

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080420\
 Data File : BG046163.D
 Acq On : 4 Aug 2020 9:20
 Operator : CG/JU
 Sample : PB130683BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 04 10:48:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	92580	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	374604	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	247858	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	566248	20.00	ng	0.00
76) Chrysene-d12	21.57	240	585409	20.00	ng	0.00
86) Perylene-d12	24.67	264	638743	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	599172	112.51	ng	0.00
7) Phenol-d6	7.12	99	775872	106.90	ng	0.00
23) Nitrobenzene-d5	9.11	82	517235	74.76	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	398113	104.57	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1224179	71.75	ng	0.00
79) Terphenyl-d14	19.94	244	1860610	64.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	73706	30.406	ng	96
3) Pyridine	3.84	79	179317	26.872	ng	99
4) n-Nitrosodimethylamine	3.75	42	111435	39.236	ng	99
6) Aniline	7.27	93	301843	34.936	ng	96
8) 2-Chlorophenol	7.52	128	251947	42.802	ng	98
9) Benzaldehyde	7.09	77	175622	40.776	ng	97
10) Phenol	7.15	94	316104	43.346	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	233188	40.200	ng	99
12) 1,3-Dichlorobenzene	7.84	146	276618	38.770	ng	99
13) 1,4-Dichlorobenzene	7.99	146	275718	38.484	ng	99
14) 1,2-Dichlorobenzene	8.30	146	265797	39.337	ng	99
15) Benzyl Alcohol	8.19	79	225045	44.881	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	403235	42.401	ng	99
17) 2-Methylphenol	8.40	107	222139	45.120	ng	99
18) Hexachloroethane	9.04	117	95657	39.922	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	196066	41.506	ng	96
20) 3+4-Methylphenols	8.72	107	303593	45.052	ng	99
22) Acetophenone	8.77	105	366162	38.087	ng	99
24) Nitrobenzene	9.15	77	276963	37.546	ng	98
25) Isophorone	9.67	82	528160	38.364	ng	99
26) 2-Nitrophenol	9.86	139	138630	41.466	ng	95
27) 2,4-Dimethylphenol	9.92	122	240346	44.187	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	324135	43.300	ng	99
29) 2,4-Dichlorophenol	10.39	162	263663	41.208	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	277639	37.041	ng	97
31) Naphthalene	10.80	128	746176	37.646	ng	99
32) Benzoic acid	10.07	122	146776	38.919	ng	96
33) 4-Chloroaniline	10.90	127	198044	24.451	ng	99
34) Hexachlorobutadiene	11.09	225	177551	35.584	ng	97
35) Caprolactam	11.72	113	42600	20.342	ng	90
36) 4-Chloro-3-methylphenol	12.03	107	267397	42.586	ng	99
37) 2-Methylnaphthalene	12.40	142	581025	38.096	ng	98
38) 1-Methylnaphthalene	12.62	142	553523	38.353	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	326595	36.571	ng	# 99

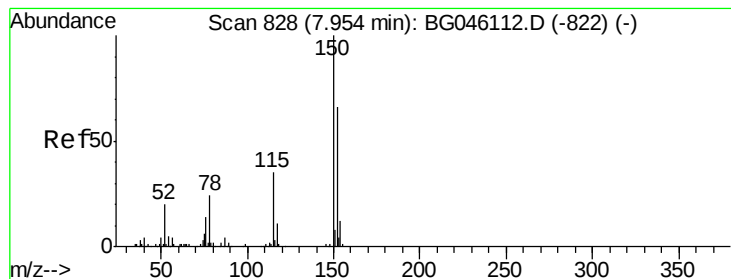
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080420\
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Quant Time: Aug 04 10:48:45 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	447365	87.335	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	226417	39.739	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	243791	39.216	ng	99
46) 1,1'-Biphenyl	13.41	154	751233	38.636	ng	100
47) 2-Chloronaphthalene	13.46	162	579439	37.360	ng	100
48) 2-Nitroaniline	13.65	65	178031	43.792	ng	98
49) Acenaphthylene	14.30	152	939958	39.029	ng	99
50) Dimethylphthalate	14.04	163	752938	39.579	ng	100
51) 2,6-Dinitrotoluene	14.14	165	172554	38.974	ng	99
52) Acenaphthene	14.64	154	591912	37.240	ng	98
53) 3-Nitroaniline	14.47	138	120394	27.429	ng	100
54) 2,4-Dinitrophenol	14.68	184	198711	71.651	ng	91
55) Dibenzofuran	14.98	168	898818	37.476	ng	98
56) 4-Nitrophenol	14.79	139	303809	79.724	ng	94
57) 2,4-Dinitrotoluene	14.93	165	242027	39.760	ng	99
58) Fluorene	15.62	166	736770	37.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	243190	41.532	ng	99
60) Diethylphthalate	15.40	149	747042	39.919	ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	398135	39.246	ng	99
62) 4-Nitroaniline	15.64	138	176967	40.089	ng	97
63) Azobenzene	15.91	77	679514	38.744	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	143096	38.211	ng	95
66) n-Nitrosodiphenylamine	15.84	169	668678	39.012	ng	99
67) 4-Bromophenyl-phenylether	16.51	248	276398	39.511	ng	99
68) Hexachlorobenzene	16.63	284	301662	38.457	ng	99
69) Atrazine	16.78	200	242378	36.723	ng	96
70) Pentachlorophenol	16.98	266	404275	79.431	ng	99
71) Phenanthrene	17.36	178	1192418	38.443	ng	100
72) Anthracene	17.45	178	1235473	40.044	ng	99
73) Carbazole	17.72	167	1135602	38.171	ng	100
74) Di-n-butylphthalate	18.29	149	1285760	41.346	ng	100
75) Fluoranthene	19.37	202	1502806	38.807	ng	99
77) Benzidine	19.55	184	702804	42.383	ng	99
78) Pyrene	19.73	202	1512974	38.465	ng	99
80) Butylbenzylphthalate	20.62	149	590370	41.434	ng	98
81) Benzo(a)anthracene	21.55	228	1493581	38.125	ng	100
82) 3,3'-Dichlorobenzidine	21.46	252	408905	25.135	ng	98
83) Chrysene	21.61	228	1427111	37.187	ng	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	843752	41.420	ng	100
85) Di-n-octyl phthalate	22.66	149	1462910	42.414	ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1926080	39.538	ng	# 95
88) Benzo(b)fluoranthene	23.70	252	1619973	37.847	ng	100
89) Benzo(k)fluoranthene	23.76	252	1609572	38.338	ng	99
90) Benzo(a)pyrene	24.53	252	1512002	37.962	ng	99
91) Dibenzo(a,h)anthracene	28.26	278	1570230	38.558	ng	99
92) Benzo(g,h,i)perylene	29.29	276	1605484	39.037	ng	99

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

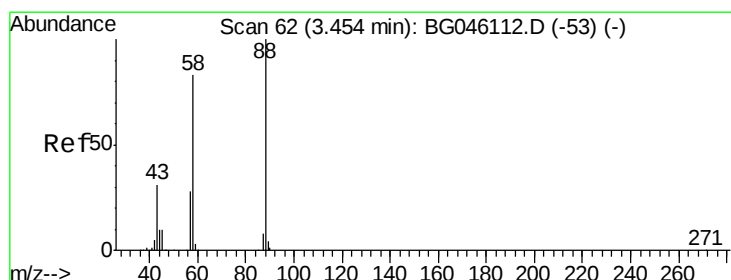
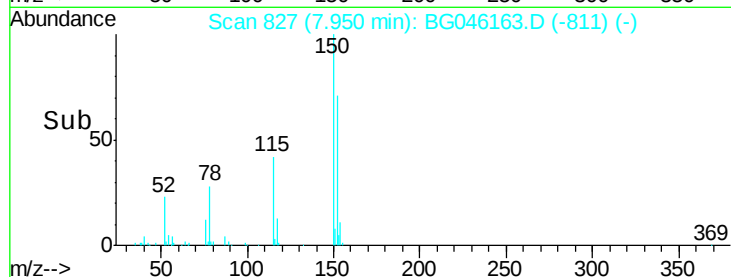
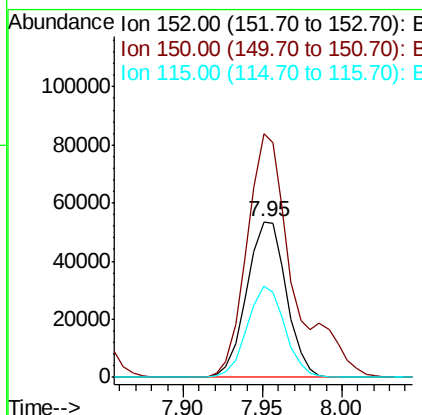
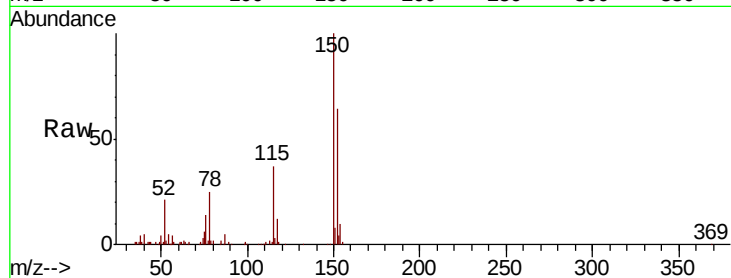


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampled :

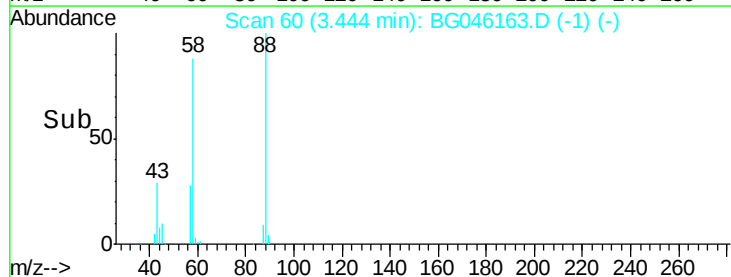
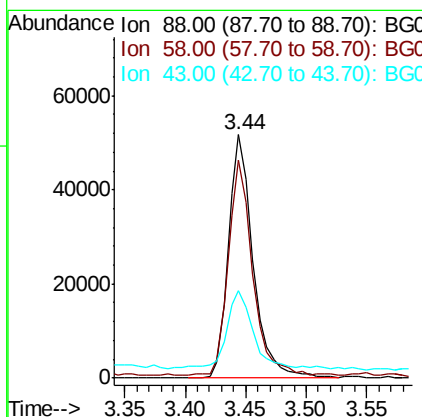
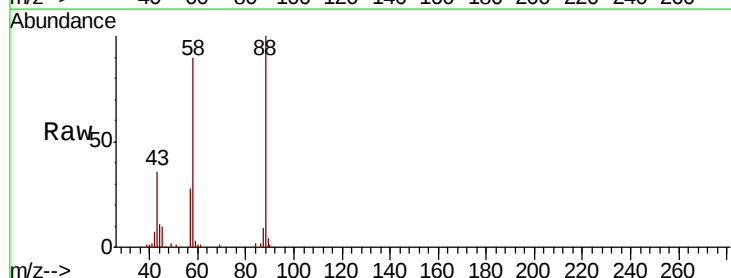
Tot Ion:152 Resp: 92580
Ion Ratio Lower Upper
152 100
150 156.7 122.1 183.1
115 58.4 43.2 64.8

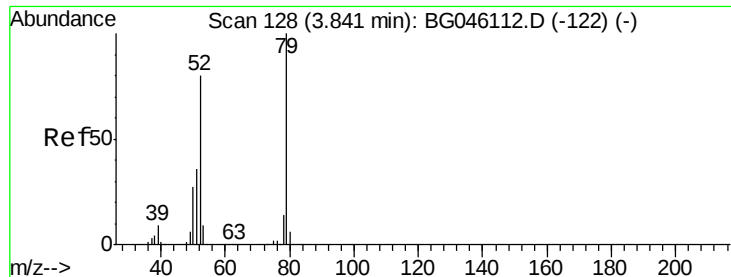


#2

1,4-Dioxane
Concen: 30.406 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion: 88 Resp: 73706
Ion Ratio Lower Upper
88 100
58 86.2 66.5 99.7
43 32.5 23.8 35.8





#3

Pvridine

Concen: 26.872 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

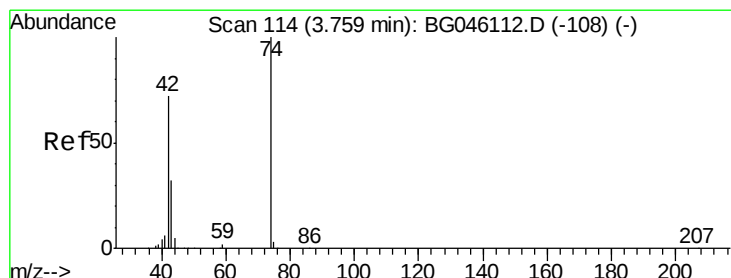
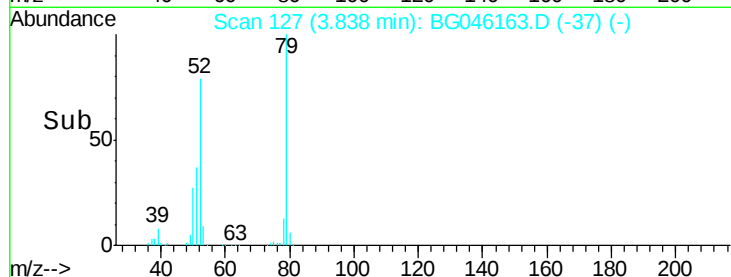
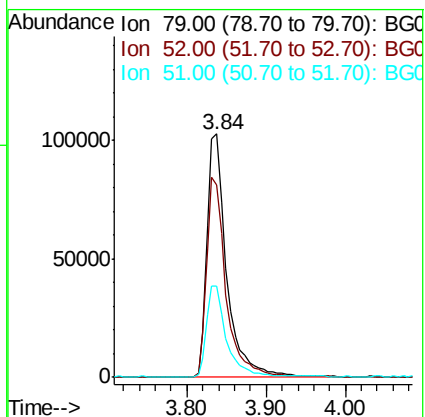
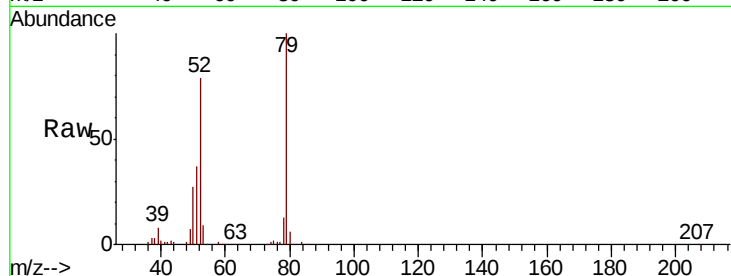
Tot Ion: 79 Resp: 179317

Ion Ratio Lower Upper

79 100

52 78.8 64.3 96.5

51 37.4 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 39.236 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

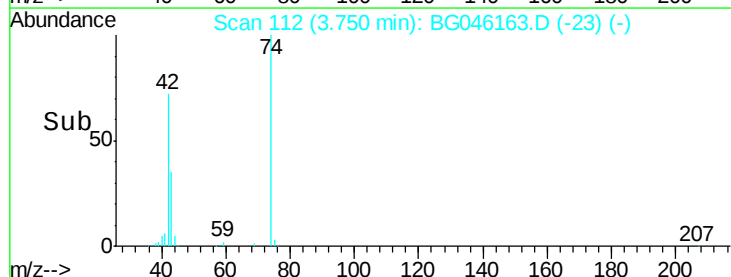
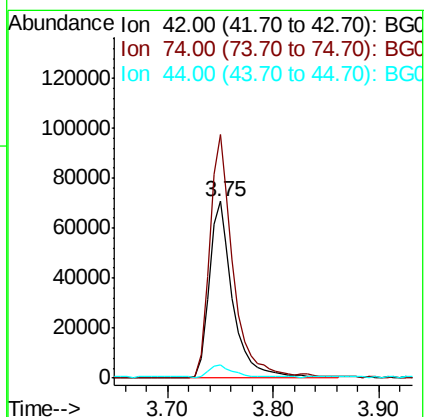
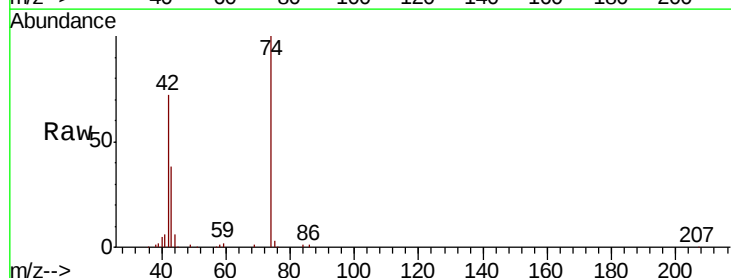
Tgt Ion: 42 Resp: 111435

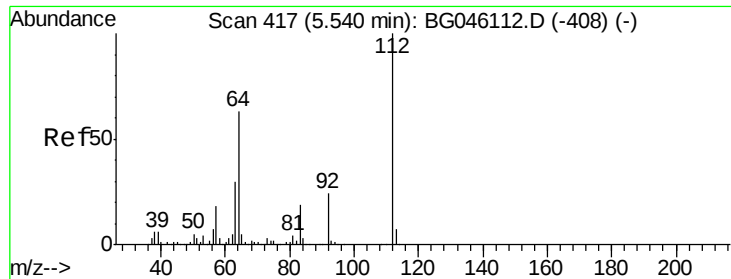
Ion Ratio Lower Upper

42 100

74 137.9 111.6 167.4

44 7.8 5.7 8.5





#5

2-Fluorophenol

Concen: 112.506 ng

RT: 5.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

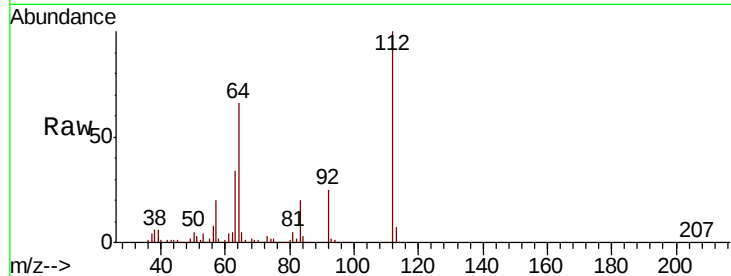
Tot Ion:112 Resp: 599172

Ion Ratio Lower Upper

112 100

64 65.5 50.2 75.2

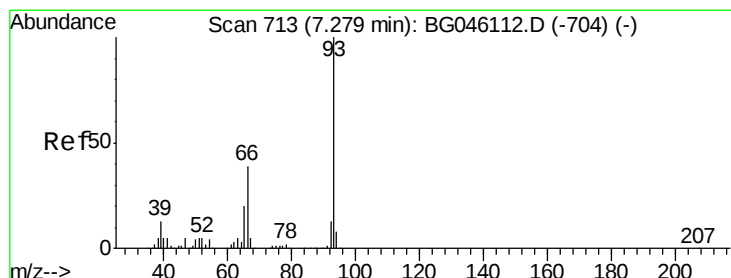
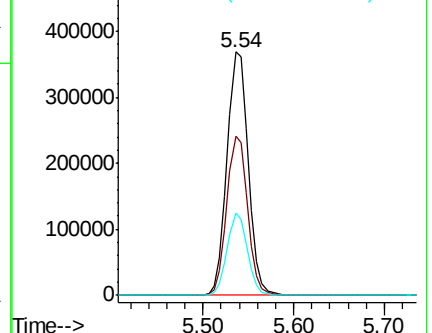
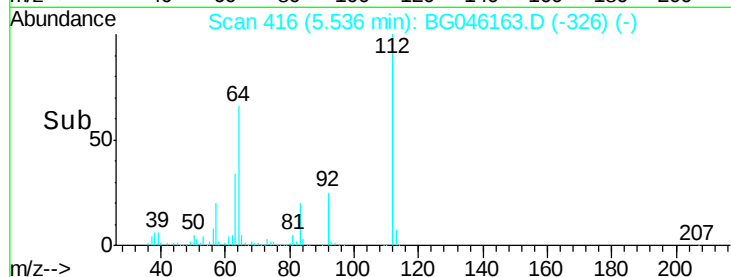
63 33.6 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.936 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

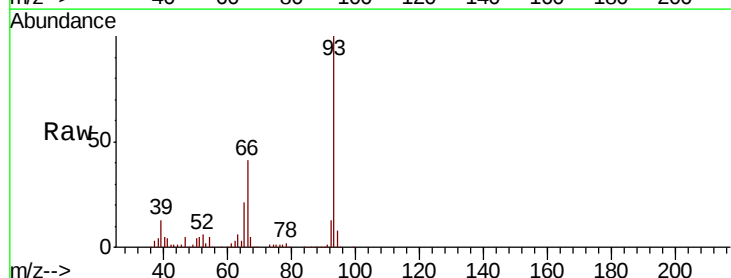
Tgt Ion: 93 Resp: 301843

Ion Ratio Lower Upper

93 100

66 41.0 31.0 46.4

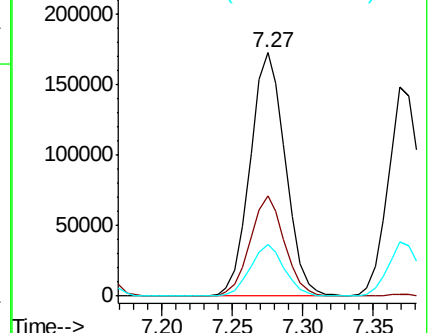
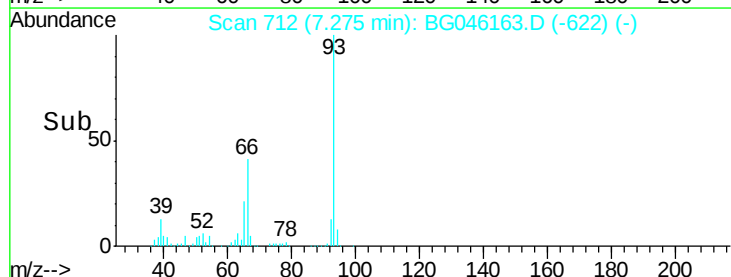
65 21.5 15.9 23.9

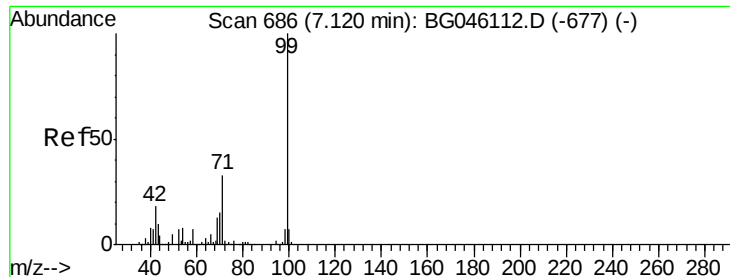


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.896 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampled :

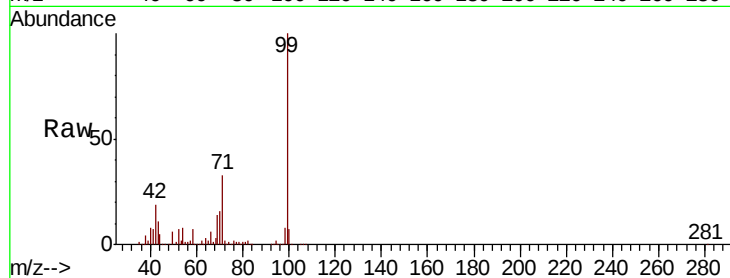
Tot Ion: 99 Resp: 775872

Ion Ratio Lower Upper

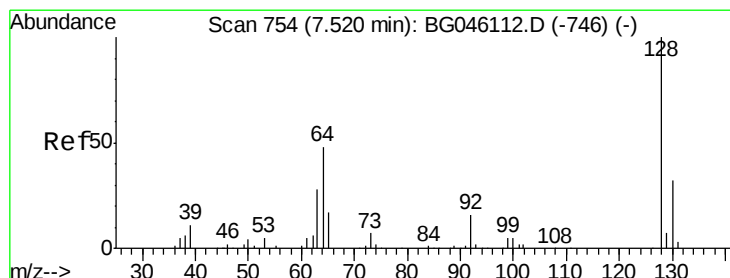
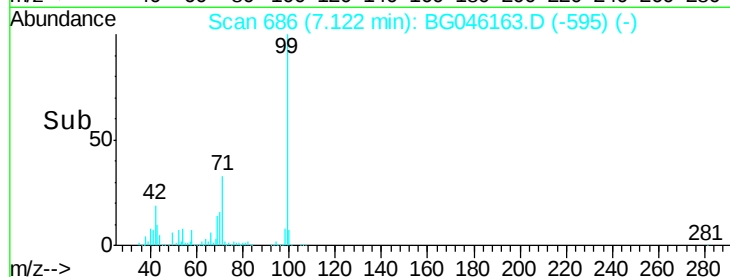
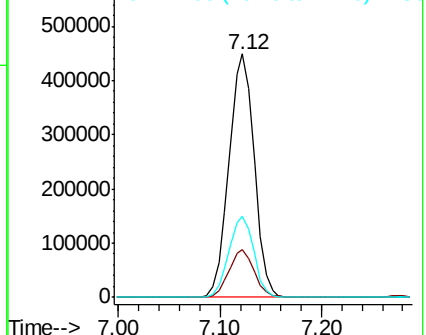
99 100

42 19.4 14.7 22.1

71 33.5 26.5 39.7



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: 42.802 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

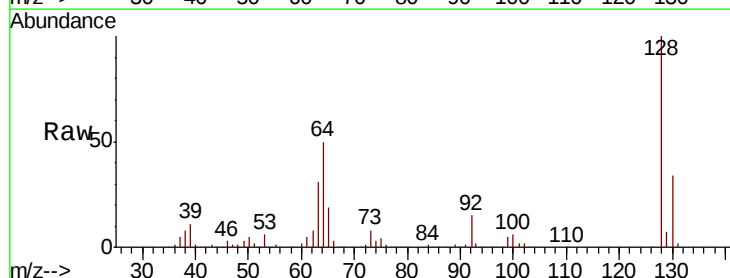
Tgt Ion: 128 Resp: 251947

Ion Ratio Lower Upper

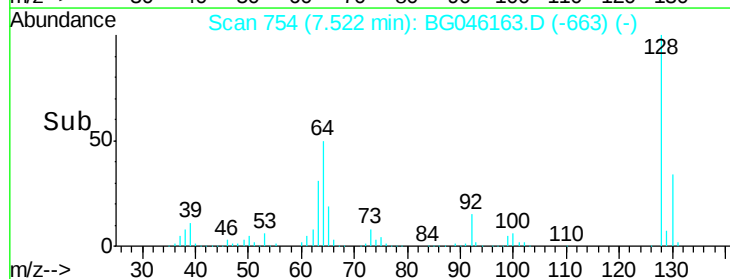
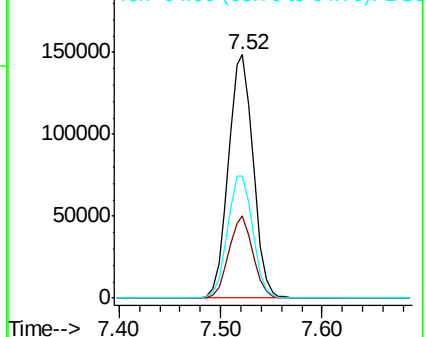
128 100

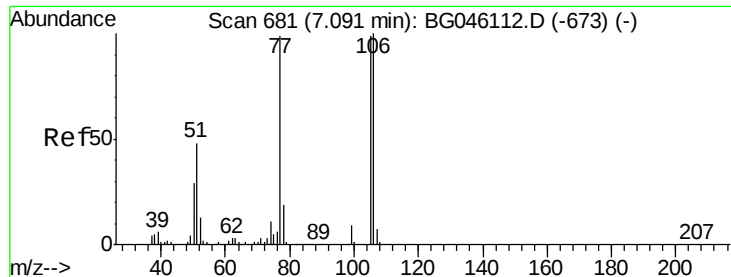
130 34.0 11.6 51.6

64 49.9 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: 40.776 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampled :

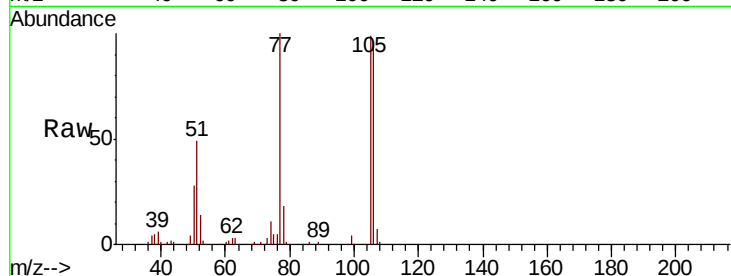
Tot Ion: 77 Resp: 175622

Ion Ratio Lower Upper

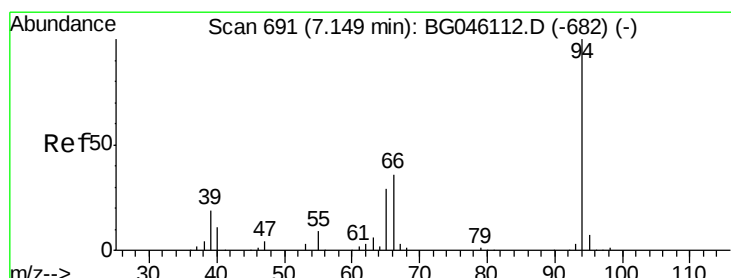
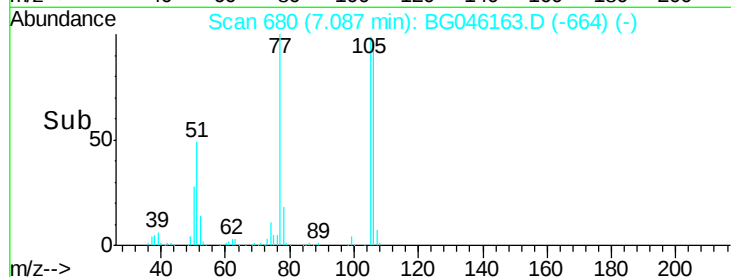
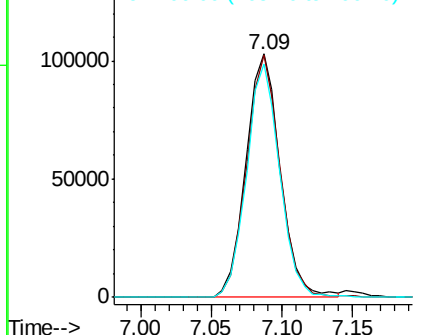
77 100

105 99.3 80.3 120.3

106 95.9 81.5 121.5



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: 43.346 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

