

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042720\
 Data File : BG045177.D
 Acq On : 27 Apr 2020 13:56
 Operator : CG/JU
 Sample : PB128472BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Quant Time: Apr 27 14:31:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	56127	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	235661	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	182679	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	461766	20.00	ng	0.00
76) Chrysene-d12	21.65	240	417363	20.00	ng	0.00
87) Perylene-d12	24.82	264	457889	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	448031	131.79	ng	0.00
7) Phenol-d6	7.16	99	647558	128.20	ng	0.00
23) Nitrobenzene-d5	9.15	82	407698	78.94	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	363349	128.75	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1041953	83.63	ng	0.00
79) Terphenyl-d14	19.99	244	1869365	97.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	57520	38.071	ng	98
3) Pyridine	3.85	79	151872	32.647	ng	92
4) n-Nitrosodimethylamine	3.76	42	61408	43.091	ng	94
6) Aniline	7.31	93	209278	31.866	ng	97
8) 2-Chlorophenol	7.56	128	171931	47.056	ng	96
9) Benzaldehyde	7.12	77	80469	24.714	ng	97
10) Phenol	7.19	94	232849	46.067	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	158746	39.447	ng	97
12) 1,3-Dichlorobenzene	7.88	146	186591	43.338	ng	98
13) 1,4-Dichlorobenzene	8.03	146	185070	43.139	ng	96
14) 1,2-Dichlorobenzene	8.35	146	174303	42.468	ng	93
15) Benzyl Alcohol	8.23	79	175570	41.458	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.52	45	152116	38.507	ng	95
17) 2-Methylphenol	8.44	107	161501	41.413	ng	93
18) Hexachloroethane	9.08	117	71239	44.171	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	145853	40.831	ng	95
20) 3+4-Methylphenols	8.77	107	226871	41.562	ng	98
22) Acetophenone	8.81	105	269653	42.313	ng	# 98
24) Nitrobenzene	9.19	77	221509	41.841	ng	95
25) Isophorone	9.72	82	438225	41.433	ng	99
26) 2-Nitrophenol	9.91	139	100345	44.003	ng	98
27) 2,4-Dimethylphenol	9.97	122	165304	45.685	ng	96
28) bis(2-Chloroethoxy)methane	10.20	93	234768	42.246	ng	99
29) 2,4-Dichlorophenol	10.45	162	194606	46.578	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	202919	42.897	ng	98
31) Naphthalene	10.85	128	555210	43.067	ng	98
32) Benzoic acid	10.11	122	89984	33.070	ng	96
33) 4-Chloroaniline	10.95	127	125021	20.794	ng	98
34) Hexachlorobutadiene	11.15	225	139513	43.016	ng	97
35) Caprolactam	11.72	113	36750	22.101	ng	88
36) 4-Chloro-3-methylphenol	12.09	107	234355	47.748	ng	99
37) 2-Methylnaphthalene	12.46	142	441599	44.132	ng	95
38) 1-Methylnaphthalene	12.68	142	425721	45.067	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	244950	41.646	ng	98

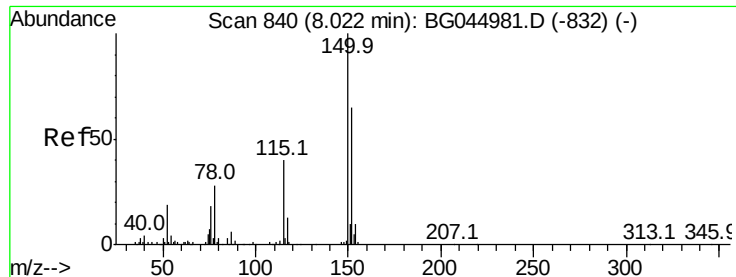
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042720\
 Data File : BG045177.D
 Acq On : 27 Apr 2020 13:56
 Operator : CG/JU
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 QLast Update : Mon Apr 27 12:48:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	352240	95.816	ng	97
43) 2,4,6-Trichlorophenol	13.07	196	185563	44.702	ng	94
44) 2,4,5-Trichlorophenol	13.14	196	199845	42.294	ng	99
46) 1,1'-Biphenyl	13.47	154	577017	41.557	ng	100
47) 2-Chloronaphthalene	13.51	162	453903	42.783	ng	99
48) 2-Nitroaniline	13.71	65	151835	43.497	ng	97
49) Acenaphthylene	14.35	152	764975	44.266	ng	99
50) Dimethylphthalate	14.09	163	662048	44.509	ng	100
51) 2,6-Dinitrotoluene	14.20	165	149039	44.797	ng	97
52) Acenaphthene	14.70	154	469611	40.164	ng	99
53) 3-Nitroaniline	14.53	138	96440	26.430	ng	100
54) 2,4-Dinitrophenol	14.74	184	186378	94.209	ng	94
55) Dibenzofuran	15.04	168	756165	44.358	ng	97
56) 4-Nitrophenol	14.85	139	235769	83.332	ng	97
57) 2,4-Dinitrotoluene	14.99	165	213834	43.980	ng	97
58) Fluorene	15.68	166	635030	45.607	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	205651	48.914	ng	98
60) Diethylphthalate	15.45	149	690718	44.539	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	351410	43.847	ng	97
62) 4-Nitroaniline	15.70	138	148664	39.280	ng	96
63) Azobenzene	15.97	77	646204	45.195	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	141188	46.517	ng	97
66) n-Nitrosodiphenylamine	15.89	169	574972	43.337	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	246529	41.384	ng	94
68) Hexachlorobenzene	16.69	284	268592	43.474	ng	98
69) Atrazine	16.84	200	244467	51.175	ng	98
70) Pentachlorophenol	17.04	266	319984	84.425	ng	99
71) Phenanthrene	17.43	178	1053232	44.386	ng	99
72) Anthracene	17.52	178	1076497	45.226	ng	100
73) Carbazole	17.79	167	990107	40.990	ng	98
74) Di-n-butylphthalate	18.35	149	1214900	46.393	ng	99
75) Fluoranthene	19.44	202	1308327	47.213	ng	99
77) Benzidine	19.61	184	626831	52.899	ng	98
78) Pyrene	19.79	202	1293711	44.962	ng	99
80) Butylbenzylphthalate	20.68	149	523993	43.934	ng	98
81) Benzo(a)anthracene	21.63	228	1197073	44.252	ng	98
82) 3,3'-Dichlorobenzidine	21.55	252	314555	29.215	ng	98
83) Chrysene	21.69	228	1165847	44.856	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	729648	44.481	ng	99
85) Di-n-octyl phthalate	22.75	149	1241109	43.754	ng	100
86) Indeno(1,2,3-cd)pyrene	28.44	276	1522957	44.133	ng	# 96
88) Benzo(b)fluoranthene	23.82	252	1318892	45.983	ng	100
89) Benzo(k)fluoranthene	23.89	252	1225589	44.932	ng	97
90) Benzo(a)pyrene	24.68	252	1191348	43.993	ng	98
91) Dibenzo(a,h)anthracene	28.49	278	1228625	45.026	ng	95
92) Benzo(g,h,i)perylene	29.56	276	1240649	45.350	ng	97

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

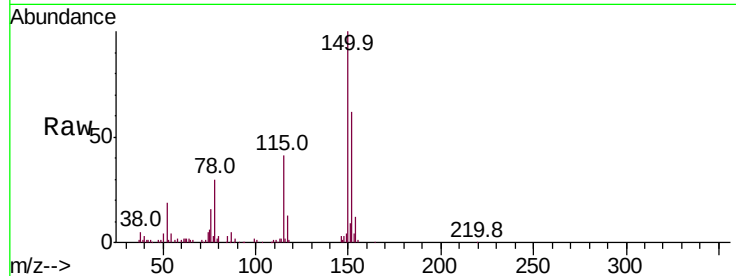


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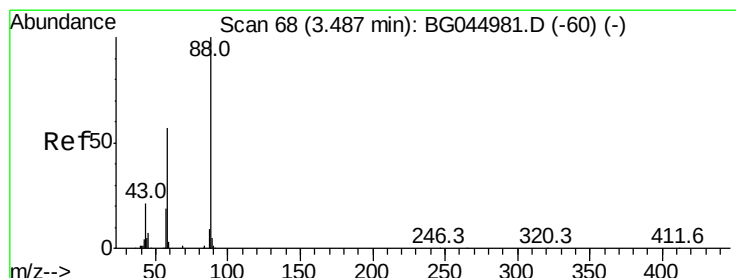
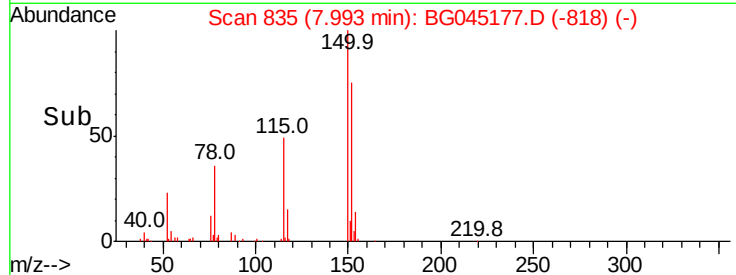
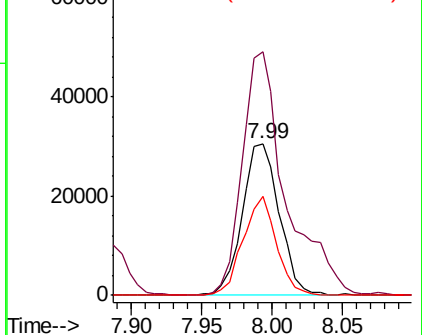
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion:152 Resp: 56127
Ion Ratio Lower Upper
152 100
150 160.5 123.6 185.4
115 65.3 49.1 73.7



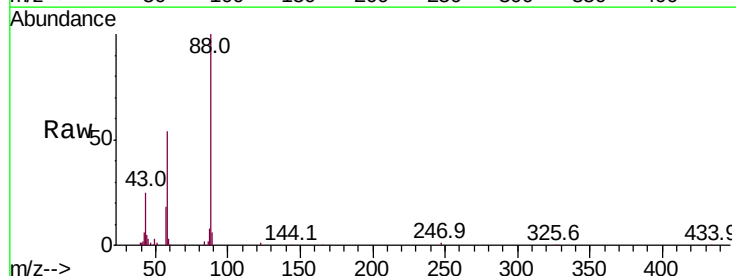
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



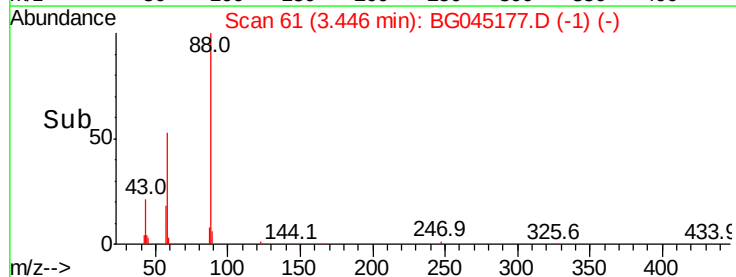
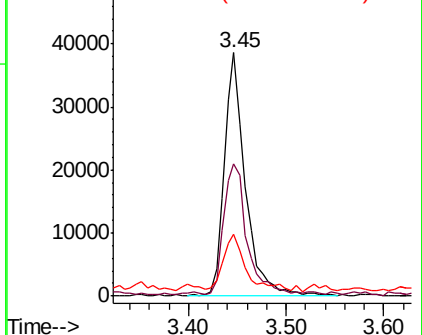
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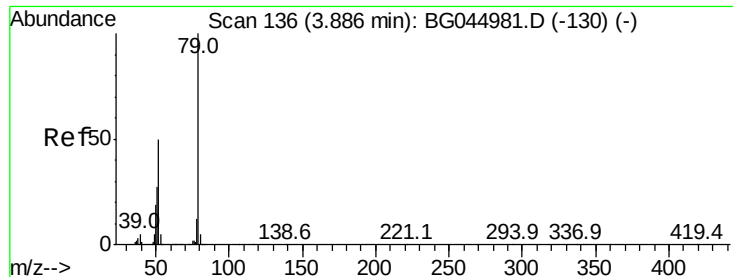
1,4-Dioxane
Concen: 38.071 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion: 88 Resp: 57520
Ion Ratio Lower Upper
88 100
58 57.5 46.6 69.8
43 23.7 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: 32.647 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

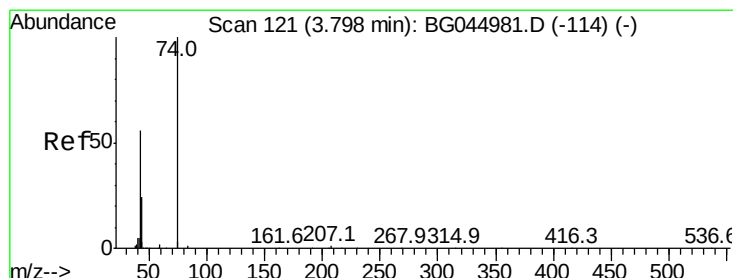
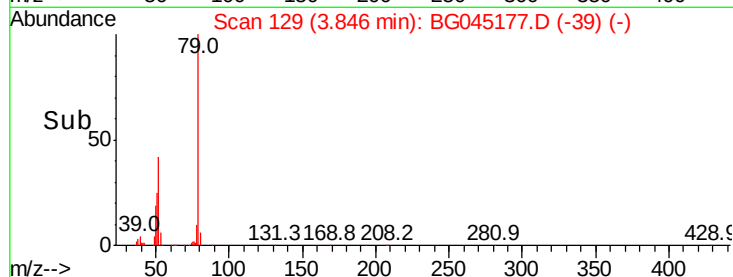
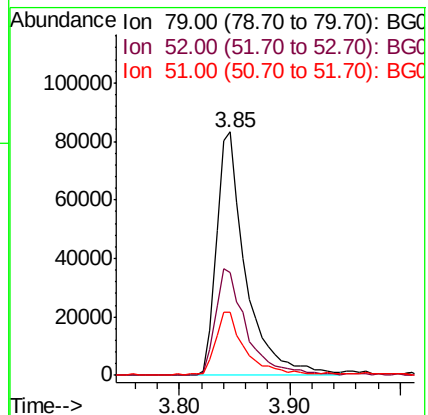
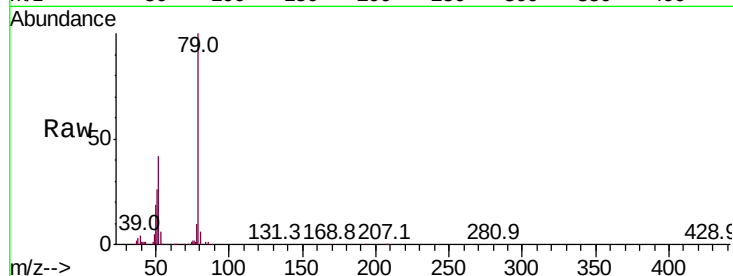
Tot Ion: 79 Resp: 151872

Ion Ratio Lower Upper

79 100

52 42.3 39.8 59.6

51 25.8 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 43.091 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

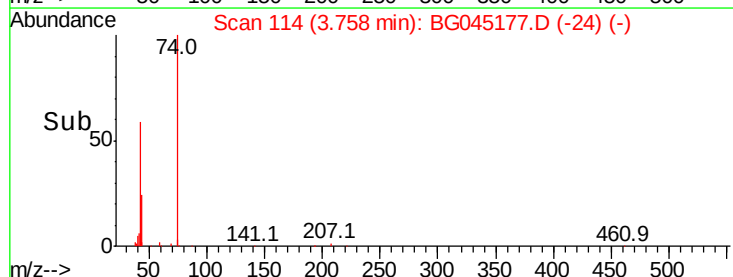
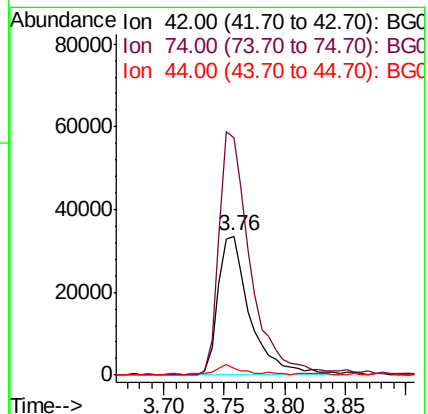
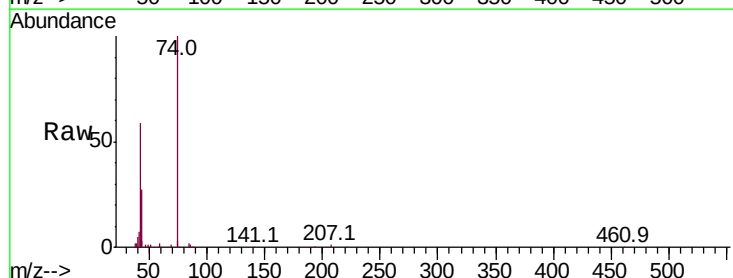
Tgt Ion: 42 Resp: 61408

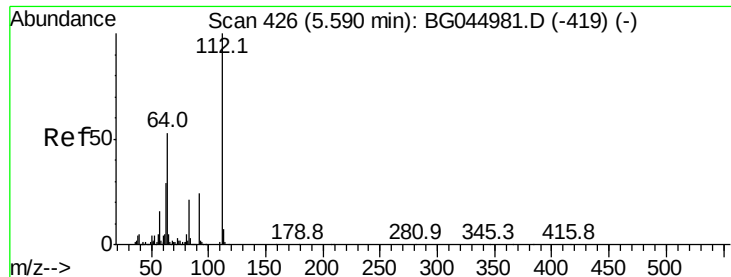
Ion Ratio Lower Upper

42 100

74 170.7 143.0 214.6

44 5.0 4.6 6.8





#5

2-Fluorophenol

Concen: 131.786 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

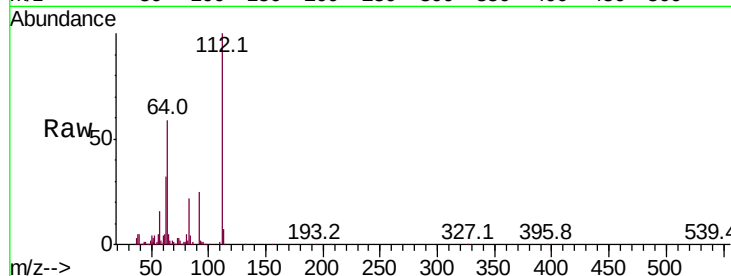
Tot Ion:112 Resp: 448031

Ion Ratio Lower Upper

112 100

64 58.6 42.4 63.6

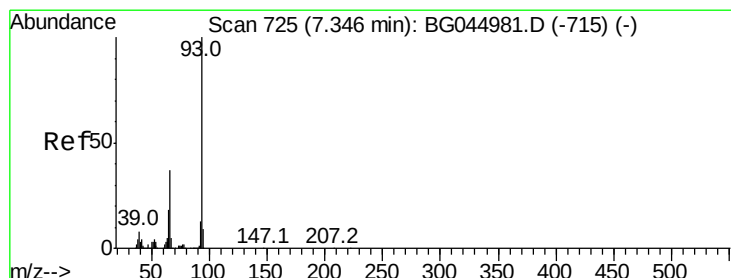
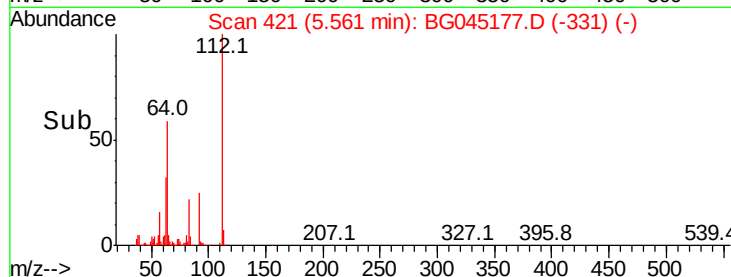
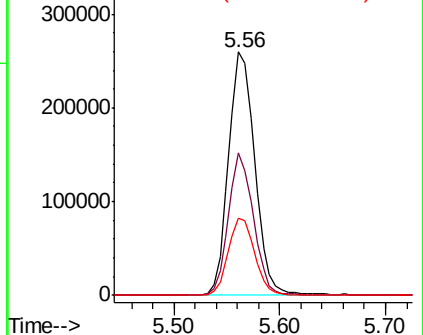
63 31.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.866 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

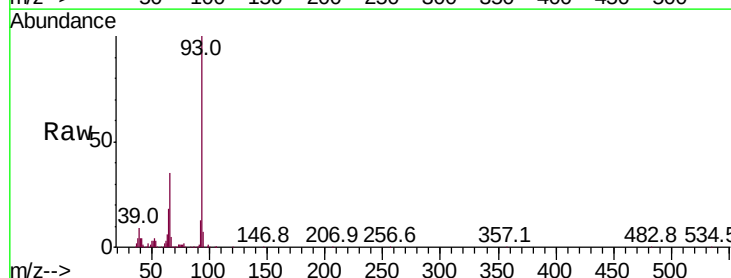
Tgt Ion: 93 Resp: 209278

Ion Ratio Lower Upper

93 100

66 34.5 29.8 44.8

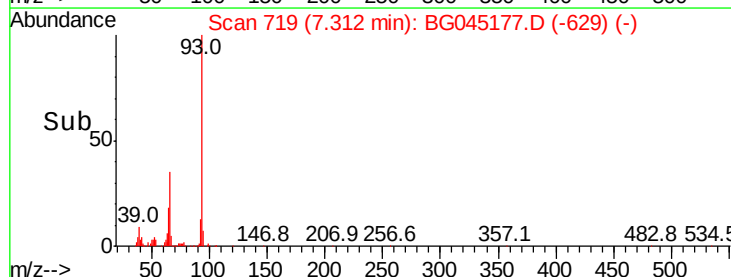
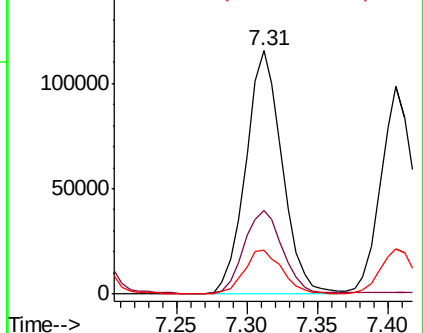
65 17.8 14.6 22.0

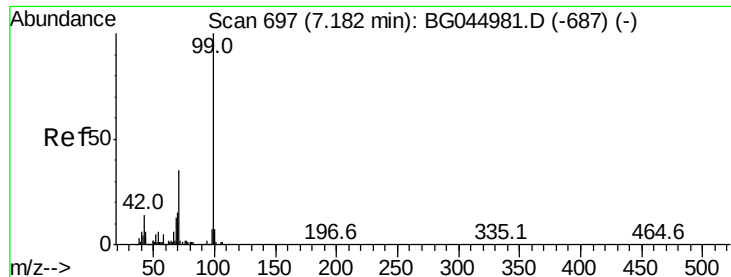


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.202 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

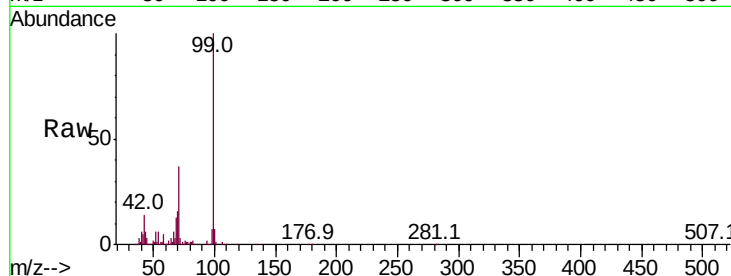
Tot Ion: 99 Resp: 647558

Ion Ratio Lower Upper

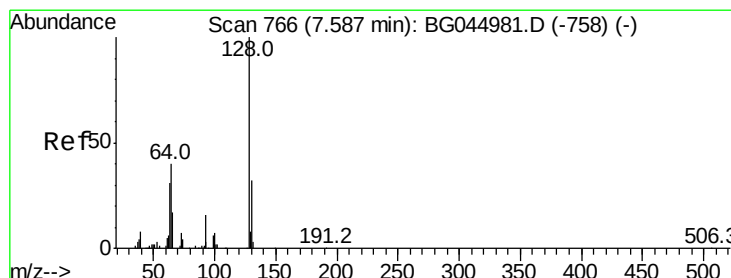
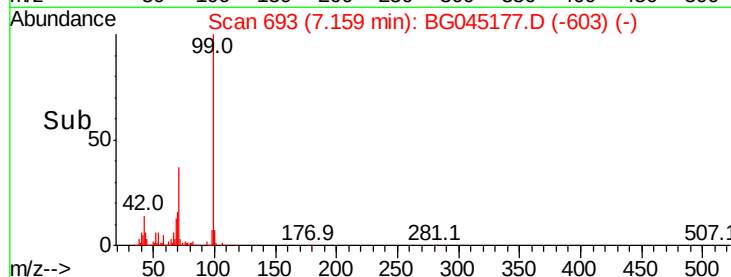
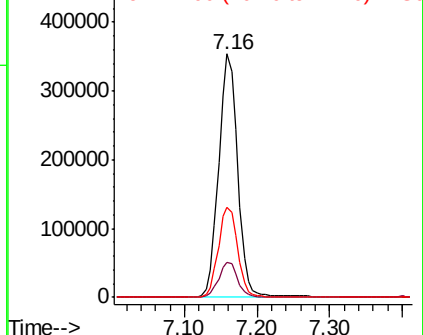
99 100

42 14.2 11.3 16.9

71 36.7 28.3 42.5



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



#8

2-Chlorophenol

Concen: 47.056 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

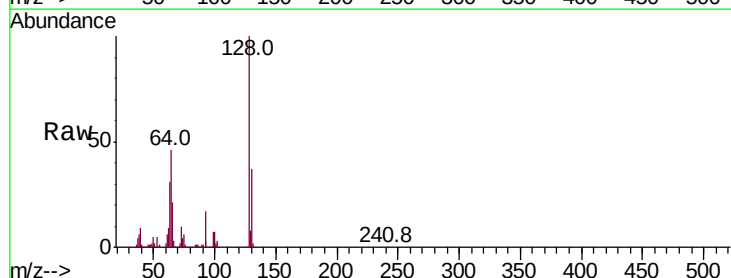
Tgt Ion: 128 Resp: 171931

Ion Ratio Lower Upper

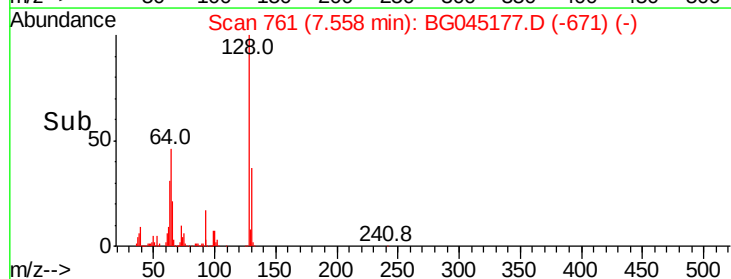
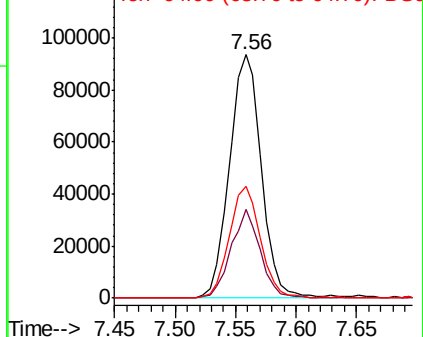
128 100

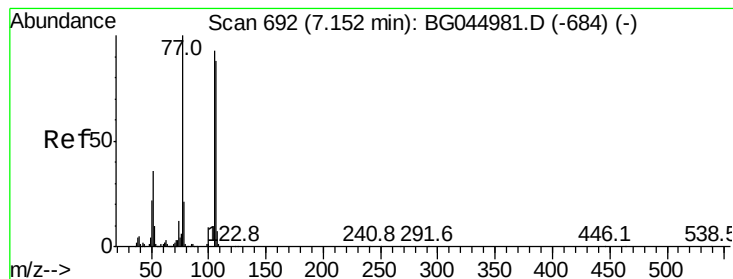
130 36.5 12.3 52.3

64 45.8 24.4 64.4



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





#9

Benzaldehyde

Concen: 24.714 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleID :

PB128472BS

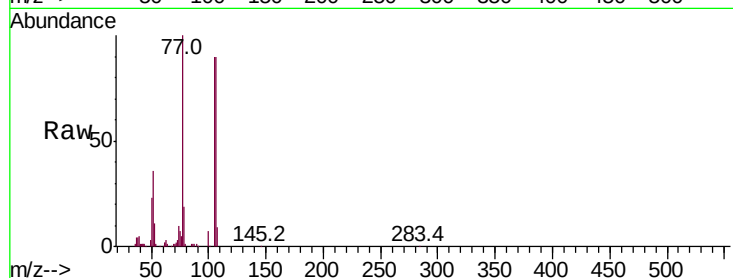
Tot Ion: 77 Resp: 80469

Ion Ratio Lower Upper

77 100

105 90.1 72.9 112.9

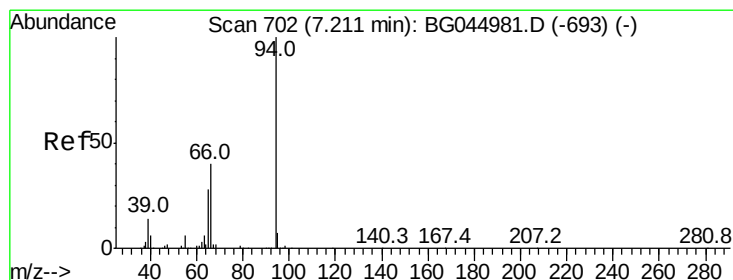
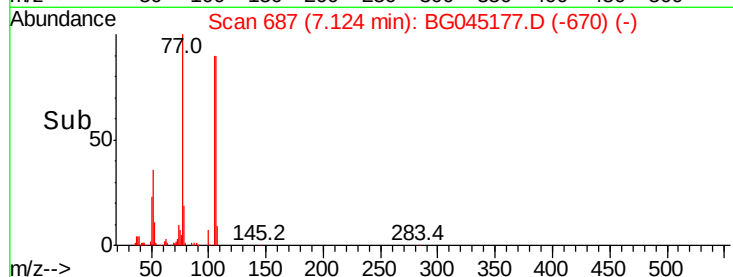
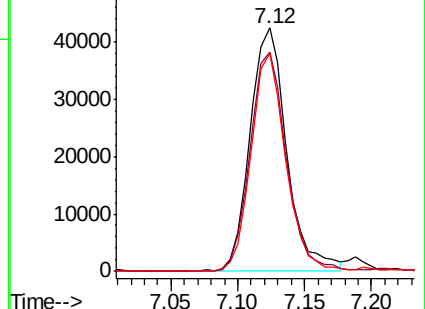
106 89.6 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.067 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

