

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033891.D
 Acq On : 20 Apr 2018 18:14
 Operator : SJ/JU
 Sample : PB108385BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

Quant Time: Apr 21 05:15:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	72025	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	309780	20.00	ng	0.00
38) Acenaphthene-d10	14.47	164	205751	20.00	ng	0.00
63) Phenanthrene-d10	17.22	188	498068	20.00	ng	0.00
75) Chrysene-d12	21.48	240	490767	20.00	ng	0.00
86) Perylene-d12	24.54	264	503199	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	557927	123.67	ng	0.00
7) Phenol-d6	7.01	99	738229	112.19	ng	0.00
23) Nitrobenzene-d5	8.98	82	433568	79.65	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	291863	121.59	ng	0.00
44) 2-Fluorobiphenyl	13.09	172	1087409	77.64	ng	0.00
78) Terphenyl-d14	19.86	244	1702492	77.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	64759	33.971	ng	# 87
3) Pyridine	3.80	79	176671	32.032	ng	96
4) n-Nitrosodimethylamine	3.72	42	91816	36.539	ng	# 89
6) Aniline	7.16	93	104414	11.871	ng	98
8) 2-Chlorophenol	7.40	128	184816	36.561	ng	94
9) Benzaldehyde	6.98	77	113983	30.683	ng	94
10) Phenol	7.03	94	245039	36.352	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	170038	32.981	ng	98
12) 1,3-Dichlorobenzene	7.73	146	195559	33.606	ng	98
13) 1,4-Dichlorobenzene	7.87	146	195565	33.181	ng	98
14) 1,2-Dichlorobenzene	8.19	146	185185	32.309	ng	96
15) Benzyl Alcohol	8.07	79	184576	32.169	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.37	45	305674	30.399	ng	98
17) 2-Methylphenol	8.27	107	164581	32.947	ng	97
18) Hexachloroethane	8.91	117	72105	33.479	ng	99
19) n-Nitroso-di-n-propylamine	8.64	70	156573	27.915	ng	96
20) 3+4-Methylphenols	8.60	107	231076	31.836	ng	94
22) Acetophenone	8.65	105	274480	32.555	ng	# 98
24) Nitrobenzene	9.03	77	214630	36.184	ng	94
25) Isophorone	9.55	82	411147	33.595	ng	96
26) 2-Nitrophenol	9.73	139	92475	39.456	ng	96
27) 2,4-Dimethylphenol	9.79	122	187472	42.764	ng	94
28) bis(2-Chloroethoxy)methane	10.04	93	239395	37.013	ng	97
29) 2,4-Dichlorophenol	10.26	162	199493	40.822	ng	92
30) 1,2,4-Trichlorobenzene	10.48	180	190635	34.829	ng	98
31) Naphthalene	10.67	128	548269	34.417	ng	99
32) Benzoic acid	9.93	122	136908	33.099	ng	# 88
33) 4-Chloroaniline	10.78	127	58985	7.878	ng	97
34) Hexachlorobutadiene	10.96	225	116971	35.723	ng	98
35) Caprolactam	11.59	113	29112	14.011	ng	91
36) 4-Chloro-3-methylphenol	11.90	107	220731	37.007	ng	92
37) 2-Methylnaphthalene	12.28	142	417603	34.240	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	238358	34.888	ng	97
40) Hexachlorocyclopentadiene	12.63	237	298576	79.480	ng	92

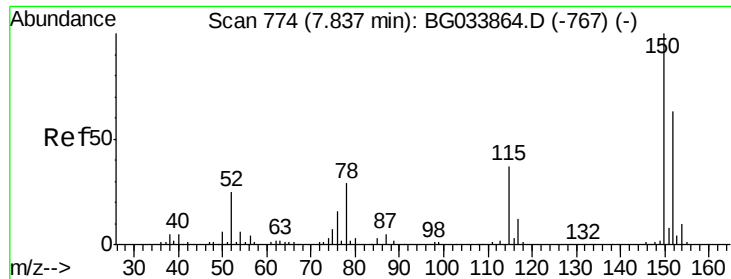
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	167028	40.097	ng	97
43) 2,4,5-Trichlorophenol	12.96	196	182135	38.032	ng	93
45) 1,1'-Biphenyl	13.30	154	566791	34.030	ng	98
46) 2-Chloronaphthalene	13.34	162	428983	33.969	ng	99
47) 2-Nitroaniline	13.54	65	143784	36.464	ng	93
48) Acenaphthylene	14.19	152	694088	33.064	ng	99
49) Dimethylphthalate	13.93	163	593643	32.800	ng	99
50) 2,6-Dinitrotoluene	14.04	165	127739	37.243	ng	90
51) Acenaphthene	14.53	154	430957	32.680	ng	98
52) 3-Nitroaniline	14.37	138	38164	10.247	ng	# 86
53) 2,4-Dinitrophenol	14.58	184	119573	97.482	ng	# 55
54) Dibenzofuran	14.87	168	680786	34.821	ng	96
55) 4-Nitrophenol	14.68	139	232394	79.561	ng	89
56) 2,4-Dinitrotoluene	14.83	165	176796	38.762	ng	86
57) Fluorene	15.52	166	564260	33.352	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	174308	39.752	ng	99
59) Diethylphthalate	15.31	149	608301	31.797	ng	98
60) 4-Chlorophenyl-phenylether	15.52	204	304194	34.376	ng	96
61) 4-Nitroaniline	15.54	138	132698	33.557	ng	94
62) Azobenzene	15.81	77	562479	32.984	ng	99
64) 4,6-Dinitro-2-methylphenol	15.59	198	83038	36.431	ng	93
65) n-Nitrosodiphenylamine	15.73	169	503817	34.793	ng	98
66) 4-Bromophenyl-phenylether	16.42	248	194987	35.648	ng	95
67) Hexachlorobenzene	16.52	284	197126	33.793	ng	# 73
68) Atrazine	16.69	200	210076	37.032	ng	97
69) Pentachlorophenol	16.86	266	266761	66.576	ng	# 57
70) Phenanthrene	17.26	178	918381	34.371	ng	99
71) Anthracene	17.35	178	940295	35.190	ng	99
72) Carbazole	17.62	167	861412	33.416	ng	97
73) Di-n-butylphthalate	18.21	149	1044245	32.562	ng	99
74) Fluoranthene	19.28	202	1121094	34.686	ng	96
76) Benzidine	19.47	184	238284	17.980	ng	99
77) Pyrene	19.64	202	1112671	34.567	ng	96
79) Butylbenzylphthalate	20.56	149	477597	33.786	ng	92
80) Benzo(a)anthracene	21.46	228	1089064	35.192	ng	98
81) 3,3'-Dichlorobenzidine	21.38	252	183290	15.885	ng	99
82) Chrysene	21.52	228	1022993	34.617	ng	97
83) Bis(2-ethylhexyl)phthalate	21.42	149	680961	34.110	ng	96
84) Di-n-octyl phthalate	22.59	149	1163357	36.714	ng	100
85) Indeno(1,2,3-cd)pyrene	28.01	276	1238134	36.807	ng	# 90
87) Benzo(b)fluoranthene	23.58	252	1104391	35.976	ng	99
88) Benzo(k)fluoranthene	23.64	252	1058138	34.701	ng	97
89) Benzo(a)pyrene	24.40	252	1062034	36.124	ng	99
90) Dibenzo(a,h)anthracene	28.09	278	1023530	35.979	ng	97
91) Benzo(g,h,i)perylene	29.09	276	1024877	36.613	ng	98

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

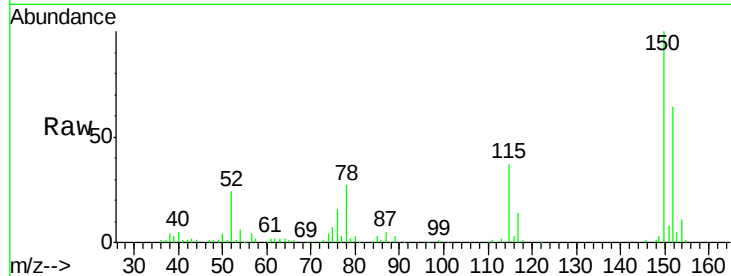


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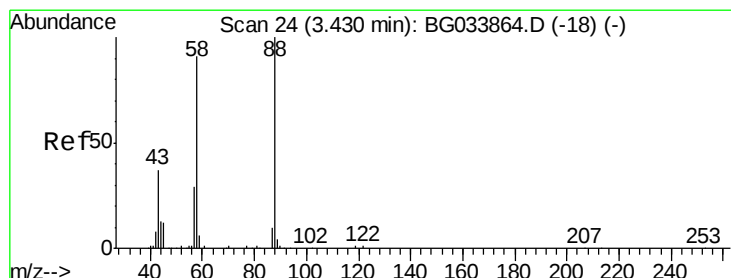
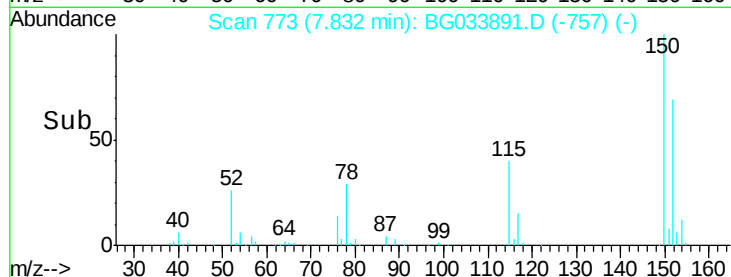
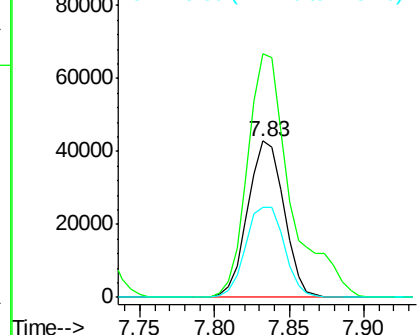
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB108385BS

Tot Ion:152 Resp: 72025
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 57.5 53.0 79.4



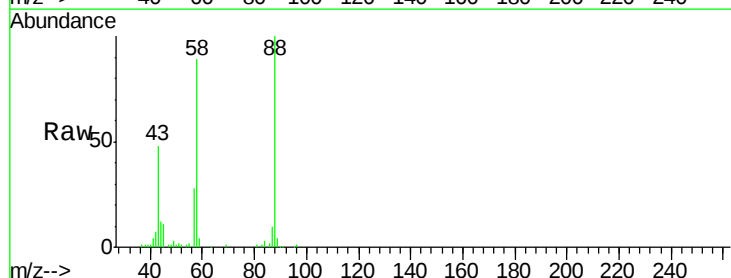
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



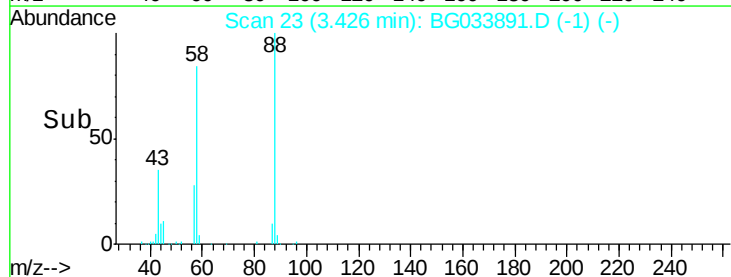
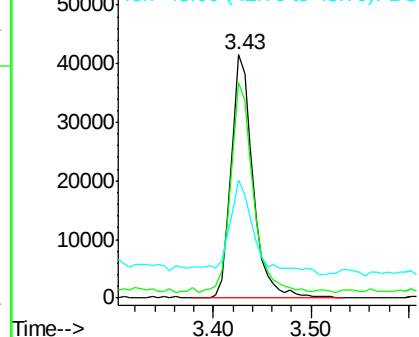
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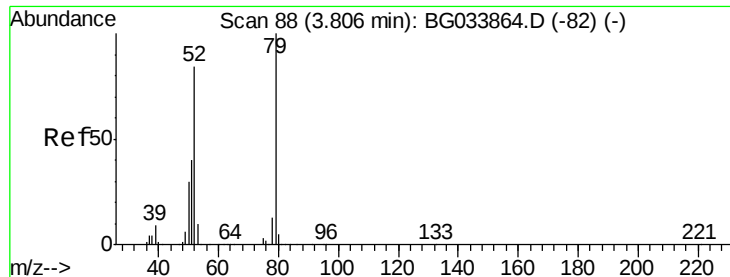
1,4-Dioxane
Concen: 33.971 ng
RT: 3.43 min Scan# 23
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion: 88 Resp: 64759
Ion Ratio Lower Upper
88 100
58 87.2 79.6 119.4
43 42.1 27.4 41.0#



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





#3

Pvridine

Concen: 32.032 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

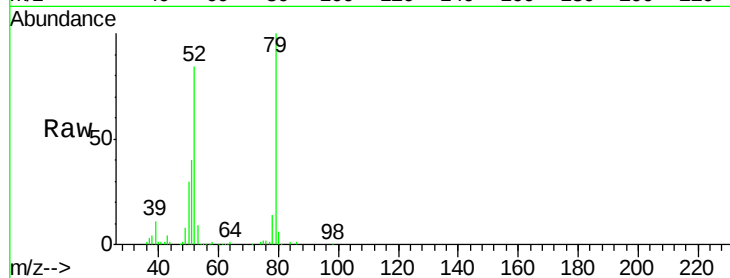
Tot Ion: 79 Resp: 176671

Ion Ratio Lower Upper

79 100

52 83.7 69.9 104.9

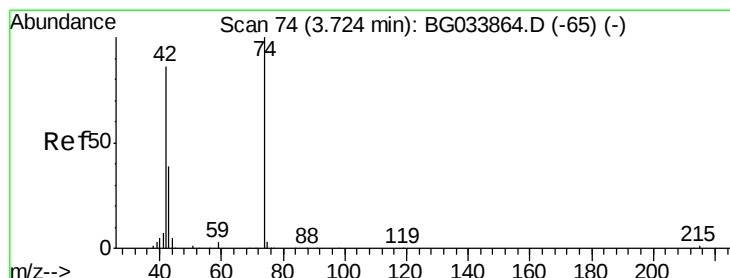
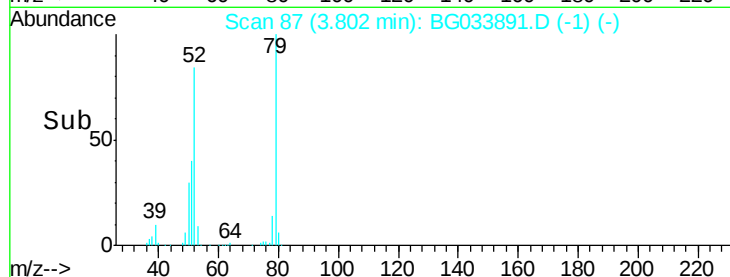
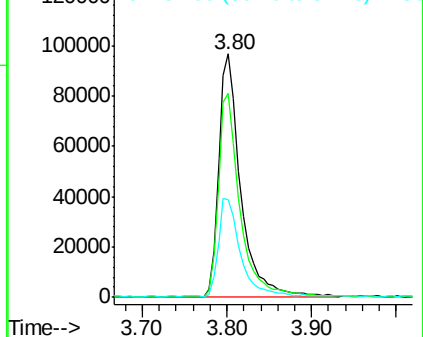
51 40.1 34.0 51.0



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: 36.539 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

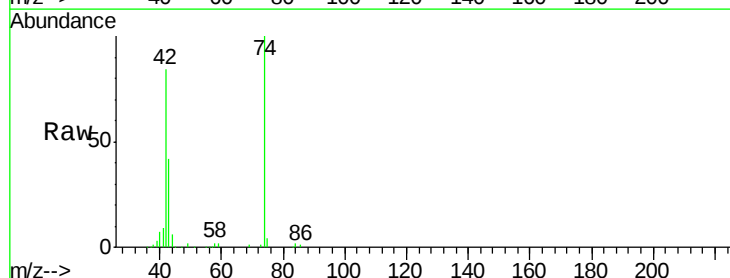
Tgt Ion: 42 Resp: 91816

Ion Ratio Lower Upper

42 100

74 119.7 102.5 153.7

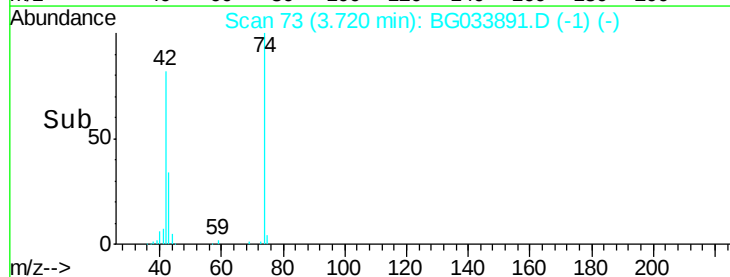
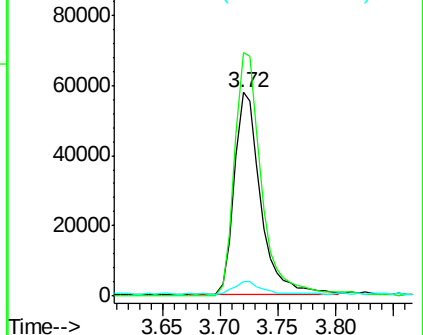
44 7.1 18.9 28.3#

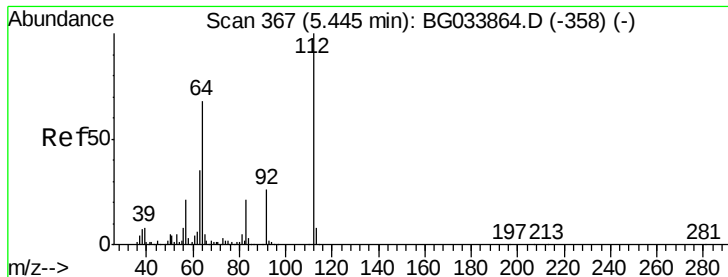


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 123.672 ng

RT: 5.45 min Scan# 367

Delta R.T. 0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

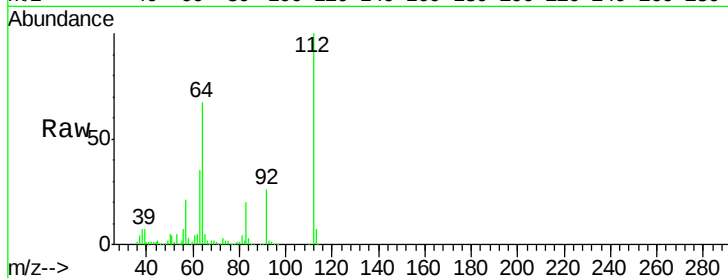
Tot Ion:112 Resp: 557927

Ion Ratio Lower Upper

112 100

64 66.7 56.3 84.5

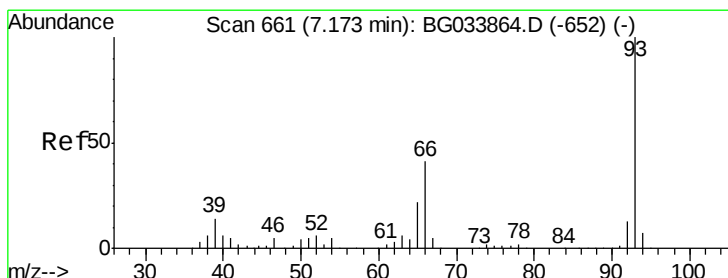
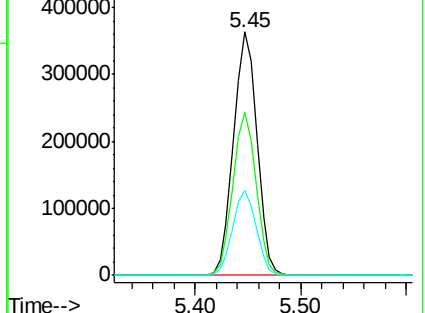
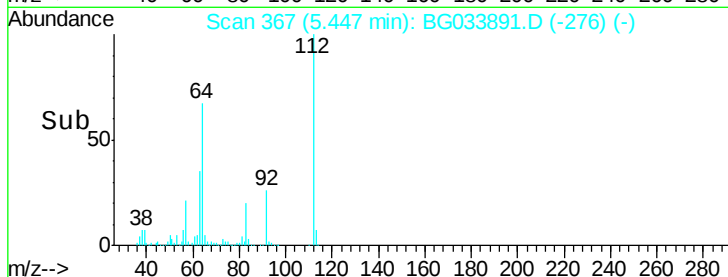
63 35.0 30.1 45.1



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: 11.871 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

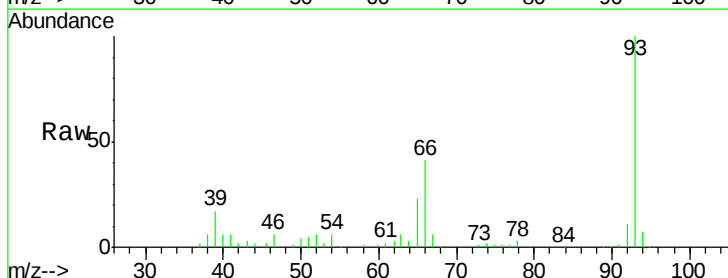
Tgt Ion: 93 Resp: 104414

Ion Ratio Lower Upper

93 100

66 41.4 33.7 50.5

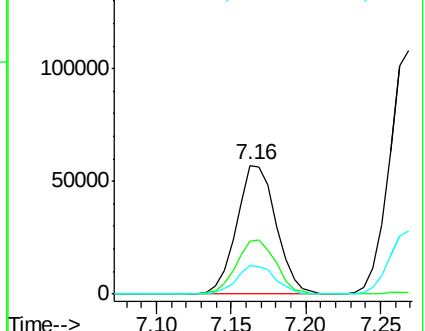
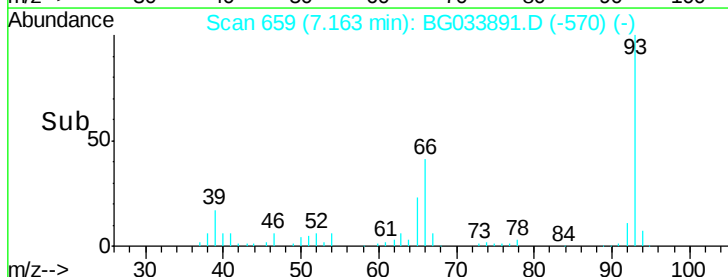
65 22.6 16.1 24.1

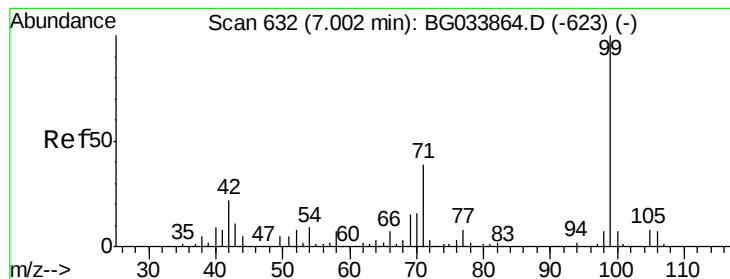


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.192 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

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ClientSampled :

PB108385BS

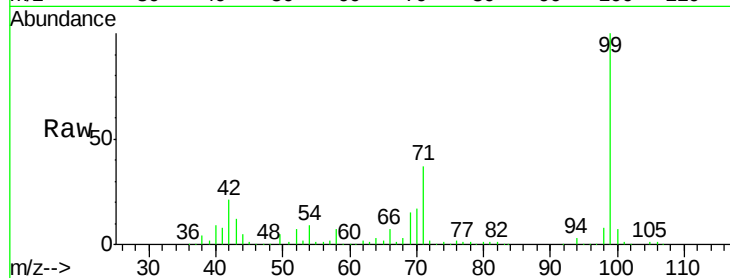
Tot Ion: 99 Resp: 738229

Ion Ratio Lower Upper

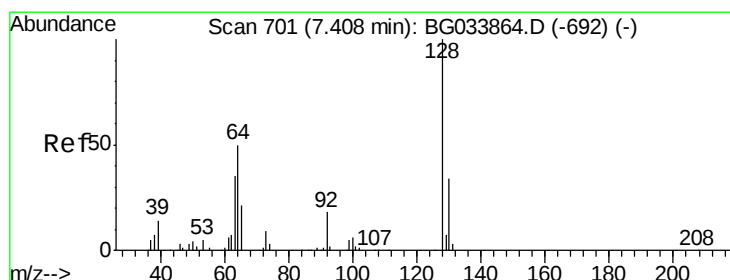
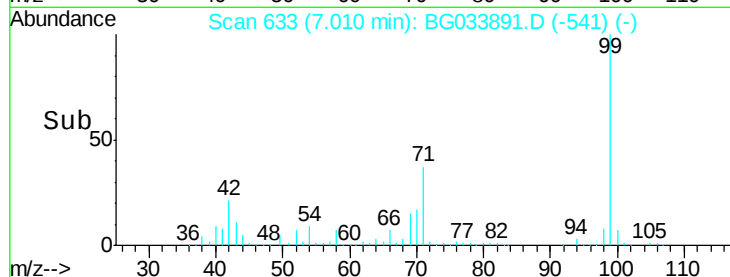
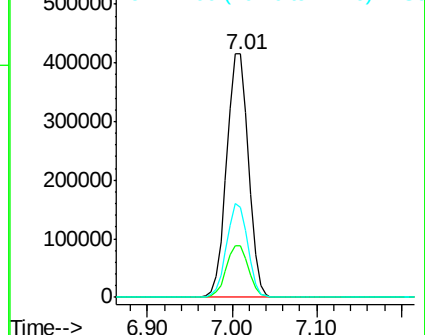
99 100

42 21.2 14.1 21.1#

71 37.0 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: 36.561 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

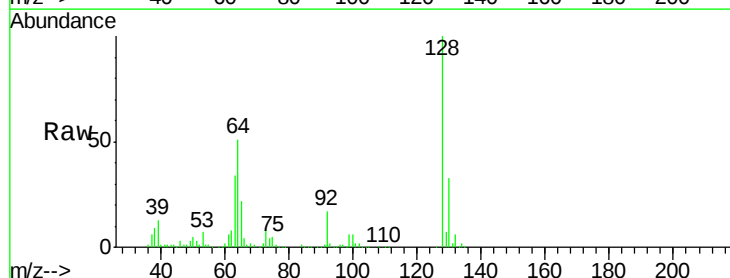
Tgt Ion:128 Resp: 184816

Ion Ratio Lower Upper

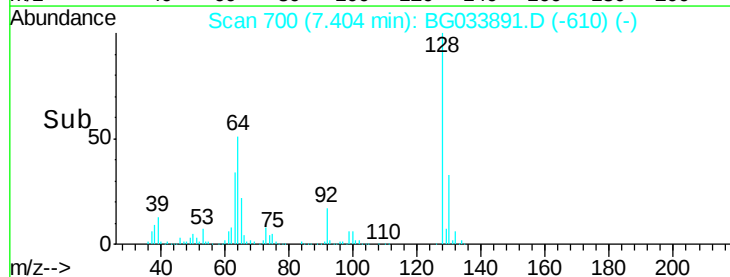
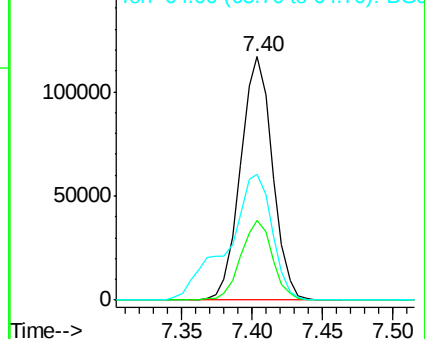
128 100

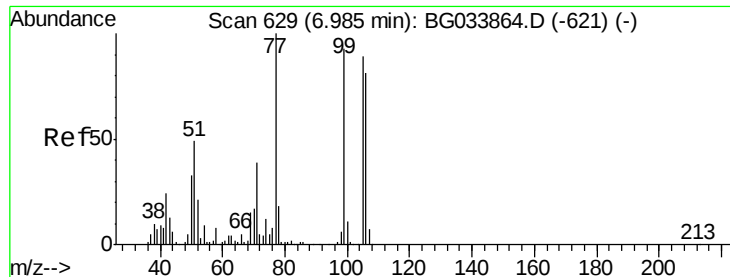
130 32.9 14.0 54.0

64 51.5 37.7 77.7



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





#9

Benzaldehyde

Concen: 30.683 ng

RT: 6.98 min Scan# 628

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

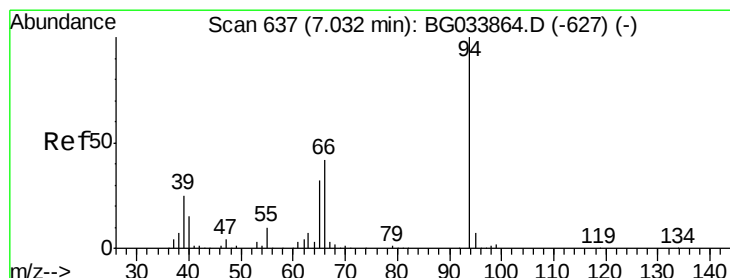
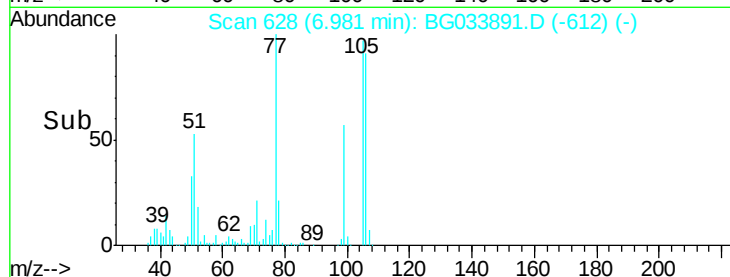
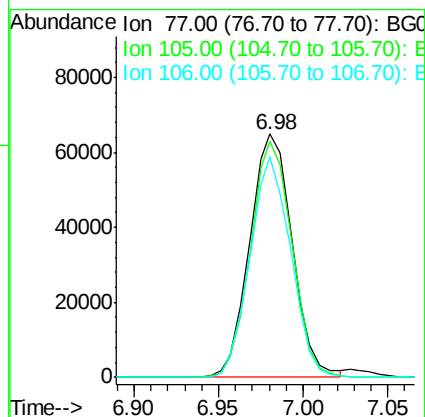
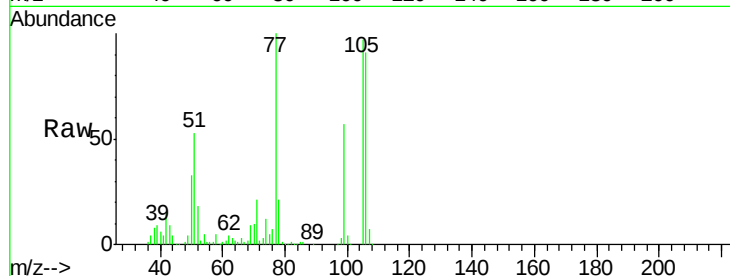
Tot Ion: 77 Resp: 113983

