

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080520\
 Data File : BG046173.D
 Acq On : 5 Aug 2020 13:51
 Operator : CG/JU
 Sample : L3545-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Quant Time: Aug 06 02:02:39 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	110876	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	438811	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	285699	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	664196	20.00	ng	0.00
76) Chrysene-d12	21.57	240	671982	20.00	ng	0.00
86) Perylene-d12	24.67	264	746732	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	779726	122.25	ng	0.00
7) Phenol-d6	7.12	99	1015115	116.78	ng	0.00
23) Nitrobenzene-d5	9.11	82	664605	82.00	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	536253	122.20	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1478147	75.16	ng	0.00
79) Terphenyl-d14	19.94	244	2014022	61.04	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	102458	35.293	ng	97
3) Pyridine	3.83	79	236822	29.633	ng	97
4) n-Nitrosodimethylamine	3.75	42	130400	38.338	ng	95
6) Aniline	7.28	93	298615	28.859	ng	99
8) 2-Chlorophenol	7.52	128	316225	44.857	ng	96
9) Benzaldehyde	7.09	77	213289	41.350	ng	98
10) Phenol	7.15	94	384350	44.007	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	293260	42.214	ng	100
12) 1,3-Dichlorobenzene	7.85	146	353574	41.378	ng	99
13) 1,4-Dichlorobenzene	7.99	146	352901	41.129	ng	99
14) 1,2-Dichlorobenzene	8.30	146	347915	42.994	ng	98
15) Benzyl Alcohol	8.19	79	266952	44.453	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	467326	41.031	ng	98
17) 2-Methylphenol	8.40	107	270834	45.933	ng	98
18) Hexachloroethane	9.04	117	125341	43.678	ng	99
19) n-Nitroso-di-n-propylamine	8.76	70	234032	41.368	ng	97
20) 3+4-Methylphenols	8.72	107	374179	46.364	ng	97
22) Acetophenone	8.77	105	451120	40.059	ng	99
24) Nitrobenzene	9.15	77	331269	38.337	ng	98
25) Isophorone	9.67	82	630736	39.111	ng	100
26) 2-Nitrophenol	9.86	139	175071	44.704	ng	95
27) 2,4-Dimethylphenol	9.93	122	294060	46.152	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	388171	44.267	ng	100
29) 2,4-Dichlorophenol	10.40	162	335117	44.712	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	357621	40.730	ng	99
31) Naphthalene	10.80	128	927450	39.945	ng	99
32) Benzoic acid	10.08	122	190437	42.095	ng	96
33) 4-Chloroaniline	10.90	127	149761	15.784	ng	98
34) Hexachlorobutadiene	11.10	225	235344	40.265	ng	100
35) Caprolactam	11.67	113	53755	21.912	ng	95
36) 4-Chloro-3-methylphenol	12.03	107	321238	43.675	ng	98
37) 2-Methylnaphthalene	12.41	142	721729	40.397	ng	100
38) 1-Methylnaphthalene	12.62	142	686528	40.608	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	422015	40.997	ng	99

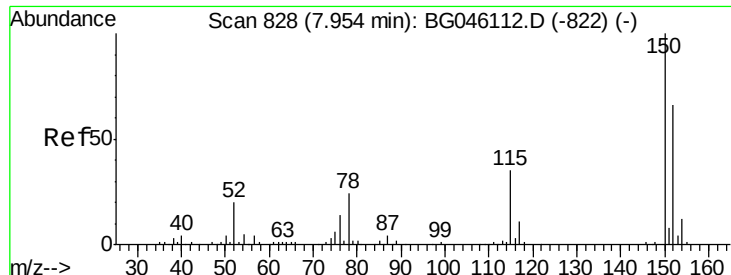
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080520\
 Data File : BG046173.D
 Acq On : 5 Aug 2020 13:51
 Operator : CG/JU
 Sample : L3545-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Quant Time: Aug 06 02:02:39 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)
41) Hexachlorocyclopentadiene	12.76	237	504583	85.458	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	285748	43.510	ng	98
44) 2,4,5-Trichlorophenol	13.09	196	308890	43.107	ng	97
46) 1,1'-Biphenyl	13.42	154	907146	40.476	ng	100
47) 2-Chloronaphthalene	13.46	162	708656	39.640	ng	99
48) 2-Nitroaniline	13.65	65	205912	43.942	ng	98
49) Acenaphthylene	14.30	152	1131030	40.743	ng	98
50) Dimethylphthalate	14.04	163	1111468	50.687	ng	99
51) 2,6-Dinitrotoluene	14.15	165	205960	40.358	ng	91
52) Acenaphthene	14.64	154	712556	38.892	ng	100
53) 3-Nitroaniline	14.47	138	110460	21.833	ng	99
54) 2,4-Dinitrophenol	14.68	184	235222	73.391	ng	93
55) Dibenzofuran	14.98	168	1079369	39.043	ng	98
56) 4-Nitrophenol	14.79	139	365676	83.249	ng	98
57) 2,4-Dinitrotoluene	14.94	165	286112	40.776	ng	95
58) Fluorene	15.62	166	874082	39.041	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	295675	43.807	ng	99
60) Diethylphthalate	15.40	149	877796	40.694	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	479330	40.992	ng	95
62) 4-Nitroaniline	15.64	138	208519	40.980	ng	98
63) Azobenzene	15.91	77	785023	38.832	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	176009	40.069	ng	89
66) n-Nitrosodiphenylamine	15.84	169	811845	40.380	ng	98
67) 4-Bromophenyl-phenylether	16.51	248	344893	42.031	ng	97
68) Hexachlorobenzene	16.64	284	376302	40.898	ng	97
69) Atrazine	16.78	200	299675	38.708	ng	98
70) Pentachlorophenol	16.98	266	501740	84.043	ng	99
71) Phenanthrene	17.36	178	1413284	38.844	ng	99
72) Anthracene	17.45	178	1457587	40.276	ng	97
73) Carbazole	17.72	167	1347967	38.628	ng	99
74) Di-n-butylphthalate	18.29	149	1482776	40.650	ng	99
75) Fluoranthene	19.37	202	1707428	37.589	ng	99
77) Benzidine	19.54	184	853287	44.829	ng	99
78) Pyrene	19.73	202	1732379	38.369	ng	98
80) Butylbenzylphthalate	20.62	149	698563	42.711	ng	99
81) Benzo(a)anthracene	21.55	228	1744860	38.801	ng	98
82) 3,3'-Dichlorobenzidine	21.47	252	246824	13.217	ng	100
83) Chrysene	21.62	228	1690794	38.382	ng	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	986811	42.202	ng	99
85) Di-n-octyl phthalate	22.66	149	1717531	43.381	ng	100
87) Indeno(1,2,3-cd)pyrene	28.20	276	2379923	41.790	ng	# 95
88) Benzo(b)fluoranthene	23.70	252	1974353	39.455	ng	99
89) Benzo(k)fluoranthene	23.76	252	1853984	37.774	ng	100
90) Benzo(a)pyrene	24.53	252	1819529	39.076	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1937382	40.694	ng	98
92) Benzo(g,h,i)perylene	29.30	276	1990264	41.394	ng	99

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

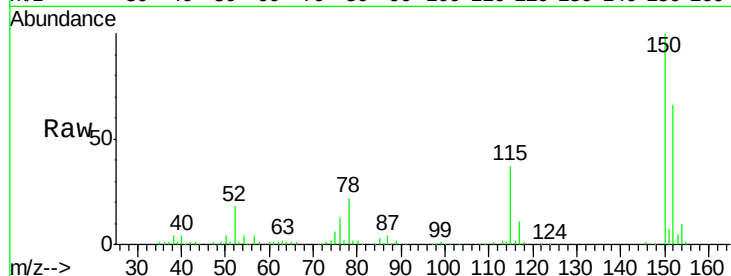


#1

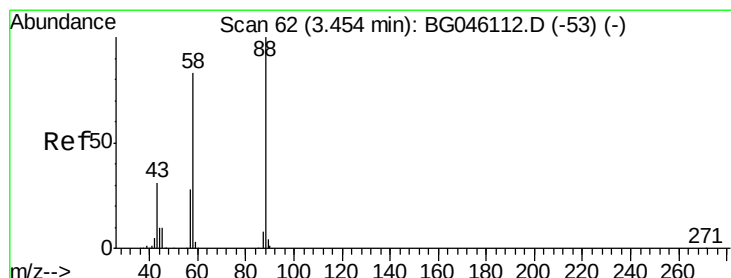
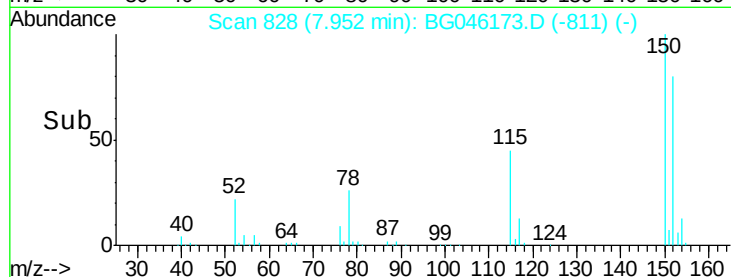
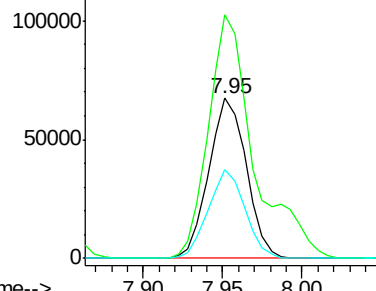
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion:152 Resp: 110876
Ion Ratio Lower Upper
152 100
150 152.1 122.1 183.1
115 55.6 43.2 64.8



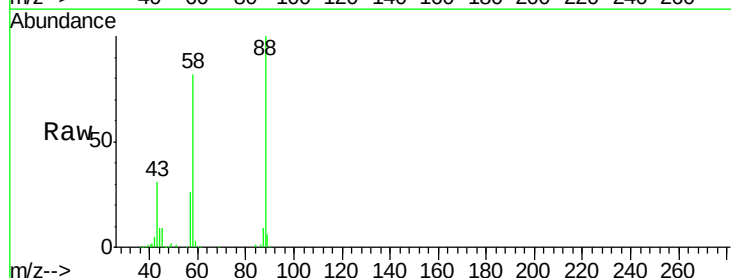
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



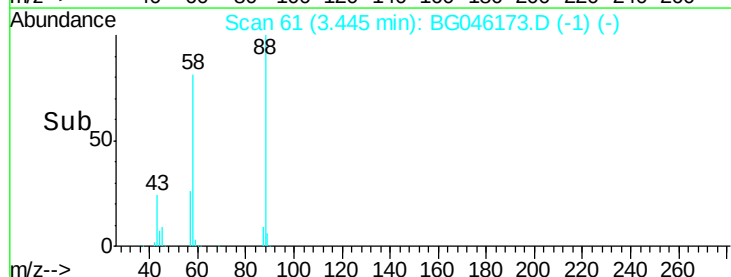
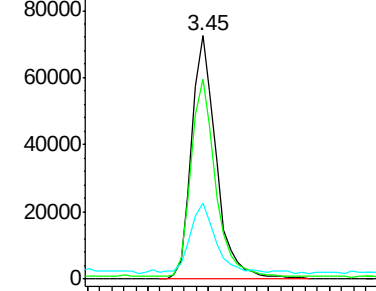
#2

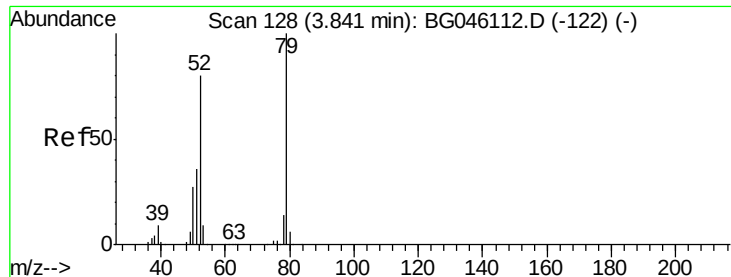
1,4-Dioxane
Concen: 35.293 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion: 88 Resp: 102458
Ion Ratio Lower Upper
88 100
58 80.2 66.5 99.7
43 28.5 23.8 35.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.633 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

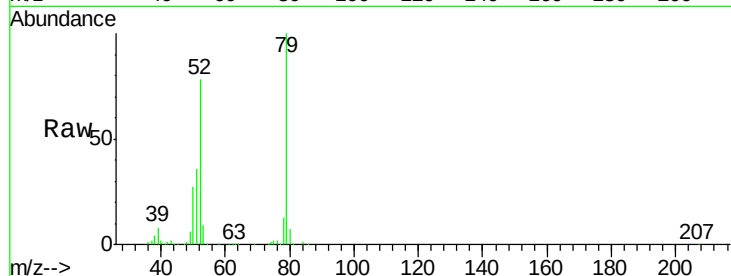
Tot Ion: 79 Resp: 236822

Ion Ratio Lower Upper

79 100

52 77.7 64.3 96.5

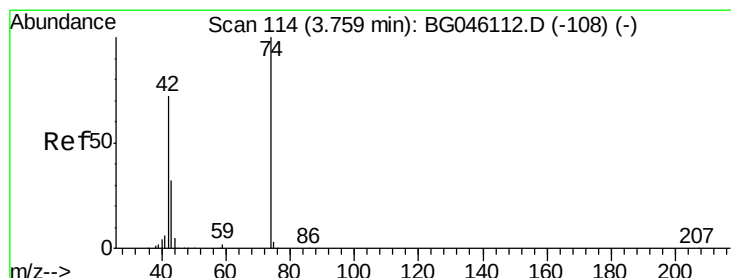
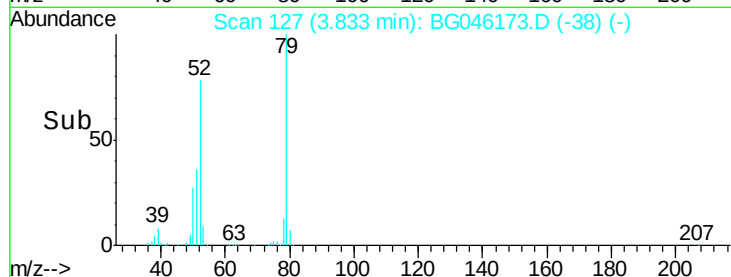
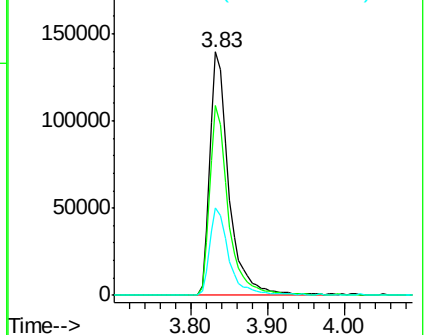
51 36.0 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.338 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

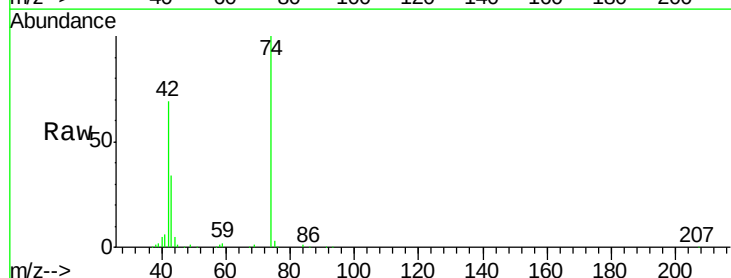
Tgt Ion: 42 Resp: 130400

Ion Ratio Lower Upper

42 100

74 145.4 111.6 167.4

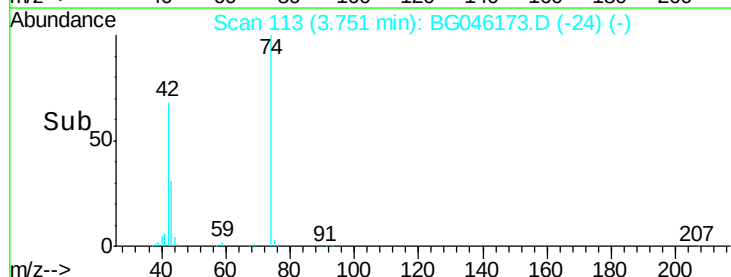
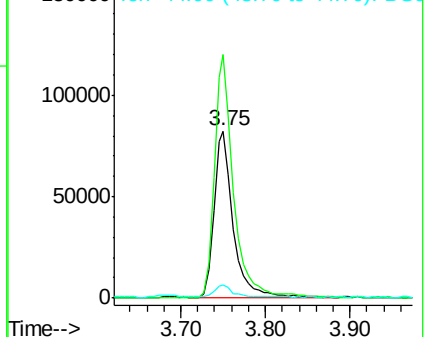
44 7.7 5.7 8.5

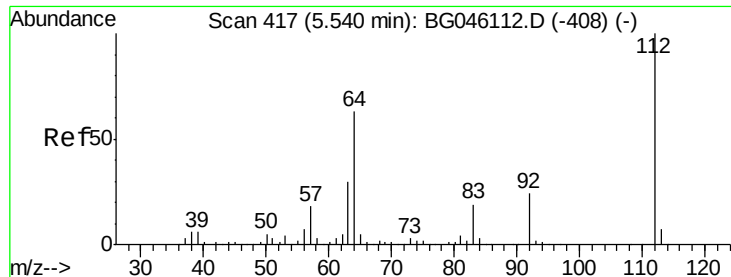


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 122.249 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampled :

