

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052620\
 Data File : BG045458.D
 Acq On : 26 May 2020 15:33
 Operator : CG/JU
 Sample : PB129076BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

Quant Time: May 26 16:10:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	67556	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	281265	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	207860	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	496442	20.00	ng	0.00
76) Chrysene-d12	21.61	240	467532	20.00	ng	0.00
87) Perylene-d12	24.76	264	529454	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	533113	154.22	ng	0.00
7) Phenol-d6	7.18	99	750571	152.55	ng	0.00
23) Nitrobenzene-d5	9.12	82	475821	92.25	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	380088	142.98	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1113522	90.87	ng	0.00
79) Terphenyl-d14	19.97	244	1936439	96.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	67956	39.643	ng	96
3) Pyridine	3.81	79	158051	33.106	ng	98
4) n-Nitrosodimethylamine	3.72	42	71515	45.778	ng	# 88
6) Aniline	7.29	93	261482	40.712	ng	97
8) 2-Chlorophenol	7.54	128	200327	52.846	ng	98
9) Benzaldehyde	7.09	77	129788	40.489	ng	97
10) Phenol	7.21	94	264574	52.176	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	181687	45.936	ng	99
12) 1,3-Dichlorobenzene	7.85	146	205077	45.018	ng	97
13) 1,4-Dichlorobenzene	7.99	146	211774	47.107	ng	99
14) 1,2-Dichlorobenzene	8.32	146	200491	46.368	ng	96
15) Benzyl Alcohol	8.21	79	202636	49.856	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	170530	45.421	ng	97
17) 2-Methylphenol	8.45	107	180585	47.579	ng	94
18) Hexachloroethane	9.05	117	78853	45.797	ng	91
19) n-Nitroso-di-n-propylamine	8.76	70	166605	48.969	ng	99
20) 3+4-Methylphenols	8.78	107	239395	46.319	ng	# 59
22) Acetophenone	8.78	105	299682	44.955	ng	# 92
24) Nitrobenzene	9.16	77	247193	44.732	ng	98
25) Isophorone	9.69	82	460418	45.327	ng	97
26) 2-Nitrophenol	9.88	139	112511	47.594	ng	95
27) 2,4-Dimethylphenol	9.97	122	193509	55.191	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	253919	47.666	ng	96
29) 2,4-Dichlorophenol	10.44	162	209264	50.543	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	223296	45.642	ng	98
31) Naphthalene	10.82	128	605893	46.228	ng	99
32) Benzoic acid	10.15	122	127694	52.391	ng	96
33) 4-Chloroaniline	10.94	127	160195	29.240	ng	96
34) Hexachlorobutadiene	11.11	225	155029	44.828	ng	98
35) Caprolactam	11.70	113	42203	27.770	ng	93
36) 4-Chloro-3-methylphenol	12.10	107	240042	51.451	ng	96
37) 2-Methylnaphthalene	12.43	142	468897	47.999	ng	99
38) 1-Methylnaphthalene	12.65	142	444377	48.155	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	267215	46.025	ng	99

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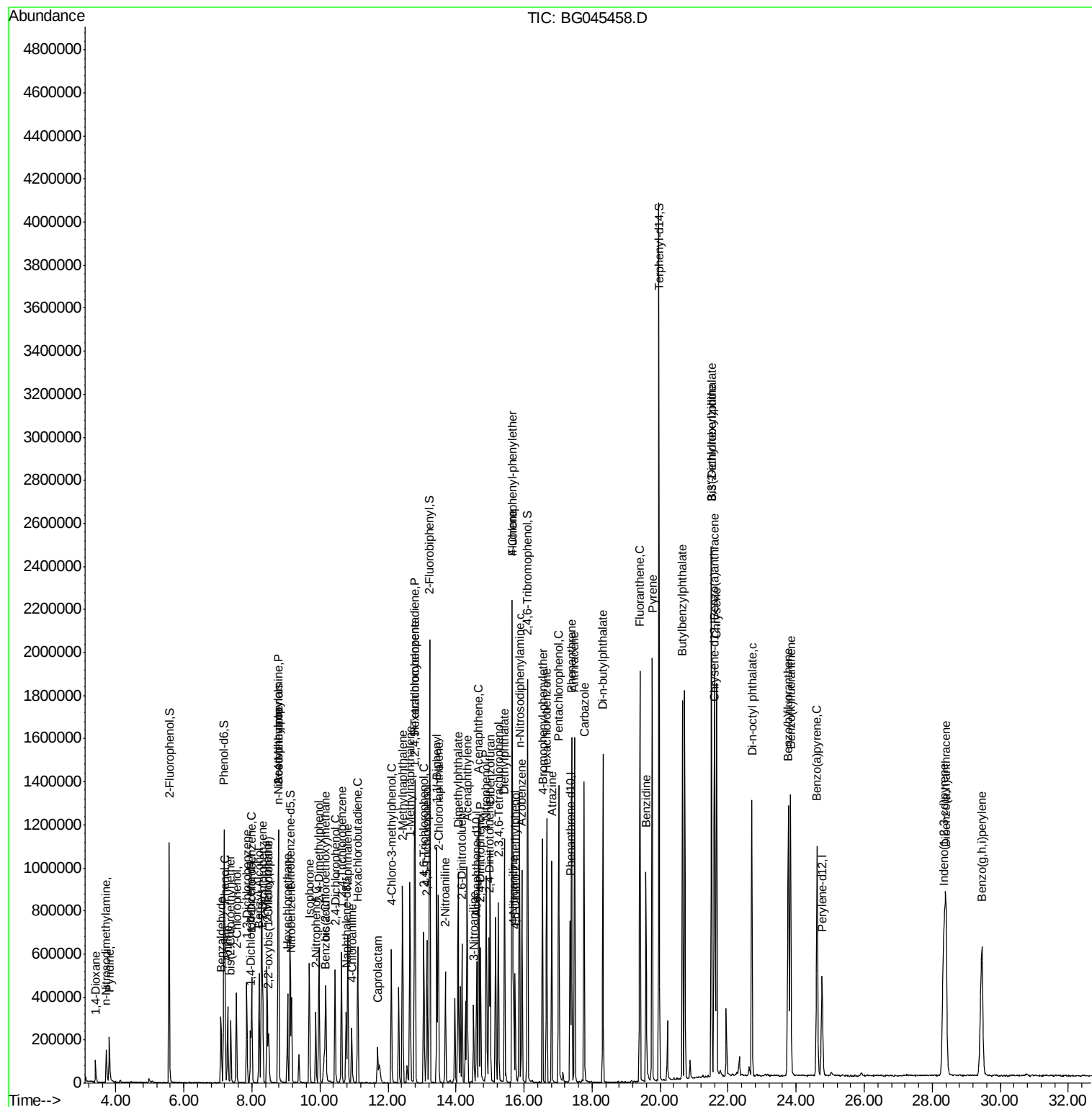
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	345363	103.062	ng	97
43) 2,4,6-Trichlorophenol	13.05	196	188983	46.858	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	201991	43.827	ng	97
46) 1,1'-Biphenyl	13.44	154	612474	47.954	ng	98
47) 2-Chloronaphthalene	13.48	162	464086	44.747	ng	99
48) 2-Nitroaniline	13.69	65	151794	44.493	ng	90
49) Acenaphthylene	14.33	152	785696	47.163	ng	99
50) Dimethylphthalate	14.06	163	653517	45.832	ng	100
51) 2,6-Dinitrotoluene	14.18	165	147265	45.769	ng	94
52) Acenaphthene	14.67	154	460159	41.265	ng	97
53) 3-Nitroaniline	14.52	138	102709	31.402	ng	96
54) 2,4-Dinitrophenol	14.72	184	166726	79.164	ng	95
55) Dibenzofuran	15.00	168	752069	45.415	ng	97
56) 4-Nitrophenol	14.89	139	233135	94.146	ng	94
57) 2,4-Dinitrotoluene	14.97	165	212641	45.632	ng	98
58) Fluorene	15.66	166	622565	45.761	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	196492	48.460	ng	100
60) Diethylphthalate	15.43	149	667075	44.947	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	347229	44.602	ng	98
62) 4-Nitroaniline	15.68	138	150221	43.994	ng	95
63) Azobenzene	15.94	77	632370	45.696	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	128045	44.287	ng	99
66) n-Nitrosodiphenylamine	15.87	169	564133	47.328	ng	98
67) 4-Bromophenyl-phenylether	16.54	248	248208	46.173	ng	99
68) Hexachlorobenzene	16.67	284	265842	47.282	ng	96
69) Atrazine	16.82	200	218671	44.540	ng	99
70) Pentachlorophenol	17.02	266	279358	95.690	ng	97
71) Phenanthrene	17.39	178	1031941	47.615	ng	99
72) Anthracene	17.49	178	1063096	48.846	ng	98
73) Carbazole	17.76	167	971138	45.776	ng	98
74) Di-n-butylphthalate	18.32	149	1149511	45.144	ng	99
75) Fluoranthene	19.41	202	1296684	47.039	ng	100
77) Benzidine	19.59	184	615323	46.861	ng	99
78) Pyrene	19.77	202	1278777	47.982	ng	99
80) Butylbenzylphthalate	20.65	149	521083	45.298	ng	98
81) Benzo(a)anthracene	21.59	228	1232250	47.313	ng	98
82) 3,3'-Dichlorobenzidine	21.51	252	364656	35.693	ng	98
83) Chrysene	21.66	228	1178886	47.075	ng	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	728108	46.045	ng	100
85) Di-n-octyl phthalate	22.69	149	1236342	45.522	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1592185	48.619	ng	# 96
88) Benzo(b)fluoranthene	23.77	252	1319790	46.479	ng	99
89) Benzo(k)fluoranthene	23.83	252	1320060	49.483	ng	100
90) Benzo(a)pyrene	24.61	252	1231981	46.586	ng	# 98
91) Dibenzo(a,h)anthracene	28.40	278	1288967	48.503	ng	100
92) Benzo(g,h,i)perylene	29.45	276	1321748	49.730	ng	98

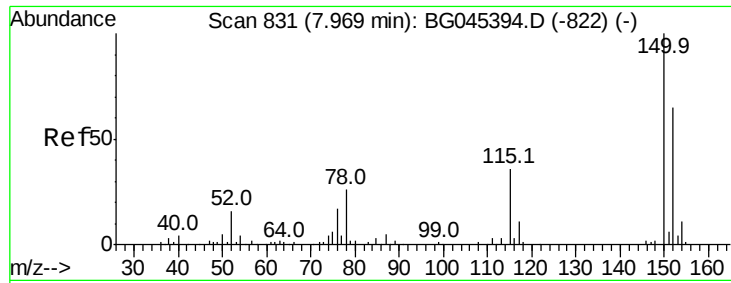
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

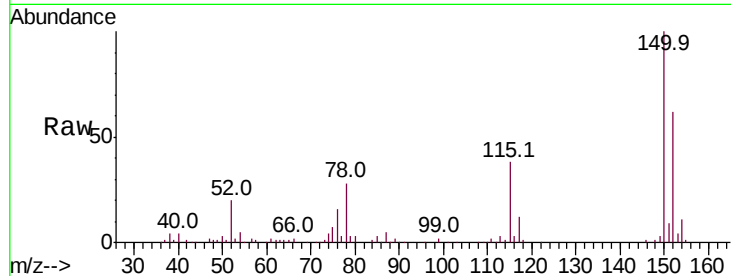
Tot Ion:152 Resp: 67556

Ion Ratio Lower Upper

152 100

150 161.2 122.4 183.6

115 61.3 44.2 66.4

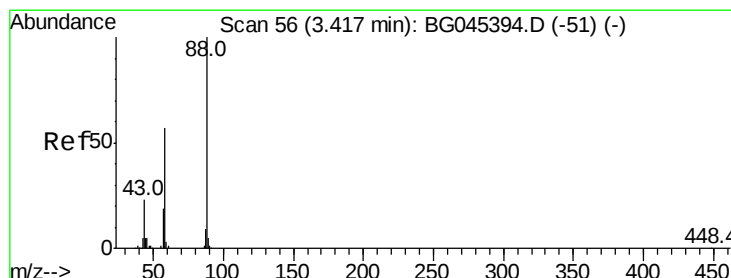
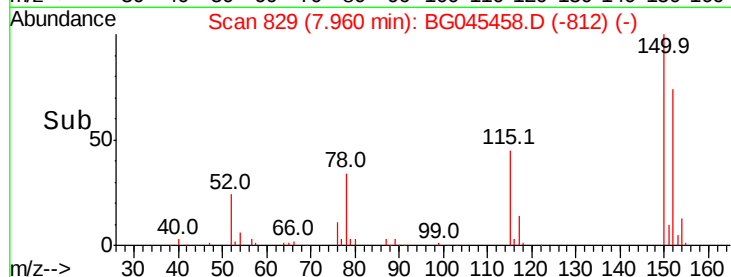
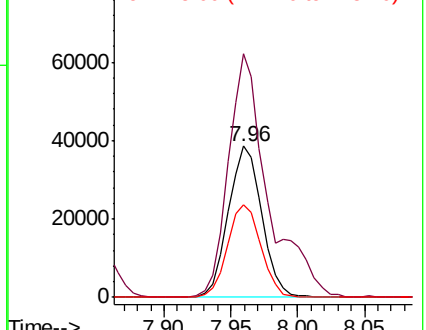


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.643 ng

RT: 3.41 min Scan# 54

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

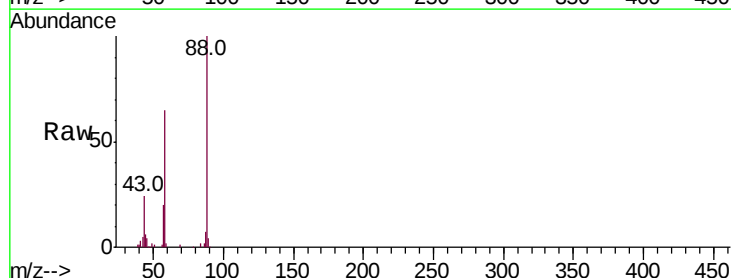
Tgt Ion: 88 Resp: 67956

Ion Ratio Lower Upper

88 100

58 59.9 45.7 68.5

43 23.0 16.8 25.2

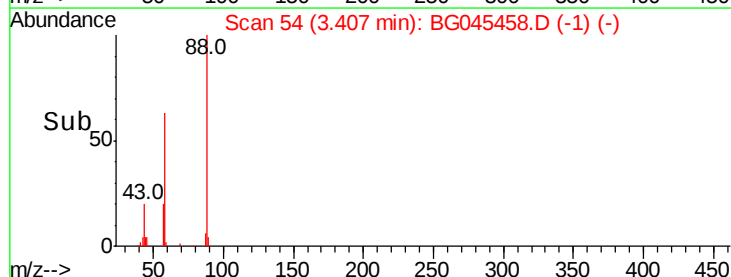
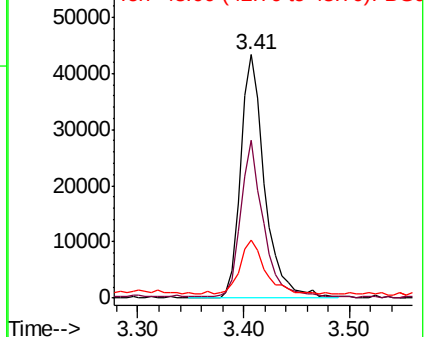


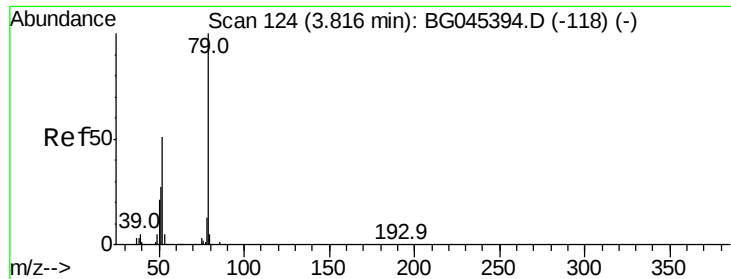
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.106 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampled :

PB129076BS

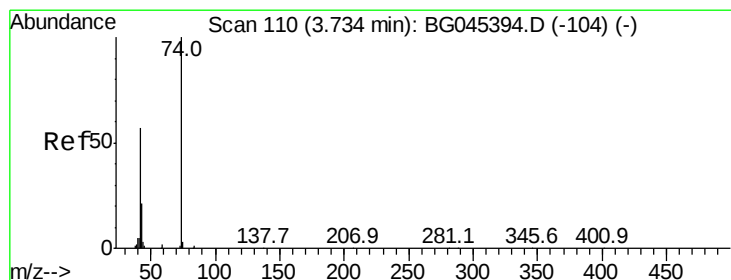
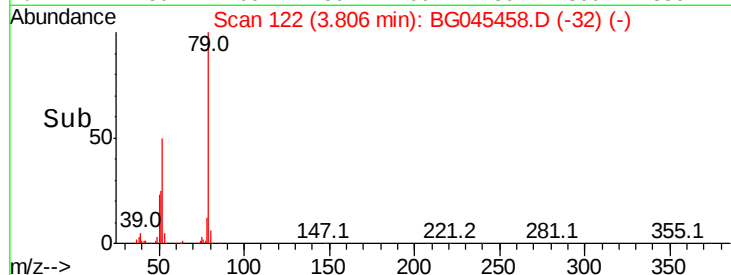
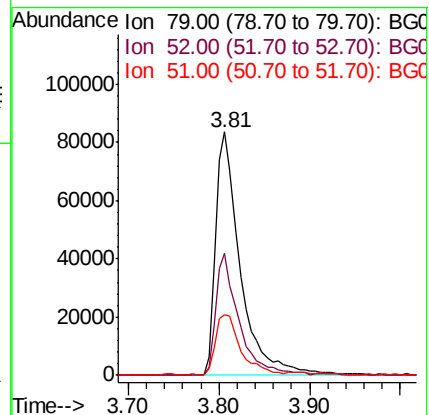
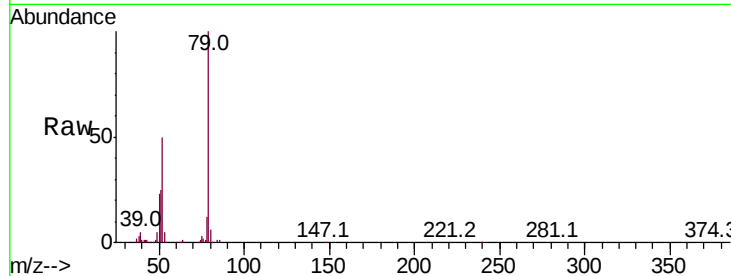
Tot Ion: 79 Resp: 158051

Ion Ratio Lower Upper

79 100

52 50.2 40.8 61.2

51 25.1 21.9 32.9



#4

n-Nitrosodimethylamine

Concen: 45.778 ng

RT: 3.72 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

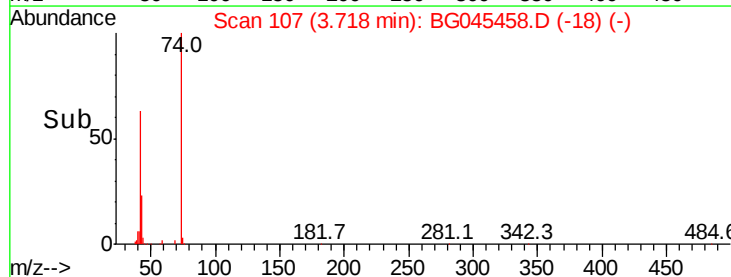
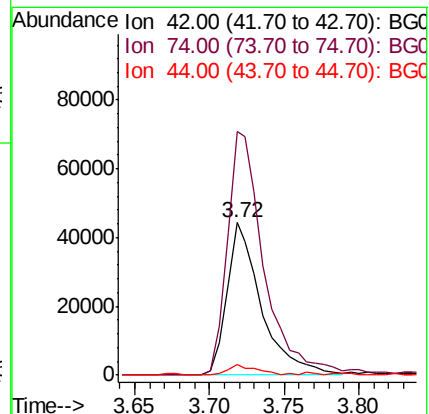
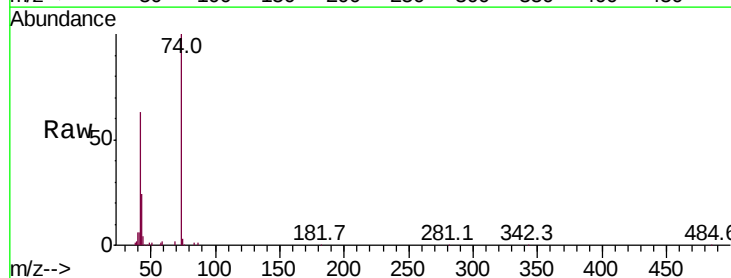
Tgt Ion: 42 Resp: 71515

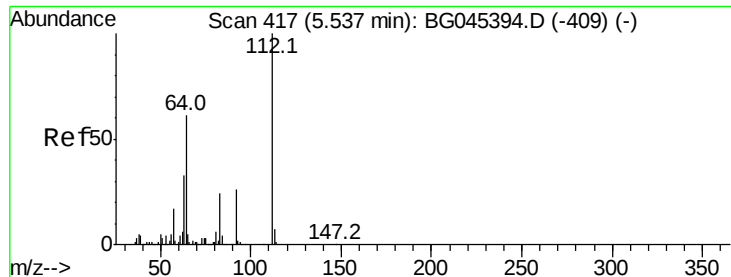
Ion Ratio Lower Upper

42 100

74 160.0 141.3 211.9

44 6.7 4.2 6.4#





#5

2-Fluorophenol

Concen: 154.222 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045458.D

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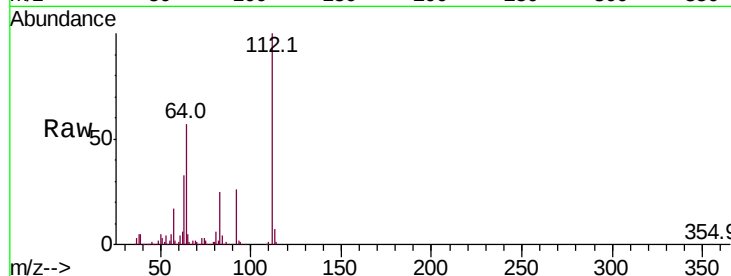
Tot Ion:112 Resp: 533113

Ion Ratio Lower Upper

112 100

64 57.5 48.6 72.8

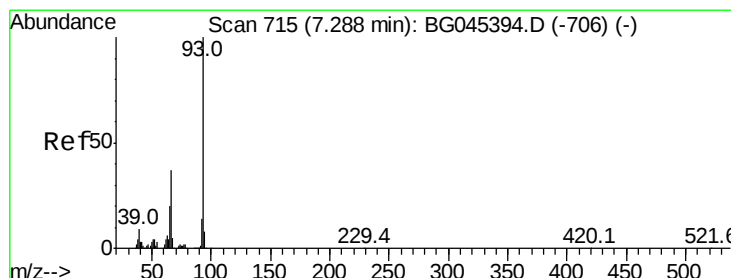
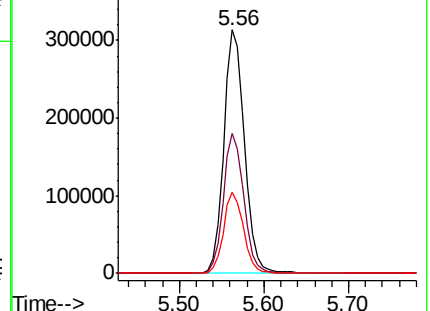
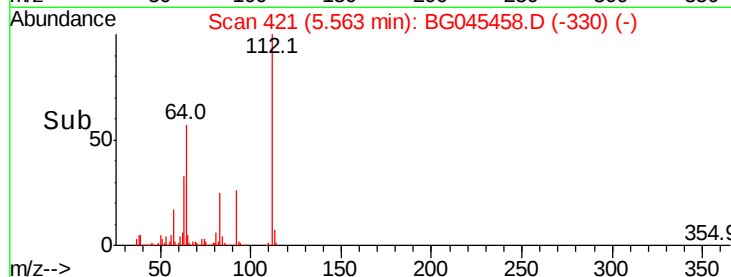
63 33.4 26.5 39.7



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: 40.712 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

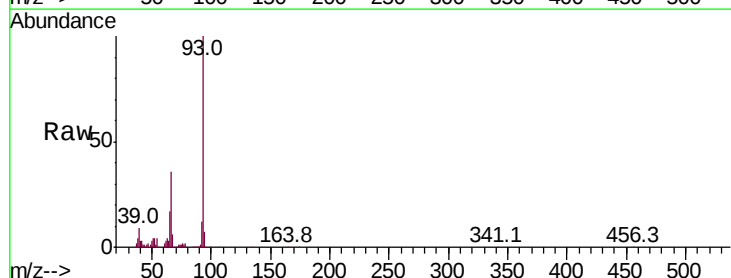
Tgt Ion: 93 Resp: 261482

Ion Ratio Lower Upper

93 100

66 36.3 29.6 44.4

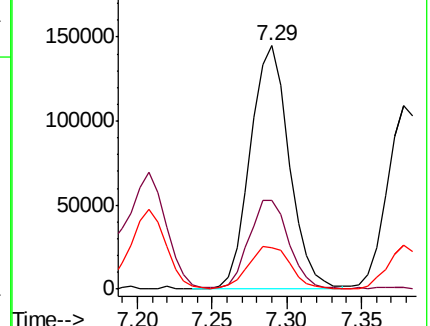
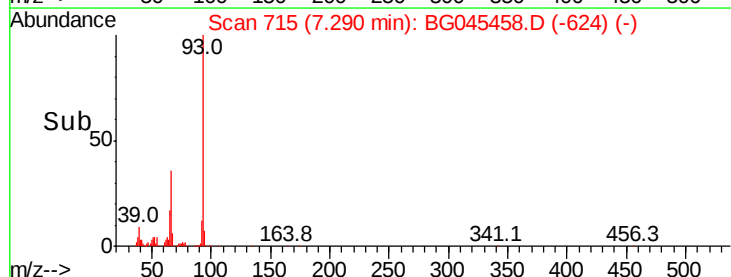
65 17.1 15.9 23.9

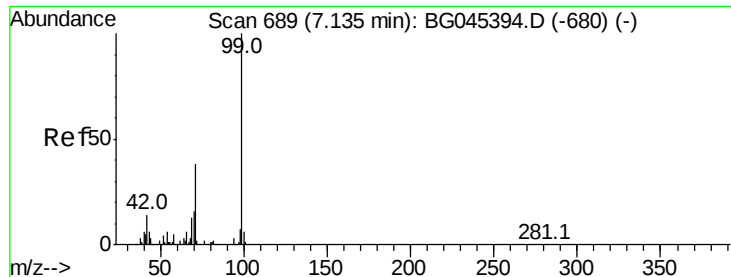


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.553 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

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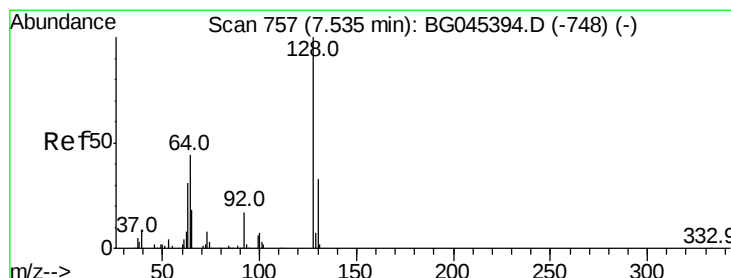
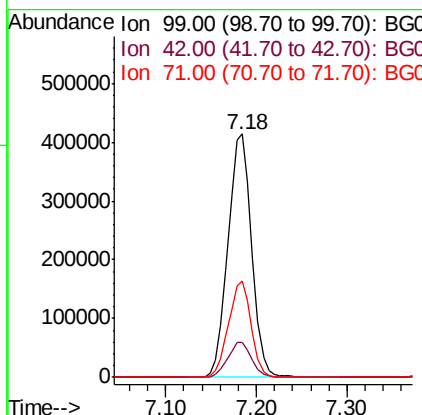
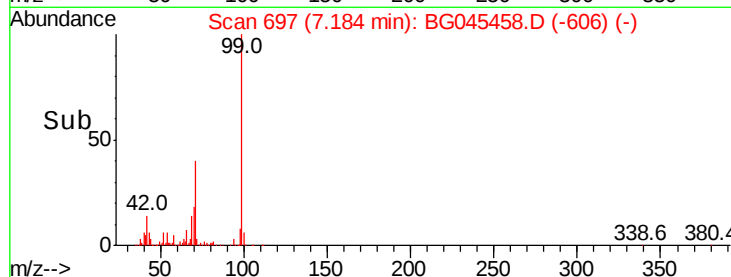
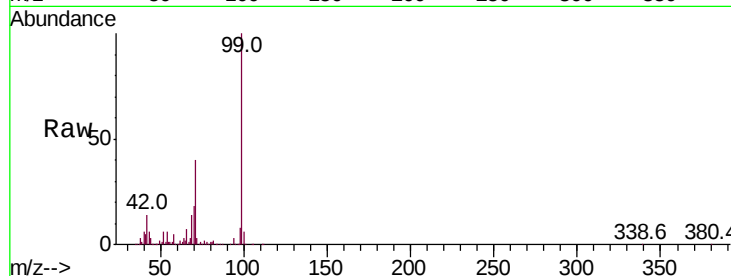
Tot Ion: 99 Resp: 750571

Ion Ratio Lower Upper

99 100

42 14.3 11.3 16.9

71 39.5 30.8 46.2



#8

2-Chlorophenol

Concen: 52.846 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

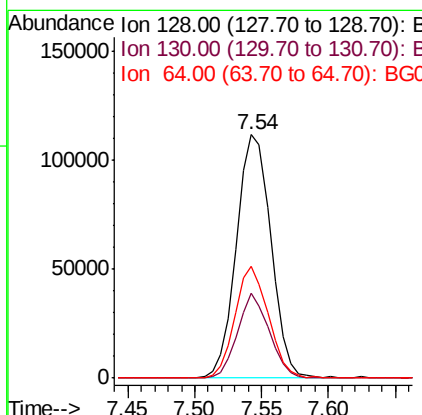
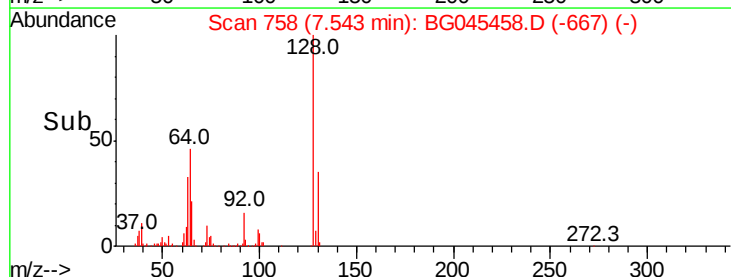
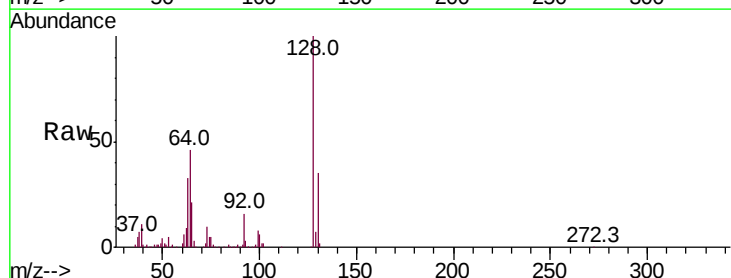
Tgt Ion: 128 Resp: 200327