Ion Ratio Lower Upper

77 100

105 96.8 71.3 111.3

106 90.6 64.2 104.2



#10

Phenol

Concen: 36.352 ng

RT: 7.03 min Scan# 637

Delta R.T. 0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

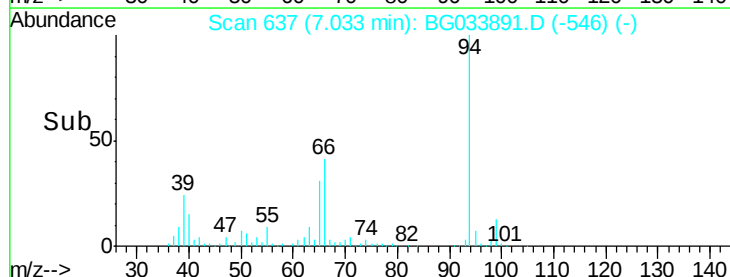
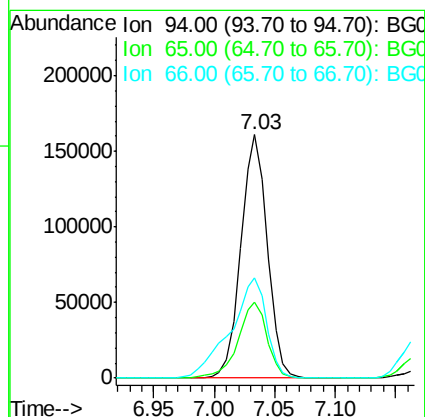
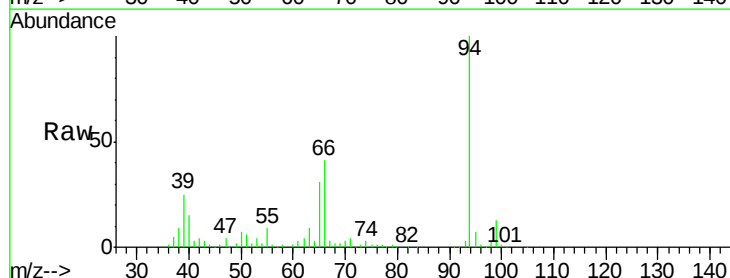
Tgt Ion: 94 Resp: 245039

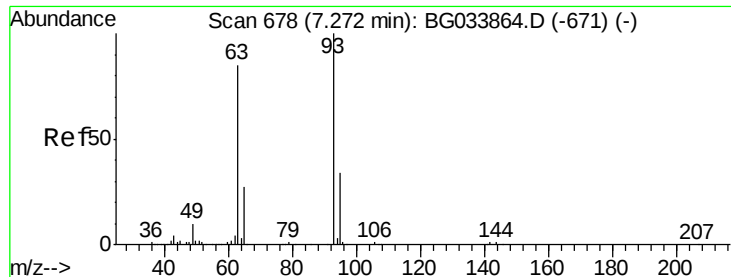
Ion Ratio Lower Upper

94 100

65 31.1 11.9 51.9

66 41.3 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 32.981 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

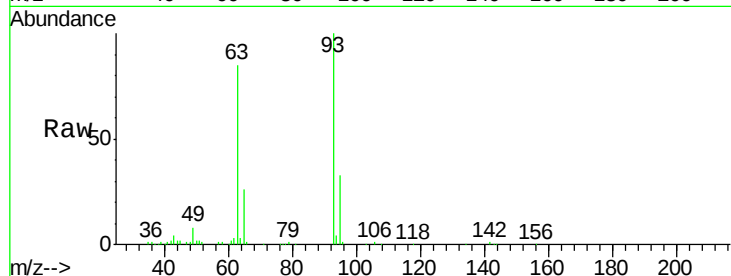
Tot Ion: 93 Resp: 170038

Ion Ratio Lower Upper

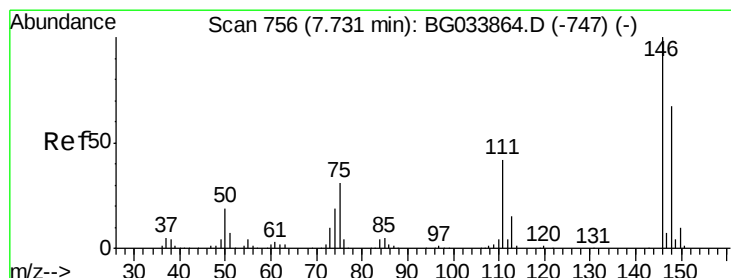
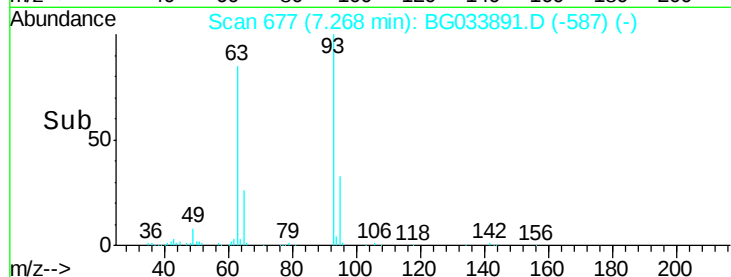
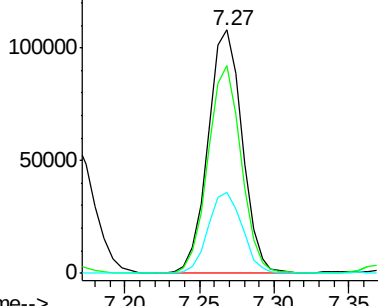
93 100

63 85.3 67.1 107.1

95 33.1 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 33.606 ng

RT: 7.73 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

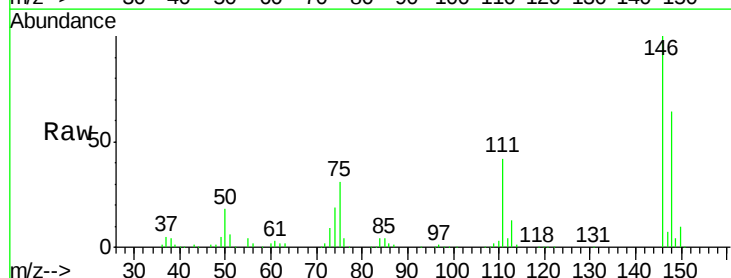
Tgt Ion: 146 Resp: 195559

Ion Ratio Lower Upper

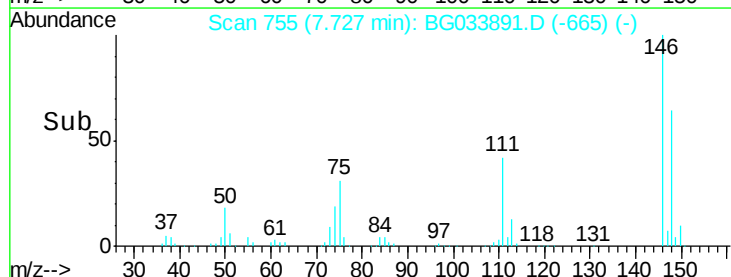
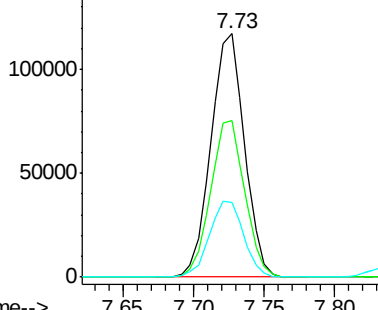
146 100

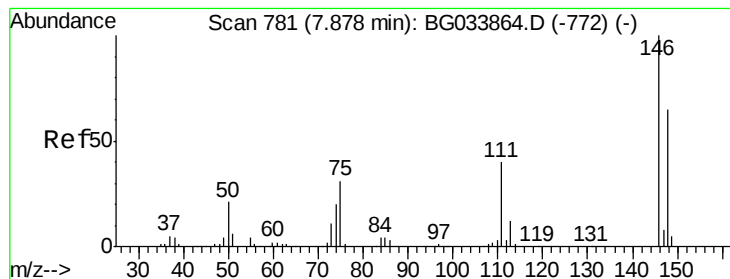
148 64.5 51.4 77.2

75 30.8 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 33.181 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

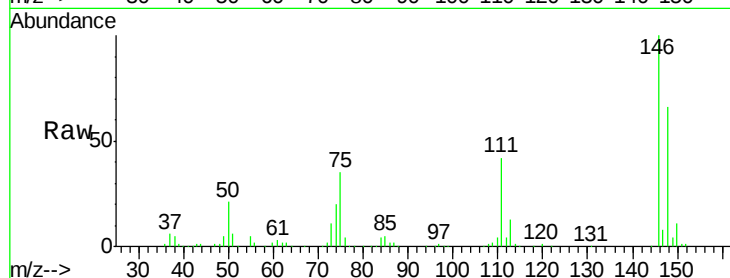
Tot Ion:146 Resp: 195565

Ion Ratio Lower Upper

146 100

148 66.2 53.7 80.5

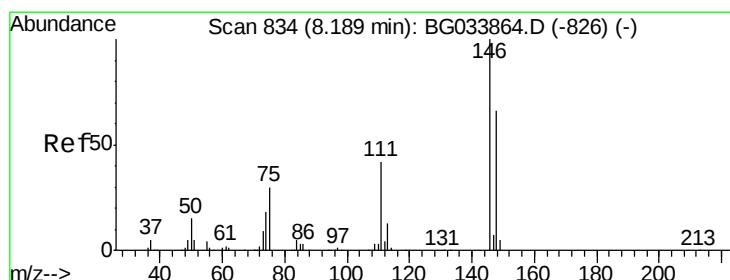
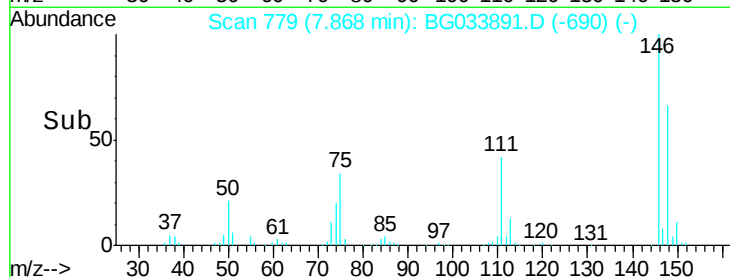
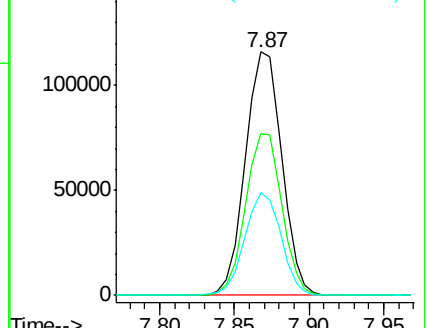
111 42.0 35.2 52.8



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: 32.309 ng

RT: 8.19 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

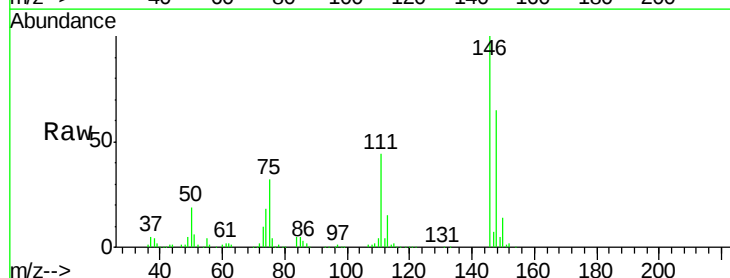
Tgt Ion:146 Resp: 185185

Ion Ratio Lower Upper

146 100

148 65.3 49.3 73.9

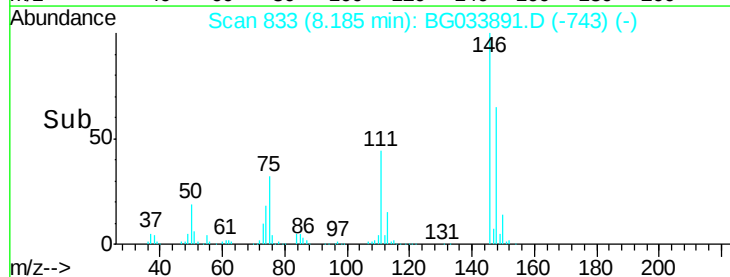
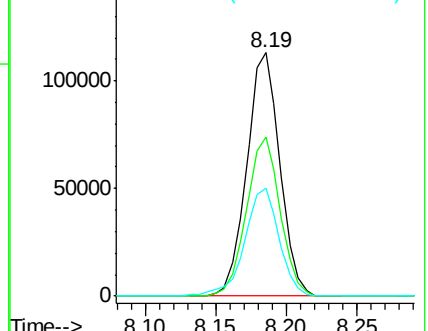
111 44.4 34.3 51.5

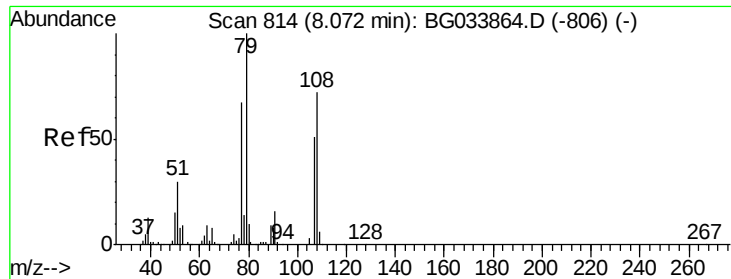


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.169 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleID :

PB108385BS

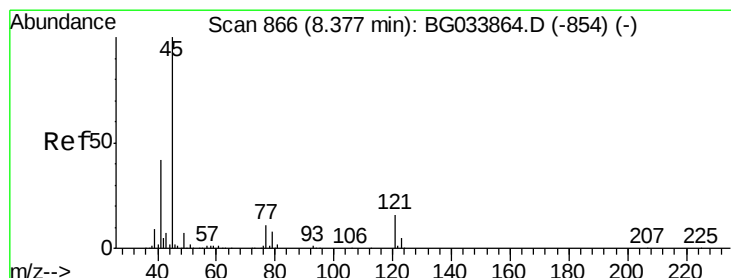
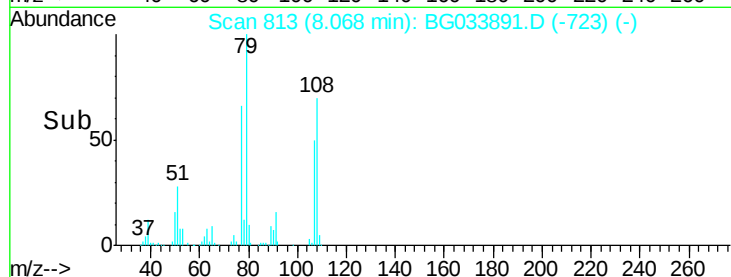
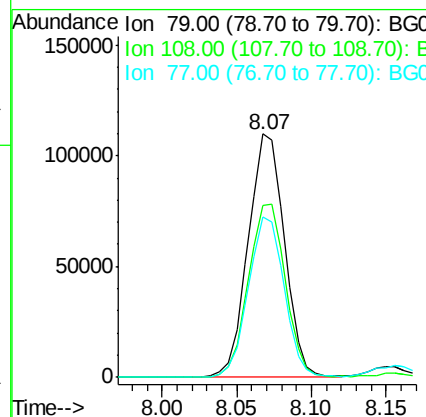
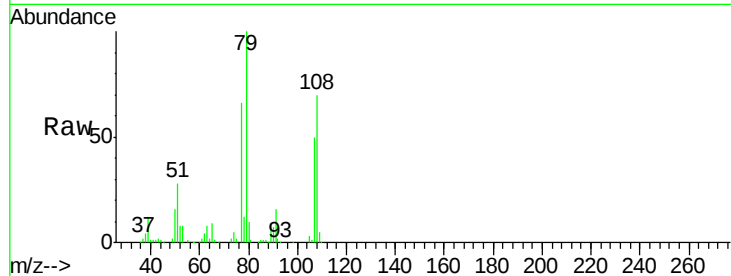
Tot Ion: 79 Resp: 184576

Ion Ratio Lower Upper

79 100

108 70.4 57.2 85.8

77 66.1 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.399 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

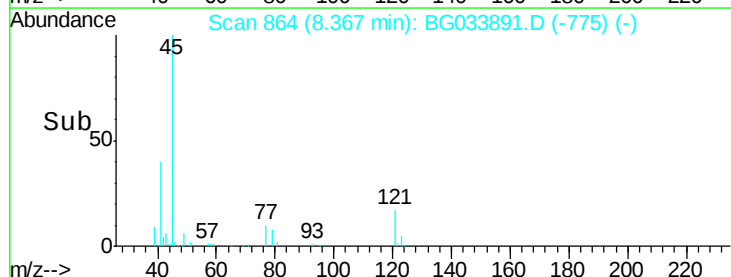
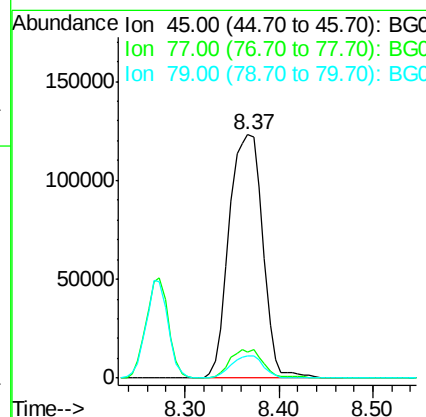
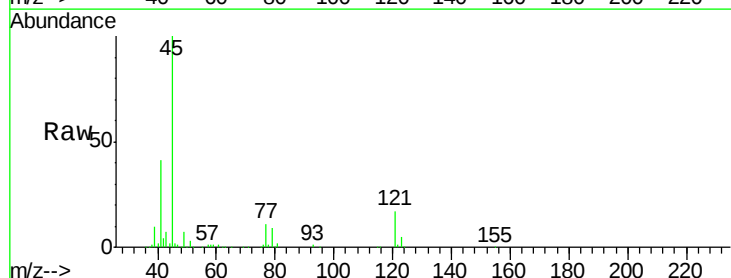
Tgt Ion: 45 Resp: 305674

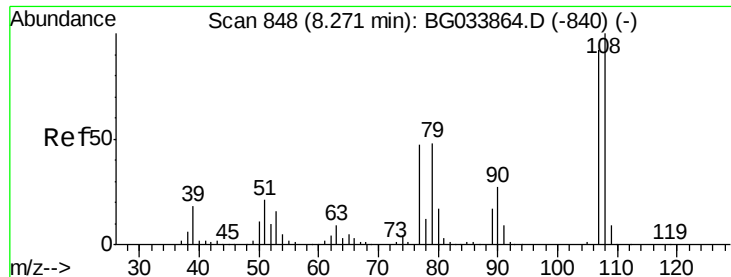
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.2

79 8.9 0.0 27.9

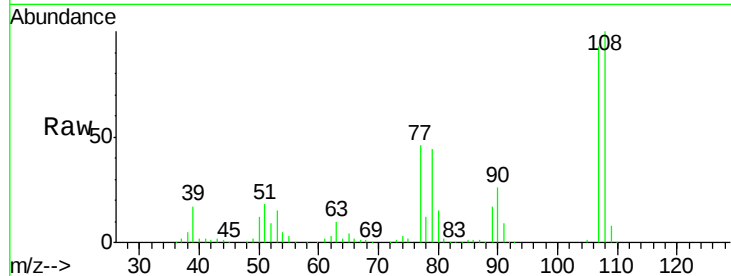




#17
2-Methylphenol
Concen: 32.947 ng
RT: 8.27 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB108385BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.6	83.9	125.9
77	49.5	37.2	55.8
79	47.3	36.2	54.2



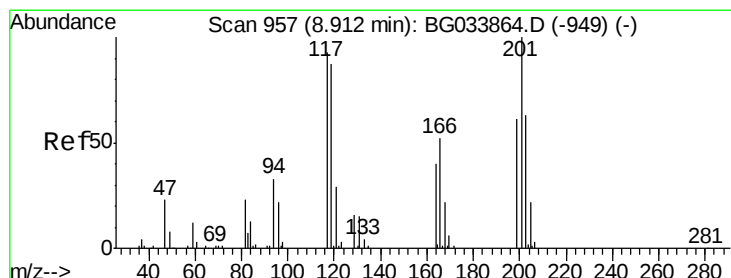
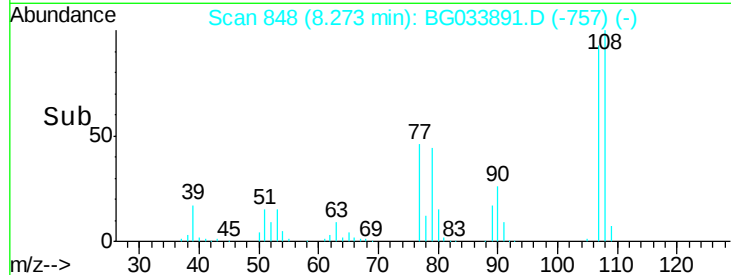
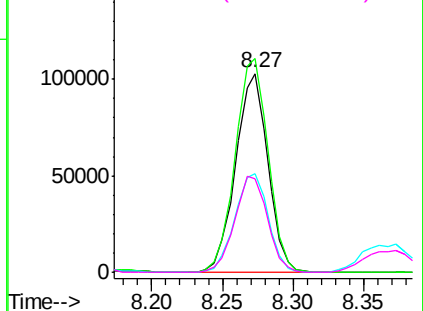
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

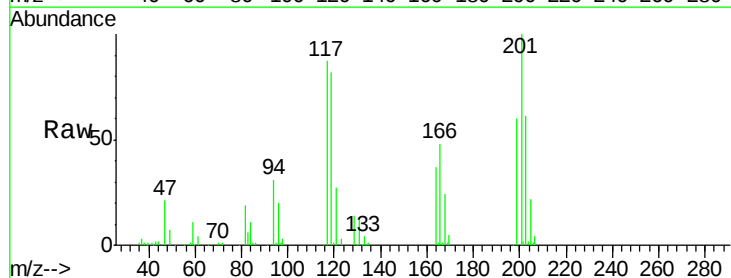
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 33.479 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1
201	118.0	95.7	143.5

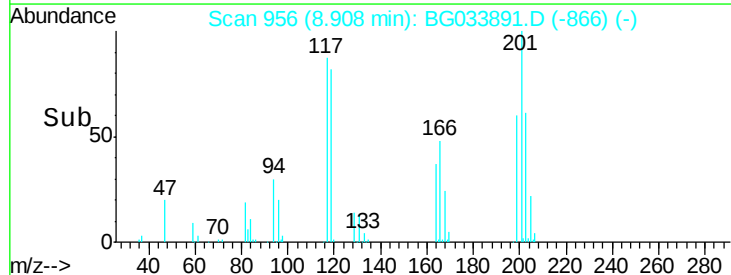
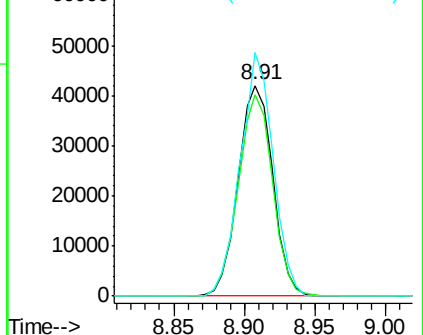


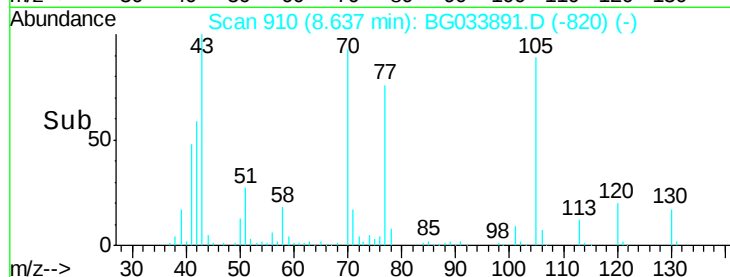
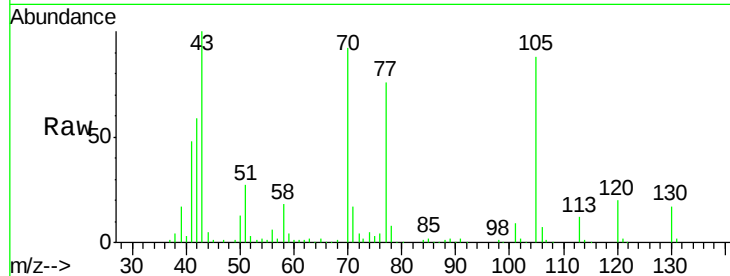
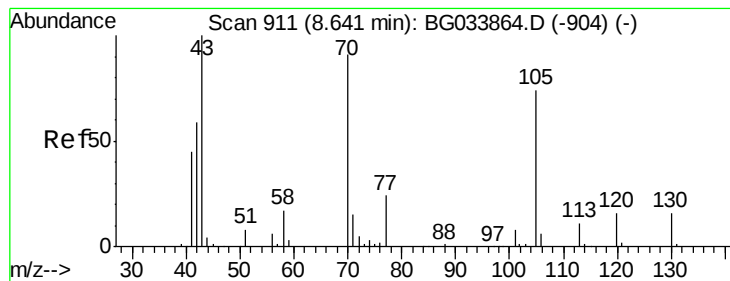
Abundance

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: 27.915 ng

RT: 8.64 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

Tot Ion: 70 Resp: 156573

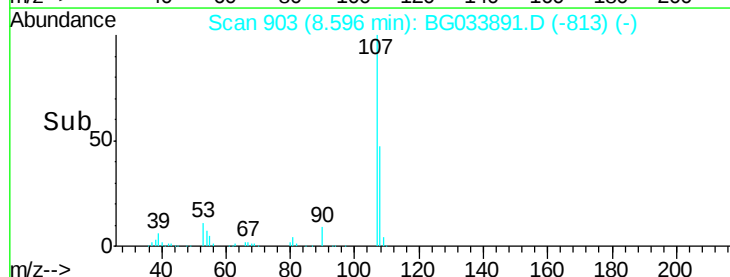
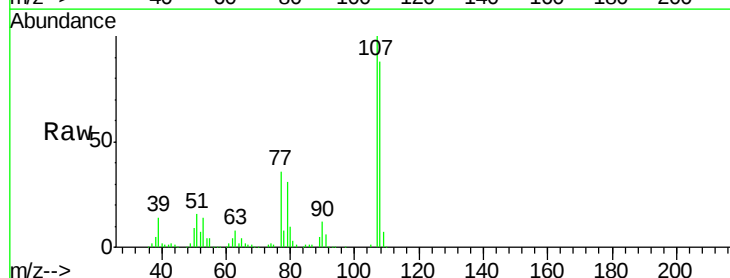
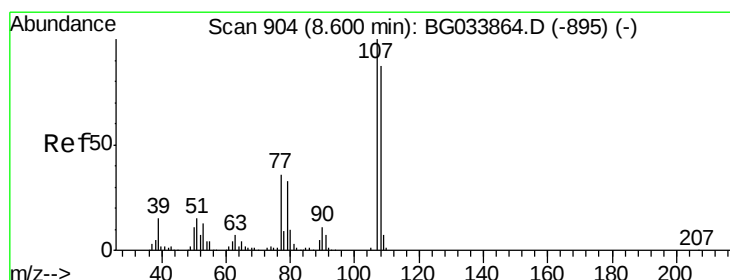
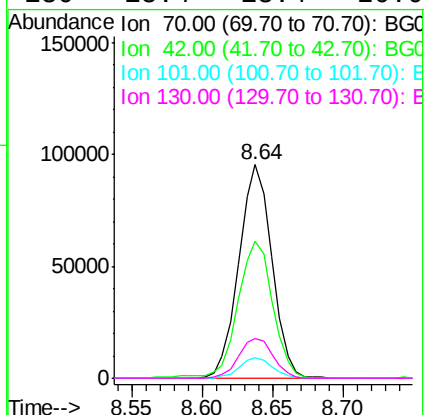
Ion Ratio Lower Upper

70 100

42 64.2 49.1 73.7

101 9.5 8.5 12.7

130 18.4 13.4 20.0



#20

3+4-Methylphenols

Concen: 31.836 ng

RT: 8.60 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Tgt Ion:107 Resp: 231076

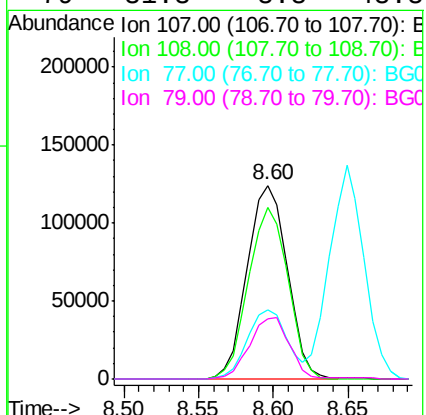
Ion Ratio Lower Upper

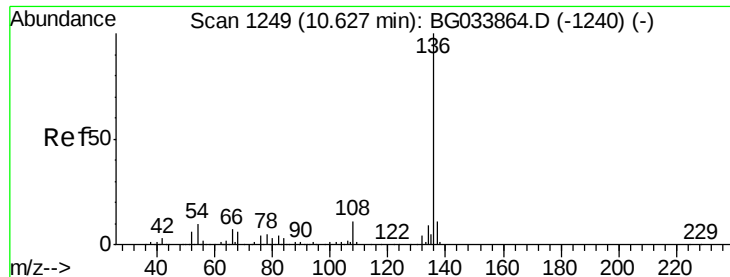
107 100

108 88.3 61.6 101.6

77 35.9 13.9 53.9

79 31.3 8.8 48.8

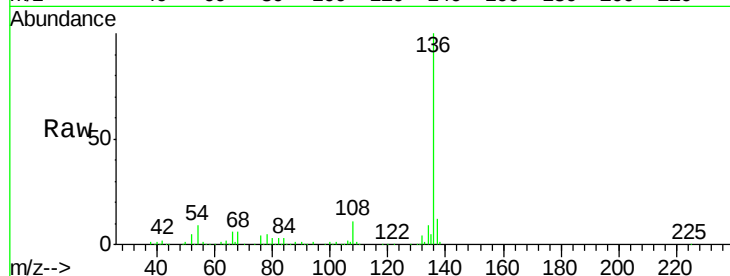




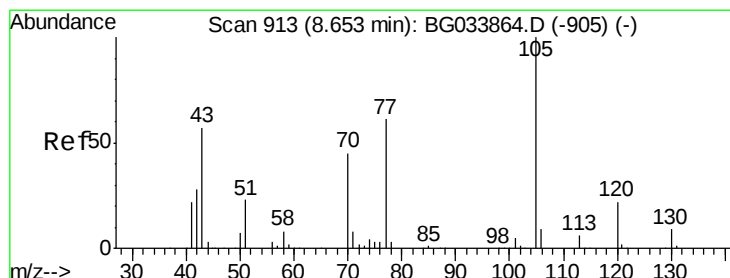
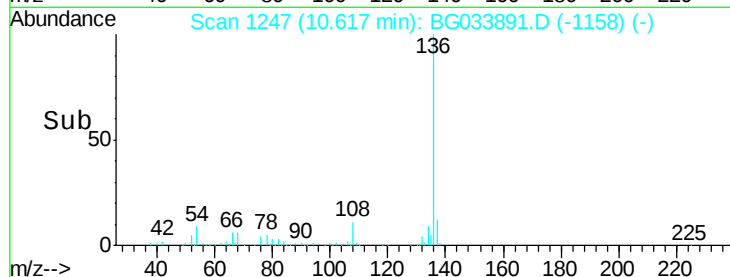
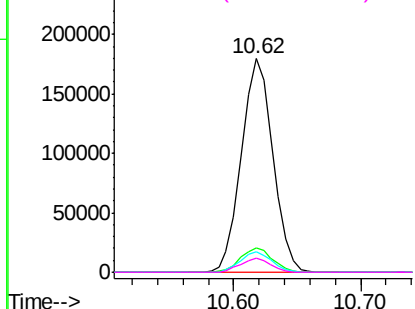
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB108385BS

