

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG045999.D
 Acq On : 10 Jul 2020 9:39
 Operator : CG/JU
 Sample : PB130037BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

Quant Time: Jul 10 11:01:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	157339	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	641374	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	385348	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	791409	20.00	ng	0.00
76) Chrysene-d12	21.63	240	668432	20.00	ng	0.00
86) Perylene-d12	24.79	264	692189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1462773	150.77	ng	0.00
7) Phenol-d6	7.17	99	1942929	139.09	ng	0.00
23) Nitrobenzene-d5	9.16	82	1254026	112.54	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	527593	147.52	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2254159	91.24	ng	0.00
79) Terphenyl-d14	19.99	244	2835193	94.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	173694	38.804	ng	98
3) Pyridine	3.89	79	510440	37.713	ng	100
4) n-Nitrosodimethylamine	3.81	42	225557	49.284	ng	# 93
6) Aniline	7.33	93	738117	41.306	ng	99
8) 2-Chlorophenol	7.57	128	494224	47.320	ng	98
9) Benzaldehyde	7.14	77	333544	37.688	ng	97
10) Phenol	7.19	94	659534	47.069	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	506529	43.716	ng	98
12) 1,3-Dichlorobenzene	7.90	146	518222	43.047	ng	99
13) 1,4-Dichlorobenzene	8.04	146	515505	43.530	ng	97
14) 1,2-Dichlorobenzene	8.36	146	483561	42.426	ng	99
15) Benzyl Alcohol	8.24	79	475958	43.456	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	652002	43.128	ng	98
17) 2-Methylphenol	8.44	107	443362	42.169	ng	98
18) Hexachloroethane	9.09	117	198583	43.581	ng	91
19) n-Nitroso-di-n-propylamine	8.81	70	433639	44.190	ng	99
20) 3+4-Methylphenols	8.77	107	604777	42.205	ng	99
22) Acetophenone	8.82	105	713270	41.628	ng	98
24) Nitrobenzene	9.20	77	602505	48.988	ng	99
25) Isophorone	9.73	82	1135909	41.757	ng	99
26) 2-Nitrophenol	9.91	139	217448	54.243	ng	99
27) 2,4-Dimethylphenol	9.97	122	428559	44.260	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	663756	43.452	ng	99
29) 2,4-Dichlorophenol	10.45	162	442470	44.143	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	456337	41.089	ng	98
31) Naphthalene	10.85	128	1431379	41.631	ng	99
32) Benzoic acid	10.12	122	269195	45.858	ng	94
33) 4-Chloroaniline	10.95	127	458153	29.819	ng	99
34) Hexachlorobutadiene	11.15	225	257881	39.768	ng	99
35) Caprolactam	11.72	113	77490	20.362	ng	94
36) 4-Chloro-3-methylphenol	12.08	107	516424	45.236	ng	99
37) 2-Methylnaphthalene	12.46	142	1034345	42.319	ng	99
38) 1-Methylnaphthalene	12.68	142	996003	43.180	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	452928	41.696	ng	99

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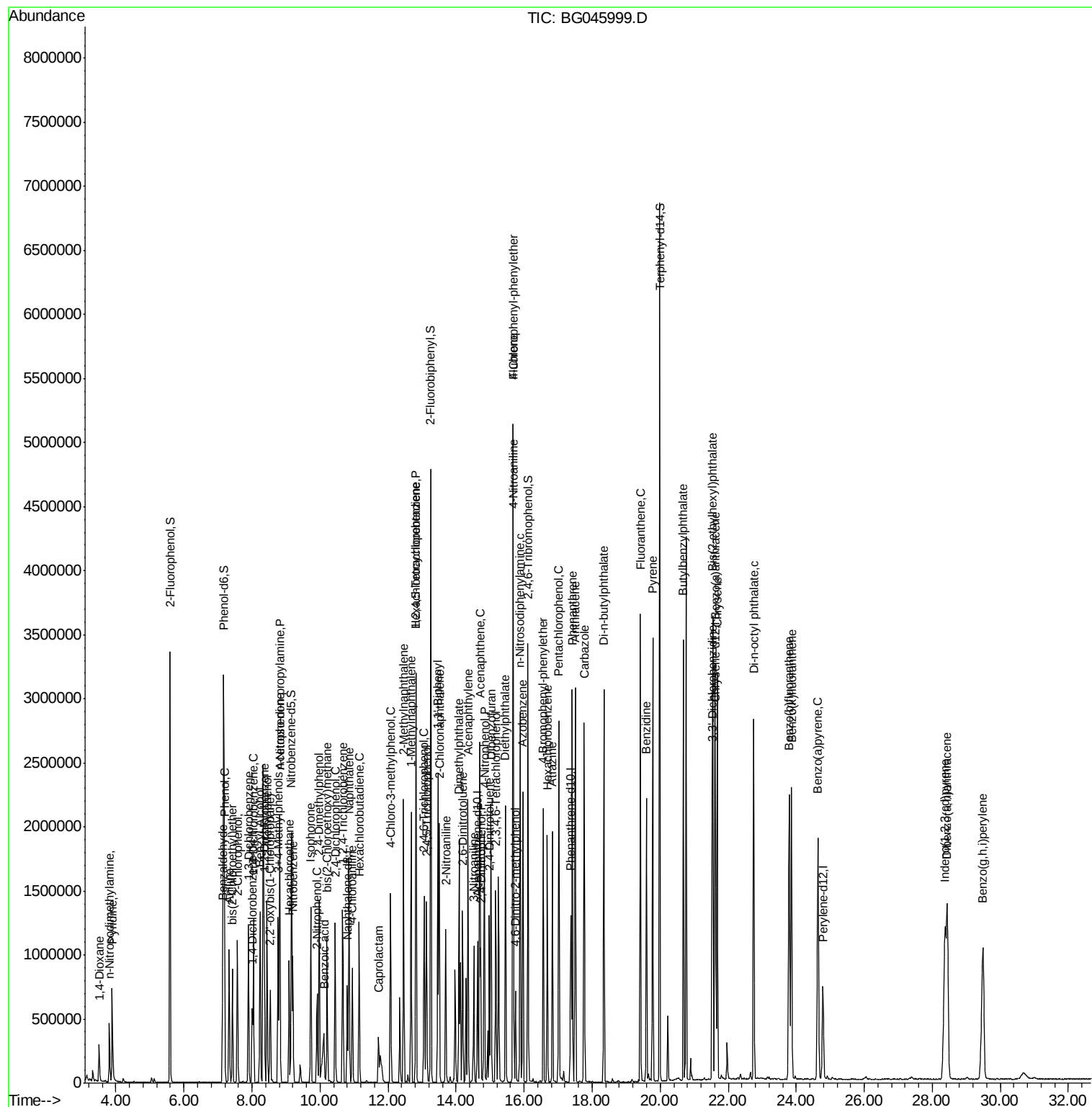
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	537484	83.389	ng	96
43) 2,4,6-Trichlorophenol	13.06	196	328422	44.705	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	357752	43.070	ng	99
46) 1,1'-Biphenyl	13.47	154	1241480	42.827	ng	99
47) 2-Chloronaphthalene	13.50	162	939306	41.068	ng	98
48) 2-Nitroaniline	13.70	65	344393	53.310	ng	100
49) Acenaphthylene	14.35	152	1539071	41.707	ng	99
50) Dimethylphthalate	14.09	163	1204243	41.641	ng	99
51) 2,6-Dinitrotoluene	14.19	165	267692	51.494	ng	99
52) Acenaphthene	14.70	154	1053251	45.250	ng	98
53) 3-Nitroaniline	14.52	138	258025	41.111	ng	# 94
54) 2,4-Dinitrophenol	14.73	184	195795	99.567	ng	# 87
55) Dibenzofuran	15.03	168	1421770	41.670	ng	99
56) 4-Nitrophenol	14.83	139	501373	106.413	ng	98
57) 2,4-Dinitrotoluene	14.98	165	361688	53.952	ng	94
58) Fluorene	15.68	166	1168112	41.733	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	292989	45.686	ng	99
60) Diethylphthalate	15.45	149	1240461	40.901	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	555243	39.874	ng	97
62) 4-Nitroaniline	15.69	138	304539	50.951	ng	94
63) Azobenzene	15.96	77	1408667	43.275	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	142317	51.629	ng	96
66) n-Nitrosodiphenylamine	15.88	169	1039252	42.376	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	356152	40.294	ng	97
68) Hexachlorobenzene	16.68	284	376920	42.495	ng	97
69) Atrazine	16.83	200	340095	46.904	ng	96
70) Pentachlorophenol	17.02	266	463072	93.902	ng	99
71) Phenanthrene	17.42	178	1767984	42.256	ng	97
72) Anthracene	17.50	178	1797817	42.341	ng	98
73) Carbazole	17.77	167	1723907	40.505	ng	99
74) Di-n-butylphthalate	18.34	149	2040103	39.668	ng	99
75) Fluoranthene	19.42	202	2033254	42.038	ng	97
77) Benzidine	19.60	184	1166915	61.056	ng	98
78) Pyrene	19.78	202	2001437	43.865	ng	98
80) Butylbenzylphthalate	20.68	149	958794	44.468	ng	99
81) Benzo(a)anthracene	21.61	228	1847536	42.036	ng	98
82) 3,3'-Dichlorobenzidine	21.53	252	635942	39.157	ng	97
83) Chrysene	21.67	228	1767243	42.206	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1335316	42.664	ng	100
85) Di-n-octyl phthalate	22.75	149	2315990	42.640	ng	99
87) Indeno(1,2,3-cd)pyrene	28.37	276	2383596	47.071	ng	99
88) Benzo(b)fluoranthene	23.79	252	2042760	46.489	ng	98
89) Benzo(k)fluoranthene	23.86	252	1908673	45.938	ng	98
90) Benzo(a)pyrene	24.64	252	1865566	45.150	ng	99
91) Dibenzo(a,h)anthracene	28.44	278	1907870	46.712	ng	97
92) Benzo(g,h,i)perylene	29.48	276	1912235	46.524	ng	99

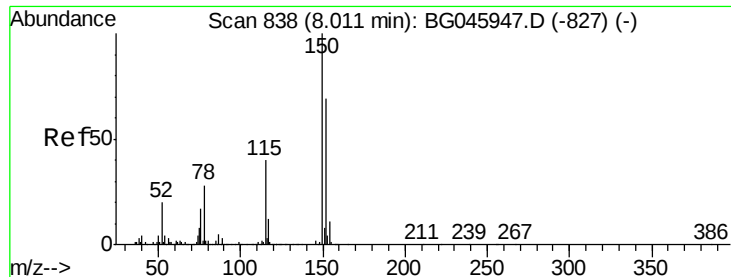
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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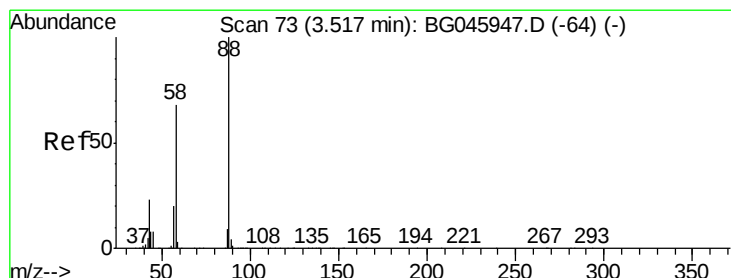
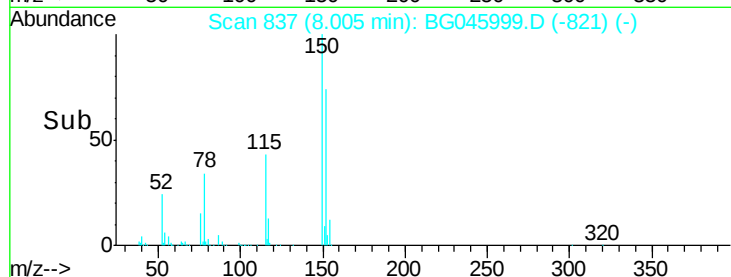
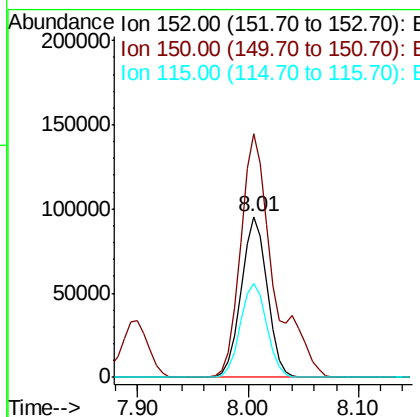
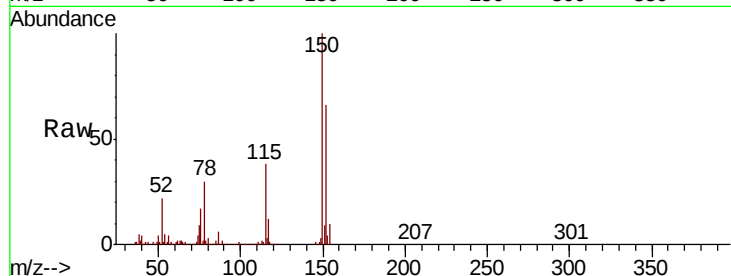


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Instrument :
BNA_G
ClientSampleId :
PB130037BS

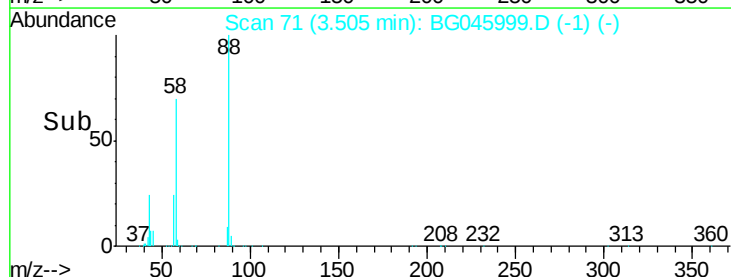
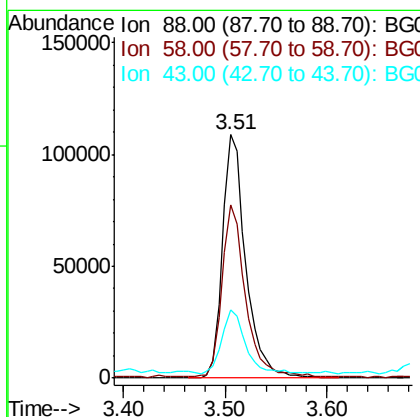
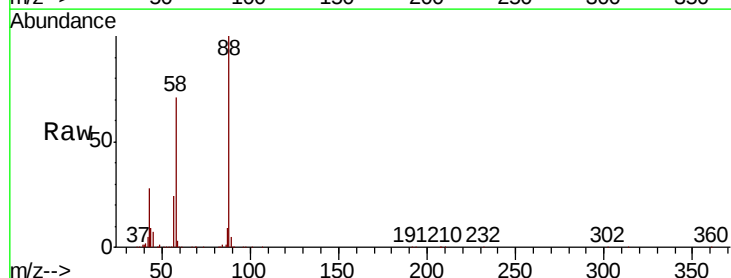
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	116.7	175.1
115	58.0	47.4	71.0

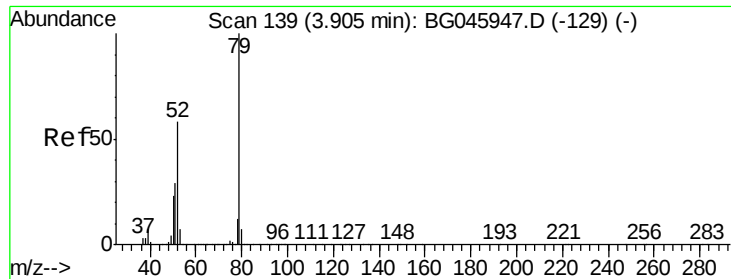


#2

1,4-Dioxane
Concen: 38.804 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	55.2	82.8
43	25.9	19.4	29.0

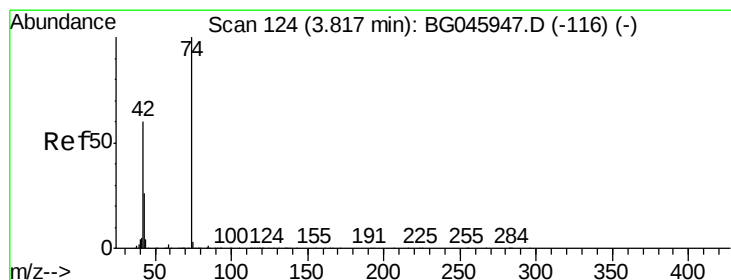
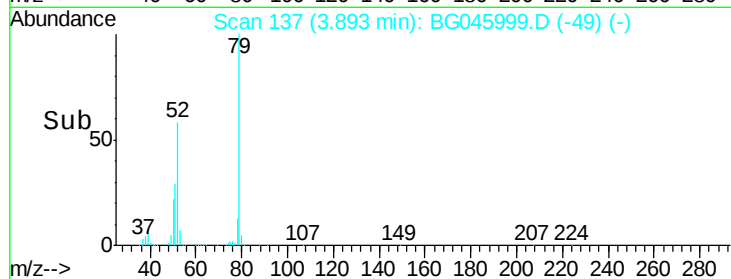
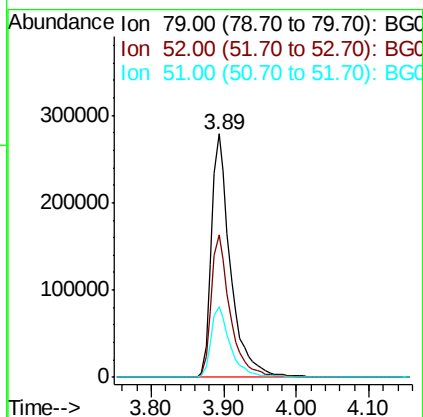
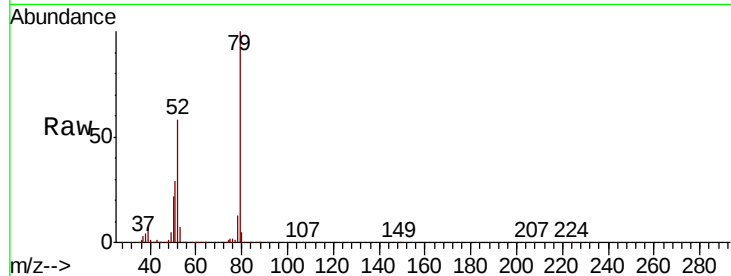




#3
 Pvridine
 Concen: 37.713 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

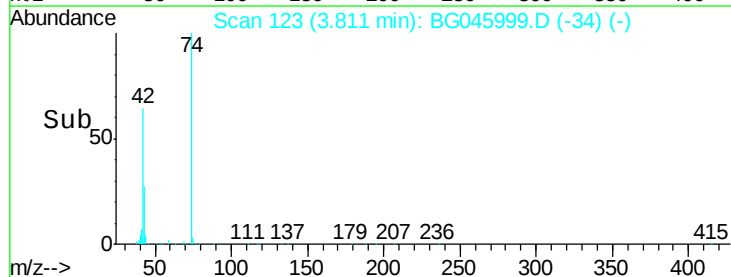
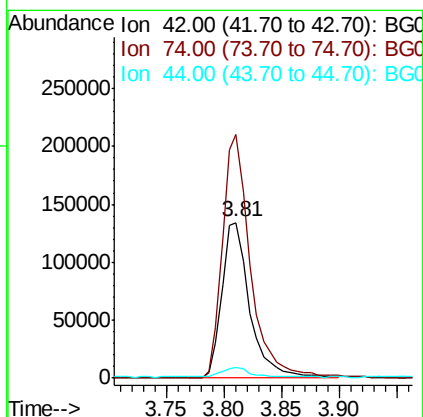
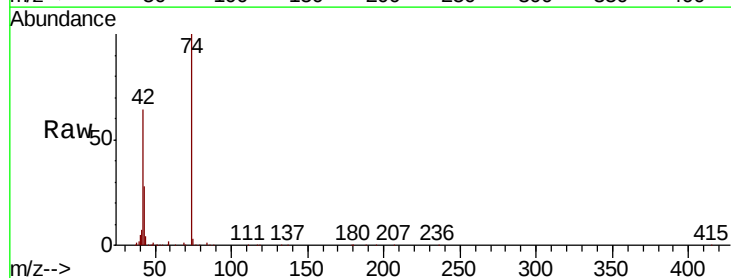
Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

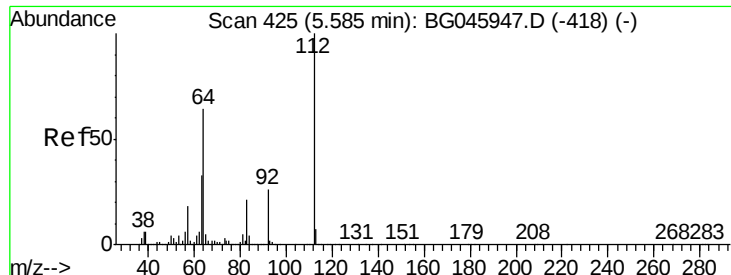
Tot Ion	Ratio	Lower	Upper
79	100		
52	58.4	46.5	69.7
51	29.2	23.5	35.3



#4
 n-Nitrosodimethylamine
 Concen: 49.284 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.2	131.9	197.9
44	6.7	7.7	11.5





#5

2-Fluorophenol

Concen: 150.766 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

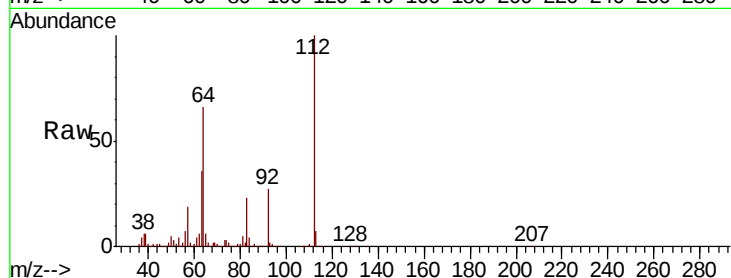
Tot Ion:112 Resp: 1462773

Ion Ratio Lower Upper

112 100

64 66.0 51.4 77.2

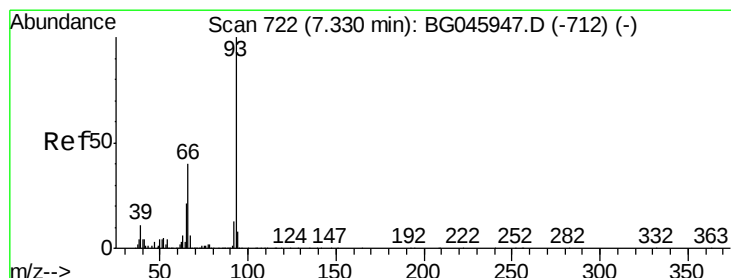
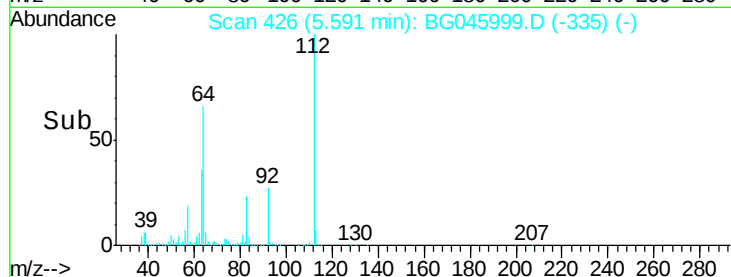
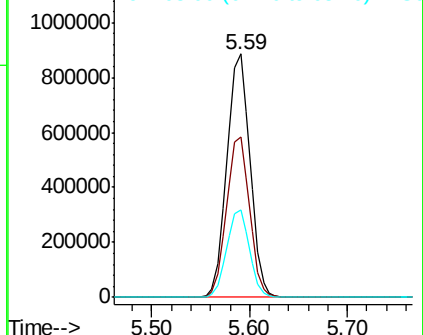
63 35.8 26.6 40.0



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: 41.306 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

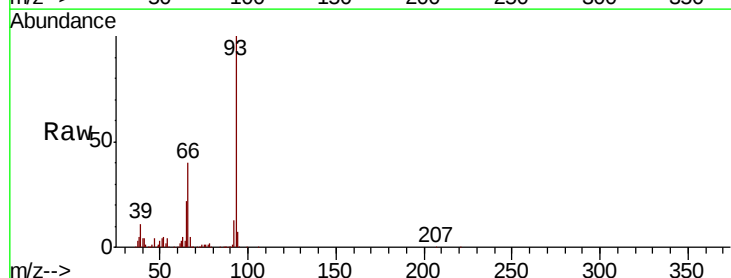
Tgt Ion: 93 Resp: 738117

Ion Ratio Lower Upper

93 100

66 40.2 32.3 48.5

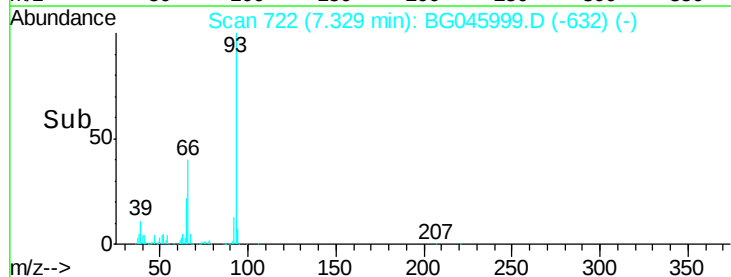
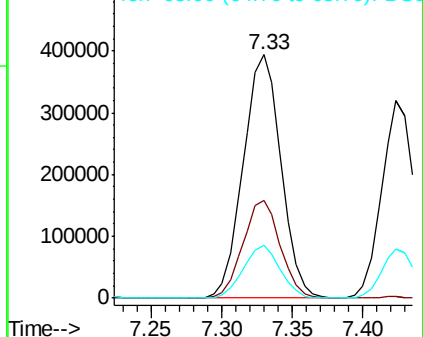
65 21.5 16.6 25.0

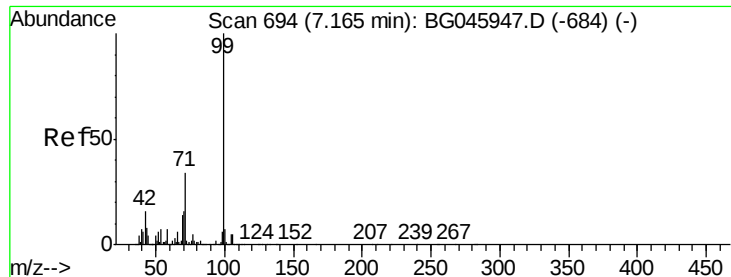


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.093 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG045999.D

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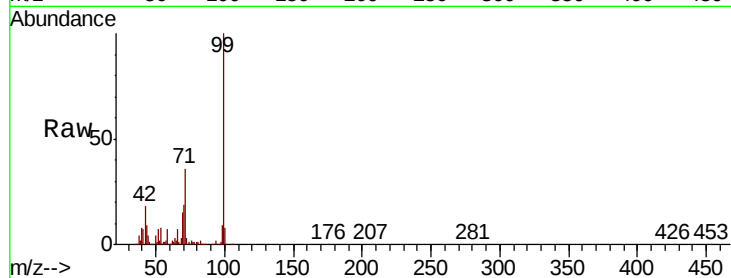
Tot Ion: 99 Resp: 1942929

Ion Ratio Lower Upper

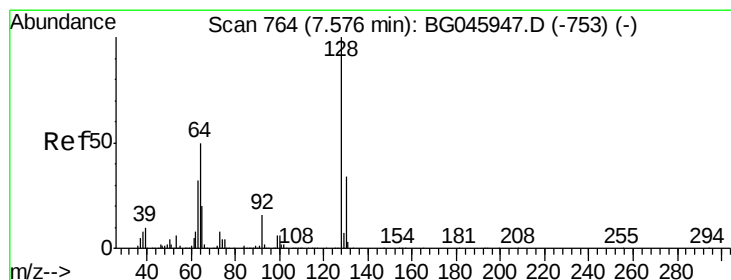
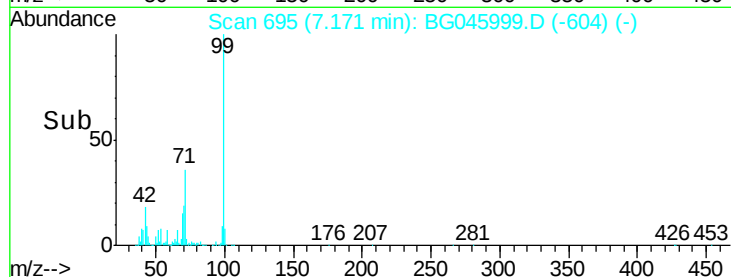
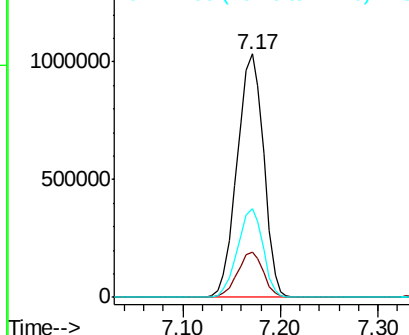
99 100

42 18.4 13.0 19.4

71 36.5 27.5 41.3



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



#8

2-Chlorophenol

Concen: 47.320 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

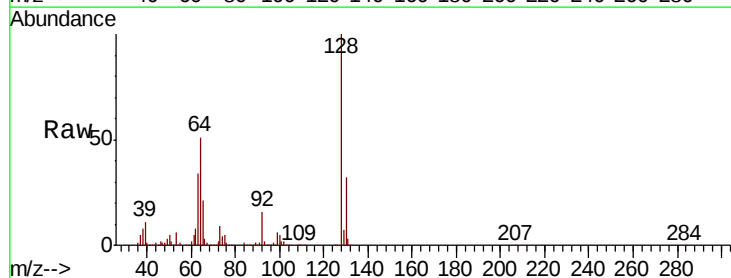
Tgt Ion: 128 Resp: 494224

Ion Ratio Lower Upper

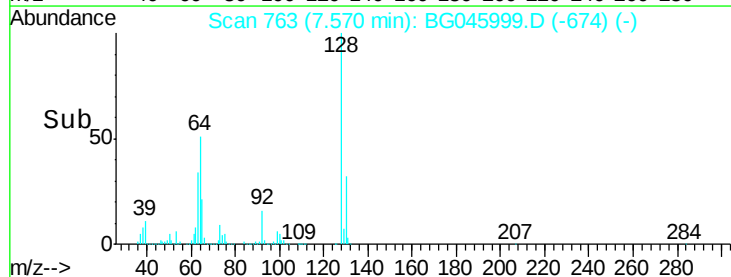
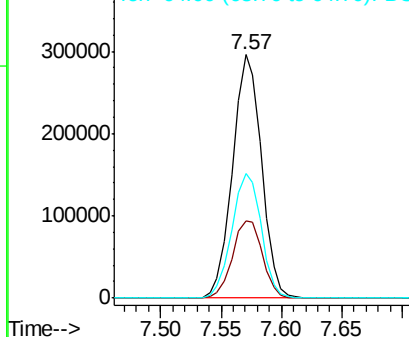
128 100

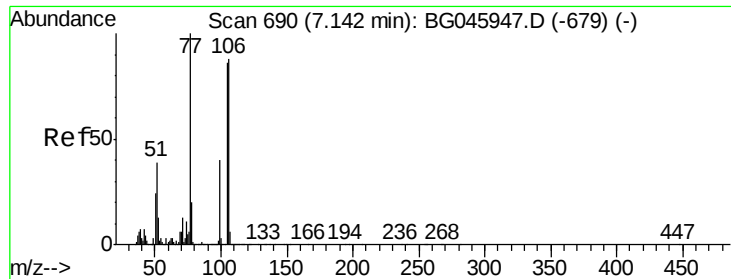
130 31.6 13.6 53.6

64 51.4 30.6 70.6



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: 37.688 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

