

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070620\
 Data File : BG045951.D
 Acq On : 6 Jul 2020 22:23
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Quant Time: Jul 07 10:05:31 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	150590	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	579703	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	340309	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	703964	20.00	ng	0.00
76) Chrysene-d12	21.63	240	630066	20.00	ng	0.00
86) Perylene-d12	24.79	264	665136	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	734940	79.14	ng	0.00
7) Phenol-d6	7.17	99	1068099	79.89	ng	0.00
23) Nitrobenzene-d5	9.16	82	904988	89.86	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	275960	87.37	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1743857	79.93	ng	0.00
79) Terphenyl-d14	19.99	244	2226171	78.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	170963	39.905	ng	96
3) Pyridine	3.90	79	524303	40.473	ng	99
4) n-Nitrosodimethylamine	3.82	42	183448	41.879	ng	97
6) Aniline	7.33	93	684106	40.000	ng	100
8) 2-Chlorophenol	7.58	128	395946	39.609	ng	98
9) Benzaldehyde	7.14	77	318882	37.646	ng	96
10) Phenol	7.19	94	538135	40.126	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	447463	40.349	ng	99
12) 1,3-Dichlorobenzene	7.90	146	454385	39.436	ng	99
13) 1,4-Dichlorobenzene	8.05	146	448386	39.559	ng	100
14) 1,2-Dichlorobenzene	8.36	146	427631	39.200	ng	97
15) Benzyl Alcohol	8.24	79	421171	40.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	593634	41.027	ng	97
17) 2-Methylphenol	8.45	107	398578	39.608	ng	97
18) Hexachloroethane	9.10	117	175737	40.295	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	373296	39.746	ng	99
20) 3+4-Methylphenols	8.77	107	547274	39.904	ng	97
22) Acetophenone	8.83	105	617633	39.881	ng	98
24) Nitrobenzene	9.20	77	495722	44.594	ng	98
25) Isophorone	9.73	82	990209	40.273	ng	100
26) 2-Nitrophenol	9.91	139	176412	48.688	ng	96
27) 2,4-Dimethylphenol	9.98	122	351425	40.155	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	557659	40.390	ng	100
29) 2,4-Dichlorophenol	10.45	162	376024	41.505	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	404937	40.340	ng	99
31) Naphthalene	10.86	128	1236202	39.779	ng	100
32) Benzoic acid	10.12	122	226748	43.179	ng	92
33) 4-Chloroaniline	10.95	127	547736	39.442	ng	98
34) Hexachlorobutadiene	11.16	225	238574	40.704	ng	97
35) Caprolactam	11.72	113	139276	40.491	ng	95
36) 4-Chloro-3-methylphenol	12.08	107	418233	40.532	ng	99
37) 2-Methylnaphthalene	12.46	142	886333	40.121	ng	98
38) 1-Methylnaphthalene	12.68	142	827929	39.712	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	397970	41.485	ng	100

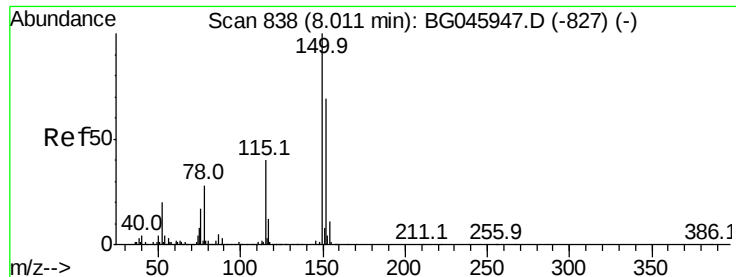
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	238537	41.906	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	281261	43.352	ng	97
44) 2,4,5-Trichlorophenol	13.13	196	315480	43.007	ng	98
46) 1,1'-Biphenyl	13.47	154	1033637	40.376	ng	99
47) 2-Chloronaphthalene	13.51	162	813740	40.287	ng	99
48) 2-Nitroaniline	13.70	65	257735	45.690	ng	98
49) Acenaphthylene	14.36	152	1303774	40.006	ng	100
50) Dimethylphthalate	14.09	163	1021094	39.981	ng	99
51) 2,6-Dinitrotoluene	14.20	165	201681	44.417	ng	97
52) Acenaphthene	14.70	154	833952	40.570	ng	98
53) 3-Nitroaniline	14.53	138	241566	43.403	ng	# 93
54) 2,4-Dinitrophenol	14.73	184	73376	45.770	ng	93
55) Dibenzofuran	15.03	168	1201625	39.879	ng	99
56) 4-Nitrophenol	14.83	139	189596	45.566	ng	98
57) 2,4-Dinitrotoluene	14.98	165	262092	44.981	ng	# 98
58) Fluorene	15.68	166	979664	39.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	249774	44.102	ng	99
60) Diethylphthalate	15.46	149	1051225	39.248	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	488096	39.691	ng	99
62) 4-Nitroaniline	15.69	138	250412	47.440	ng	95
63) Azobenzene	15.96	77	1145595	39.851	ng	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	107600	44.902	ng	96
66) n-Nitrosodiphenylamine	15.88	169	865436	39.672	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	317618	40.398	ng	97
68) Hexachlorobenzene	16.69	284	319961	40.555	ng	98
69) Atrazine	16.83	200	263466	40.849	ng	98
70) Pentachlorophenol	17.02	266	203109	46.303	ng	98
71) Phenanthrene	17.42	178	1474632	39.623	ng	99
72) Anthracene	17.50	178	1500111	39.718	ng	100
73) Carbazole	17.77	167	1495160	39.494	ng	99
74) Di-n-butylphthalate	18.35	149	1785989	39.040	ng	100
75) Fluoranthene	19.42	202	1703659	39.599	ng	99
77) Benzidine	19.60	184	684572	38.000	ng	99
78) Pyrene	19.78	202	1735869	40.361	ng	100
80) Butylbenzylphthalate	20.68	149	843475	41.501	ng	96
81) Benzo(a)anthracene	21.62	228	1629724	39.338	ng	100
82) 3,3'-Dichlorobenzidine	21.53	252	615482	40.205	ng	98
83) Chrysene	21.68	228	1558786	39.495	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	1171871	39.722	ng	99
85) Di-n-octyl phthalate	22.76	149	2039485	39.836	ng	100
87) Indeno(1,2,3-cd)pyrene	28.38	276	2017607	41.464	ng	100
88) Benzo(b)fluoranthene	23.80	252	1732089	41.022	ng	99
89) Benzo(k)fluoranthene	23.87	252	1631456	40.863	ng	100
90) Benzo(a)pyrene	24.65	252	1631396	41.089	ng	99
91) Dibenzo(a,h)anthracene	28.45	278	1600925	40.791	ng	98
92) Benzo(g,h,i)perylene	29.49	276	1611514	40.802	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

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ClientSampleId :

ICVBG070620

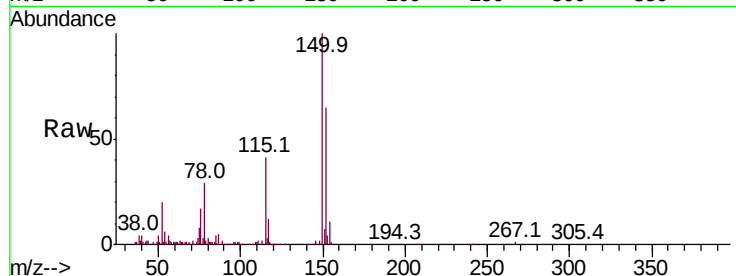
Tot Ion:152 Resp: 150590

Ion Ratio Lower Upper

152 100

150 152.8 116.7 175.1

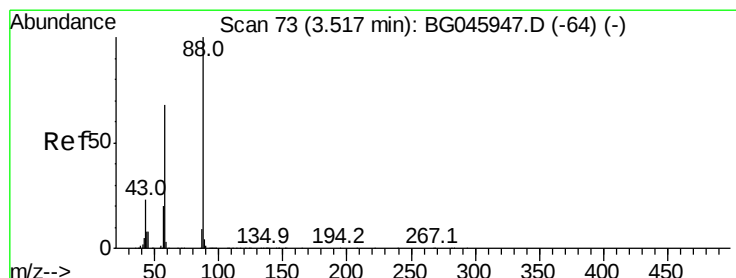
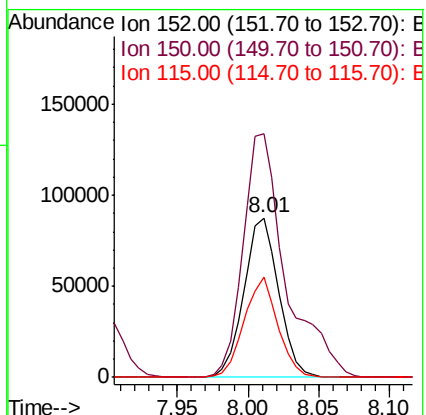
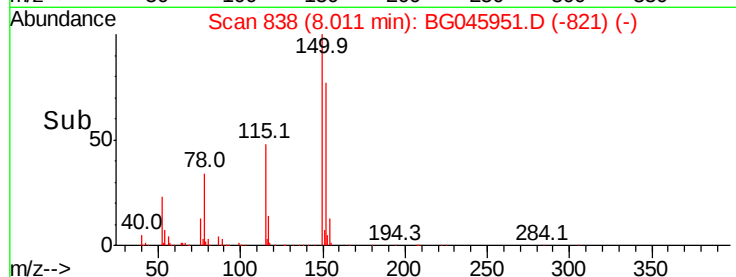
115 62.8 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.905 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

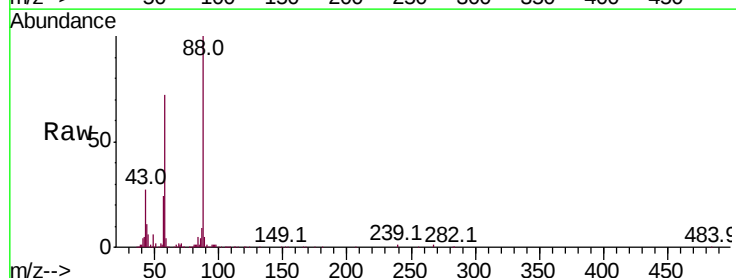
Tgt Ion: 88 Resp: 170963

Ion Ratio Lower Upper

88 100

58 71.5 55.2 82.8

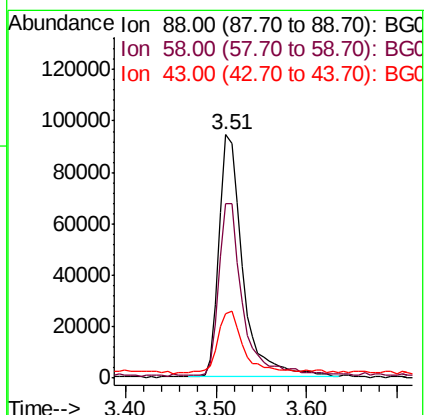
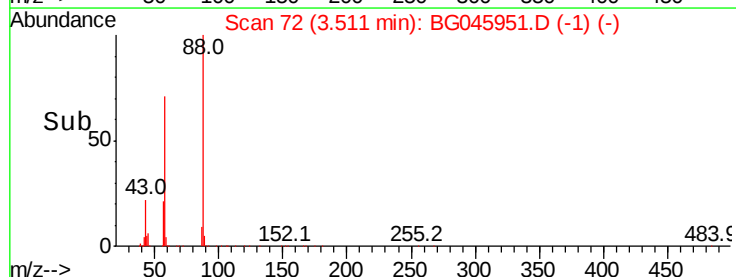
43 26.7 19.4 29.0

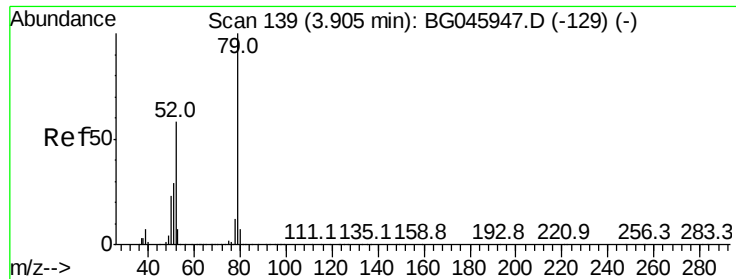


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.473 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

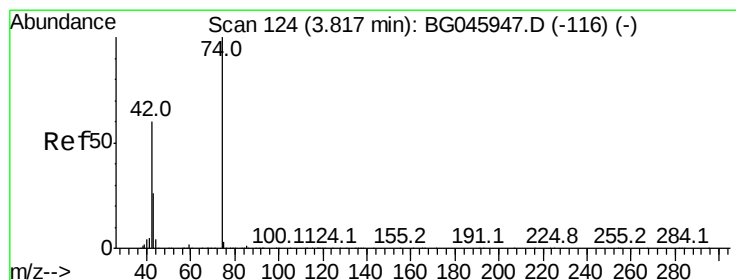
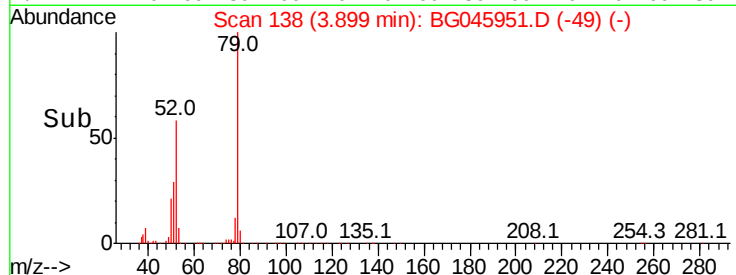
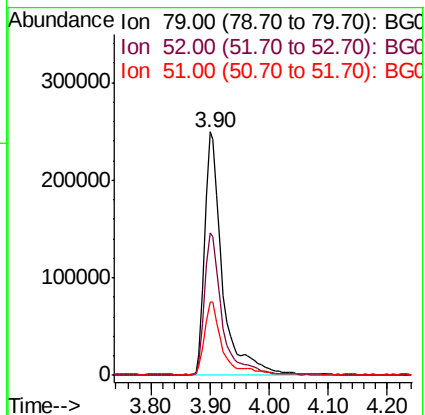
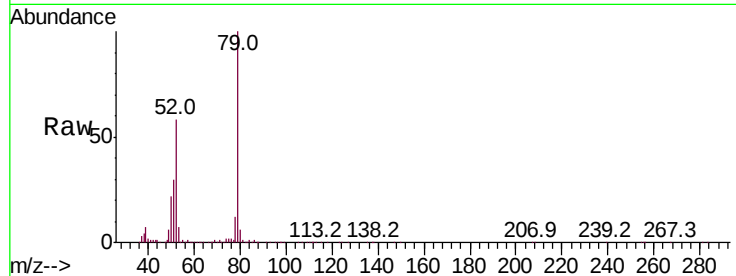
Tot Ion: 79 Resp: 524303

Ion Ratio Lower Upper

79 100

52 58.4 46.5 69.7

51 30.1 23.5 35.3



#4

n-Nitrosodimethylamine

Concen: 41.879 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

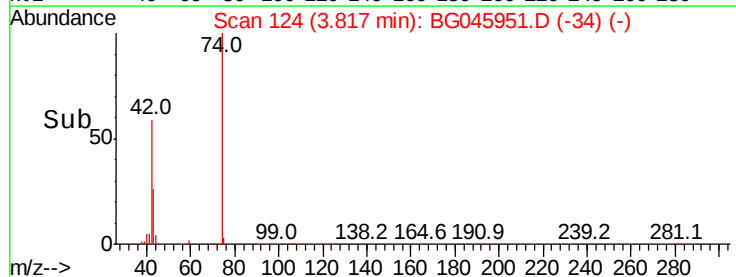
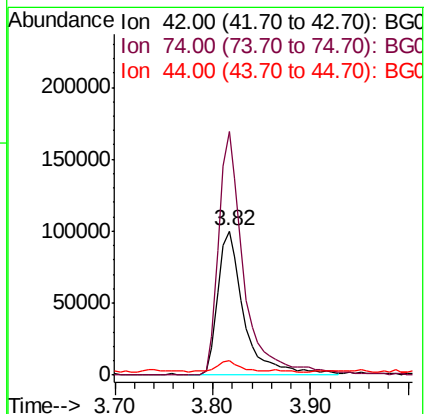
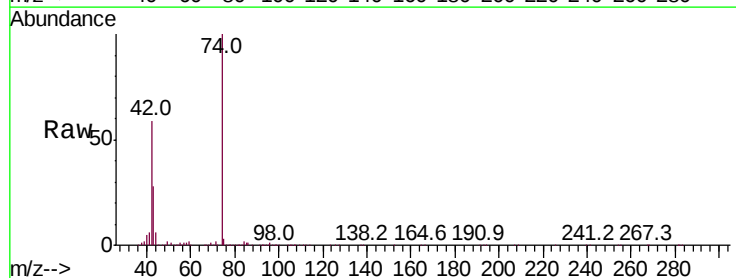
Tgt Ion: 42 Resp: 183448

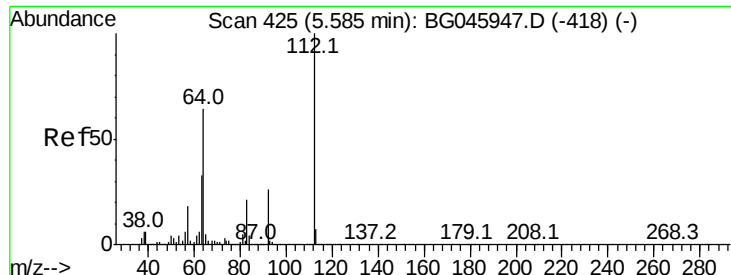
Ion Ratio Lower Upper

42 100

74 169.1 131.9 197.9

44 10.2 7.7 11.5





#5

2-Fluorophenol

Concen: 79.144 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

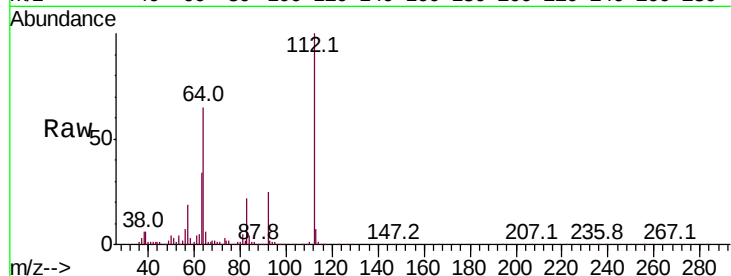
Tot Ion:112 Resp: 734940

Ion Ratio Lower Upper

112 100

64 65.0 51.4 77.2

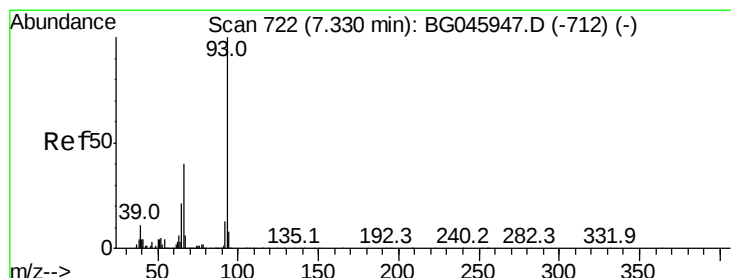
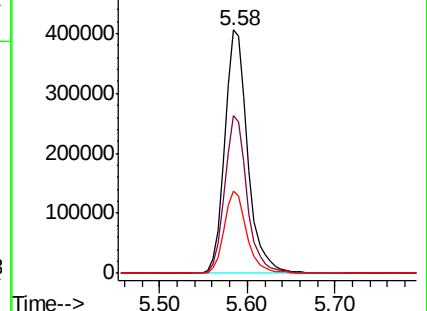
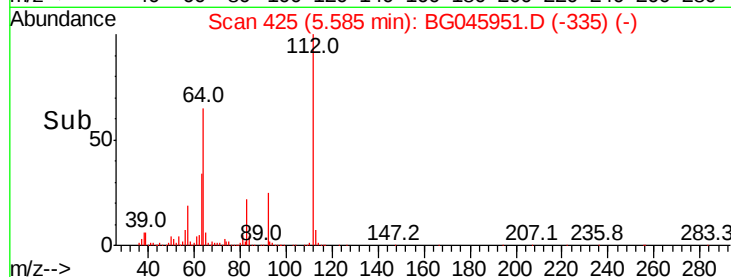
63 34.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.000 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

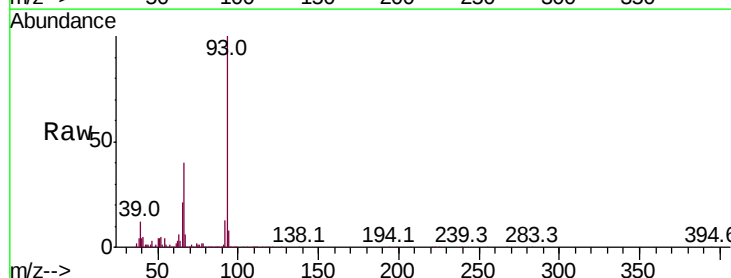
Tgt Ion: 93 Resp: 684106

Ion Ratio Lower Upper

93 100

66 40.1 32.3 48.5

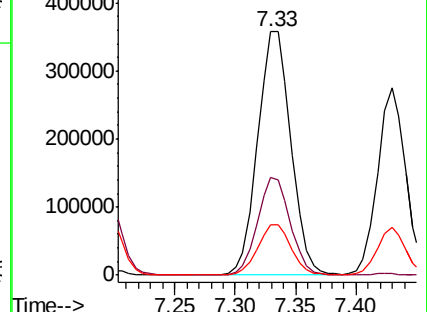
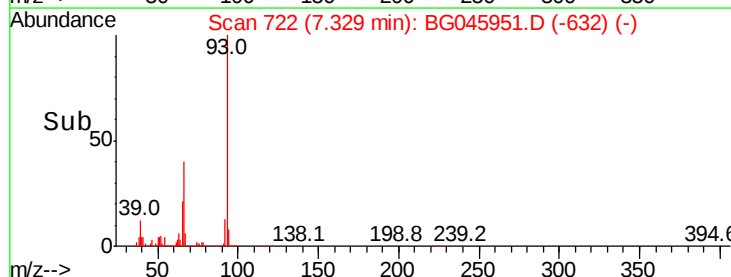
65 20.9 16.6 25.0

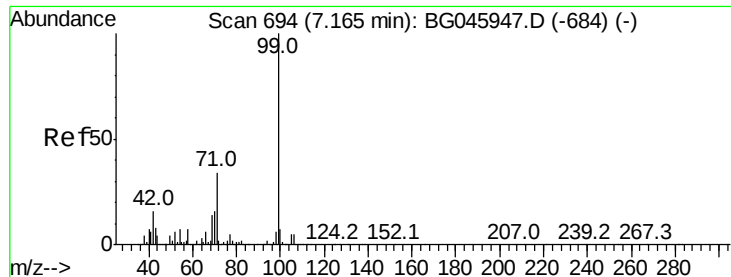


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.892 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

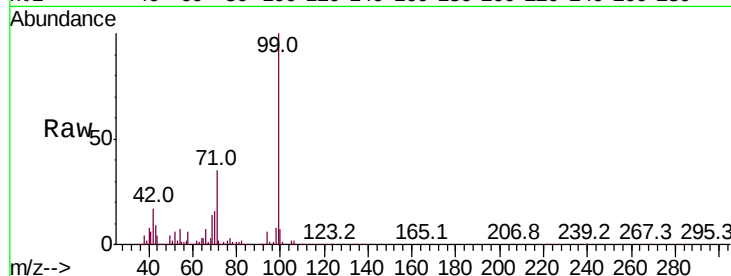
BNA_G

ClientSampleId :

ICVBG070620

Tot Ion: 99 Resp: 1068099

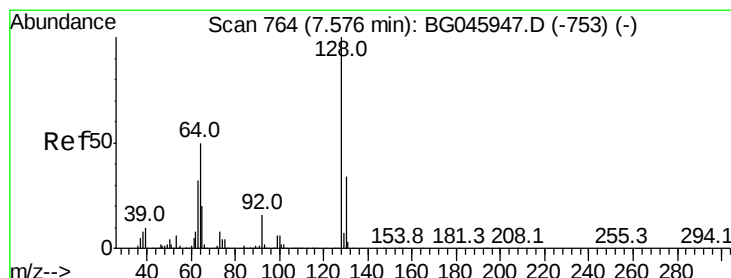
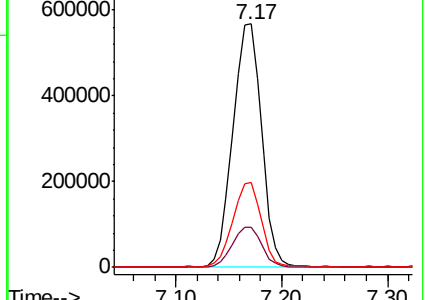
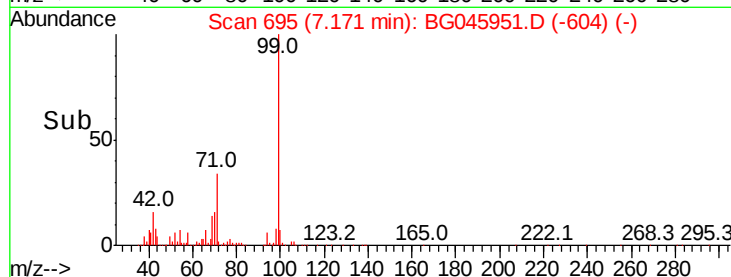
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.4
71	34.7	27.5	41.3



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: 39.609 ng

RT: 7.58 min Scan# 764

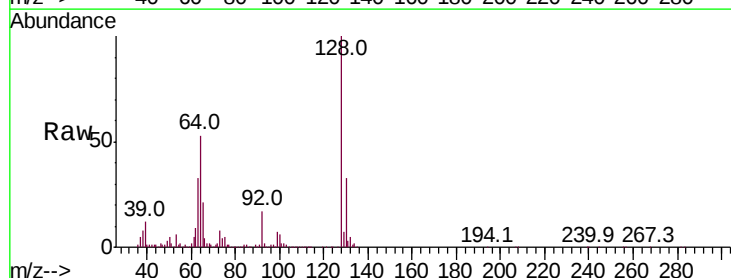
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion: 128 Resp: 395946

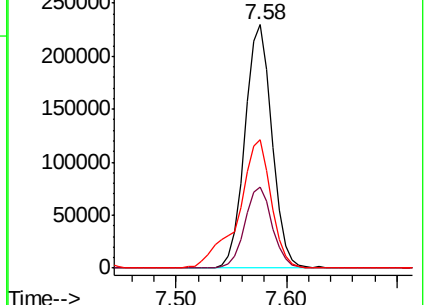
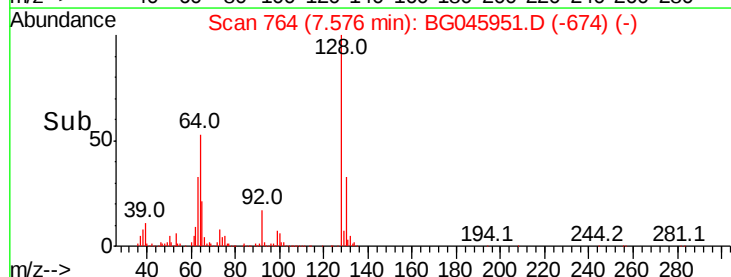
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.6	53.6
64	52.8	30.6	70.6

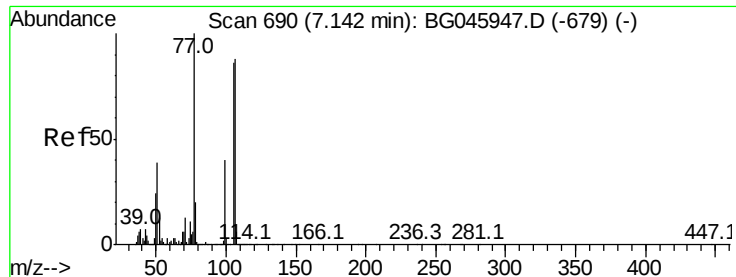


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 37.646 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

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ClientSampleId :

ICVBG070620

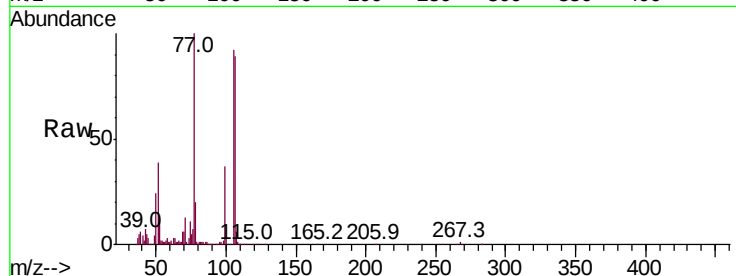
Tot Ion: 77 Resp: 318882

Ion Ratio Lower Upper

77 100

105 91.8 66.0 106.0

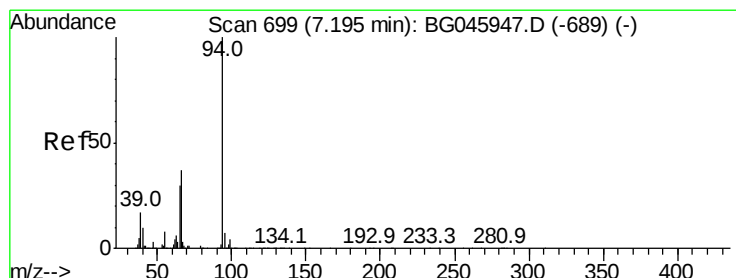
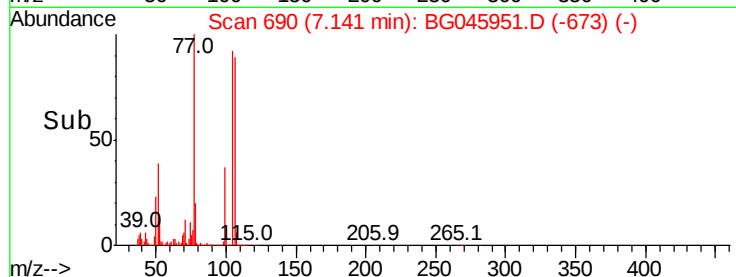
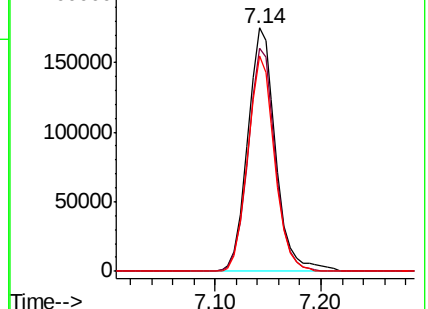
106 88.6 67.7 107.7



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: 40.126 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

