

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\
 Data File : BG045357.D
 Acq On : 13 May 2020 11:39
 Operator : CG/JU
 Sample : PB128795BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

Quant Time: May 13 12:15:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 11:40:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	58747	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	235447	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	176785	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	439239	20.00	ng	0.00
76) Chrysene-d12	21.63	240	424930	20.00	ng	0.00
87) Perylene-d12	24.79	264	470033	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	444855	125.02	ng	0.00
7) Phenol-d6	7.14	99	610239	115.43	ng	0.00
23) Nitrobenzene-d5	9.13	82	383975	74.41	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	305451	111.84	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	886923	73.56	ng	0.00
79) Terphenyl-d14	19.98	244	1661385	85.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	57032	36.064	ng	95
3) Pyridine	3.82	79	131471	27.001	ng	99
4) n-Nitrosodimethylamine	3.73	42	60700	40.695	ng	# 97
6) Aniline	7.29	93	159720	23.236	ng	100
8) 2-Chlorophenol	7.53	128	154684	40.448	ng	95
9) Benzaldehyde	7.10	77	118673	39.761	ng	98
10) Phenol	7.16	94	209963	39.687	ng	97
11) bis(2-Chloroethyl)ether	7.39	93	147004	34.900	ng	97
12) 1,3-Dichlorobenzene	7.86	146	168355	37.359	ng	97
13) 1,4-Dichlorobenzene	8.00	146	170528	37.976	ng	97
14) 1,2-Dichlorobenzene	8.33	146	159650	37.163	ng	95
15) Benzyl Alcohol	8.20	79	161827	36.508	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	136616	33.041	ng	96
17) 2-Methylphenol	8.42	107	146204	35.818	ng	92
18) Hexachloroethane	9.06	117	65694	38.917	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	128894	34.474	ng	97
20) 3+4-Methylphenols	8.74	107	195856	34.280	ng	99
22) Acetophenone	8.79	105	238910	37.523	ng	97
24) Nitrobenzene	9.17	77	194984	36.864	ng	97
25) Isophorone	9.70	82	363331	34.383	ng	99
26) 2-Nitrophenol	9.89	139	90245	39.610	ng	97
27) 2,4-Dimethylphenol	9.95	122	145619	40.281	ng	93
28) bis(2-Chloroethoxy)methane	10.18	93	201099	36.220	ng	96
29) 2,4-Dichlorophenol	10.43	162	164722	39.461	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	177494	37.556	ng	95
31) Naphthalene	10.83	128	483181	37.514	ng	98
32) Benzoic acid	10.10	122	84500	31.466	ng	99
33) 4-Chloroaniline	10.94	127	89334	14.872	ng	98
34) Hexachlorobutadiene	11.12	225	118251	36.494	ng	96
35) Caprolactam	11.69	113	32080	19.310	ng	97
36) 4-Chloro-3-methylphenol	12.07	107	191853	39.124	ng	97
37) 2-Methylnaphthalene	12.44	142	364041	36.414	ng	97
38) 1-Methylnaphthalene	12.66	142	347182	36.786	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	202312	35.543	ng	98

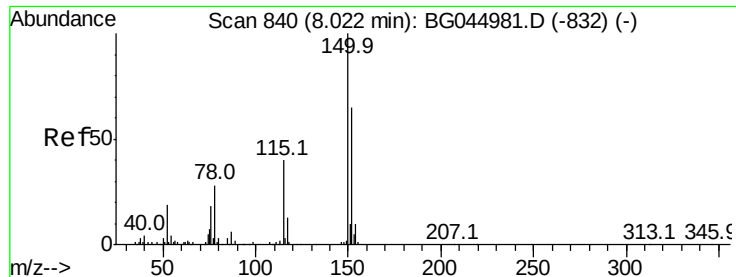
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051220\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	261107	73.394	ng	99
43) 2,4,6-Trichlorophenol	13.05	196	149615	37.244	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	162512	35.540	ng	98
46) 1,1'-Biphenyl	13.45	154	477409	35.530	ng	99
47) 2-Chloronaphthalene	13.49	162	366810	35.727	ng	98
48) 2-Nitroaniline	13.69	65	125922	37.276	ng	97
49) Acenaphthylene	14.34	152	627264	37.507	ng	99
50) Dimethylphthalate	14.07	163	523149	36.343	ng	98
51) 2,6-Dinitrotoluene	14.18	165	117946	36.633	ng	94
52) Acenaphthene	14.68	154	376429	33.268	ng	98
53) 3-Nitroaniline	14.51	138	66015	18.695	ng	93
54) 2,4-Dinitrophenol	14.72	184	148657	77.647	ng	91
55) Dibenzofuran	15.01	168	609512	36.948	ng	98
56) 4-Nitrophenol	14.84	139	208310	76.082	ng	98
57) 2,4-Dinitrotoluene	14.98	165	175525	37.304	ng	91
58) Fluorene	15.66	166	511269	37.943	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162465	39.931	ng	98
60) Diethylphthalate	15.44	149	548152	36.524	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	276226	35.615	ng	98
62) 4-Nitroaniline	15.68	138	121534	33.183	ng	97
63) Azobenzene	15.95	77	517254	37.383	ng	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	112688	39.031	ng	96
66) n-Nitrosodiphenylamine	15.87	169	463839	36.754	ng	100
67) 4-Bromophenyl-phenylether	16.55	248	195460	34.494	ng	96
68) Hexachlorobenzene	16.68	284	212889	36.225	ng	99
69) Atrazine	16.82	200	178724	38.094	ng	97
70) Pentachlorophenol	17.02	266	254655	70.635	ng	96
71) Phenanthrene	17.40	178	858363	38.029	ng	100
72) Anthracene	17.50	178	883042	39.001	ng	99
73) Carbazole	17.76	167	827698	36.024	ng	99
74) Di-n-butylphthalate	18.33	149	989769	38.727	ng	99
75) Fluoranthene	19.42	202	1102115	40.993	ng	97
77) Benzidine	19.59	184	454817	35.727	ng	98
78) Pyrene	19.78	202	1088035	37.141	ng	98
80) Butylbenzylphthalate	20.66	149	454145	37.400	ng	97
81) Benzo(a)anthracene	21.61	228	1047614	38.038	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	247259	22.556	ng	98
83) Chrysene	21.67	228	992386	37.502	ng	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	641408	38.406	ng	97
85) Di-n-octyl phthalate	22.71	149	1087804	37.666	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1346602	38.328	ng	# 97
88) Benzo(b)fluoranthene	23.79	252	1123255	38.151	ng	98
89) Benzo(k)fluoranthene	23.85	252	1090180	38.935	ng	98
90) Benzo(a)pyrene	24.64	252	1042619	37.506	ng	# 98
91) Dibenzo(a,h)anthracene	28.44	278	1095894	39.124	ng	97
92) Benzo(g,h,i)perylene	29.50	276	1111061	39.564	ng	99

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

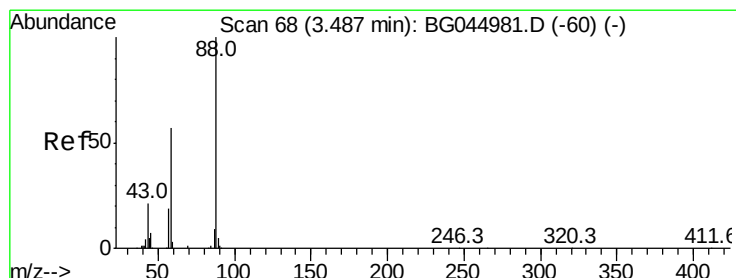
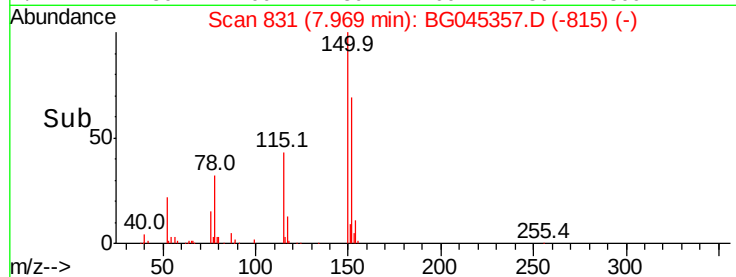
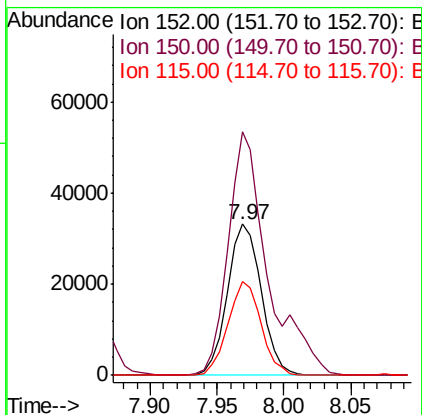
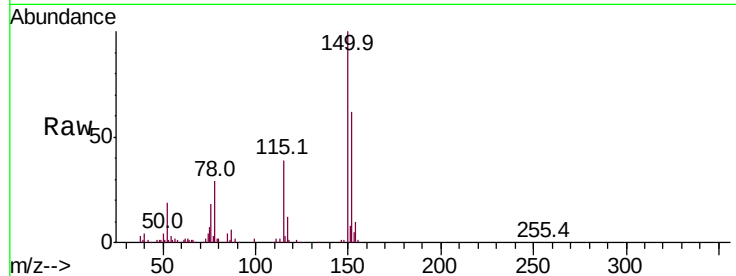


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Instrument :
BNA_G
ClientSampleId :
PB128795BS

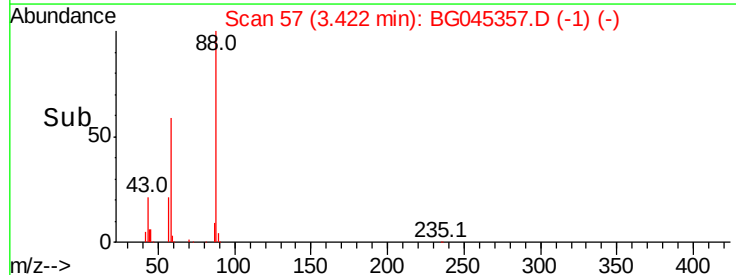
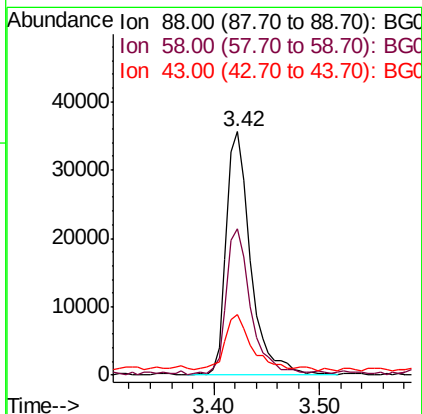
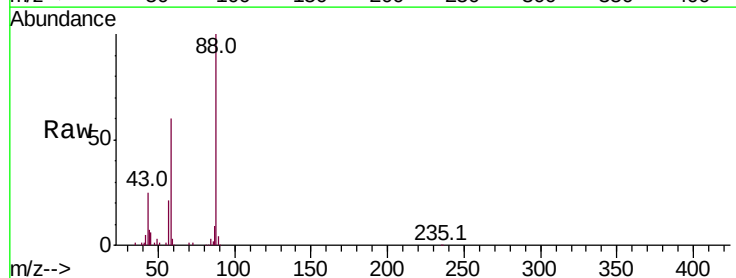
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.6	185.4
115	62.1	49.1	73.7

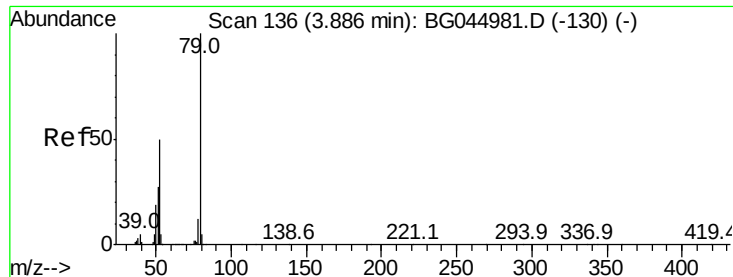


#2

1,4-Dioxane
Concen: 36.064 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	46.6	69.8
43	24.5	17.5	26.3





#3

Pvridine

Concen: 27.001 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

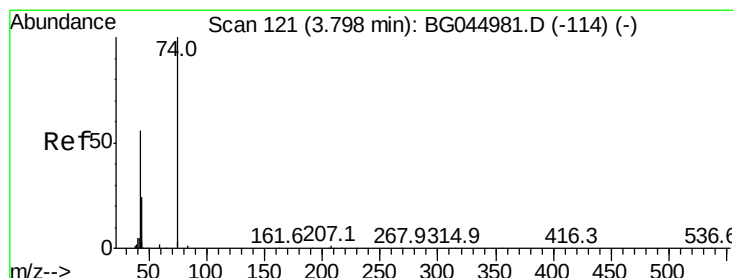
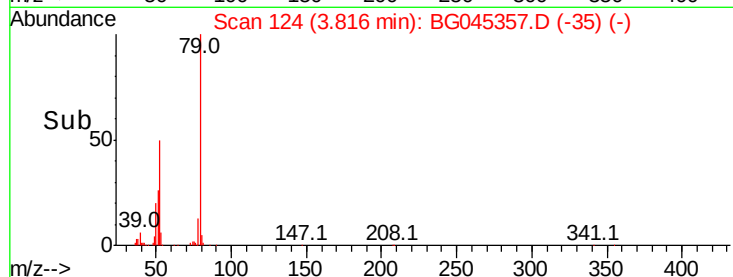
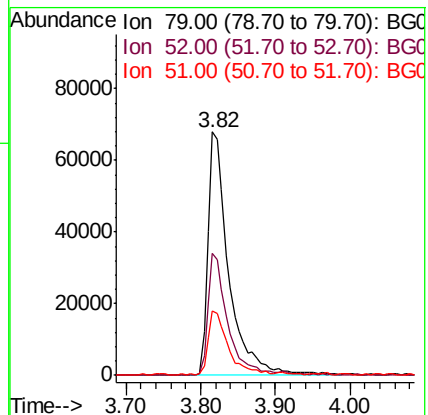
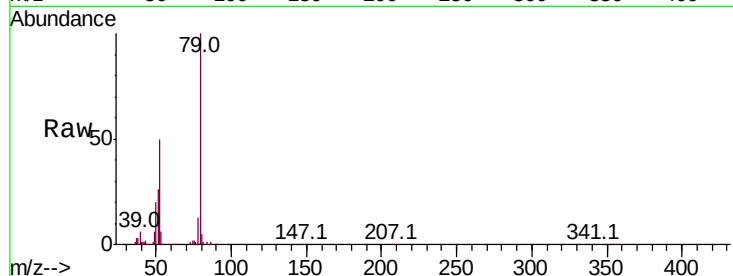
Tot Ion: 79 Resp: 131471

Ion Ratio Lower Upper

79 100

52 50.1 39.8 59.6

51 26.3 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 40.695 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

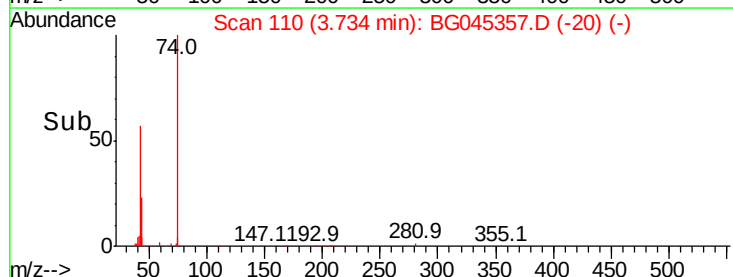
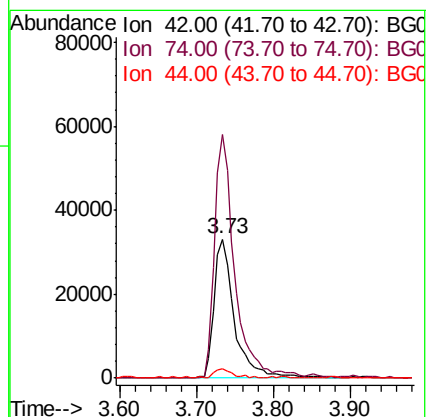
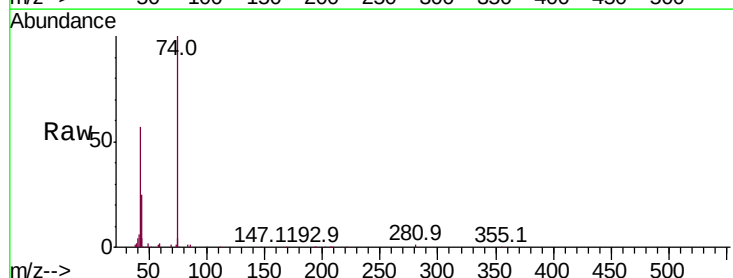
Tgt Ion: 42 Resp: 60700

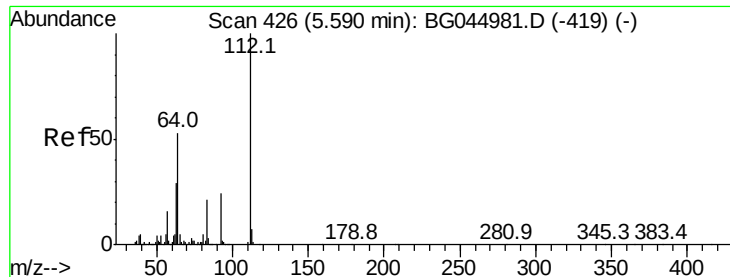
Ion Ratio Lower Upper

42 100

74 175.1 143.0 214.6

44 7.1 4.6 6.8#





#5

2-Fluorophenol

Concen: 125.016 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

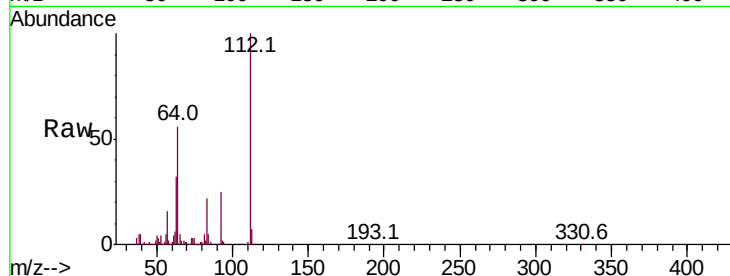
Tot Ion:112 Resp: 444855

Ion Ratio Lower Upper

112 100

64 56.1 42.4 63.6

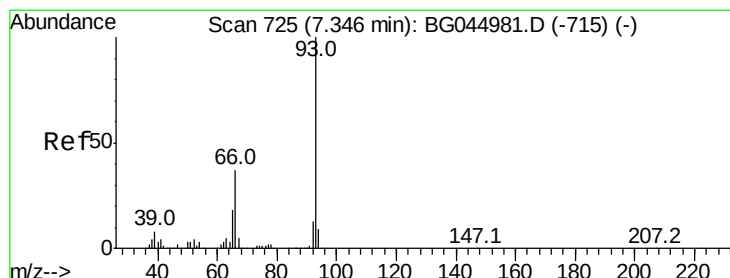
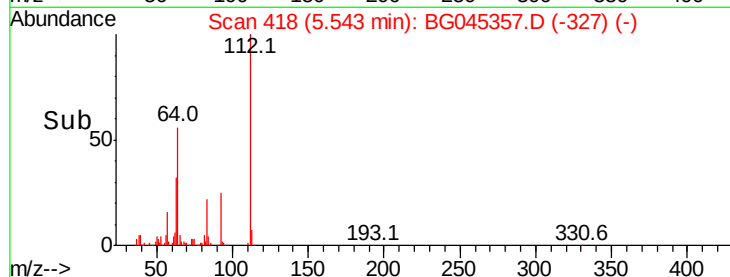
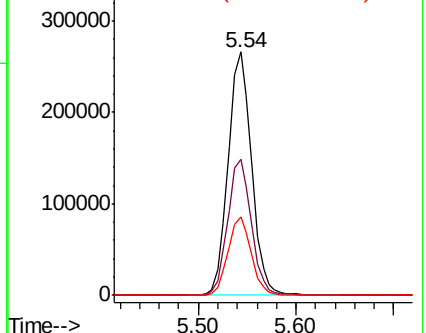
63 32.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.236 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

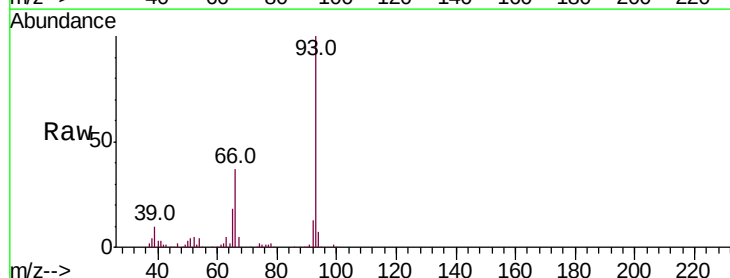
Tgt Ion: 93 Resp: 159720

Ion Ratio Lower Upper

93 100

66 37.3 29.8 44.8

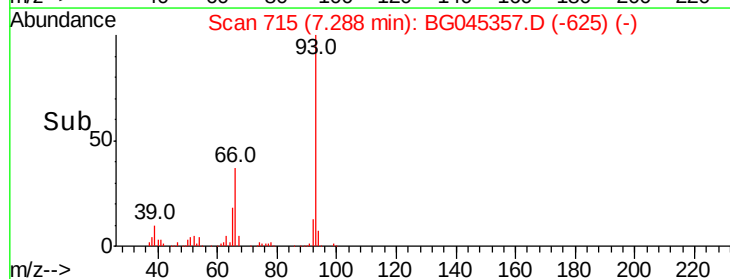
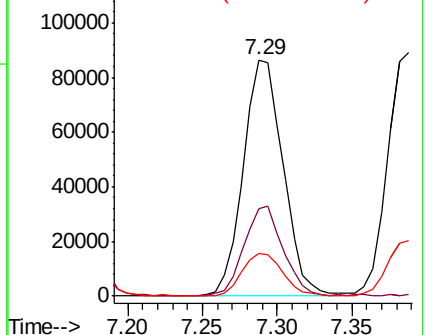
65 18.0 14.6 22.0

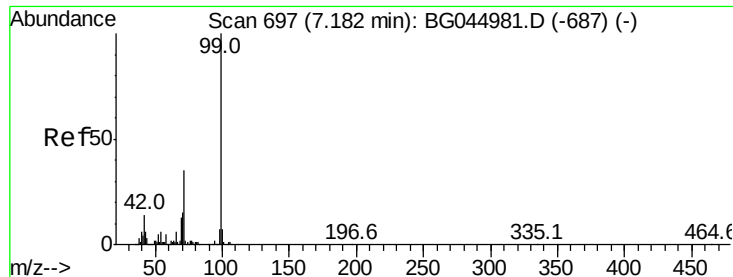


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.425 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

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ClientSampleId :

PB128795BS

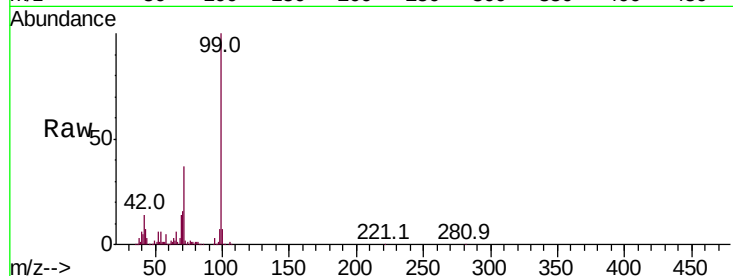
Tot Ion: 99 Resp: 610239

Ion Ratio Lower Upper

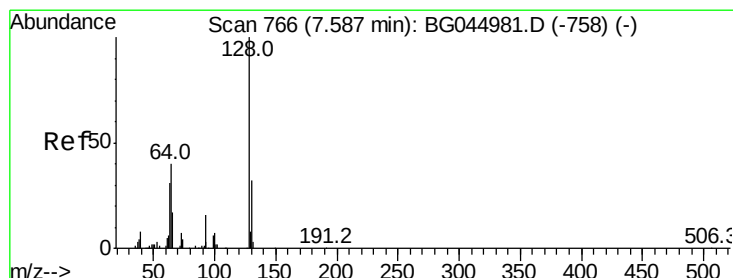
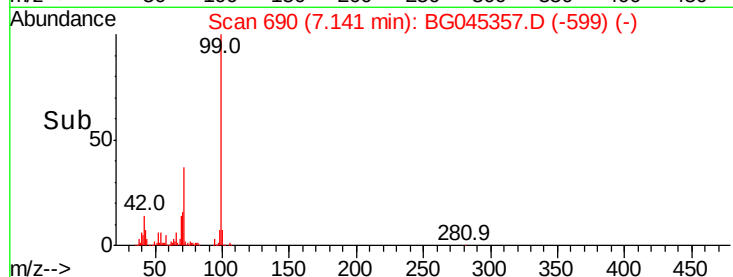
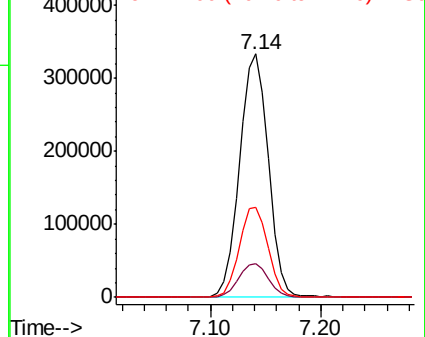
99 100

42 13.8 11.3 16.9

71 37.0 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: 40.448 ng

RT: 7.53 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

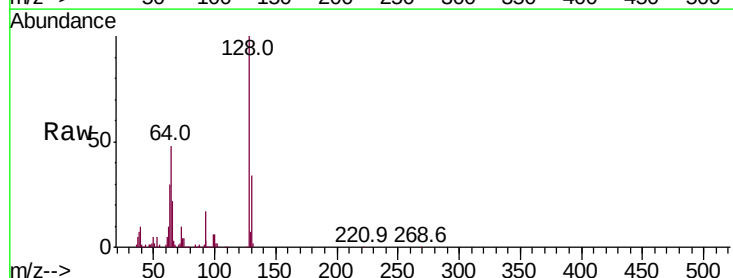
Tgt Ion: 128 Resp: 154684

Ion Ratio Lower Upper

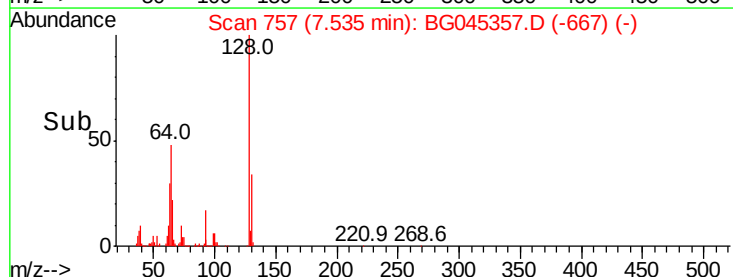
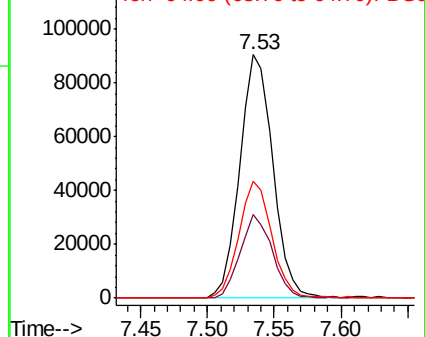
128 100

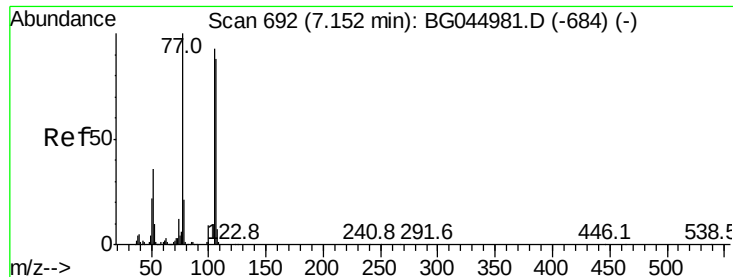
130 34.4 12.3 52.3

64 48.1 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: 39.761 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

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PB128795BS

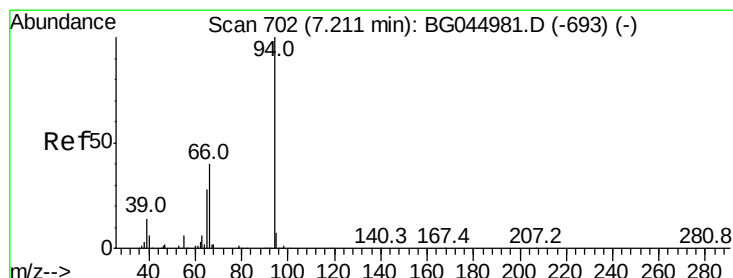
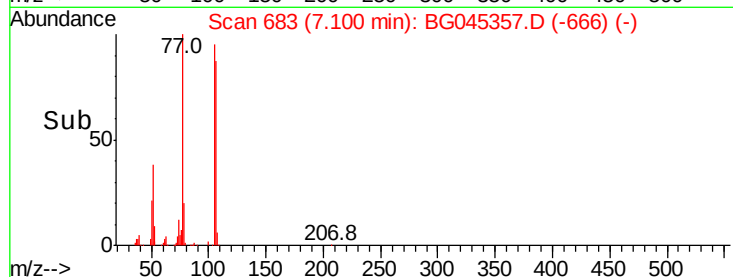
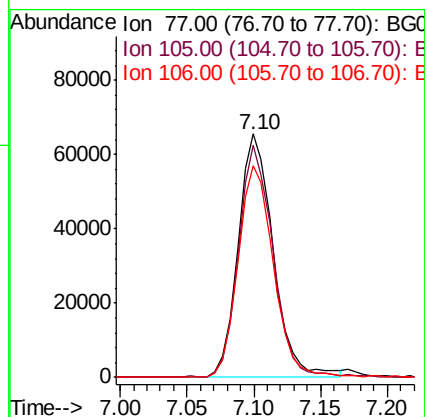
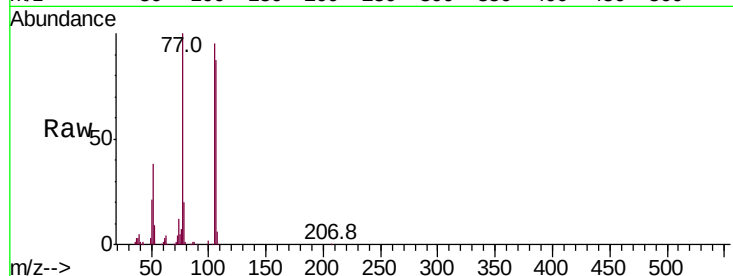
Tot Ion: 77 Resp: 118673