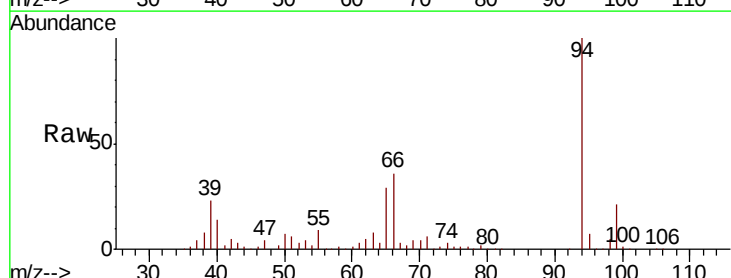
Tgt Ion: 94 Resp: 316104

Ion Ratio Lower Upper

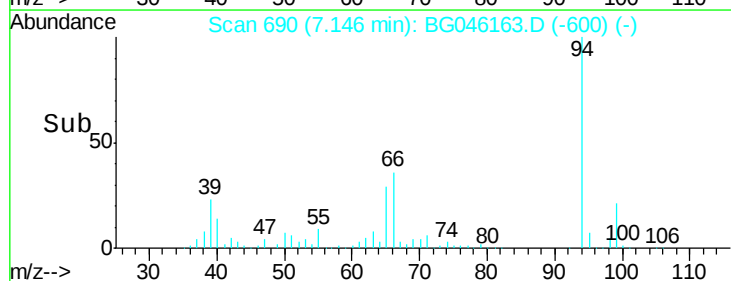
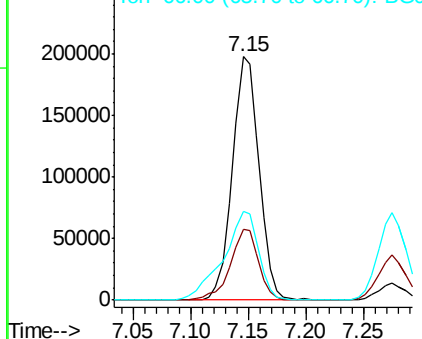
94 100

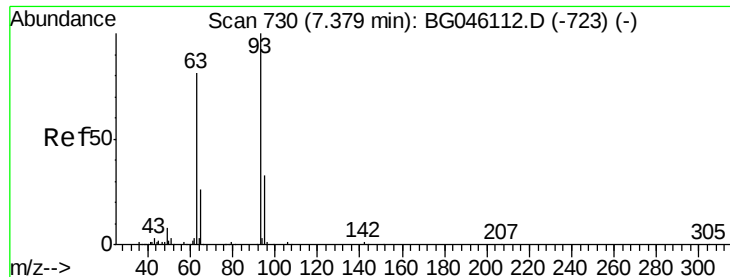
65 29.0 9.6 49.6

66 36.3 16.3 56.3



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

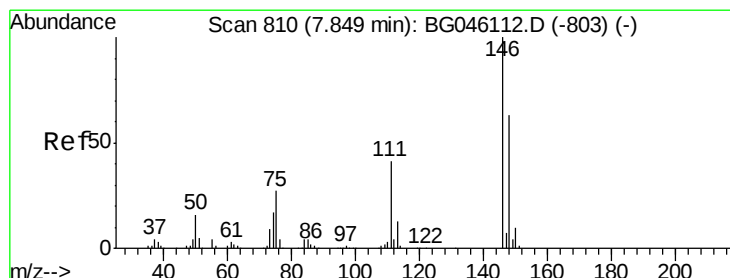
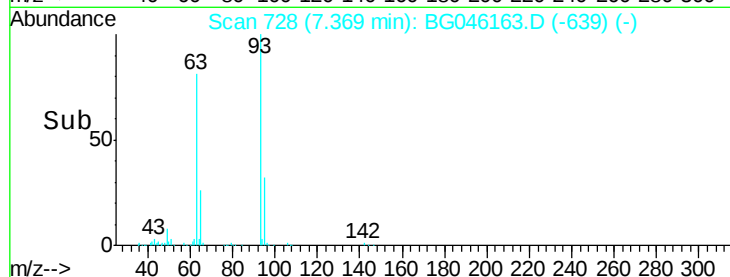
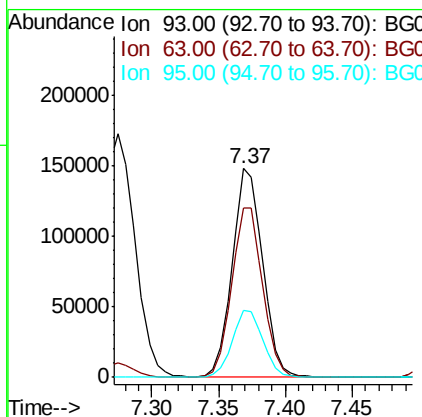
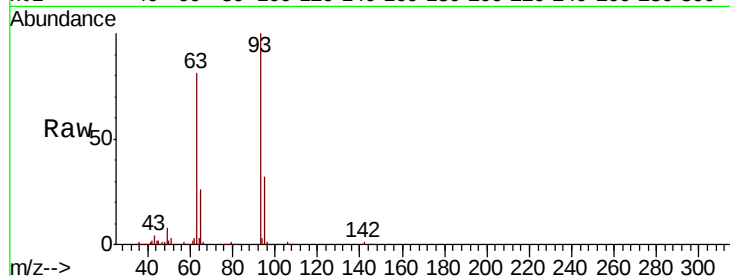




#11
bis(2-Chloroethyl)ether
Concen: 40.200 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

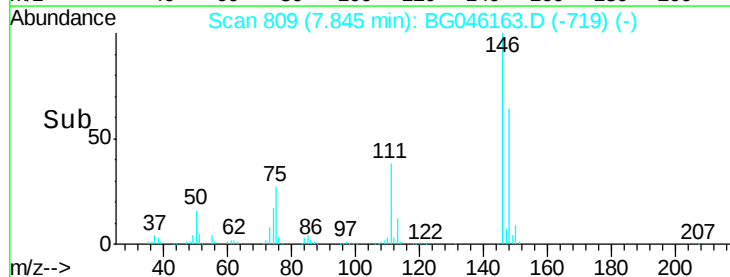
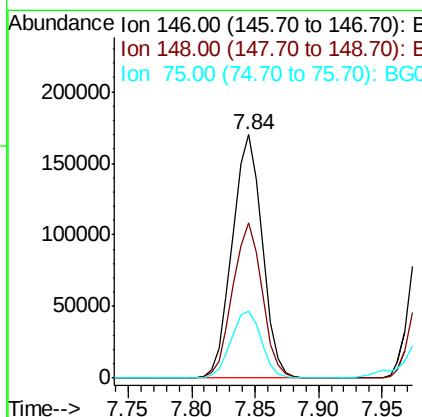
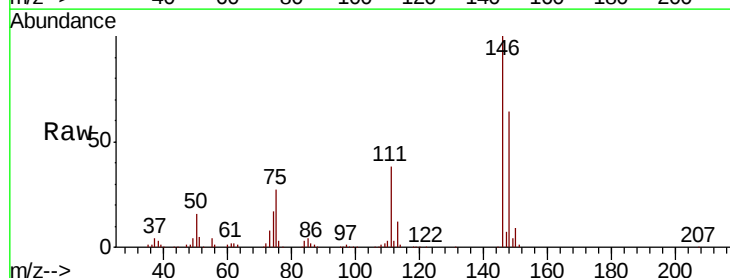
Instrument :
BNA_G
ClientSampleId :

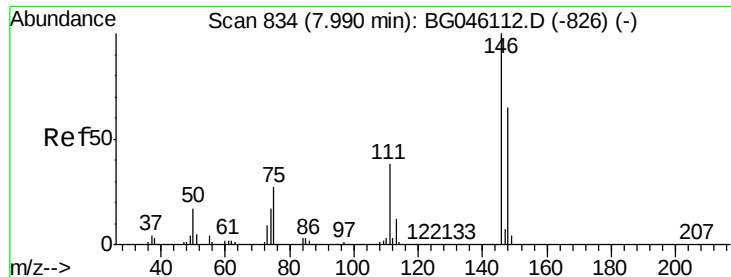
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.4	60.0	100.0
95	32.3	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 38.770 ng
RT: 7.84 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
75	27.3	21.6	32.4

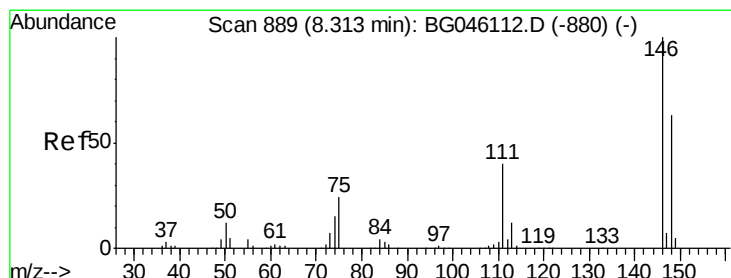
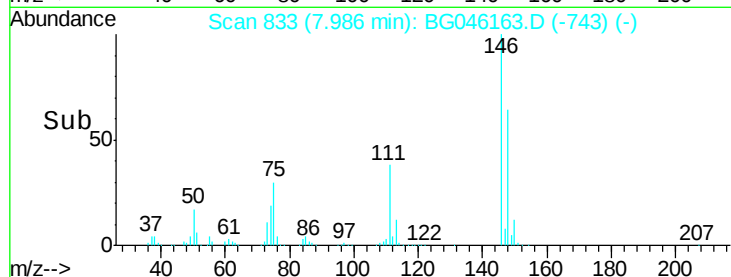
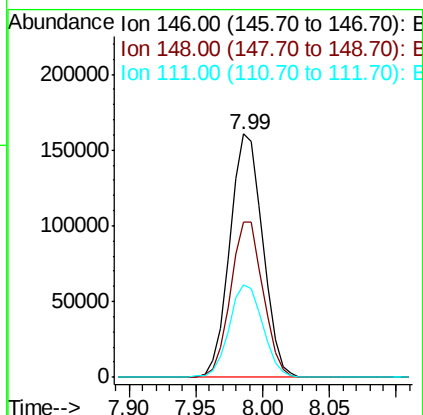
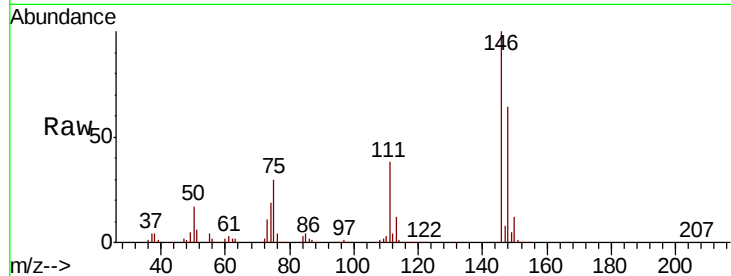




#13
 1,4-Dichlorobenzene
 Concen: 38.484 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

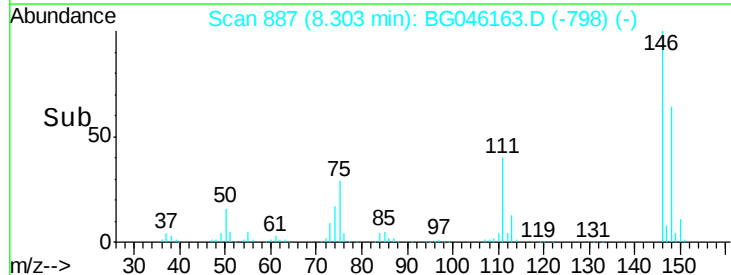
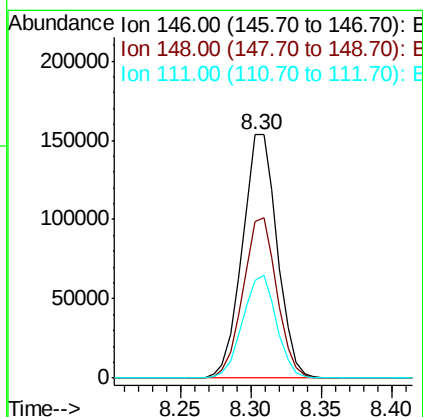
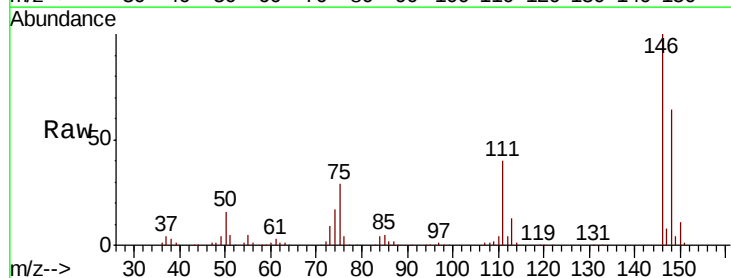
Instrument :
 BNA_G
 ClientSampleId :

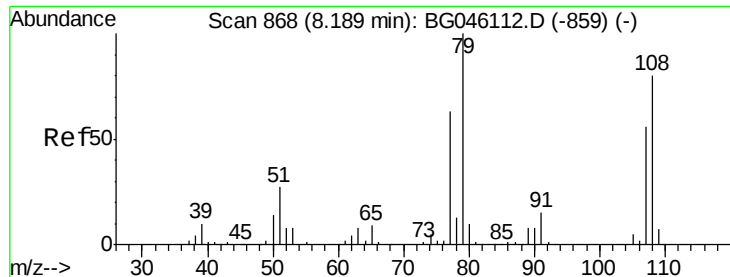
Tot Ion:146 Resp: 275718
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 38.2 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.337 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion:146 Resp: 265797
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 40.2 32.4 48.6





#15

Benzyl Alcohol

Concen: 44.881 ng

RT: 8.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampled :

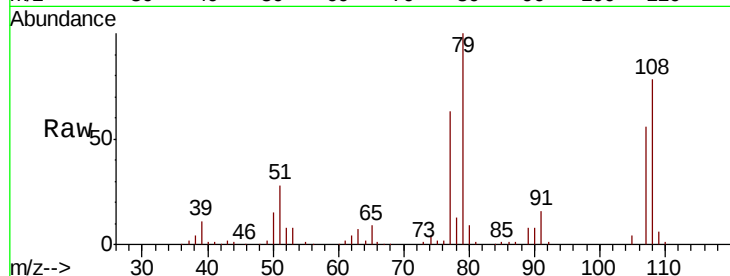
Tot Ion: 79 Resp: 225045

Ion Ratio Lower Upper

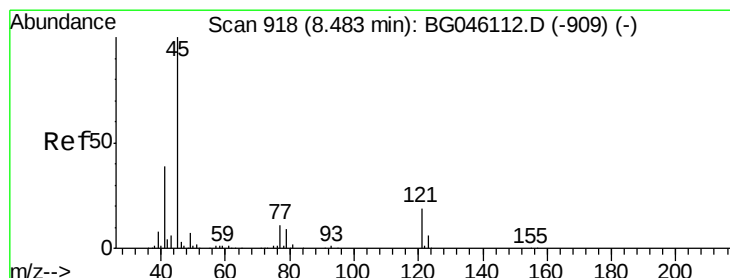
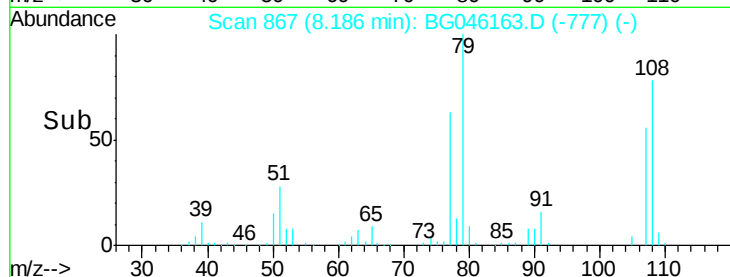
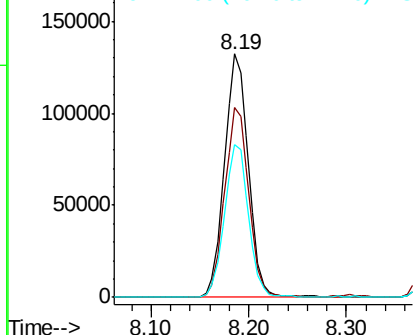
79 100

108 77.7 64.1 96.1

77 62.7 50.2 75.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.401 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

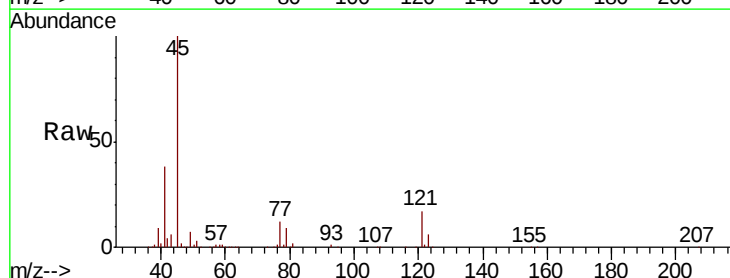
Tgt Ion: 45 Resp: 403235

Ion Ratio Lower Upper

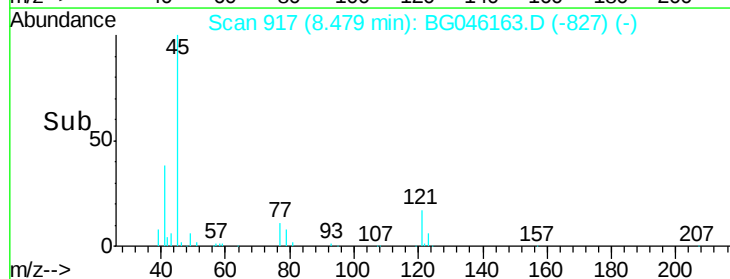
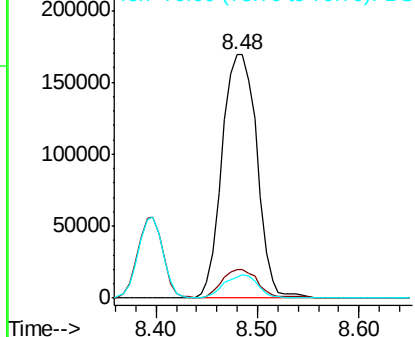
45 100

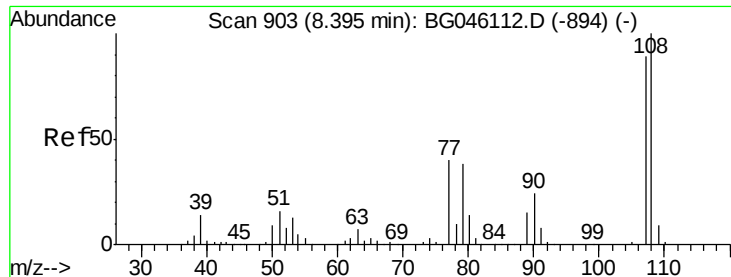
77 12.0 0.0 31.9

79 8.7 0.0 29.5



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

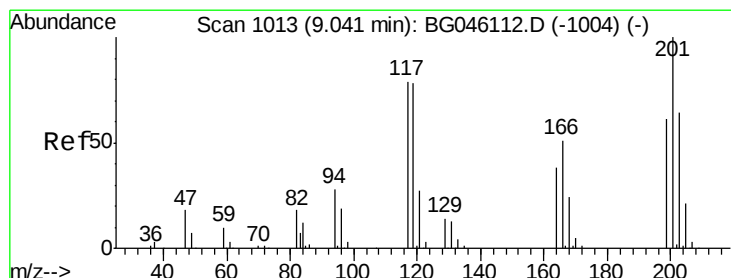
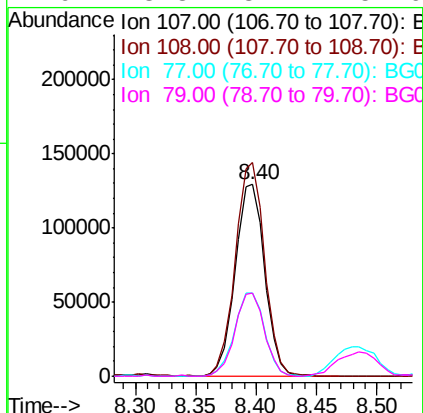
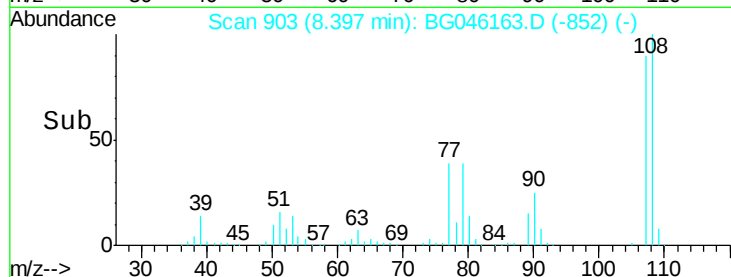
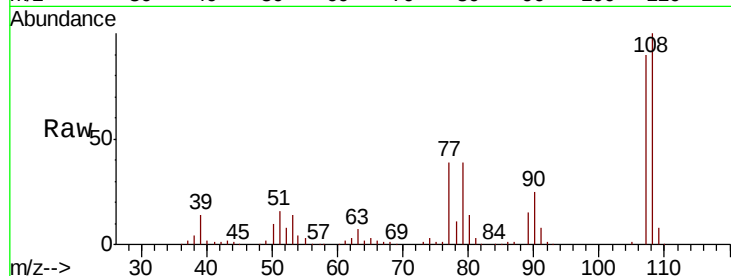




#17
2-Methylphenol
Concen: 45.120 ng
RT: 8.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

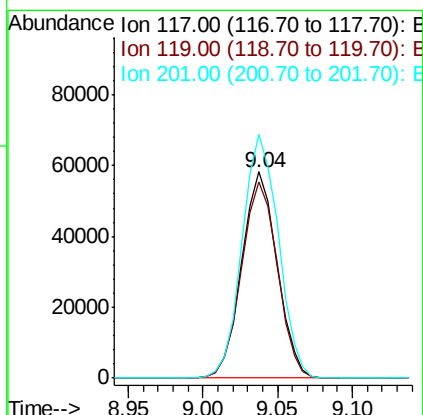
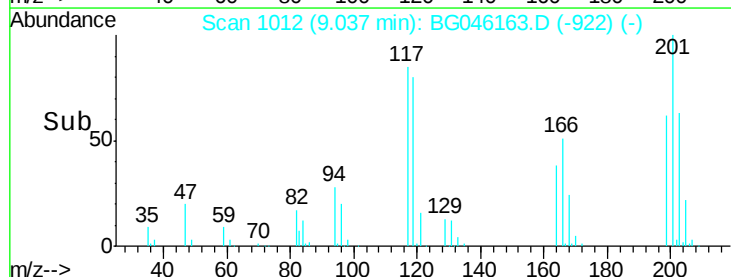
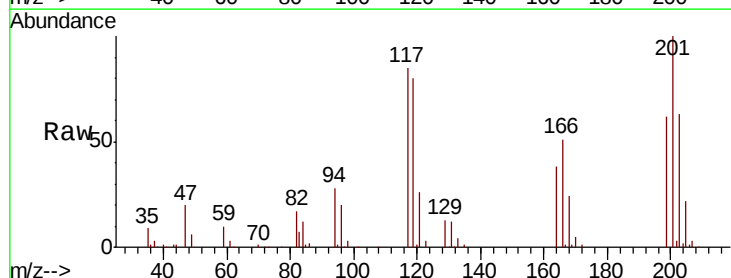
Instrument :
BNA_G
ClientSampleId :

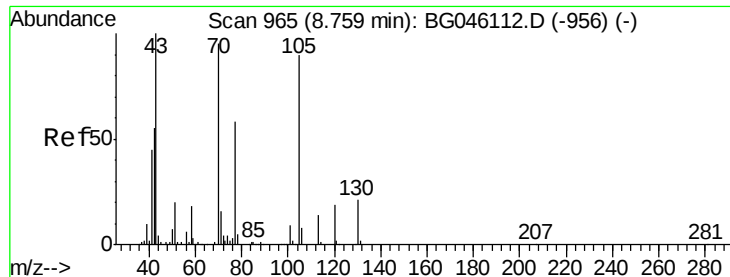
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.0	135.0
77	43.4	35.6	53.4
79	43.8	34.4	51.6



#18
Hexachloroethane
Concen: 39.922 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.5	117.7
201	118.0	101.0	151.4

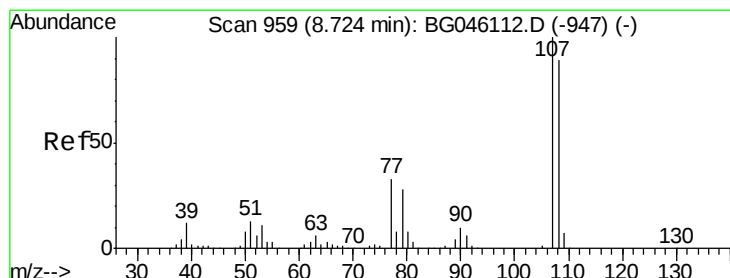
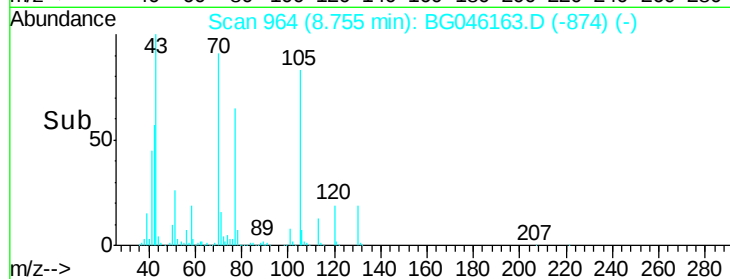
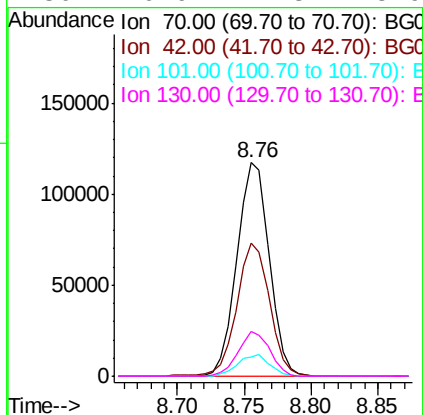
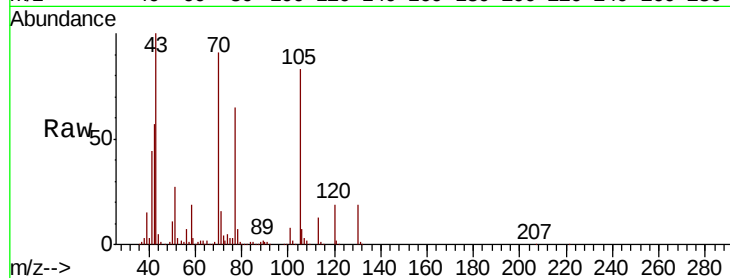




#19
n-Nitroso-di-n-propylamine
Concen: 41.506 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

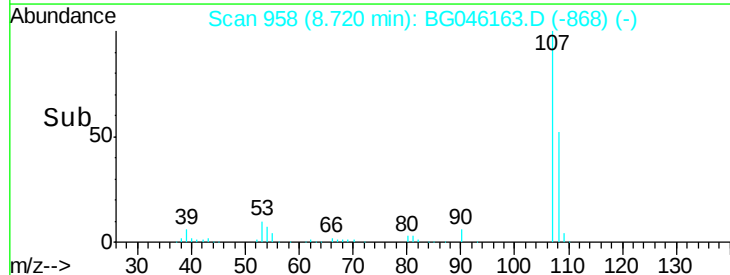
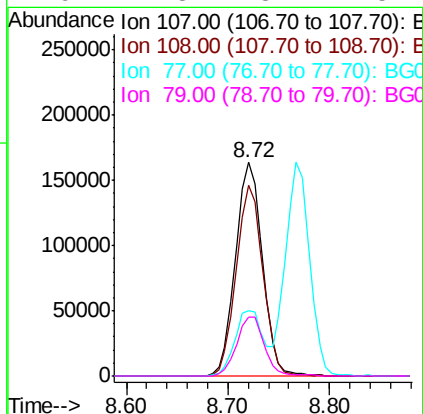
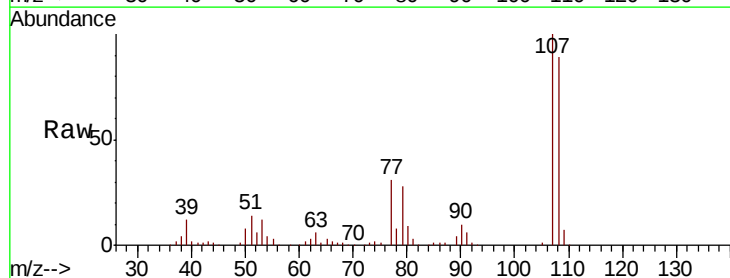
Instrument :
BNA_G
ClientSampleId :

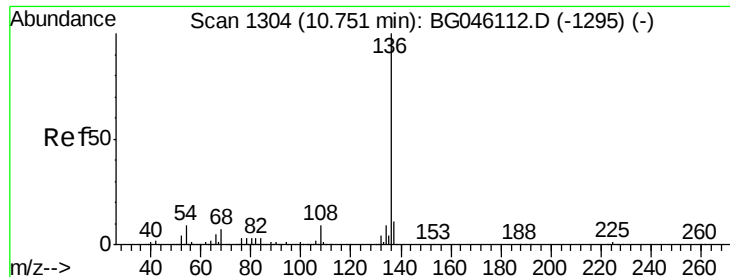
Tot Ion:	70	Resp:	196066
Ion	Ratio	Lower	Upper
70	100		
42	62.5	46.5	69.7
101	9.3	7.6	11.4
130	20.9	17.3	25.9



#20
3+4-Methylphenols
Concen: 45.052 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion:	107	Resp:	303593
Ion	Ratio	Lower	Upper
107	100		
108	89.2	69.1	109.1
77	30.8	12.5	52.5
79	27.8	8.4	48.4

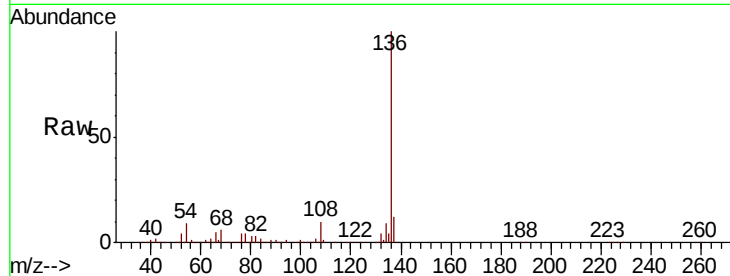




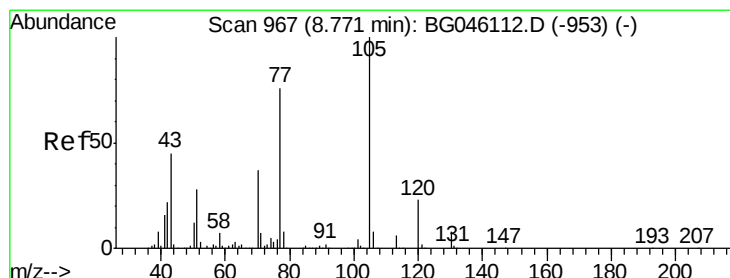
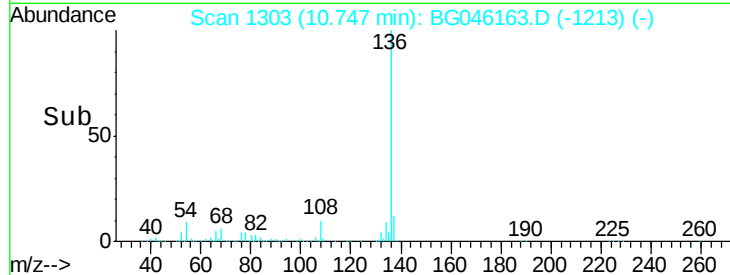
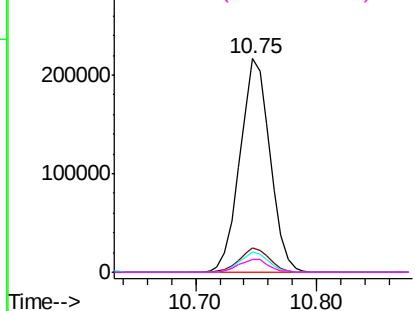
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	374604
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.8 13.2
54	9.4	7.0 10.4
68	6.0	5.3 7.9