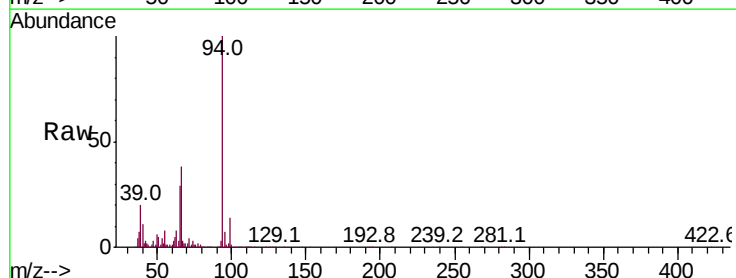
Tgt Ion: 94 Resp: 538135

Ion Ratio Lower Upper

94 100

65 29.2 10.6 50.6

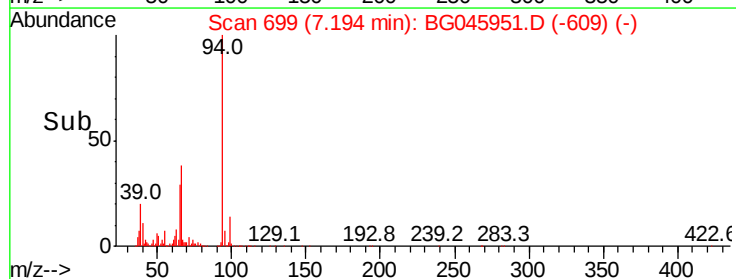
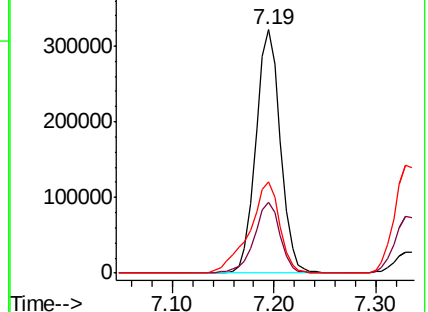
66 37.6 17.1 57.1

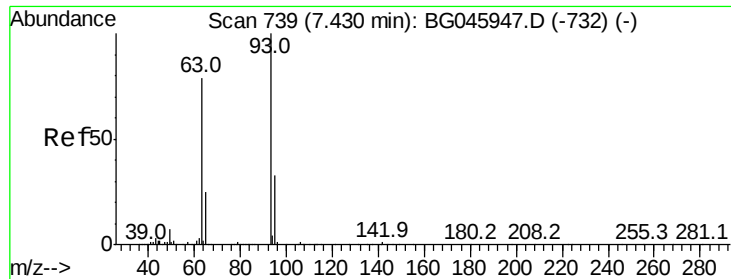


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

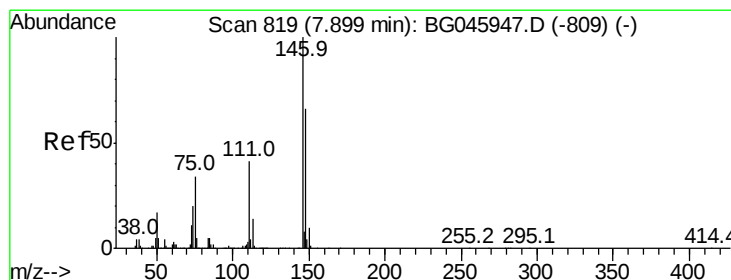
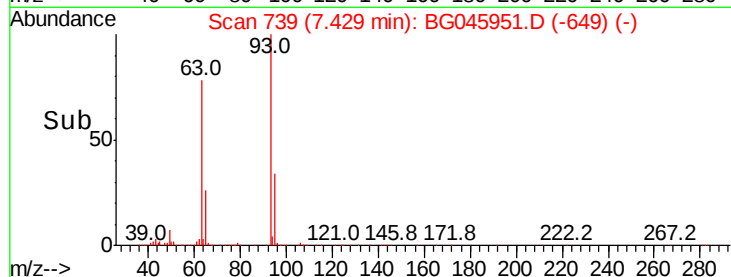
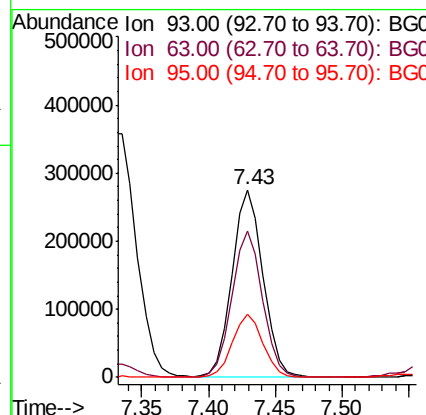
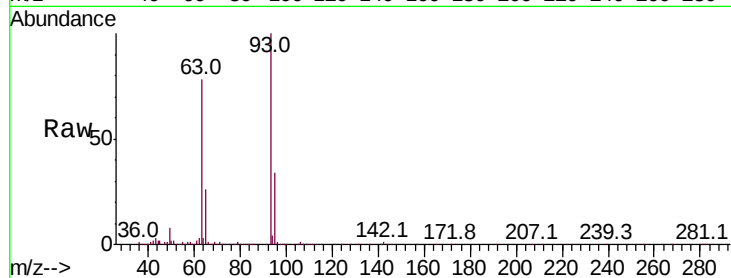




#11
bis(2-Chloroethyl)ether
Concen: 40.349 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

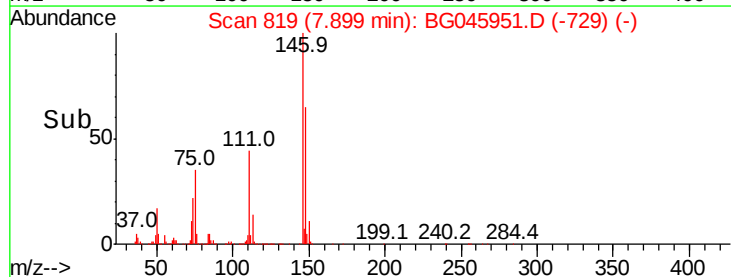
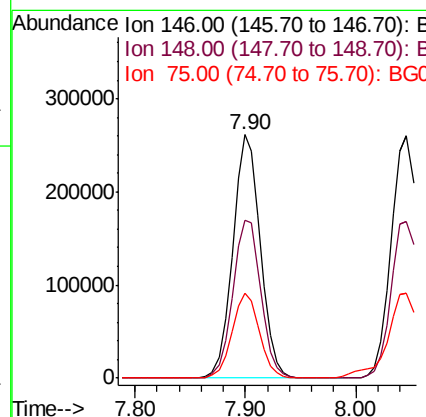
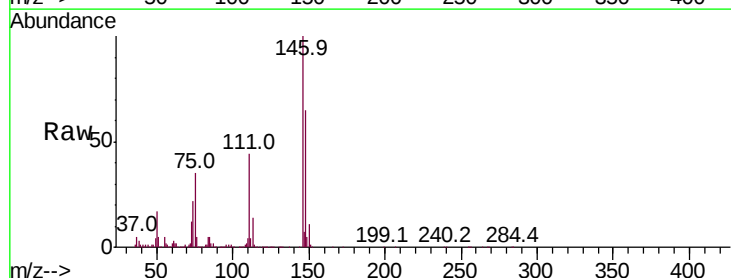
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

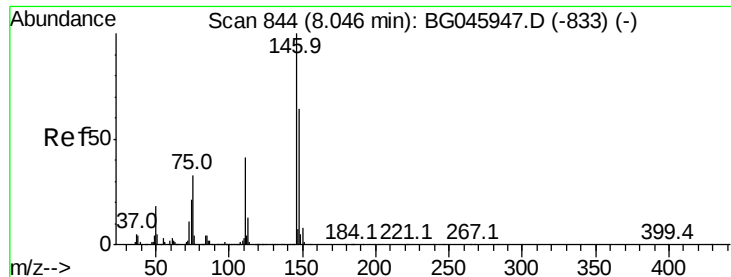
Tot Ion: 93 Resp: 447463
Ion Ratio Lower Upper
93 100
63 78.0 58.6 98.6
95 33.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.436 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion: 146 Resp: 454385
Ion Ratio Lower Upper
146 100
148 65.0 52.8 79.2
75 35.1 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 39.559 ng

RT: 8.05 min Scan# 844

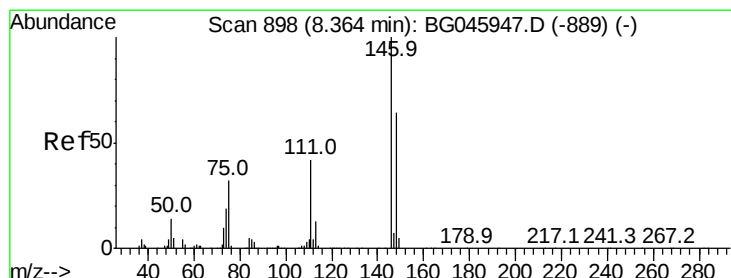
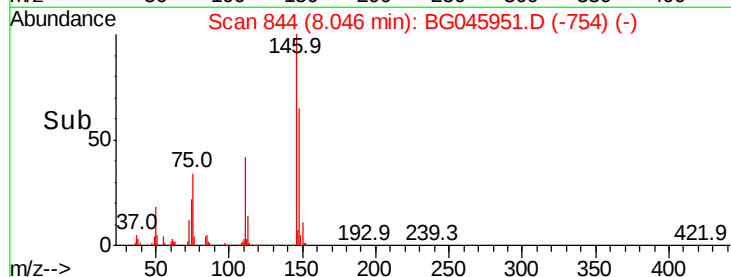
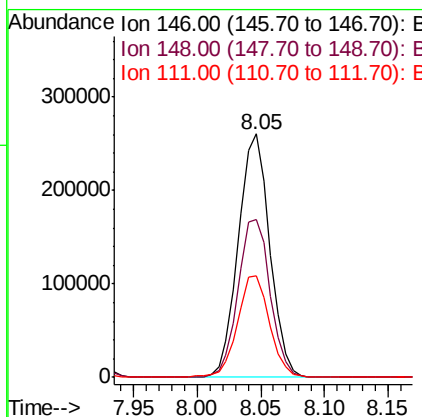
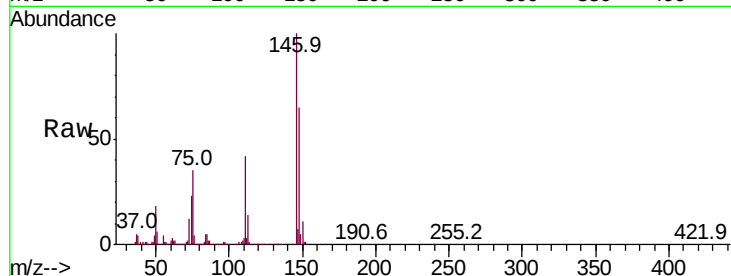
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
111	42.0	33.3	49.9



#14

1,2-Dichlorobenzene

Concen: 39.200 ng

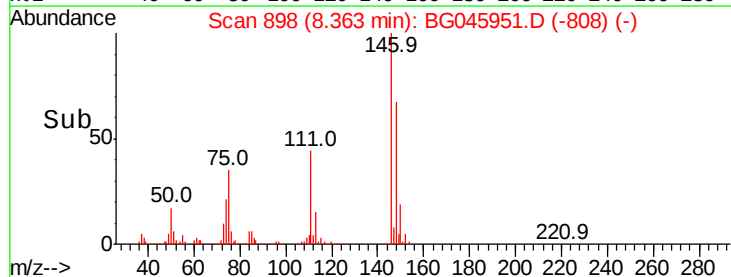
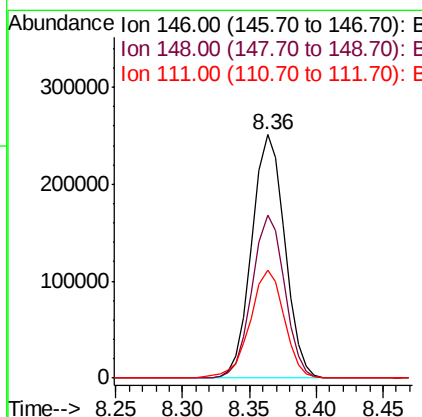
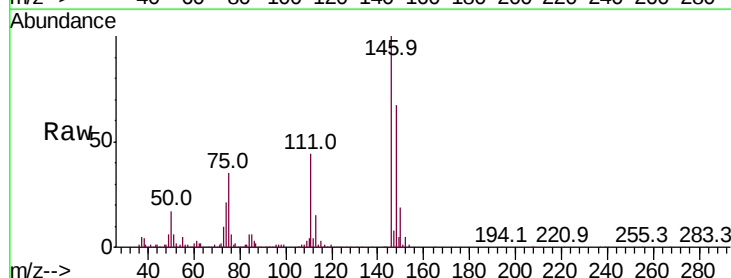
RT: 8.36 min Scan# 898

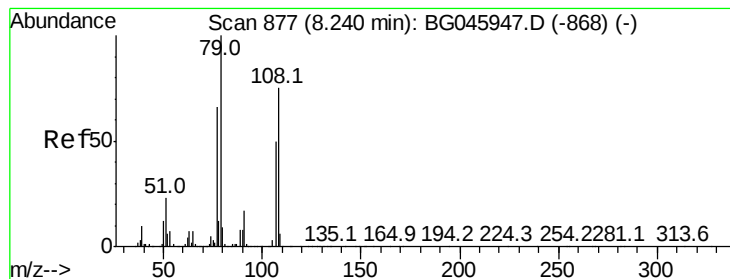
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.6	77.4
111	44.1	34.0	51.0





#15

Benzyl Alcohol

Concen: 40.178 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

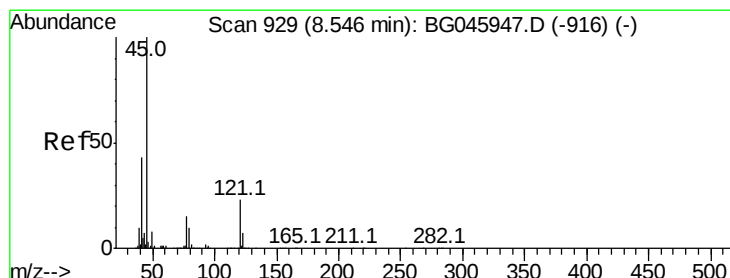
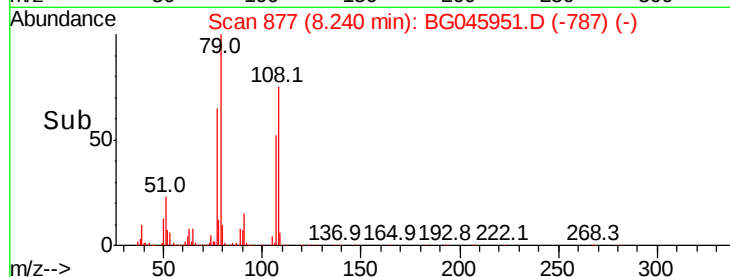
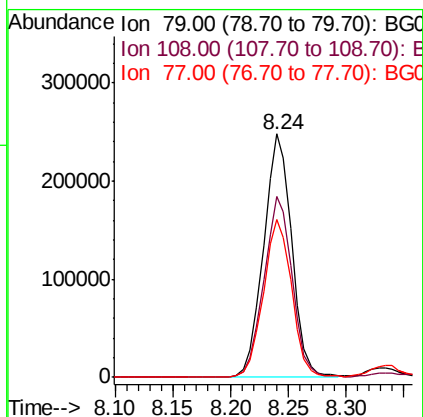
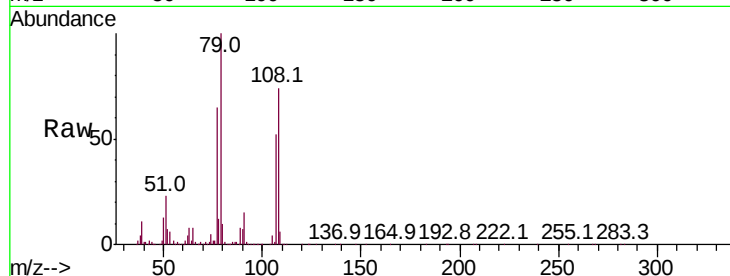
Tot Ion: 79 Resp: 421171

Ion Ratio Lower Upper

79 100

108 74.5 60.2 90.4

77 64.6 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.027 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

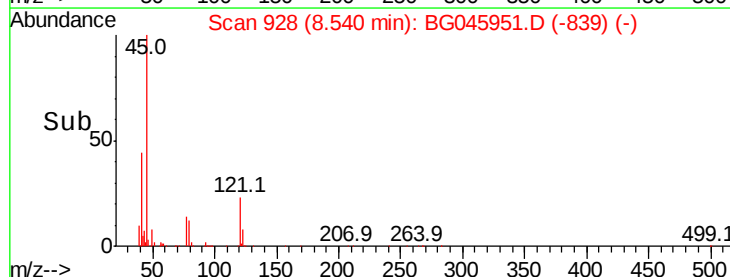
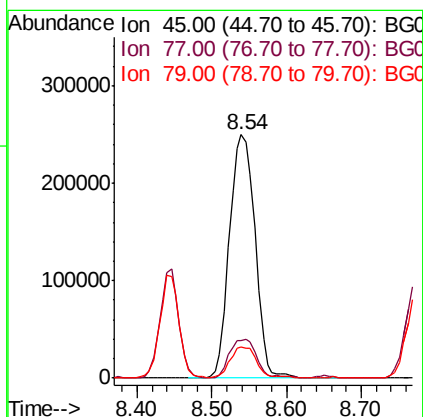
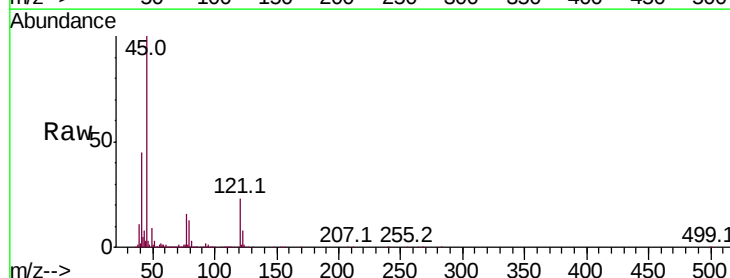
Tgt Ion: 45 Resp: 593634

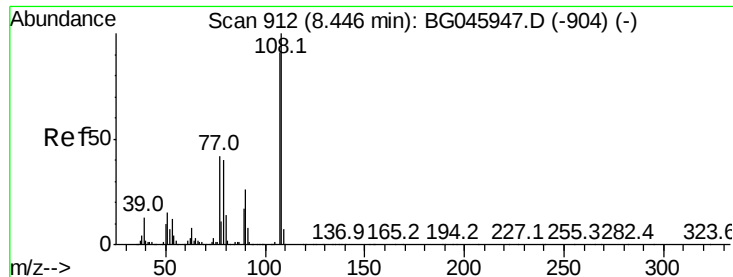
Ion Ratio Lower Upper

45 100

77 15.6 0.0 37.6

79 12.8 0.0 32.6

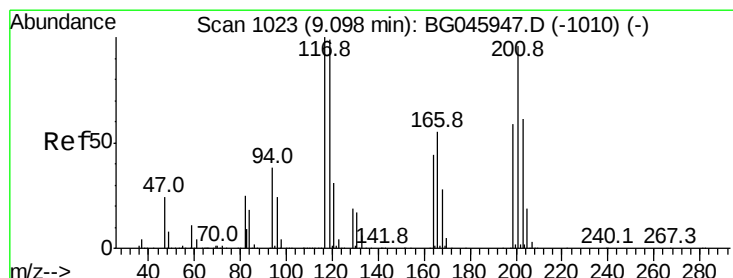
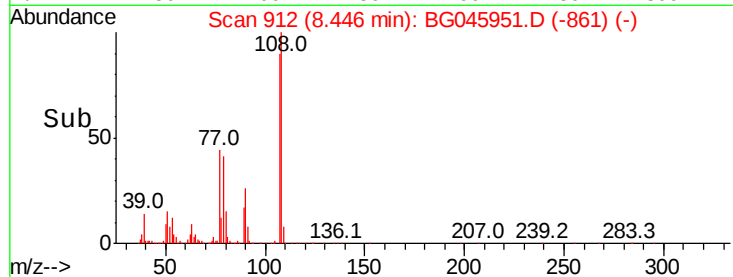
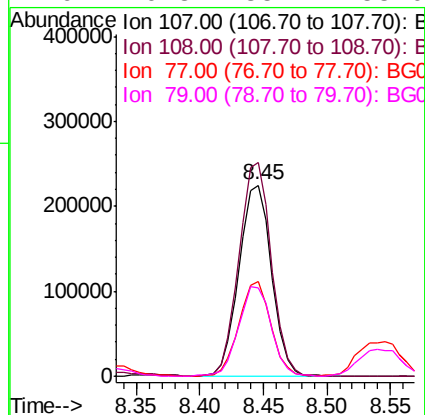
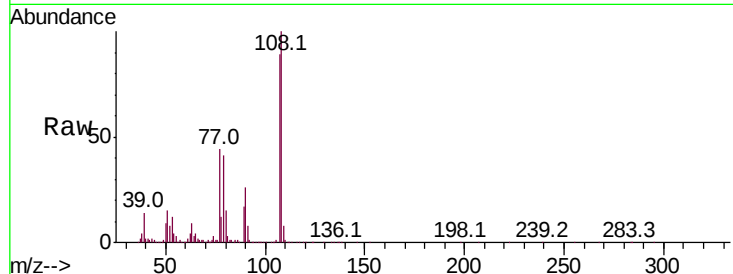




#17
2-Methylphenol
Concen: 39.608 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

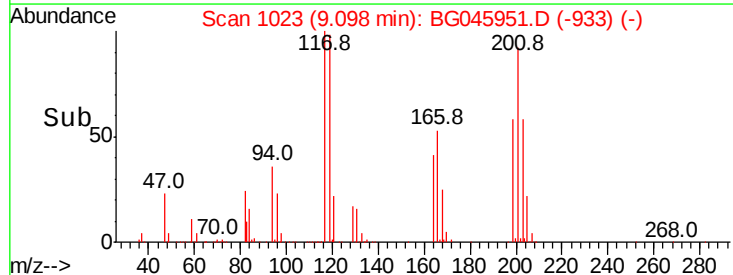
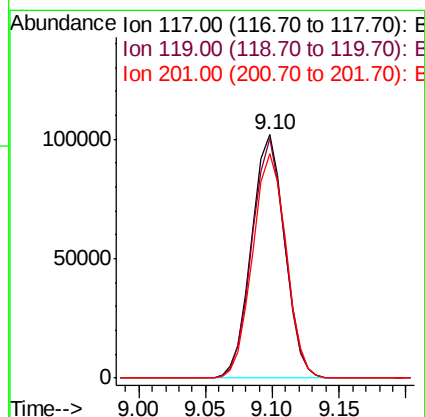
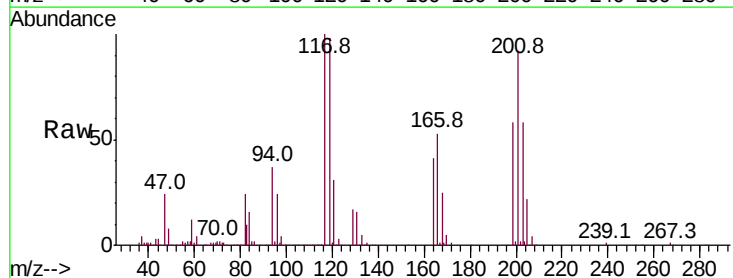
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

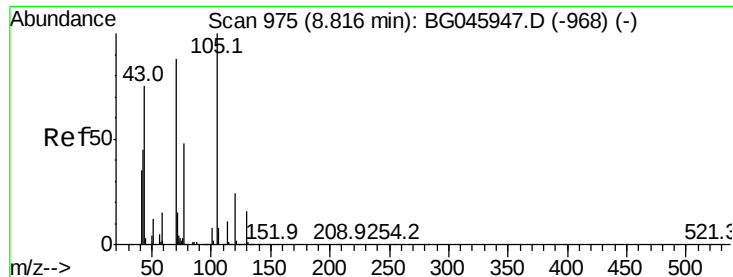
Tot Ion:	107	Resp:	398578
Ion	Ratio	Lower	Upper
107	100		
108	111.7	88.2	132.4
77	49.7	37.0	55.4
79	46.3	35.4	53.0



#18
Hexachloroethane
Concen: 40.295 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:	117	Resp:	175737
Ion	Ratio	Lower	Upper
117	100		
119	98.3	79.5	119.3
201	92.2	77.0	115.4

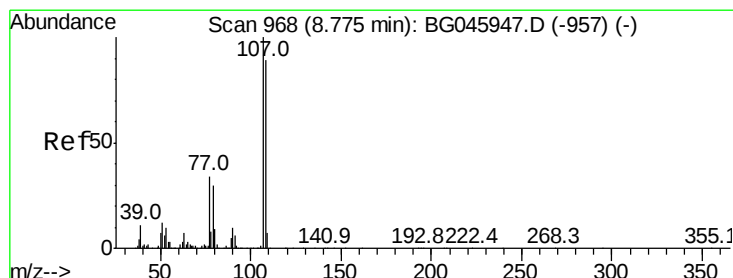
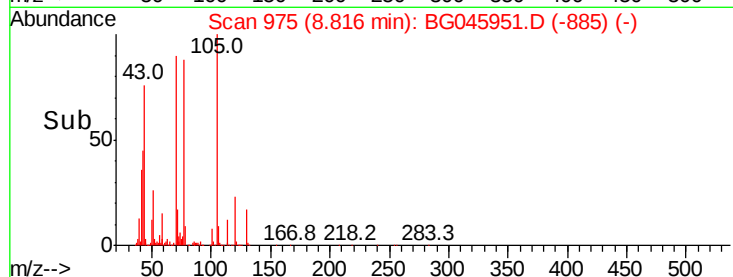
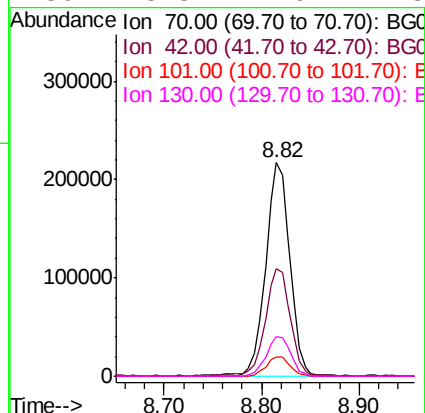
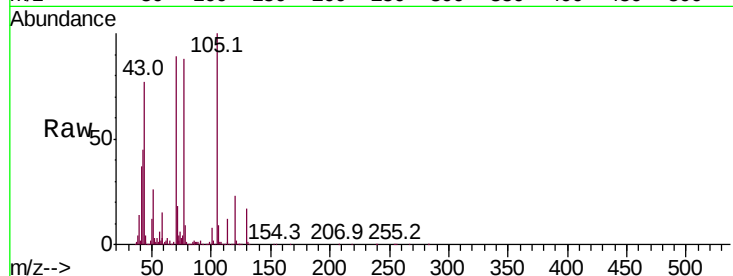




#19
n-Nitroso-di-n-propylamine
Concen: 39.746 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

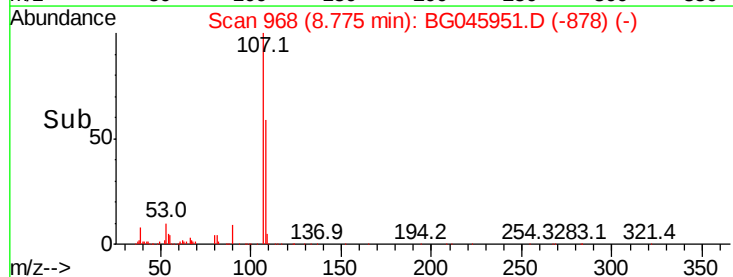
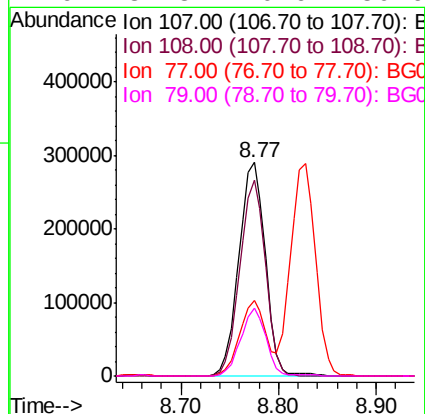
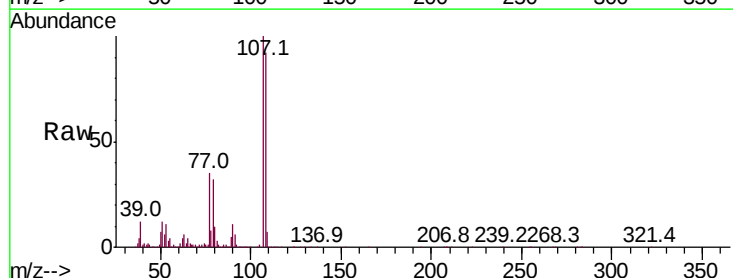
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

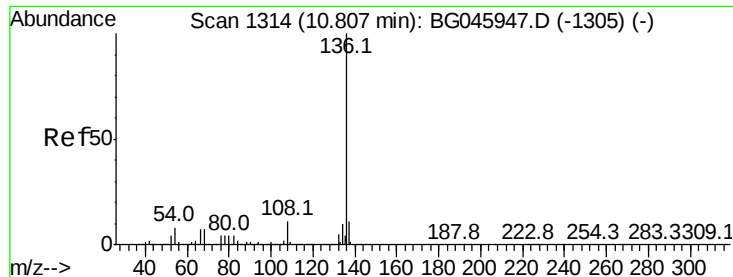
Tot Ion:	70	Resp:	373296
Ion	Ratio	Lower	Upper
70	100		
42	50.2	41.4	62.0
101	9.0	7.1	10.7
130	18.5	14.9	22.3



#20
3+4-Methylphenols
Concen: 39.904 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:	107	Resp:	547274
Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.7	108.7
77	35.3	14.6	54.6
79	31.8	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

Tot Ion:136 Resp: 579703

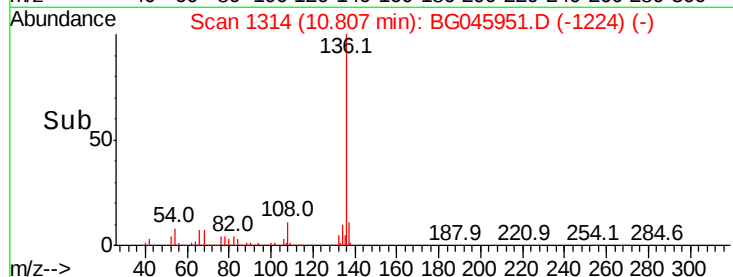
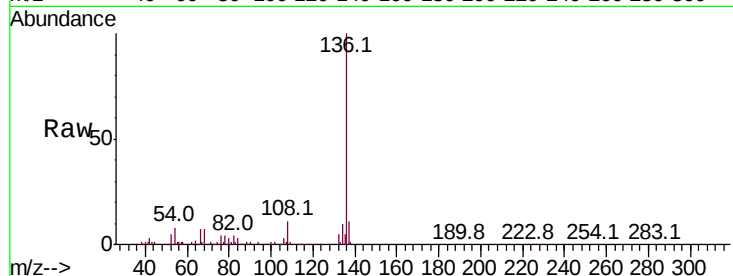
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.3 6.2 9.4

68 7.2 5.8 8.8

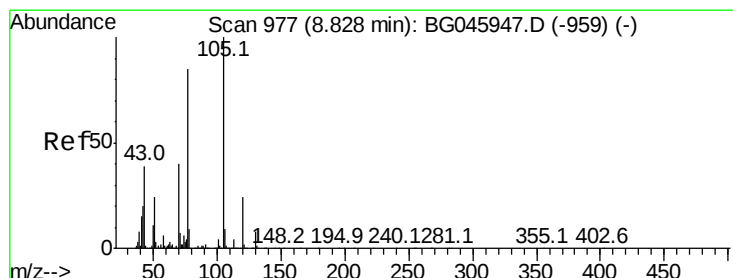
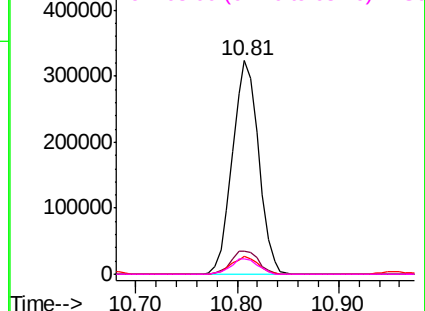


