClientSampleId :

PB106300BS

Tgt Ion:	163	Resp:	236007
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	11.2	8.2	12.4



#50

2,6-Dinitrotoluene

Concen: 37.521 ng

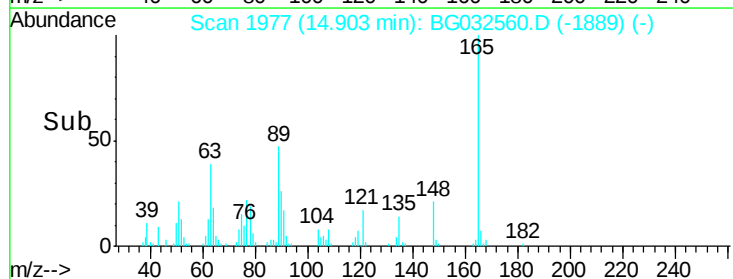
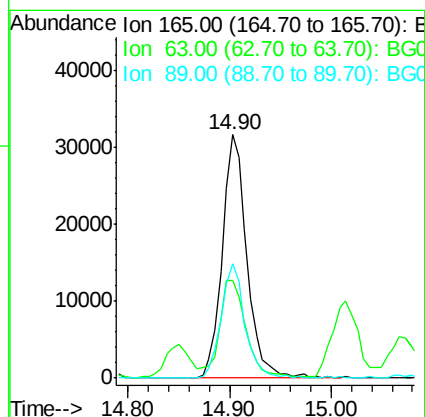
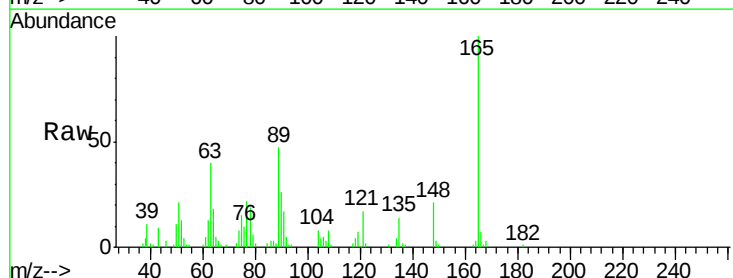
RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	165	Resp:	53112
Ion Ratio	Lower	Upper	
165	100		
63	40.1	52.7	79.1#
89	47.2	49.2	73.8#





#51

Acenaphthene

Concen: 34.297 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

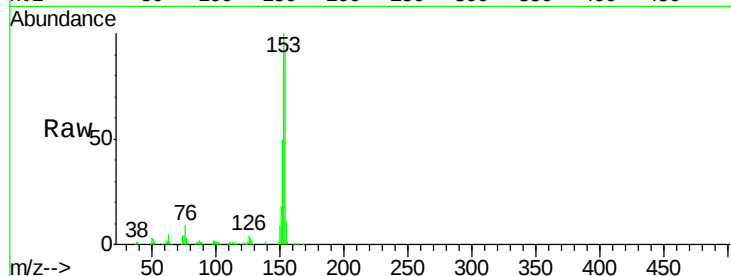
Tgt Ion:154 Resp: 174159

Ion Ratio Lower Upper

154 100

153 109.3 90.4 135.6

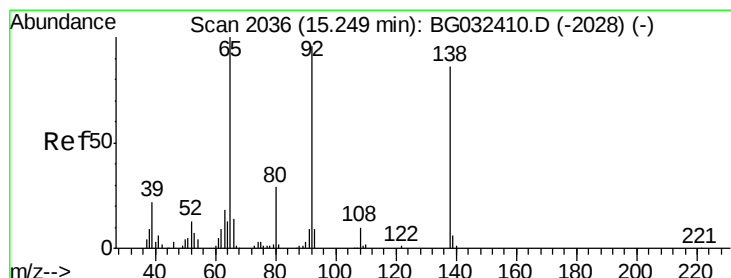
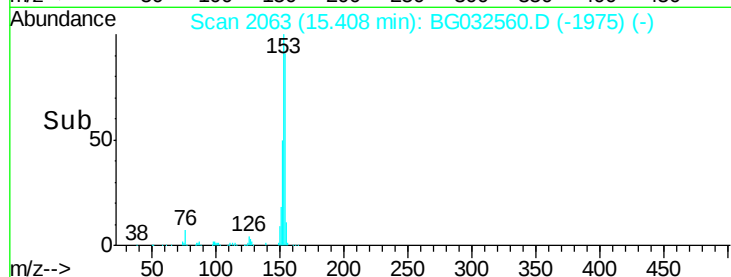
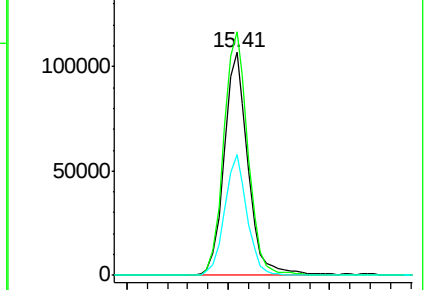
152 54.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.020 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

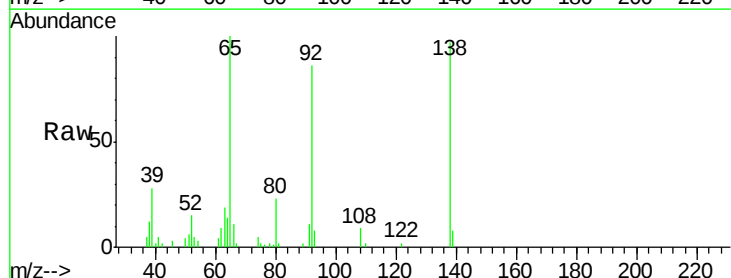
Tgt Ion:138 Resp: 21044

Ion Ratio Lower Upper

138 100

108 9.4 17.5 26.3#

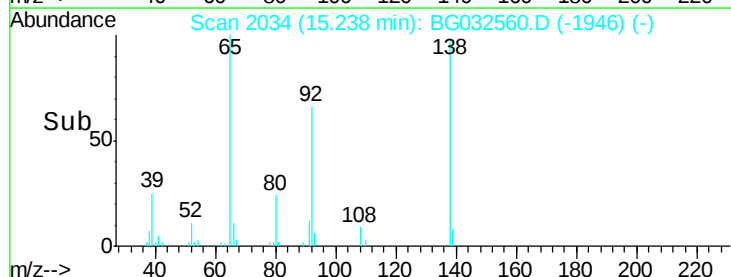
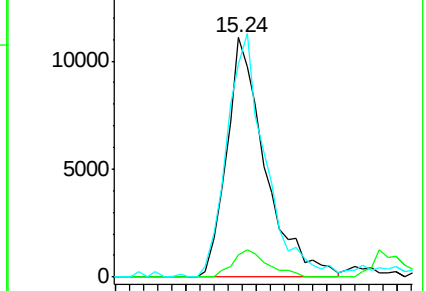
92 88.6 105.8 158.8#

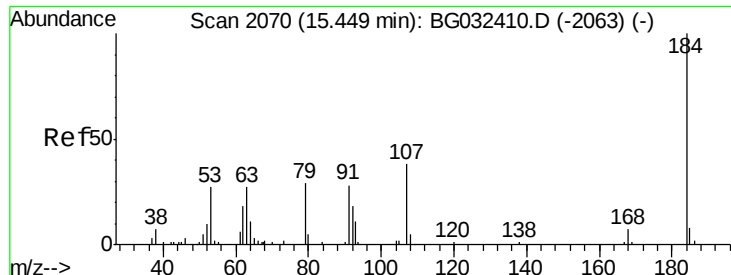


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

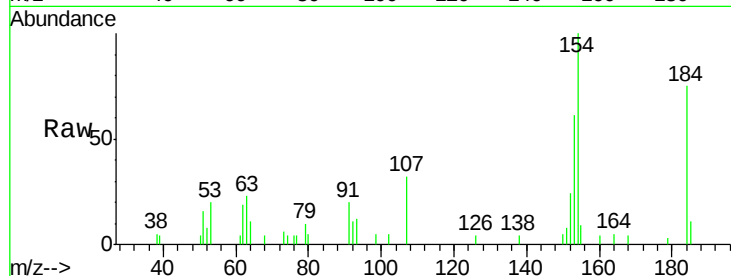




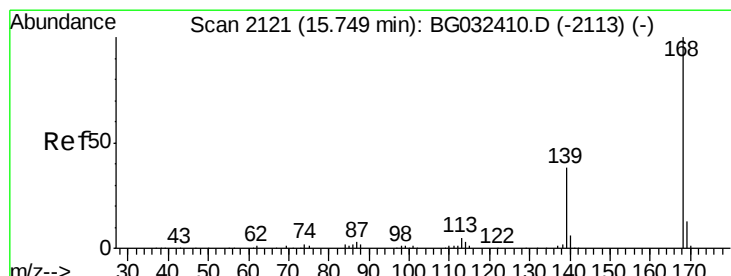
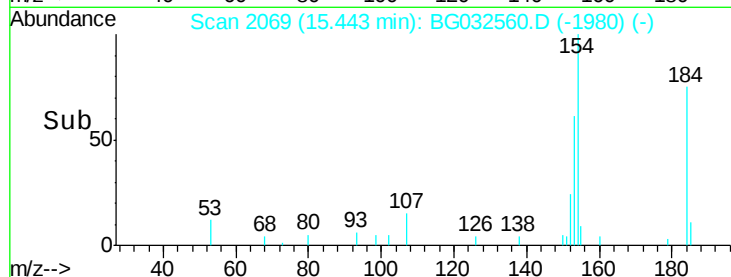
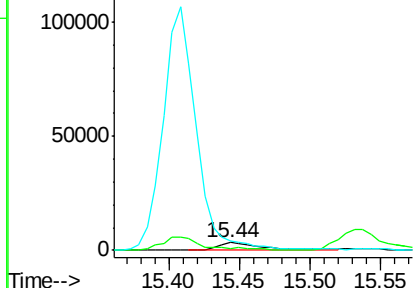
#53
 2,4-Dinitrophenol
 Concen: 12.620 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

Tgt Ion:184 Resp: 7931
 Ion Ratio Lower Upper
 184 100
 63 31.1 59.8 89.8#
 154 133.6 101.8 152.8

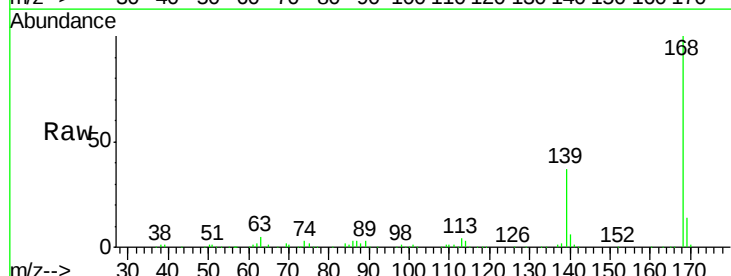


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

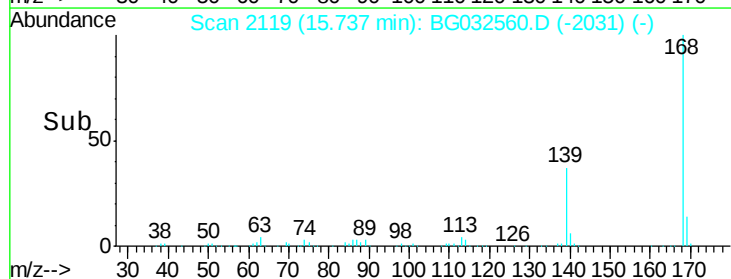
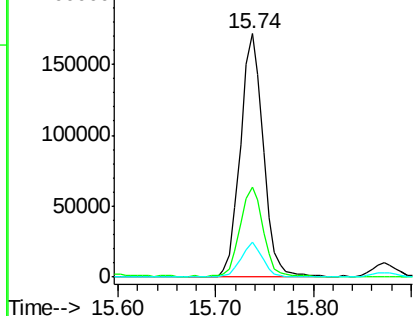


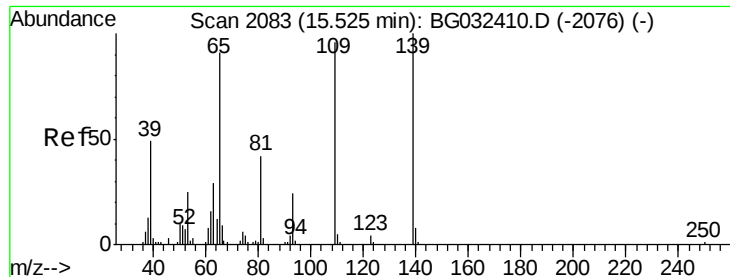
#54
 Dibenzofuran
 Concen: 37.534 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion:168 Resp: 282106
 Ion Ratio Lower Upper
 168 100
 139 37.2 28.6 43.0
 169 14.2 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: 74.251 ng