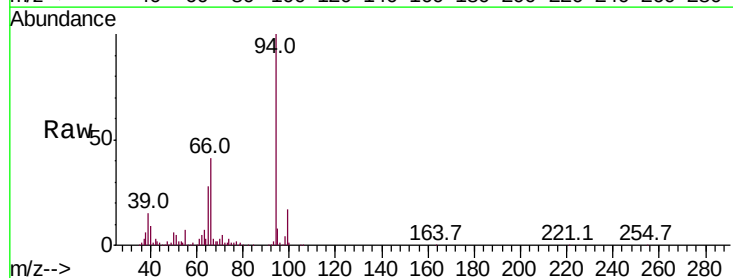
Tgt Ion: 94 Resp: 232849

Ion Ratio Lower Upper

94 100

65 27.7 8.2 48.2

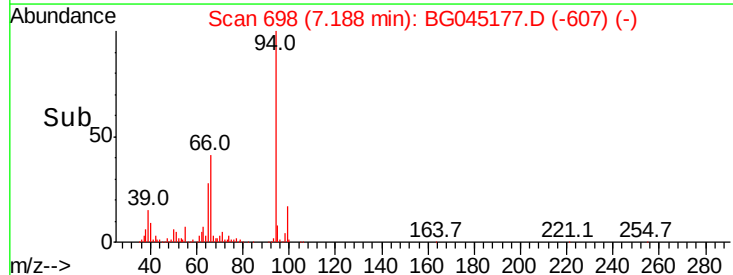
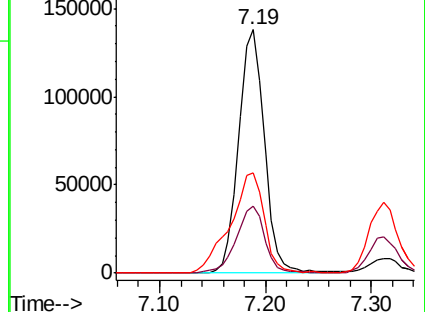
66 41.3 20.4 60.4

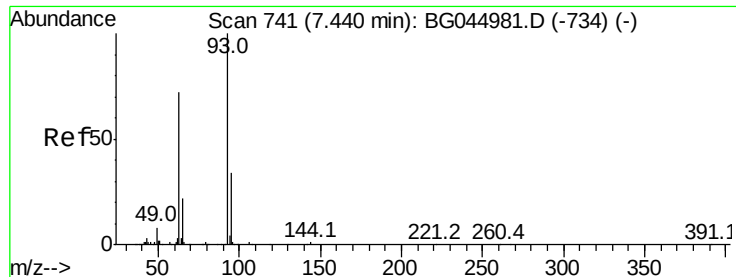


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.447 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

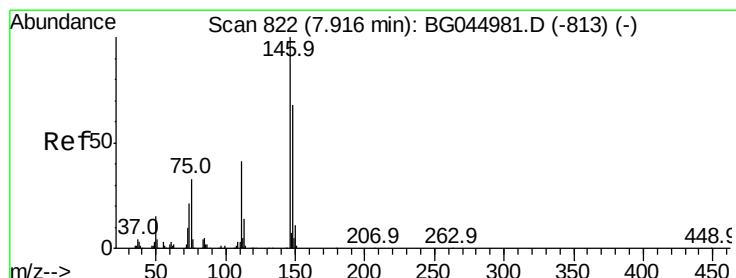
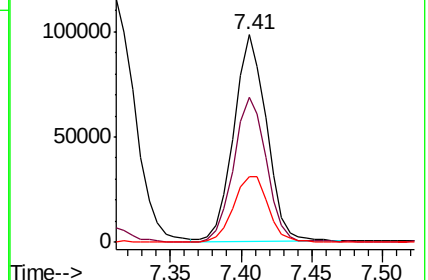
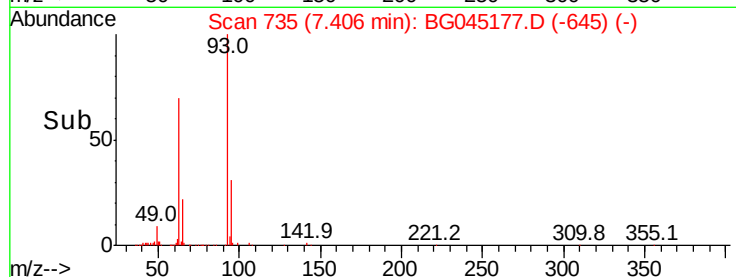
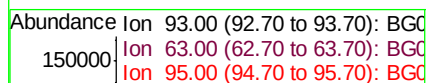
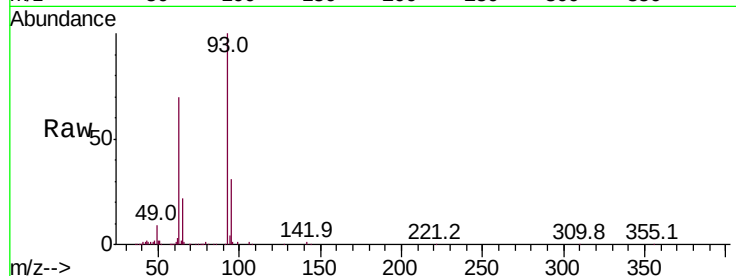
Tot Ion: 93 Resp: 158746

Ion Ratio Lower Upper

93 100

63 69.8 51.8 91.8

95 31.4 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 43.338 ng

RT: 7.88 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

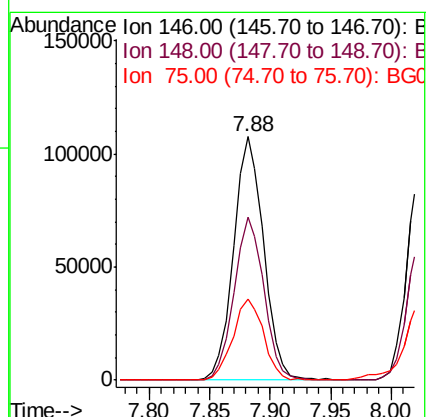
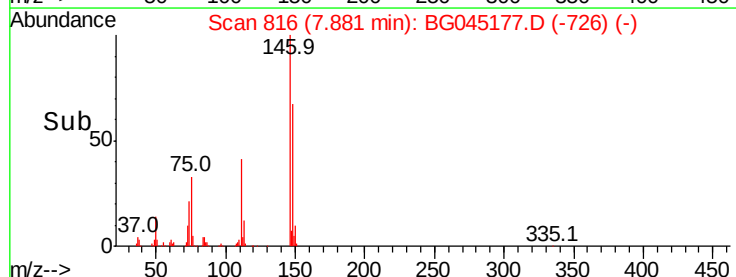
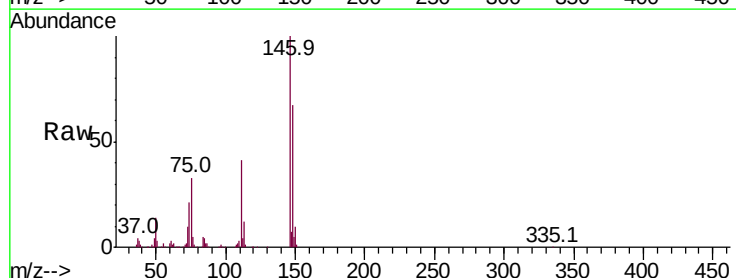
Tgt Ion: 146 Resp: 186591

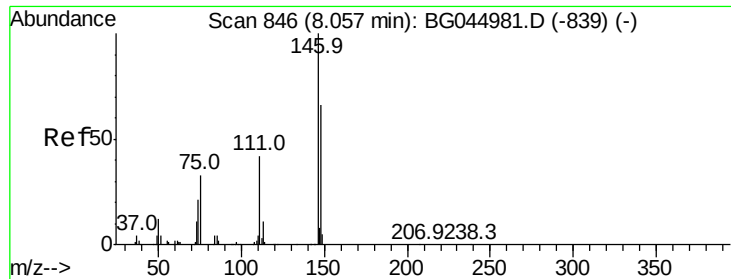
Ion Ratio Lower Upper

146 100

148 66.8 54.6 81.8

75 33.3 26.0 39.0

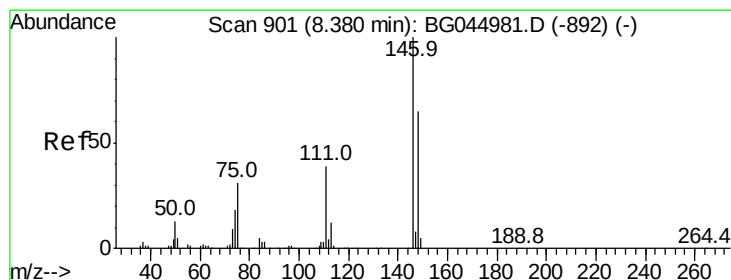
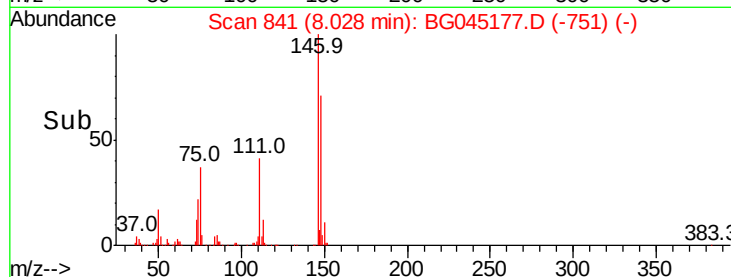
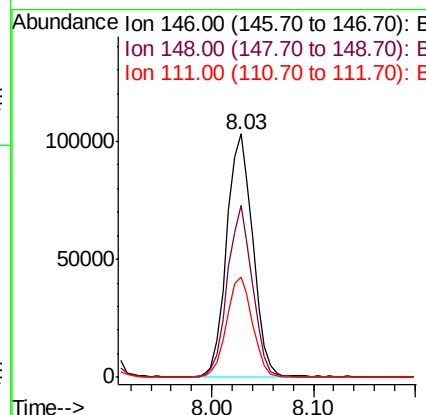
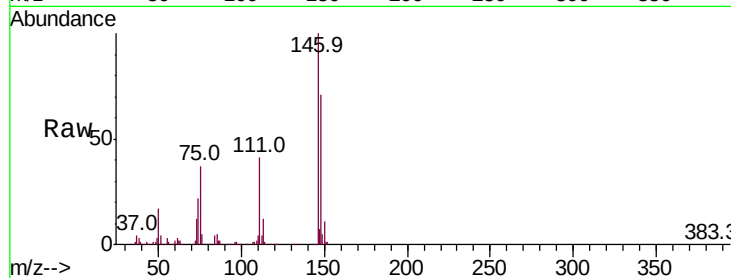




#13
 1,4-Dichlorobenzene
 Concen: 43.139 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

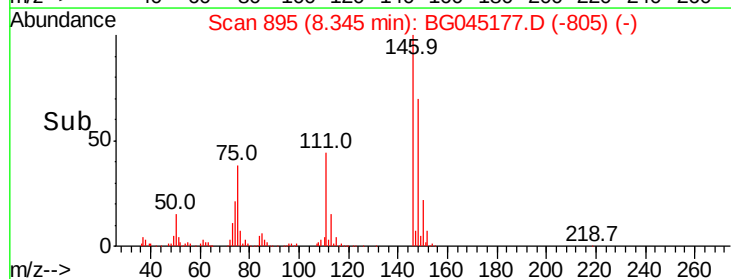
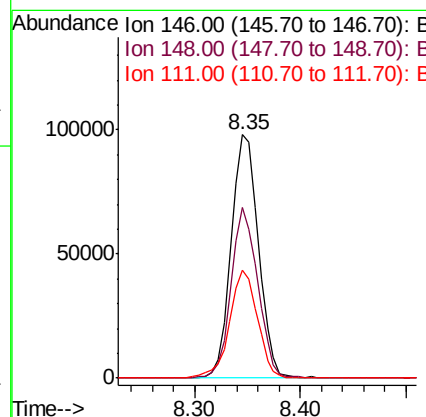
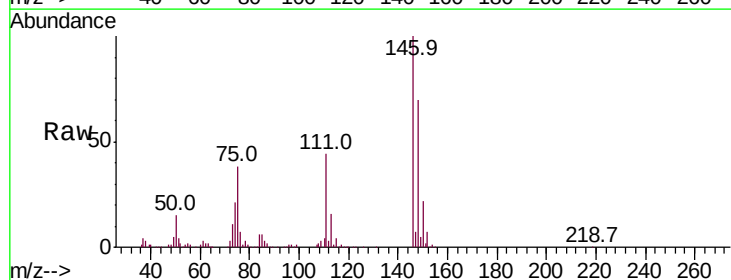
Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

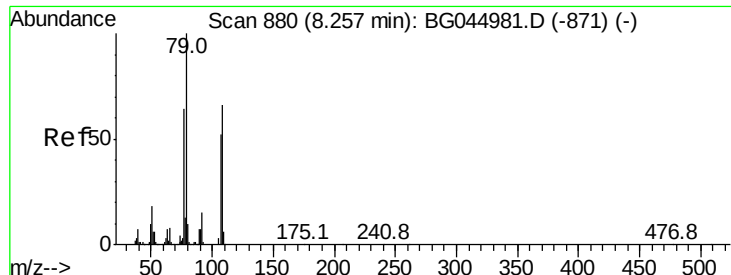
Tot Ion	Ratio	Lower	Upper
146	100		
148	70.5	53.3	79.9
111	41.3	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 42.468 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.0	51.9	77.9
111	44.3	31.3	46.9

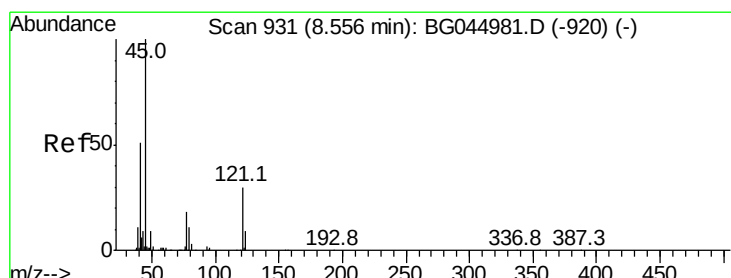
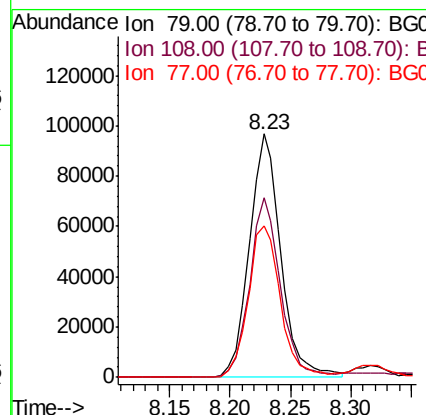
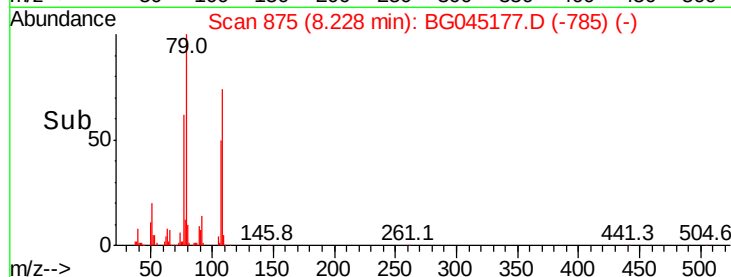
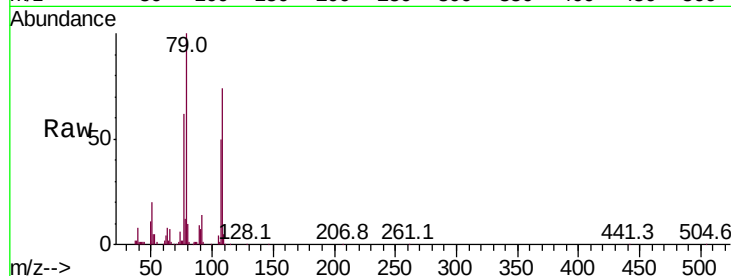




#15
Benzyl Alcohol
Concen: 41.458 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

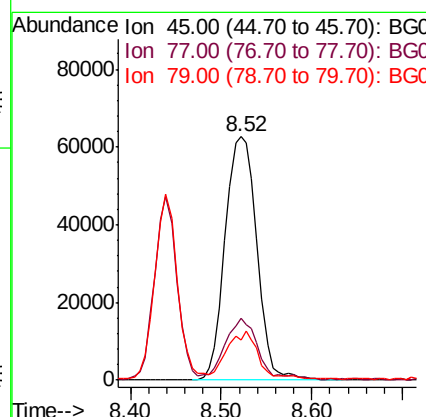
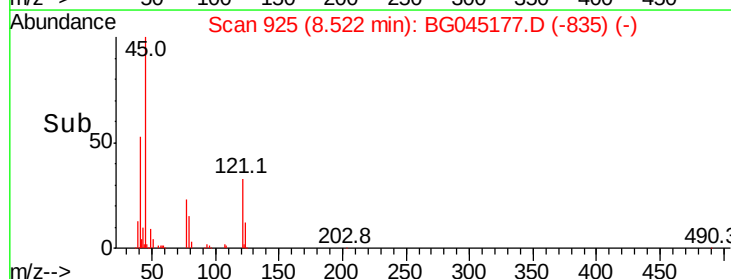
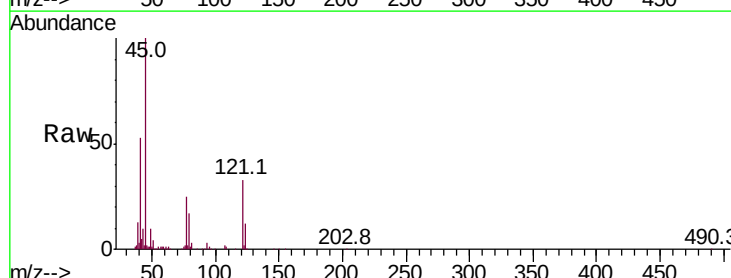
Instrument :
BNA_G
ClientSampleId :
PB128472BS

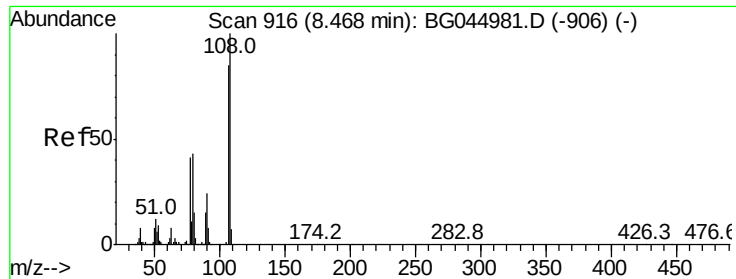
Tot Ion: 79 Resp: 175570
Ion Ratio Lower Upper
79 100
108 73.7 52.7 79.1
77 62.4 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.507 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion: 45 Resp: 152116
Ion Ratio Lower Upper
45 100
77 25.3 1.9 41.9
79 16.7 0.0 35.5





#17

2-Methylphenol

Concen: 41.413 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

Tot Ion:107 Resp: 161501

Ion Ratio Lower Upper

107 100

108 105.8 93.8 140.6

77 50.7 38.5 57.7

79 51.6 40.1 60.1

Abundance

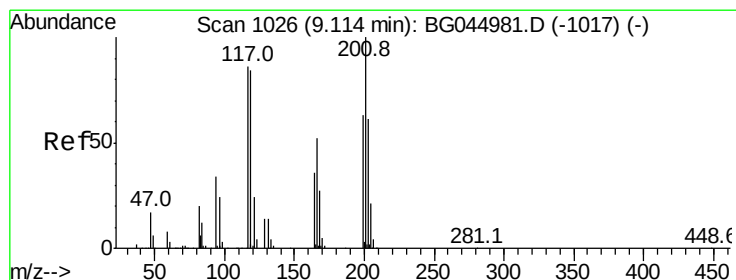
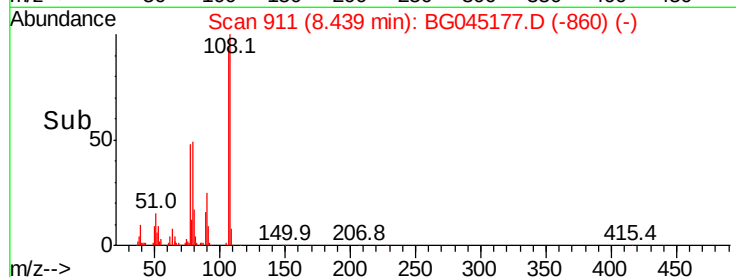
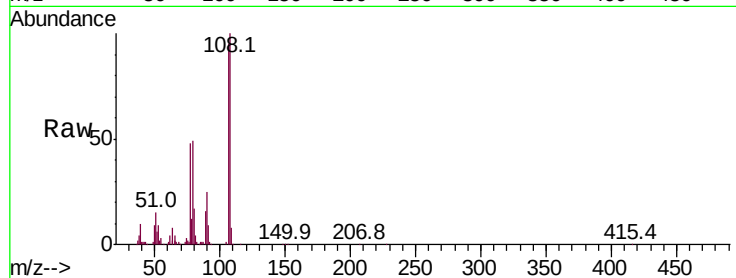
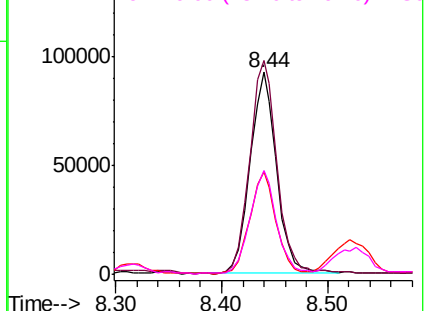
Ion 107.00 (106.70 to 107.70): E

150000

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 44.171 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:117 Resp: 71239

Ion Ratio Lower Upper

117 100

119 88.9 78.3 117.5

201 110.8 92.9 139.3

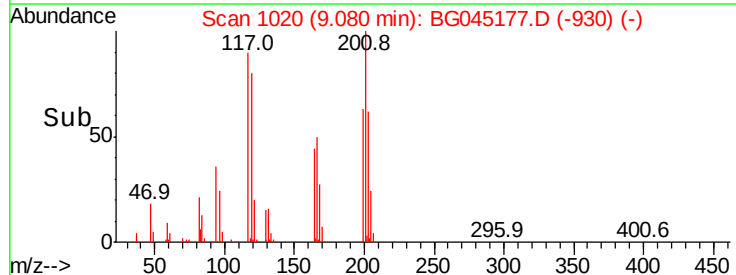
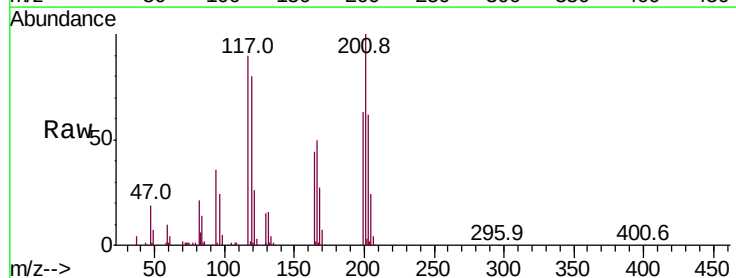
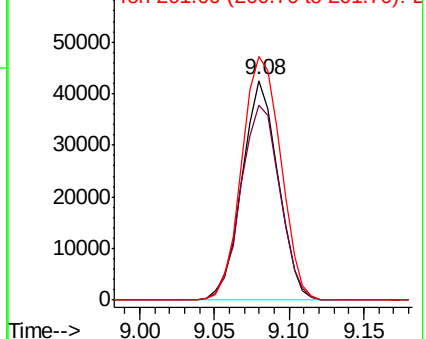
Abundance

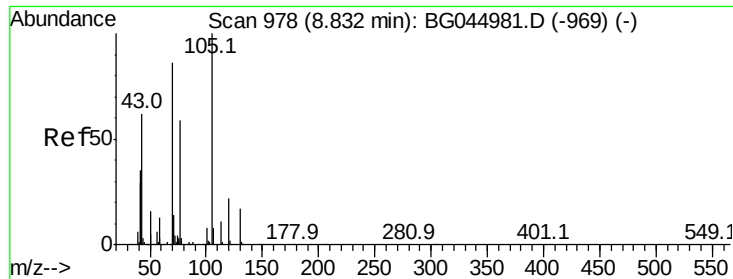
Ion 117.00 (116.70 to 117.70): E

60000

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

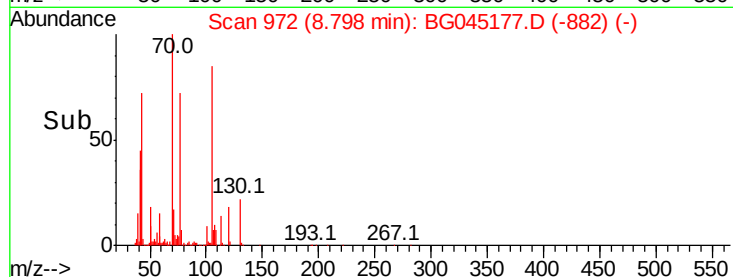
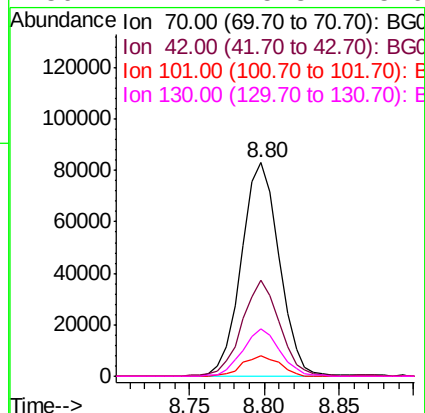
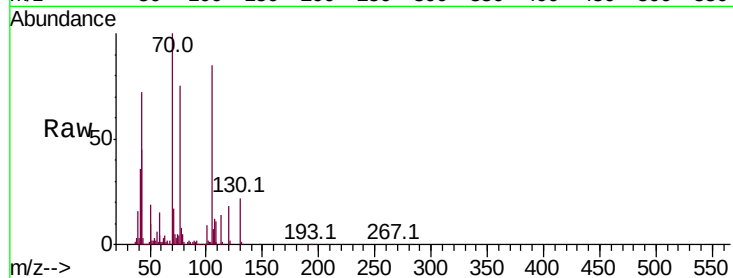




#19
n-Nitroso-di-n-propylamine
Concen: 40.831 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

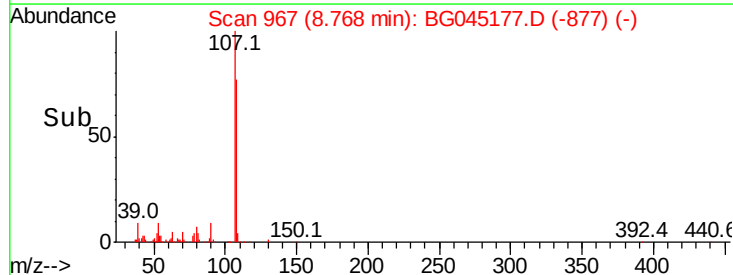
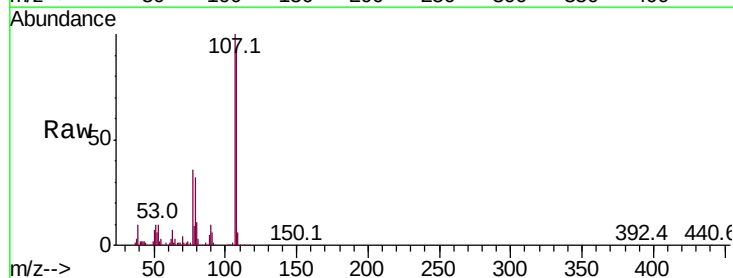
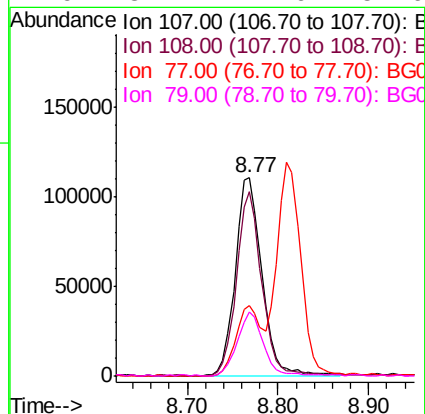
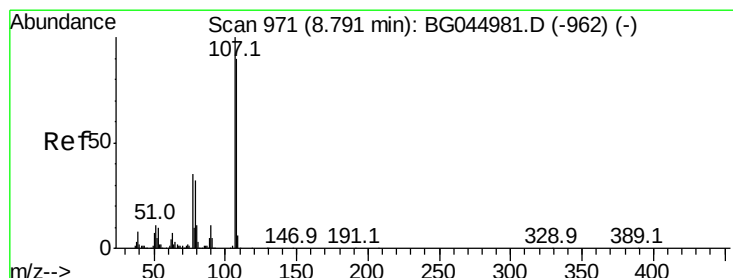
Instrument :
BNA_G
ClientSampleId :
PB128472BS

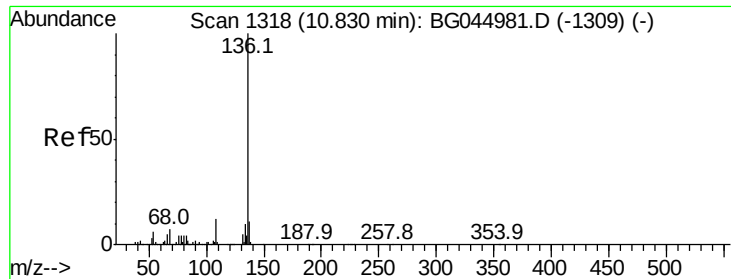
Tot Ion:	70	Resp:	145853
Ion	Ratio	Lower	Upper
70	100		
42	45.1	33.3	49.9
101	9.4	7.8	11.8
130	22.1	15.8	23.6



#20
3+4-Methylphenols
Concen: 41.562 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion:	107	Resp:	226871
Ion	Ratio	Lower	Upper
107	100		
108	92.9	69.9	109.9
77	35.8	15.2	55.2
79	32.4	11.6	51.6

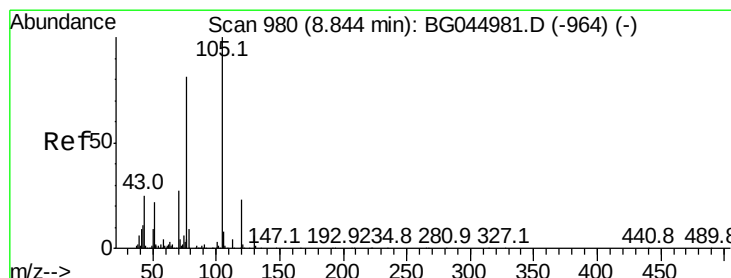
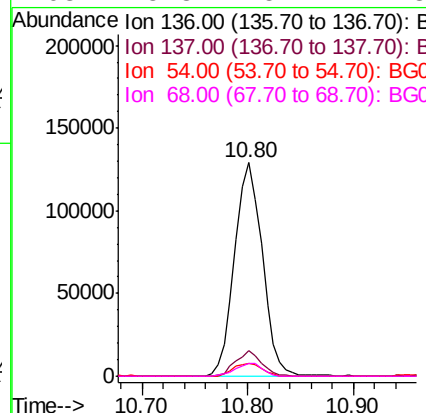
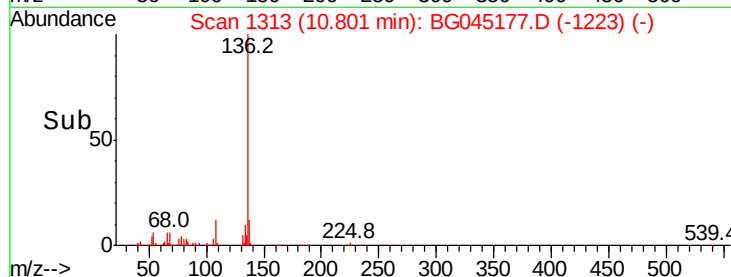
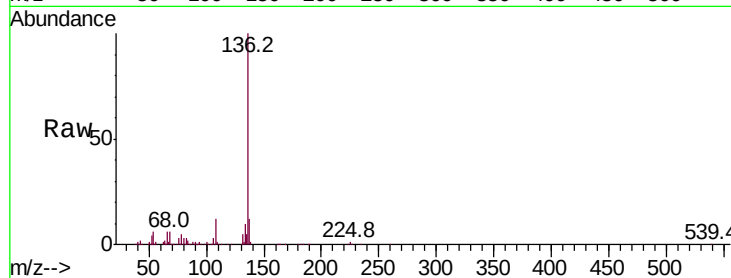