Ion Ratio Lower Upper

77 100

105 95.3 72.9 112.9

106 86.7 67.6 107.6



#10

Phenol

Concen: 39.687 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

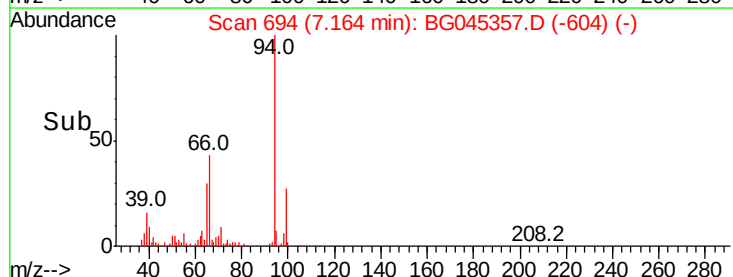
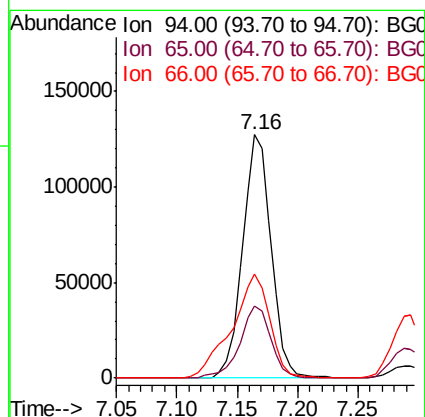
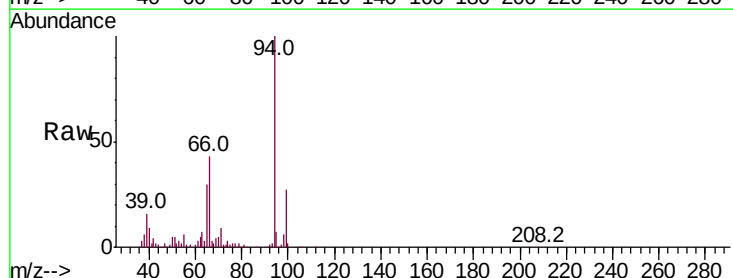
Tgt Ion: 94 Resp: 209963

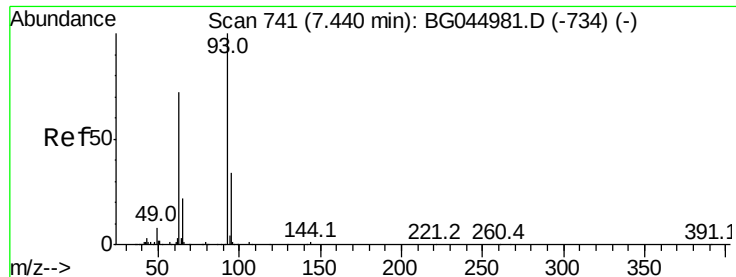
Ion Ratio Lower Upper

94 100

65 29.8 8.2 48.2

66 42.5 20.4 60.4

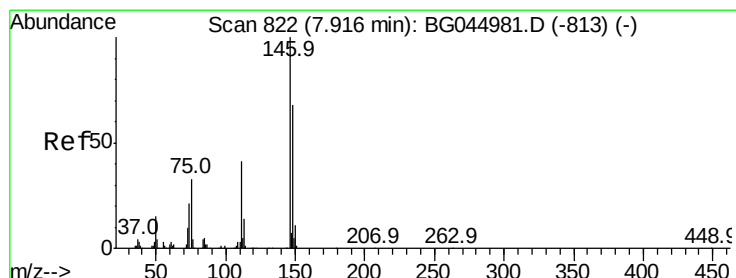
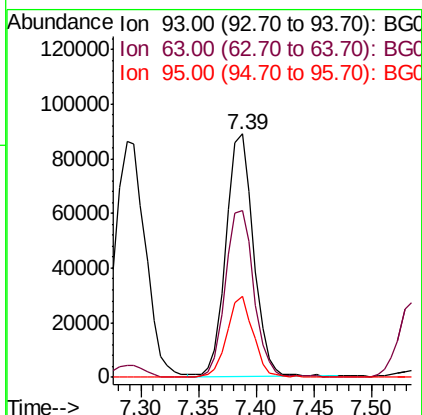
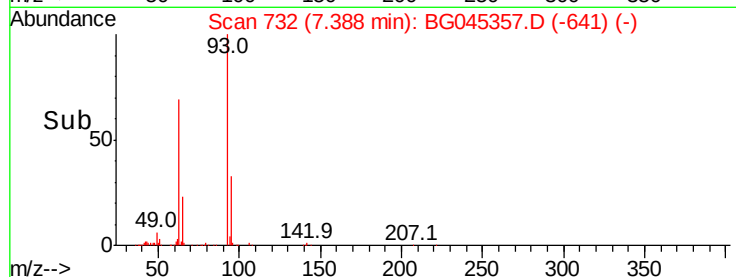
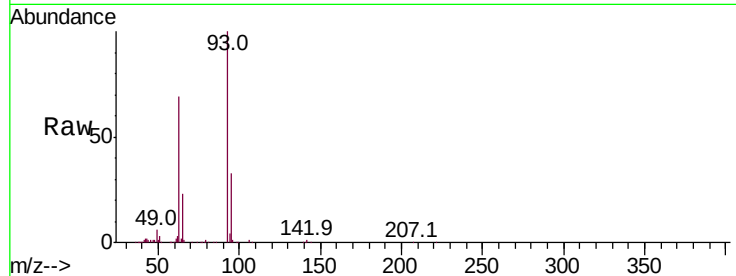




#11
bis(2-Chloroethyl)ether
Concen: 34.900 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

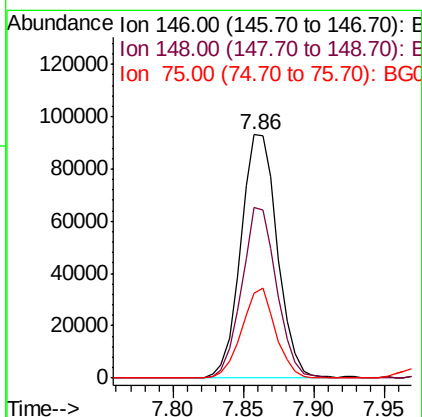
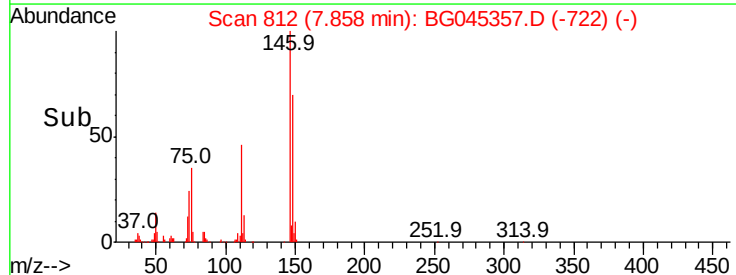
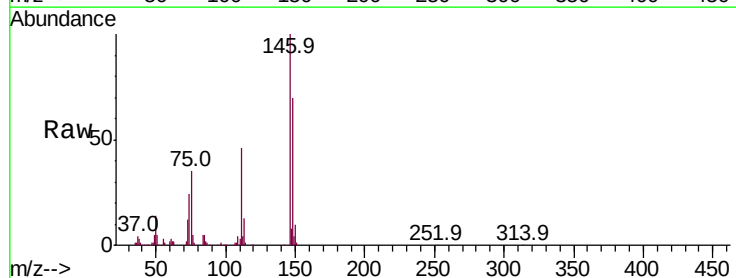
Instrument :
BNA_G
ClientSampleId :
PB128795BS

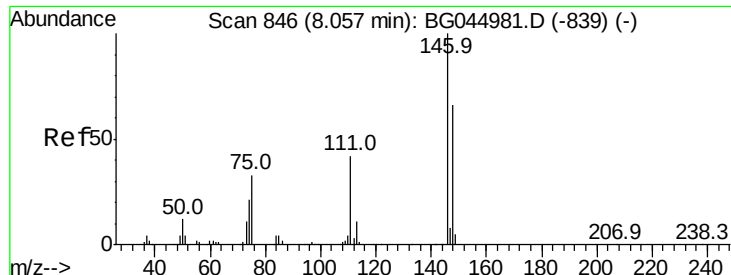
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.6	51.8	91.8
95	33.2	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 37.359 ng
RT: 7.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.0	54.6	81.8
75	34.8	26.0	39.0

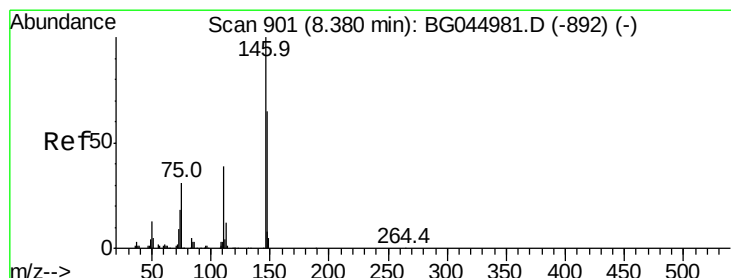
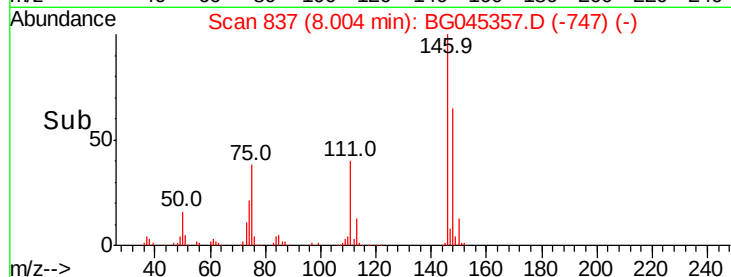
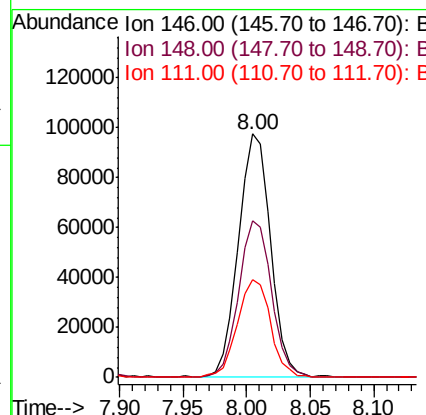
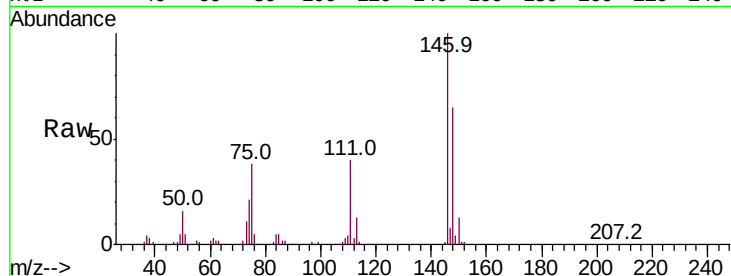




#13
 1,4-Dichlorobenzene
 Concen: 37.976 ng
 RT: 8.00 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

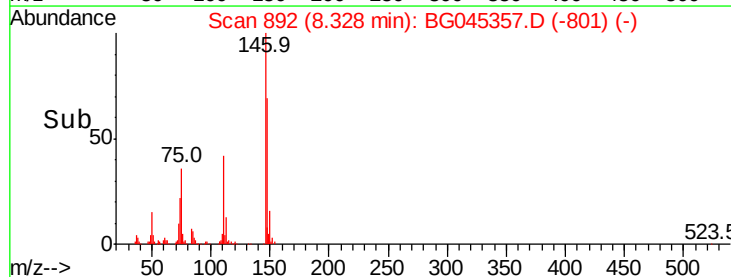
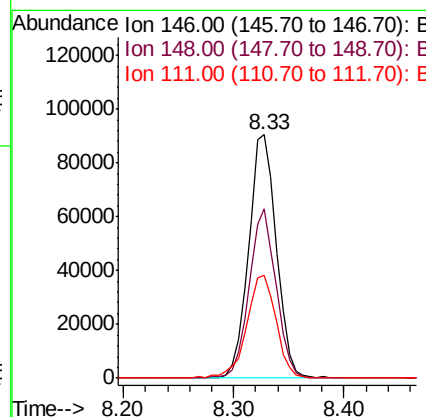
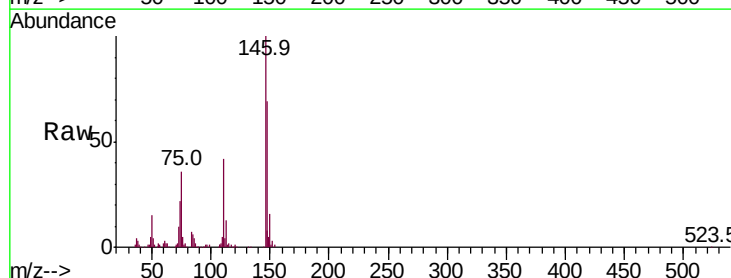
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

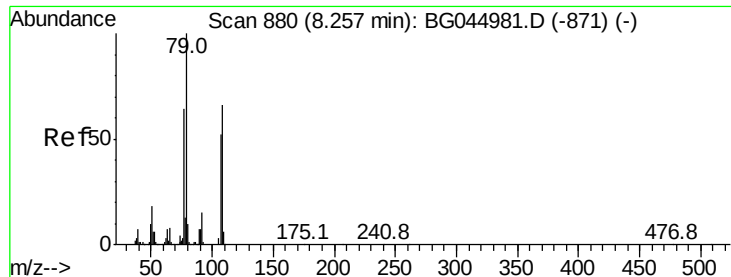
Tot Ion:146 Resp: 170528
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.3 79.9
 111 39.9 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 37.163 ng
 RT: 8.33 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion:146 Resp: 159650
 Ion Ratio Lower Upper
 146 100
 148 69.3 51.9 77.9
 111 42.0 31.3 46.9





#15

Benzyl Alcohol

Concen: 36.508 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

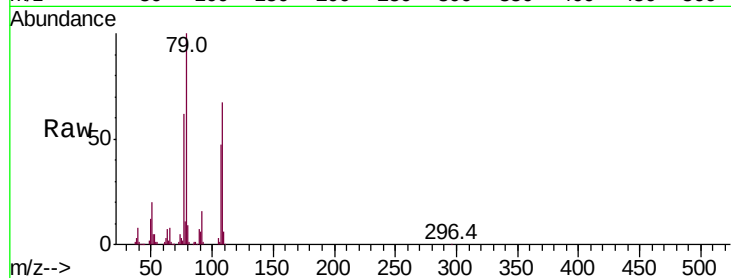
Tot Ion: 79 Resp: 161827

Ion Ratio Lower Upper

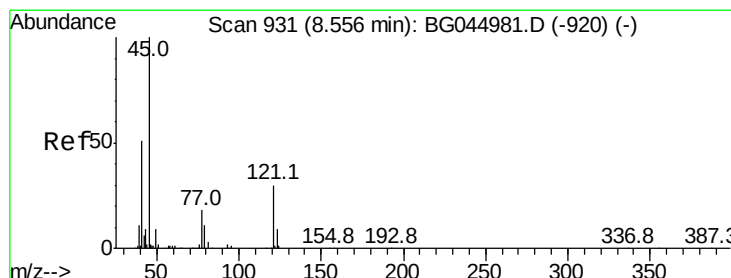
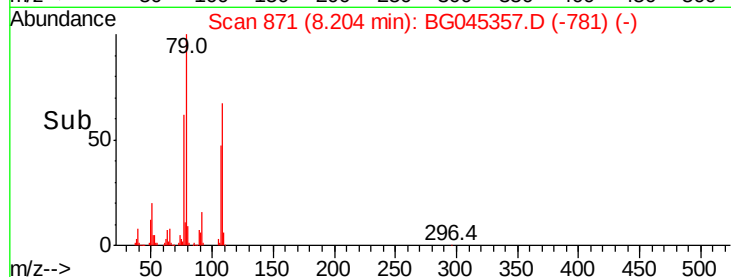
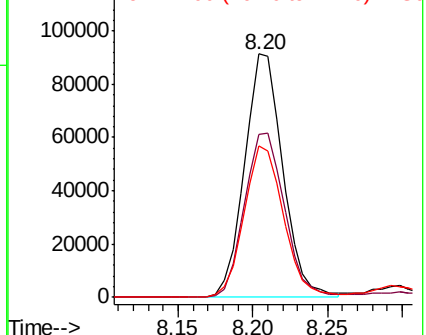
79 100

108 66.8 52.7 79.1

77 62.0 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.041 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

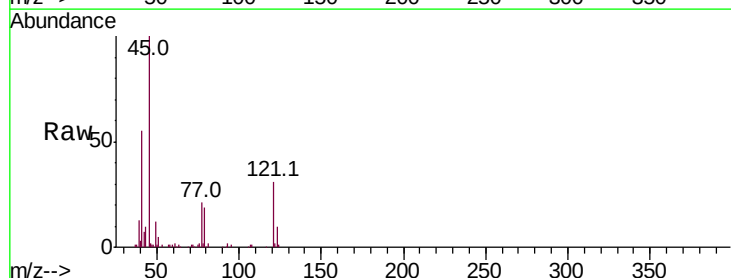
Tgt Ion: 45 Resp: 136616

Ion Ratio Lower Upper

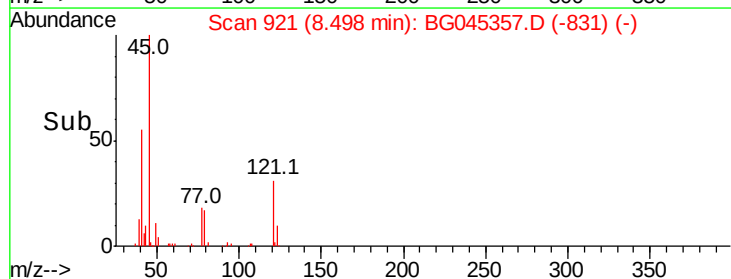
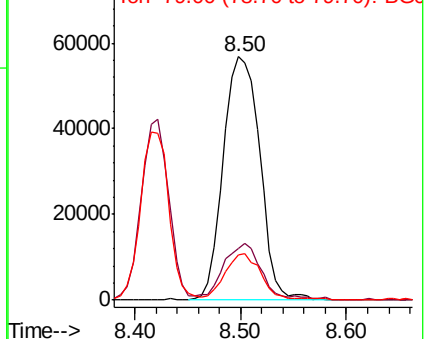
45 100

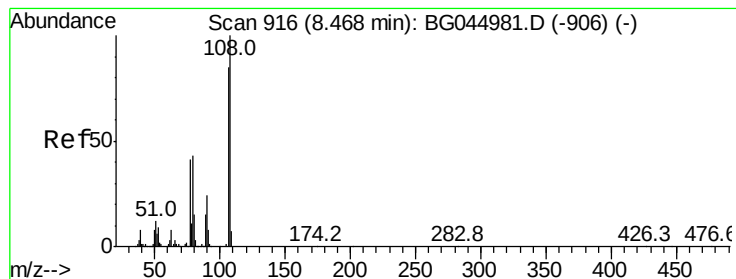
77 21.3 1.9 41.9

79 18.8 0.0 35.5



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





#17

2-Methylphenol

Concen: 35.818 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

Tot Ion:107 Resp: 146204

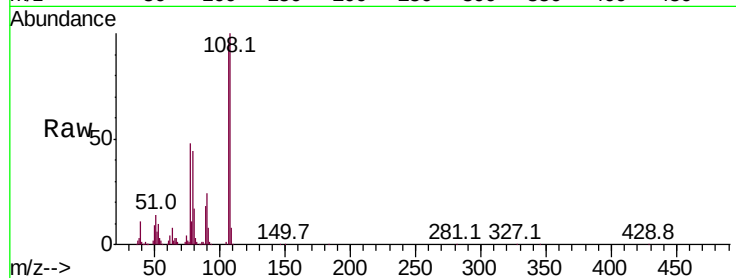
Ion Ratio Lower Upper

107 100

108 104.7 93.8 140.6

77 49.9 38.5 57.7

79 46.1 40.1 60.1

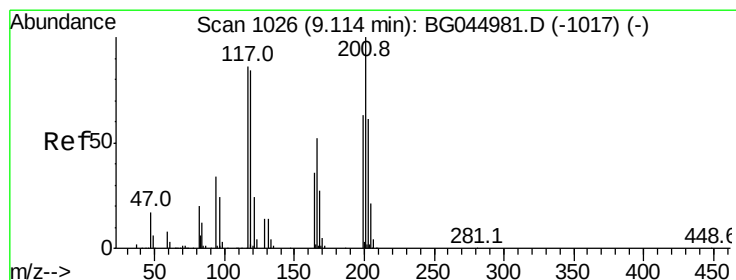
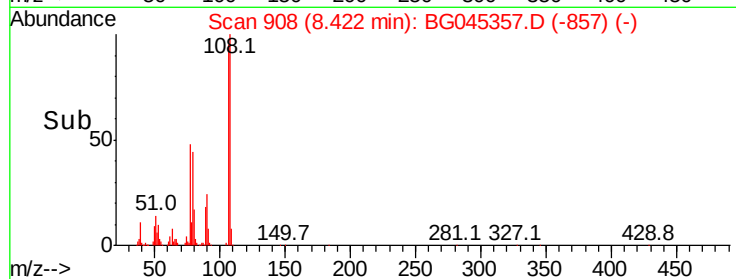
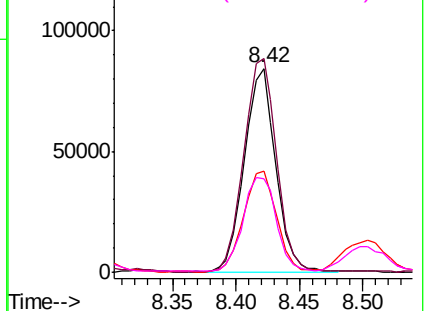


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 38.917 ng

RT: 9.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

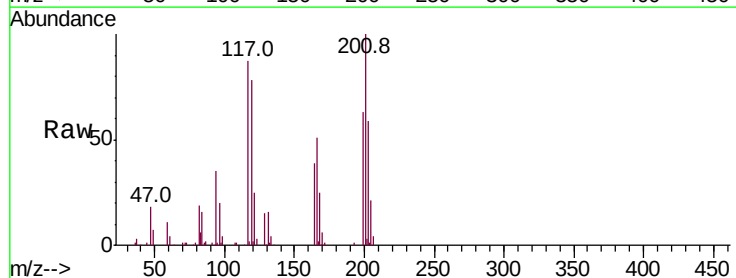
Tgt Ion:117 Resp: 65694

Ion Ratio Lower Upper

117 100

119 90.6 78.3 117.5

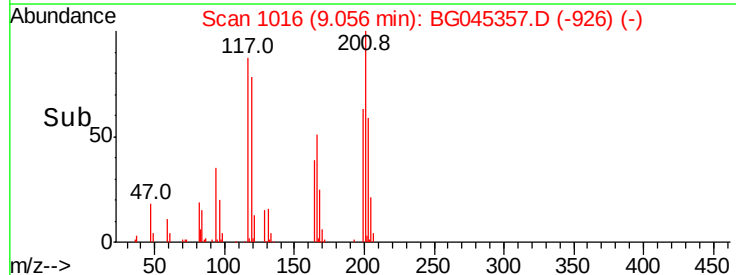
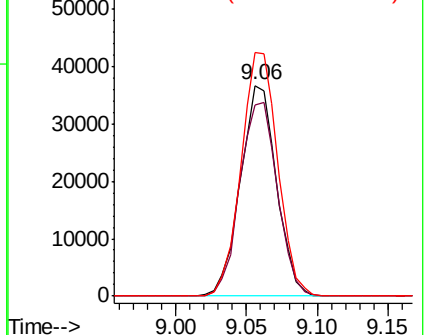
201 115.4 92.9 139.3

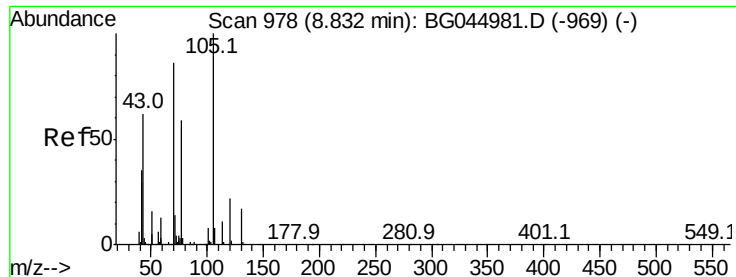


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

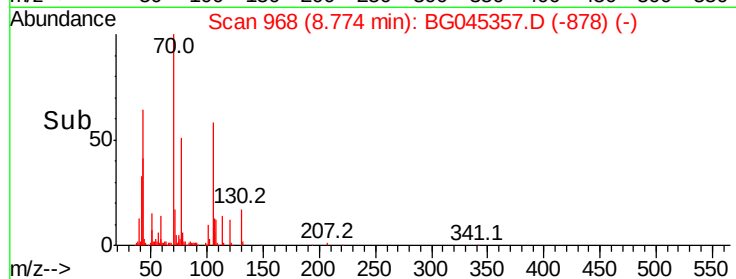
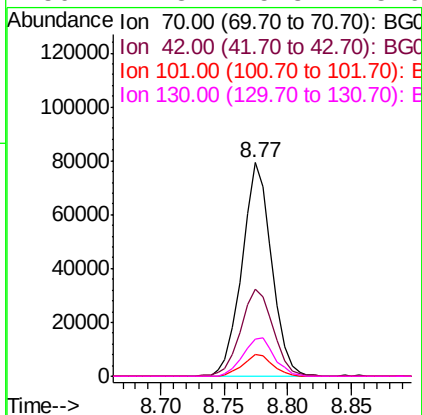
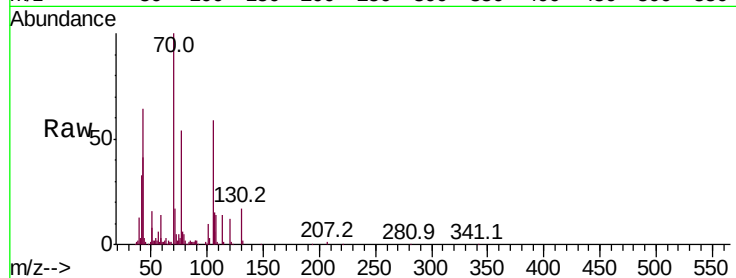




#19
n-Nitroso-di-n-propylamine
Concen: 34.474 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

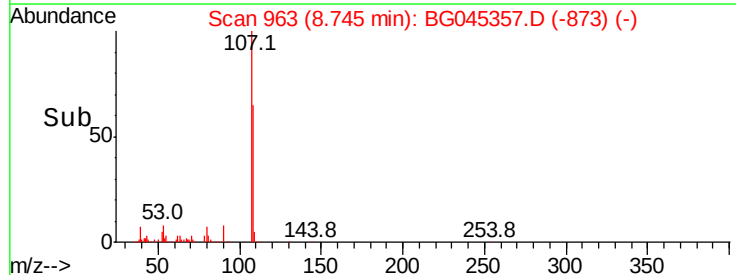
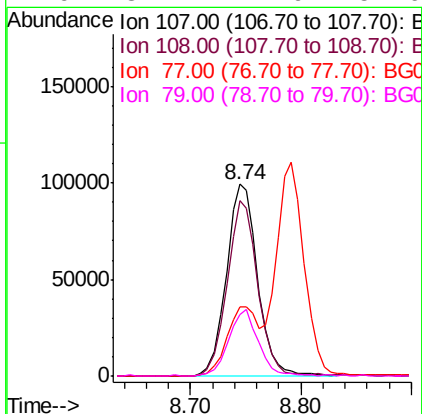
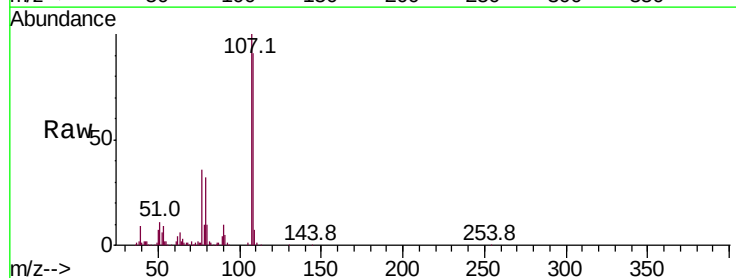
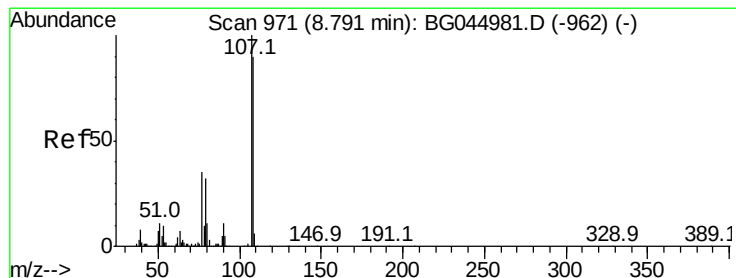
Instrument :
BNA_G
ClientSampleId :
PB128795BS

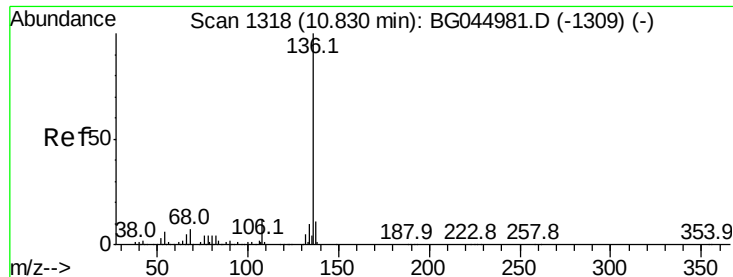
Tot Ion:	70	Resp:	128894
Ion	Ratio	Lower	Upper
70	100		
42	40.7	33.3	49.9
101	10.4	7.8	11.8
130	17.3	15.8	23.6



#20
3+4-Methylphenols
Concen: 34.280 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion:	107	Resp:	195856
Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.9	109.9
77	36.1	15.2	55.2
79	32.1	11.6	51.6

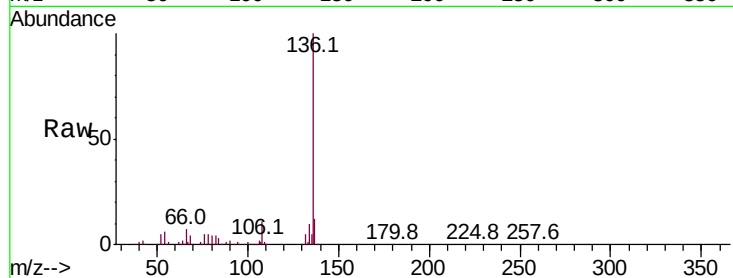




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Instrument :
BNA_G
ClientSampleId :
PB128795BS

Tot Ion:	136	Resp:	235447
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	13.0
54	6.0	4.8	7.2
68	4.4	5.2	7.8#



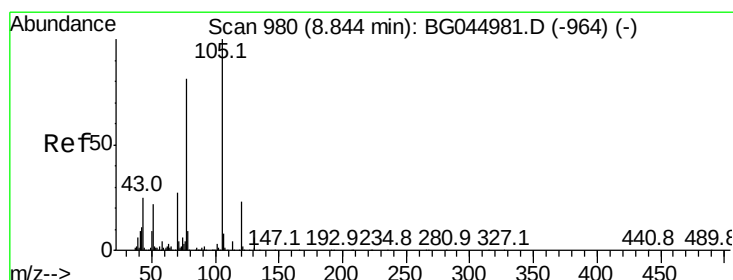
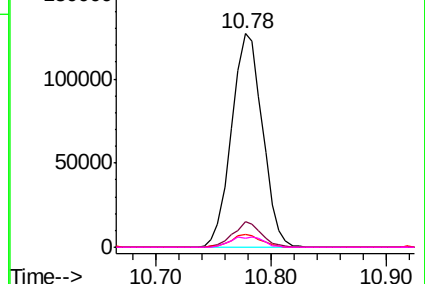
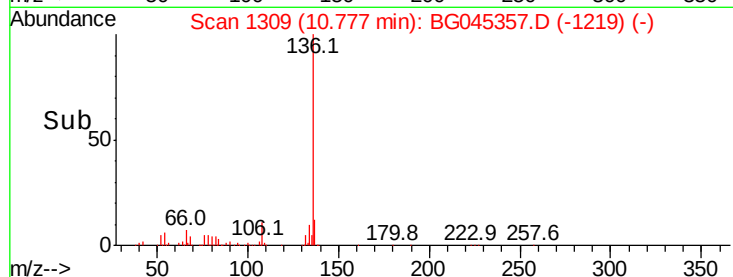
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