RT: 15.53 min Scan# 2084

Delta R.T. 0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

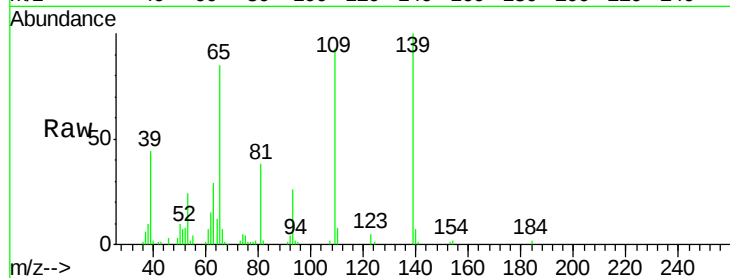
Tgt Ion:139 Resp: 68730

Ion Ratio Lower Upper

139 100

109 93.3 62.2 102.2

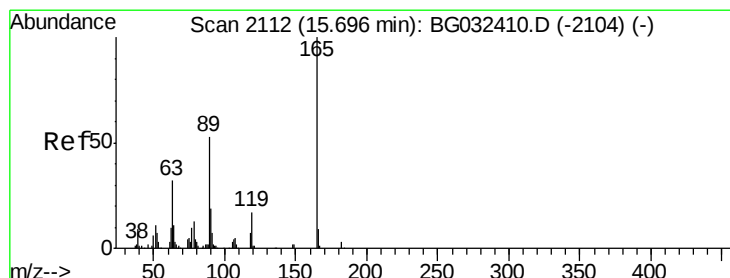
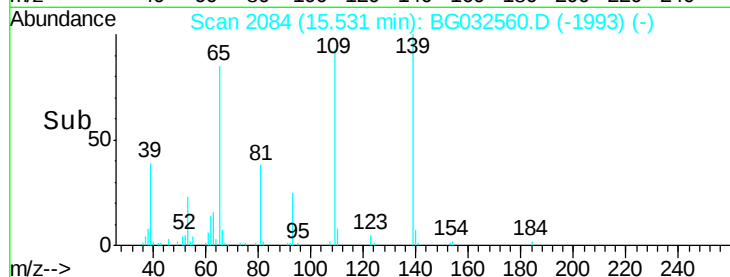
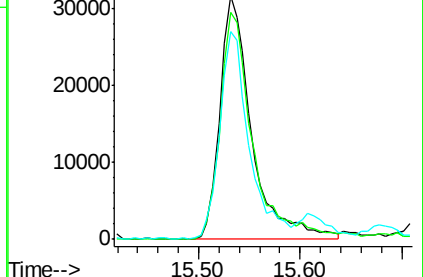
65 85.4 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 38.633 ng

RT: 15.68 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:165 Resp: 77862

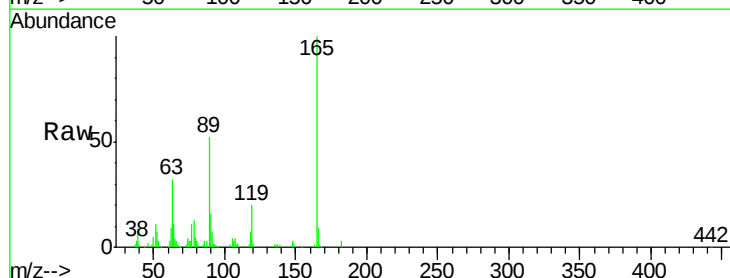
Ion Ratio Lower Upper

165 100

63 32.3 42.0 63.0#

89 51.9 66.9 100.3#

182 3.1 2.6 3.8

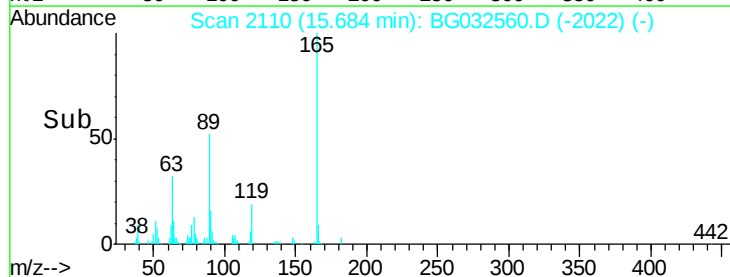
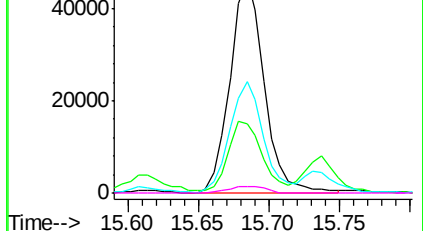


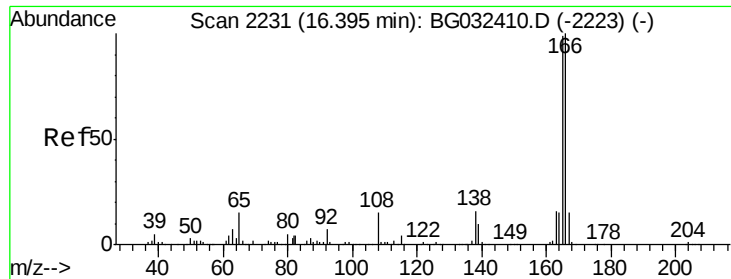
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.594 ng

RT: 16.38 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

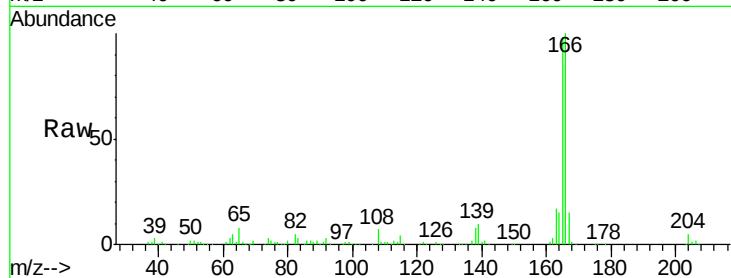
Tgt Ion:166 Resp: 222308

Ion Ratio Lower Upper

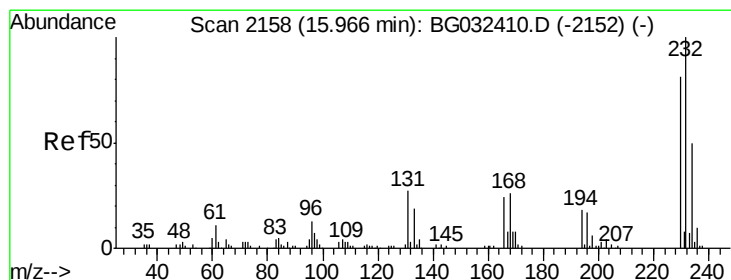
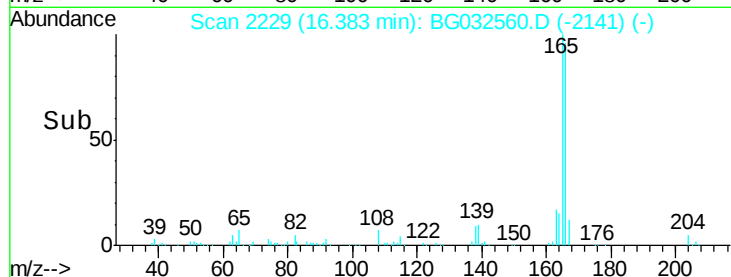
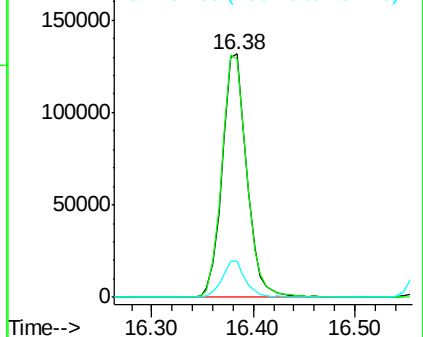
166 100

165 98.0 80.6 121.0

167 15.1 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: 40.114 ng

RT: 15.95 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:232 Resp: 85845

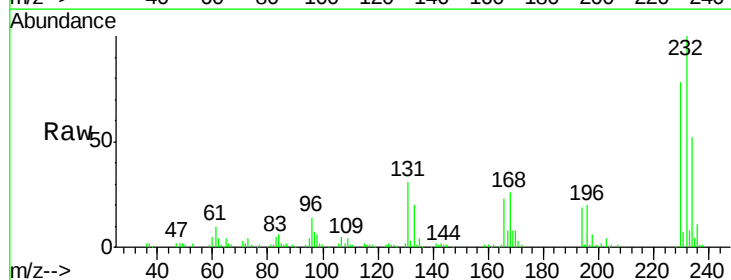
Ion Ratio Lower Upper

232 100

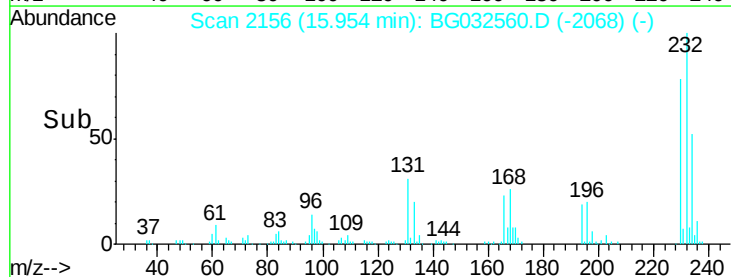
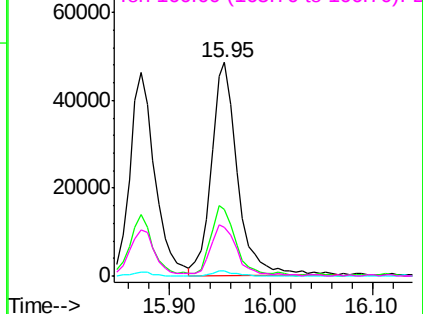
131 31.6 33.5 50.3#

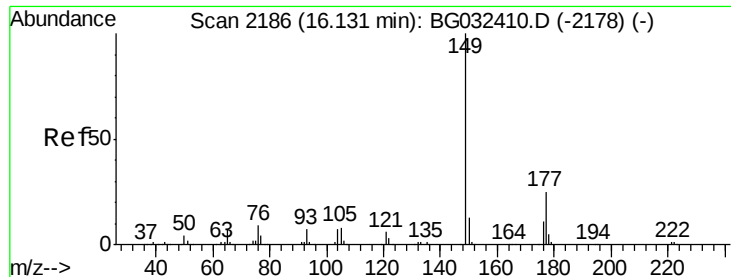
130 2.0 2.2 3.2#

166 24.8 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

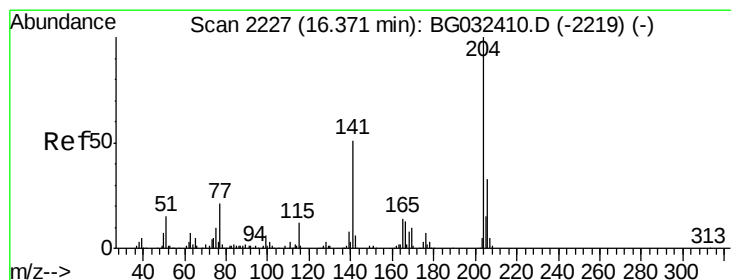
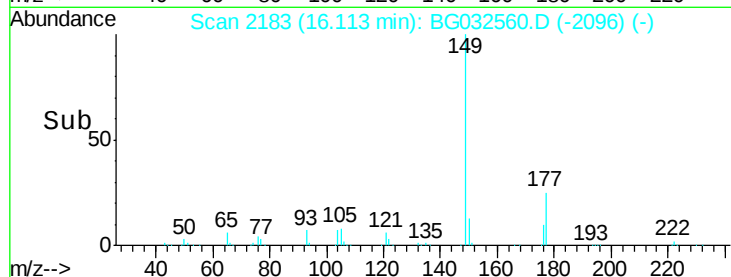
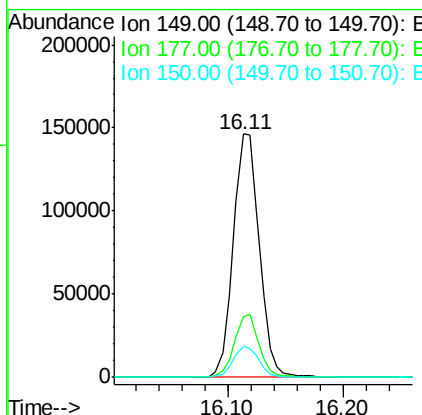
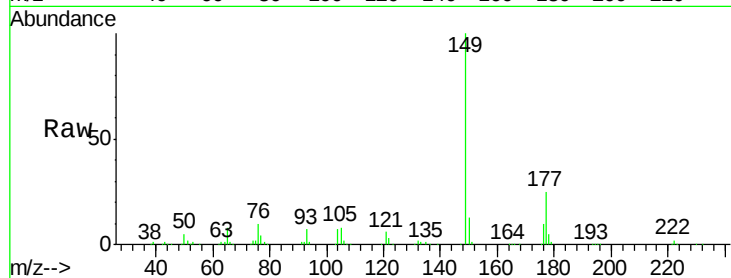




#59
Diethylphthalate
Concen: 34.727 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

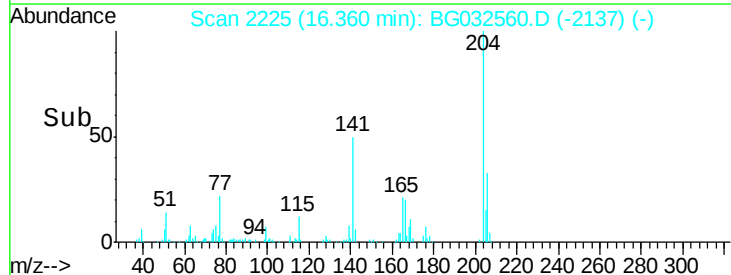
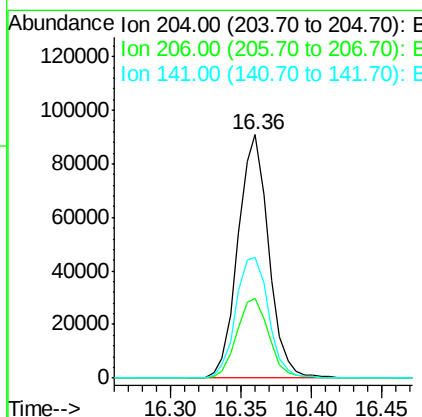
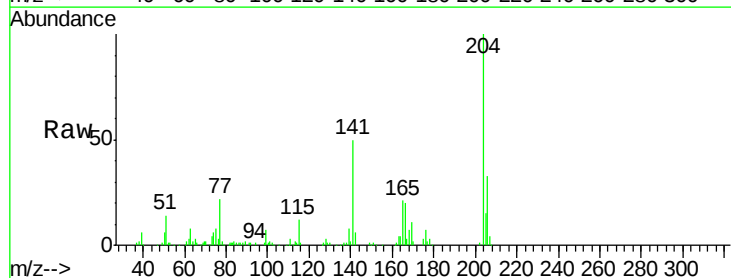
Instrument :
BNA_G
ClientSampleId :
PB106300BS

