

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046138.D
 Acq On : 1 Aug 2020 00:53
 Operator : CG/JU
 Sample : PB130658BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Quant Time: Aug 01 01:38:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	86255	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	333560	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	211671	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	506684	20.00	ng	0.00
76) Chrysene-d12	21.57	240	593150	20.00	ng	0.00
86) Perylene-d12	24.67	264	638582	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	698920	140.86	ng	0.00
7) Phenol-d6	7.13	99	892825	132.03	ng	0.00
23) Nitrobenzene-d5	9.11	82	593025	96.26	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	455258	140.03	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1354397	92.95	ng	0.00
79) Terphenyl-d14	19.93	244	2233879	76.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	54936	24.325	ng	97
3) Pyridine	3.84	79	129043	20.756	ng	97
4) n-Nitrosodimethylamine	3.75	42	85342	32.253	ng	91
6) Aniline	7.28	93	232367	28.867	ng	99
8) 2-Chlorophenol	7.52	128	184357	33.616	ng	99
9) Benzaldehyde	7.09	77	132039	32.905	ng	91
10) Phenol	7.15	94	230944	33.990	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	173854	32.169	ng	98
12) 1,3-Dichlorobenzene	7.84	146	201091	30.251	ng	97
13) 1,4-Dichlorobenzene	7.99	146	200841	30.088	ng	100
14) 1,2-Dichlorobenzene	8.31	146	199417	31.677	ng	99
15) Benzyl Alcohol	8.19	79	160313	34.316	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	296993	33.519	ng	99
17) 2-Methylphenol	8.40	107	161930	35.302	ng	98
18) Hexachloroethane	9.04	117	71360	31.965	ng	96
19) n-Nitroso-di-n-propylamine	8.75	70	142557	32.392	ng	95
20) 3+4-Methylphenols	8.72	107	220939	35.191	ng	96
22) Acetophenone	8.77	105	268933	31.416	ng	# 99
24) Nitrobenzene	9.15	77	199297	30.342	ng	99
25) Isophorone	9.68	82	383652	31.296	ng	99
26) 2-Nitrophenol	9.86	139	98468	33.077	ng	99
27) 2,4-Dimethylphenol	9.92	122	174502	36.030	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	234306	35.151	ng	99
29) 2,4-Dichlorophenol	10.40	162	190779	33.486	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	201667	30.216	ng	96
31) Naphthalene	10.80	128	545702	30.919	ng	99
32) Benzoic acid	10.05	122	88871	29.476	ng	99
33) 4-Chloroaniline	10.90	127	187586	26.010	ng	98
34) Hexachlorobutadiene	11.10	225	129872	29.231	ng	100
35) Caprolactam	11.66	113	29338	15.733	ng	# 80
36) 4-Chloro-3-methylphenol	12.03	107	195424	34.953	ng	99
37) 2-Methylnaphthalene	12.41	142	429201	31.604	ng	99
38) 1-Methylnaphthalene	12.63	142	406868	31.660	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	235039	30.818	ng	# 99

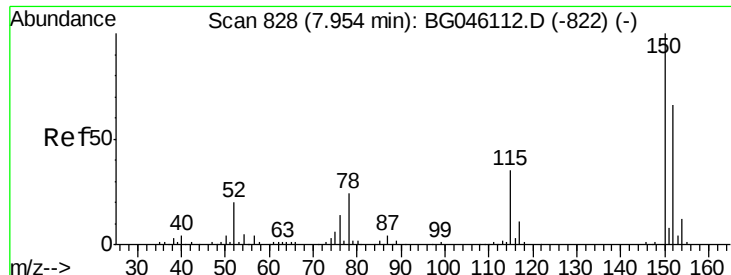
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
 Data File : BG046138.D
 Acq On : 1 Aug 2020 00:53
 Operator : CG/JU
 Sample : PB130658BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Quant Time: Aug 01 01:38:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	329983	75.433	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	163297	33.561	ng	94
44) 2,4,5-Trichlorophenol	13.08	196	179999	33.905	ng	97
46) 1,1'-Biphenyl	13.41	154	545713	32.865	ng	97
47) 2-Chloronaphthalene	13.45	162	420622	31.757	ng	98
48) 2-Nitroaniline	13.65	65	128534	37.022	ng	96
49) Acenaphthylene	14.30	152	688528	33.477	ng	98
50) Dimethylphthalate	14.04	163	561251	34.547	ng	98
51) 2,6-Dinitrotoluene	14.15	165	125222	33.119	ng	96
52) Acenaphthene	14.65	154	469425	34.583	ng	99
53) 3-Nitroaniline	14.47	138	103891	27.716	ng	100
54) 2,4-Dinitrophenol	14.68	184	110177	48.998	ng	# 86
55) Dibenzofuran	14.98	168	665433	32.488	ng	99
56) 4-Nitrophenol	14.79	139	243122	74.706	ng	92
57) 2,4-Dinitrotoluene	14.93	165	178409	34.319	ng	98
58) Fluorene	15.63	166	550732	33.202	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	179387	35.873	ng	98
60) Diethylphthalate	15.40	149	560271	35.057	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	290783	33.565	ng	99
62) 4-Nitroaniline	15.64	138	139862	37.100	ng	97
63) Azobenzene	15.92	77	514004	34.318	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	101331	30.239	ng	98
66) n-Nitrosodiphenylamine	15.83	169	499932	32.596	ng	98
67) 4-Bromophenyl-phenylether	16.52	248	202719	32.385	ng	97
68) Hexachlorobenzene	16.63	284	227559	32.420	ng	99
69) Atrazine	16.78	200	184808	31.292	ng	98
70) Pentachlorophenol	16.97	266	313387	68.812	ng	99
71) Phenanthrene	17.36	178	926092	33.366	ng	98
72) Anthracene	17.46	178	949457	34.391	ng	99
73) Carbazole	17.72	167	916004	34.409	ng	100
74) Di-n-butylphthalate	18.30	149	1036629	37.254	ng	100
75) Fluoranthene	19.37	202	1233902	35.609	ng	98
77) Benzidine	19.55	184	750974	44.697	ng	99
78) Pyrene	19.73	202	1251629	31.405	ng	99
80) Butylbenzylphthalate	20.63	149	523905	36.289	ng	99
81) Benzo(a)anthracene	21.55	228	1297877	32.697	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	381315	23.133	ng	100
83) Chrysene	21.62	228	1257510	32.340	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	752103	36.439	ng	98
85) Di-n-octyl phthalate	22.66	149	1279912	36.624	ng	98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1650306	33.886	ng	99
88) Benzo(b)fluoranthene	23.70	252	1414690	33.059	ng	99
89) Benzo(k)fluoranthene	23.77	252	1365416	32.531	ng	98
90) Benzo(a)pyrene	24.53	252	1304478	32.760	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1342284	32.969	ng	99
92) Benzo(g,h,i)perylene	29.29	276	1386193	33.713	ng	99

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

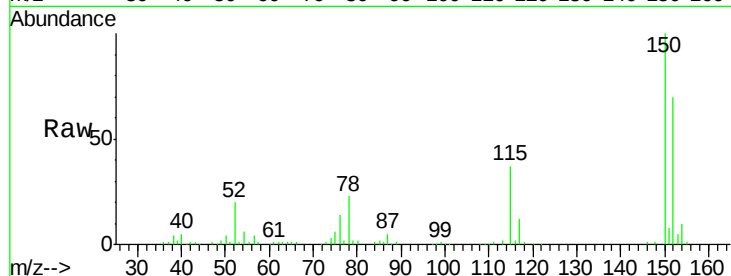


#1

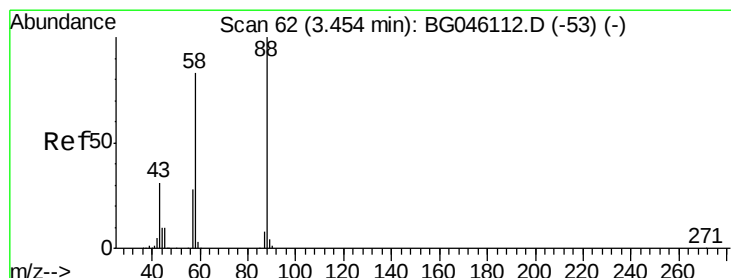
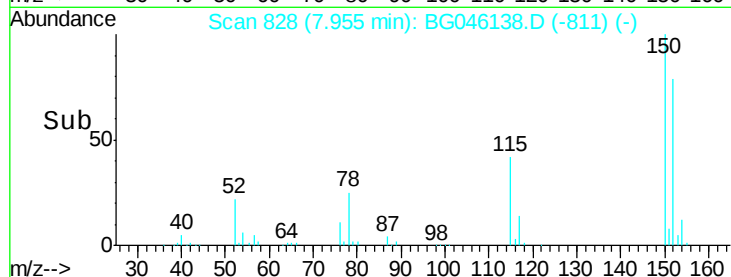
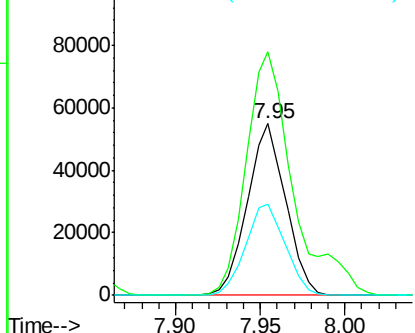
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion	152	Resp	86255
Ion Ratio	100	Lower	Upper
150	141.8	122.1	183.1
115	53.0	43.2	64.8



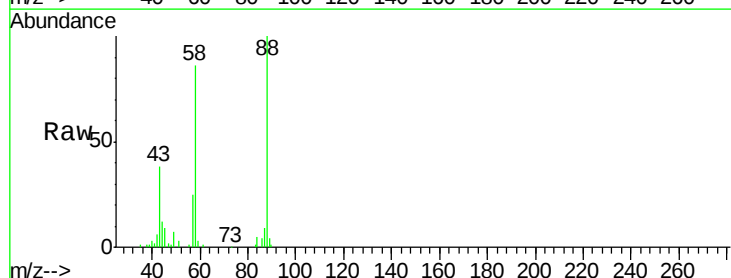
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



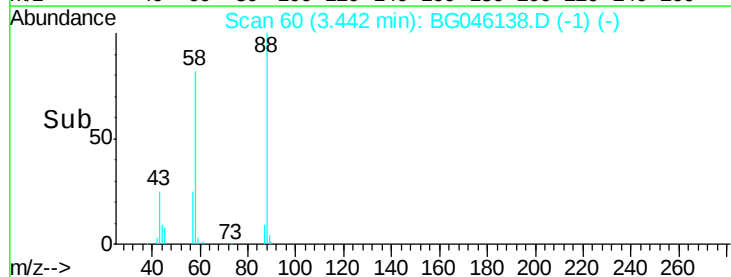
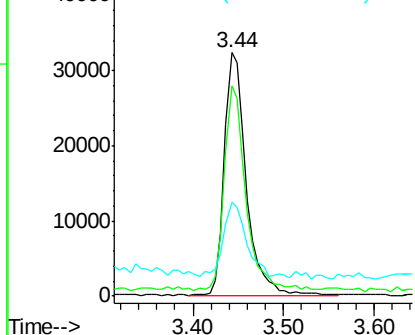
#2

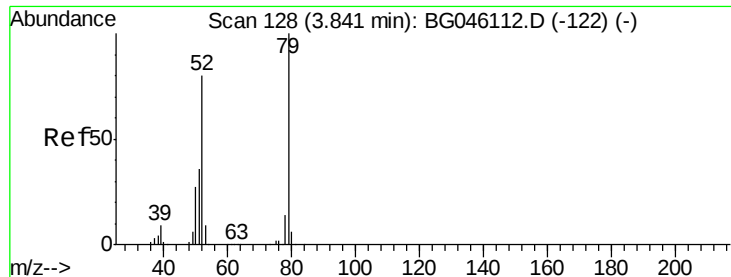
1,4-Dioxane
Concen: 24.325 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	88	Resp	54936
Ion Ratio	100	Lower	Upper
58	80.7	66.5	99.7
43	32.0	23.8	35.8



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: 20.756 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

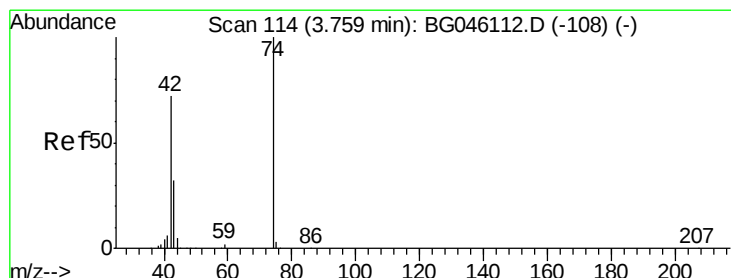
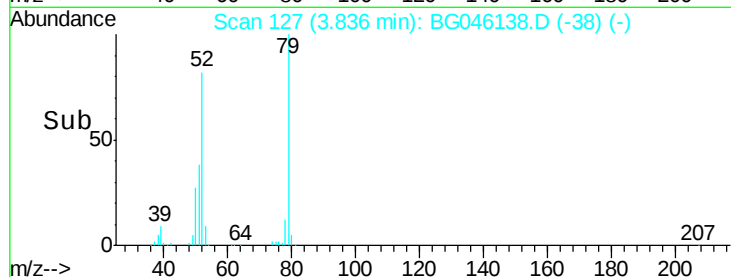
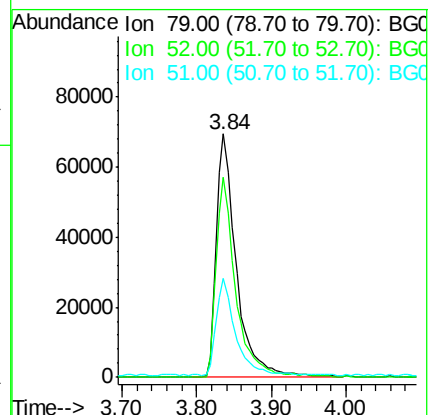
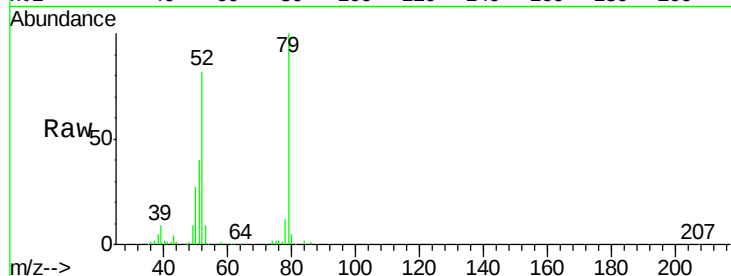
Tot Ion: 79 Resp: 129043

Ion Ratio Lower Upper

79 100

52 82.2 64.3 96.5

51 40.4 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 32.253 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

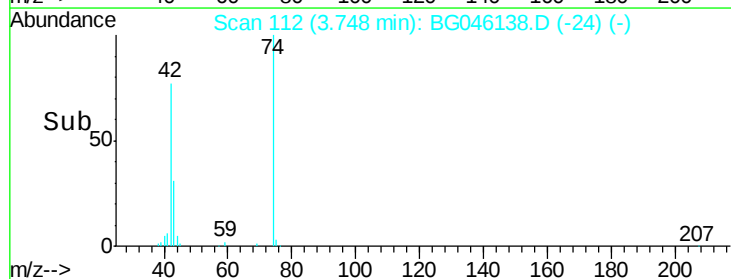
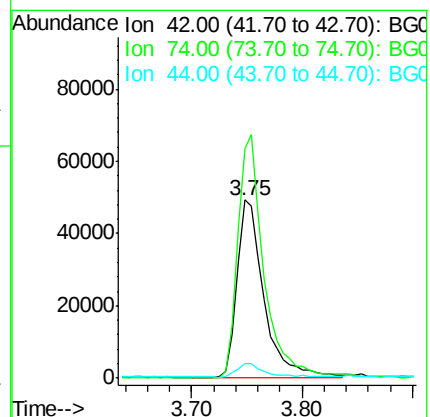
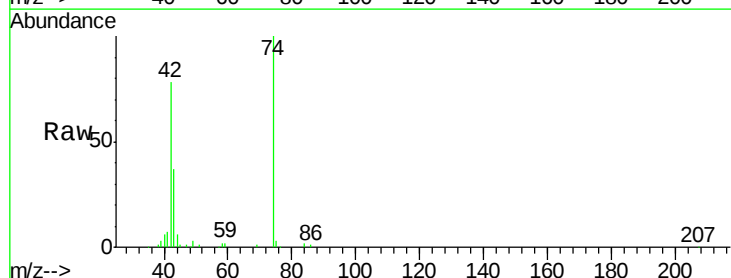
Tgt Ion: 42 Resp: 85342

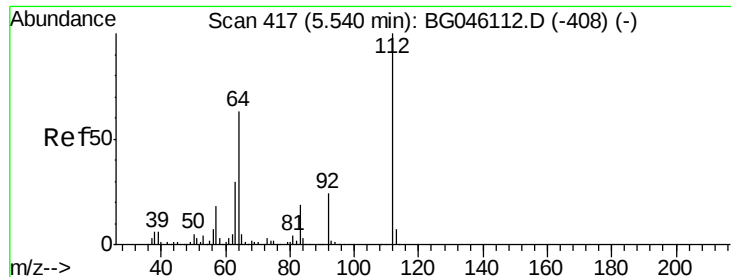
Ion Ratio Lower Upper

42 100

74 128.5 111.6 167.4

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 140.859 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

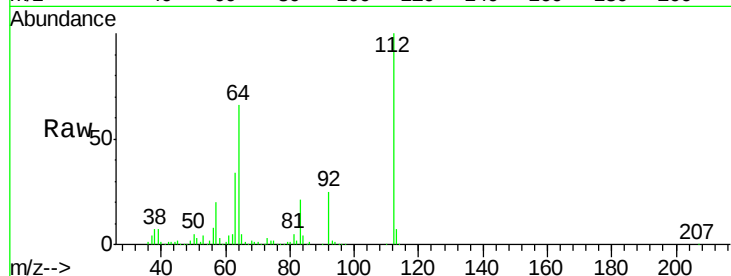
Tot Ion:112 Resp: 698920

Ion Ratio Lower Upper

112 100

64 66.5 50.2 75.2

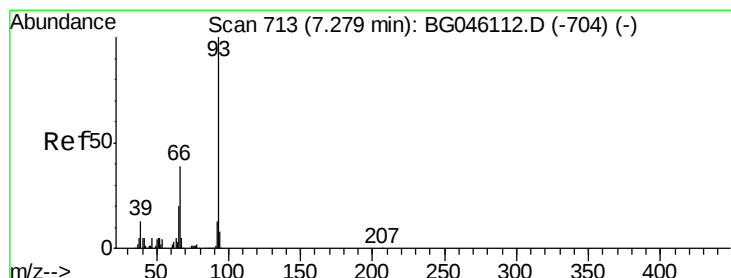
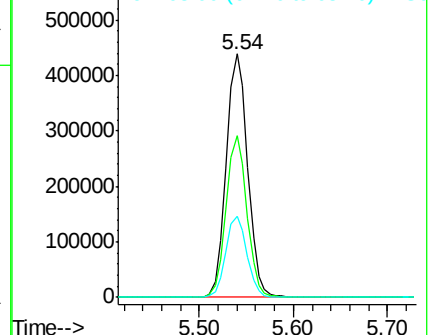
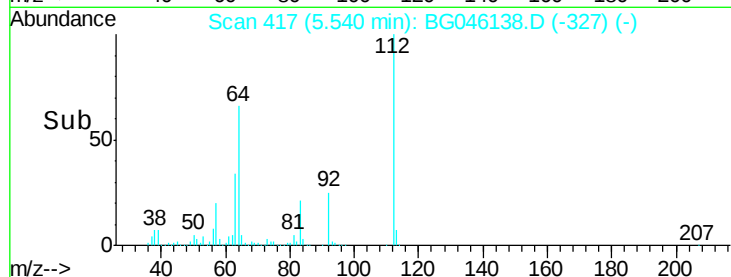
63 33.5 24.2 36.4



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: 28.867 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

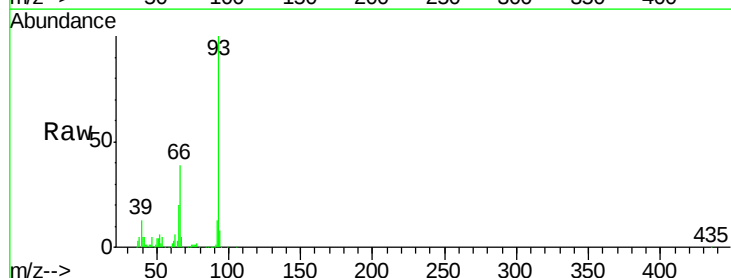
Tgt Ion: 93 Resp: 232367

Ion Ratio Lower Upper

93 100

66 39.4 31.0 46.4

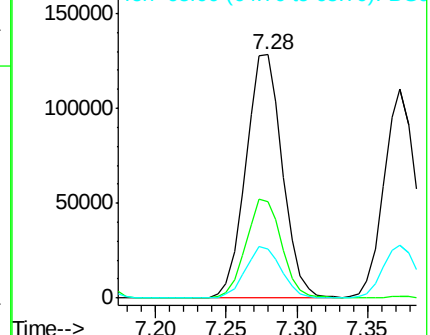
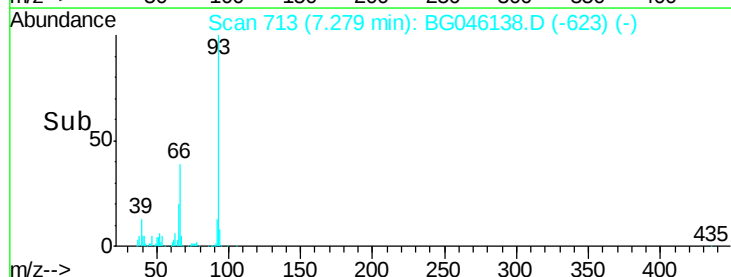
65 19.9 15.9 23.9

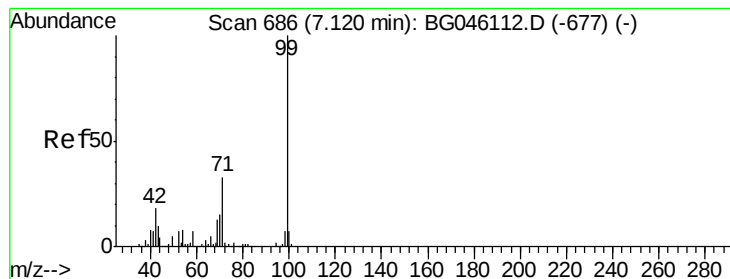


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.030 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

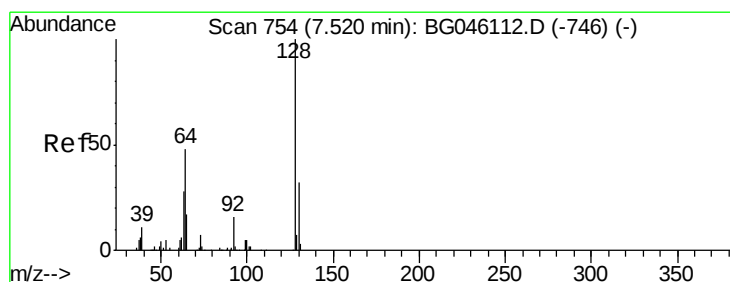
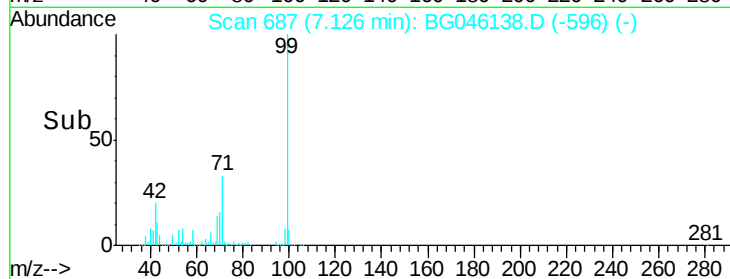
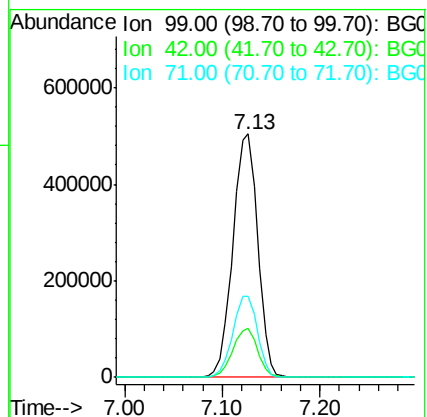
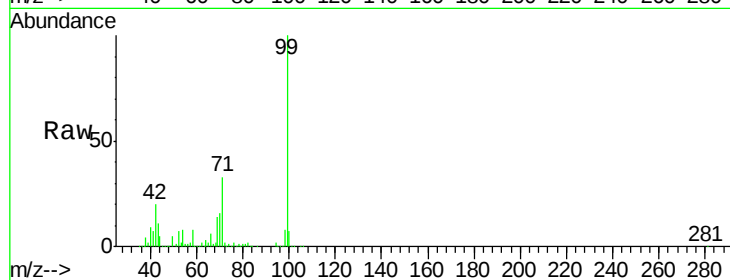
Tot Ion: 99 Resp: 892825

Ion Ratio Lower Upper

99 100

42 20.4 14.7 22.1

71 33.4 26.5 39.7



#8

2-Chlorophenol

Concen: 33.616 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

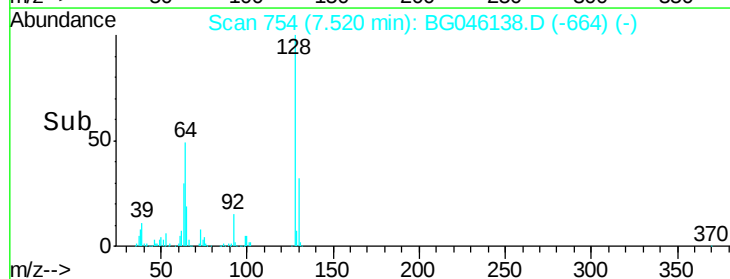
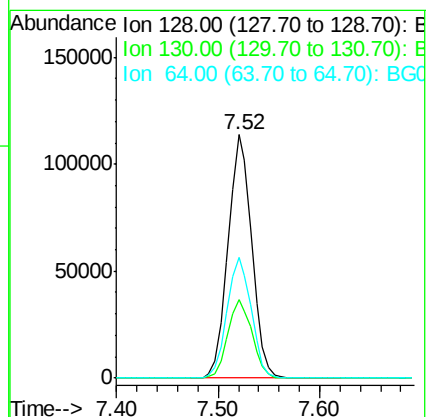
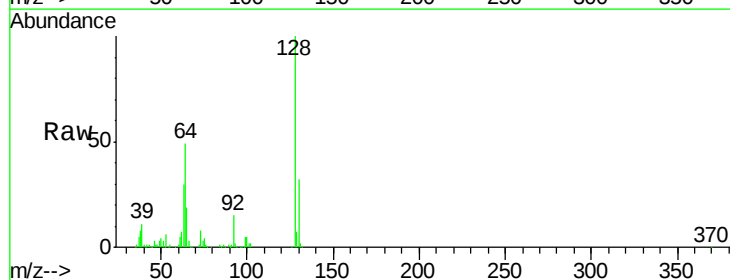
Tgt Ion:128 Resp: 184357

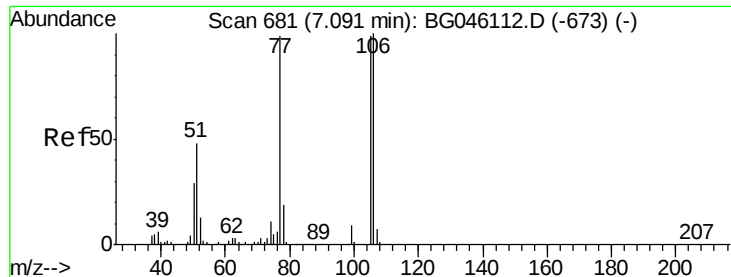
Ion Ratio Lower Upper

128 100

130 32.1 11.6 51.6

64 49.5 30.6 70.6





#9

Benzaldehyde

Concen: 32.905 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

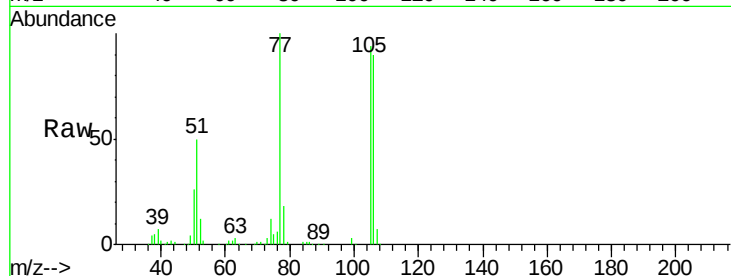
Tot Ion: 77 Resp: 132039

Ion Ratio Lower Upper

77 100

105 94.1 80.3 120.3

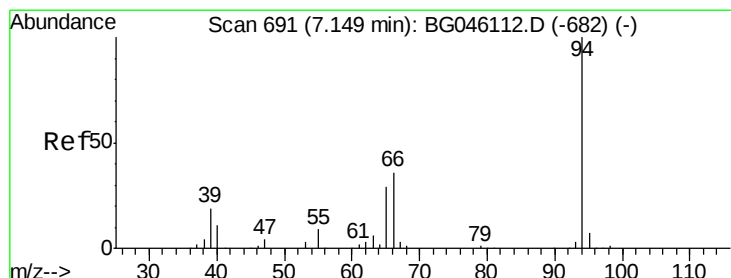
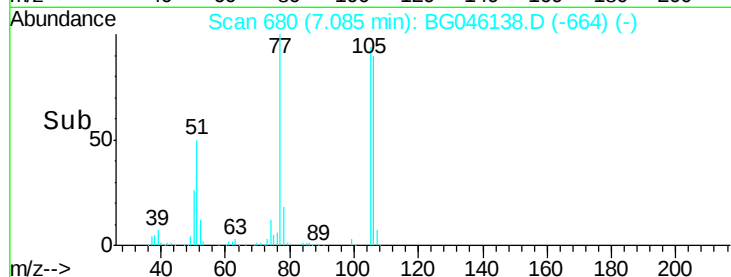
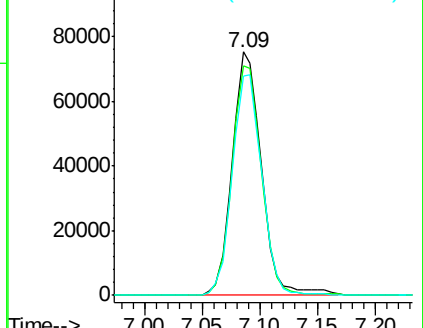
106 90.0 81.5 121.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 33.990 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

