

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG052820\
 Data File : BG045494.D
 Acq On : 28 May 2020 12:52
 Operator : CG/JU
 Sample : PB129122BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Quant Time: May 28 13:37:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	62379	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	273718	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	209472	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	510424	20.00	ng	0.00
76) Chrysene-d12	21.61	240	446074	20.00	ng	0.00
87) Perylene-d12	24.75	264	494368	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	502885	157.55	ng	0.00
7) Phenol-d6	7.17	99	722474	159.03	ng	0.00
23) Nitrobenzene-d5	9.12	82	471100	93.86	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	389545	145.41	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1124745	91.08	ng	0.00
79) Terphenyl-d14	19.96	244	1887150	98.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	58400	36.896	ng	95
3) Pyridine	3.80	79	141402	32.077	ng	93
4) n-Nitrosodimethylamine	3.71	42	65077	45.114	ng	91
6) Aniline	7.28	93	275180	46.401	ng	98
8) 2-Chlorophenol	7.54	128	192511	54.998	ng	96
9) Benzaldehyde	7.08	77	122217	41.291	ng	93
10) Phenol	7.20	94	259116	55.341	ng	98
11) bis(2-Chloroethyl)ether	7.37	93	179008	49.015	ng	98
12) 1,3-Dichlorobenzene	7.85	146	197506	46.954	ng	98
13) 1,4-Dichlorobenzene	7.99	146	199521	48.064	ng	98
14) 1,2-Dichlorobenzene	8.31	146	191185	47.885	ng	97
15) Benzyl Alcohol	8.21	79	198059	52.774	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	164869	47.558	ng	98
17) 2-Methylphenol	8.44	107	178427	50.912	ng	97
18) Hexachloroethane	9.04	117	77465	48.724	ng	87
19) n-Nitroso-di-n-propylamine	8.76	70	165767	52.766	ng	100
20) 3+4-Methylphenols	8.44	107	178427	37.388	ng	75
22) Acetophenone	8.78	105	291290	44.901	ng	# 93
24) Nitrobenzene	9.16	77	242055	45.010	ng	99
25) Isophorone	9.69	82	465144	47.055	ng	98
26) 2-Nitrophenol	9.87	139	111370	48.411	ng	92
27) 2,4-Dimethylphenol	9.96	122	192497	56.417	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	252177	48.644	ng	98
29) 2,4-Dichlorophenol	10.44	162	203860	50.595	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	217665	45.717	ng	97
31) Naphthalene	10.81	128	594462	46.606	ng	98
32) Benzoic acid	10.15	122	126646	53.202	ng	91
33) 4-Chloroaniline	10.93	127	196820	36.915	ng	97
34) Hexachlorobutadiene	11.11	225	151789	45.102	ng	98
35) Caprolactam	11.70	113	37026	25.036	ng	# 72
36) 4-Chloro-3-methylphenol	12.09	107	246776	54.353	ng	94
37) 2-Methylnaphthalene	12.42	142	469874	49.425	ng	100
38) 1-Methylnaphthalene	12.64	142	441548	49.168	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	269513	46.064	ng	98

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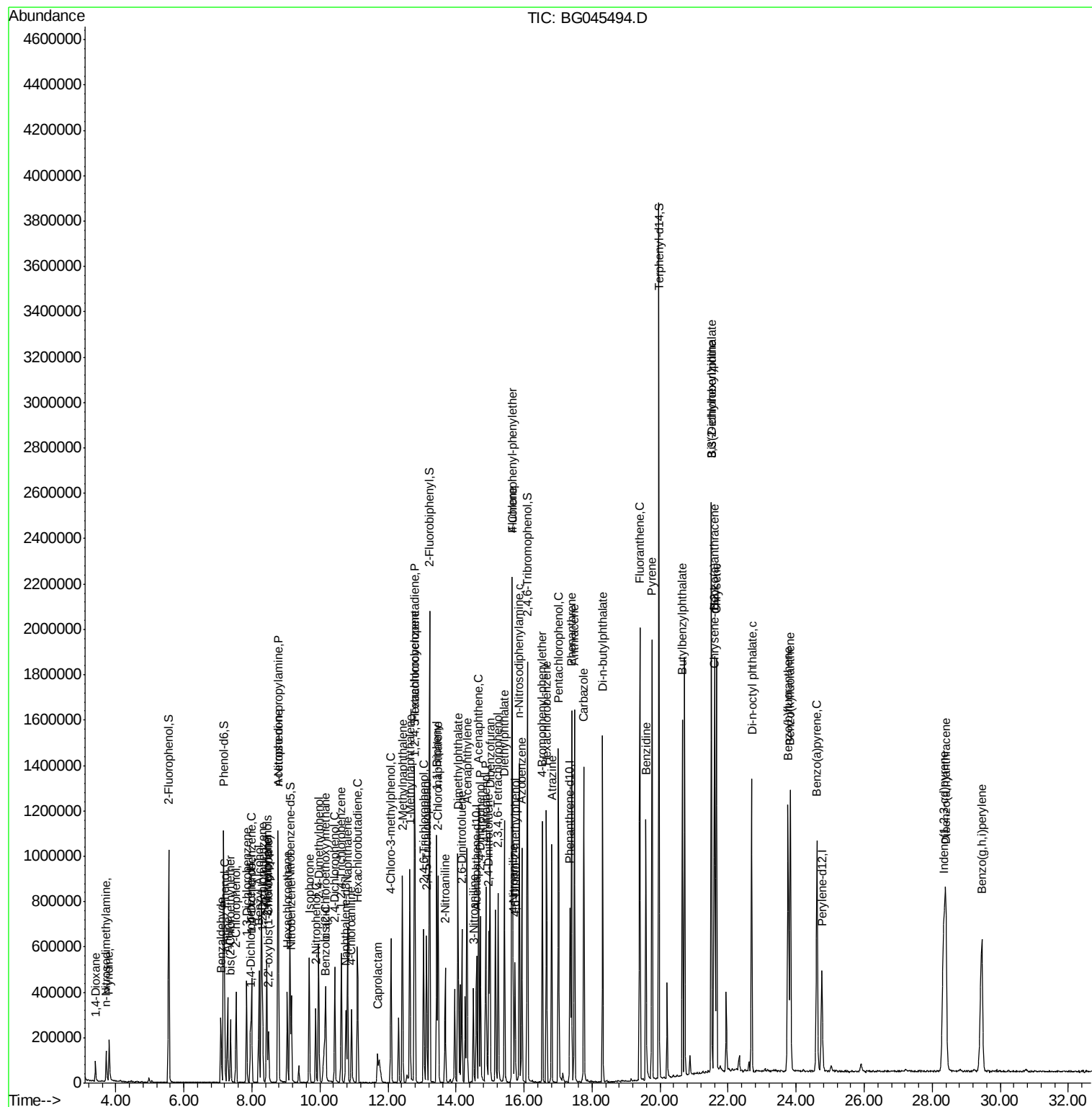
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	347598	102.930	ng	100
43) 2,4,6-Trichlorophenol	13.05	196	187679	46.177	ng	98
44) 2,4,5-Trichlorophenol	13.14	196	195702	42.136	ng	95
46) 1,1'-Biphenyl	13.43	154	609519	47.356	ng	99
47) 2-Chloronaphthalene	13.48	162	468948	44.868	ng	99
48) 2-Nitroaniline	13.68	65	156378	45.484	ng	87
49) Acenaphthylene	14.32	152	791702	47.158	ng	99
50) Dimethylphthalate	14.06	163	664935	46.274	ng	98
51) 2,6-Dinitrotoluene	14.17	165	153922	47.470	ng	96
52) Acenaphthene	14.66	154	460168	40.949	ng	98
53) 3-Nitroaniline	14.51	138	118173	35.852	ng	93
54) 2,4-Dinitrophenol	14.72	184	190595	89.067	ng	97
55) Dibenzofuran	15.00	168	767935	46.017	ng	97
56) 4-Nitrophenol	14.87	139	233286	93.482	ng	98
57) 2,4-Dinitrotoluene	14.97	165	220414	46.936	ng	94
58) Fluorene	15.65	166	642648	46.874	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	200575	49.086	ng	97
60) Diethylphthalate	15.42	149	692991	46.334	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	357421	45.558	ng	98
62) 4-Nitroaniline	15.68	138	151104	43.912	ng	97
63) Azobenzene	15.94	77	647898	46.458	ng	96
65) 4,6-Dinitro-2-methylphenol	15.74	198	140516	47.269	ng	96
66) n-Nitrosodiphenylamine	15.86	169	576960	47.079	ng	97
67) 4-Bromophenyl-phenylether	16.54	248	254597	46.064	ng	98
68) Hexachlorobenzene	16.67	284	274548	47.493	ng	99
69) Atrazine	16.81	200	227370	45.043	ng	98
70) Pentachlorophenol	17.01	266	282716	94.187	ng	98
71) Phenanthrene	17.39	178	1057463	47.456	ng	99
72) Anthracene	17.48	178	1083395	48.415	ng	98
73) Carbazole	17.76	167	989663	45.372	ng	99
74) Di-n-butylphthalate	18.31	149	1172312	44.778	ng	98
75) Fluoranthene	19.40	202	1280274	45.172	ng	99
77) Benzidine	19.58	184	750290	59.888	ng	99
78) Pyrene	19.76	202	1281435	50.395	ng	98
80) Butylbenzylphthalate	20.65	149	506114	46.113	ng	99
81) Benzo(a)anthracene	21.59	228	1217724	49.004	ng	99
82) 3,3'-Dichlorobenzidine	21.51	252	362040	37.142	ng	99
83) Chrysene	21.65	228	1139280	47.681	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	710177	47.071	ng	99
85) Di-n-octyl phthalate	22.69	149	1202452	46.404	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1514080	48.458	ng	99
88) Benzo(b)fluoranthene	23.76	252	1293425	48.784	ng	99
89) Benzo(k)fluoranthene	23.83	252	1237330	49.674	ng	98
90) Benzo(a)pyrene	24.61	252	1179905	47.783	ng	99
91) Dibenzo(a,h)anthracene	28.40	278	1240481	49.992	ng	100
92) Benzo(g,h,i)perylene	29.46	276	1248015	50.289	ng	96

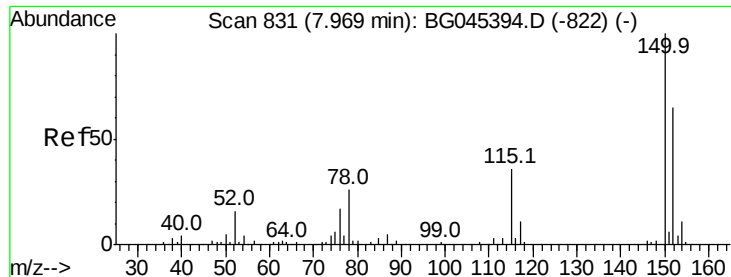
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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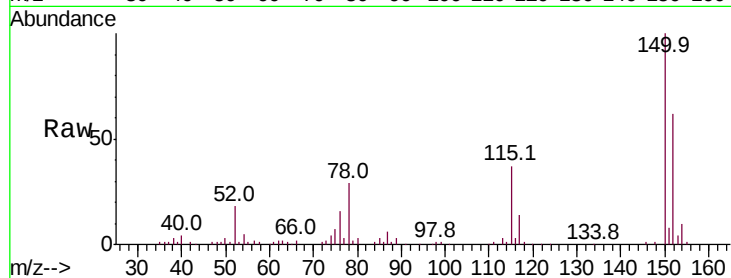


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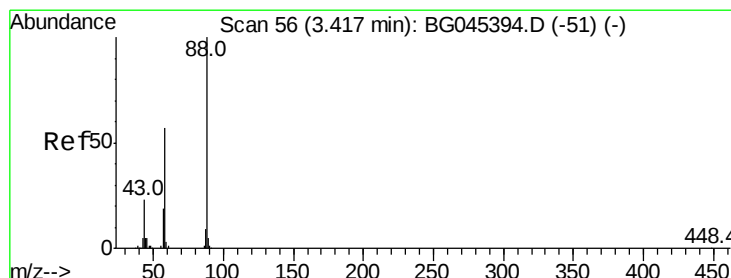
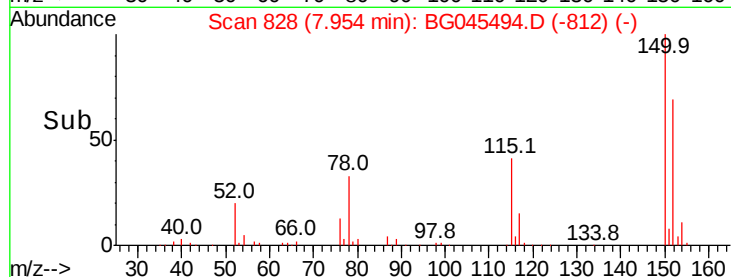
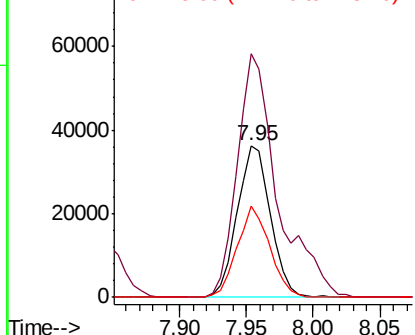
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion:152 Resp: 62379
Ion Ratio Lower Upper
152 100
150 160.4 122.4 183.6
115 59.8 44.2 66.4



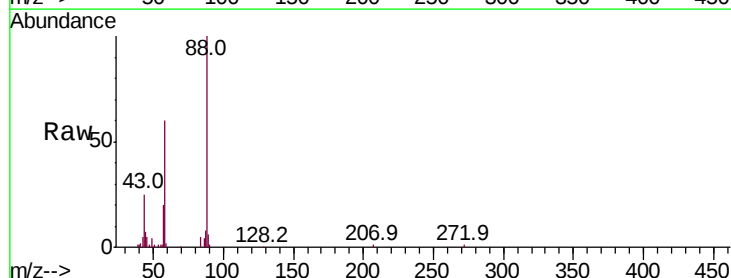
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



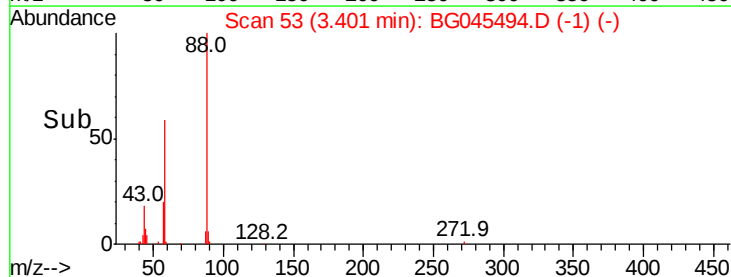
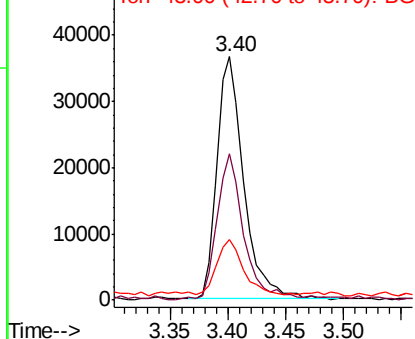
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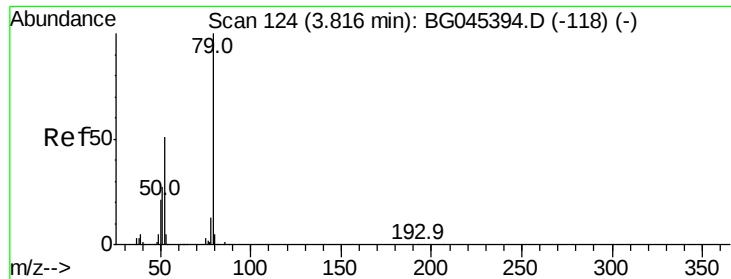
1,4-Dioxane
Concen: 36.896 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion: 88 Resp: 58400
Ion Ratio Lower Upper
88 100
58 61.1 45.7 68.5
43 23.7 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: 32.077 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

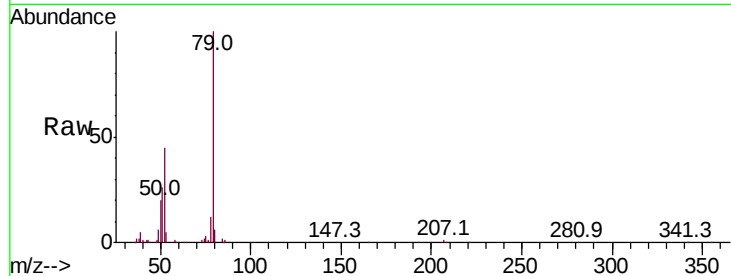
Tot Ion: 79 Resp: 141402

Ion Ratio Lower Upper

79 100

52 44.9 40.8 61.2

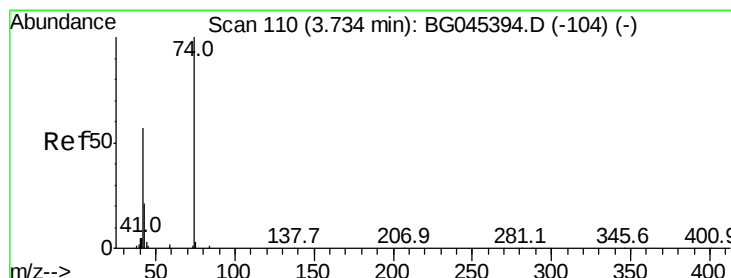
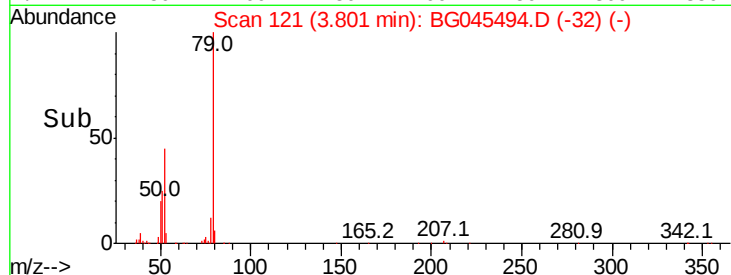
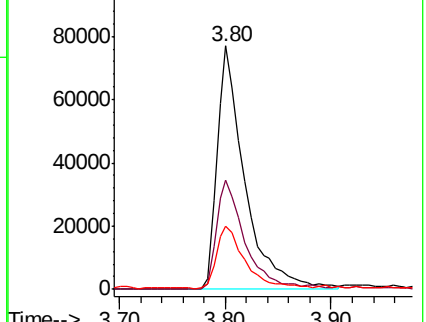
51 26.0 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.114 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

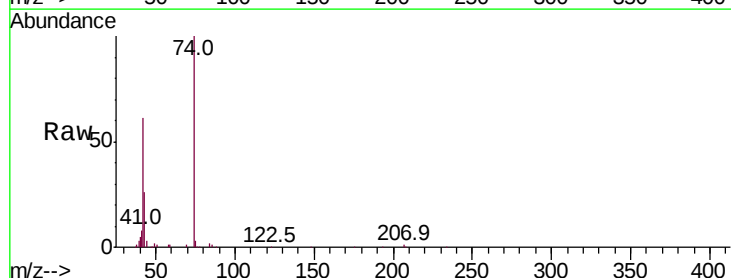
Tgt Ion: 42 Resp: 65077

Ion Ratio Lower Upper

42 100

74 163.2 141.3 211.9

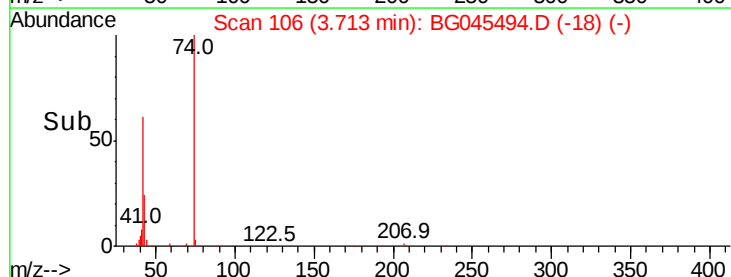
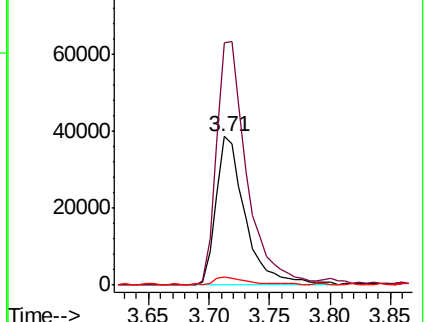
44 5.6 4.2 6.4

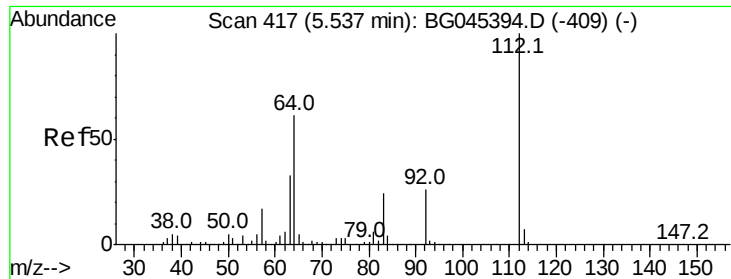


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 157.551 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

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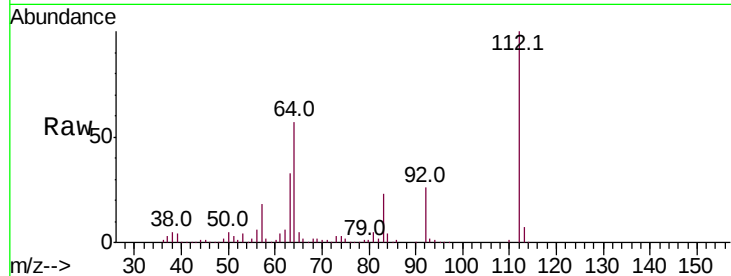
Tot Ion:112 Resp: 502885

Ion Ratio Lower Upper

112 100

64 57.0 48.6 72.8

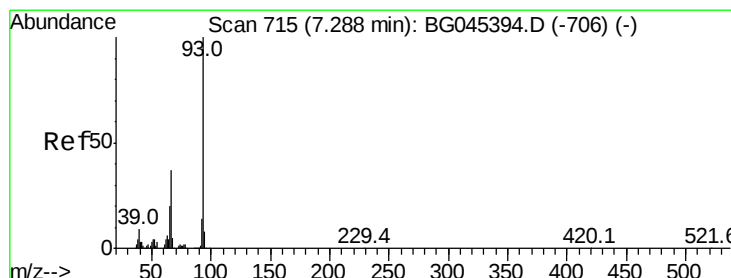
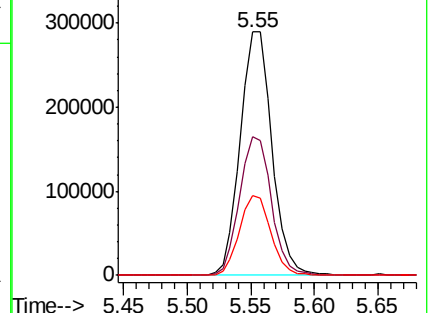
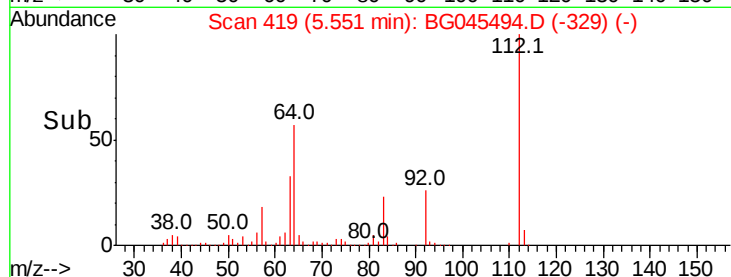
63 32.9 26.5 39.7



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: 46.401 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

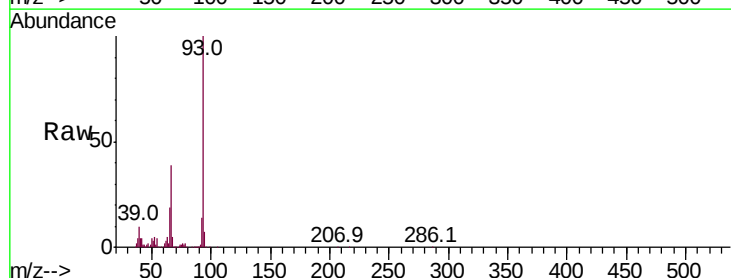
Tgt Ion: 93 Resp: 275180

Ion Ratio Lower Upper

93 100

66 38.5 29.6 44.4

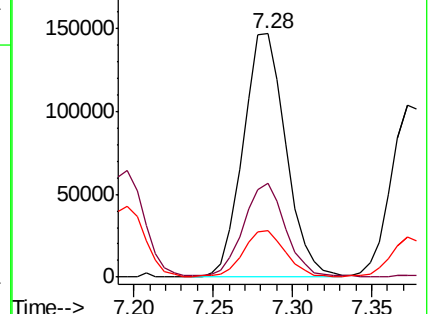
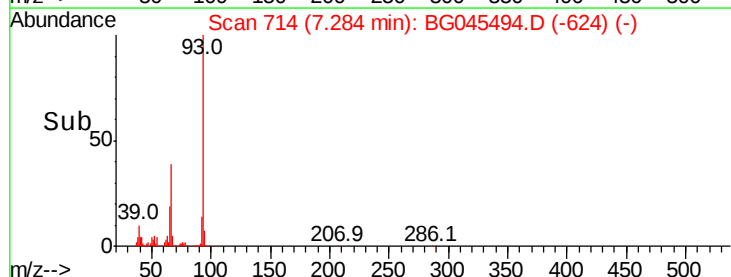
65 19.2 15.9 23.9

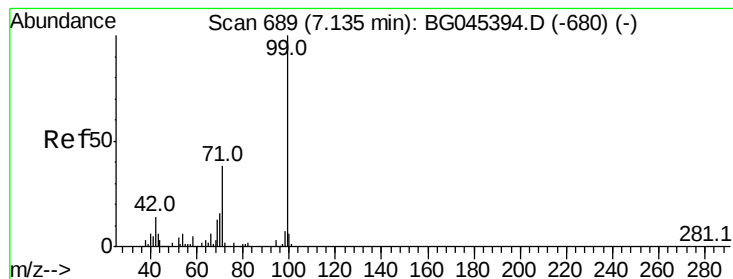


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 159.030 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

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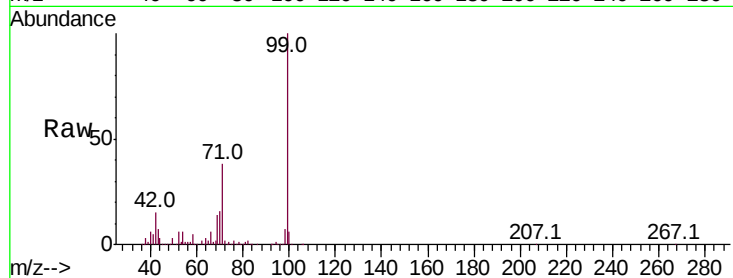
Tot Ion: 99 Resp: 722474

Ion Ratio Lower Upper

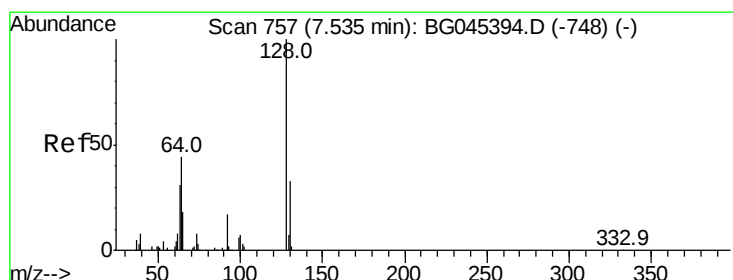
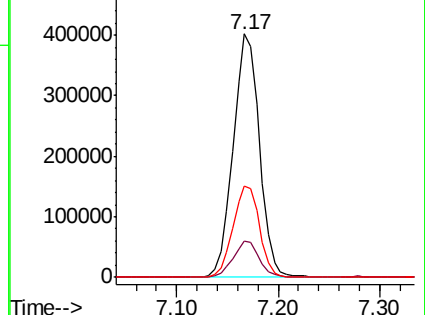
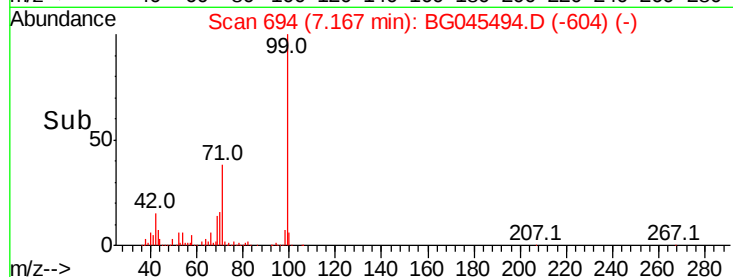
99 100

42 14.8 11.3 16.9

71 37.7 30.8 46.2



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



#8

2-Chlorophenol

Concen: 54.998 ng

RT: 7.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

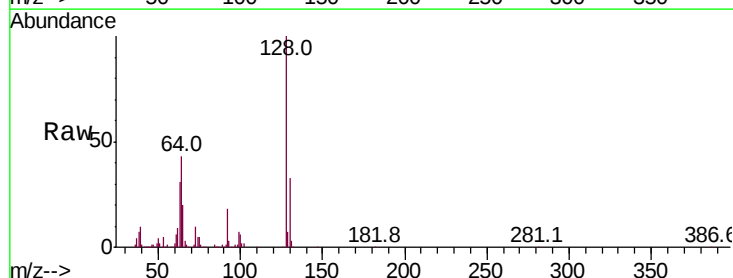
Tgt Ion: 128 Resp: 192511

Ion Ratio Lower Upper

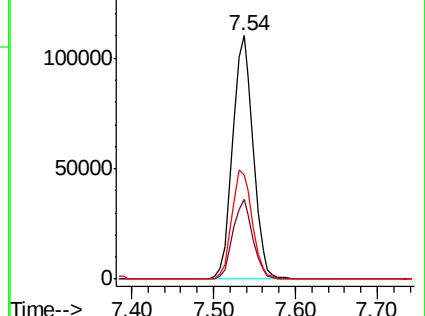
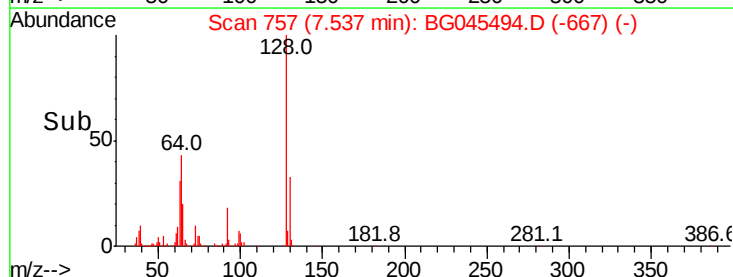
128 100

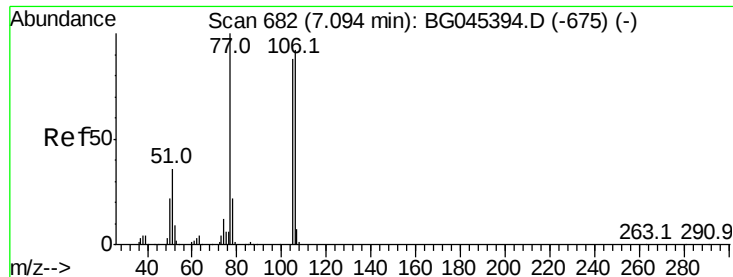
130 32.7 12.6 52.6

64 42.6 27.0 67.0



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





#9

Benzaldehyde

Concen: 41.291 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

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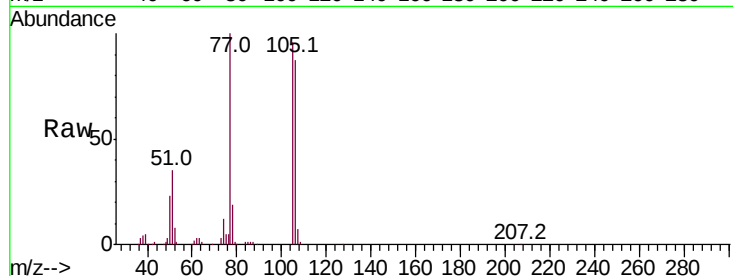
Tot Ion: 77 Resp: 122217