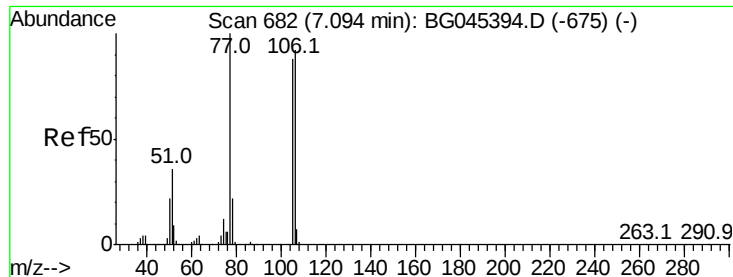
Ion Ratio Lower Upper

128 100

130 34.7 12.6 52.6

64 46.1 27.0 67.0





#9

Benzaldehyde

Concen: 40.489 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

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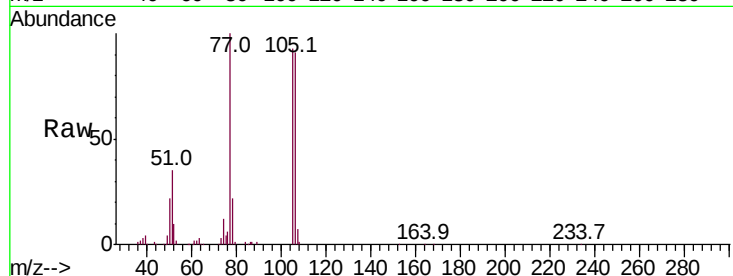
Tot Ion: 77 Resp: 129788

Ion Ratio Lower Upper

77 100

105 93.1 68.5 108.5

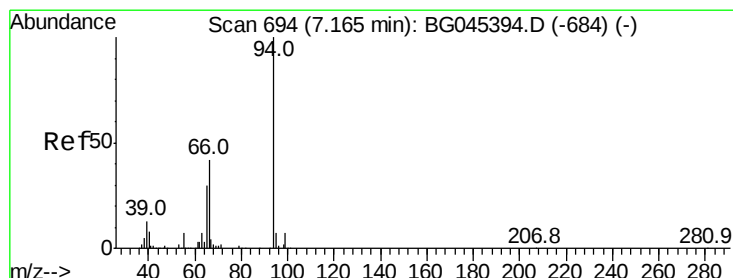
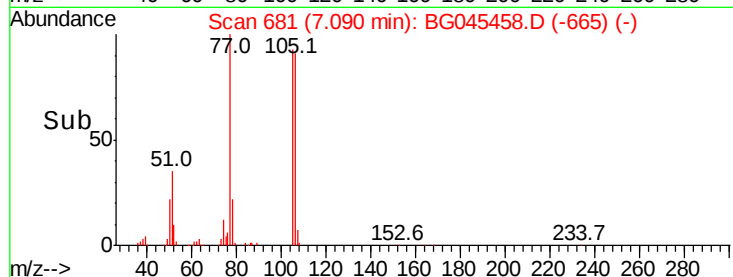
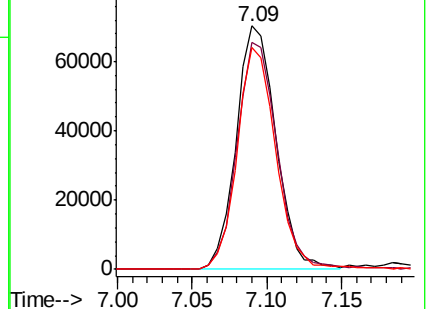
106 91.2 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.176 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

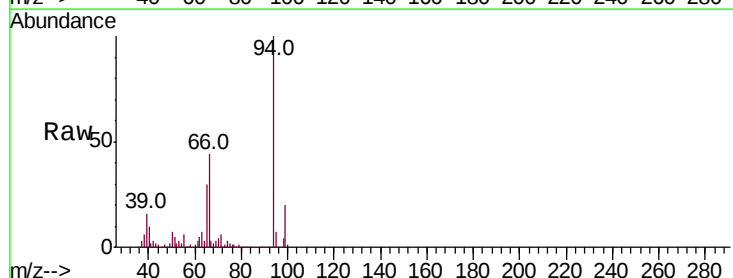
Tgt Ion: 94 Resp: 264574

Ion Ratio Lower Upper

94 100

65 29.9 9.8 49.8

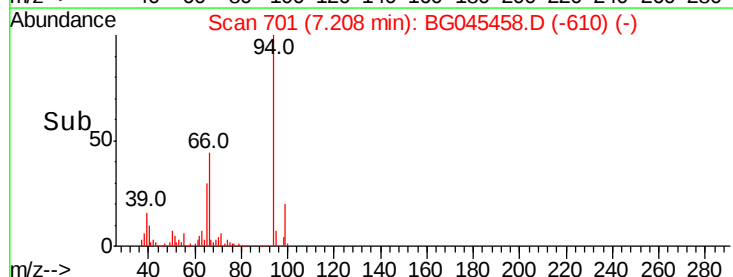
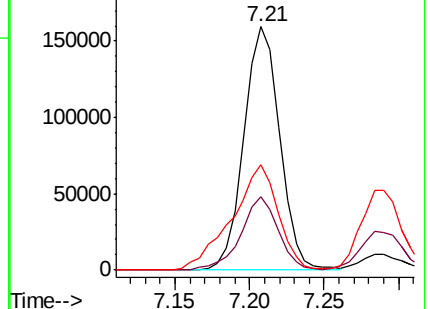
66 43.5 22.0 62.0

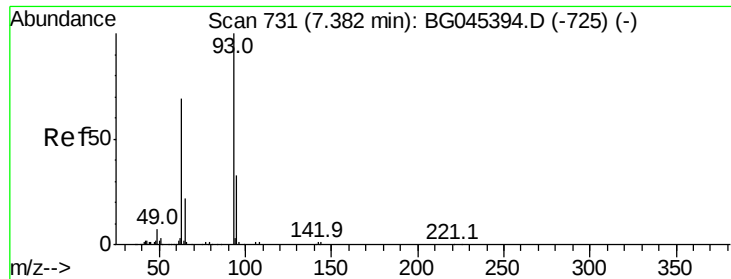


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

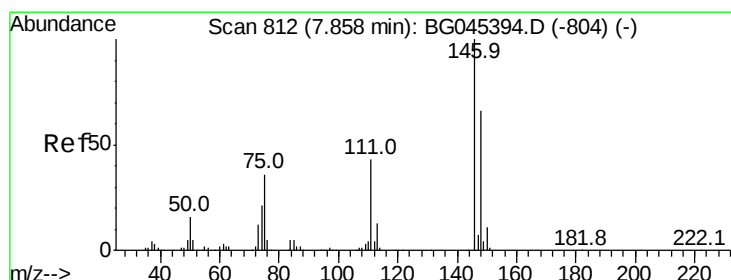
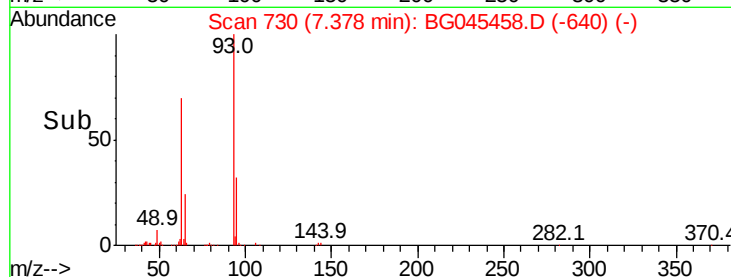
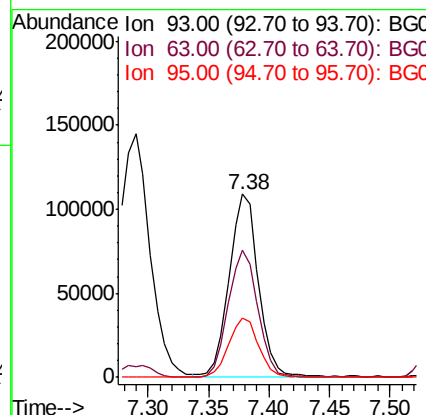
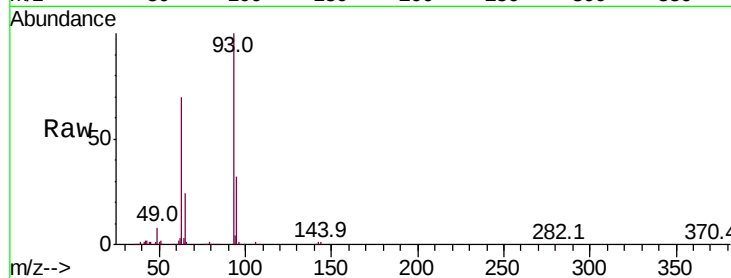




#11
bis(2-Chloroethyl)ether
Concen: 45.936 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

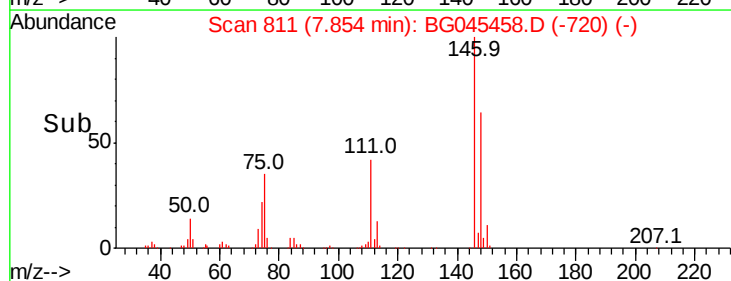
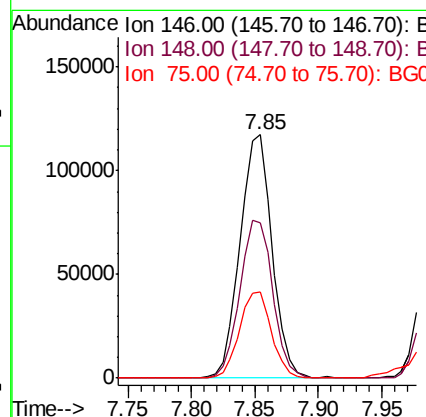
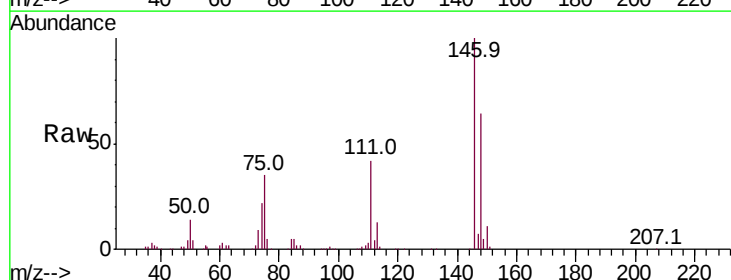
Instrument :
BNA_G
ClientSampleId :
PB129076BS

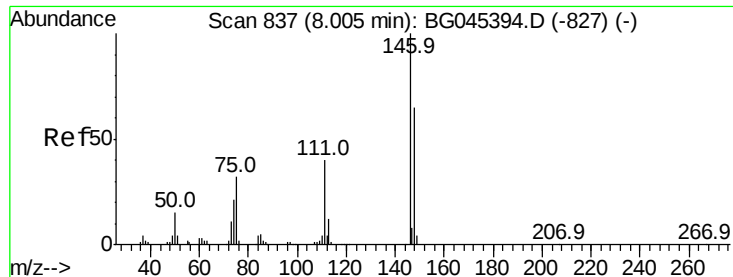
Tot Ion:	93	Resp:	181687
Ion	Ratio	Lower	Upper
93	100		
63	69.7	48.4	88.4
95	32.3	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 45.018 ng
RT: 7.85 min Scan# 811
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:	146	Resp:	205077
Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.2	79.8
75	35.4	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 47.107 ng

RT: 7.99 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

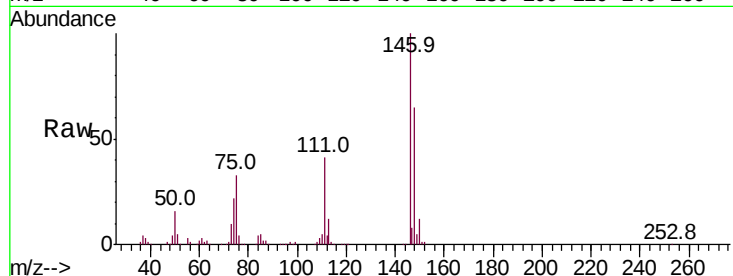
Tot Ion:146 Resp: 211774

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

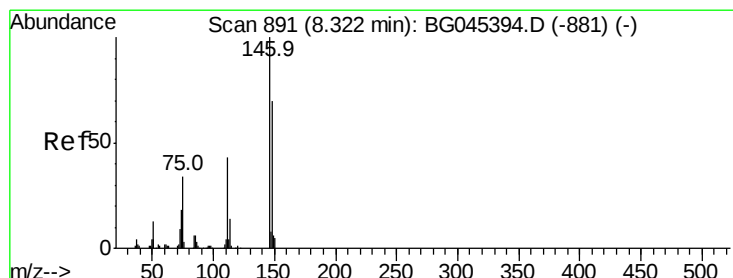
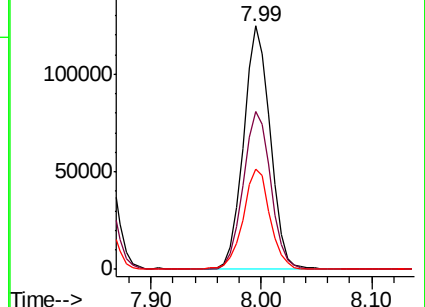
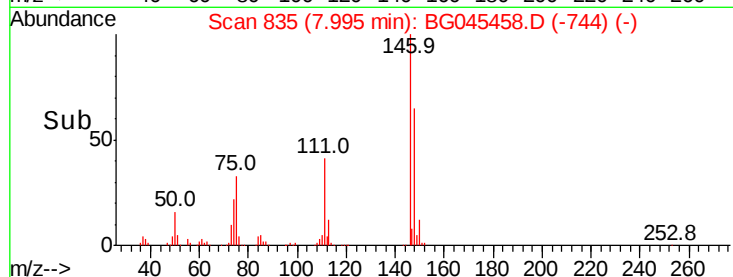
111 41.2 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.368 ng

RT: 8.32 min Scan# 890

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

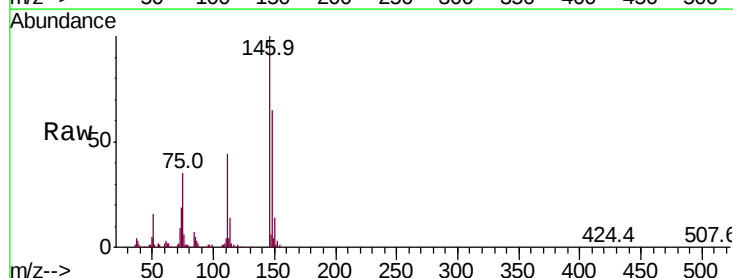
Tgt Ion:146 Resp: 200491

Ion Ratio Lower Upper

146 100

148 65.0 55.9 83.9

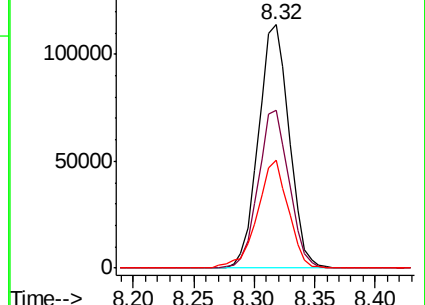
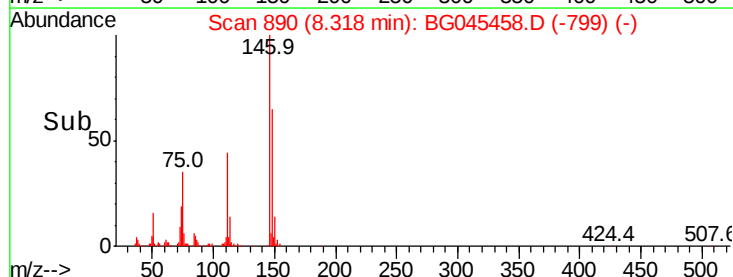
111 44.3 35.0 52.4

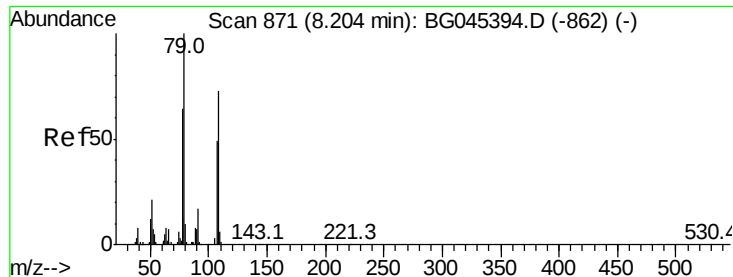


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.856 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

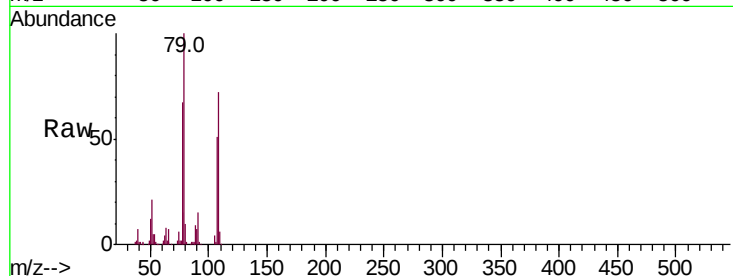
Tot Ion: 79 Resp: 202636

Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.4

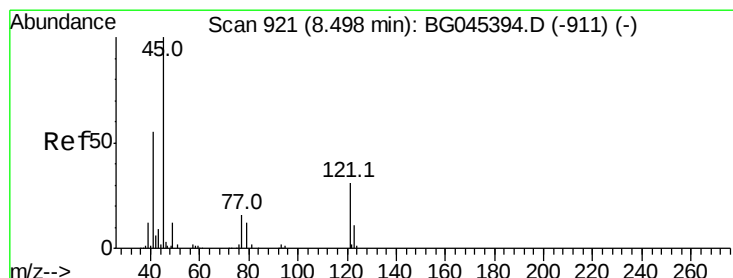
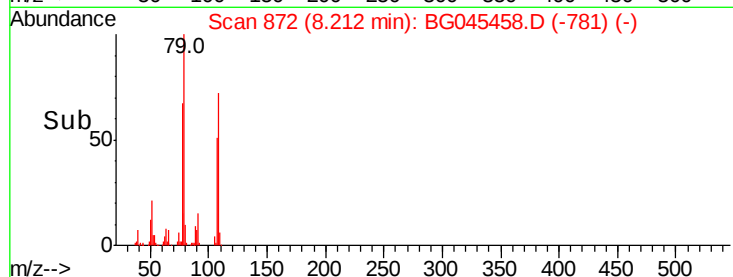
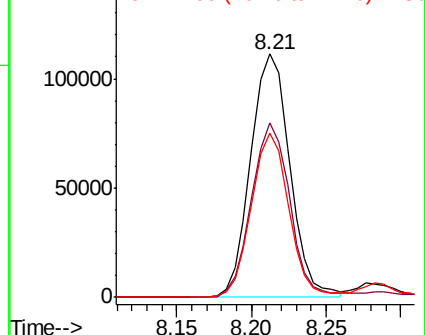
77 67.3 51.0 76.4



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: 45.421 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

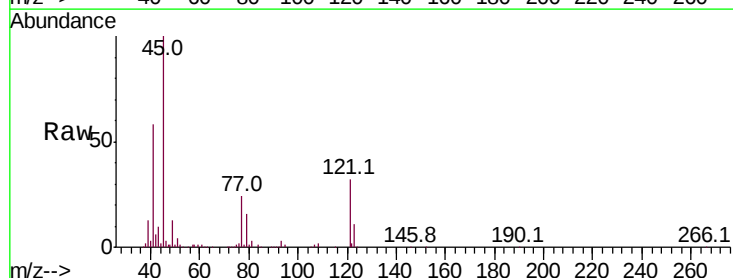
Tgt Ion: 45 Resp: 170530

Ion Ratio Lower Upper

45 100

77 24.2 4.0 44.0

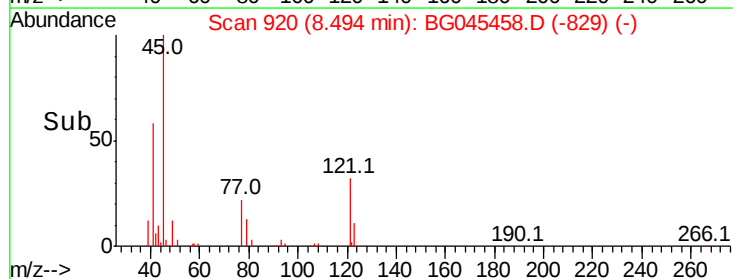
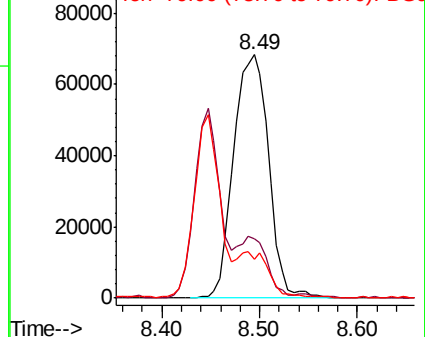
79 16.0 0.0 38.6

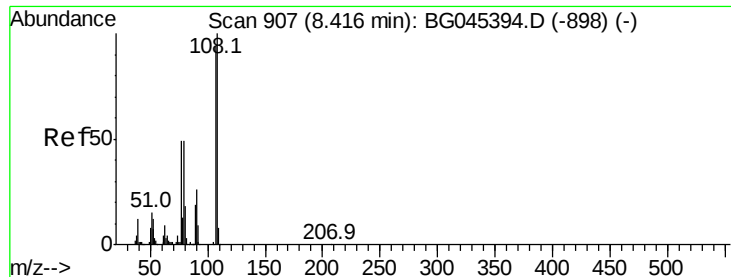


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.579 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

Tot Ion:107 Resp: 180585

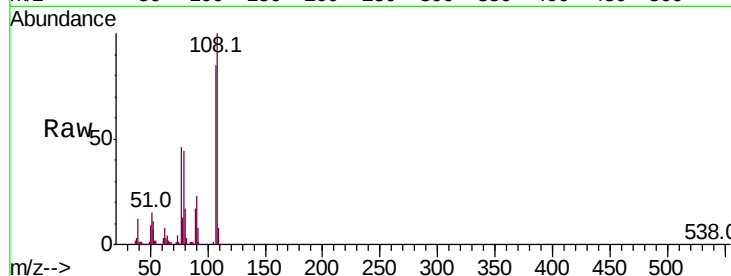
Ion Ratio Lower Upper

107 100

108 117.0 85.2 127.8

77 53.5 41.6 62.4

79 51.9 41.8 62.8

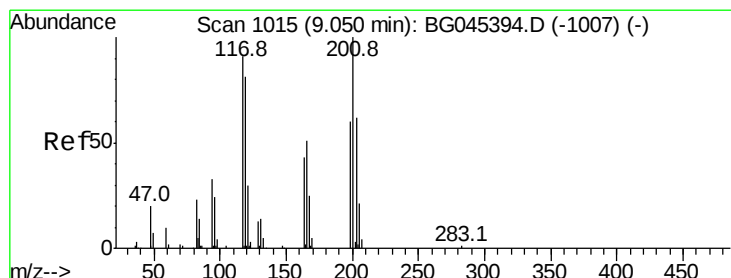
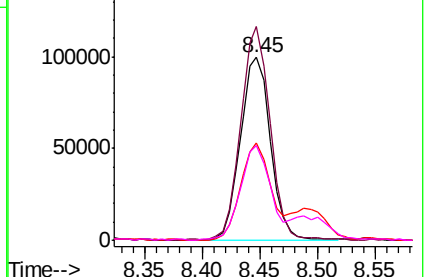
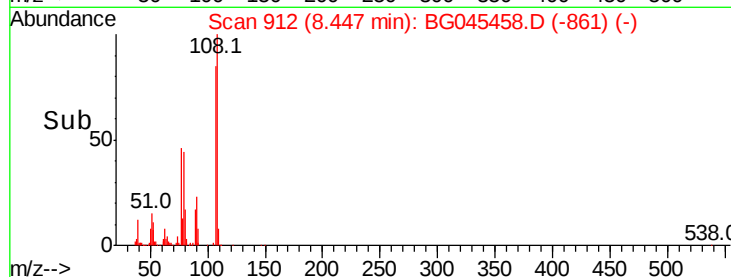


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.797 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

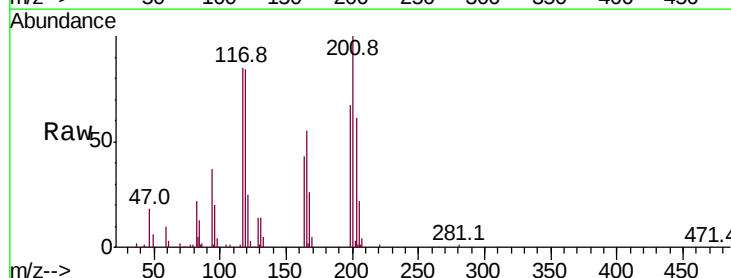
Tgt Ion:117 Resp: 78853

Ion Ratio Lower Upper

117 100

119 99.0 71.3 106.9

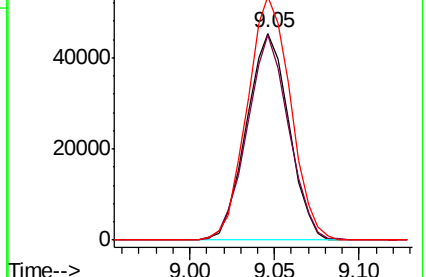
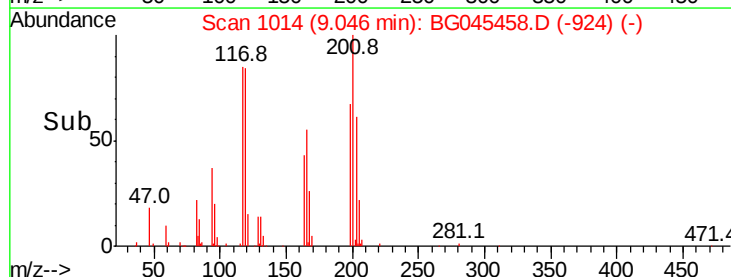
201 117.7 87.5 131.3

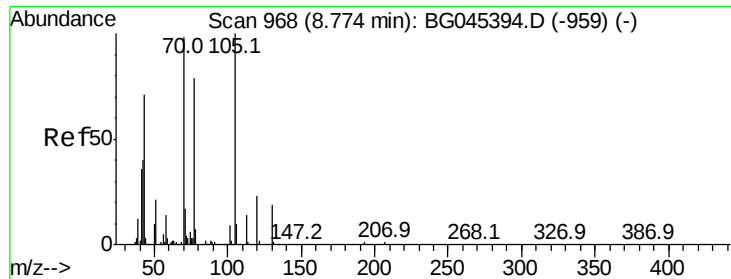


Abundance Ion 117.00 (116.70 to 117.70): E

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: 48.969 ng

RT: 8.76 min Scan# 966

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

Tot Ion: 70 Resp: 166605

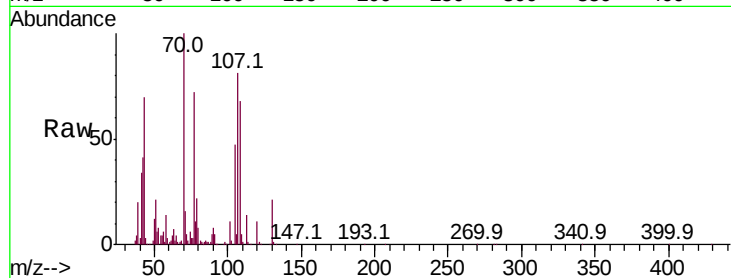
Ion Ratio Lower Upper

70 100

42 41.3 33.2 49.8

101 10.5 7.8 11.6

130 20.5 15.4 23.2

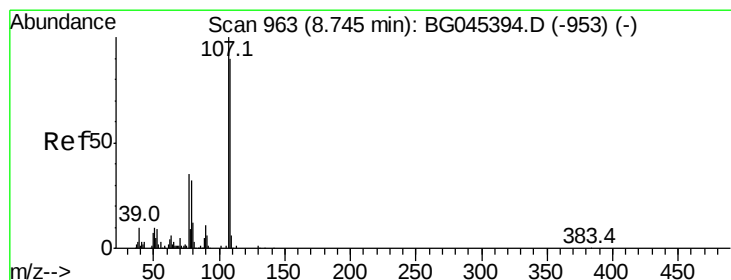
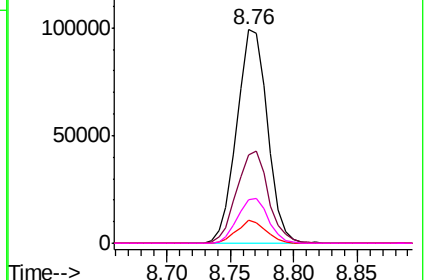
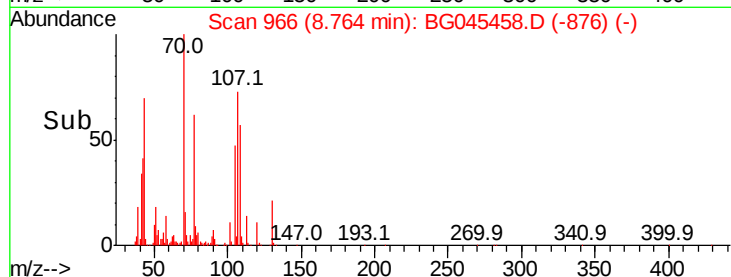


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 46.319 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:107 Resp: 239395

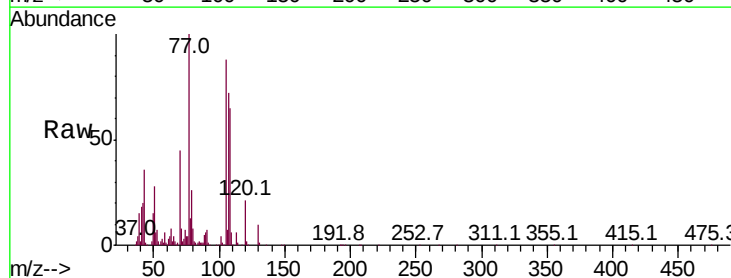
Ion Ratio Lower Upper

107 100

108 89.7 70.3 110.3

77 138.6 15.4 55.4#

79 35.6 12.6 52.6

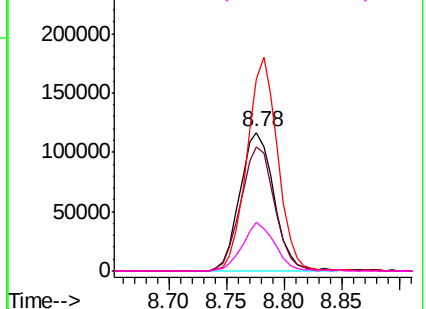
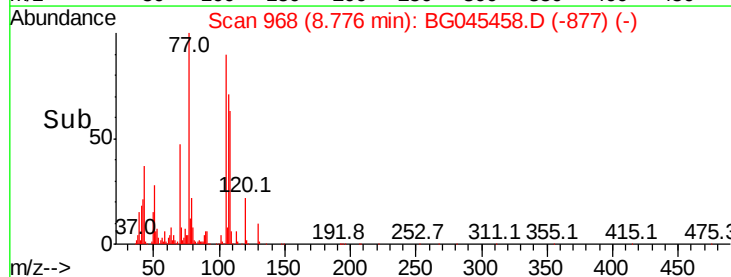