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.881 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:105 Resp: 617633

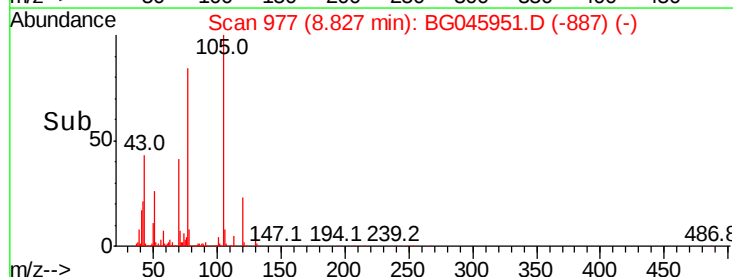
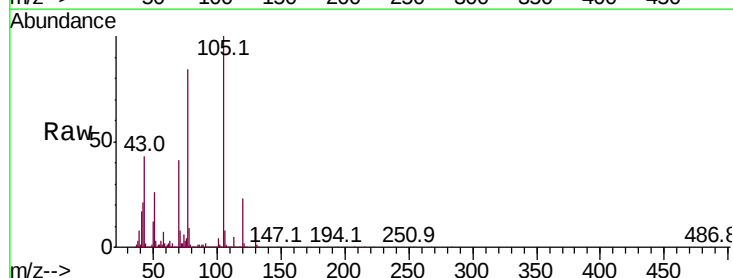
Ion Ratio Lower Upper

105 100

71 7.8 6.2 9.2

51 25.7 19.7 29.5

120 22.9 19.2 28.8

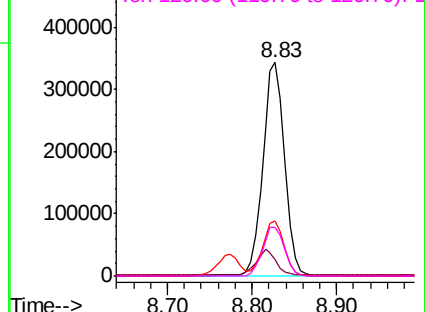


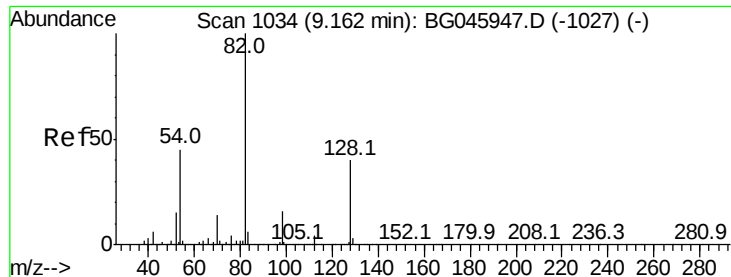
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

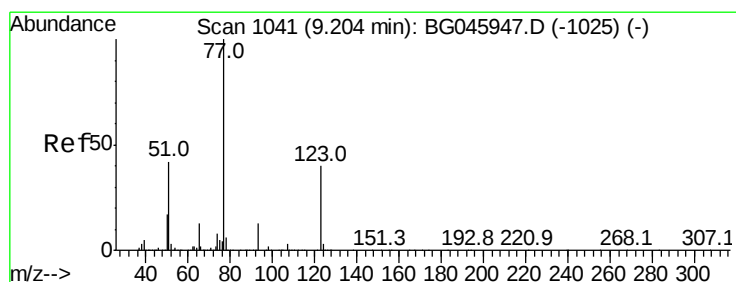
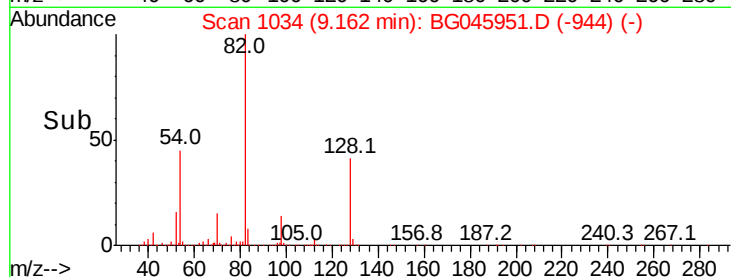
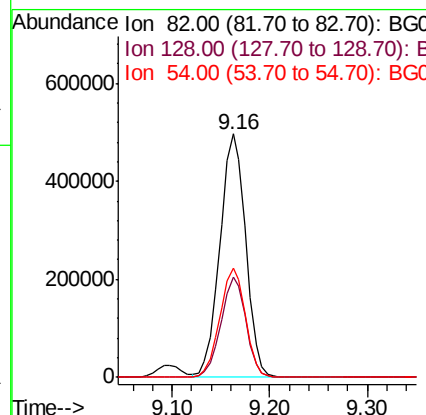
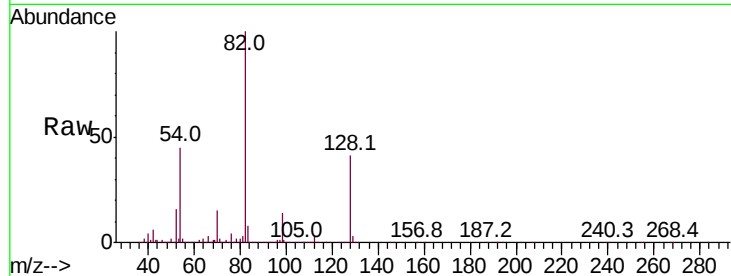




#23
Nitrobenzene-d5
Concen: 89.855 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

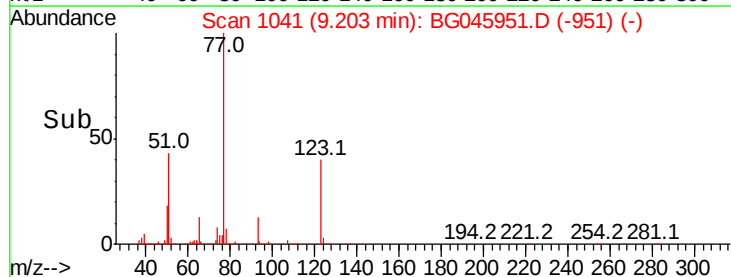
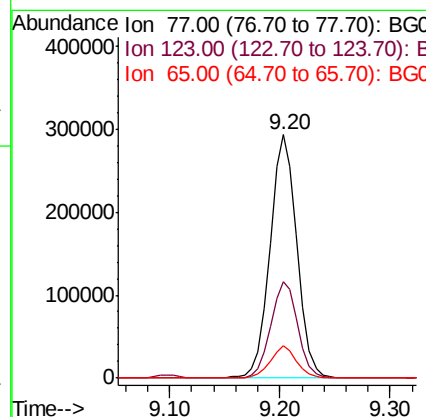
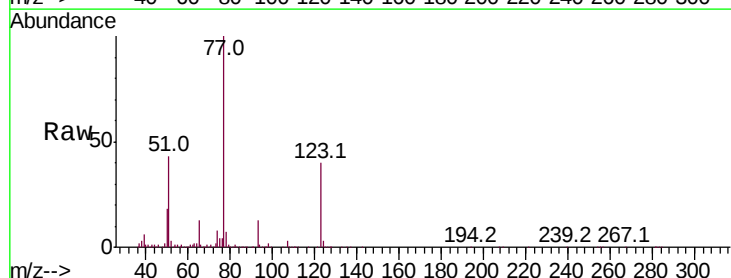
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

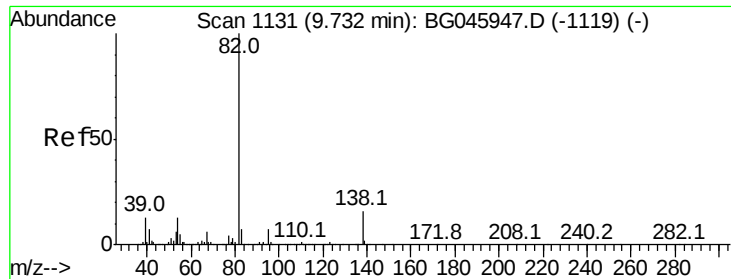
Tot Ion	82	Resp	904988
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.2	48.4
54	44.9	35.8	53.6



#24
Nitrobenzene
Concen: 44.594 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	77	Resp	495722
Ion Ratio	Lower	Upper	
77	100		
123	39.8	32.7	49.1
65	13.1	10.2	15.4

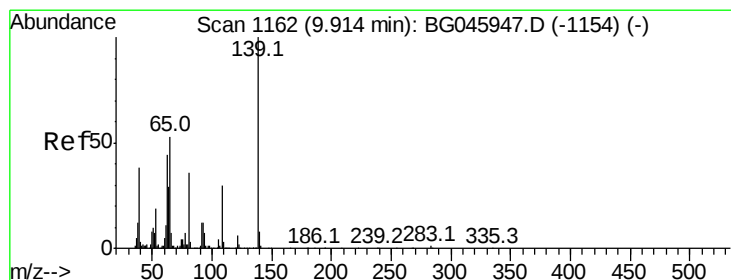
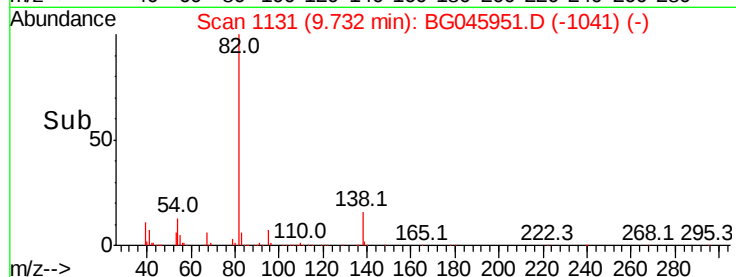
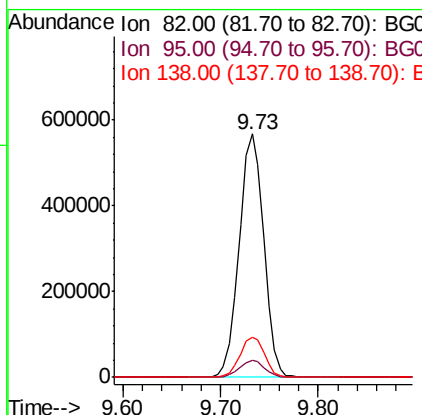
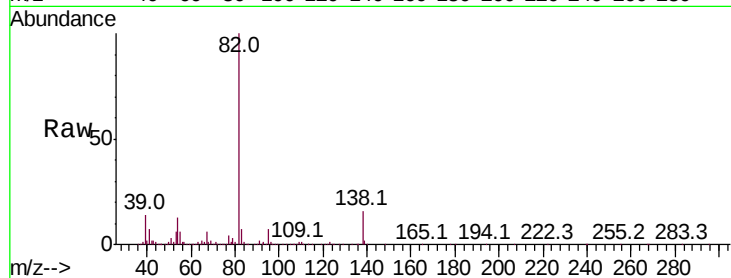




#25
Isophorone
Concen: 40.273 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

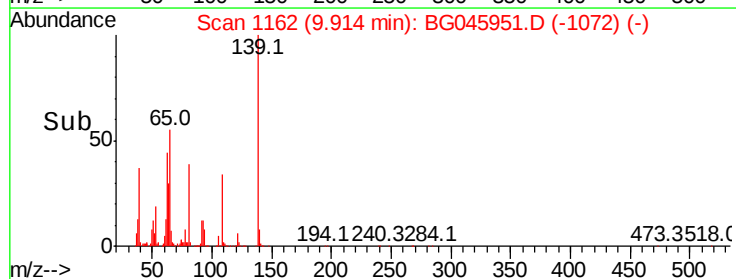
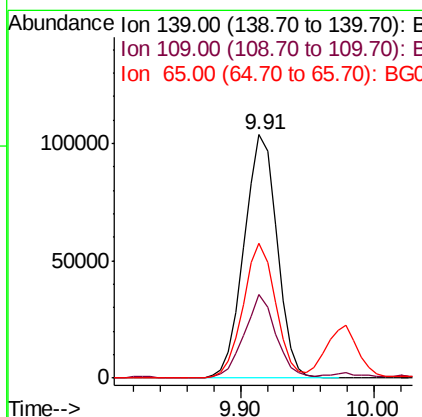
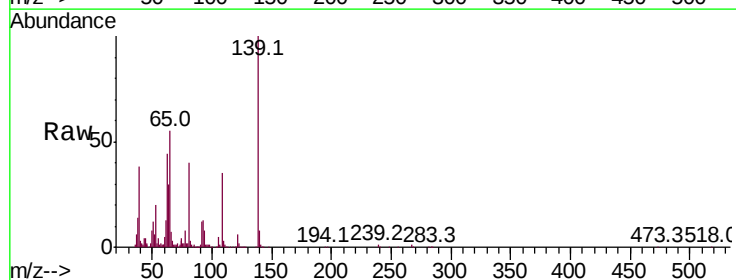
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

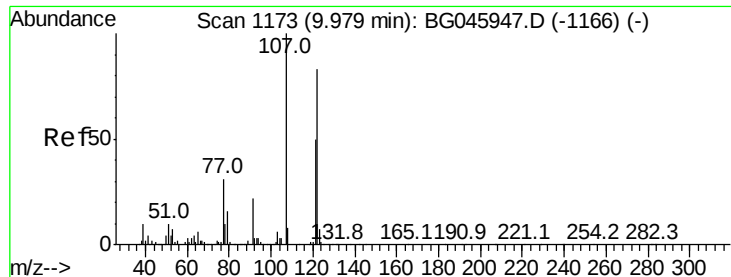
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	16.3	12.9	19.3



#26
2-Nitrophenol
Concen: 48.688 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.5	24.6	37.0
65	55.1	42.6	64.0

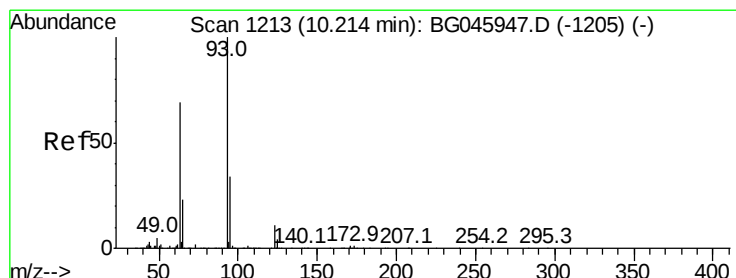
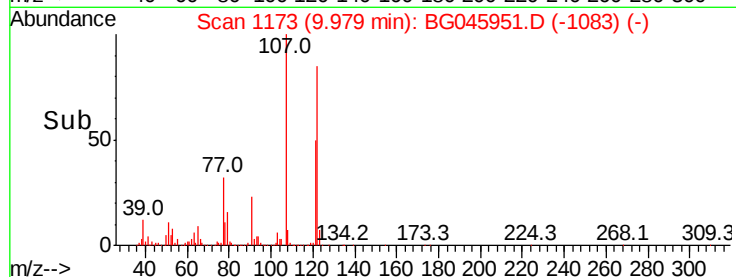
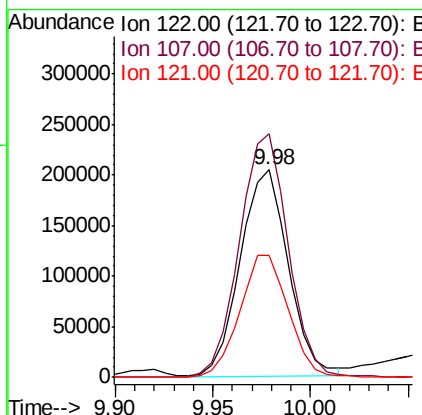
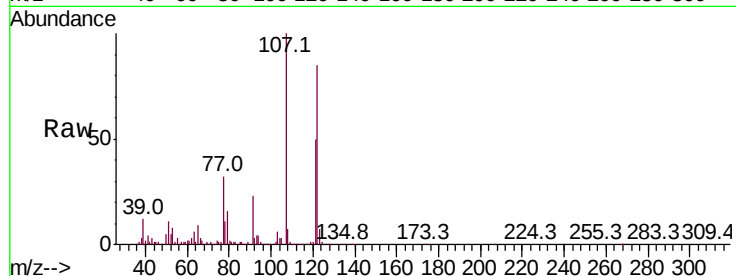




#27
2,4-Dimethylphenol
Concen: 40.155 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

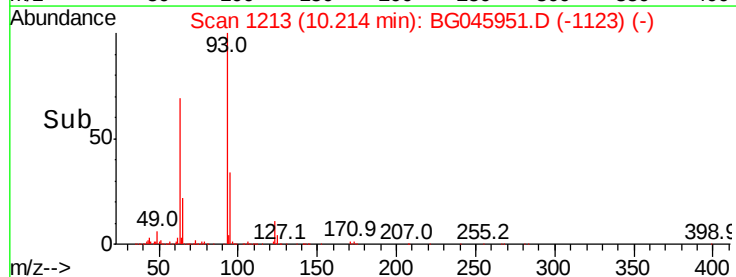
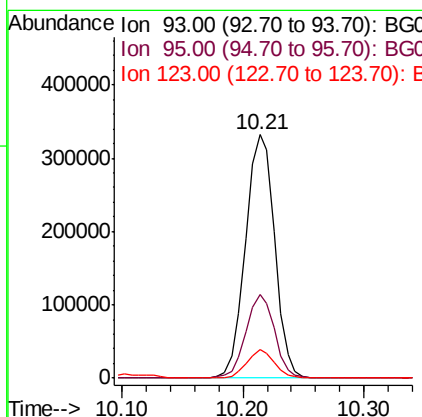
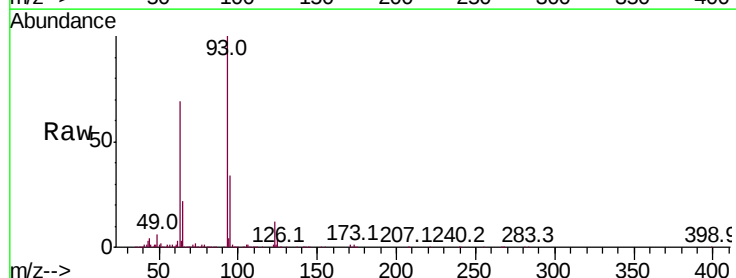
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

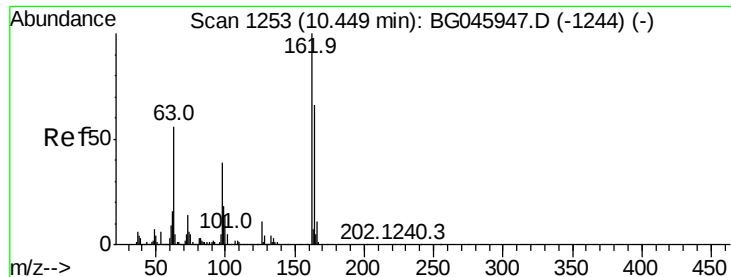
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.5	95.6	143.4
121	58.9	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.390 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	27.5	41.3
123	11.5	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.505 ng

RT: 10.45 min Scan# 1253

Delta R.T. -0.00 min

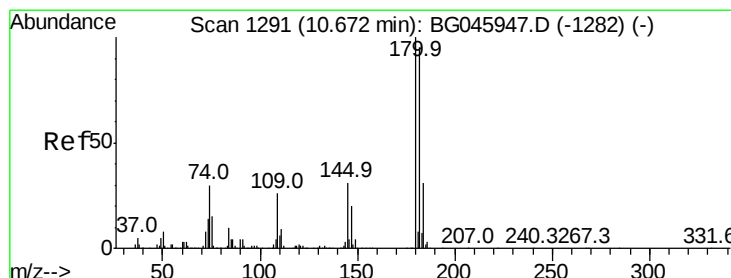
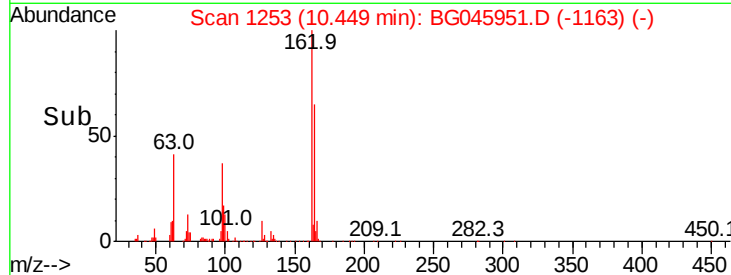
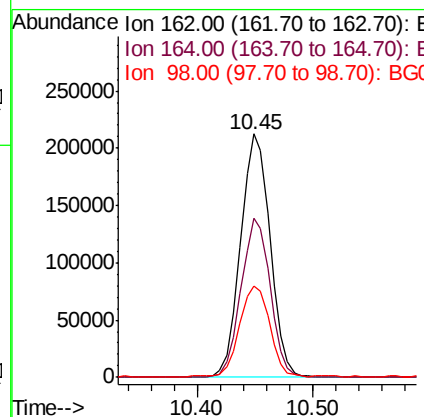
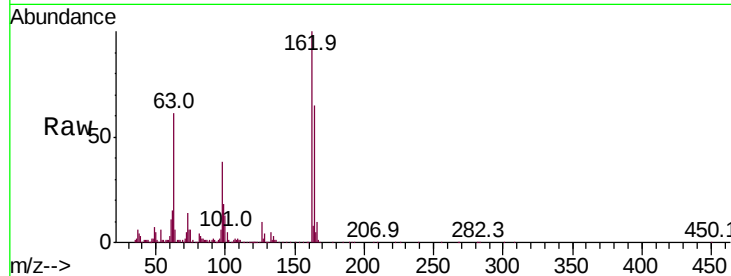
Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:162 Resp: 376024

Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.0	86.0
98	37.6	19.2	59.2



#30

1,2,4-Trichlorobenzene

Concen: 40.340 ng

RT: 10.67 min Scan# 1291

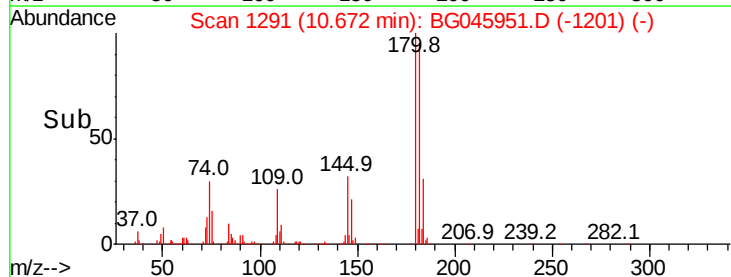
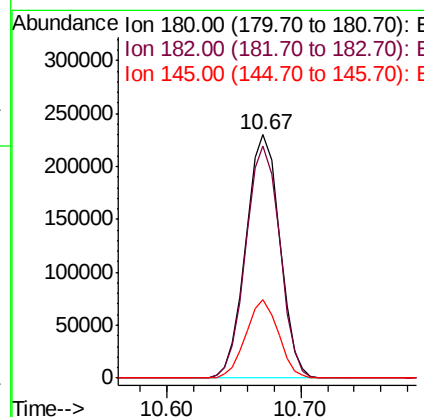
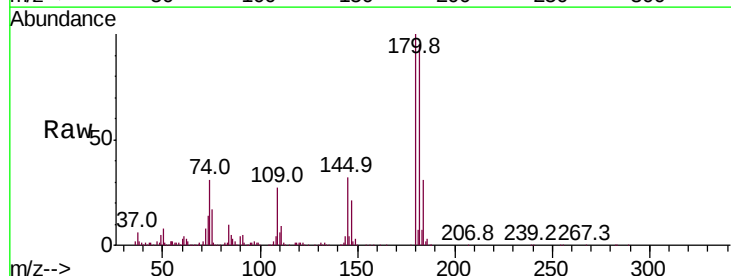
Delta R.T. -0.00 min

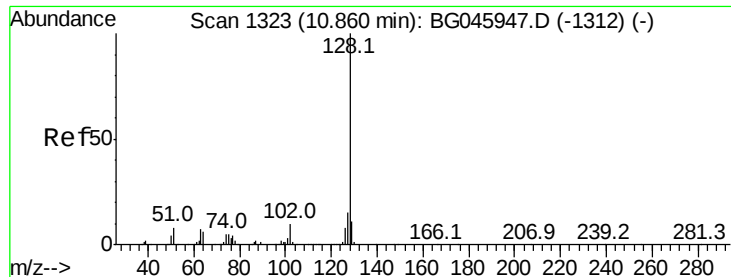
Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:180 Resp: 404937

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	32.0	24.8	37.2



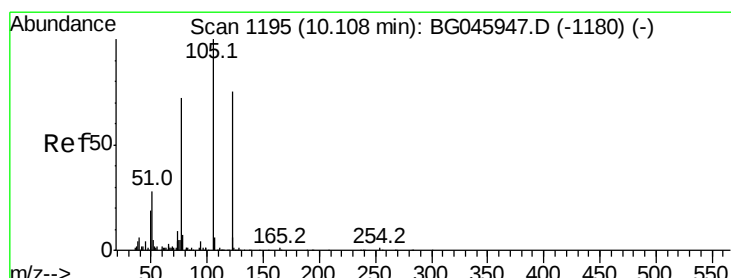
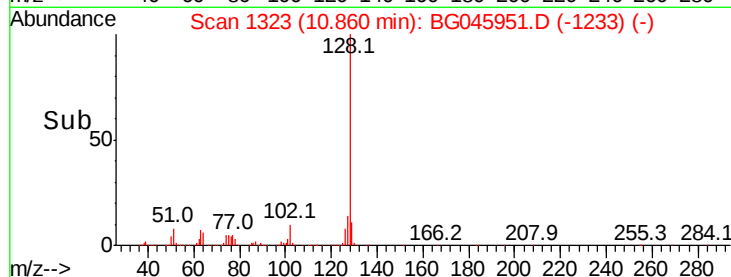
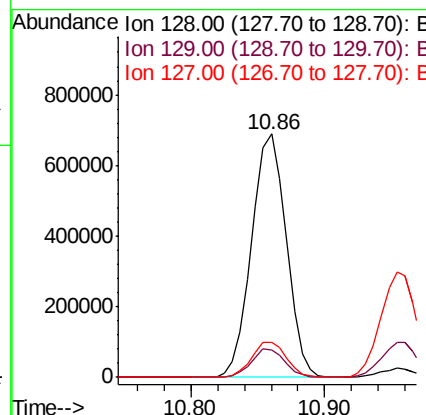
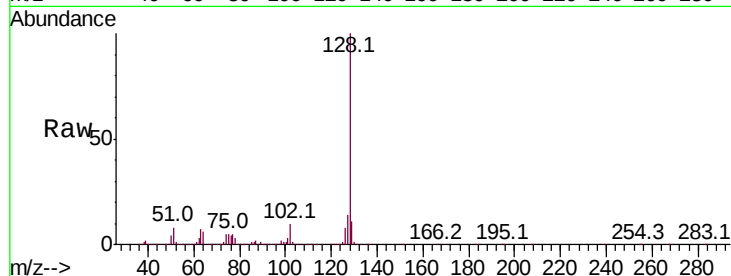


#31
Naphthalene
Concen: 39.779 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:128 Resp: 1236202

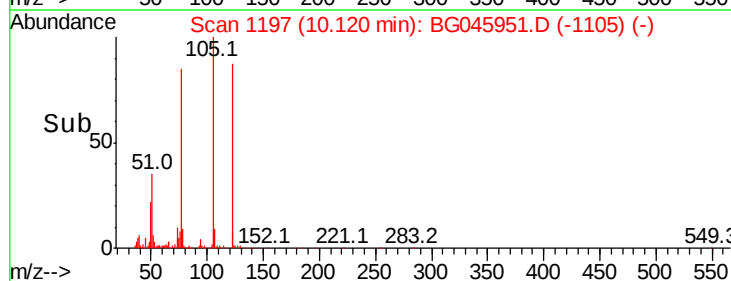
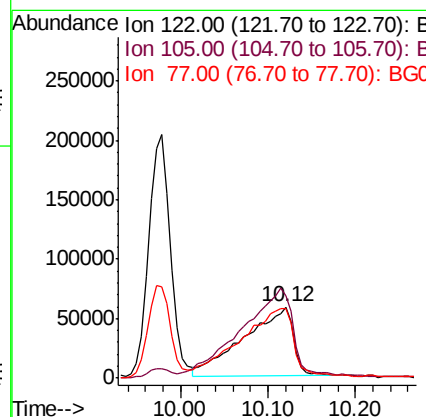
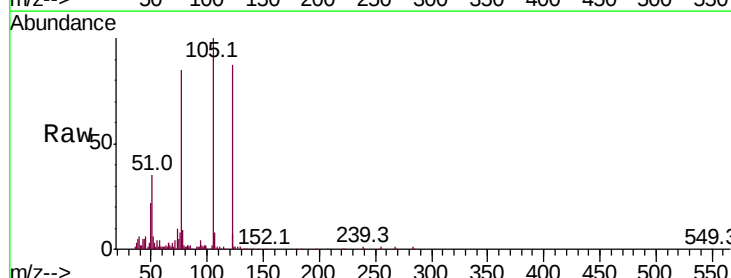
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	14.4	11.8	17.6

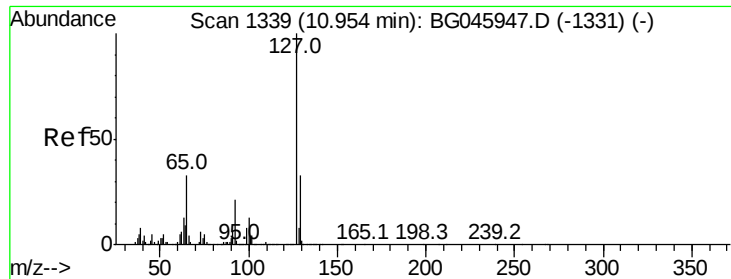


#32
Benzoic acid
Concen: 43.179 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:122 Resp: 226748

Ion	Ratio	Lower	Upper
122	100		
105	115.4	110.8	150.8
77	97.8	76.4	116.4

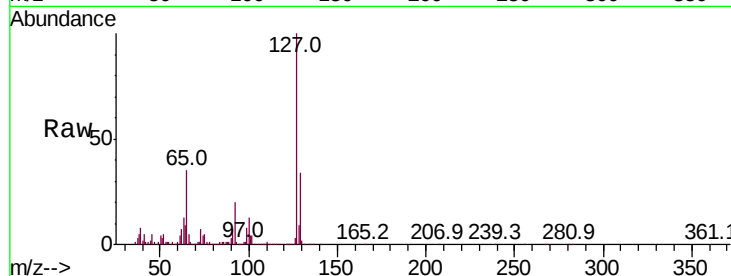




#33
4-Chloroaniline
Concen: 39.442 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:	127	Resp:	547736
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.6	39.8
65	34.7	26.8	40.2
92	20.3	17.0	25.4