Tot Ion:136	Resp:	309780
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.2 13.8
54	9.4	10.3 15.5#
68	6.4	4.5 6.7

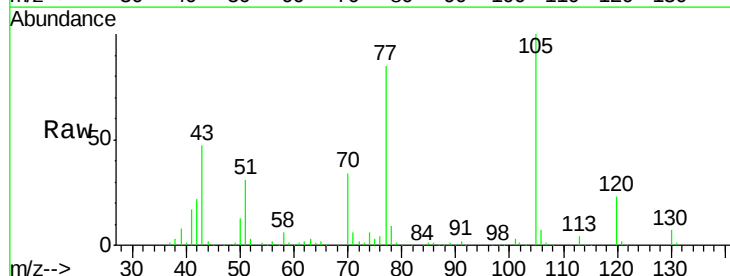


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

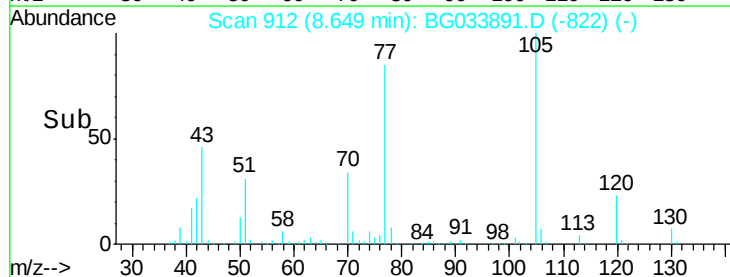
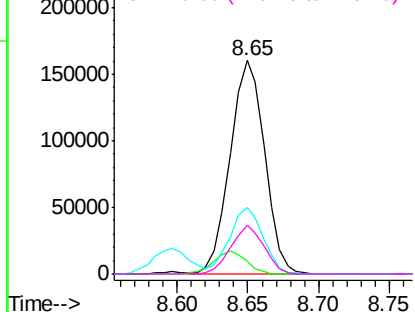


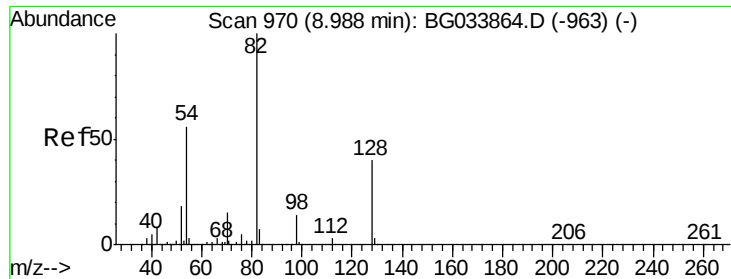
#22
Acetophenone
Concen: 32.555 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:105	Resp:	274480
Ion	Ratio	Lower Upper
105	100	
71	5.7	3.0 4.4#
51	31.4	26.1 39.1
120	22.8	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: 79.651 ng

RT: 8.98 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

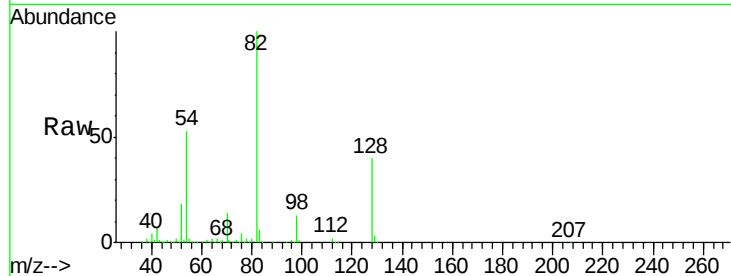
Tot Ion: 82 Resp: 433568

Ion Ratio Lower Upper

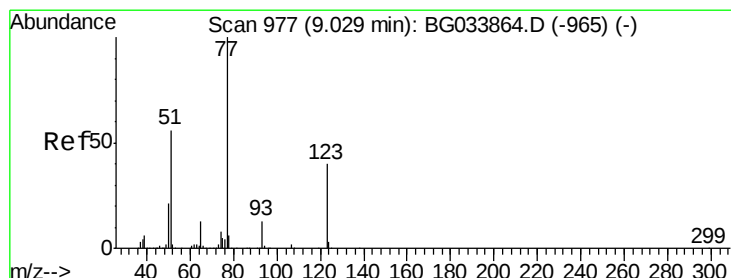
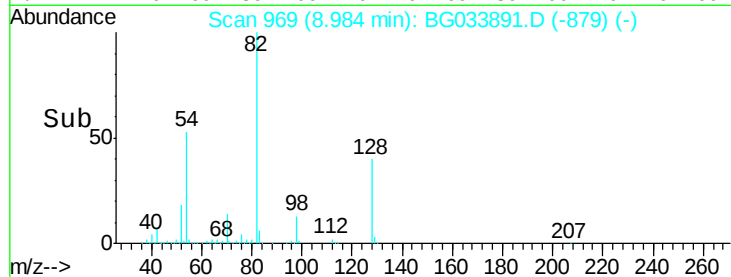
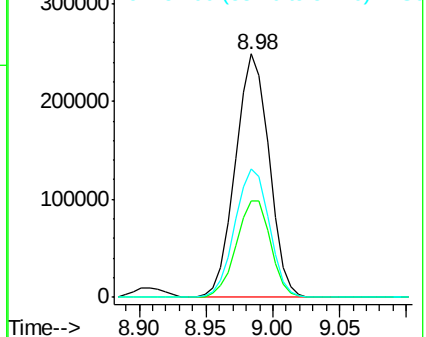
82 100

128 39.8 29.7 44.5

54 52.6 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: 36.184 ng

RT: 9.03 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

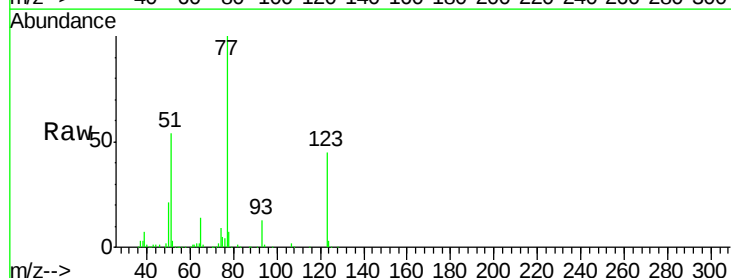
Tgt Ion: 77 Resp: 214630

Ion Ratio Lower Upper

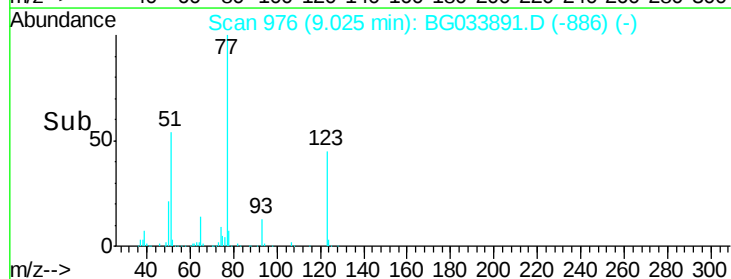
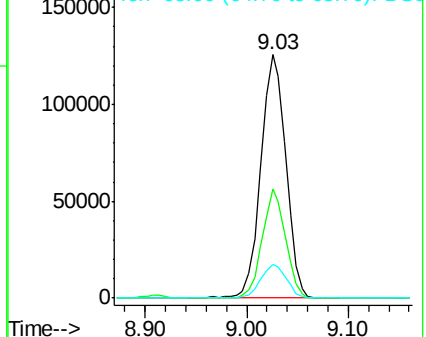
77 100

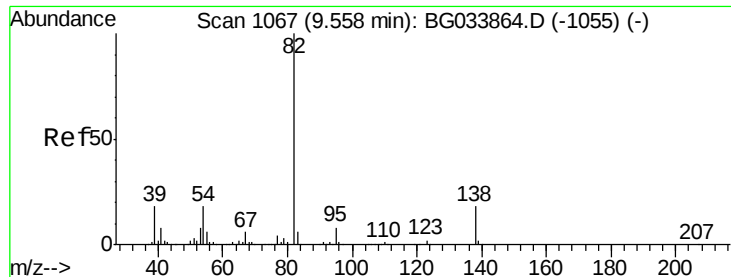
123 44.6 33.0 49.6

65 13.8 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: 33.595 ng

RT: 9.55 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

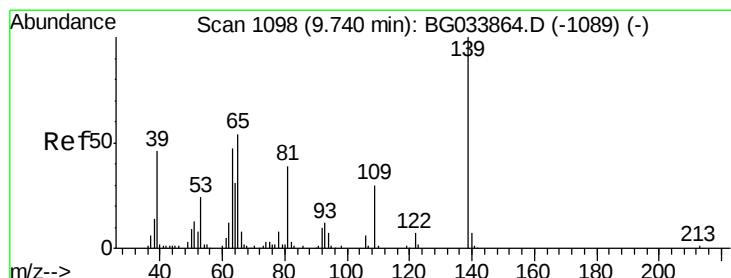
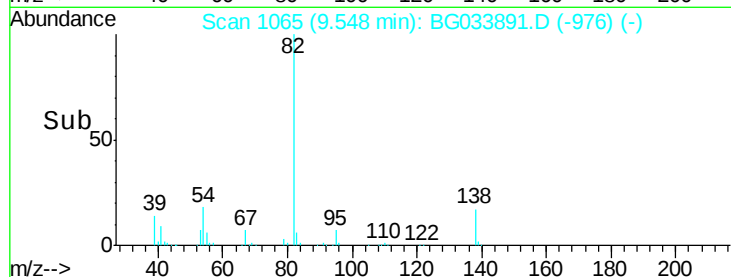
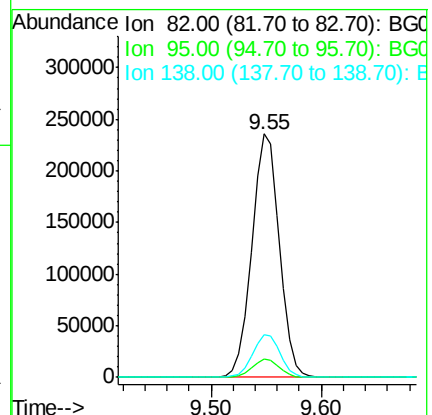
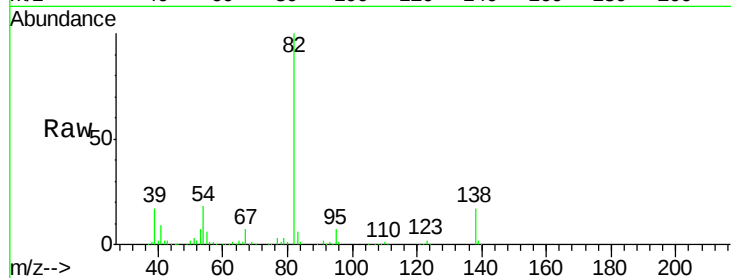
Tot Ion: 82 Resp: 411147

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 17.3 12.1 18.1



#26

2-Nitrophenol

Concen: 39.456 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

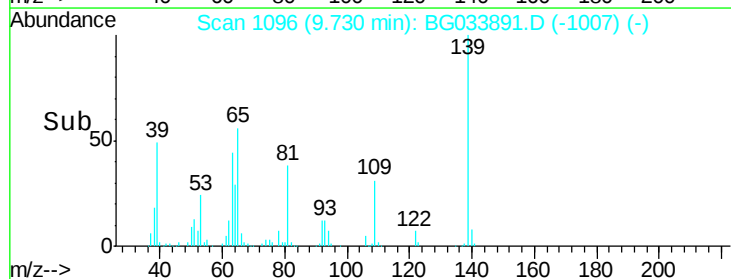
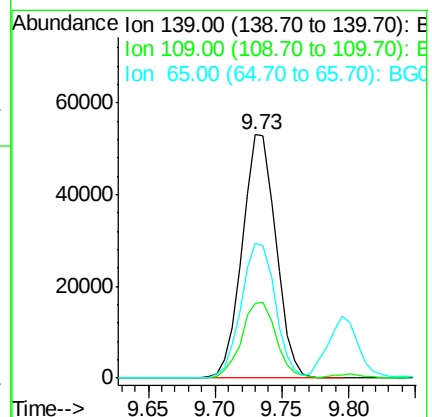
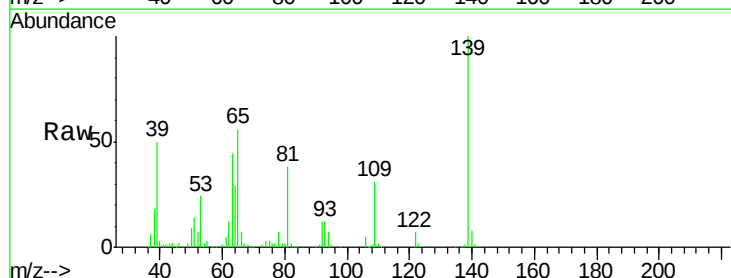
Tgt Ion: 139 Resp: 92475

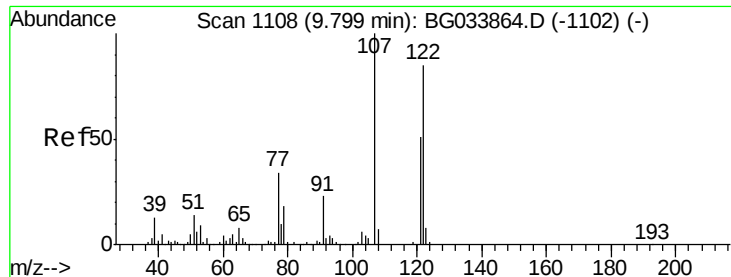
Ion Ratio Lower Upper

139 100

109 30.6 24.2 36.2

65 55.5 47.4 71.0

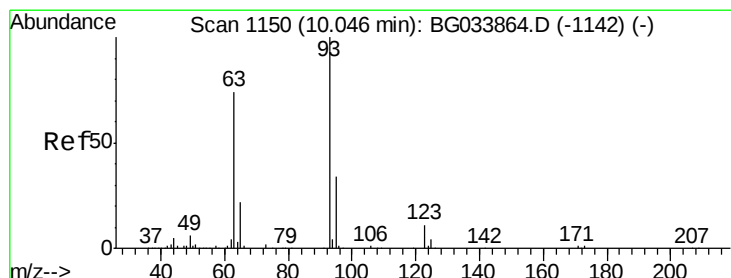
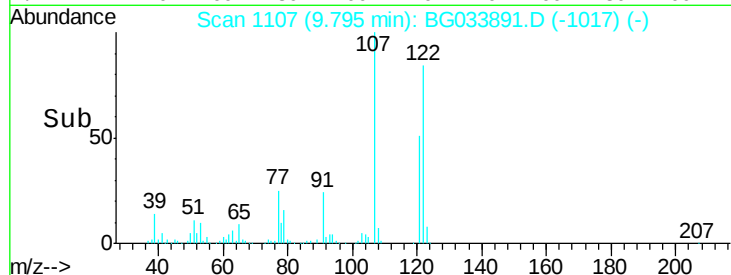
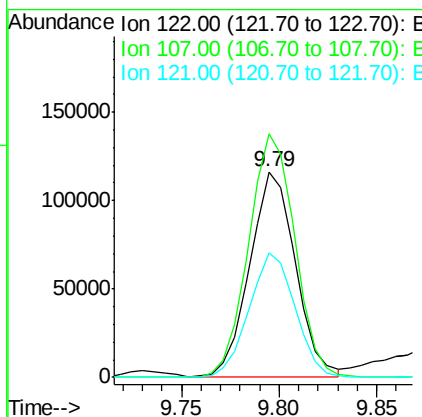
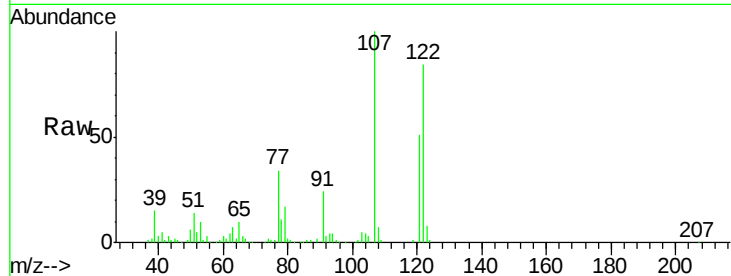




#27
 2,4-Dimethylphenol
 Concen: 42.764 ng
 RT: 9.79 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

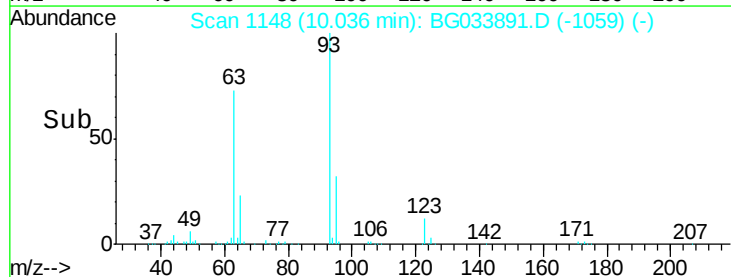
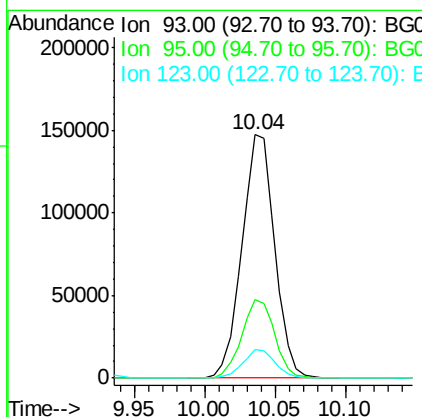
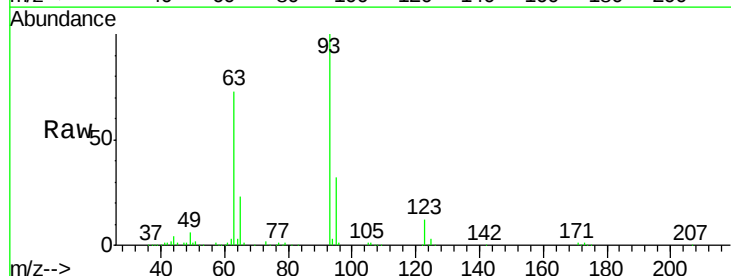
Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

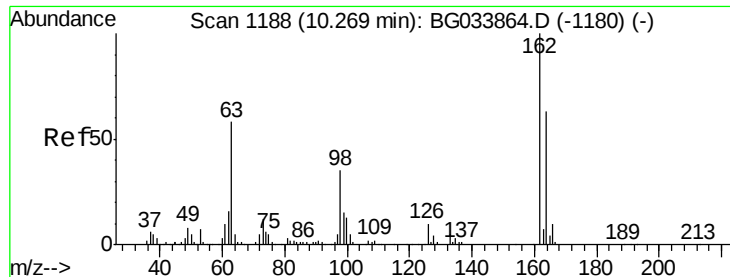
Tot Ion:122 Resp: 187472
 Ion Ratio Lower Upper
 122 100
 107 118.6 100.2 150.2
 121 60.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.013 ng
 RT: 10.04 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

Tgt Ion: 93 Resp: 239395
 Ion Ratio Lower Upper
 93 100
 95 32.0 24.3 36.5
 123 12.0 8.4 12.6

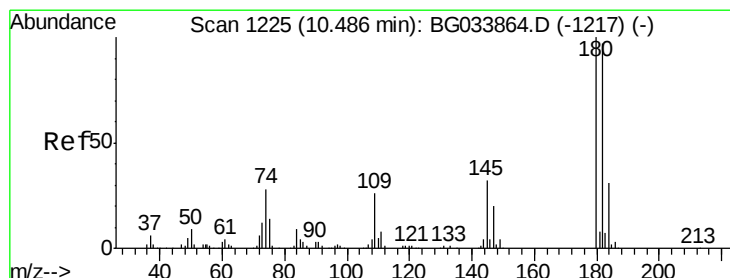
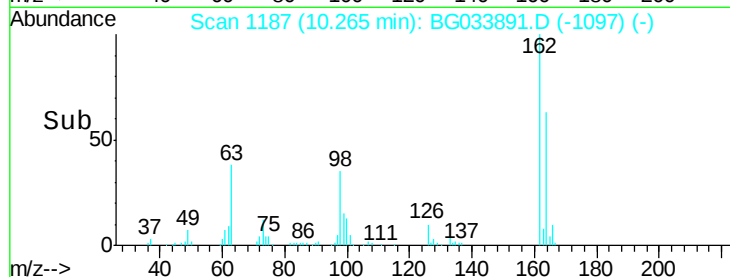
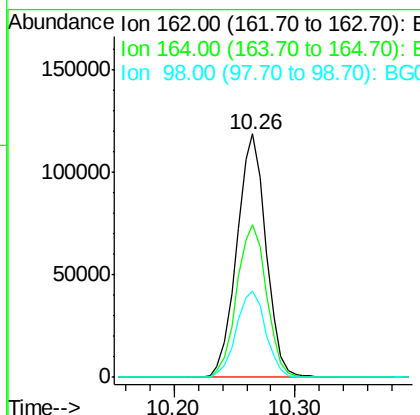
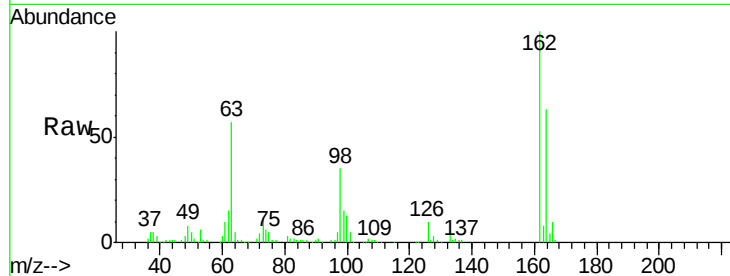




#29
 2,4-Dichlorophenol
 Concen: 40.822 ng
 RT: 10.26 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

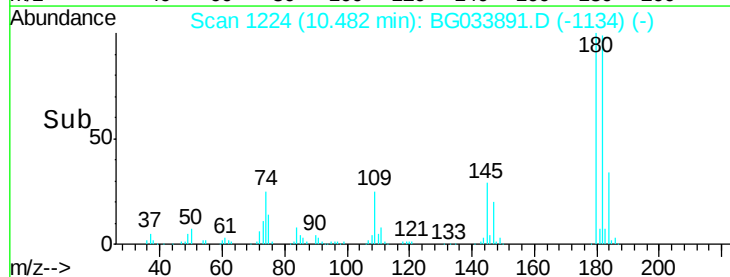
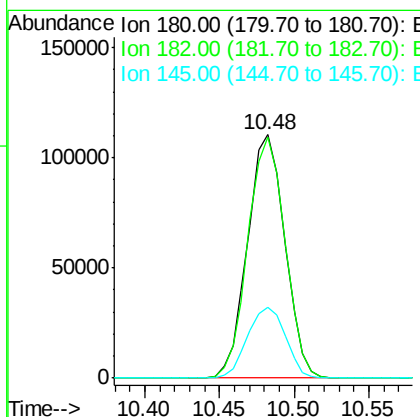
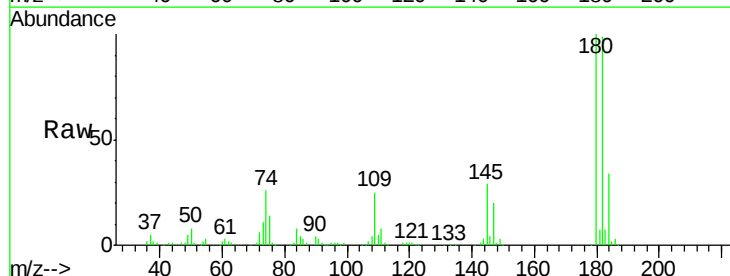
Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

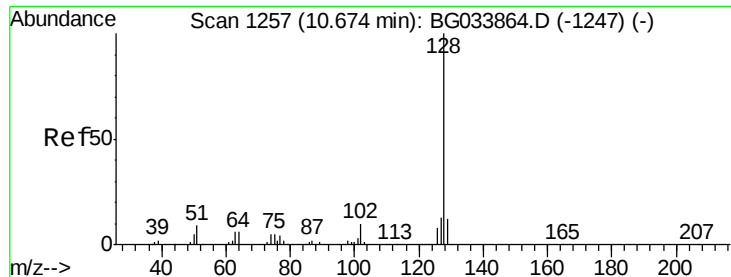
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	48.0	88.0
98	35.3	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.829 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	77.5	116.3
145	29.1	23.4	35.2

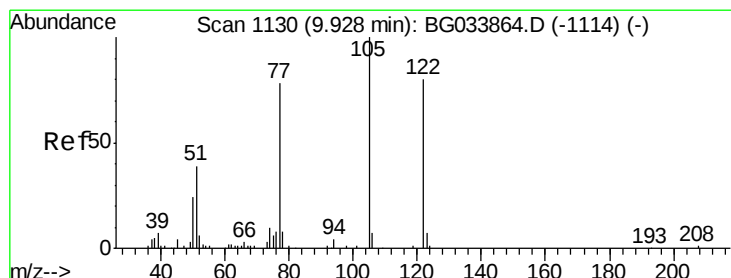
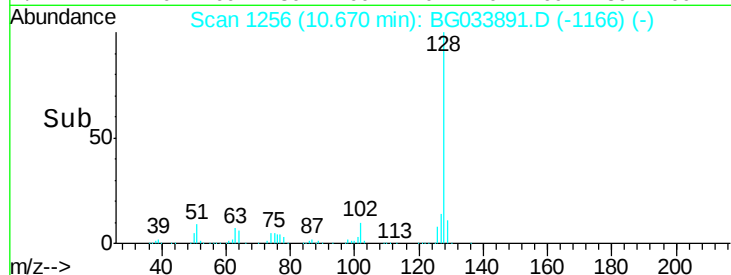
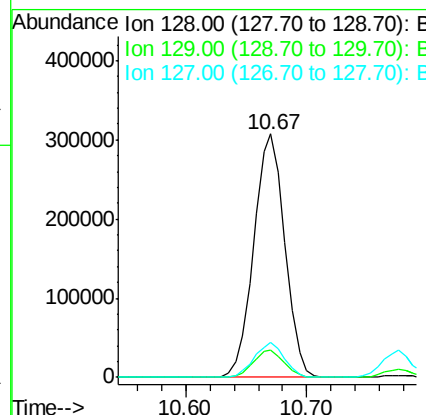
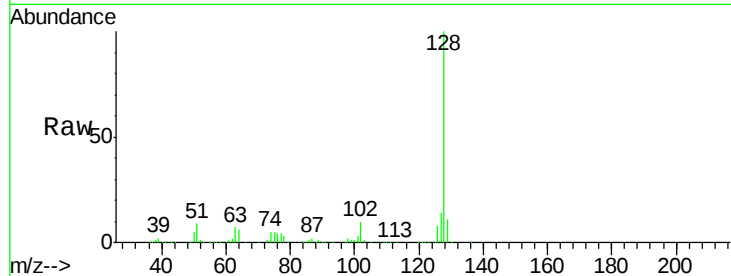




#31
Naphthalene
Concen: 34.417 ng
RT: 10.67 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

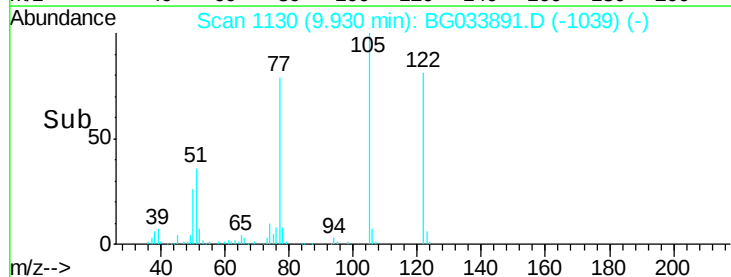
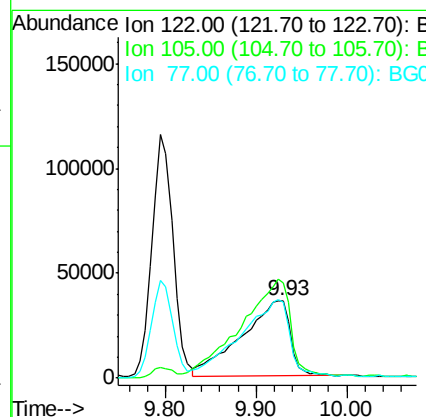
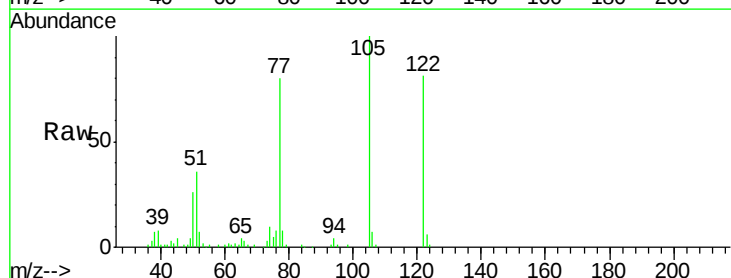
Instrument :
BNA_G
ClientSampleId :
PB108385BS

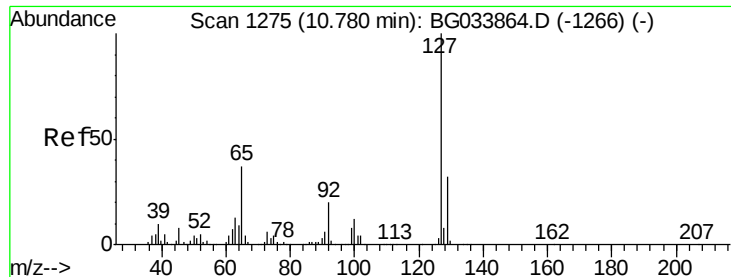
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 33.099 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	123.5	163.5#
77	98.3	85.7	125.7