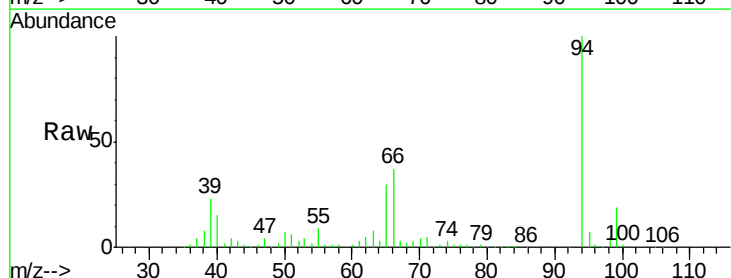
Tgt Ion: 94 Resp: 230944

Ion Ratio Lower Upper

94 100

65 29.5 9.6 49.6

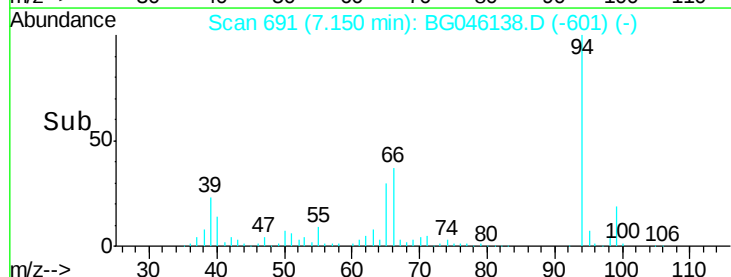
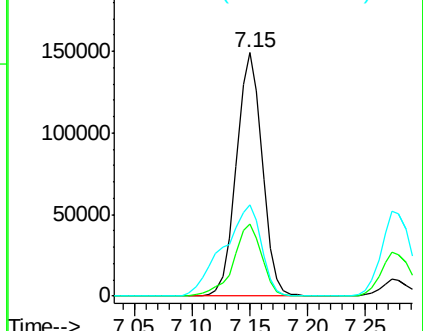
66 37.4 16.3 56.3

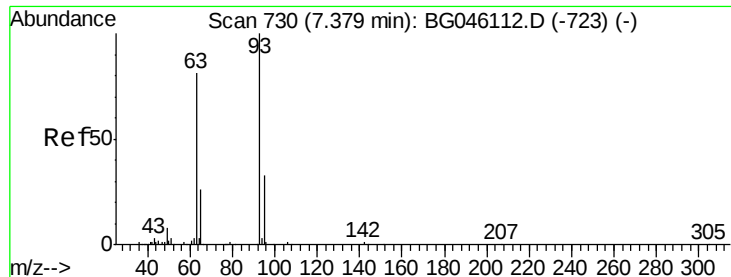


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 32.169 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

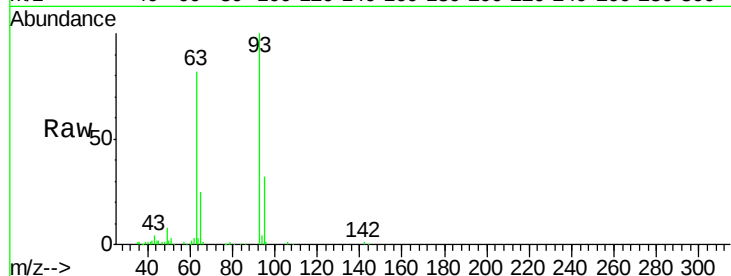
Tot Ion: 93 Resp: 173854

Ion Ratio Lower Upper

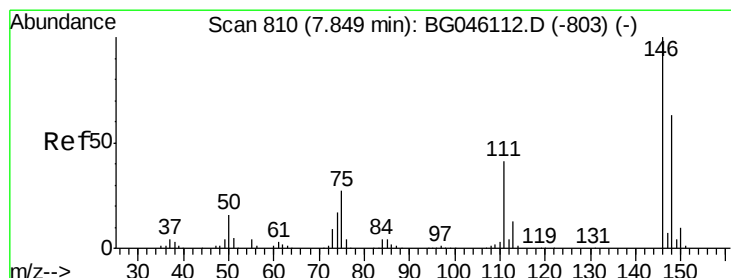
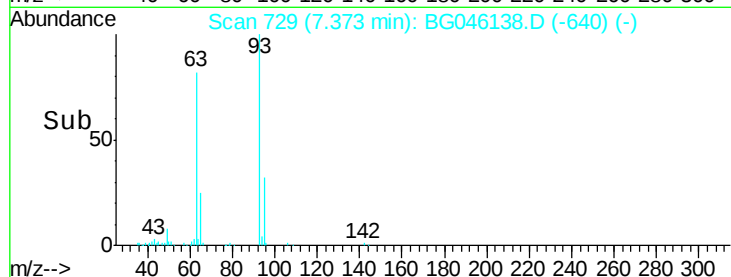
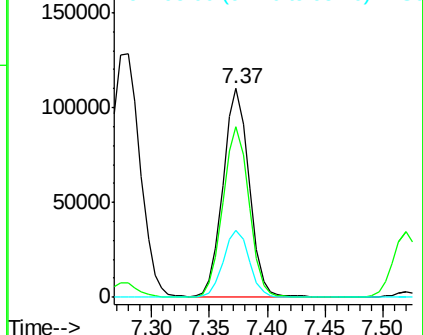
93 100

63 81.8 60.0 100.0

95 32.4 12.6 52.6



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: 30.251 ng

RT: 7.84 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

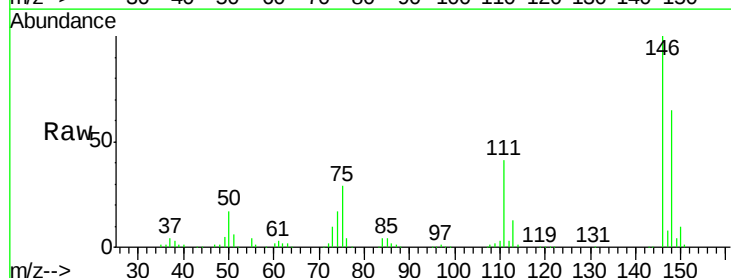
Tgt Ion: 146 Resp: 201091

Ion Ratio Lower Upper

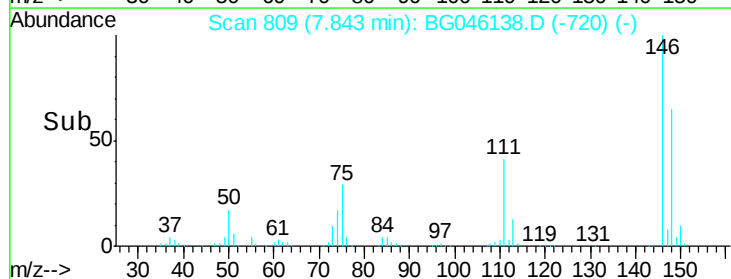
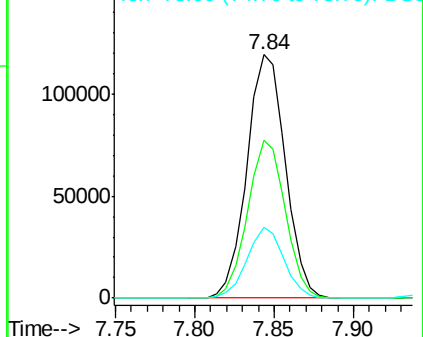
146 100

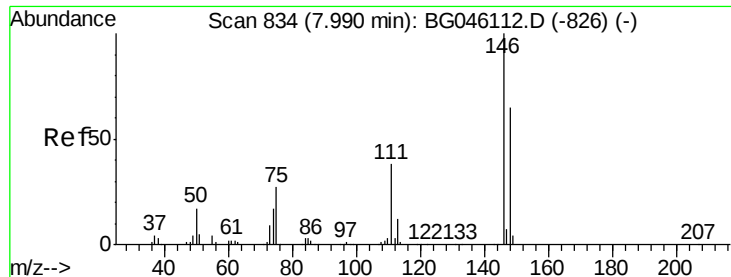
148 64.9 50.5 75.7

75 28.9 21.6 32.4



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: 30.088 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

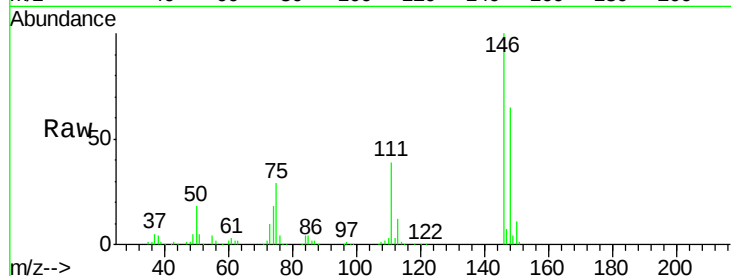
Tot Ion:146 Resp: 200841

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

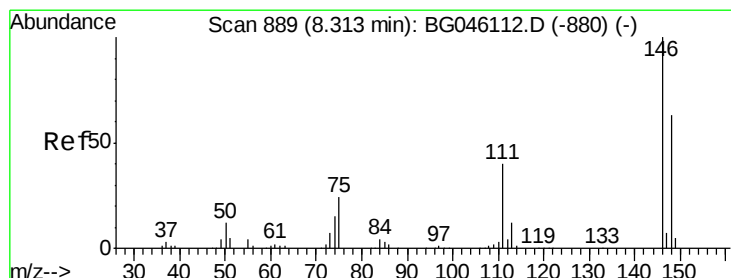
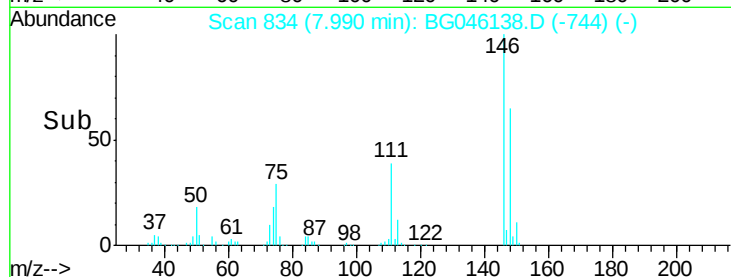
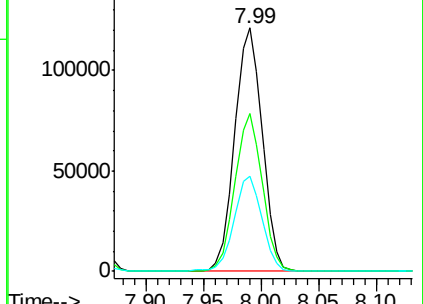
111 38.9 30.7 46.1



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: 31.677 ng

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

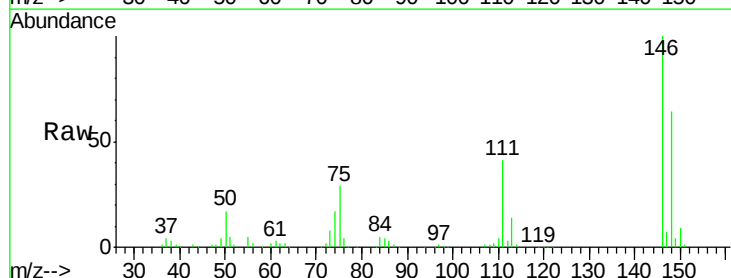
Tgt Ion:146 Resp: 199417

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

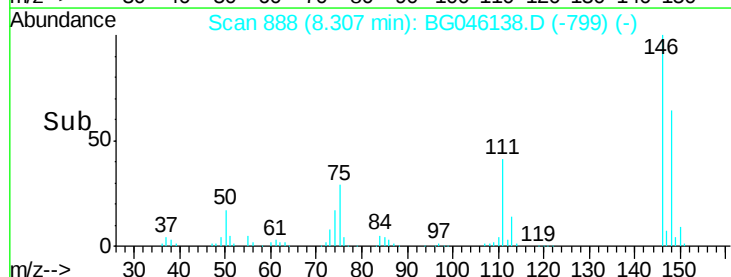
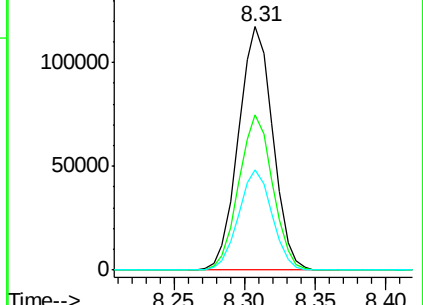
111 41.4 32.4 48.6

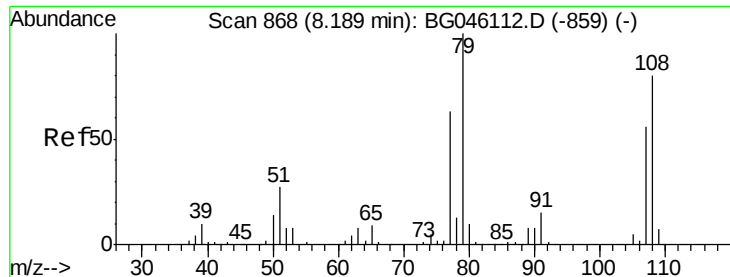


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.316 ng

RT: 8.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

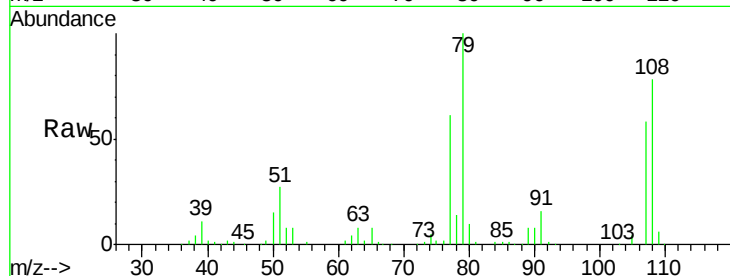
Tot Ion: 79 Resp: 160313

Ion Ratio Lower Upper

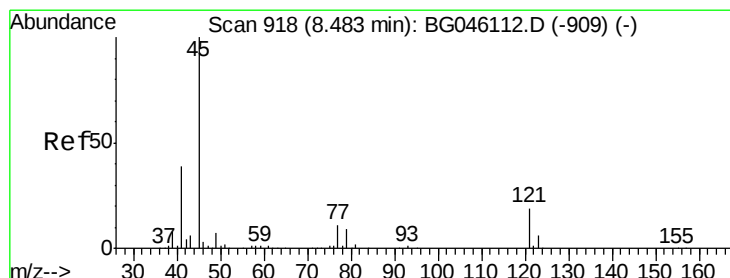
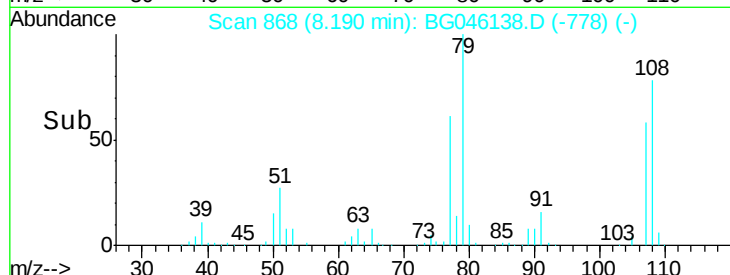
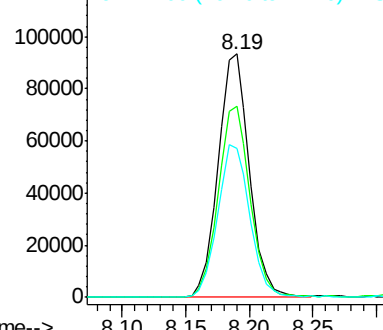
79 100

108 78.4 64.1 96.1

77 61.1 50.2 75.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.519 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

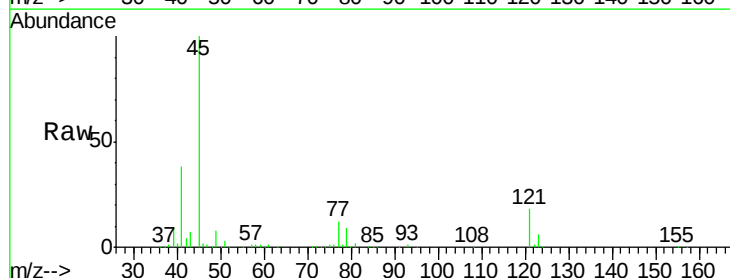
Tgt Ion: 45 Resp: 296993

Ion Ratio Lower Upper

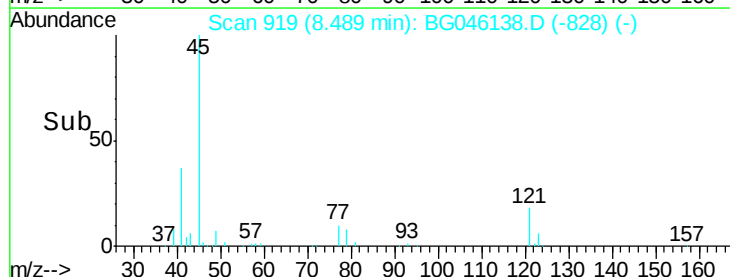
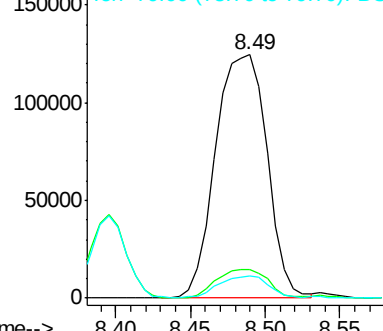
45 100

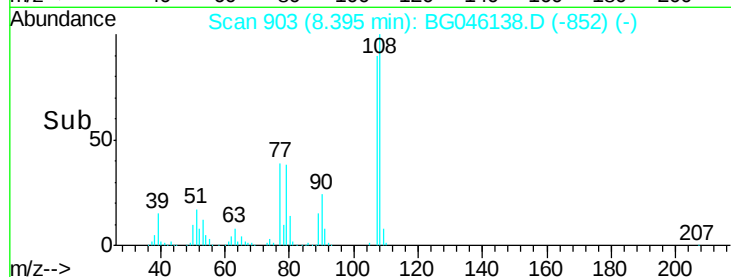
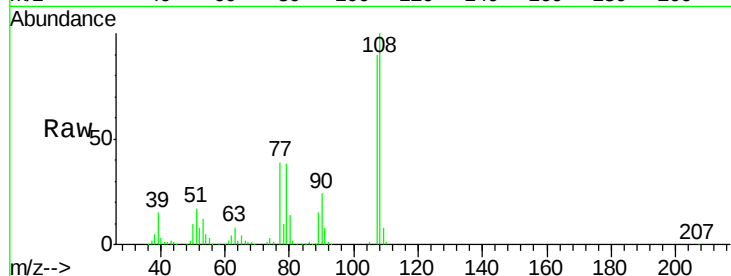
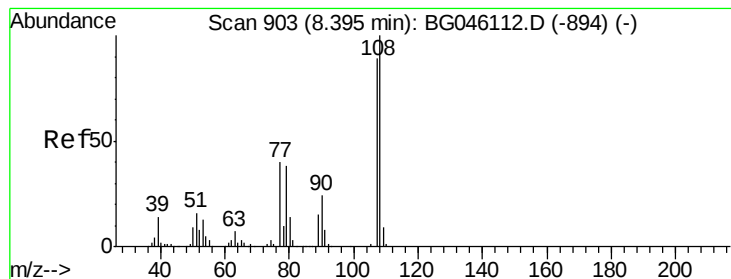
77 11.5 0.0 31.9

79 9.0 0.0 29.5



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





#17

2-Methylphenol

Concen: 35.302 ng

RT: 8.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

Tot Ion:107 Resp: 161930

Ion Ratio Lower Upper

107 100

108 110.8 90.0 135.0

77 43.1 35.6 53.4

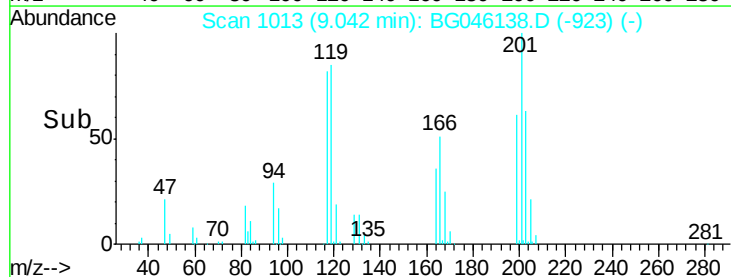
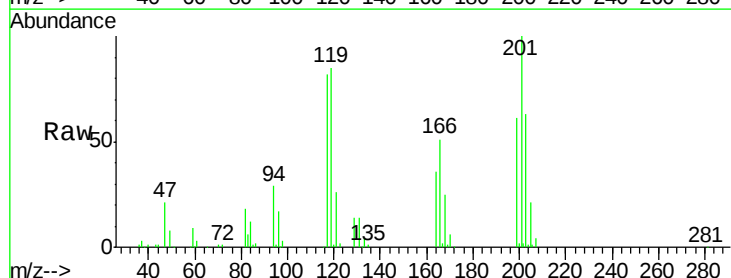
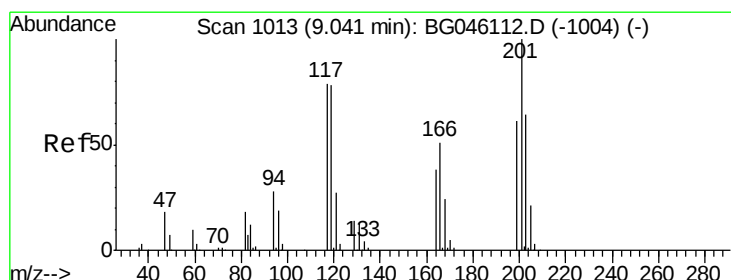
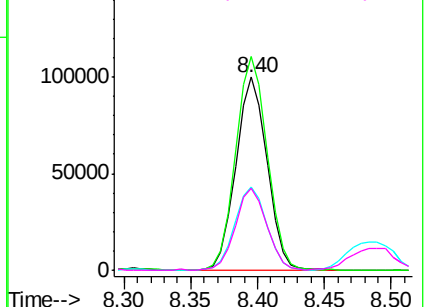
79 42.5 34.4 51.6

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: 31.965 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:117 Resp: 71360

Ion Ratio Lower Upper

117 100

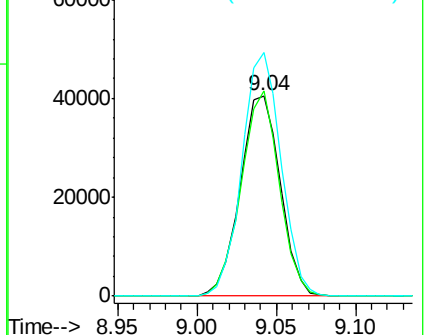
119 102.6 78.5 117.7

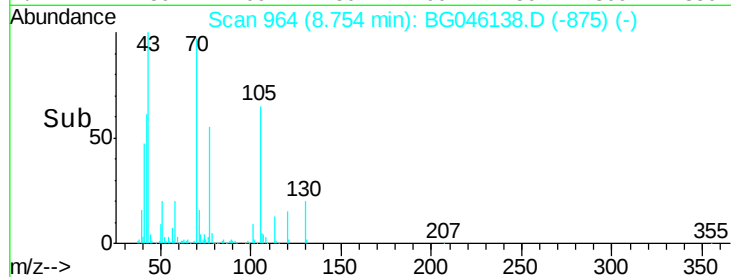
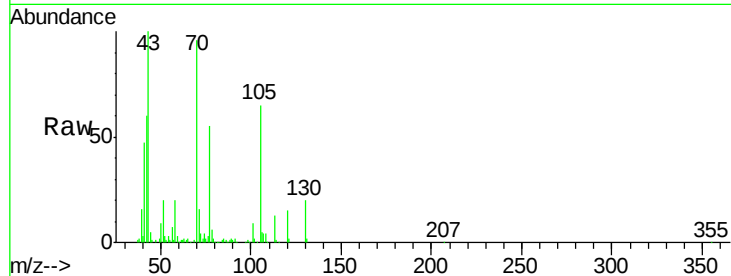
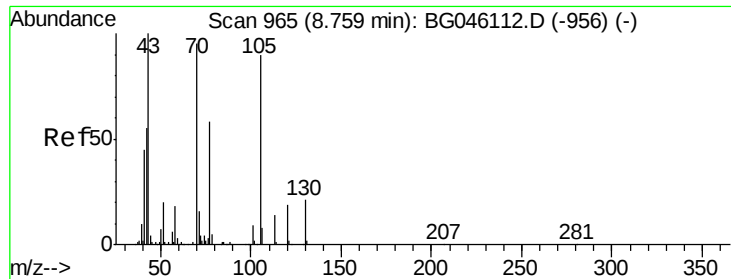
201 121.4 101.0 151.4

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

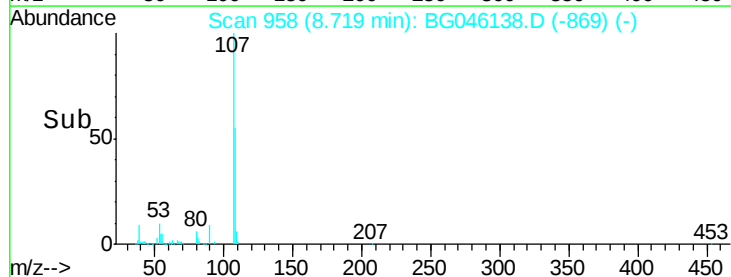
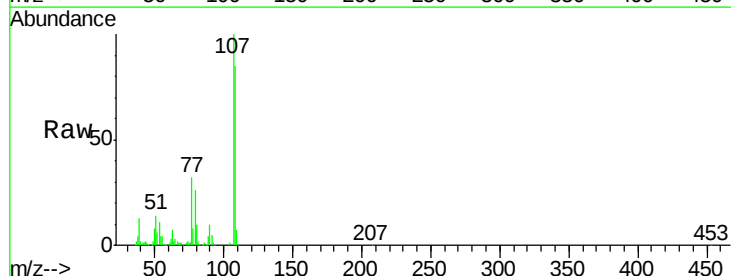
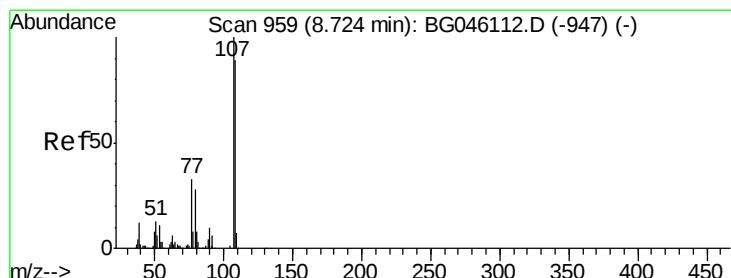
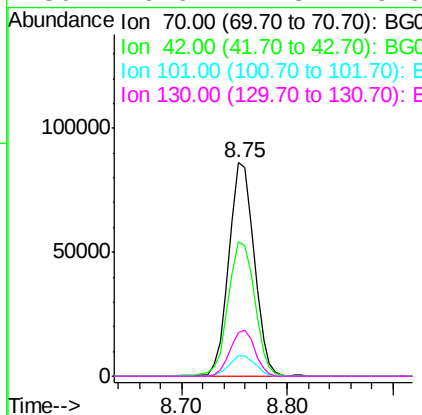




#19
n-Nitroso-di-n-propylamine
Concen: 32.392 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

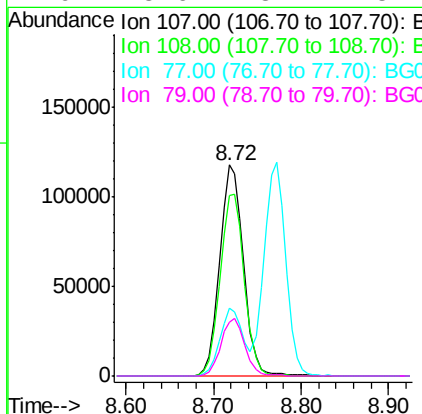
Instrument :
BNA_G
ClientSampleId :
PB130658BS

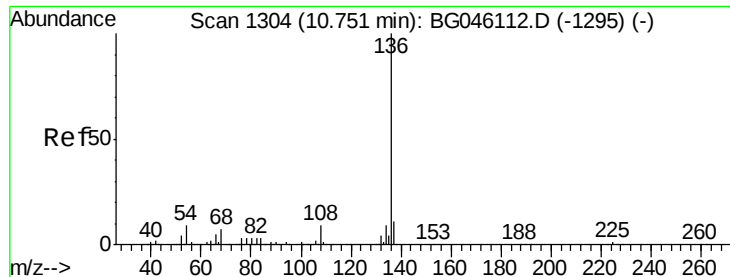
Tot Ion:	70	Resp:	142557
Ion	Ratio	Lower	Upper
70	100		
42	63.0	46.5	69.7
101	9.7	7.6	11.4
130	20.6	17.3	25.9



#20
3+4-Methylphenols
Concen: 35.191 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:	107	Resp:	220939
Ion	Ratio	Lower	Upper
107	100		
108	85.4	69.1	109.1
77	32.0	12.5	52.5
79	25.6	8.4	48.4

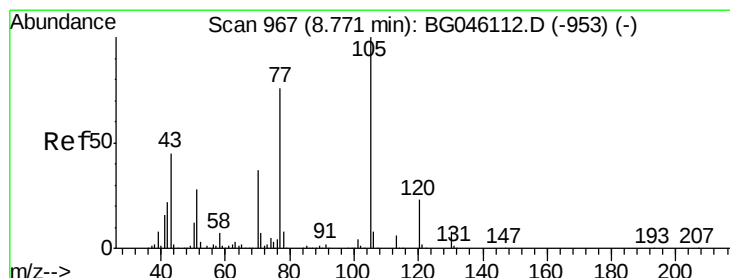
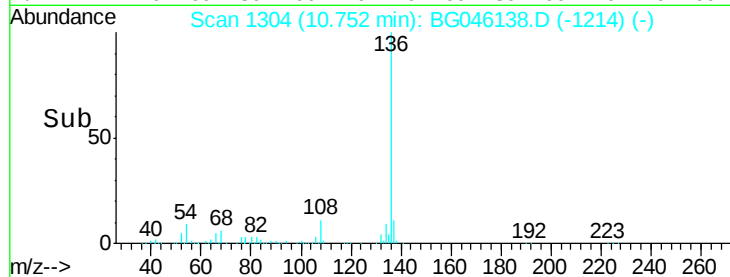
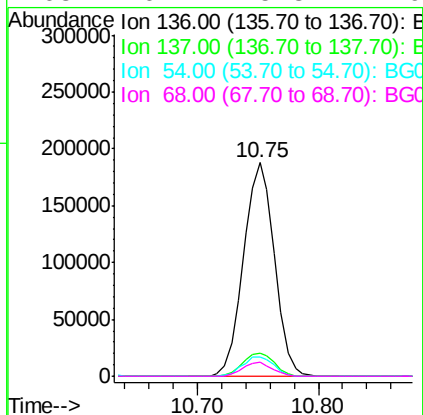
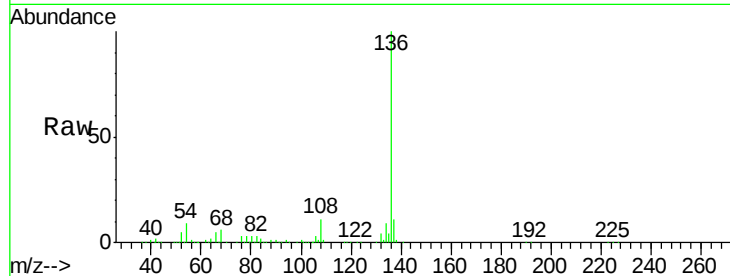