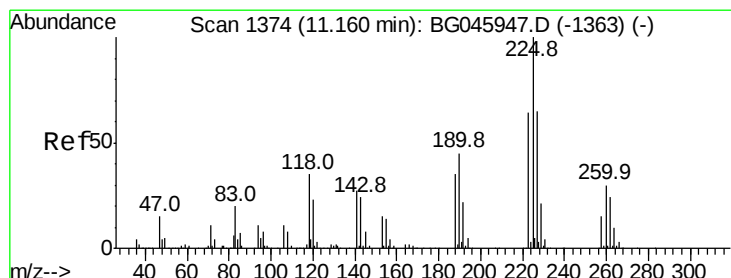
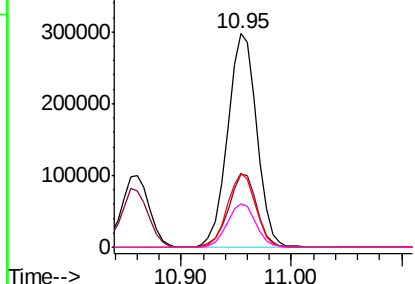
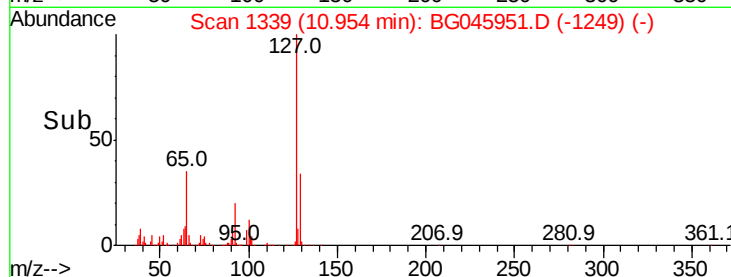
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

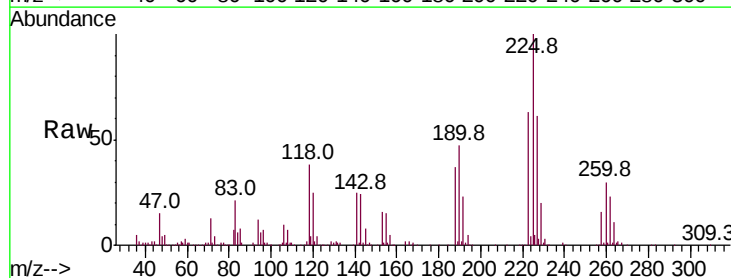
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 40.704 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:	225	Resp:	238574
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.2	76.8
227	61.4	52.3	78.5

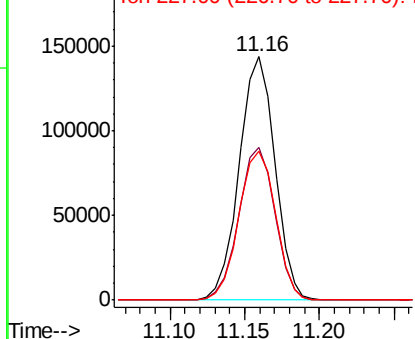
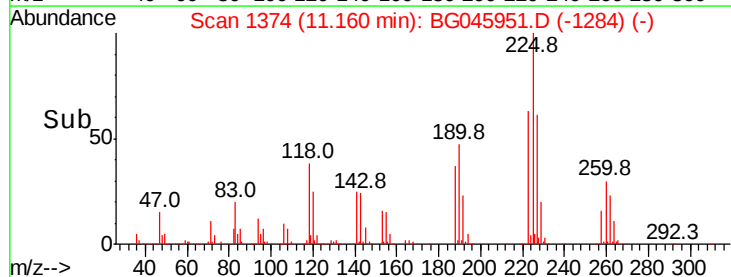


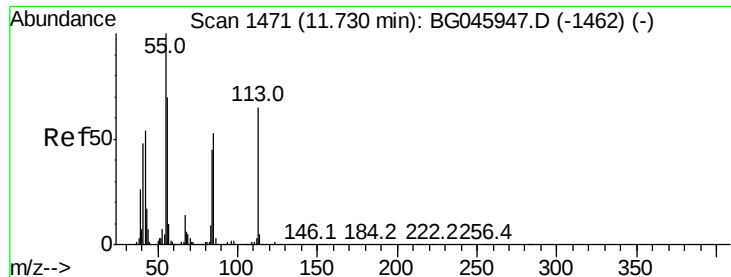
Abundance

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: 40.491 ng

RT: 11.72 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

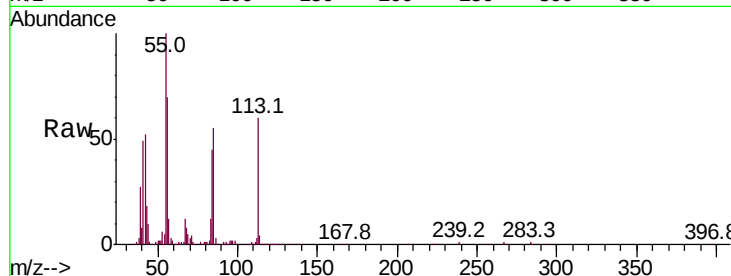
Tot Ion:113 Resp: 139276

Ion Ratio Lower Upper

113 100

55 166.2 141.6 181.6

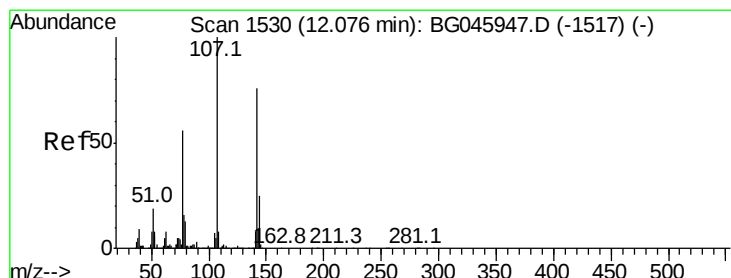
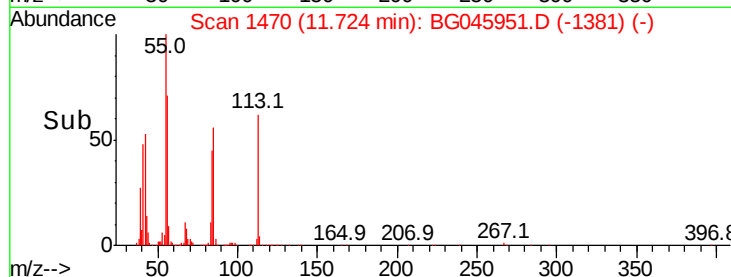
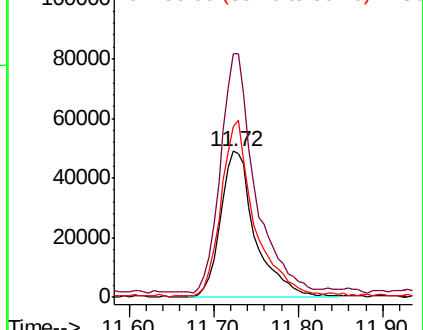
56 116.6 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.532 ng

RT: 12.08 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

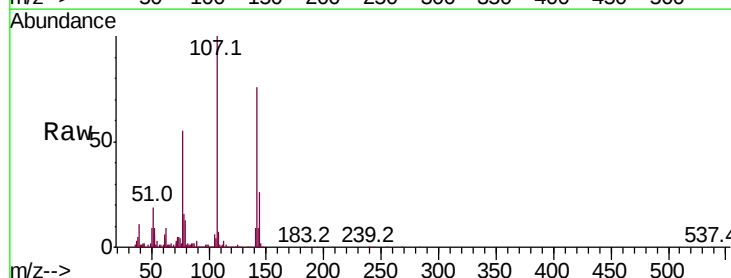
Tgt Ion:107 Resp: 418233

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

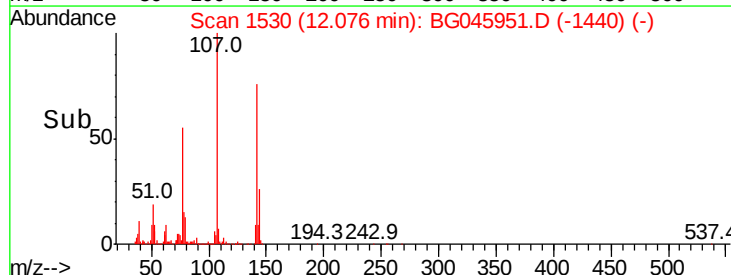
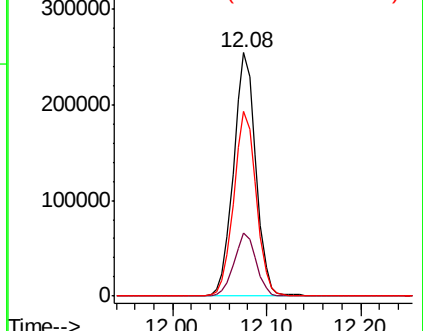
142 75.9 61.1 91.7

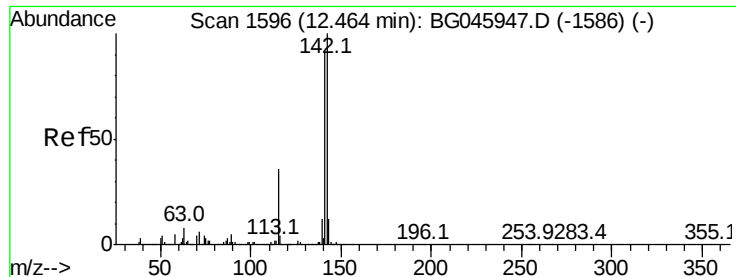


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

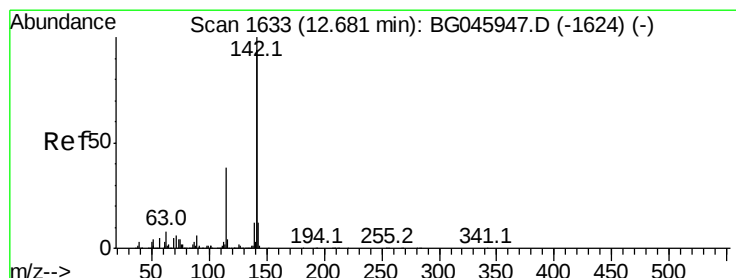
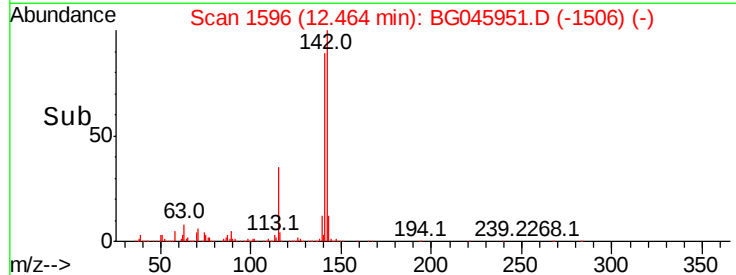
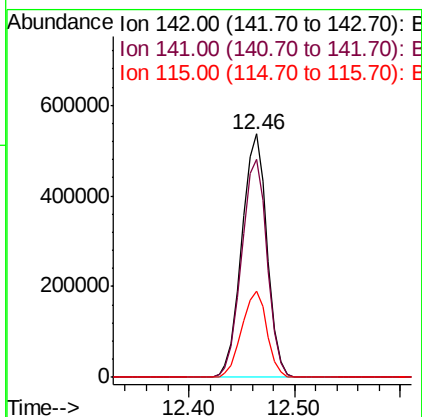
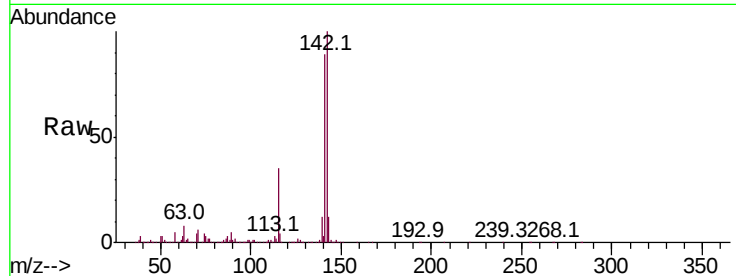




#37
2-Methylnaphthalene
Concen: 40.121 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

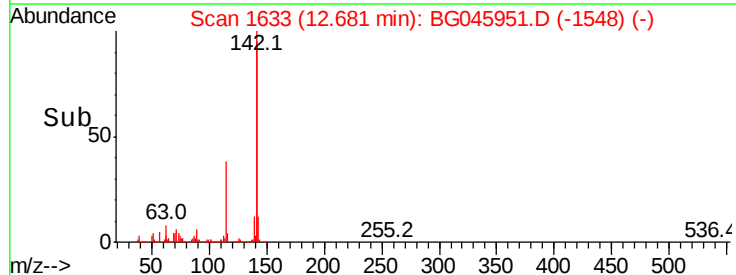
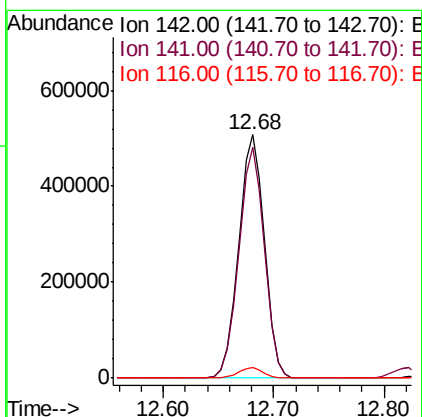
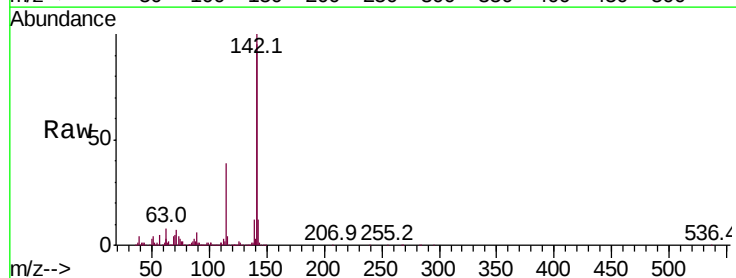
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

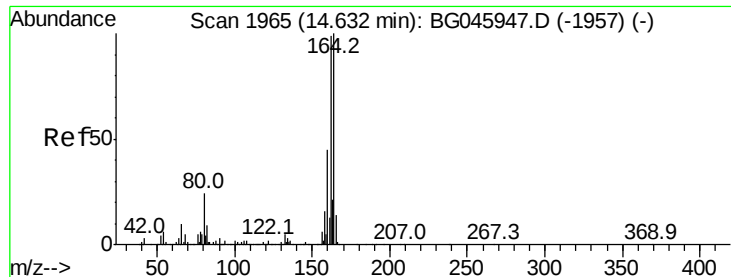
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.0	109.6
115	35.5	28.8	43.2



#38
1-Methylnaphthalene
Concen: 39.712 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.2	112.8
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

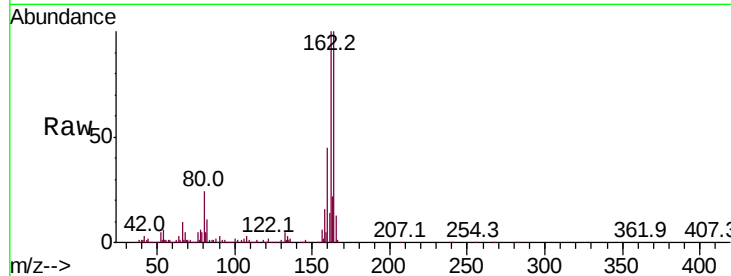
Tot Ion:164 Resp: 340309

Ion Ratio Lower Upper

164 100

162 99.6 79.3 118.9

160 45.1 35.7 53.5

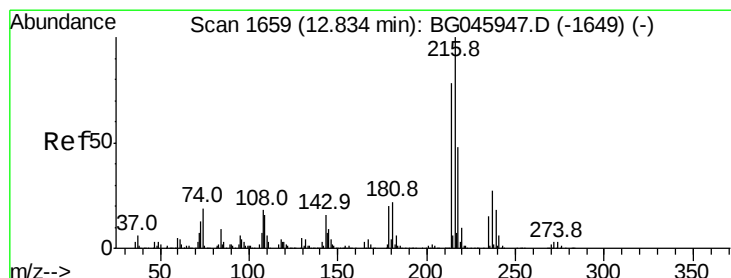
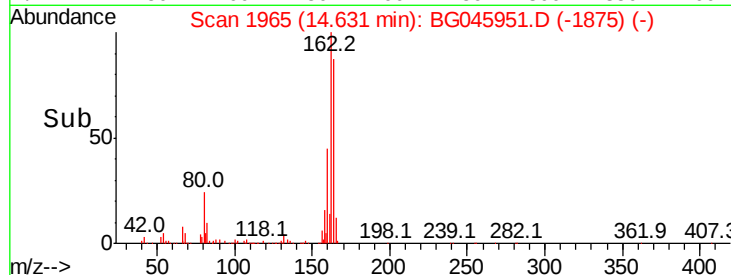
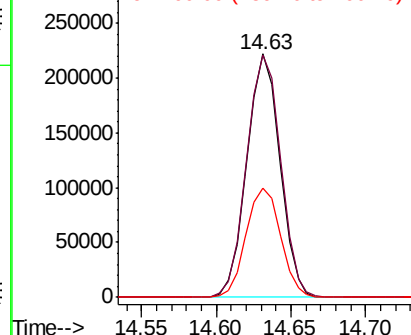


Abundance

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: 41.485 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:216 Resp: 397970

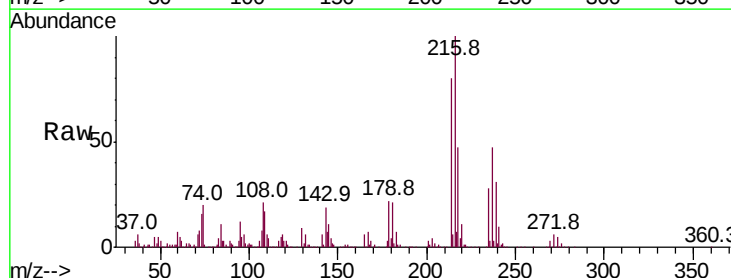
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 21.3 17.0 25.6

108 21.2 17.3 25.9



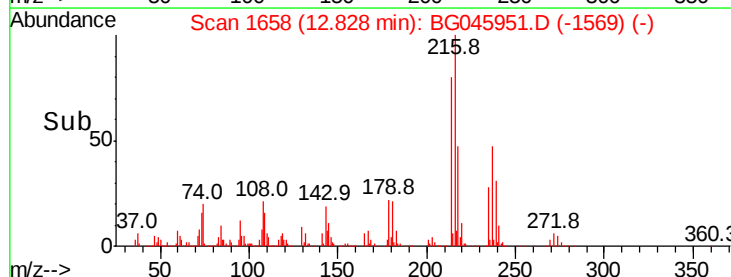
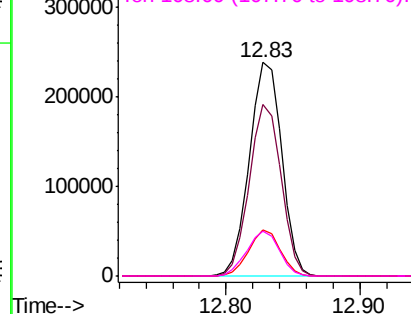
Abundance

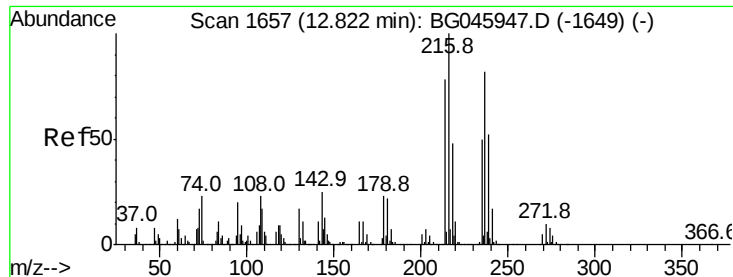
Ion 216.00 (215.70 to 216.70): E

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: 41.906 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

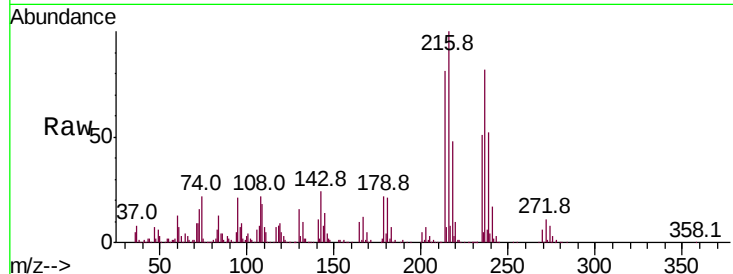
Tot Ion:237 Resp: 238537

Ion Ratio Lower Upper

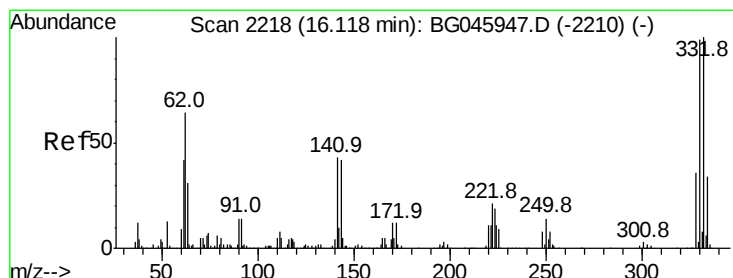
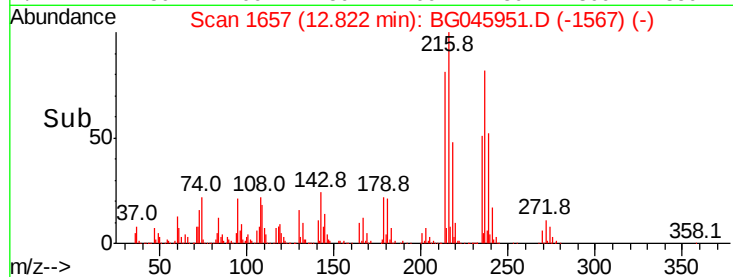
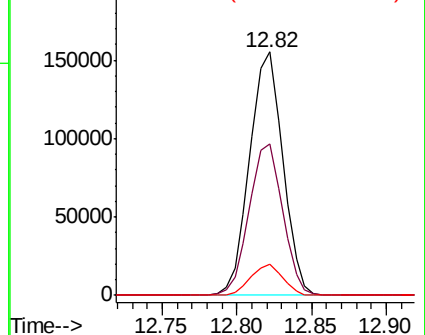
237 100

235 62.4 41.5 81.5

272 12.9 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: 87.373 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

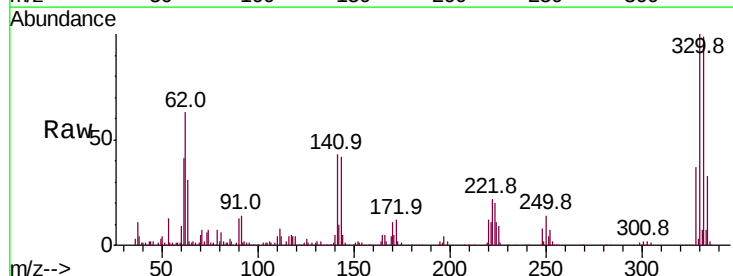
Tgt Ion:330 Resp: 275960

Ion Ratio Lower Upper

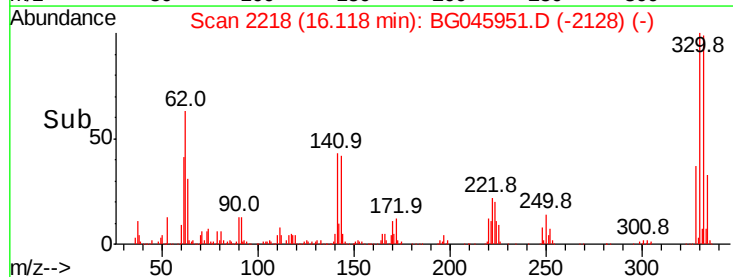
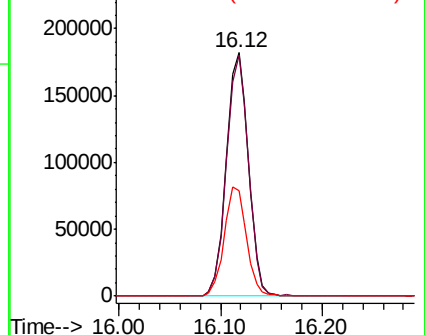
330 100

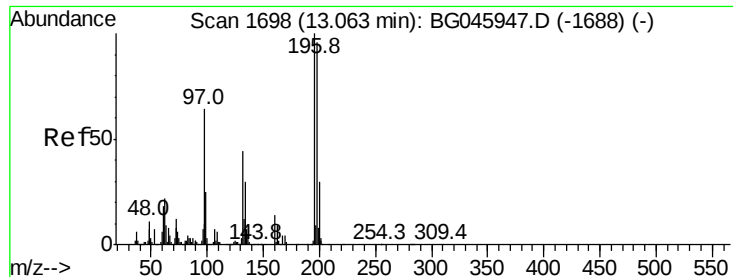
332 98.0 78.3 117.5

141 45.0 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

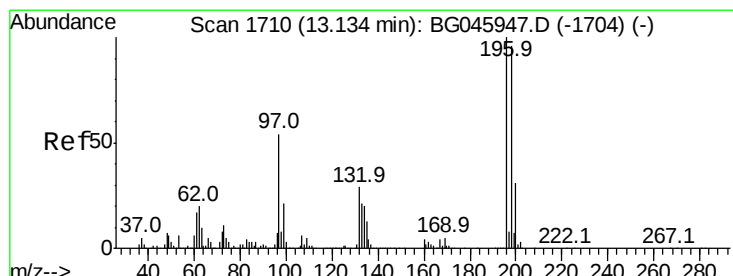
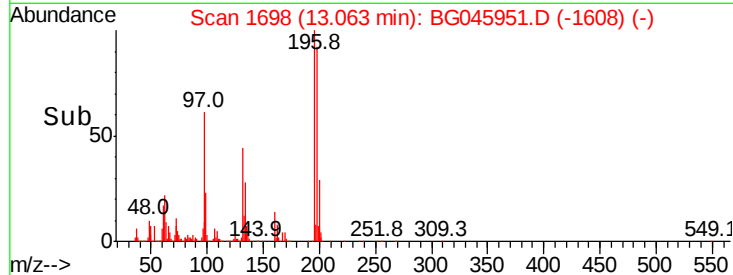
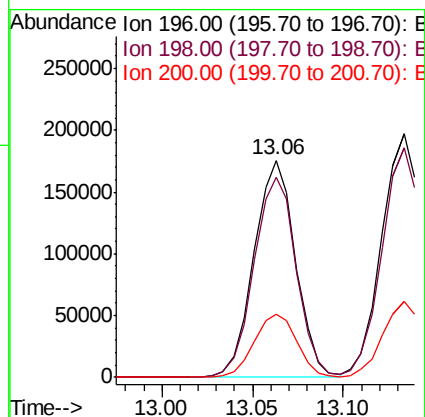
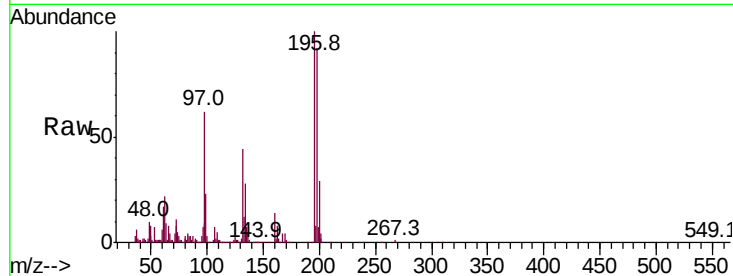




#43
 2,4,6-Trichlorophenol
 Concen: 43.352 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

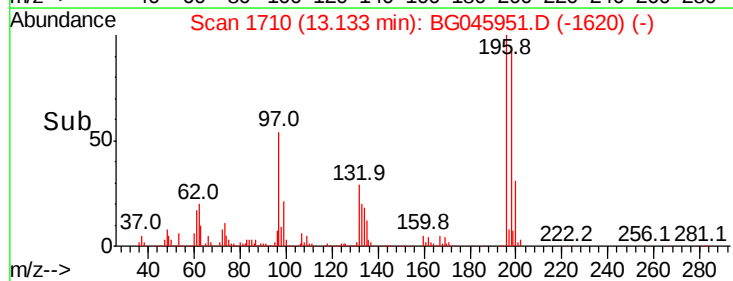
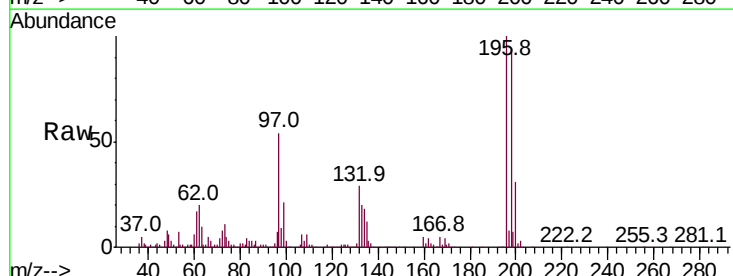
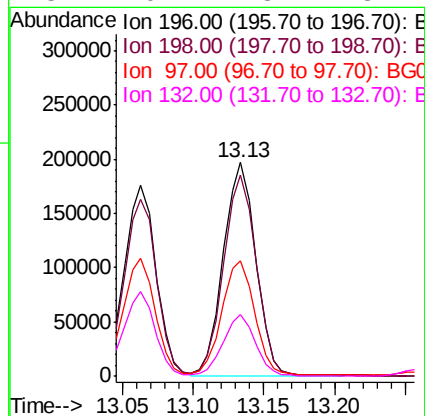
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

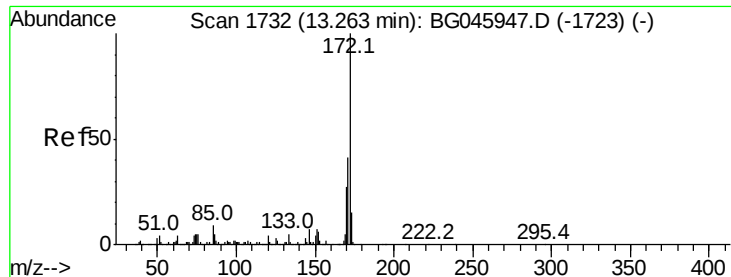
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.7	115.1
200	29.2	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.007 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	77.0	115.6
97	54.2	44.3	66.5
132	29.1	23.1	34.7

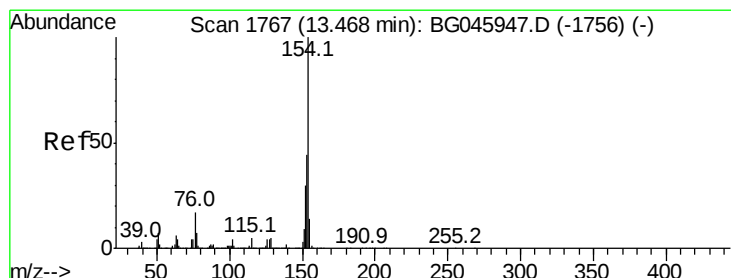
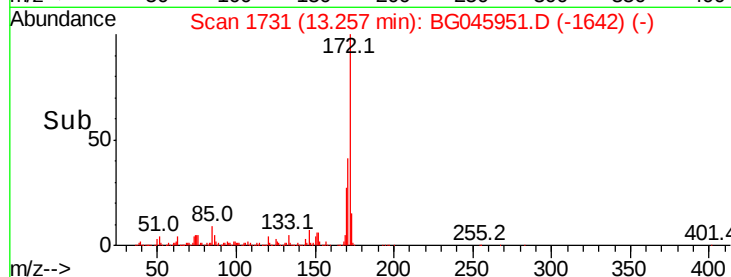
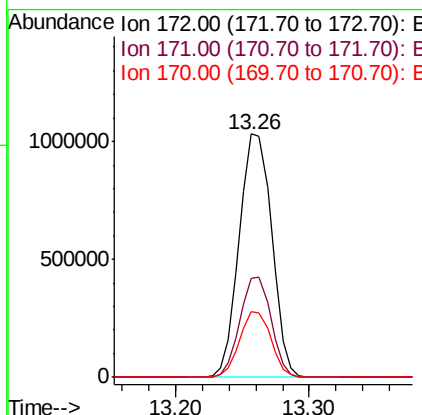
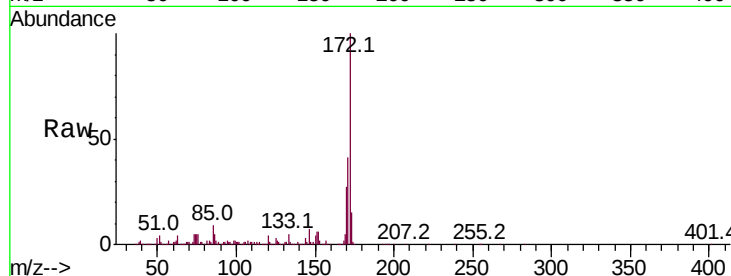