SB-1MS

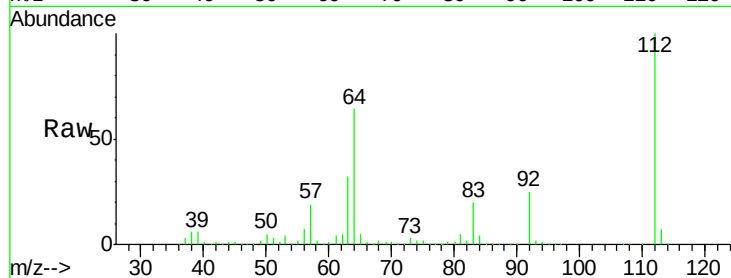
Tot Ion: 112 Resp: 779726

Ion Ratio Lower Upper

112 100

64 63.6 50.2 75.2

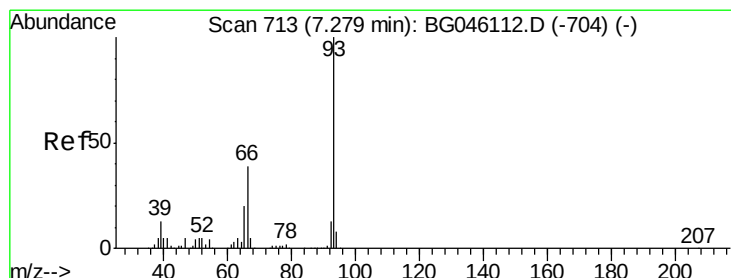
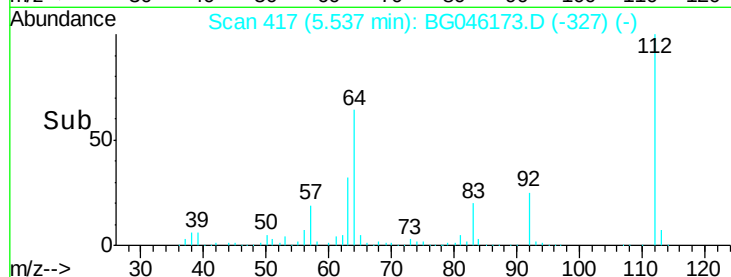
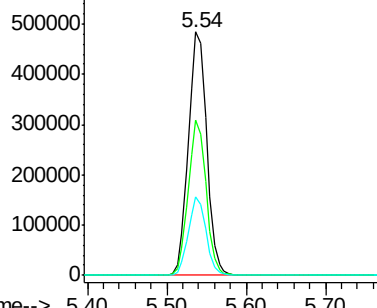
63 32.4 24.2 36.4



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: 28.859 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

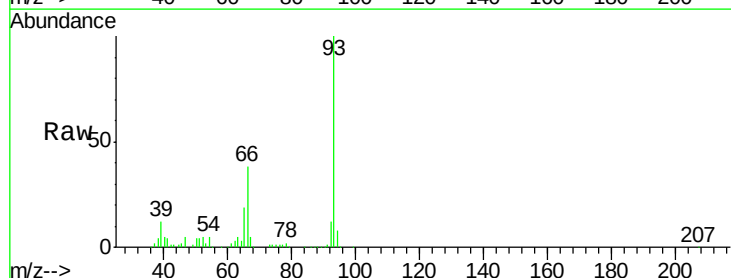
Tgt Ion: 93 Resp: 298615

Ion Ratio Lower Upper

93 100

66 38.4 31.0 46.4

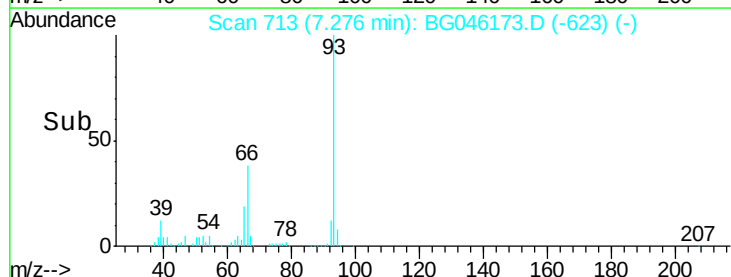
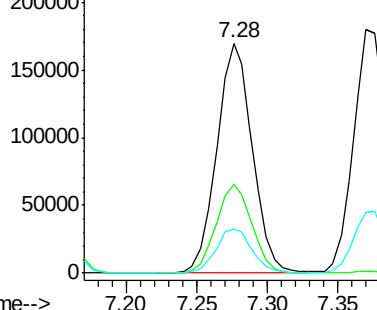
65 19.0 15.9 23.9

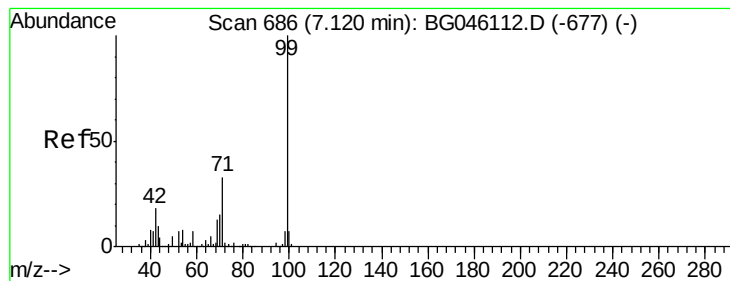


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.780 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

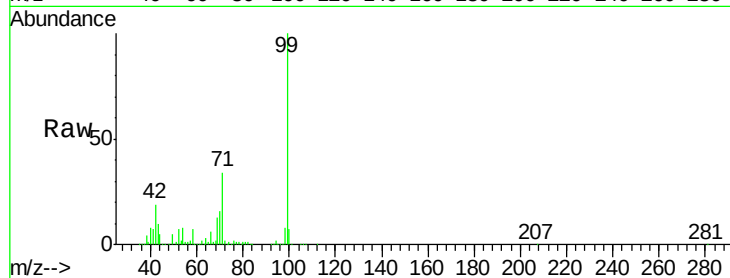
Tot Ion: 99 Resp: 1015115

Ion Ratio Lower Upper

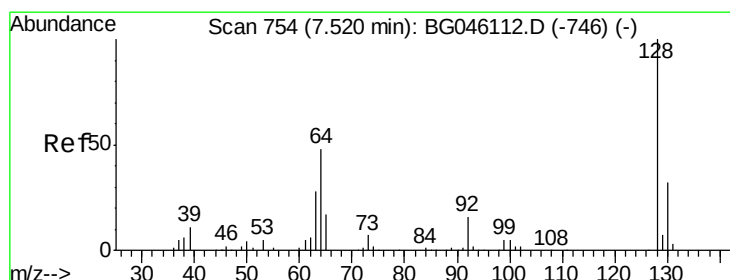
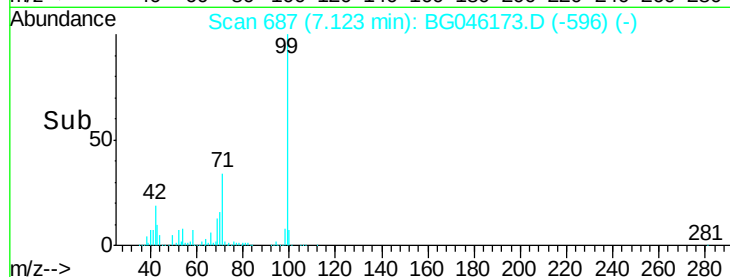
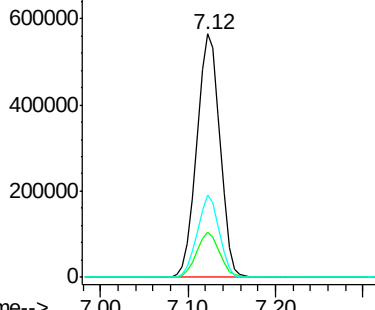
99 100

42 18.6 14.7 22.1

71 33.8 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: 44.857 ng

RT: 7.52 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

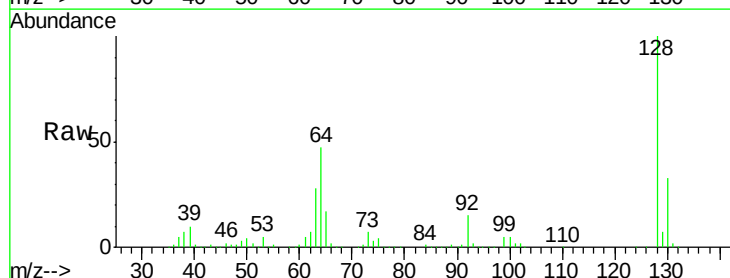
Tgt Ion: 128 Resp: 316225

Ion Ratio Lower Upper

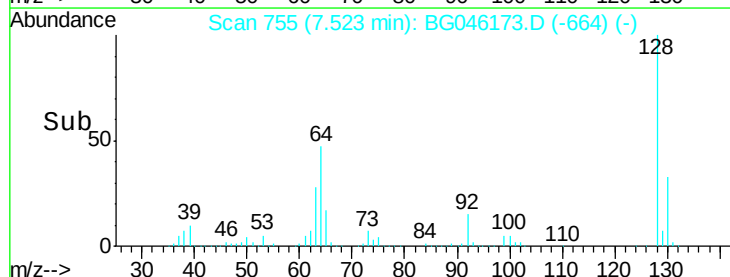
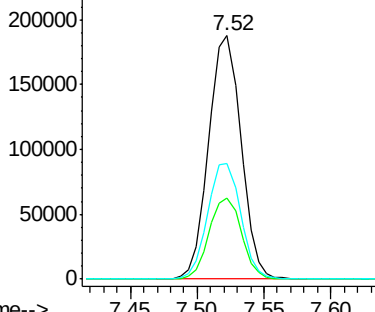
128 100

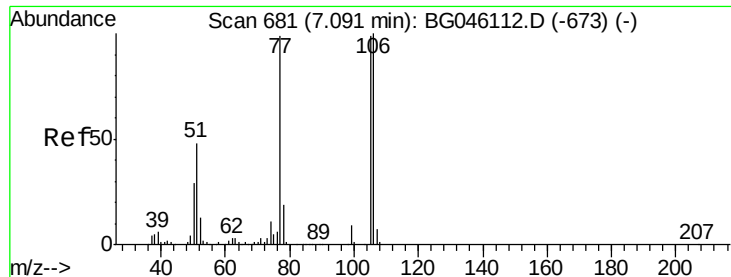
130 33.1 11.6 51.6

64 47.4 30.6 70.6



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





#9

Benzaldehyde

Concen: 41.350 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

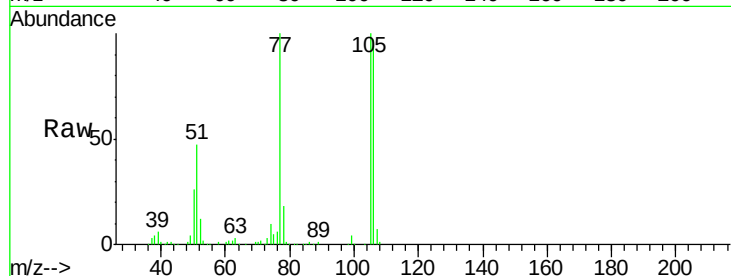
Tot Ion: 77 Resp: 213289

Ion Ratio Lower Upper

77 100

105 100.0 80.3 120.3

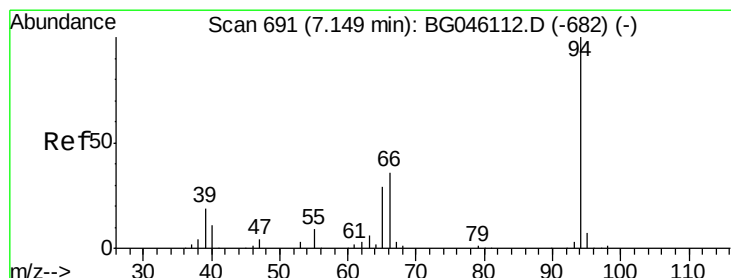
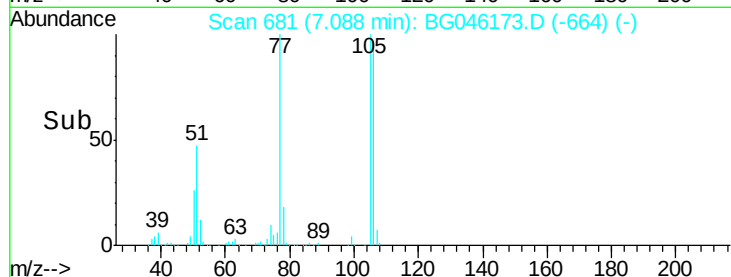
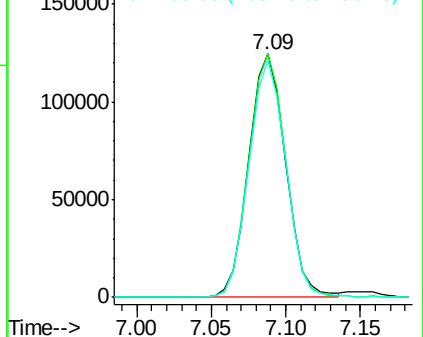
106 97.4 81.5 121.5



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: 44.007 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

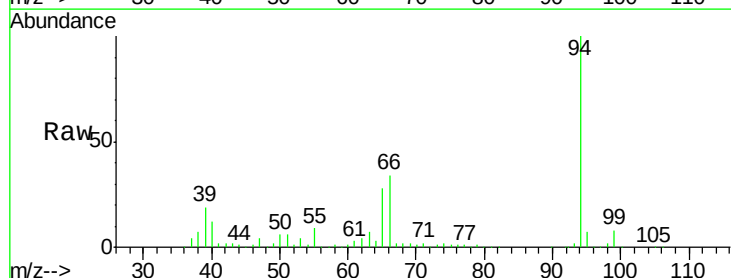
Tgt Ion: 94 Resp: 384350

Ion Ratio Lower Upper

94 100

65 28.1 9.6 49.6

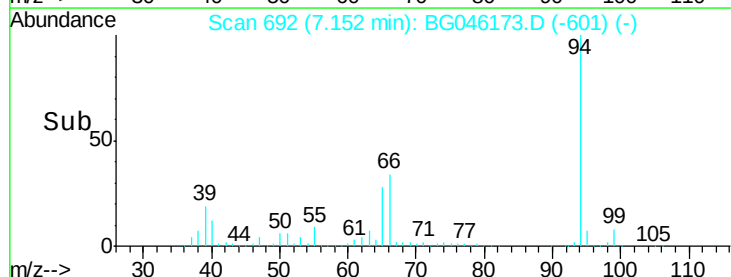
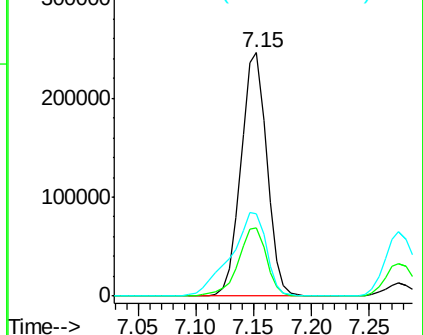
66 34.0 16.3 56.3

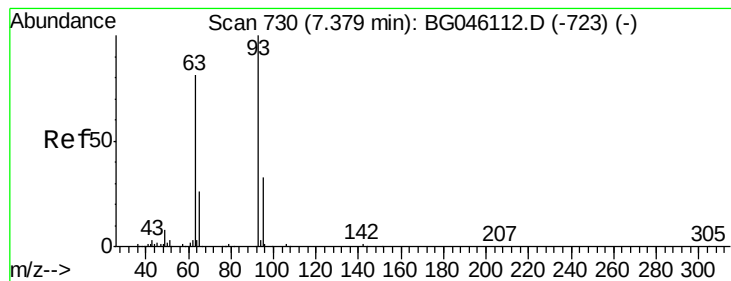


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 42.214 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

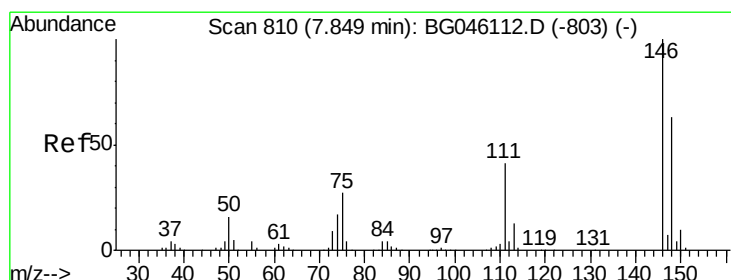
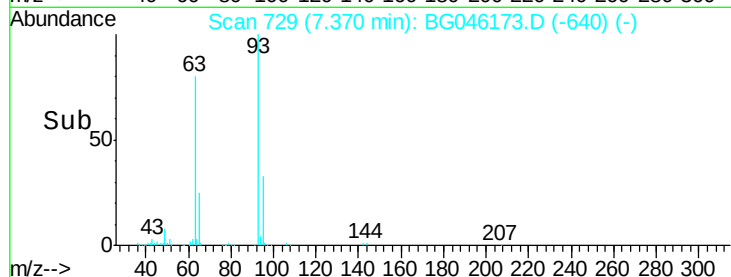
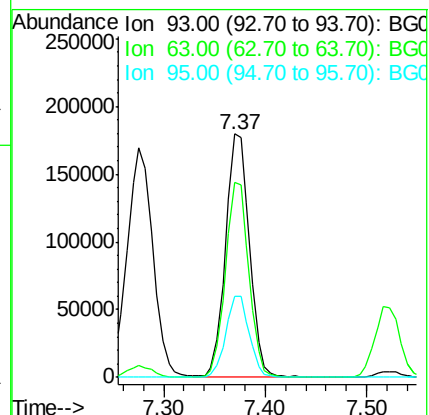
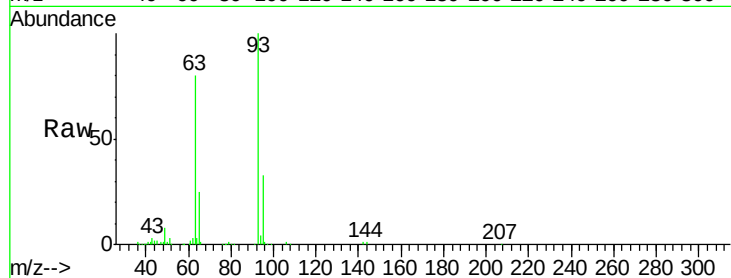
Tot Ion: 93 Resp: 293260