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

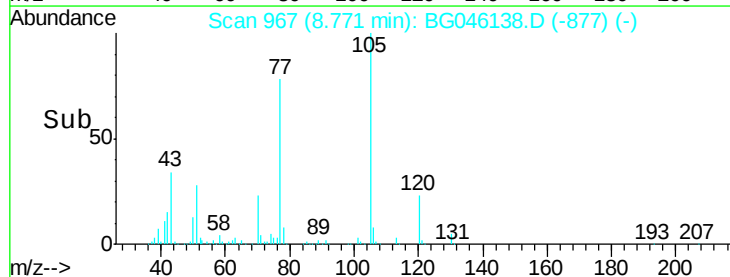
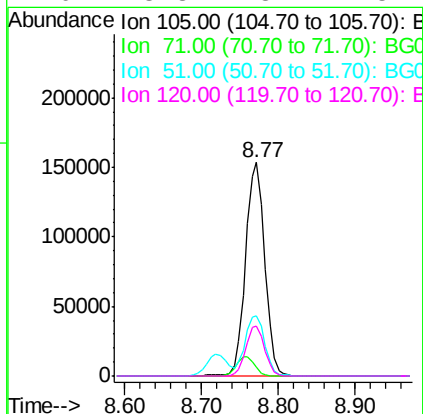
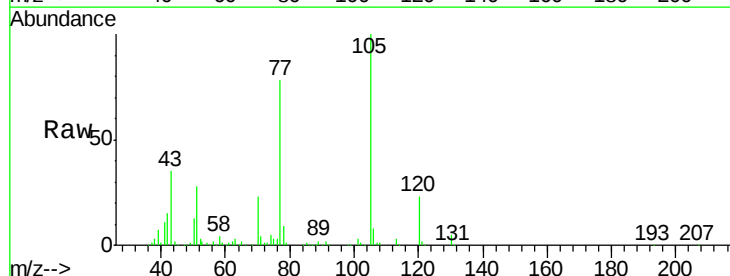
Instrument :
BNA_G
ClientSampleId :
PB130658BS

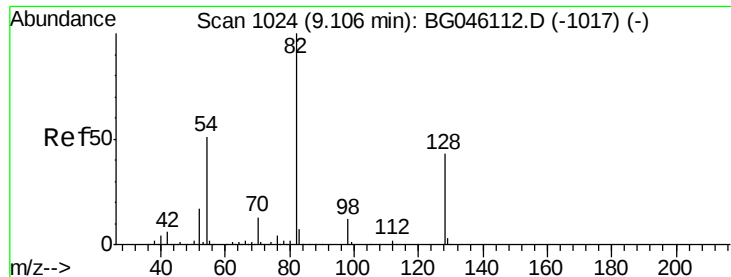
Tot Ion:136	Resp:	333560	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 9.3	7.0	10.4	
68 6.4	5.3	7.9	



#22
Acetophenone
Concen: 31.416 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt	Ion:105	Resp:	268933
Ion	Ratio	Lower	Upper
105	100		
71	3.9	5.3	7.9#
51	28.1	22.7	34.1
120	23.3	18.7	28.1

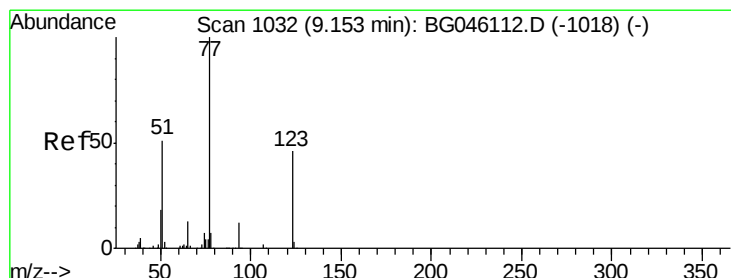
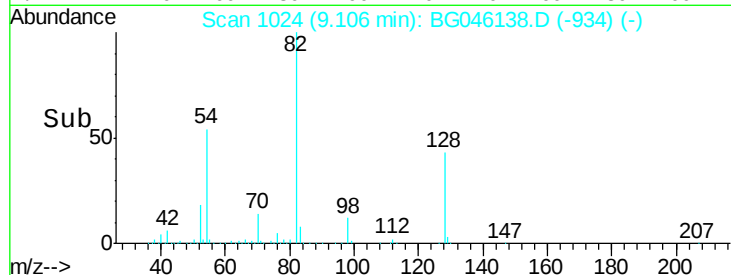
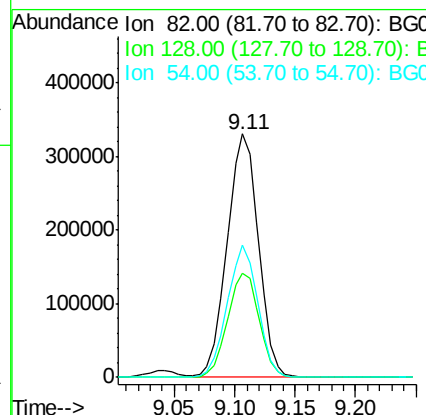
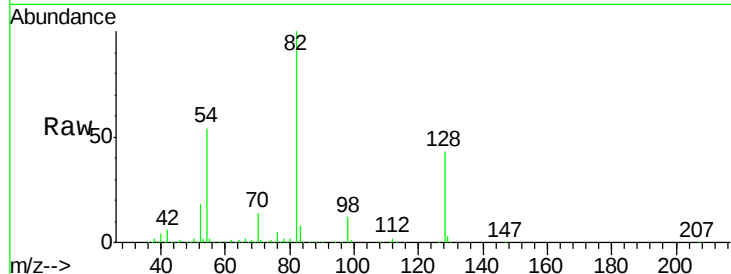




#23
 Nitrobenzene-d5
 Concen: 96.259 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

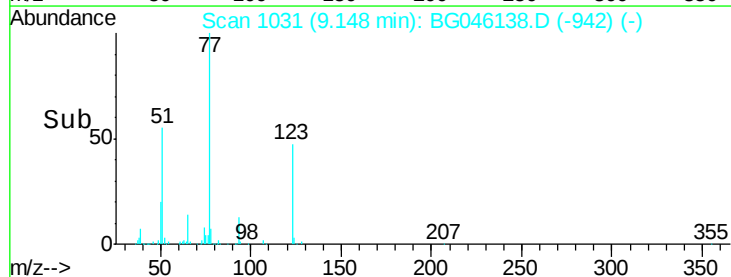
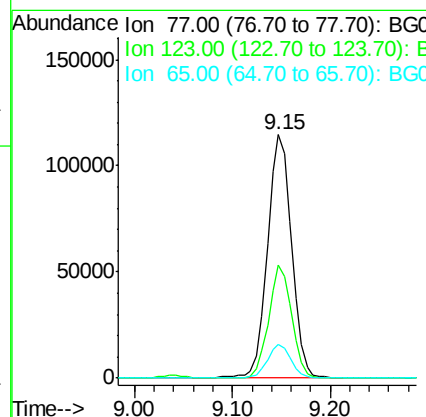
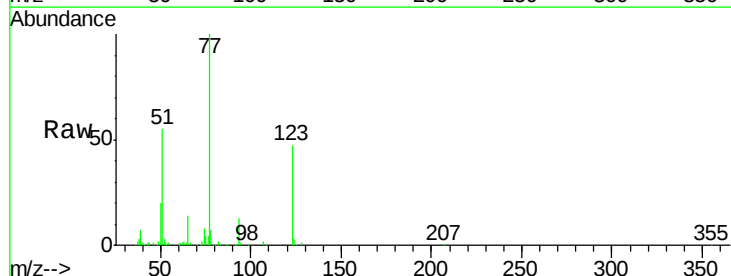
Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

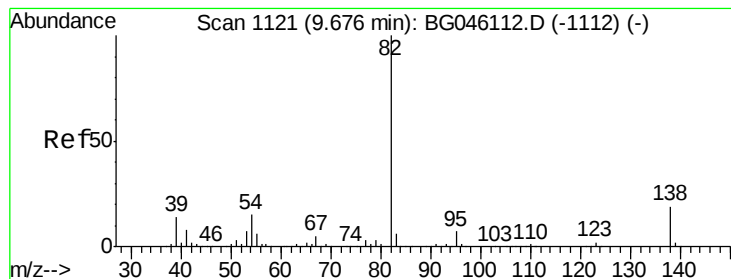
Tot Ion	Ion	Ratio	Lower	Upper
82	82	100		
128	128	42.9	34.4	51.6
54	54	54.4	40.8	61.2



#24
 Nitrobenzene
 Concen: 30.342 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion	Ion	Ratio	Lower	Upper
77	77	100		
123	123	46.6	36.8	55.2
65	65	13.6	10.2	15.2





#25

Isophorone

Concen: 31.296 ng

RT: 9.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

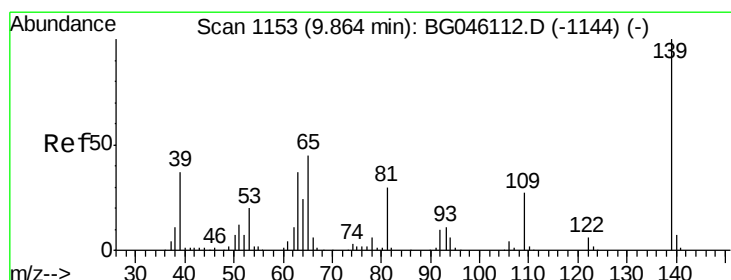
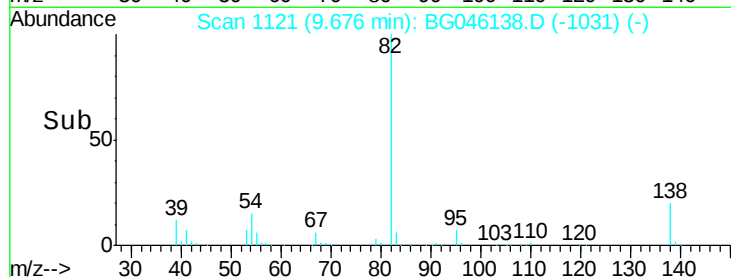
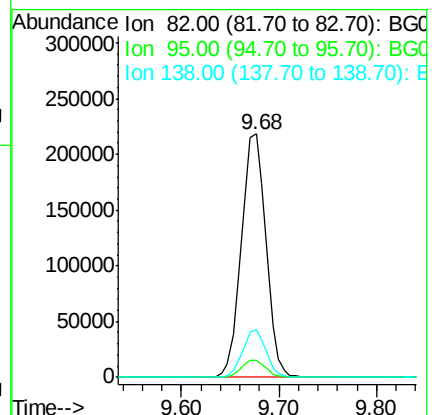
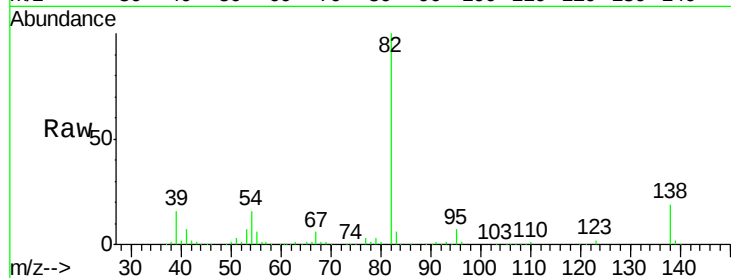
Tot Ion: 82 Resp: 383652

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

138 19.4 15.3 22.9



#26

2-Nitrophenol

Concen: 33.077 ng

RT: 9.86 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

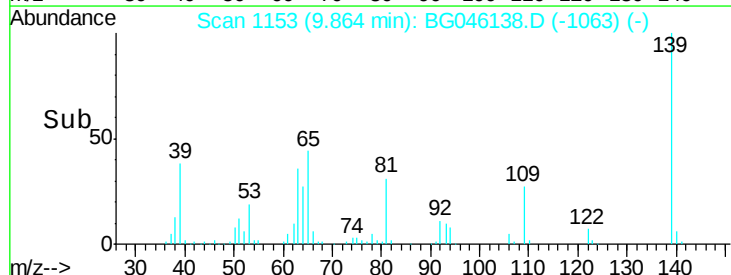
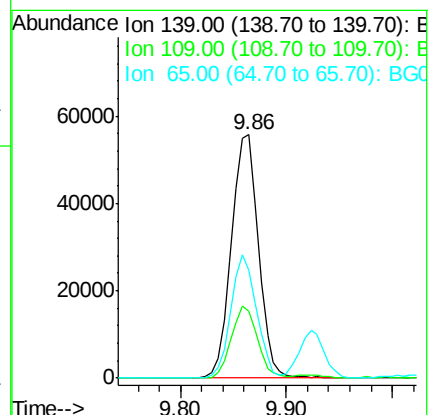
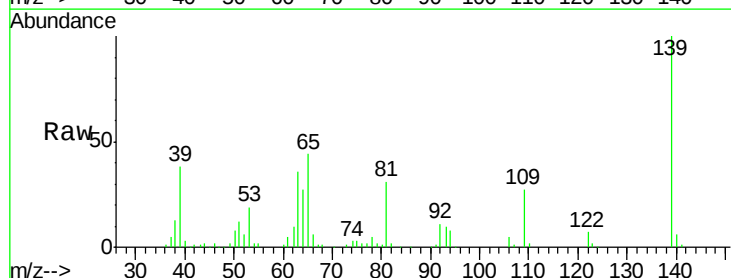
Tgt Ion: 139 Resp: 98468

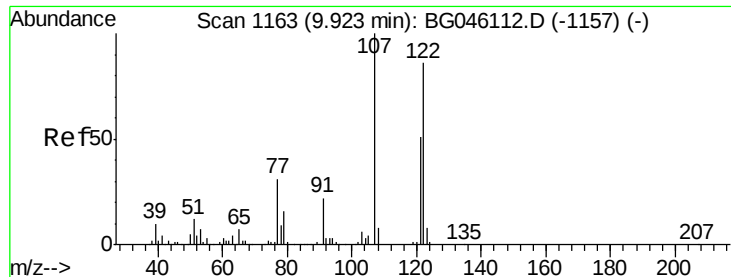
Ion Ratio Lower Upper

139 100

109 27.3 21.8 32.8

65 44.2 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 36.030 ng

RT: 9.92 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

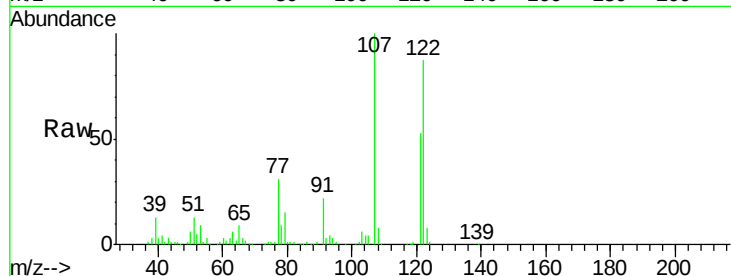
Tot Ion:122 Resp: 174502

Ion Ratio Lower Upper

122 100

107 114.6 92.4 138.6

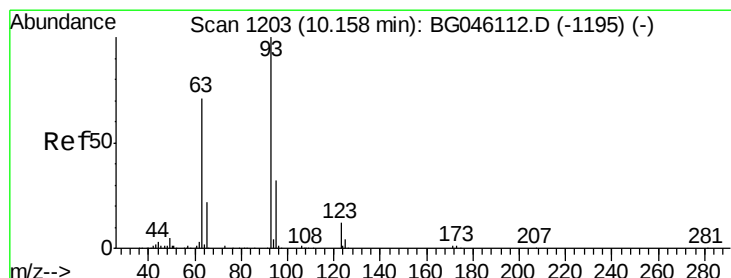
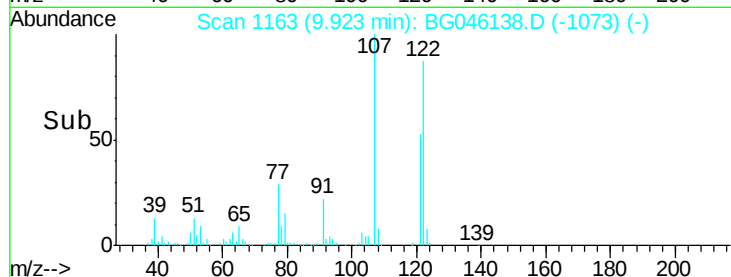
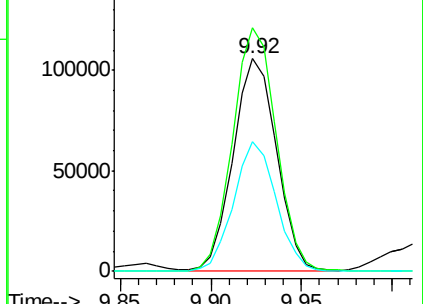
121 61.2 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.151 ng

RT: 10.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

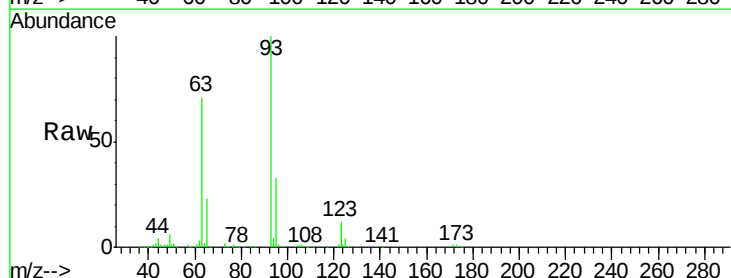
Tgt Ion: 93 Resp: 234306

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

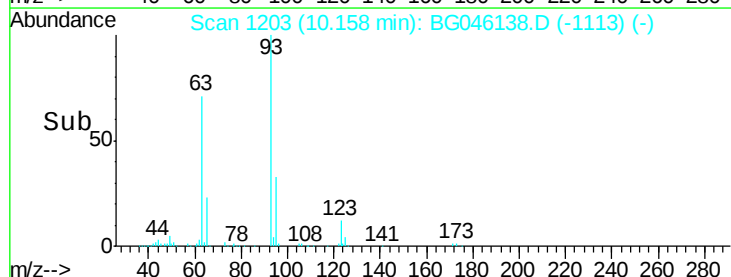
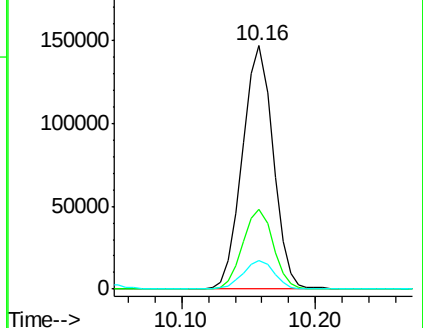
123 11.5 9.7 14.5

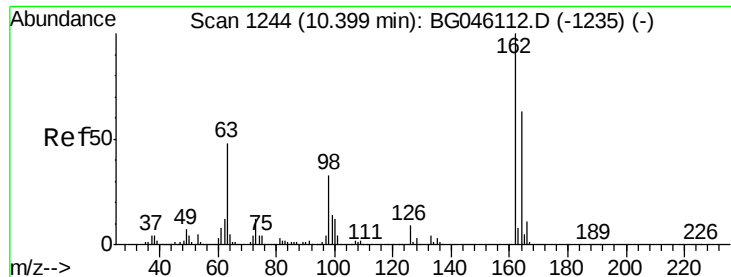


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 33.486 ng

RT: 10.40 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

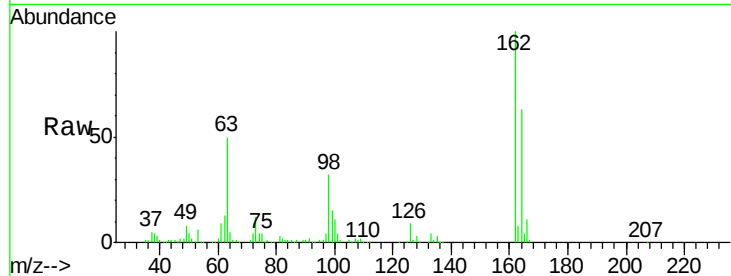
Tot Ion:162 Resp: 190779

Ion Ratio Lower Upper

162 100

164 62.7 43.3 83.3

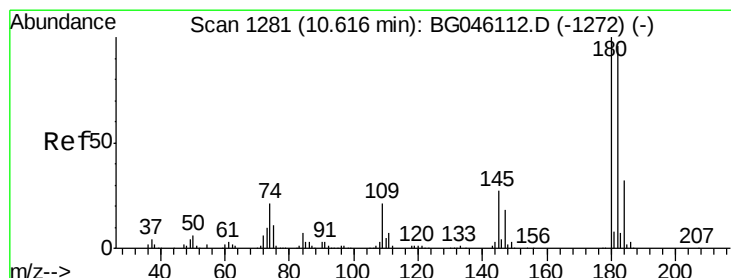
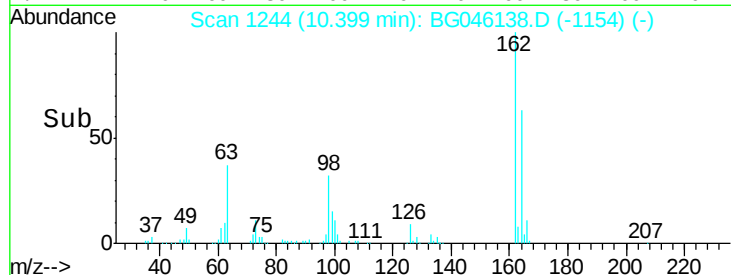
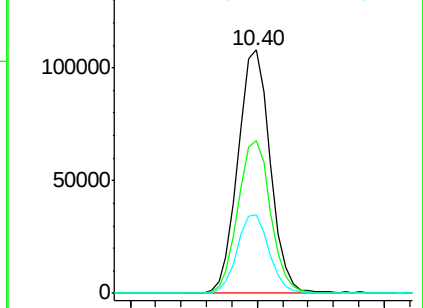
98 32.1 13.1 53.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 30.216 ng

RT: 10.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

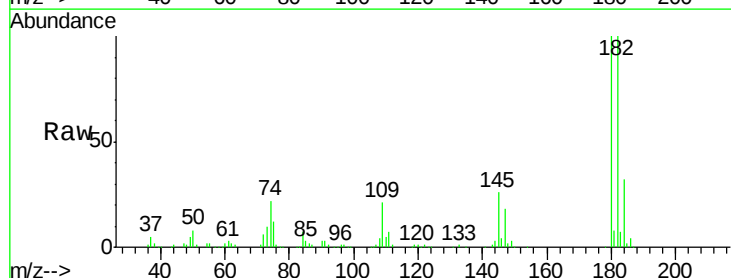
Tgt Ion:180 Resp: 201667

Ion Ratio Lower Upper

180 100

182 100.0 76.7 115.1

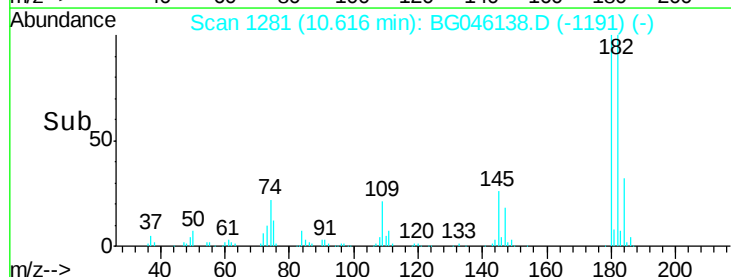
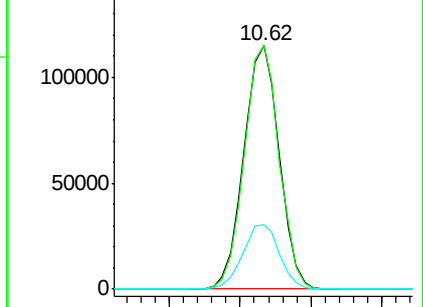
145 26.3 21.8 32.8

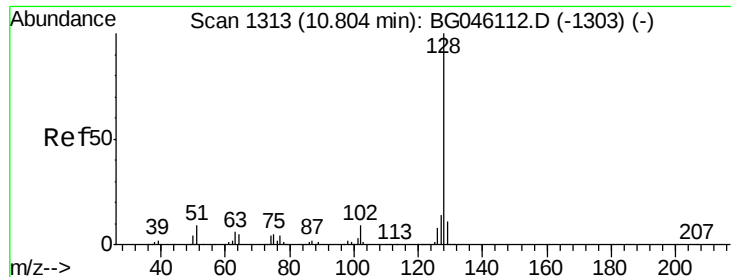


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

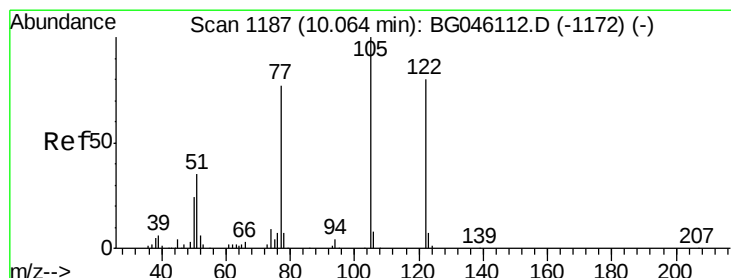
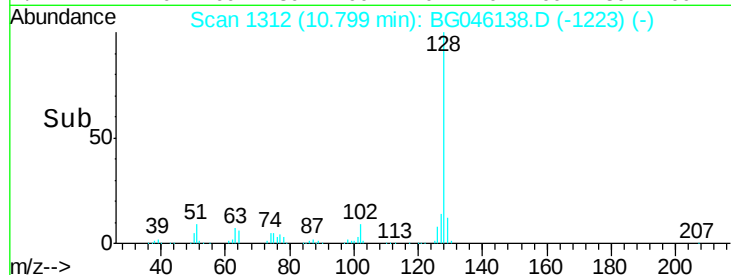
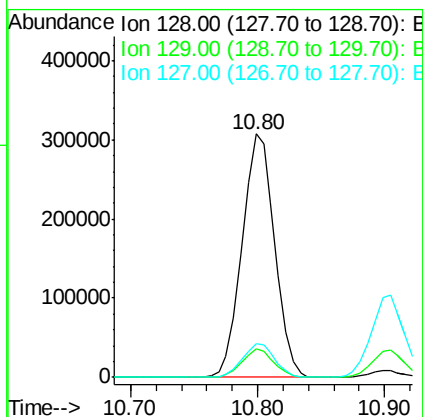
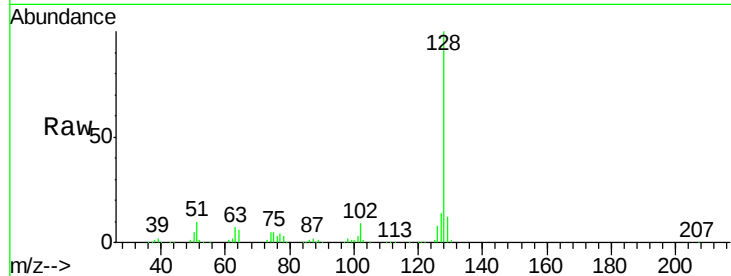




#31
Naphthalene
Concen: 30.919 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

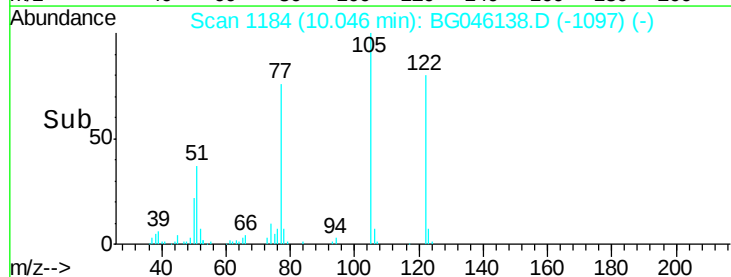
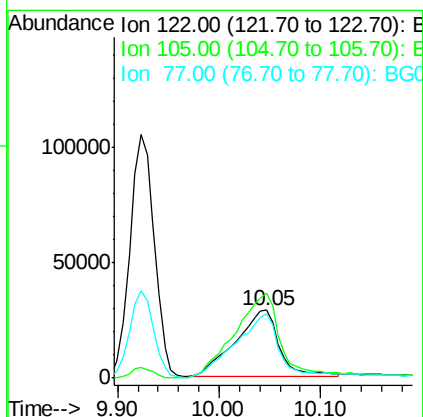
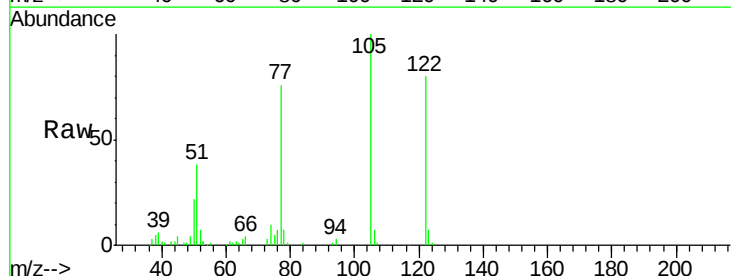
Instrument :
BNA_G
ClientSampleId :
PB130658BS

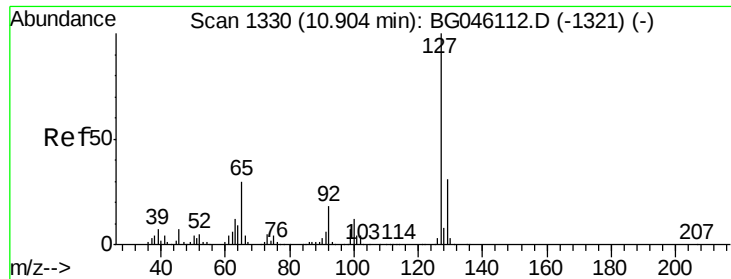
Tot Ion:128 Resp: 545702
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.8 11.3 16.9



#32
Benzoic acid
Concen: 29.476 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:122 Resp: 88871
Ion Ratio Lower Upper
122 100
105 124.8 103.0 143.0
77 95.2 75.2 115.2