#45
2-Fluorobiphenyl
Concen: 79.931 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

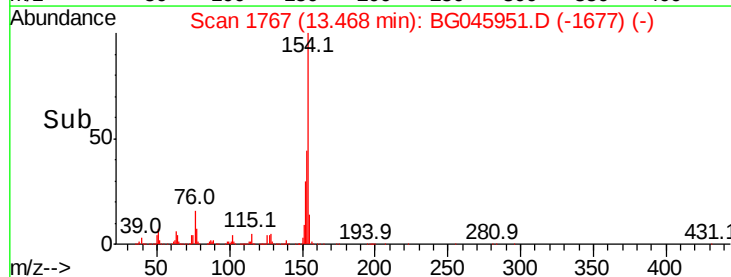
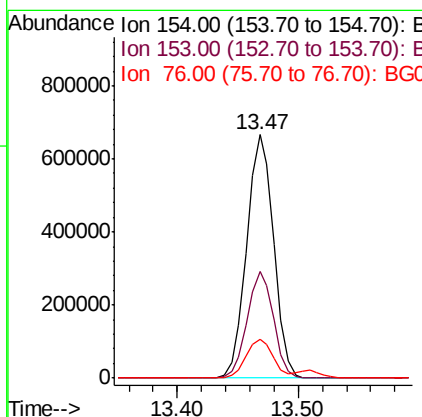
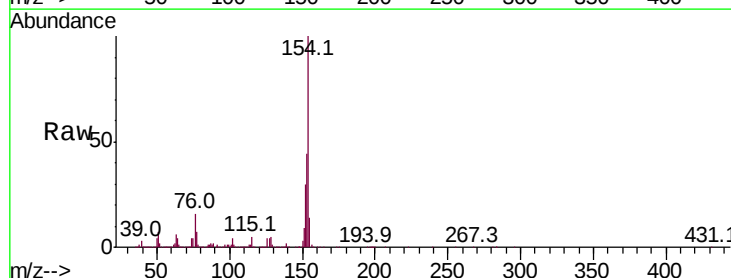
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

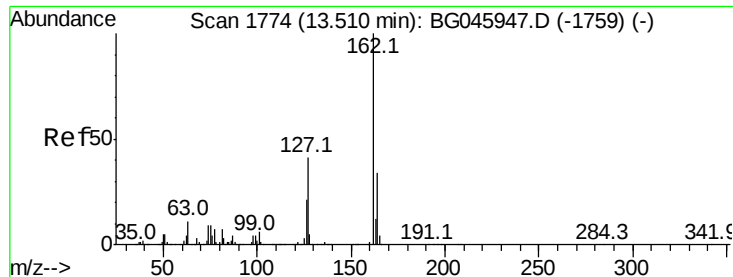
Tot Ion:172 Resp: 1743857
Ion Ratio Lower Upper
172 100
171 40.8 32.9 49.3
170 26.8 21.8 32.6



#46
1,1'-Biphenyl
Concen: 40.376 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:154 Resp: 1033637
Ion Ratio Lower Upper
154 100
153 43.7 23.6 63.6
76 16.1 0.0 36.9

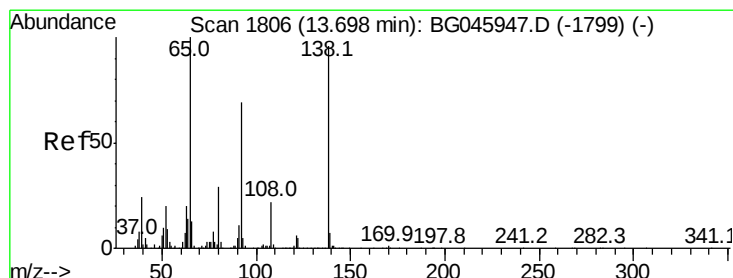
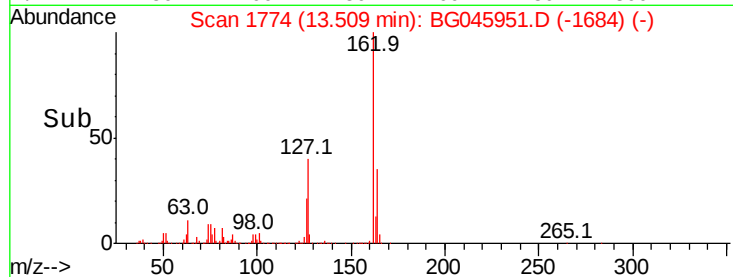
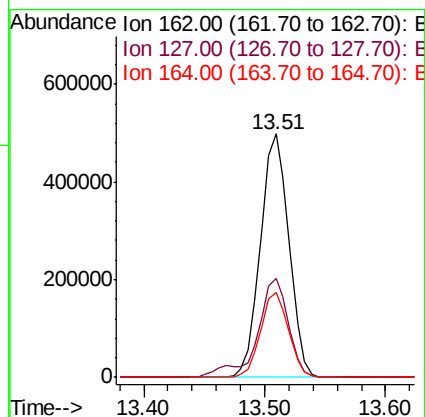
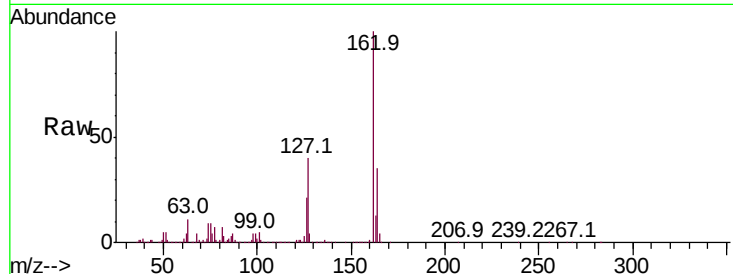




#47
2-Chloronaphthalene
Concen: 40.287 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

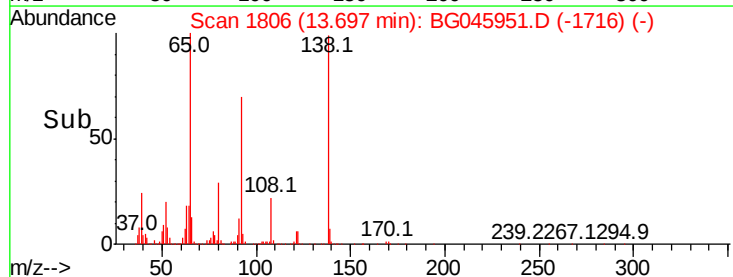
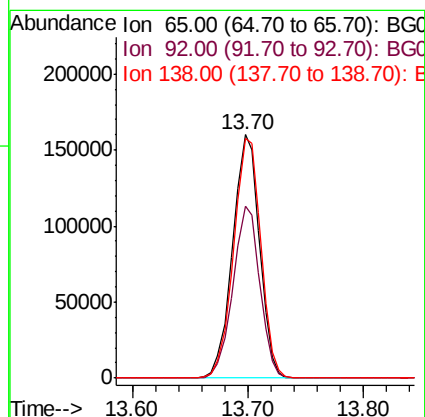
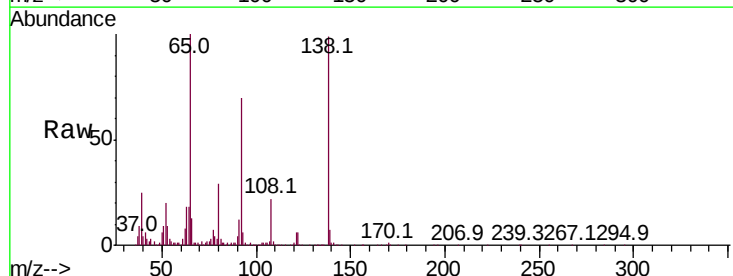
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

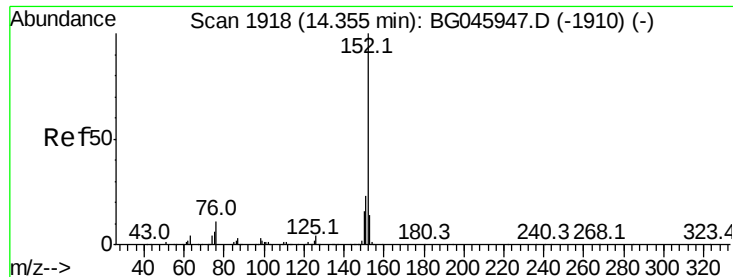
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.5	48.7
164	34.9	27.2	40.8



#48
2-Nitroaniline
Concen: 45.690 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.4	83.0
138	98.6	77.0	115.4





#49

Acenaphthylene

Concen: 40.006 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

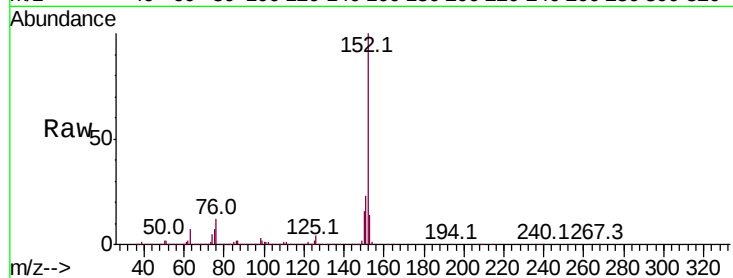
Tot Ion:152 Resp: 1303774

Ion Ratio Lower Upper

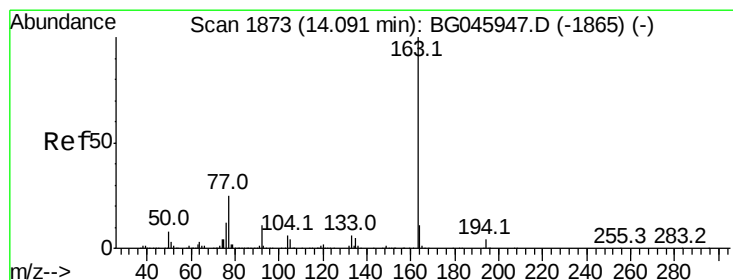
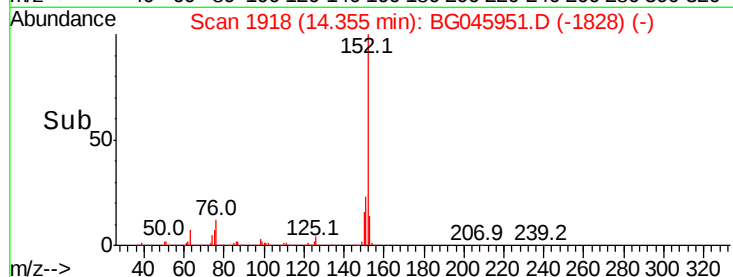
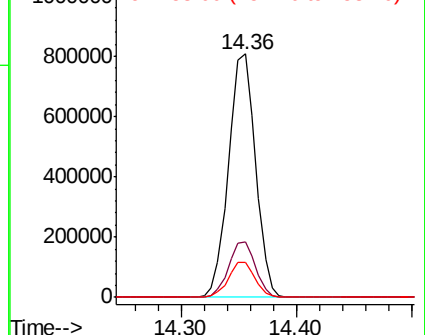
152 100

151 22.7 18.1 27.1

153 14.5 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: 39.981 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

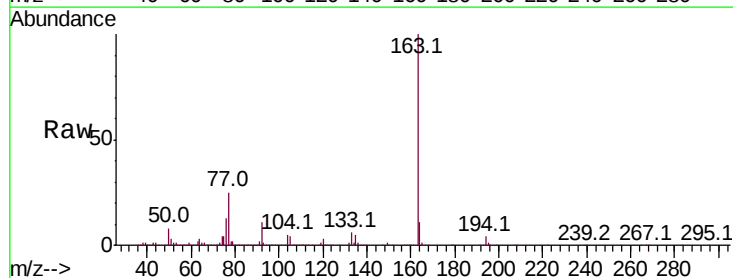
Tgt Ion:163 Resp: 1021094

Ion Ratio Lower Upper

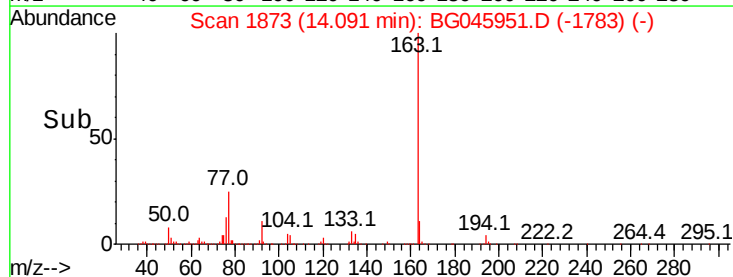
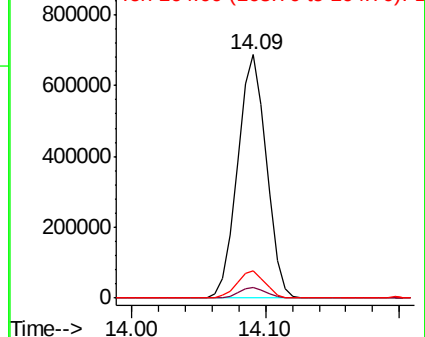
163 100

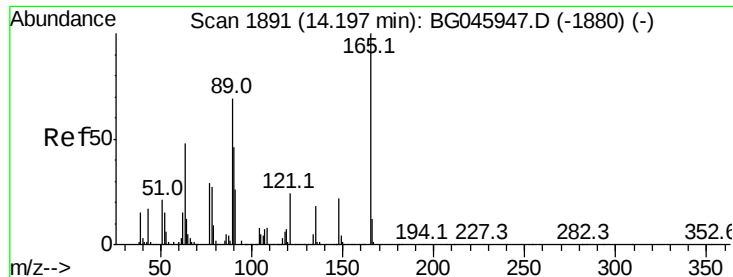
194 4.1 3.6 5.4

164 11.5 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

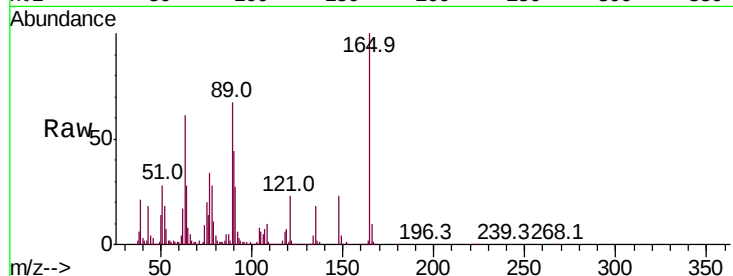




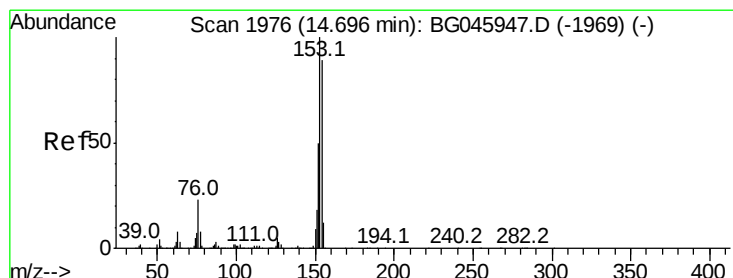
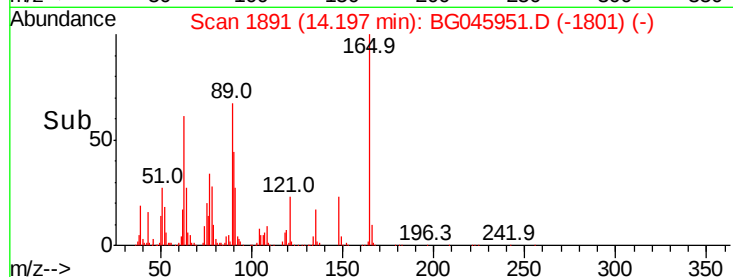
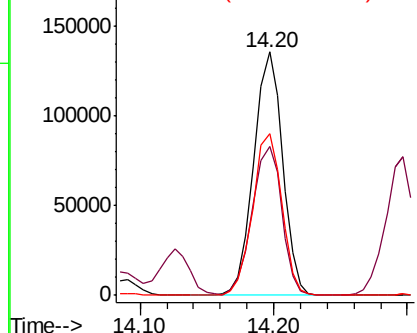
#51
2,6-Dinitrotoluene
Concen: 44.417 ng
RT: 14.20 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:165 Resp: 201681
Ion Ratio Lower Upper
165 100
63 61.3 51.0 76.4
89 66.6 55.7 83.5

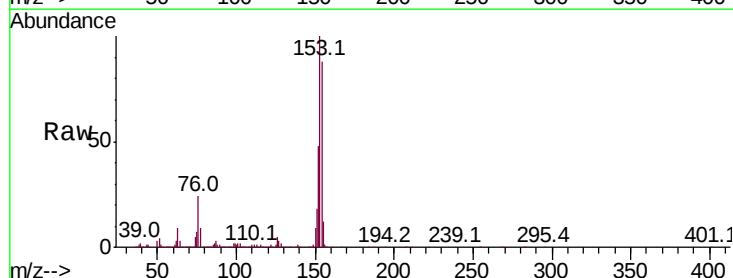


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

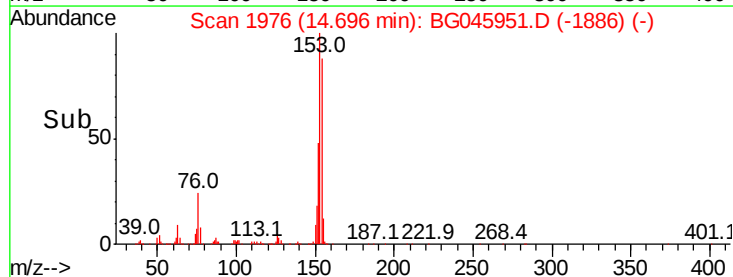
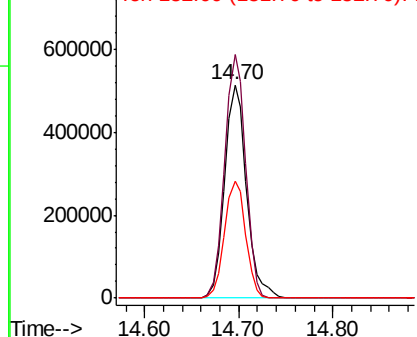


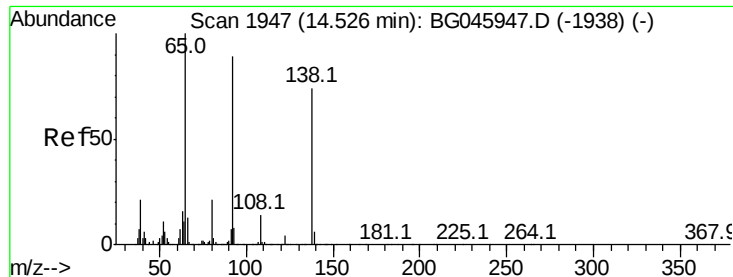
#52
Acenaphthene
Concen: 40.570 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:154 Resp: 833952
Ion Ratio Lower Upper
154 100
153 114.1 89.7 134.5
152 54.9 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.403 ng

RT: 14.53 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

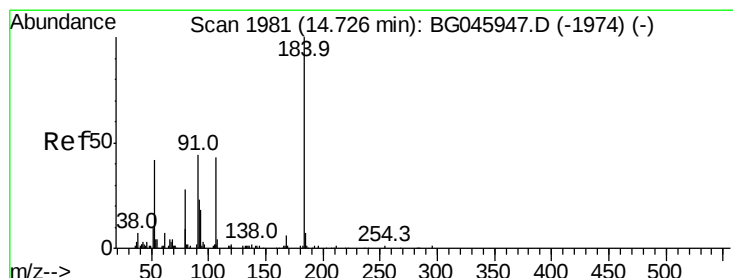
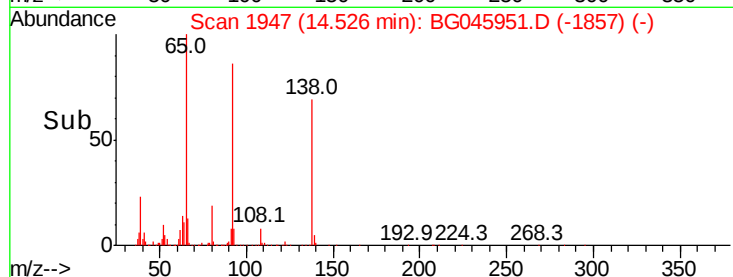
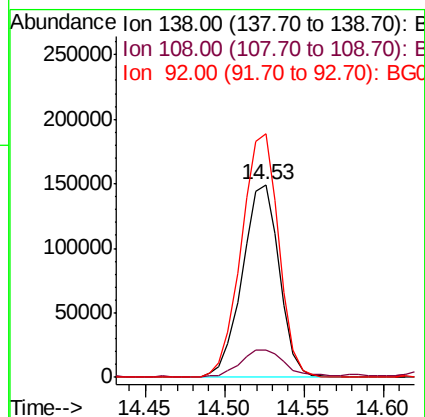
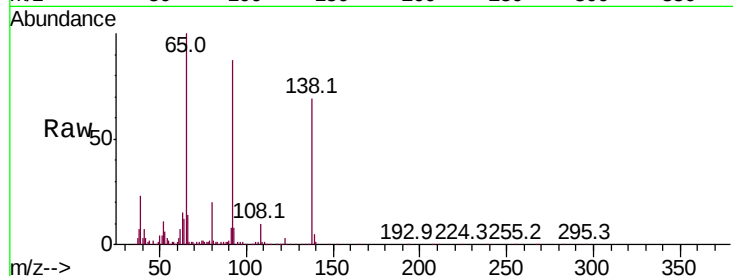
Tot Ion:138 Resp: 241566

Ion Ratio Lower Upper

138 100

108 14.2 15.4 23.2#

92 126.4 95.9 143.9



#54

2,4-Dinitrophenol

Concen: 45.770 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

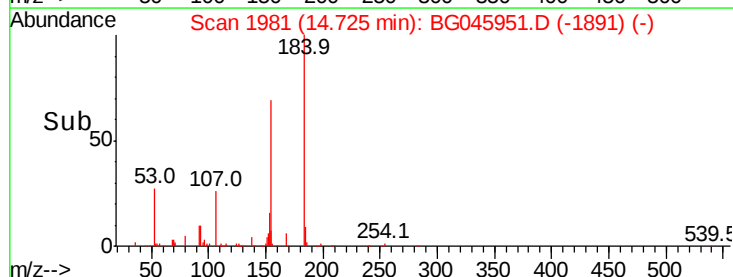
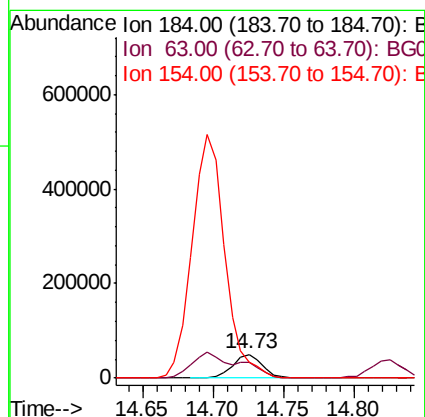
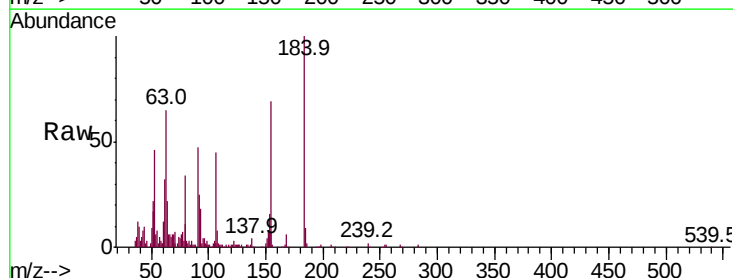
Tgt Ion:184 Resp: 73376

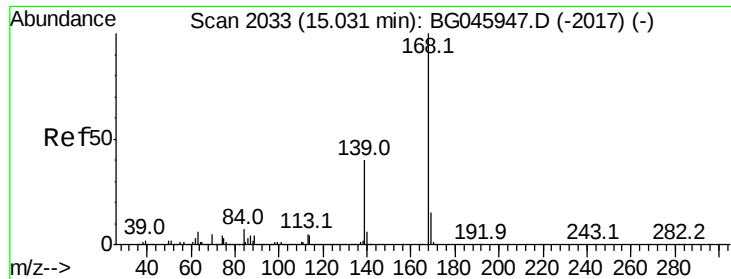
Ion Ratio Lower Upper

184 100

63 65.1 46.0 69.0

154 68.8 58.2 87.2

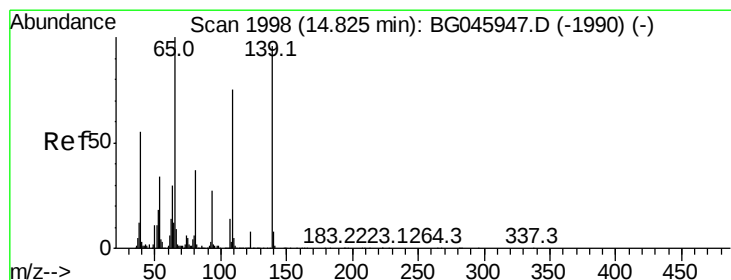
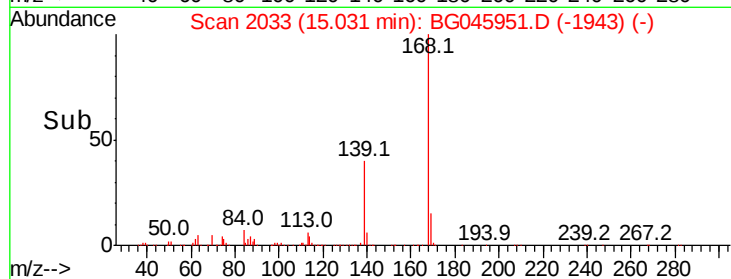
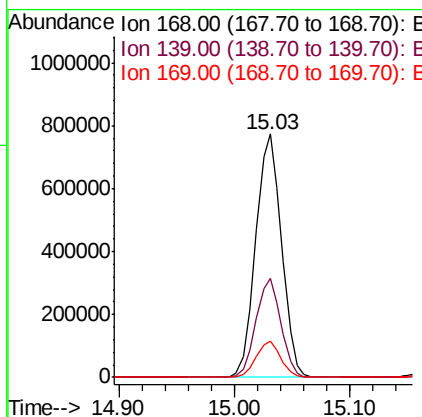
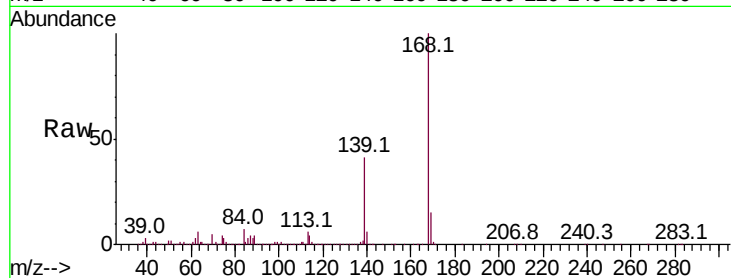




#55
Dibenzofuran
Concen: 39.879 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

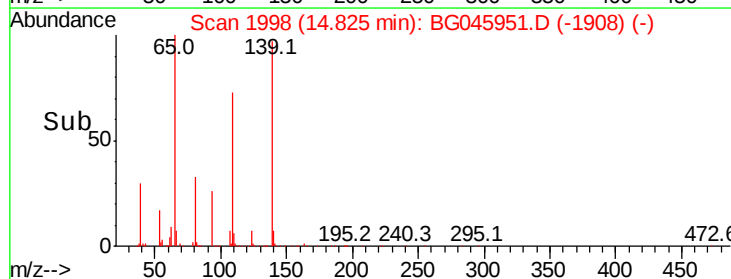
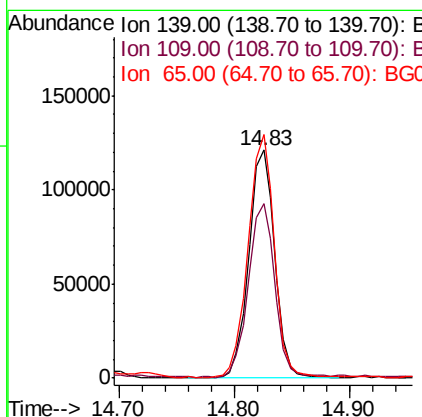
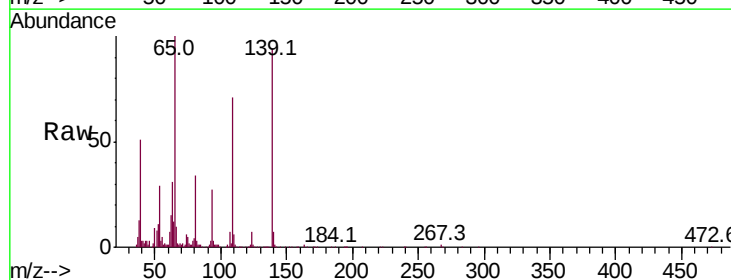
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

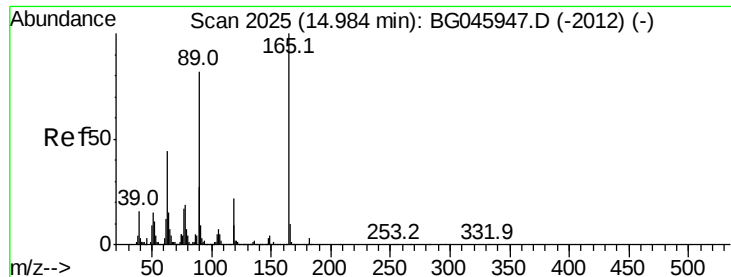
Tot Ion:168 Resp: 1201625
Ion Ratio Lower Upper
168 100
139 40.6 32.2 48.2
169 14.7 11.8 17.8



#56
4-Nitrophenol
Concen: 45.566 ng
RT: 14.83 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:139 Resp: 189596
Ion Ratio Lower Upper
139 100
109 76.3 58.5 98.5
65 106.7 84.7 124.7