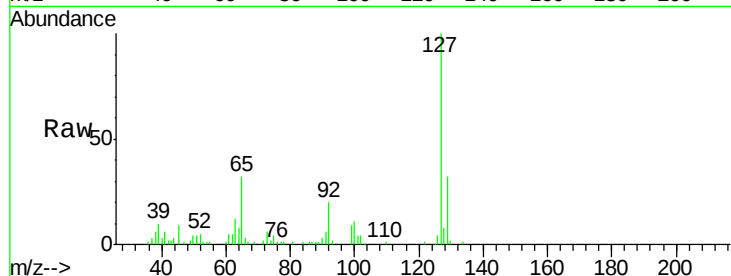




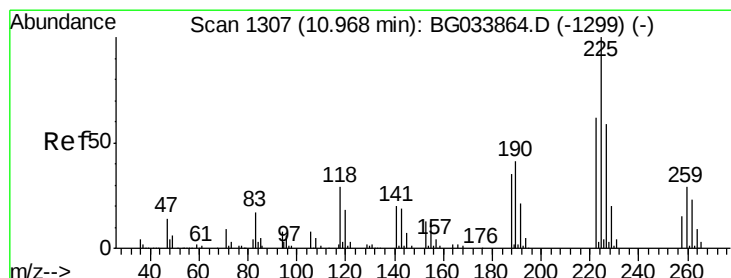
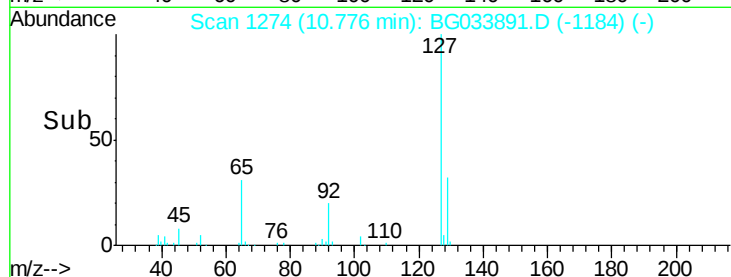
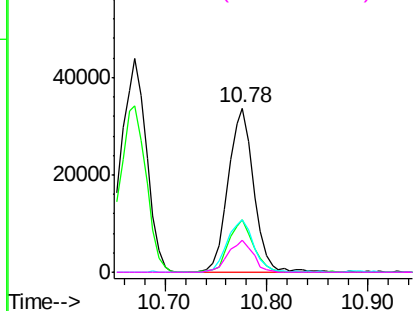
#33
4-Chloroaniline
Concen: 7.878 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB108385BS

Tot Ion:127	Resp:	58985
Ion Ratio	Lower	Upper
127	100	
129	31.9	24.0 36.0
65	31.8	27.0 40.4
92	19.6	16.6 25.0

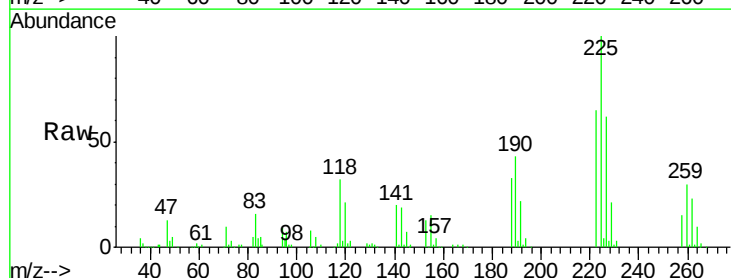


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

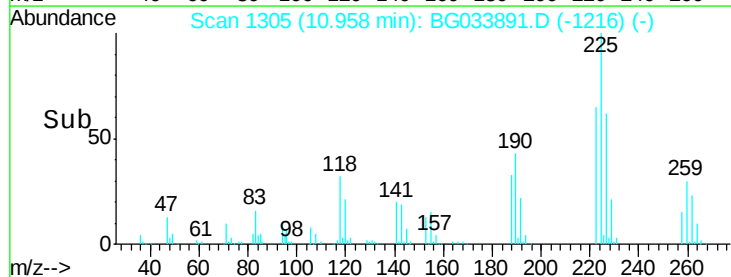
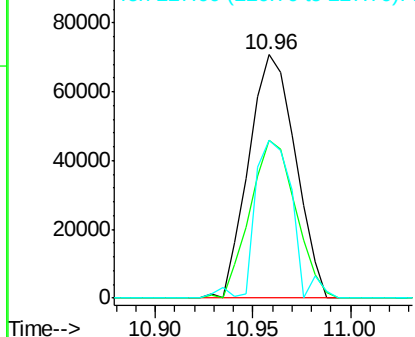


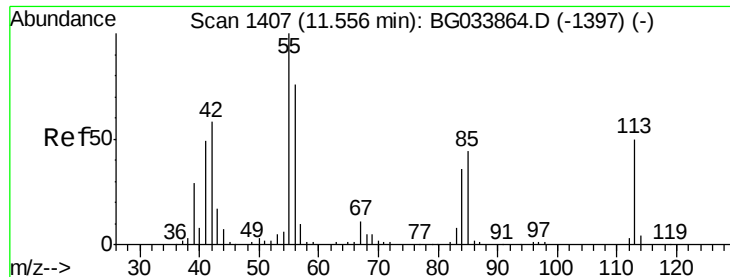
#34
Hexachlorobutadiene
Concen: 35.723 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:225	Resp:	116971
Ion Ratio	Lower	Upper
225	100	
223	62.4	49.7 74.5
227	62.4	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: 14.011 ng

RT: 11.59 min Scan# 1413

Delta R.T. 0.04 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

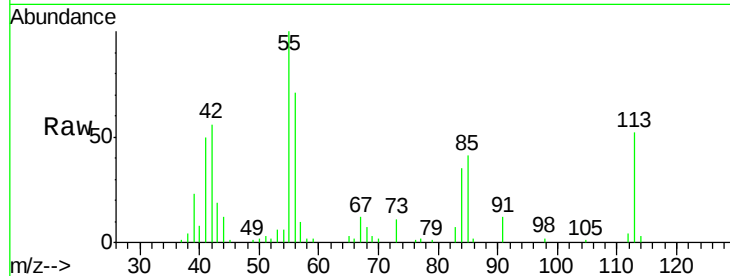
Tot Ion:113 Resp: 29112

Ion Ratio Lower Upper

113 100

55 194.1 186.9 226.9

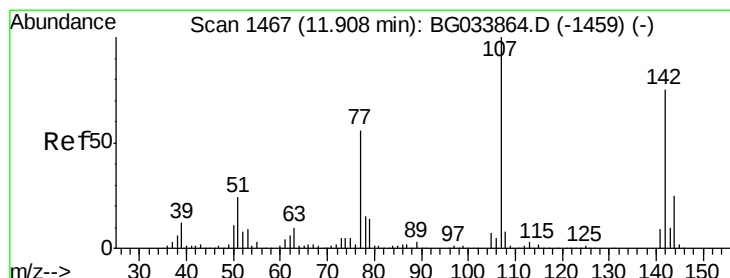
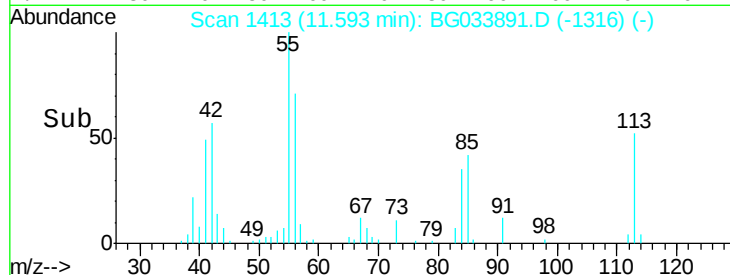
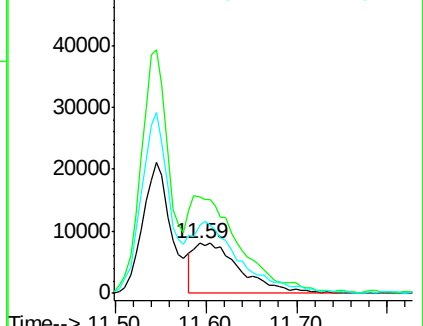
56 137.6 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.007 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

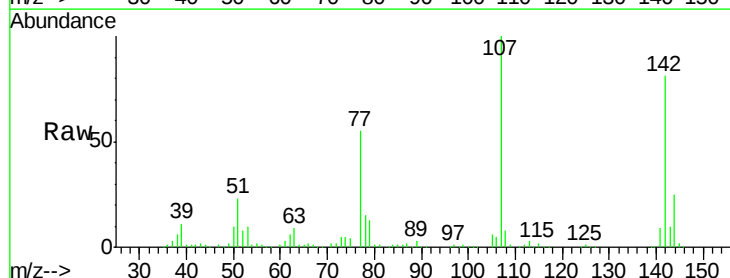
Tgt Ion:107 Resp: 220731

Ion Ratio Lower Upper

107 100

144 25.4 18.2 27.4

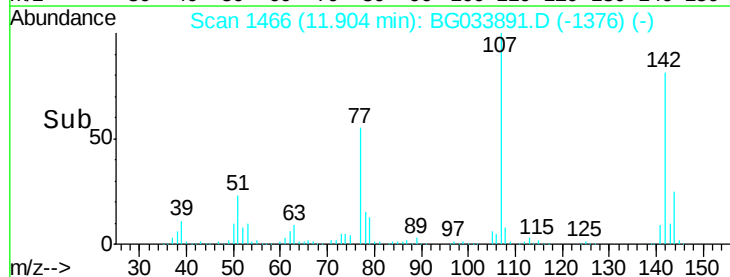
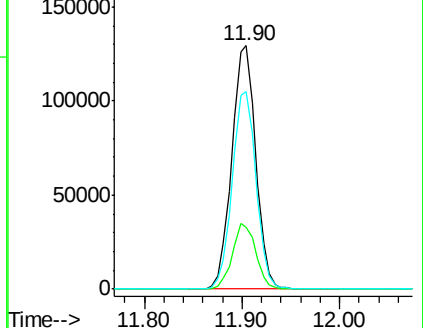
142 80.9 59.0 88.4

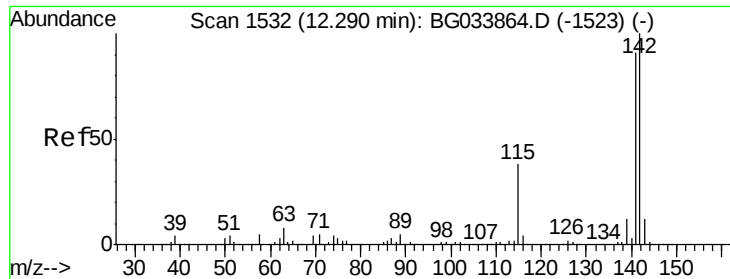


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.240 ng

RT: 12.28 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

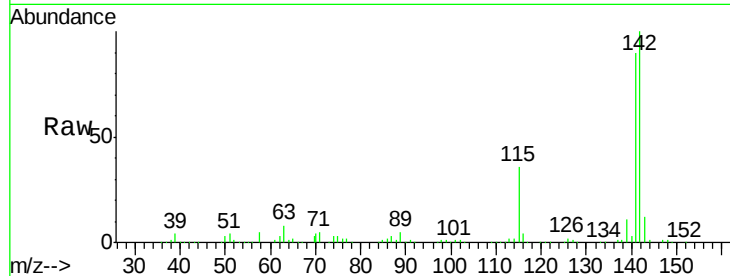
Tot Ion:142 Resp: 417603

Ion Ratio Lower Upper

142 100

141 89.5 67.1 100.7

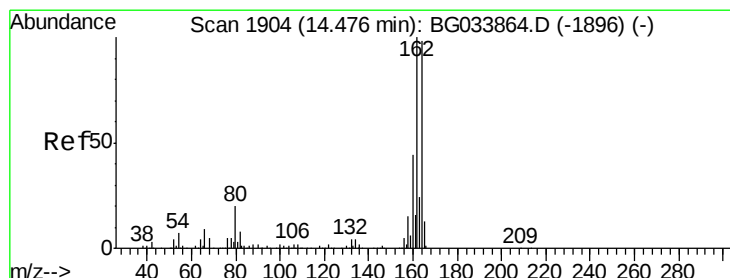
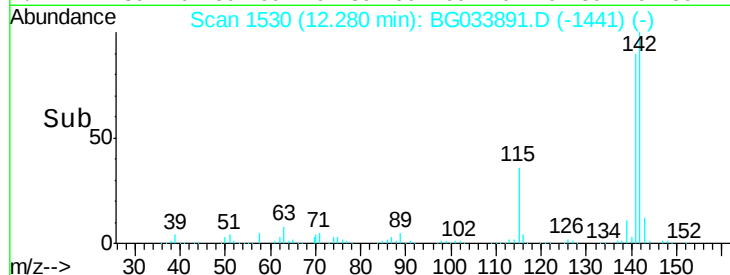
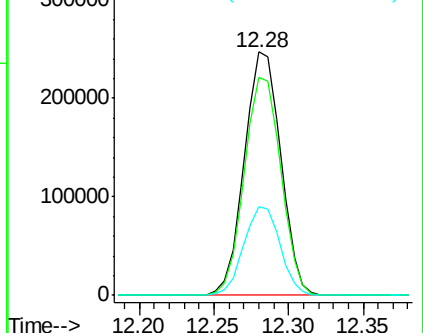
115 36.2 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

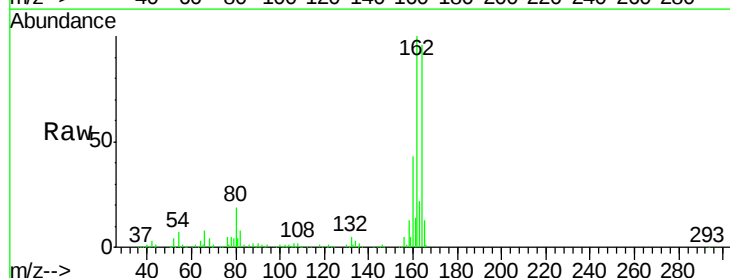
Tgt Ion:164 Resp: 205751

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

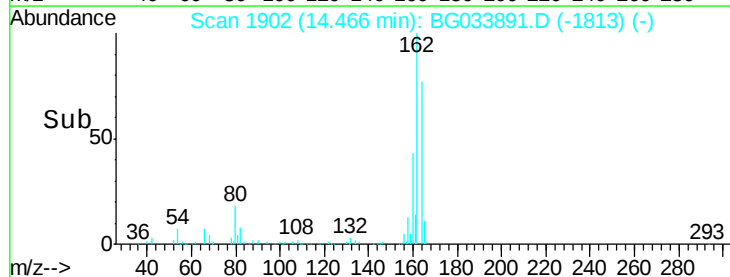
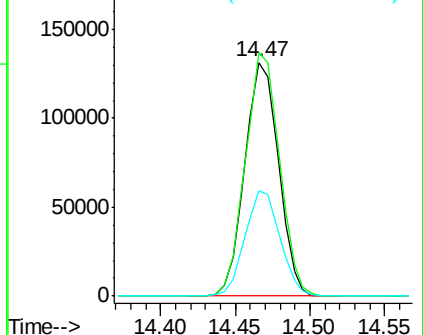
160 45.0 35.4 53.0

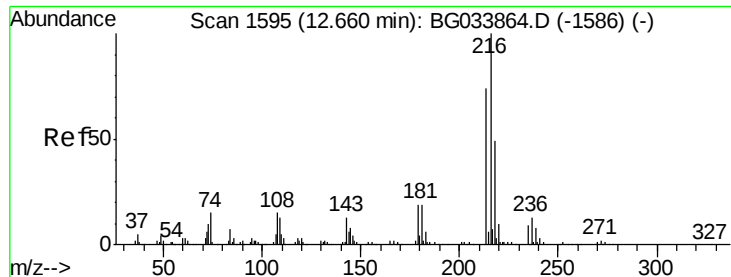


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.888 ng

RT: 12.65 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

Tot Ion:216 Resp: 238358

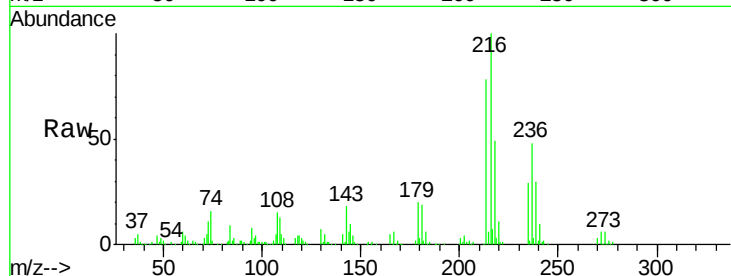
Ion Ratio Lower Upper

216 100

214 76.7 63.0 94.4

179 19.4 17.0 25.6

108 17.7 12.8 19.2

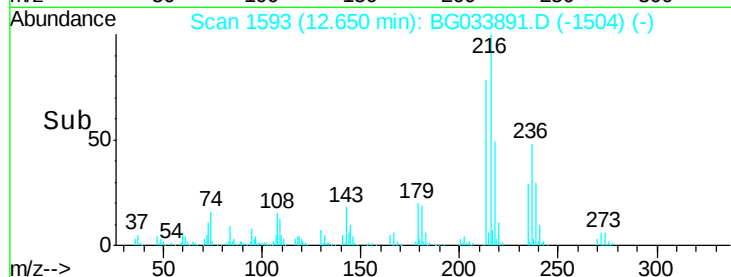


Abundance Ion 216.00 (215.70 to 216.70): E

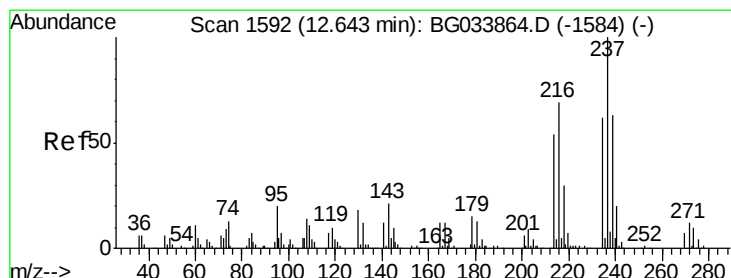
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.480 ng

RT: 12.63 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

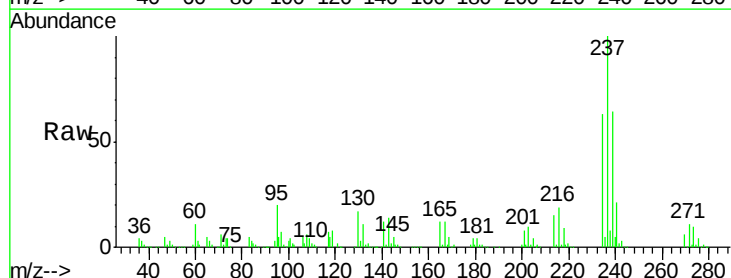
Tgt Ion:237 Resp: 298576

Ion Ratio Lower Upper

237 100

235 62.7 50.4 90.4

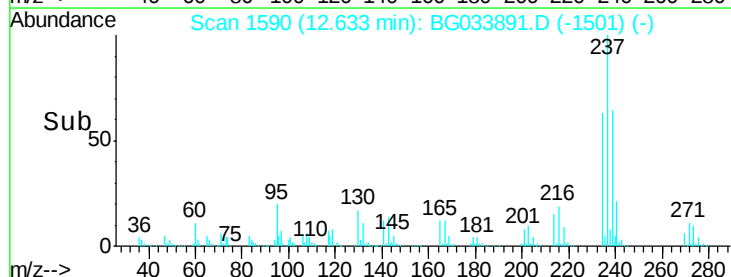
272 11.2 0.0 31.8



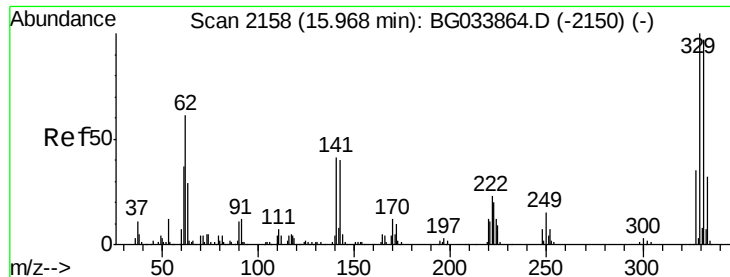
Abundance Ion 236.80 (236.50 to 237.50): E

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: 121.589 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

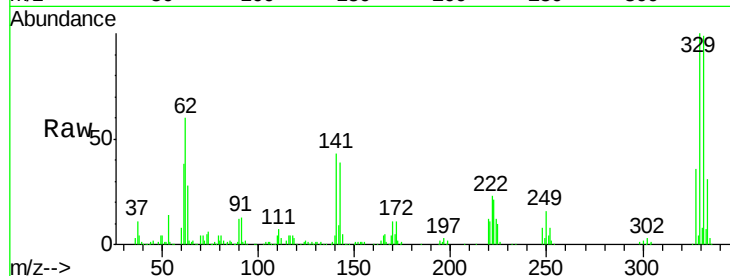
Tot Ion:330 Resp: 291863

Ion Ratio Lower Upper

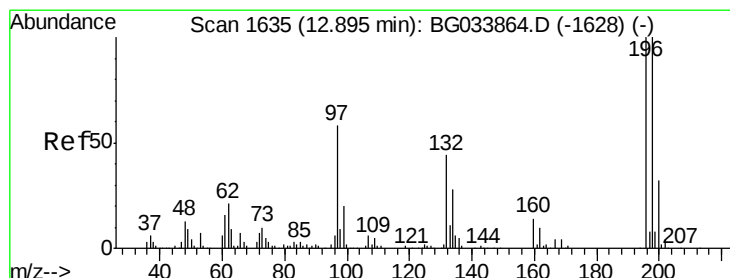
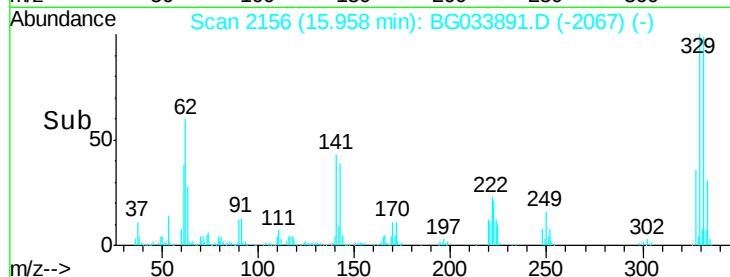
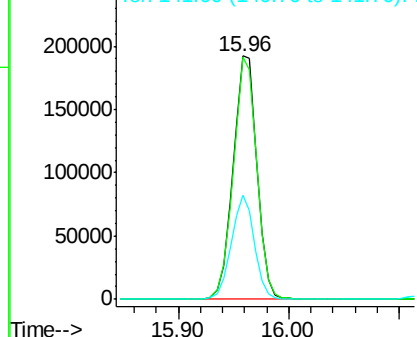
330 100

332 97.3 77.0 115.6

141 40.9 25.2 37.8#



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



#42

2,4,6-Trichlorophenol

Concen: 40.097 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

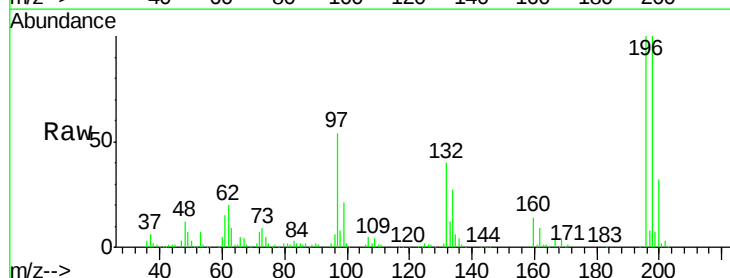
Tgt Ion:196 Resp: 167028

Ion Ratio Lower Upper

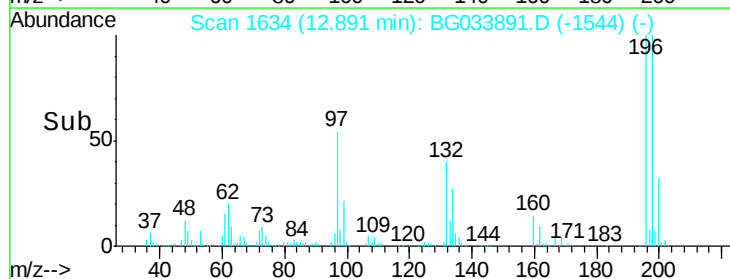
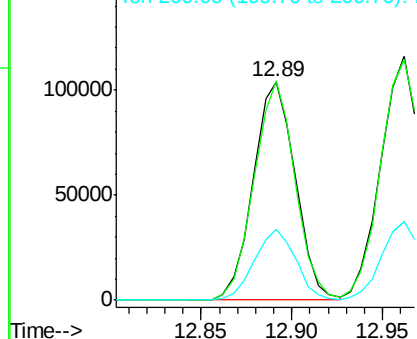
196 100

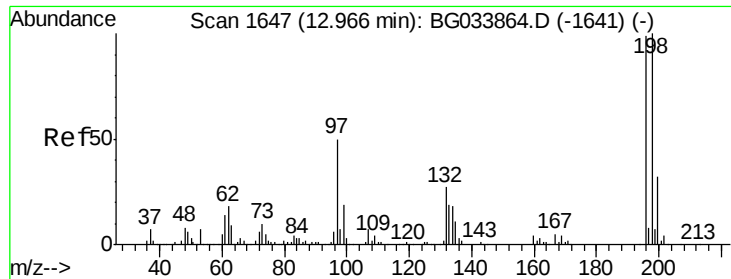
198 100.2 78.2 117.2

200 34.3 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

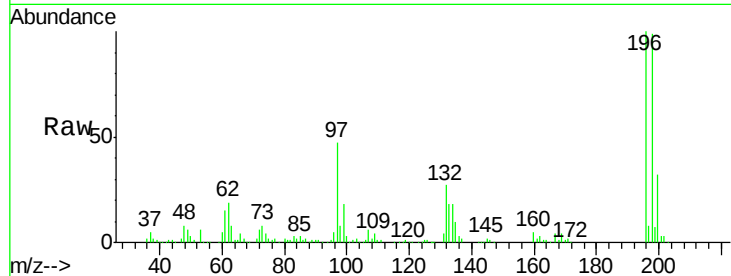




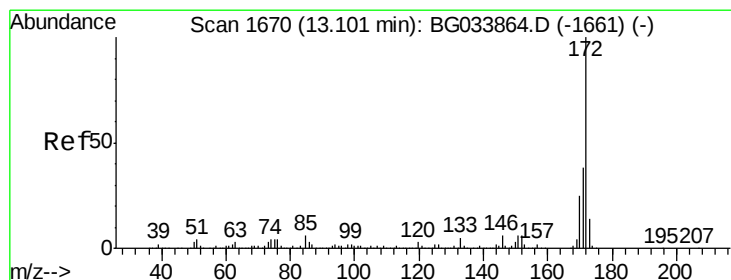
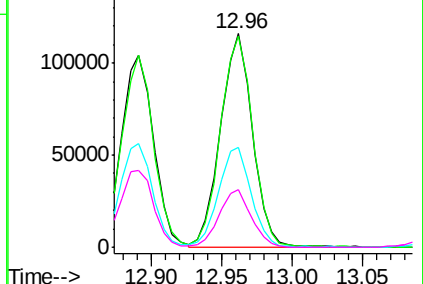
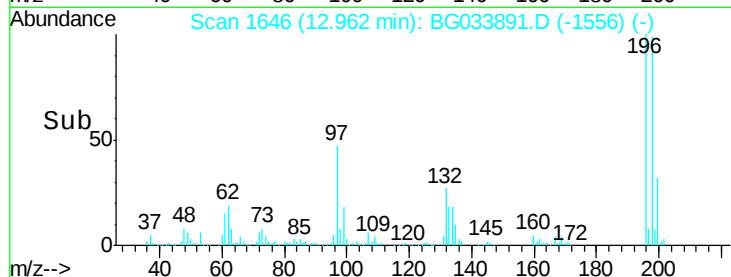
#43
2,4,5-Trichlorophenol
Concen: 38.032 ng
RT: 12.96 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB108385BS

Tot Ion:196 Resp: 182135
Ion Ratio Lower Upper
196 100
198 105.4 76.2 114.4
97 46.9 38.7 58.1
132 26.8 20.2 30.2

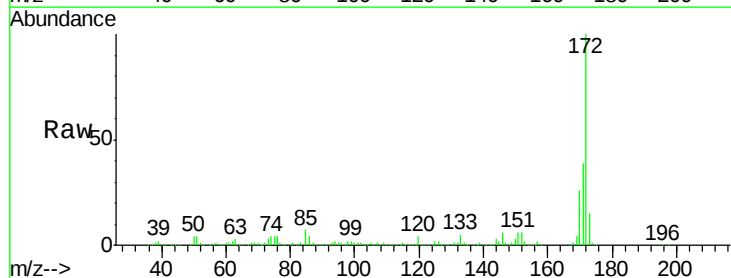


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

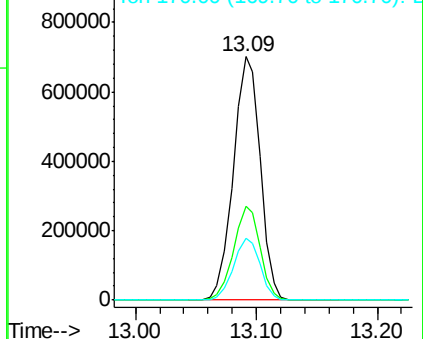
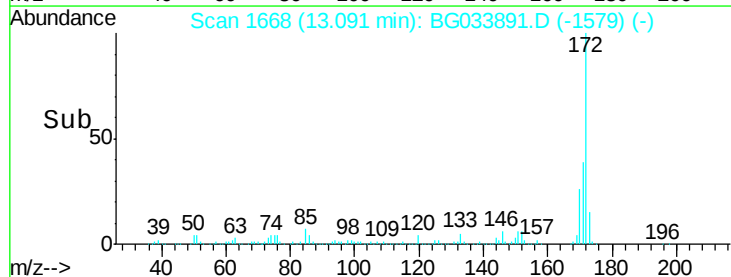


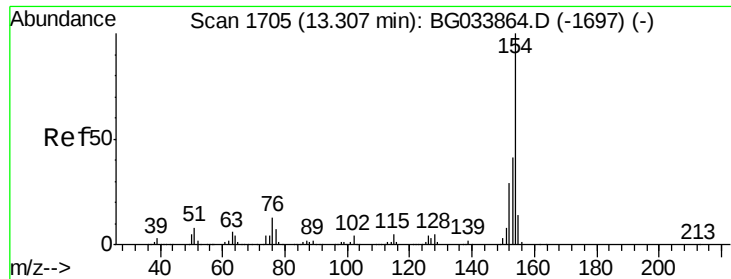
#44
2-Fluorobiphenyl
Concen: 77.639 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:172 Resp: 1087409
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 25.7 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

