

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073020\
 Data File : BG046116.D
 Acq On : 30 Jul 2020 18:36
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG073020

Quant Time: Jul 30 19:16:33 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	7.96	152	112767	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	414337	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	264744	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	606145	20.00	ng	0.00
76) Chrysene-d12	21.57	240	617006	20.00	ng	0.00
86) Perylene-d12	24.68	264	671415	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	535898	82.61	ng	0.00
7) Phenol-d6	7.12	99	726598	82.19	ng	0.00
23) Nitrobenzene-d5	9.11	82	643061	84.03	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	346536	85.22	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1454733	79.82	ng	0.00
79) Terphenyl-d14	19.94	244	2298769	75.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	121969	41.309	ng	97
3) Pyridine	3.85	79	329324	40.516	ng	98
4) n-Nitrosodimethylamine	3.76	42	144285	41.709	ng	98
6) Aniline	7.28	93	429305	40.794	ng	98
8) 2-Chlorophenol	7.52	128	291777	40.695	ng	99
9) Benzaldehyde	7.09	77	225948	43.070	ng	97
10) Phenol	7.15	94	361174	40.660	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	284978	40.334	ng	98
12) 1,3-Dichlorobenzene	7.85	146	347567	39.993	ng	97
13) 1,4-Dichlorobenzene	7.99	146	345716	39.616	ng	98
14) 1,2-Dichlorobenzene	8.31	146	328486	39.912	ng	99
15) Benzyl Alcohol	8.19	79	265199	43.421	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	463167	39.984	ng	99
17) 2-Methylphenol	8.40	107	250261	41.732	ng	100
18) Hexachloroethane	9.05	117	117826	40.371	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	236394	41.085	ng	99
20) 3+4-Methylphenols	8.72	107	345379	42.078	ng	98
22) Acetophenone	8.78	105	434170	40.831	ng	# 99
24) Nitrobenzene	9.15	77	336171	41.202	ng	98
25) Isophorone	9.68	82	641794	42.147	ng	99
26) 2-Nitrophenol	9.86	139	166139	44.929	ng	95
27) 2,4-Dimethylphenol	9.93	122	254105	42.237	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	334827	40.439	ng	98
29) 2,4-Dichlorophenol	10.40	162	303187	42.841	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	341602	41.204	ng	99
31) Naphthalene	10.80	128	882130	40.237	ng	99
32) Benzoic acid	10.07	122	177861	41.740	ng	97
33) 4-Chloroaniline	10.90	127	377182	42.102	ng	97
34) Hexachlorobutadiene	11.10	225	228163	41.342	ng	98
35) Caprolactam	11.67	113	102181	44.113	ng	# 85
36) 4-Chloro-3-methylphenol	12.03	107	298580	42.992	ng	97
37) 2-Methylnaphthalene	12.41	142	688955	40.841	ng	99
38) 1-Methylnaphthalene	12.63	142	648851	40.647	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	387438	40.617	ng	99

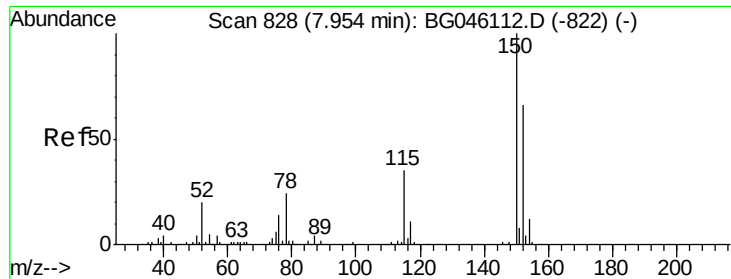
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	228150	41.699	ng	99
43) 2,4,6-Trichlorophenol	13.01	196	264175	43.409	ng	99
44) 2,4,5-Trichlorophenol	13.09	196	286728	43.181	ng	97
46) 1,1'-Biphenyl	13.42	154	840984	40.494	ng	98
47) 2-Chloronaphthalene	13.46	162	671503	40.534	ng	98
48) 2-Nitroaniline	13.65	65	193435	44.546	ng	97
49) Acenaphthylene	14.30	152	1046710	40.690	ng	98
50) Dimethylphthalate	14.04	163	829848	40.840	ng	100
51) 2,6-Dinitrotoluene	14.15	165	204172	43.175	ng	93
52) Acenaphthene	14.64	154	703355	41.429	ng	98
53) 3-Nitroaniline	14.48	138	199154	42.479	ng	99
54) 2,4-Dinitrophenol	14.68	184	111146	40.887	ng	91
55) Dibenzofuran	14.98	168	1030423	40.222	ng	98
56) 4-Nitrophenol	14.79	139	176022	43.245	ng	99
57) 2,4-Dinitrotoluene	14.94	165	280798	43.187	ng	96
58) Fluorene	15.63	166	830105	40.012	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	266907	42.675	ng	99
60) Diethylphthalate	15.40	149	819176	40.982	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	437948	40.417	ng	97
62) 4-Nitroaniline	15.64	138	205447	43.572	ng	99
63) Azobenzene	15.92	77	764155	40.791	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	176892	44.127	ng	93
66) n-Nitrosodiphenylamine	15.84	169	754920	41.144	ng	98
67) 4-Bromophenyl-phenylether	16.52	248	307478	41.060	ng	97
68) Hexachlorobenzene	16.64	284	340985	40.609	ng	99
69) Atrazine	16.78	200	298709	42.279	ng	99
70) Pentachlorophenol	16.98	266	234880	43.111	ng	97
71) Phenanthrene	17.37	178	1337741	40.289	ng	100
72) Anthracene	17.46	178	1337514	40.498	ng	99
73) Carbazole	17.72	167	1306594	41.028	ng	99
74) Di-n-butylphthalate	18.29	149	1396236	41.943	ng	99
75) Fluoranthene	19.37	202	1670646	40.302	ng	98
77) Benzidine	19.55	184	732112	41.890	ng	99
78) Pyrene	19.73	202	1691988	40.813	ng	99
80) Butylbenzylphthalate	20.63	149	658151	43.825	ng	99
81) Benzo(a)anthracene	21.55	228	1674179	40.546	ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	731443	42.659	ng	96
83) Chrysene	21.62	228	1641480	40.582	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	895923	41.729	ng	99
85) Di-n-octyl phthalate	22.66	149	1575736	43.346	ng	99
87) Indeno(1,2,3-cd)pyrene	28.20	276	2128292	41.563	ng	# 95
88) Benzo(b)fluoranthene	23.70	252	1871051	41.585	ng	99
89) Benzo(k)fluoranthene	23.77	252	1766578	40.030	ng	100
90) Benzo(a)pyrene	24.53	252	1749208	41.780	ng	99
91) Dibenzo(a,h)anthracene	28.27	278	1746295	40.795	ng	97
92) Benzo(g,h,i)perylene	29.29	276	1756007	40.619	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG046116.D

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Instrument :

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ClientSampleId :

ICVBG073020

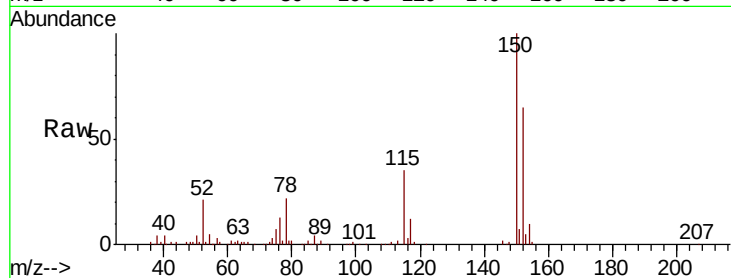
Tot Ion:152 Resp: 112767

Ion Ratio Lower Upper

152 100

150 153.9 122.1 183.1

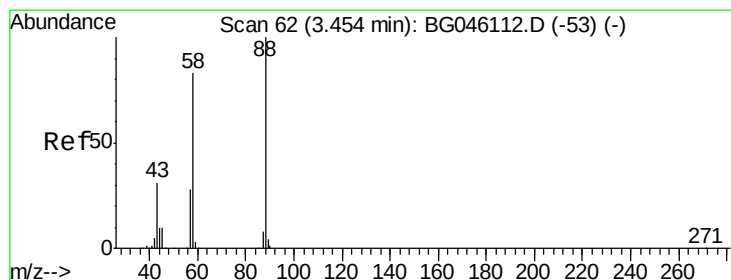
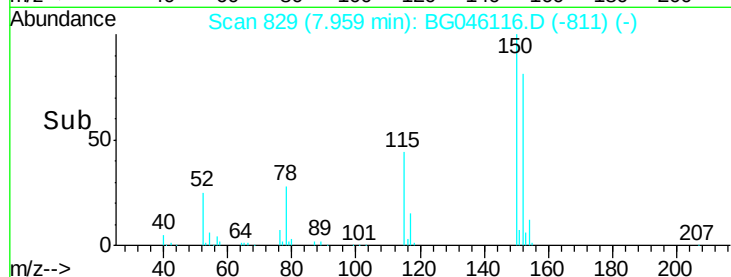
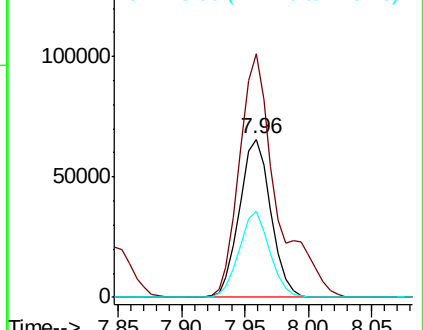
115 54.1 43.2 64.8



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: 41.309 ng

RT: 3.46 min Scan# 63

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

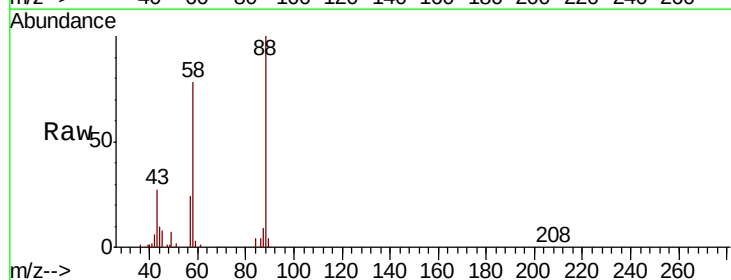
Tgt Ion: 88 Resp: 121969

Ion Ratio Lower Upper

88 100

58 80.0 66.5 99.7

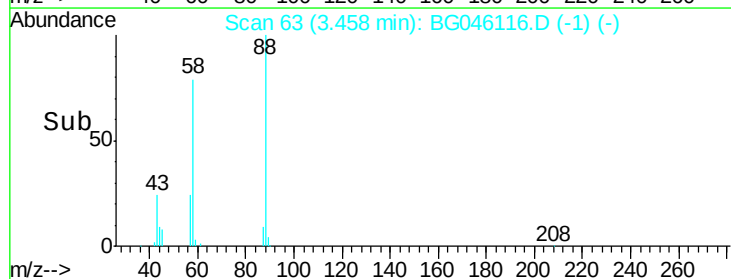
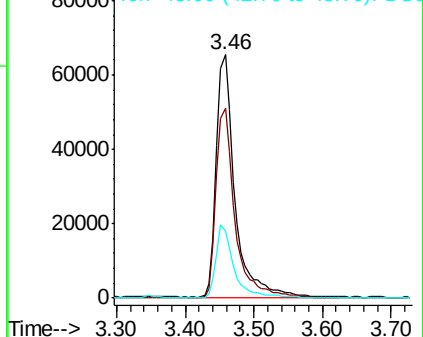
43 28.9 23.8 35.8

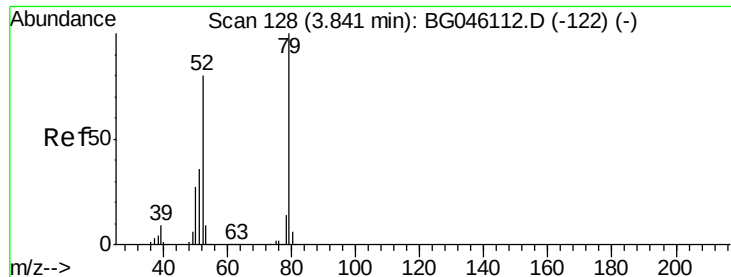


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.516 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

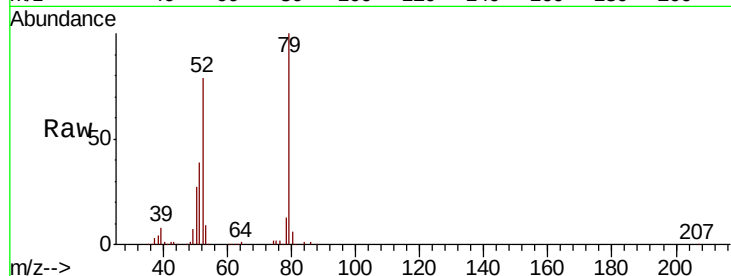
Tot Ion: 79 Resp: 329324

Ion Ratio Lower Upper

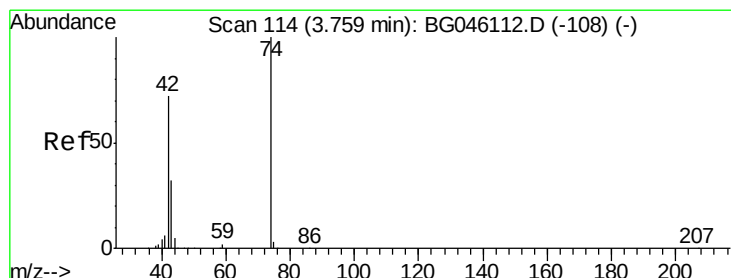
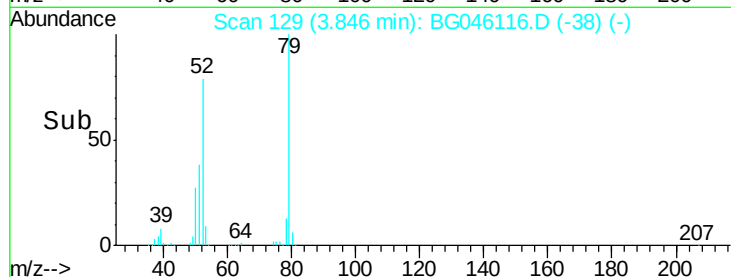
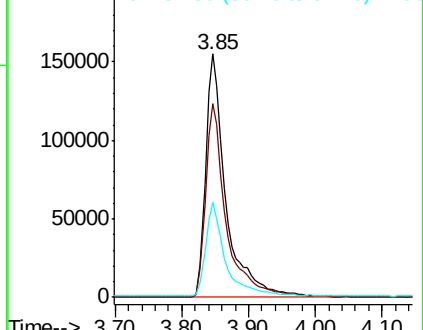
79 100

52 79.3 64.3 96.5

51 38.9 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.709 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

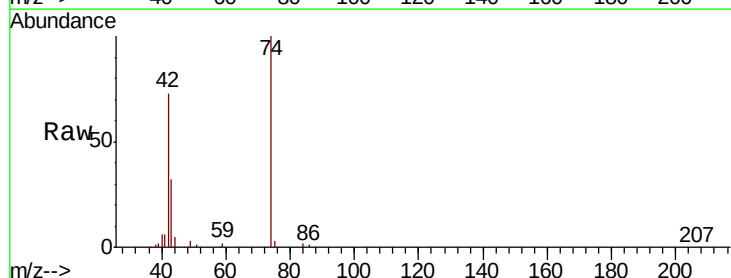
Tgt Ion: 42 Resp: 144285

Ion Ratio Lower Upper

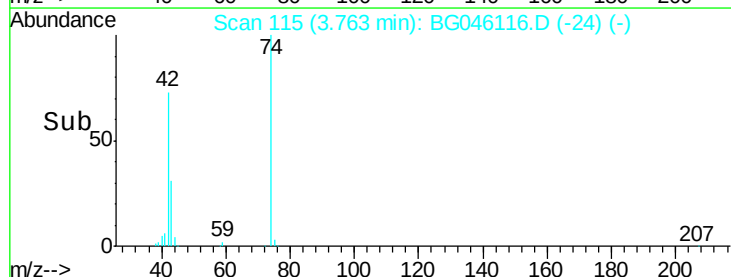
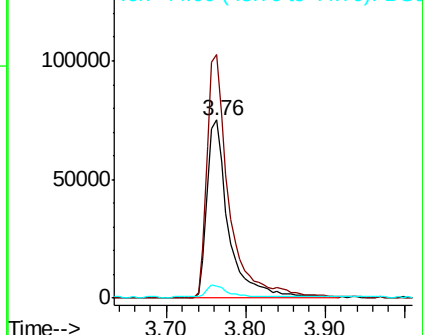
42 100

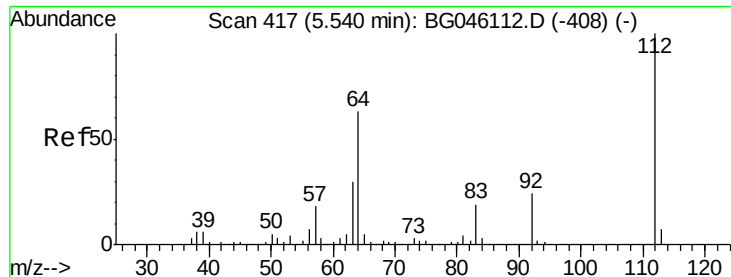
74 136.7 111.6 167.4

44 6.9 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.612 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

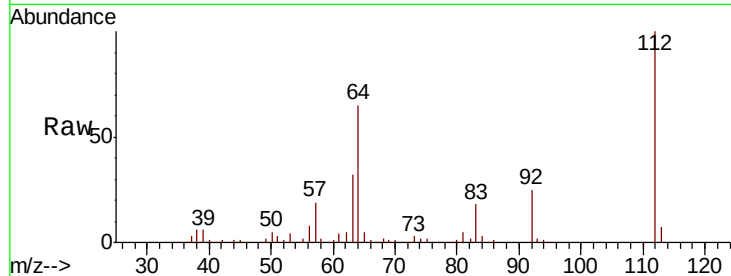
Tot Ion: 112 Resp: 535898

Ion Ratio Lower Upper

112 100

64 65.0 50.2 75.2

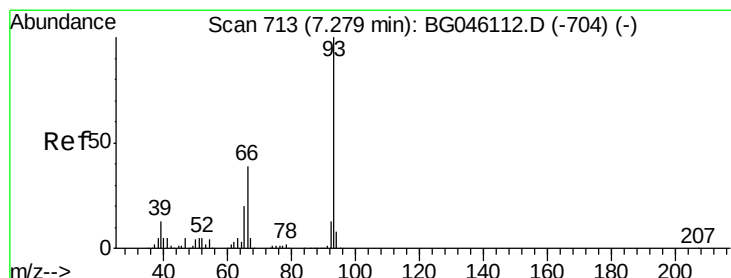
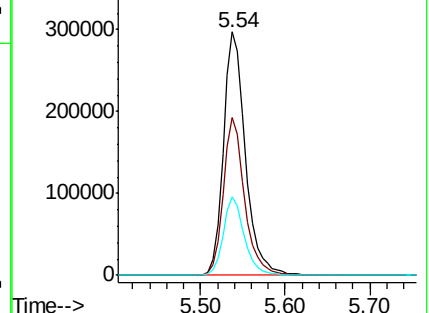
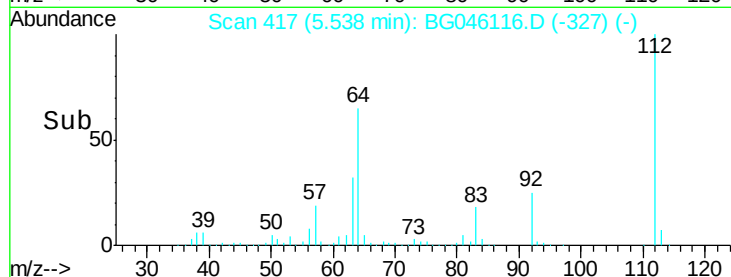
63 32.1 24.2 36.4



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: 40.794 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

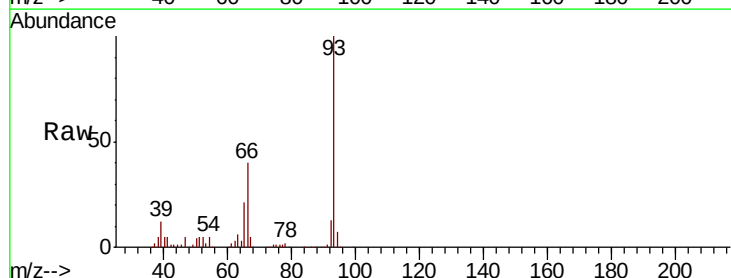
Tgt Ion: 93 Resp: 429305

Ion Ratio Lower Upper

93 100

66 40.0 31.0 46.4

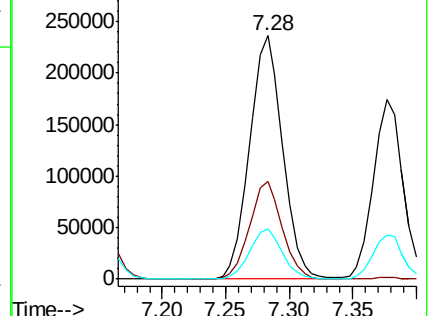
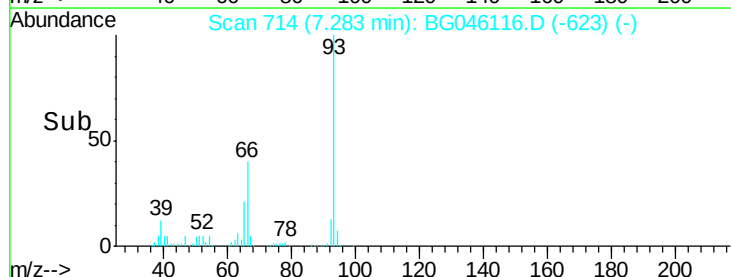
65 20.7 15.9 23.9

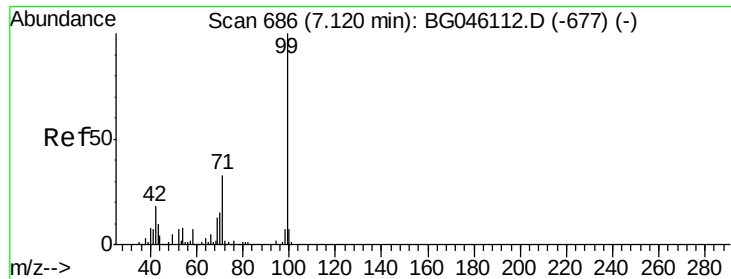


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.187 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

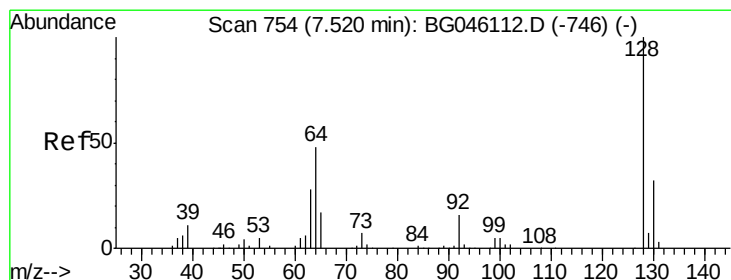
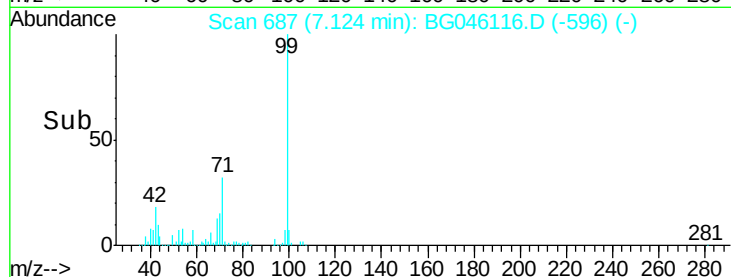
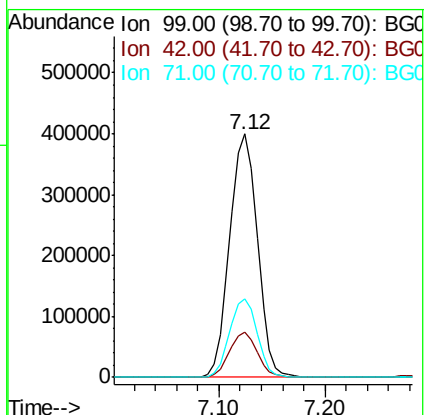
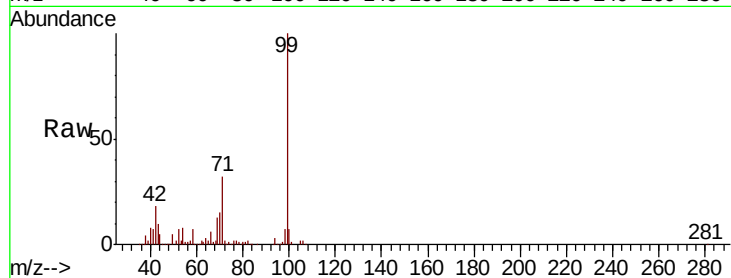
Tot Ion: 99 Resp: 726598

Ion Ratio Lower Upper

99 100

42 18.5 14.7 22.1

71 32.4 26.5 39.7



#8

2-Chlorophenol

Concen: 40.695 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

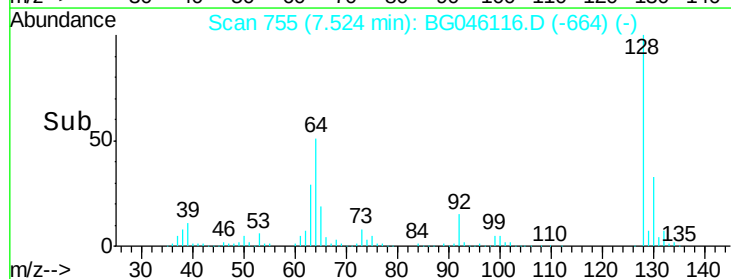
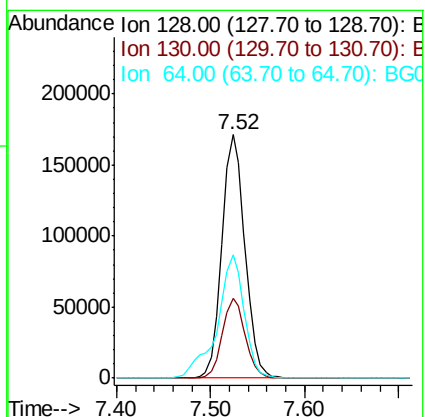
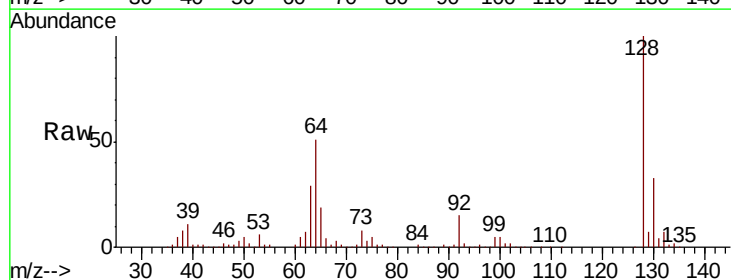
Tgt Ion: 128 Resp: 291777

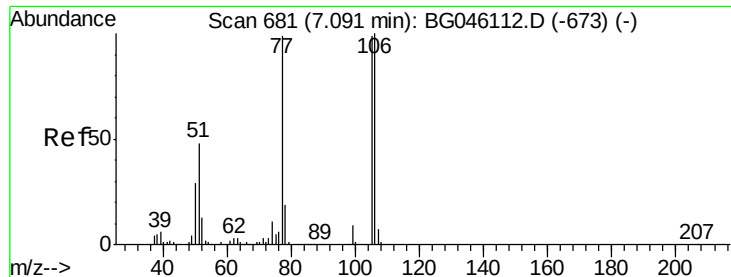
Ion Ratio Lower Upper

128 100

130 32.6 11.6 51.6

64 50.7 30.6 70.6





#9

Benzaldehyde

Concen: 43.070 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

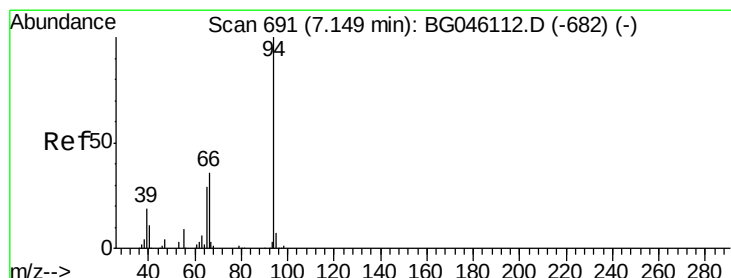
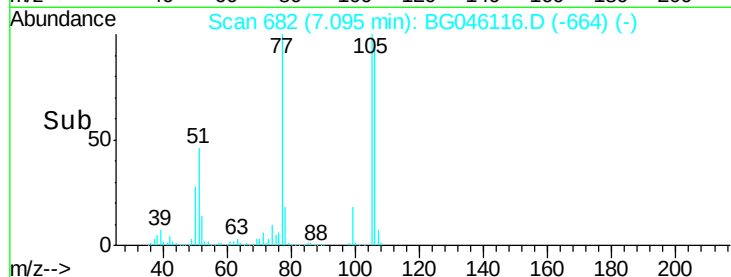
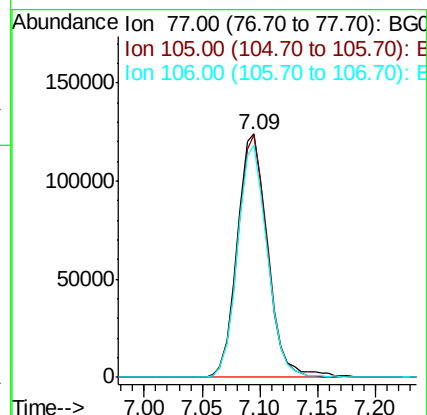
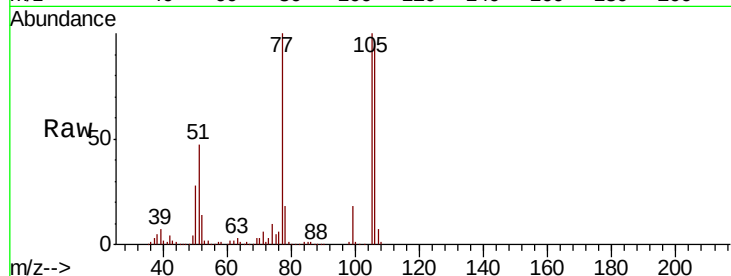
Tot Ion: 77 Resp: 225948