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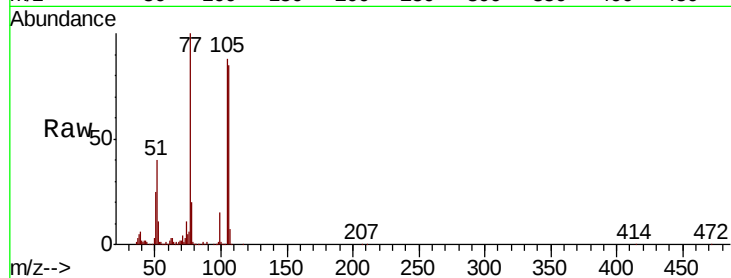
Tot Ion: 77 Resp: 333544

Ion Ratio Lower Upper

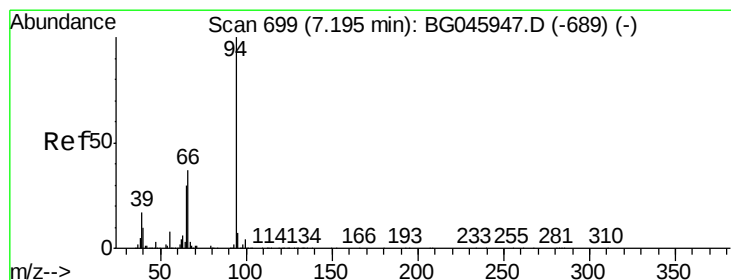
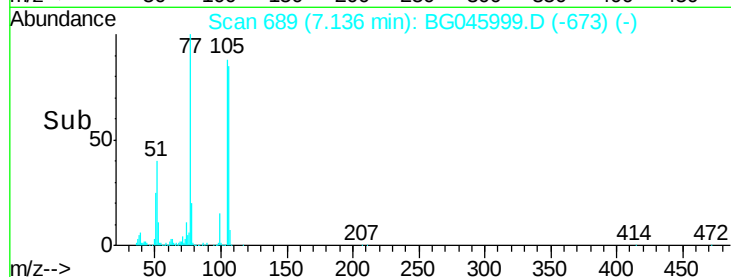
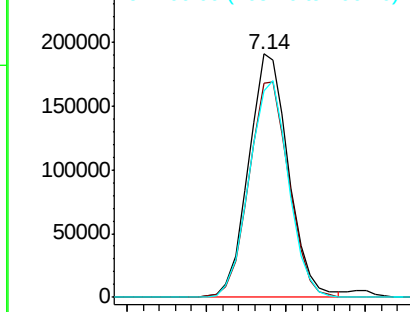
77 100

105 87.8 66.0 106.0

106 84.6 67.7 107.7



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: 47.069 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

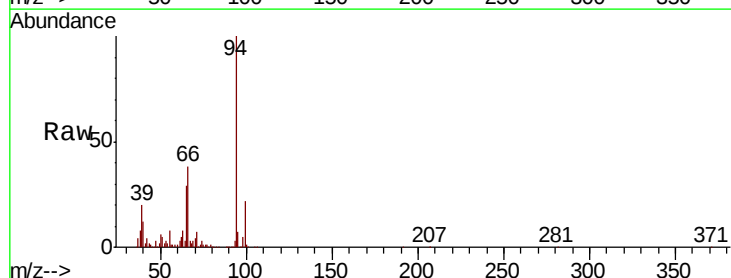
Tgt Ion: 94 Resp: 659534

Ion Ratio Lower Upper

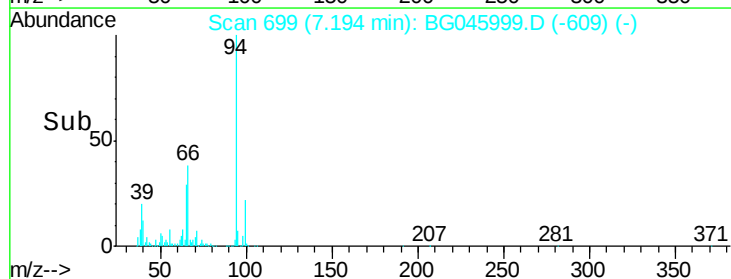
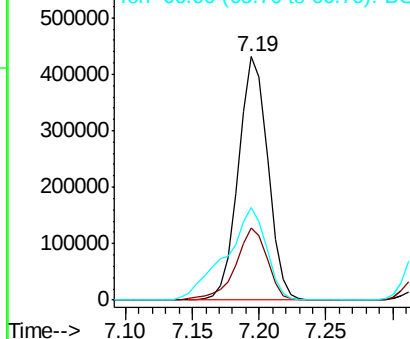
94 100

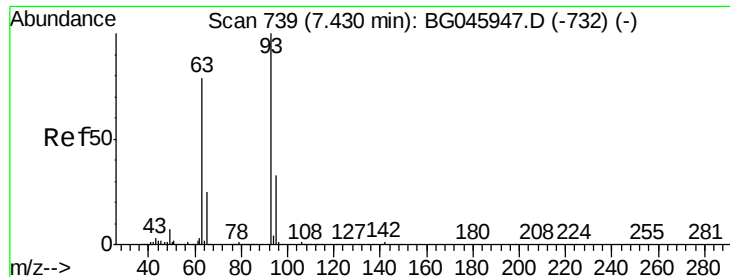
65 29.4 10.6 50.6

66 38.1 17.1 57.1



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

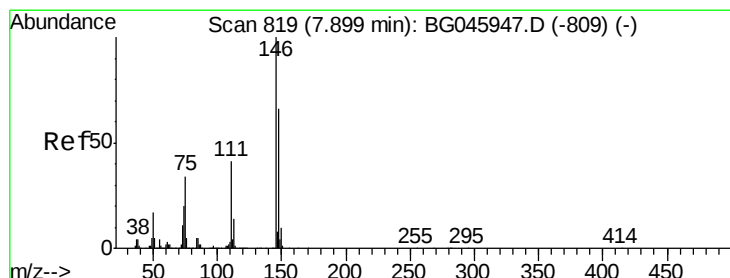
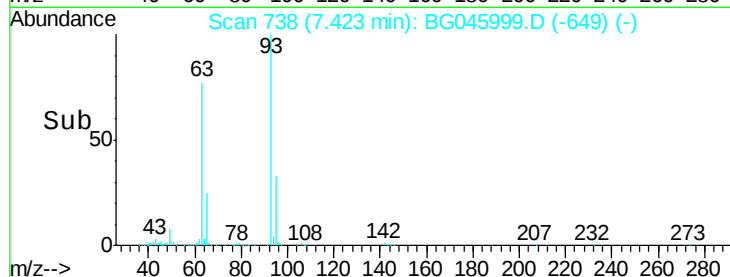
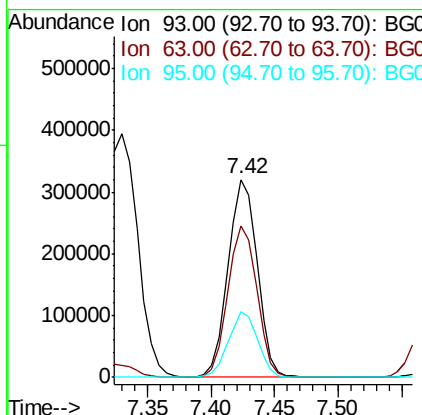
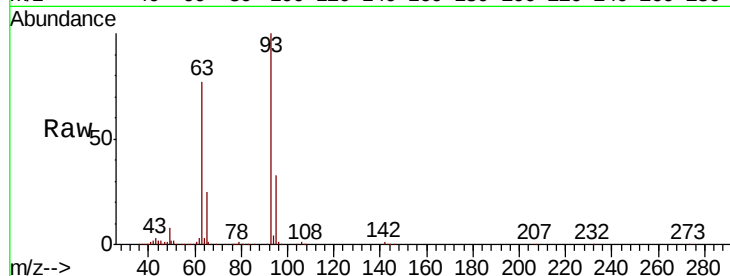




#11
bis(2-Chloroethyl)ether
Concen: 43.716 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

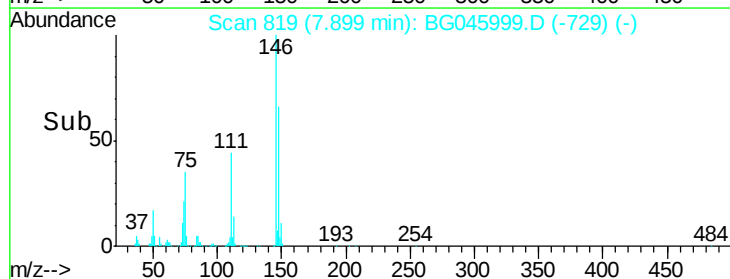
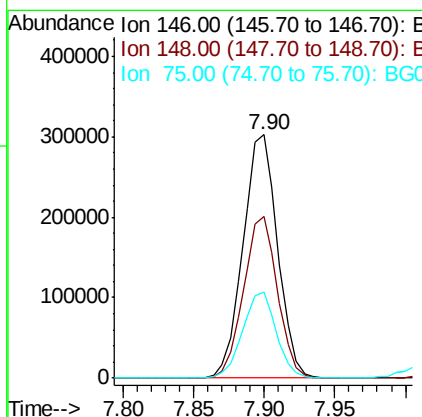
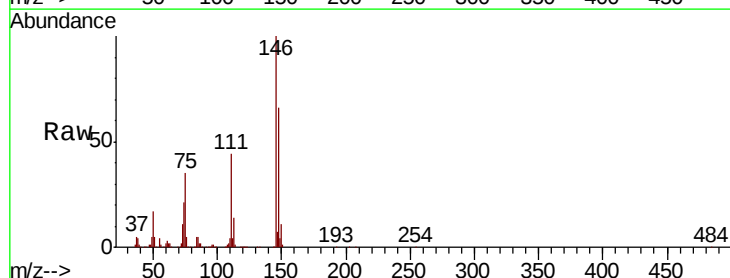
Instrument :
BNA_G
ClientSampleId :
PB130037BS

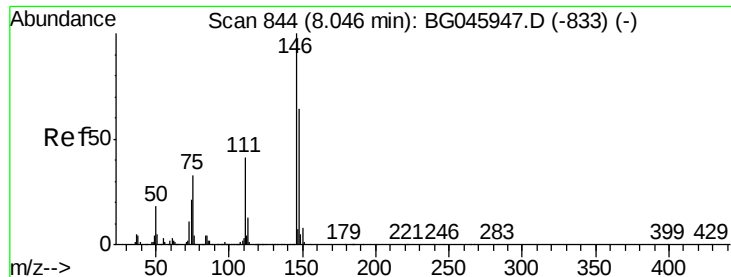
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	58.6	98.6
95	33.4	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 43.047 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.8	79.2
75	35.2	27.2	40.8

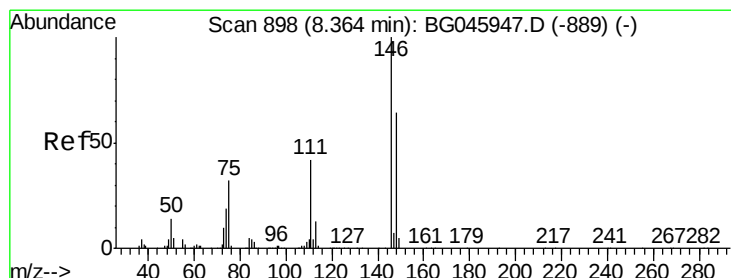
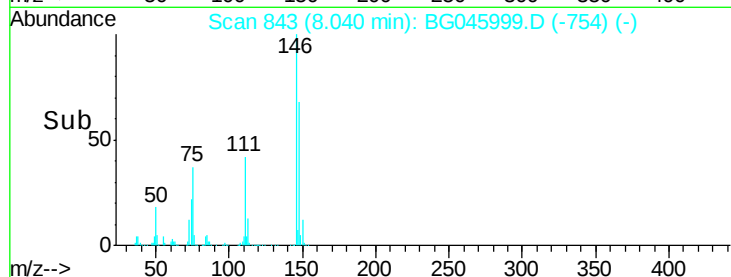
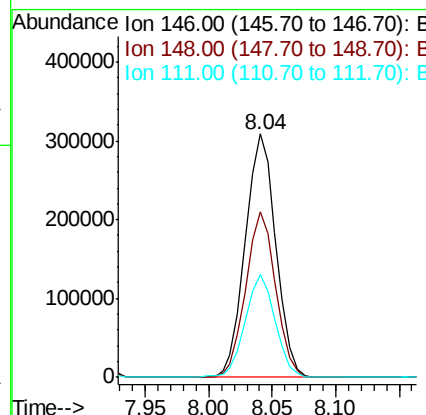
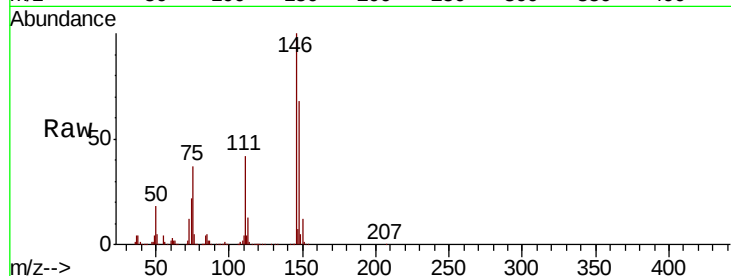




#13
 1,4-Dichlorobenzene
 Concen: 43.530 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

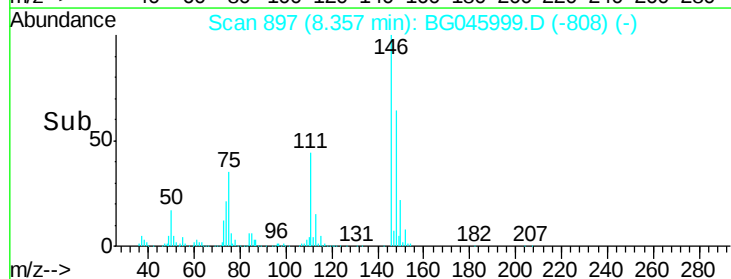
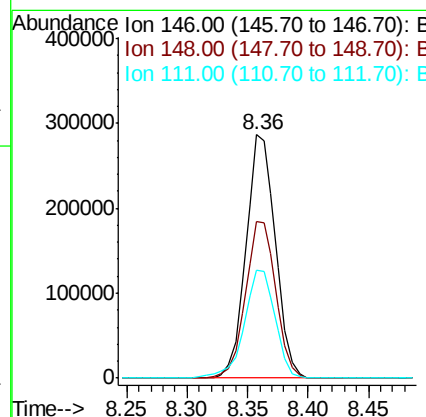
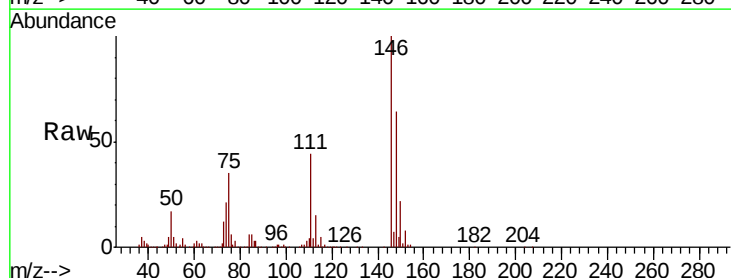
Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

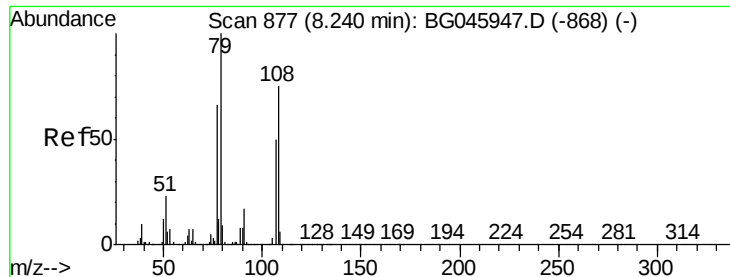
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.0	51.7	77.5
111	42.4	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 42.426 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	44.3	34.0	51.0





#15

Benzyl Alcohol

Concen: 43.456 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

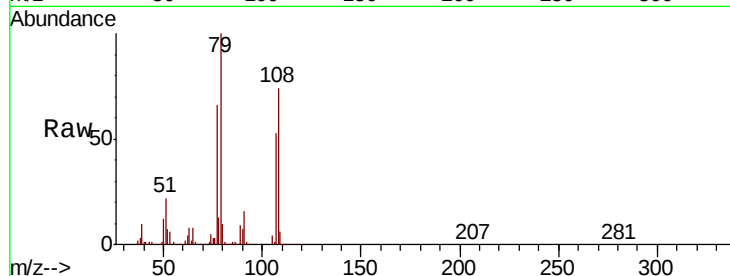
Tot Ion: 79 Resp: 475958

Ion Ratio Lower Upper

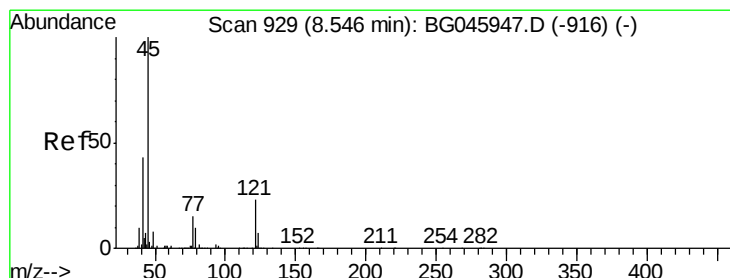
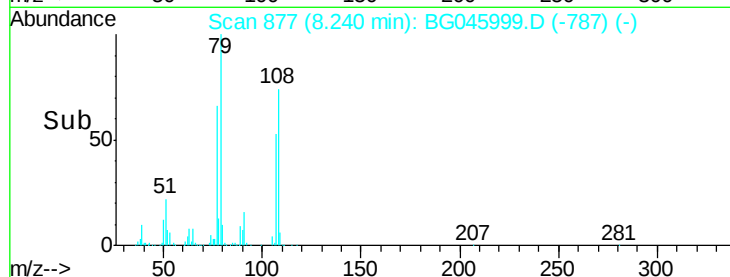
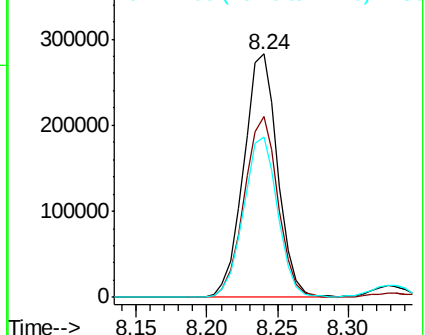
79 100

108 74.4 60.2 90.4

77 66.1 52.9 79.3



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: 43.128 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

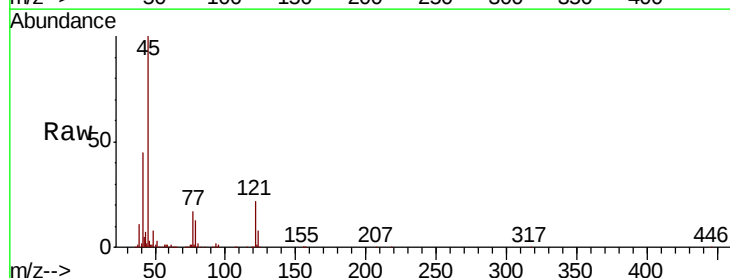
Tgt Ion: 45 Resp: 652002

Ion Ratio Lower Upper

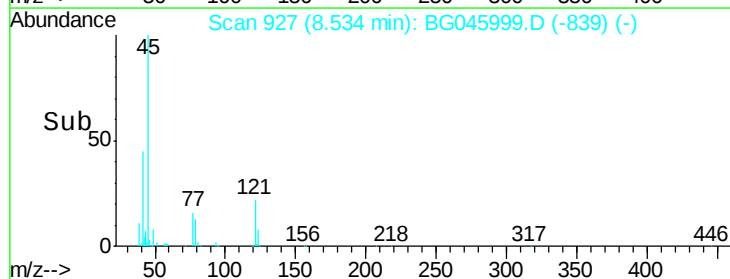
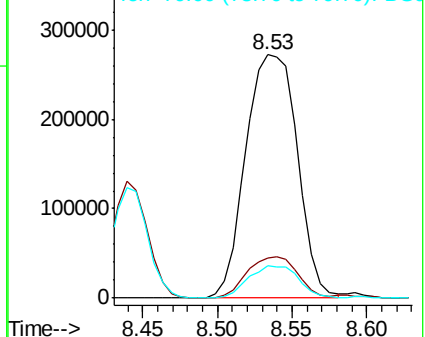
45 100

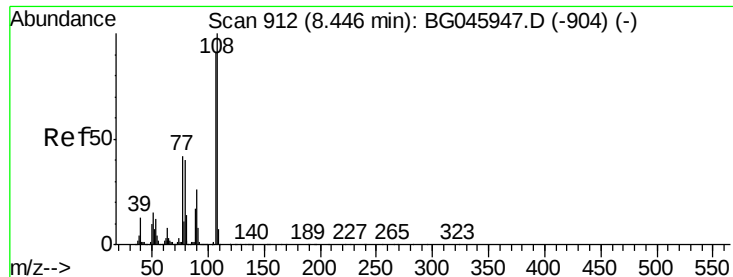
77 16.5 0.0 37.6

79 13.2 0.0 32.6



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: 42.169 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

Tot Ion:107 Resp: 443362

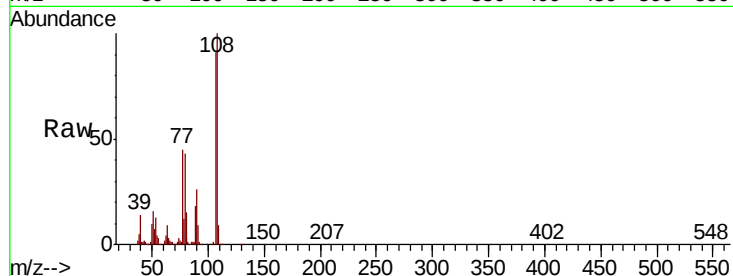
Ion Ratio Lower Upper

107 100

108 109.6 88.2 132.4

77 49.4 37.0 55.4

79 46.8 35.4 53.0

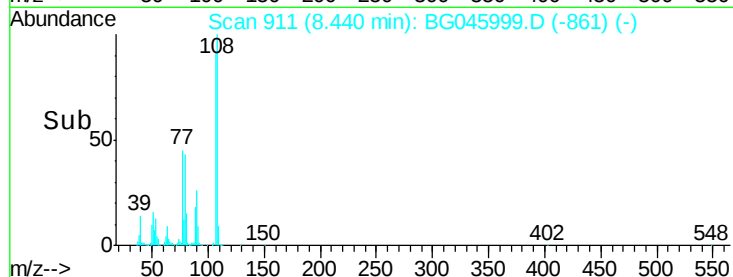


Abundance Ion 107.00 (106.70 to 107.70): E

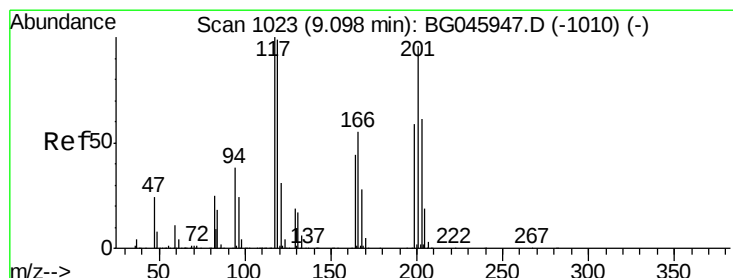
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 43.581 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

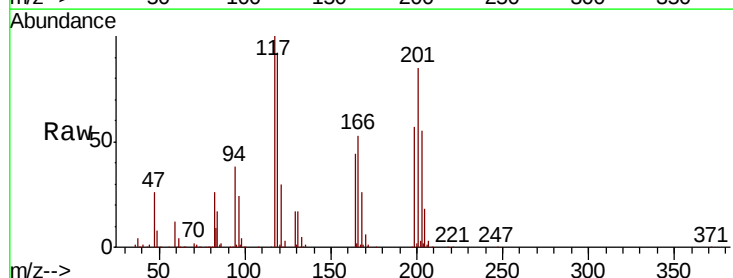
Tgt Ion:117 Resp: 198583

Ion Ratio Lower Upper

117 100

119 92.3 79.5 119.3

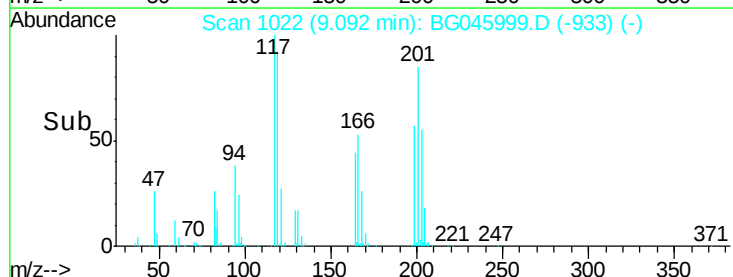
201 85.3 77.0 115.4



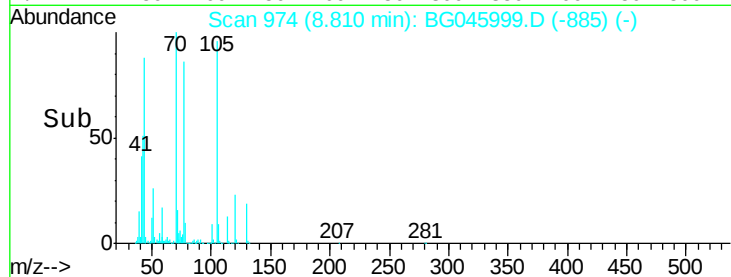
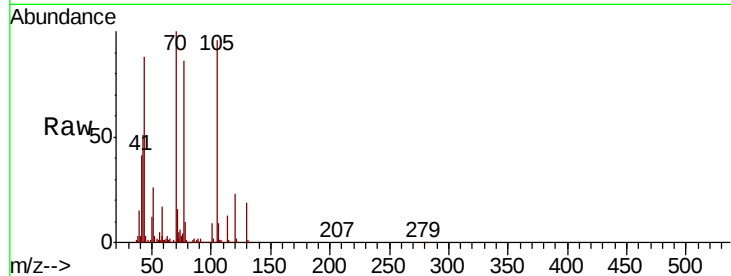
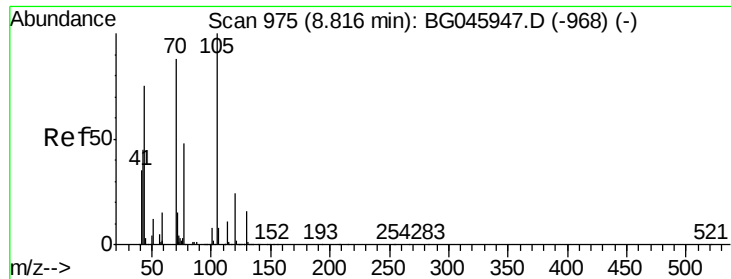
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



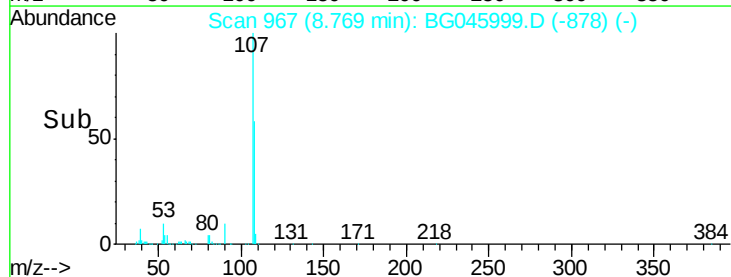
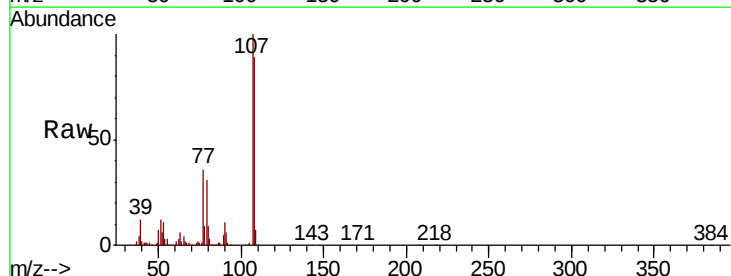
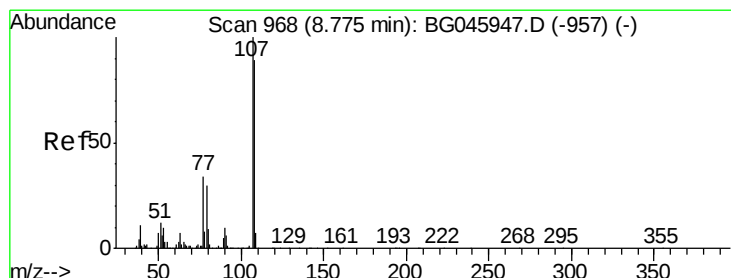
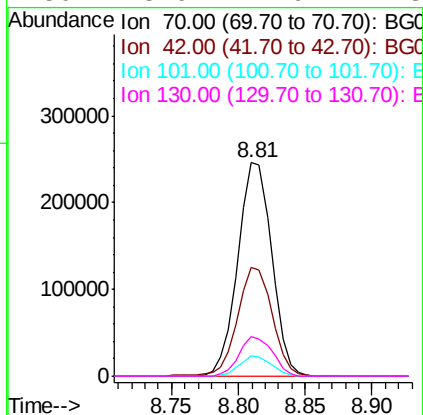
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 44.190 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

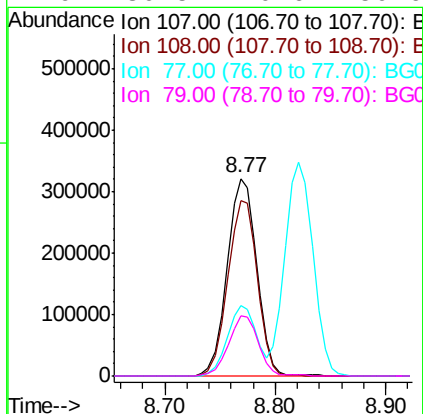
Instrument :
BNA_G
ClientSampleId :
PB130037BS

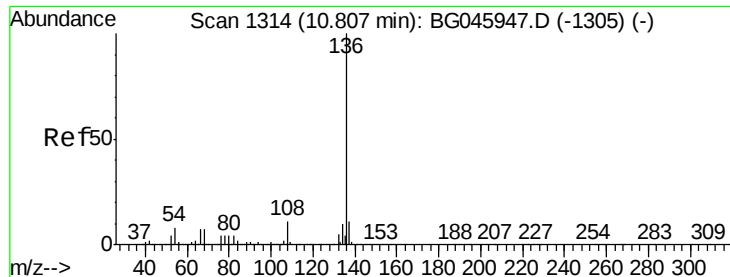
Tot Ion:	70	Resp:	433639
Ion	Ratio	Lower	Upper
70	100		
42	51.1	41.4	62.0
101	9.5	7.1	10.7
130	18.9	14.9	22.3



#20
3+4-Methylphenols
Concen: 42.205 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:	107	Resp:	604777
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.7	108.7
77	36.0	14.6	54.6
79	30.5	10.6	50.6

