

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
 Data File : BG045193.D
 Acq On : 28 Apr 2020 20:13
 Operator : CG/JU
 Sample : L2428-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 01:18:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 28 14:34:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64319	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	265239	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	201348	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	477155	20.00	ng	0.00
76) Chrysene-d12	21.65	240	432310	20.00	ng	0.00
87) Perylene-d12	24.82	264	491422	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	371114	95.26	ng	0.00
7) Phenol-d6	7.16	99	572629	98.93	ng	0.00
23) Nitrobenzene-d5	9.15	82	366478	63.04	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	333861	107.33	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	934017	68.02	ng	0.00
79) Terphenyl-d14	19.99	244	1674177	84.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	36221	20.920	ng	99
3) Pyridine	3.85	79	129218	24.239	ng	99
4) n-Nitrosodimethylamine	3.76	42	59041	36.154	ng	92
6) Aniline	7.31	93	300033	39.867	ng	97
8) 2-Chlorophenol	7.56	128	186603	44.567	ng	99
9) Benzaldehyde	7.12	77	71941	17.439	ng	98
10) Phenol	7.18	94	266741	46.051	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	174610	37.863	ng	92
12) 1,3-Dichlorobenzene	7.88	146	179862	36.455	ng	98
13) 1,4-Dichlorobenzene	8.03	146	177502	36.105	ng	98
14) 1,2-Dichlorobenzene	8.35	146	176834	37.597	ng	91
15) Benzyl Alcohol	8.23	79	203272	41.886	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	161403	35.654	ng	97
17) 2-Methylphenol	8.43	107	179421	40.148	ng	97
18) Hexachloroethane	9.08	117	69315	37.504	ng	96
19) n-Nitroso-di-n-propylamine	8.80	70	176902	43.215	ng	96
20) 3+4-Methylphenols	8.76	107	254897	40.749	ng	97
22) Acetophenone	8.81	105	307802	42.913	ng	# 98
24) Nitrobenzene	9.19	77	247329	41.508	ng	96
25) Isophorone	9.72	82	507644	42.644	ng	99
26) 2-Nitrophenol	9.91	139	117969	45.963	ng	98
27) 2,4-Dimethylphenol	9.97	122	195467	47.997	ng	92
28) bis(2-Chloroethoxy)methane	10.20	93	270149	43.192	ng	97
29) 2,4-Dichlorophenol	10.45	162	219829	46.748	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	223078	41.899	ng	95
31) Naphthalene	10.85	128	617846	42.581	ng	99
32) Benzoic acid	10.13	122	151574	46.328	ng	94
33) 4-Chloroaniline	10.95	127	202362	29.905	ng	96
34) Hexachlorobutadiene	11.14	225	147462	40.397	ng	98
35) Caprolactam	11.72	113	51834	27.696	ng	92
36) 4-Chloro-3-methylphenol	12.09	107	272929	49.407	ng	97
37) 2-Methylnaphthalene	12.46	142	509797	45.266	ng	95
38) 1-Methylnaphthalene	12.68	142	483845	45.508	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	280596	43.283	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	378398	93.388	nq	98
43) 2,4,6-Trichlorophenol	13.07	196	216159	47.244	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	239227	45.935	nq	98
46) 1,1'-Biphenyl	13.46	154	661580	43.230	nq	99
47) 2-Chloronaphthalene	13.51	162	518922	44.376	nq	99
48) 2-Nitroaniline	13.70	65	173876	45.193	nq	96
49) Acenaphthylene	14.36	152	879326	46.165	nq	99
50) Dimethylphthalate	14.09	163	875188	53.383	nq	99
51) 2,6-Dinitrotoluene	14.20	165	172509	47.043	nq	99
52) Acenaphthene	14.70	154	545133	42.300	nq	96
53) 3-Nitroaniline	14.53	138	139819	34.765	nq	98
54) 2,4-Dinitrophenol	14.74	184	228762	104.912	nq	92
55) Dibenzofuran	15.03	168	860290	45.787	nq	97
56) 4-Nitrophenol	14.85	139	280782	90.040	nq	94
57) 2,4-Dinitrotoluene	14.99	165	249896	46.631	nq	96
58) Fluorene	15.68	166	729597	47.540	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	232719	50.220	nq	98
60) Diethylphthalate	15.45	149	783417	45.832	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	403742	45.706	nq	95
62) 4-Nitroaniline	15.70	138	173461	41.583	nq	95
63) Azobenzene	15.96	77	734865	46.631	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	164681	52.507	nq	98
66) n-Nitrosodiphenylamine	15.89	169	661587	48.257	nq	99
67) 4-Bromophenyl-phenylether	16.57	248	285135	46.321	nq	98
68) Hexachlorobenzene	16.69	284	304384	47.678	nq	98
69) Atrazine	16.84	200	273906	55.939	nq	99
70) Pentachlorophenol	17.03	266	388388	99.168	nq	98
71) Phenanthrene	17.42	178	1185574	48.352	nq	99
72) Anthracene	17.52	178	1209849	49.189	nq	99
73) Carbazole	17.78	167	1109825	44.464	nq	99
74) Di-n-butylphthalate	18.34	149	1318422	49.074	nq	99
75) Fluoranthene	19.43	202	1430444	50.370	nq	99
77) Benzidine	19.61	184	989760	84.238	nq	99
78) Pyrene	19.79	202	1394038	46.774	nq	99
80) Butylbenzylphthalate	20.68	149	579437	46.903	nq	100
81) Benzo(a)anthracene	21.63	228	1325385	47.302	nq	100
82) 3,3'-Dichlorobenzidine	21.54	252	459016	41.158	nq	99
83) Chrysene	21.69	228	1308751	48.613	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	810198	47.684	nq	100
85) Di-n-octyl phthalate	22.74	149	1403542	47.769	nq	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1767675	49.454	nq	# 95
88) Benzo(b)fluoranthene	23.82	252	1461379	47.474	nq	99
89) Benzo(k)fluoranthene	23.88	252	1451133	49.571	nq	99
90) Benzo(a)pyrene	24.68	252	1362266	46.872	nq	98
91) Dibenzo(a,h)anthracene	28.49	278	1416897	48.382	nq	97
92) Benzo(g,h,i)perylene	29.56	276	1418464	48.312	nq	97

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

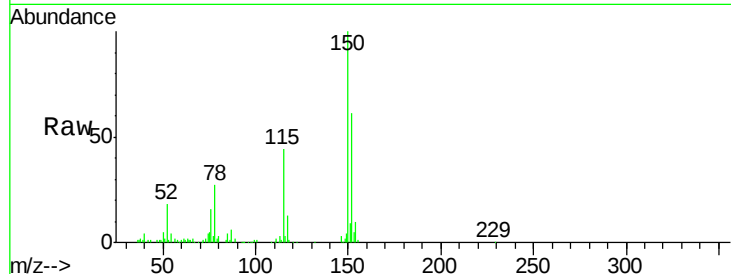


#1

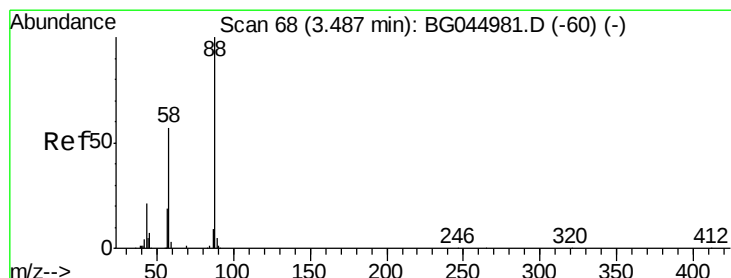
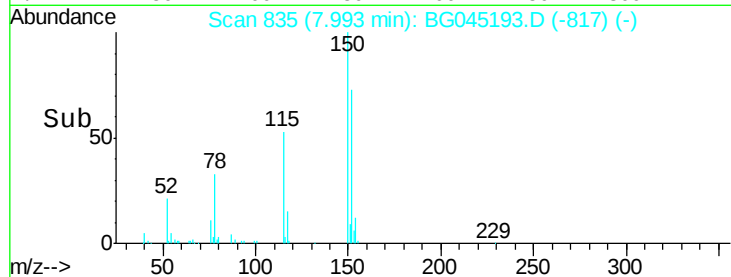
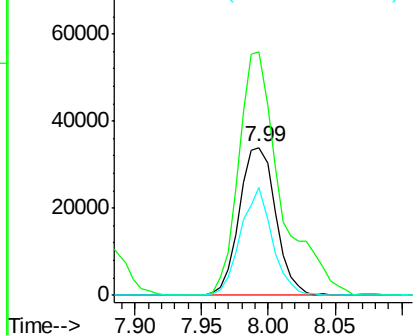
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64319
Ion Ratio Lower Upper
152 100
150 164.9 123.6 185.4
115 72.7 49.1 73.7



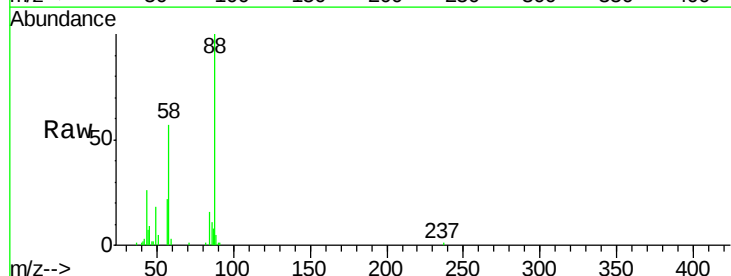
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



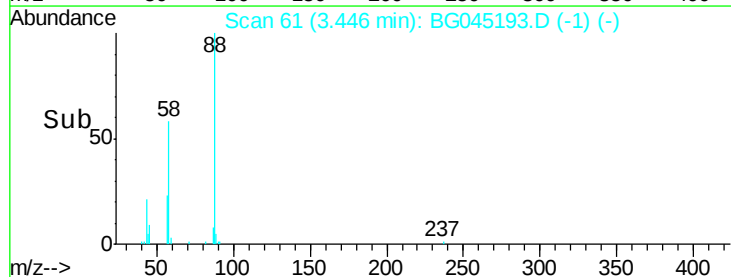
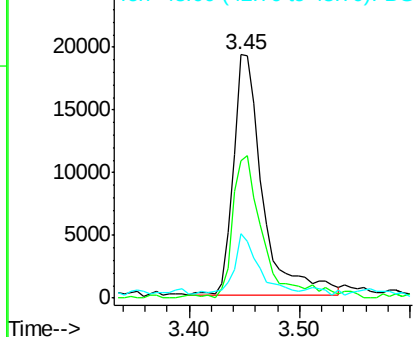
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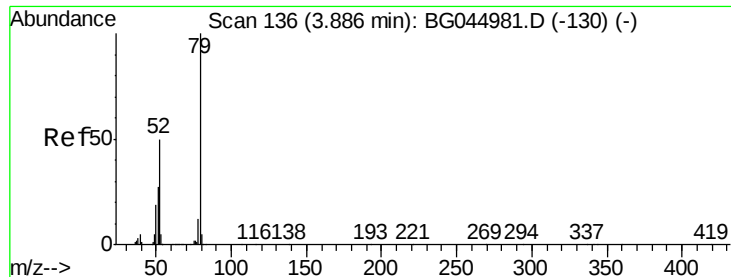
1,4-Dioxane
Concen: 20.920 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion: 88 Resp: 36221
Ion Ratio Lower Upper
88 100
58 57.6 46.6 69.8
43 21.4 17.5 26.3



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





#3

Pvridine

Concen: 24.239 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

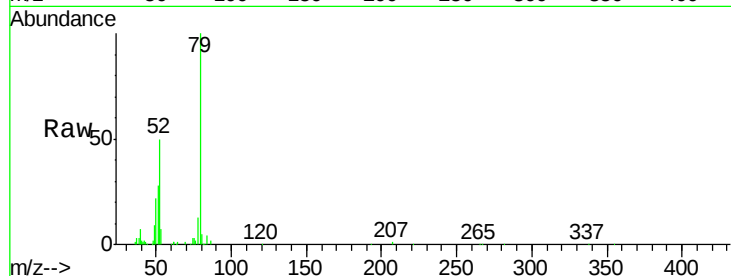
Tot Ion: 79 Resp: 129218

Ion Ratio Lower Upper

79 100

52 50.2 39.8 59.6

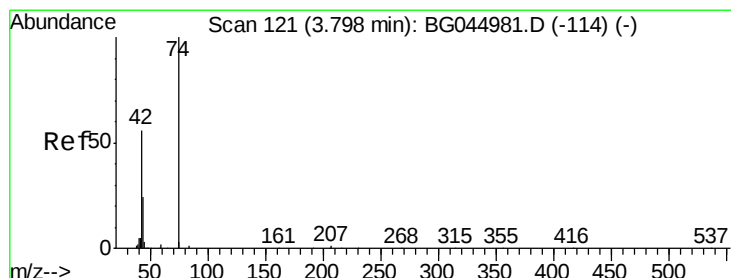
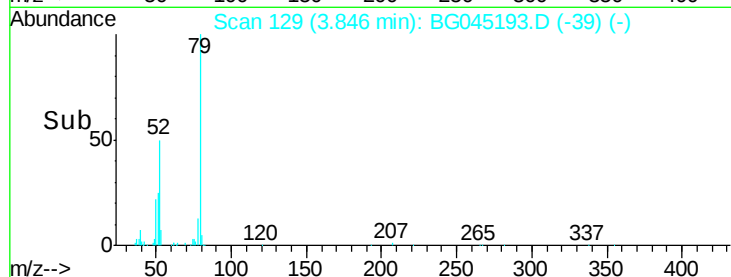
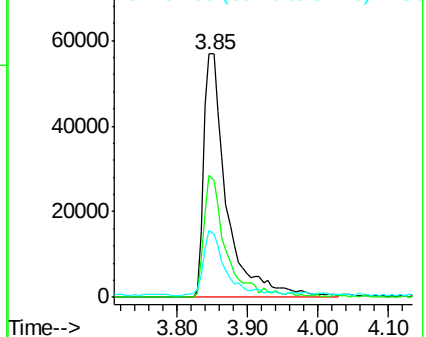
51 27.6 21.4 32.2



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: 36.154 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

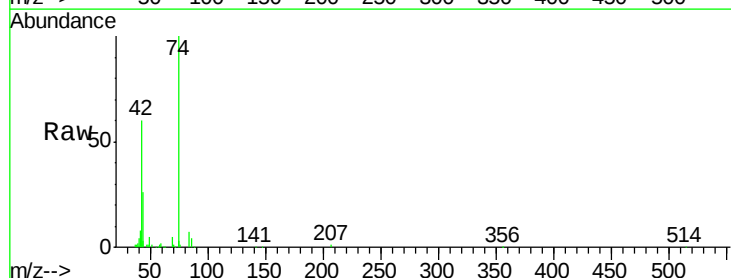
Tgt Ion: 42 Resp: 59041

Ion Ratio Lower Upper

42 100

74 167.8 143.0 214.6

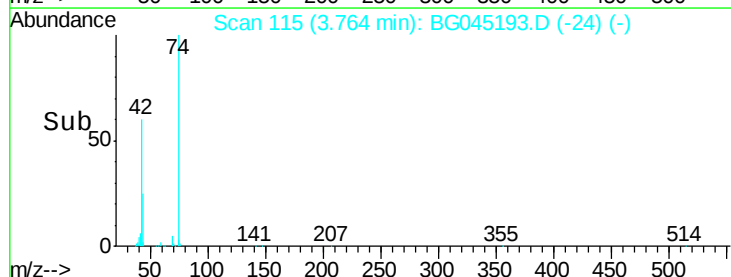
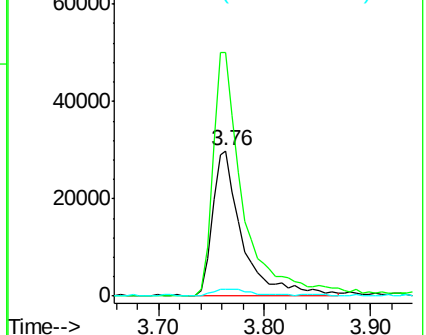
44 4.9 4.6 6.8



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: 95.258 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

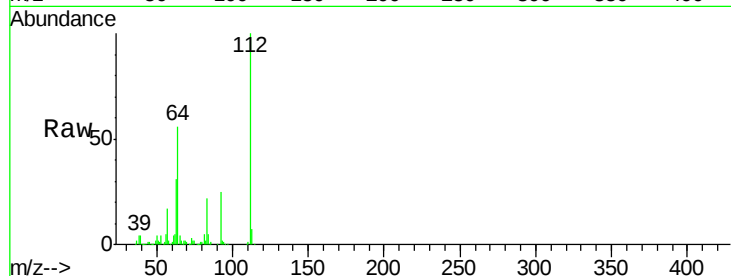
Tot Ion:112 Resp: 371114

Ion Ratio Lower Upper

112 100

64 55.5 42.4 63.6

63 30.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

250000

200000

150000

100000

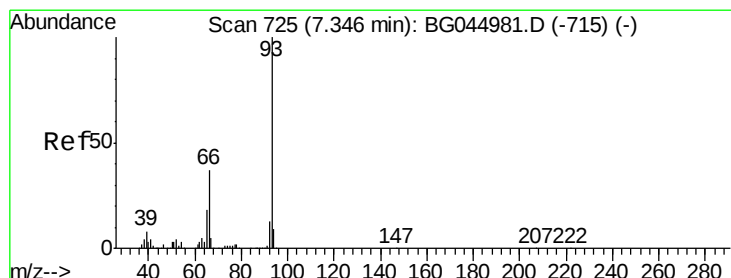
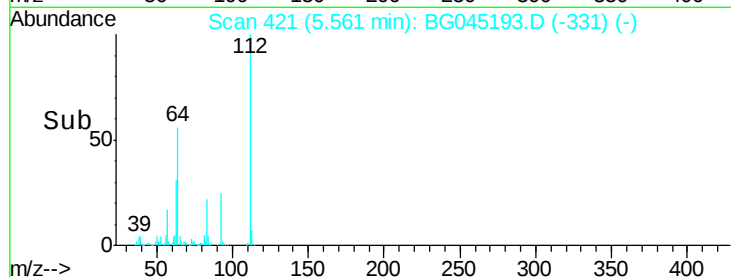
50000

0

5.56

5.50 5.60 5.70

Time-->



#6

Aniline

Concen: 39.867 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

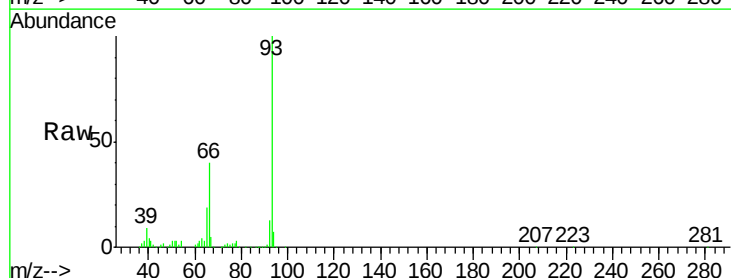
Tgt Ion: 93 Resp: 300033

Ion Ratio Lower Upper

93 100

66 39.6 29.8 44.8

65 18.6 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

200000

150000

100000

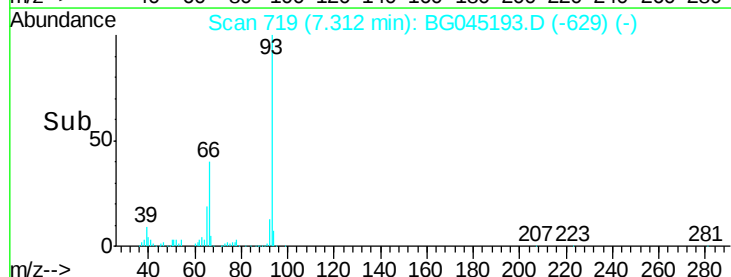
50000

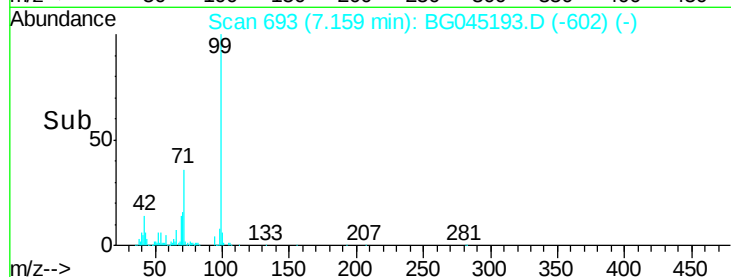
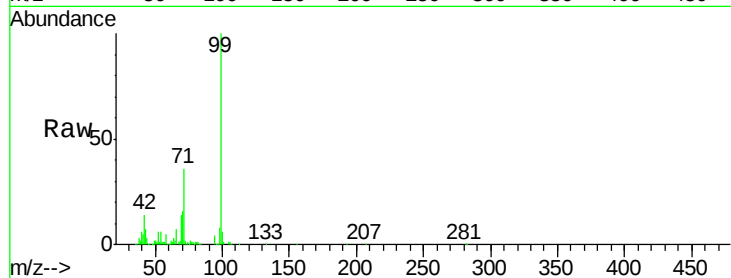
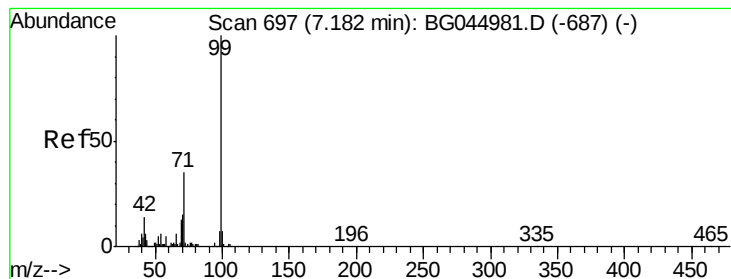
0

7.31

7.25 7.30 7.35 7.40

Time-->





#7

Phenol-d6

Concen: 98.928 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

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ClientSampleId :

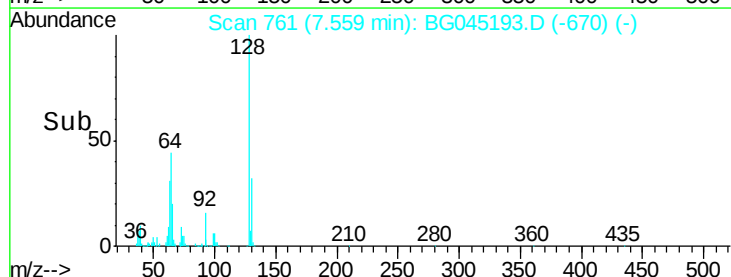
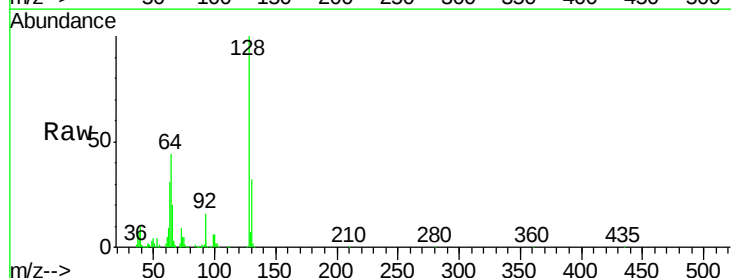
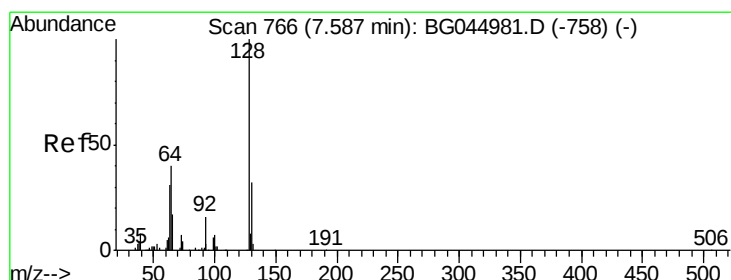
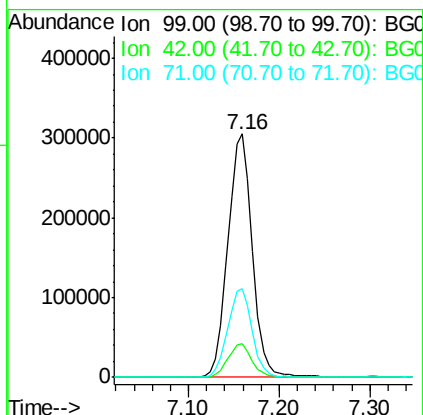
Tot Ion: 99 Resp: 572629

Ion Ratio Lower Upper

99 100

42 13.6 11.3 16.9

71 36.3 28.3 42.5



#8

2-Chlorophenol

Concen: 44.567 ng

RT: 7.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

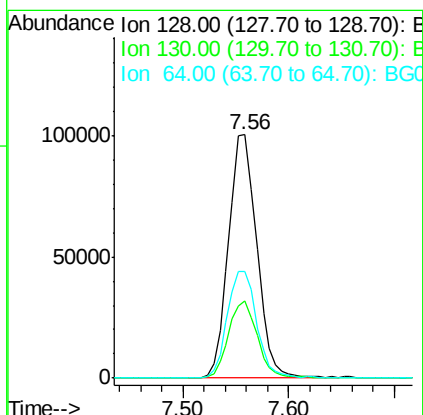
Tgt Ion: 128 Resp: 186603

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

64 43.8 24.4 64.4





#9

Benzaldehyde

Concen: 17.439 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

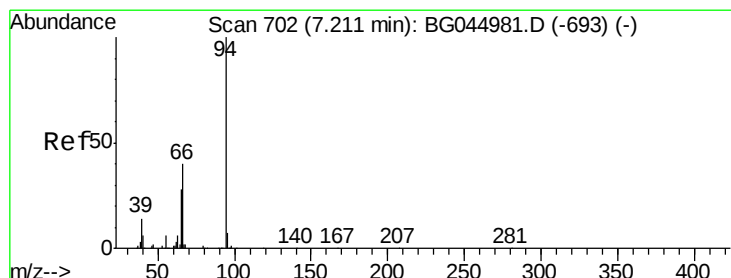
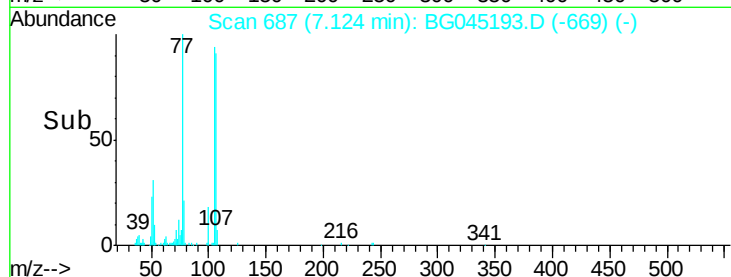
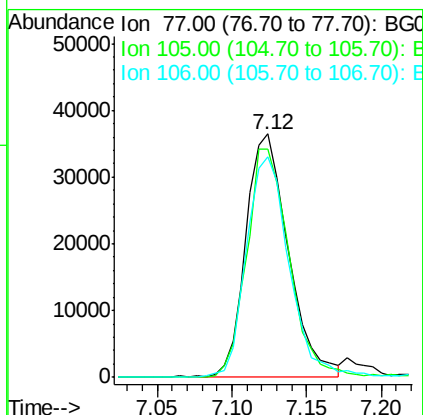
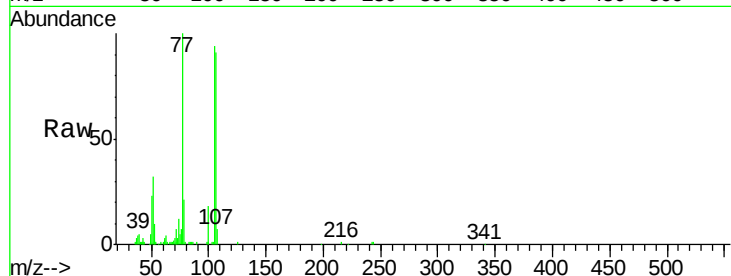
Tot Ion: 77 Resp: 71941

Ion Ratio Lower Upper

77 100

105 93.7 72.9 112.9

106 90.8 67.6 107.6



#10

Phenol

Concen: 46.051 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

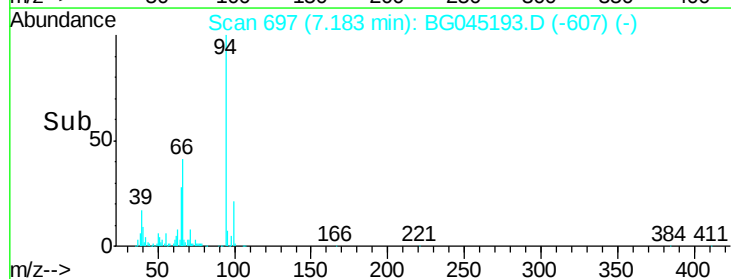
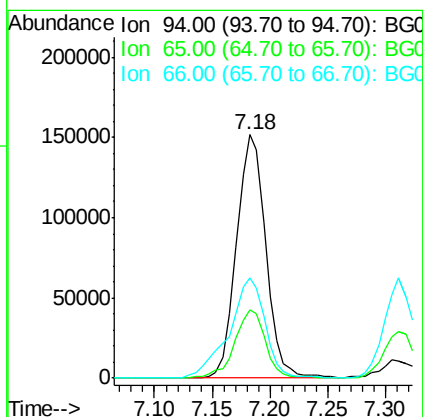
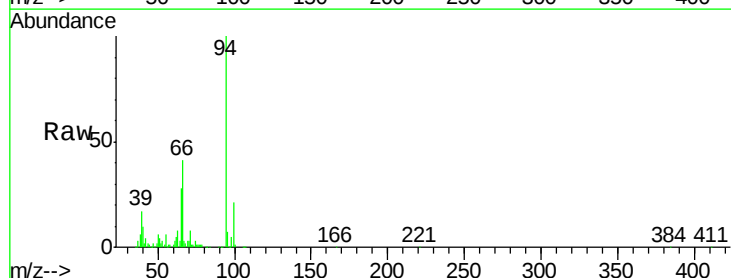
Tgt Ion: 94 Resp: 266741