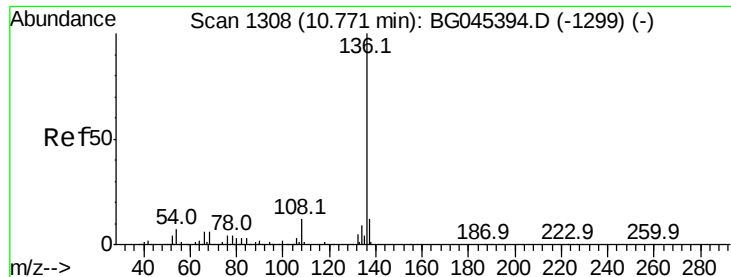
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

Tot Ion:136 Resp: 281265

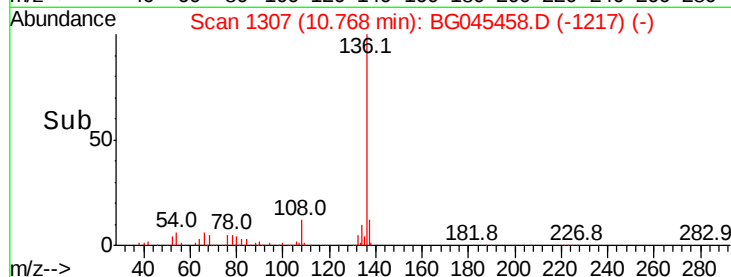
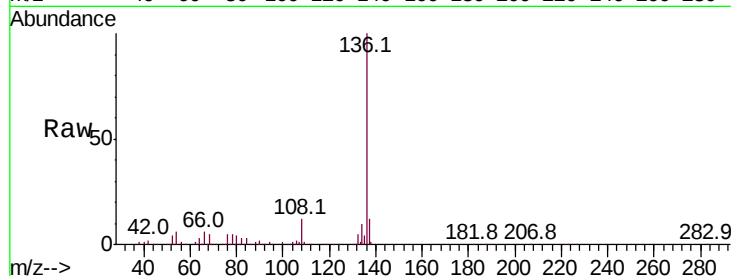
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 6.3 5.8 8.6

68 4.9 4.5 6.7



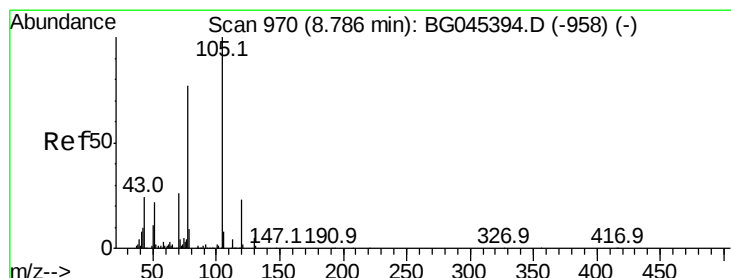
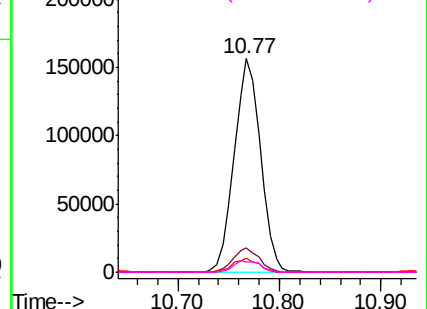
Abundance

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: 44.955 ng

RT: 8.78 min Scan# 969

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:105 Resp: 299682

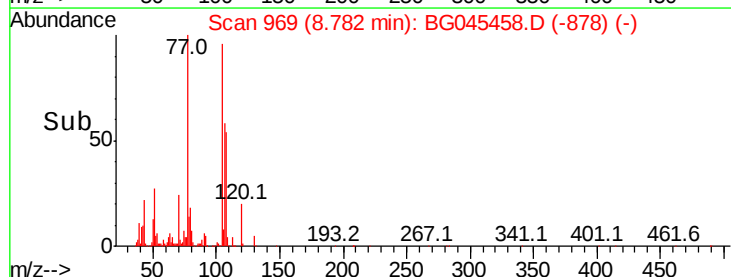
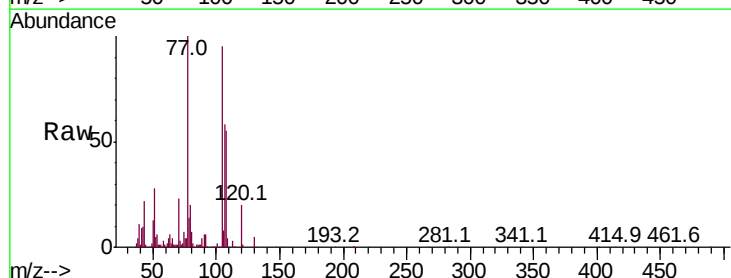
Ion Ratio Lower Upper

105 100

71 3.4 3.4 5.0#

51 29.1 18.2 27.2#

120 21.0 18.6 27.8



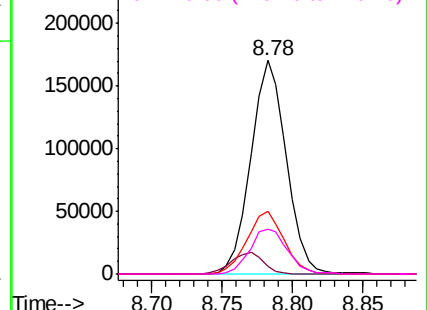
Abundance

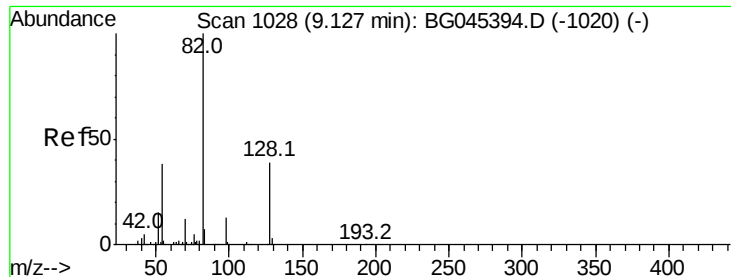
Ion 105.00 (104.70 to 105.70): E

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: 92.252 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

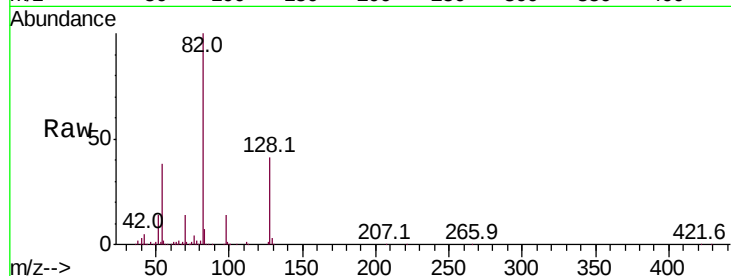
Tot Ion: 82 Resp: 475821

Ion Ratio Lower Upper

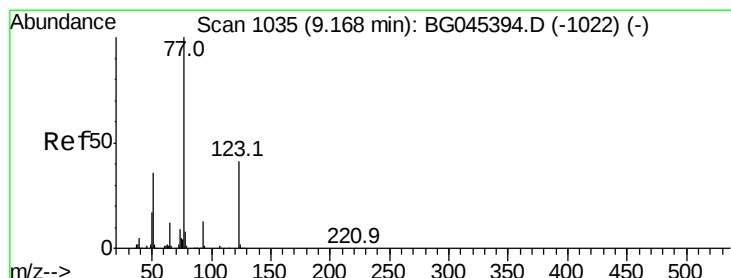
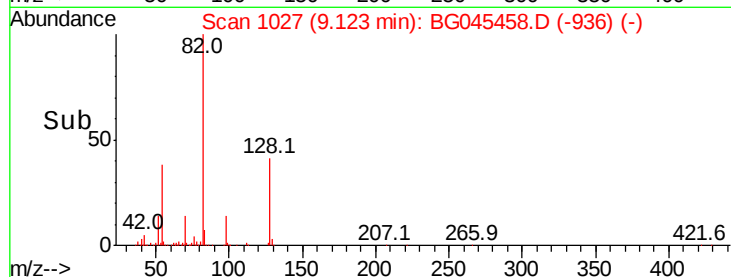
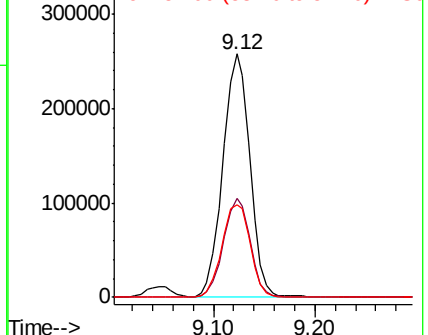
82 100

128 40.8 30.9 46.3

54 38.2 30.3 45.5



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: 44.732 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

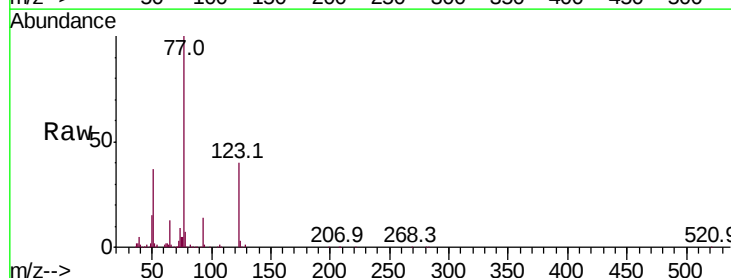
Tgt Ion: 77 Resp: 247193

Ion Ratio Lower Upper

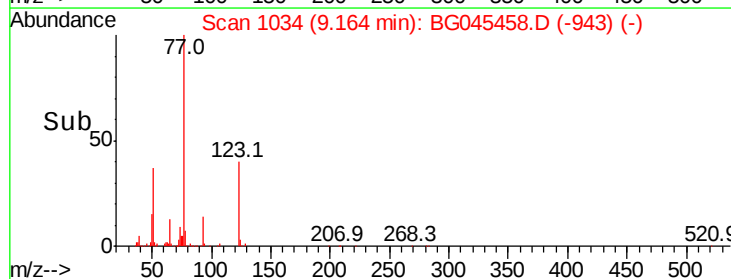
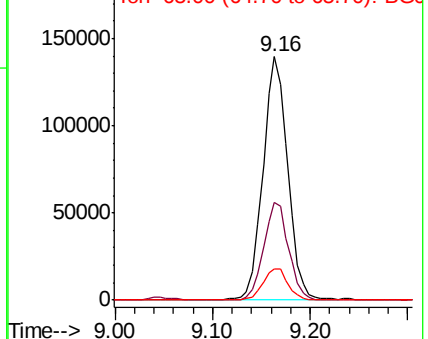
77 100

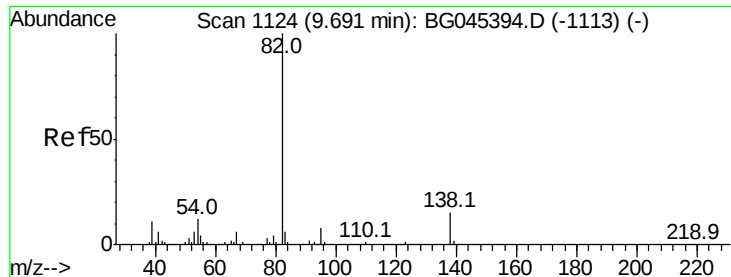
123 40.0 32.9 49.3

65 13.0 9.4 14.2



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: 45.327 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

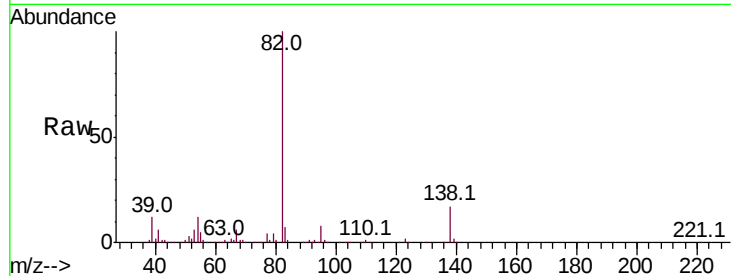
Tot Ion: 82 Resp: 460418

Ion Ratio Lower Upper

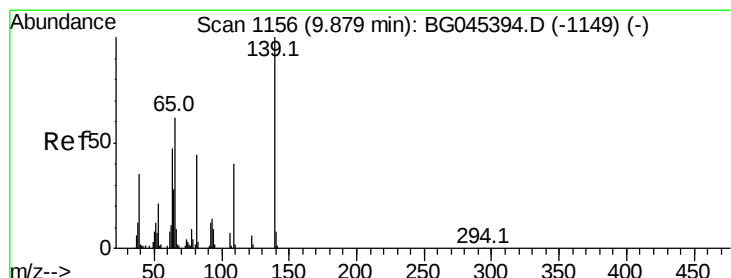
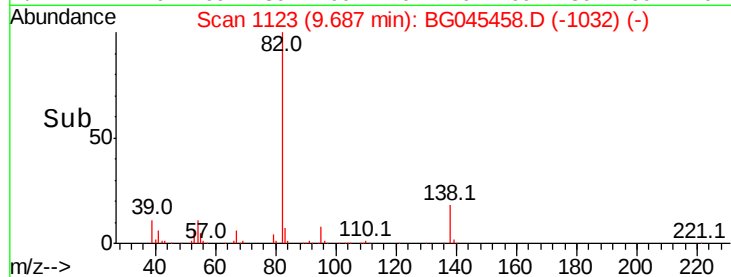
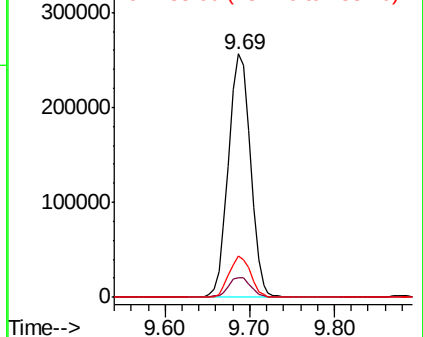
82 100

95 8.0 6.7 10.1

138 16.7 12.2 18.4



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: 47.594 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

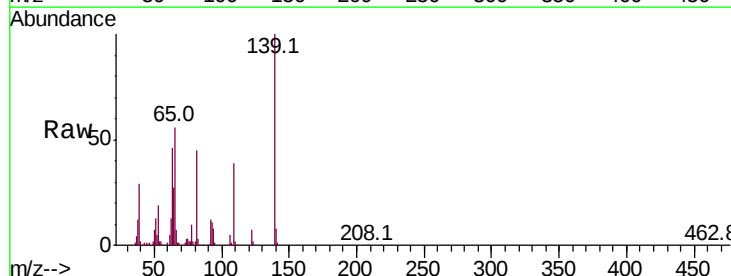
Tgt Ion: 139 Resp: 112511

Ion Ratio Lower Upper

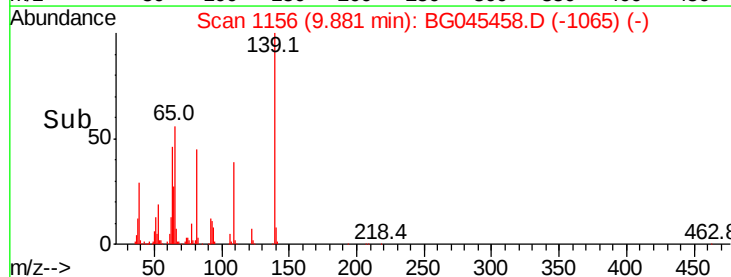
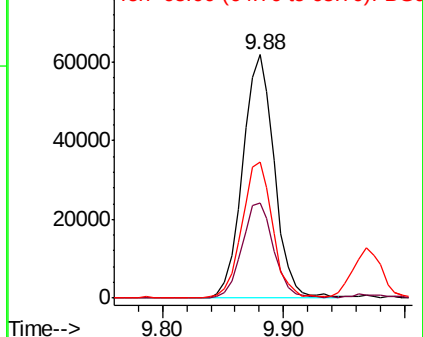
139 100

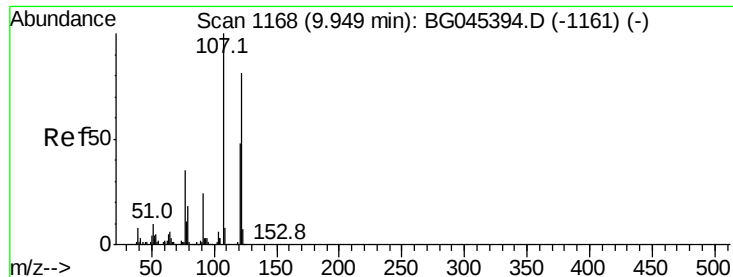
109 39.1 32.2 48.4

65 56.0 49.6 74.4



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

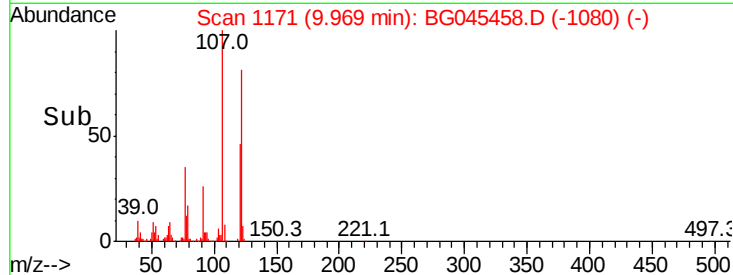
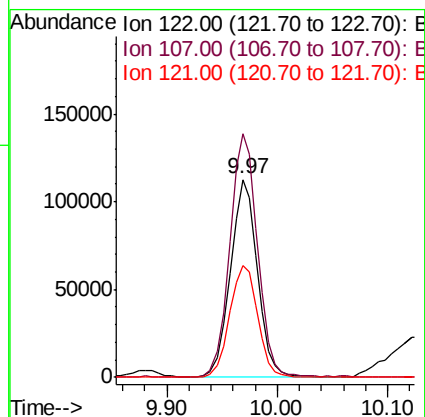
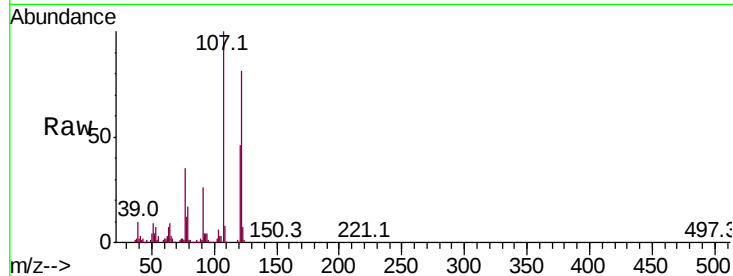




#27
2,4-Dimethylphenol
Concen: 55.191 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

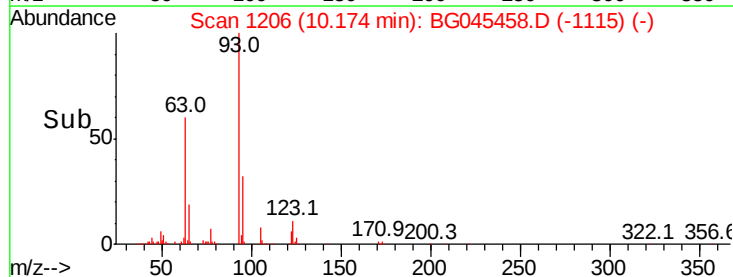
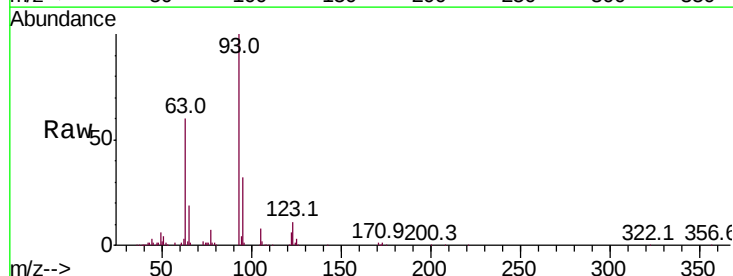
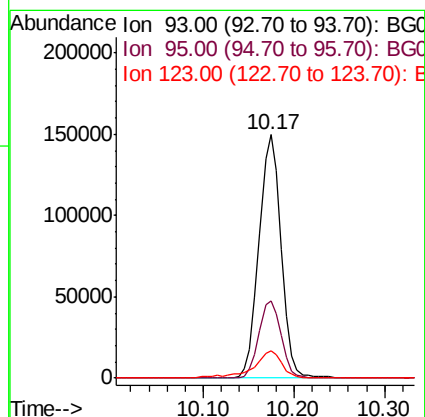
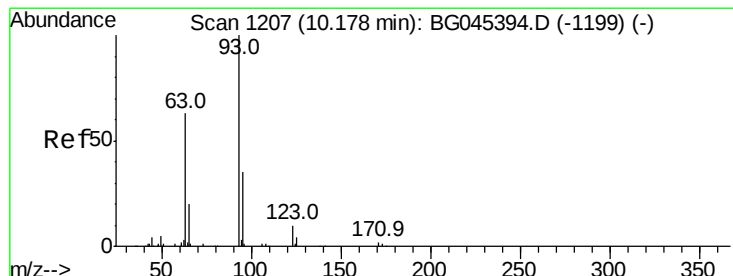
Instrument :
BNA_G
ClientSampleId :
PB129076BS

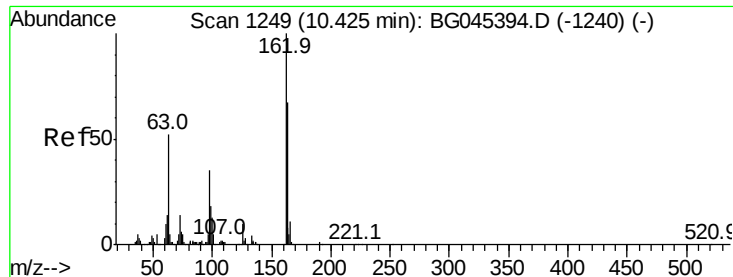
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.9	99.0	148.4
121	56.3	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 47.666 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.6	41.4
123	11.2	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 50.543 ng

RT: 10.44 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

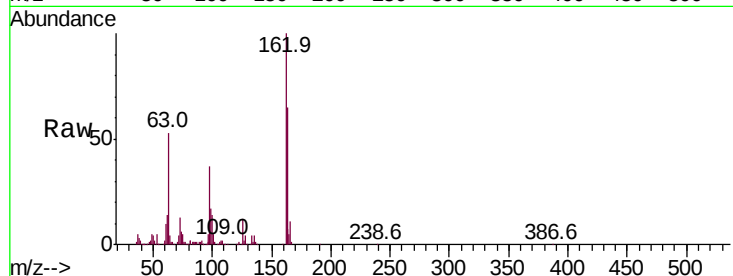
Tot Ion:162 Resp: 209264

Ion Ratio Lower Upper

162 100

164 64.6 46.8 86.8

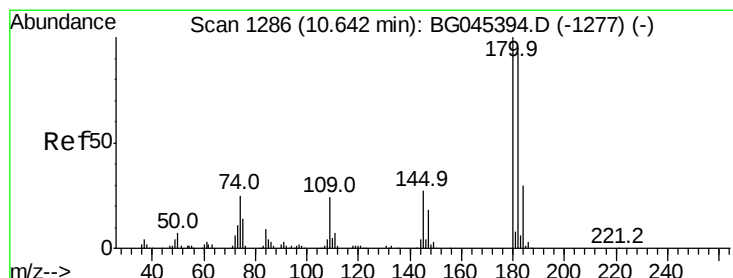
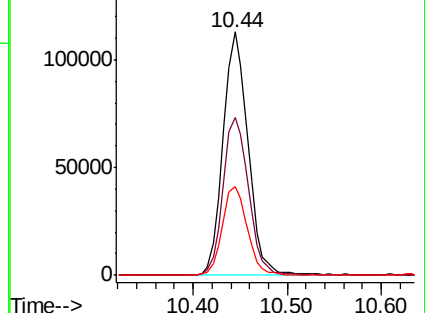
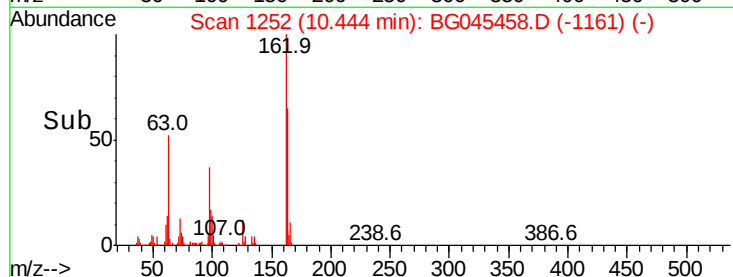
98 36.6 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 45.642 ng

RT: 10.63 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

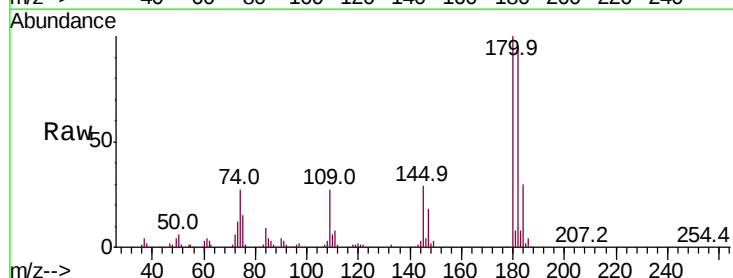
Tgt Ion:180 Resp: 223296

Ion Ratio Lower Upper

180 100

182 95.3 74.8 112.2

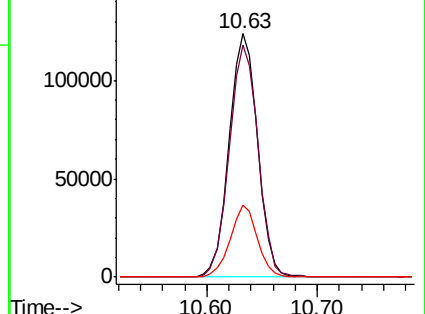
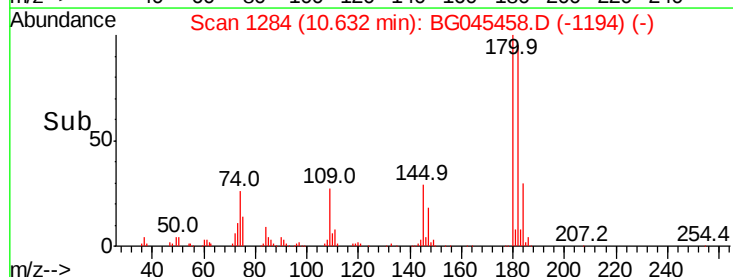
145 29.4 21.9 32.9

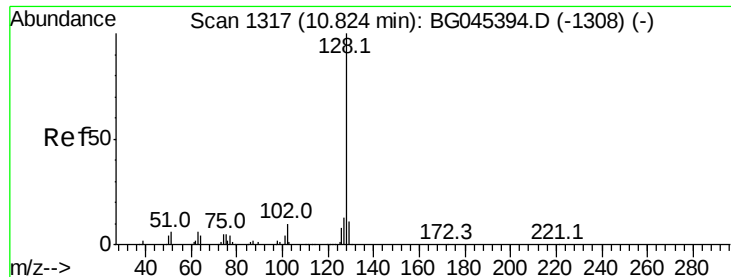


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.228 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

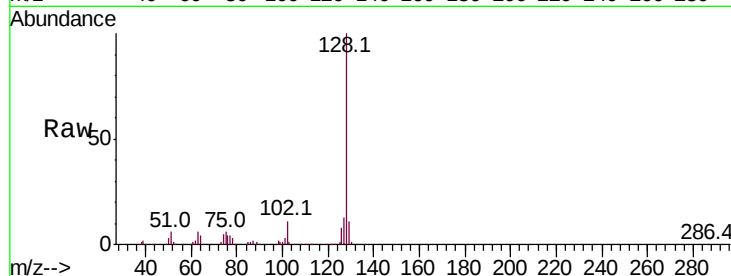
Tot Ion:128 Resp: 605893

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

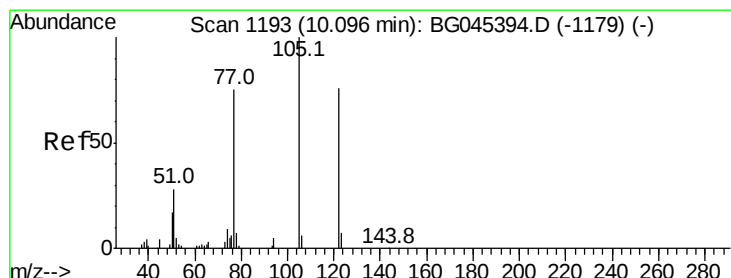
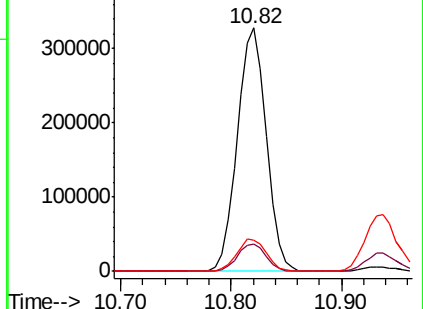
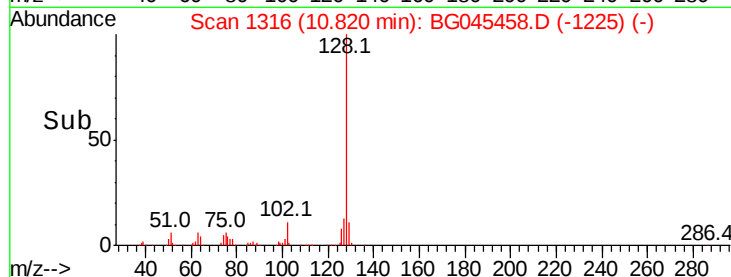
127 12.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.391 ng

RT: 10.15 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

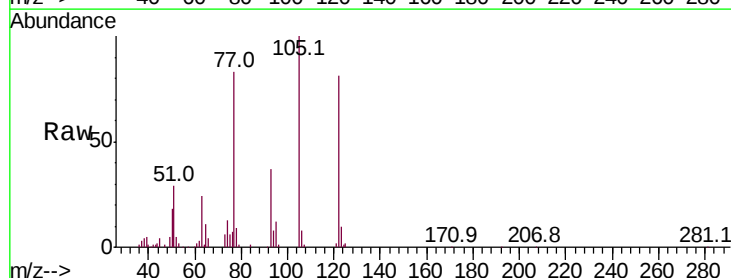
Tgt Ion:122 Resp: 127694

Ion Ratio Lower Upper

122 100

105 123.5 107.9 147.9

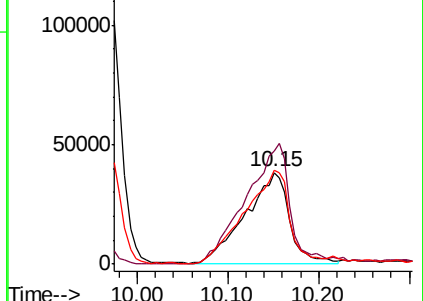
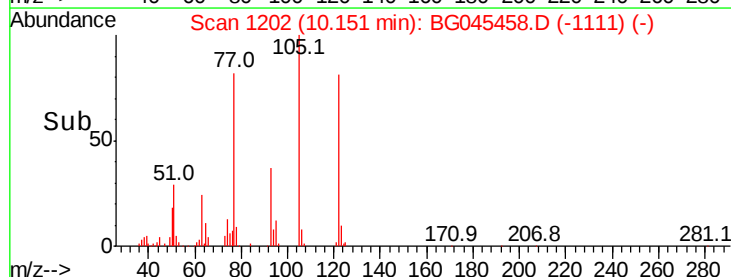
77 102.7 78.9 118.9

