

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045345.D
 Acq On : 13 May 2020 3:04
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 13 03:49:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	80526	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	311185	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	225788	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	519518	20.00	ng	0.00
76) Chrysene-d12	21.63	240	459587	20.00	ng	0.00
87) Perylene-d12	24.79	264	519073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	370569	75.97	ng	0.00
7) Phenol-d6	7.14	99	550999	76.03	ng	0.00
23) Nitrobenzene-d5	9.13	82	552568	81.02	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	265202	76.03	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1212807	78.76	ng	0.00
79) Terphenyl-d14	19.98	244	1810389	85.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	82225	37.933	ng	100
3) Pyridine	3.82	79	247560	37.092	ng	95
4) n-Nitrosodimethylamine	3.74	42	79909	39.084	ng	# 95
6) Aniline	7.29	93	351897	37.347	ng	98
8) 2-Chlorophenol	7.54	128	200912	38.327	ng	98
9) Benzaldehyde	7.11	77	153892	36.784	ng	94
10) Phenol	7.17	94	275812	38.034	ng	97
11) bis(2-Chloroethyl)ether	7.39	93	211522	36.635	ng	98
12) 1,3-Dichlorobenzene	7.86	146	234936	38.033	ng	96
13) 1,4-Dichlorobenzene	8.01	146	233217	37.890	ng	97
14) 1,2-Dichlorobenzene	8.33	146	222433	37.774	ng	98
15) Benzyl Alcohol	8.21	79	226301	37.246	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	197144	34.784	ng	94
17) 2-Methylphenol	8.42	107	206301	36.872	ng	95
18) Hexachloroethane	9.06	117	90549	39.133	ng	96
19) n-Nitroso-di-n-propylamine	8.78	70	186560	36.402	ng	98
20) 3+4-Methylphenols	8.75	107	284238	36.294	ng	98
22) Acetophenone	8.79	105	326763	38.830	ng	# 98
24) Nitrobenzene	9.17	77	281343	40.245	ng	96
25) Isophorone	9.70	82	525124	37.600	ng	99
26) 2-Nitrophenol	9.89	139	125761	41.764	ng	99
27) 2,4-Dimethylphenol	9.95	122	184176	38.547	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	275641	37.563	ng	97
29) 2,4-Dichlorophenol	10.43	162	219283	39.747	ng	99
30) 1,2,4-Trichlorobenzene	10.65	180	254507	40.744	ng	97
31) Naphthalene	10.83	128	666489	39.152	ng	98
32) Benzoic acid	10.11	122	119963	33.327	ng	96
33) 4-Chloroaniline	10.94	127	297732	37.502	ng	98
34) Hexachlorobutadiene	11.13	225	174949	40.851	ng	98
35) Caprolactam	11.71	113	74006	33.704	ng	93
36) 4-Chloro-3-methylphenol	12.07	107	251258	38.768	ng	97
37) 2-Methylnaphthalene	12.44	142	505880	38.286	ng	97
38) 1-Methylnaphthalene	12.66	142	477373	38.270	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	288326	39.661	ng	100

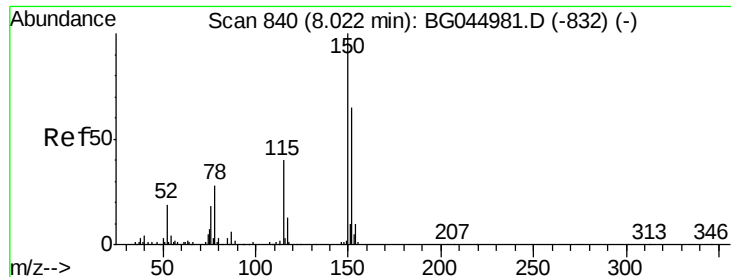
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045345.D
 Acq On : 13 May 2020 3:04
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
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Quant Time: May 13 03:49:30 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	171348	37.711	ng	99
43) 2,4,6-Trichlorophenol	13.05	196	196278	38.255	ng	94
44) 2,4,5-Trichlorophenol	13.13	196	223700	38.304	ng	99
46) 1,1'-Biphenyl	13.45	154	660258	38.473	ng	99
47) 2-Chloronaphthalene	13.49	162	506558	38.630	ng	99
48) 2-Nitroaniline	13.69	65	167801	38.893	ng	100
49) Acenaphthylene	14.34	152	813862	38.103	ng	100
50) Dimethylphthalate	14.07	163	684809	37.249	ng	99
51) 2,6-Dinitrotoluene	14.19	165	156118	37.965	ng	97
52) Acenaphthene	14.68	154	501611	34.710	ng	99
53) 3-Nitroaniline	14.51	138	161307	35.766	ng	94
54) 2,4-Dinitrophenol	14.72	184	96743	39.565	ng	# 88
55) Dibenzofuran	15.02	168	800896	38.012	ng	98
56) 4-Nitrophenol	14.83	139	122332	34.983	ng	99
57) 2,4-Dinitrotoluene	14.98	165	223997	37.274	ng	97
58) Fluorene	15.66	166	664262	38.598	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	194701	37.468	ng	97
60) Diethylphthalate	15.44	149	707876	36.930	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	381750	38.538	ng	99
62) 4-Nitroaniline	15.68	138	167484	35.804	ng	92
63) Azobenzene	15.95	77	667472	37.770	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	141179	41.343	ng	97
66) n-Nitrosodiphenylamine	15.87	169	575125	38.530	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	262612	39.183	ng	96
68) Hexachlorobenzene	16.68	284	273912	39.406	ng	97
69) Atrazine	16.82	200	184747	32.619	ng	99
70) Pentachlorophenol	17.02	266	145673	34.162	ng	97
71) Phenanthrene	17.41	178	1028493	38.525	ng	99
72) Anthracene	17.50	178	1035390	38.664	ng	100
73) Carbazole	17.77	167	997917	36.721	ng	99
74) Di-n-butylphthalate	18.33	149	1172869	38.813	ng	99
75) Fluoranthene	19.42	202	1250137	39.020	ng	99
77) Benzidine	19.59	184	570842	42.561	ng	98
78) Pyrene	19.78	202	1250103	39.455	ng	99
80) Butylbenzylphthalate	20.67	149	533419	40.615	ng	97
81) Benzo(a)anthracene	21.61	228	1183247	39.723	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	466976	39.387	ng	98
83) Chrysene	21.67	228	1146348	40.053	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	729389	40.380	ng	99
85) Di-n-octyl phthalate	22.72	149	1245942	39.888	ng	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1487946	39.157	ng	98
88) Benzo(b)fluoranthene	23.79	252	1275792	39.238	ng	98
89) Benzo(k)fluoranthene	23.86	252	1196967	38.710	ng	98
90) Benzo(a)pyrene	24.64	252	1198892	39.053	ng	98
91) Dibenzo(a,h)anthracene	28.44	278	1192270	38.543	ng	98
92) Benzo(g,h,i)perylene	29.51	276	1185467	38.225	ng	97

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

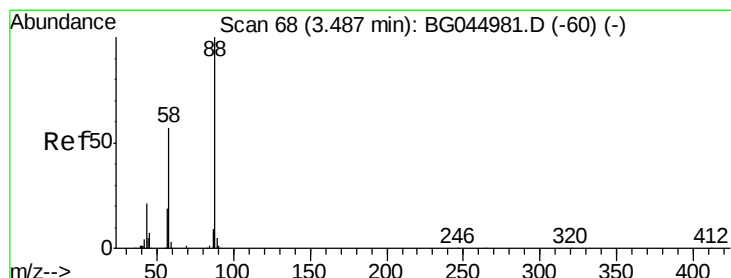
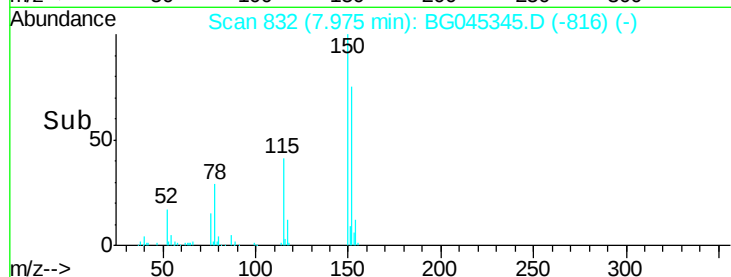
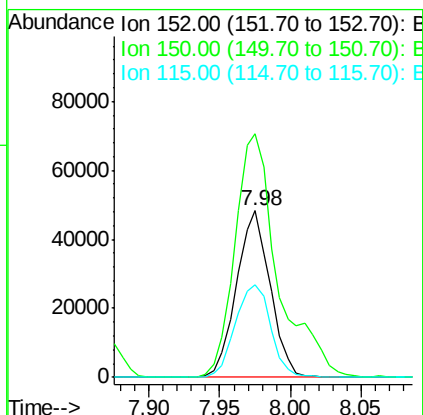
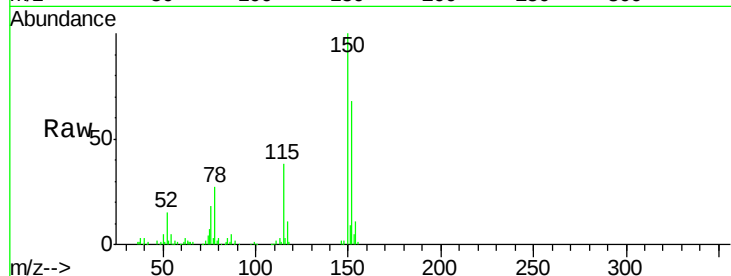


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Instrument :
 BNA_G
 ClientSampleId :

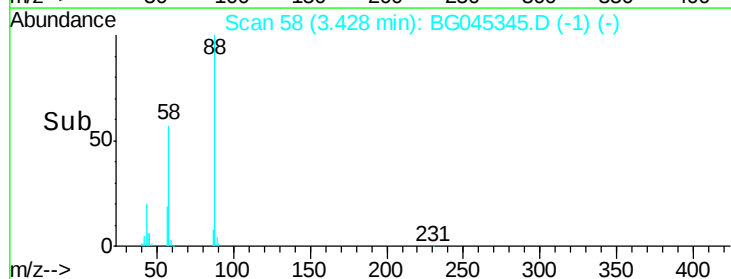
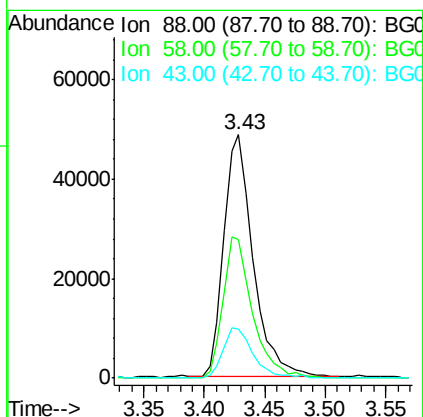
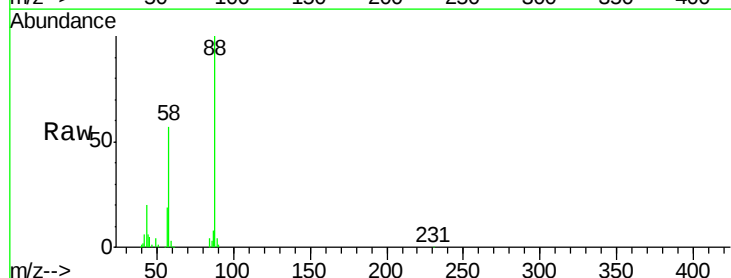
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	123.6	185.4
115	55.5	49.1	73.7

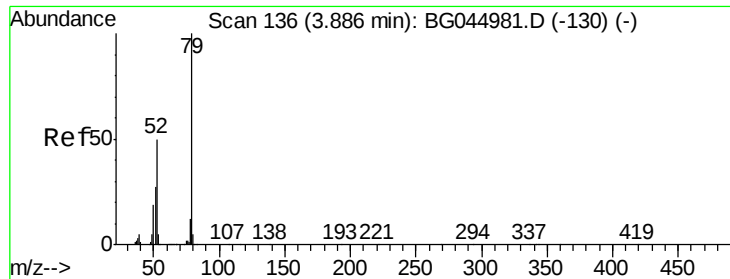


#2

1,4-Dioxane
 Concen: 37.933 ng
 RT: 3.43 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.2	46.6	69.8
43	21.4	17.5	26.3





#3

Pvridine

Concen: 37.092 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

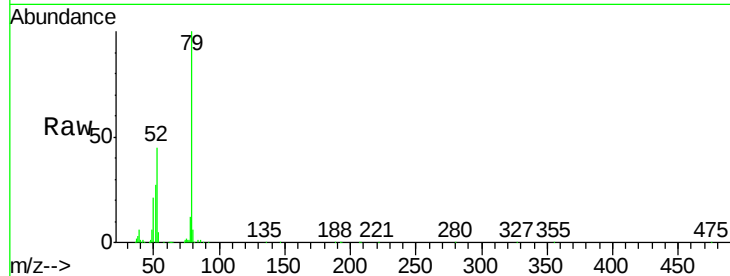
Tot Ion: 79 Resp: 247560

Ion Ratio Lower Upper

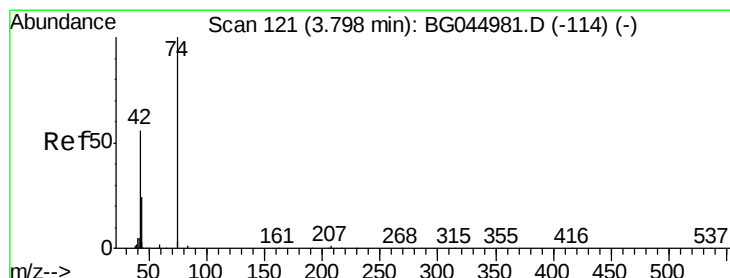
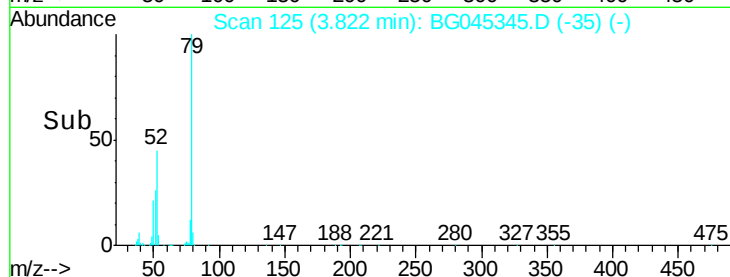
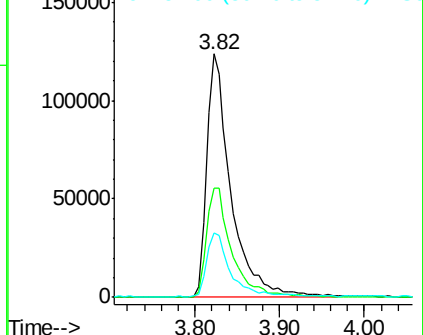
79 100

52 44.8 39.8 59.6

51 26.7 21.4 32.2



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: 39.084 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

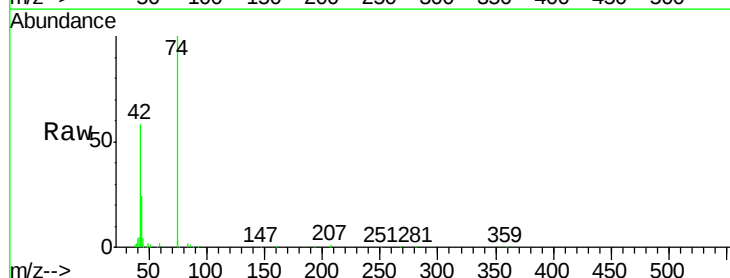
Tgt Ion: 42 Resp: 79909

Ion Ratio Lower Upper

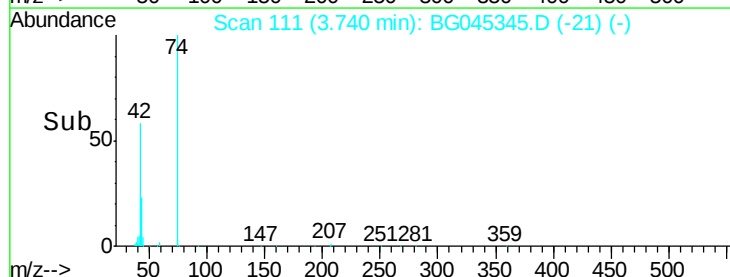
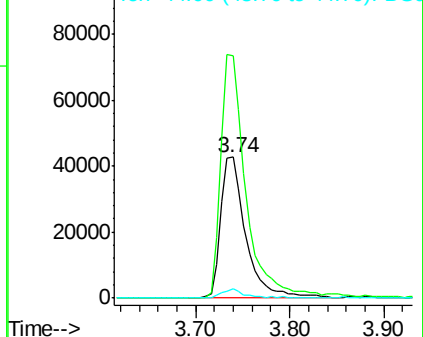
42 100

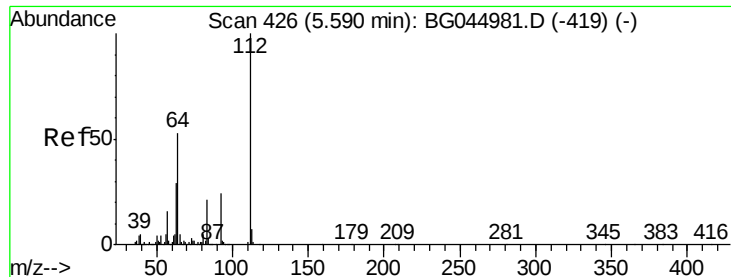
74 172.2 143.0 214.6

44 7.1 4.6 6.8#



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: 75.974 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

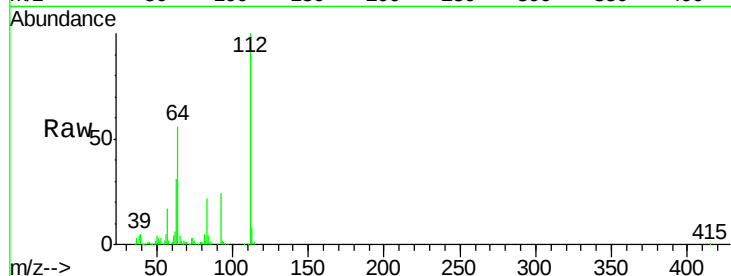
Tot Ion:112 Resp: 370569

Ion Ratio Lower Upper

112 100

64 55.8 42.4 63.6

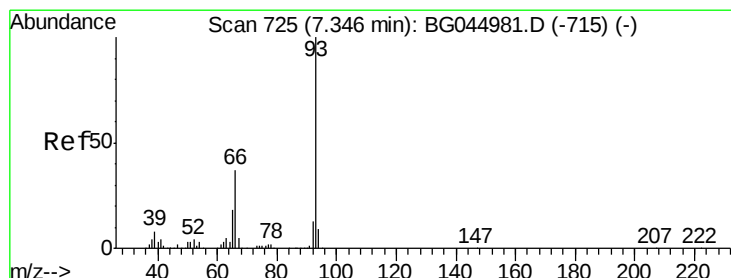
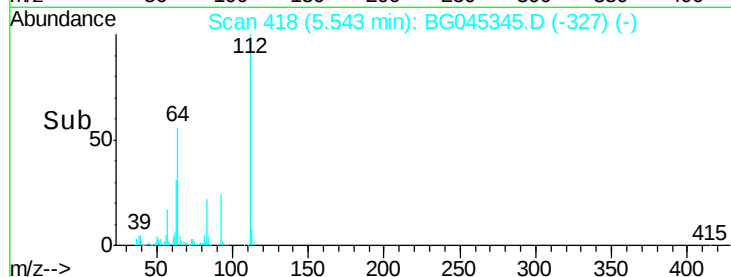
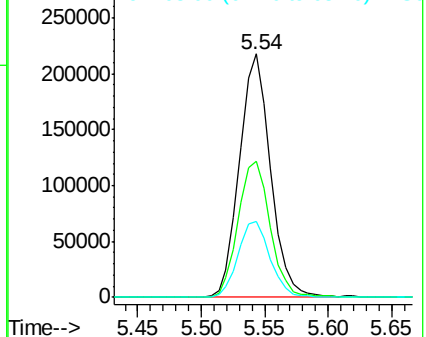
63 31.4 23.1 34.7



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: 37.347 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

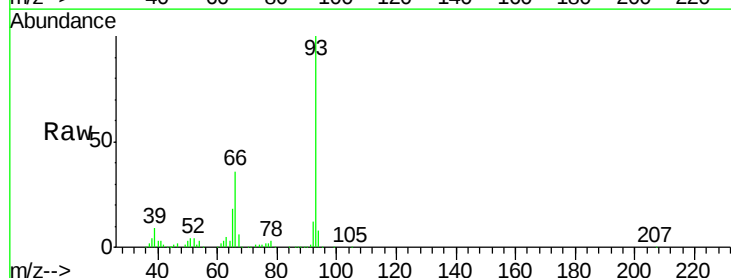
Tgt Ion: 93 Resp: 351897

Ion Ratio Lower Upper

93 100

66 36.0 29.8 44.8

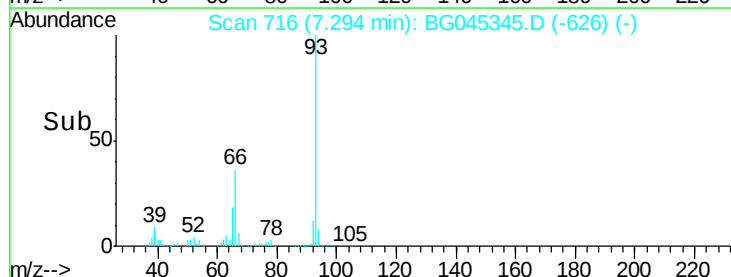
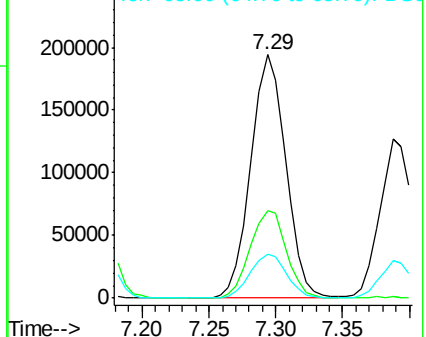
65 18.0 14.6 22.0

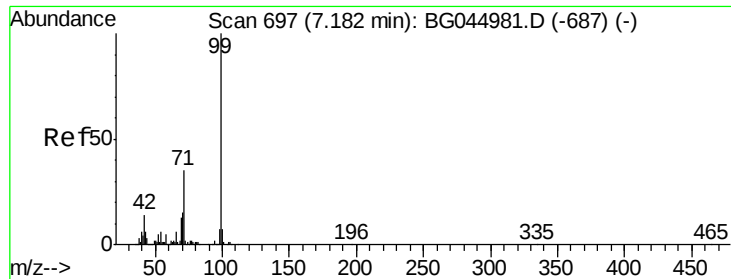


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.033 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

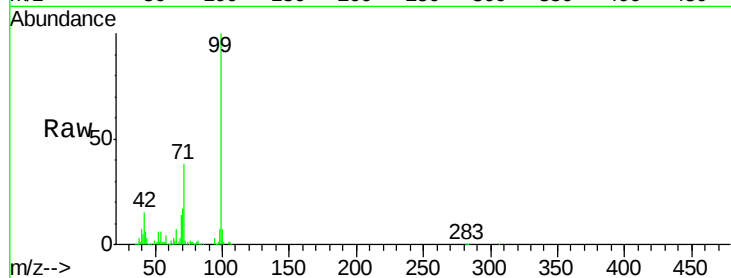
Tot Ion: 99 Resp: 550999

Ion Ratio Lower Upper

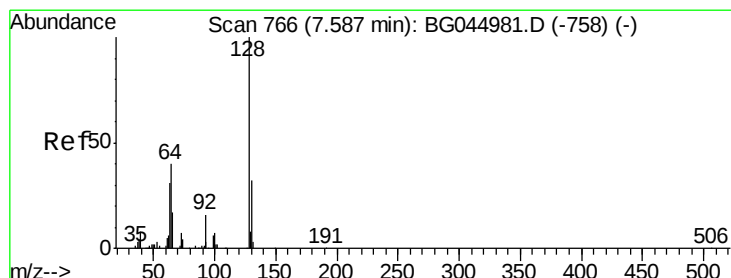
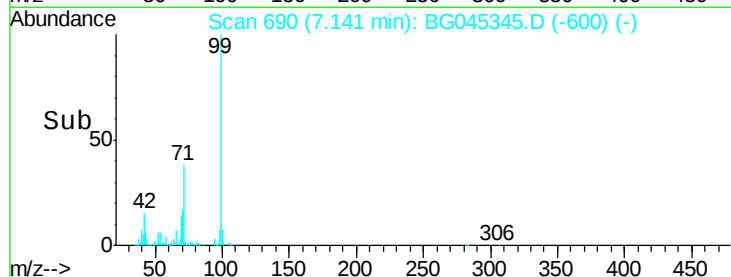
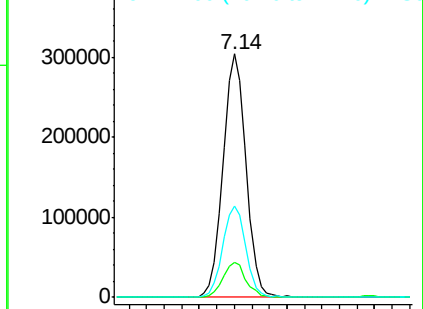
99 100

42 14.6 11.3 16.9

71 37.7 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.327 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

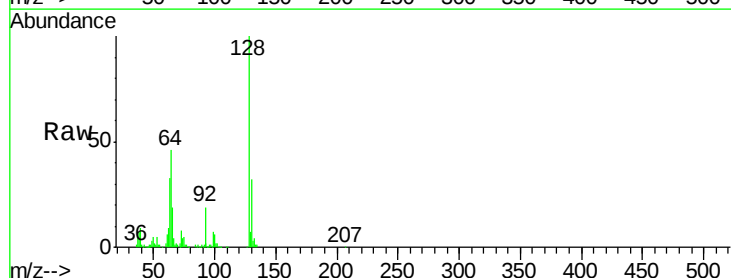
Tgt Ion: 128 Resp: 200912

Ion Ratio Lower Upper

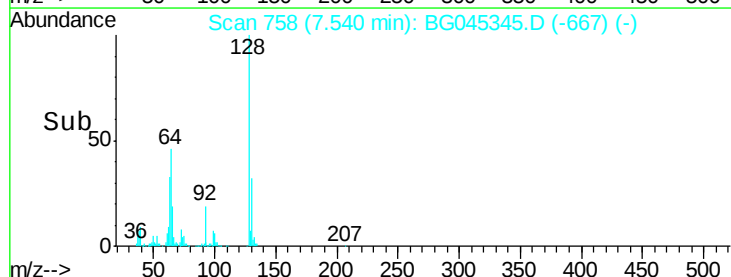
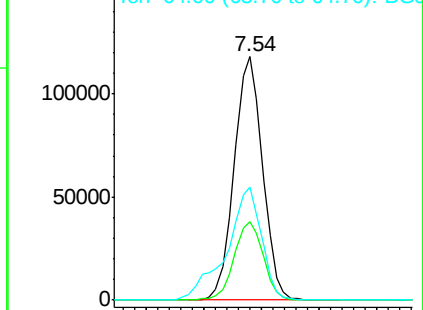
128 100

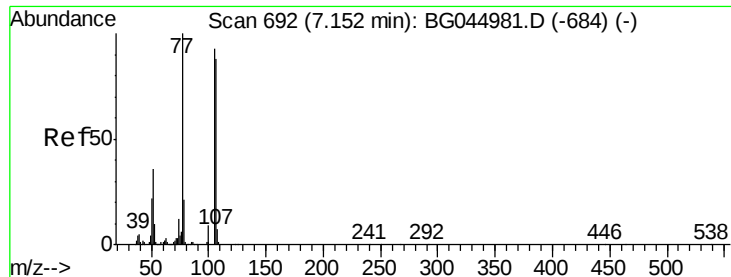
130 32.3 12.3 52.3

64 46.3 24.4 64.4



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





#9

Benzaldehyde

Concen: 36.784 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampled :

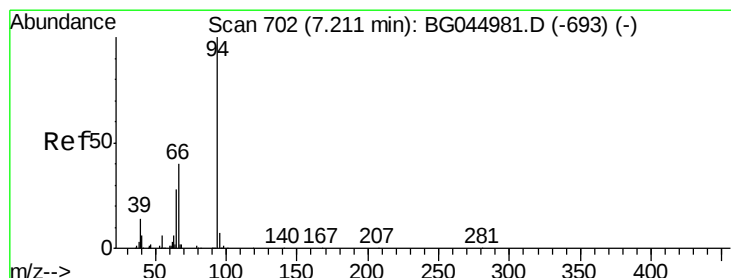
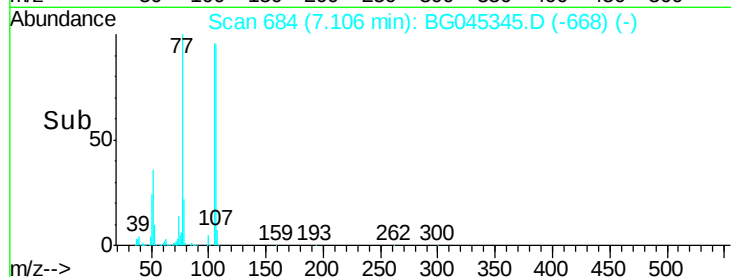
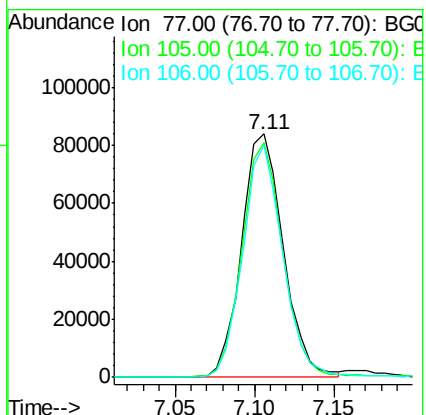
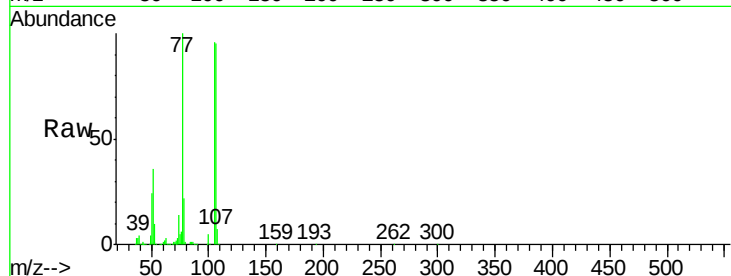
Tot Ion: 77 Resp: 153892