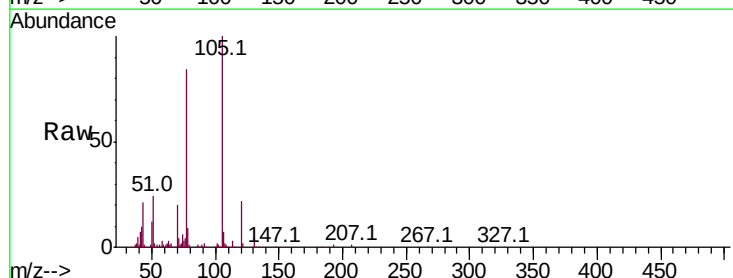
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.523 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion:	105	Resp:	238910
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.3	4.9
51	23.8	17.3	25.9
120	22.3	18.4	27.6



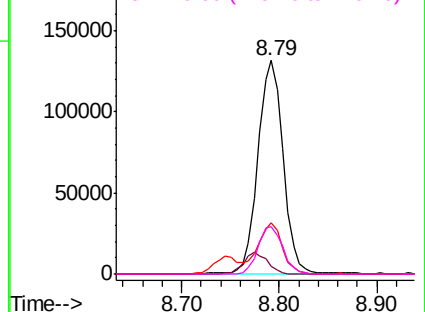
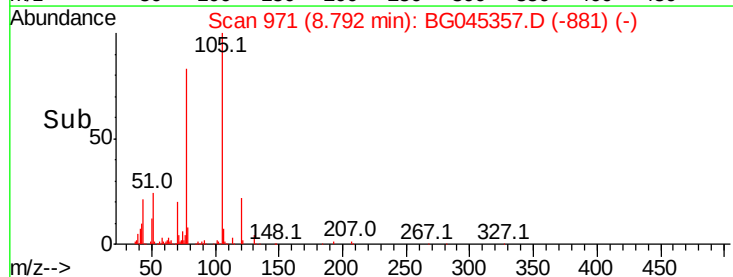
Abundance

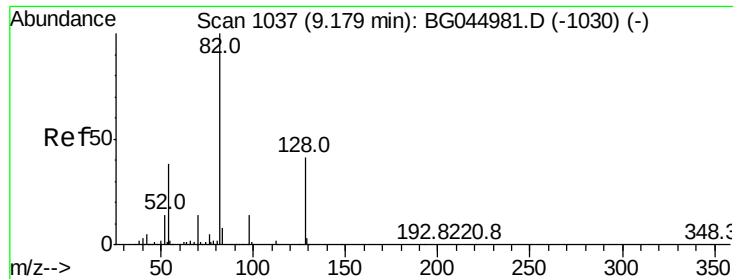
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.413 ng

RT: 9.13 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

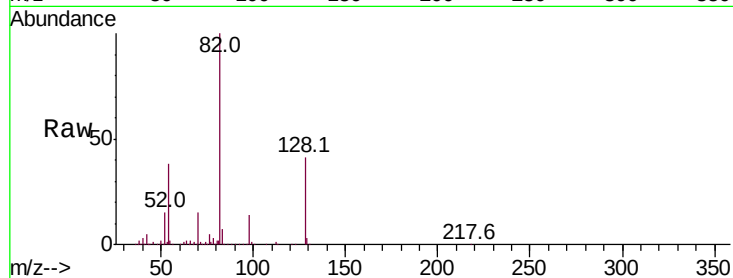
Tot Ion: 82 Resp: 383975

Ion Ratio Lower Upper

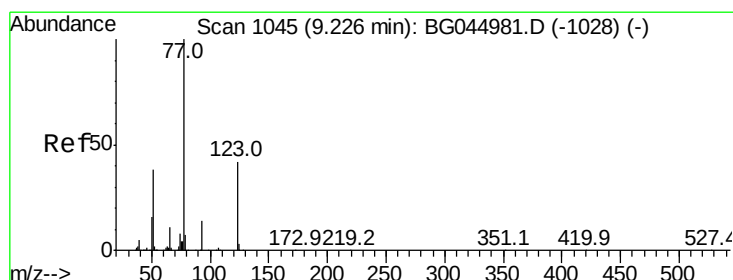
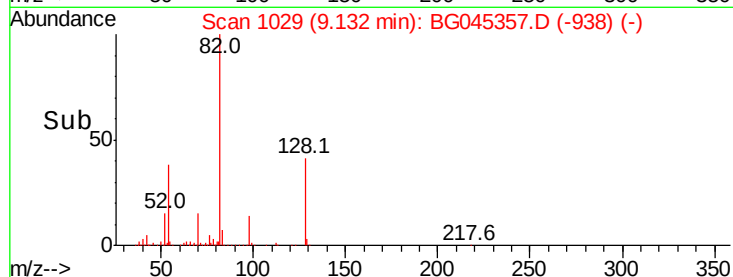
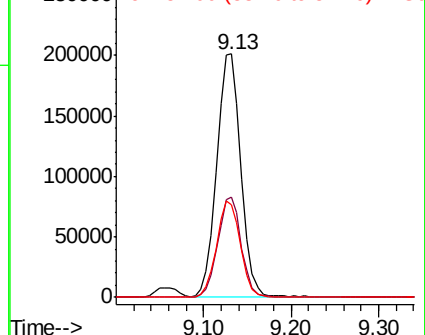
82 100

128 41.2 33.0 49.4

54 38.3 30.4 45.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 36.864 ng

RT: 9.17 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

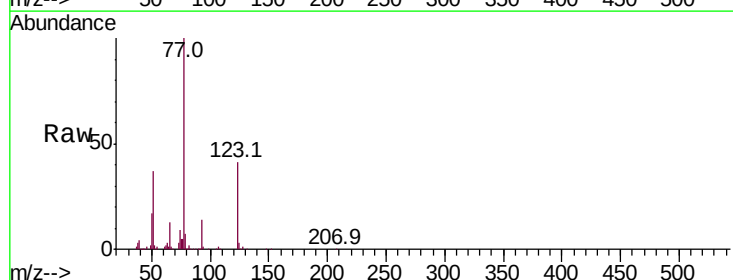
Tgt Ion: 77 Resp: 194984

Ion Ratio Lower Upper

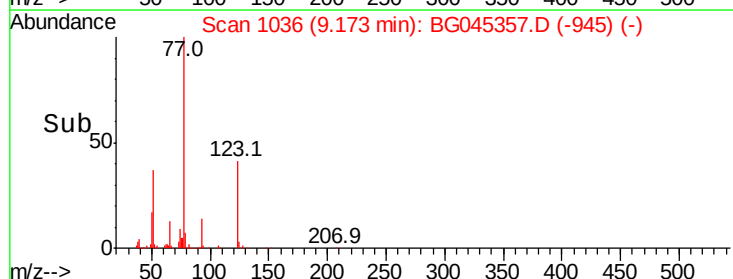
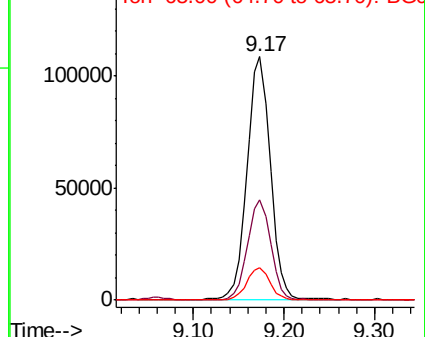
77 100

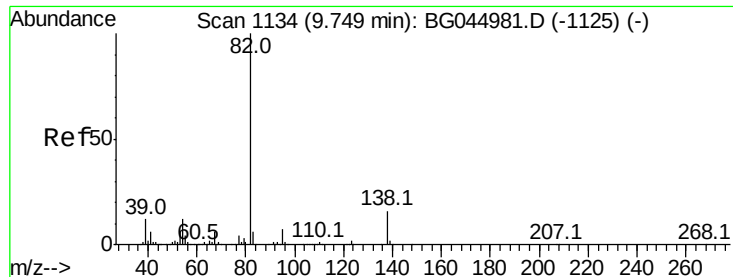
123 41.1 34.3 51.5

65 13.1 8.9 13.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 34.383 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

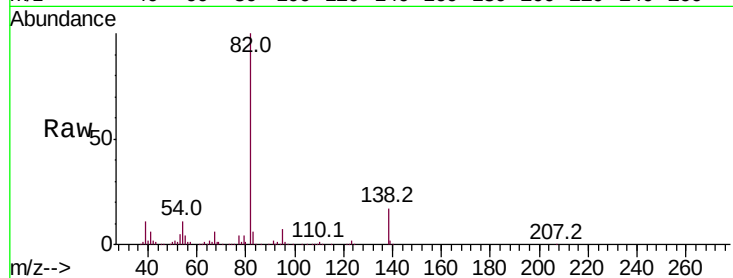
Tot Ion: 82 Resp: 363331

Ion Ratio Lower Upper

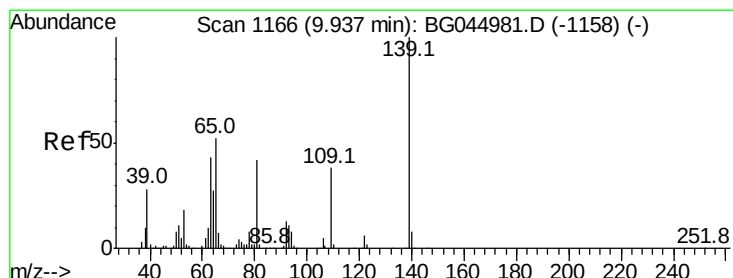
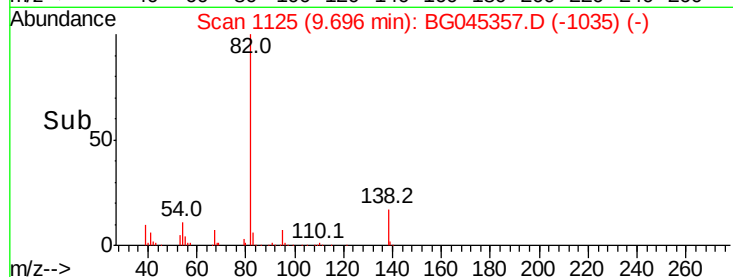
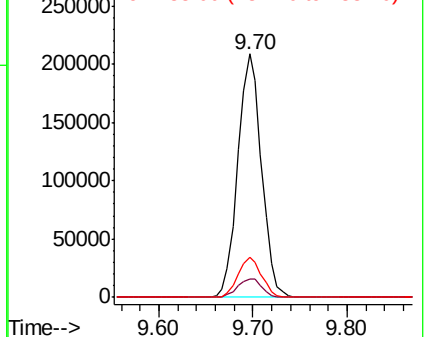
82 100

95 7.4 6.0 9.0

138 16.7 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: 39.610 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

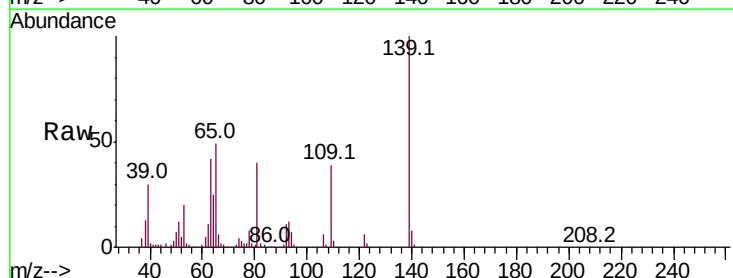
Tgt Ion: 139 Resp: 90245

Ion Ratio Lower Upper

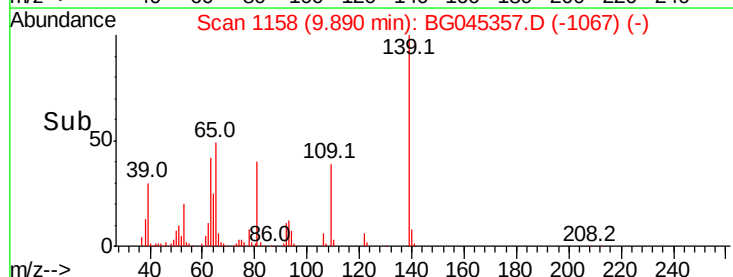
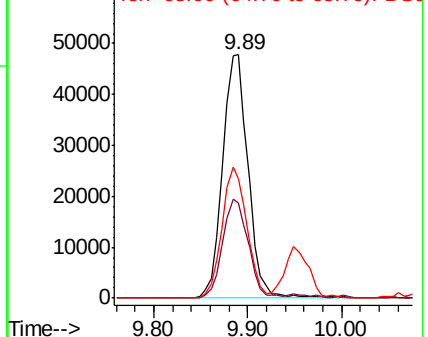
139 100

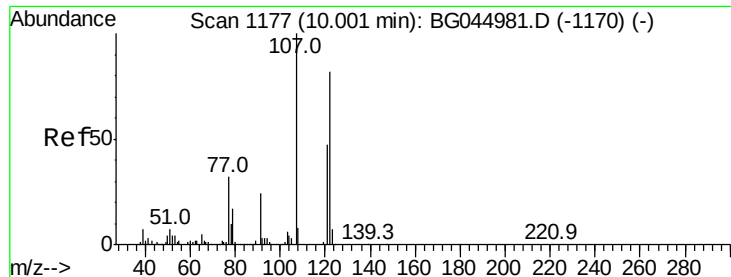
109 38.9 30.6 45.8

65 49.0 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

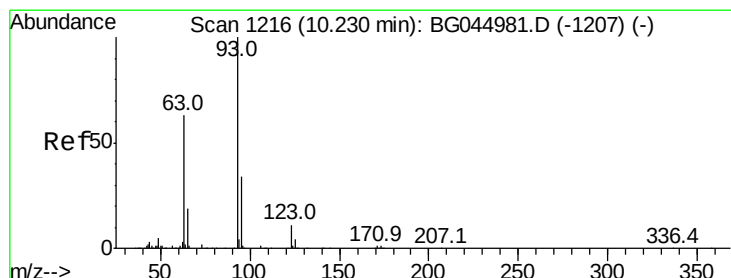
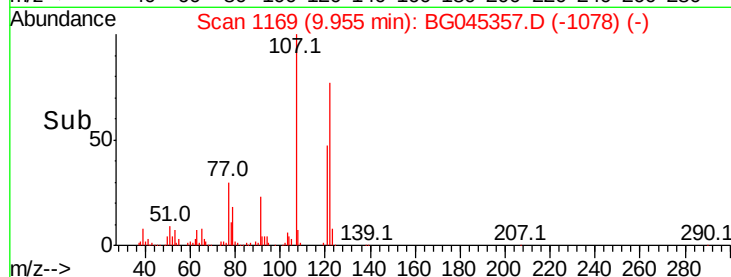
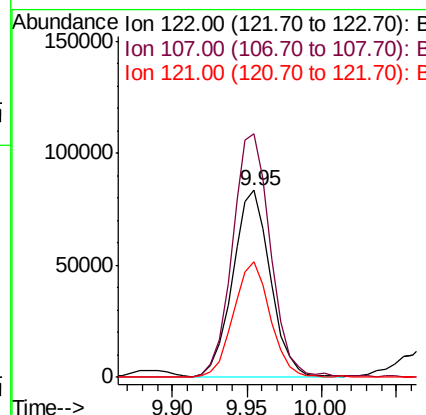
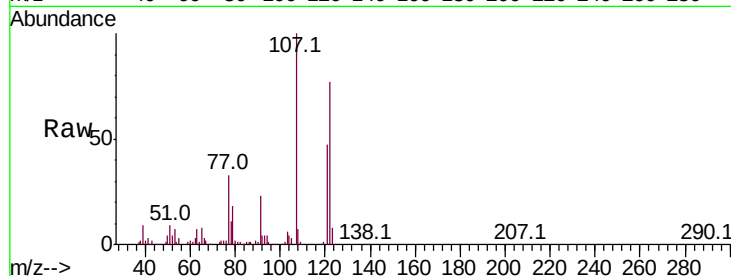




#27
 2,4-Dimethylphenol
 Concen: 40.281 ng
 RT: 9.95 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

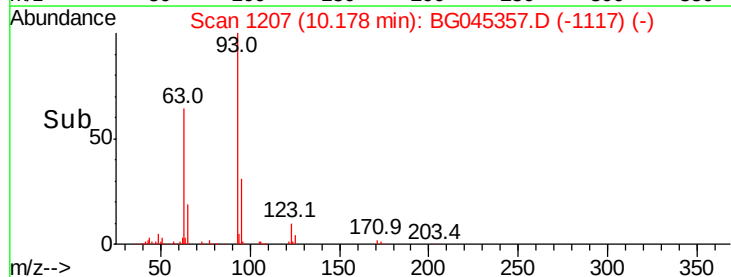
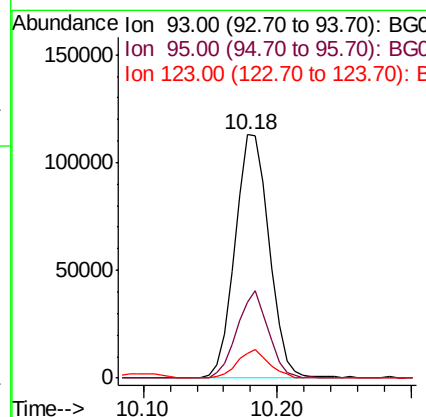
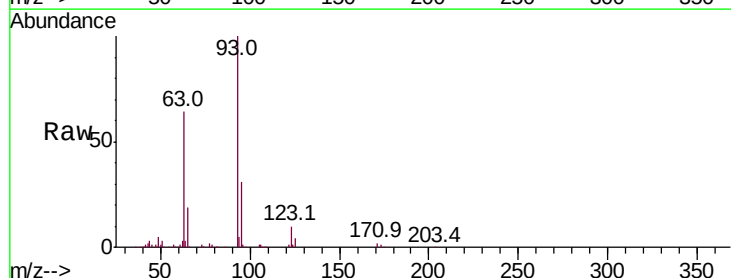
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

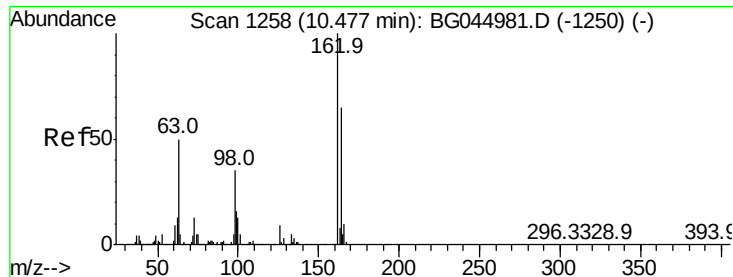
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.0	96.8	145.2
121	61.5	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.220 ng
 RT: 10.18 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	27.0	40.4
123	10.3	8.7	13.1

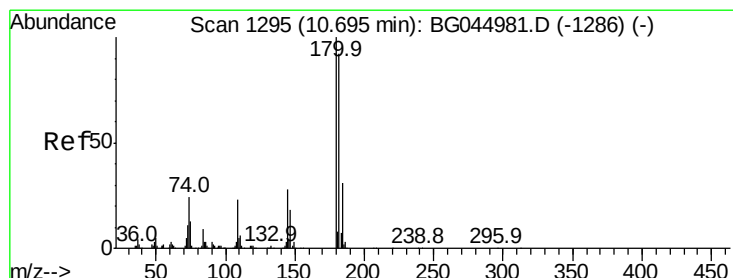
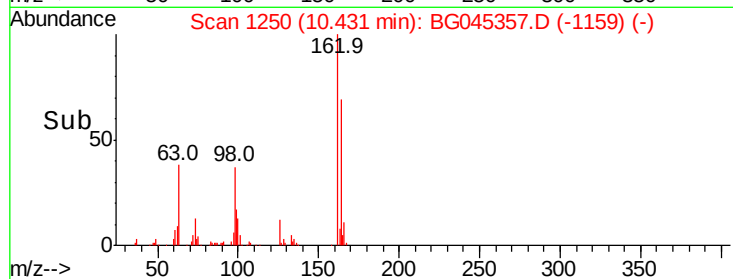
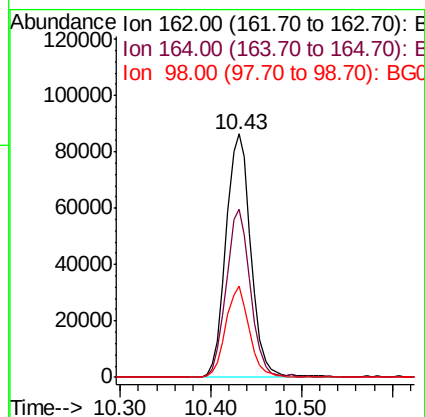
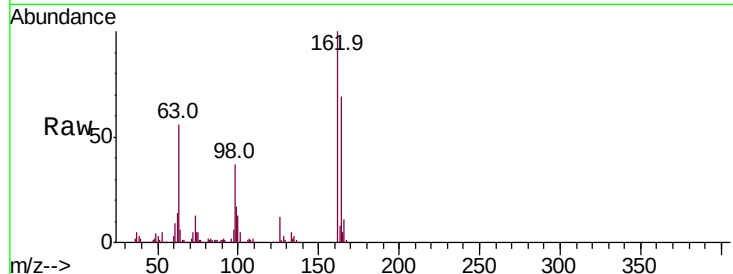




#29
 2,4-Dichlorophenol
 Concen: 39.461 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

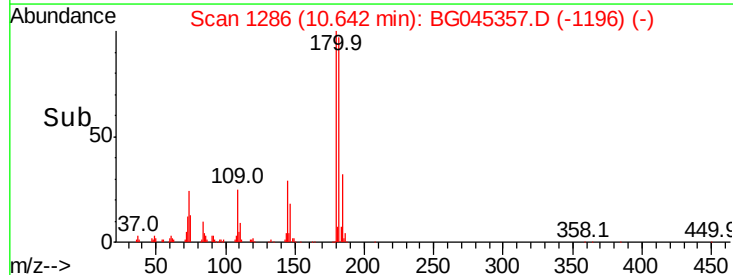
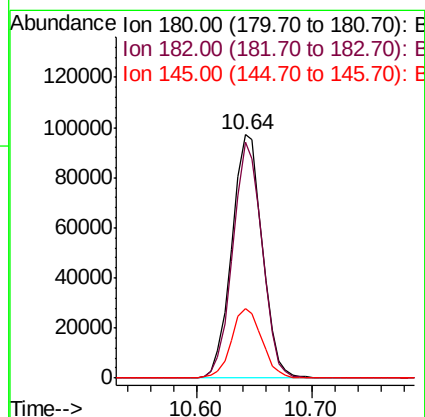
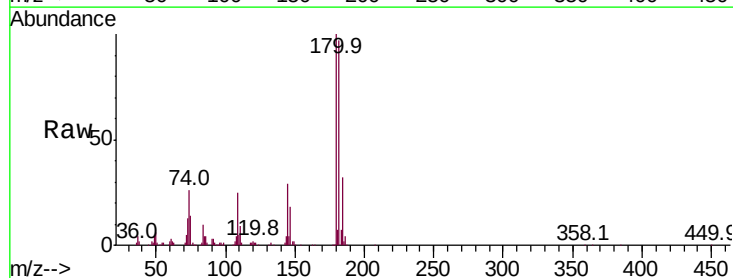
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

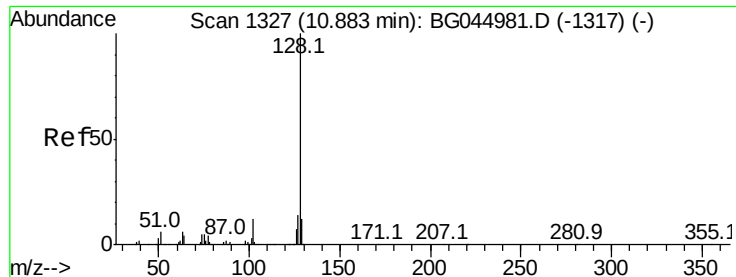
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.9	45.0	85.0
98	37.3	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 37.556 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	73.3	109.9
145	28.7	22.6	33.8

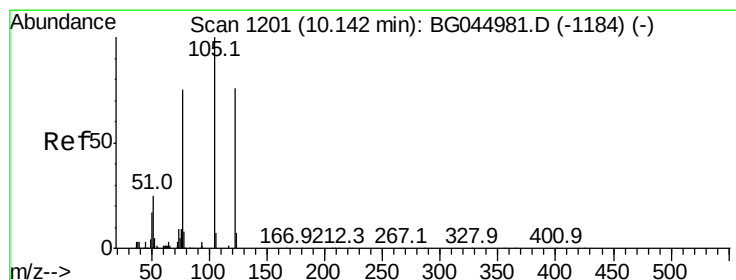
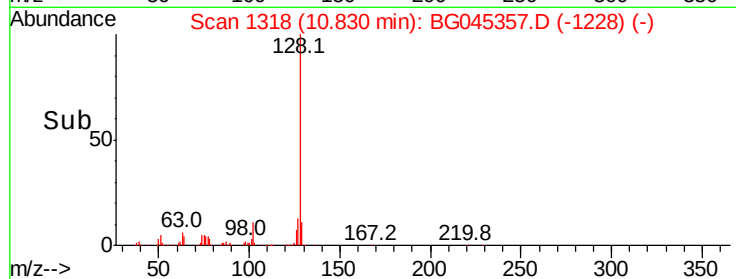
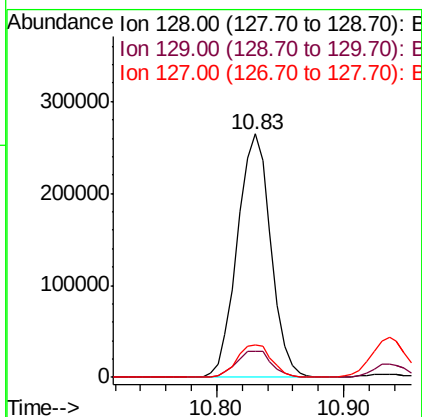
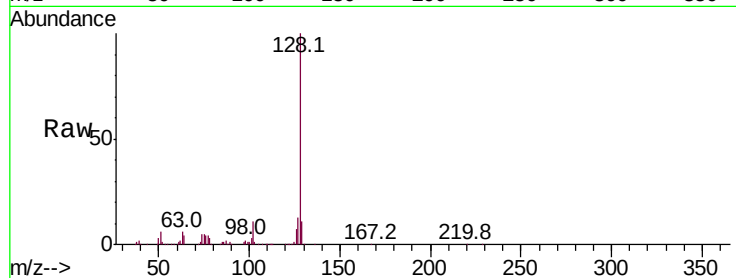




#31
Naphthalene
Concen: 37.514 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

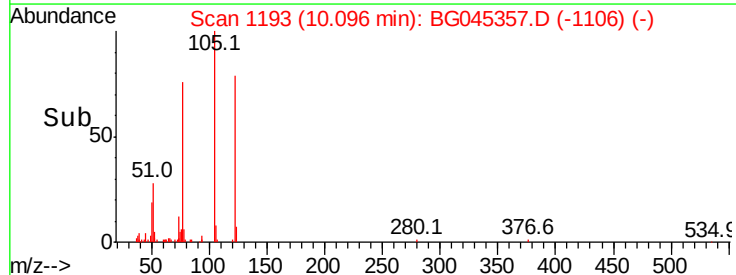
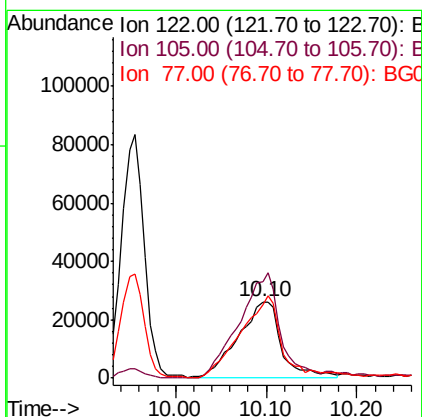
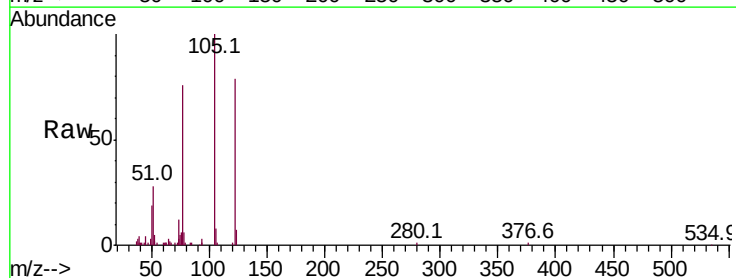
Instrument :
BNA_G
ClientSampleId :
PB128795BS

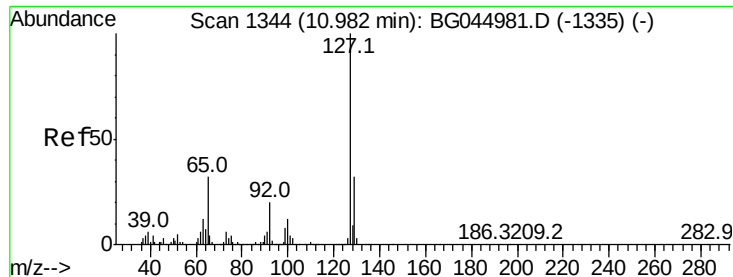
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.2	10.8	16.2



#32
Benzoic acid
Concen: 31.466 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.0	108.4	148.4
77	97.0	78.8	118.8

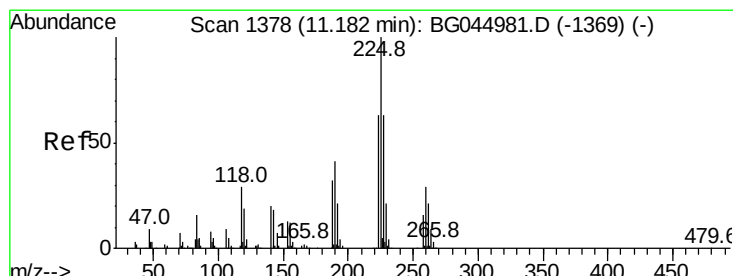
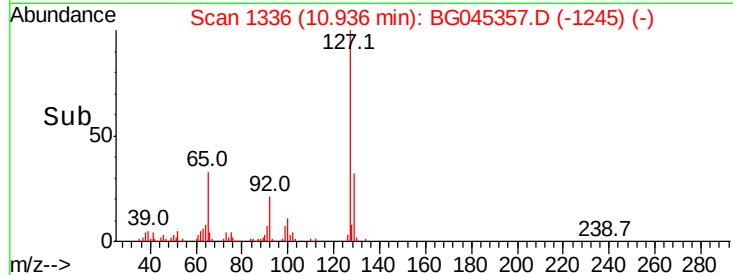
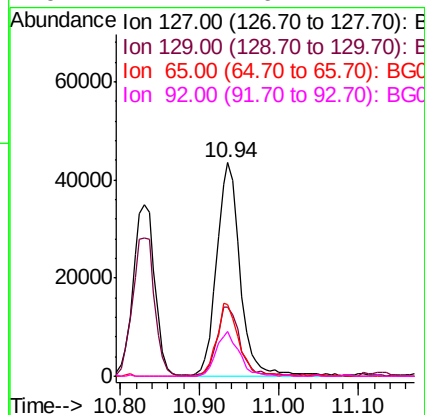
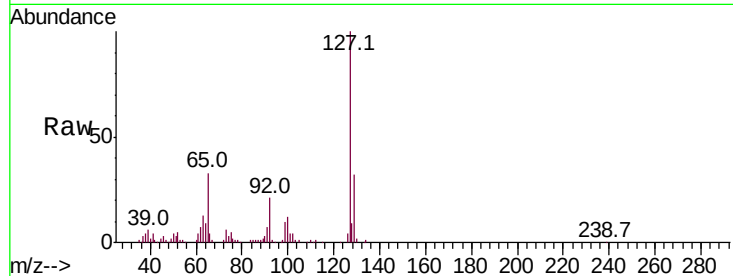