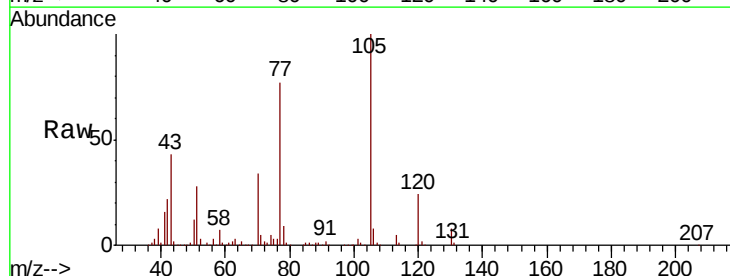


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

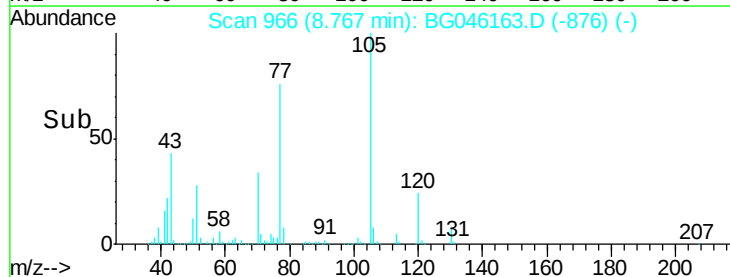
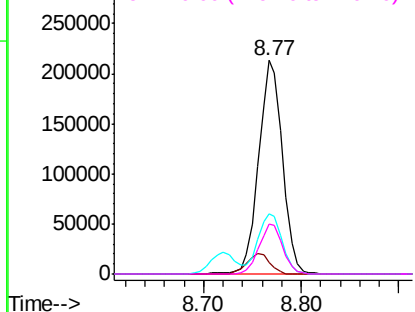


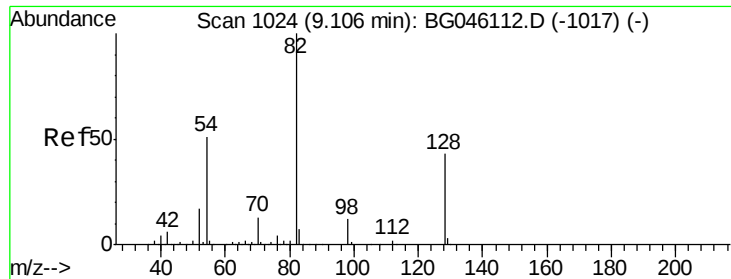
#22
Acetophenone
Concen: 38.087 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion:105	Resp:	366162
Ion Ratio	Lower	Upper
105	100	
71	5.4	5.3 7.9
51	28.2	22.7 34.1
120	23.6	18.7 28.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

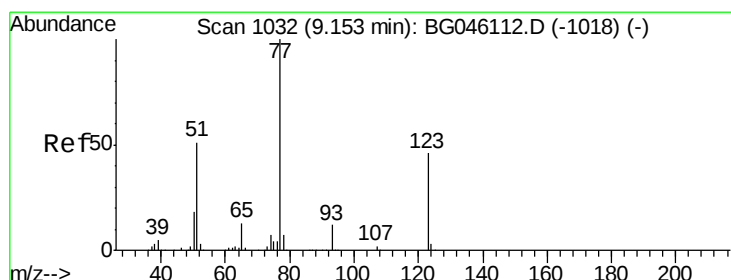
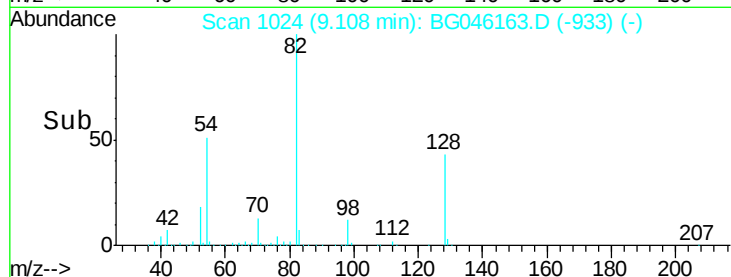
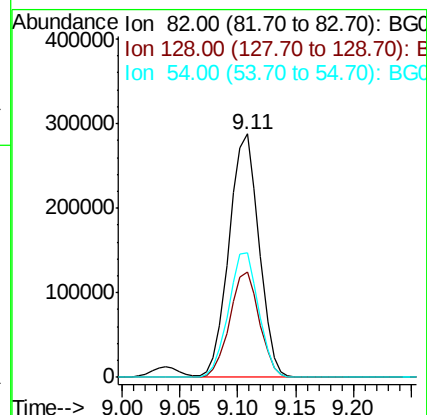
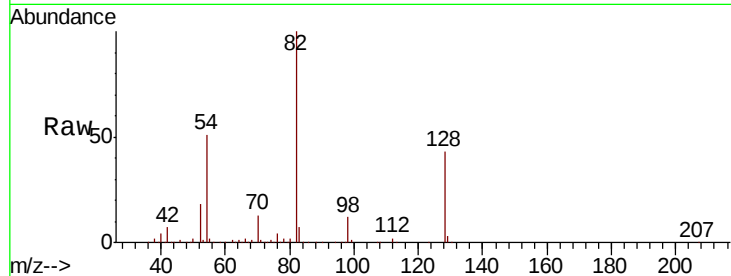




#23
Nitrobenzene-d5
Concen: 74.758 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

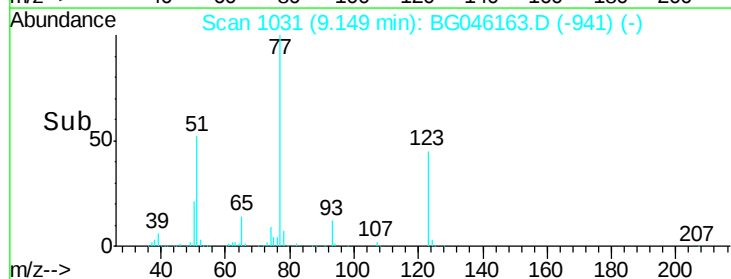
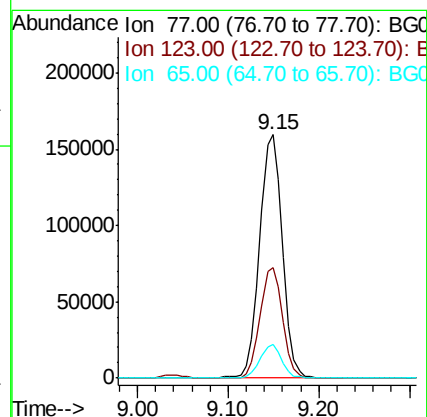
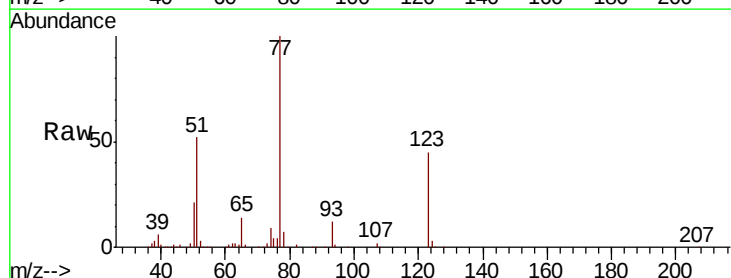
Instrument :
BNA_G
ClientSampleId :

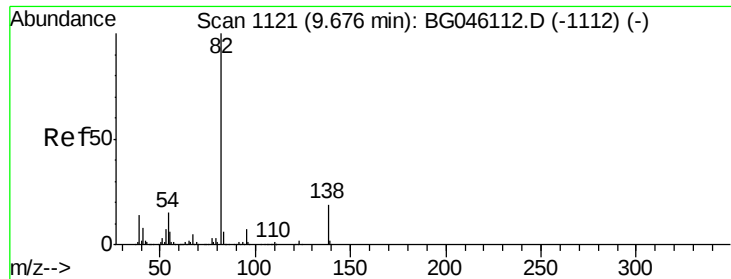
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.4	51.6
54	51.4	40.8	61.2



#24
Nitrobenzene
Concen: 37.546 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	36.8	55.2
65	13.8	10.2	15.2





#25

Isophorone

Concen: 38.364 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

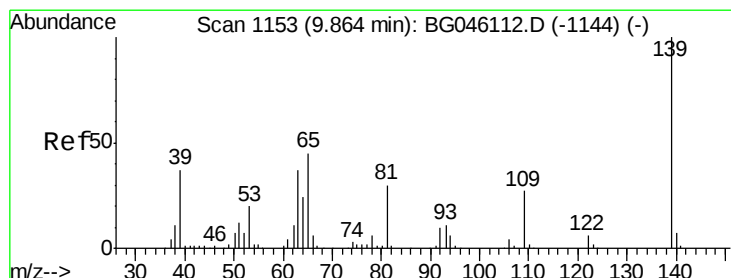
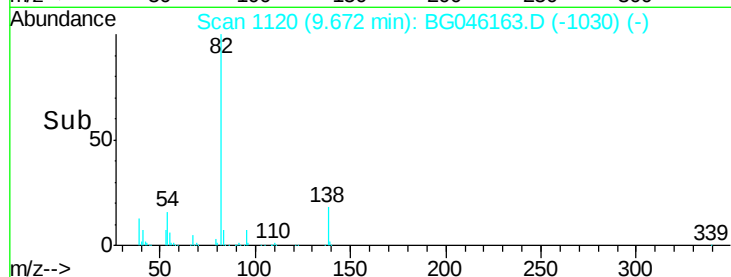
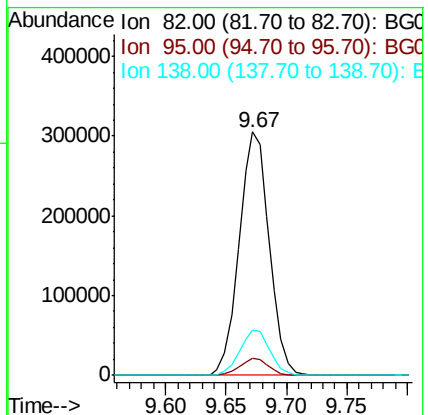
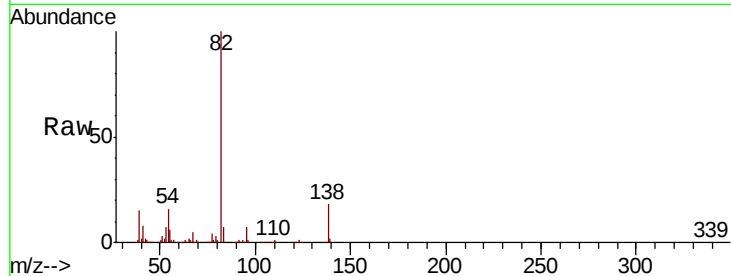
Tot Ion: 82 Resp: 528160

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

138 18.3 15.3 22.9



#26

2-Nitrophenol

Concen: 41.466 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

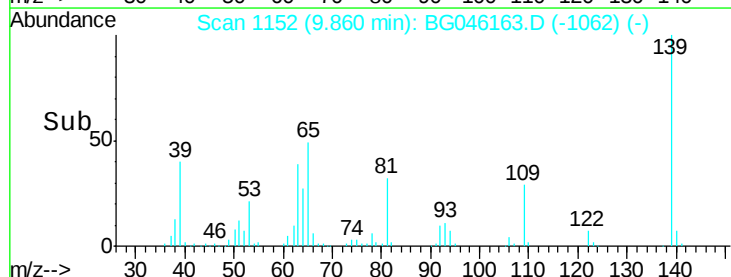
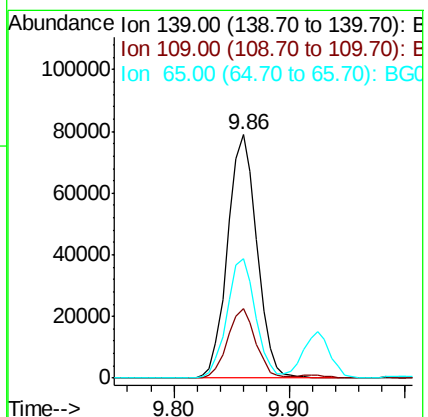
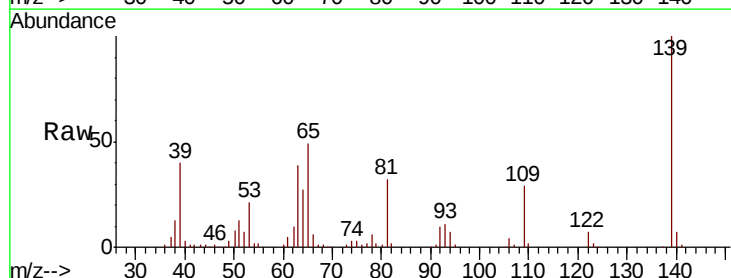
Tgt Ion: 139 Resp: 138630

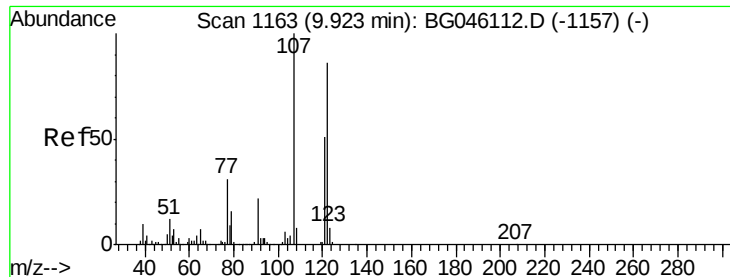
Ion Ratio Lower Upper

139 100

109 28.6 21.8 32.8

65 49.2 36.2 54.2

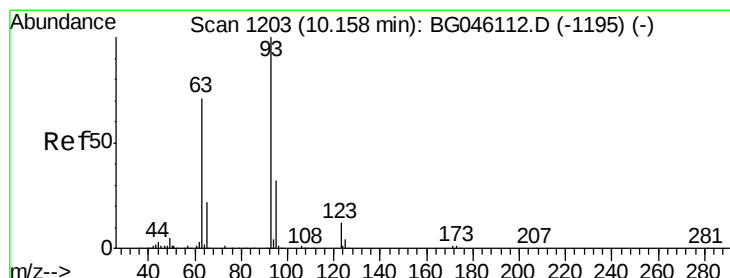
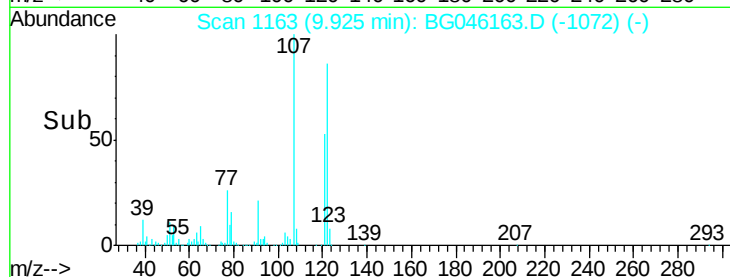
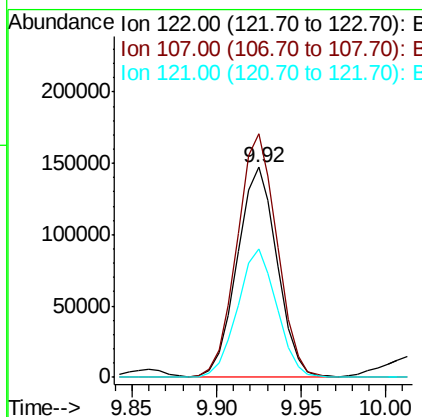
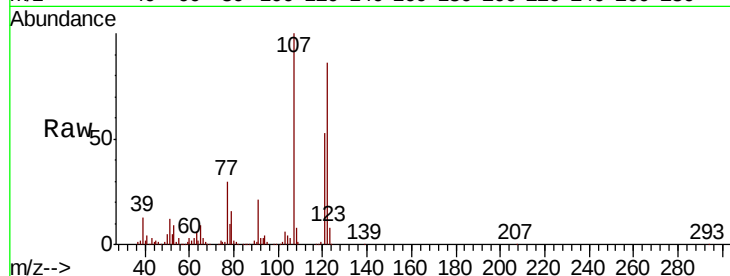




#27
 2,4-Dimethylphenol
 Concen: 44.187 ng
 RT: 9.92 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

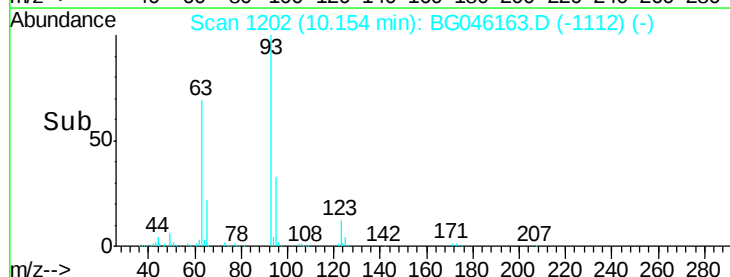
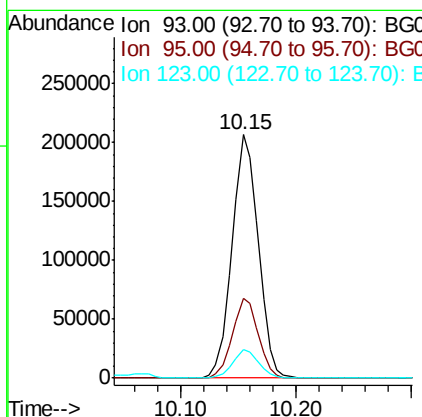
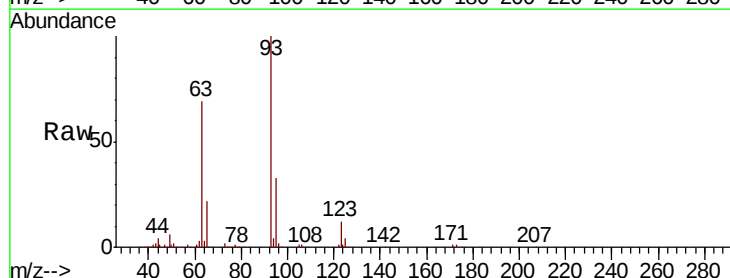
Instrument :
 BNA_G
 ClientSampleId :

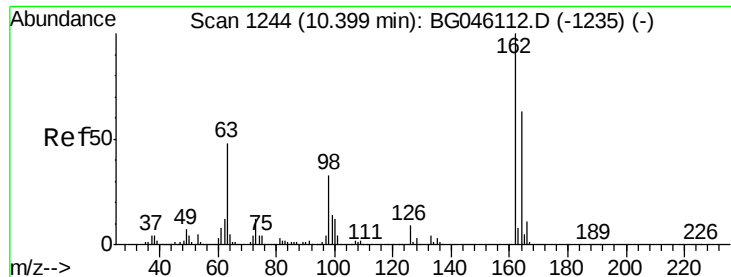
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	92.4	138.6
121	61.3	47.0	70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.300 ng
 RT: 10.15 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.5	9.7	14.5

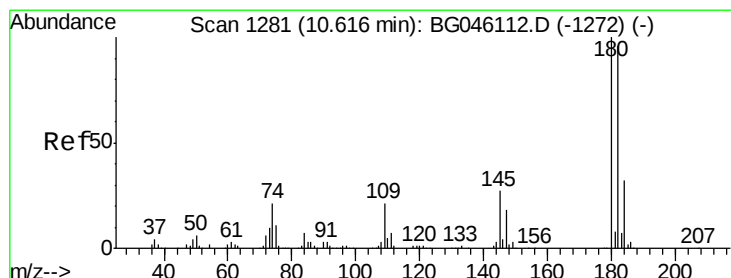
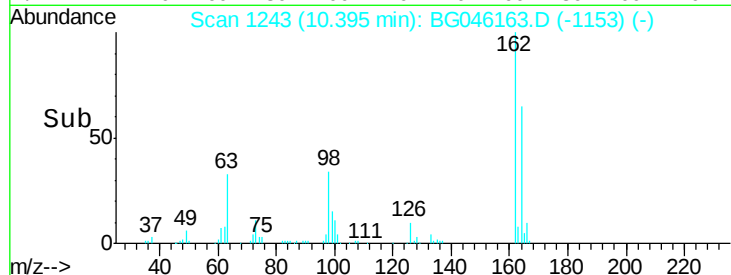
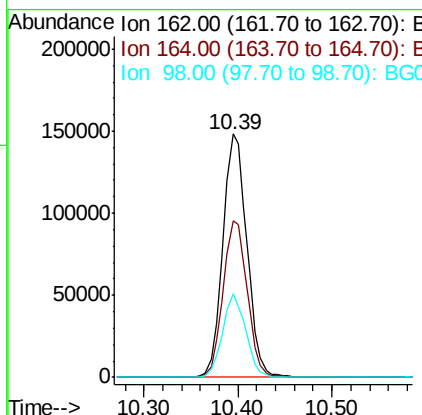
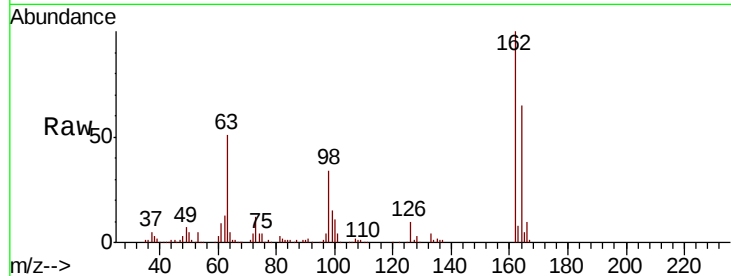




#29
2,4-Dichlorophenol
Concen: 41.208 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

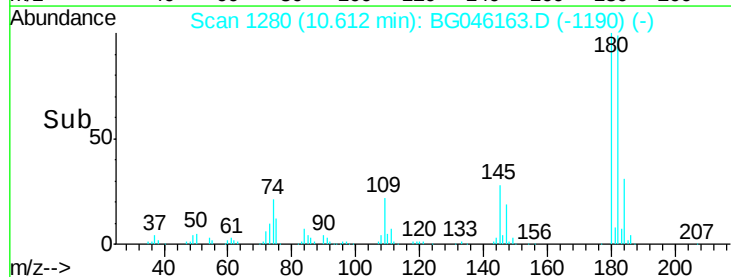
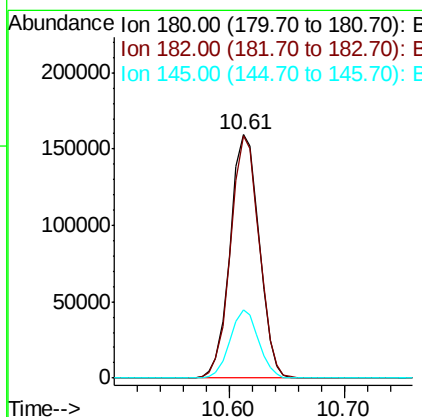
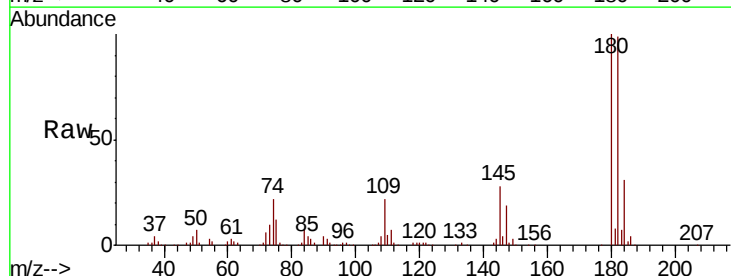
Instrument :
BNA_G
ClientSampleId :

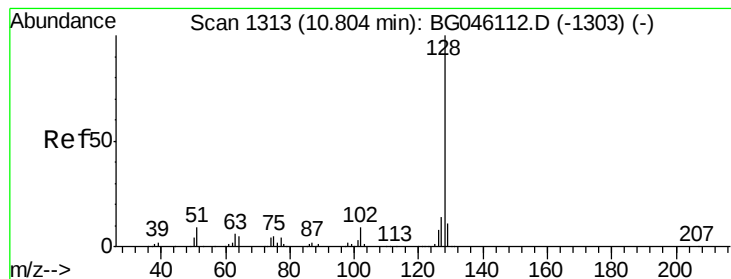
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.3	83.3
98	34.1	13.1	53.1



#30
1,2,4-Trichlorobenzene
Concen: 37.041 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.7	115.1
145	28.2	21.8	32.8

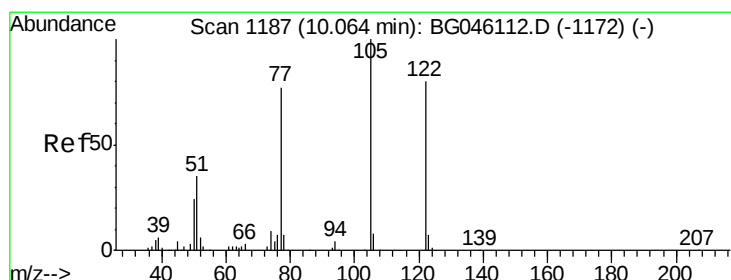
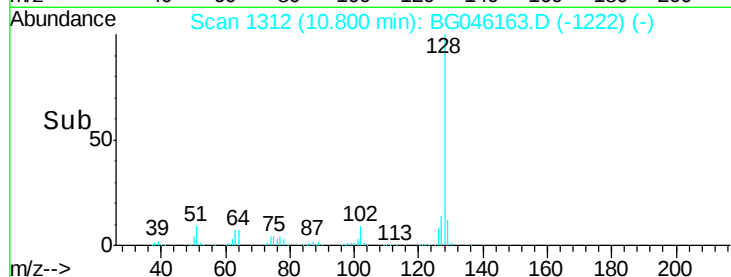
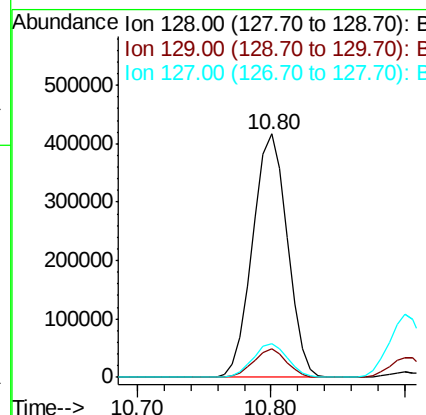
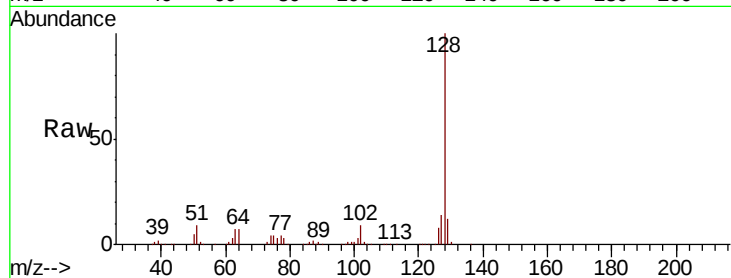




#31
Naphthalene
Concen: 37.646 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

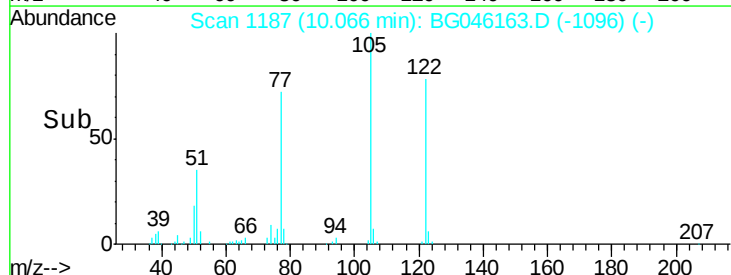
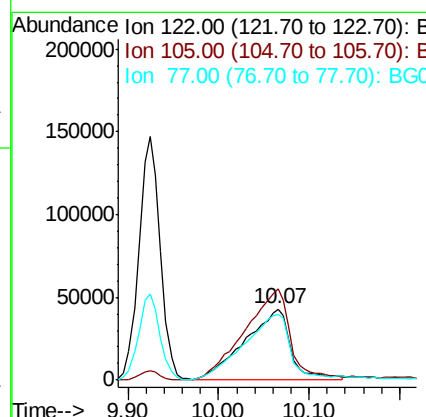
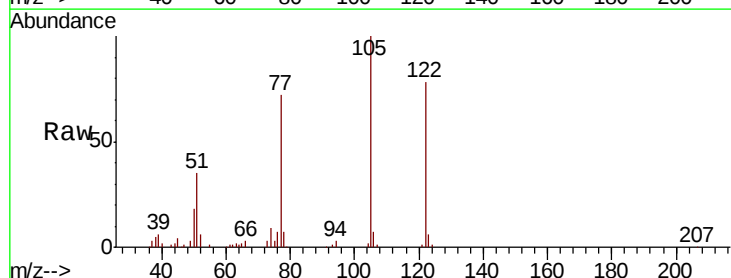
Instrument :
BNA_G
ClientSampleId :

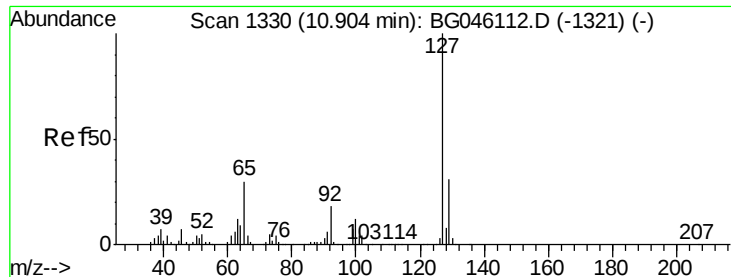
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.9	11.3	16.9



#32
Benzoic acid
Concen: 38.919 ng
RT: 10.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	103.0	143.0
77	92.9	75.2	115.2