Ion Ratio Lower Upper

77 100

105 99.7 80.3 120.3

106 95.2 81.5 121.5



#10

Phenol

Concen: 40.660 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

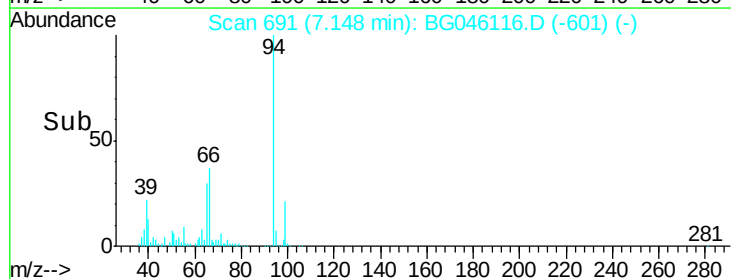
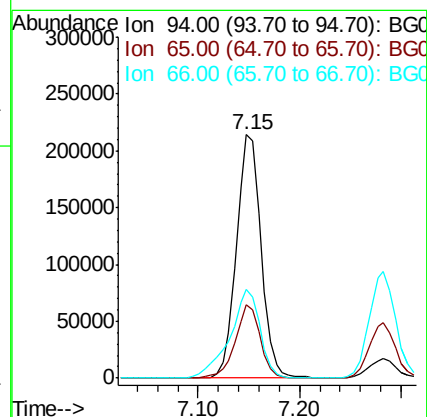
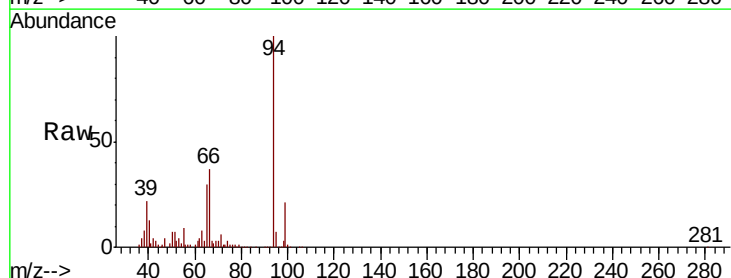
Tgt Ion: 94 Resp: 361174

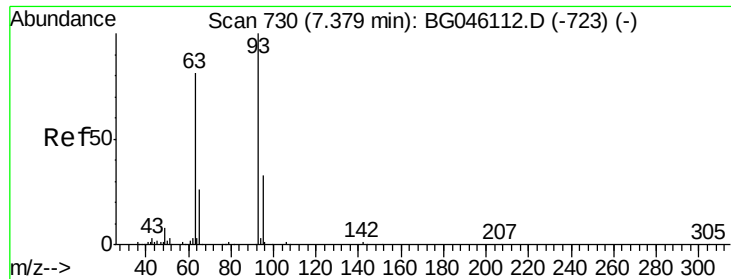
Ion Ratio Lower Upper

94 100

65 30.3 9.6 49.6

66 36.7 16.3 56.3





#11

bis(2-Chloroethyl)ether

Concen: 40.334 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

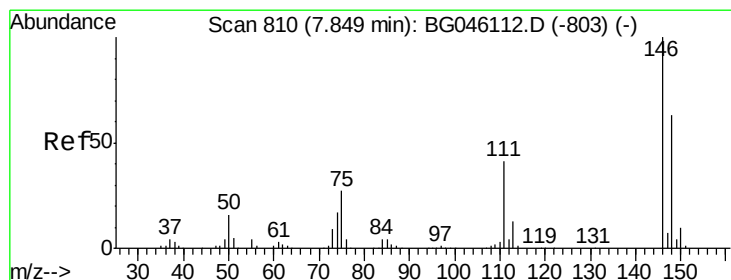
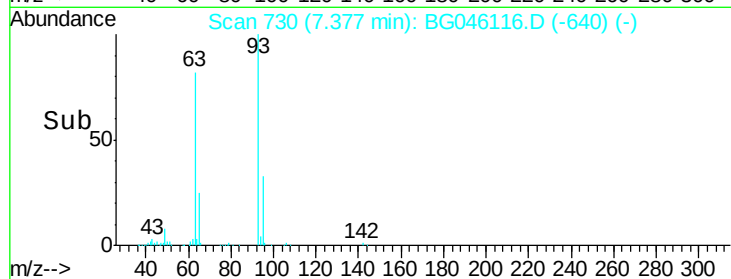
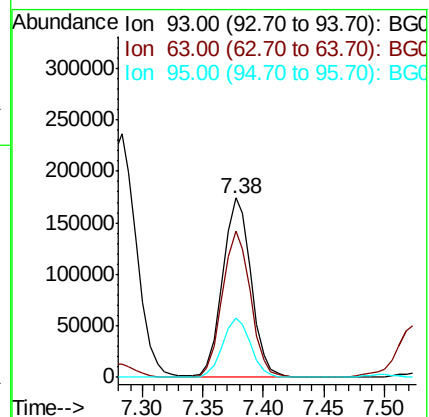
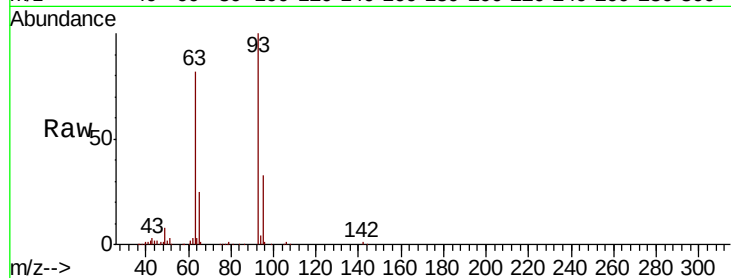
Tot Ion: 93 Resp: 284978

Ion Ratio Lower Upper

93 100

63 81.8 60.0 100.0

95 33.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.993 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

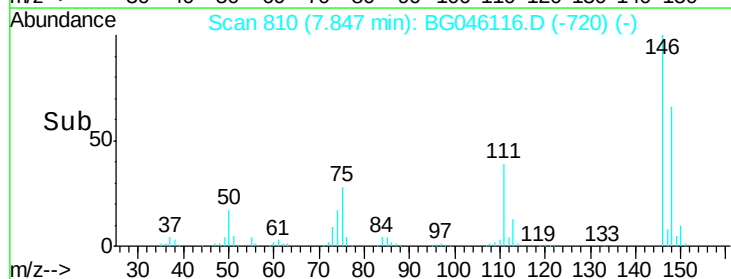
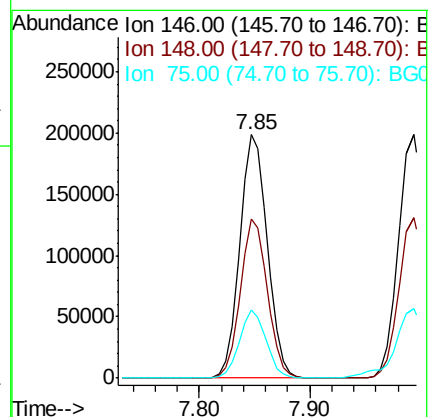
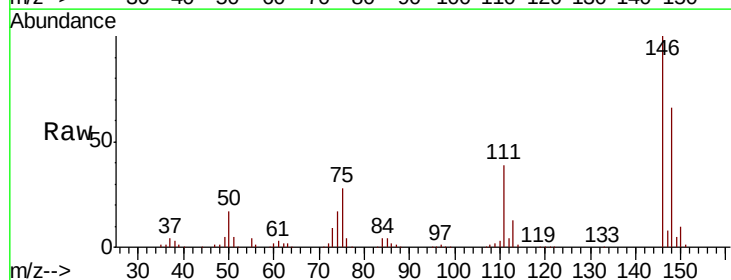
Tgt Ion: 146 Resp: 347567

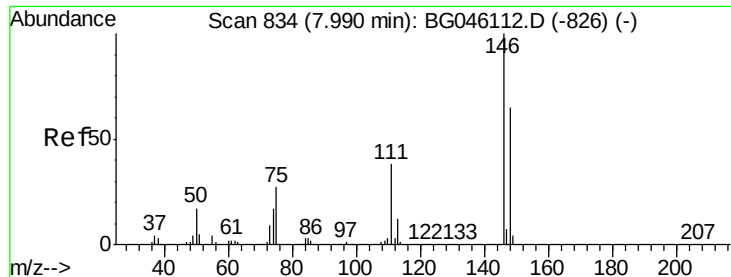
Ion Ratio Lower Upper

146 100

148 65.6 50.5 75.7

75 28.2 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 39.616 ng

RT: 7.99 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

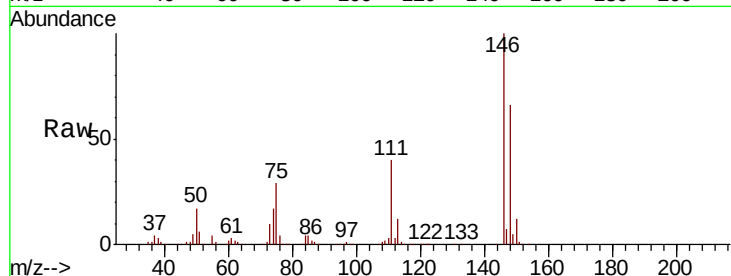
Tot Ion:146 Resp: 345716

Ion Ratio Lower Upper

146 100

148 65.9 51.8 77.6

111 39.9 30.7 46.1



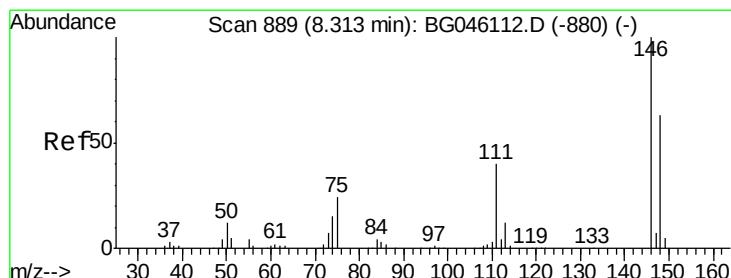
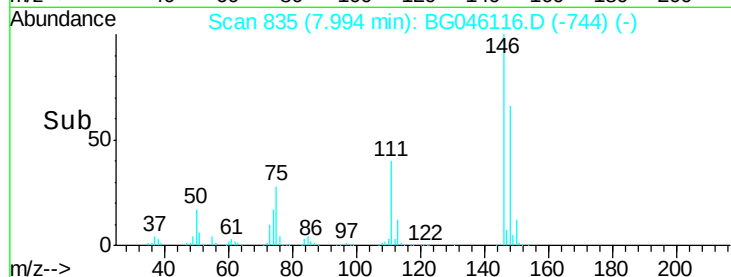
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.99

Time-->



#14

1,2-Dichlorobenzene

Concen: 39.912 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

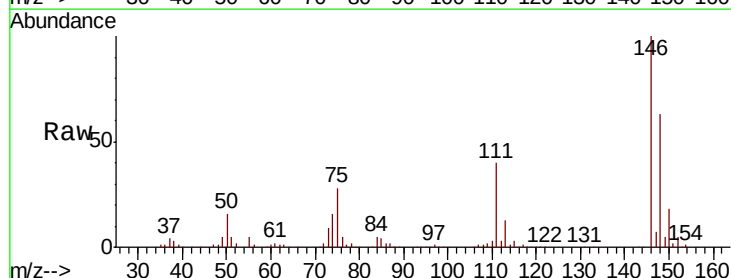
Tgt Ion:146 Resp: 328486

Ion Ratio Lower Upper

146 100

148 62.5 50.8 76.2

111 39.7 32.4 48.6



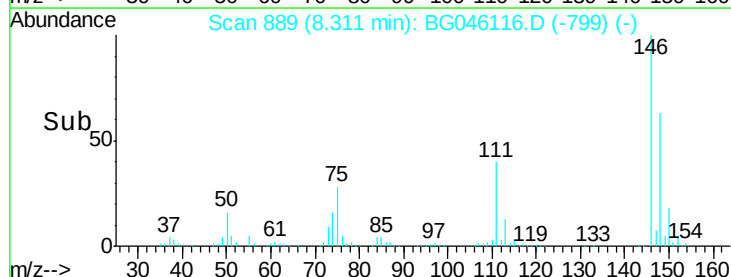
Abundance Ion 146.00 (145.70 to 146.70): E

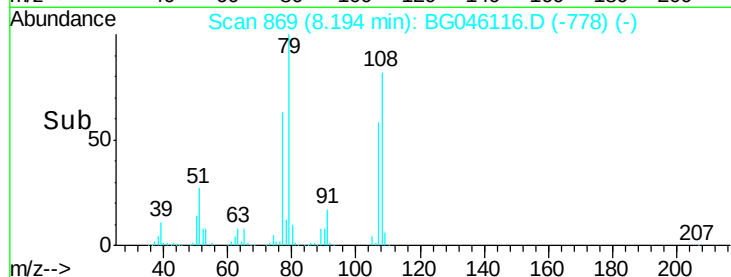
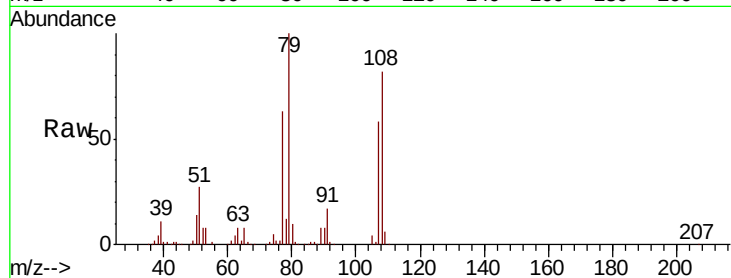
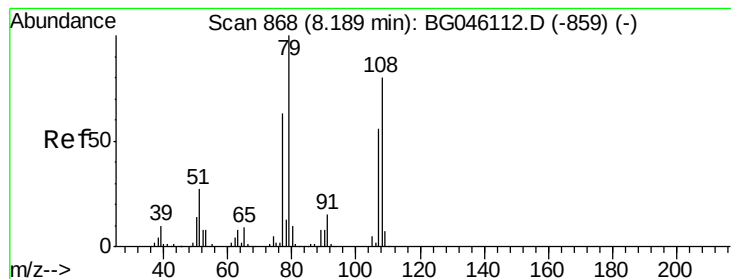
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

8.31

Time-->





#15

Benzyl Alcohol

Concen: 43.421 ng

RT: 8.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

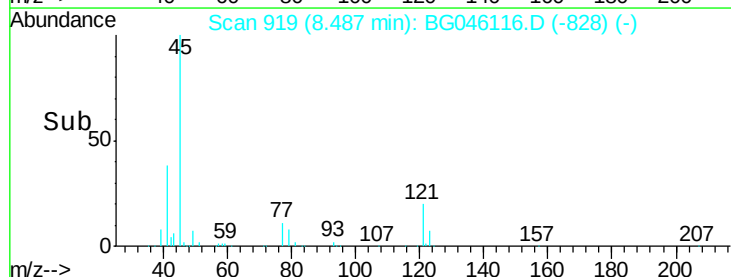
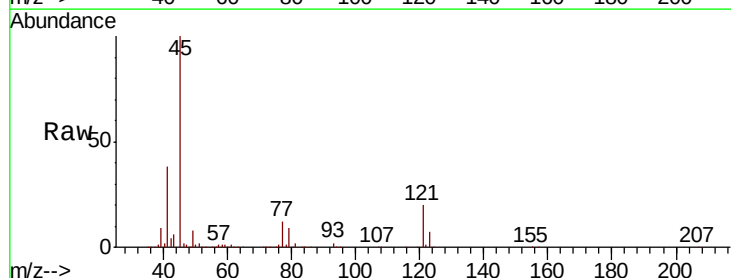
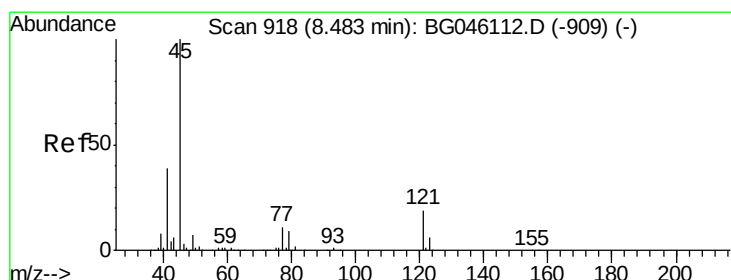
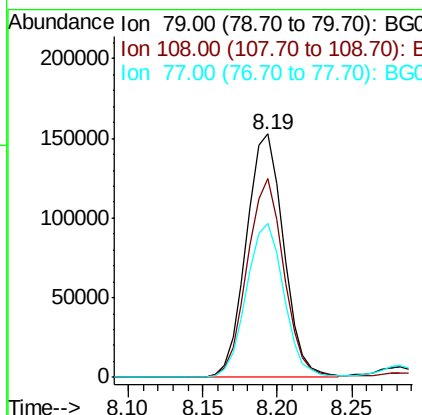
Tot Ion: 79 Resp: 265199

Ion Ratio Lower Upper

79 100

108 81.5 64.1 96.1

77 63.3 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.984 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

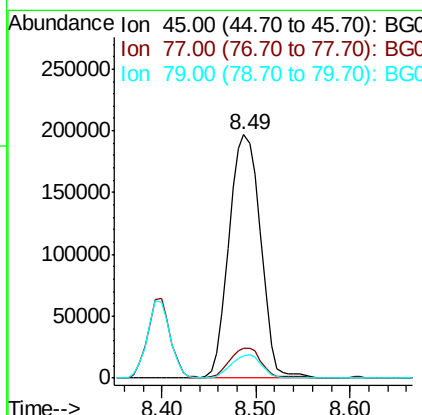
Tgt Ion: 45 Resp: 463167

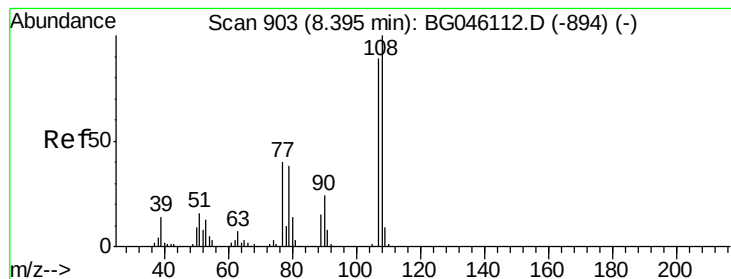
Ion Ratio Lower Upper

45 100

77 12.1 0.0 31.9

79 9.1 0.0 29.5





#17

2-Methylphenol

Concen: 41.732 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

Tot Ion:107 Resp: 250261

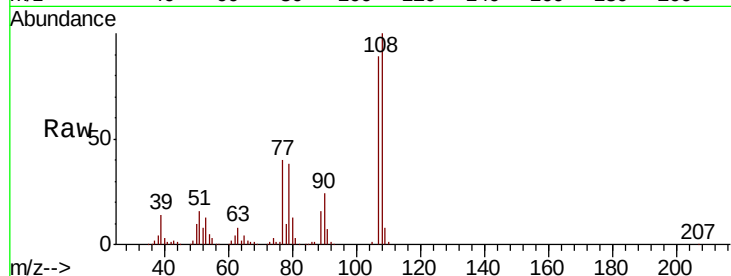
Ion Ratio Lower Upper

107 100

108 112.2 90.0 135.0

77 44.7 35.6 53.4

79 42.5 34.4 51.6

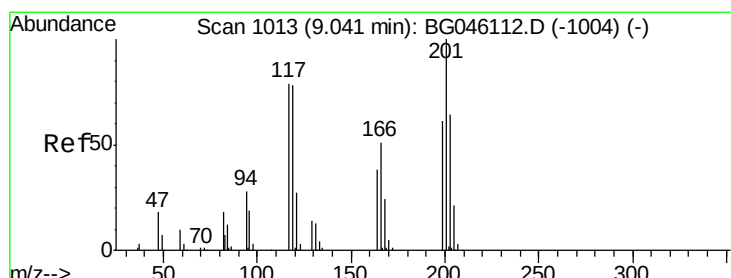
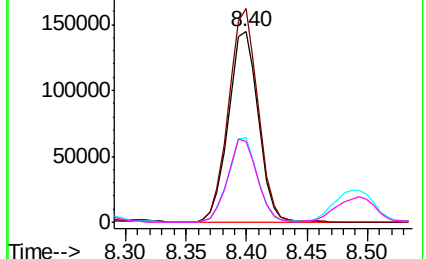
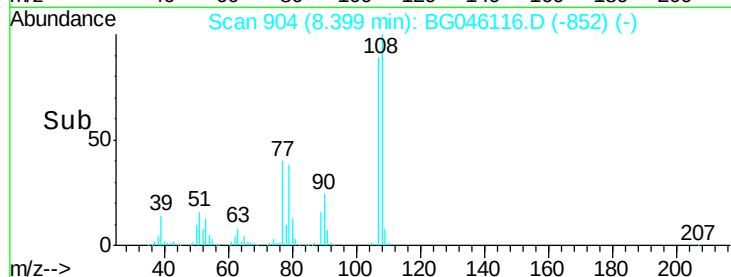


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.371 ng

RT: 9.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

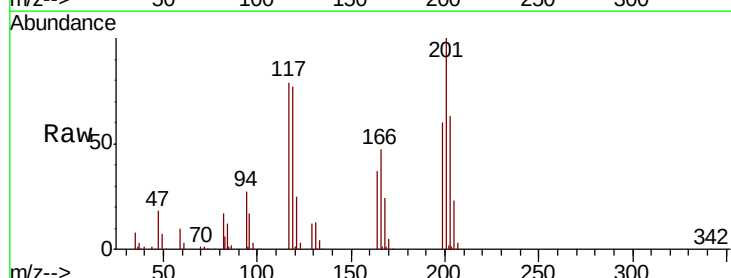
Tgt Ion:117 Resp: 117826

Ion Ratio Lower Upper

117 100

119 97.3 78.5 117.7

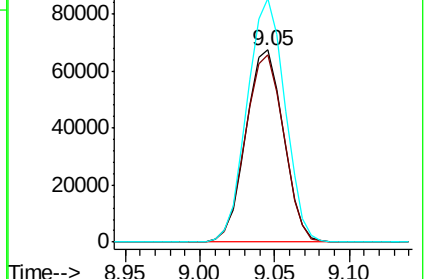
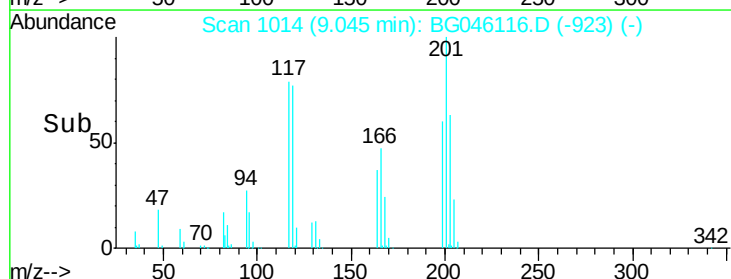
201 126.8 101.0 151.4

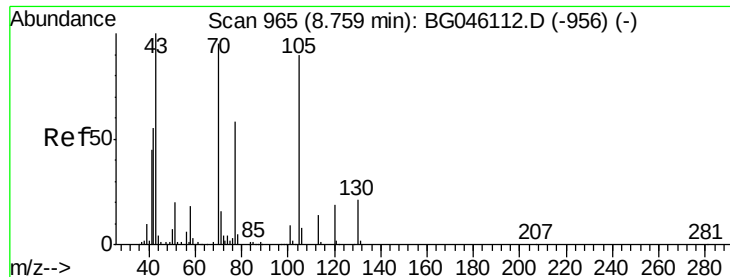


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

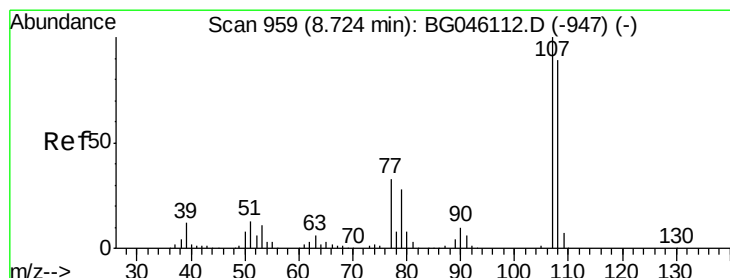
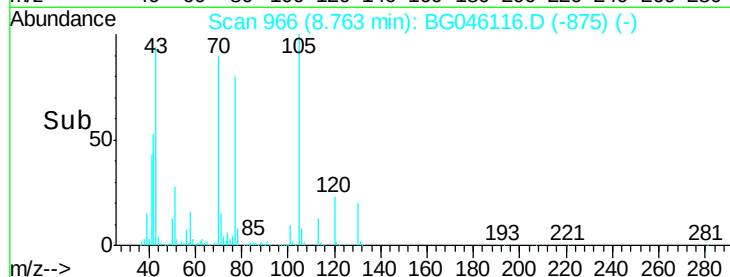
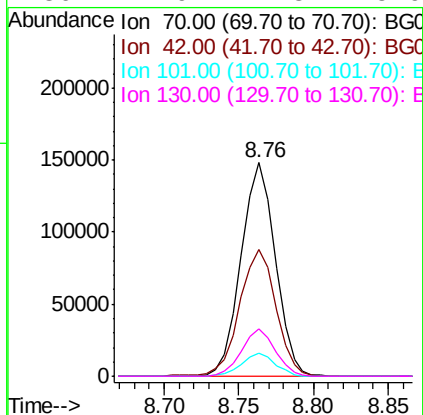
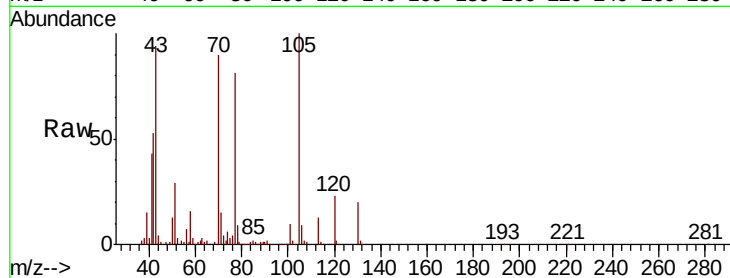




#19
n-Nitroso-di-n-propylamine
Concen: 41.085 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

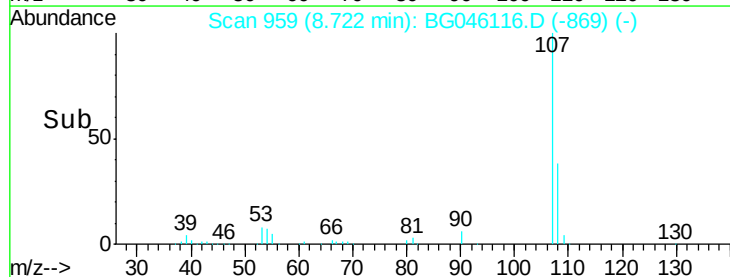
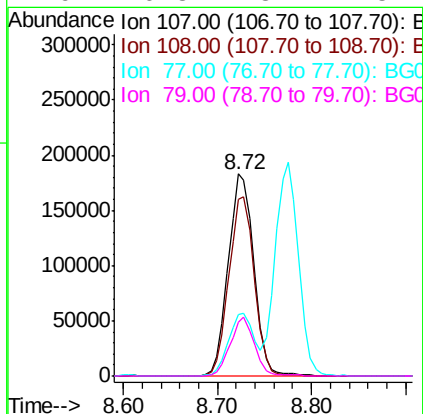
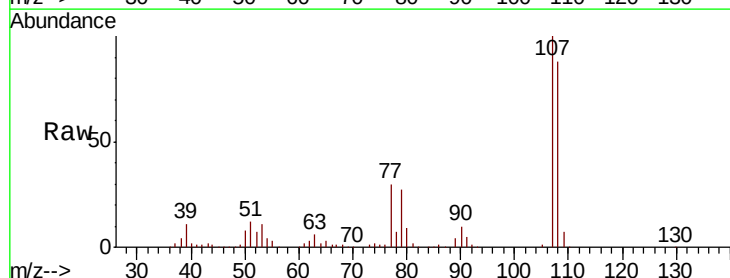
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

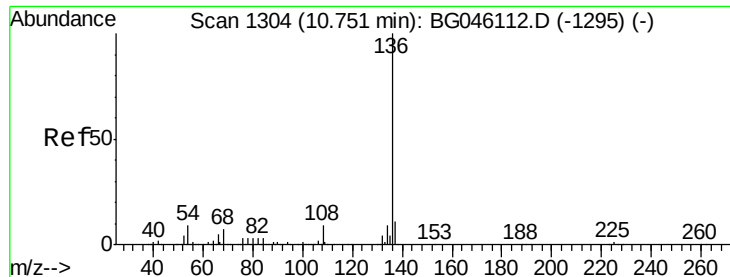
Tot Ion:	70	Resp:	236394
Ion	Ratio	Lower	Upper
70	100		
42	59.2	46.5	69.7
101	10.5	7.6	11.4
130	21.9	17.3	25.9



#20
3+4-Methylphenols
Concen: 42.078 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:	107	Resp:	345379
Ion	Ratio	Lower	Upper
107	100		
108	87.7	69.1	109.1
77	30.3	12.5	52.5
79	26.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

Tot Ion:136 Resp: 414337

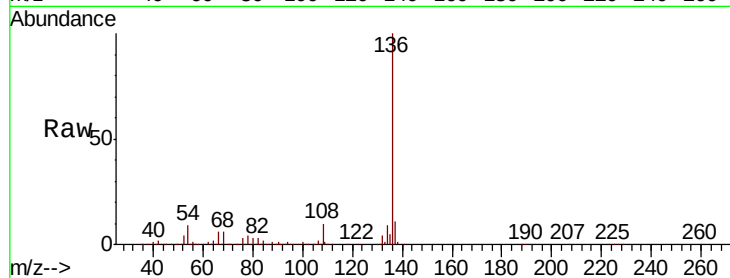
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.6	7.0	10.4
68	6.2	5.3	7.9

136 100

137 11.4 8.8 13.2

54 8.6 7.0 10.4

68 6.2 5.3 7.9

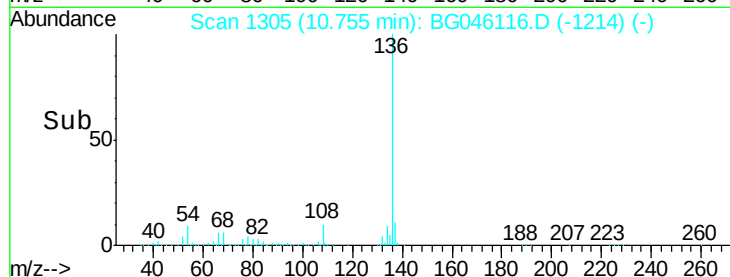


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

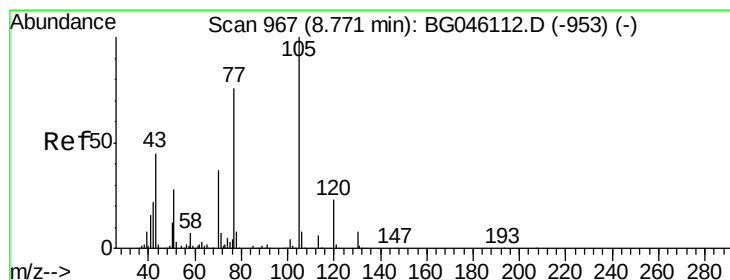
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->

10.76



#22

Acetophenone

Concen: 40.831 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Tgt Ion:105 Resp: 434170

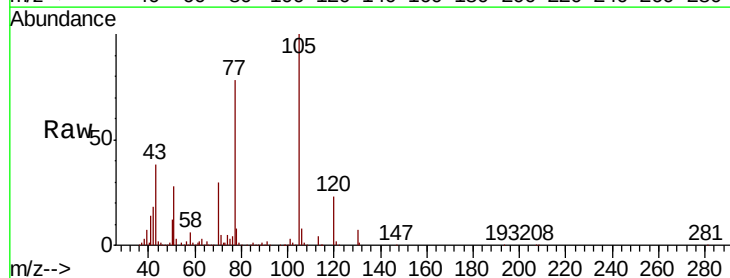
Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.3	7.9#
51	28.1	22.7	34.1
120	23.3	18.7	28.1