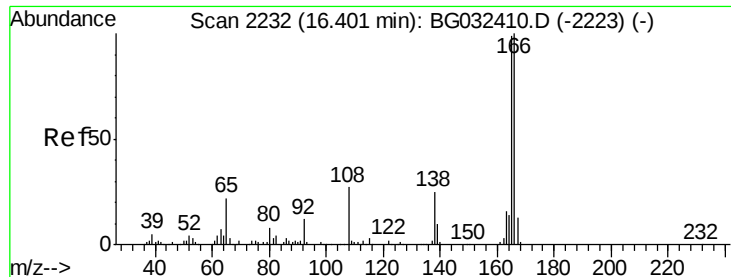
Tgt Ion:149 Resp: 228103
Ion Ratio Lower Upper
149 100
177 24.9 18.5 27.7
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.079 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:204 Resp: 138154
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 49.7 45.8 68.6





#61

4-Nitroaniline

Concen: 32.830 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

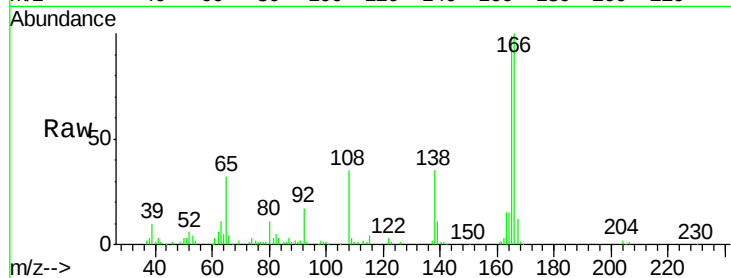
Tgt Ion:138 Resp: 43507

Ion Ratio Lower Upper

138 100

92 47.6 40.1 80.1

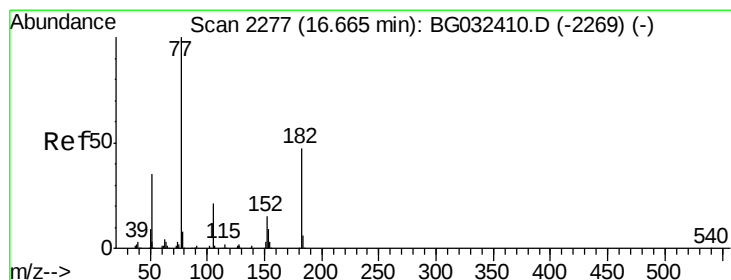
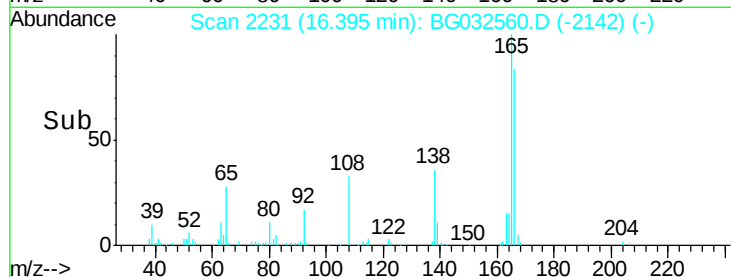
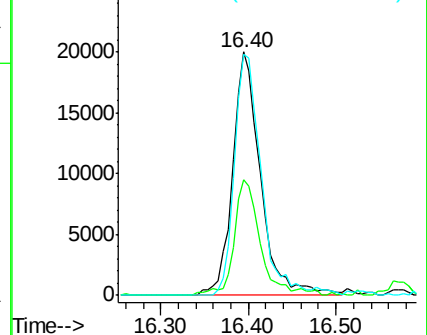
108 98.8 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.191 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion: 77 Resp: 145987

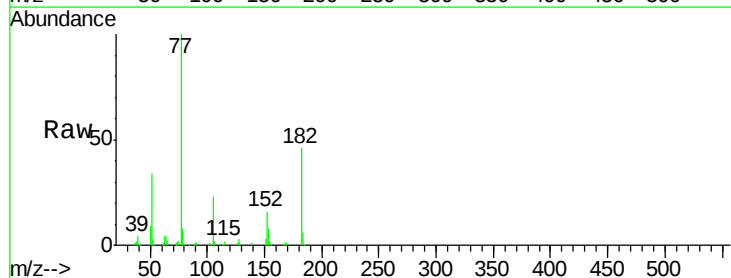
Ion Ratio Lower Upper

77 100

182 45.7 7.4 47.4

105 22.8 0.3 40.3

51 33.8 11.6 51.6

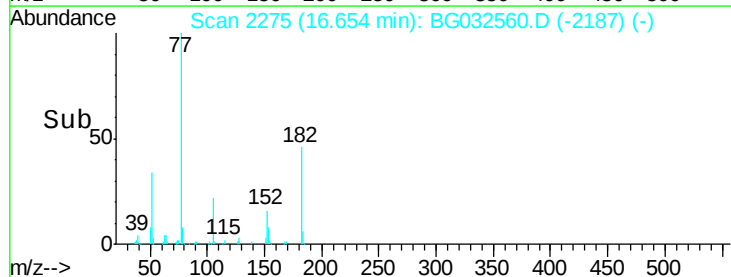
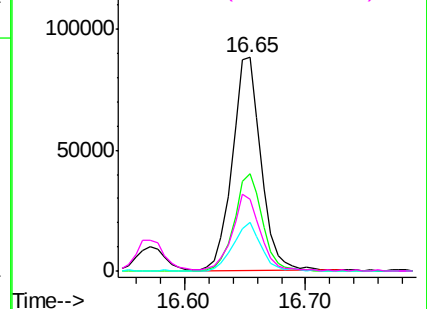


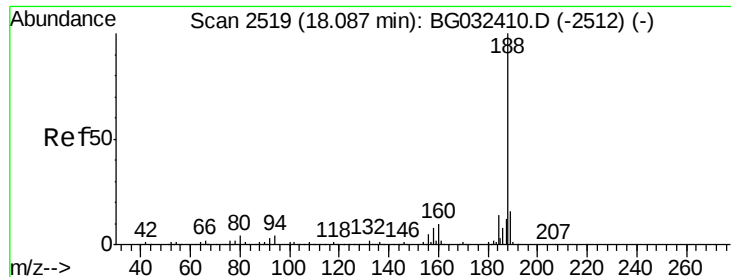
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

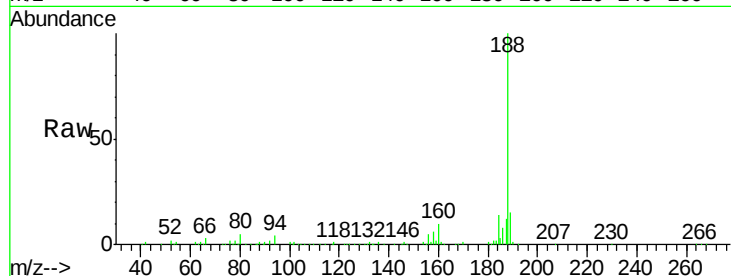
Tgt Ion:188 Resp: 192375

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

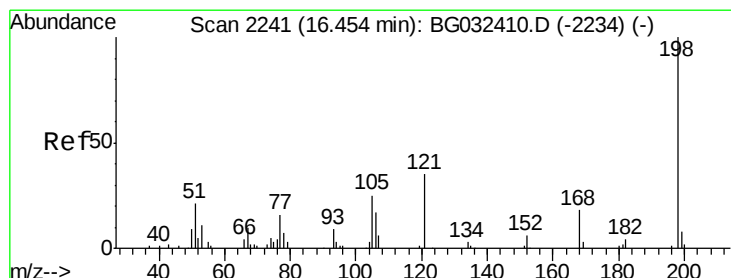
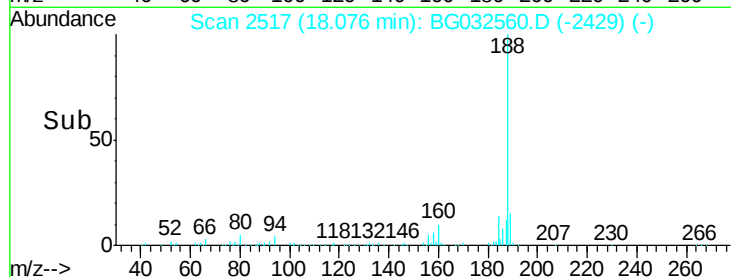
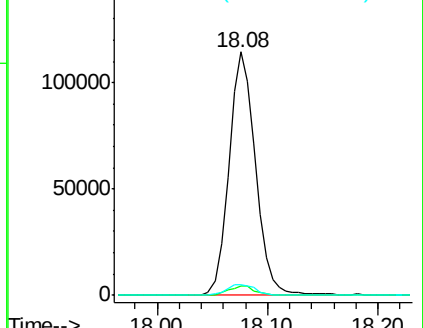
80 4.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 11.072 ng

RT: 16.44 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

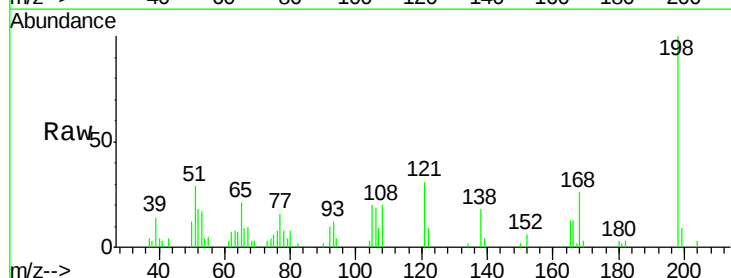
Tgt Ion:198 Resp: 15913

Ion Ratio Lower Upper

198 100

51 29.4 30.6 70.6#

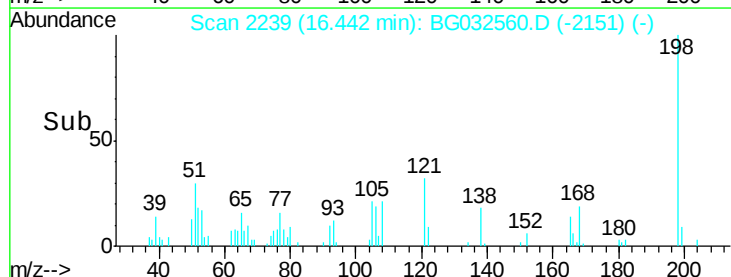
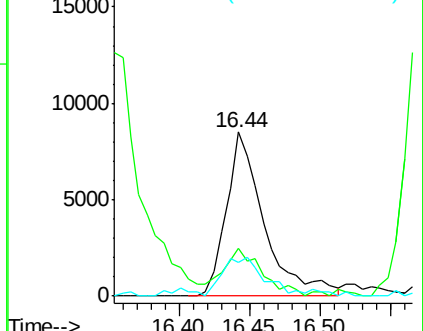
105 20.3 23.8 63.8#

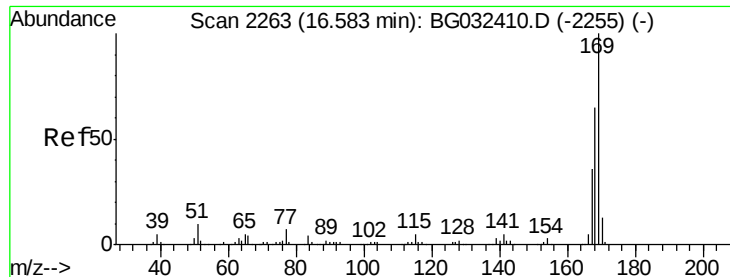


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.617 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

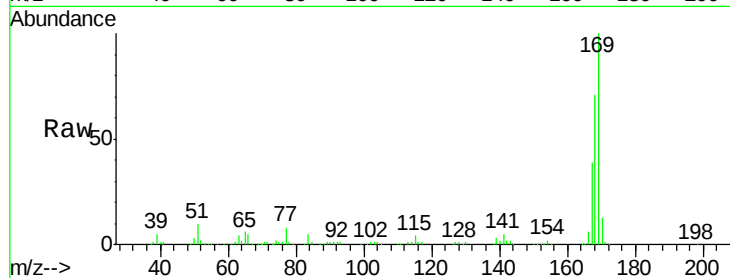
Tgt Ion:169 Resp: 215961

Ion Ratio Lower Upper

169 100

168 71.2 55.7 83.5

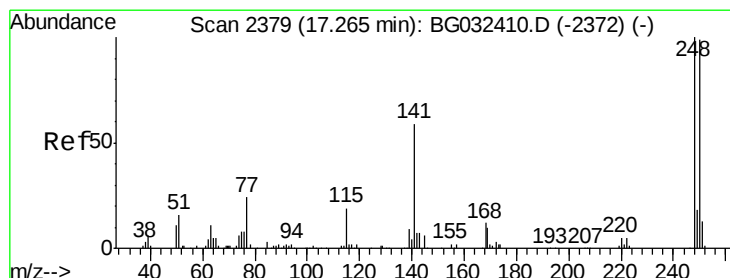
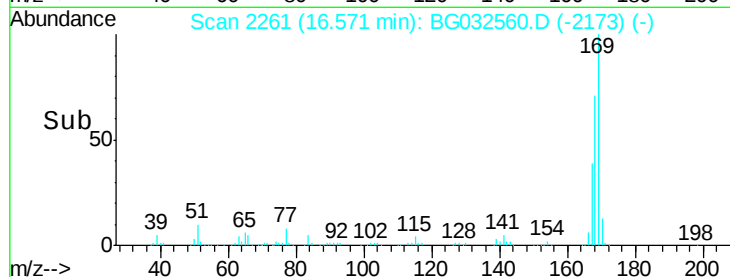
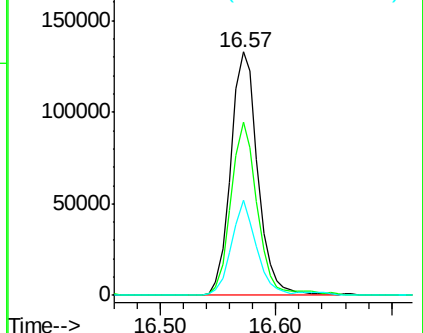
167 39.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.654 ng