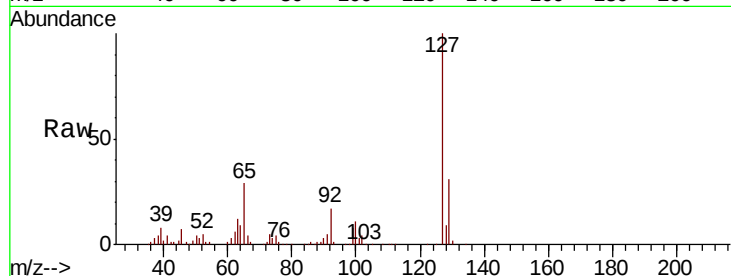




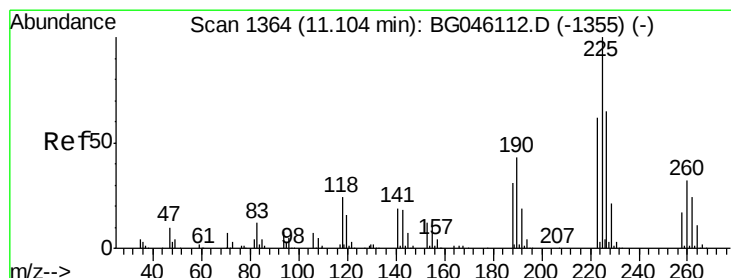
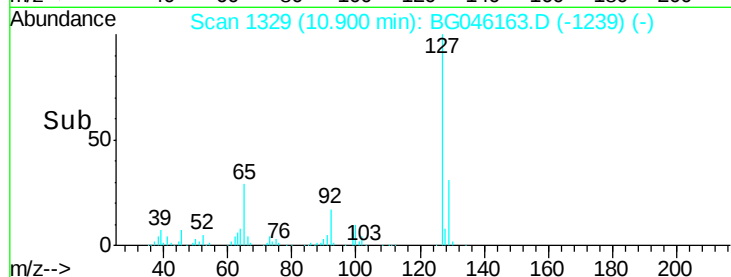
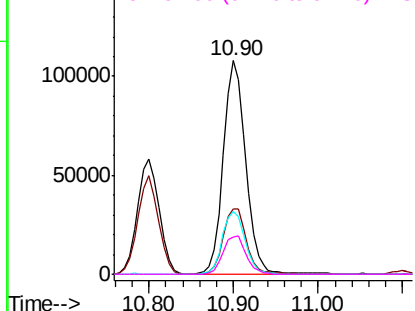
#33
4-Chloroaniline
Concen: 24.451 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	198044
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.2	37.8
65	29.5	24.2	36.2
92	17.2	14.5	21.7

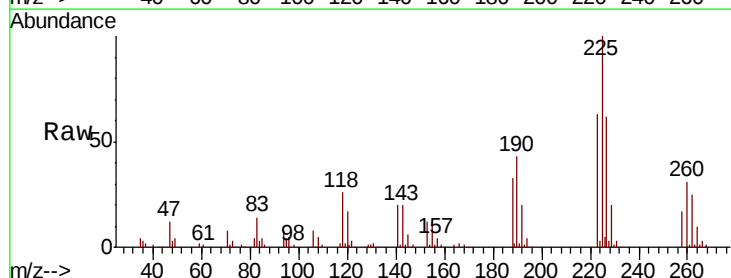


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

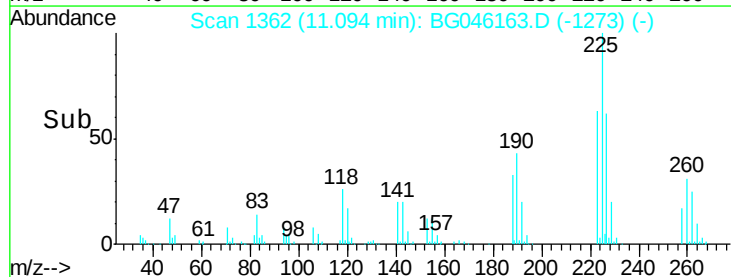
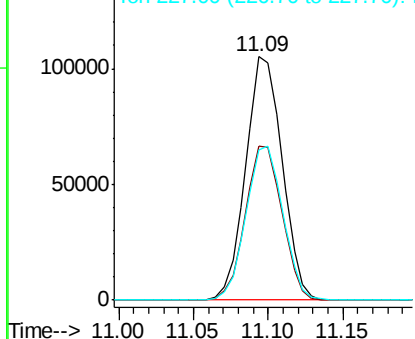


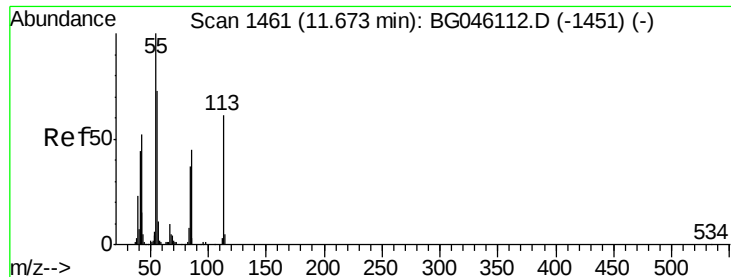
#34
Hexachlorobutadiene
Concen: 35.584 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion:	225	Resp:	177551
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	61.7	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.342 ng

RT: 11.72 min Scan# 1468

Delta R.T. 0.04 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampled :

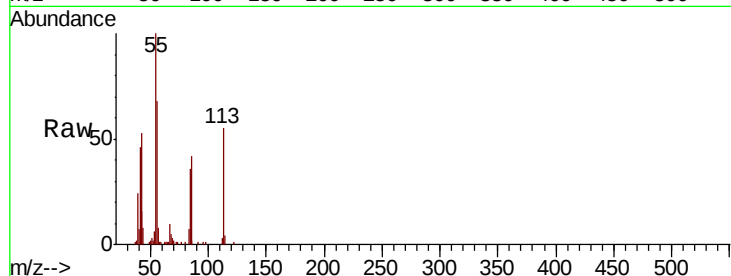
Tot Ion:113 Resp: 42600

Ion Ratio Lower Upper

113 100

55 182.7 144.7 184.7

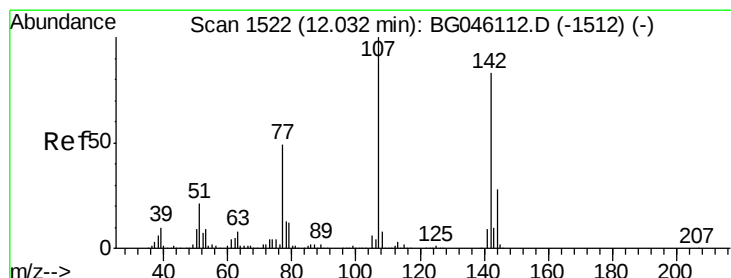
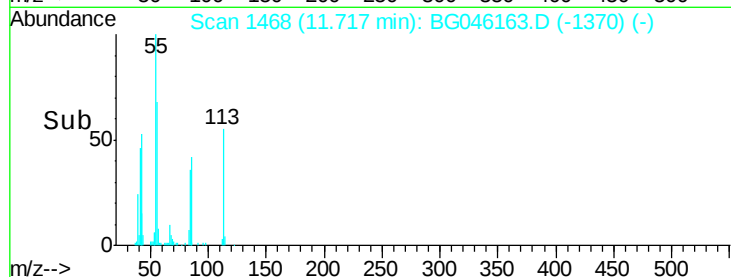
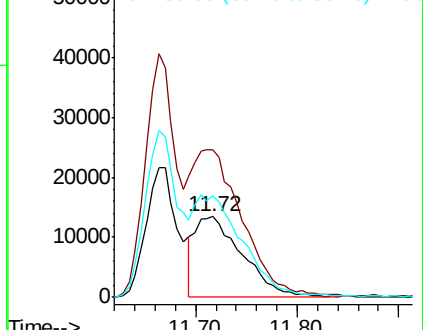
56 125.1 99.4 139.4



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: 42.586 ng

RT: 12.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

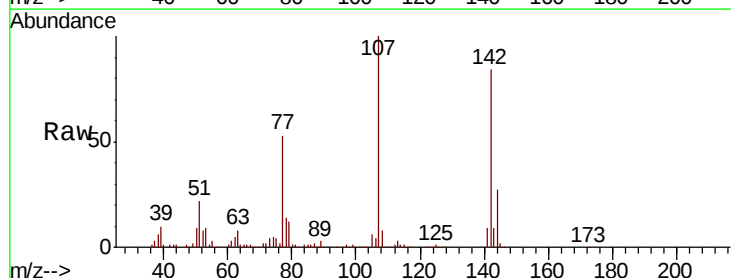
Tgt Ion:107 Resp: 267397

Ion Ratio Lower Upper

107 100

144 27.0 22.4 33.6

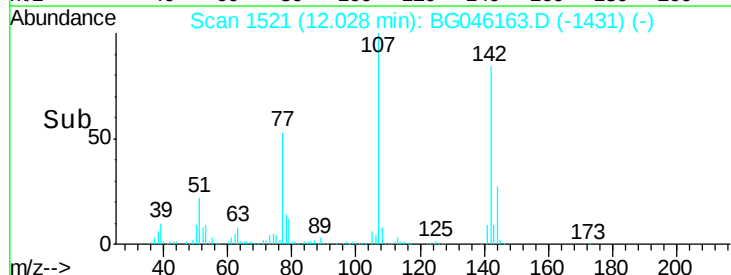
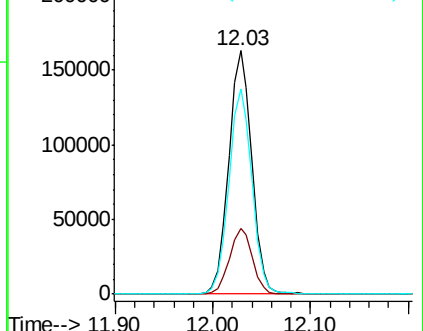
142 84.3 66.6 100.0

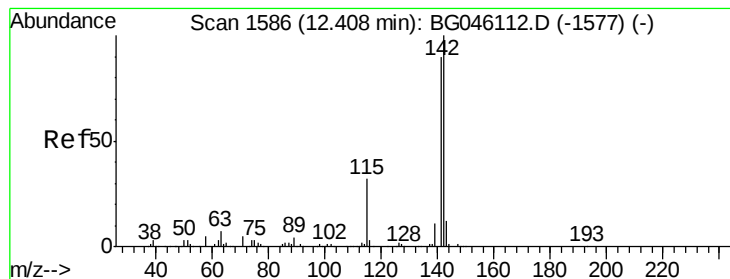


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.096 ng

RT: 12.40 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

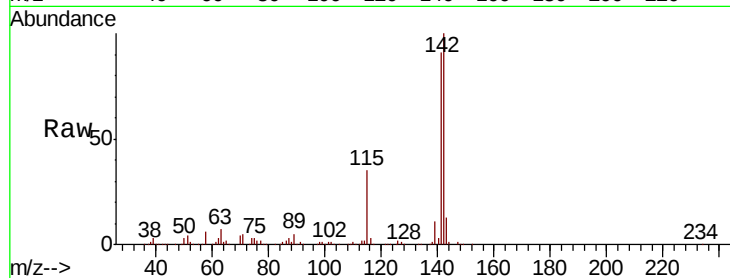
Tot Ion:142 Resp: 581025

Ion Ratio Lower Upper

142 100

141 91.3 71.7 107.5

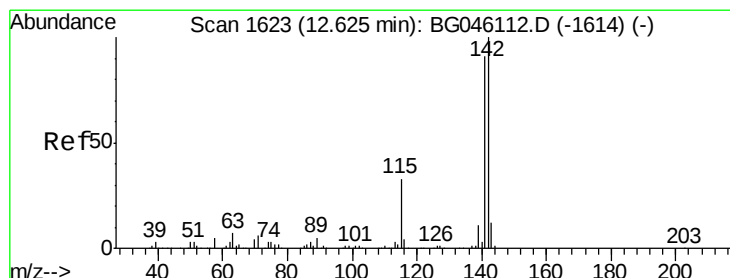
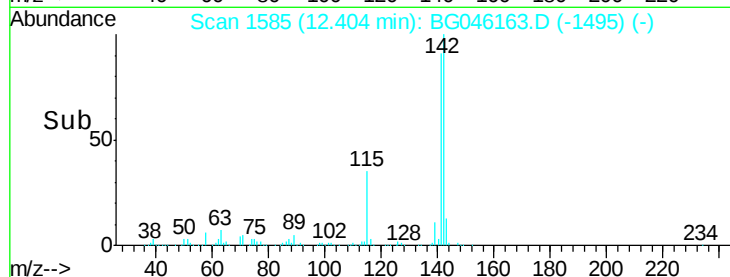
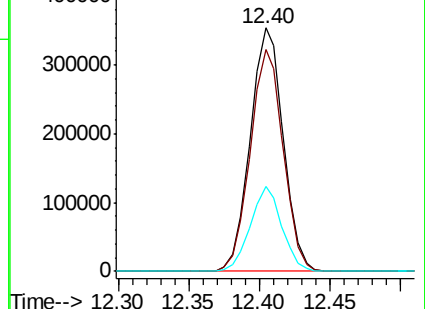
115 34.7 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.353 ng

RT: 12.62 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

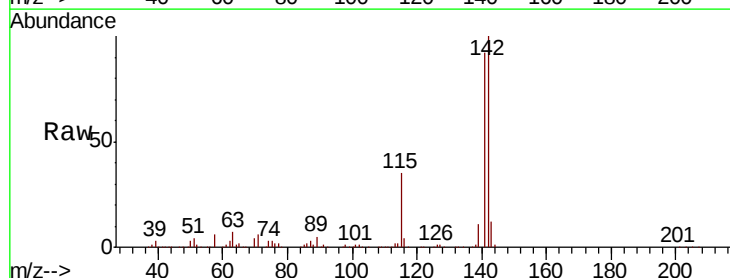
Tgt Ion:142 Resp: 553523

Ion Ratio Lower Upper

142 100

141 92.3 73.0 109.4

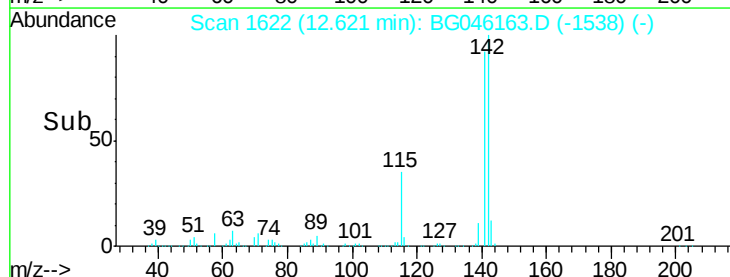
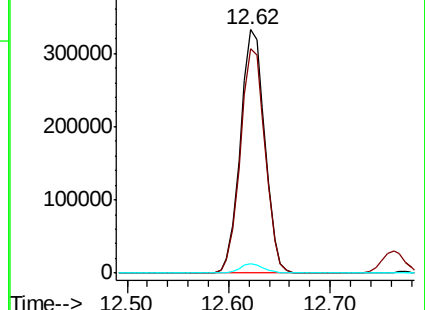
116 3.7 2.8 4.2

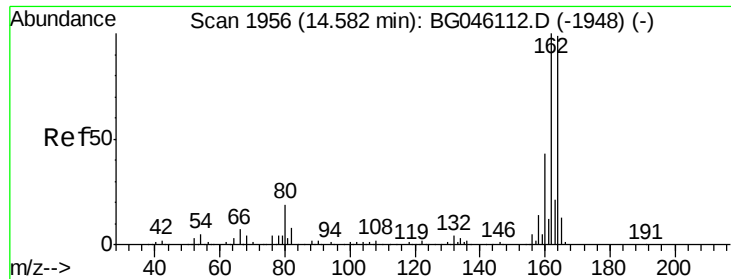


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

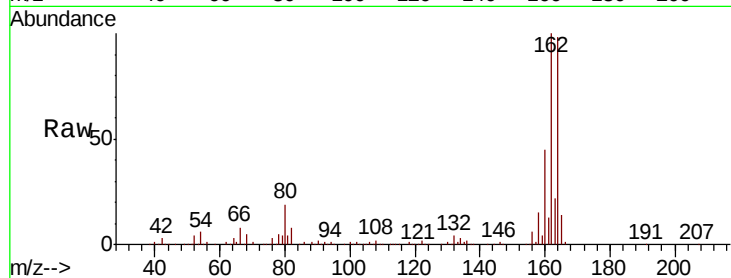
Tot Ion:164 Resp: 247858

Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

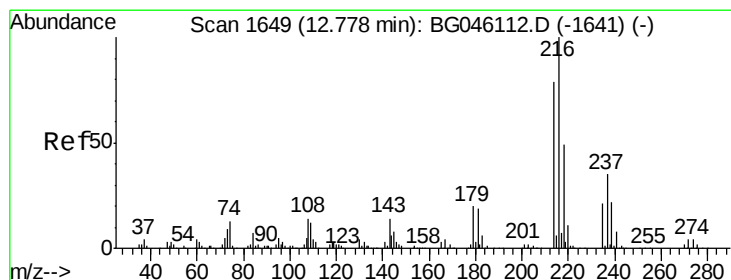
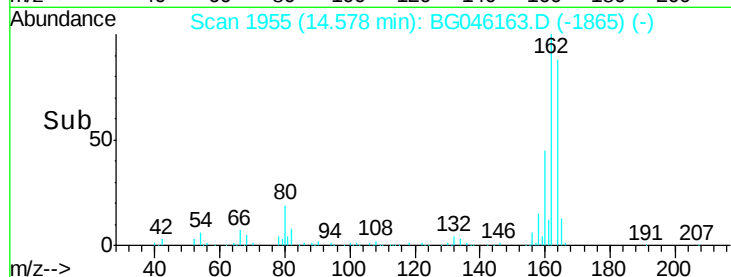
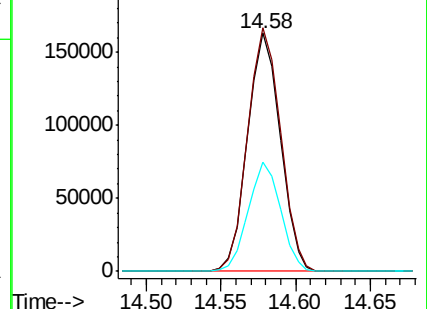
160 46.0 34.9 52.3



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: 36.571 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion:216 Resp: 326595

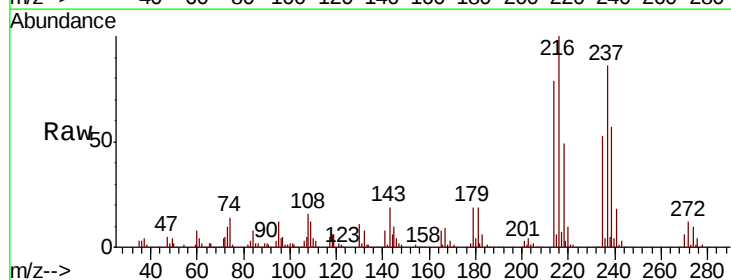
Ion Ratio Lower Upper

216 100

214 77.9 62.7 94.1

179 19.1 15.0 22.6

108 17.4 11.6 17.4#

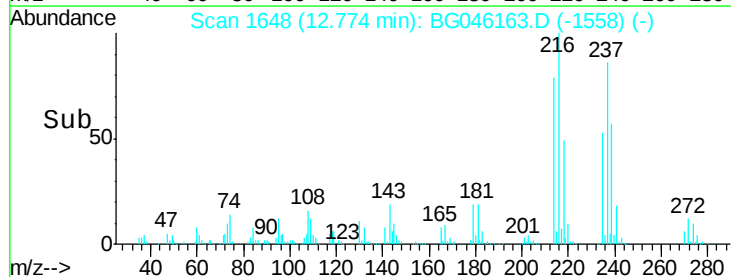
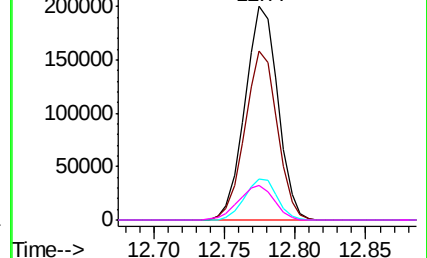


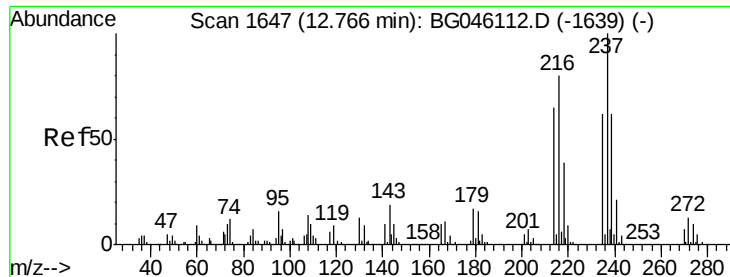
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.335 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

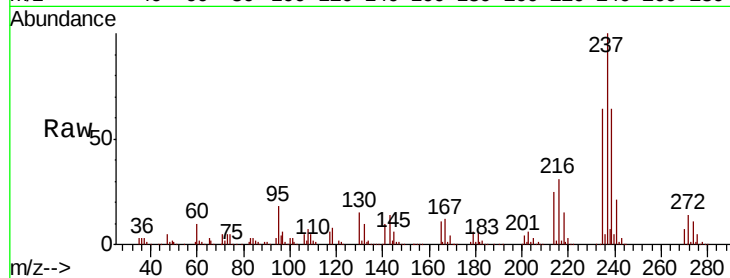
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 447365

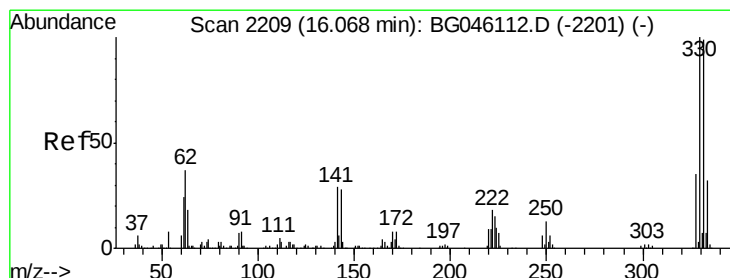
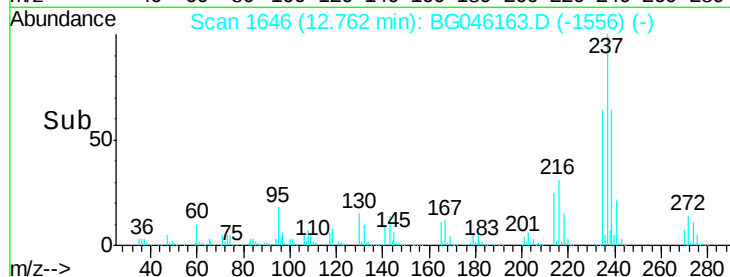
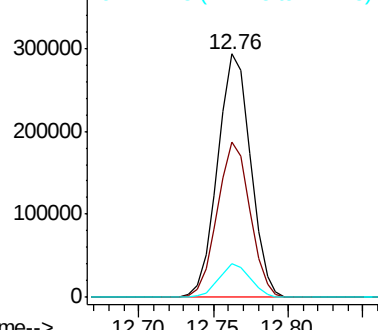
Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.3	82.3
272	13.7	0.0	32.7



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: 104.573 ng

RT: 16.06 min Scan# 2208

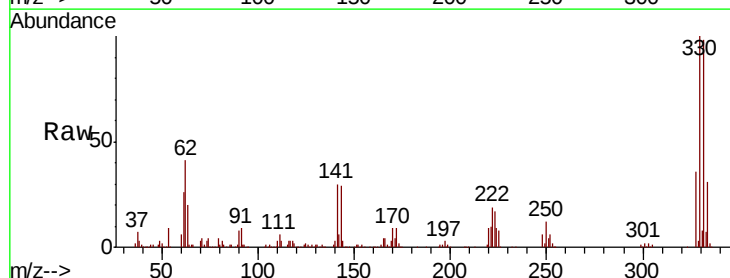
Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Tgt Ion:330 Resp: 398113

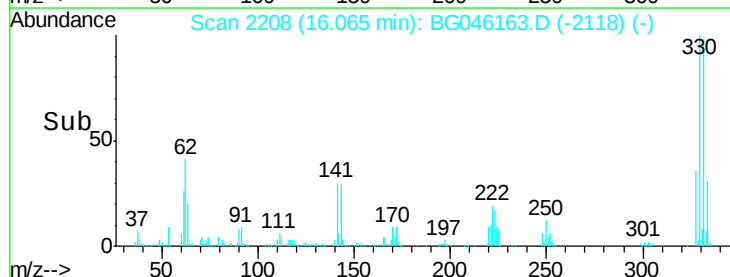
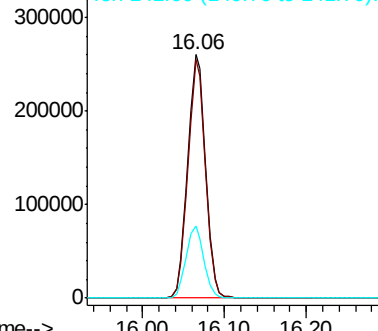
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	29.6	23.4	35.0

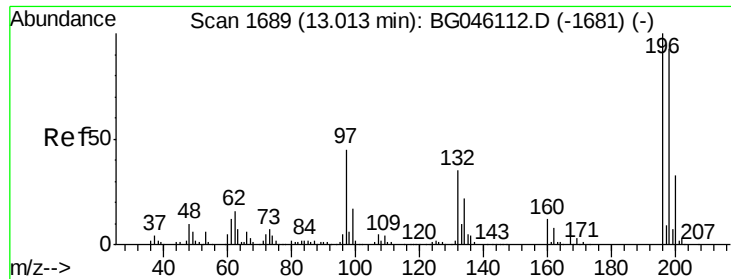


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

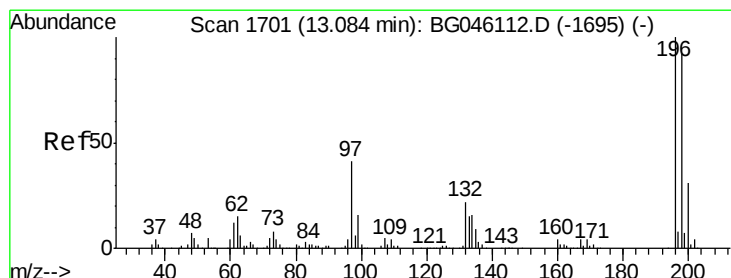
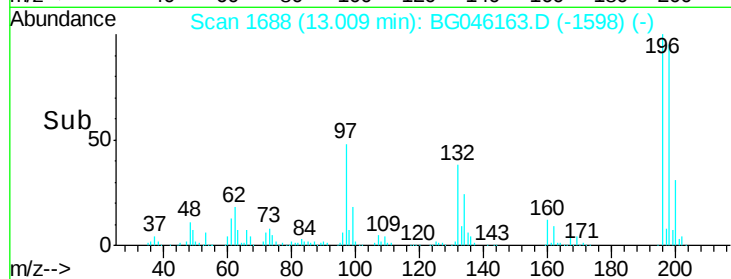
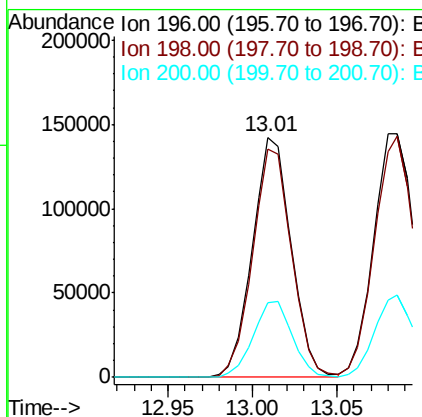
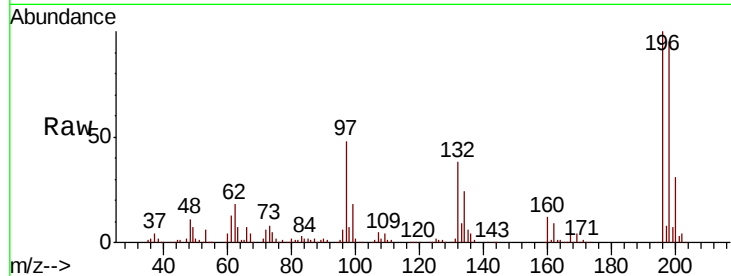




#43
 2,4,6-Trichlorophenol
 Concen: 39.739 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

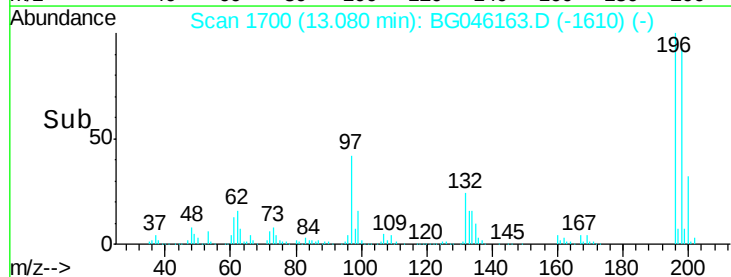
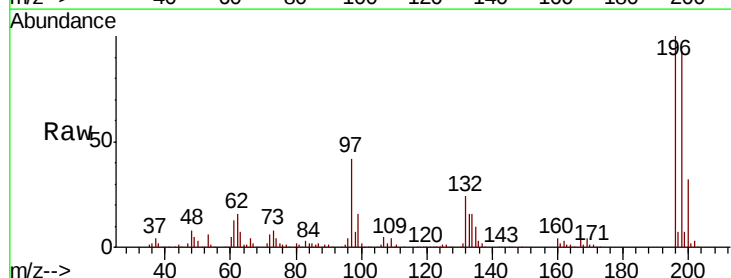
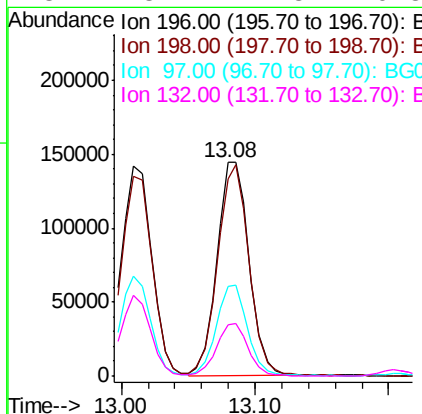
Instrument :
 BNA_G
 ClientSampled :

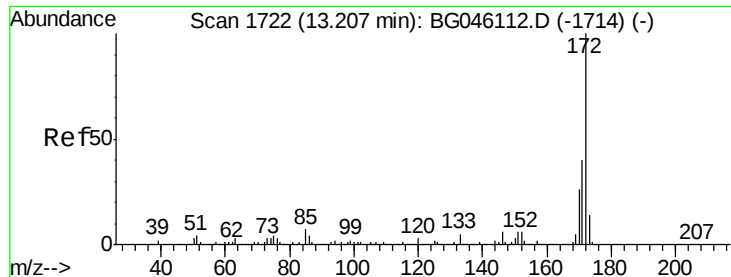
Tot Ion	196	Resp	226417
Ion Ratio	Lower	Upper	
196	100		
198	95.0	74.2	111.4
200	30.9	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.216 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	196	Resp	243791
Ion Ratio	Lower	Upper	
196	100		
198	92.6	73.9	110.9
97	42.0	32.7	49.1
132	23.7	17.8	26.8