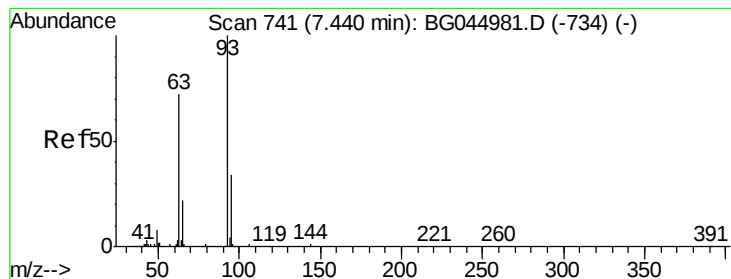
Ion Ratio Lower Upper

94 100

65 28.0 8.2 48.2

66 41.0 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 37.863 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

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ClientSampleId :

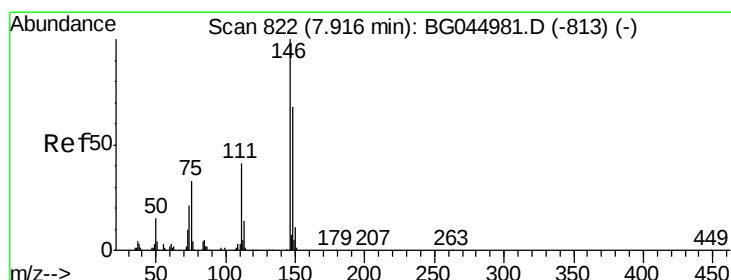
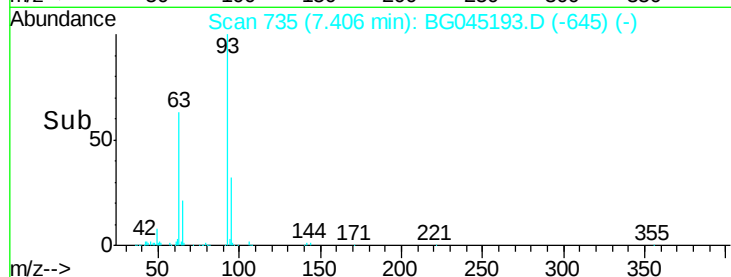
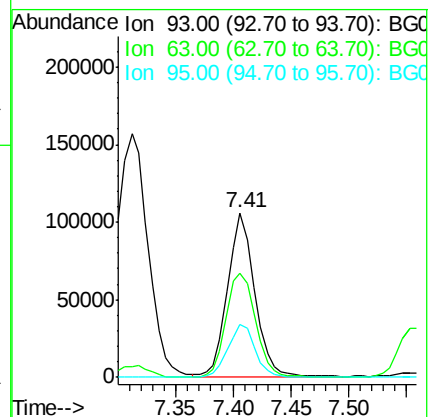
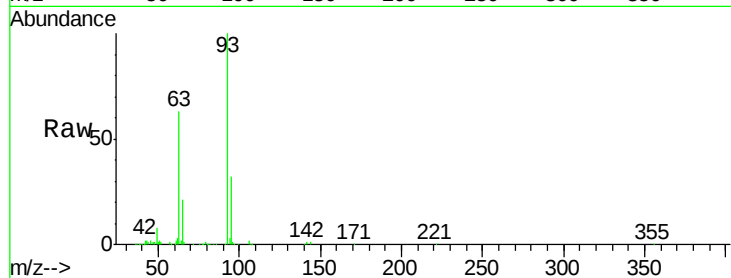
Tot Ion: 93 Resp: 174610

Ion Ratio Lower Upper

93 100

63 63.4 51.8 91.8

95 31.9 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 36.455 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

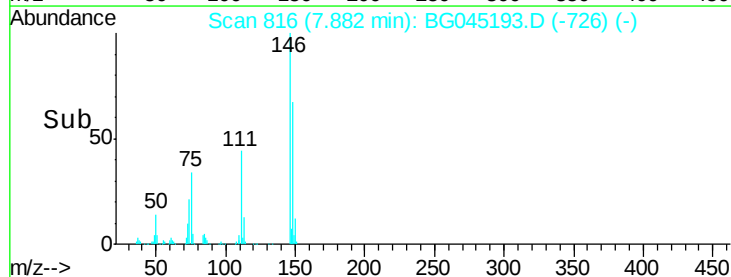
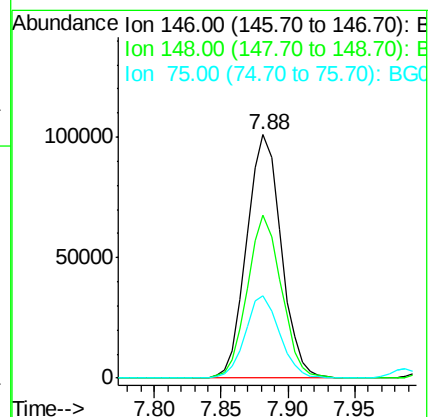
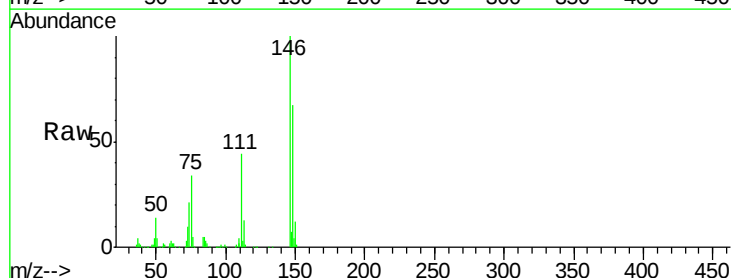
Tgt Ion: 146 Resp: 179862

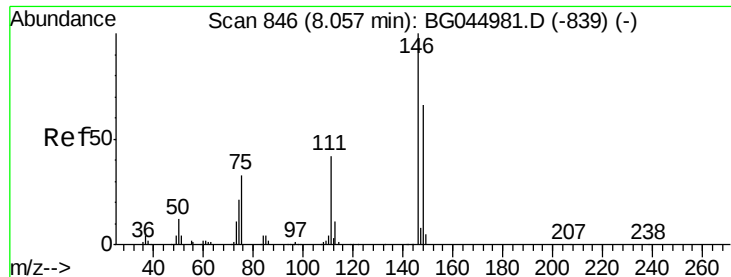
Ion Ratio Lower Upper

146 100

148 66.8 54.6 81.8

75 33.9 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 36.105 ng

RT: 8.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

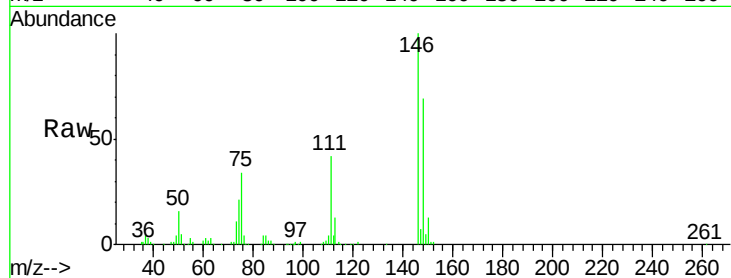
Tot Ion:146 Resp: 177502

Ion Ratio Lower Upper

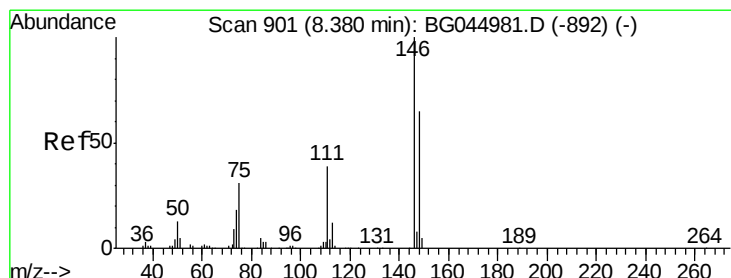
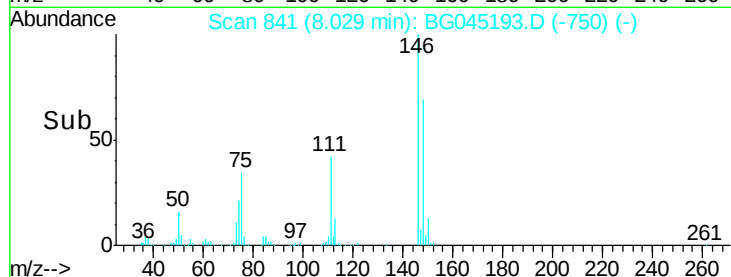
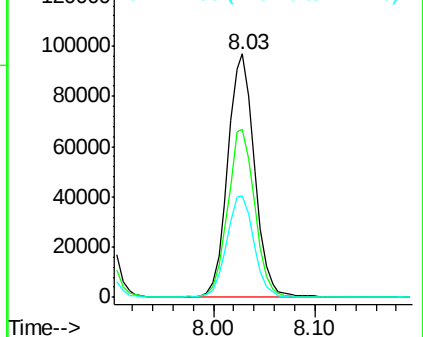
146 100

148 68.9 53.3 79.9

111 41.6 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: 37.597 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

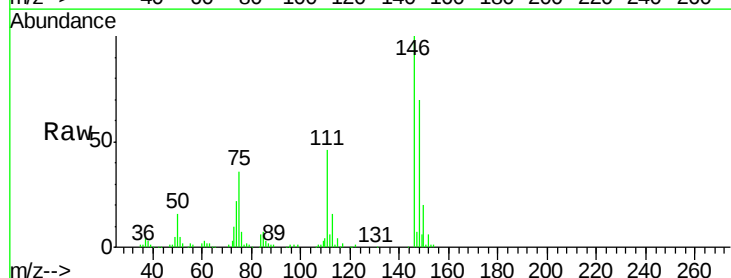
Tgt Ion:146 Resp: 176834

Ion Ratio Lower Upper

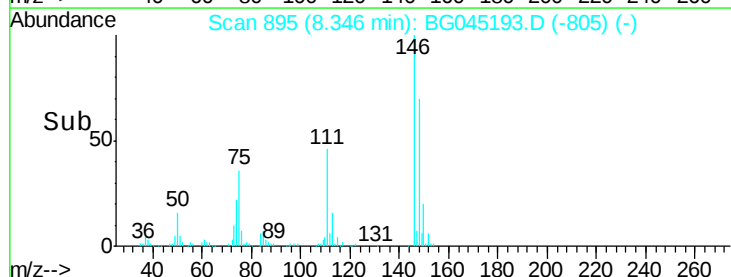
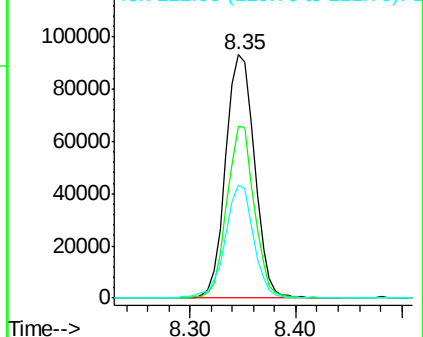
146 100

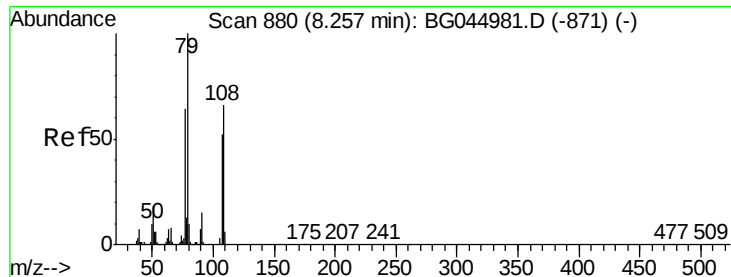
148 70.4 51.9 77.9

111 46.3 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: 41.886 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampled :

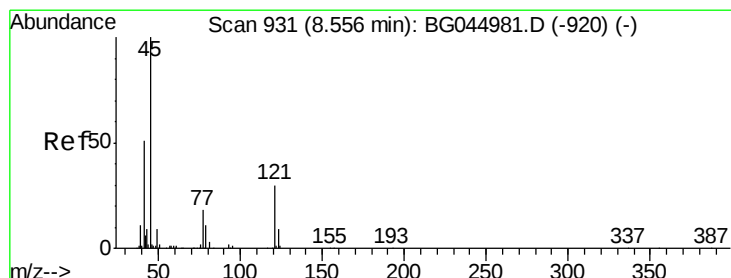
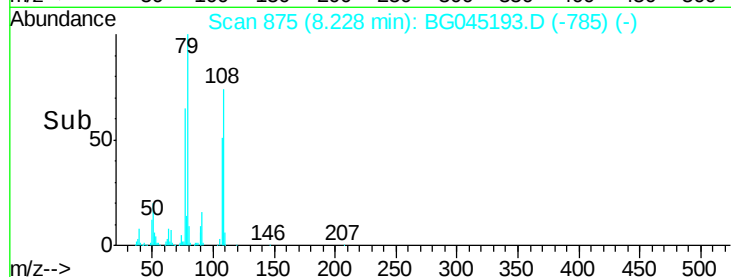
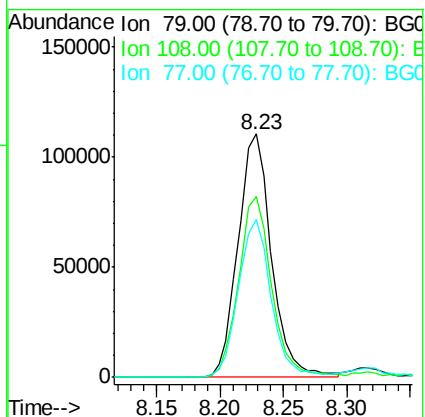
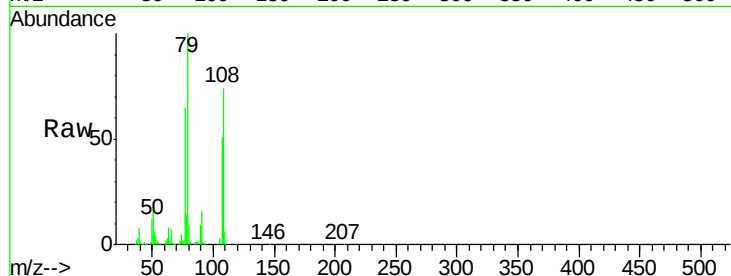
Tot Ion: 79 Resp: 203272

Ion Ratio Lower Upper

79 100

108 74.2 52.7 79.1

77 64.7 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.654 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

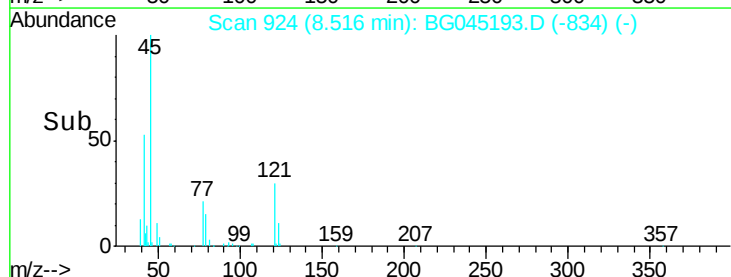
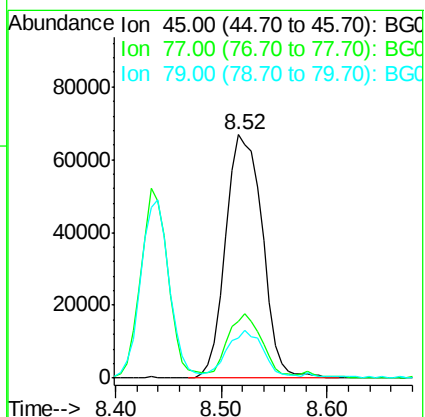
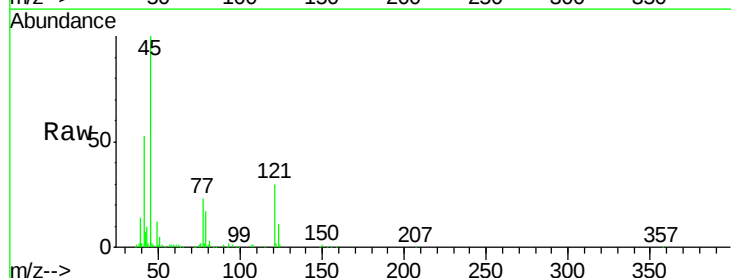
Tgt Ion: 45 Resp: 161403

Ion Ratio Lower Upper

45 100

77 23.2 1.9 41.9

79 16.6 0.0 35.5





#17

2-Methylphenol

Concen: 40.148 ng

RT: 8.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 179421

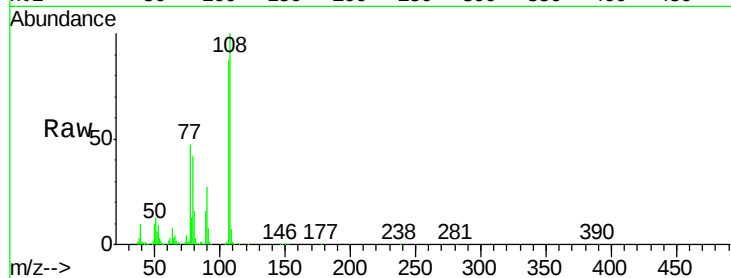
Ion Ratio Lower Upper

107 100

108 115.6 93.8 140.6

77 54.1 38.5 57.7

79 48.7 40.1 60.1

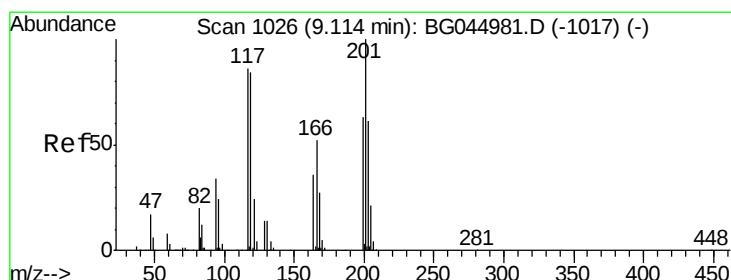
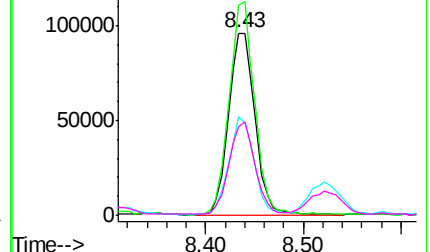
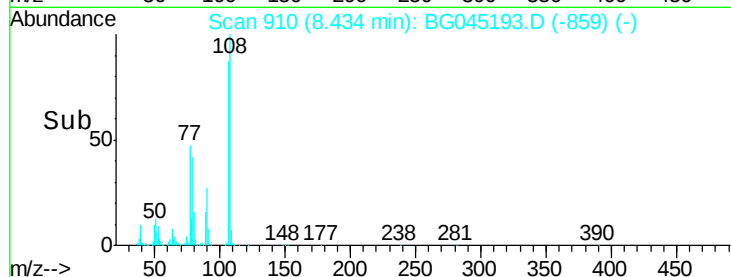


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 37.504 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

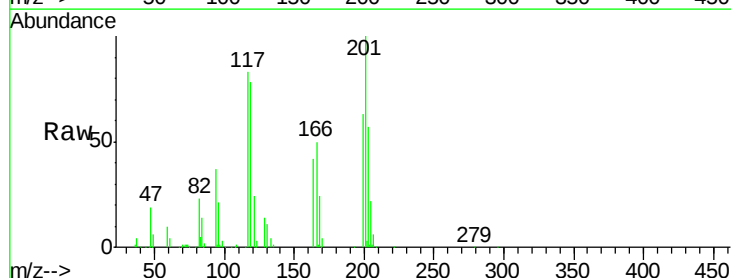
Tgt Ion:117 Resp: 69315

Ion Ratio Lower Upper

117 100

119 94.5 78.3 117.5

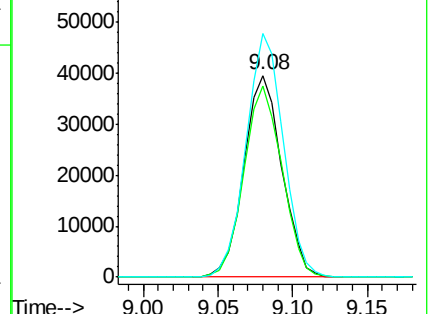
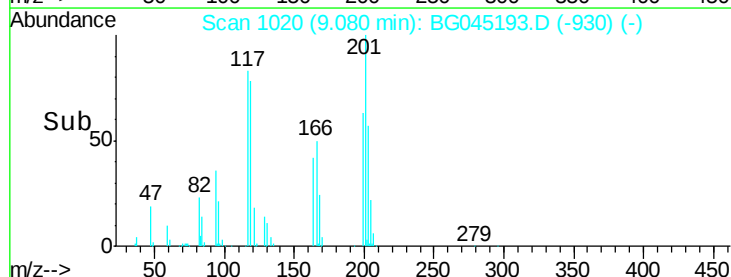
201 120.6 92.9 139.3

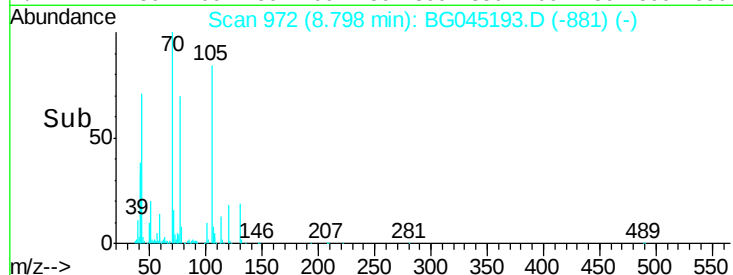
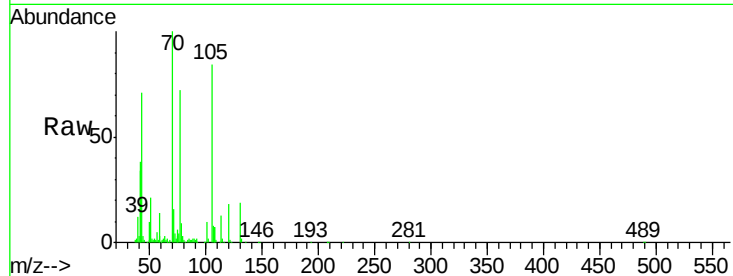


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

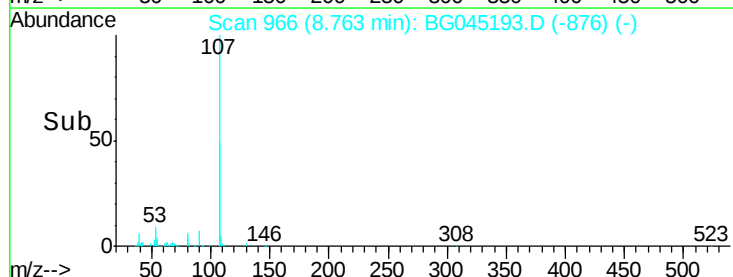
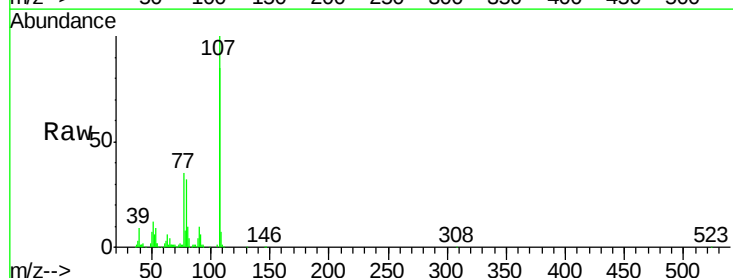
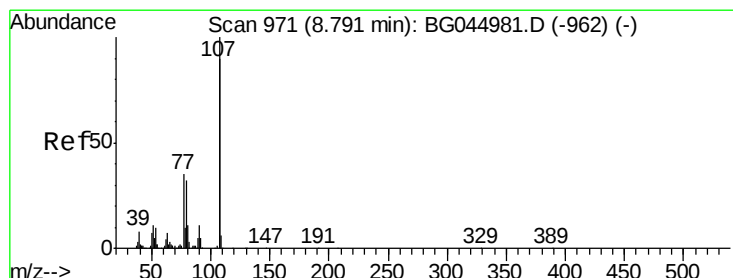
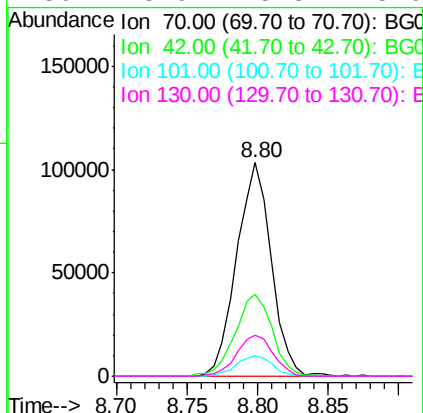




#19
n-Nitroso-di-n-propylamine
Concen: 43.215 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

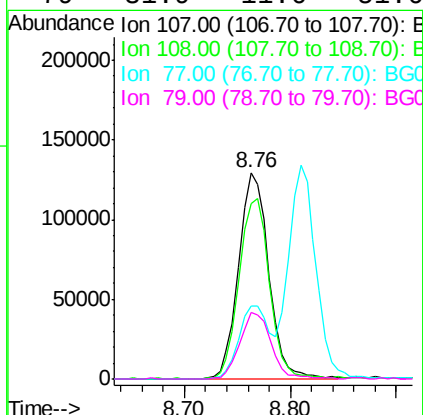
Instrument :
BNA_G
ClientSampleId :

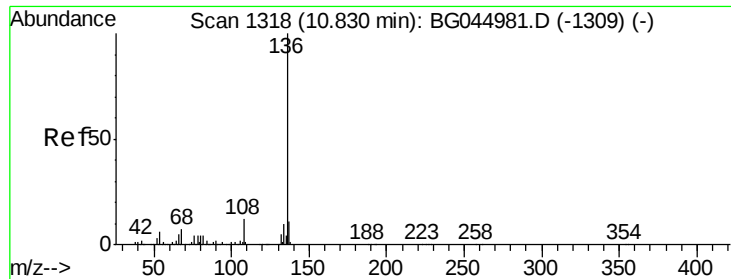
Tot Ion:	70	Resp:	176902
Ion	Ratio	Lower	Upper
70	100		
42	38.3	33.3	49.9
101	9.7	7.8	11.8
130	18.9	15.8	23.6



#20
3+4-Methylphenols
Concen: 40.749 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion:	107	Resp:	254897
Ion	Ratio	Lower	Upper
107	100		
108	85.2	69.9	109.9
77	35.1	15.2	55.2
79	31.9	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG045193.D

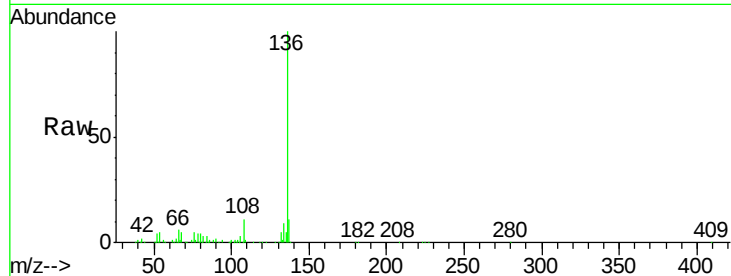
Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	265239
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 13.0
54	5.1	4.8 7.2
68	5.1	5.2 7.8#

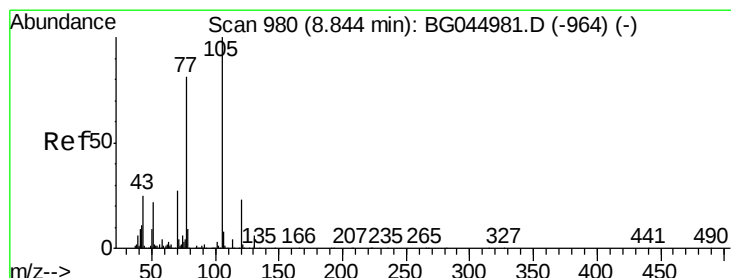
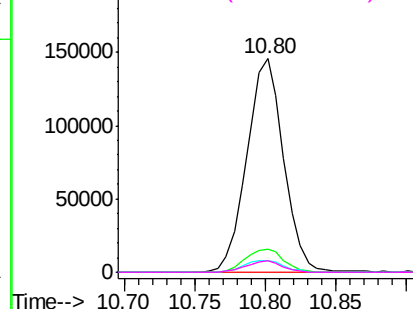
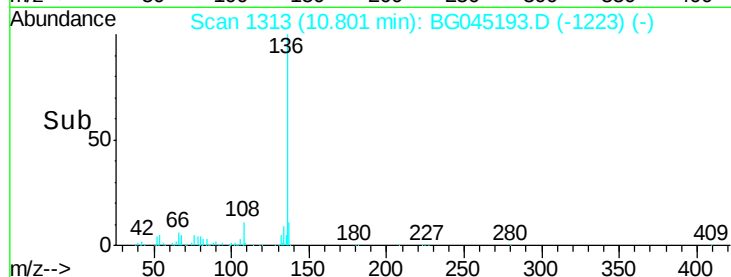


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.913 ng

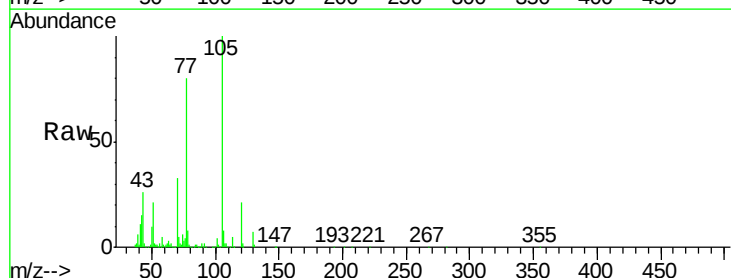
RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Tgt Ion:105	Resp:	307802
Ion Ratio	Lower	Upper
105	100	
71	5.1	3.3 4.9#
51	21.0	17.3 25.9
120	21.4	18.4 27.6

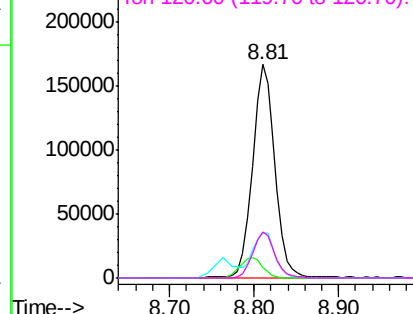
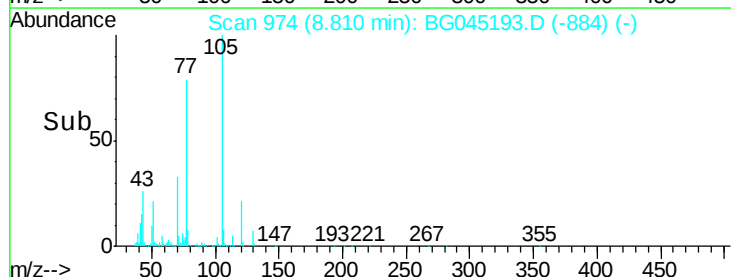