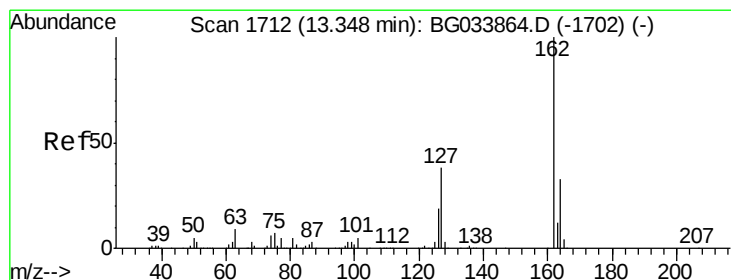
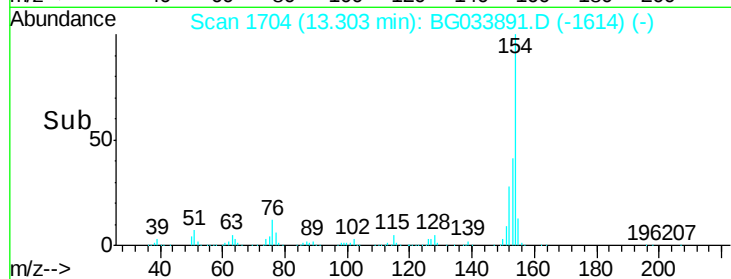
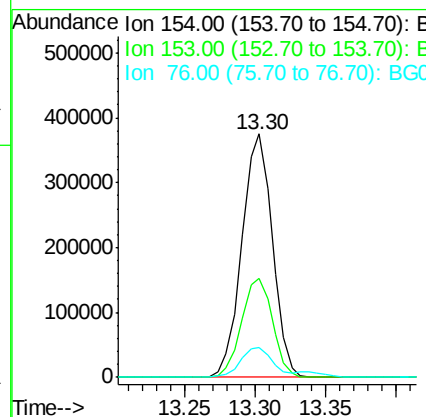
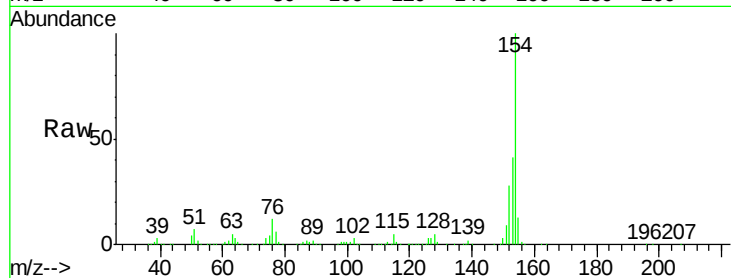




#45
 1,1'-Biphenyl
 Concen: 34.030 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

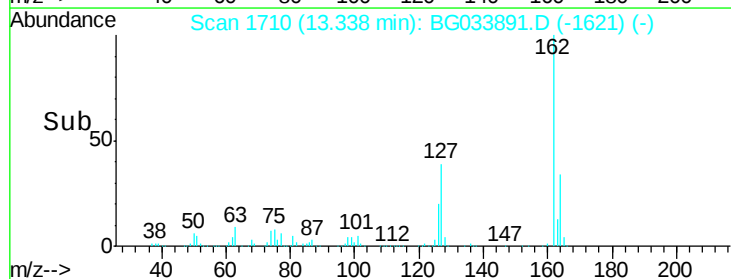
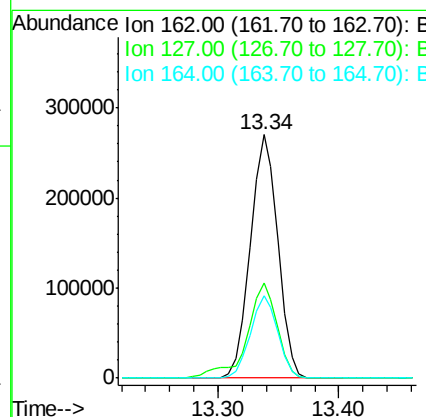
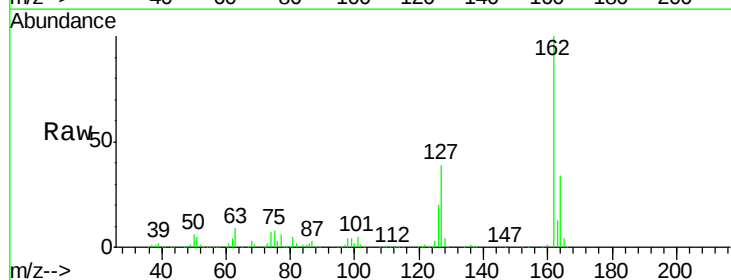
Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

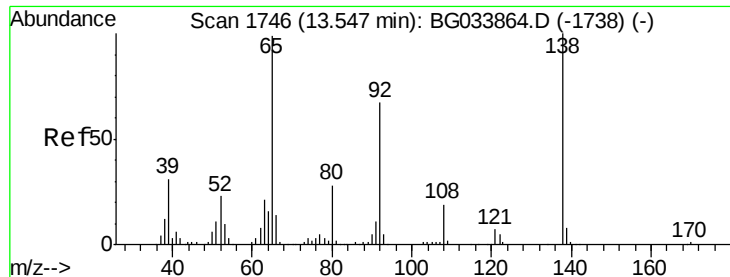
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.8	59.8
76	12.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 33.969 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.7	46.1
164	33.8	26.0	39.0

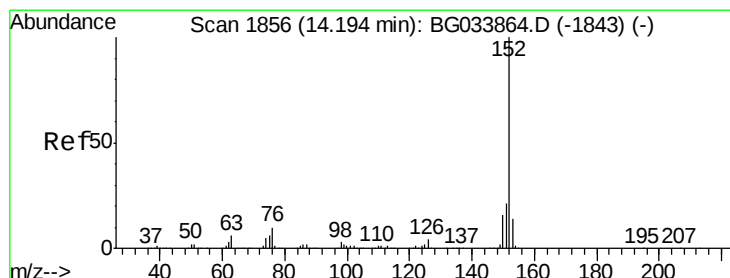
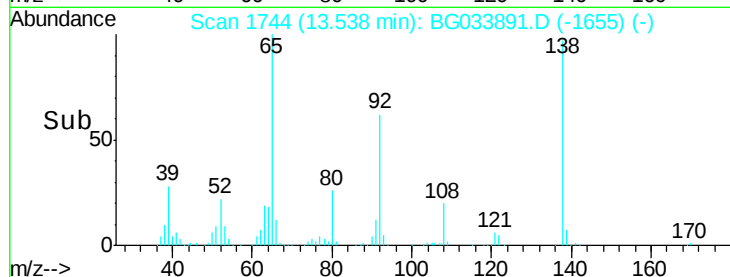
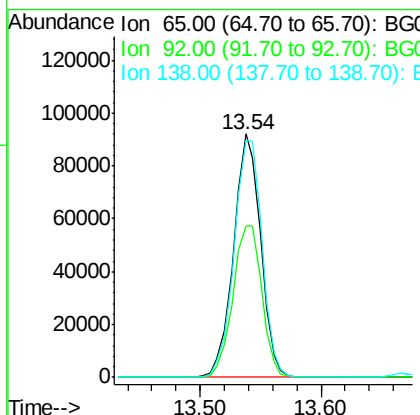
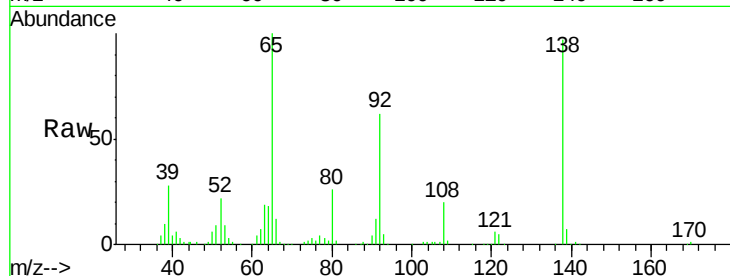




#47
2-Nitroaniline
Concen: 36.464 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

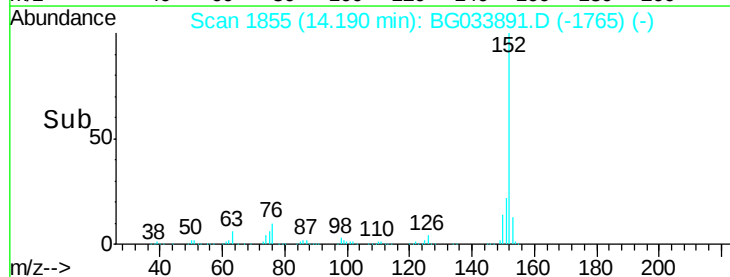
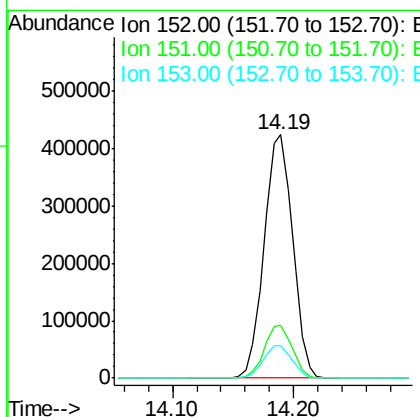
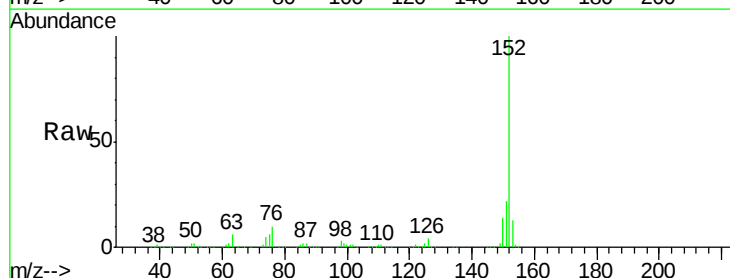
Instrument :
BNA_G
ClientSampleId :
PB108385BS

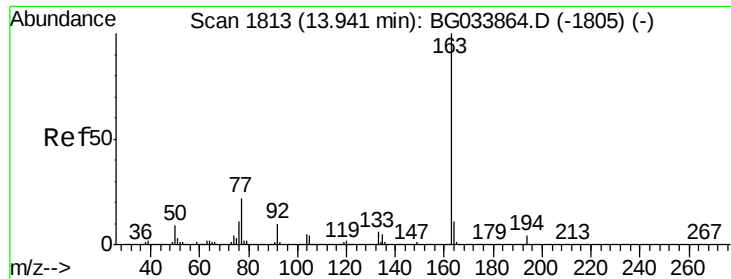
Tot Ion: 65 Resp: 143784
Ion Ratio Lower Upper
65 100
92 62.5 54.6 82.0
138 97.4 72.9 109.3



#48
Acenaphthylene
Concen: 33.064 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion: 152 Resp: 694088
Ion Ratio Lower Upper
152 100
151 21.8 17.2 25.8
153 13.5 10.2 15.4

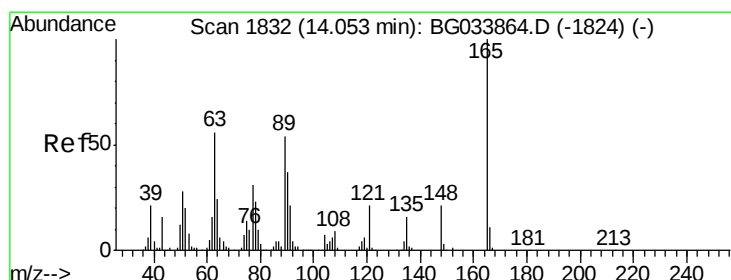
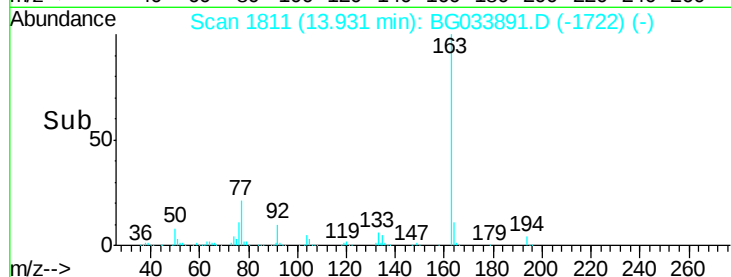
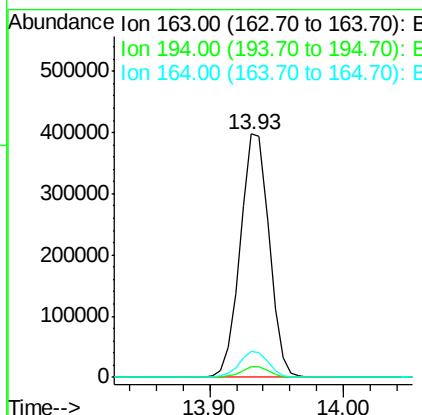
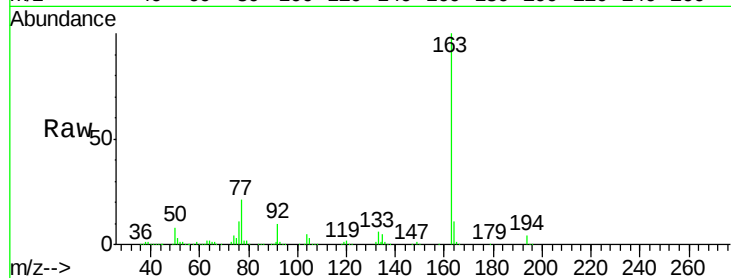




#49
Dimethylphthalate
Concen: 32.800 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

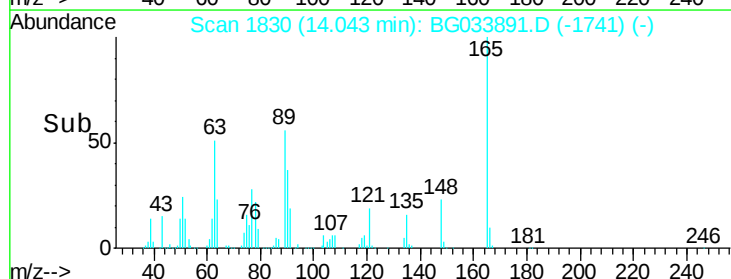
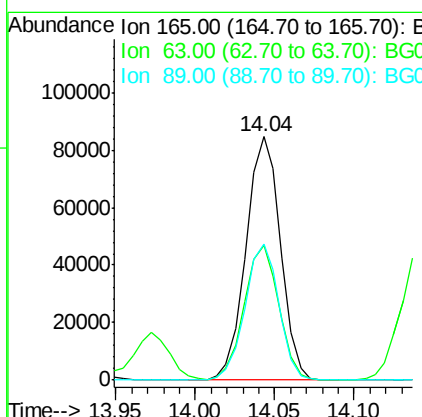
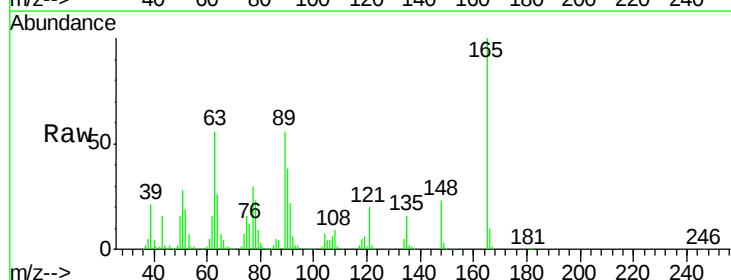
Instrument :
BNA_G
ClientSampleId :
PB108385BS

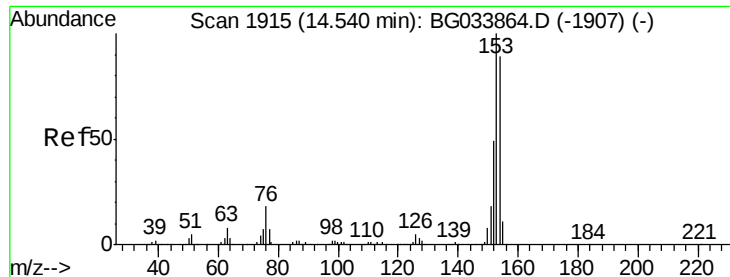
Tot Ion:163 Resp: 593643
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.8 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 37.243 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:165 Resp: 127739
Ion Ratio Lower Upper
165 100
63 55.6 52.7 79.1
89 56.1 49.2 73.8





#51

Acenaphthene

Concen: 32.680 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

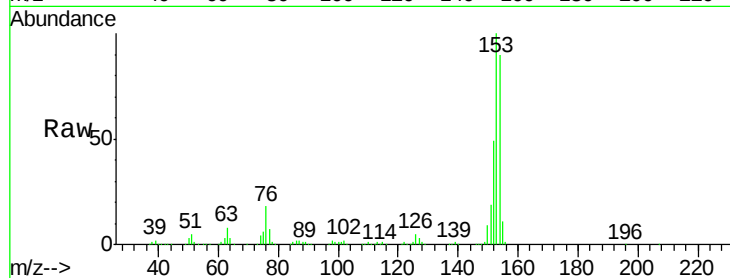
Tot Ion:154 Resp: 430957

Ion Ratio Lower Upper

154 100

153 111.6 90.4 135.6

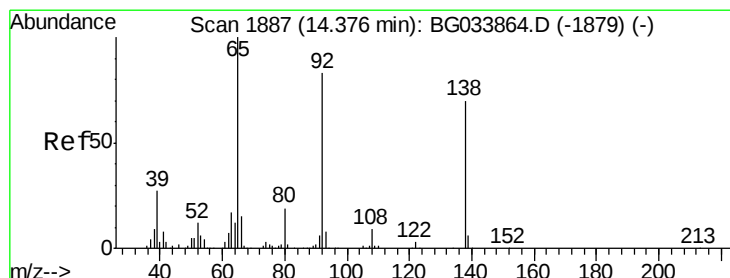
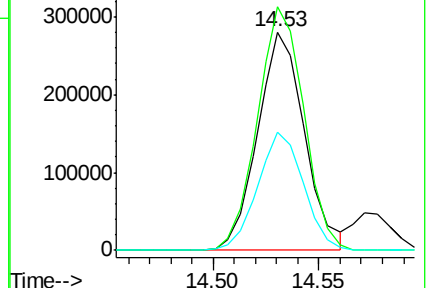
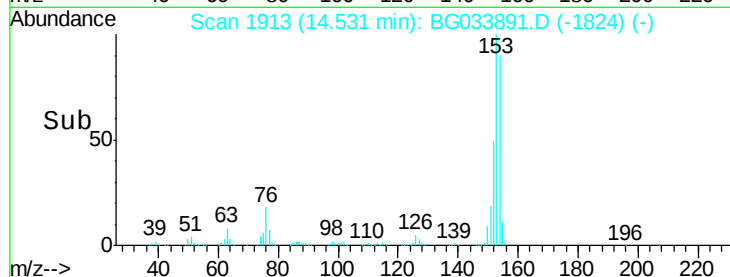
152 54.4 41.6 62.4



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: 10.247 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

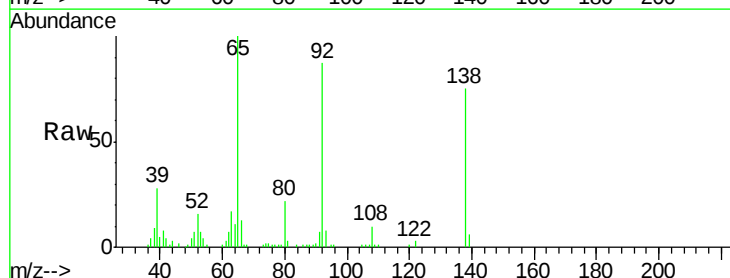
Tgt Ion:138 Resp: 38164

Ion Ratio Lower Upper

138 100

108 13.9 17.5 26.3#

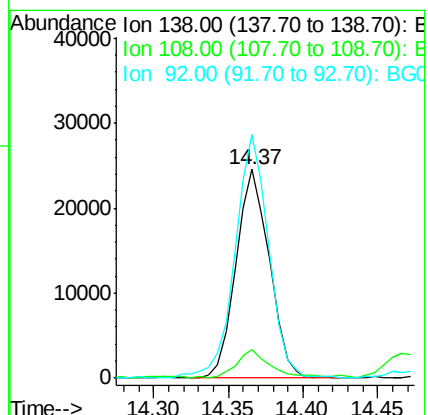
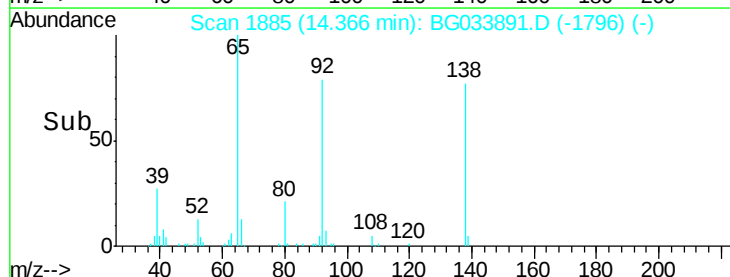
92 116.7 105.8 158.8

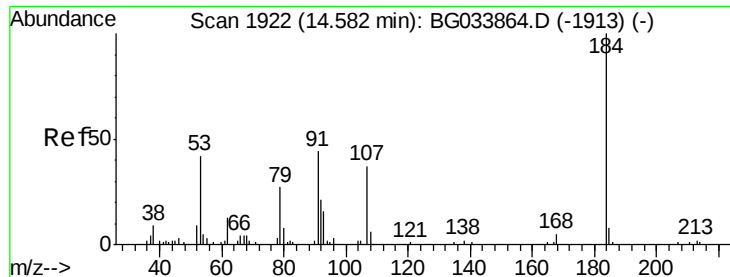


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

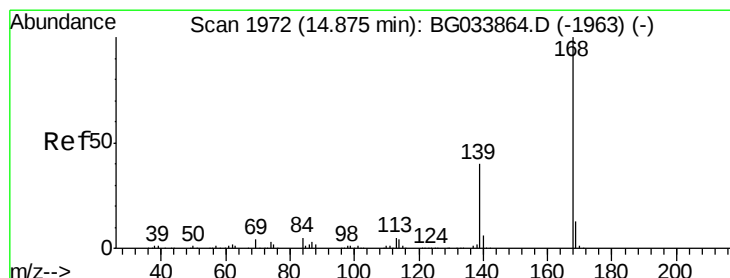
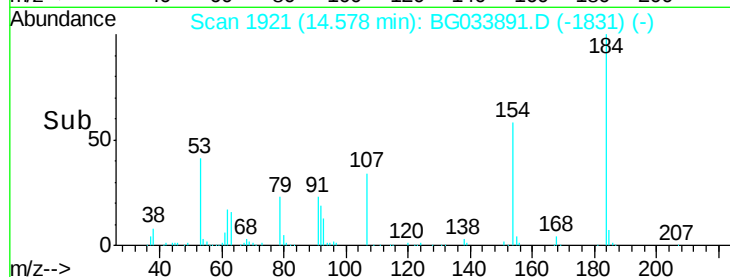
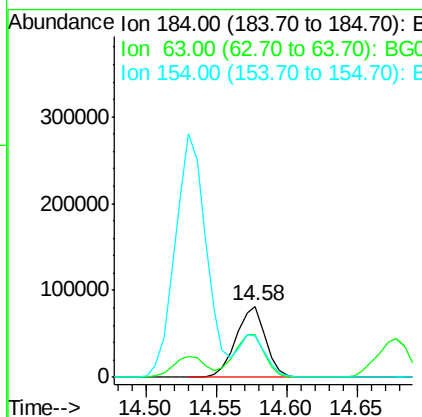
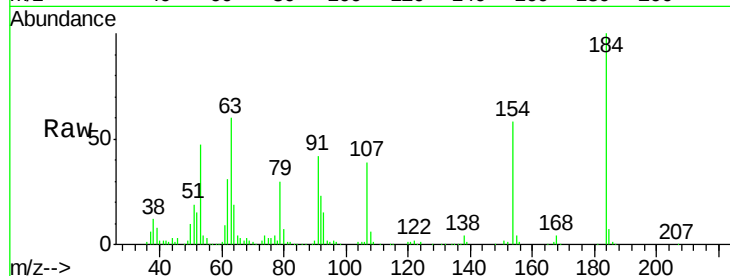




#53
2,4-Dinitrophenol
Concen: 97.482 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

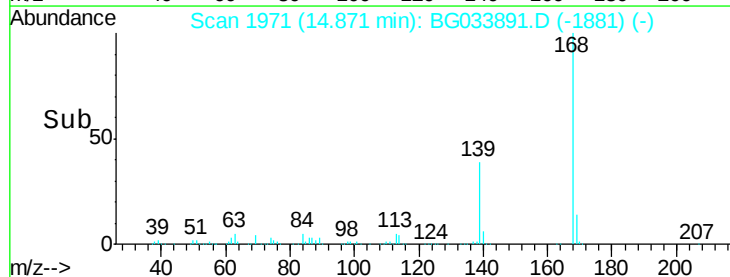
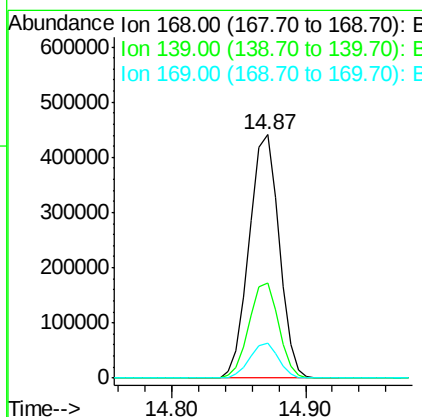
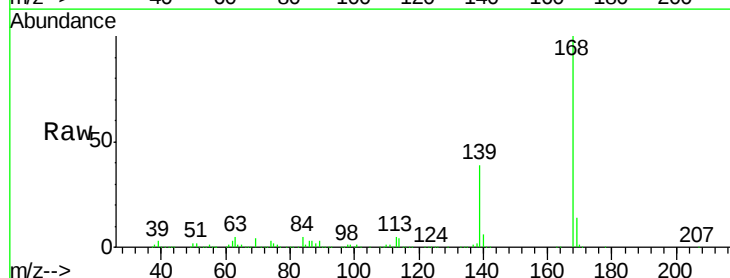
Instrument :
BNA_G
ClientSampleId :
PB108385BS

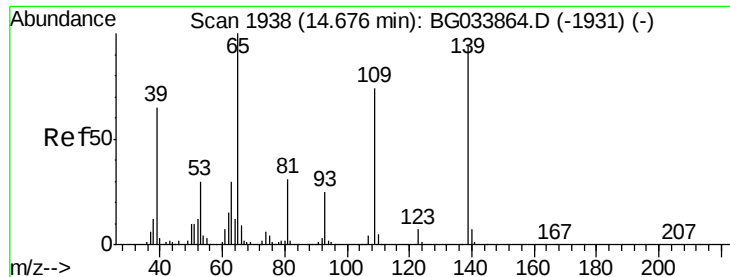
Tot Ion:184 Resp: 119573
Ion Ratio Lower Upper
184 100
63 59.8 59.8 89.8#
154 57.5 101.8 152.8#



#54
Dibenzofuran
Concen: 34.821 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:168 Resp: 680786
Ion Ratio Lower Upper
168 100
139 39.3 28.6 43.0
169 14.2 11.2 16.8

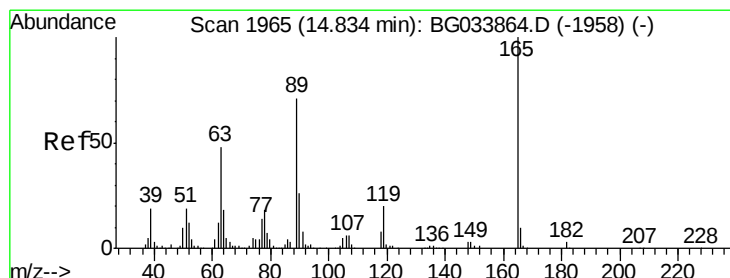
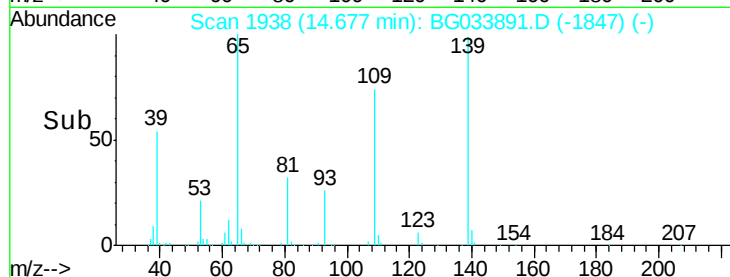
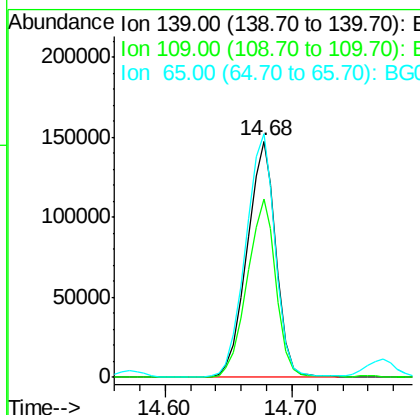
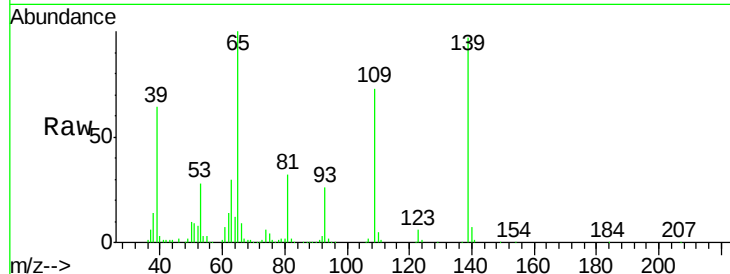




#55
4-Nitrophenol
Concen: 79.561 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

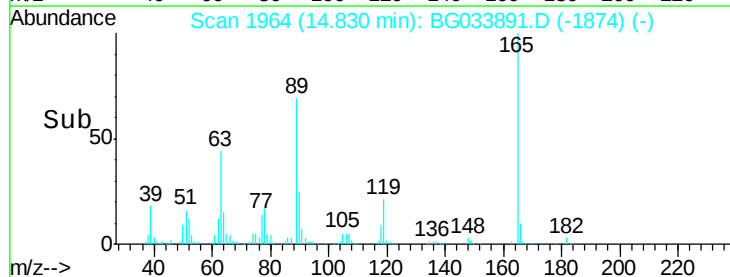
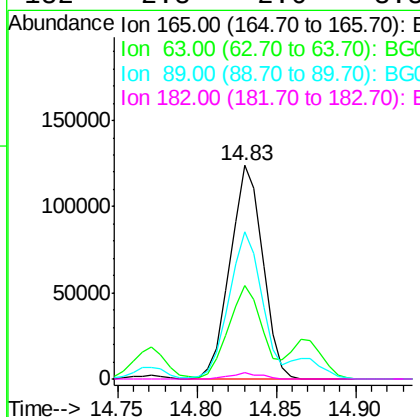
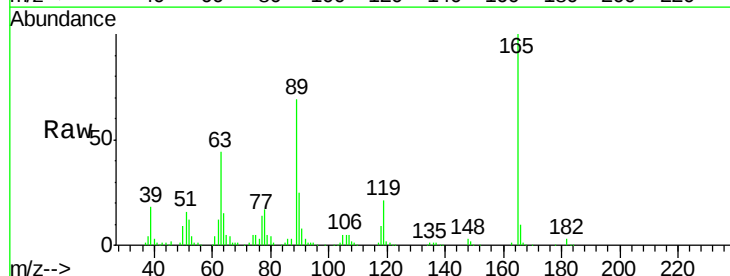
Instrument :
BNA_G
ClientSampleId :
PB108385BS

