

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045342.D
 Acq On : 12 May 2020 23:45
 Operator : CG/JU
 Sample : PB128808BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 13 01:07:25 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	7.97	152	59179	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	234692	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	173619	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	422575	20.00	ng	0.00
76) Chrysene-d12	21.63	240	402290	20.00	ng	0.00
87) Perylene-d12	24.79	264	449945	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	289579	80.79	ng	0.00
7) Phenol-d6	7.14	99	408170	76.64	ng	0.00
23) Nitrobenzene-d5	9.13	82	370147	71.96	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	198440	73.98	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	867446	73.26	ng	0.00
79) Terphenyl-d14	19.98	244	1576600	85.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	45979	28.863	ng	95
3) Pyridine	3.82	79	117100	23.874	ng	99
4) n-Nitrosodimethylamine	3.73	42	55664	37.046	ng	91
6) Aniline	7.29	93	189638	27.387	ng	99
8) 2-Chlorophenol	7.54	128	159213	41.328	ng	96
9) Benzaldehyde	7.10	77	116685	38.429	ng	98
10) Phenol	7.17	94	214555	40.259	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	144589	34.076	ng	97
12) 1,3-Dichlorobenzene	7.87	146	164455	36.227	ng	97
13) 1,4-Dichlorobenzene	8.01	146	164029	36.262	ng	97
14) 1,2-Dichlorobenzene	8.33	146	155485	35.930	ng	95
15) Benzyl Alcohol	8.21	79	163572	36.633	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	132522	31.817	ng	95
17) 2-Methylphenol	8.42	107	142869	34.746	ng	94
18) Hexachloroethane	9.06	117	62223	36.591	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	130411	34.625	ng	98
20) 3+4-Methylphenols	8.75	107	199757	34.708	ng	96
22) Acetophenone	8.79	105	237009	37.344	ng	# 97
24) Nitrobenzene	9.17	77	200339	37.998	ng	95
25) Isophorone	9.70	82	367031	34.845	ng	98
26) 2-Nitrophenol	9.89	139	87351	38.463	ng	94
27) 2,4-Dimethylphenol	9.95	122	150362	41.727	ng	90
28) bis(2-Chloroethoxy)methane	10.18	93	202284	36.551	ng	100
29) 2,4-Dichlorophenol	10.43	162	166617	40.044	ng	95
30) 1,2,4-Trichlorobenzene	10.64	180	175270	37.205	ng	98
31) Naphthalene	10.83	128	481921	37.536	ng	99
32) Benzoic acid	10.10	122	77468	29.452	ng	97
33) 4-Chloroaniline	10.93	127	111099	18.555	ng	97
34) Hexachlorobutadiene	11.13	225	119145	36.888	ng	98
35) Caprolactam	11.70	113	31406	18.965	ng	# 83
36) 4-Chloro-3-methylphenol	12.07	107	191501	39.178	ng	97
37) 2-Methylnaphthalene	12.44	142	366631	36.791	ng	99
38) 1-Methylnaphthalene	12.66	142	349508	37.152	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	202881	36.293	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	270330	77.372	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	148984	37.763	ng	96
44) 2,4,5-Trichlorophenol	13.12	196	158231	35.235	ng	97
46) 1,1'-Biphenyl	13.45	154	476787	36.131	ng	100
47) 2-Chloronaphthalene	13.49	162	363152	36.015	ng	98
48) 2-Nitroaniline	13.69	65	124236	37.448	ng	97
49) Acenaphthylene	14.34	152	626376	38.137	ng	99
50) Dimethylphthalate	14.07	163	516471	36.534	ng	99
51) 2,6-Dinitrotoluene	14.19	165	118818	37.577	ng	98
52) Acenaphthene	14.68	154	374294	33.682	ng	97
53) 3-Nitroaniline	14.52	138	76989	22.200	ng	93
54) 2,4-Dinitrophenol	14.72	184	143929	76.549	ng	95
55) Dibenzofuran	15.02	168	600563	37.069	ng	98
56) 4-Nitrophenol	14.83	139	198029	73.646	ng	98
57) 2,4-Dinitrotoluene	14.97	165	167755	36.303	ng	# 94
58) Fluorene	15.67	166	500154	37.795	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	155425	38.897	ng	98
60) Diethylphthalate	15.44	149	531108	36.034	ng	100
61) 4-Chlorophenyl-phenylether	15.66	204	275838	36.213	ng	100
62) 4-Nitroaniline	15.68	138	118499	32.944	ng	92
63) Azobenzene	15.95	77	509444	37.490	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	106739	38.428	ng	96
66) n-Nitrosodiphenylamine	15.87	169	447132	36.827	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	193071	35.416	ng	97
68) Hexachlorobenzene	16.68	284	209391	37.035	ng	100
69) Atrazine	16.82	200	174764	38.807	ng	98
70) Pentachlorophenol	17.02	266	251823	72.604	ng	96
71) Phenanthrene	17.41	178	828377	38.148	ng	99
72) Anthracene	17.50	178	852789	39.150	ng	98
73) Carbazole	17.76	167	788688	35.679	ng	99
74) Di-n-butylphthalate	18.33	149	953639	38.795	ng	99
75) Fluoranthene	19.42	202	1066910	41.293	ng	99
77) Benzidine	19.59	184	562566	48.781	ng	97
78) Pyrene	19.78	202	1064201	38.372	ng	97
80) Butylbenzylphthalate	20.67	149	438841	38.173	ng	98
81) Benzo(a)anthracene	21.61	228	1025276	39.322	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	255808	24.649	ng	99
83) Chrysene	21.67	228	974424	38.895	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	619981	39.212	ng	99
85) Di-n-octyl phthalate	22.72	149	1054811	38.579	ng	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1284579	38.620	ng	# 97
88) Benzo(b)fluoranthene	23.79	252	1065328	37.799	ng	99
89) Benzo(k)fluoranthene	23.86	252	1057478	39.453	ng	98
90) Benzo(a)pyrene	24.64	252	1003224	37.700	ng	# 96
91) Dibenzo(a,h)anthracene	28.44	278	1042736	38.888	ng	97
92) Benzo(g,h,i)perylene	29.50	276	1065420	39.633	ng	99

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

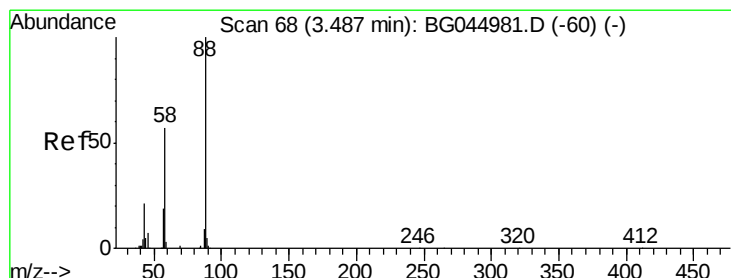
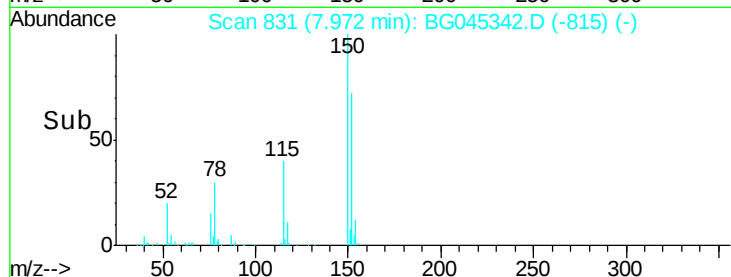
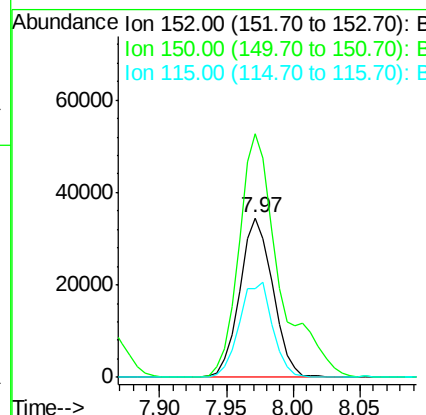
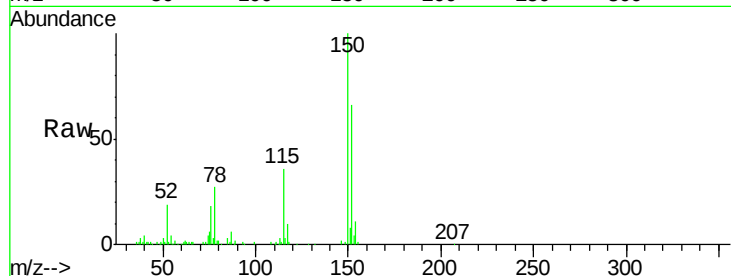


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :

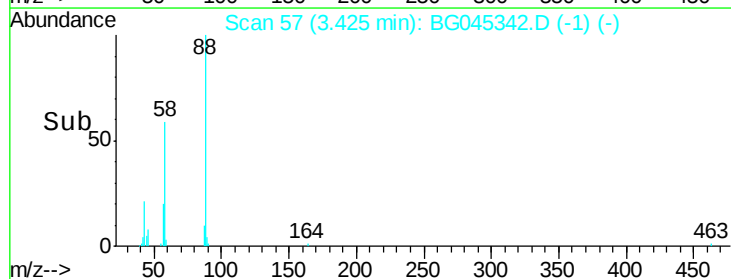
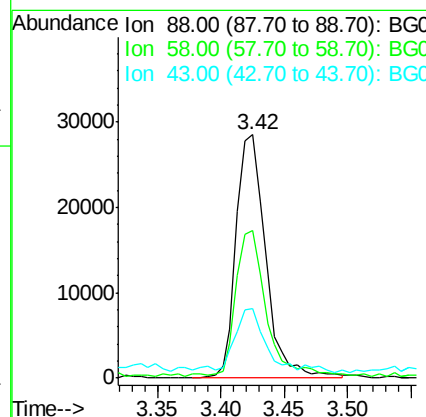
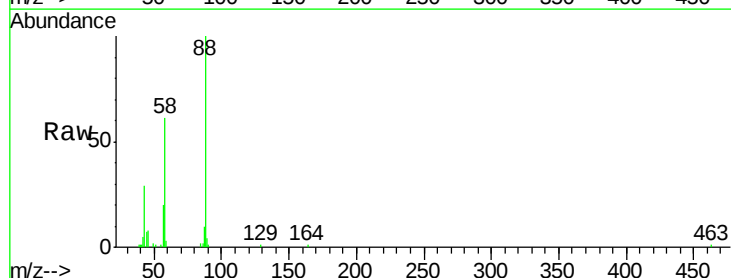
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.6	185.4
115	55.6	49.1	73.7

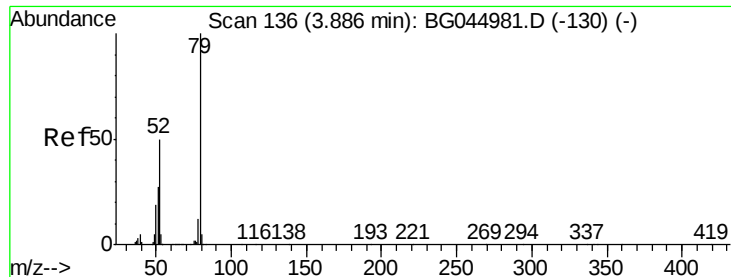


#2

1,4-Dioxane
Concen: 28.863 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	46.6	69.8
43	25.1	17.5	26.3





#3

Pvridine

Concen: 23.874 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

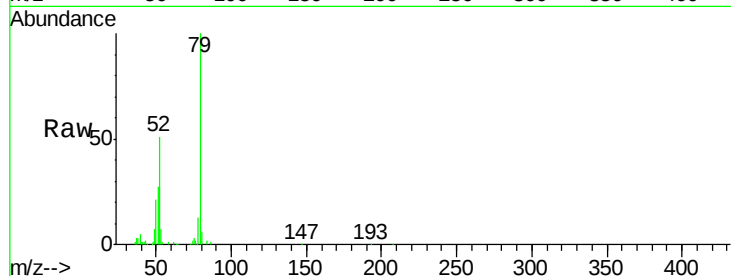
Tot Ion: 79 Resp: 117100

Ion Ratio Lower Upper

79 100

52 50.8 39.8 59.6

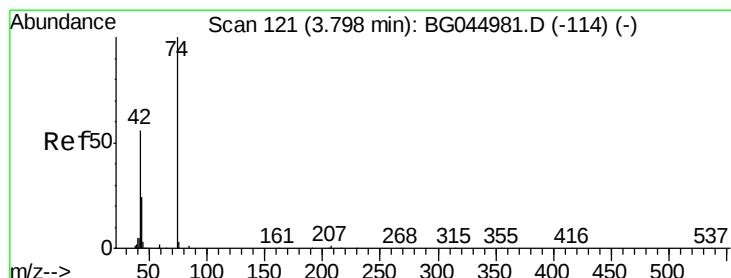
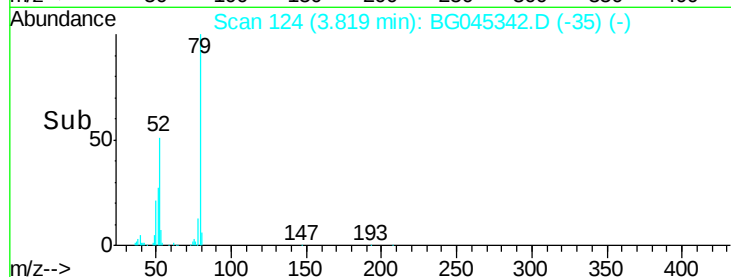
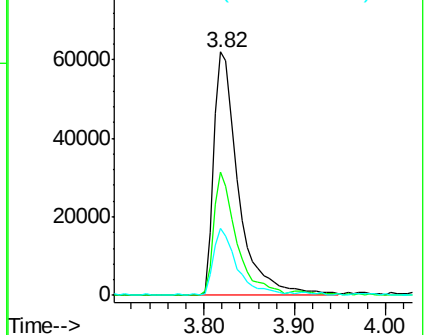
51 27.3 21.4 32.2



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: 37.046 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

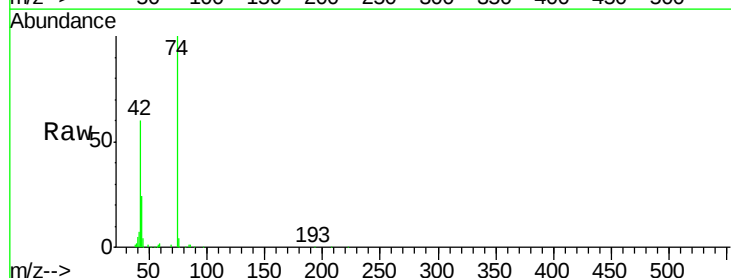
Tgt Ion: 42 Resp: 55664

Ion Ratio Lower Upper

42 100

74 165.3 143.0 214.6

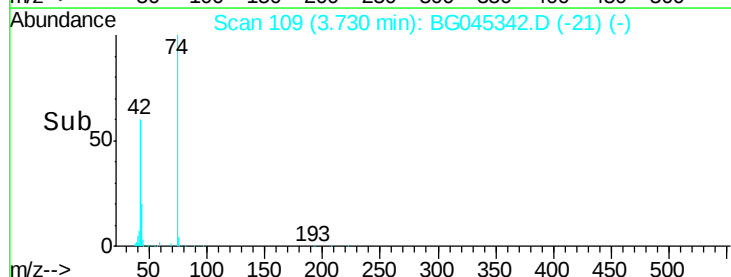
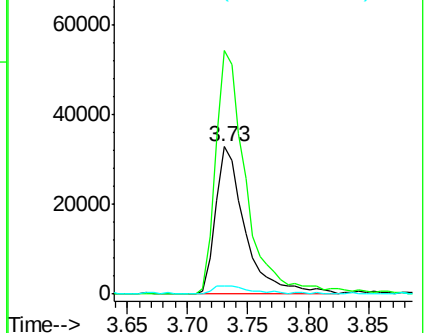
44 5.9 4.6 6.8



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: 80.785 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

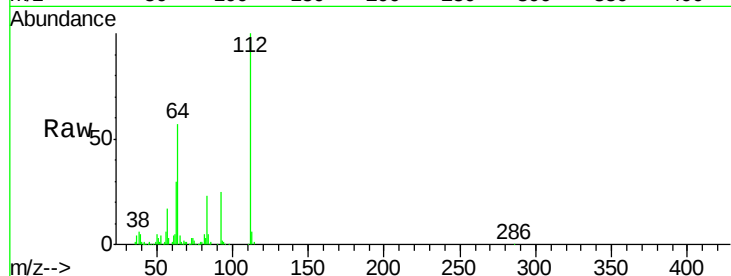
Tot Ion:112 Resp: 289579

Ion Ratio Lower Upper

112 100

64 57.3 42.4 63.6

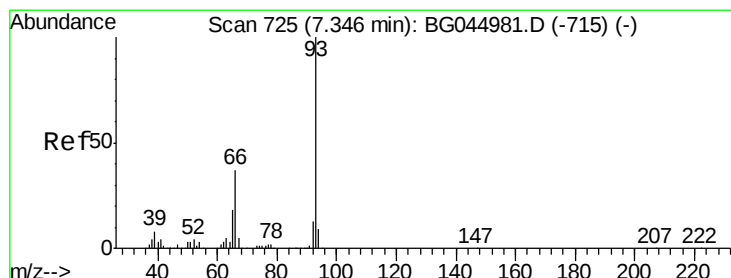
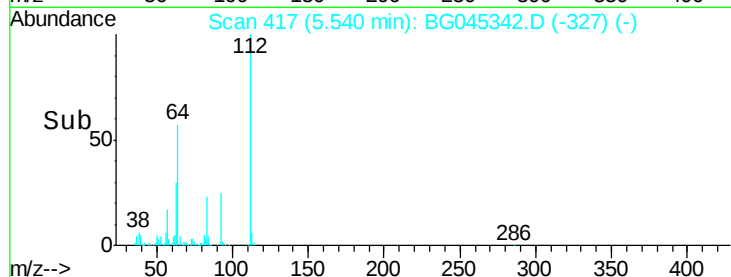
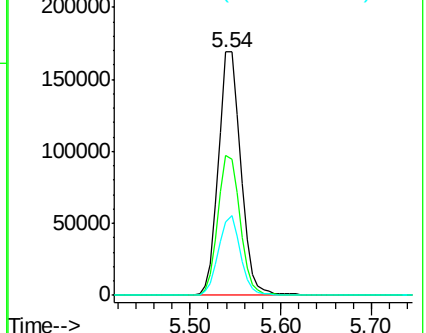
63 30.1 23.1 34.7



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: 27.387 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

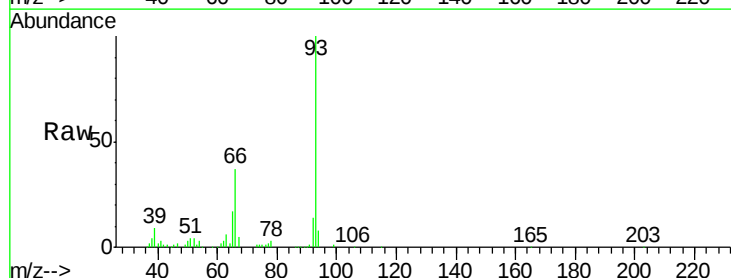
Tgt Ion: 93 Resp: 189638

Ion Ratio Lower Upper

93 100

66 37.4 29.8 44.8

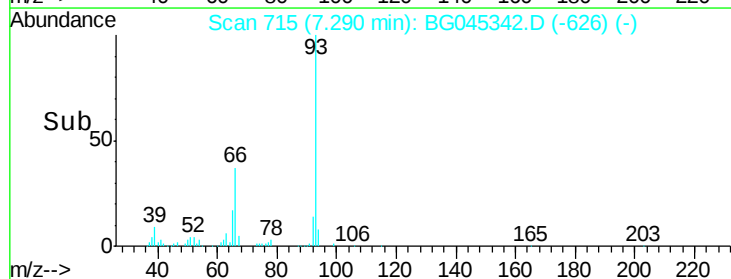
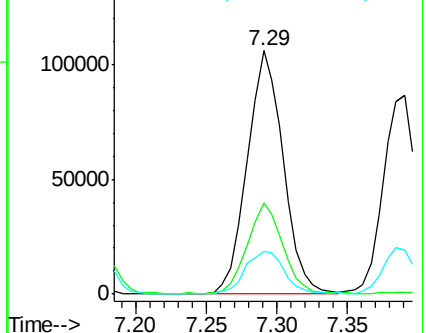
65 17.3 14.6 22.0

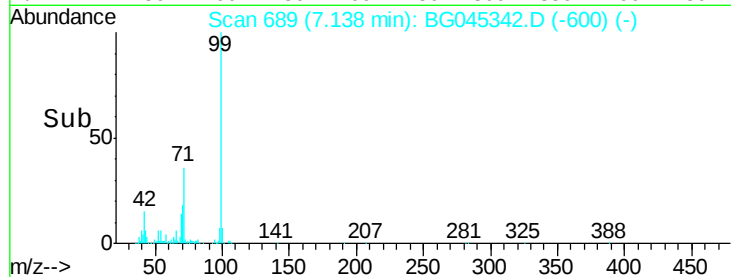
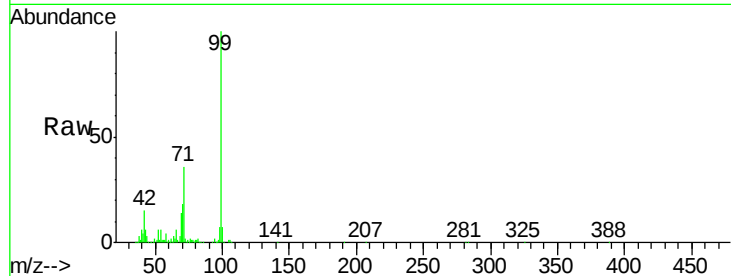


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.641 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

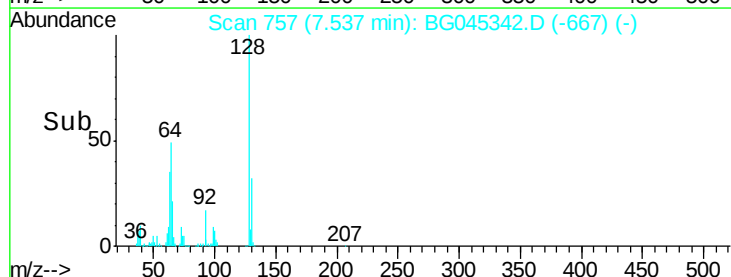
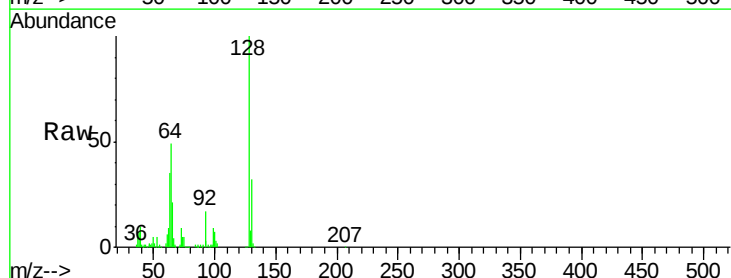
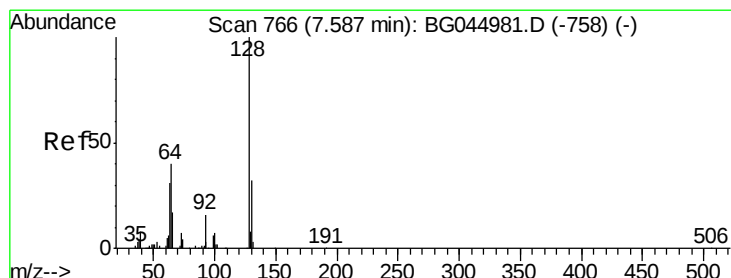
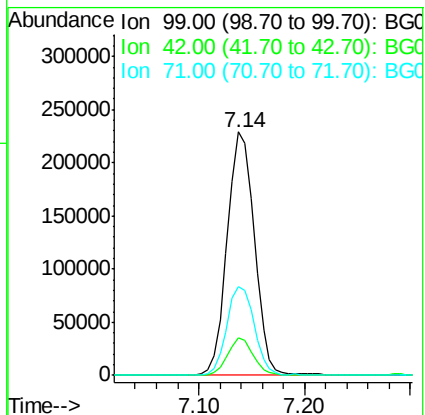
Tot Ion: 99 Resp: 408170

Ion Ratio Lower Upper

99 100

42 15.2 11.3 16.9

71 36.3 28.3 42.5



#8

2-Chlorophenol

Concen: 41.328 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

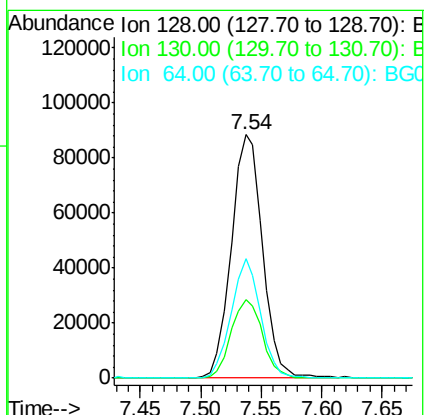
Tgt Ion: 128 Resp: 159213

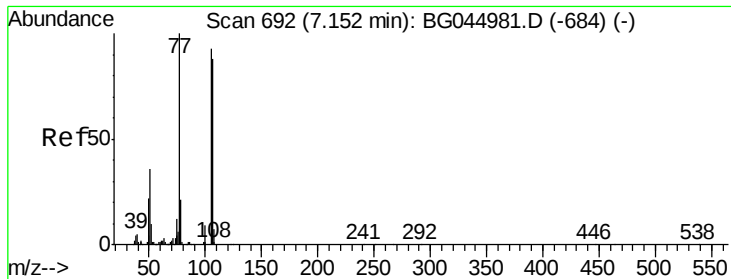
Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

64 49.1 24.4 64.4





#9

Benzaldehyde

Concen: 38.429 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

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ClientSampleId :

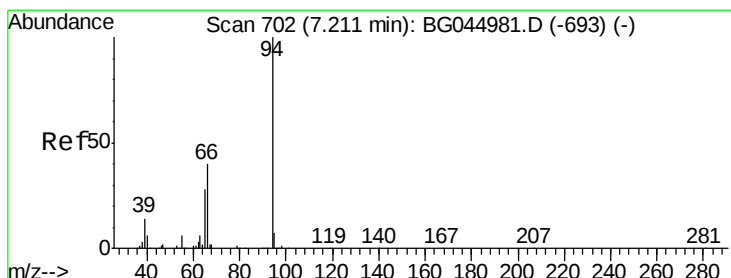
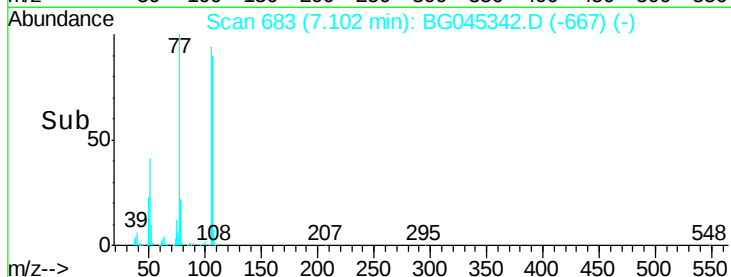
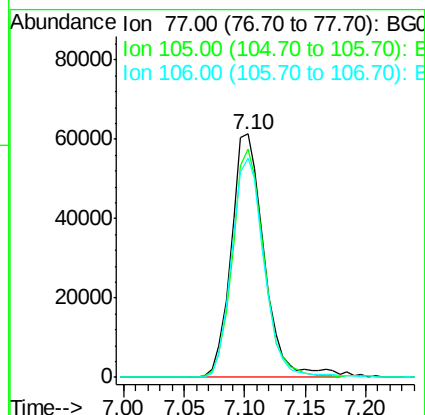
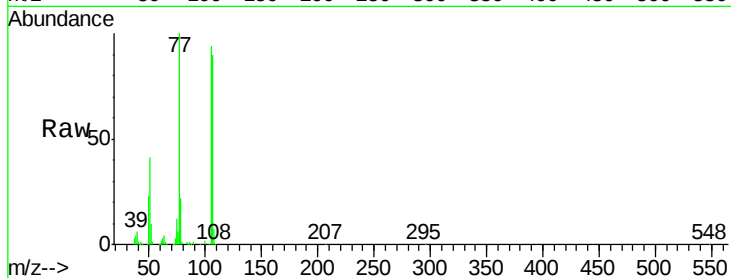
Tot Ion: 77 Resp: 11685

Ion Ratio Lower Upper

77 100

105 94.0 72.9 112.9

106 90.2 67.6 107.6



#10

Phenol

Concen: 40.259 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

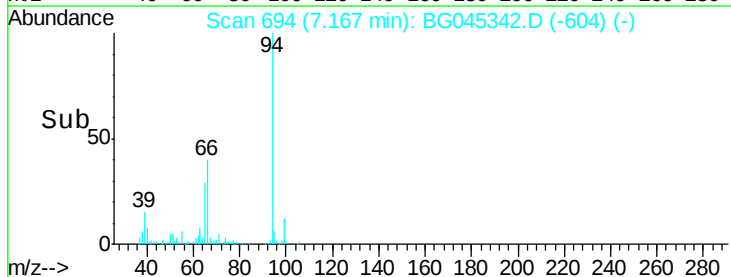
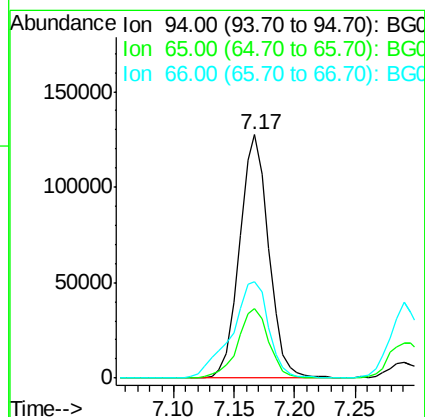
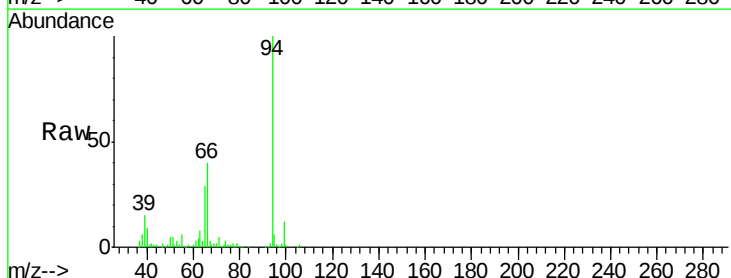
Tgt Ion: 94 Resp: 214555