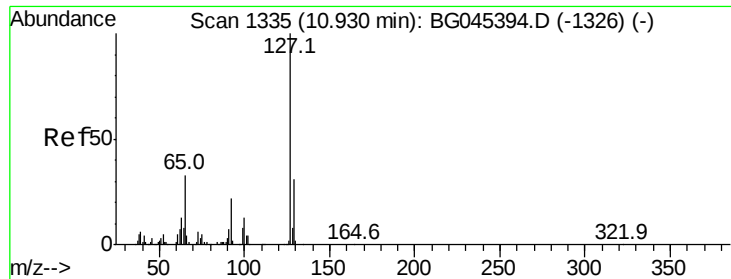


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

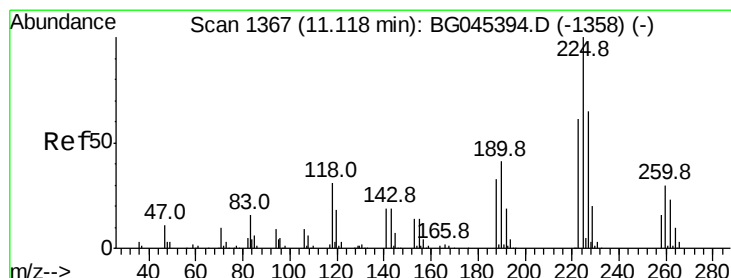
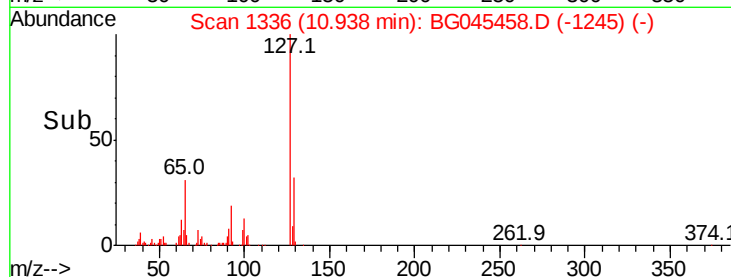
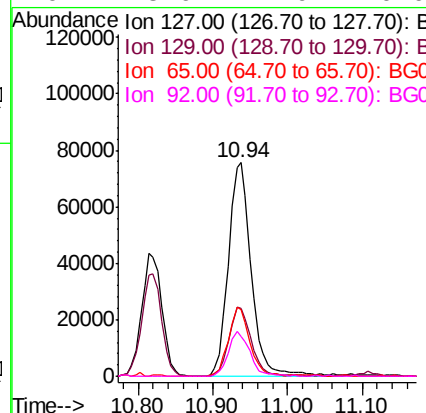
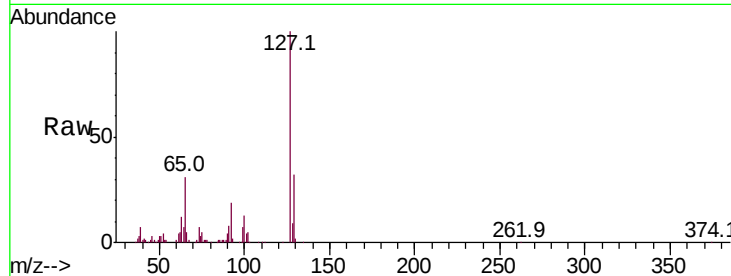




#33
4-Chloroaniline
Concen: 29.240 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

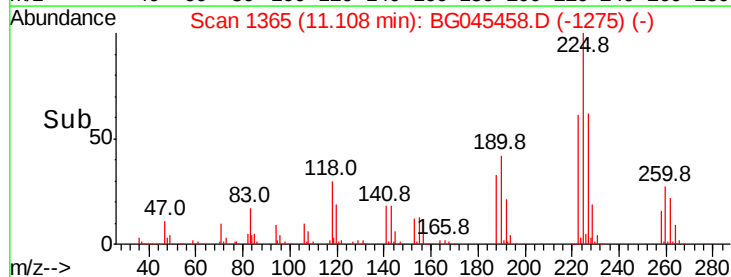
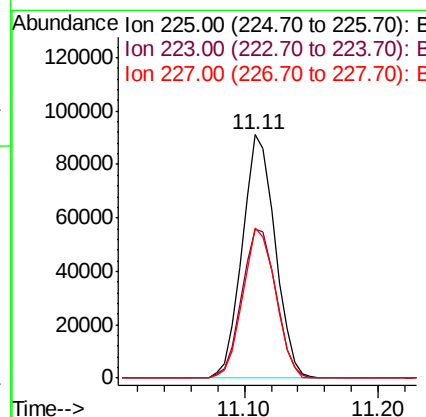
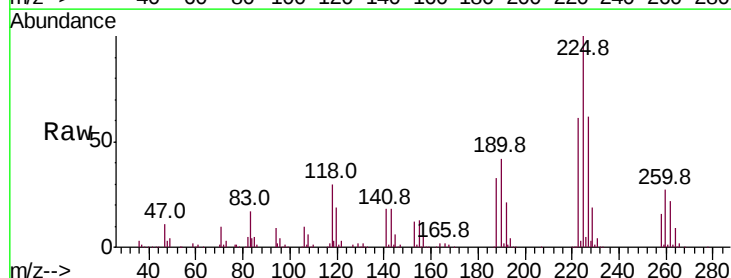
Instrument :
BNA_G
ClientSampleId :
PB129076BS

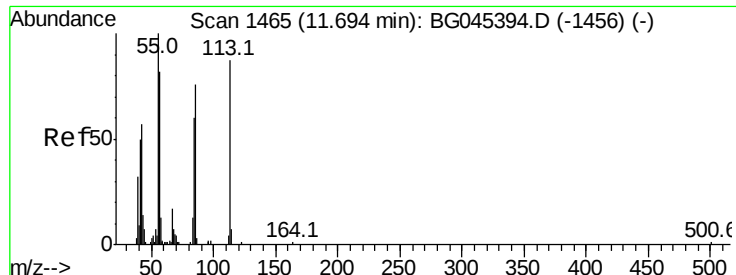
Tot Ion:	127	Resp:	160195
Ion	Ratio	Lower	Upper
127	100		
129	31.8	24.7	37.1
65	31.0	26.2	39.2
92	18.9	17.9	26.9



#34
Hexachlorobutadiene
Concen: 44.828 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:	225	Resp:	155029
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.1	73.7
227	61.7	52.0	78.0





#35

Caprolactam

Concen: 27.770 ng

RT: 11.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

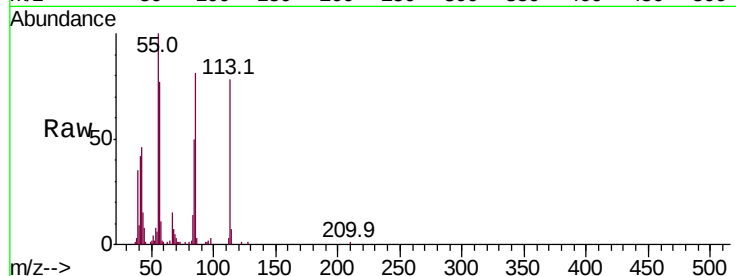
Tot Ion:113 Resp: 42203

Ion Ratio Lower Upper

113 100

55 127.7 96.0 136.0

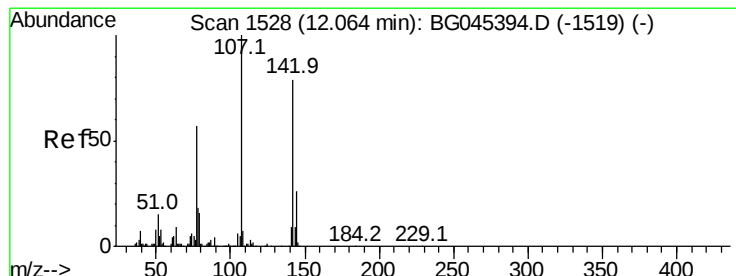
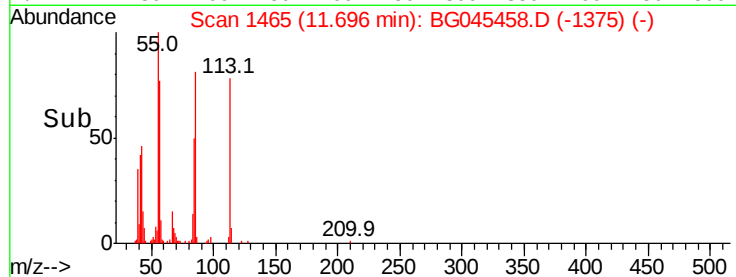
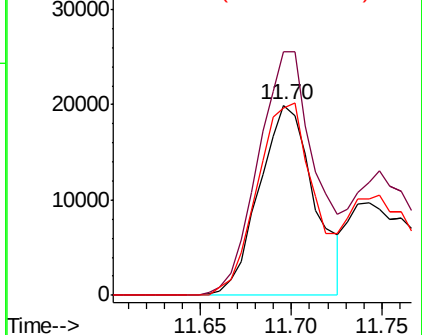
56 98.5 75.1 115.1



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: 51.451 ng

RT: 12.10 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

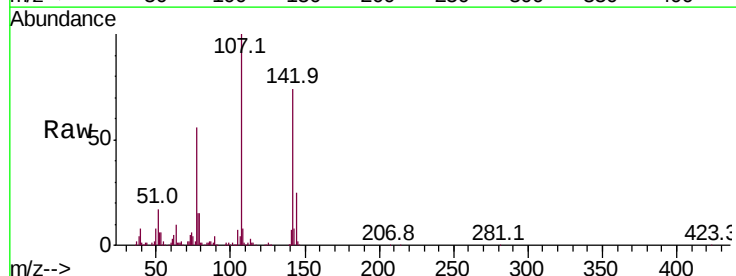
Tgt Ion:107 Resp: 240042

Ion Ratio Lower Upper

107 100

144 25.4 20.8 31.2

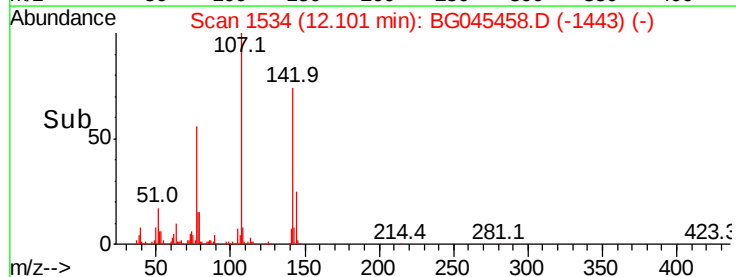
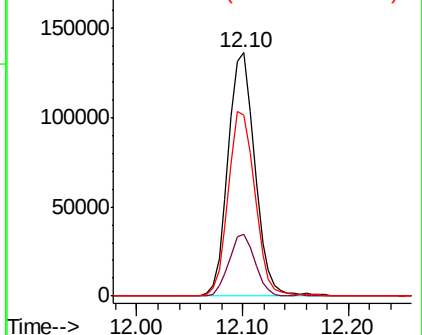
142 74.5 62.8 94.2

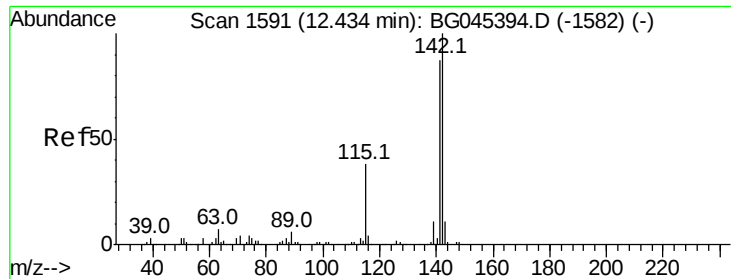


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.999 ng

RT: 12.43 min Scan# 1590

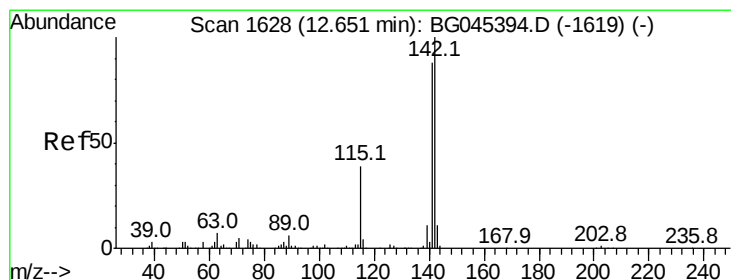
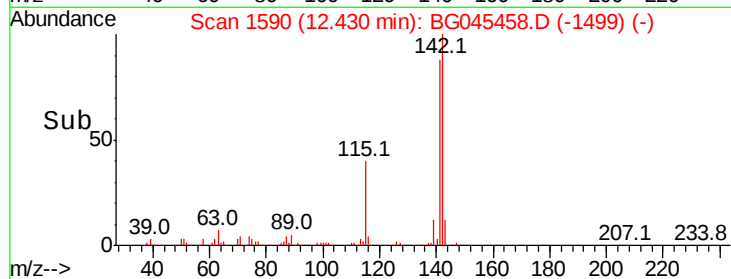
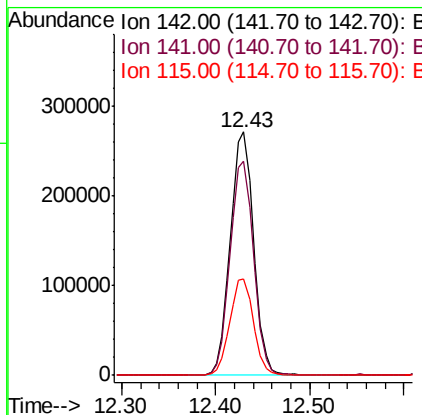
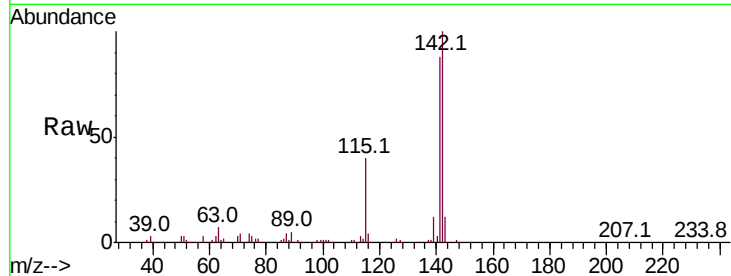
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.0	105.0
115	39.7	30.8	46.2



#38

1-Methylnaphthalene

Concen: 48.155 ng

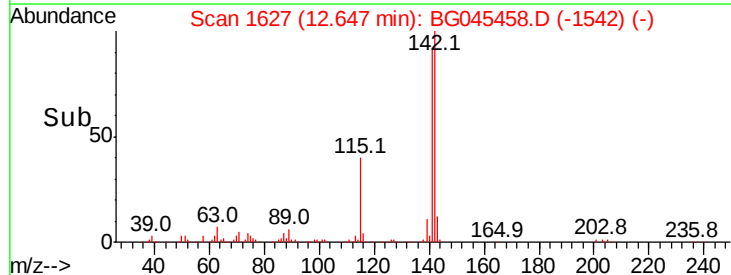
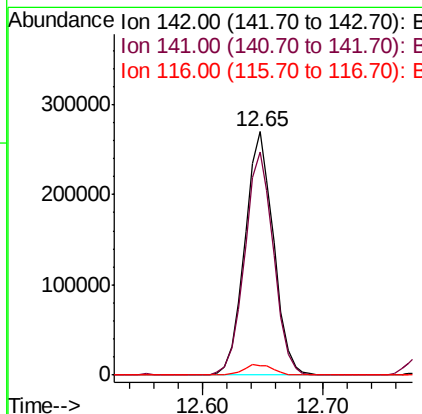
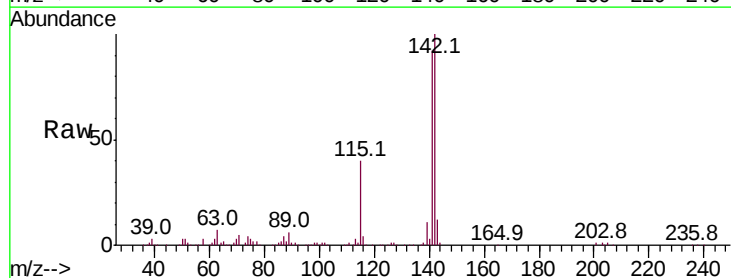
RT: 12.65 min Scan# 1627

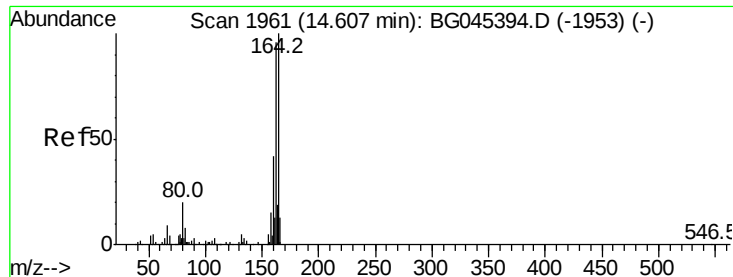
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.8	106.2
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

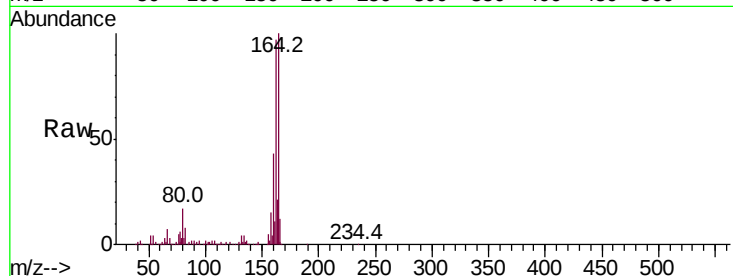
Tot Ion:164 Resp: 207860

Ion Ratio Lower Upper

164 100

162 97.1 76.9 115.3

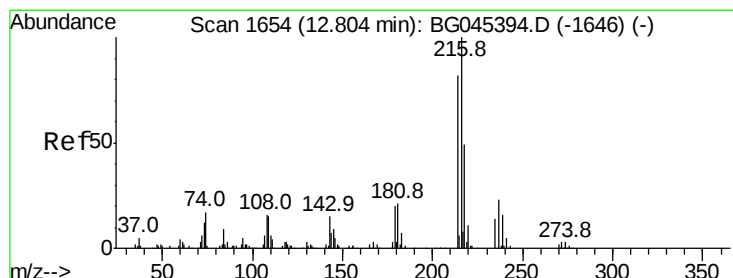
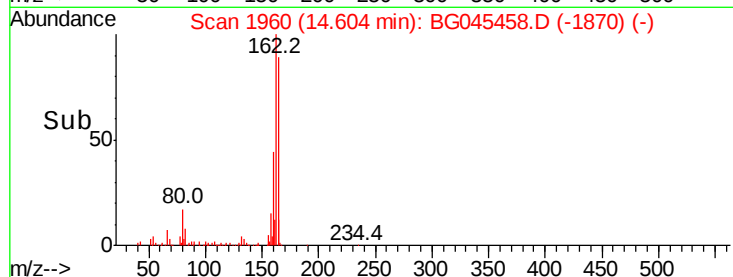
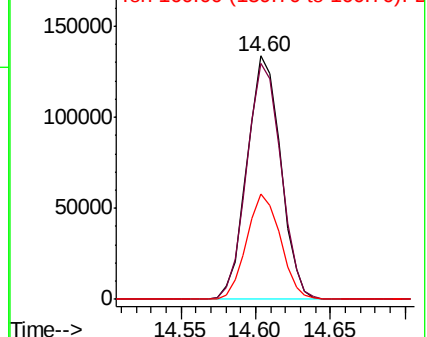
160 43.3 33.8 50.8



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: 46.025 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:216 Resp: 267215

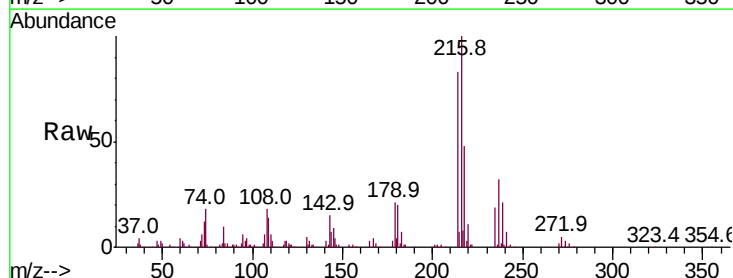
Ion Ratio Lower Upper

216 100

214 79.9 63.7 95.5

179 20.0 16.1 24.1

108 20.0 13.8 20.6

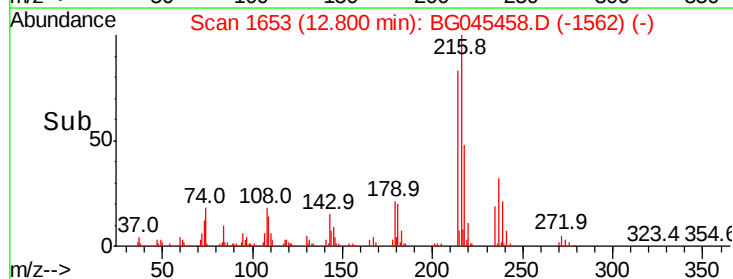
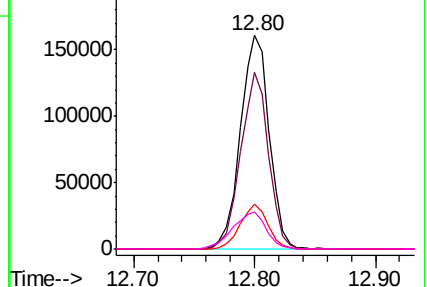


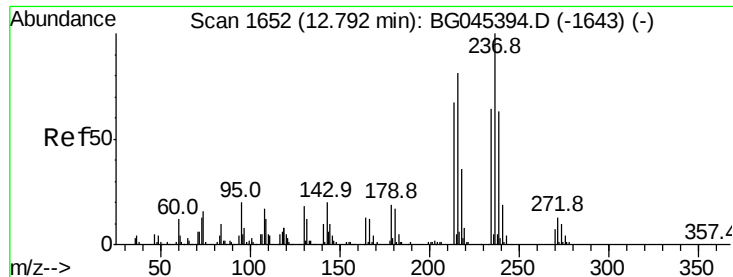
Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.062 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

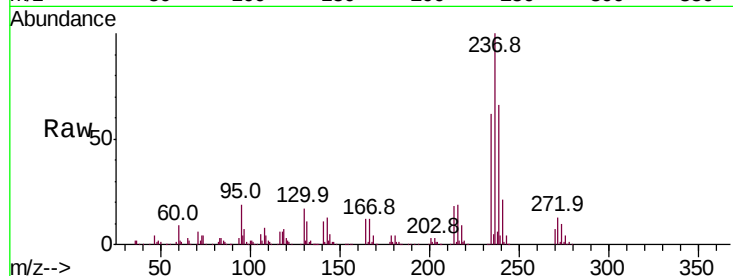
Tot Ion:237 Resp: 345363

Ion Ratio Lower Upper

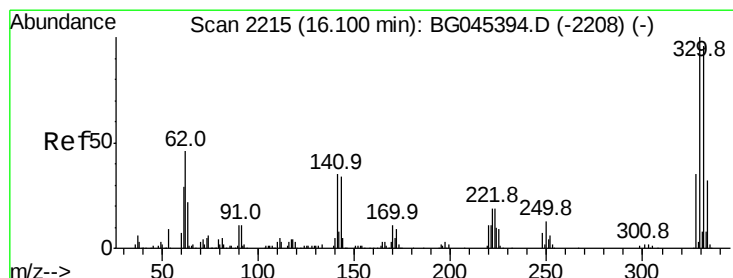
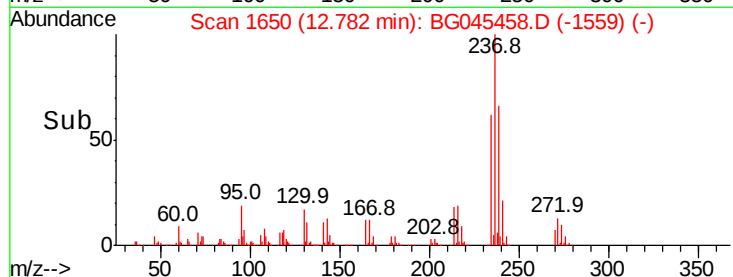
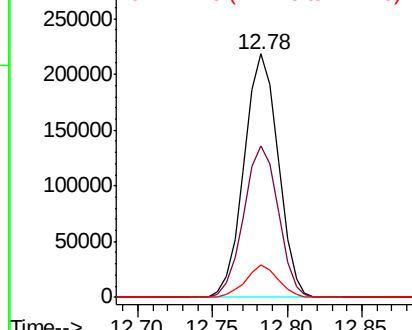
237 100

235 62.1 44.4 84.4

272 13.3 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.982 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

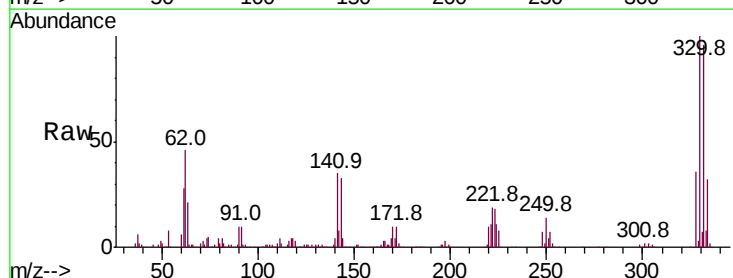
Tgt Ion:330 Resp: 380088

Ion Ratio Lower Upper

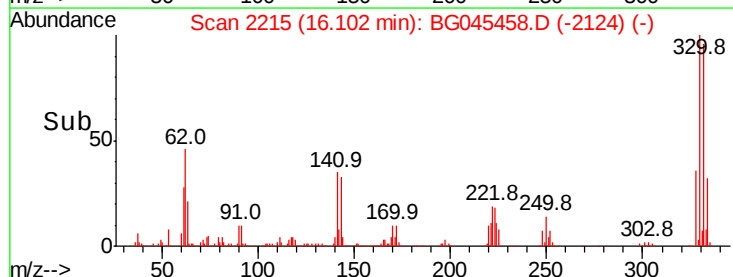
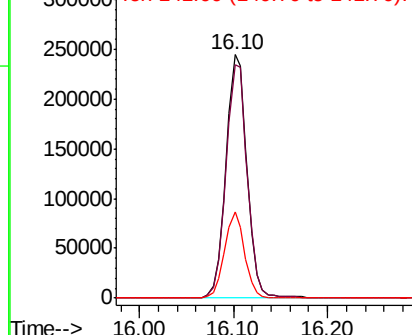
330 100

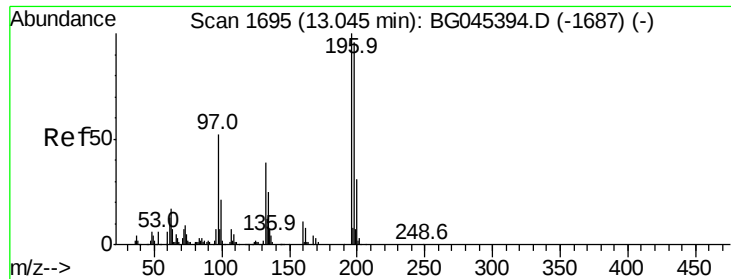
332 97.6 78.2 117.4

141 33.9 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

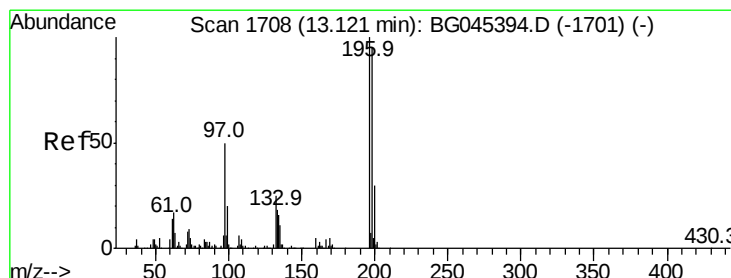
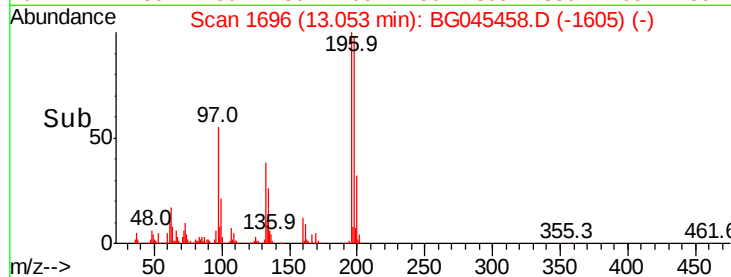
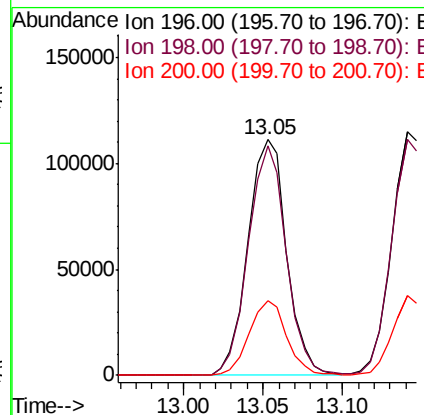
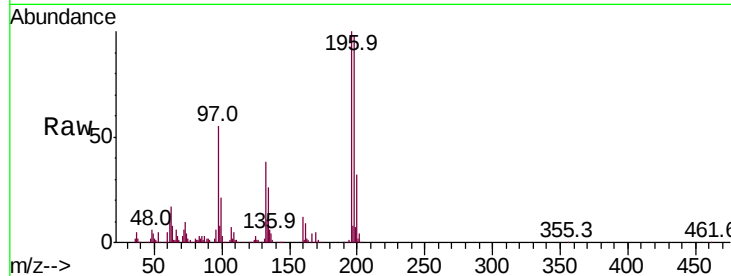




#43
 2,4,6-Trichlorophenol
 Concen: 46.858 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

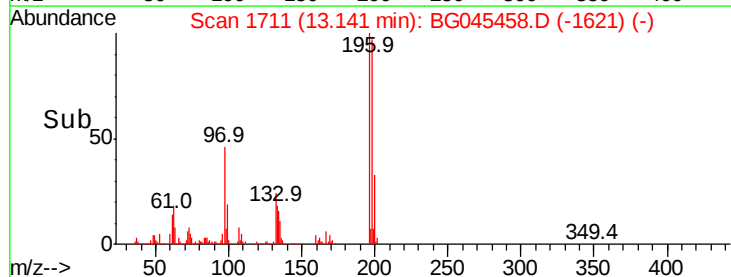
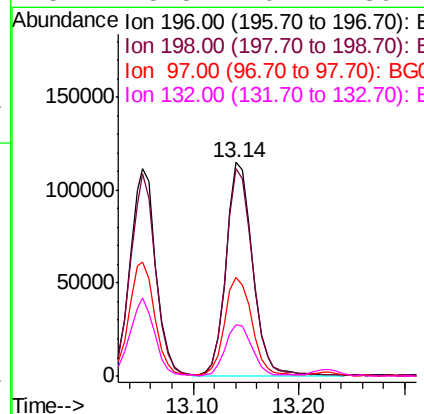
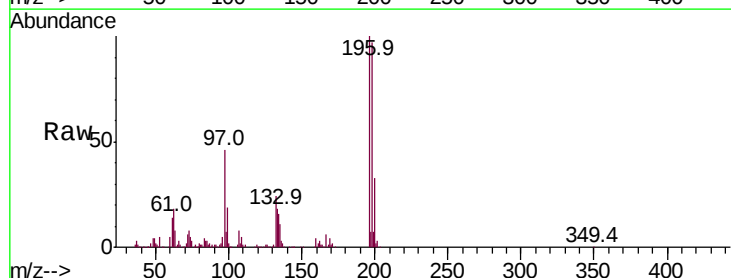
Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