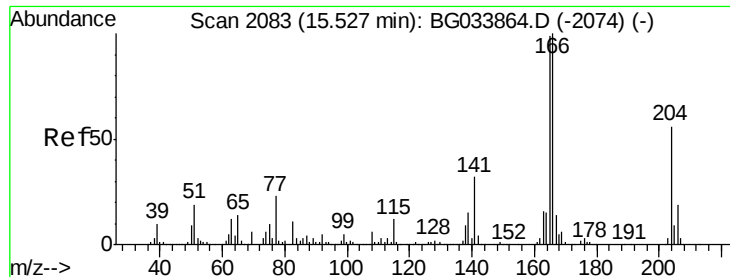
Tot Ion	Ratio	Lower	Upper
139	100		
109	75.3	62.2	102.2
65	103.1	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 38.762 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.9	42.0	63.0
89	69.1	66.9	100.3
182	2.8	2.6	3.8





#57

Fluorene

Concen: 33.352 ng

RT: 15.52 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

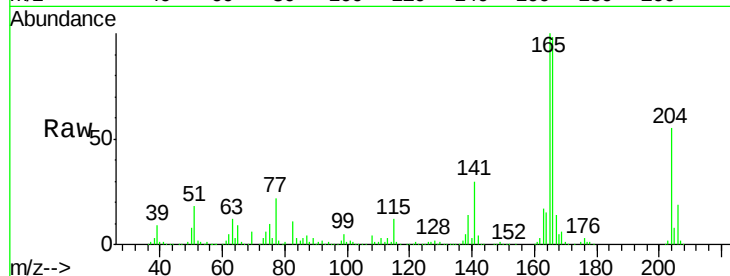
Tot Ion:166 Resp: 564260

Ion Ratio Lower Upper

166 100

165 101.6 80.6 121.0

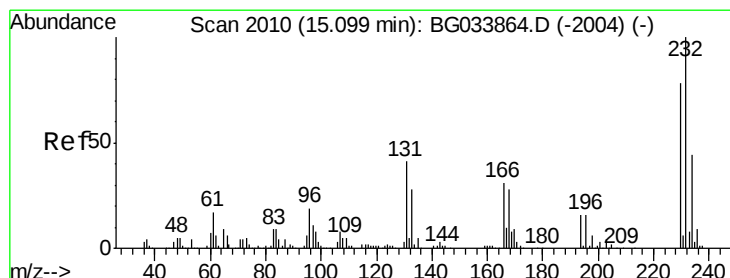
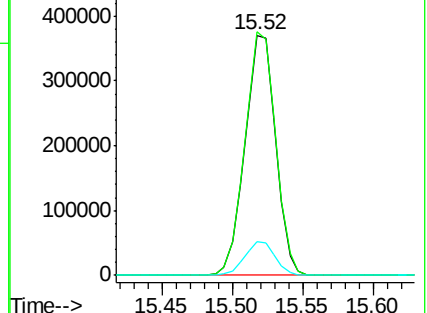
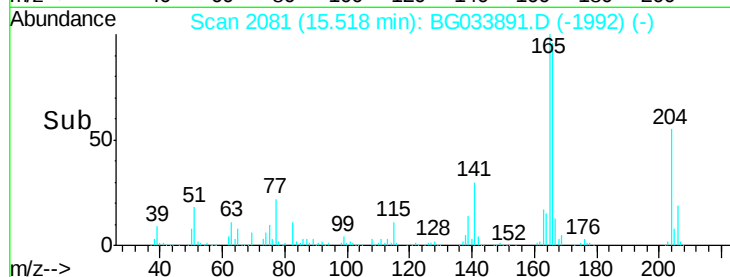
167 13.9 10.4 15.6



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: 39.752 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Tgt Ion:232 Resp: 174308

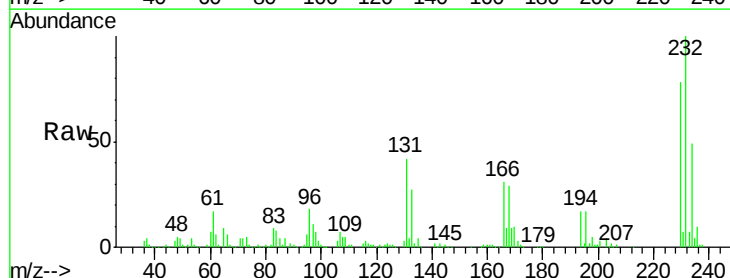
Ion Ratio Lower Upper

232 100

131 42.2 33.5 50.3

130 2.6 2.2 3.2

166 30.0 24.8 37.2

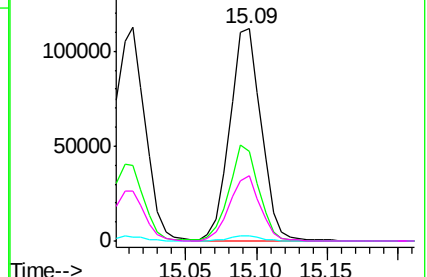
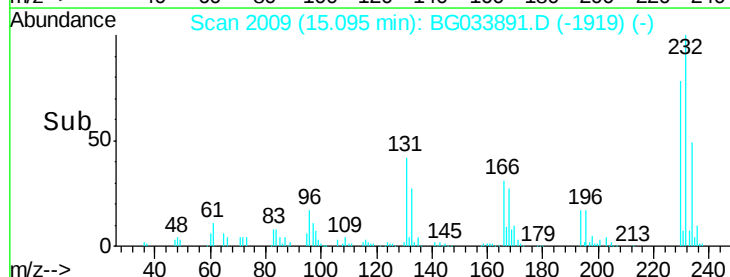


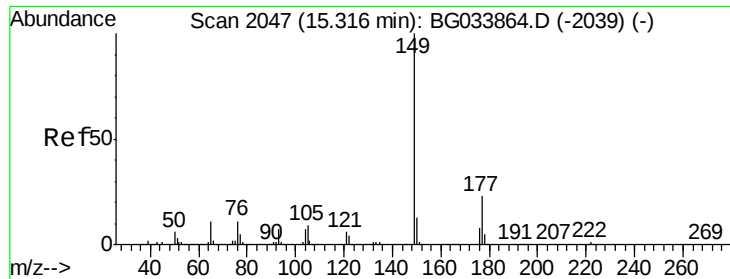
Abundance Ion 232.00 (231.70 to 232.70): E

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

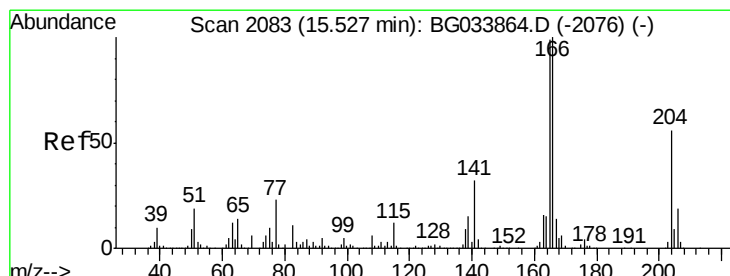
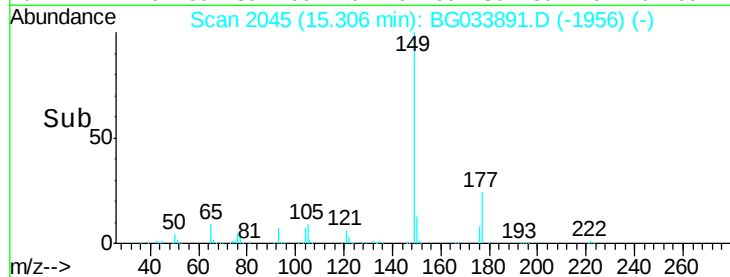
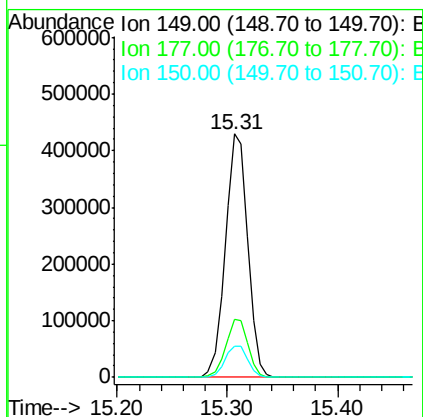
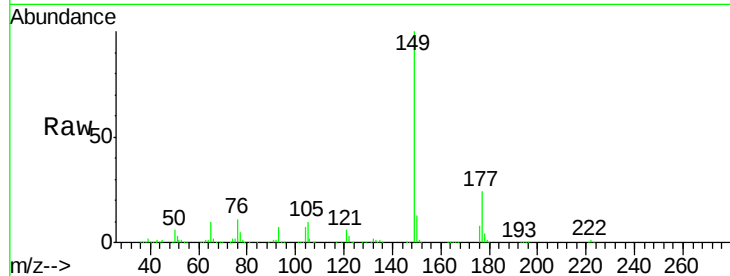




#59
Diethylphthalate
Concen: 31.797 ng
RT: 15.31 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

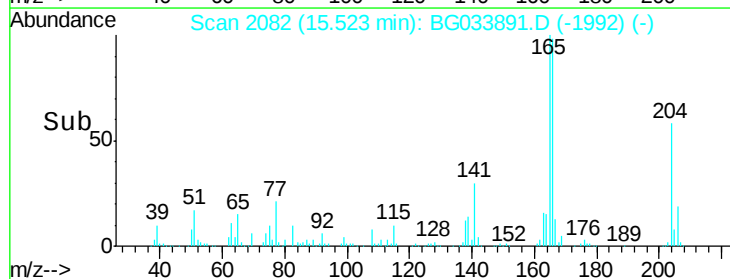
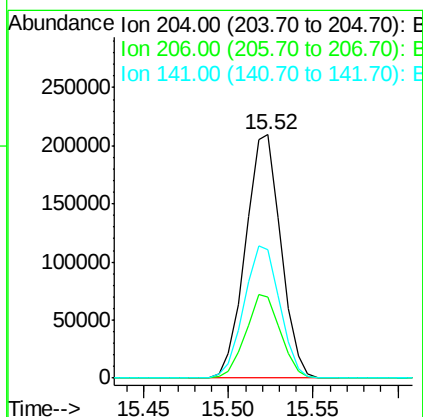
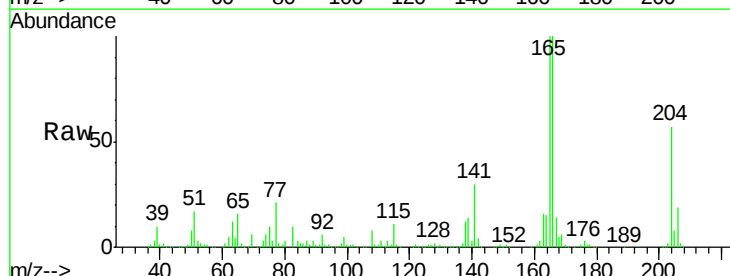
Instrument :
BNA_G
ClientSampleId :
PB108385BS

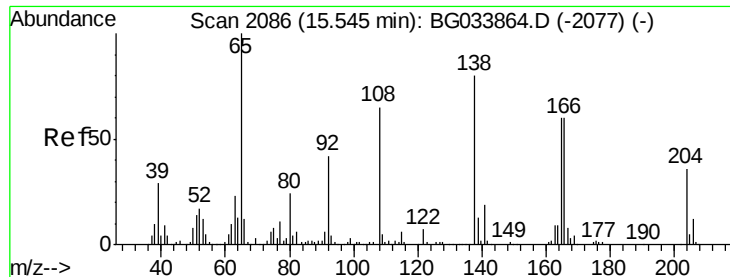
Tot Ion:149 Resp: 608301
Ion Ratio Lower Upper
149 100
177 24.0 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 34.376 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:204 Resp: 304194
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 52.5 45.8 68.6

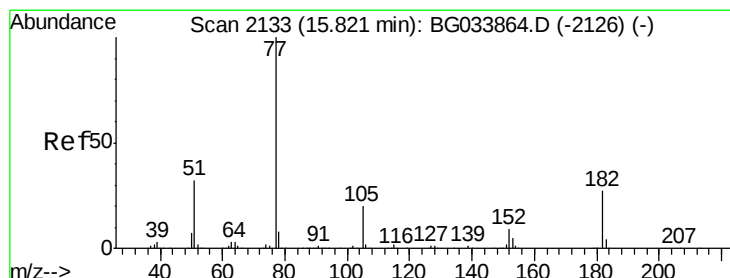
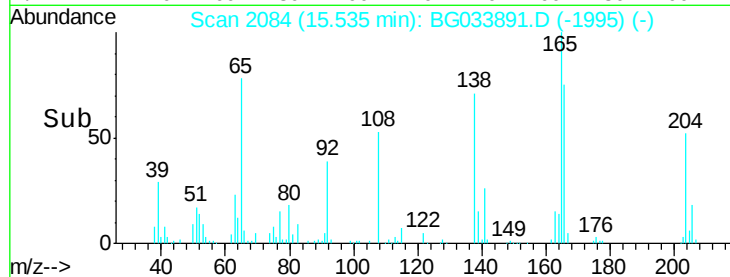
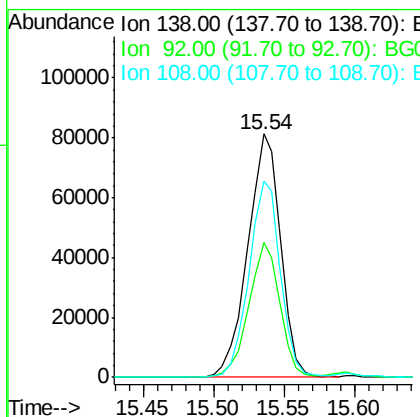
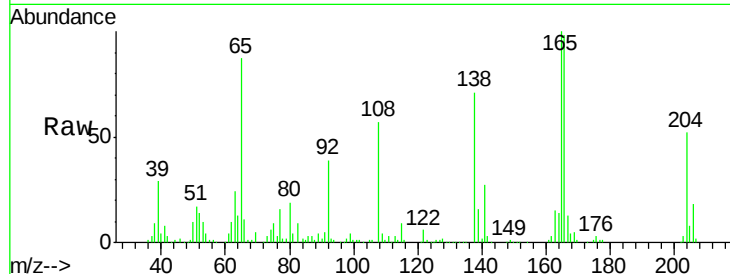




#61
4-Nitroaniline
Concen: 33.557 ng
RT: 15.54 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

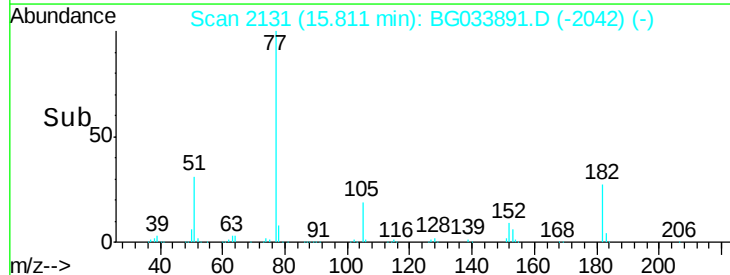
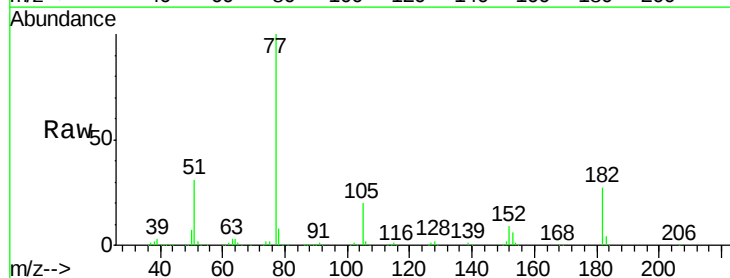
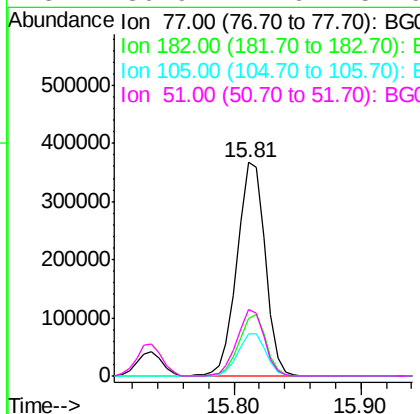
Instrument :
BNA_G
ClientSampleId :
PB108385BS

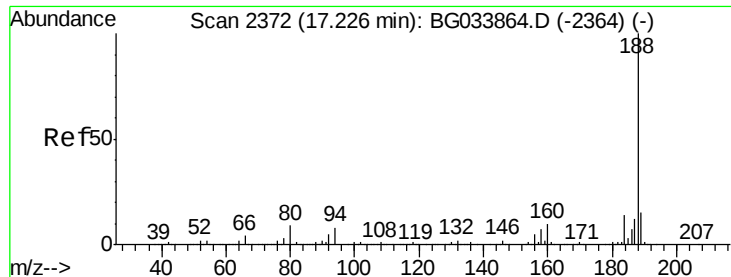
Tot Ion:138 Resp: 132698
Ion Ratio Lower Upper
138 100
92 55.2 40.1 80.1
108 80.4 65.4 105.4



#62
Azobenzene
Concen: 32.984 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion: 77 Resp: 562479
Ion Ratio Lower Upper
77 100
182 27.1 7.4 47.4
105 19.7 0.3 40.3
51 30.9 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.22 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

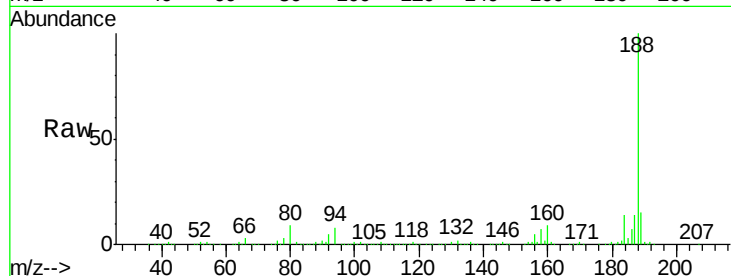
Tot Ion:188 Resp: 498068

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

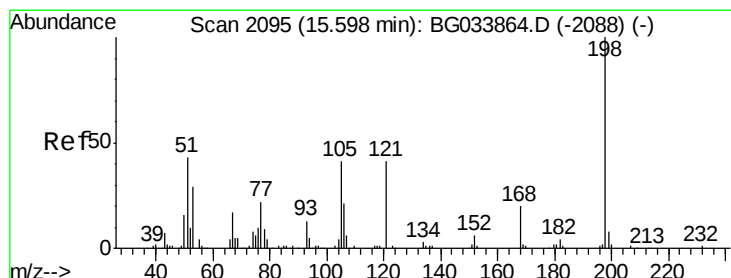
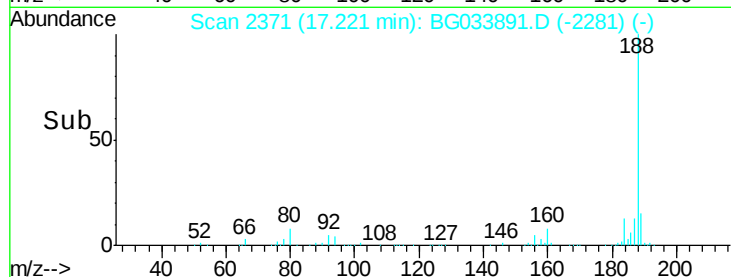
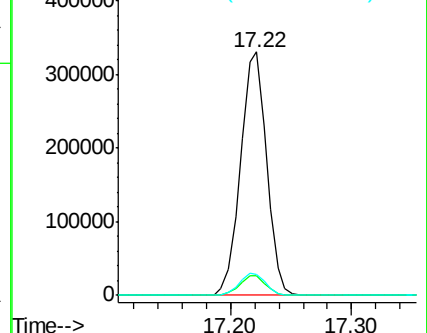
80 8.8 7.7 11.5



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: 36.431 ng

RT: 15.59 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

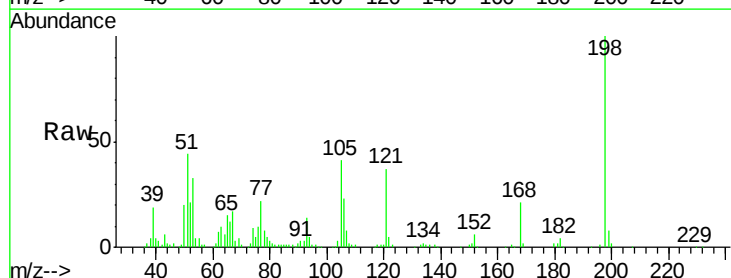
Tgt Ion:198 Resp: 83038

Ion Ratio Lower Upper

198 100

51 43.8 30.6 70.6

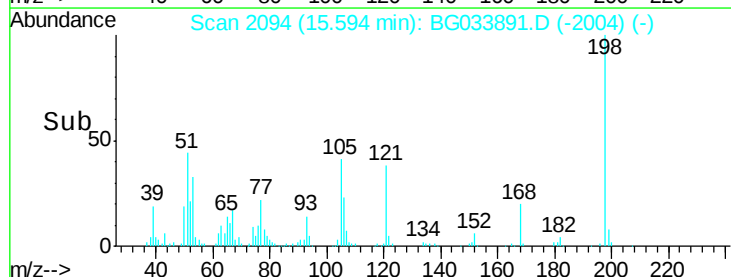
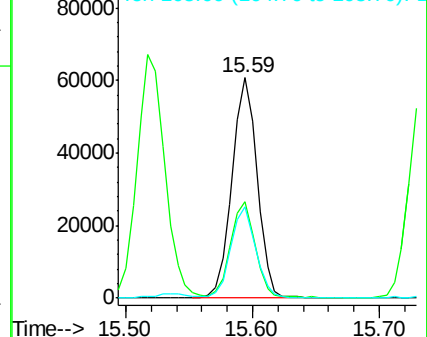
105 41.3 23.8 63.8

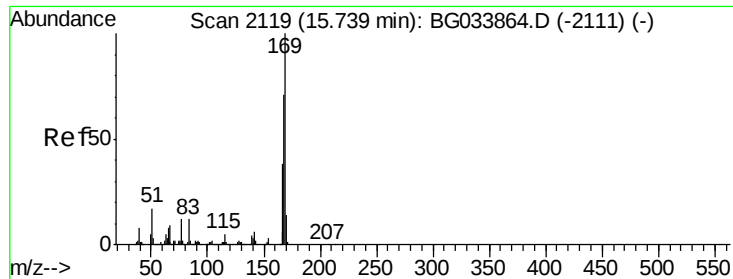


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.793 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

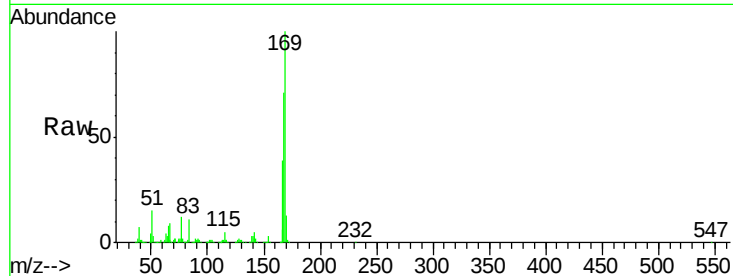
Tot Ion:169 Resp: 503817

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

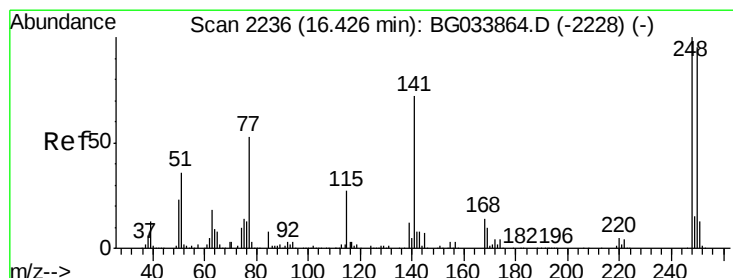
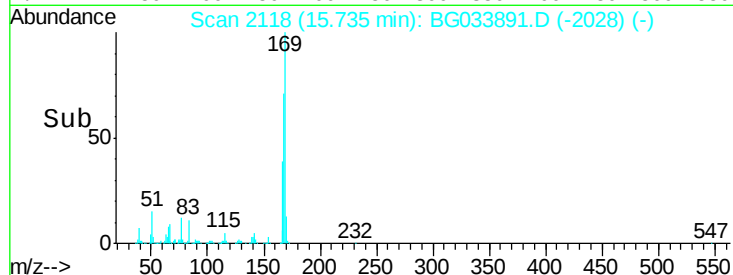
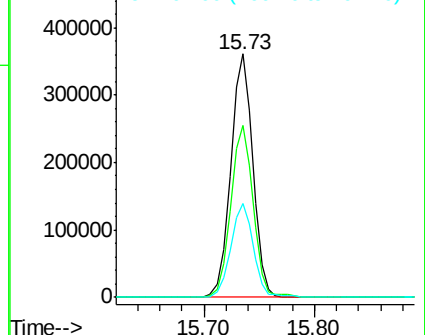
167 38.6 30.1 45.1



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: 35.648 ng

RT: 16.42 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

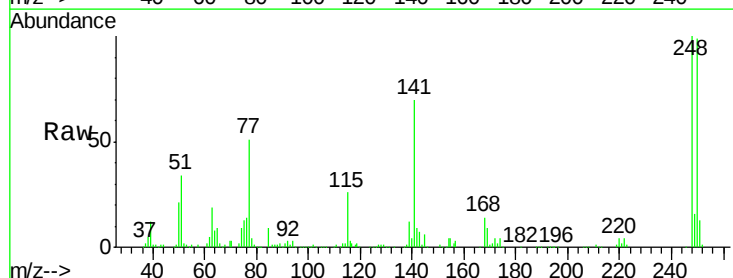
Tgt Ion:248 Resp: 194987

Ion Ratio Lower Upper

248 100

250 99.1 77.1 115.7

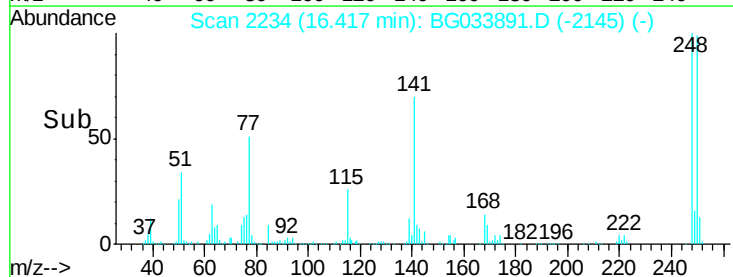
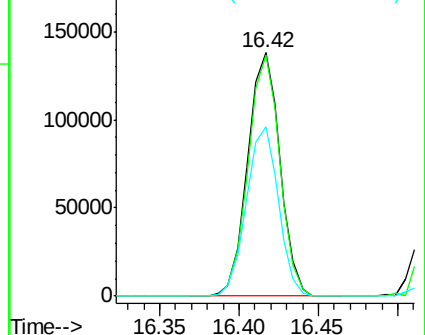
141 69.7 50.8 76.2

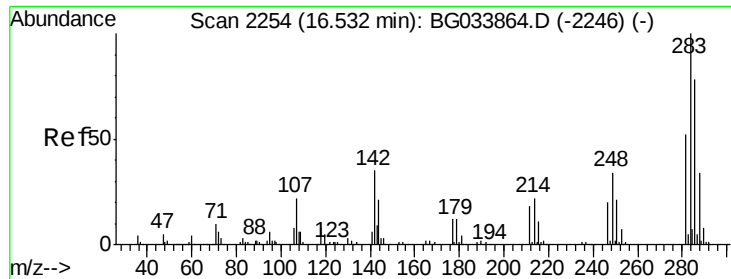


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

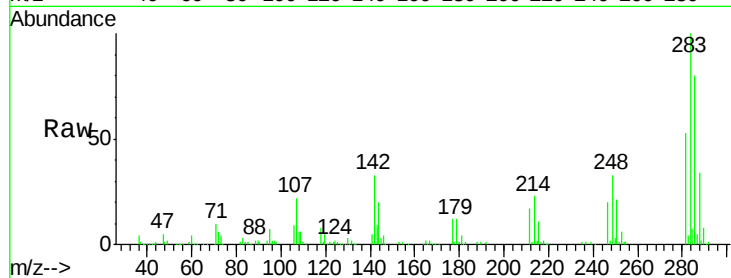




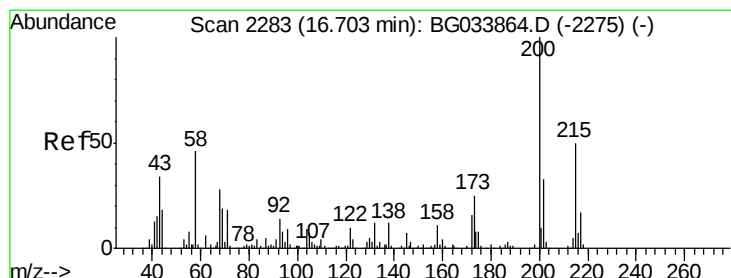
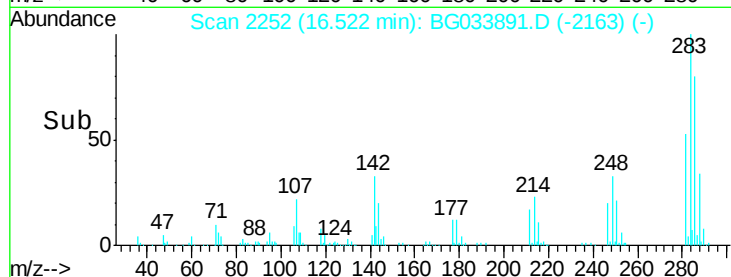
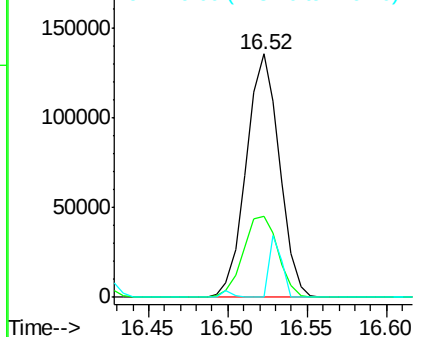
#67
Hexachlorobenzene
Concen: 33.793 ng
RT: 16.52 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PB108385BS

Tot Ion:284 Resp: 197126
Ion Ratio Lower Upper
284 100
142 33.4 26.8 40.2
249 2.5 26.3 39.5#