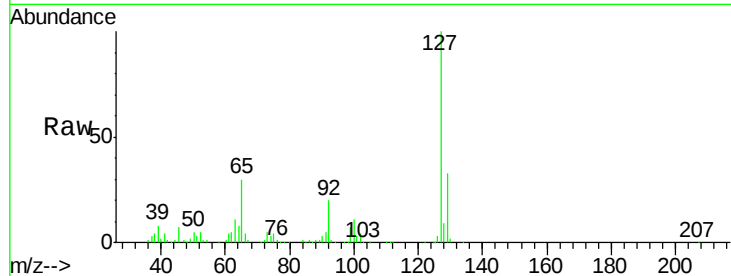




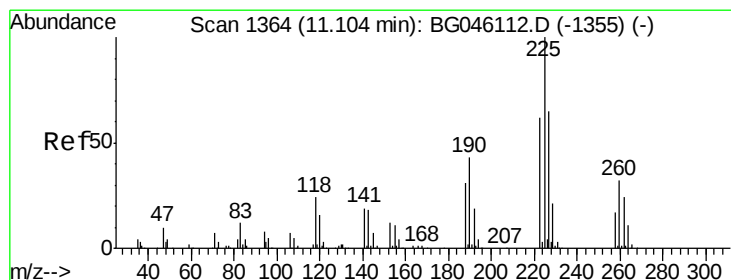
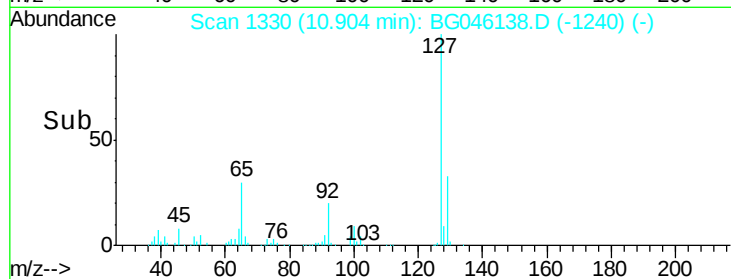
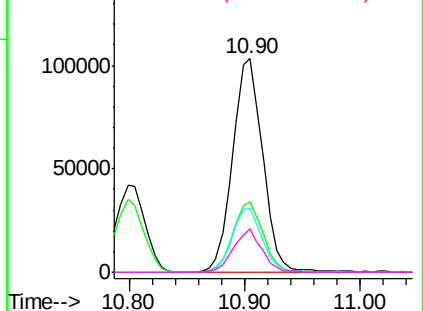
#33
4-Chloroaniline
Concen: 26.010 ng
RT: 10.90 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion:	127	Resp:	187586
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.2	37.8
65	29.9	24.2	36.2
92	20.5	14.5	21.7

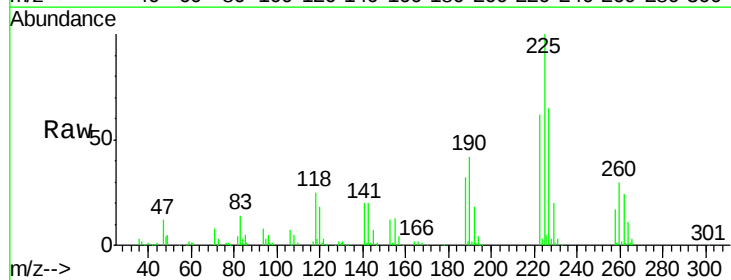


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

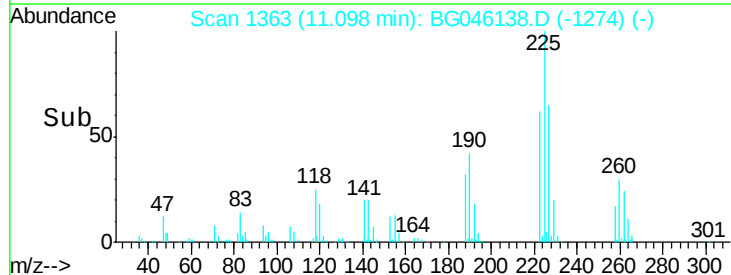
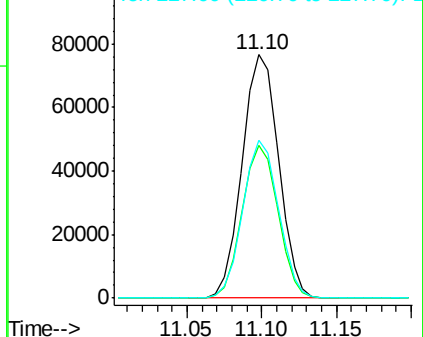


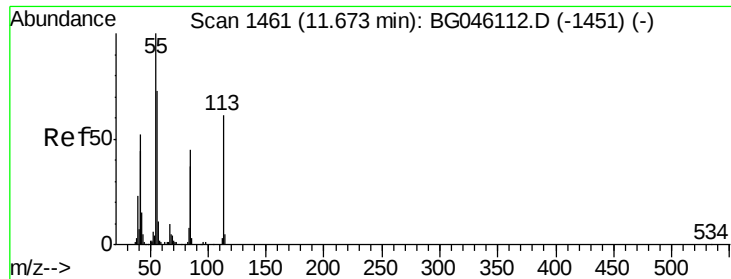
#34
Hexachlorobutadiene
Concen: 29.231 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:	225	Resp:	129872
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	64.6	51.9	77.9



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: 15.733 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

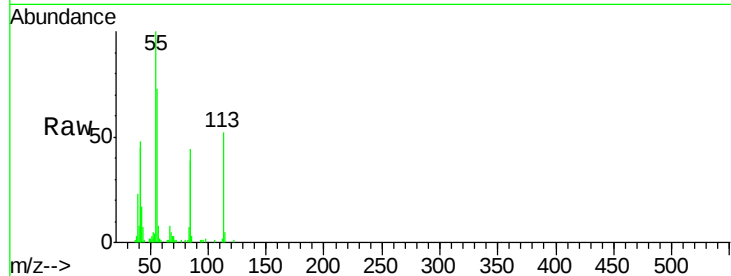
Tot Ion:113 Resp: 29338

Ion Ratio Lower Upper

113 100

55 193.1 144.7 184.7#

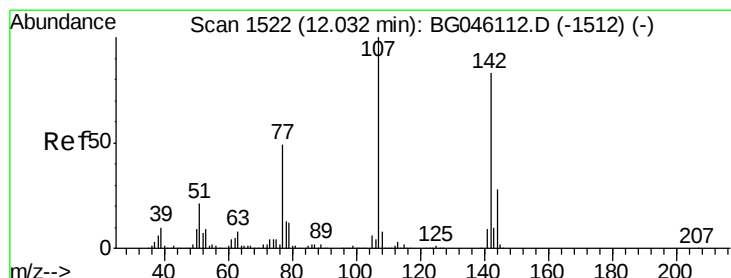
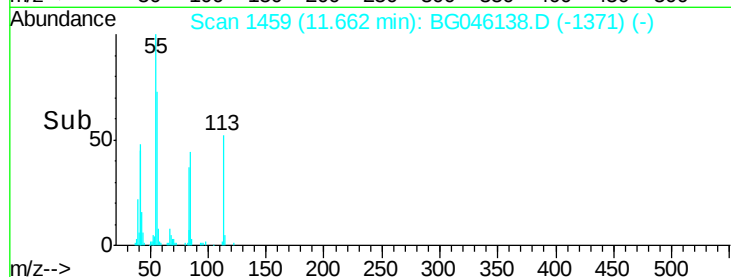
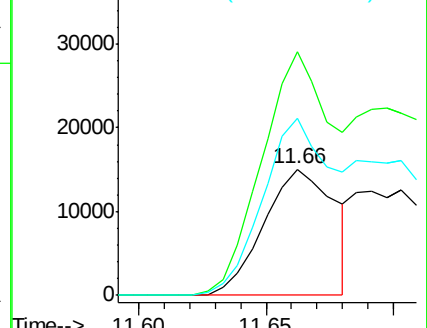
56 140.9 99.4 139.4#



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: 34.953 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

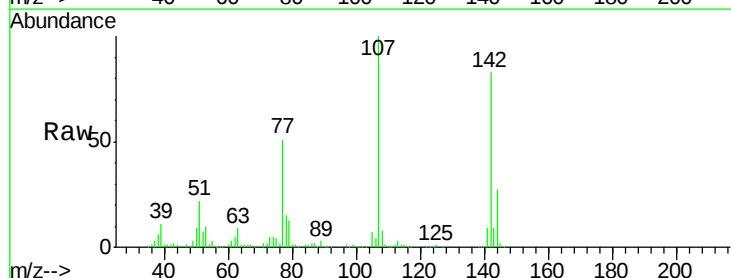
Tgt Ion:107 Resp: 195424

Ion Ratio Lower Upper

107 100

144 27.1 22.4 33.6

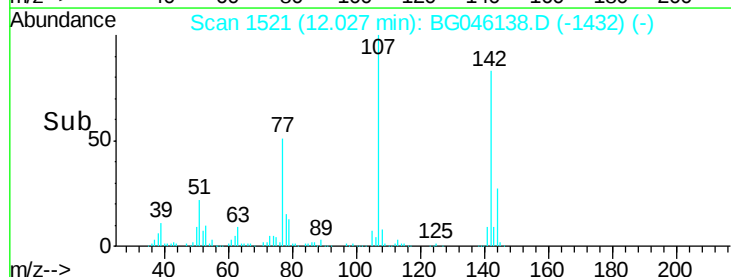
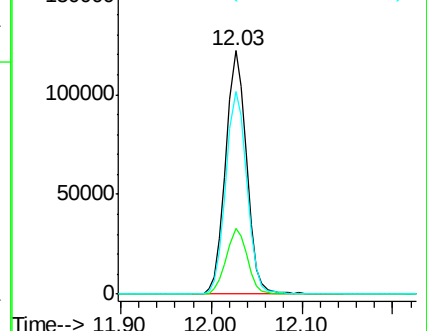
142 83.5 66.6 100.0

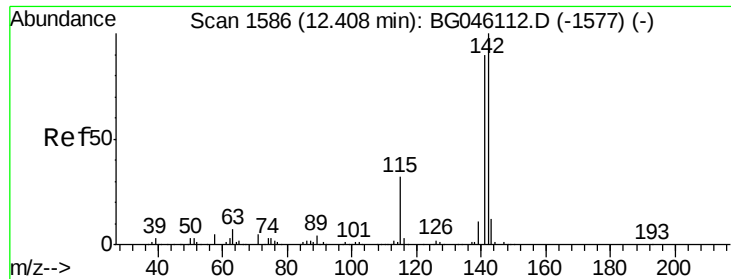


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

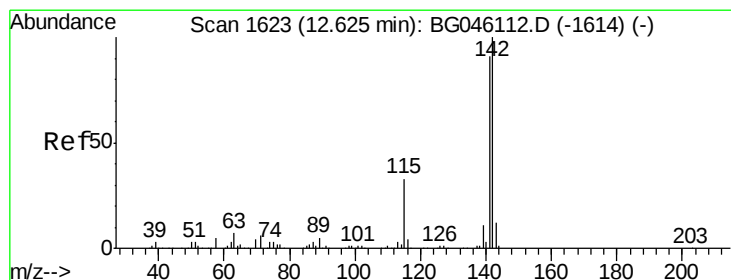
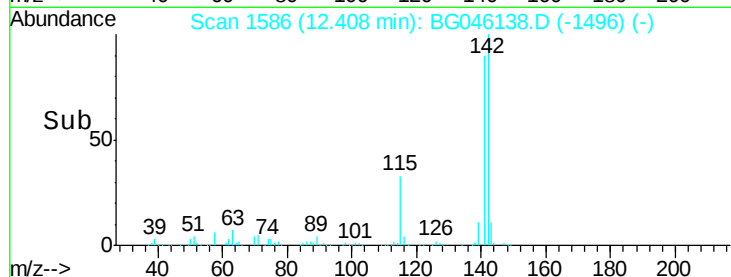
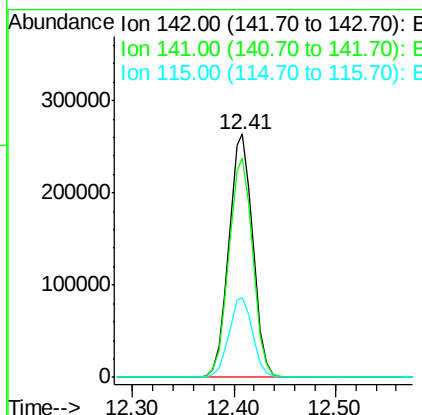
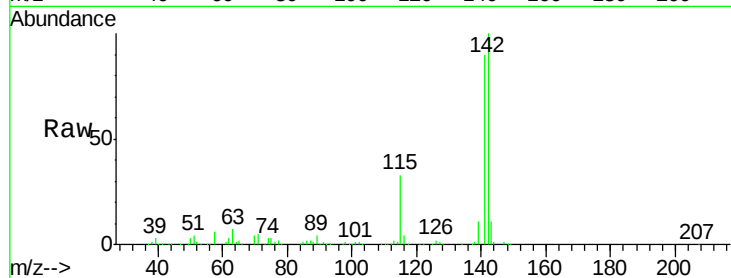




#37
2-Methylnaphthalene
Concen: 31.604 ng
RT: 12.41 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

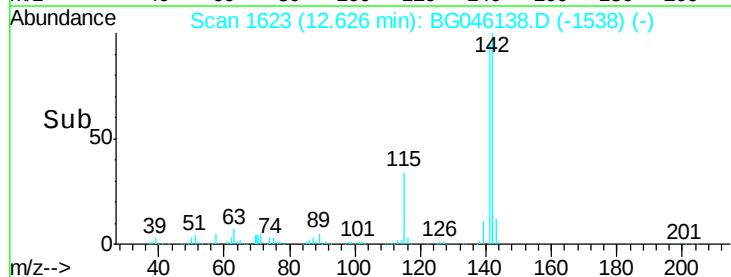
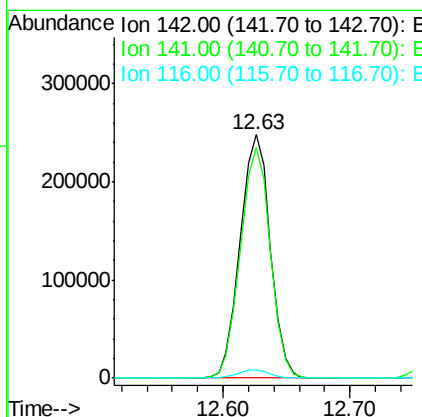
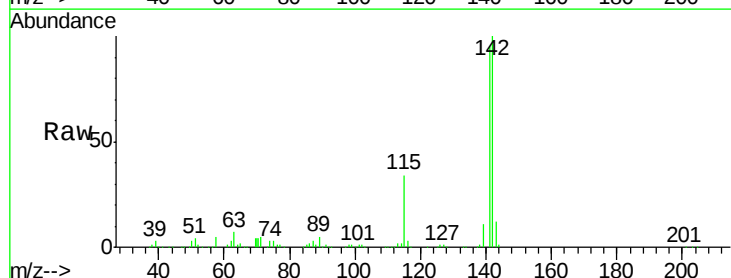
Instrument :
BNA_G
ClientSampleId :
PB130658BS

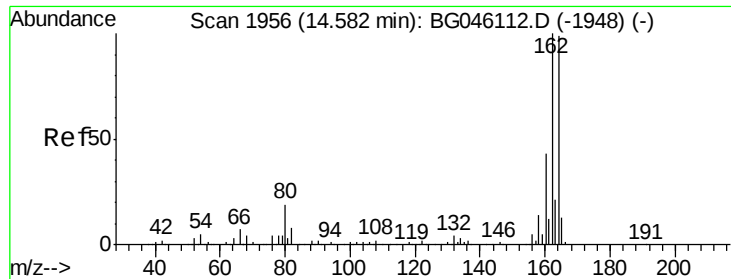
Tot Ion:142 Resp: 429201
Ion Ratio Lower Upper
142 100
141 90.3 71.7 107.5
115 32.7 25.8 38.8



#38
1-Methylnaphthalene
Concen: 31.660 ng
RT: 12.63 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:142 Resp: 406868
Ion Ratio Lower Upper
142 100
141 94.8 73.0 109.4
116 3.2 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

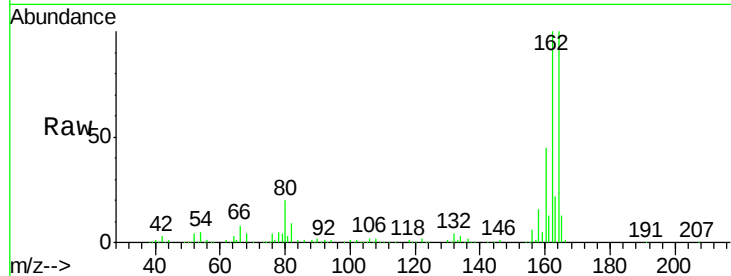
Tot Ion:164 Resp: 211671

Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

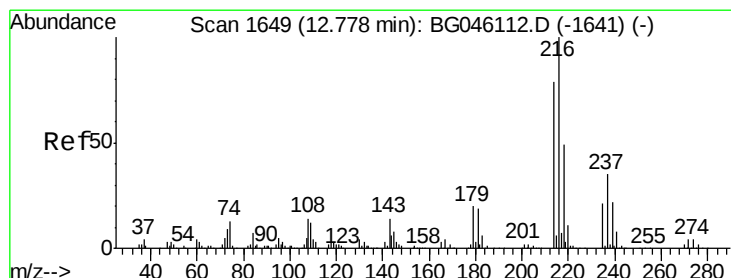
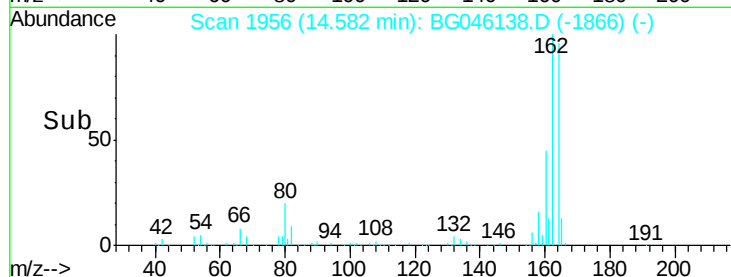
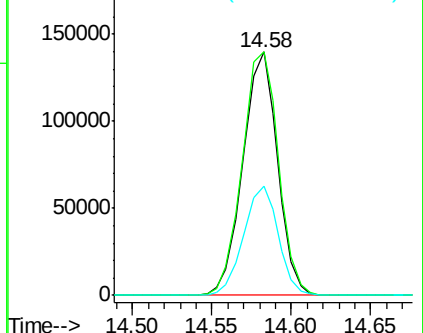
160 44.7 34.9 52.3



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.818 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Tgt Ion:216 Resp: 235039

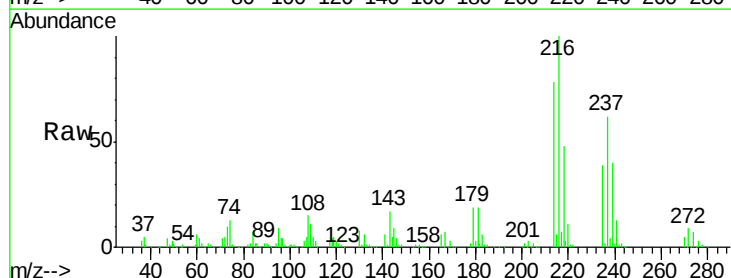
Ion Ratio Lower Upper

216 100

214 78.8 62.7 94.1

179 19.3 15.0 22.6

108 17.7 11.6 17.4#

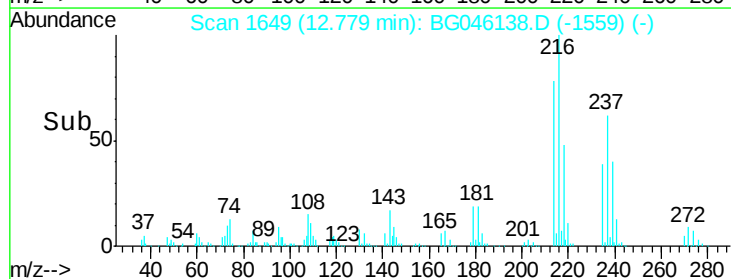
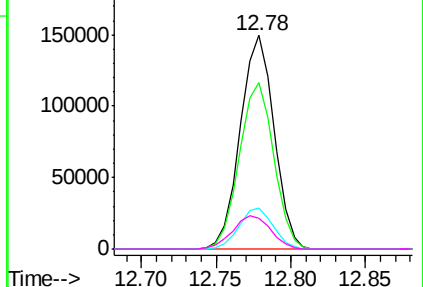


Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 75.433 ng

RT: 12.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampled :

PB130658BS

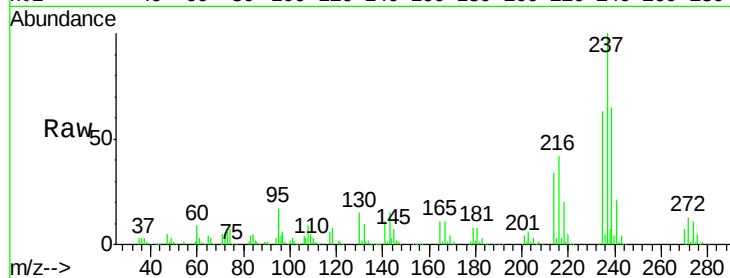
Tot Ion:237 Resp: 329983

Ion Ratio Lower Upper

237 100

235 63.4 42.3 82.3

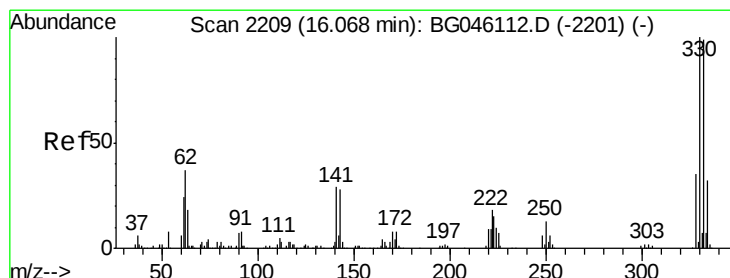
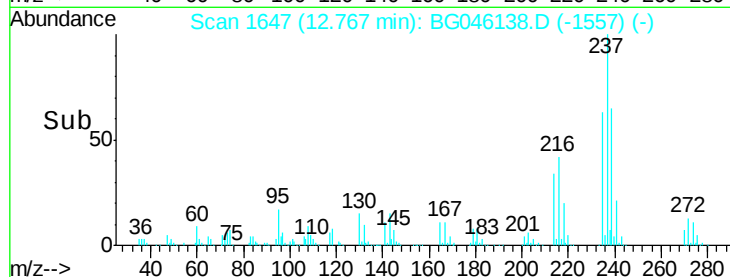
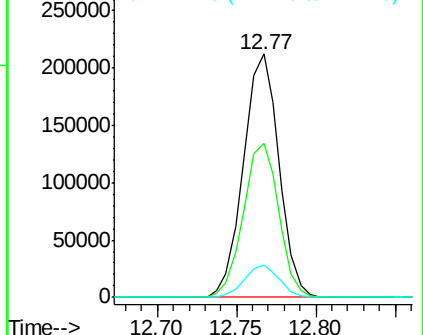
272 13.5 0.0 32.7



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



#42

2,4,6-Tribromophenol

Concen: 140.027 ng

RT: 16.07 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

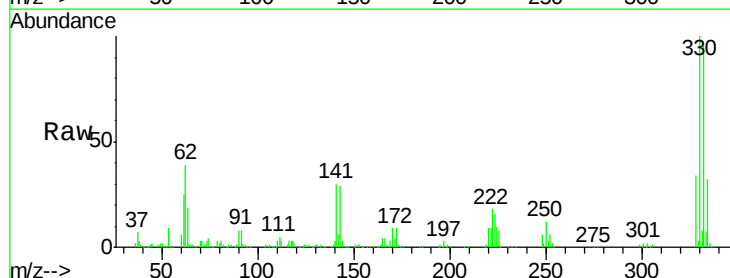
Tgt Ion:330 Resp: 455258

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

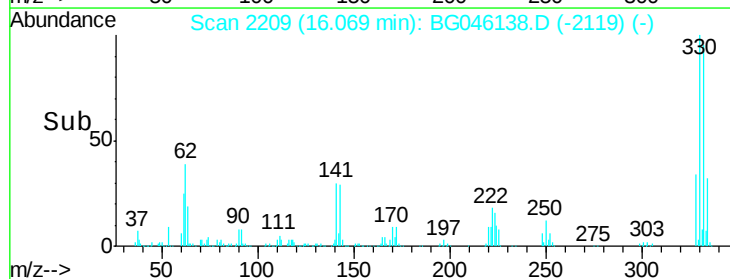
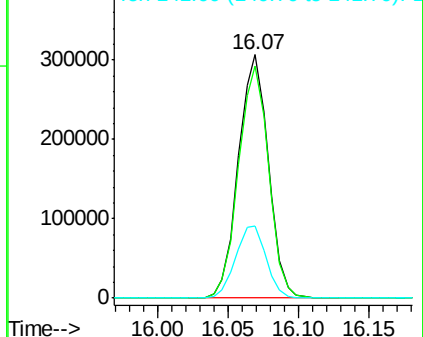
141 30.4 23.4 35.0

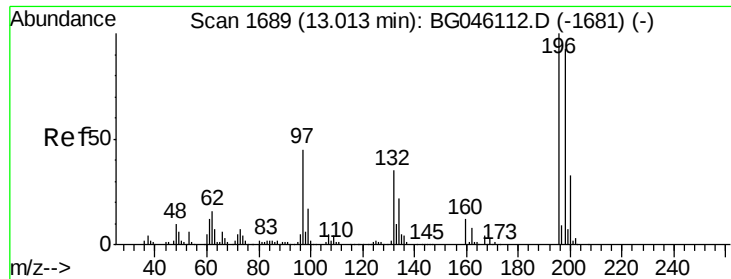


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

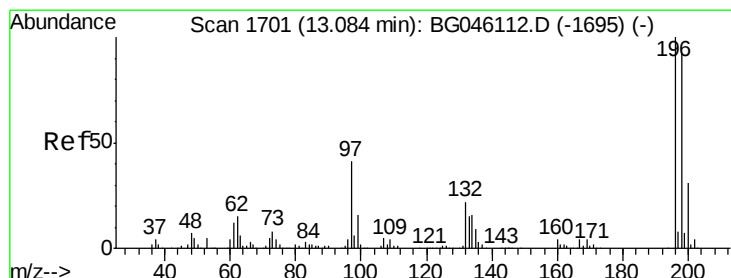
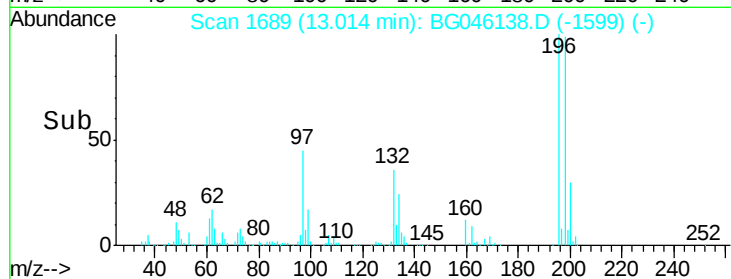
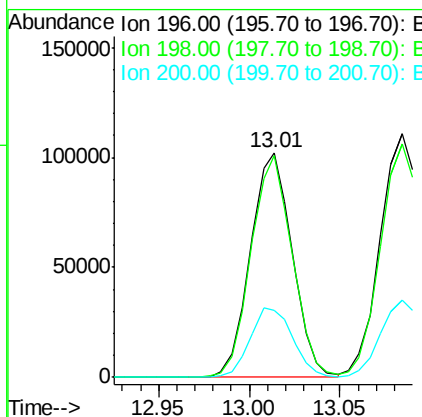
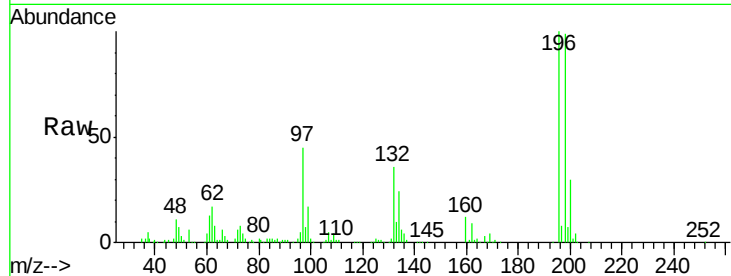




#43
 2,4,6-Trichlorophenol
 Concen: 33.561 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

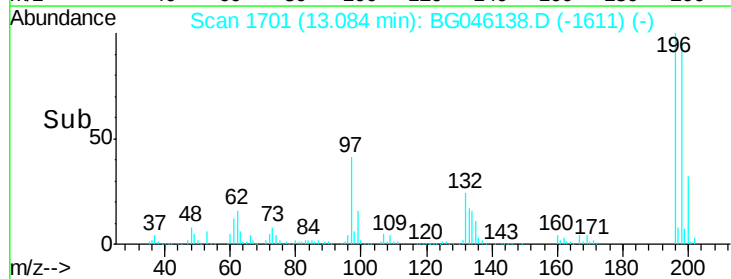
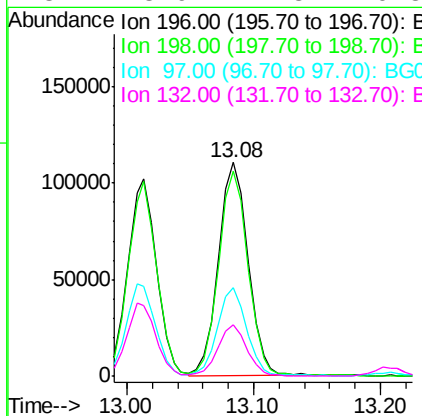
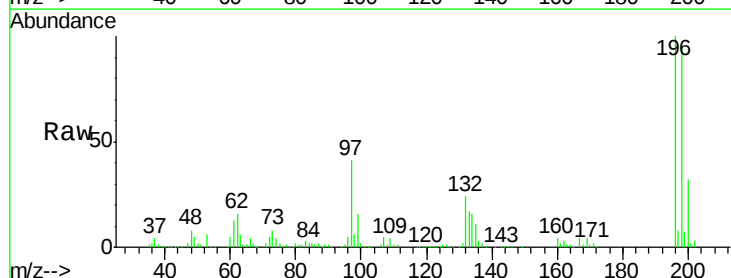
Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

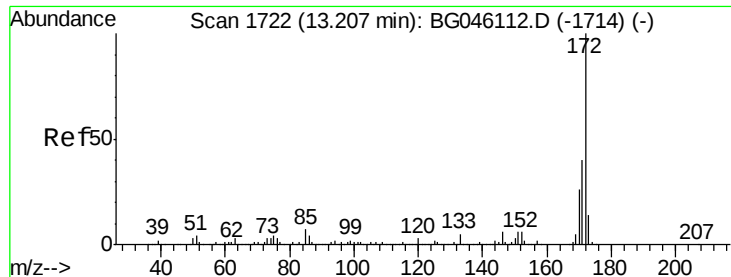
Tot Ion:196 Resp: 163297
 Ion Ratio Lower Upper
 196 100
 198 98.6 74.2 111.4
 200 29.9 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 33.905 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion:196 Resp: 179999
 Ion Ratio Lower Upper
 196 100
 198 95.6 73.9 110.9
 97 41.5 32.7 49.1
 132 23.9 17.8 26.8