Ion Ratio Lower Upper

93 100

63 79.9 60.0 100.0

95 33.2 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.378 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

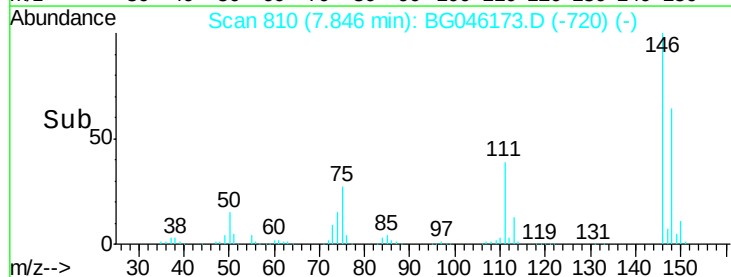
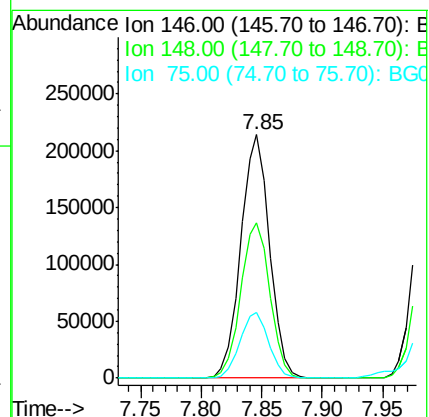
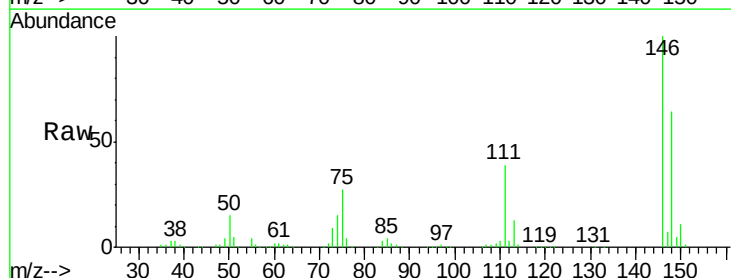
Tgt Ion: 146 Resp: 353574

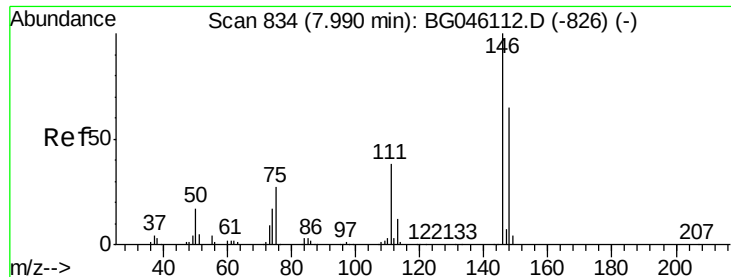
Ion Ratio Lower Upper

146 100

148 63.8 50.5 75.7

75 27.2 21.6 32.4

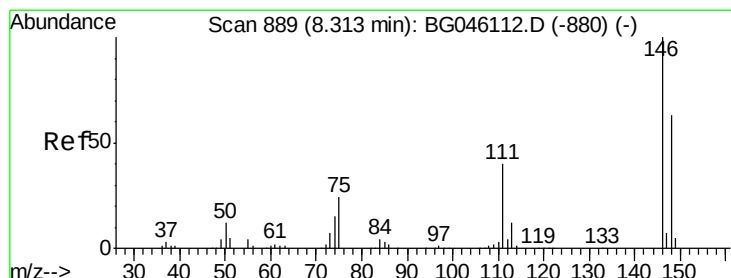
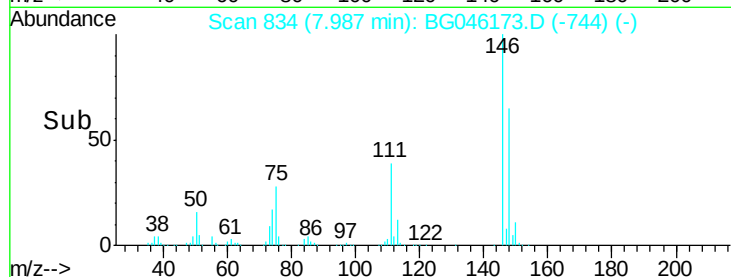
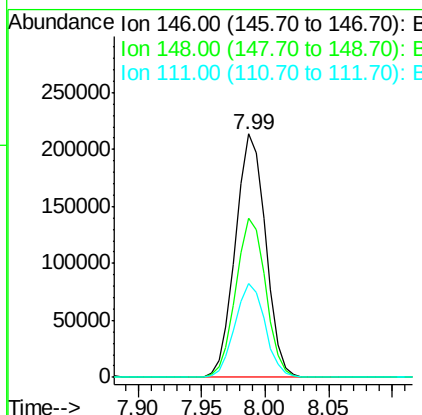
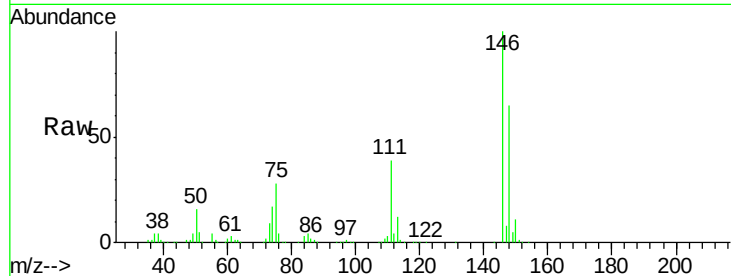




#13
 1,4-Dichlorobenzene
 Concen: 41.129 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

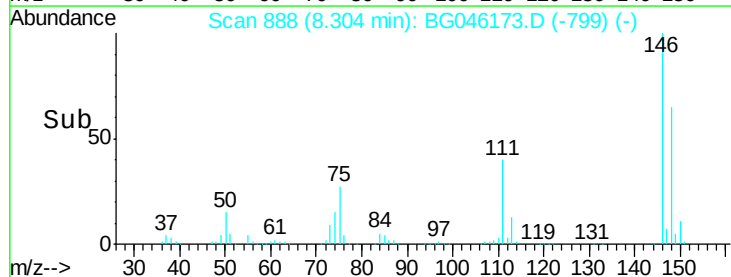
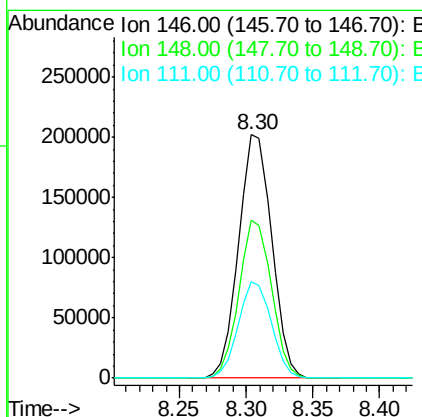
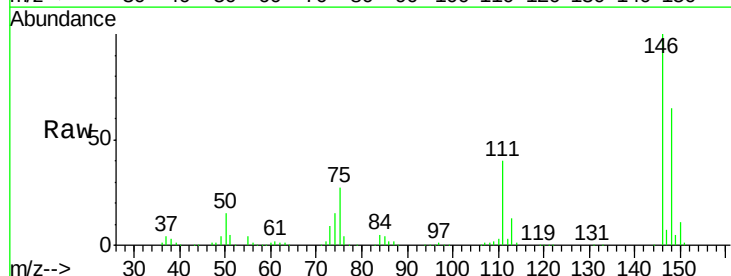
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

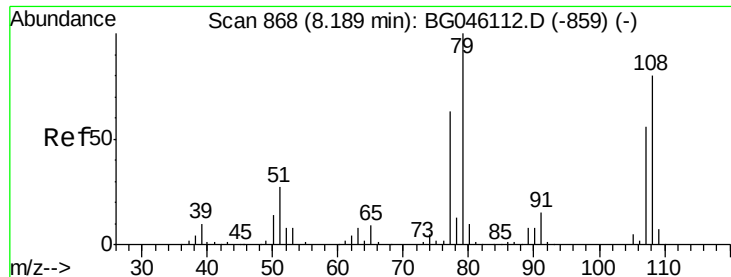
Tot Ion:146 Resp: 352901
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.6
 111 38.7 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 42.994 ng
 RT: 8.30 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion:146 Resp: 347915
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 39.8 32.4 48.6





#15

Benzyl Alcohol

Concen: 44.453 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

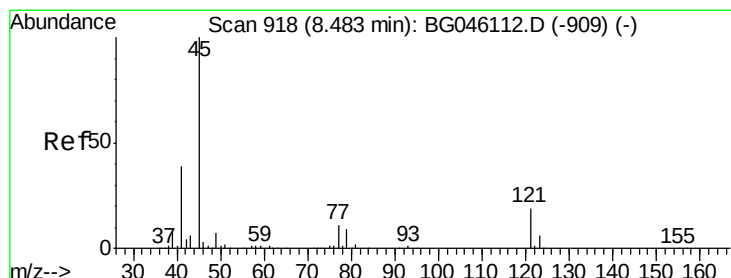
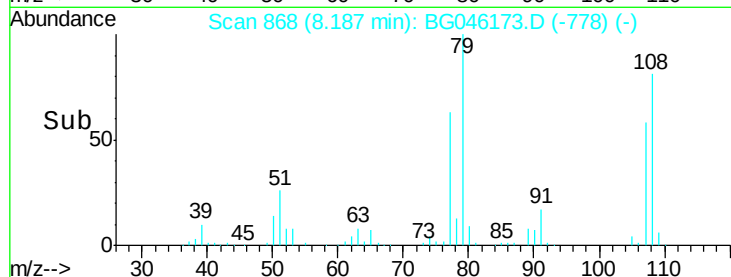
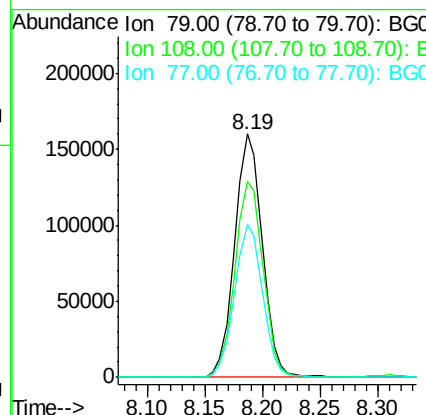
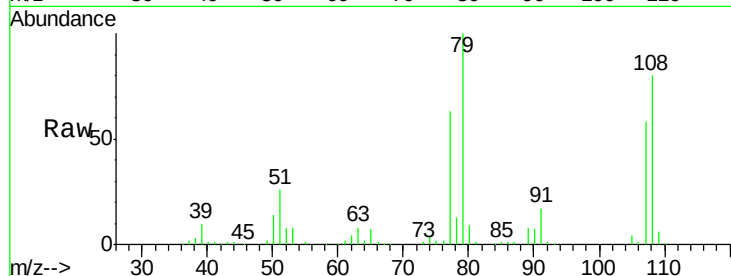
Tot Ion: 79 Resp: 266952

Ion Ratio Lower Upper

79 100

108 80.5 64.1 96.1

77 62.6 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.031 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

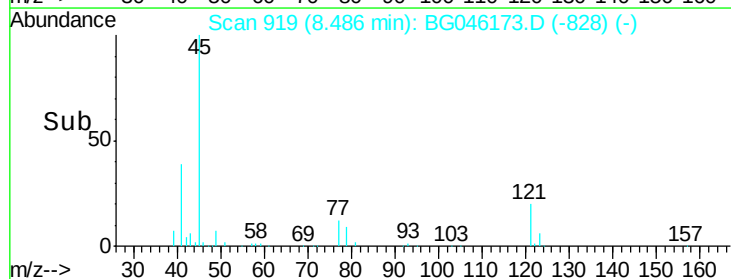
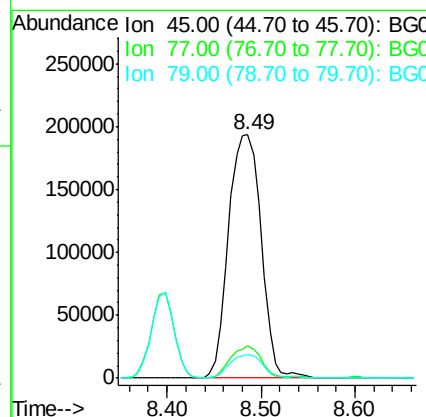
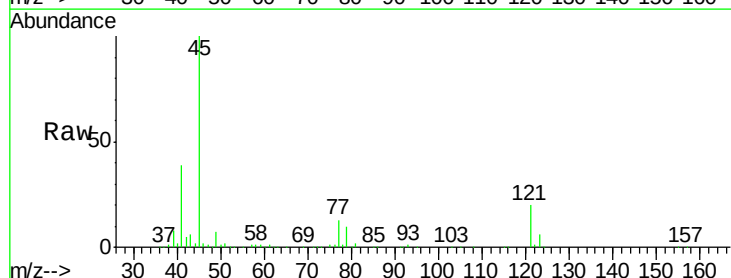
Tgt Ion: 45 Resp: 467326

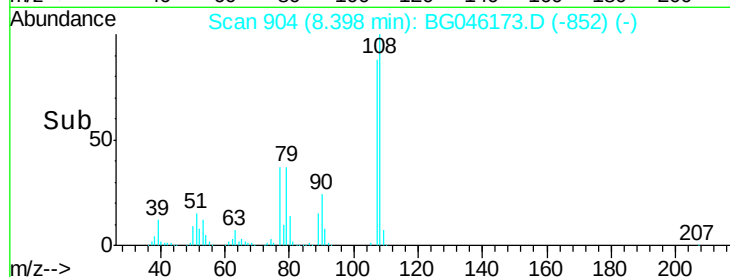
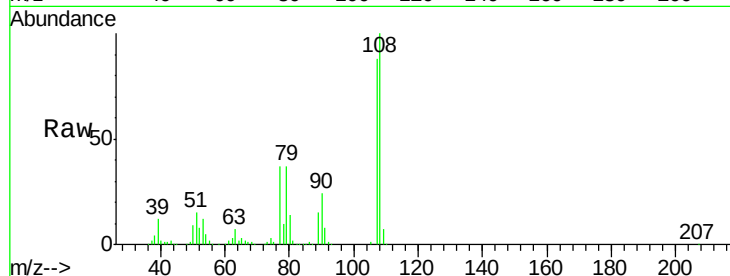
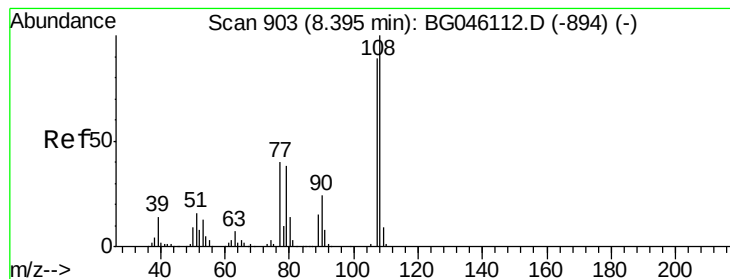
Ion Ratio Lower Upper

45 100

77 13.2 0.0 31.9

79 9.8 0.0 29.5





#17

2-Methylphenol

Concen: 45.933 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampled :

SB-1MS

Tot Ion:107 Resp: 270834

Ion Ratio Lower Upper

107 100

108 113.7 90.0 135.0

77 42.3 35.6 53.4

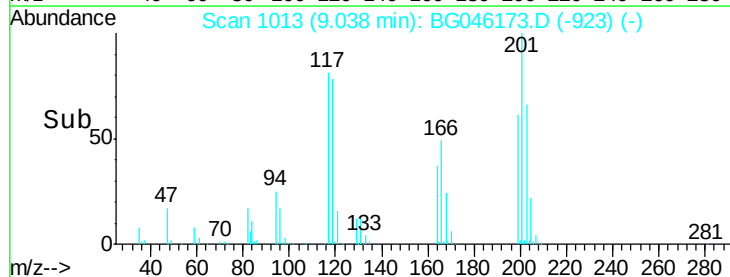
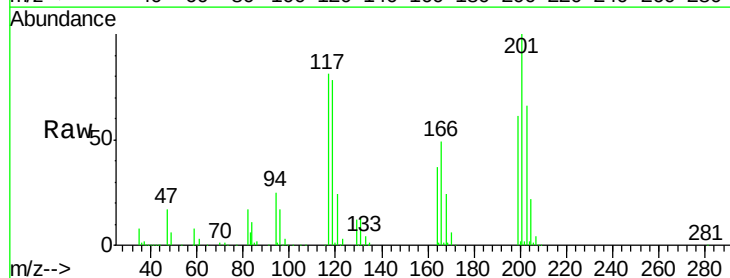
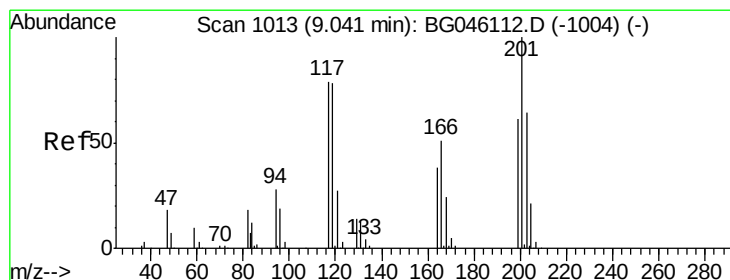
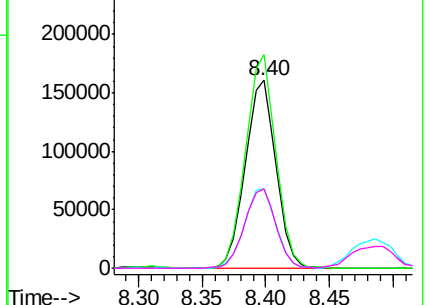
79 42.4 34.4 51.6

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 43.678 ng

RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Tgt Ion:117 Resp: 125341

Ion Ratio Lower Upper

117 100

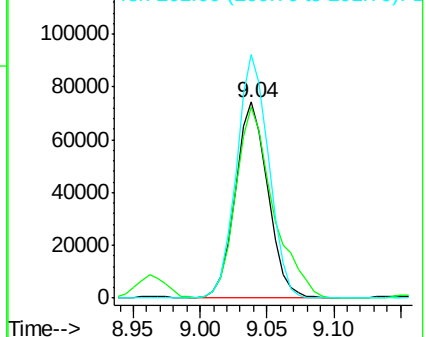
119 97.5 78.5 117.7

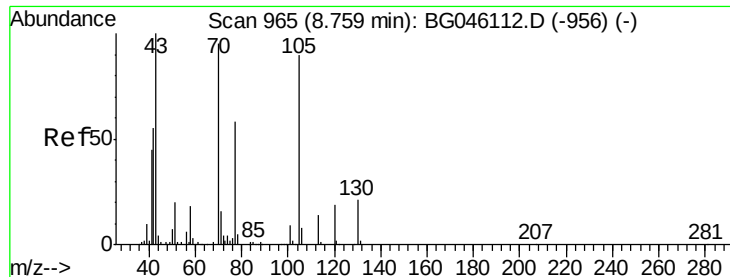
201 124.2 101.0 151.4

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

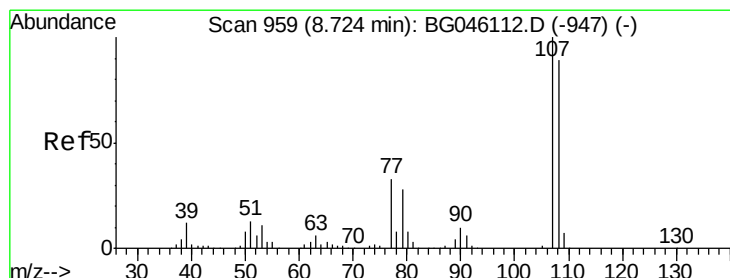
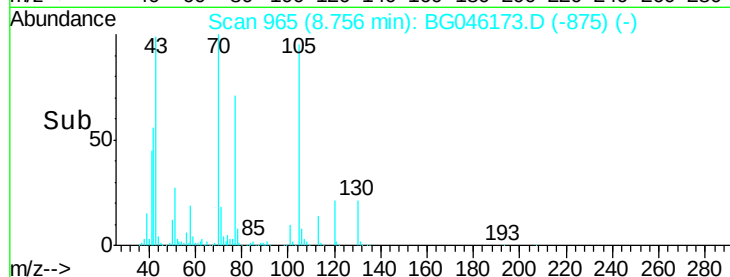
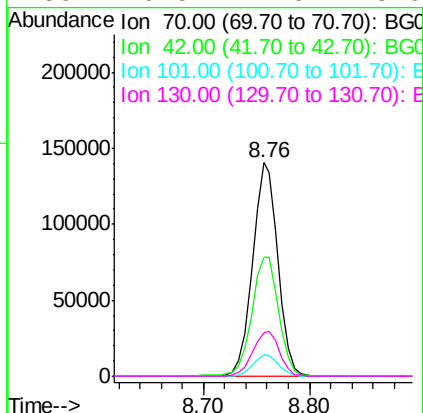
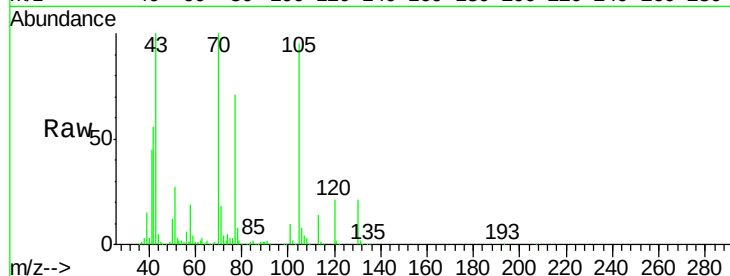




#19
n-Nitroso-di-n-propylamine
Concen: 41.368 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

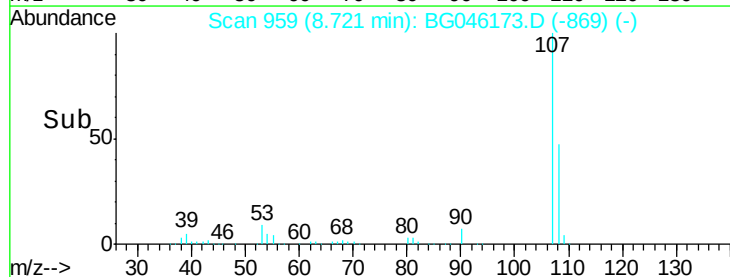
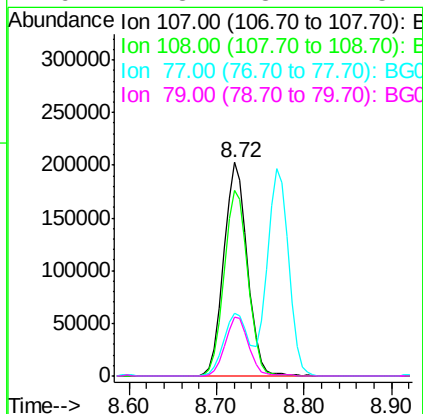
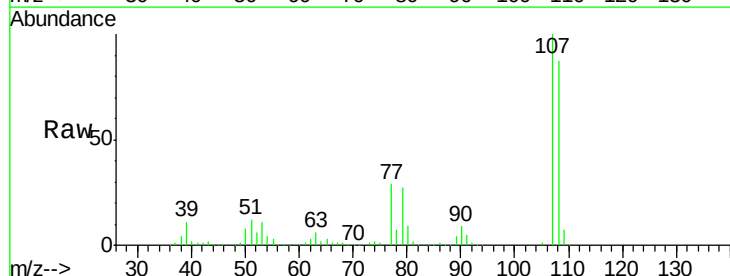
Instrument :
BNA_G
ClientSampleId :
SB-1MS

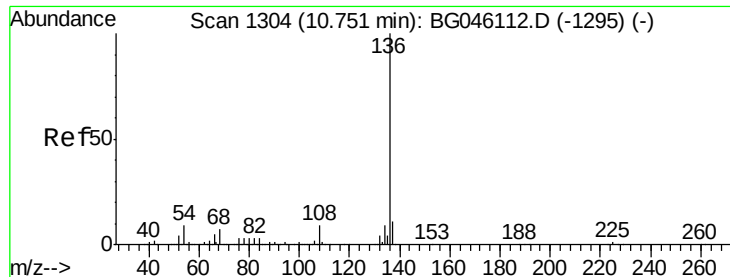
Tot Ion:	70	Resp:	234032
Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.5	69.7
101	10.4	7.6	11.4
130	20.5	17.3	25.9



#20
3+4-Methylphenols
Concen: 46.364 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion:	107	Resp:	374179
Ion	Ratio	Lower	Upper
107	100		
108	87.0	69.1	109.1
77	29.5	12.5	52.5
79	27.3	8.4	48.4

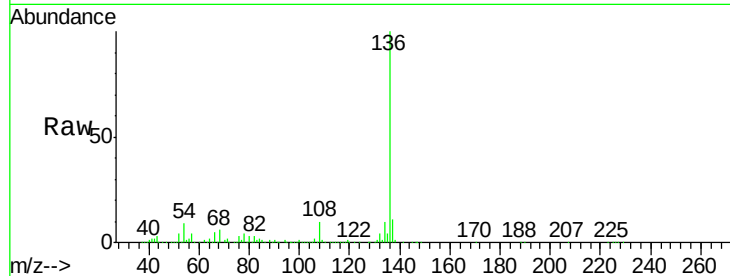




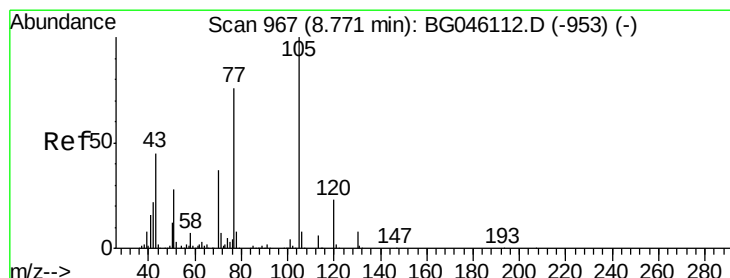
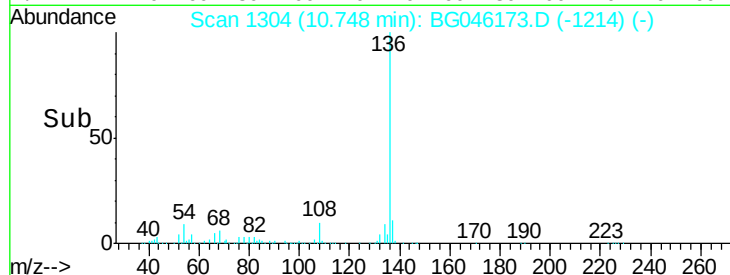
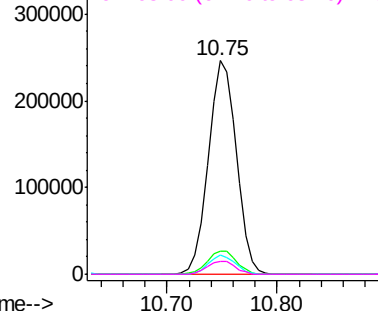
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Tot Ion:136	Resp:	438811	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.8	13.2	
54 8.9	7.0	10.4	
68 6.0	5.3	7.9	

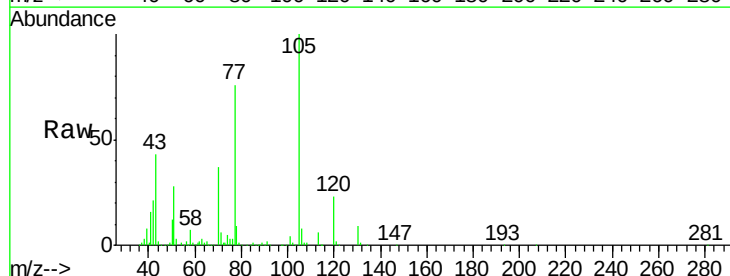


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

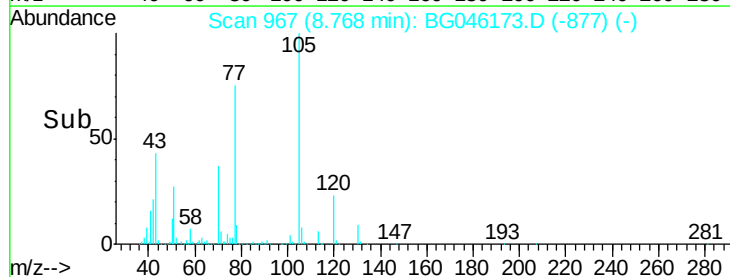
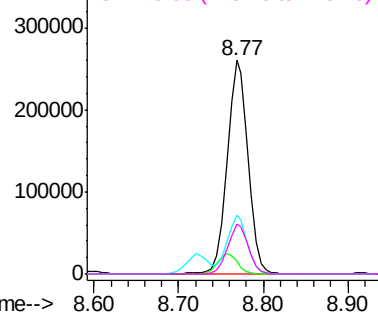


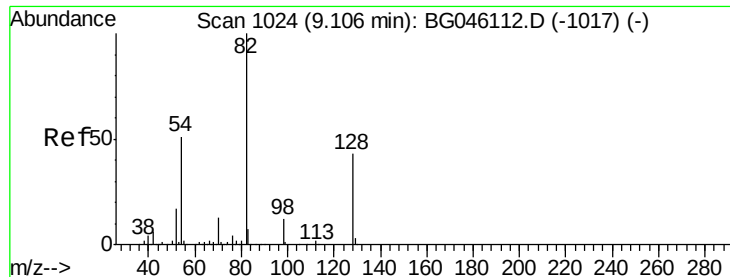
#22
Acetophenone
Concen: 40.059 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt	Ion:105	Resp:	451120
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.3	7.9
51	27.6	22.7	34.1
120	23.5	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

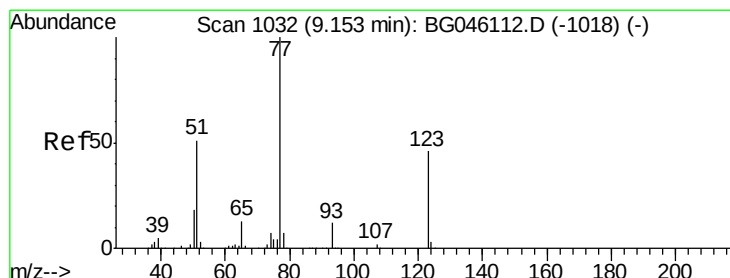
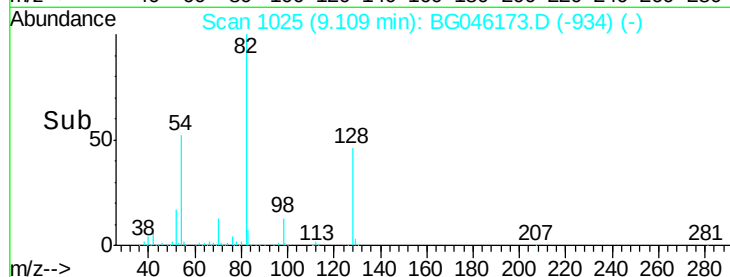
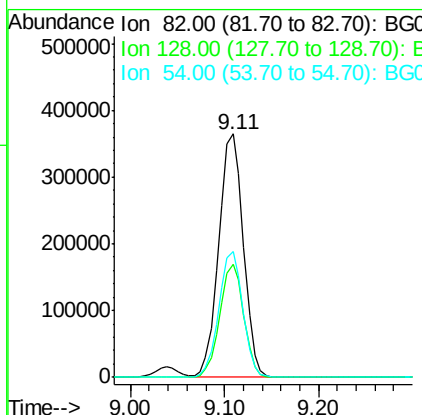
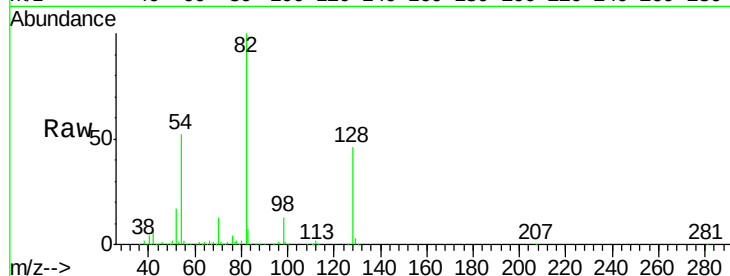




#23
 Nitrobenzene-d5
 Concen: 82.002 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

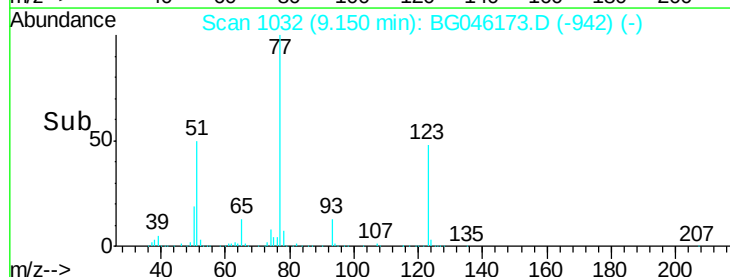
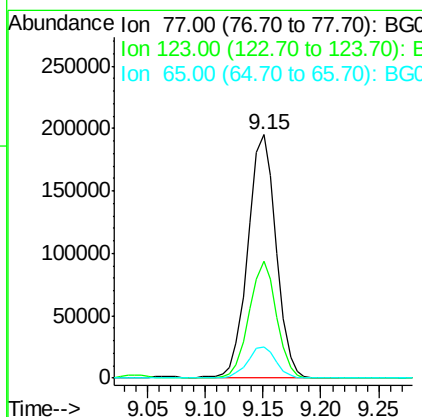
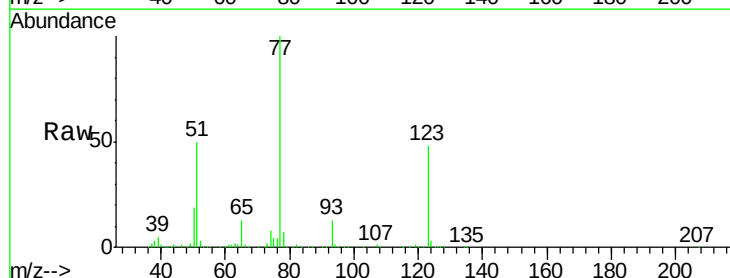
Instrument :
 BNA_G
 ClientSampleID :
 SB-1MS