RT: 17.25 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

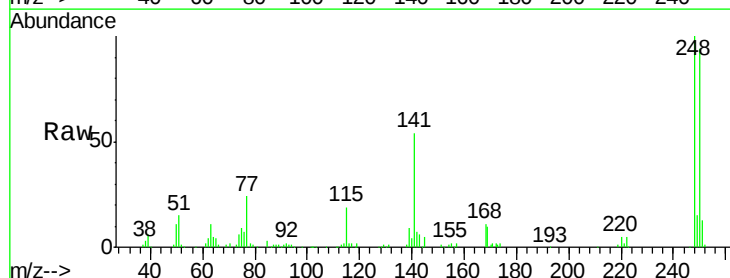
Tgt Ion:248 Resp: 107315

Ion Ratio Lower Upper

248 100

250 93.5 77.1 115.7

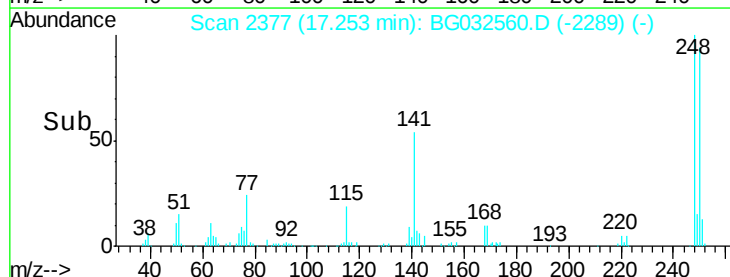
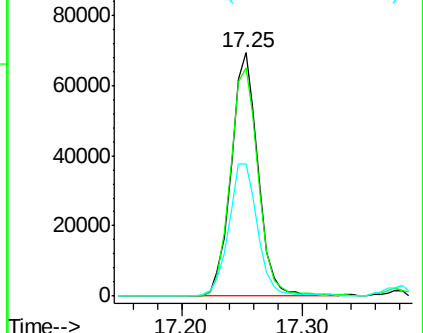
141 54.5 50.8 76.2

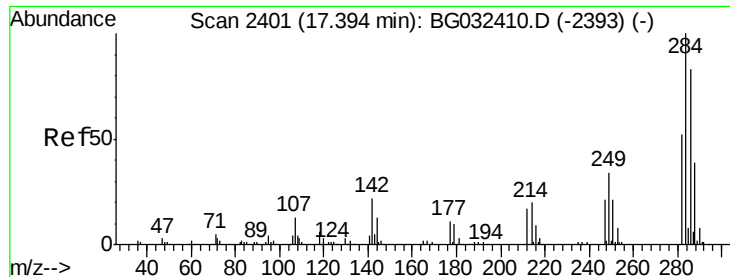


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

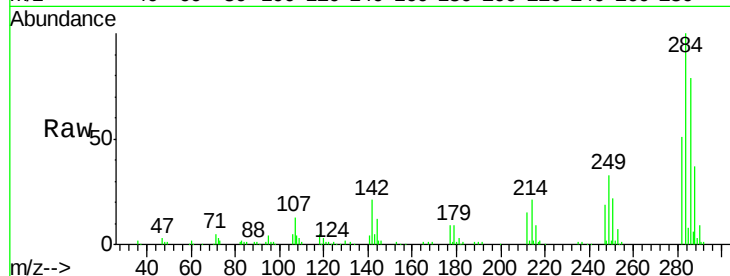




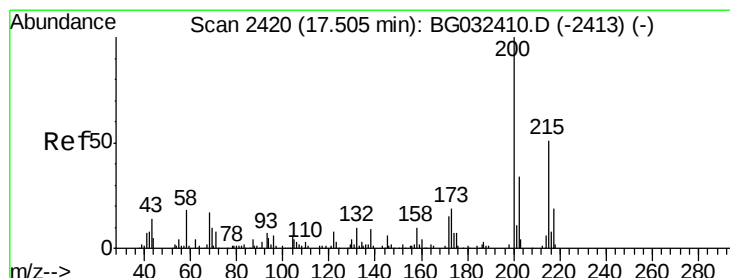
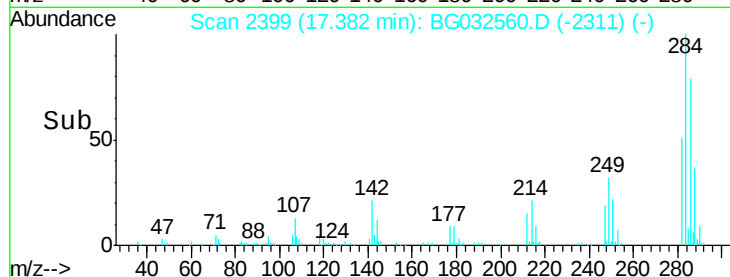
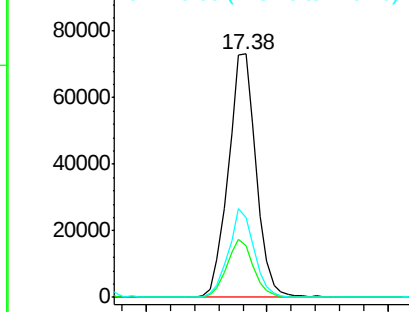
#67
Hexachlorobenzene
Concen: 37.209 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Instrument :
BNA_G
ClientSampleId :
PB106300BS

Tgt Ion:284 Resp: 117356
Ion Ratio Lower Upper
284 100
142 21.4 26.8 40.2#
249 32.8 26.3 39.5

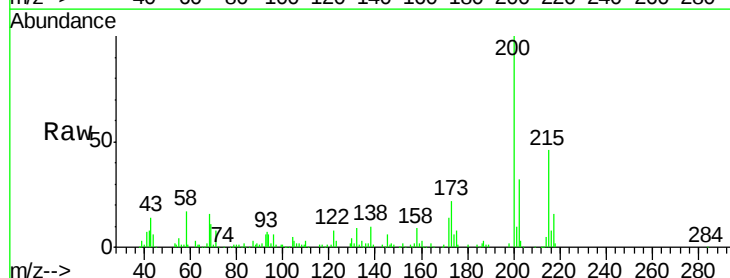


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

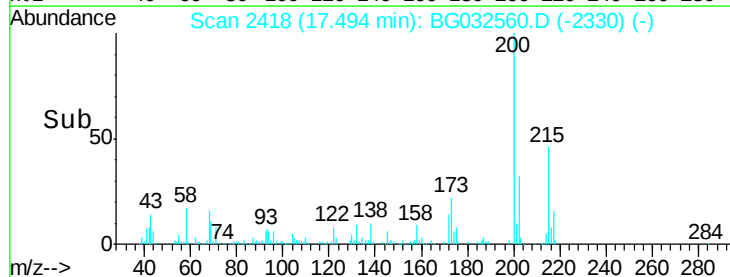
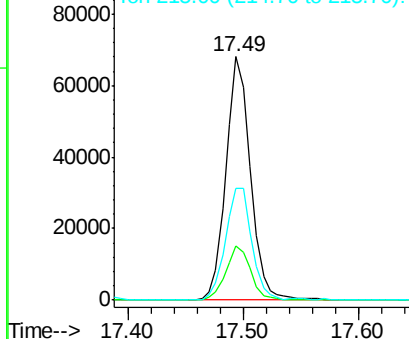


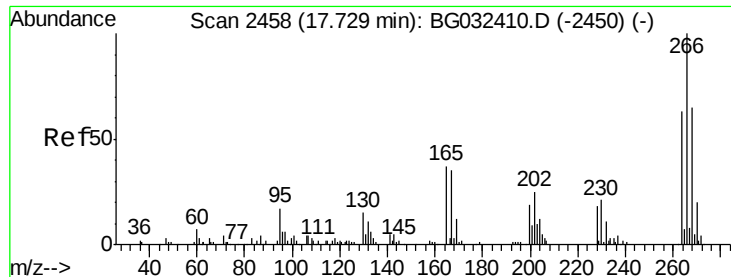
#68
Atrazine
Concen: 40.576 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:200 Resp: 100001
Ion Ratio Lower Upper
200 100
173 22.2 5.2 45.2
215 46.0 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

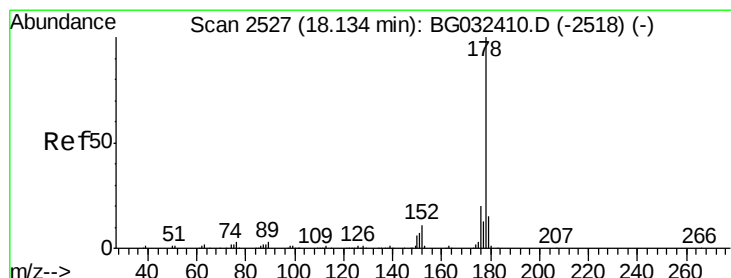
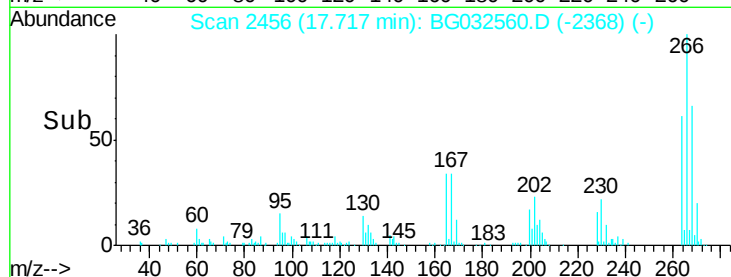
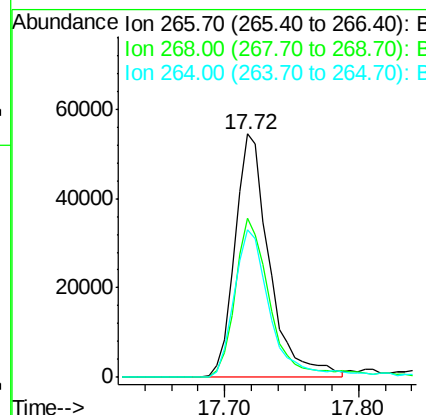
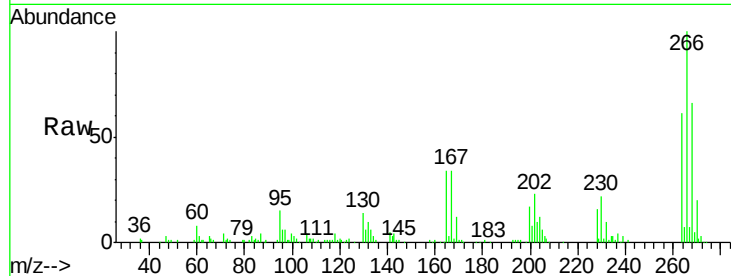




#69
 Pentachlorophenol
 Concen: 49.670 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

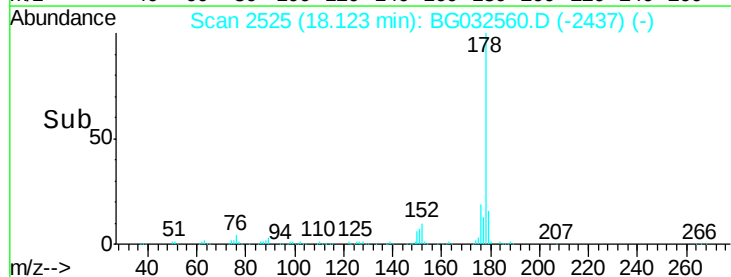
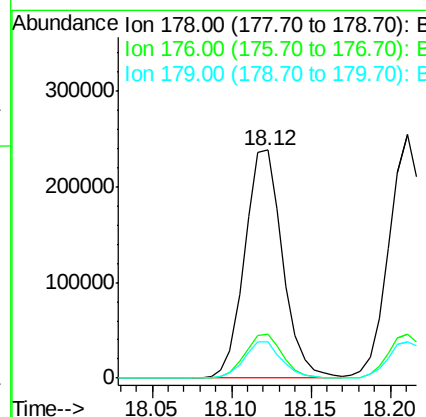
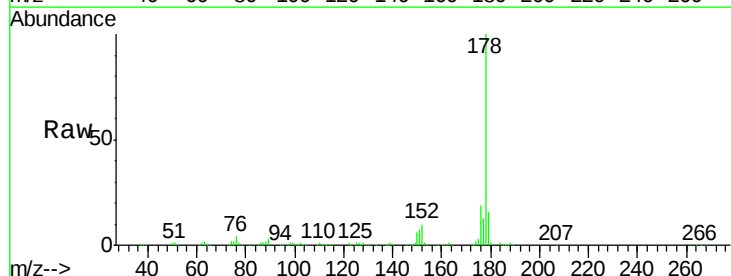
Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

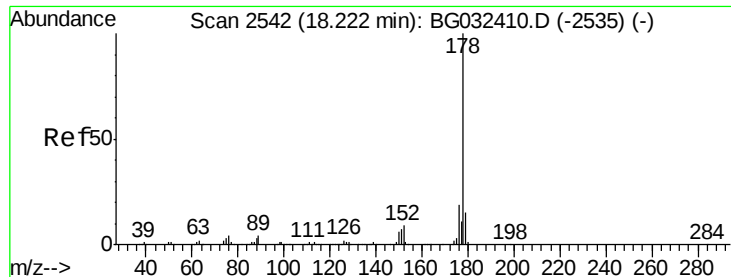
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	60.8	49.6	74.4



#70
 Phenanthrene
 Concen: 37.045 ng
 RT: 18.12 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.8	12.5	18.7