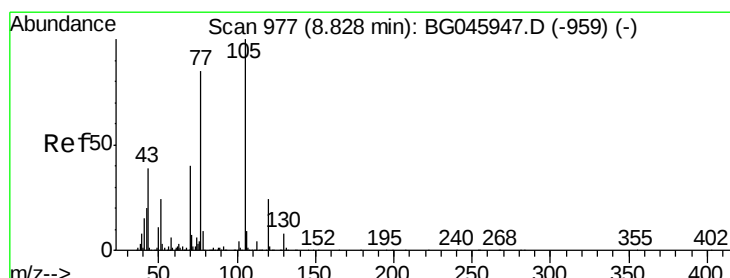
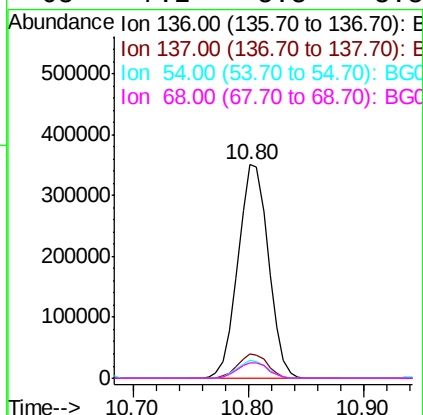
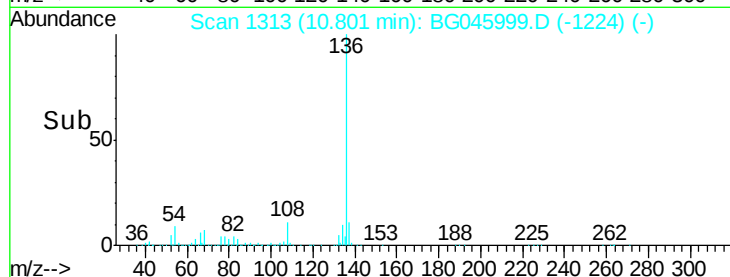
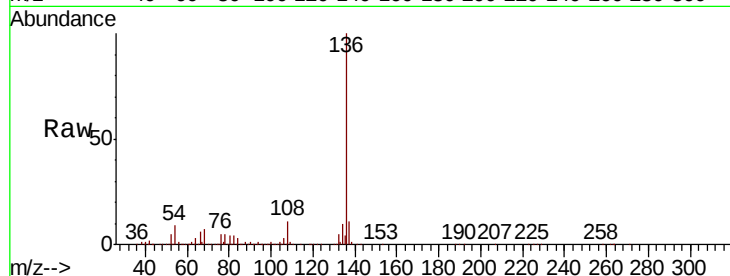




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

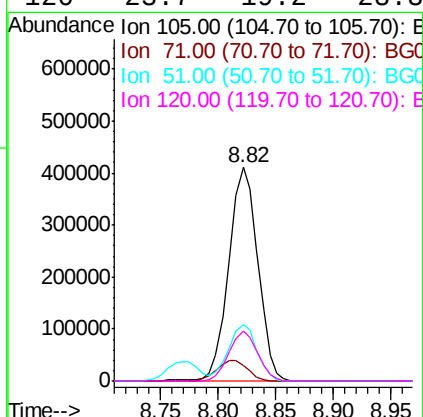
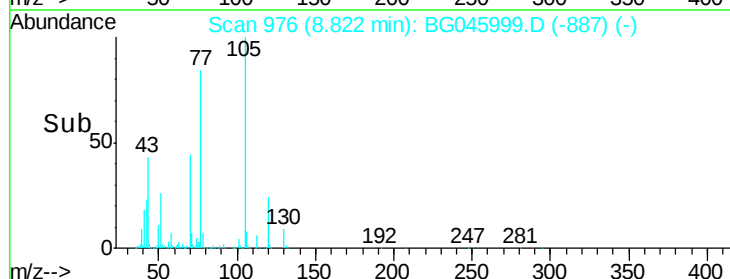
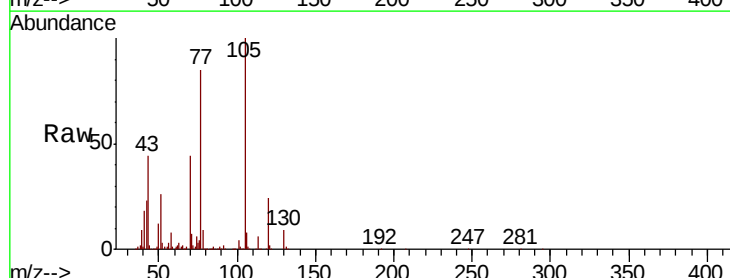
Instrument :
BNA_G
ClientSampleId :
PB130037BS

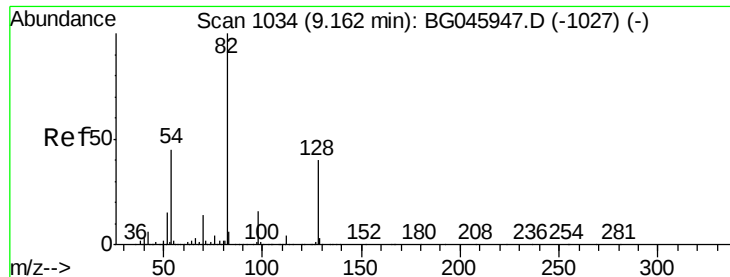
Tot Ion:136	Resp:	641374	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.2	13.8	
54 8.7	6.2	9.4	
68 7.2	5.8	8.8	



#22
Acetophenone
Concen: 41.628 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt	Ion:105	Resp:	713270
Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.2	9.2
51	26.2	19.7	29.5
120	23.7	19.2	28.8

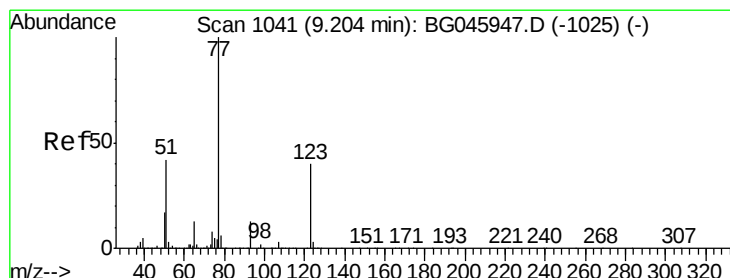
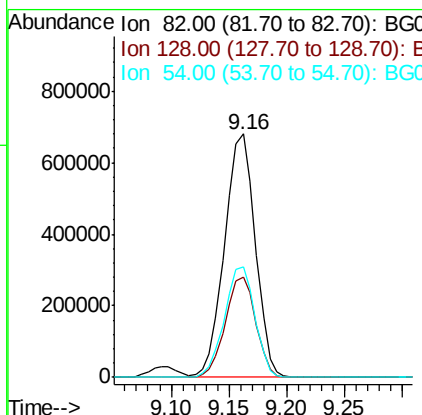
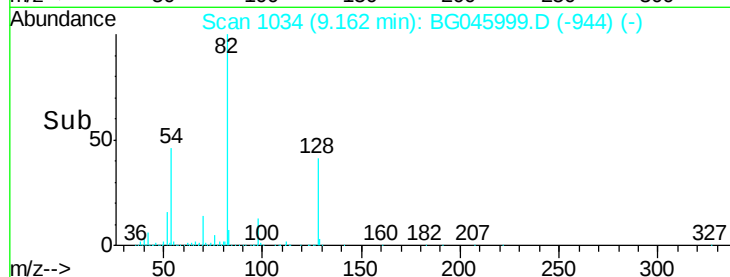
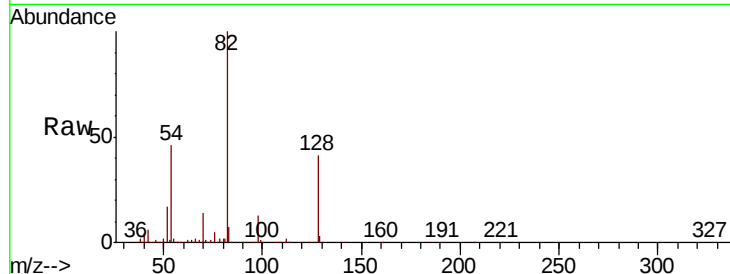




#23
 Nitrobenzene-d5
 Concen: 112.538 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

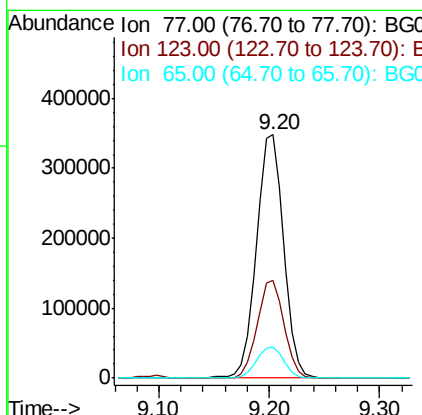
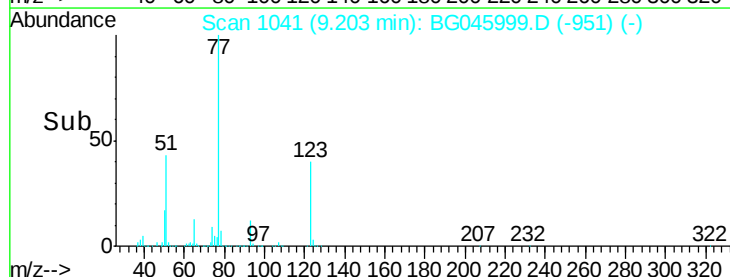
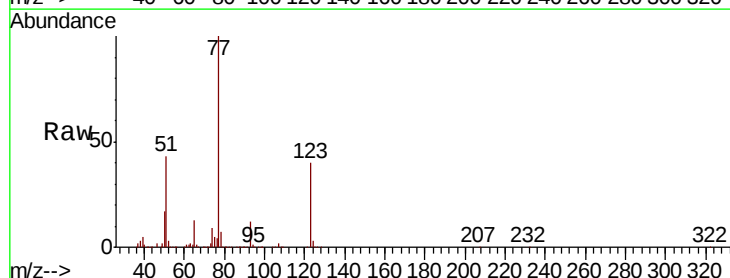
Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

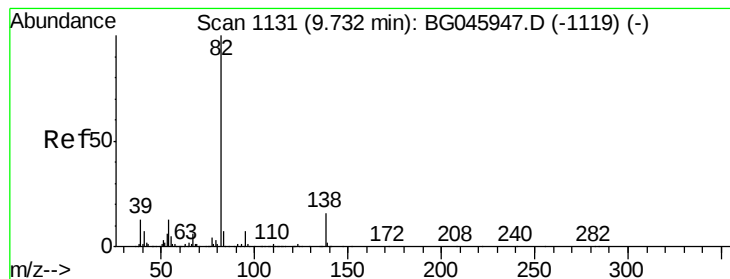
Tot Ion: 82 Resp: 1254026
 Ion Ratio Lower Upper
 82 100
 128 41.4 32.2 48.4
 54 45.6 35.8 53.6



#24
 Nitrobenzene
 Concen: 48.988 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Tgt Ion: 77 Resp: 602505
 Ion Ratio Lower Upper
 77 100
 123 40.3 32.7 49.1
 65 12.6 10.2 15.4





#25

Isophorone

Concen: 41.757 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

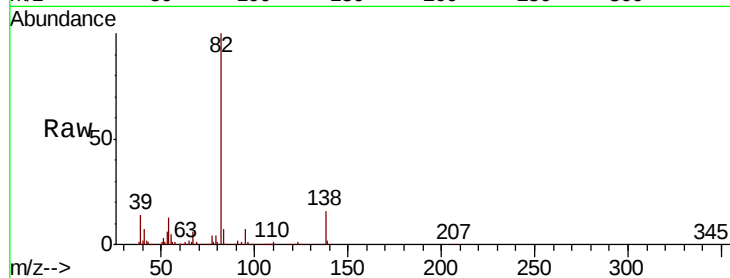
Tot Ion: 82 Resp: 1135909

Ion Ratio Lower Upper

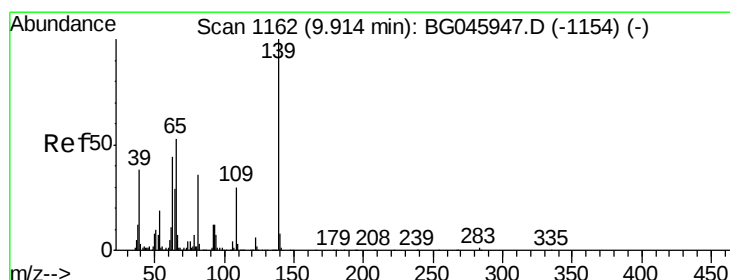
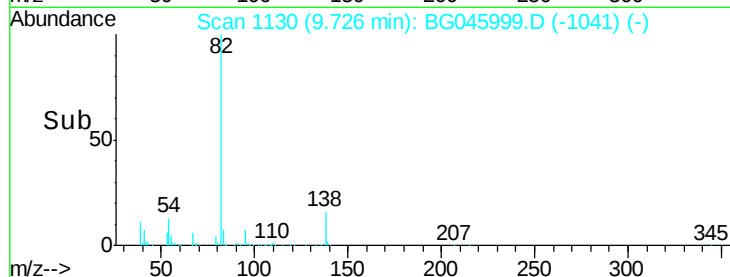
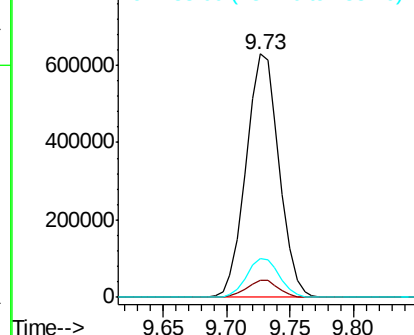
82 100

95 7.1 5.8 8.6

138 15.8 12.9 19.3



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: 54.243 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

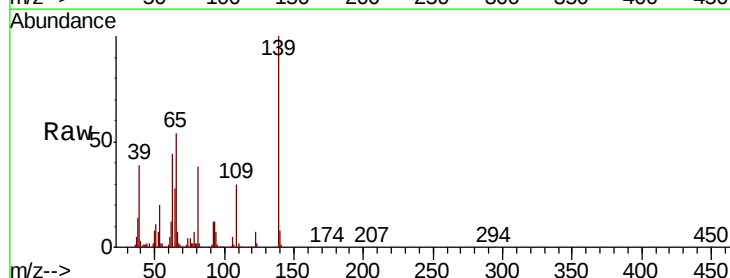
Tgt Ion: 139 Resp: 217448

Ion Ratio Lower Upper

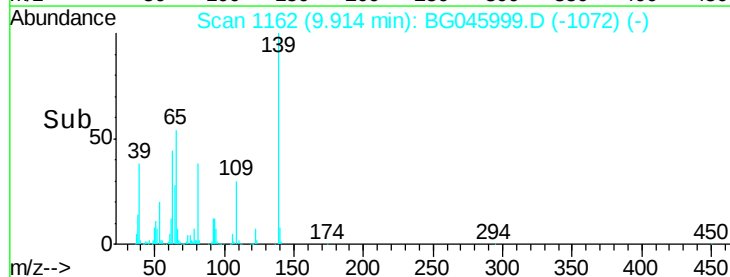
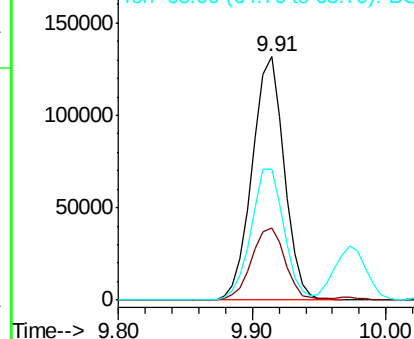
139 100

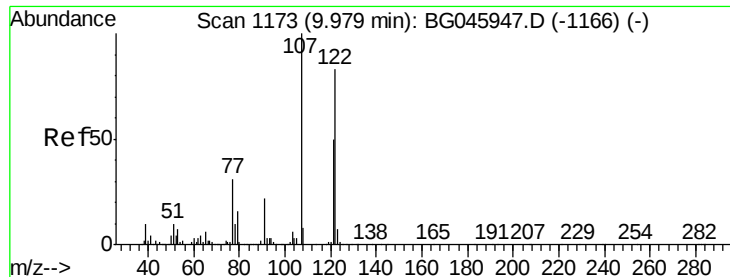
109 29.7 24.6 37.0

65 54.0 42.6 64.0



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: 44.260 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

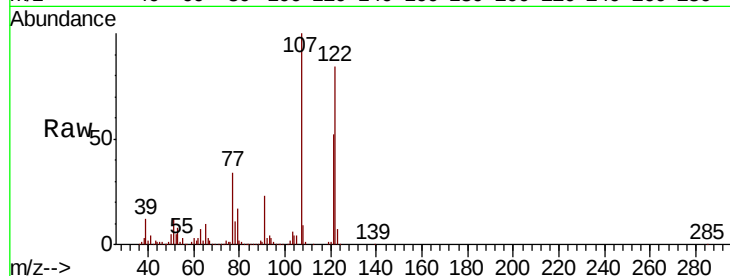
Tot Ion:122 Resp: 428559

Ion Ratio Lower Upper

122 100

107 119.3 95.6 143.4

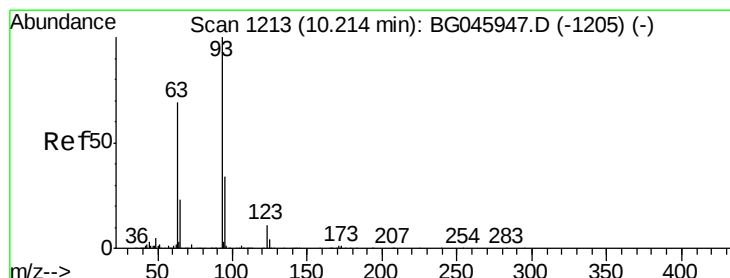
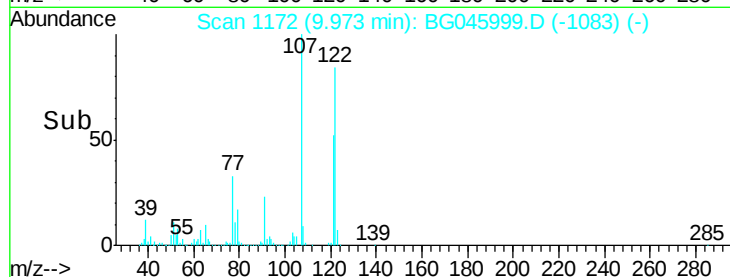
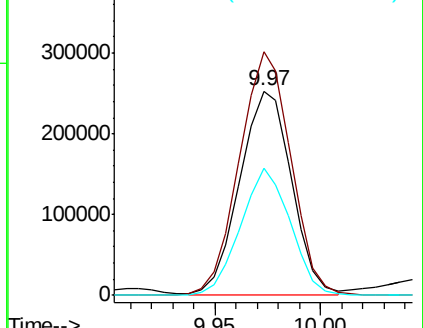
121 62.5 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.452 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

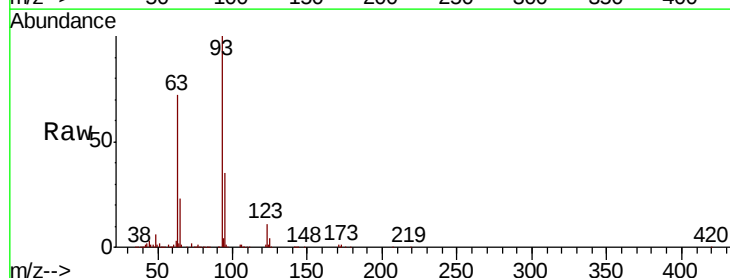
Tgt Ion: 93 Resp: 663756

Ion Ratio Lower Upper

93 100

95 34.6 27.5 41.3

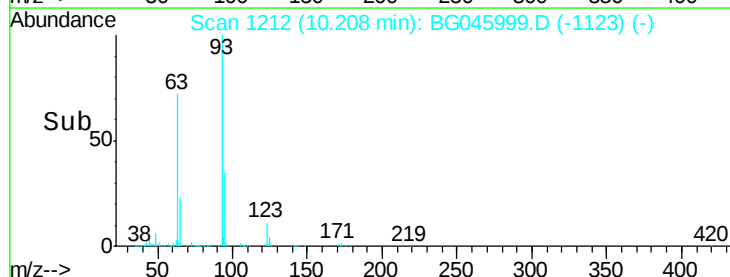
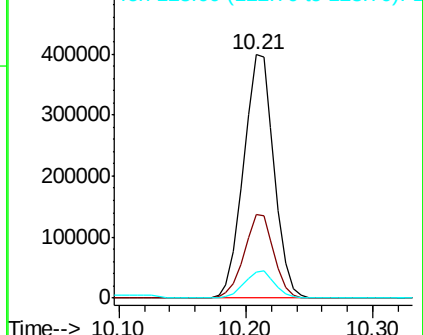
123 10.9 9.2 13.8

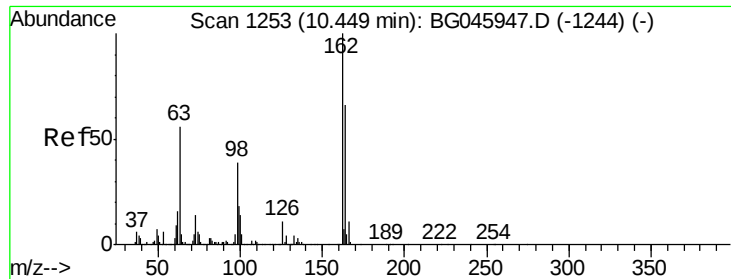


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

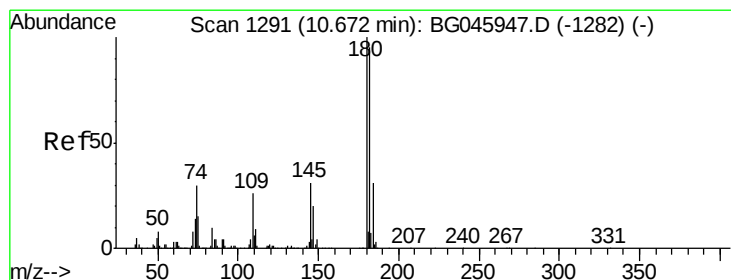
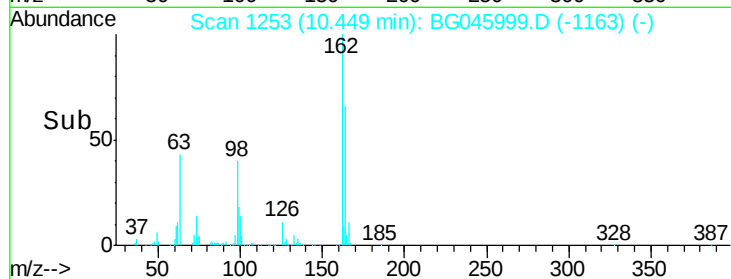
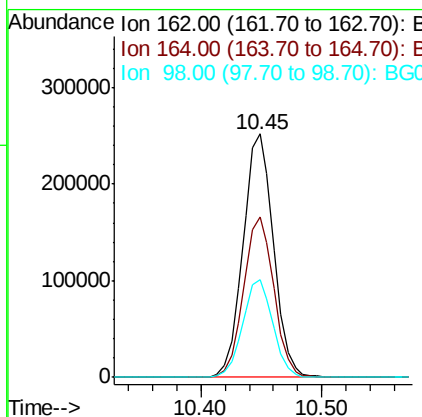
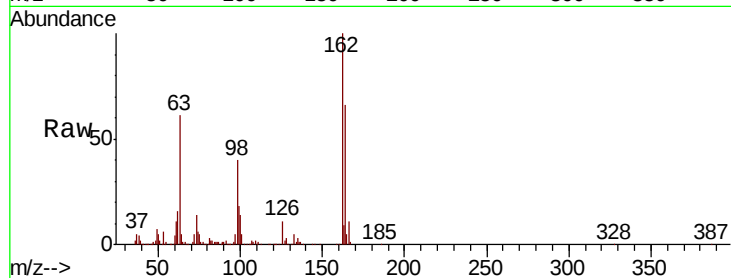




#29
 2,4-Dichlorophenol
 Concen: 44.143 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

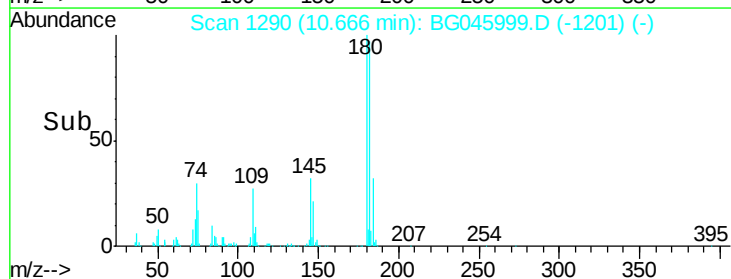
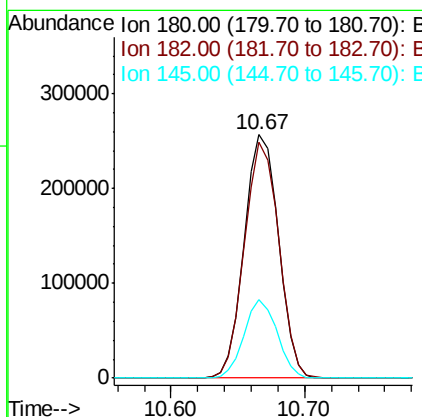
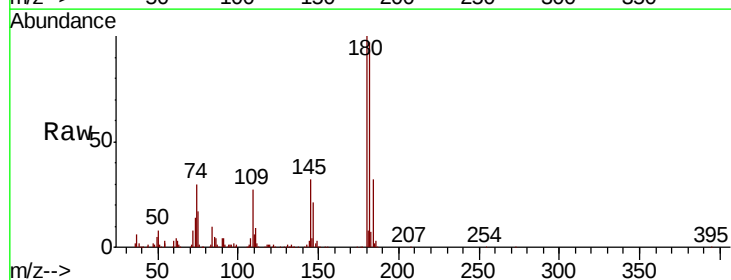
Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

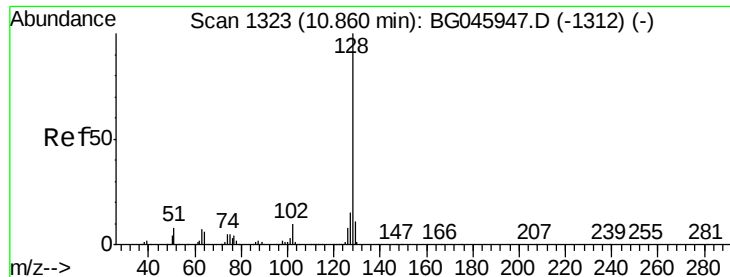
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	46.0	86.0
98	40.0	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.089 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.3	114.5
145	32.3	24.8	37.2

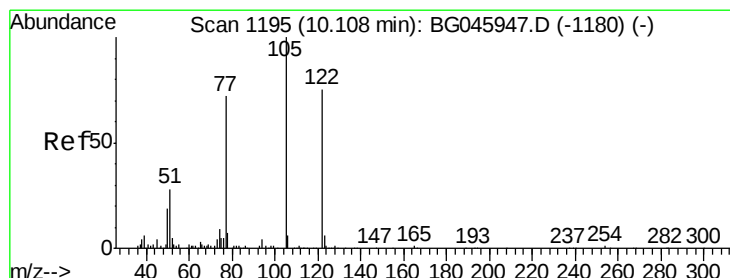
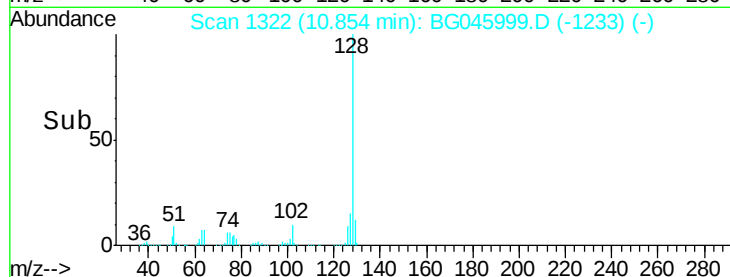
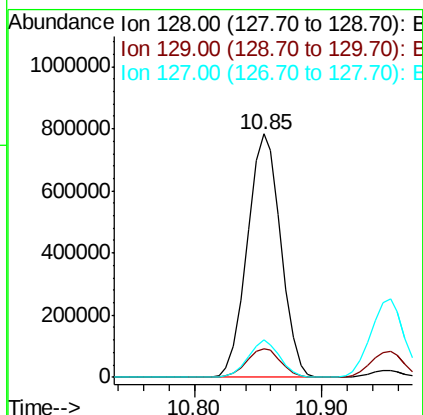
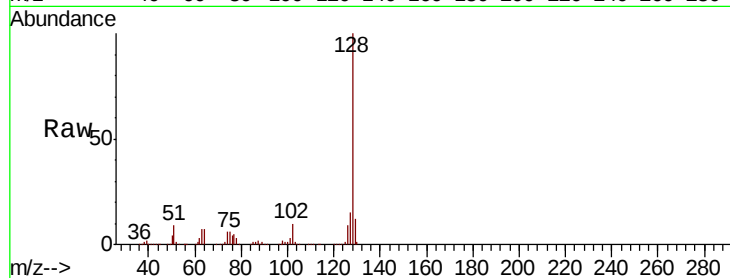




#31
Naphthalene
Concen: 41.631 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

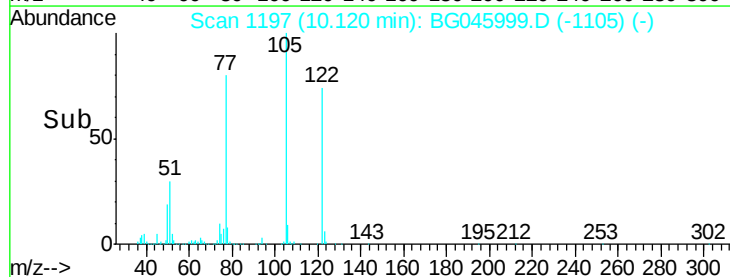
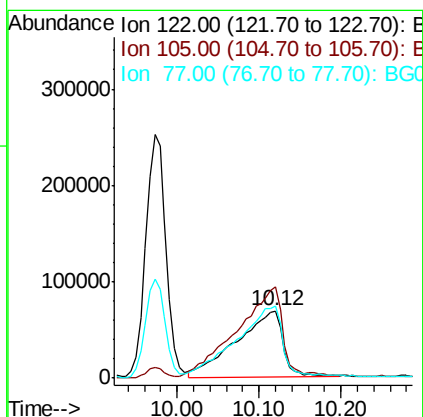
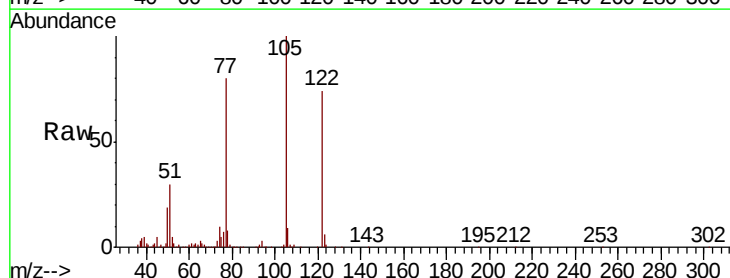
Instrument :
BNA_G
ClientSampleId :
PB130037BS

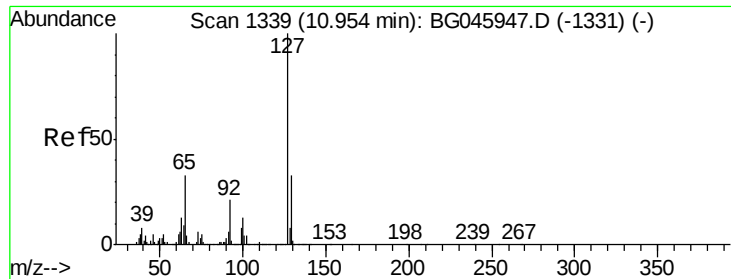
Tot Ion:128 Resp: 1431379
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 15.5 11.8 17.6