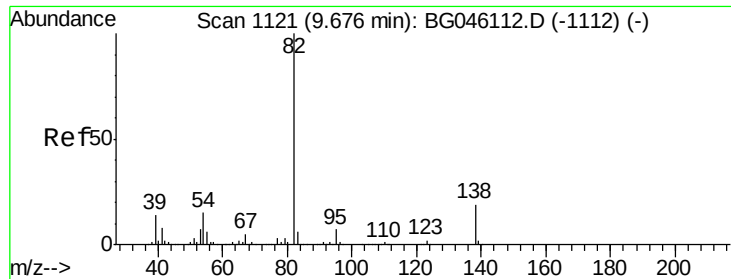
Tot Ion	82	Resp	664605
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.4	51.6
54	51.7	40.8	61.2



#24
 Nitrobenzene
 Concen: 38.337 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	77	Resp	331269
Ion Ratio	Lower	Upper	
77	100		
123	47.9	36.8	55.2
65	13.0	10.2	15.2





#25

Isophorone

Concen: 39.111 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

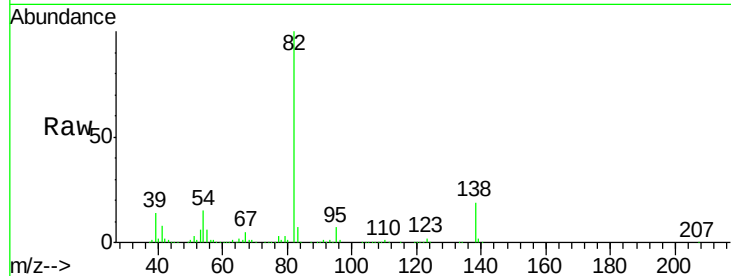
Tot Ion: 82 Resp: 630736

Ion Ratio Lower Upper

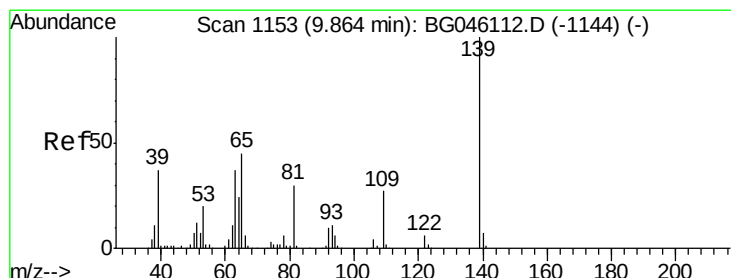
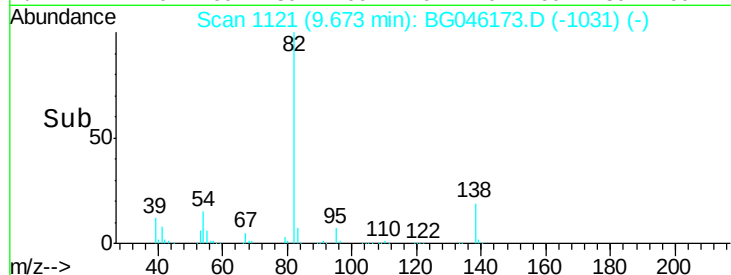
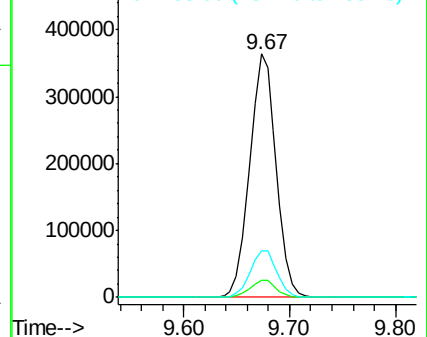
82 100

95 6.9 5.5 8.3

138 18.8 15.3 22.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.704 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

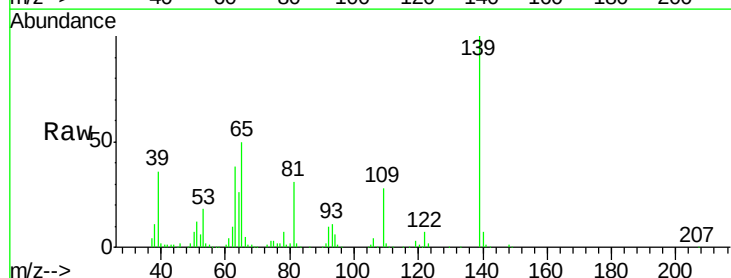
Tgt Ion: 139 Resp: 175071

Ion Ratio Lower Upper

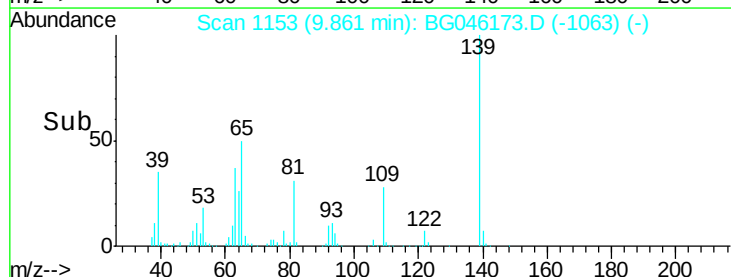
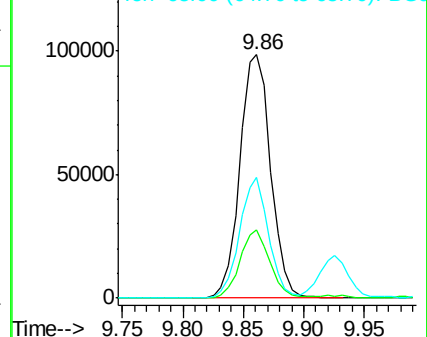
139 100

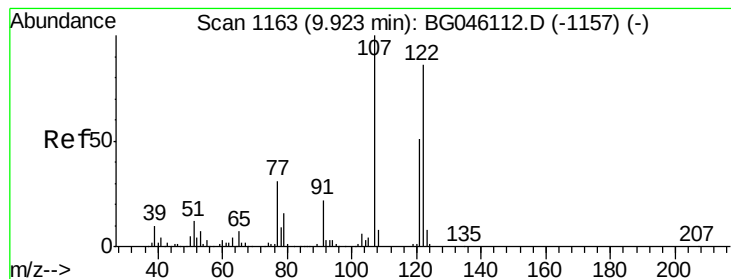
109 27.8 21.8 32.8

65 49.8 36.2 54.2



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 46.152 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampled :

SB-1MS

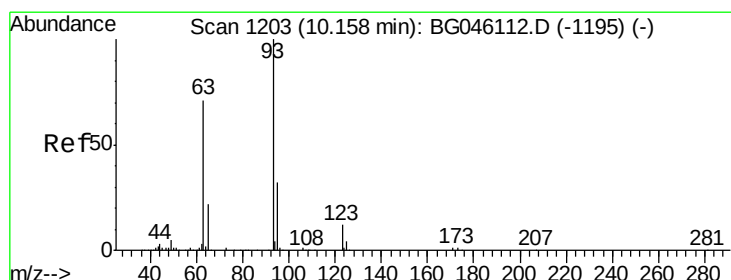
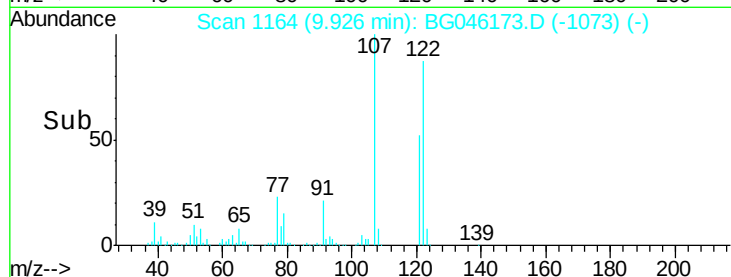
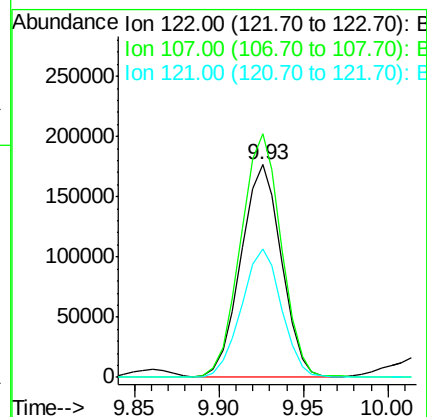
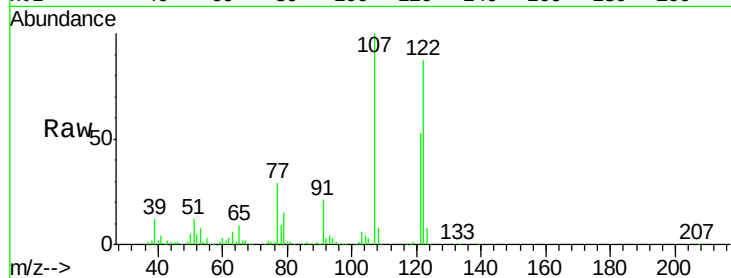
Tot Ion:122 Resp: 294060

Ion Ratio Lower Upper

122 100

107 114.5 92.4 138.6

121 60.2 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.267 ng

RT: 10.15 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

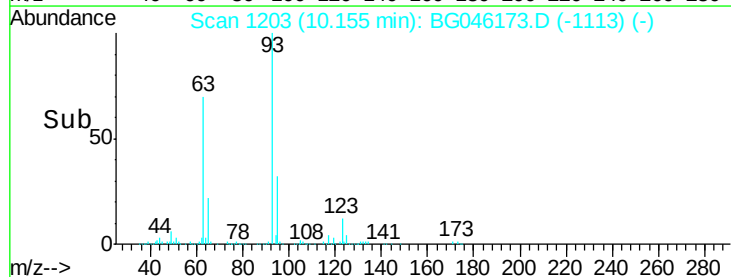
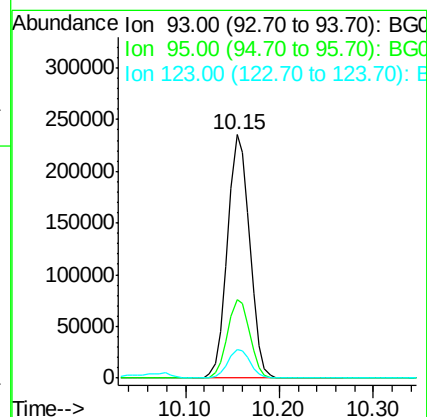
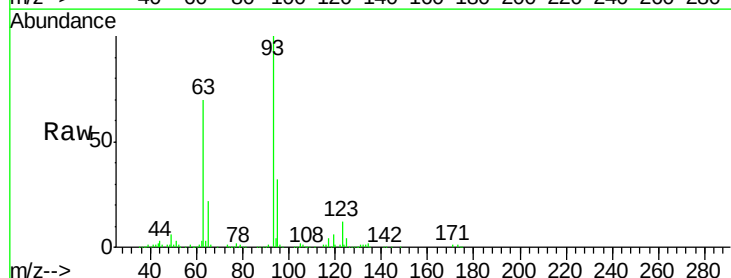
Tgt Ion: 93 Resp: 388171

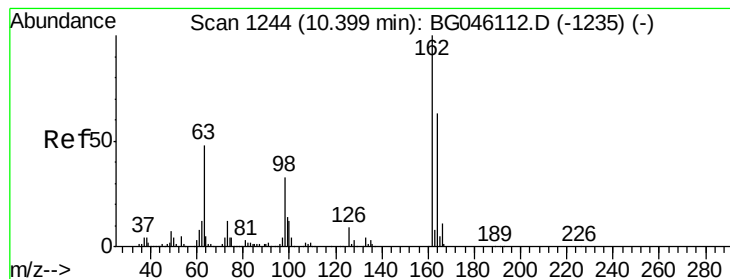
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 11.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.712 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

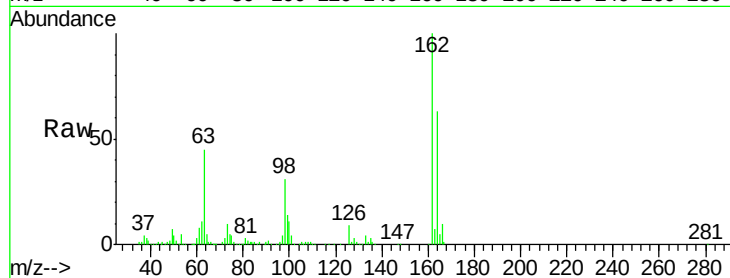
Tot Ion:162 Resp: 335117

Ion Ratio Lower Upper

162 100

164 63.0 43.3 83.3

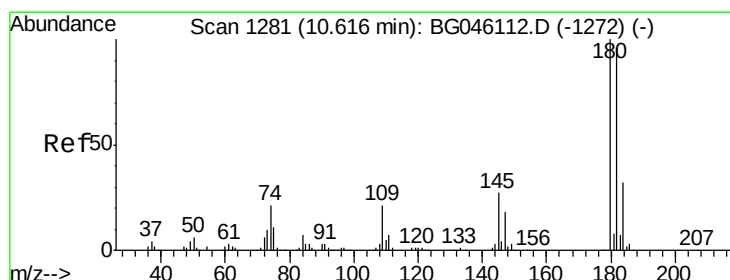
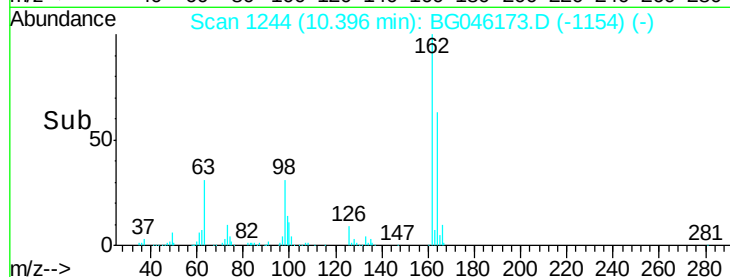
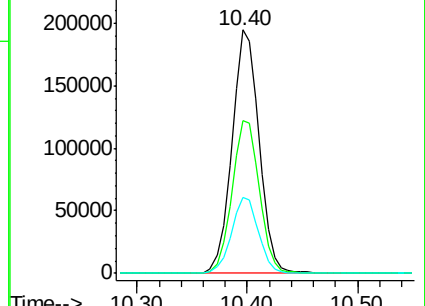
98 31.3 13.1 53.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.730 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

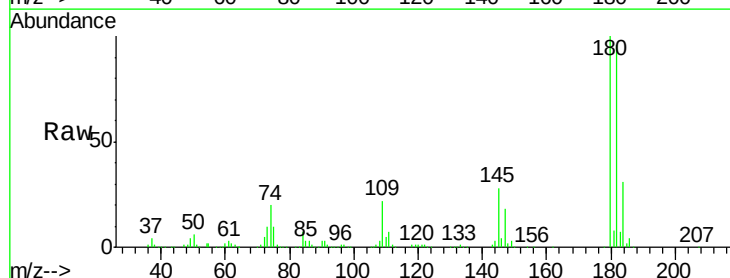
Tgt Ion:180 Resp: 357621

Ion Ratio Lower Upper

180 100

182 96.4 76.7 115.1

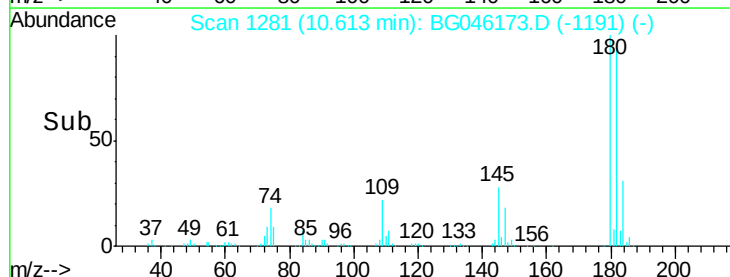
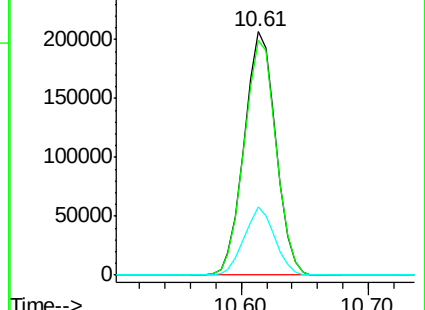
145 28.0 21.8 32.8

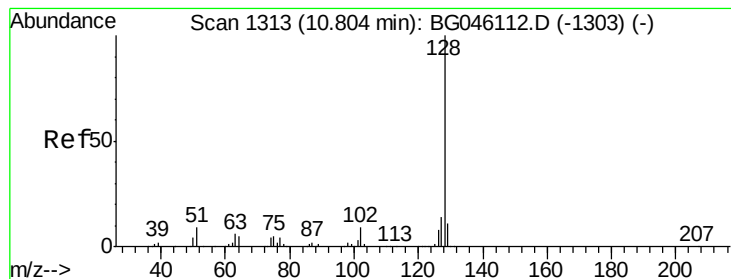


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.945 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