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

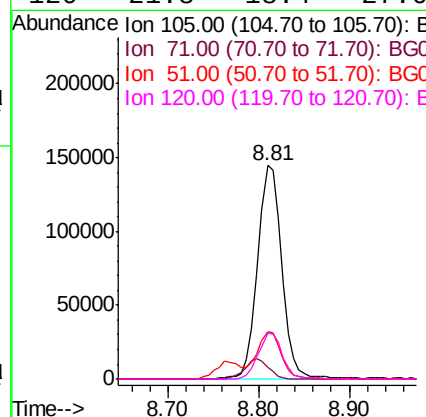
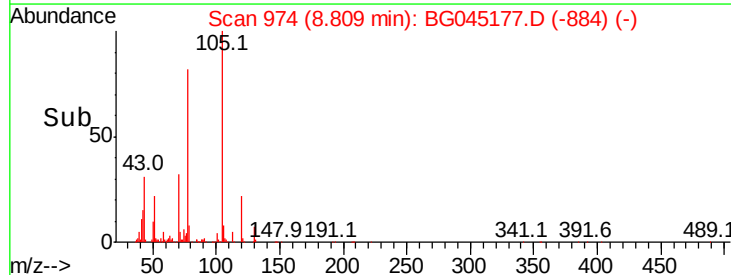
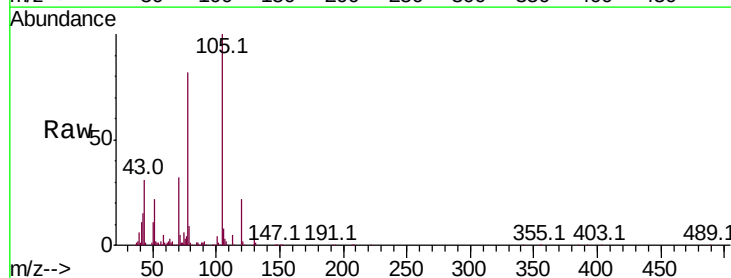
Instrument :
BNA_G
ClientSampleId :
PB128472BS

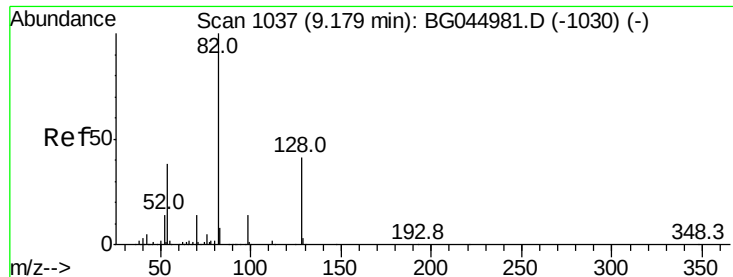
Tot Ion:136	Resp: 235661
Ion Ratio	Lower Upper
136 100	
137 11.7	8.6 13.0
54 5.9	4.8 7.2
68 5.8	5.2 7.8



#22
Acetophenone
Concen: 42.313 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt	Ion:105	Resp:	269653
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.3	4.9#
51	22.4	17.3	25.9
120	21.8	18.4	27.6

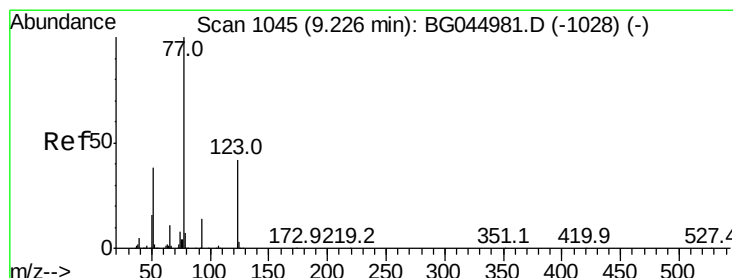
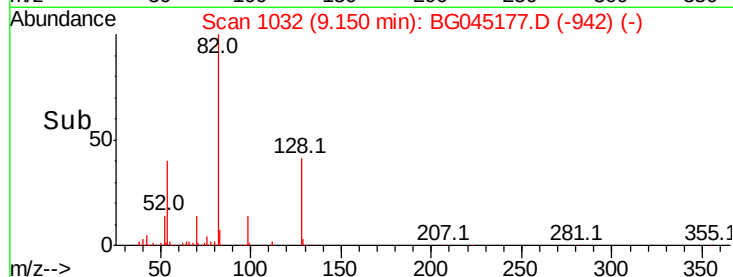
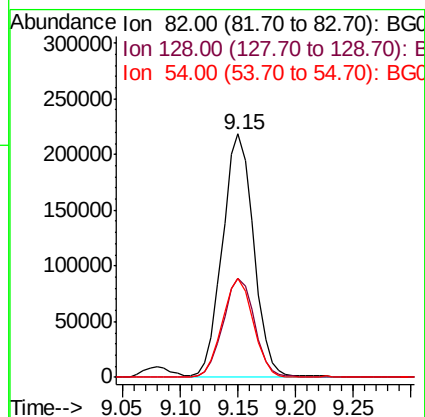
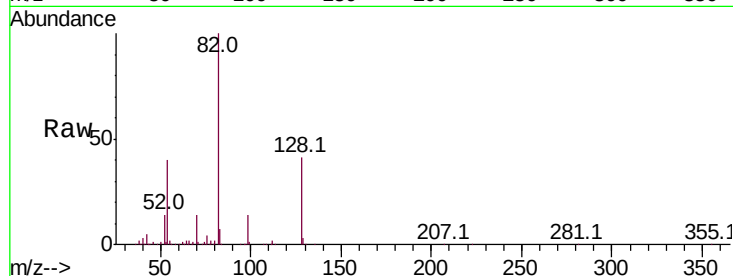




#23
 Nitrobenzene-d5
 Concen: 78.939 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

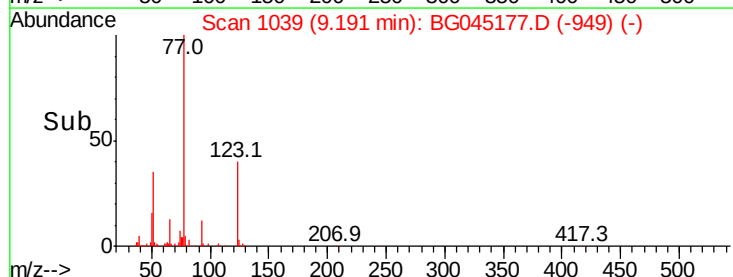
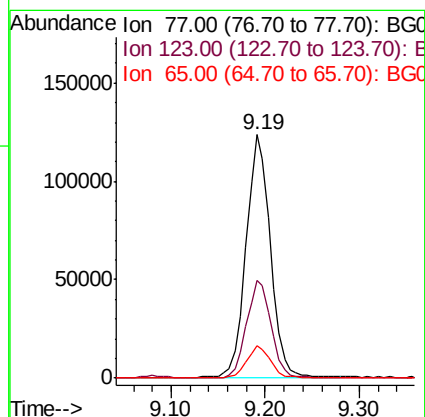
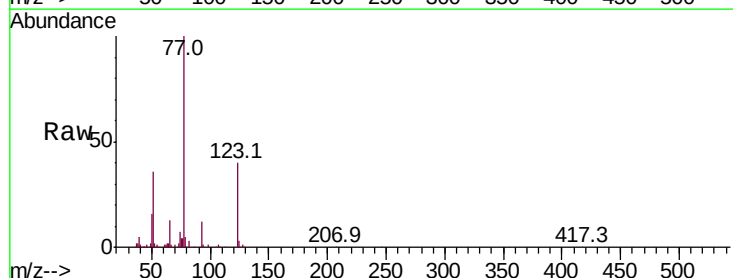
Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

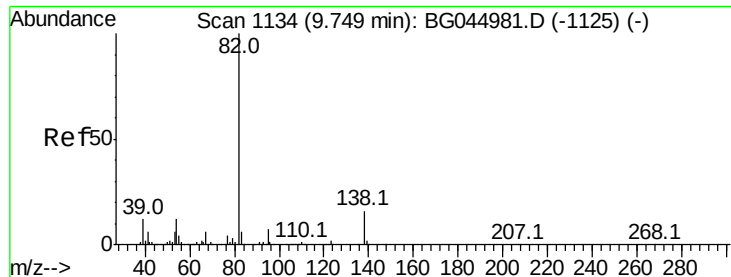
Tot Ion	82	Resp	407698
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.4
54	40.5	30.4	45.6



#24
 Nitrobenzene
 Concen: 41.841 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	77	Resp	221509
Ion	Ratio	Lower	Upper
77	100		
123	40.0	34.3	51.5
65	13.1	8.9	13.3





#25

Isophorone

Concen: 41.433 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

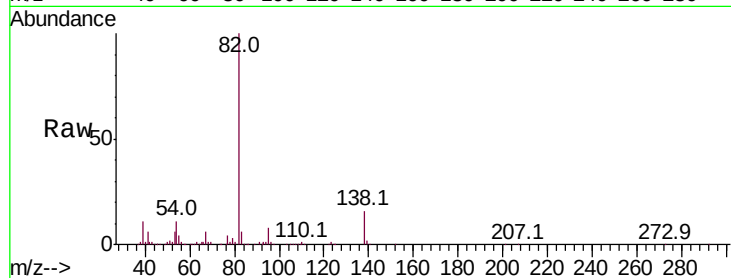
Tot Ion: 82 Resp: 438225

Ion Ratio Lower Upper

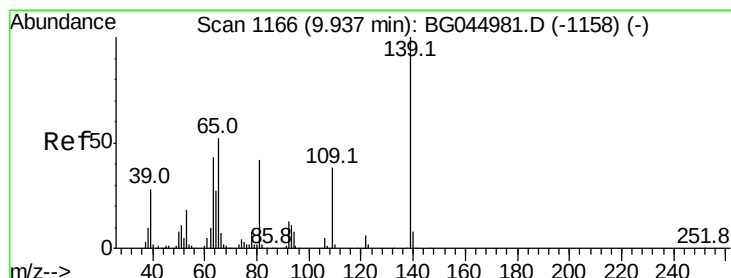
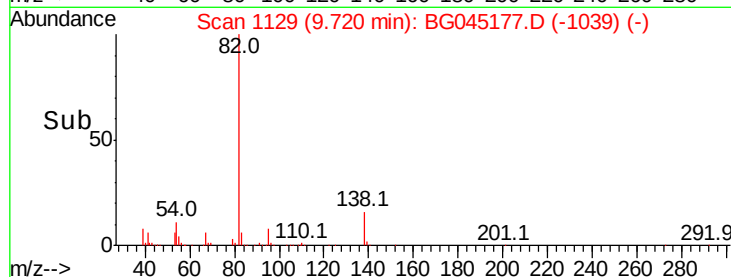
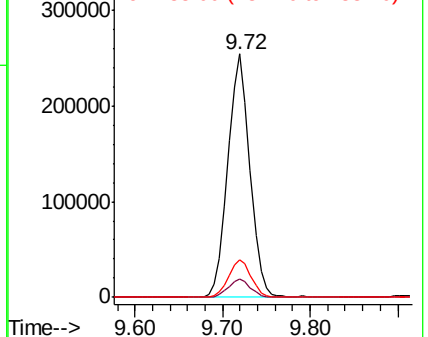
82 100

95 7.7 6.0 9.0

138 15.6 12.7 19.1



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



#26

2-Nitrophenol

Concen: 44.003 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

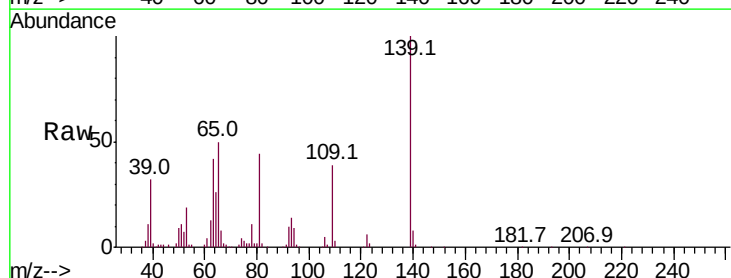
Tgt Ion: 139 Resp: 100345

Ion Ratio Lower Upper

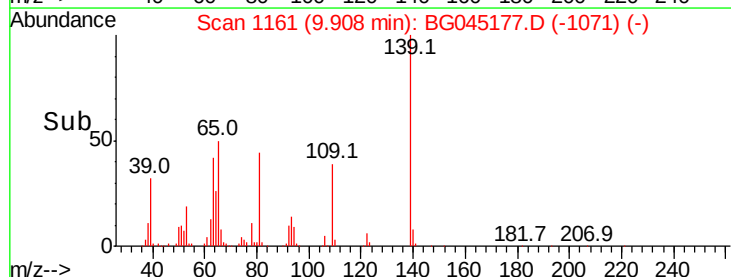
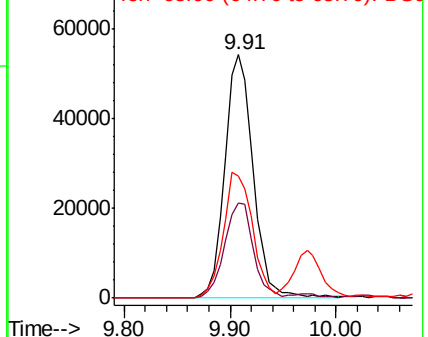
139 100

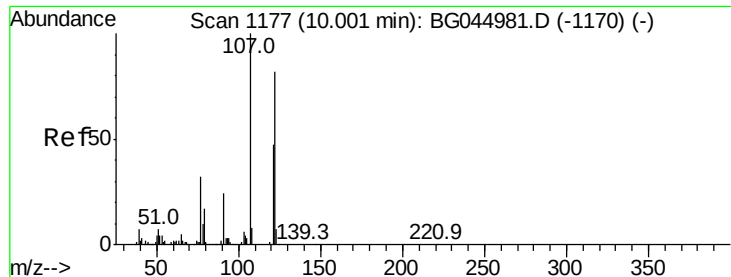
109 39.3 30.6 45.8

65 50.1 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

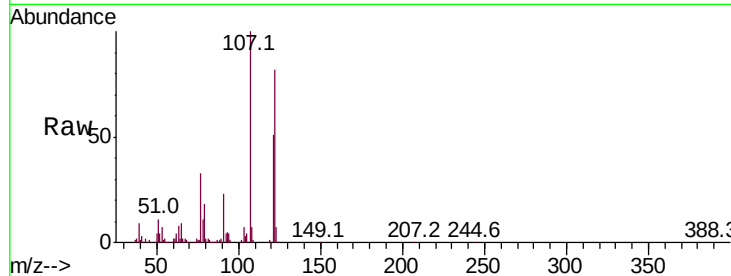




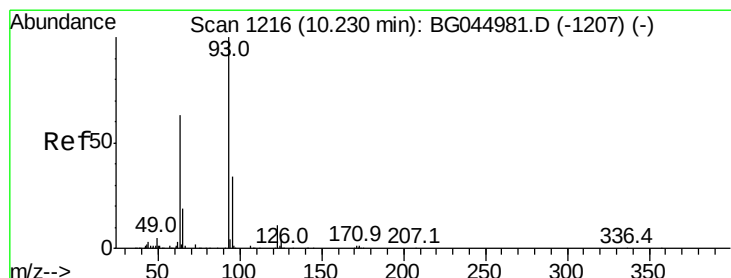
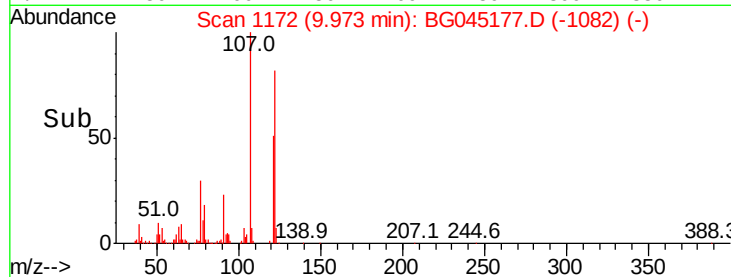
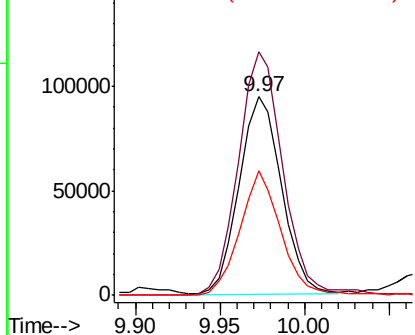
#27
2,4-Dimethylphenol
Concen: 45.685 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion:122 Resp: 165304
Ion Ratio Lower Upper
122 100
107 122.6 96.8 145.2
121 62.8 45.6 68.4

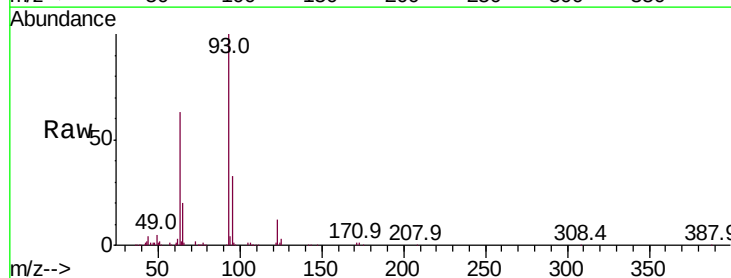


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

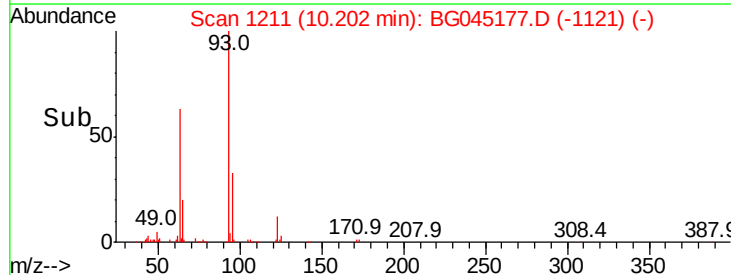
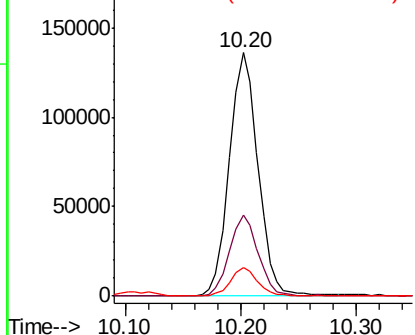


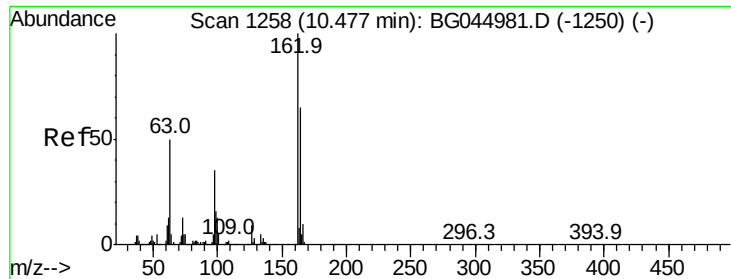
#28
bis(2-Chloroethoxy)methane
Concen: 42.246 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion: 93 Resp: 234768
Ion Ratio Lower Upper
93 100
95 33.3 27.0 40.4
123 11.7 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

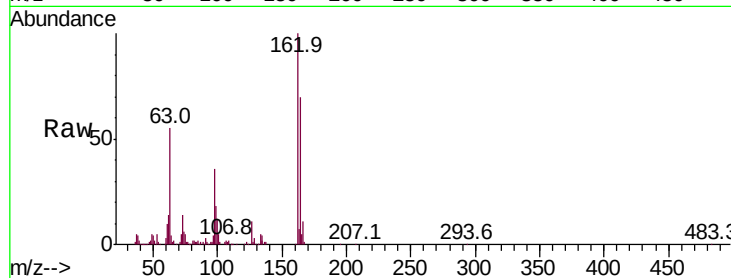




#29
2,4-Dichlorophenol
Concen: 46.578 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.7	45.0	85.0
98	36.0	15.2	55.2

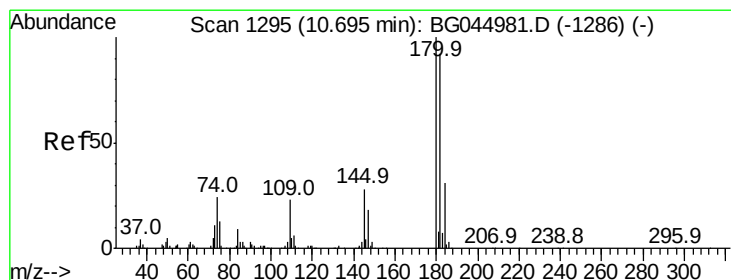
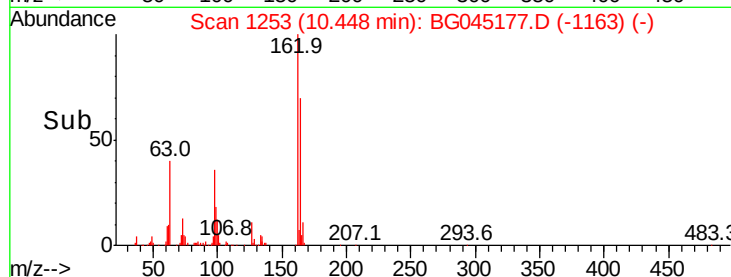
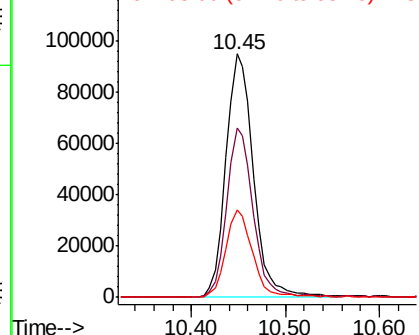


Abundance

Ion 162.00 (161.70 to 162.70): E

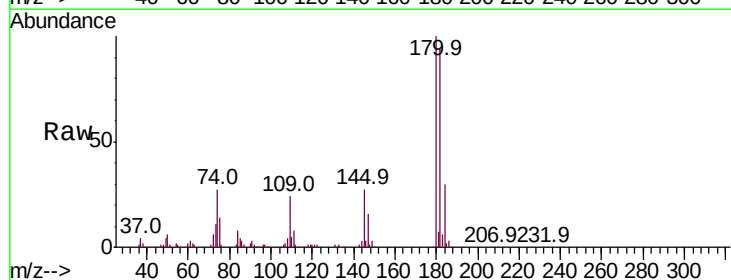
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 42.897 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	73.3	109.9
145	27.3	22.6	33.8

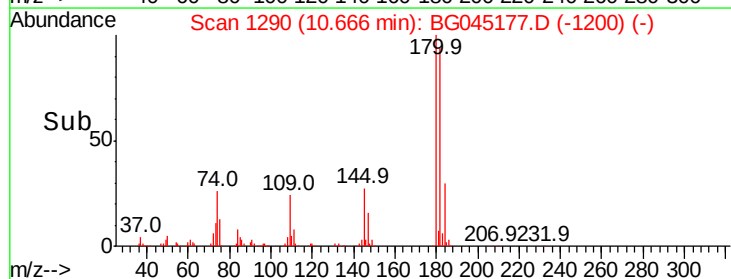
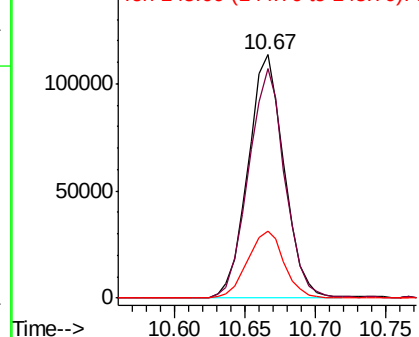


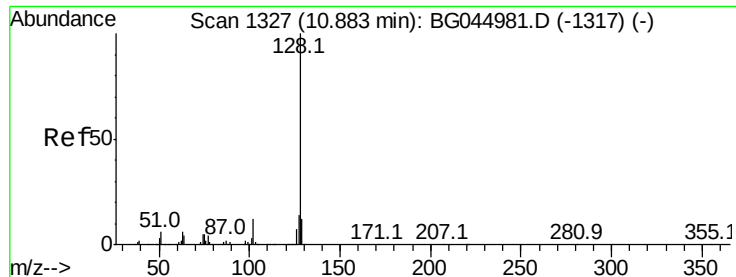
Abundance

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

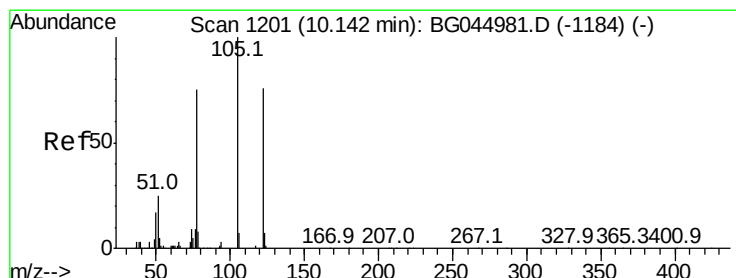
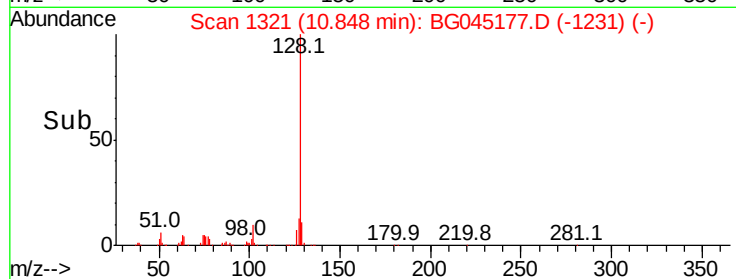
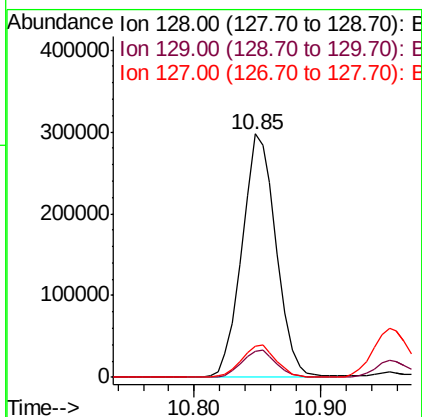
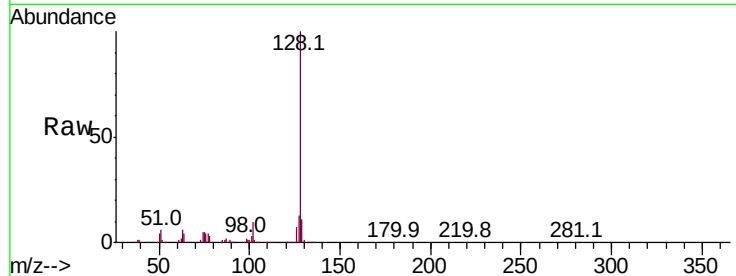




#31
Naphthalene
Concen: 43.067 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

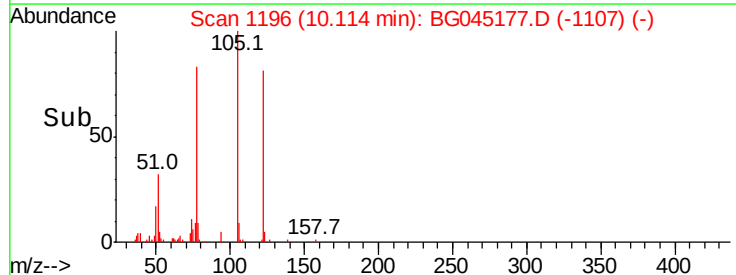
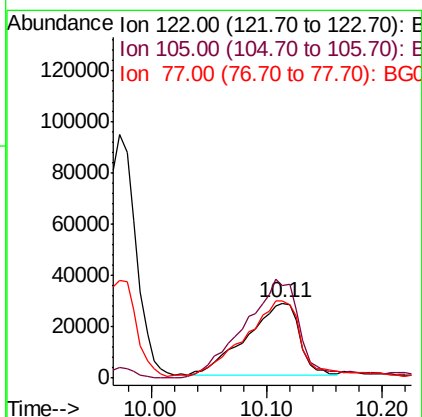
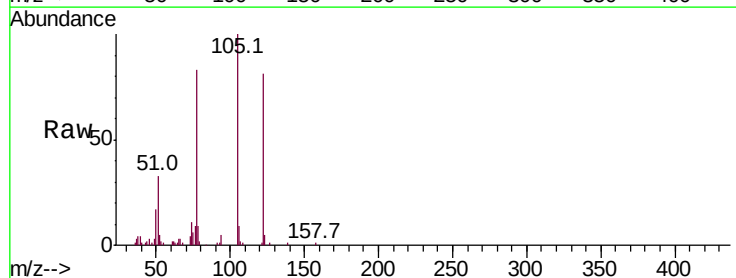
Instrument :
BNA_G
ClientSampleId :
PB128472BS

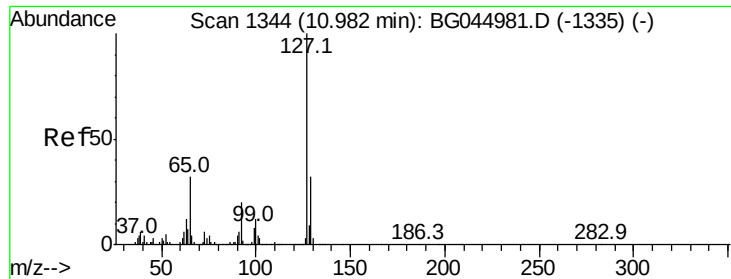
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	12.8	10.8	16.2



#32
Benzoic acid
Concen: 33.070 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	108.4	148.4
77	102.9	78.8	118.8