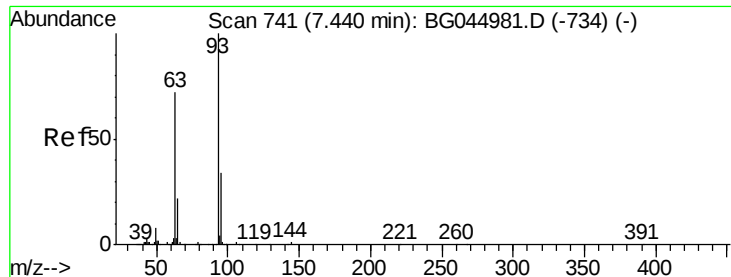
Ion Ratio Lower Upper

94 100

65 28.6 8.2 48.2

66 39.8 20.4 60.4

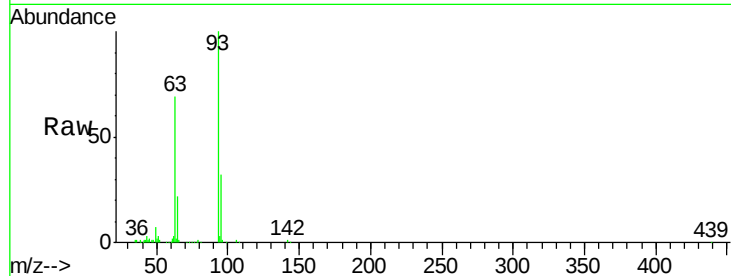




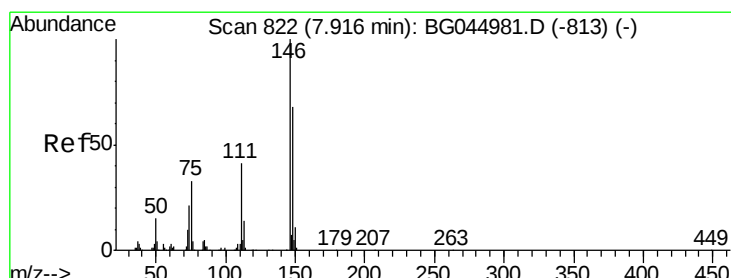
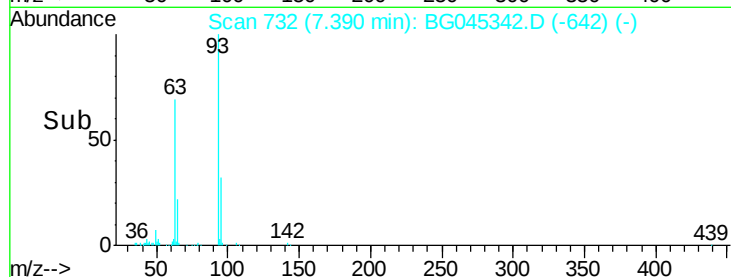
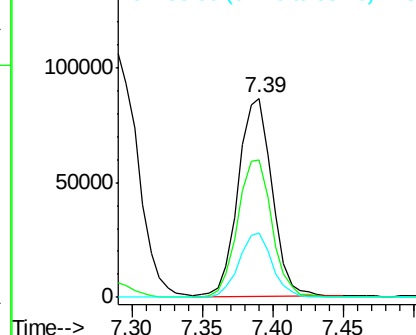
#11
bis(2-Chloroethyl)ether
Concen: 34.076 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	Resp	144589
Ion	Ratio	Lower	Upper
93	100		
63	69.0	51.8	91.8
95	32.2	13.8	53.8

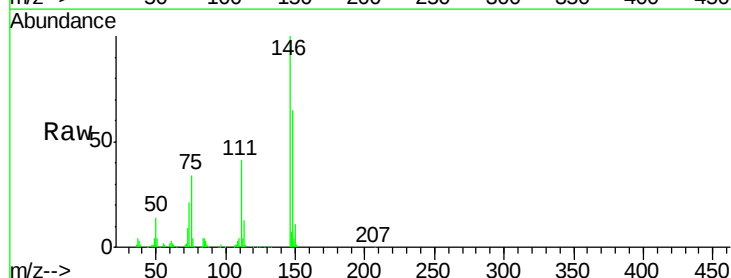


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

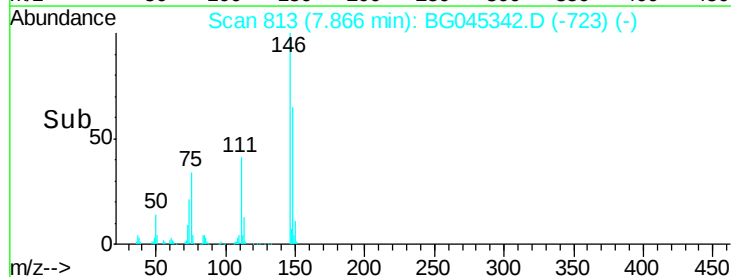
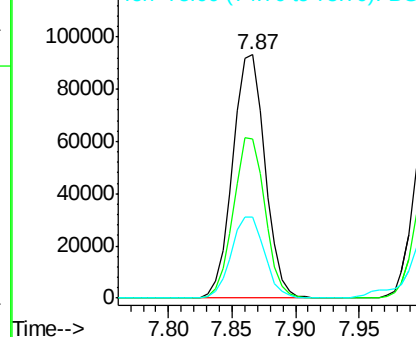


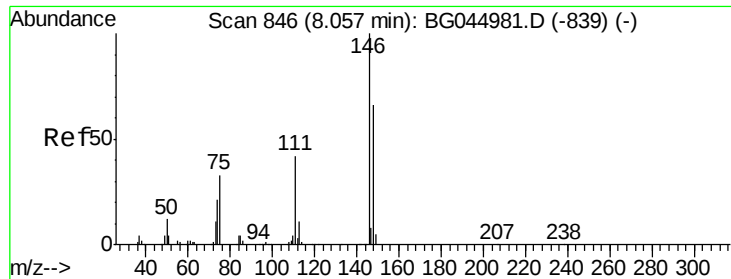
#12
1,3-Dichlorobenzene
Concen: 36.227 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	146	Resp	164455
Ion	Ratio	Lower	Upper
146	100		
148	65.3	54.6	81.8
75	33.5	26.0	39.0



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





#13

1,4-Dichlorobenzene

Concen: 36.262 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

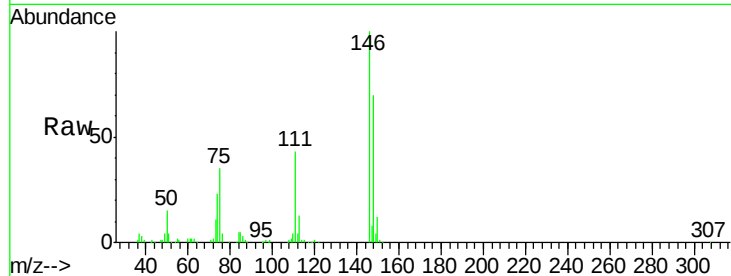
Tot Ion:146 Resp: 164029

Ion Ratio Lower Upper

146 100

148 69.8 53.3 79.9

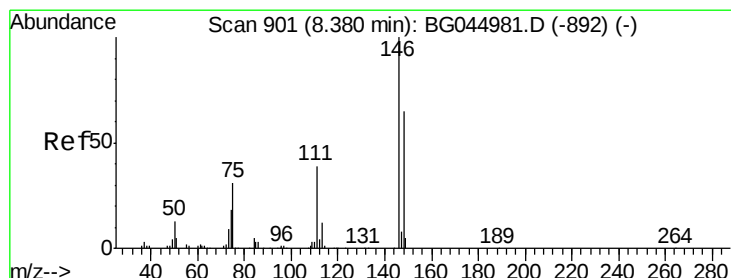
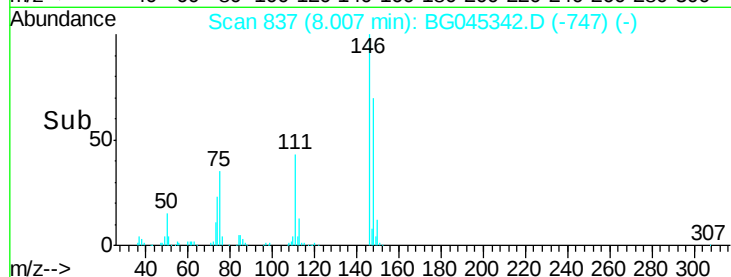
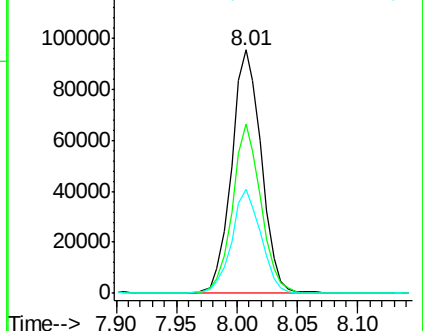
111 42.9 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.930 ng

RT: 8.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

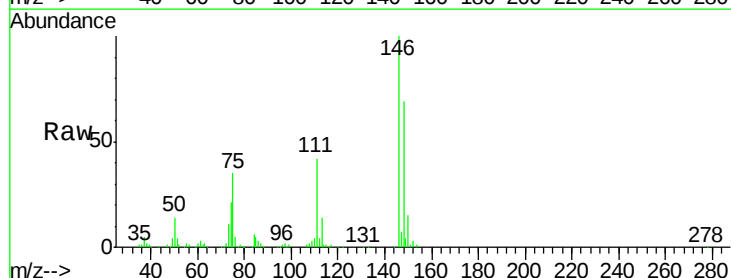
Tgt Ion:146 Resp: 155485

Ion Ratio Lower Upper

146 100

148 69.3 51.9 77.9

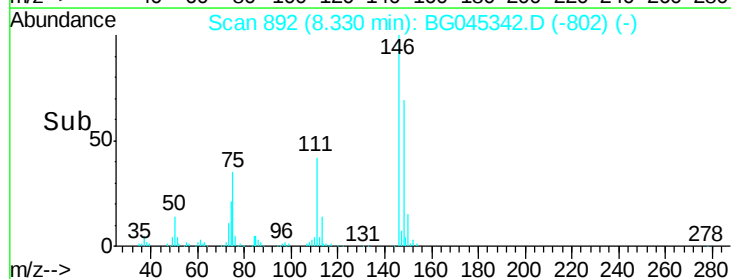
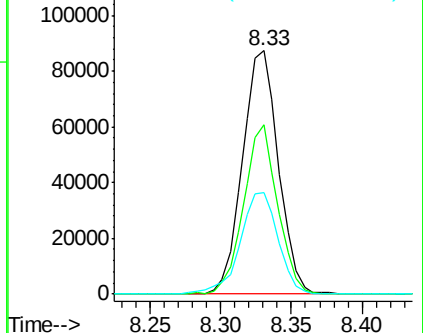
111 41.6 31.3 46.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.633 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

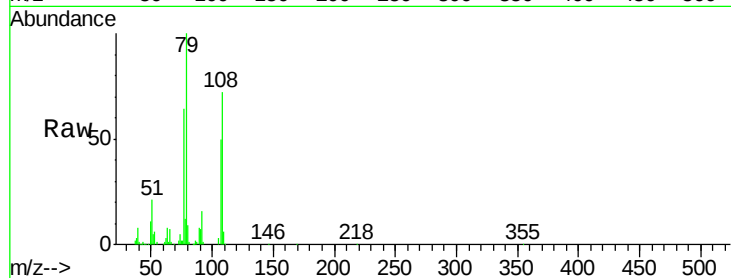
Tot Ion: 79 Resp: 163572

Ion Ratio Lower Upper

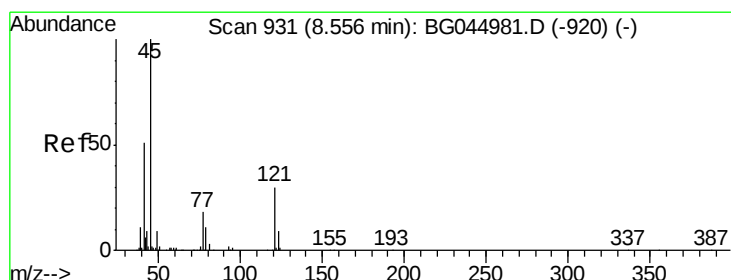
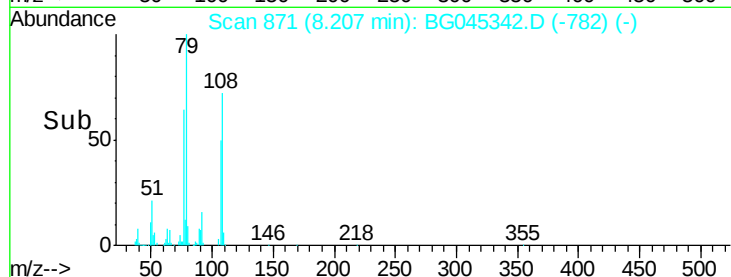
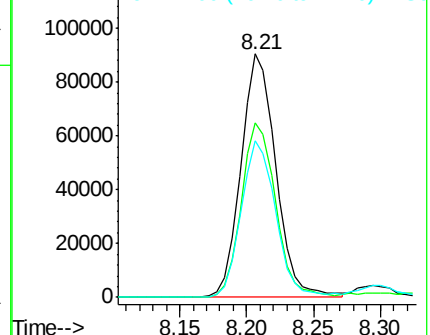
79 100

108 71.6 52.7 79.1

77 64.1 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.817 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

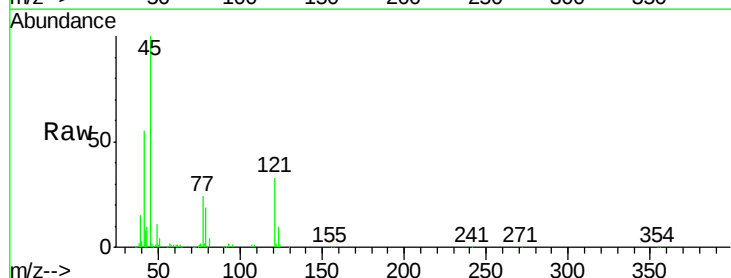
Tgt Ion: 45 Resp: 132522

Ion Ratio Lower Upper

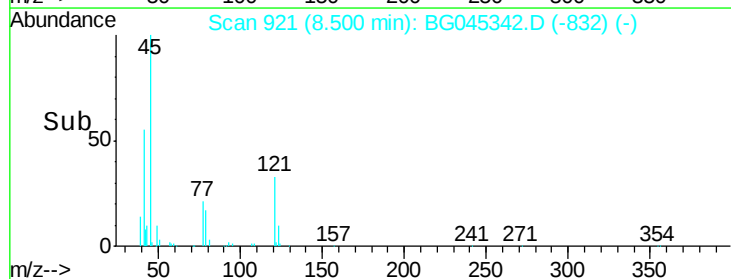
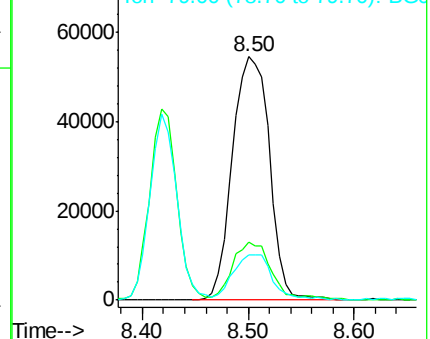
45 100

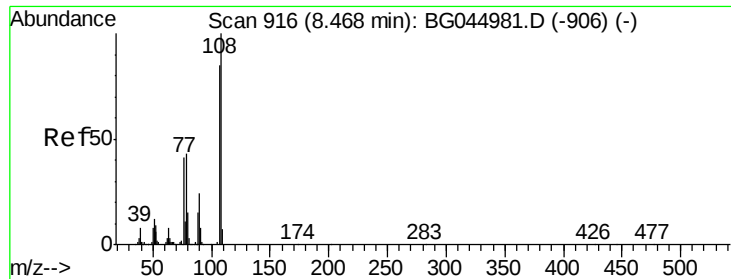
77 23.8 1.9 41.9

79 18.5 0.0 35.5



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





#17

2-Methylphenol

Concen: 34.746 ng

RT: 8.42 min Scan# 907

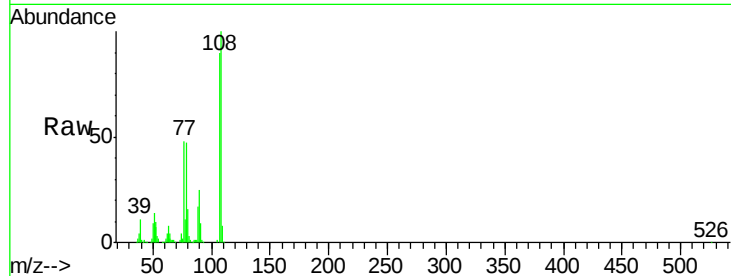
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	93.8	140.6
77	54.0	38.5	57.7
79	52.5	40.1	60.1



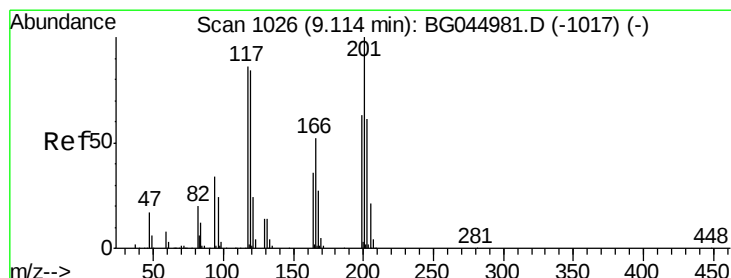
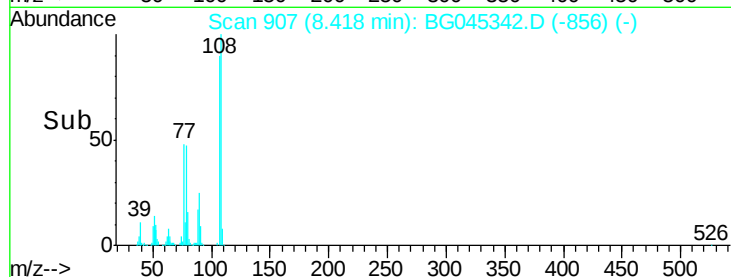
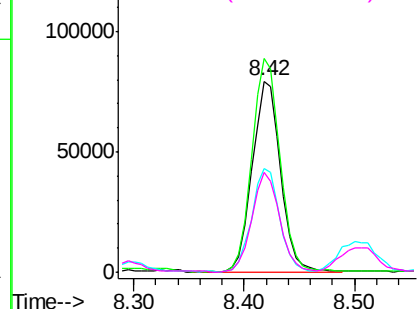
Abundance

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): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.591 ng

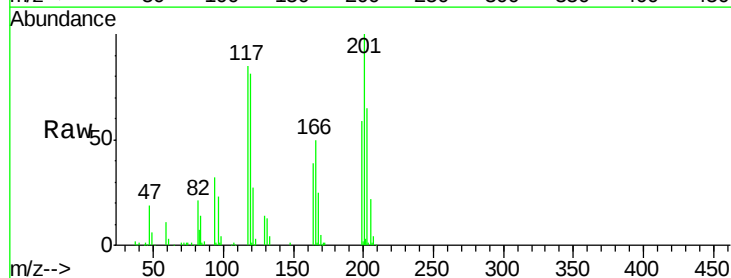
RT: 9.06 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.3	117.5
201	118.1	92.9	139.3

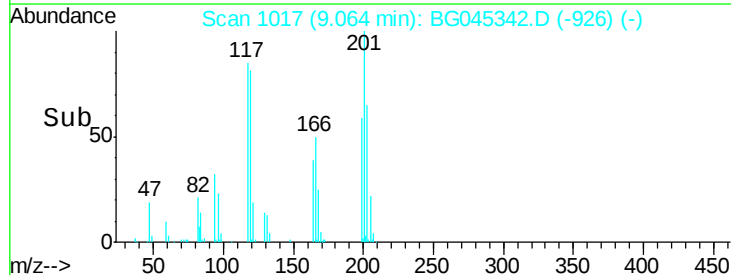
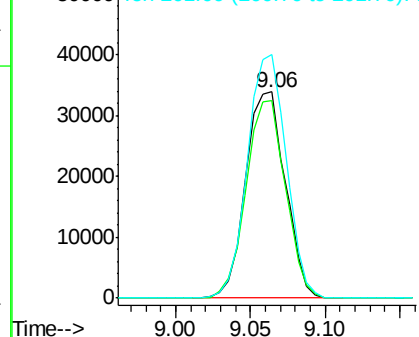


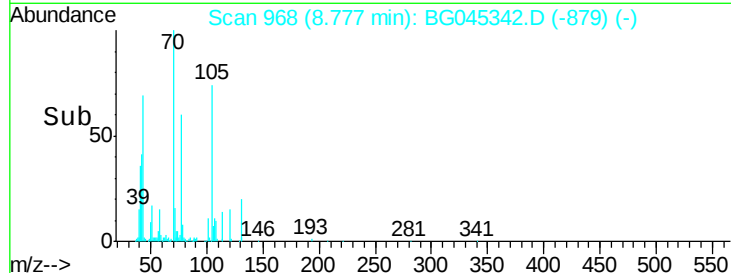
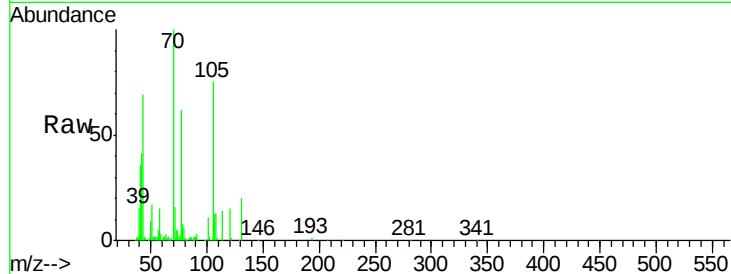
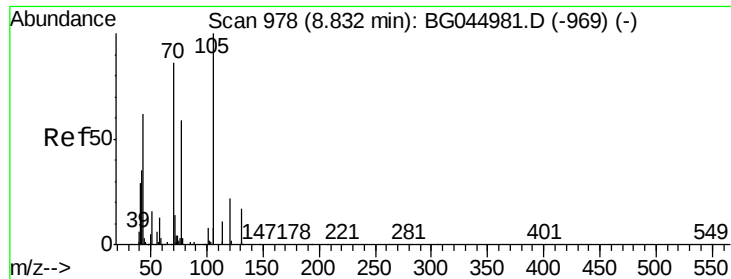
Abundance

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

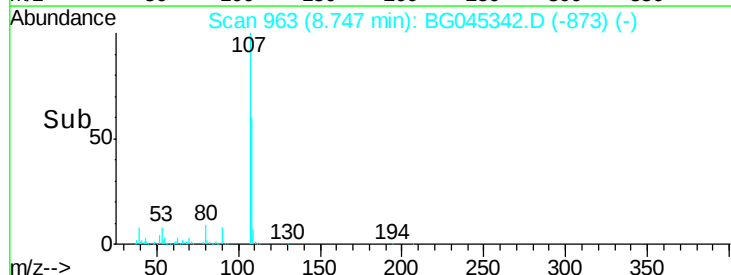
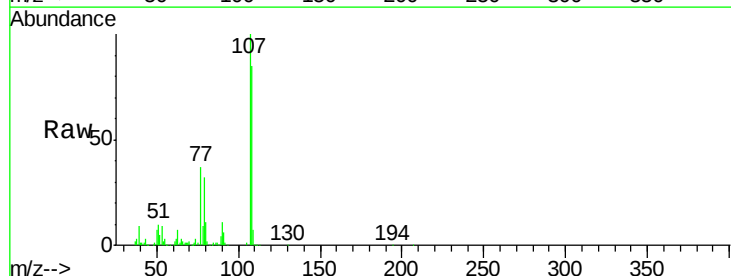
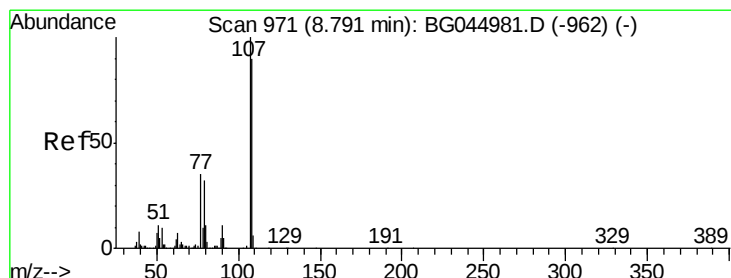
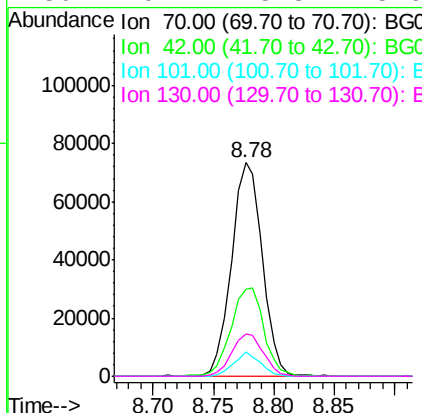




#19
n-Nitroso-di-n-propylamine
Concen: 34.625 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

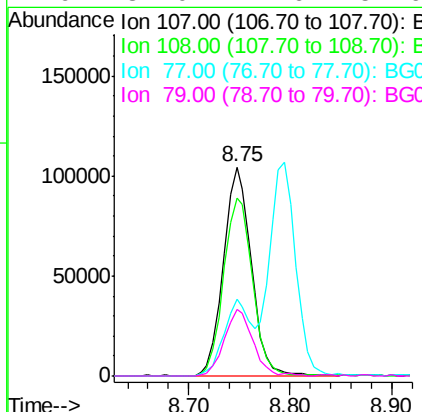
Instrument :
BNA_G
ClientSampleId :

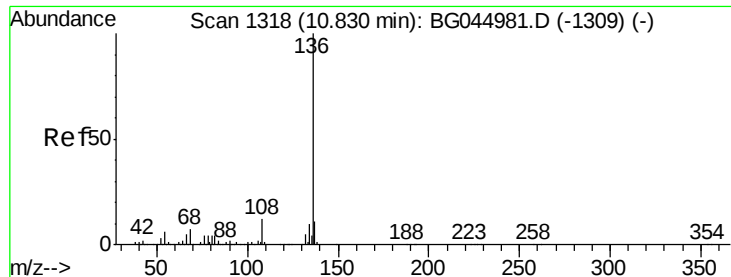
Tot Ion:	70	Resp:	130411
Ion	Ratio	Lower	Upper
70	100		
42	40.6	33.3	49.9
101	11.3	7.8	11.8
130	19.7	15.8	23.6



#20
3+4-Methylphenols
Concen: 34.708 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion:	107	Resp:	199757
Ion	Ratio	Lower	Upper
107	100		
108	85.0	69.9	109.9
77	36.9	15.2	55.2
79	32.0	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 234692

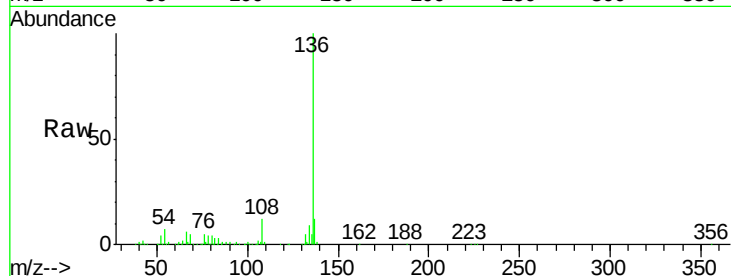
Ion Ratio Lower Upper

136 100

137 12.4 8.6 13.0

54 6.7 4.8 7.2

68 5.0 5.2 7.8#

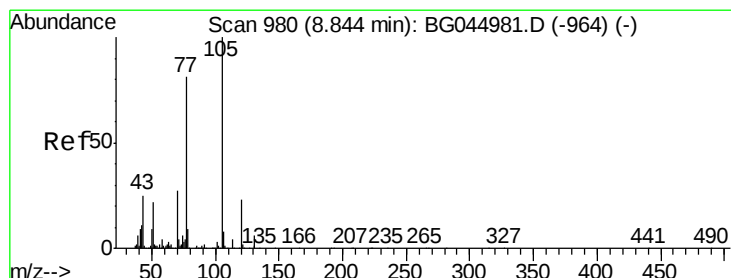
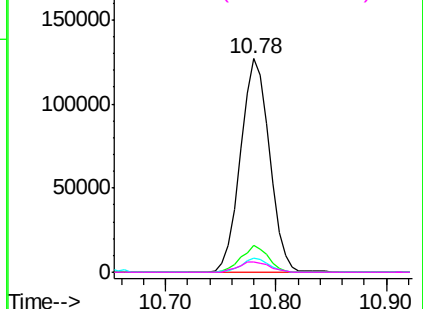
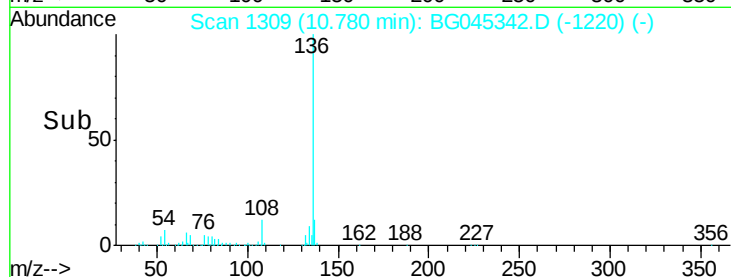