105 100

71 5.1 5.3 7.9#

51 28.1 22.7 34.1

120 23.3 18.7 28.1

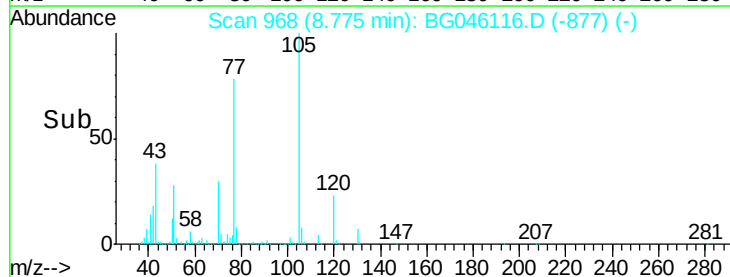


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

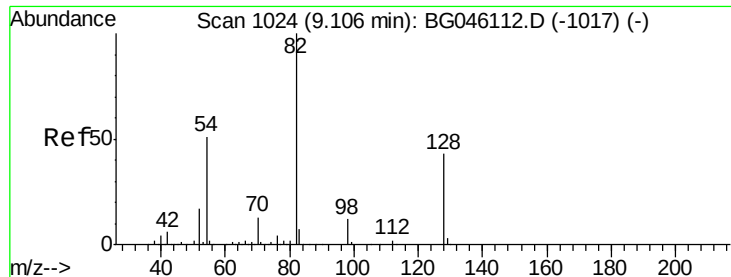
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

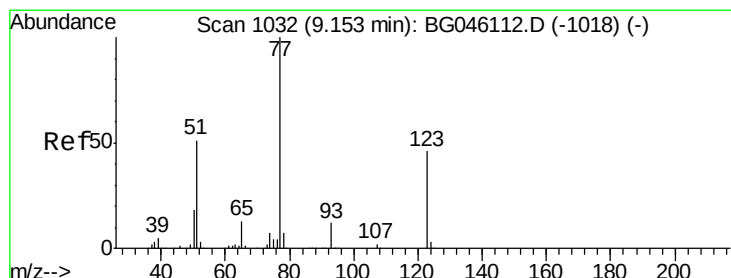
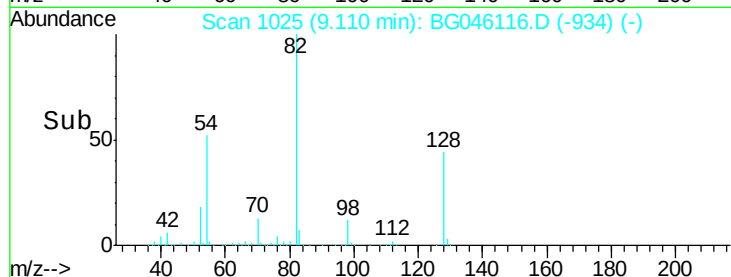
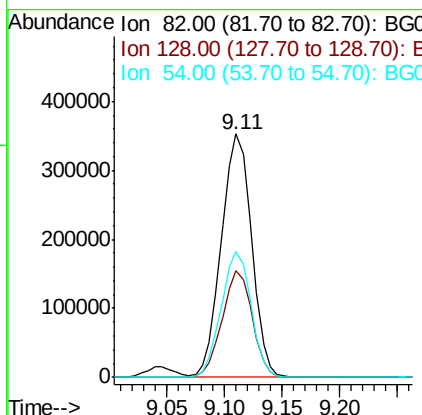
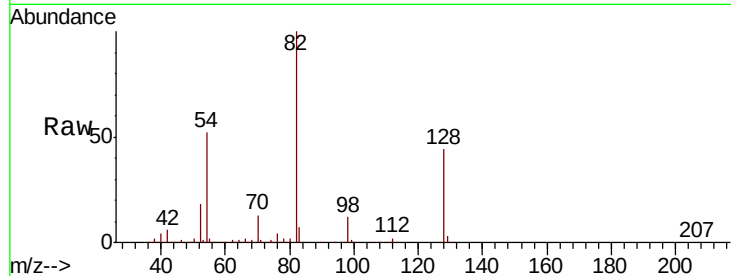
8.78



#23
 Nitrobenzene-d5
 Concen: 84.031 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

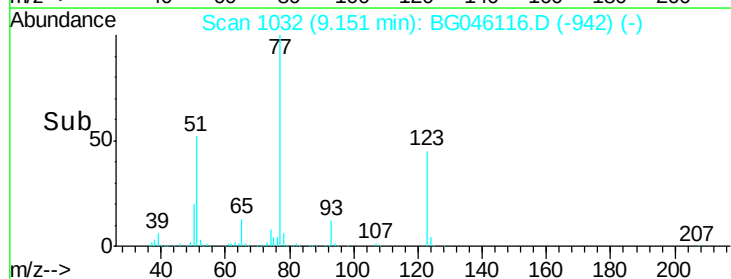
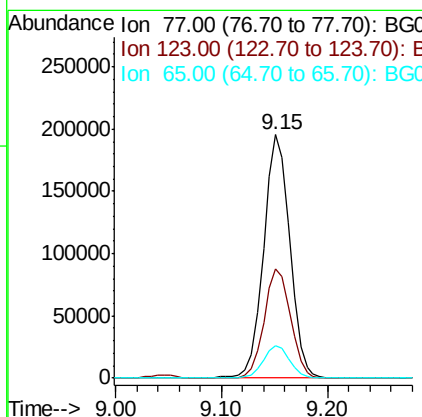
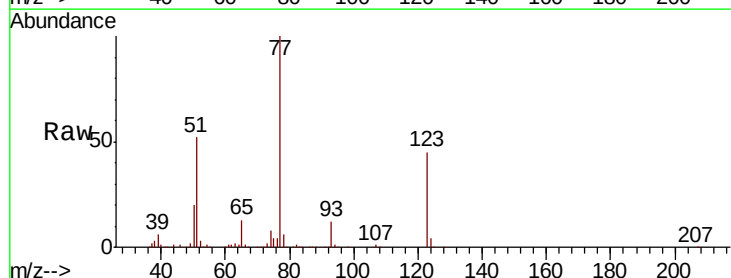
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG073020

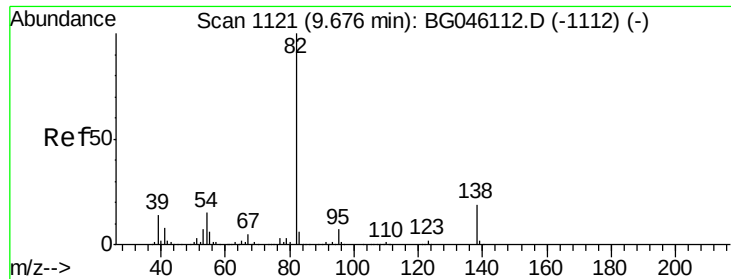
Tot Ion: 82 Resp: 643061
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.4 51.6
 54 51.8 40.8 61.2



#24
 Nitrobenzene
 Concen: 41.202 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Tgt Ion: 77 Resp: 336171
 Ion Ratio Lower Upper
 77 100
 123 44.7 36.8 55.2
 65 13.1 10.2 15.2





#25

Isophorone

Concen: 42.147 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

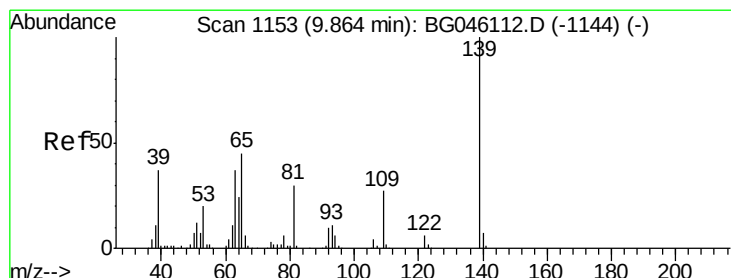
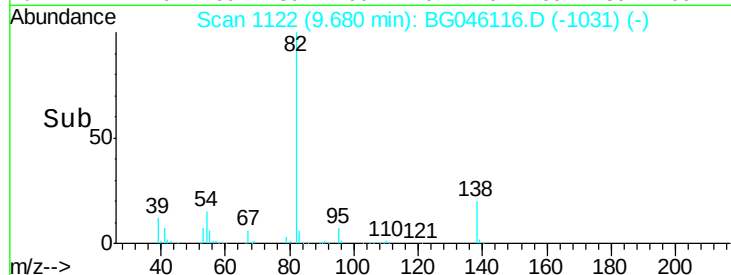
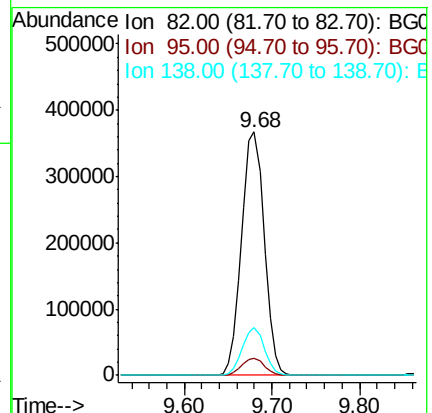
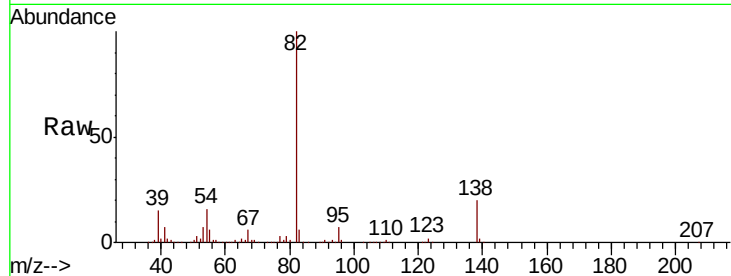
Tot Ion: 82 Resp: 641794

Ion Ratio Lower Upper

82 100

95 7.1 5.5 8.3

138 19.6 15.3 22.9



#26

2-Nitrophenol

Concen: 44.929 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

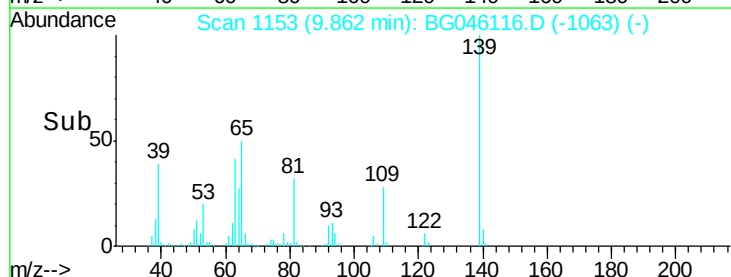
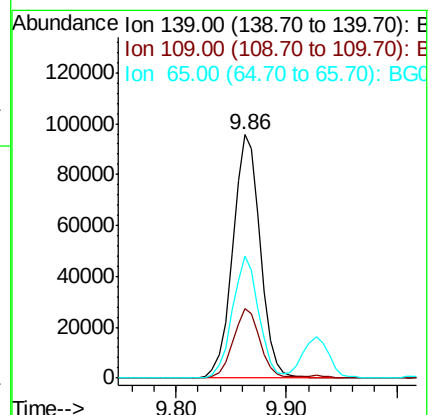
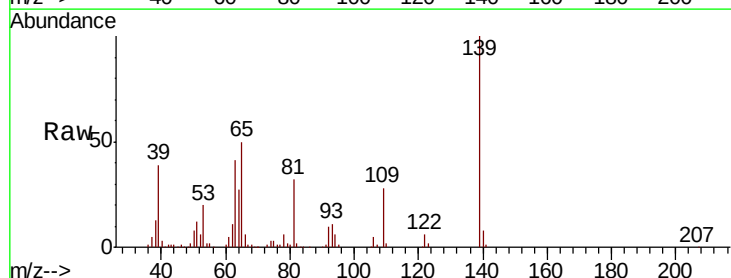
Tgt Ion: 139 Resp: 166139

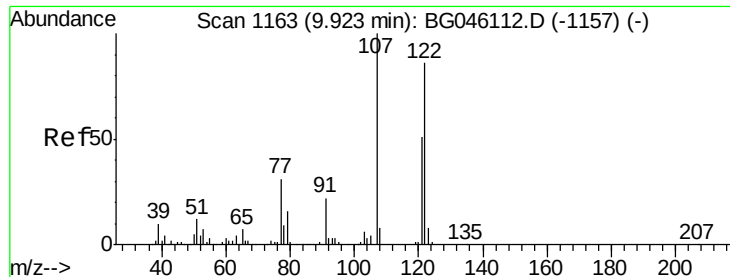
Ion Ratio Lower Upper

139 100

109 28.4 21.8 32.8

65 50.0 36.2 54.2

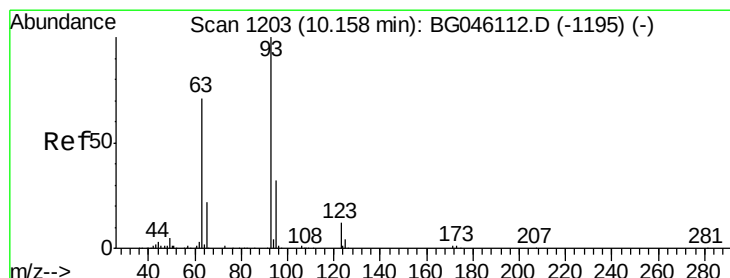
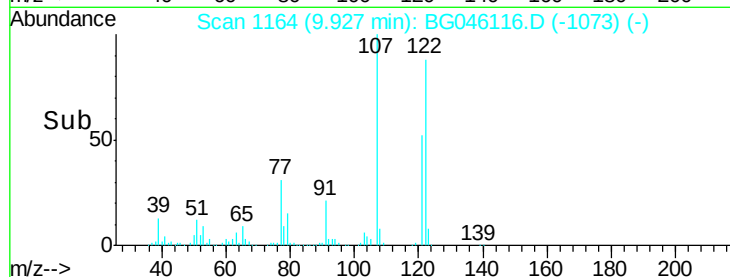
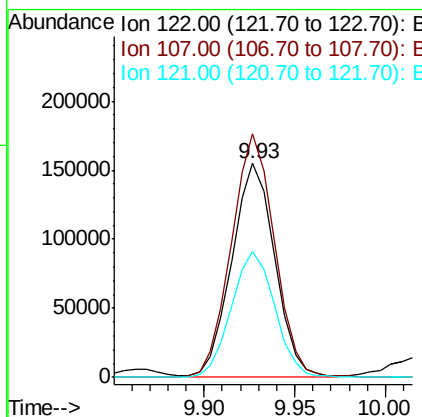
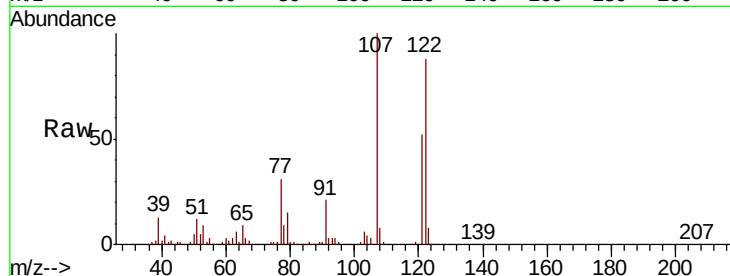




#27
 2,4-Dimethylphenol
 Concen: 42.237 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

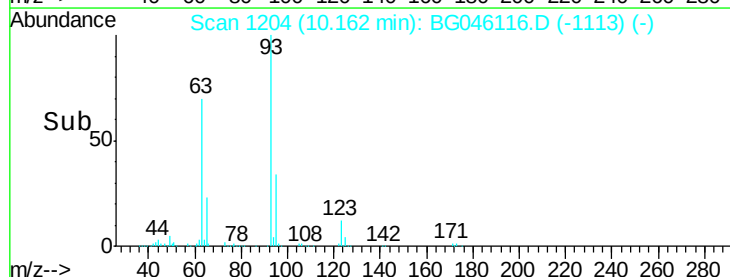
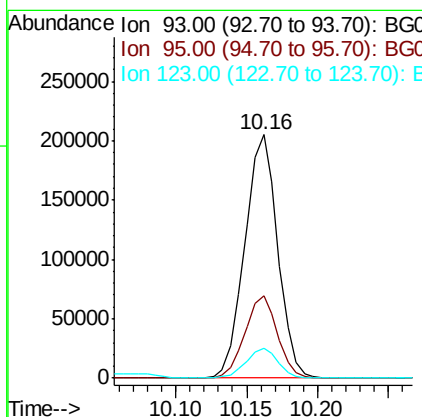
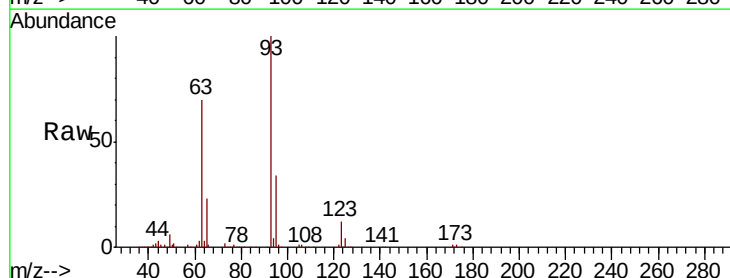
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG073020

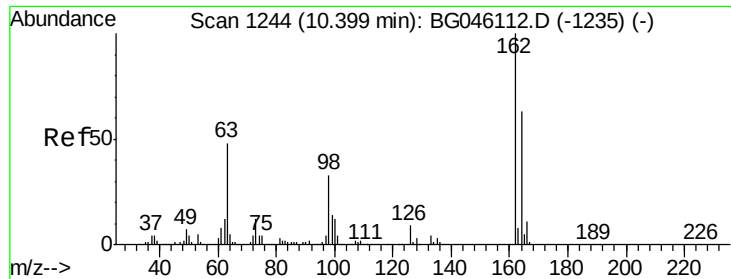
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	92.4	138.6
121	59.0	47.0	70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.439 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.0	39.0
123	12.2	9.7	14.5

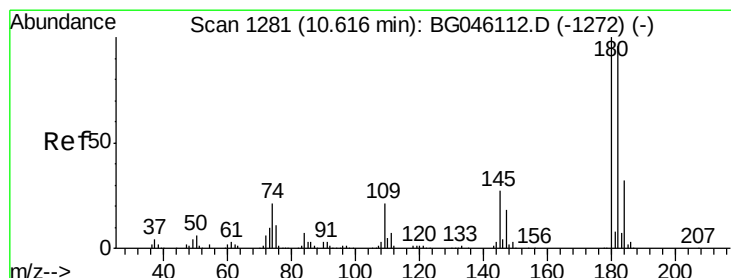
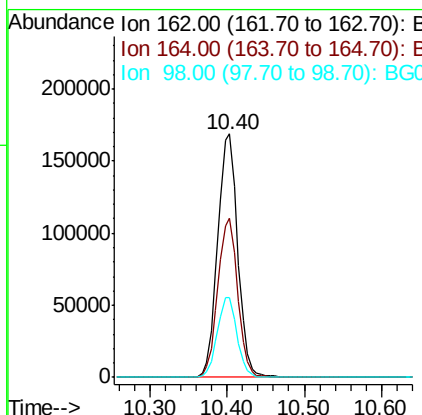
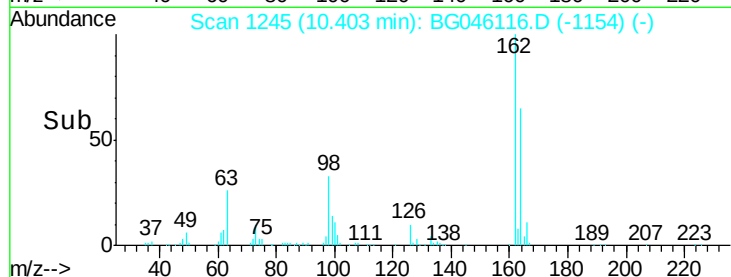
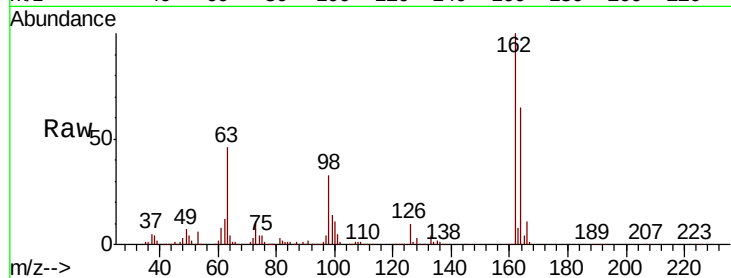




#29
2,4-Dichlorophenol
Concen: 42.841 ng
RT: 10.40 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

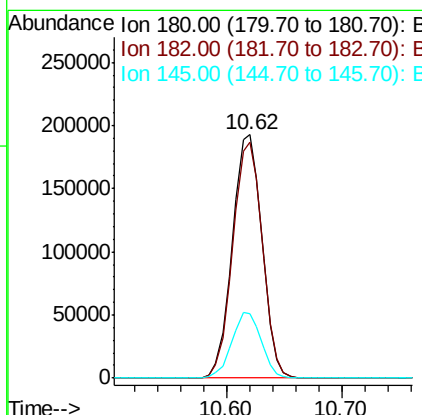
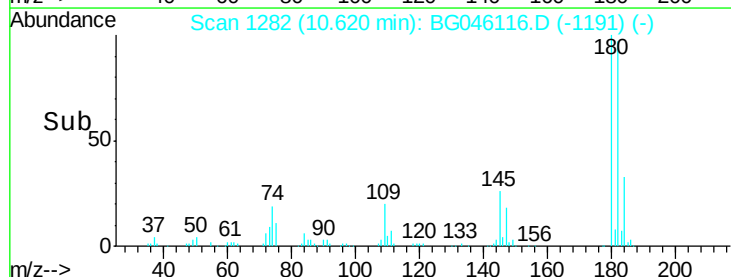
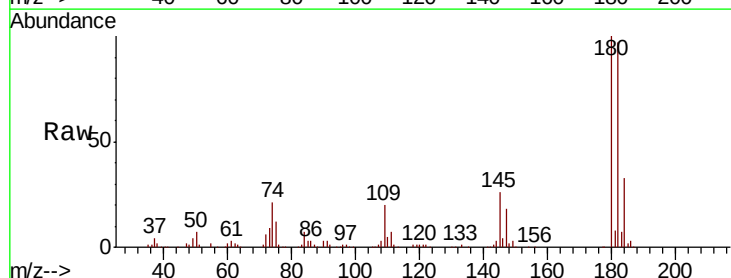
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

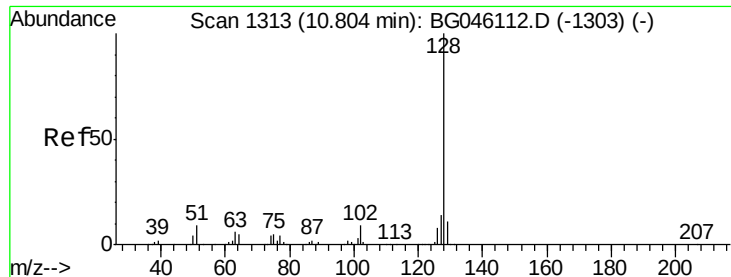
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.3	83.3
98	32.9	13.1	53.1



#30
1,2,4-Trichlorobenzene
Concen: 41.204 ng
RT: 10.62 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.7	115.1
145	26.5	21.8	32.8

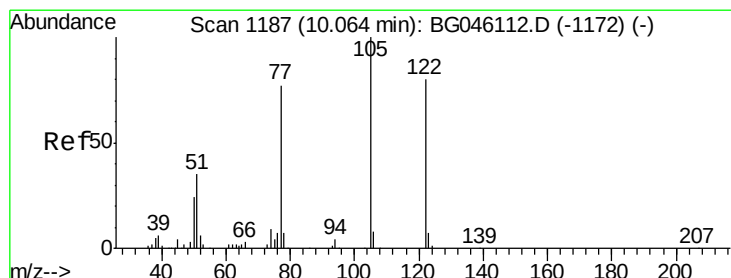
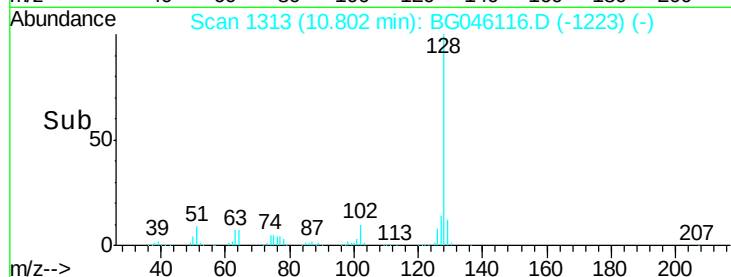
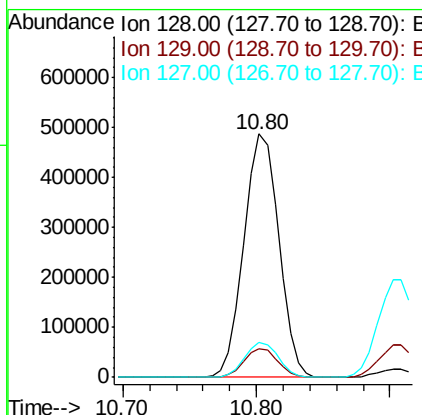
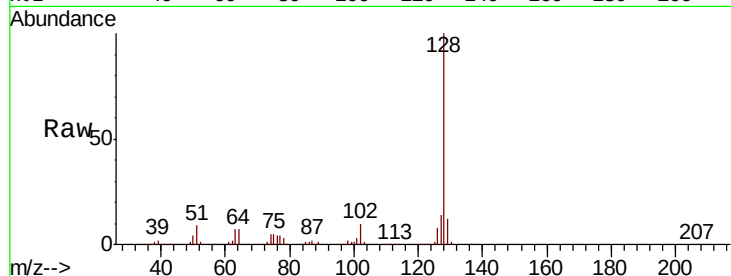




#31
Naphthalene
Concen: 40.237 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

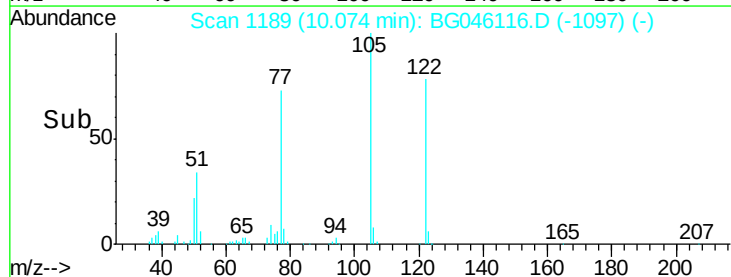
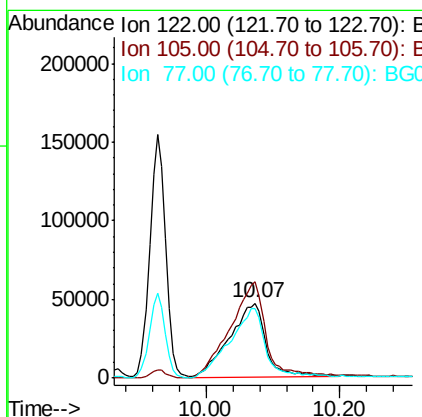
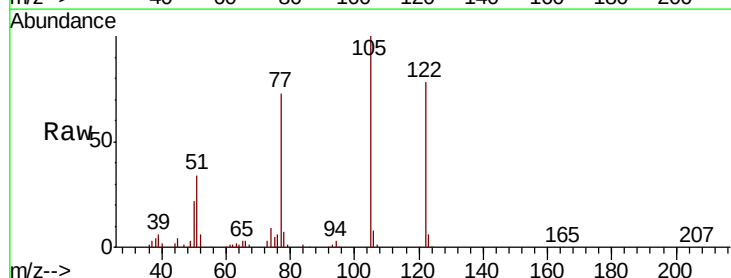
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

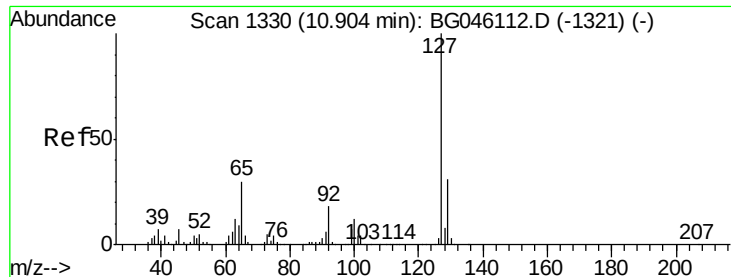
Tot Ion:128 Resp: 882130
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 14.3 11.3 16.9



#32
Benzoic acid
Concen: 41.740 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:122 Resp: 177861
Ion Ratio Lower Upper
122 100
105 128.4 103.0 143.0
77 93.7 75.2 115.2

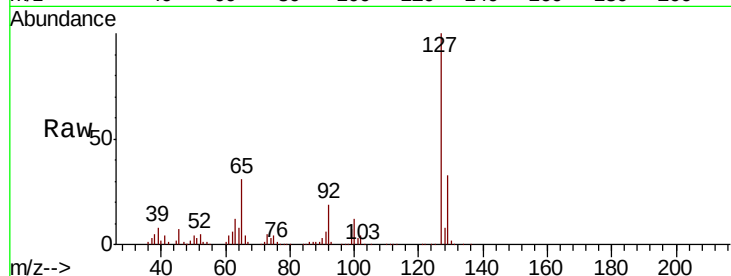




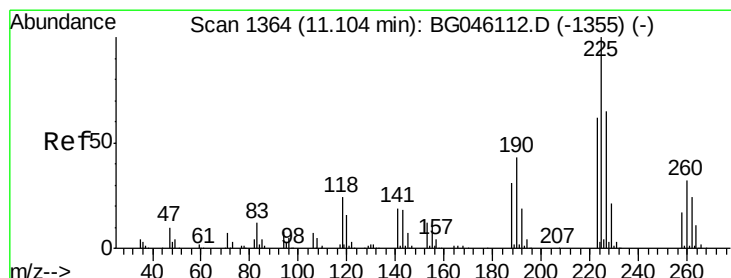
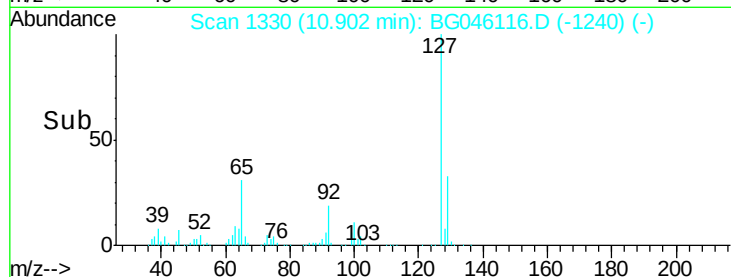
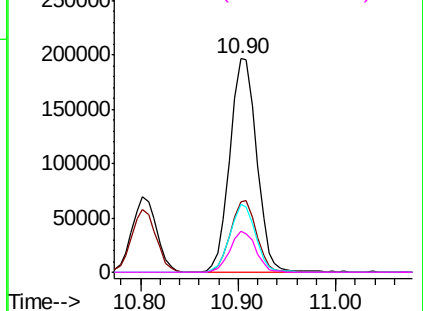
#33
4-Chloroaniline
Concen: 42.102 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Instrument :
BNA_G
ClientSampleId :
ICVBG073020