Ion Ratio Lower Upper

77 100

105 96.3 72.9 112.9

106 95.1 67.6 107.6



#10

Phenol

Concen: 38.034 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

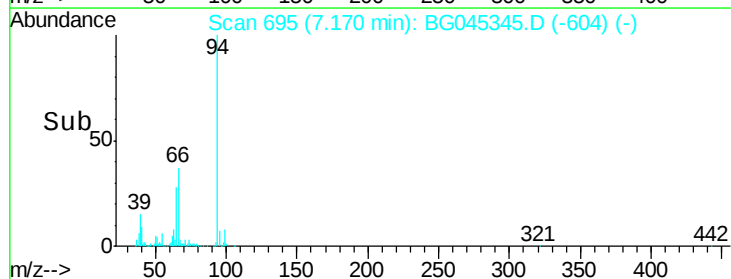
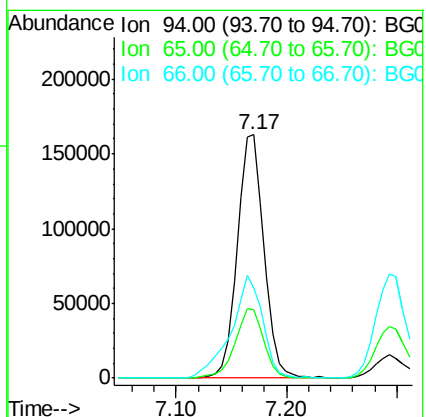
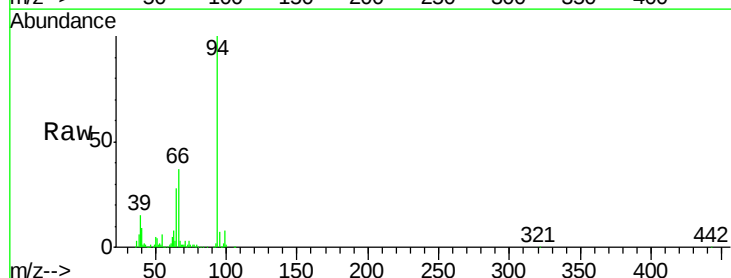
Tgt Ion: 94 Resp: 275812

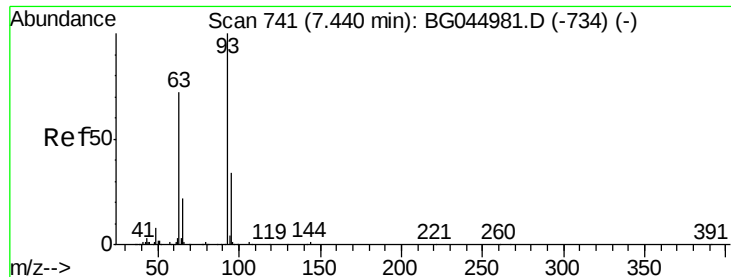
Ion Ratio Lower Upper

94 100

65 27.8 8.2 48.2

66 37.1 20.4 60.4

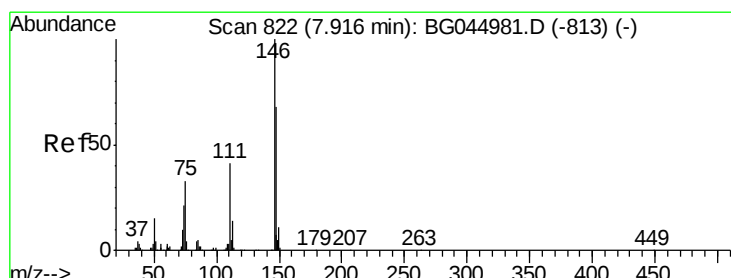
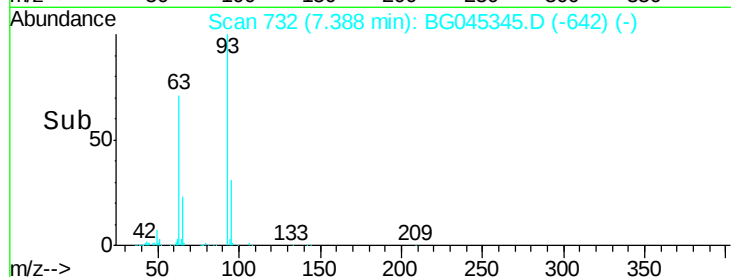
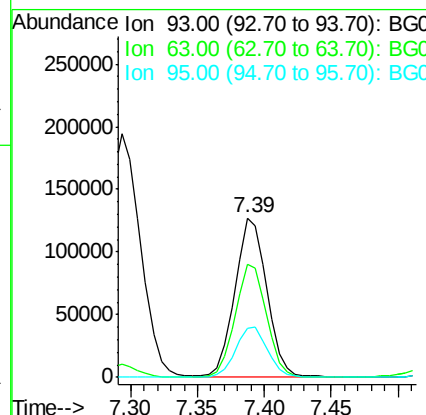
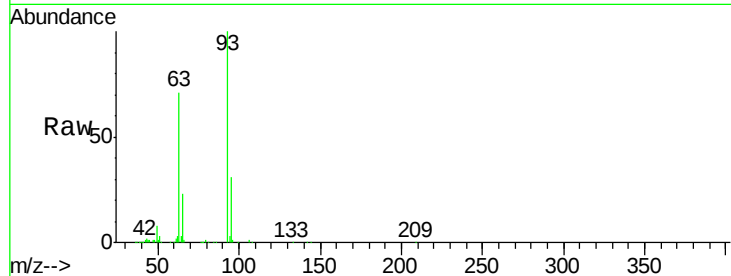




#11
bis(2-Chloroethyl)ether
Concen: 36.635 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

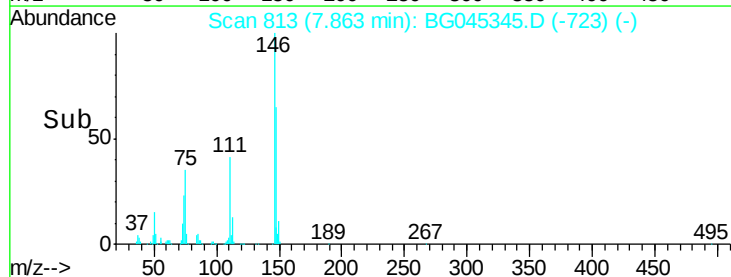
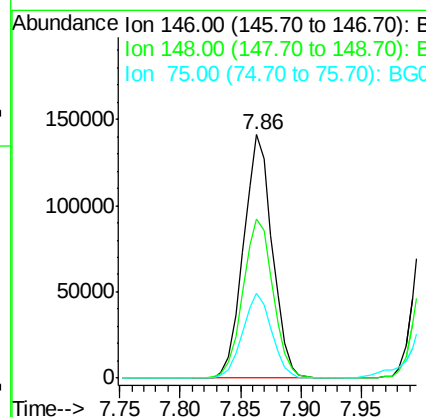
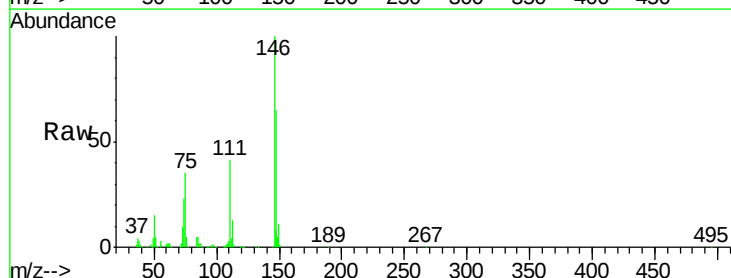
Instrument :
BNA_G
ClientSampled :

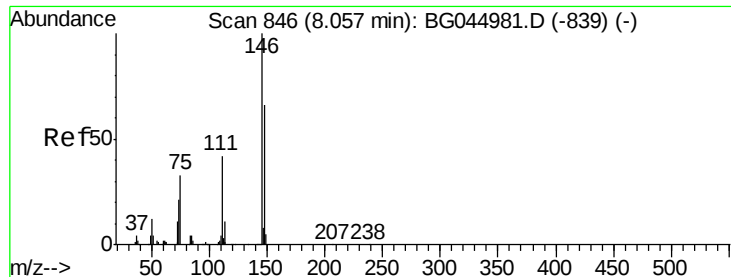
Tot Ion: 93 Resp: 211522
Ion Ratio Lower Upper
93 100
63 71.1 51.8 91.8
95 30.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 38.033 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion: 146 Resp: 234936
Ion Ratio Lower Upper
146 100
148 65.4 54.6 81.8
75 35.0 26.0 39.0

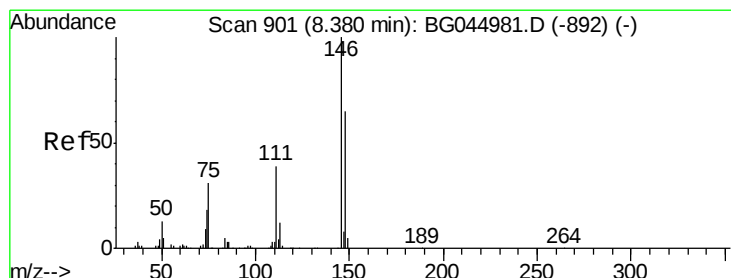
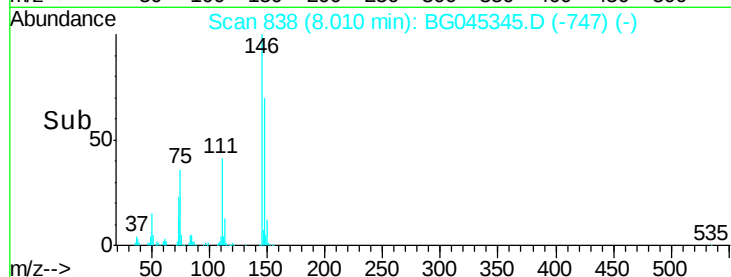
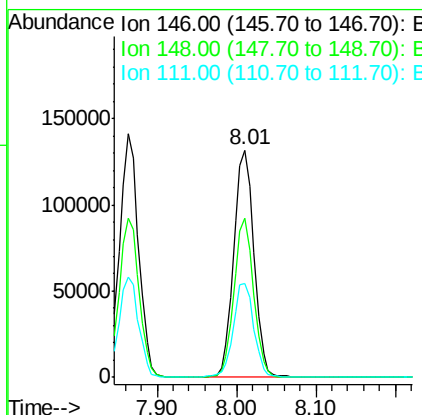
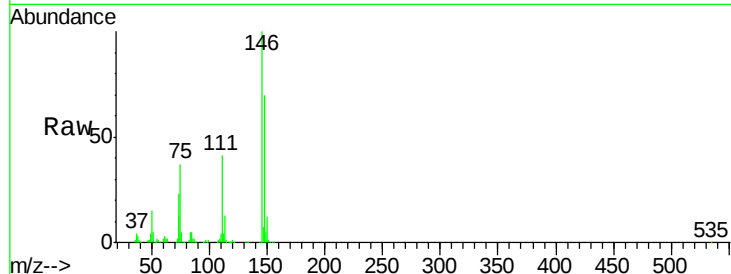




#13
 1,4-Dichlorobenzene
 Concen: 37.890 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

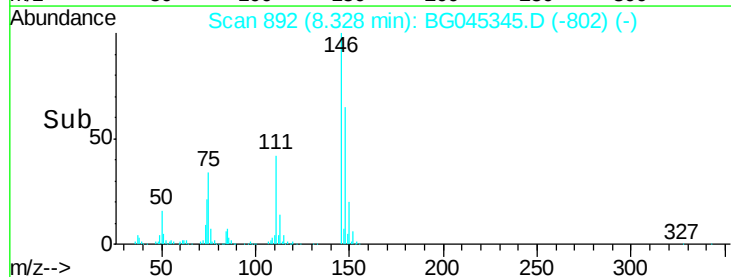
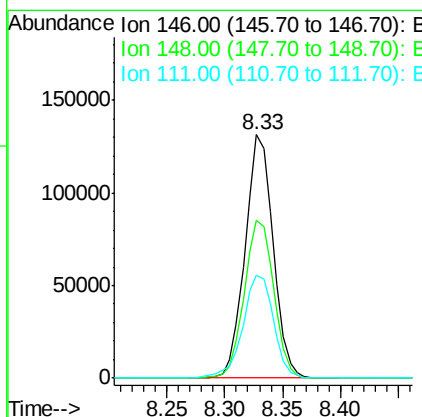
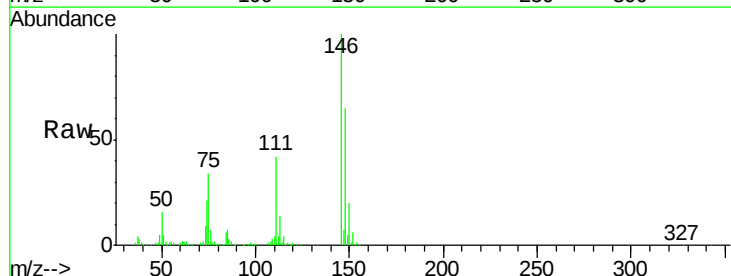
Instrument :
 BNA_G
 ClientSampleId :

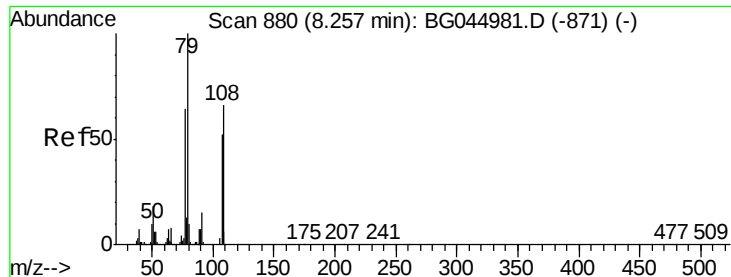
Tot Ion	Ratio	Lower	Upper
146	100		
148	70.1	53.3	79.9
111	41.2	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 37.774 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	42.0	31.3	46.9





#15

Benzyl Alcohol

Concen: 37.246 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

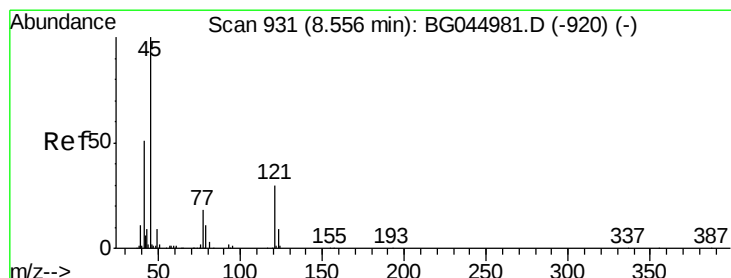
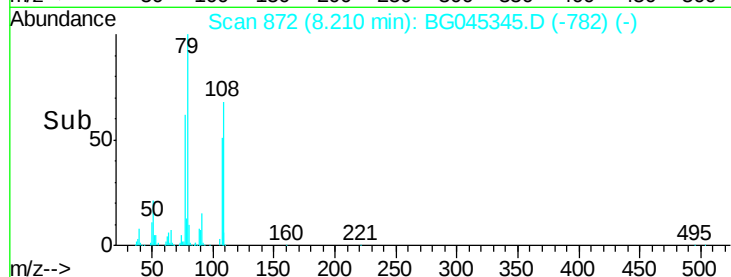
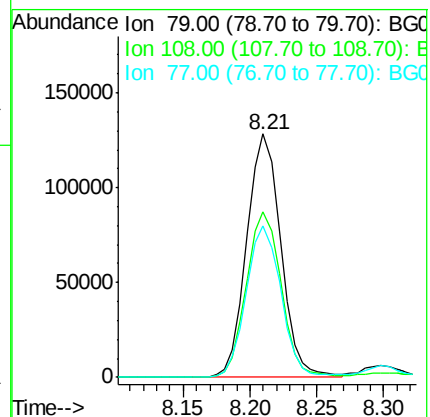
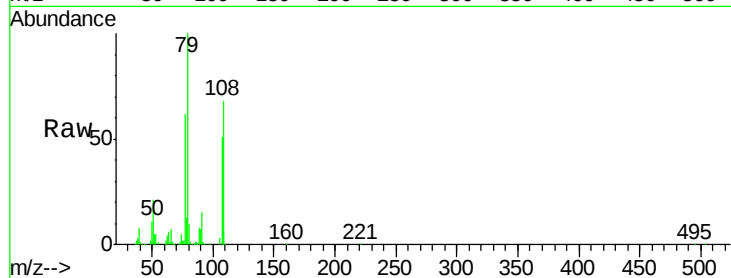
Tot Ion: 79 Resp: 226301

Ion Ratio Lower Upper

79 100

108 68.0 52.7 79.1

77 62.2 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.784 ng

RT: 8.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

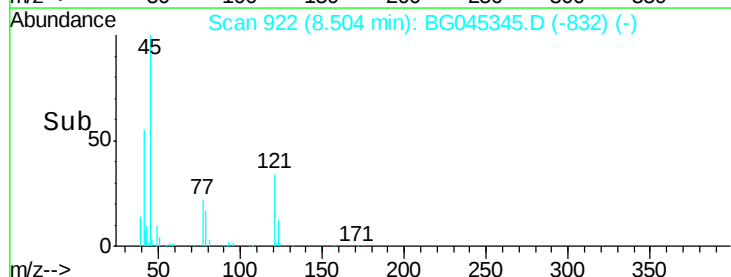
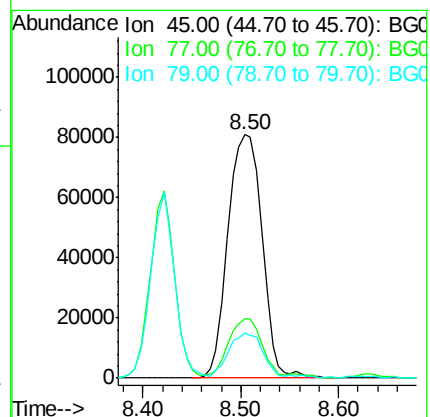
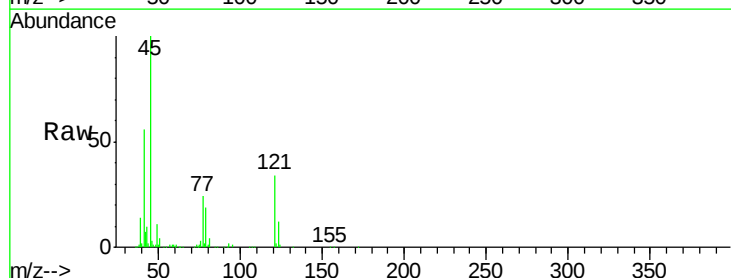
Tgt Ion: 45 Resp: 197144

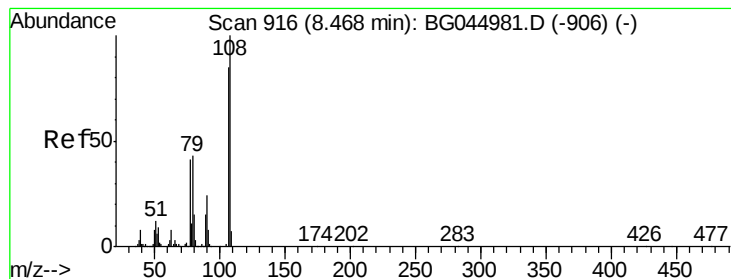
Ion Ratio Lower Upper

45 100

77 24.3 1.9 41.9

79 18.5 0.0 35.5





#17

2-Methylphenol

Concen: 36.872 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 206301

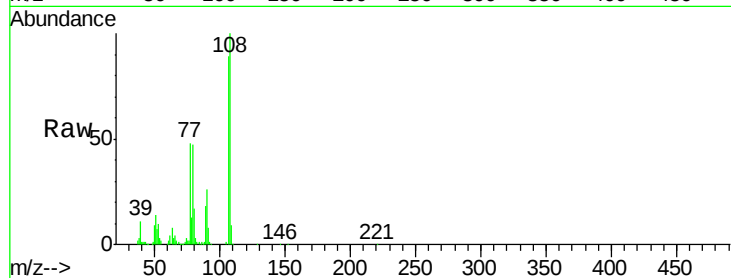
Ion Ratio Lower Upper

107 100

108 111.9 93.8 140.6

77 53.3 38.5 57.7

79 53.0 40.1 60.1

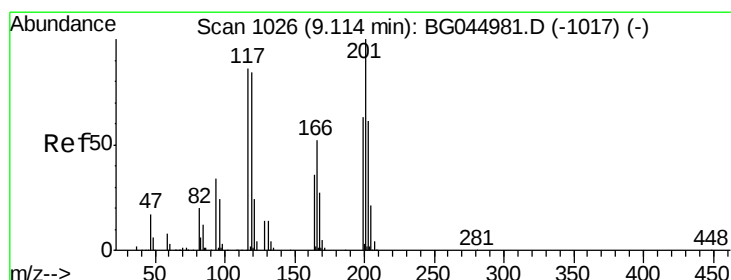
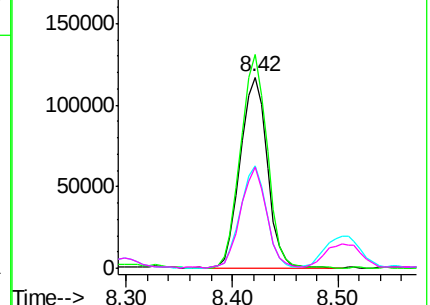
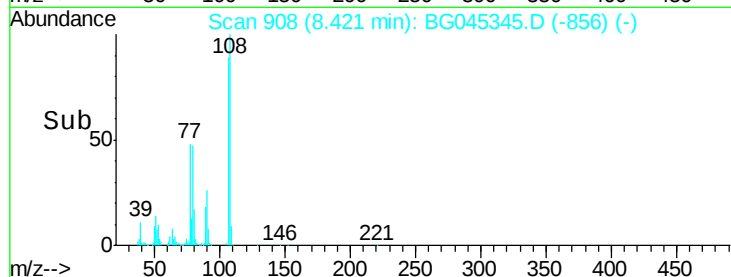


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.133 ng

RT: 9.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

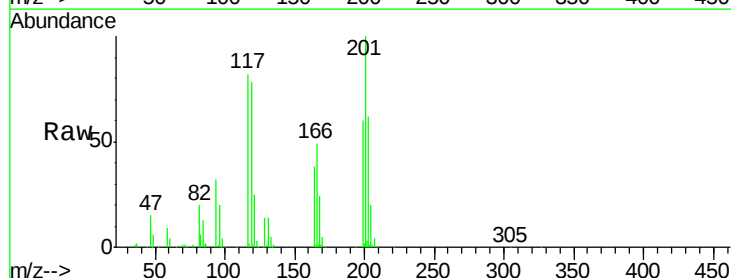
Tgt Ion:117 Resp: 90549

Ion Ratio Lower Upper

117 100

119 95.2 78.3 117.5

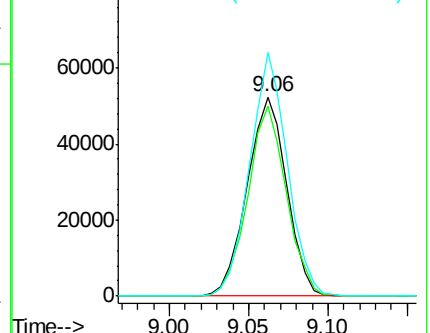
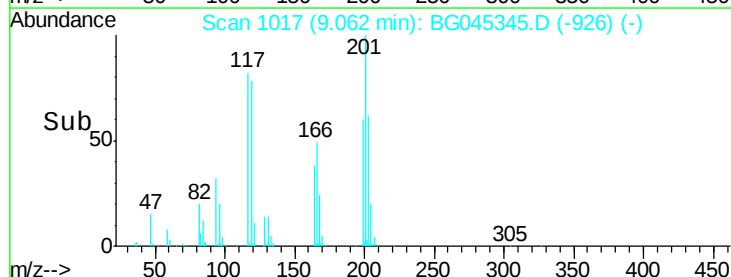
201 122.3 92.9 139.3

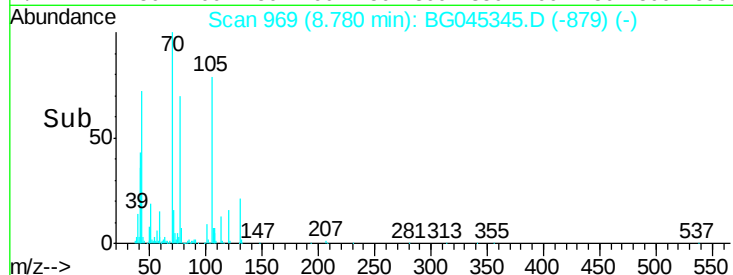
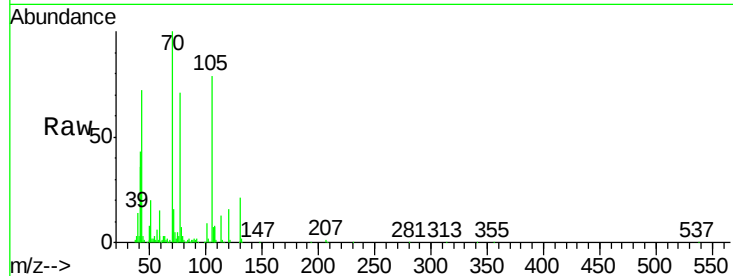
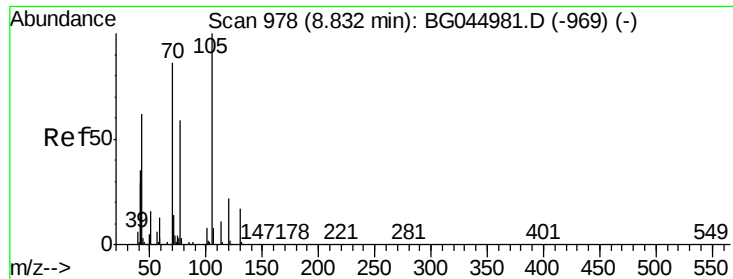


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

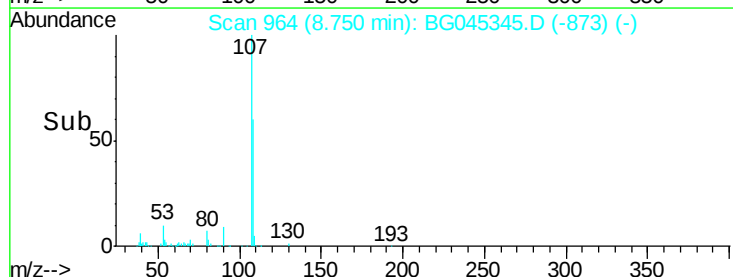
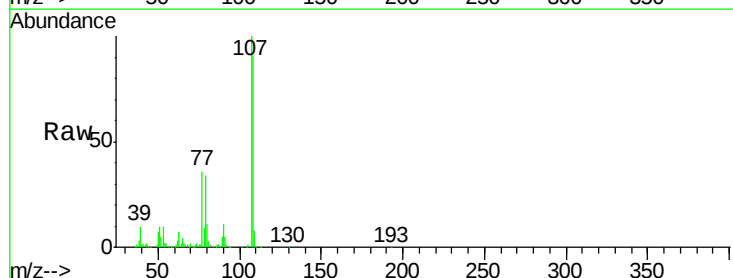
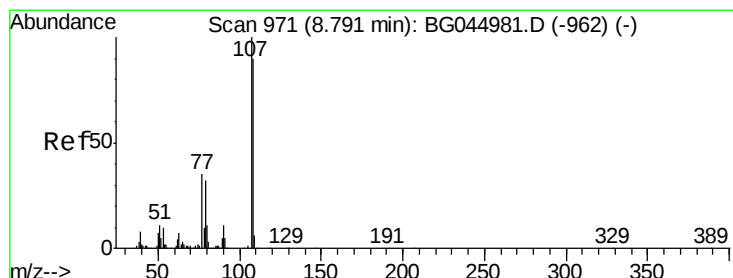
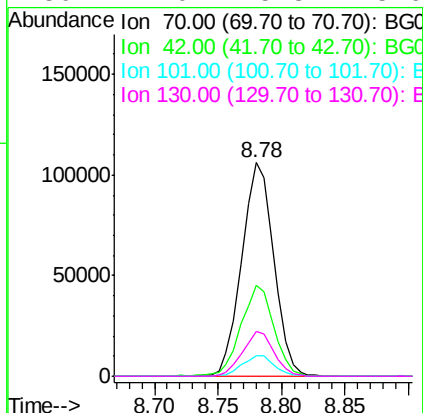




#19
n-Nitroso-di-n-propylamine
Concen: 36.402 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

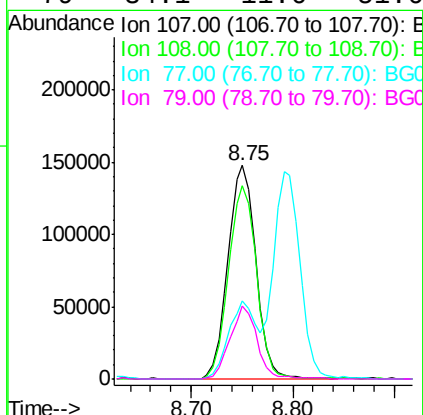
Instrument :
BNA_G
ClientSampleId :

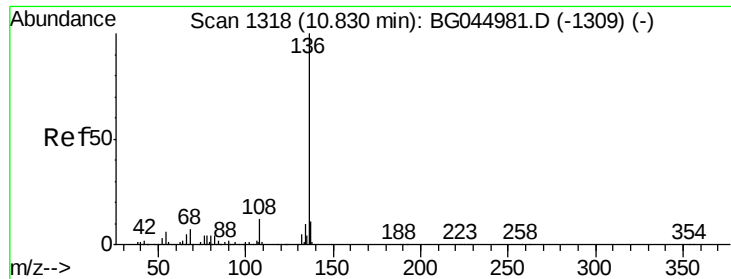
Tot Ion:	70	Resp:	186560
Ion	Ratio	Lower	Upper
70	100		
42	42.6	33.3	49.9
101	9.4	7.8	11.8
130	21.0	15.8	23.6



#20
3+4-Methylphenols
Concen: 36.294 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion:	107	Resp:	284238
Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.9	109.9
77	36.3	15.2	55.2
79	34.1	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 311185

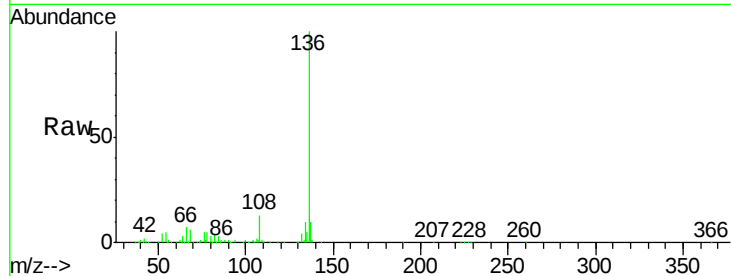
Ion Ratio Lower Upper

136 100

137 9.8 8.6 13.0

54 5.4 4.8 7.2

68 6.2 5.2 7.8

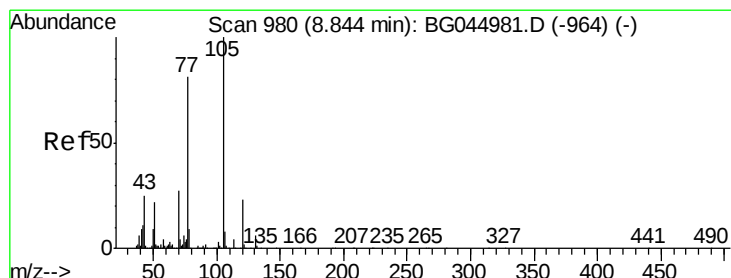
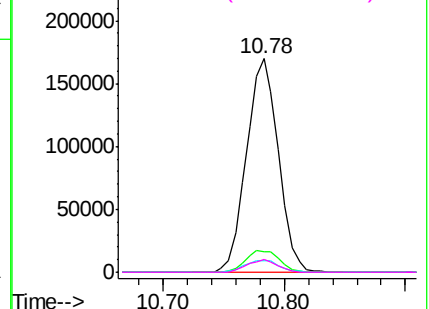
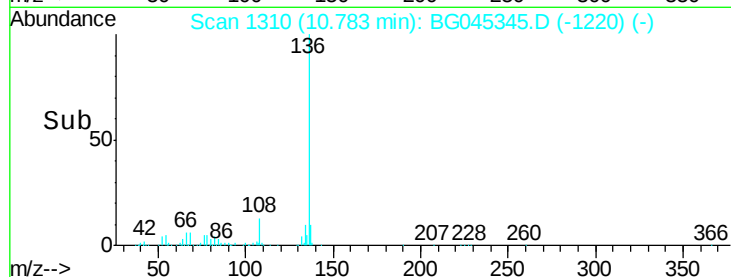