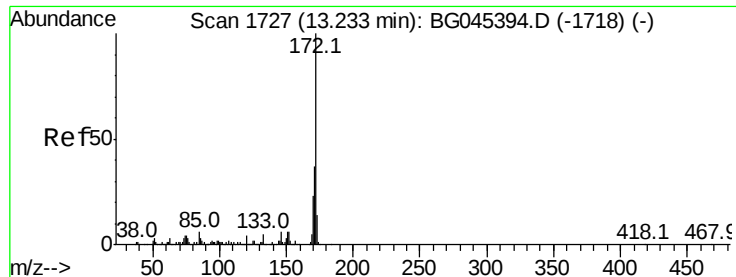
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.7	115.1
200	31.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.827 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.1	114.1
97	46.3	40.0	60.0
132	23.8	20.2	30.2

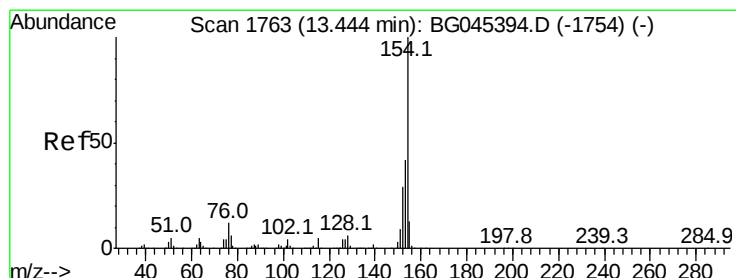
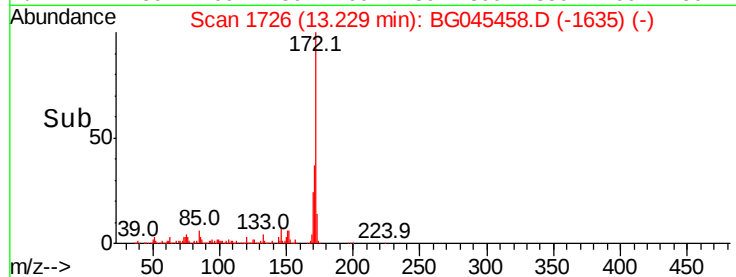
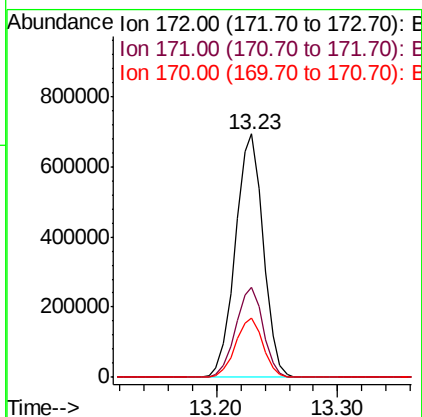
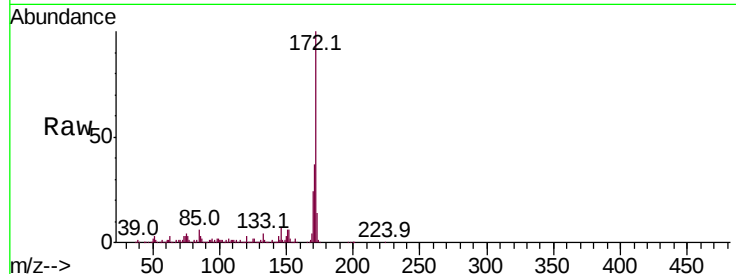




#45
2-Fluorobiphenyl
Concen: 90.867 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

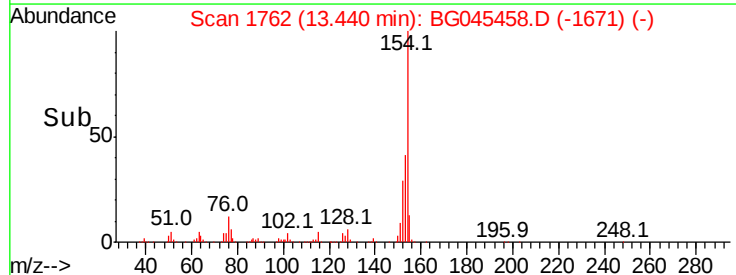
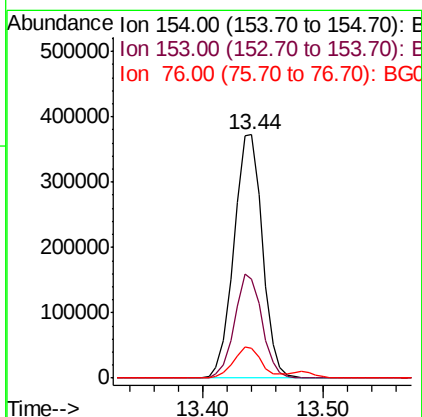
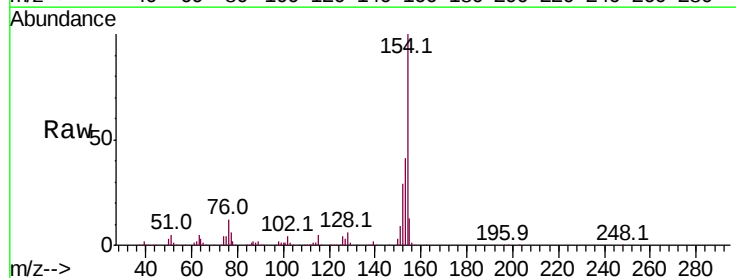
Instrument :
BNA_G
ClientSampleId :
PB129076BS

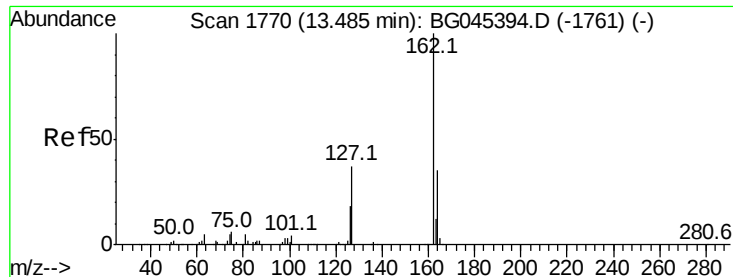
Tot Ion:172 Resp: 1113522
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 24.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 47.954 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:154 Resp: 612474
Ion Ratio Lower Upper
154 100
153 40.8 22.2 62.2
76 12.1 0.0 32.4





#47

2-Chloronaphthalene

Concen: 44.747 ng

RT: 13.48 min Scan# 1769

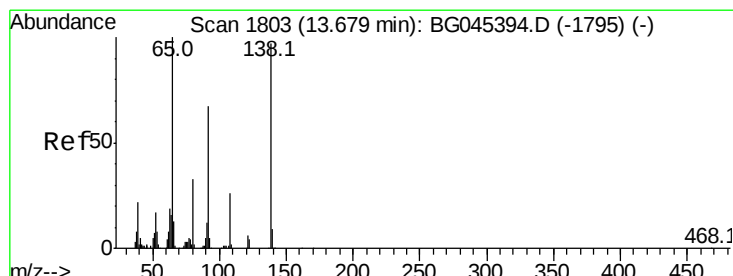
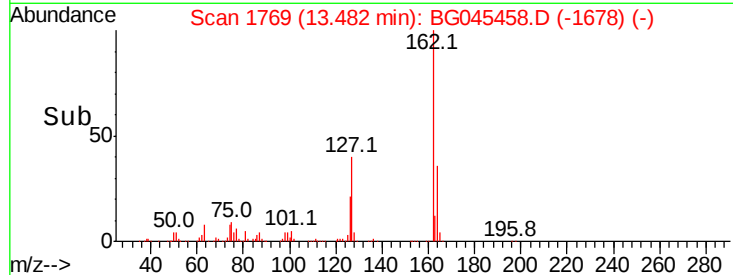
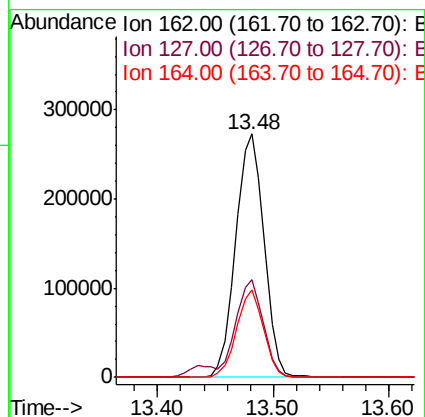
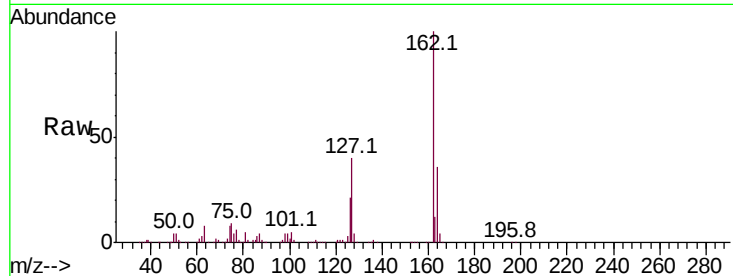
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.6	47.4
164	35.9	28.1	42.1



#48

2-Nitroaniline

Concen: 44.493 ng

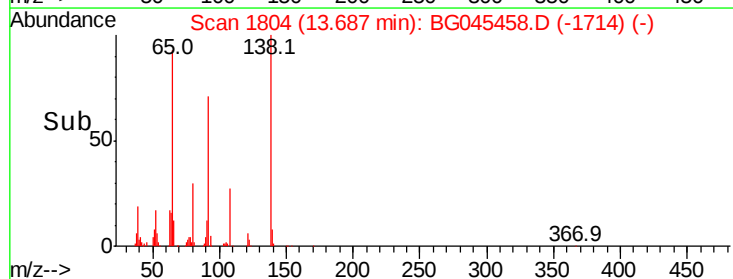
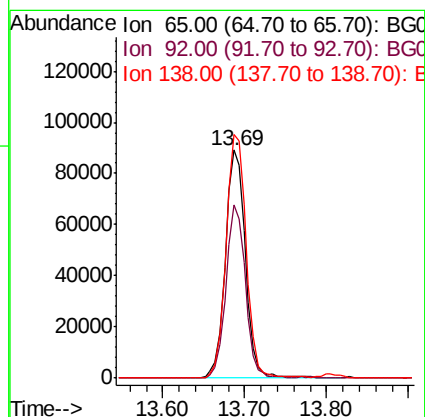
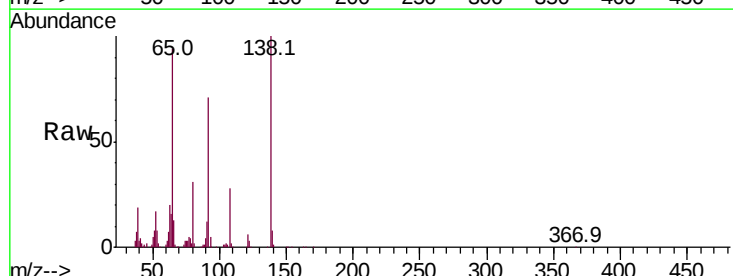
RT: 13.69 min Scan# 1804

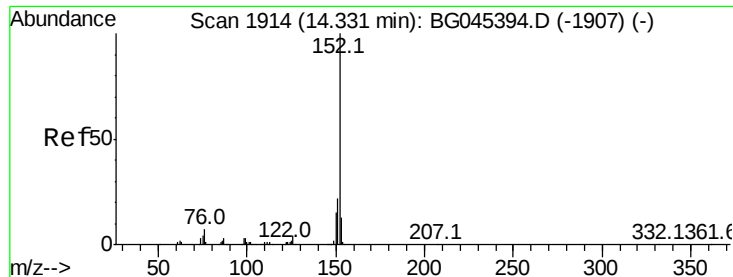
Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	53.8	80.8
138	106.8	77.9	116.9





#49

Acenaphthylene

Concen: 47.163 ng

RT: 14.33 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

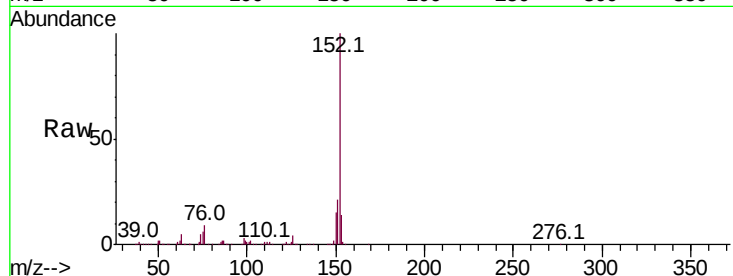
Tot Ion:152 Resp: 785696

Ion Ratio Lower Upper

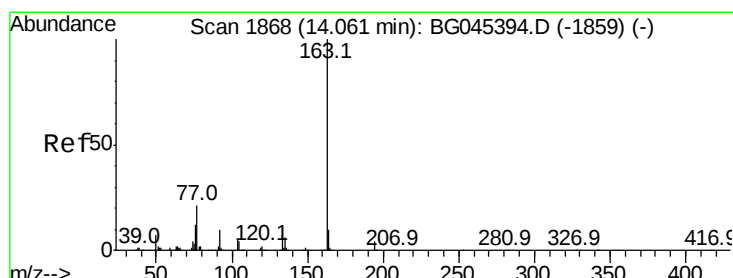
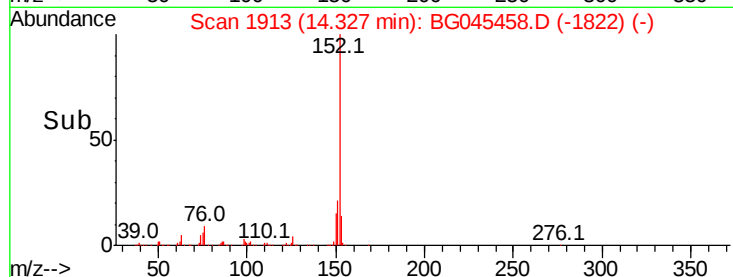
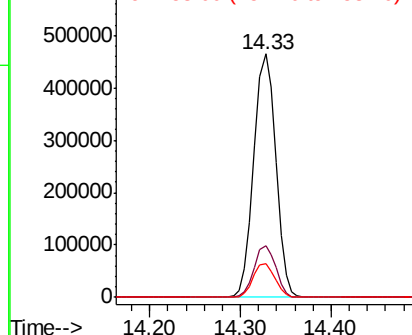
152 100

151 21.4 17.4 26.2

153 13.8 10.7 16.1



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: 45.832 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

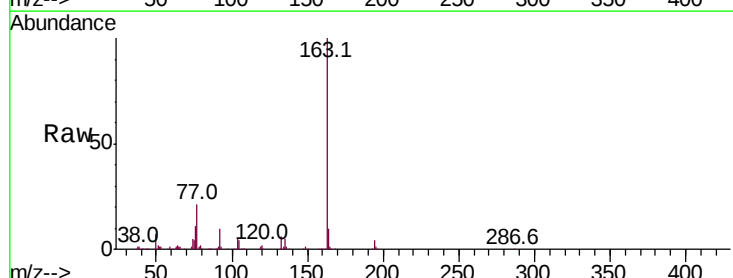
Tgt Ion:163 Resp: 653517

Ion Ratio Lower Upper

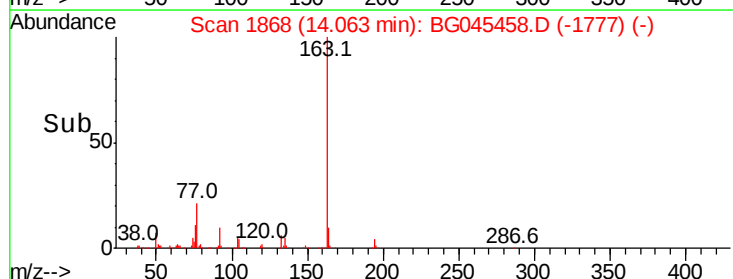
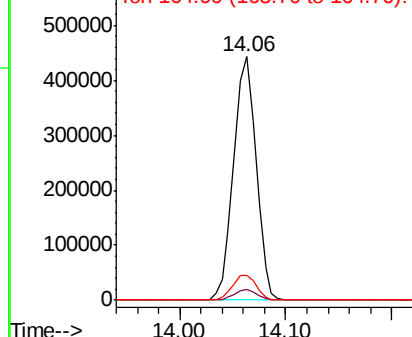
163 100

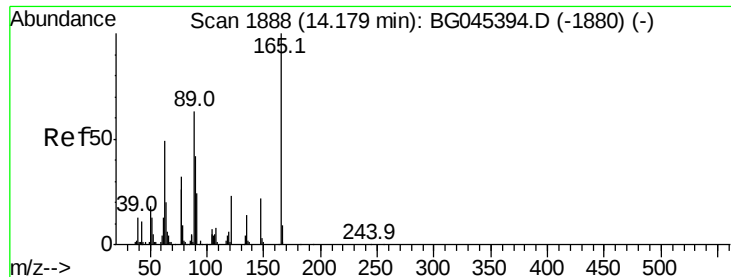
194 4.3 3.2 4.8

164 10.3 8.3 12.5



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: 45.769 ng

RT: 14.18 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

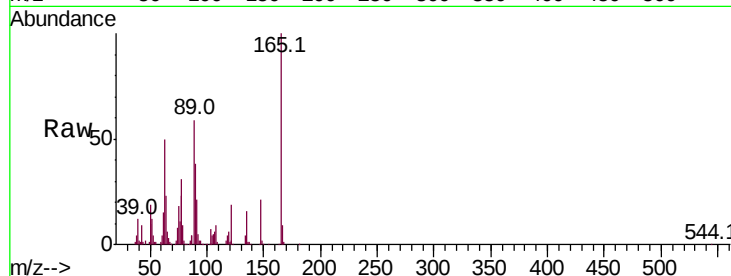
Tot Ion:165 Resp: 147265

Ion Ratio Lower Upper

165 100

63 50.4 45.0 67.4

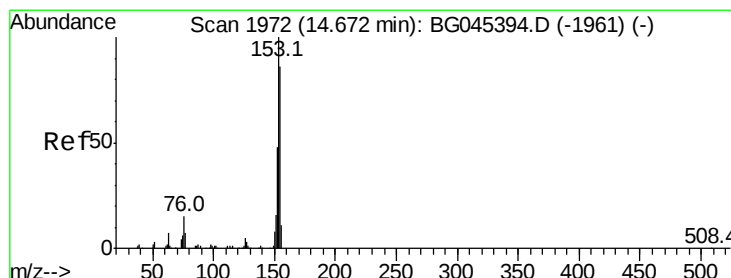
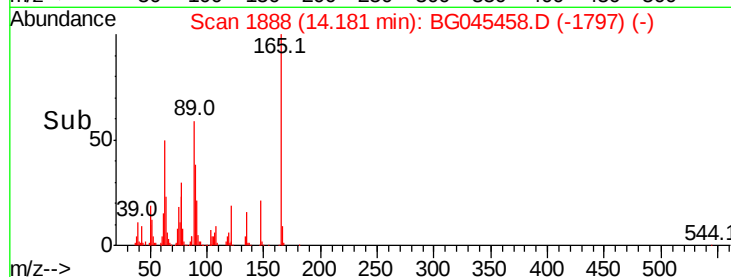
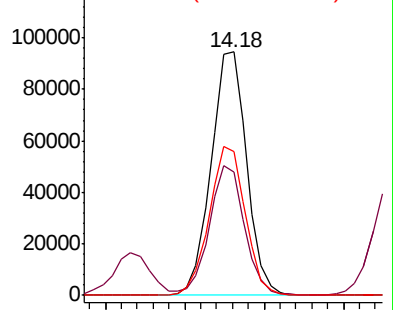
89 59.2 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.265 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

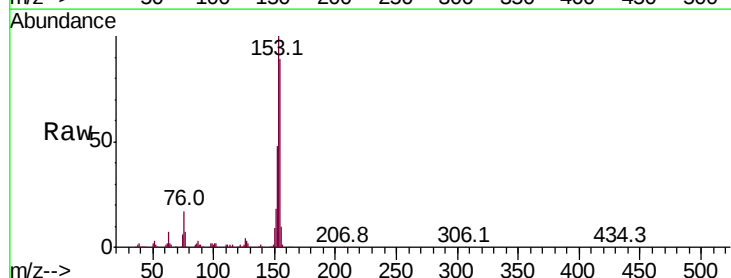
Tgt Ion:154 Resp: 460159

Ion Ratio Lower Upper

154 100

153 112.8 92.8 139.2

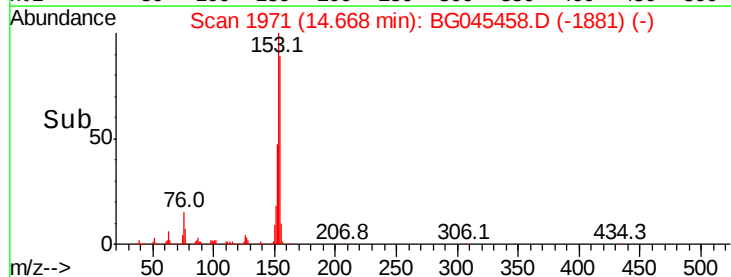
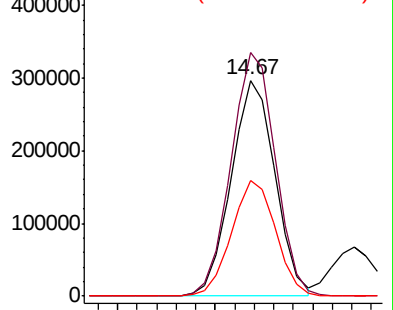
152 53.7 44.6 66.8

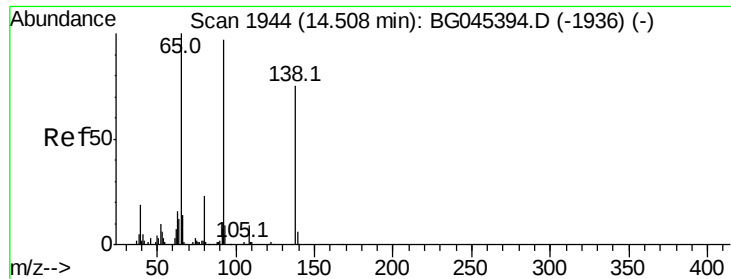


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.402 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

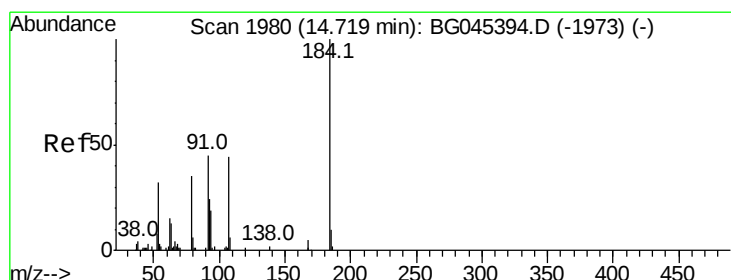
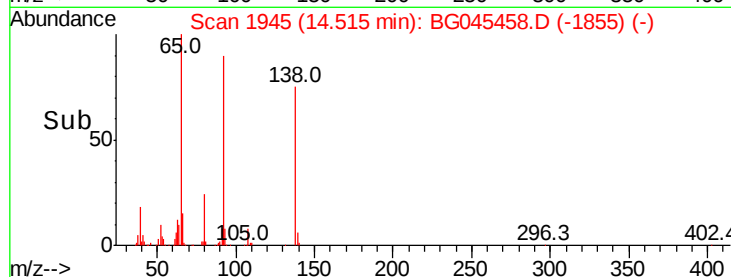
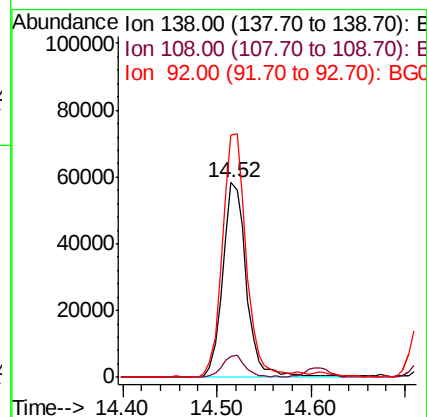
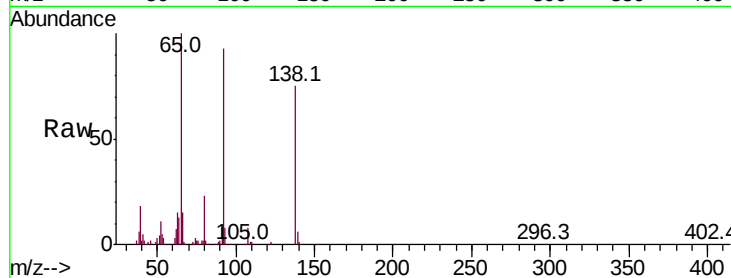
Tot Ion:138 Resp: 102709

Ion Ratio Lower Upper

138 100

108 10.8 9.8 14.6

92 124.1 103.0 154.4



#54

2,4-Dinitrophenol

Concen: 79.164 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

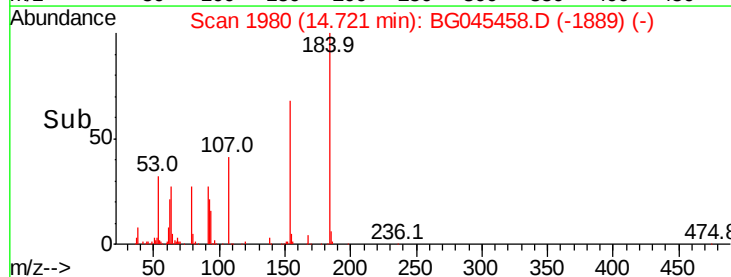
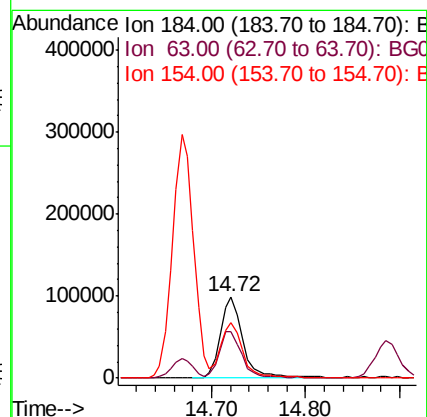
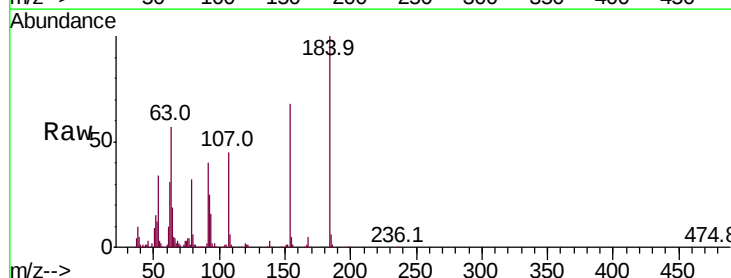
Tgt Ion:184 Resp: 166726

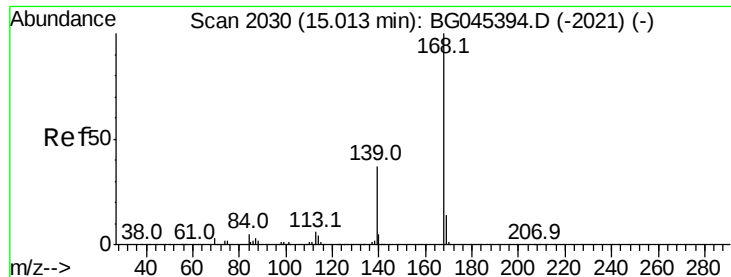
Ion Ratio Lower Upper

184 100

63 57.1 47.8 71.6

154 68.0 58.3 87.5





#55

Dibenzofuran

Concen: 45.415 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

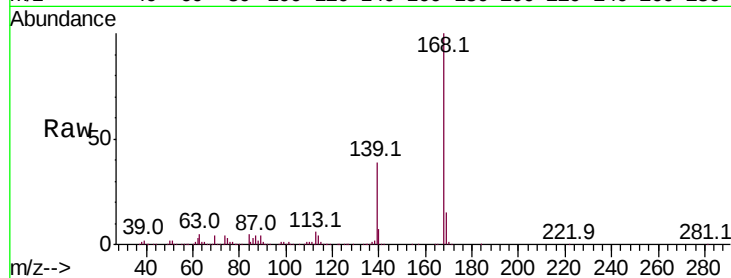
Tot Ion:168 Resp: 752069

Ion Ratio Lower Upper

168 100

139 38.9 29.9 44.9

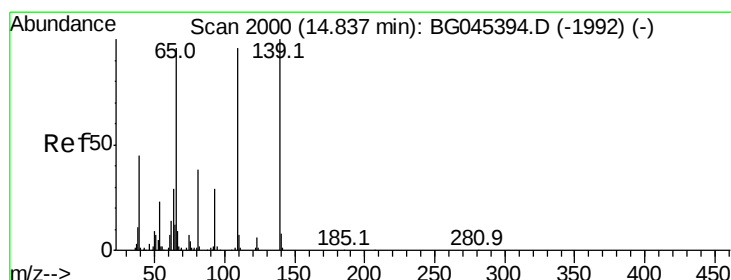
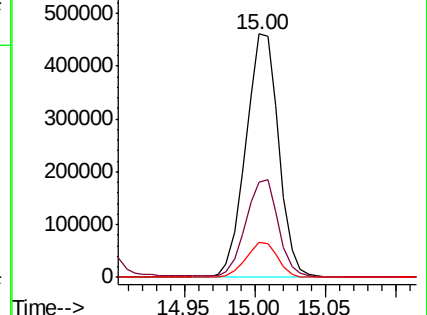
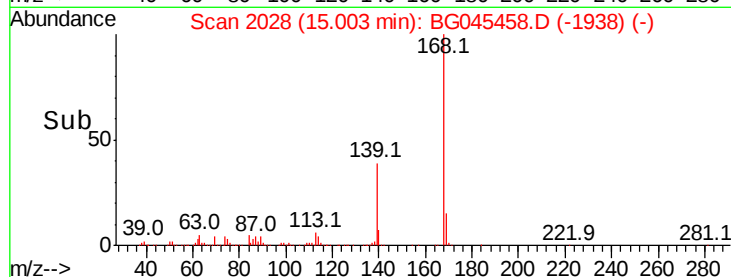
169 14.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 94.146 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

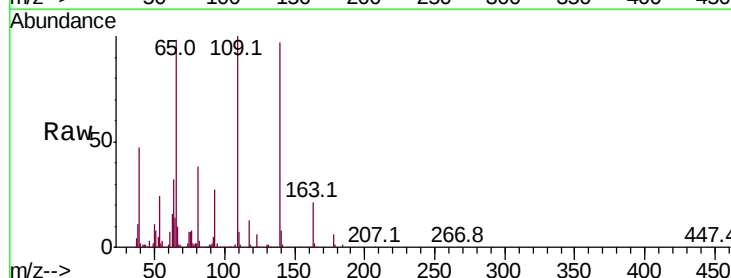
Tgt Ion:139 Resp: 233135

Ion Ratio Lower Upper

139 100

109 103.3 75.6 115.6

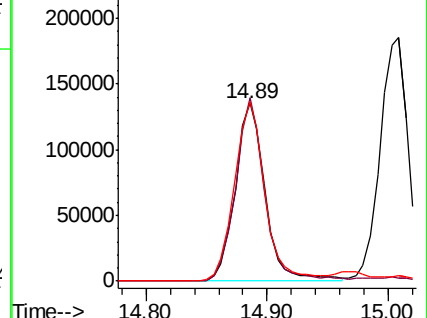
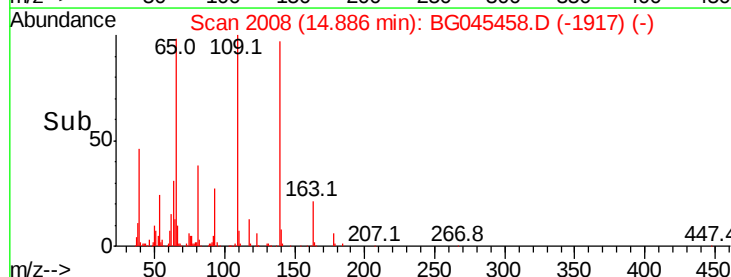
65 101.2 76.8 116.8