Tot Ion:	127	Resp:	377182
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.2	37.8
65	31.5	24.2	36.2
92	19.5	14.5	21.7

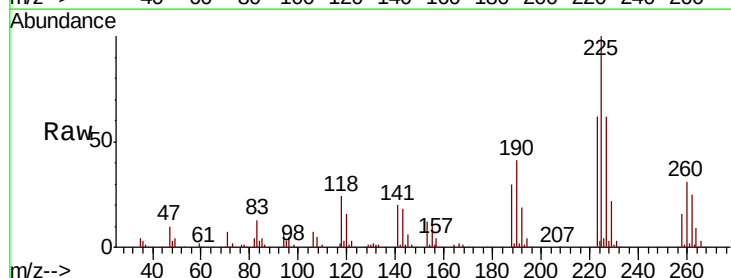


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

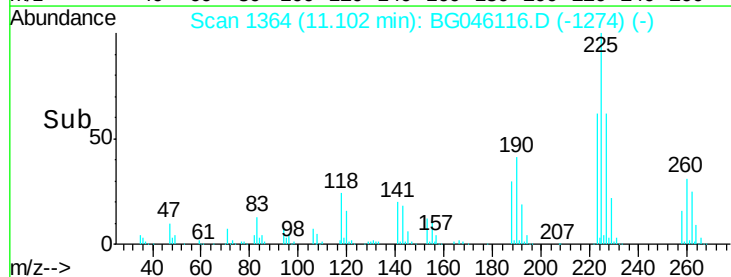
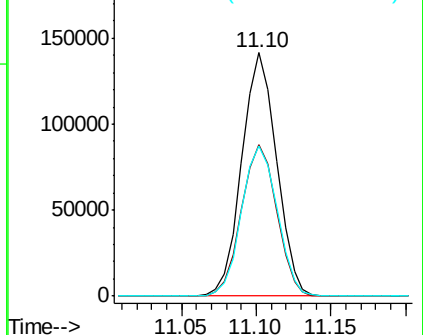


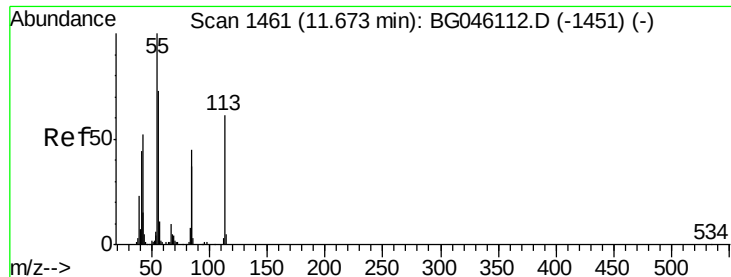
#34
Hexachlorobutadiene
Concen: 41.342 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:	225	Resp:	228163
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.6
227	61.5	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

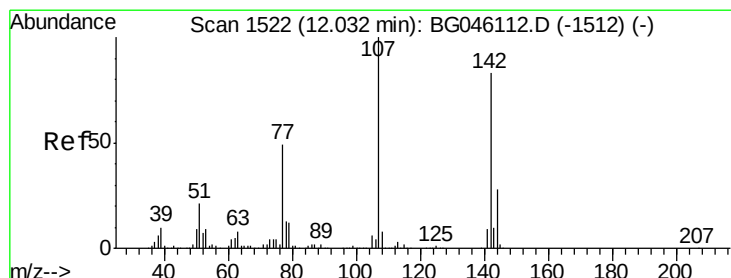
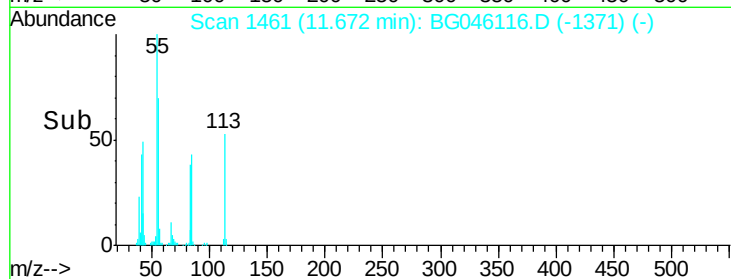
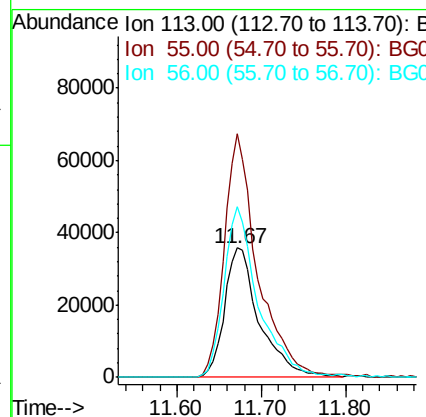
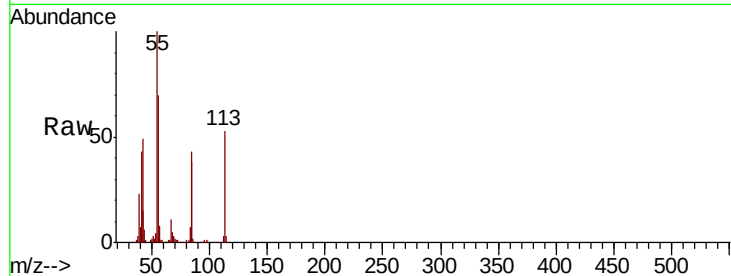




#35
Caprolactam
Concen: 44.113 ng
RT: 11.67 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

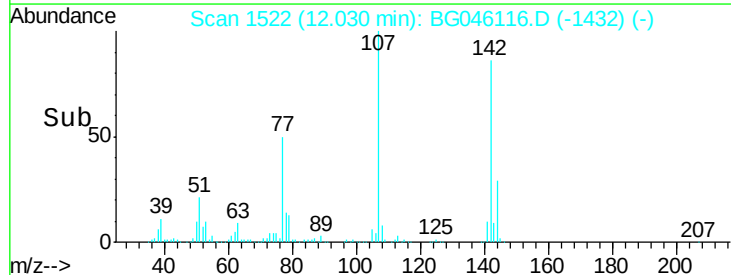
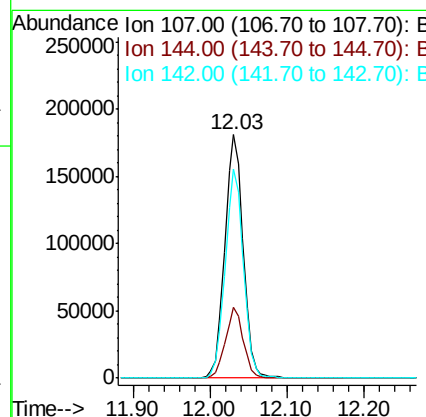
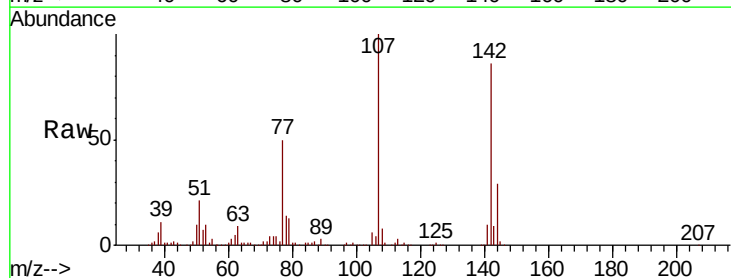
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

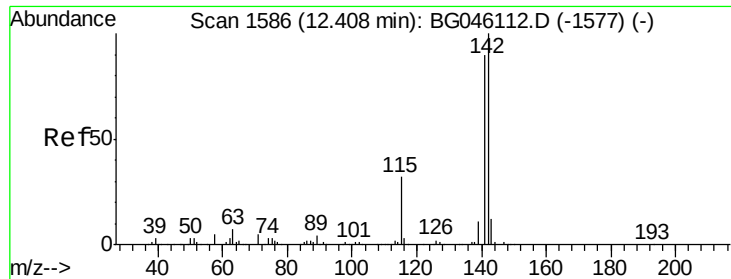
Tot Ion:113 Resp: 102181
Ion Ratio Lower Upper
113 100
55 188.4 144.7 184.7#
56 131.9 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 42.992 ng
RT: 12.03 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:107 Resp: 298580
Ion Ratio Lower Upper
107 100
144 29.0 22.4 33.6
142 85.9 66.6 100.0

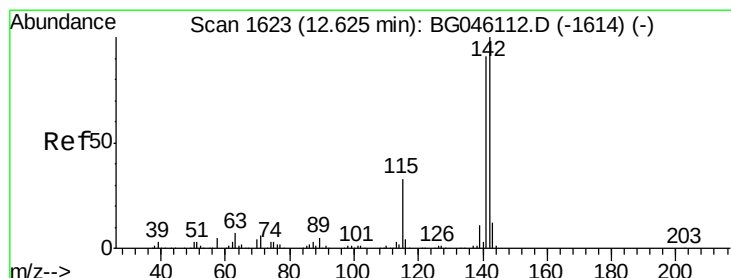
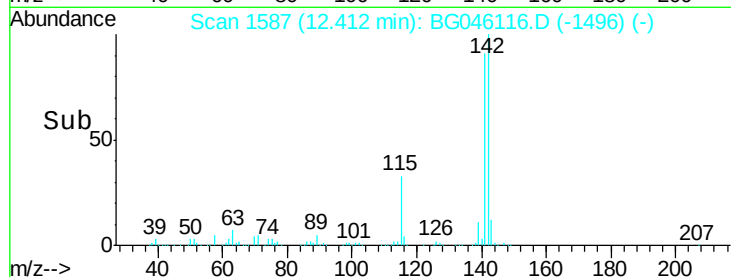
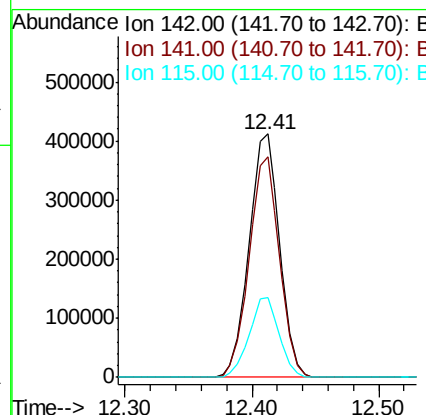
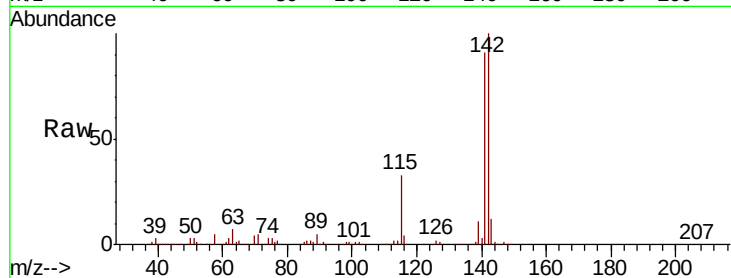




#37
2-Methylnaphthalene
Concen: 40.841 ng
RT: 12.41 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

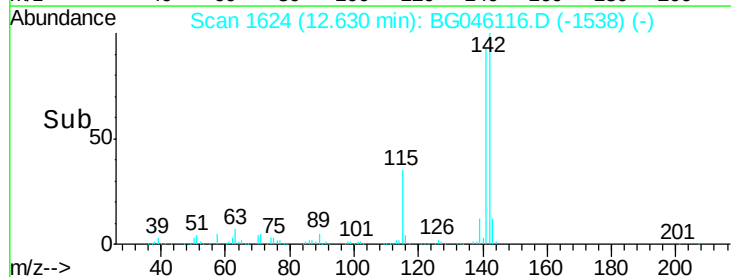
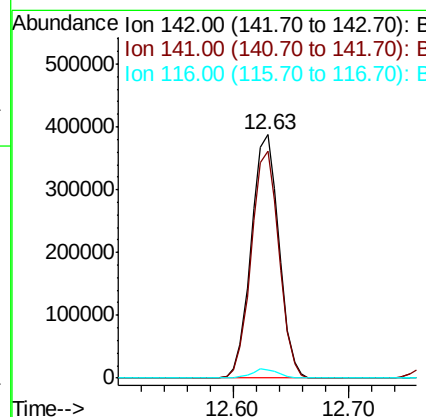
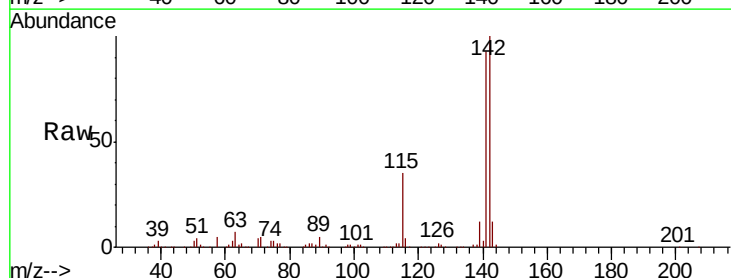
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

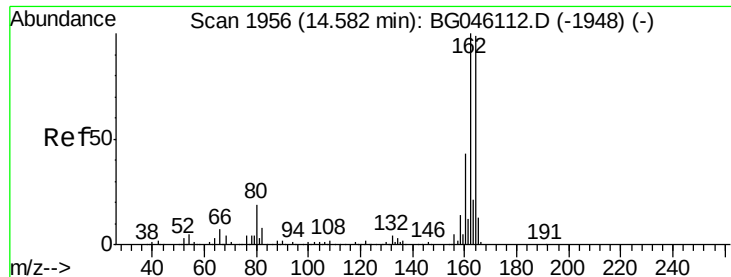
Tot Ion:142 Resp: 688955
Ion Ratio Lower Upper
142 100
141 90.5 71.7 107.5
115 32.9 25.8 38.8



#38
1-Methylnaphthalene
Concen: 40.647 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:142 Resp: 648851
Ion Ratio Lower Upper
142 100
141 93.4 73.0 109.4
116 3.5 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: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

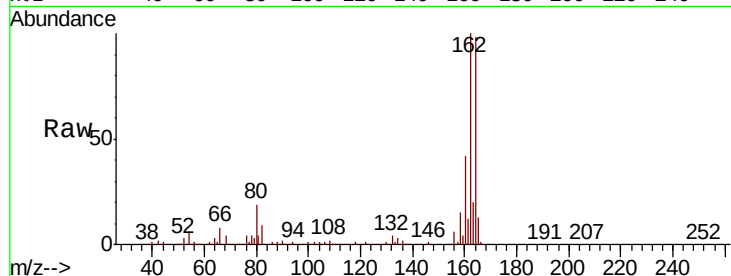
Tot Ion:164 Resp: 264744

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

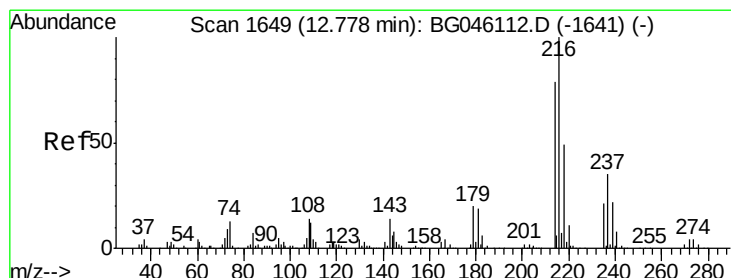
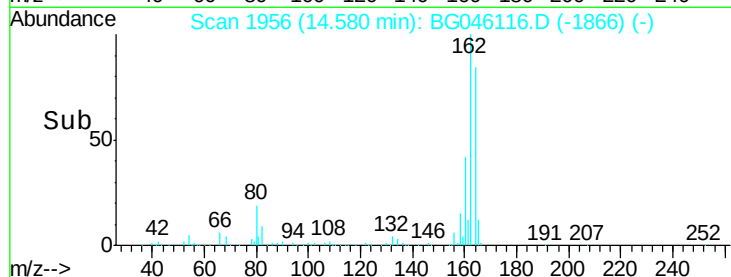
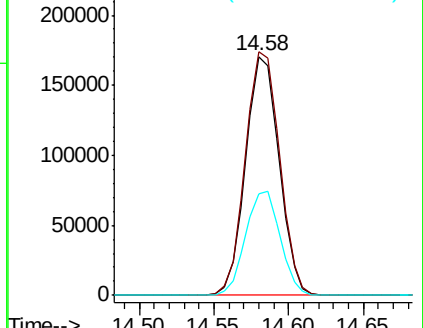
160 42.5 34.9 52.3



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: 40.617 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Tgt Ion:216 Resp: 387438

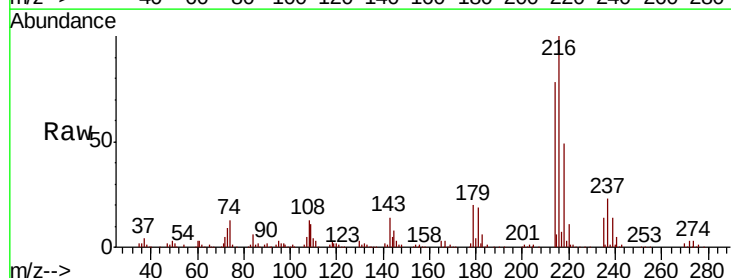
Ion Ratio Lower Upper

216 100

214 78.1 62.7 94.1

179 19.5 15.0 22.6

108 14.9 11.6 17.4

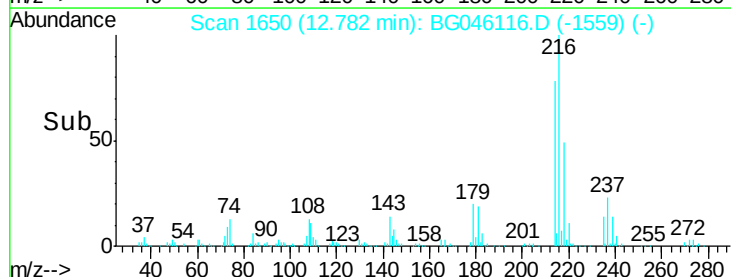
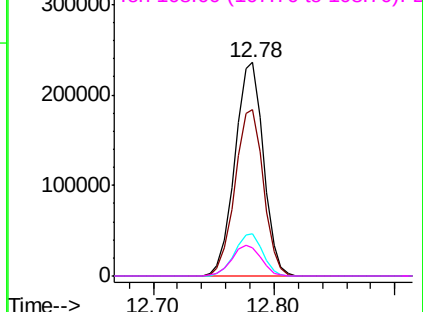


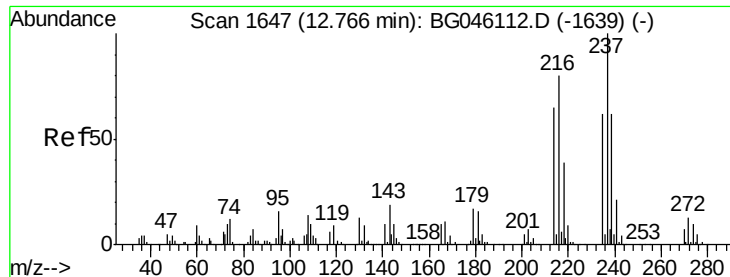
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.699 ng

RT: 12.77 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

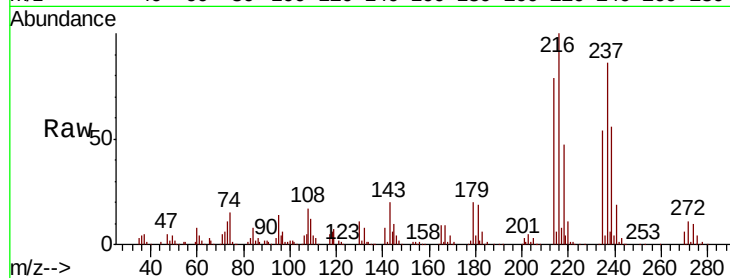
Tot Ion:237 Resp: 228150

Ion Ratio Lower Upper

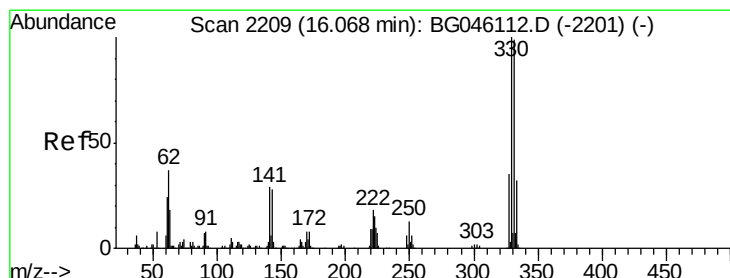
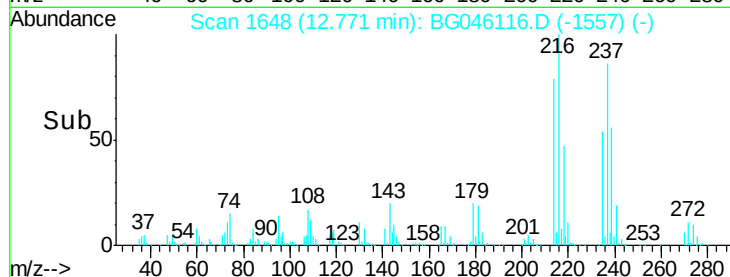
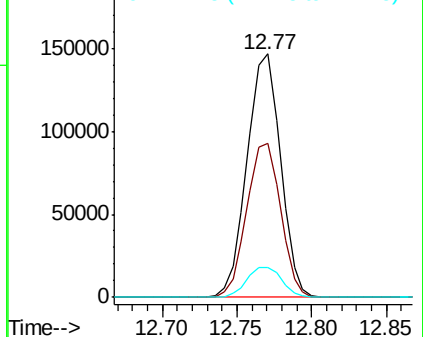
237 100

235 63.0 42.3 82.3

272 12.3 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: 85.219 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

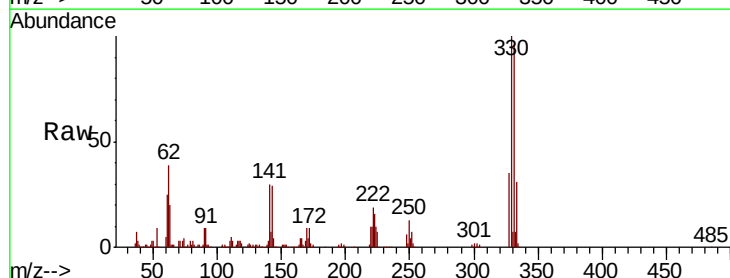
Tgt Ion:330 Resp: 346536

Ion Ratio Lower Upper

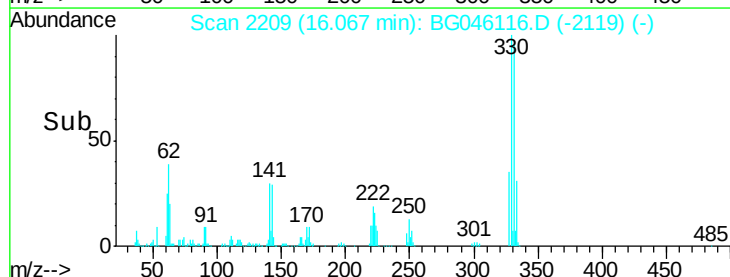
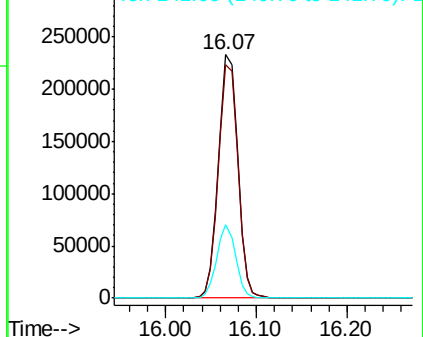
330 100

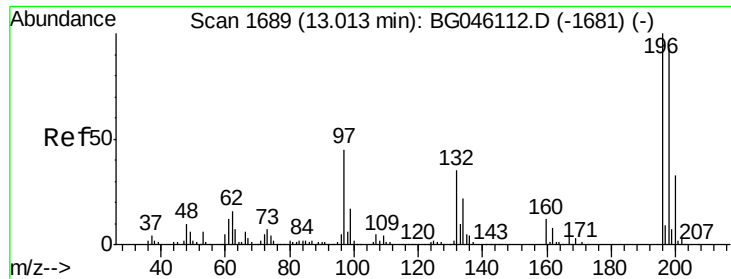
332 96.7 77.4 116.2

141 29.3 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

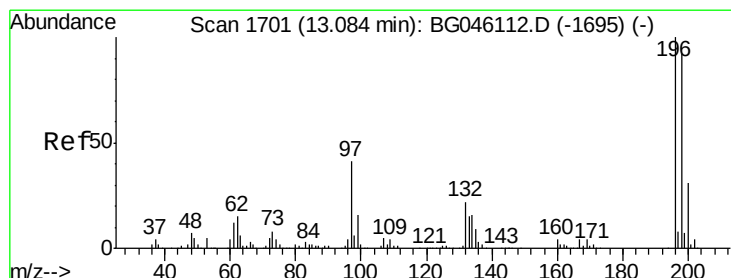
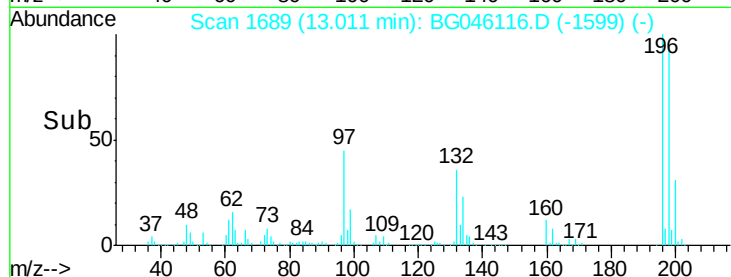
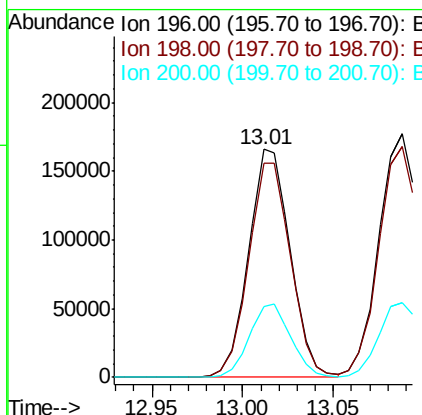
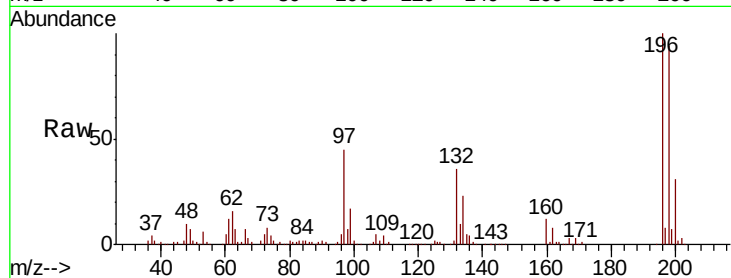




#43
 2,4,6-Trichlorophenol
 Concen: 43.409 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

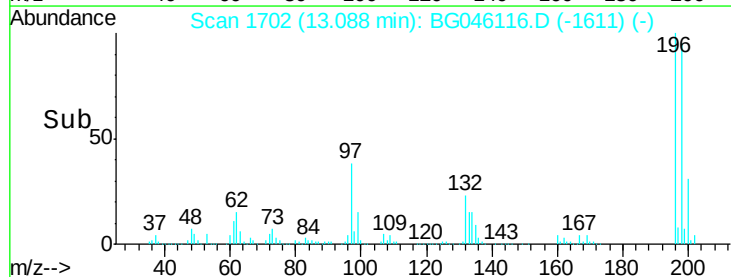
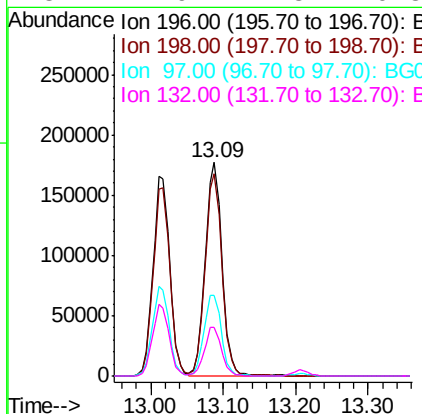
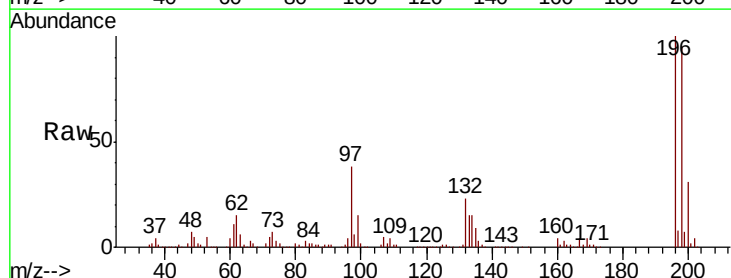
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG073020

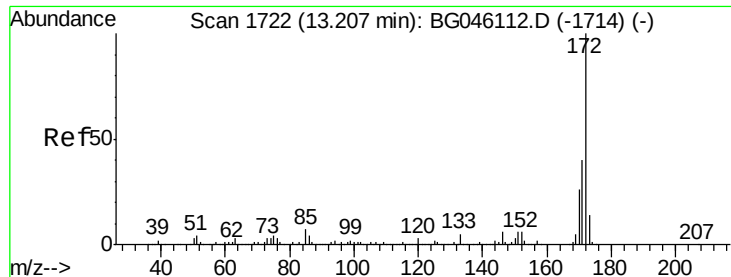
Tot Ion	196	Resp	264175
Ion Ratio	Lower	Upper	
196	100		
198	93.9	74.2	111.4
200	31.0	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.181 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Tgt Ion	196	Resp	286728
Ion Ratio	Lower	Upper	
196	100		
198	94.6	73.9	110.9
97	37.9	32.7	49.1
132	22.9	17.8	26.8