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.830 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Tgt Ion:105 Resp: 326763

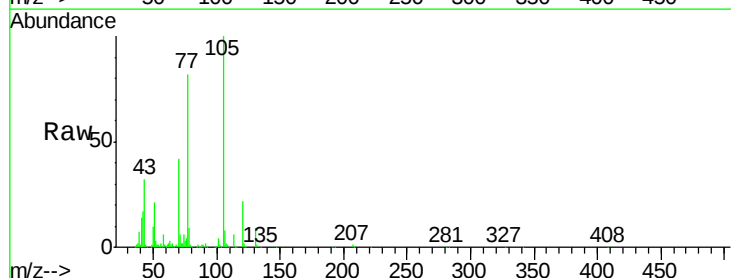
Ion Ratio Lower Upper

105 100

71 6.4 3.3 4.9#

51 21.2 17.3 25.9

120 21.7 18.4 27.6

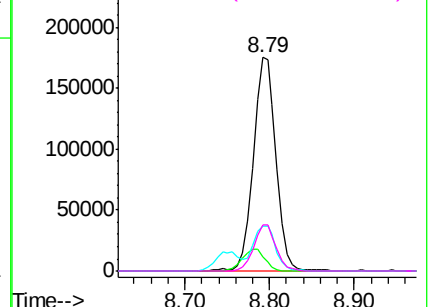
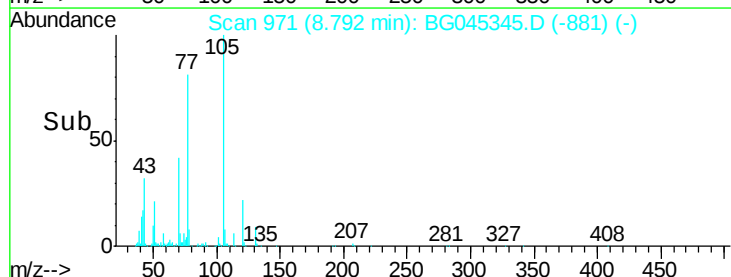


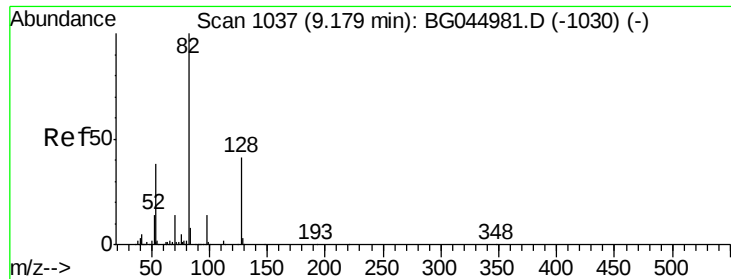
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

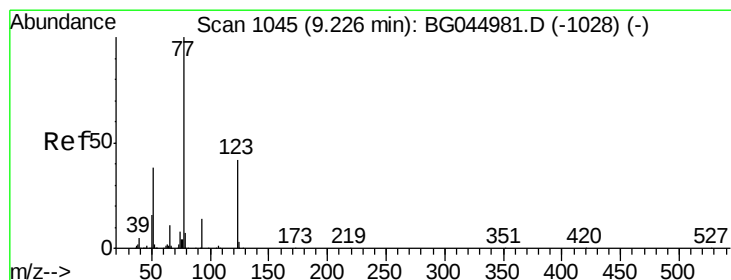
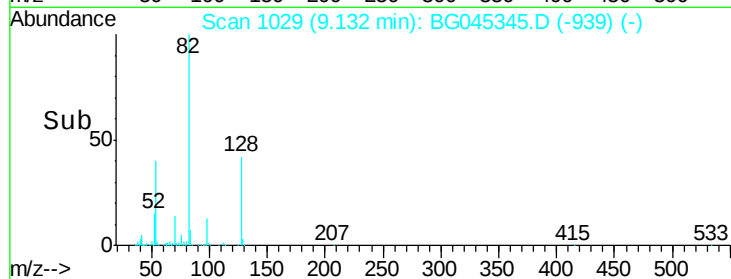
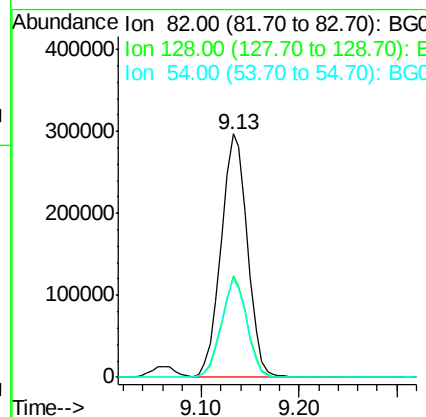
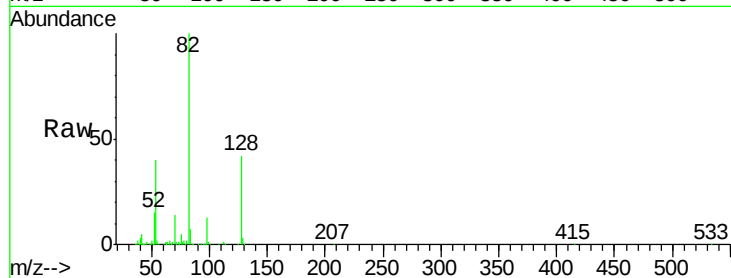




#23
 Nitrobenzene-d5
 Concen: 81.023 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

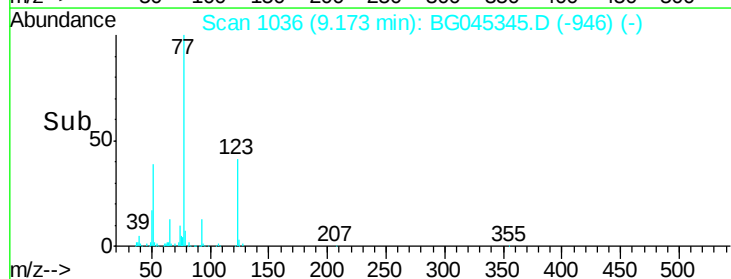
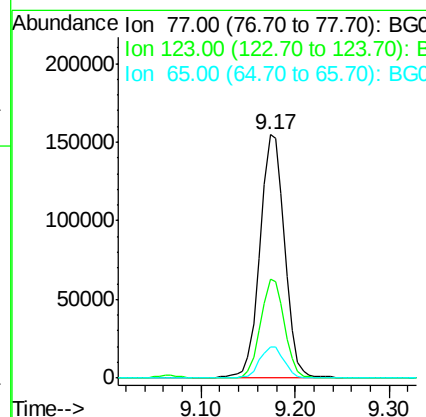
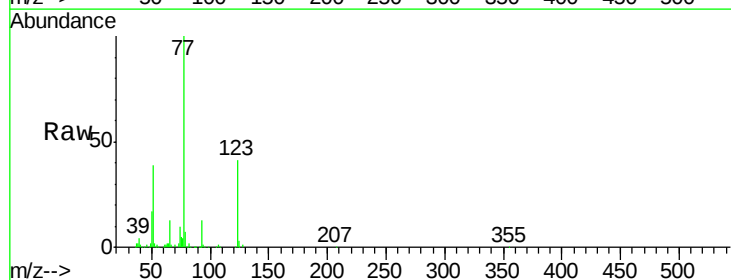
Instrument :
 BNA_G
 ClientSampleId :

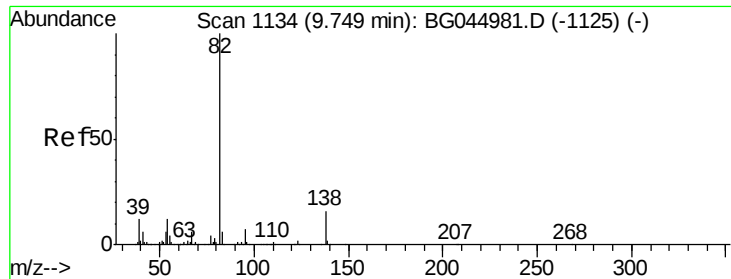
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.0	49.4
54	40.4	30.4	45.6



#24
 Nitrobenzene
 Concen: 40.245 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	34.3	51.5
65	12.9	8.9	13.3





#25

Isophorone

Concen: 37.600 ng

RT: 9.70 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

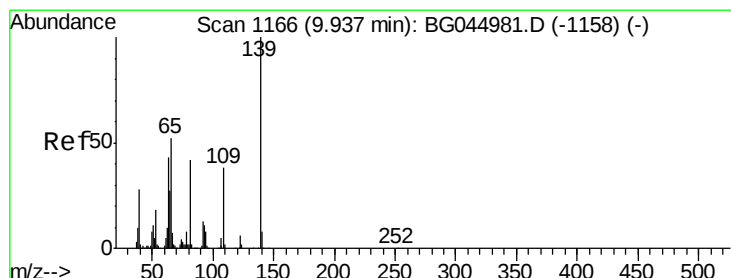
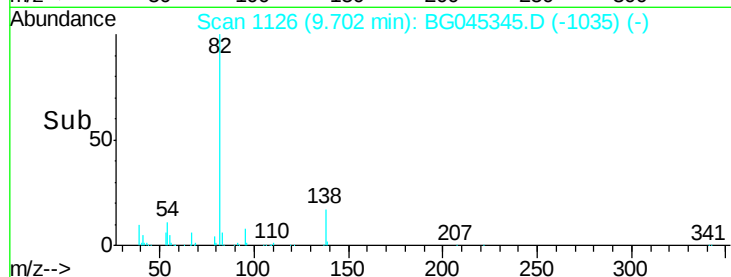
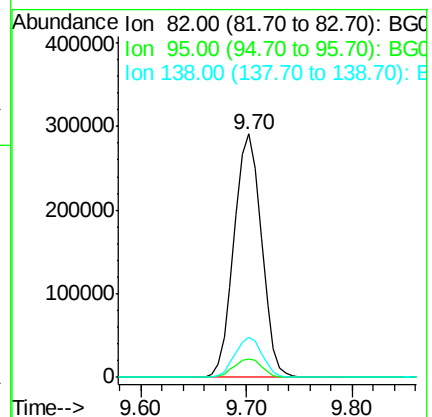
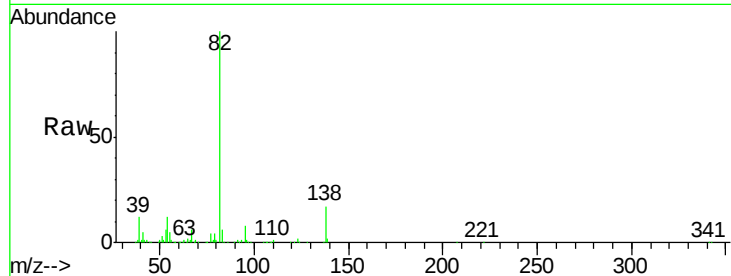
Tot Ion: 82 Resp: 525124

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

138 16.6 12.7 19.1



#26

2-Nitrophenol

Concen: 41.764 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

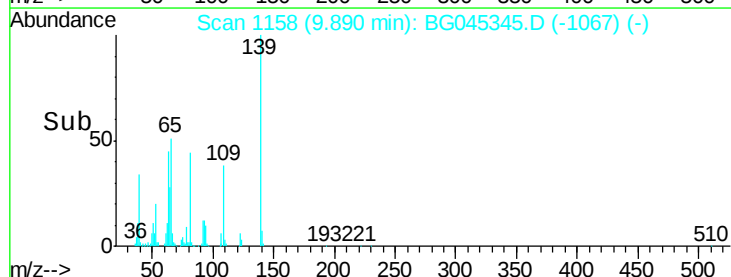
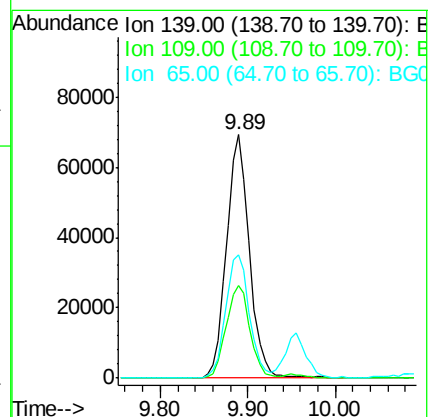
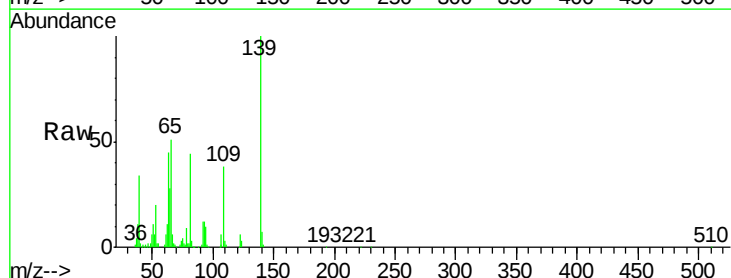
Tgt Ion: 139 Resp: 125761

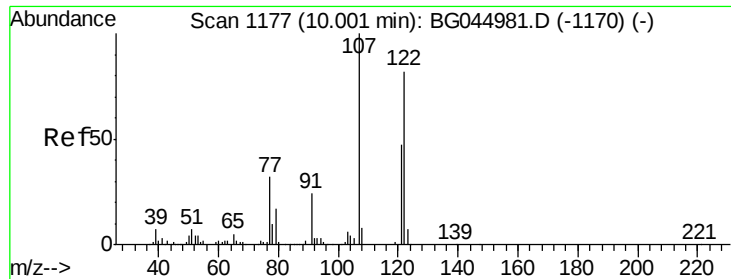
Ion Ratio Lower Upper

139 100

109 37.8 30.6 45.8

65 50.8 41.8 62.6

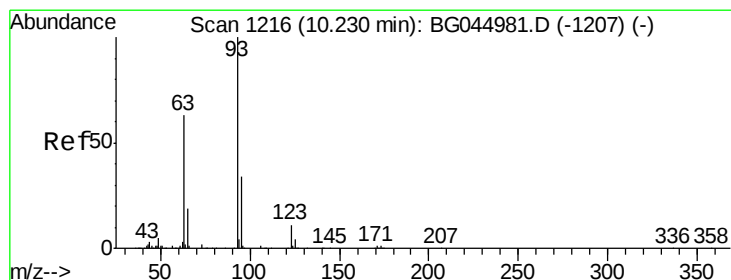
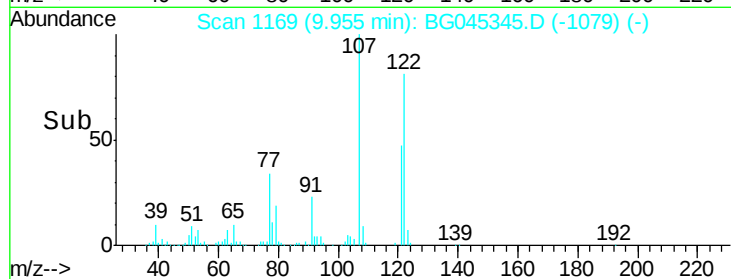
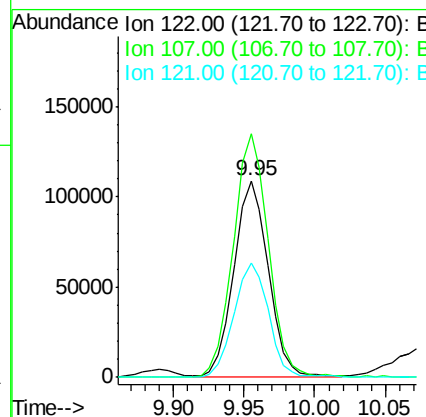
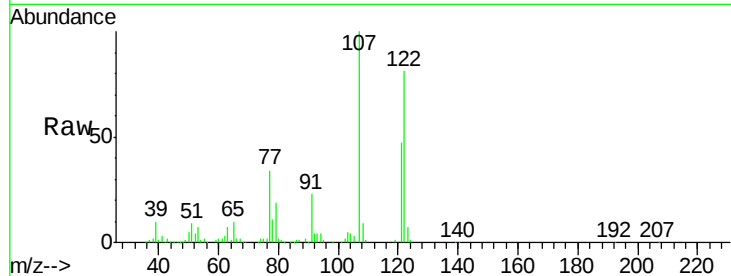




#27
 2,4-Dimethylphenol
 Concen: 38.547 ng
 RT: 9.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

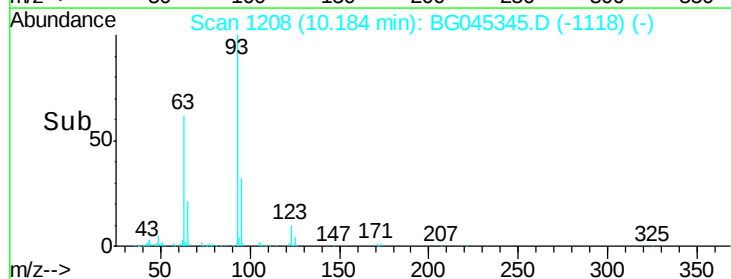
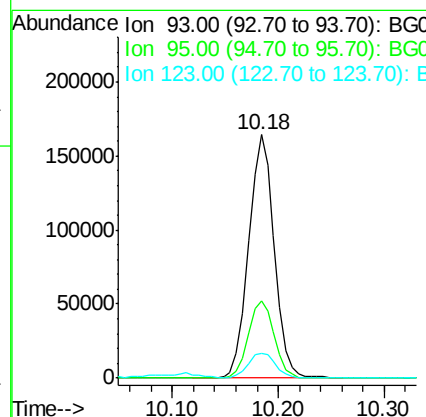
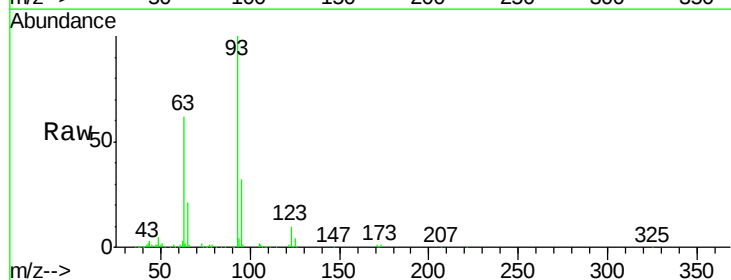
Instrument :
 BNA_G
 ClientSampleId :

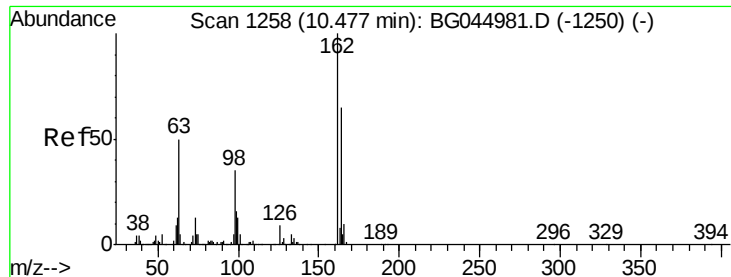
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	96.8	145.2
121	58.4	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.563 ng
 RT: 10.18 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.0	40.4
123	10.1	8.7	13.1

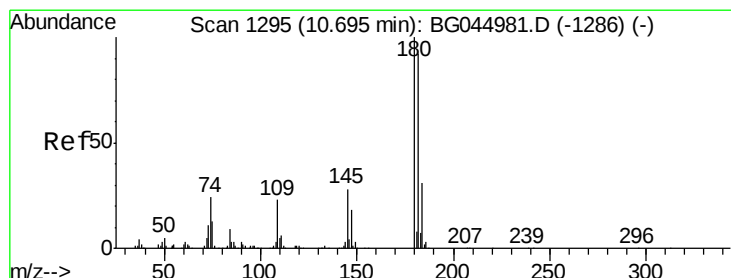
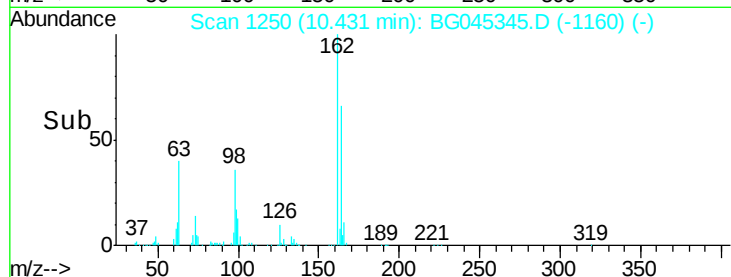
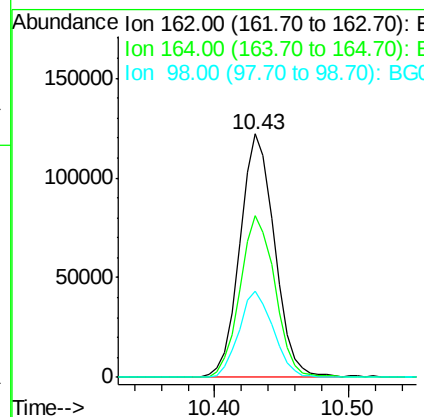
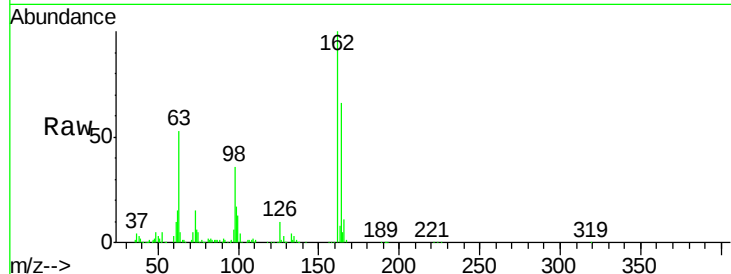




#29
 2,4-Dichlorophenol
 Concen: 39.747 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

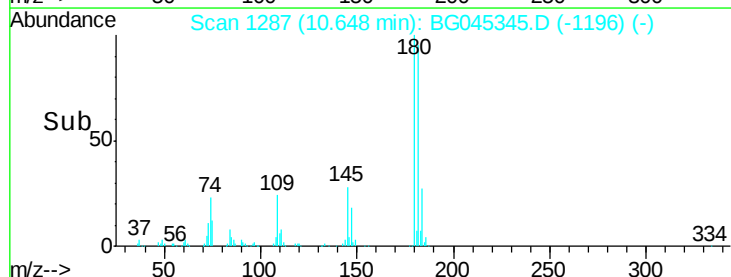
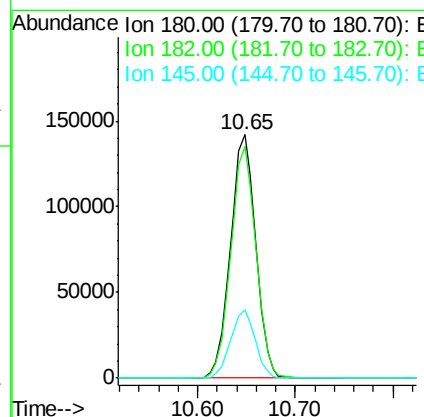
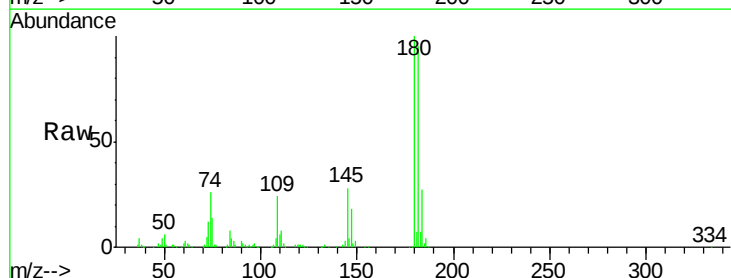
Instrument :
 BNA_G
 ClientSampleId :

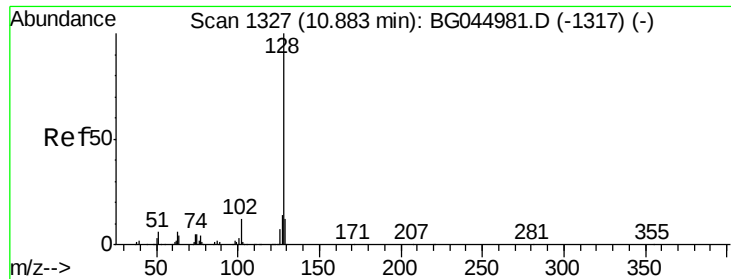
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	45.0	85.0
98	35.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 40.744 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	73.3	109.9
145	28.0	22.6	33.8

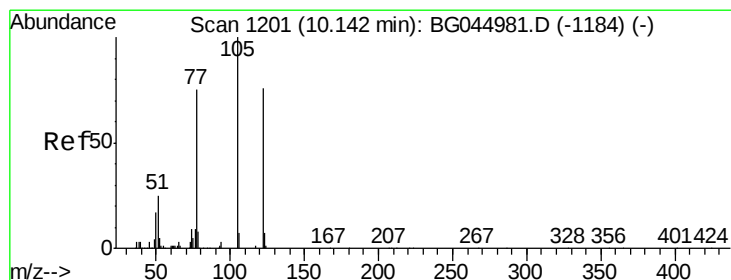
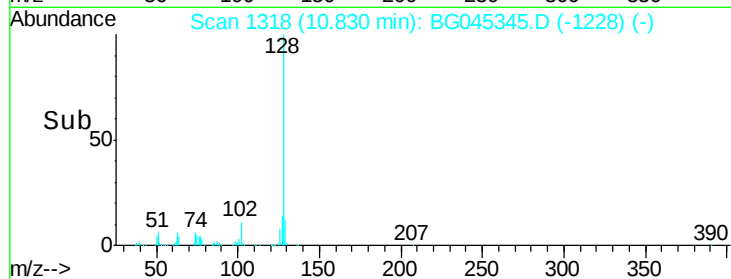
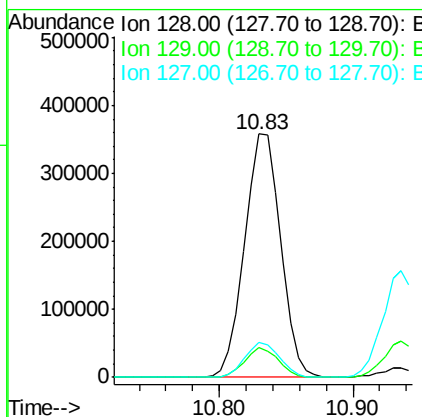
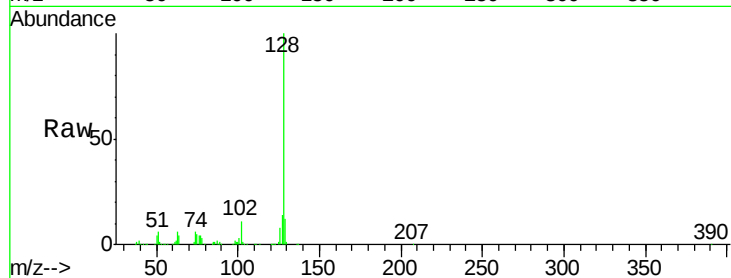




#31
Naphthalene
Concen: 39.152 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

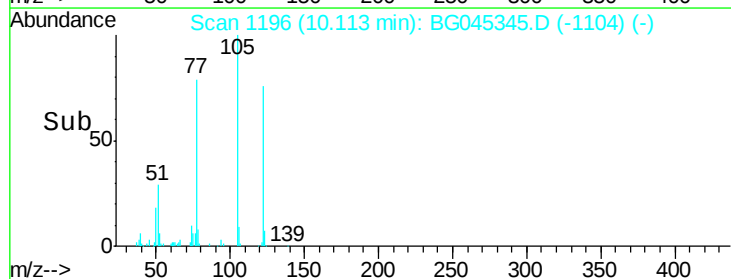
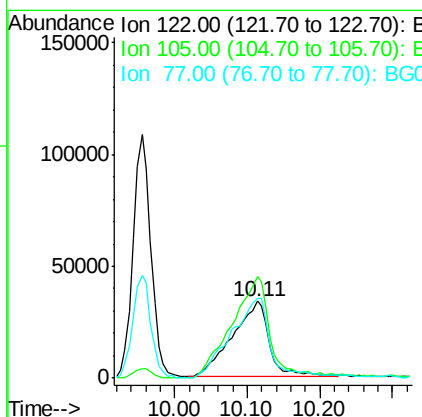
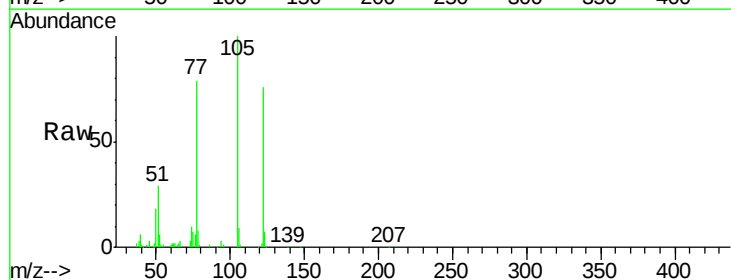
Instrument :
BNA_G
ClientSampled :

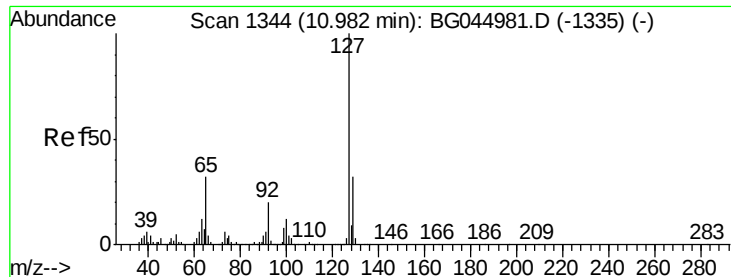
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	14.5	10.8	16.2



#32
Benzoic acid
Concen: 33.327 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	108.4	148.4
77	104.0	78.8	118.8