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.344 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:105 Resp: 237009

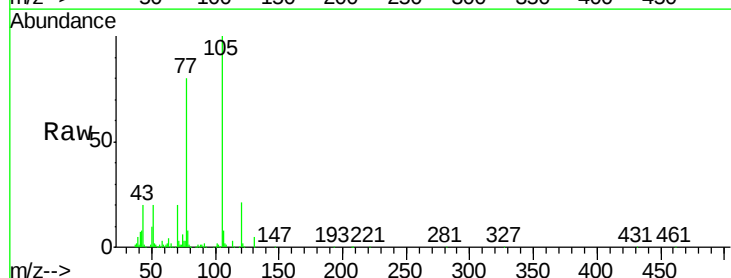
Ion Ratio Lower Upper

105 100

71 3.1 3.3 4.9#

51 20.2 17.3 25.9

120 21.1 18.4 27.6

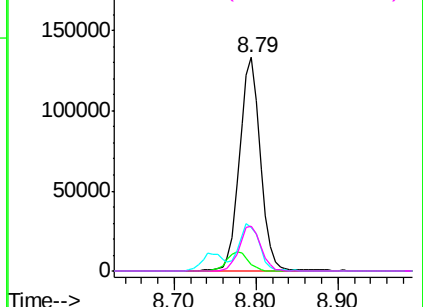
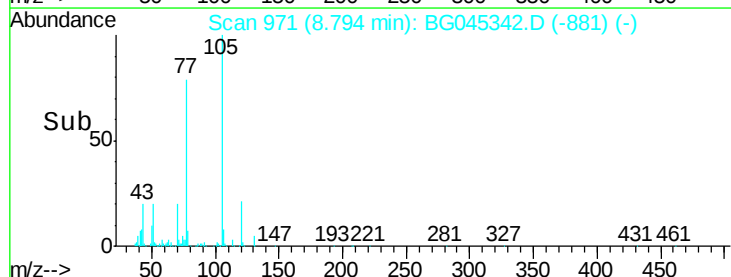


Abundance Ion 105.00 (104.70 to 105.70): E

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

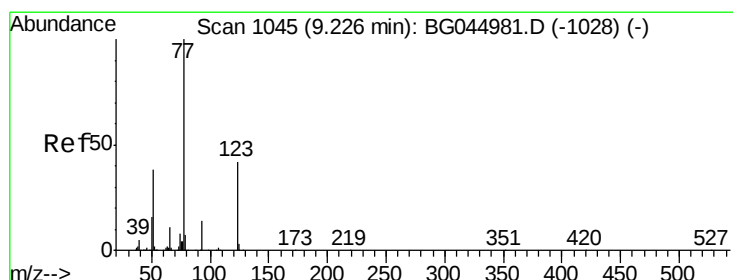
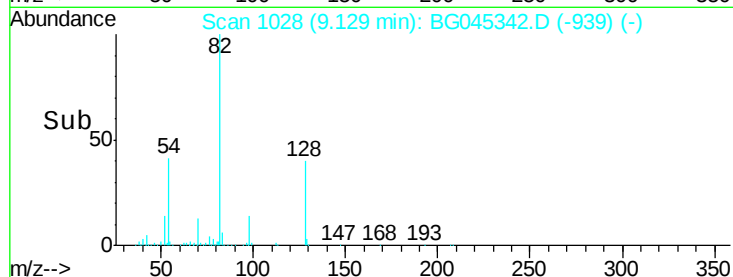
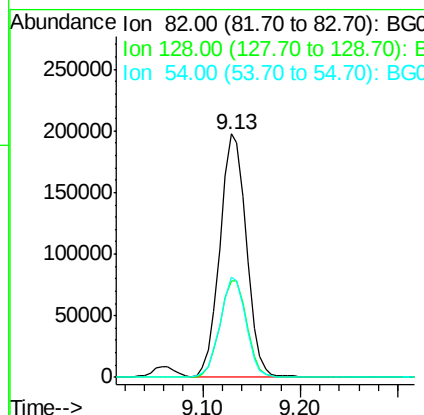
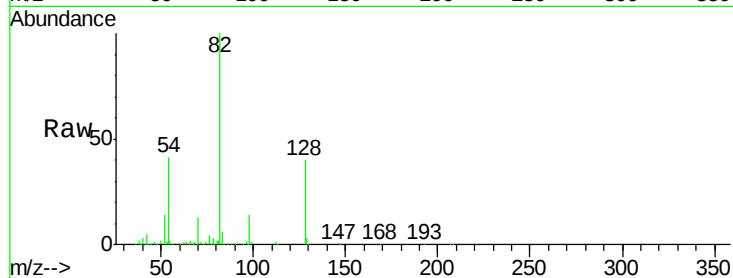




#23
 Nitrobenzene-d5
 Concen: 71.964 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

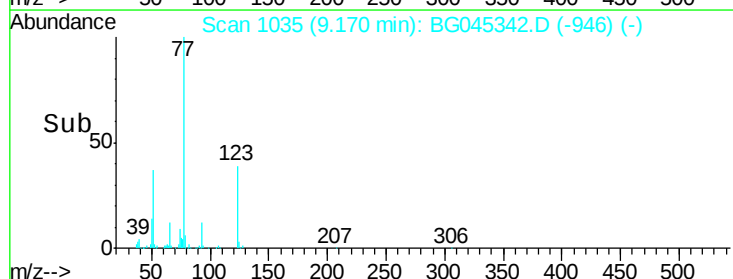
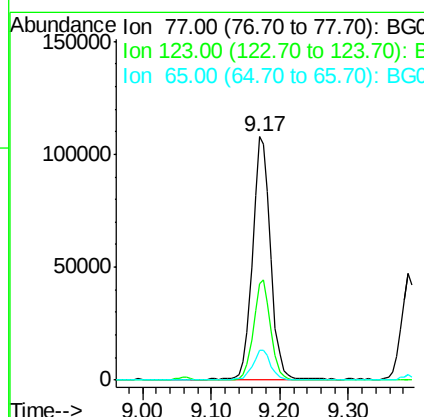
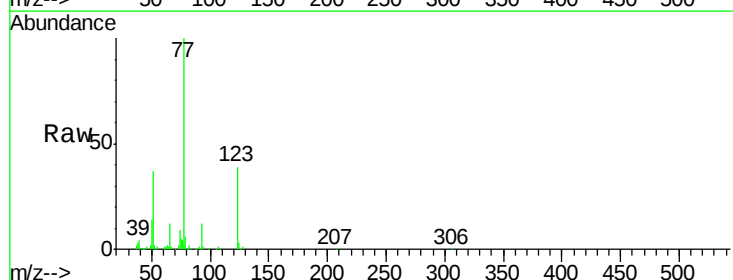
Instrument :
 BNA_G
 ClientSampleId :

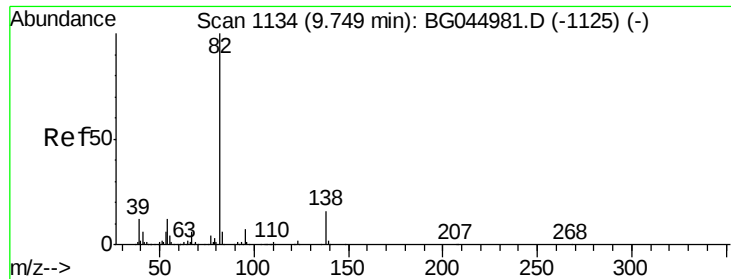
Tot Ion: 82 Resp: 370147
 Ion Ratio Lower Upper
 82 100
 128 39.6 33.0 49.4
 54 41.0 30.4 45.6



#24
 Nitrobenzene
 Concen: 37.998 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion: 77 Resp: 200339
 Ion Ratio Lower Upper
 77 100
 123 39.4 34.3 51.5
 65 12.1 8.9 13.3





#25

Isophorone

Concen: 34.845 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

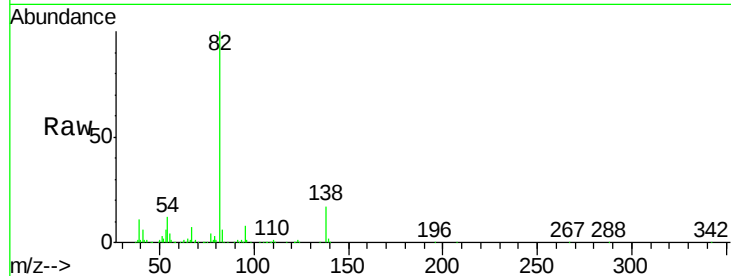
Tot Ion: 82 Resp: 367031

Ion Ratio Lower Upper

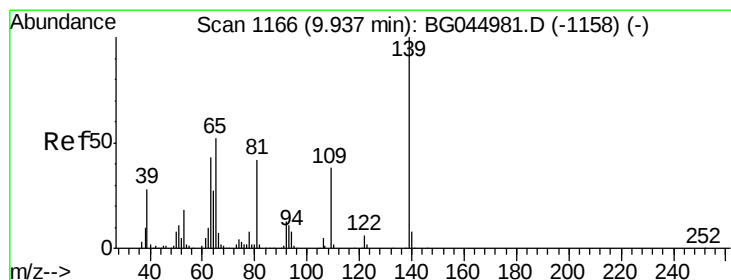
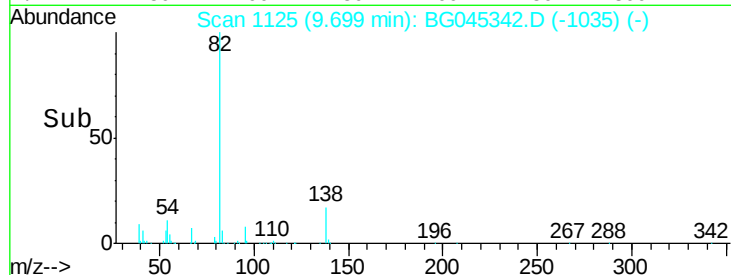
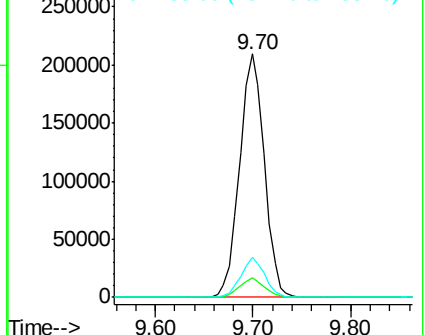
82 100

95 8.1 6.0 9.0

138 16.6 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.463 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

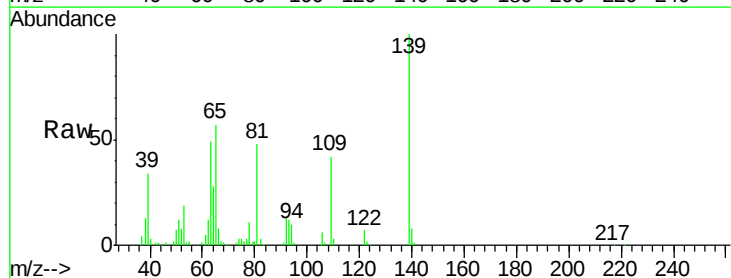
Tgt Ion: 139 Resp: 87351

Ion Ratio Lower Upper

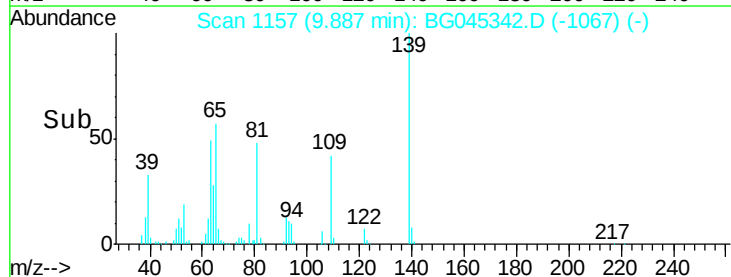
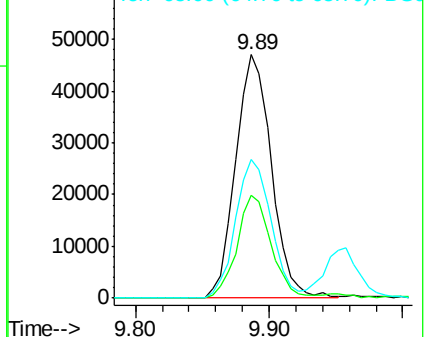
139 100

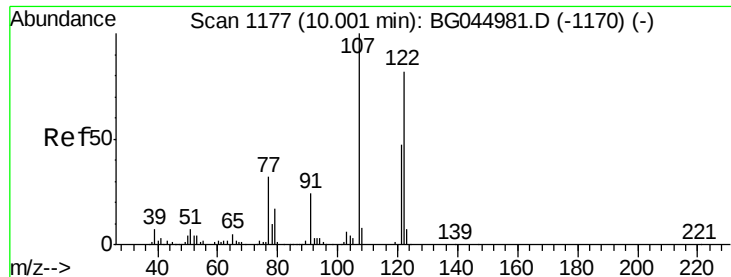
109 42.1 30.6 45.8

65 56.7 41.8 62.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

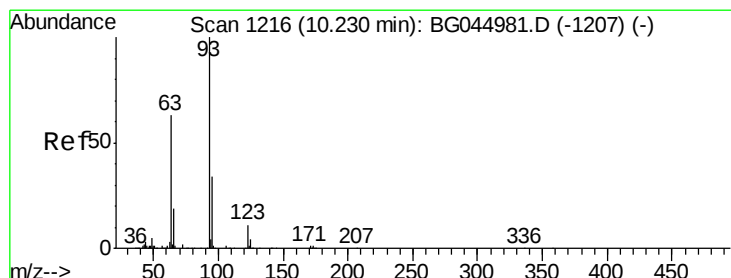
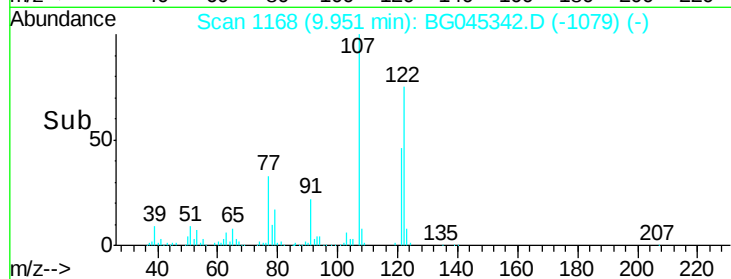
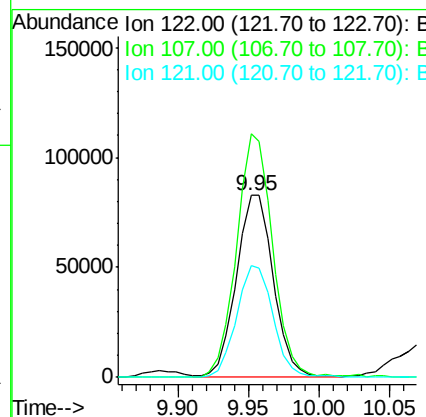
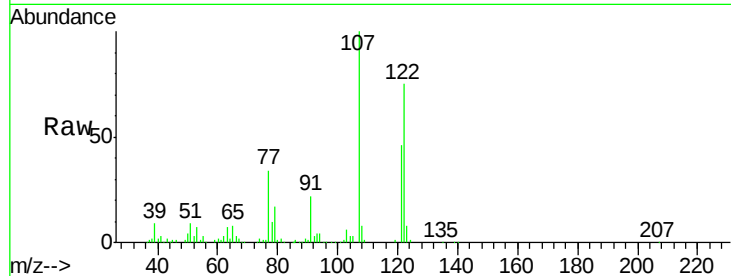




#27
2,4-Dimethylphenol
Concen: 41.727 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

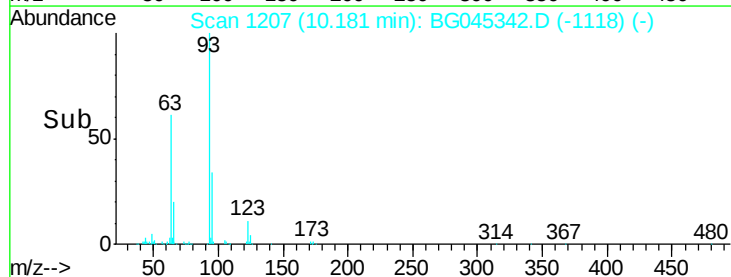
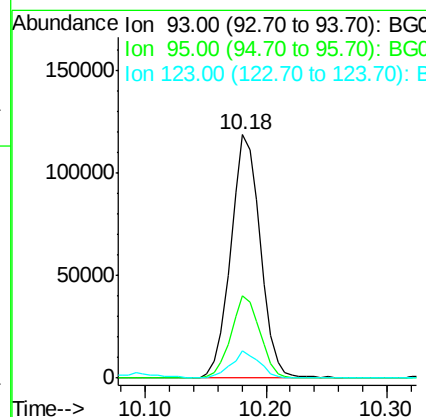
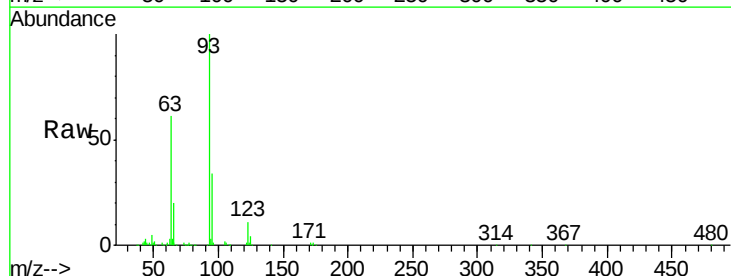
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.0	96.8	145.2
121	61.6	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.551 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.0	40.4
123	11.0	8.7	13.1

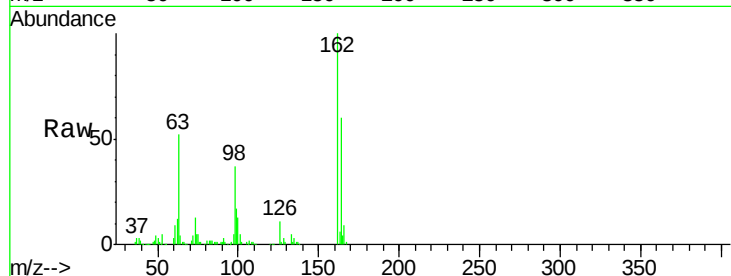




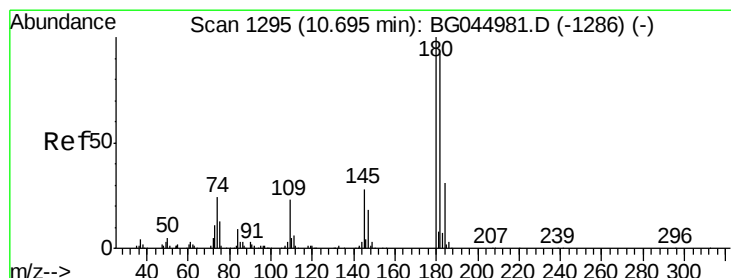
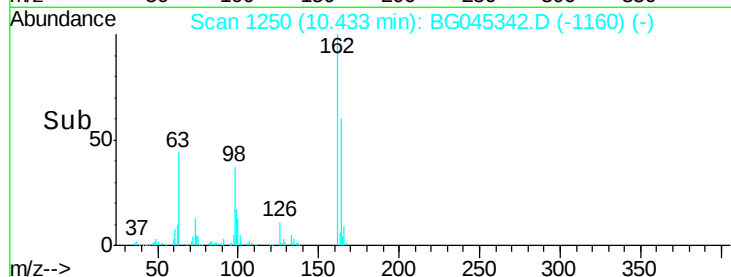
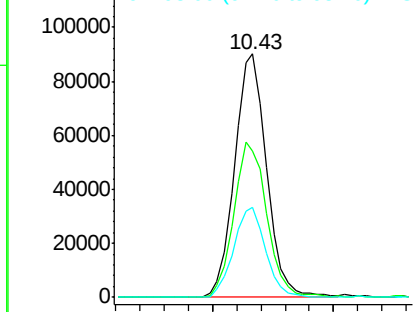
#29
 2,4-Dichlorophenol
 Concen: 40.044 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.3	45.0	85.0
98	37.1	15.2	55.2

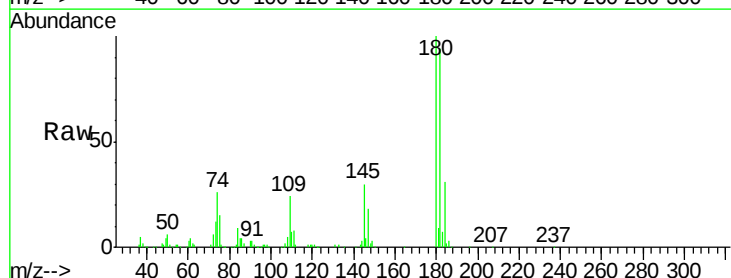


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

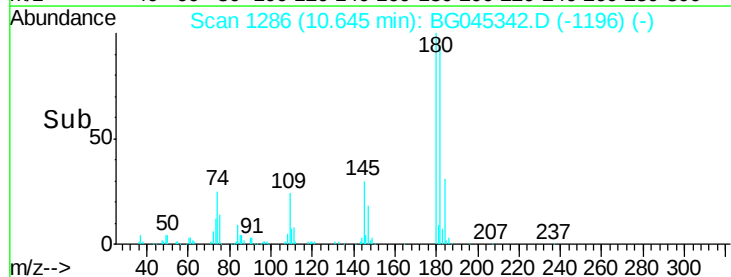
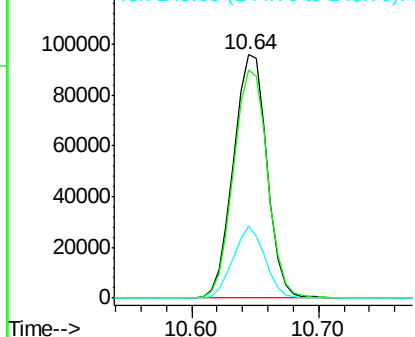


#30
 1,2,4-Trichlorobenzene
 Concen: 37.205 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	73.3	109.9
145	29.6	22.6	33.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

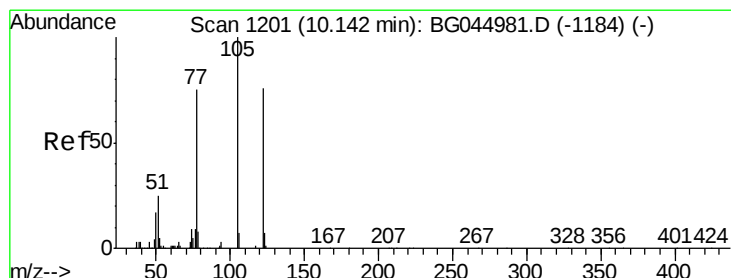
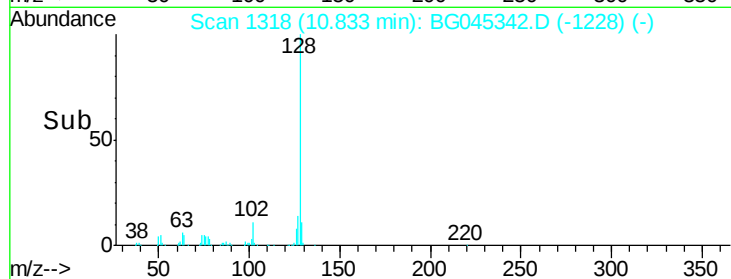
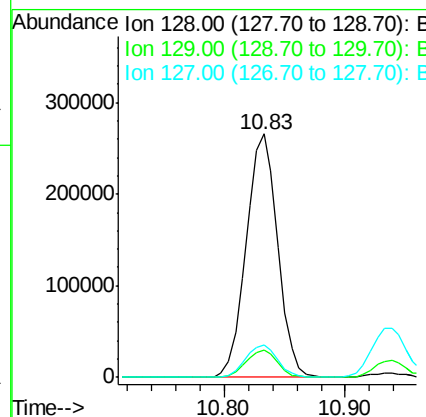
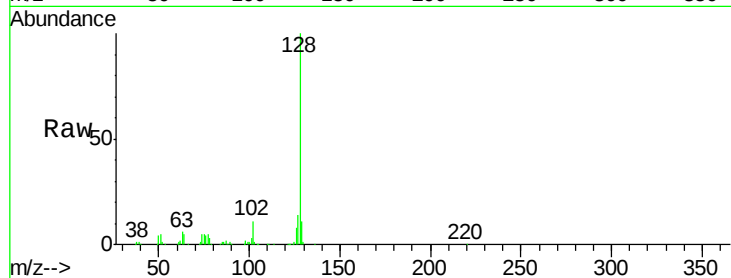




#31
Naphthalene
Concen: 37.536 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

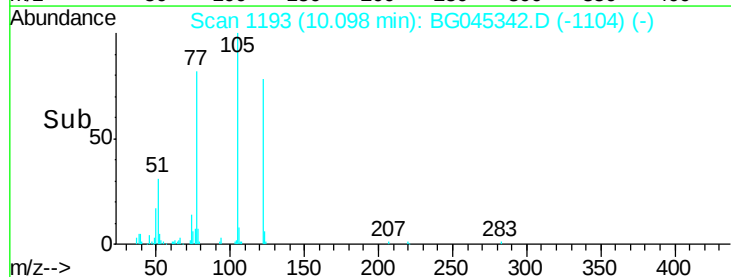
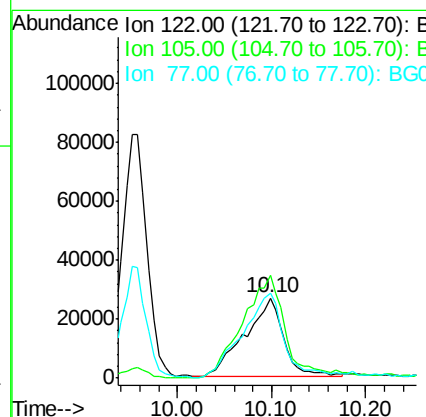
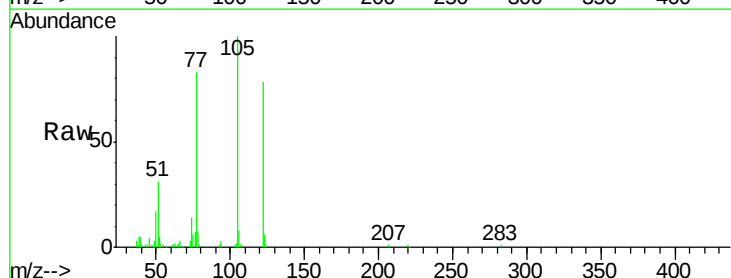
Instrument :
BNA_G
ClientSampleId :

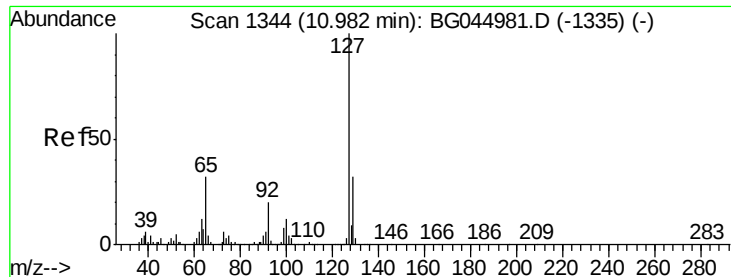
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.5	10.8	16.2



#32
Benzoic acid
Concen: 29.452 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	108.4	148.4
77	106.3	78.8	118.8

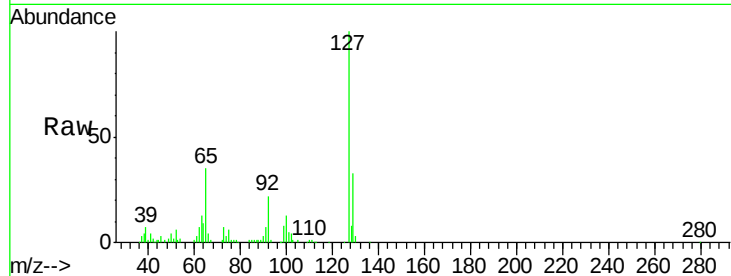




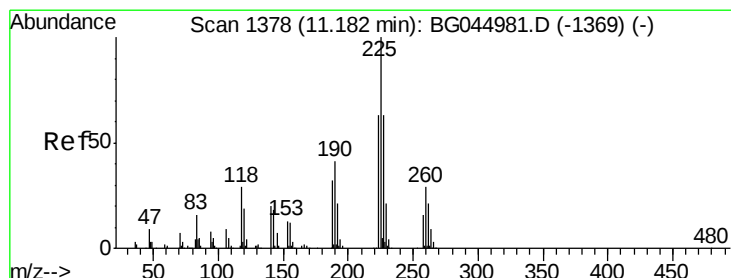
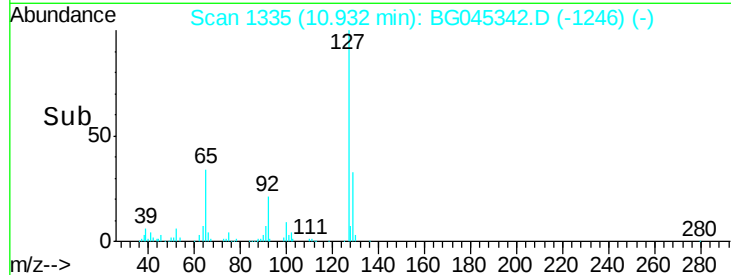
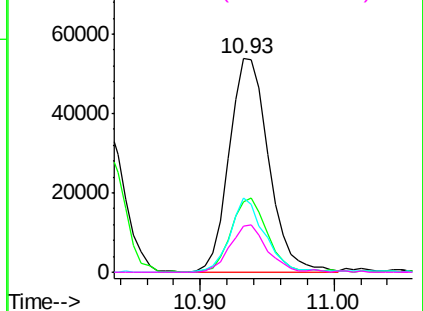
#33
4-Chloroaniline
Concen: 18.555 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	111099
Ion Ratio	Lower	Upper
127	100	
129	33.0	25.7 38.5
65	34.8	25.4 38.2
92	21.6	16.1 24.1