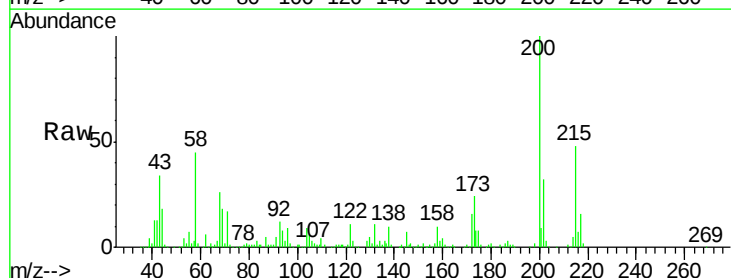


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

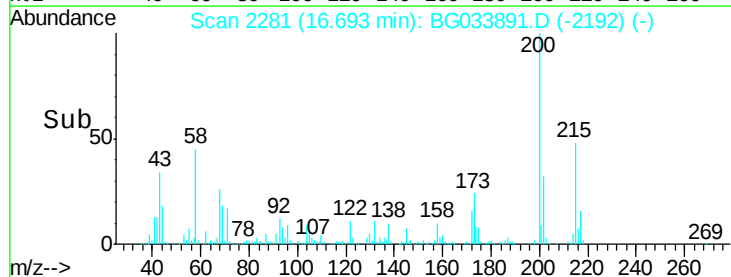
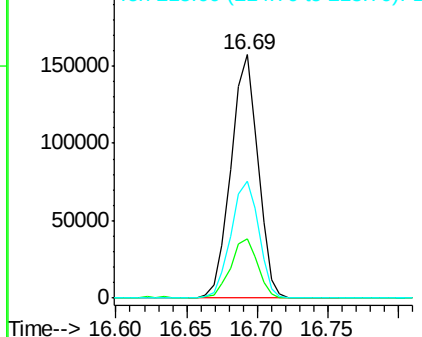


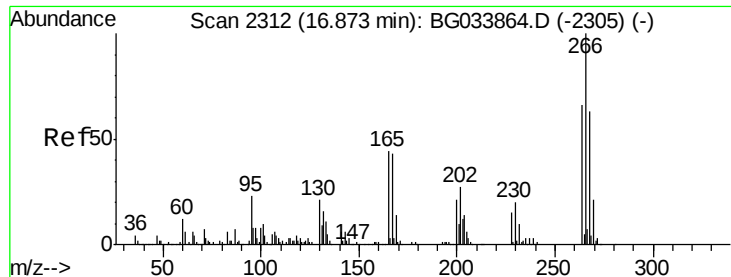
#68
Atrazine
Concen: 37.032 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:200 Resp: 210076
Ion Ratio Lower Upper
200 100
173 24.5 5.2 45.2
215 47.8 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

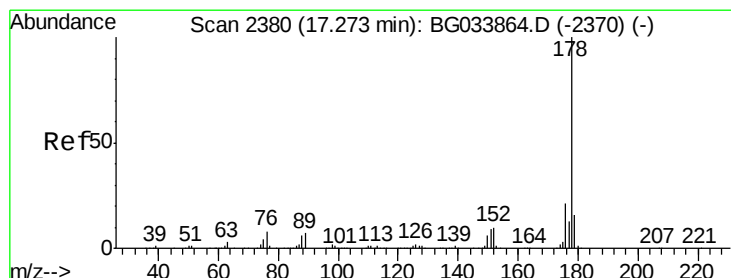
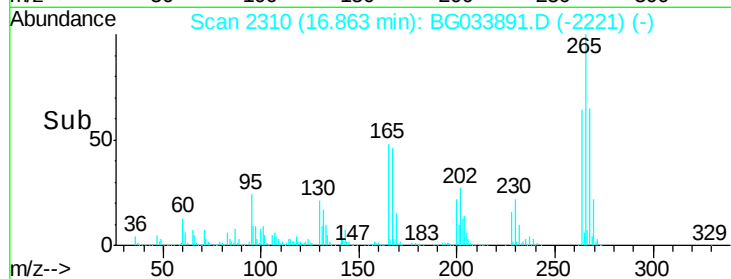
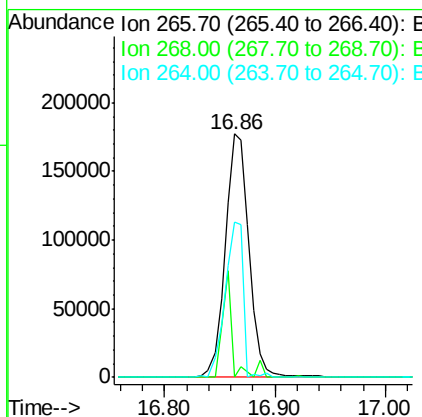
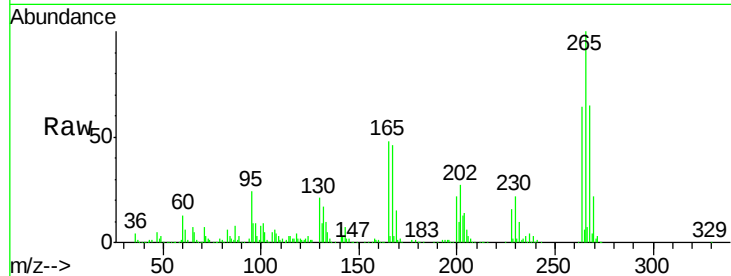




#69
 Pentachlorophenol
 Concen: 66.576 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

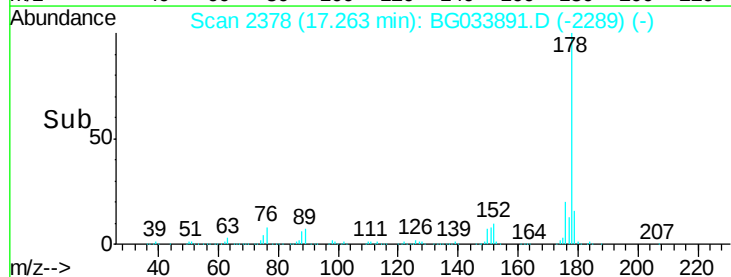
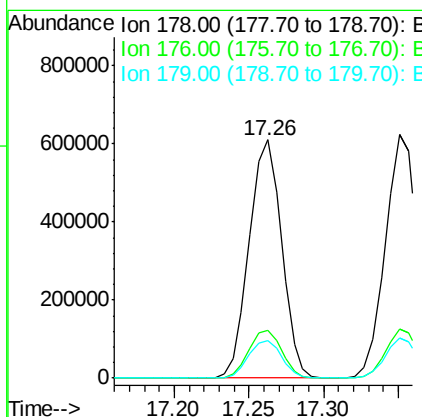
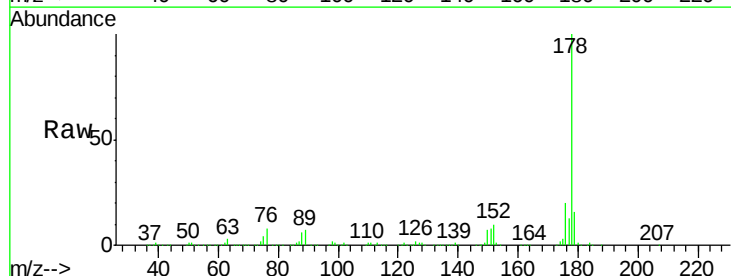
Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

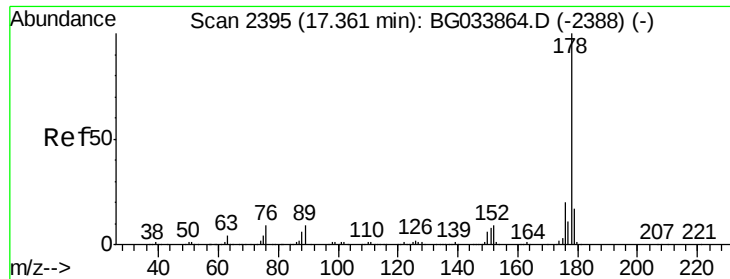
Tot Ion	Ratio	Lower	Upper
266	100		
268	4.3	51.1	76.7#
264	69.1	49.6	74.4



#70
 Phenanthrene
 Concen: 34.371 ng
 RT: 17.26 min Scan# 2378
 Delta R.T. -0.01 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.0	12.5	18.7

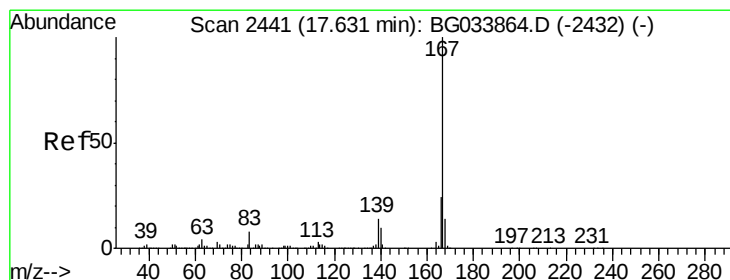
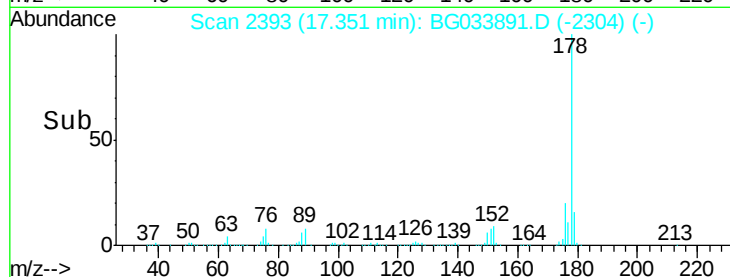
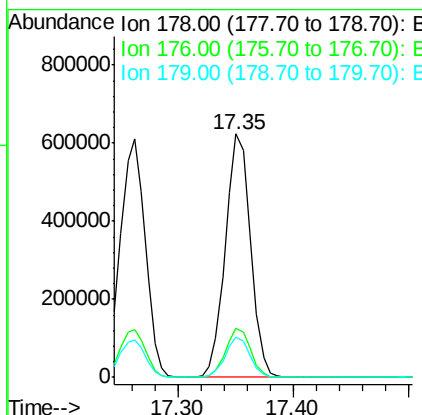
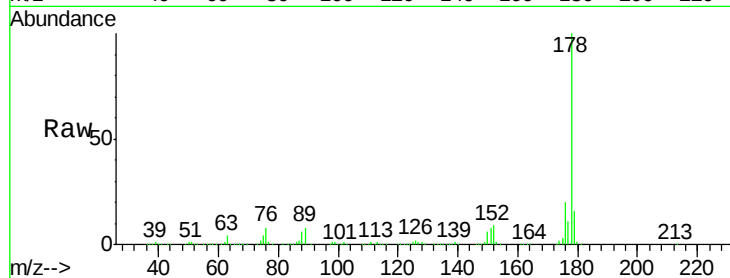




#71
 Anthracene
 Concen: 35.190 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

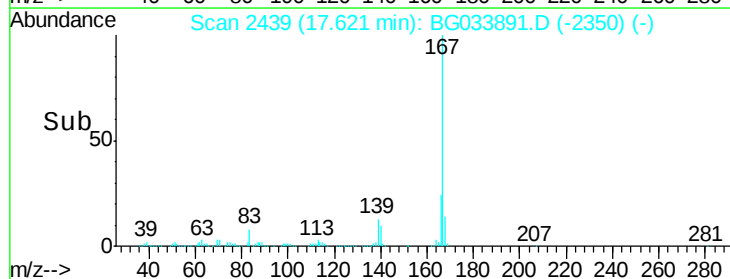
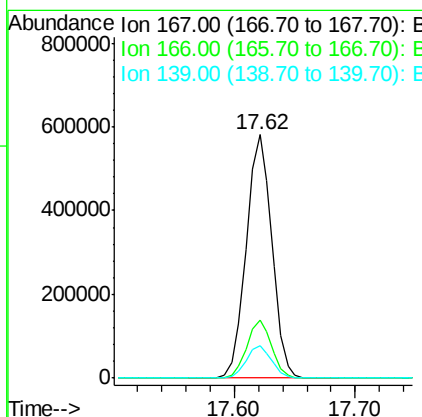
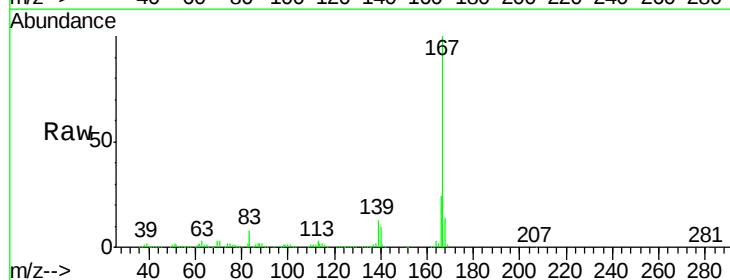
Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

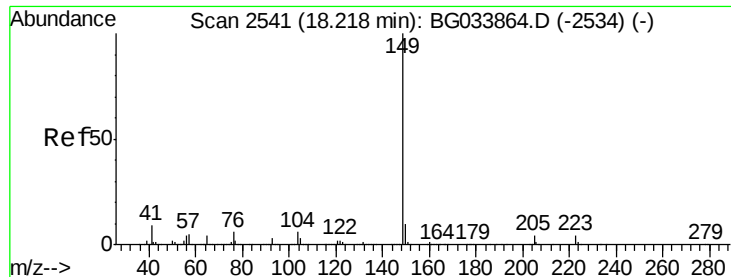
Tot Ion:178 Resp: 940295
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 33.416 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

Tgt Ion:167 Resp: 861412
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.2 27.4
 139 13.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 32.562 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

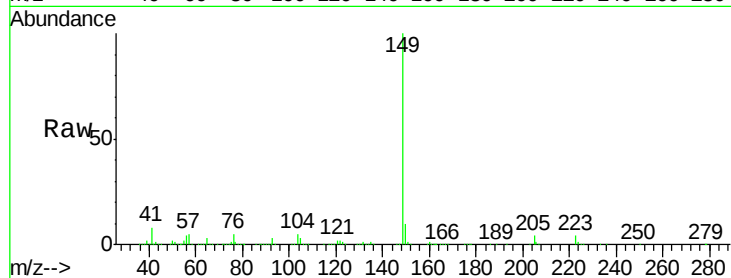
Tot Ion:149 Resp: 1044245

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

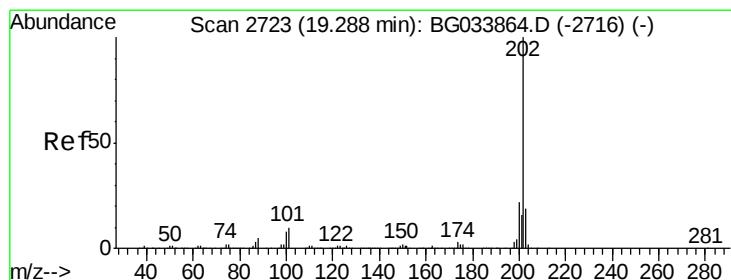
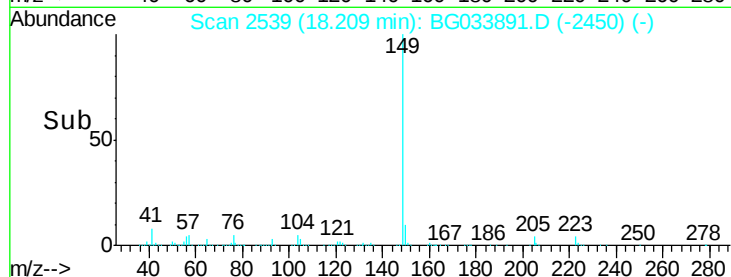
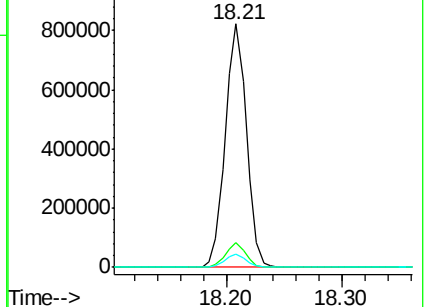
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.686 ng

RT: 19.28 min Scan# 2721

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

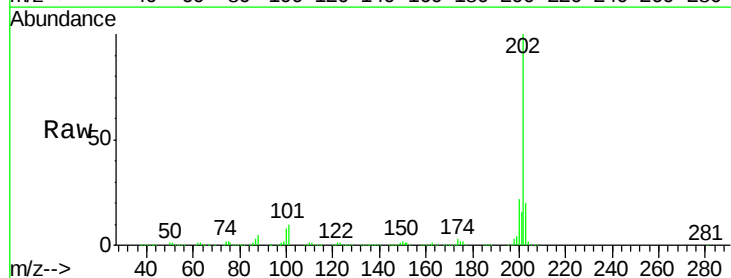
Tgt Ion:202 Resp: 1121094

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.9

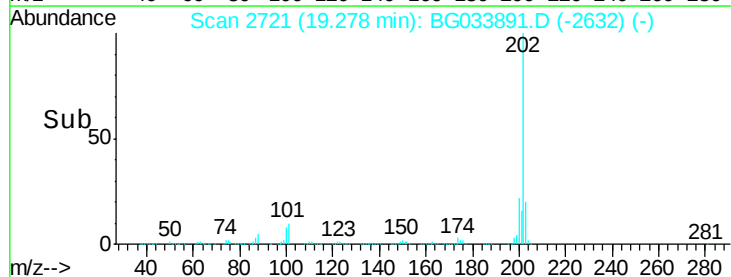
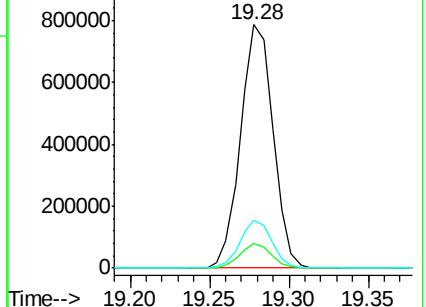
203 19.5 0.0 37.5

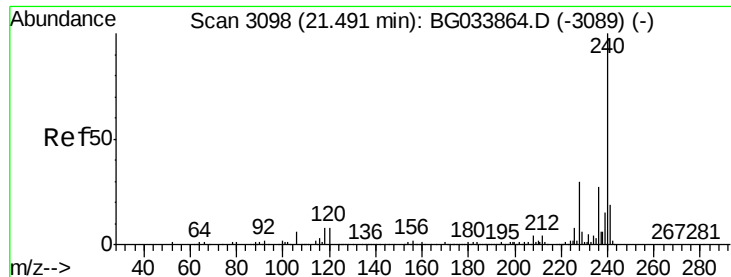


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.48 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

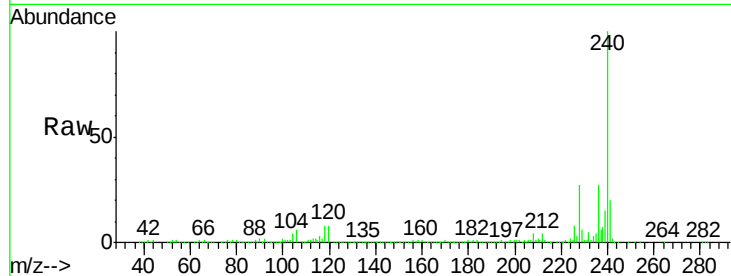
Tot Ion:240 Resp: 490767

Ion Ratio Lower Upper

240 100

120 8.2 6.8 10.2

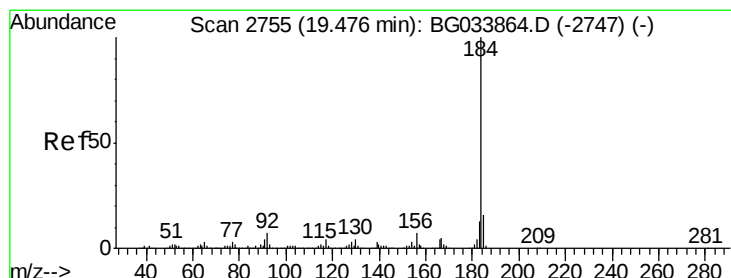
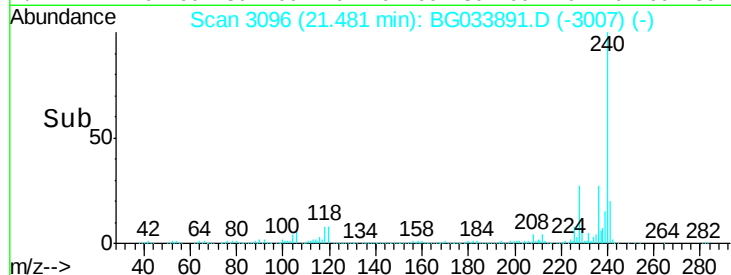
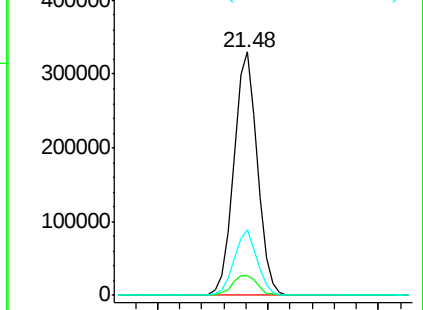
236 27.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.980 ng

RT: 19.47 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

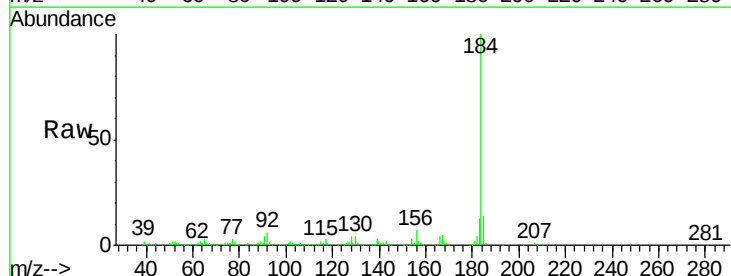
Tgt Ion:184 Resp: 238284

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

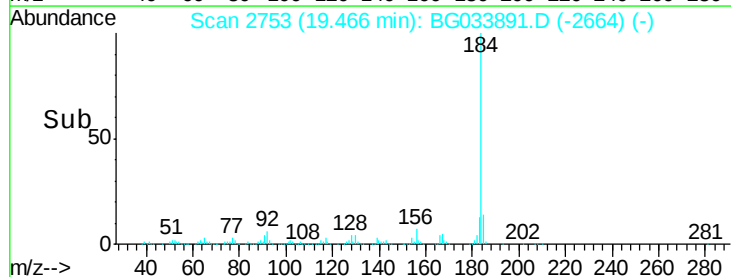
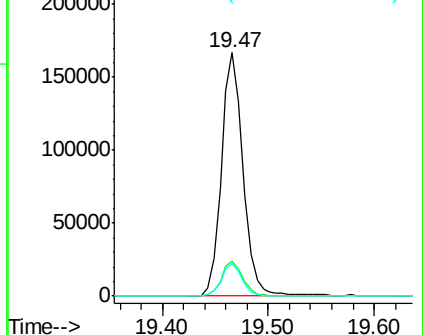
183 13.2 10.6 16.0

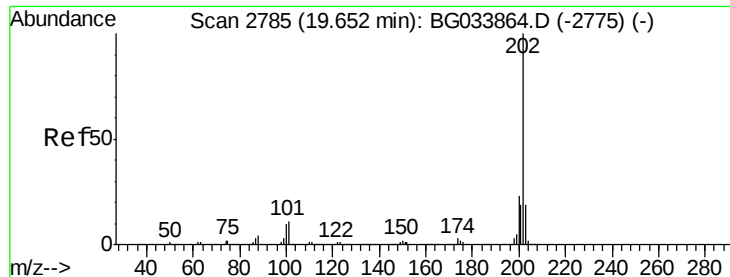


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.567 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

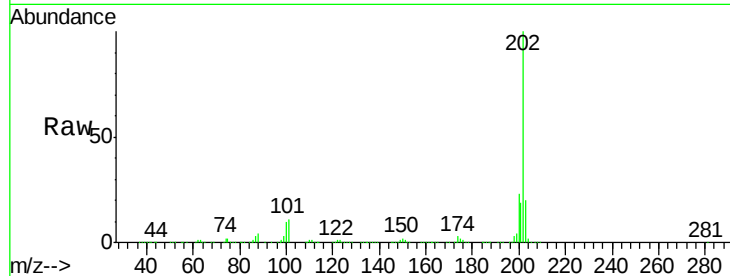
Tot Ion:202 Resp: 1112671

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

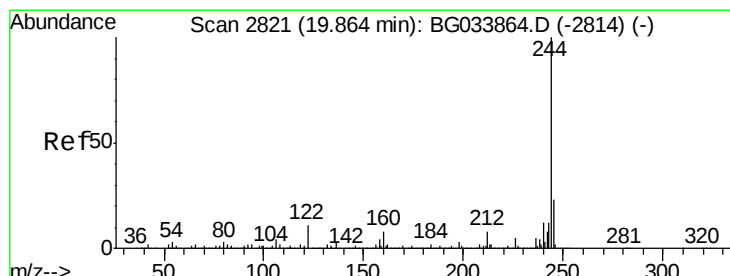
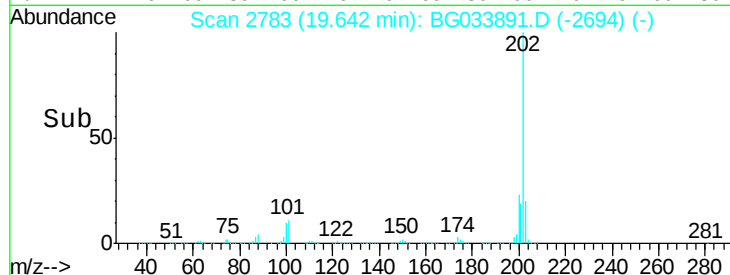
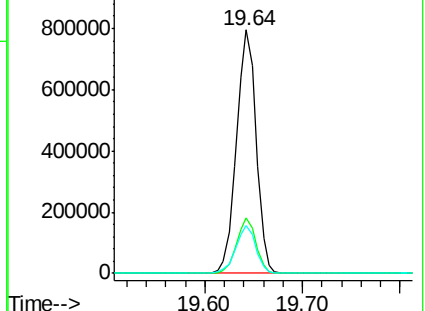
203 19.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.936 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

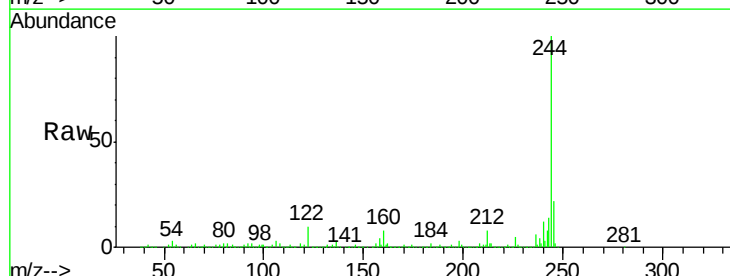
Tgt Ion:244 Resp: 1702492

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

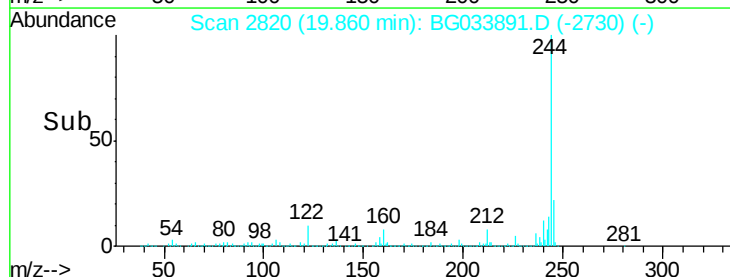
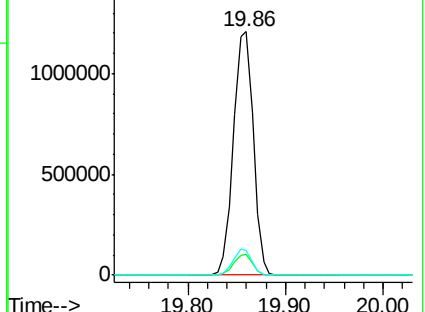
122 9.9 7.0 10.4

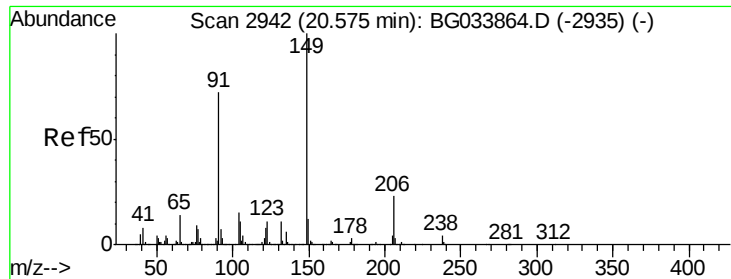


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

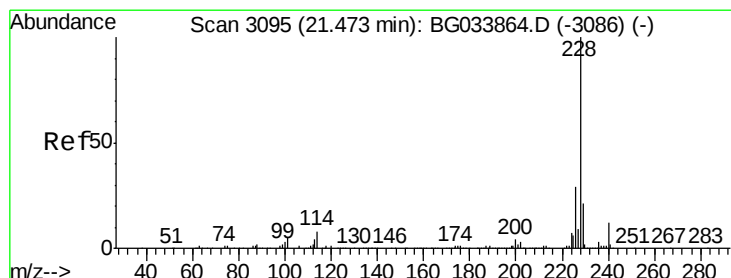
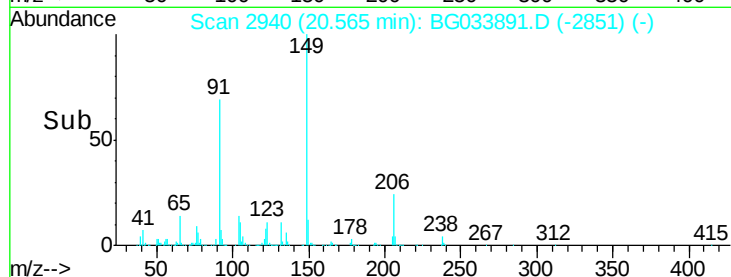
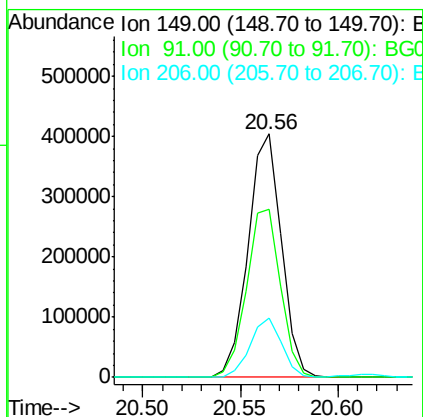
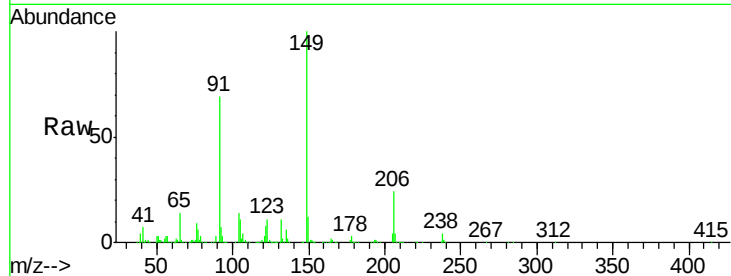