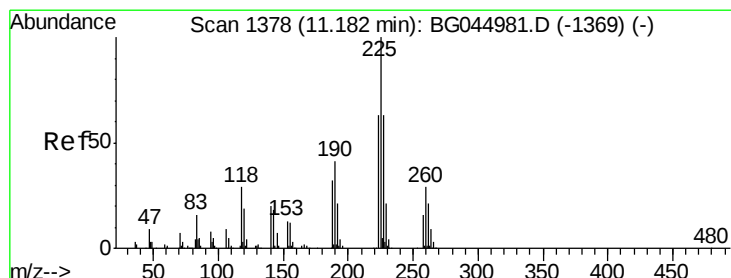
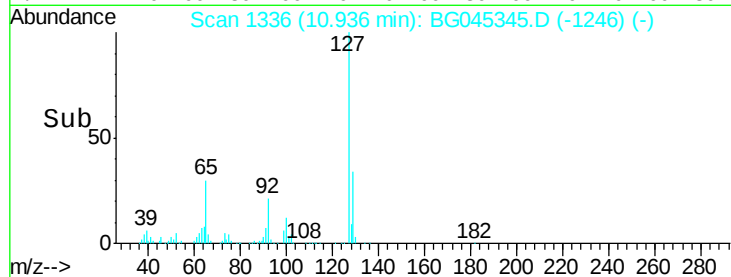
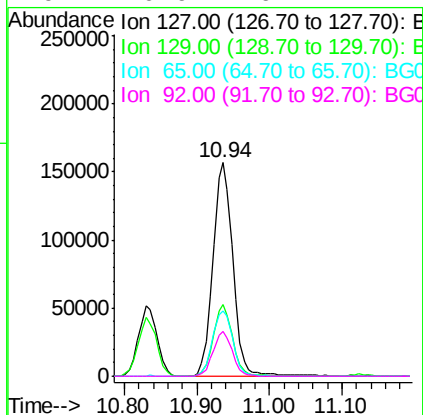
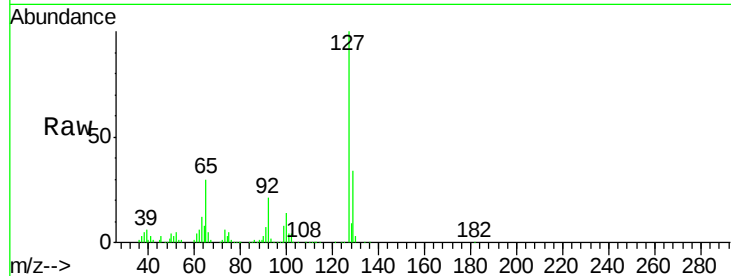




#33
4-Chloroaniline
Concen: 37.502 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

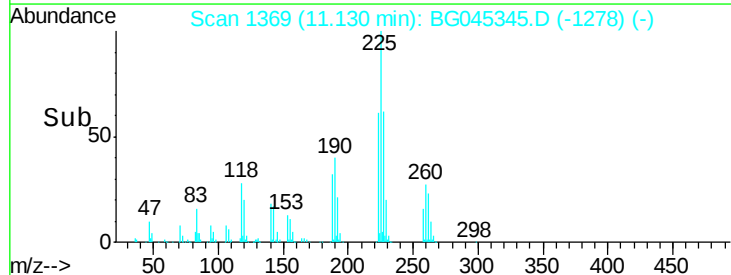
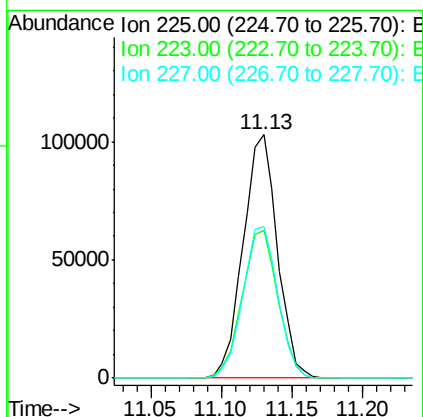
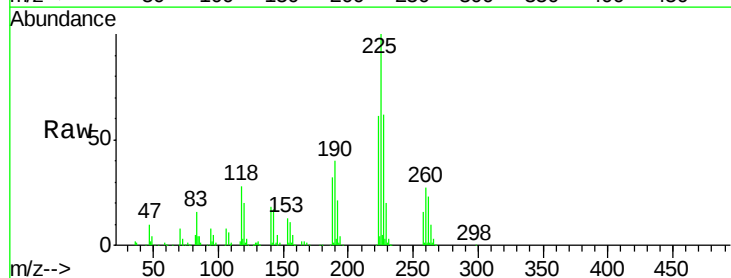
Instrument :
BNA_G
ClientSampleId :

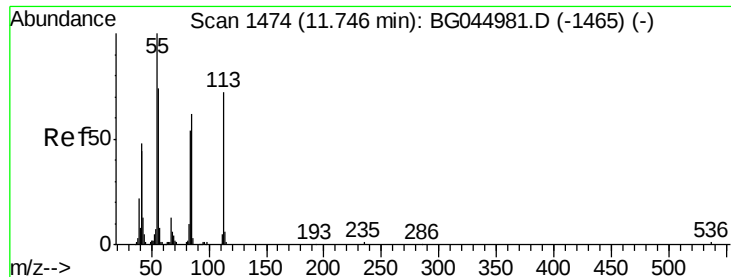
Tot Ion:	127	Resp:	297732
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.7	38.5
65	30.4	25.4	38.2
92	20.9	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.851 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion:	225	Resp:	174949
Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.7	76.1
227	61.9	50.2	75.2

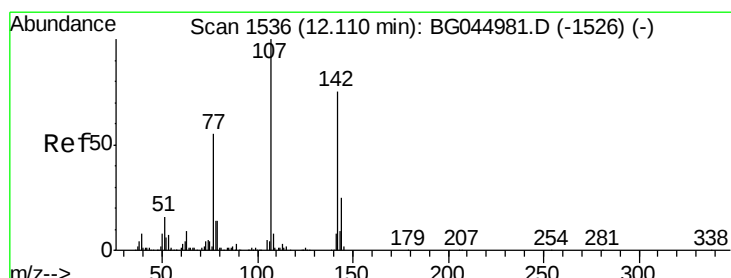
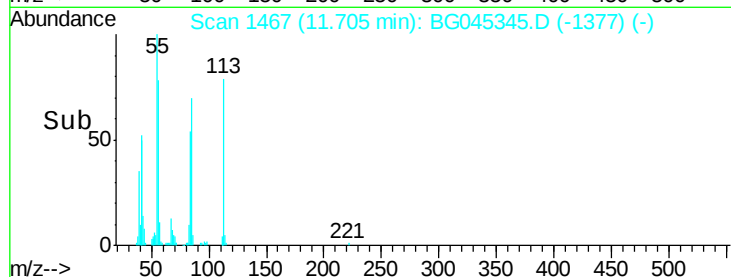
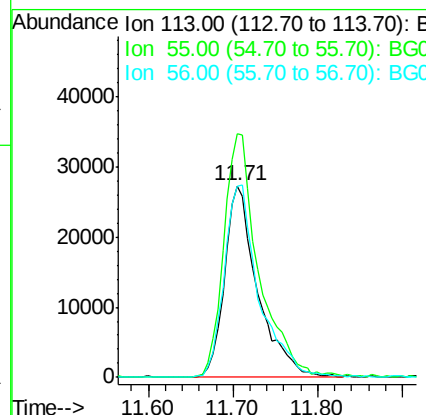
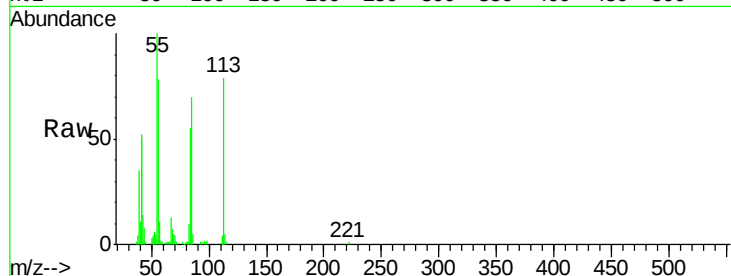




#35
 Caprolactam
 Concen: 33.704 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

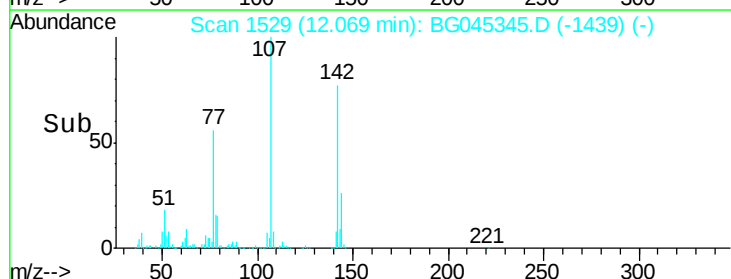
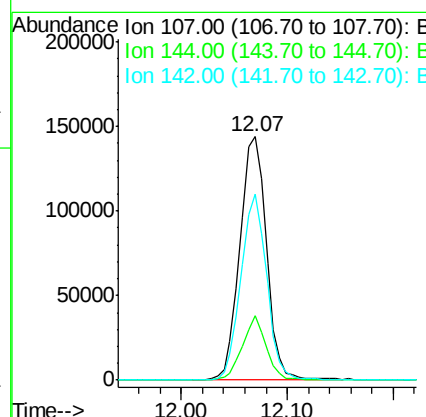
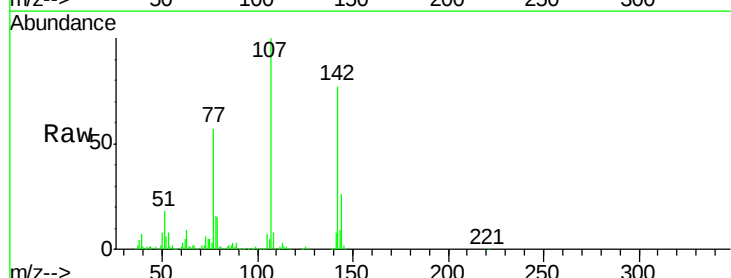
Instrument :
 BNA_G
 ClientSampleId :

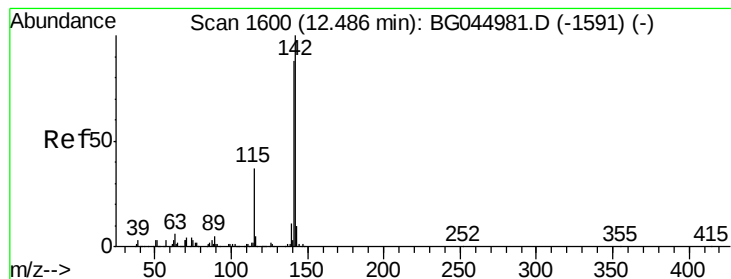
Tot Ion:113 Resp: 74006
 Ion Ratio Lower Upper
 113 100
 55 127.0 118.8 158.8
 56 99.7 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.768 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion:107 Resp: 251258
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.8 29.6
 142 76.5 59.7 89.5





#37

2-Methylnaphthalene

Concen: 38.286 ng

RT: 12.44 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

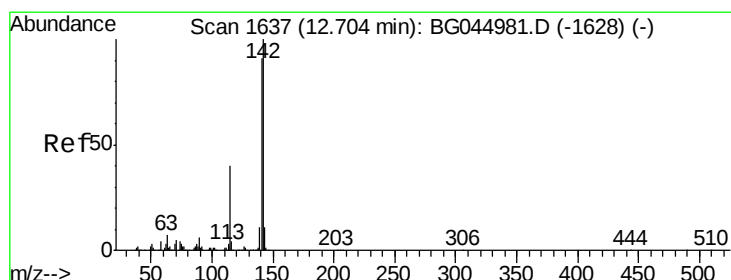
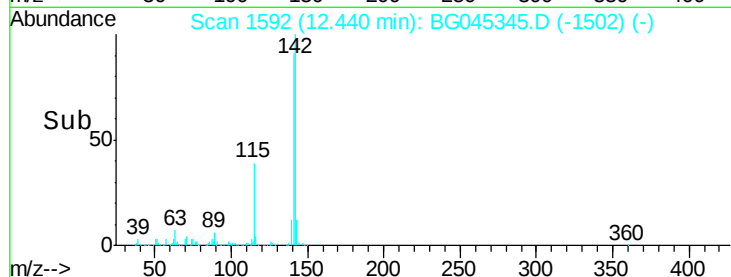
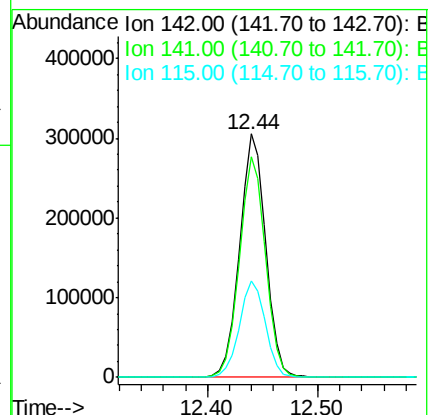
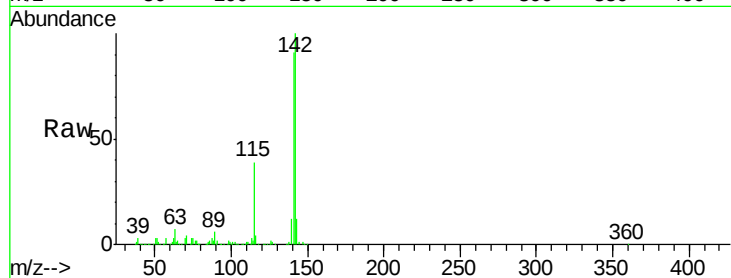
Tot Ion:142 Resp: 505880

Ion Ratio Lower Upper

142 100

141 90.6 70.3 105.5

115 39.4 29.8 44.6



#38

1-Methylnaphthalene

Concen: 38.270 ng

RT: 12.66 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

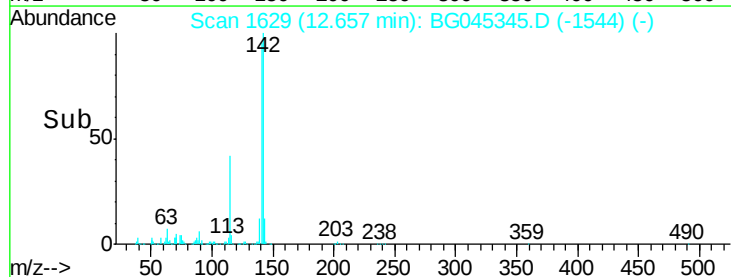
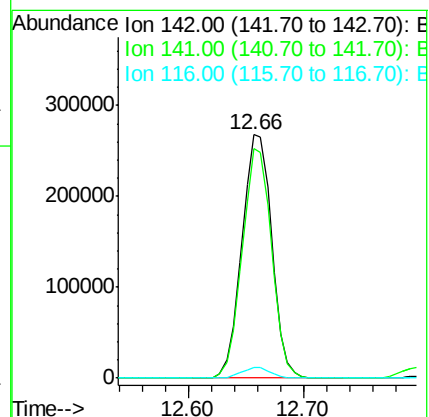
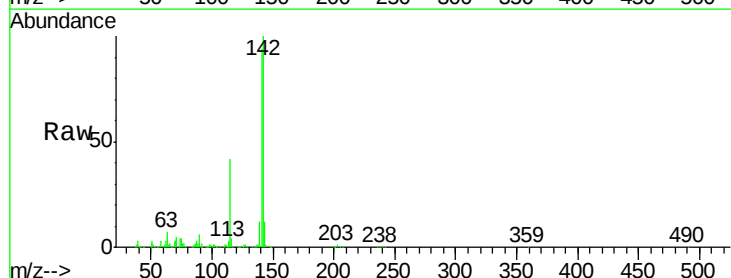
Tgt Ion:142 Resp: 477373

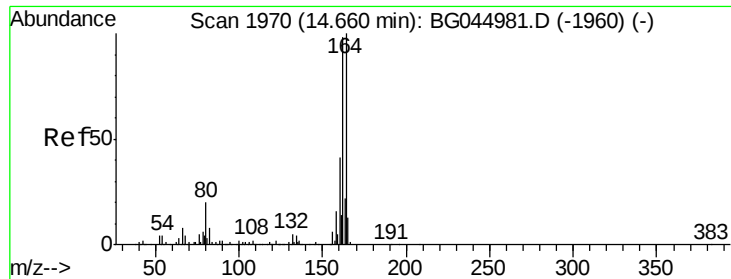
Ion Ratio Lower Upper

142 100

141 94.4 72.7 109.1

116 4.3 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

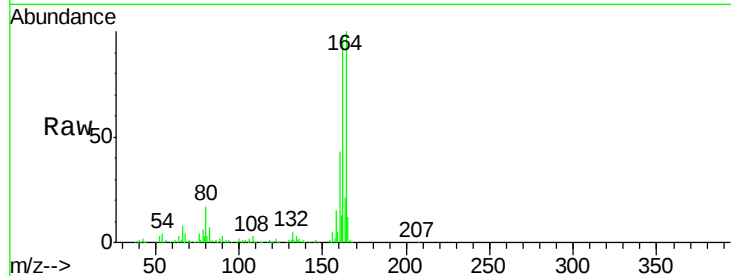
Tot Ion:164 Resp: 225788

Ion Ratio Lower Upper

164 100

162 97.7 78.7 118.1

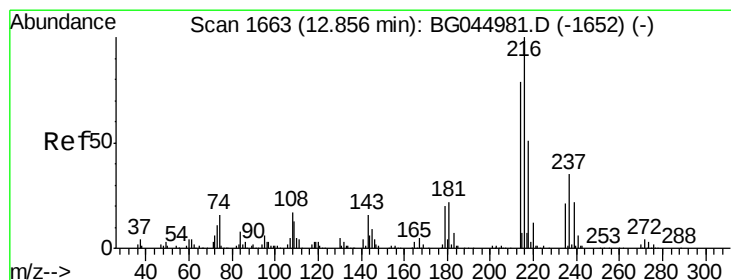
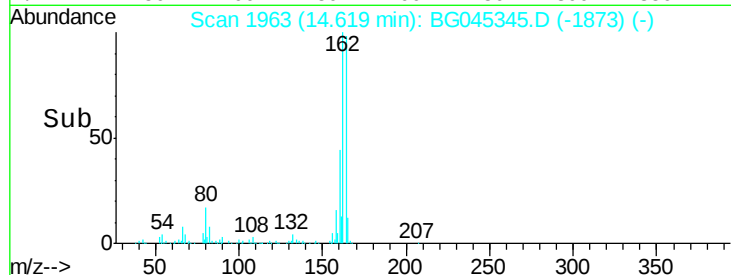
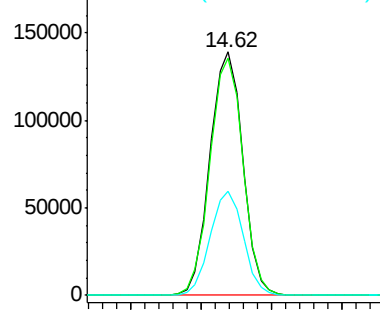
160 42.7 32.8 49.2



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: 39.661 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Tgt Ion:216 Resp: 288326

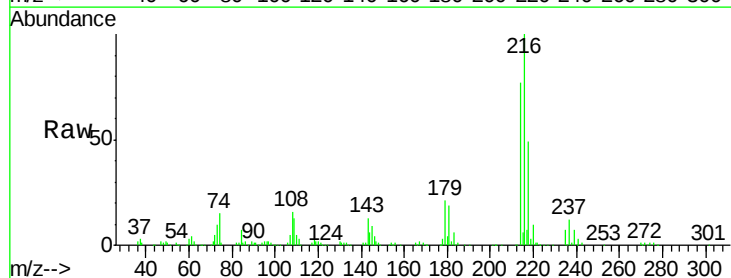
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.6

179 19.8 15.8 23.8

108 17.7 14.2 21.2

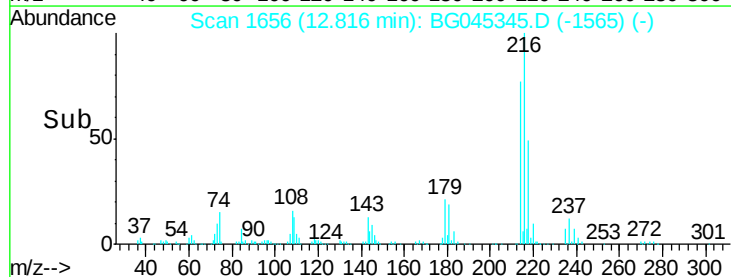
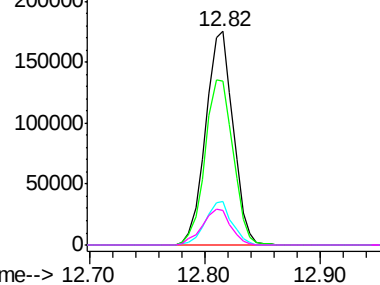


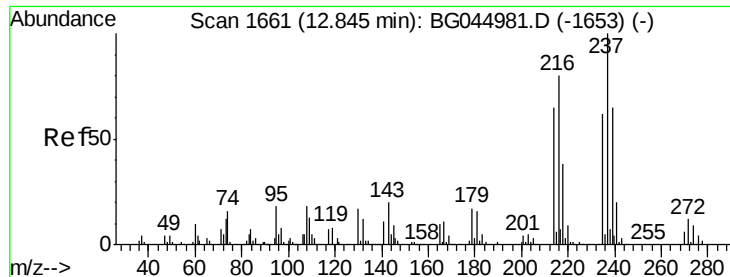
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.711 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampled :

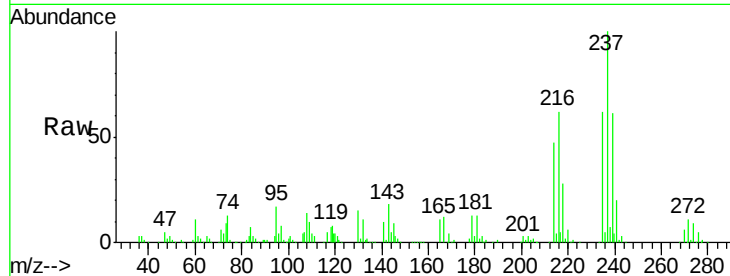
Tot Ion:237 Resp: 171348

Ion Ratio Lower Upper

237 100

235 61.6 41.6 81.6

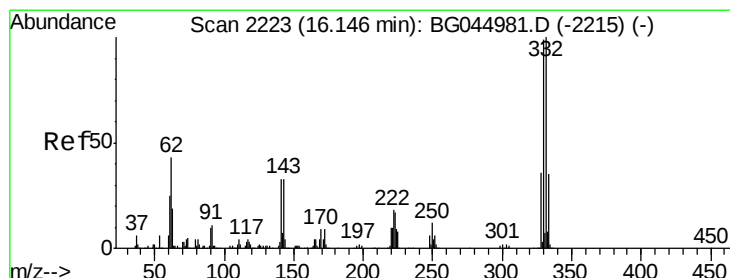
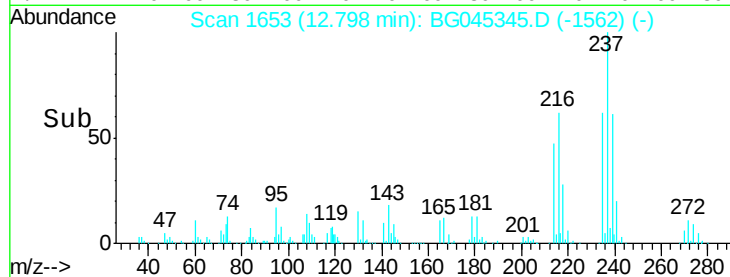
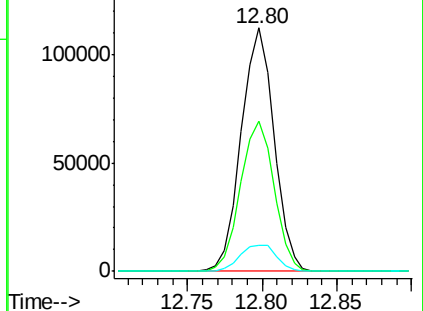
272 10.9 0.0 32.1



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: 76.030 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

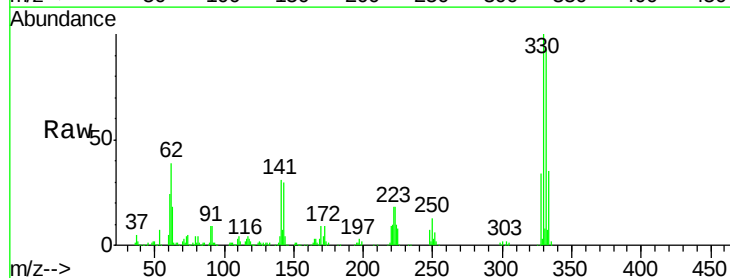
Tgt Ion:330 Resp: 265202

Ion Ratio Lower Upper

330 100

332 97.2 79.1 118.7

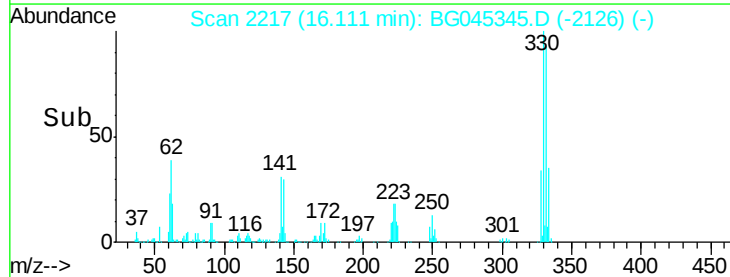
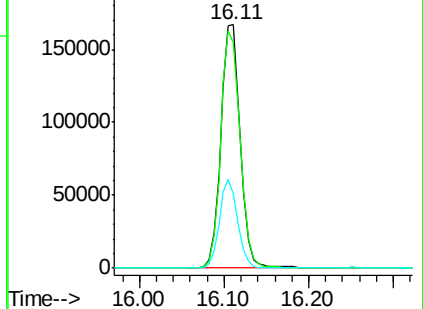
141 34.7 27.1 40.7

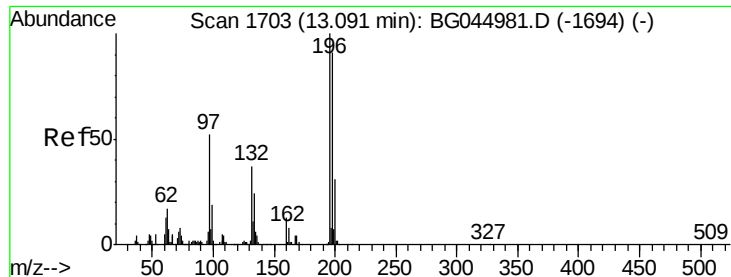


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

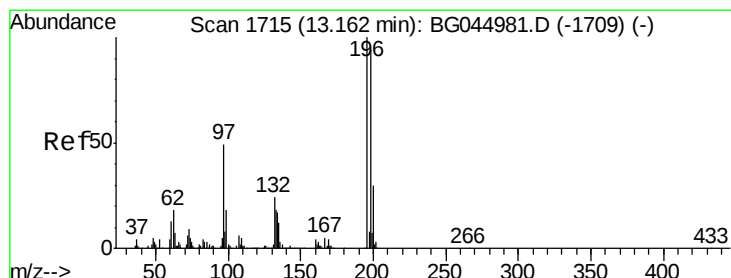
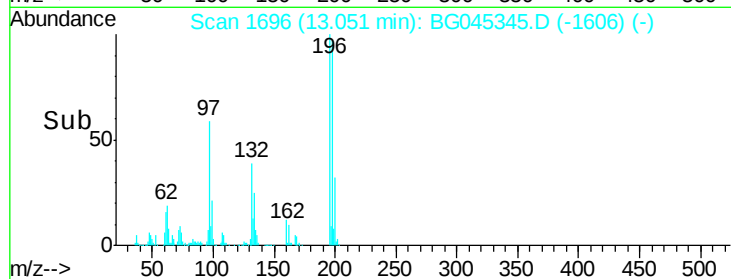
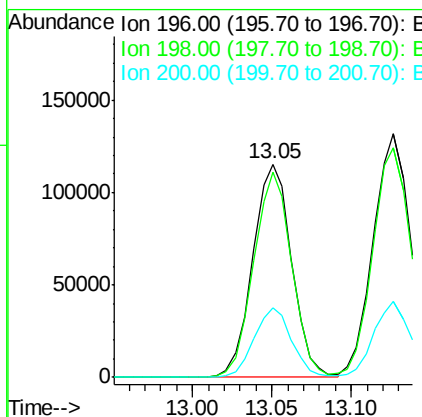
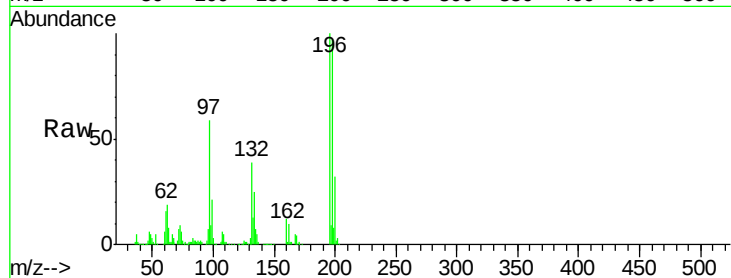




#43
 2,4,6-Trichlorophenol
 Concen: 38.255 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

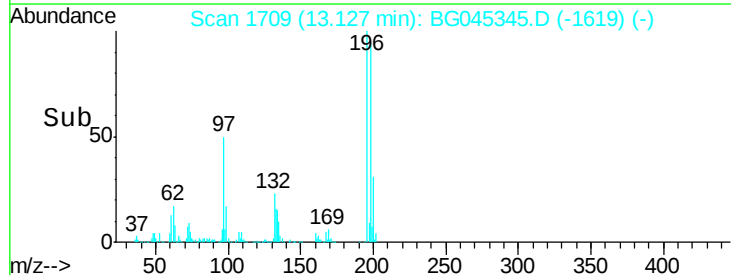
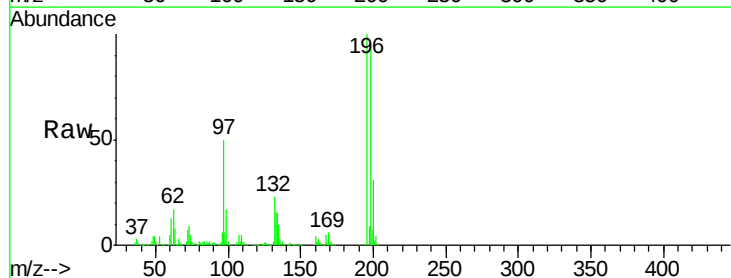
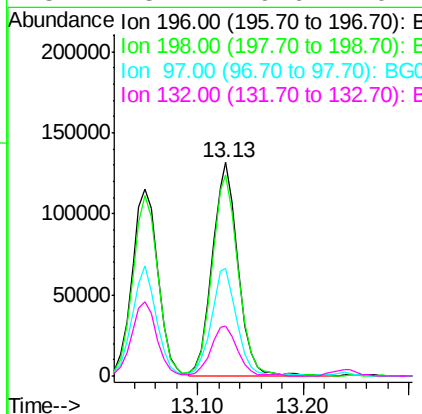
Instrument :
 BNA_G
 ClientSampleId :

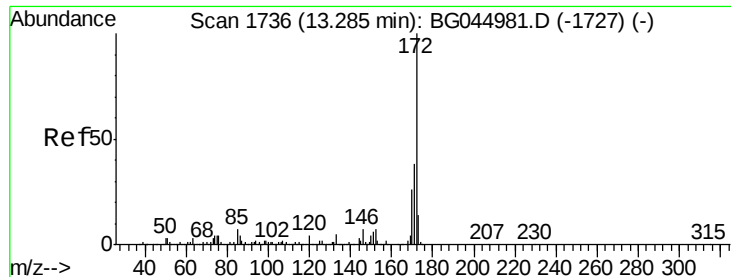
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	72.5	108.7
200	32.4	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 38.304 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
97	50.2	39.6	59.4
132	23.2	19.6	29.4