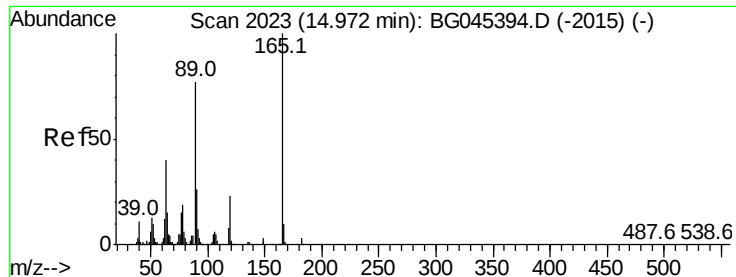


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

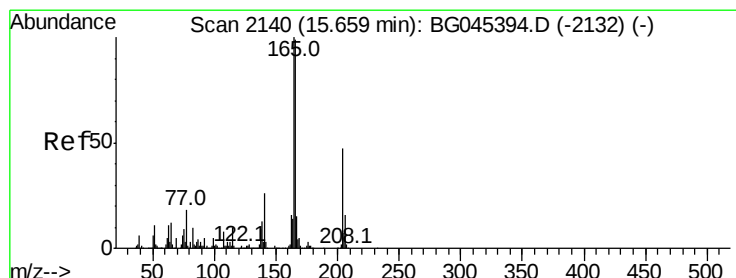
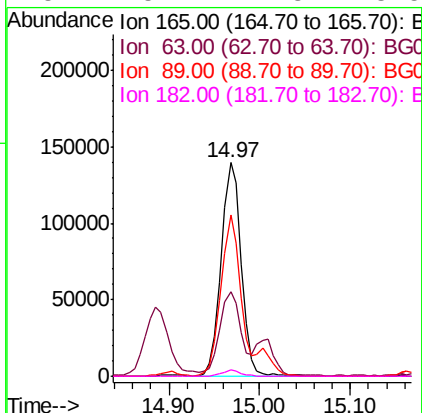
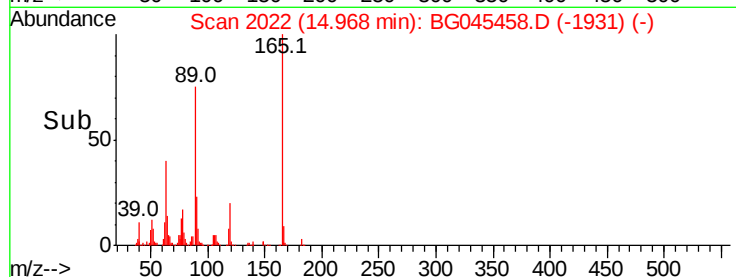
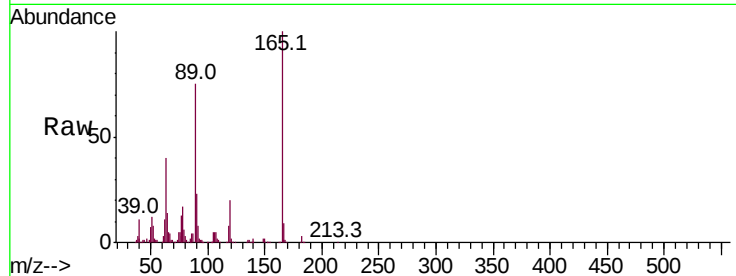




#57
2,4-Dinitrotoluene
Concen: 45.632 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

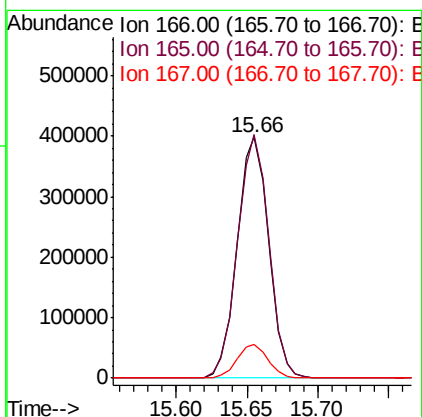
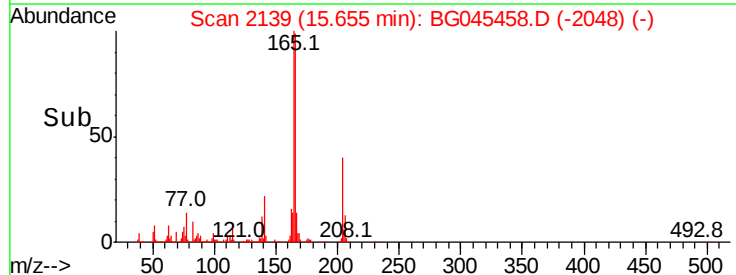
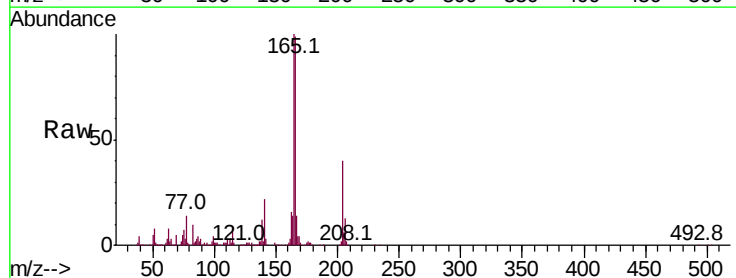
Instrument :
BNA_G
ClientSampleId :
PB129076BS

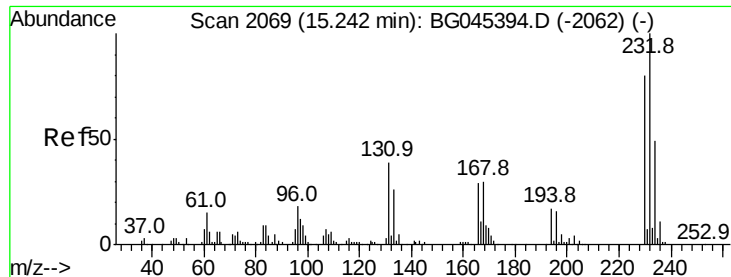
Tot Ion:165 Resp: 212641
Ion Ratio Lower Upper
165 100
63 39.8 32.5 48.7
89 75.4 61.8 92.6
182 3.1 2.3 3.5



#58
Fluorene
Concen: 45.761 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:166 Resp: 622565
Ion Ratio Lower Upper
166 100
165 101.2 80.8 121.2
167 14.2 12.0 18.0

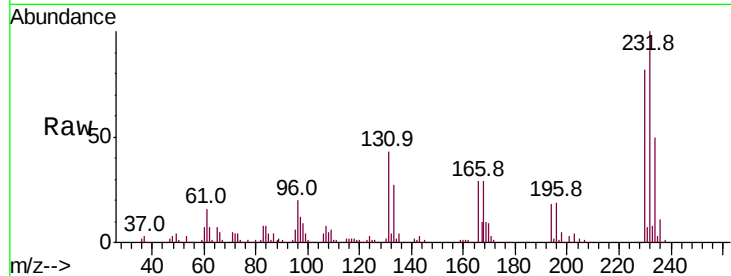




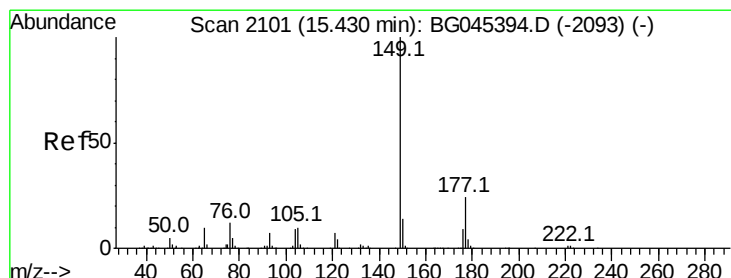
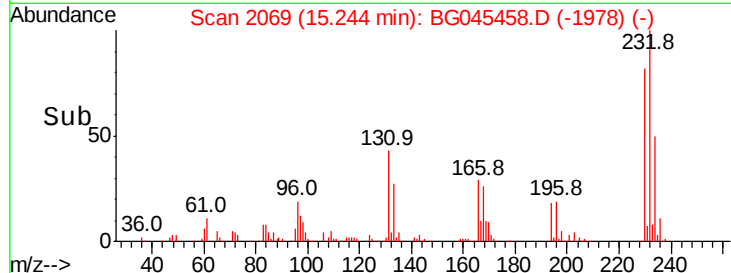
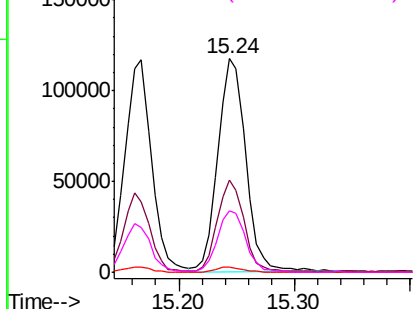
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.460 ng
RT: 15.24 min Scan# 2069
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tot Ion:	232	Resp:	196492
Ion	Ratio	Lower	Upper
232	100		
131	42.2	33.7	50.5
130	2.4	2.1	3.1
166	28.8	23.2	34.8

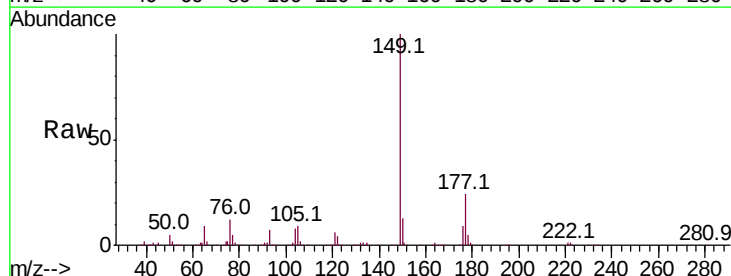


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

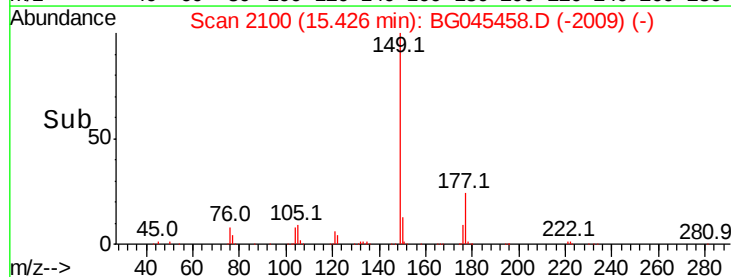
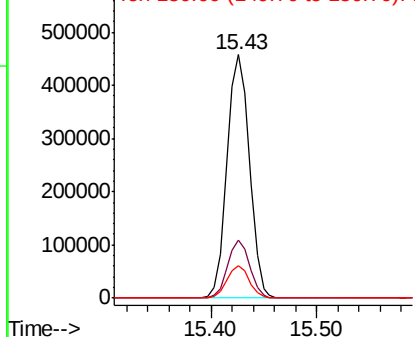


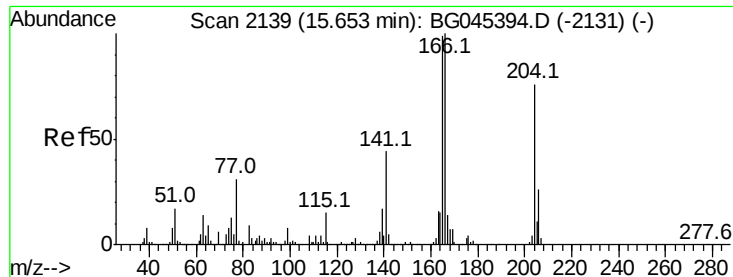
#60
Diethylphthalate
Concen: 44.947 ng
RT: 15.43 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:	149	Resp:	667075
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.4
150	13.3	11.4	17.0



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

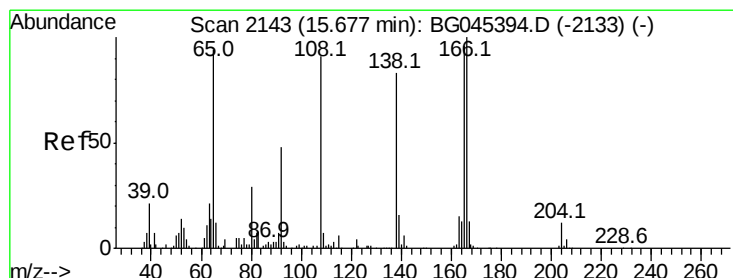
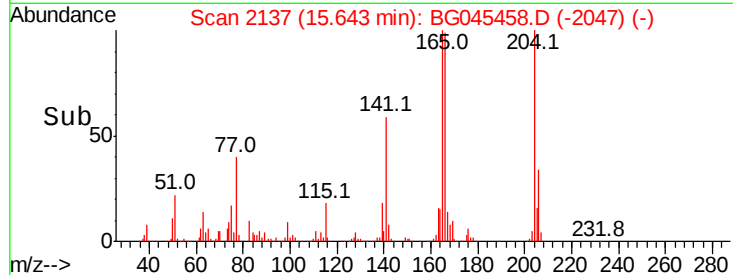
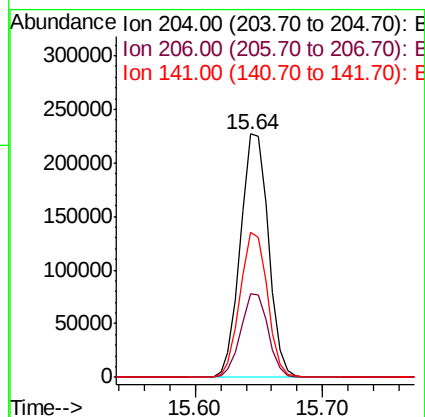
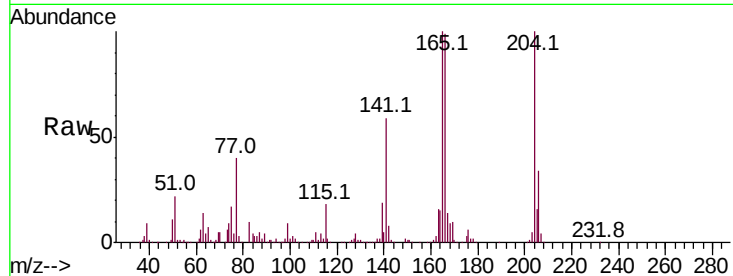




#61
4-Chlorophenyl-phenylether
Concen: 44.602 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

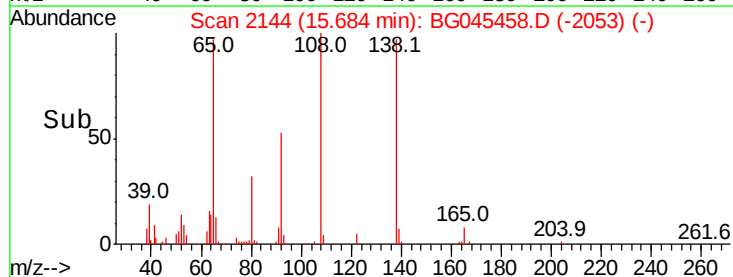
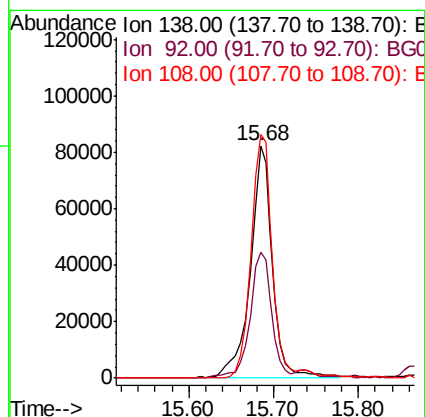
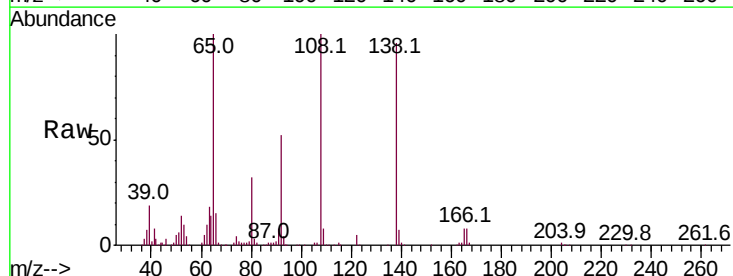
Instrument :
BNA_G
ClientSampleId :
PB129076BS

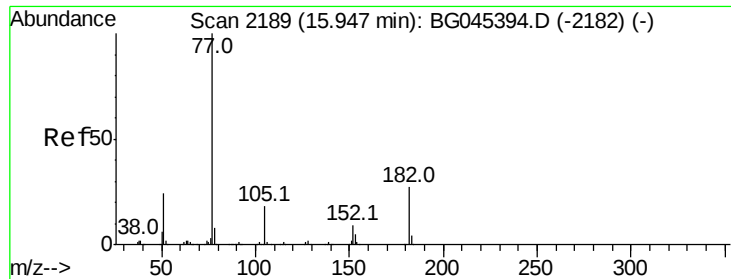
Tot Ion:204 Resp: 347229
Ion Ratio Lower Upper
204 100
206 34.3 27.3 40.9
141 59.4 45.9 68.9



#62
4-Nitroaniline
Concen: 43.994 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:138 Resp: 150221
Ion Ratio Lower Upper
138 100
92 54.2 38.0 78.0
108 104.7 89.3 129.3

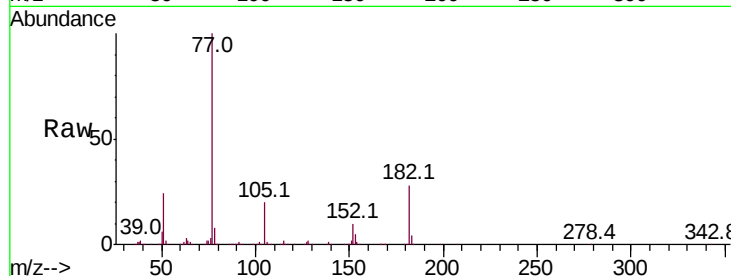




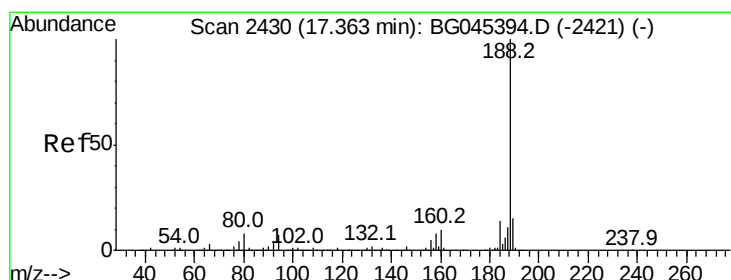
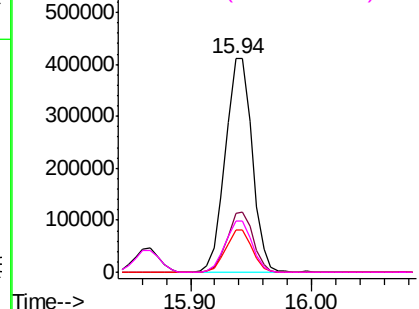
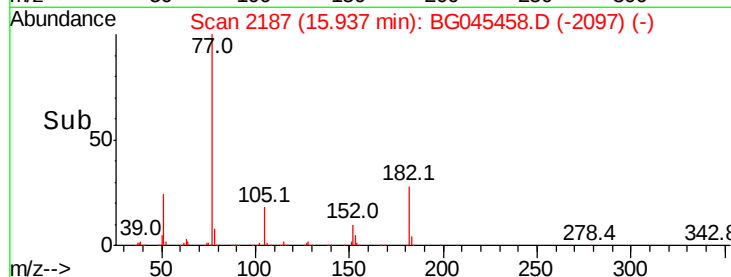
#63
Azobenzene
Concen: 45.696 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tot Ion:	77	Resp:	632370
Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.5	46.5
105	19.8	0.0	37.9
51	24.1	4.1	44.1

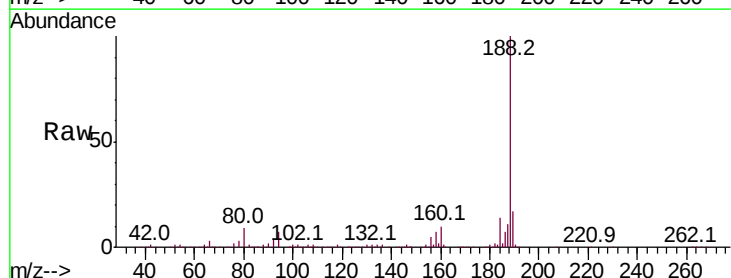


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

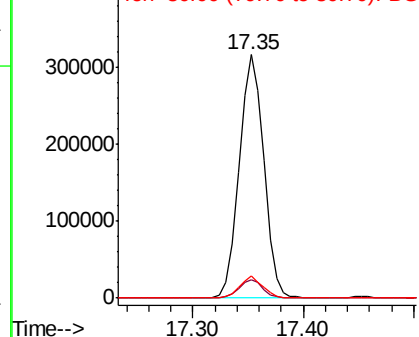
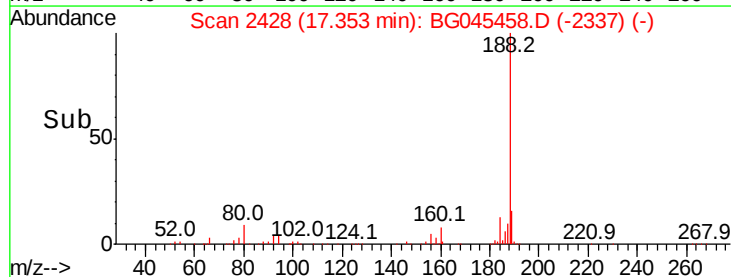


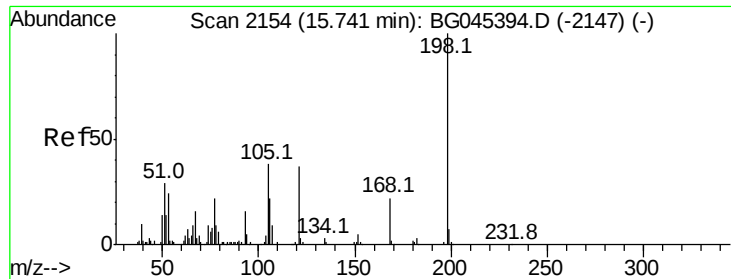
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:	188	Resp:	496442
Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.5	8.3
80	9.0	6.6	10.0



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

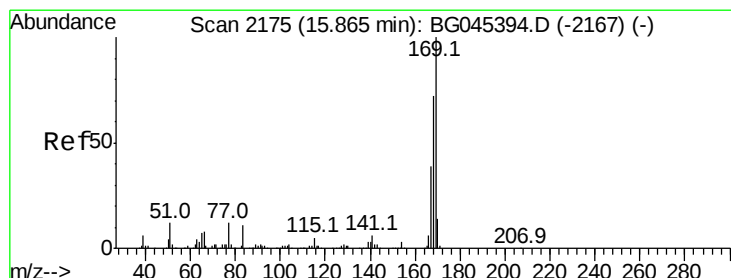
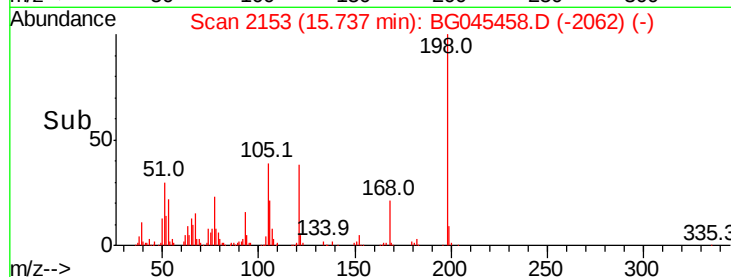
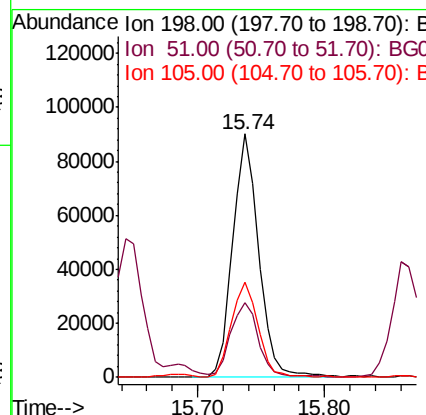
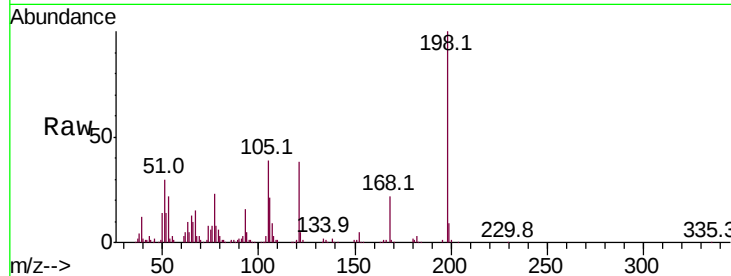




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.287 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

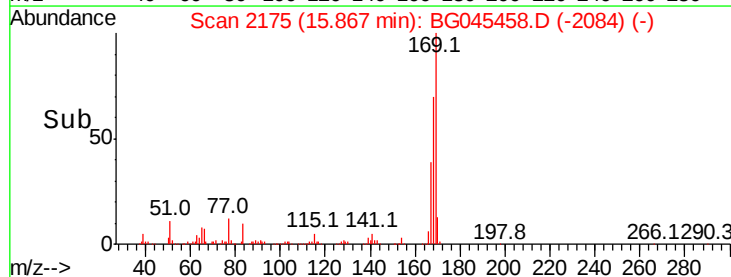
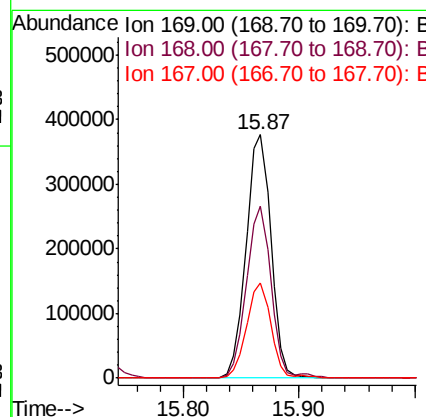
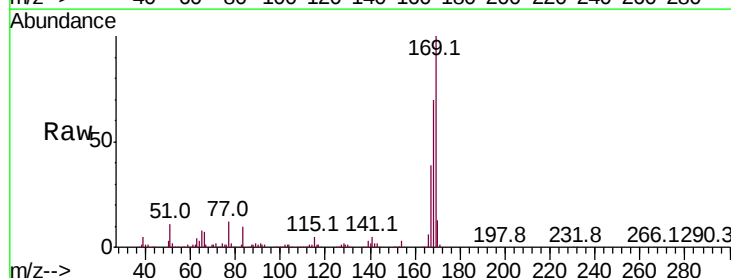
Instrument :
 BNA_G
 ClientSampleId :
 PB129076BS

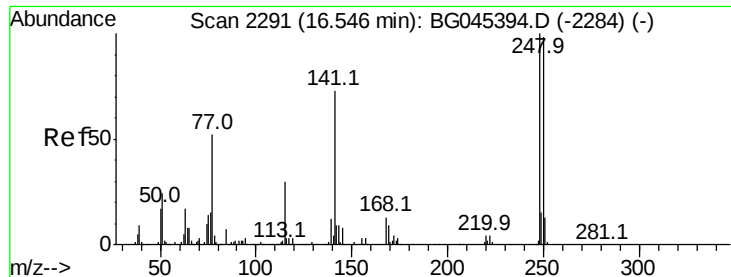
Tot Ion	Ratio	Lower	Upper
198	100		
51	30.5	10.0	50.0
105	39.1	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 47.328 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG045458.D
 Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.4	57.8	86.6
167	38.9	31.5	47.3

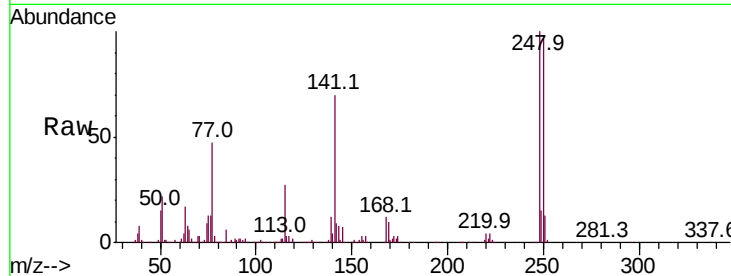




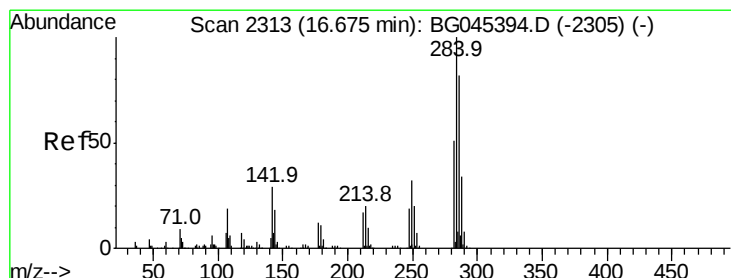
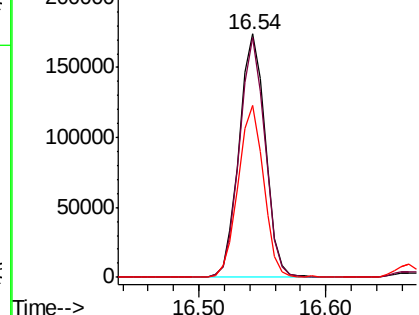
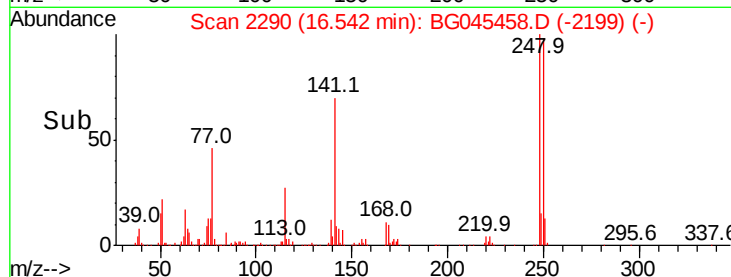
#67
4-Bromophenyl-phenylether
Concen: 46.173 ng
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tot Ion:248 Resp: 248208
Ion Ratio Lower Upper
248 100
250 98.4 78.6 117.8
141 70.4 58.2 87.2