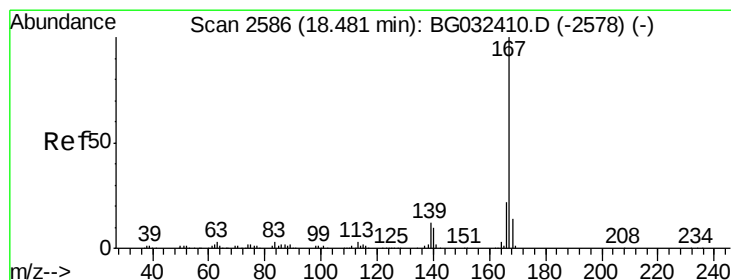
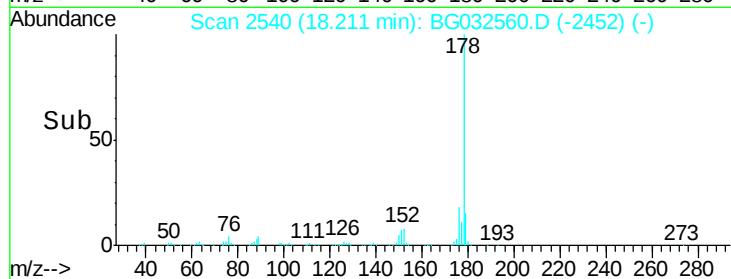
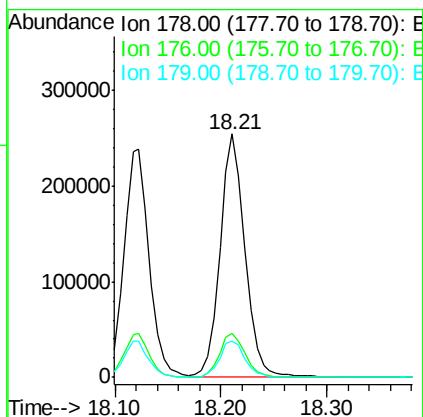
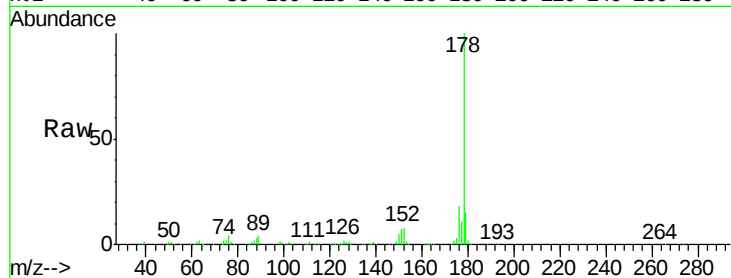




#71
 Anthracene
 Concen: 38.758 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

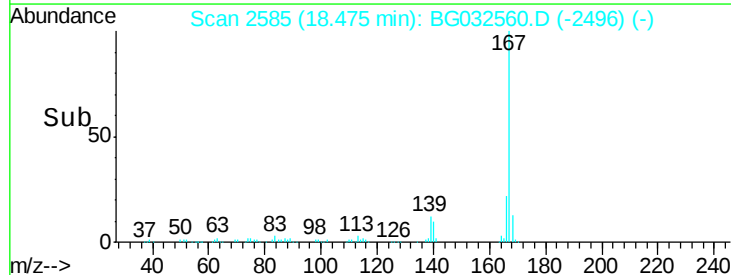
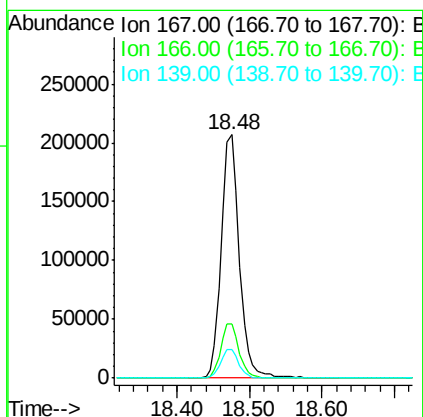
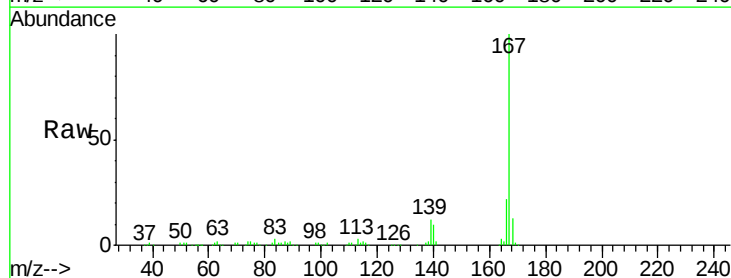
Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

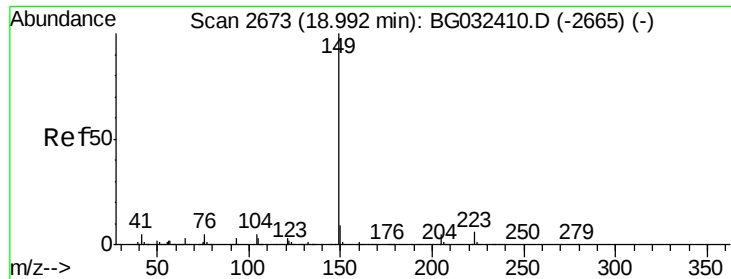
Tgt Ion:178 Resp: 414015
 Ion Ratio Lower Upper
 178 100
 176 18.1 16.0 24.0
 179 15.1 12.5 18.7



#72
 Carbazole
 Concen: 38.228 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion:167 Resp: 360809
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 12.0 9.4 14.2

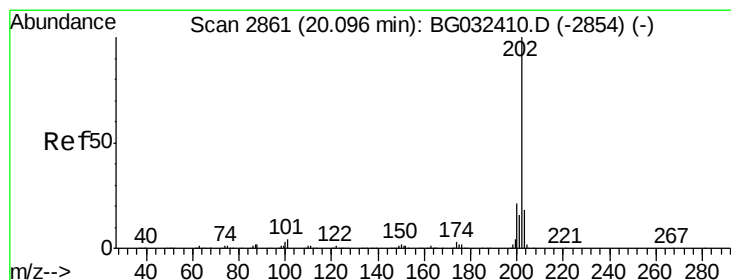
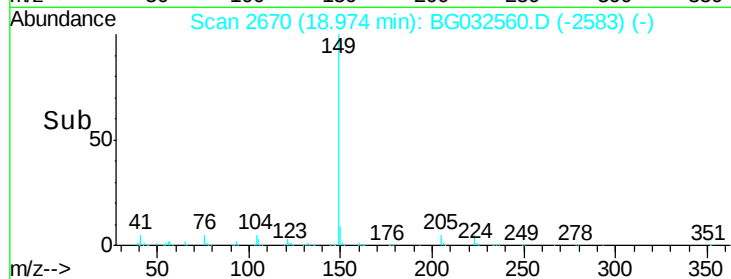
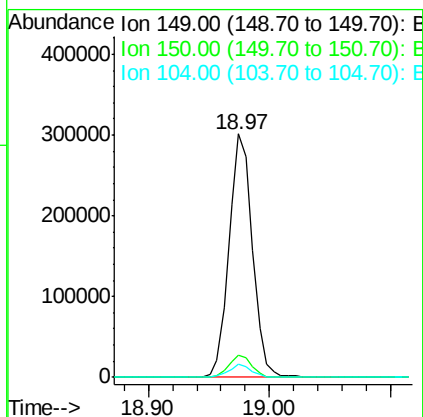
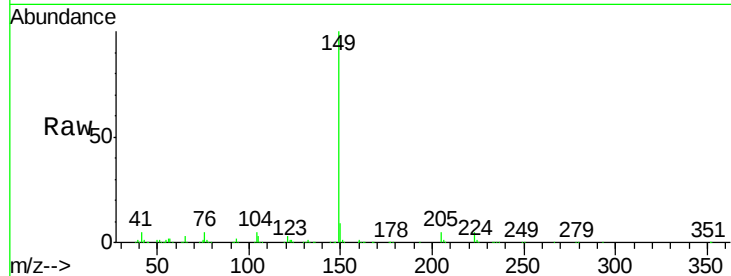




#73
Di-n-butylphthalate
Concen: 38.854 ng
RT: 18.97 min Scan# 2670
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

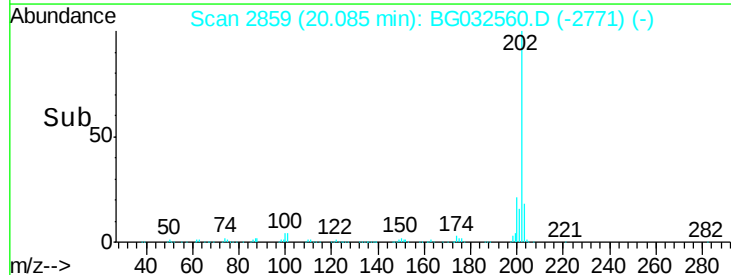
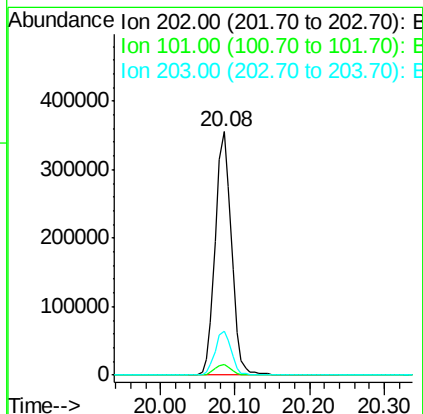
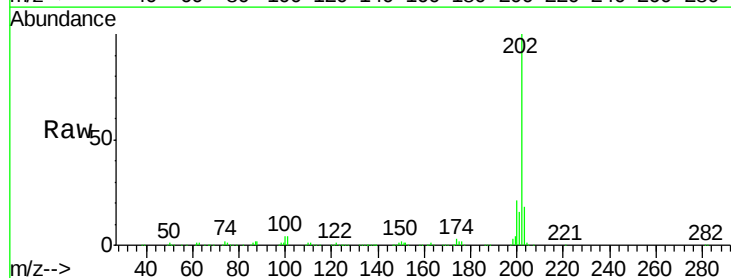
Instrument :
BNA_G
ClientSampleId :
PB106300BS

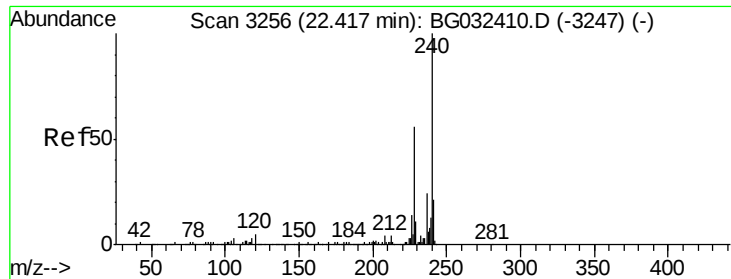
Tgt Ion:149 Resp: 406015
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 5.3 3.9 5.9



#74
Fluoranthene
Concen: 37.982 ng
RT: 20.08 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:202 Resp: 534381
Ion Ratio Lower Upper
202 100
101 4.4 0.0 28.9
203 18.0 0.0 37.5

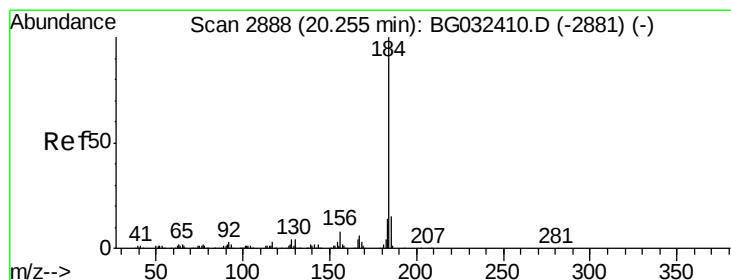
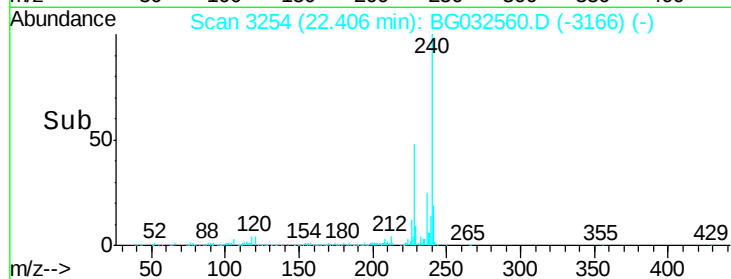
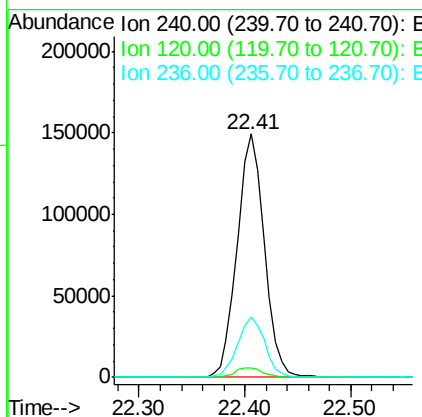
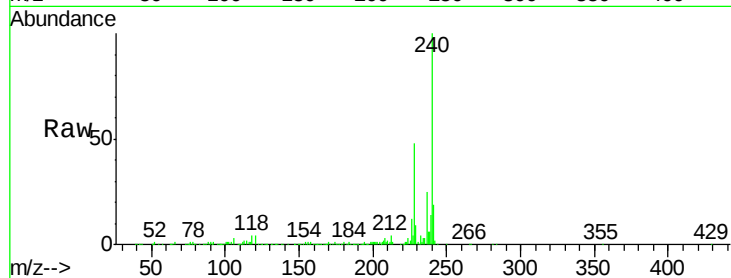