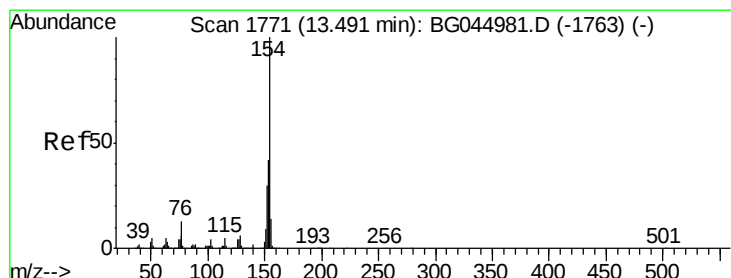
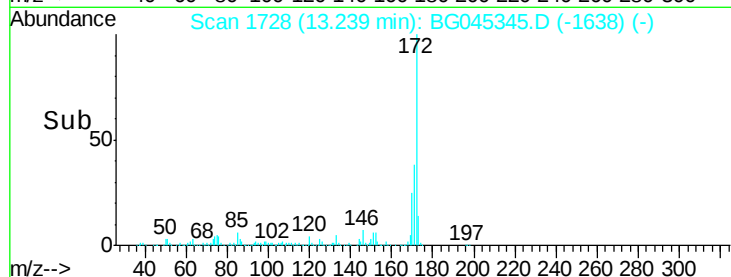
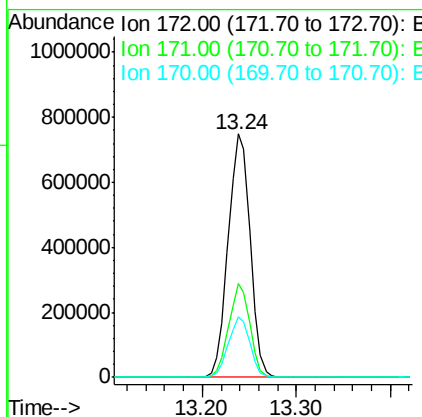
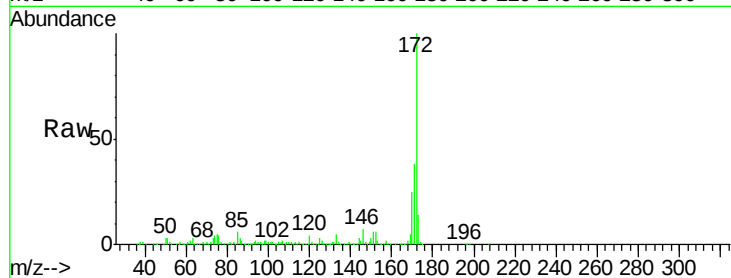




#45
2-Fluorobiphenyl
Concen: 78.762 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

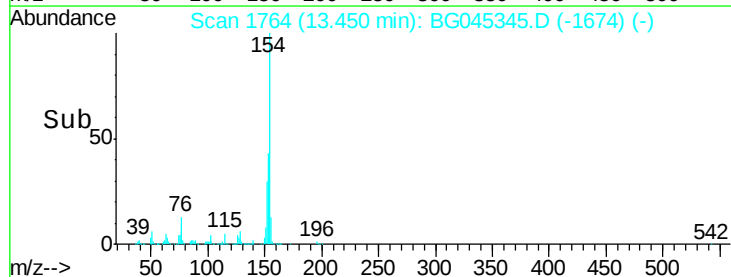
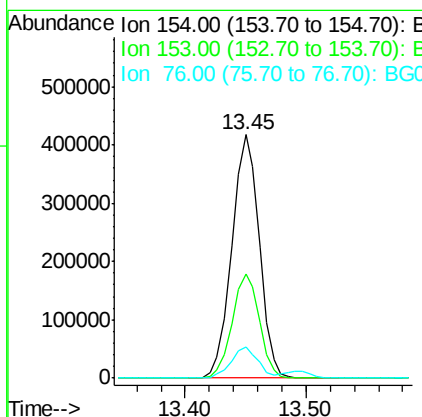
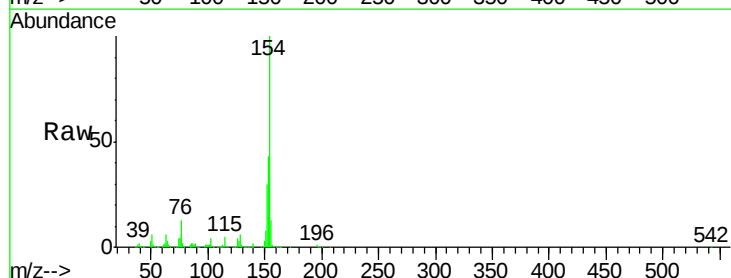
Instrument :
BNA_G
ClientSampleId :

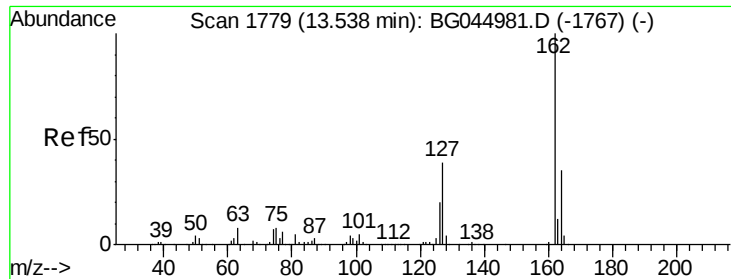
Tot Ion:172 Resp: 1212807
Ion Ratio Lower Upper
172 100
171 38.3 30.6 46.0
170 25.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 38.473 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion:154 Resp: 660258
Ion Ratio Lower Upper
154 100
153 42.7 21.9 61.9
76 12.5 0.0 33.1

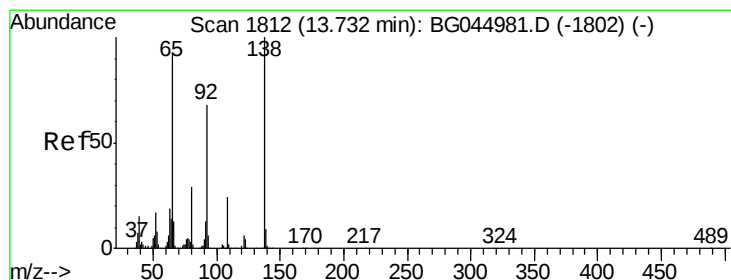
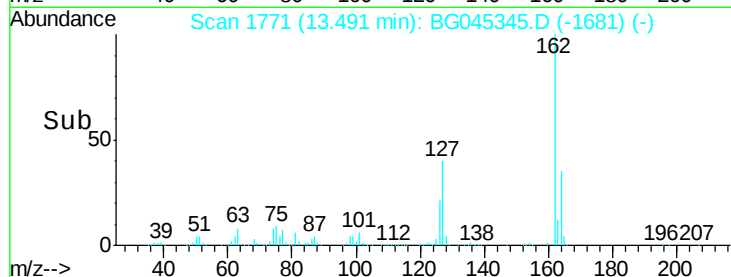
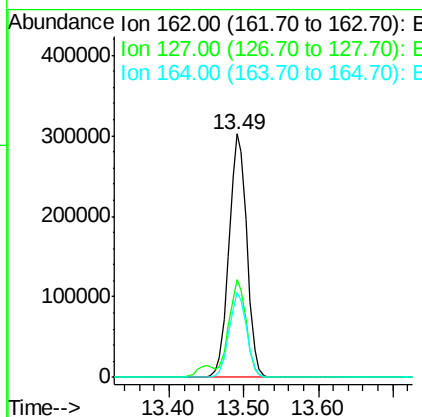
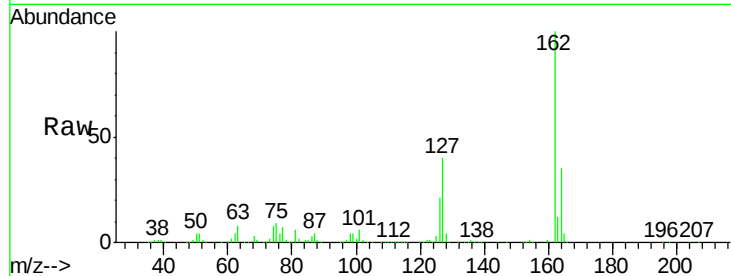




#47
2-Chloronaphthalene
Concen: 38.630 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

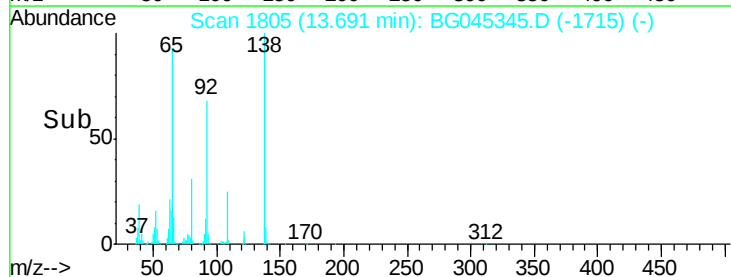
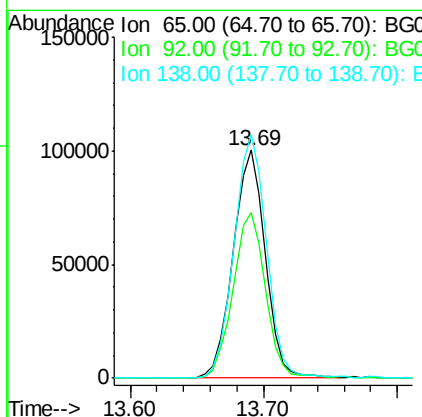
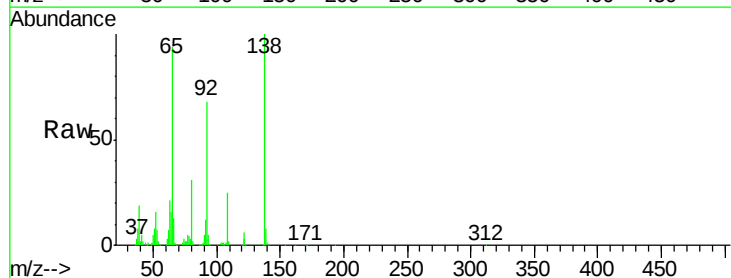
Instrument :
BNA_G
ClientSampleId :

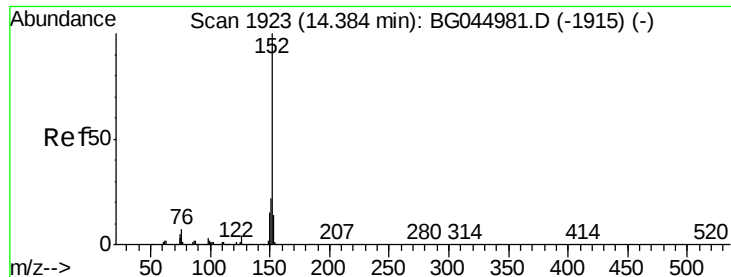
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.3	46.9
164	34.9	27.8	41.8



#48
2-Nitroaniline
Concen: 38.893 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.8	58.3	87.5
138	106.9	85.6	128.4





#49

Acenaphthylene

Concen: 38.103 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

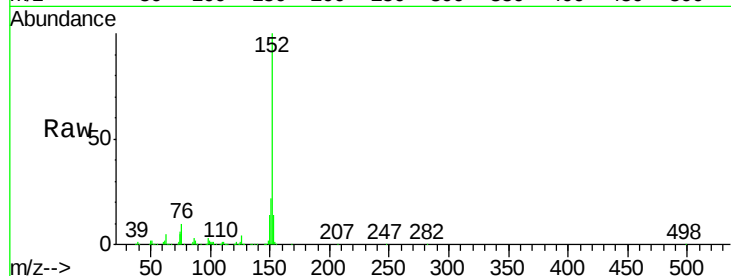
Tot Ion:152 Resp: 813862

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

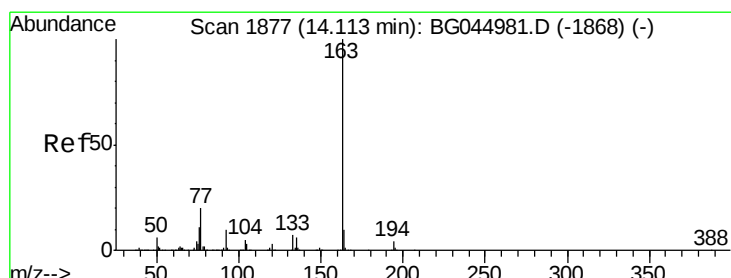
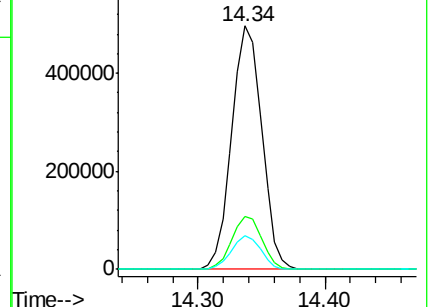
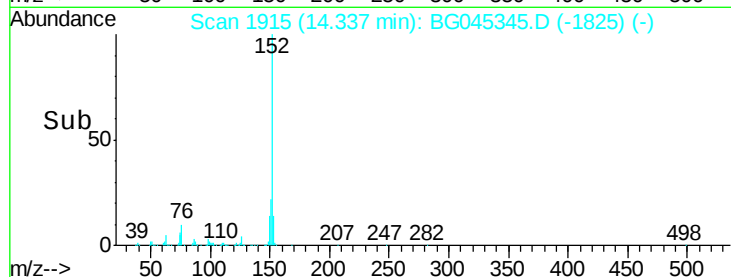
153 13.8 11.0 16.4



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: 37.249 ng

RT: 14.07 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

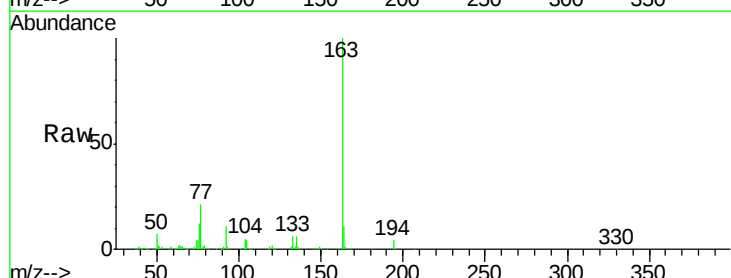
Tgt Ion:163 Resp: 684809

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

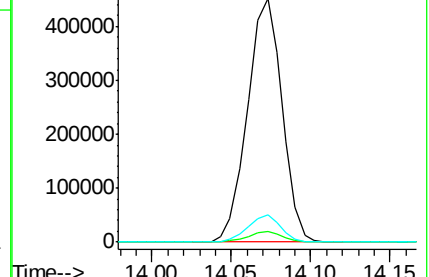
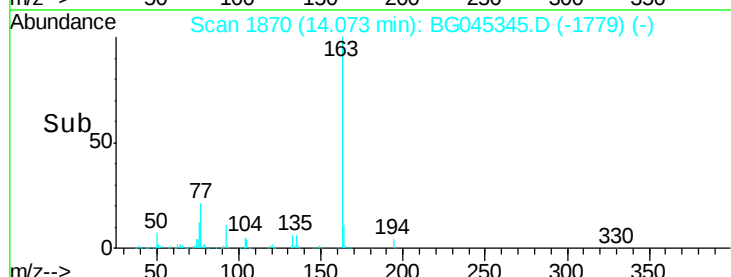
164 11.0 8.2 12.4

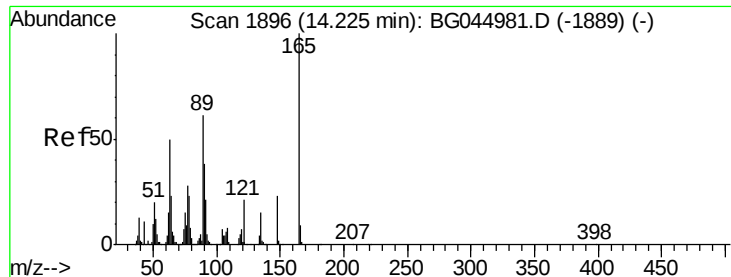


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

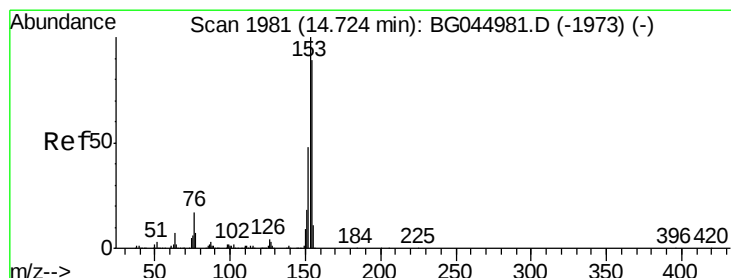
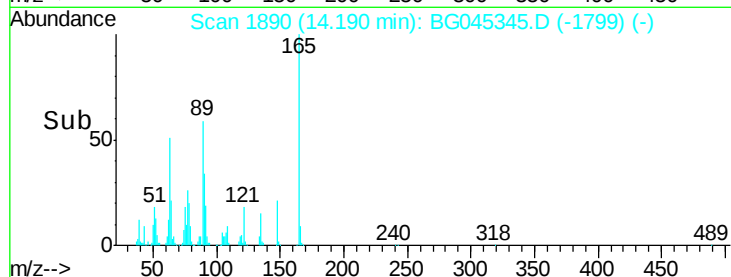
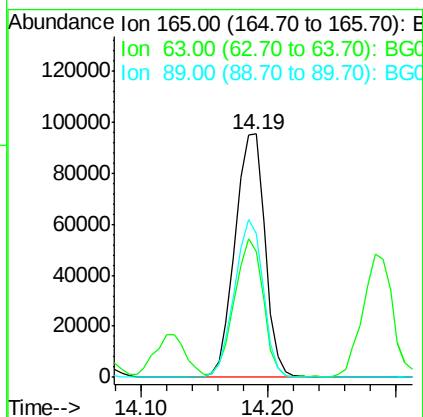
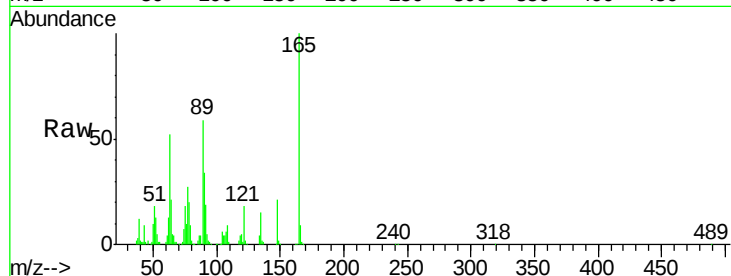




#51
2,6-Dinitrotoluene
Concen: 37.965 ng
RT: 14.19 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

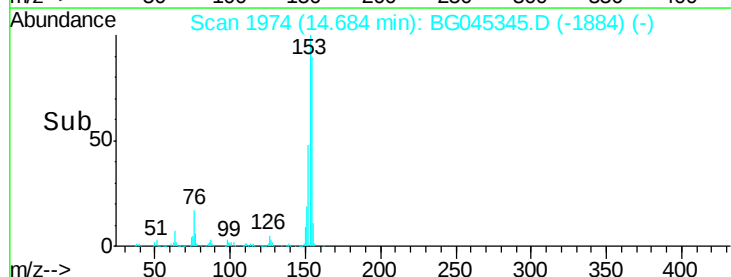
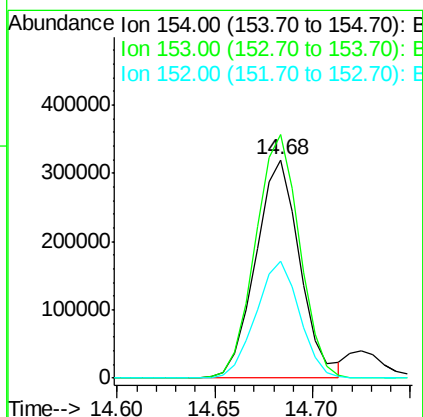
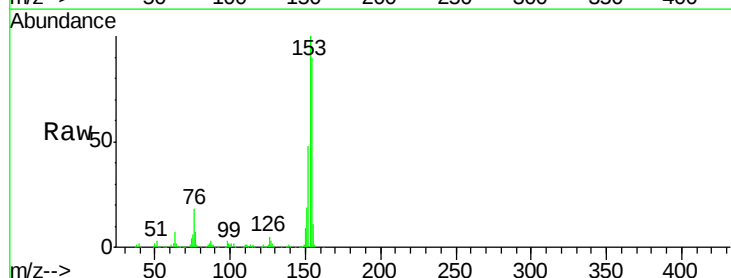
Instrument :
BNA_G
ClientSampleId :

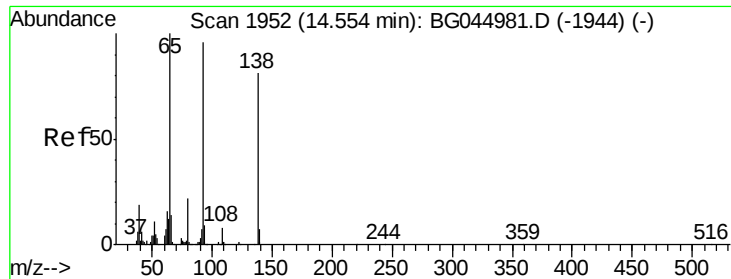
Tot Ion:165 Resp: 156118
Ion Ratio Lower Upper
165 100
63 51.8 40.4 60.6
89 59.1 49.1 73.7



#52
Acenaphthene
Concen: 34.710 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion:154 Resp: 501611
Ion Ratio Lower Upper
154 100
153 111.4 89.7 134.5
152 53.6 43.1 64.7

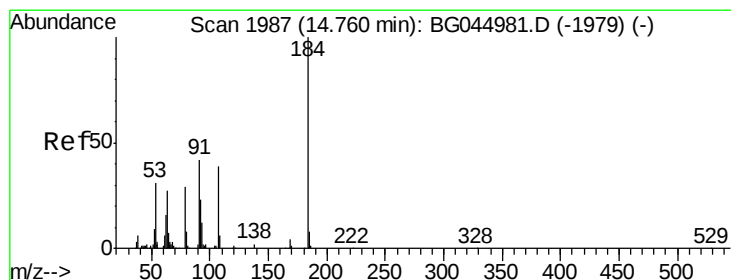
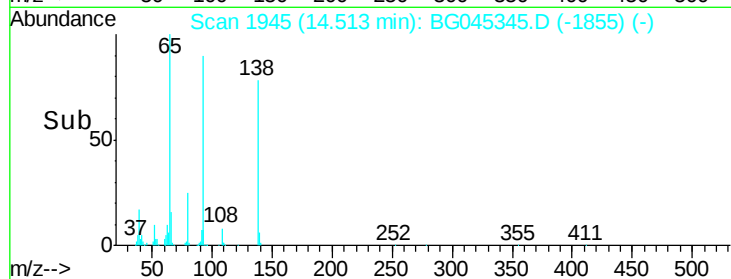
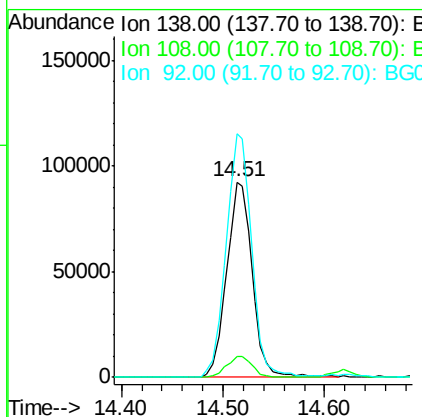
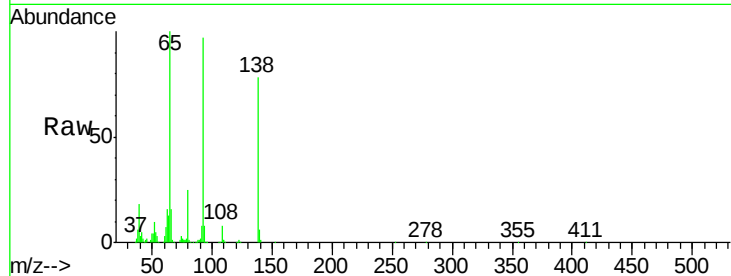




#53
3-Nitroaniline
Concen: 35.766 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

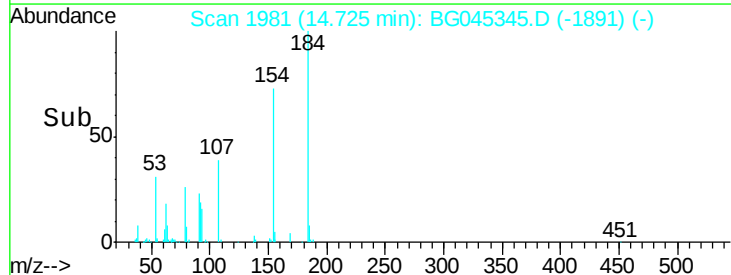
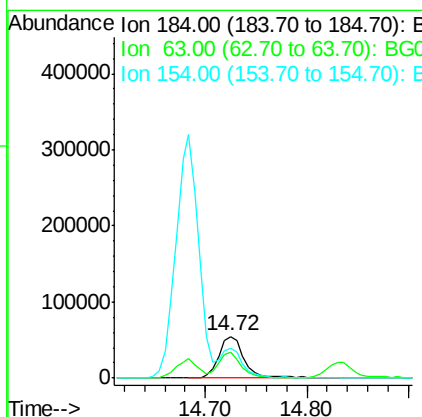
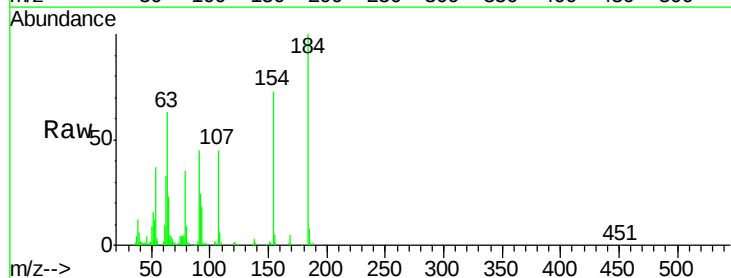
Instrument :
BNA_G
ClientSampleId :

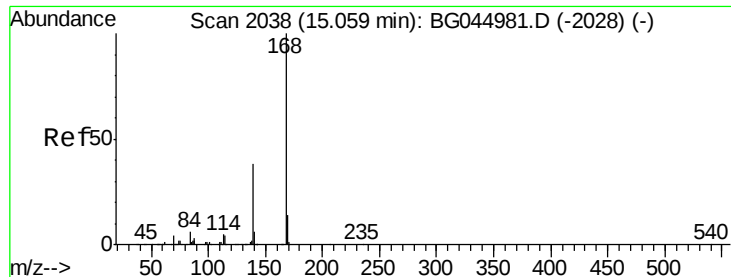
Tot Ion:138 Resp: 161307
Ion Ratio Lower Upper
138 100
108 10.8 7.8 11.8
92 124.5 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 39.565 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion:184 Resp: 96743
Ion Ratio Lower Upper
184 100
63 63.2 41.5 62.3#
154 72.8 52.3 78.5

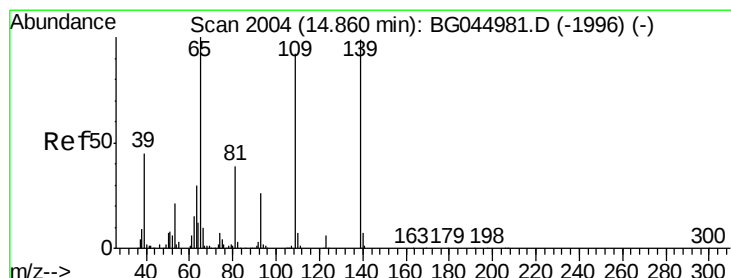
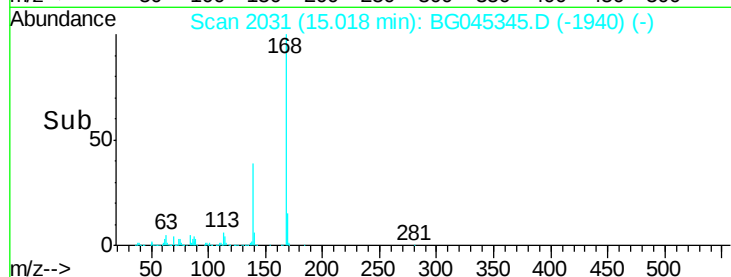
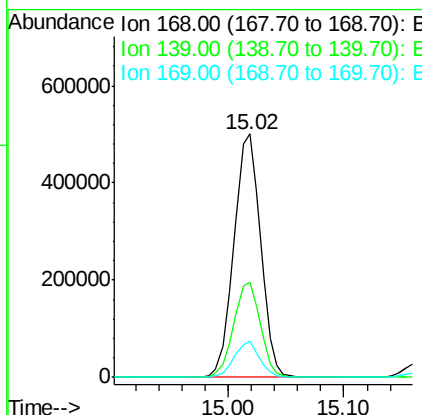
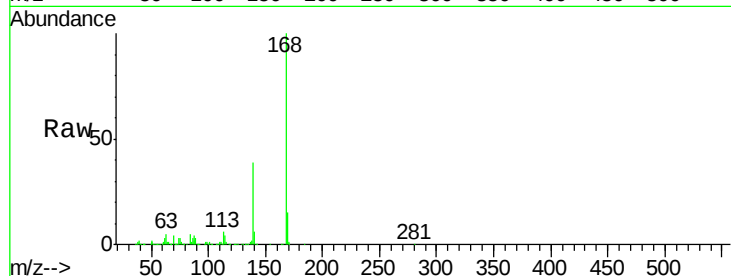




#55
Dibenzenofuran
Concen: 38.012 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

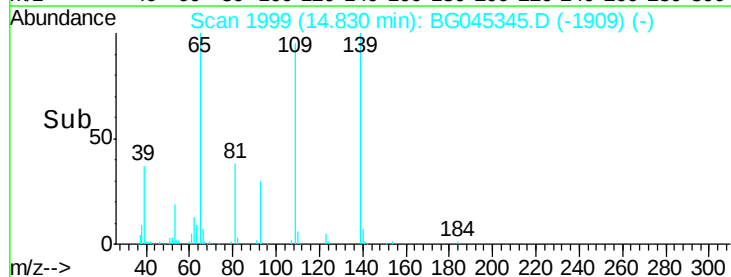
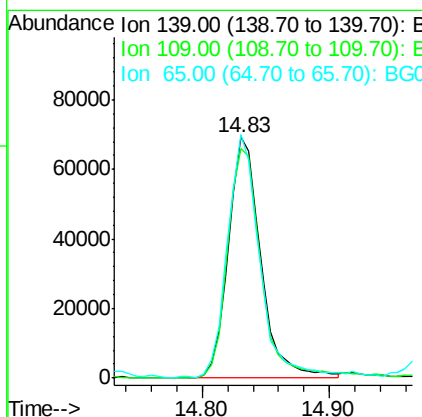
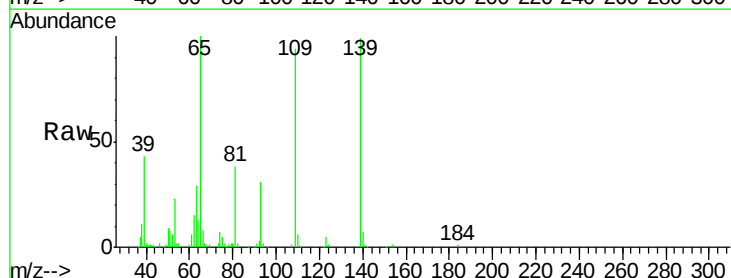
Instrument :
BNA_G
ClientSampleId :