Ion Ratio Lower Upper

77 100

105 96.2 68.5 108.5

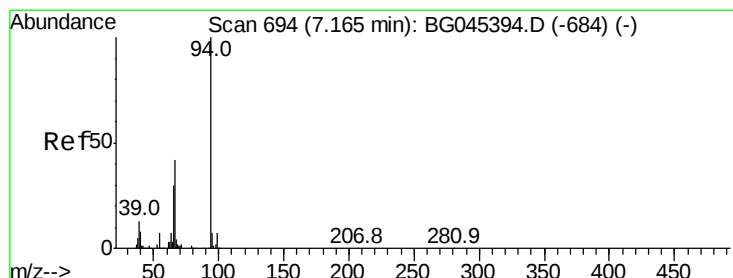
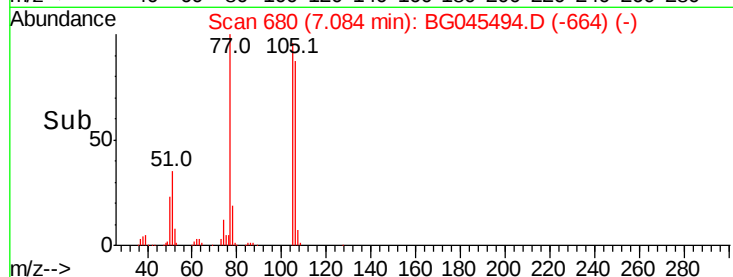
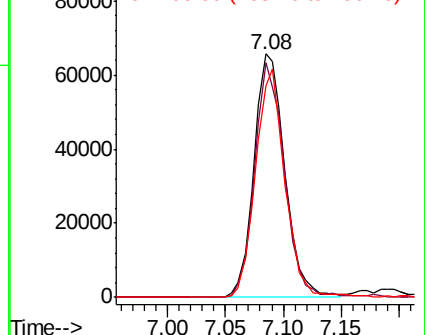
106 86.9 71.6 111.6



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: 55.341 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

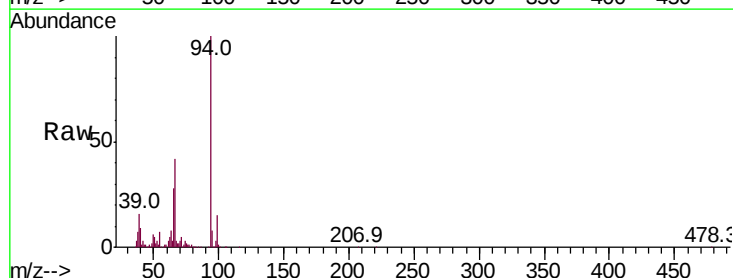
Tgt Ion: 94 Resp: 259116

Ion Ratio Lower Upper

94 100

65 27.8 9.8 49.8

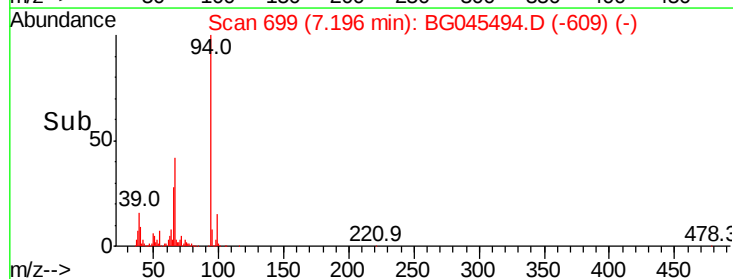
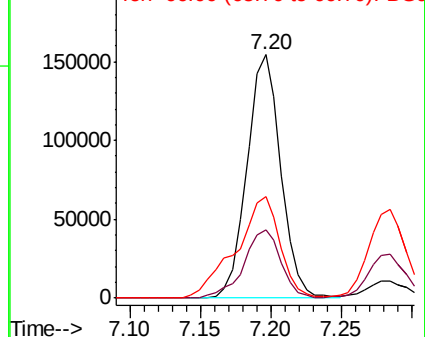
66 41.9 22.0 62.0

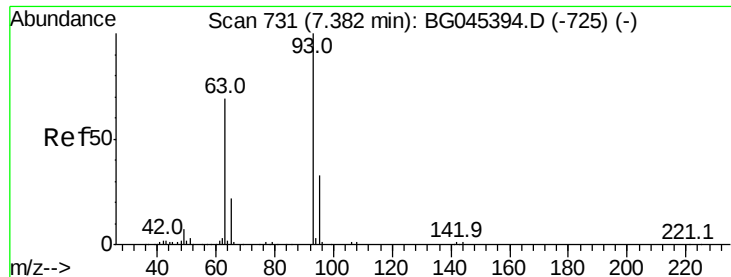


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 49.015 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

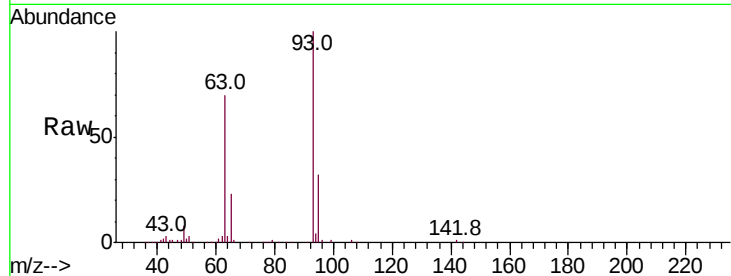
Tot Ion: 93 Resp: 179008

Ion Ratio Lower Upper

93 100

63 70.3 48.4 88.4

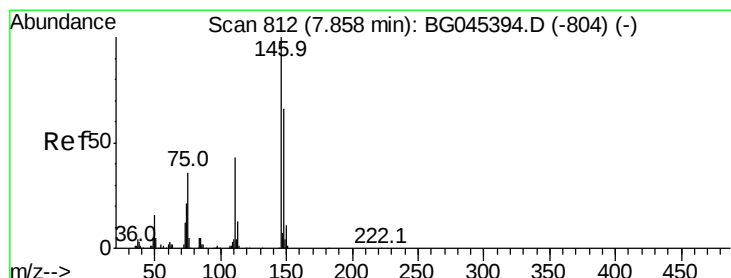
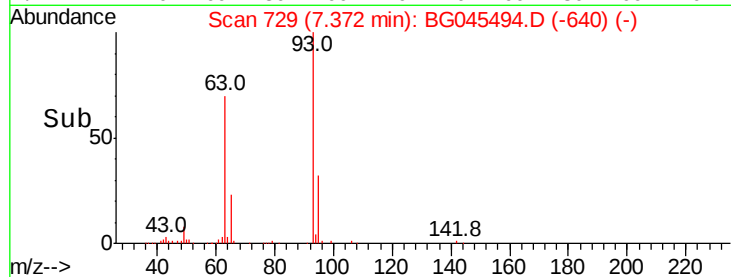
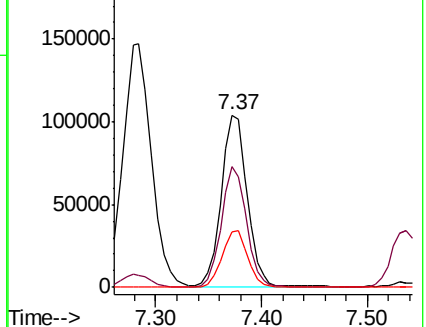
95 32.0 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 46.954 ng

RT: 7.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

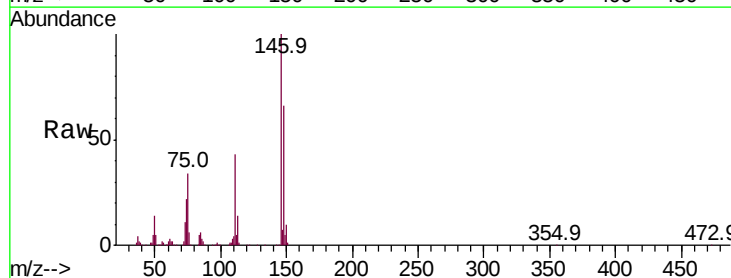
Tgt Ion: 146 Resp: 197506

Ion Ratio Lower Upper

146 100

148 66.0 53.2 79.8

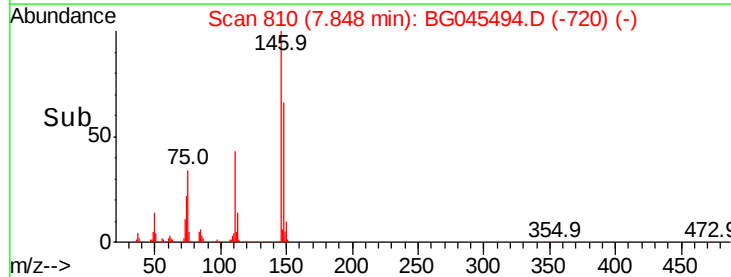
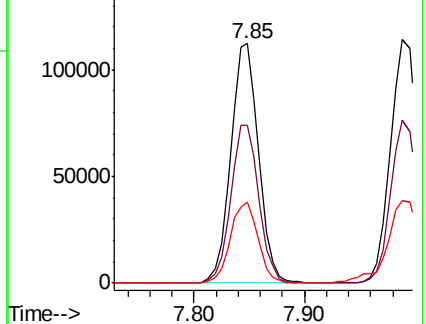
75 33.8 28.6 43.0

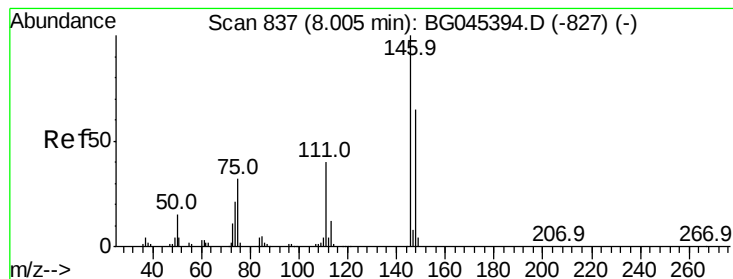


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 48.064 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

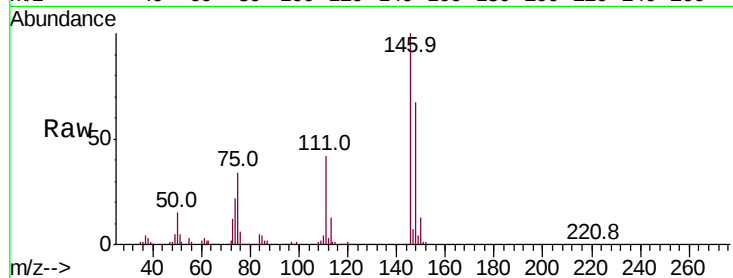
Tot Ion:146 Resp: 199521

Ion Ratio Lower Upper

146 100

148 66.8 51.8 77.8

111 41.6 32.1 48.1

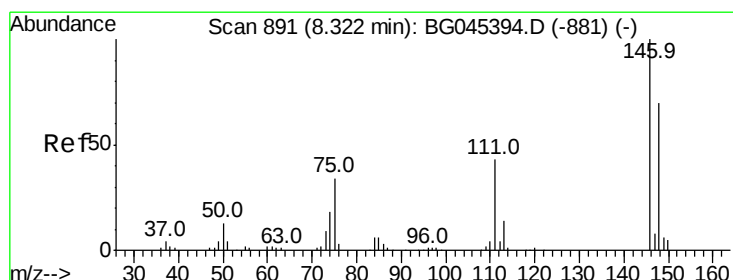
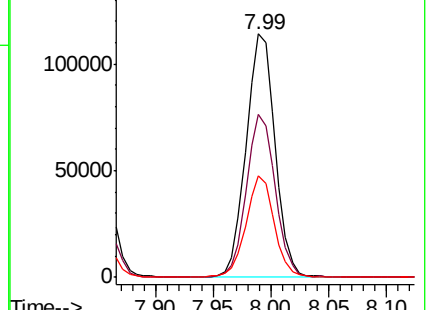
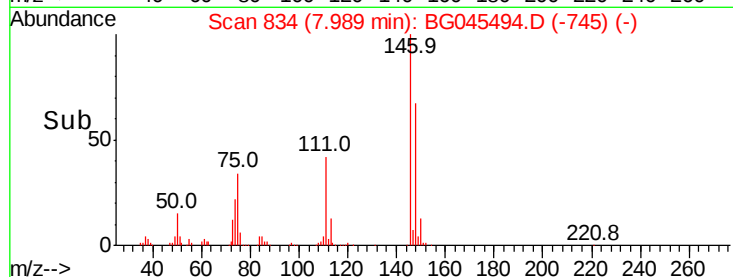


Abundance

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: 47.885 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

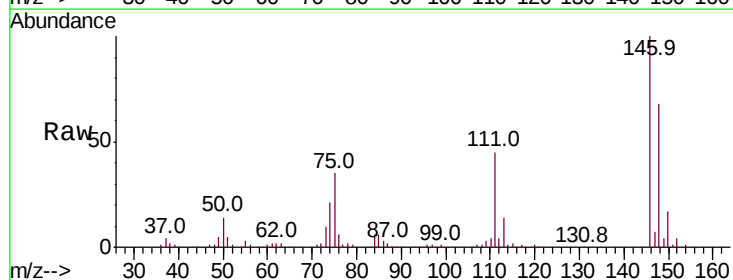
Tgt Ion:146 Resp: 191185

Ion Ratio Lower Upper

146 100

148 67.8 55.9 83.9

111 45.3 35.0 52.4

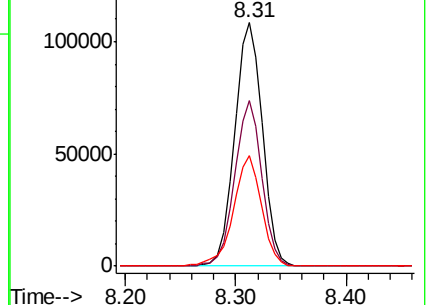
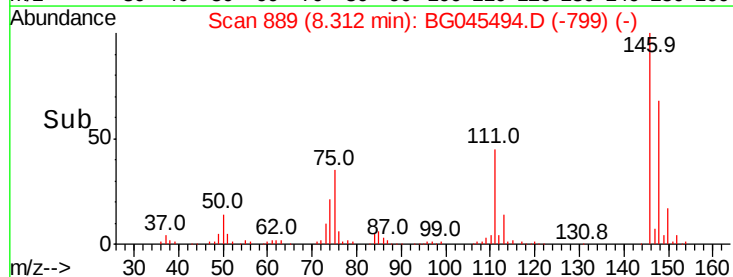


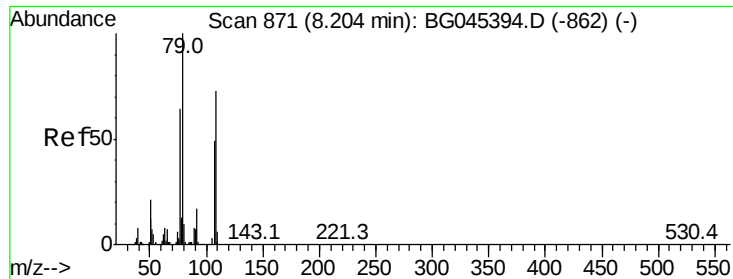
Abundance

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: 52.774 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

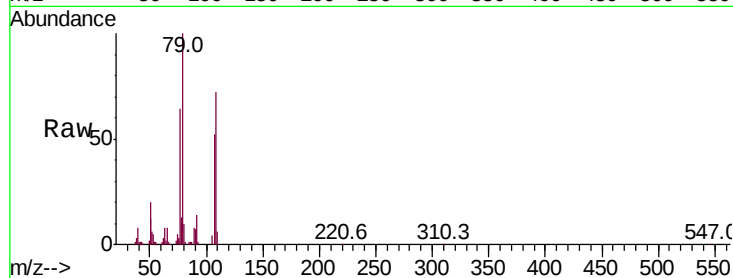
Tot Ion: 79 Resp: 198059

Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.4

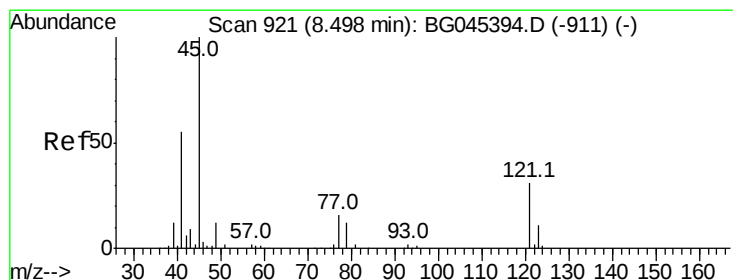
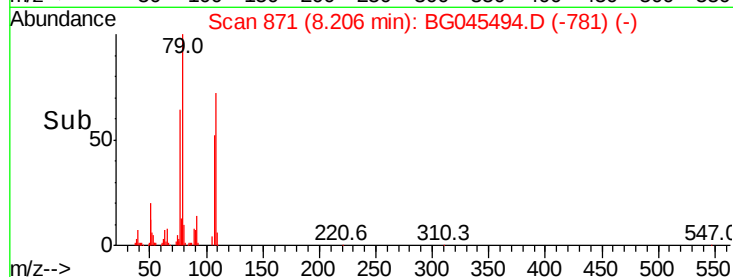
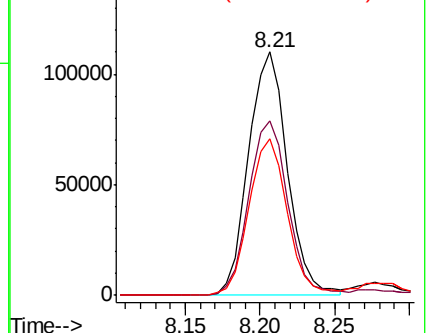
77 64.4 51.0 76.4



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: 47.558 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

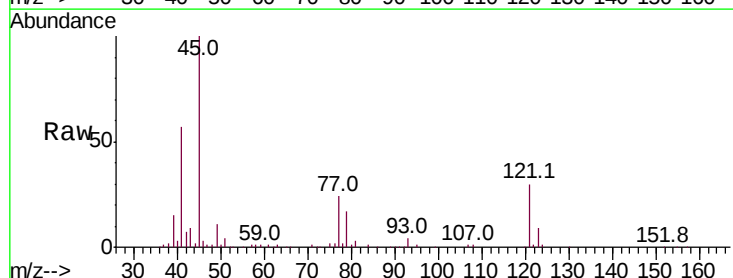
Tgt Ion: 45 Resp: 164869

Ion Ratio Lower Upper

45 100

77 23.8 4.0 44.0

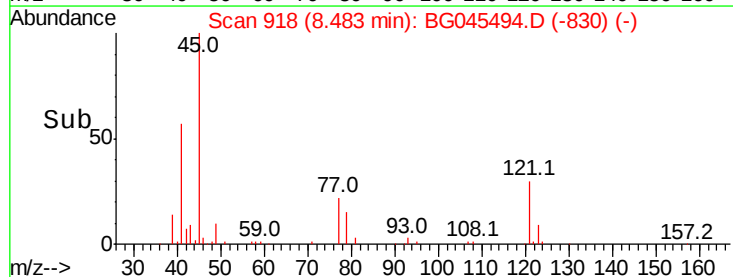
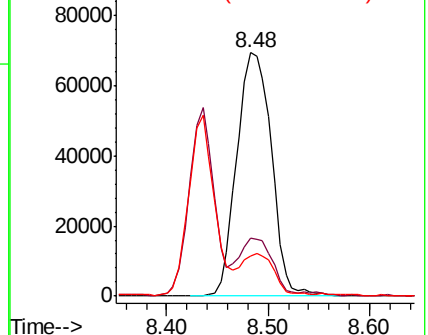
79 16.6 0.0 38.6

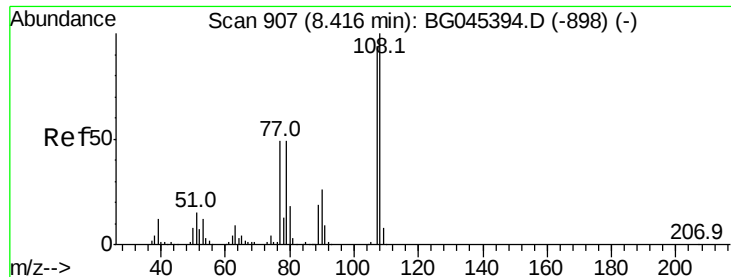


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 50.912 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

Tot Ion:107 Resp: 178427

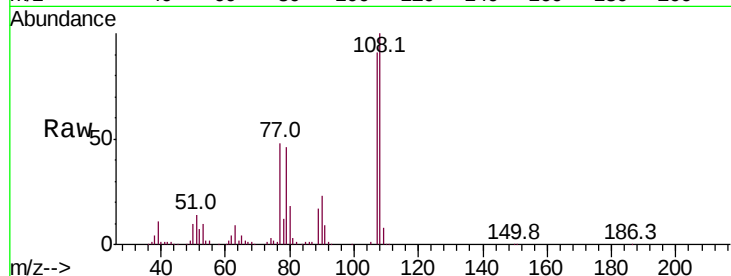
Ion Ratio Lower Upper

107 100

108 110.3 85.2 127.8

77 52.8 41.6 62.4

79 50.5 41.8 62.8

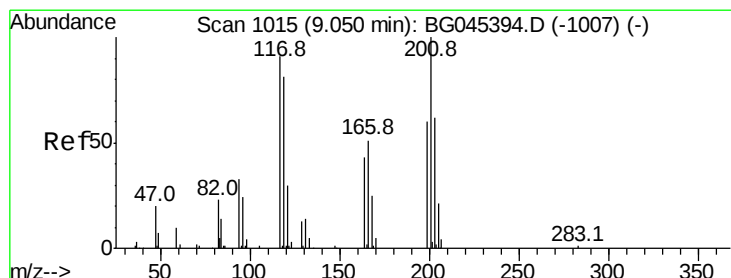
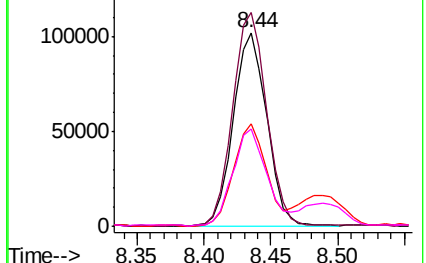
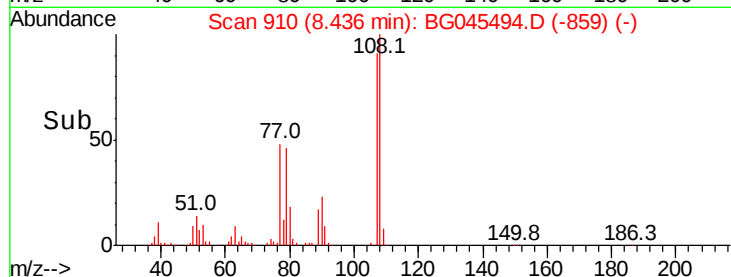


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.724 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

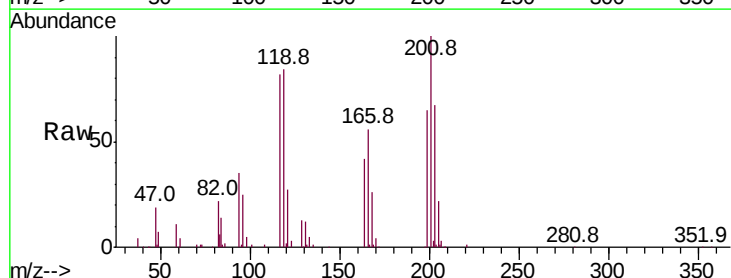
Tgt Ion:117 Resp: 77465

Ion Ratio Lower Upper

117 100

119 102.2 71.3 106.9

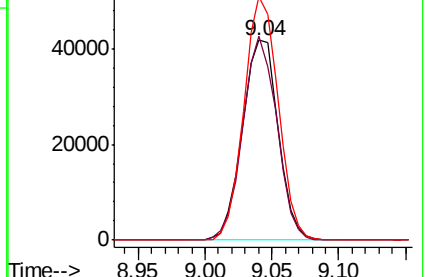
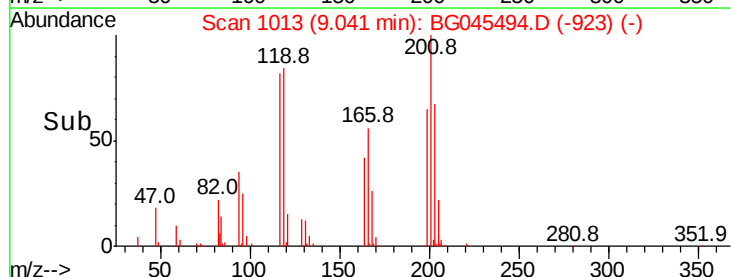
201 121.9 87.5 131.3

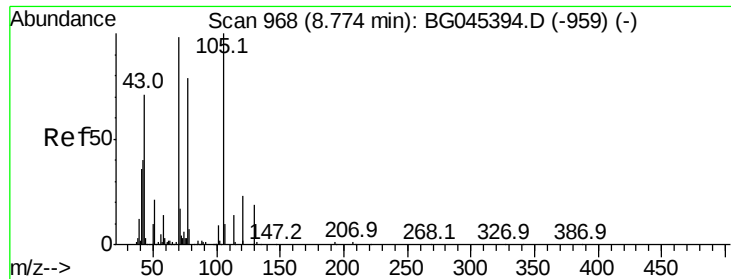


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

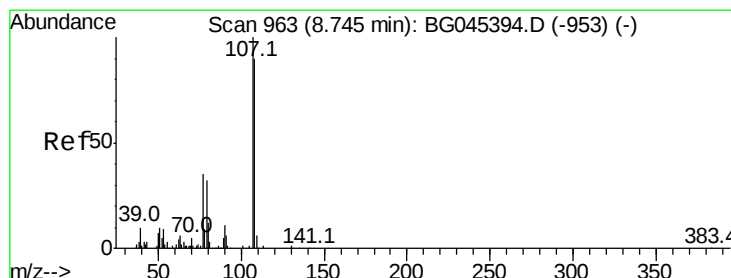
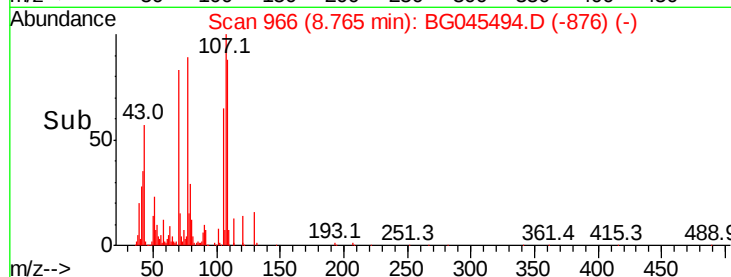
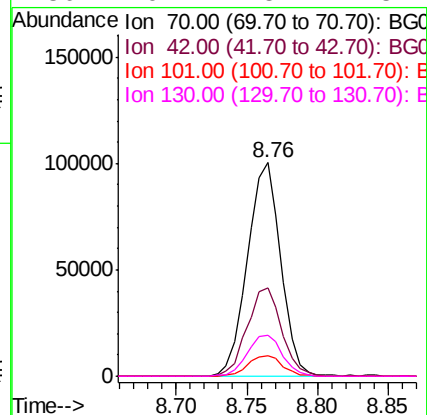
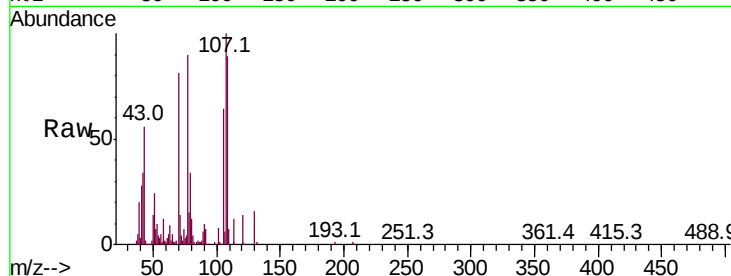




#19
n-Nitroso-di-n-propylamine
Concen: 52.766 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

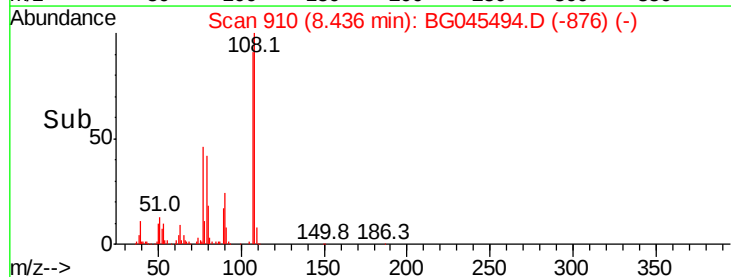
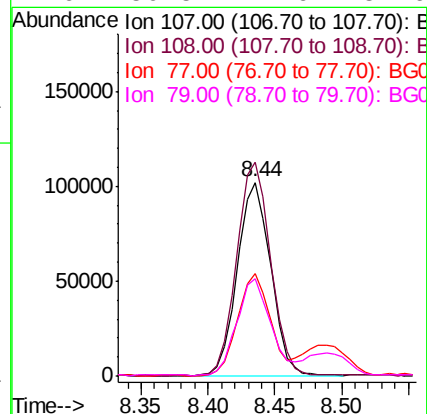
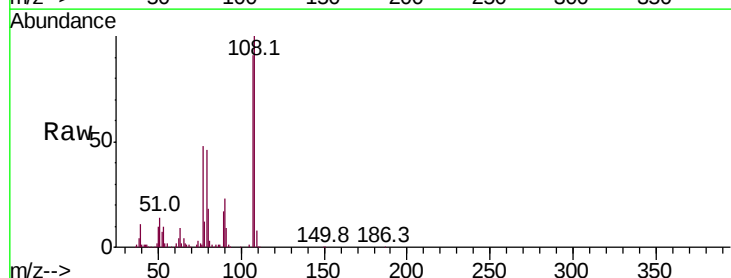
Instrument :
BNA_G
ClientSampleId :
PB129122BS

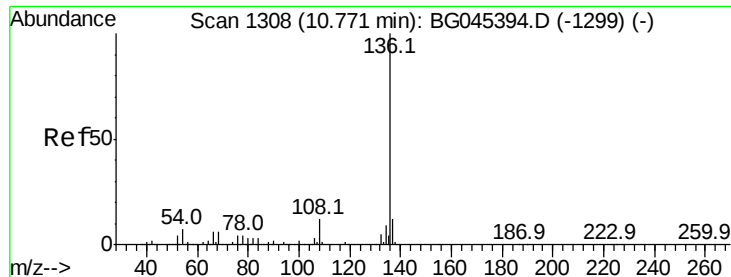
Tot Ion:	70	Resp:	165767
Ion	Ratio	Lower	Upper
70	100		
42	41.5	33.2	49.8
101	9.8	7.8	11.6
130	19.4	15.4	23.2



#20
3+4-Methylphenols
Concen: 37.388 ng
RT: 8.44 min Scan# 910
Delta R.T. -0.33 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:	107	Resp:	178427
Ion	Ratio	Lower	Upper
107	100		
108	110.3	70.3	110.3
77	52.8	15.4	55.4
79	50.5	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