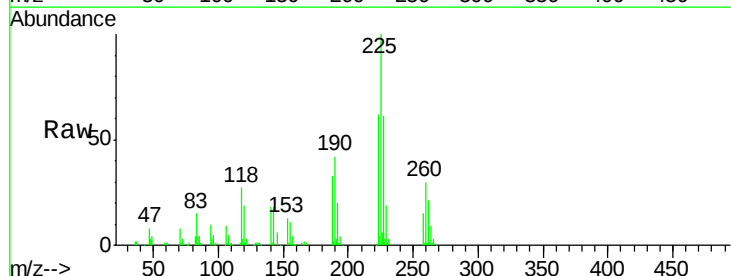


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

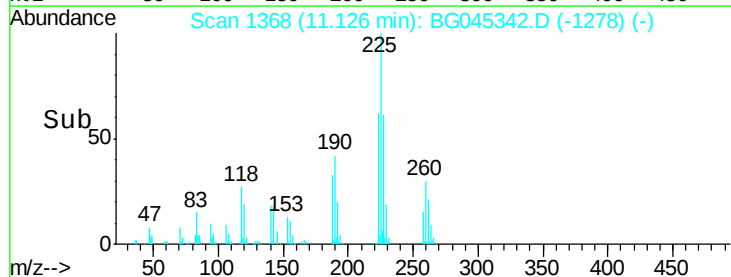
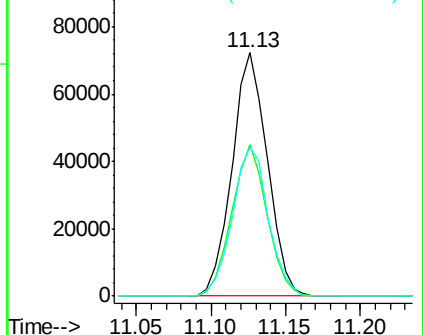


#34
Hexachlorobutadiene
Concen: 36.888 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion:225	Resp:	119145
Ion Ratio	Lower	Upper
225	100	
223	62.3	50.7 76.1
227	61.3	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.965 ng

RT: 11.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

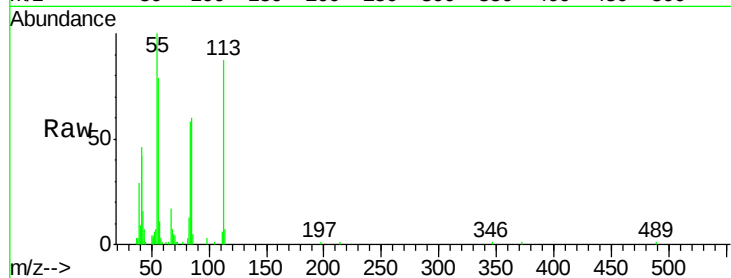
Tot Ion:113 Resp: 31406

Ion Ratio Lower Upper

113 100

55 114.8 118.8 158.8#

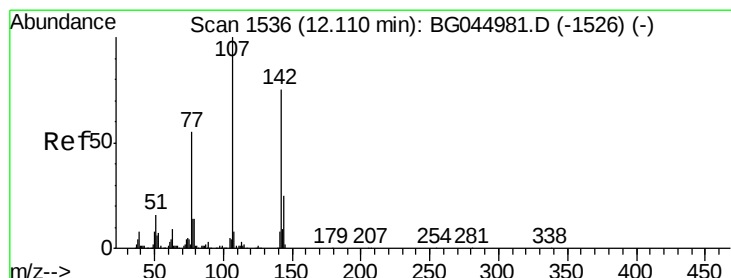
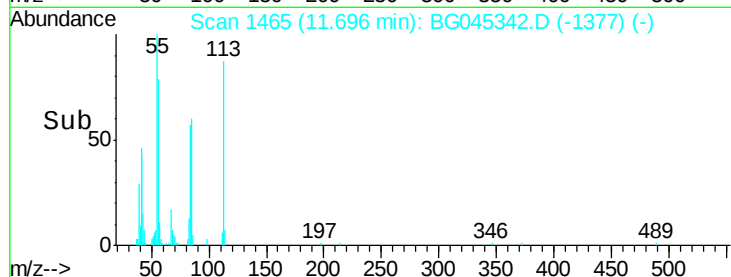
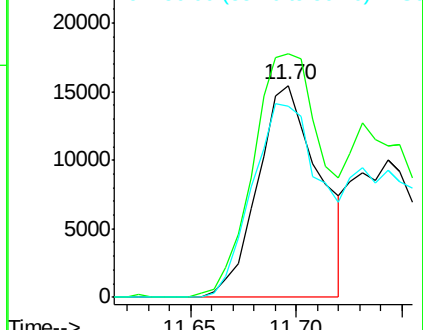
56 90.3 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.178 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

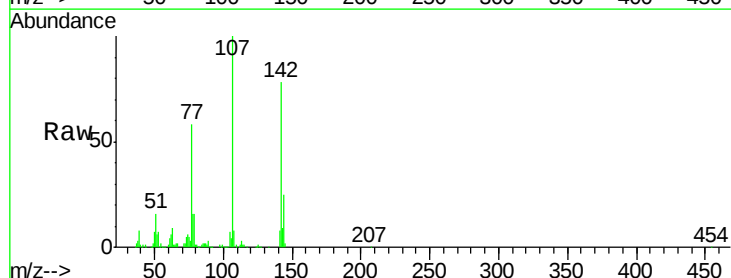
Tgt Ion:107 Resp: 191501

Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.6

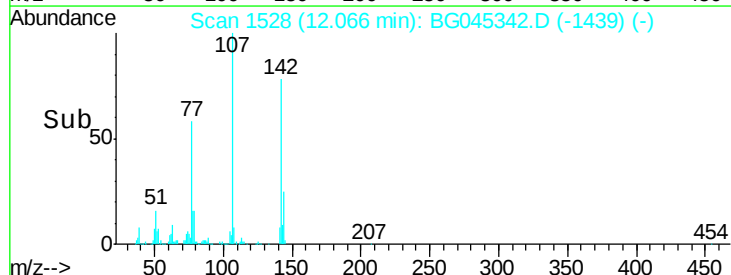
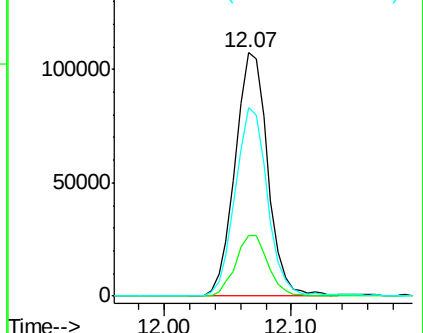
142 77.6 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

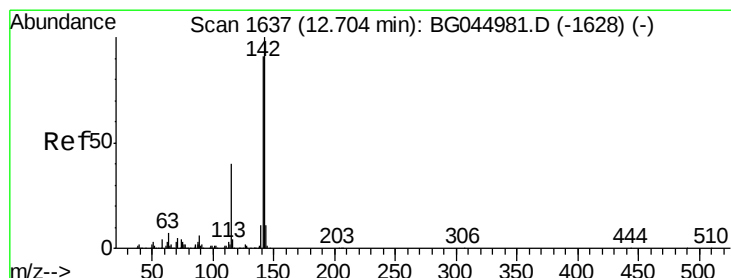
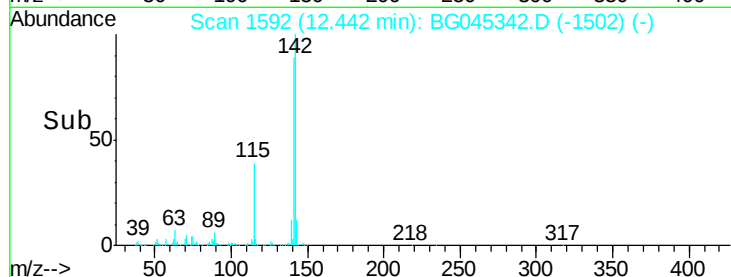
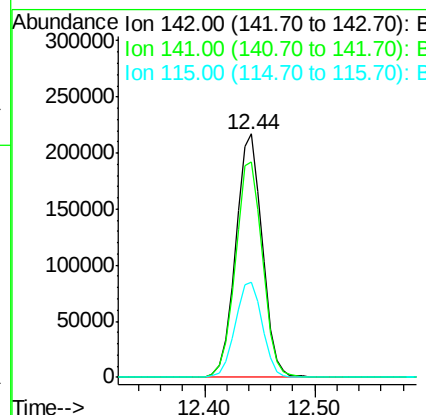
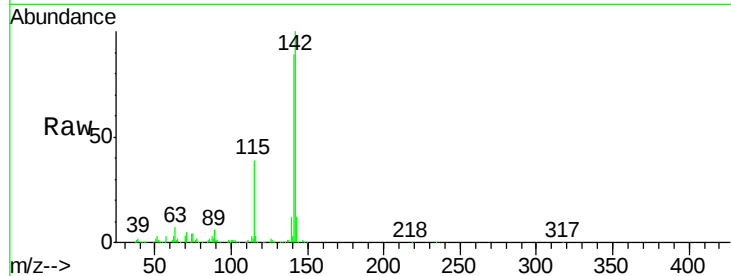




#37
 2-Methylnaphthalene
 Concen: 36.791 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

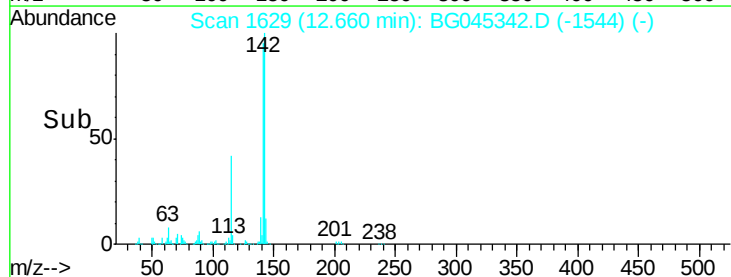
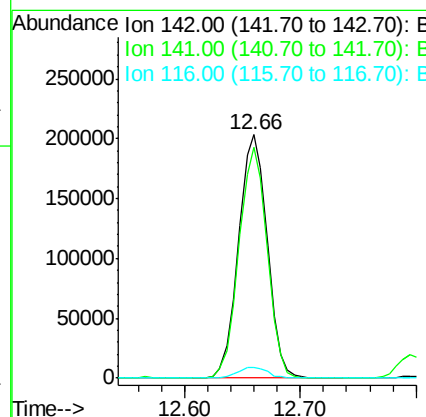
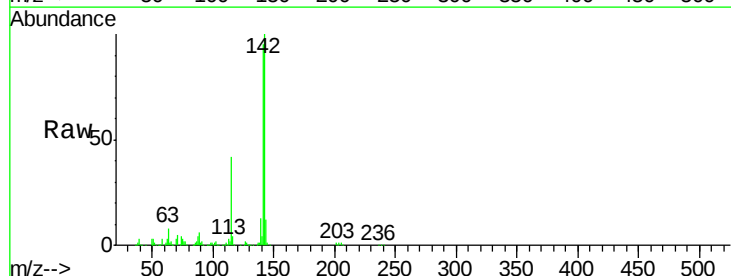
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	38.9	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 37.152 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

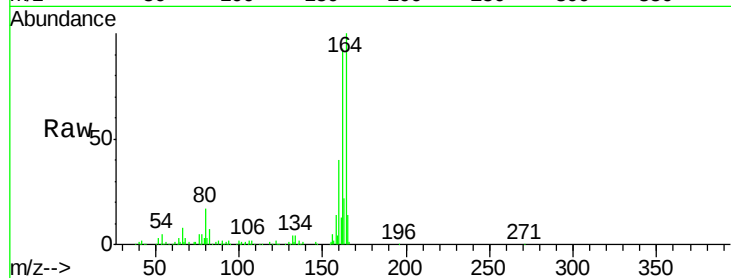
Tot Ion:164 Resp: 173619

Ion Ratio Lower Upper

164 100

162 92.9 78.7 118.1

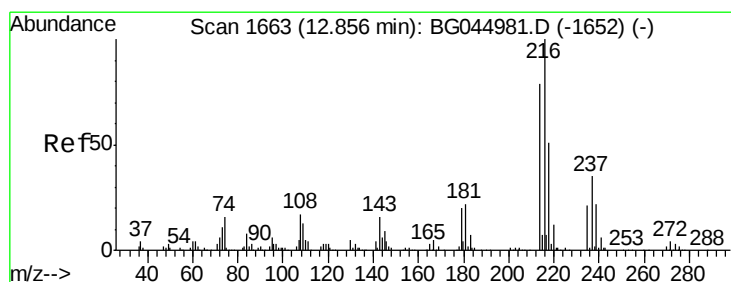
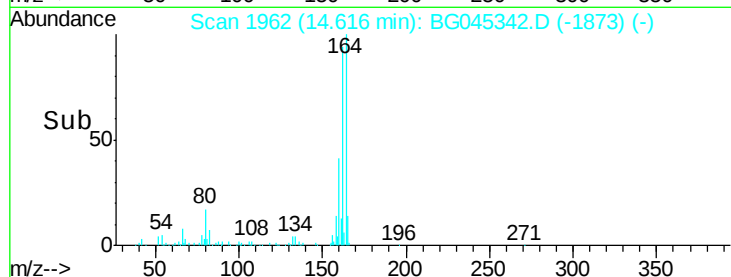
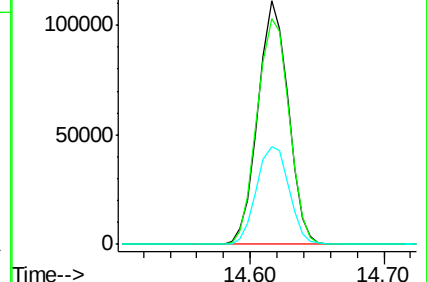
160 40.1 32.8 49.2



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: 36.293 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:216 Resp: 202881

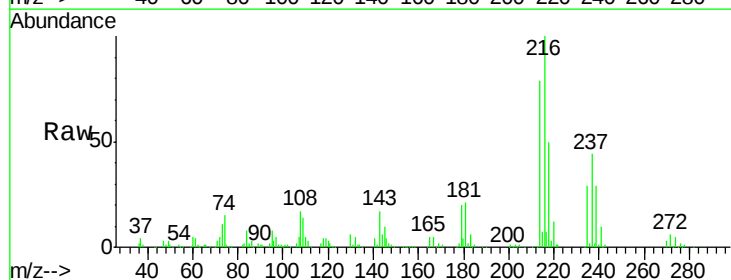
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.6

179 20.1 15.8 23.8

108 19.7 14.2 21.2

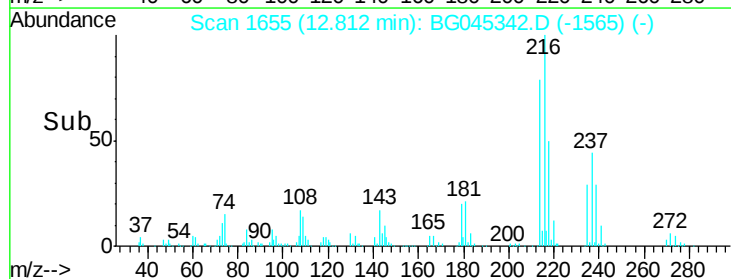
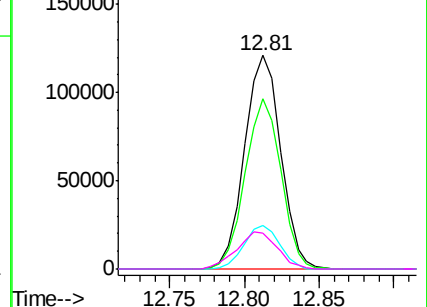


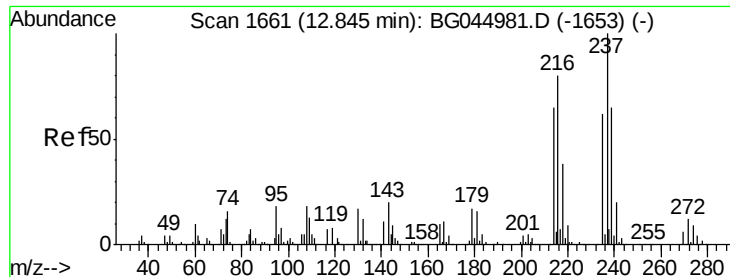
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.372 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

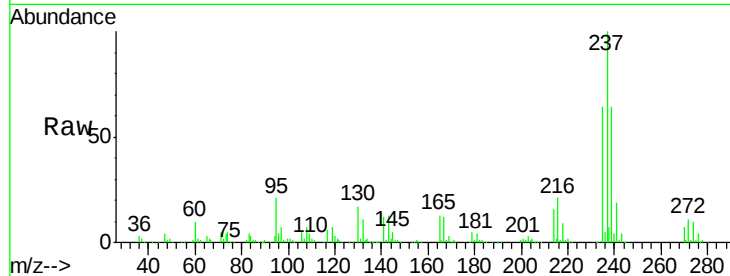
Tot Ion:237 Resp: 270330

Ion Ratio Lower Upper

237 100

235 63.7 41.6 81.6

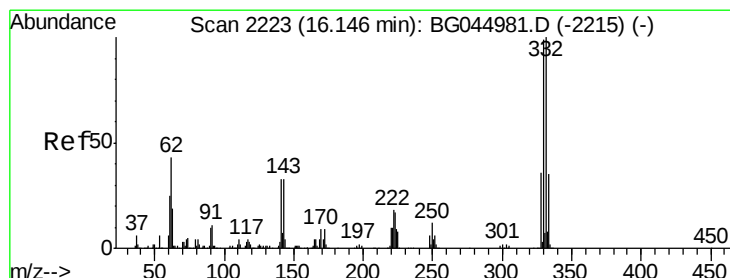
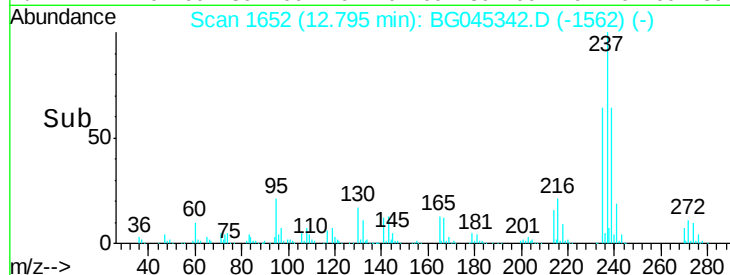
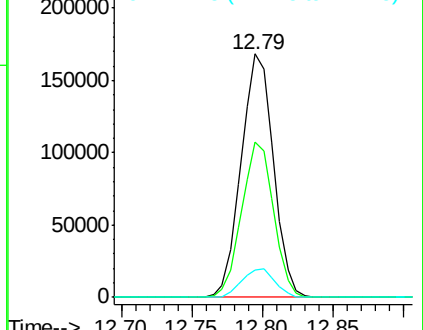
272 11.5 0.0 32.1



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: 73.984 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

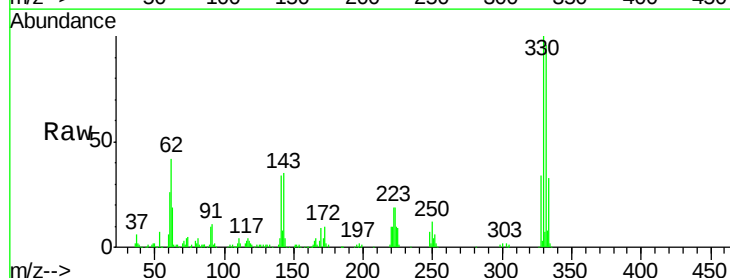
Tgt Ion:330 Resp: 198440

Ion Ratio Lower Upper

330 100

332 97.6 79.1 118.7

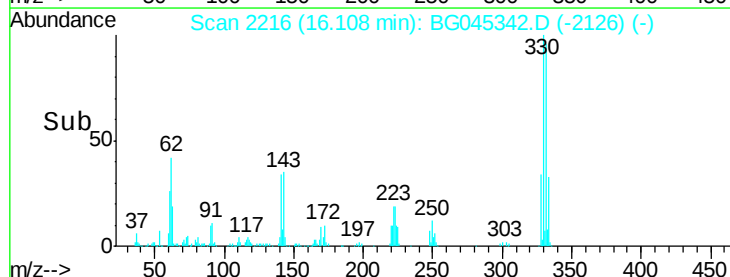
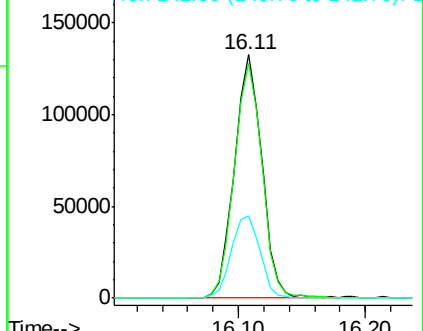
141 35.2 27.1 40.7

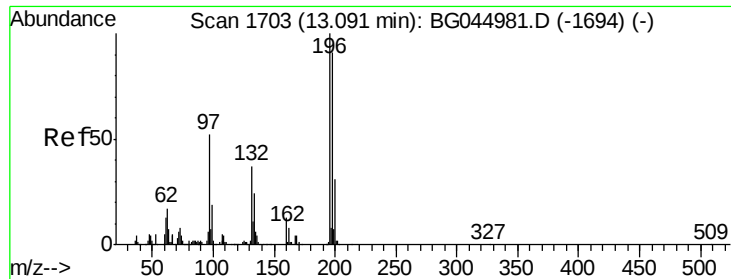


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

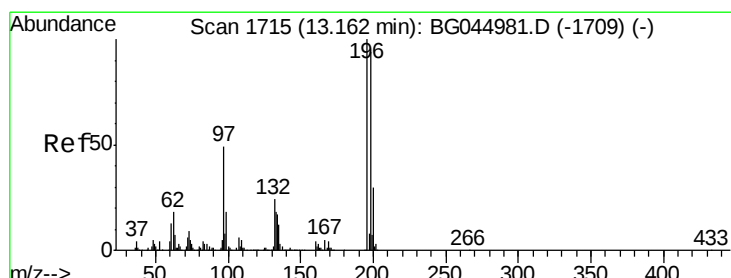
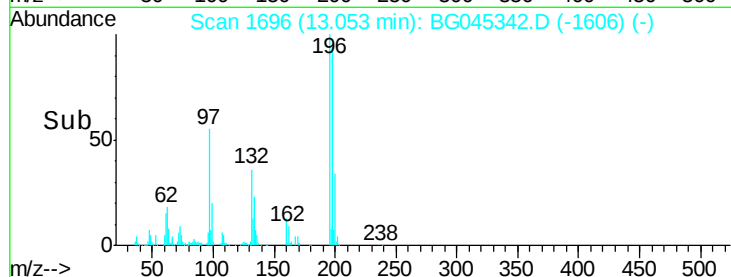
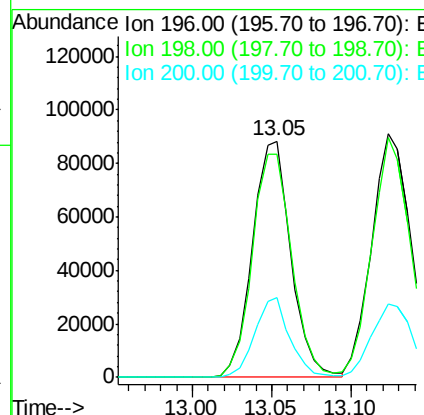
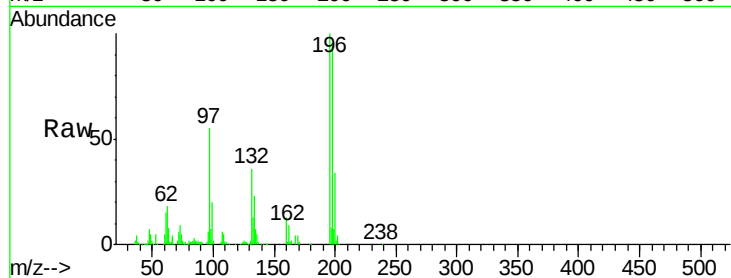




#43
 2,4,6-Trichlorophenol
 Concen: 37.763 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

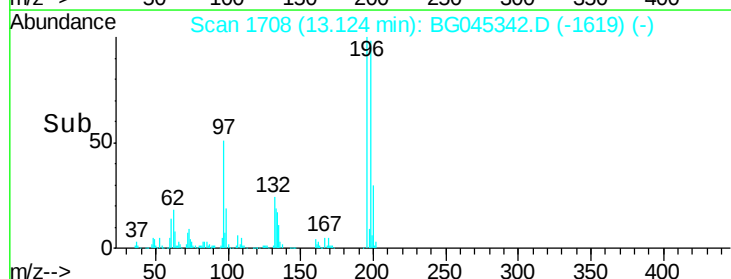
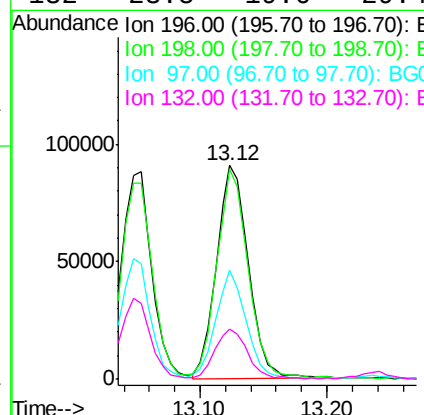
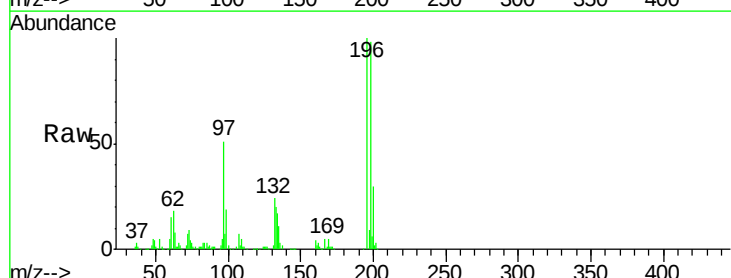
Instrument :
 BNA_G
 ClientSampleId :

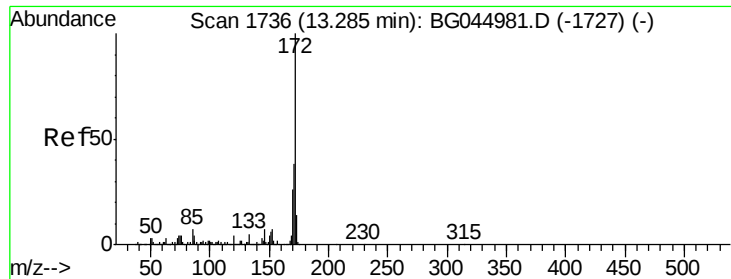
Tot Ion	196	Resp	148984
Ion Ratio	Lower	Upper	
196	100		
198	94.4	72.5	108.7
200	33.7	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 35.235 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	196	Resp	158231
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.7	113.5
97	50.7	39.6	59.4
132	23.5	19.6	29.4

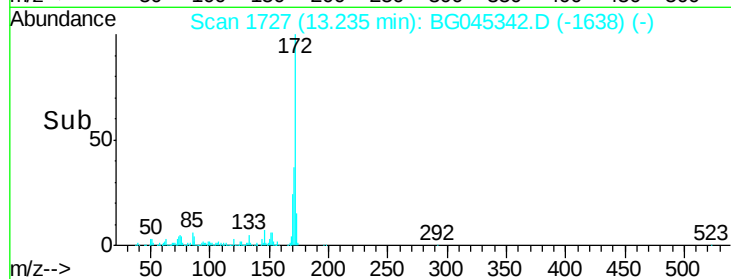
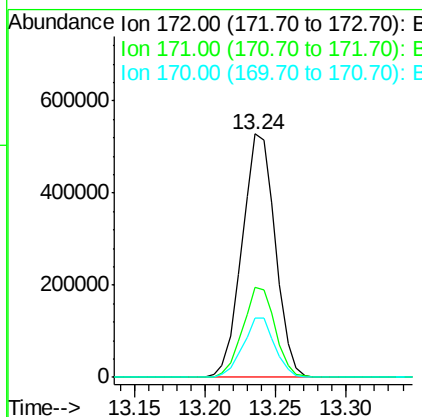
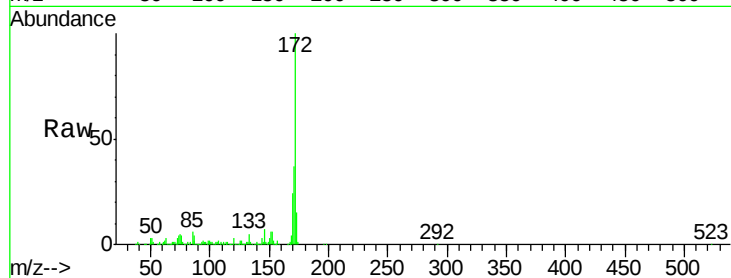