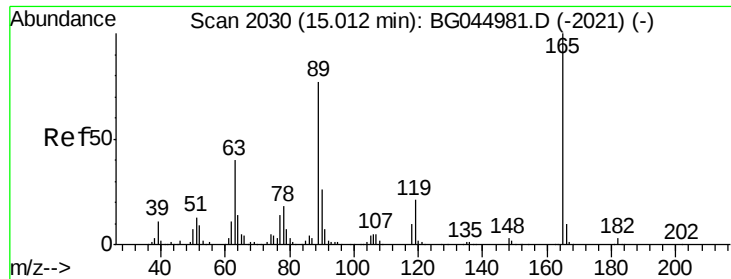
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.4	45.6
169	14.8	11.0	16.4



#56
4-Nitrophenol
Concen: 34.983 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.5	73.6	113.6
65	101.2	81.2	121.2

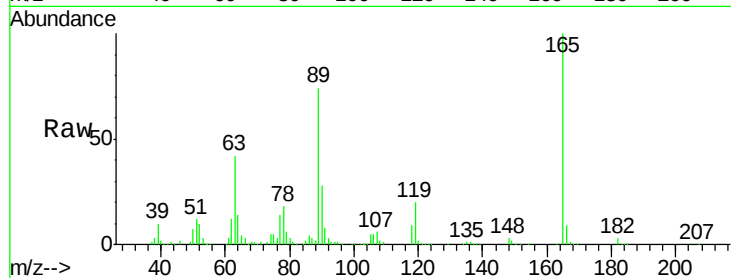




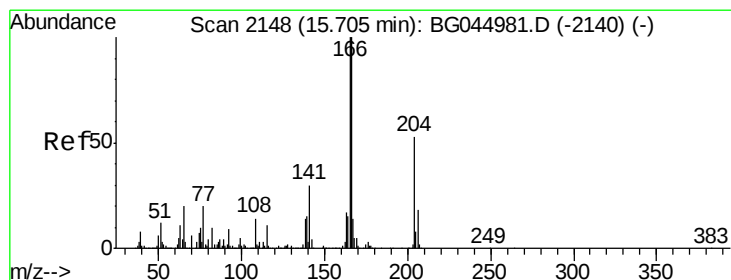
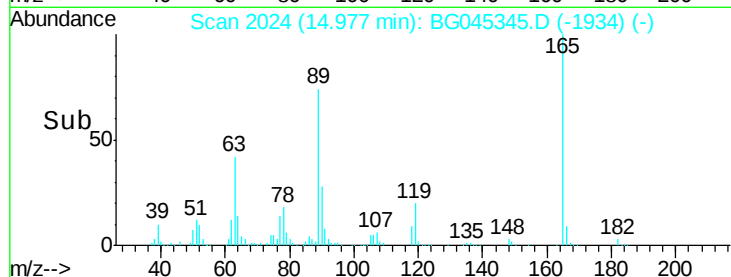
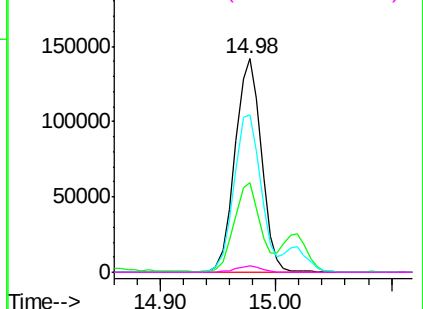
#57
 2,4-Dinitrotoluene
 Concen: 37.274 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	223997
Ion	Ratio	Lower	Upper
165	100		
63	41.7	32.2	48.2
89	73.6	61.7	92.5
182	3.0	2.0	3.0

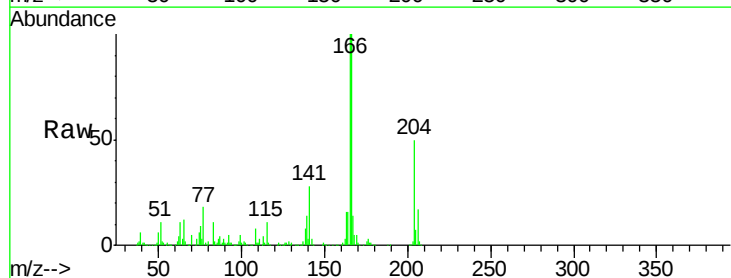


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

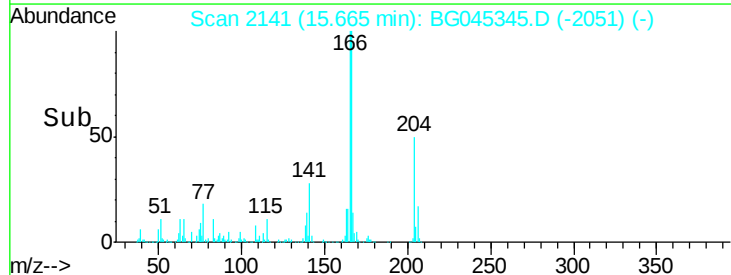
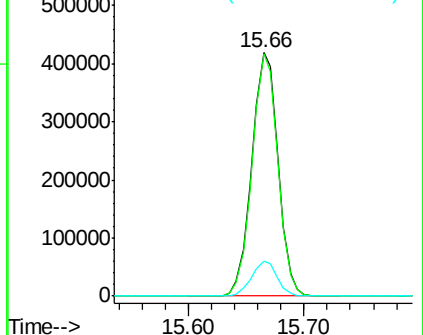


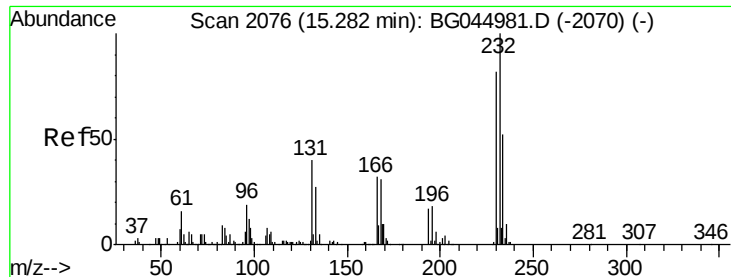
#58
 Fluorene
 Concen: 38.598 ng
 RT: 15.66 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion:	166	Resp:	664262
Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	14.5	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

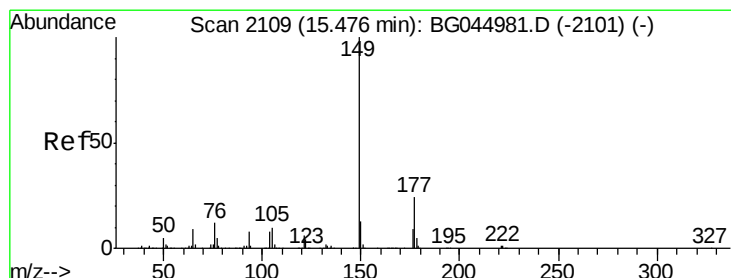
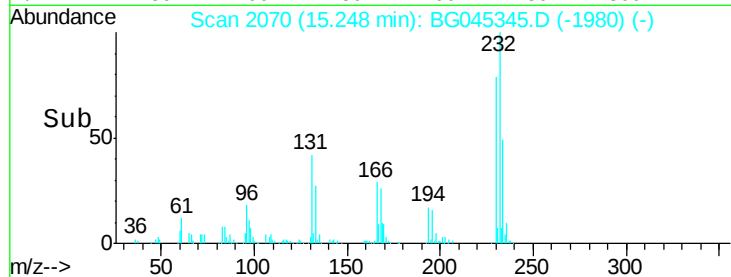
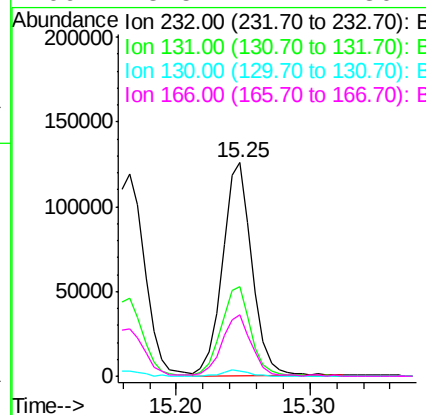
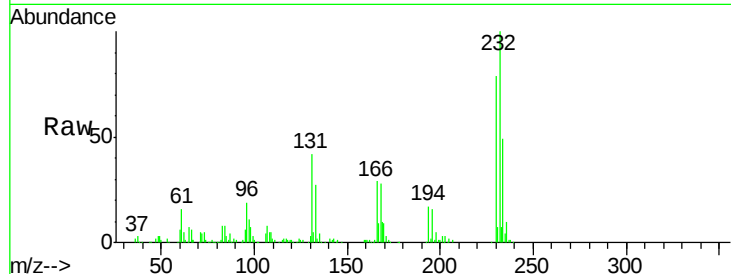




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.468 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

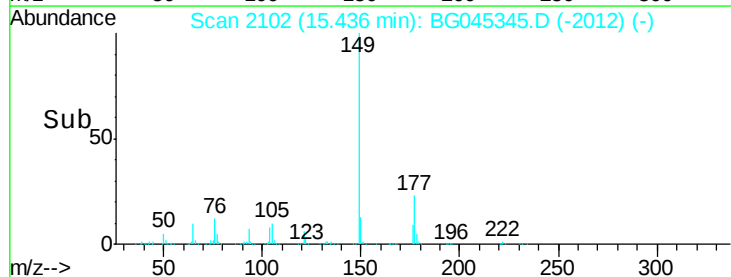
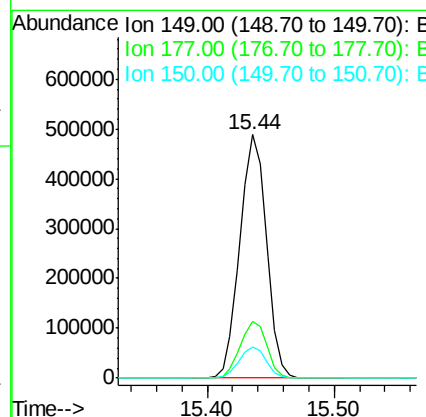
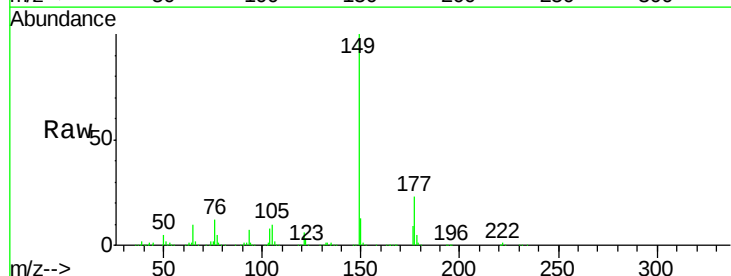
Instrument :
 BNA_G
 ClientSampleId :

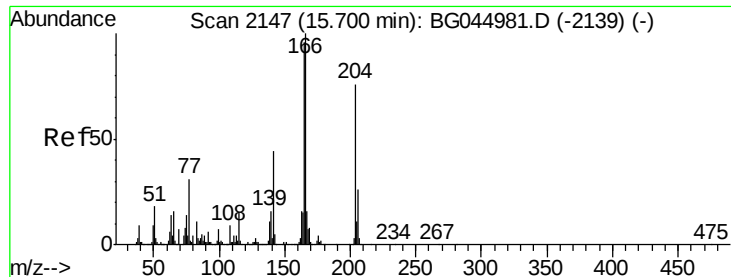
Tot Ion:232	Resp:	194701
Ion Ratio	Lower	Upper
232	100	
131	42.4	32.2 48.2
130	2.6	2.2 3.2
166	28.5	24.2 36.4



#60
 Diethylphthalate
 Concen: 36.930 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion:149	Resp:	707876
Ion Ratio	Lower	Upper
149	100	
177	23.5	18.9 28.3
150	12.8	10.6 15.8

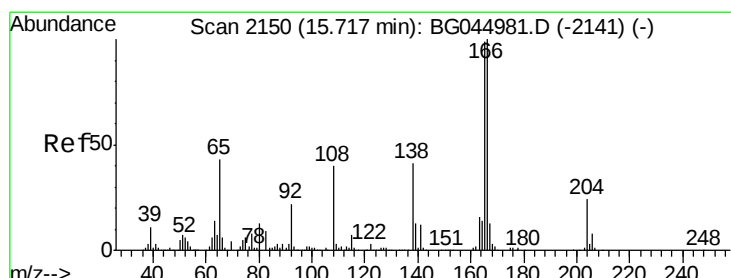
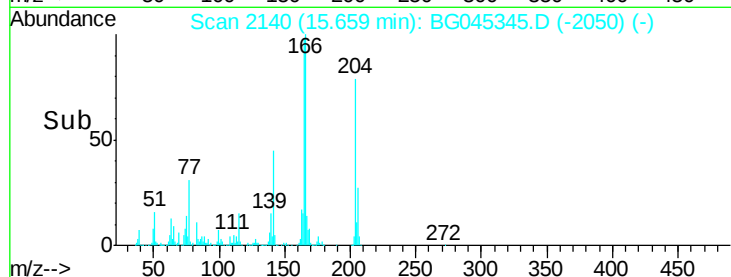
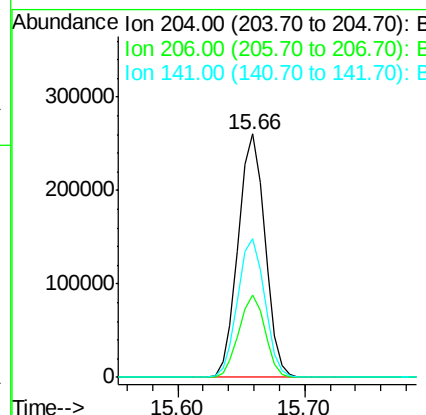
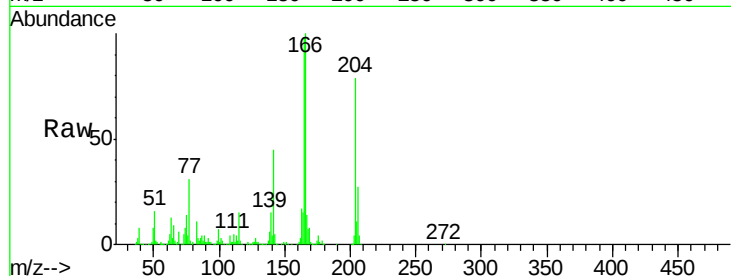




#61
 4-Chlorophenyl-phenylether
 Concen: 38.538 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

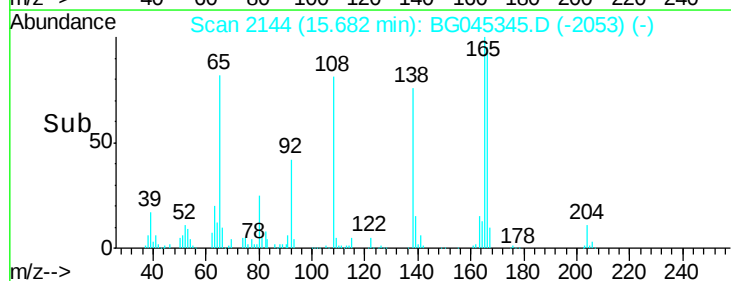
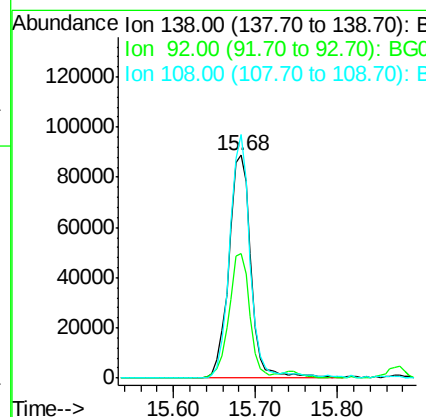
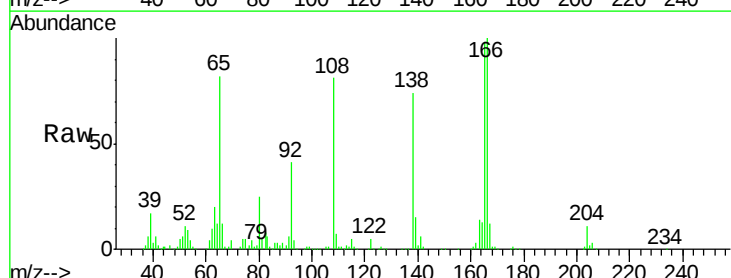
Instrument :
 BNA_G
 ClientSampleId :

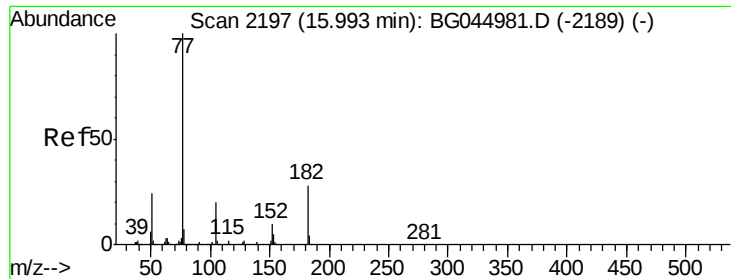
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.9	40.3
141	57.1	46.3	69.5



#62
 4-Nitroaniline
 Concen: 35.804 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	33.6	73.6
108	109.3	78.2	118.2





#63

Azobenzene

Concen: 37.770 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 667472

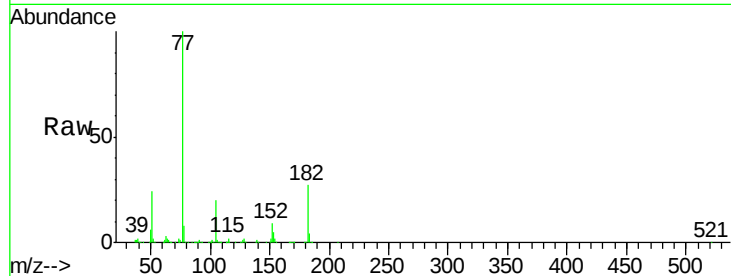
Ion Ratio Lower Upper

77 100

182 27.1 8.4 48.4

105 19.8 0.5 40.5

51 24.1 4.4 44.4

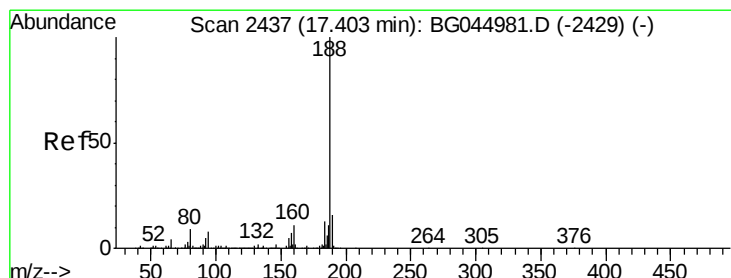
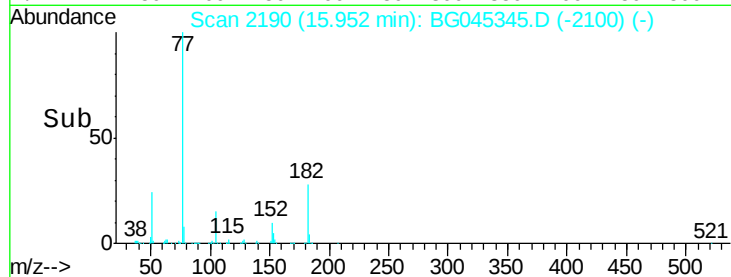
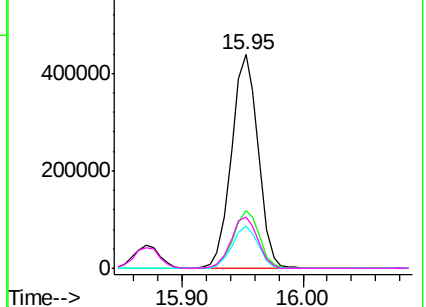


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

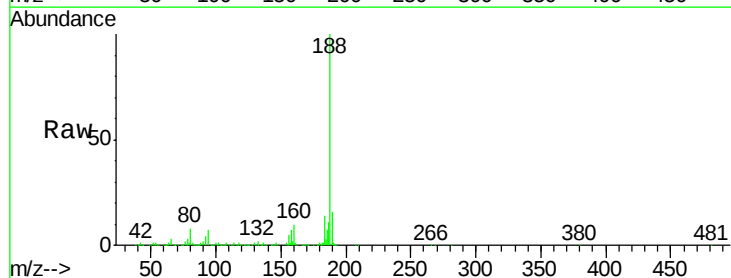
Tgt Ion: 188 Resp: 519518

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

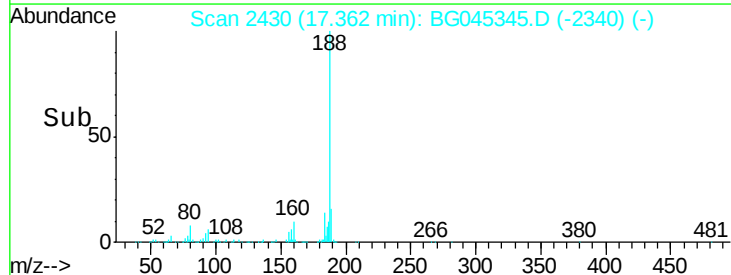
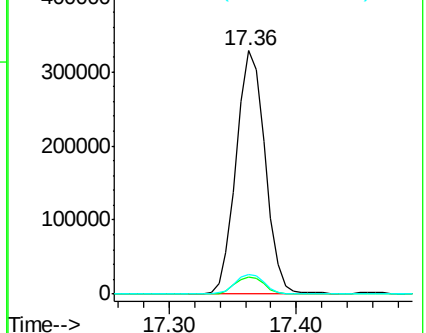
80 8.0 7.0 10.6

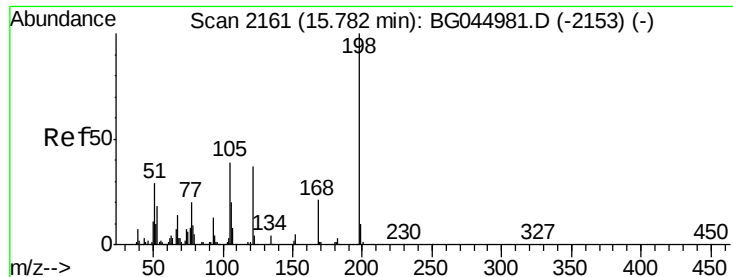


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

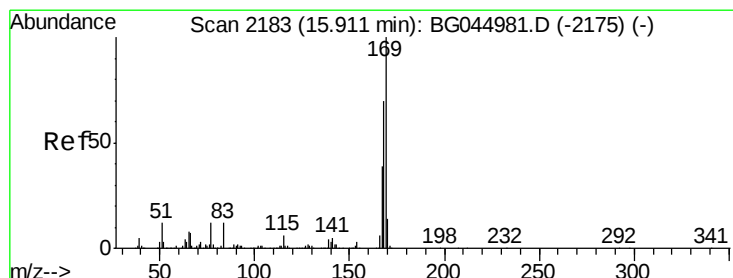
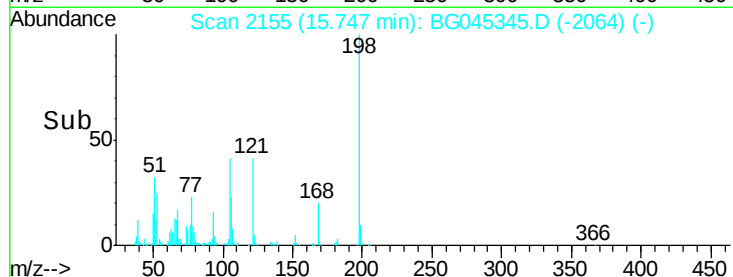
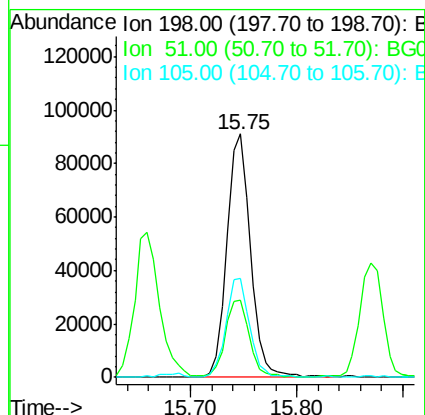
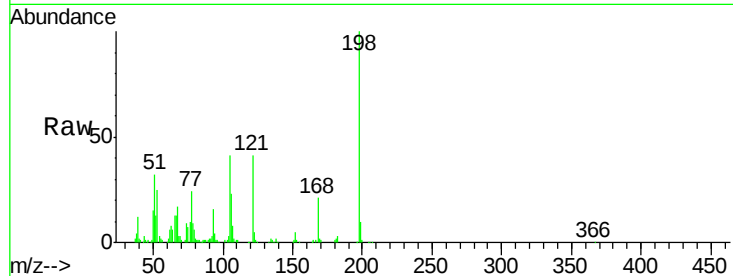




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.343 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

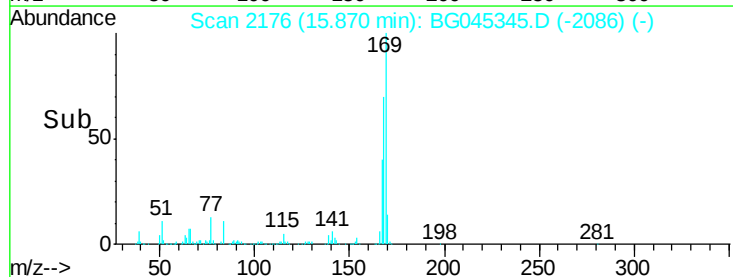
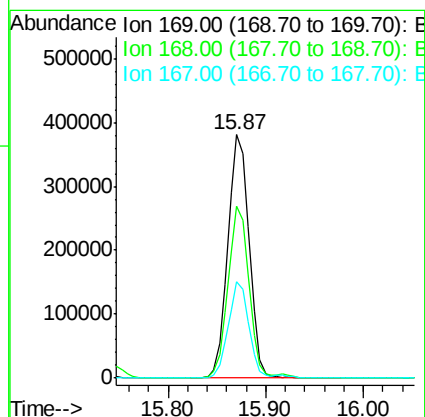
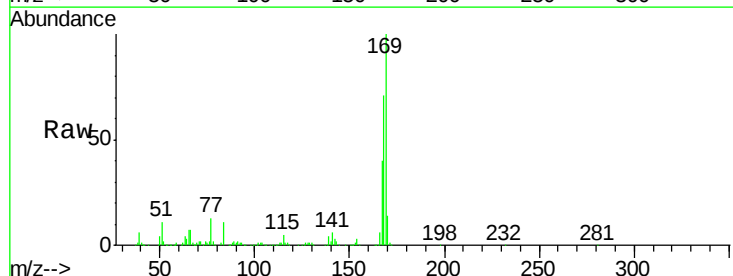
Instrument :
 BNA_G
 ClientSampleId :

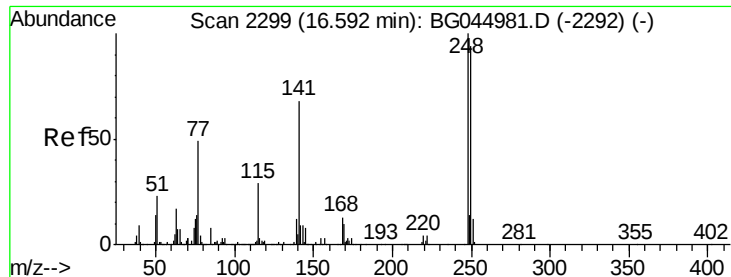
Tot Ion:198 Resp: 141179
 Ion Ratio Lower Upper
 198 100
 51 31.9 10.0 50.0
 105 40.8 18.9 58.9



#66
 n-Nitrosodiphenylamine
 Concen: 38.530 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG045345.D
 Acq: 13 May 2020 3:04

Tgt Ion:169 Resp: 575125
 Ion Ratio Lower Upper
 169 100
 168 70.5 55.8 83.8
 167 39.6 30.8 46.2

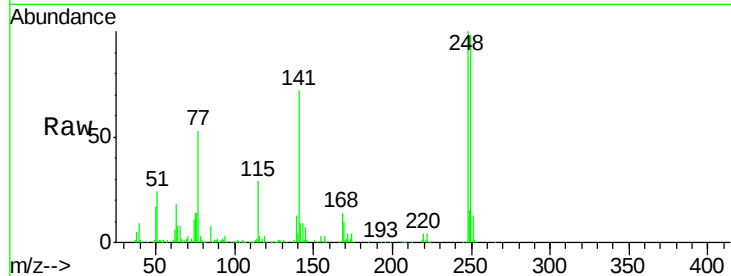




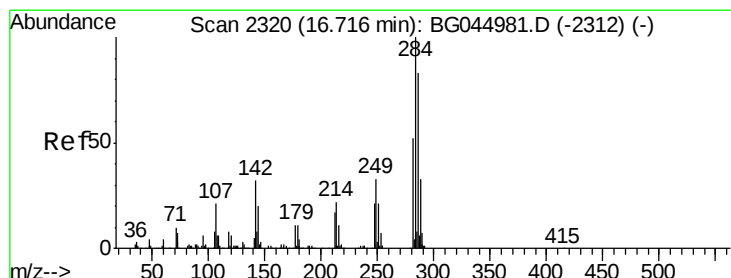
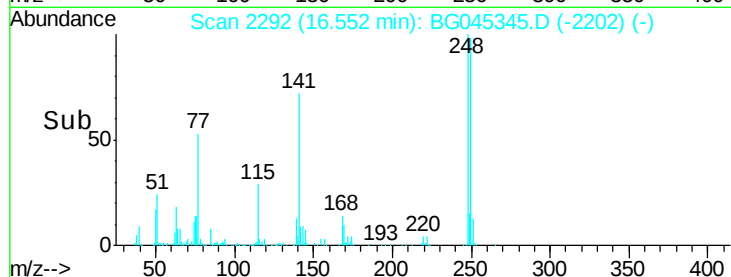
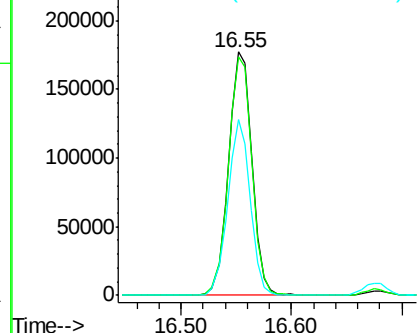
#67
4-Bromophenyl-phenylether
Concen: 39.183 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 262612
Ion Ratio Lower Upper
248 100
250 97.8 75.4 113.2
141 72.1 54.4 81.6