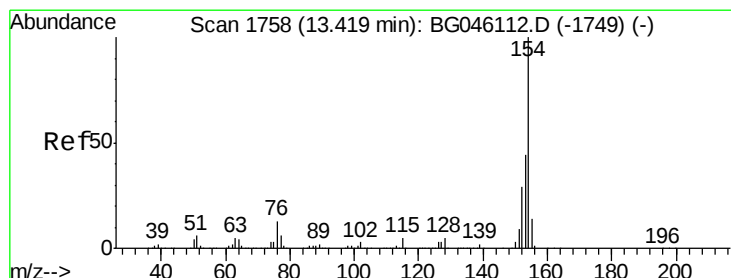
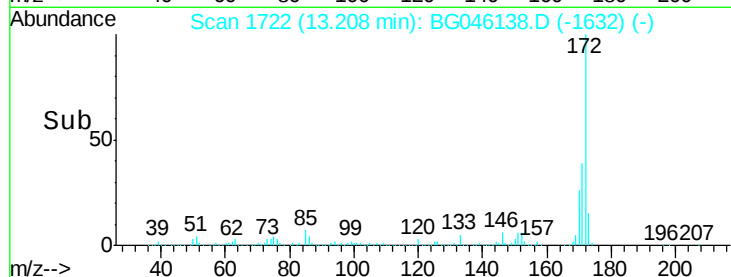
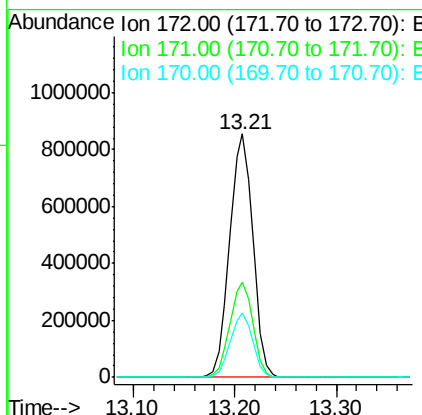
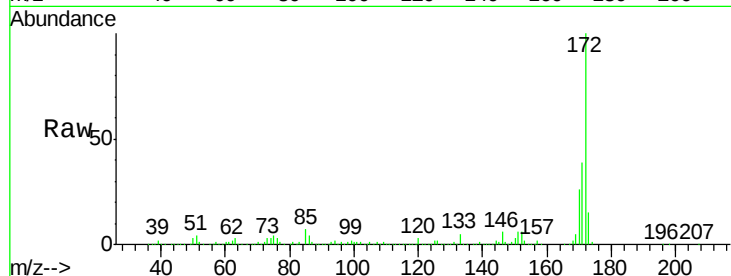


#45
 2-Fluorobiphenyl
 Concen: 92.948 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion:172 Resp: 1354397

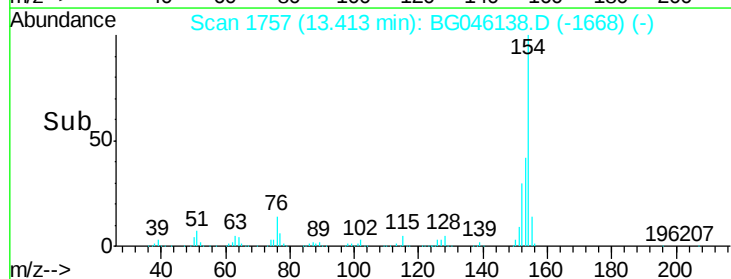
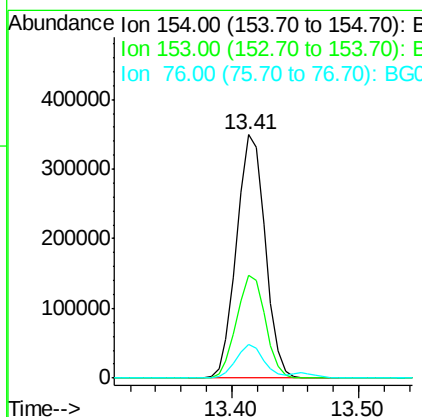
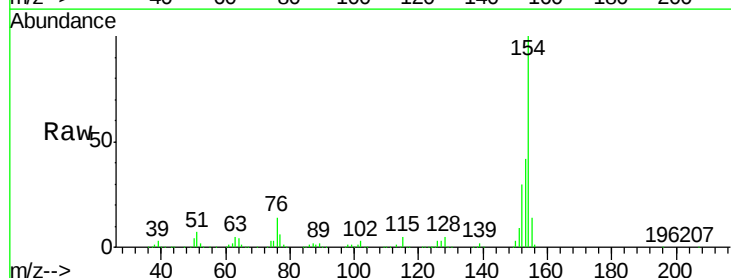
Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.7	47.5
170	26.4	20.9	31.3



#46
 1,1'-Biphenyl
 Concen: 32.865 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion:154 Resp: 545713

Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.7	63.7
76	13.9	0.0	32.9

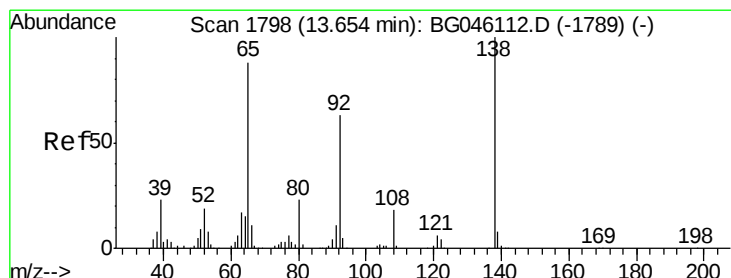
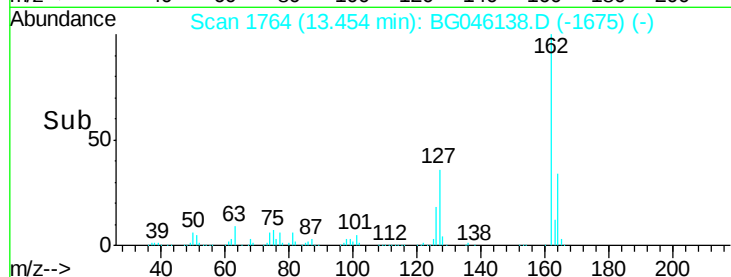
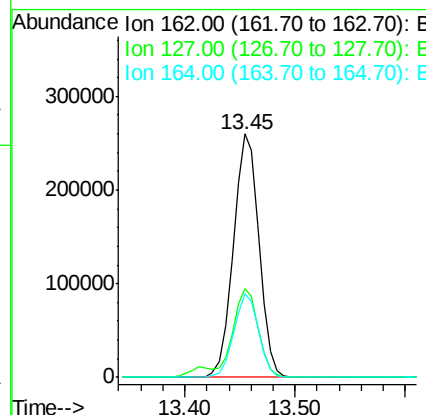
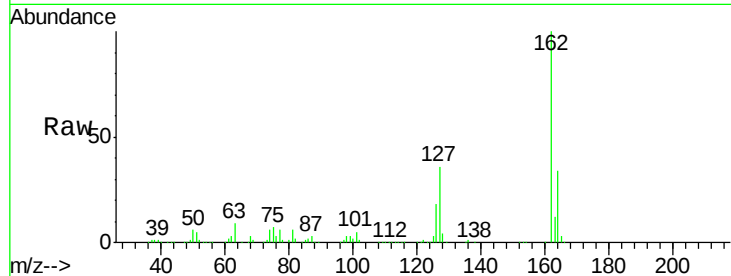




#47
2-Chloronaphthalene
Concen: 31.757 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

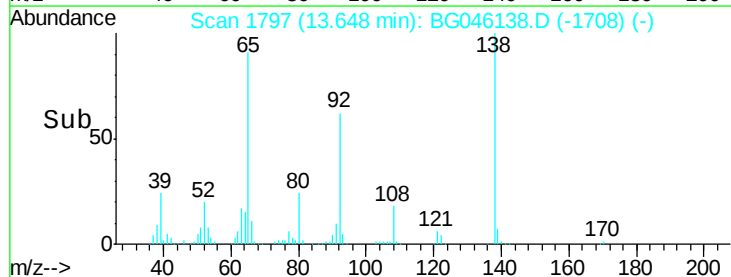
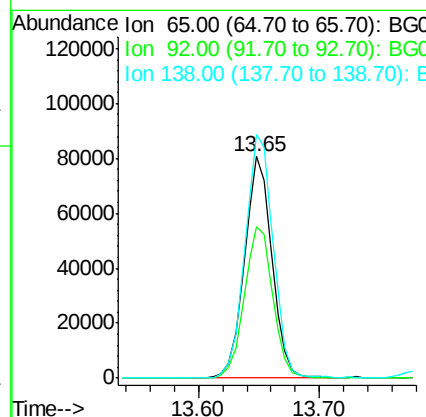
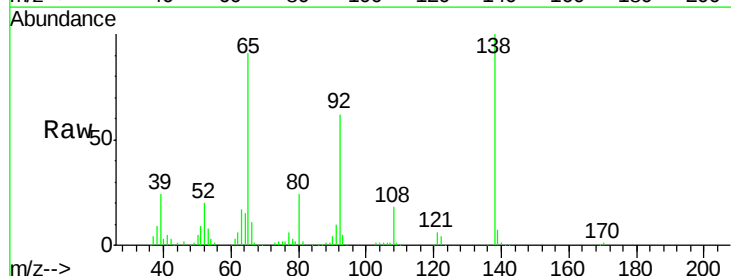
Instrument :
BNA_G
ClientSampleId :
PB130658BS

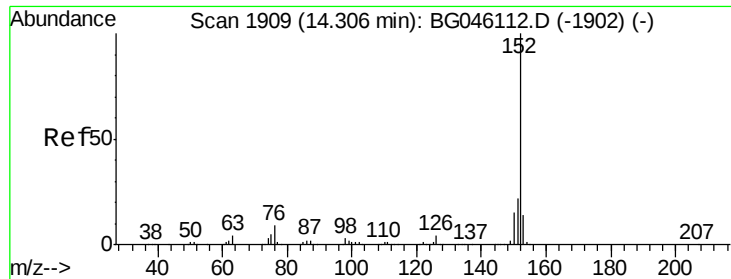
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	28.0	42.0
164	34.1	26.5	39.7



#48
2-Nitroaniline
Concen: 37.022 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	57.4	86.2
138	110.0	91.1	136.7





#49

Acenaphthylene

Concen: 33.477 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

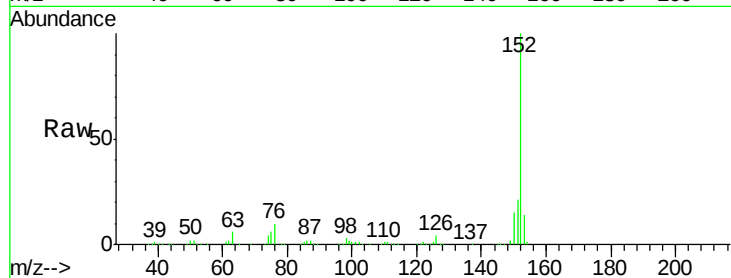
Tot Ion:152 Resp: 688528

Ion Ratio Lower Upper

152 100

151 20.8 17.4 26.2

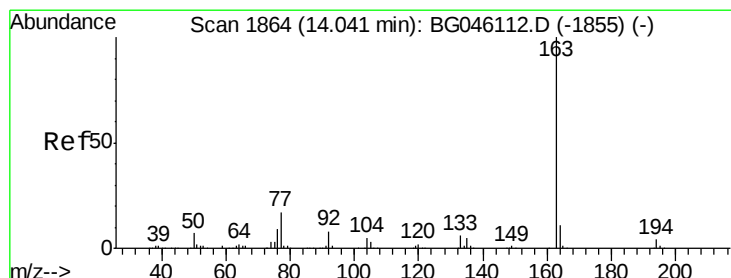
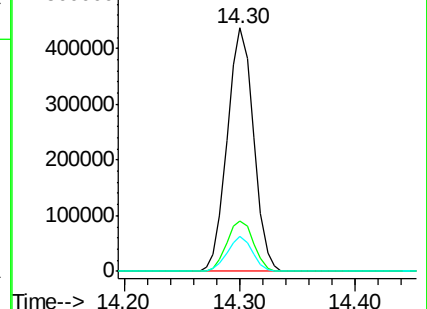
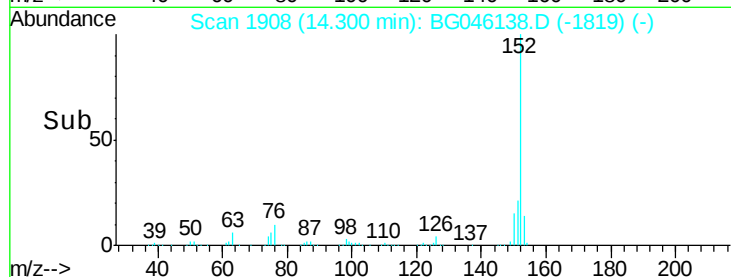
153 14.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.547 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

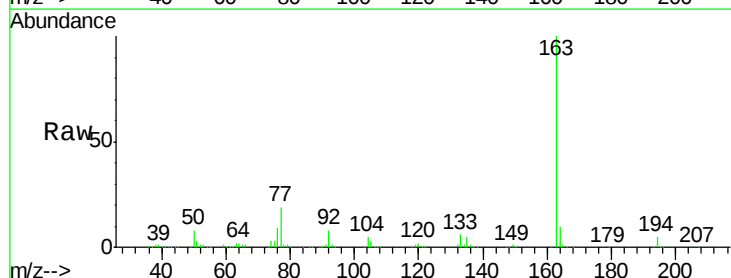
Tgt Ion:163 Resp: 561251

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

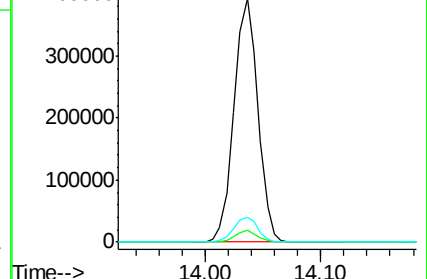
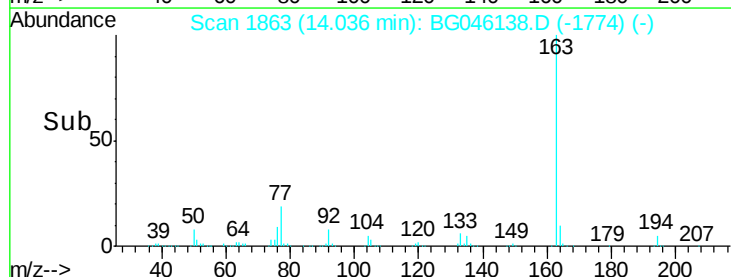
164 10.1 8.8 13.2

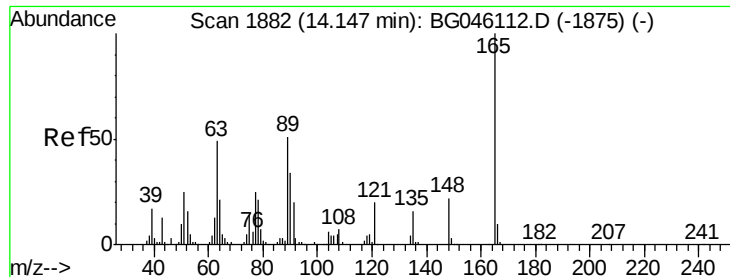


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

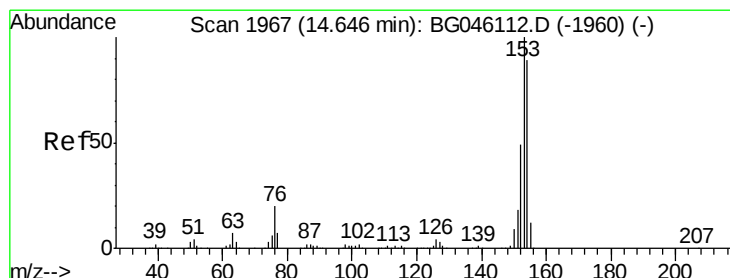
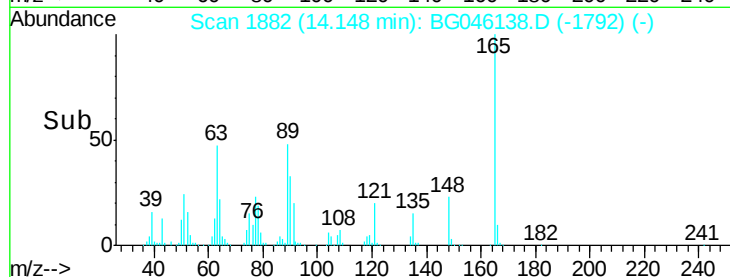
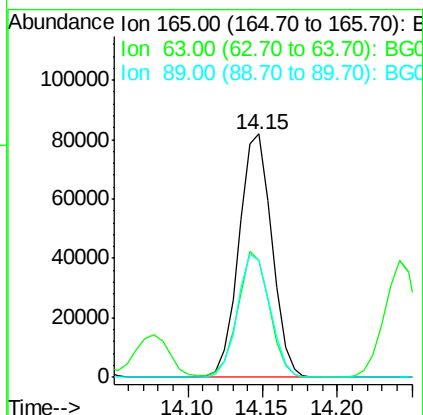
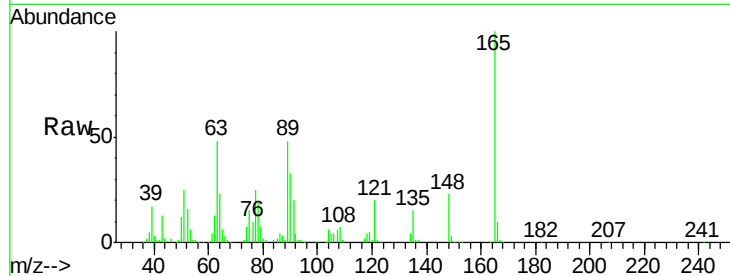




#51
2,6-Dinitrotoluene
Concen: 33.119 ng
RT: 14.15 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

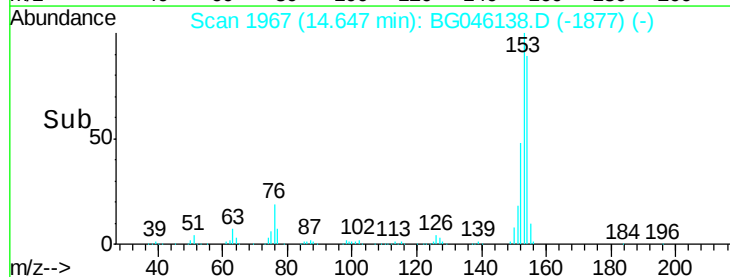
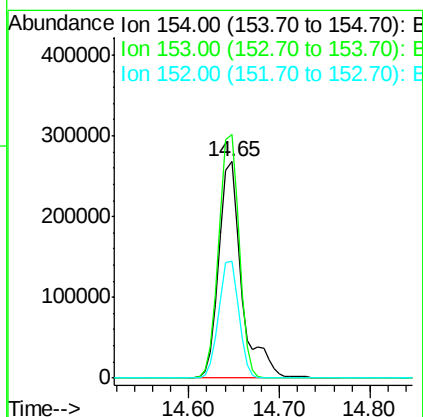
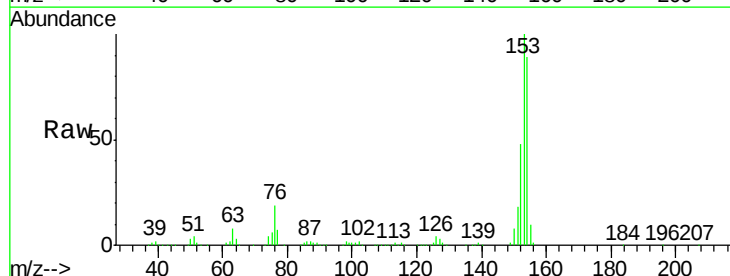
Instrument :
BNA_G
ClientSampleId :
PB130658BS

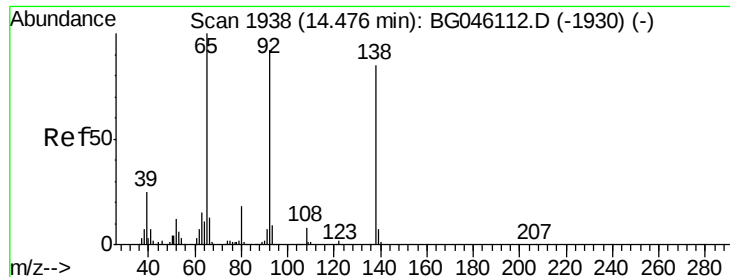
Tot Ion:165 Resp: 125222
Ion Ratio Lower Upper
165 100
63 47.8 39.7 59.5
89 48.1 41.0 61.6



#52
Acenaphthene
Concen: 34.583 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:154 Resp: 469425
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.8
152 54.3 44.5 66.7





#53

3-Nitroaniline

Concen: 27.716 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

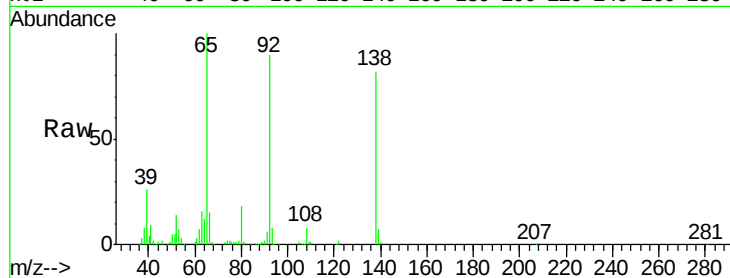
Tot Ion:138 Resp: 103891

Ion Ratio Lower Upper

138 100

108 9.6 7.2 10.8

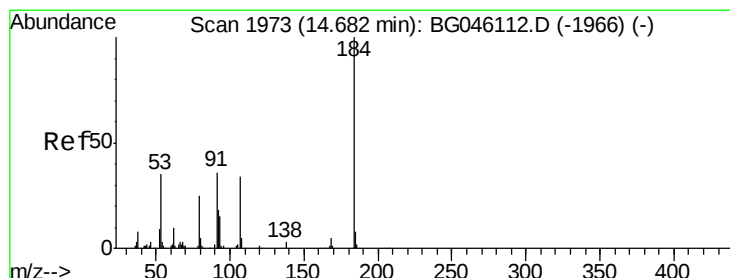
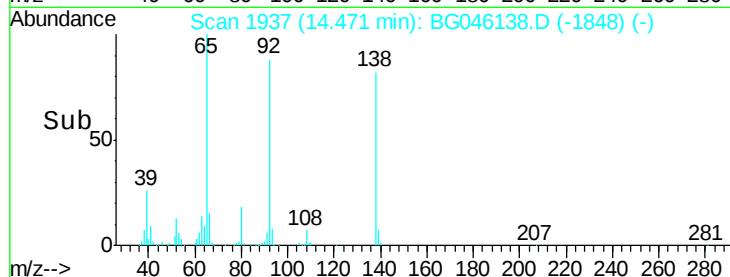
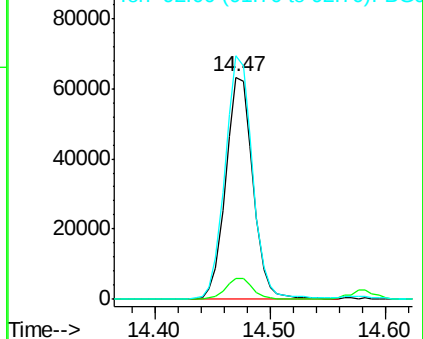
92 109.7 87.5 131.3



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



#54

2,4-Dinitrophenol

Concen: 48.998 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

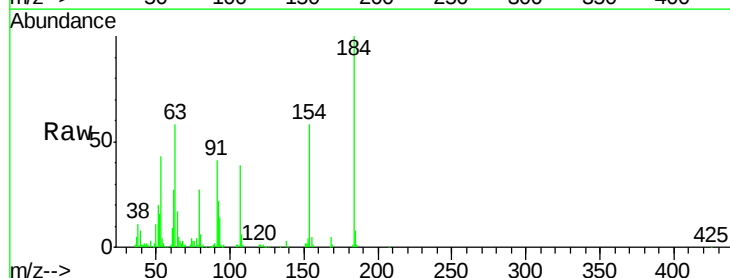
Tgt Ion:184 Resp: 110177

Ion Ratio Lower Upper

184 100

63 58.4 36.7 55.1#

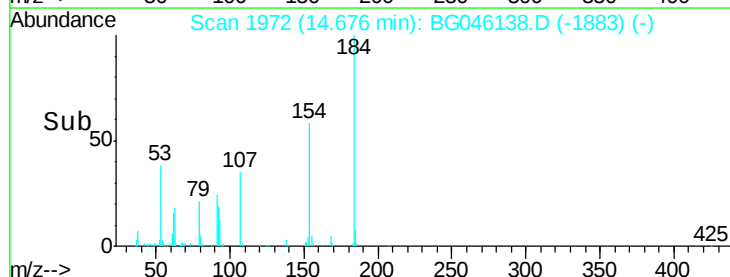
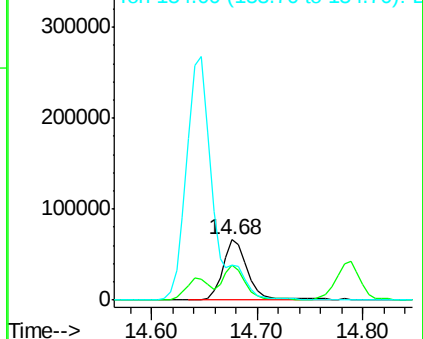
154 58.1 41.3 61.9

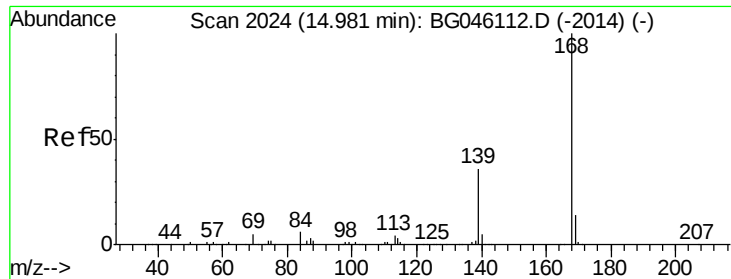


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

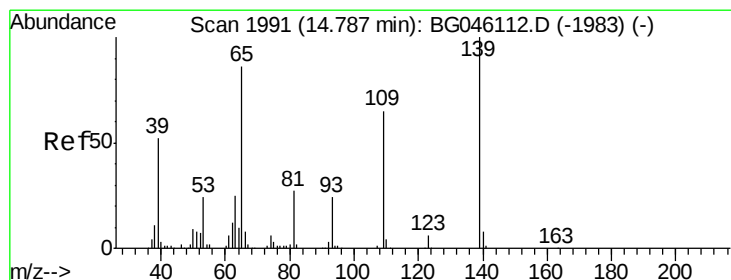
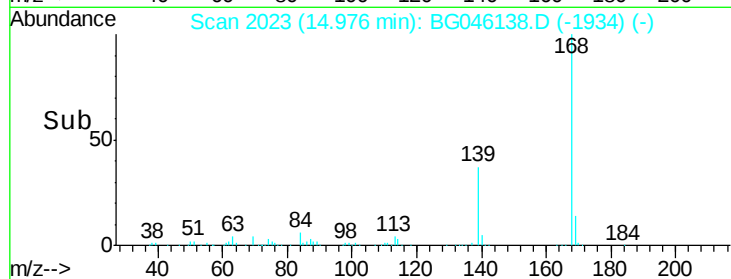
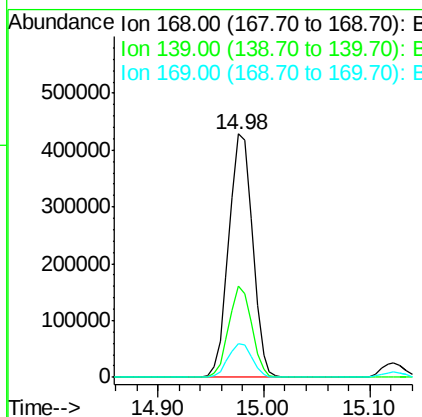
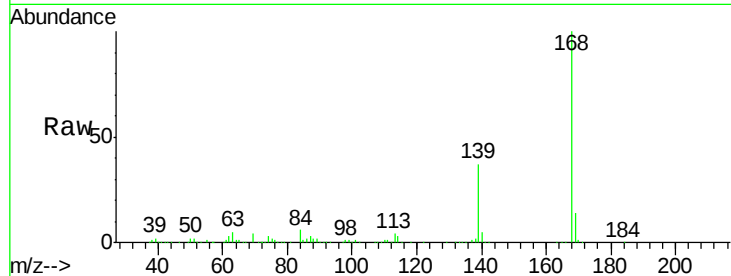




#55
Dibenzenofuran
Concen: 32.488 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

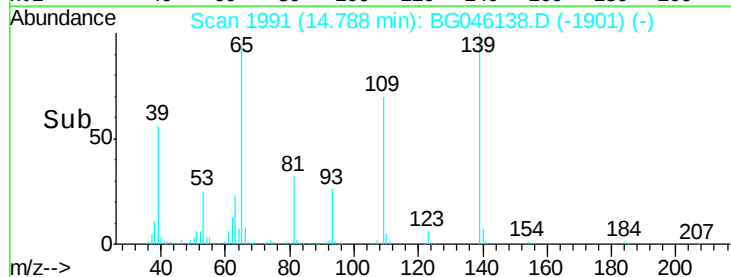
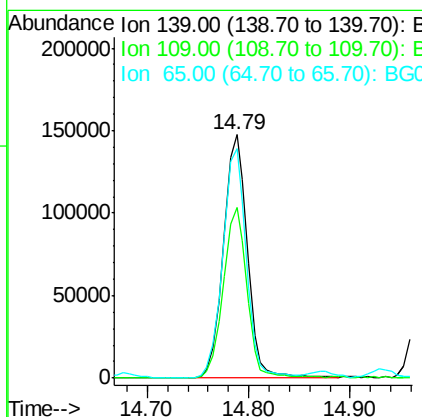
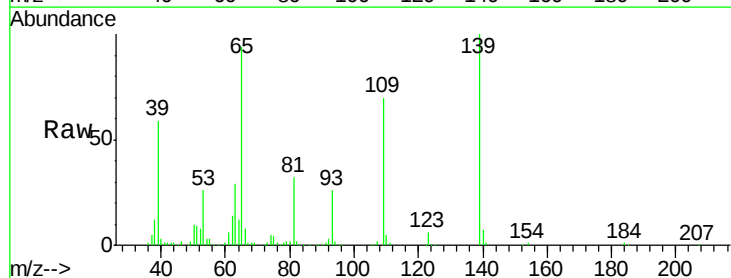
Instrument :
BNA_G
ClientSampled :
PB130658BS

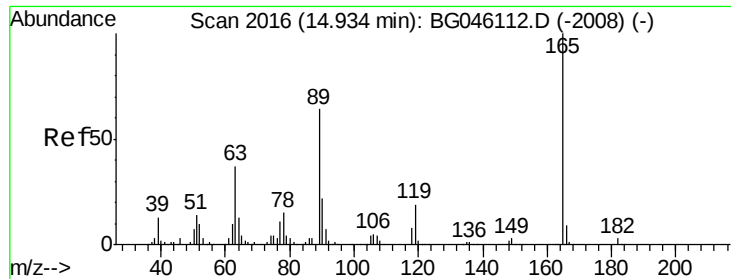
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.0	43.4
169	14.1	11.3	16.9



#56
4-Nitrophenol
Concen: 74.706 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.1	45.1	85.1
65	94.1	66.4	106.4