Tot Ion:136 Resp: 273718

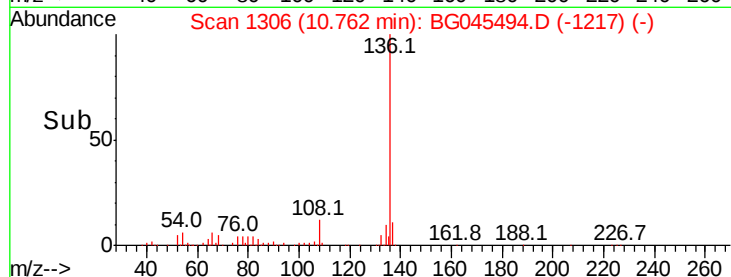
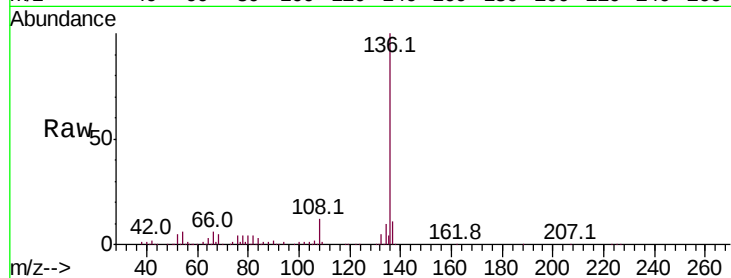
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.2

54 6.0 5.8 8.6

68 4.8 4.5 6.7

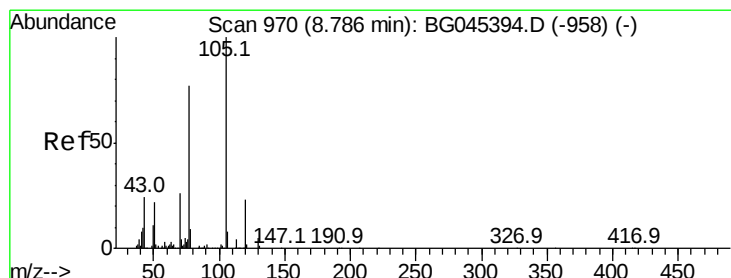
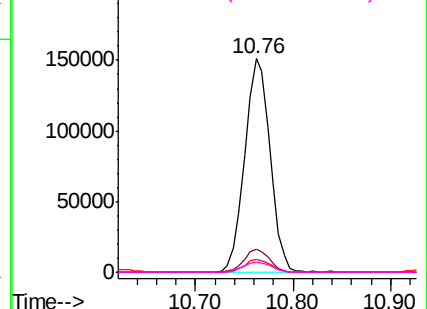


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.901 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:105 Resp: 291290

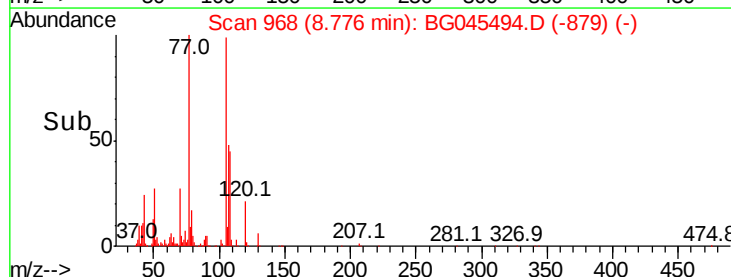
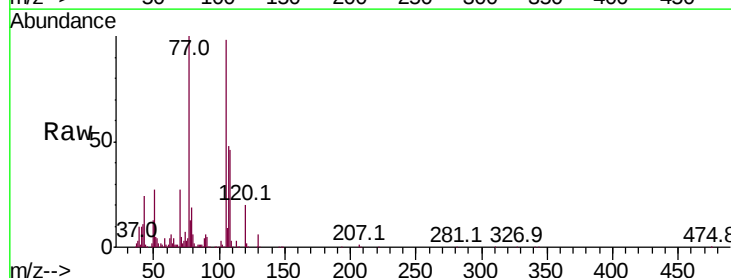
Ion Ratio Lower Upper

105 100

71 4.7 3.4 5.0

51 27.5 18.2 27.2#

120 20.8 18.6 27.8

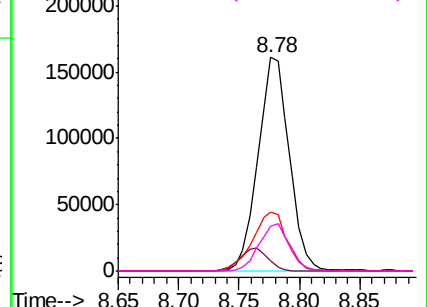


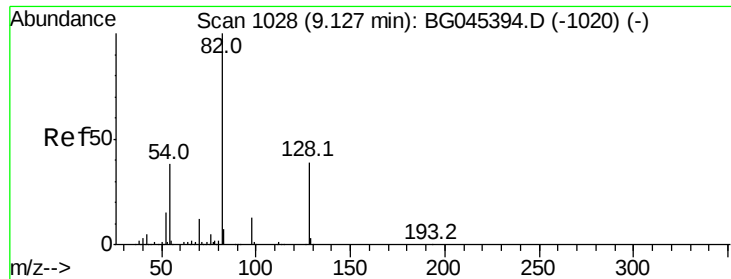
Abundance Ion 105.00 (104.70 to 105.70): E

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

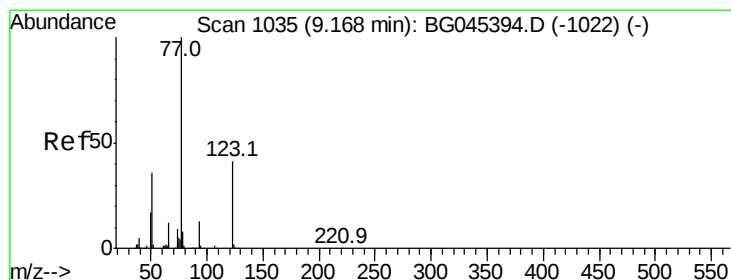
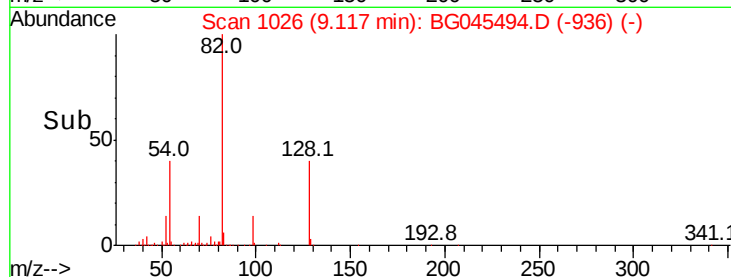
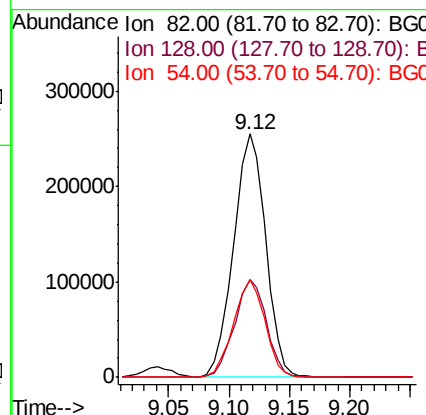
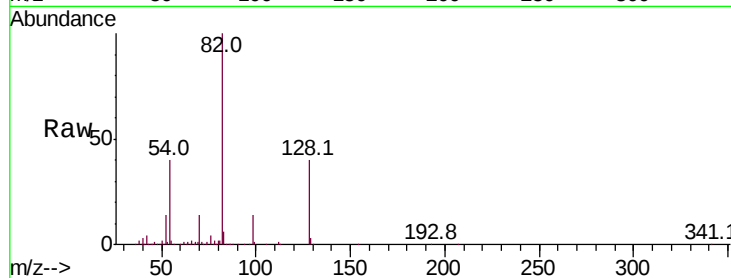




#23
 Nitrobenzene-d5
 Concen: 93.855 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

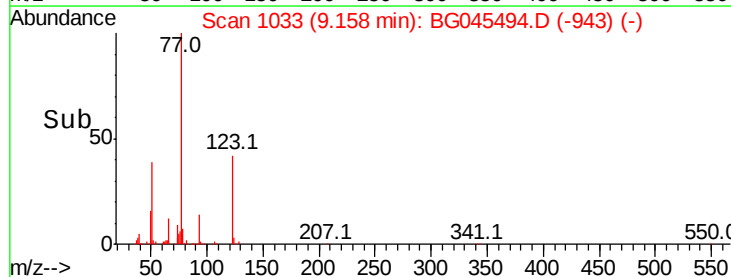
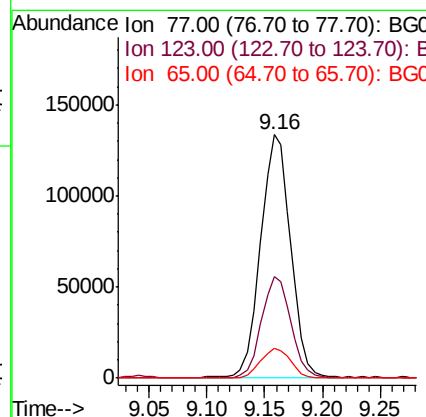
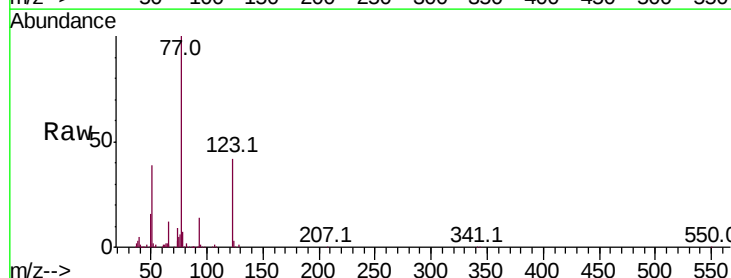
Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

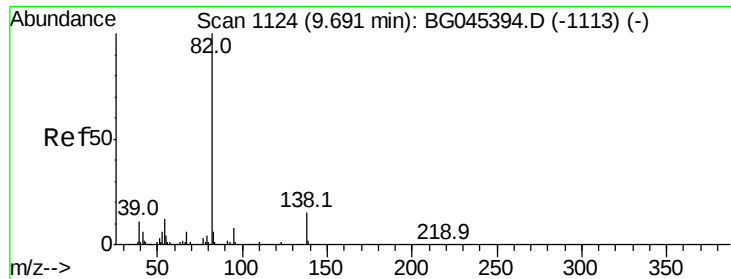
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	30.9	46.3
54	40.2	30.3	45.5



#24
 Nitrobenzene
 Concen: 45.010 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	32.9	49.3
65	12.1	9.4	14.2





#25

Isophorone

Concen: 47.055 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

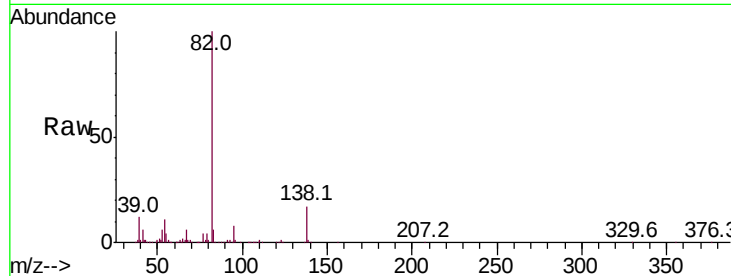
Tot Ion: 82 Resp: 465144

Ion Ratio Lower Upper

82 100

95 7.8 6.7 10.1

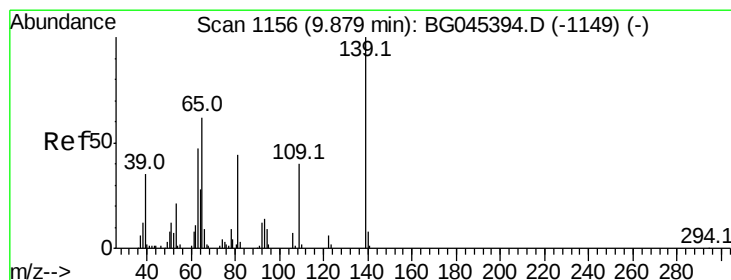
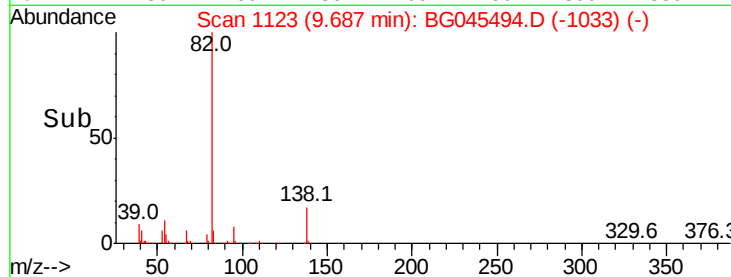
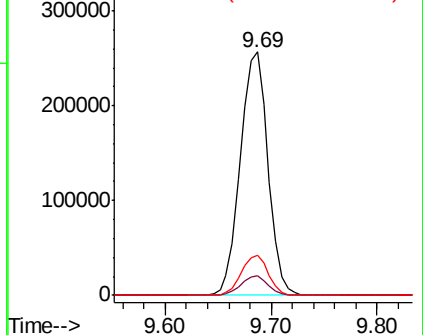
138 16.5 12.2 18.4



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: 48.411 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

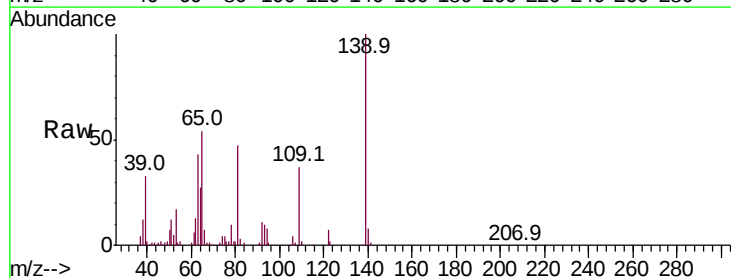
Tgt Ion: 139 Resp: 111370

Ion Ratio Lower Upper

139 100

109 36.9 32.2 48.4

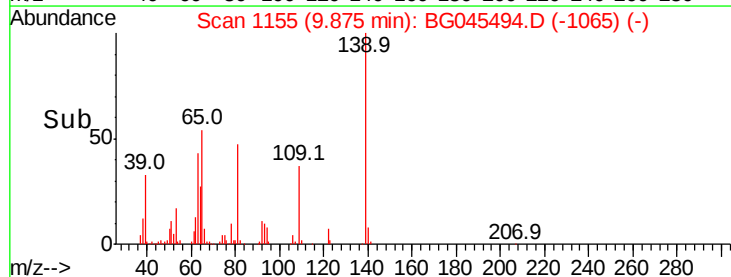
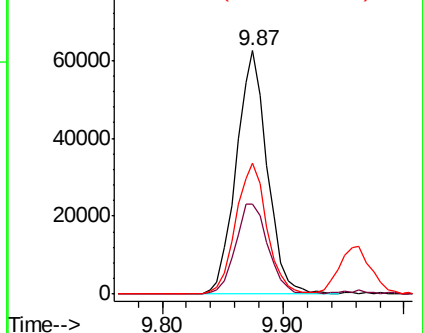
65 54.0 49.6 74.4

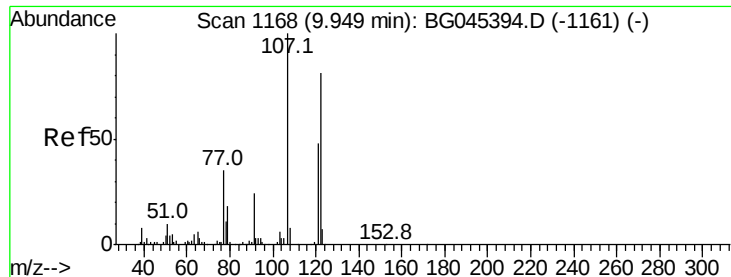


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

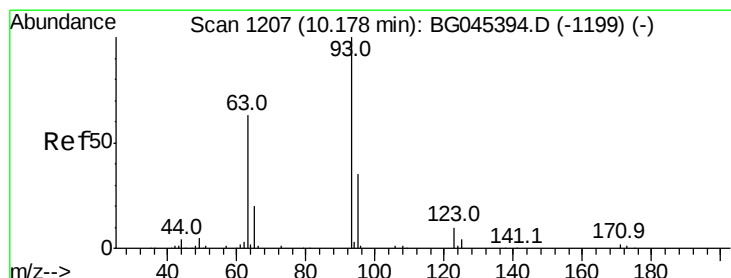
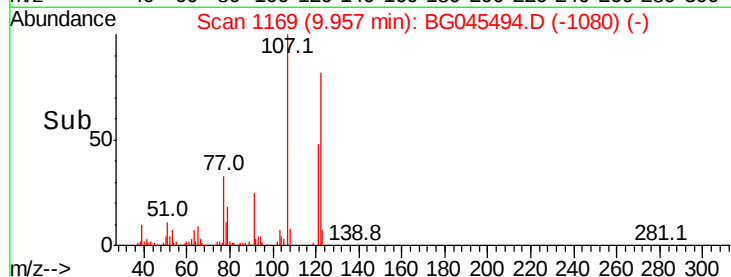
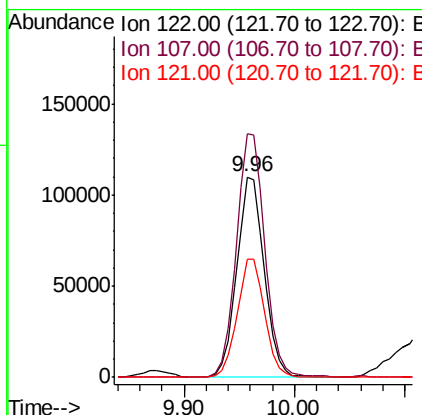
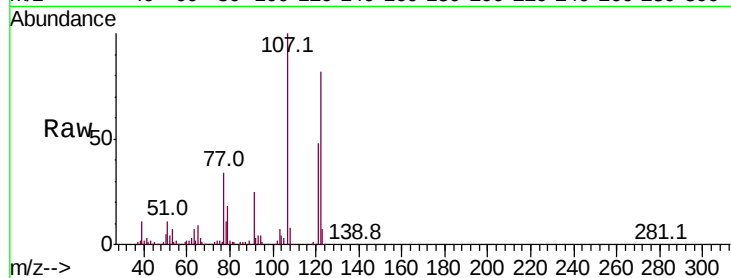




#27
2,4-Dimethylphenol
Concen: 56.417 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

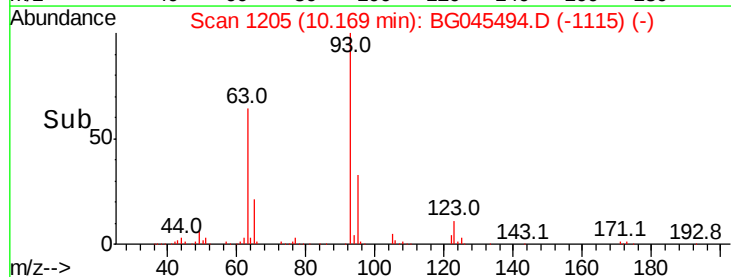
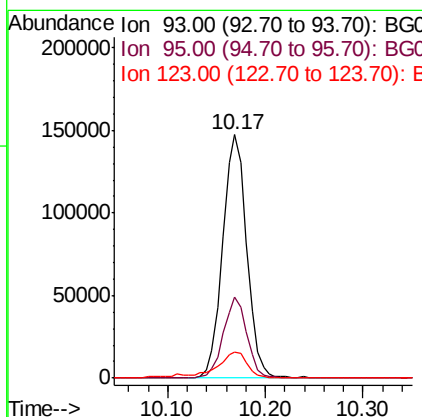
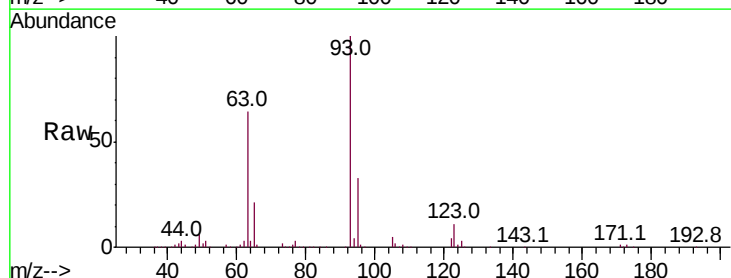
Instrument :
BNA_G
ClientSampleId :
PB129122BS

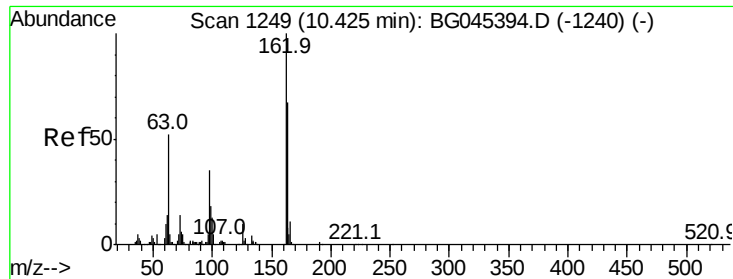
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	99.0	148.4
121	58.8	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 48.644 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.6	41.4
123	10.5	8.1	12.1

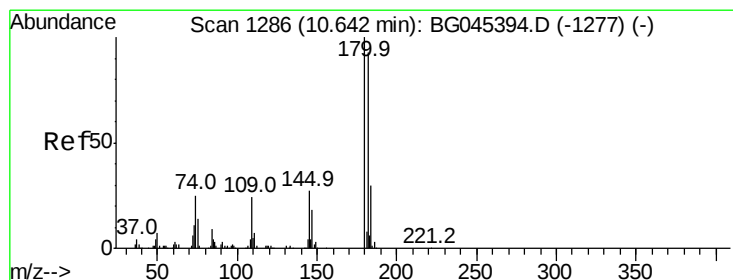
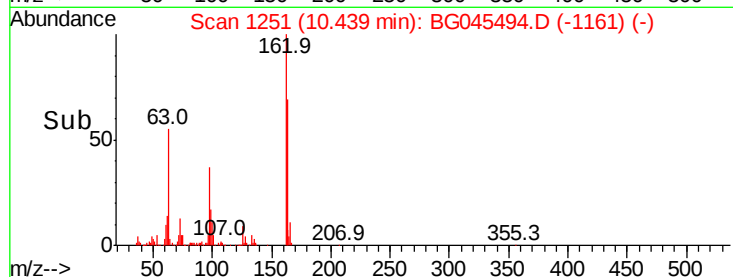
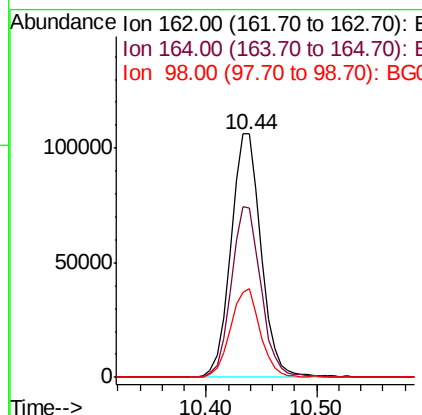
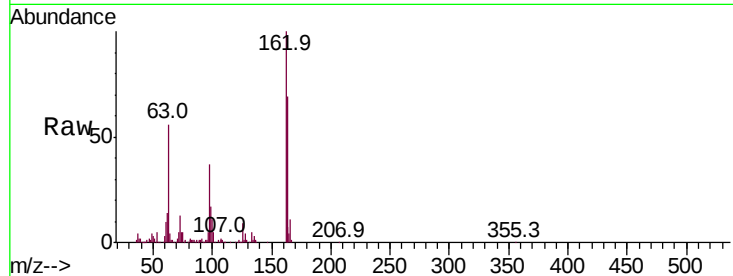




#29
 2,4-Dichlorophenol
 Concen: 50.595 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

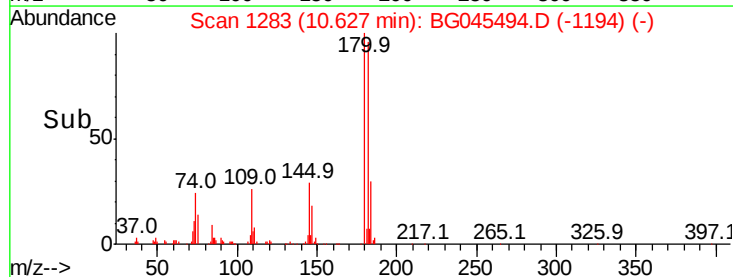
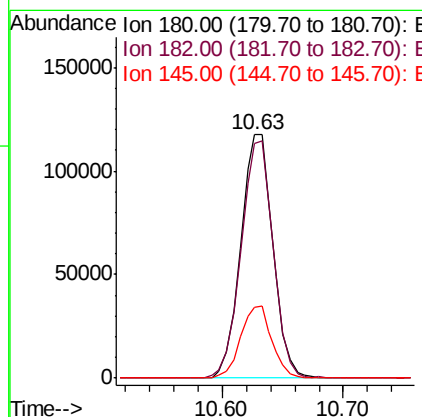
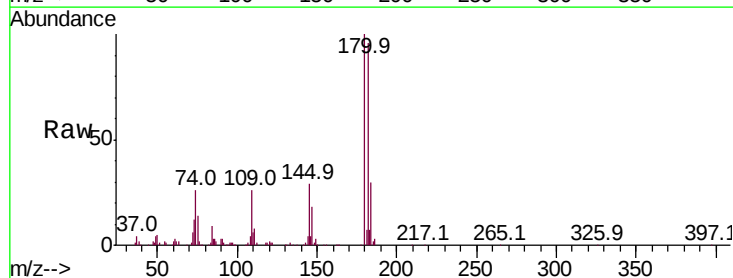
Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

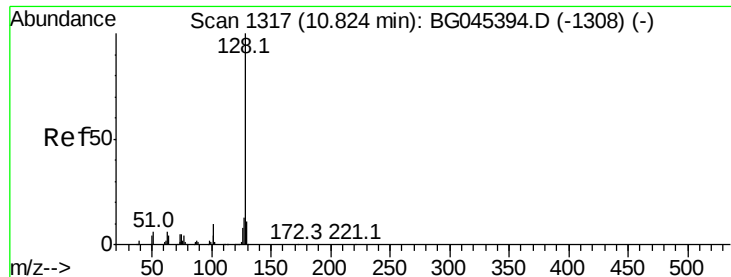
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.5	46.8	86.8
98	36.6	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.717 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	74.8	112.2
145	29.3	21.9	32.9

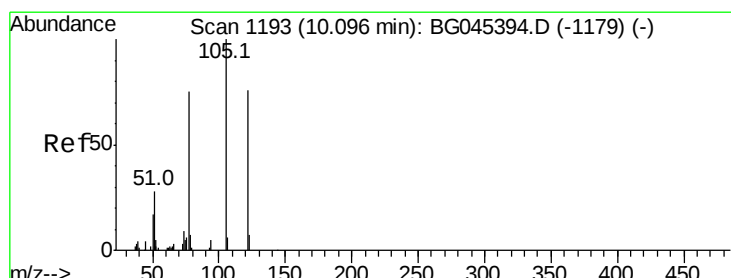
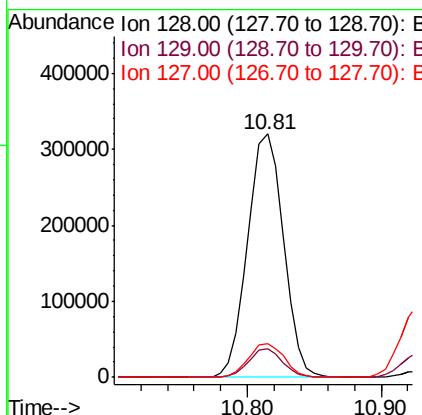
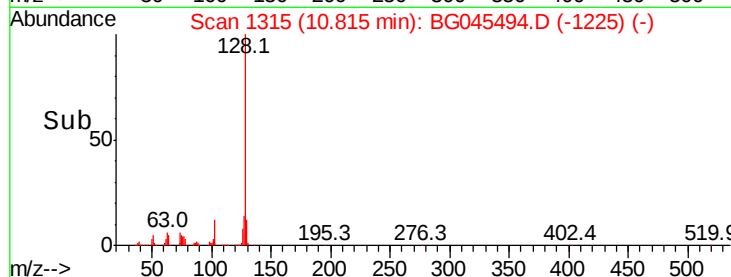
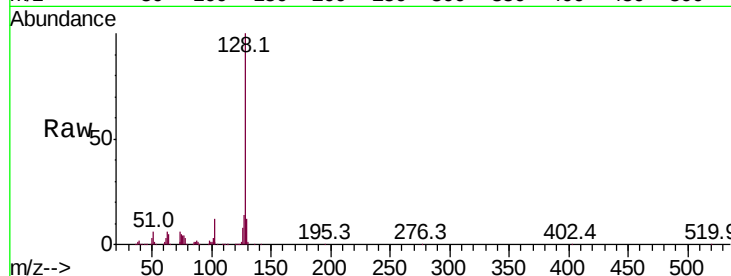




#31
Naphthalene
Concen: 46.606 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

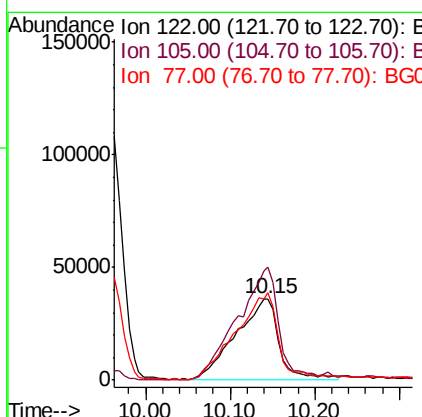
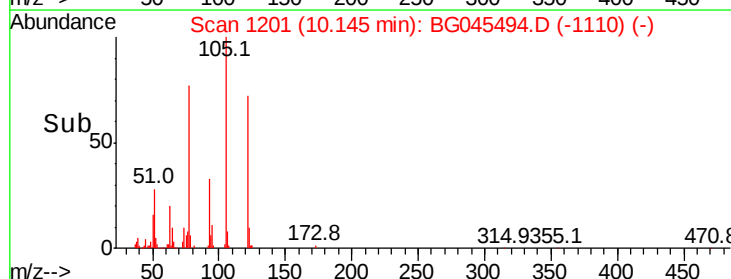
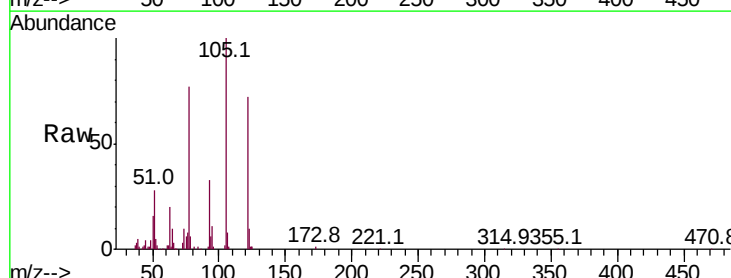
Instrument :
BNA_G
ClientSampleId :
PB129122BS

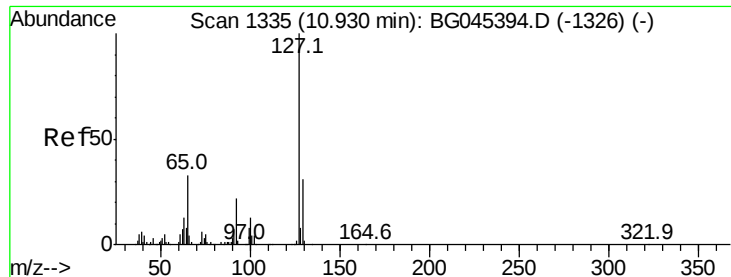
Tot Ion:128 Resp: 594462
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 53.202 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:122 Resp: 126646
Ion Ratio Lower Upper
122 100
105 139.3 107.9 147.9
77 107.2 78.9 118.9