#45
2-Fluorobiphenyl
Concen: 73.261 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

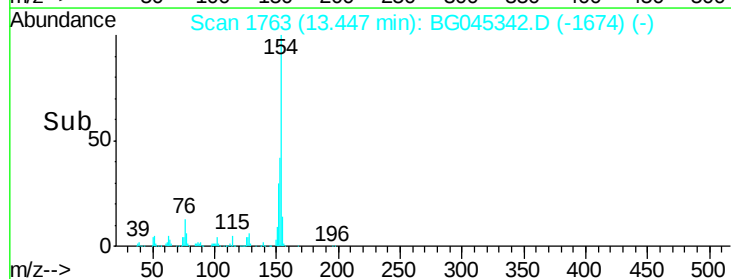
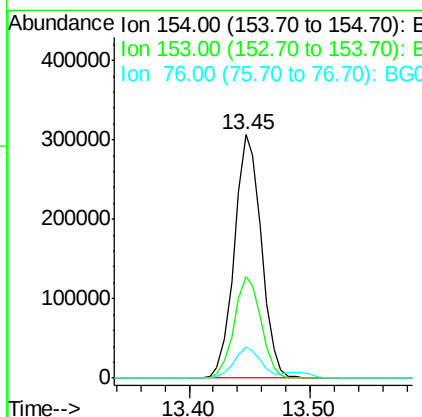
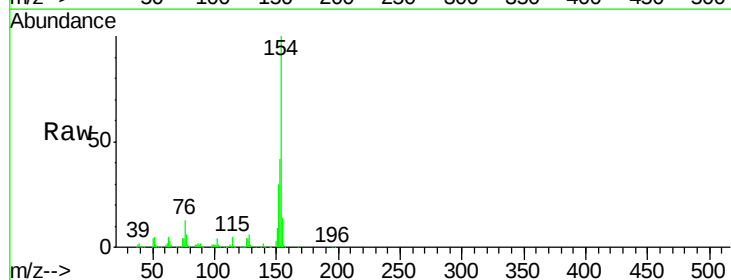
Instrument :
BNA_G
ClientSampleId :

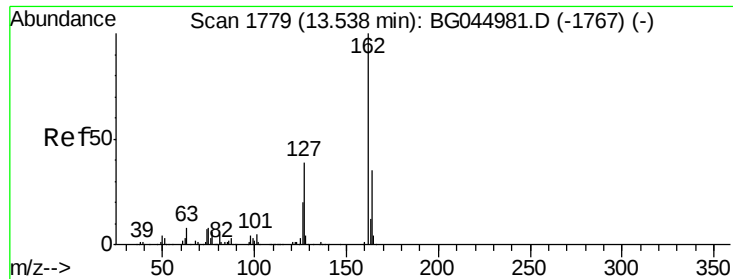
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	24.2	20.5	30.7



#46
1,1'-Biphenyl
Concen: 36.131 ng
RT: 13.45 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	12.6	0.0	33.1

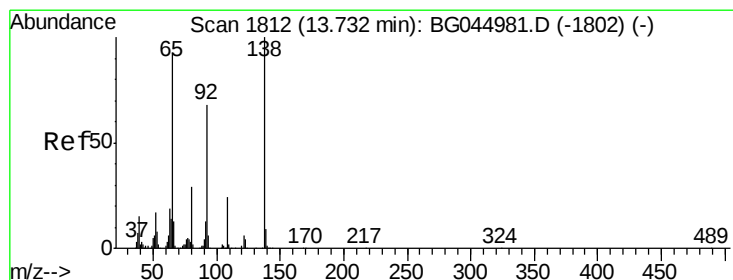
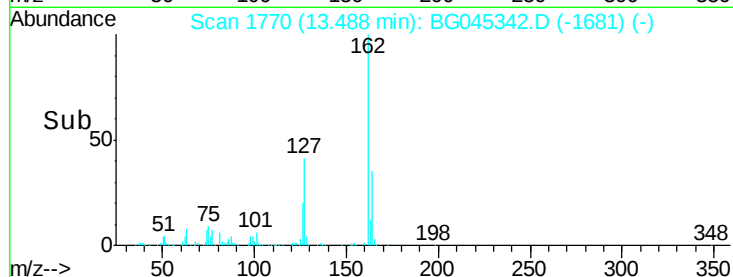
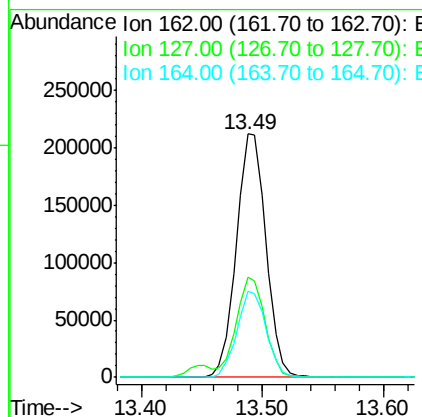
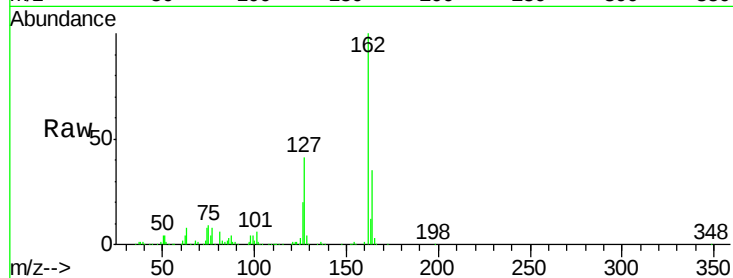




#47
 2-Chloronaphthalene
 Concen: 36.015 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

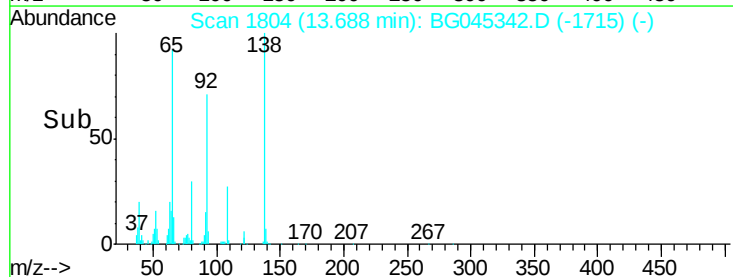
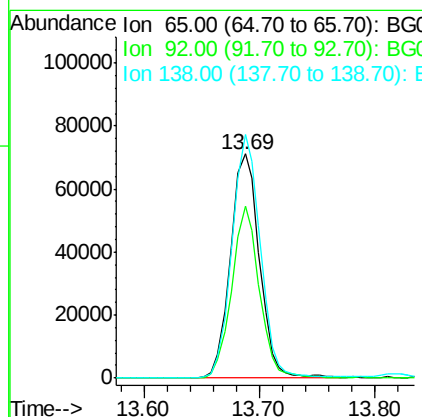
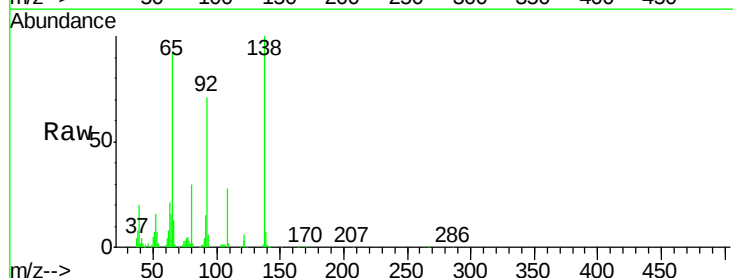
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.3	46.9
164	35.4	27.8	41.8



#48
 2-Nitroaniline
 Concen: 37.448 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.6	58.3	87.5
138	108.6	85.6	128.4





#49

Acenaphthylene

Concen: 38.137 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

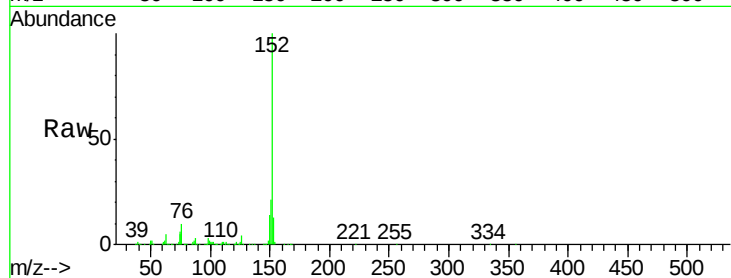
Tot Ion:152 Resp: 626376

Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

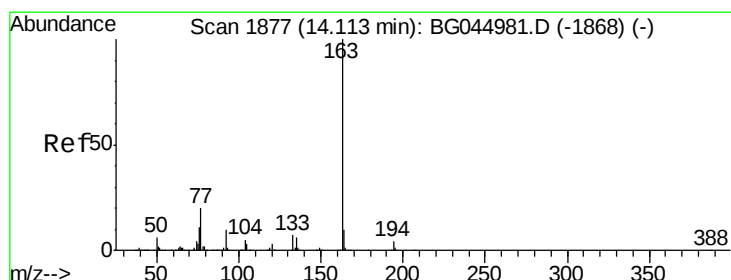
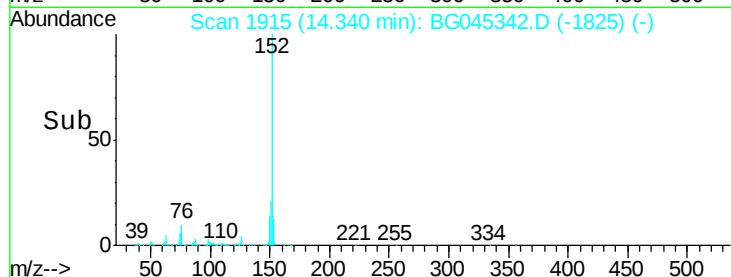
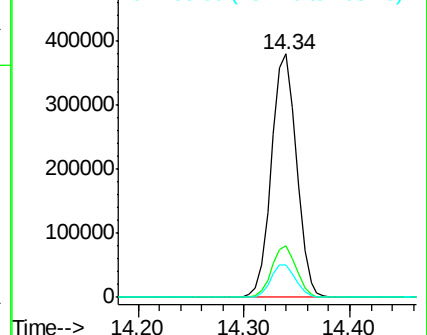
153 13.4 11.0 16.4



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: 36.534 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

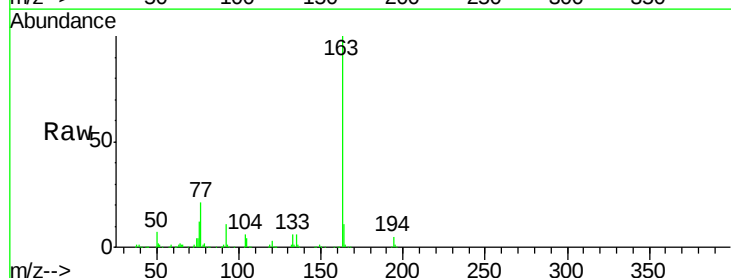
Tgt Ion:163 Resp: 516471

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

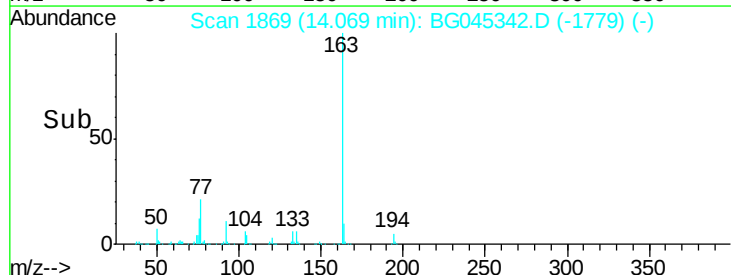
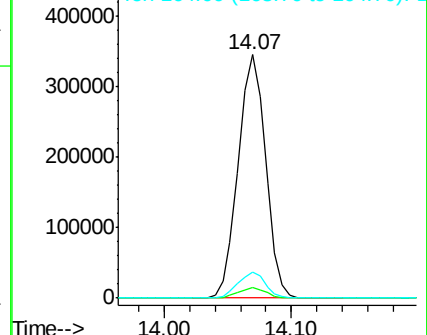
164 10.5 8.2 12.4



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: 37.577 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampled :

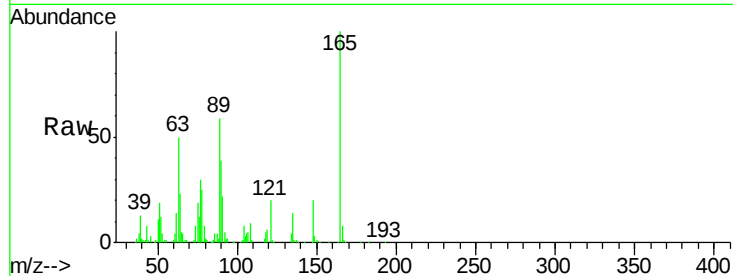
Tot Ion:165 Resp: 118818

Ion Ratio Lower Upper

165 100

63 50.1 40.4 60.6

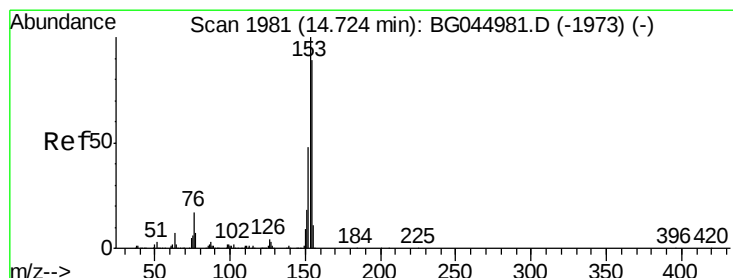
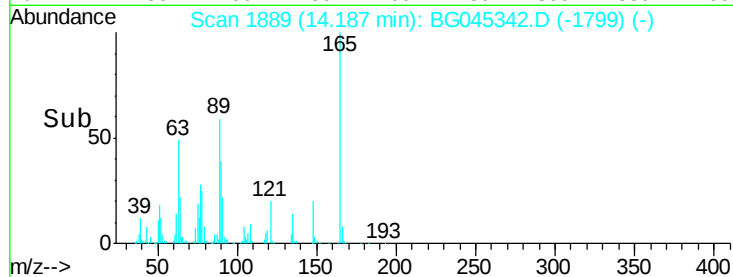
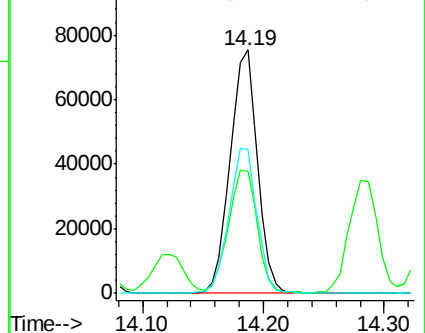
89 58.9 49.1 73.7



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



#52

Acenaphthene

Concen: 33.682 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

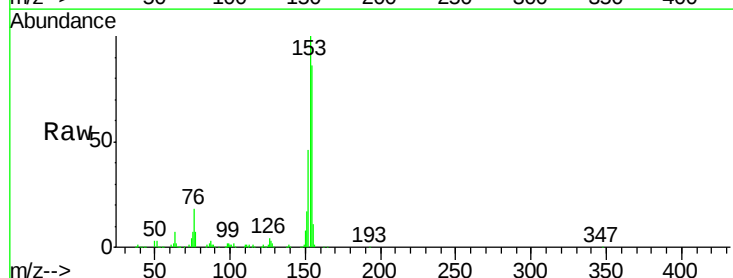
Tgt Ion:154 Resp: 374294

Ion Ratio Lower Upper

154 100

153 116.8 89.7 134.5

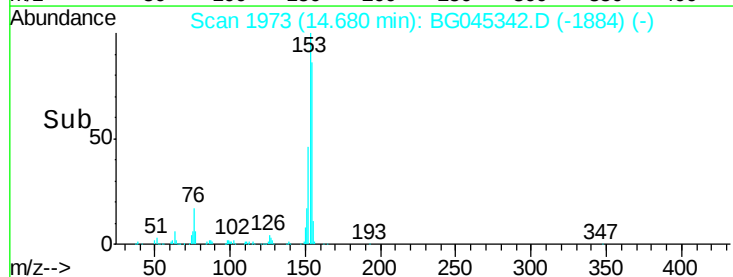
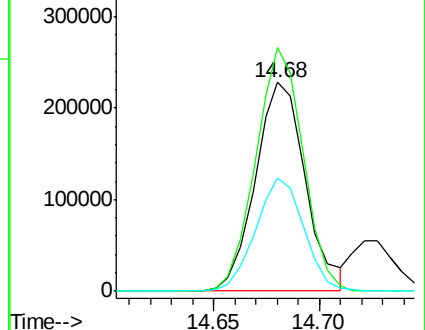
152 54.0 43.1 64.7

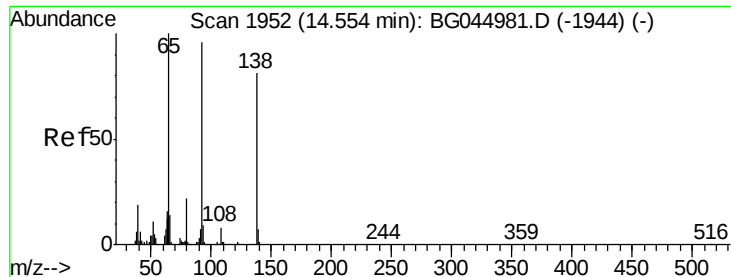


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

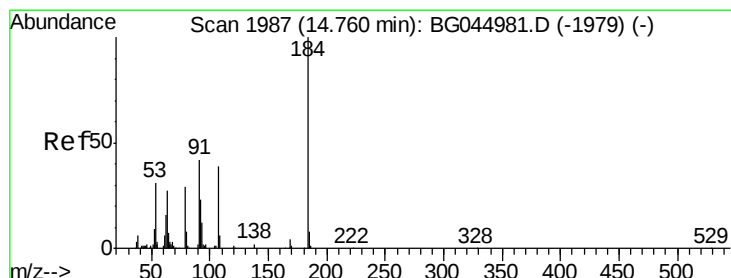
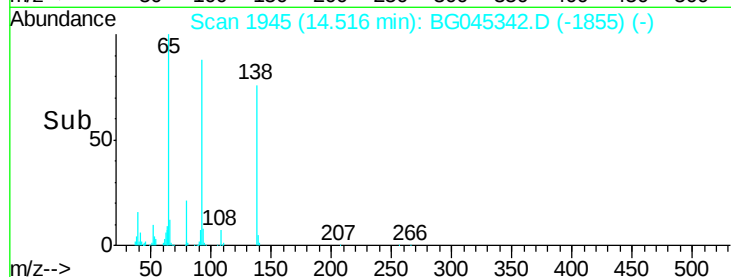
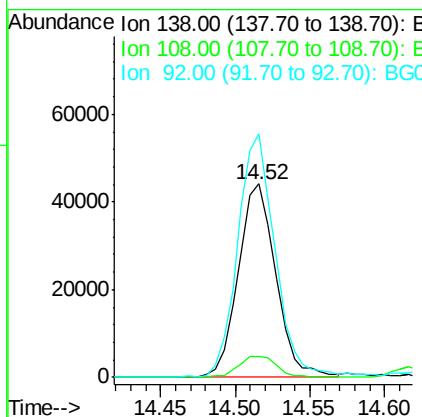
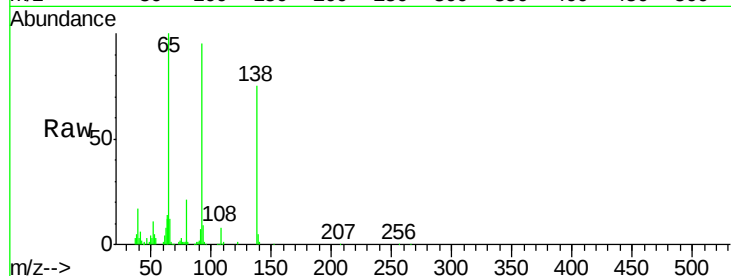




#53
 3-Nitroaniline
 Concen: 22.200 ng
 RT: 14.52 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

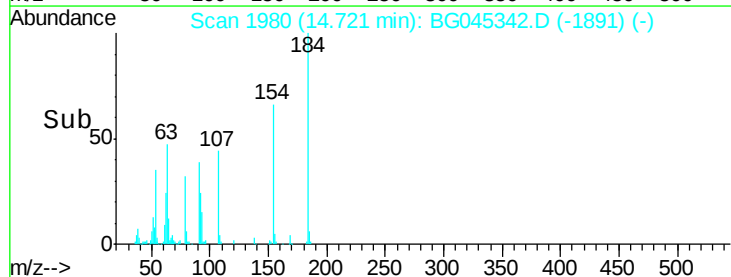
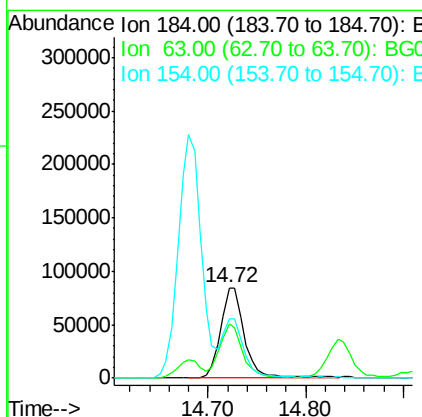
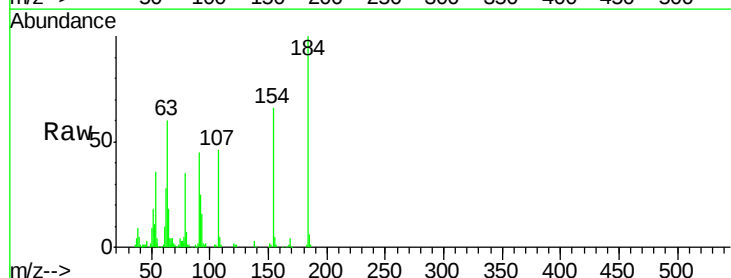
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 76989
 Ion Ratio Lower Upper
 138 100
 108 10.7 7.8 11.8
 92 125.8 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 76.549 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion:184 Resp: 143929
 Ion Ratio Lower Upper
 184 100
 63 59.9 41.5 62.3
 154 65.7 52.3 78.5

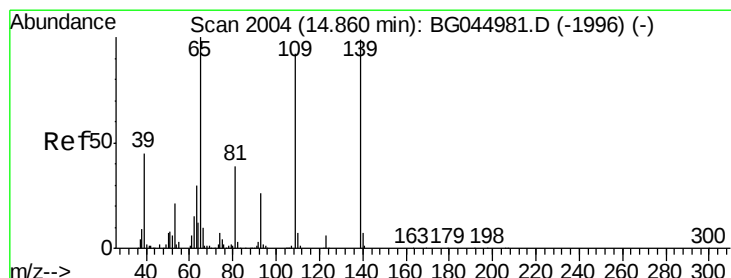
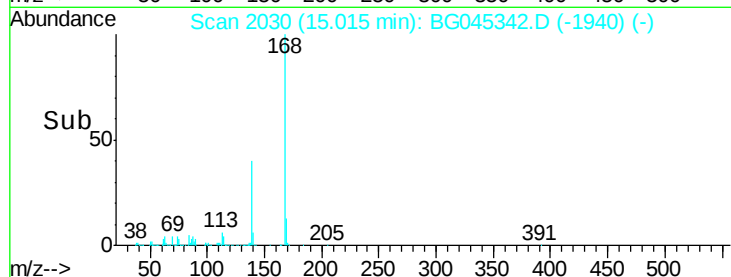
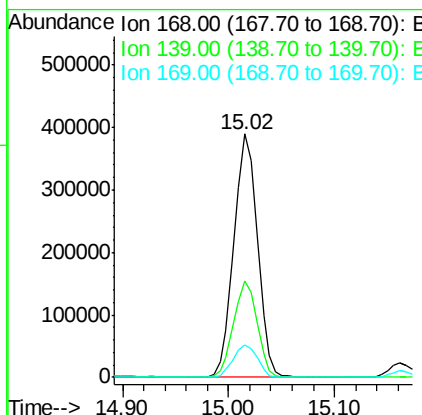
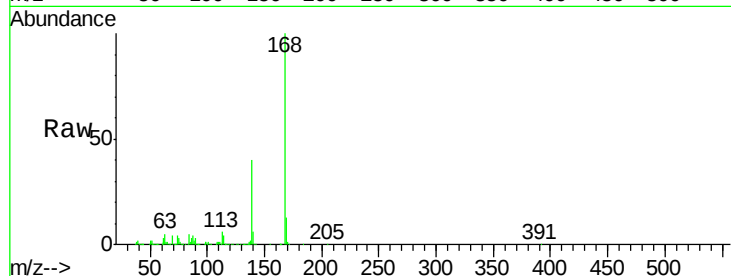




#55
Dibenzenofuran
Concen: 37.069 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

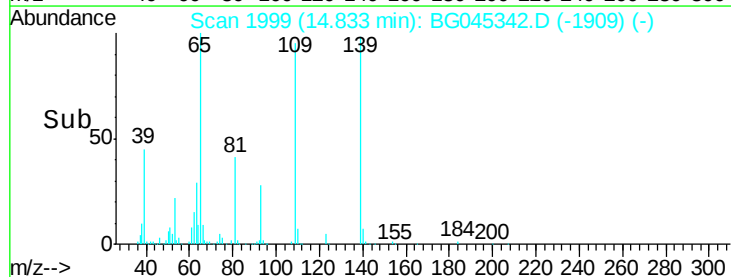
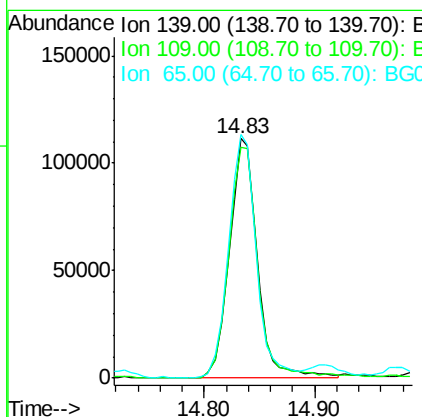
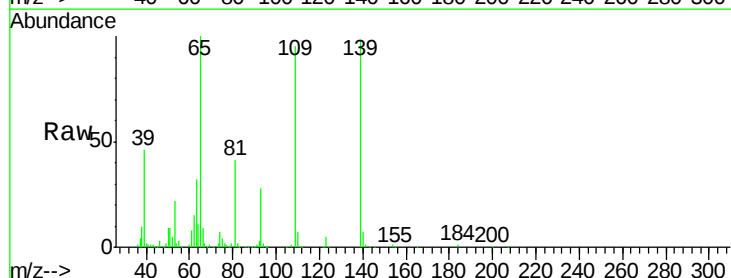
Instrument :
BNA_G
ClientSampleId :

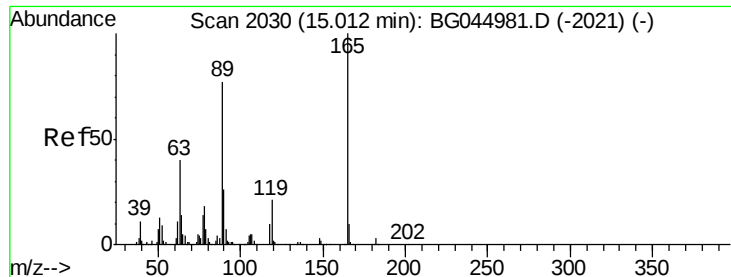
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.4	45.6
169	13.2	11.0	16.4



#56
4-Nitrophenol
Concen: 73.646 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.7	73.6	113.6
65	101.7	81.2	121.2

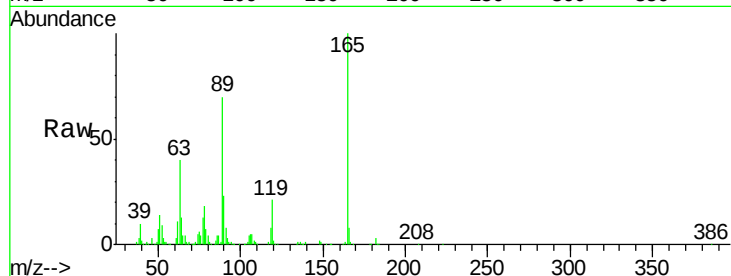




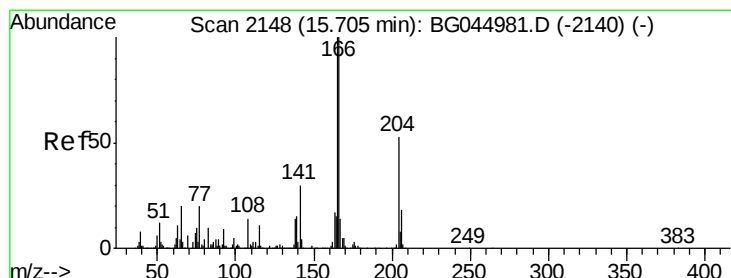
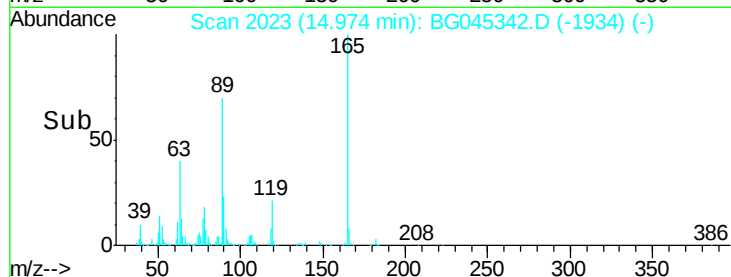
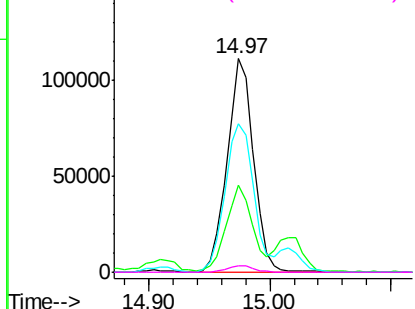
#57
2,4-Dinitrotoluene
Concen: 36.303 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 167755
Ion Ratio Lower Upper
165 100
63 40.5 32.2 48.2
89 69.8 61.7 92.5
182 3.2 2.0 3.0#