#32
Benzoic acid
Concen: 45.858 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:122 Resp: 269195
Ion Ratio Lower Upper
122 100
105 134.3 110.8 150.8
77 107.0 76.4 116.4

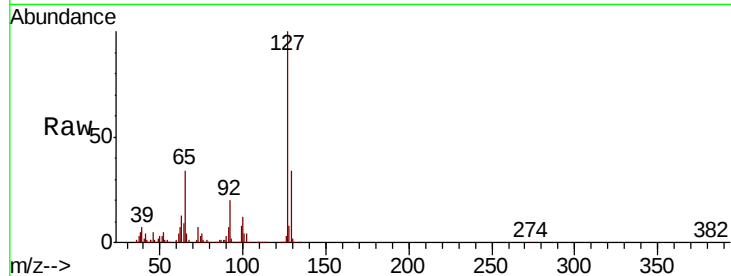




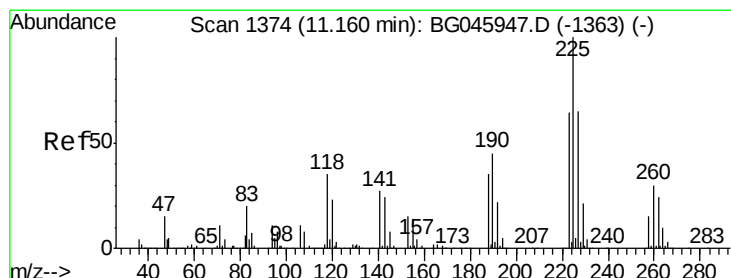
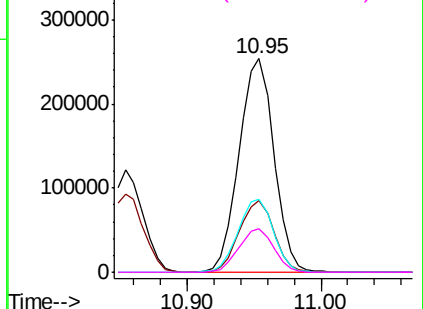
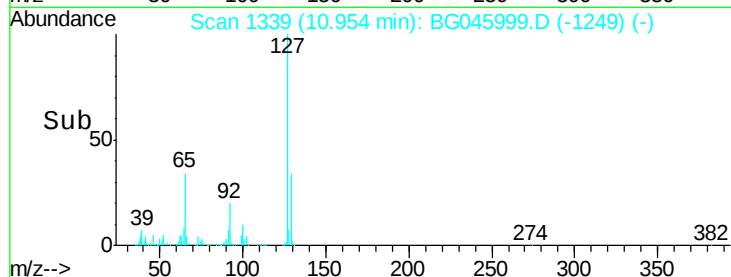
#33
4-Chloroaniline
Concen: 29.819 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Instrument :
BNA_G
ClientSampleId :
PB130037BS

Tot Ion:	127	Resp:	458153
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	39.8
65	34.2	26.8	40.2
92	20.2	17.0	25.4

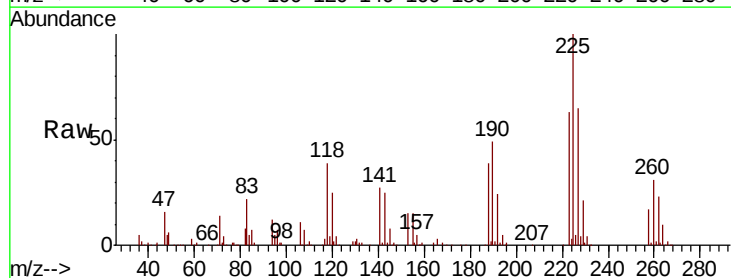


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

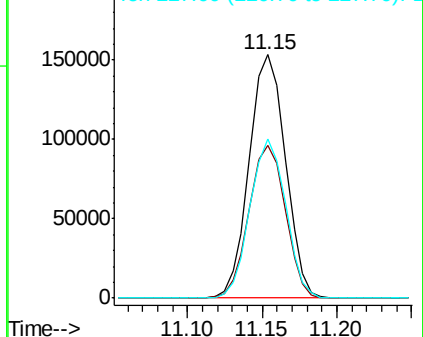
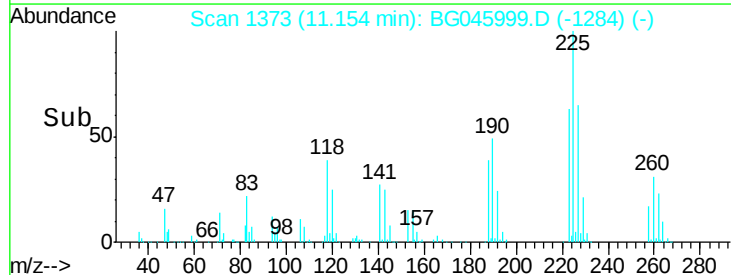


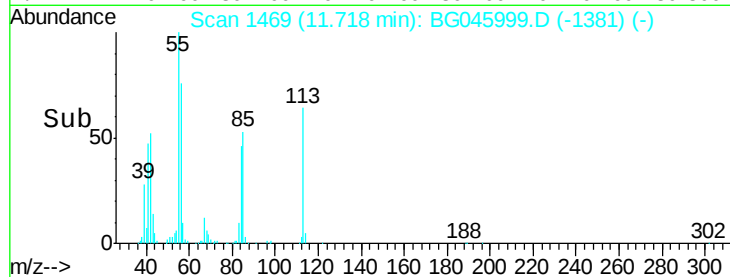
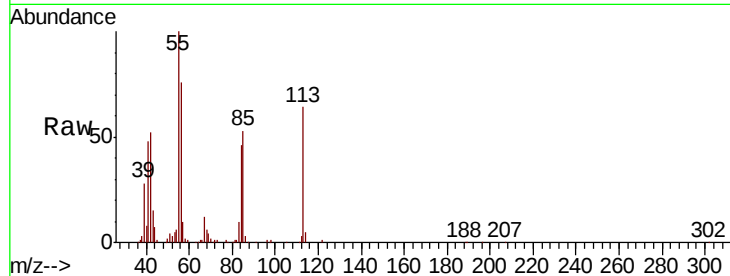
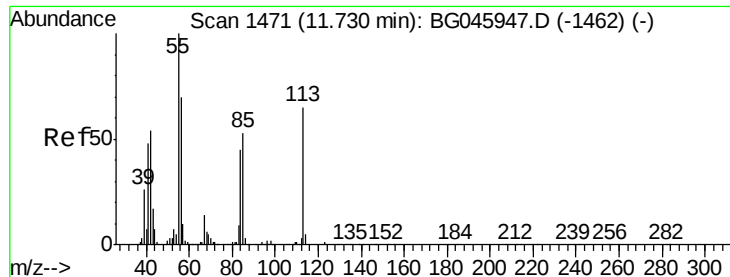
#34
Hexachlorobutadiene
Concen: 39.768 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:	225	Resp:	257881
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.2	76.8
227	65.4	52.3	78.5



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: 20.362 ng

RT: 11.72 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

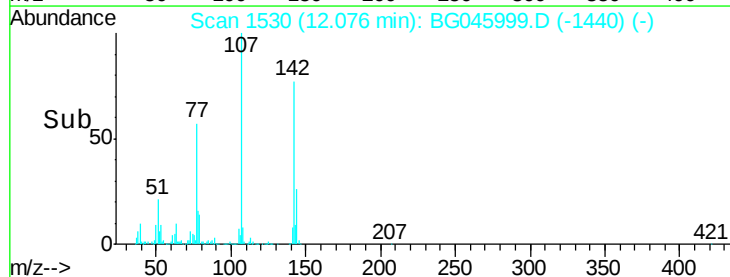
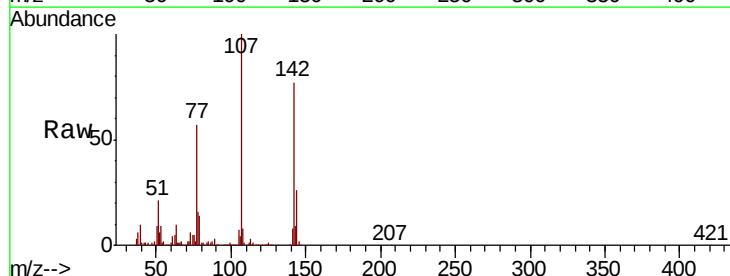
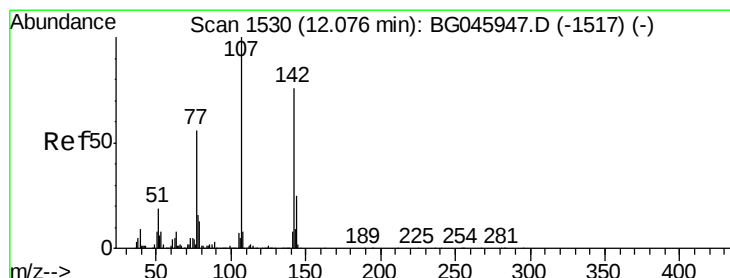
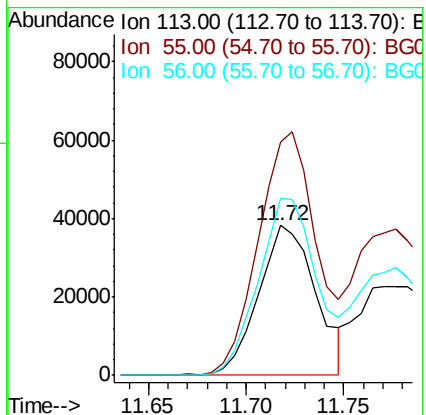
Tot Ion:113 Resp: 77490

Ion Ratio Lower Upper

113 100

55 155.9 141.6 181.6

56 118.0 89.6 129.6



#36

4-Chloro-3-methylphenol

Concen: 45.236 ng

RT: 12.08 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

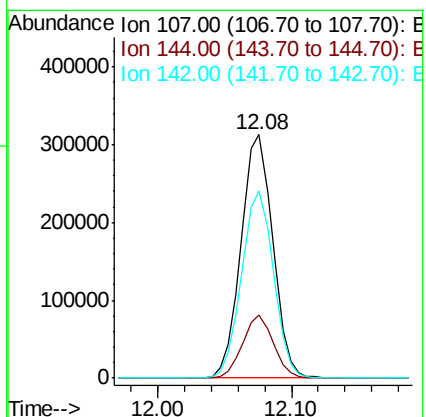
Tgt Ion:107 Resp: 516424

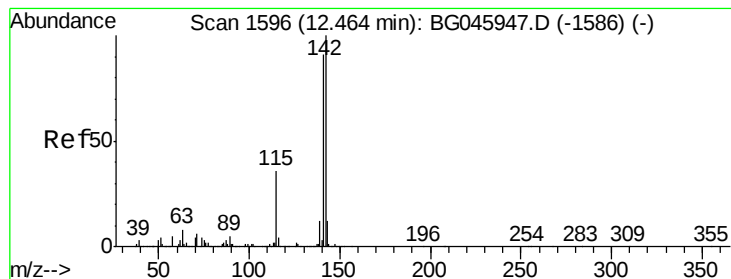
Ion Ratio Lower Upper

107 100

144 25.9 20.0 30.0

142 76.9 61.1 91.7





#37

2-Methylnaphthalene

Concen: 42.319 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

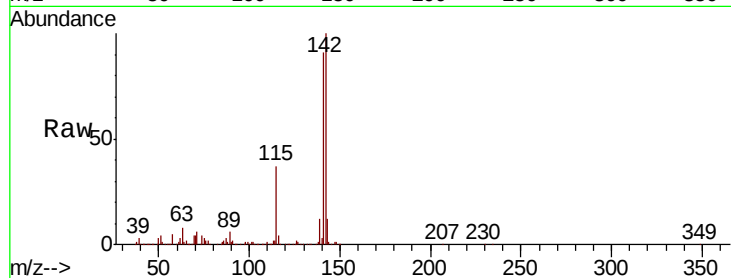
Tot Ion:142 Resp: 1034345

Ion Ratio Lower Upper

142 100

141 90.7 73.0 109.6

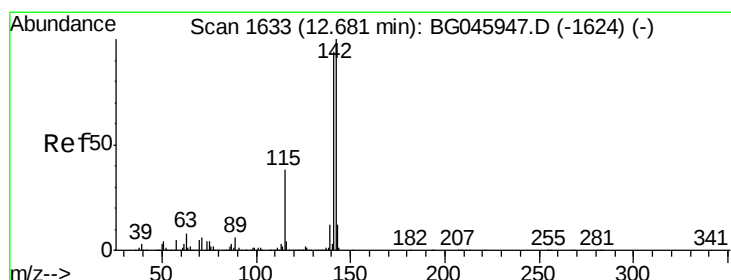
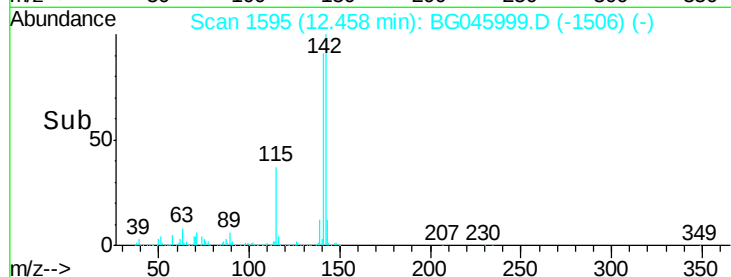
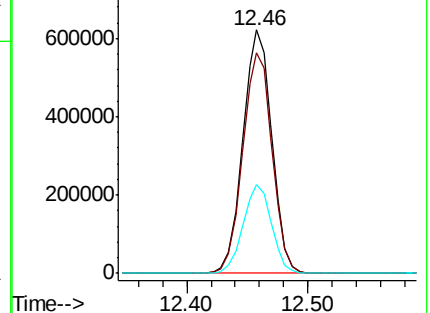
115 36.7 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.180 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

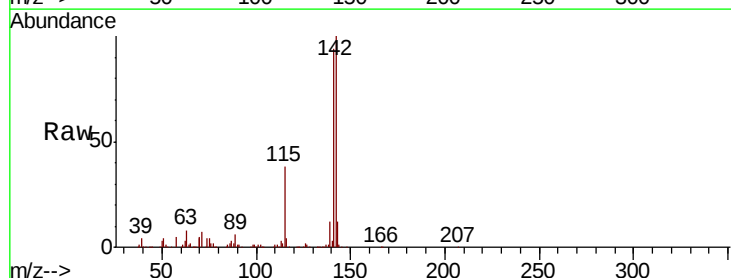
Tgt Ion:142 Resp: 996003

Ion Ratio Lower Upper

142 100

141 94.5 75.2 112.8

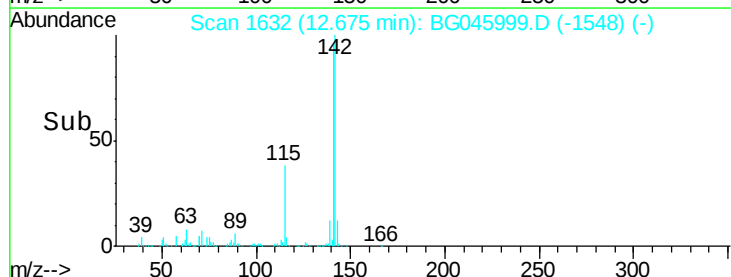
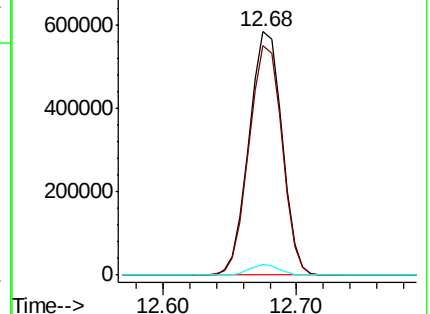
116 4.4 3.1 4.7

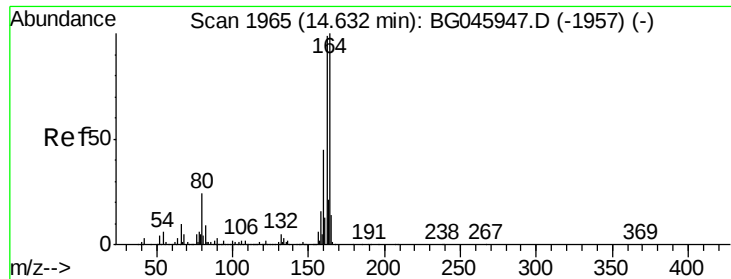


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

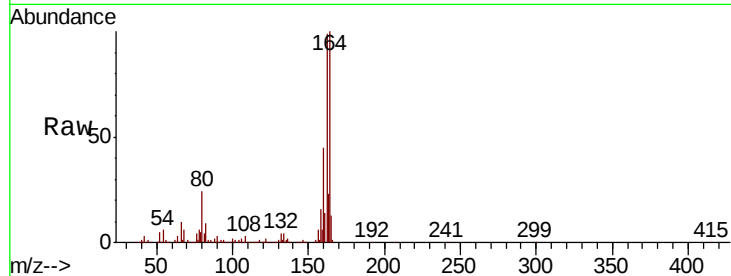
Tot Ion:164 Resp: 385348

Ion Ratio Lower Upper

164 100

162 99.2 79.3 118.9

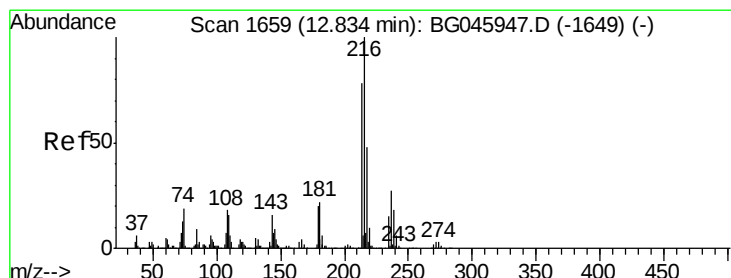
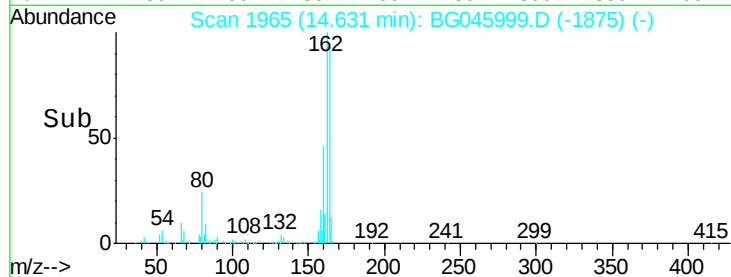
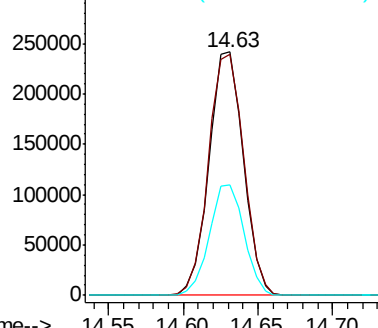
160 45.3 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.696 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Tgt Ion:216 Resp: 452928

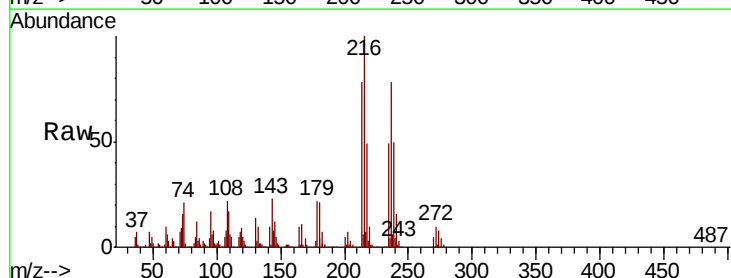
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.5 17.0 25.6

108 24.3 17.3 25.9

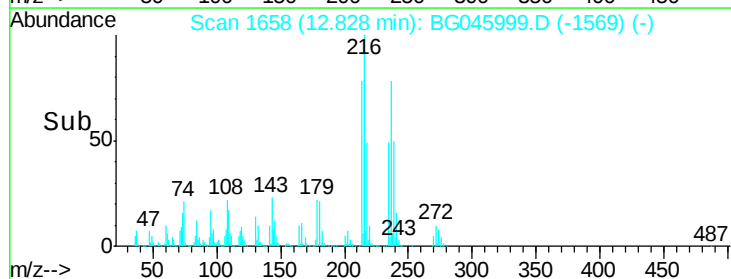
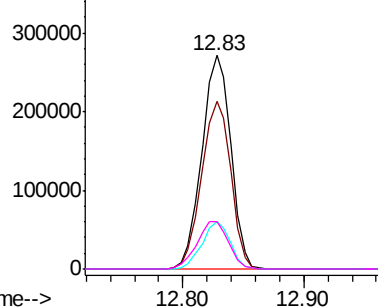


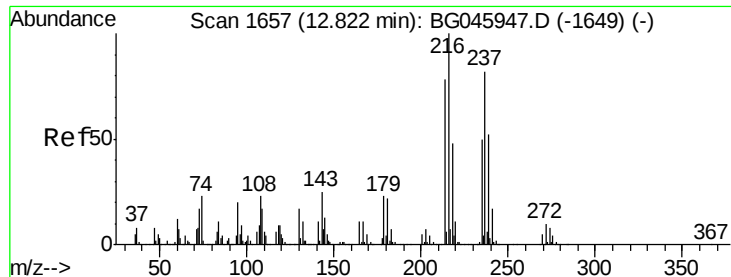
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.389 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

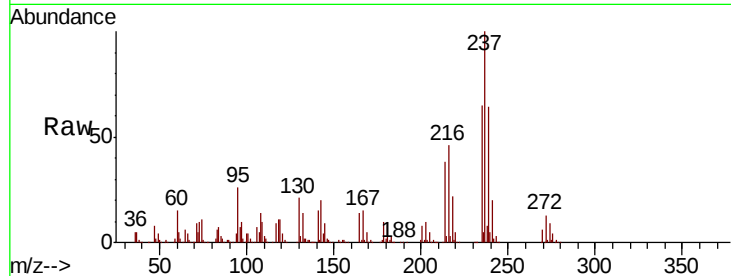
Tot Ion:237 Resp: 537484

Ion Ratio Lower Upper

237 100

235 64.6 41.5 81.5

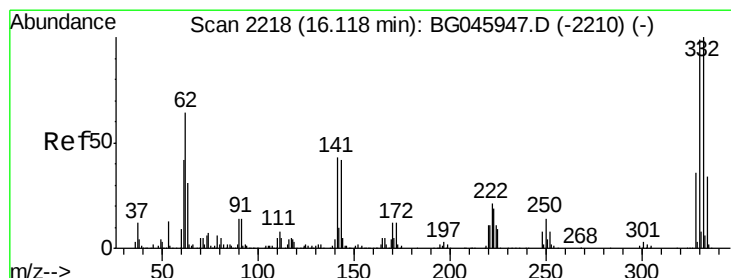
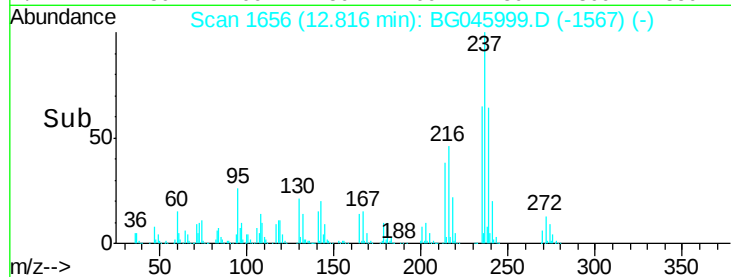
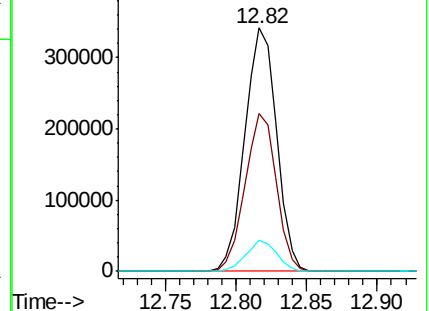
272 12.7 0.0 31.7



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: 147.519 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

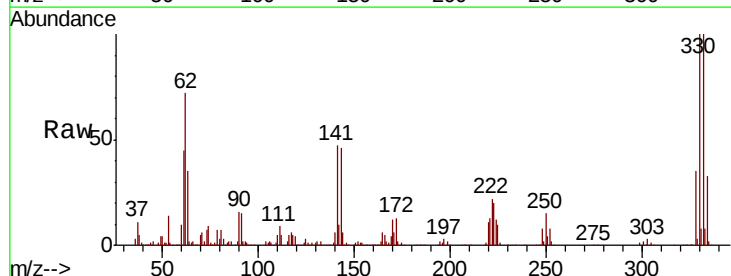
Tgt Ion:330 Resp: 527593

Ion Ratio Lower Upper

330 100

332 97.2 78.3 117.5

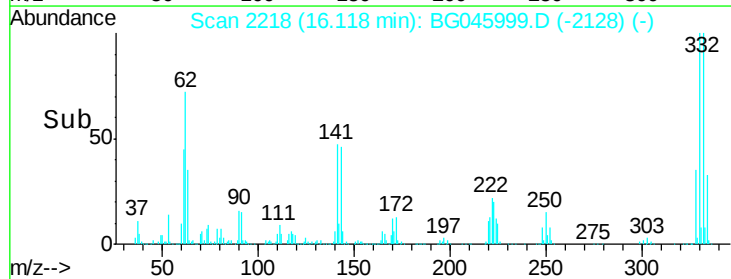
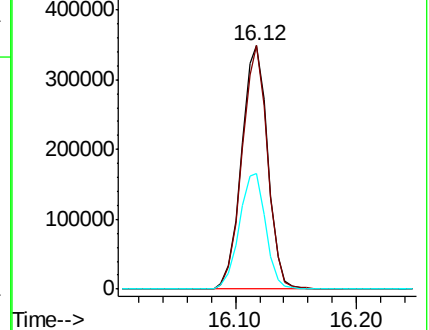
141 47.8 36.6 54.8

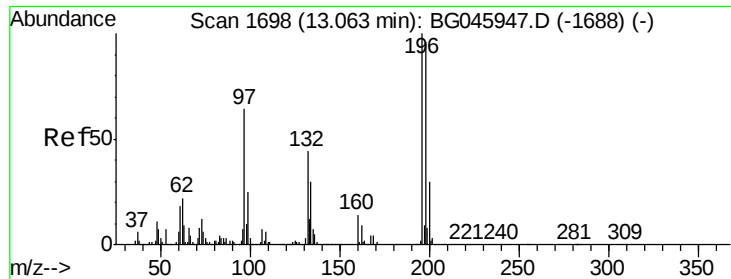


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

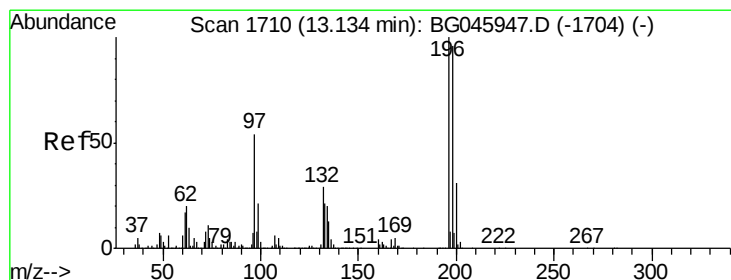
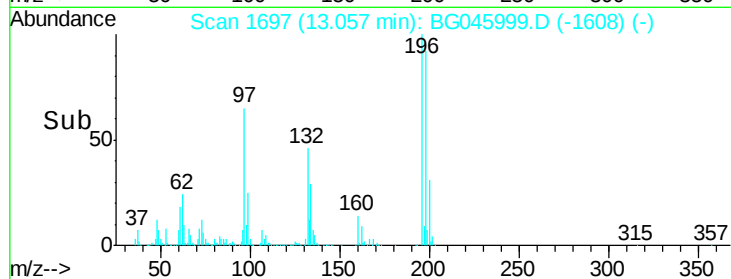
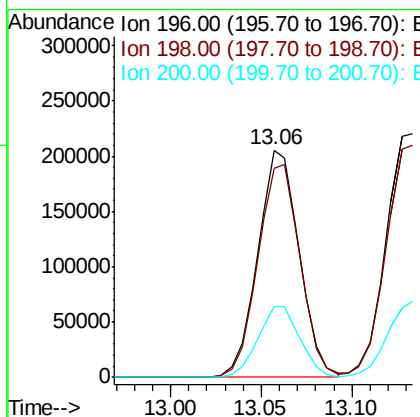
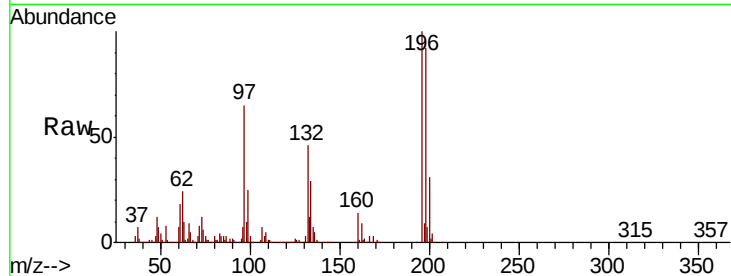




#43
 2,4,6-Trichlorophenol
 Concen: 44.705 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

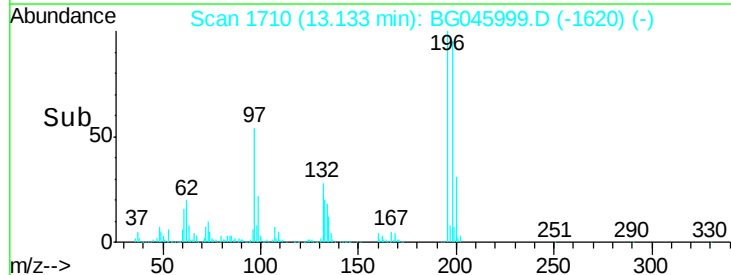
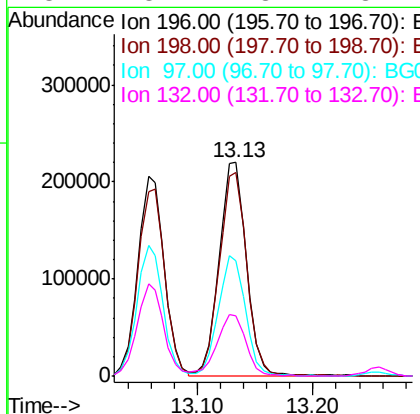
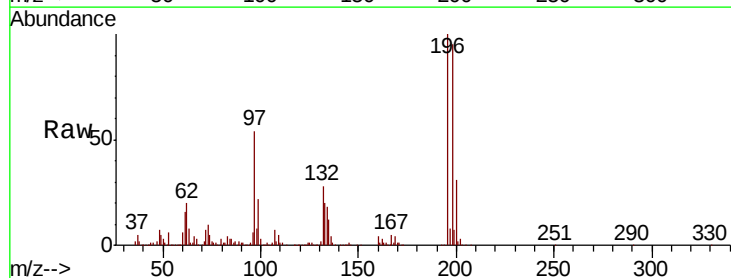
Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