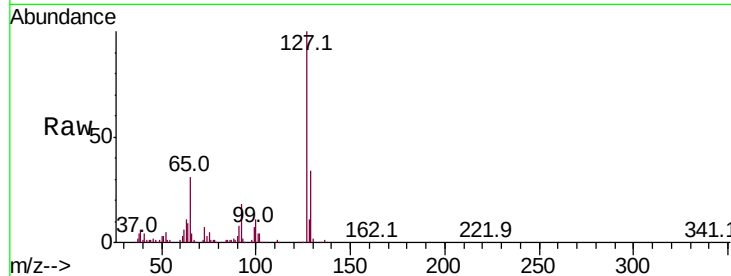




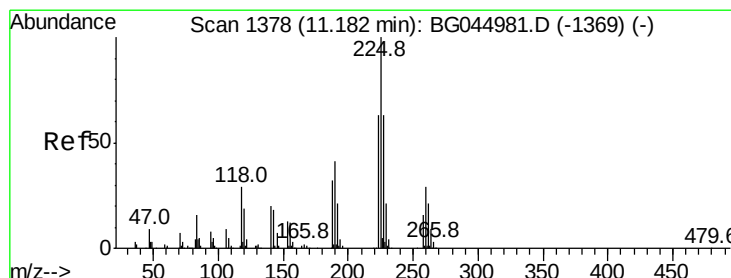
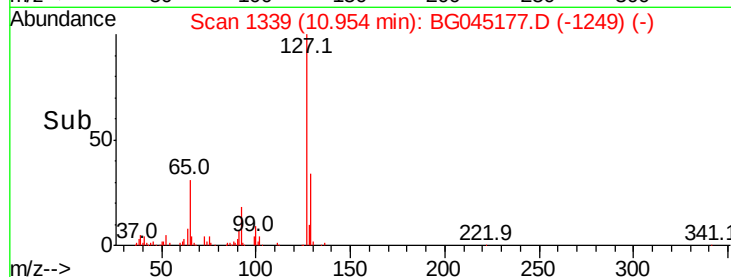
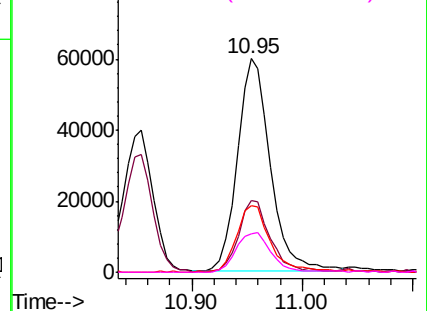
#33
4-Chloroaniline
Concen: 20.794 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion:127	Resp:	125021
Ion Ratio	Lower	Upper
127	100	
129	33.7	25.7 38.5
65	31.5	25.4 38.2
92	17.9	16.1 24.1

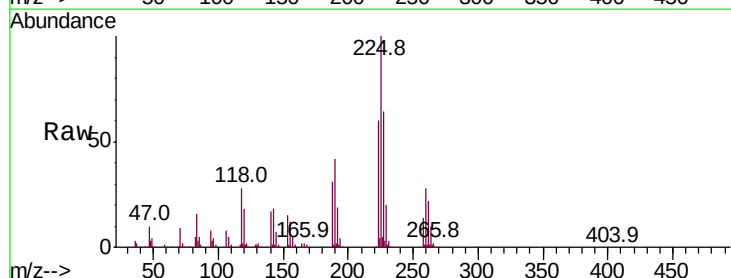


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

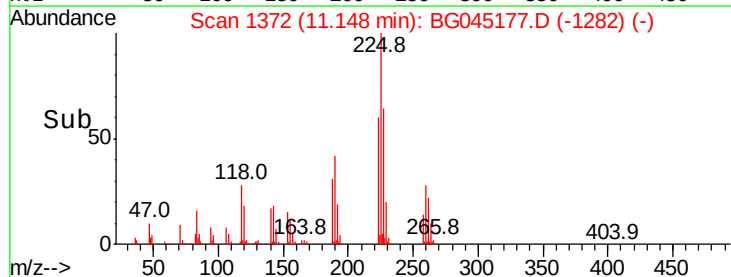
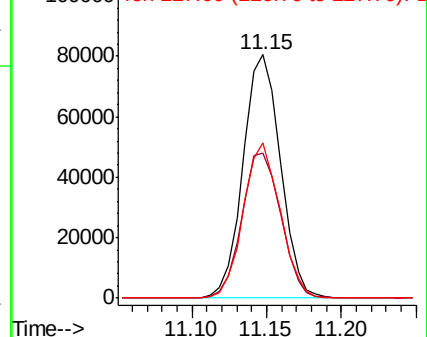


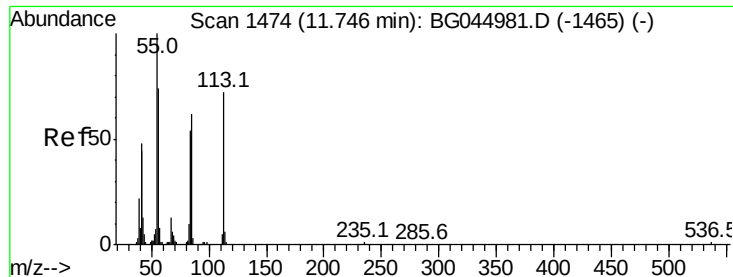
#34
Hexachlorobutadiene
Concen: 43.016 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion:225	Resp:	139513
Ion Ratio	Lower	Upper
225	100	
223	59.8	50.7 76.1
227	63.8	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

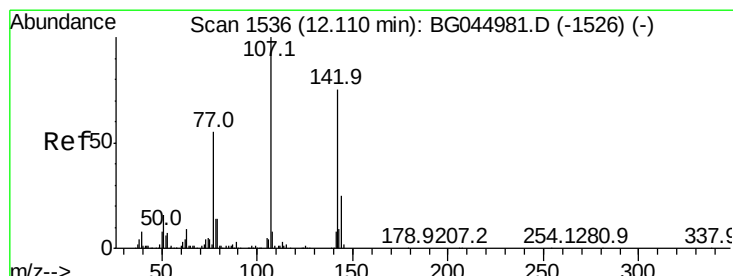
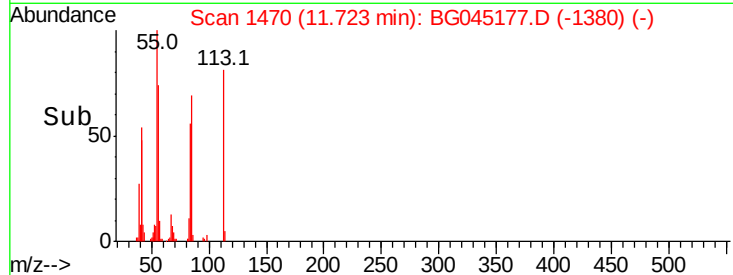
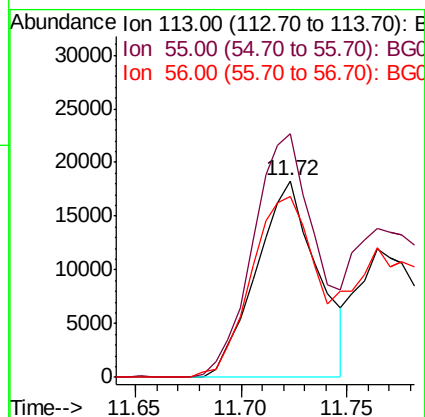
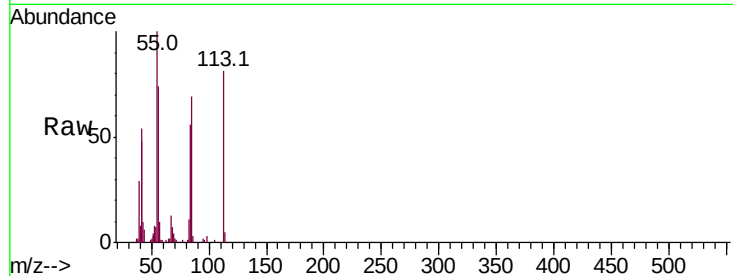




#35
 Caprolactam
 Concen: 22.101 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

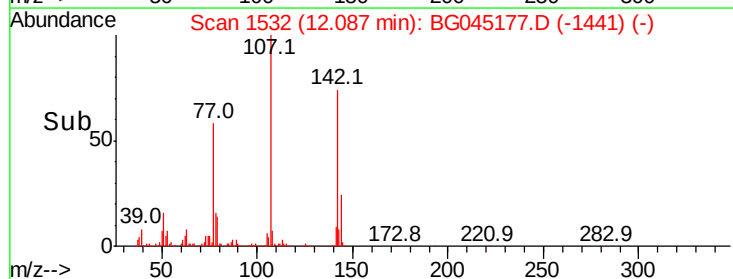
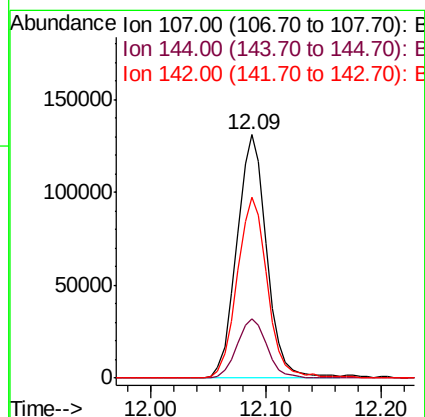
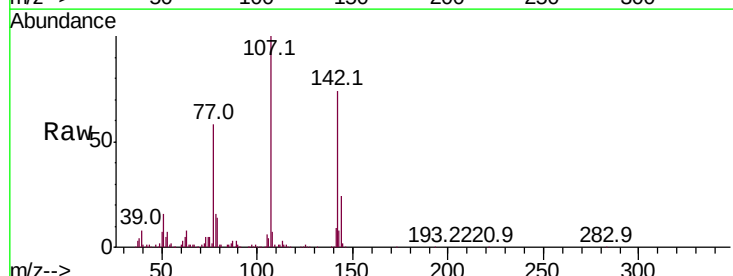
Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

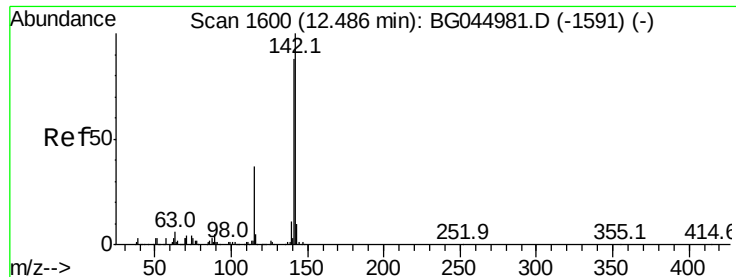
Tot Ion:113 Resp: 36750
 Ion Ratio Lower Upper
 113 100
 55 123.7 118.8 158.8
 56 91.6 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.748 ng
 RT: 12.09 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion:107 Resp: 234355
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.8 29.6
 142 74.2 59.7 89.5





#37

2-Methylnaphthalene

Concen: 44.132 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

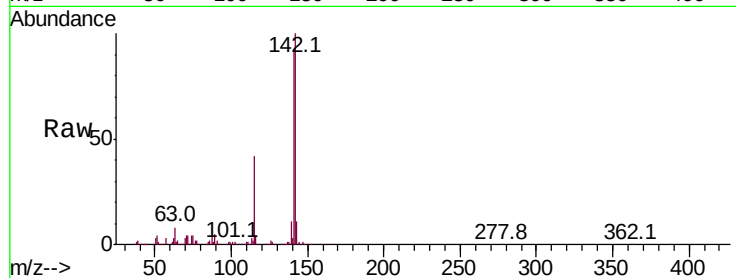
Tot Ion:142 Resp: 441599

Ion Ratio Lower Upper

142 100

141 91.8 70.3 105.5

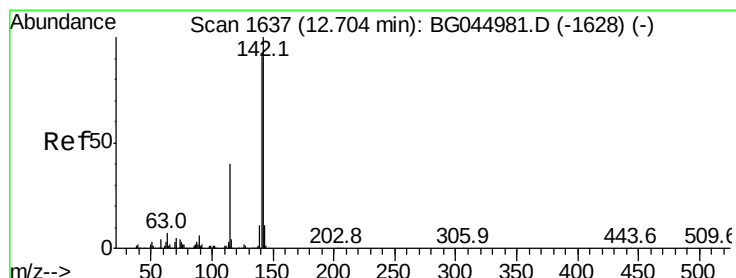
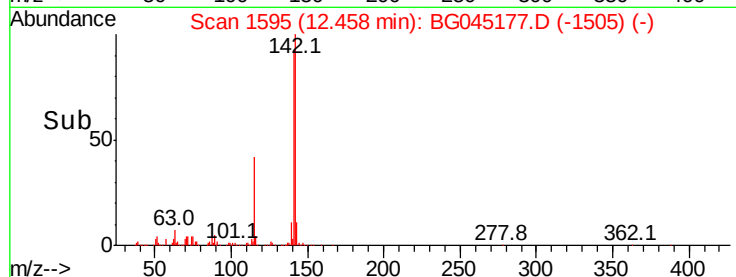
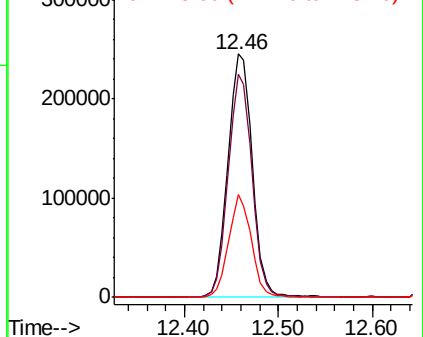
115 42.3 29.8 44.6



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: 45.067 ng

RT: 12.68 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

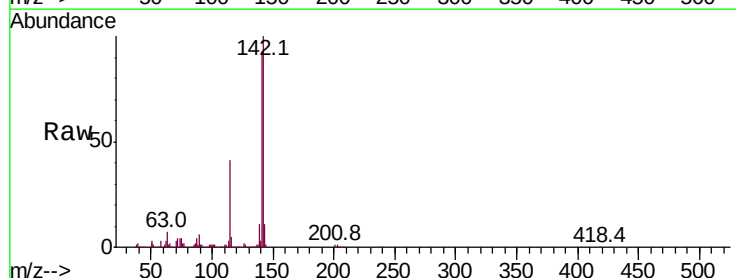
Tgt Ion:142 Resp: 425721

Ion Ratio Lower Upper

142 100

141 92.0 72.7 109.1

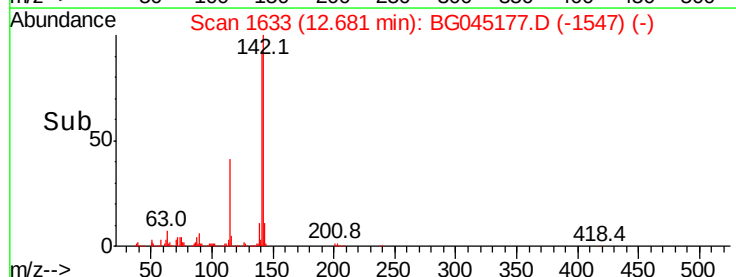
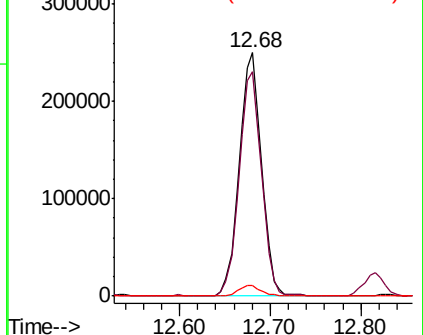
116 4.5 3.1 4.7

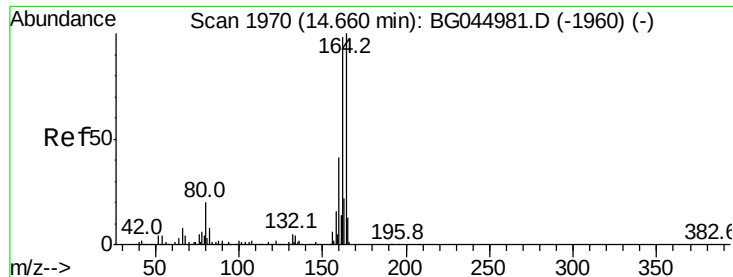


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.64 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

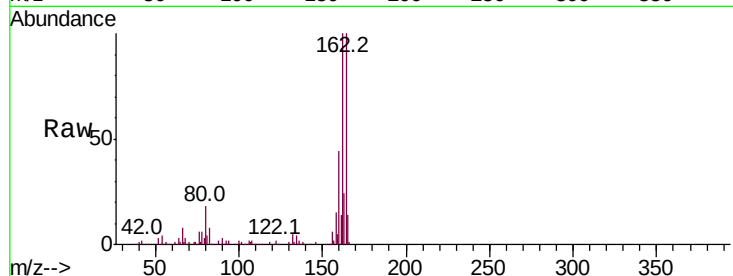
BNA_G

ClientSampleId :

PB128472BS

Tot Ion:164 Resp: 182679

Ion	Ratio	Lower	Upper
164	100		
162	99.9	78.7	118.1
160	44.0	32.8	49.2

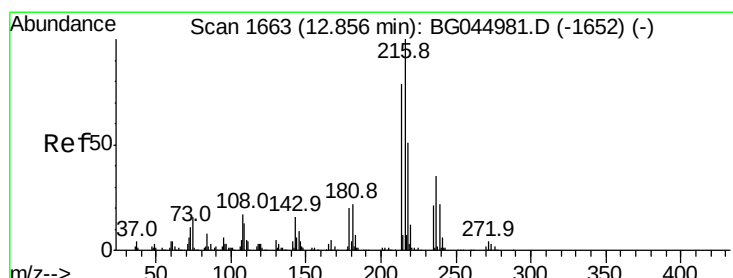
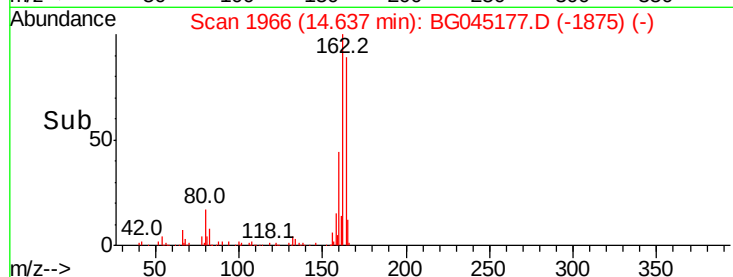
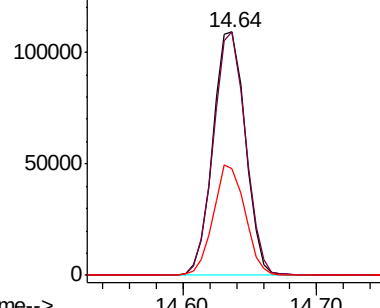


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.646 ng

RT: 12.83 min Scan# 1658

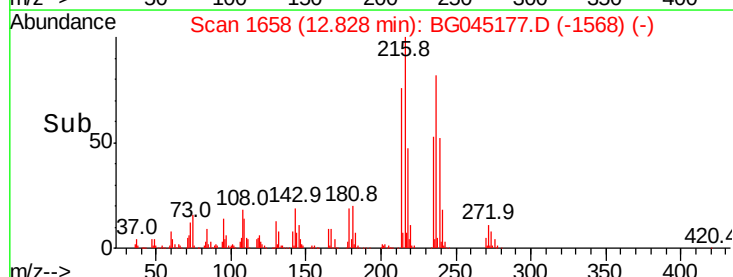
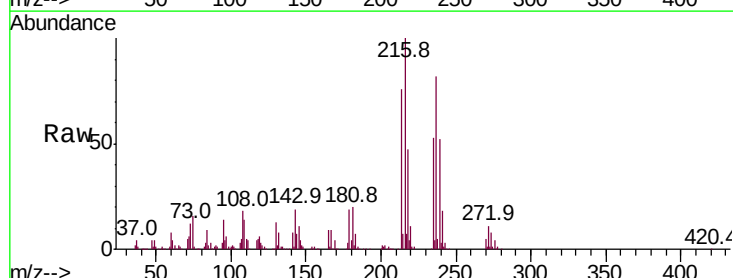
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:216 Resp: 244950

Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.0	94.6
179	19.2	15.8	23.8
108	19.9	14.2	21.2



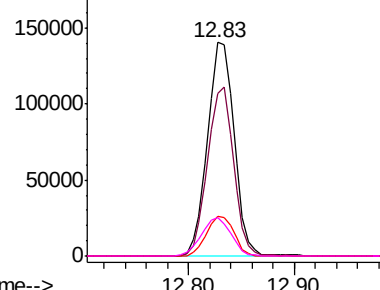
Abundance

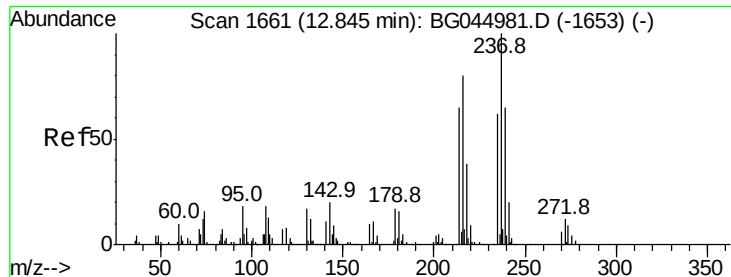
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

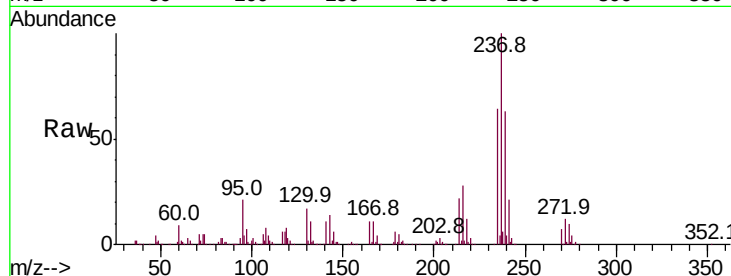




#41
Hexachlorocyclopentadiene
Concen: 95.816 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.4	41.6	81.6
272	12.2	0.0	32.1

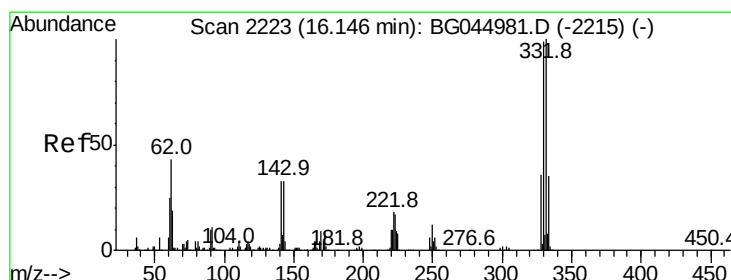
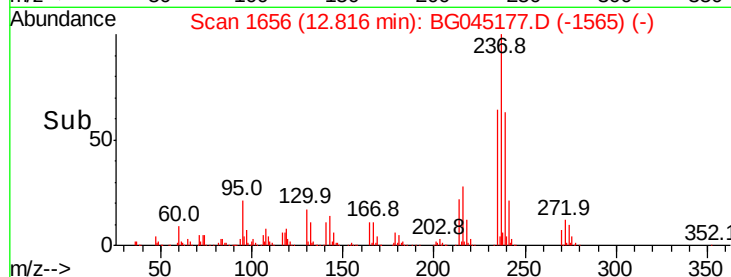
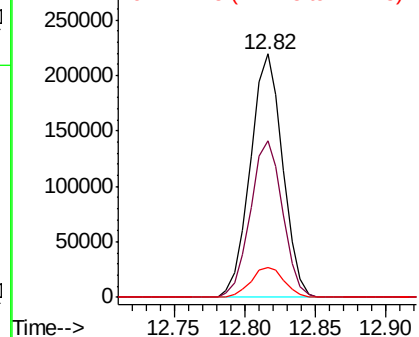


Abundance

Ion 236.80 (236.50 to 237.50): E

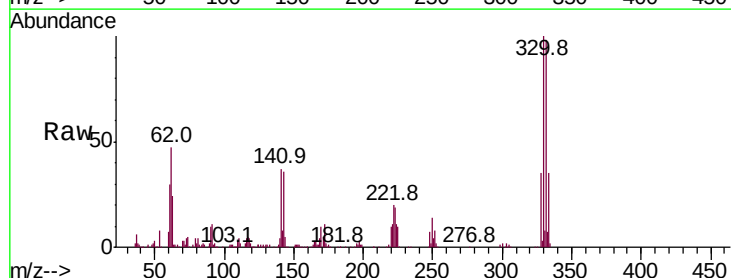
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 128.749 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.1	118.7
141	36.2	27.1	40.7

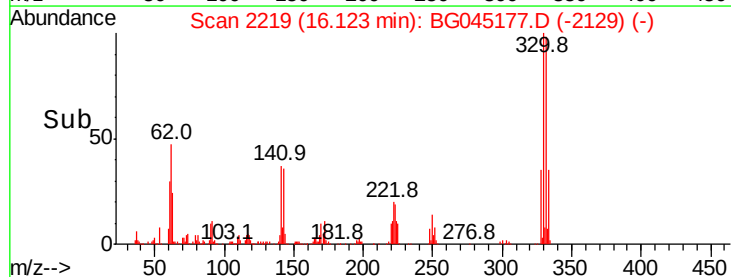
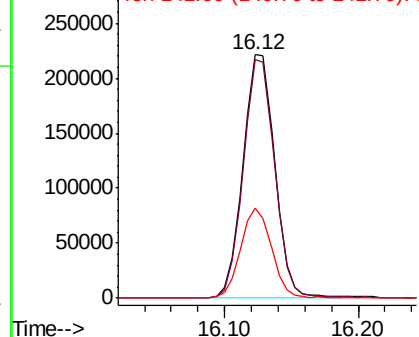


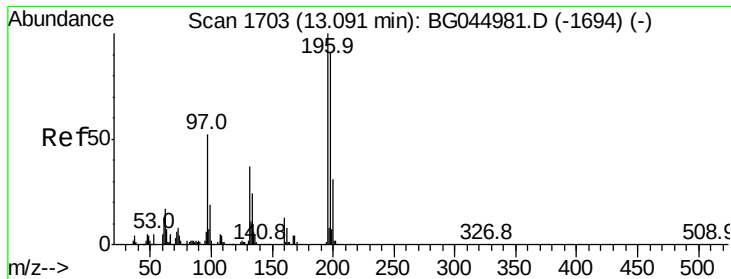
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

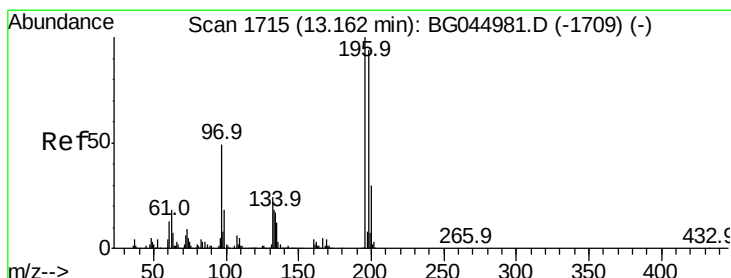
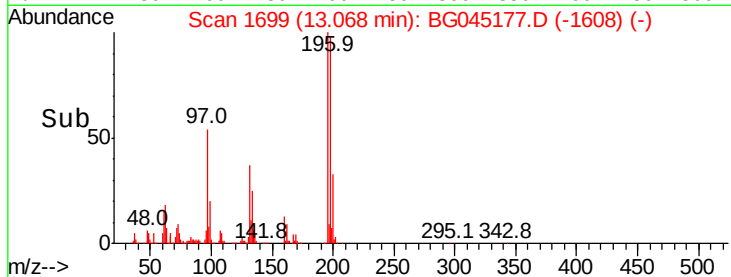
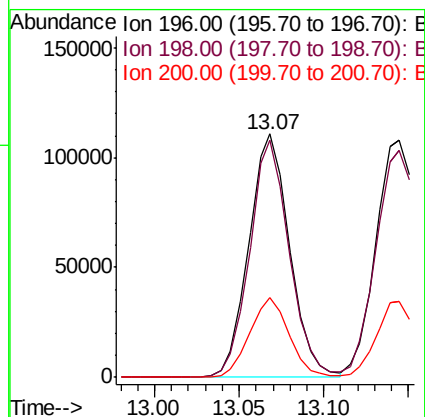
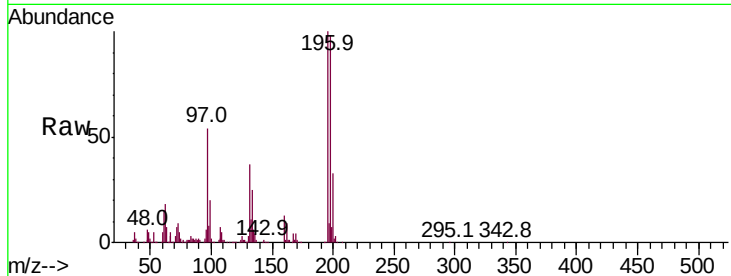




#43
 2,4,6-Trichlorophenol
 Concen: 44.702 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

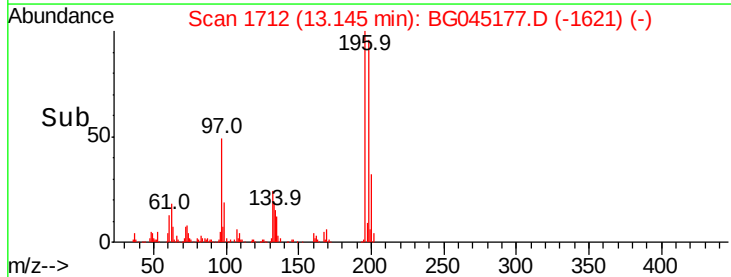
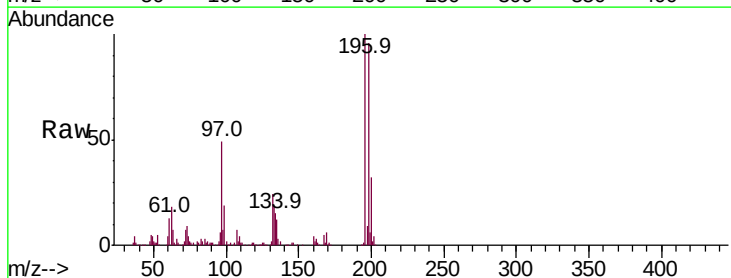
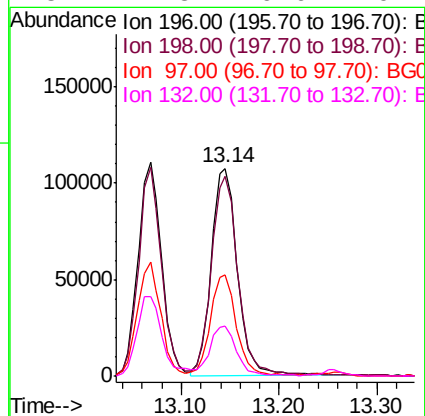
Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

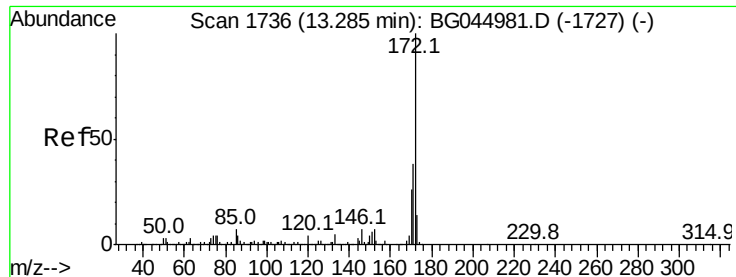
Tot Ion:	196	Resp:	185563
Ion	Ratio	Lower	Upper
196	100		
198	97.5	72.5	108.7
200	32.6	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 42.294 ng
 RT: 13.14 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion:	196	Resp:	199845
Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
97	49.0	39.6	59.4
132	24.3	19.6	29.4