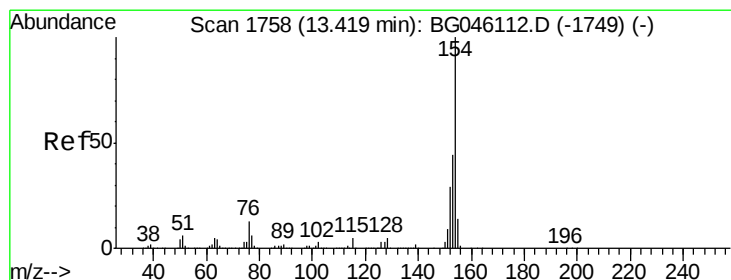
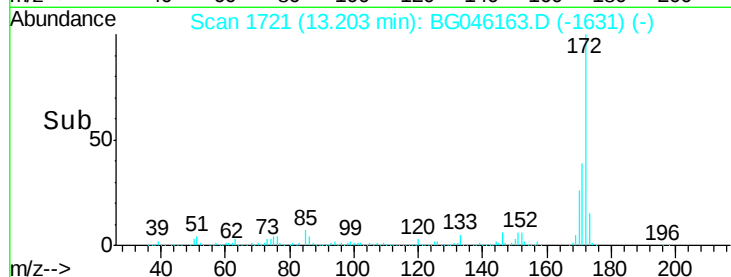
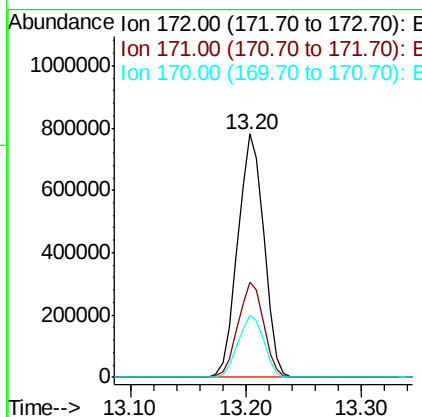
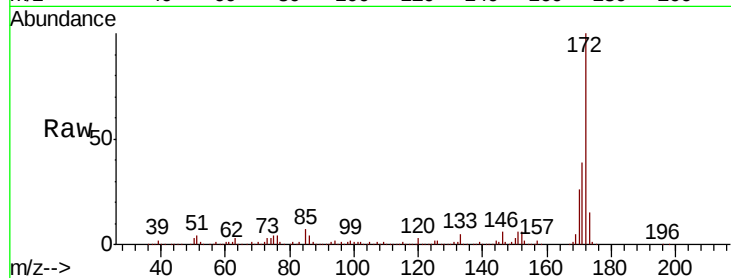




#45
2-Fluorobiphenyl
Concen: 71.746 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

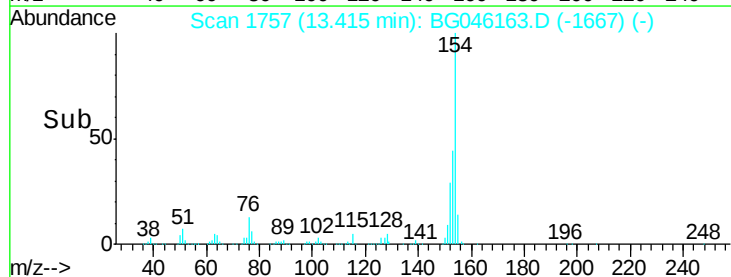
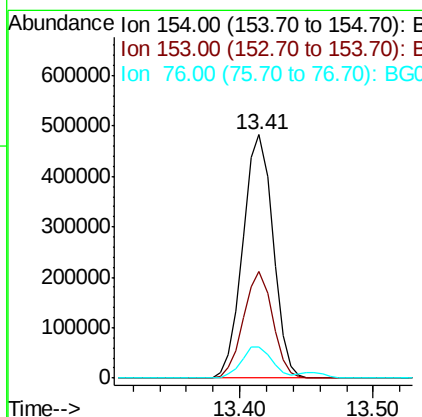
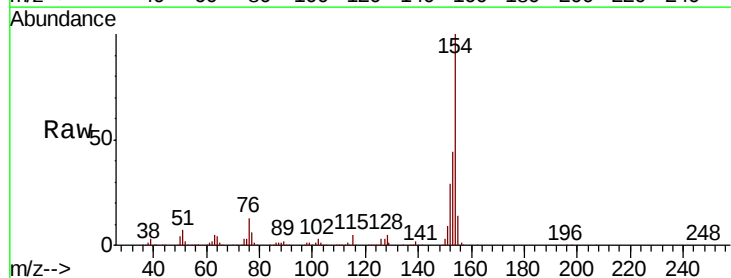
Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1224179
Ion Ratio Lower Upper
172 100
171 39.0 31.7 47.5
170 25.6 20.9 31.3



#46
1,1'-Biphenyl
Concen: 38.636 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion:154 Resp: 751233
Ion Ratio Lower Upper
154 100
153 43.6 23.7 63.7
76 13.0 0.0 32.9

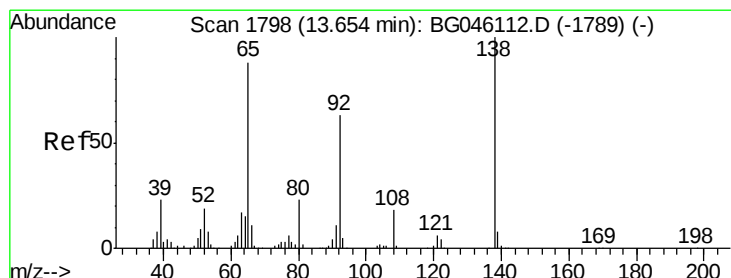
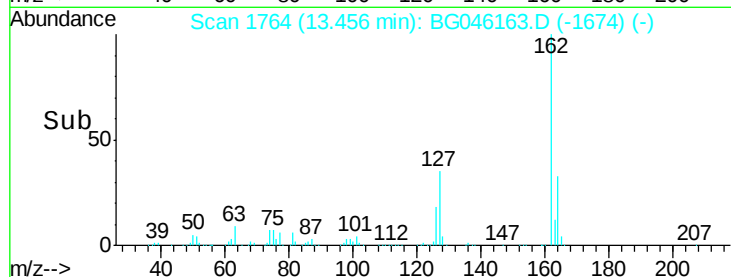
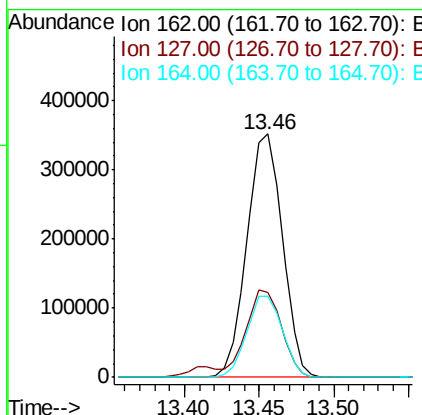
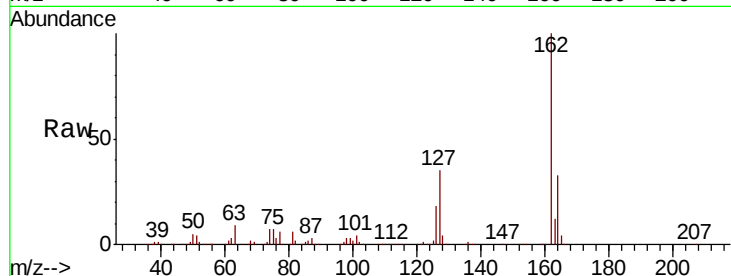




#47
2-Chloronaphthalene
Concen: 37.360 ng
RT: 13.46 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

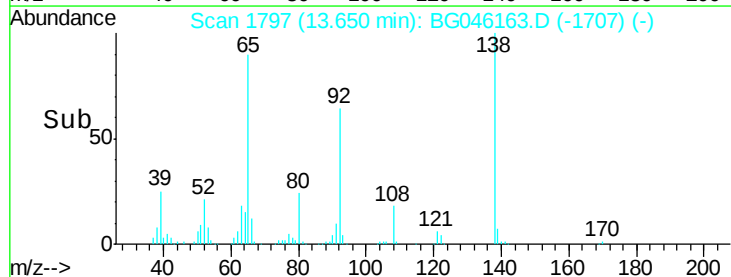
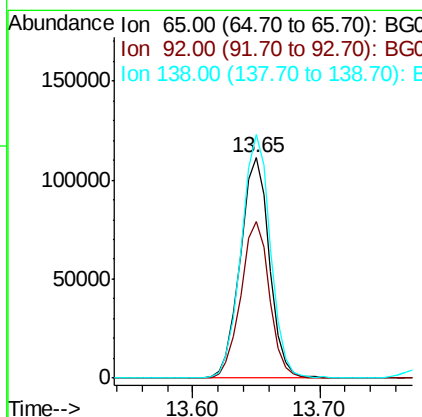
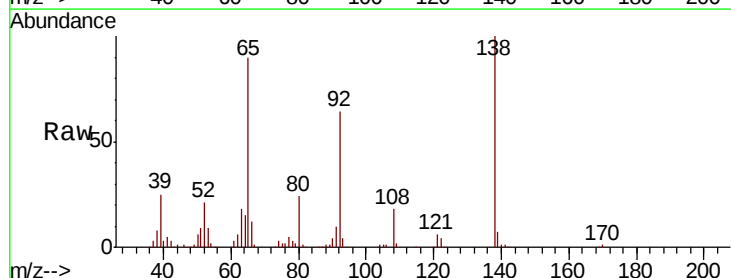
Instrument :
BNA_G
ClientSampleId :

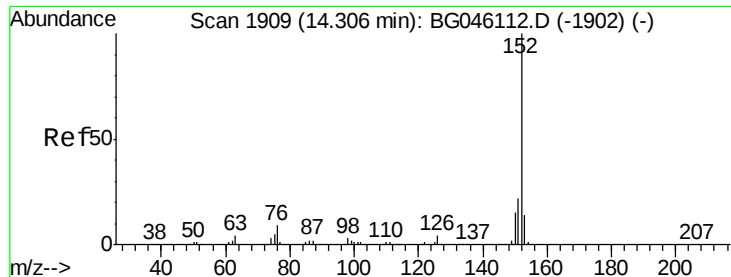
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.0	42.0
164	33.2	26.5	39.7



#48
2-Nitroaniline
Concen: 43.792 ng
RT: 13.65 min Scan# 1797
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.4	86.2
138	110.7	91.1	136.7





#49

Acenaphthylene

Concen: 39.029 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

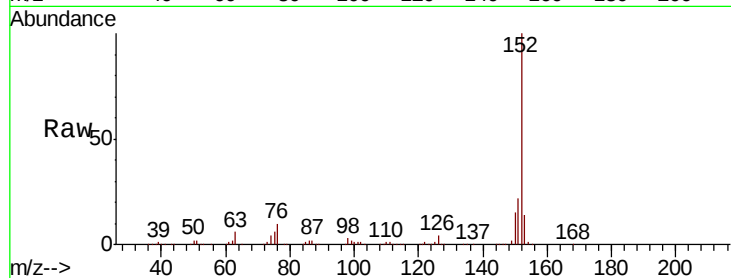
Tot Ion:152 Resp: 939958

Ion Ratio Lower Upper

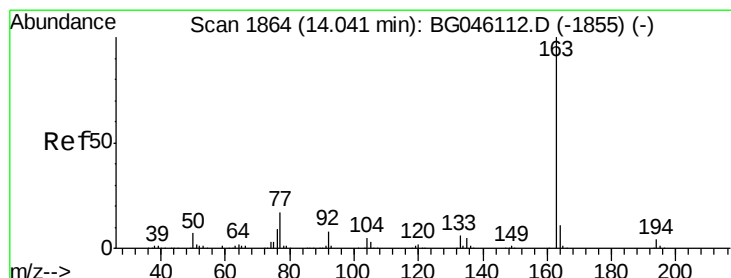
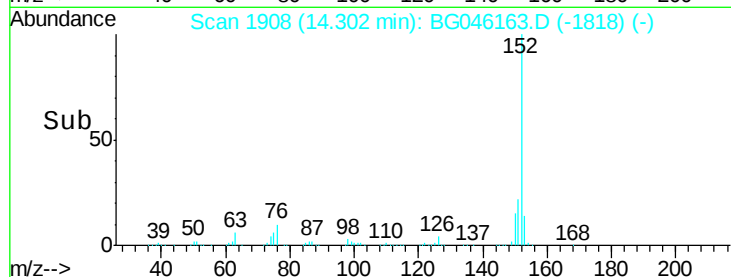
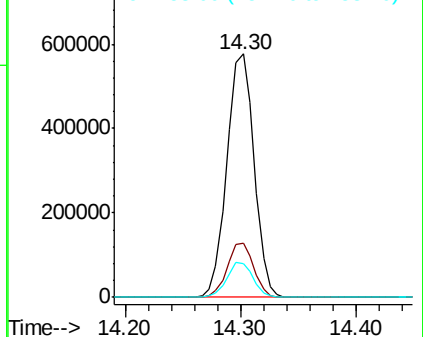
152 100

151 22.0 17.4 26.2

153 14.1 10.9 16.3



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: 39.579 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

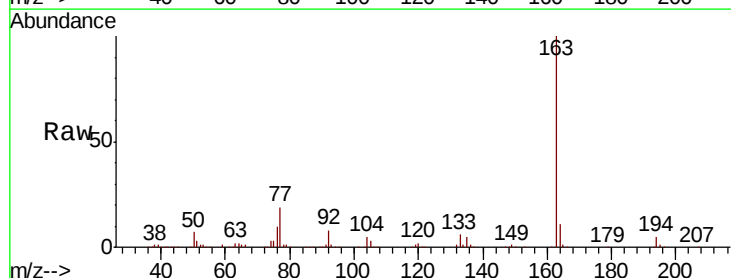
Tgt Ion:163 Resp: 752938

Ion Ratio Lower Upper

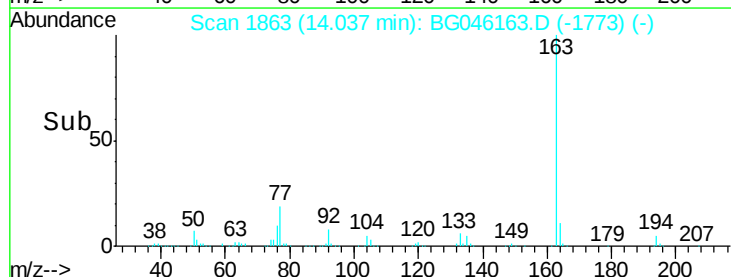
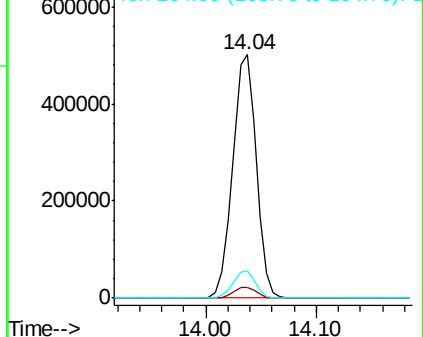
163 100

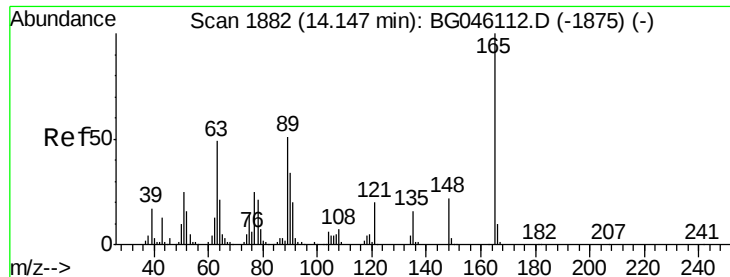
194 4.6 3.5 5.3

164 11.0 8.8 13.2



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

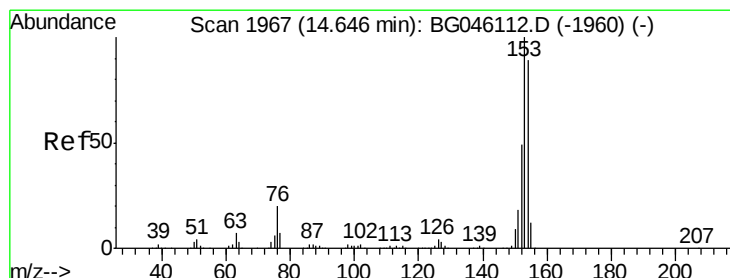
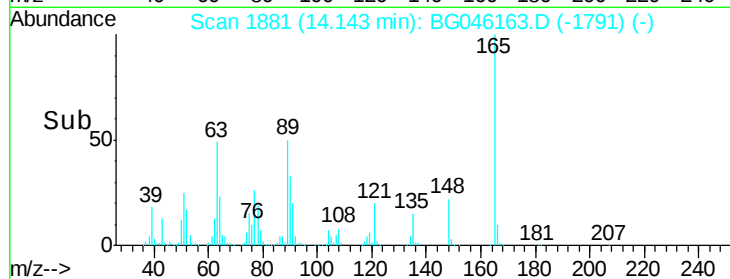
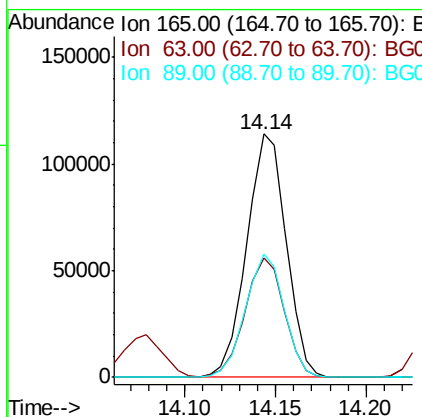
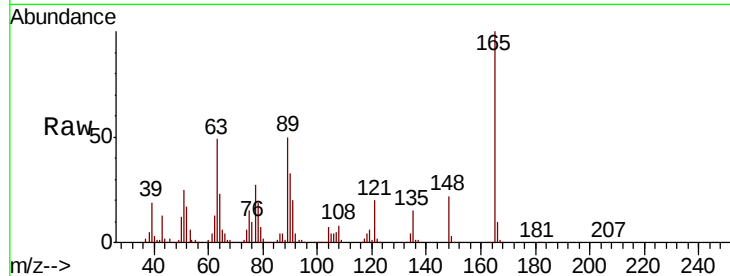




#51
2,6-Dinitrotoluene
Concen: 38.974 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

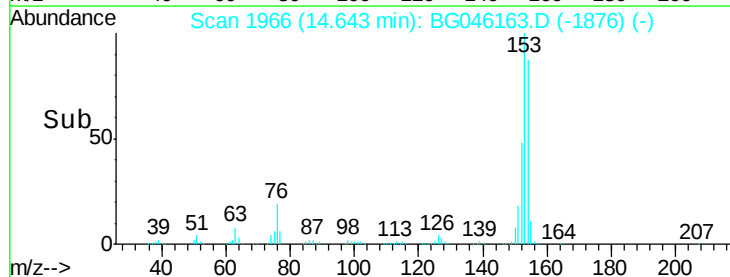
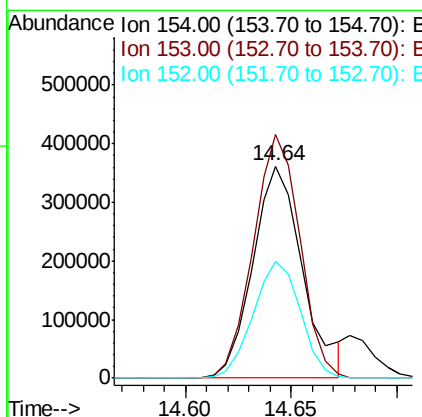
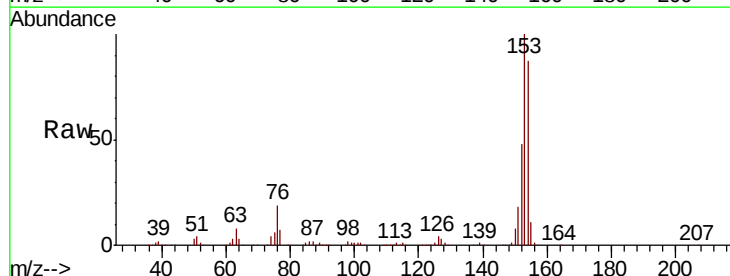
Instrument :
BNA_G
ClientSampleId :

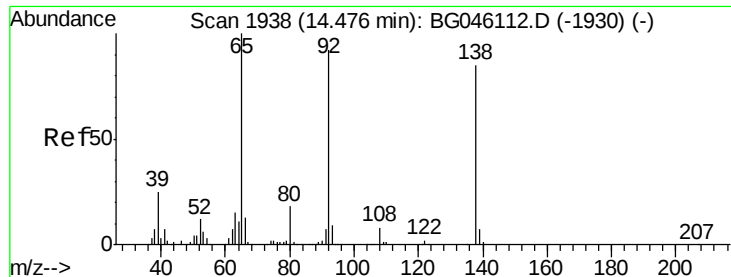
Tot Ion:165 Resp: 172554
Ion Ratio Lower Upper
165 100
63 49.2 39.7 59.5
89 50.4 41.0 61.6



#52
Acenaphthene
Concen: 37.240 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion:154 Resp: 591912
Ion Ratio Lower Upper
154 100
153 115.0 89.8 134.8
152 55.4 44.5 66.7





#53

3-Nitroaniline

Concen: 27.429 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampled :

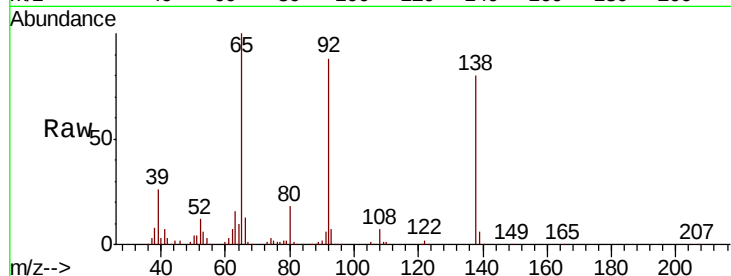
Tot Ion:138 Resp: 120394

Ion Ratio Lower Upper

138 100

108 9.3 7.2 10.8

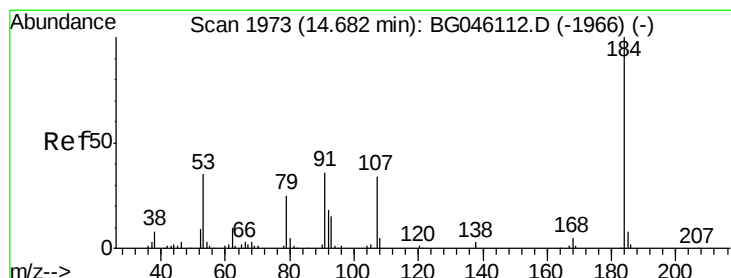
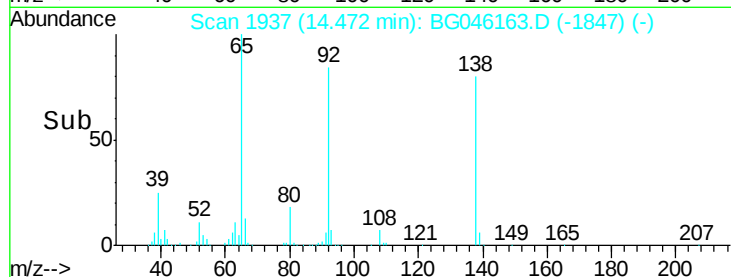
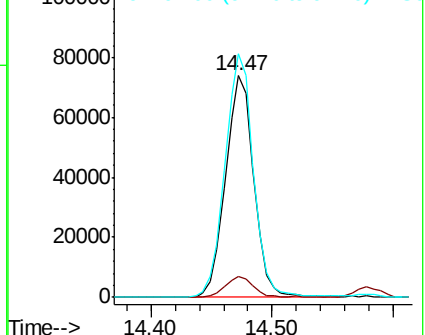
92 109.9 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 71.651 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

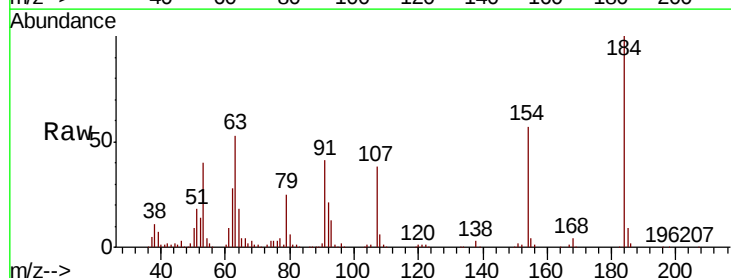
Tgt Ion:184 Resp: 198711

Ion Ratio Lower Upper

184 100

63 52.6 36.7 55.1

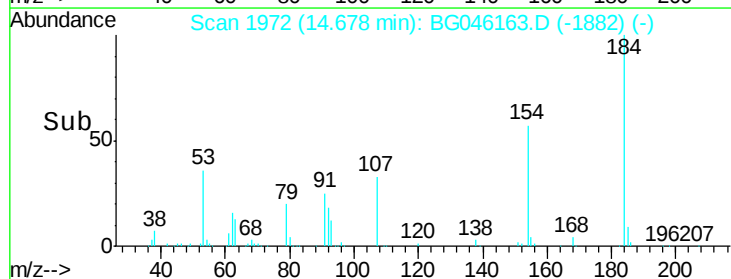
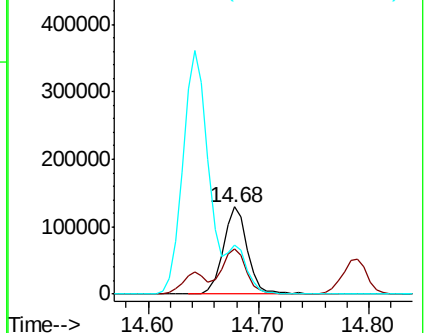
154 56.6 41.3 61.9

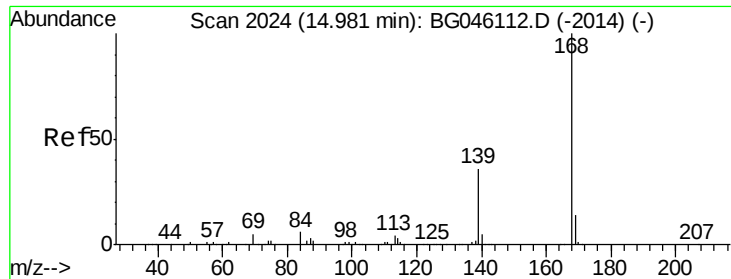


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

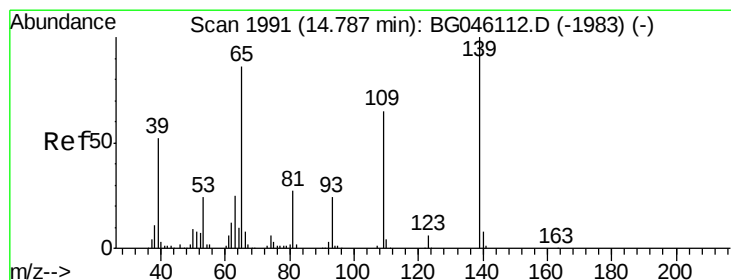
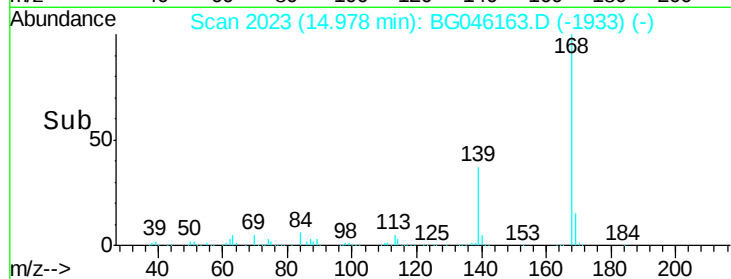
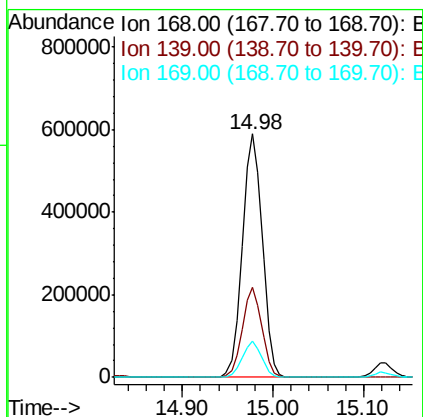
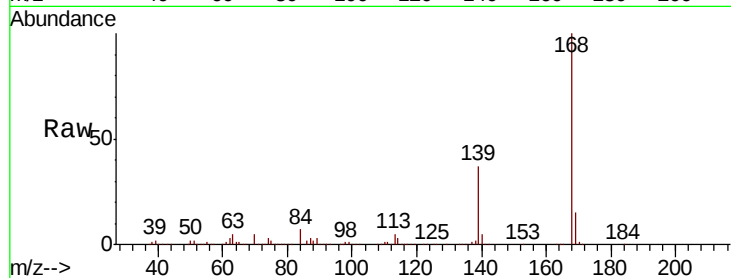




#55
Dibenzofuran
Concen: 37.476 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

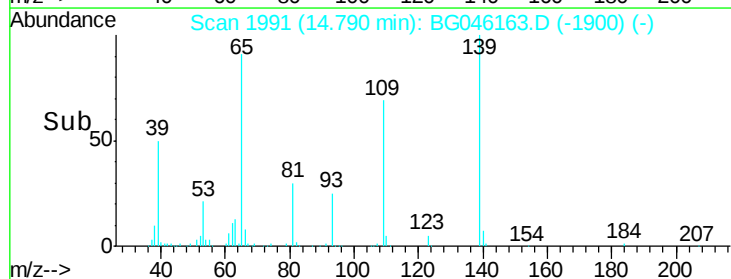
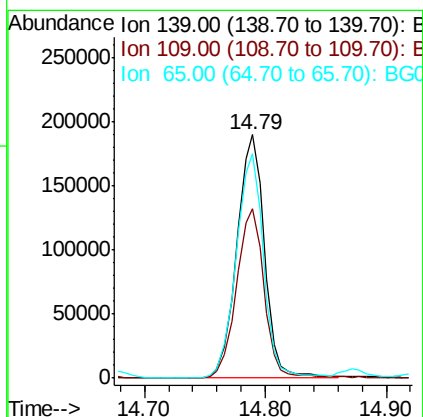
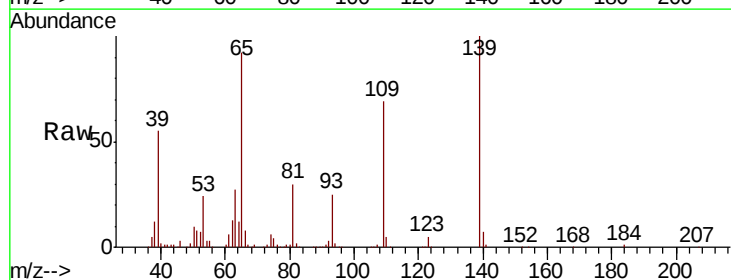
Instrument :
BNA_G
ClientSampleId :

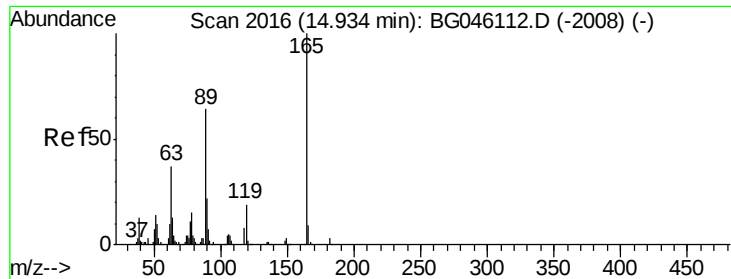
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.0	43.4
169	14.7	11.3	16.9