#79
Butylbenzylphthalate
Concen: 33.786 ng
RT: 20.56 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

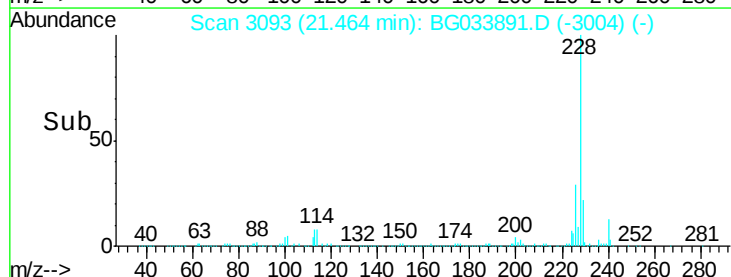
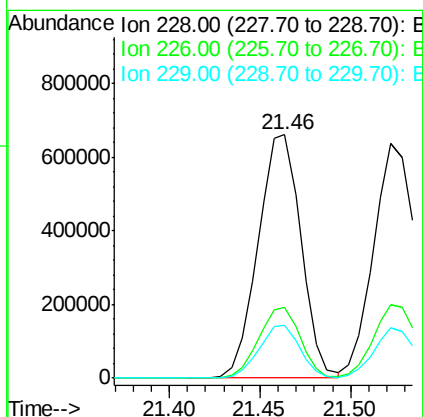
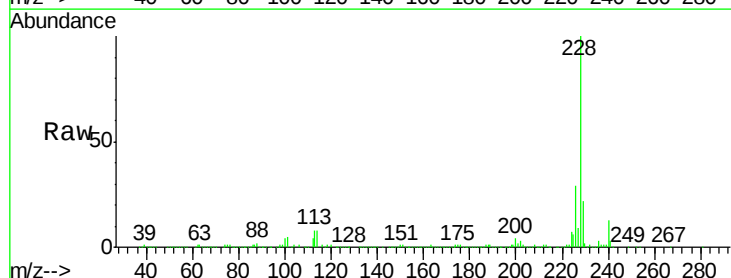
Instrument :
BNA_G
ClientSampleId :
PB108385BS

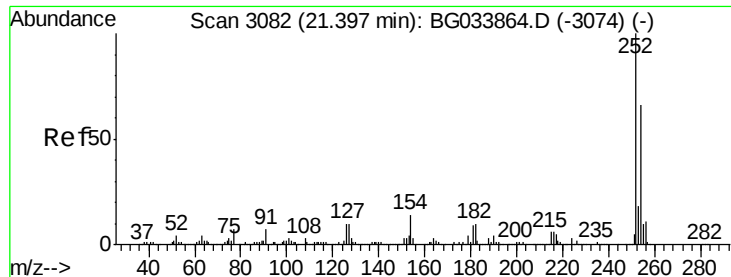
Tot Ion:149 Resp: 477597
Ion Ratio Lower Upper
149 100
91 68.8 62.2 93.2
206 24.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 35.192 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:228 Resp: 1089064
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 21.5 16.2 24.2

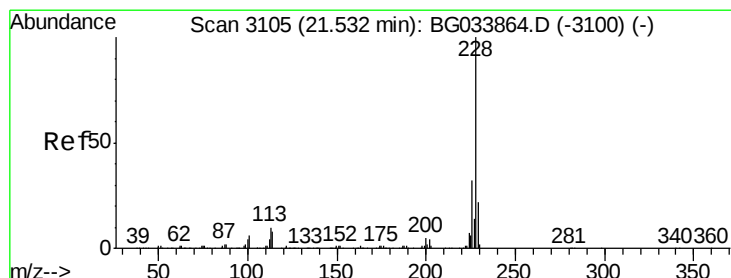
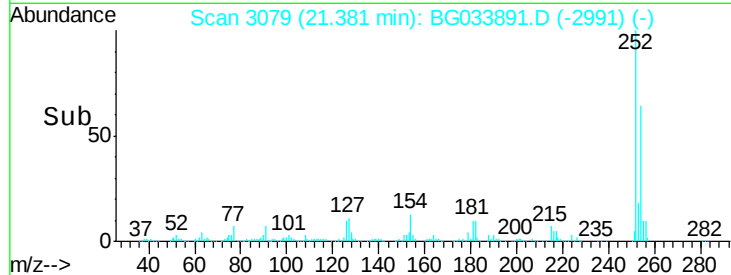
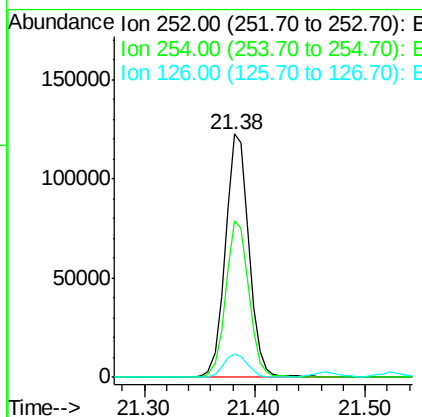
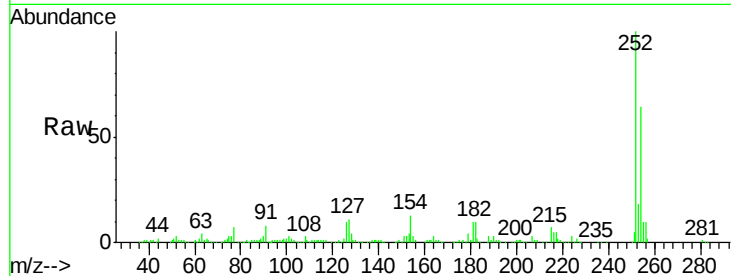




#81
 3,3'-Dichlorobenzidine
 Concen: 15.885 ng
 RT: 21.38 min Scan# 3079
 Delta R.T. -0.02 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

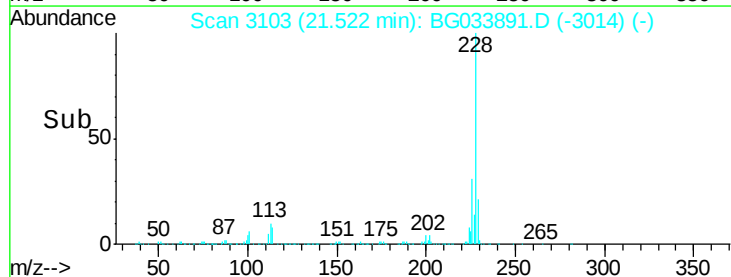
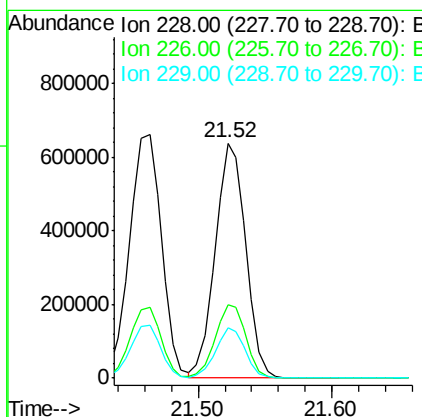
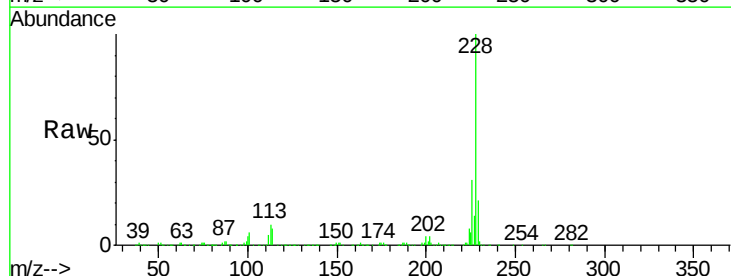
Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

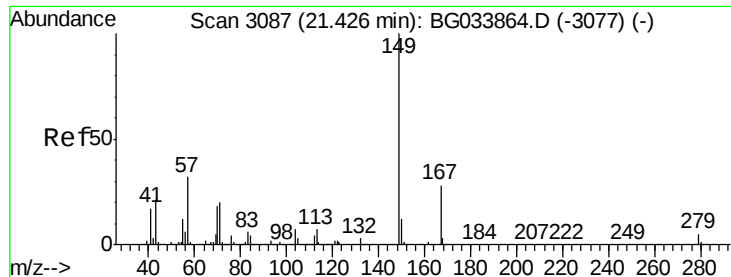
Tot Ion:252 Resp: 183290
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 9.8 7.4 11.2



#82
 Chrysene
 Concen: 34.617 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

Tgt Ion:228 Resp: 1022993
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.9 37.3
 229 21.5 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.110 ng

RT: 21.42 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PB108385BS

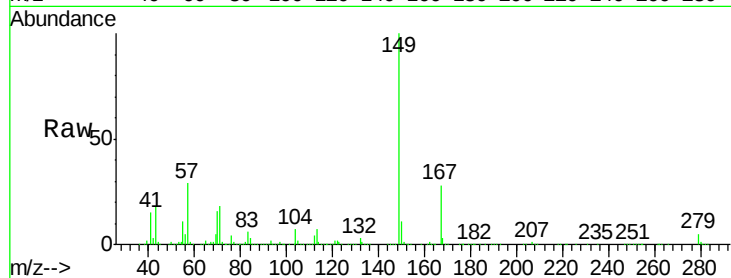
Tot Ion:149 Resp: 680961

Ion Ratio Lower Upper

149 100

167 28.2 24.3 36.5

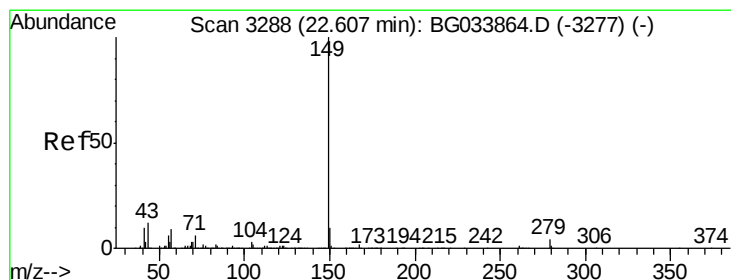
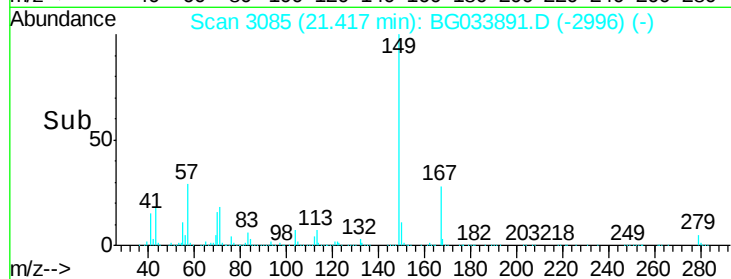
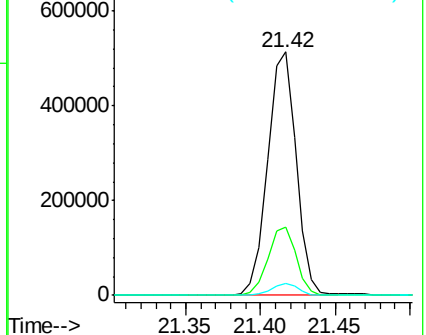
279 4.7 4.0 6.0



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: 36.714 ng

RT: 22.59 min Scan# 3284

Delta R.T. -0.02 min

Lab File: BG033891.D

Acq: 20 Apr 2018 18:14

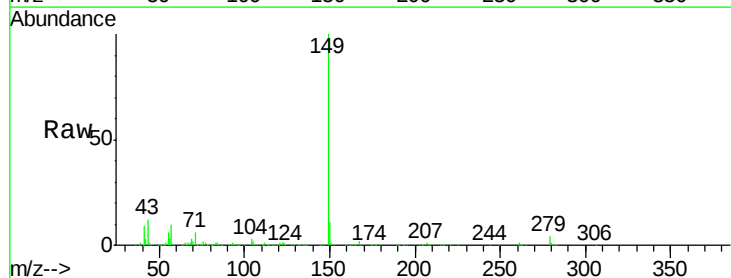
Tgt Ion:149 Resp: 1163357

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

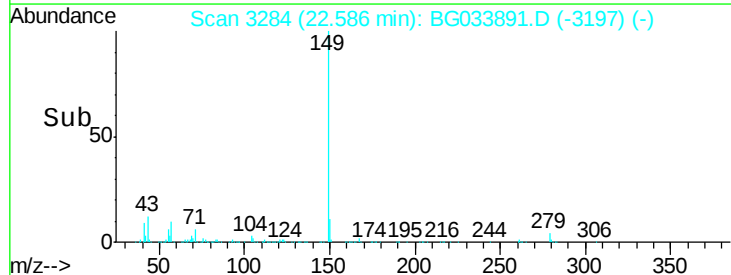
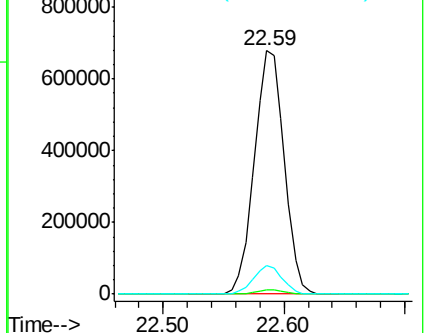
43 11.2 8.9 13.3

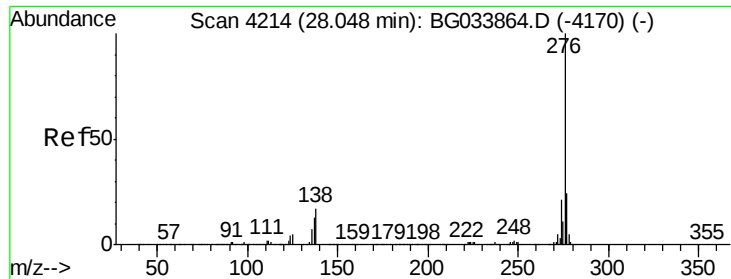


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

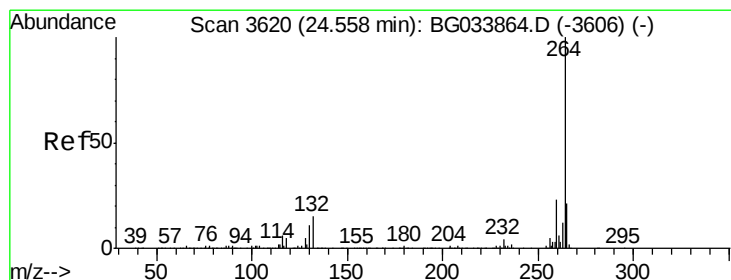
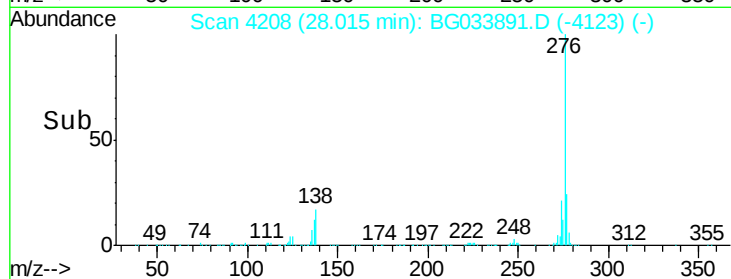
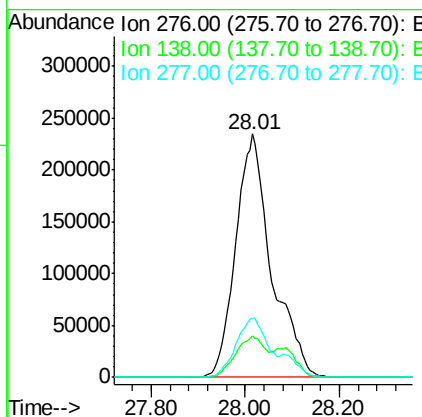
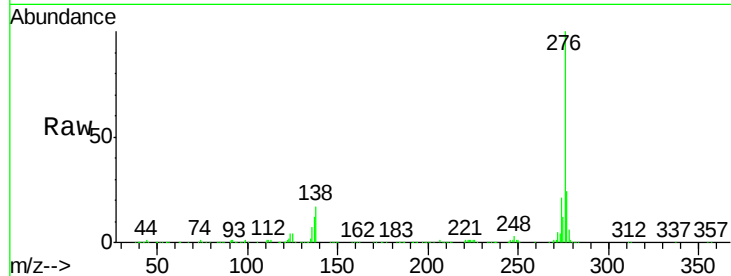




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.807 ng
 RT: 28.01 min Scan# 4208
 Delta R.T. -0.03 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

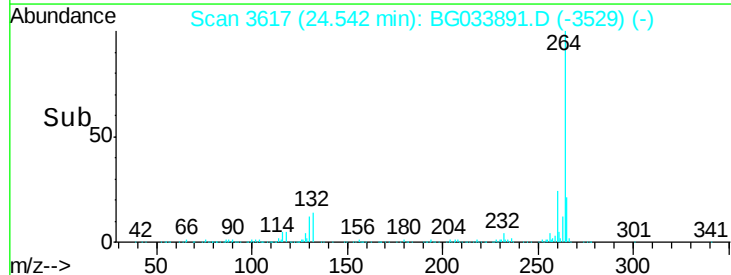
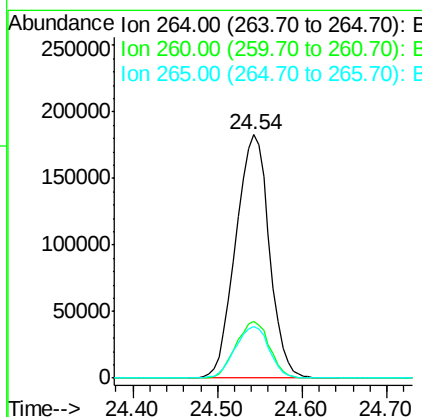
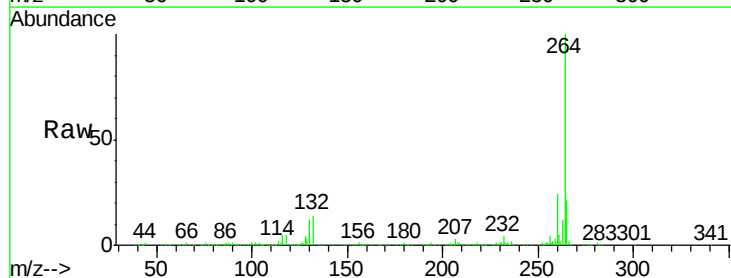
Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

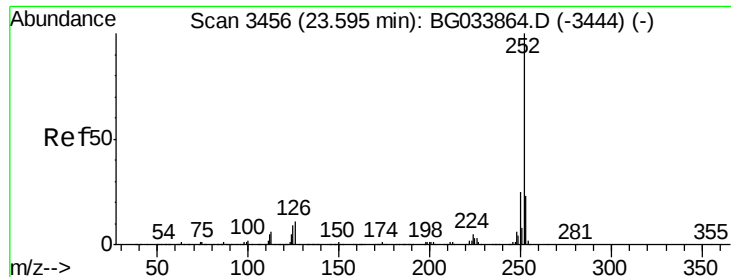
Tot Ion:276 Resp: 1238134
 Ion Ratio Lower Upper
 276 100
 138 13.8 16.0 24.0#
 277 21.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.54 min Scan# 3617
 Delta R.T. -0.02 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

Tgt Ion:264 Resp: 503199
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 21.2 17.7 26.5

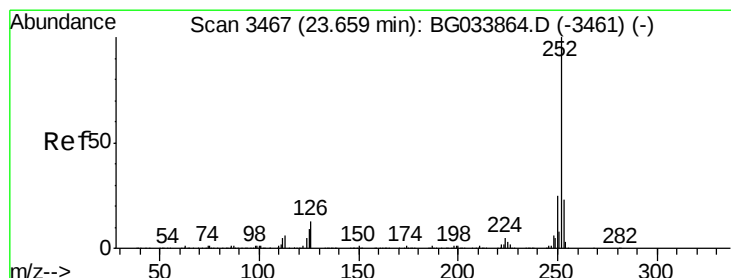
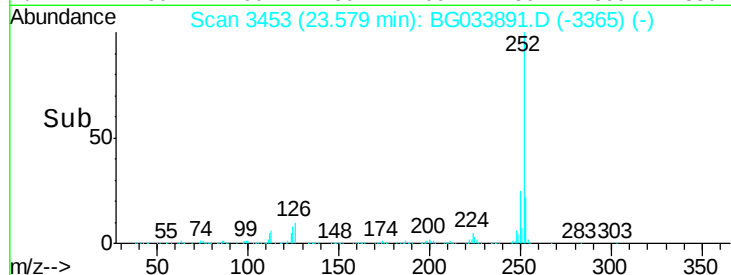
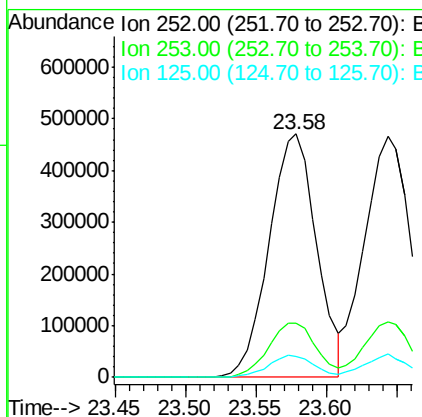
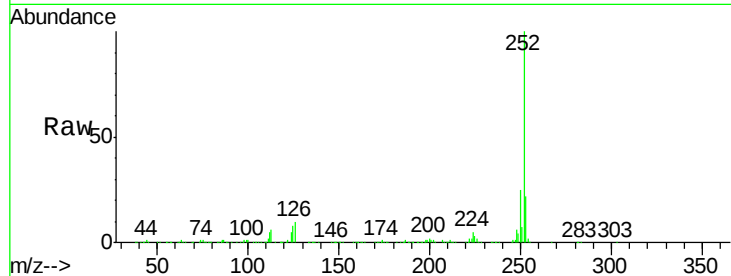




#87
Benzo(b)fluoranthene
Concen: 35.976 ng
RT: 23.58 min Scan# 3453
Delta R.T. -0.02 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

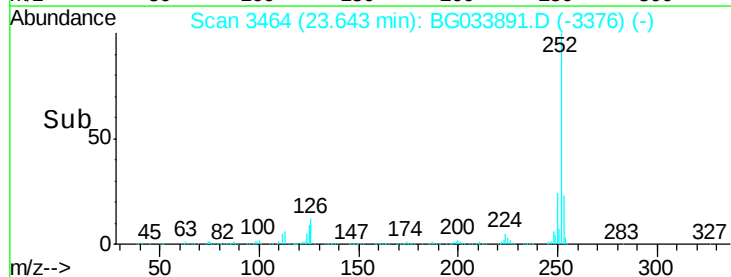
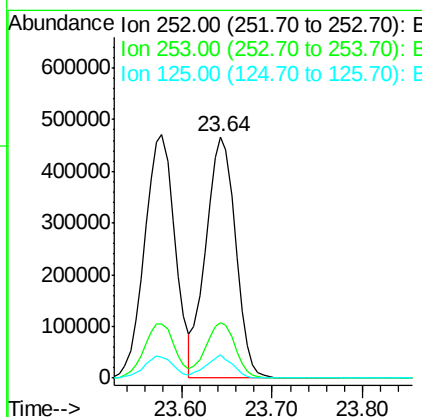
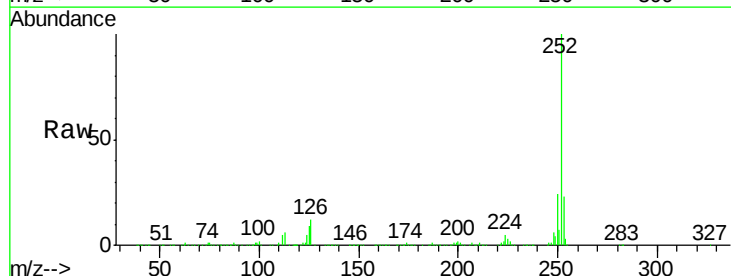
Instrument :
BNA_G
ClientSampleId :
PB108385BS

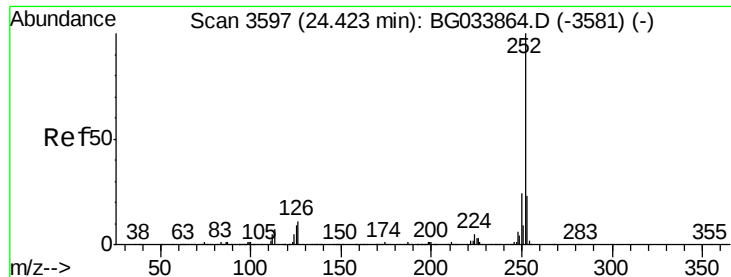
Tot Ion:252 Resp: 1104391
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 8.4 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 34.701 ng
RT: 23.64 min Scan# 3464
Delta R.T. -0.02 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:252 Resp: 1058138
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 9.5 6.6 9.8

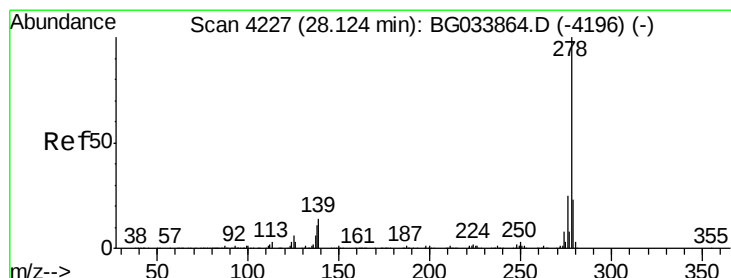
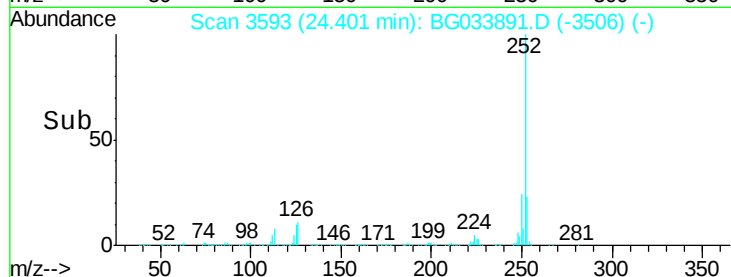
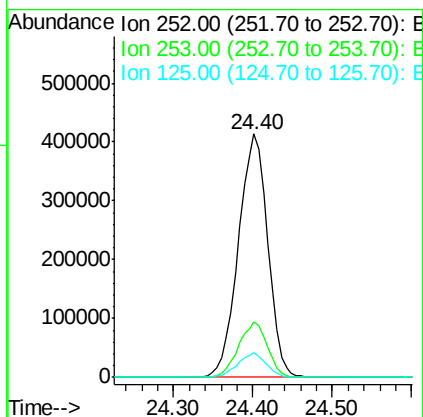
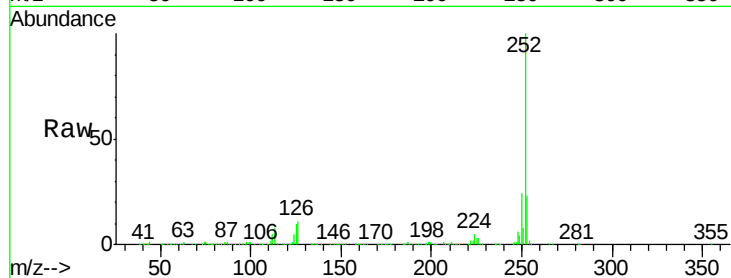




#89
Benzo(a)pyrene
Concen: 36.124 ng
RT: 24.40 min Scan# 3593
Delta R.T. -0.02 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

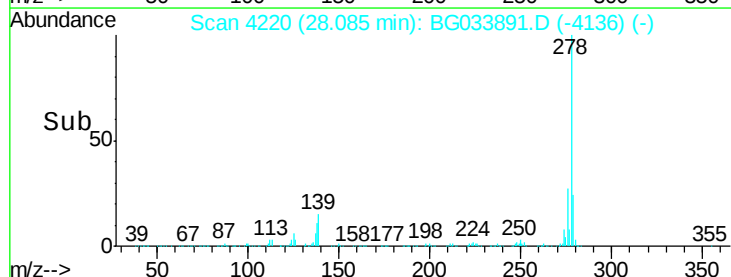
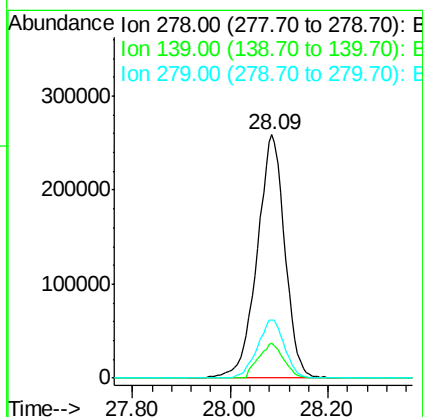
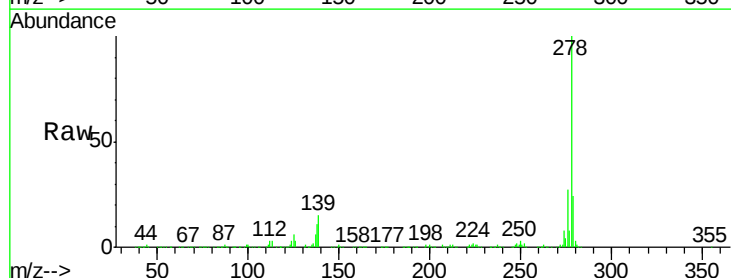
Instrument :
BNA_G
ClientSampleId :
PB108385BS

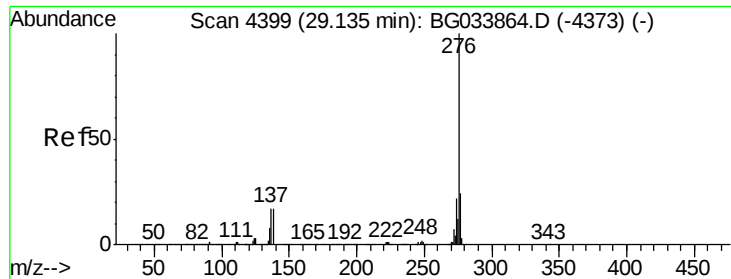
Tot Ion:252 Resp: 1062034
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 10.0 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 35.979 ng
RT: 28.09 min Scan# 4220
Delta R.T. -0.04 min
Lab File: BG033891.D
Acq: 20 Apr 2018 18:14

Tgt Ion:278 Resp: 1023530
Ion Ratio Lower Upper
278 100
139 14.6 9.8 14.6
279 23.8 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 36.613 ng
 RT: 29.09 min Scan# 4391
 Delta R.T. -0.05 min
 Lab File: BG033891.D
 Acq: 20 Apr 2018 18:14

Instrument :
 BNA_G
 ClientSampleId :
 PB108385BS

Tot Ion:276 Resp: 1024877
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.3 27.5
 138 18.2 13.9 20.9