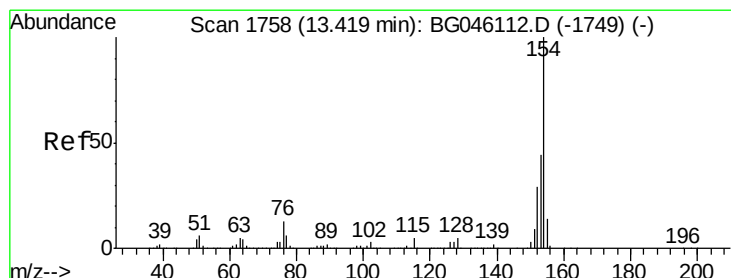
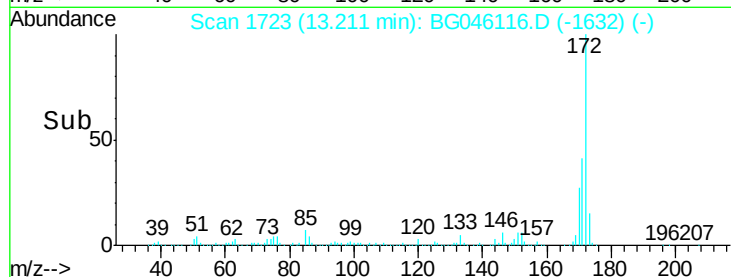
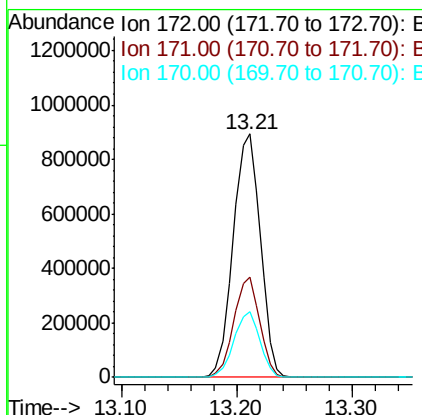
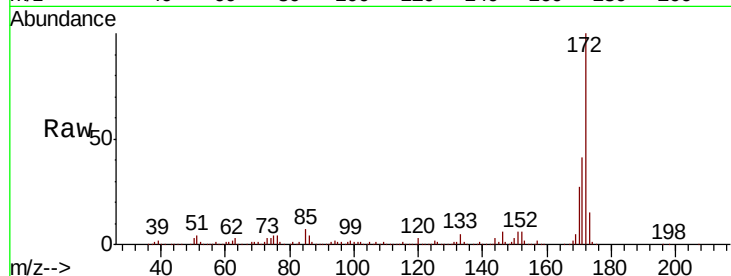




#45
2-Fluorobiphenyl
Concen: 79.820 ng
RT: 13.21 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

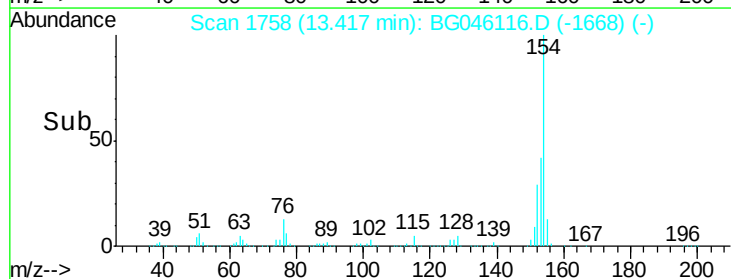
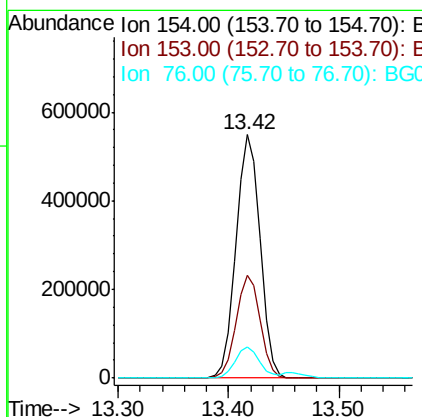
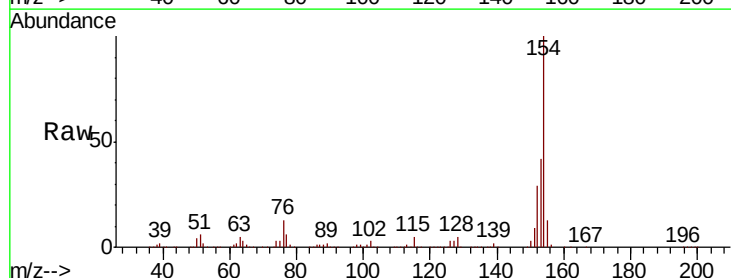
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

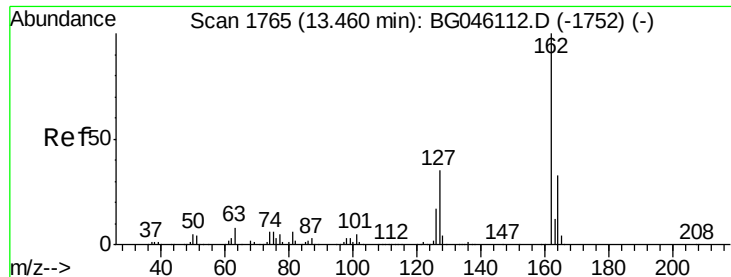
Tot Ion:172 Resp: 1454733
Ion Ratio Lower Upper
172 100
171 41.3 31.7 47.5
170 26.8 20.9 31.3



#46
1,1'-Biphenyl
Concen: 40.494 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:154 Resp: 840984
Ion Ratio Lower Upper
154 100
153 42.4 23.7 63.7
76 12.9 0.0 32.9

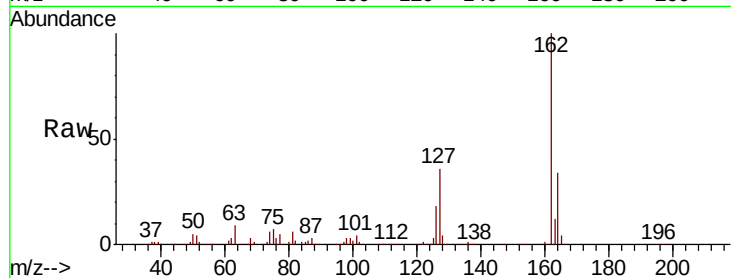




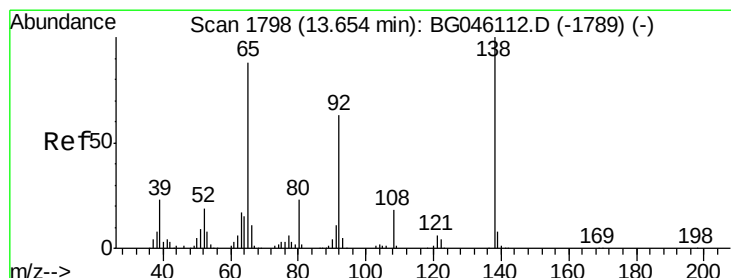
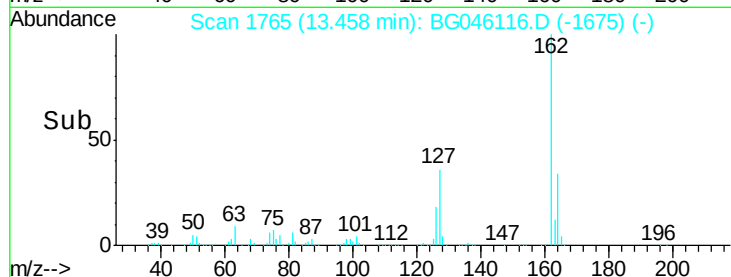
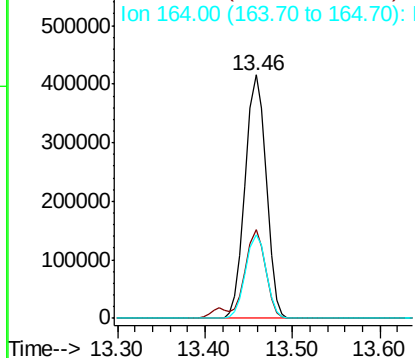
#47
2-Chloronaphthalene
Concen: 40.534 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Instrument :
BNA_G
ClientSampleId :
ICVBG073020

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	28.0	42.0
164	34.4	26.5	39.7

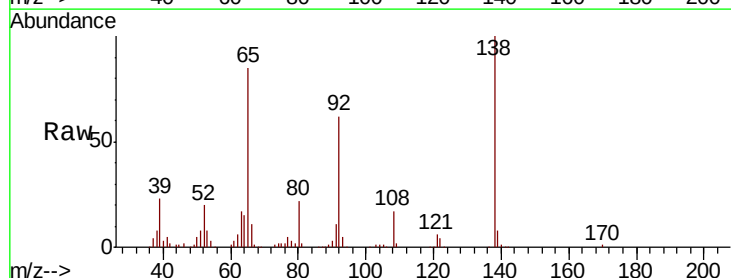


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

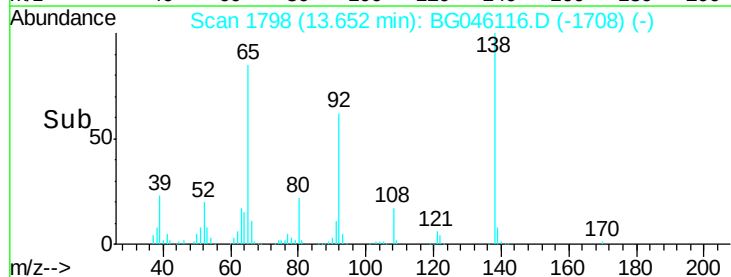
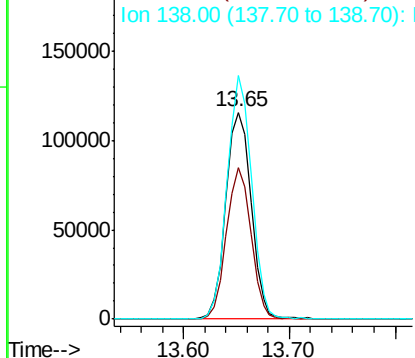


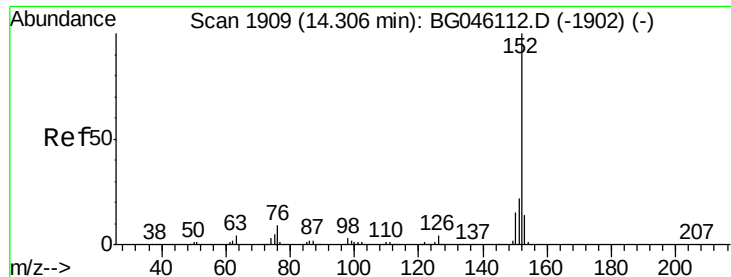
#48
2-Nitroaniline
Concen: 44.546 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	57.4	86.2
138	117.7	91.1	136.7



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





#49

Acenaphthylene

Concen: 40.690 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

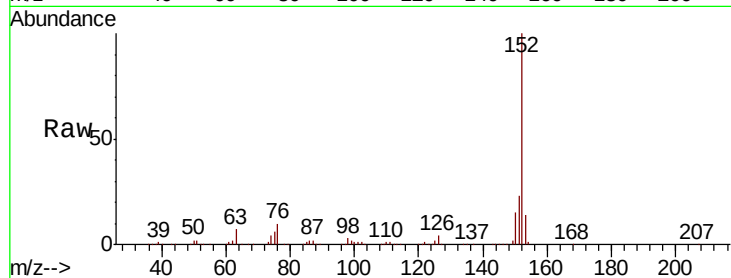
BNA_G

ClientSampleId :

ICVBG073020

Tot Ion:152 Resp: 1046710

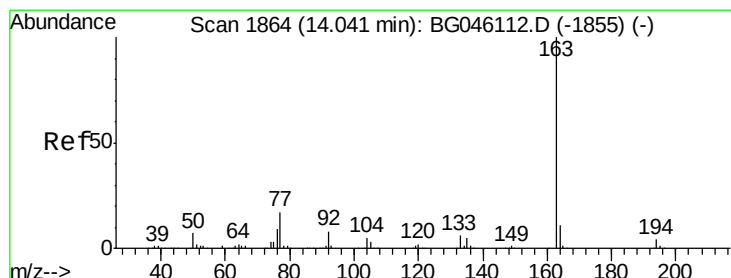
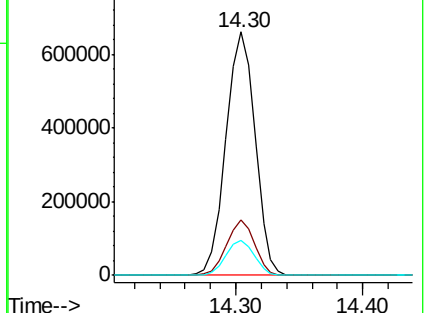
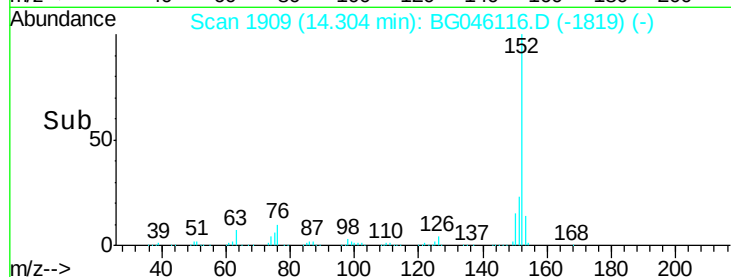
Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.4	26.2
153	14.4	10.9	16.3



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: 40.840 ng

RT: 14.04 min Scan# 1864

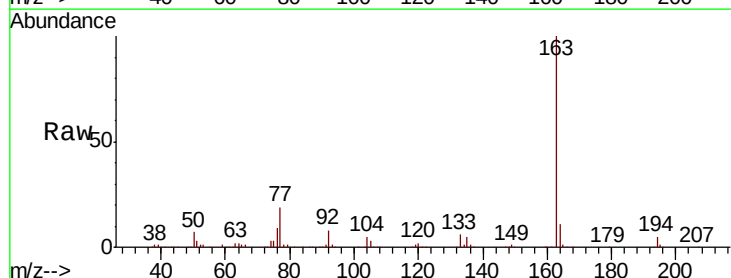
Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Tgt Ion:163 Resp: 829848

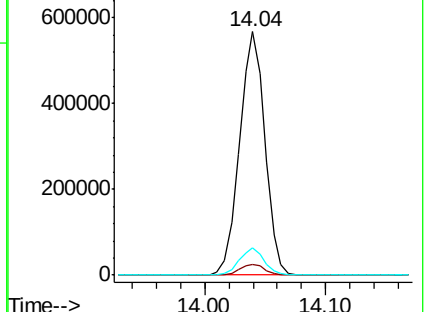
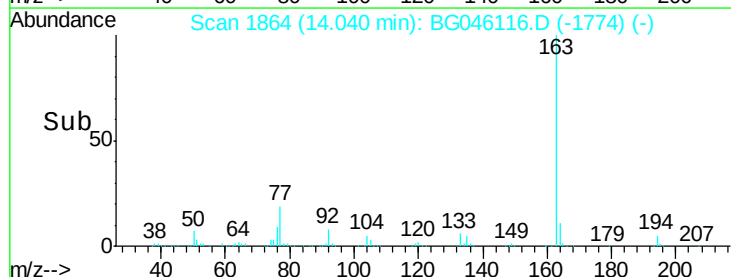
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	11.1	8.8	13.2

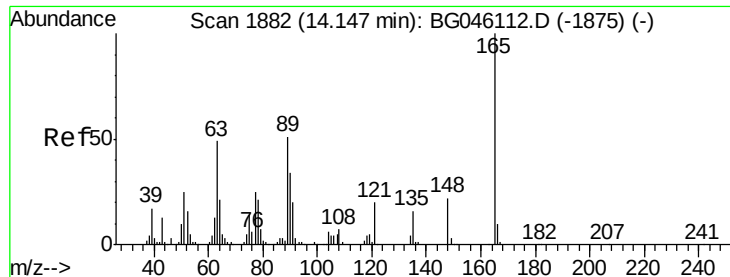


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

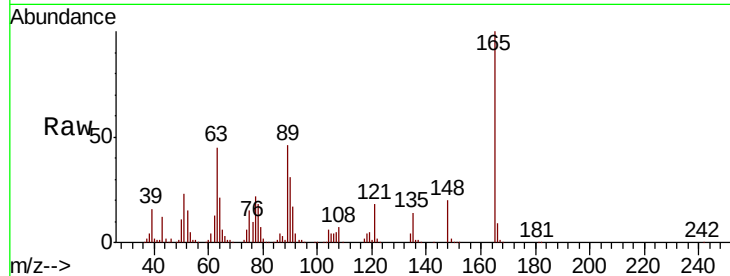




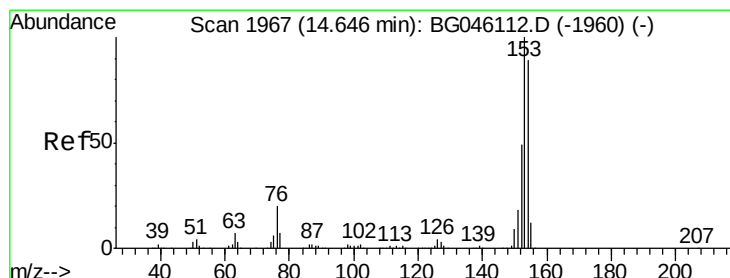
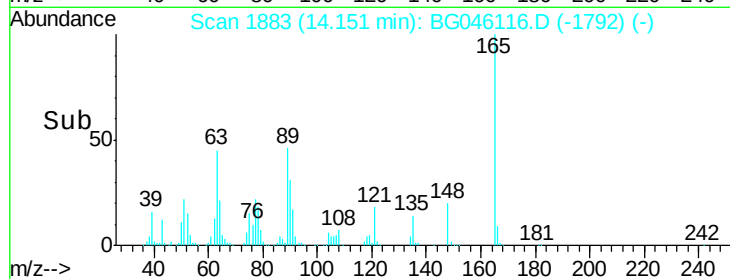
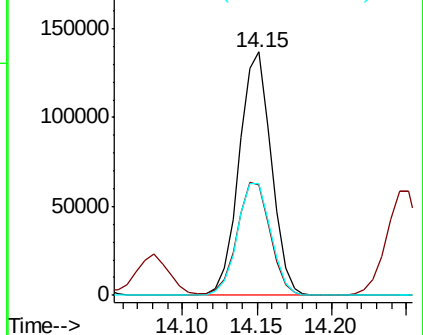
#51
 2,6-Dinitrotoluene
 Concen: 43.175 ng
 RT: 14.15 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG073020

Tot Ion:165 Resp: 204172
 Ion Ratio Lower Upper
 165 100
 63 45.3 39.7 59.5
 89 45.9 41.0 61.6

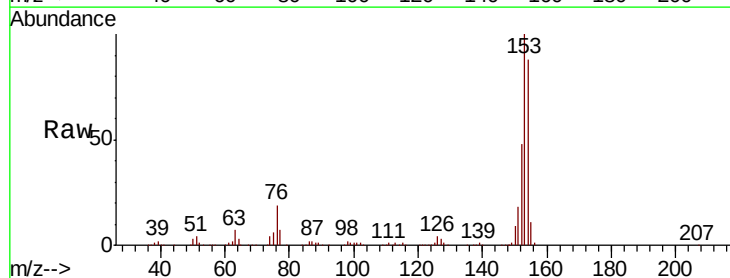


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

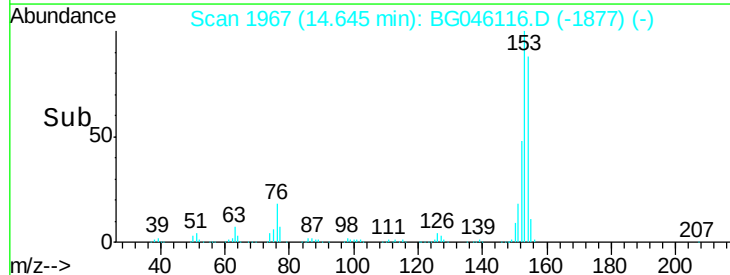
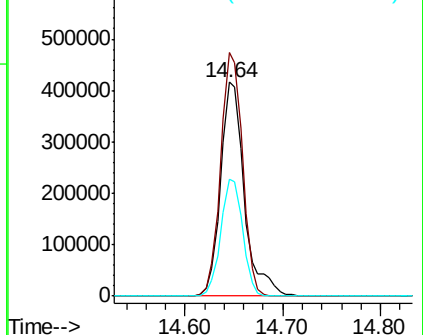


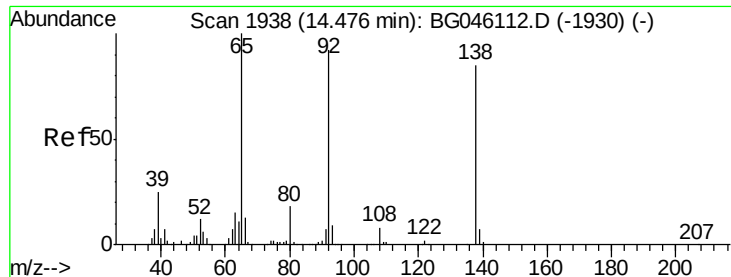
#52
 Acenaphthene
 Concen: 41.429 ng
 RT: 14.64 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Tgt Ion:154 Resp: 703355
 Ion Ratio Lower Upper
 154 100
 153 114.0 89.8 134.8
 152 54.5 44.5 66.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.479 ng

RT: 14.48 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

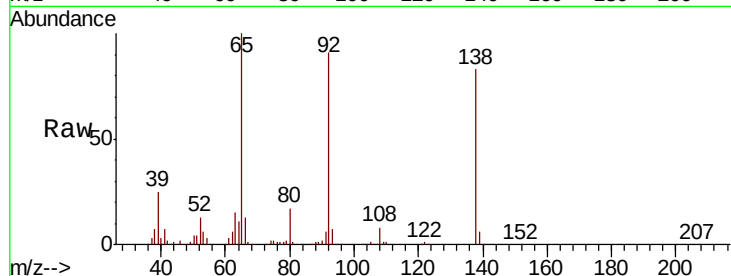
Tot Ion:138 Resp: 199154

Ion Ratio Lower Upper

138 100

108 10.1 7.2 10.8

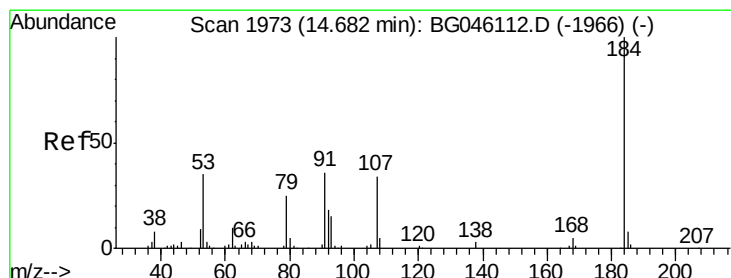
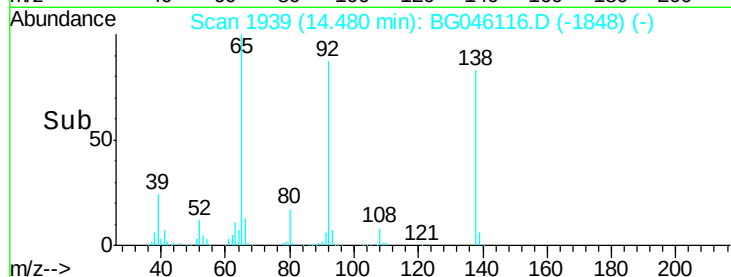
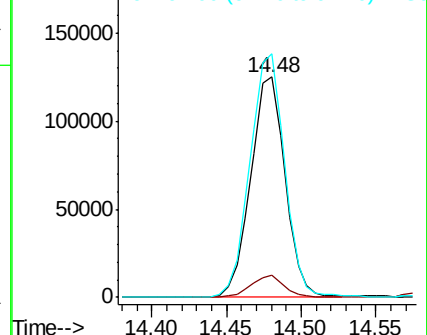
92 110.6 87.5 131.3



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: 40.887 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

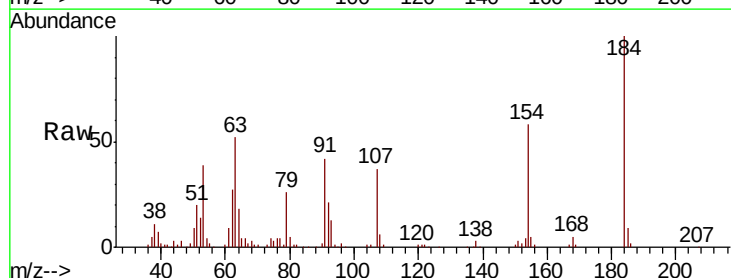
Tgt Ion:184 Resp: 111146

Ion Ratio Lower Upper

184 100

63 52.0 36.7 55.1

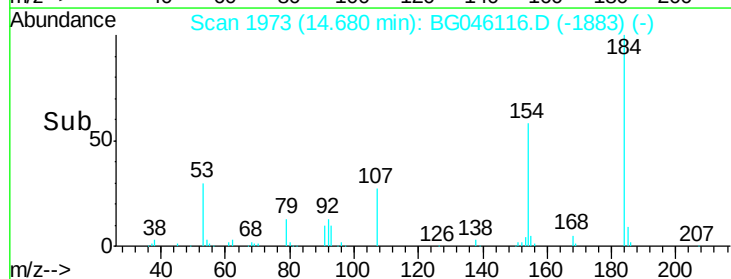
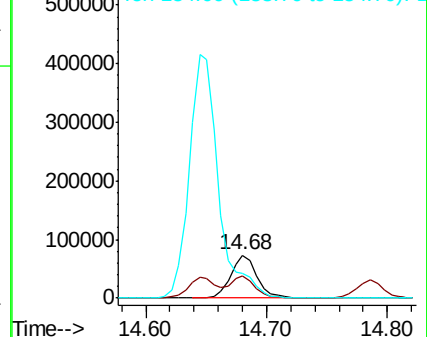
154 58.2 41.3 61.9

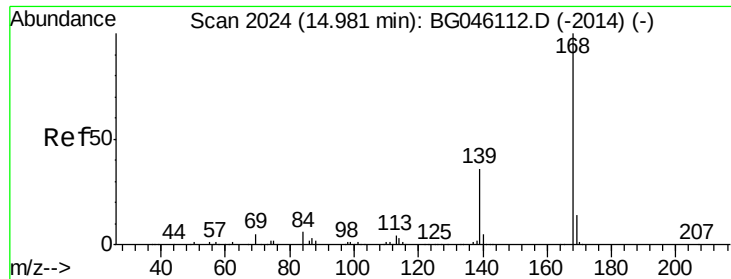


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

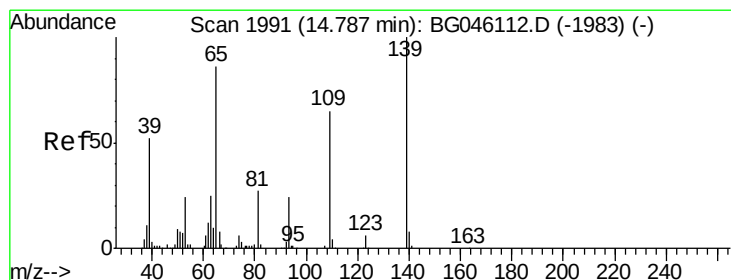
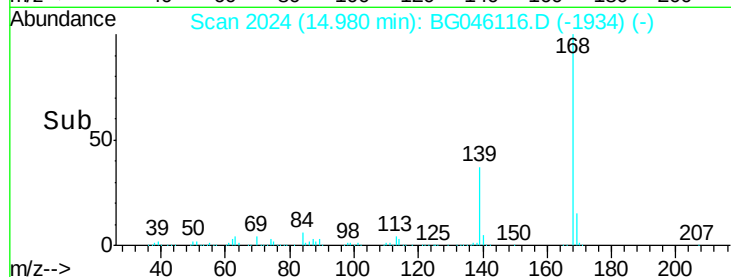
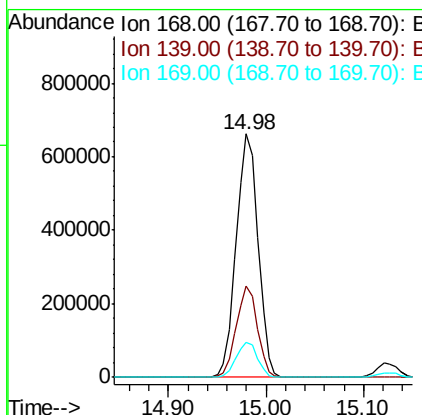
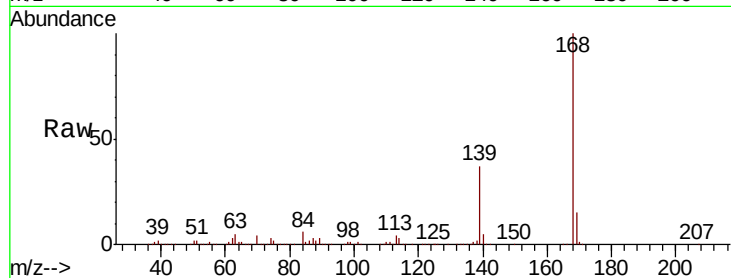




#55
Dibenzofuran
Concen: 40.222 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

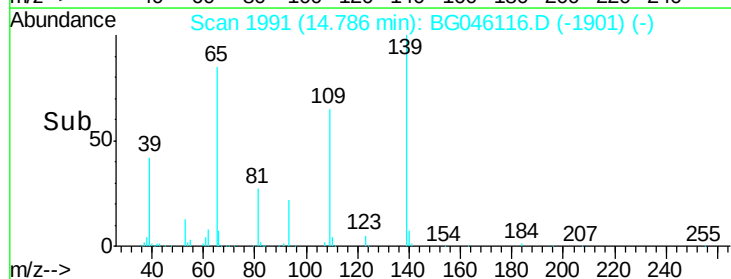
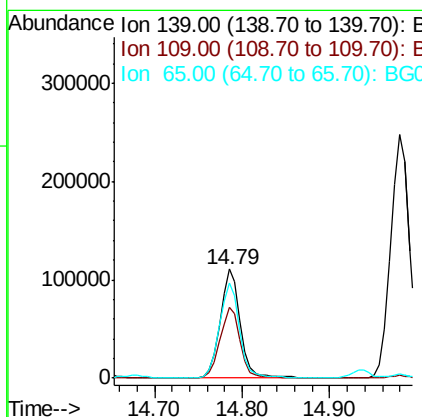
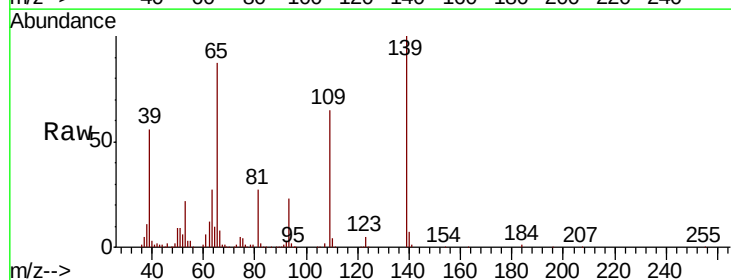
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

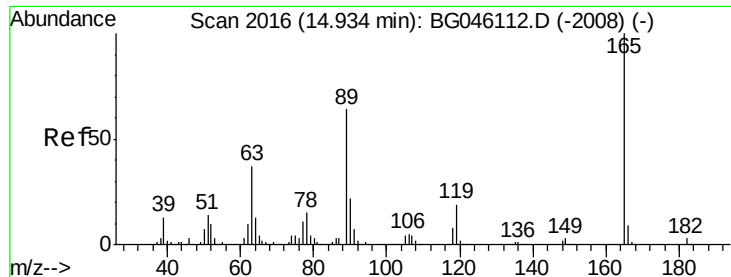
Tot Ion:168 Resp: 1030423
Ion Ratio Lower Upper
168 100
139 37.4 29.0 43.4
169 14.5 11.3 16.9



#56
4-Nitrophenol
Concen: 43.245 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:139 Resp: 176022
Ion Ratio Lower Upper
139 100
109 64.9 45.1 85.1
65 87.5 66.4 106.4