#56
4-Nitrophenol
Concen: 79.724 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	45.1	85.1
65	92.2	66.4	106.4

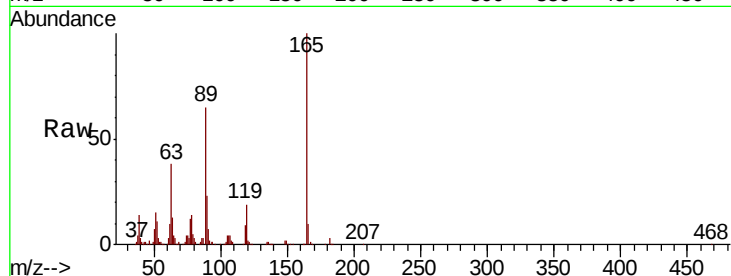




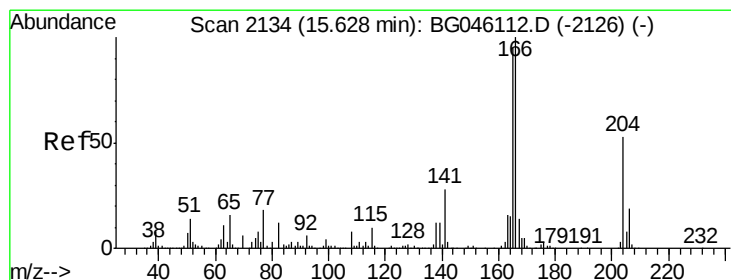
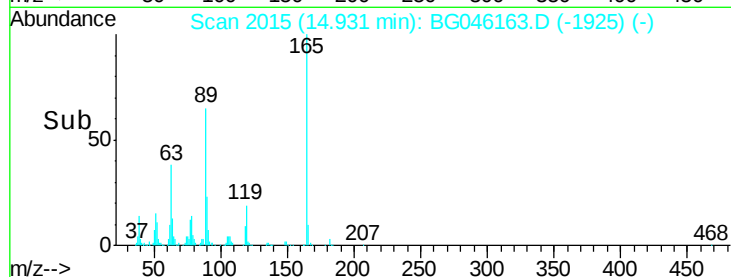
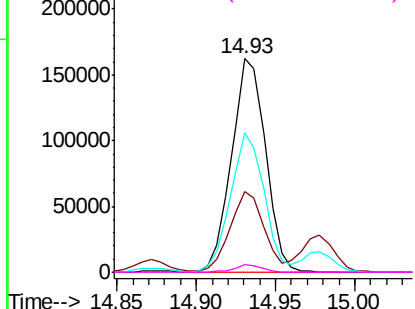
#57
 2,4-Dinitrotoluene
 Concen: 39.760 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	242027
Ion	Ratio	Lower Upper
165	100	
63	38.1	30.1 45.1
89	65.3	51.4 77.2
182	3.3	2.3 3.5

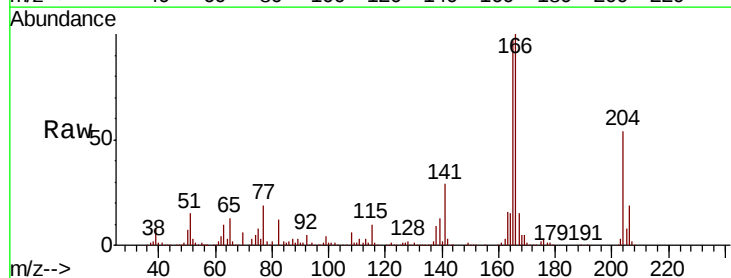


Abundance Ion 165.00 (164.70 to 165.70): E
 250000
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

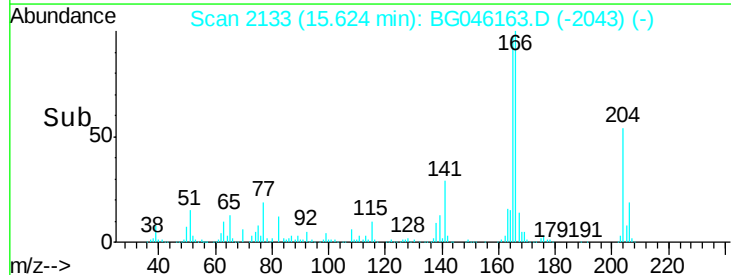
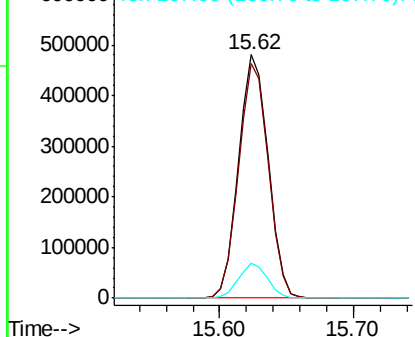


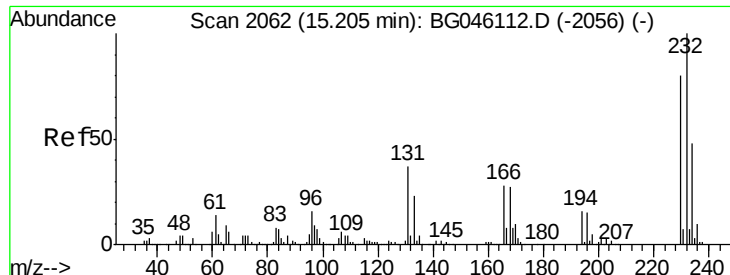
#58
 Fluorene
 Concen: 37.933 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion:166	Resp:	736770
Ion	Ratio	Lower Upper
166	100	
165	96.5	76.3 114.5
167	14.5	11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 600000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

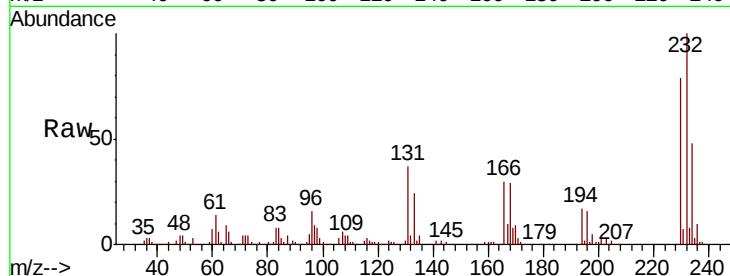




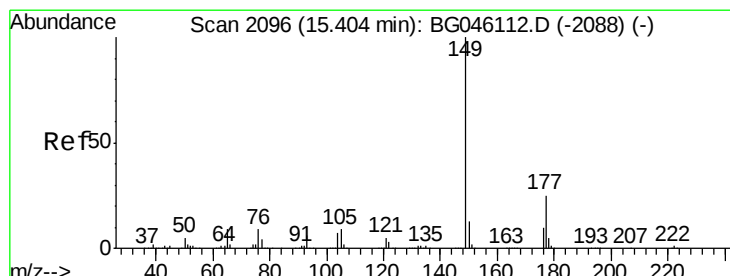
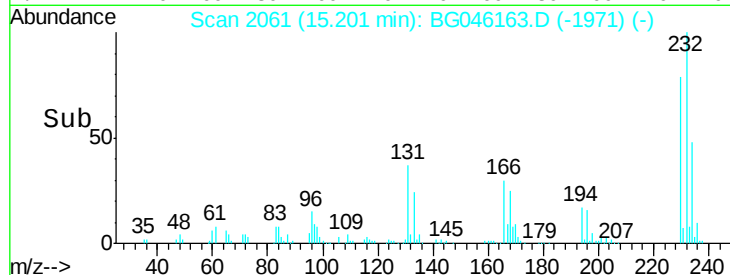
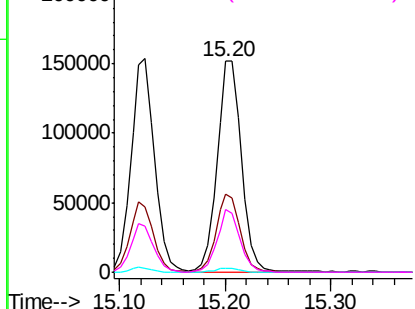
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.532 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	243190
Ion	Ratio	Lower	Upper
232	100		
131	36.8	28.6	42.8
130	2.1	1.6	2.4
166	28.2	22.5	33.7

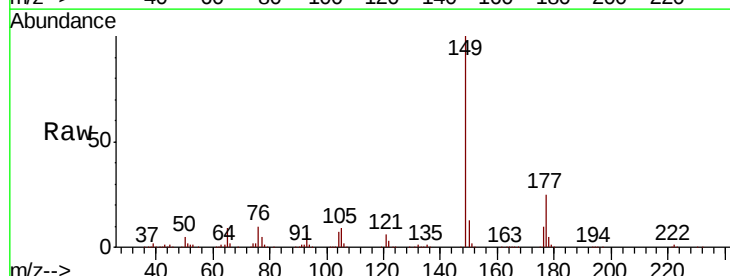


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

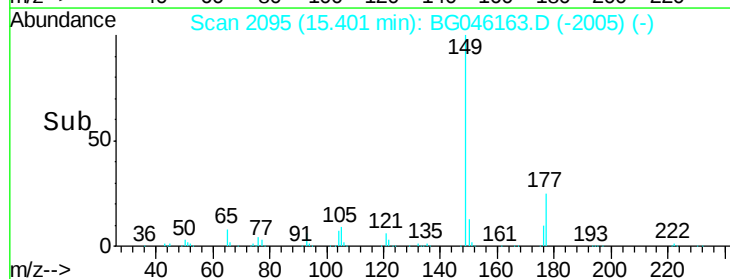
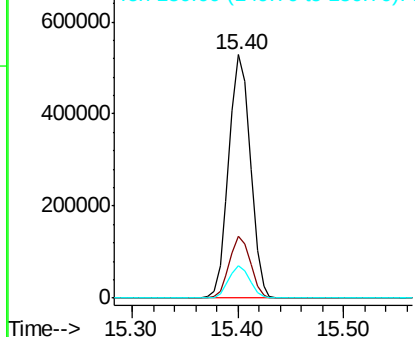


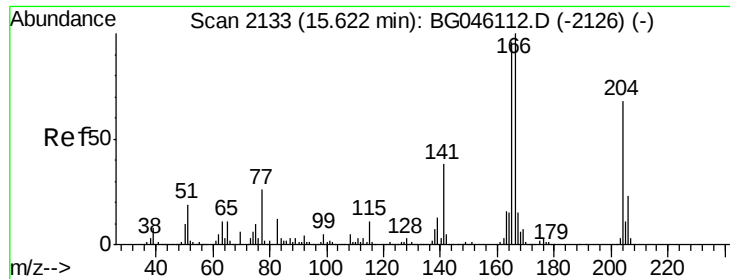
#60
 Diethylphthalate
 Concen: 39.919 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion:	149	Resp:	747042
Ion	Ratio	Lower	Upper
149	100		
177	25.2	19.7	29.5
150	13.4	10.8	16.2



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

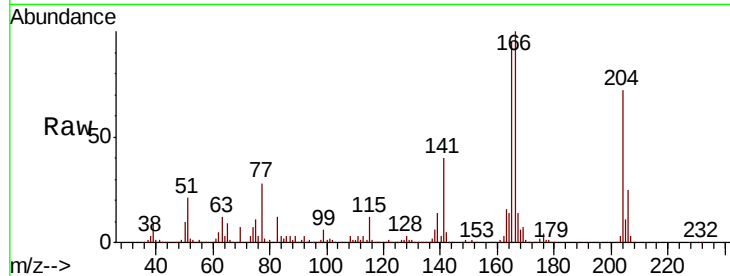




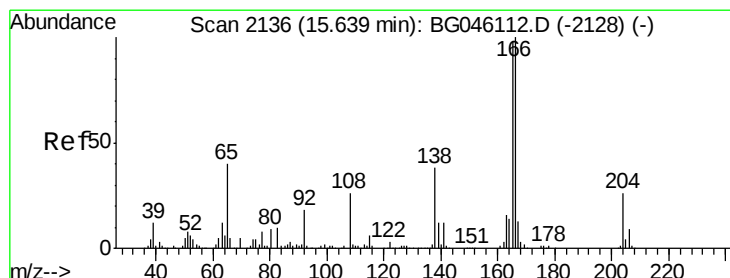
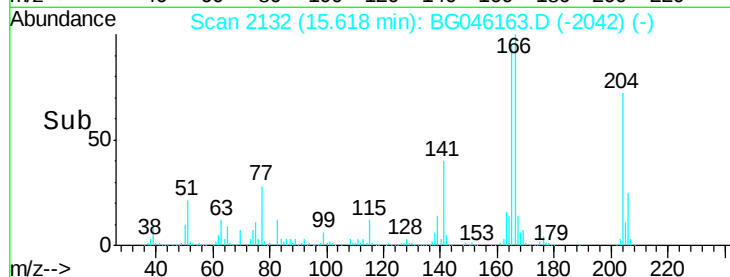
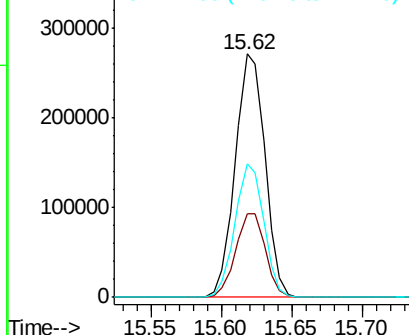
#61
 4-Chlorophenyl-phenylether
 Concen: 39.246 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 398135
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.7 41.5
 141 54.8 44.7 67.1

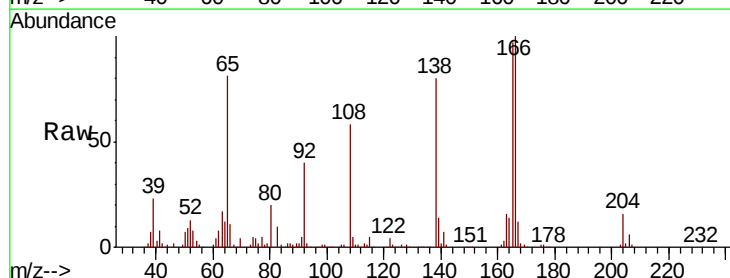


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

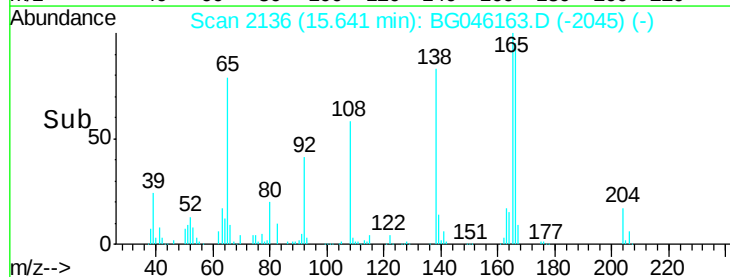
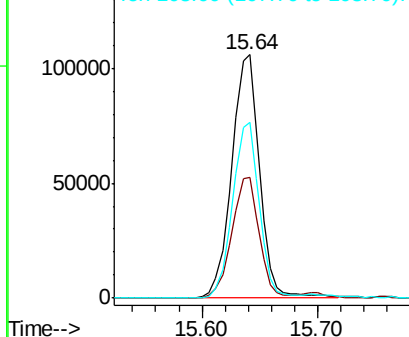


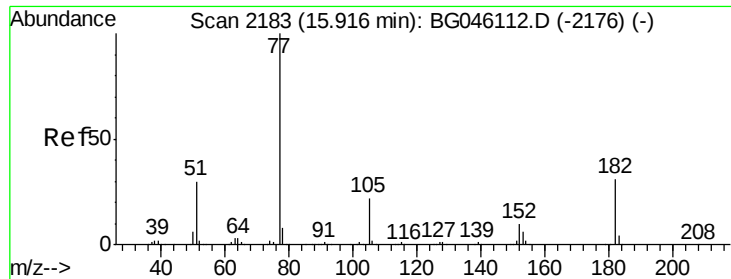
#62
 4-Nitroaniline
 Concen: 40.089 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion:138 Resp: 176967
 Ion Ratio Lower Upper
 138 100
 92 49.7 28.3 68.3
 108 72.1 49.2 89.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

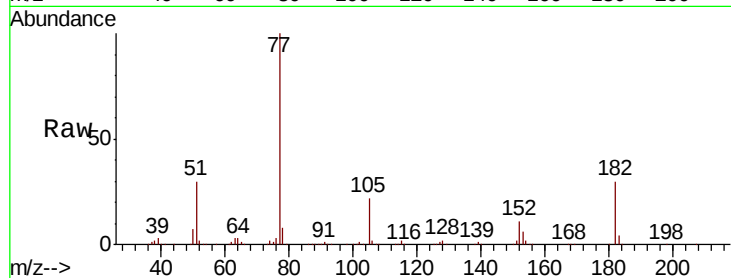




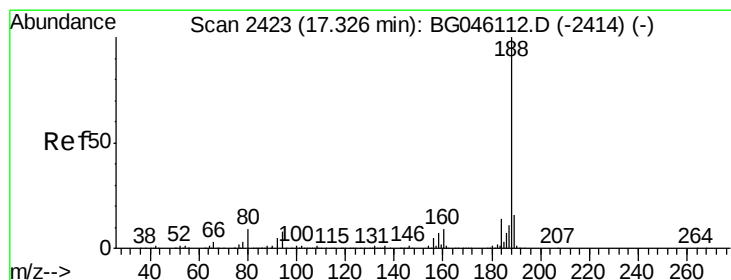
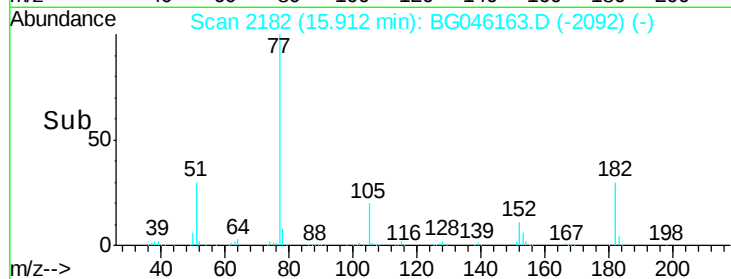
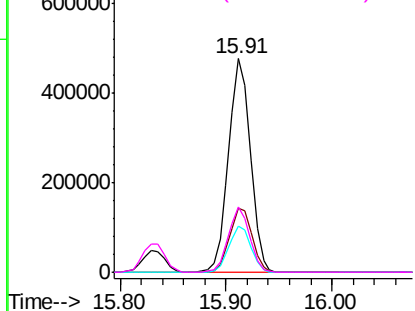
#63
Azobenzene
Concen: 38.744 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	30.2	10.7	50.7
105	105	21.5	1.9	41.9
51	51	30.3	9.5	49.5

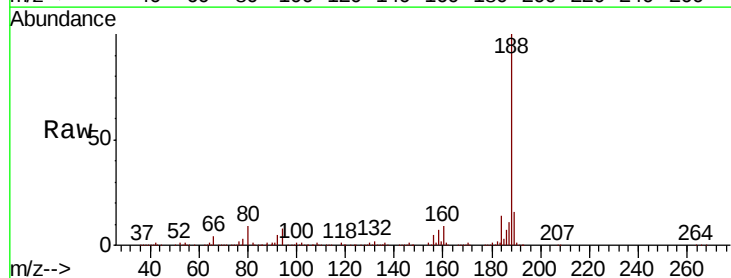


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

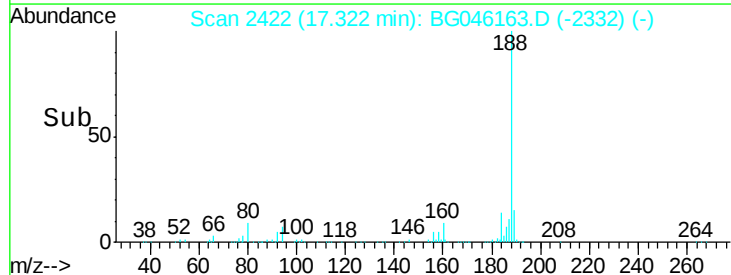
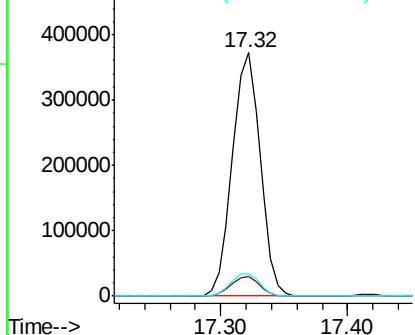


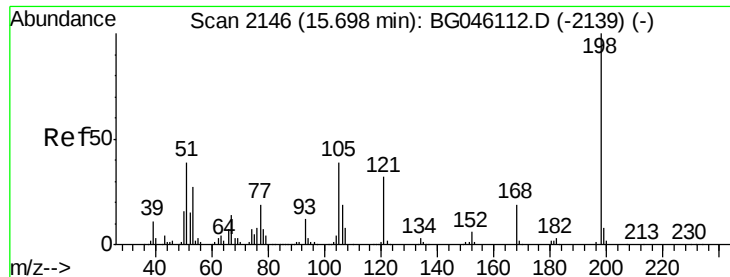
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	8.0	6.4	9.6
80	80	9.0	7.4	11.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 38.211 ng

RT: 15.70 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

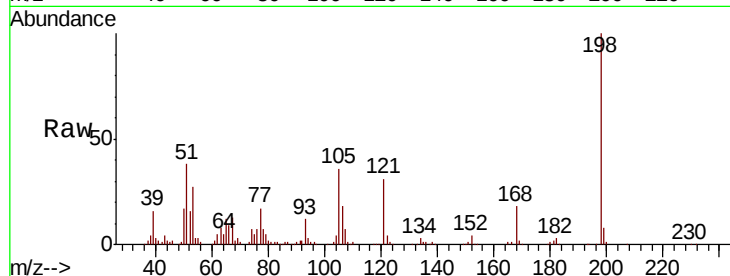
Tot Ion:198 Resp: 143096

Ion Ratio Lower Upper

198 100

51 37.5 20.1 60.1

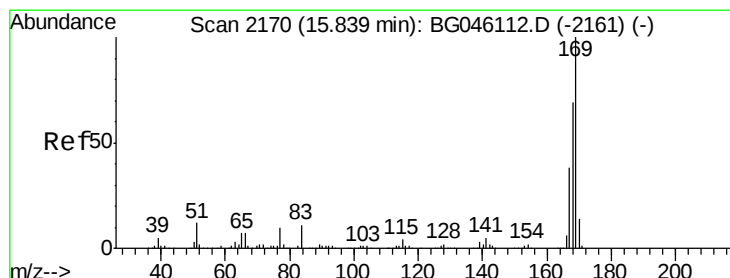
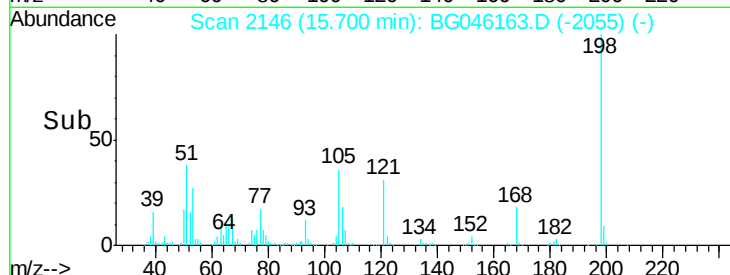
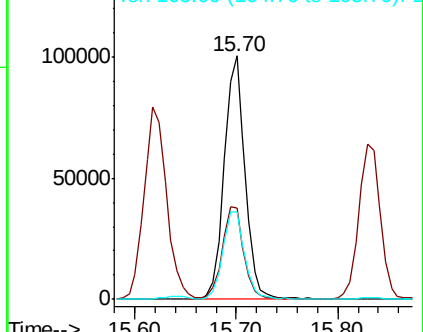
105 36.2 19.2 59.2



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: 39.012 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

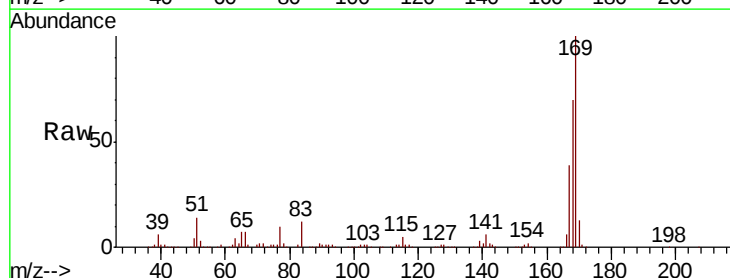
Tgt Ion:169 Resp: 668678

Ion Ratio Lower Upper

169 100

168 70.1 55.1 82.7

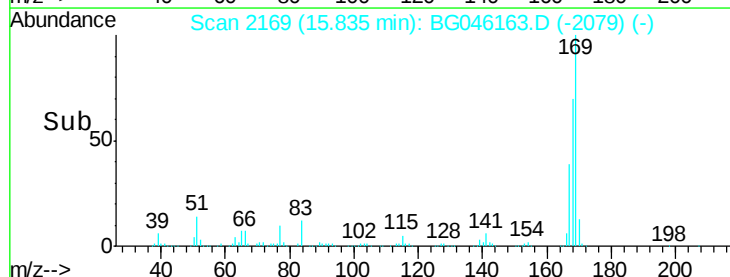
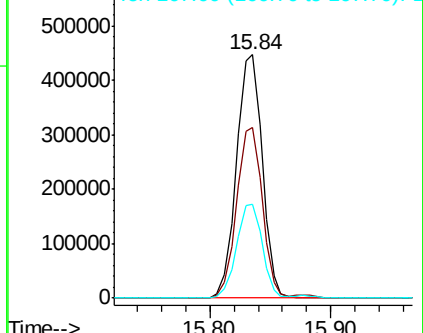
167 38.8 30.5 45.7

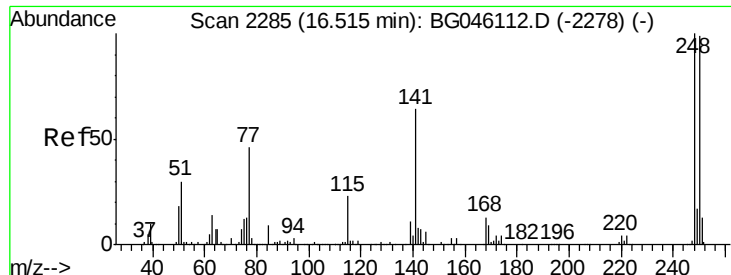


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

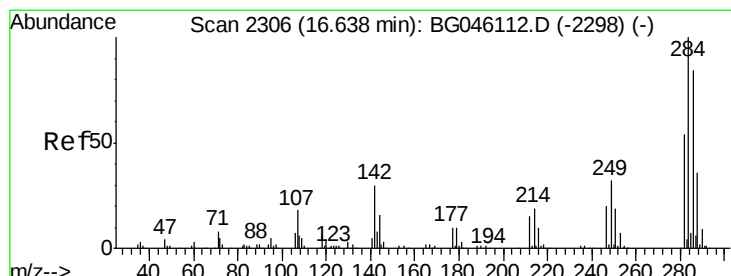
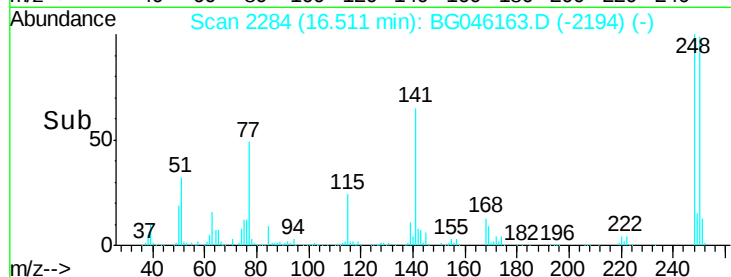
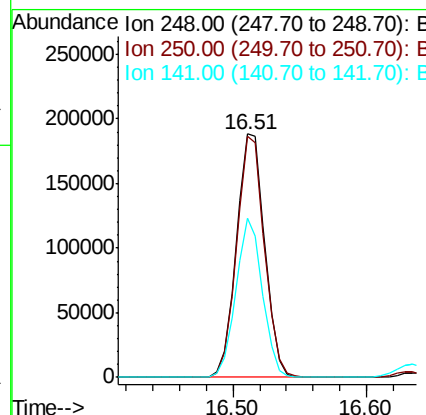
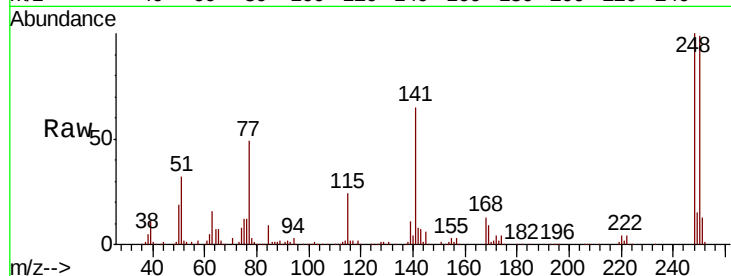




#67
 4-Bromophenyl-phenylether
 Concen: 39.511 ng
 RT: 16.51 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

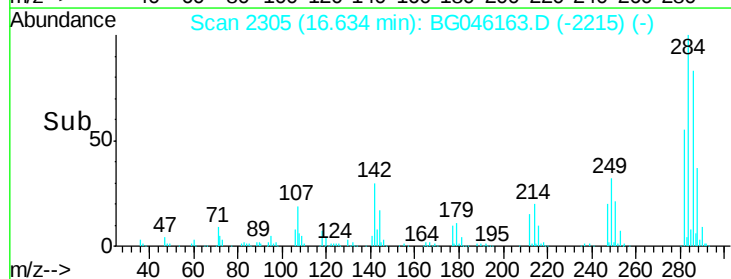
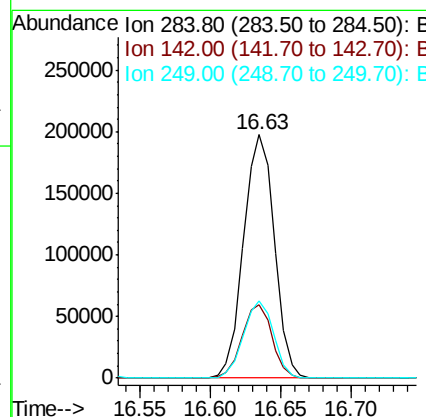
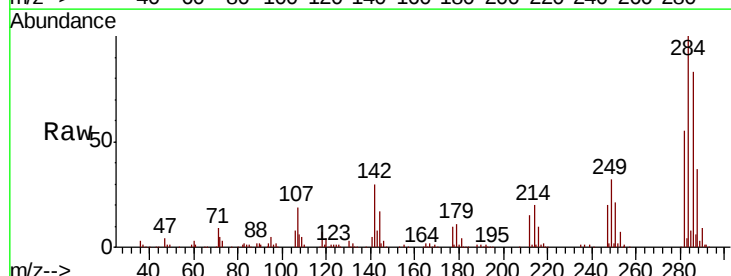
Instrument :
 BNA_G
 ClientSampled :