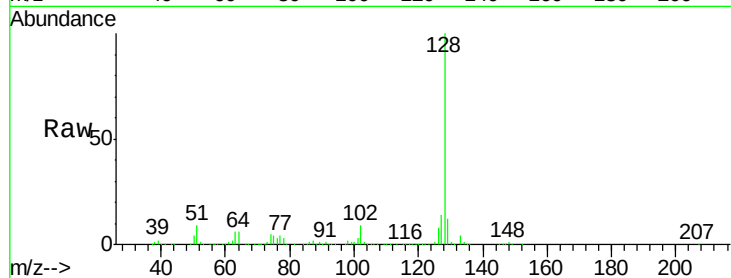
Tot Ion:128 Resp: 927450

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

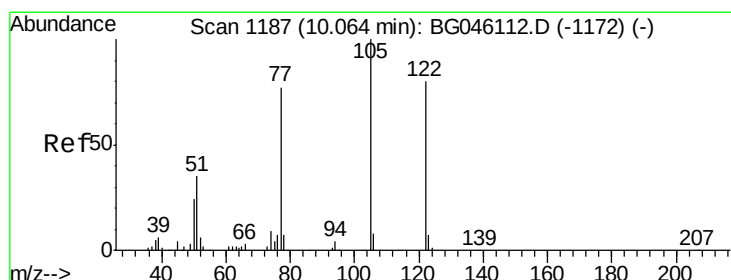
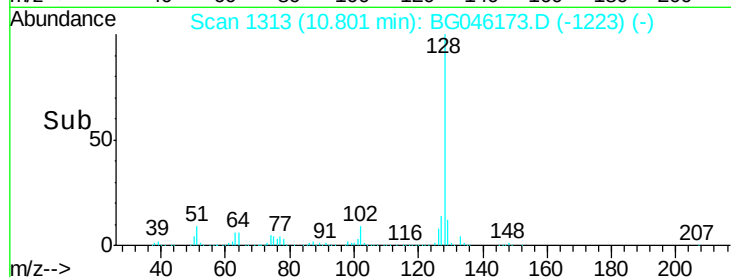
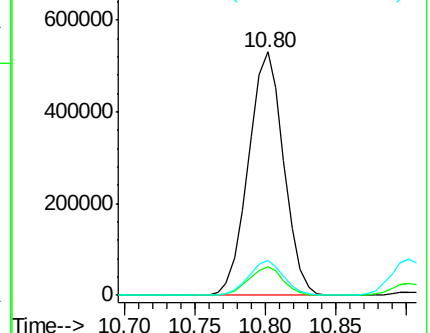
127 14.2 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.095 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.02 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

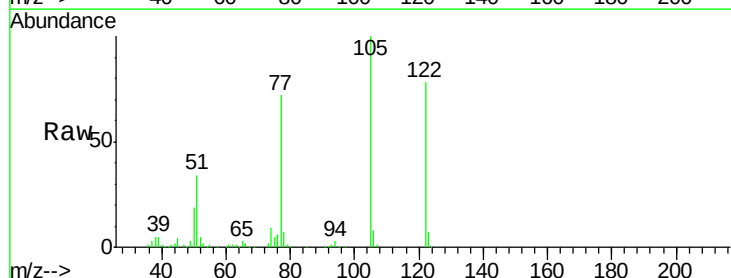
Tgt Ion:122 Resp: 190437

Ion Ratio Lower Upper

122 100

105 127.5 103.0 143.0

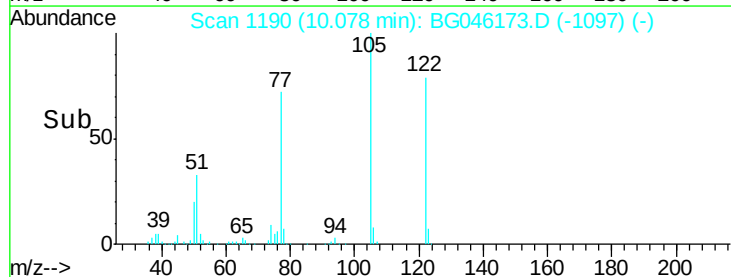
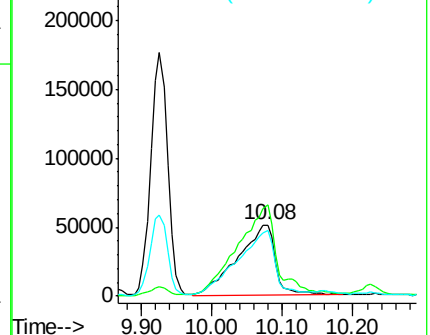
77 92.1 75.2 115.2

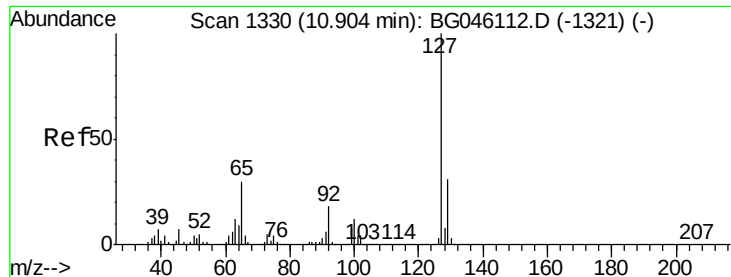


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

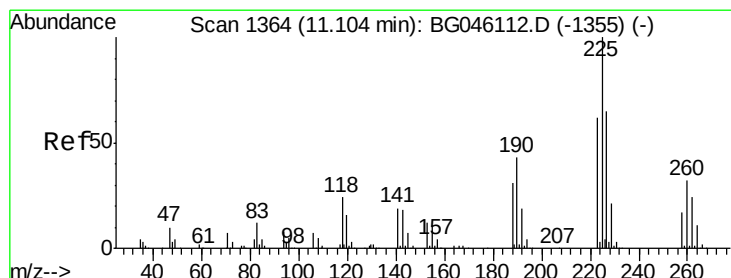
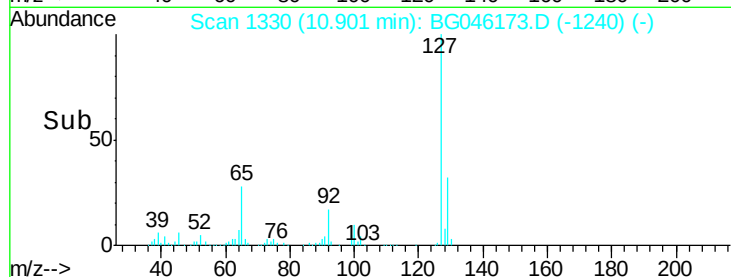
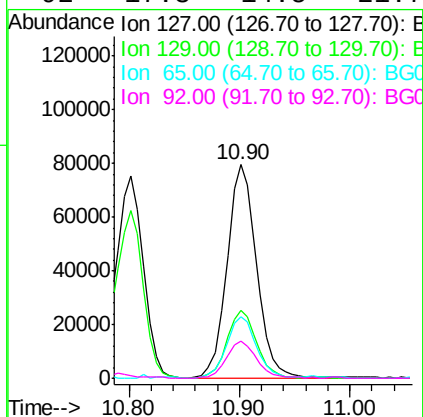
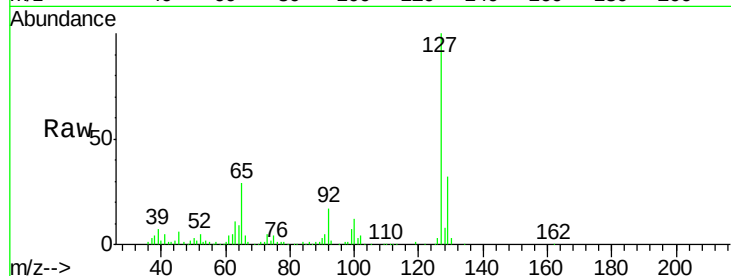




#33
4-Chloroaniline
Concen: 15.784 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

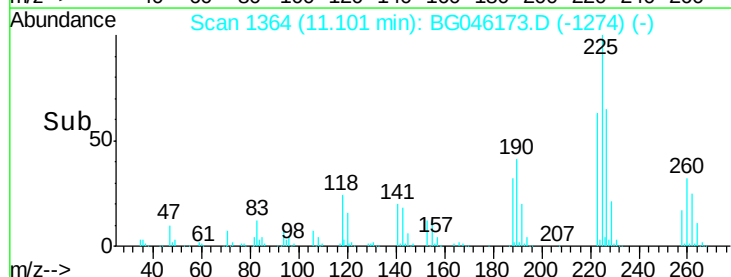
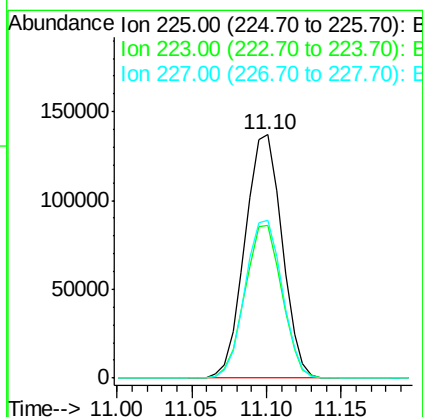
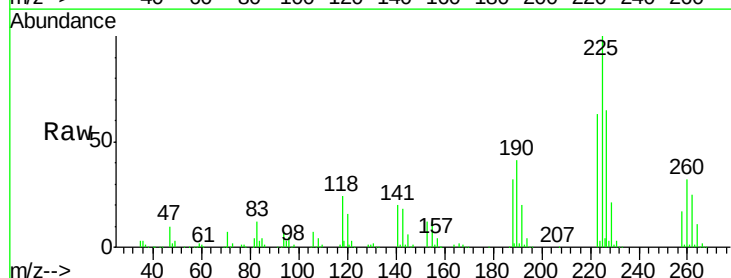
Instrument :
BNA_G
ClientSampleId :
SB-1MS

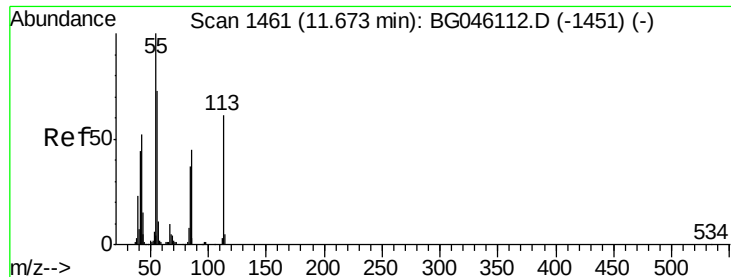
Tot Ion:	127	Resp:	149761
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.2	37.8
65	28.6	24.2	36.2
92	17.3	14.5	21.7



#34
Hexachlorobutadiene
Concen: 40.265 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion:	225	Resp:	235344
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.6
227	65.1	51.9	77.9





#35

Caprolactam

Concen: 21.912 ng

RT: 11.67 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

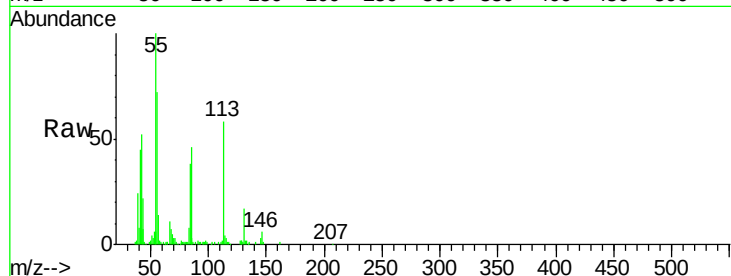
Tot Ion:113 Resp: 53755

Ion Ratio Lower Upper

113 100

55 171.7 144.7 184.7

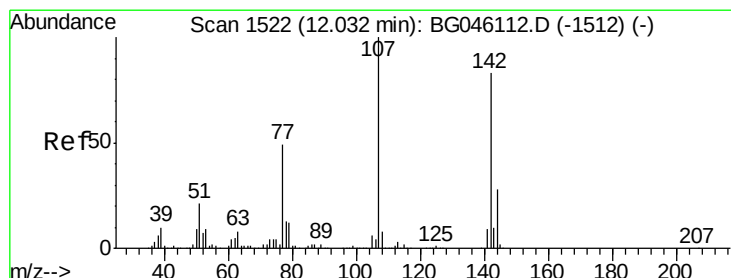
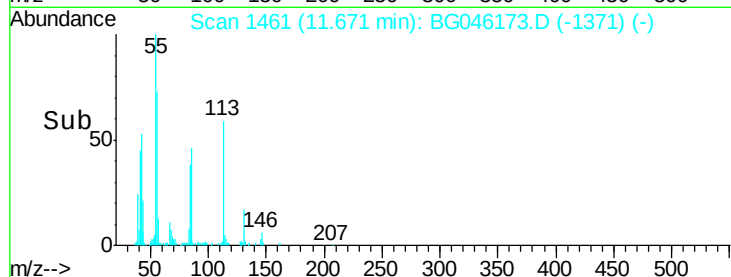
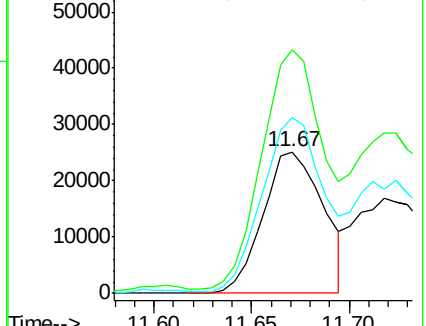
56 123.8 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.675 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

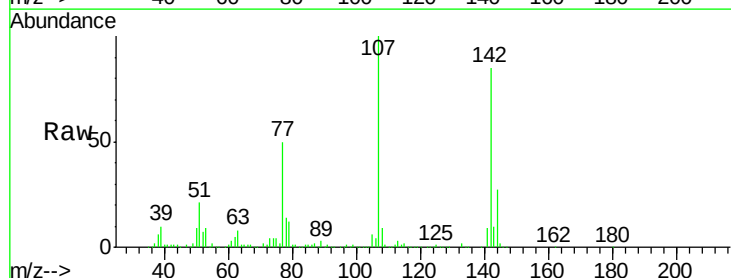
Tgt Ion:107 Resp: 321238

Ion Ratio Lower Upper

107 100

144 27.3 22.4 33.6

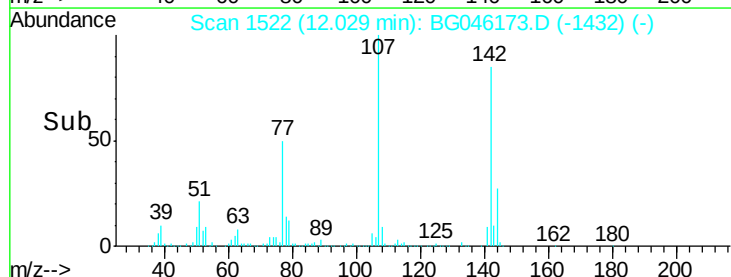
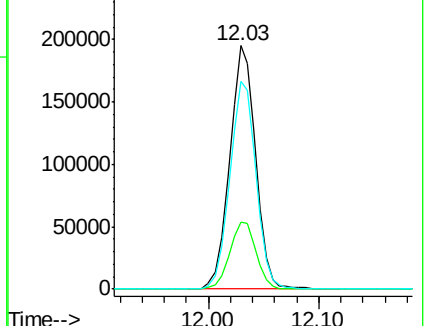
142 85.4 66.6 100.0

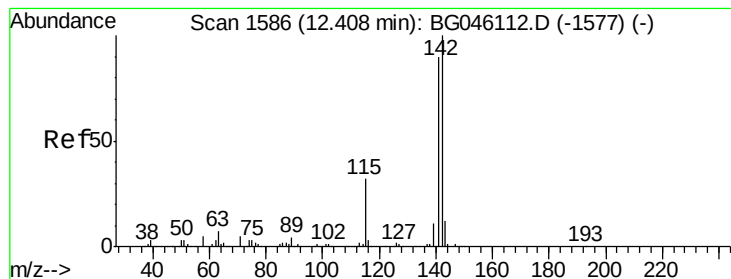


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.397 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