#45

2-Fluorobiphenyl

Concen: 83.635 ng

RT: 13.26 min Scan# 1731

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

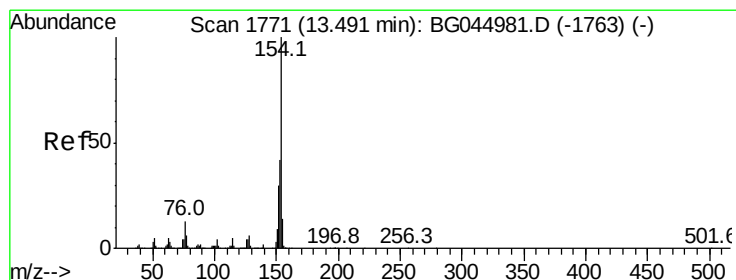
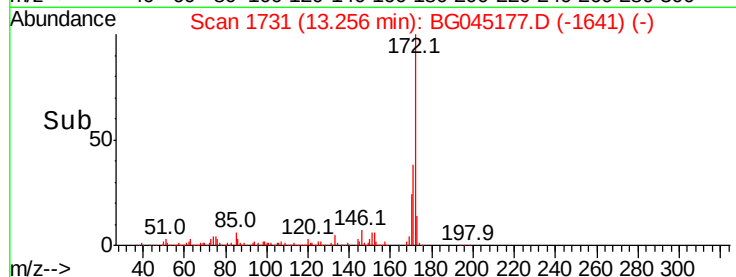
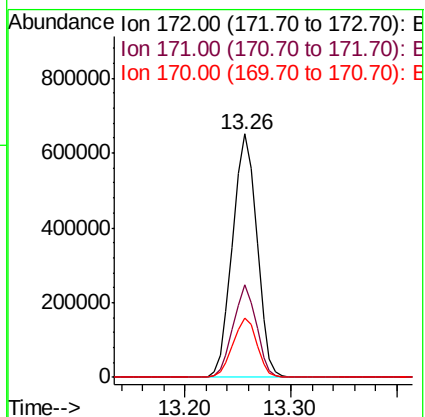
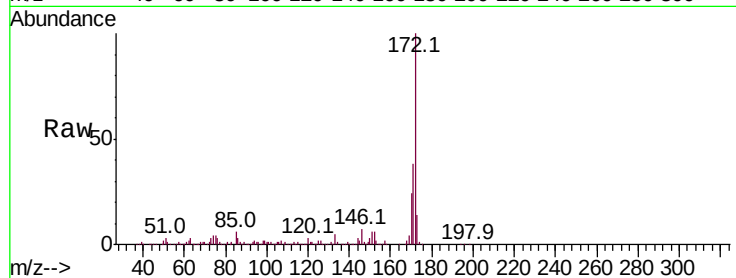
BNA_G

ClientSampleId :

PB128472BS

Tot Ion:172 Resp: 1041953

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	24.4	20.5	30.7



#46

1,1'-Biphenyl

Concen: 41.557 ng

RT: 13.47 min Scan# 1767

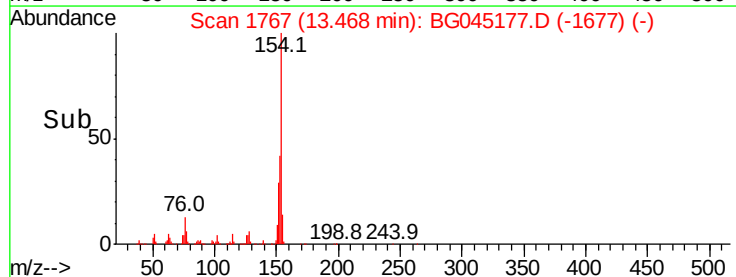
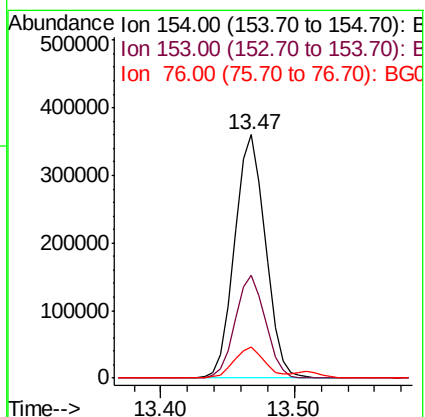
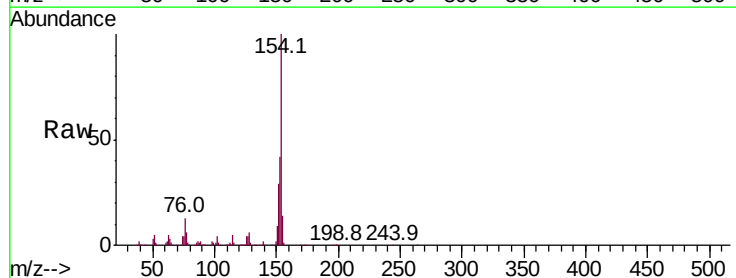
Delta R.T. -0.00 min

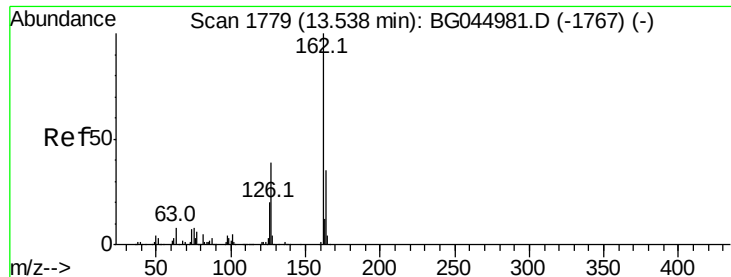
Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:154 Resp: 577017

Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.9	61.9
76	13.0	0.0	33.1





#47

2-Chloronaphthalene

Concen: 42.783 ng

RT: 13.51 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

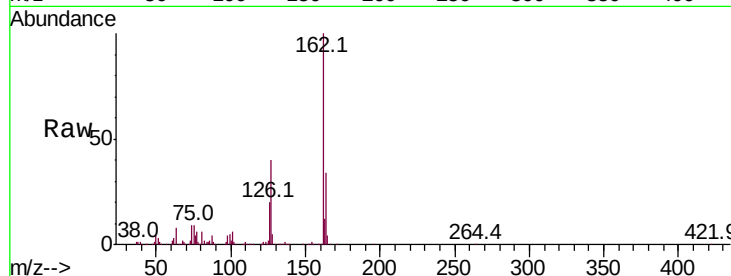
Tot Ion:162 Resp: 453903

Ion Ratio Lower Upper

162 100

127 39.6 31.3 46.9

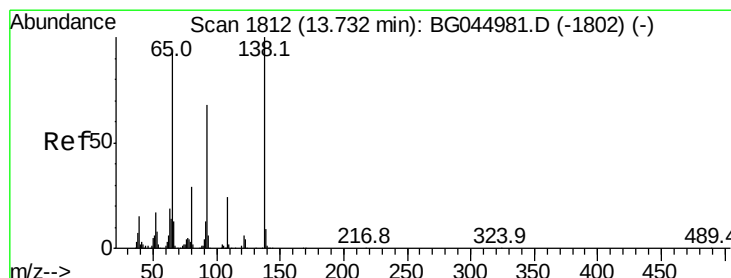
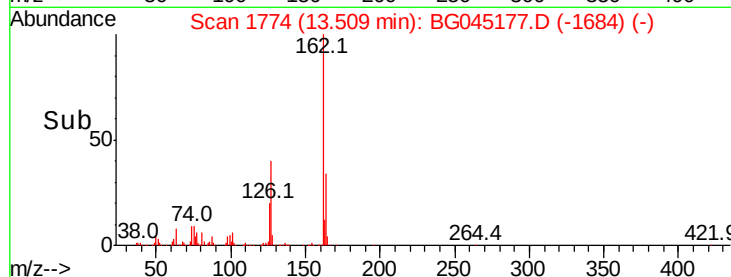
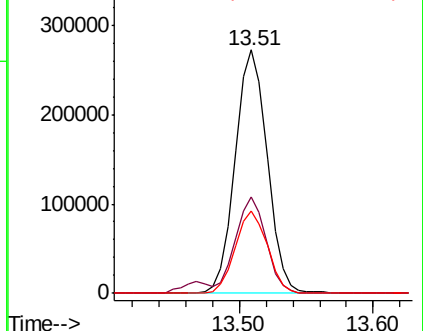
164 33.8 27.8 41.8



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: 43.497 ng

RT: 13.71 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

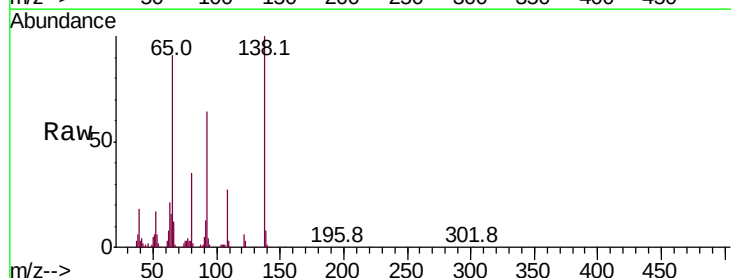
Tgt Ion: 65 Resp: 151835

Ion Ratio Lower Upper

65 100

92 70.7 58.3 87.5

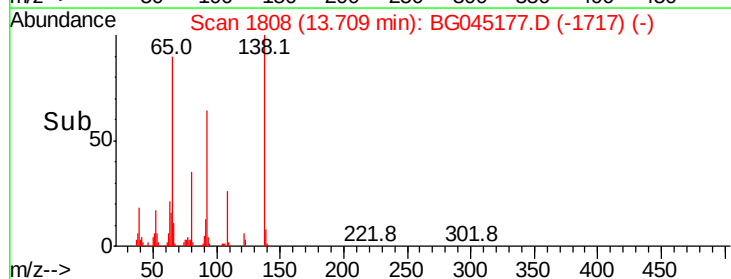
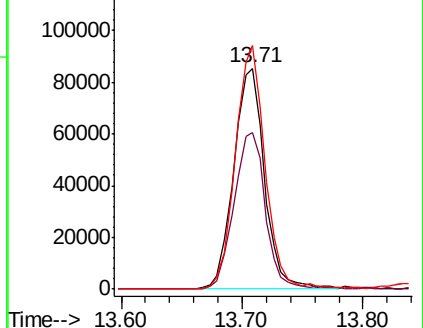
138 110.2 85.6 128.4

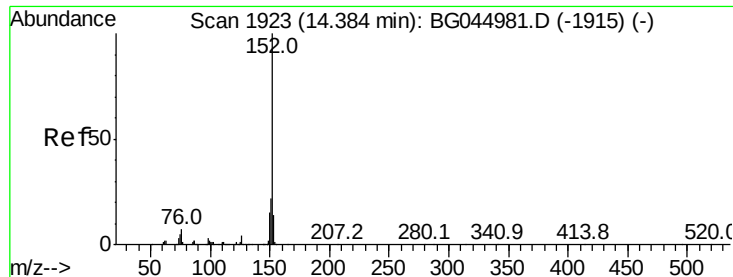


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.266 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

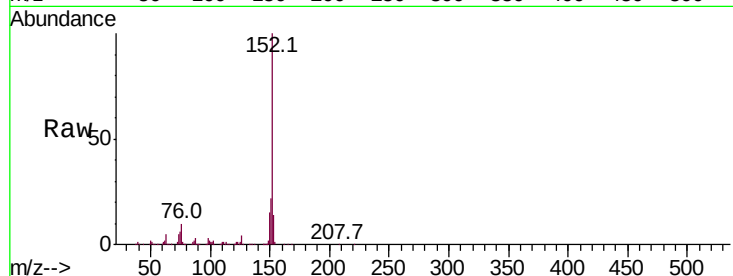
Tot Ion:152 Resp: 764975

Ion Ratio Lower Upper

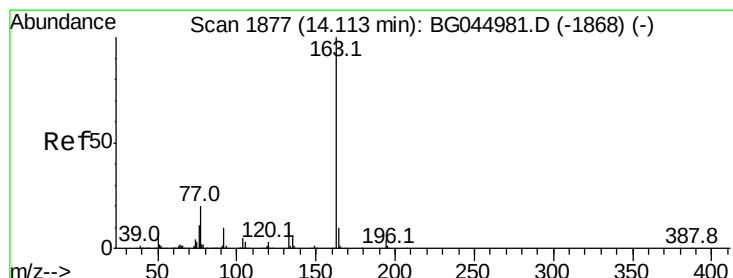
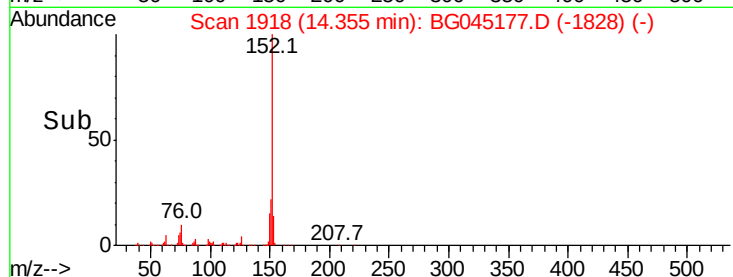
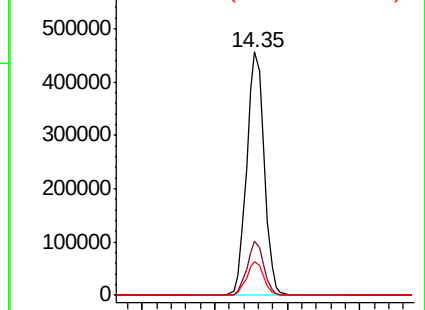
152 100

151 22.2 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: 44.509 ng

RT: 14.09 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

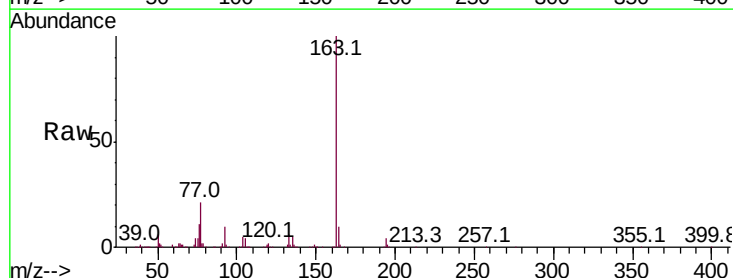
Tgt Ion:163 Resp: 662048

Ion Ratio Lower Upper

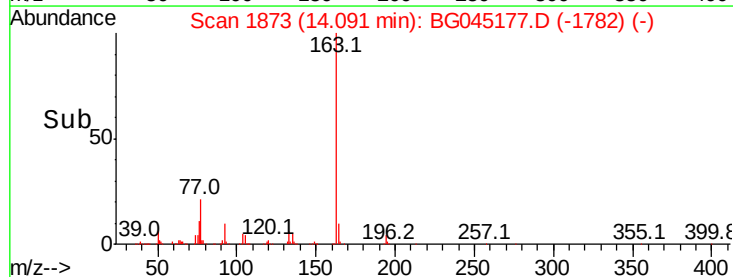
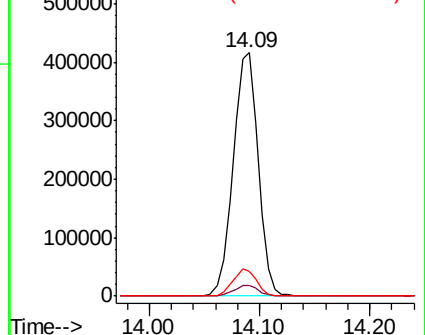
163 100

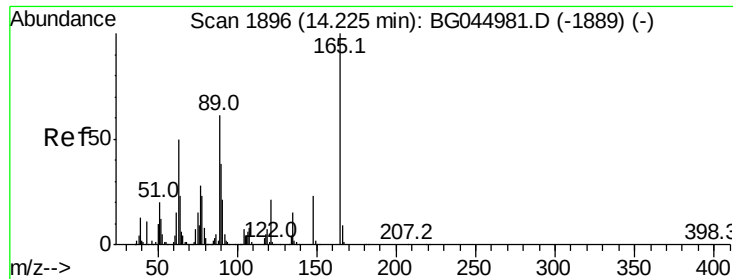
194 4.2 3.5 5.3

164 10.4 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

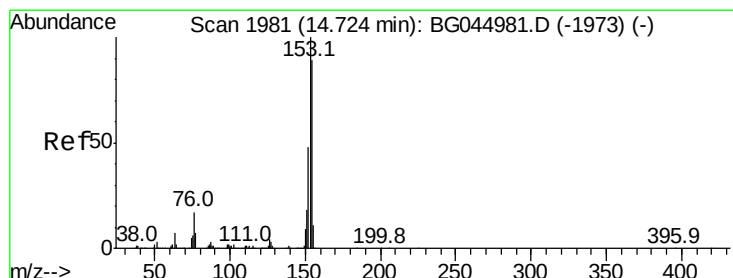
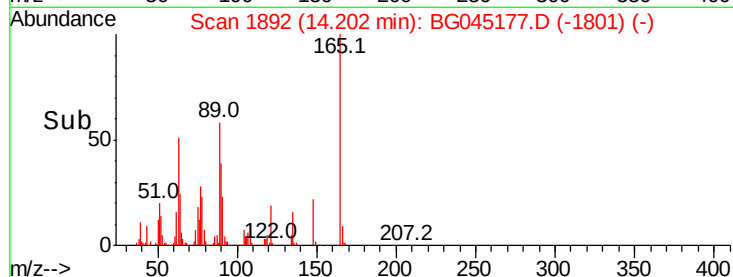
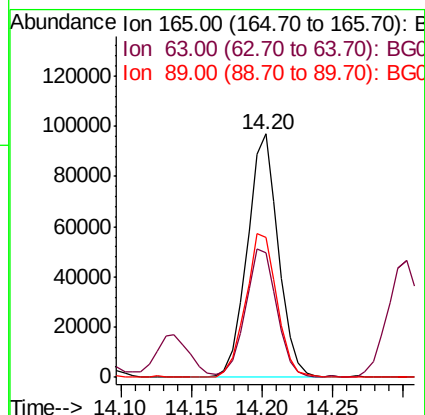
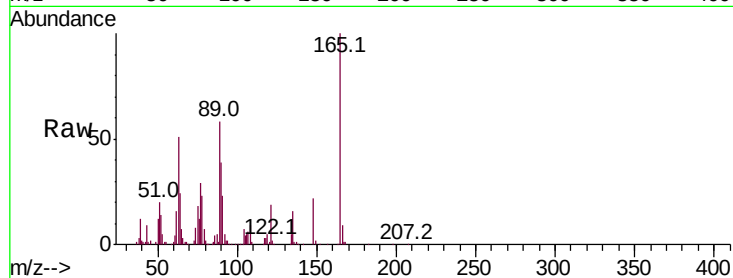




#51
2,6-Dinitrotoluene
Concen: 44.797 ng
RT: 14.20 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

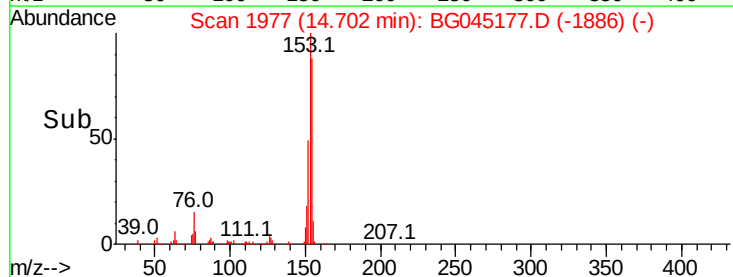
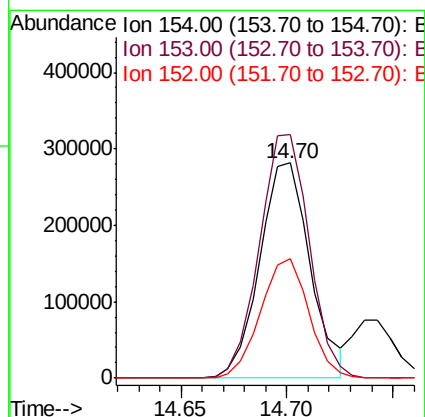
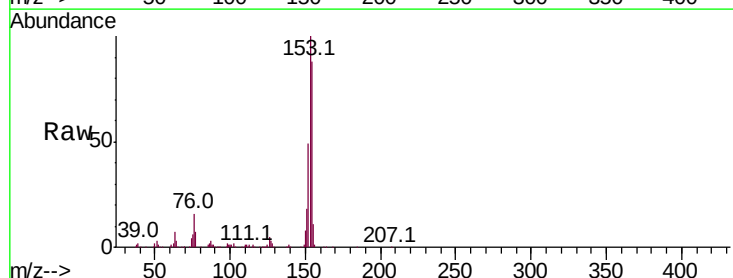
Instrument :
BNA_G
ClientSampleId :
PB128472BS

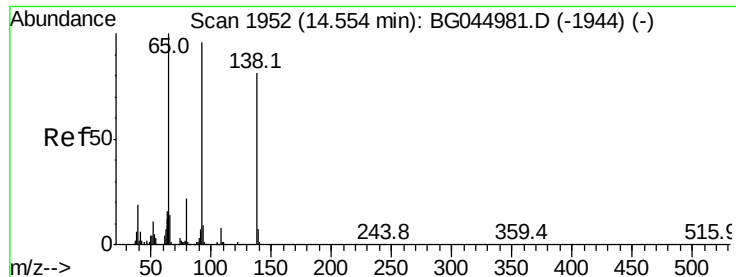
Tot Ion:165 Resp: 149039
Ion Ratio Lower Upper
165 100
63 51.1 40.4 60.6
89 57.6 49.1 73.7



#52
Acenaphthene
Concen: 40.164 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion:154 Resp: 469611
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 55.5 43.1 64.7





#53

3-Nitroaniline

Concen: 26.430 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

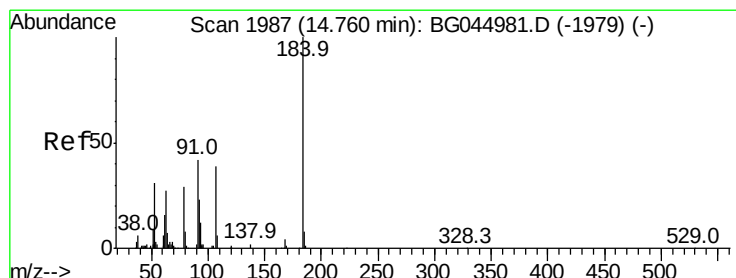
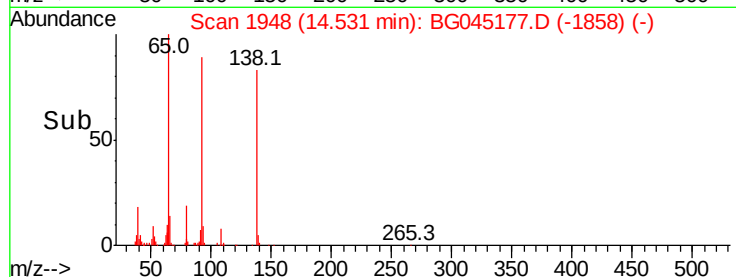
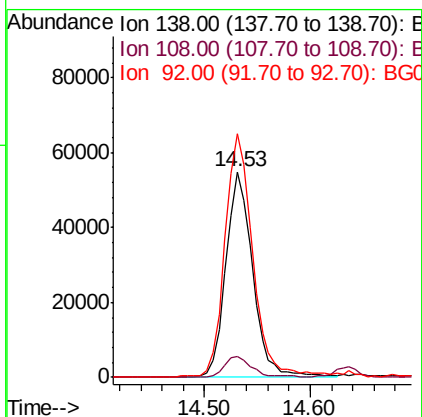
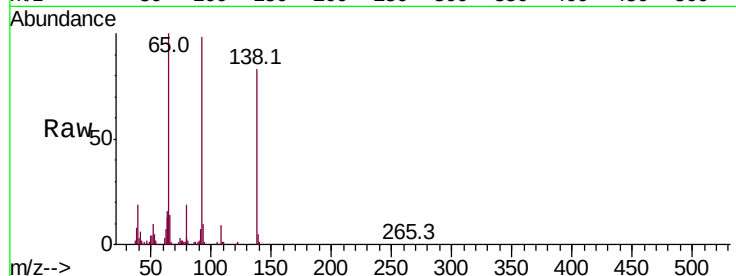
Tot Ion:138 Resp: 96440

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.8

92 118.5 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 94.209 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

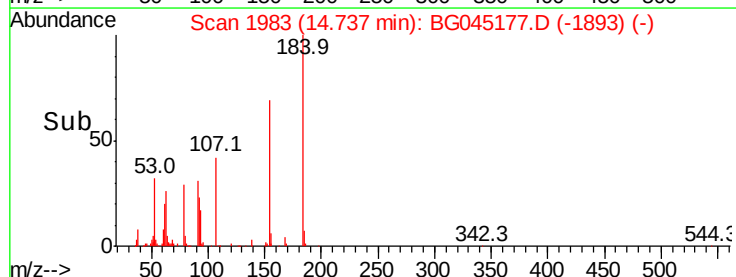
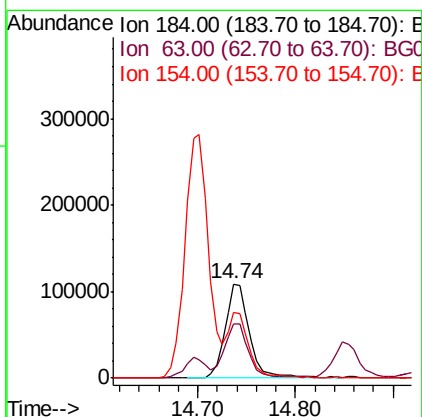
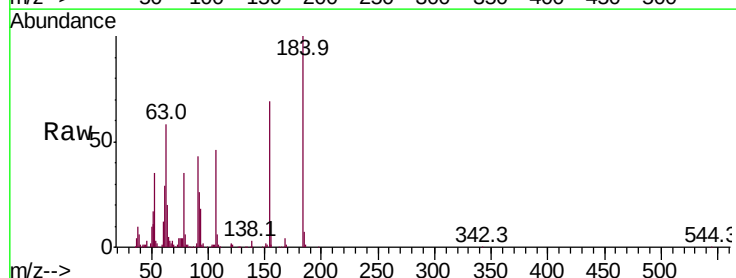
Tgt Ion:184 Resp: 186378

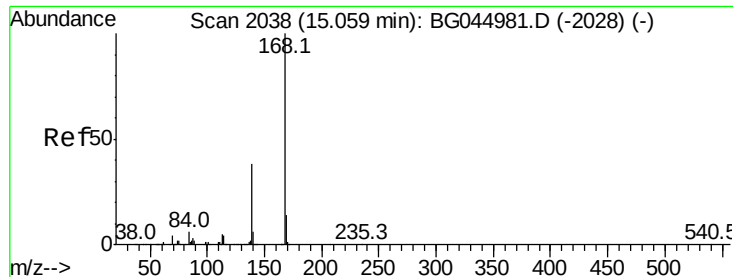
Ion Ratio Lower Upper

184 100

63 57.5 41.5 62.3

154 69.2 52.3 78.5

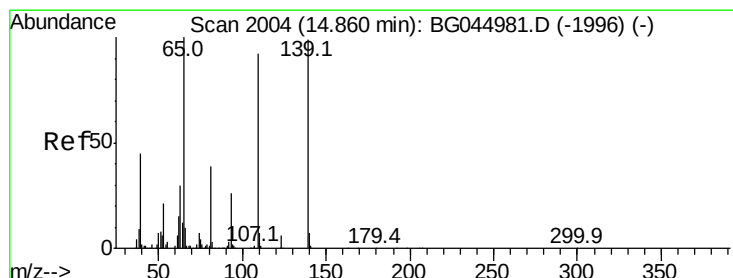
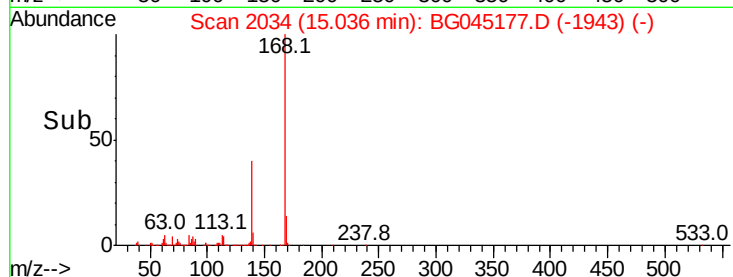
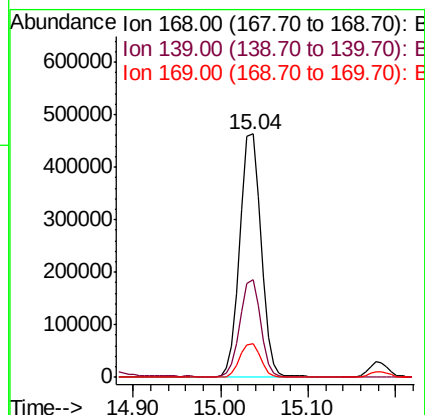
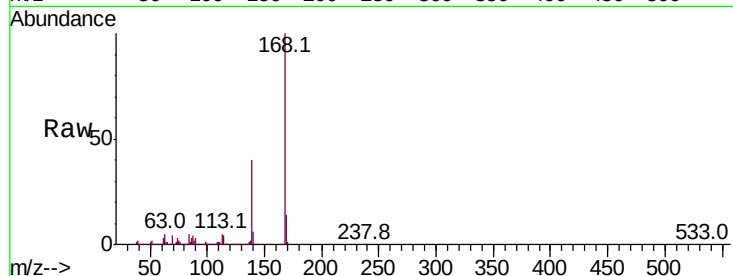




#55
Dibenzenofuran
Concen: 44.358 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

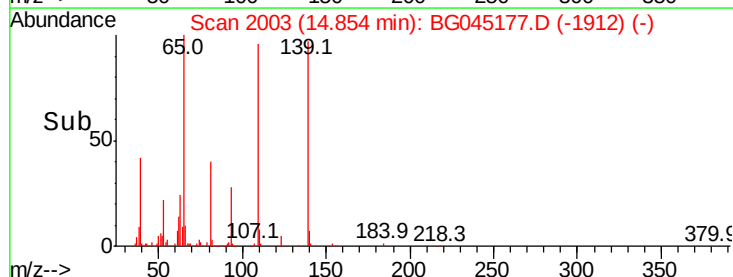
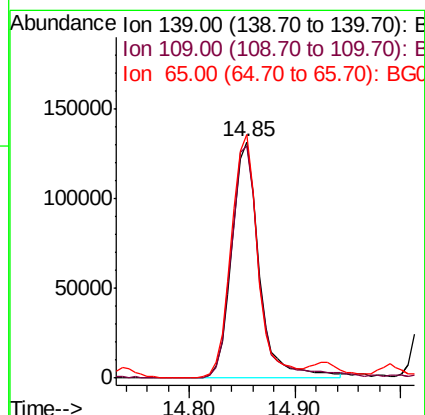
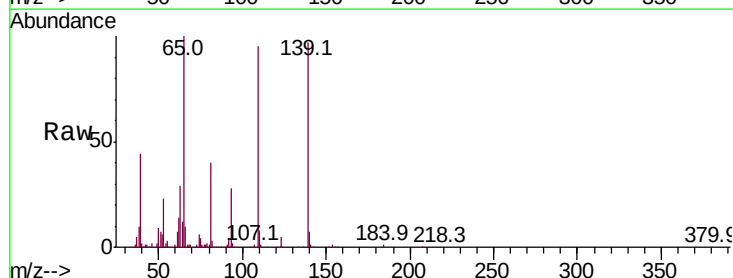
Instrument :
BNA_G
ClientSampleId :
PB128472BS