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

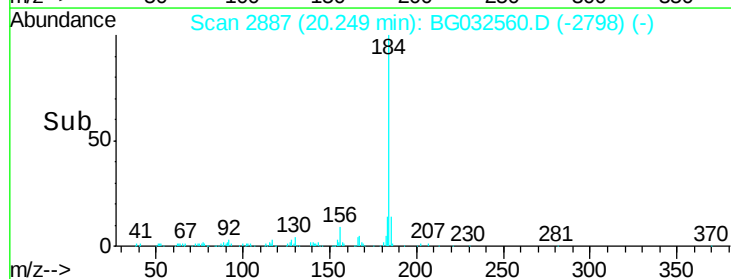
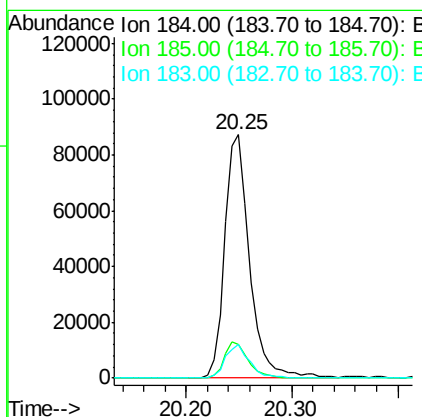
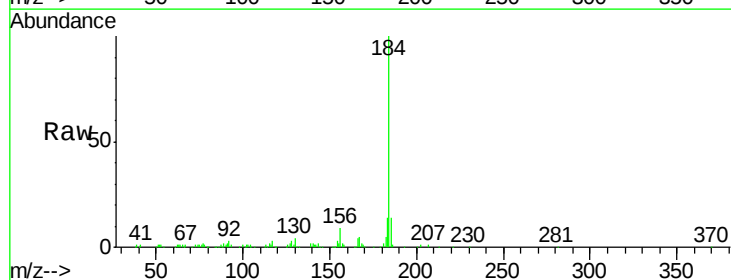
Instrument :
BNA_G
ClientSampleId :
PB106300BS

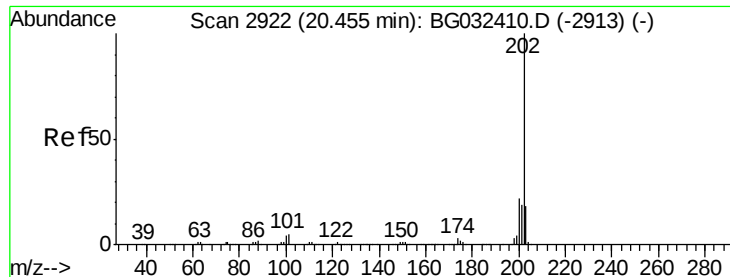
Tgt Ion:240 Resp: 265697
Ion Ratio Lower Upper
240 100
120 4.0 6.8 10.2#
236 24.7 20.9 31.3



#76
Benzidine
Concen: 27.218 ng
RT: 20.25 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:184 Resp: 142000
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 13.7 10.6 16.0





#77

Pyrene

Concen: 33.621 ng

RT: 20.44 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

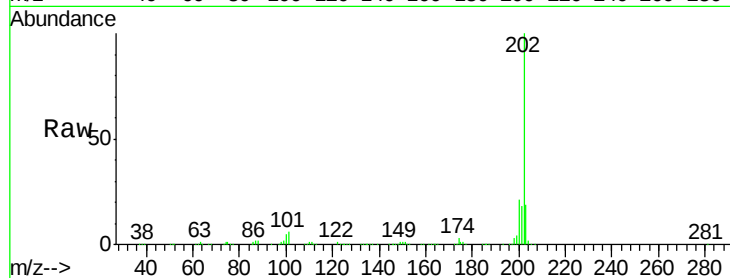
Tgt Ion:202 Resp: 547896

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

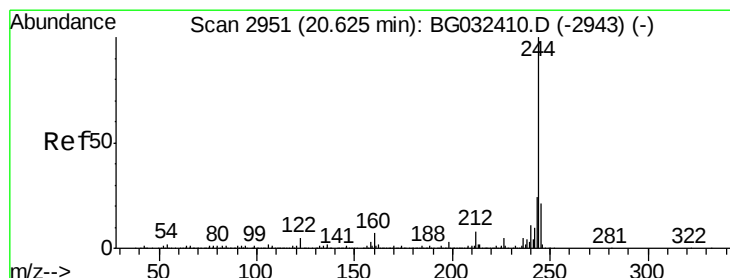
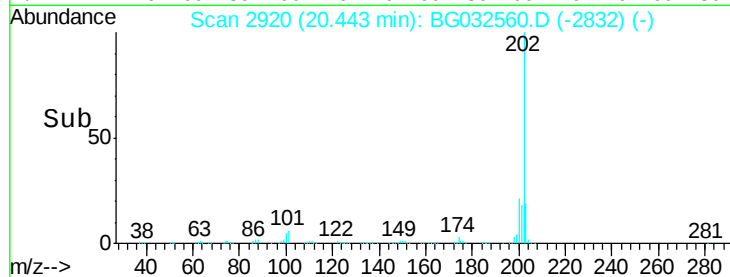
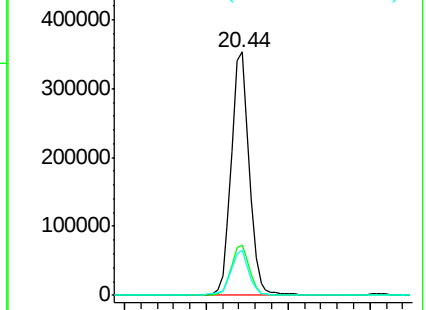
203 18.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.202 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

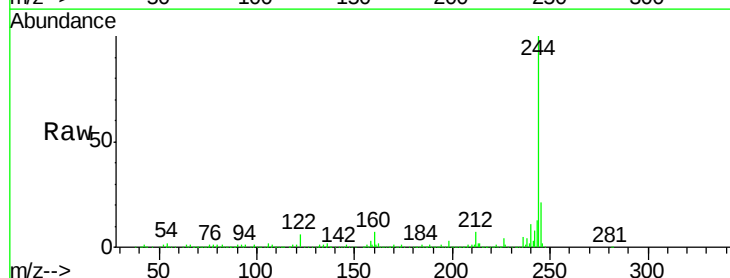
Tgt Ion:244 Resp: 932786

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

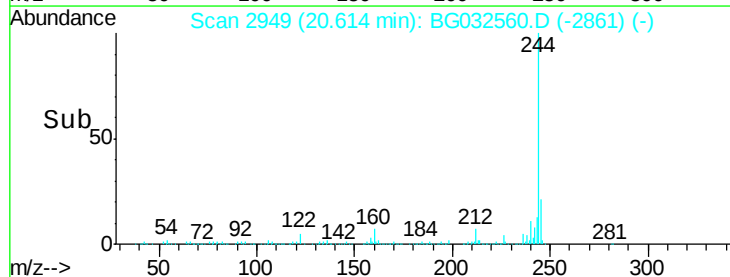
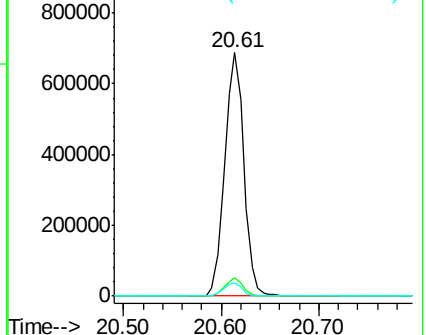
122 5.7 7.0 10.4#

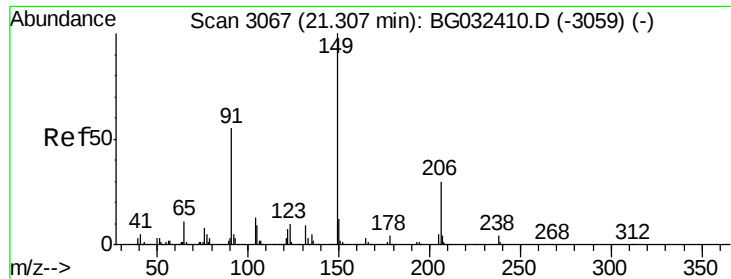


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.660 ng

RT: 21.30 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

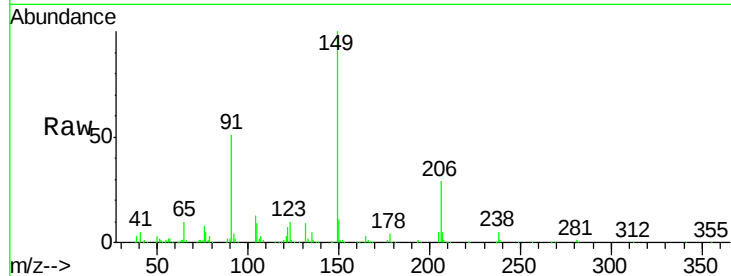
Tgt Ion:149 Resp: 193581

Ion Ratio Lower Upper

149 100

91 50.9 62.2 93.2#

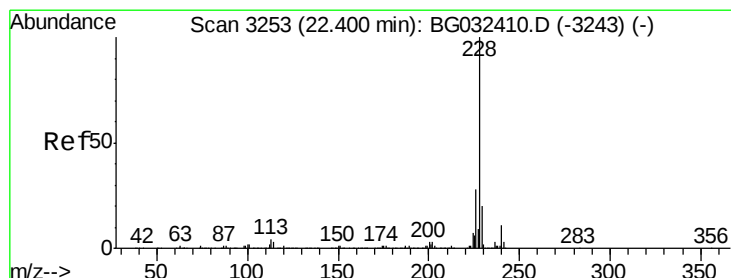
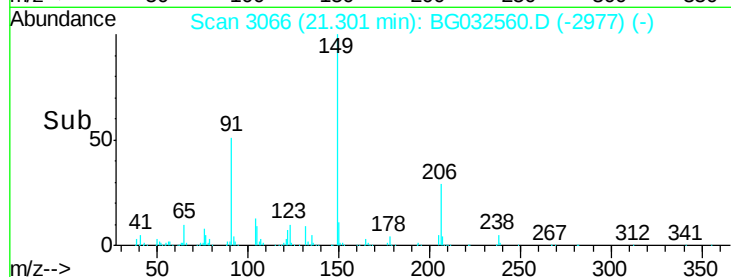
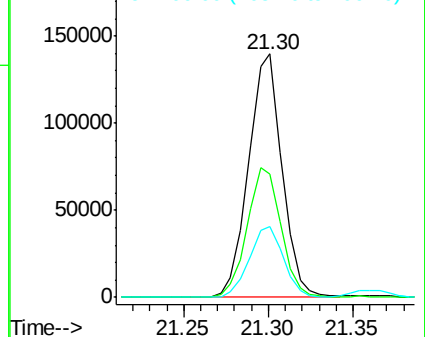
206 29.2 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.211 ng

RT: 22.38 min Scan# 3250

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

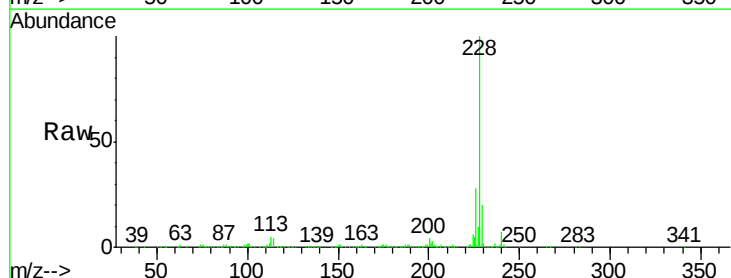
Tgt Ion:228 Resp: 629398

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

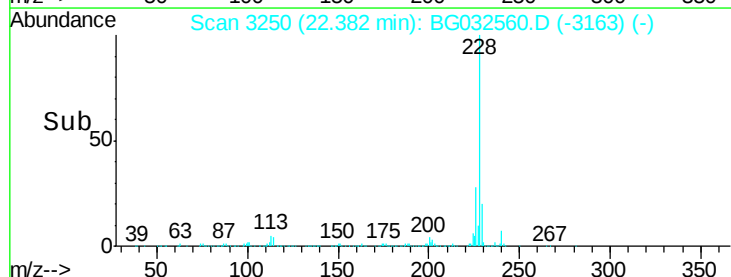
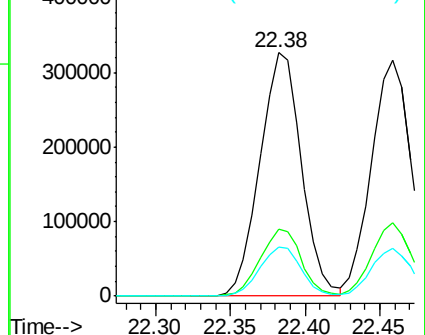
229 20.1 16.2 24.2