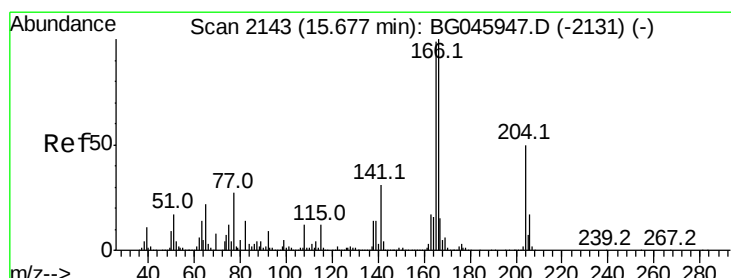
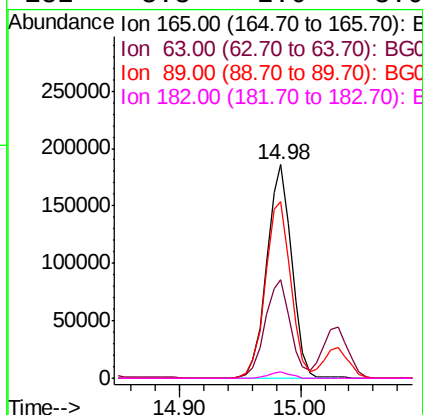
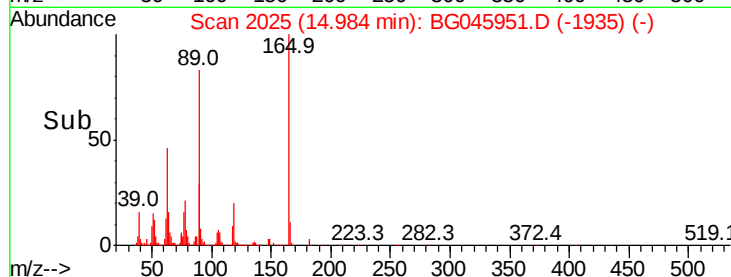
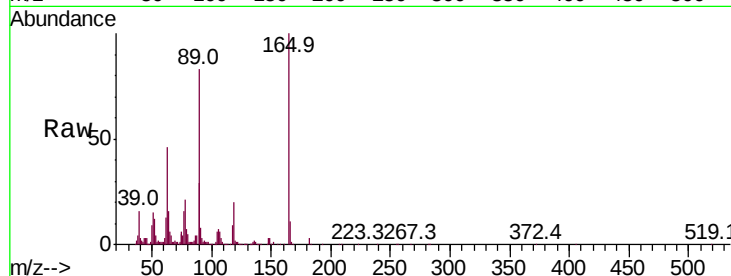




#57
2,4-Dinitrotoluene
Concen: 44.981 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

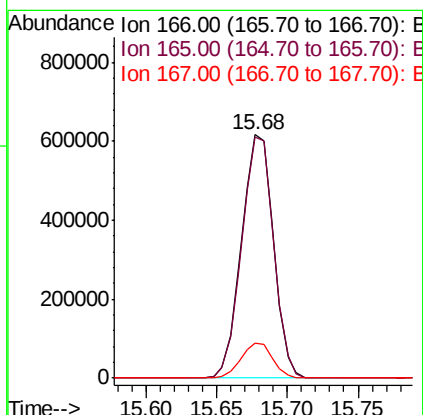
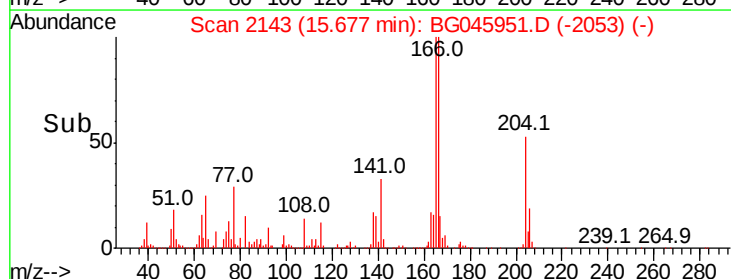
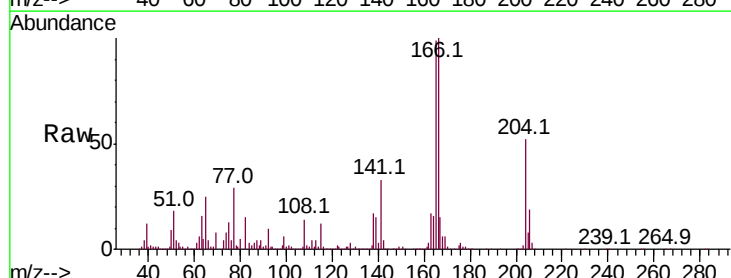
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

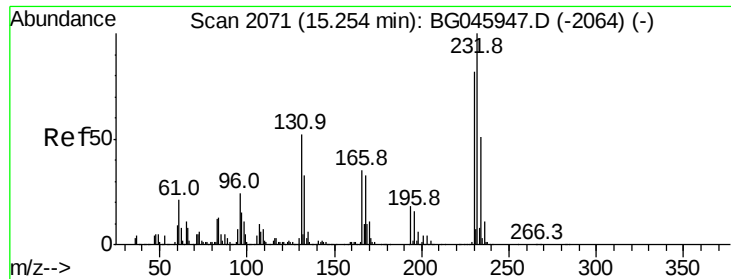
Tot Ion:165 Resp: 262092
Ion Ratio Lower Upper
165 100
63 46.2 35.4 53.0
89 82.5 65.4 98.2
182 3.3 2.0 3.0#



#58
Fluorene
Concen: 39.633 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:166 Resp: 979664
Ion Ratio Lower Upper
166 100
165 98.9 78.9 118.3
167 14.6 12.1 18.1

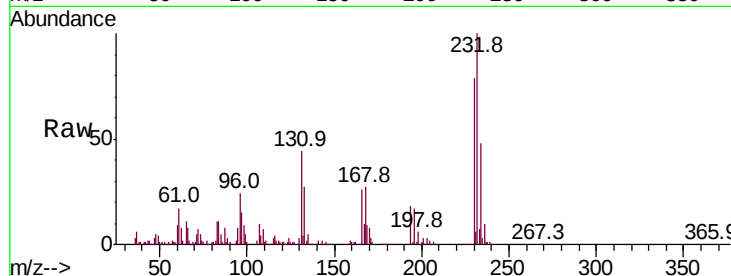




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.102 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.08 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:	232	Resp:	249774
Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.8	53.6
130	2.8	2.5	3.7
166	27.1	21.8	32.8



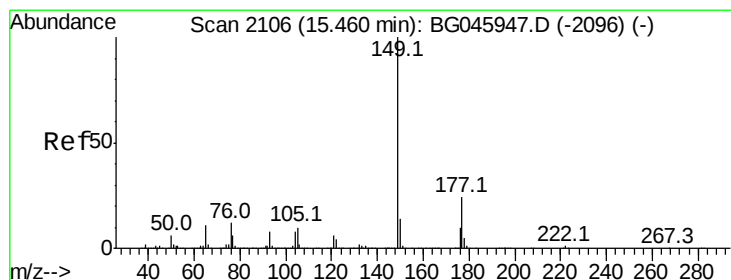
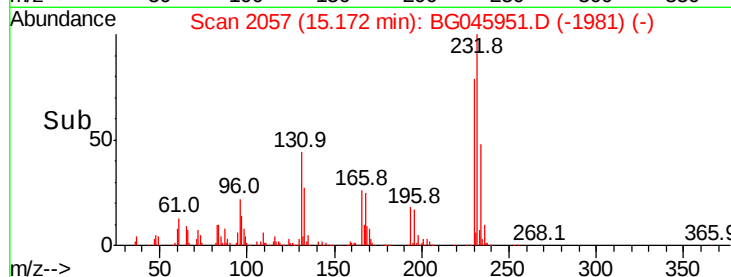
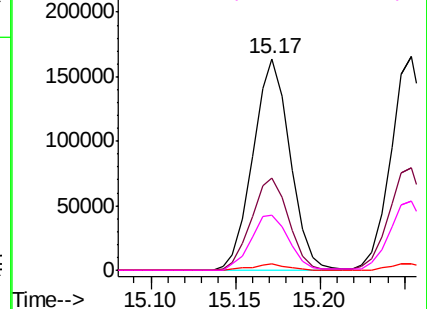
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

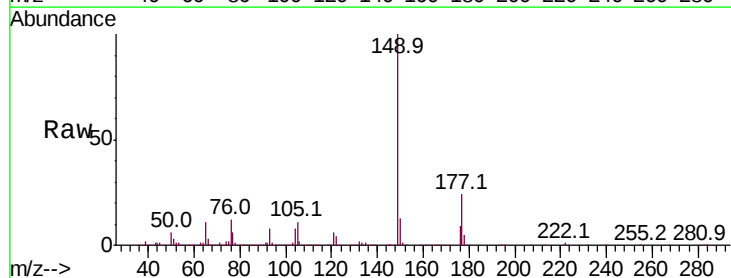
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.248 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:	149	Resp:	1051225
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.0	28.4
150	13.4	11.0	16.4

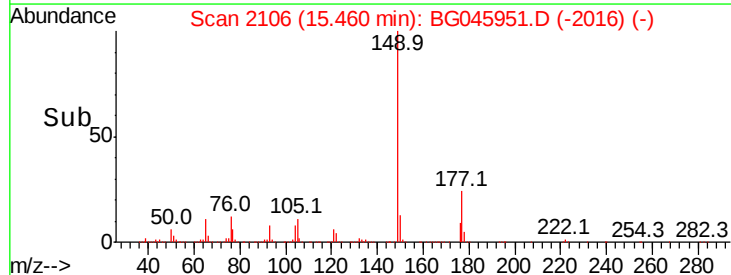
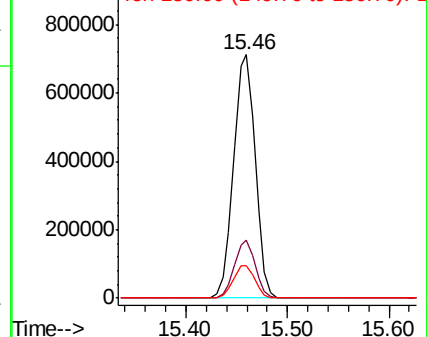


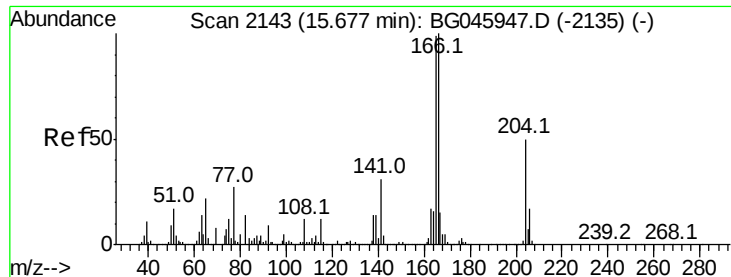
Abundance

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

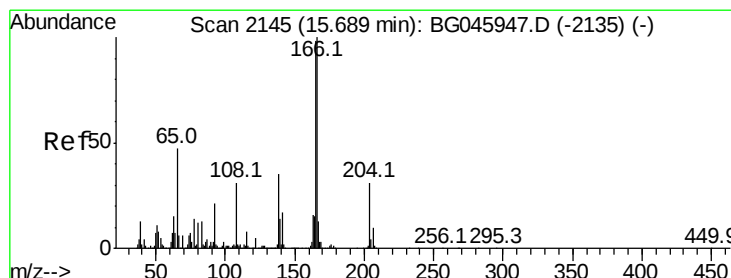
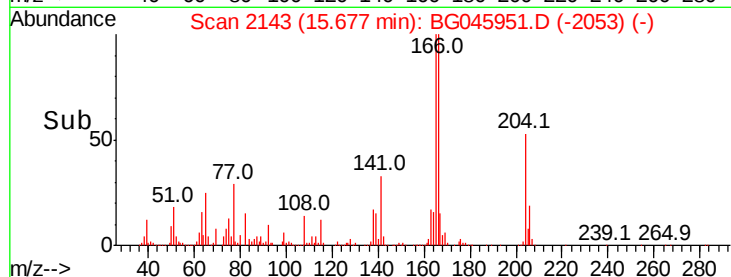
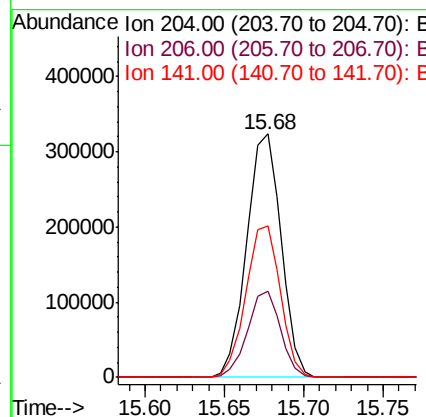
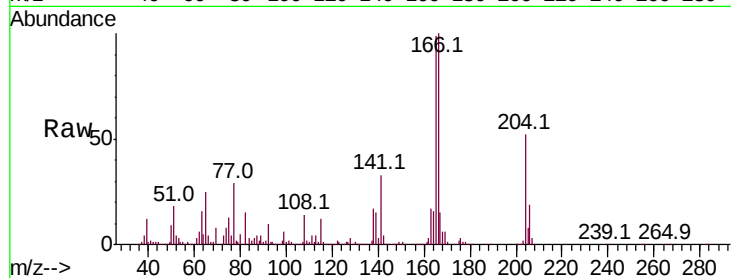




#61
4-Chlorophenyl-phenylether
Concen: 39.691 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

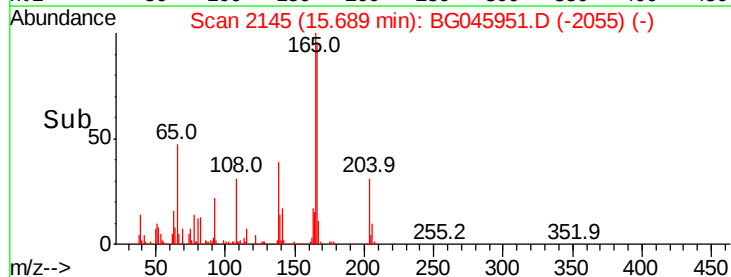
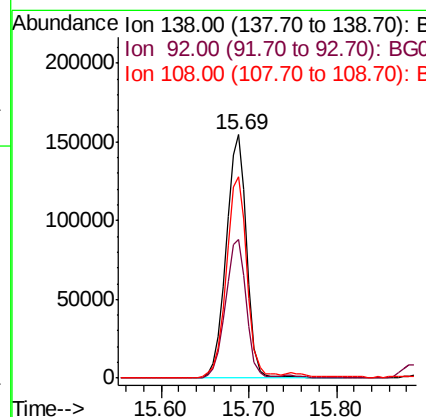
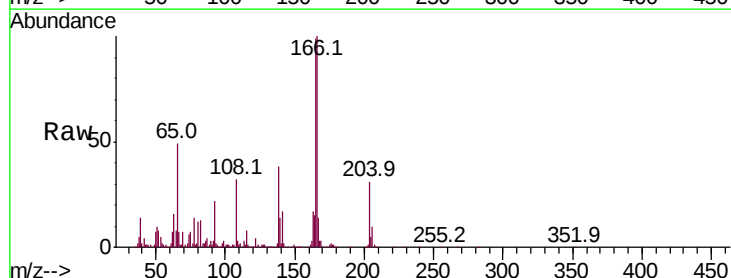
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

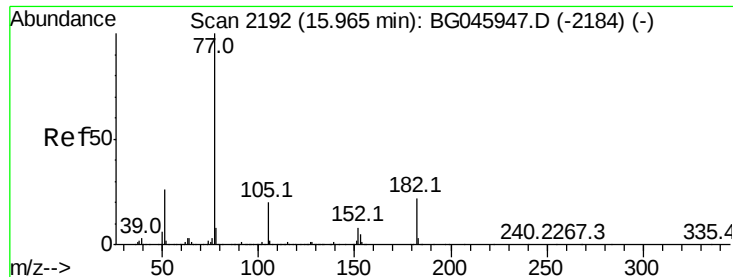
Tot Ion:204 Resp: 488096
Ion Ratio Lower Upper
204 100
206 35.3 27.1 40.7
141 62.4 49.8 74.8



#62
4-Nitroaniline
Concen: 47.440 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:138 Resp: 250412
Ion Ratio Lower Upper
138 100
92 56.9 40.3 80.3
108 82.9 68.0 108.0

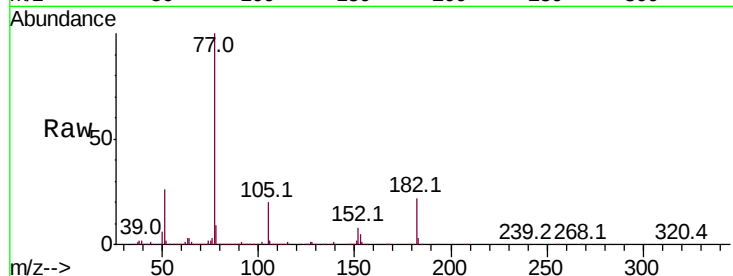




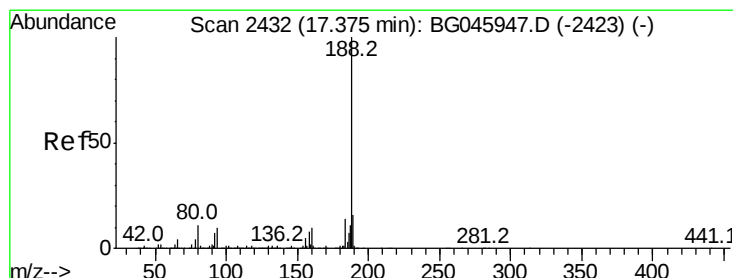
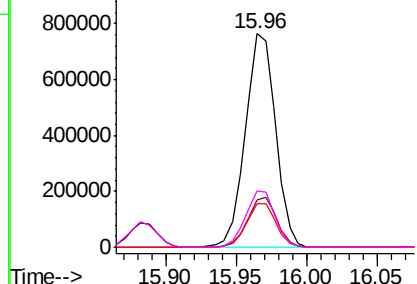
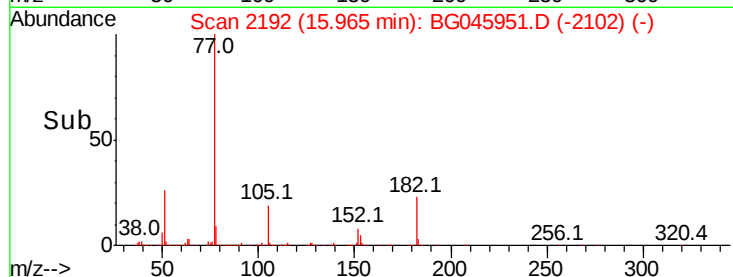
#63
Azobenzene
Concen: 39.851 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion: 77 Resp: 1145595
Ion Ratio Lower Upper
77 100
182 22.5 2.4 42.4
105 20.1 0.3 40.3
51 26.2 6.3 46.3

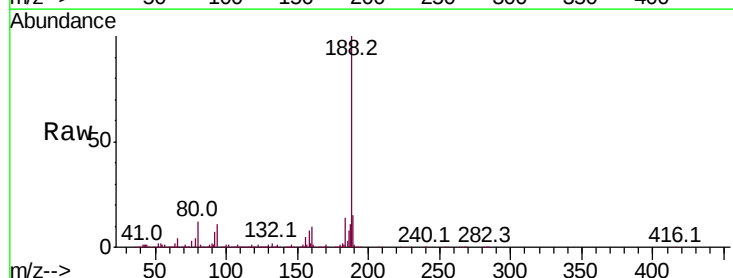


Abundance Ion 77.00 (76.70 to 77.70): BGC
1200000 Ion 182.00 (181.70 to 182.70): BGC
1000000 Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

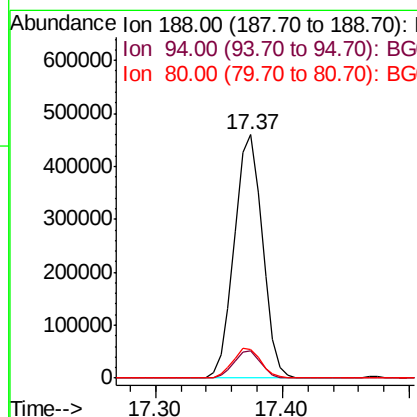
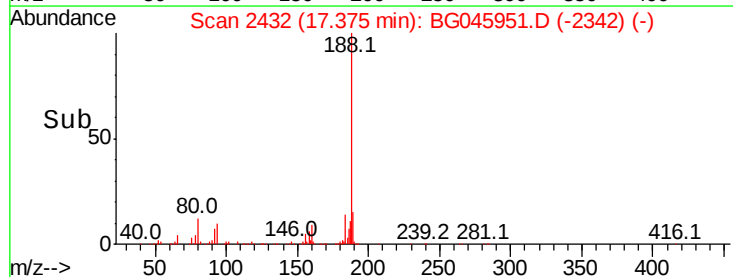


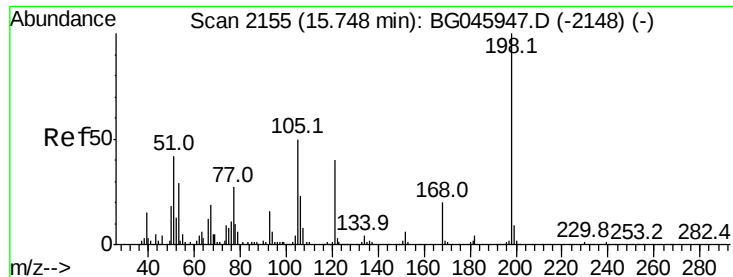
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion: 188 Resp: 703964
Ion Ratio Lower Upper
188 100
94 11.0 8.2 12.4
80 11.9 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BGC
600000 Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

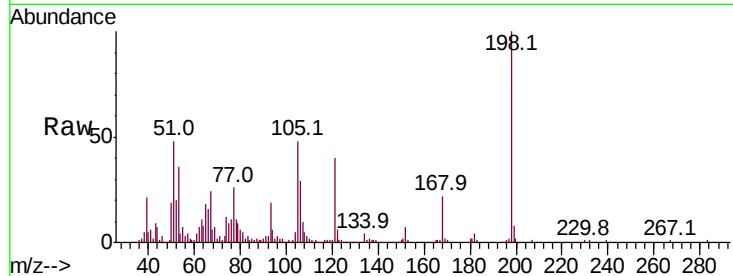




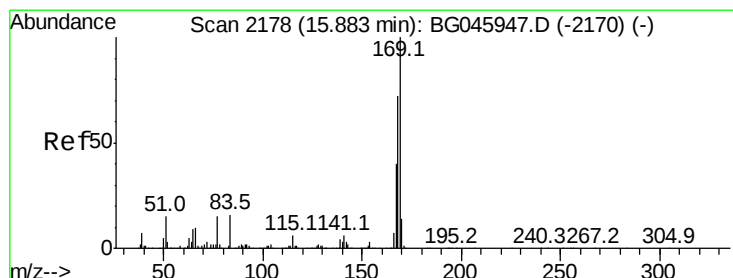
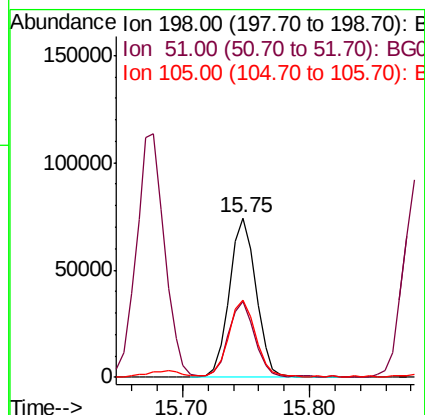
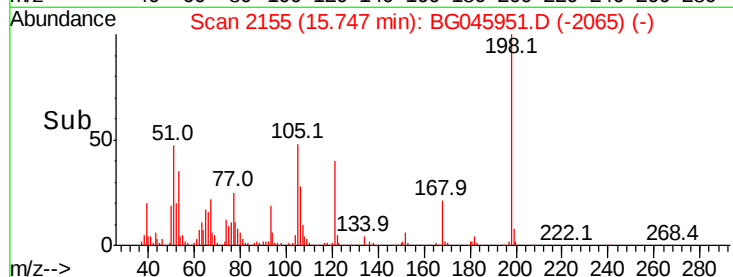
#65
4,6-Dinitro-2-methylphenol
Concen: 44.902 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:198 Resp: 107600
Ion Ratio Lower Upper
198 100
51 47.8 24.5 64.5
105 48.2 30.9 70.9

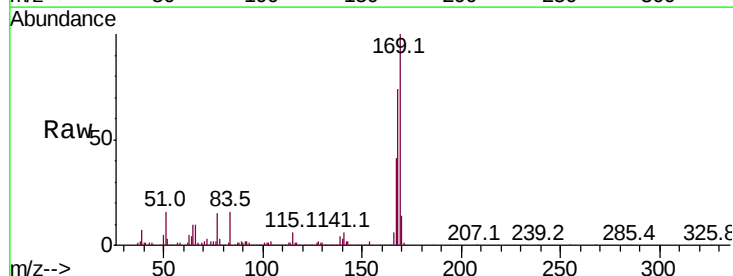


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

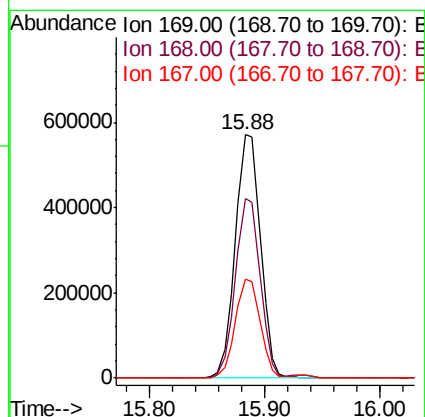
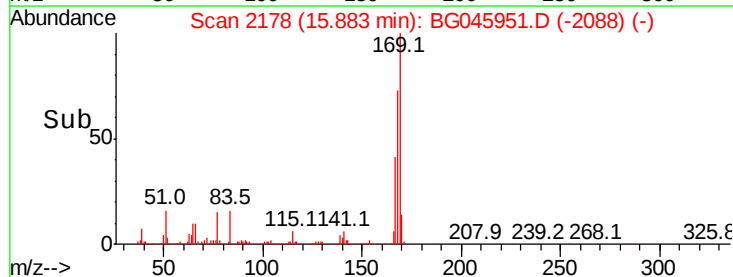


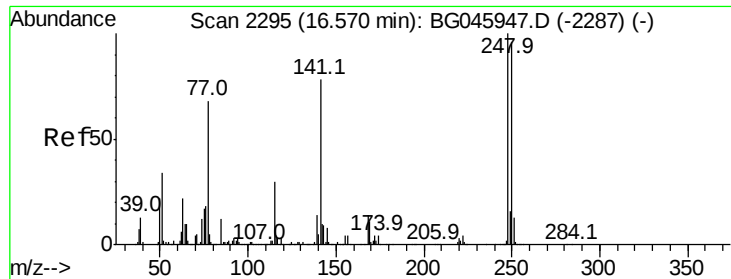
#66
n-Nitrosodiphenylamine
Concen: 39.672 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:169 Resp: 865436
Ion Ratio Lower Upper
169 100
168 73.5 57.3 85.9
167 40.7 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

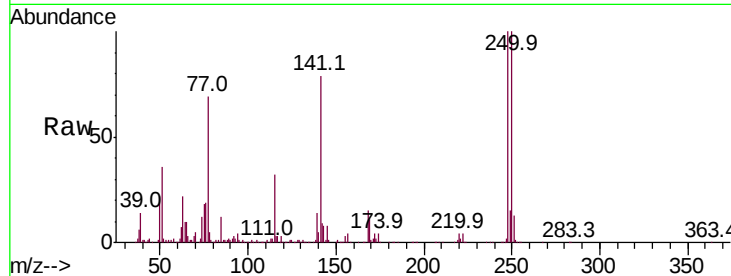




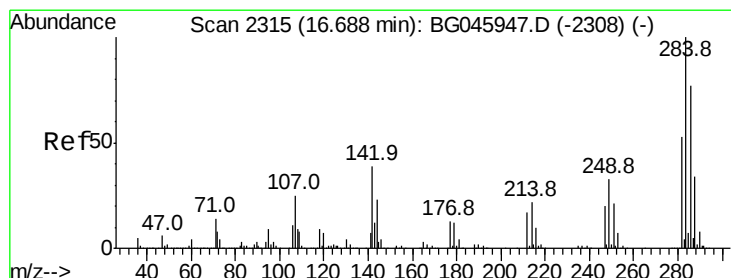
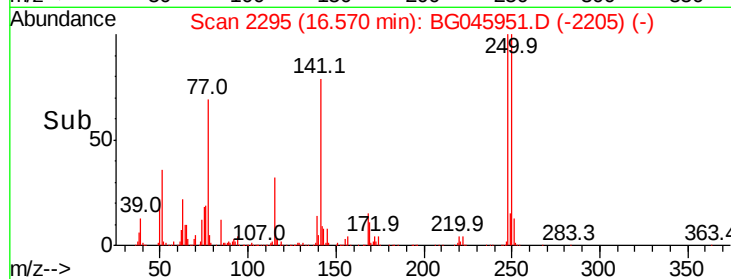
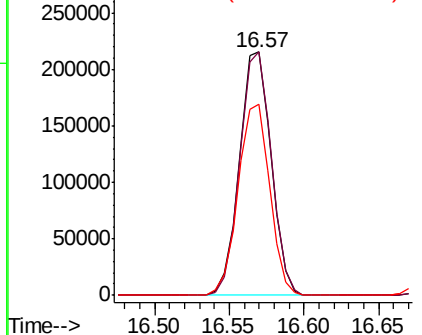
#67
4-Bromophenyl-phenylether
Concen: 40.398 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:248 Resp: 317618
Ion Ratio Lower Upper
248 100
250 99.9 76.6 114.8
141 78.7 62.7 94.1

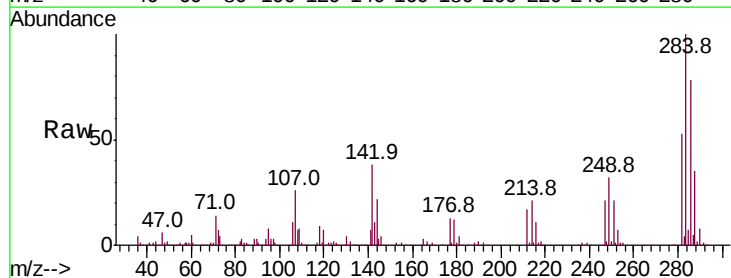


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

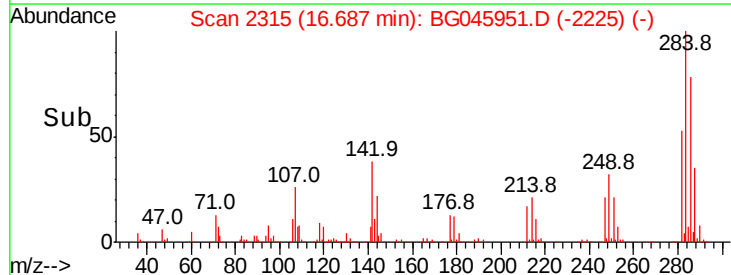
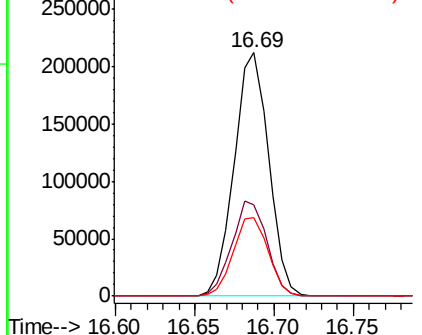