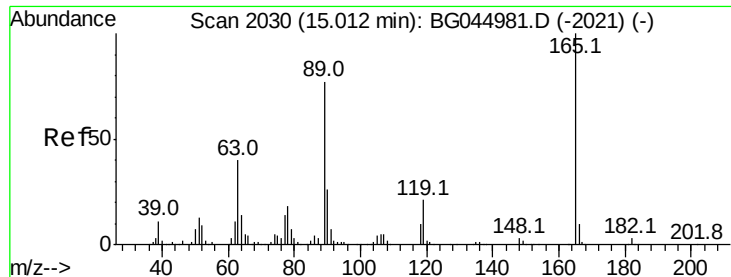
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.4	45.6
169	14.1	11.0	16.4



#56
4-Nitrophenol
Concen: 83.332 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.2	73.6	113.6
65	103.1	81.2	121.2

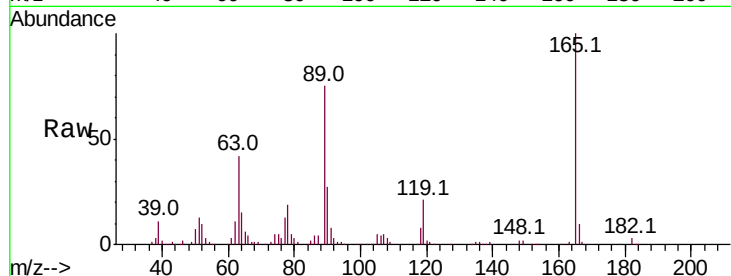




#57
 2,4-Dinitrotoluene
 Concen: 43.980 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	32.2	48.2
89	74.6	61.7	92.5
182	2.7	2.0	3.0



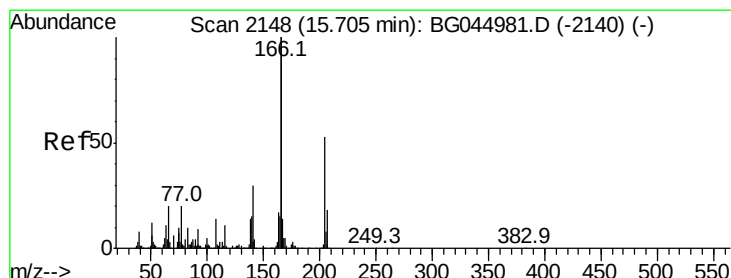
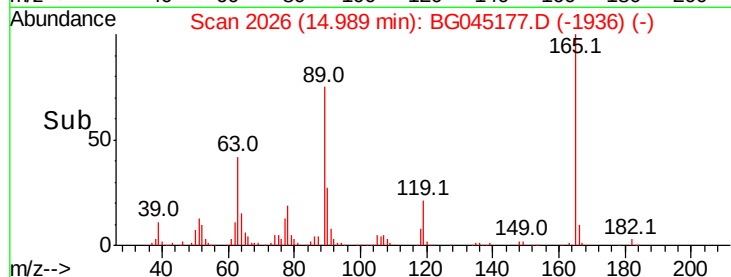
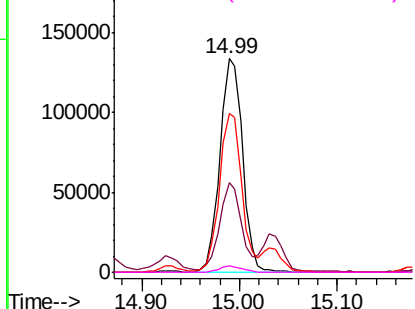
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

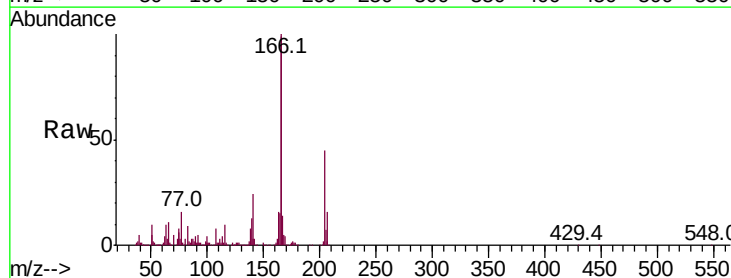
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.607 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.9	119.9
167	14.2	11.4	17.0

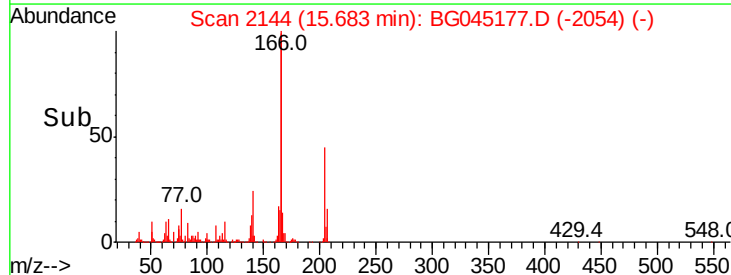
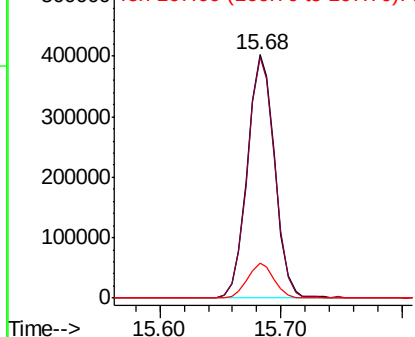


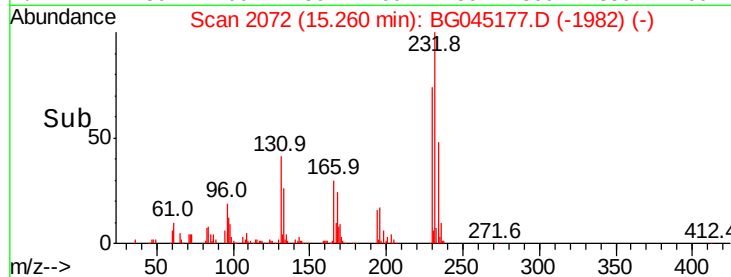
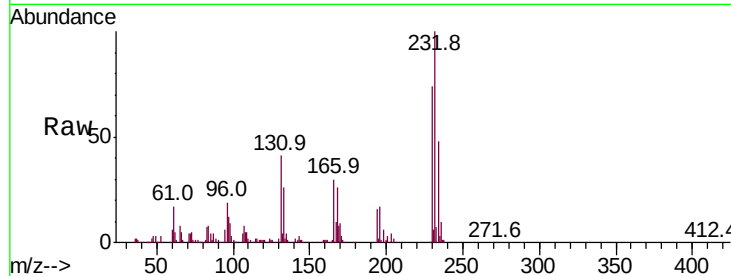
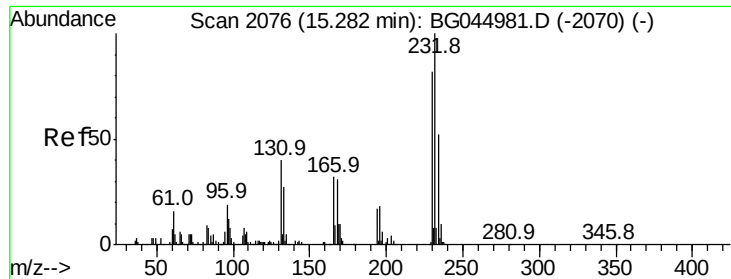
Abundance

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

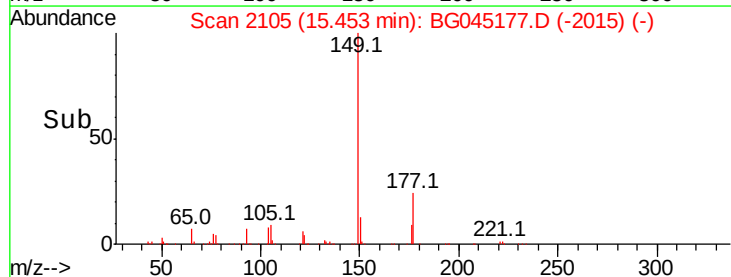
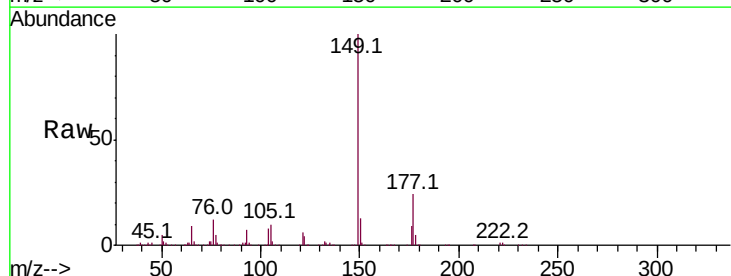
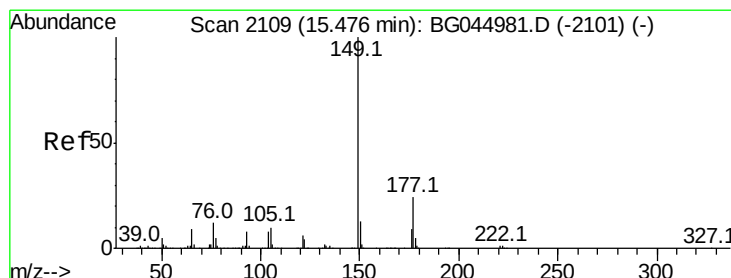
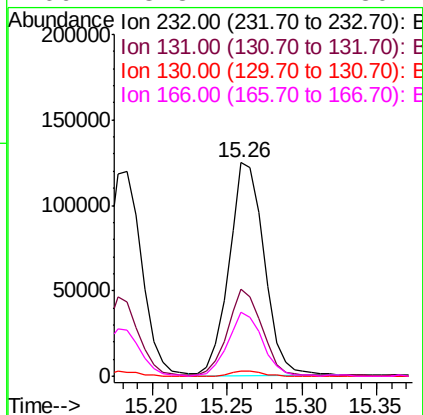




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.914 ng
RT: 15.26 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

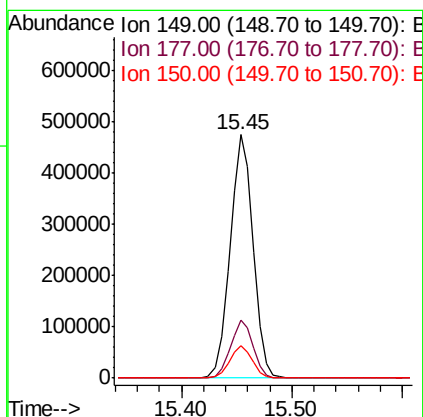
Instrument :
BNA_G
ClientSampleId :
PB128472BS

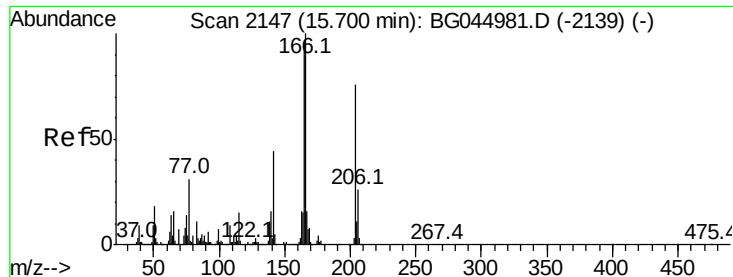
Tot Ion:	232	Resp:	205651
Ion	Ratio	Lower	Upper
232	100		
131	39.7	32.2	48.2
130	2.5	2.2	3.2
166	28.8	24.2	36.4



#60
Diethylphthalate
Concen: 44.539 ng
RT: 15.45 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion:	149	Resp:	690718
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.9	28.3
150	13.2	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 43.847 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

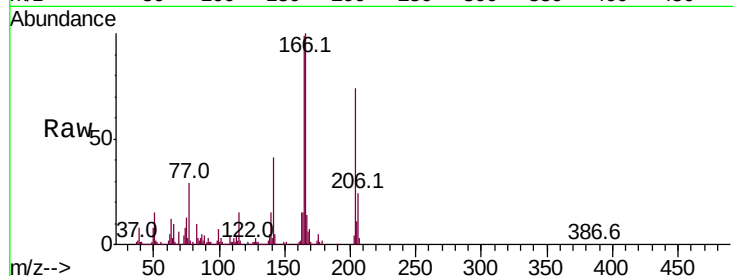
Tot Ion:204 Resp: 351410

Ion Ratio Lower Upper

204 100

206 31.9 26.9 40.3

141 55.7 46.3 69.5

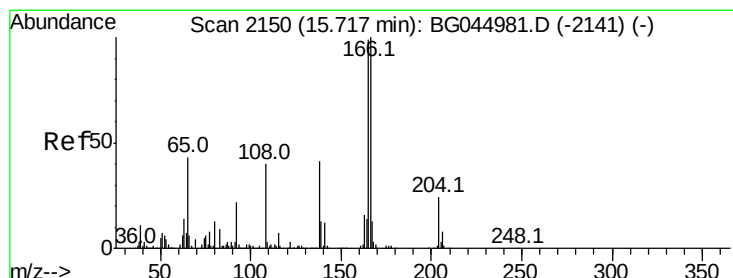
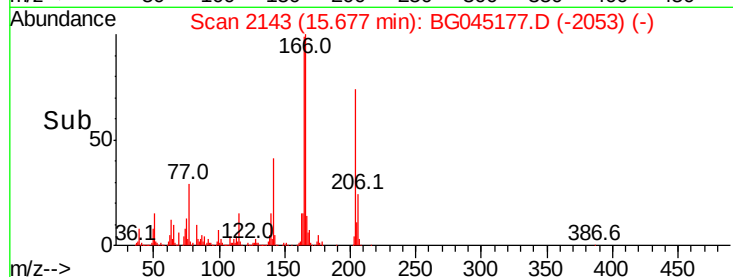
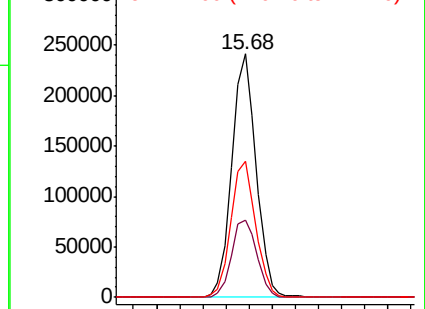


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 39.280 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

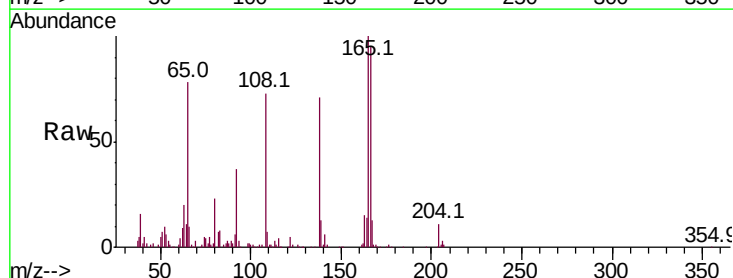
Tgt Ion:138 Resp: 148664

Ion Ratio Lower Upper

138 100

92 52.5 33.6 73.6

108 102.9 78.2 118.2

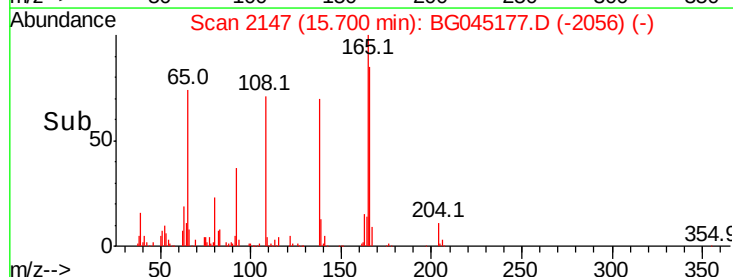
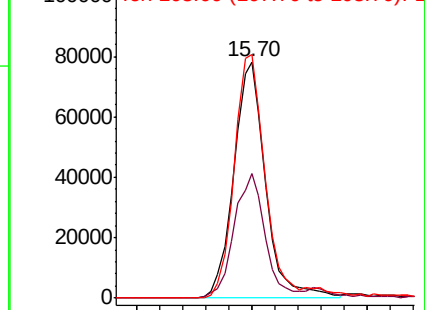


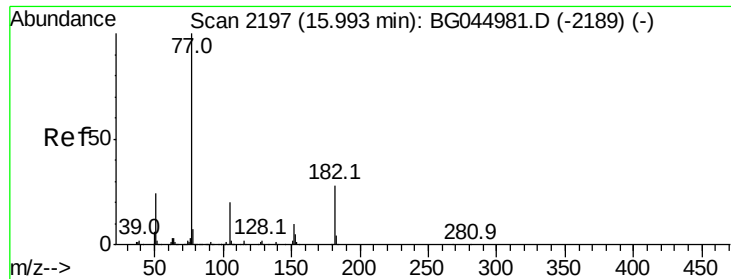
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

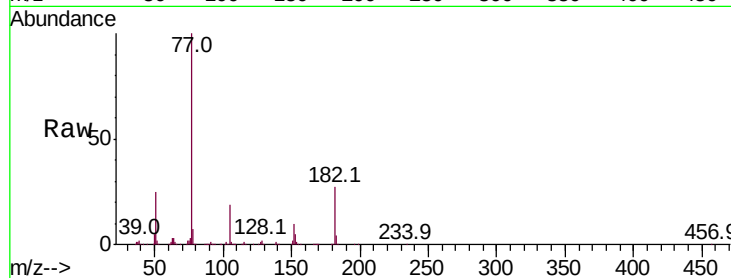




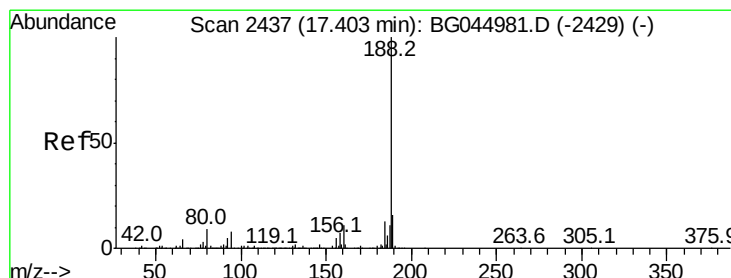
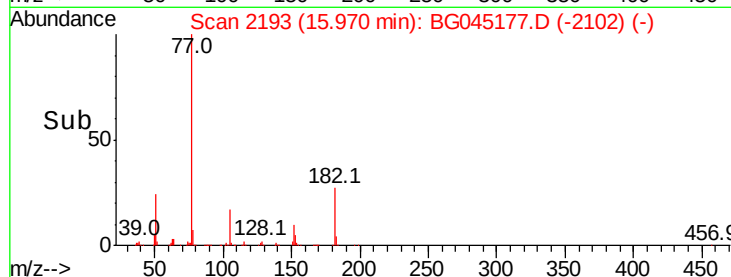
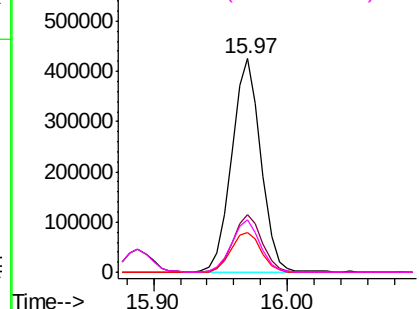
#63
Azobenzene
Concen: 45.195 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Instrument :
BNA_G
ClientSampleId :
PB128472BS

Tot Ion:	77	Resp:	646204
Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.4	48.4
105	18.8	0.5	40.5
51	24.6	4.4	44.4

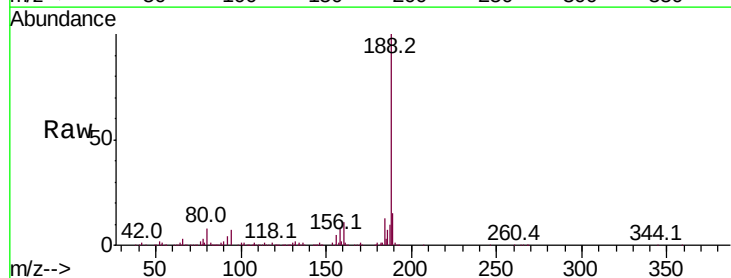


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

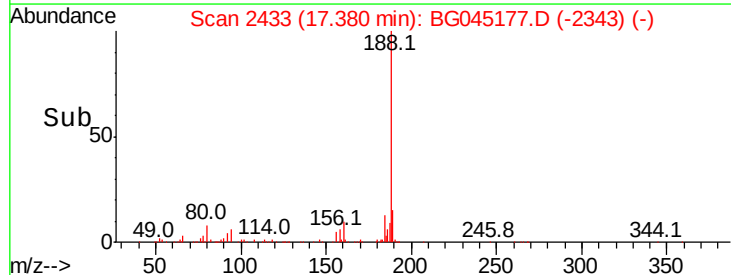
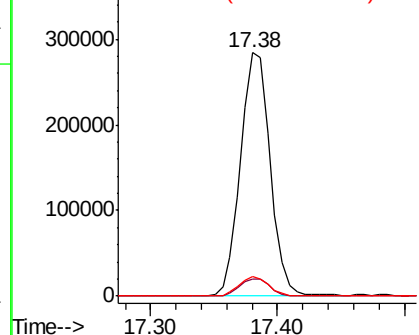


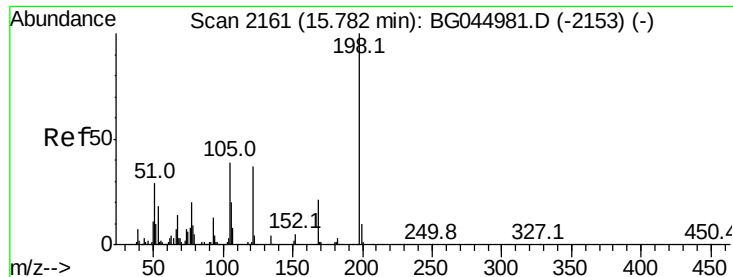
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion:	188	Resp:	461766
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.1	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: 46.517 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

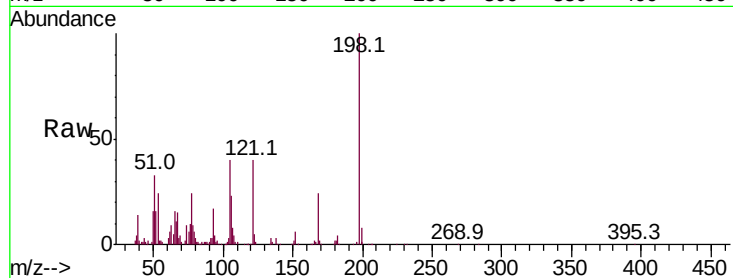
Tot Ion:198 Resp: 141188

Ion	Ratio	Lower	Upper
198	100		
51	33.2	10.0	50.0
105	39.5	18.9	58.9

198 100

51 33.2 10.0 50.0

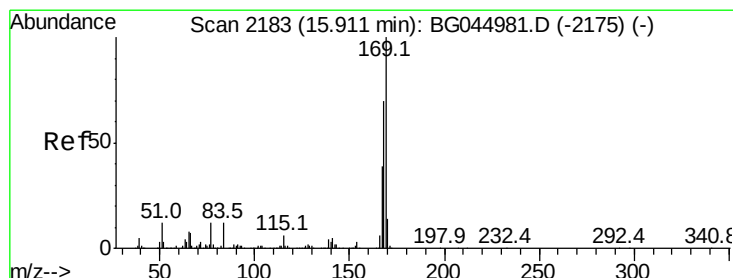
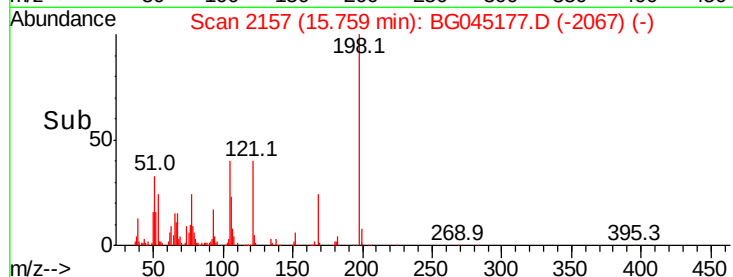
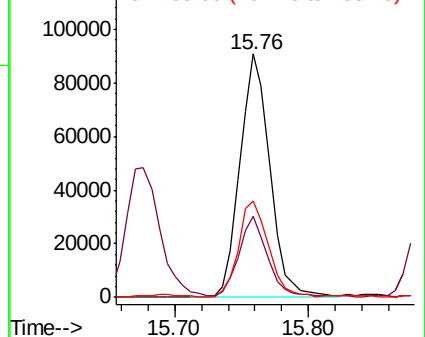
105 39.5 18.9 58.9



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: 43.337 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

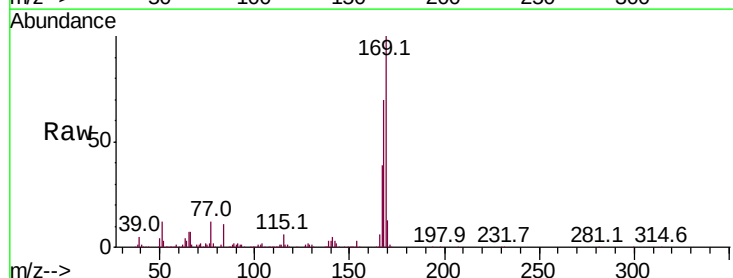
Tgt Ion:169 Resp: 574972

Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.8	83.8
167	39.1	30.8	46.2

169 100

168 70.3 55.8 83.8

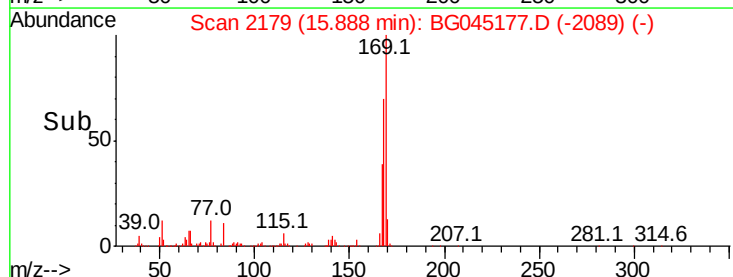
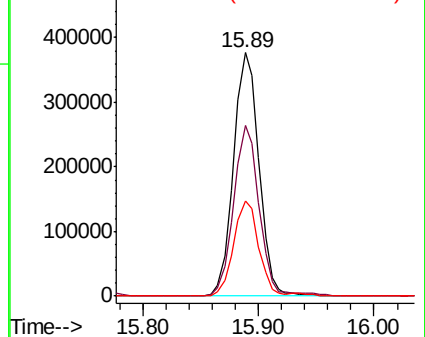
167 39.1 30.8 46.2

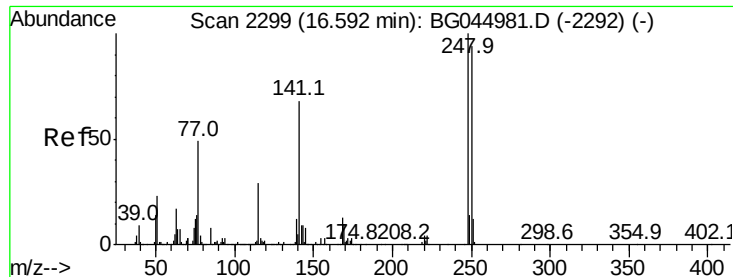


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

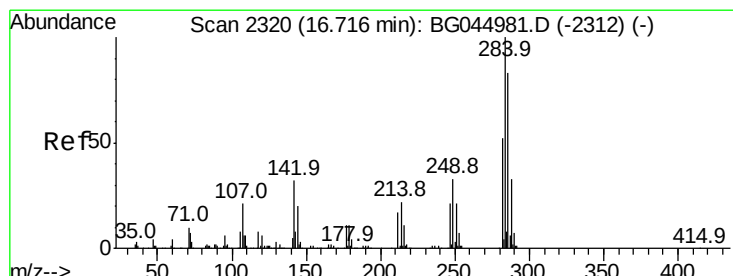
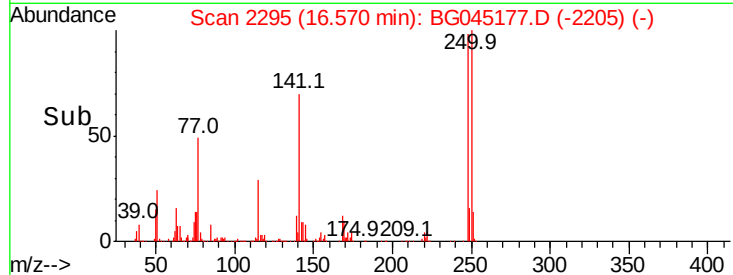
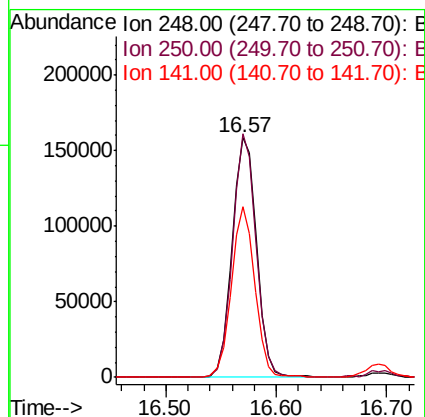
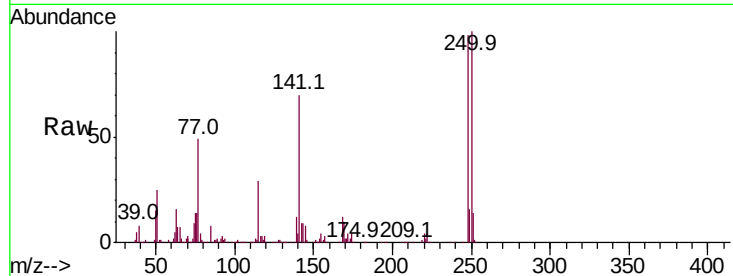




#67
 4-Bromophenyl-phenylether
 Concen: 41.384 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

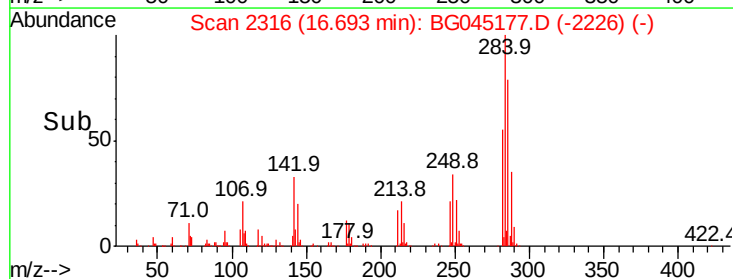
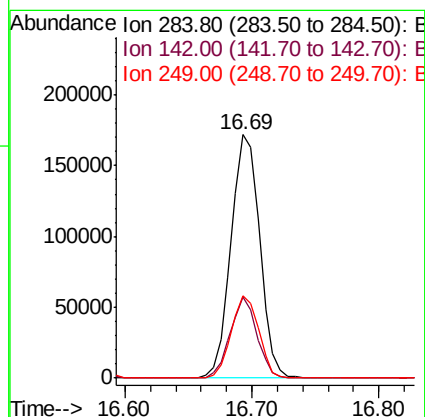
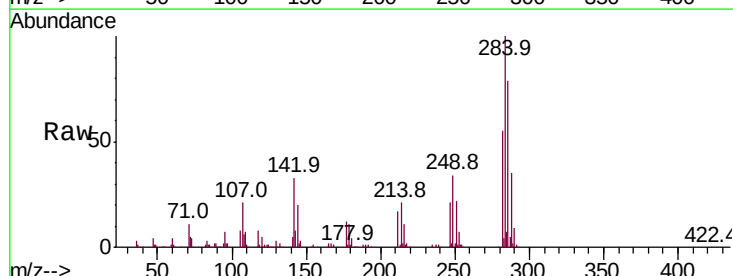
Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