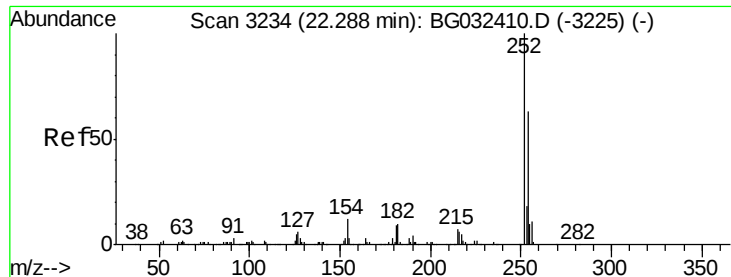


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

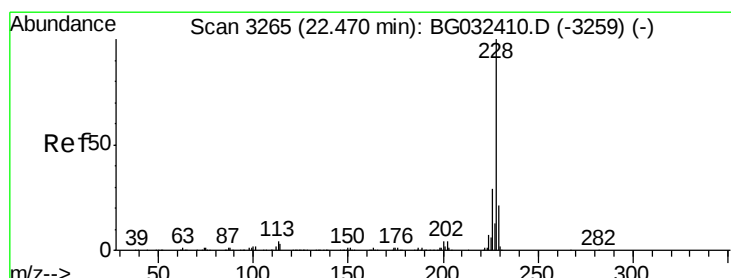
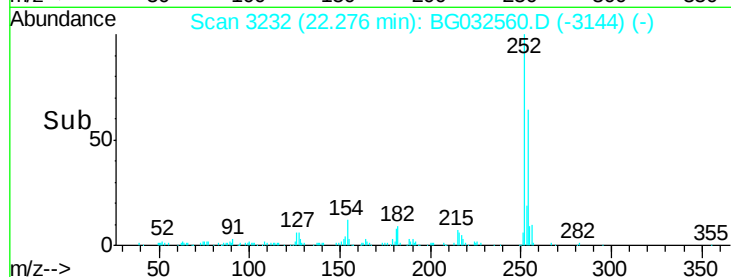
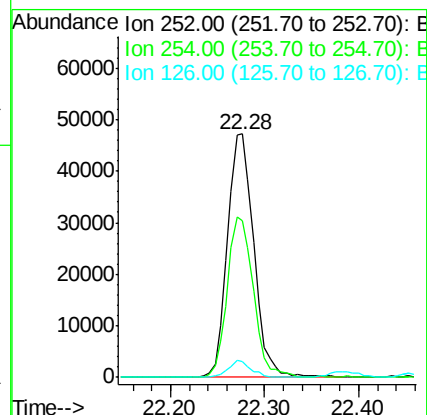
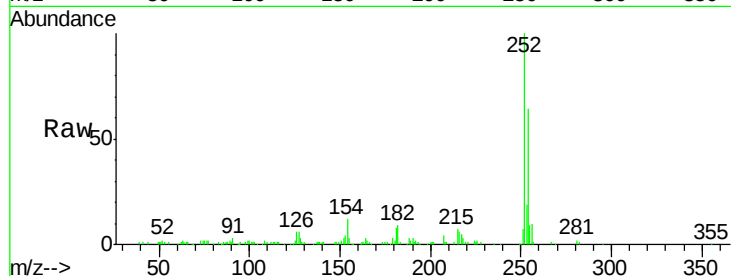




#81
 3,3'-Dichlorobenzidine
 Concen: 14.487 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

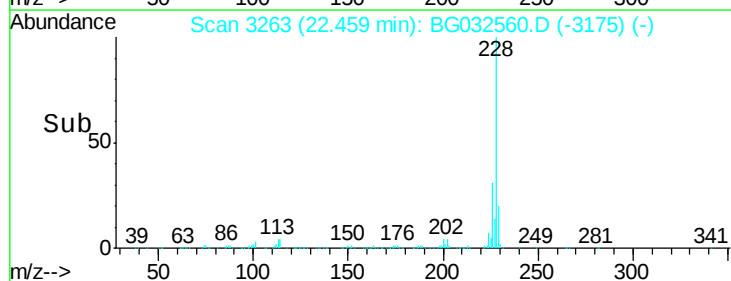
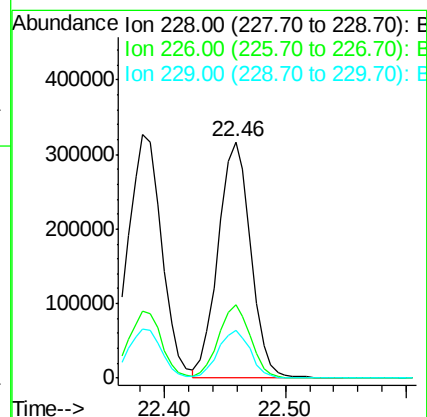
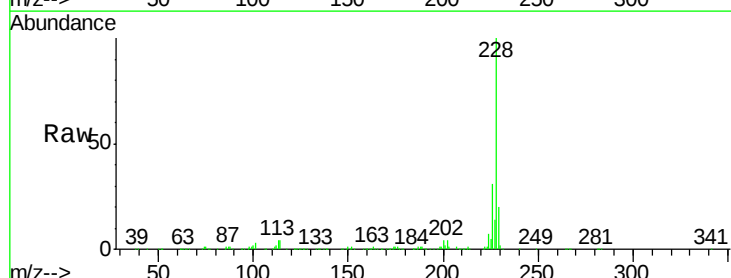
Instrument :
 BNA_G
 ClientSampleId :
 PB106300BS

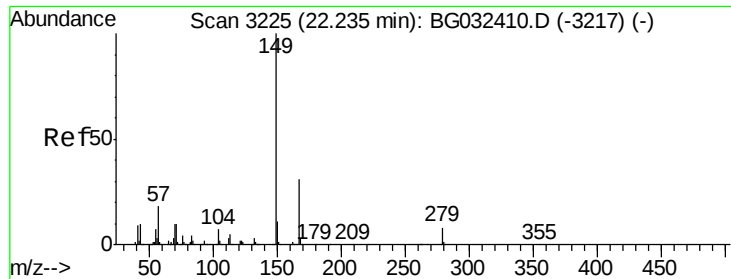
Tgt Ion:252 Resp: 92454
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.8 76.2
 126 6.3 7.4 11.2#



#82
 Chrysene
 Concen: 36.959 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032560.D
 Acq: 6 Feb 2018 7:32

Tgt Ion:228 Resp: 587917
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 20.4 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.595 ng

RT: 22.22 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

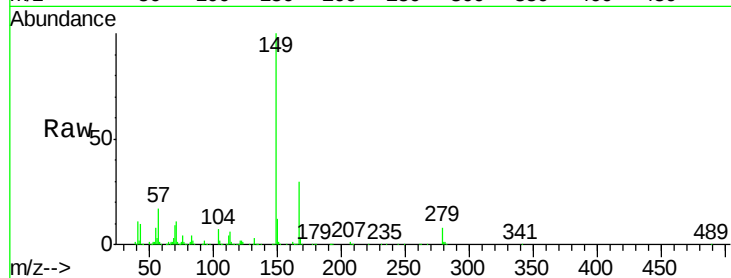
Tgt Ion:149 Resp: 281292

Ion Ratio Lower Upper

149 100

167 29.9 24.3 36.5

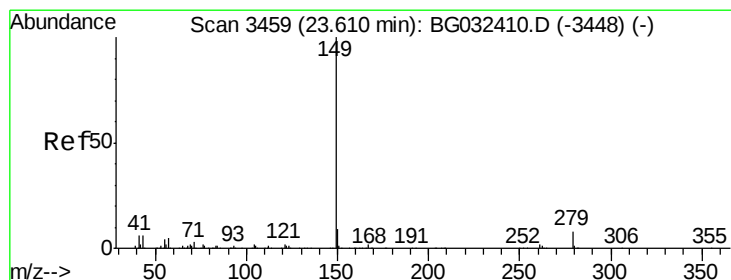
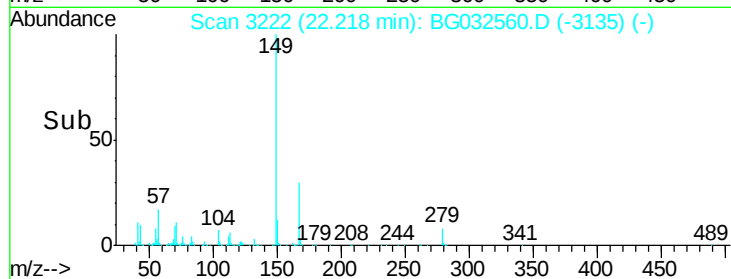
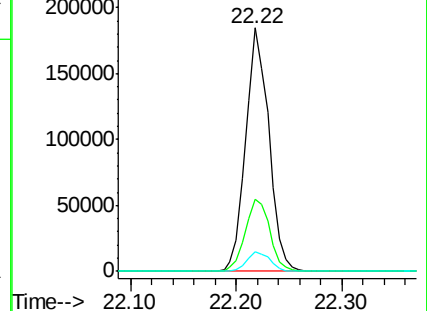
279 8.0 4.0 6.0#



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: 44.921 ng

RT: 23.59 min Scan# 3455

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

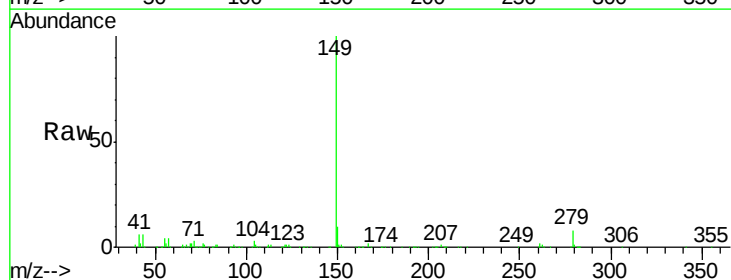
Tgt Ion:149 Resp: 519295

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

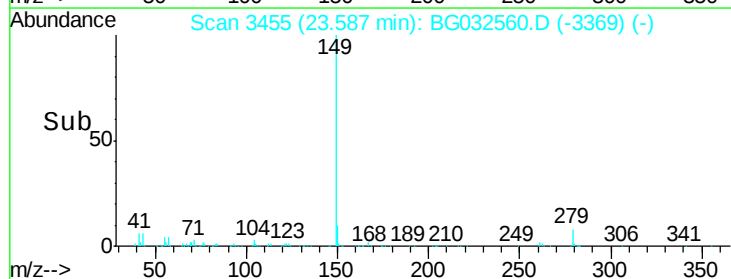
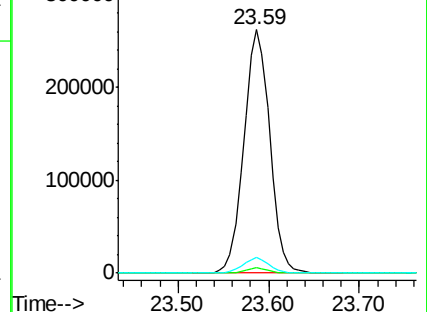
43 6.3 8.9 13.3#

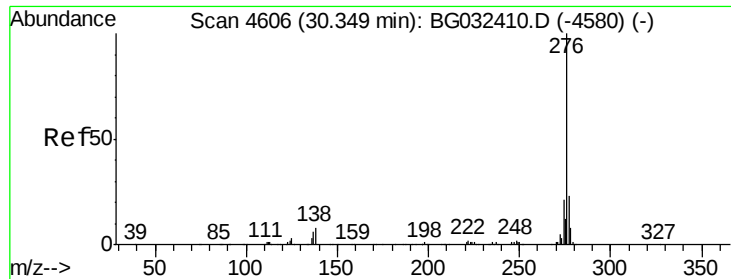


Abundance Ion 149.00 (148.70 to 149.70): E

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: 42.473 ng

RT: 30.33 min Scan# 4603

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

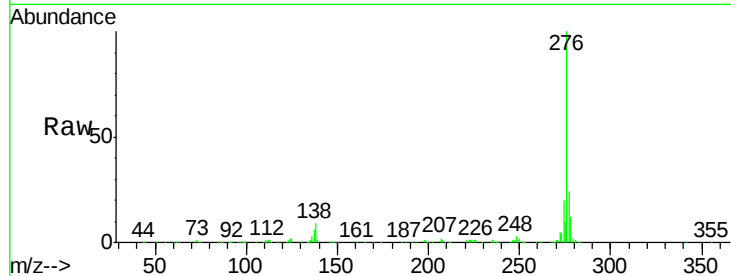
Tgt Ion:276 Resp: 854701

Ion Ratio Lower Upper

276 100

138 6.3 16.0 24.0#

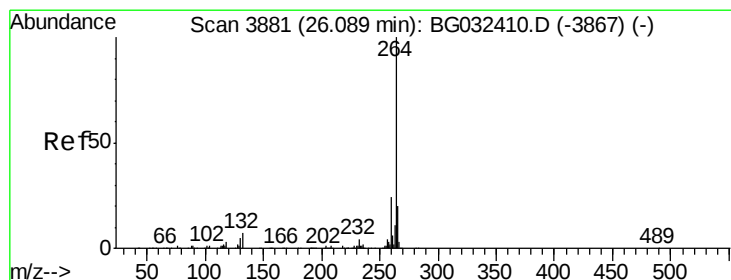
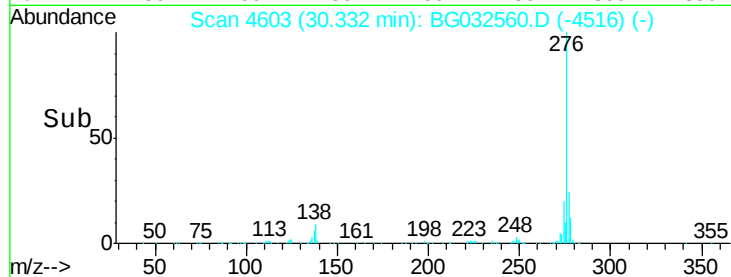
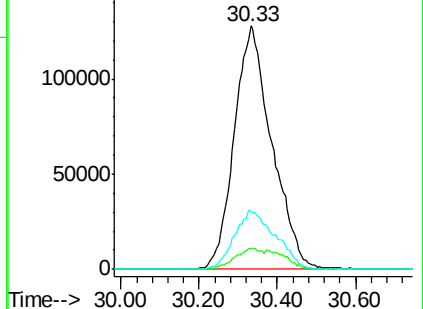
277 26.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.07 min Scan# 3878