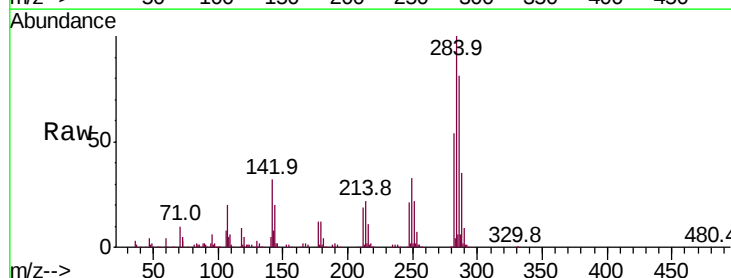


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

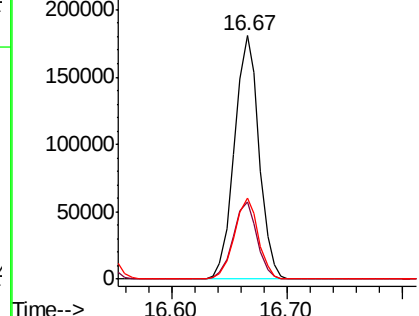
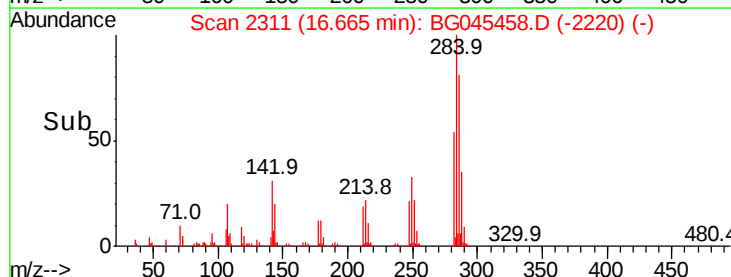


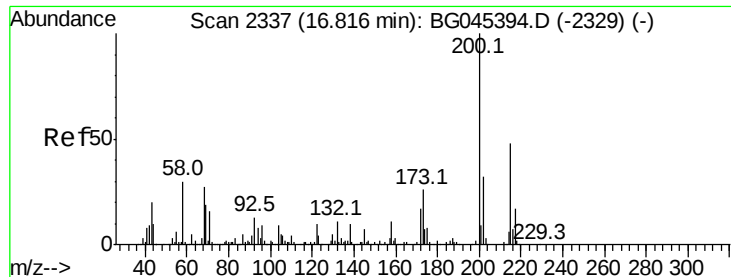
#68
Hexachlorobenzene
Concen: 47.282 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:284 Resp: 265842
Ion Ratio Lower Upper
284 100
142 31.7 23.0 34.6
249 33.3 25.8 38.6



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





#69

Atrazine

Concen: 44.540 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

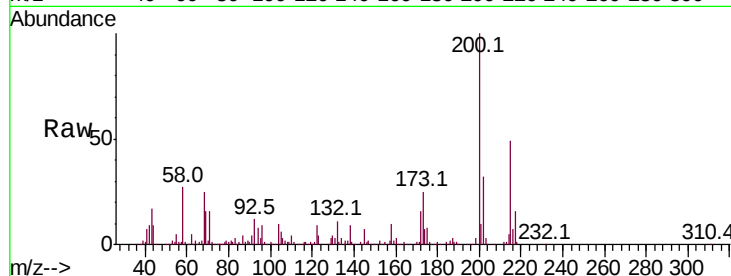
Tot Ion:200 Resp: 218671

Ion Ratio Lower Upper

200 100

173 25.3 5.5 45.5

215 49.2 28.2 68.2



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

200000

150000

100000

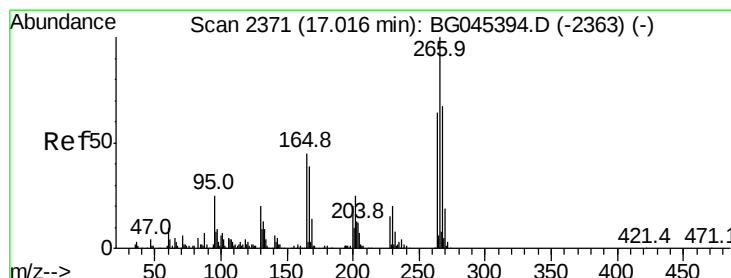
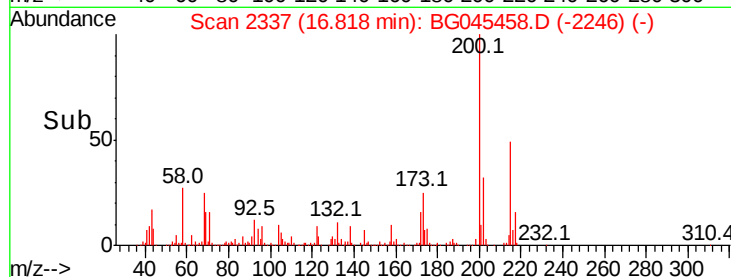
50000

0

16.82

16.75 16.80 16.85 16.90

Time-->



#70

Pentachlorophenol

Concen: 95.690 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

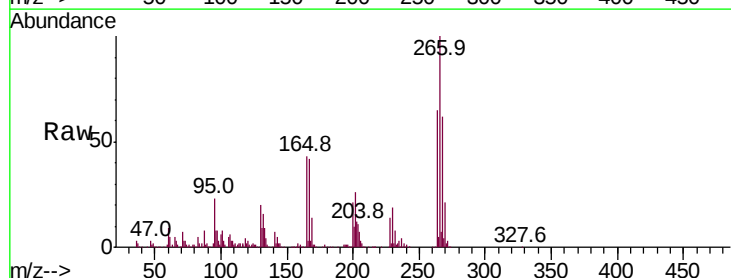
Tgt Ion:266 Resp: 279358

Ion Ratio Lower Upper

266 100

268 62.1 53.2 79.8

264 64.7 51.0 76.4



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

200000

150000

100000

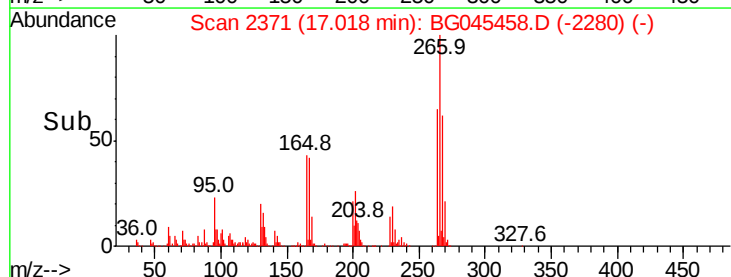
50000

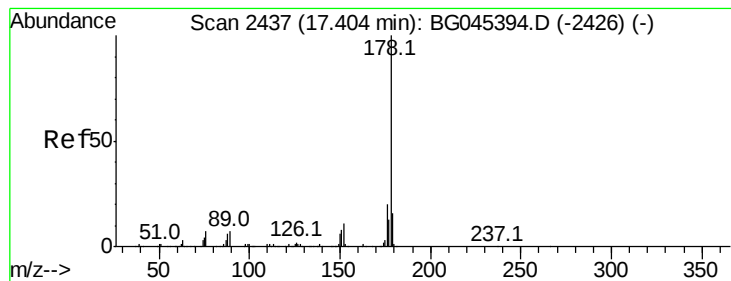
0

17.02

17.00 17.10

Time-->





#71

Phenanthrene

Concen: 47.615 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

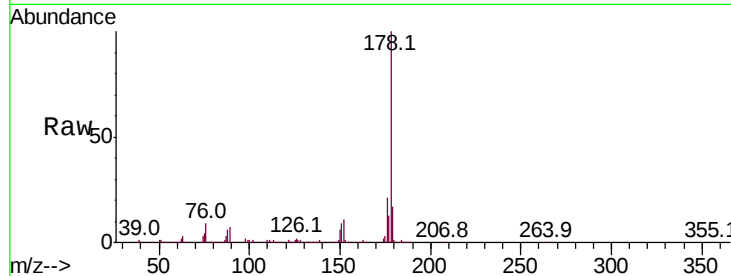
Tot Ion:178 Resp: 1031941

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

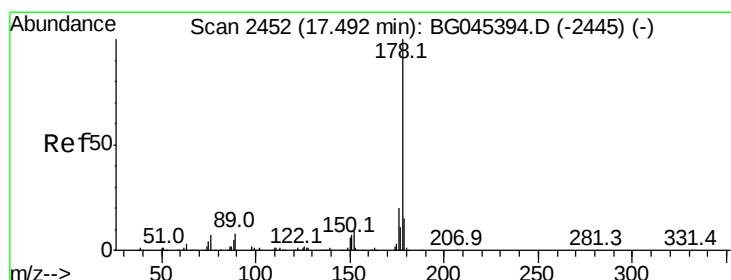
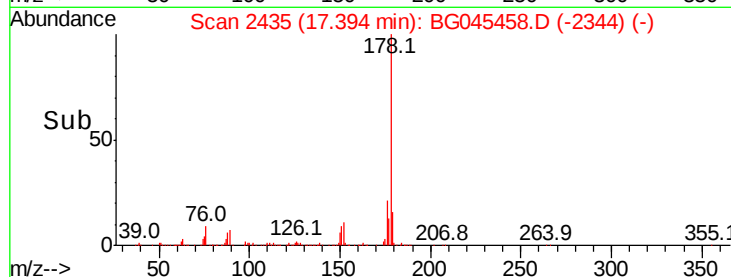
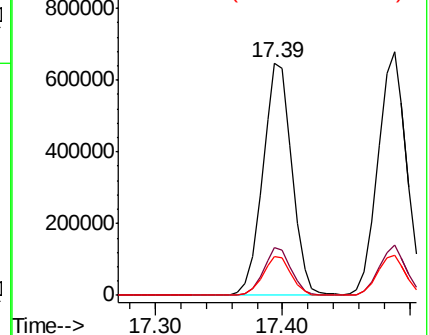
179 16.6 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.846 ng

RT: 17.49 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

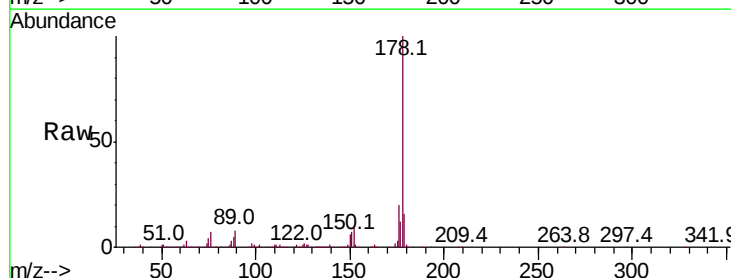
Tgt Ion:178 Resp: 1063096

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.6

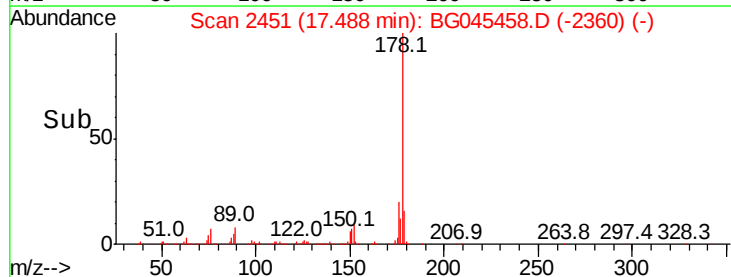
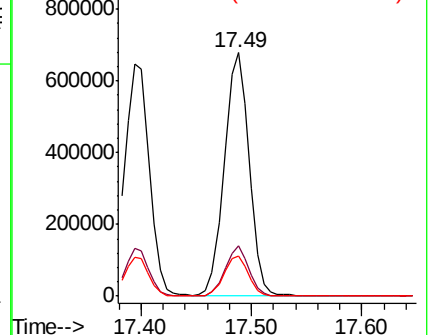
179 16.2 12.2 18.4

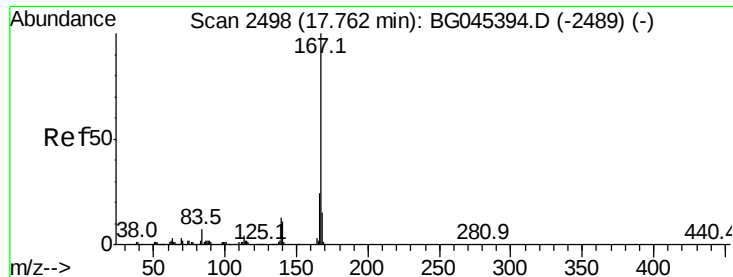


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.776 ng

RT: 17.76 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

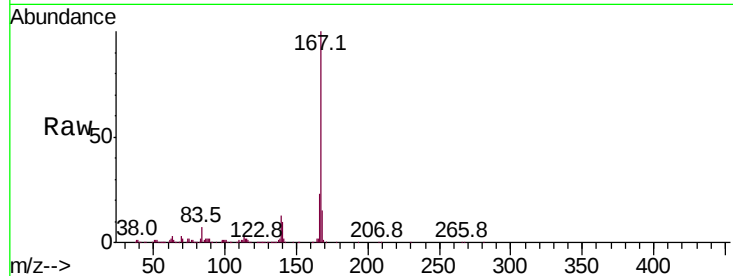
Tot Ion:167 Resp: 971138

Ion Ratio Lower Upper

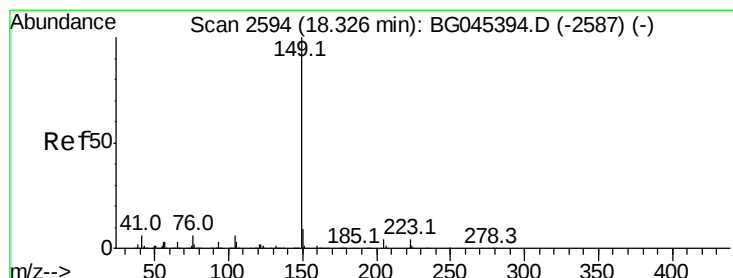
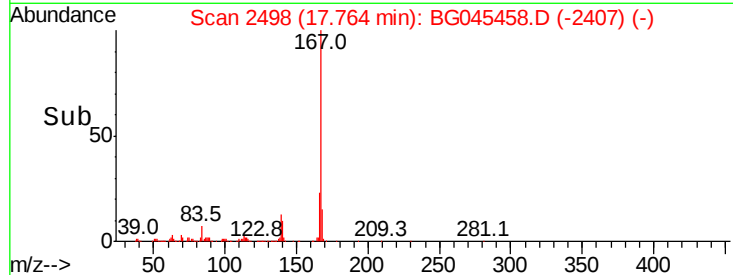
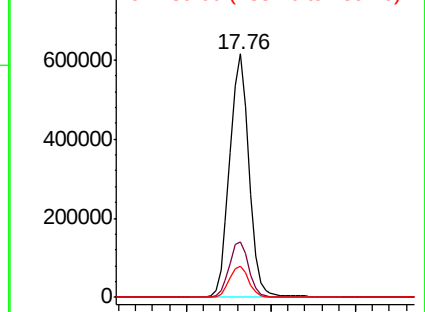
167 100

166 23.0 19.2 28.8

139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.144 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

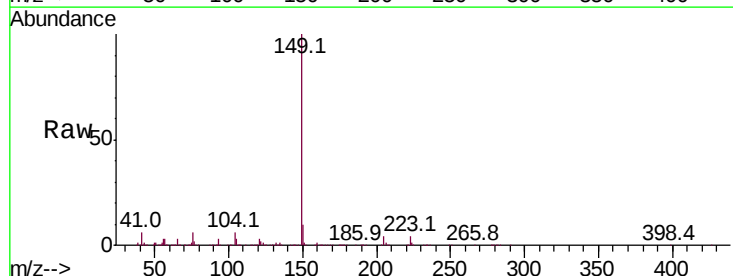
Tgt Ion:149 Resp: 1149511

Ion Ratio Lower Upper

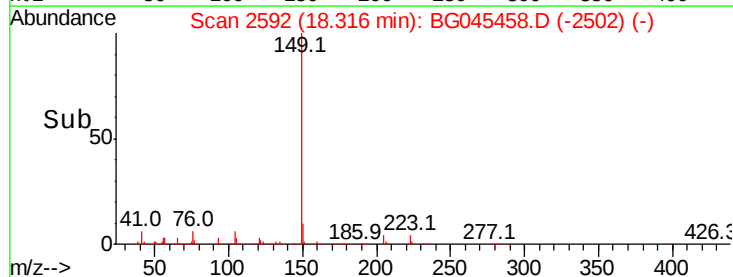
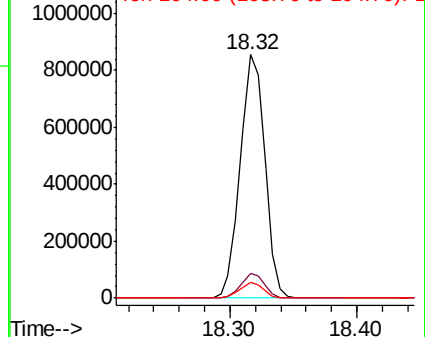
149 100

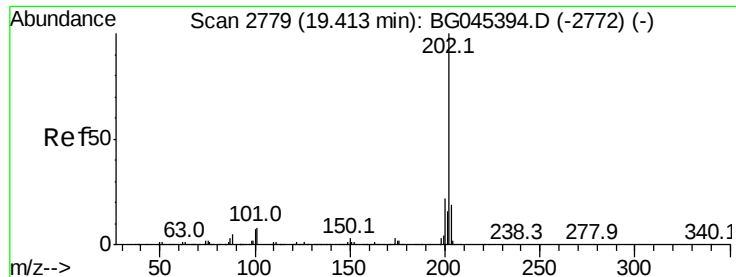
150 10.1 7.6 11.4

104 6.3 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.039 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

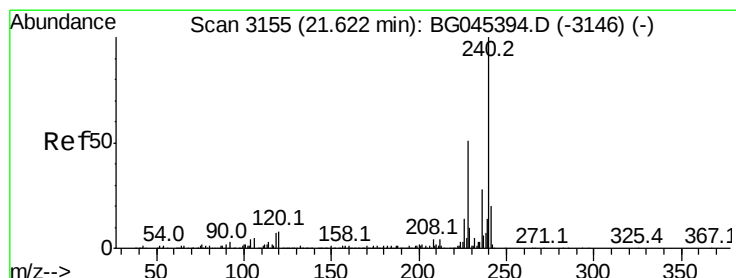
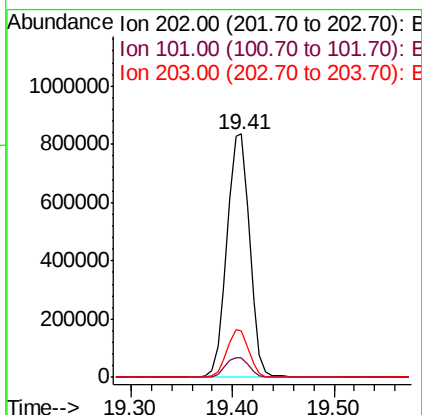
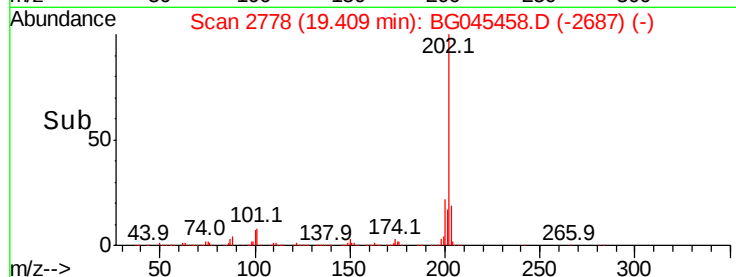
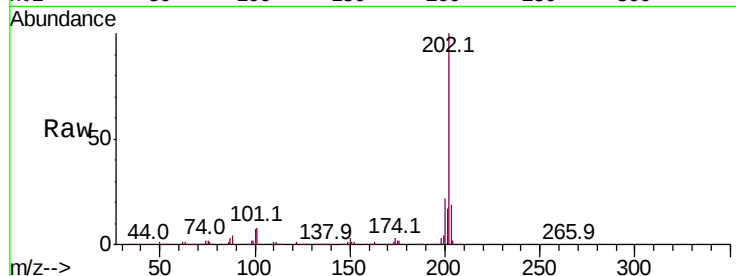
Tot Ion:202 Resp: 1296684

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.3

203 19.0 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

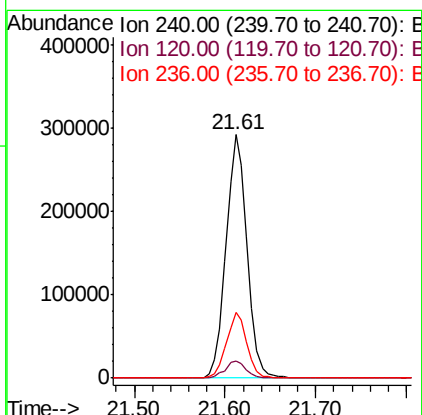
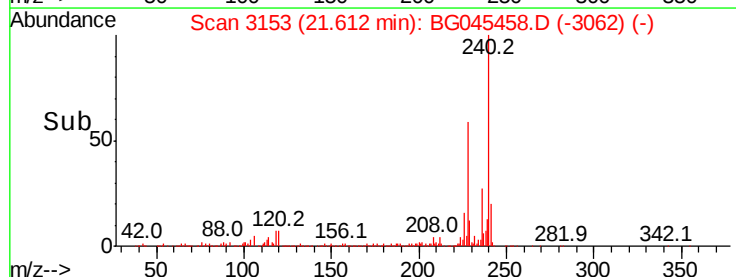
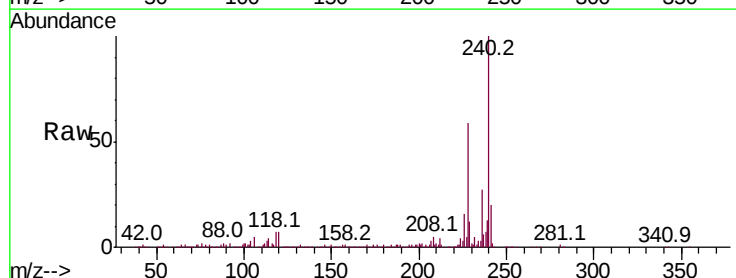
Tgt Ion:240 Resp: 467532

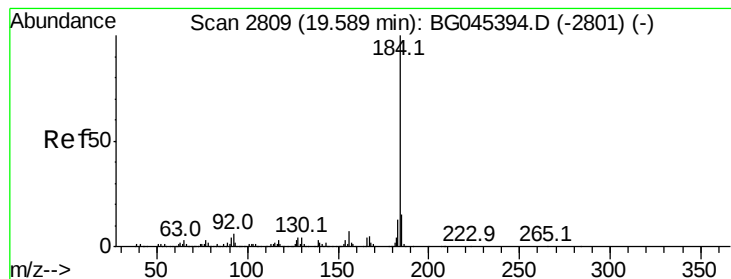
Ion Ratio Lower Upper

240 100

120 7.2 6.1 9.1

236 27.2 22.3 33.5





#77

Benzidine

Concen: 46.861 ng

RT: 19.59 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

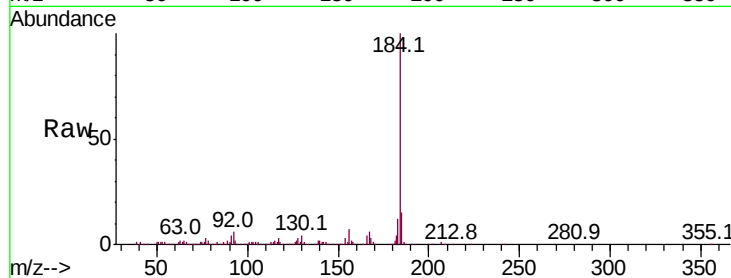
Tot Ion:184 Resp: 615323

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.7	17.5
183	12.4	10.2	15.4

184 100

185 14.5 11.7 17.5

183 12.4 10.2 15.4

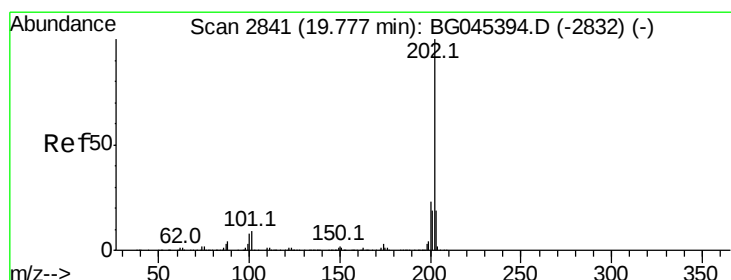
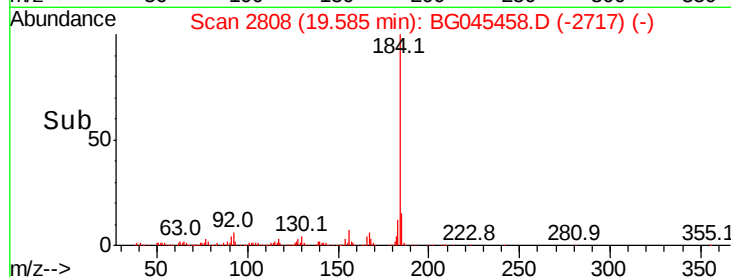
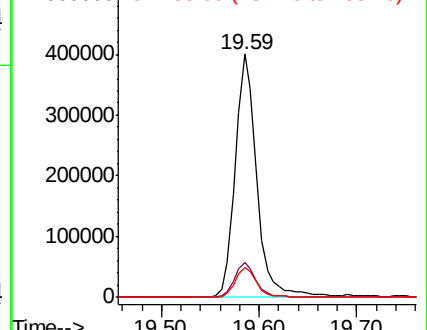


Abundance

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: 47.982 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

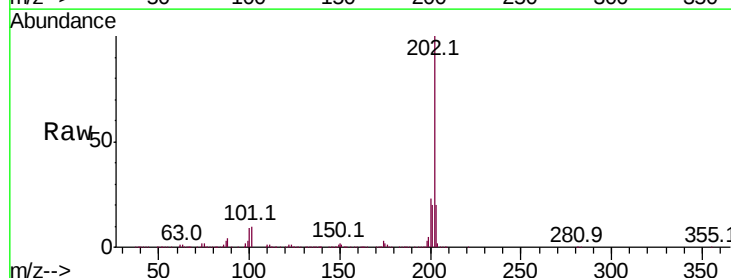
Tgt Ion:202 Resp: 1278777

Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	19.8	15.1	22.7

202 100

200 23.2 18.2 27.2

203 19.8 15.1 22.7

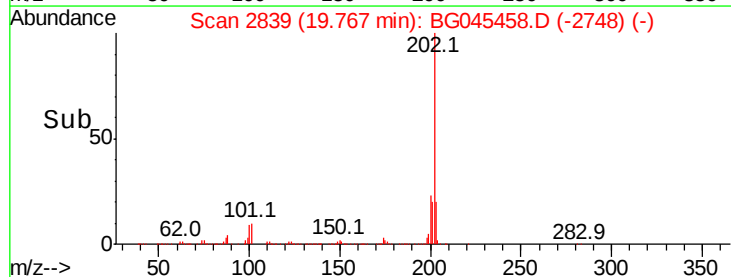
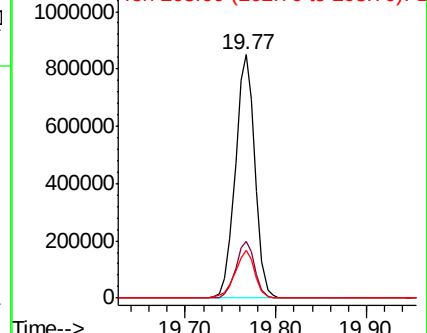


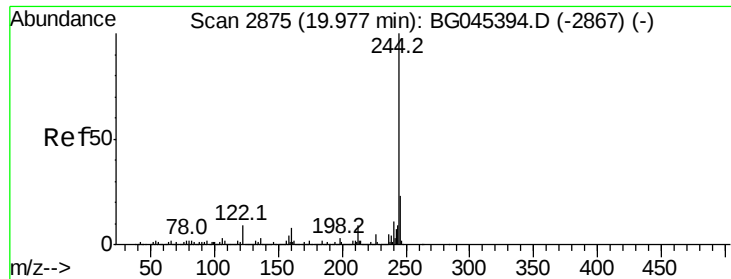
Abundance

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: 96.600 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

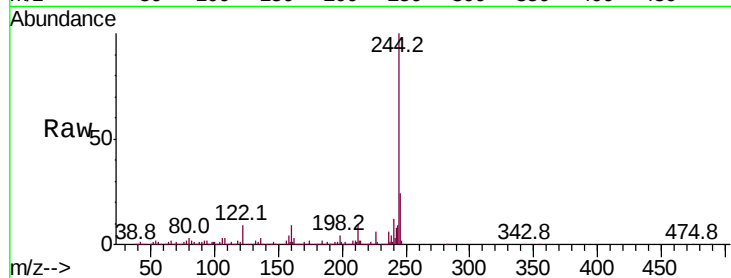
Tot Ion:244 Resp: 1936439

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

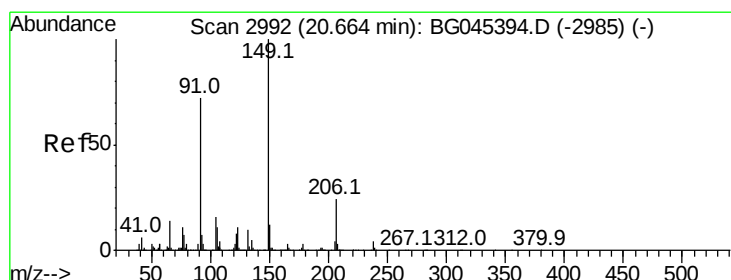
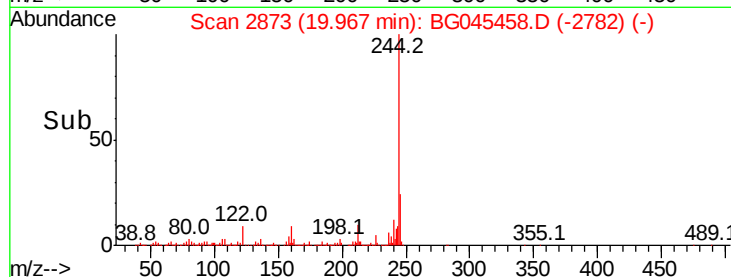
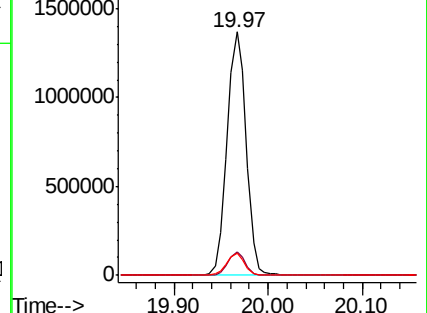
122 9.1 6.8 10.2



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: 45.298 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

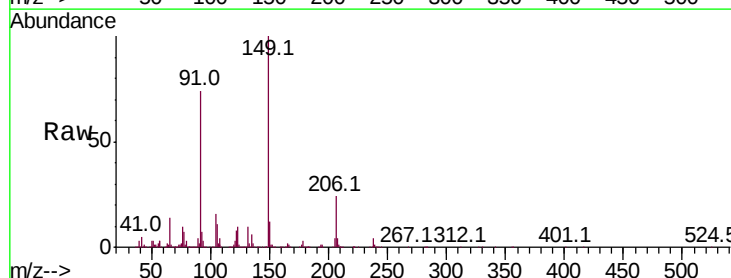
Tgt Ion:149 Resp: 521083

Ion Ratio Lower Upper

149 100

91 73.8 57.8 86.6

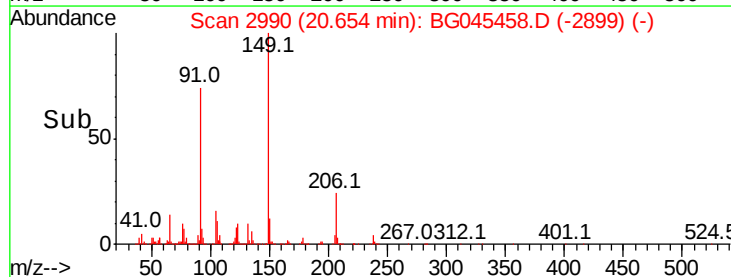
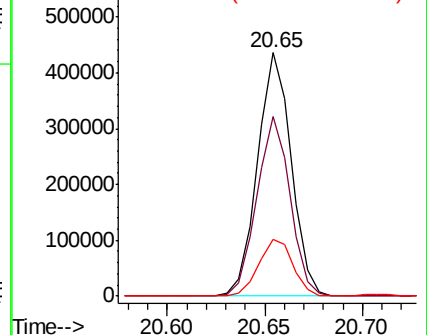
206 23.5 19.1 28.7