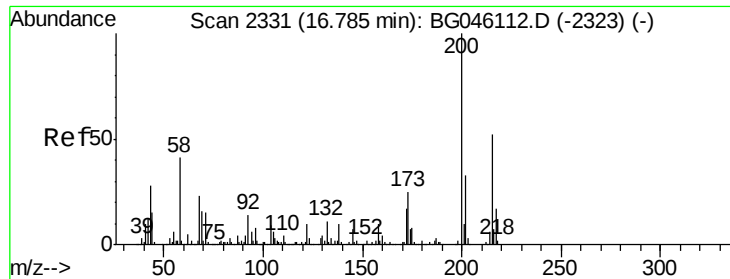
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.4	119.0
141	65.4	50.9	76.3



#68
 Hexachlorobenzene
 Concen: 38.457 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.6	35.4
249	31.6	25.3	37.9

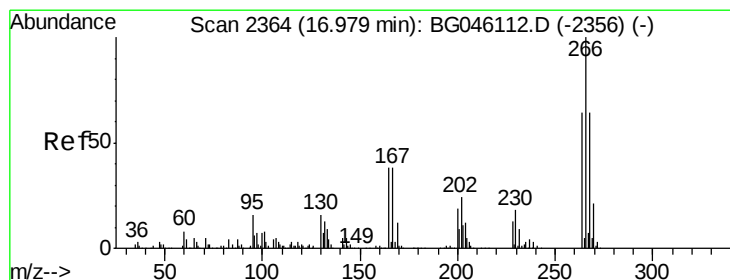
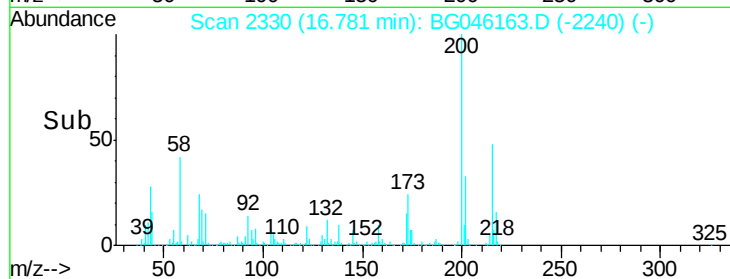
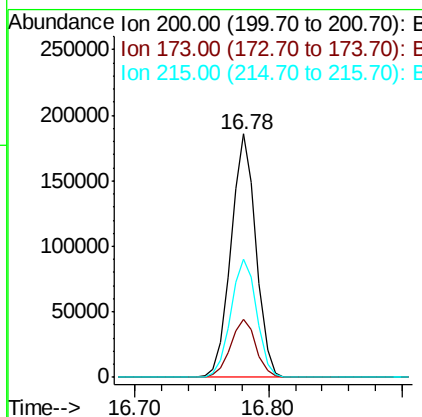
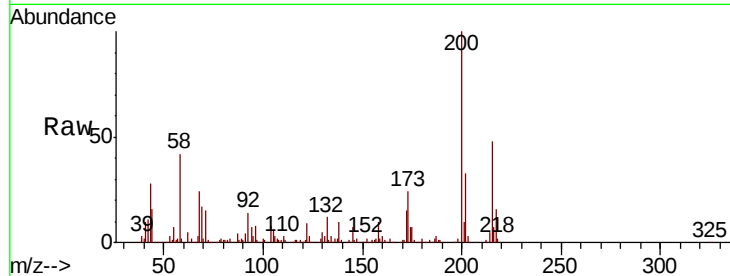




#69
 Atrazine
 Concen: 36.723 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

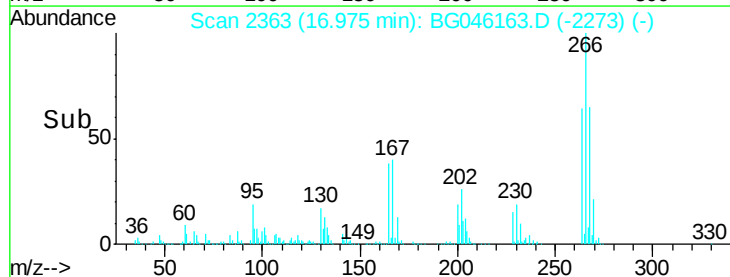
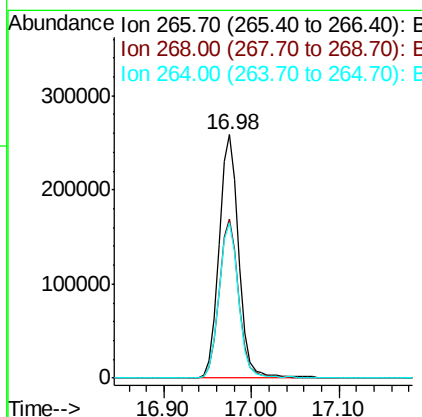
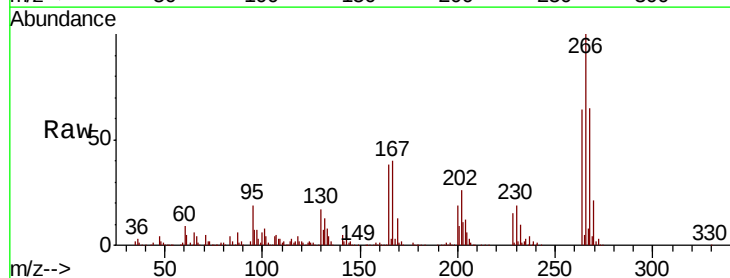
Instrument :
 BNA_G
 ClientSampleId :

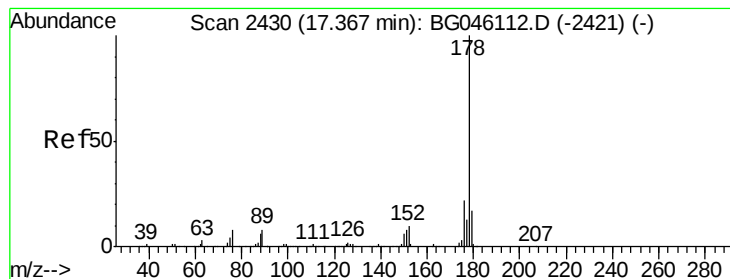
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	5.3	45.3
215	48.3	31.5	71.5



#70
 Pentachlorophenol
 Concen: 79.431 ng
 RT: 16.98 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.2	76.8
264	63.7	51.1	76.7





#71

Phenanthrene

Concen: 38.443 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

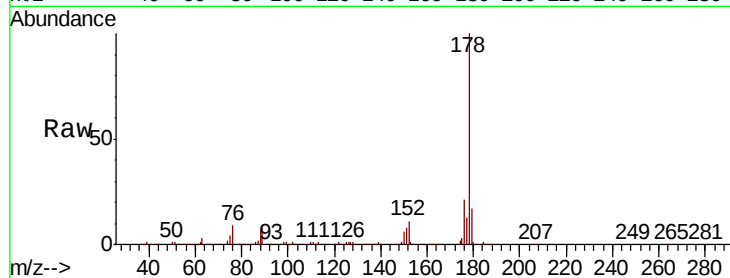
Tot Ion:178 Resp: 1192418

Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.3	25.9
179	17.3	13.8	20.6

178 100

176 21.5 17.3 25.9

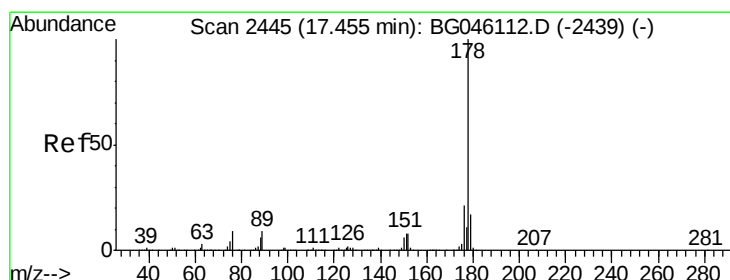
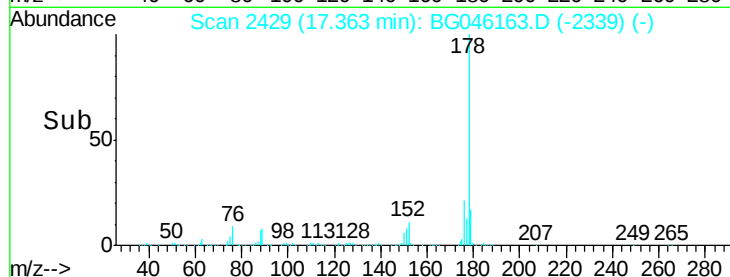
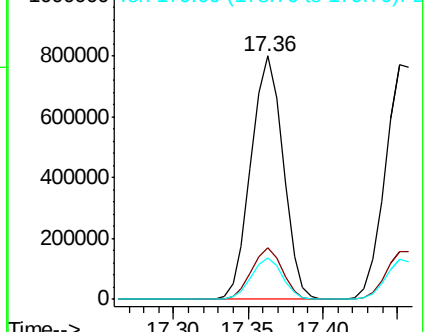
179 17.3 13.8 20.6



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: 40.044 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

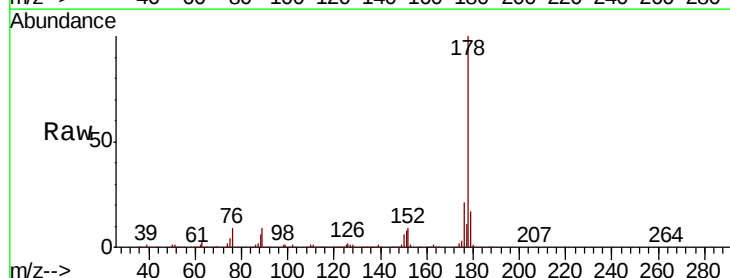
Tgt Ion:178 Resp: 1235473

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	24.8
179	17.3	13.4	20.2

178 100

176 20.6 16.6 24.8

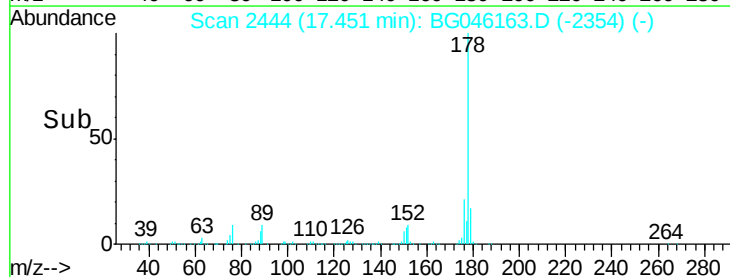
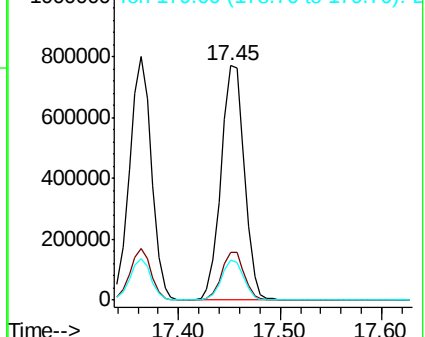
179 17.3 13.4 20.2

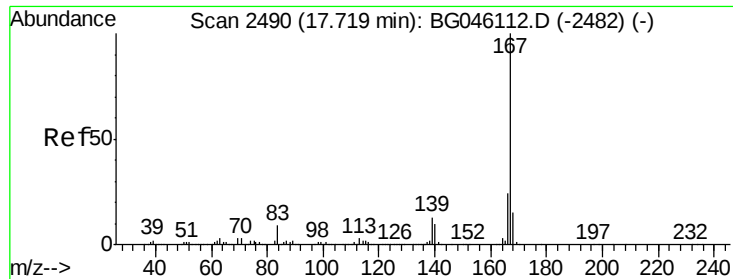


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.171 ng

RT: 17.72 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

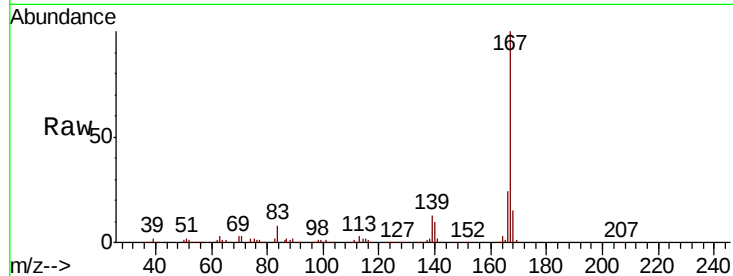
Tot Ion:167 Resp: 1135602

Ion Ratio Lower Upper

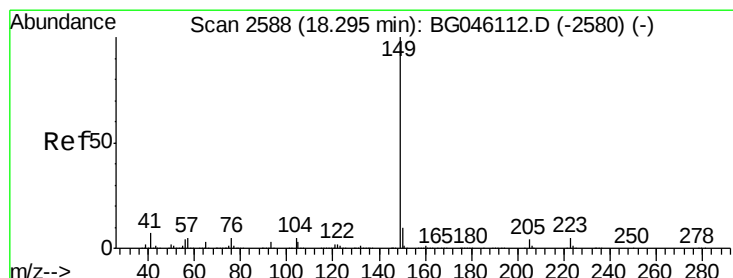
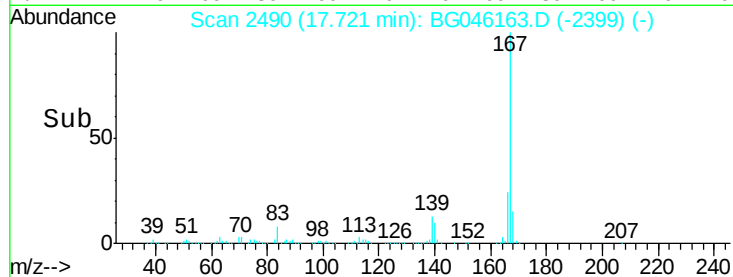
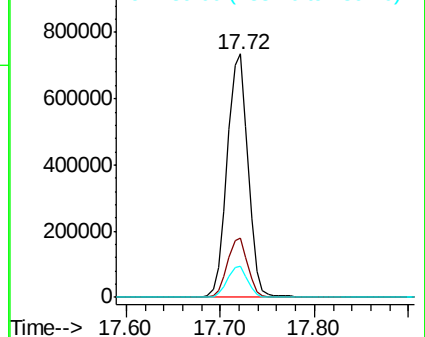
167 100

166 24.2 19.4 29.0

139 12.9 10.1 15.1



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



#74

Di-n-butylphthalate

Concen: 41.346 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

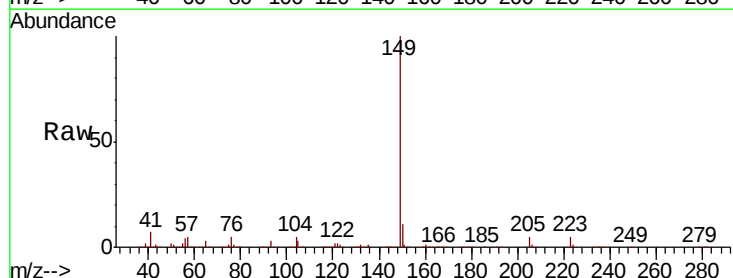
Tgt Ion:149 Resp: 1285760

Ion Ratio Lower Upper

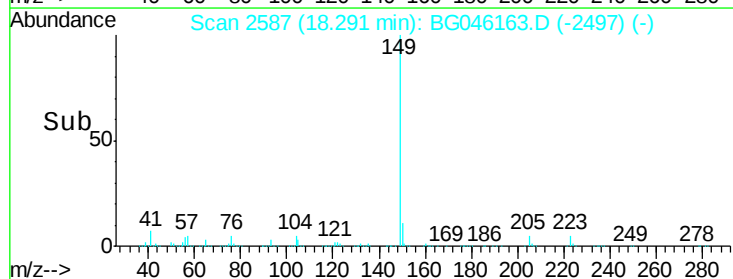
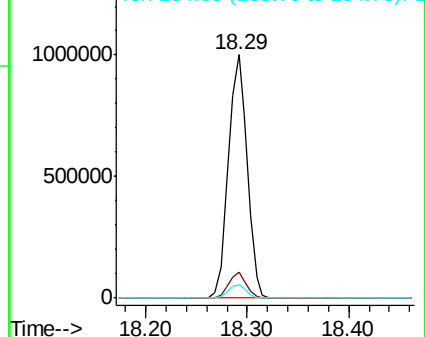
149 100

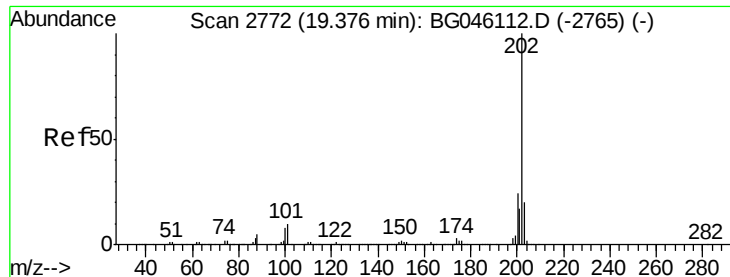
150 10.6 8.4 12.6

104 5.5 4.2 6.2



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





#75

Fluoranthene

Concen: 38.807 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

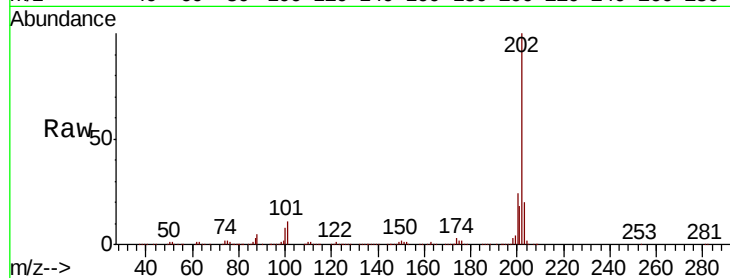
Tot Ion:202 Resp: 1502806

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.0

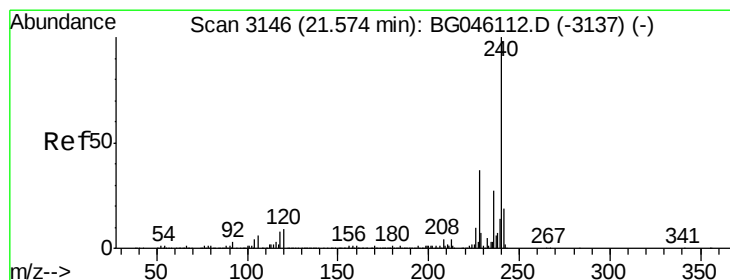
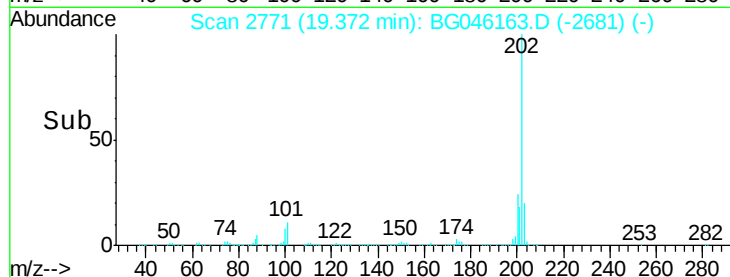
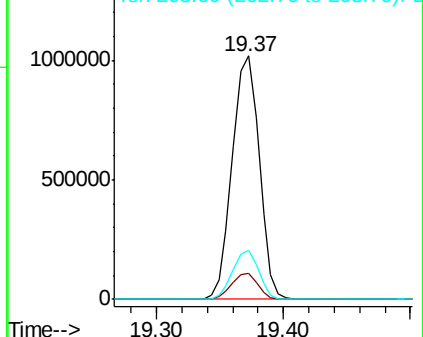
203 20.0 0.2 40.2



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: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

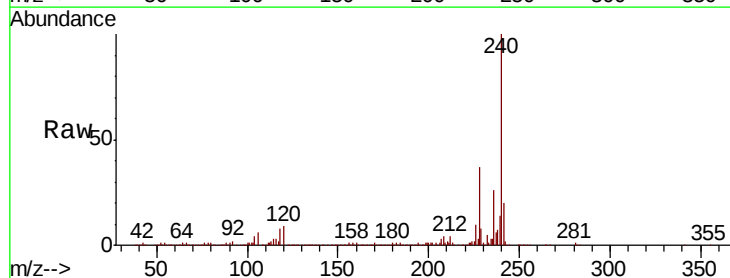
Tgt Ion:240 Resp: 585409

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

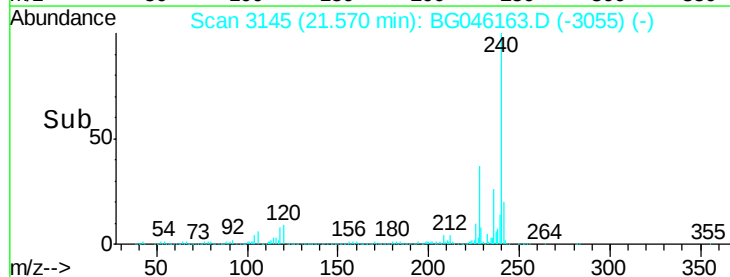
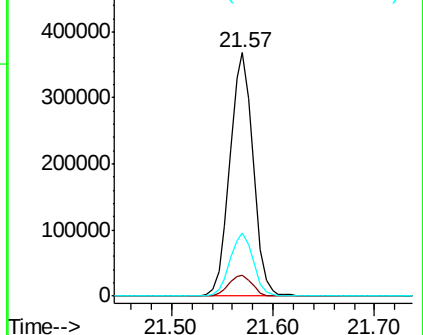
236 25.8 21.7 32.5

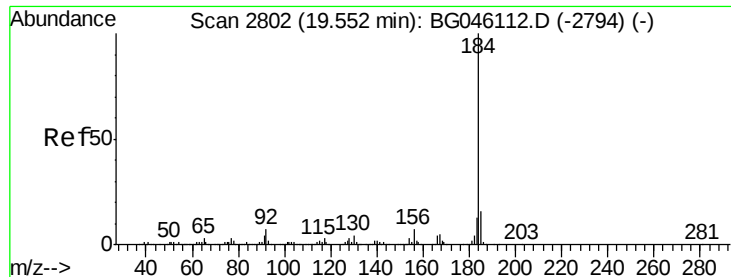


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.383 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

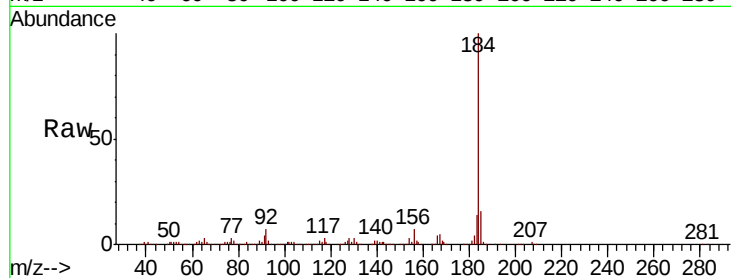
Tot Ion:184 Resp: 702804

Ion Ratio Lower Upper

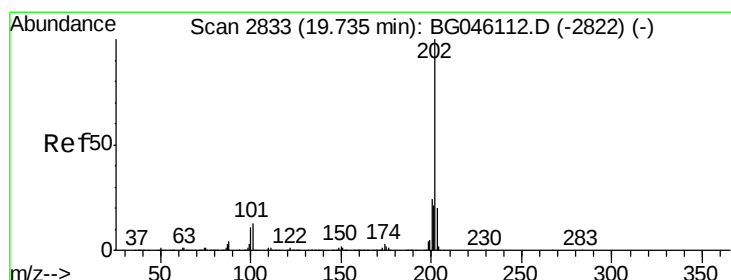
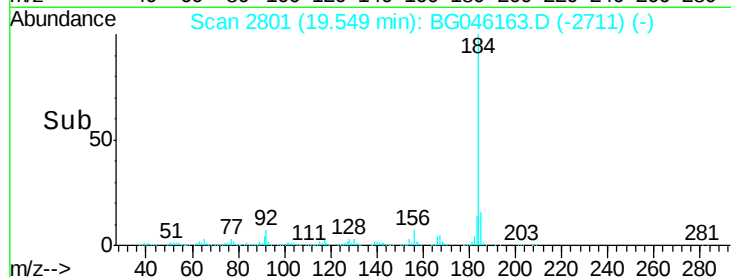
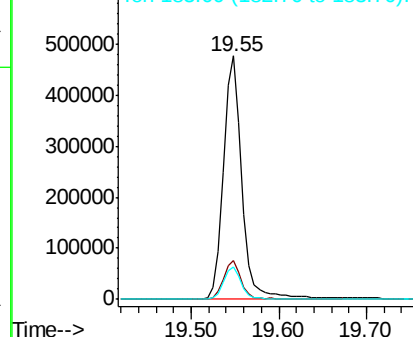
184 100

185 15.9 13.0 19.4

183 13.5 10.5 15.7



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: 38.465 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

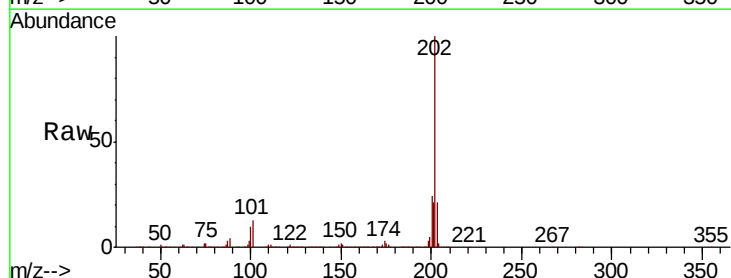
Tgt Ion:202 Resp: 1512974

Ion Ratio Lower Upper

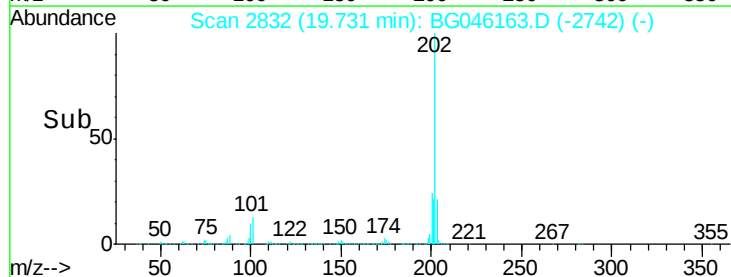
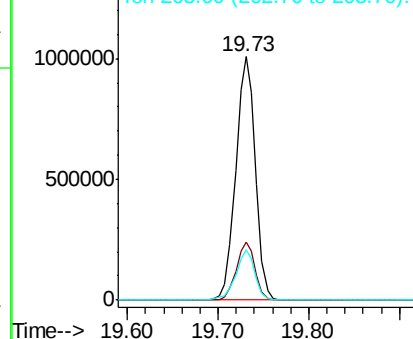
202 100

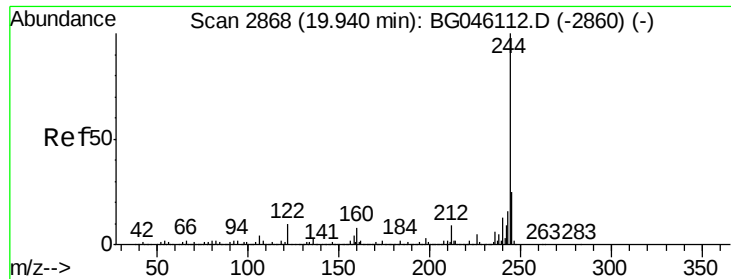
200 23.9 19.5 29.3

203 20.5 16.2 24.2



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: 64.730 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

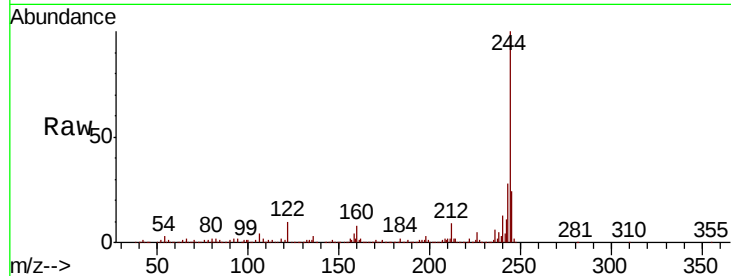
Tot Ion:244 Resp: 1860610

Ion Ratio Lower Upper

244 100

212 8.9 7.2 10.8

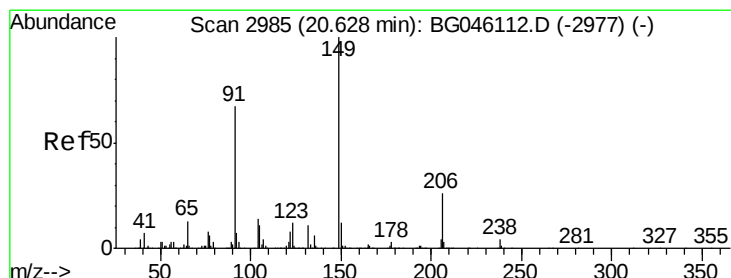
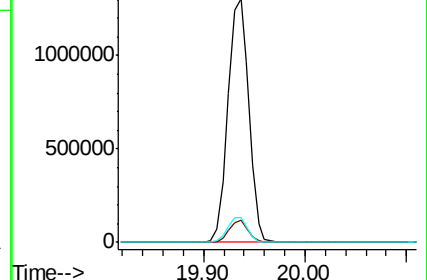
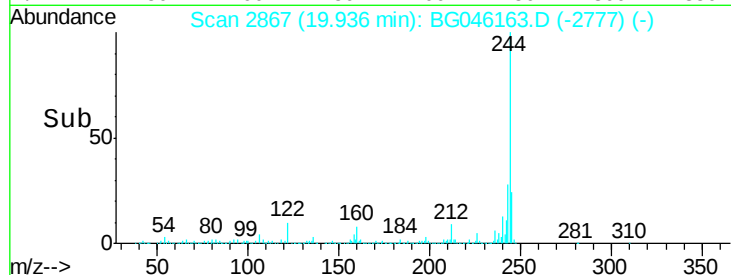
122 10.4 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.434 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

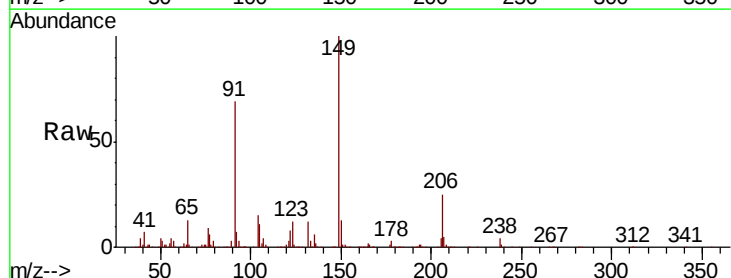
Tgt Ion:149 Resp: 590370

Ion Ratio Lower Upper

149 100

91 69.3 53.8 80.8

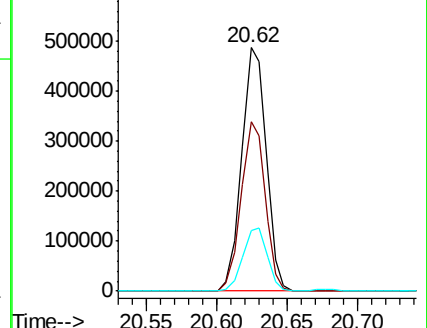
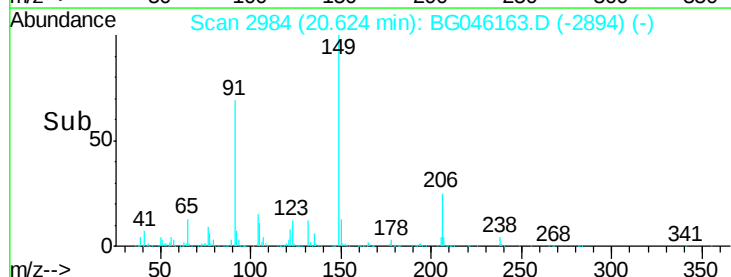
206 24.9 20.4 30.6