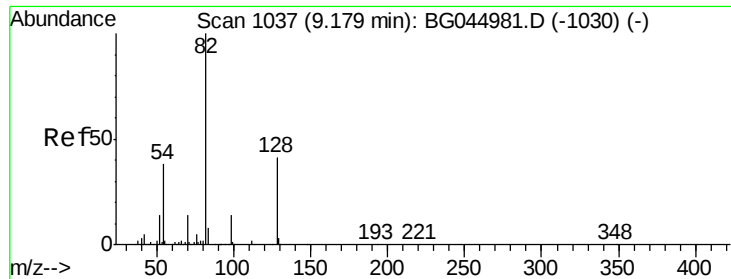
Abundance Ion 105.00 (104.70 to 105.70): E

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

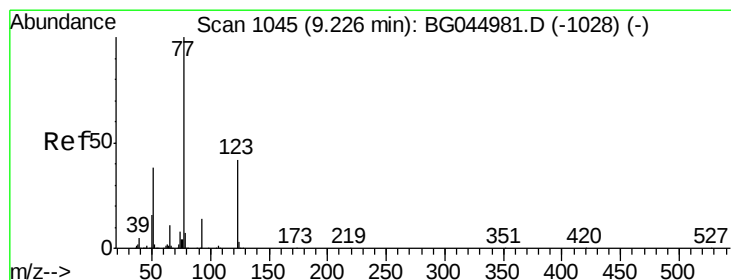
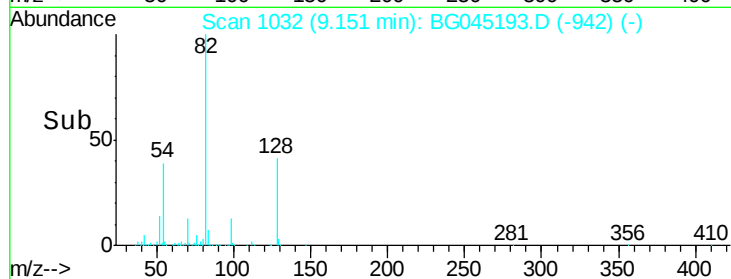
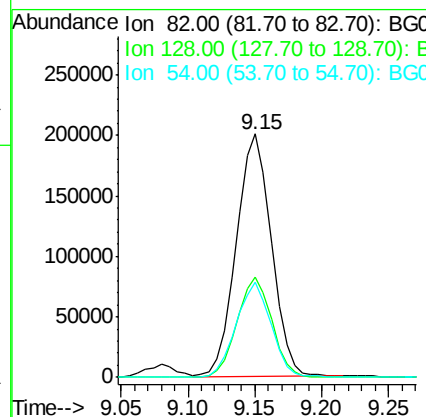
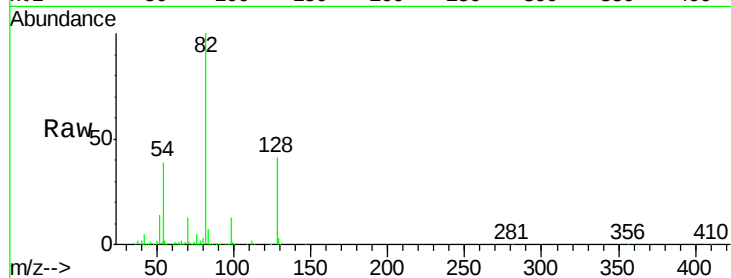




#23
 Nitrobenzene-d5
 Concen: 63.045 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

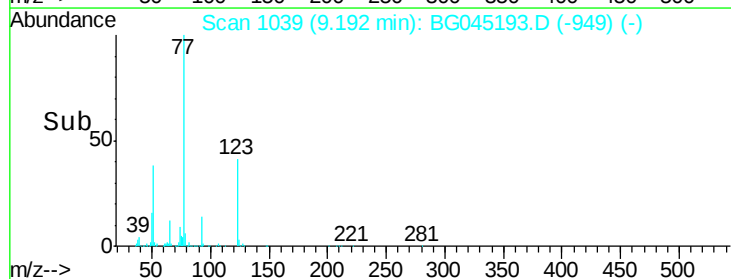
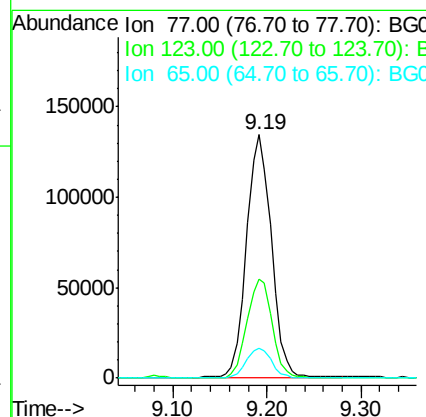
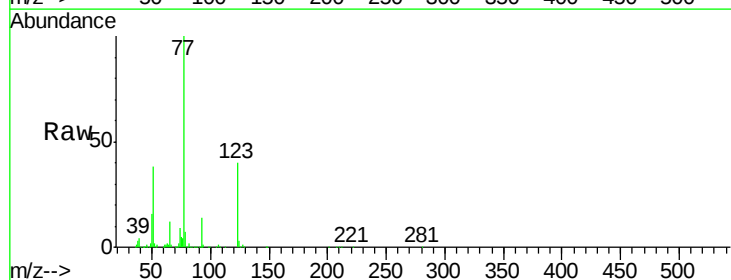
Instrument :
 BNA_G
 ClientSampleId :

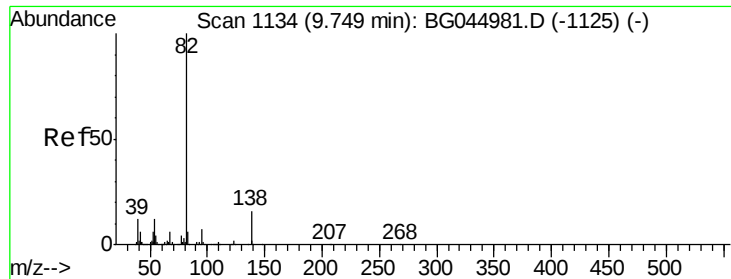
Tot Ion	82	Resp	366478
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.0	49.4
54	38.9	30.4	45.6



#24
 Nitrobenzene
 Concen: 41.508 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion	77	Resp	247329
Ion Ratio	Lower	Upper	
77	100		
123	40.5	34.3	51.5
65	12.1	8.9	13.3





#25

Isophorone

Concen: 42.644 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

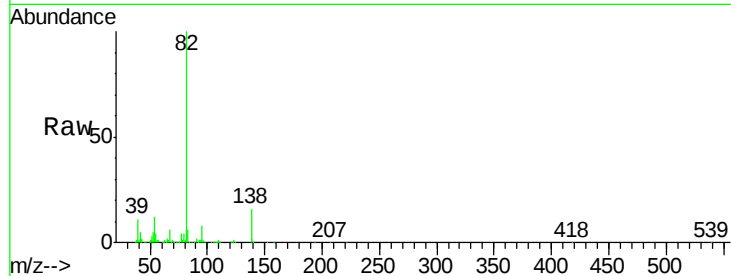
Tot Ion: 82 Resp: 507644

Ion Ratio Lower Upper

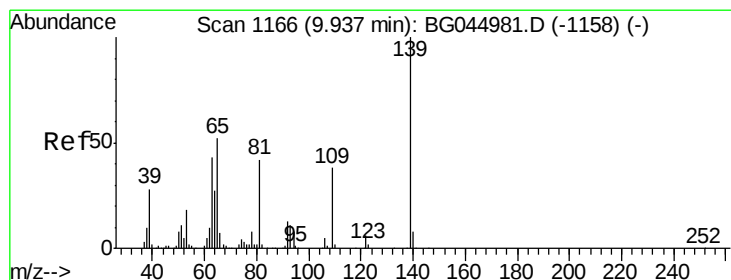
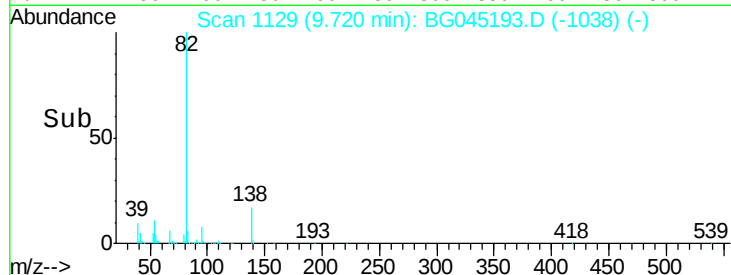
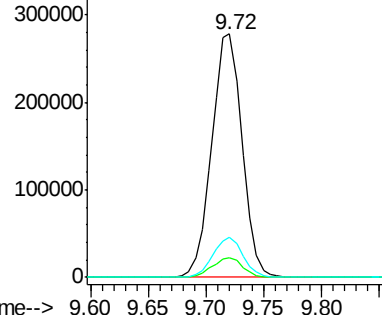
82 100

95 8.0 6.0 9.0

138 16.4 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: 45.963 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

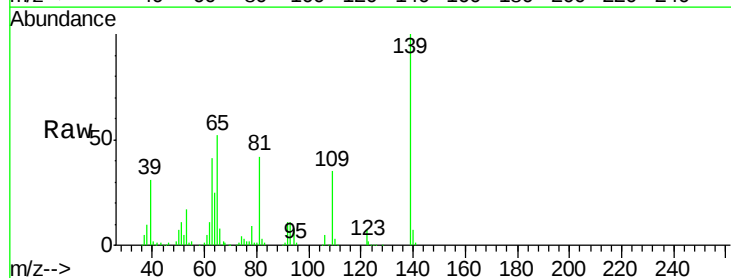
Tgt Ion: 139 Resp: 117969

Ion Ratio Lower Upper

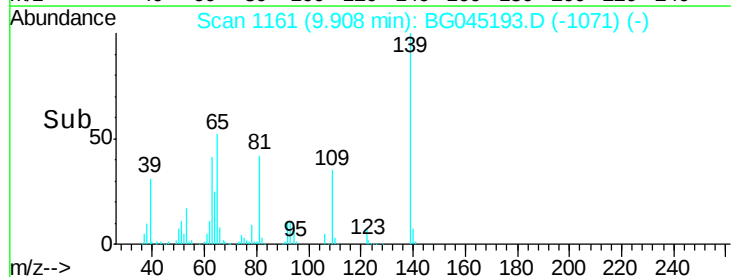
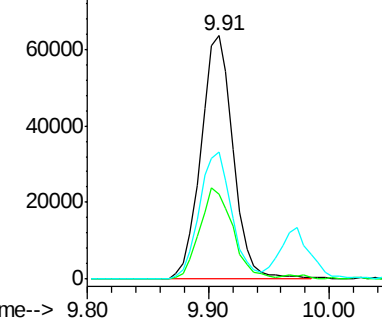
139 100

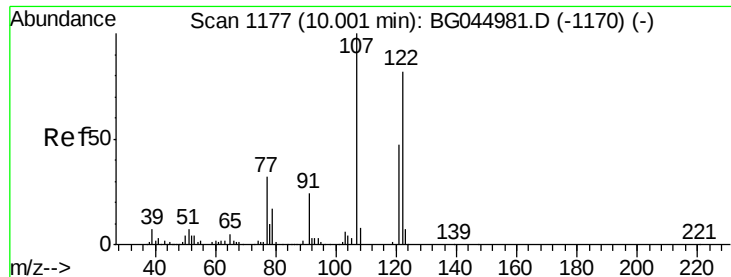
109 34.9 30.6 45.8

65 52.1 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

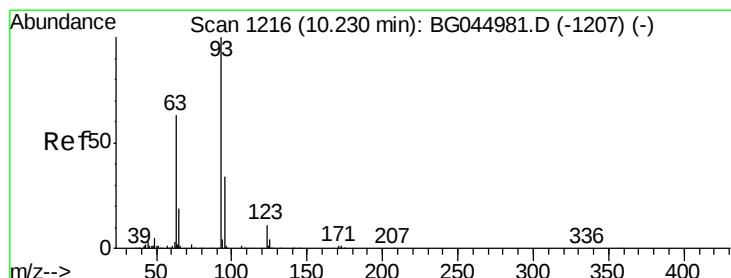
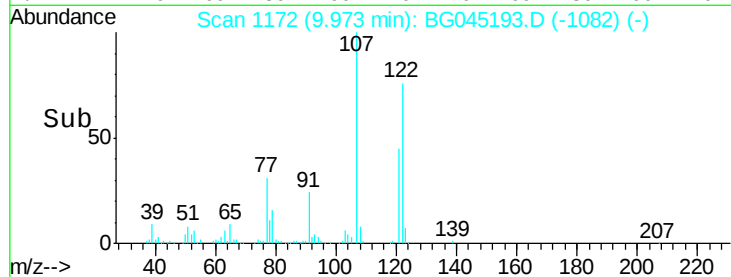
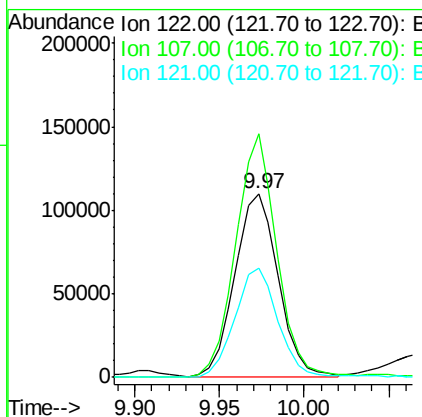
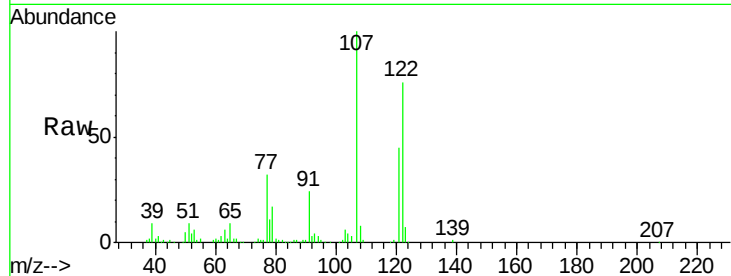




#27
 2,4-Dimethylphenol
 Concen: 47.997 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

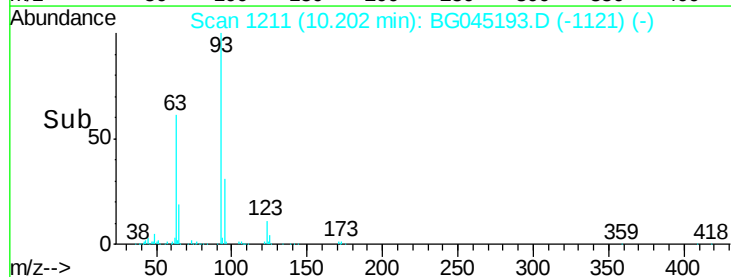
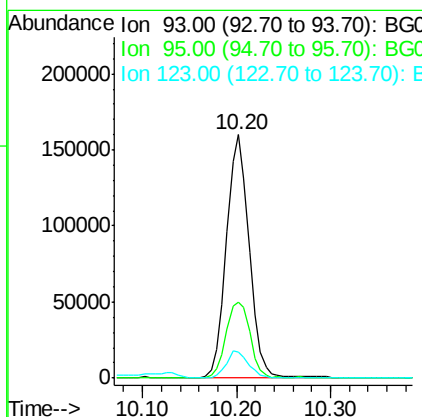
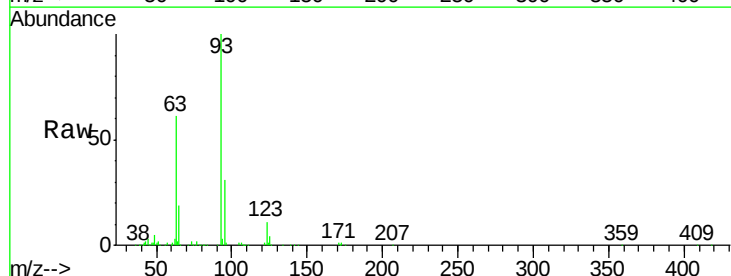
Instrument :
 BNA_G
 ClientSampleId :

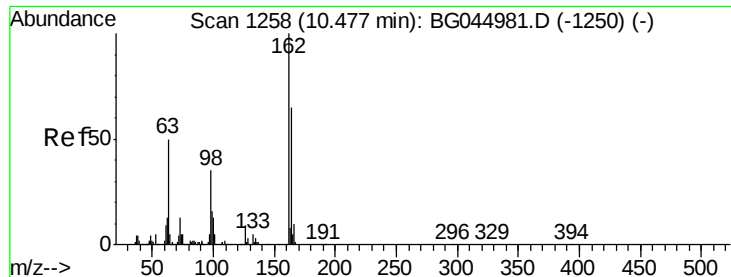
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.4	96.8	145.2
121	59.4	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.192 ng
 RT: 10.20 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	27.0	40.4
123	10.5	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 46.748 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

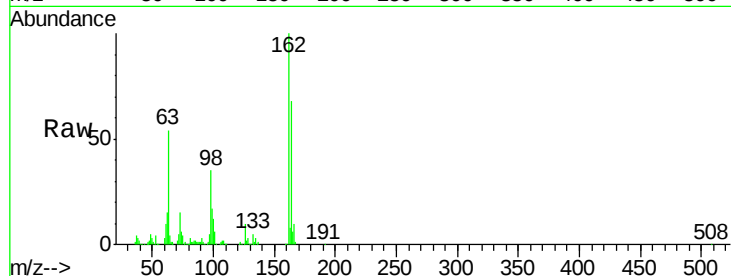
Tot Ion:162 Resp: 219829

Ion Ratio Lower Upper

162 100

164 68.0 45.0 85.0

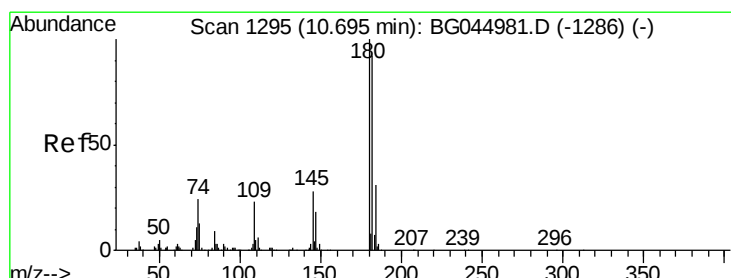
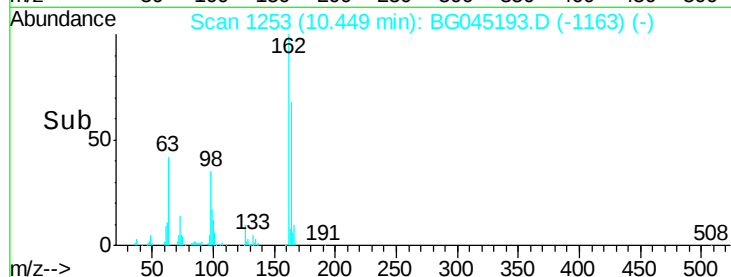
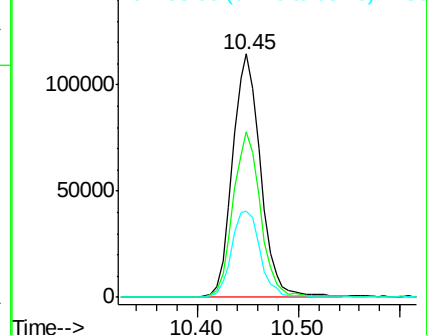
98 35.3 15.2 55.2



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.899 ng

RT: 10.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

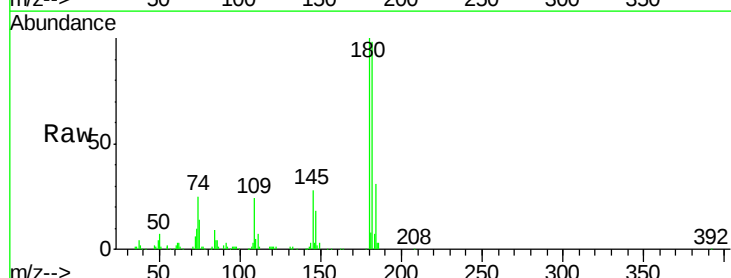
Tgt Ion:180 Resp: 223078

Ion Ratio Lower Upper

180 100

182 98.1 73.3 109.9

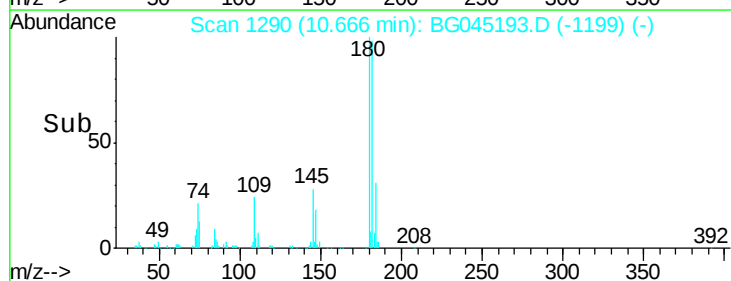
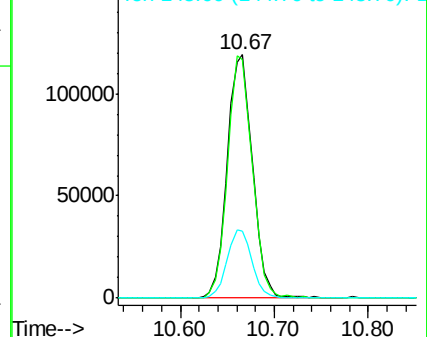
145 27.7 22.6 33.8

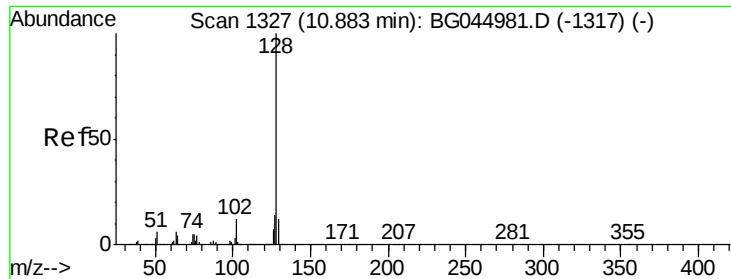


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

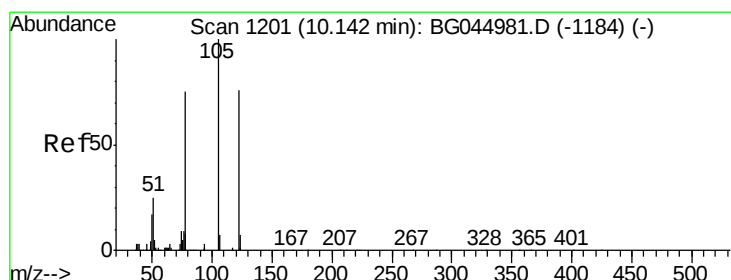
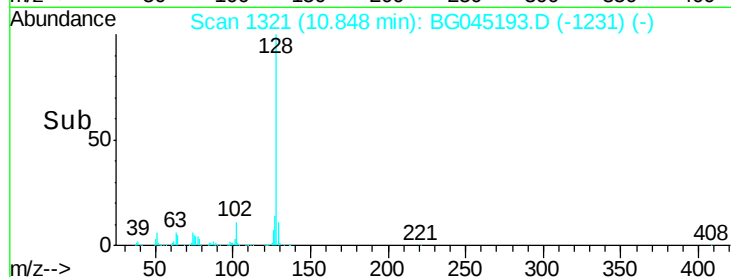
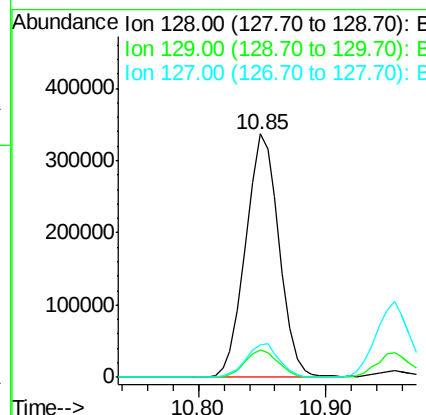
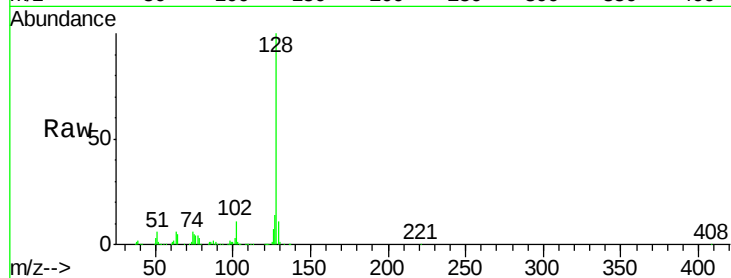




#31
Naphthalene
Concen: 42.581 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

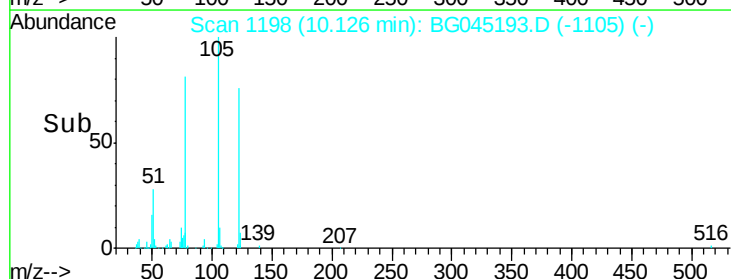
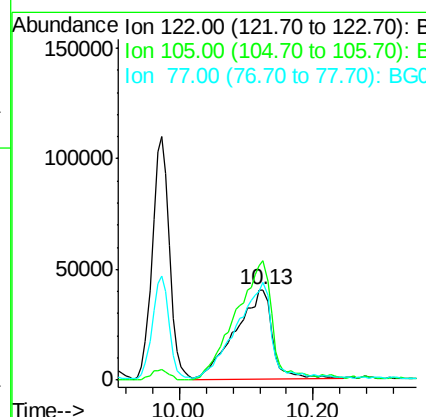
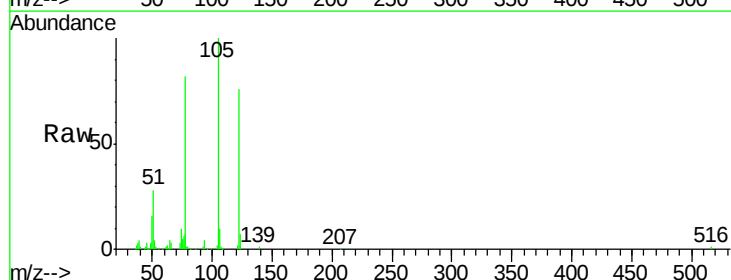
Instrument :
BNA_G
ClientSampleId :

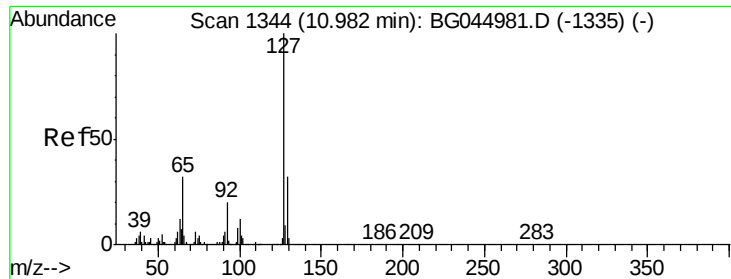
Tot Ion:128 Resp: 617846
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 46.328 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.02 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion:122 Resp: 151574
Ion Ratio Lower Upper
122 100
105 132.4 108.4 148.4
77 108.1 78.8 118.8

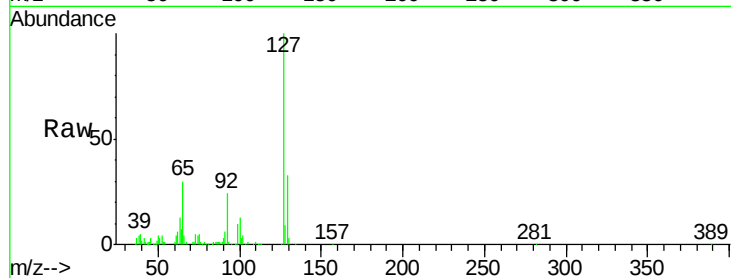




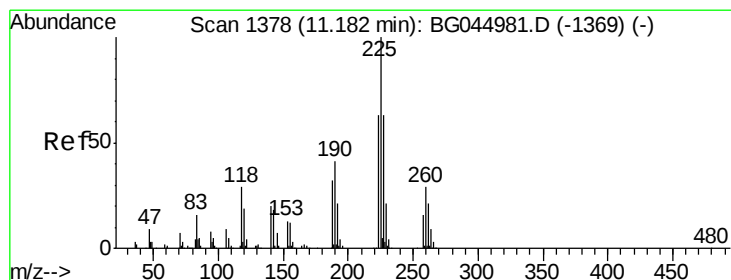
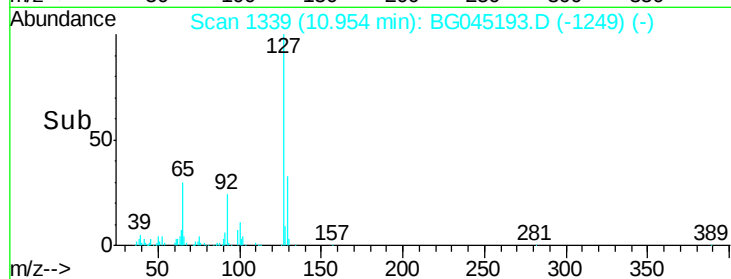
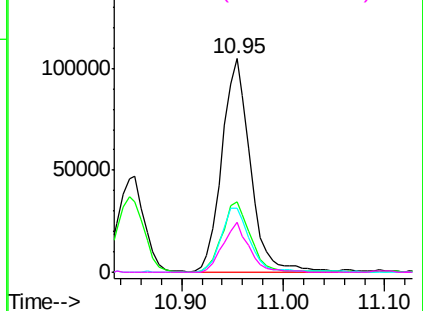
#33
4-Chloroaniline
Concen: 29.905 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	202362
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.7	38.5
65	30.1	25.4	38.2
92	23.7	16.1	24.1