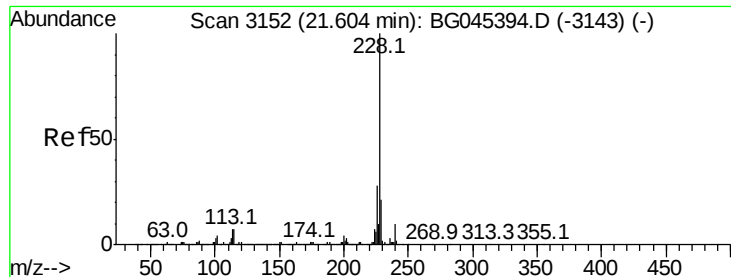


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.313 ng

RT: 21.59 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

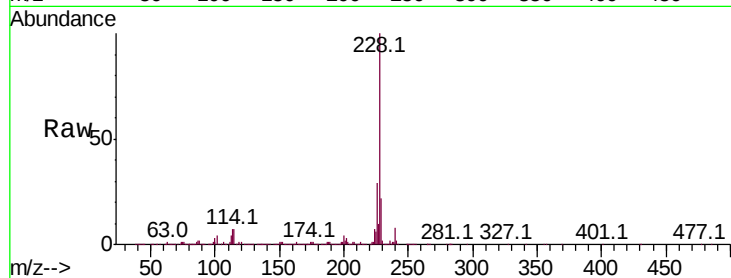
BNA_G

ClientSampleId :

PB129076BS

Tot Ion:228 Resp: 1232250

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	22.3	16.7	25.1

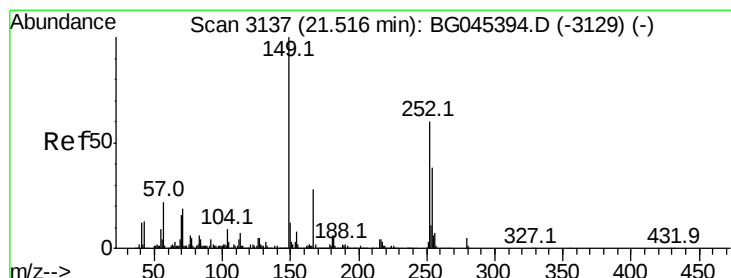
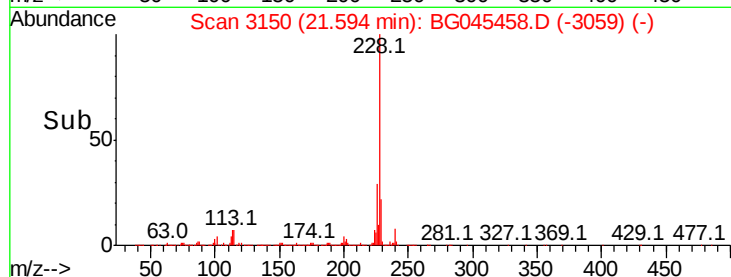
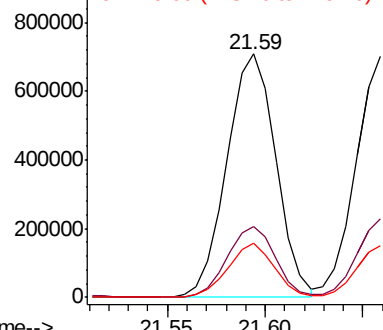


Abundance

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: 35.693 ng

RT: 21.51 min Scan# 3136

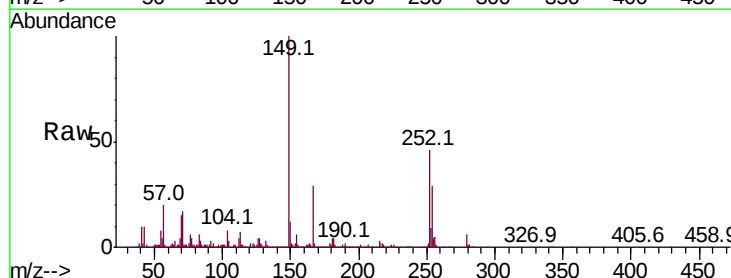
Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:252 Resp: 364656

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.3	76.9
126	7.7	6.6	10.0

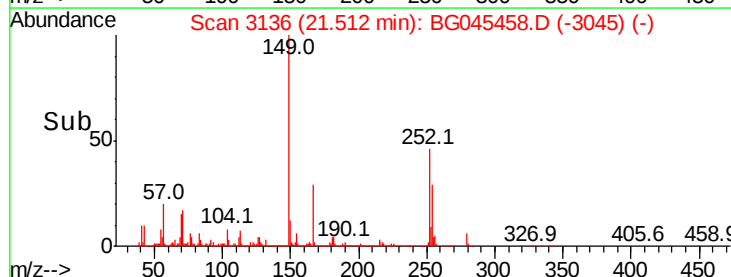
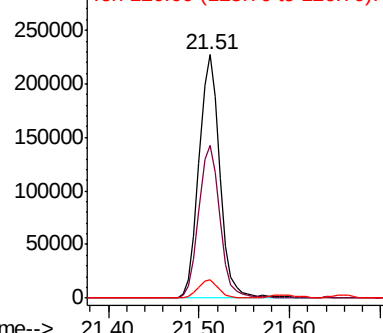


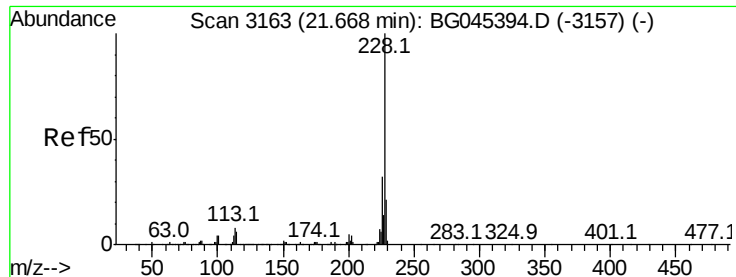
Abundance

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

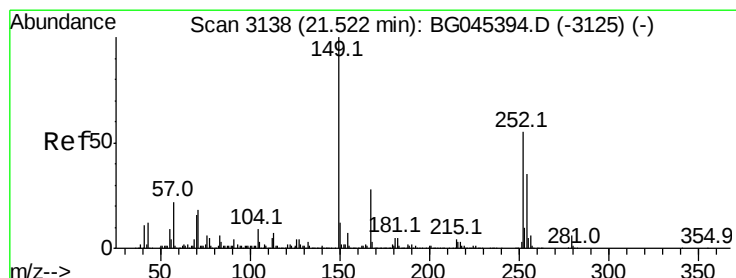
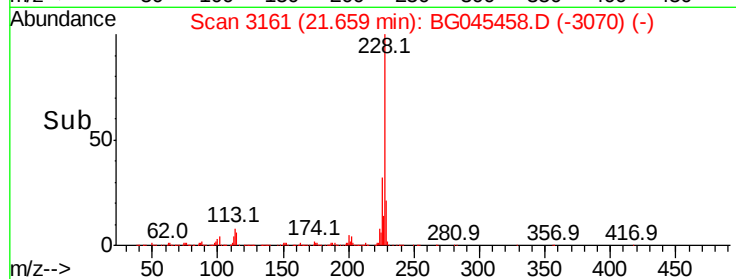
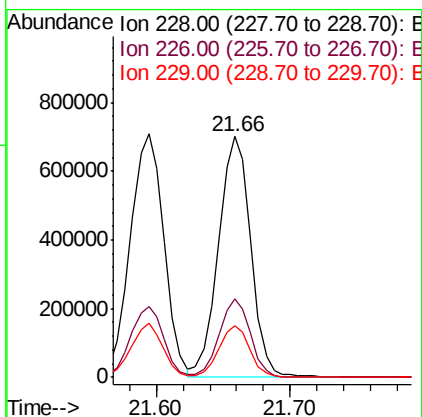
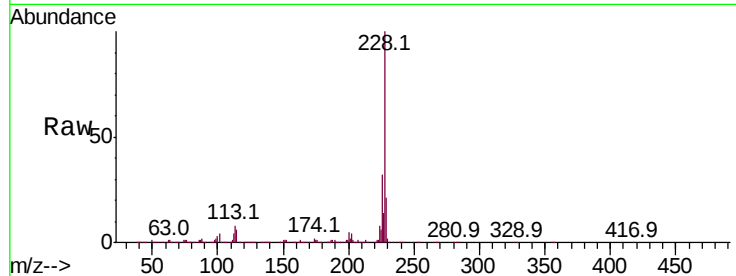




#83
Chrysene
Concen: 47.075 ng
RT: 21.66 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

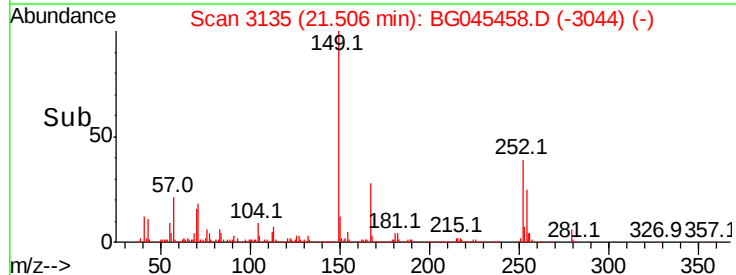
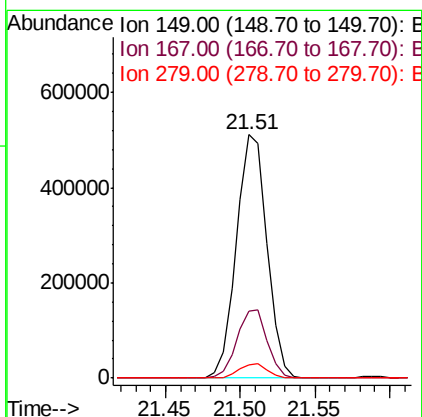
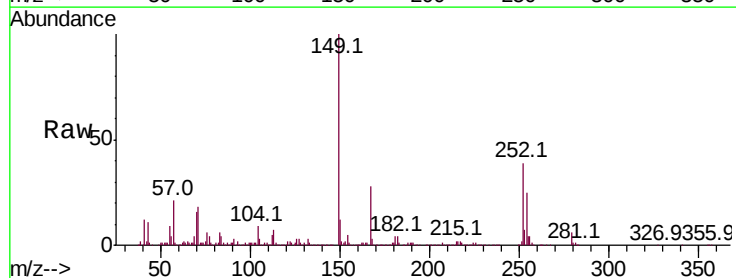
Instrument :
BNA_G
ClientSampleId :
PB129076BS

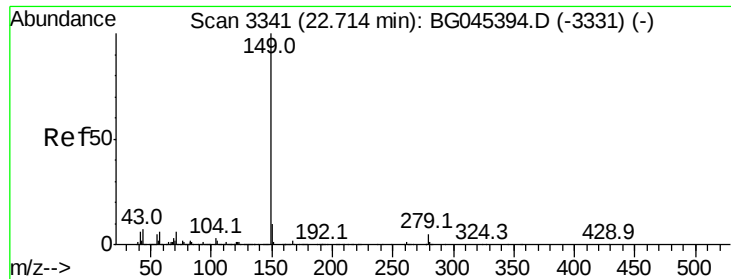
Tot Ion:228 Resp: 1178886
Ion Ratio Lower Upper
228 100
226 32.3 25.2 37.8
229 21.3 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.045 ng
RT: 21.51 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:149 Resp: 728108
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 5.5 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 45.522 ng

RT: 22.69 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

BNA_G

ClientSampleId :

PB129076BS

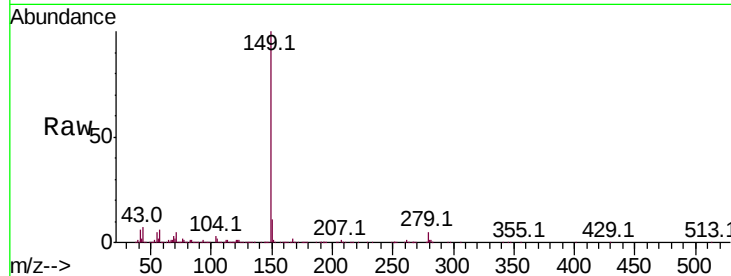
Tot Ion:149 Resp: 1236342

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

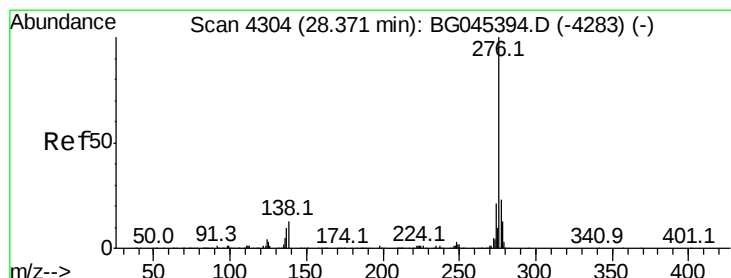
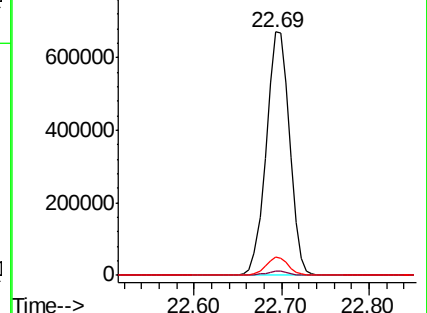
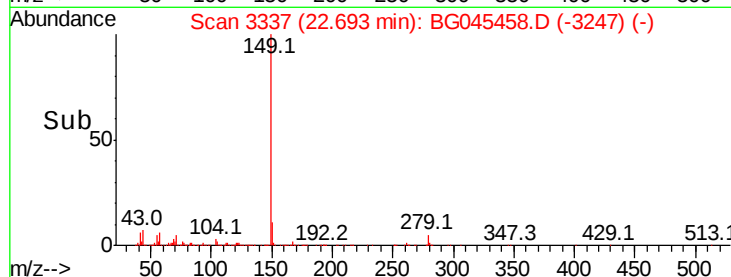
43 7.1 5.8 8.8



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: 48.619 ng

RT: 28.34 min Scan# 4298

Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

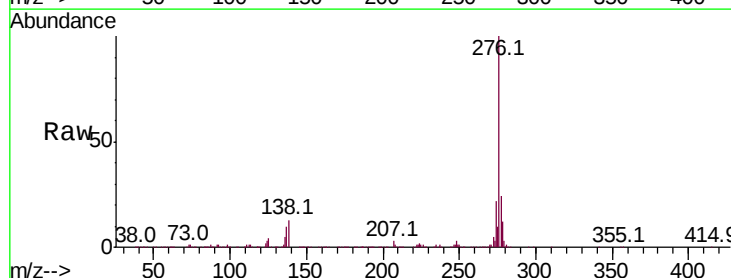
Tgt Ion:276 Resp: 1592185

Ion Ratio Lower Upper

276 100

138 15.4 8.6 12.8#

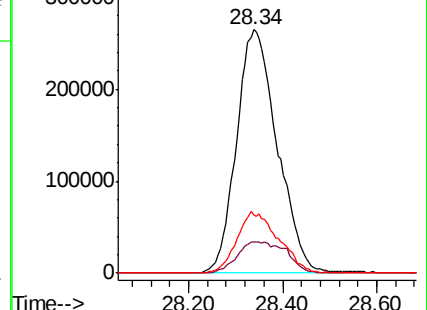
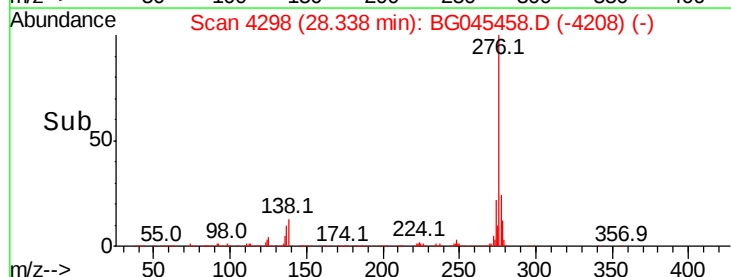
277 25.7 20.2 30.4

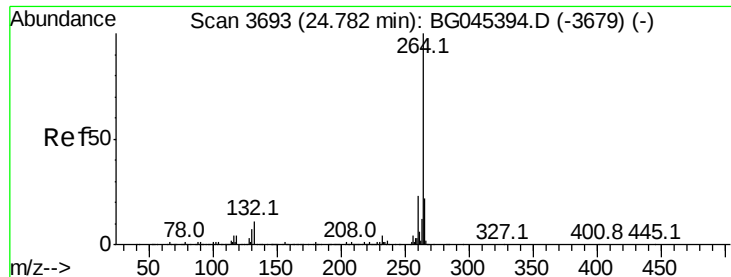


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

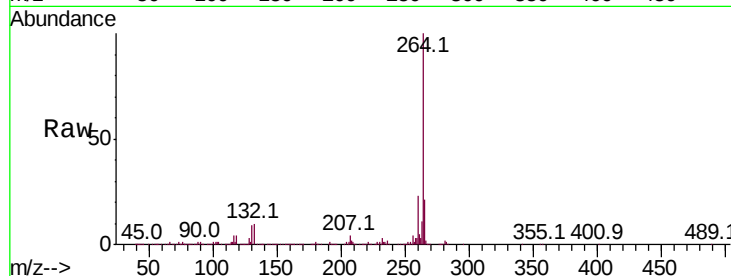




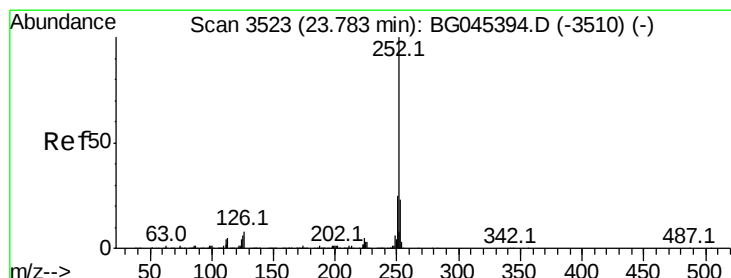
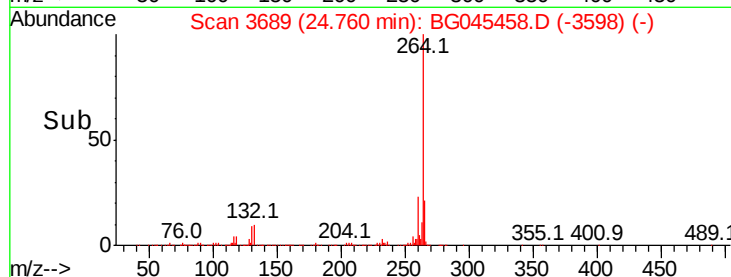
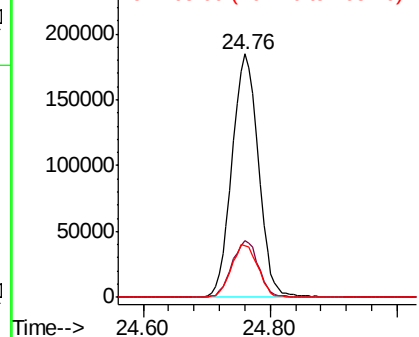
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Instrument :
BNA_G
ClientSampleId :
PB129076BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.3	17.6	26.4

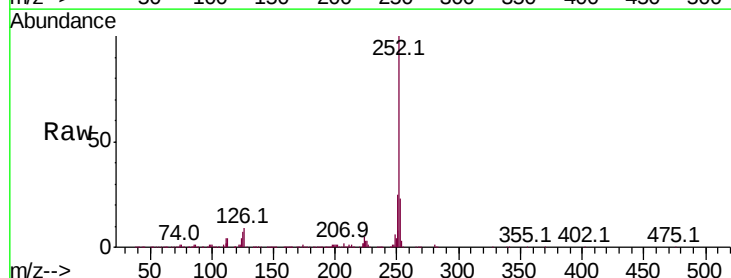


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

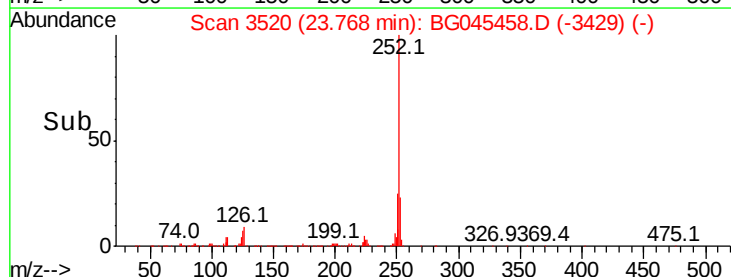
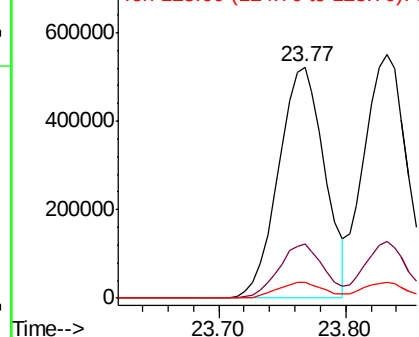


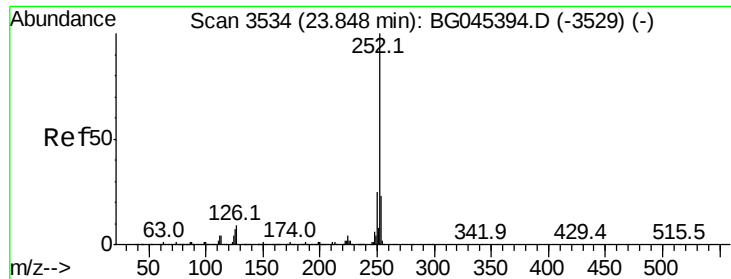
#88
Benzo(b)fluoranthene
Concen: 46.479 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	6.6	5.0	7.6



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

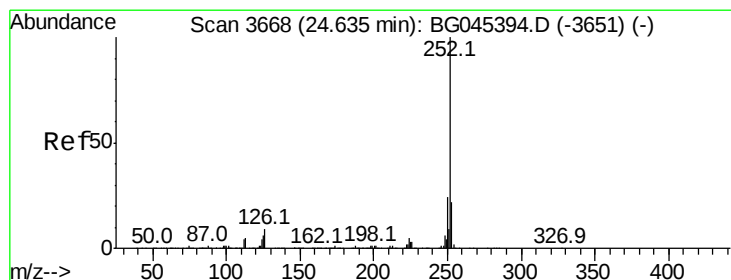
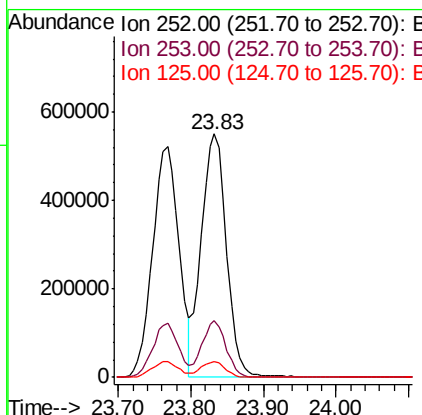
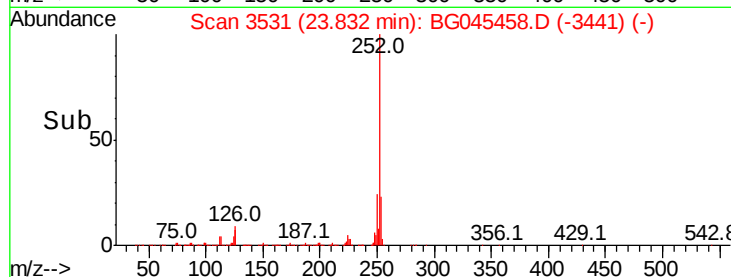
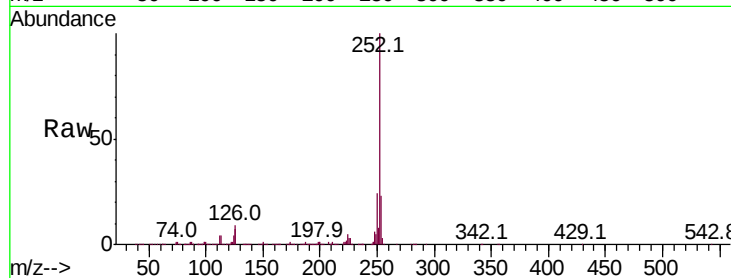




#89
Benzo(k)fluoranthene
Concen: 49.483 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

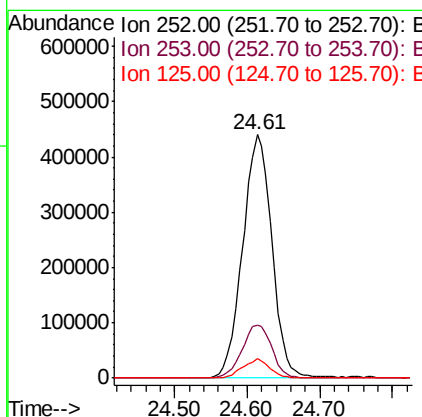
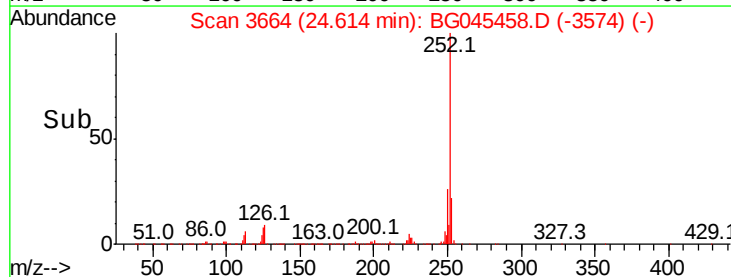
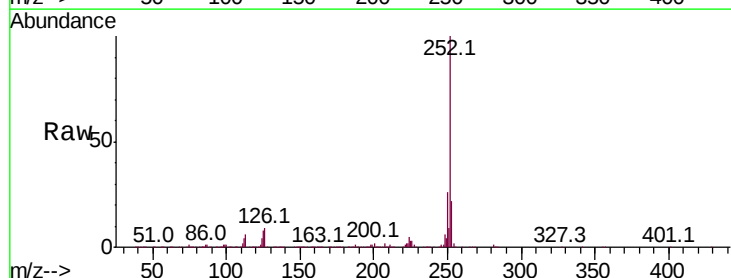
Instrument :
BNA_G
ClientSampleId :
PB129076BS

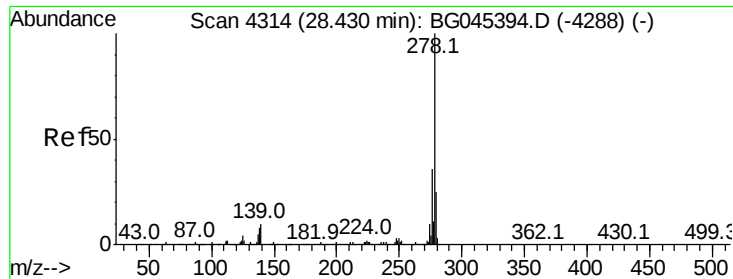
Tot Ion:252 Resp: 1320060
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 6.7 5.7 8.5



#90
Benzo(a)pyrene
Concen: 46.586 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045458.D
Acq: 26 May 2020 15:33

Tgt Ion:252 Resp: 1231981
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.0 5.0 7.6#





#91

Dibenzo(a,h)anthracene

Concen: 48.503 ng

RT: 28.40 min Scan# 4309

Delta R.T. 0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Instrument :

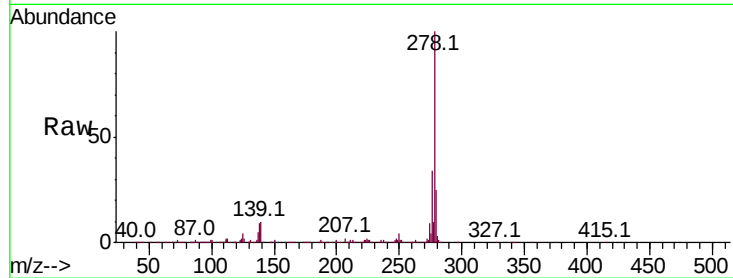
BNA_G

ClientSampleId :

PB129076BS

Tot Ion:278 Resp: 1288967

Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.8	11.8
279	24.7	19.8	29.8

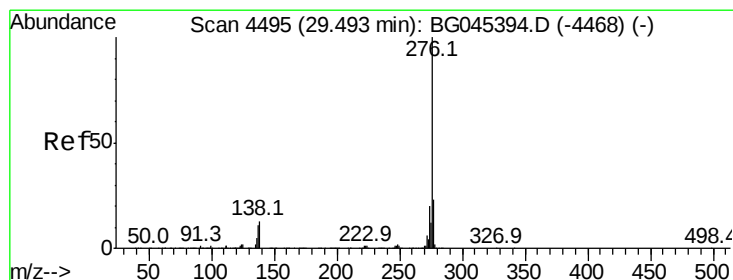
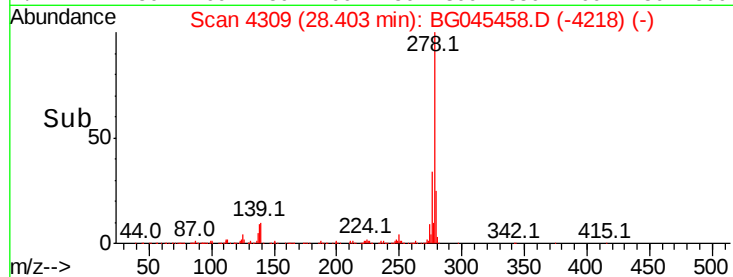
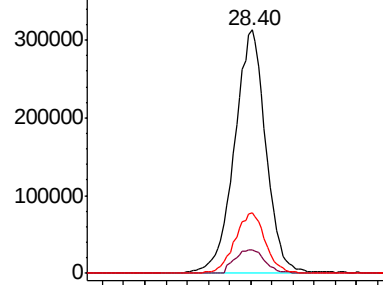


Abundance

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: 49.730 ng

RT: 29.45 min Scan# 4488

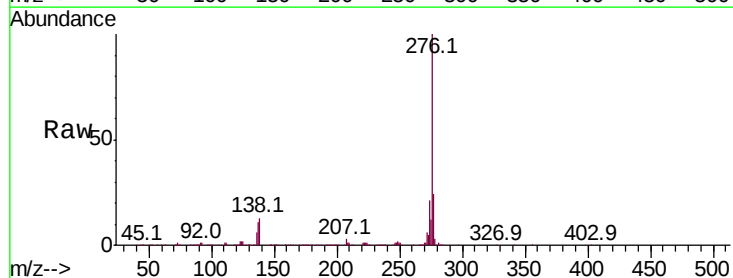
Delta R.T. -0.00 min

Lab File: BG045458.D

Acq: 26 May 2020 15:33

Tgt Ion:276 Resp: 1321748

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.1	27.1
138	12.6	10.2	15.4



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