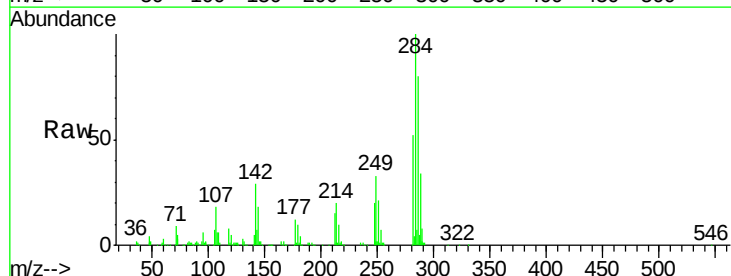


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

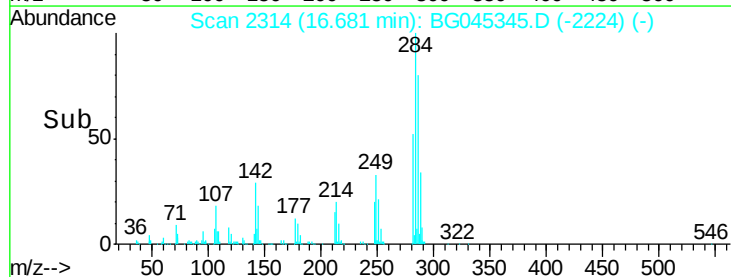
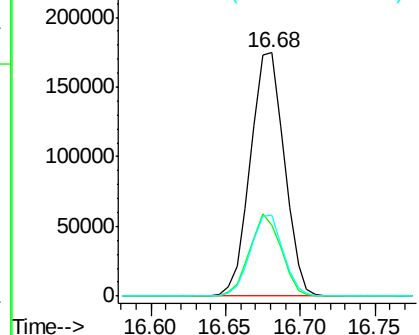


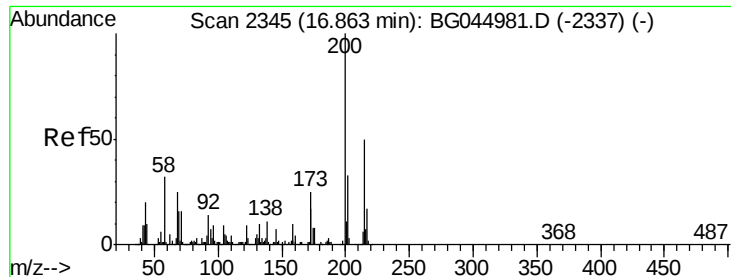
#68
Hexachlorobenzene
Concen: 39.406 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion:284 Resp: 273912
Ion Ratio Lower Upper
284 100
142 28.9 25.8 38.6
249 33.0 26.6 39.8



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: 32.619 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

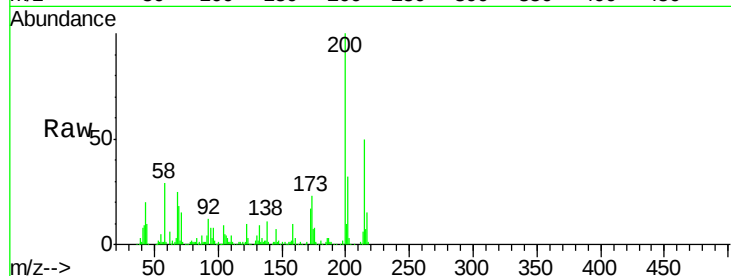
Instrument :

BNA_G

ClientSampleId :

Tot Ion:200 Resp: 184747

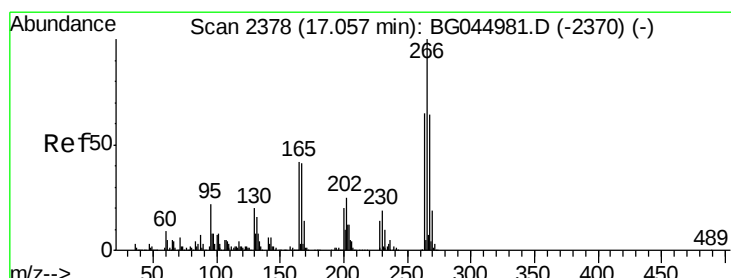
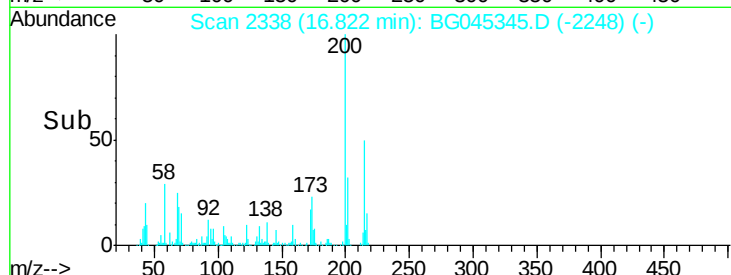
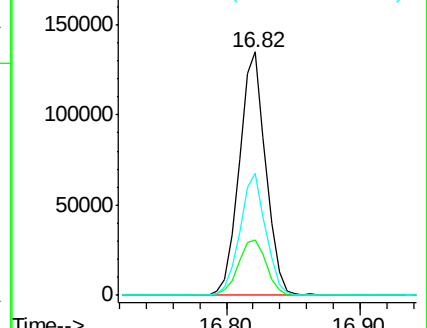
Ion	Ratio	Lower	Upper
200	100		
173	22.8	4.5	44.5
215	49.9	30.0	70.0



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: 34.162 ng

RT: 17.02 min Scan# 2372

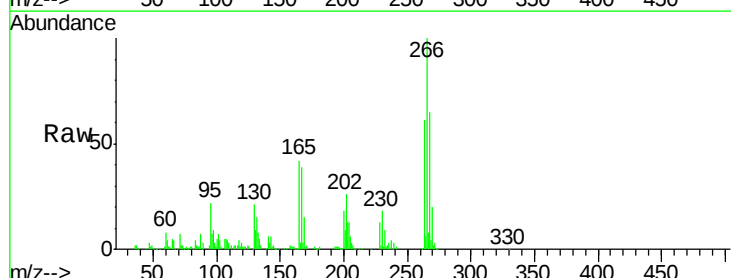
Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Tgt Ion:266 Resp: 145673

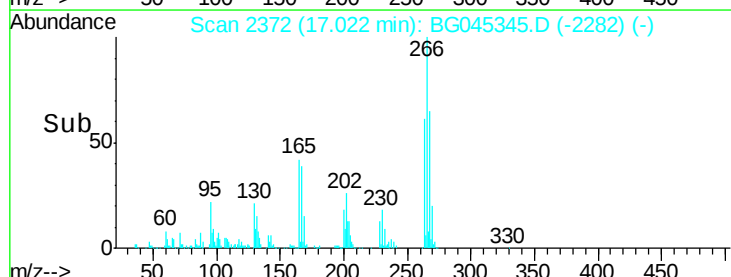
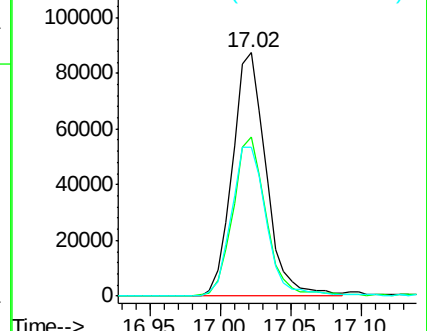
Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.5	77.3
264	61.1	52.2	78.4

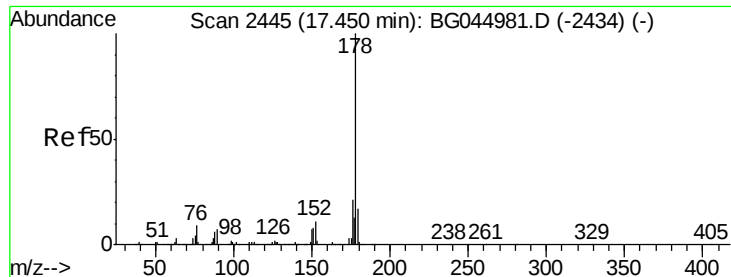


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

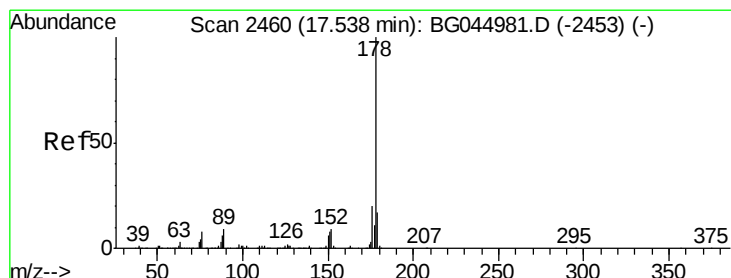
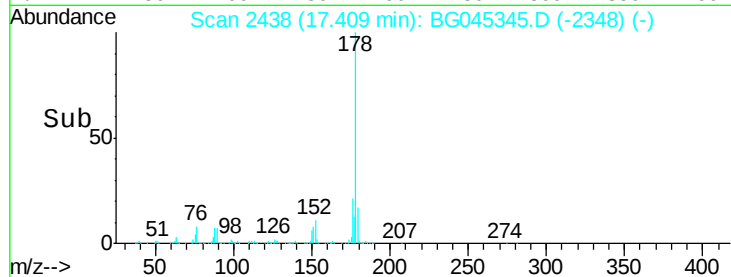
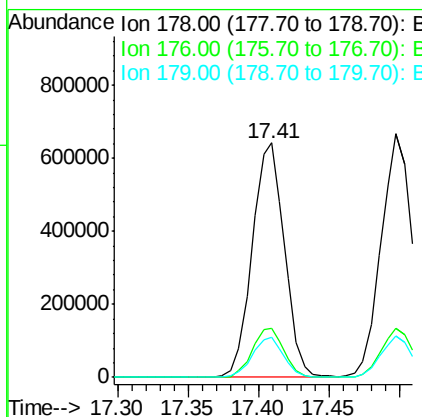
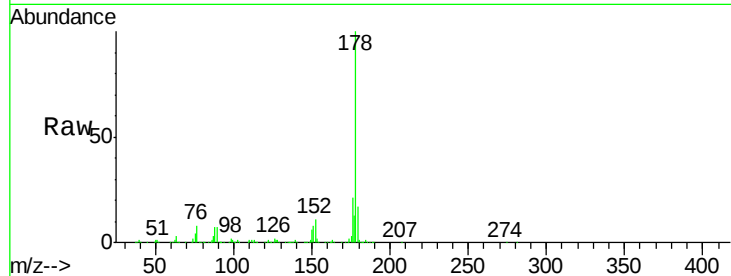




#71
Phenanthrene
Concen: 38.525 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

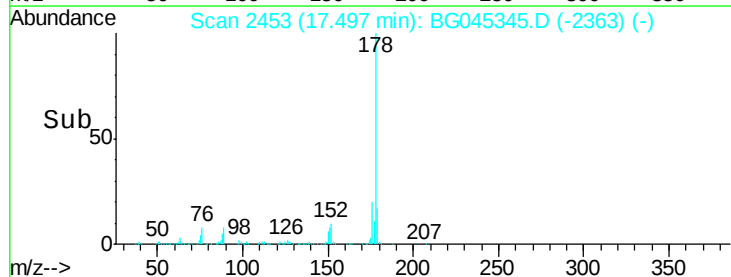
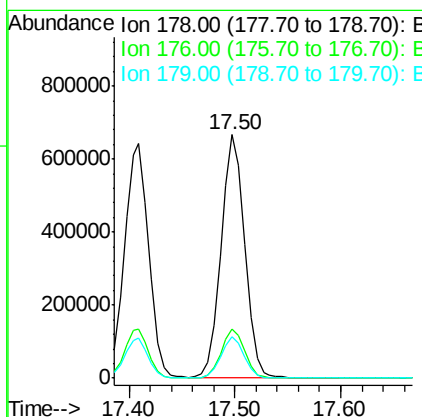
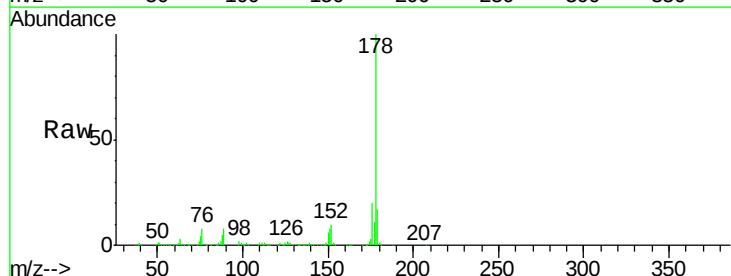
Instrument :
BNA_G
ClientSampleId :

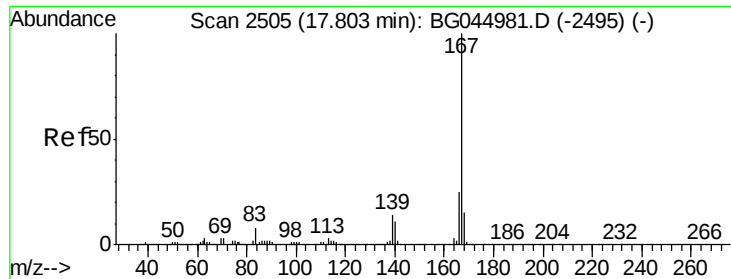
Tot Ion:178 Resp: 1028493
Ion Ratio Lower Upper
178 100
176 20.8 16.8 25.2
179 17.2 13.2 19.8



#72
Anthracene
Concen: 38.664 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion:178 Resp: 1035390
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 17.1 13.6 20.4





#73

Carbazole

Concen: 36.721 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

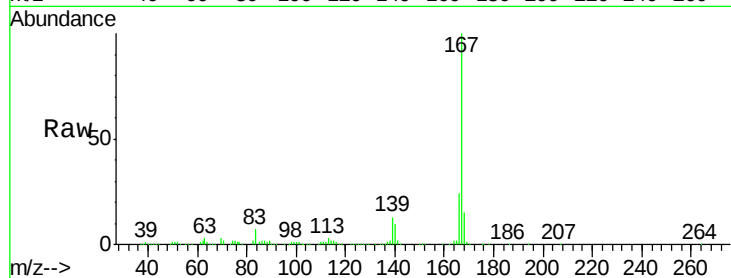
Tot Ion:167 Resp: 997917

Ion Ratio Lower Upper

167 100

166 23.9 19.8 29.6

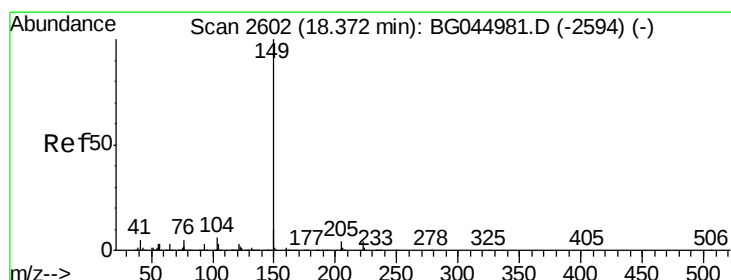
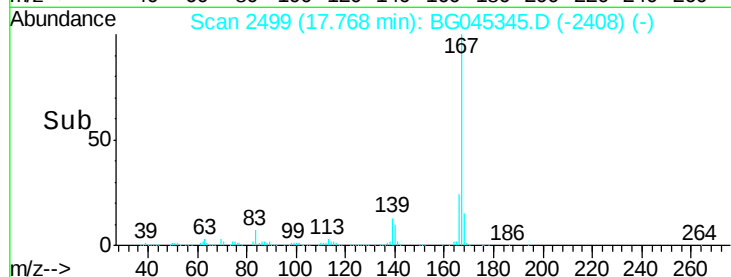
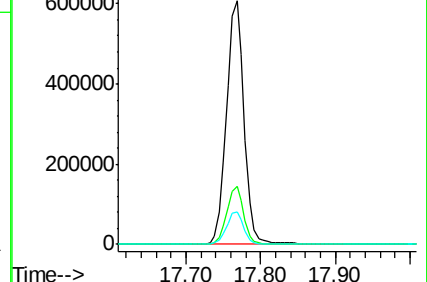
139 13.4 10.9 16.3



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: 38.813 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

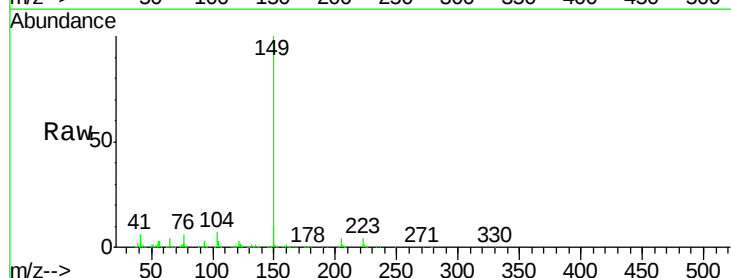
Tgt Ion:149 Resp: 1172869

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

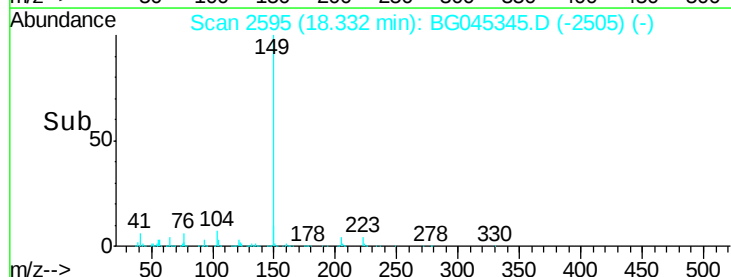
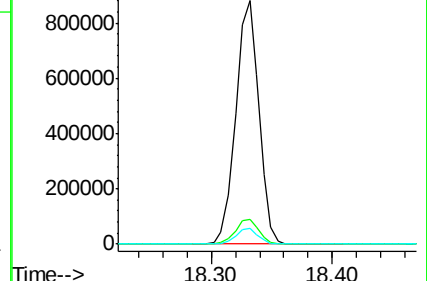
104 6.6 4.8 7.2

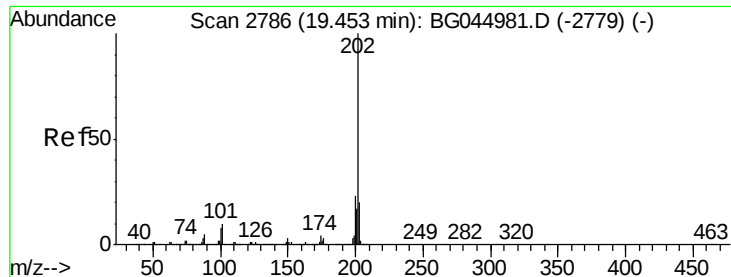


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.020 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

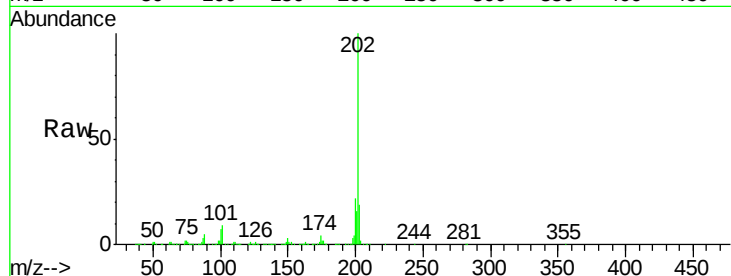
Tot Ion:202 Resp: 1250137

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	29.6
203	19.4	0.0	39.7

202 100

101 8.8 0.0 29.6

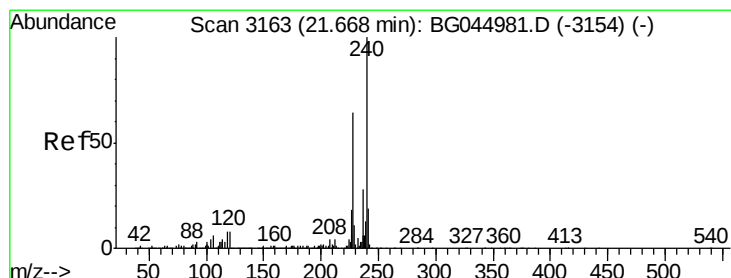
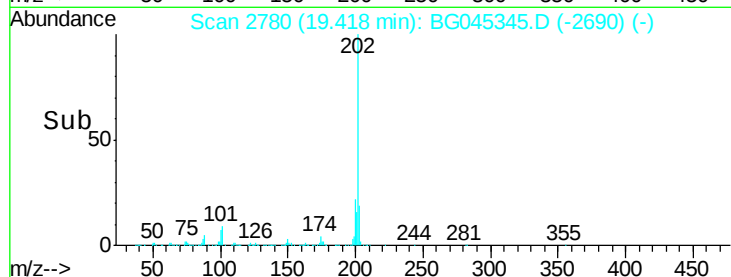
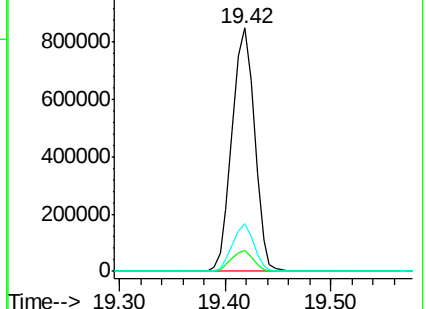
203 19.4 0.0 39.7



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: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

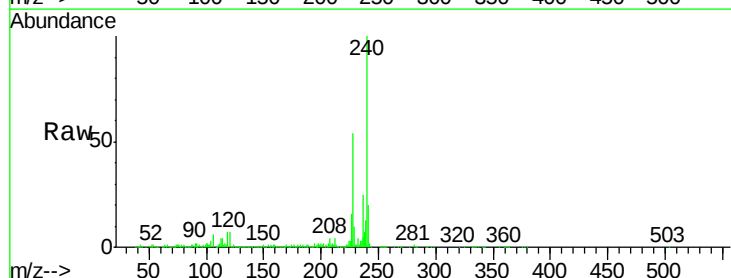
Tgt Ion:240 Resp: 459587

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.6	10.0
236	25.5	22.2	33.2

240 100

120 6.9 6.6 10.0

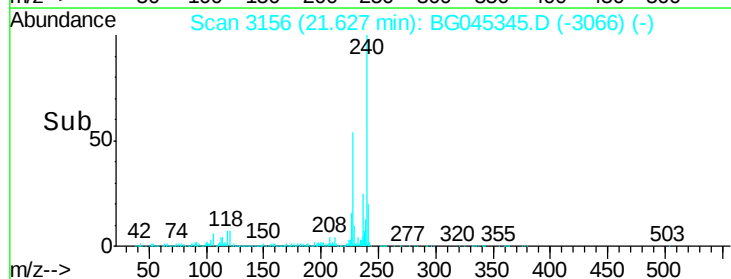
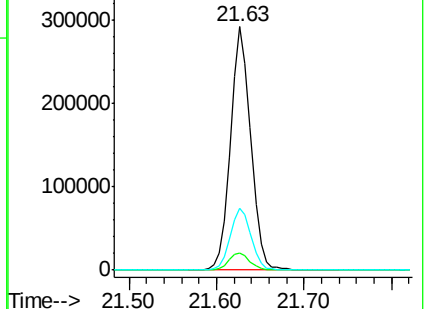
236 25.5 22.2 33.2

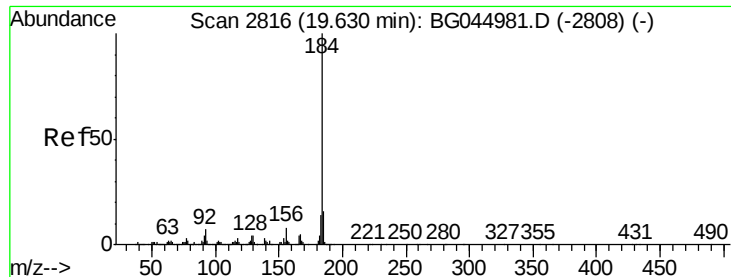


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.561 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

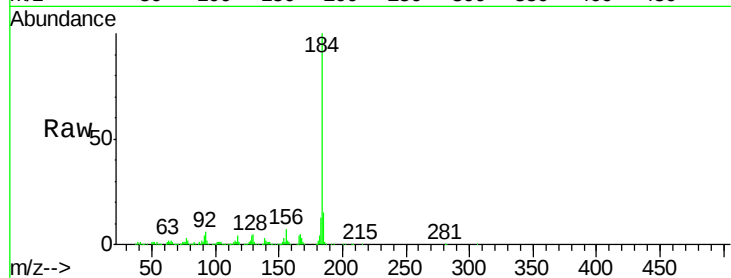
Tot Ion:184 Resp: 570842

Ion Ratio Lower Upper

184 100

185 14.9 12.6 19.0

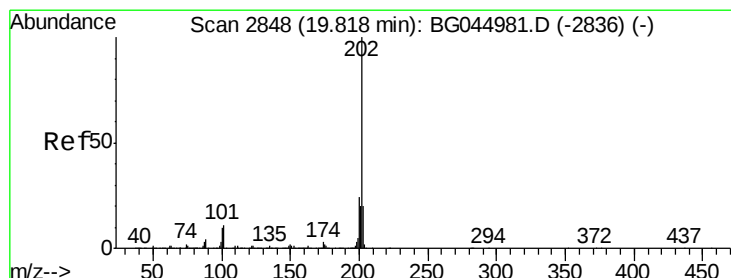
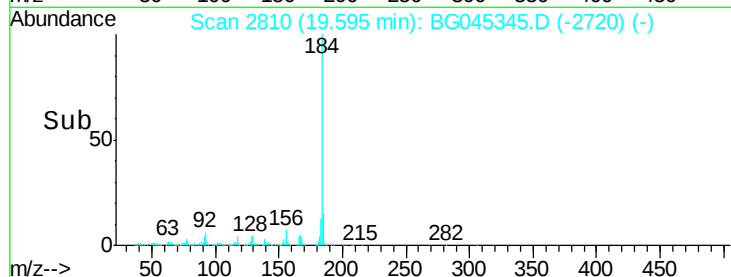
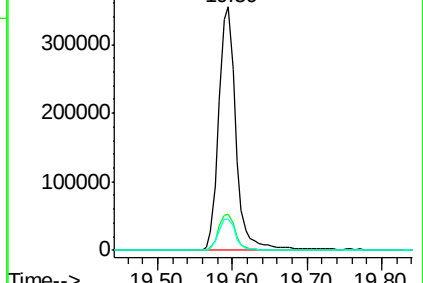
183 13.0 11.3 16.9



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: 39.455 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

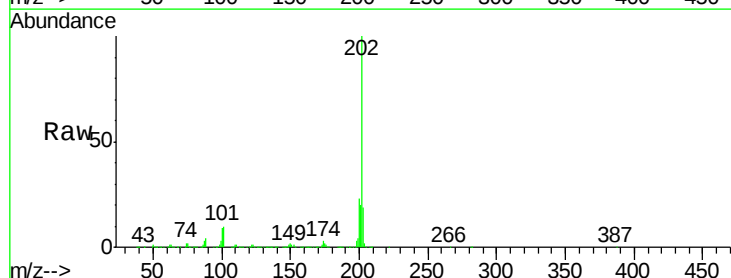
Tgt Ion:202 Resp: 1250103

Ion Ratio Lower Upper

202 100

200 23.2 19.0 28.6

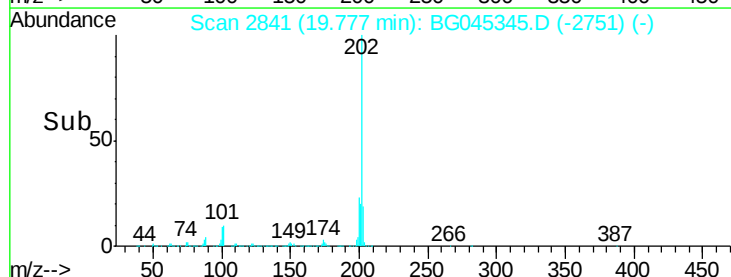
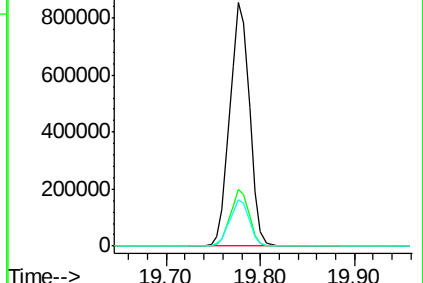
203 19.2 16.1 24.1

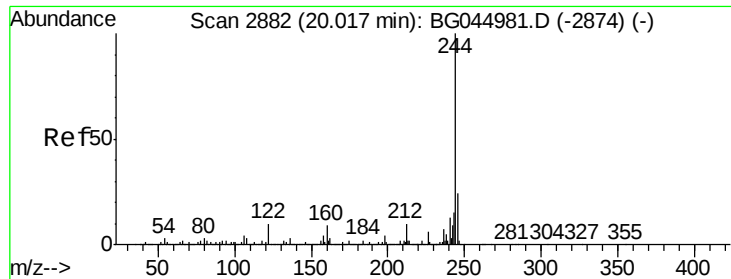


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.857 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

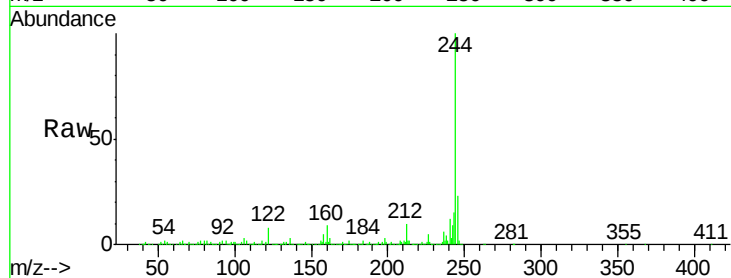
Tot Ion:244 Resp: 1810389

Ion Ratio Lower Upper

244 100

212 9.8 7.9 11.9

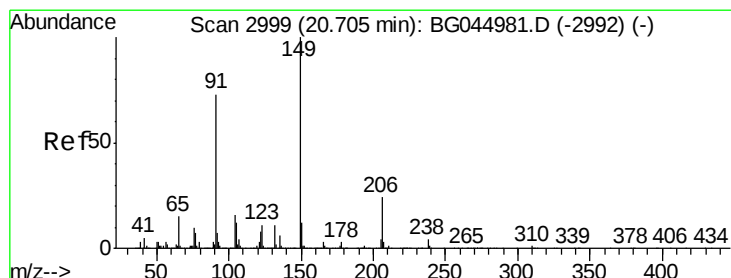
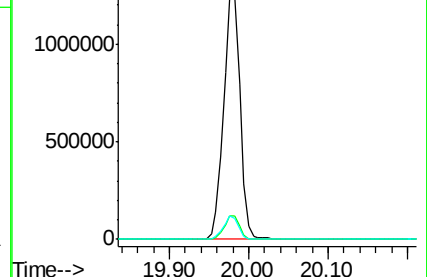
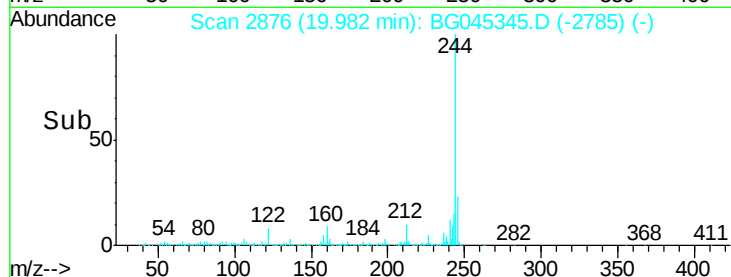
122 8.4 7.7 11.5



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: 40.615 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