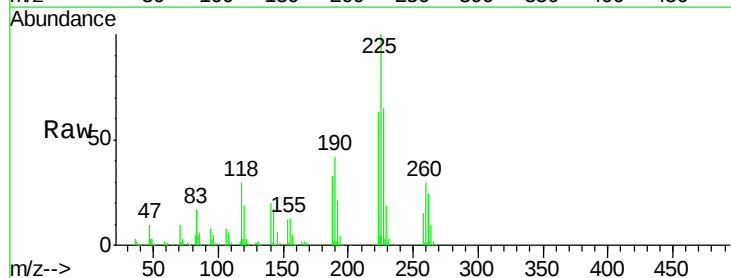


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

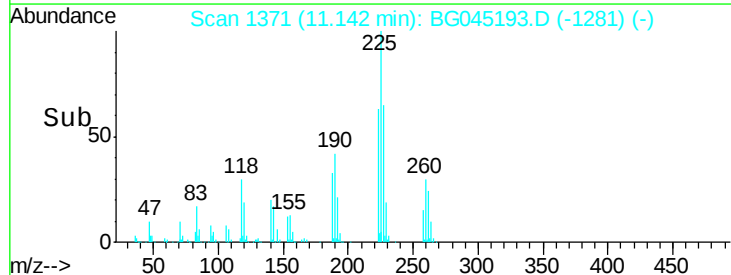
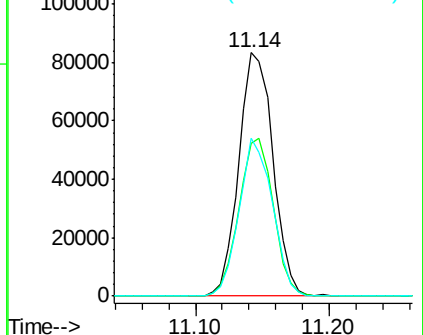


#34
Hexachlorobutadiene
Concen: 40.397 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion:	225	Resp:	147462
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	64.8	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

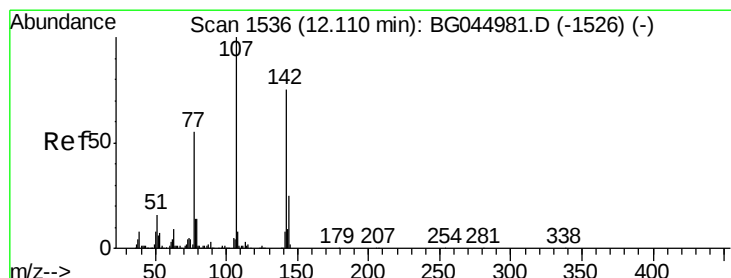
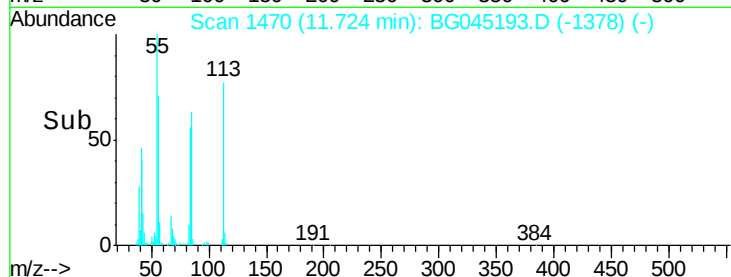
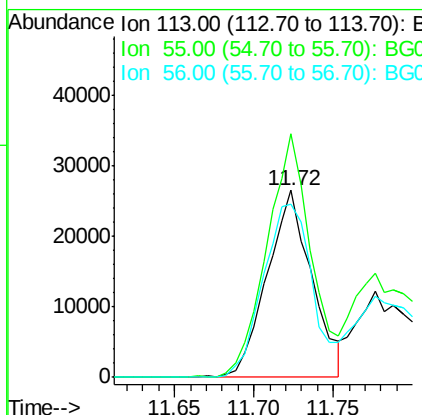
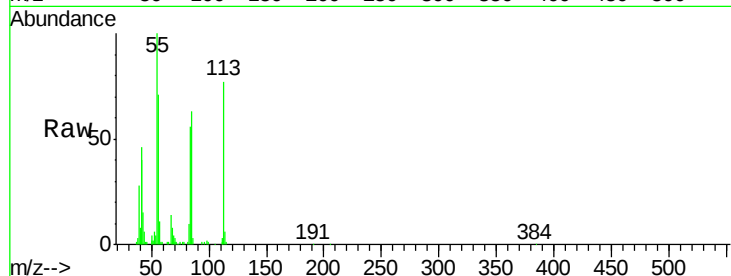




#35
 Caprolactam
 Concen: 27.696 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

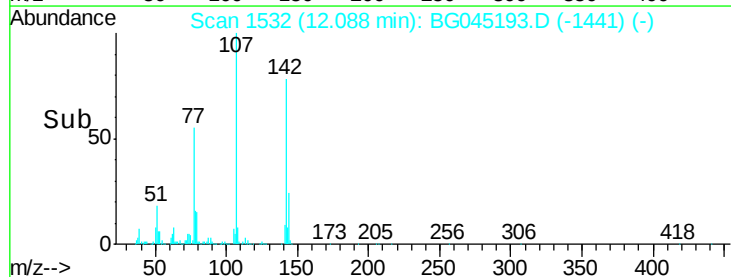
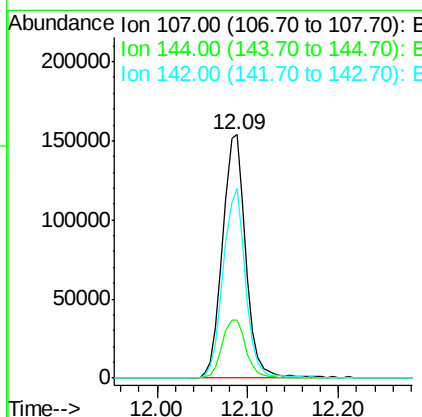
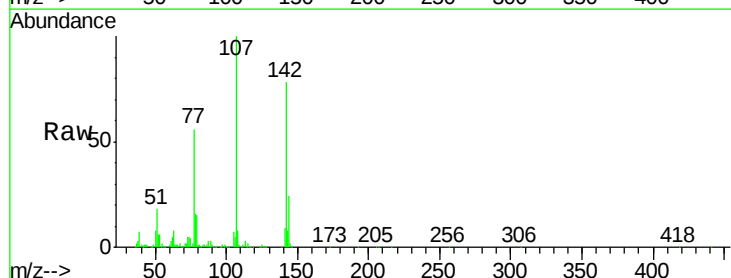
Instrument :
 BNA_G
 ClientSampleId :

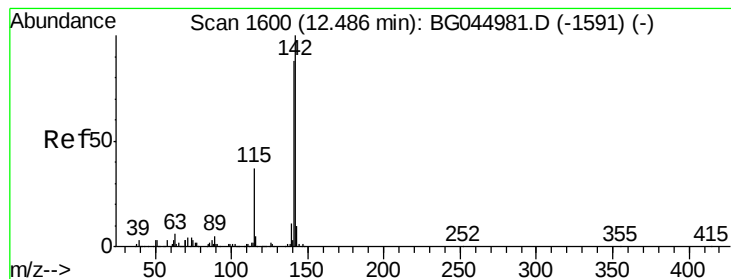
Tot Ion:113 Resp: 51834
 Ion Ratio Lower Upper
 113 100
 55 130.4 118.8 158.8
 56 92.7 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.407 ng
 RT: 12.09 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion:107 Resp: 272929
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.8 29.6
 142 77.8 59.7 89.5





#37

2-Methylnaphthalene

Concen: 45.266 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

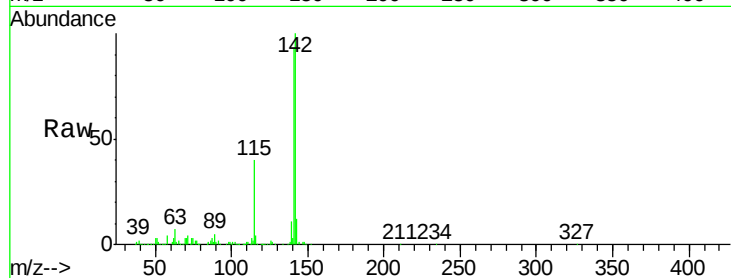
Tot Ion:142 Resp: 509797

Ion Ratio Lower Upper

142 100

141 93.2 70.3 105.5

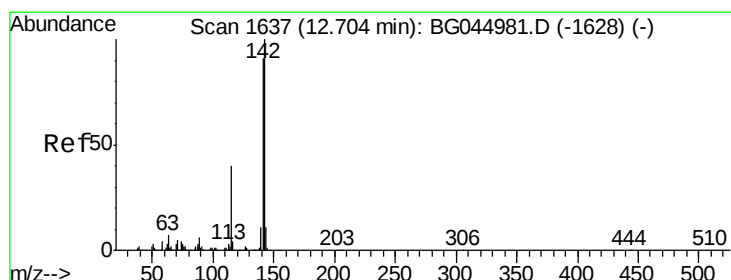
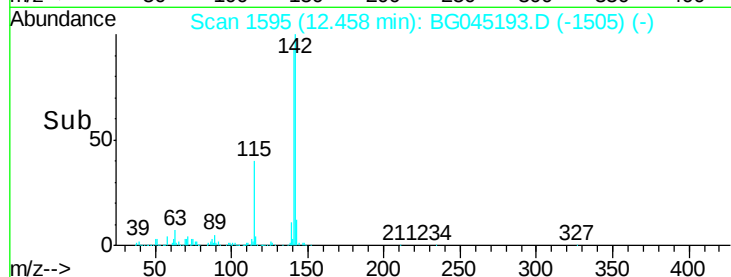
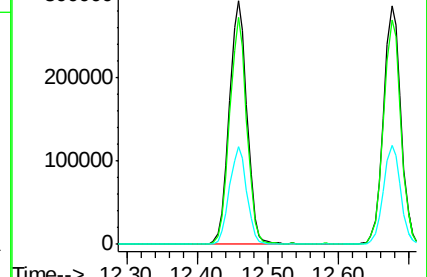
115 40.1 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.508 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

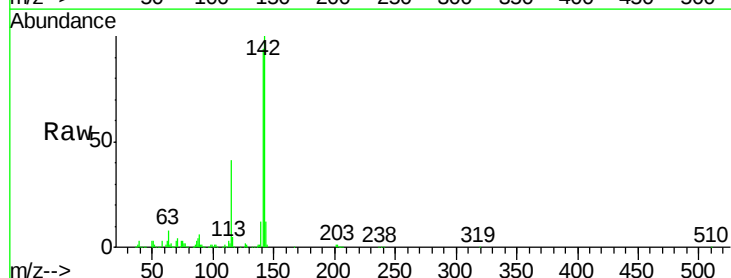
Tgt Ion:142 Resp: 483845

Ion Ratio Lower Upper

142 100

141 94.2 72.7 109.1

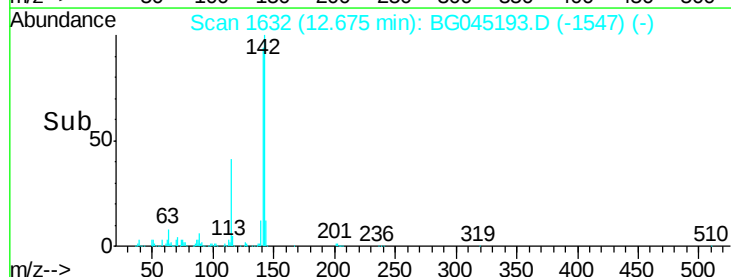
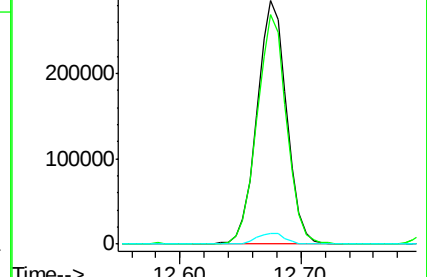
116 4.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

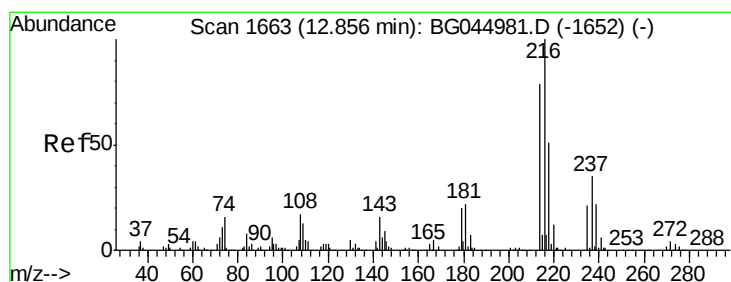
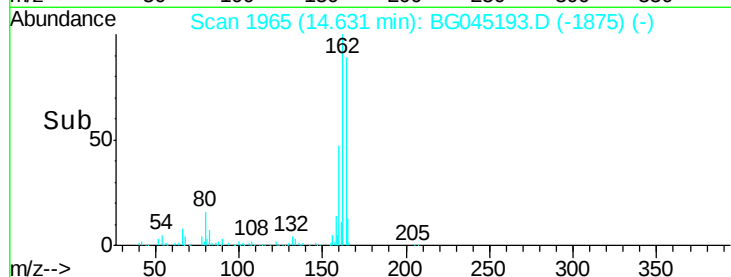
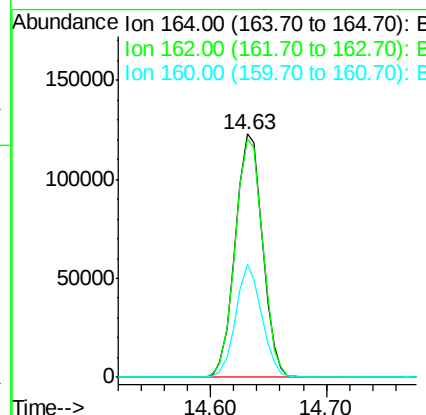
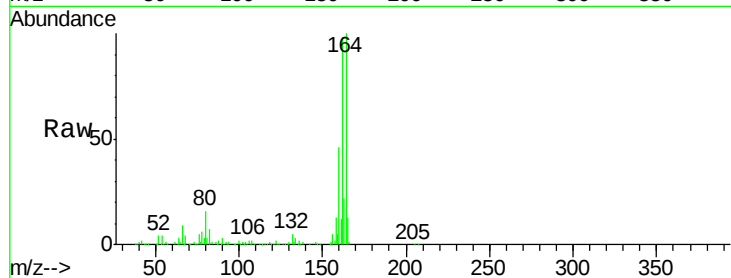




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

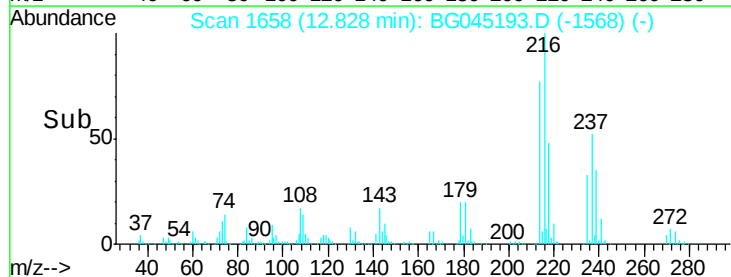
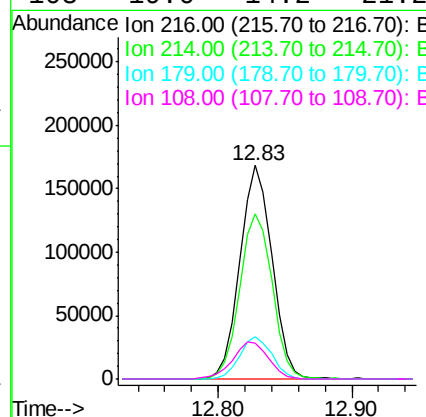
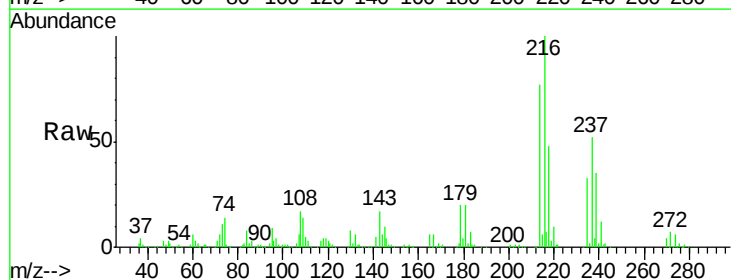
Instrument :
BNA_G
ClientSampleId :

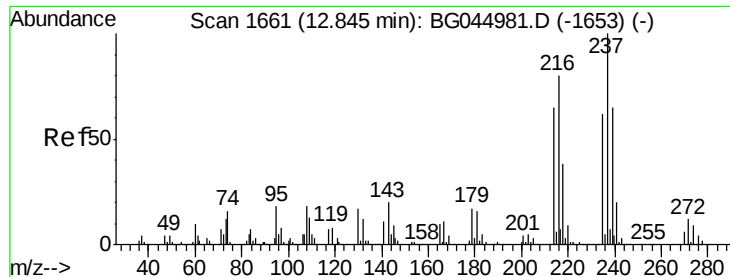
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.7	118.1
160	46.2	32.8	49.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.283 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.6
179	19.9	15.8	23.8
108	19.6	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 93.388 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

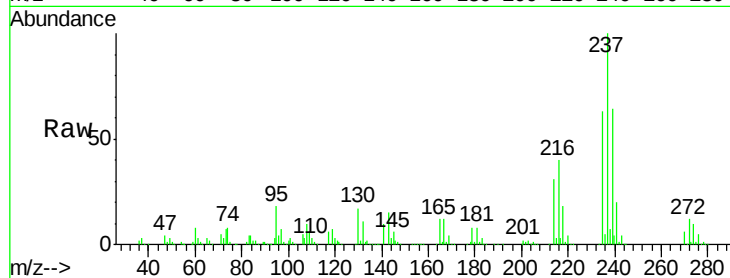
Tot Ion:237 Resp: 378398

Ion Ratio Lower Upper

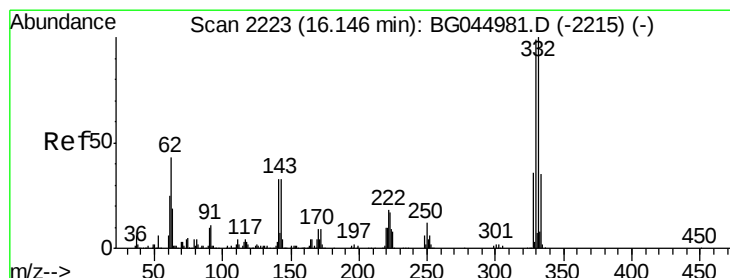
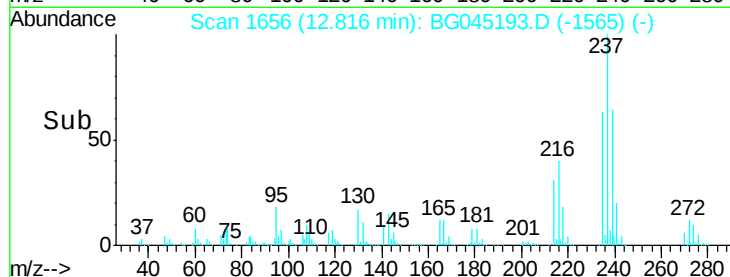
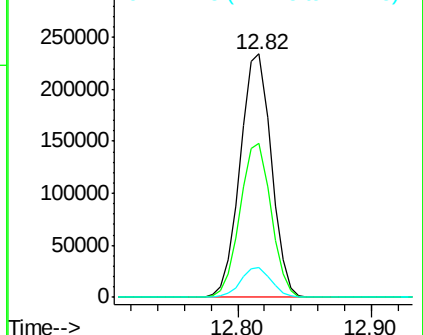
237 100

235 63.4 41.6 81.6

272 12.3 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: 107.331 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

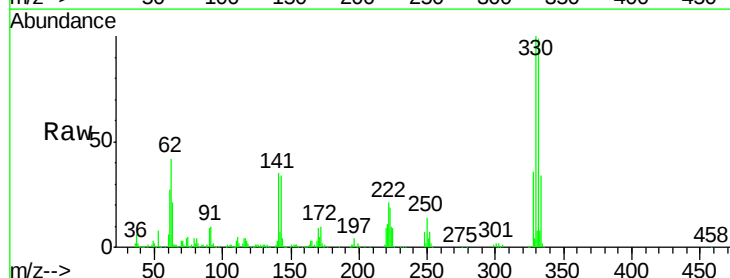
Tgt Ion:330 Resp: 333861

Ion Ratio Lower Upper

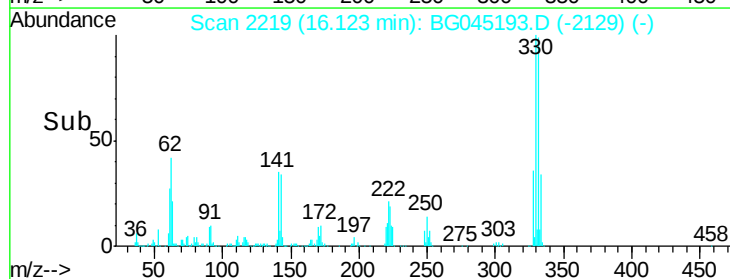
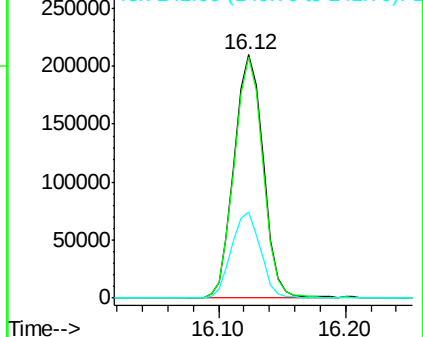
330 100

332 97.4 79.1 118.7

141 35.4 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

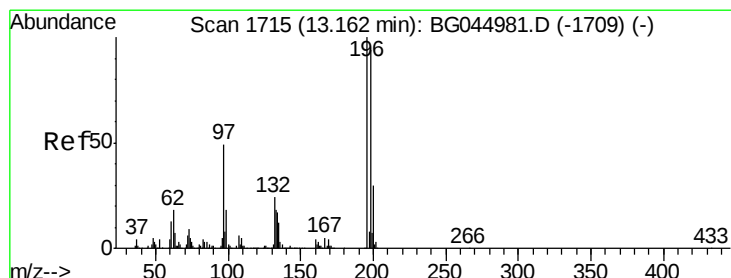
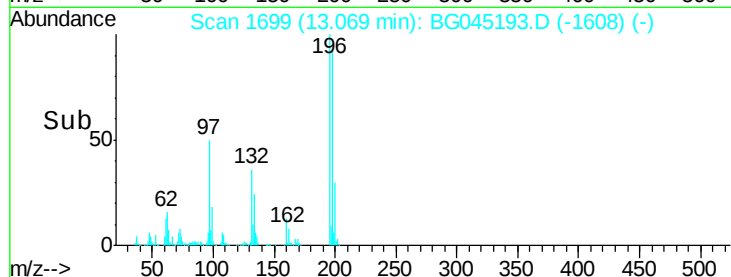
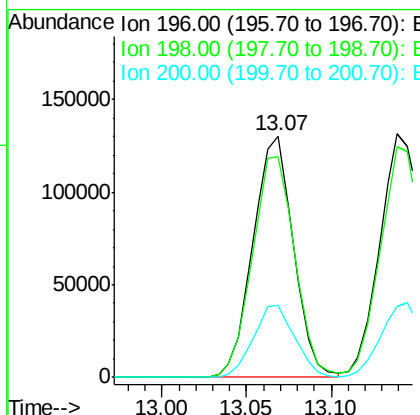
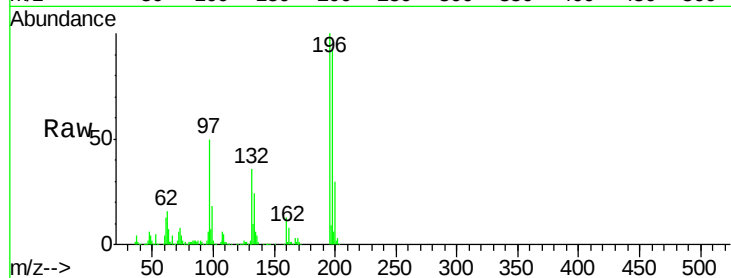




#43
 2,4,6-Trichlorophenol
 Concen: 47.244 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

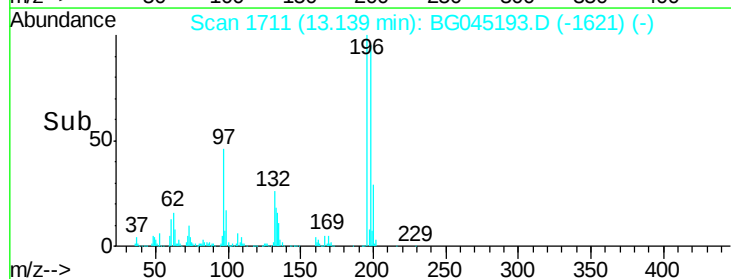
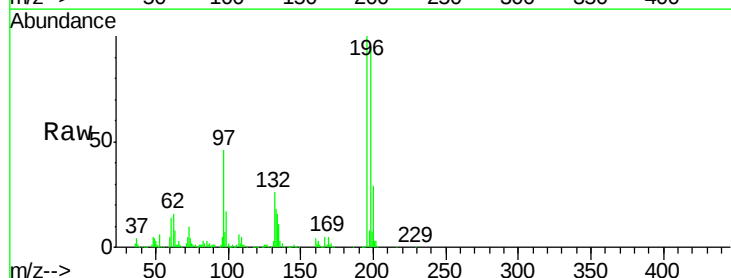
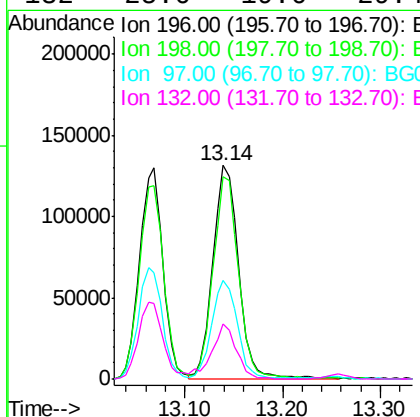
Instrument :
 BNA_G
 ClientSampleId :

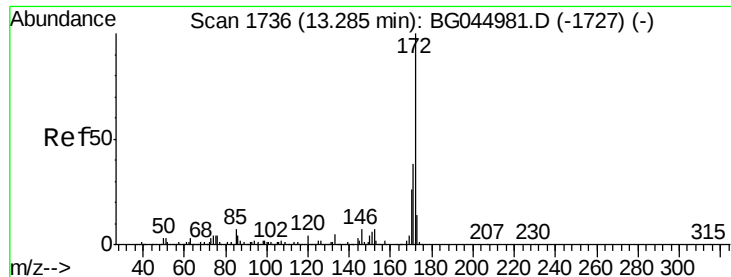
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.7	72.5	108.7
200	29.8	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 45.935 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
97	46.2	39.6	59.4
132	25.6	19.6	29.4

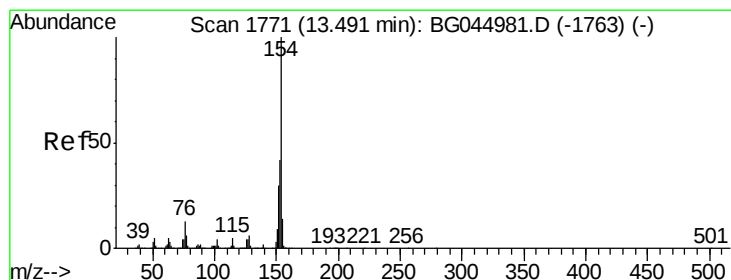
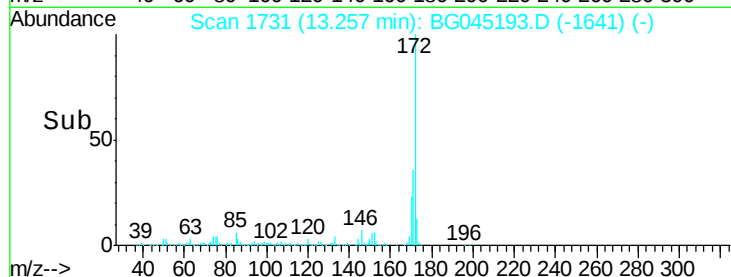
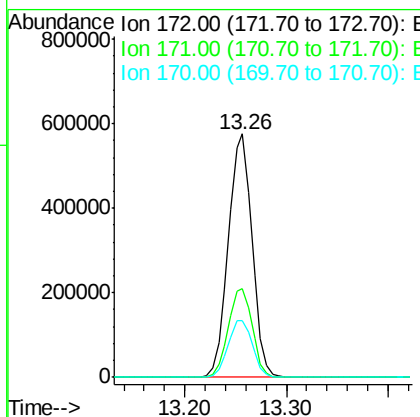
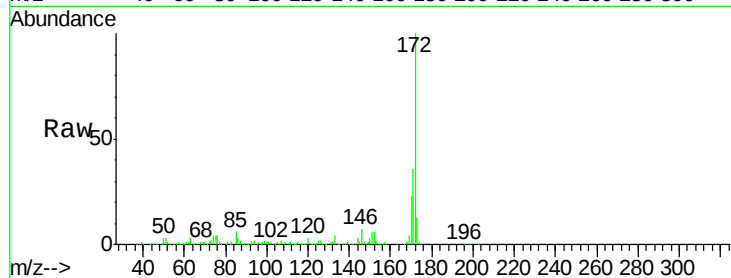




#45
2-Fluorobiphenyl
Concen: 68.020 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