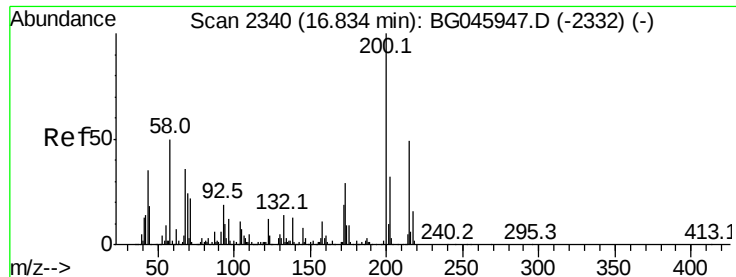
#68
Hexachlorobenzene
Concen: 40.555 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:284 Resp: 319961
Ion Ratio Lower Upper
284 100
142 37.5 31.3 46.9
249 32.3 26.8 40.2



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





#69

Atrazine

Concen: 40.849 ng

RT: 16.83 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

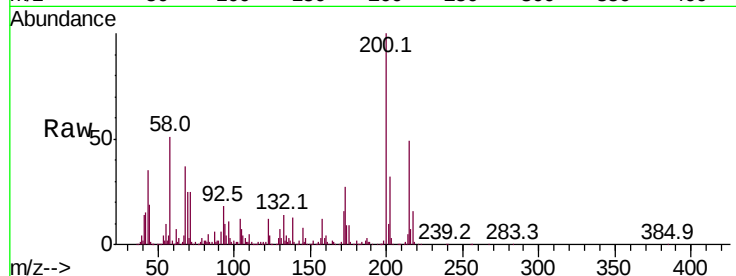
Tot Ion:200 Resp: 263466

Ion Ratio Lower Upper

200 100

173 27.0 9.1 49.1

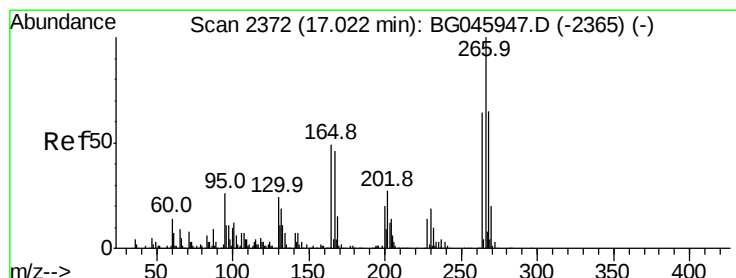
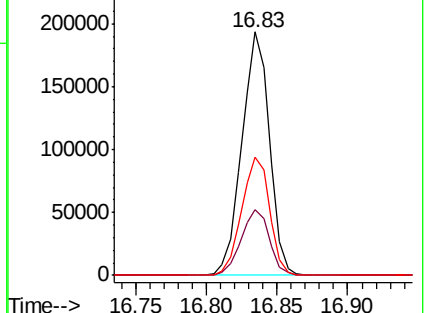
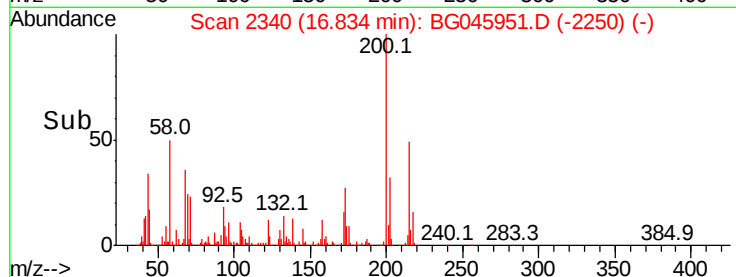
215 48.7 28.8 68.8



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: 46.303 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

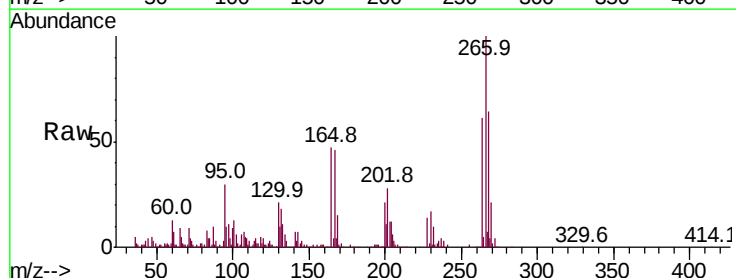
Tgt Ion:266 Resp: 203109

Ion Ratio Lower Upper

266 100

268 64.1 51.8 77.8

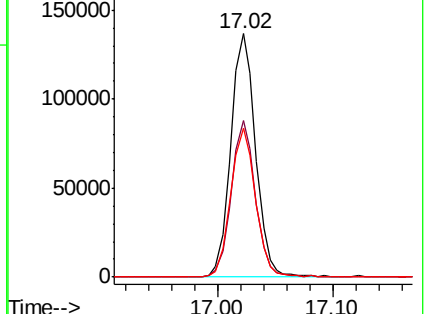
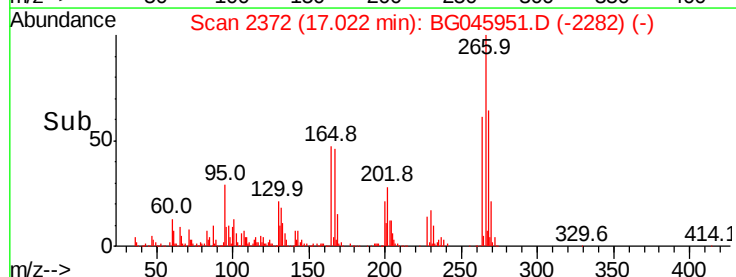
264 61.2 51.4 77.0

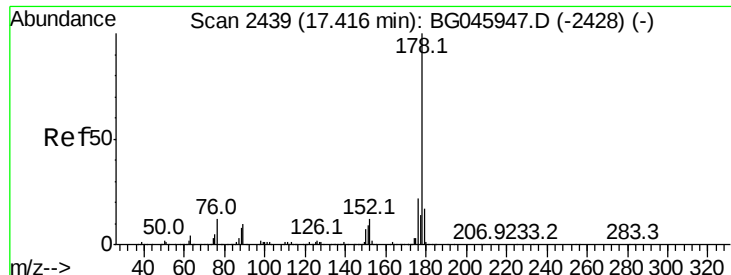


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

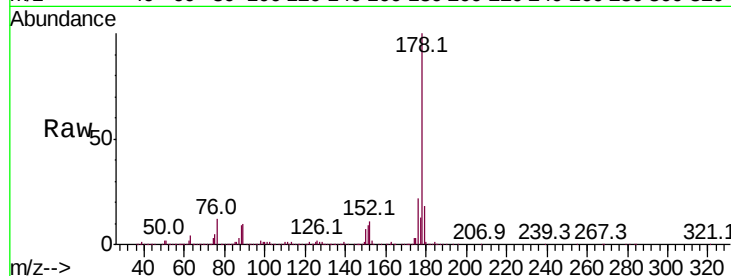




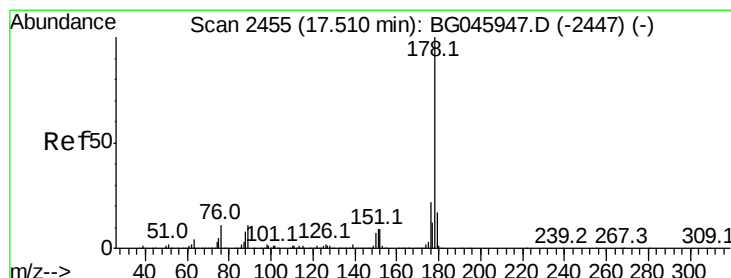
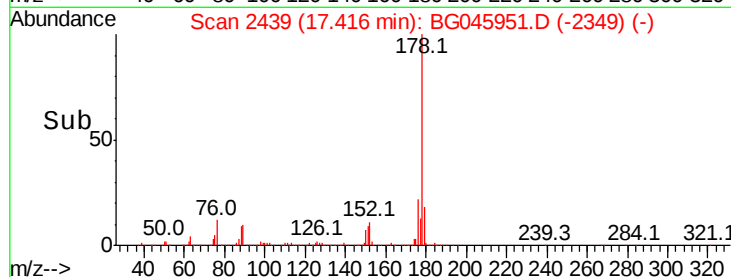
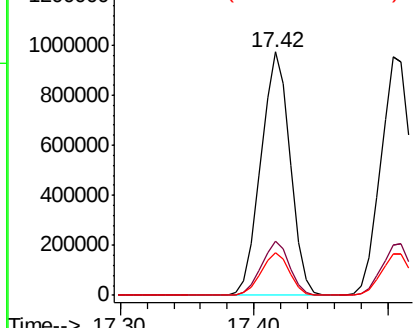
#71
Phenanthrene
Concen: 39.623 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:178 Resp: 1474632
Ion Ratio Lower Upper
178 100
176 22.0 17.4 26.2
179 17.6 13.4 20.2

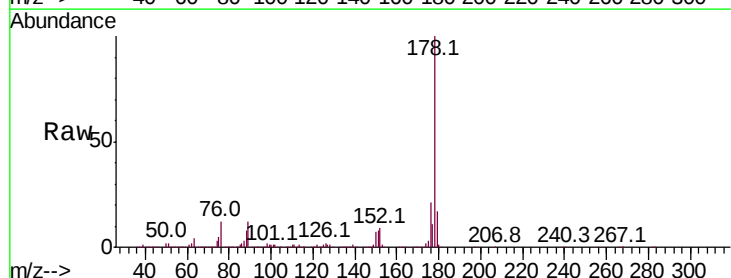


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

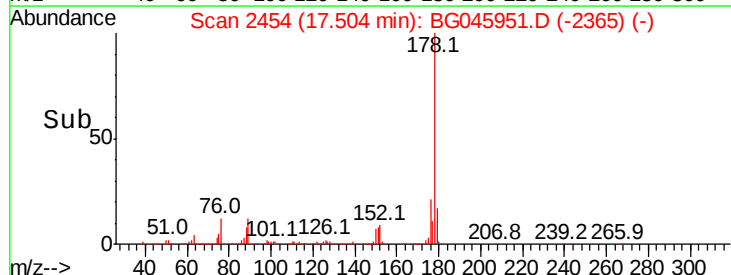
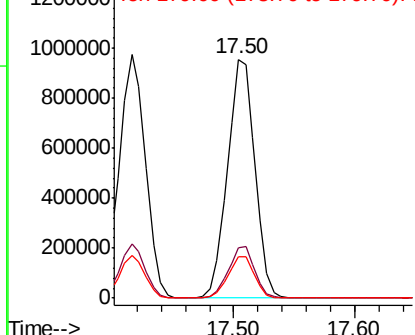


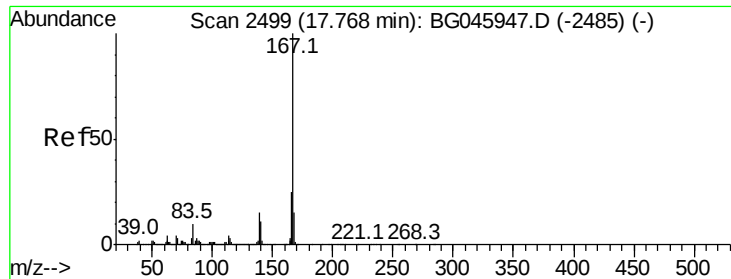
#72
Anthracene
Concen: 39.718 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:178 Resp: 1500111
Ion Ratio Lower Upper
178 100
176 21.3 17.2 25.8
179 17.4 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



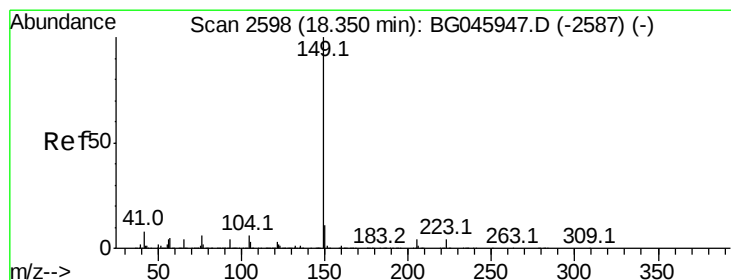
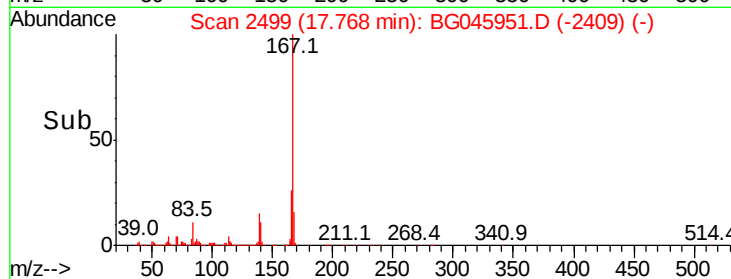
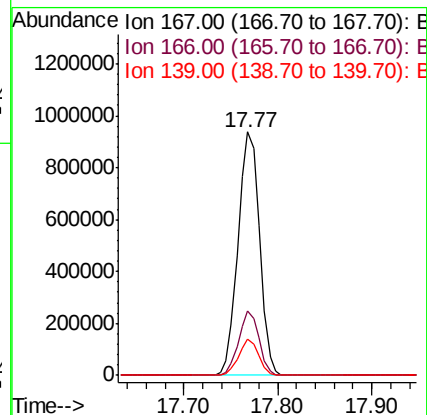
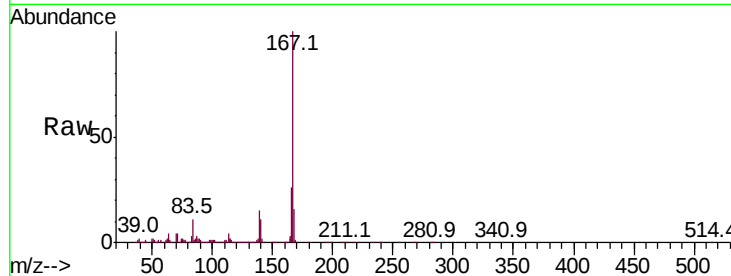


#73
 Carbazole
 Concen: 39.494 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Tot Ion:167 Resp: 1495160

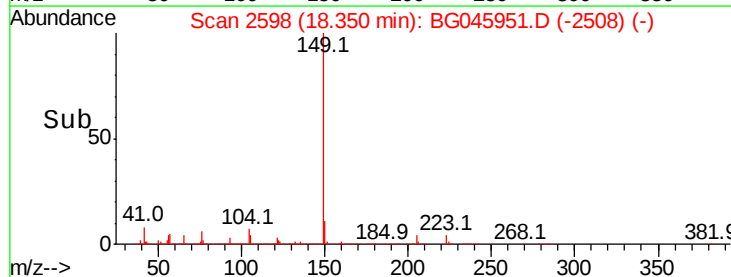
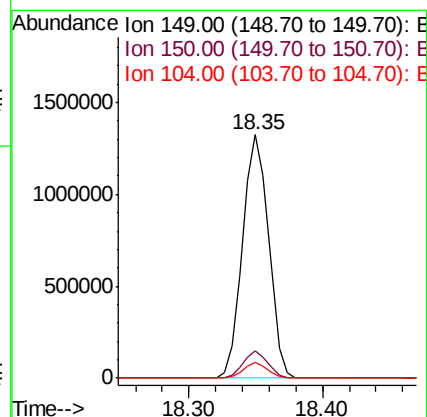
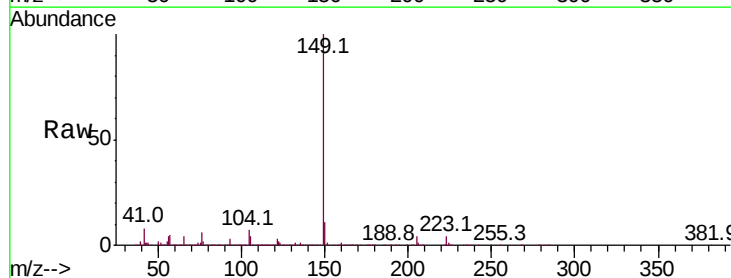
Ion	Ratio	Lower	Upper
167	100		
166	26.2	20.4	30.6
139	14.7	11.8	17.8

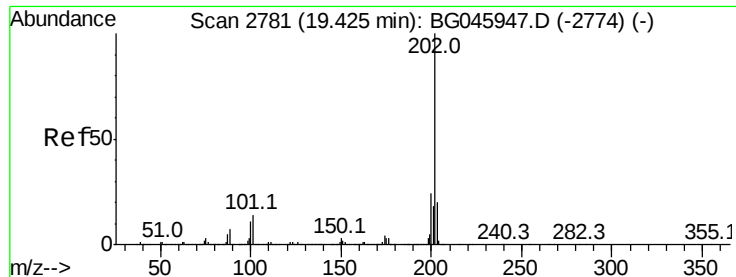


#74
 Di-n-butylphthalate
 Concen: 39.040 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion:149 Resp: 1785989

Ion	Ratio	Lower	Upper
149	100		
150	11.1	9.0	13.4
104	6.6	5.2	7.8





#75

Fluoranthene

Concen: 39.599 ng

RT: 19.42 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

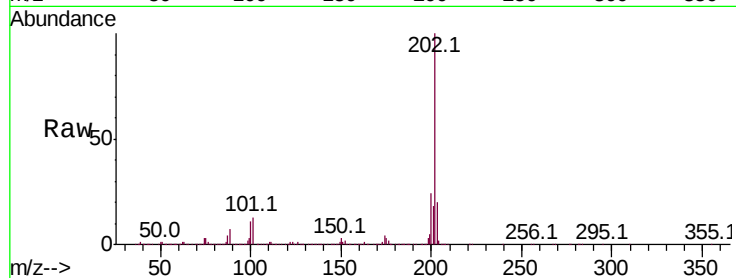
Tot Ion:202 Resp: 1703659

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.8
203	20.2	0.4	40.4

202 100

101 13.5 0.0 33.8

203 20.2 0.4 40.4

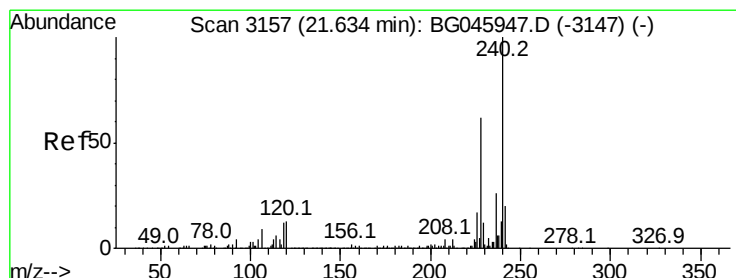
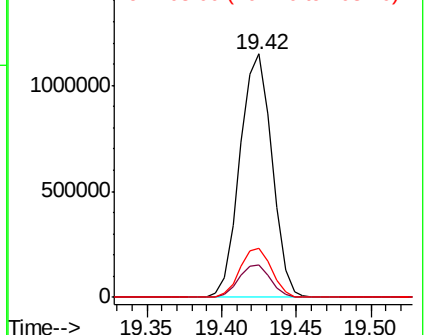
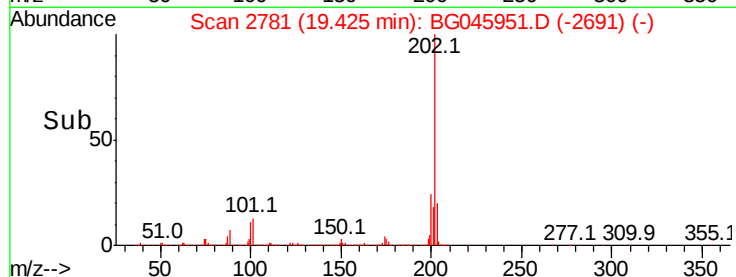


Abundance

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# 3157

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

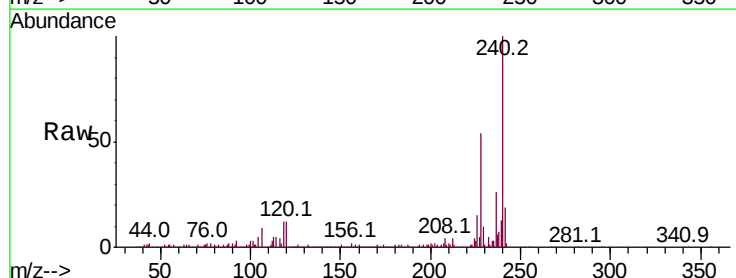
Tgt Ion:240 Resp: 630066

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.6	16.0
236	26.4	20.4	30.6

240 100

120 12.4 10.6 16.0

236 26.4 20.4 30.6

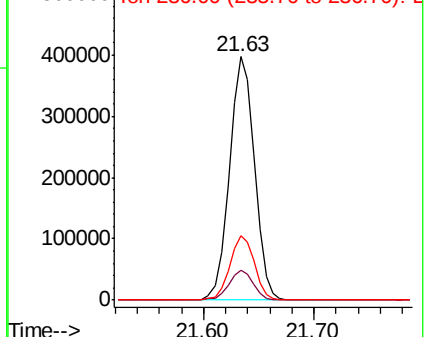
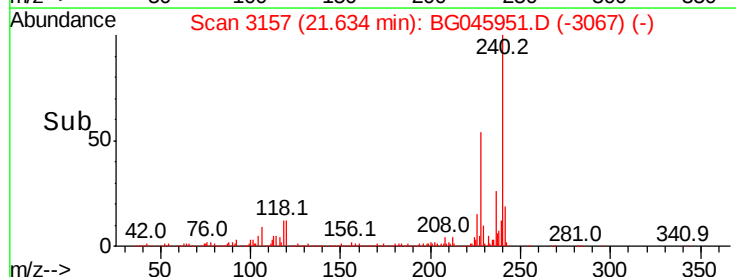


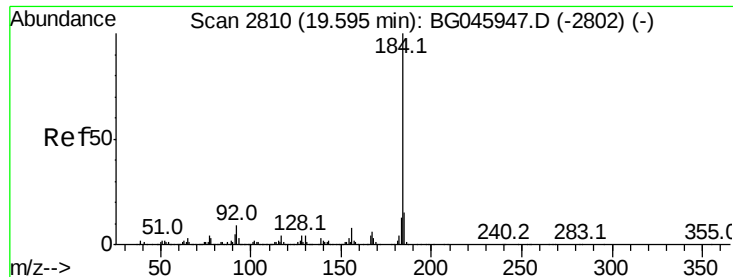
Abundance

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: 38.000 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

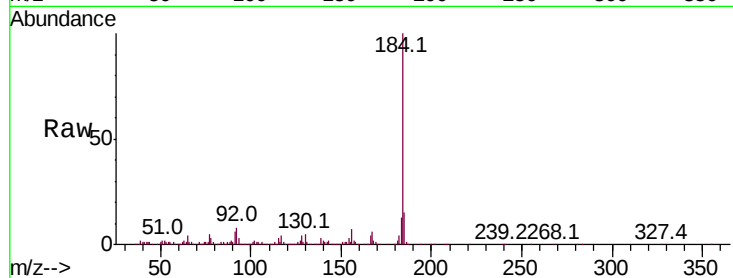
Tot Ion:184 Resp: 684572

Ion Ratio Lower Upper

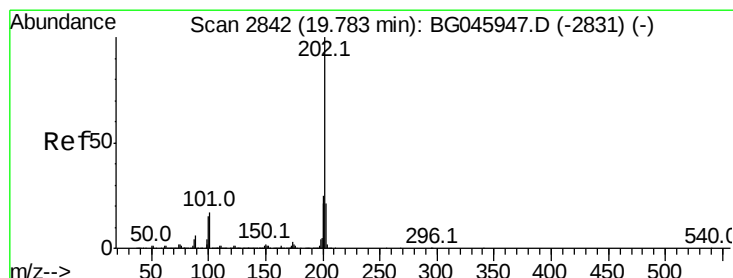
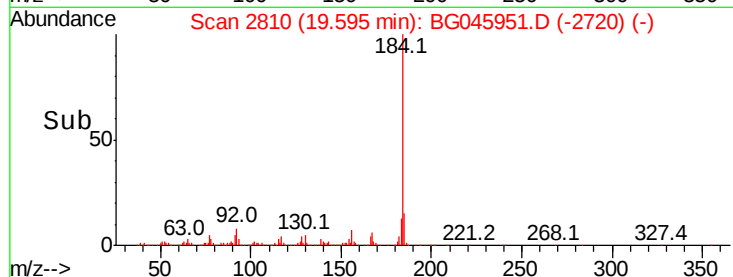
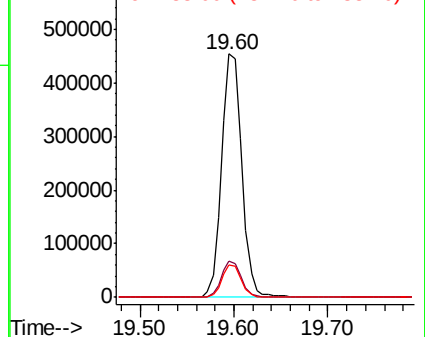
184 100

185 14.9 11.6 17.4

183 13.3 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



#78

Pyrene

Concen: 40.361 ng

RT: 19.78 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

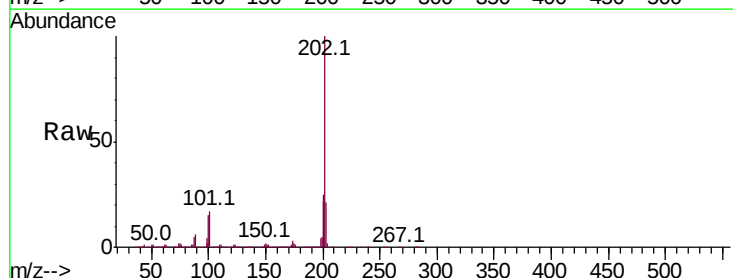
Tgt Ion:202 Resp: 1735869

Ion Ratio Lower Upper

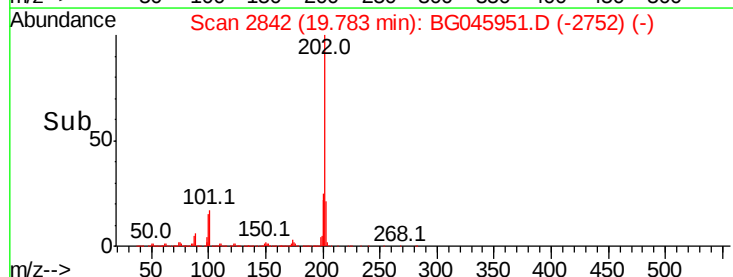
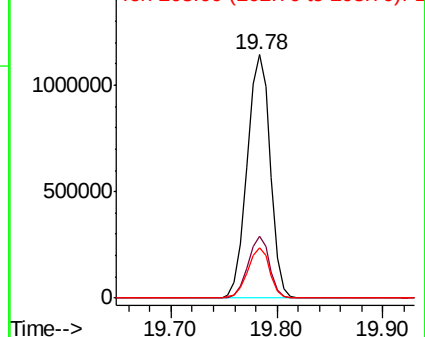
202 100

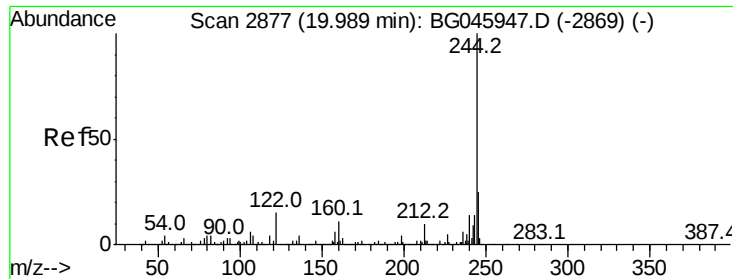
200 25.5 20.1 30.1

203 20.5 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





#79

Terphenyl-d14

Concen: 78.633 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

BNA_G

ClientSampleId :

ICVBG070620

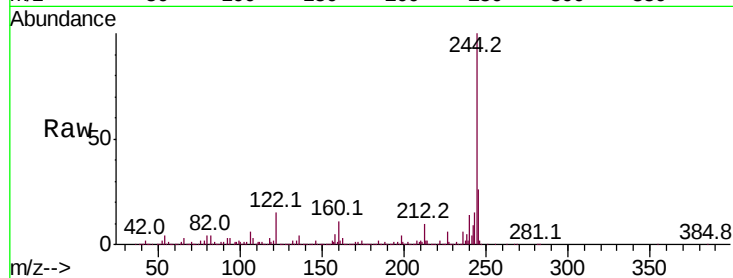
Tot Ion:244 Resp: 2226171

Ion Ratio Lower Upper

244 100

212 10.3 8.3 12.5

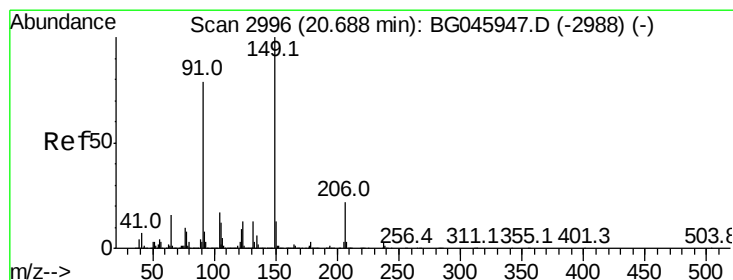
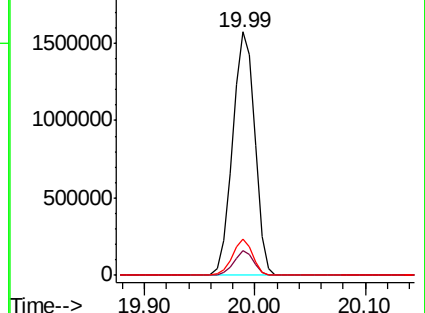
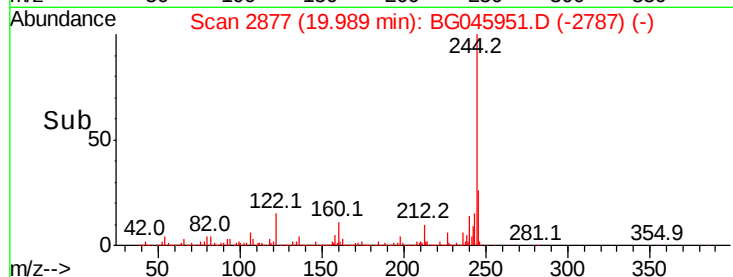
122 14.8 12.1 18.1



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: 41.501 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

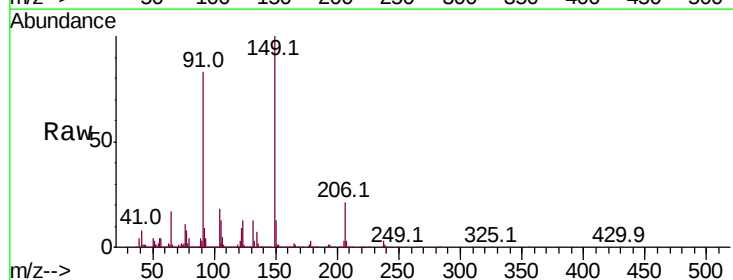
Tgt Ion:149 Resp: 843475

Ion Ratio Lower Upper

149 100

91 83.3 63.1 94.7

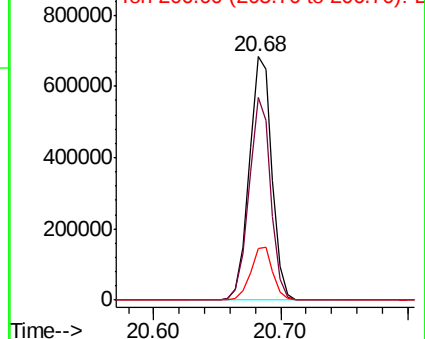
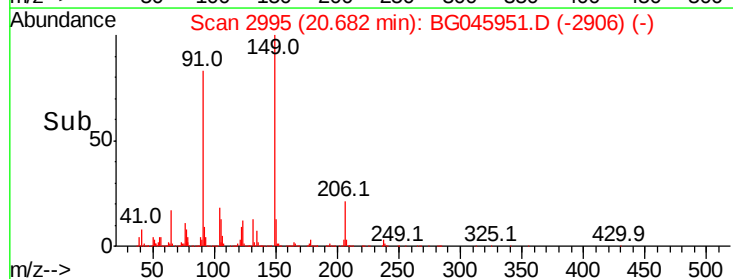
206 21.0 17.4 26.0