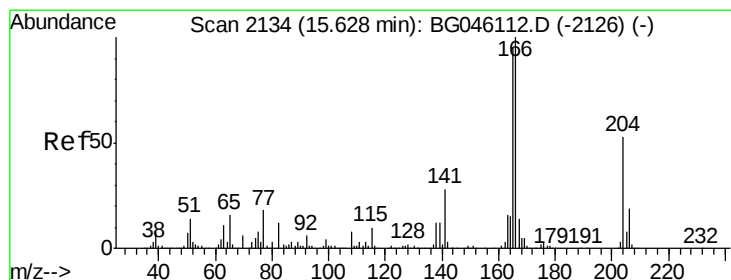
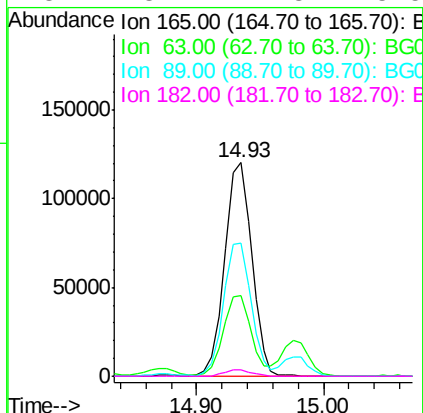
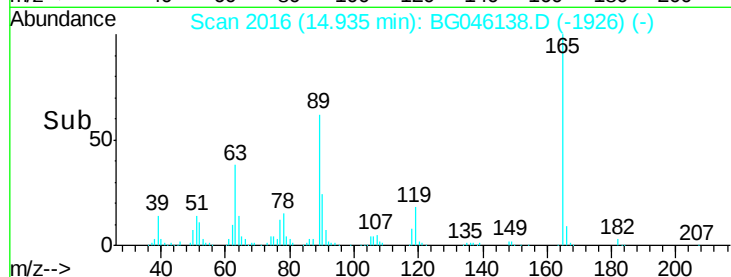
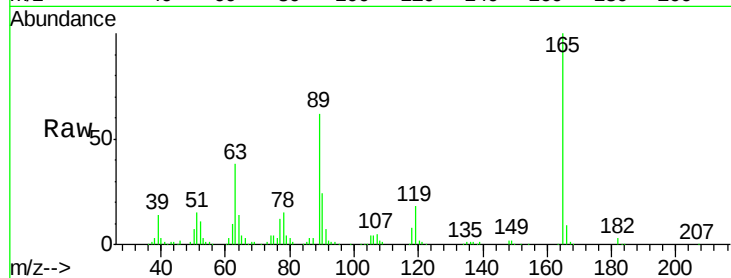




#57
2,4-Dinitrotoluene
Concen: 34.319 ng
RT: 14.93 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

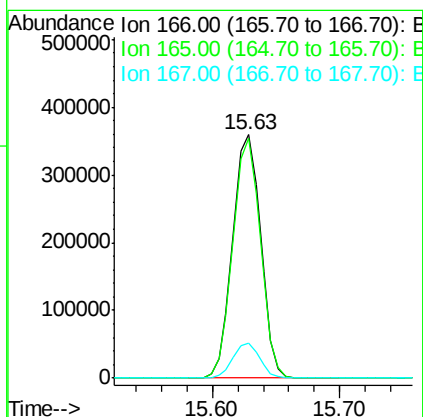
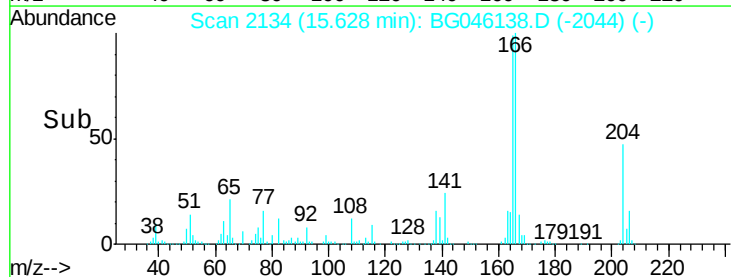
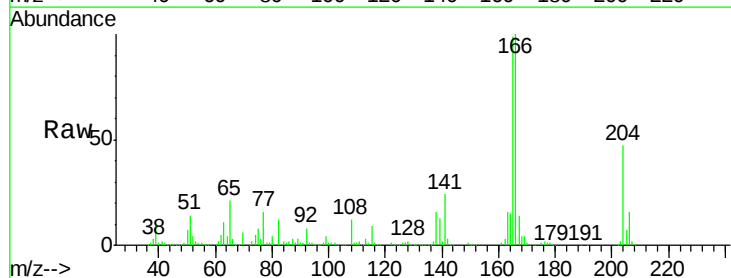
Instrument :
BNA_G
ClientSampleId :
PB130658BS

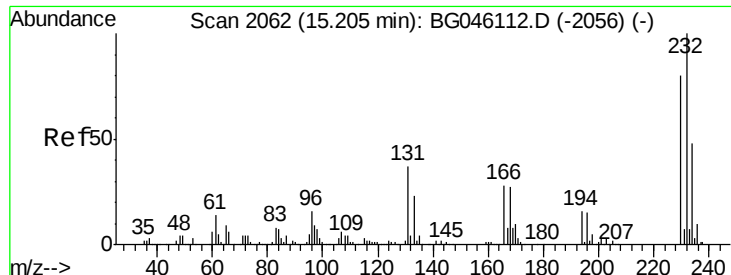
Tot Ion:165 Resp: 178409
Ion Ratio Lower Upper
165 100
63 37.6 30.1 45.1
89 62.3 51.4 77.2
182 3.1 2.3 3.5



#58
Fluorene
Concen: 33.202 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:166 Resp: 550732
Ion Ratio Lower Upper
166 100
165 98.6 76.3 114.5
167 14.3 11.0 16.6

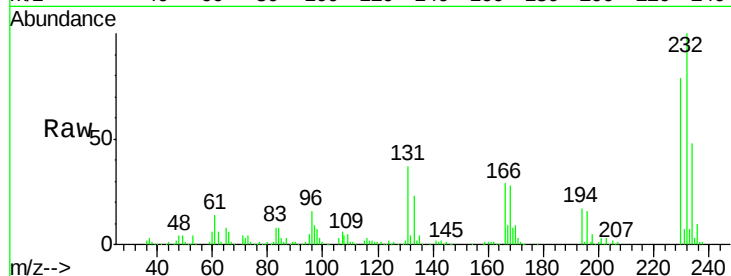




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.873 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

Tot Ion:	232	Resp:	179387
Ion	Ratio	Lower	Upper
232	100		
131	37.8	28.6	42.8
130	2.1	1.6	2.4
166	28.8	22.5	33.7

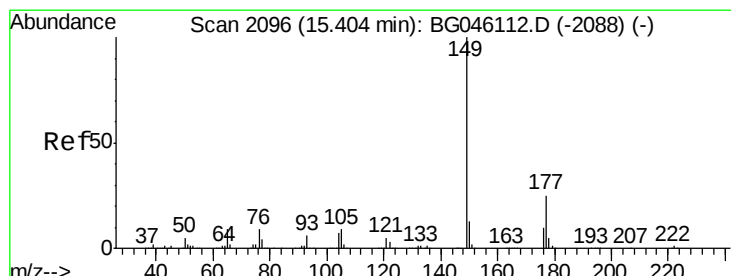
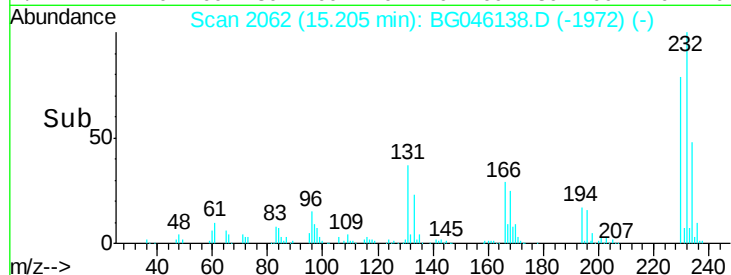
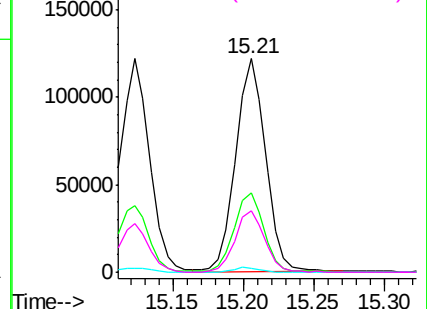


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

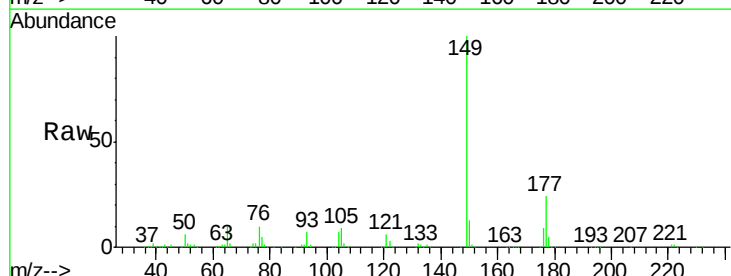
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 35.057 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

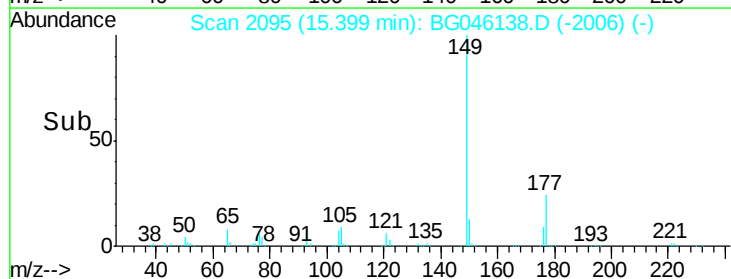
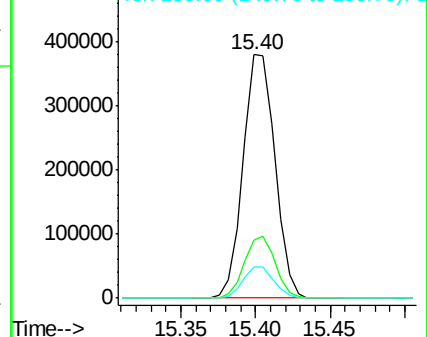
Tgt Ion:	149	Resp:	560271
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.7	29.5
150	12.8	10.8	16.2

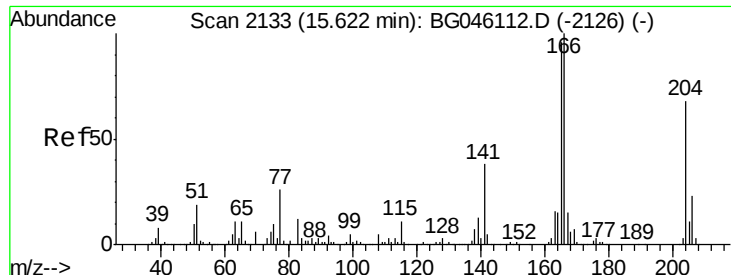


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

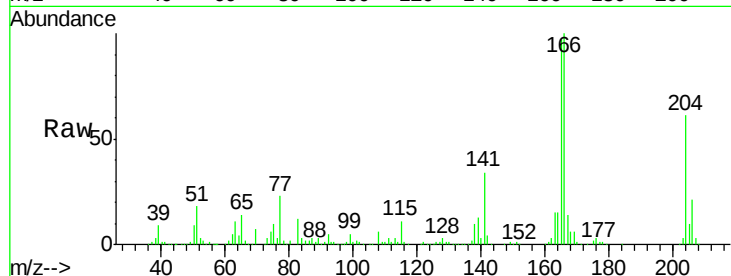




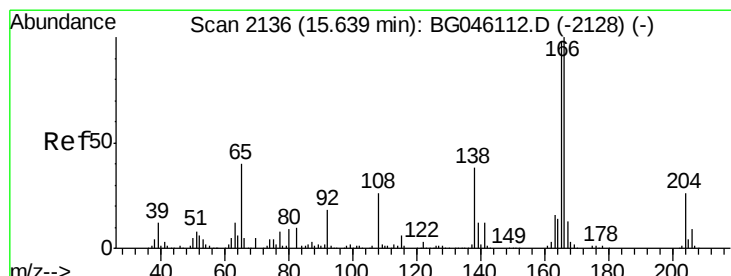
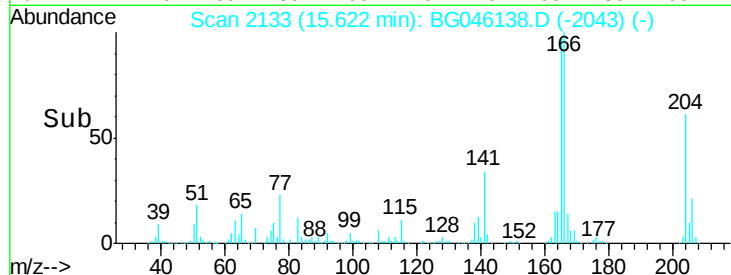
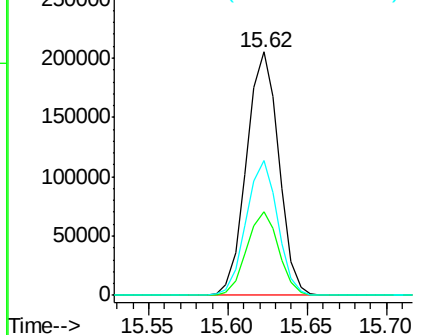
#61
 4-Chlorophenyl-phenylether
 Concen: 33.565 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Instrument :
 BNA_G
 ClientSampleID :
 PB130658BS

Tot Ion:204 Resp: 290783
 Ion Ratio Lower Upper
 204 100
 206 34.4 27.7 41.5
 141 55.4 44.7 67.1

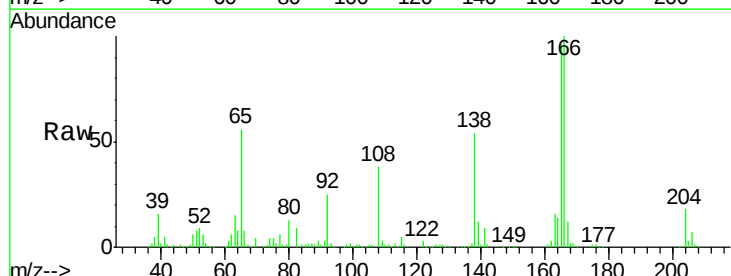


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

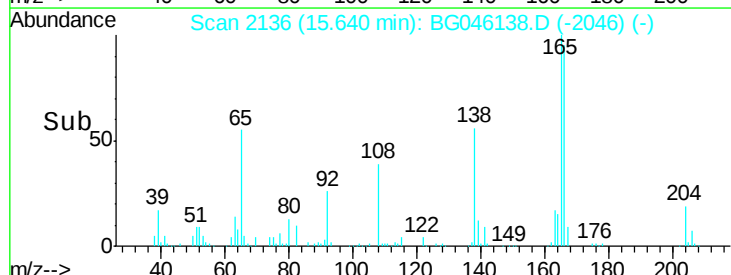
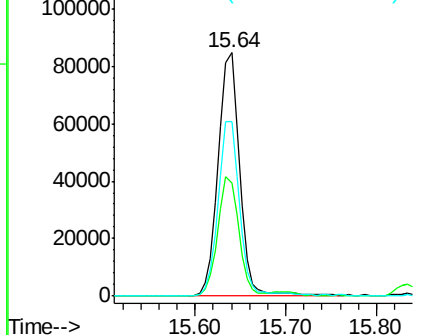


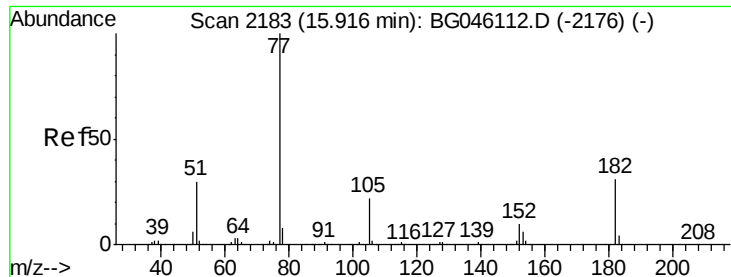
#62
 4-Nitroaniline
 Concen: 37.100 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion:138 Resp: 139862
 Ion Ratio Lower Upper
 138 100
 92 46.3 28.3 68.3
 108 71.5 49.2 89.2



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

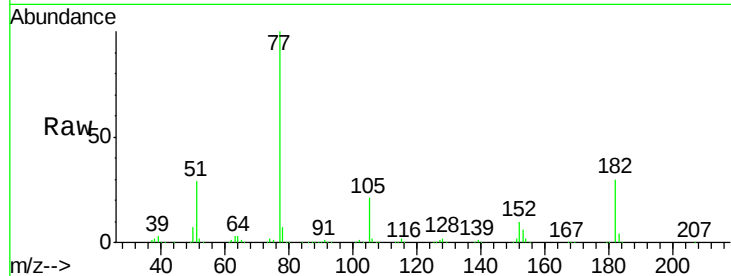




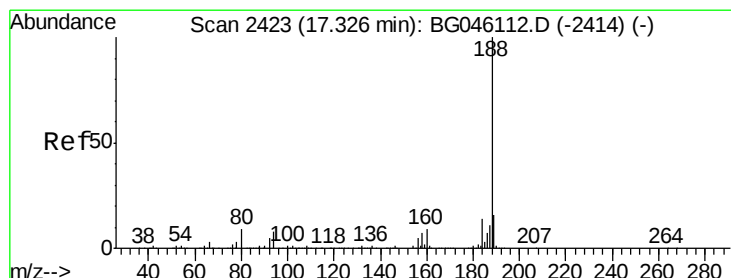
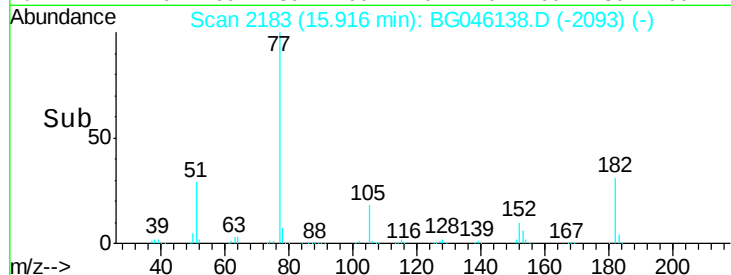
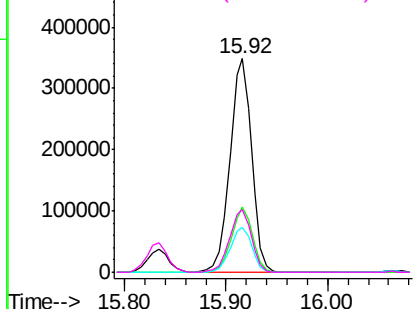
#63
Azobenzene
Concen: 34.318 ng
RT: 15.92 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion: 77 Resp: 514004
Ion Ratio Lower Upper
77 100
182 30.3 10.7 50.7
105 21.1 1.9 41.9
51 29.4 9.5 49.5

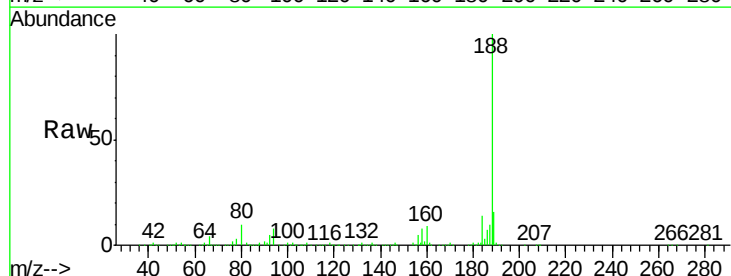


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

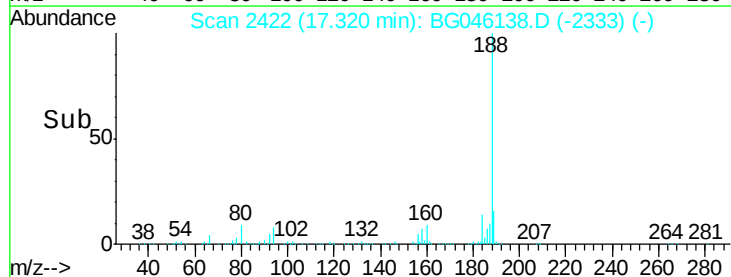
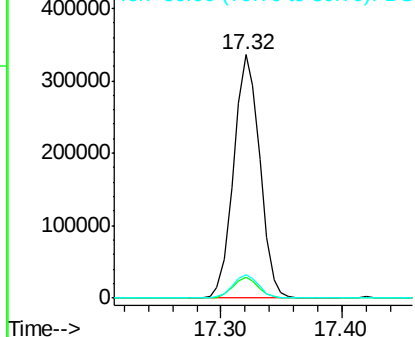


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion: 188 Resp: 506684
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.5 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 30.239 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

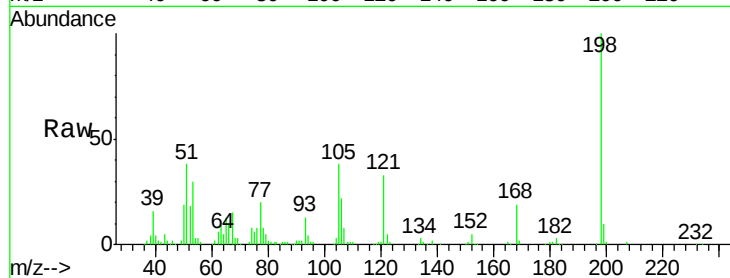
Tot Ion:198 Resp: 101331

Ion Ratio Lower Upper

198 100

51 38.2 20.1 60.1

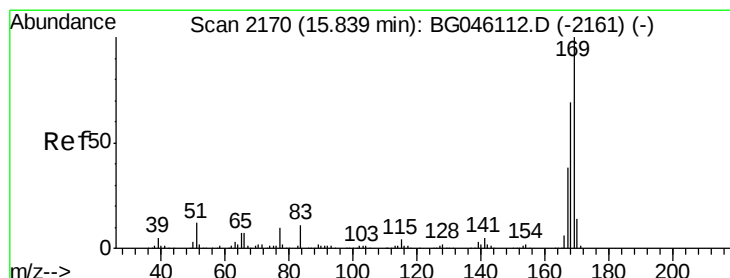
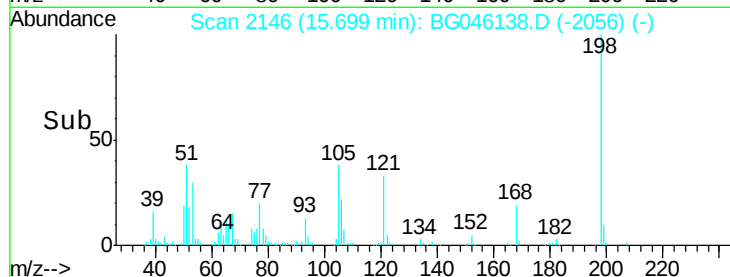
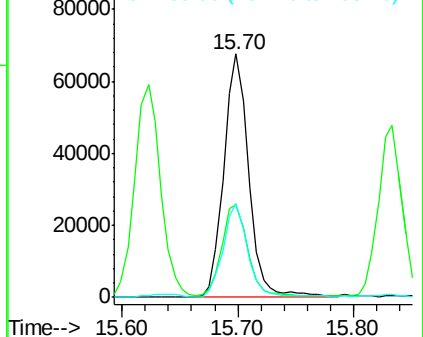
105 38.4 19.2 59.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.596 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

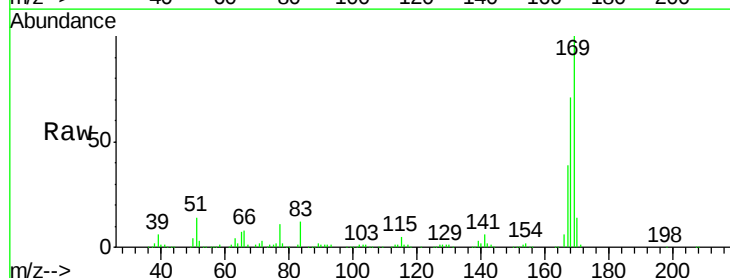
Tgt Ion:169 Resp: 499932

Ion Ratio Lower Upper

169 100

168 70.7 55.1 82.7

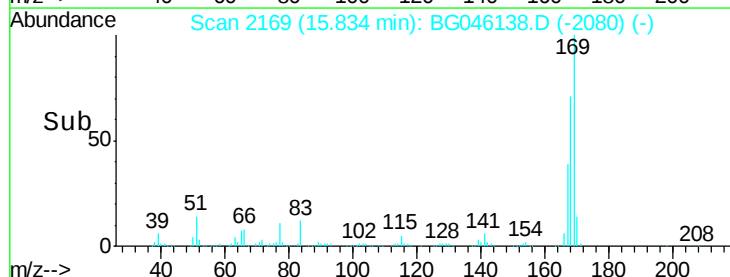
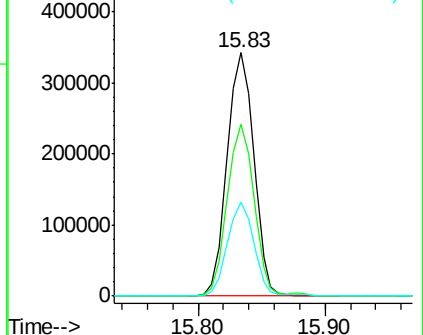
167 38.6 30.5 45.7

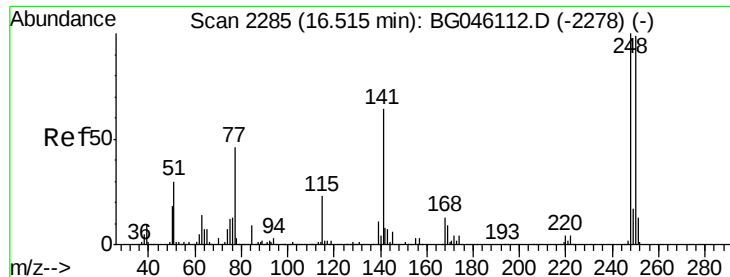


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

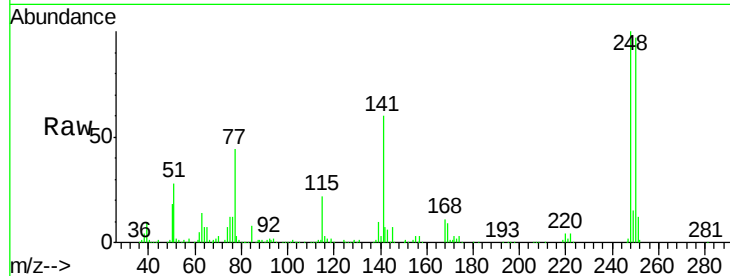




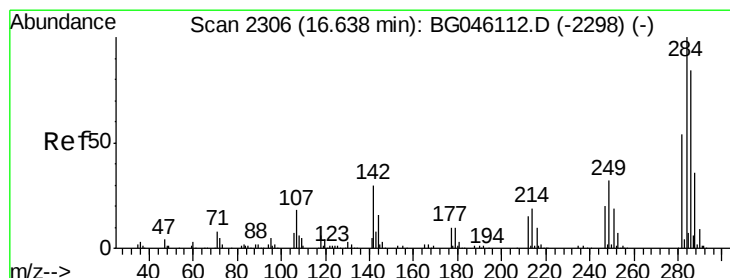
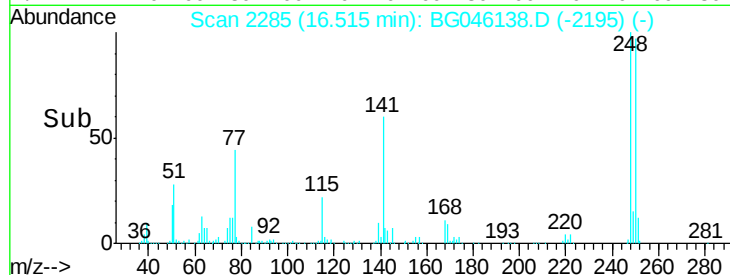
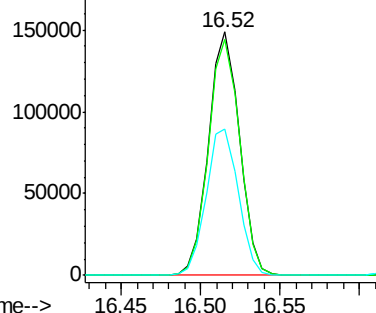
#67
4-Bromophenyl-phenylether
Concen: 32.385 ng
RT: 16.52 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion:248 Resp: 202719
Ion Ratio Lower Upper
248 100
250 97.0 79.4 119.0
141 60.0 50.9 76.3

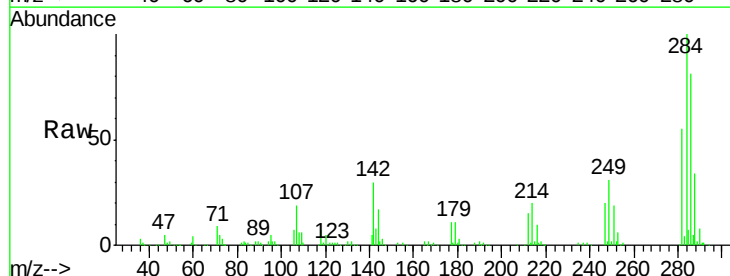


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

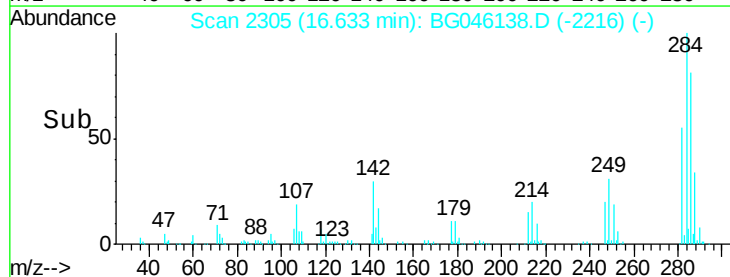
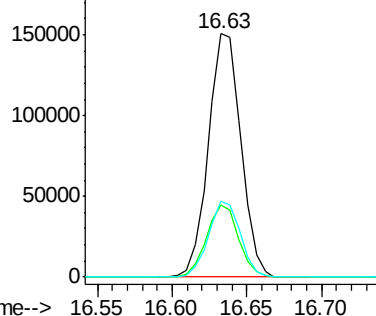


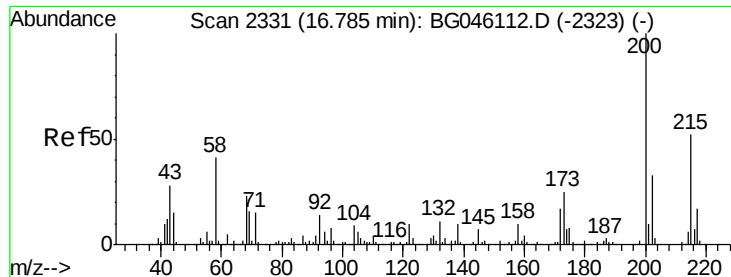
#68
Hexachlorobenzene
Concen: 32.420 ng
RT: 16.63 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:284 Resp: 227559
Ion Ratio Lower Upper
284 100
142 29.7 23.6 35.4
249 31.1 25.3 37.9