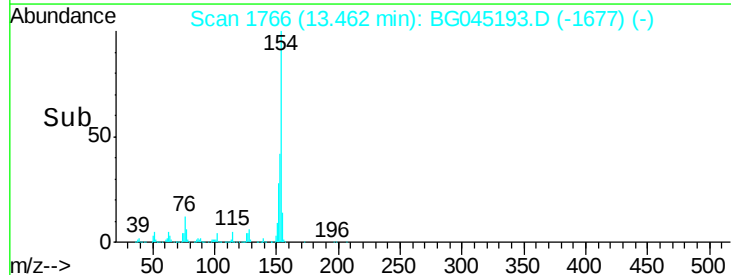
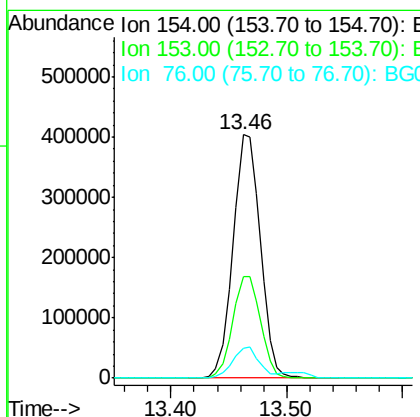
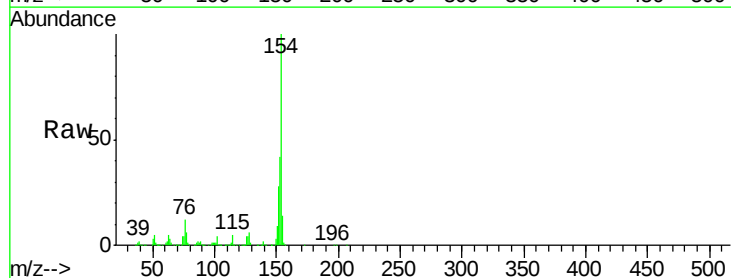
Instrument :
BNA_G
ClientSampleId :

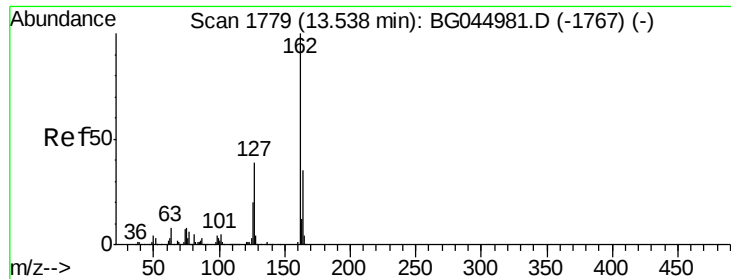
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	23.5	20.5	30.7



#46
1,1'-Biphenyl
Concen: 43.230 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.4	0.0	33.1





#47

2-Chloronaphthalene

Concen: 44.376 ng

RT: 13.51 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

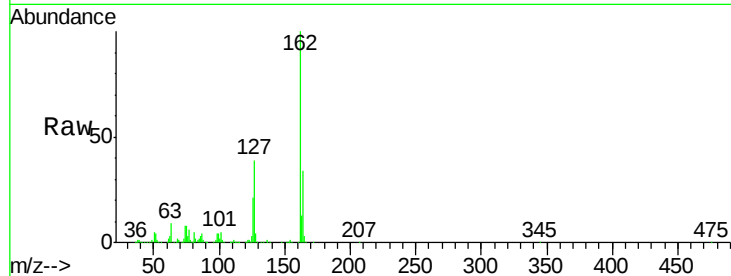
Tot Ion:162 Resp: 518922

Ion Ratio Lower Upper

162 100

127 39.0 31.3 46.9

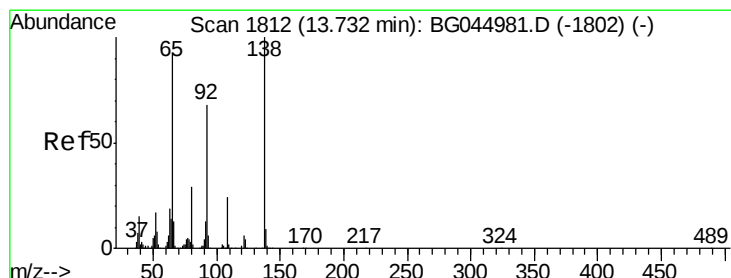
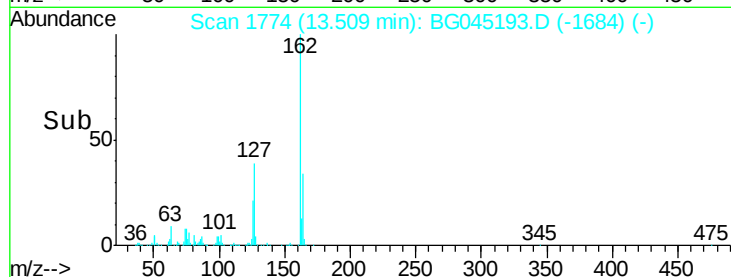
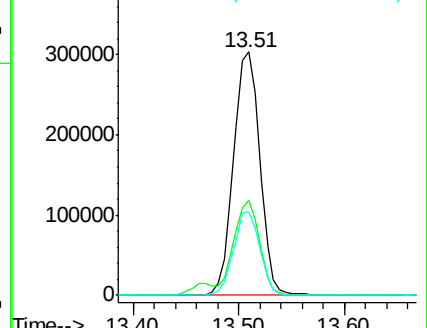
164 34.2 27.8 41.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.193 ng

RT: 13.70 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

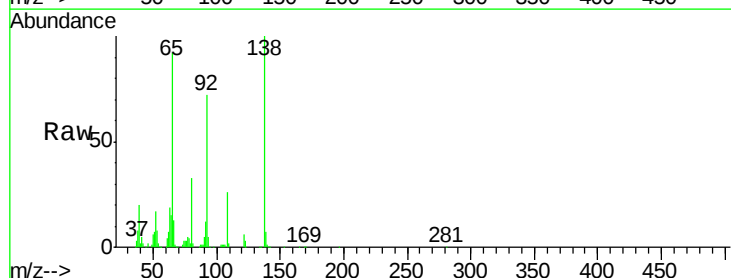
Tgt Ion: 65 Resp: 173876

Ion Ratio Lower Upper

65 100

92 78.6 58.3 87.5

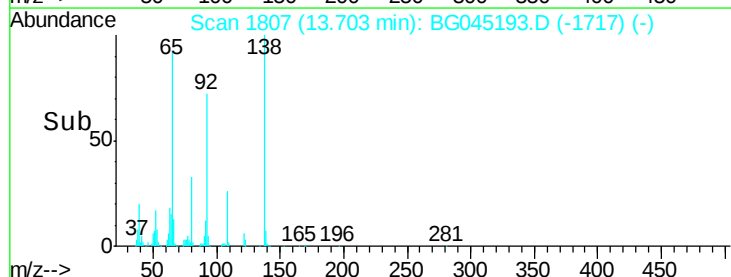
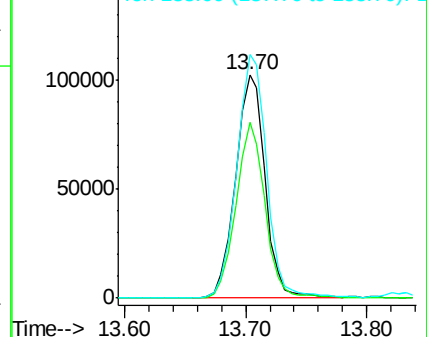
138 109.1 85.6 128.4

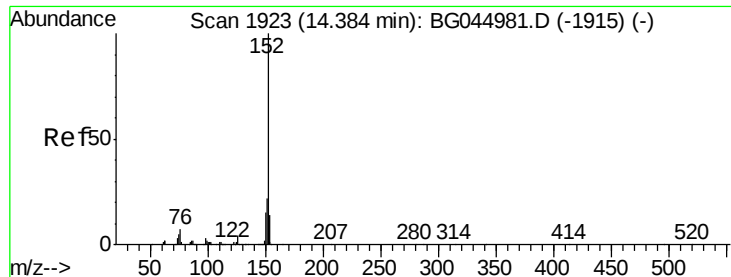


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.165 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

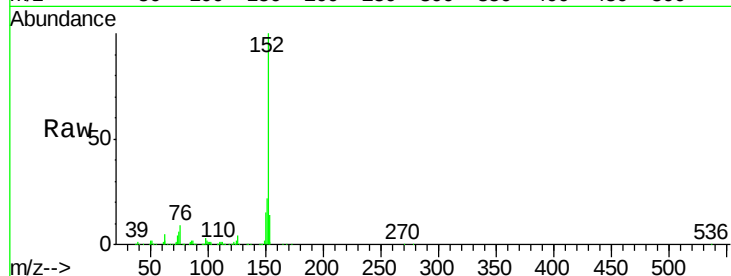
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 879326

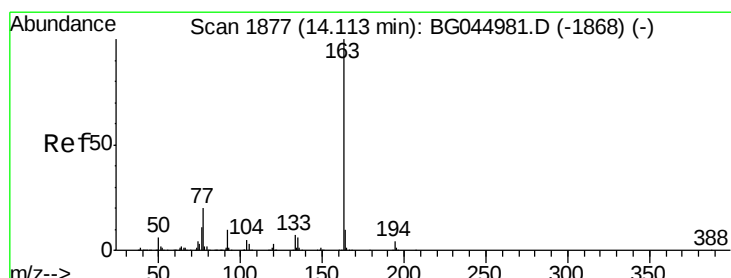
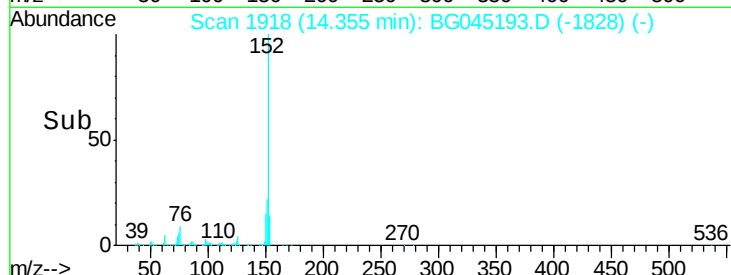
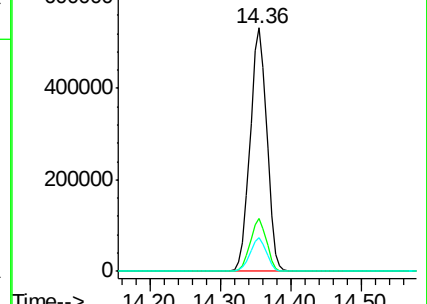
Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	14.0	11.0	16.4



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: 53.383 ng

RT: 14.09 min Scan# 1872

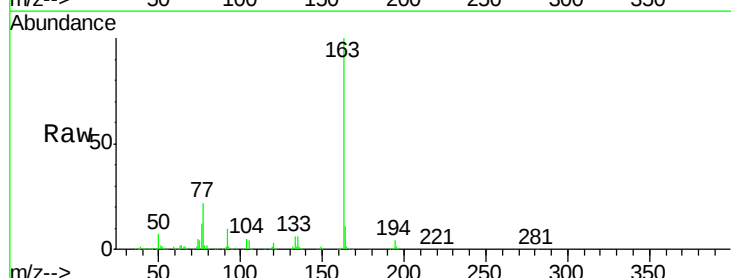
Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Tgt Ion:163 Resp: 875188

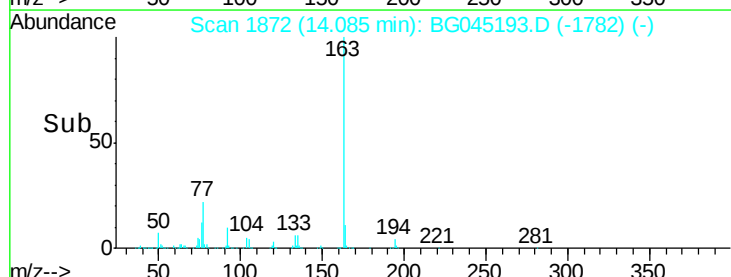
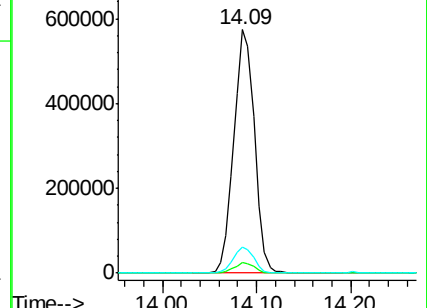
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.9	8.2	12.4

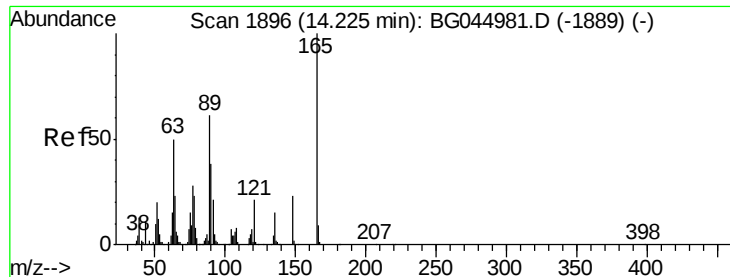


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

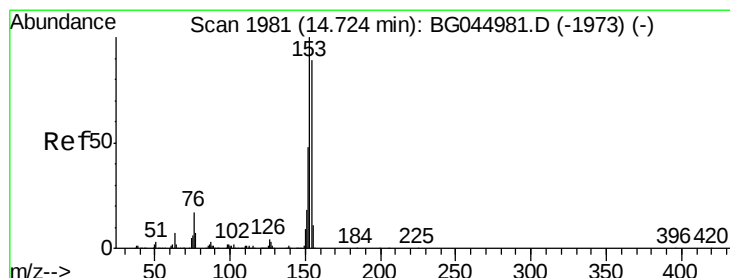
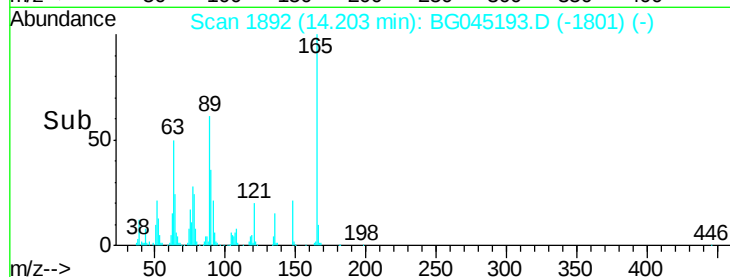
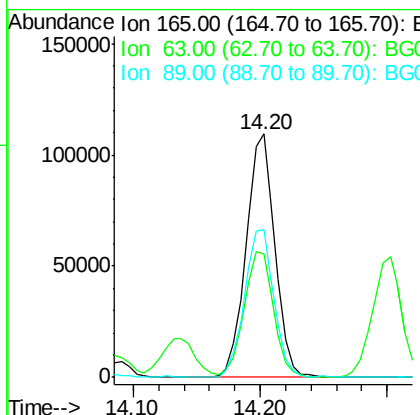
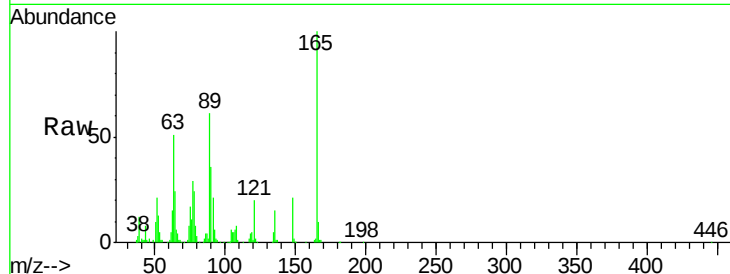




#51
 2,6-Dinitrotoluene
 Concen: 47.043 ng
 RT: 14.20 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

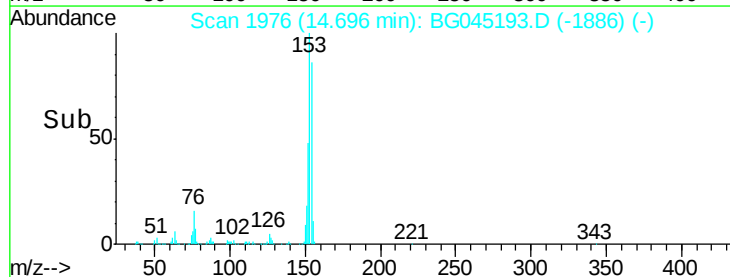
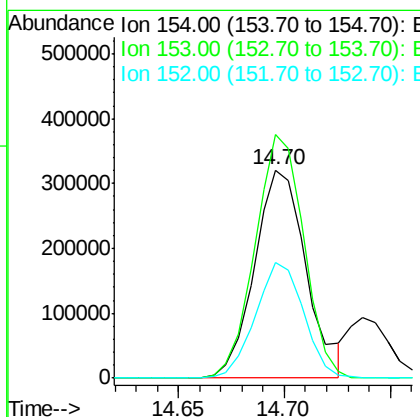
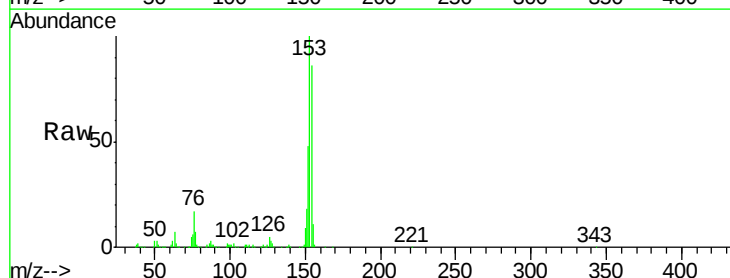
Instrument :
 BNA_G
 ClientSampleId :

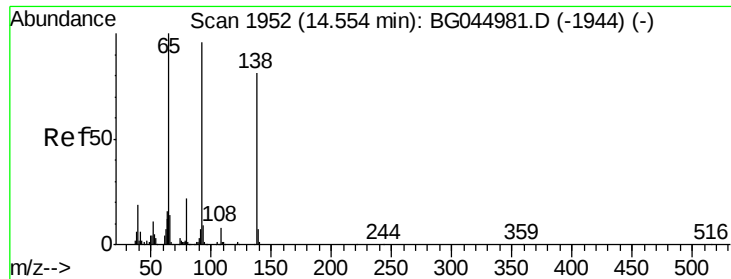
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	50.5	40.4	60.6	
89	60.6	49.1	73.7	



#52
 Acenaphthene
 Concen: 42.300 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	116.9	89.7	134.5	
152	55.5	43.1	64.7	

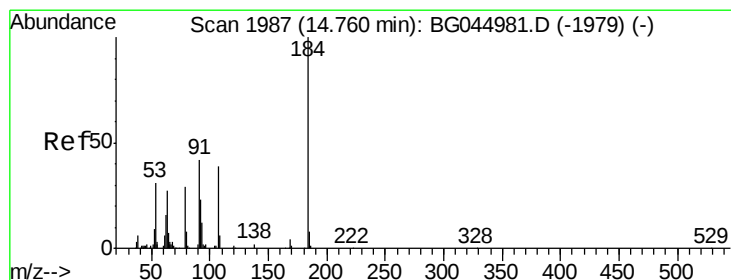
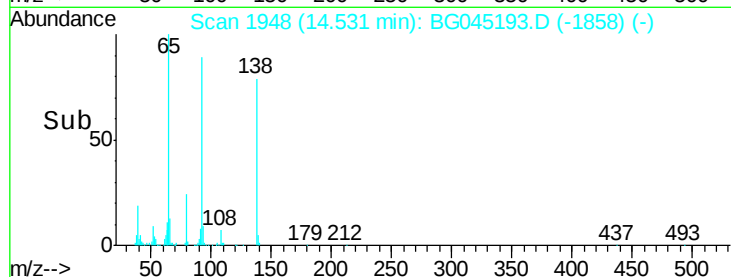
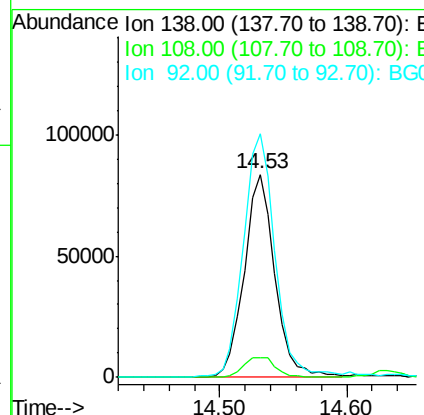
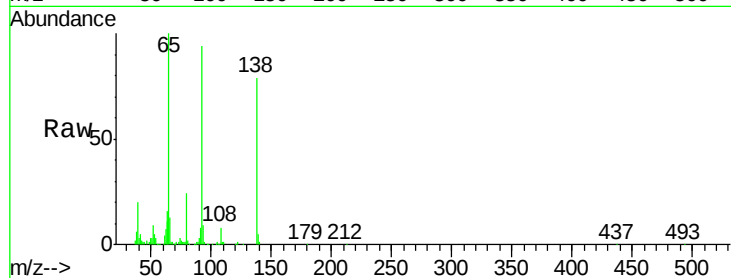




#53
 3-Nitroaniline
 Concen: 34.765 ng
 RT: 14.53 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

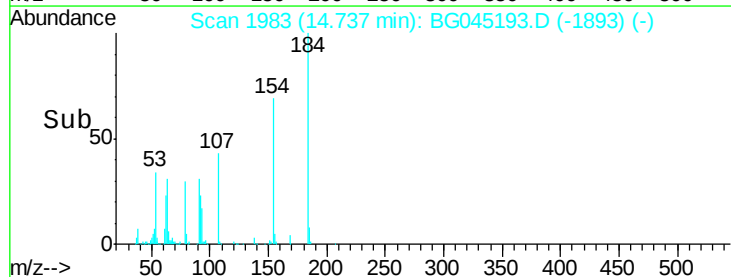
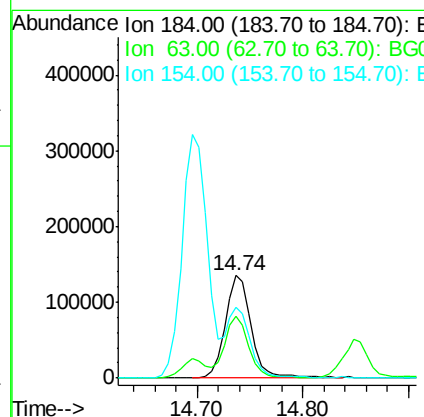
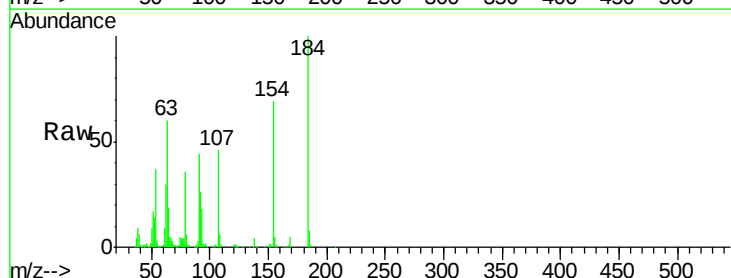
Instrument :
 BNA_G
 ClientSampleId :

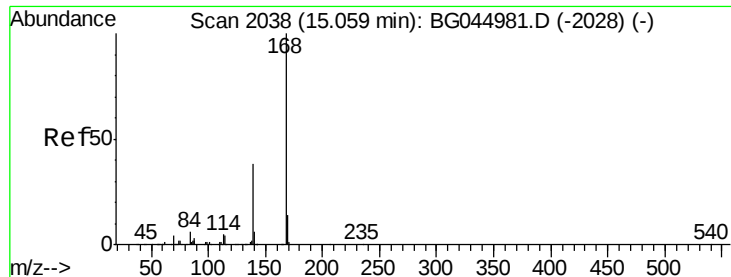
Tot Ion:138 Resp: 139819
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.8
 92 120.1 94.5 141.7



#54
 2,4-Dinitrophenol
 Concen: 104.912 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion:184 Resp: 228762
 Ion Ratio Lower Upper
 184 100
 63 60.3 41.5 62.3
 154 68.9 52.3 78.5





#55

Dibenzofuran

Concen: 45.787 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

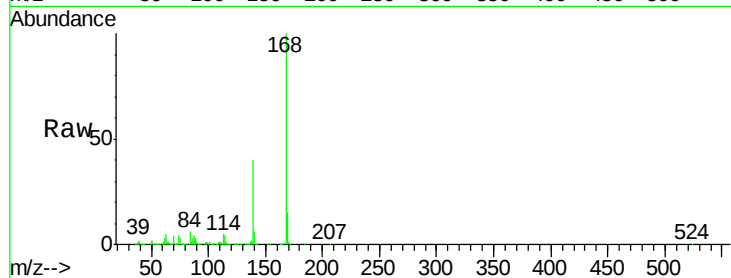
Tot Ion:168 Resp: 860290

Ion Ratio Lower Upper

168 100

139 40.0 30.4 45.6

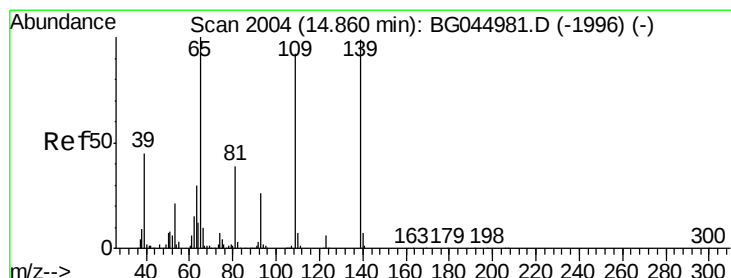
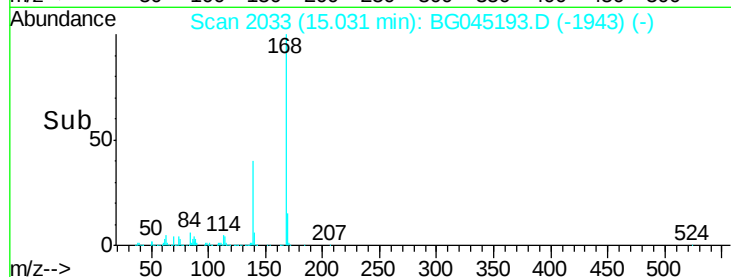
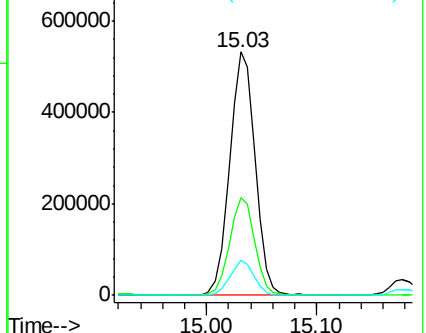
169 14.5 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.040 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

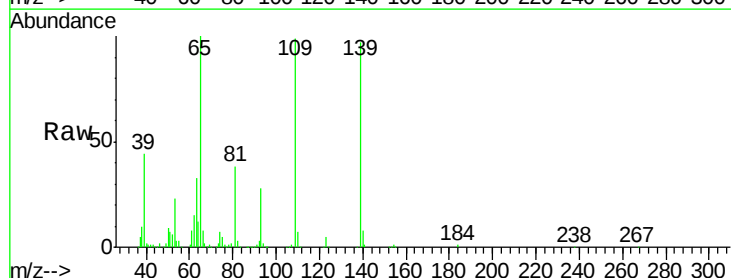
Tgt Ion:139 Resp: 280782

Ion Ratio Lower Upper

139 100

109 102.5 73.6 113.6

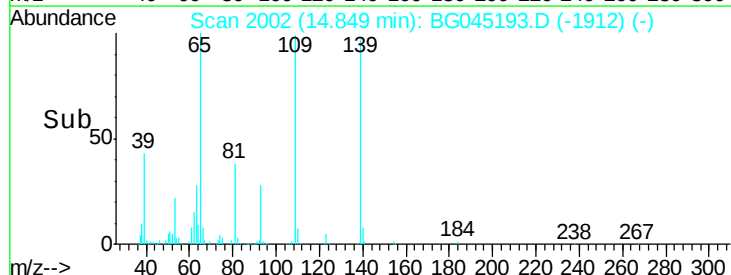
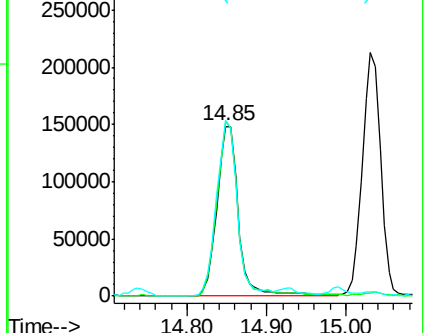
65 103.6 81.2 121.2

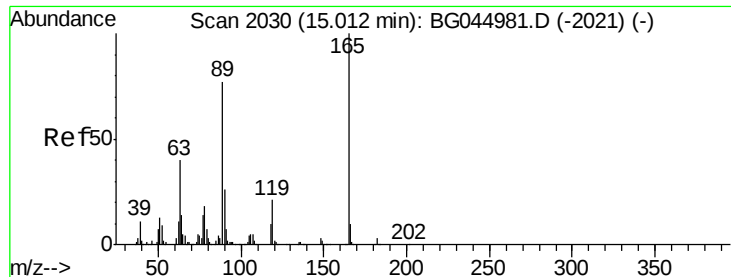


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

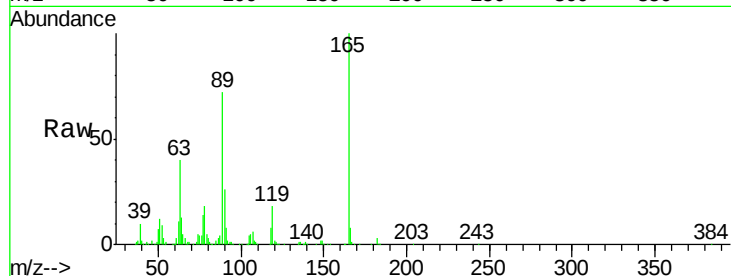




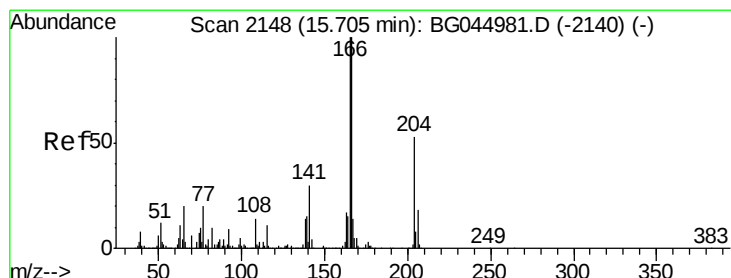
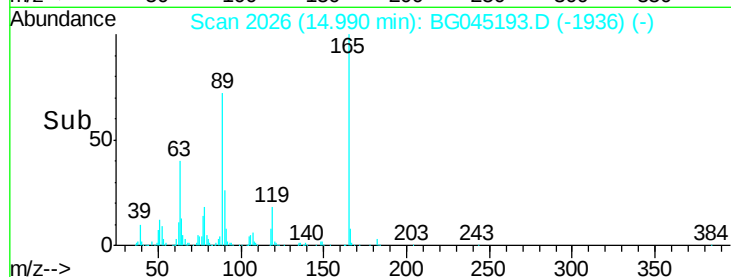
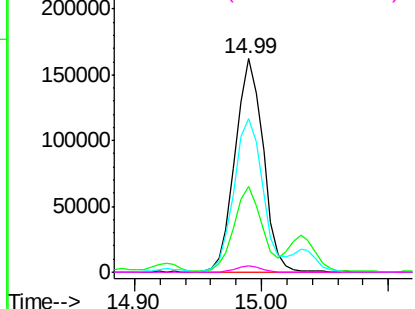
#57
 2,4-Dinitrotoluene
 Concen: 46.631 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	249896
Ion	Ratio	Lower	Upper
165	100		
63	40.2	32.2	48.2
89	71.8	61.7	92.5
182	2.7	2.0	3.0