#33
4-Chloroaniline
Concen: 14.872 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

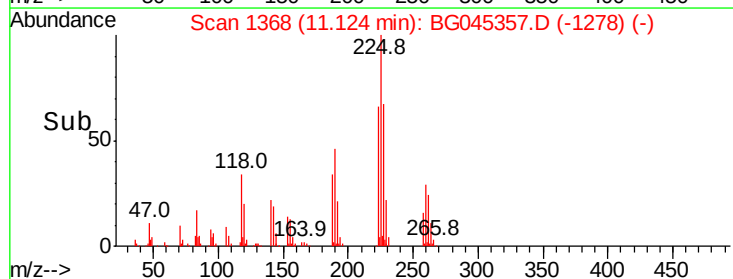
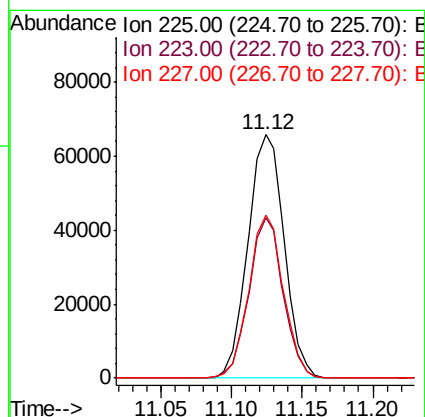
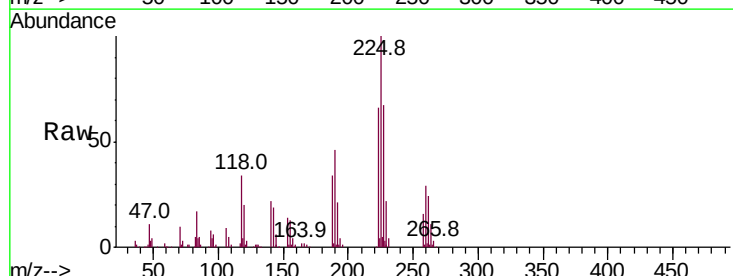
Instrument :
BNA_G
ClientSampleId :
PB128795BS

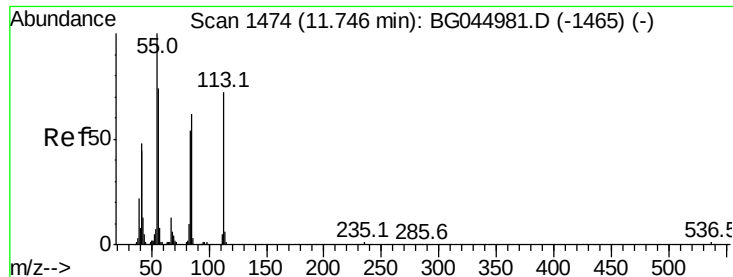
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	33.5	25.4	38.2
92	21.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 36.494 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	50.7	76.1
227	67.2	50.2	75.2





#35

Caprolactam

Concen: 19.310 ng

RT: 11.69 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

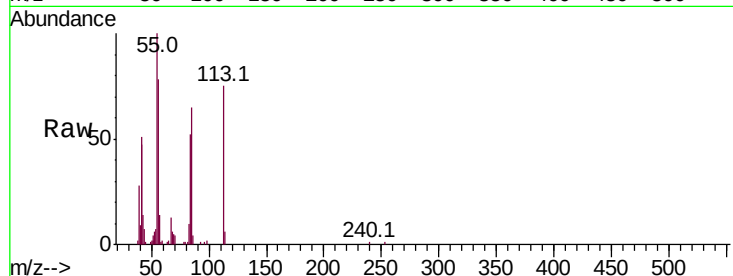
Tot Ion:113 Resp: 32080

Ion Ratio Lower Upper

113 100

55 134.0 118.8 158.8

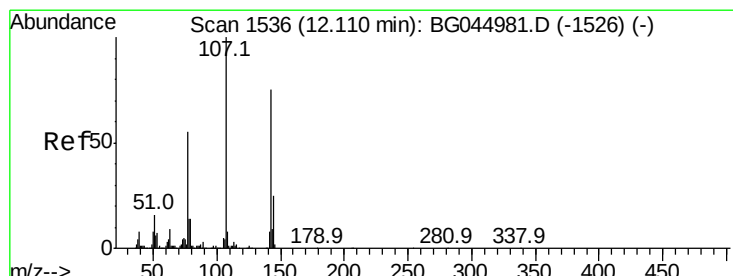
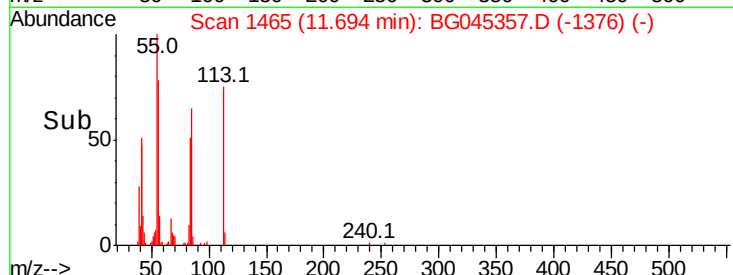
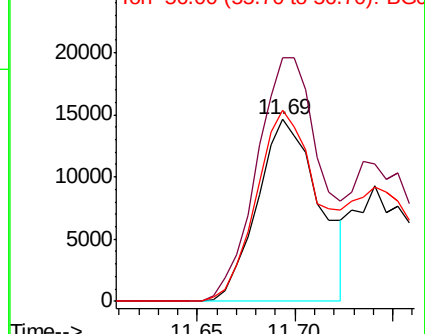
56 104.9 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.124 ng

RT: 12.07 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

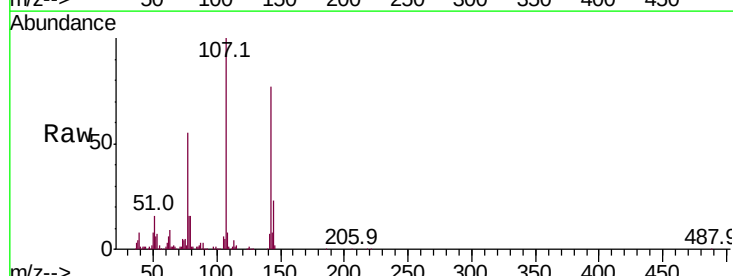
Tgt Ion:107 Resp: 191853

Ion Ratio Lower Upper

107 100

144 23.3 19.8 29.6

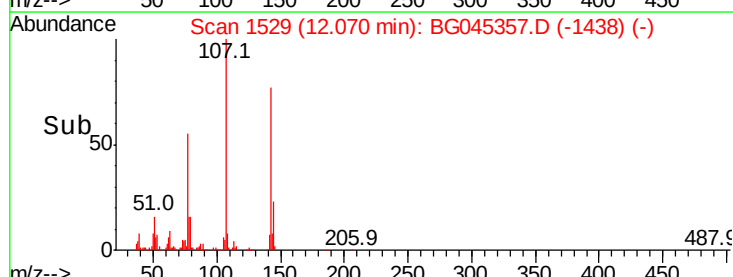
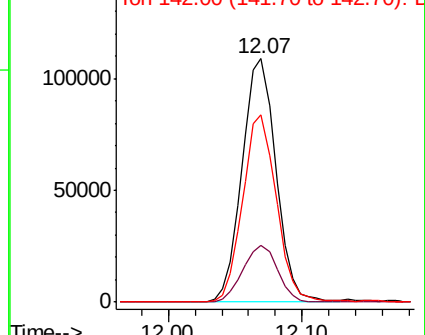
142 76.8 59.7 89.5

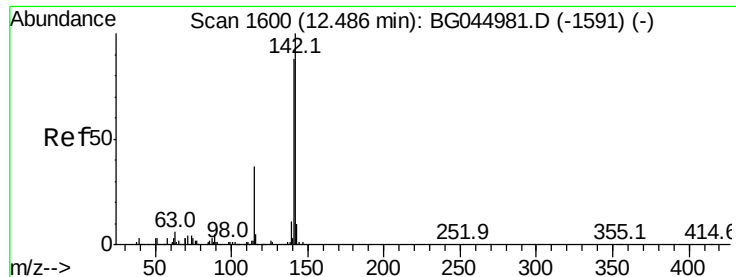


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.414 ng

RT: 12.44 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

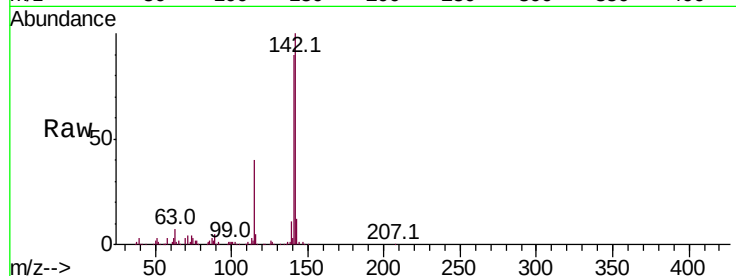
Tot Ion:142 Resp: 364041

Ion Ratio Lower Upper

142 100

141 90.2 70.3 105.5

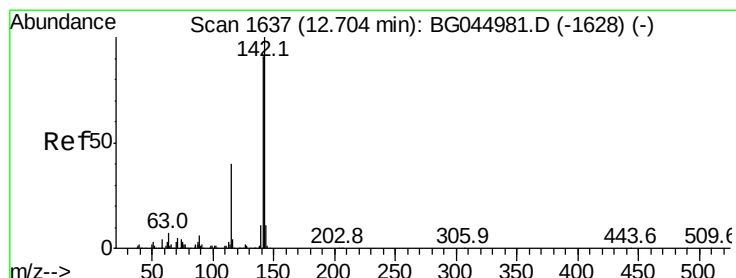
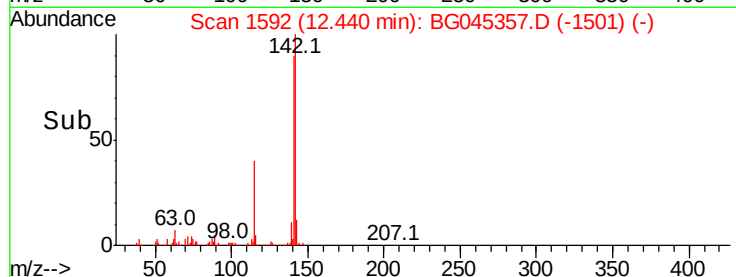
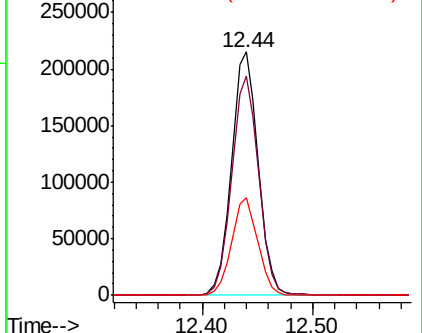
115 40.1 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.786 ng

RT: 12.66 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

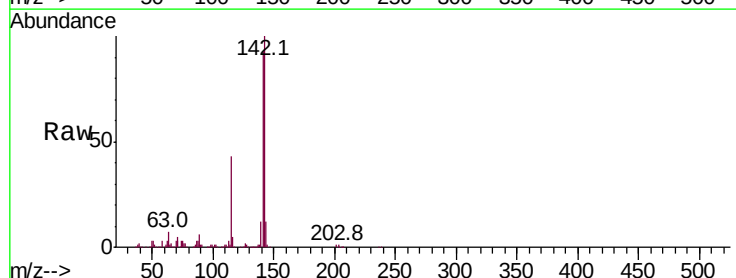
Tgt Ion:142 Resp: 347182

Ion Ratio Lower Upper

142 100

141 93.4 72.7 109.1

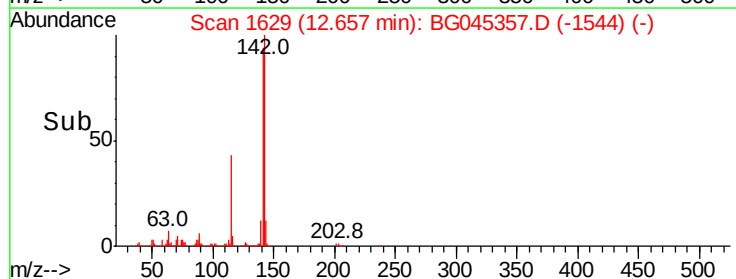
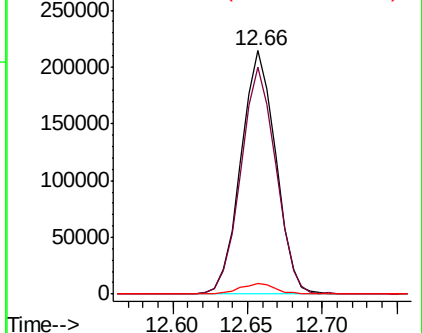
116 4.5 3.1 4.7

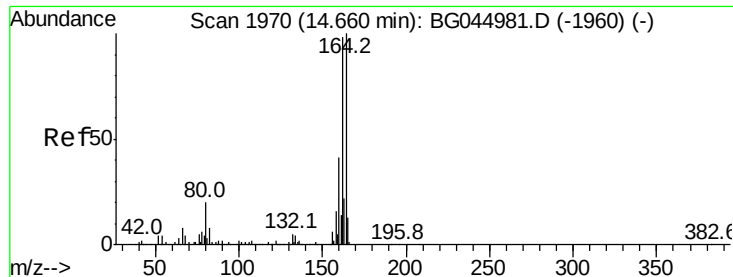


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

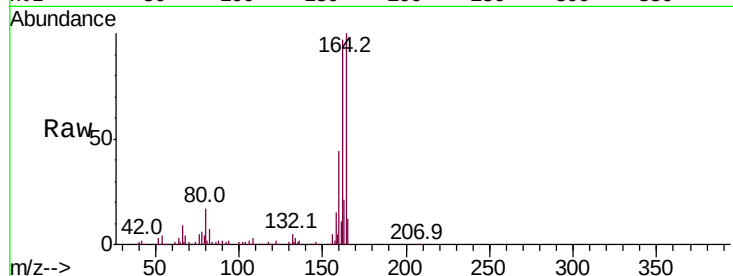
Tot Ion:164 Resp: 176785

Ion Ratio Lower Upper

164 100

162 96.8 78.7 118.1

160 43.9 32.8 49.2

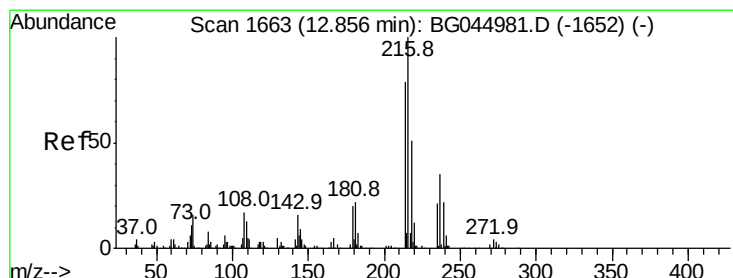
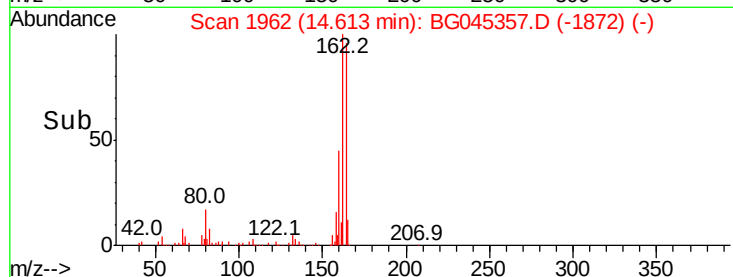
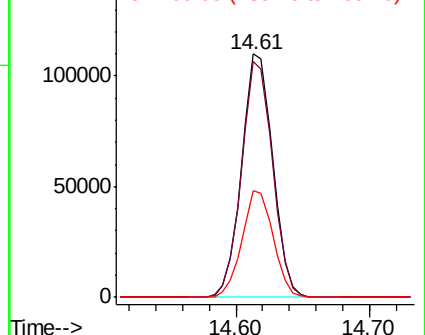


Abundance

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: 35.543 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:216 Resp: 202312

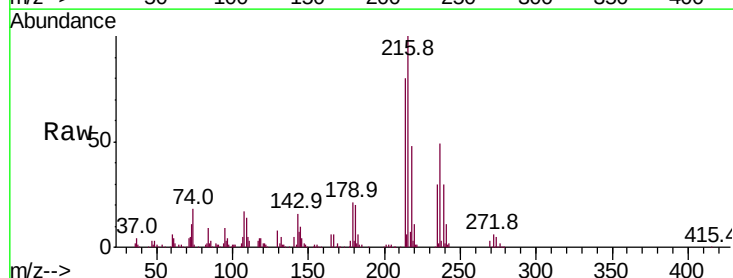
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 20.2 15.8 23.8

108 20.0 14.2 21.2



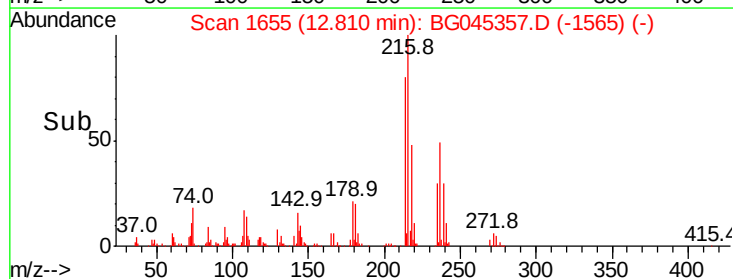
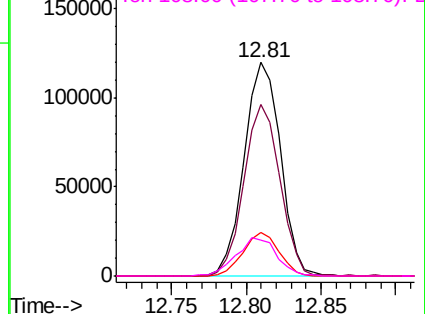
Abundance

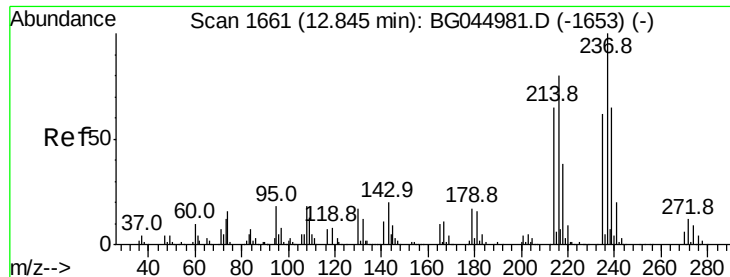
Ion 216.00 (215.70 to 216.70): E

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

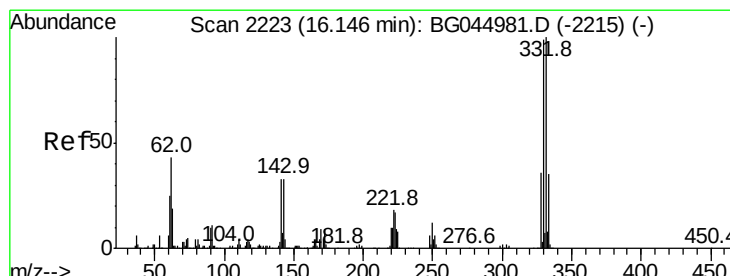
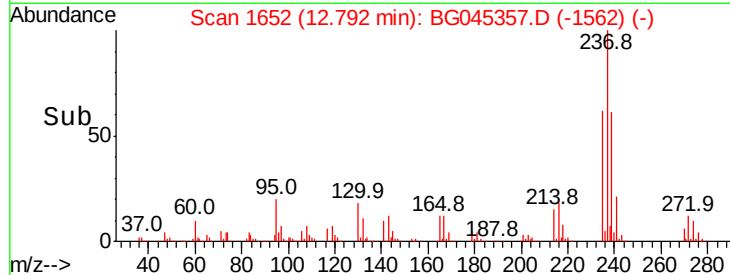
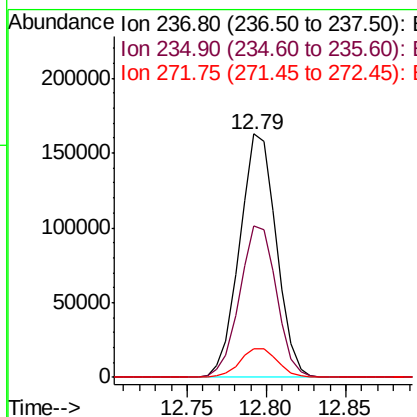
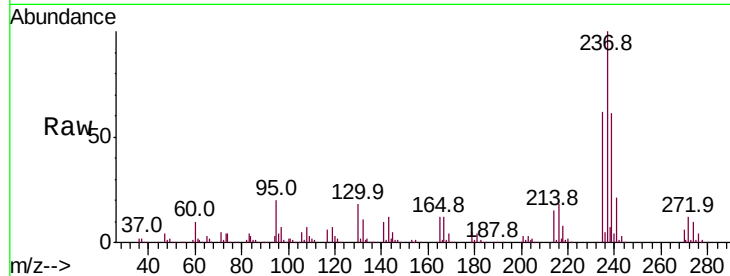




#41
 Hexachlorocyclopentadiene
 Concen: 73.394 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

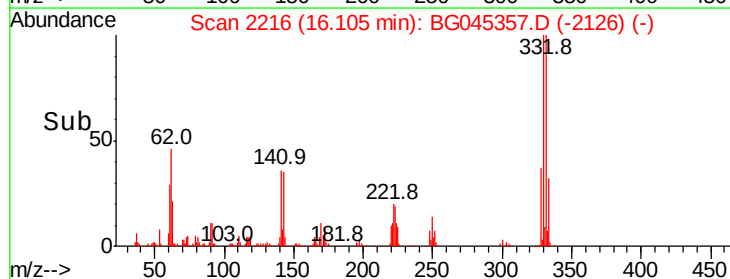
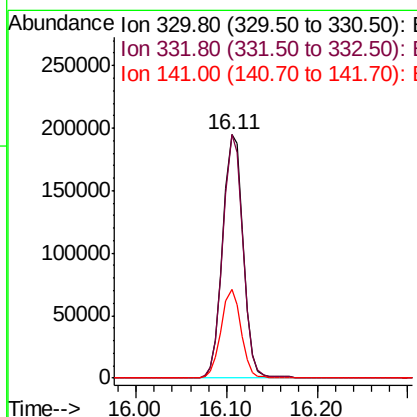
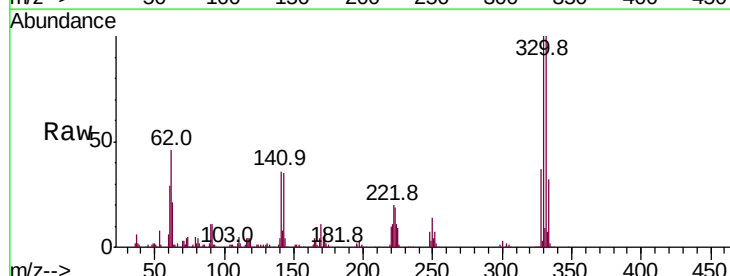
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

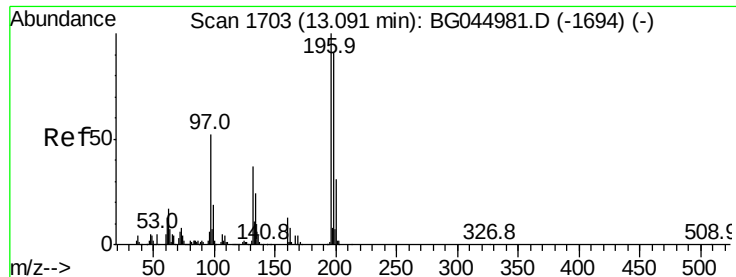
Tot Ion:	237	Resp:	261107
Ion Ratio	Lower	Upper	
237	100		
235	62.4	41.6	81.6
272	11.8	0.0	32.1



#42
 2,4,6-Tribromophenol
 Concen: 111.842 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion:	330	Resp:	305451
Ion Ratio	Lower	Upper	
330	100		
332	98.0	79.1	118.7
141	35.6	27.1	40.7

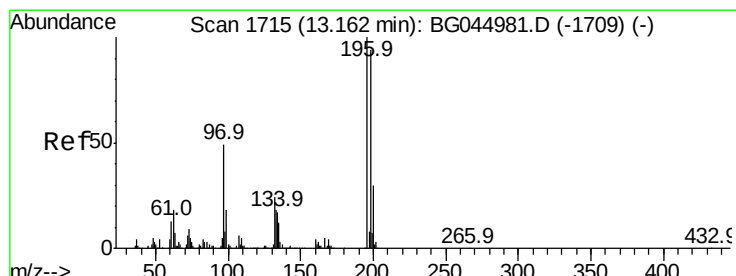
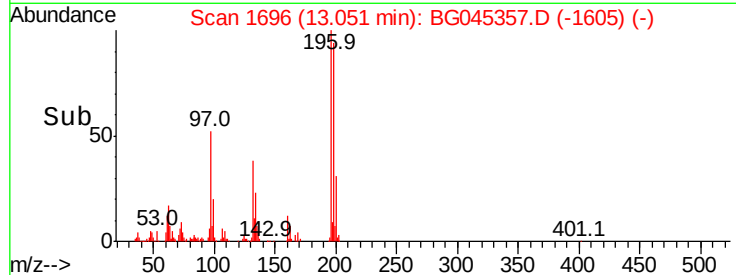
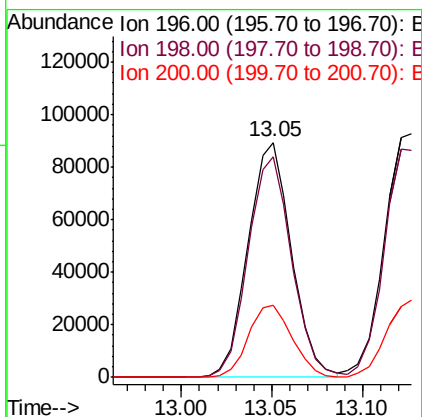
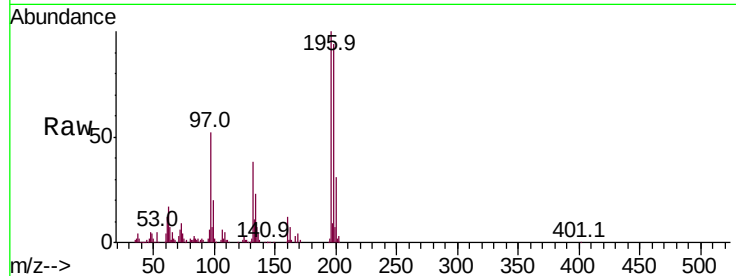




#43
 2,4,6-Trichlorophenol
 Concen: 37.244 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

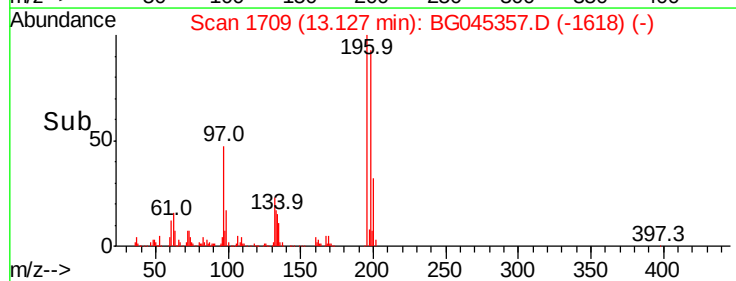
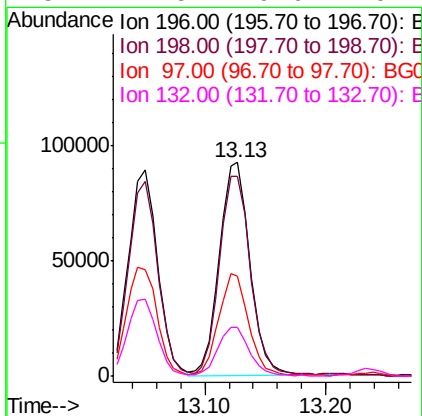
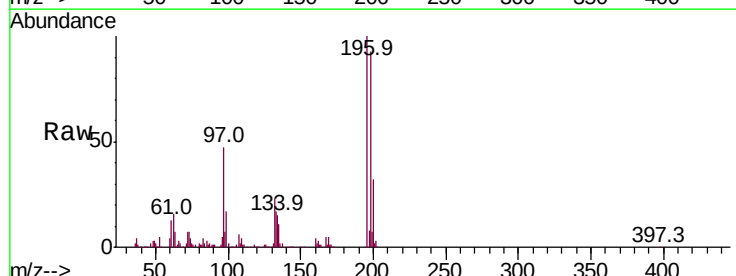
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

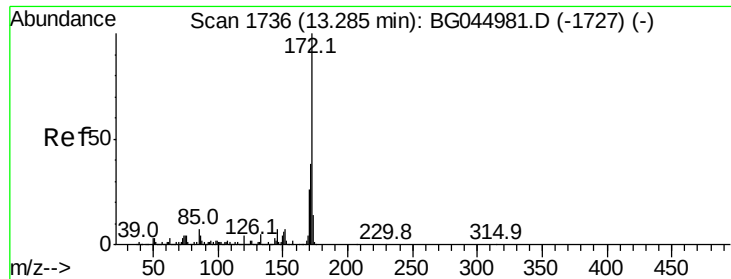
Tot Ion:	196	Resp:	149615
Ion	Ratio	Lower	Upper
196	100		
198	94.2	72.5	108.7
200	30.5	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 35.540 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion:	196	Resp:	162512
Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
97	47.0	39.6	59.4
132	22.5	19.6	29.4