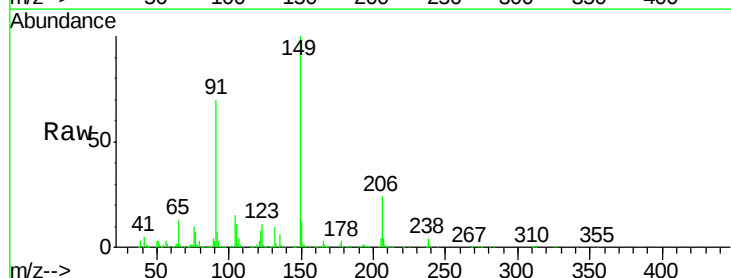
Tgt Ion:149 Resp: 533419

Ion Ratio Lower Upper

149 100

91 70.3 58.5 87.7

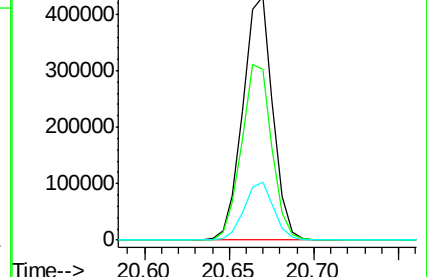
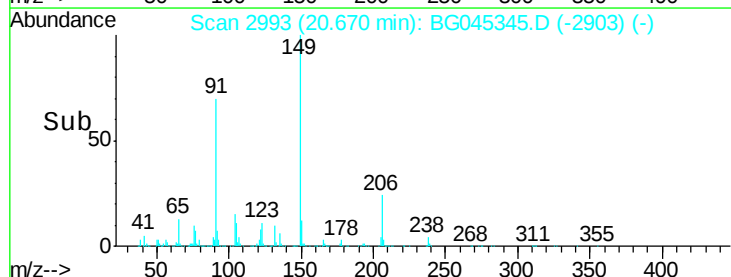
206 23.8 19.2 28.8

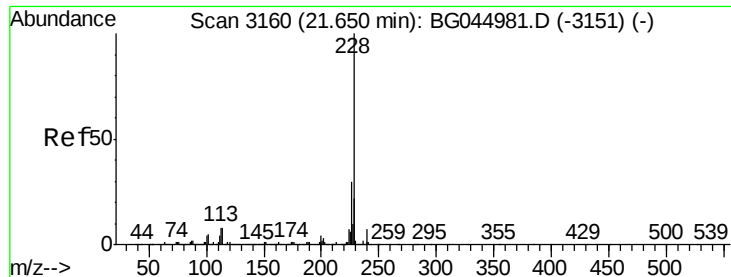


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.723 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

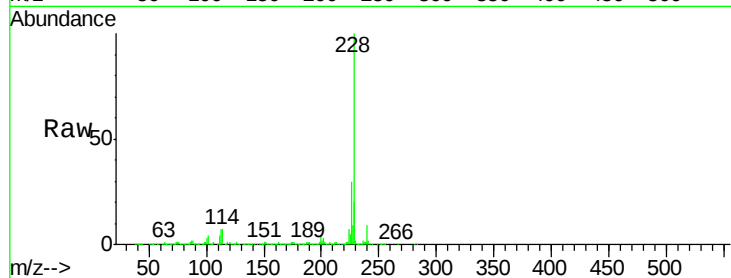
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1183247

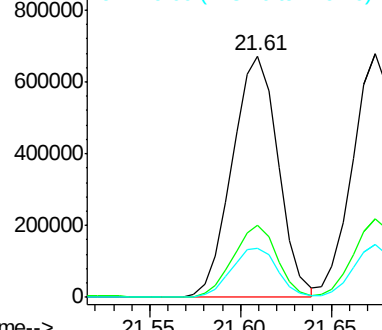
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.4	17.5	26.3



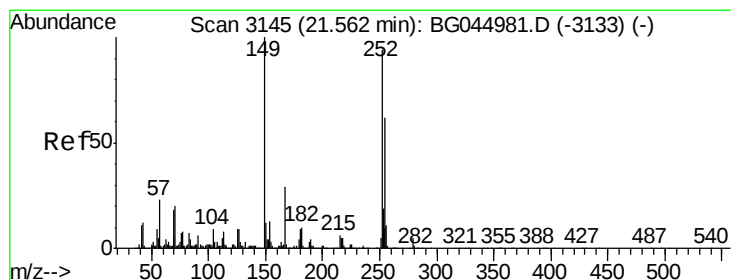
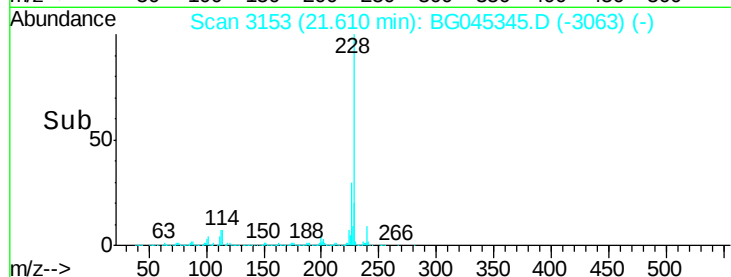
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 39.387 ng

RT: 21.52 min Scan# 3138

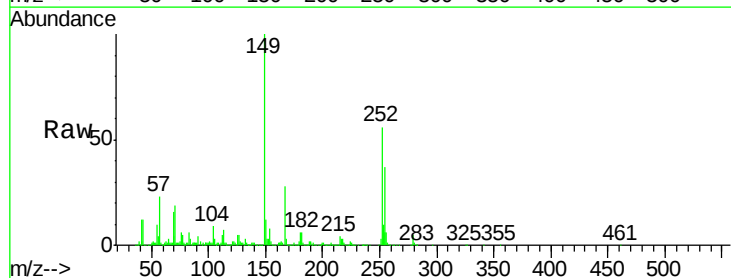
Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Tgt Ion:252 Resp: 466976

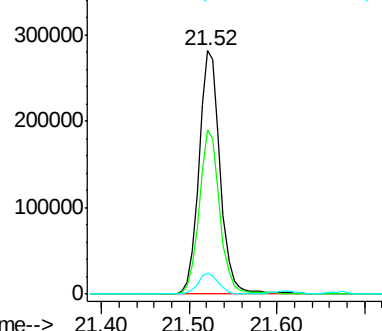
Ion	Ratio	Lower	Upper
252	100		
254	67.3	52.6	79.0
126	8.6	7.5	11.3



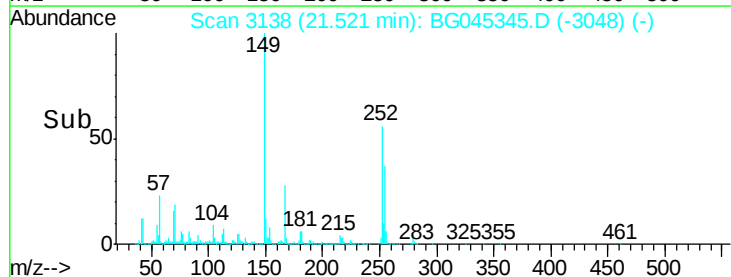
Abundance Ion 252.00 (251.70 to 252.70): E

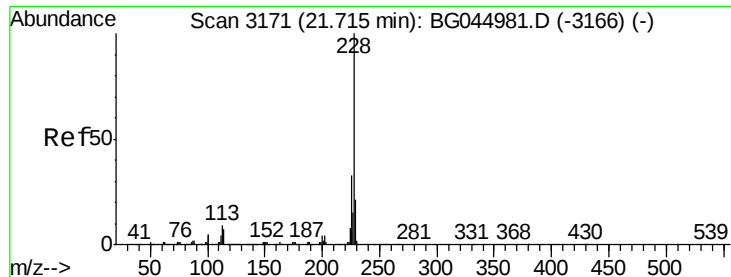
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 40.053 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

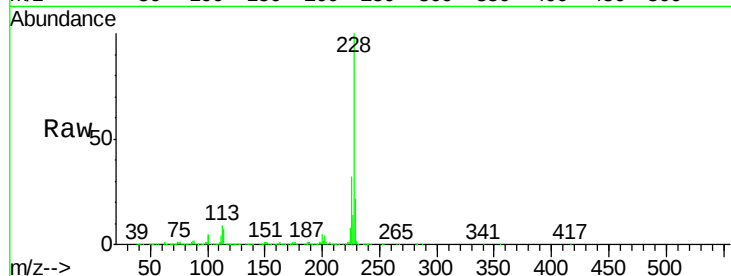
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1146348

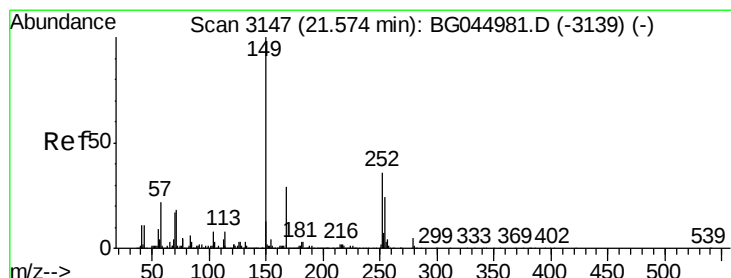
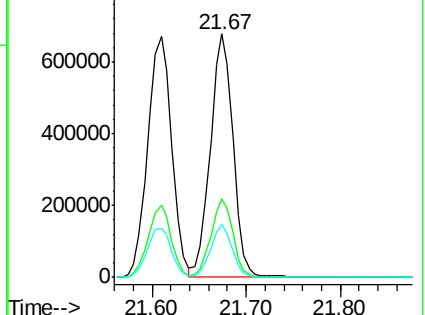
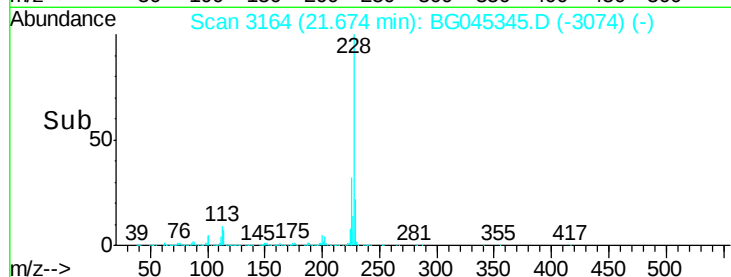
Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.2	39.4
229	21.7	17.0	25.6



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: 40.380 ng

RT: 21.53 min Scan# 3139

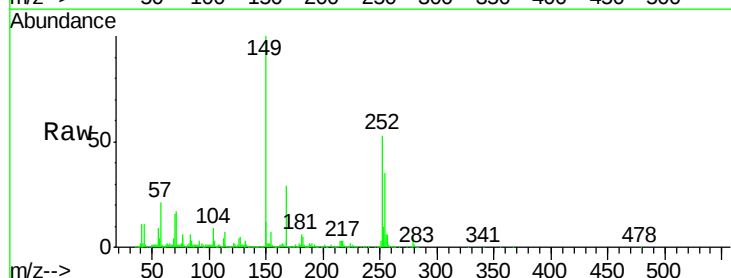
Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Tgt Ion:149 Resp: 729389

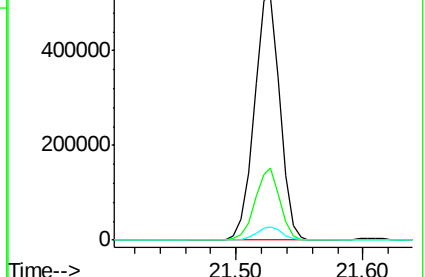
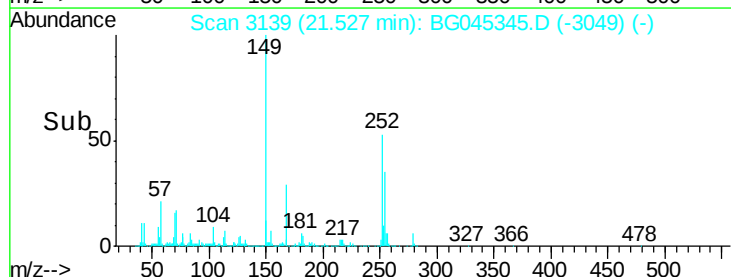
Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.4	35.0
279	5.5	4.3	6.5

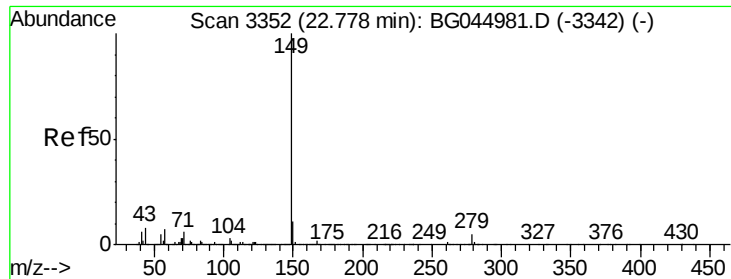


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.888 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

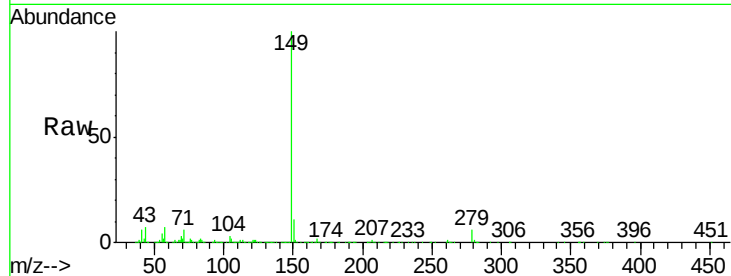
Tot Ion:149 Resp: 1245942

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

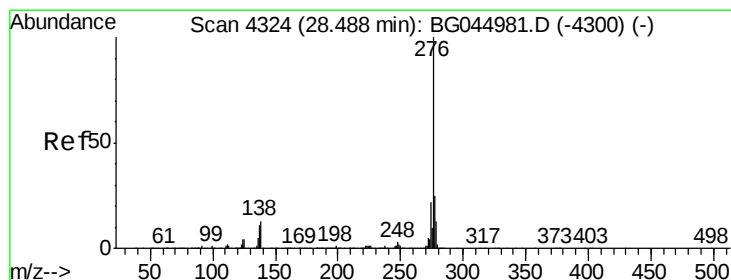
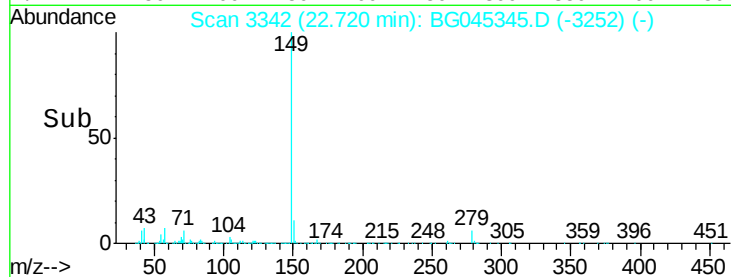
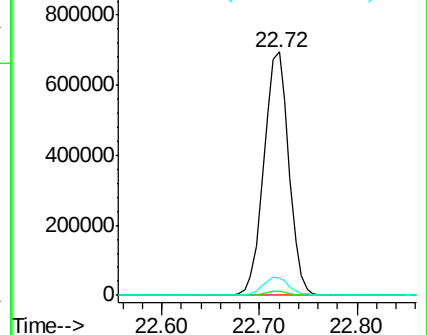
43 7.7 5.7 8.5



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.157 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

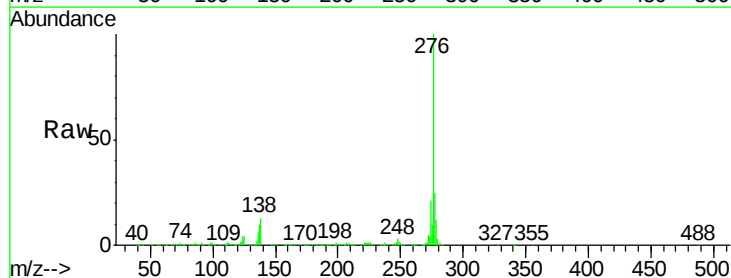
Tgt Ion:276 Resp: 1487946

Ion Ratio Lower Upper

276 100

138 10.2 9.6 14.4

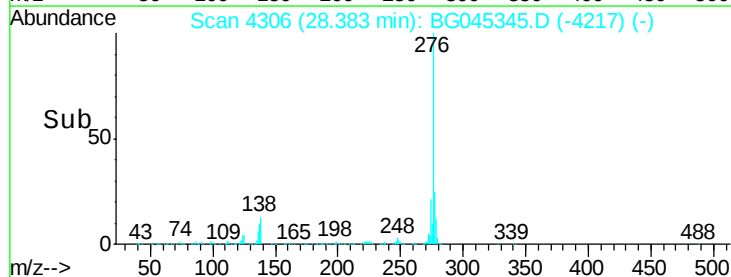
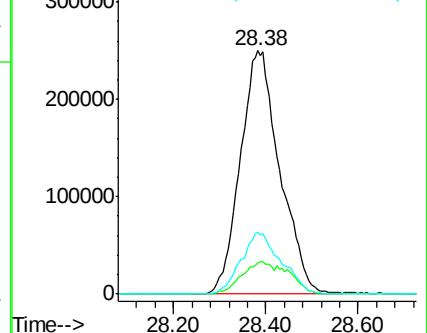
277 25.7 20.6 31.0

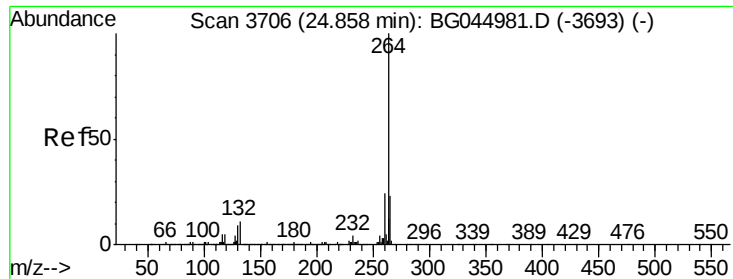


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

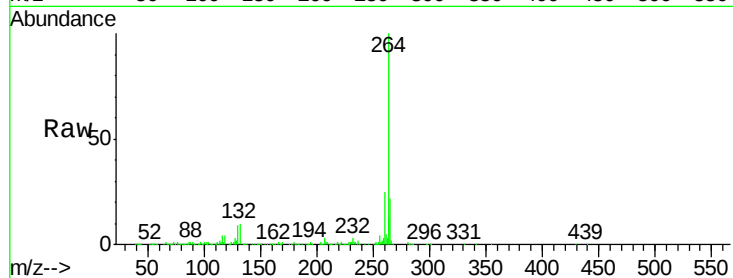
Tot Ion:264 Resp: 519073

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

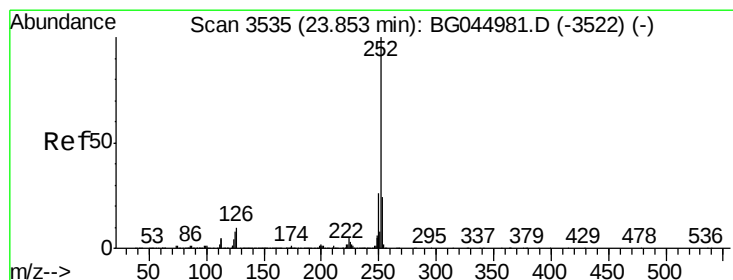
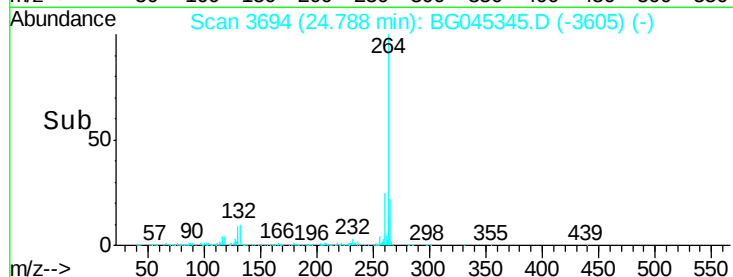
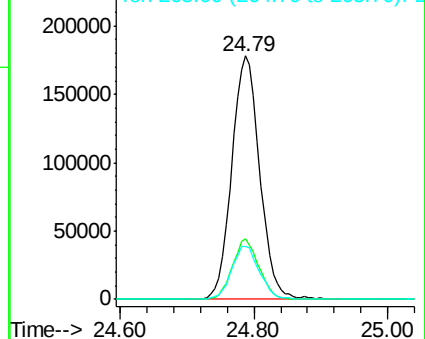
265 21.7 19.0 28.4



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



#88

Benzo(b)fluoranthene

Concen: 39.238 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

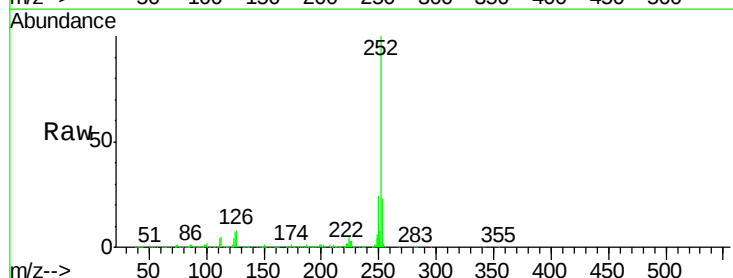
Tgt Ion:252 Resp: 1275792

Ion Ratio Lower Upper

252 100

253 22.5 18.8 28.2

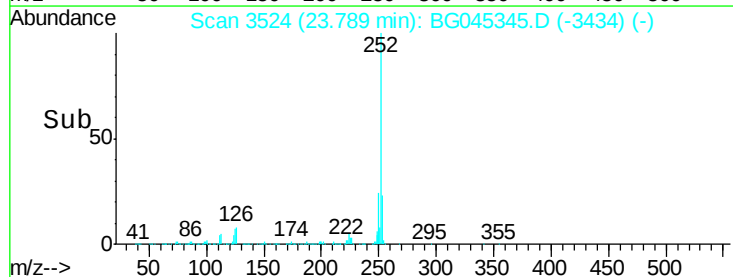
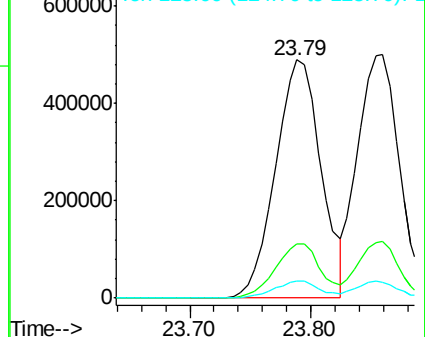
125 7.0 6.2 9.4

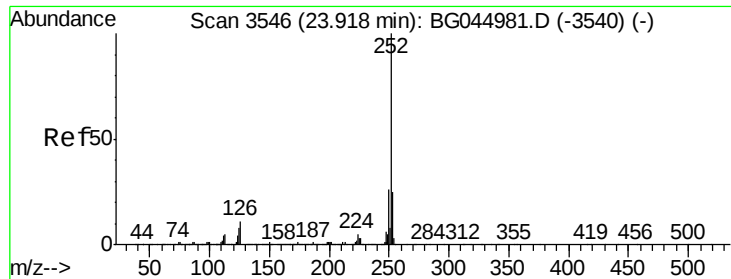


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.710 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

Instrument :

BNA_G

ClientSampleId :

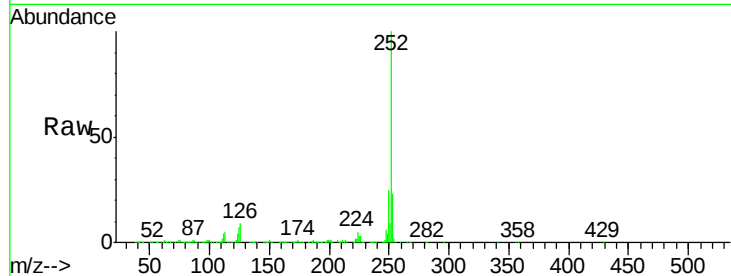
Tot Ion:252 Resp: 1196967

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

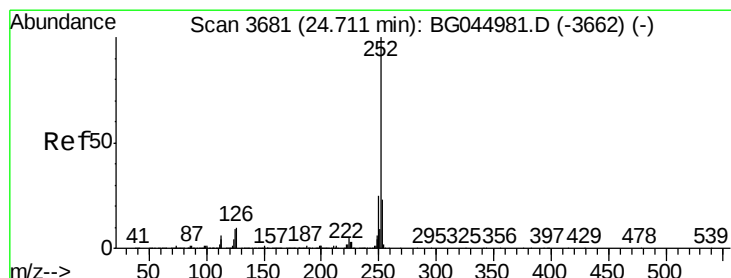
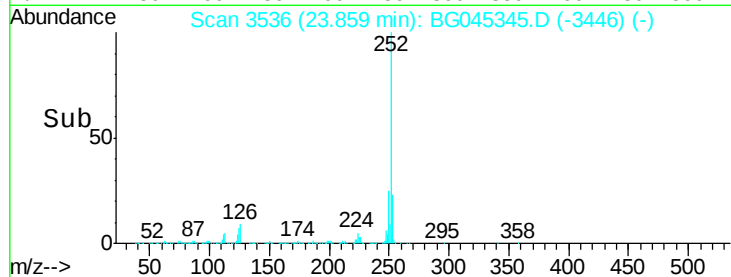
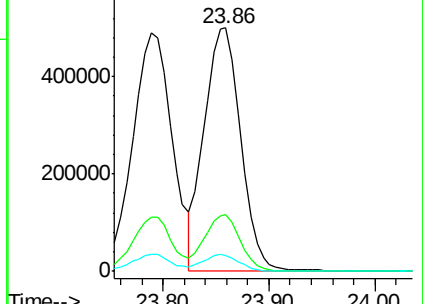
125 6.7 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.053 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG045345.D

Acq: 13 May 2020 3:04

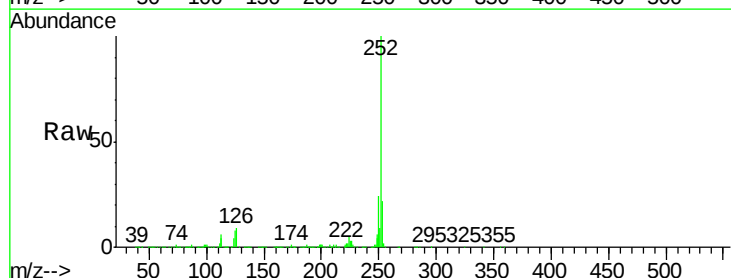
Tgt Ion:252 Resp: 1198892

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

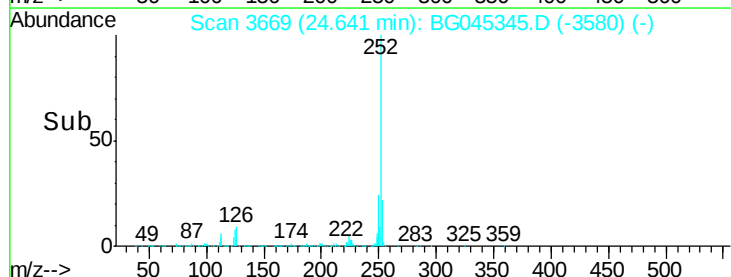
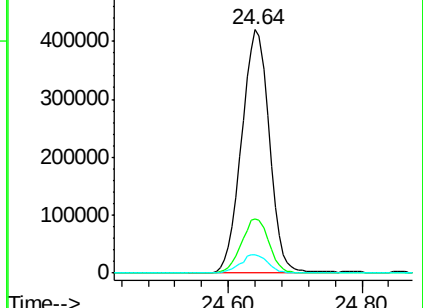
125 7.6 7.0 10.6

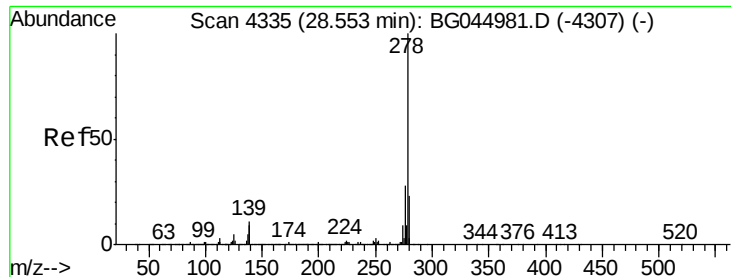


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

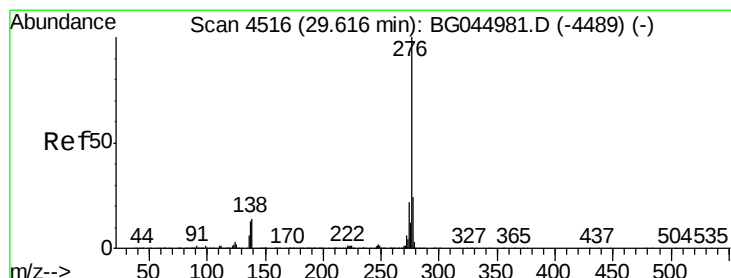
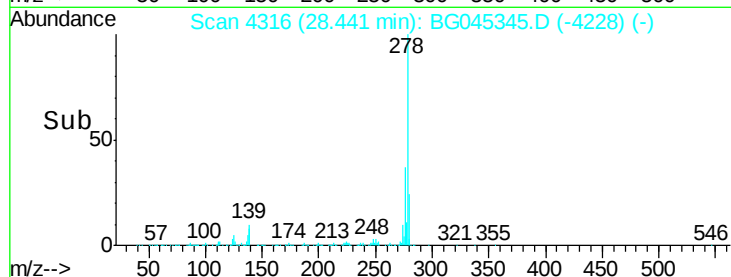
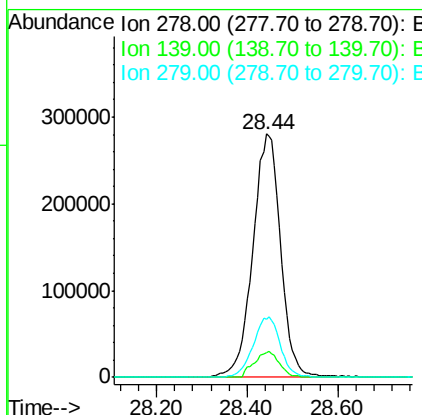
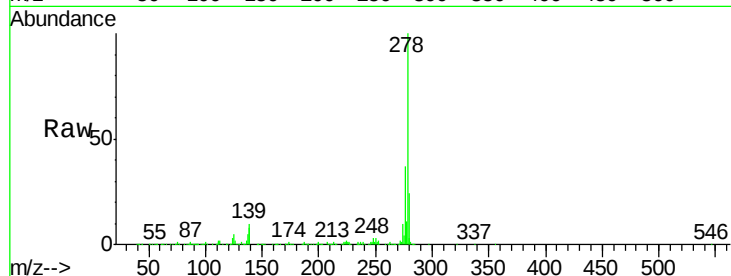




#91
Dibenzo(a,h)anthracene
Concen: 38.543 ng
RT: 28.44 min Scan# 4316
Delta R.T. -0.01 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1192270
Ion Ratio Lower Upper
278 100
139 10.0 9.0 13.6
279 23.7 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 38.225 ng
RT: 29.51 min Scan# 4498
Delta R.T. -0.00 min
Lab File: BG045345.D
Acq: 13 May 2020 3:04

Tgt Ion:276 Resp: 1185467
Ion Ratio Lower Upper
276 100
277 23.3 19.3 28.9
138 11.8 11.4 17.2