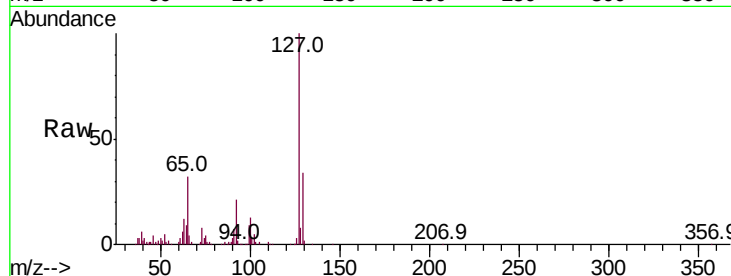




#33
4-Chloroaniline
Concen: 36.915 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion:	127	Resp:	196820
Ion	Ratio	Lower	Upper
127	100		
129	33.5	24.7	37.1
65	32.2	26.2	39.2
92	21.2	17.9	26.9



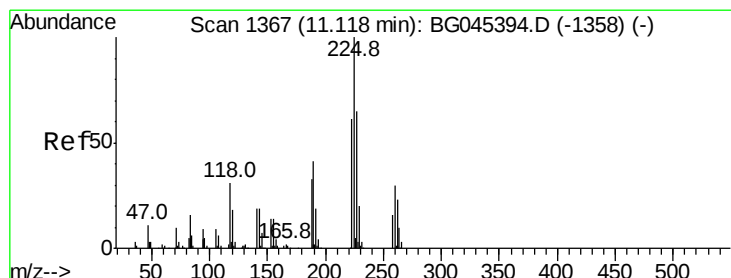
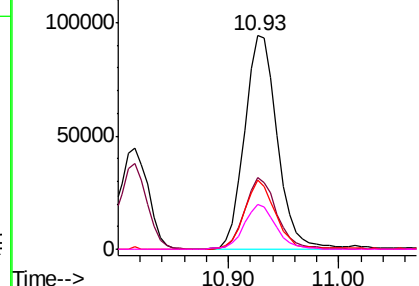
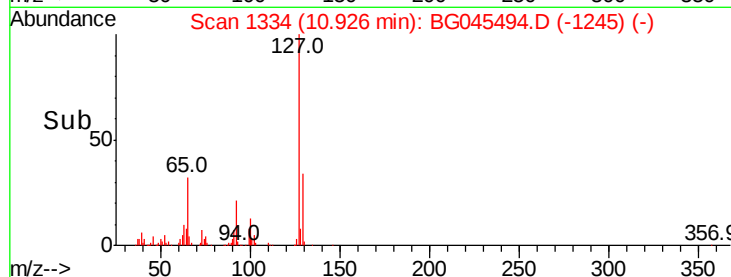
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

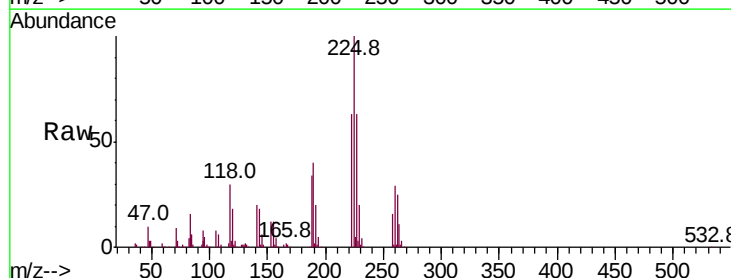
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 45.102 ng
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:	225	Resp:	151789
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.1	73.7
227	63.1	52.0	78.0

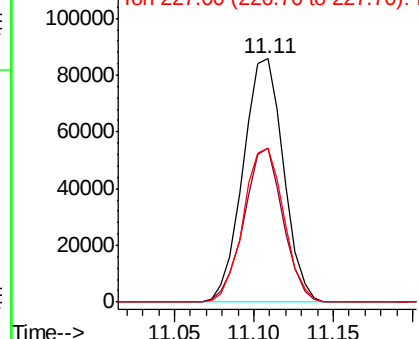
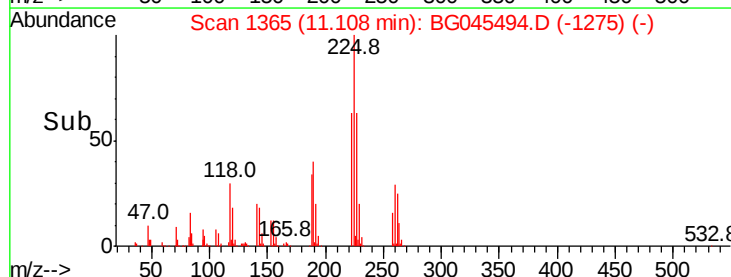


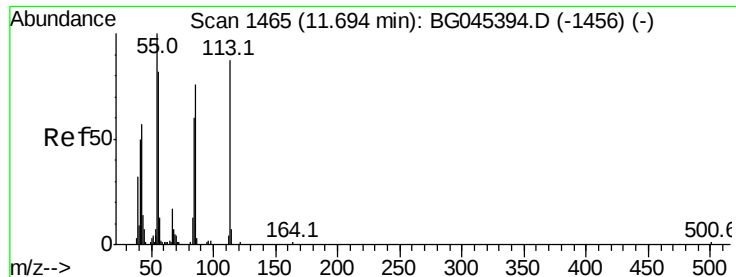
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.036 ng

RT: 11.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

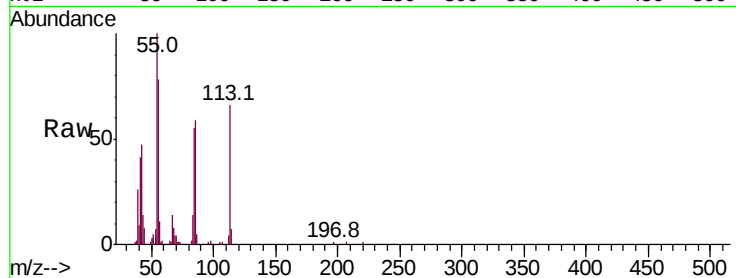
Tot Ion:113 Resp: 37026

Ion Ratio Lower Upper

113 100

55 150.6 96.0 136.0#

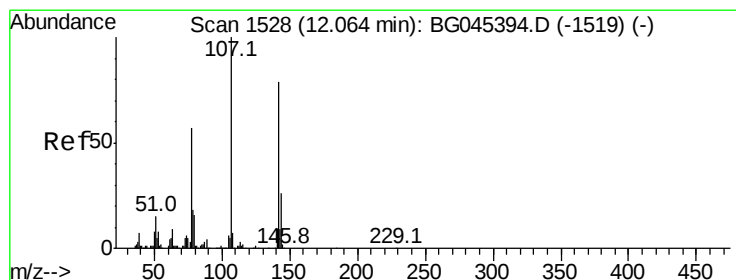
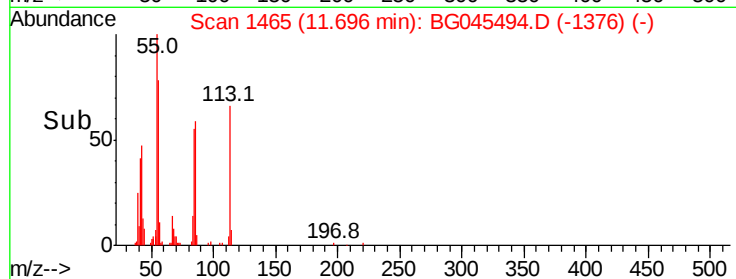
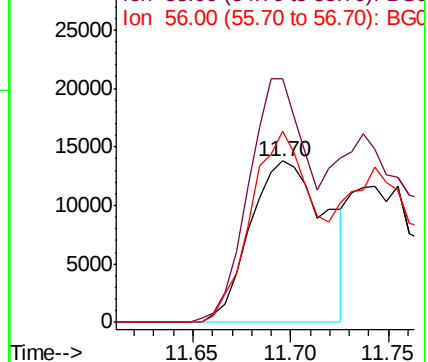
56 118.0 75.1 115.1#



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: 54.353 ng

RT: 12.09 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

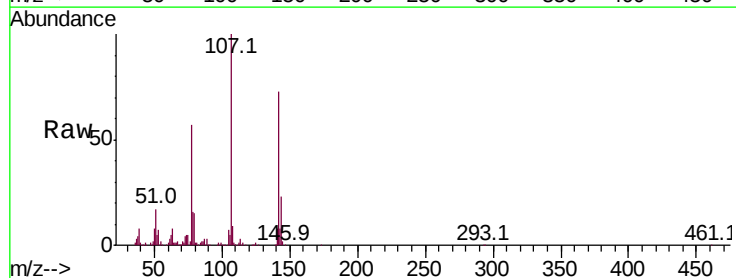
Tgt Ion:107 Resp: 246776

Ion Ratio Lower Upper

107 100

144 23.2 20.8 31.2

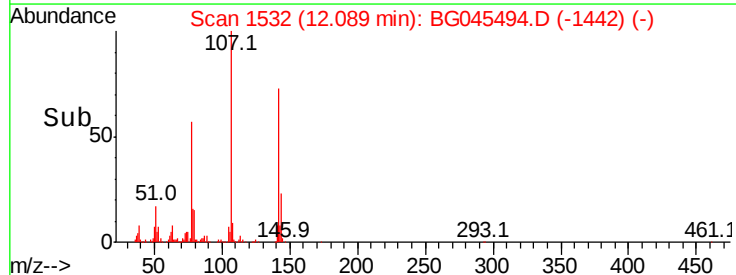
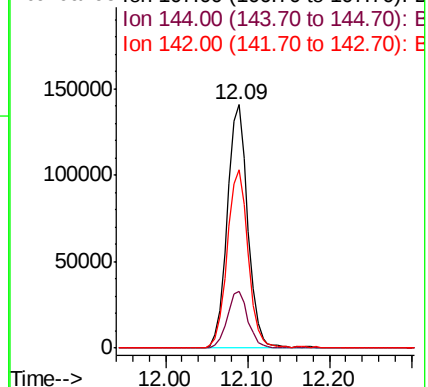
142 73.0 62.8 94.2

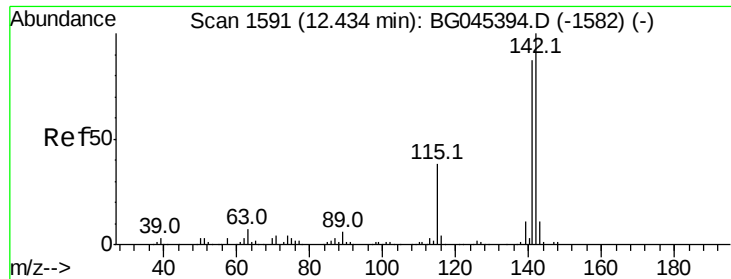


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

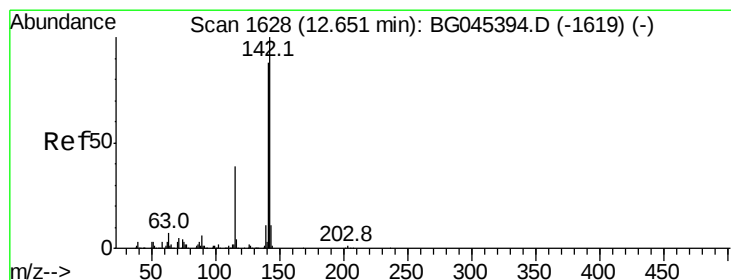
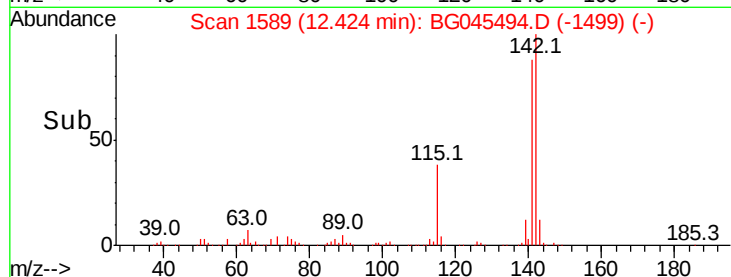
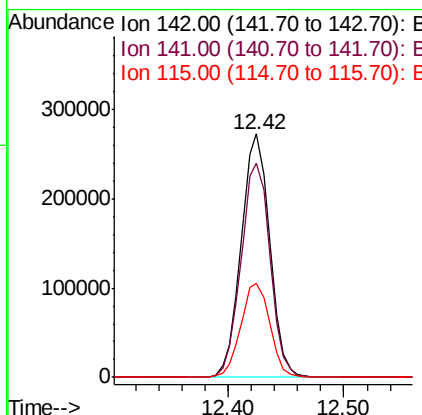
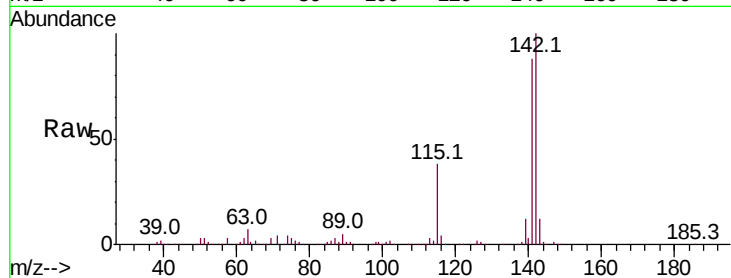




#37
2-Methylnaphthalene
Concen: 49.425 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

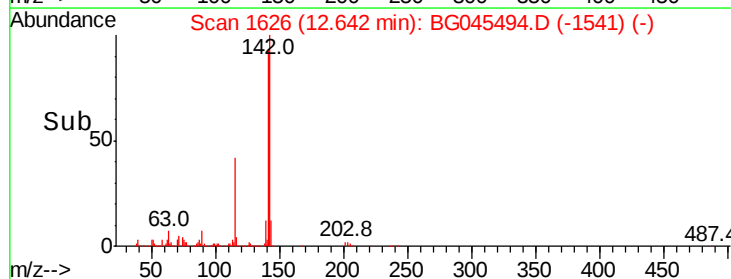
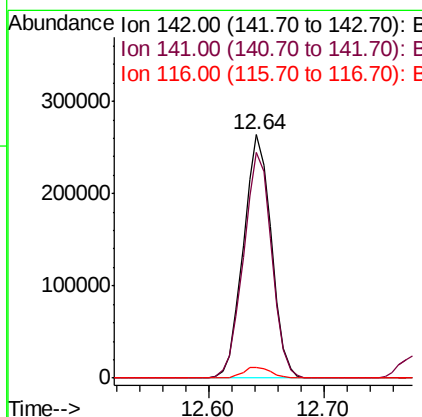
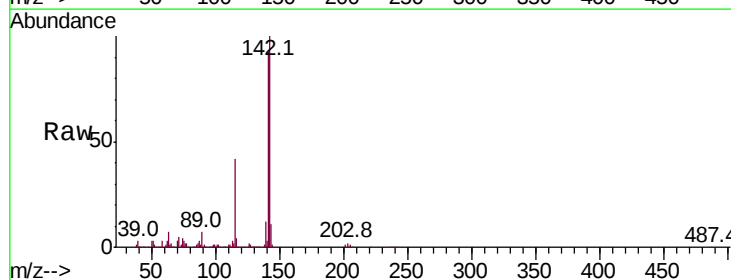
Instrument :
BNA_G
ClientSampleId :
PB129122BS

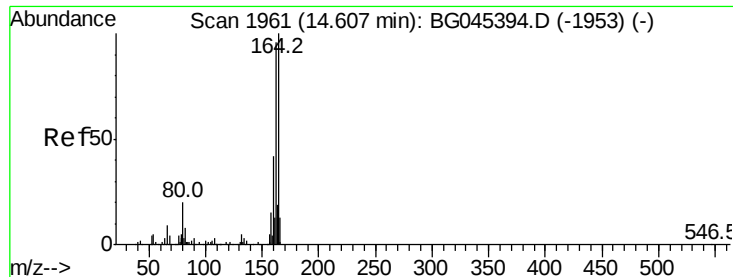
Tot Ion:142 Resp: 469874
Ion Ratio Lower Upper
142 100
141 88.0 70.0 105.0
115 38.3 30.8 46.2



#38
1-Methylnaphthalene
Concen: 49.168 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:142 Resp: 441548
Ion Ratio Lower Upper
142 100
141 92.9 70.8 106.2
116 4.5 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: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

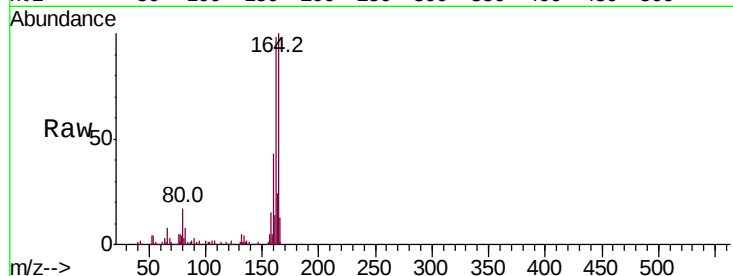
Tot Ion:164 Resp: 209472

Ion Ratio Lower Upper

164 100

162 98.4 76.9 115.3

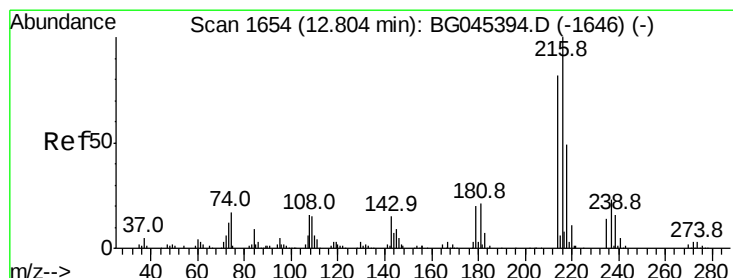
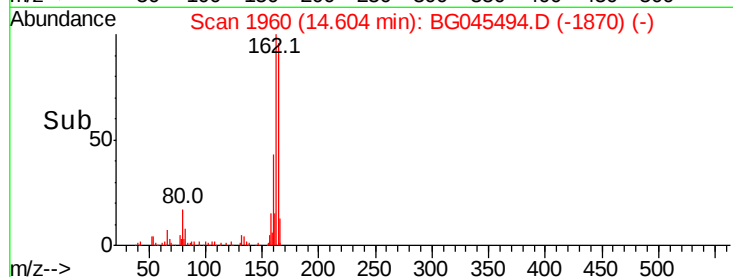
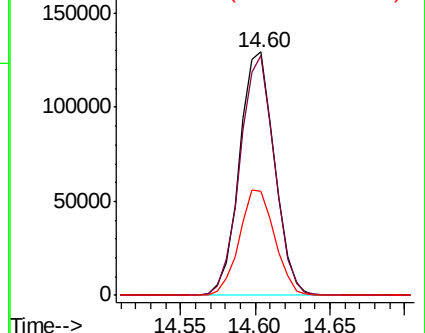
160 42.8 33.8 50.8



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: 46.064 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:216 Resp: 269513

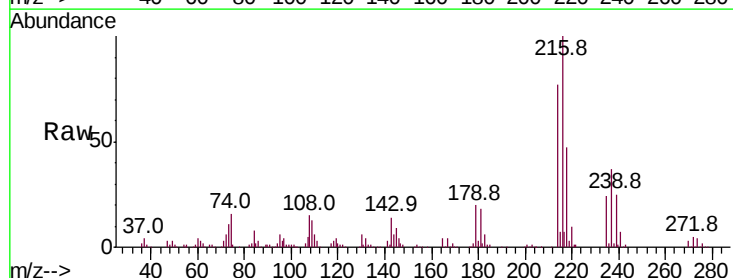
Ion Ratio Lower Upper

216 100

214 77.8 63.7 95.5

179 19.3 16.1 24.1

108 18.6 13.8 20.6

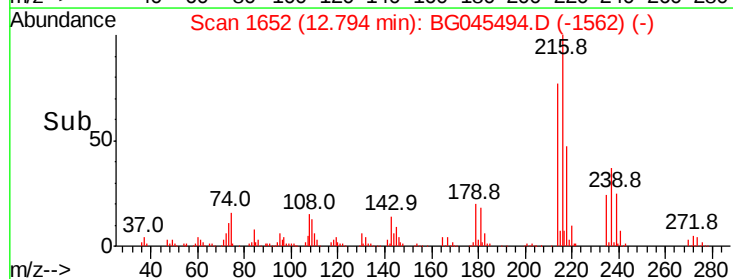
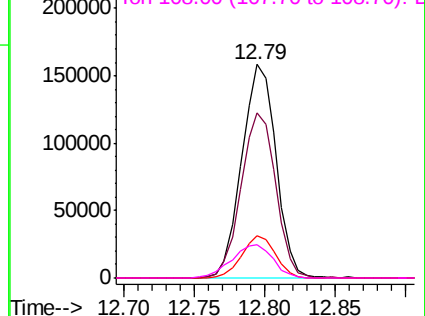


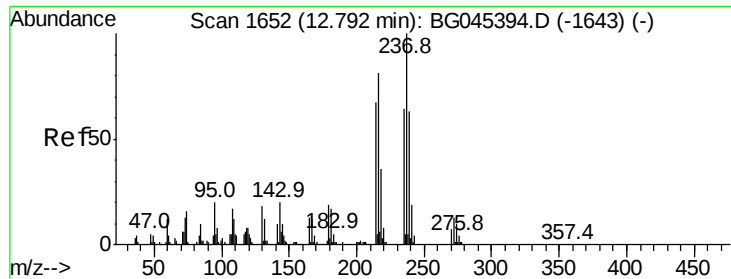
Abundance Ion 216.00 (215.70 to 216.70): E

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: 102.930 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

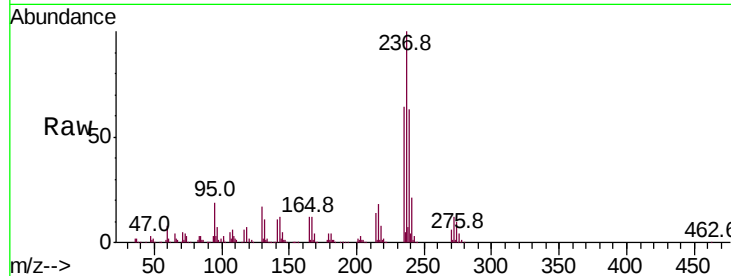
Tot Ion:237 Resp: 347598

Ion Ratio Lower Upper

237 100

235 64.4 44.4 84.4

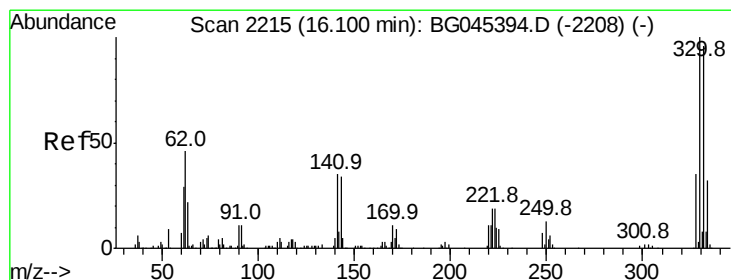
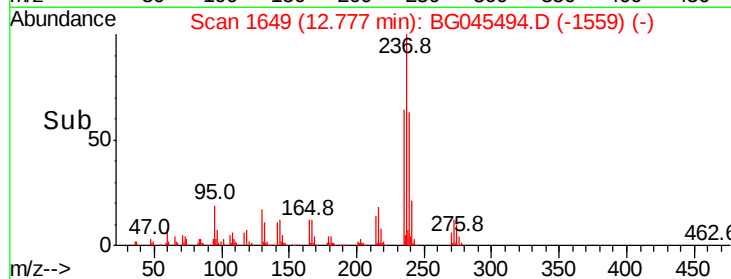
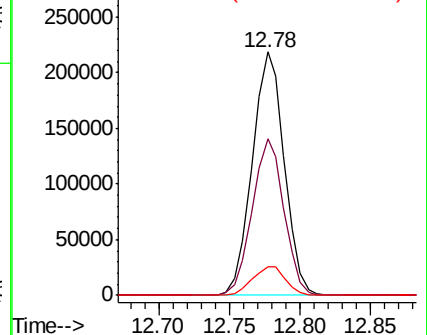
272 11.9 0.0 32.5



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: 145.412 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

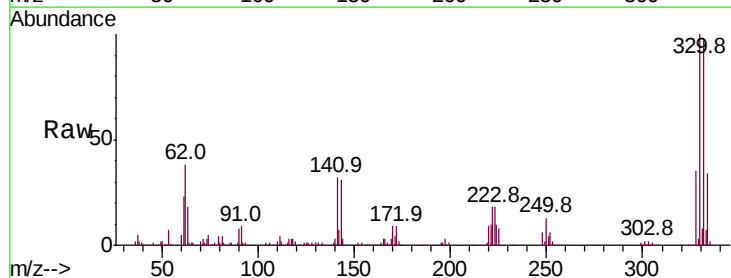
Tgt Ion:330 Resp: 389545

Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.4

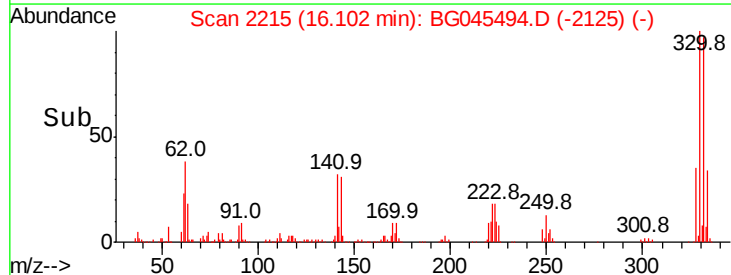
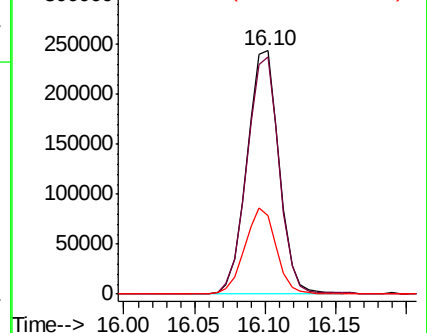
141 34.7 28.2 42.4

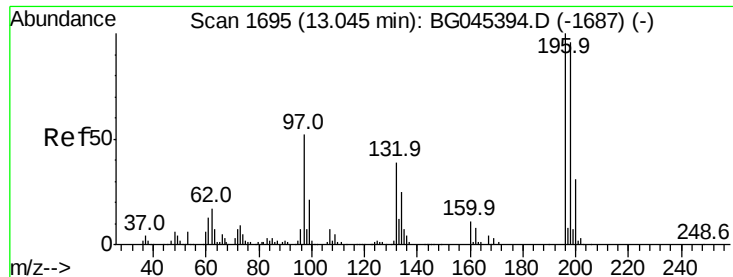


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

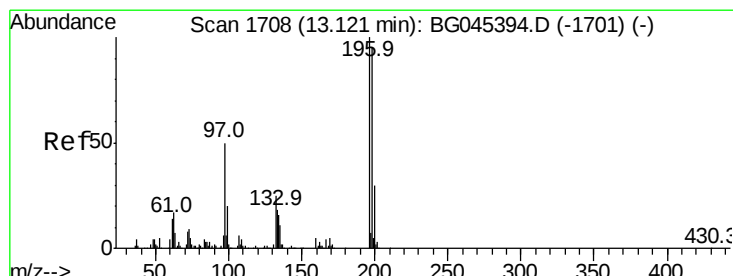
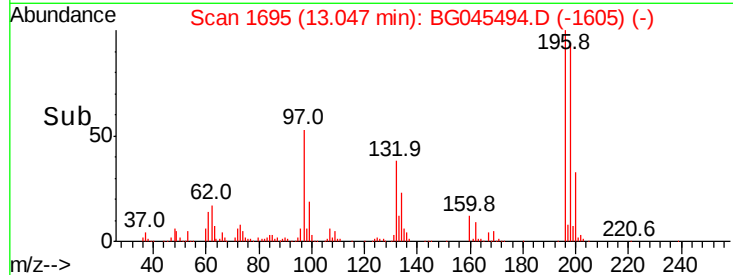
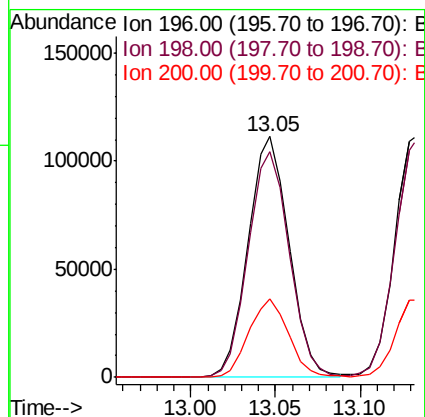
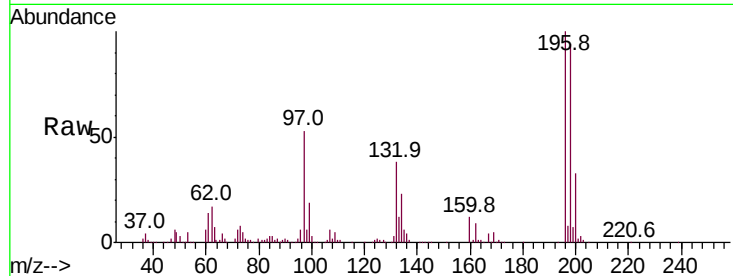




#43
 2,4,6-Trichlorophenol
 Concen: 46.177 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

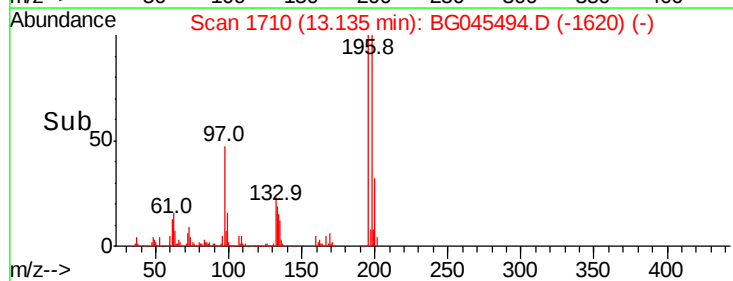
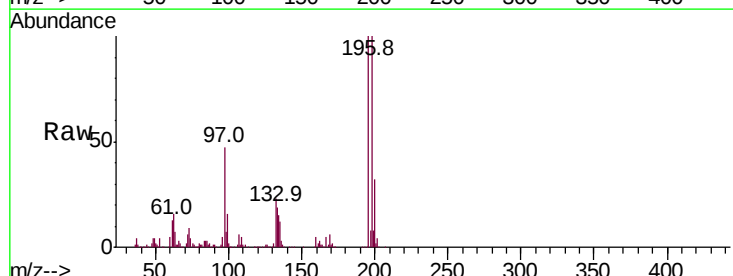
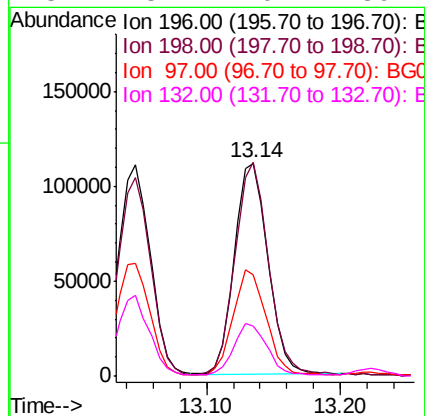
Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