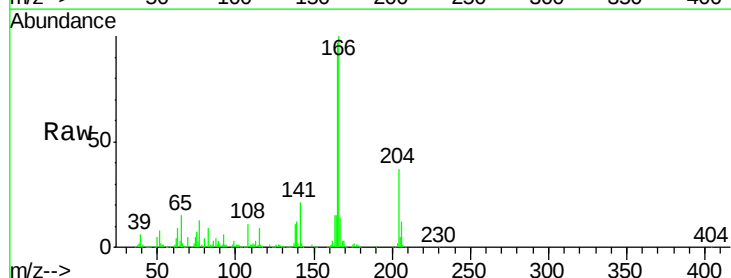


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

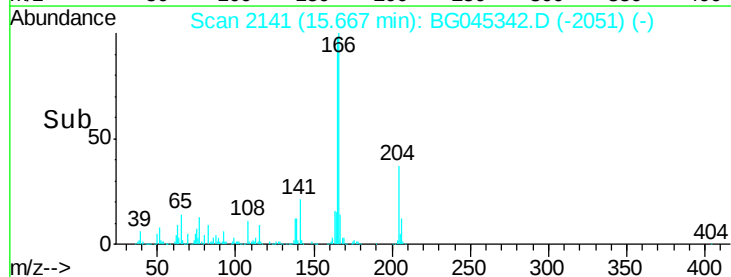
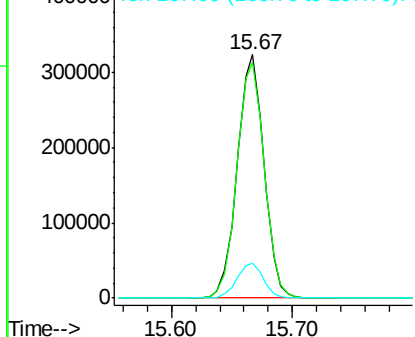


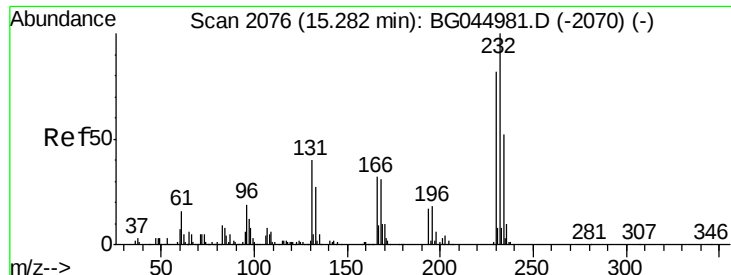
#58
Fluorene
Concen: 37.795 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion:166 Resp: 500154
Ion Ratio Lower Upper
166 100
165 97.1 79.9 119.9
167 14.3 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

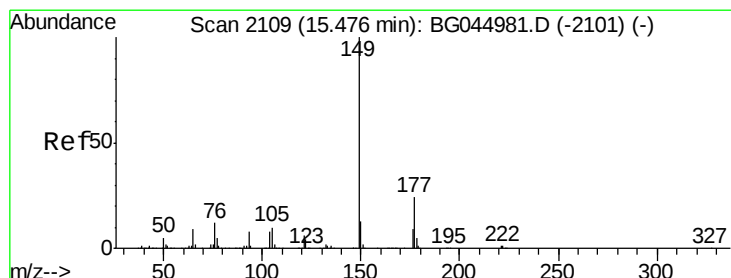
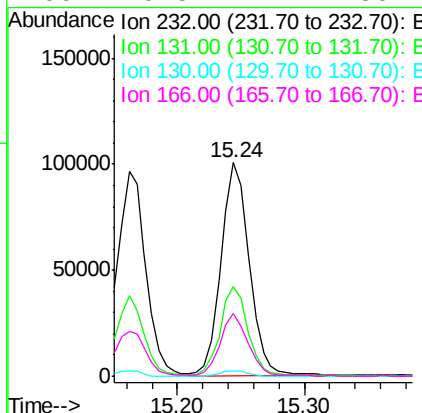
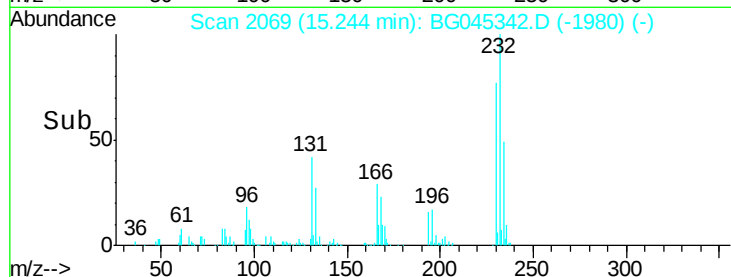
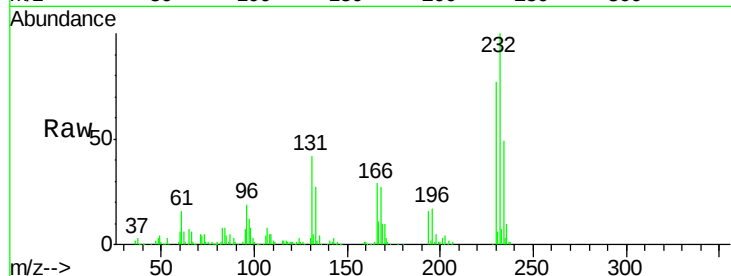




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.897 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

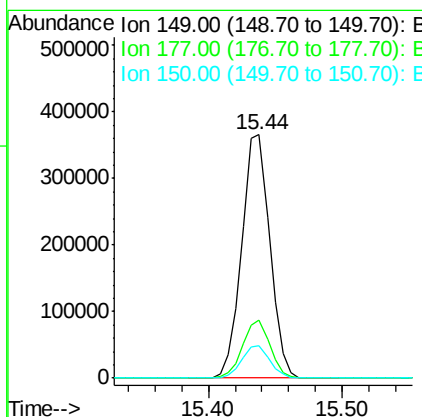
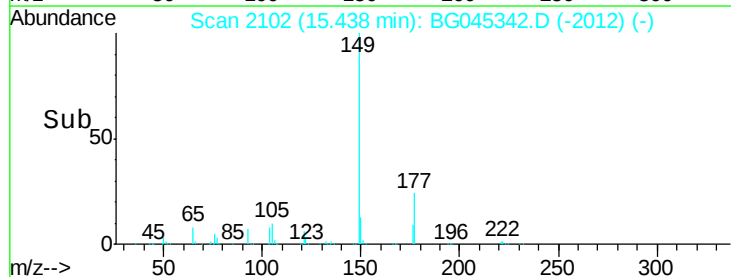
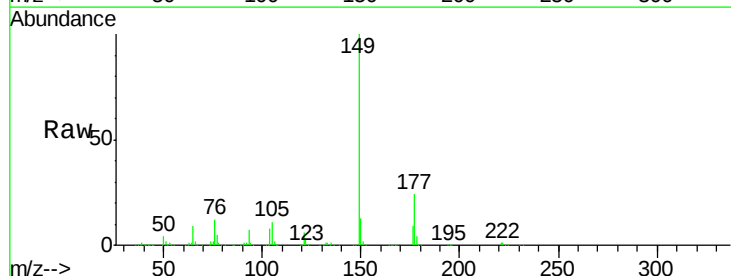
Instrument :
 BNA_G
 ClientSampleId :

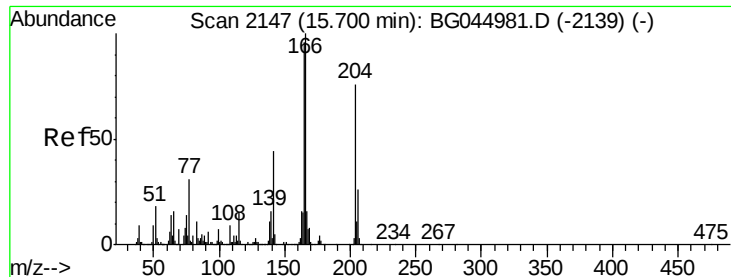
Tot Ion:232	Resp:	155425
Ion Ratio	Lower	Upper
232	100	
131	41.3	32.2 48.2
130	2.5	2.2 3.2
166	29.5	24.2 36.4



#60
 Diethylphthalate
 Concen: 36.034 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion:149	Resp:	531108
Ion Ratio	Lower	Upper
149	100	
177	23.7	18.9 28.3
150	13.2	10.6 15.8

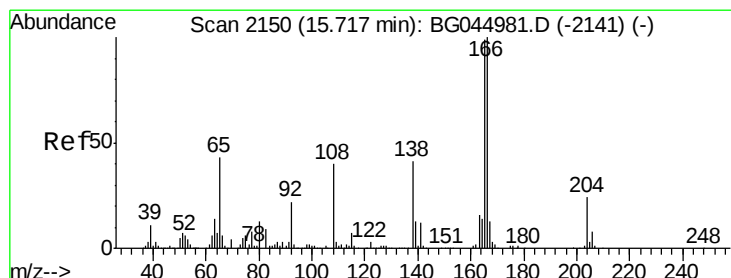
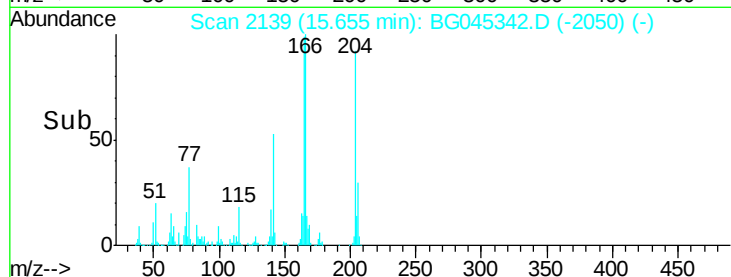
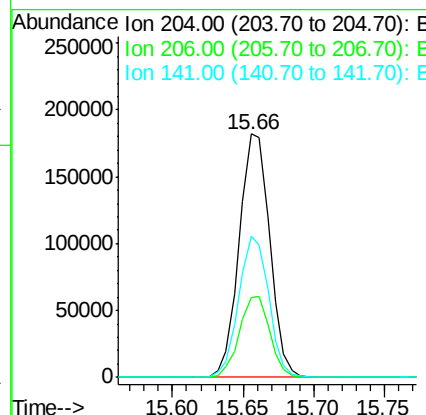
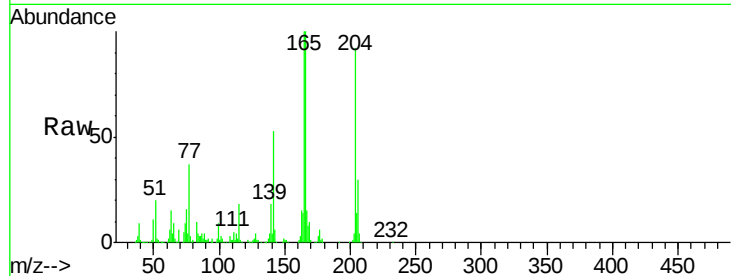




#61
4-Chlorophenyl-phenylether
Concen: 36.213 ng
RT: 15.66 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

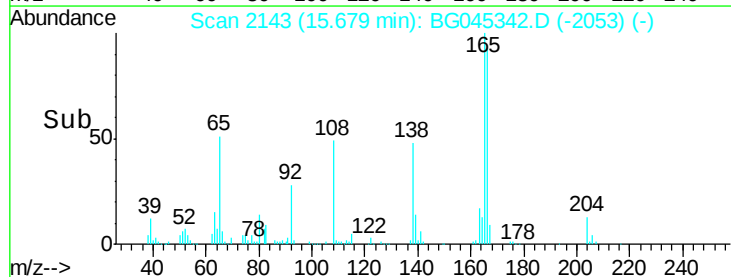
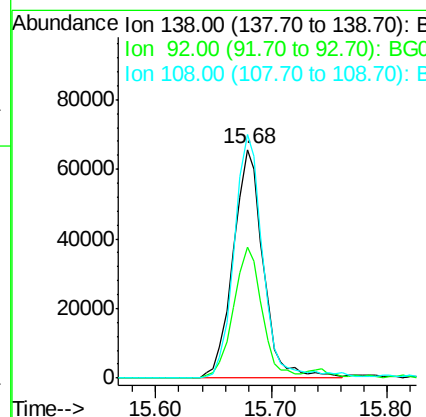
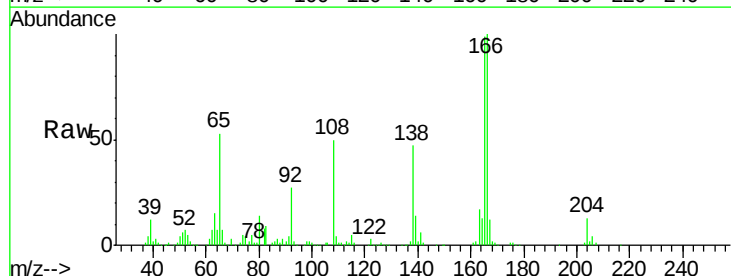
Instrument :
BNA_G
ClientSampled :

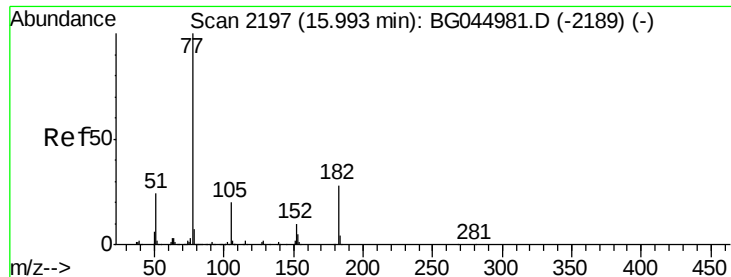
Tot Ion:204 Resp: 275838
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 57.8 46.3 69.5



#62
4-Nitroaniline
Concen: 32.944 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion:138 Resp: 118499
Ion Ratio Lower Upper
138 100
92 57.6 33.6 73.6
108 106.7 78.2 118.2





#63

Azobenzene

Concen: 37.490 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 509444

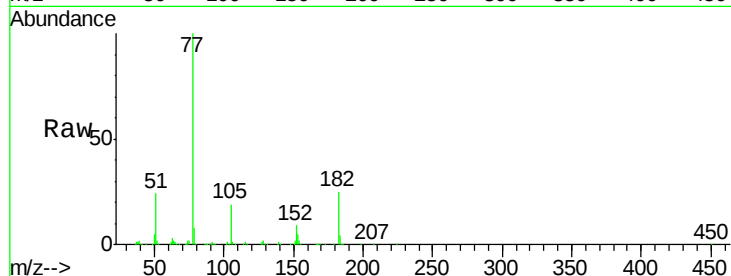
Ion Ratio Lower Upper

77 100

182 25.5 8.4 48.4

105 18.8 0.5 40.5

51 24.3 4.4 44.4

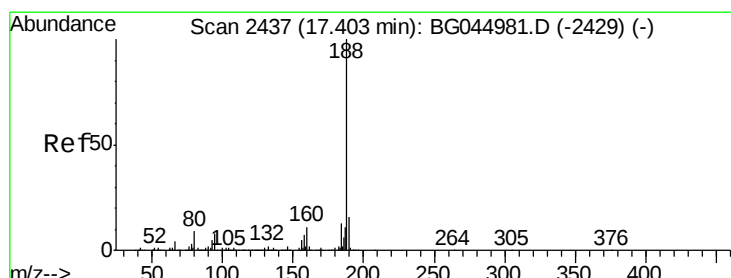
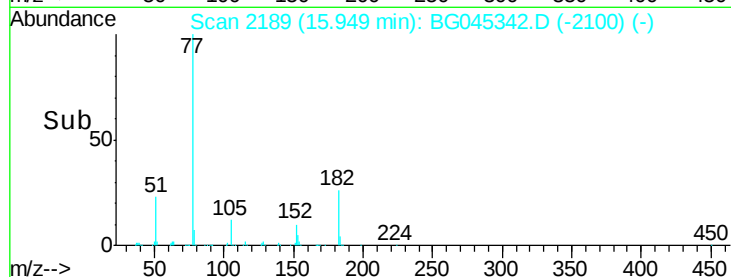
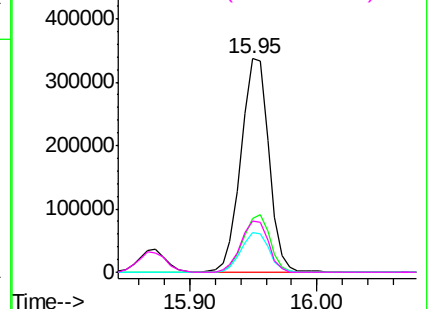


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045342.D

Acq: 12 May 2020 23:45

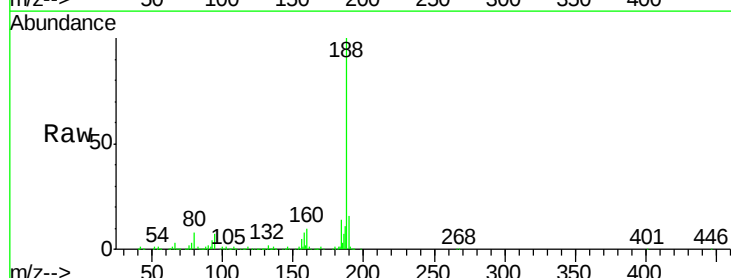
Tgt Ion: 188 Resp: 422575

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

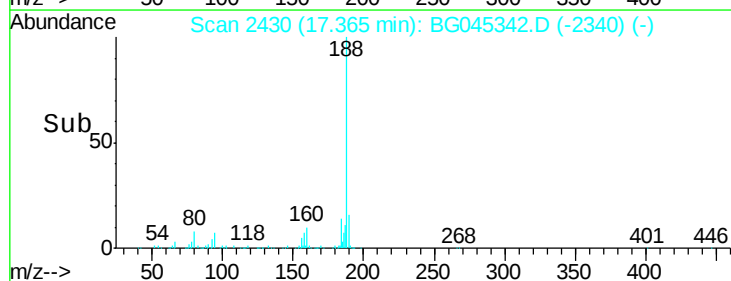
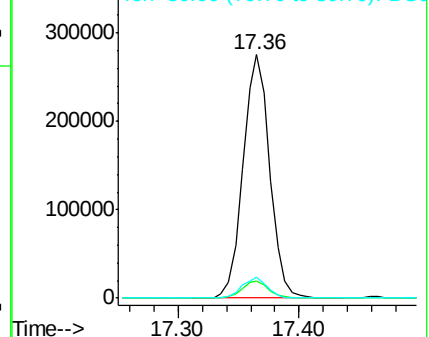
80 8.5 7.0 10.6

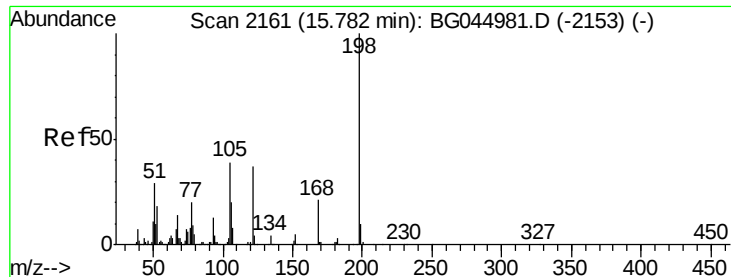


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 38.428 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

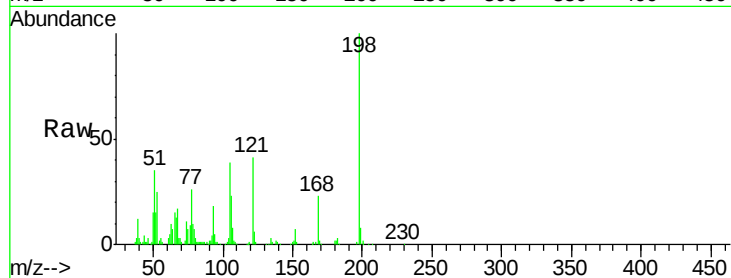
Tot Ion:198 Resp: 106739

Ion Ratio Lower Upper

198 100

51 34.9 10.0 50.0

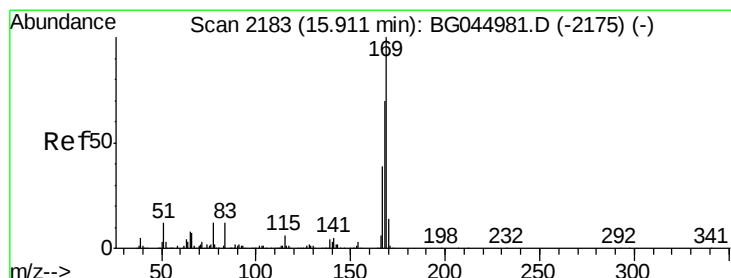
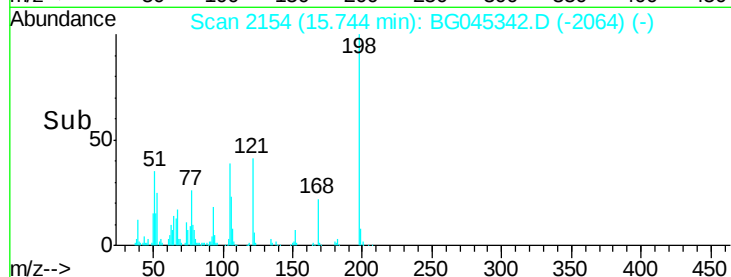
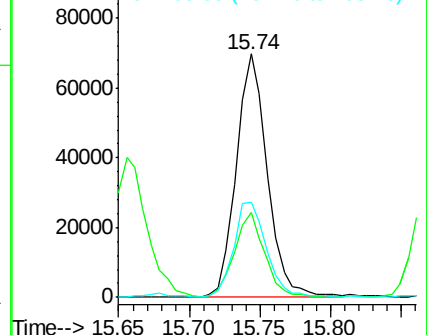
105 39.3 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.827 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

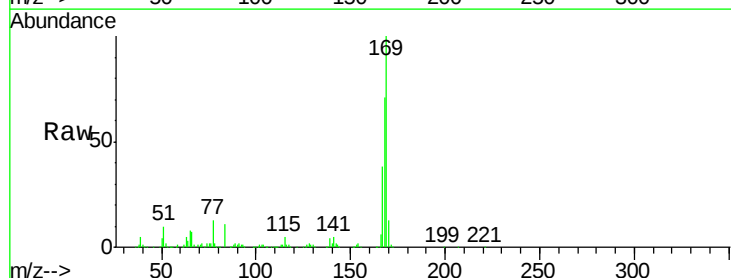
Tgt Ion:169 Resp: 447132

Ion Ratio Lower Upper

169 100

168 70.8 55.8 83.8

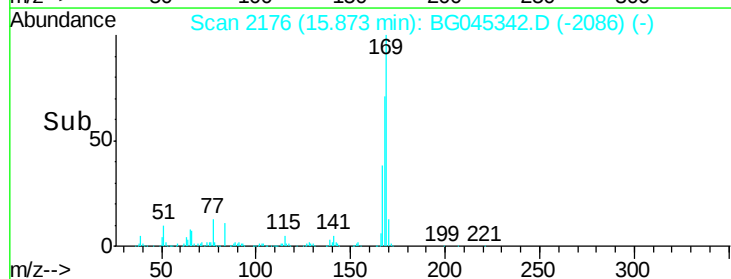
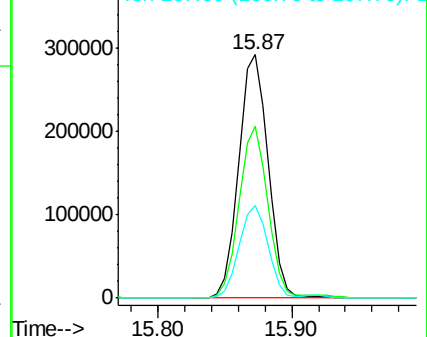
167 37.8 30.8 46.2

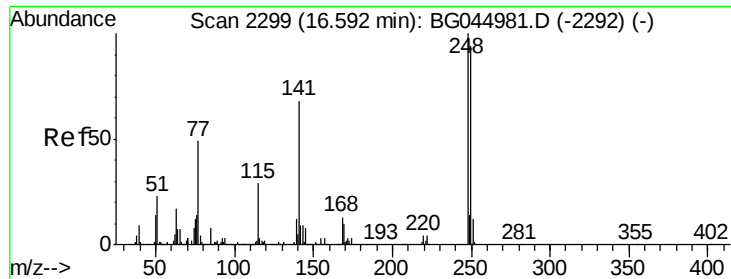


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

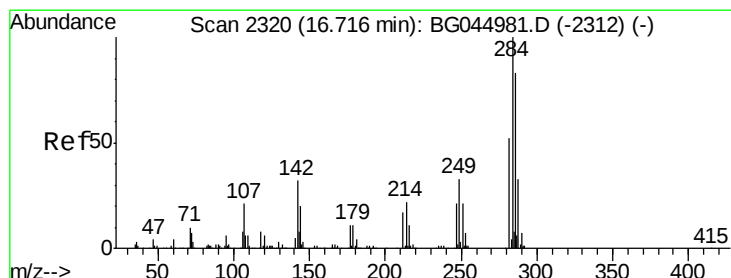
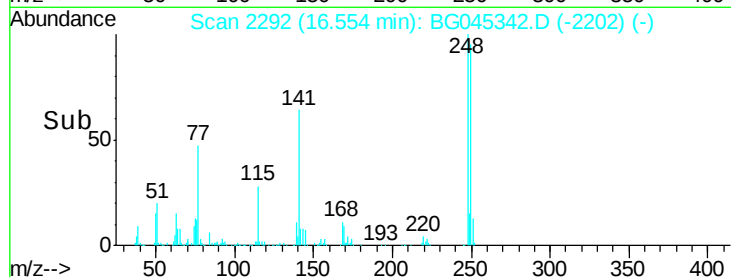
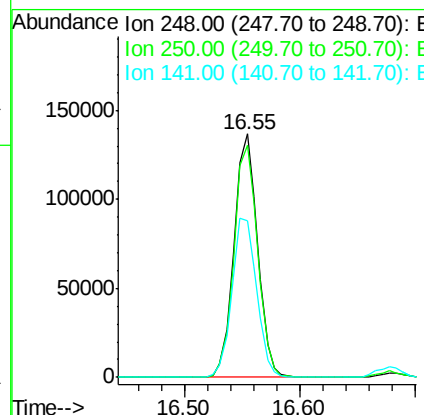
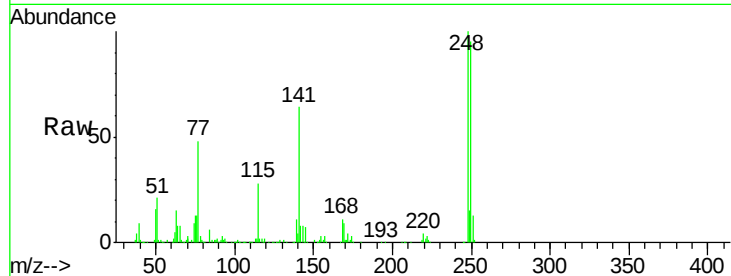




#67
4-Bromophenyl-phenylether
Concen: 35.416 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

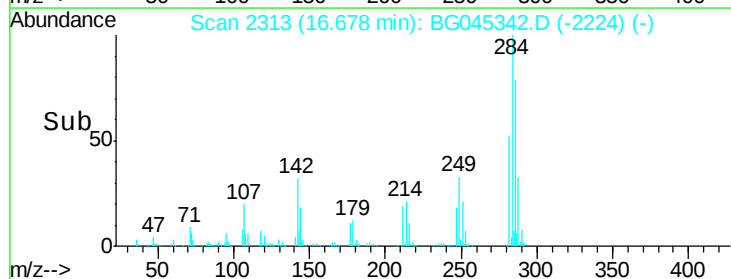
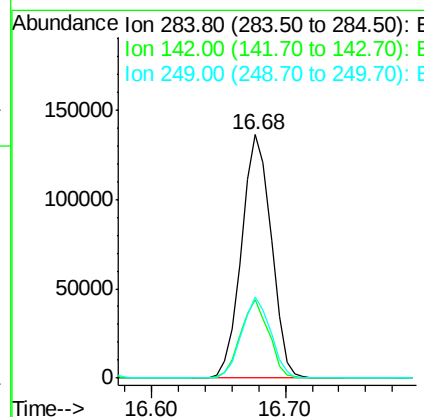
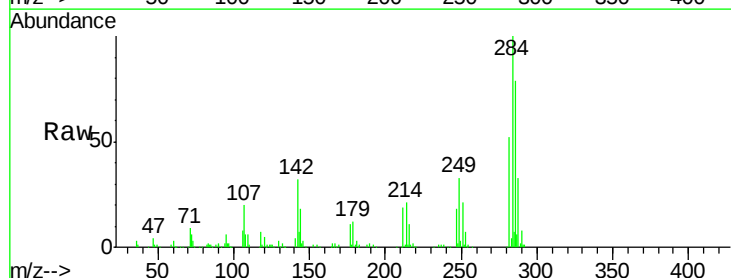
Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 193071
Ion Ratio Lower Upper
248 100
250 95.3 75.4 113.2
141 64.3 54.4 81.6