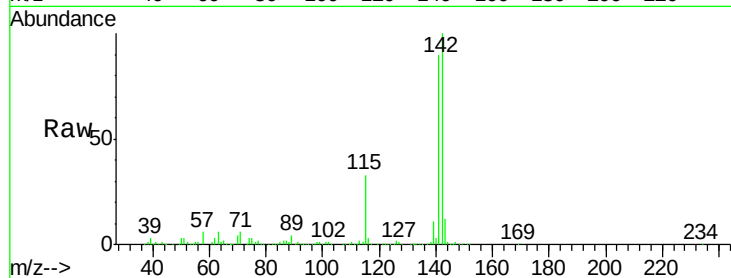
Tot Ion:142 Resp: 721729

Ion Ratio Lower Upper

142 100

141 89.7 71.7 107.5

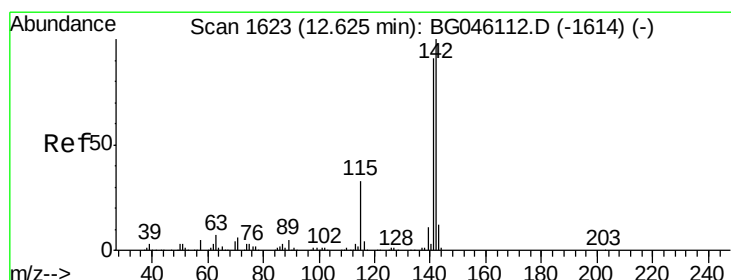
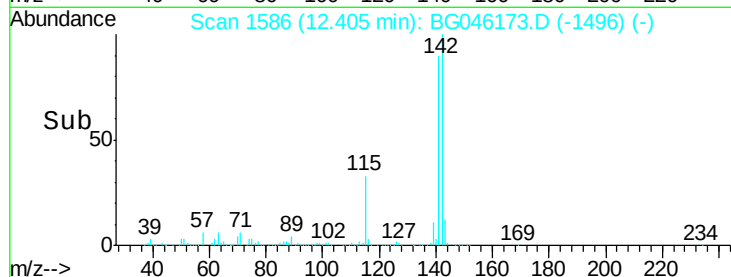
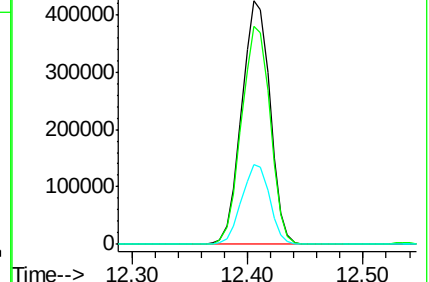
115 32.7 25.8 38.8



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: 40.608 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

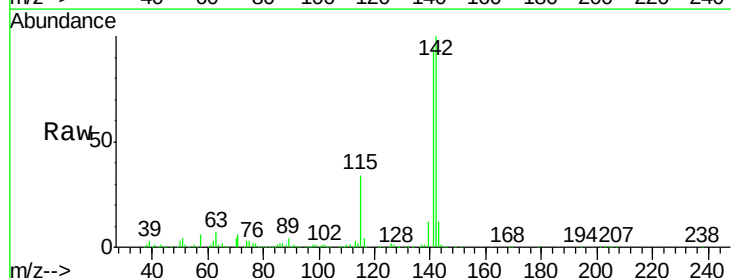
Tgt Ion:142 Resp: 686528

Ion Ratio Lower Upper

142 100

141 93.9 73.0 109.4

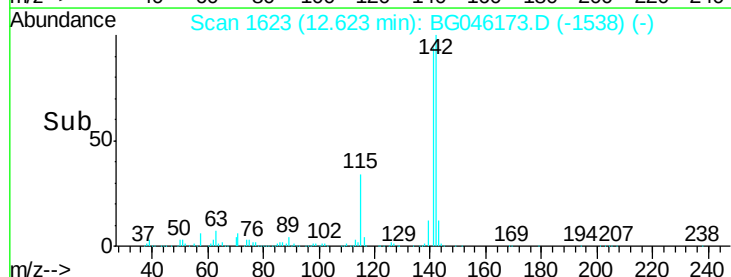
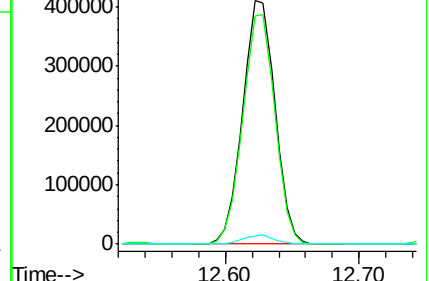
116 3.6 2.8 4.2

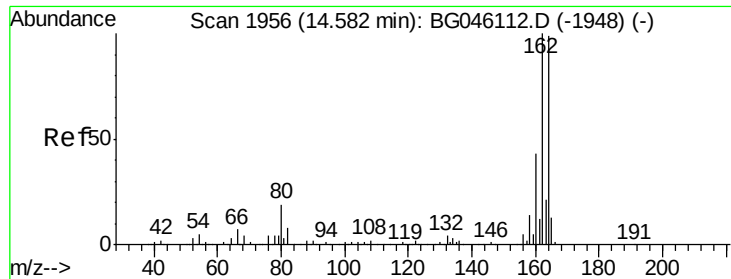


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

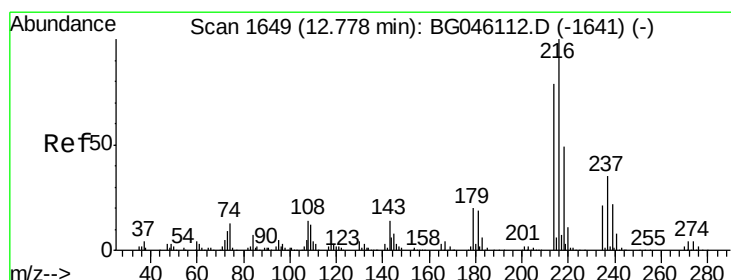
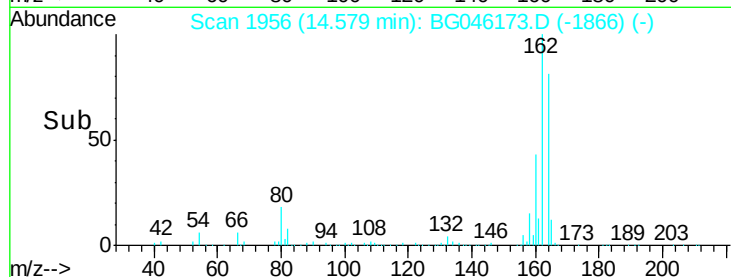
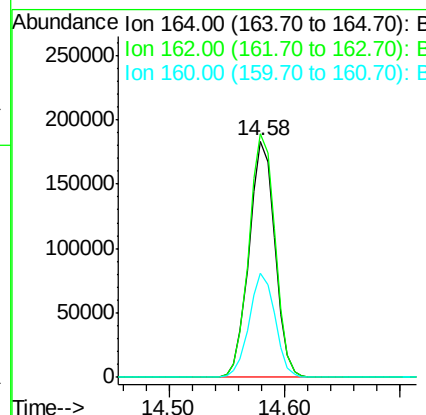
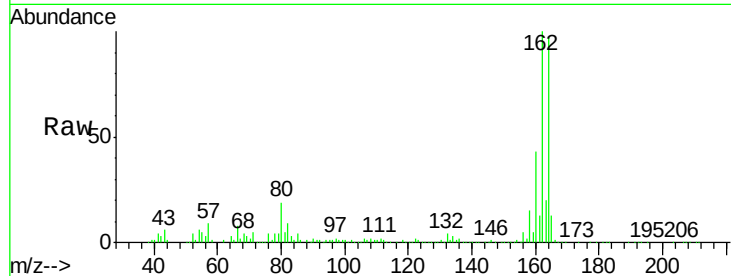




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

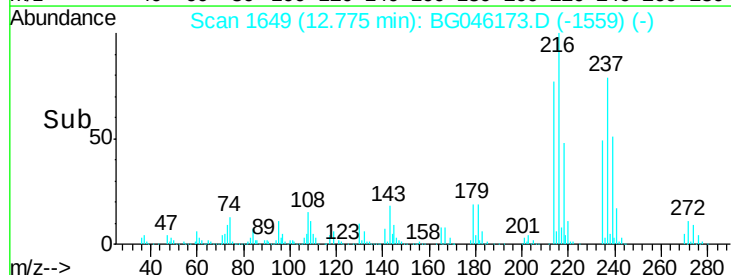
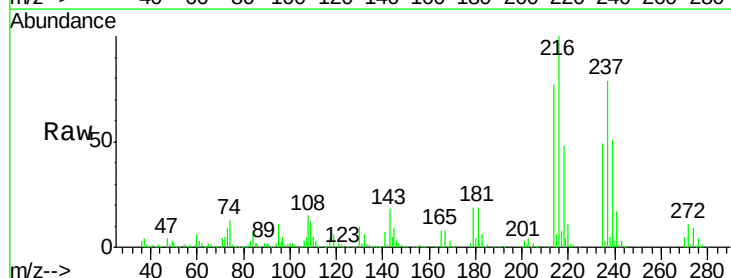
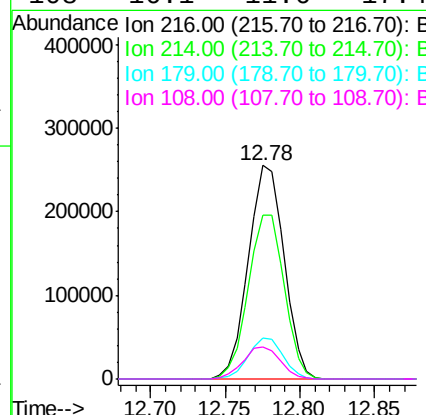
Instrument :
BNA_G
ClientSampleId :
SB-1MS

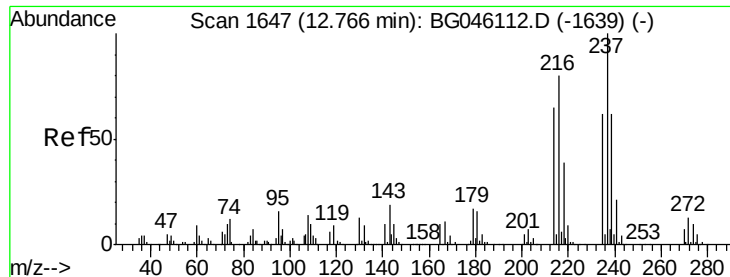
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	121.0
160	44.1	34.9	52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.997 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.7	94.1
179	18.9	15.0	22.6
108	16.1	11.6	17.4





#41

Hexachlorocyclopentadiene

Concen: 85.458 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

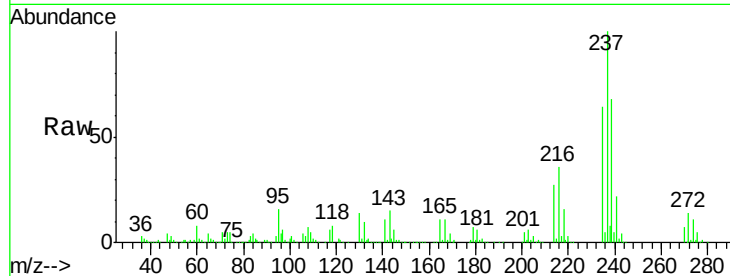
Tot Ion:237 Resp: 504583

Ion Ratio Lower Upper

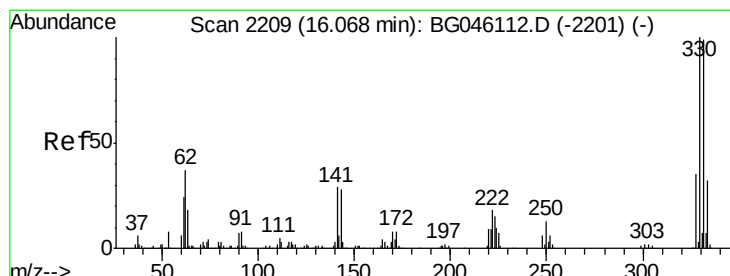
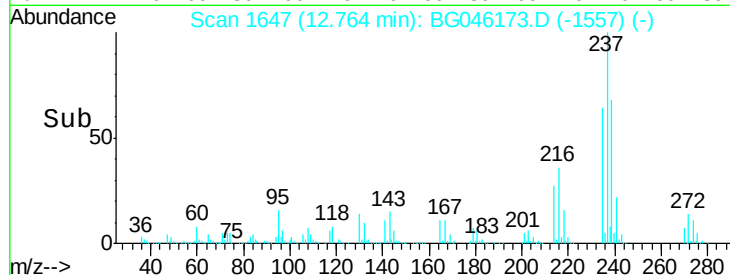
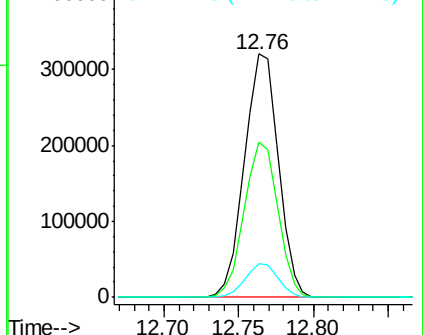
237 100

235 63.9 42.3 82.3

272 14.1 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: 122.201 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

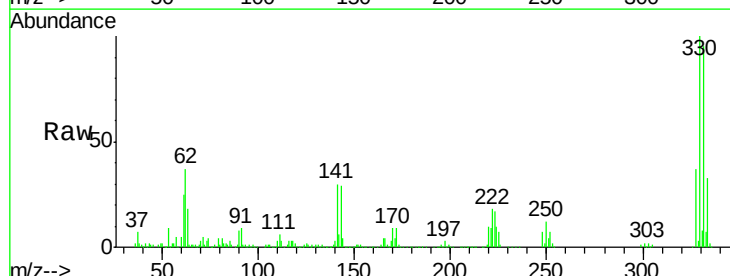
Tgt Ion:330 Resp: 536253

Ion Ratio Lower Upper

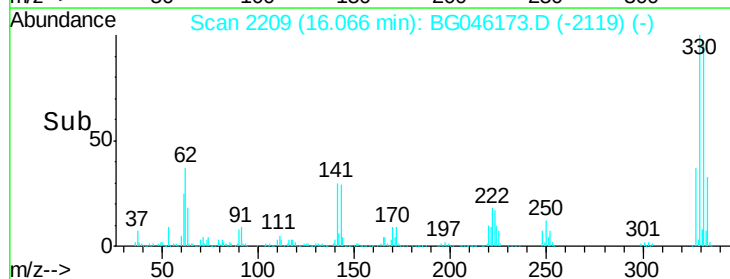
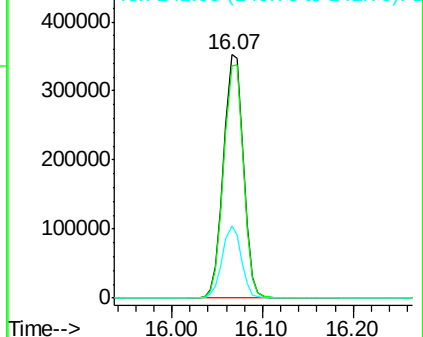
330 100

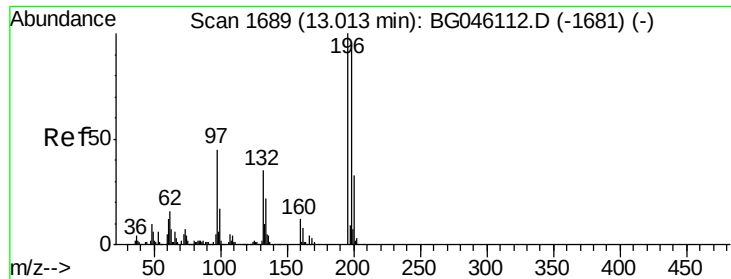
332 95.9 77.4 116.2

141 28.3 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

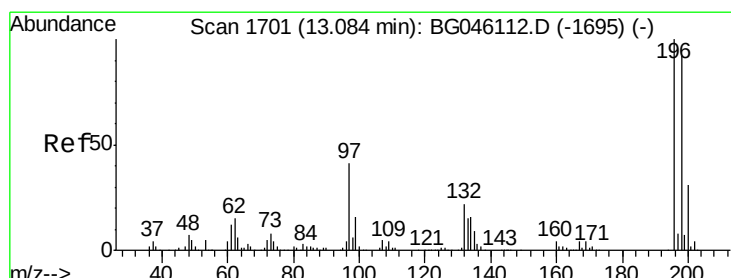
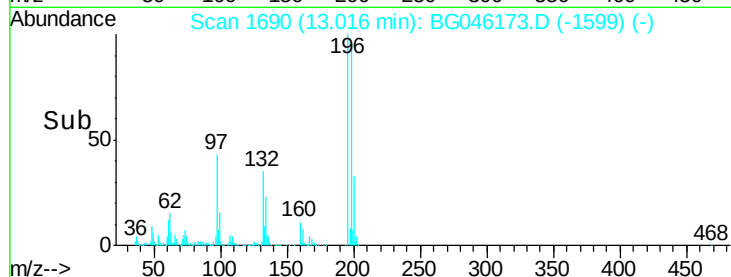
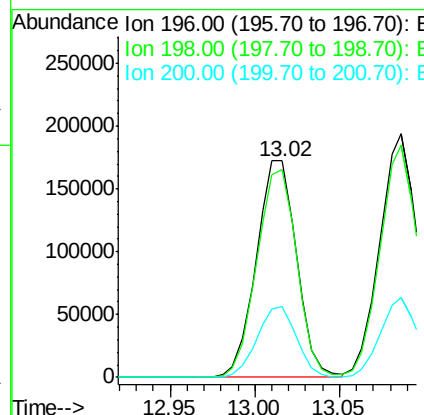
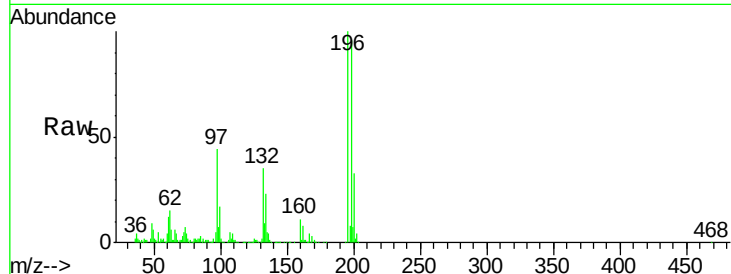