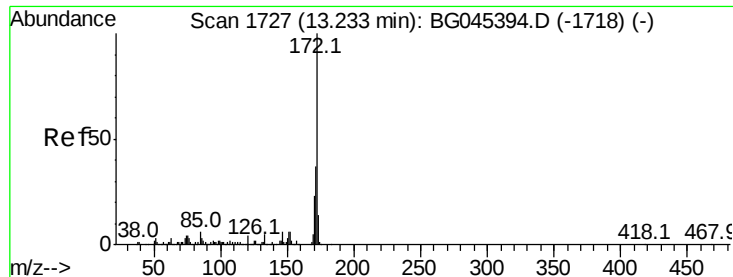
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.7	115.1
200	32.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.136 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	76.1	114.1
97	47.6	40.0	60.0
132	23.4	20.2	30.2

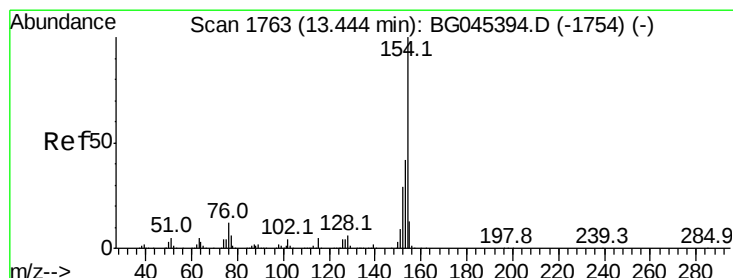
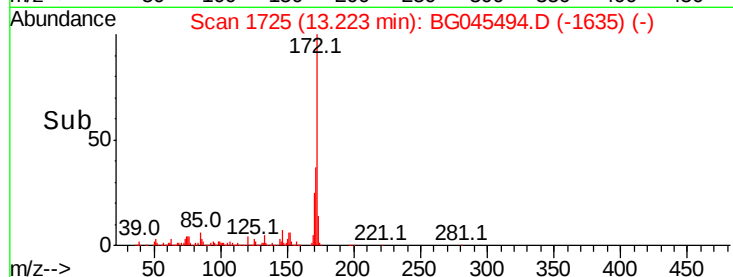
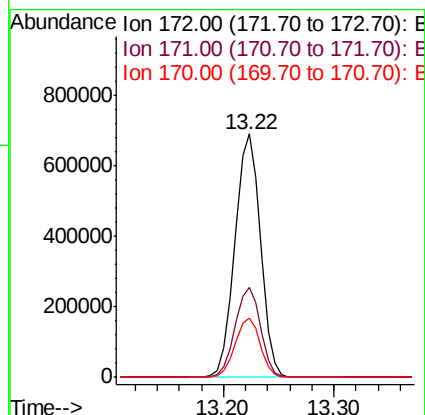
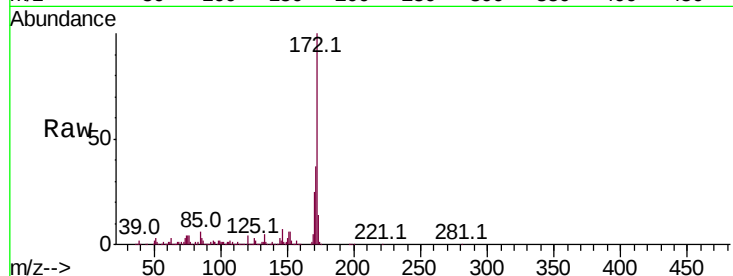




#45
2-Fluorobiphenyl
Concen: 91.077 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

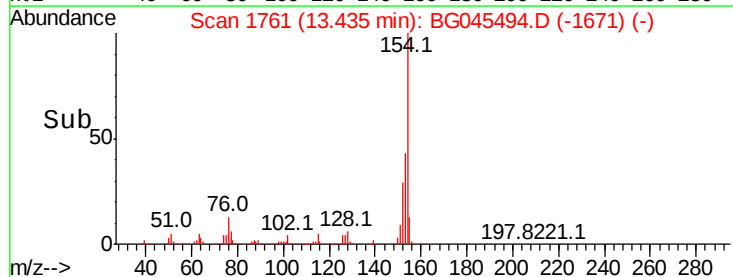
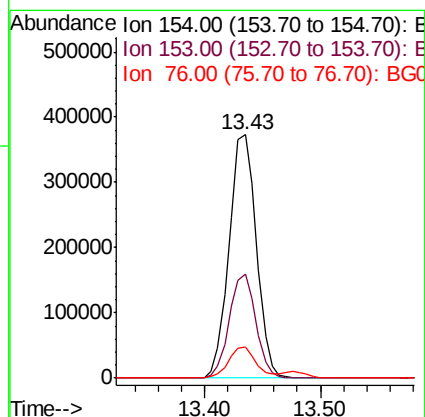
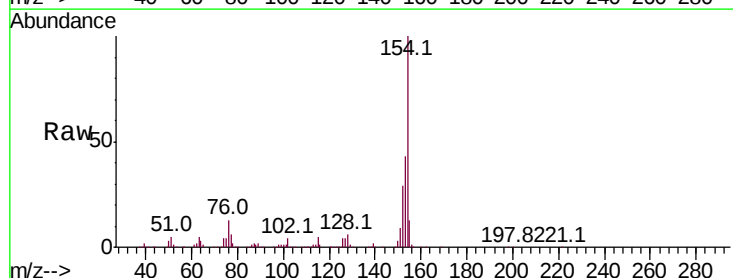
Instrument :
BNA_G
ClientSampleId :
PB129122BS

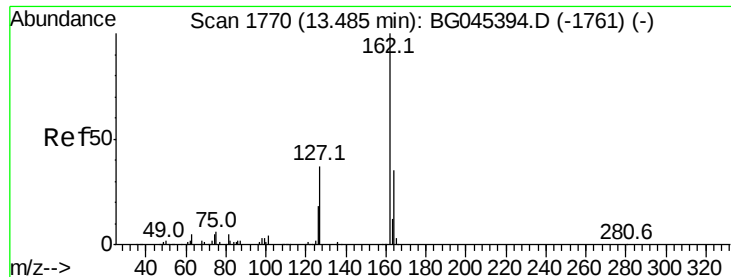
Tot Ion:172 Resp: 1124745
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 24.5 18.5 27.7



#46
1,1'-Biphenyl
Concen: 47.356 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:154 Resp: 609519
Ion Ratio Lower Upper
154 100
153 42.6 22.2 62.2
76 12.8 0.0 32.4





#47

2-Chloronaphthalene

Concen: 44.868 ng

RT: 13.48 min Scan# 1768

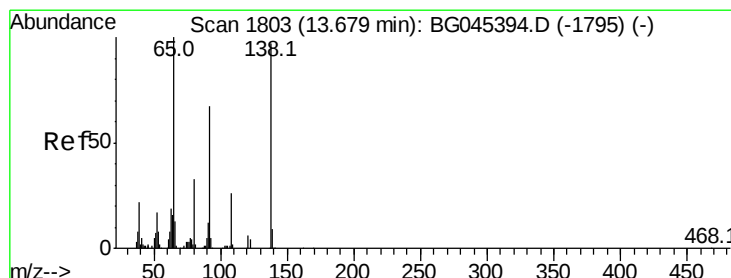
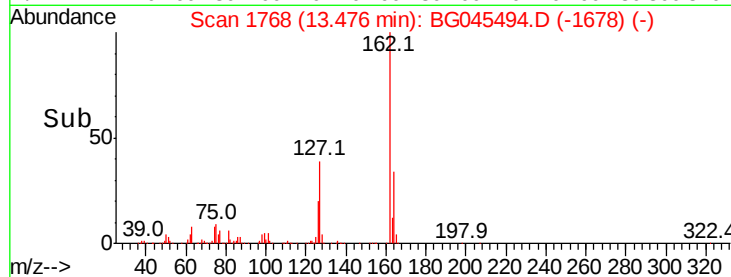
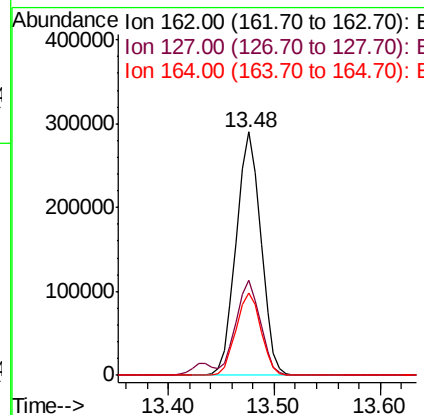
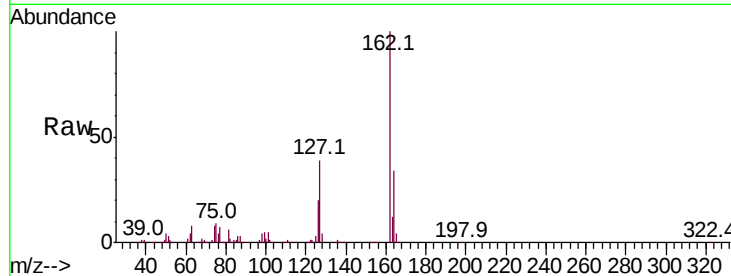
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.6	47.4
164	33.8	28.1	42.1



#48

2-Nitroaniline

Concen: 45.484 ng

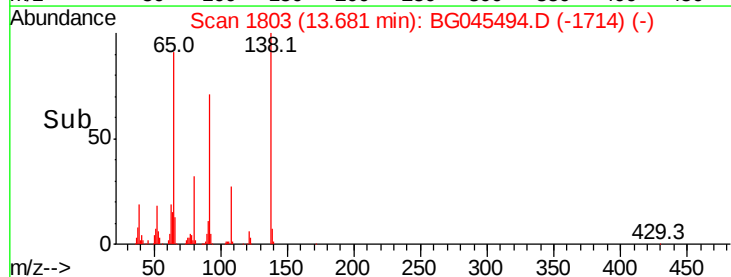
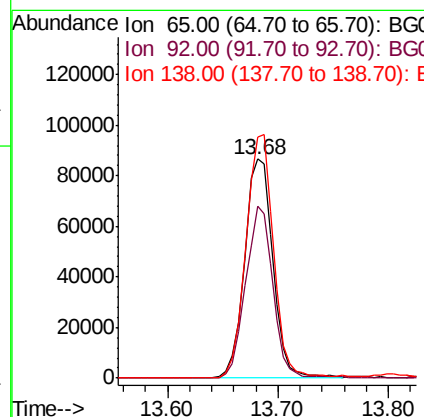
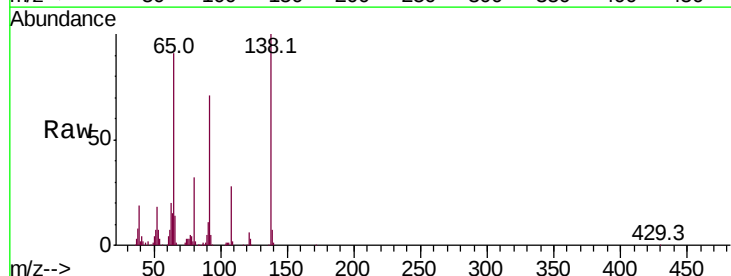
RT: 13.68 min Scan# 1803

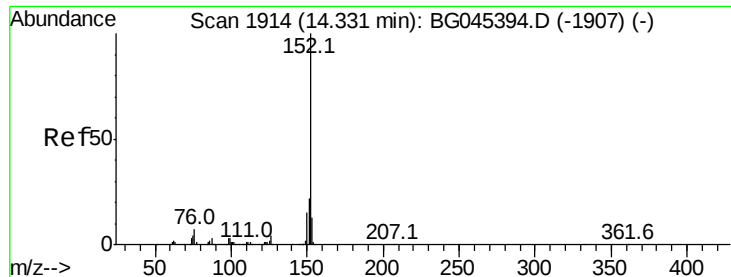
Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.5	53.8	80.8
138	110.1	77.9	116.9





#49

Acenaphthylene

Concen: 47.158 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

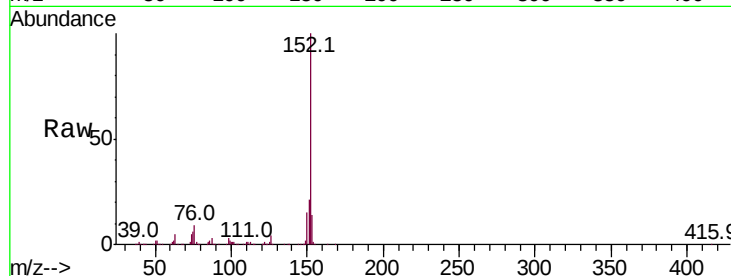
Tot Ion:152 Resp: 791702

Ion Ratio Lower Upper

152 100

151 21.5 17.4 26.2

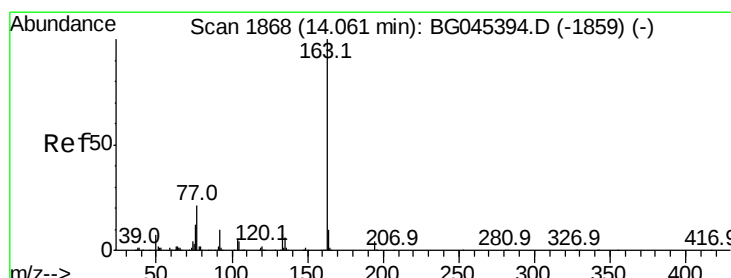
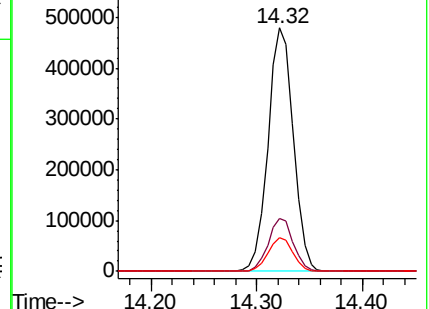
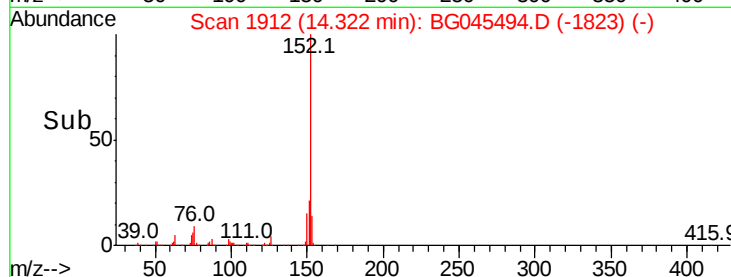
153 13.9 10.7 16.1



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: 46.274 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

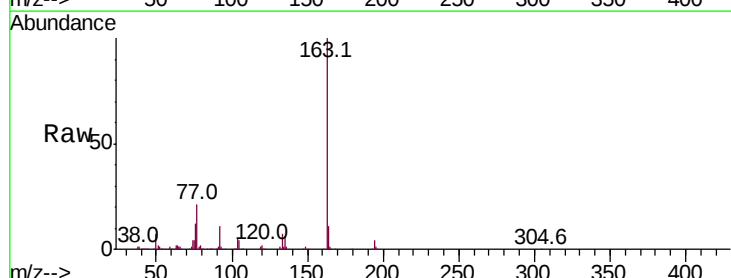
Tgt Ion:163 Resp: 664935

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

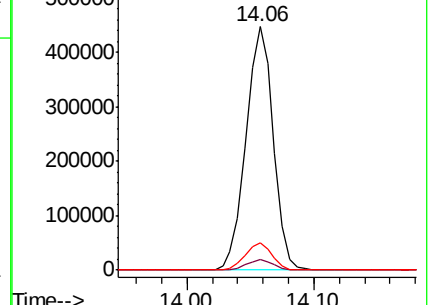
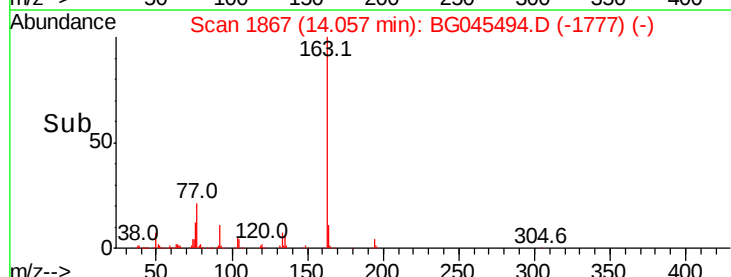
164 11.1 8.3 12.5

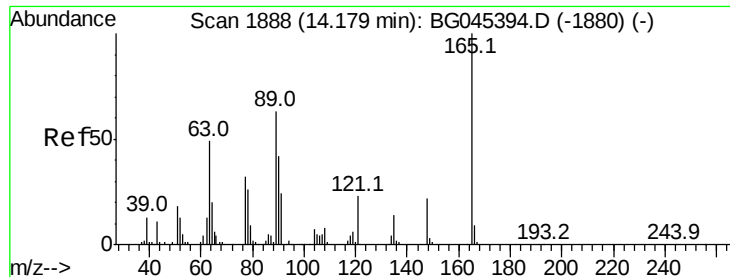


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.470 ng

RT: 14.17 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

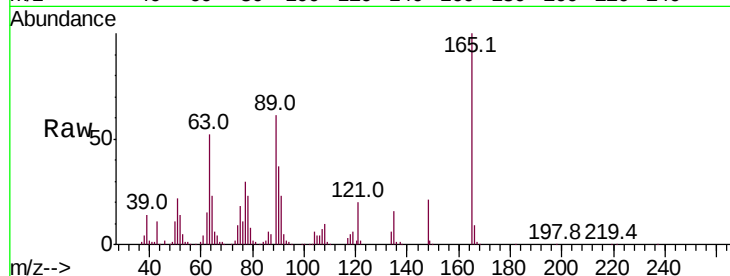
Tot Ion:165 Resp: 153922

Ion Ratio Lower Upper

165 100

63 51.8 45.0 67.4

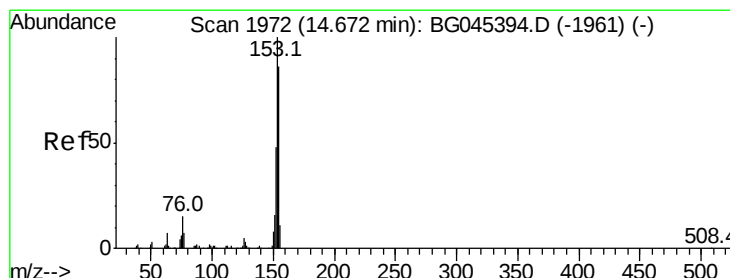
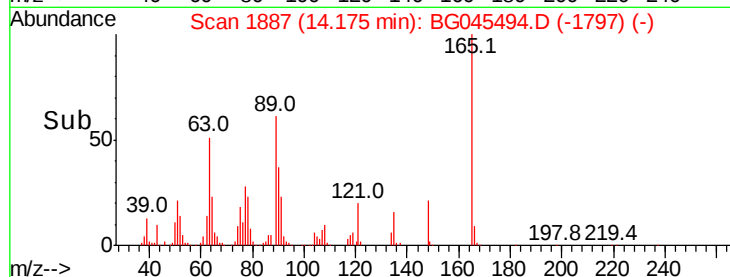
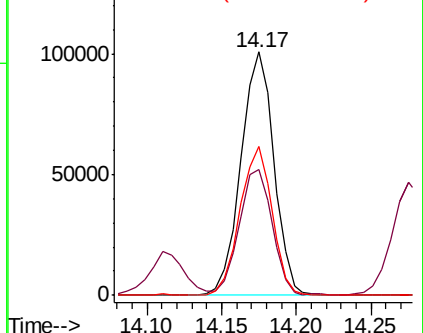
89 61.0 50.2 75.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.949 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

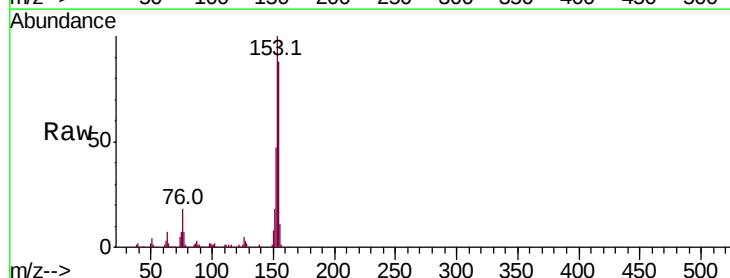
Tgt Ion:154 Resp: 460168

Ion Ratio Lower Upper

154 100

153 113.9 92.8 139.2

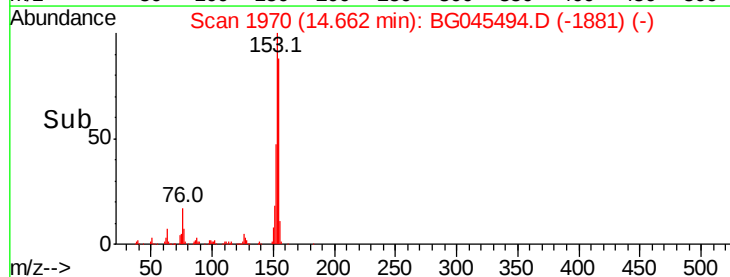
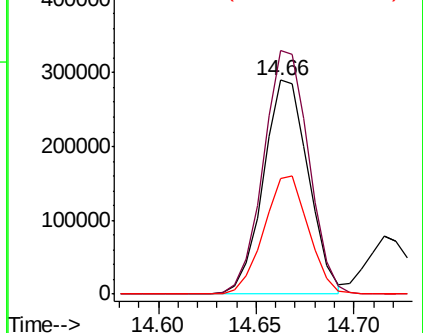
152 54.0 44.6 66.8

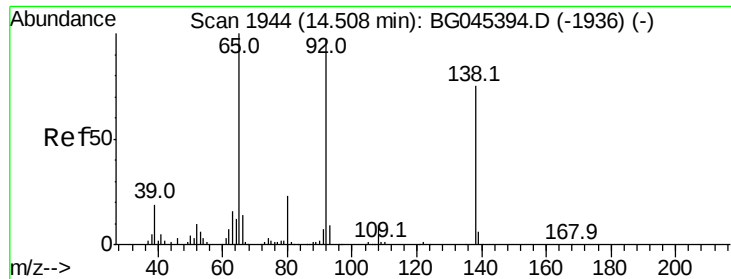


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

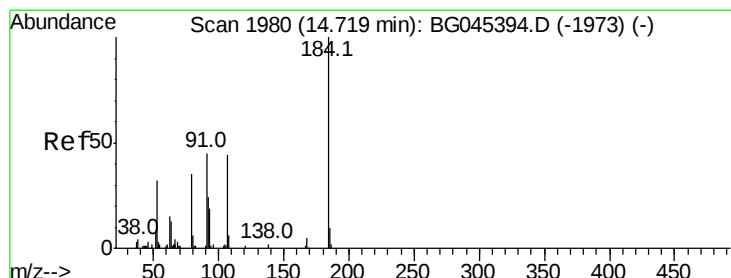
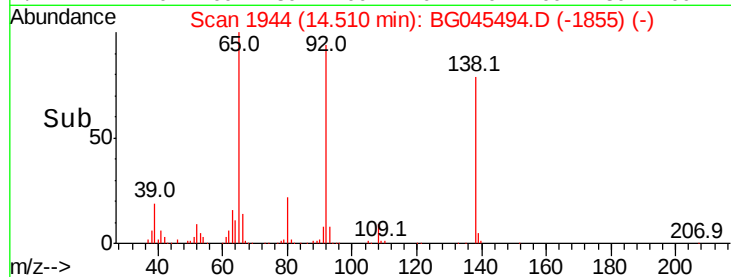
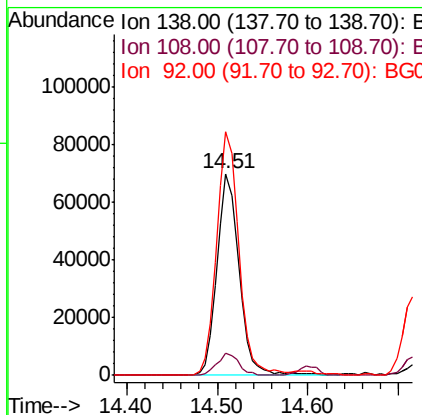
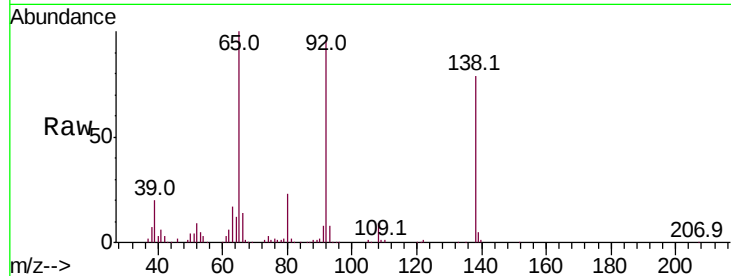




#53
 3-Nitroaniline
 Concen: 35.852 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

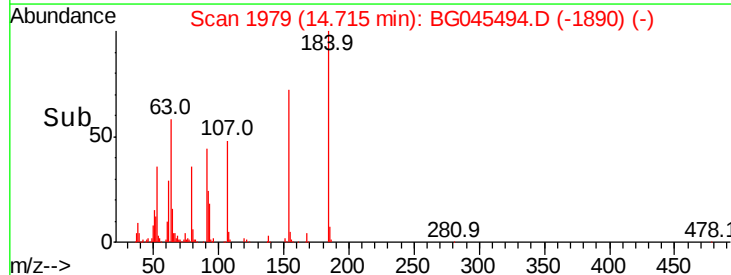
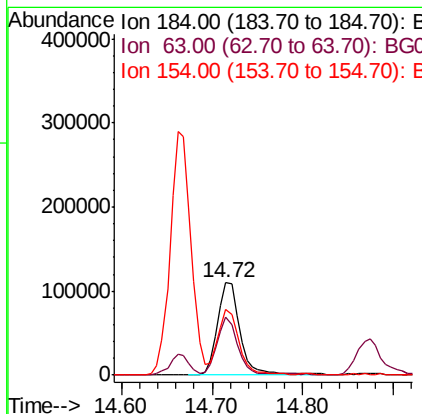
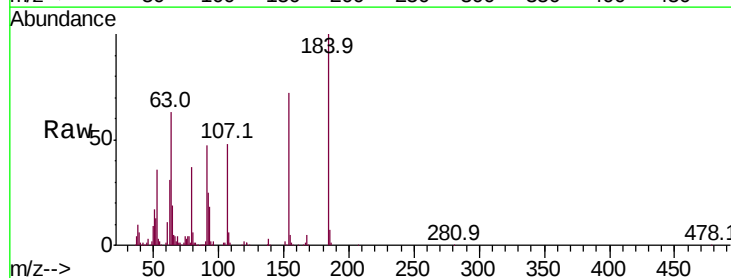
Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

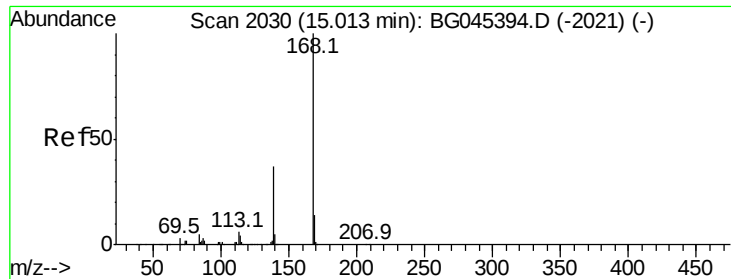
Tot Ion:138 Resp: 118173
 Ion Ratio Lower Upper
 138 100
 108 10.7 9.8 14.6
 92 120.8 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 89.067 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

Tgt Ion:184 Resp: 190595
 Ion Ratio Lower Upper
 184 100
 63 63.5 47.8 71.6
 154 71.9 58.3 87.5

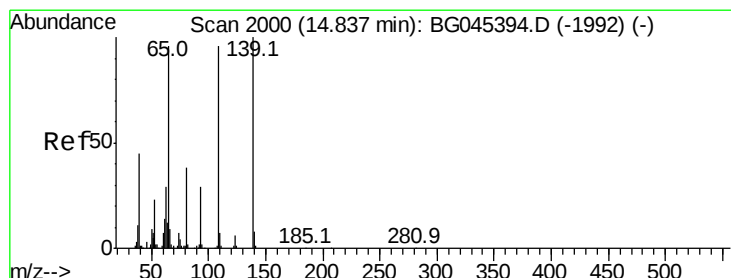
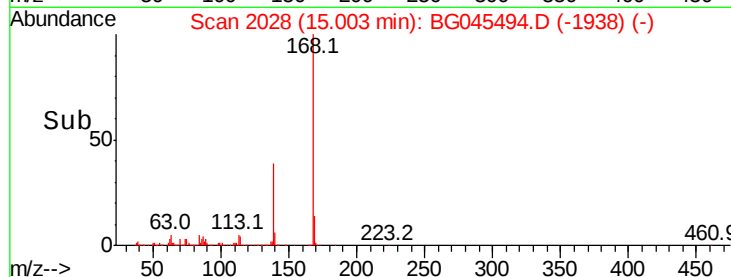
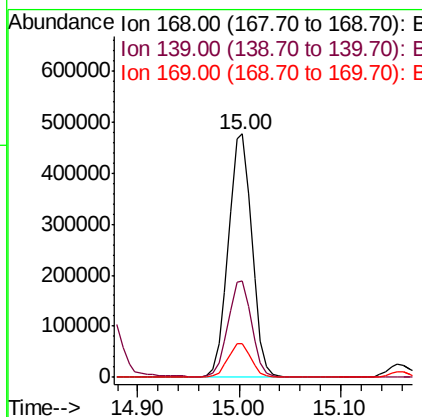
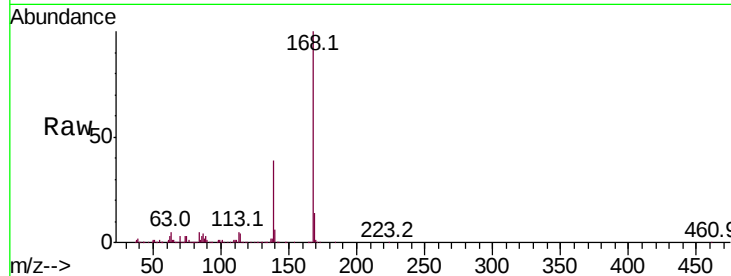




#55
Dibenzofuran
Concen: 46.017 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

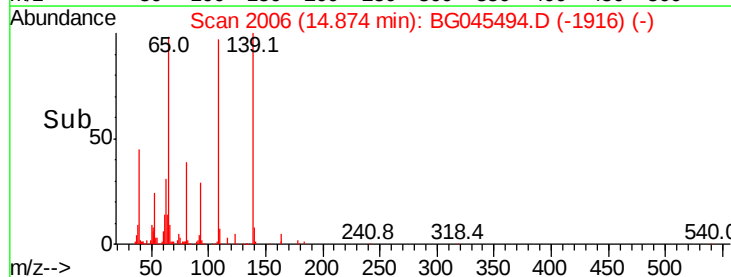
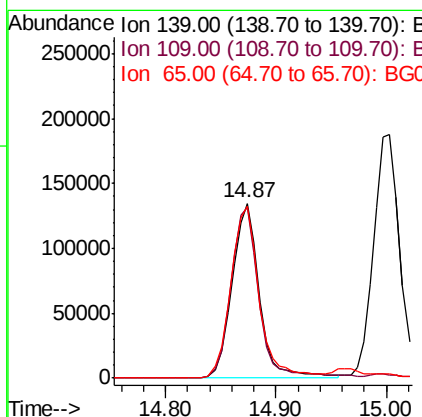
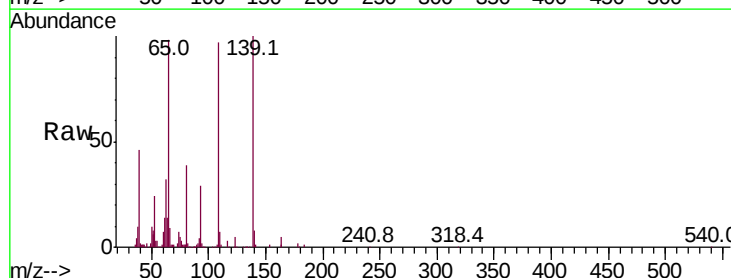
Instrument :
BNA_G
ClientSampleId :
PB129122BS