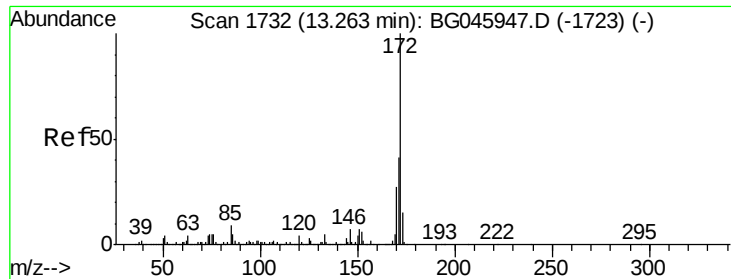
Tot Ion	196	Resp	328422
Ion Ratio	Lower	Upper	
196	100		
198	92.1	76.7	115.1
200	31.4	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.070 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Tgt Ion	196	Resp	357752
Ion Ratio	Lower	Upper	
196	100		
198	95.1	77.0	115.6
97	54.1	44.3	66.5
132	28.2	23.1	34.7

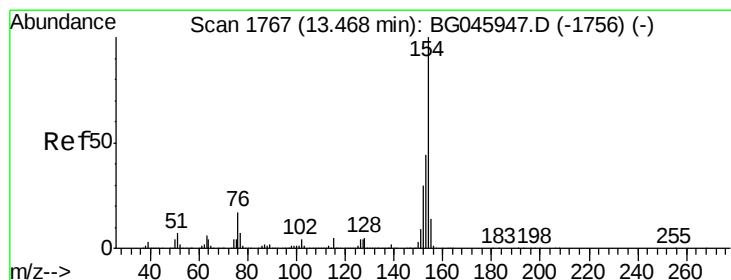
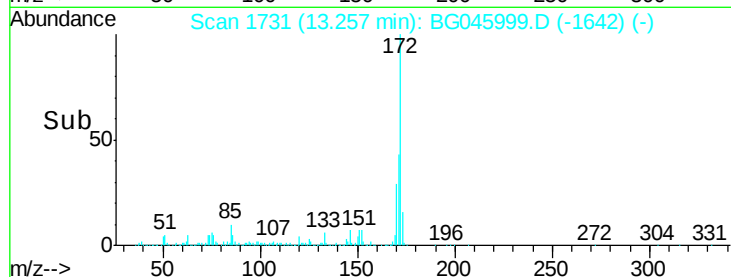
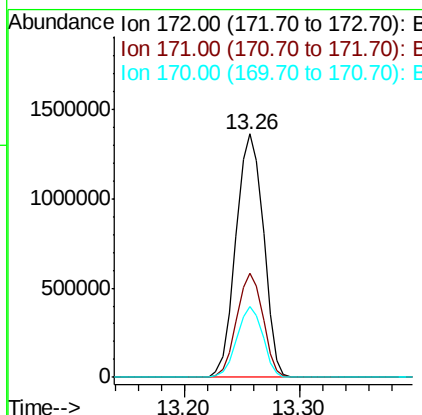
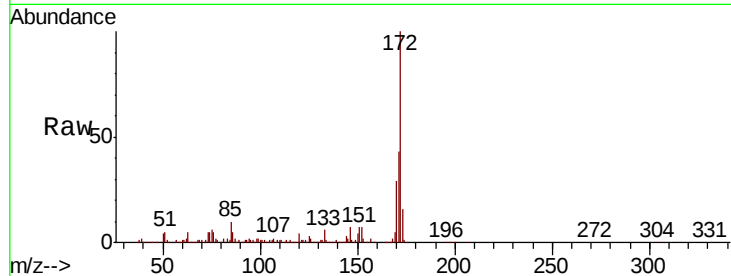




#45
2-Fluorobiphenyl
Concen: 91.245 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

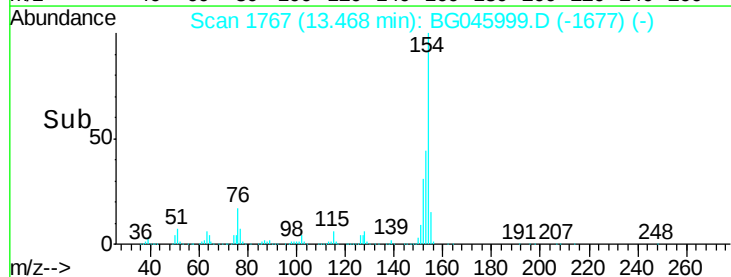
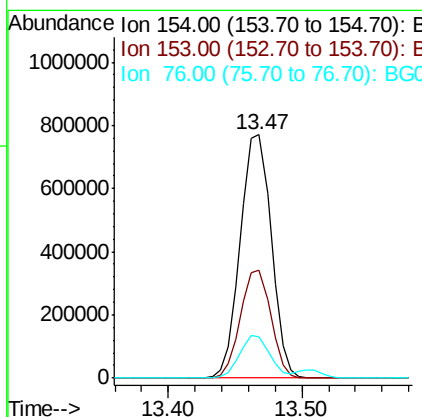
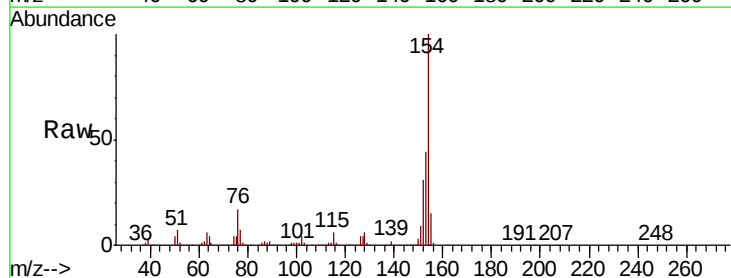
Instrument :
BNA_G
ClientSampleId :
PB130037BS

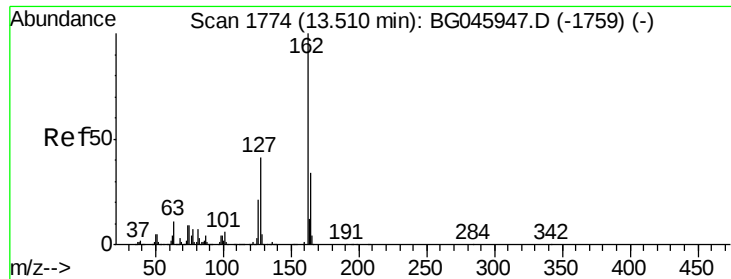
Tot Ion:172 Resp: 2254159
Ion Ratio Lower Upper
172 100
171 42.5 32.9 49.3
170 29.1 21.8 32.6



#46
1,1'-Biphenyl
Concen: 42.827 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:154 Resp: 1241480
Ion Ratio Lower Upper
154 100
153 44.4 23.6 63.6
76 17.2 0.0 36.9

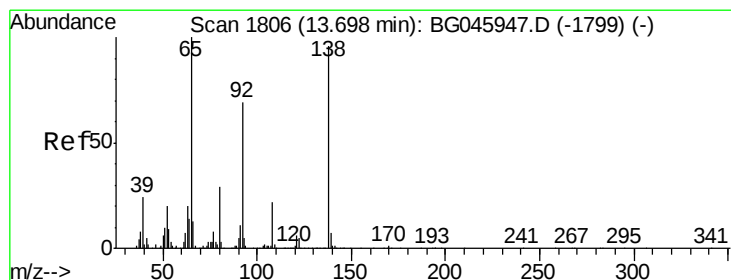
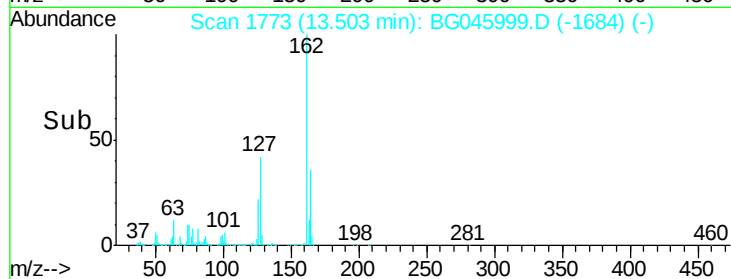
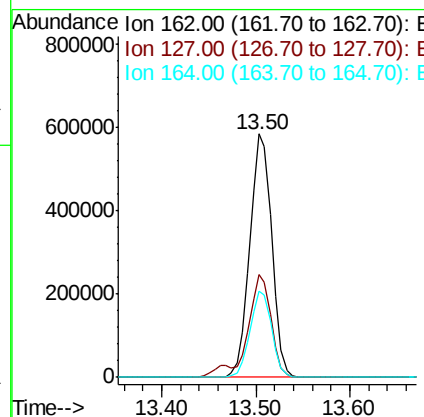
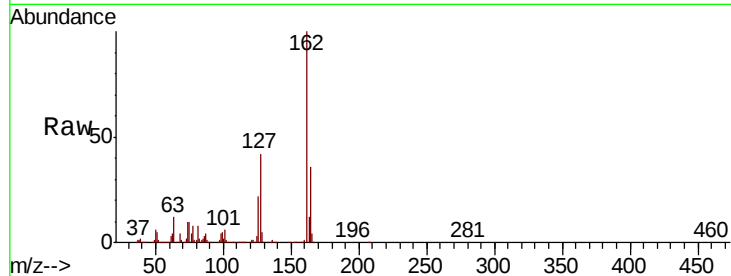




#47
2-Chloronaphthalene
Concen: 41.068 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

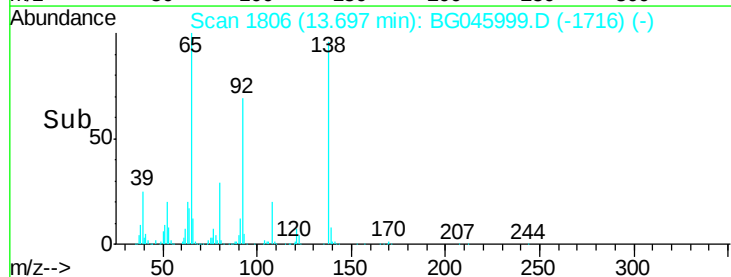
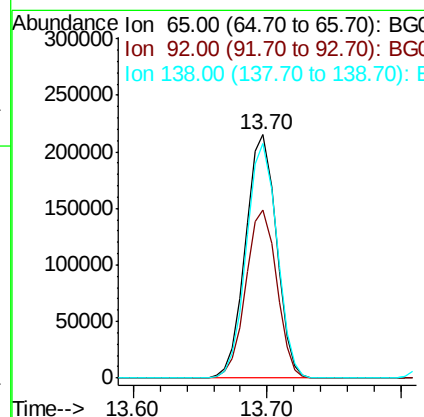
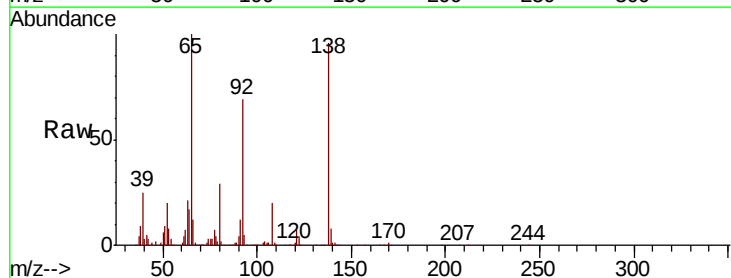
Instrument :
BNA_G
ClientSampleId :
PB130037BS

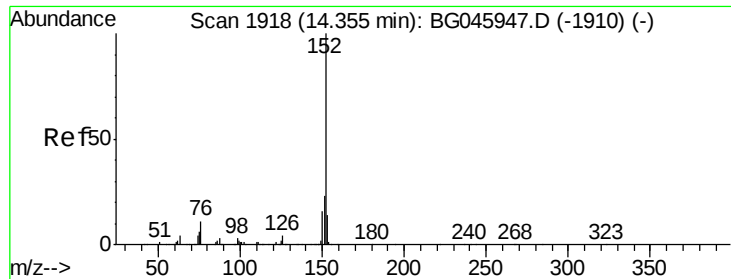
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	32.5	48.7
164	35.6	27.2	40.8



#48
2-Nitroaniline
Concen: 53.310 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	55.4	83.0
138	96.4	77.0	115.4





#49

Acenaphthylene

Concen: 41.707 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

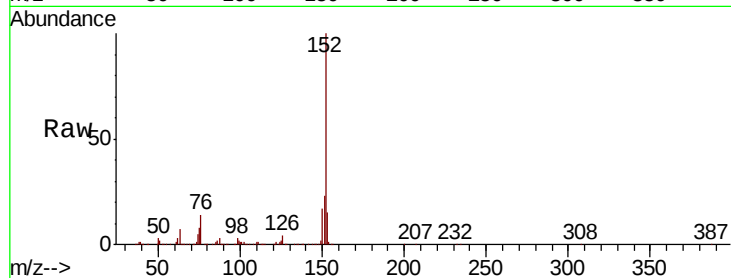
BNA_G

ClientSampleId :

PB130037BS

Tot Ion:152 Resp: 1539071

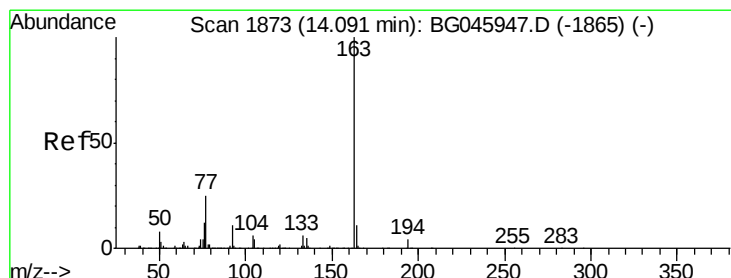
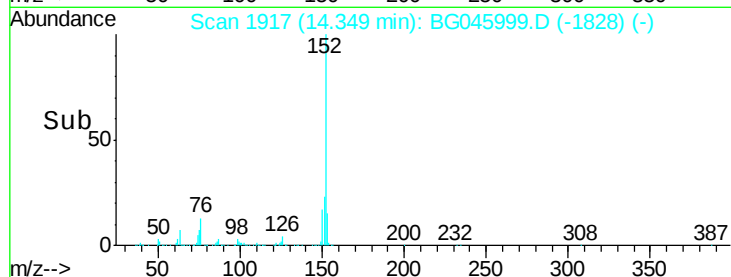
Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.1	27.1
153	14.8	11.5	17.3



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: 41.641 ng

RT: 14.09 min Scan# 1872

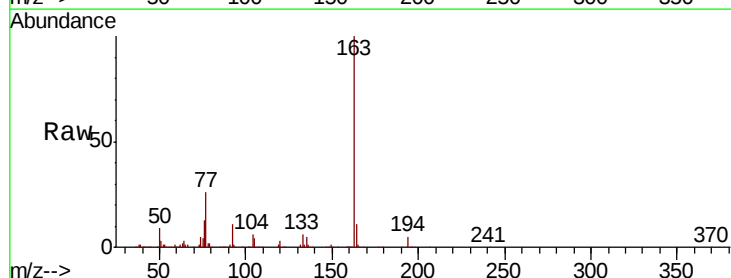
Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Tgt Ion:163 Resp: 1204243

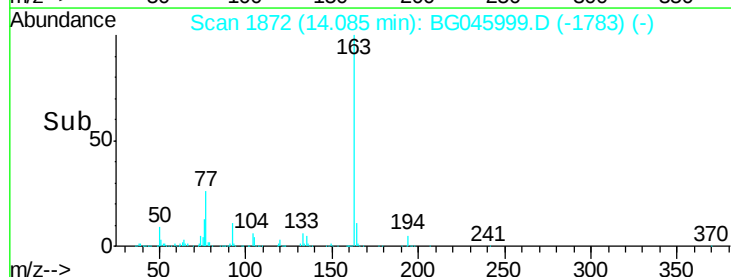
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	11.4	8.9	13.3

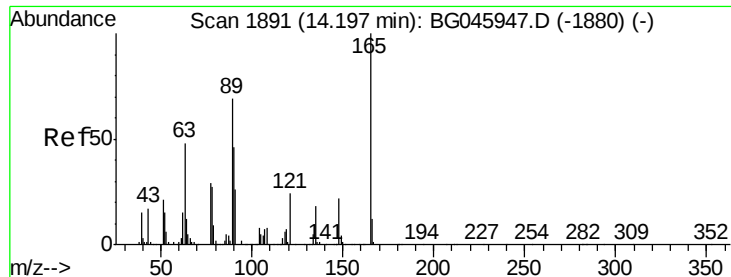


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

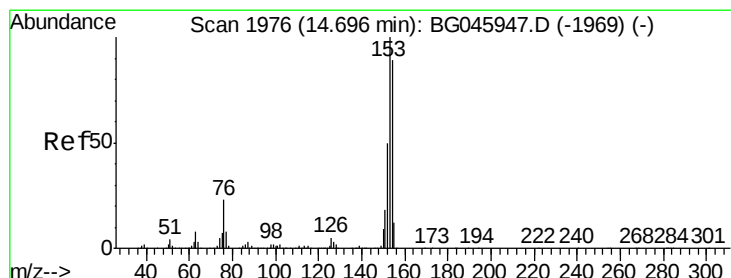
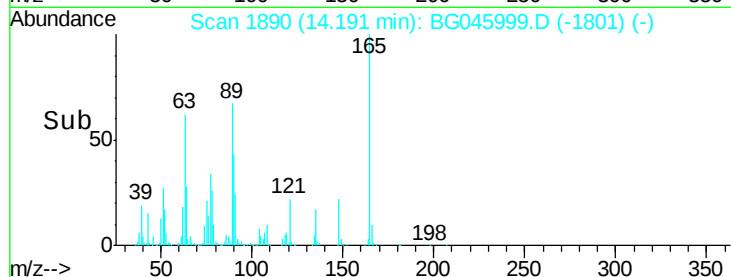
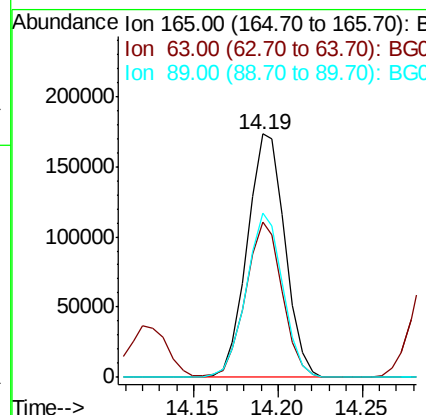
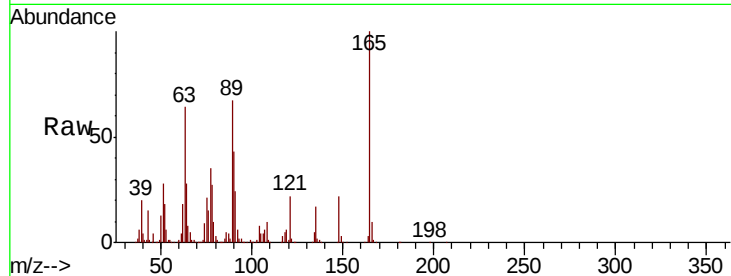




#51
2,6-Dinitrotoluene
Concen: 51.494 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

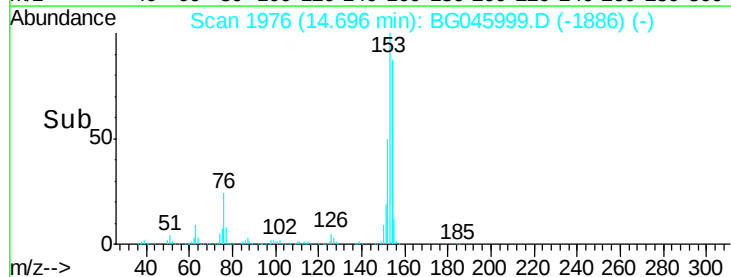
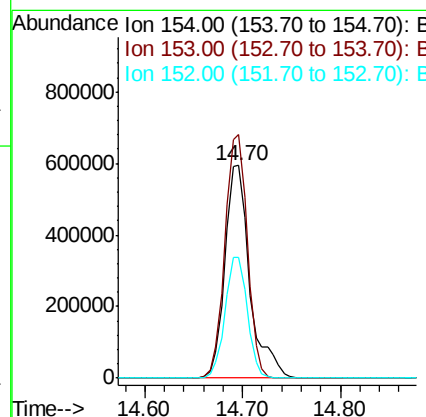
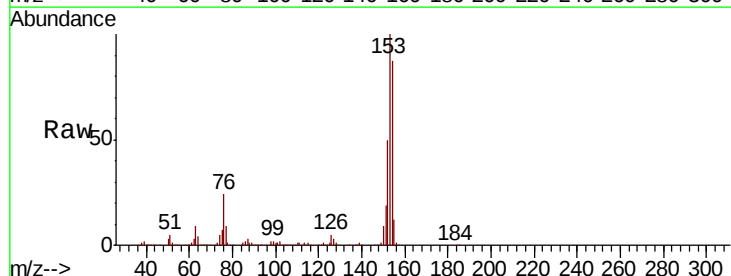
Instrument :
BNA_G
ClientSampleId :
PB130037BS

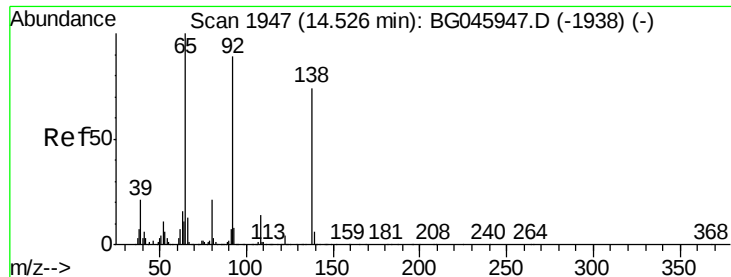
Tot Ion:165 Resp: 267692
Ion Ratio Lower Upper
165 100
63 63.6 51.0 76.4
89 67.5 55.7 83.5



#52
Acenaphthene
Concen: 45.250 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:154 Resp: 1053251
Ion Ratio Lower Upper
154 100
153 114.6 89.7 134.5
152 57.0 44.7 67.1

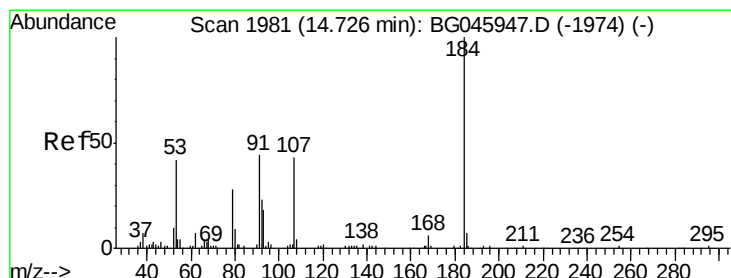
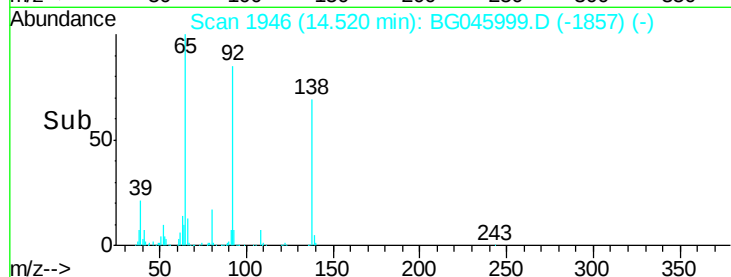
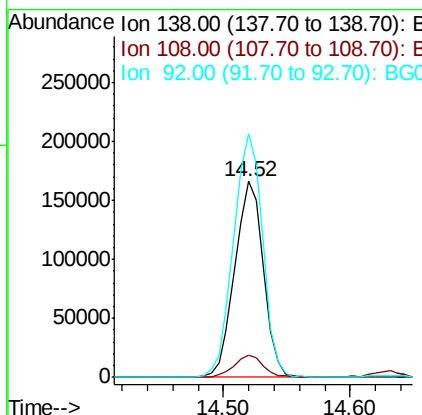
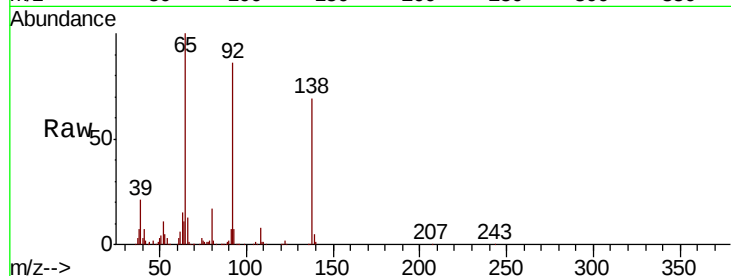




#53
3-Nitroaniline
Concen: 41.111 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

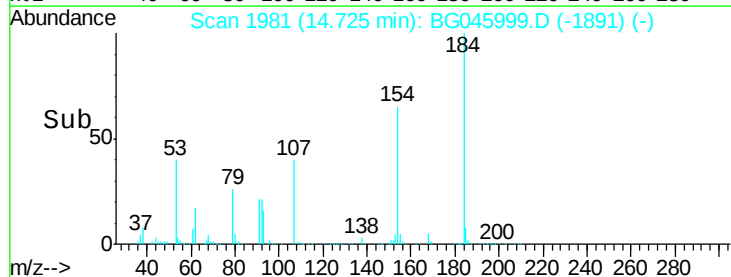
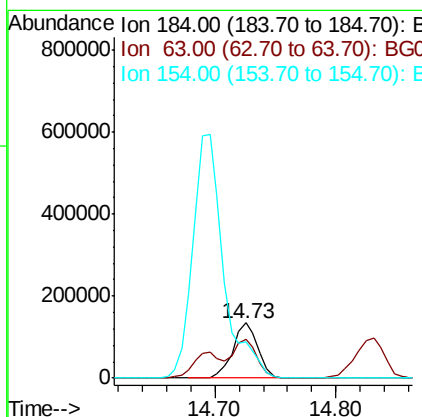
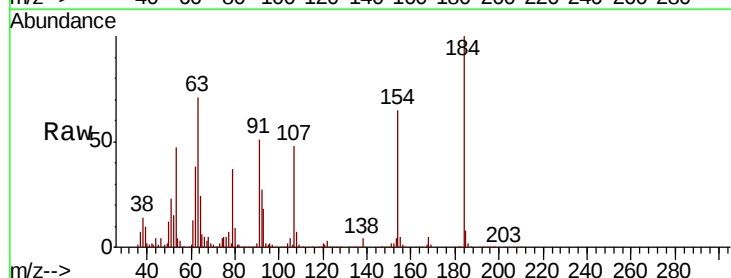
Instrument :
BNA_G
ClientSampleId :
PB130037BS

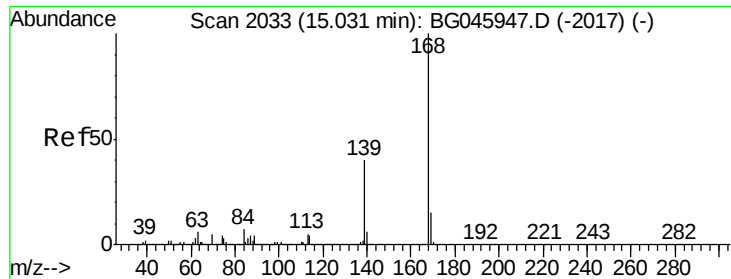
Tot Ion:138 Resp: 258025
Ion Ratio Lower Upper
138 100
108 11.3 15.4 23.2#
92 124.1 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 99.567 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:184 Resp: 195795
Ion Ratio Lower Upper
184 100
63 70.9 46.0 69.0#
154 65.3 58.2 87.2

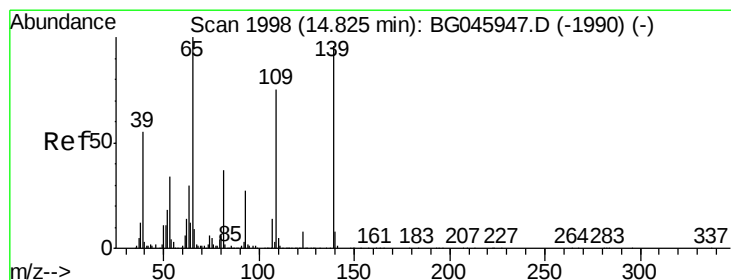
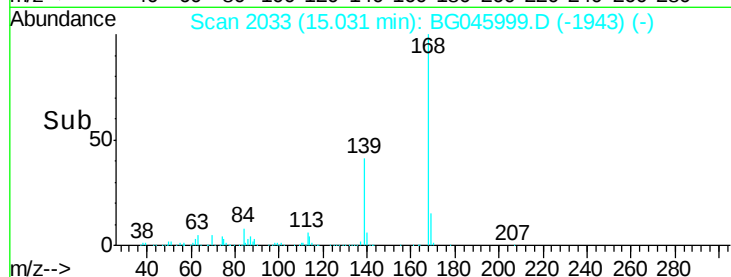
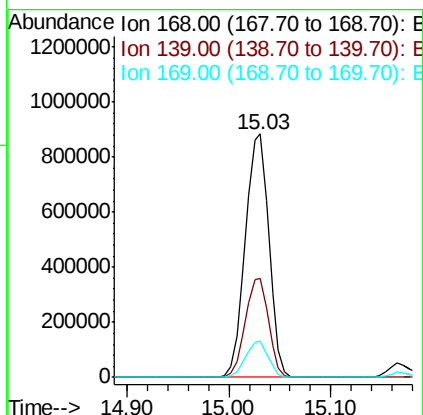
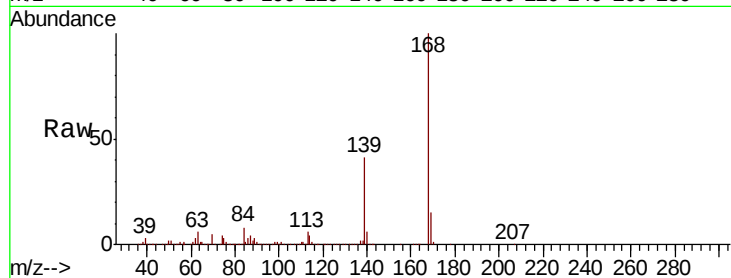




#55
Dibenzofuran
Concen: 41.670 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

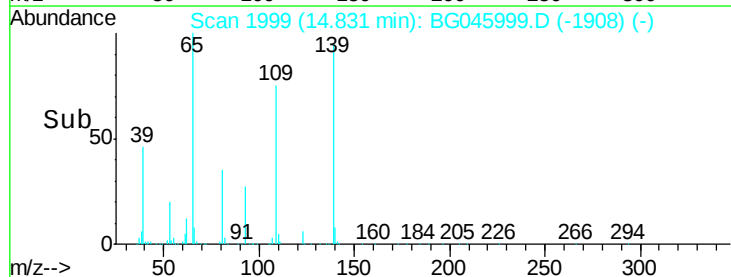
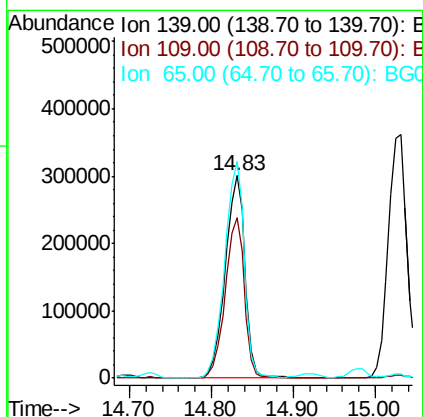
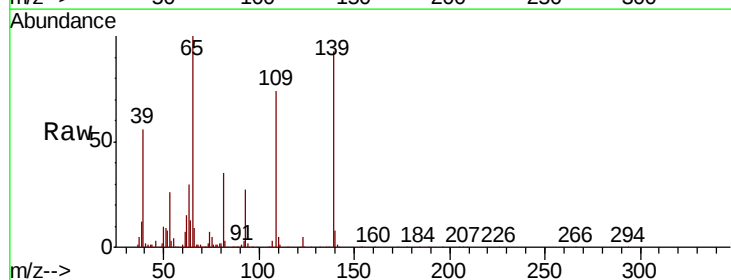
Instrument :
BNA_G
ClientSampleId :
PB130037BS