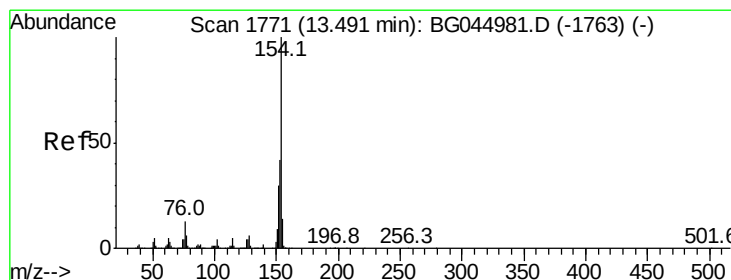
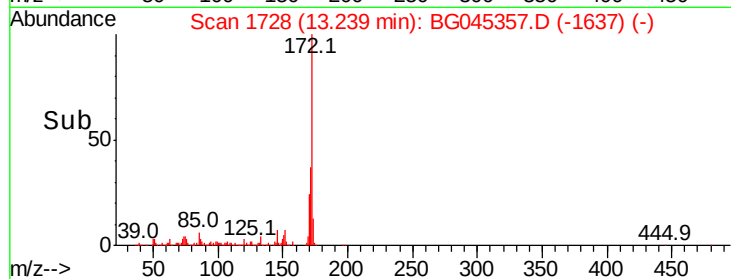
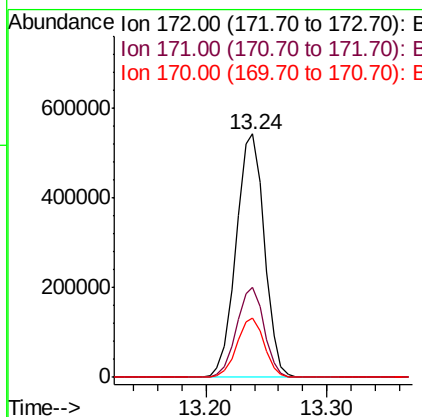
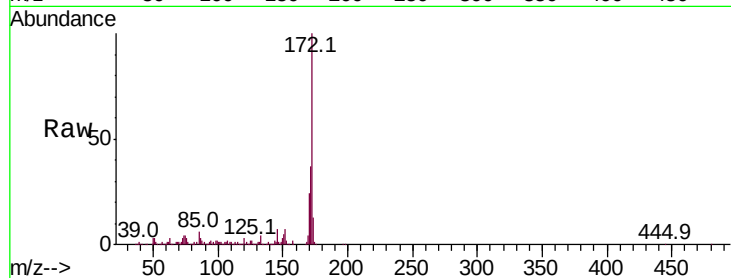




#45
 2-Fluorobiphenyl
 Concen: 73.565 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

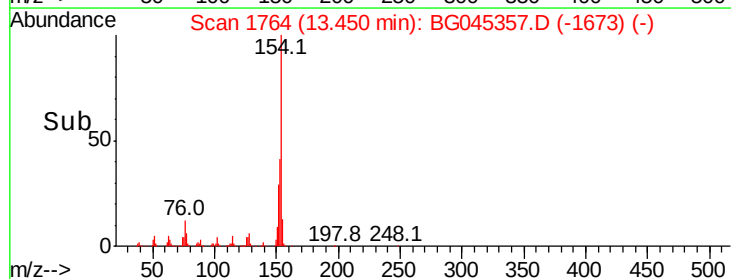
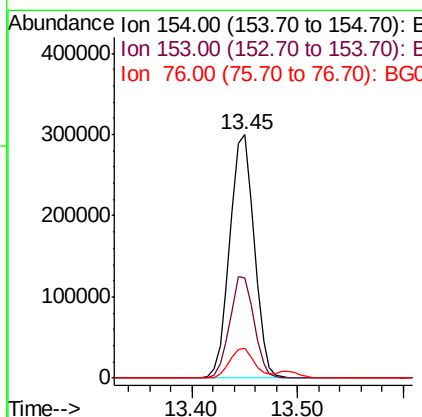
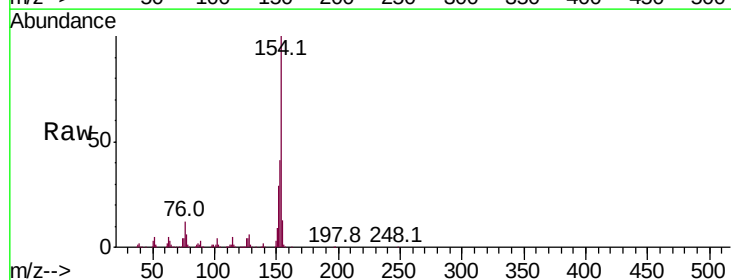
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

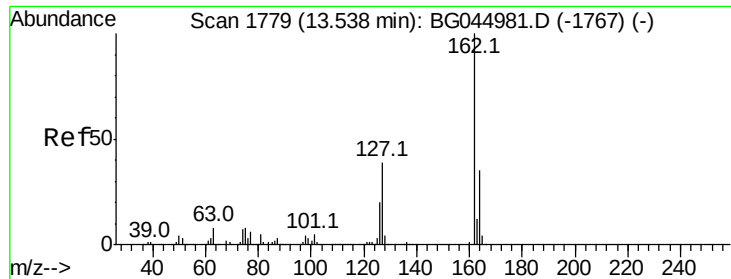
Tot Ion:172 Resp: 886923
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 46.0
 170 24.3 20.5 30.7



#46
 1,1'-Biphenyl
 Concen: 35.530 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion:154 Resp: 477409
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.9 61.9
 76 12.2 0.0 33.1

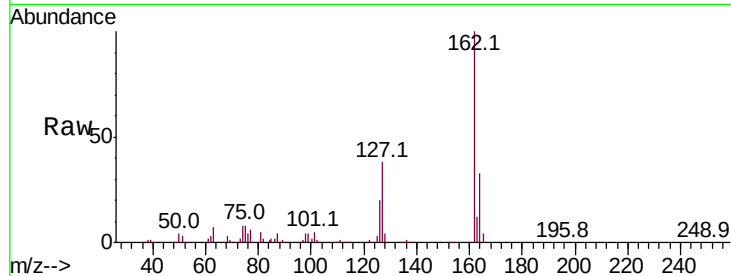




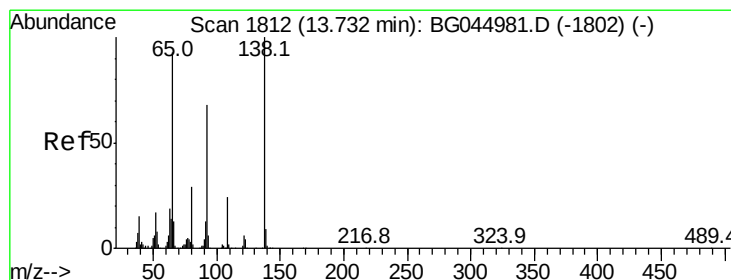
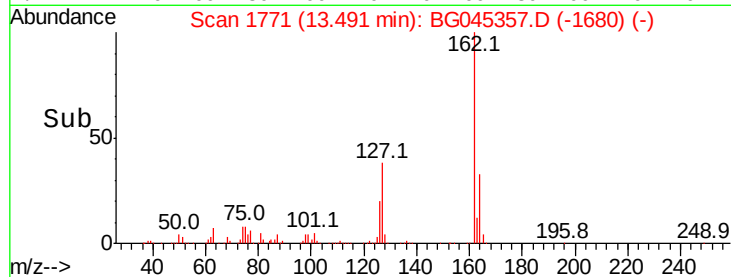
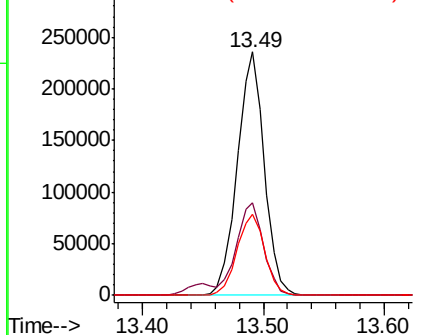
#47
2-Chloronaphthalene
Concen: 35.727 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Instrument :
BNA_G
ClientSampleId :
PB128795BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.3	46.9
164	33.5	27.8	41.8

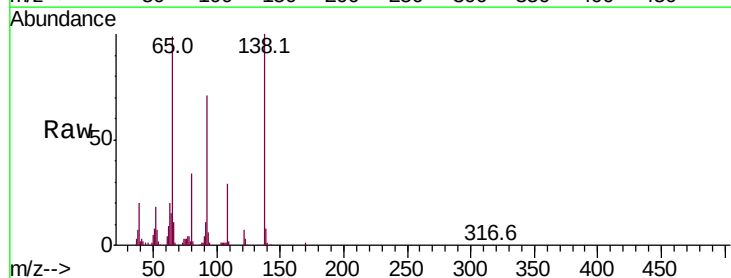


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

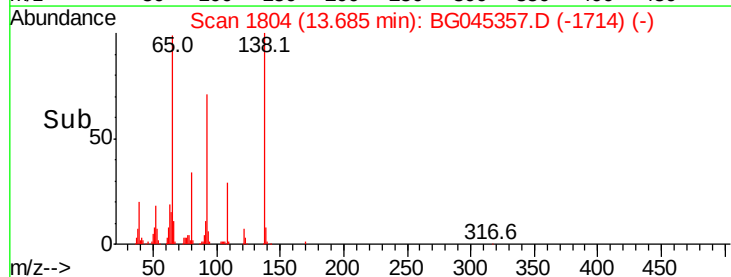
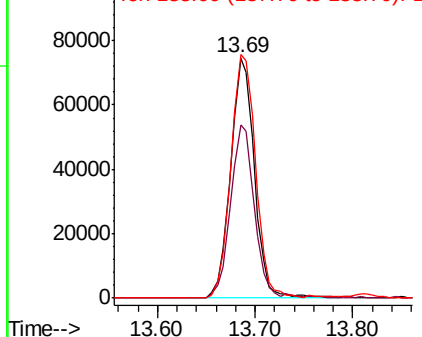


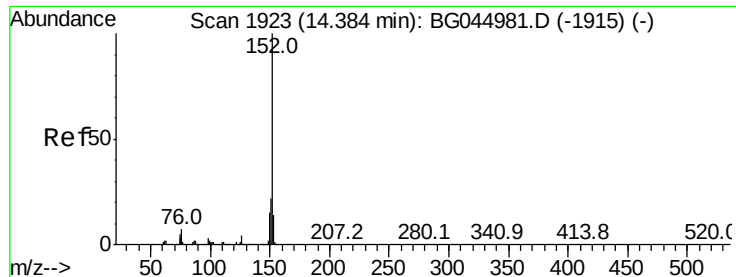
#48
2-Nitroaniline
Concen: 37.276 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.3	87.5
138	101.5	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: 37.507 ng

RT: 14.34 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

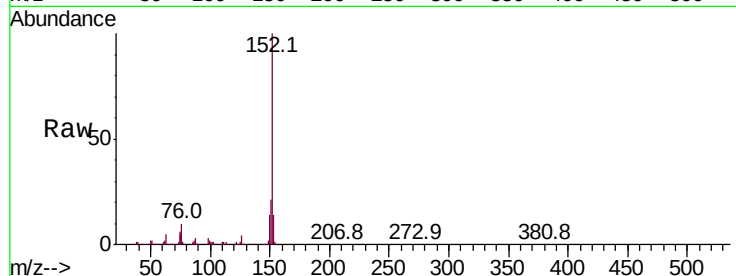
Tot Ion:152 Resp: 627264

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

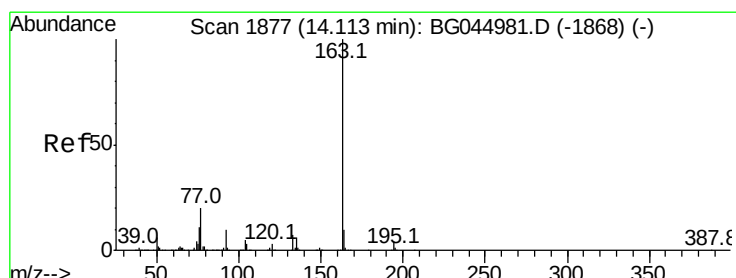
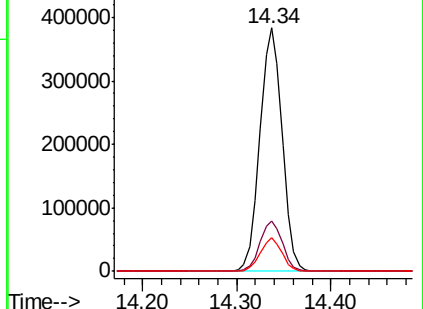
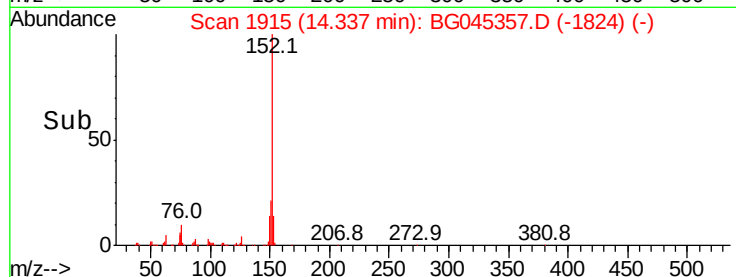
153 13.6 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.343 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

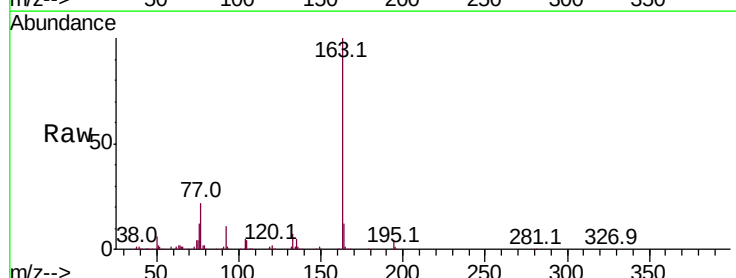
Tgt Ion:163 Resp: 523149

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

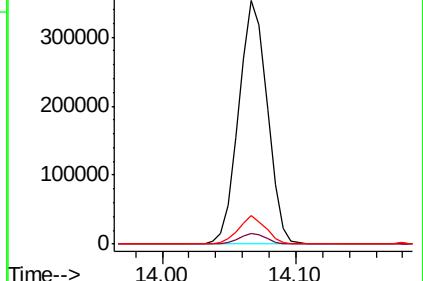
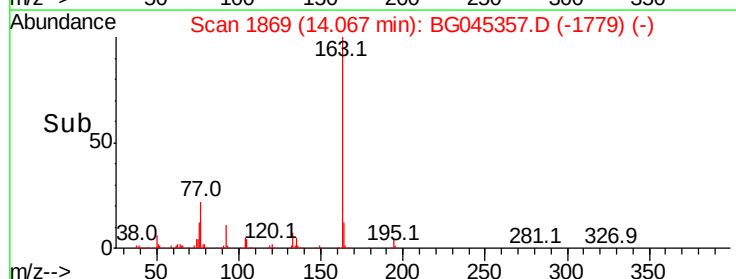
164 11.6 8.2 12.4

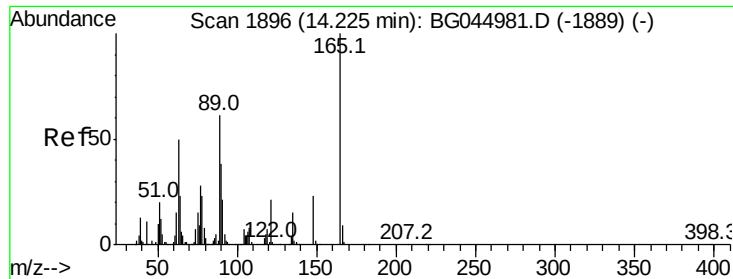


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

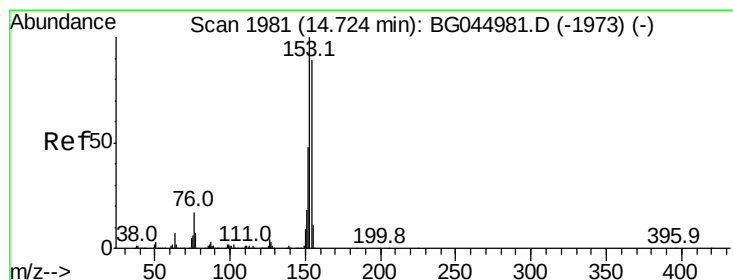
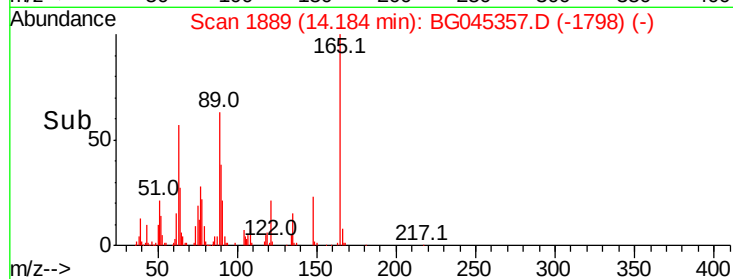
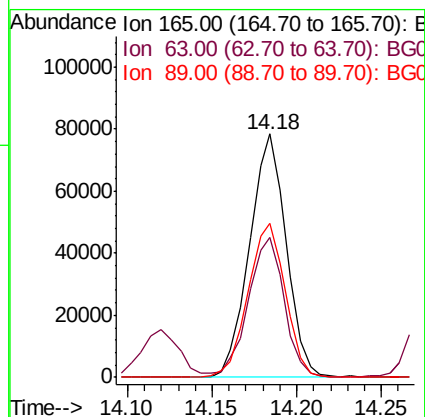
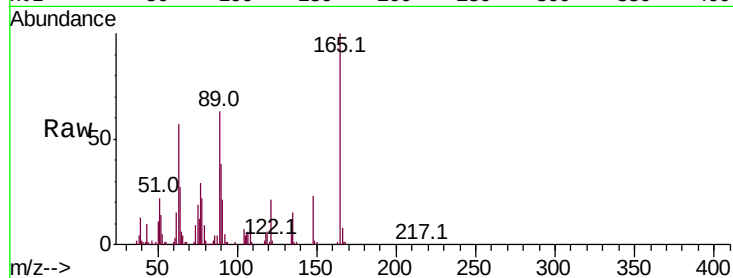




#51
 2,6-Dinitrotoluene
 Concen: 36.633 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

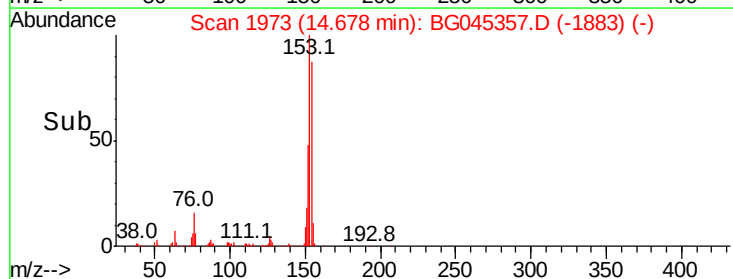
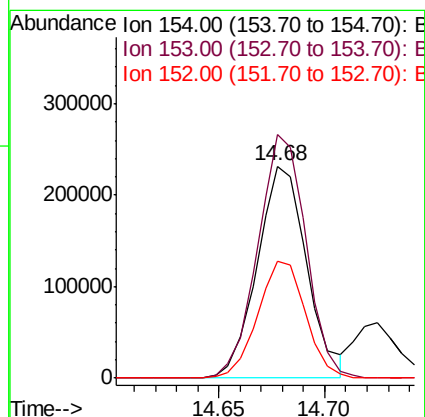
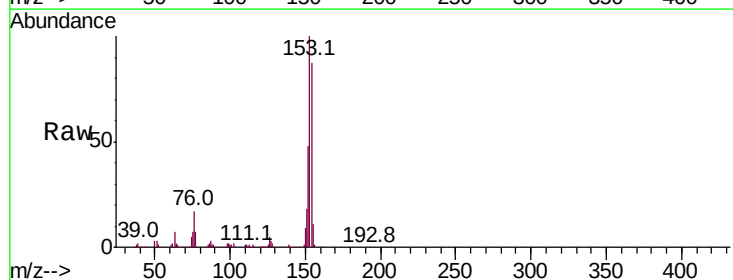
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

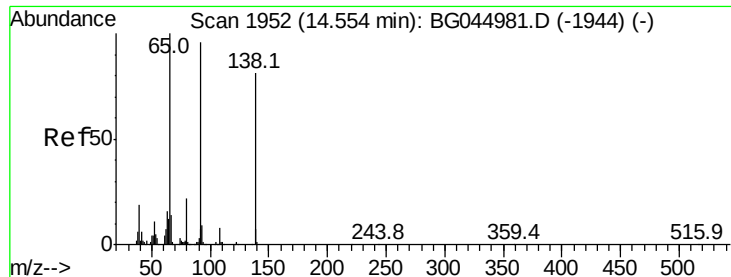
Tot Ion:165 Resp: 117946
 Ion Ratio Lower Upper
 165 100
 63 57.3 40.4 60.6
 89 63.5 49.1 73.7



#52
 Acenaphthene
 Concen: 33.268 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion:154 Resp: 376429
 Ion Ratio Lower Upper
 154 100
 153 114.7 89.7 134.5
 152 55.0 43.1 64.7





#53

3-Nitroaniline

Concen: 18.695 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

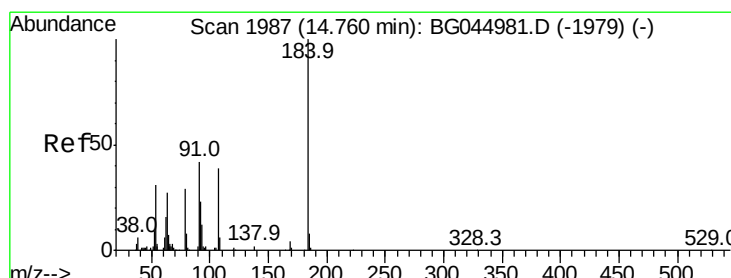
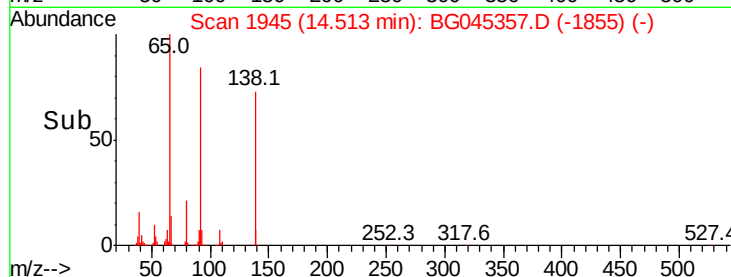
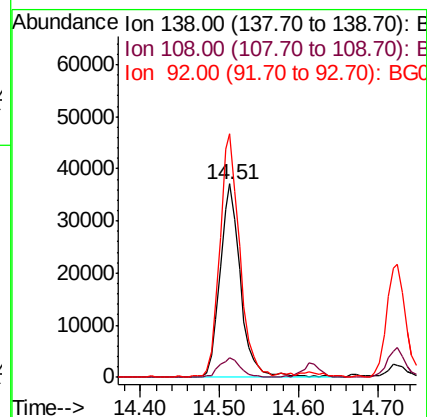
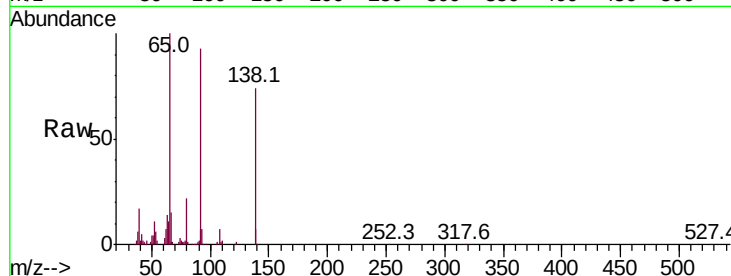
Tot Ion:138 Resp: 66015

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.8

92 126.1 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 77.647 ng

RT: 14.72 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

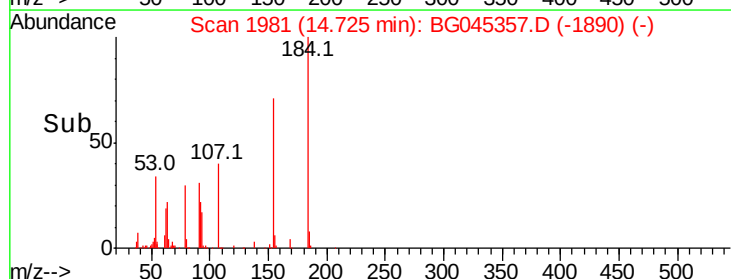
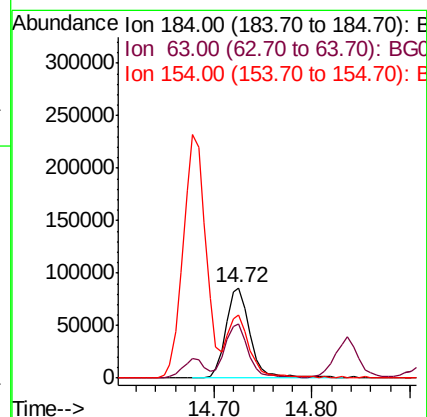
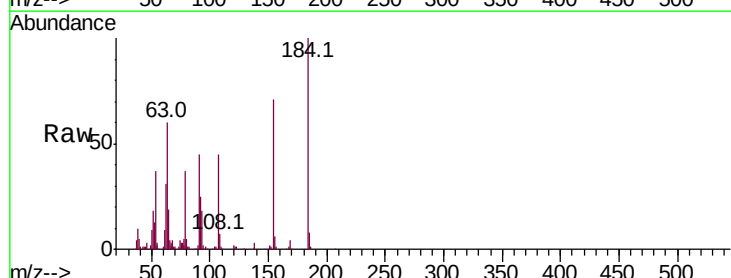
Tgt Ion:184 Resp: 148657

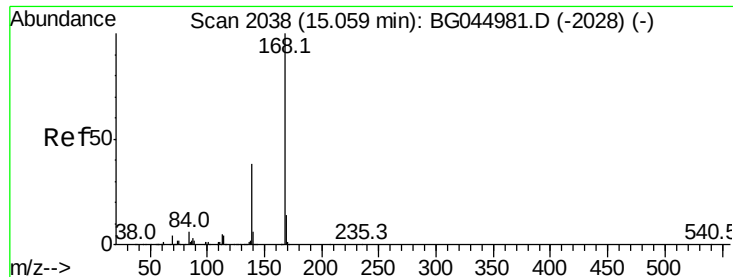
Ion Ratio Lower Upper

184 100

63 60.1 41.5 62.3

154 70.8 52.3 78.5





#55

Dibenzofuran

Concen: 36.948 ng

RT: 15.01 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

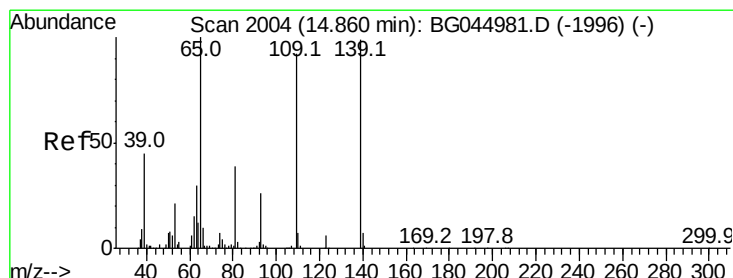
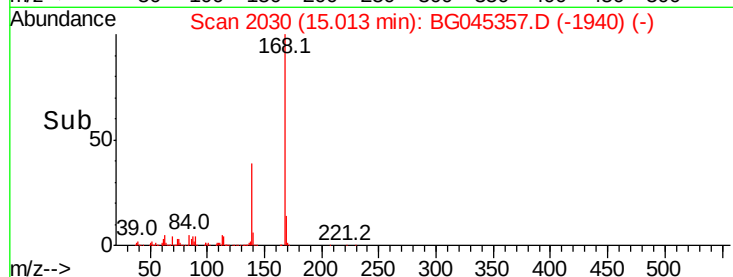
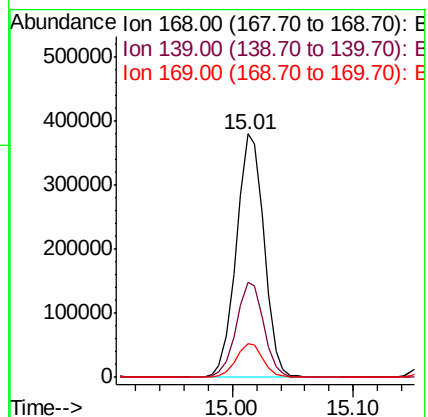
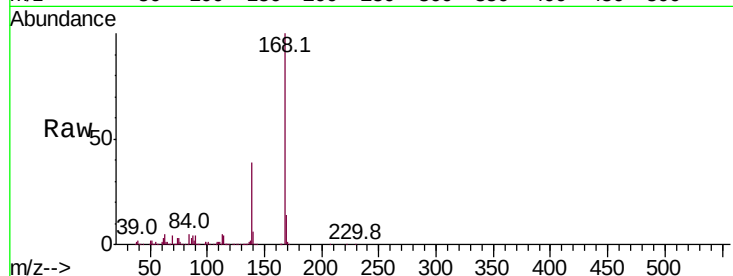
Tot Ion:168 Resp: 609512

Ion Ratio Lower Upper

168 100

139 39.3 30.4 45.6

169 13.9 11.0 16.4



#56

4-Nitrophenol

Concen: 76.082 ng

RT: 14.84 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

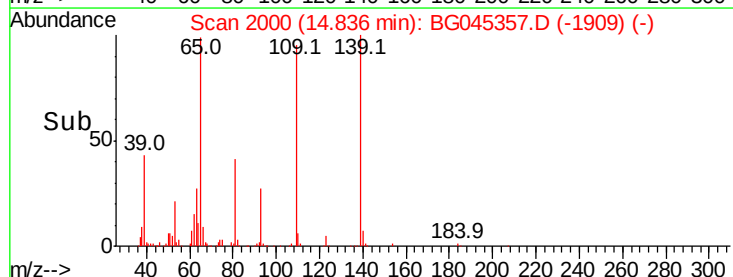
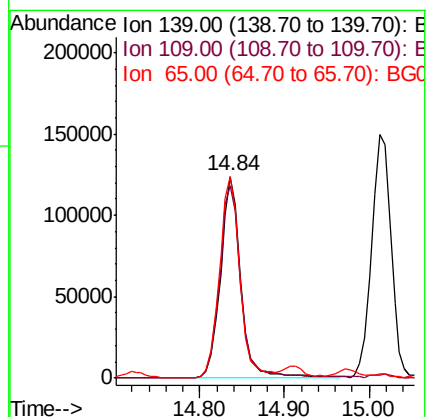
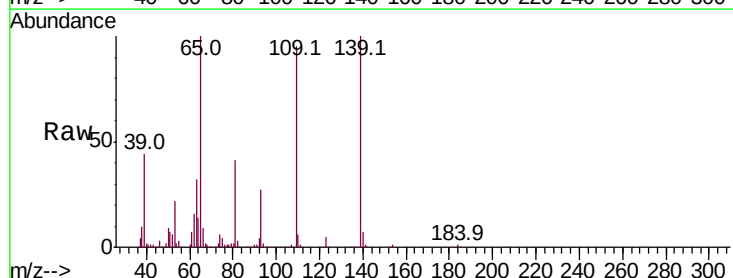
Tgt Ion:139 Resp: 208310