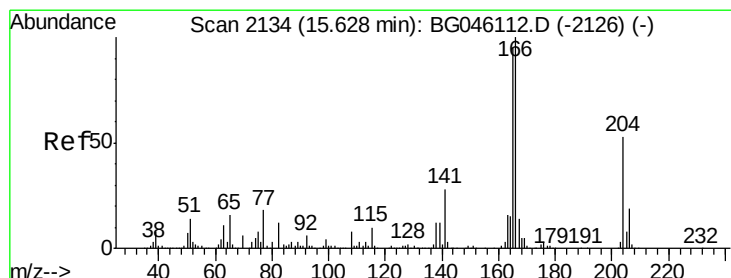
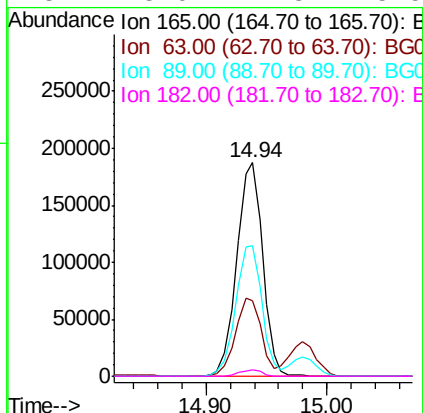
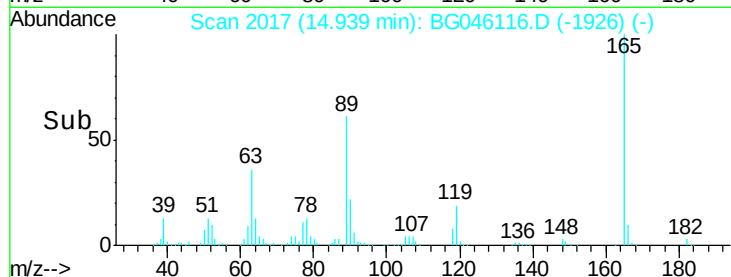
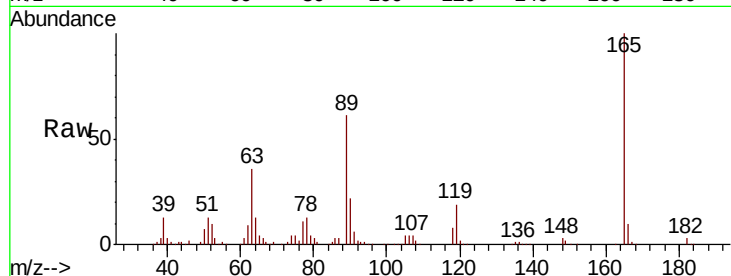




#57
2,4-Dinitrotoluene
Concen: 43.187 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

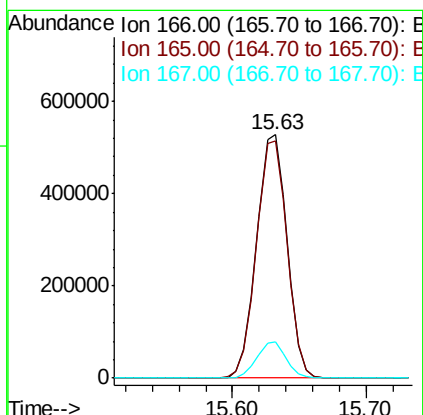
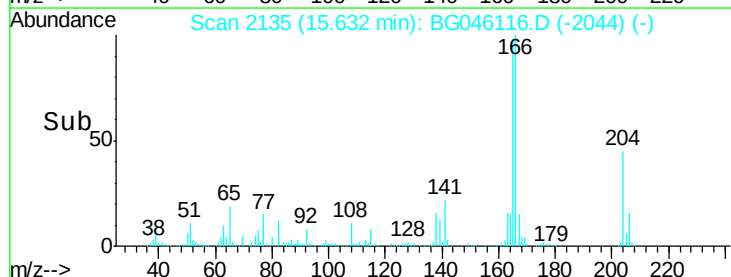
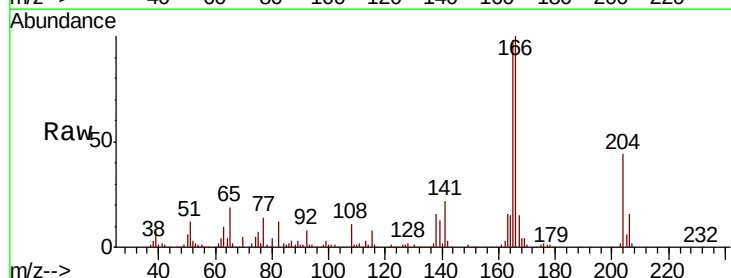
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

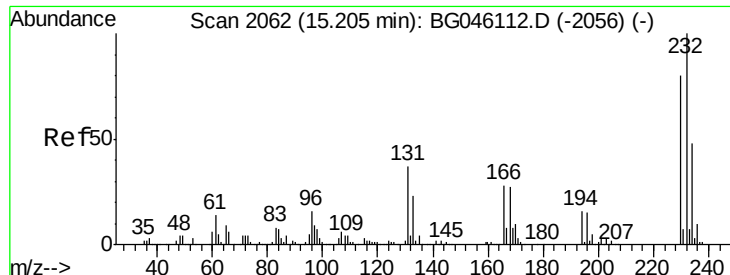
Tot Ion:165	Resp:	280798
Ion	Ratio	Lower Upper
165	100	
63	35.6	30.1 45.1
89	61.0	51.4 77.2
182	3.0	2.3 3.5



#58
Fluorene
Concen: 40.012 ng
RT: 15.63 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:166	Resp:	830105
Ion	Ratio	Lower Upper
166	100	
165	97.5	76.3 114.5
167	14.9	11.0 16.6

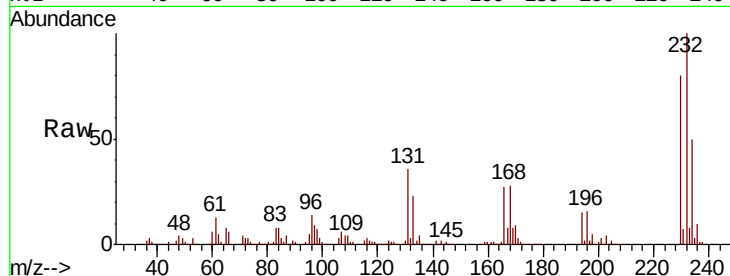




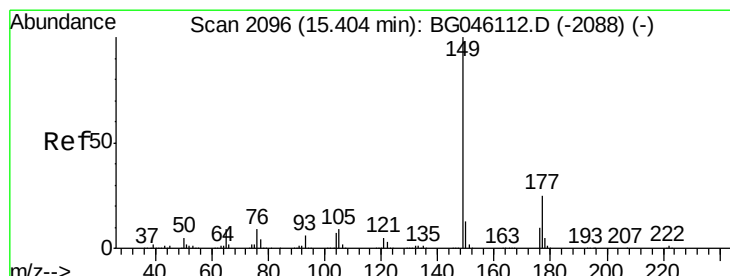
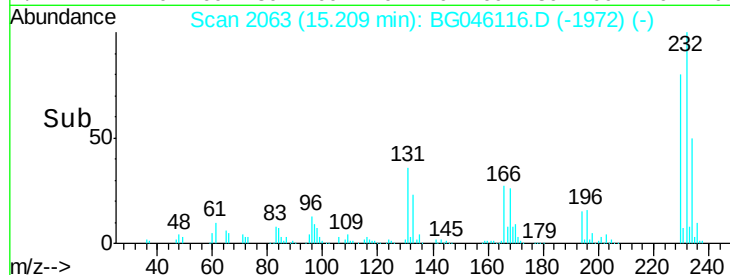
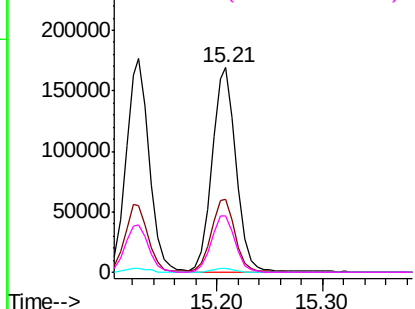
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.675 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG073020

Tot Ion:	232	Resp:	266907
Ion	Ratio	Lower	Upper
232	100		
131	35.5	28.6	42.8
130	2.0	1.6	2.4
166	27.6	22.5	33.7

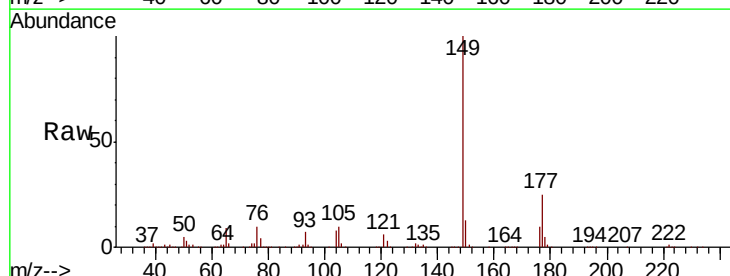


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

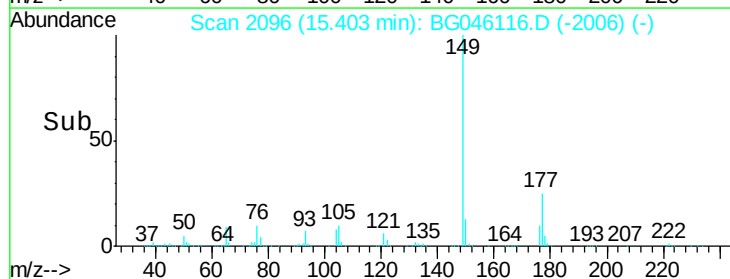
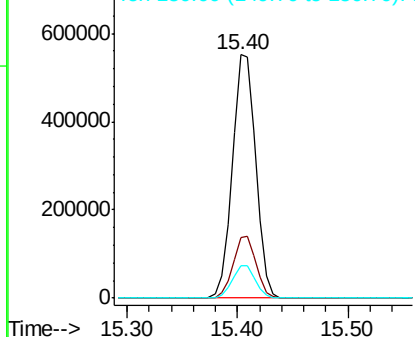


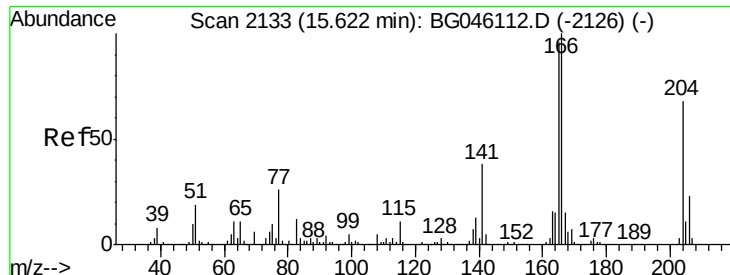
#60
 Diethylphthalate
 Concen: 40.982 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Tgt Ion:	149	Resp:	819176
Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.7	29.5
150	13.2	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

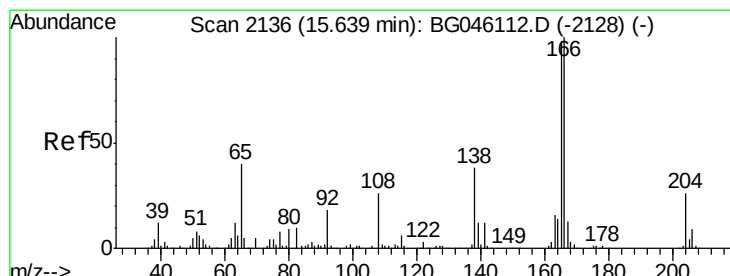
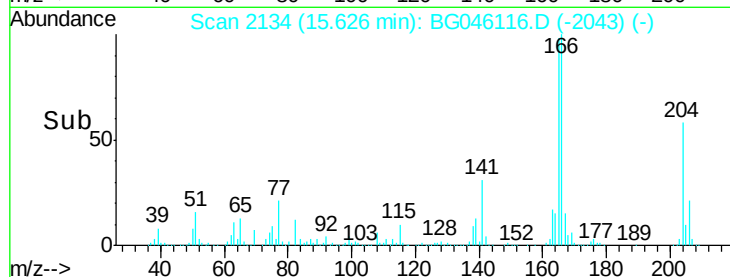
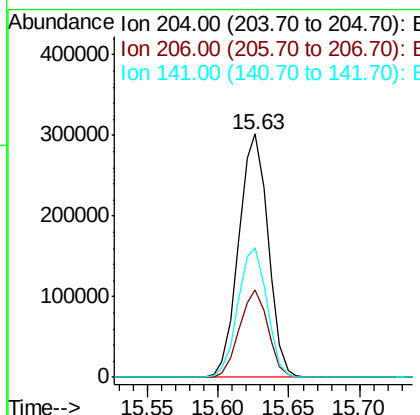
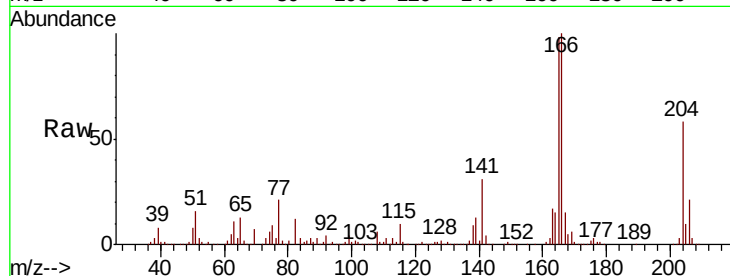




#61
 4-Chlorophenyl-phenylether
 Concen: 40.417 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

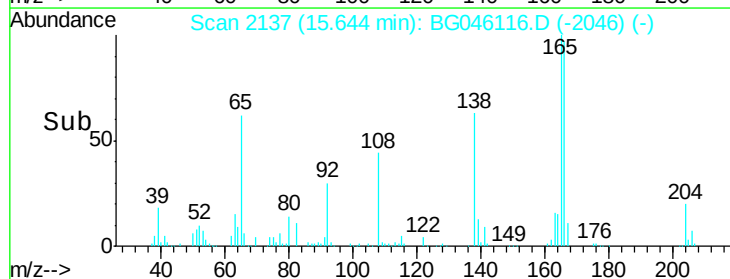
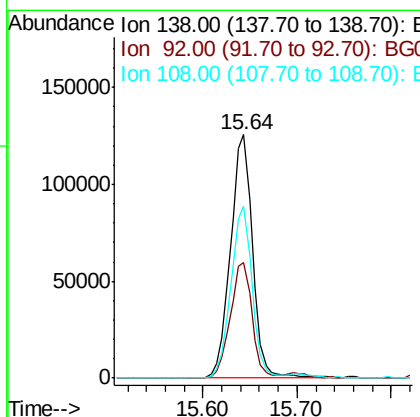
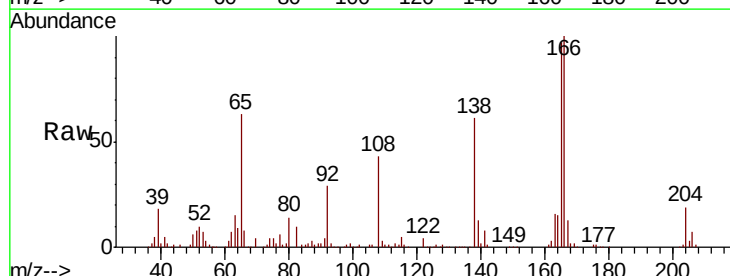
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG073020

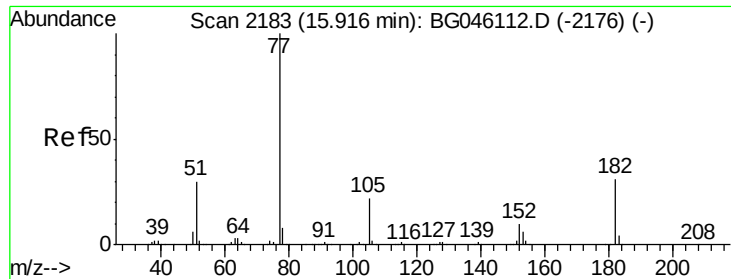
Tot Ion:204 Resp: 437948
 Ion Ratio Lower Upper
 204 100
 206 35.7 27.7 41.5
 141 53.1 44.7 67.1



#62
 4-Nitroaniline
 Concen: 43.572 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Tgt Ion:138 Resp: 205447
 Ion Ratio Lower Upper
 138 100
 92 47.6 28.3 68.3
 108 70.5 49.2 89.2

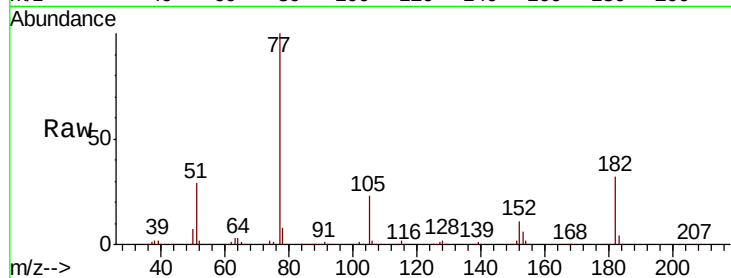




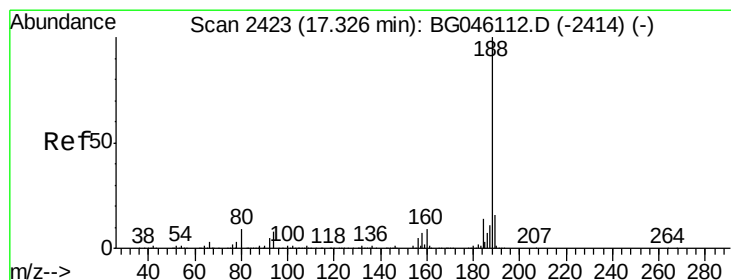
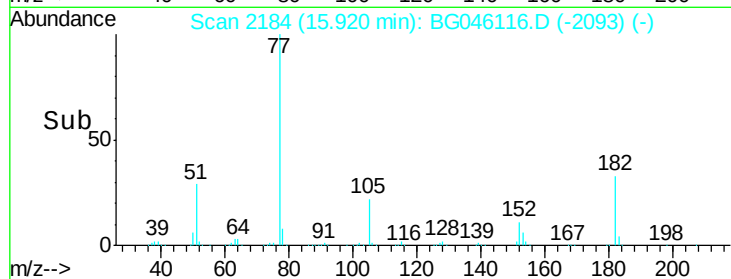
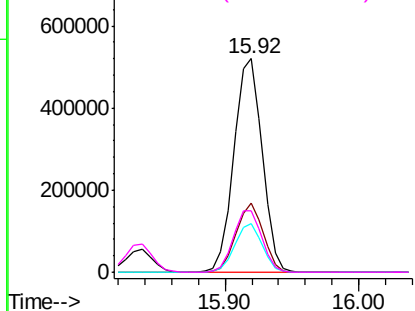
#63
Azobenzene
Concen: 40.791 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Instrument :
BNA_G
ClientSampleId :
ICVBG073020

Tot Ion:	77	Resp:	764155
Ion	Ratio	Lower	Upper
77	100		
182	32.5	10.7	50.7
105	22.5	1.9	41.9
51	29.0	9.5	49.5

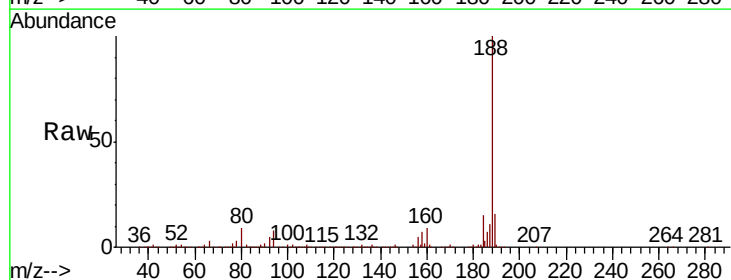


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

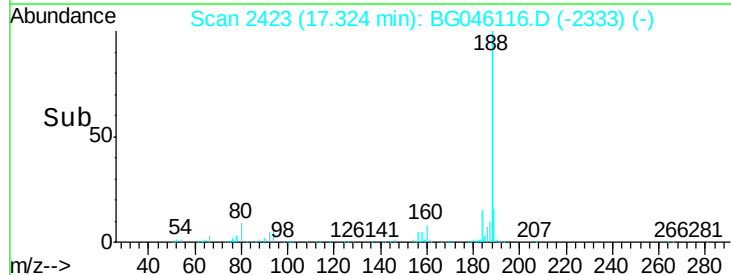
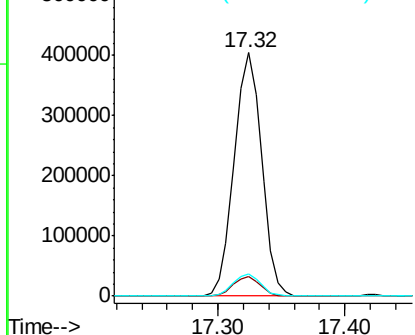


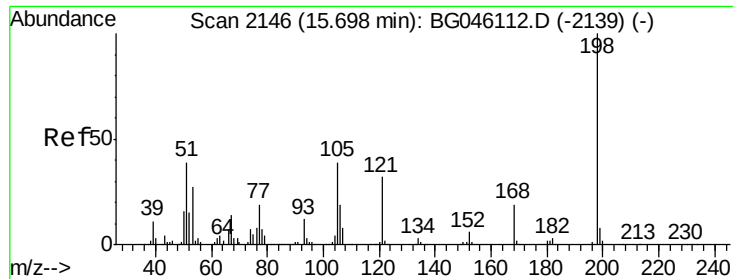
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:	188	Resp:	606145
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.4	9.6
80	9.2	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: 44.127 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

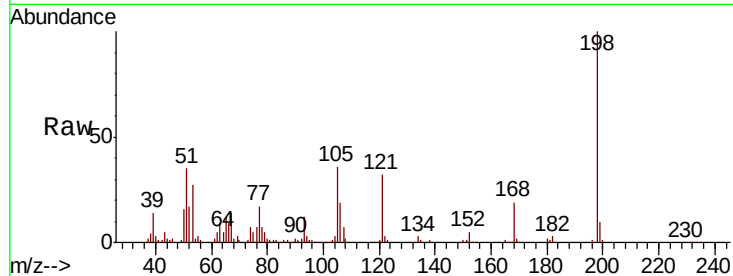
BNA_G

ClientSampleId :

ICVBG073020

Tot Ion:198 Resp: 176892

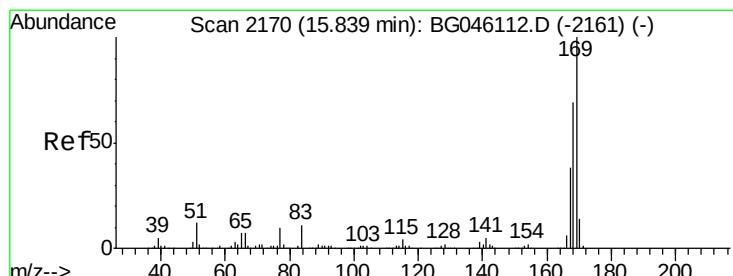
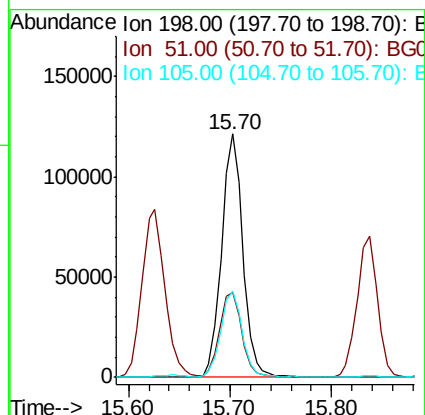
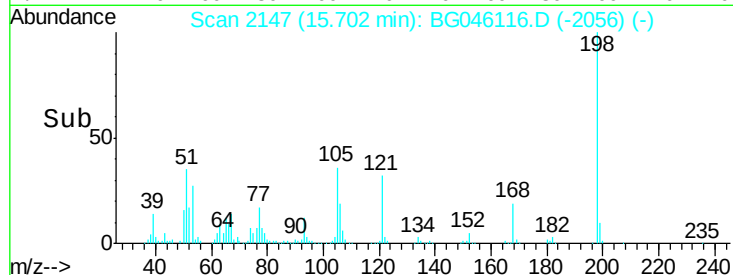
Ion	Ratio	Lower	Upper
198	100		
51	35.0	20.1	60.1
105	35.5	19.2	59.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG046116.D (-2056) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.144 ng

RT: 15.84 min Scan# 2170

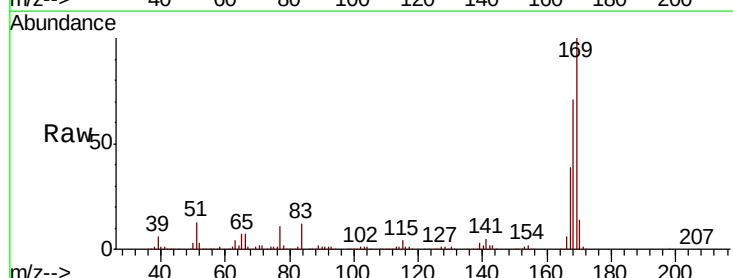
Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Tgt Ion:169 Resp: 754920

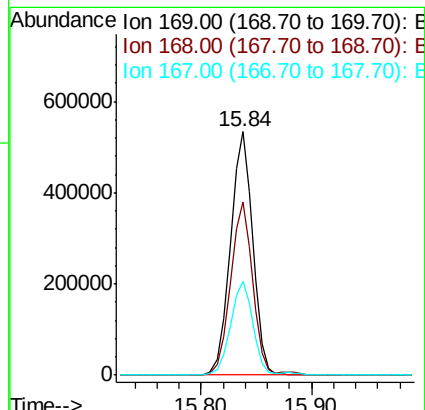
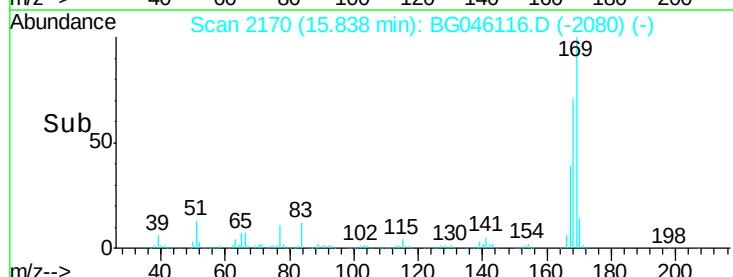
Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.1	82.7
167	38.7	30.5	45.7

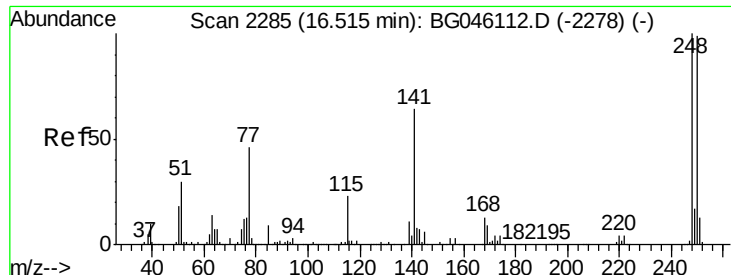


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

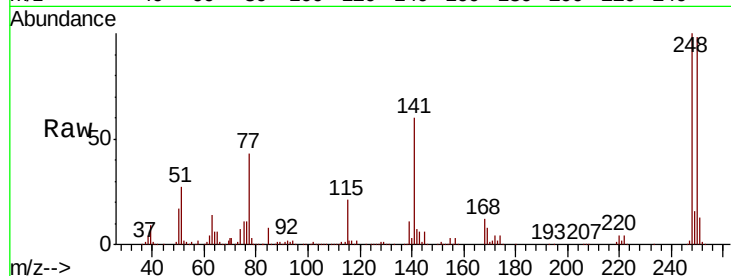




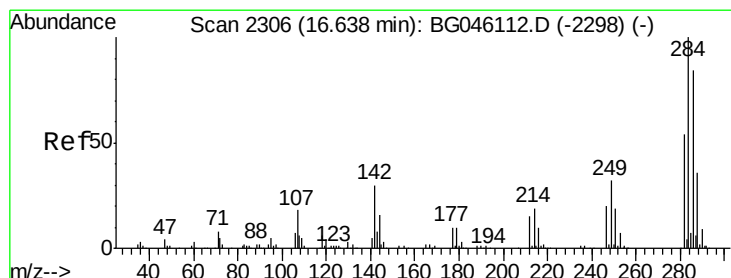
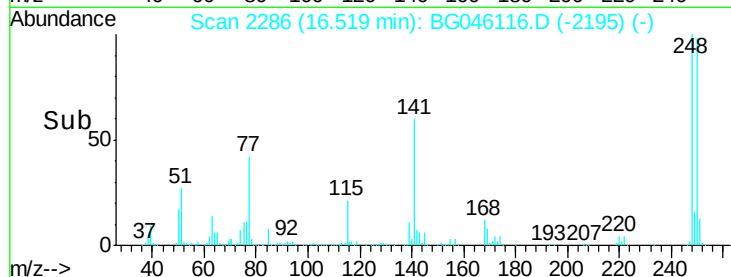
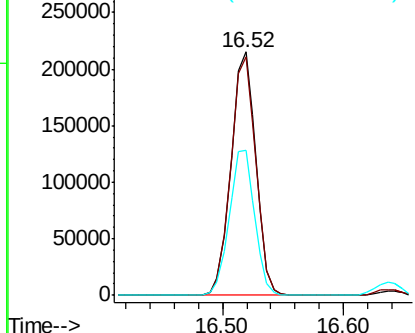
#67
4-Bromophenyl-phenylether
Concen: 41.060 ng
RT: 16.52 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Instrument :
BNA_G
ClientSampleId :
ICVBG073020

Tot Ion:248 Resp: 307478
Ion Ratio Lower Upper
248 100
250 97.7 79.4 119.0
141 59.7 50.9 76.3

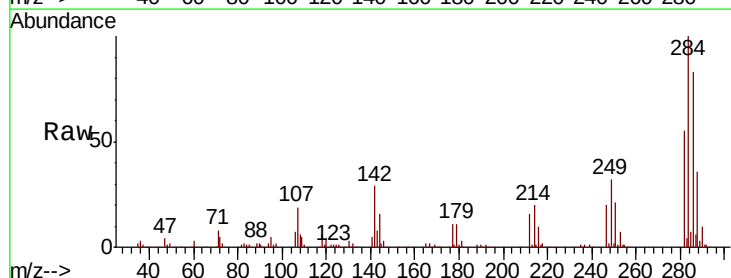


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

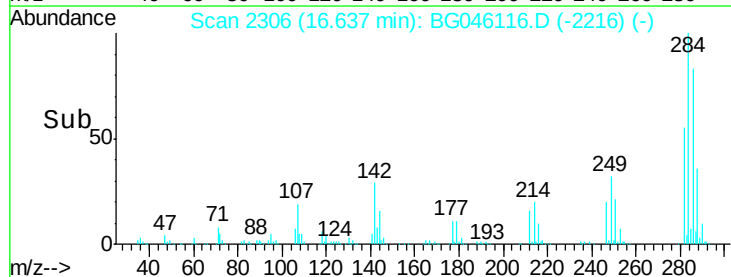
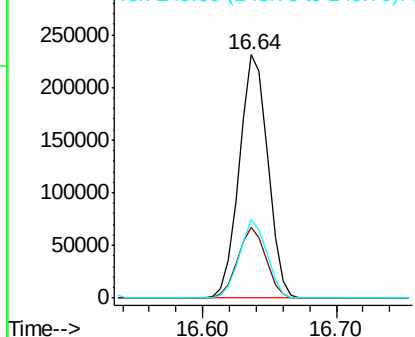