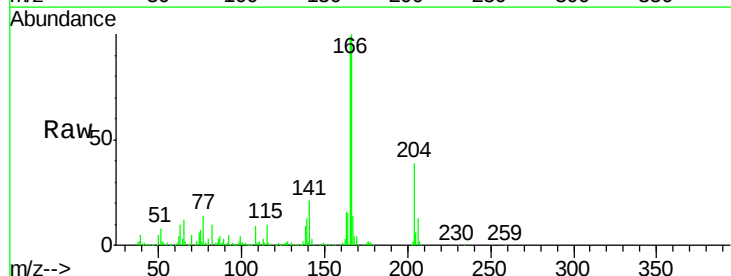


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

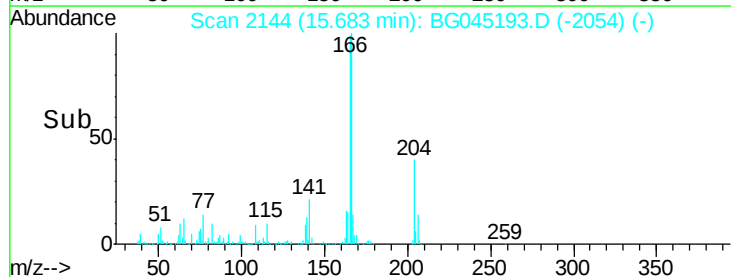
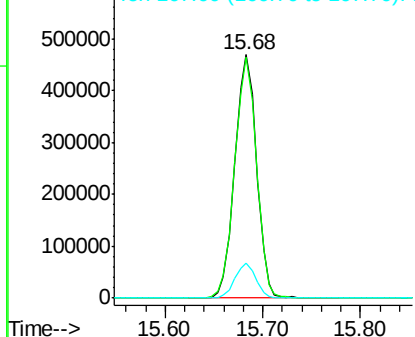


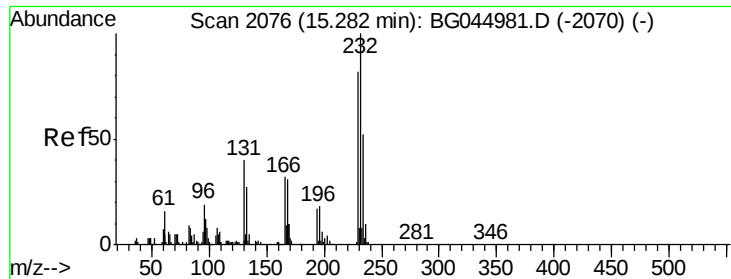
#58
 Fluorene
 Concen: 47.540 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion:	166	Resp:	729597
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.9	119.9
167	14.2	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

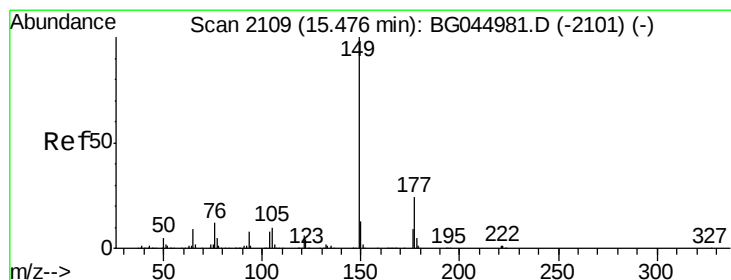
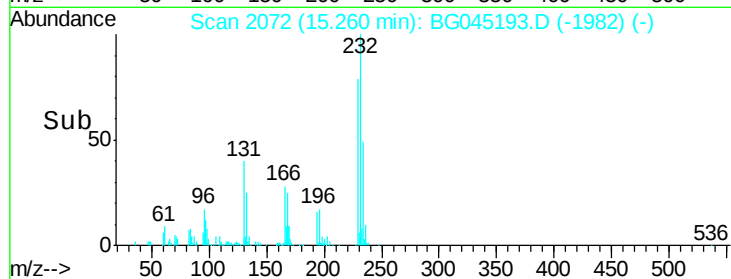
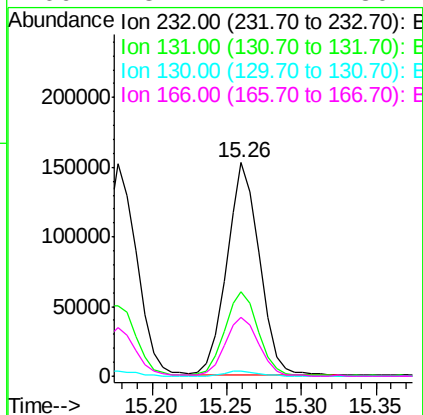
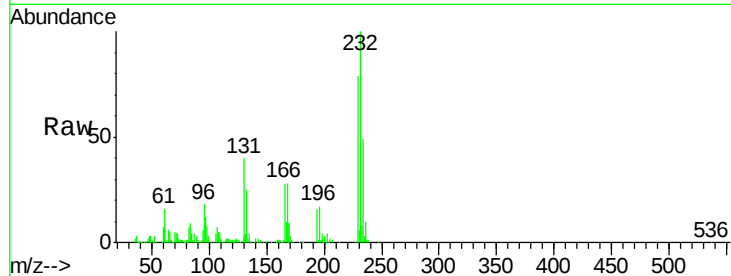




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.220 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

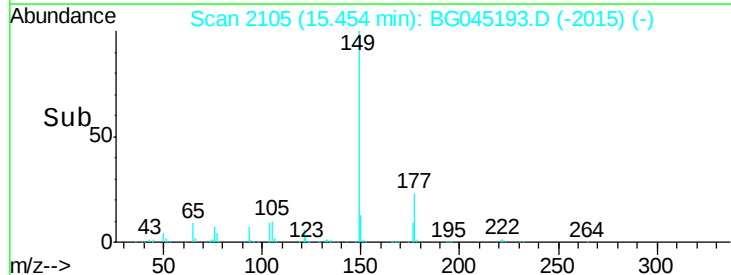
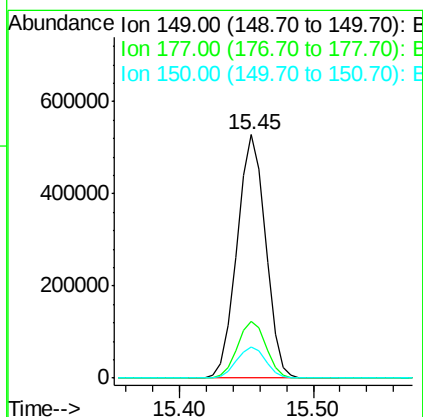
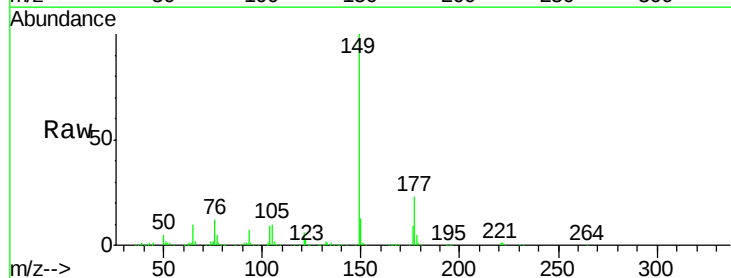
Instrument :
 BNA_G
 ClientSampleId :

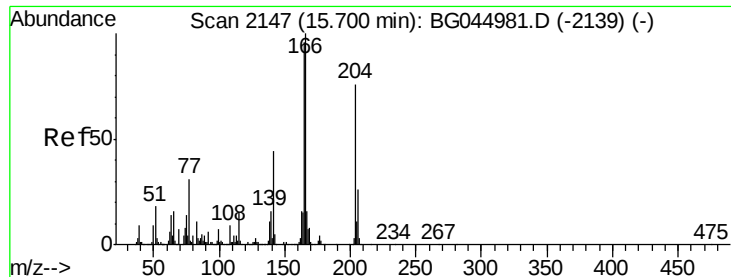
Tot Ion:232	Resp:	232719
Ion Ratio	Lower	Upper
232	100	
131	41.2	32.2 48.2
130	2.7	2.2 3.2
166	28.7	24.2 36.4



#60
 Diethylphthalate
 Concen: 45.832 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion:149	Resp:	783417
Ion Ratio	Lower	Upper
149	100	
177	23.2	18.9 28.3
150	13.0	10.6 15.8

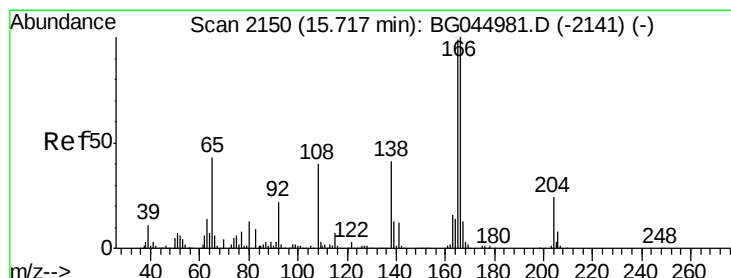
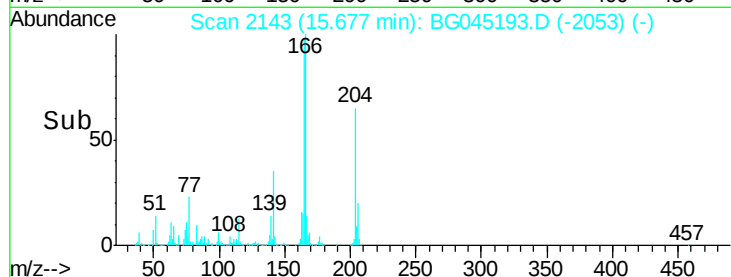
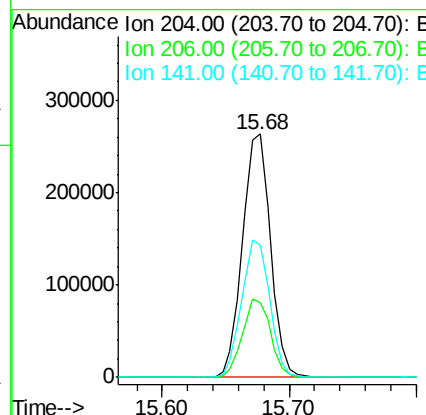
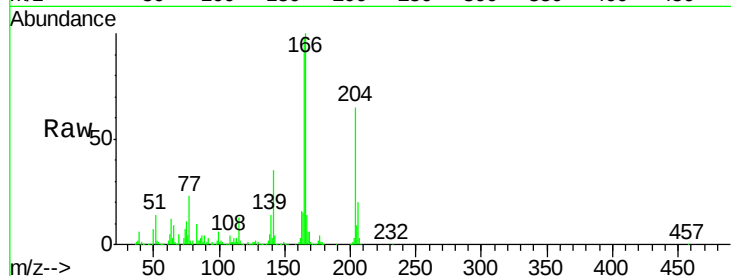




#61
 4-Chlorophenyl-phenylether
 Concen: 45.706 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

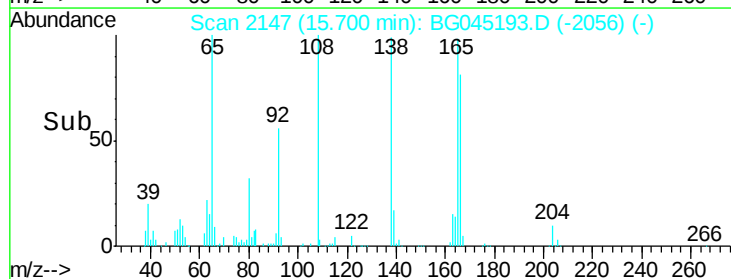
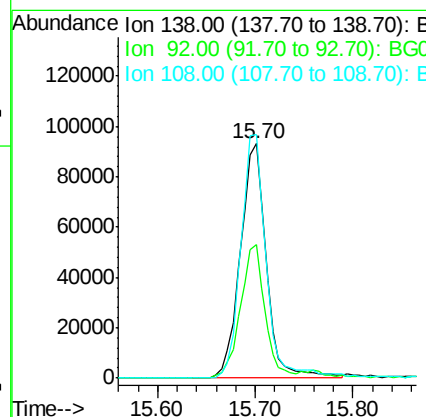
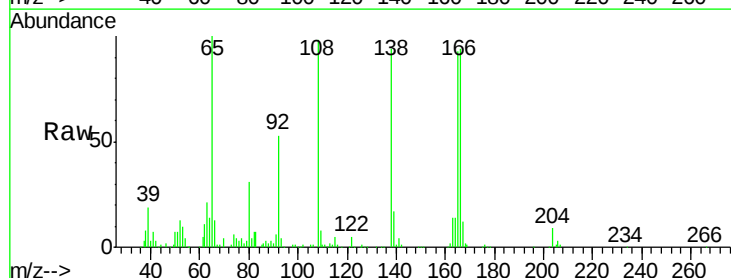
Instrument :
 BNA_G
 ClientSampled :

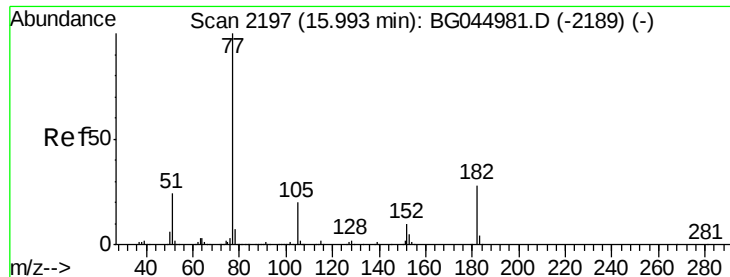
Tot Ion:204 Resp: 403742
 Ion Ratio Lower Upper
 204 100
 206 30.9 26.9 40.3
 141 54.1 46.3 69.5



#62
 4-Nitroaniline
 Concen: 41.583 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.01 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion:138 Resp: 173461
 Ion Ratio Lower Upper
 138 100
 92 56.8 33.6 73.6
 108 103.8 78.2 118.2





#63

Azobenzene

Concen: 46.631 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 734865

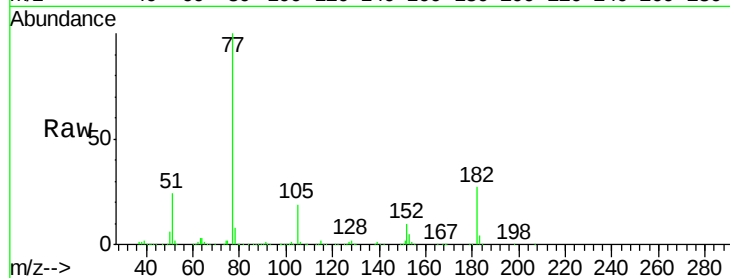
Ion Ratio Lower Upper

77 100

182 26.8 8.4 48.4

105 18.7 0.5 40.5

51 24.3 4.4 44.4

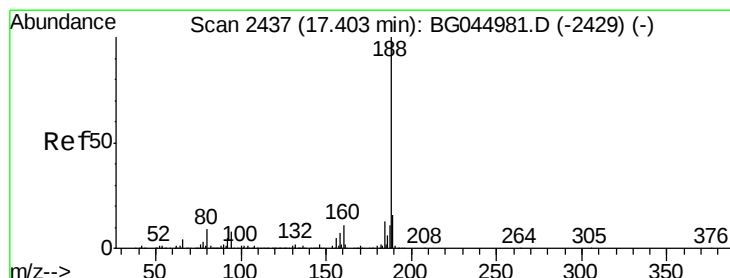
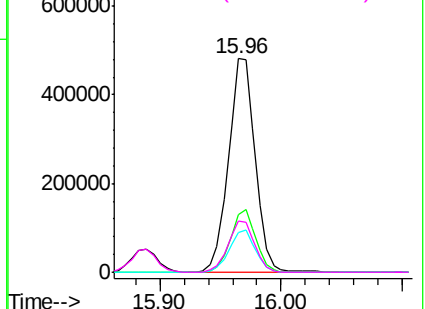
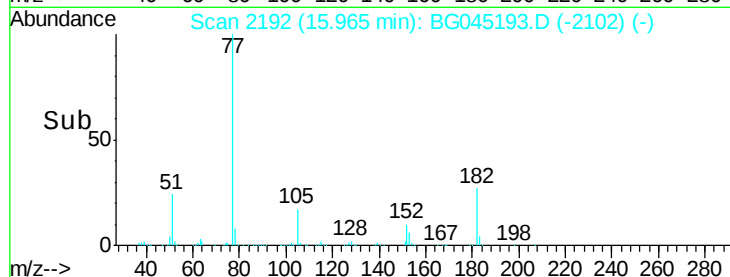


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

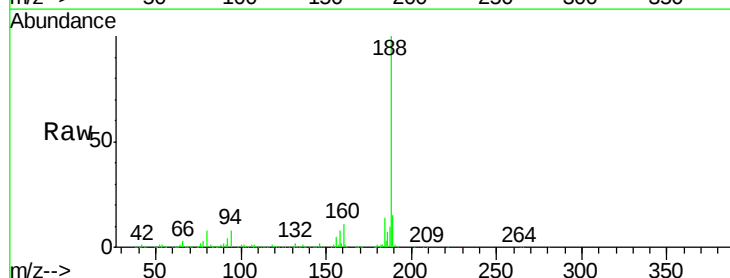
Tgt Ion: 188 Resp: 477155

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

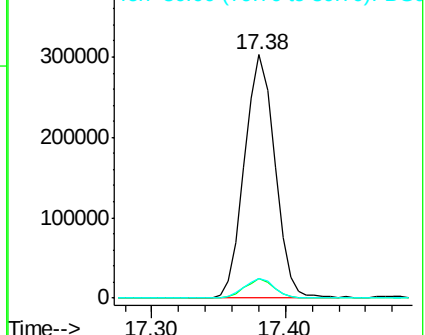
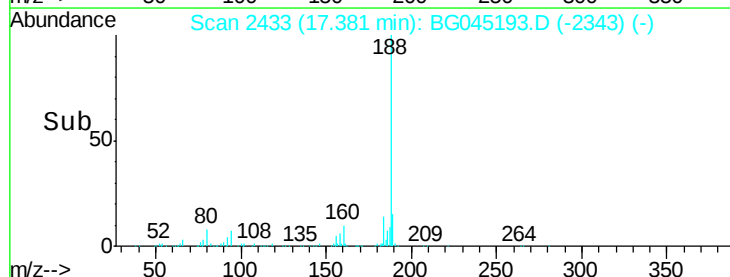
80 8.0 7.0 10.6

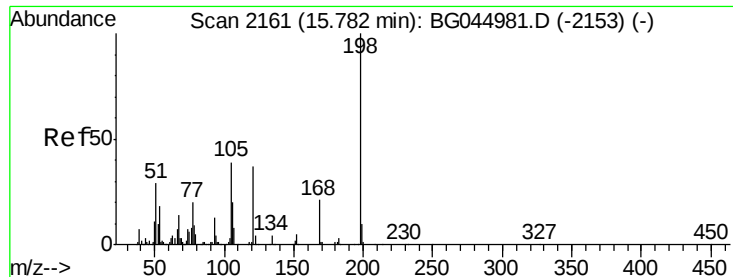


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.507 ng

RT: 15.76 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

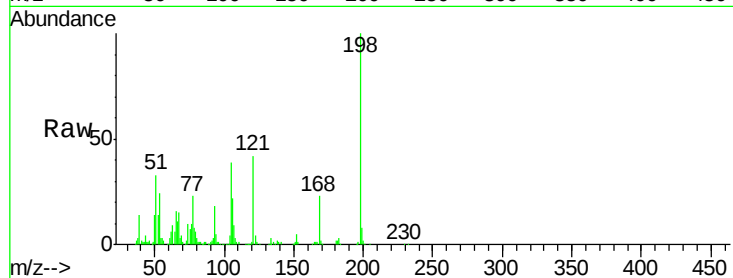
Tot Ion:198 Resp: 164681

Ion	Ratio	Lower	Upper
198	100		
51	32.7	10.0	50.0
105	38.6	18.9	58.9

198 100

51 32.7 10.0 50.0

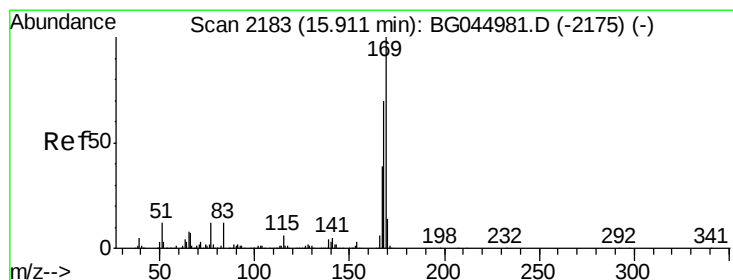
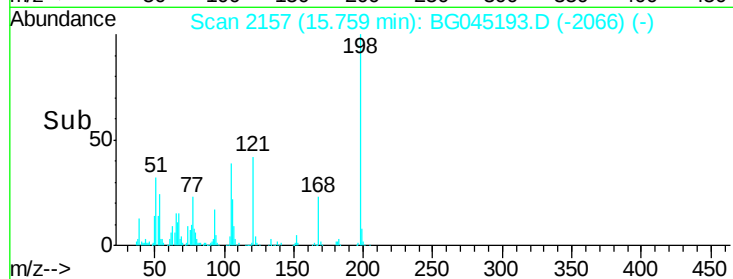
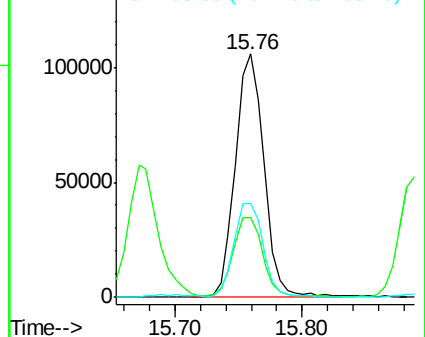
105 38.6 18.9 58.9



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: 48.257 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

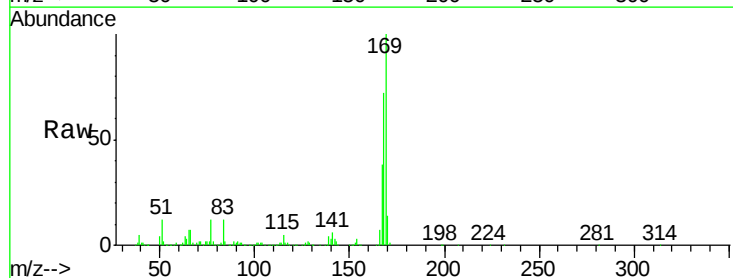
Tgt Ion:169 Resp: 661587

Ion	Ratio	Lower	Upper
169	100		
168	71.6	55.8	83.8
167	38.4	30.8	46.2

169 100

168 71.6 55.8 83.8

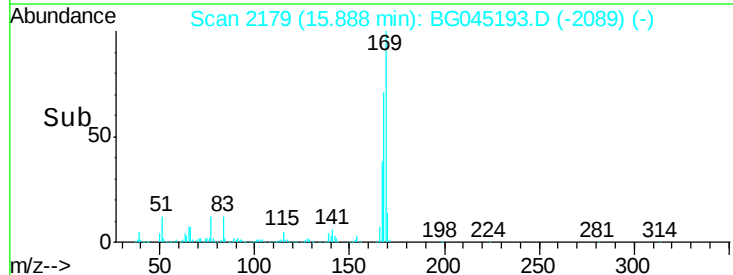
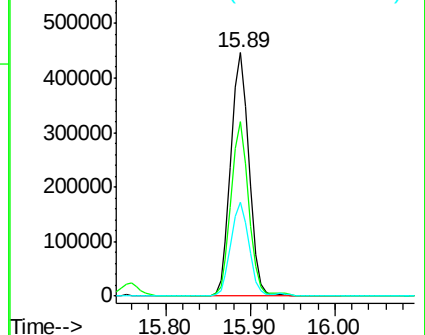
167 38.4 30.8 46.2

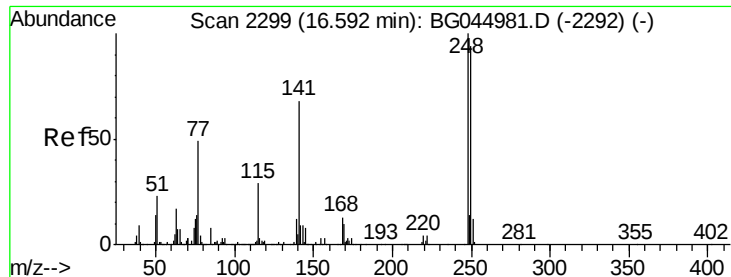


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

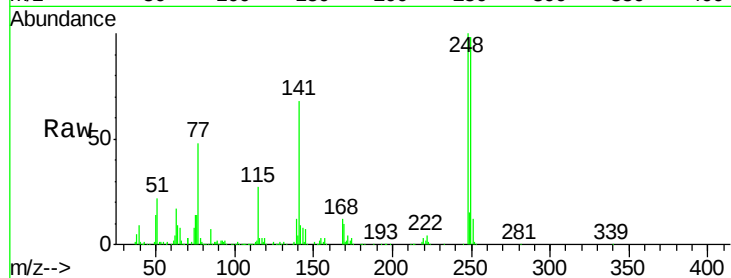




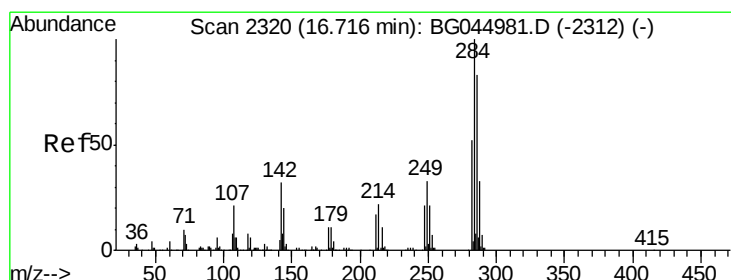
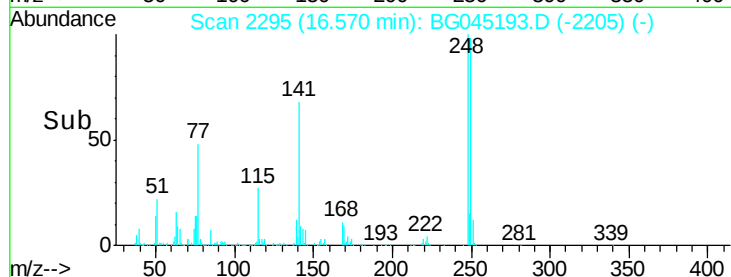
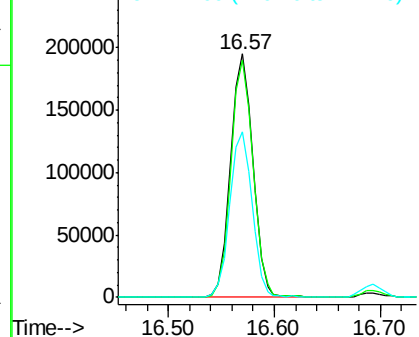
#67
4-Bromophenyl-phenylether
Concen: 46.321 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 285135
Ion Ratio Lower Upper
248 100
250 97.5 75.4 113.2
141 68.2 54.4 81.6

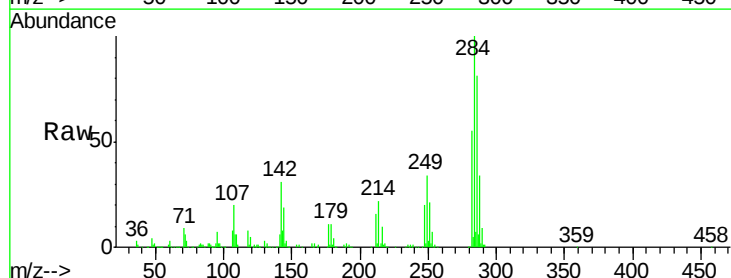


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

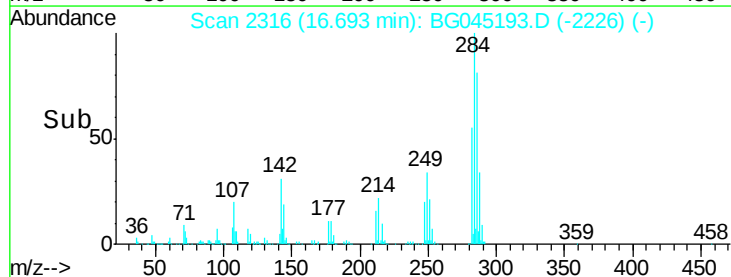
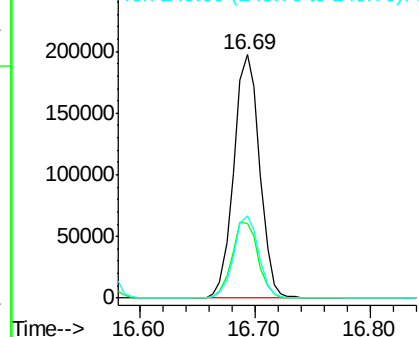