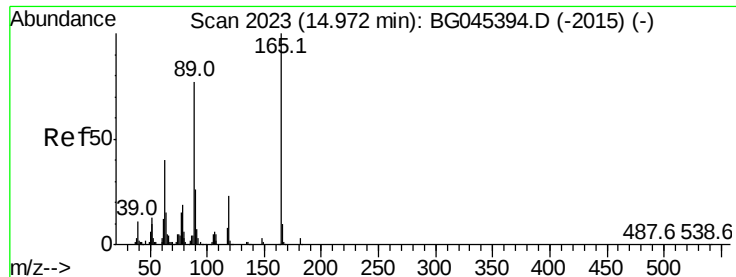
Tot Ion:168 Resp: 767935
Ion Ratio Lower Upper
168 100
139 39.4 29.9 44.9
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 93.482 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:139 Resp: 233286
Ion Ratio Lower Upper
139 100
109 97.3 75.6 115.6
65 98.2 76.8 116.8

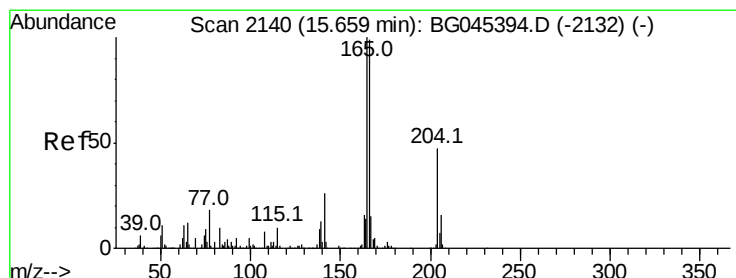
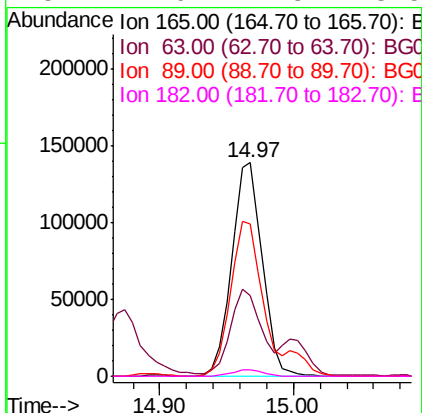
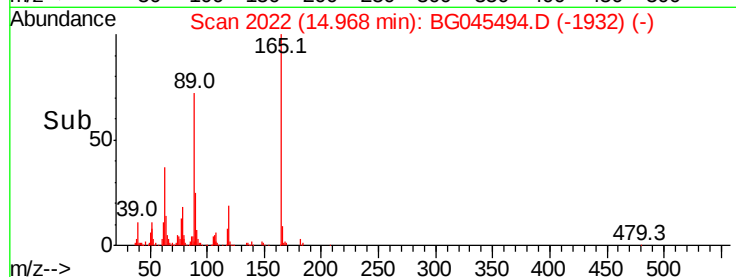
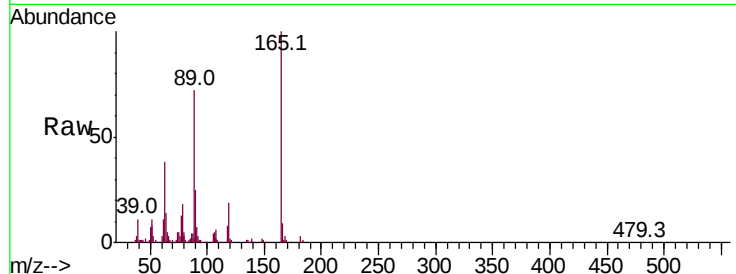




#57
2,4-Dinitrotoluene
Concen: 46.936 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

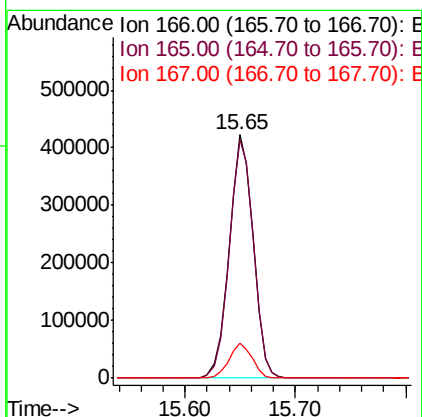
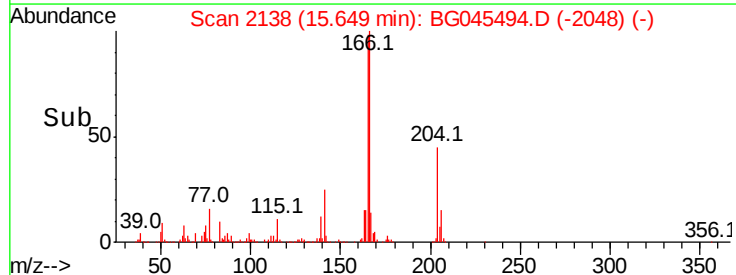
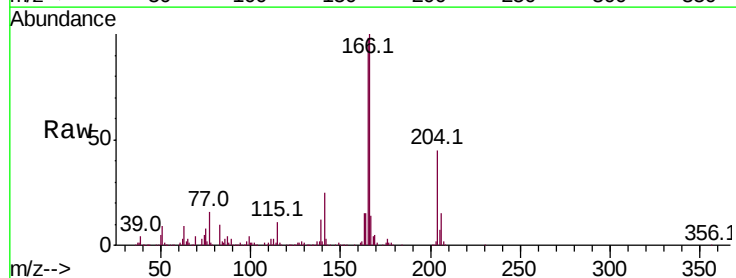
Instrument :
BNA_G
ClientSampleId :
PB129122BS

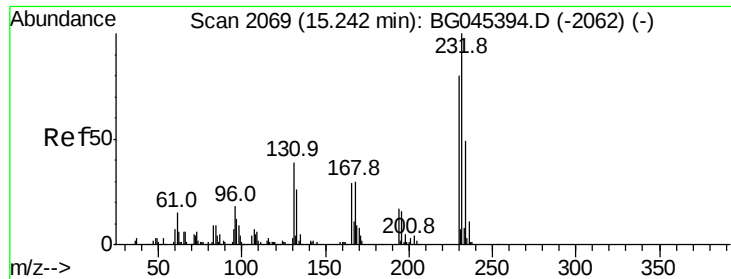
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.5	32.5	48.7
89	71.5	61.8	92.6
182	2.9	2.3	3.5



#58
Fluorene
Concen: 46.874 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.8	121.2
167	14.2	12.0	18.0

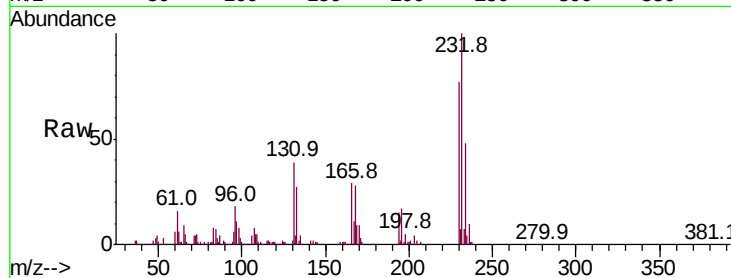




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.086 ng
RT: 15.24 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	33.7	50.5
130	2.5	2.1	3.1
166	28.1	23.2	34.8



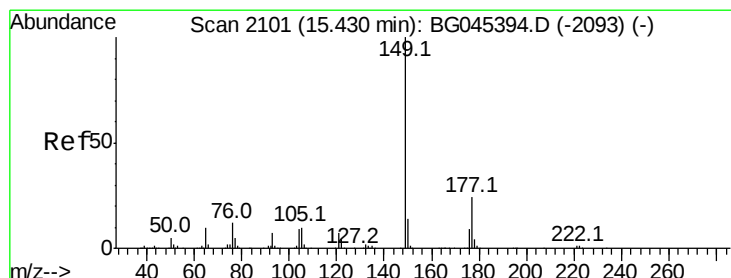
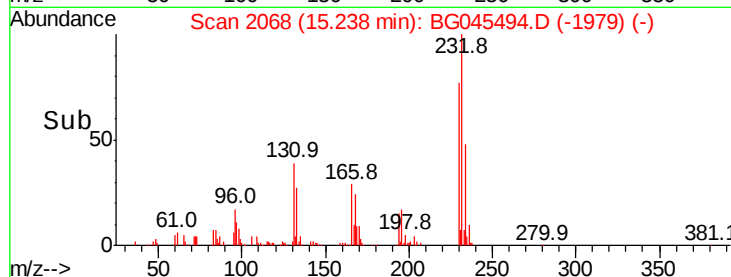
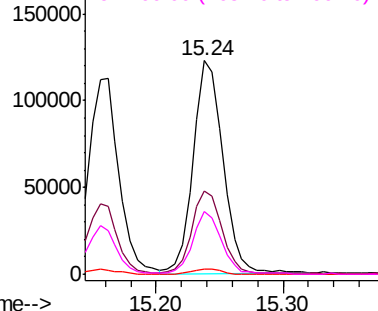
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

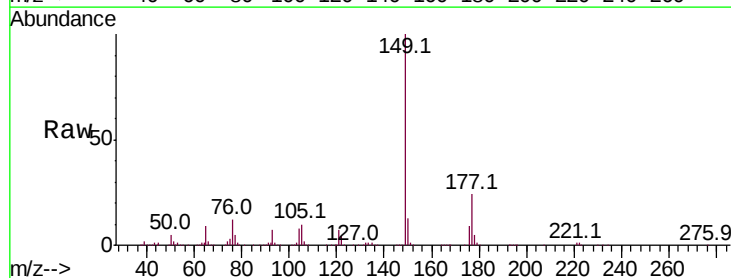
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.334 ng
RT: 15.42 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.4
150	13.4	11.4	17.0

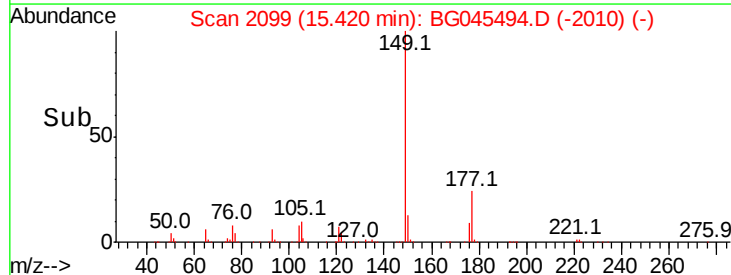
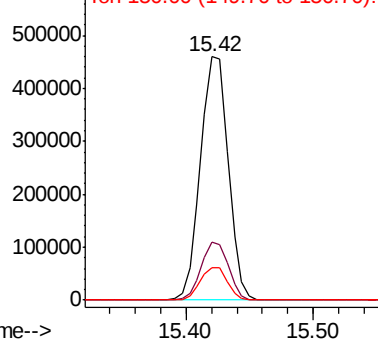


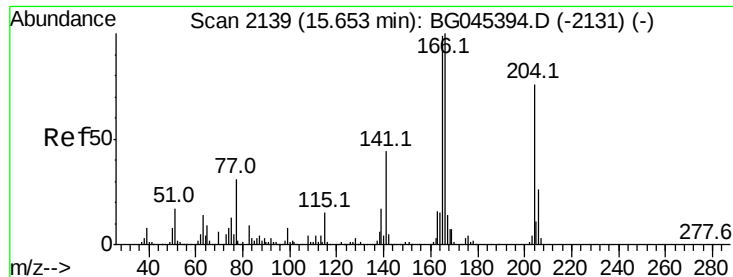
Abundance

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

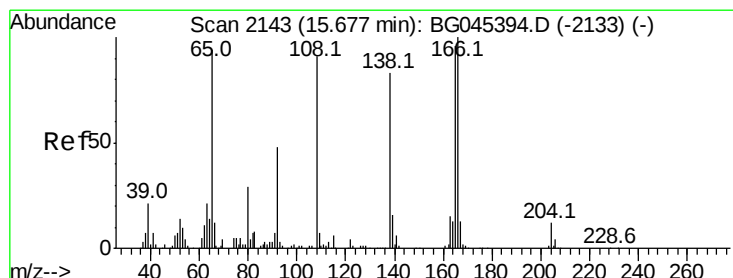
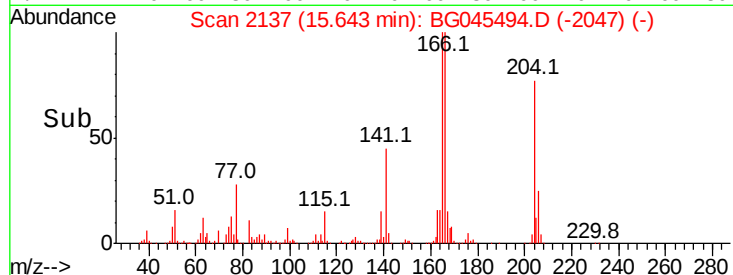
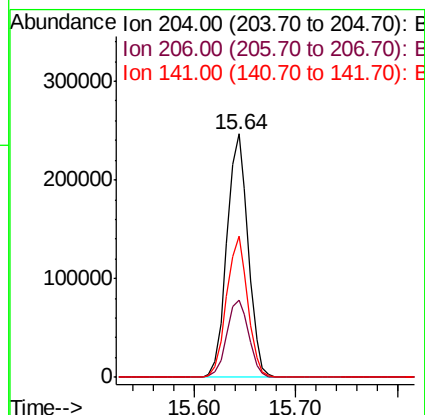
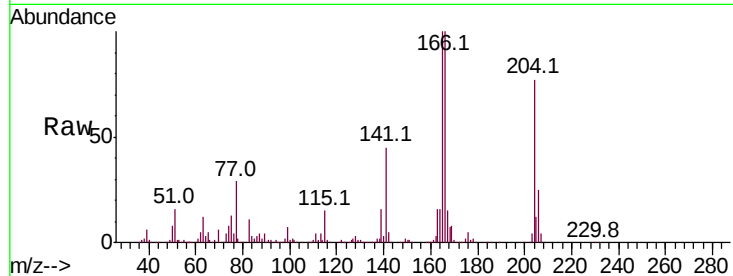




#61
4-Chlorophenyl-phenylether
Concen: 45.558 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

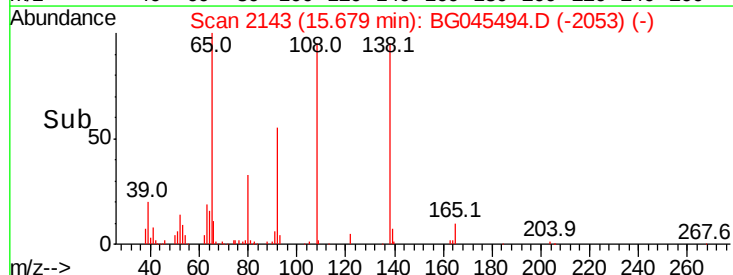
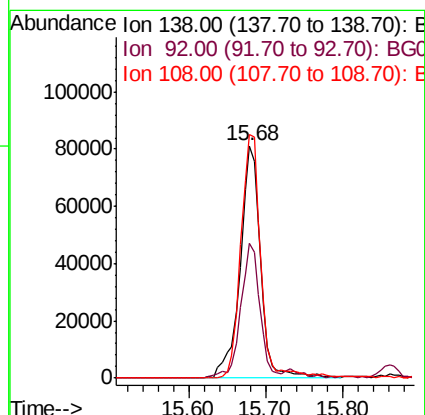
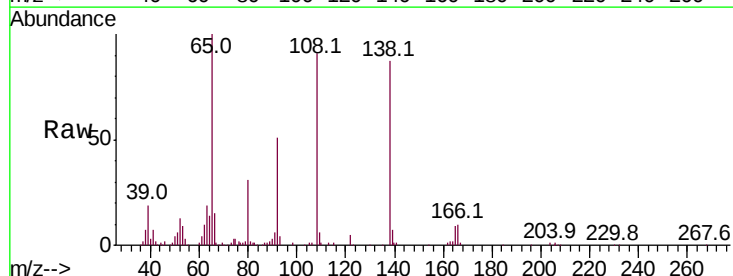
Instrument :
BNA_G
ClientSampleId :
PB129122BS

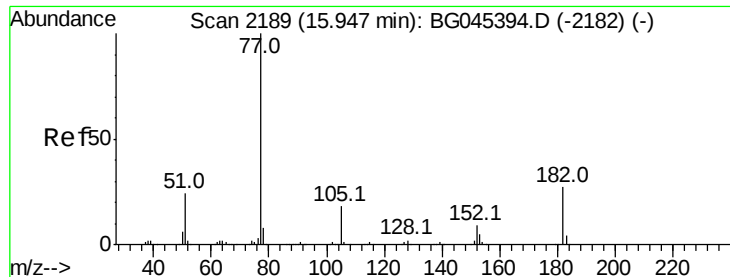
Tot Ion:204 Resp: 357421
Ion Ratio Lower Upper
204 100
206 31.8 27.3 40.9
141 57.9 45.9 68.9



#62
4-Nitroaniline
Concen: 43.912 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:138 Resp: 151104
Ion Ratio Lower Upper
138 100
92 58.0 38.0 78.0
108 104.9 89.3 129.3

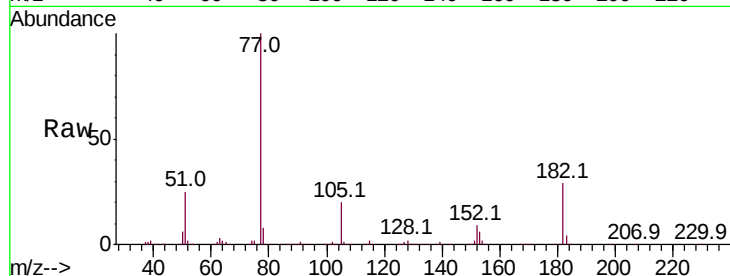




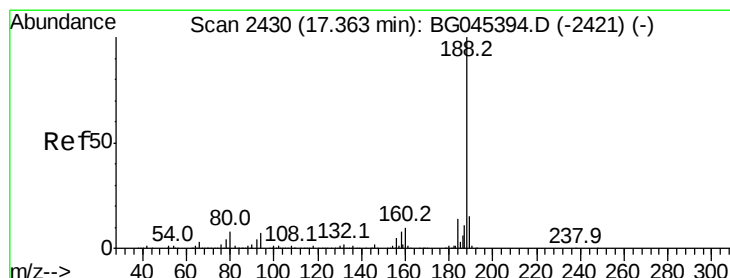
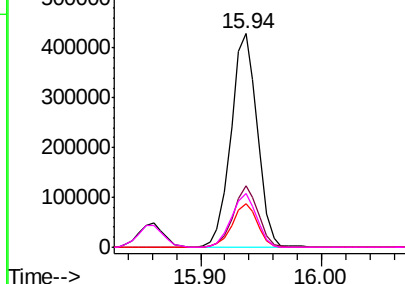
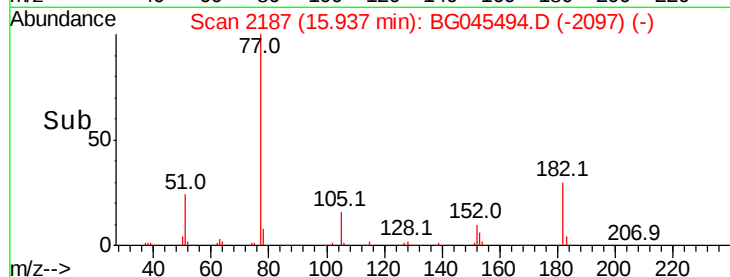
#63
Azobenzene
Concen: 46.458 ng
RT: 15.94 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion:	77	Resp:	647898
Ion	Ratio	Lower	Upper
77	100		
182	29.1	6.5	46.5
105	20.3	0.0	37.9
51	24.9	4.1	44.1

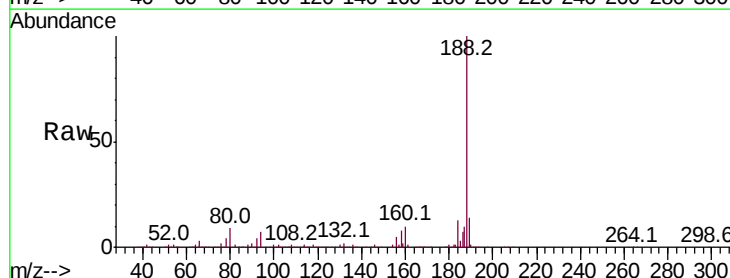


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

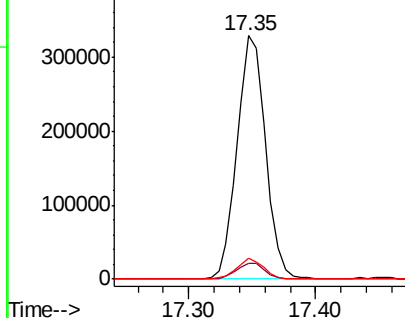
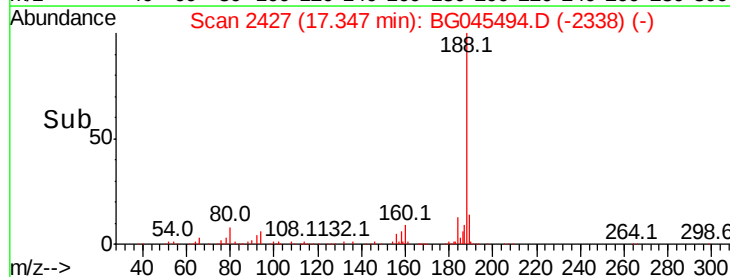


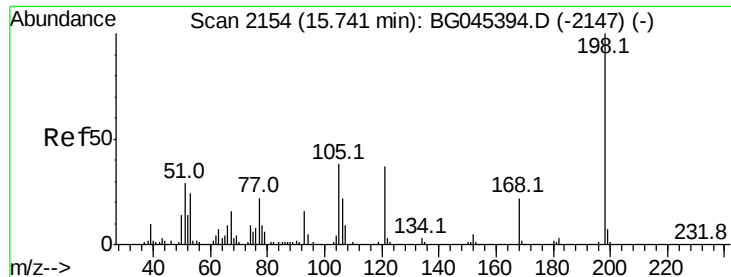
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:	188	Resp:	510424
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.5	8.3
80	8.5	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: 47.269 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

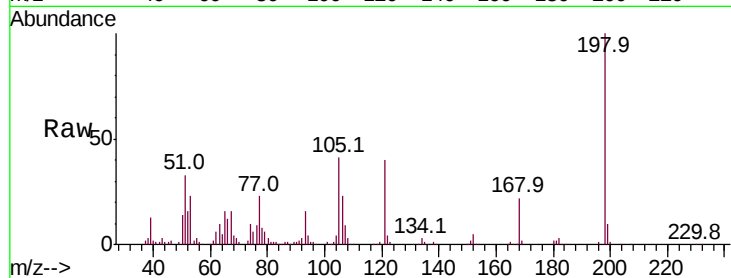
Tot Ion:198 Resp: 140516

Ion Ratio Lower Upper

198 100

51 32.8 10.0 50.0

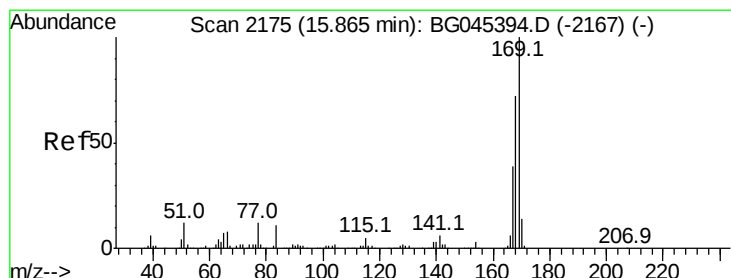
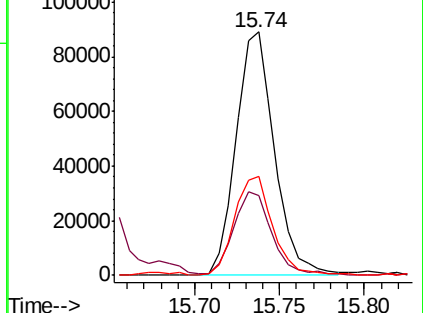
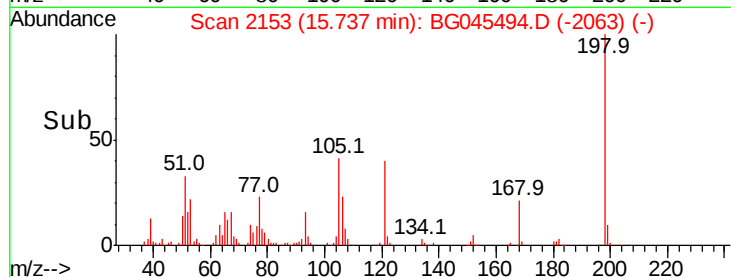
105 40.8 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.079 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

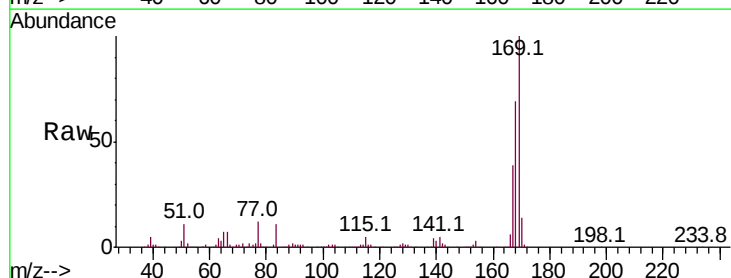
Tgt Ion:169 Resp: 576960

Ion Ratio Lower Upper

169 100

168 68.9 57.8 86.6

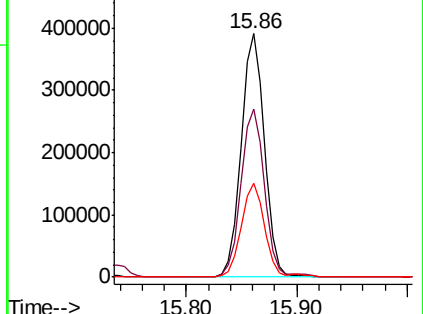
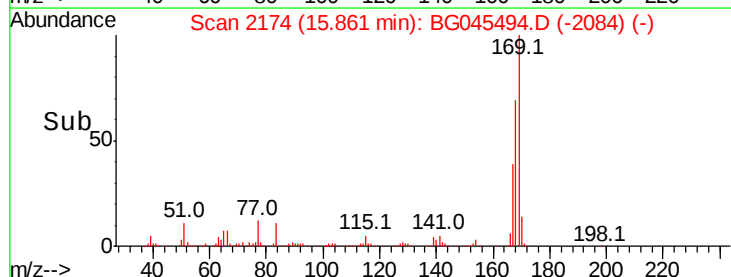
167 38.8 31.5 47.3

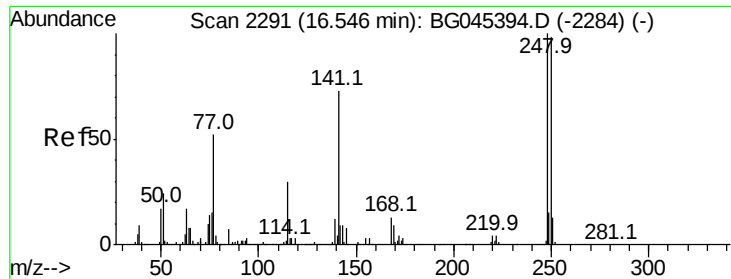


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

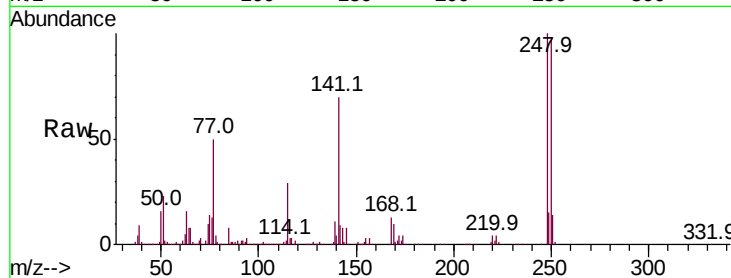




#67
4-Bromophenyl-phenylether
Concen: 46.064 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Instrument :
BNA_G
ClientSampleId :
PB129122BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.6	117.8
141	69.7	58.2	87.2

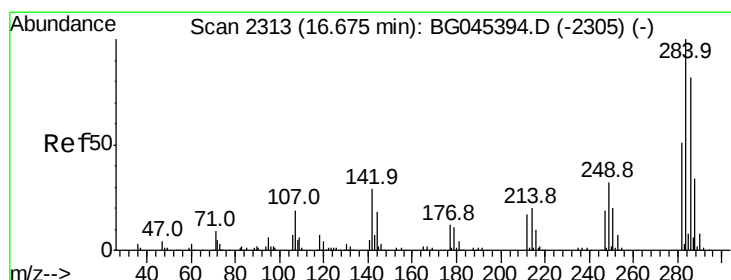
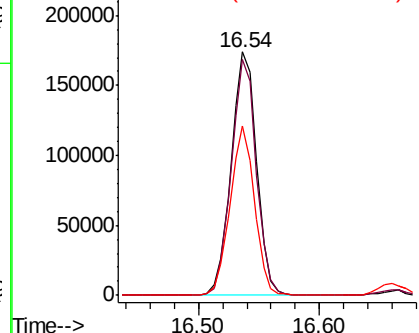
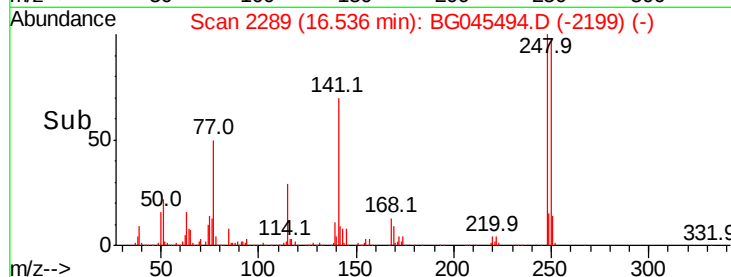


Abundance

Ion 248.00 (247.70 to 248.70): E

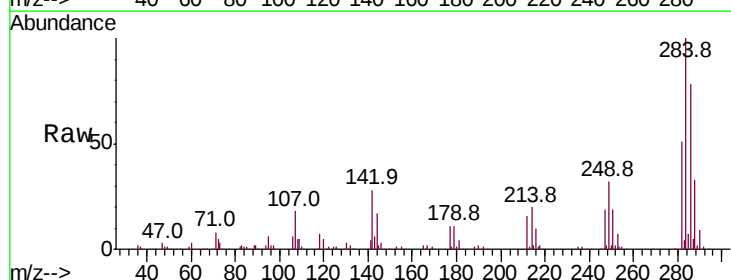
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.493 ng
RT: 16.67 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	23.0	34.6
249	32.0	25.8	38.6

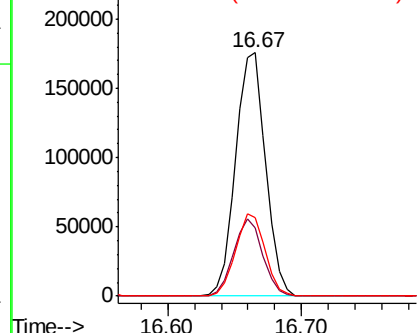
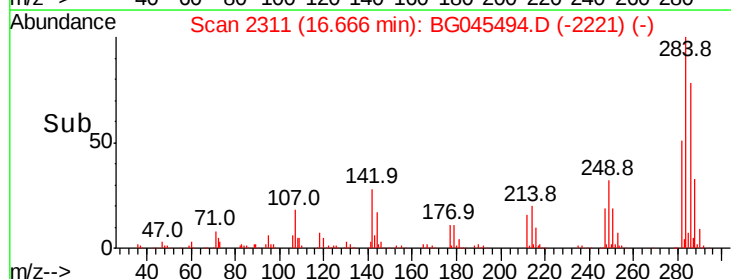