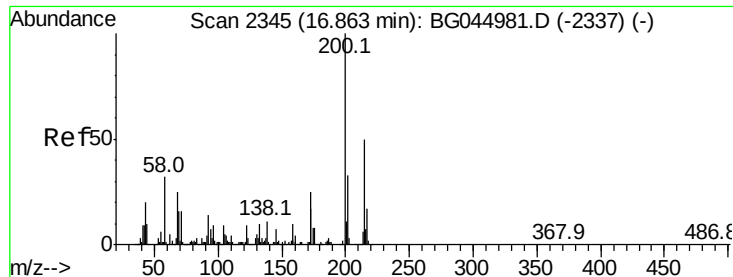
Tot Ion	Ratio	Lower	Upper
248	100		
250	101.8	75.4	113.2
141	71.5	54.4	81.6



#68
 Hexachlorobenzene
 Concen: 43.474 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.8	38.6
249	34.0	26.6	39.8





#69

Atrazine

Concen: 51.175 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

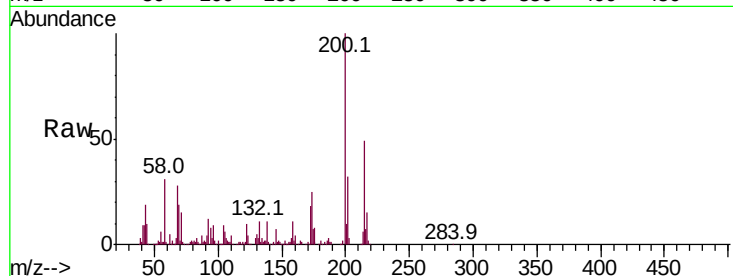
Tot Ion:200 Resp: 244467

Ion Ratio Lower Upper

200 100

173 25.1 4.5 44.5

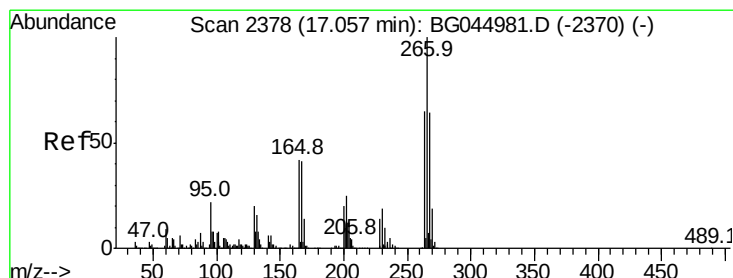
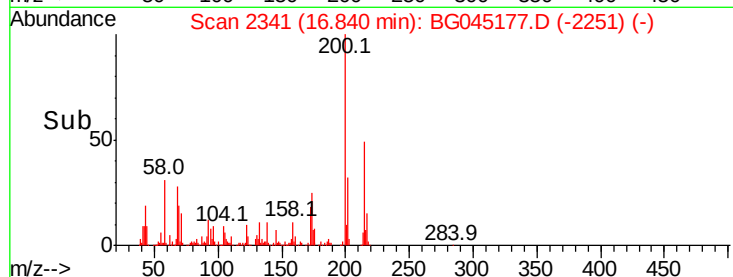
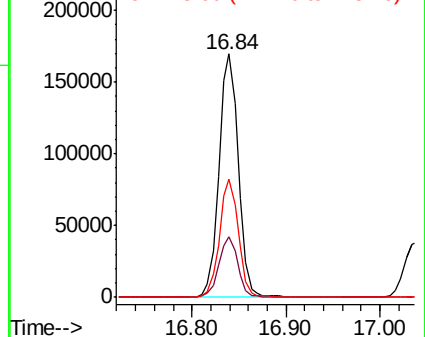
215 48.8 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.425 ng

RT: 17.04 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

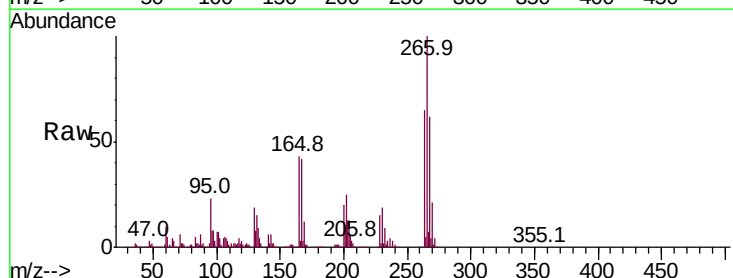
Tgt Ion:266 Resp: 319984

Ion Ratio Lower Upper

266 100

268 62.4 51.5 77.3

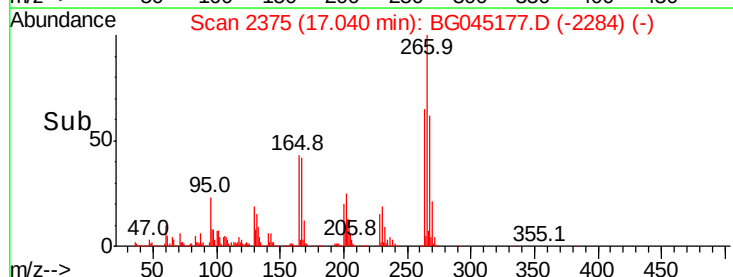
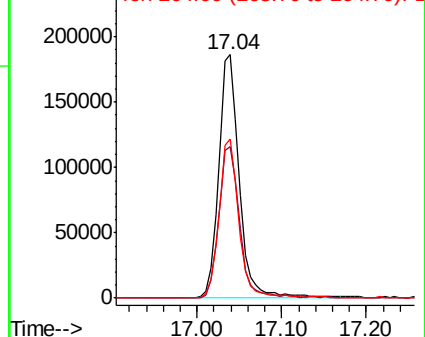
264 65.1 52.2 78.4

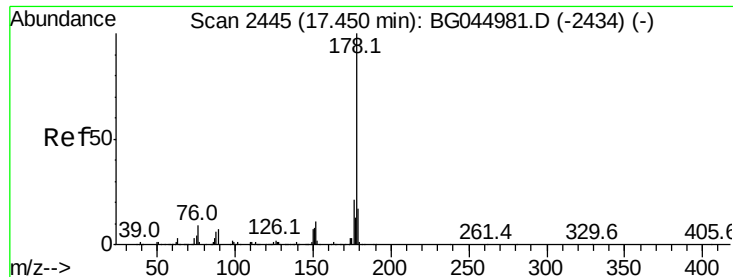


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



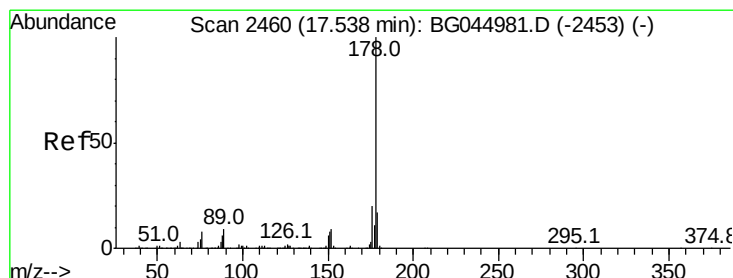
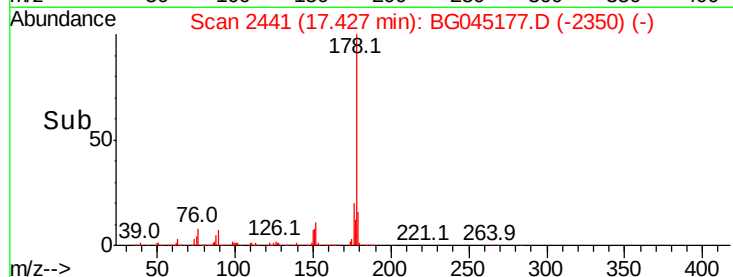
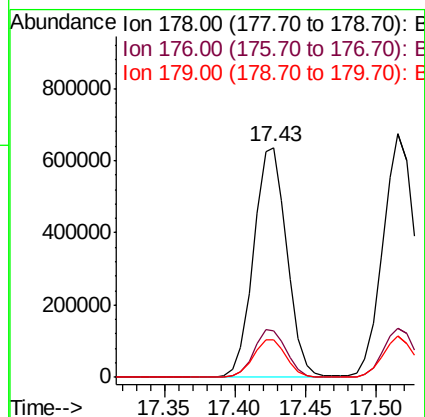
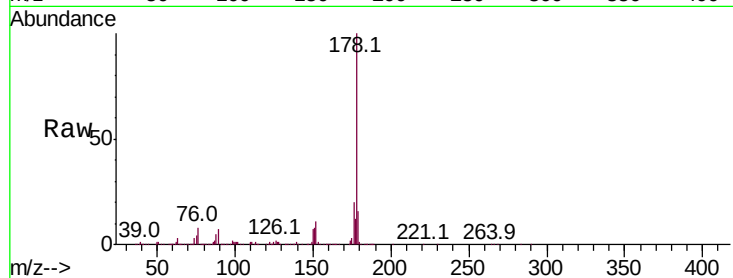


#71
 Phenanthrene
 Concen: 44.386 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

Tot Ion:178 Resp: 1053232

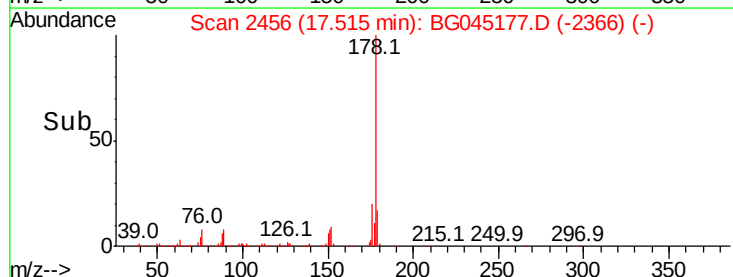
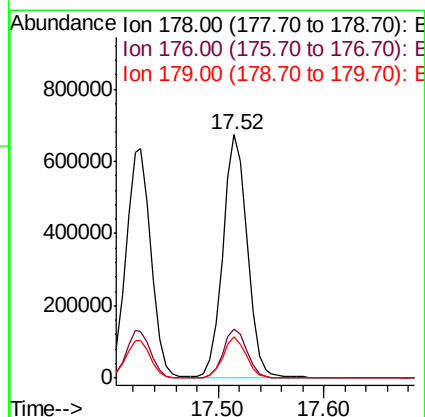
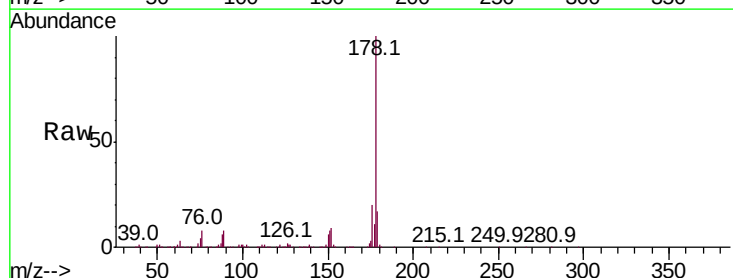
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.8	25.2
179	16.2	13.2	19.8

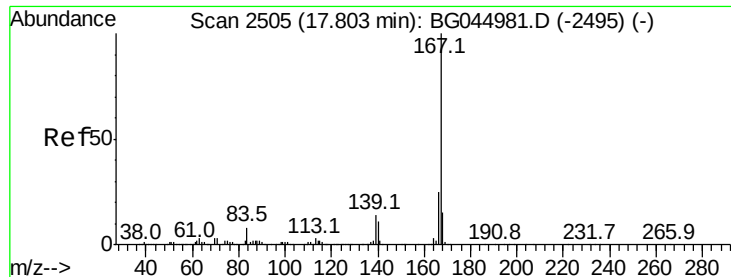


#72
 Anthracene
 Concen: 45.226 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion:178 Resp: 1076497

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.8	13.6	20.4

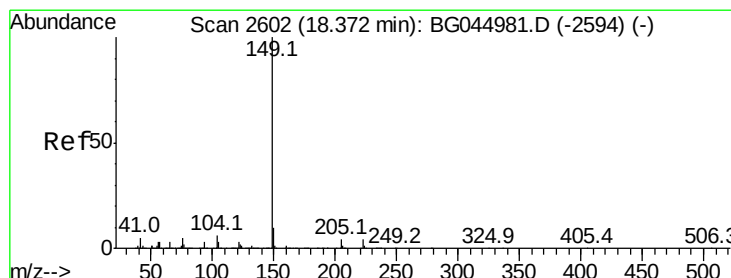
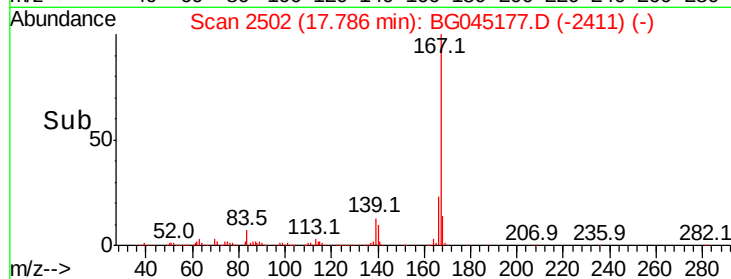
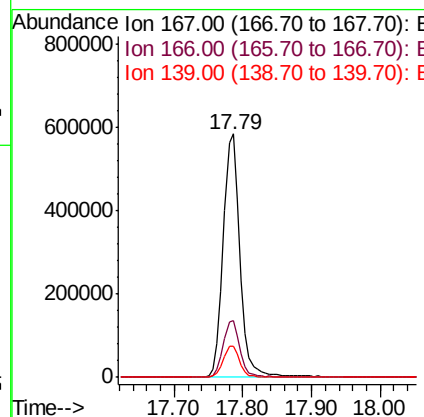
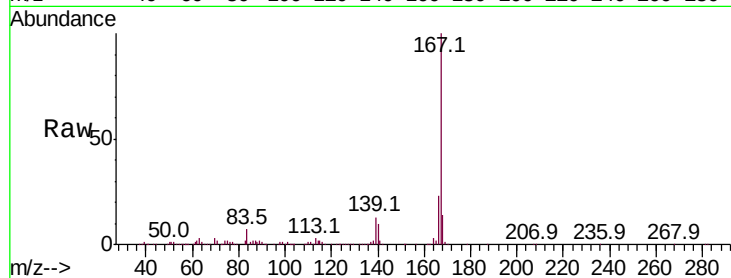




#73
 Carbazole
 Concen: 40.990 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

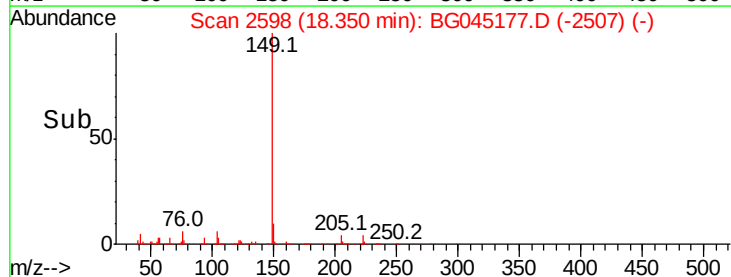
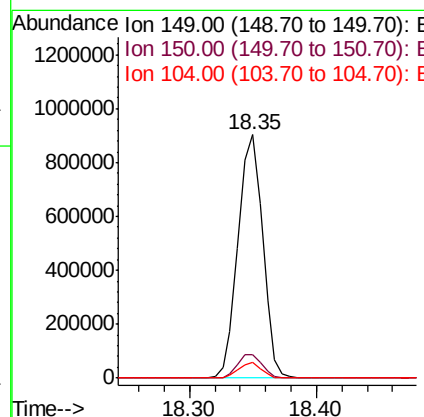
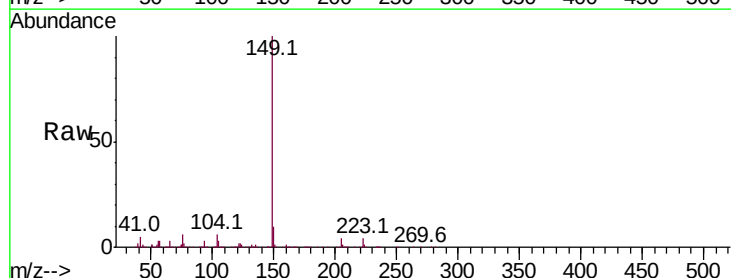
Instrument :
 BNA_G
 ClientSampleId :
 PB128472BS

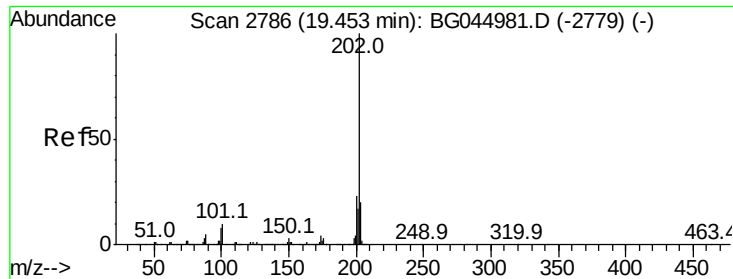
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.8	29.6
139	12.9	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 46.393 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BG045177.D
 Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.3	4.8	7.2





#75

Fluoranthene

Concen: 47.213 ng

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

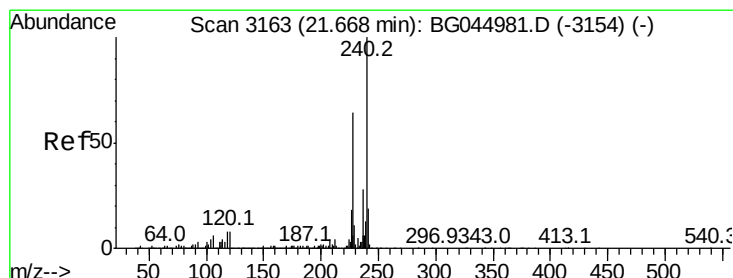
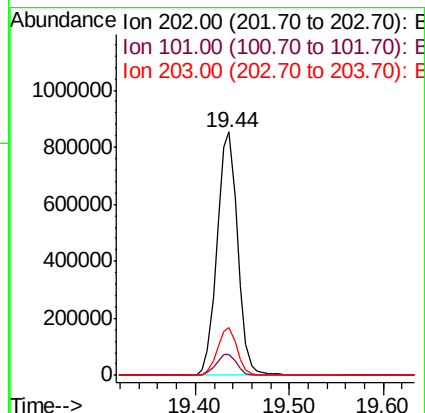
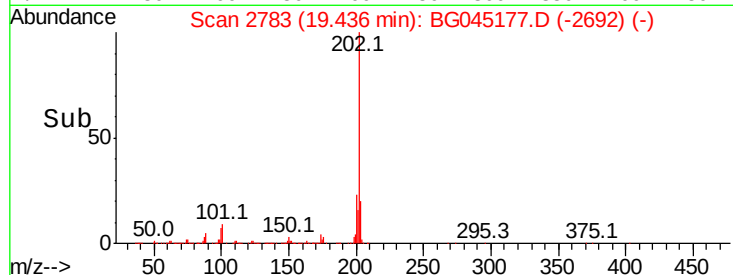
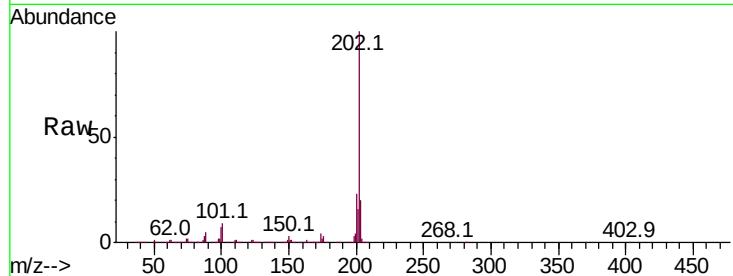
Tot Ion:202 Resp: 1308327

Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.6

203 19.5 0.0 39.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

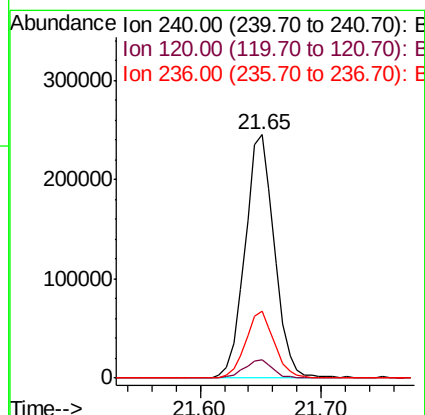
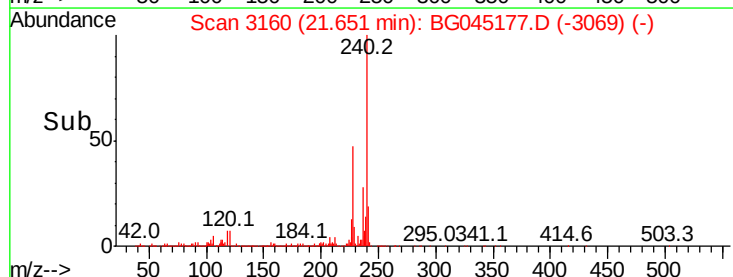
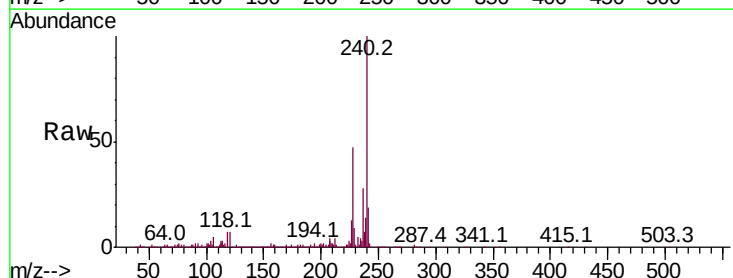
Tgt Ion:240 Resp: 417363

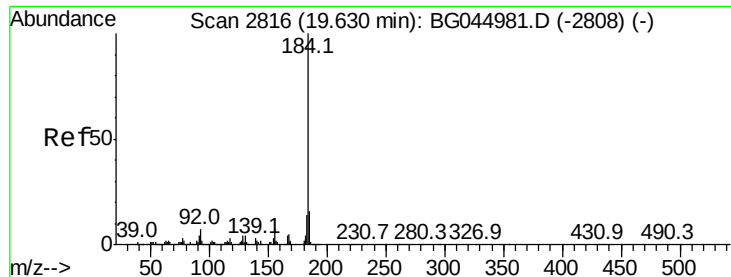
Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

236 27.7 22.2 33.2





#77

Benzidine

Concen: 52.899 ng

RT: 19.61 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

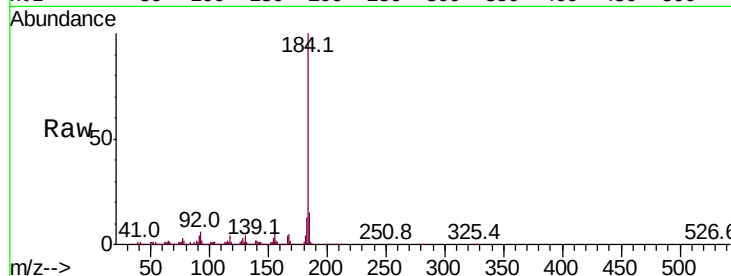
BNA_G

ClientSampleId :

PB128472BS

Tot Ion:184 Resp: 626831

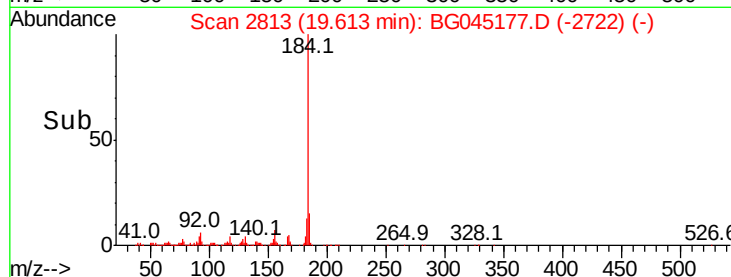
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	19.0
183	12.6	11.3	16.9



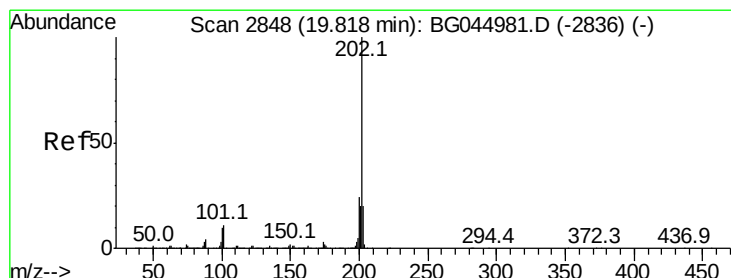
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.962 ng

RT: 19.79 min Scan# 2844

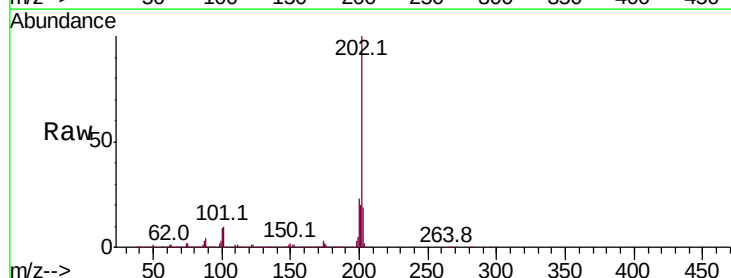
Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:202 Resp: 1293711

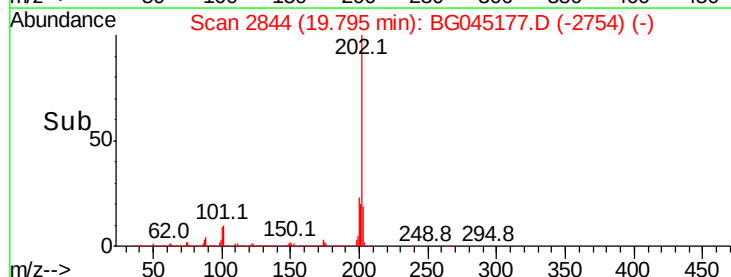
Ion	Ratio	Lower	Upper
202	100		
200	23.5	19.0	28.6
203	19.4	16.1	24.1



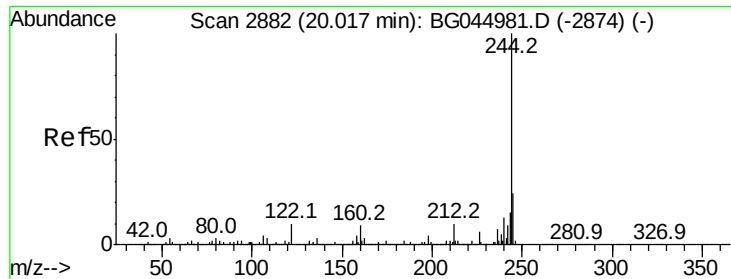
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 97.623 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

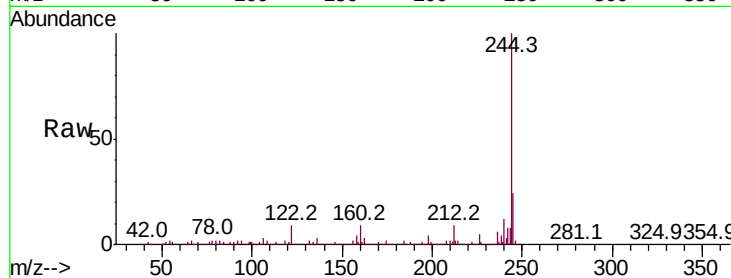
Tot Ion:244 Resp: 1869365

Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

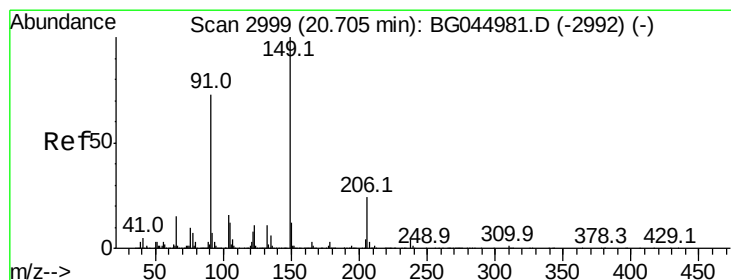
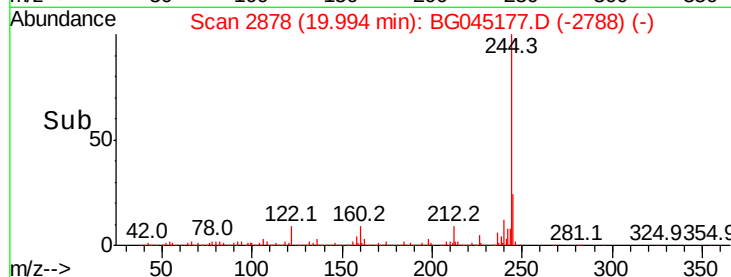
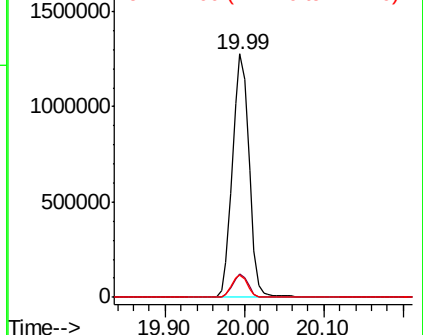
122 9.2 7.7 11.5



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: 43.934 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

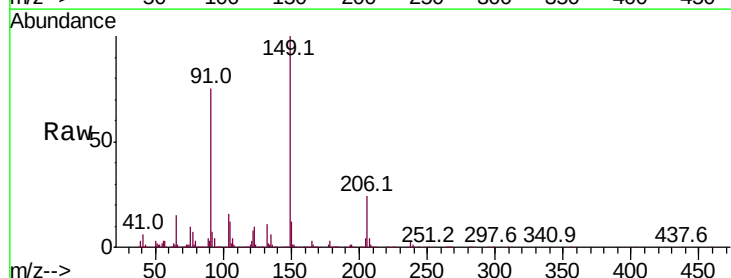
Tgt Ion:149 Resp: 523993

Ion Ratio Lower Upper

149 100

91 75.4 58.5 87.7

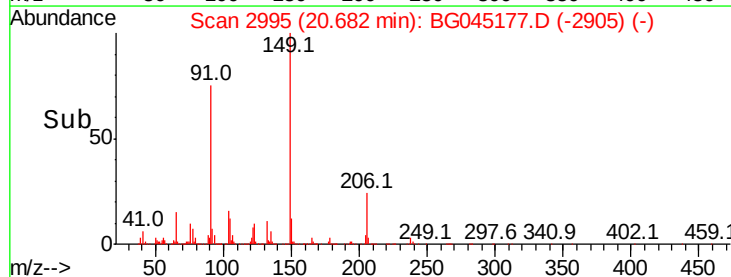
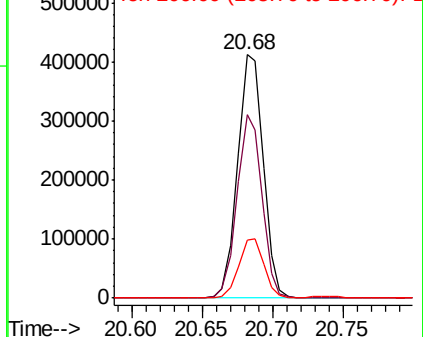
206 23.9 19.2 28.8