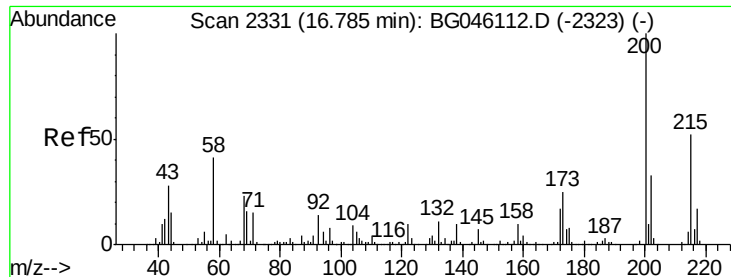
#68
Hexachlorobenzene
Concen: 40.609 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:284 Resp: 340985
Ion Ratio Lower Upper
284 100
142 29.3 23.6 35.4
249 32.4 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: 42.279 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

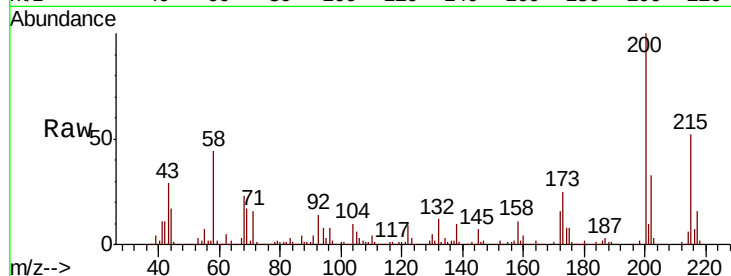
Tot Ion:200 Resp: 298709

Ion Ratio Lower Upper

200 100

173 24.7 5.3 45.3

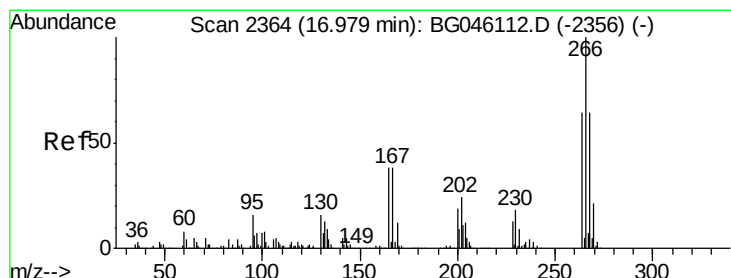
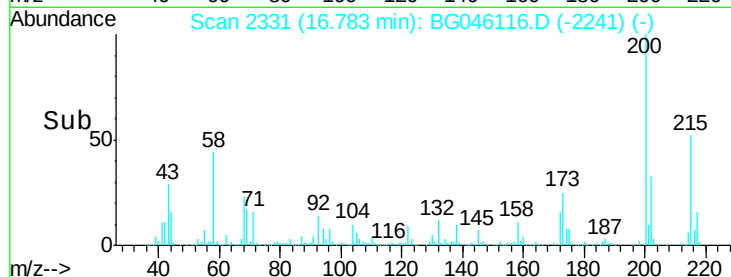
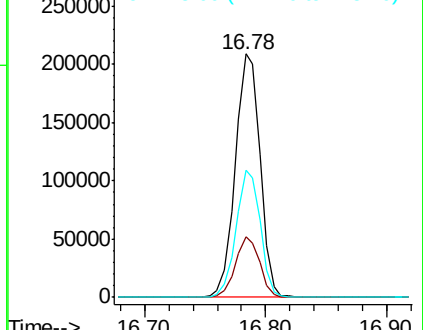
215 52.4 31.5 71.5



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: 43.111 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

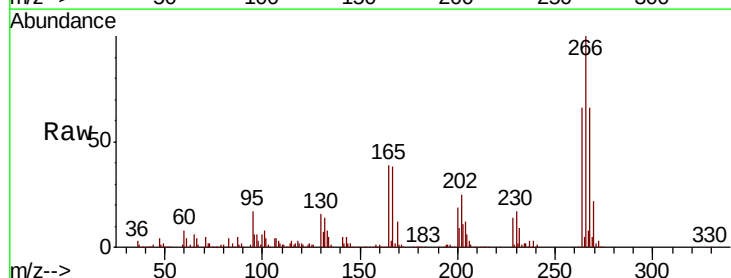
Tgt Ion:266 Resp: 234880

Ion Ratio Lower Upper

266 100

268 66.0 51.2 76.8

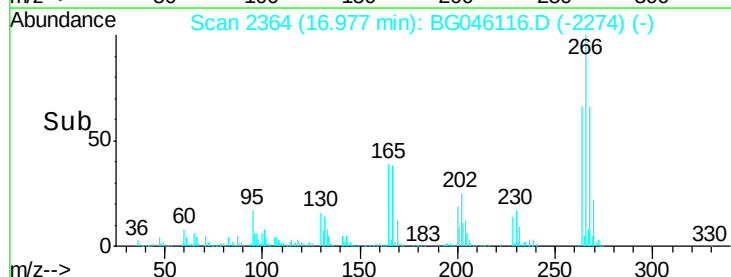
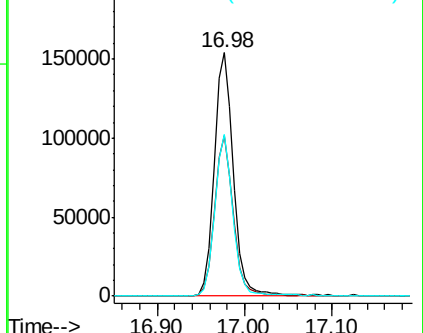
264 66.2 51.1 76.7

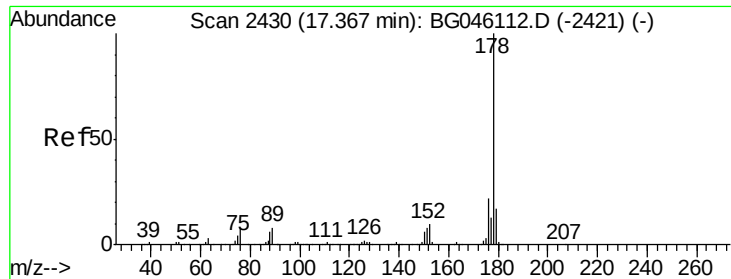


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

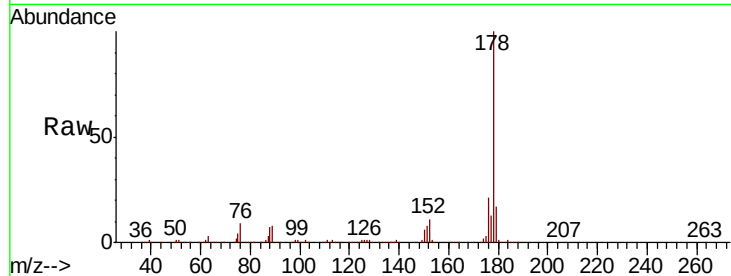




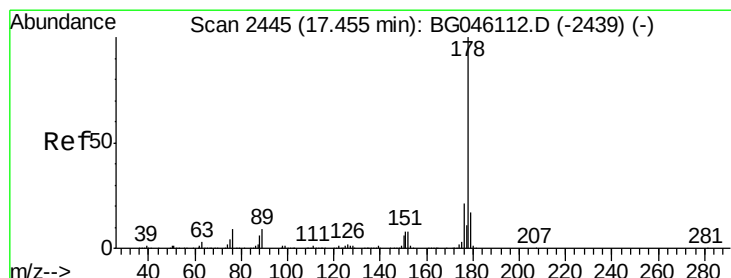
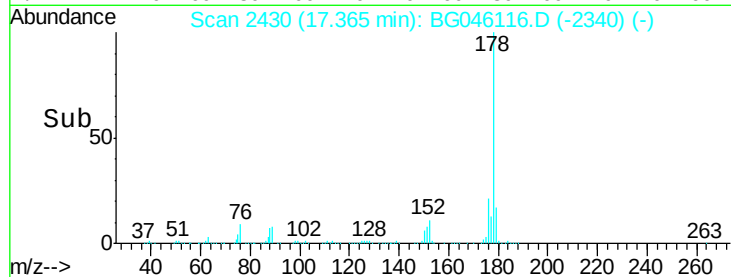
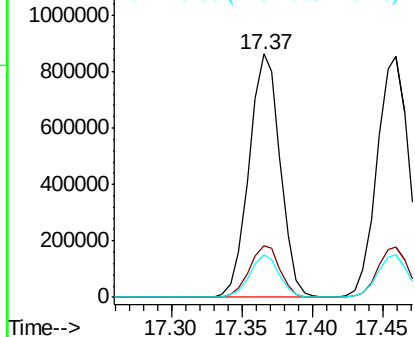
#71
Phenanthrene
Concen: 40.289 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Instrument :
BNA_G
ClientSampleId :
ICVBG073020

Tot Ion:178 Resp: 1337741
Ion Ratio Lower Upper
178 100
176 21.4 17.3 25.9
179 17.4 13.8 20.6

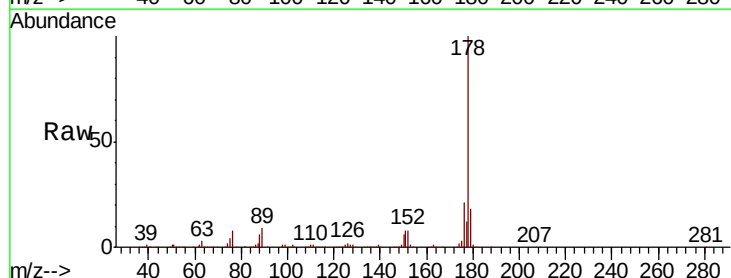


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

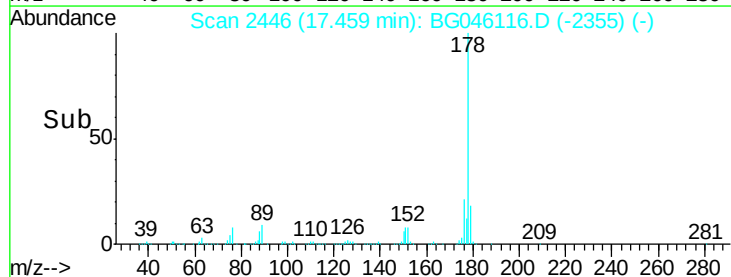
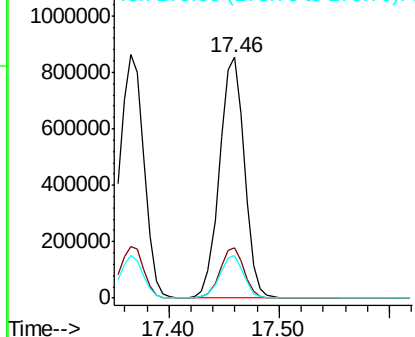


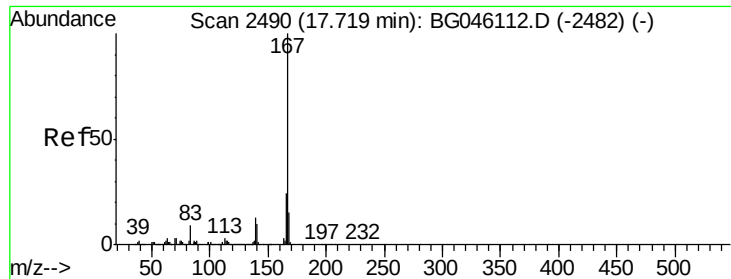
#72
Anthracene
Concen: 40.498 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:178 Resp: 1337514
Ion Ratio Lower Upper
178 100
176 20.8 16.6 24.8
179 17.7 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: 41.028 ng

RT: 17.72 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

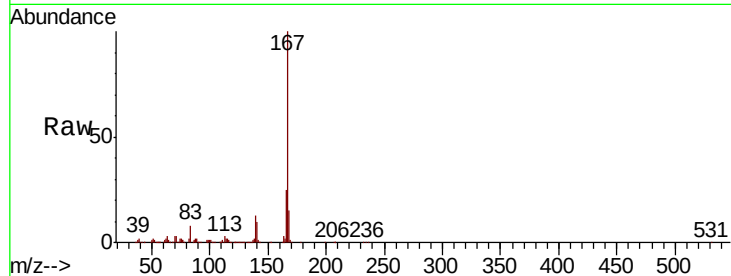
BNA_G

ClientSampleId :

ICVBG073020

Tot Ion:167 Resp: 1306594

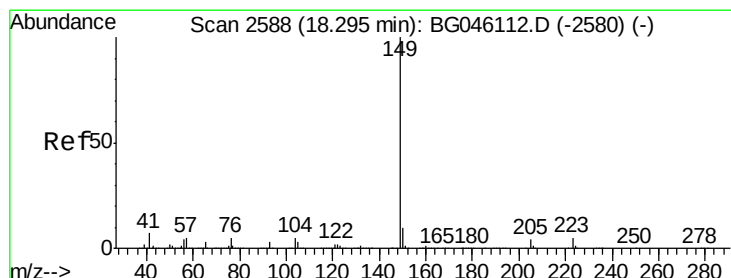
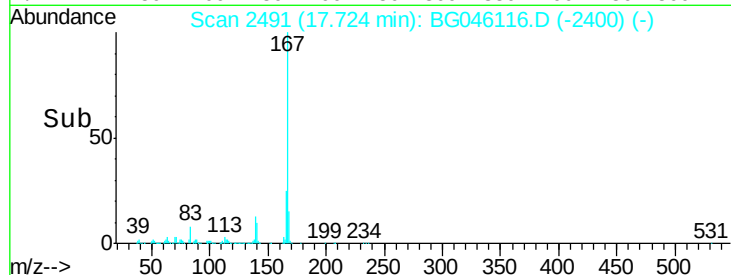
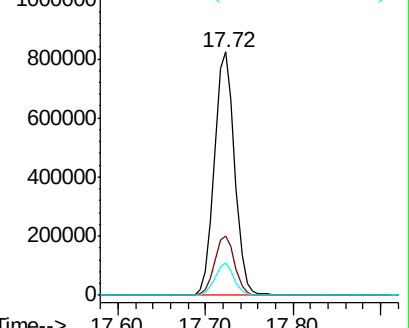
Ion	Ratio	Lower	Upper
167	100		
166	24.5	19.4	29.0
139	13.1	10.1	15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.943 ng

RT: 18.29 min Scan# 2588

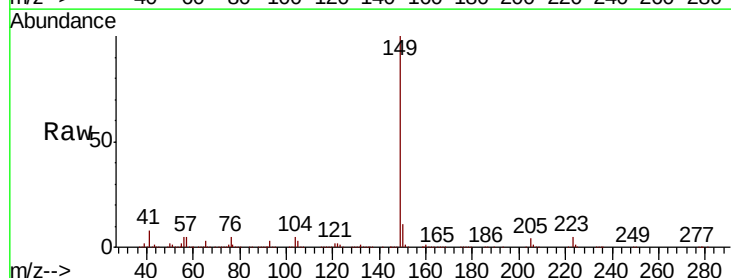
Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Tgt Ion:149 Resp: 1396236

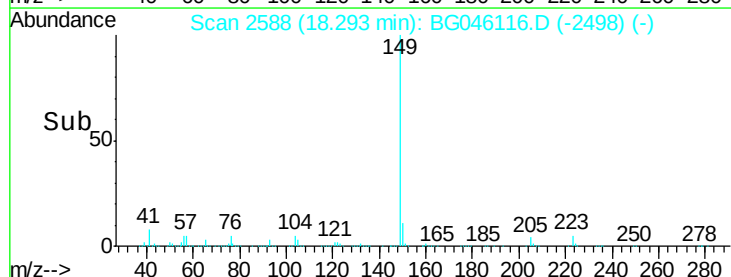
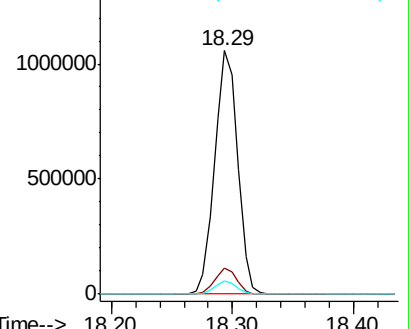
Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.4	12.6
104	5.3	4.2	6.2

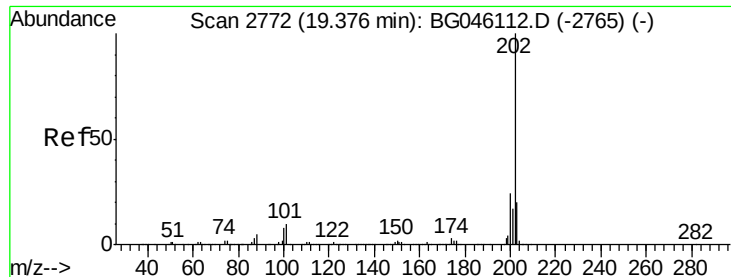


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.302 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

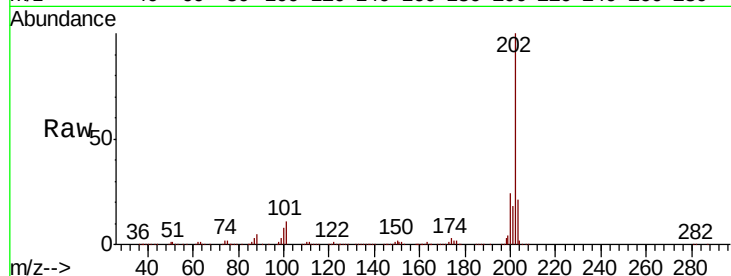
Tot Ion:202 Resp: 1670646

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.0

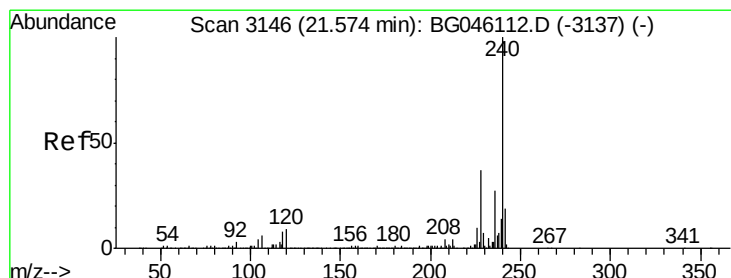
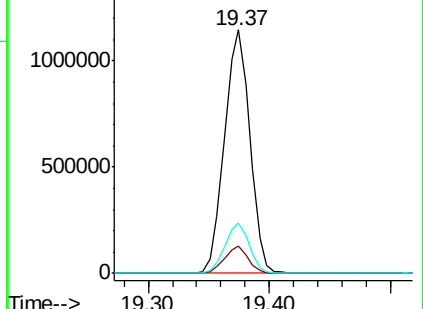
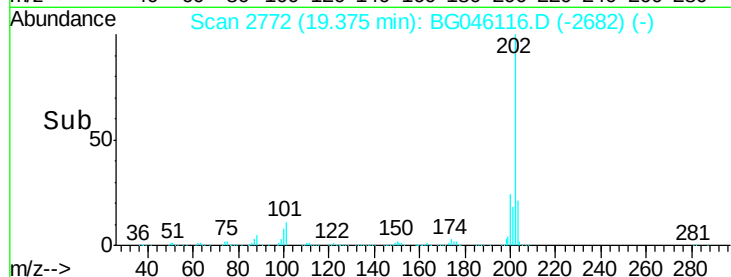
203 20.9 0.2 40.2



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# 3146

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

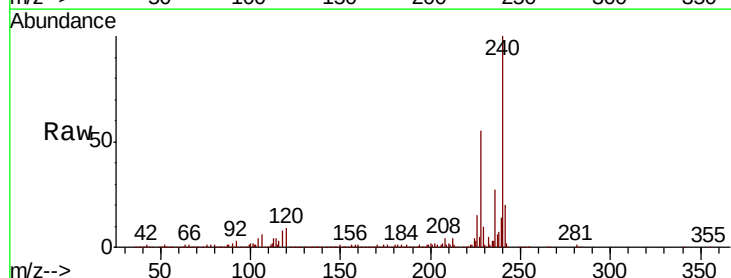
Tgt Ion:240 Resp: 617006

Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

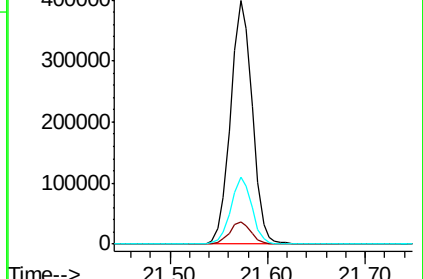
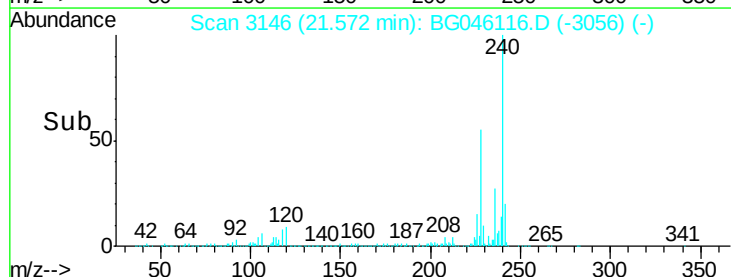
236 27.3 21.7 32.5

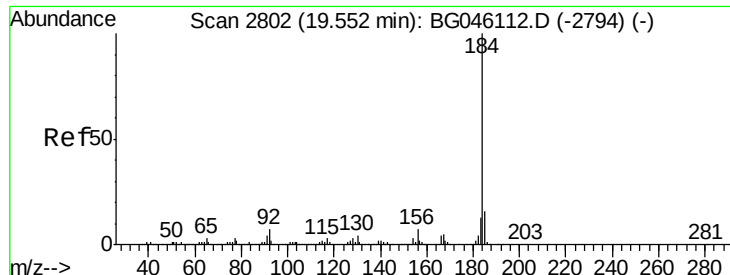


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.890 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

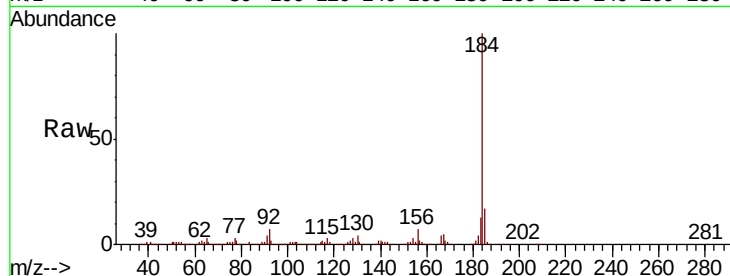
Tot Ion:184 Resp: 732112

Ion Ratio Lower Upper

184 100

185 16.9 13.0 19.4

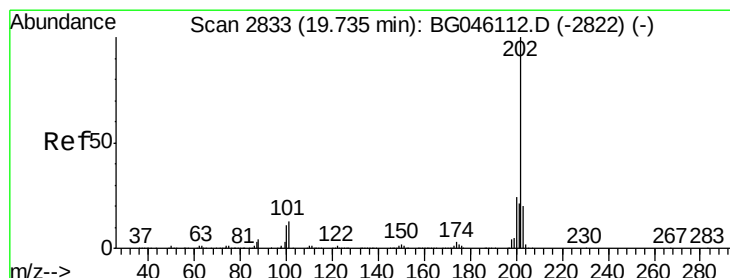
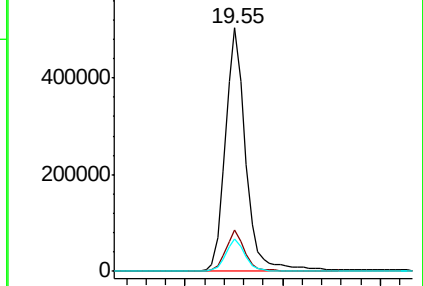
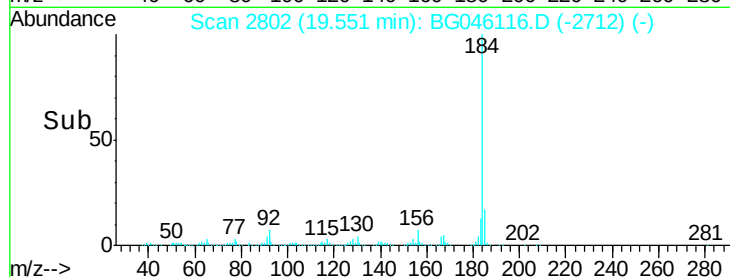
183 13.4 10.5 15.7



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: 40.813 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

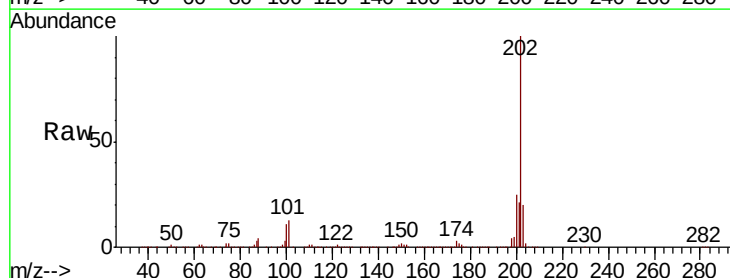
Tgt Ion:202 Resp: 1691988

Ion Ratio Lower Upper

202 100

200 25.2 19.5 29.3

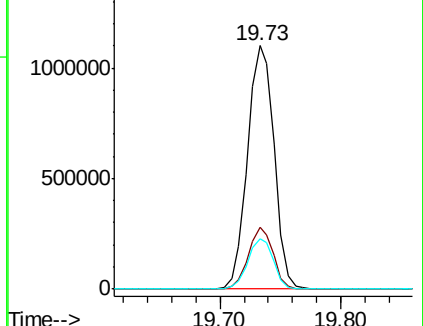
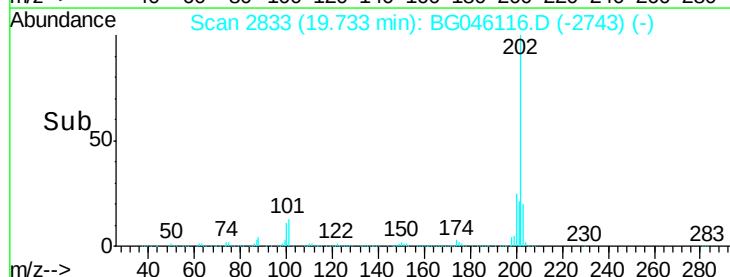
203 20.4 16.2 24.2

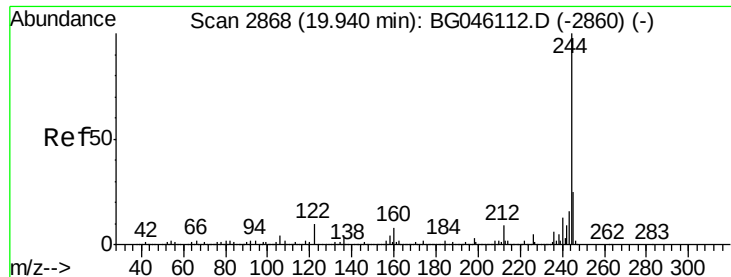


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.878 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

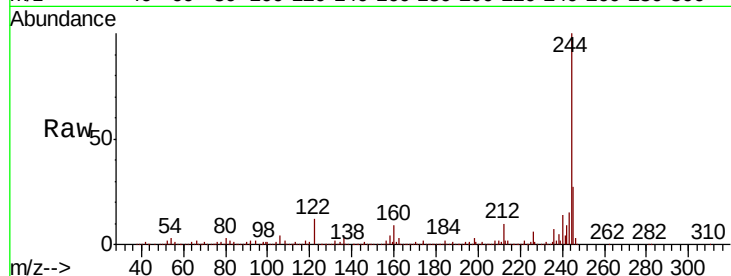
Tot Ion:244 Resp: 2298769

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

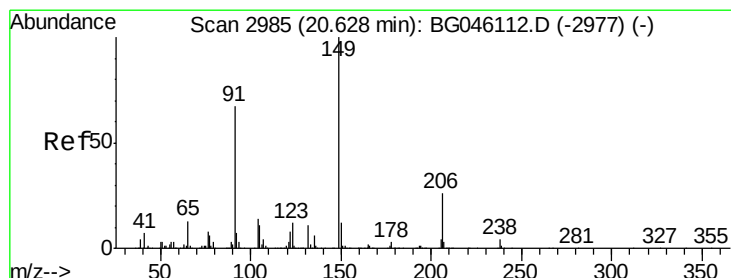
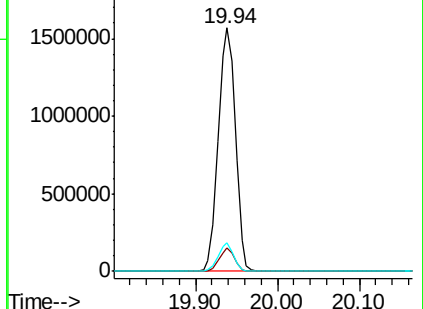
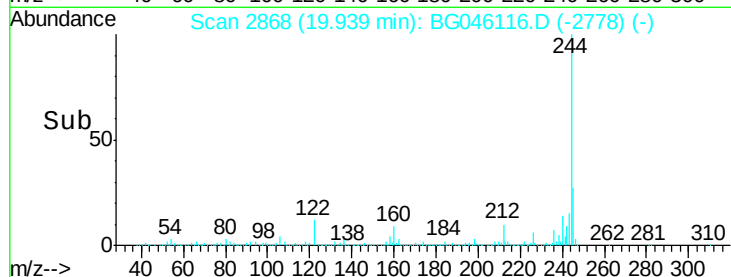
122 11.6 8.3 12.5



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: 43.825 ng

RT: 20.63 min Scan# 2986

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

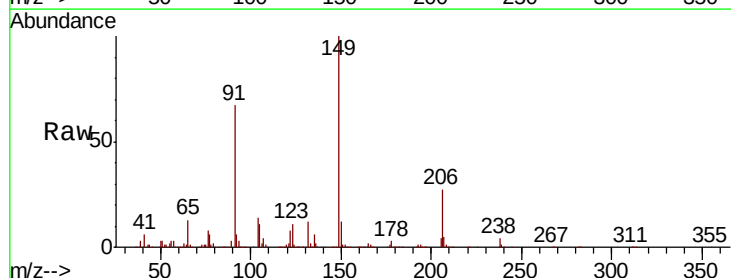
Tgt Ion:149 Resp: 658151

Ion Ratio Lower Upper

149 100

91 67.0 53.8 80.8

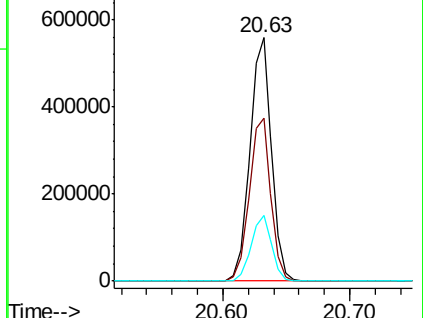
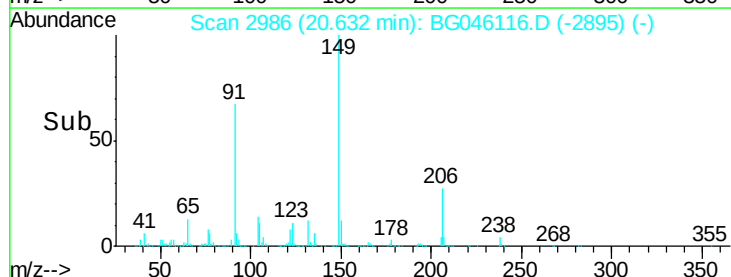
206 27.0 20.4 30.6