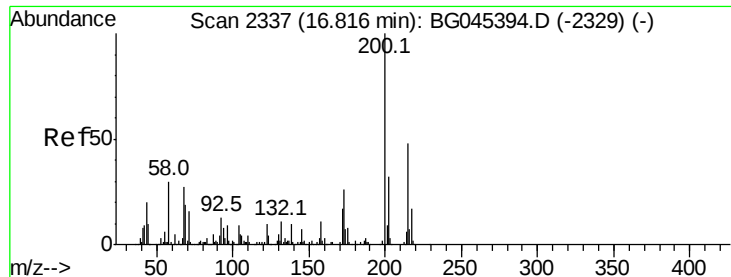
Abundance

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: 45.043 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

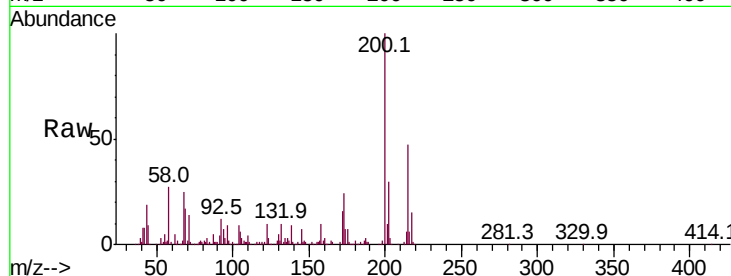
Tot Ion:200 Resp: 227370

Ion Ratio Lower Upper

200 100

173 24.3 5.5 45.5

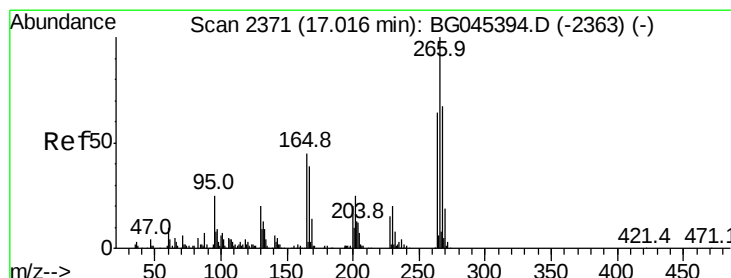
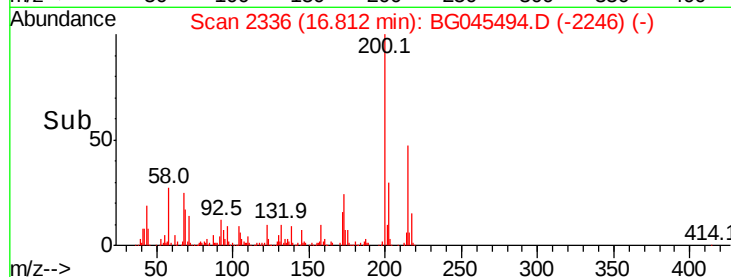
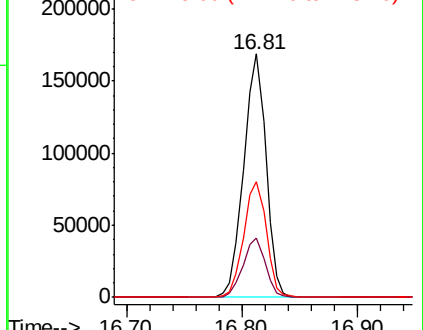
215 47.3 28.2 68.2



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



#70

Pentachlorophenol

Concen: 94.187 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

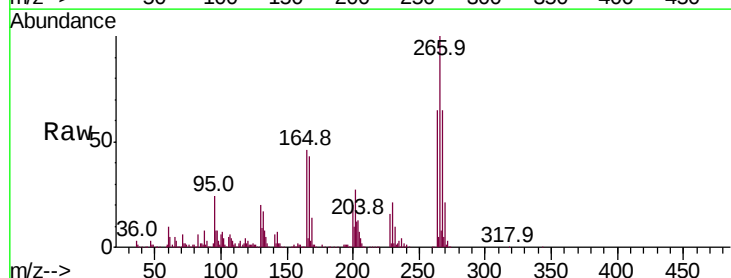
Tgt Ion:266 Resp: 282716

Ion Ratio Lower Upper

266 100

268 65.3 53.2 79.8

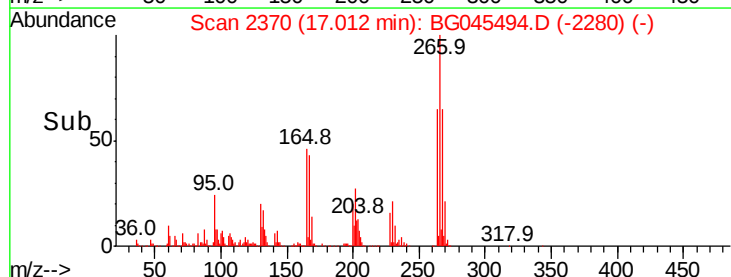
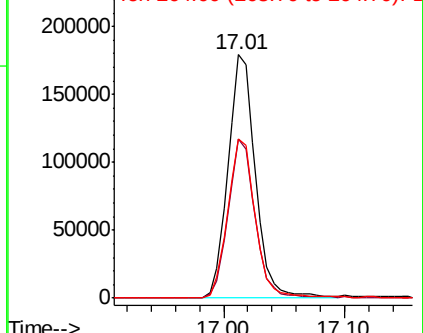
264 65.4 51.0 76.4

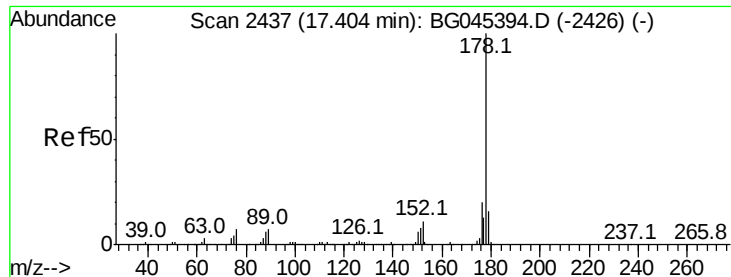


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

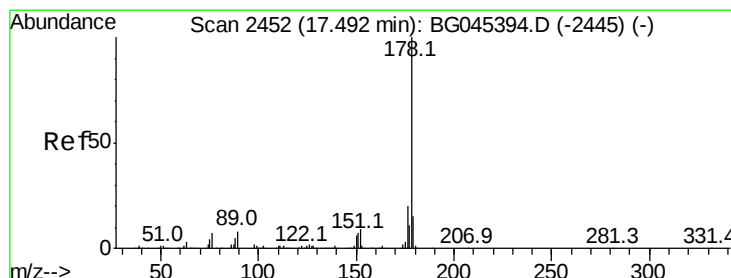
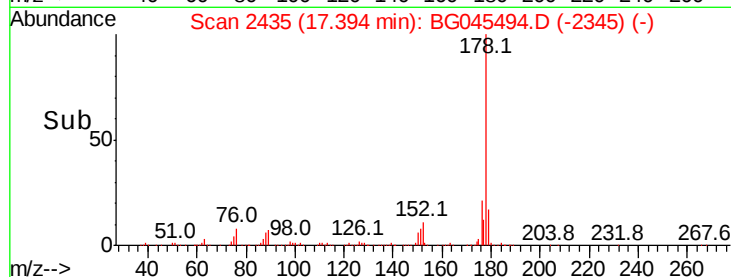
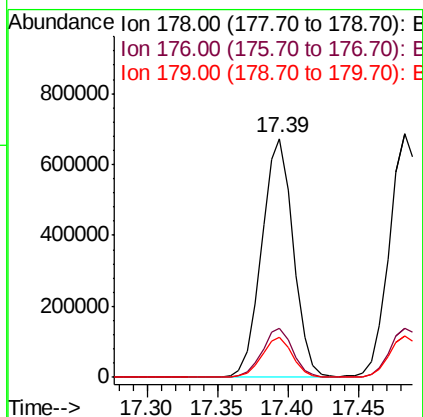
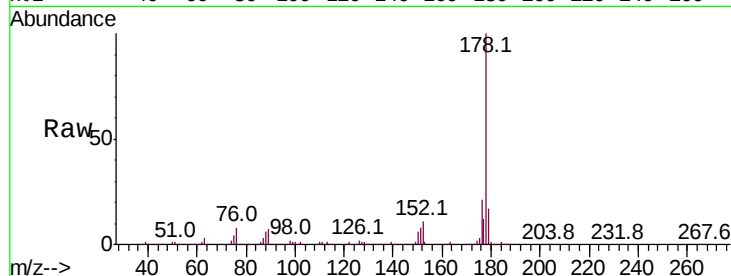




#71
Phenanthrene
Concen: 47.456 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

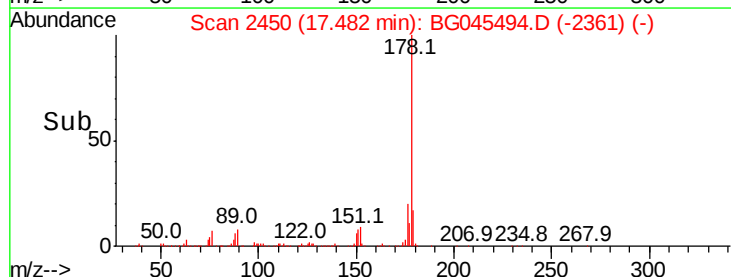
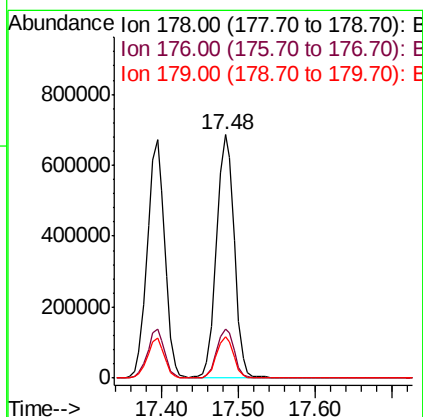
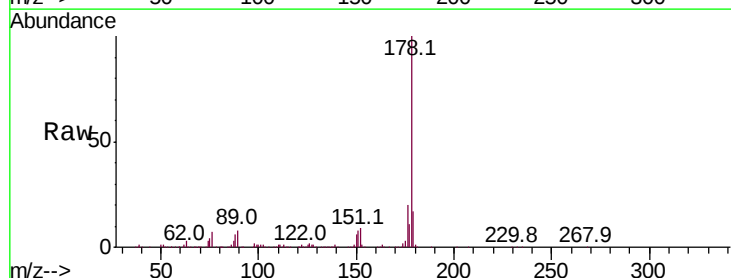
Instrument :
BNA_G
ClientSampleId :
PB129122BS

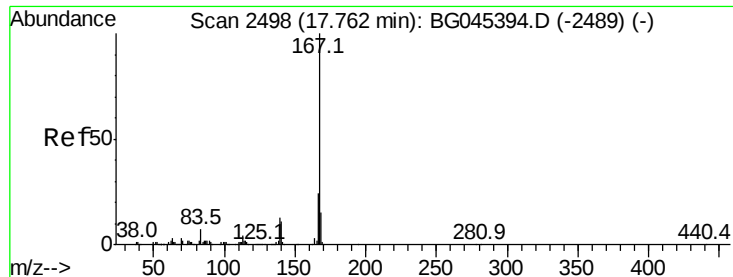
Tot Ion:178 Resp: 1057463
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 17.0 13.1 19.7



#72
Anthracene
Concen: 48.415 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:178 Resp: 1083395
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 16.9 12.2 18.4





#73

Carbazole

Concen: 45.372 ng

RT: 17.76 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

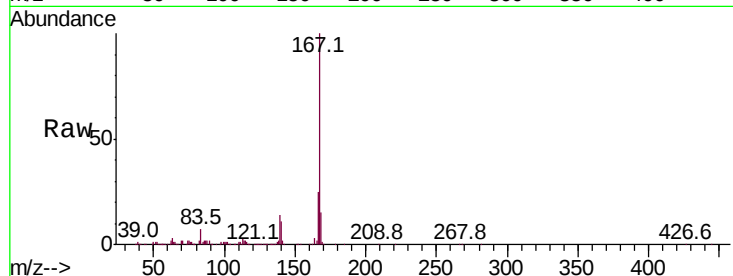
Tot Ion:167 Resp: 989663

Ion Ratio Lower Upper

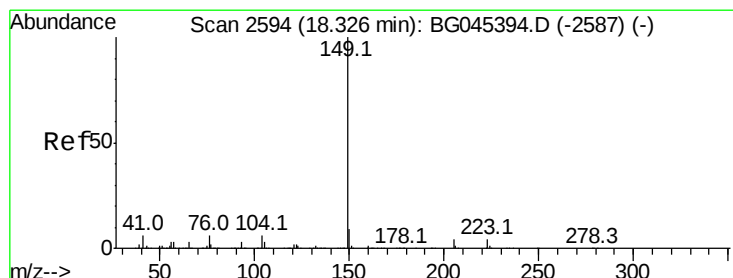
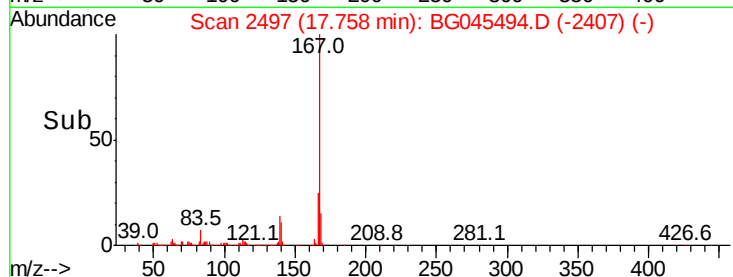
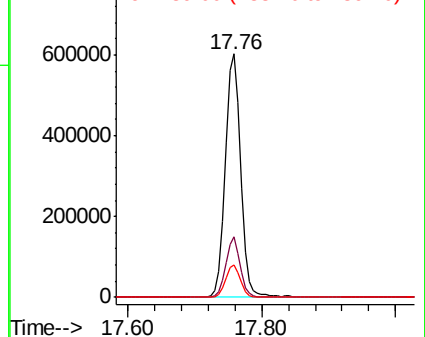
167 100

166 24.7 19.2 28.8

139 13.5 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: 44.778 ng

RT: 18.31 min Scan# 2591

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

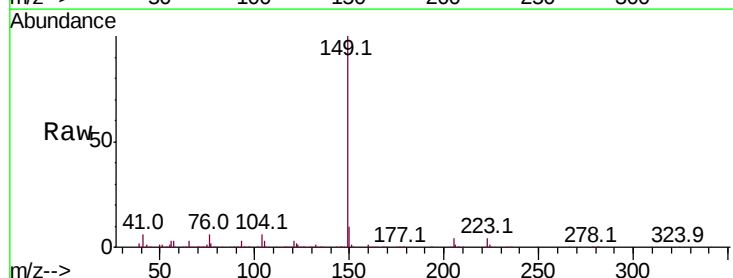
Tgt Ion:149 Resp: 1172312

Ion Ratio Lower Upper

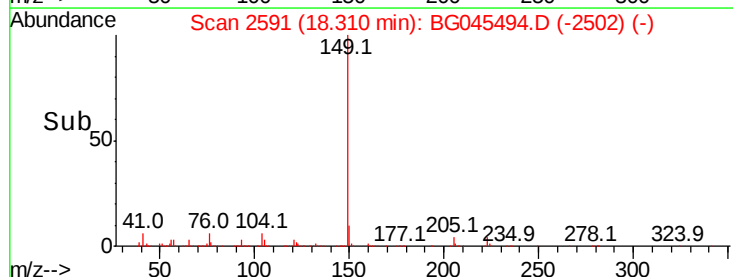
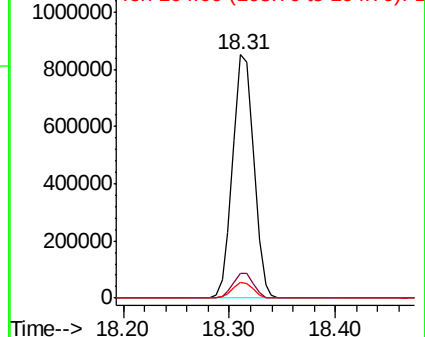
149 100

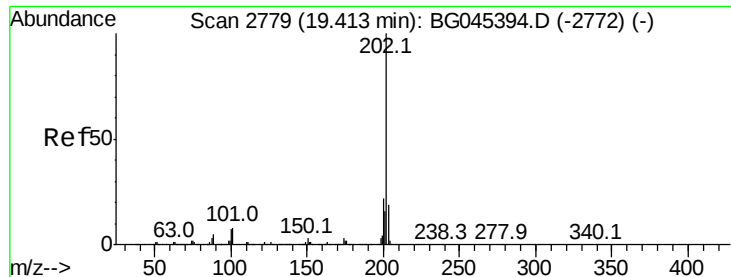
150 10.3 7.6 11.4

104 6.4 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



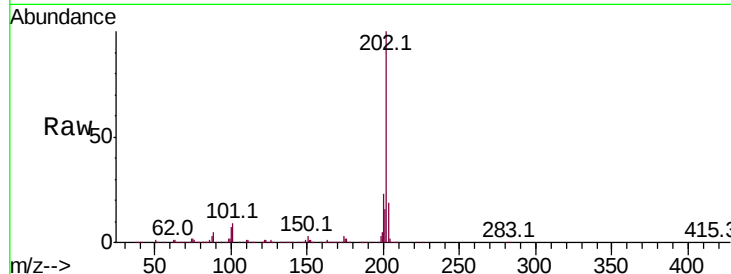


#75
 Fluoranthene
 Concen: 45.172 ng
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

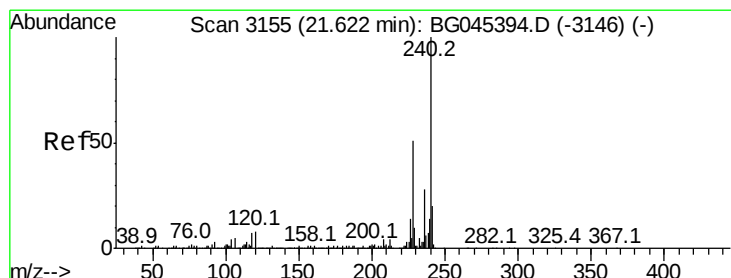
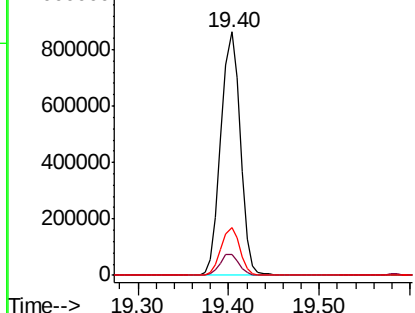
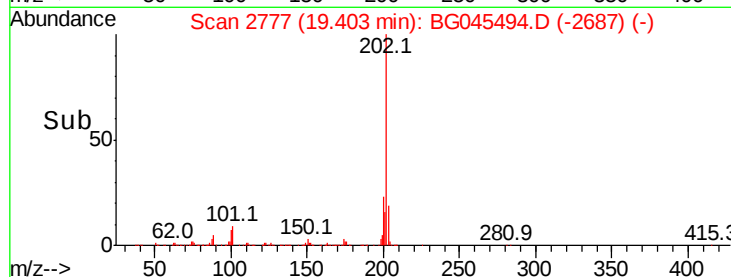
Instrument :
 BNA_G
 ClientSampleId :
 PB129122BS

Tot Ion:202 Resp: 1280274

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.3
203	19.4	0.0	39.0



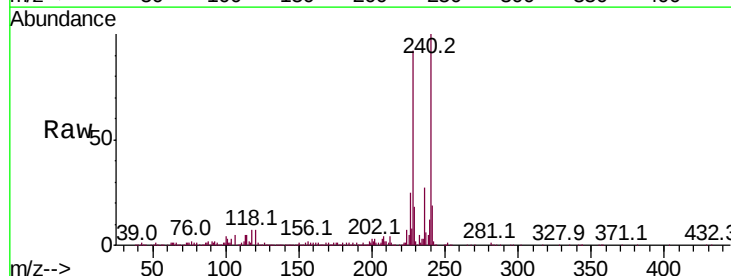
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



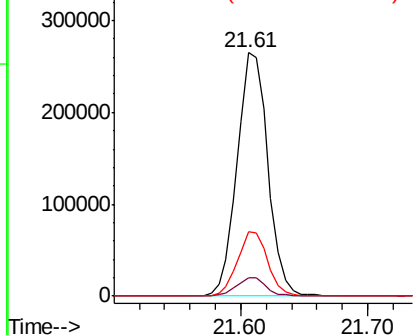
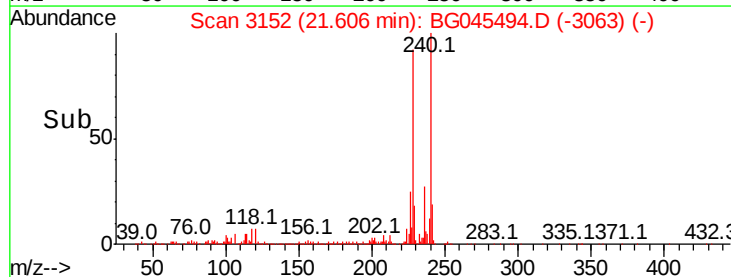
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG045494.D
 Acq: 28 May 2020 12:52

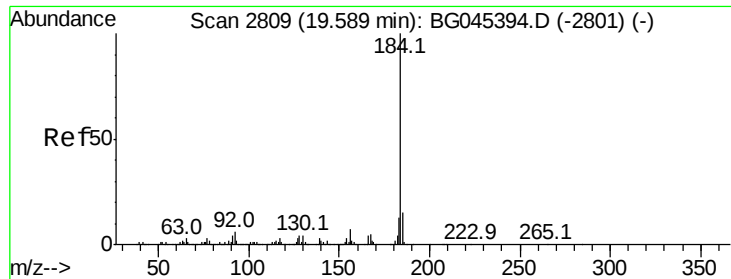
Tgt Ion:240 Resp: 446074

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.1	9.1
236	26.7	22.3	33.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.888 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

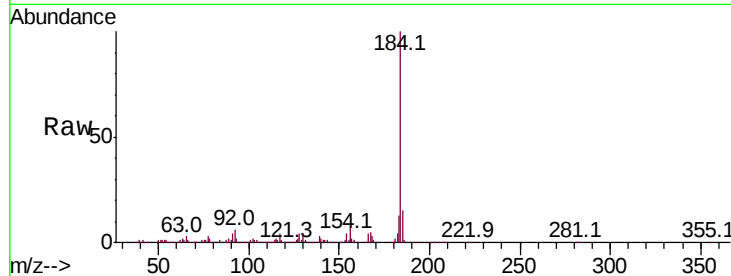
BNA_G

ClientSampleId :

PB129122BS

Tot Ion:184 Resp: 750290

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.7	17.5
183	12.6	10.2	15.4

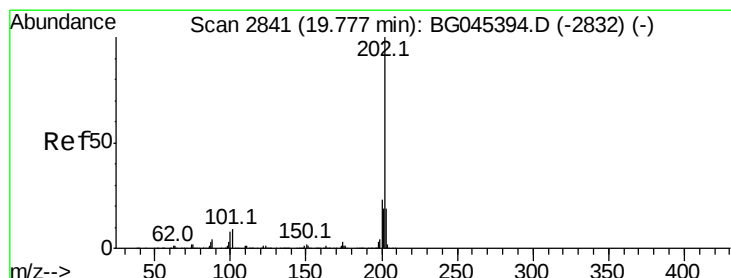
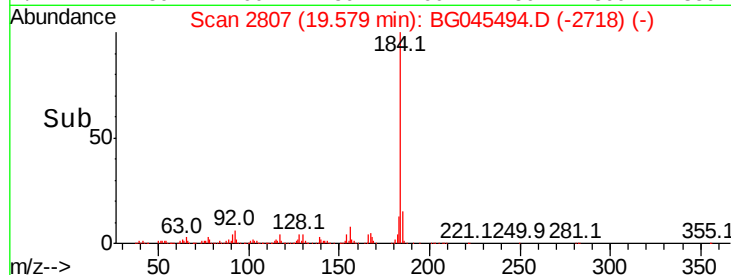
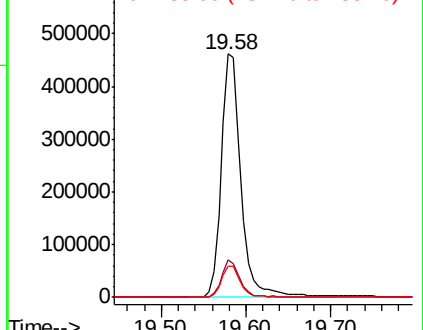


Abundance

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: 50.395 ng

RT: 19.76 min Scan# 2838

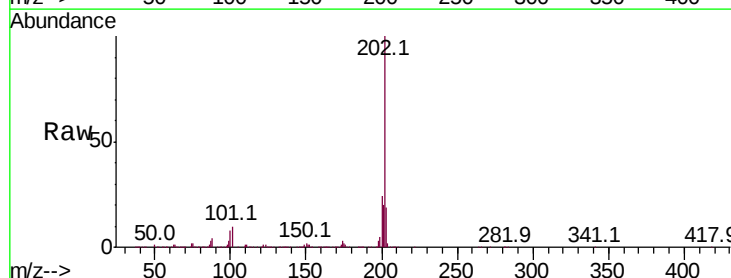
Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:202 Resp: 1281435

Ion	Ratio	Lower	Upper
202	100		
200	23.8	18.2	27.2
203	19.2	15.1	22.7

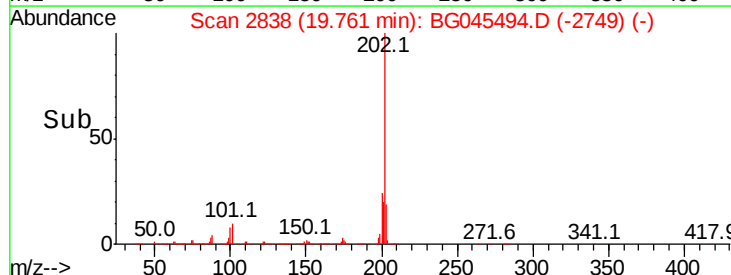
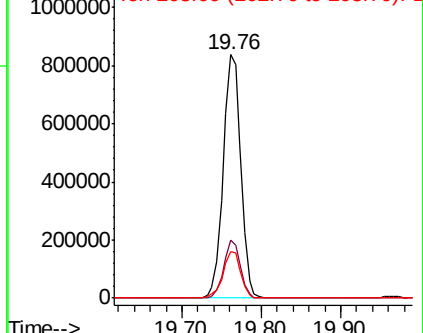


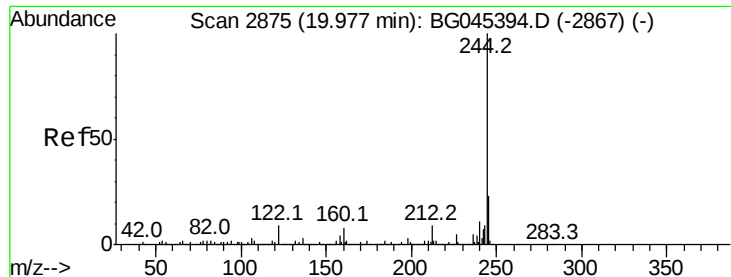
Abundance

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: 98.670 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

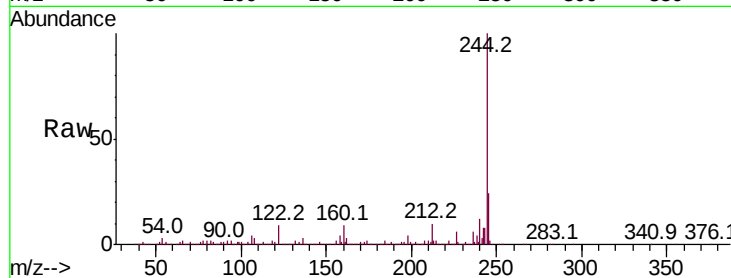
Tot Ion:244 Resp: 1887150

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

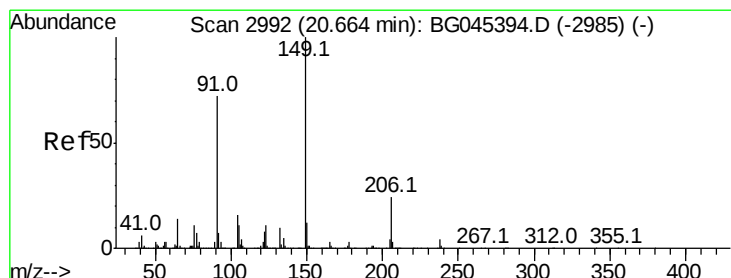
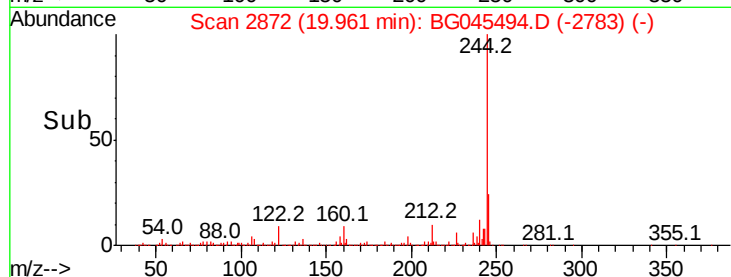
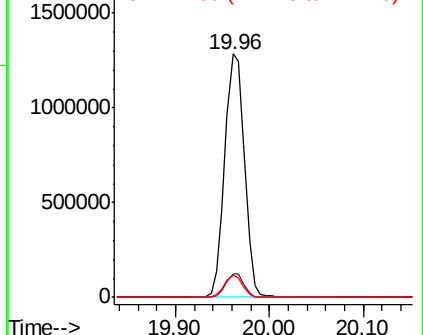
122 9.3 6.8 10.2



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: 46.113 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

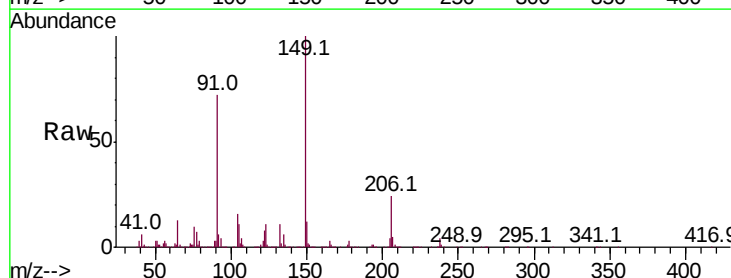
Tgt Ion:149 Resp: 506114

Ion Ratio Lower Upper

149 100

91 71.8 57.8 86.6

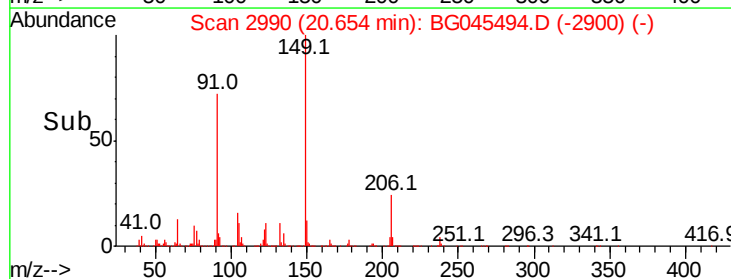
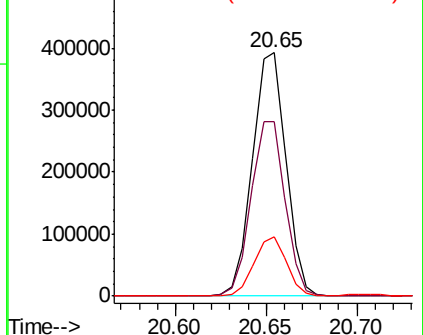
206 24.5 19.1 28.7