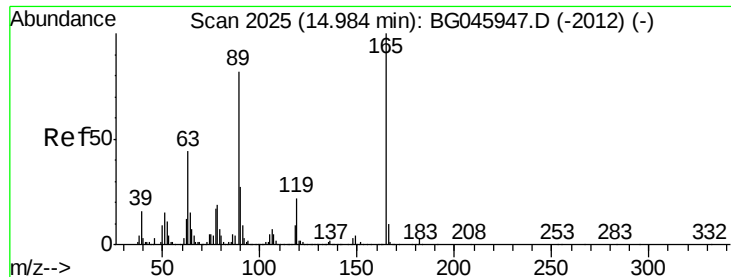
Tot Ion:168 Resp: 1421770
Ion Ratio Lower Upper
168 100
139 40.9 32.2 48.2
169 14.9 11.8 17.8



#56
4-Nitrophenol
Concen: 106.413 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:139 Resp: 501373
Ion Ratio Lower Upper
139 100
109 79.4 58.5 98.5
65 107.2 84.7 124.7

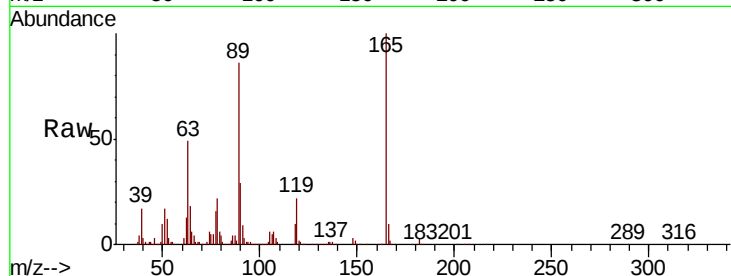




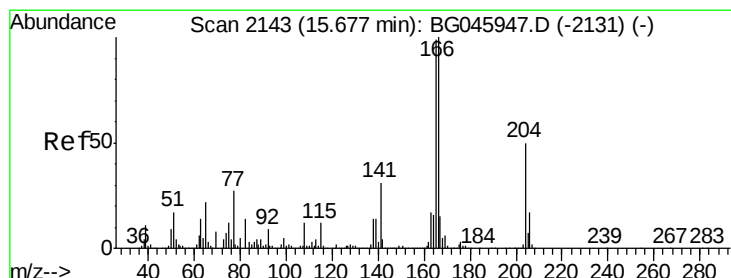
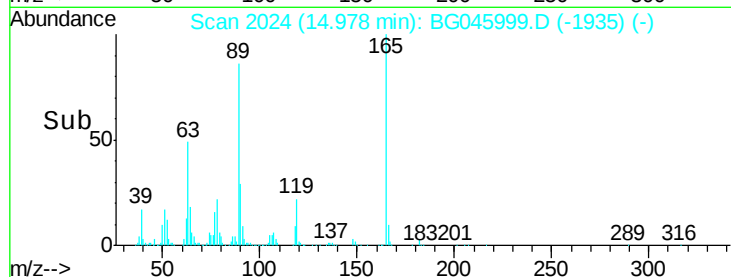
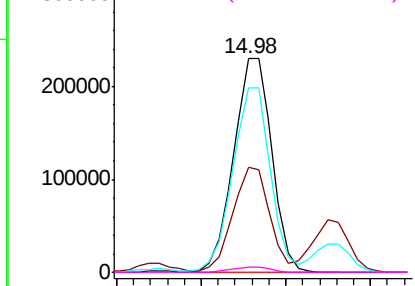
#57
 2,4-Dinitrotoluene
 Concen: 53.952 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

Tot Ion:165	Resp:	361688
Ion Ratio	Lower	Upper
165	100	
63	49.0	35.4 53.0
89	86.3	65.4 98.2
182	2.5	2.0 3.0

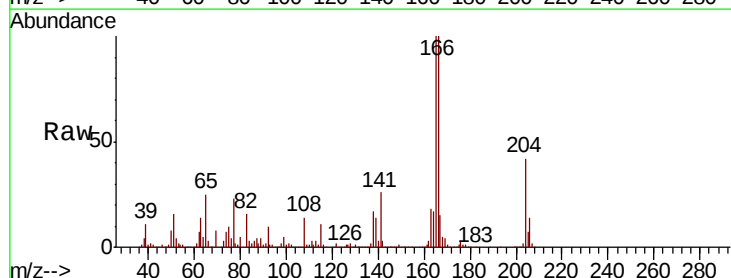


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

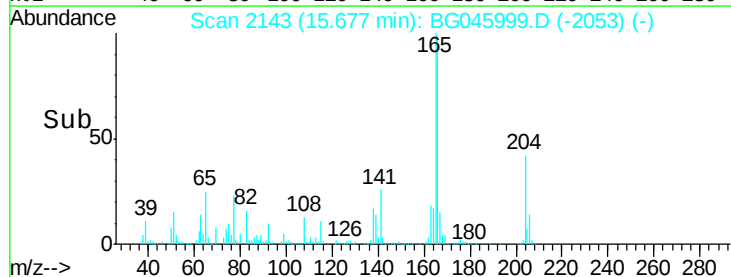
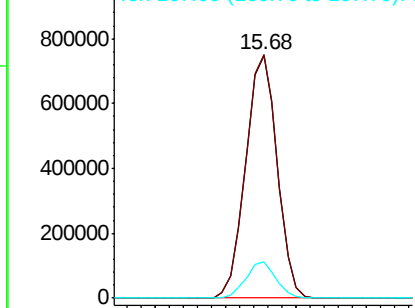


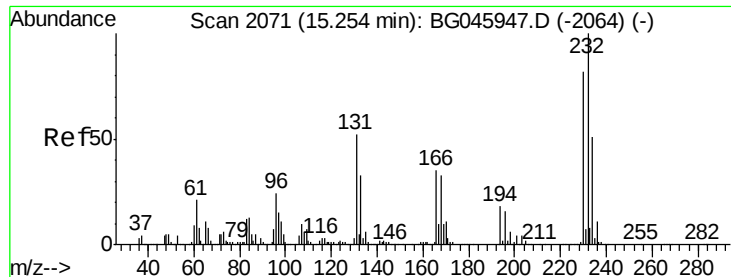
#58
 Fluorene
 Concen: 41.733 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Tgt Ion:166	Resp:	1168112
Ion Ratio	Lower	Upper
166	100	
165	100.4	78.9 118.3
167	15.1	12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

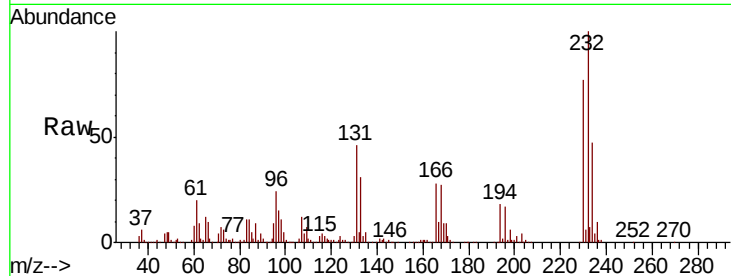




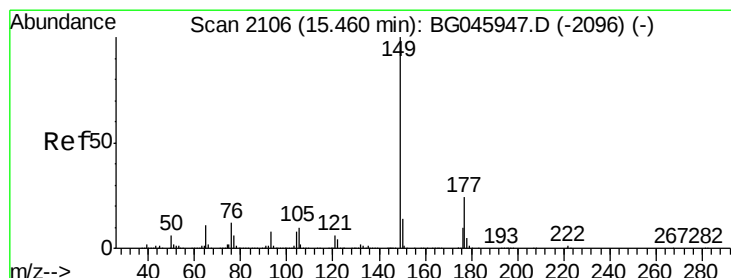
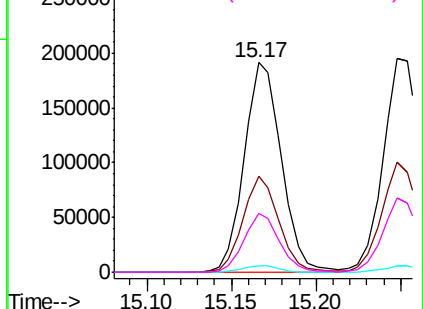
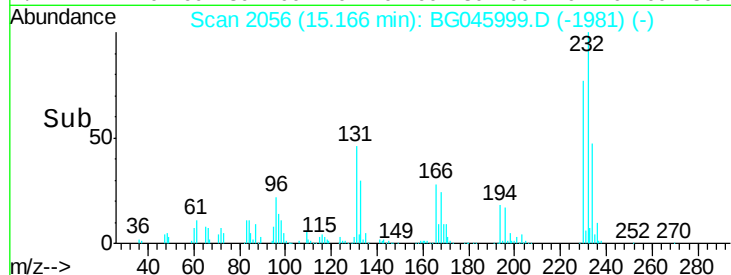
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.686 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.09 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

Tot Ion:232	Resp:	292989
Ion Ratio	Lower	Upper
232 100		
131 44.2	35.8	53.6
130 3.0	2.5	3.7
166 26.9	21.8	32.8

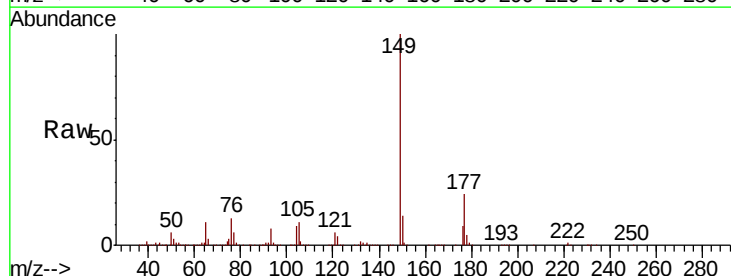


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

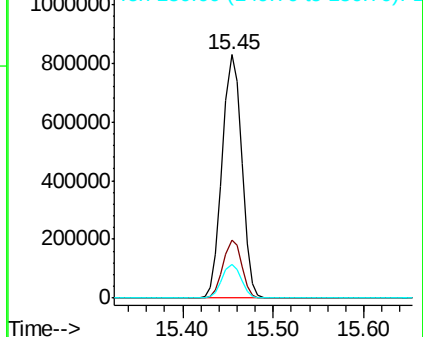
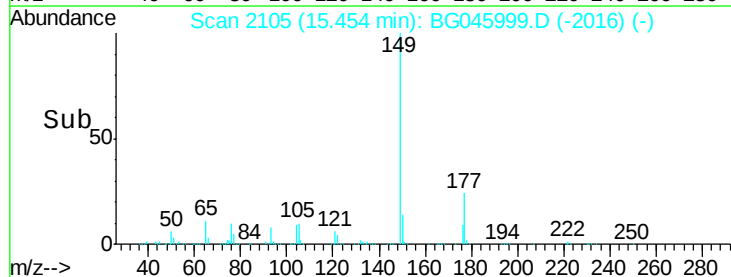


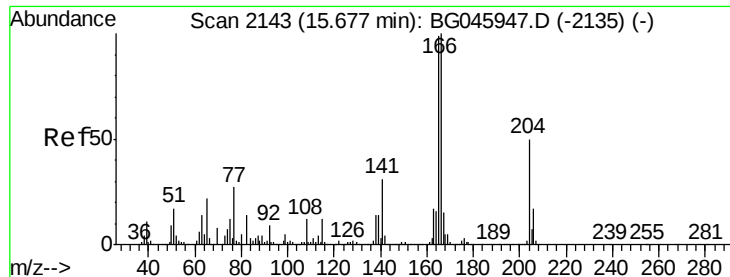
#60
 Diethylphthalate
 Concen: 40.901 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Tgt Ion:149	Resp: 1240461
Ion Ratio	Lower Upper
149 100	
177 23.9	19.0 28.4
150 14.0	11.0 16.4



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

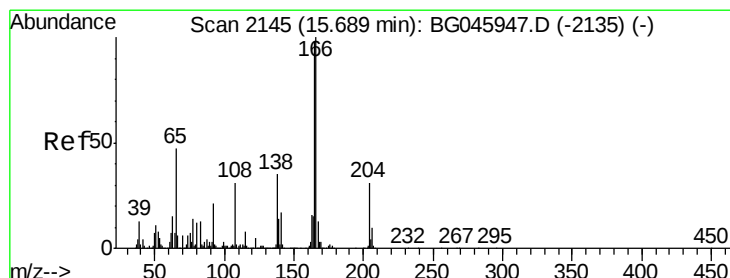
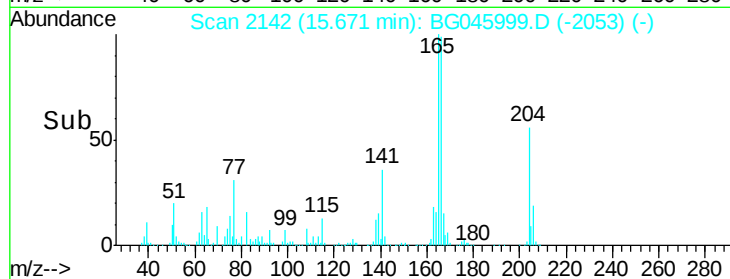
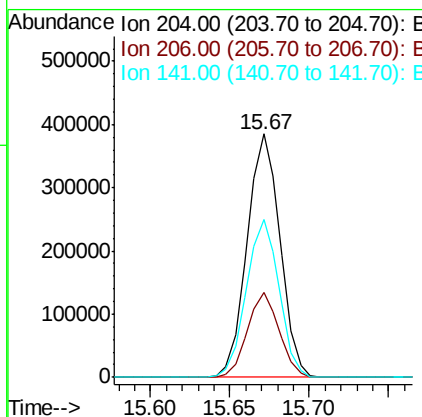
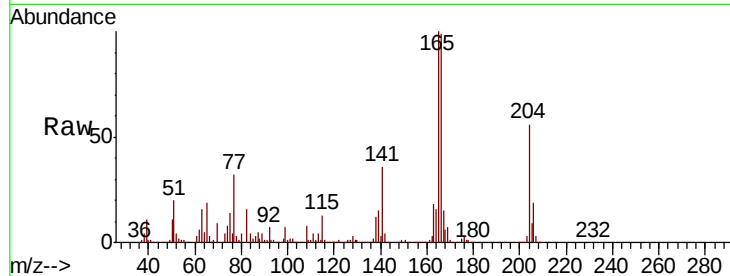




#61
4-Chlorophenyl-phenylether
Concen: 39.874 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

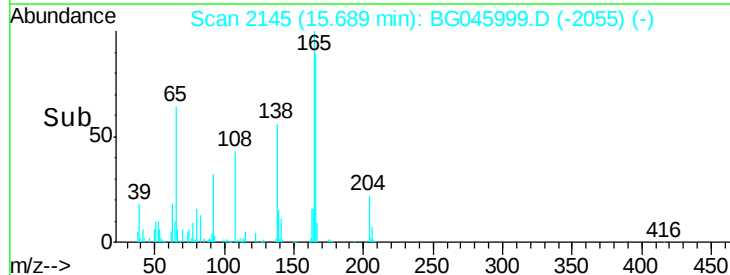
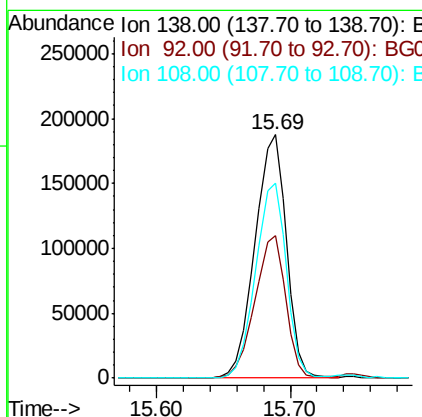
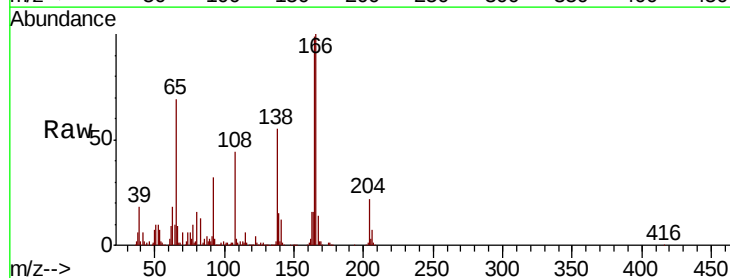
Instrument :
BNA_G
ClientSampleId :
PB130037BS

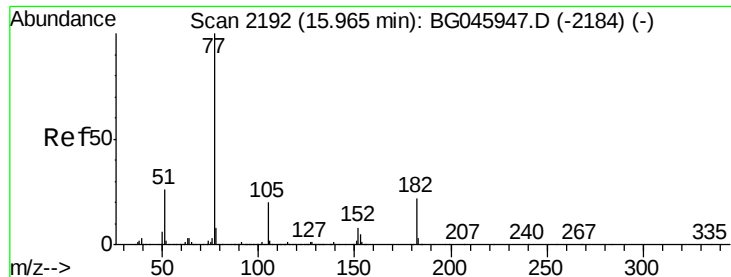
Tot Ion:204 Resp: 555243
Ion Ratio Lower Upper
204 100
206 34.8 27.1 40.7
141 64.9 49.8 74.8



#62
4-Nitroaniline
Concen: 50.951 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:138 Resp: 304539
Ion Ratio Lower Upper
138 100
92 58.3 40.3 80.3
108 80.0 68.0 108.0





#63

Azobenzene

Concen: 43.275 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

Tot Ion: 77 Resp: 1408667

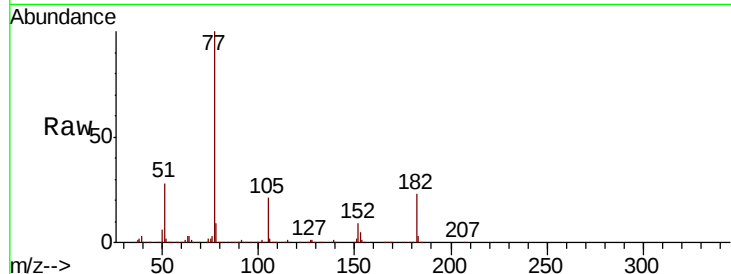
Ion	Ratio	Lower	Upper
77	100		
182	23.3	2.4	42.4
105	20.8	0.3	40.3
51	27.8	6.3	46.3

77 100

182 23.3 2.4 42.4

105 20.8 0.3 40.3

51 27.8 6.3 46.3



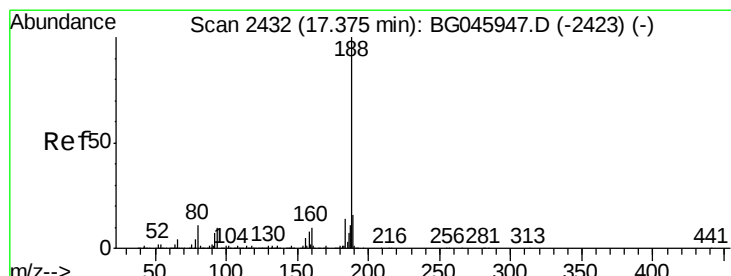
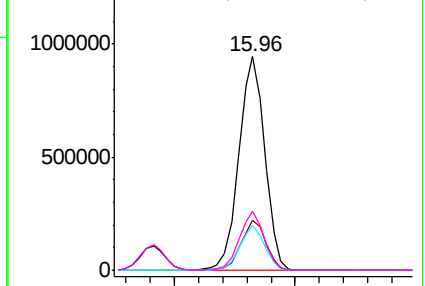
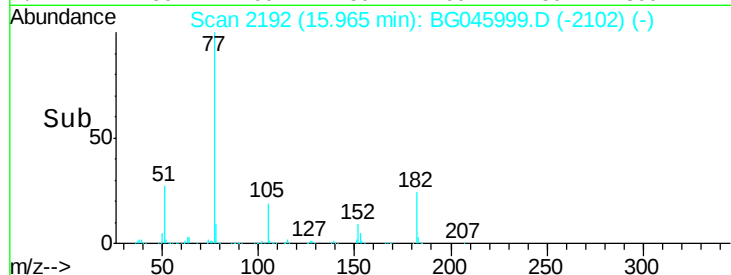
Abundance

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: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

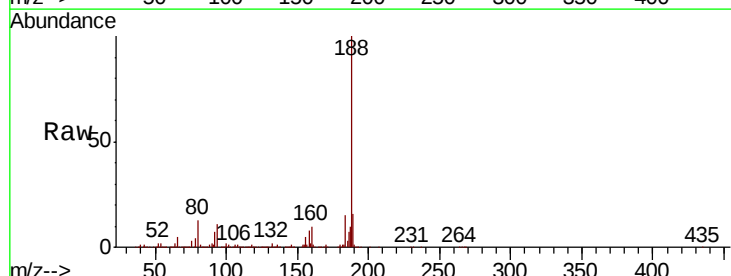
Tgt Ion: 188 Resp: 791409

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.2	12.4
80	12.9	9.0	13.6

188 100

94 10.9 8.2 12.4

80 12.9 9.0 13.6

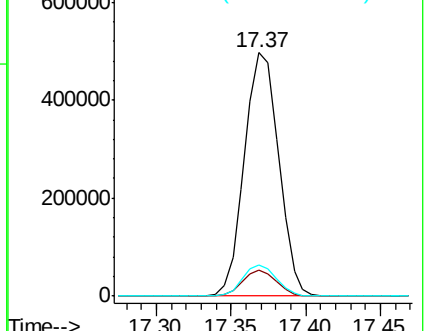
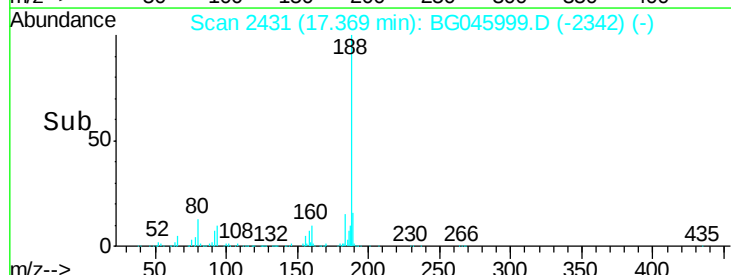


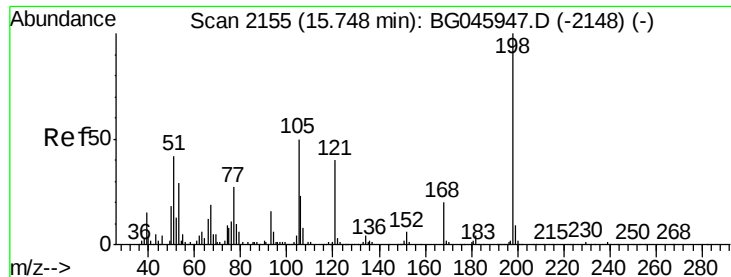
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.629 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

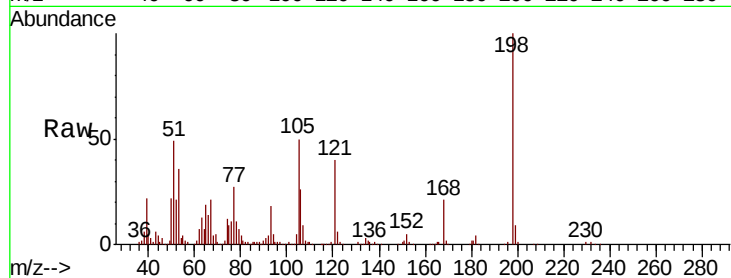
BNA_G

ClientSampleId :

PB130037BS

Tot Ion:198 Resp: 142317

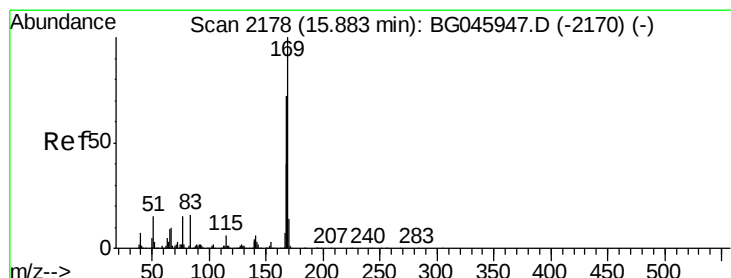
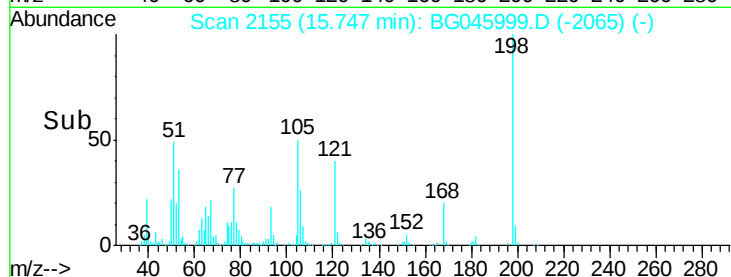
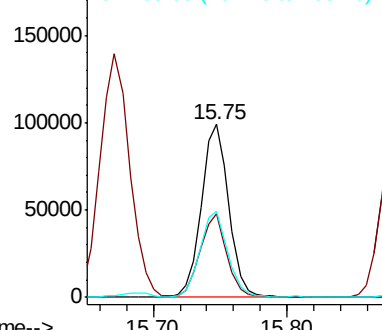
Ion	Ratio	Lower	Upper
198	100		
51	48.7	24.5	64.5
105	49.9	30.9	70.9



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: 42.376 ng

RT: 15.88 min Scan# 2178

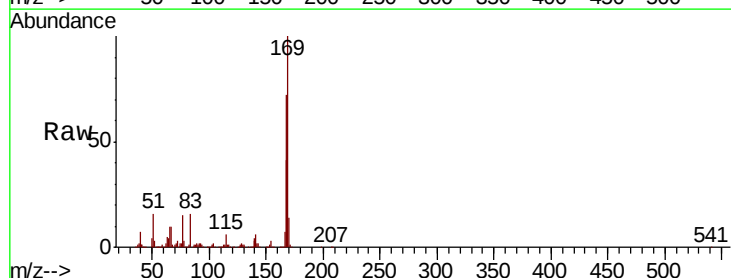
Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Tgt Ion:169 Resp: 1039252

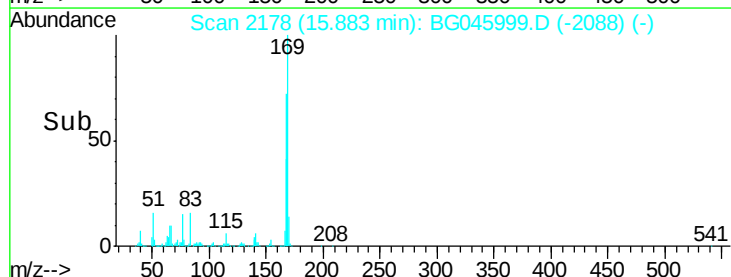
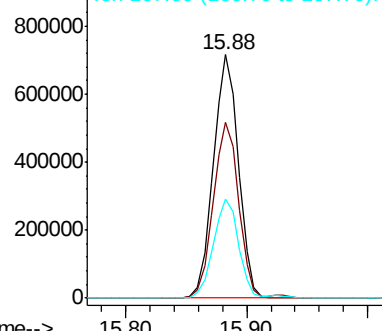
Ion	Ratio	Lower	Upper
169	100		
168	72.5	57.3	85.9
167	40.8	32.1	48.1

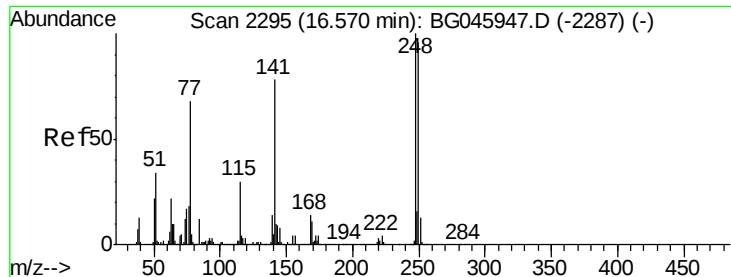


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

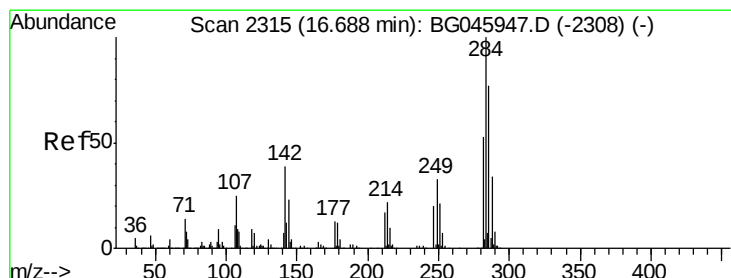
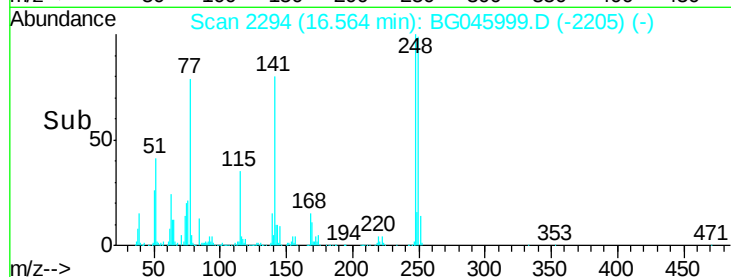
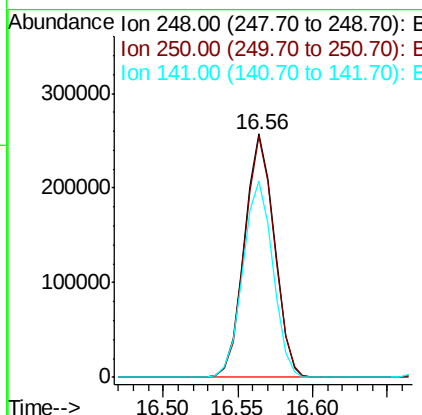
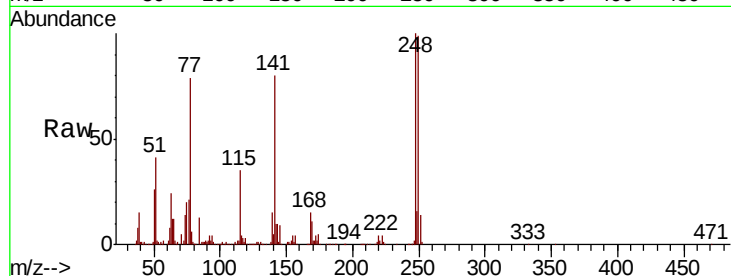




#67
4-Bromophenyl-phenylether
Concen: 40.294 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

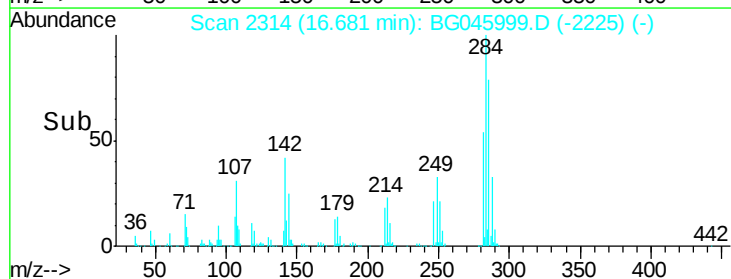
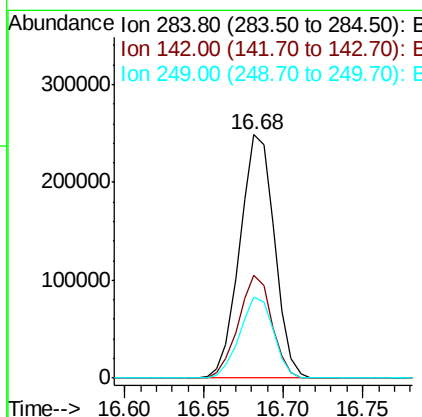
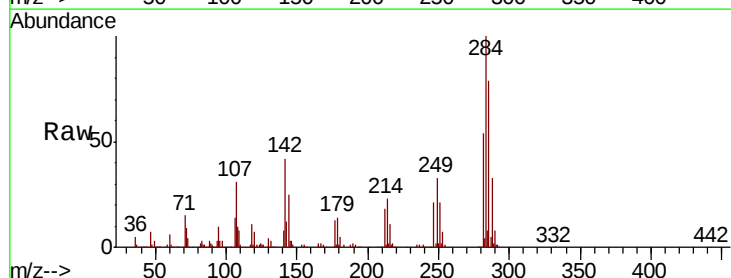
Instrument :
BNA_G
ClientSampleId :
PB130037BS