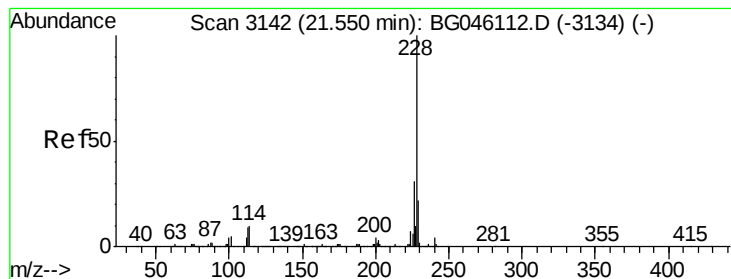


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.125 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampled :

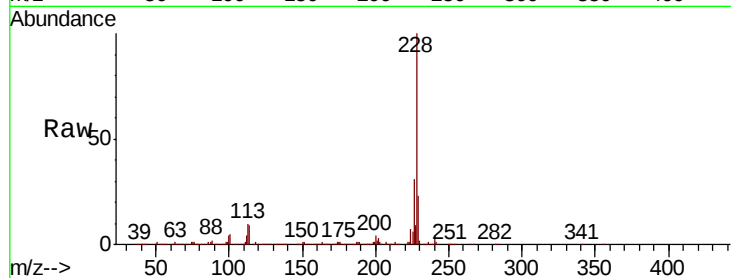
Tot Ion:228 Resp: 1493581

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	22.5	17.8	26.8

228 100

226 30.8 24.7 37.1

229 22.5 17.8 26.8

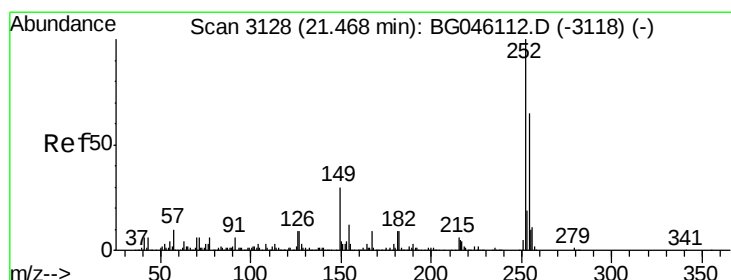
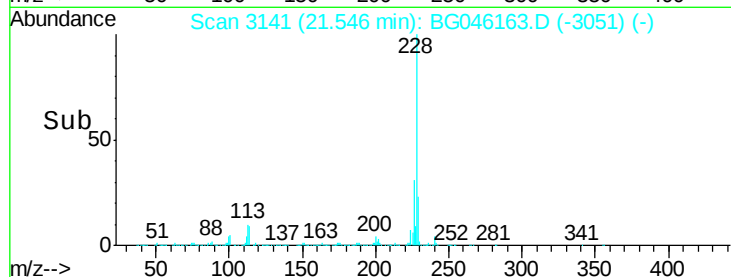
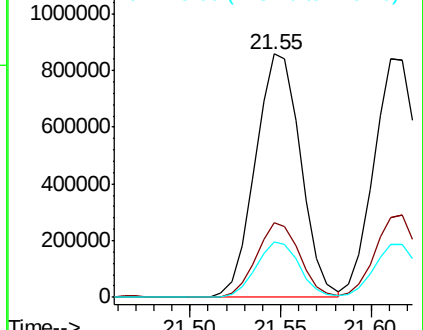


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.135 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

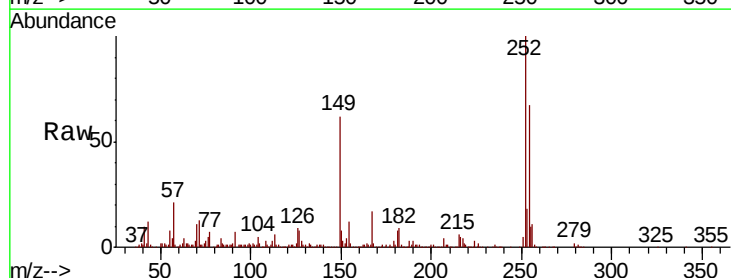
Tgt Ion:252 Resp: 408905

Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.8	77.8
126	9.0	7.1	10.7

252 100

254 66.8 51.8 77.8

126 9.0 7.1 10.7

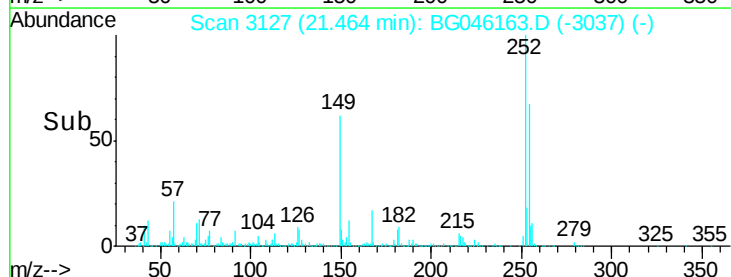
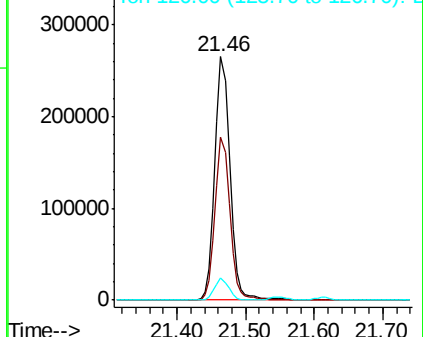


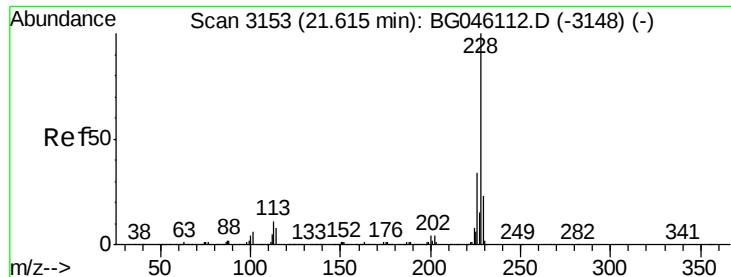
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

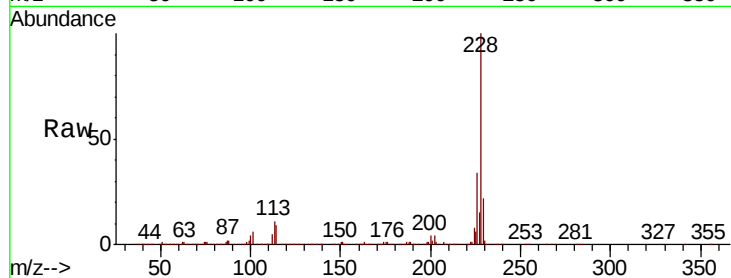




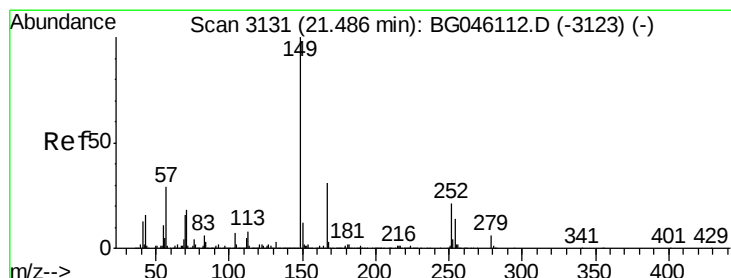
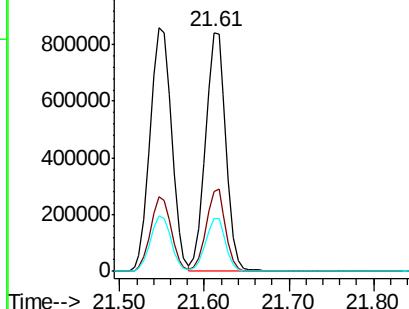
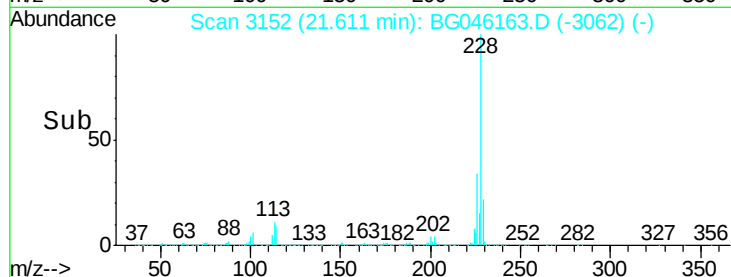
#83
 Chrvsene
 Concen: 37.187 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1427111
 Ion Ratio Lower Upper
 228 100
 226 33.6 26.9 40.3
 229 22.4 18.2 27.4

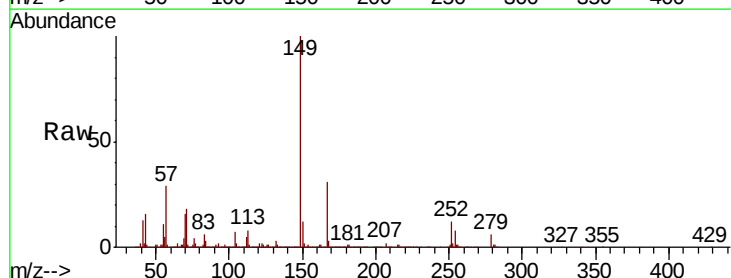


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

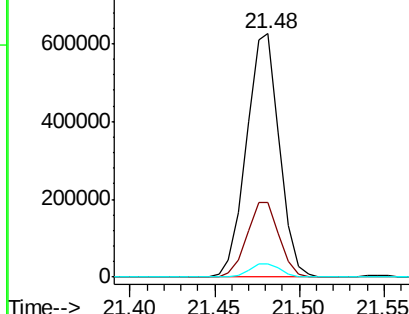
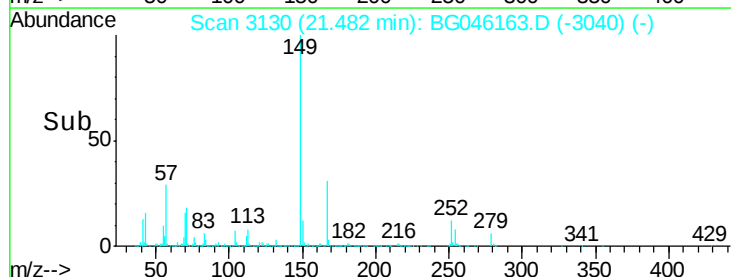


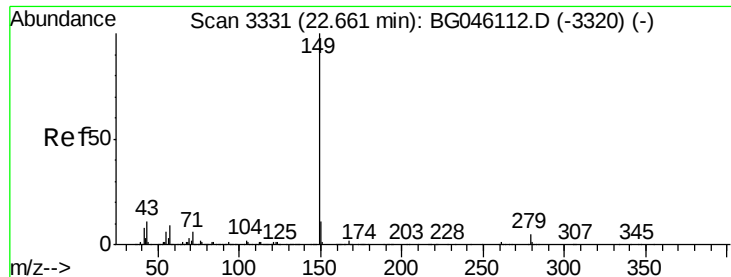
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.420 ng
 RT: 21.48 min Scan# 3130
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion:149 Resp: 843752
 Ion Ratio Lower Upper
 149 100
 167 30.8 24.8 37.2
 279 5.7 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.414 ng

RT: 22.66 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

Instrument :

BNA_G

ClientSampleId :

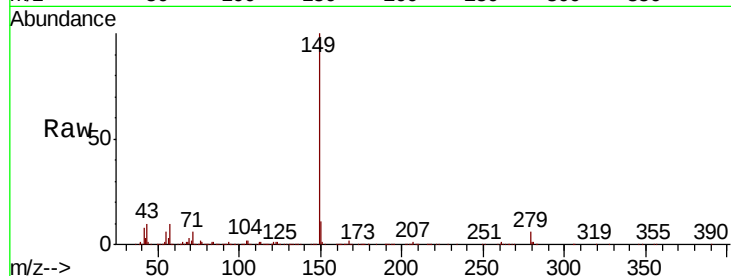
Tot Ion:149 Resp: 1462910

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

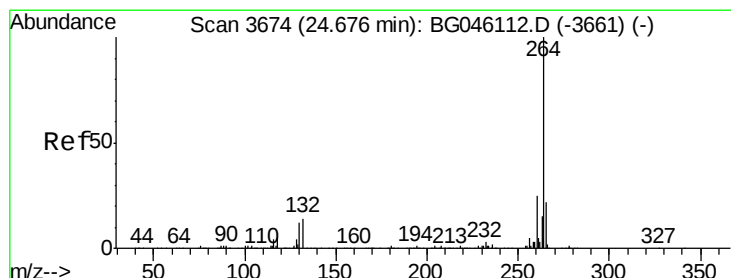
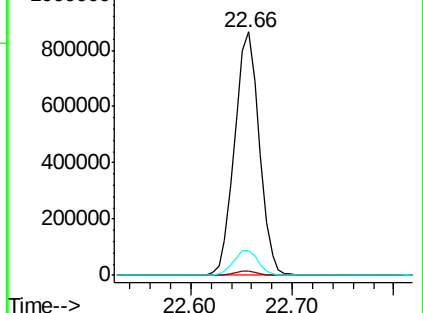
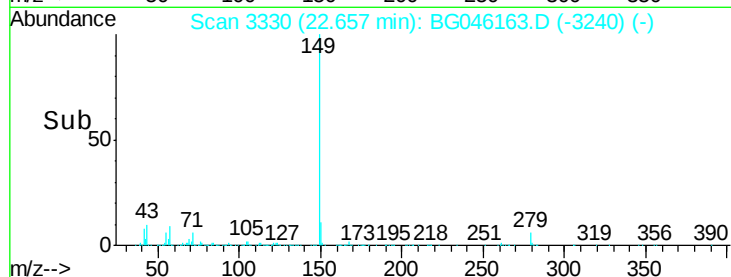
43 10.4 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG046163.D

Acq: 4 Aug 2020 9:20

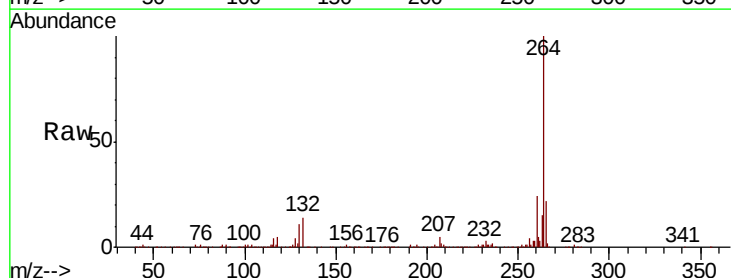
Tgt Ion:264 Resp: 638743

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

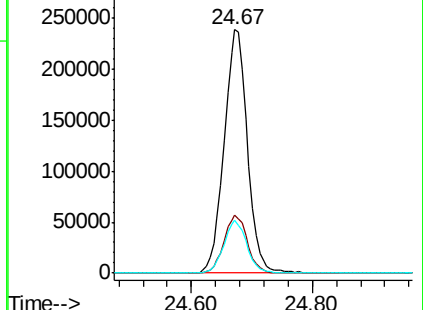
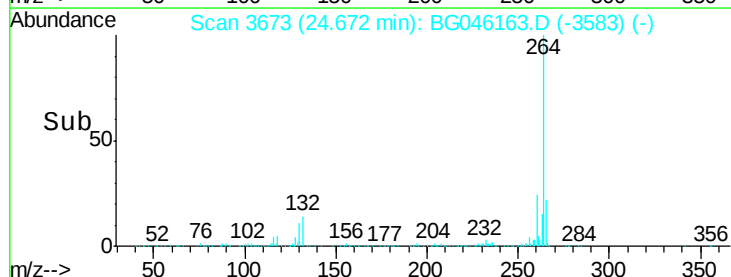
265 22.0 17.6 26.4

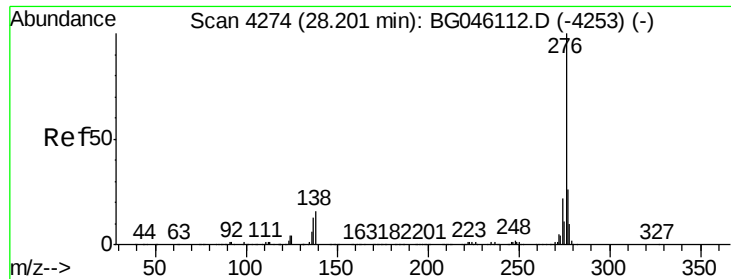


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

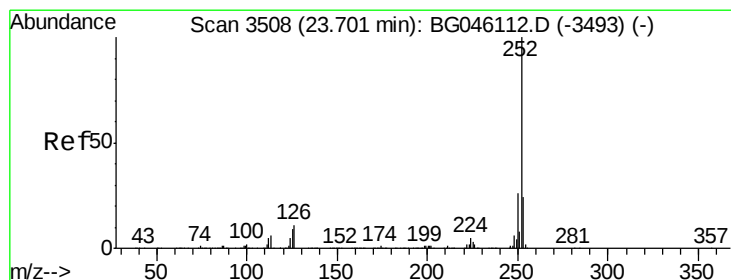
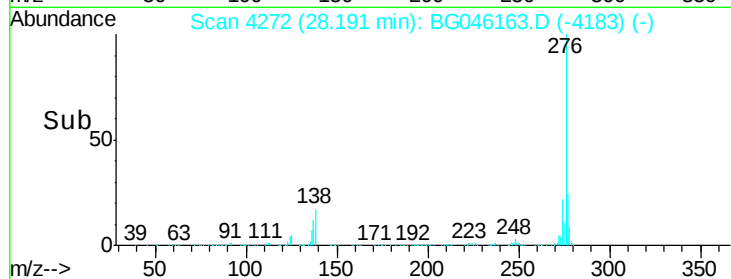
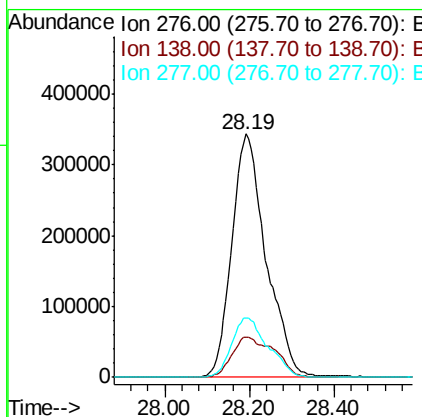
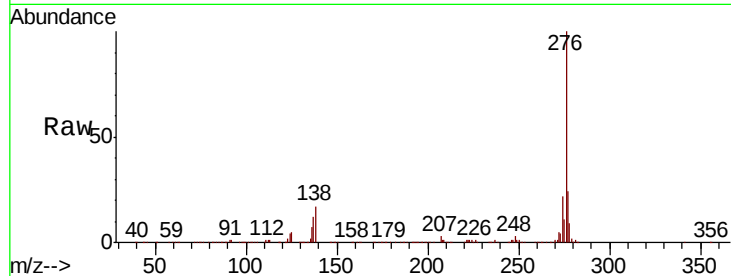




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.538 ng
 RT: 28.19 min Scan# 4272
 Delta R.T. -0.01 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

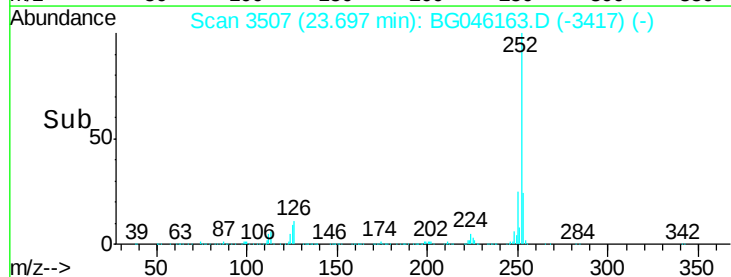
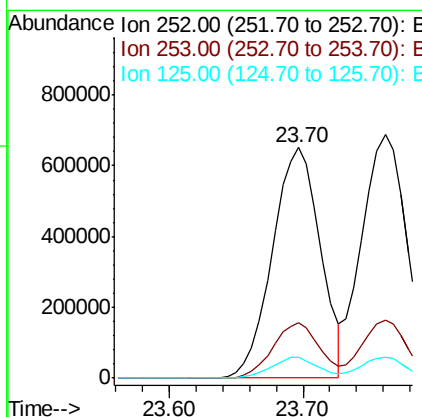
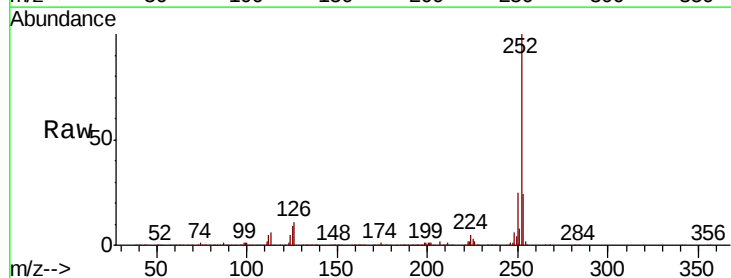
Instrument :
 BNA_G
 ClientSampleId :

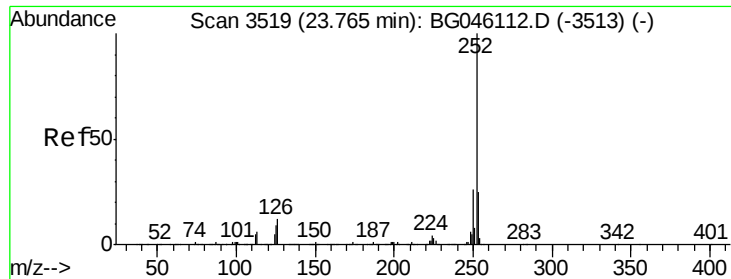
Tot Ion:276 Resp: 1926080
 Ion Ratio Lower Upper
 276 100
 138 20.4 11.6 17.4#
 277 26.0 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 37.847 ng
 RT: 23.70 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: BG046163.D
 Acq: 4 Aug 2020 9:20

Tgt Ion:252 Resp: 1619973
 Ion Ratio Lower Upper
 252 100
 253 24.0 19.2 28.8
 125 9.0 7.2 10.8

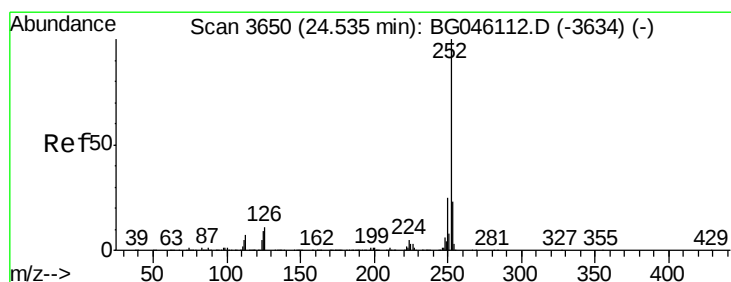
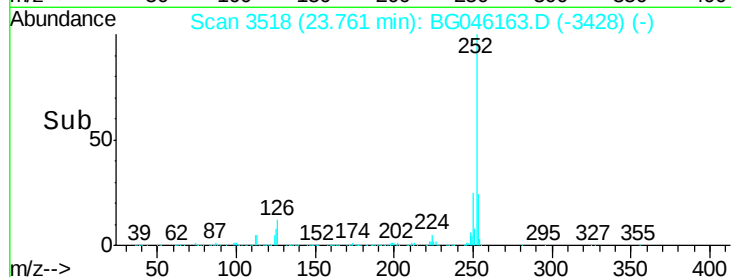
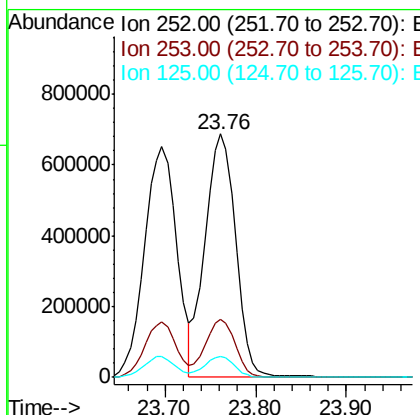
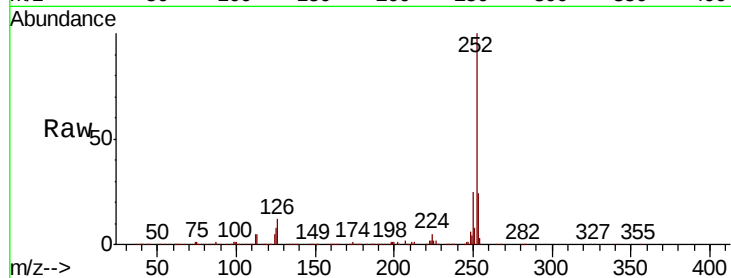




#89
Benzo(k)fluoranthene
Concen: 38.338 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

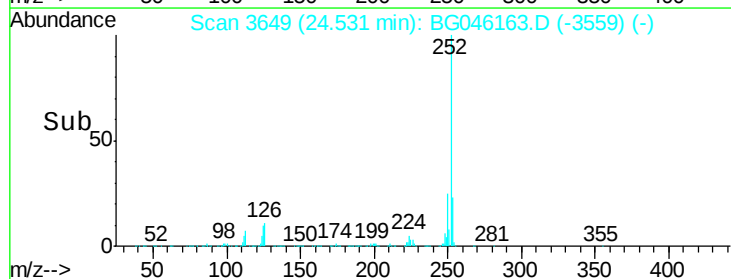
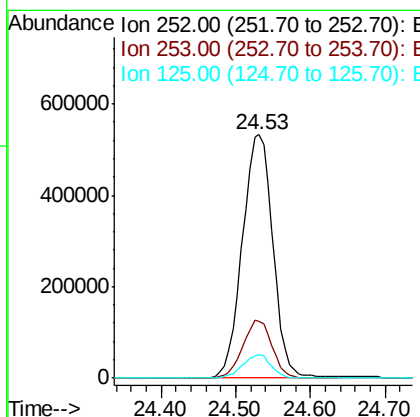
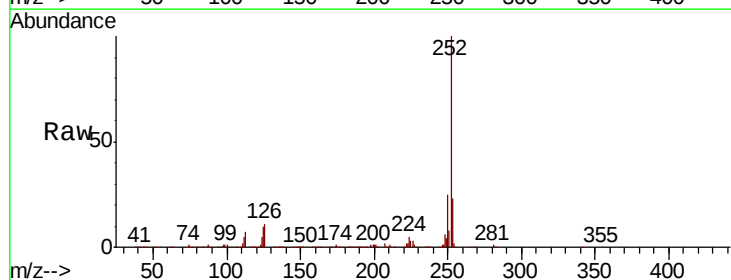
Instrument :
BNA_G
ClientSampled :

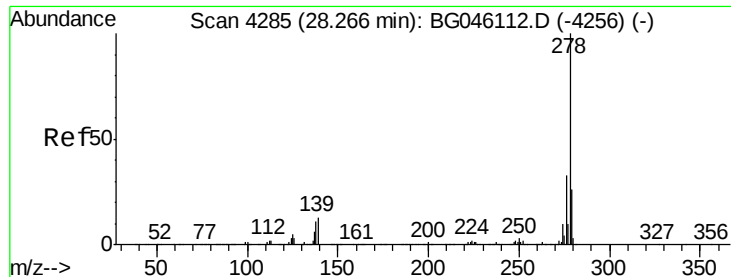
Tot Ion:252 Resp: 1609572
Ion Ratio Lower Upper
252 100
253 23.9 19.5 29.3
125 8.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 37.962 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion:252 Resp: 1512002
Ion Ratio Lower Upper
252 100
253 23.1 18.6 27.8
125 9.7 7.1 10.7

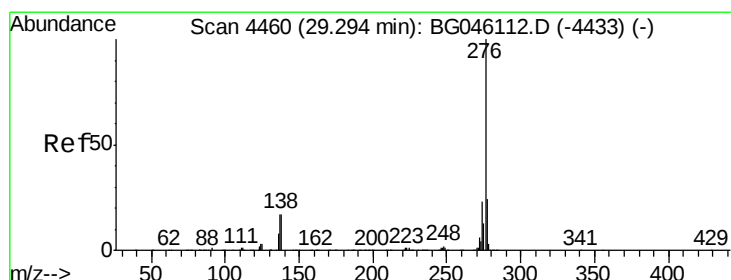
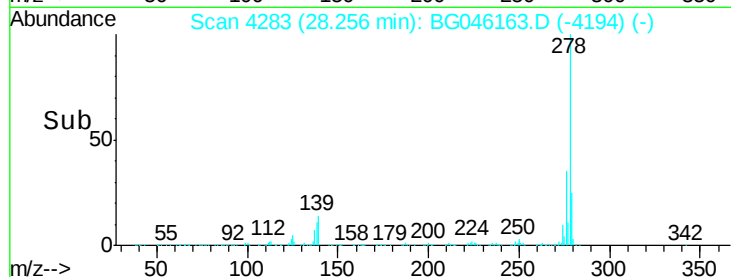
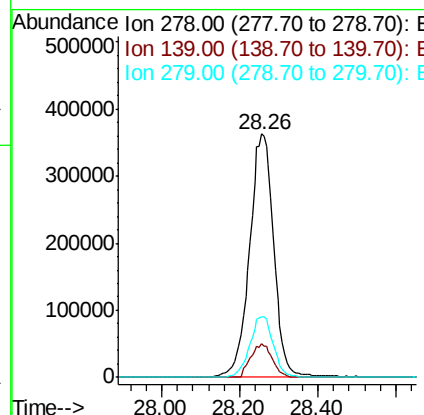
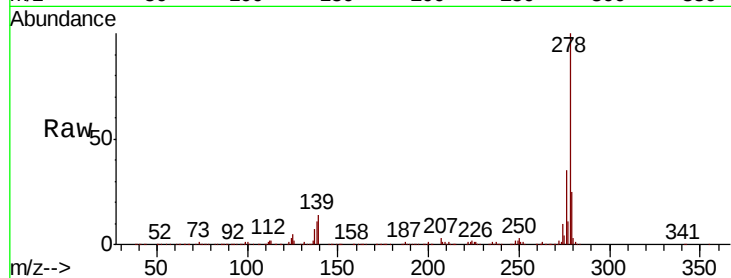




#91
Dibenzo(a,h)anthracene
Concen: 38.558 ng
RT: 28.26 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1570230
Ion Ratio Lower Upper
278 100
139 13.7 10.8 16.2
279 24.7 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 39.037 ng
RT: 29.29 min Scan# 4459
Delta R.T. -0.00 min
Lab File: BG046163.D
Acq: 4 Aug 2020 9:20

Tgt Ion:276 Resp: 1605484
Ion Ratio Lower Upper
276 100
277 24.8 19.5 29.3
138 17.8 13.8 20.6