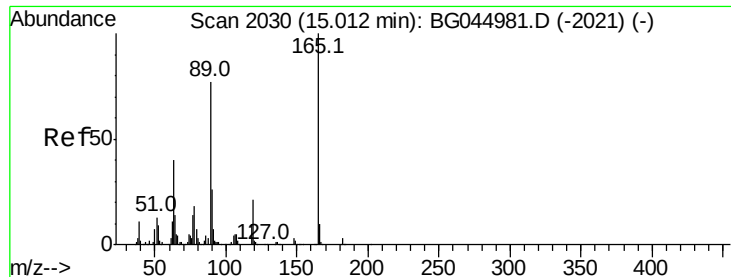
Ion Ratio Lower Upper

139 100

109 95.4 73.6 113.6

65 99.6 81.2 121.2

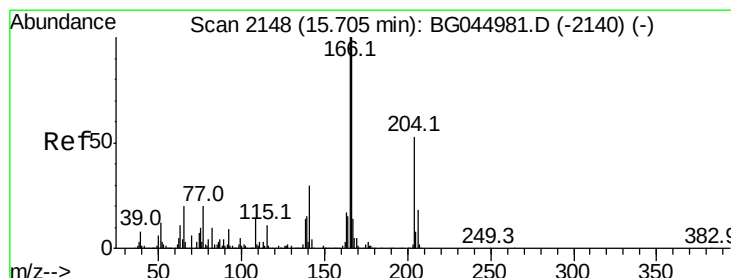
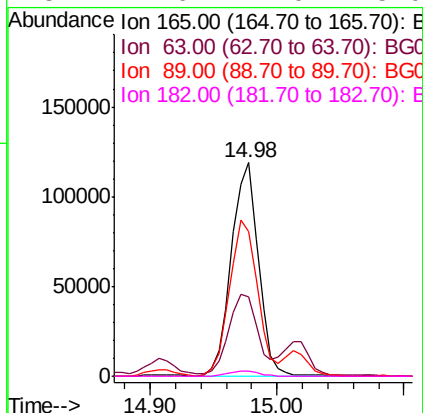
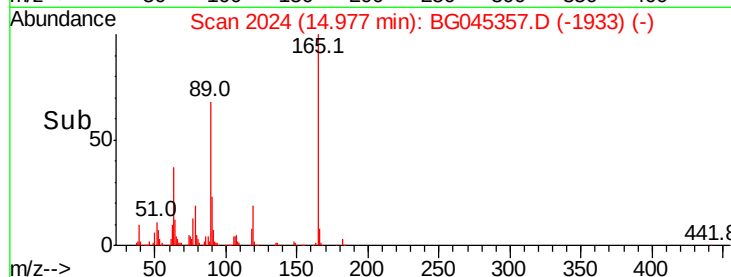
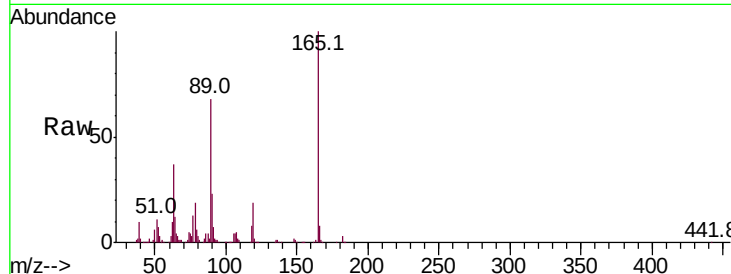




#57
 2,4-Dinitrotoluene
 Concen: 37.304 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

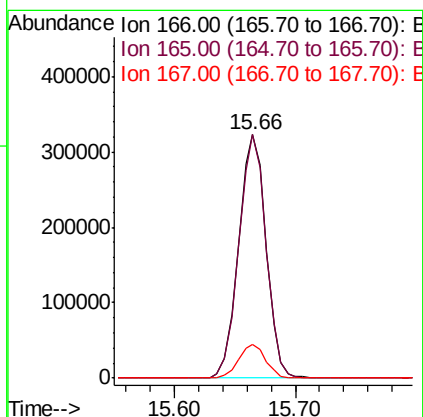
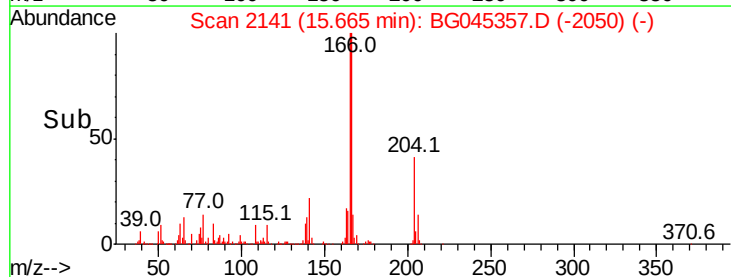
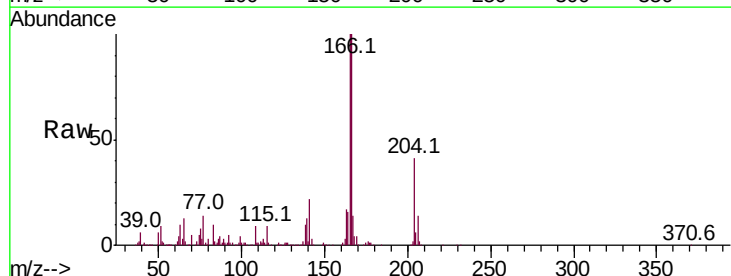
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

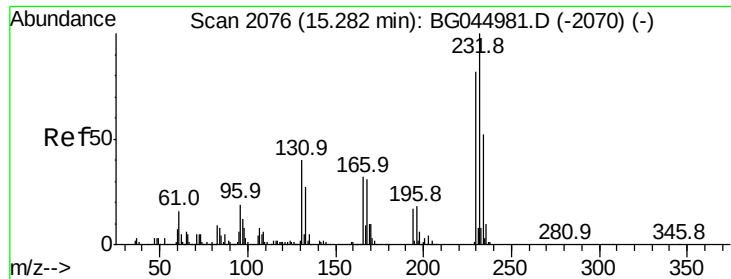
Tot Ion:165 Resp: 175525
 Ion Ratio Lower Upper
 165 100
 63 37.2 32.2 48.2
 89 67.7 61.7 92.5
 182 2.6 2.0 3.0



#58
 Fluorene
 Concen: 37.943 ng
 RT: 15.66 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion:166 Resp: 511269
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.9 119.9
 167 13.9 11.4 17.0

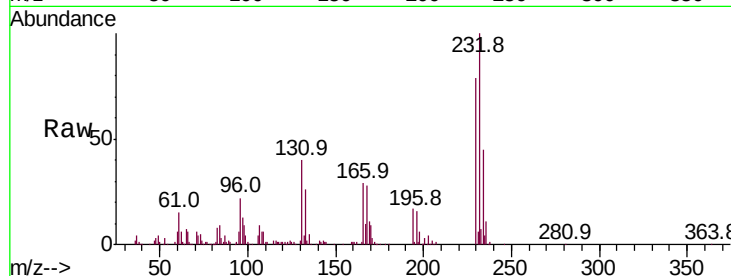




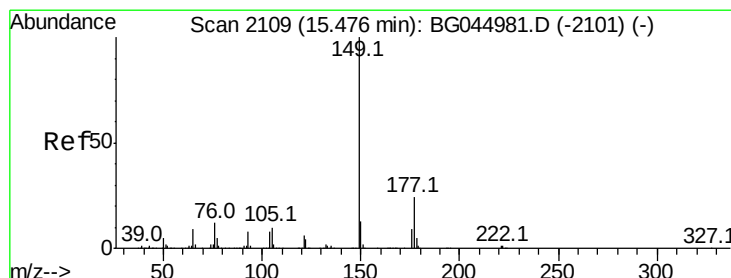
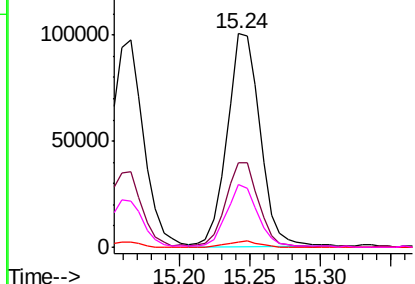
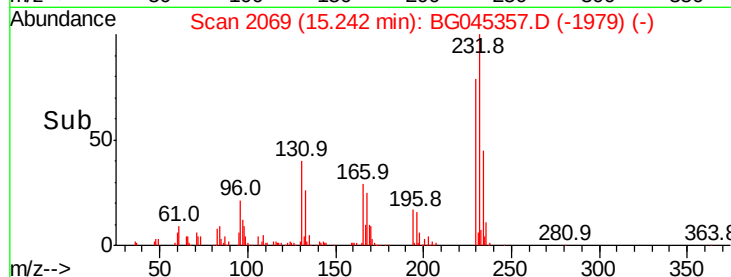
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.931 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

Tot Ion:	232	Resp:	162465
Ion	Ratio	Lower	Upper
232	100		
131	39.4	32.2	48.2
130	2.6	2.2	3.2
166	28.4	24.2	36.4

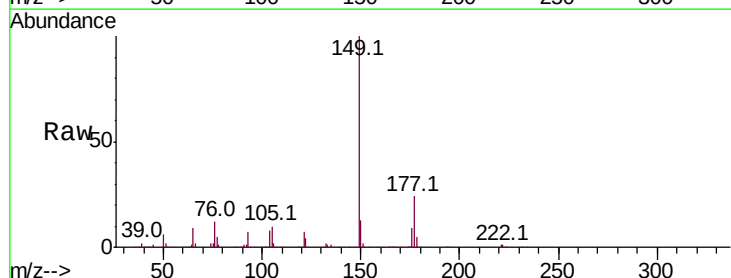


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

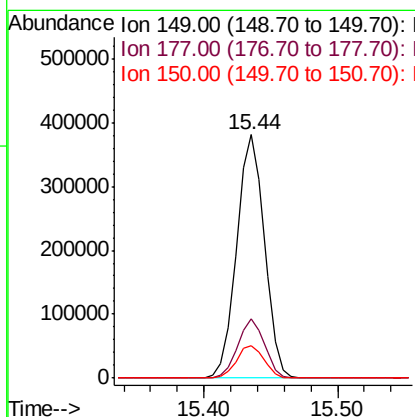
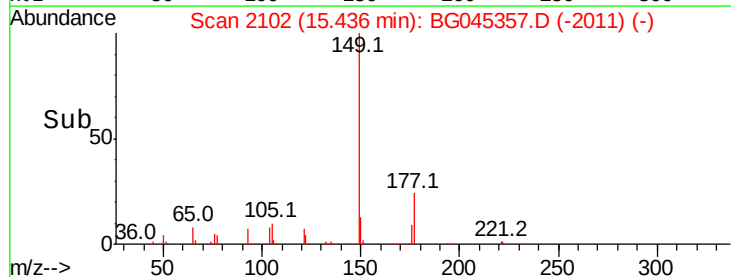


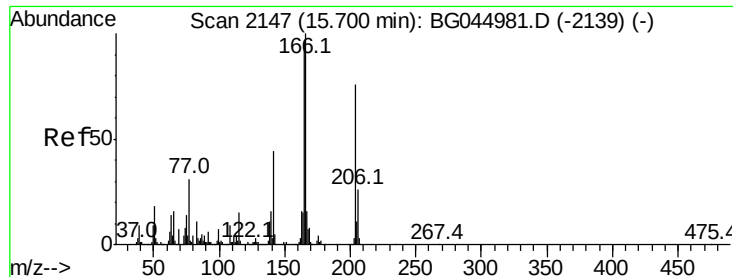
#60
 Diethylphthalate
 Concen: 36.524 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion:	149	Resp:	548152
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.9	28.3
150	13.5	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

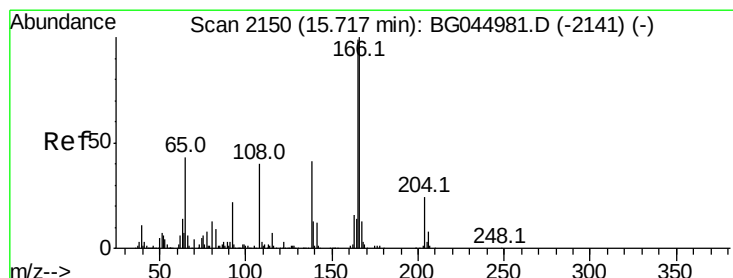
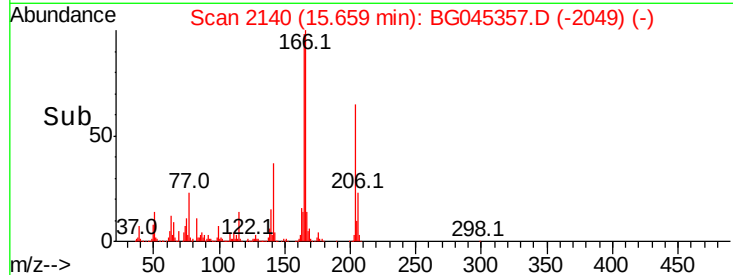
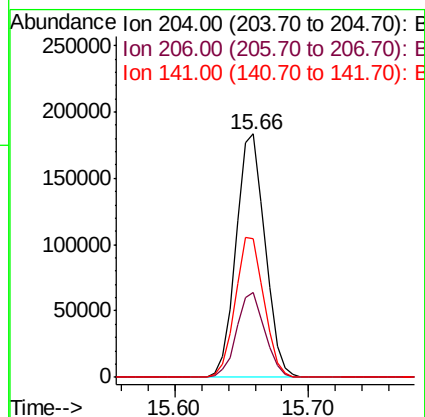
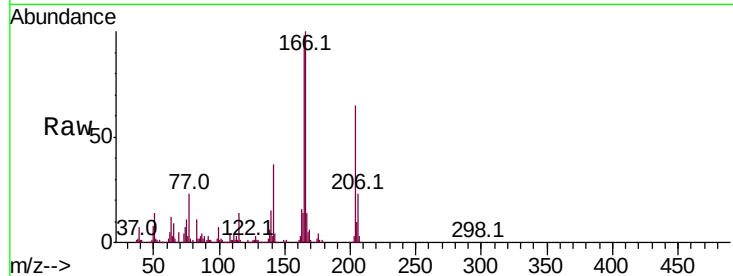




#61
4-Chlorophenyl-phenylether
Concen: 35.615 ng
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

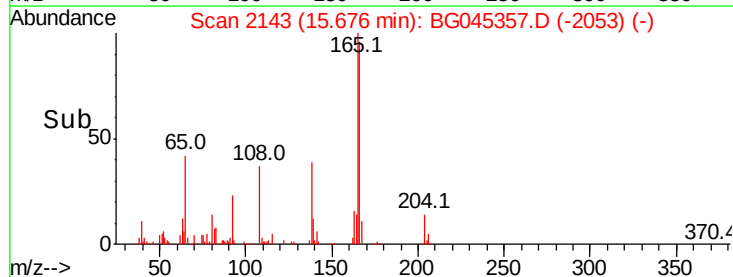
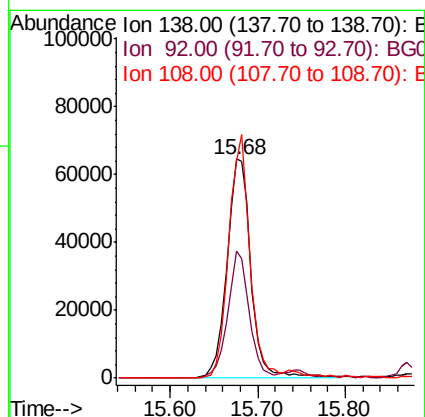
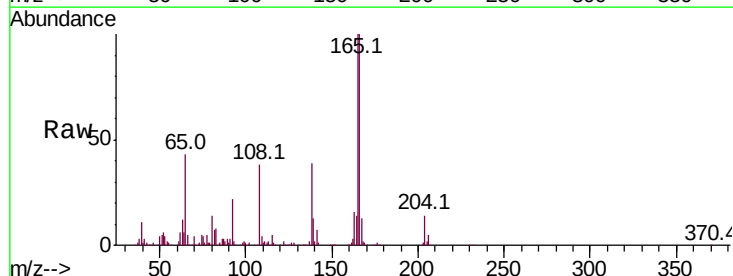
Instrument :
BNA_G
ClientSampleId :
PB128795BS

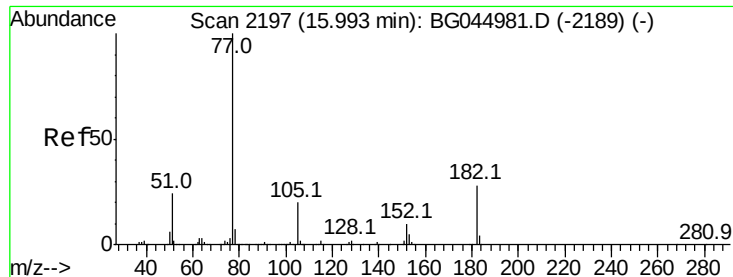
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.9	40.3
141	56.9	46.3	69.5



#62
4-Nitroaniline
Concen: 33.183 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	33.6	73.6
108	98.9	78.2	118.2





#63

Azobenzene

Concen: 37.383 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

Tot Ion: 77 Resp: 517254

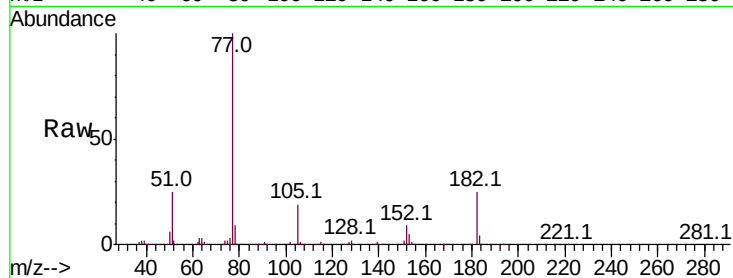
Ion Ratio Lower Upper

77 100

182 25.5 8.4 48.4

105 19.1 0.5 40.5

51 25.3 4.4 44.4

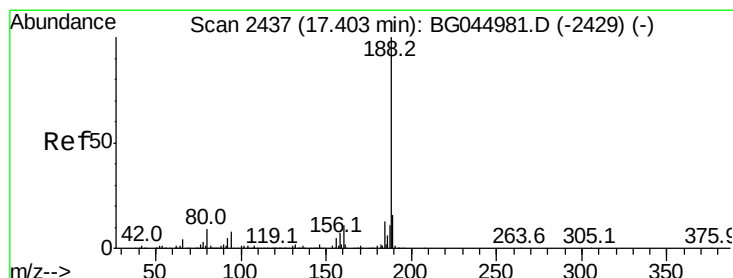
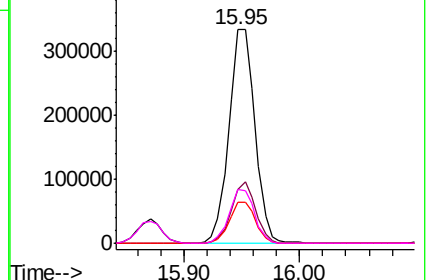
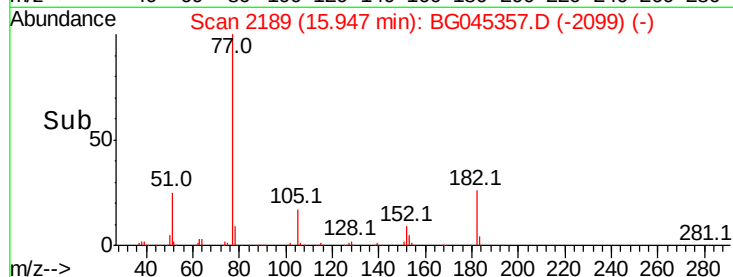


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

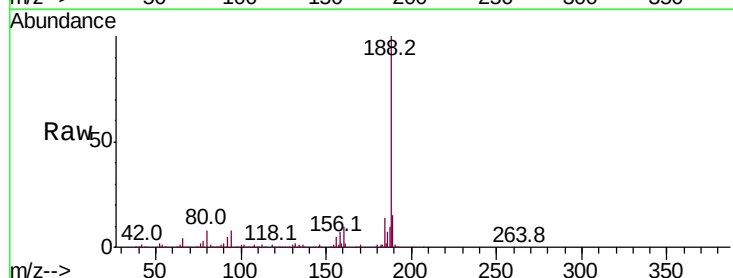
Tgt Ion: 188 Resp: 439239

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.4

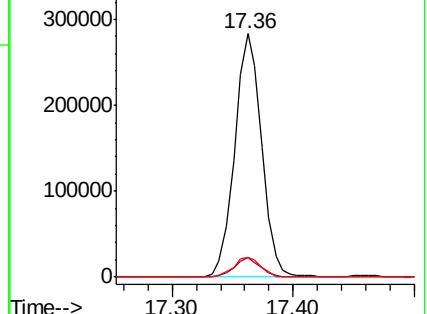
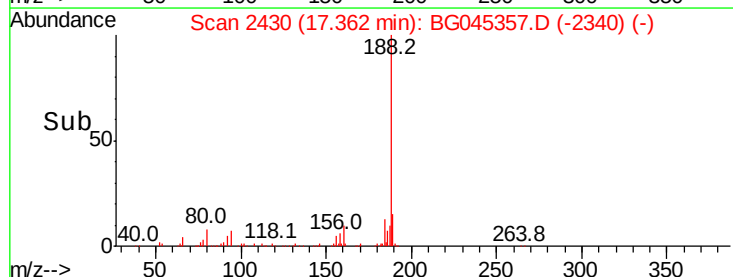
80 8.3 7.0 10.6

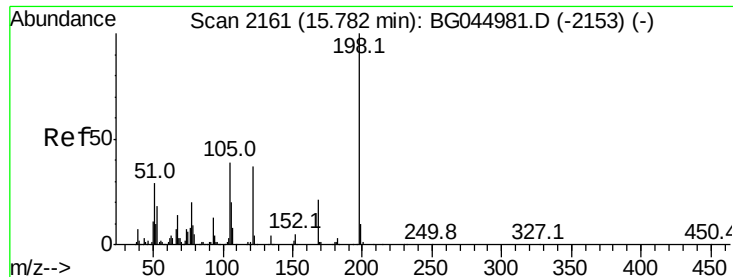


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.031 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

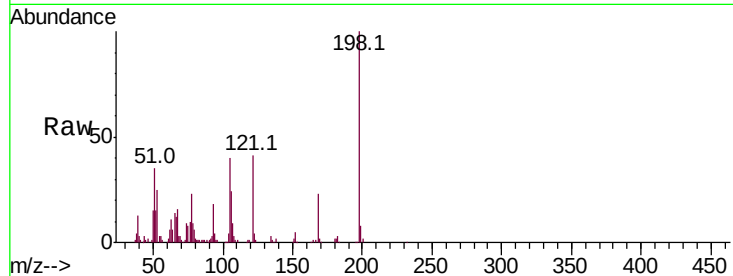
Tot Ion:198 Resp: 112688

Ion Ratio Lower Upper

198 100

51 34.6 10.0 50.0

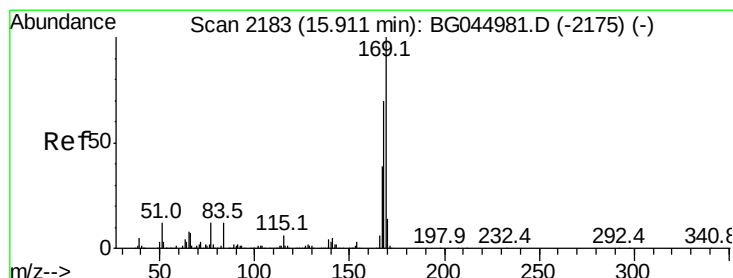
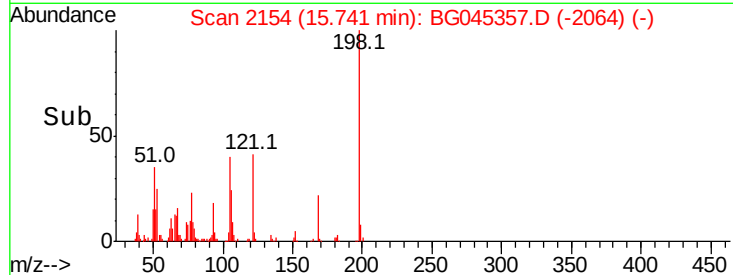
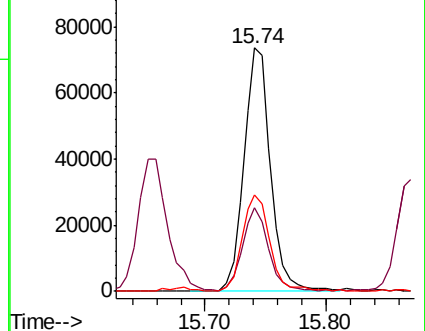
105 39.7 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.754 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

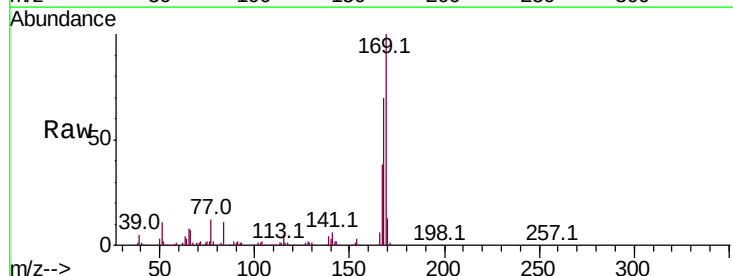
Tgt Ion:169 Resp: 463839

Ion Ratio Lower Upper

169 100

168 69.6 55.8 83.8

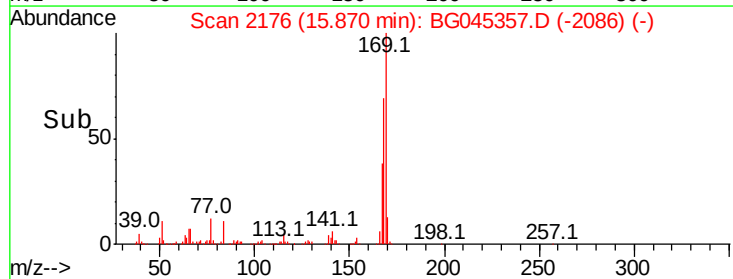
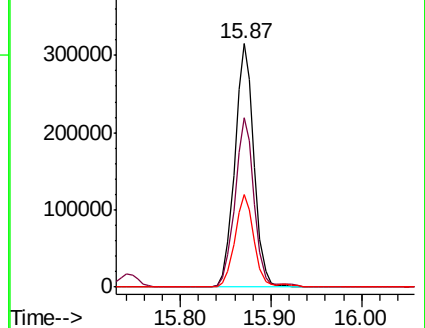
167 38.1 30.8 46.2

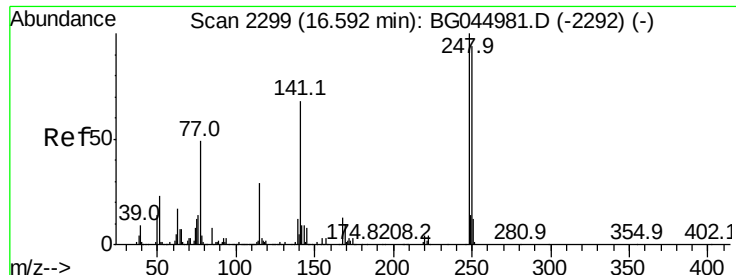


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

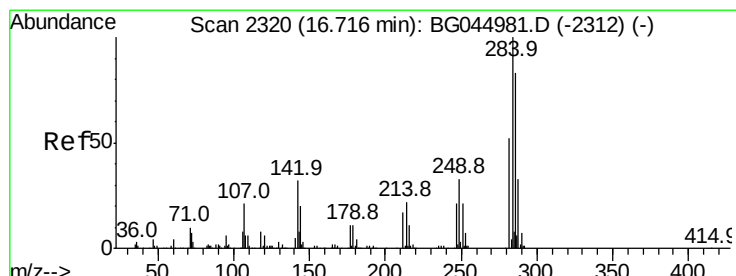
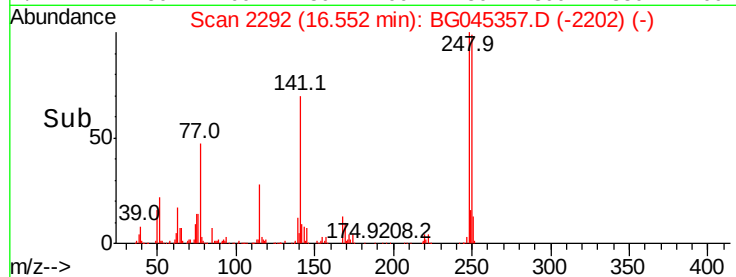
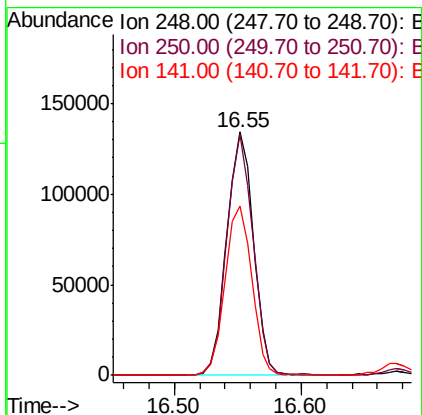
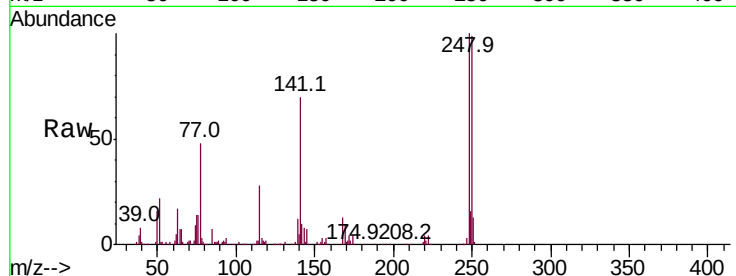




#67
4-Bromophenyl-phenylether
Concen: 34.494 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

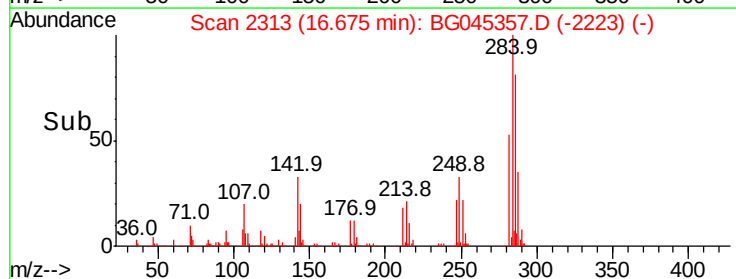
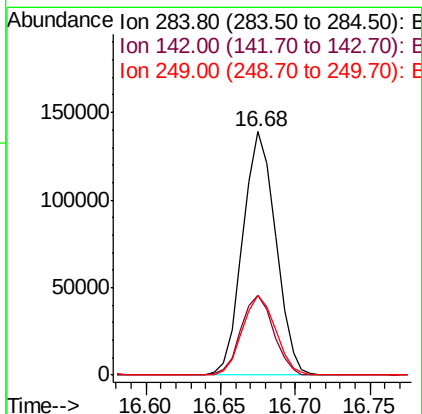
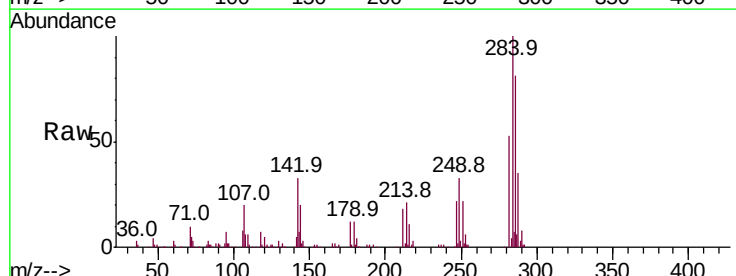
Instrument :
BNA_G
ClientSampleId :
PB128795BS

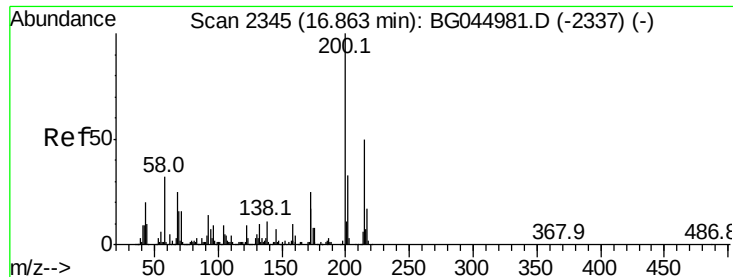
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	75.4	113.2
141	69.7	54.4	81.6