#68
Hexachlorobenzene
Concen: 37.035 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion:284 Resp: 209391
Ion Ratio Lower Upper
284 100
142 32.2 25.8 38.6
249 33.1 26.6 39.8





#69

Atrazine

Concen: 38.807 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

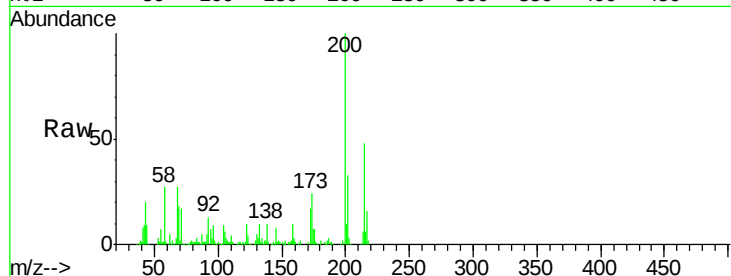
Tot Ion:200 Resp: 174764

Ion Ratio Lower Upper

200 100

173 24.0 4.5 44.5

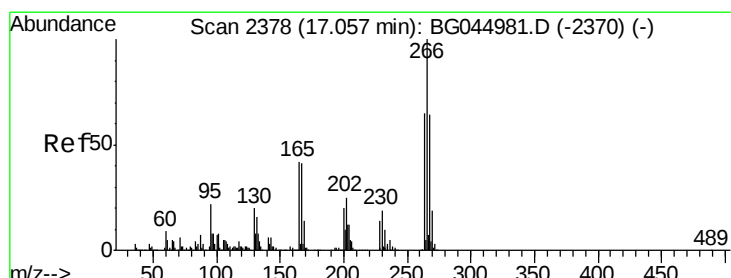
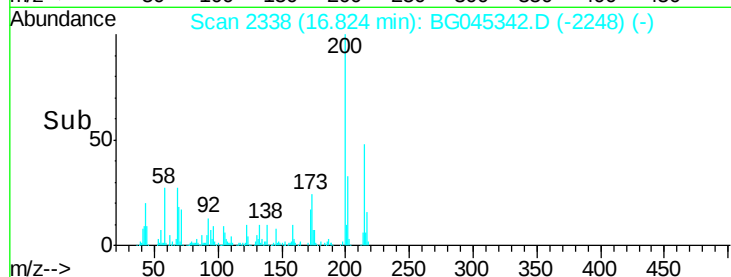
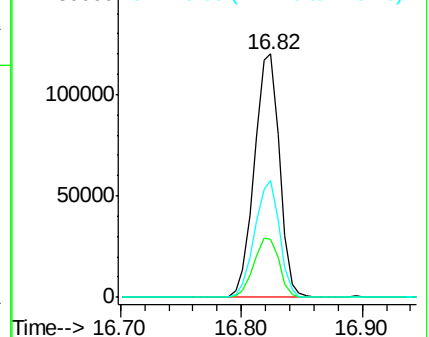
215 48.0 30.0 70.0



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: 72.604 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

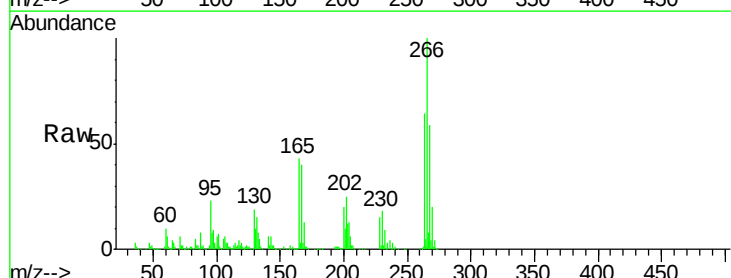
Tgt Ion:266 Resp: 251823

Ion Ratio Lower Upper

266 100

268 58.7 51.5 77.3

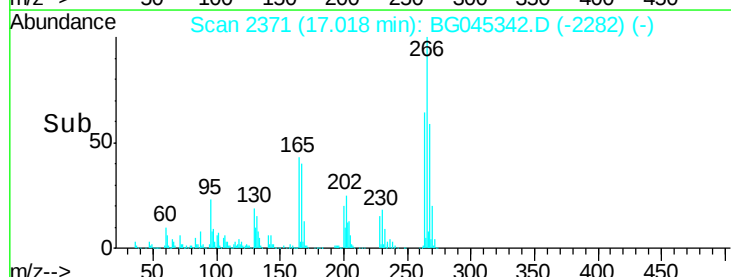
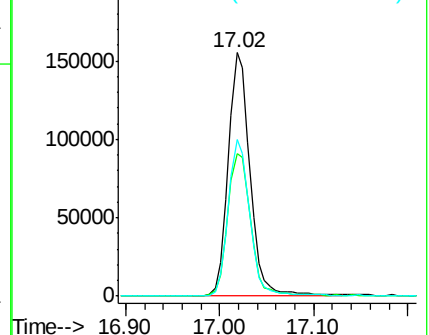
264 64.3 52.2 78.4

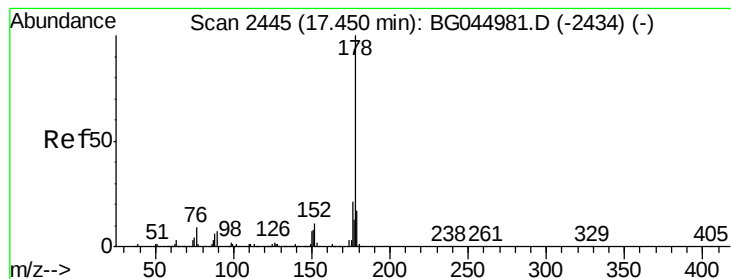


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.148 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

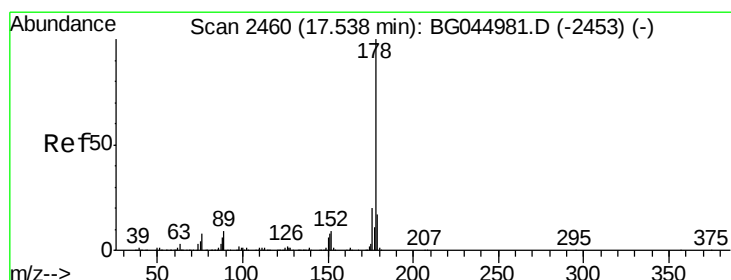
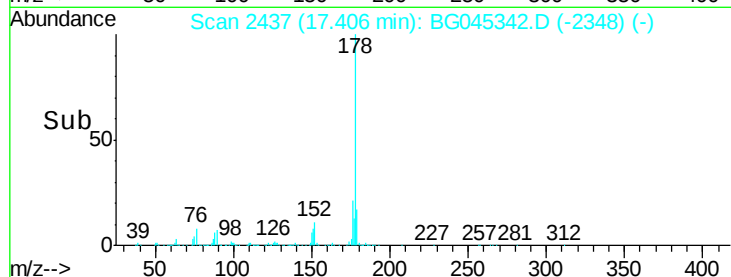
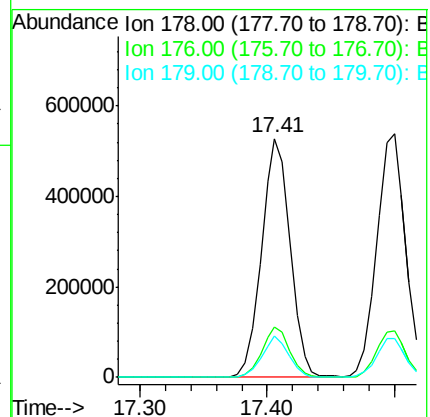
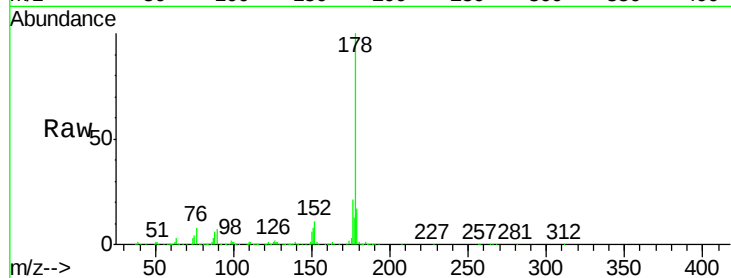
Tot Ion:178 Resp: 828377

Ion Ratio Lower Upper

178 100

176 21.1 16.8 25.2

179 17.4 13.2 19.8



#72

Anthracene

Concen: 39.150 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

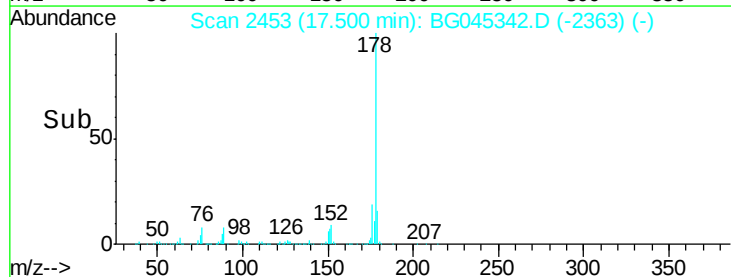
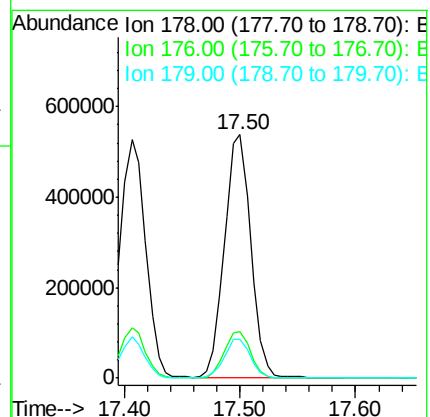
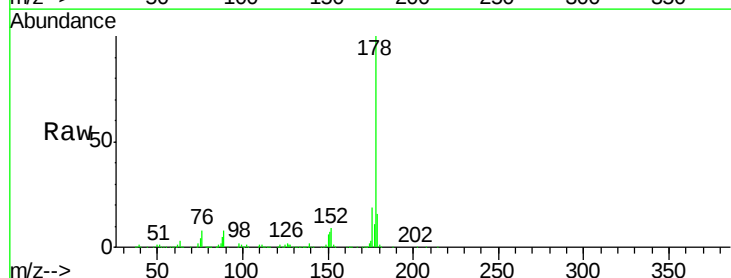
Tgt Ion:178 Resp: 852789

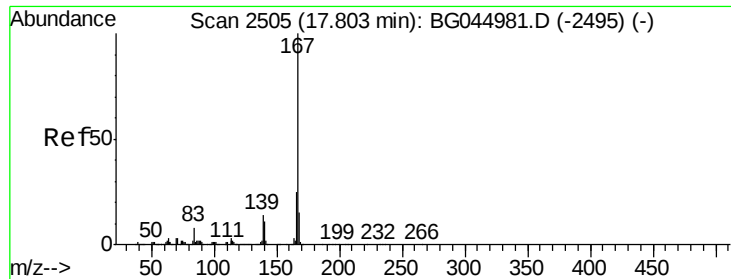
Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

179 16.2 13.6 20.4

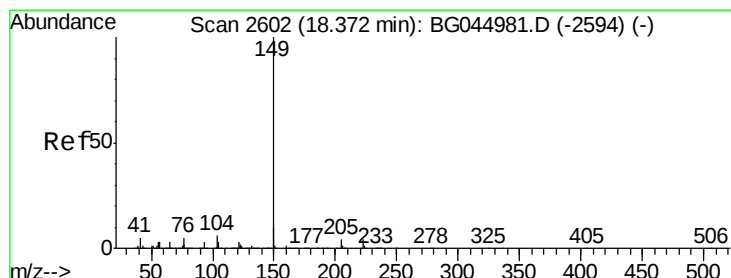
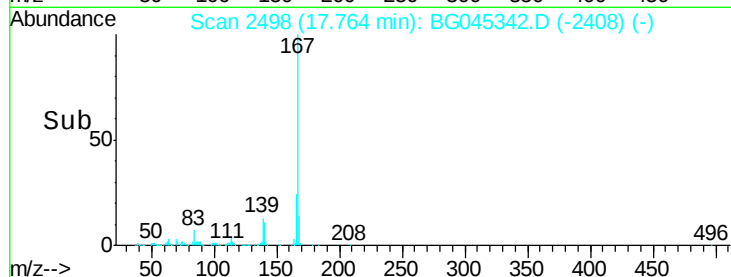
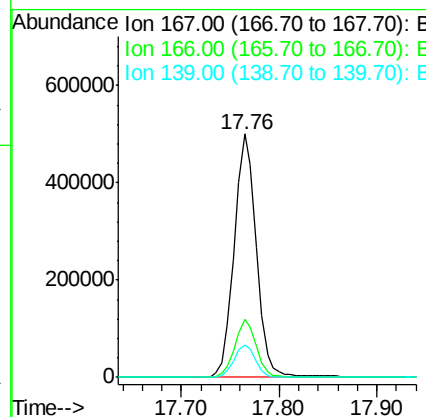
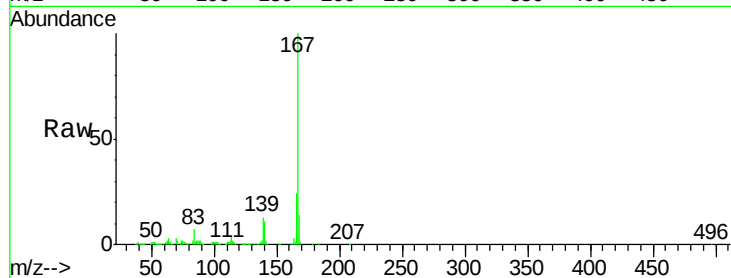




#73
 Carbazole
 Concen: 35.679 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

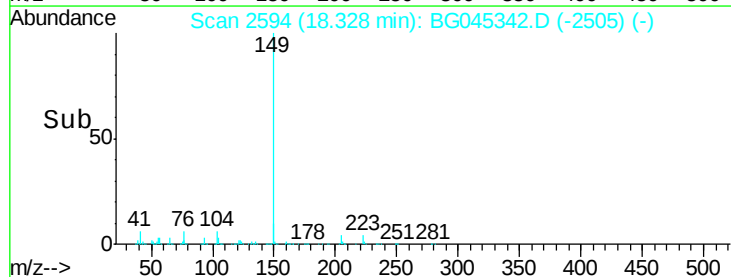
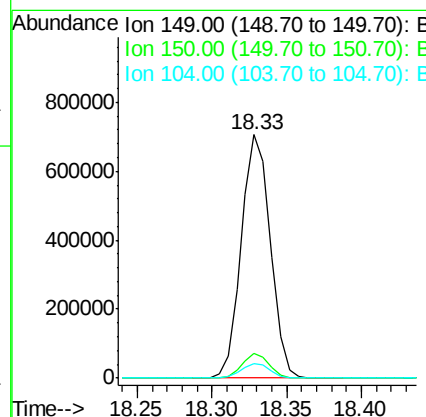
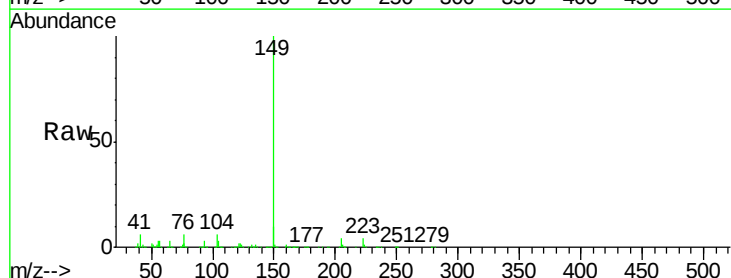
Instrument :
 BNA_G
 ClientSampleId :

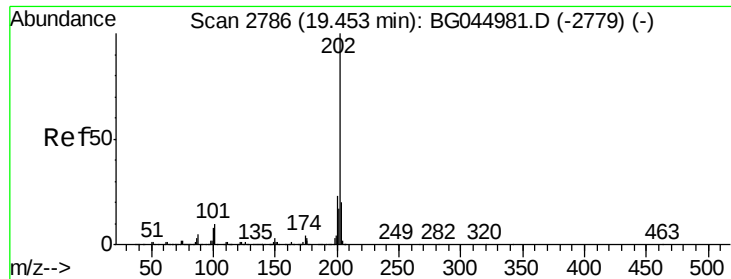
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.8	29.6
139	13.3	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 38.795 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	6.2	4.8	7.2

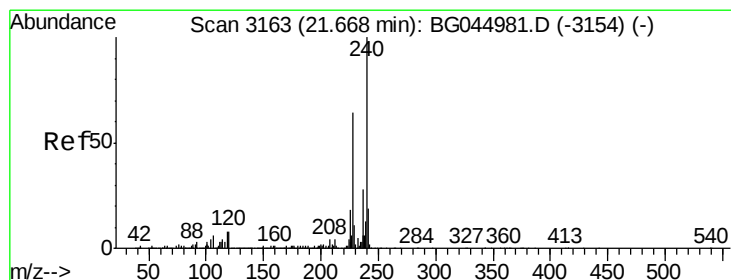
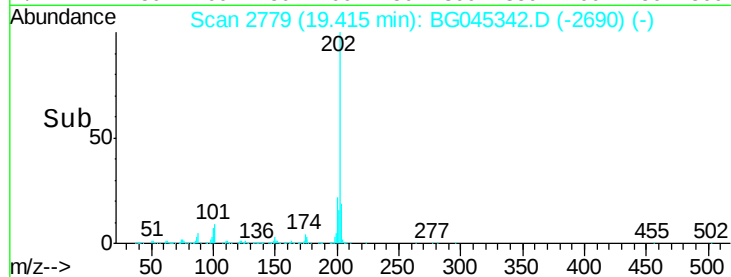
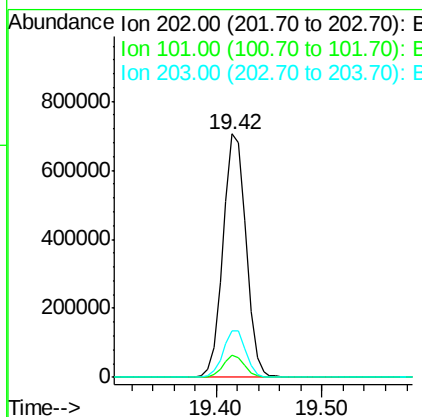
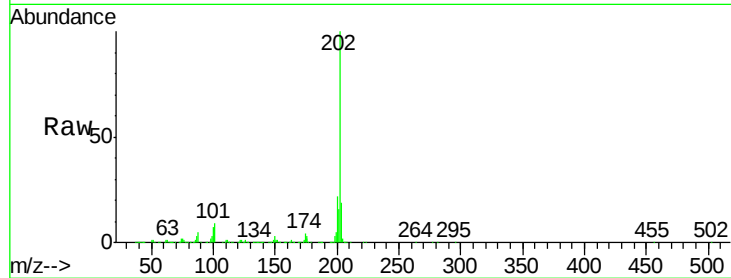




#75
 Fluoranthene
 Concen: 41.293 ng
 RT: 19.42 min Scan# 2779
 Delta R.T. -0.01 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

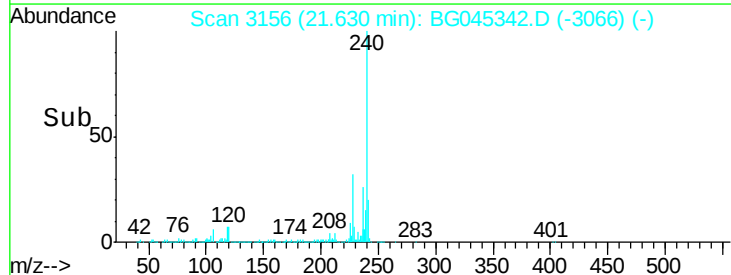
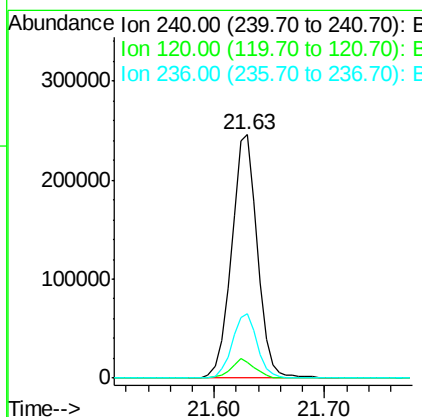
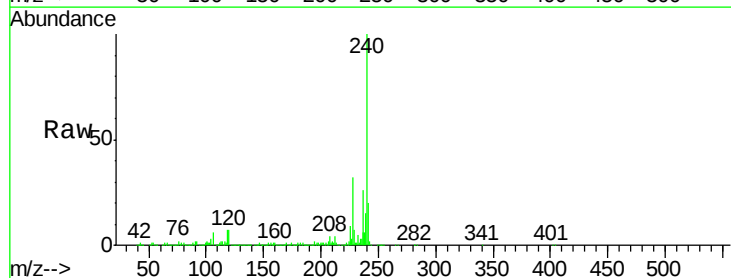
Instrument :
 BNA_G
 ClientSampleId :

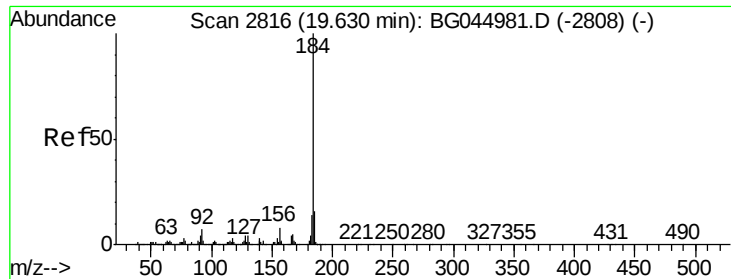
Tot Ion:202 Resp: 1066910
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 29.6
 203 19.2 0.0 39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG045342.D
 Acq: 12 May 2020 23:45

Tgt Ion:240 Resp: 402290
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.6 10.0#
 236 26.3 22.2 33.2





#77

Benzidine

Concen: 48.781 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampled :

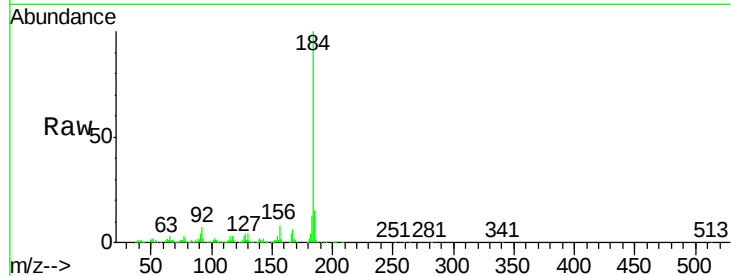
Tot Ion:184 Resp: 562566

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

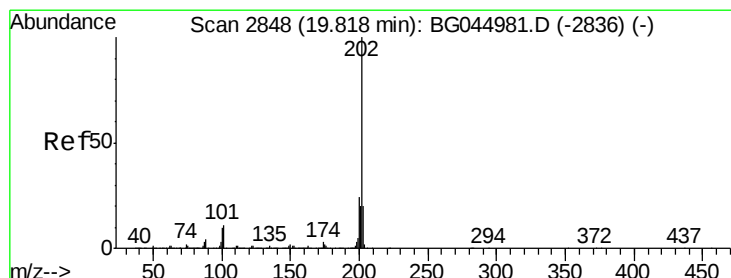
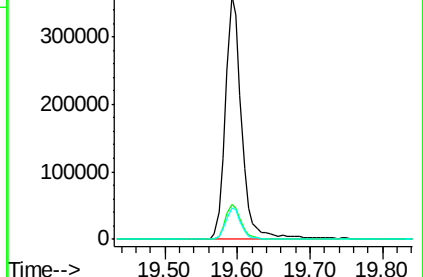
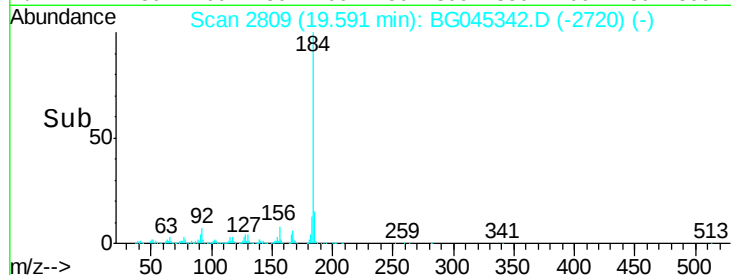
183 13.0 11.3 16.9



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: 38.372 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

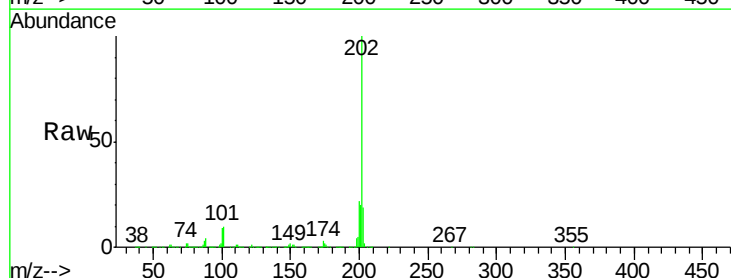
Tgt Ion:202 Resp: 1064201

Ion Ratio Lower Upper

202 100

200 22.4 19.0 28.6

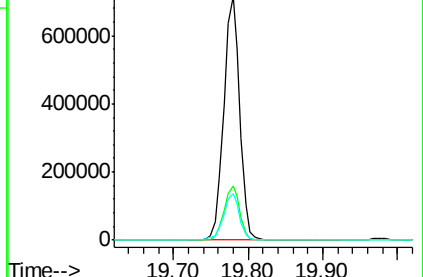
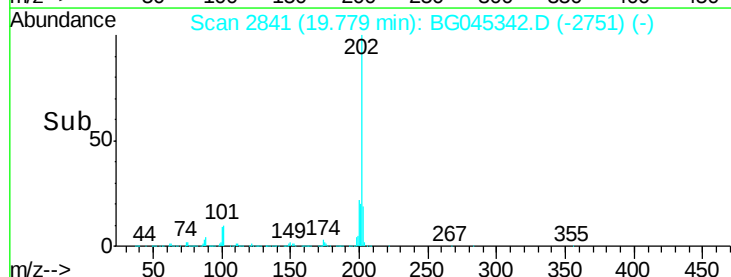
203 19.1 16.1 24.1

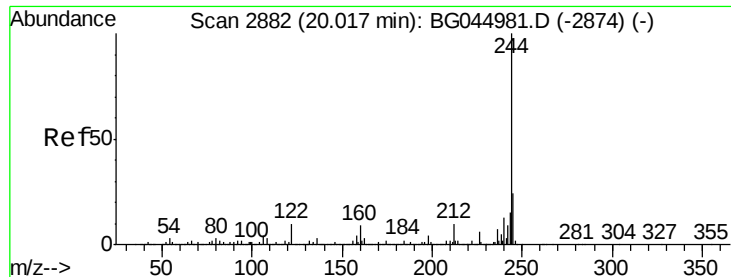


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.419 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

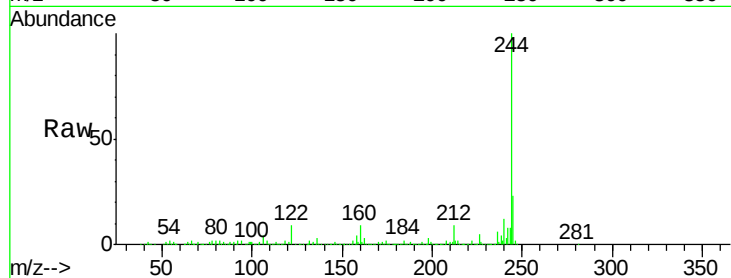
Tot Ion:244 Resp: 1576600

Ion Ratio Lower Upper

244 100

212 9.3 7.9 11.9

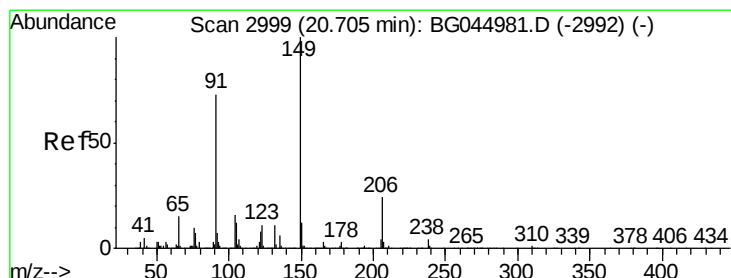
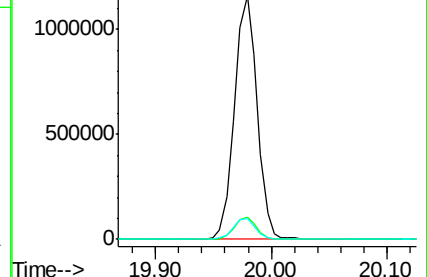
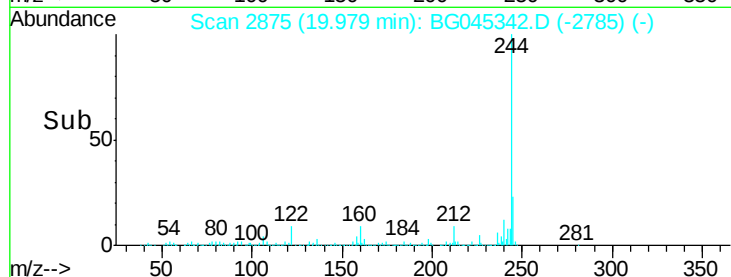
122 8.7 7.7 11.5