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

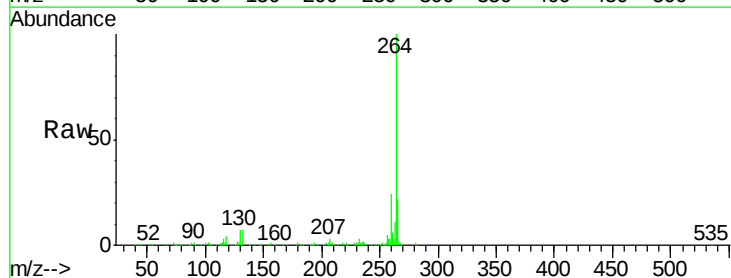
Tgt Ion:264 Resp: 302163

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

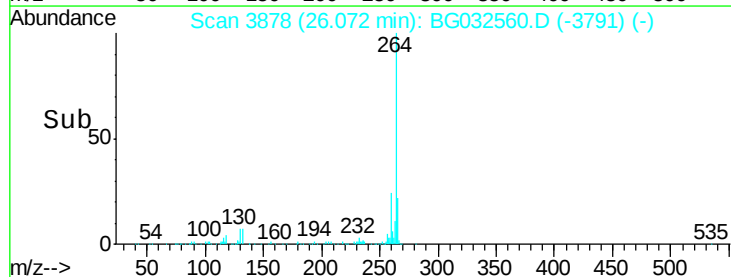
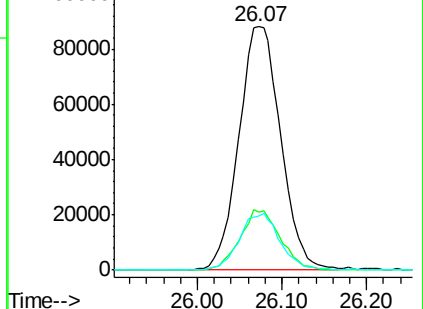
265 22.3 17.7 26.5

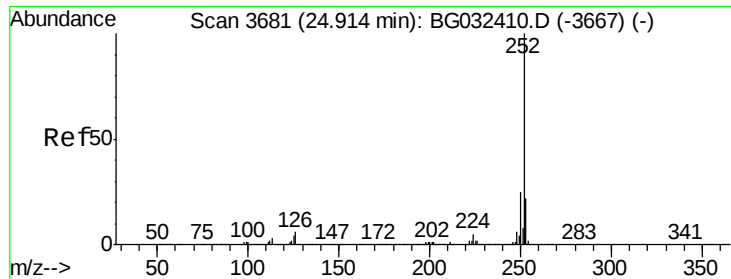


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

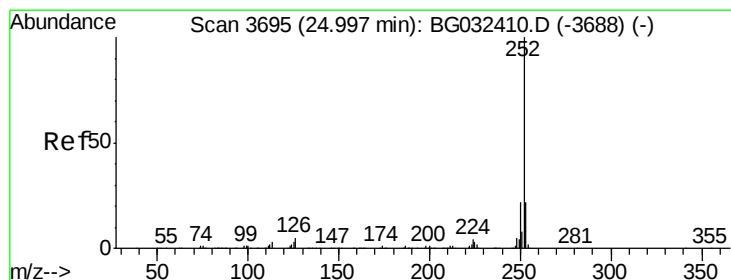
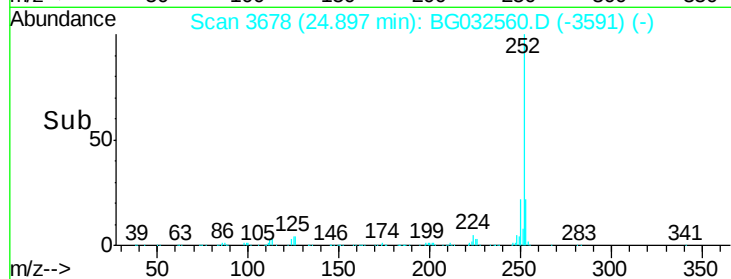
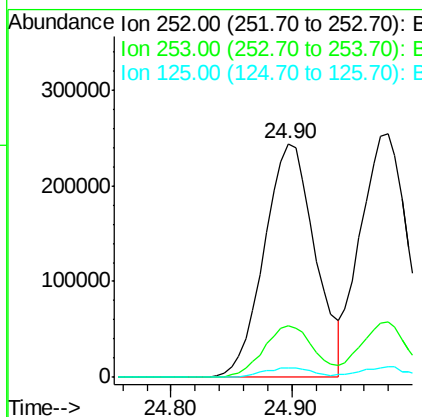
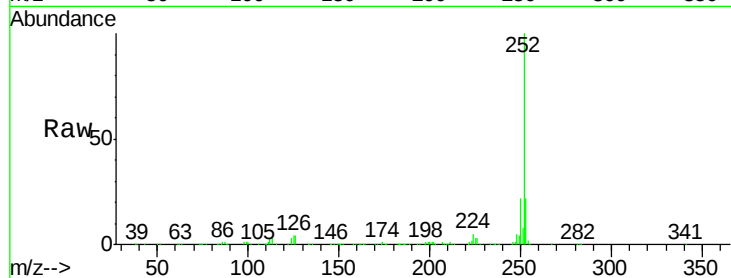




#87
Benzo(b)fluoranthene
Concen: 38.904 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

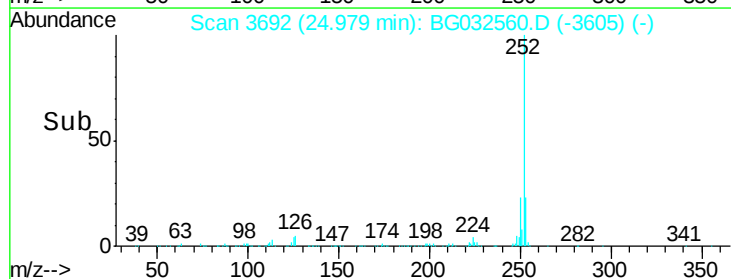
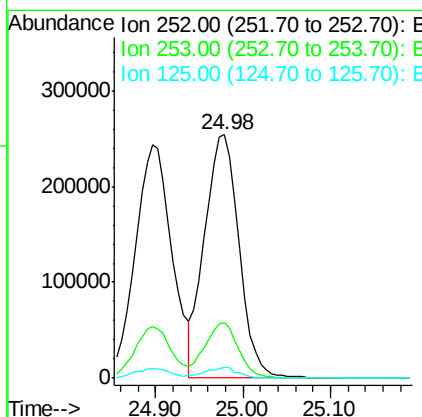
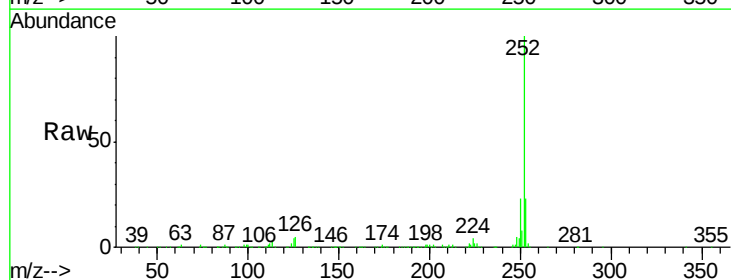
Instrument :
BNA_G
ClientSampleId :
PB106300BS

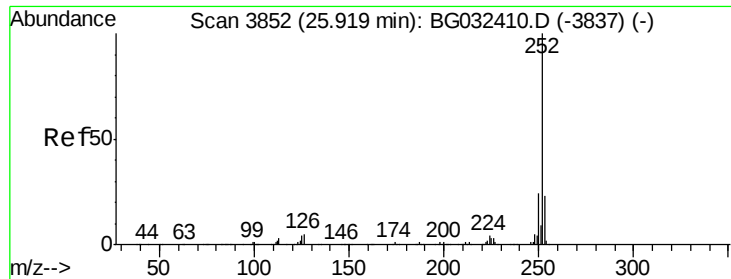
Tgt Ion:252 Resp: 710293
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 4.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 38.421 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG032560.D
Acq: 6 Feb 2018 7:32

Tgt Ion:252 Resp: 694893
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 4.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 39.778 ng

RT: 25.90 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

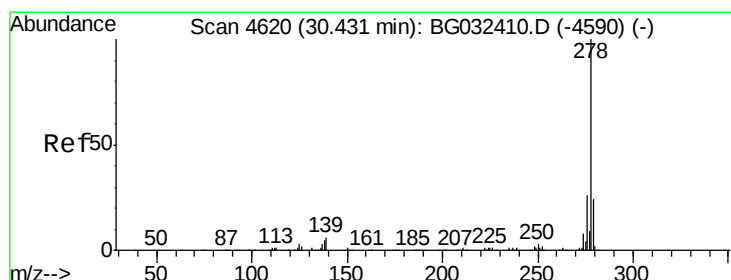
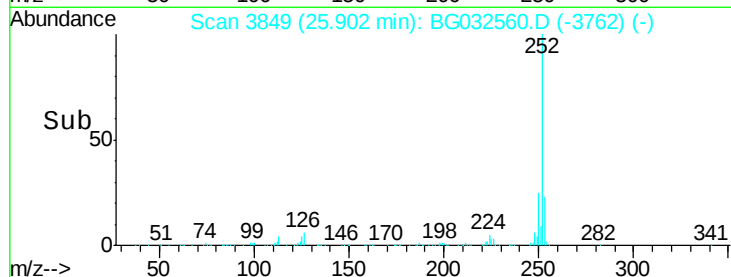
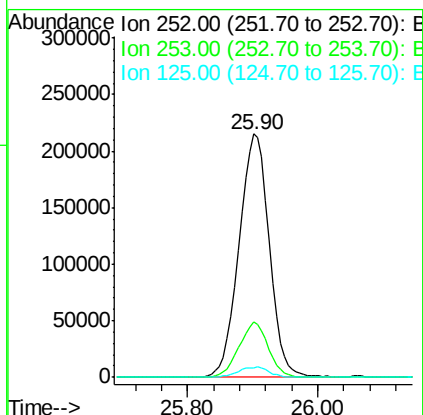
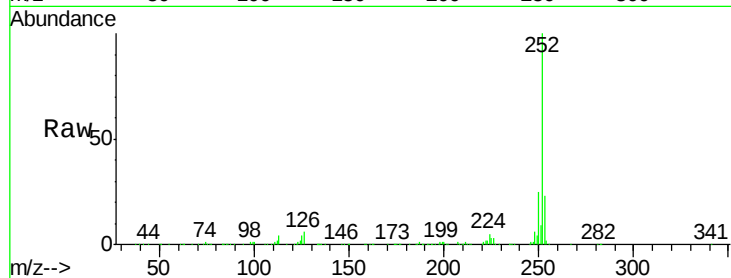
Instrument :

BNA_G

ClientSampleId :

PB106300BS

Tgt Ion:	252	Resp:	692372
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	4.0	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 39.854 ng

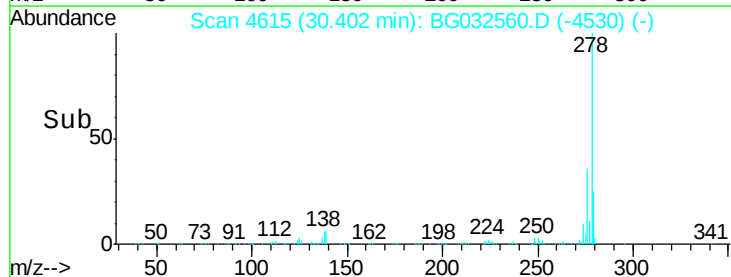
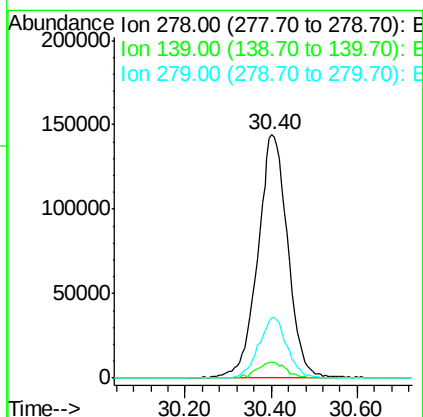
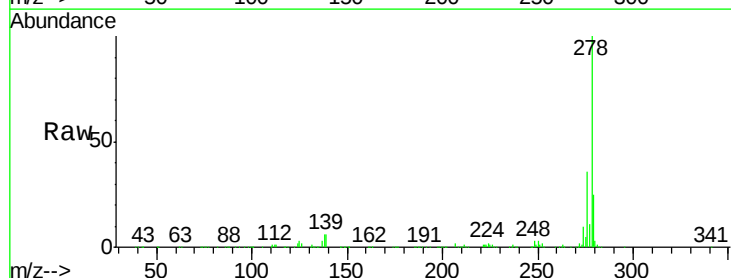
RT: 30.40 min Scan# 4615

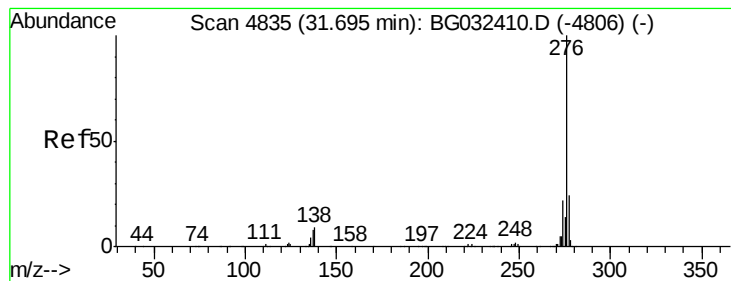
Delta R.T. -0.03 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Tgt Ion:	278	Resp:	709622
Ion	Ratio	Lower	Upper
278	100		
139	6.3	9.8	14.6#
279	24.7	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 39.904 ng

RT: 31.67 min Scan# 4831

Delta R.T. -0.02 min

Lab File: BG032560.D

Acq: 6 Feb 2018 7:32

Instrument :

BNA_G

ClientSampleId :

PB106300BS

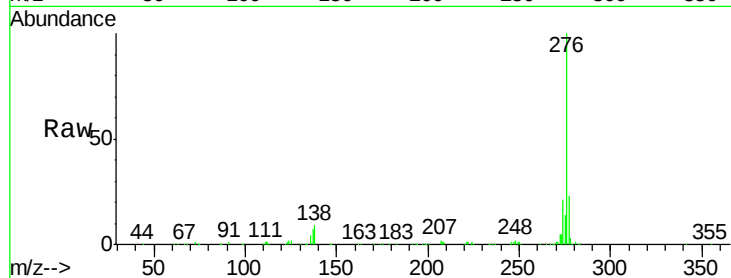
Tgt Ion:276 Resp: 705249

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 8.6 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