#68
Hexachlorobenzene
Concen: 36.225 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.8	38.6
249	32.9	26.6	39.8





#69

Atrazine

Concen: 38.094 ng

RT: 16.82 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

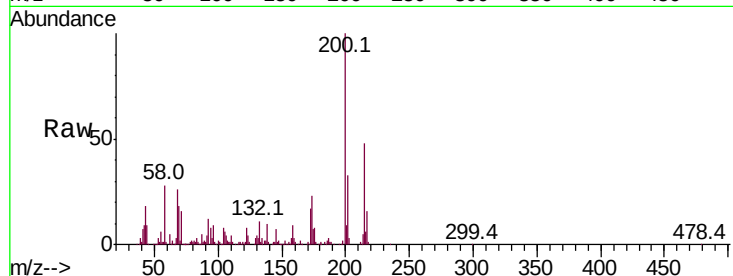
Tot Ion:200 Resp: 178724

Ion Ratio Lower Upper

200 100

173 23.5 4.5 44.5

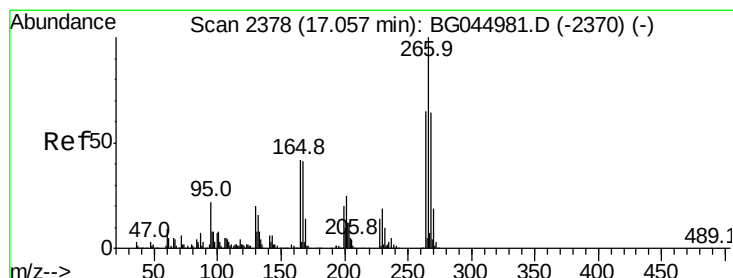
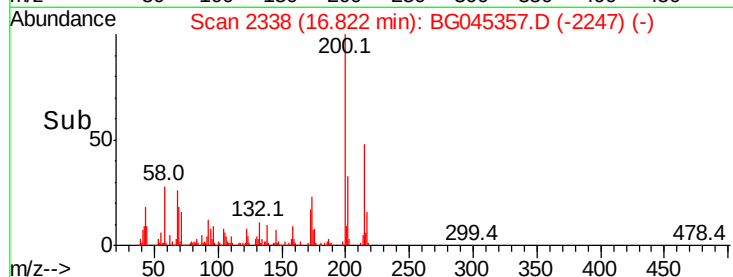
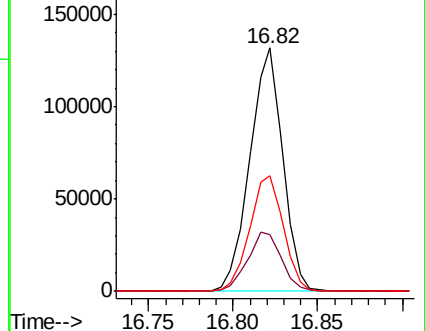
215 47.6 30.0 70.0



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: 70.635 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

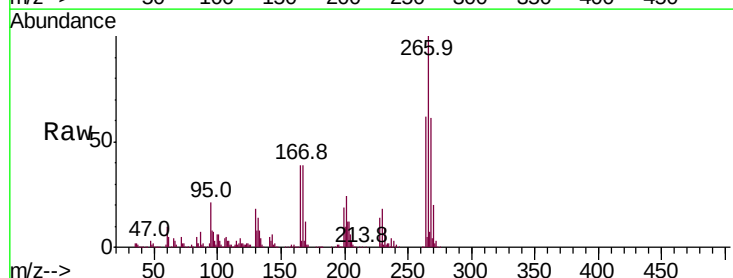
Tgt Ion:266 Resp: 254655

Ion Ratio Lower Upper

266 100

268 61.2 51.5 77.3

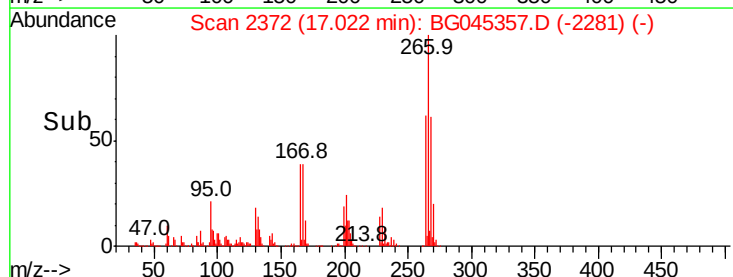
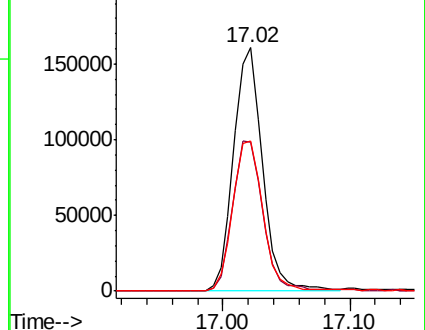
264 61.6 52.2 78.4

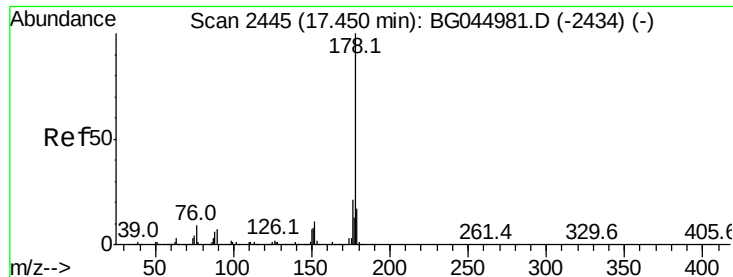


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

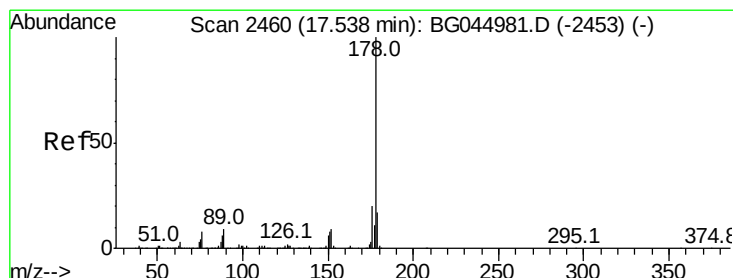
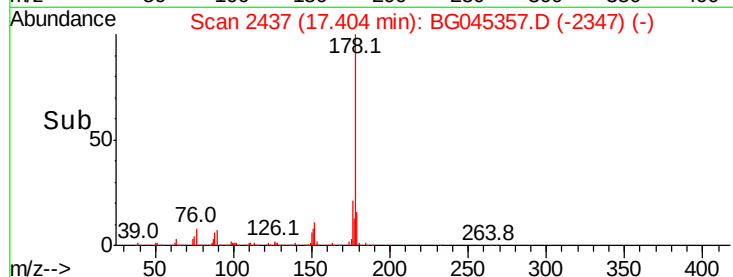
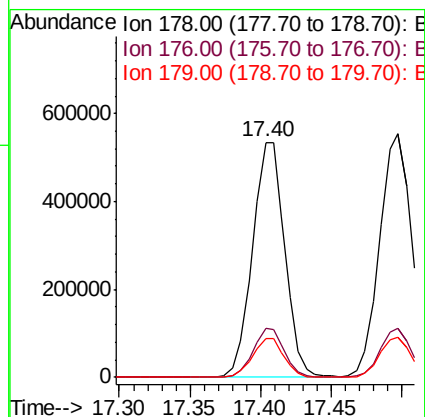
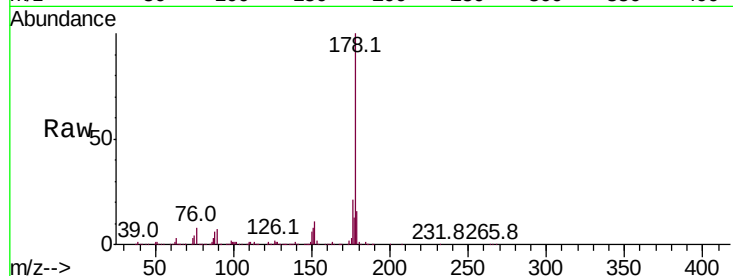




#71
Phenanthrene
Concen: 38.029 ng
RT: 17.40 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

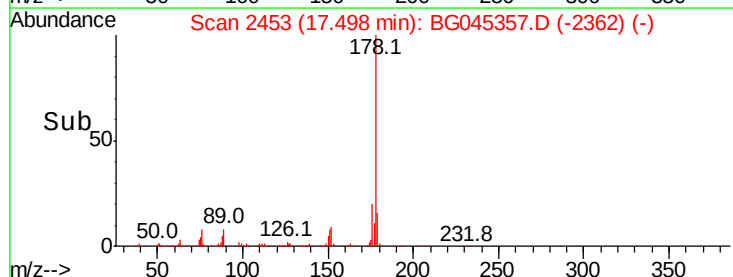
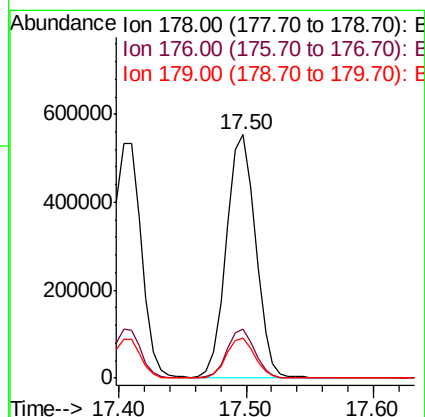
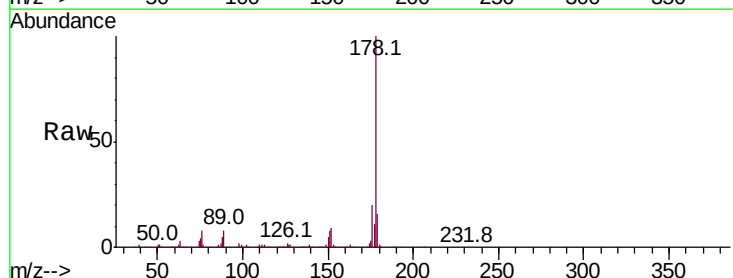
Instrument :
BNA_G
ClientSampleId :
PB128795BS

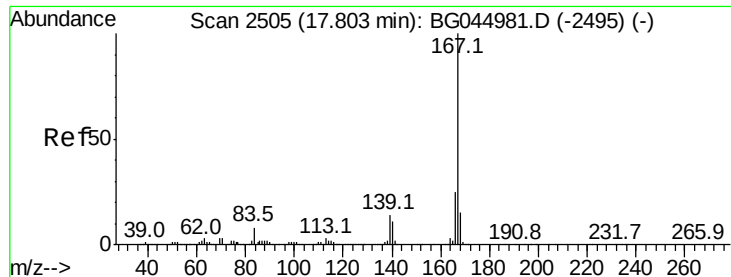
Tot Ion:178 Resp: 858363
Ion Ratio Lower Upper
178 100
176 20.9 16.8 25.2
179 16.4 13.2 19.8



#72
Anthracene
Concen: 39.001 ng
RT: 17.50 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion:178 Resp: 883042
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 16.4 13.6 20.4

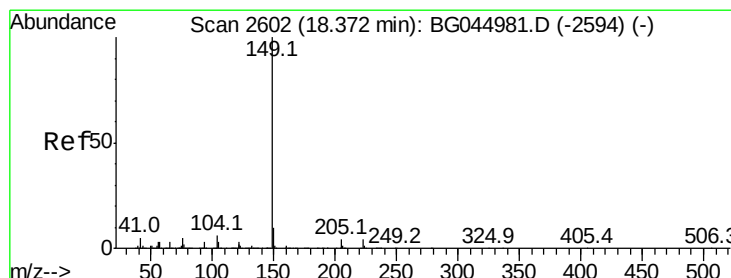
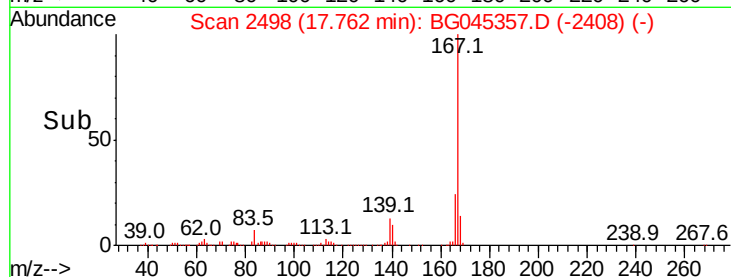
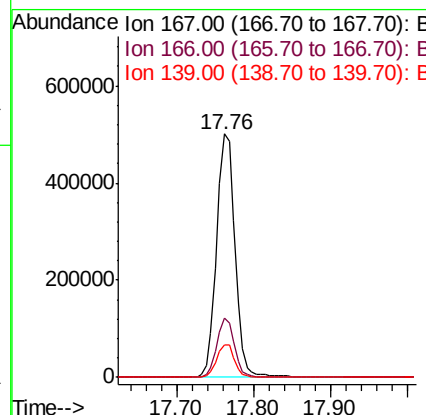
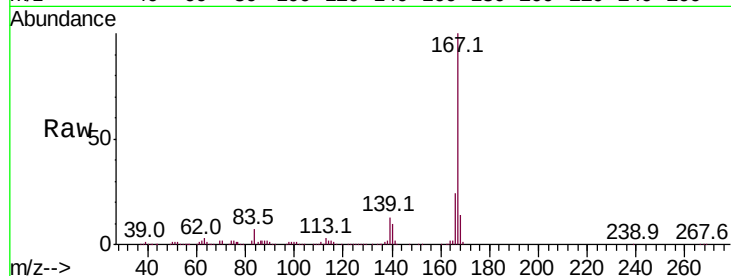




#73
 Carbazole
 Concen: 36.024 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

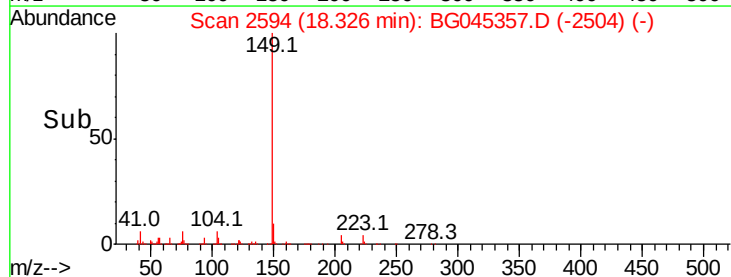
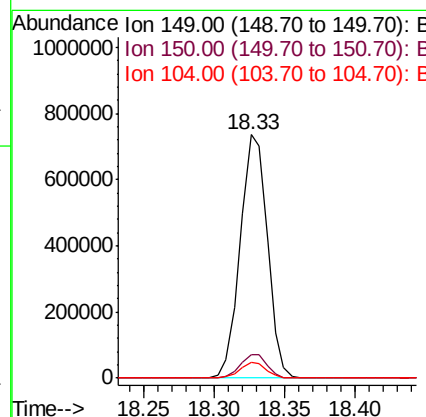
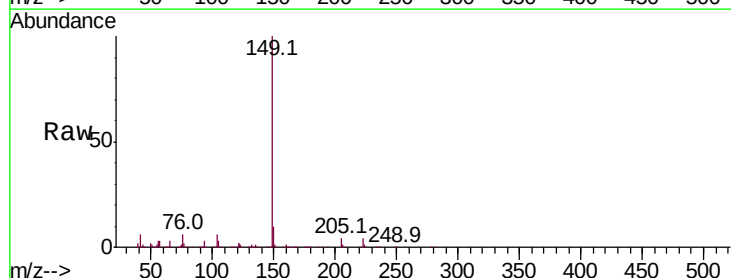
Instrument :
 BNA_G
 ClientSampleId :
 PB128795BS

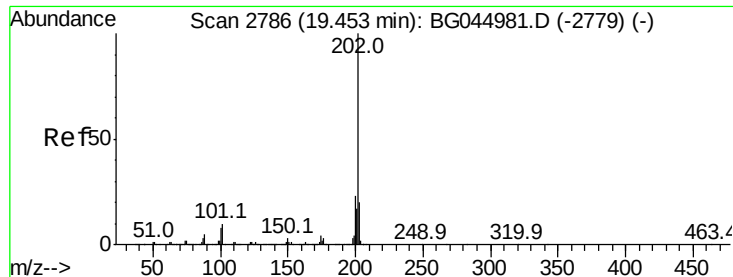
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.8	29.6
139	13.4	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 38.727 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG045357.D
 Acq: 13 May 2020 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	6.3	4.8	7.2

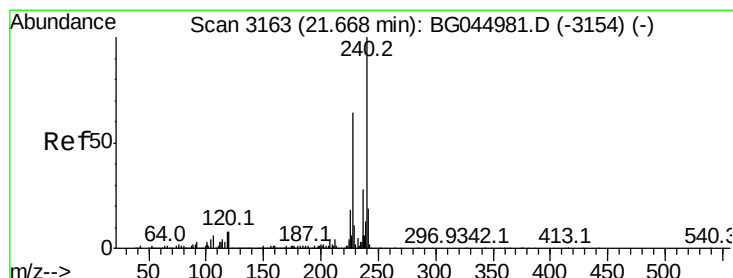
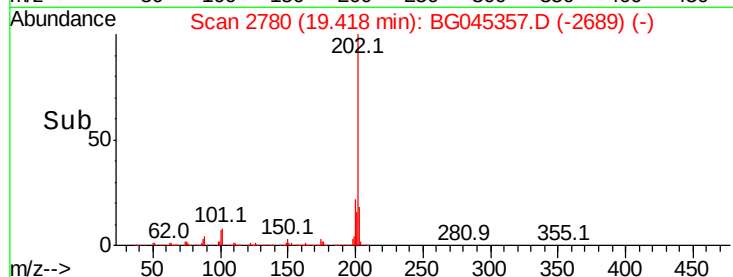
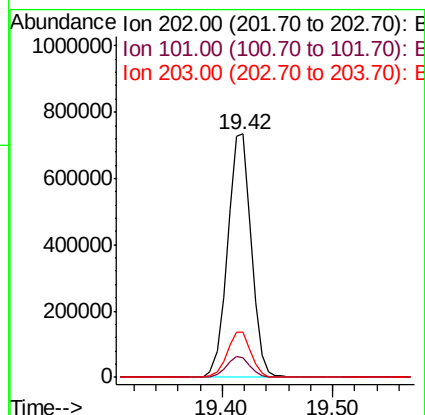
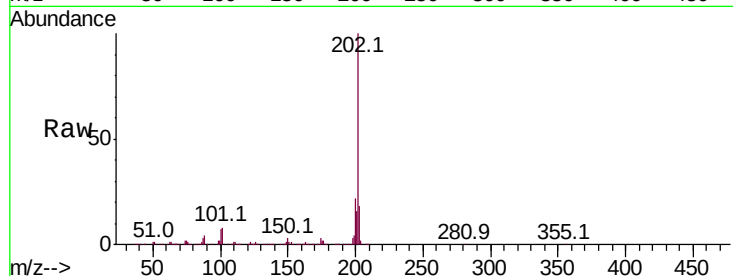




#75
Fluoranthene
Concen: 40.993 ng
RT: 19.42 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

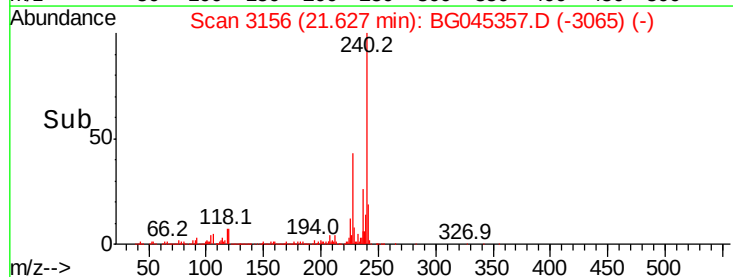
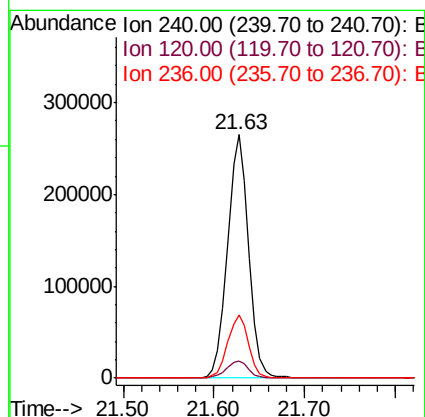
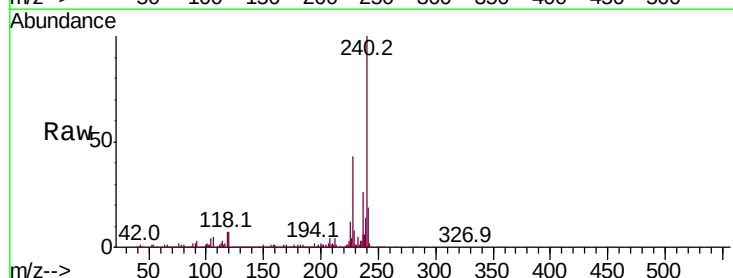
Instrument :
BNA_G
ClientSampleId :
PB128795BS

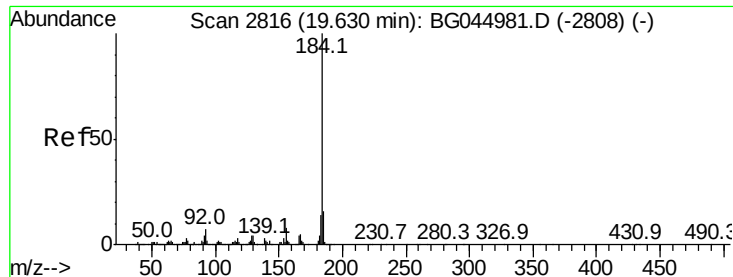
Tot Ion:202 Resp: 1102115
Ion Ratio Lower Upper
202 100
101 8.2 0.0 29.6
203 18.5 0.0 39.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG045357.D
Acq: 13 May 2020 11:39

Tgt Ion:240 Resp: 424930
Ion Ratio Lower Upper
240 100
120 7.0 6.6 10.0
236 26.1 22.2 33.2





#77

Benzidine

Concen: 35.727 ng

RT: 19.59 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

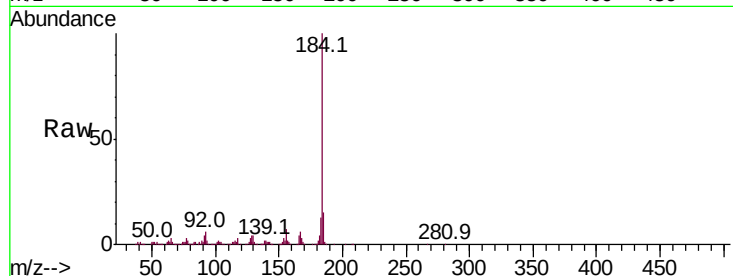
BNA_G

ClientSampleId :

PB128795BS

Tot Ion:184 Resp: 454817

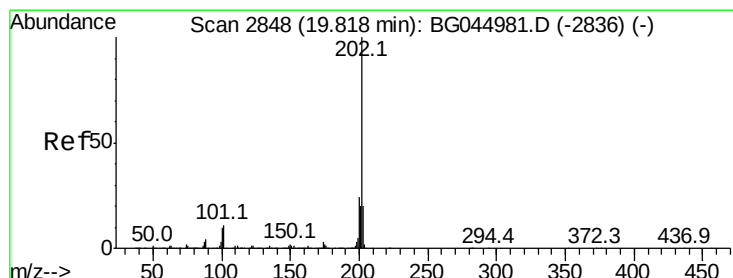
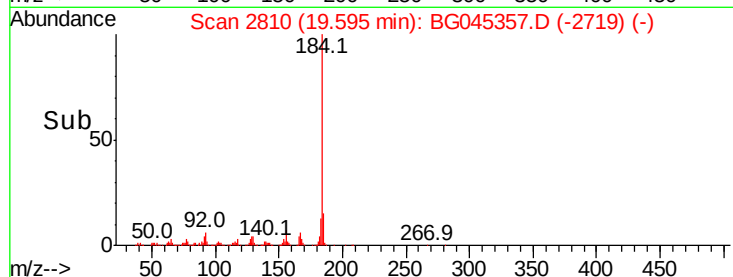
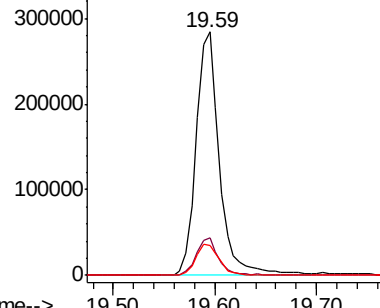
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	19.0
183	12.5	11.3	16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.141 ng

RT: 19.78 min Scan# 2841

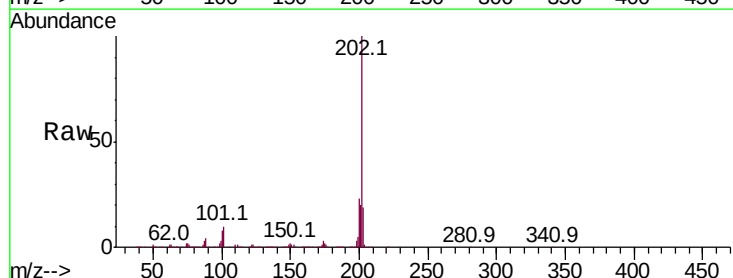
Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:202 Resp: 1088035

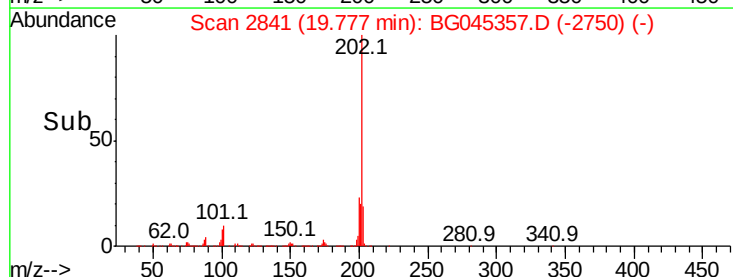
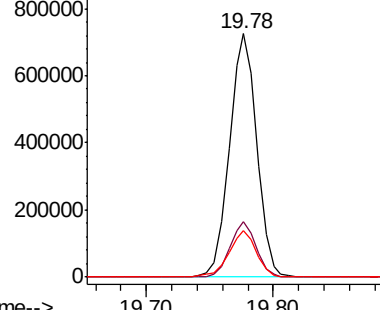
Ion	Ratio	Lower	Upper
202	100		
200	22.9	19.0	28.6
203	18.9	16.1	24.1

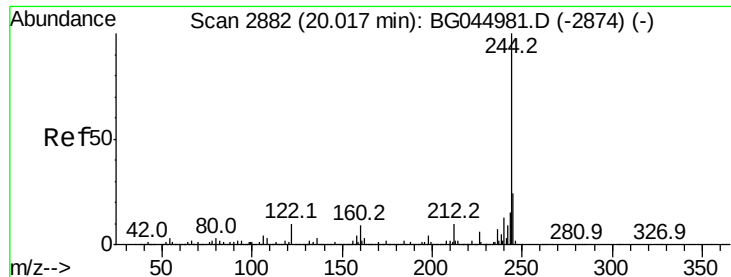


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.216 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

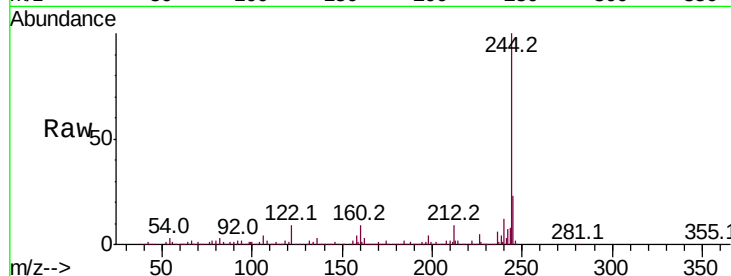
Tot Ion:244 Resp: 1661385

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.9	11.9
122	8.8	7.7	11.5

244 100

212 9.4 7.9 11.9

122 8.8 7.7 11.5

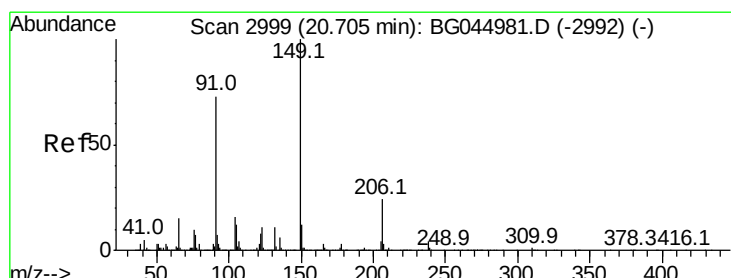
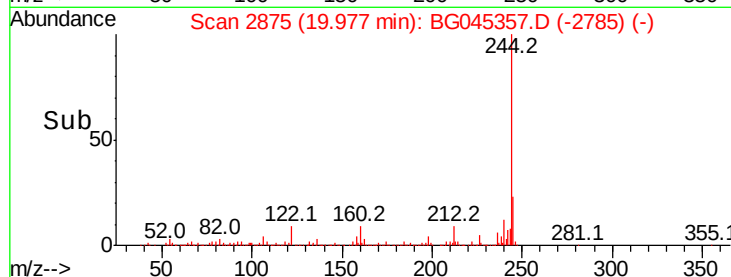
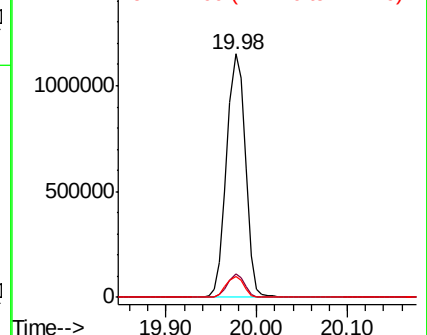


Abundance

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: 37.400 ng

RT: 20.66 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

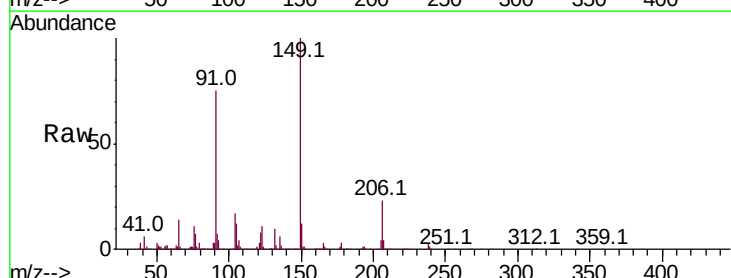
Tgt Ion:149 Resp: 454145

Ion	Ratio	Lower	Upper
149	100		
91	75.5	58.5	87.7
206	23.1	19.2	28.8

149 100

91 75.5 58.5 87.7

206 23.1 19.2 28.8

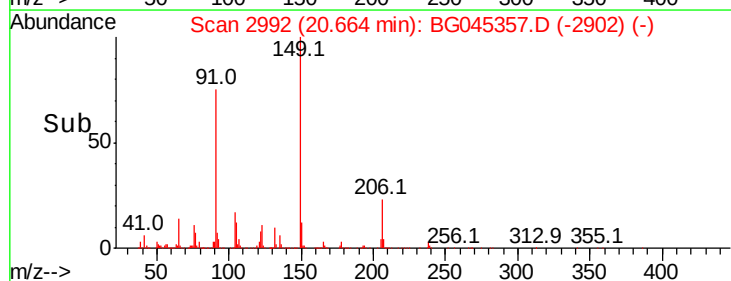
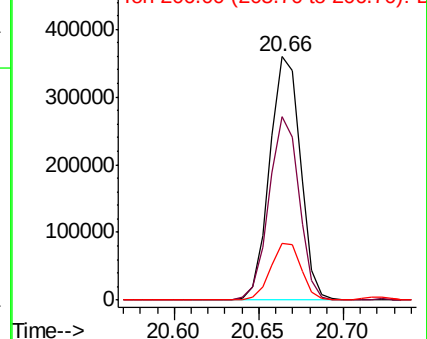