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





#69

Atrazine

Concen: 31.292 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

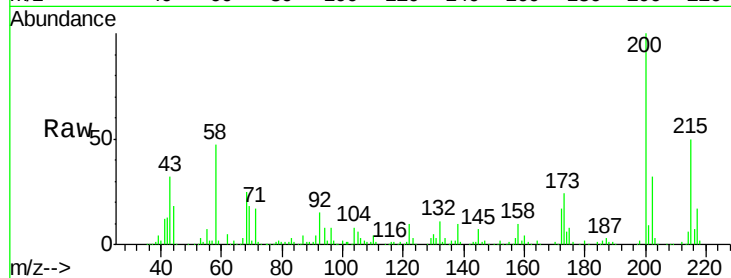
Tot Ion:200 Resp: 184808

Ion Ratio Lower Upper

200 100

173 24.3 5.3 45.3

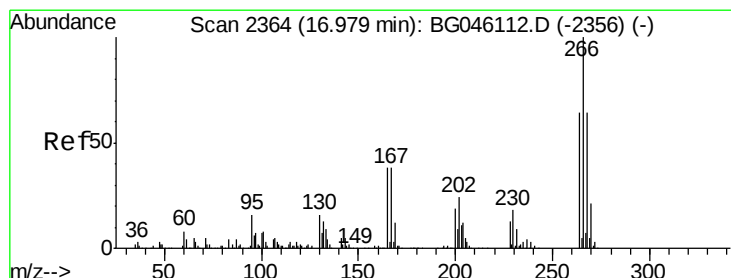
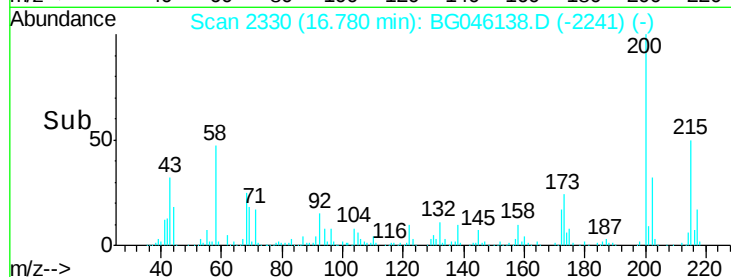
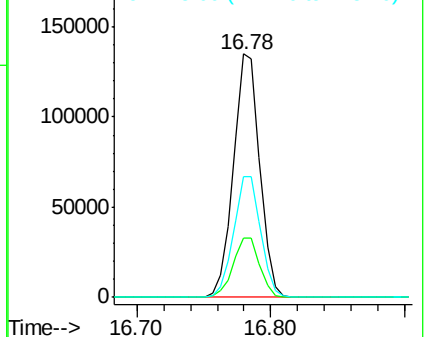
215 49.7 31.5 71.5



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



#70

Pentachlorophenol

Concen: 68.812 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

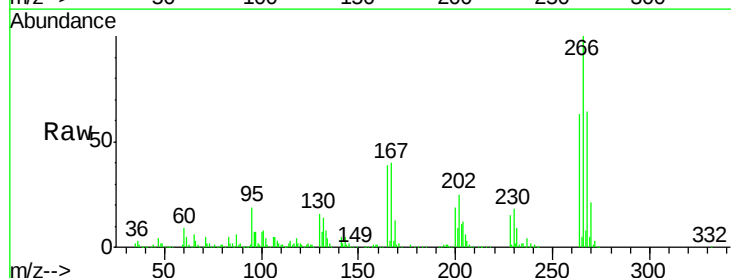
Tgt Ion:266 Resp: 313387

Ion Ratio Lower Upper

266 100

268 63.6 51.2 76.8

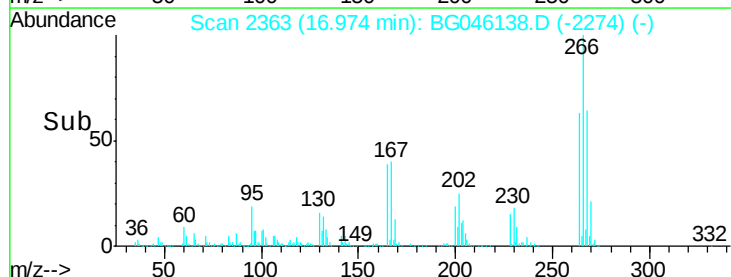
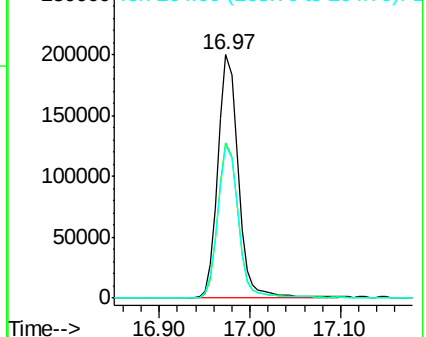
264 62.8 51.1 76.7

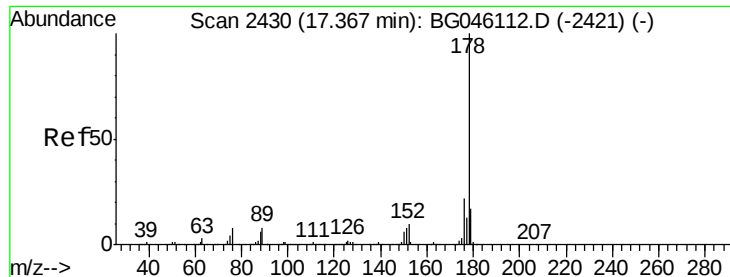


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

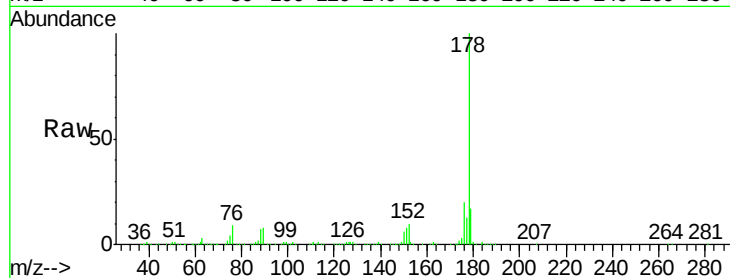




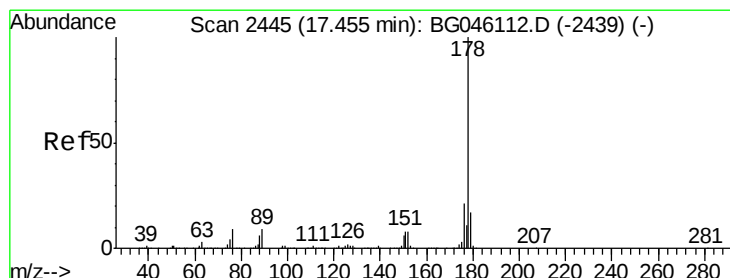
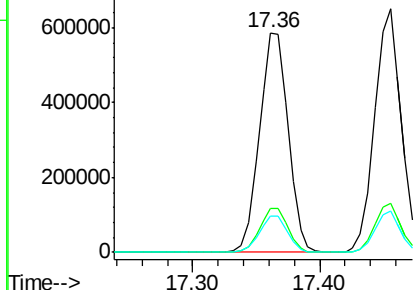
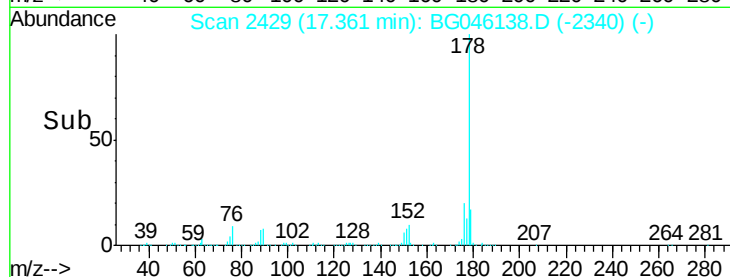
#71
Phenanthrene
Concen: 33.366 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion:178 Resp: 926092
Ion Ratio Lower Upper
178 100
176 20.2 17.3 25.9
179 16.6 13.8 20.6

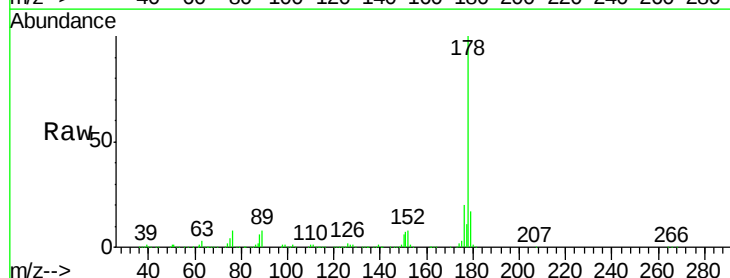


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

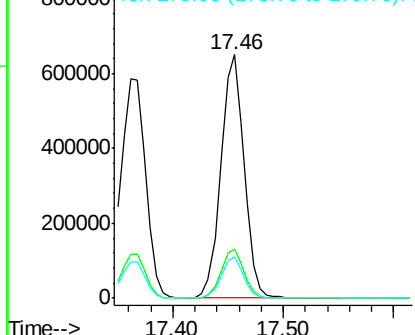
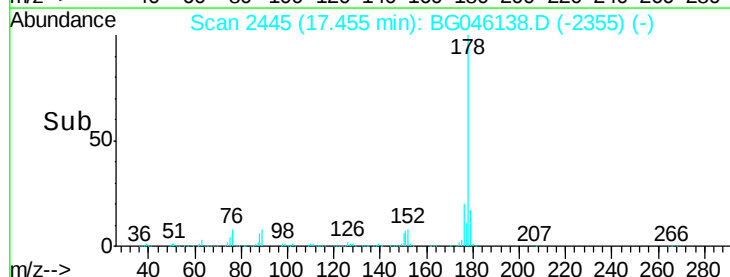


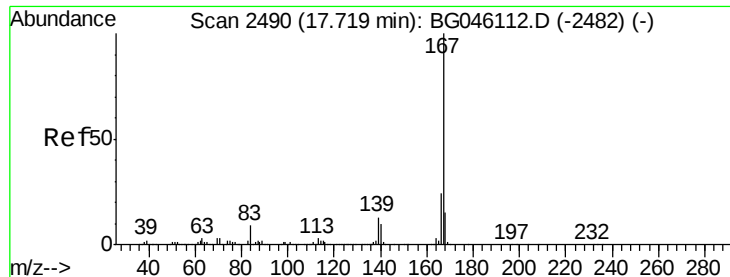
#72
Anthracene
Concen: 34.391 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:178 Resp: 949457
Ion Ratio Lower Upper
178 100
176 20.1 16.6 24.8
179 16.8 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

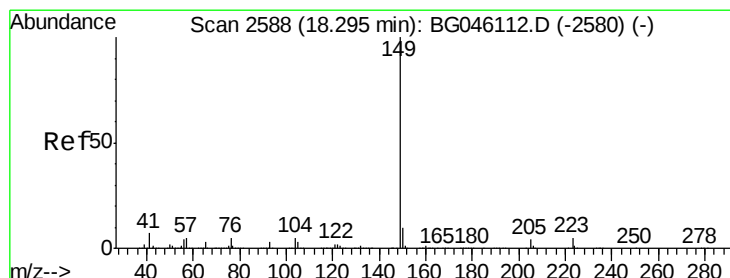
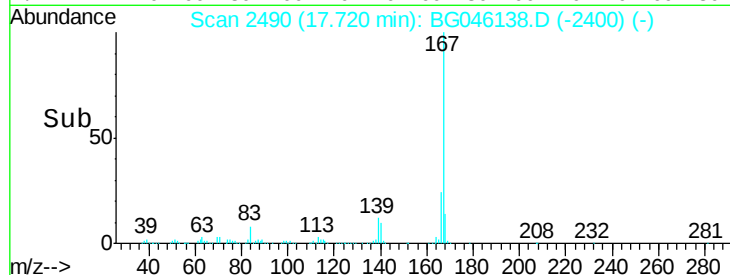
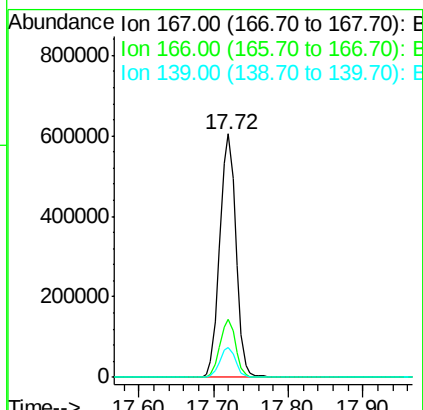
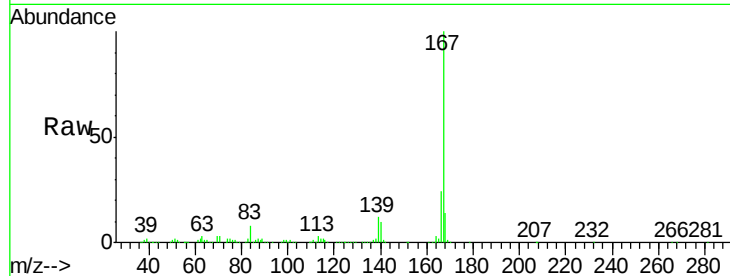




#73
 Carbazole
 Concen: 34.409 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

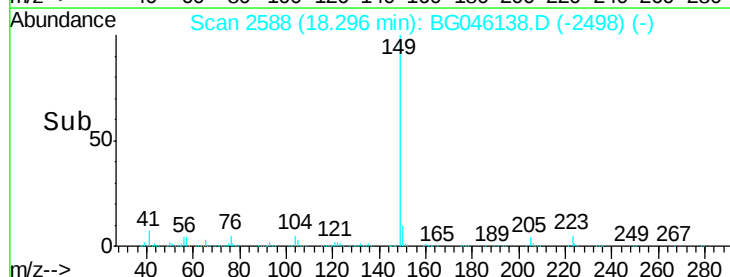
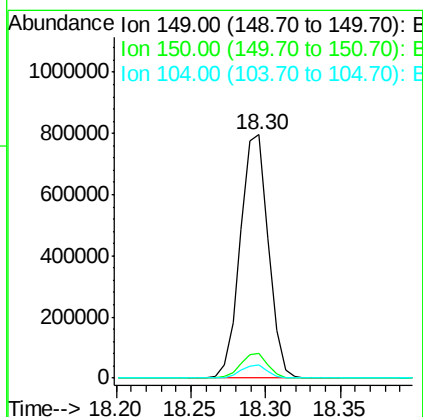
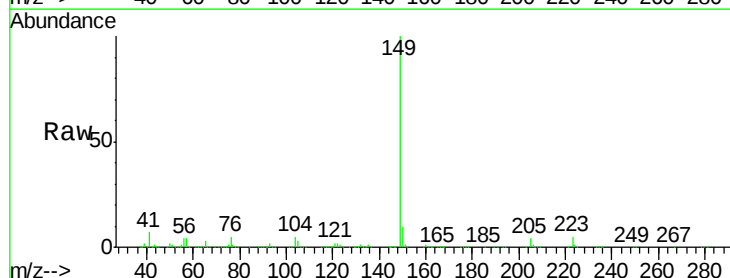
Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

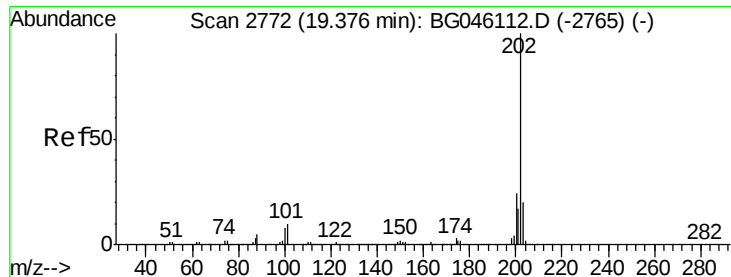
Tot Ion:167 Resp: 916004
 Ion Ratio Lower Upper
 167 100
 166 24.1 19.4 29.0
 139 12.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 37.254 ng
 RT: 18.30 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion:149 Resp: 1036629
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.4 12.6
 104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 35.609 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

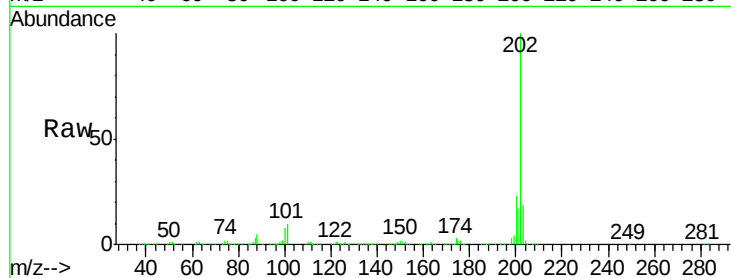
Tot Ion:202 Resp: 1233902

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.0

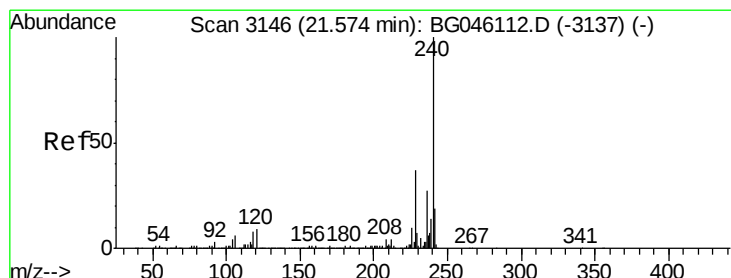
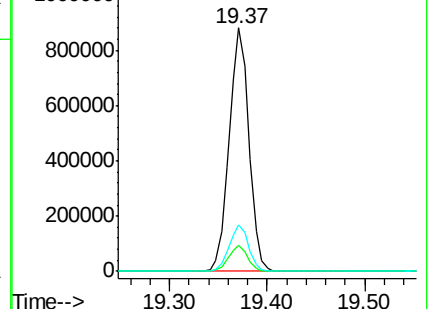
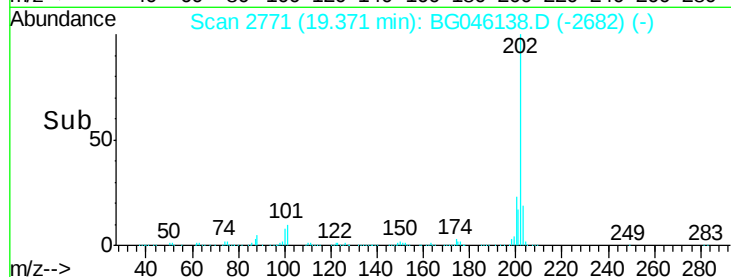
203 19.3 0.2 40.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

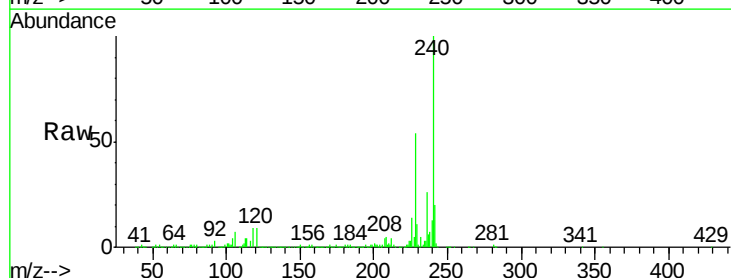
Tgt Ion:240 Resp: 593150

Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

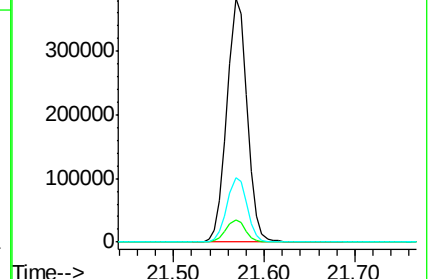
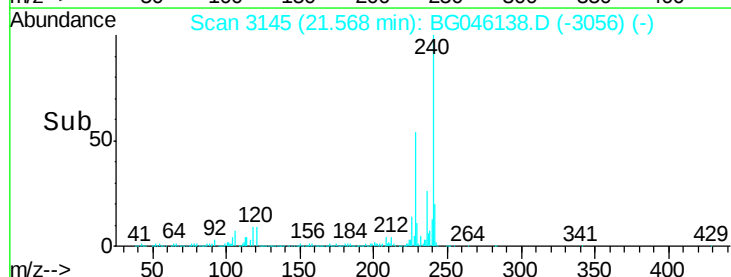
236 26.3 21.7 32.5

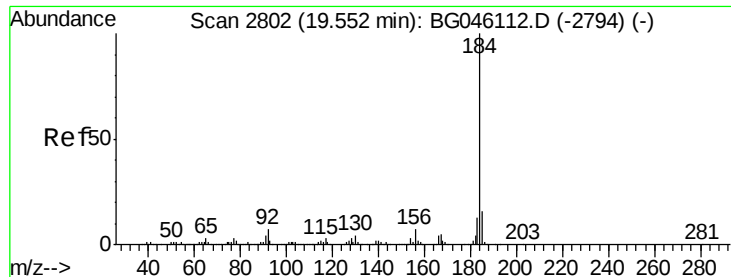


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.697 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

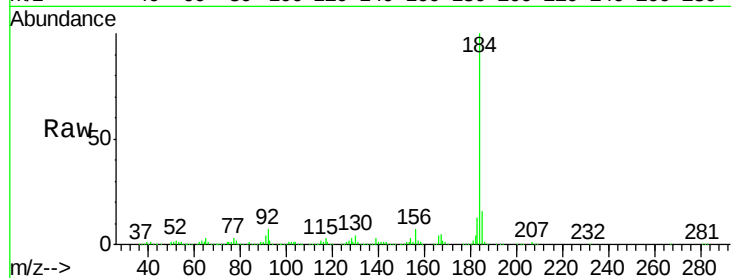
Tot Ion:184 Resp: 750974

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.4

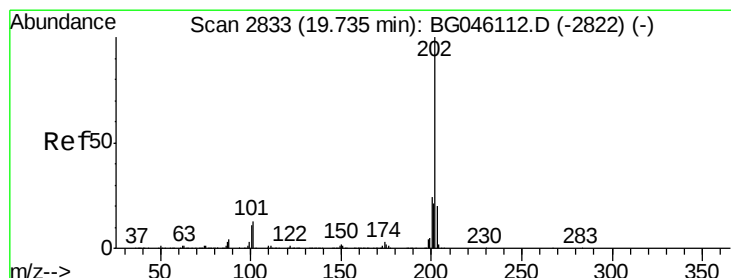
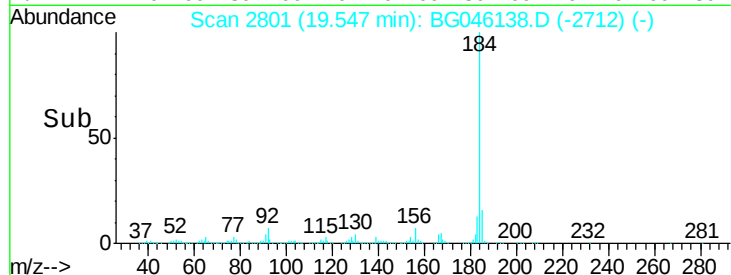
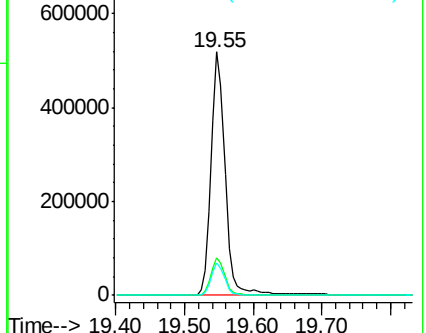
183 13.4 10.5 15.7



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



#78

Pyrene

Concen: 31.405 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

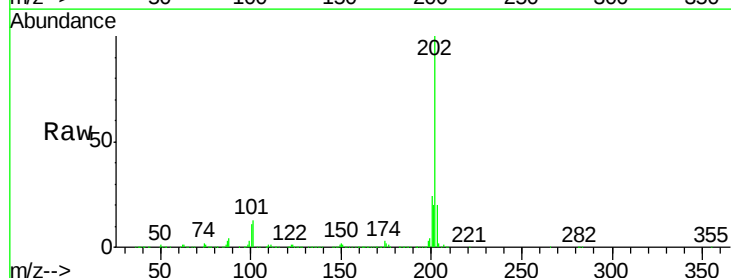
Tgt Ion:202 Resp: 1251629

Ion Ratio Lower Upper

202 100

200 23.9 19.5 29.3

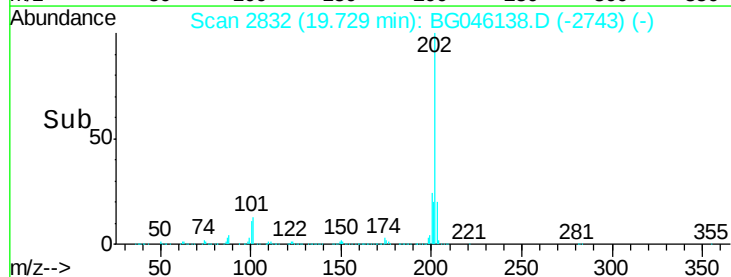
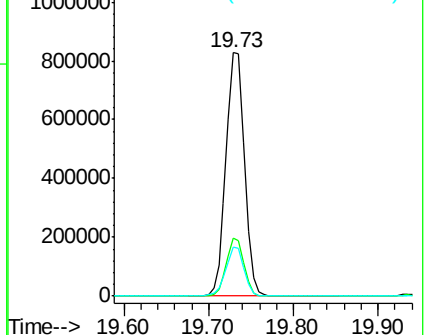
203 20.0 16.2 24.2

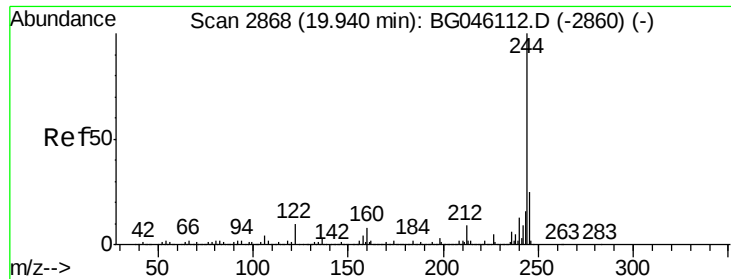


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.702 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

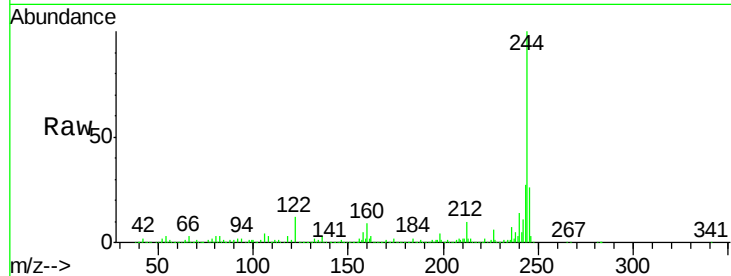
Tot Ion:244 Resp: 2233879

Ion Ratio Lower Upper

244 100

212 9.8 7.2 10.8

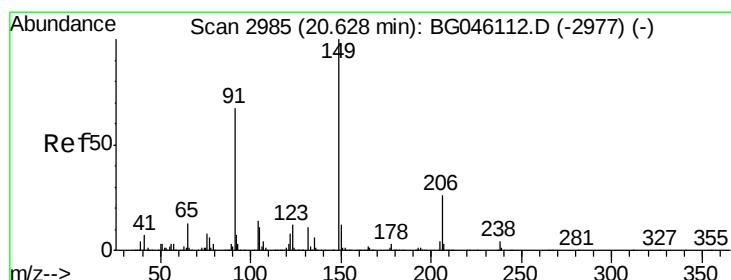
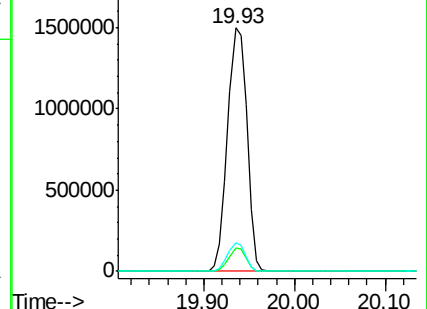
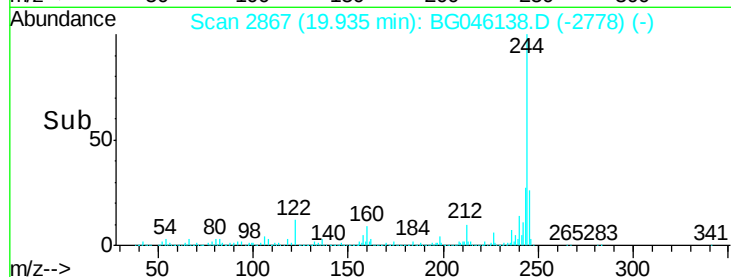
122 11.8 8.3 12.5



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



#80

Butylbenzylphthalate

Concen: 36.289 ng

RT: 20.63 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

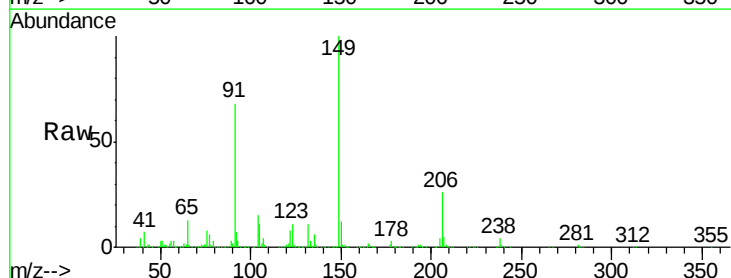
Tgt Ion:149 Resp: 523905

Ion Ratio Lower Upper

149 100

91 67.7 53.8 80.8

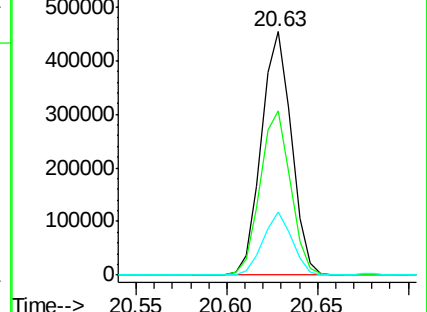
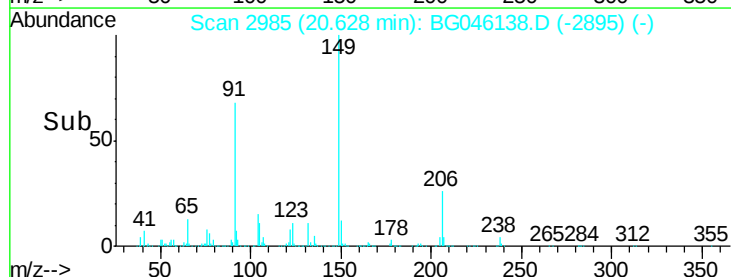
206 26.2 20.4 30.6