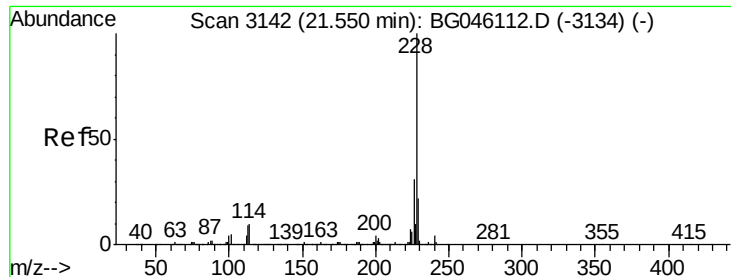


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.546 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

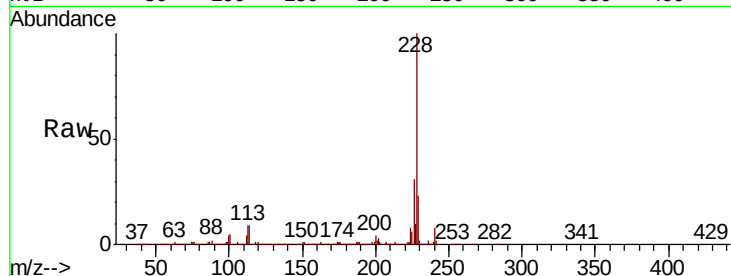
Tot Ion:228 Resp: 1674179

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

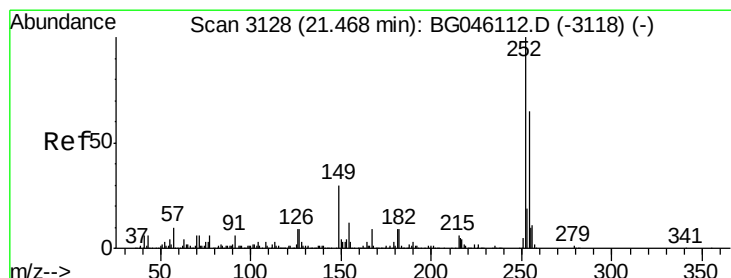
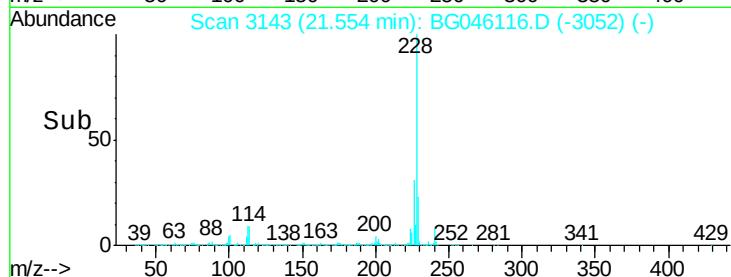
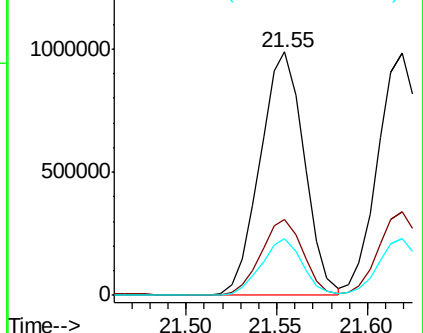
229 23.1 17.8 26.8



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



#82

3,3'-Dichlorobenzidine

Concen: 42.659 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

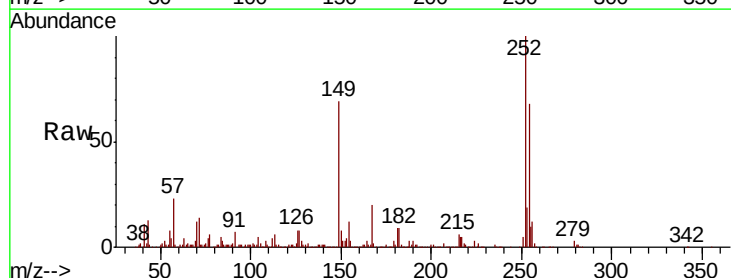
Tgt Ion:252 Resp: 731443

Ion Ratio Lower Upper

252 100

254 68.0 51.8 77.8

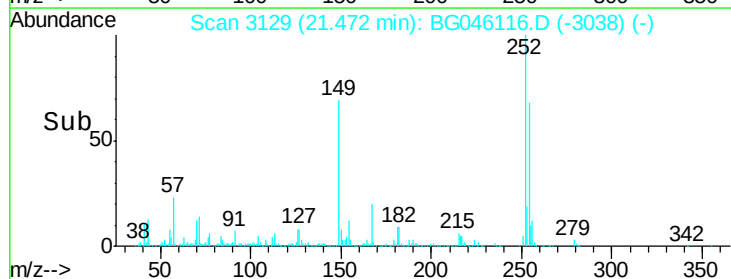
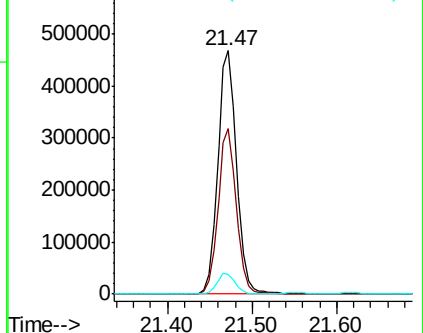
126 8.0 7.1 10.7

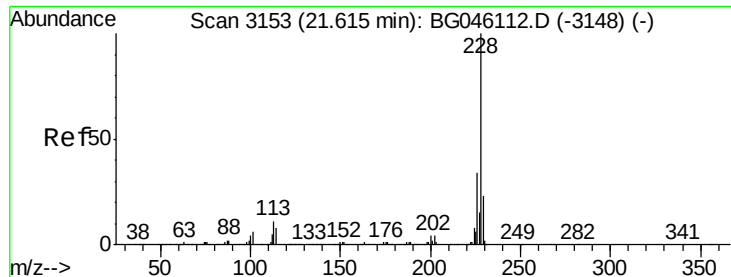


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.582 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

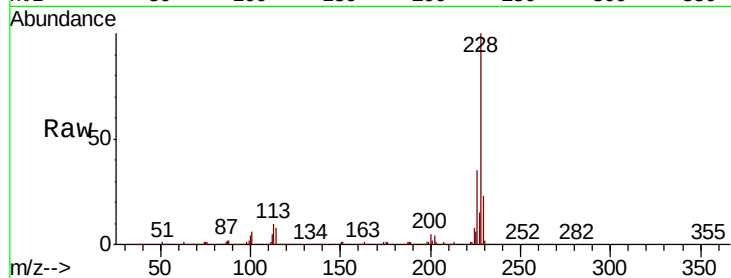
BNA_G

ClientSampleId :

ICVBG073020

Tot Ion:228 Resp: 1641480

Ion	Ratio	Lower	Upper
228	100		
226	34.6	26.9	40.3
229	23.4	18.2	27.4

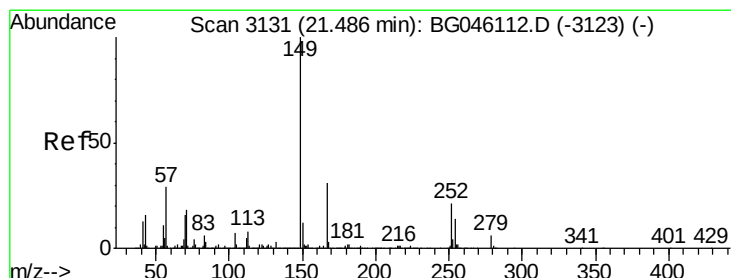
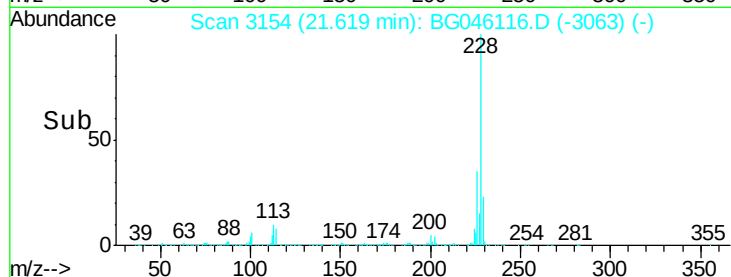
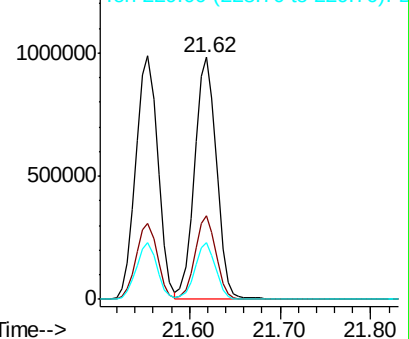


Abundance

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: 41.729 ng

RT: 21.48 min Scan# 3131

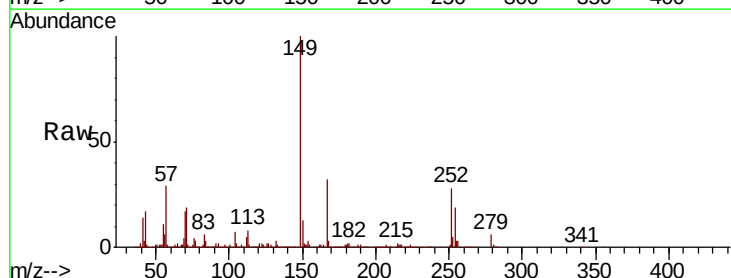
Delta R.T. -0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Tgt Ion:149 Resp: 895923

Ion	Ratio	Lower	Upper
149	100		
167	31.8	24.8	37.2
279	5.8	4.6	6.8

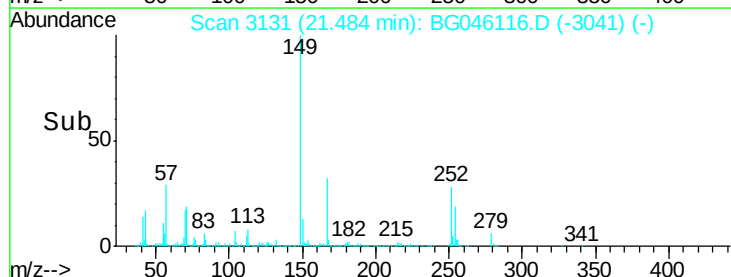
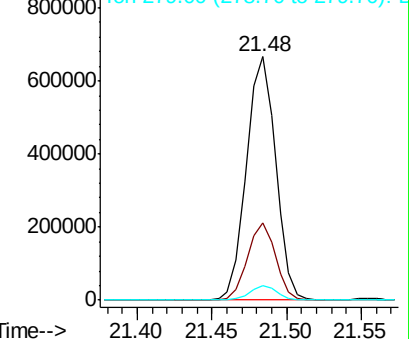


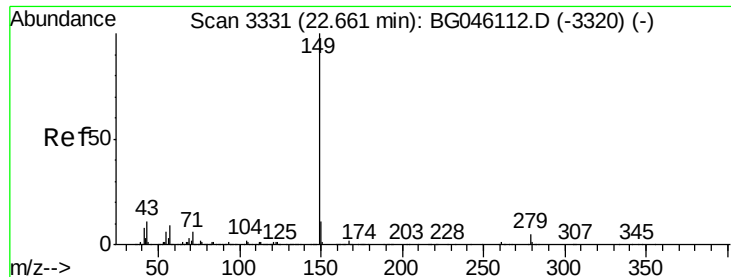
Abundance

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: 43.346 ng

RT: 22.66 min Scan# 3332

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

Instrument :

BNA_G

ClientSampleId :

ICVBG073020

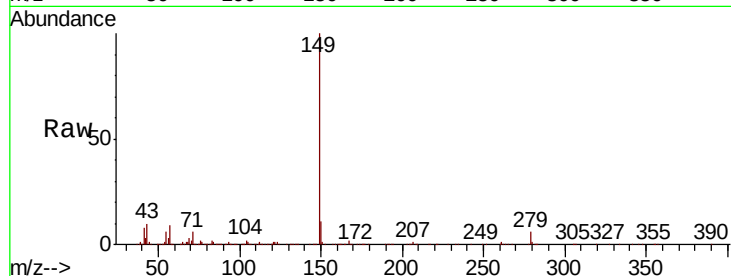
Tot Ion:149 Resp: 1575736

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

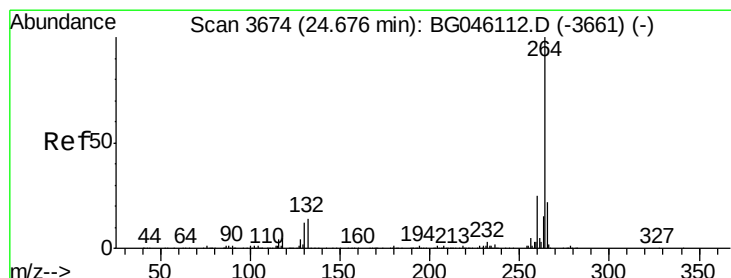
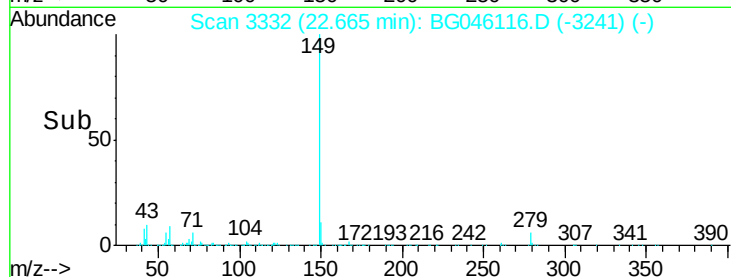
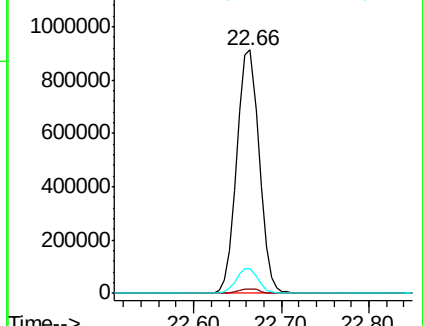
43 10.1 7.8 11.8



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: 24.68 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BG046116.D

Acq: 30 Jul 2020 18:36

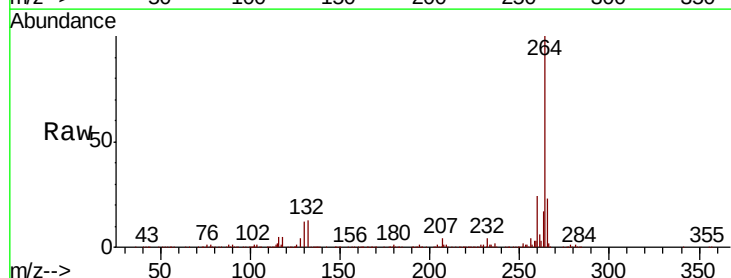
Tgt Ion:264 Resp: 671415

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

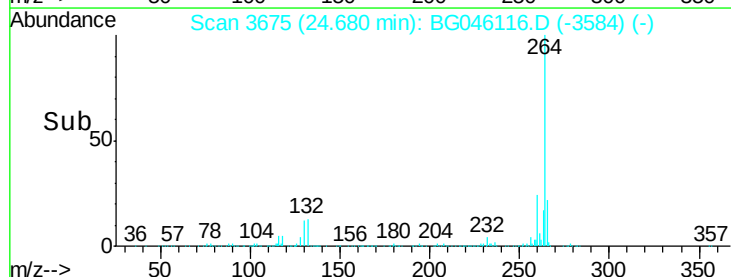
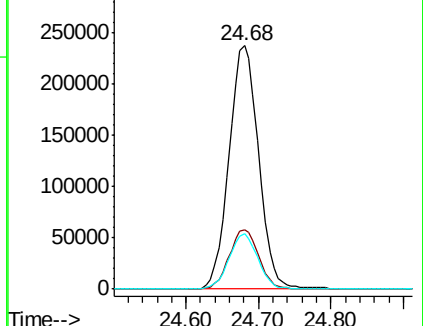
265 22.6 17.6 26.4

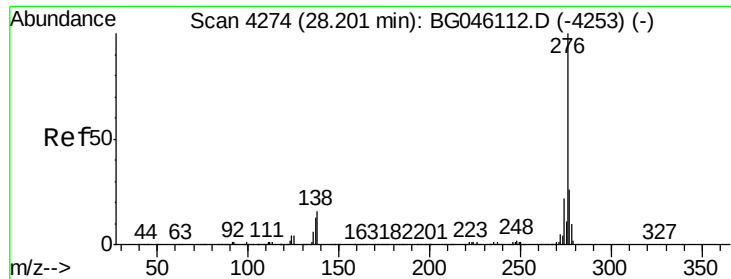


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



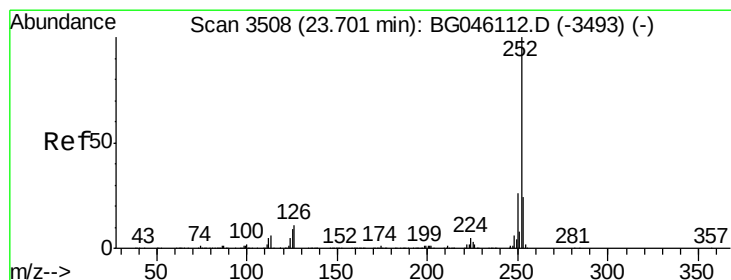
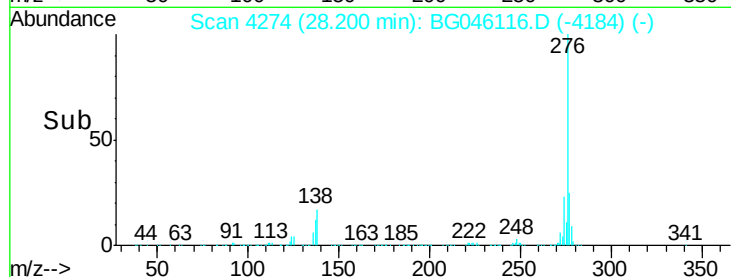
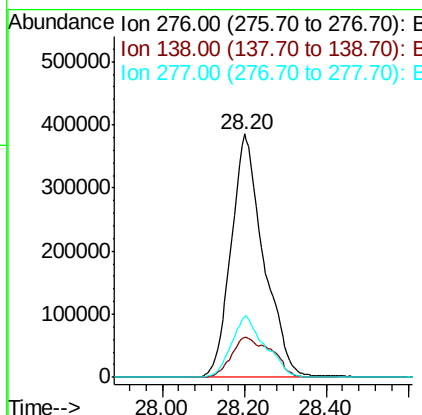
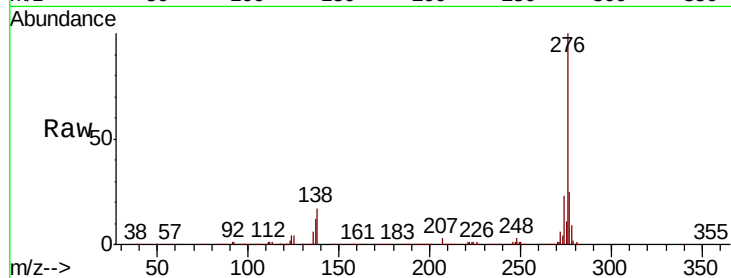


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.563 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG073020

Tot Ion:276 Resp: 2128292

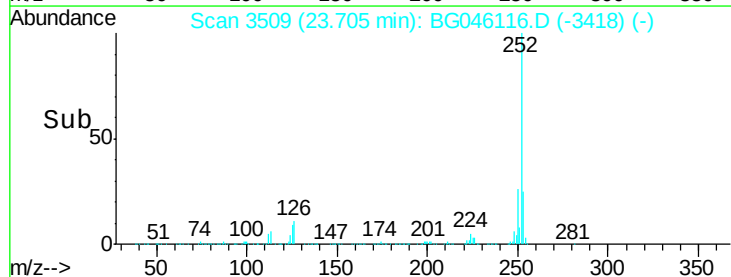
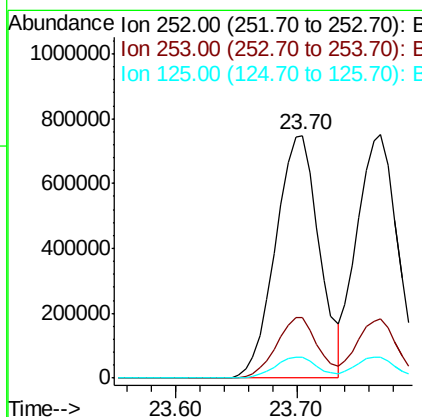
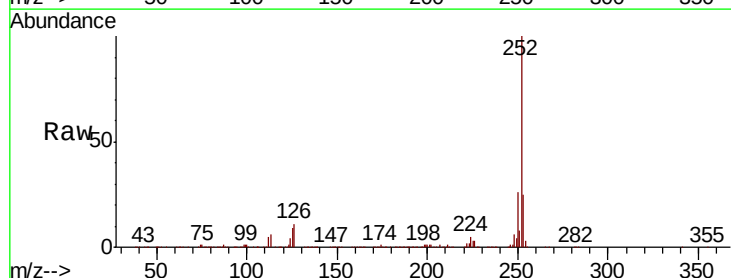
Ion	Ratio	Lower	Upper
276	100		
138	20.5	11.6	17.4#
277	26.1	20.8	31.2

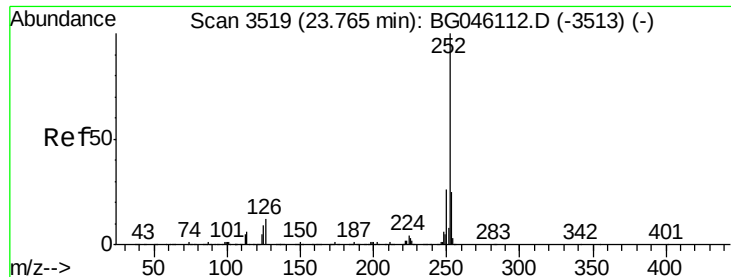


#88
 Benzo(b)fluoranthene
 Concen: 41.585 ng
 RT: 23.70 min Scan# 3509
 Delta R.T. 0.00 min
 Lab File: BG046116.D
 Acq: 30 Jul 2020 18:36

Tgt Ion:252 Resp: 1871051

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.2	28.8
125	8.7	7.2	10.8

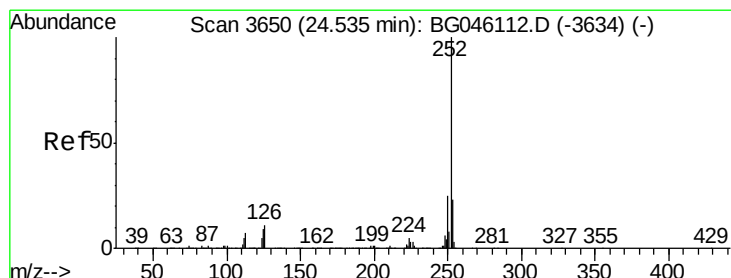
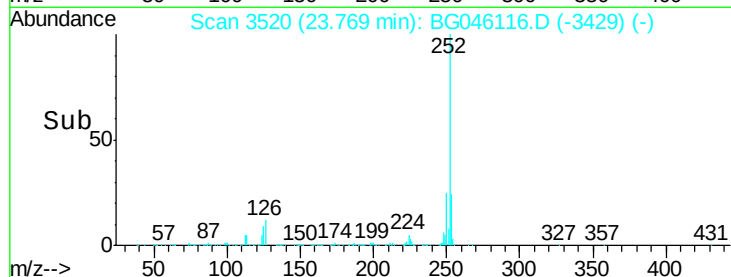
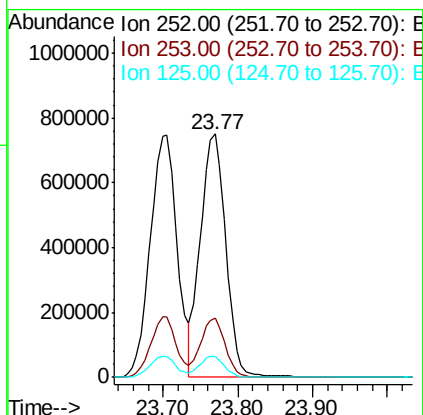
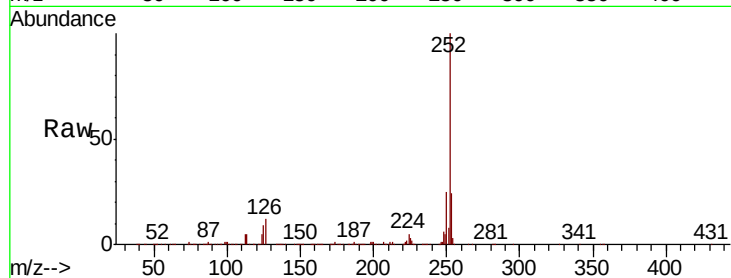




#89
Benzo(k)fluoranthene
Concen: 40.030 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

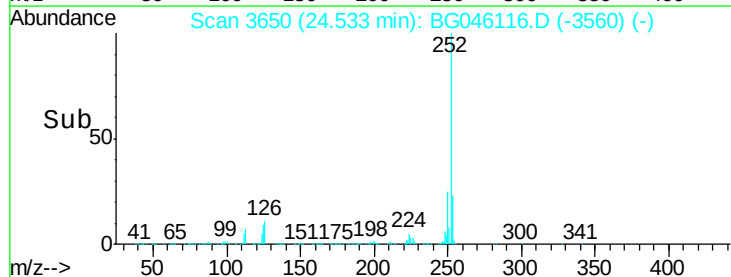
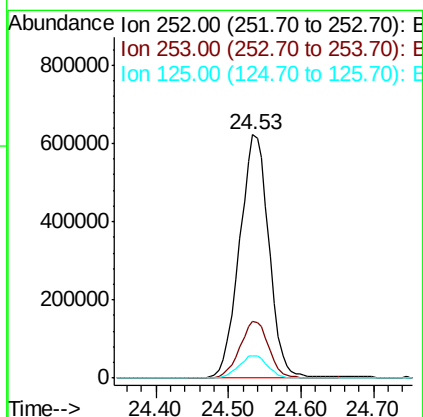
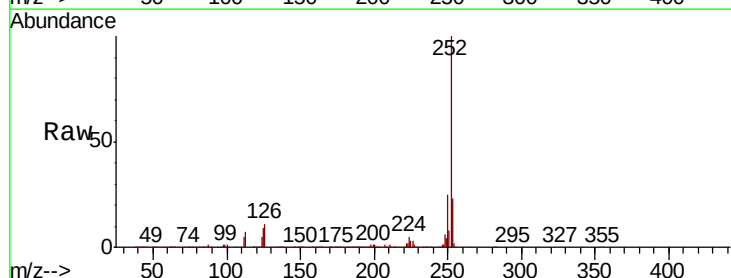
Instrument :
BNA_G
ClientSampleId :
ICVBG073020

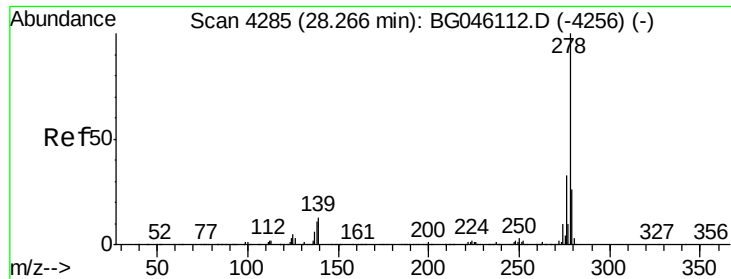
Tot Ion:252 Resp: 1766578
Ion Ratio Lower Upper
252 100
253 24.4 19.5 29.3
125 8.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 41.780 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:252 Resp: 1749208
Ion Ratio Lower Upper
252 100
253 23.5 18.6 27.8
125 9.4 7.1 10.7

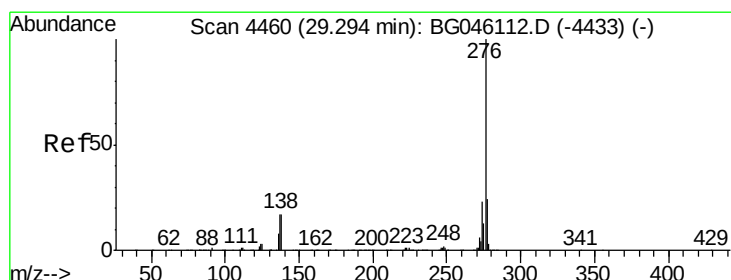
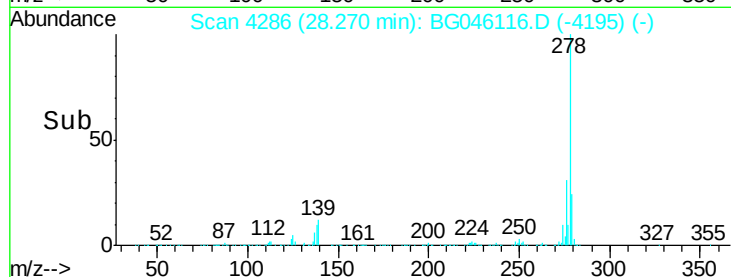
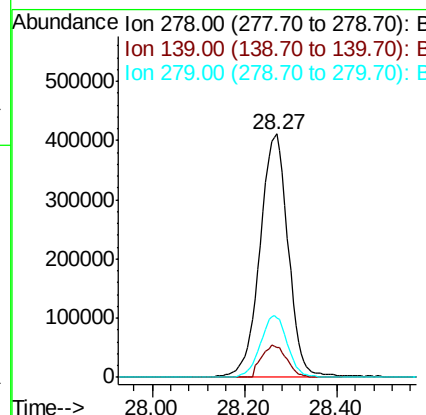
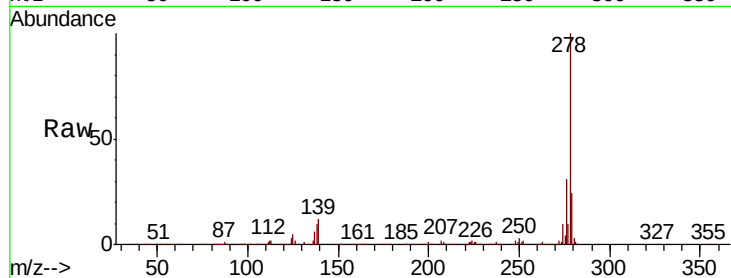




#91
Dibenzo(a,h)anthracene
Concen: 40.795 ng
RT: 28.27 min Scan# 4286
Delta R.T. 0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Instrument :
BNA_G
ClientSampleId :
ICVBG073020

Tot Ion:278 Resp: 1746295
Ion Ratio Lower Upper
278 100
139 12.3 10.8 16.2
279 24.4 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 40.619 ng
RT: 29.29 min Scan# 4460
Delta R.T. -0.00 min
Lab File: BG046116.D
Acq: 30 Jul 2020 18:36

Tgt Ion:276 Resp: 1756007
Ion Ratio Lower Upper
276 100
277 24.9 19.5 29.3
138 18.4 13.8 20.6