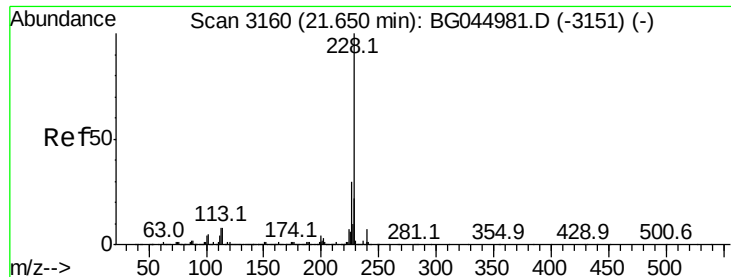
Abundance

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: 38.038 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

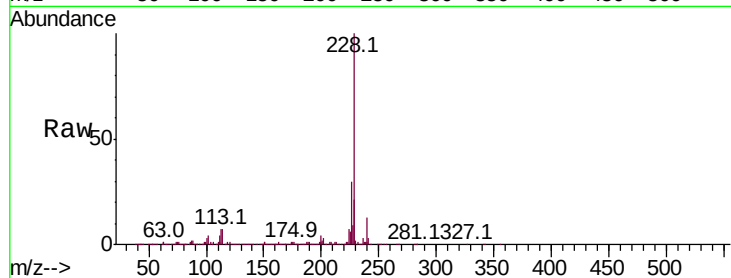
Tot Ion:228 Resp: 1047614

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.3	17.5	26.3

228 100

226 29.8 24.0 36.0

229 21.3 17.5 26.3

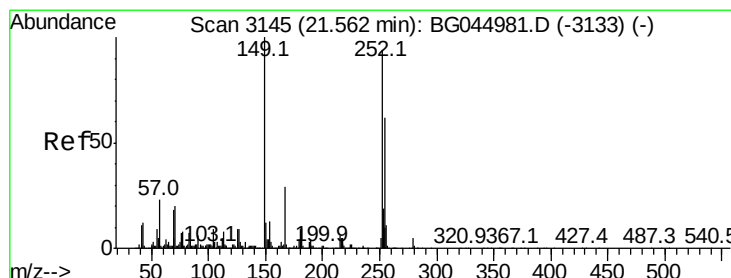
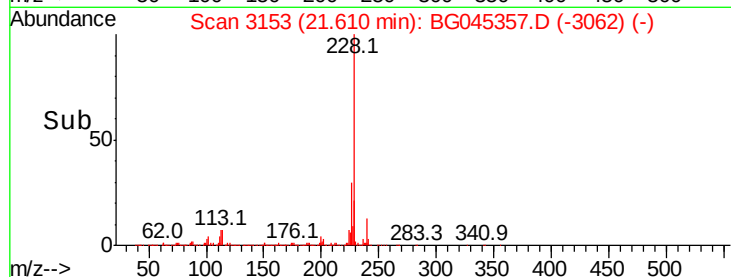
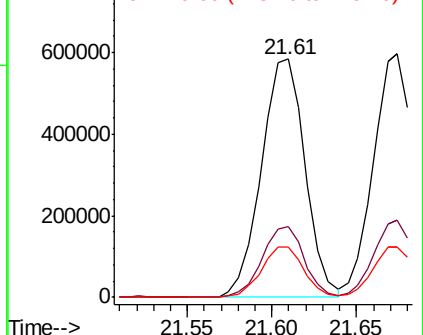


Abundance

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: 22.556 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

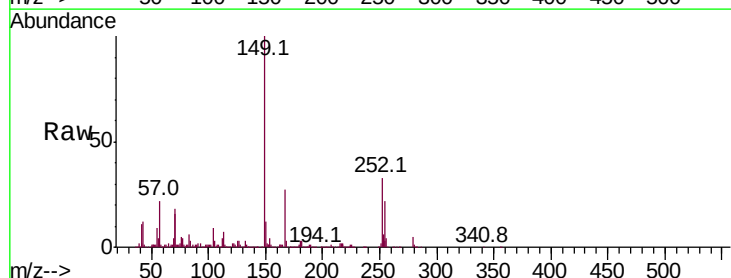
Tgt Ion:252 Resp: 247259

Ion	Ratio	Lower	Upper
252	100		
254	67.0	52.6	79.0
126	7.8	7.5	11.3

252 100

254 67.0 52.6 79.0

126 7.8 7.5 11.3

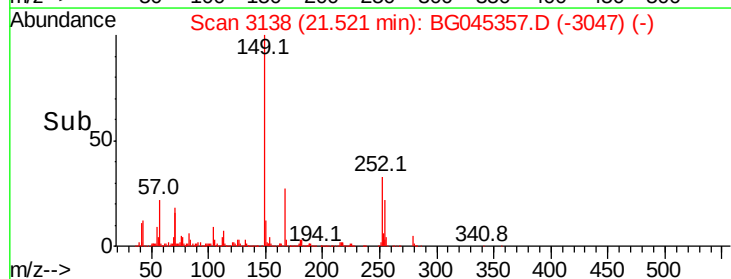
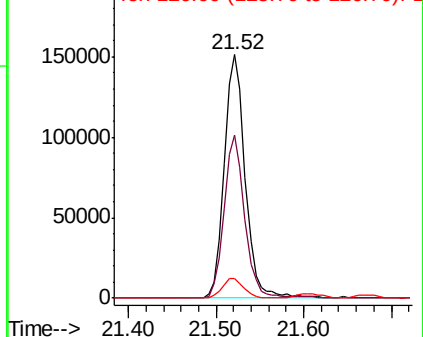


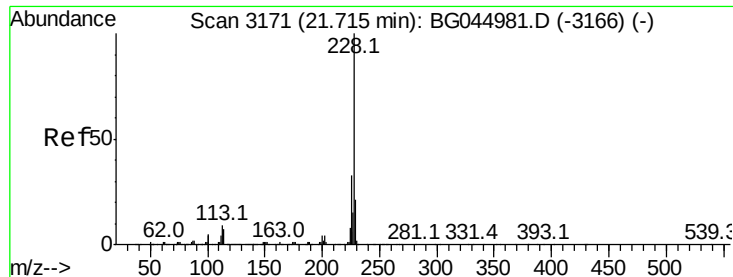
Abundance

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: 37.502 ng

RT: 21.67 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

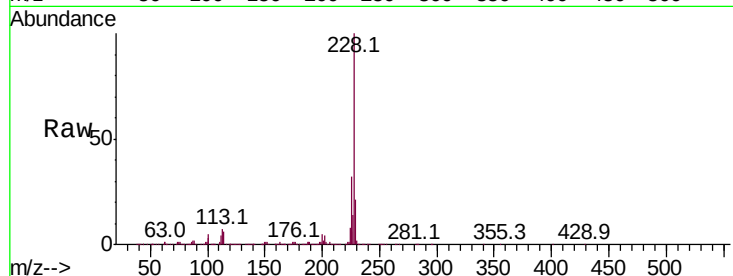
BNA_G

ClientSampleId :

PB128795BS

Tot Ion:228 Resp: 992386

Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.2	39.4
229	20.9	17.0	25.6

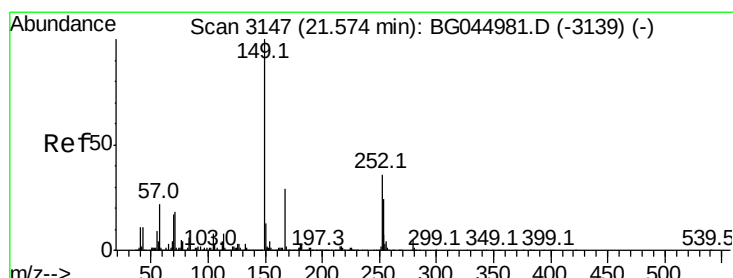
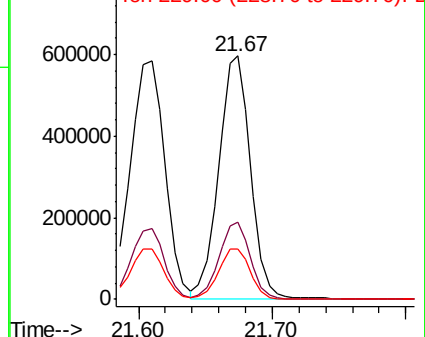
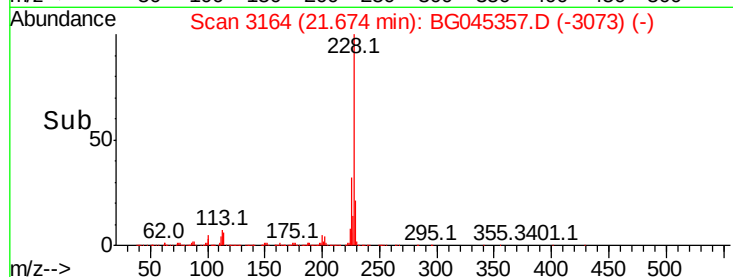


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.406 ng

RT: 21.52 min Scan# 3138

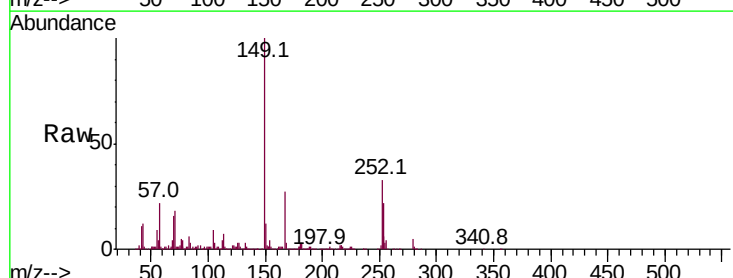
Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Tgt Ion:149 Resp: 641408

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.4	35.0
279	5.1	4.3	6.5

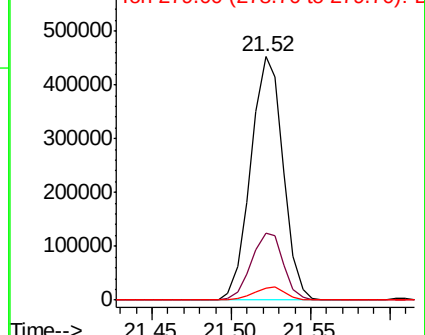
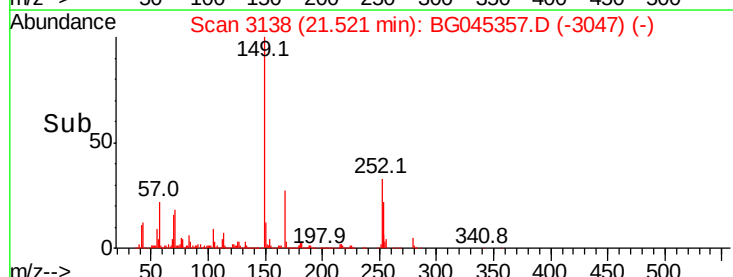


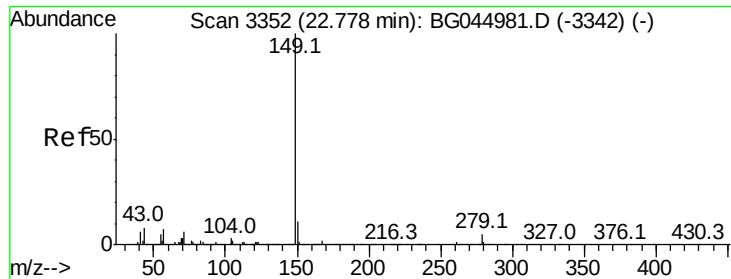
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.666 ng

RT: 22.71 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

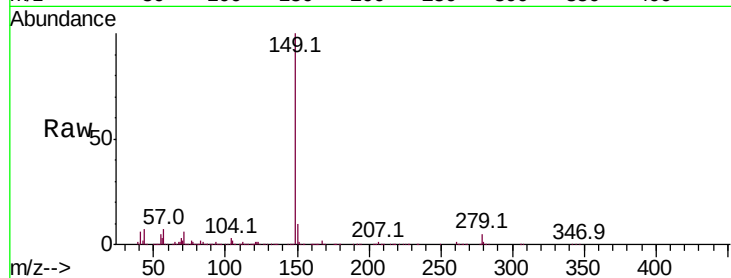
Tot Ion:149 Resp: 1087804

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

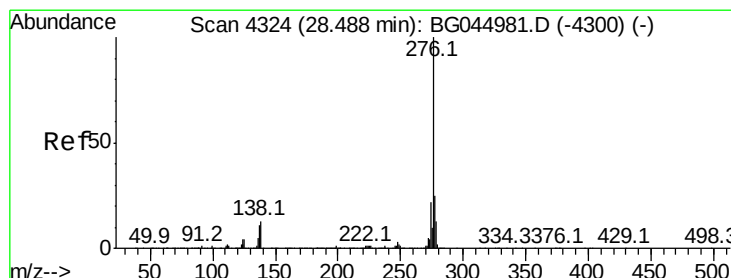
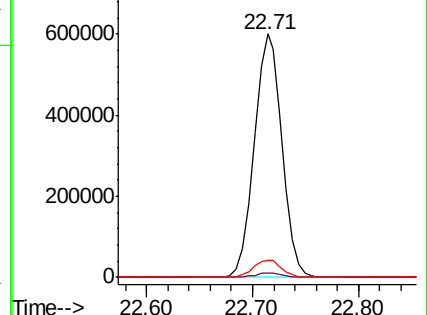
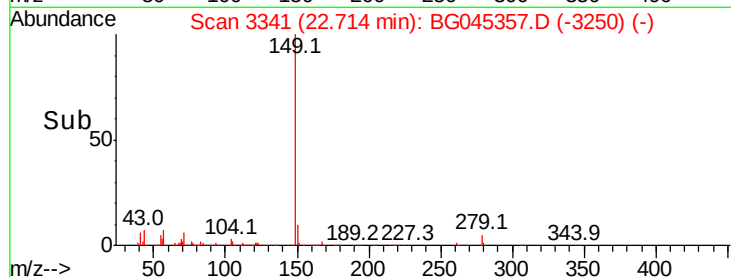
43 7.2 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.328 ng

RT: 28.37 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

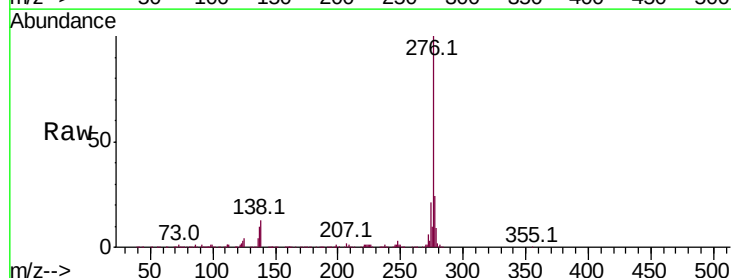
Tgt Ion:276 Resp: 1346602

Ion Ratio Lower Upper

276 100

138 8.3 9.6 14.4#

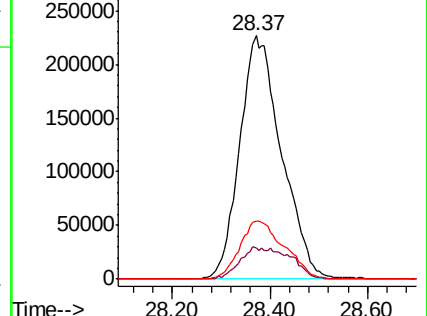
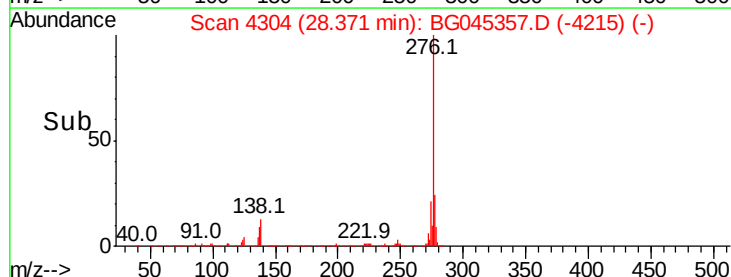
277 25.6 20.6 31.0

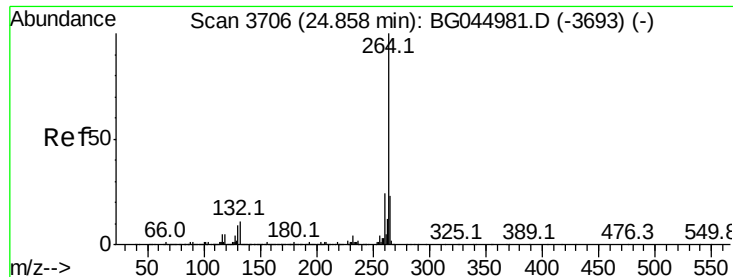


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

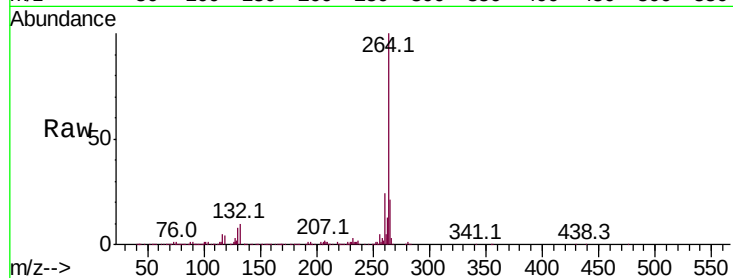
Tot Ion:264 Resp: 470033

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

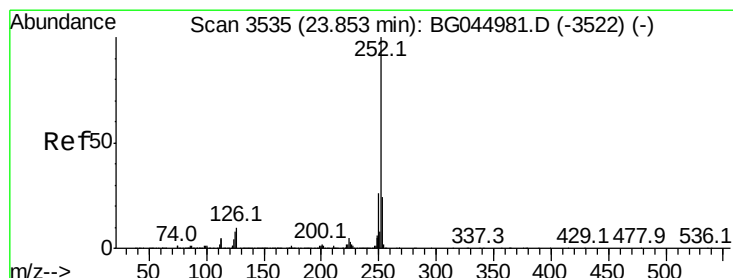
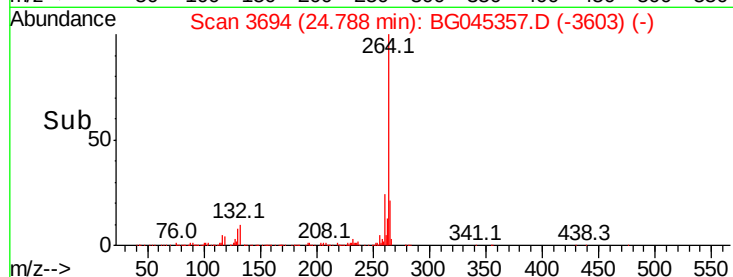
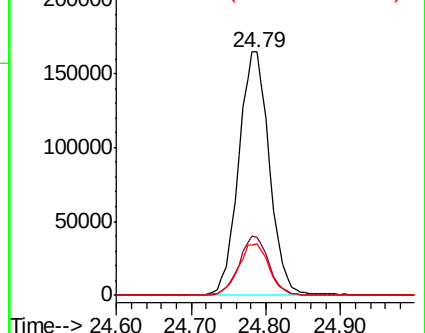
265 21.2 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.151 ng

RT: 23.79 min Scan# 3524

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

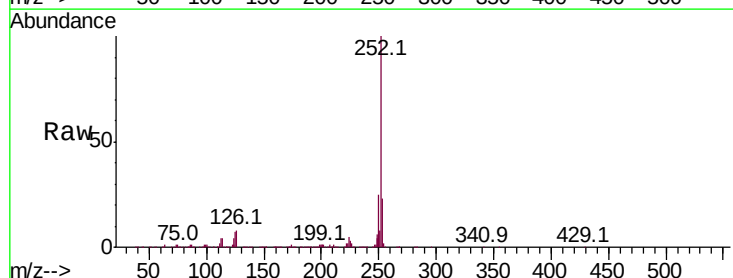
Tgt Ion:252 Resp: 1123255

Ion Ratio Lower Upper

252 100

253 22.6 18.8 28.2

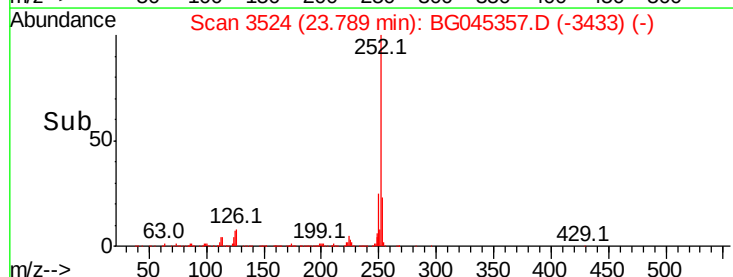
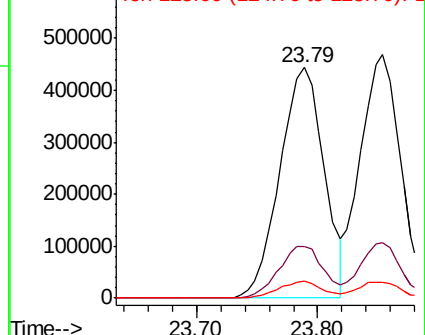
125 7.1 6.2 9.4

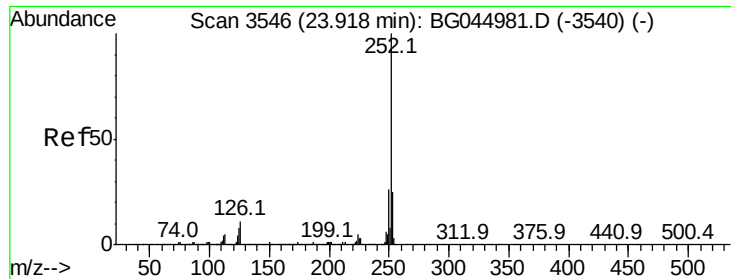


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.935 ng

RT: 23.85 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

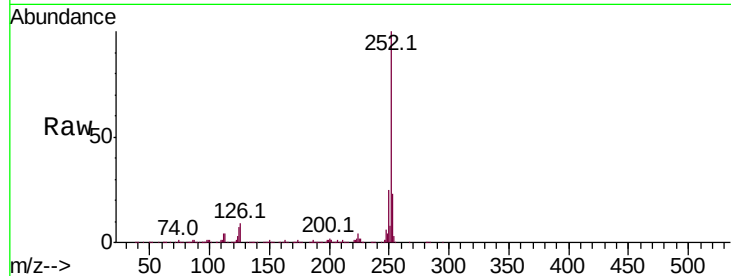
Tot Ion:252 Resp: 1090180

Ion Ratio Lower Upper

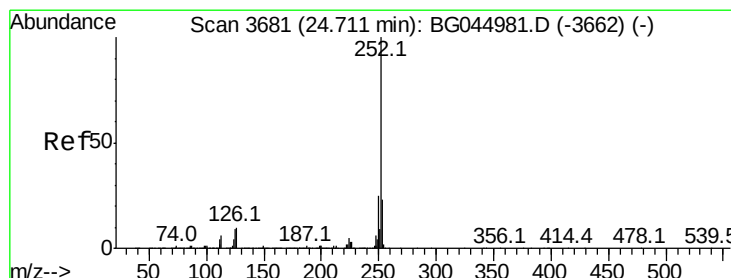
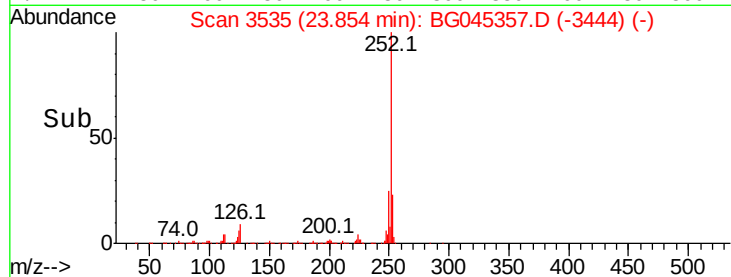
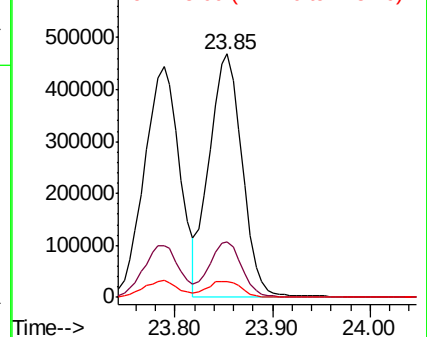
252 100

253 22.8 19.2 28.8

125 6.5 5.9 8.9



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



#90

Benzo(a)pyrene

Concen: 37.506 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

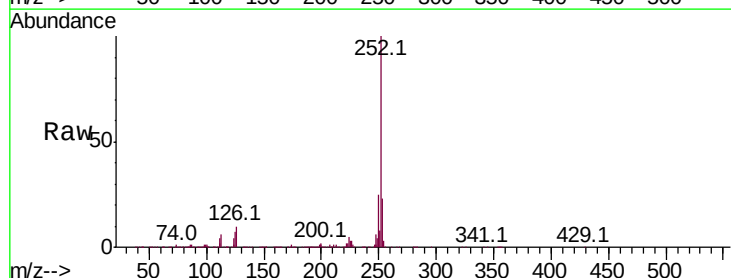
Tgt Ion:252 Resp: 1042619

Ion Ratio Lower Upper

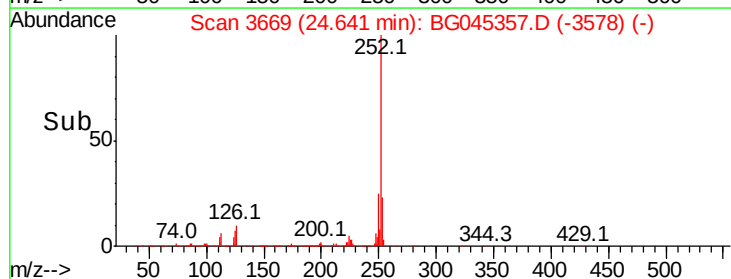
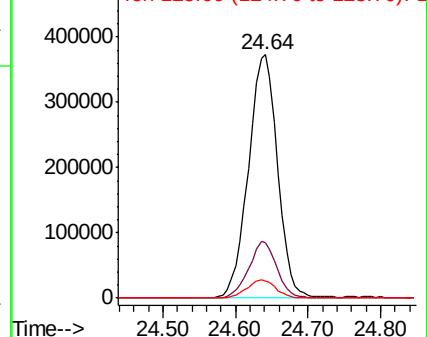
252 100

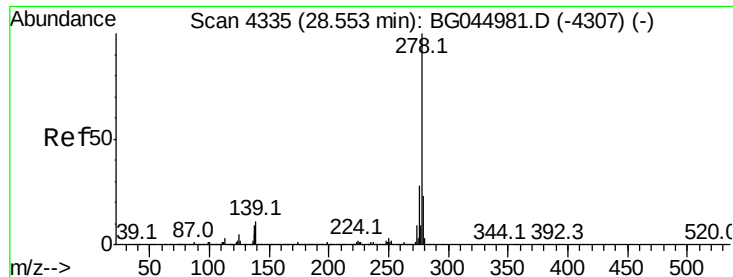
253 23.0 18.3 27.5

125 7.0 7.0 10.6#



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





#91

Dibenzo(a,h)anthracene

Concen: 39.124 ng

RT: 28.44 min Scan# 4316

Delta R.T. 0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

Instrument :

BNA_G

ClientSampleId :

PB128795BS

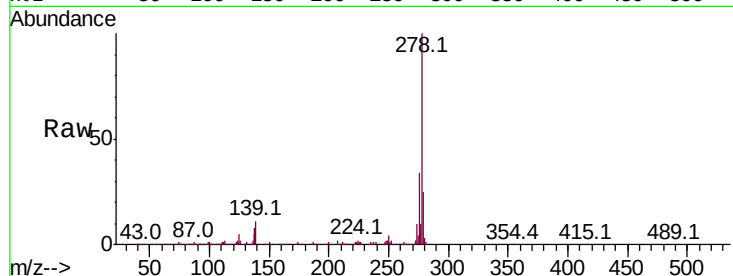
Tot Ion:278 Resp: 1095894

Ion Ratio Lower Upper

278 100

139 10.8 9.0 13.6

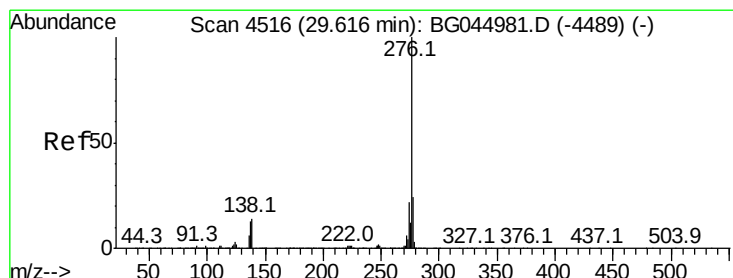
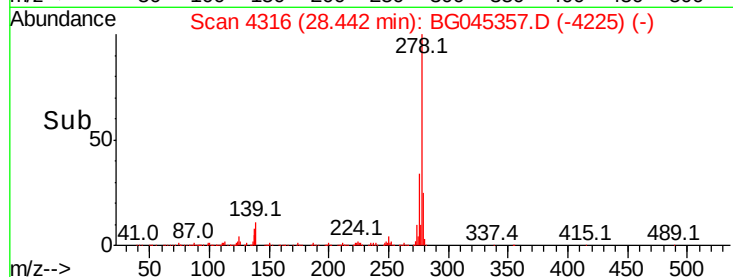
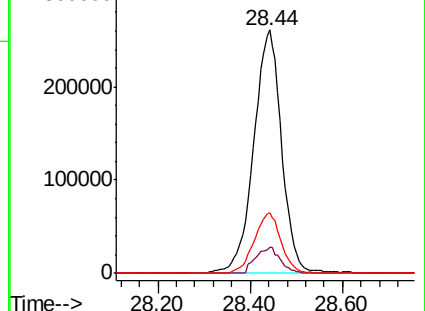
279 24.8 18.4 27.6



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: 39.564 ng

RT: 29.50 min Scan# 4496

Delta R.T. -0.00 min

Lab File: BG045357.D

Acq: 13 May 2020 11:39

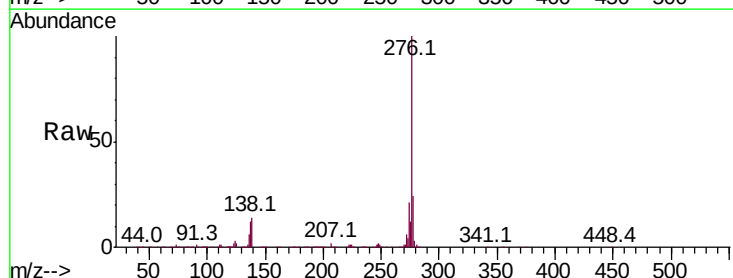
Tgt Ion:276 Resp: 1111061

Ion Ratio Lower Upper

276 100

277 24.4 19.3 28.9

138 13.9 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