Tot Ion:248 Resp: 356152
Ion Ratio Lower Upper
248 100
250 99.2 76.6 114.8
141 80.5 62.7 94.1



#68
Hexachlorobenzene
Concen: 42.495 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:284 Resp: 376920
Ion Ratio Lower Upper
284 100
142 42.5 31.3 46.9
249 33.5 26.8 40.2





#69

Atrazine

Concen: 46.904 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

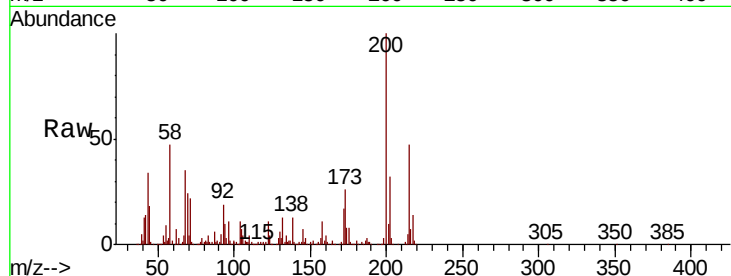
Tot Ion:200 Resp: 340095

Ion Ratio Lower Upper

200 100

173 25.8 9.1 49.1

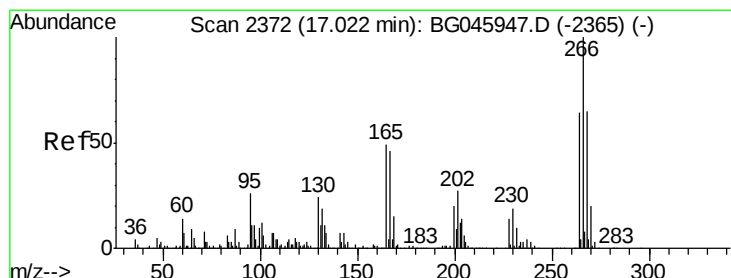
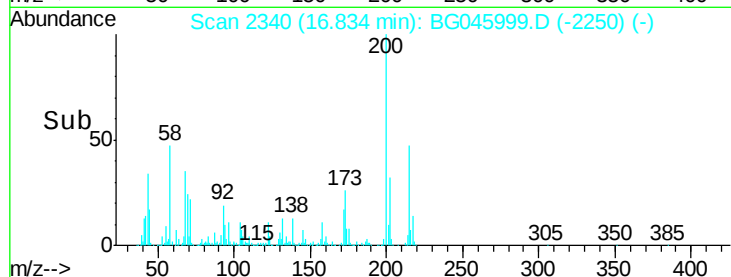
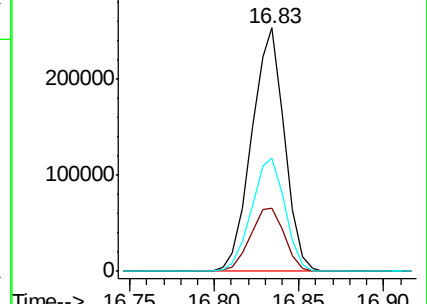
215 46.7 28.8 68.8



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: 93.902 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

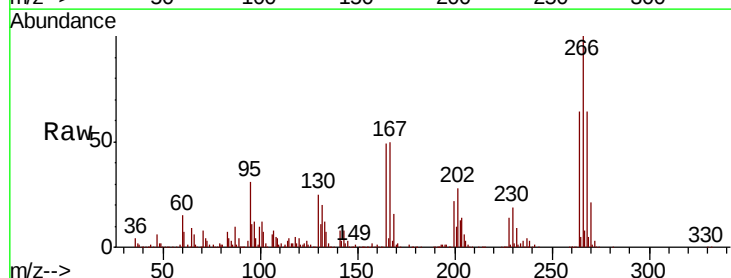
Tgt Ion:266 Resp: 463072

Ion Ratio Lower Upper

266 100

268 64.1 51.8 77.8

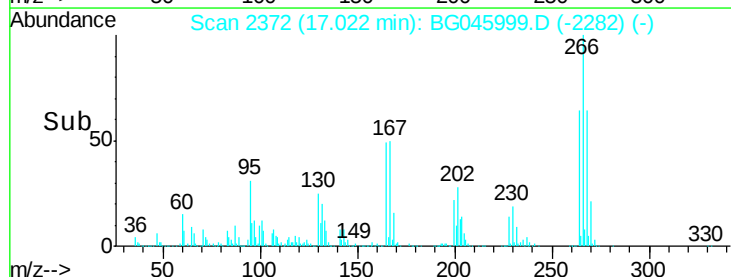
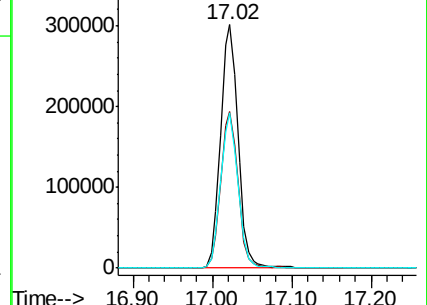
264 63.8 51.4 77.0

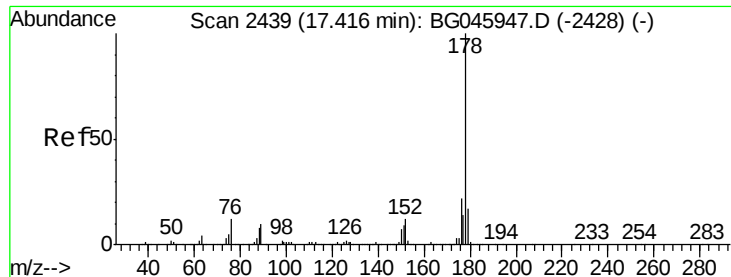


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

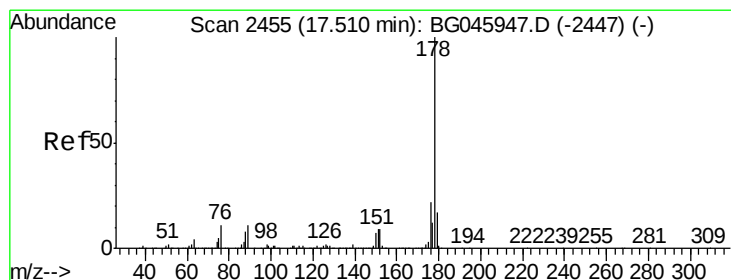
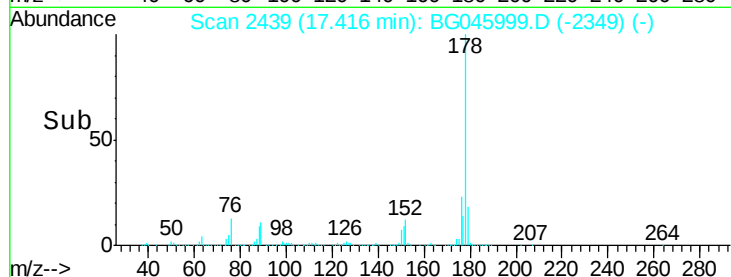
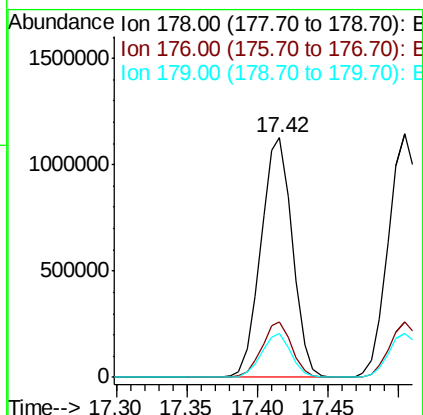
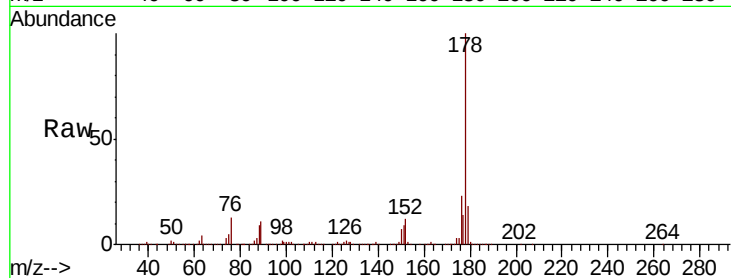




#71
Phenanthrene
Concen: 42.256 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

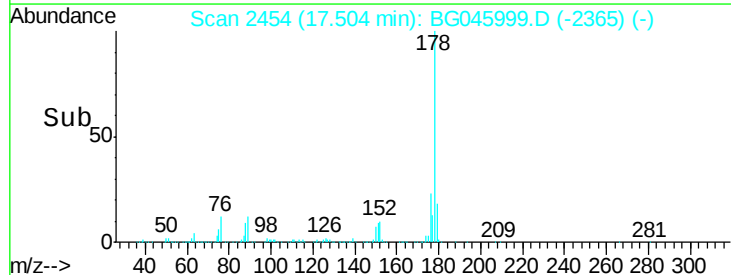
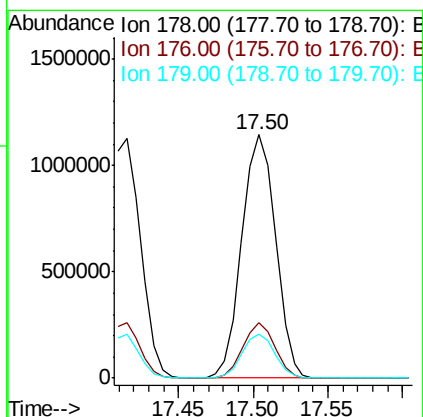
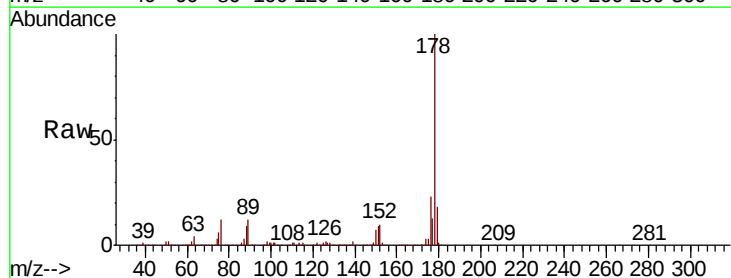
Instrument :
BNA_G
ClientSampleId :
PB130037BS

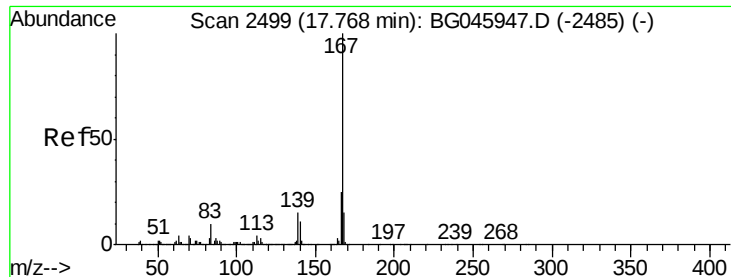
Tot Ion:178 Resp: 1767984
Ion Ratio Lower Upper
178 100
176 23.0 17.4 26.2
179 18.4 13.4 20.2



#72
Anthracene
Concen: 42.341 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:178 Resp: 1797817
Ion Ratio Lower Upper
178 100
176 22.9 17.2 25.8
179 18.3 14.0 21.0





#73

Carbazole

Concen: 40.505 ng

RT: 17.77 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

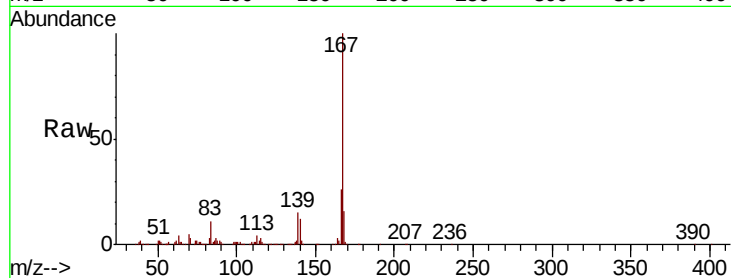
BNA_G

ClientSampleId :

PB130037BS

Tot Ion:167 Resp: 1723907

Ion	Ratio	Lower	Upper
167	100		
166	26.4	20.4	30.6
139	14.7	11.8	17.8

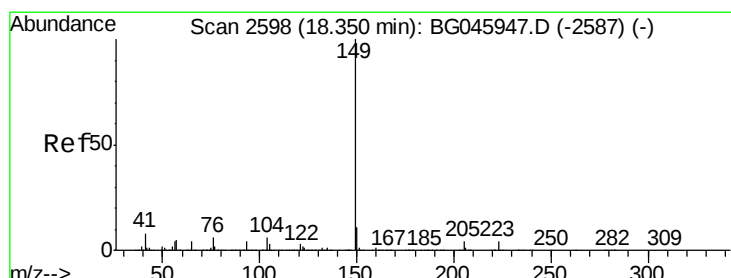
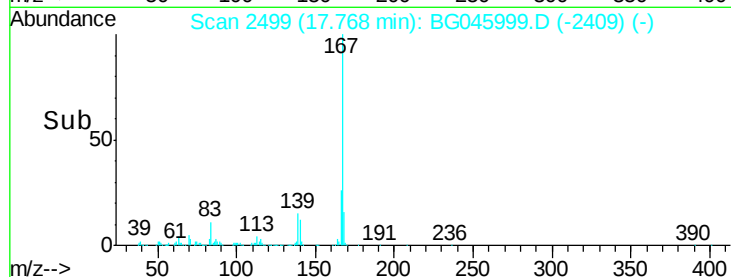
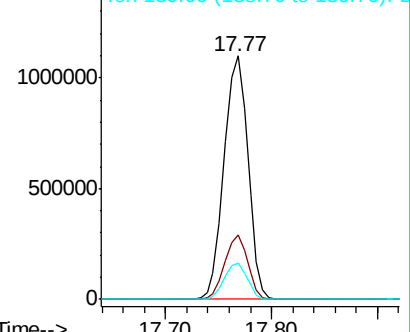


Abundance

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: 39.668 ng

RT: 18.34 min Scan# 2597

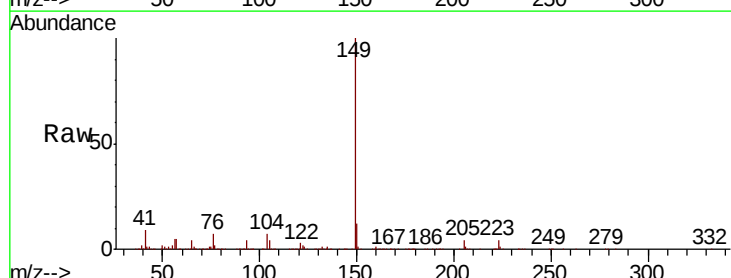
Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Tgt Ion:149 Resp: 2040103

Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.0	13.4
104	7.0	5.2	7.8

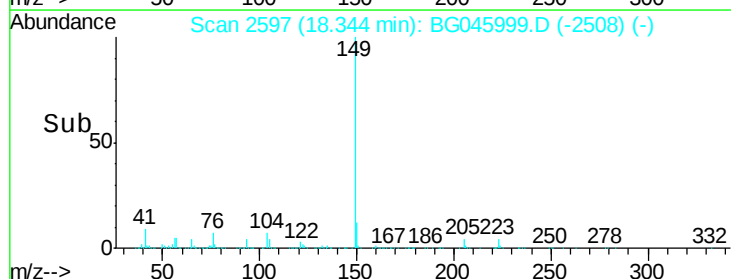
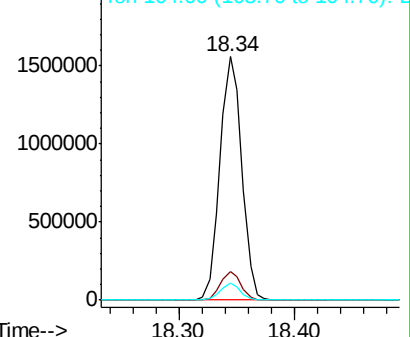


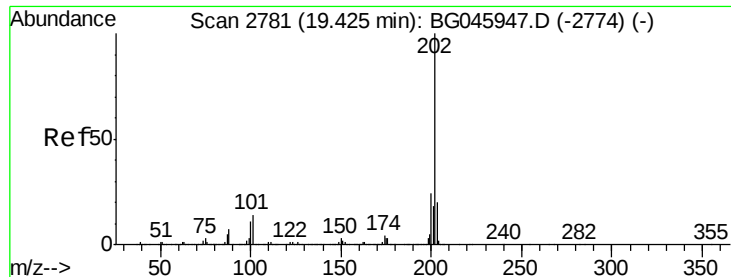
Abundance

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: 42.038 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

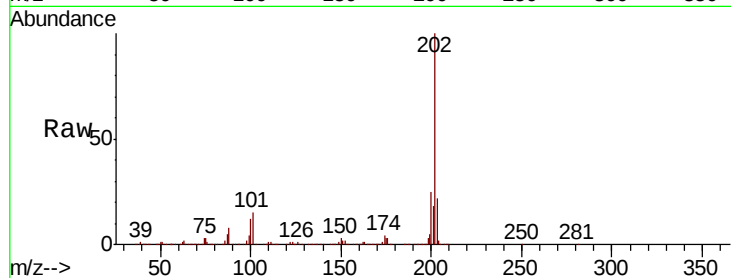
Tot Ion:202 Resp: 2033254

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.8

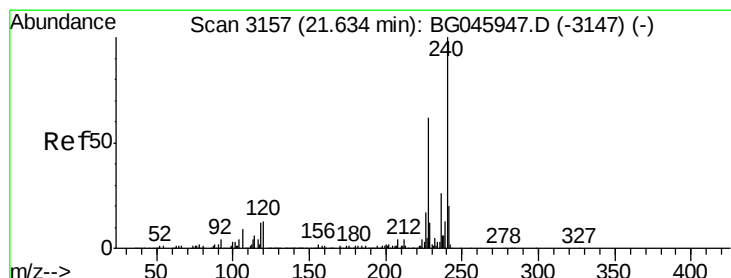
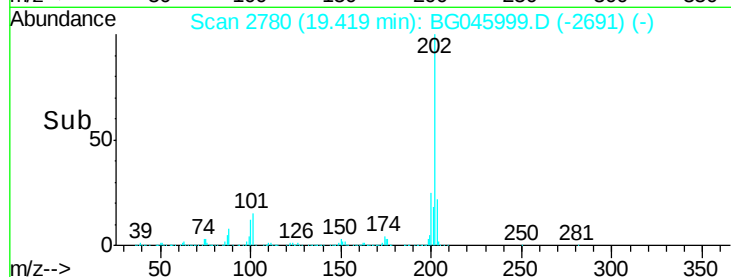
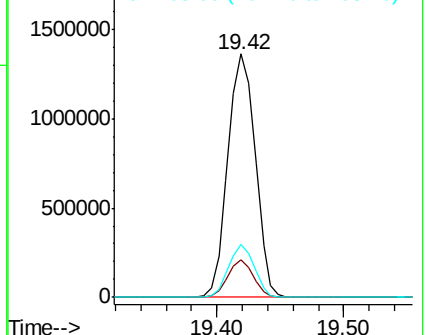
203 21.5 0.4 40.4



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: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

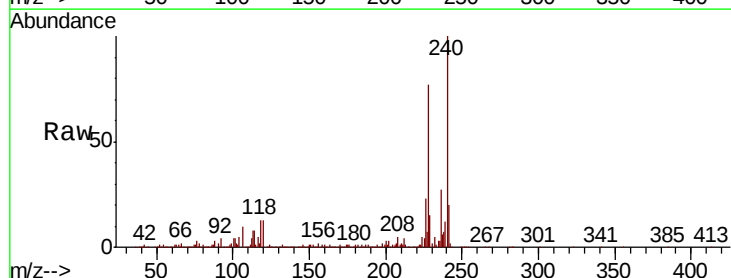
Tgt Ion:240 Resp: 668432

Ion Ratio Lower Upper

240 100

120 13.1 10.6 16.0

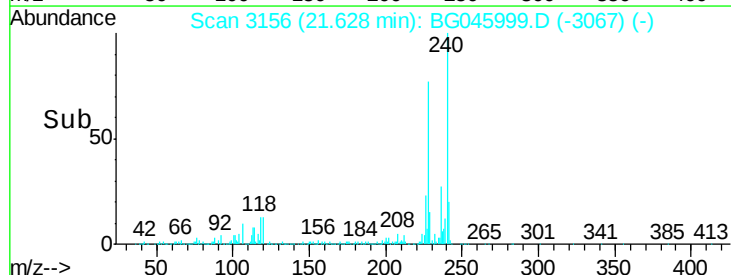
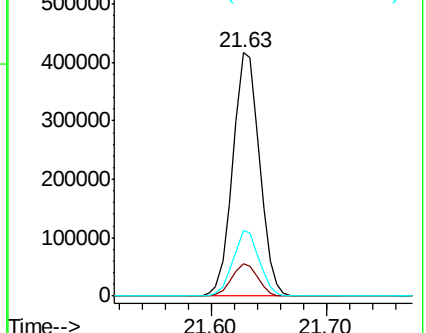
236 27.0 20.4 30.6

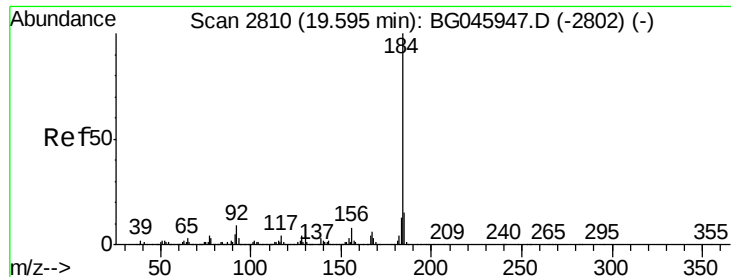


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.056 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

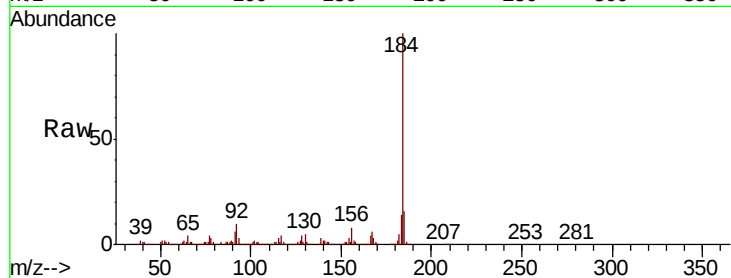
BNA_G

ClientSampleId :

PB130037BS

Tot Ion:184 Resp: 1166915

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.6	17.4
183	13.7	10.4	15.6

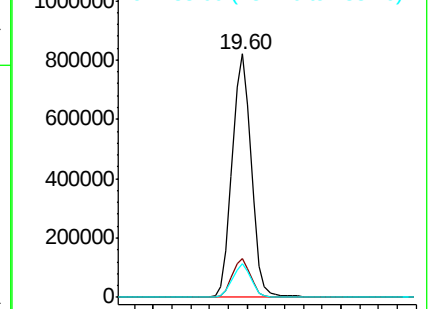


Abundance

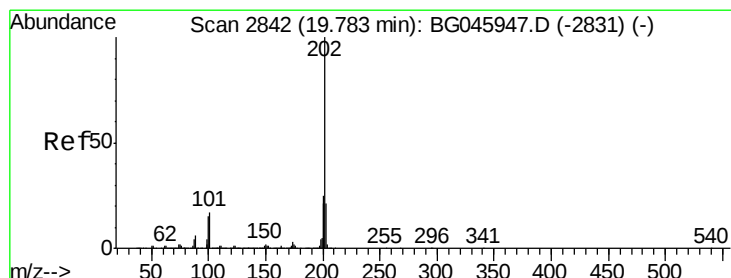
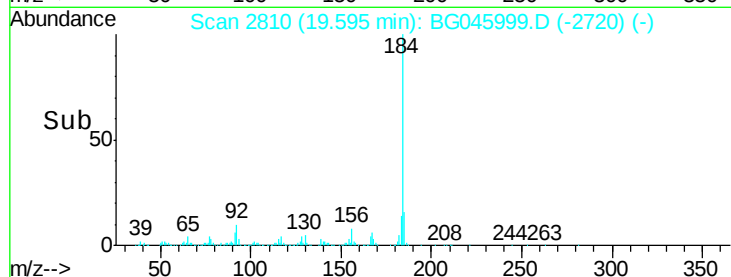
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 43.865 ng

RT: 19.78 min Scan# 2842

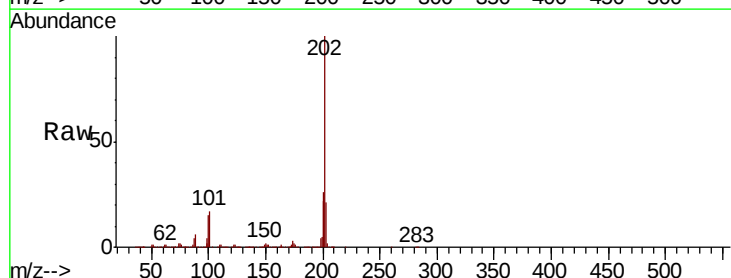
Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Tgt Ion:202 Resp: 2001437

Ion	Ratio	Lower	Upper
202	100		
200	26.0	20.1	30.1
203	21.5	16.5	24.7

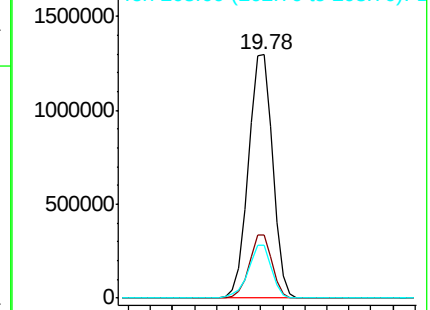


Abundance

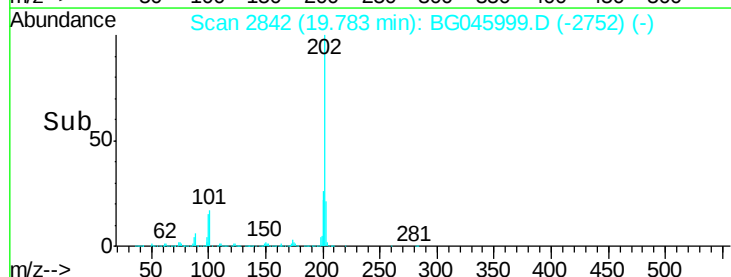
Ion 202.00 (201.70 to 202.70): E

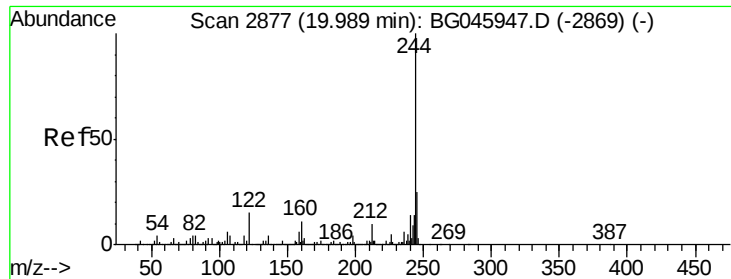
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 94.396 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

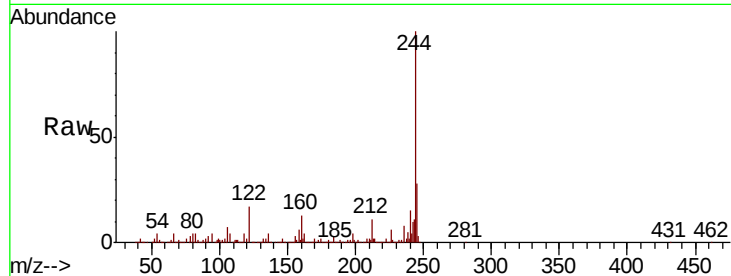
BNA_G

ClientSampleId :

PB130037BS

Tot Ion:244 Resp: 2835193

Ion	Ratio	Lower	Upper
244	100		
212	11.4	8.3	12.5
122	16.6	12.1	18.1

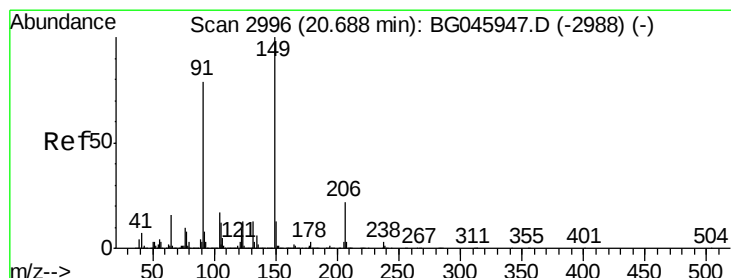
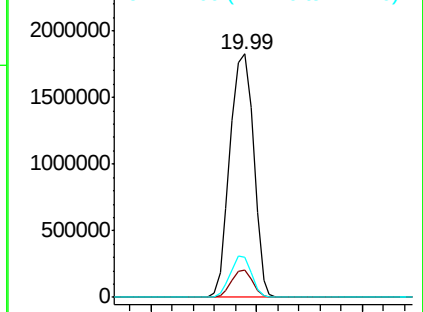
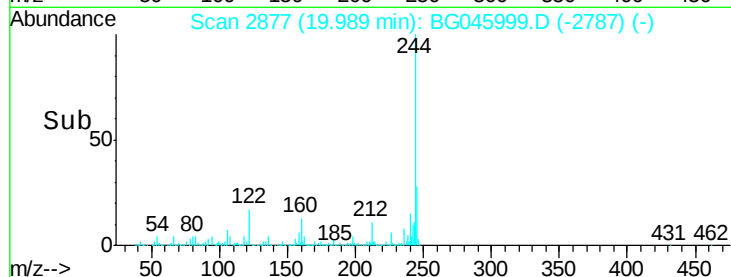


Abundance

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: 44.468 ng

RT: 20.68 min Scan# 2995

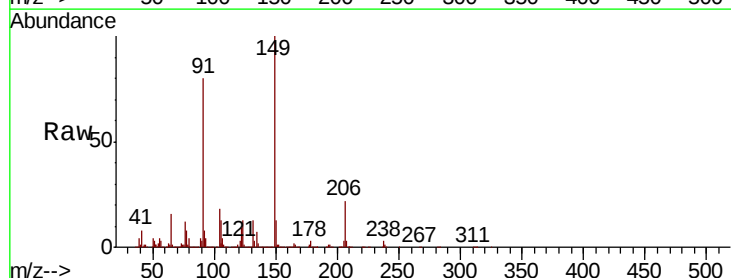
Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Tgt Ion:149 Resp: 958794