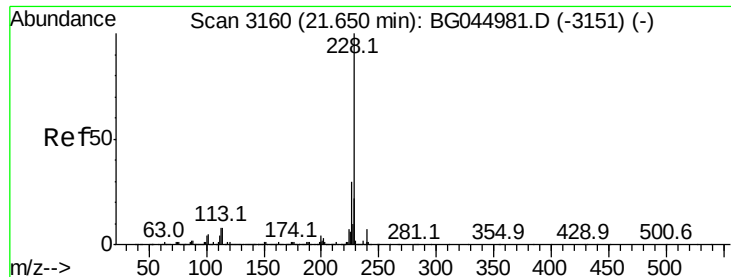


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.252 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

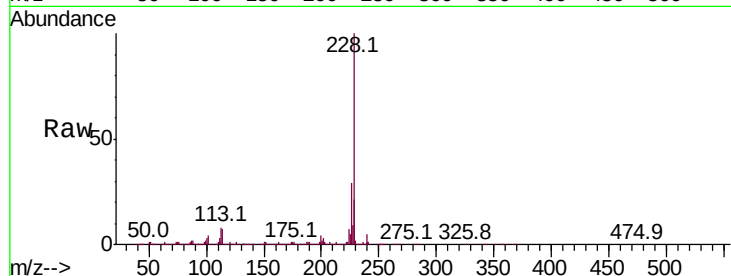
Tot Ion:228 Resp: 1197073

Ion Ratio Lower Upper

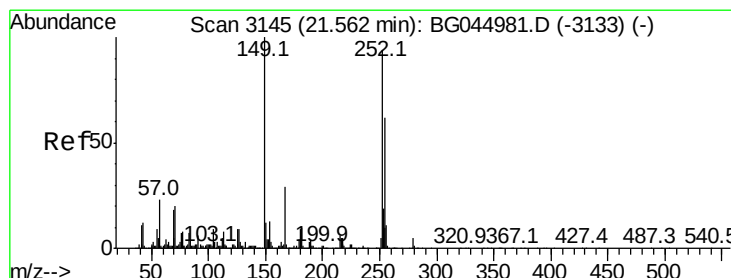
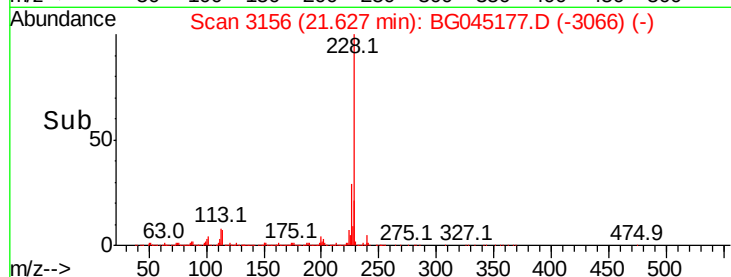
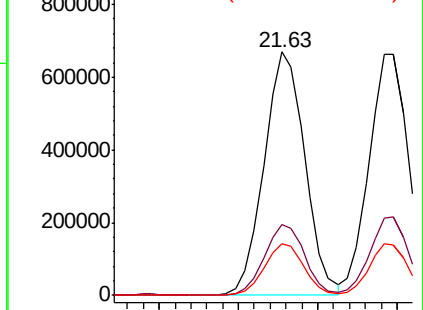
228 100

226 29.3 24.0 36.0

229 21.0 17.5 26.3



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



#82

3,3'-Dichlorobenzidine

Concen: 29.215 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

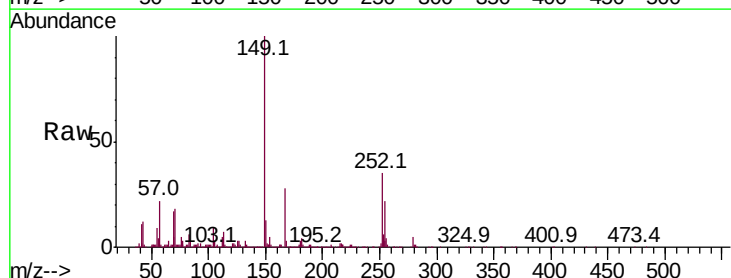
Tgt Ion:252 Resp: 314555

Ion Ratio Lower Upper

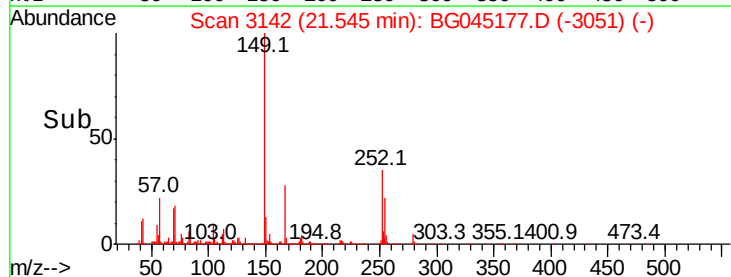
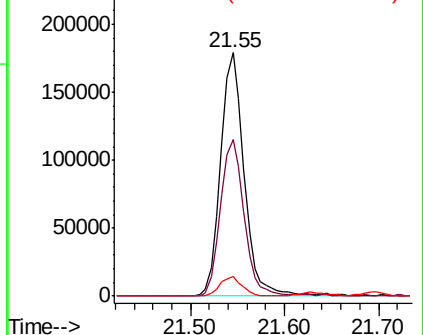
252 100

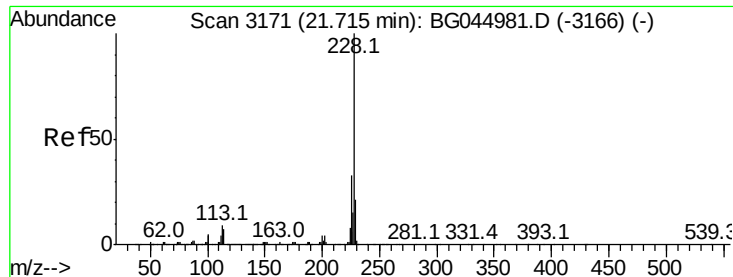
254 64.3 52.6 79.0

126 8.1 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.856 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

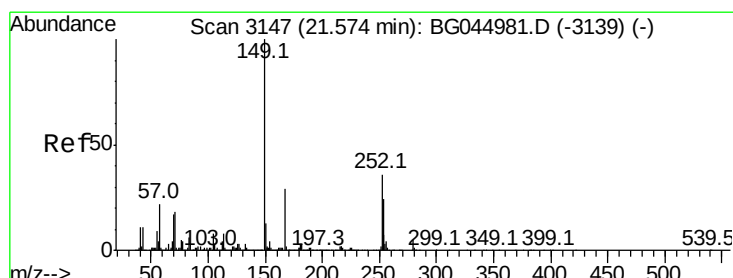
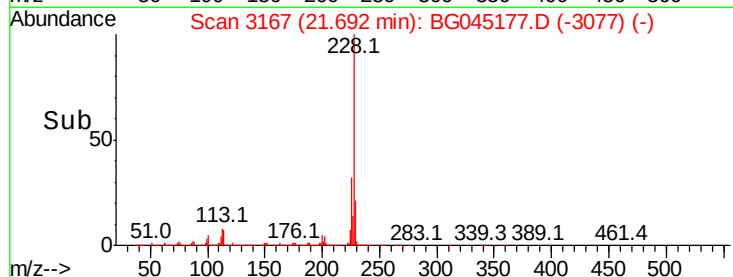
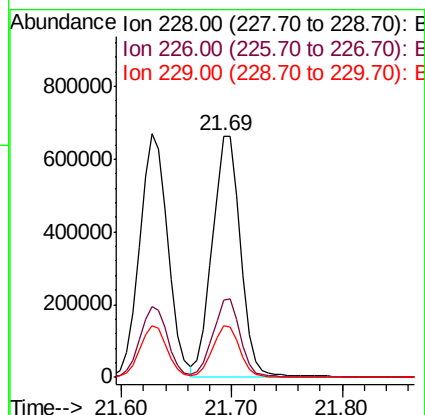
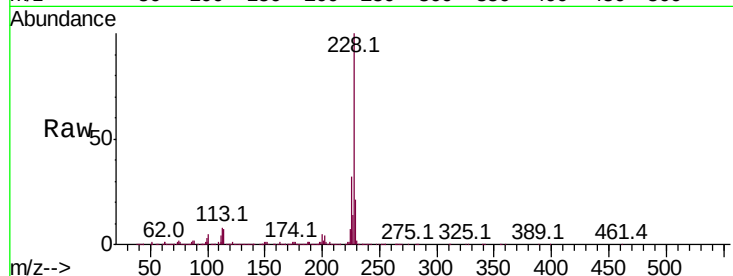
Tot Ion:228 Resp: 1165847

Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.2	39.4
229	21.5	17.0	25.6

228 100

226 31.8 26.2 39.4

229 21.5 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.481 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

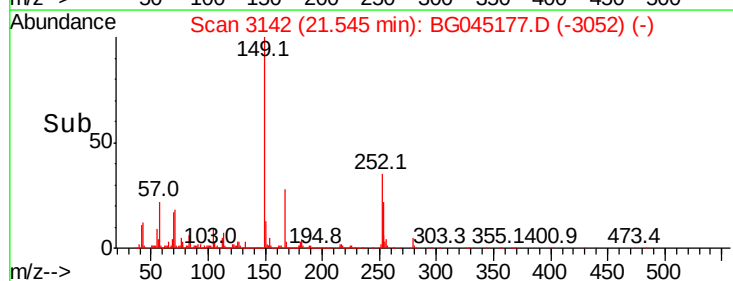
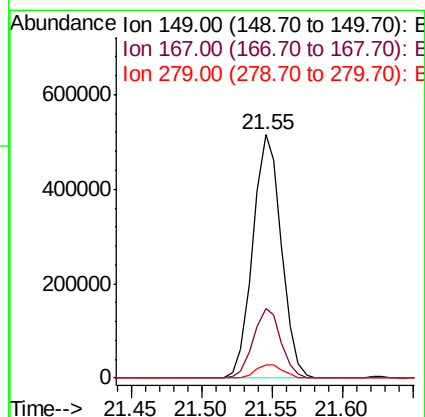
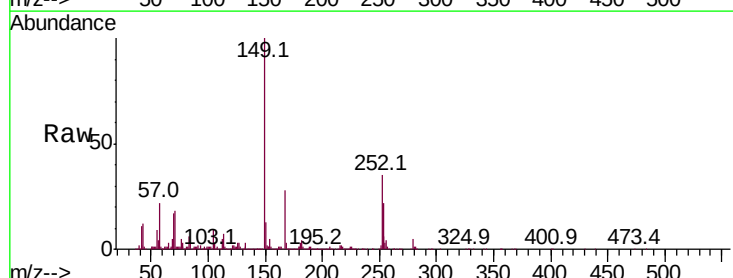
Tgt Ion:149 Resp: 729648

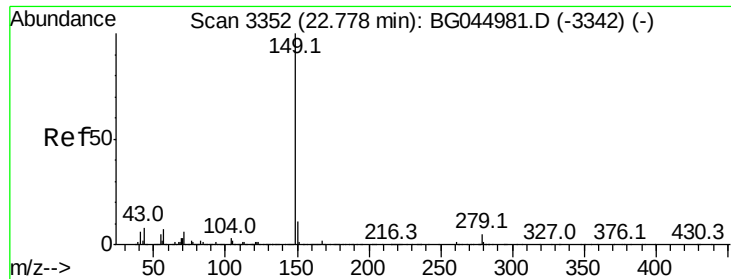
Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	5.4	4.3	6.5

149 100

167 28.5 23.4 35.0

279 5.4 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 43.754 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

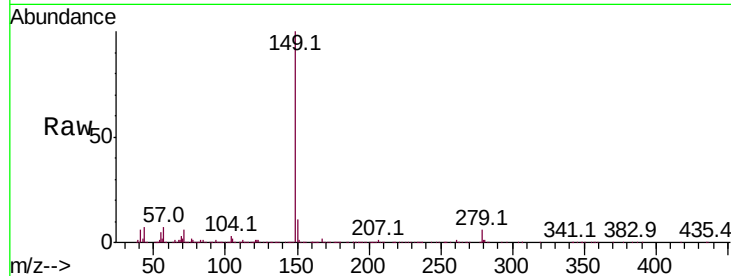
Tot Ion:149 Resp: 1241109

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

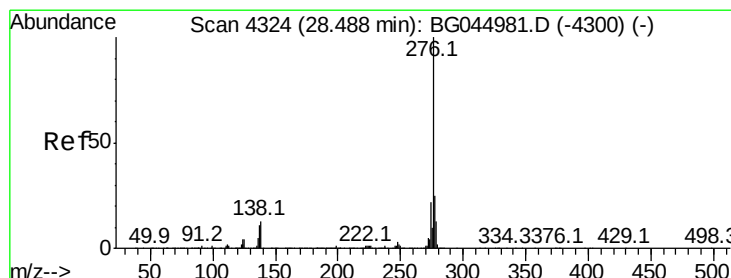
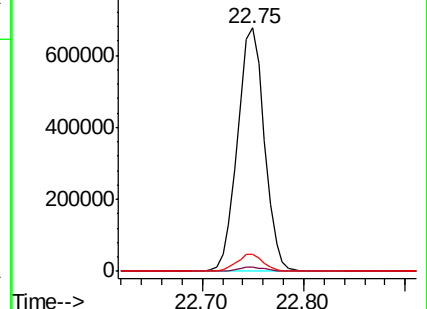
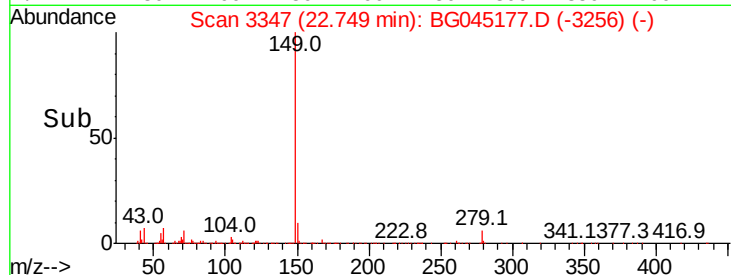
43 7.0 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.133 ng

RT: 28.44 min Scan# 4316

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

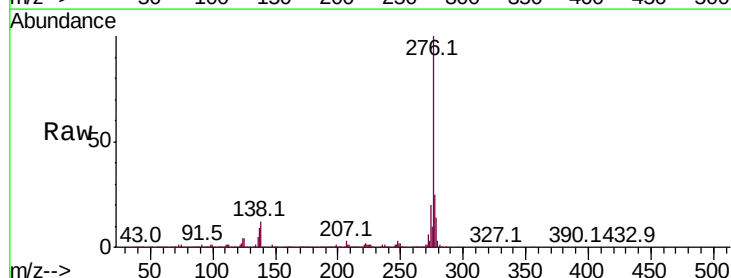
Tgt Ion:276 Resp: 1522957

Ion Ratio Lower Upper

276 100

138 7.0 9.6 14.4#

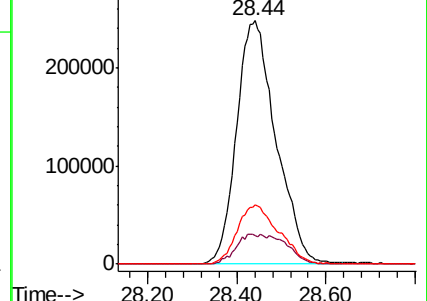
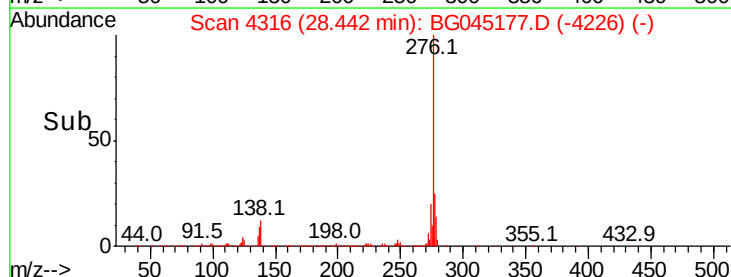
277 25.6 20.6 31.0

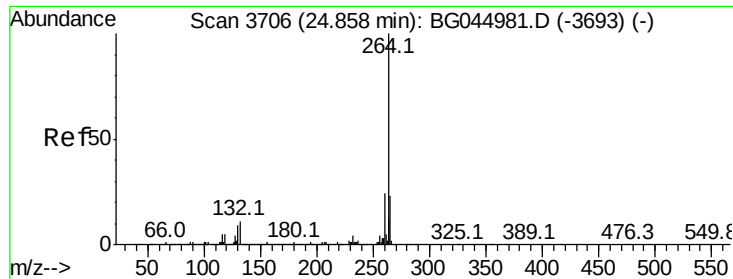


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

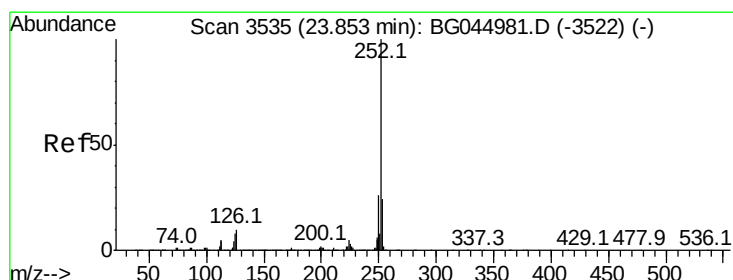
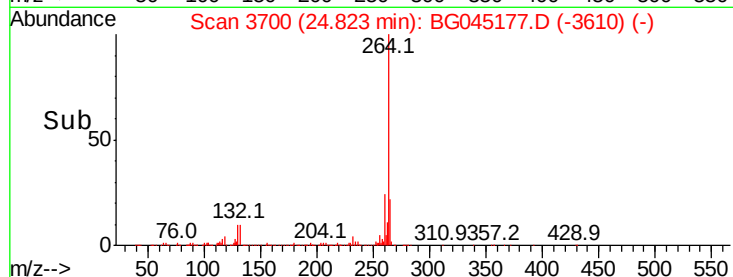
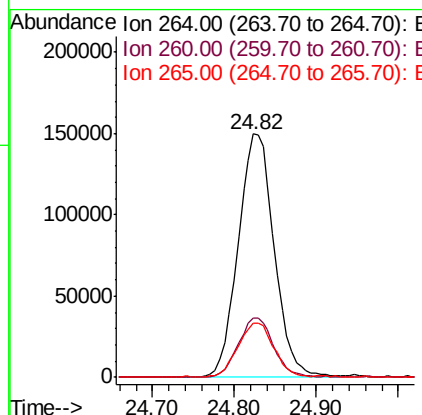
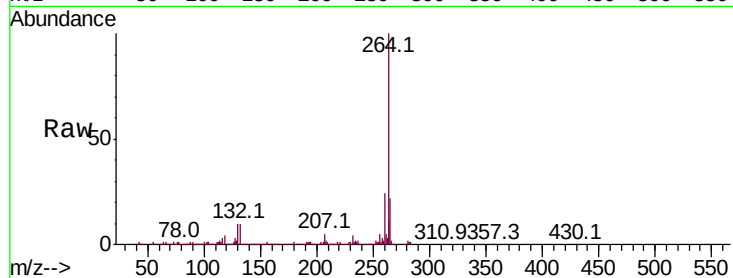




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

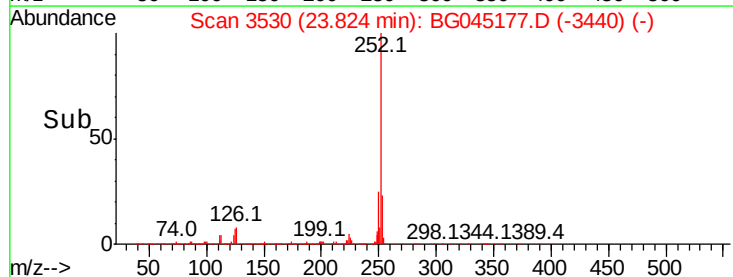
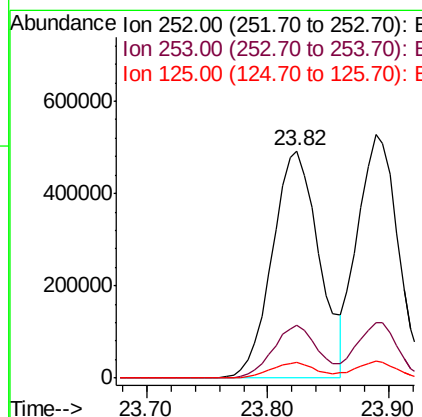
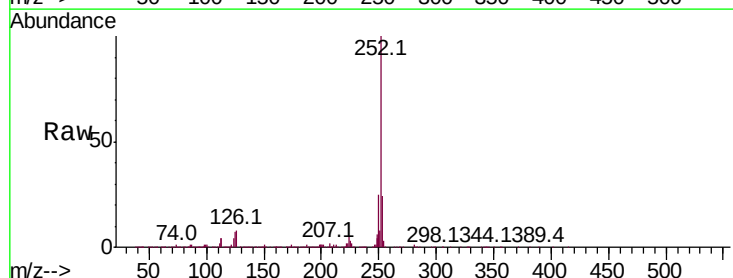
Instrument :
BNA_G
ClientSampleId :
PB128472BS

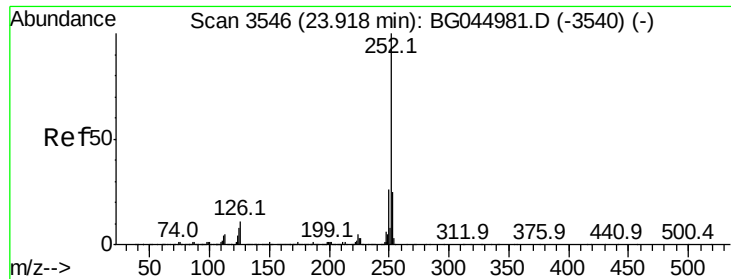
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	19.0	28.4



#88
Benzo(b)fluoranthene
Concen: 45.983 ng
RT: 23.82 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG045177.D
Acq: 27 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	7.2	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 44.932 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.00 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

BNA_G

ClientSampleId :

PB128472BS

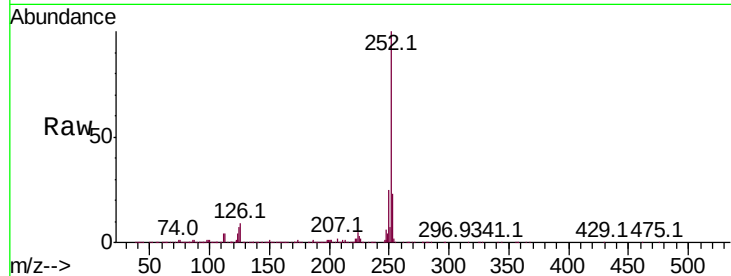
Tot Ion:252 Resp: 1225589

Ion Ratio Lower Upper

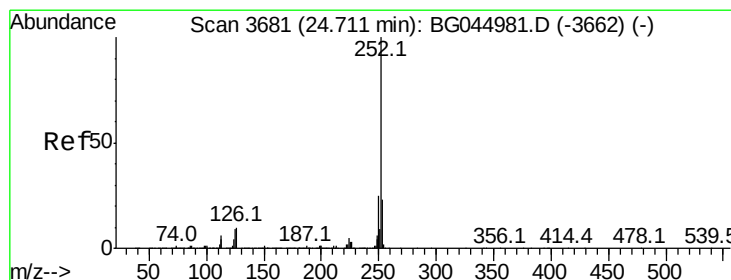
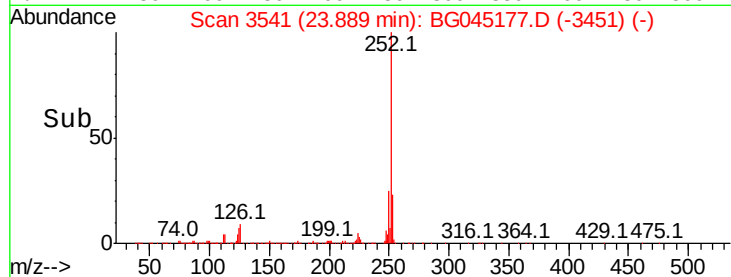
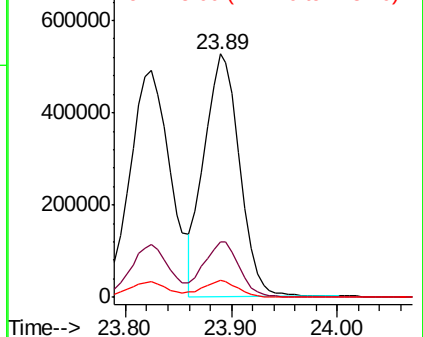
252 100

253 22.5 19.2 28.8

125 7.0 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.993 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

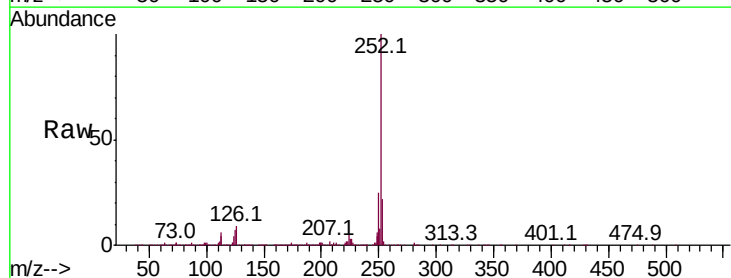
Tgt Ion:252 Resp: 1191348

Ion Ratio Lower Upper

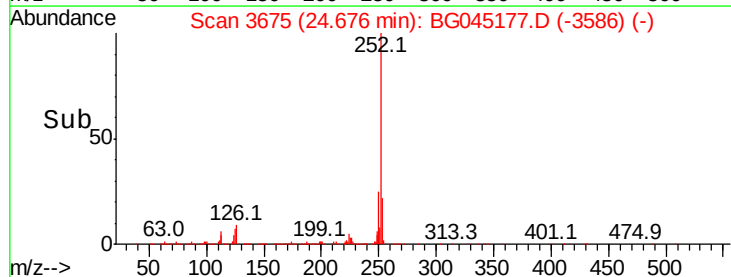
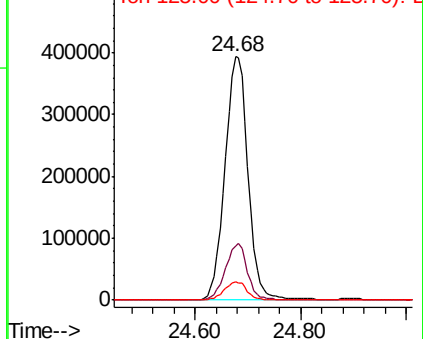
252 100

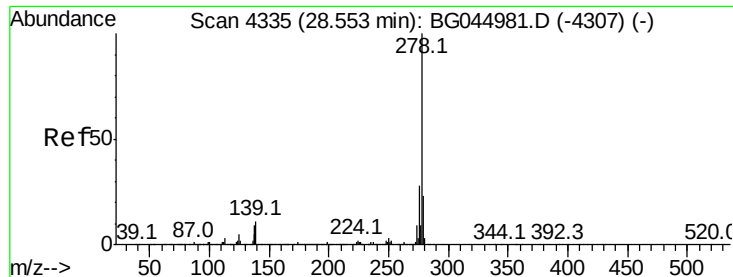
253 22.4 18.3 27.5

125 7.3 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.026 ng

RT: 28.49 min Scan# 4325

Delta R.T. -0.02 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Instrument :

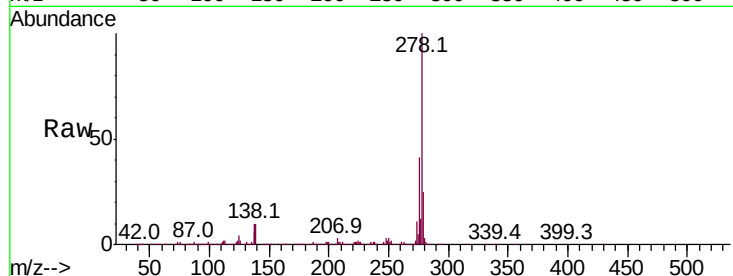
BNA_G

ClientSampleId :

PB128472BS

Tot Ion:278 Resp: 1228625

Ion	Ratio	Lower	Upper
278	100		
139	9.9	9.0	13.6
279	25.4	18.4	27.6

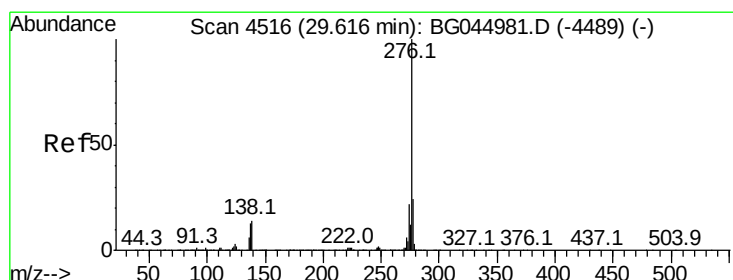
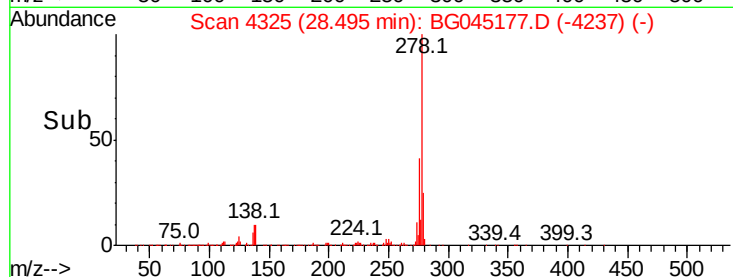
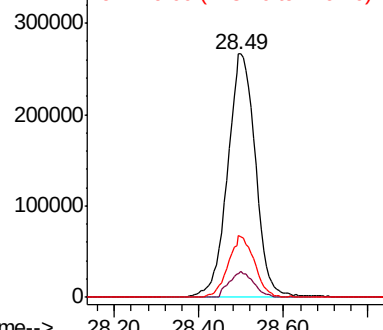


Abundance

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: 45.350 ng

RT: 29.56 min Scan# 4507

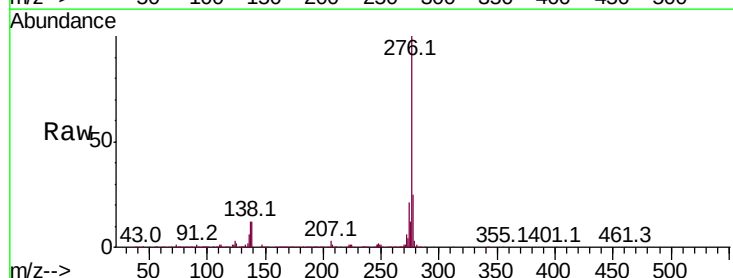
Delta R.T. -0.02 min

Lab File: BG045177.D

Acq: 27 Apr 2020 13:56

Tgt Ion:276 Resp: 1240649

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	12.1	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