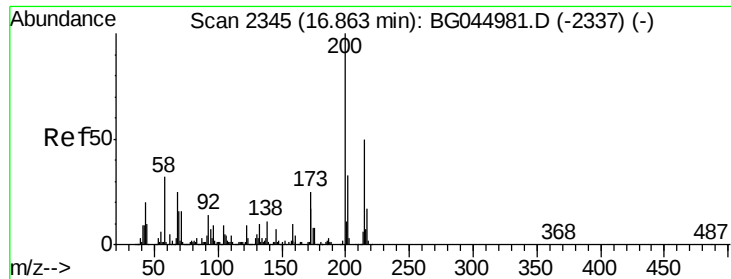
#68
Hexachlorobenzene
Concen: 47.678 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion:284 Resp: 304384
Ion Ratio Lower Upper
284 100
142 30.6 25.8 38.6
249 33.7 26.6 39.8



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

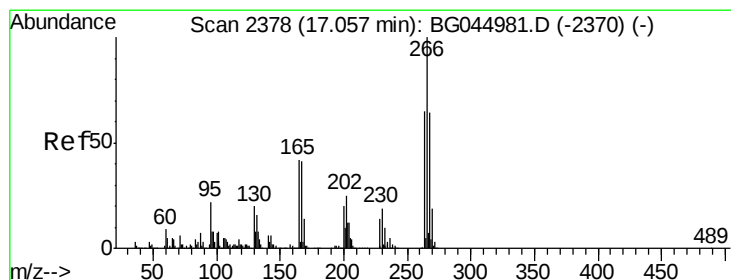
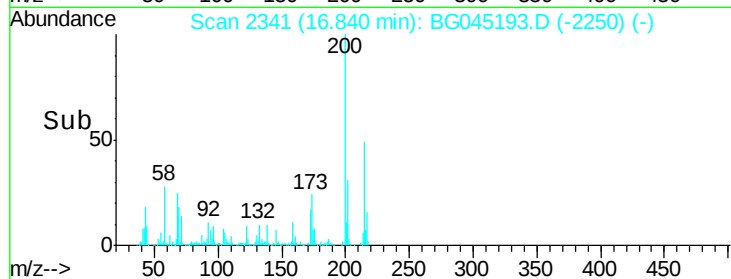
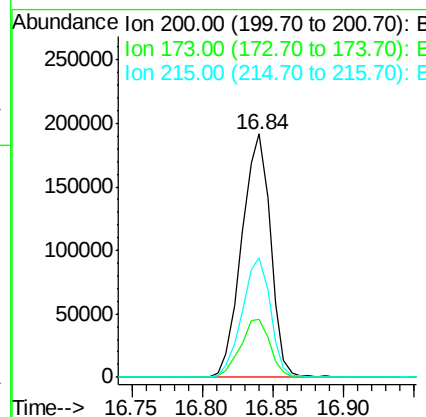
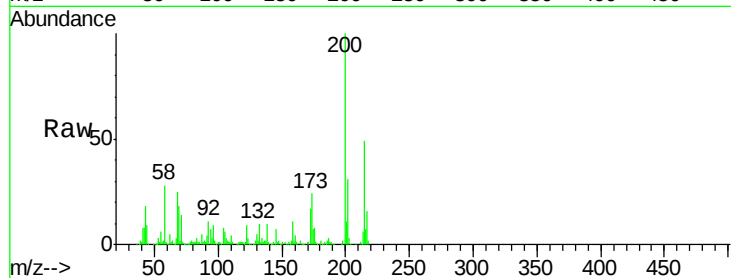




#69
 Atrazine
 Concen: 55.939 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. 0.01 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

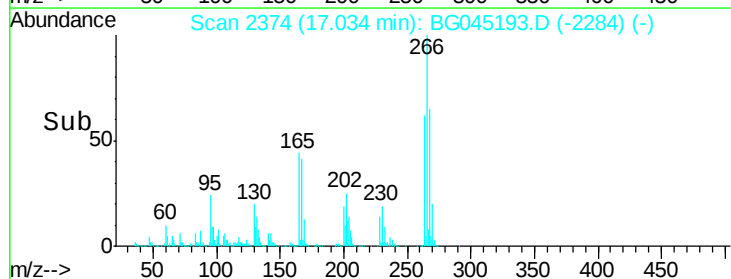
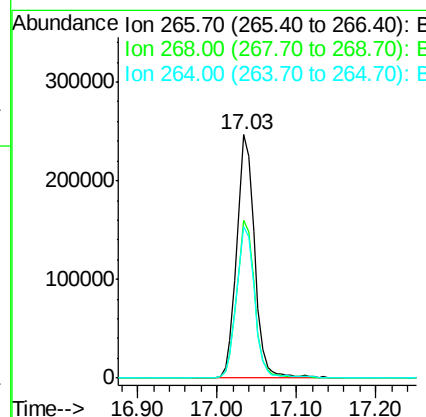
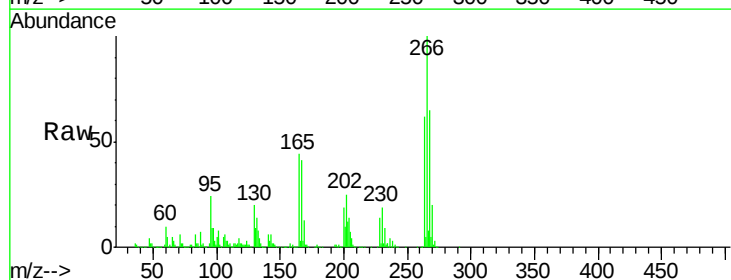
Instrument :
 BNA_G
 ClientSampleId :

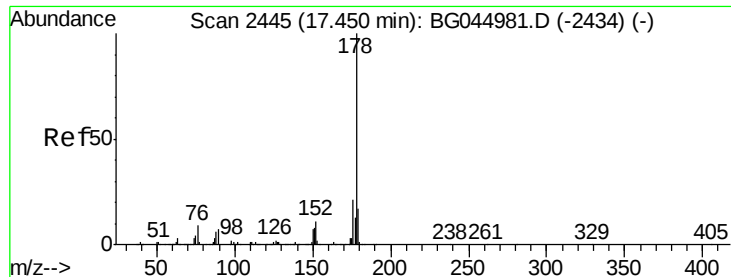
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.5	44.5
215	49.0	30.0	70.0



#70
 Pentachlorophenol
 Concen: 99.168 ng
 RT: 17.03 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG045193.D
 Acq: 28 Apr 2020 20:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.5	77.3
264	62.4	52.2	78.4

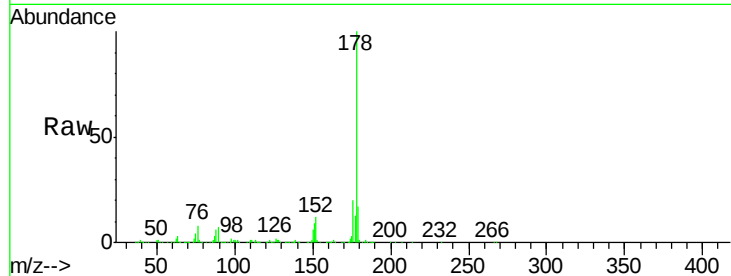




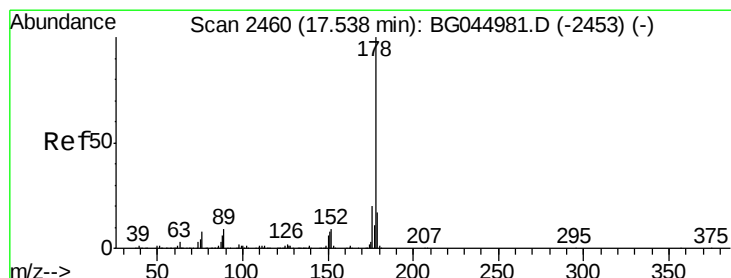
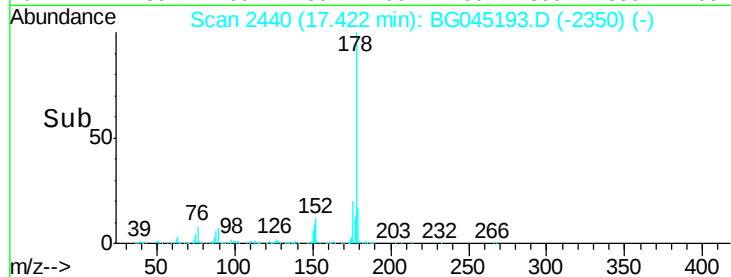
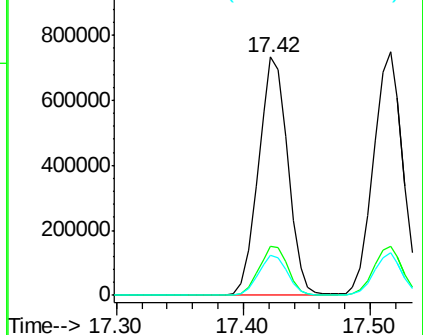
#71
Phenanthrene
Concen: 48.352 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 1185574
Ion Ratio Lower Upper
178 100
176 20.4 16.8 25.2
179 17.1 13.2 19.8

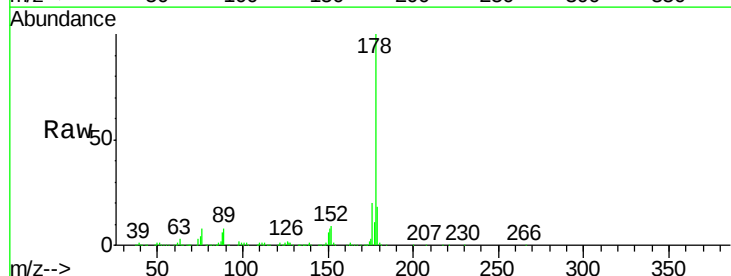


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

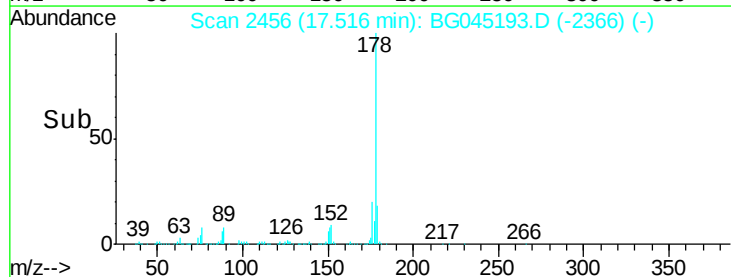
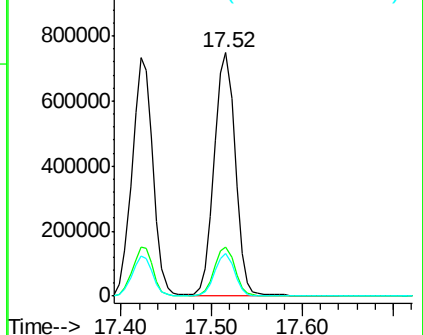


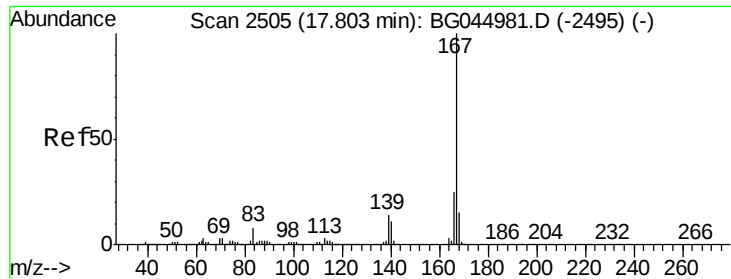
#72
Anthracene
Concen: 49.189 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion:178 Resp: 1209849
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 17.7 13.6 20.4



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





#73

Carbazole

Concen: 44.464 ng

RT: 17.78 min Scan# 2501

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

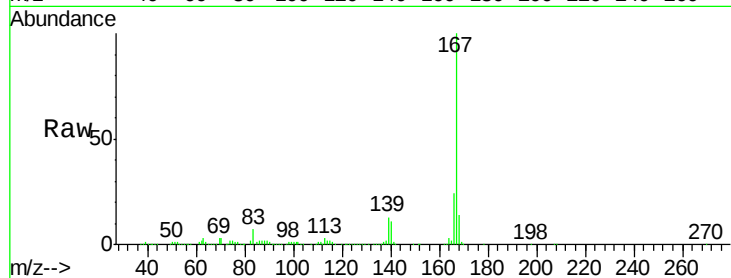
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1109825

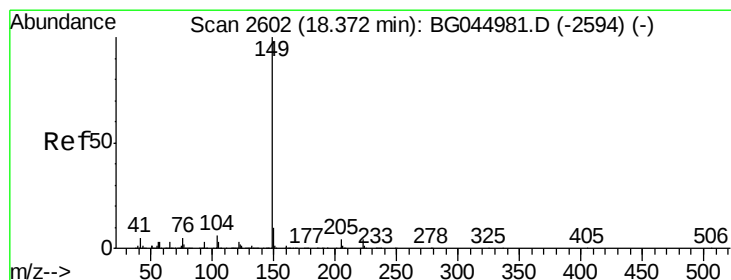
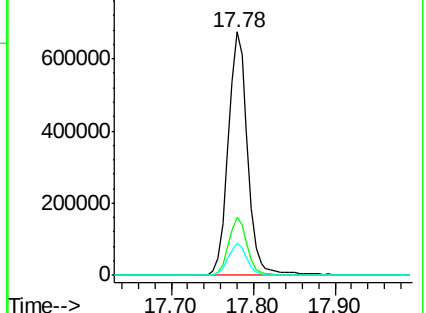
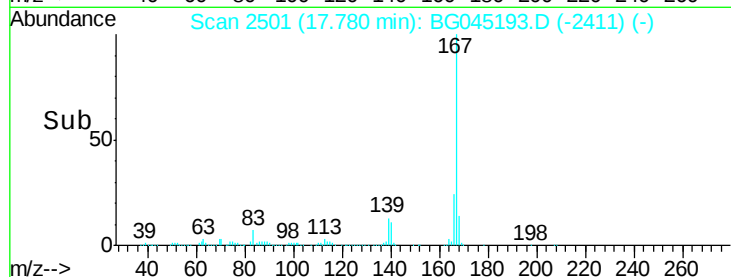
Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.8	29.6
139	13.4	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.074 ng

RT: 18.34 min Scan# 2597

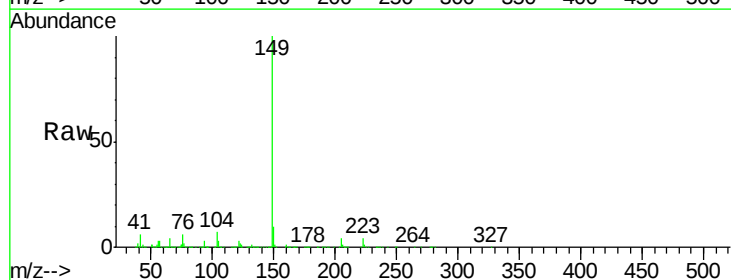
Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Tgt Ion:149 Resp: 1318422

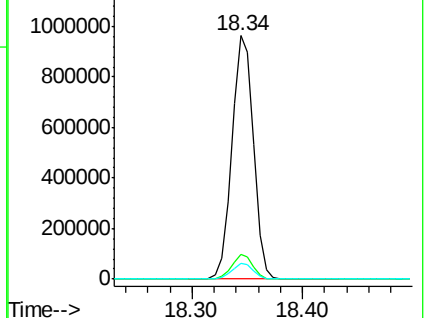
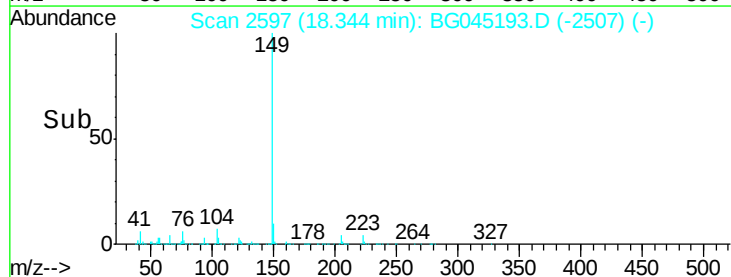
Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.7	4.8	7.2

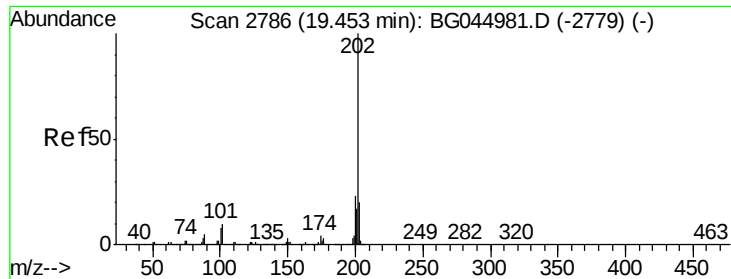


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.370 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

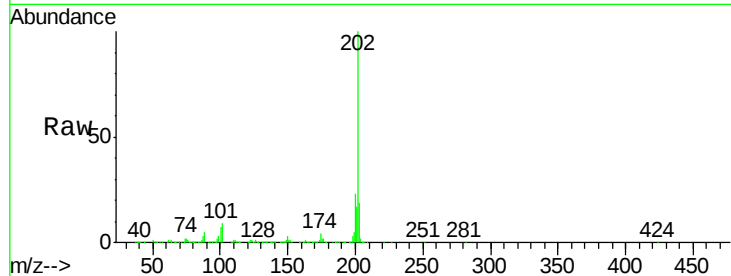
Tot Ion:202 Resp: 1430444

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.6

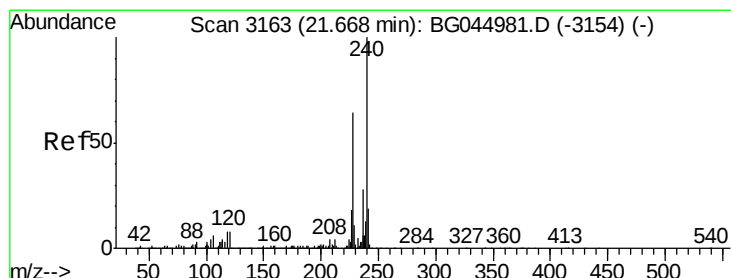
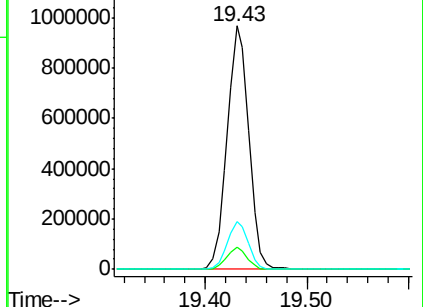
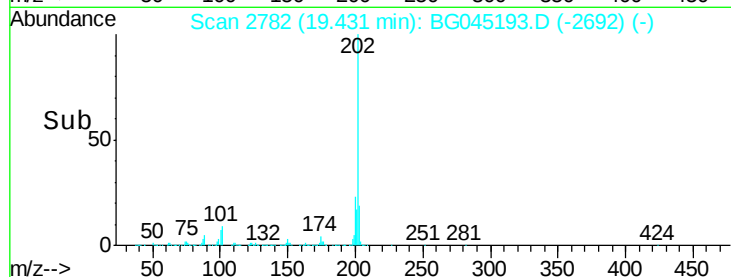
203 19.4 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

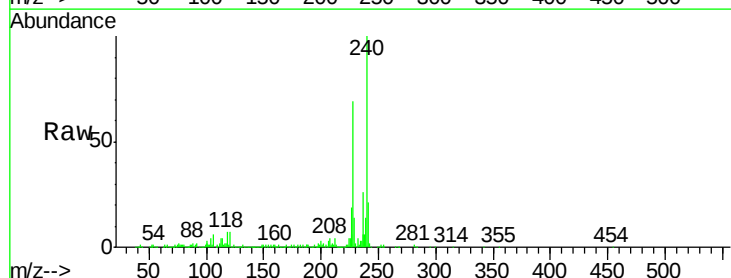
Tgt Ion:240 Resp: 432310

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

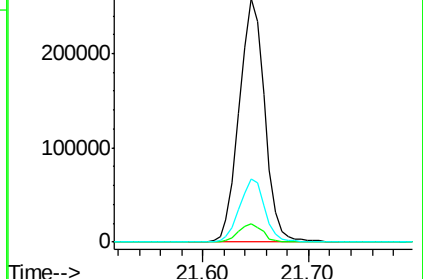
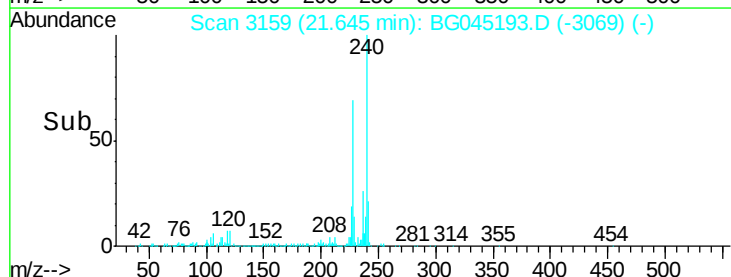
236 26.1 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 84.238 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

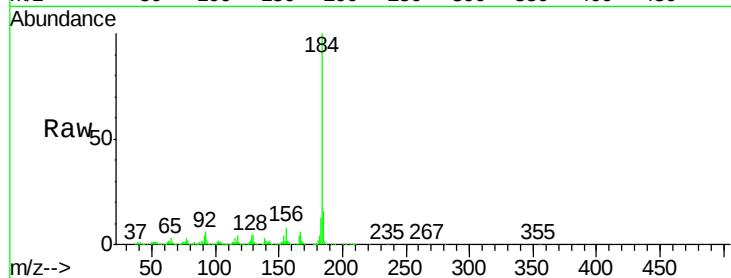
Tot Ion:184 Resp: 989760

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

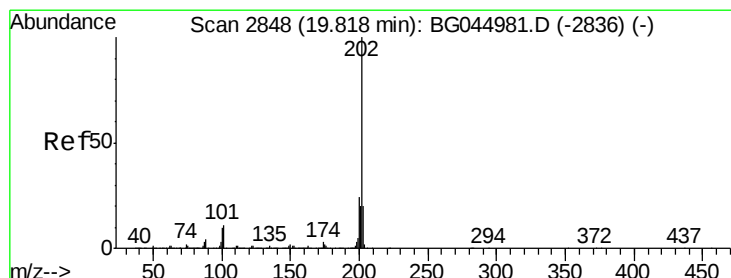
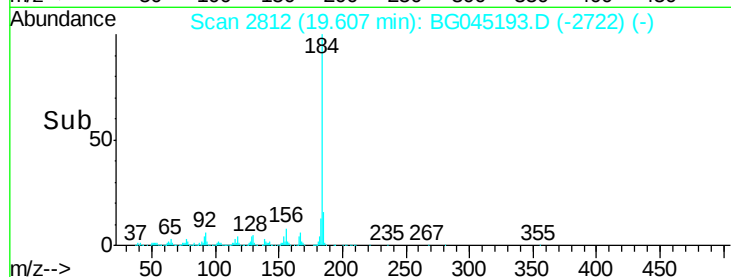
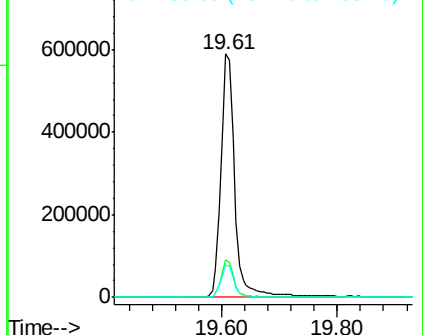
183 13.1 11.3 16.9



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: 46.774 ng

RT: 19.79 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

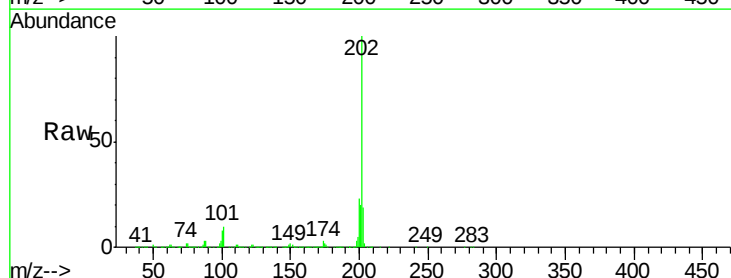
Tgt Ion:202 Resp: 1394038

Ion Ratio Lower Upper

202 100

200 23.5 19.0 28.6

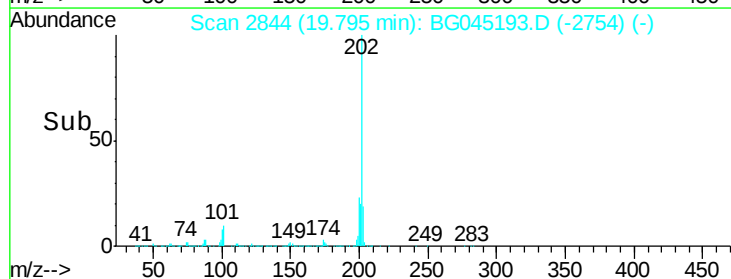
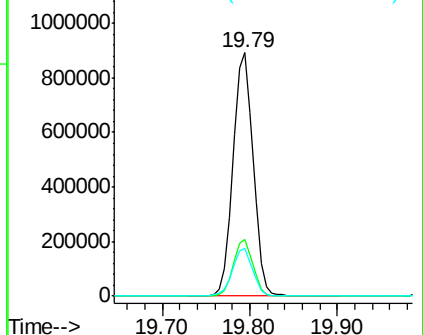
203 19.5 16.1 24.1

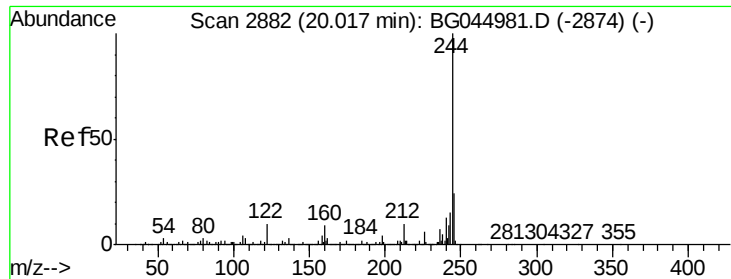


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.407 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

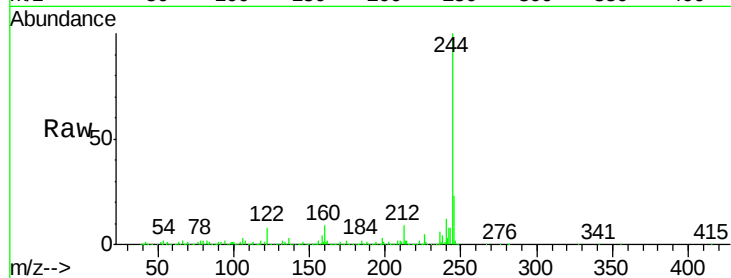
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1674177

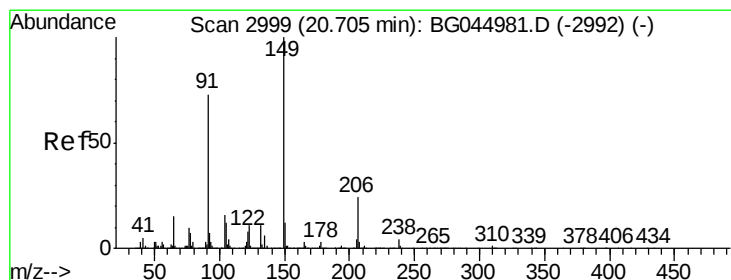
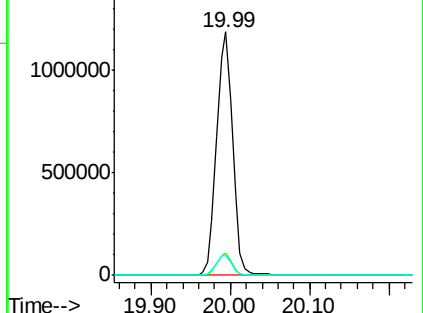
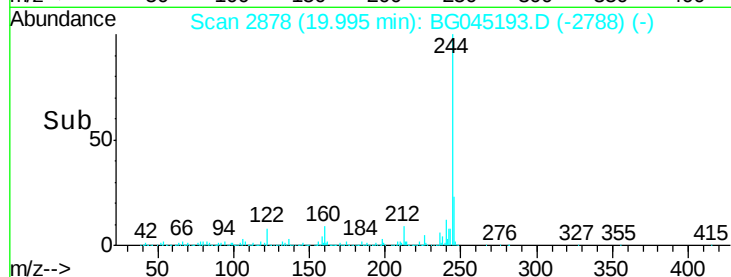
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.9	11.9
122	8.1	7.7	11.5



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: 46.903 ng

RT: 20.68 min Scan# 2995

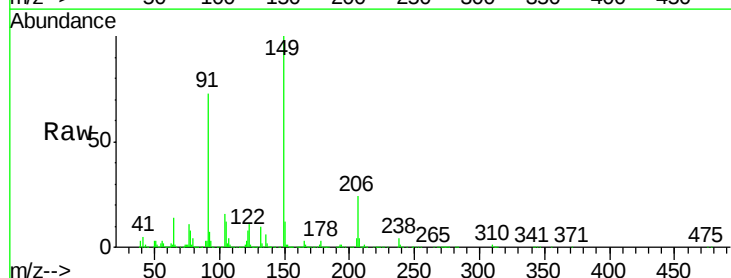
Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Tgt Ion:149 Resp: 579437

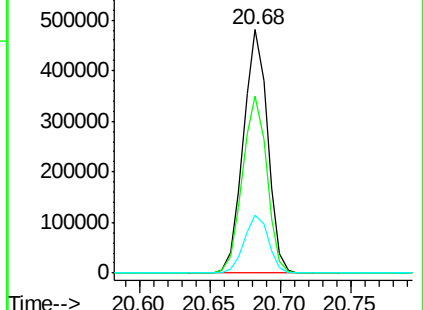
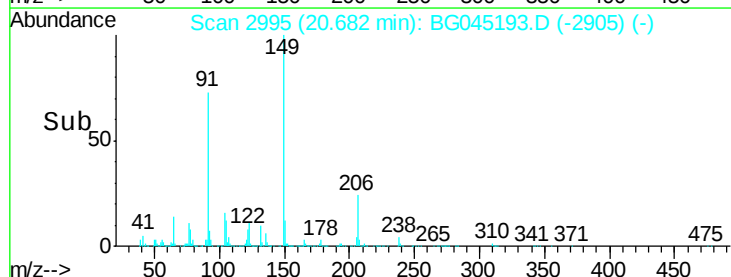
Ion	Ratio	Lower	Upper
149	100		
91	72.9	58.5	87.7
206	24.0	19.2	28.8