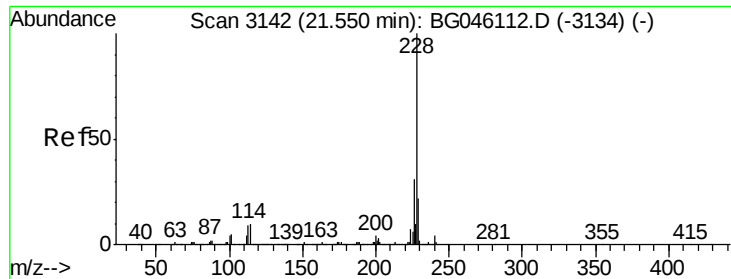


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

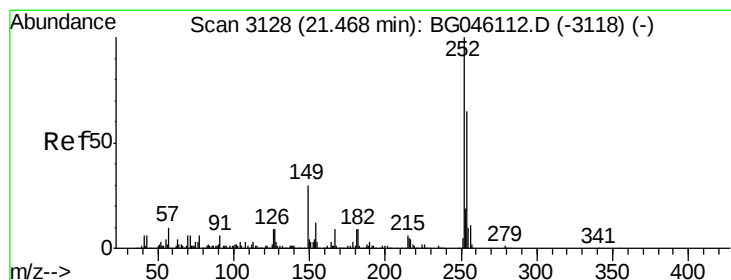
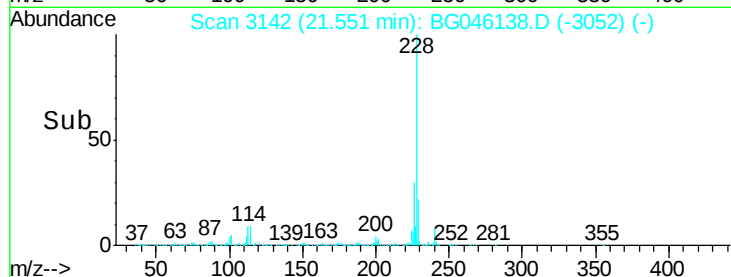
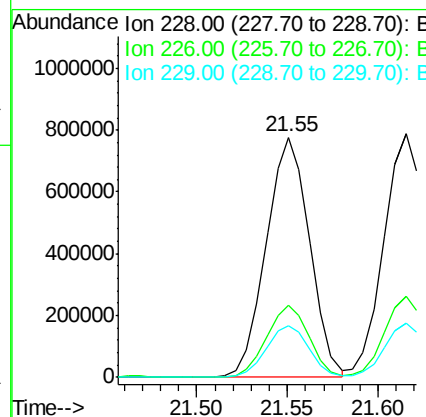
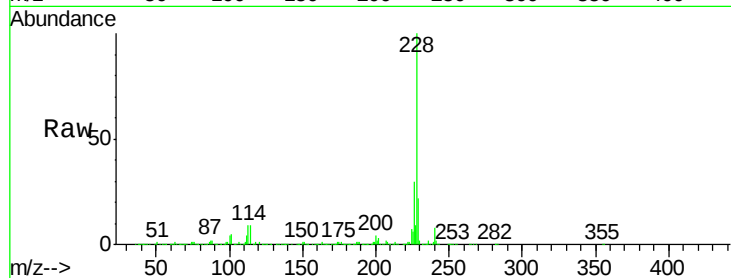




#81
Benzo(a)anthracene
Concen: 32.697 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

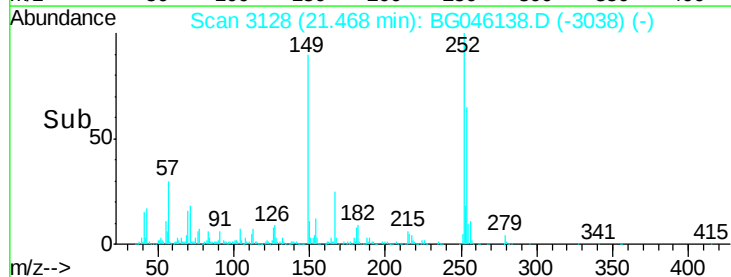
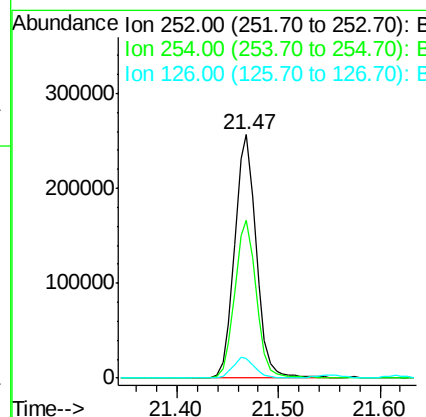
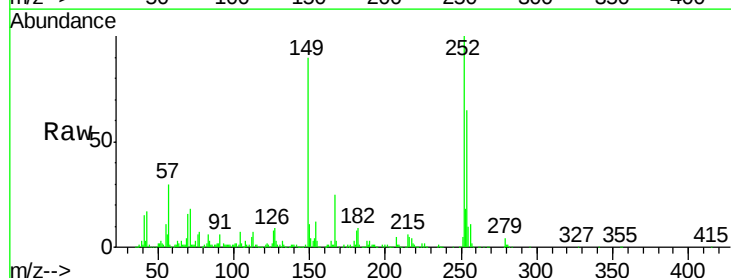
Instrument :
BNA_G
ClientSampleId :
PB130658BS

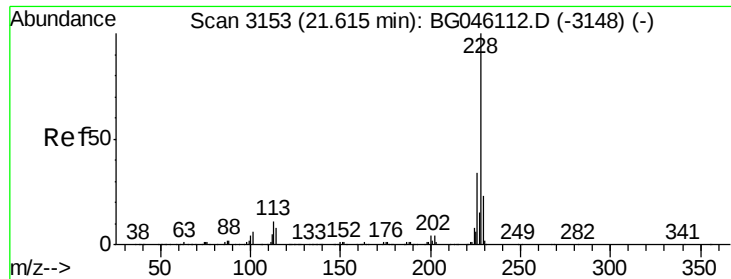
Tot Ion:228 Resp: 1297877
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 21.7 17.8 26.8



#82
3,3'-Dichlorobenzidine
Concen: 23.133 ng
RT: 21.47 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:252 Resp: 381315
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.8
126 8.1 7.1 10.7





#83

Chrysene

Concen: 32.340 ng

RT: 21.62 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

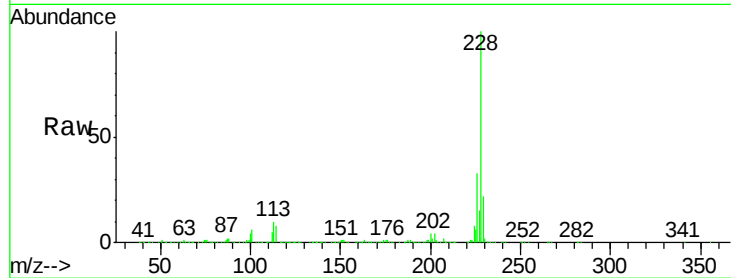
Tot Ion:228 Resp: 1257510

Ion Ratio Lower Upper

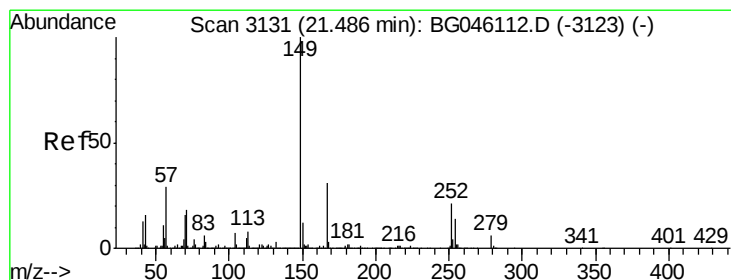
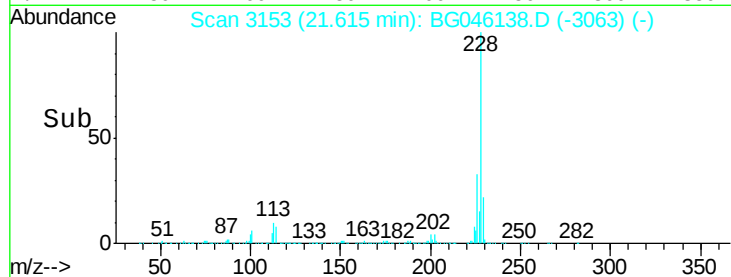
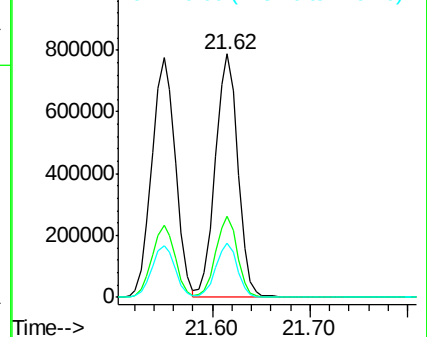
228 100

226 33.2 26.9 40.3

229 22.0 18.2 27.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.439 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

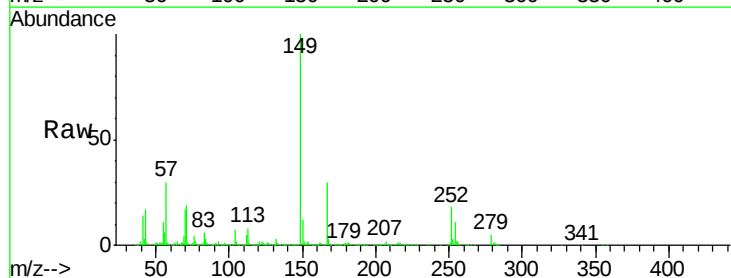
Tgt Ion:149 Resp: 752103

Ion Ratio Lower Upper

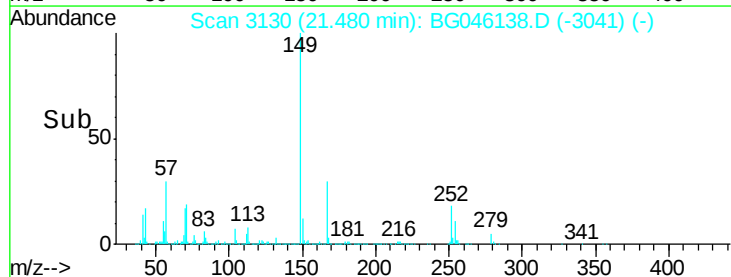
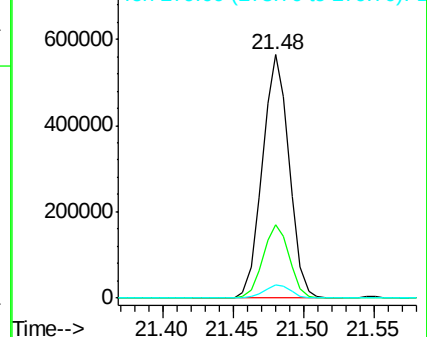
149 100

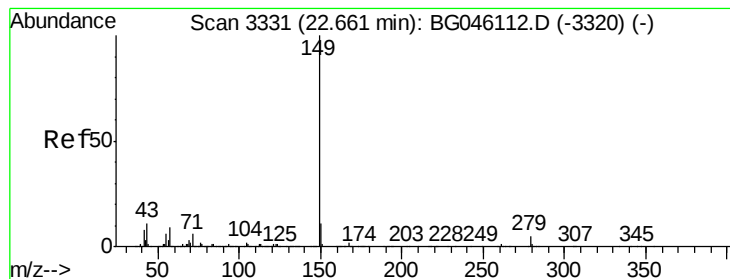
167 30.1 24.8 37.2

279 5.4 4.6 6.8



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





#85

Di-n-octyl phthalate

Concen: 36.624 ng

RT: 22.66 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

Instrument :

BNA_G

ClientSampleId :

PB130658BS

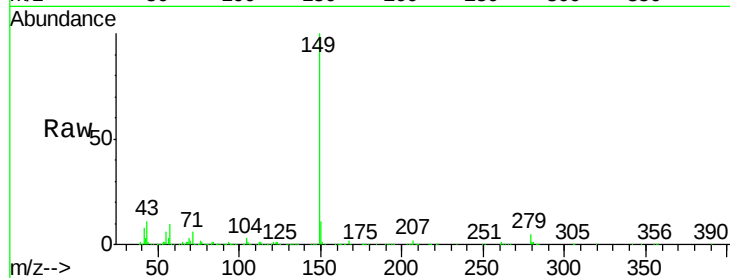
Tot Ion:149 Resp: 1279912

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

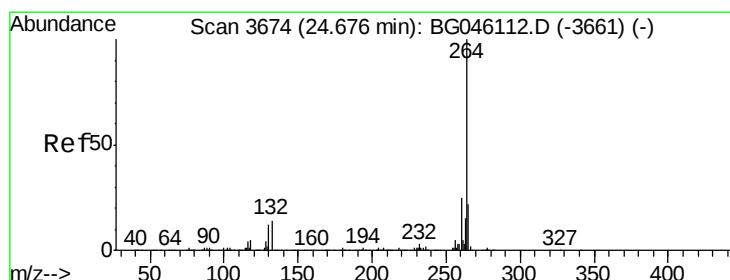
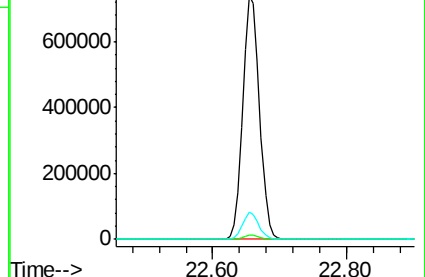
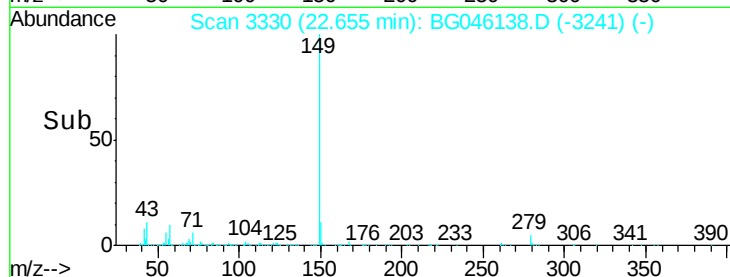
43 10.8 7.8 11.8



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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046138.D

Acq: 1 Aug 2020 00:53

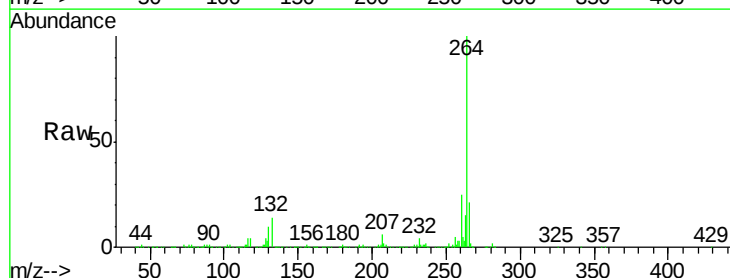
Tgt Ion:264 Resp: 638582

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

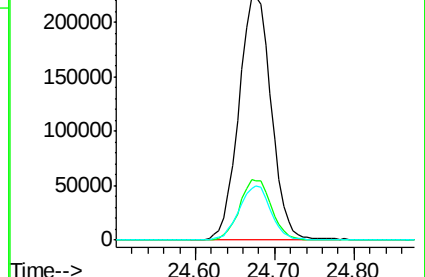
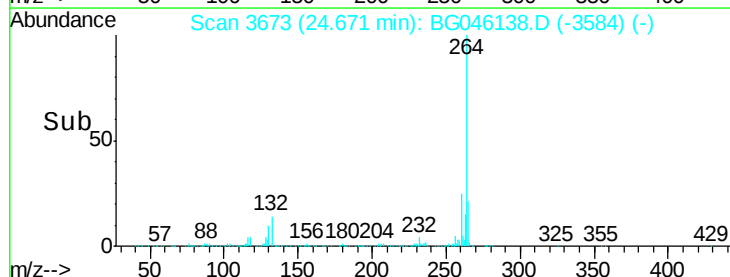
265 21.1 17.6 26.4

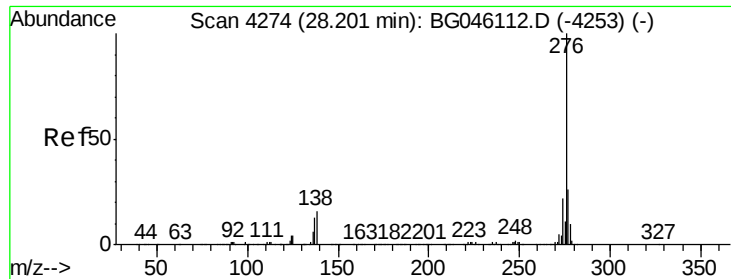


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

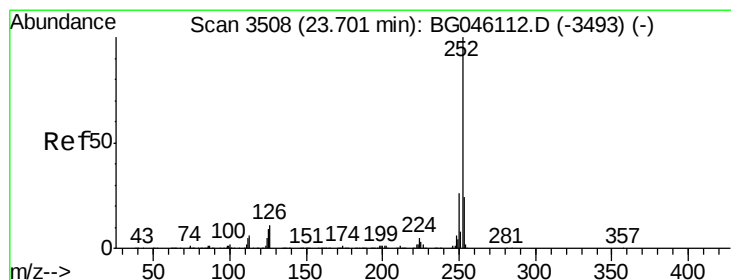
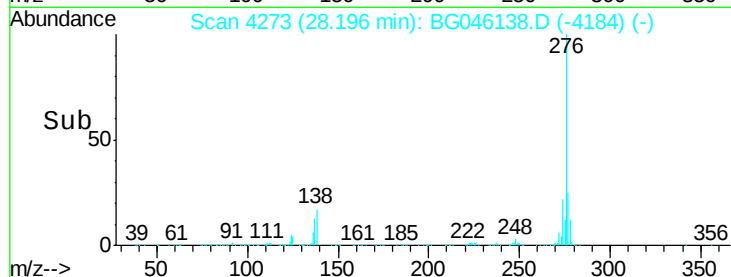
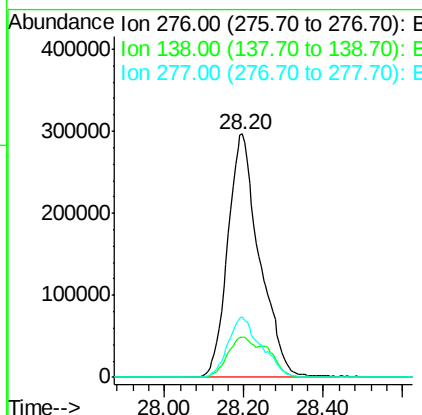
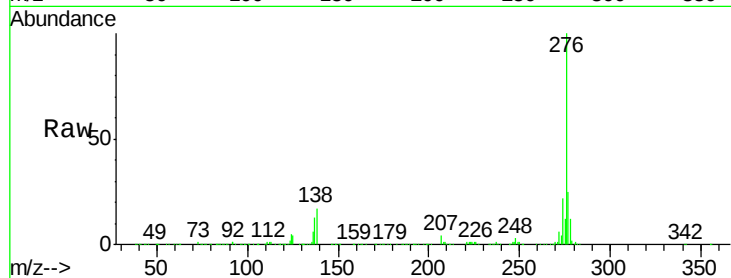




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 33.886 ng
 RT: 28.20 min Scan# 4273
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

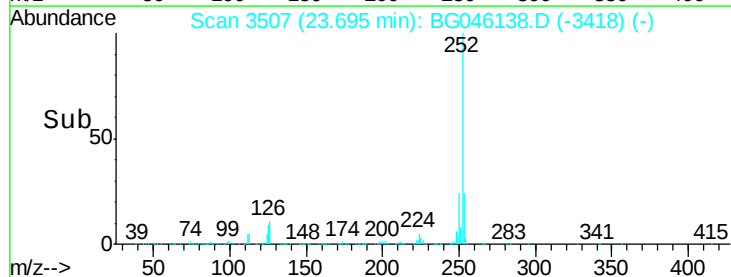
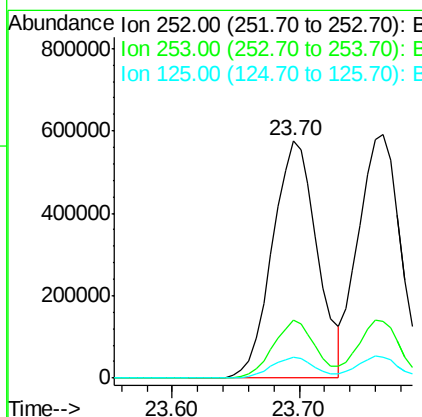
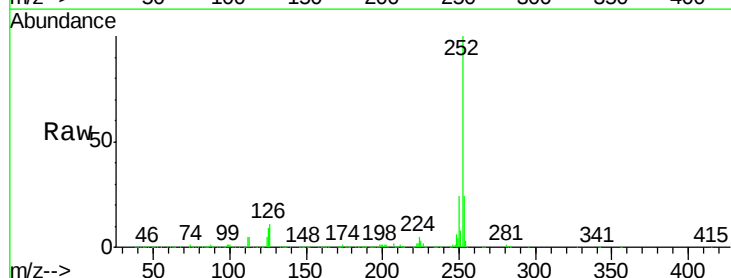
Instrument :
 BNA_G
 ClientSampleId :
 PB130658BS

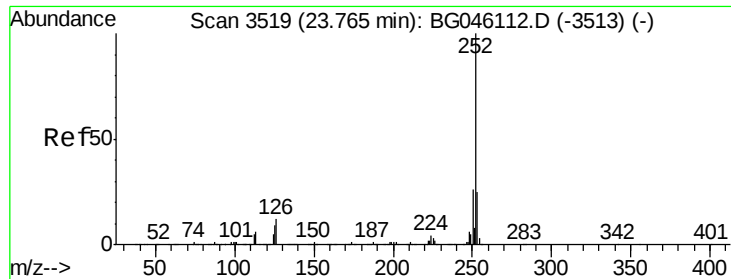
Tot Ion:276 Resp: 1650306
 Ion Ratio Lower Upper
 276 100
 138 13.5 11.6 17.4
 277 25.9 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 33.059 ng
 RT: 23.70 min Scan# 3507
 Delta R.T. -0.01 min
 Lab File: BG046138.D
 Acq: 1 Aug 2020 00:53

Tgt Ion:252 Resp: 1414690
 Ion Ratio Lower Upper
 252 100
 253 24.4 19.2 28.8
 125 8.8 7.2 10.8

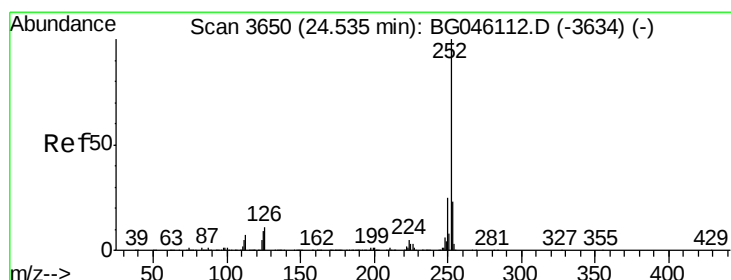
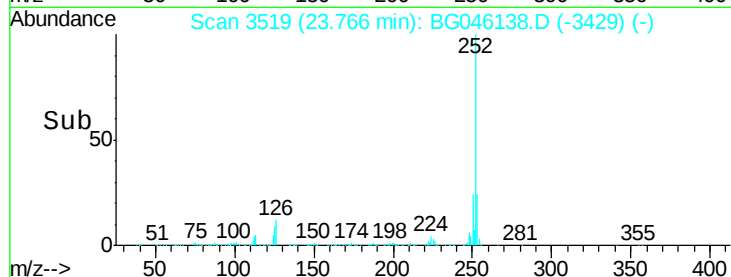
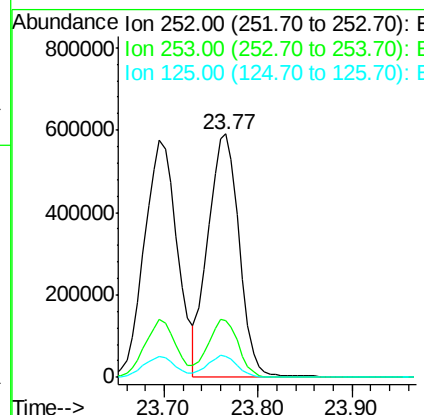
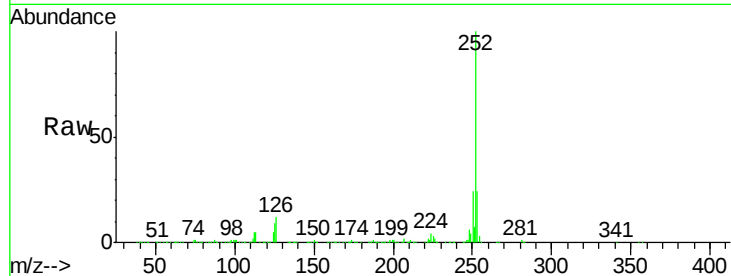




#89
Benzo(k)fluoranthene
Concen: 32.531 ng
RT: 23.77 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

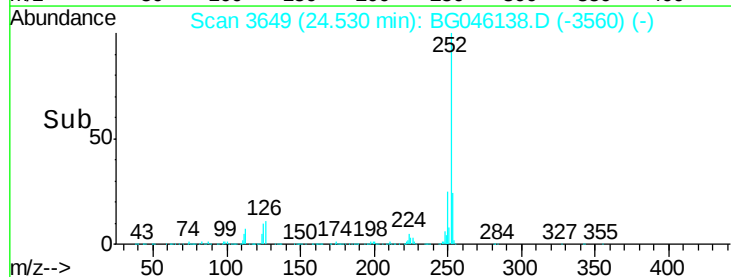
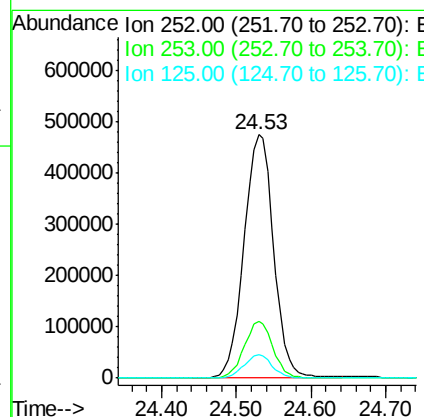
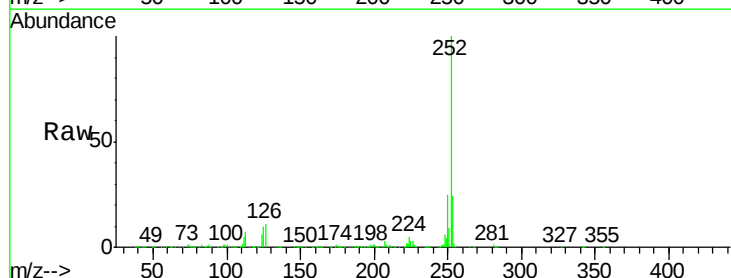
Instrument :
BNA_G
ClientSampleId :
PB130658BS

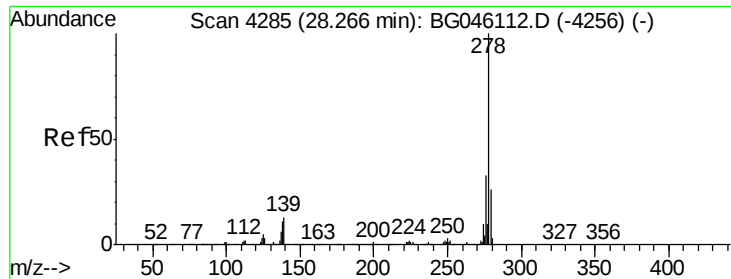
Tot Ion:252 Resp: 1365416
Ion Ratio Lower Upper
252 100
253 23.5 19.5 29.3
125 8.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 32.760 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:252 Resp: 1304478
Ion Ratio Lower Upper
252 100
253 23.5 18.6 27.8
125 9.6 7.1 10.7

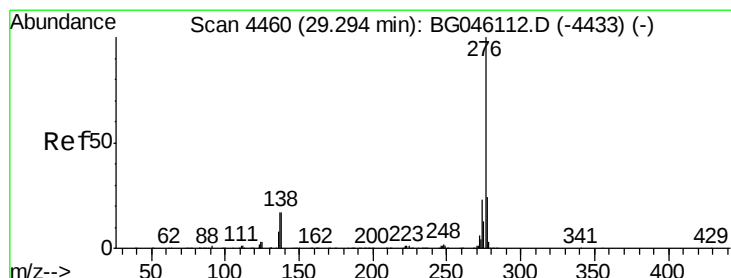
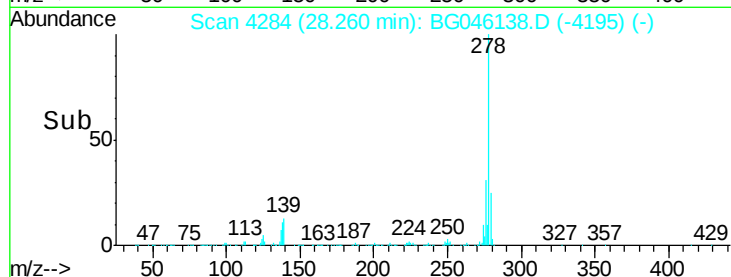
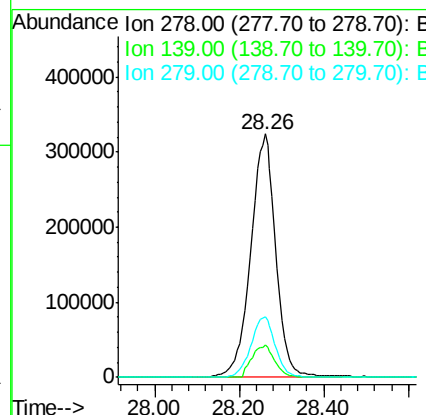
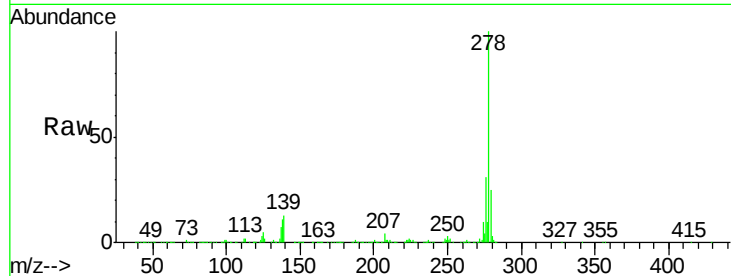




#91
Dibenzo(a,h)anthracene
Concen: 32.969 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Instrument :
BNA_G
ClientSampleId :
PB130658BS

Tot Ion:278 Resp: 1342284
Ion Ratio Lower Upper
278 100
139 13.4 10.8 16.2
279 25.0 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 33.713 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.01 min
Lab File: BG046138.D
Acq: 1 Aug 2020 00:53

Tgt Ion:276 Resp: 1386193
Ion Ratio Lower Upper
276 100
277 24.8 19.5 29.3
138 18.1 13.8 20.6