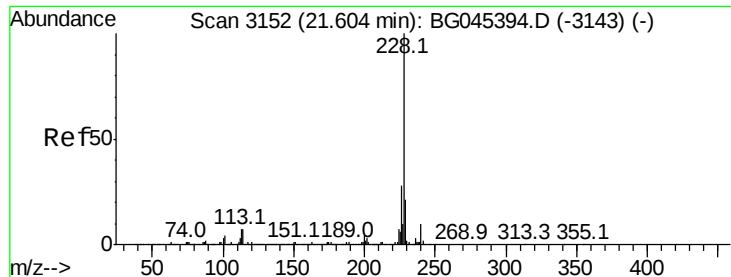


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.004 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

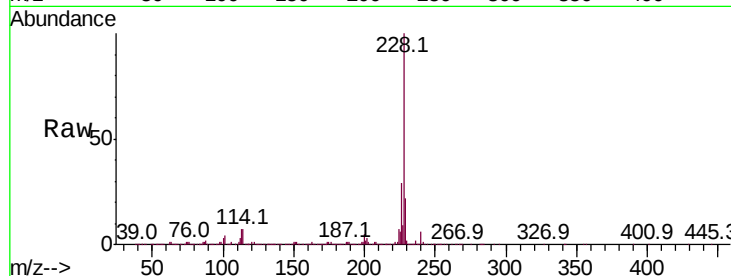
Tot Ion:228 Resp: 1217724

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.8	16.7	25.1

228 100

226 29.0 22.7 34.1

229 21.8 16.7 25.1

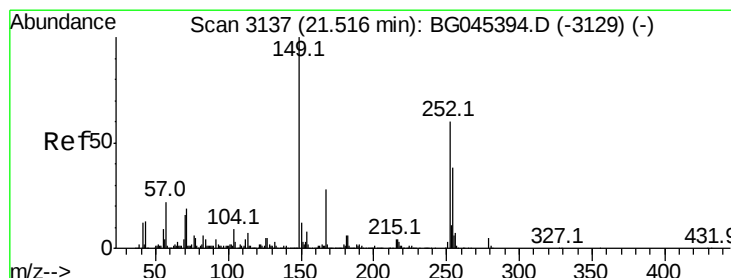
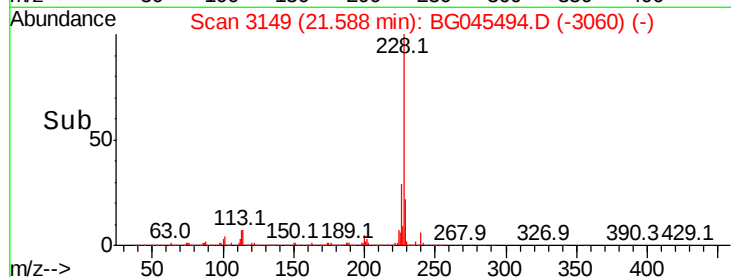
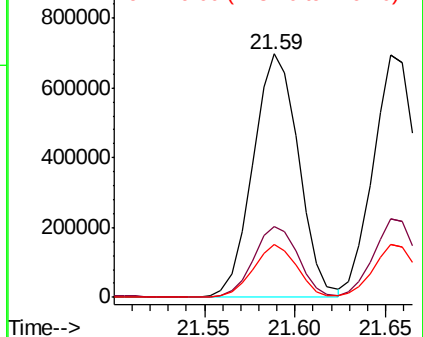


Abundance

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: 37.142 ng

RT: 21.51 min Scan# 3135

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

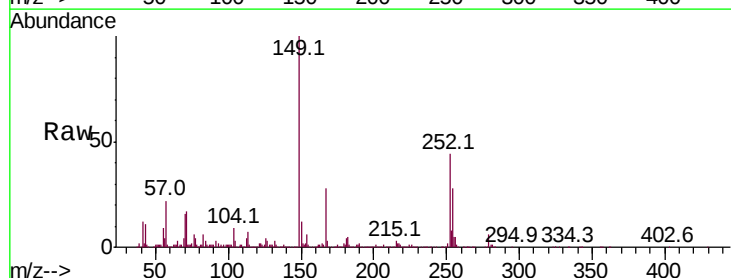
Tgt Ion:252 Resp: 362040

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	8.5	6.6	10.0

252 100

254 63.6 51.3 76.9

126 8.5 6.6 10.0

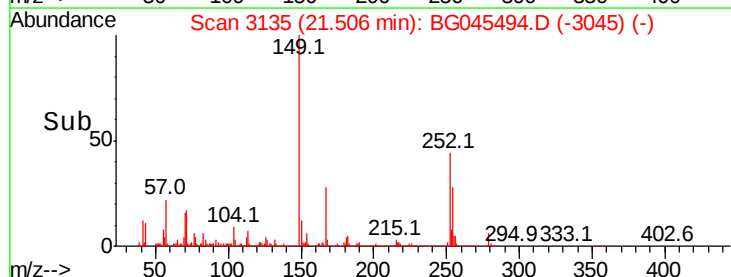
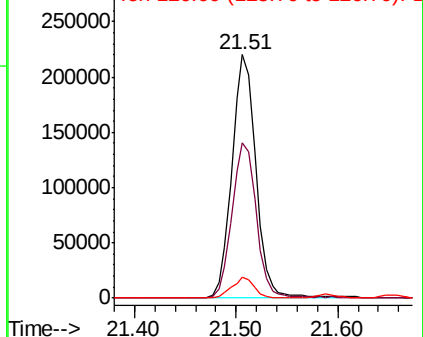


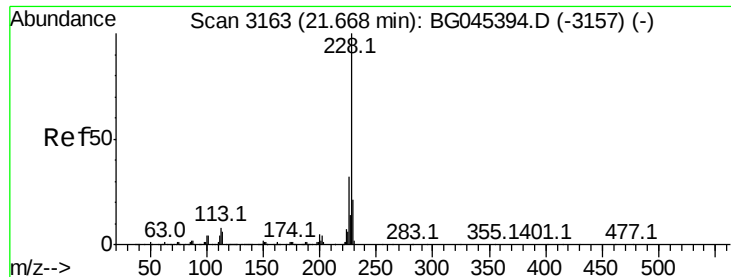
Abundance

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: 47.681 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

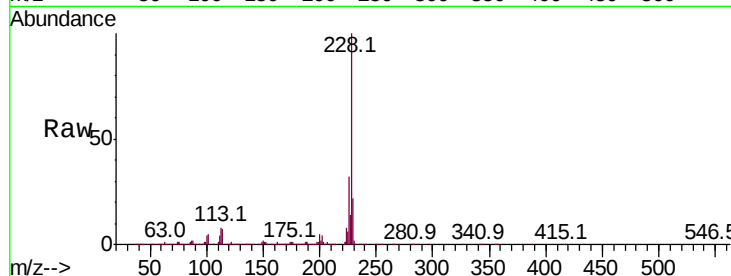
BNA_G

ClientSampleId :

PB129122BS

Tot Ion:228 Resp: 1139280

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.2	37.8
229	22.0	16.7	25.1

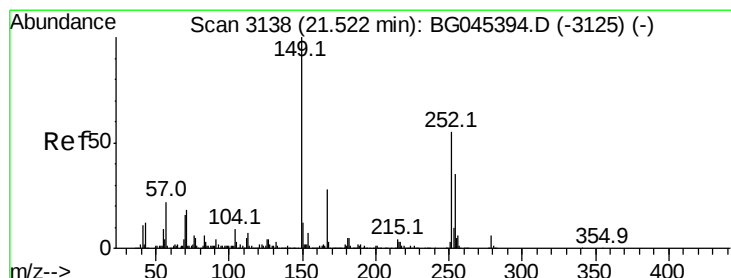
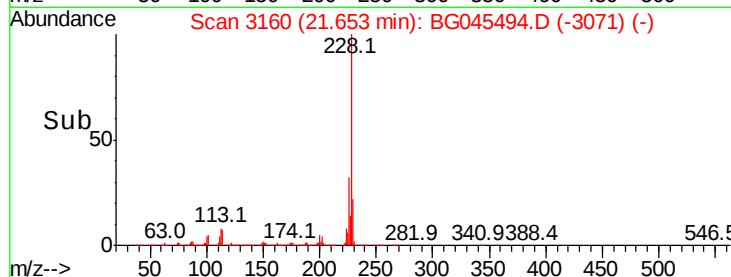
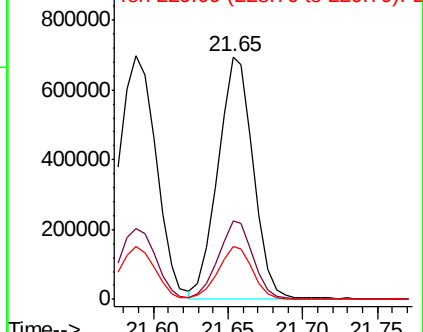


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.071 ng

RT: 21.51 min Scan# 3135

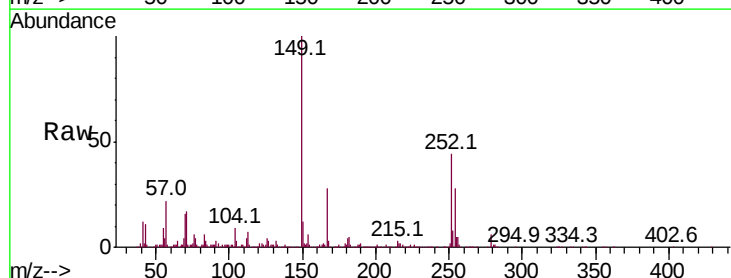
Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:149 Resp: 710177

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.2
279	5.7	4.7	7.1

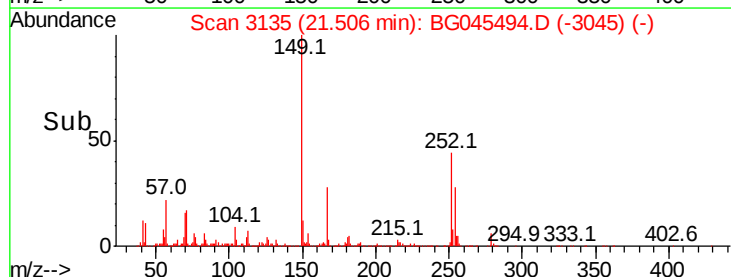
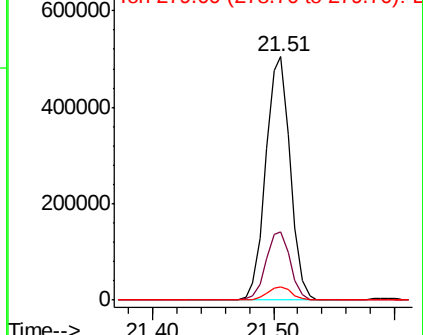


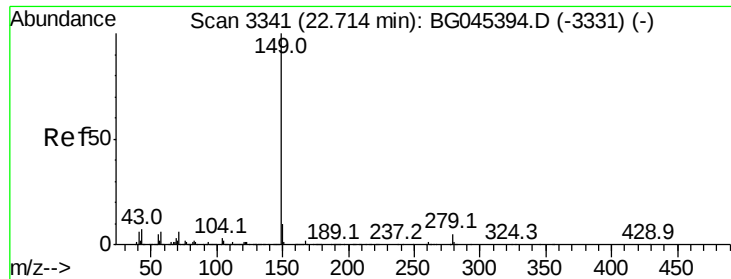
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

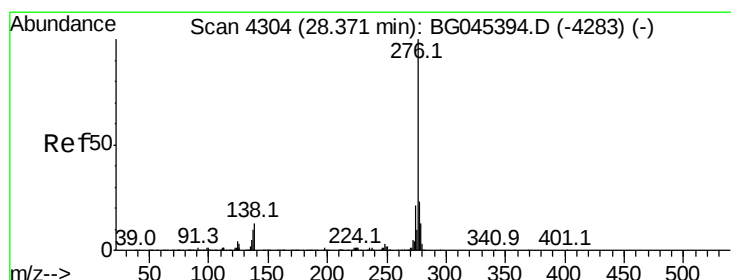
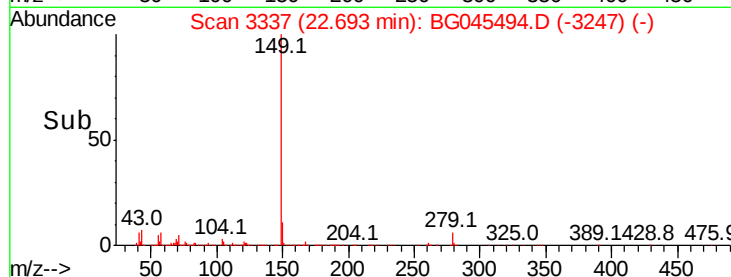
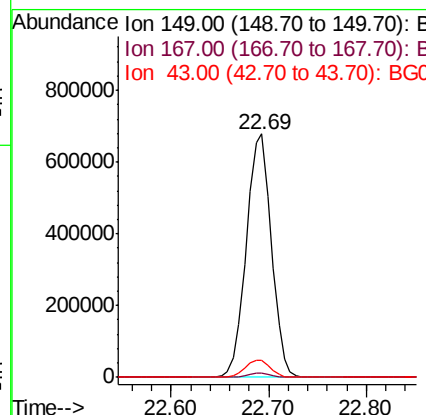
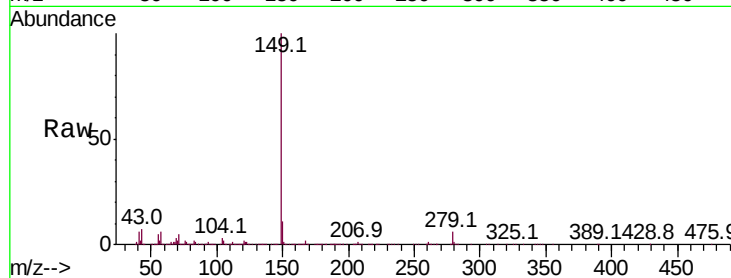




#85
Di-n-octyl phthalate
Concen: 46.404 ng
RT: 22.69 min Scan# 3337
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

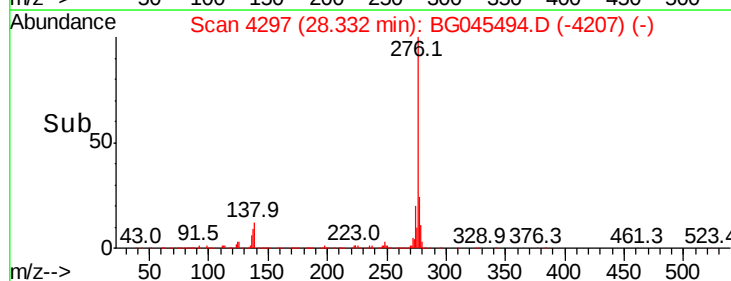
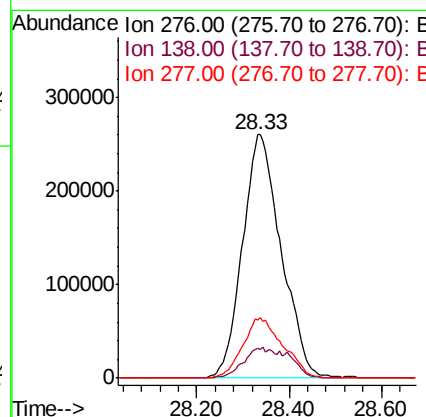
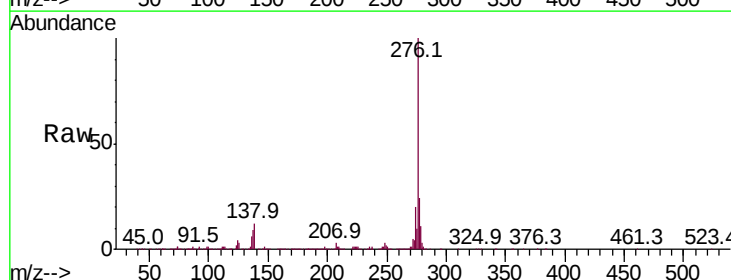
Instrument :
BNA_G
ClientSampleId :
PB129122BS

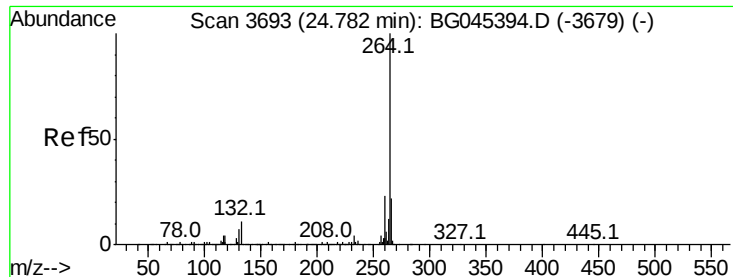
Tot Ion:149 Resp: 1202452
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 7.3 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.458 ng
RT: 28.33 min Scan# 4297
Delta R.T. 0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:276 Resp: 1514080
Ion Ratio Lower Upper
276 100
138 9.9 8.6 12.8
277 25.8 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

BNA_G

ClientSampleId :

PB129122BS

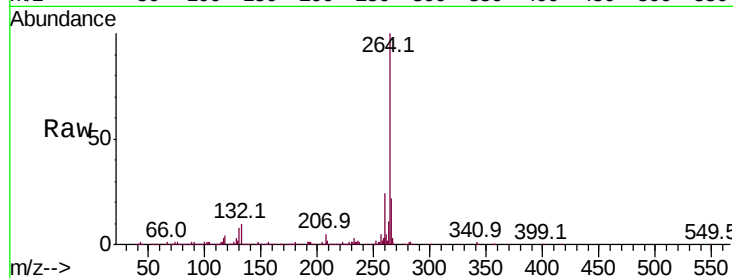
Tot Ion:264 Resp: 494368

Ion Ratio Lower Upper

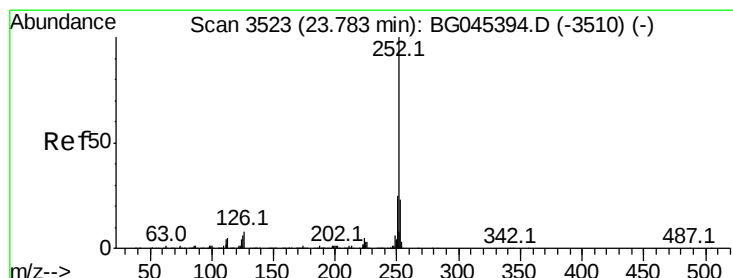
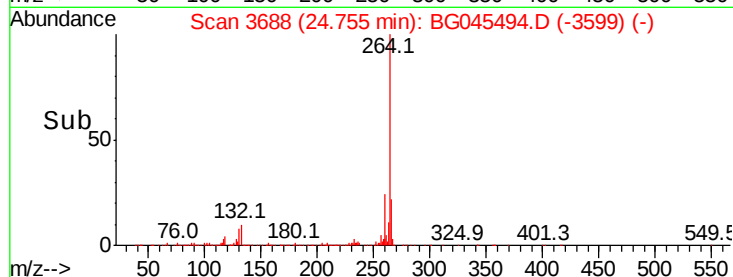
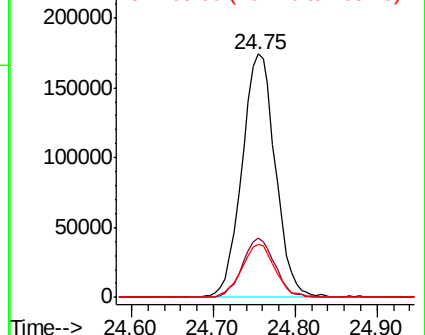
264 100

260 24.3 18.2 27.4

265 21.7 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: 48.784 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

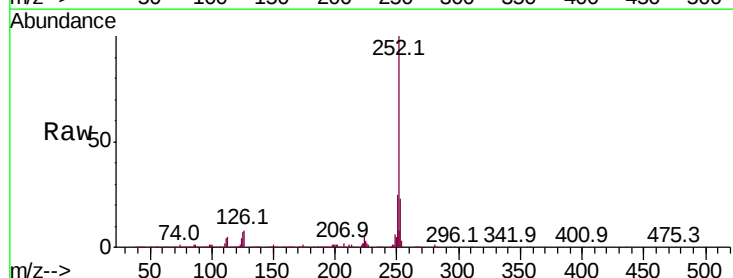
Tgt Ion:252 Resp: 1293425

Ion Ratio Lower Upper

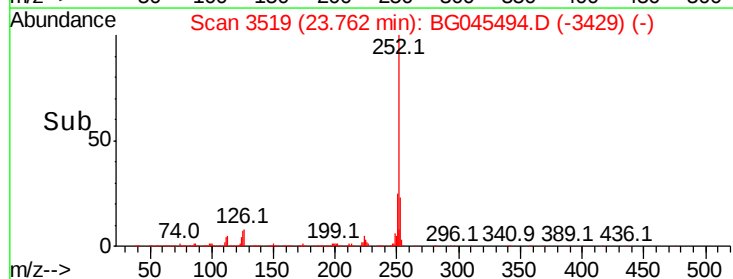
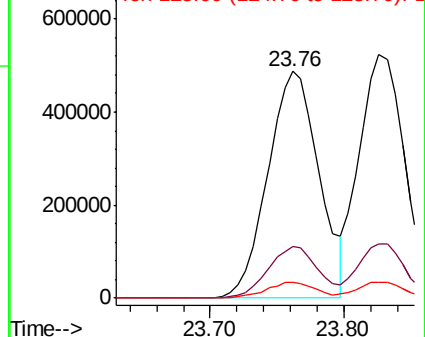
252 100

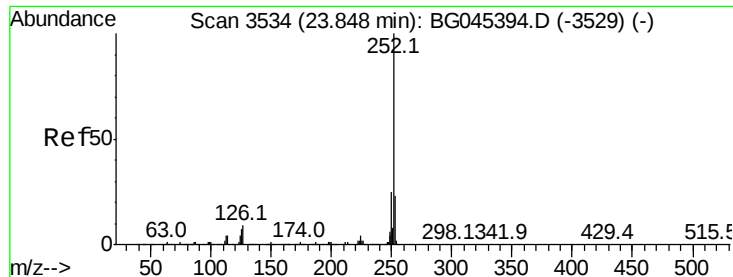
253 22.9 18.1 27.1

125 6.9 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

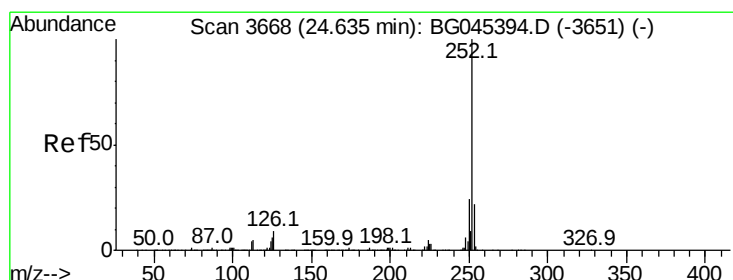
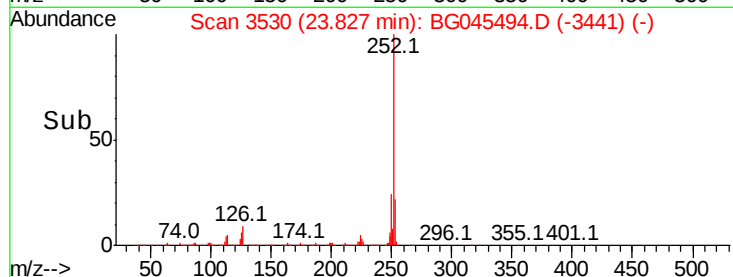
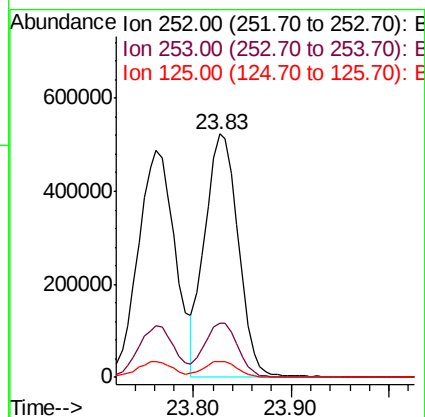
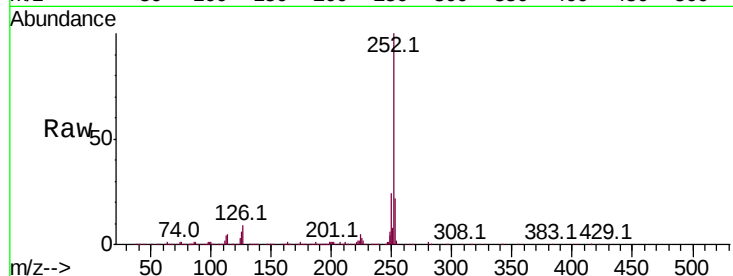




#89
Benzo(k)fluoranthene
Concen: 49.674 ng
RT: 23.83 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

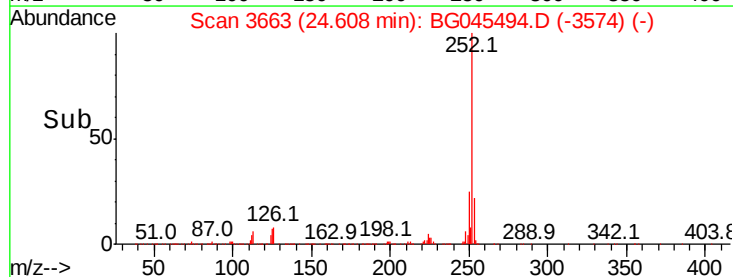
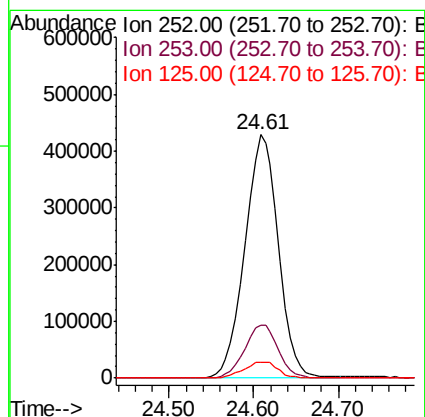
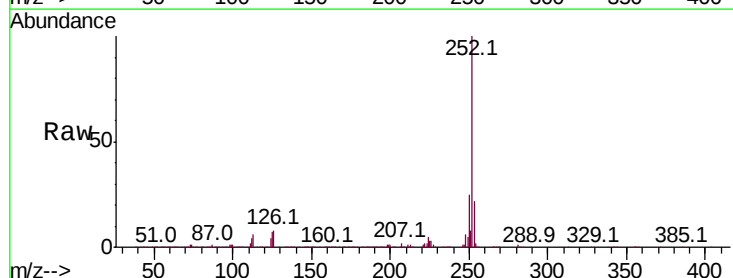
Instrument :
BNA_G
ClientSampleId :
PB129122BS

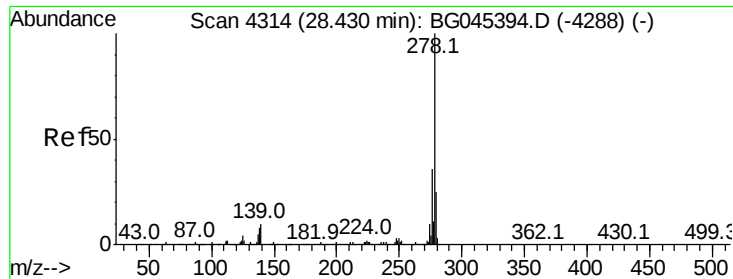
Tot Ion:252 Resp: 1237330
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 6.3 5.7 8.5



#90
Benzo(a)pyrene
Concen: 47.783 ng
RT: 24.61 min Scan# 3663
Delta R.T. -0.00 min
Lab File: BG045494.D
Acq: 28 May 2020 12:52

Tgt Ion:252 Resp: 1179905
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 6.7 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 49.992 ng

RT: 28.40 min Scan# 4308

Delta R.T. 0.01 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Instrument :

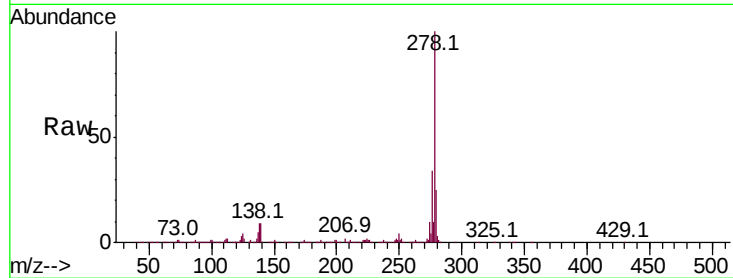
BNA_G

ClientSampleId :

PB129122BS

Tot Ion:278 Resp: 1240481

Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.8	11.8
279	24.9	19.8	29.8

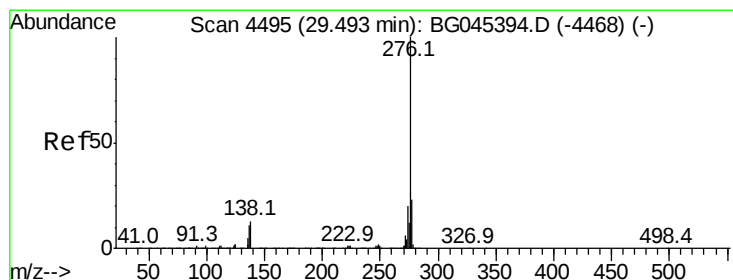
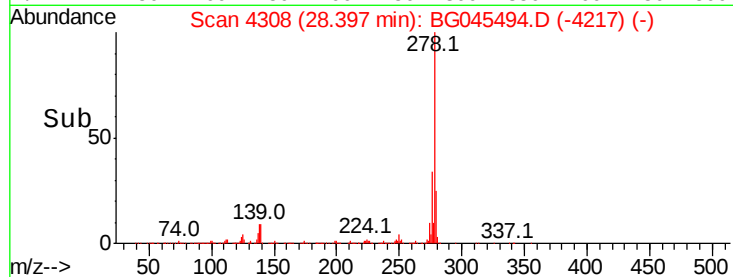
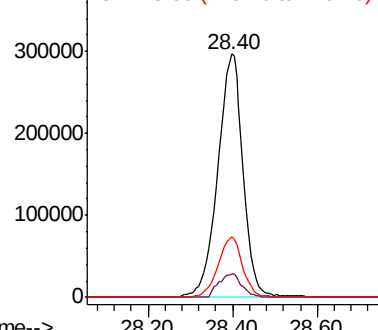


Abundance

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: 50.289 ng

RT: 29.46 min Scan# 4489

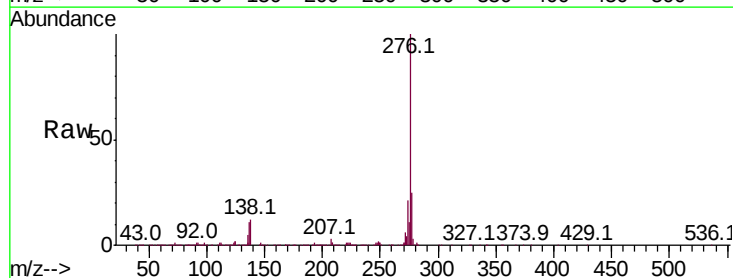
Delta R.T. 0.01 min

Lab File: BG045494.D

Acq: 28 May 2020 12:52

Tgt Ion:276 Resp: 1248015

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.1	27.1
138	11.7	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