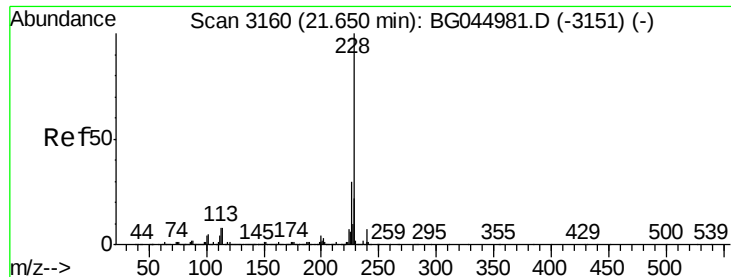


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

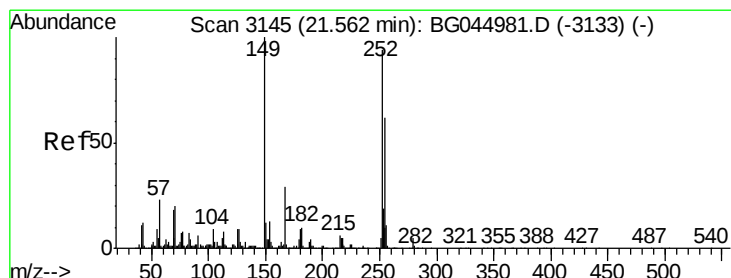
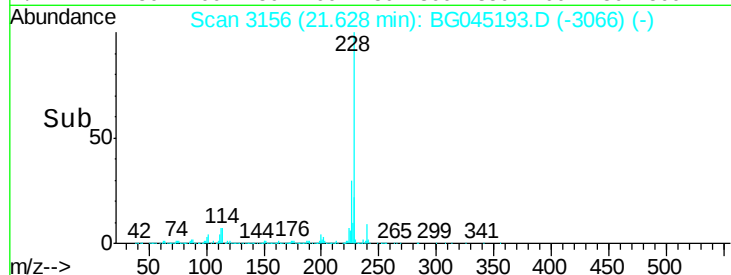
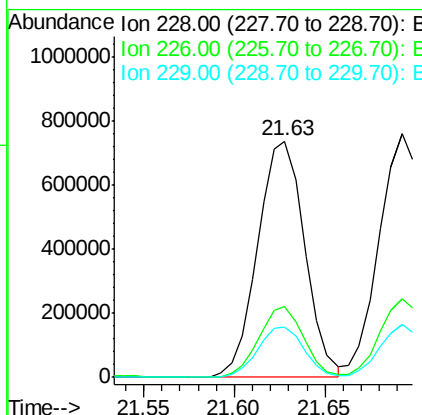
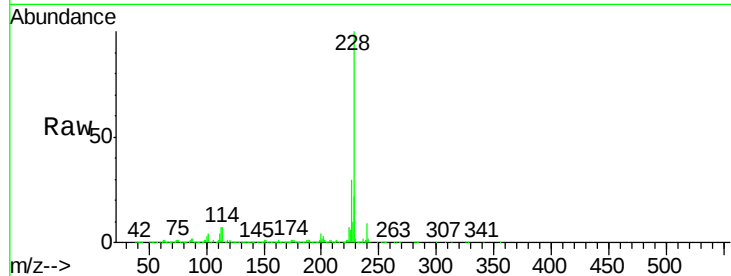




#81
Benzo(a)anthracene
Concen: 47.302 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

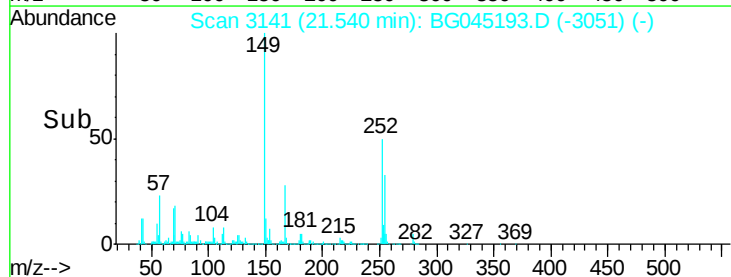
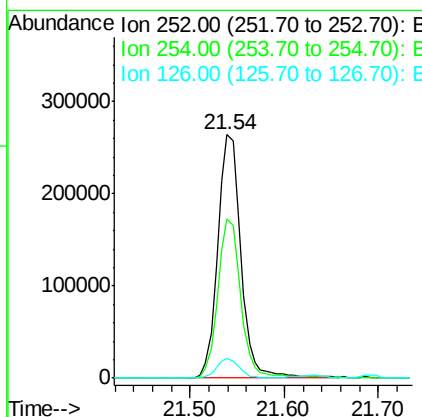
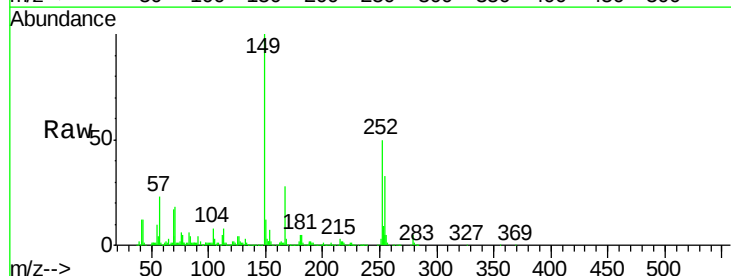
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1325385
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 21.5 17.5 26.3



#82
3,3'-Dichlorobenzidine
Concen: 41.158 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion:252 Resp: 459016
Ion Ratio Lower Upper
252 100
254 65.2 52.6 79.0
126 7.9 7.5 11.3





#83

Chrysene

Concen: 48.613 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

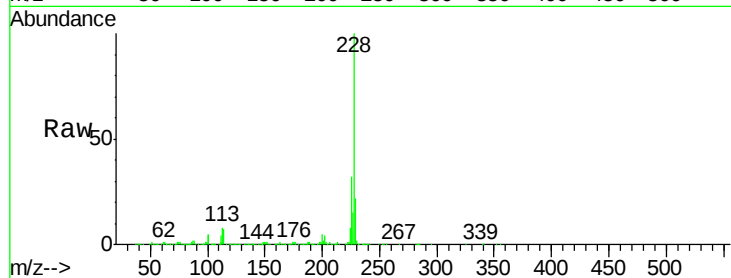
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1308751

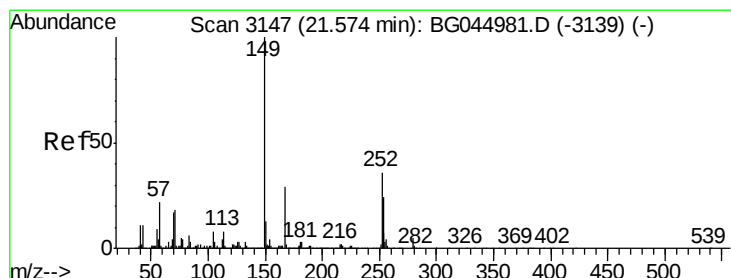
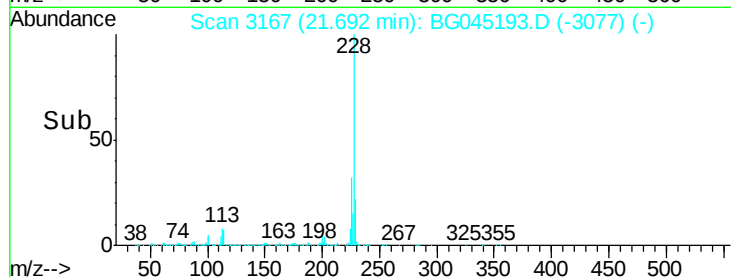
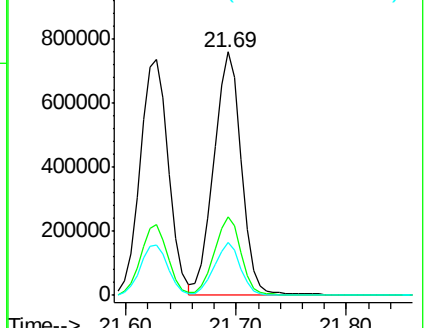
Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.2	39.4
229	21.9	17.0	25.6



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: 47.684 ng

RT: 21.55 min Scan# 3142

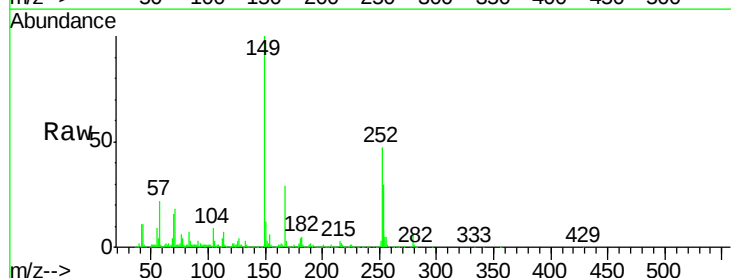
Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Tgt Ion:149 Resp: 810198

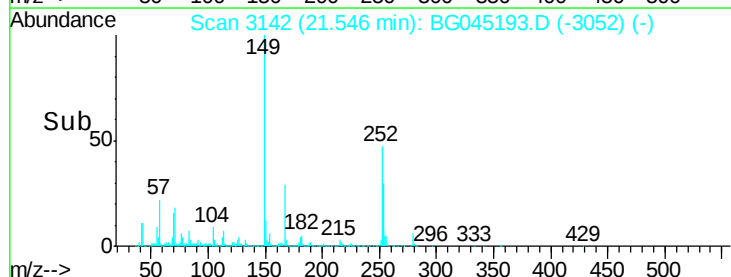
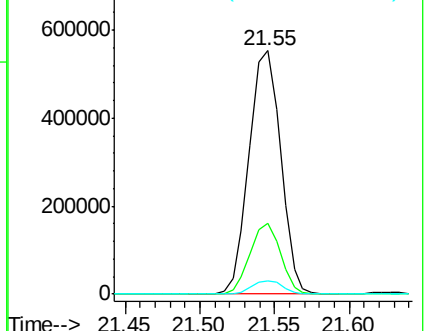
Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.7	4.3	6.5

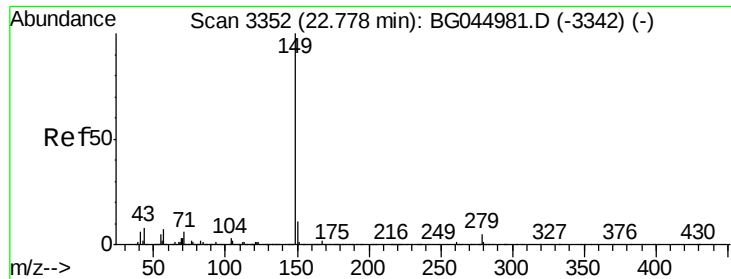


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.769 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

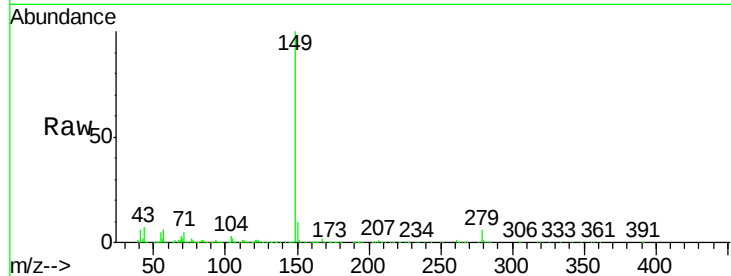
Tot Ion:149 Resp: 1403542

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

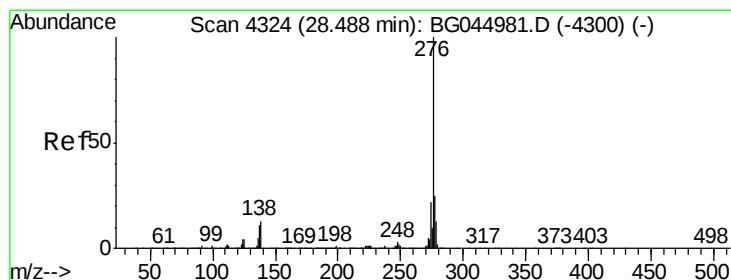
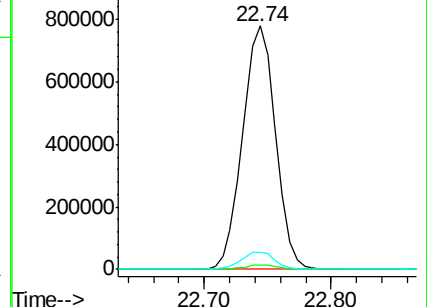
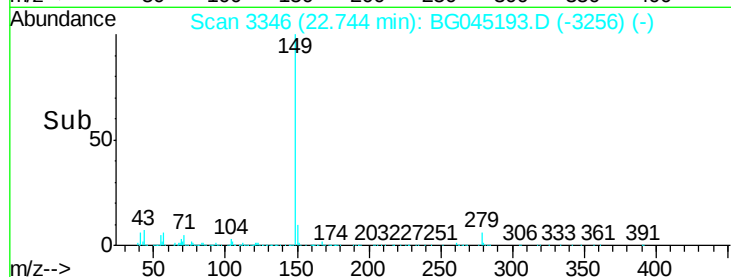
43 7.1 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.454 ng

RT: 28.42 min Scan# 4313

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

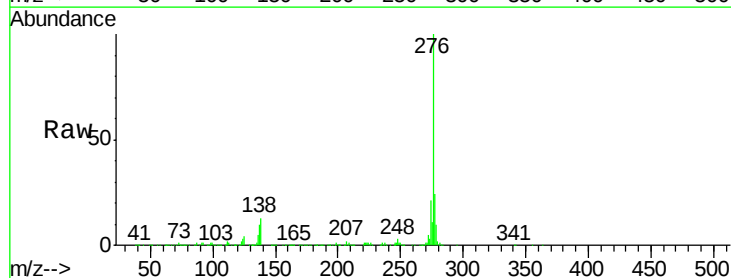
Tgt Ion:276 Resp: 1767675

Ion Ratio Lower Upper

276 100

138 6.1 9.6 14.4#

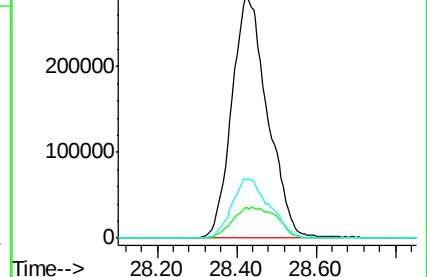
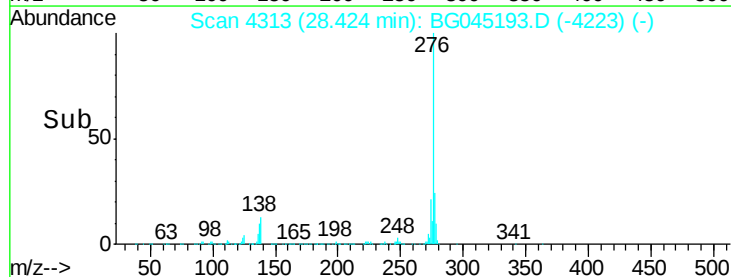
277 25.5 20.6 31.0

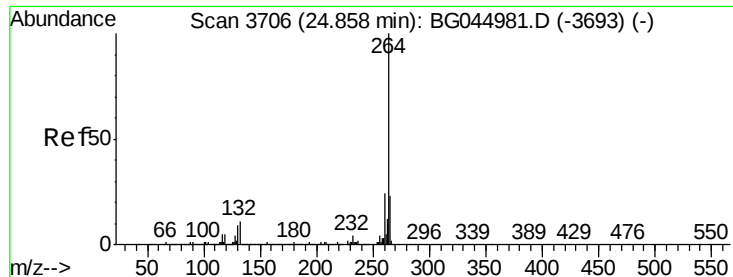


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.82 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Instrument :

BNA_G

ClientSampleId :

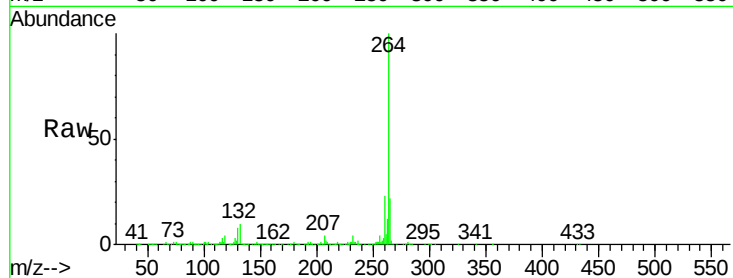
Tot Ion:264 Resp: 491422

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

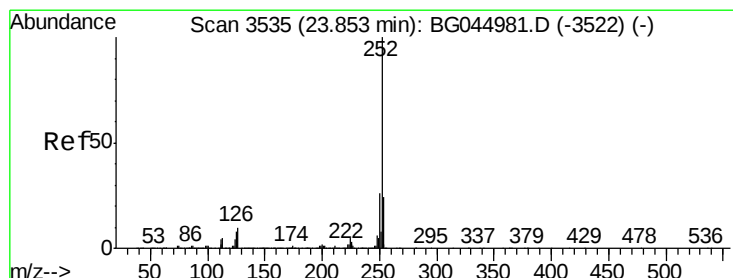
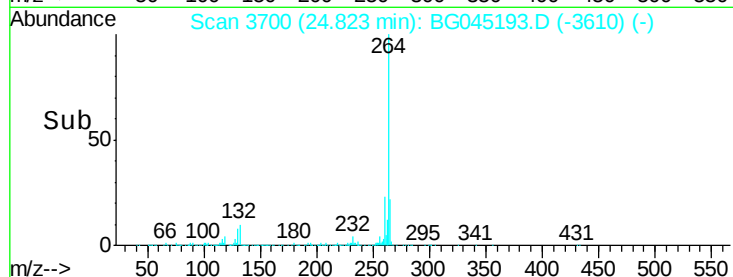
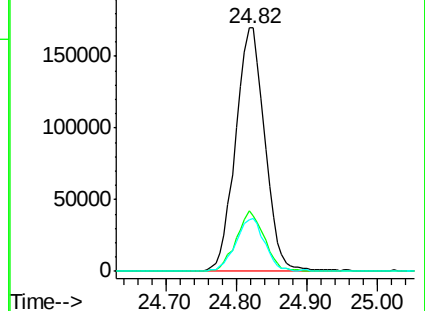
265 21.8 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.474 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

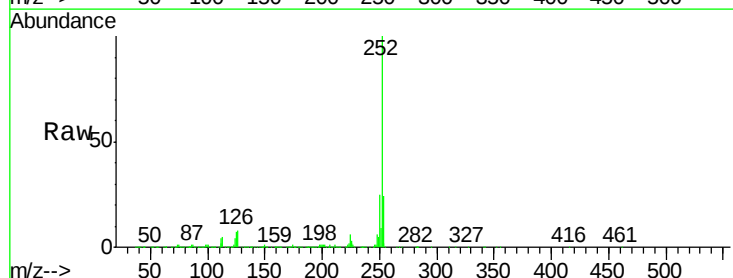
Tgt Ion:252 Resp: 1461379

Ion Ratio Lower Upper

252 100

253 24.0 18.8 28.2

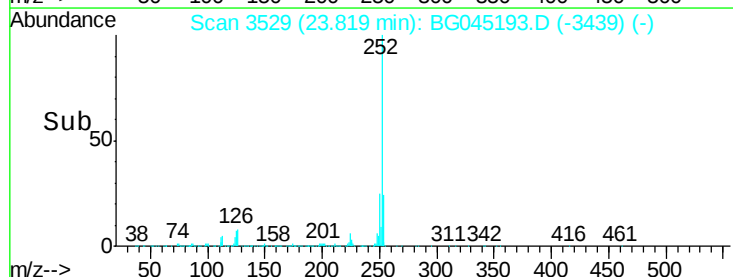
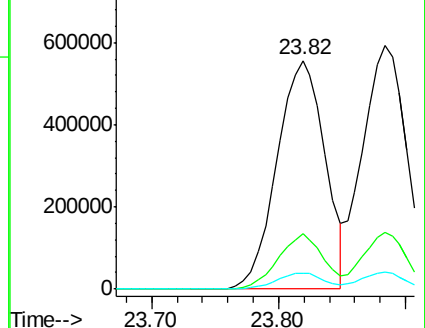
125 6.9 6.2 9.4

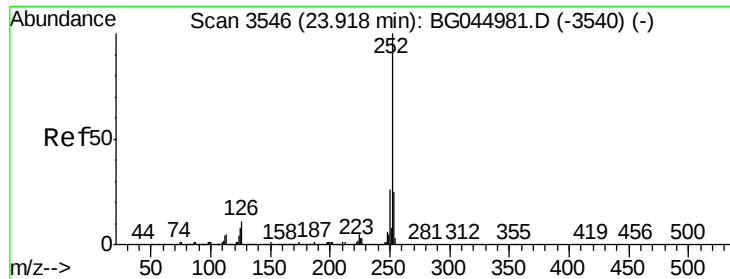


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

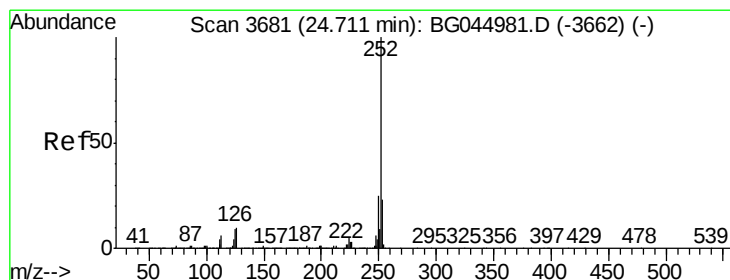
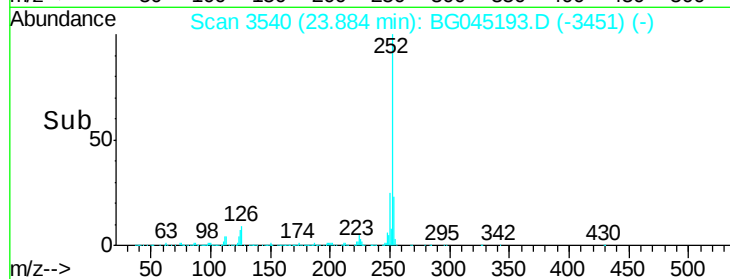
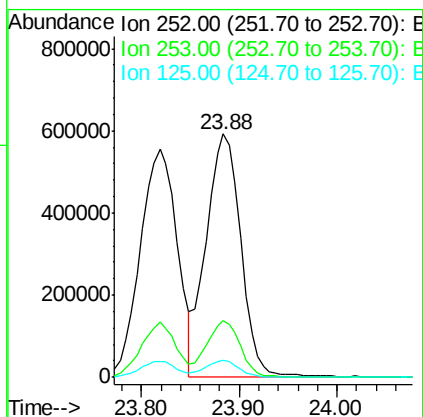
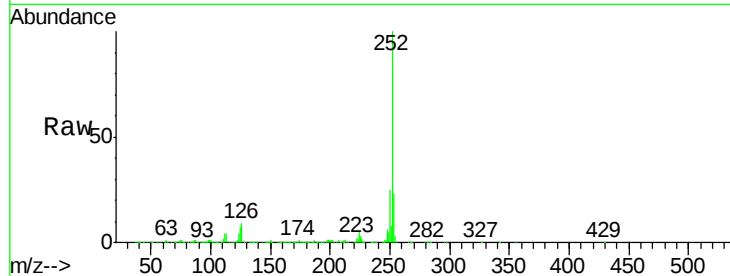




#89
Benzo(k)fluoranthene
Concen: 49.571 ng
RT: 23.88 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

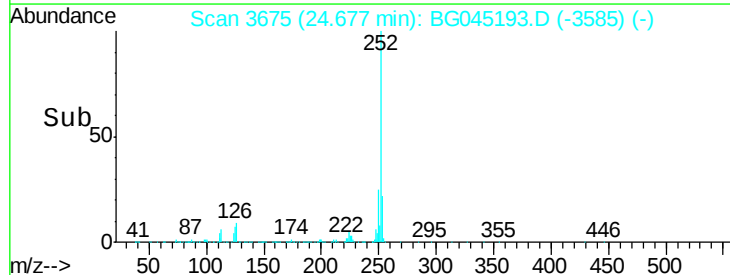
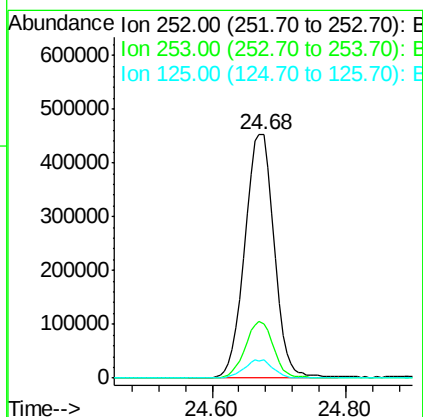
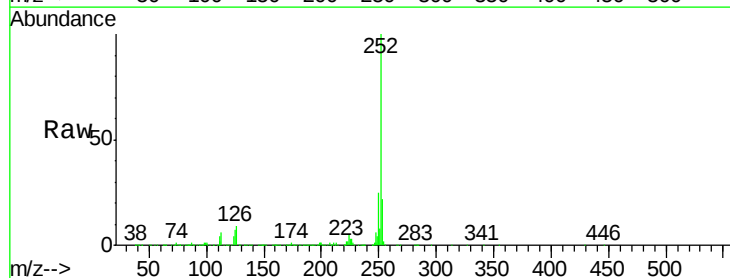
Instrument :
BNA_G
ClientSampleId :

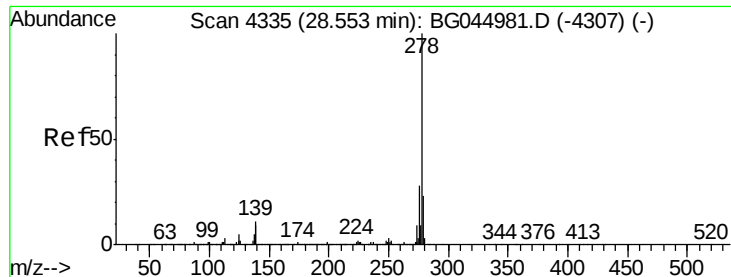
Tot Ion:252 Resp: 1451133
Ion Ratio Lower Upper
252 100
253 23.4 19.2 28.8
125 7.1 5.9 8.9



#90
Benzo(a)pyrene
Concen: 46.872 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG045193.D
Acq: 28 Apr 2020 20:13

Tgt Ion:252 Resp: 1362266
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 7.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 48.382 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

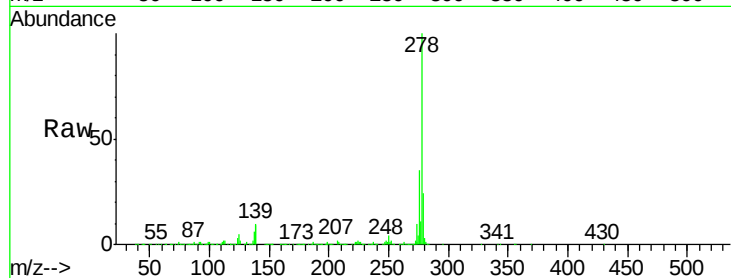
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1416897

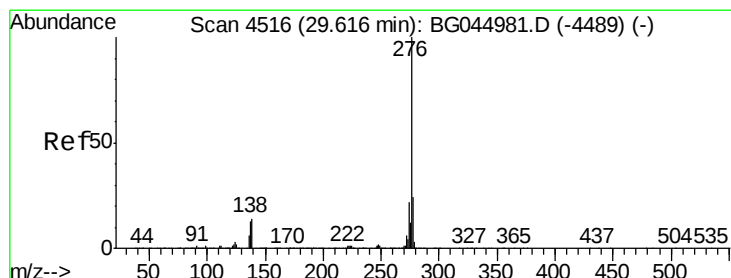
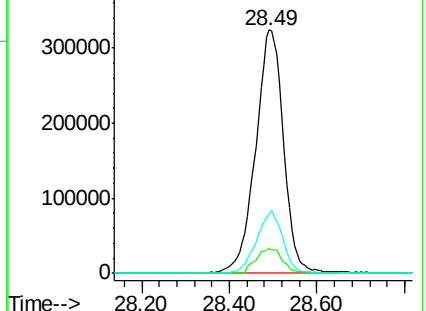
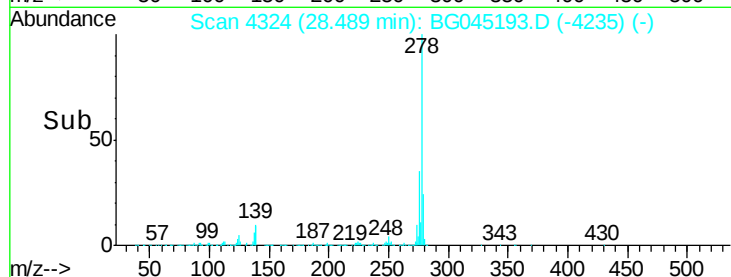
Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.0	13.6
279	24.4	18.4	27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.312 ng

RT: 29.56 min Scan# 4506

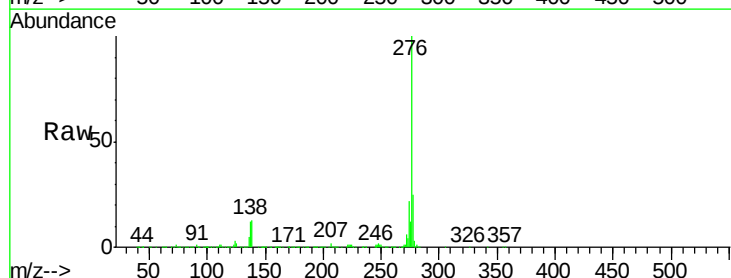
Delta R.T. 0.01 min

Lab File: BG045193.D

Acq: 28 Apr 2020 20:13

Tgt Ion:276 Resp: 1418464

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	12.9	11.4	17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