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: 38.173 ng

RT: 20.67 min Scan# 2992

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

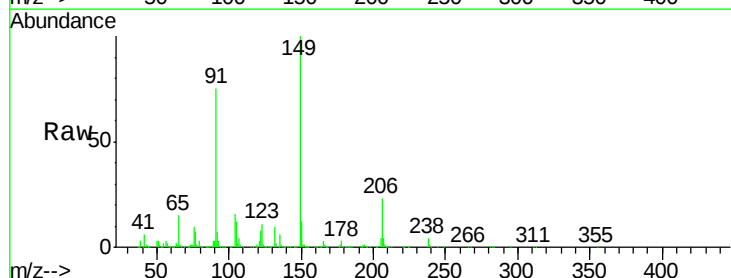
Tgt Ion:149 Resp: 438841

Ion Ratio Lower Upper

149 100

91 74.6 58.5 87.7

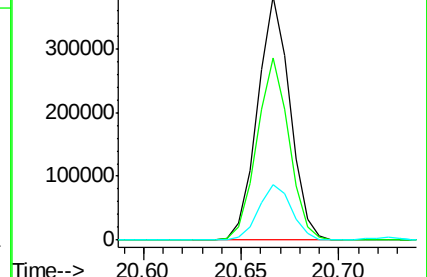
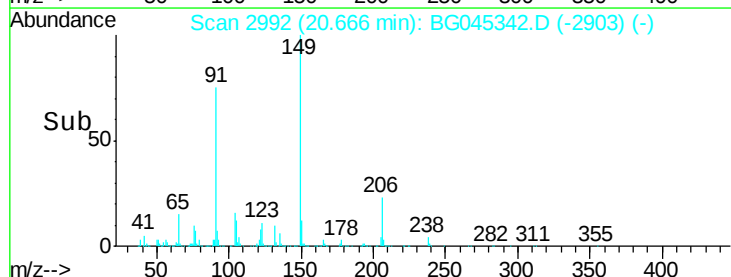
206 22.7 19.2 28.8

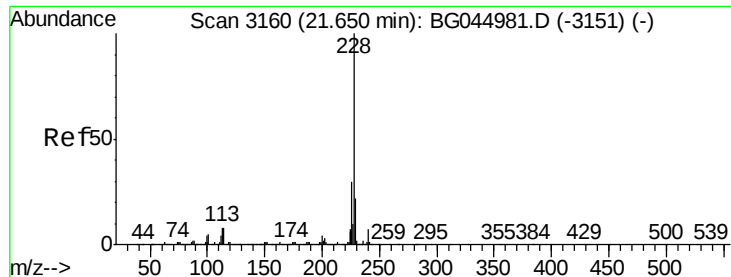


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.322 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

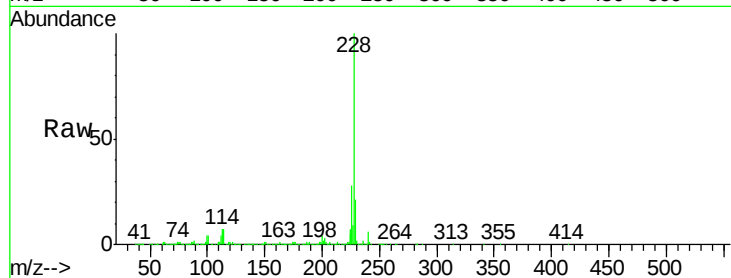
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1025276

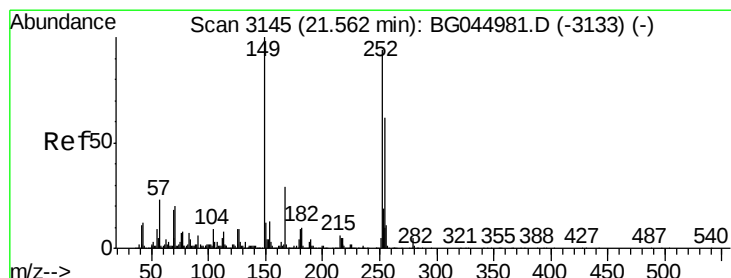
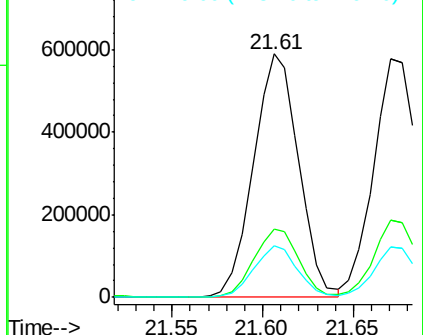
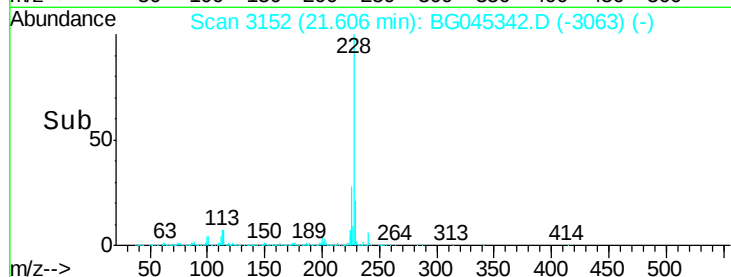
Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	21.4	17.5	26.3



Abundance Ion 228.00 (227.70 to 228.70): E

800000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.649 ng

RT: 21.52 min Scan# 3138

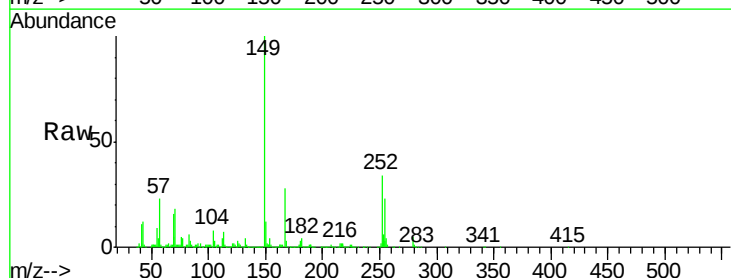
Delta R.T. -0.00 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:252 Resp: 255808

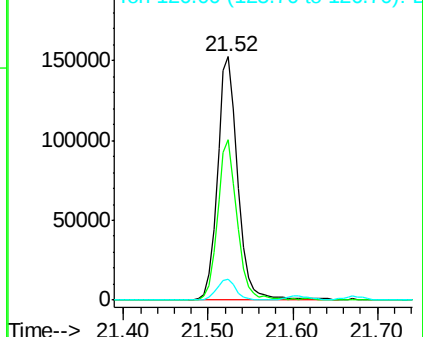
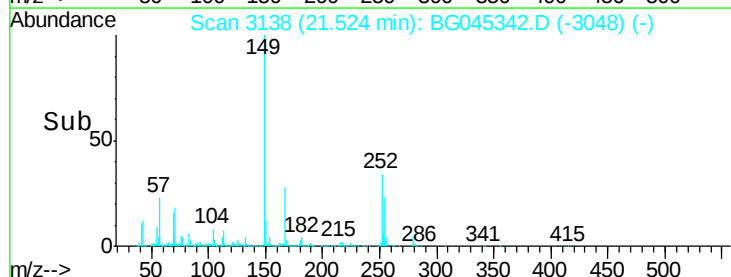
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.6	79.0
126	8.3	7.5	11.3



Abundance Ion 252.00 (251.70 to 252.70): E

200000 Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.895 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

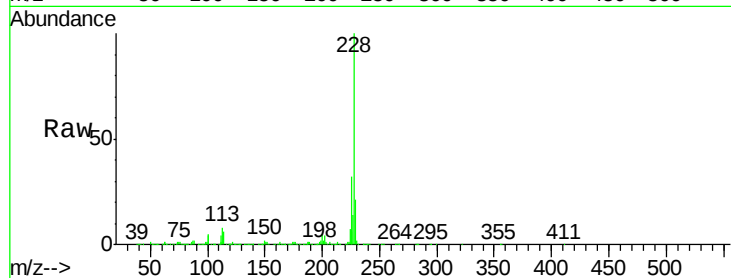
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 974424

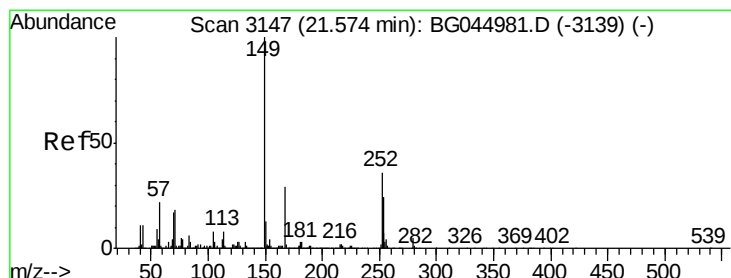
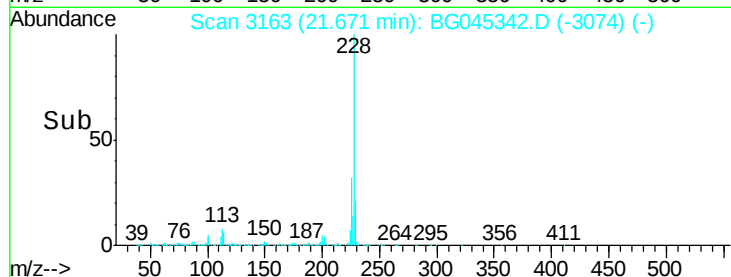
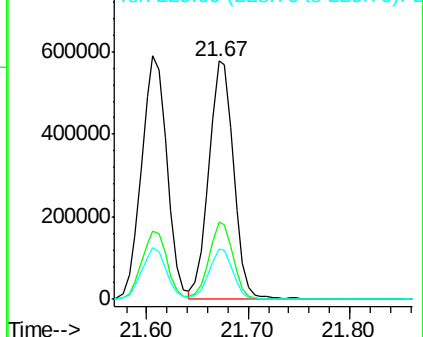
Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	21.0	17.0	25.6



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: 39.212 ng

RT: 21.52 min Scan# 3138

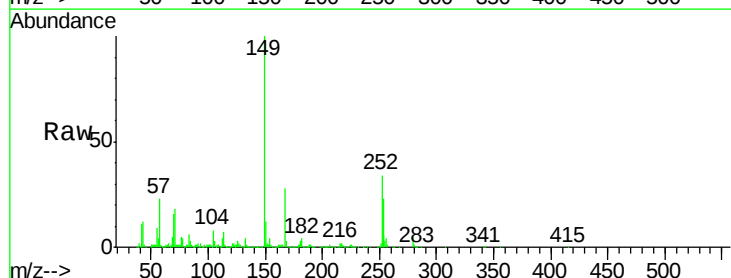
Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt Ion:149 Resp: 619981

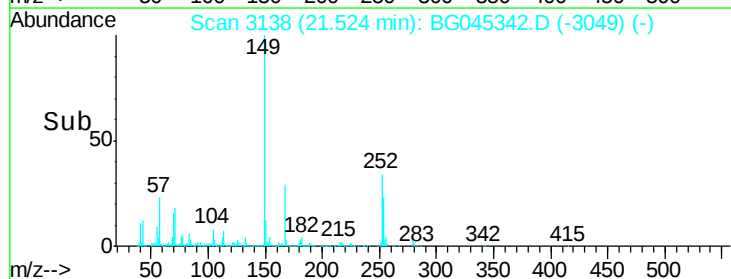
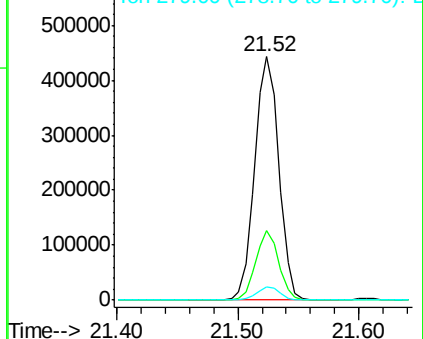
Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.4	4.3	6.5

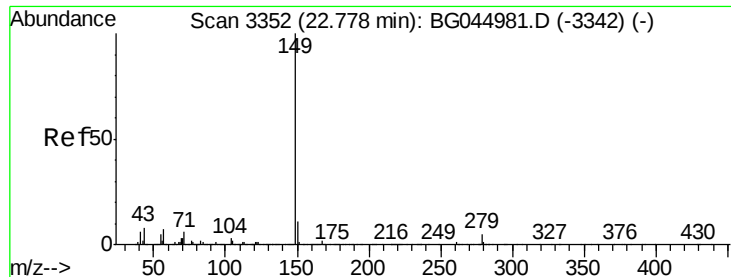


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.579 ng

RT: 22.72 min Scan# 3341

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

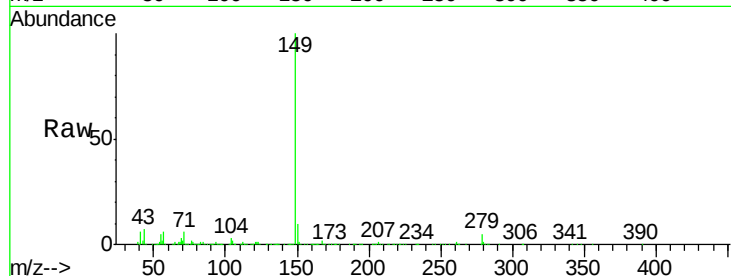
Tot Ion:149 Resp: 1054811

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

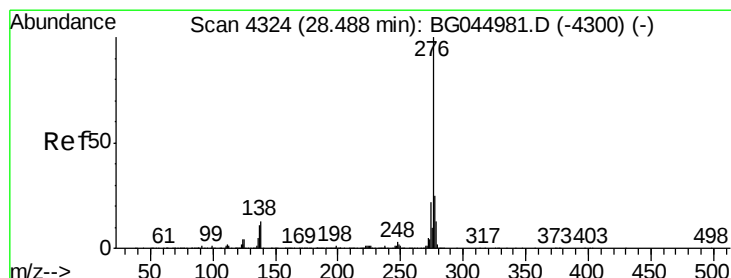
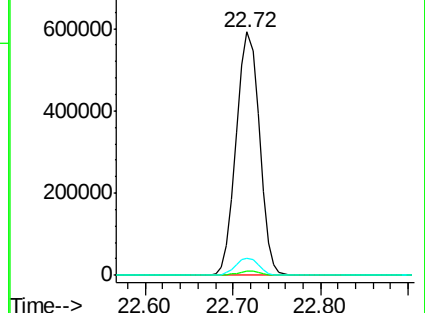
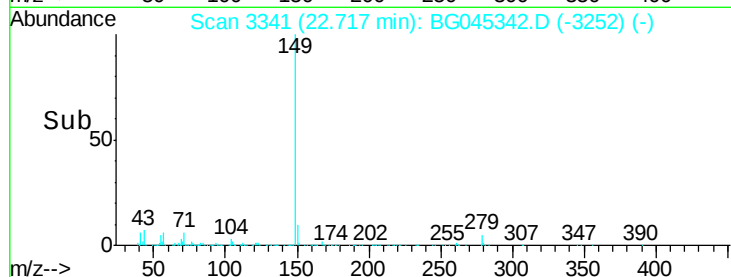
43 7.0 5.7 8.5



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.620 ng

RT: 28.38 min Scan# 4305

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

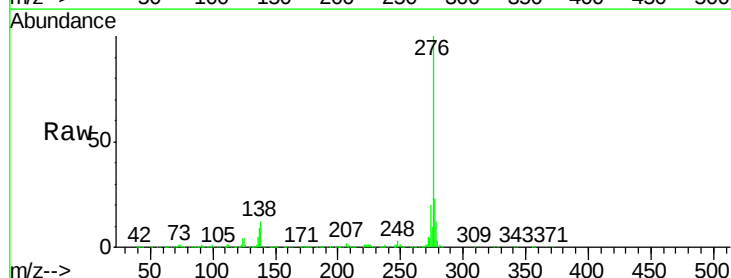
Tgt Ion:276 Resp: 1284579

Ion Ratio Lower Upper

276 100

138 15.6 9.6 14.4#

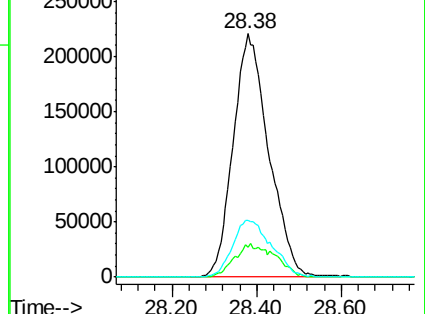
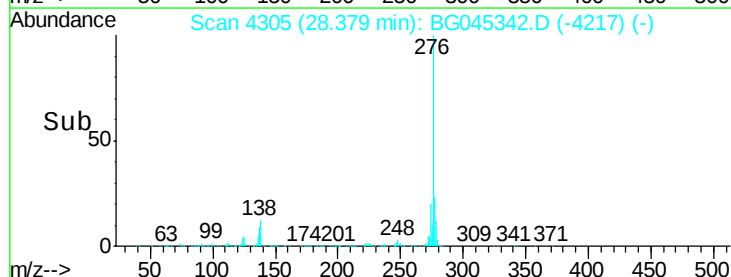
277 25.6 20.6 31.0

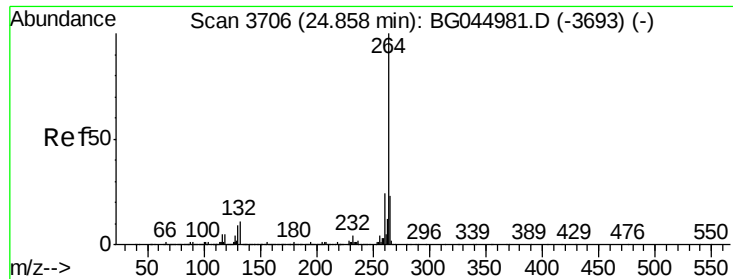


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG045342.D

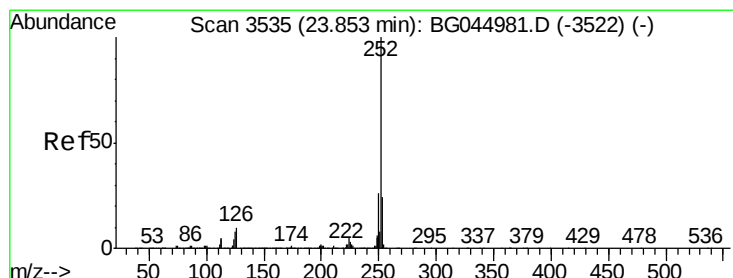
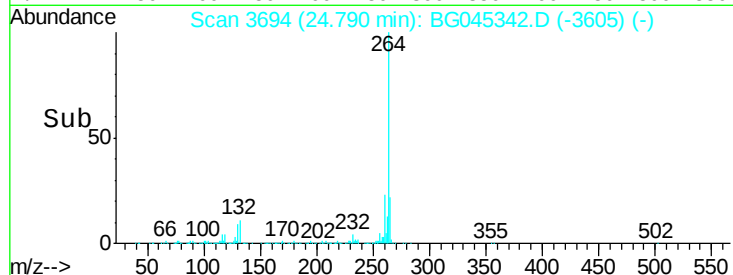
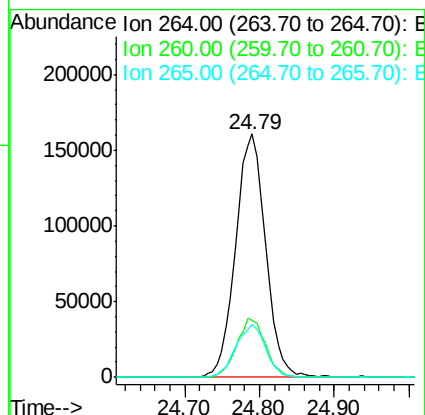
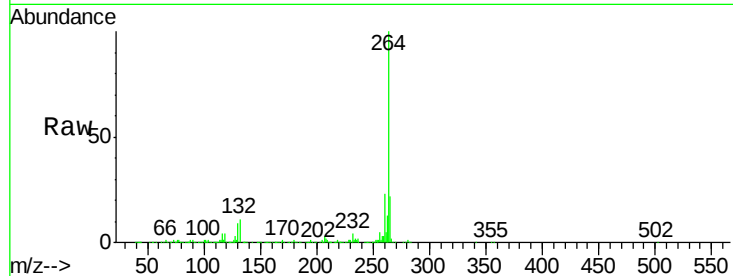
Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264	Resp: 449945
Ion Ratio	Lower Upper
264 100	
260 23.2	19.2 28.8
265 21.9	19.0 28.4



#88

Benzo(b)fluoranthene

Concen: 37.799 ng

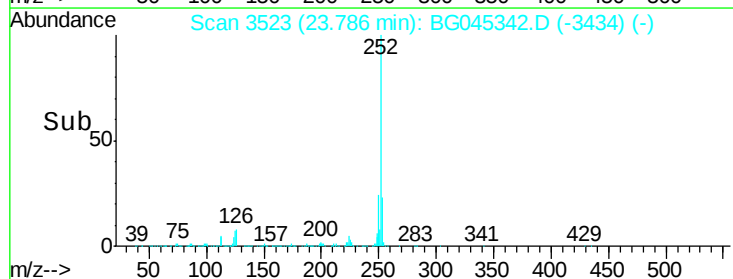
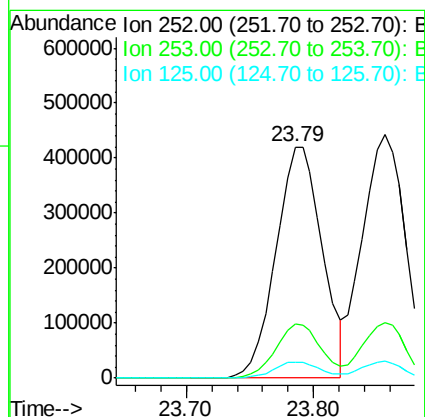
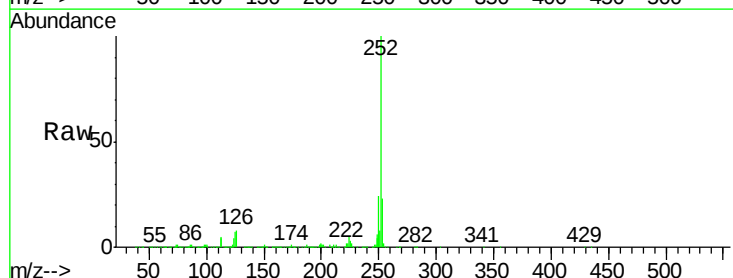
RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Tgt	Ion:252	Resp:	1065328
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.8	28.2
125	7.0	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 39.453 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

Instrument :

BNA_G

ClientSampleId :

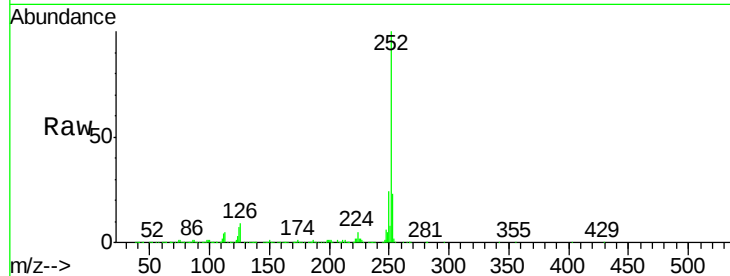
Tot Ion:252 Resp: 1057478

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

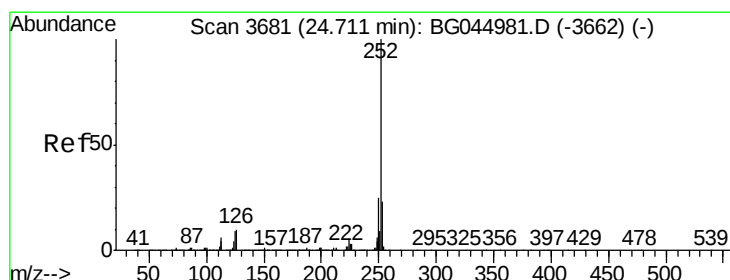
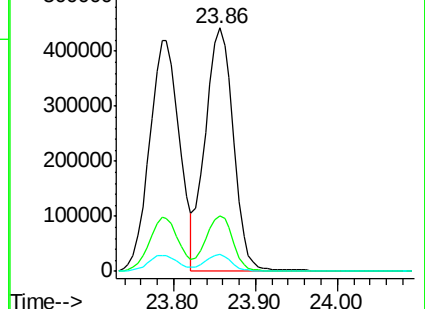
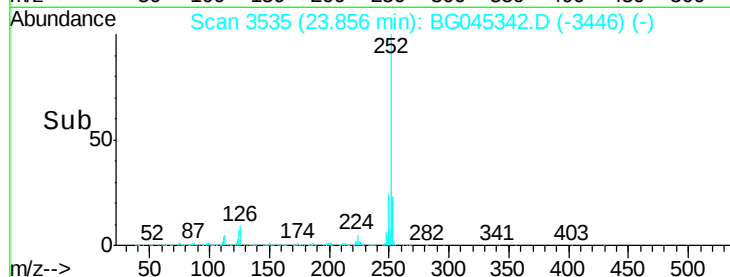
125 7.2 5.9 8.9



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: 37.700 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG045342.D

Acq: 12 May 2020 23:45

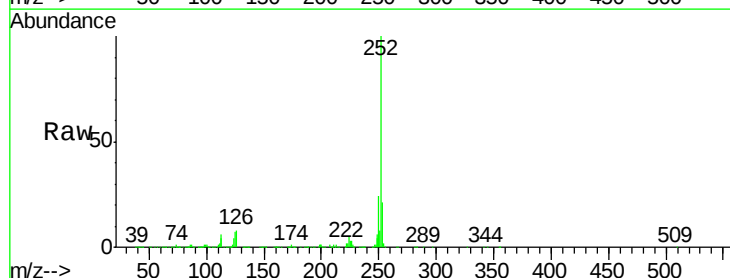
Tgt Ion:252 Resp: 1003224

Ion Ratio Lower Upper

252 100

253 21.2 18.3 27.5

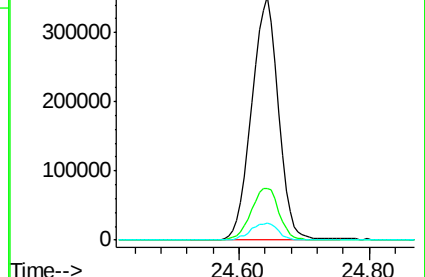
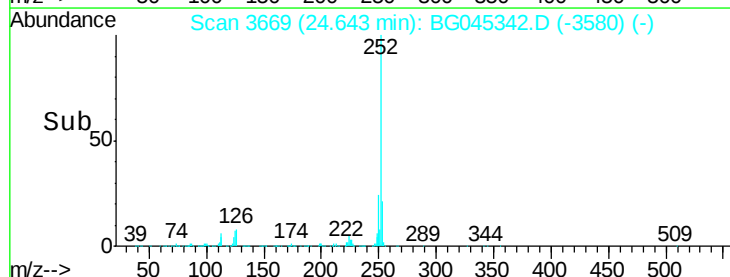
125 7.0 7.0 10.6#



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

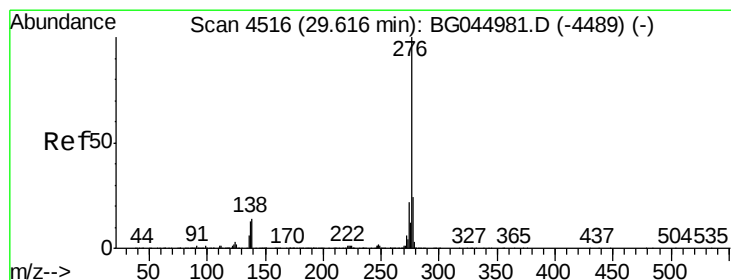
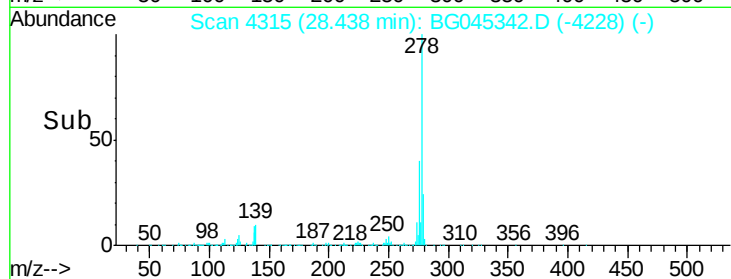
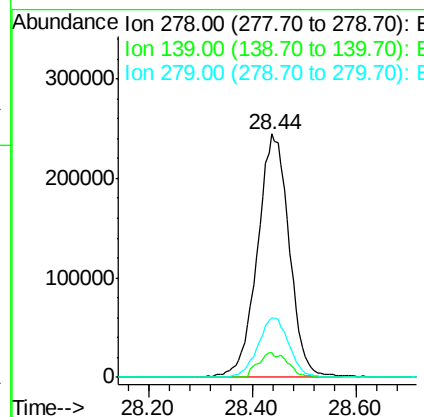
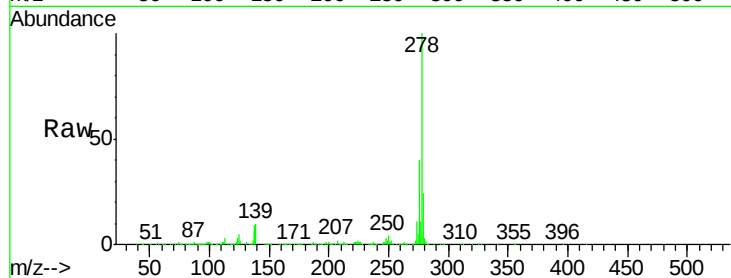




#91
Dibenzo(a,h)anthracene
Concen: 38.888 ng
RT: 28.44 min Scan# 4315
Delta R.T. -0.02 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1042736
Ion Ratio Lower Upper
278 100
139 10.0 9.0 13.6
279 24.5 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 39.633 ng
RT: 29.50 min Scan# 4496
Delta R.T. -0.01 min
Lab File: BG045342.D
Acq: 12 May 2020 23:45

Tgt Ion:276 Resp: 1065420
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 13.2 11.4 17.2