Ion	Ratio	Lower	Upper
149	100		
91	79.9	63.1	94.7
206	21.9	17.4	26.0

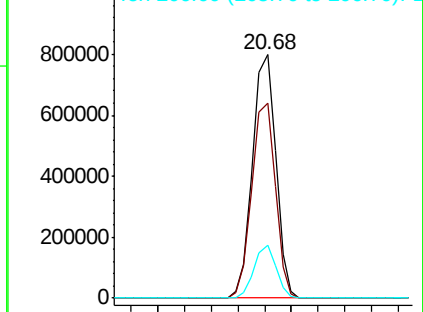
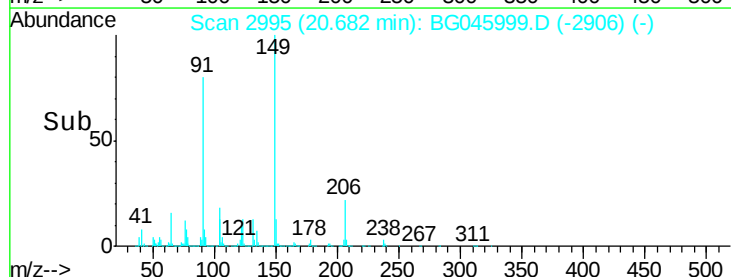


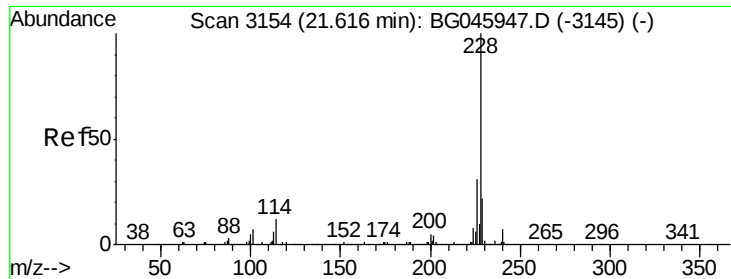
Abundance

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: 42.036 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

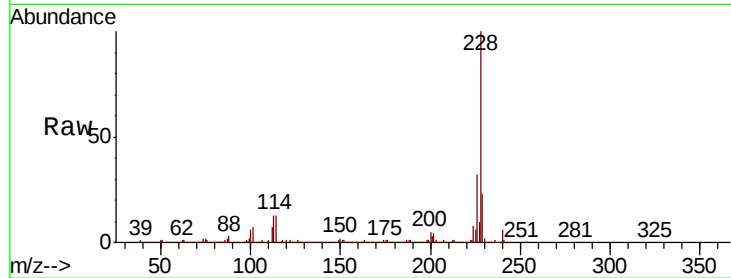
Tot Ion:228 Resp: 1847536

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	23.1	17.8	26.8

228 100

226 32.0 24.8 37.2

229 23.1 17.8 26.8

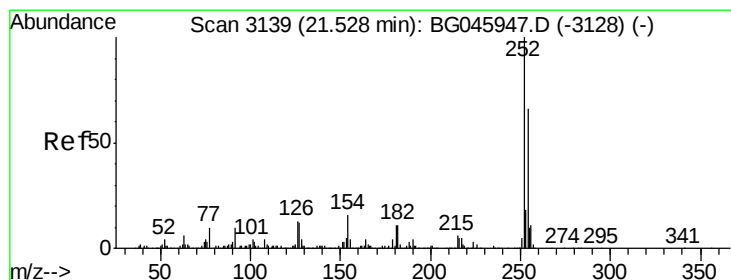
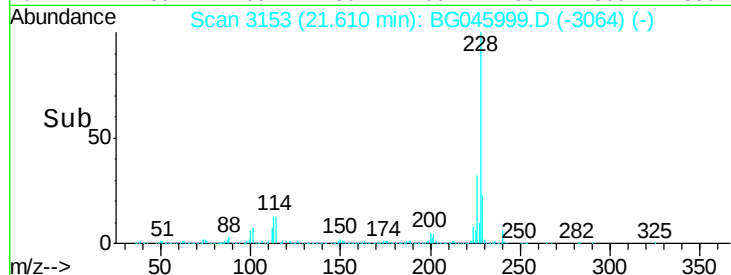
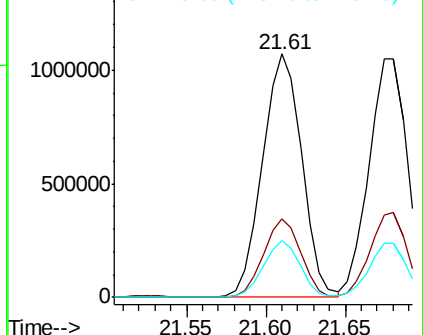


Abundance

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: 39.157 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

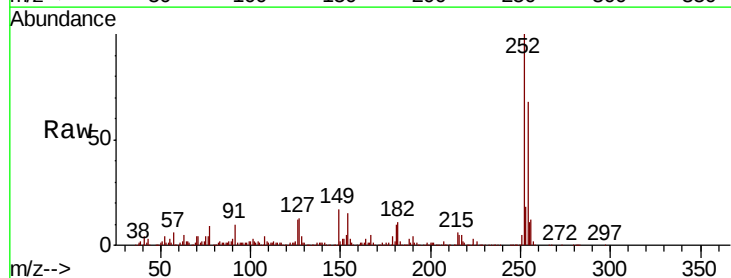
Tgt Ion:252 Resp: 635942

Ion	Ratio	Lower	Upper
252	100		
254	68.3	52.9	79.3
126	11.8	10.4	15.6

252 100

254 68.3 52.9 79.3

126 11.8 10.4 15.6

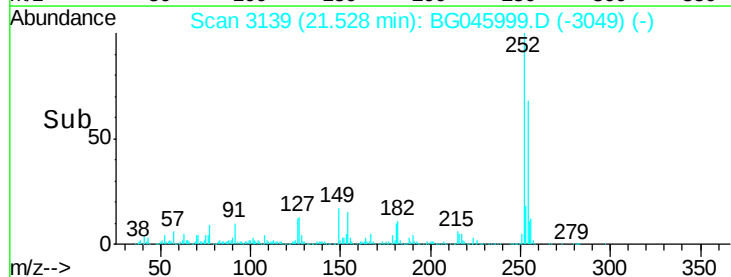
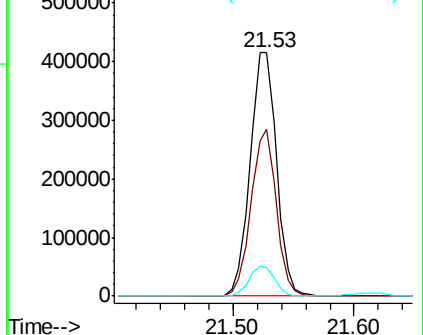


Abundance

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: 42.206 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

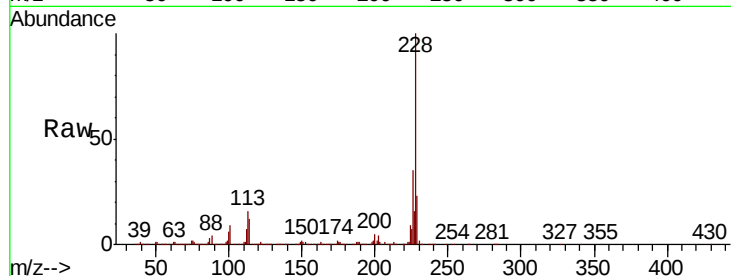
Tot Ion:228 Resp: 1767243

Ion Ratio Lower Upper

228 100

226 34.5 26.7 40.1

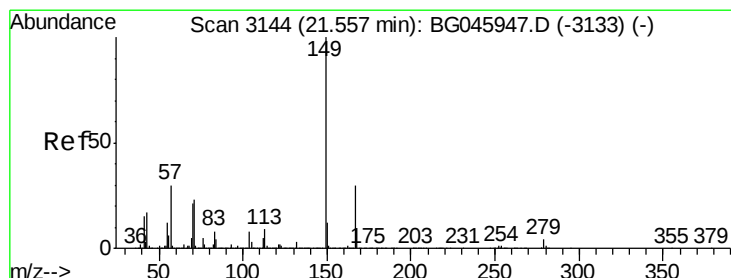
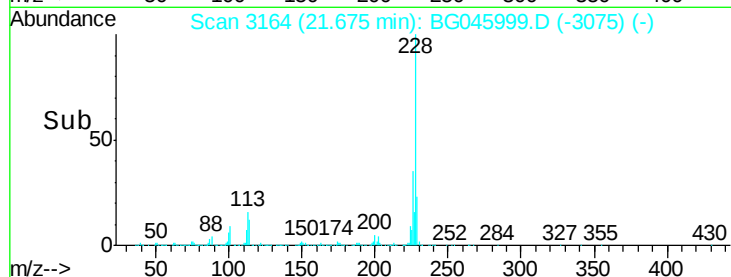
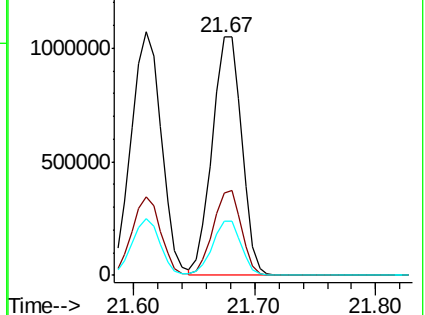
229 23.0 17.3 25.9



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: 42.664 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

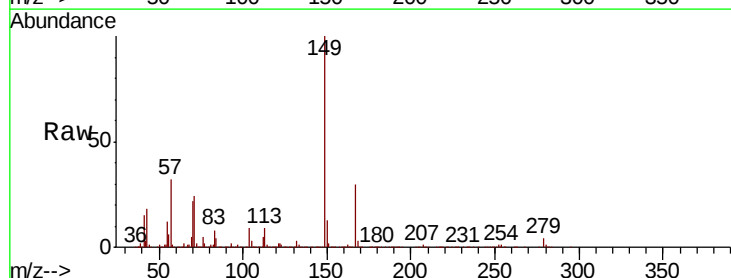
Tgt Ion:149 Resp: 1335316

Ion Ratio Lower Upper

149 100

167 29.7 23.8 35.8

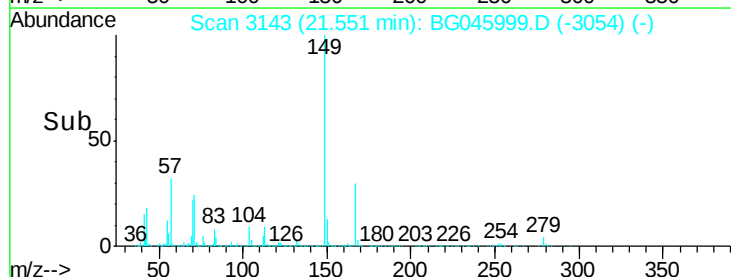
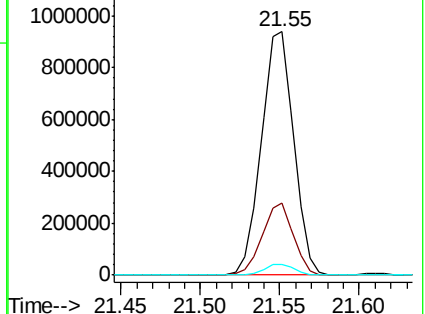
279 4.4 3.5 5.3

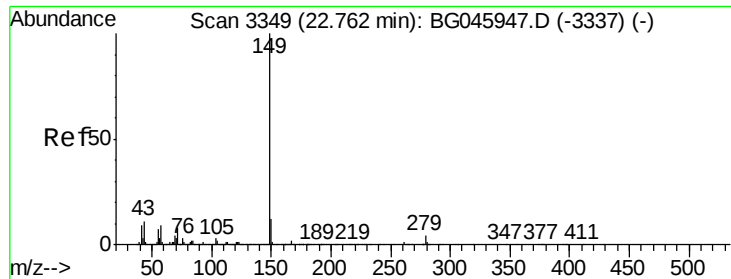


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.640 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

BNA_G

ClientSampleId :

PB130037BS

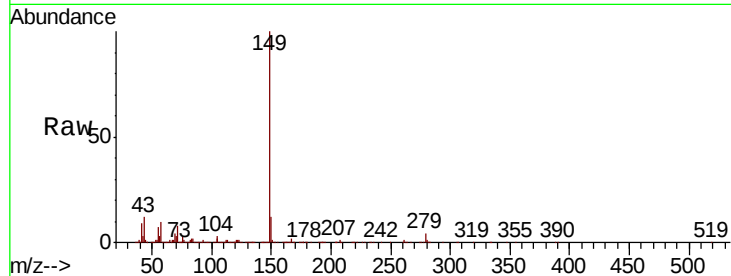
Tot Ion:149 Resp: 2315990

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

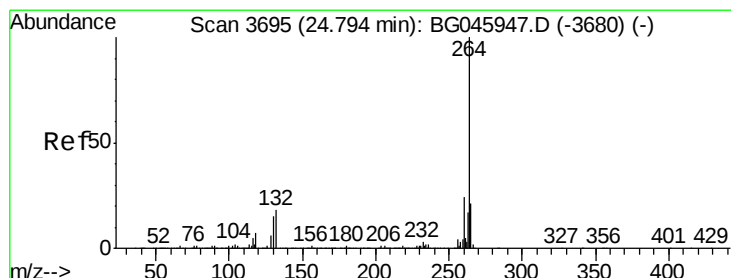
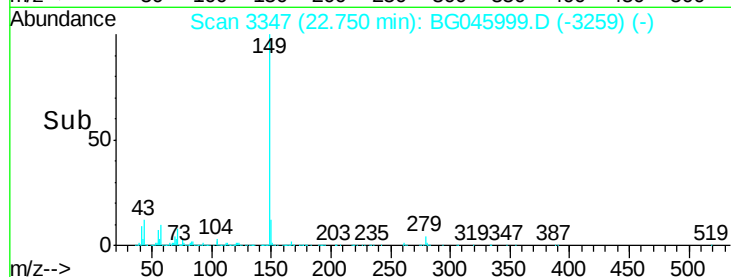
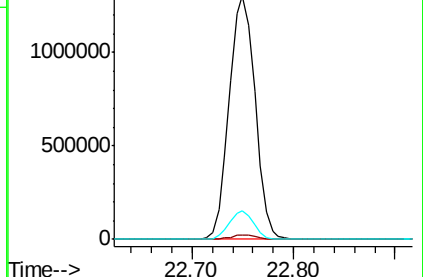
43 11.1 8.6 12.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

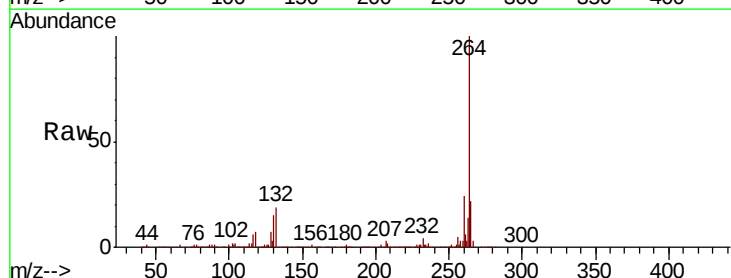
Tgt Ion:264 Resp: 692189

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

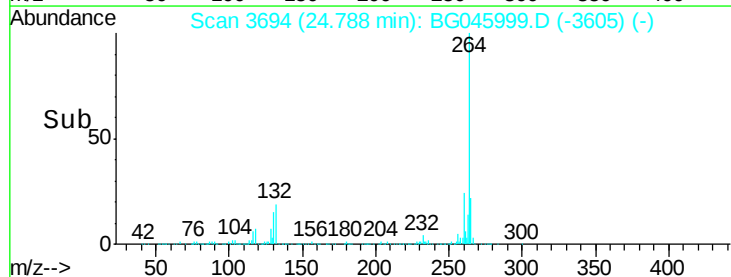
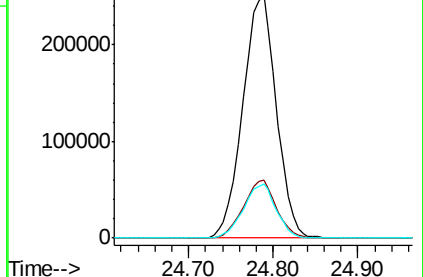
265 22.2 16.9 25.3

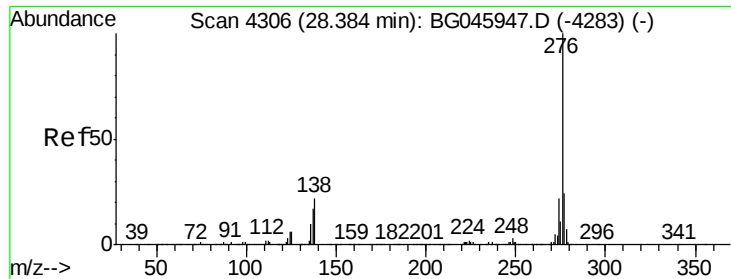


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

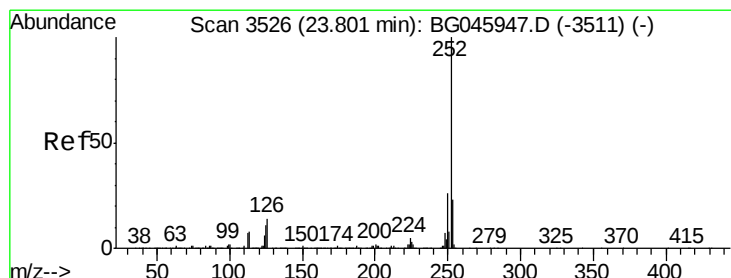
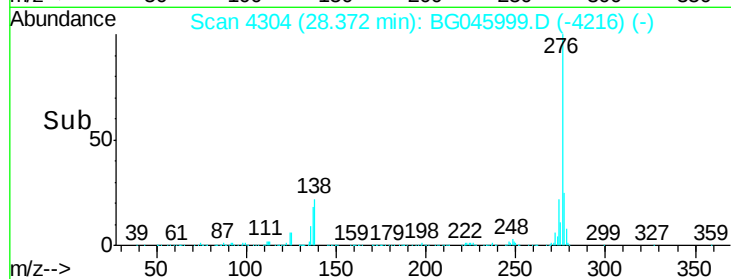
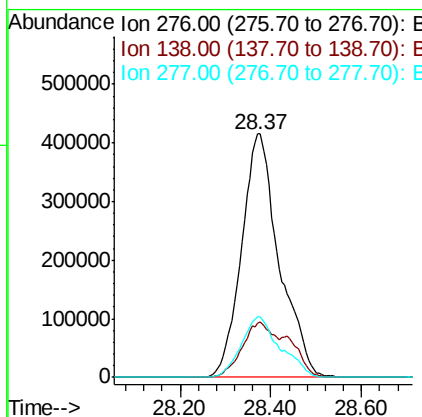
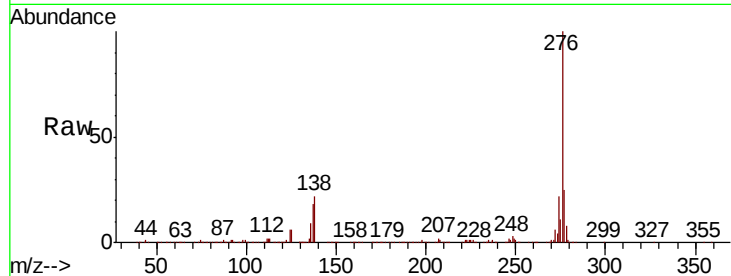




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.071 ng
 RT: 28.37 min Scan# 4304
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

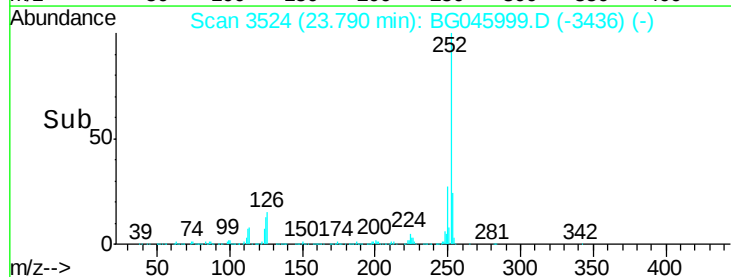
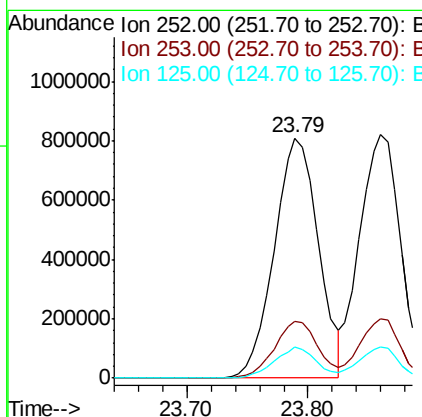
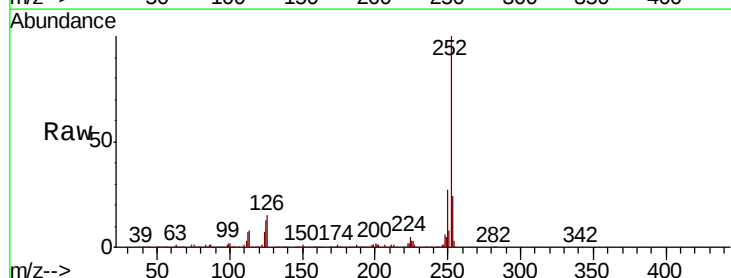
Instrument :
 BNA_G
 ClientSampleId :
 PB130037BS

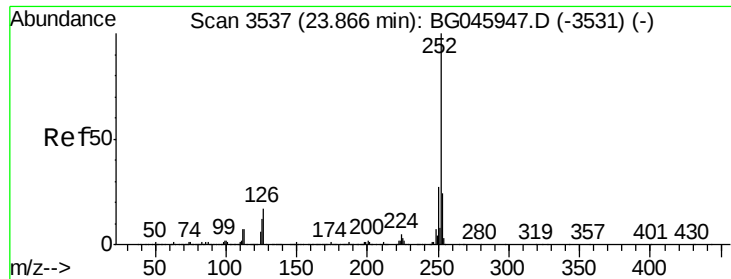
Tot Ion:276 Resp: 2383596
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.4 24.6
 277 25.8 20.6 31.0



#88
 Benzo(b)fluoranthene
 Concen: 46.489 ng
 RT: 23.79 min Scan# 3524
 Delta R.T. -0.01 min
 Lab File: BG045999.D
 Acq: 10 Jul 2020 9:39

Tgt Ion:252 Resp: 2042760
 Ion Ratio Lower Upper
 252 100
 253 23.8 18.5 27.7
 125 12.8 9.2 13.8

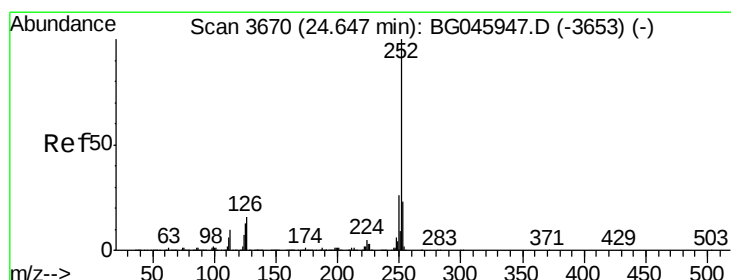
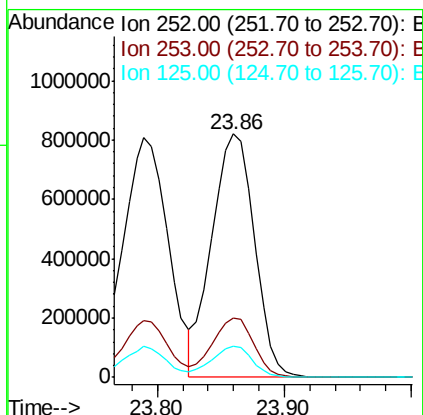
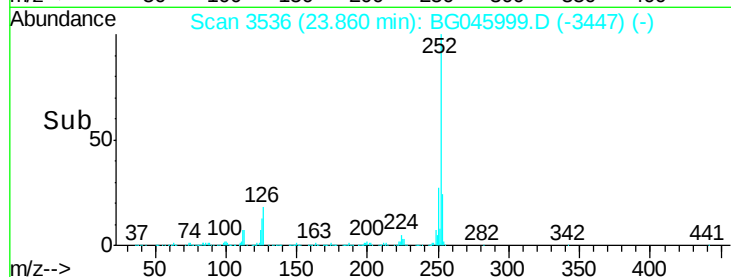
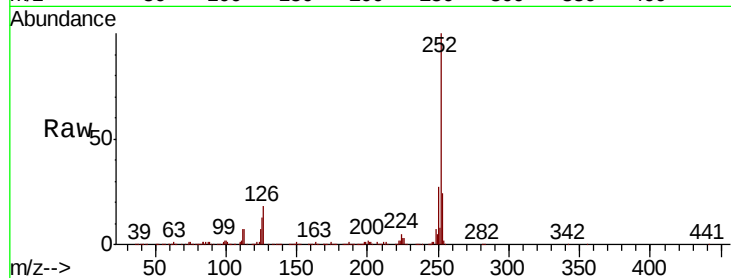




#89
Benzo(k)fluoranthene
Concen: 45.938 ng
RT: 23.86 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

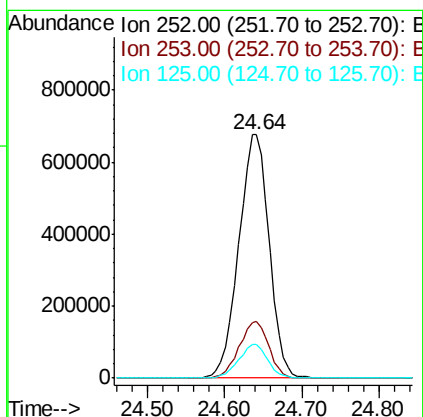
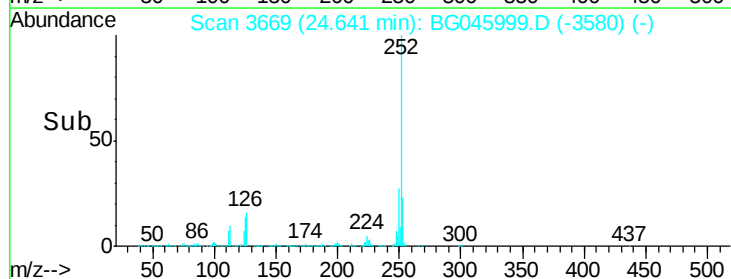
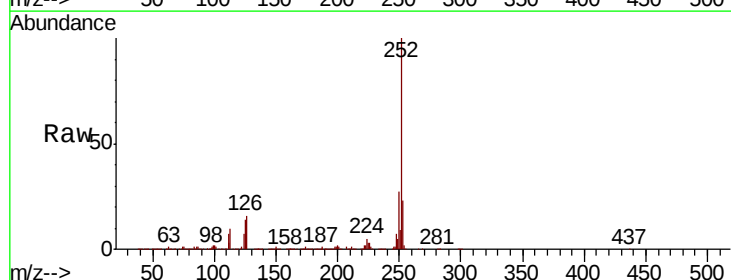
Instrument :
BNA_G
ClientSampleId :
PB130037BS

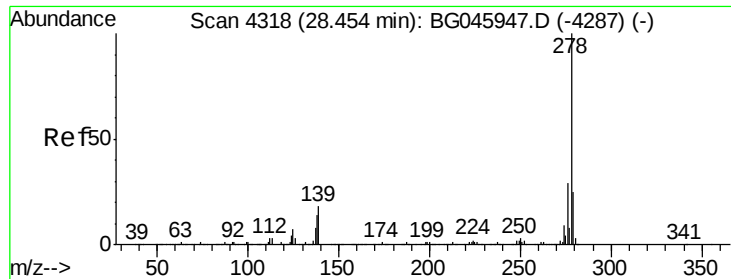
Tot Ion:252 Resp: 1908673
Ion Ratio Lower Upper
252 100
253 24.4 18.9 28.3
125 12.9 9.6 14.4



#90
Benzo(a)pyrene
Concen: 45.150 ng
RT: 24.64 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BG045999.D
Acq: 10 Jul 2020 9:39

Tgt Ion:252 Resp: 1865566
Ion Ratio Lower Upper
252 100
253 23.5 18.6 28.0
125 14.0 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 46.712 ng

RT: 28.44 min Scan# 4315

Delta R.T. -0.02 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Instrument :

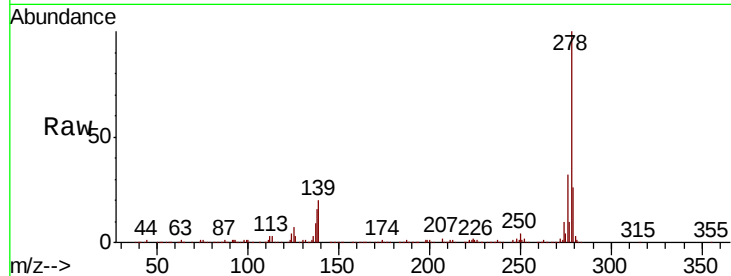
BNA_G

ClientSampleId :

PB130037BS

Tot Ion:278 Resp: 1907870

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.3	21.5
279	25.6	19.8	29.6

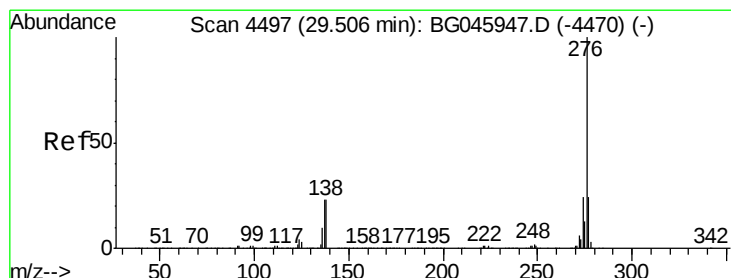
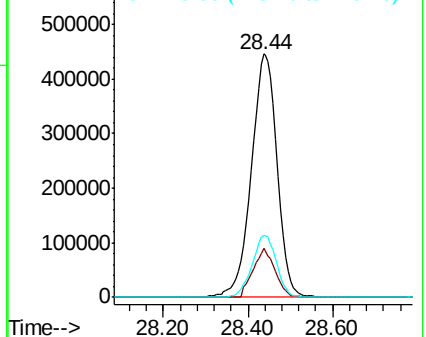
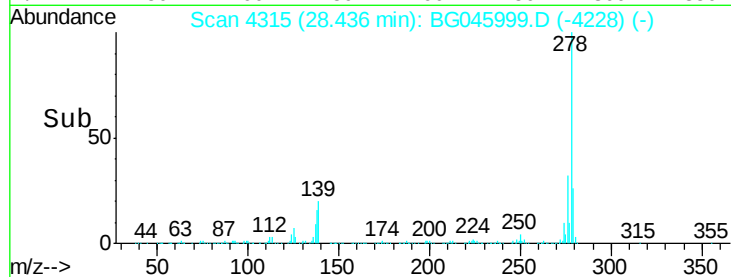


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.524 ng

RT: 29.48 min Scan# 4493

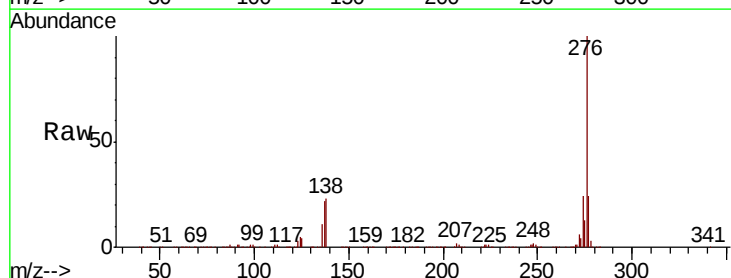
Delta R.T. -0.02 min

Lab File: BG045999.D

Acq: 10 Jul 2020 9:39

Tgt Ion:276 Resp: 1912235

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	22.7	18.6	28.0



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