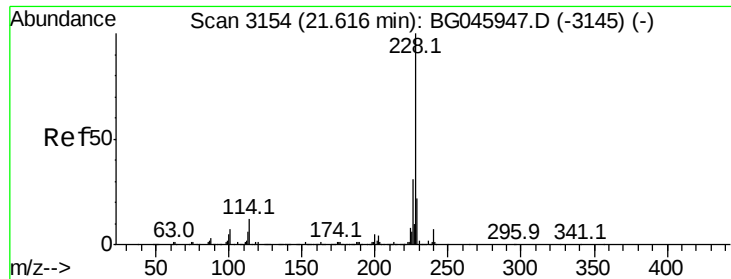


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.338 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

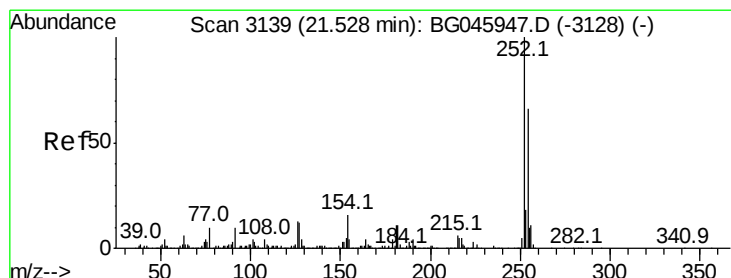
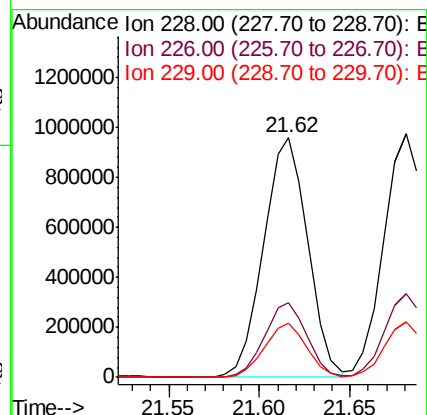
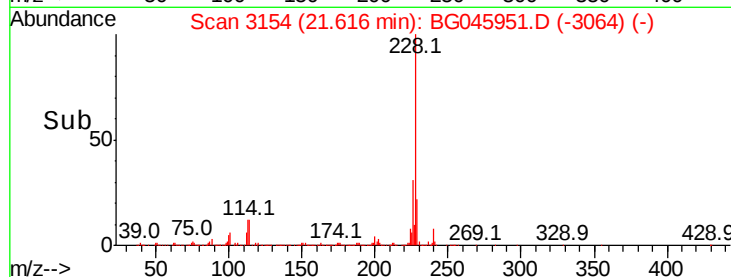
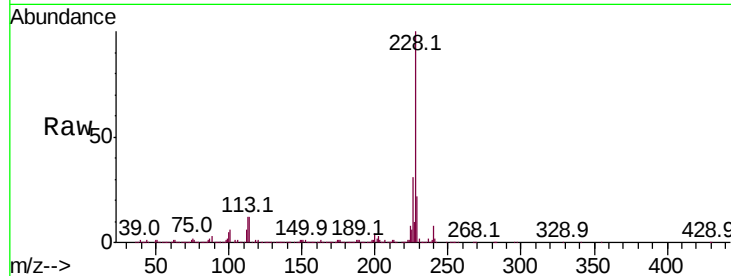
BNA_G

ClientSampleId :

ICVBG070620

Tot Ion:228 Resp: 1629724

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	22.4	17.8	26.8



#82

3,3'-Dichlorobenzidine

Concen: 40.205 ng

RT: 21.53 min Scan# 3139

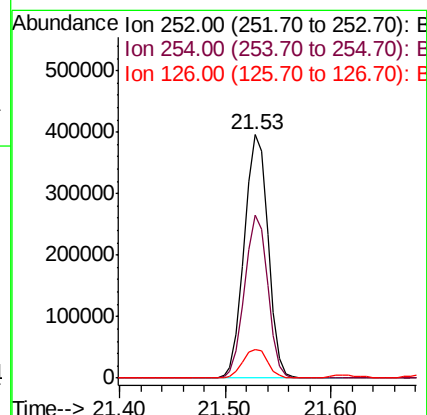
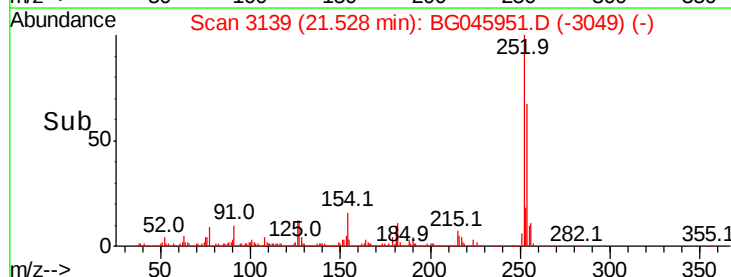
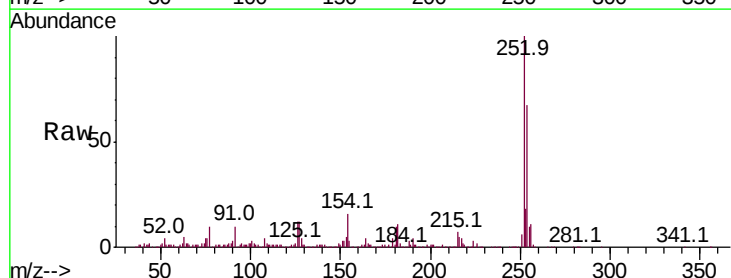
Delta R.T. -0.00 min

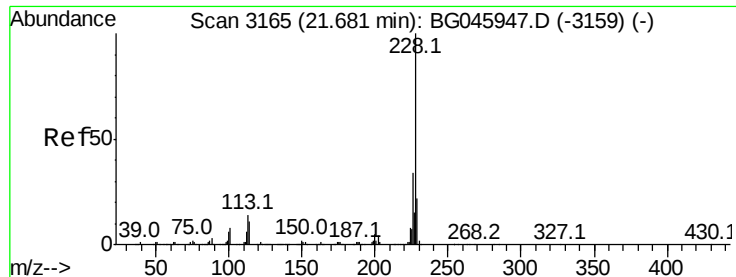
Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:252 Resp: 615482

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.9	79.3
126	11.8	10.4	15.6





#83

Chrysene

Concen: 39.495 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Instrument :

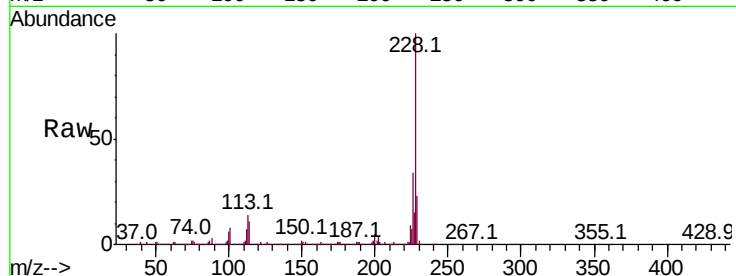
BNA_G

ClientSampleId :

ICVBG070620

Tot Ion:228 Resp: 1558786

Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.7	40.1
229	22.6	17.3	25.9

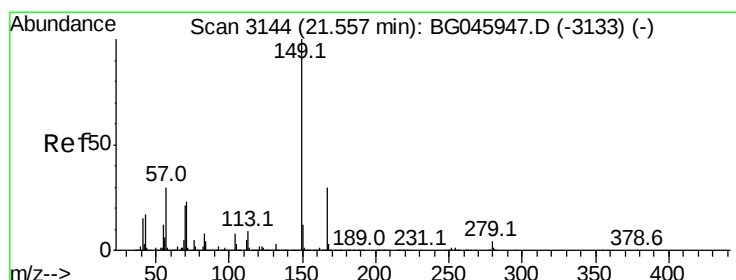
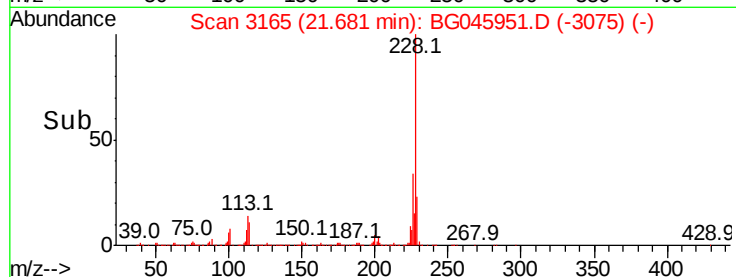
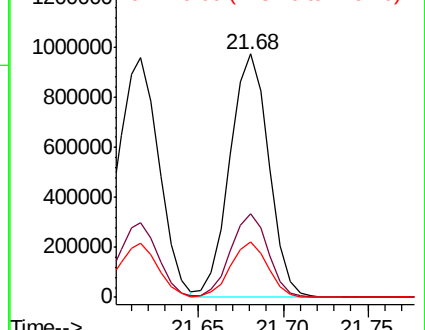


Abundance

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: 39.722 ng

RT: 21.56 min Scan# 3144

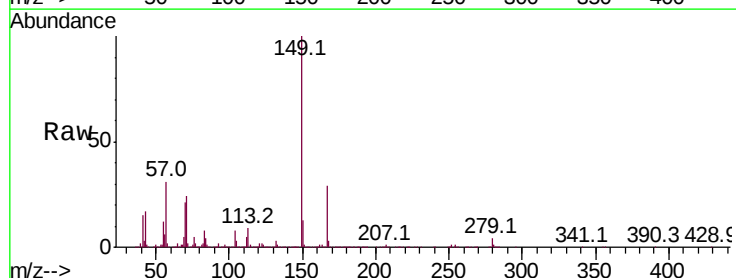
Delta R.T. -0.00 min

Lab File: BG045951.D

Acq: 6 Jul 2020 22:23

Tgt Ion:149 Resp: 1171871

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.8	35.8
279	4.2	3.5	5.3

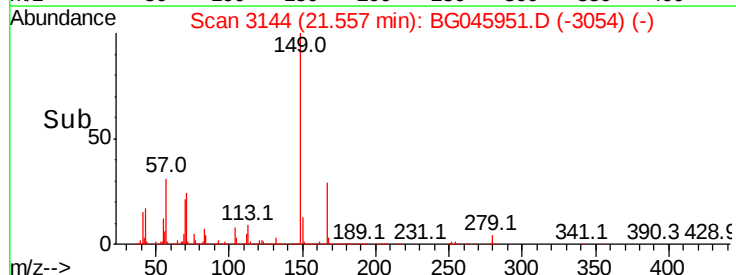
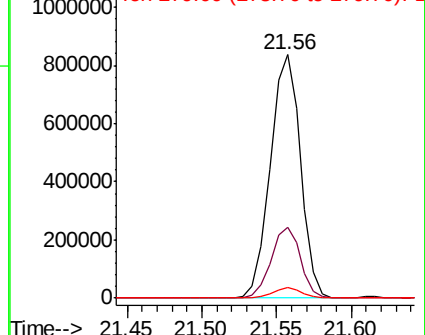


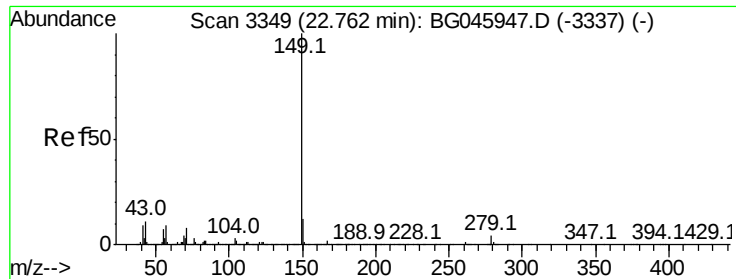
Abundance

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

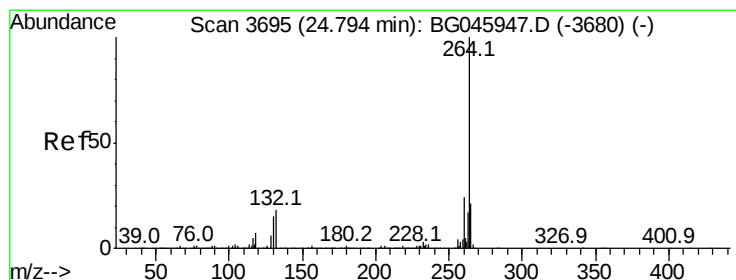
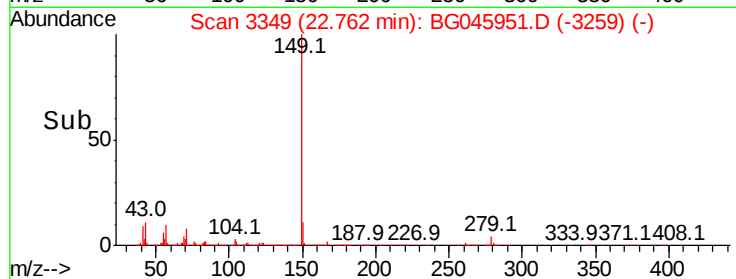
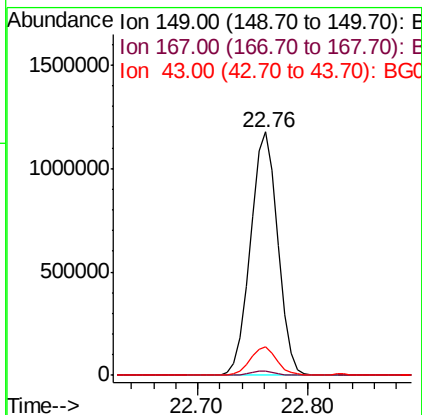
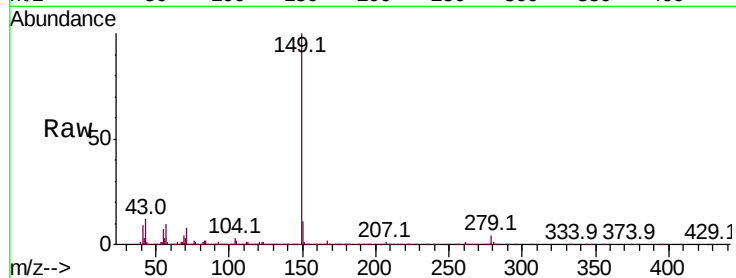




#85
Di-n-octyl phthalate
Concen: 39.836 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

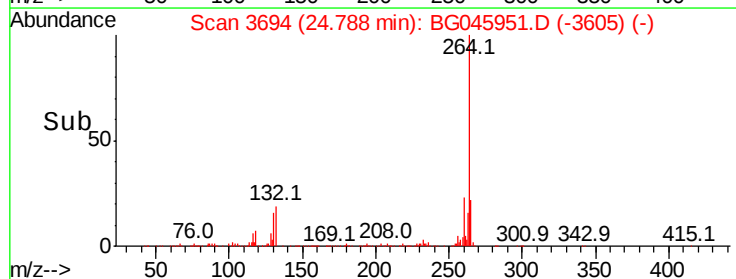
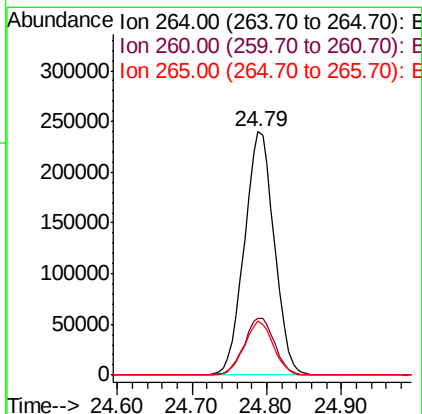
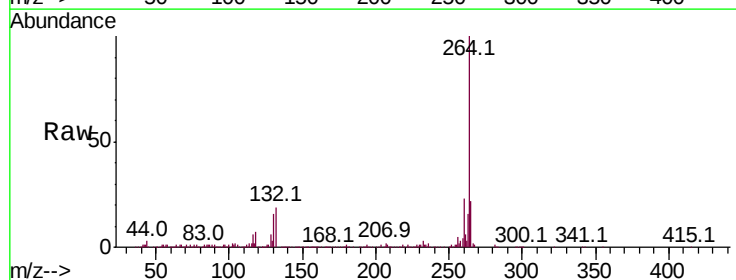
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

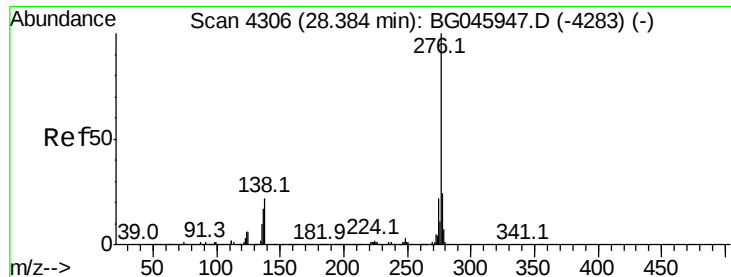
Tot Ion:149 Resp: 2039485
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.8 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:264 Resp: 665136
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 22.2 16.9 25.3



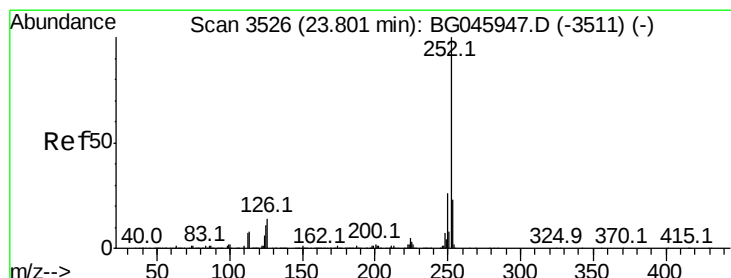
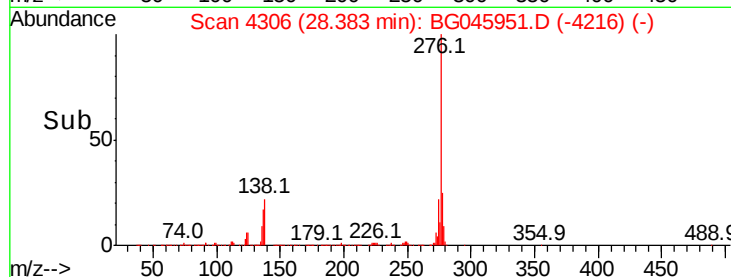
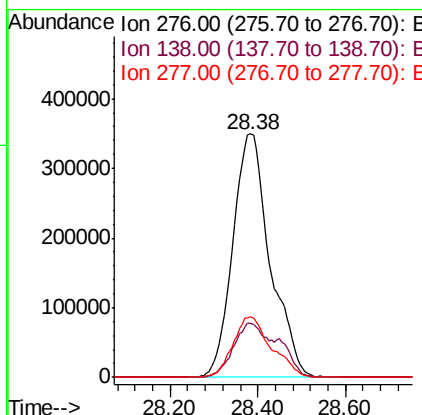
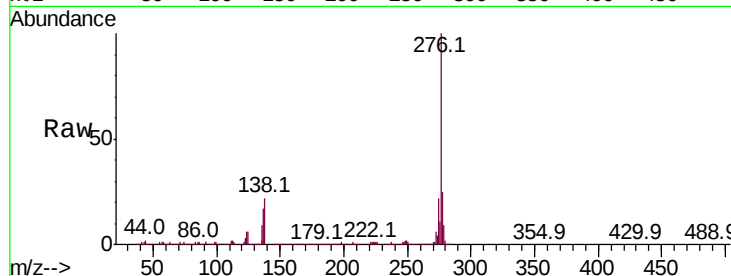


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.464 ng
 RT: 28.38 min Scan# 4306
 Delta R.T. -0.00 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG070620

Tot Ion:276 Resp: 2017607

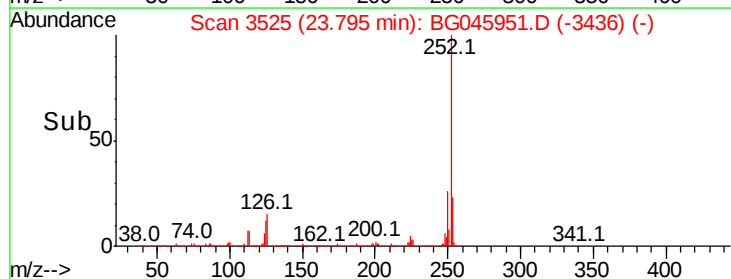
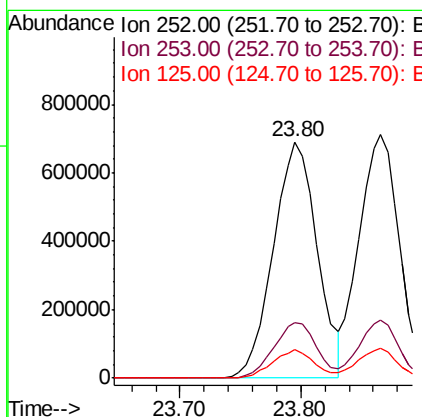
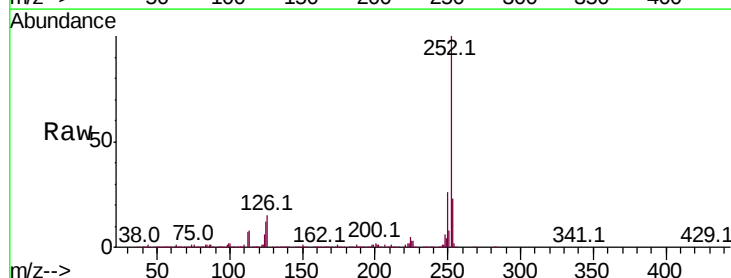
Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.4	24.6
277	25.7	20.6	31.0

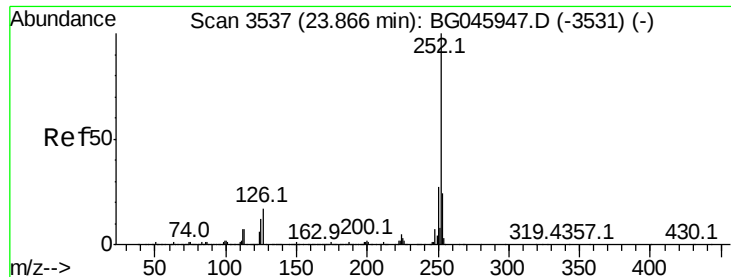


#88
 Benzo(b)fluoranthene
 Concen: 41.022 ng
 RT: 23.80 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BG045951.D
 Acq: 6 Jul 2020 22:23

Tgt Ion:252 Resp: 1732089

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	12.0	9.2	13.8

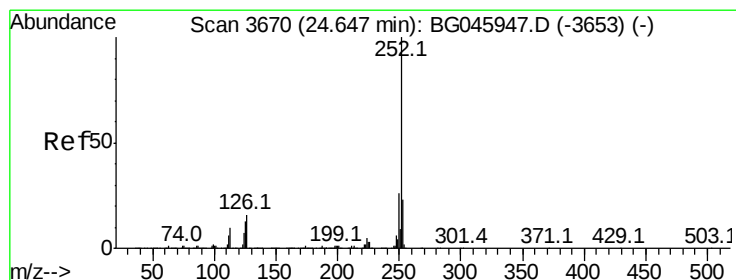
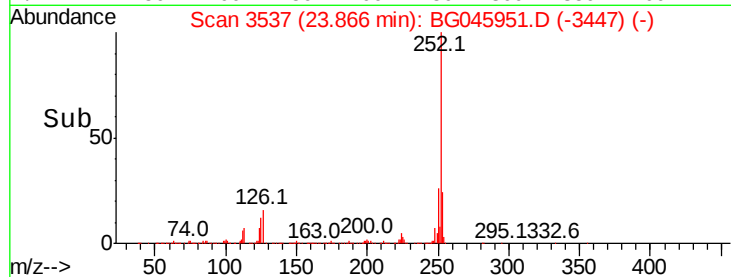
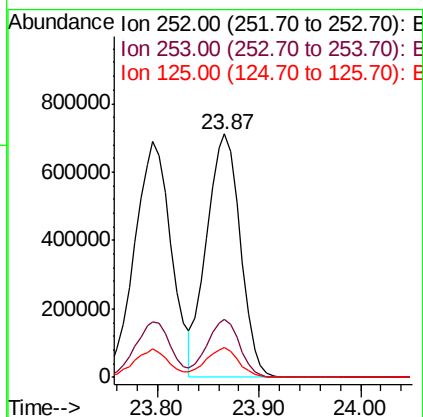
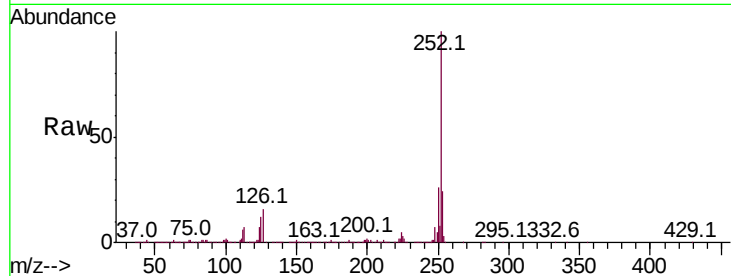




#89
Benzo(k)fluoranthene
Concen: 40.863 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

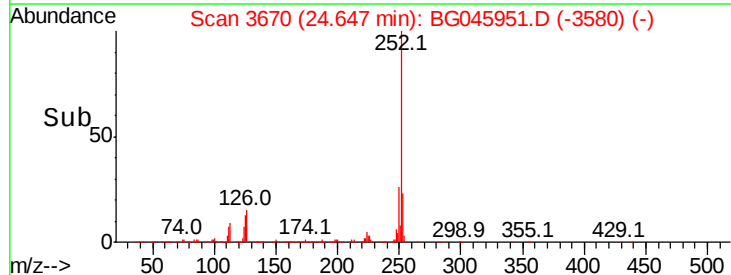
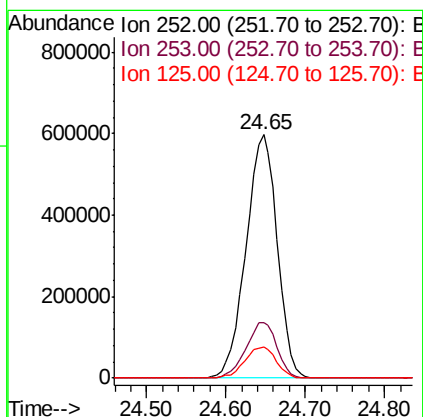
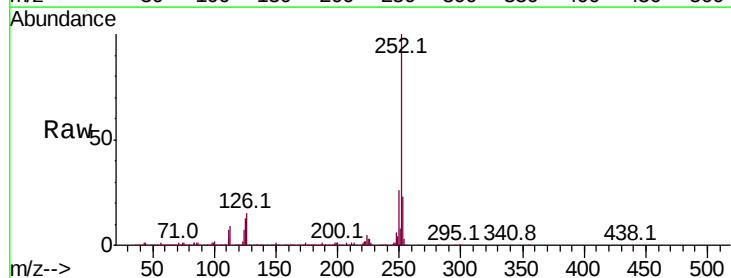
Instrument :
BNA_G
ClientSampleId :
ICVBG070620

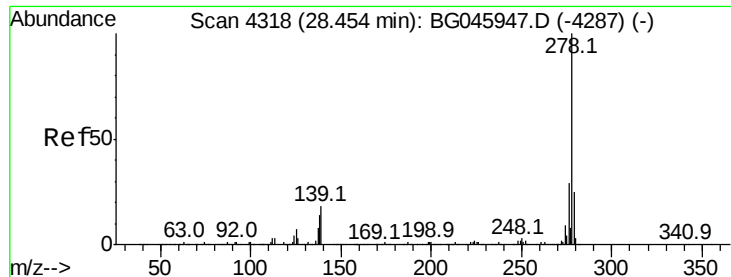
Tot Ion:252 Resp: 1631456
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 12.0 9.6 14.4



#90
Benzo(a)pyrene
Concen: 41.089 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:252 Resp: 1631396
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 12.8 10.5 15.7



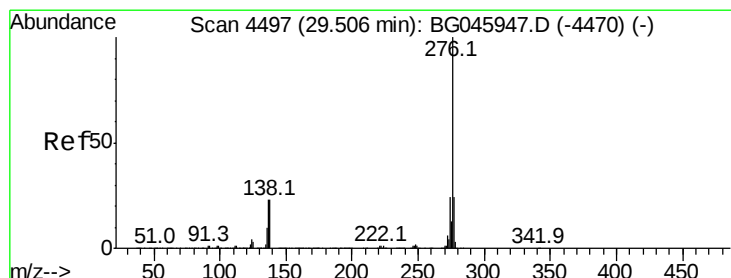
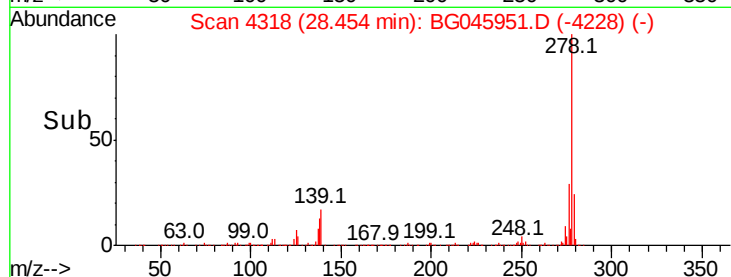
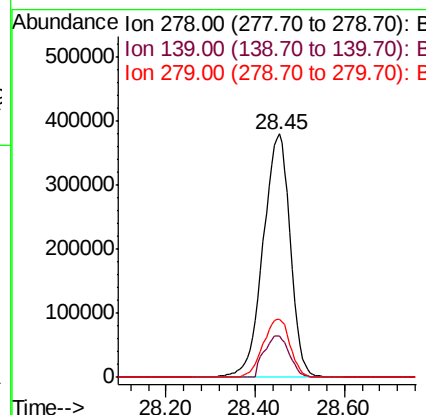
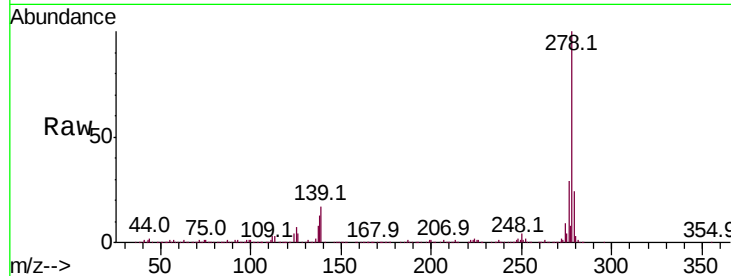


#91
Dibenzo(a,h)anthracene
Concen: 40.791 ng
RT: 28.45 min Scan# 4318
Delta R.T. -0.00 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Tot Ion:278 Resp: 1600925

Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.3	21.5
279	24.0	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 40.802 ng
RT: 29.49 min Scan# 4495
Delta R.T. -0.01 min
Lab File: BG045951.D
Acq: 6 Jul 2020 22:23

Tgt Ion:276 Resp: 1611514

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.4	29.0
138	23.5	18.6	28.0