#43
 2,4,6-Trichlorophenol
 Concen: 43.510 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

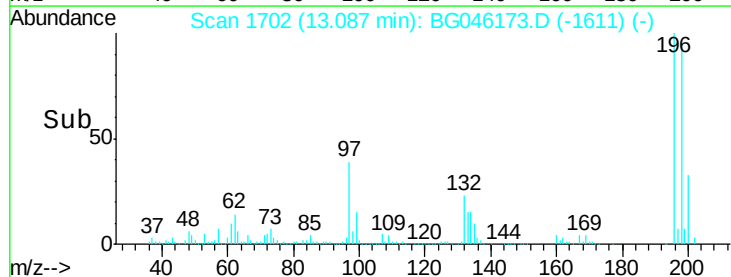
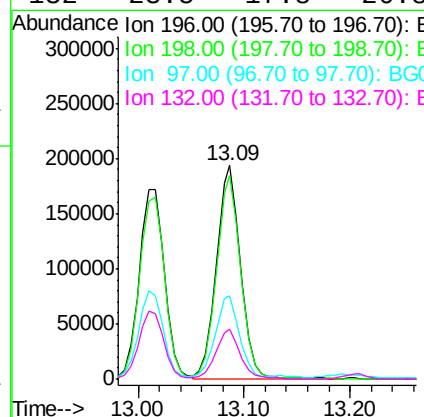
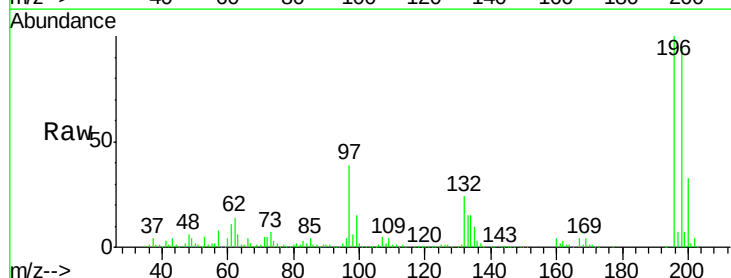
Instrument :
 BNA_G
 ClientSampled :
 SB-1MS

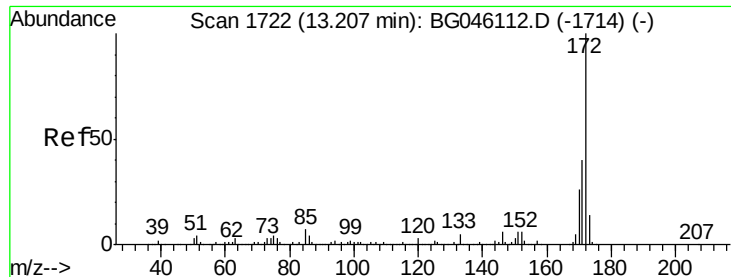
Tot Ion:196 Resp: 285748
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.4
 200 32.7 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.107 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion:196 Resp: 308890
 Ion Ratio Lower Upper
 196 100
 198 95.1 73.9 110.9
 97 38.9 32.7 49.1
 132 23.5 17.8 26.8

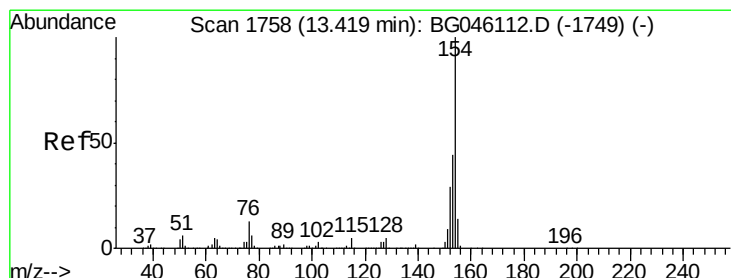
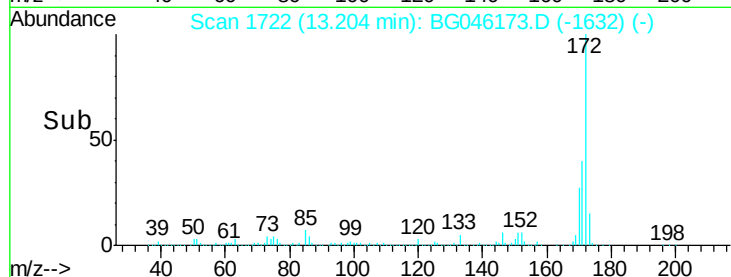
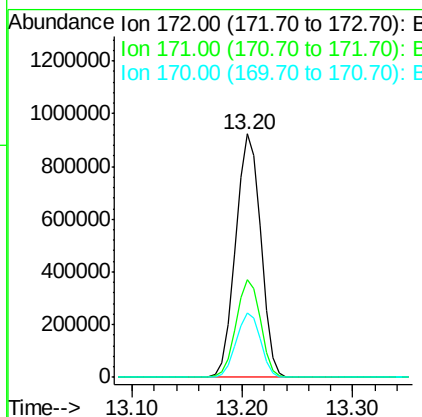
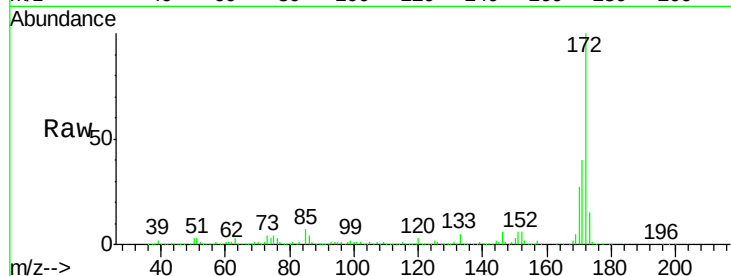




#45
2-Fluorobiphenyl
Concen: 75.156 ng
RT: 13.20 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

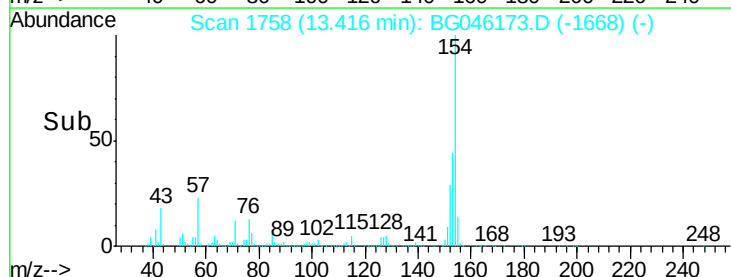
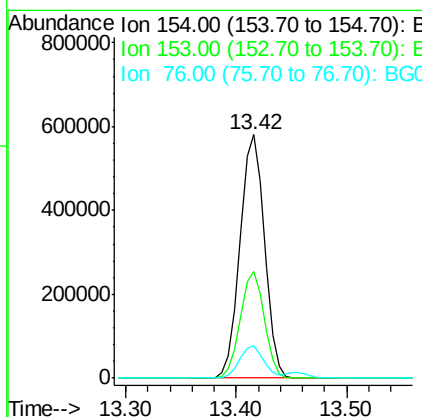
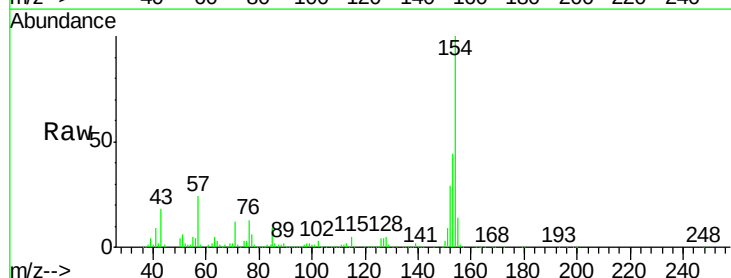
Instrument :
BNA_G
ClientSampleId :
SB-1MS

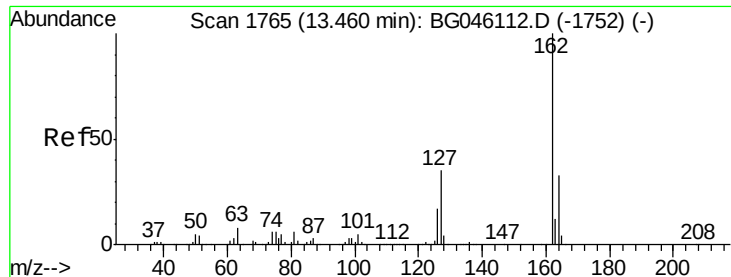
Tot Ion:172 Resp: 1478147
Ion Ratio Lower Upper
172 100
171 40.2 31.7 47.5
170 26.6 20.9 31.3



#46
1,1'-Biphenyl
Concen: 40.476 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion:154 Resp: 907146
Ion Ratio Lower Upper
154 100
153 43.7 23.7 63.7
76 13.4 0.0 32.9

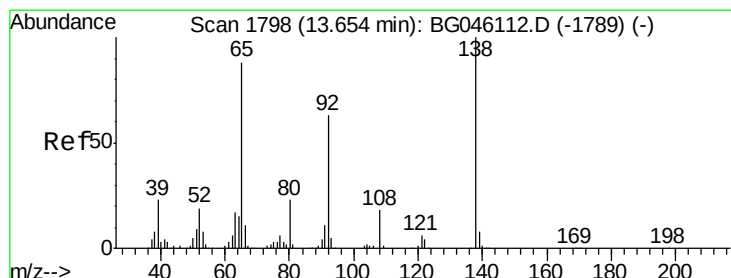
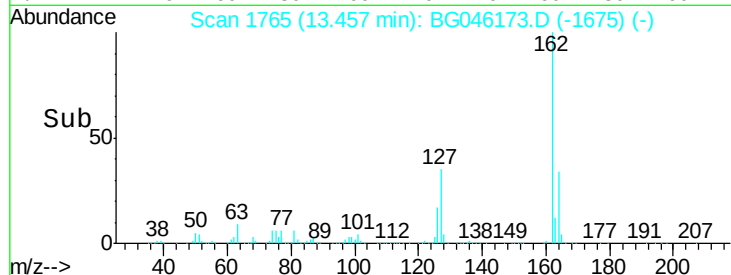
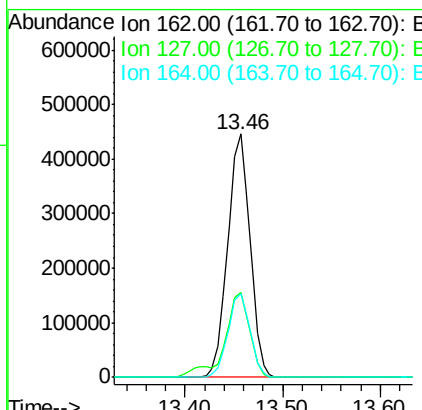
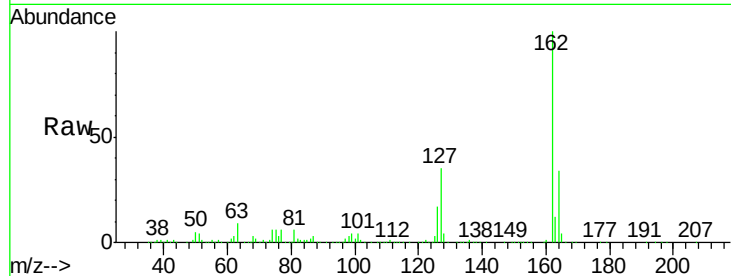




#47
 2-Chloronaphthalene
 Concen: 39.640 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

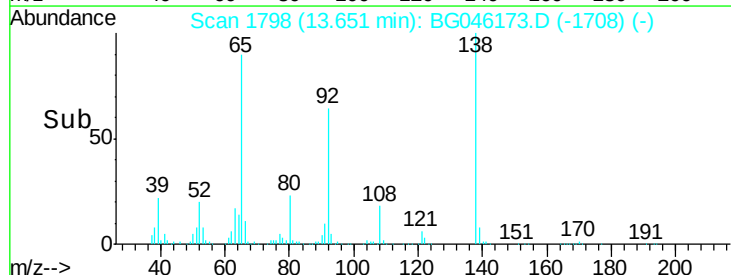
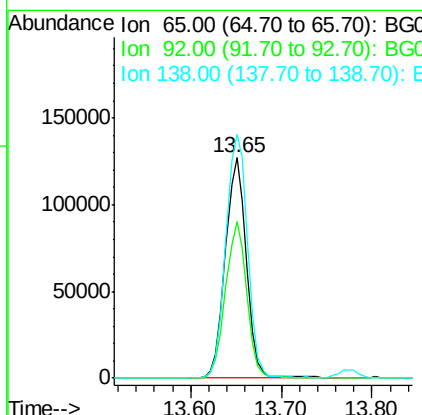
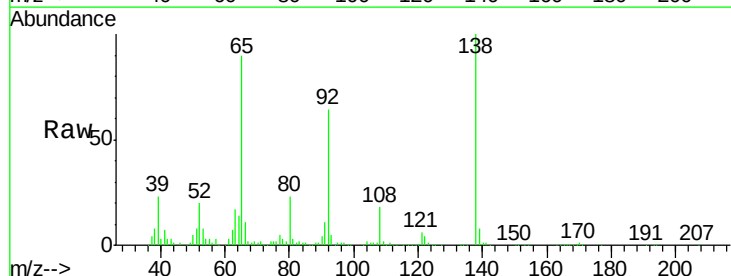
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

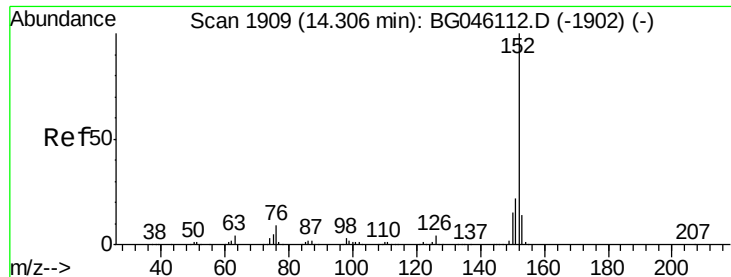
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.0	42.0
164	34.4	26.5	39.7



#48
 2-Nitroaniline
 Concen: 43.942 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.4	86.2
138	110.5	91.1	136.7





#49

Acenaphthylene

Concen: 40.743 ng

RT: 14.30 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

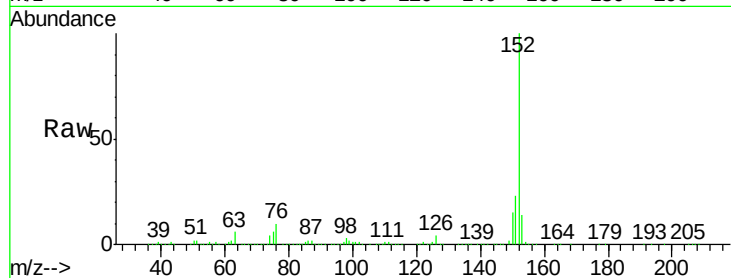
Tot Ion:152 Resp: 1131030

Ion Ratio Lower Upper

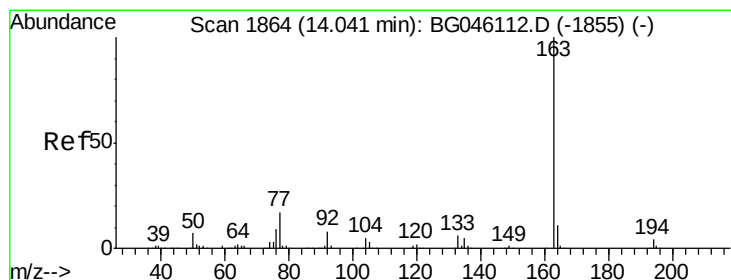
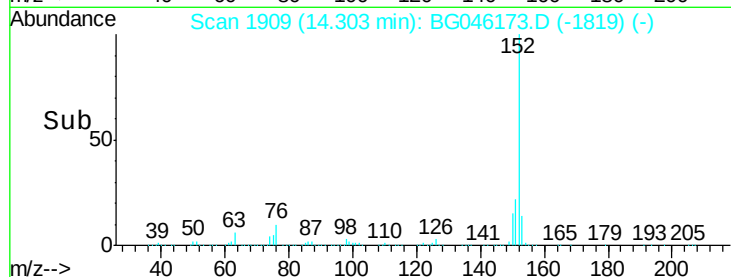
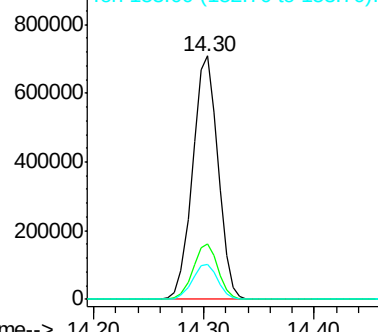
152 100

151 22.5 17.4 26.2

153 14.4 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: 50.687 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

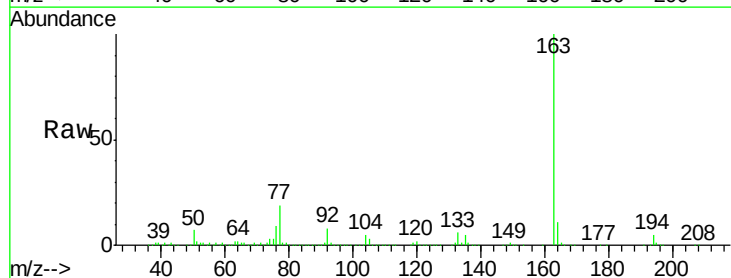
Tgt Ion:163 Resp: 1111468

Ion Ratio Lower Upper

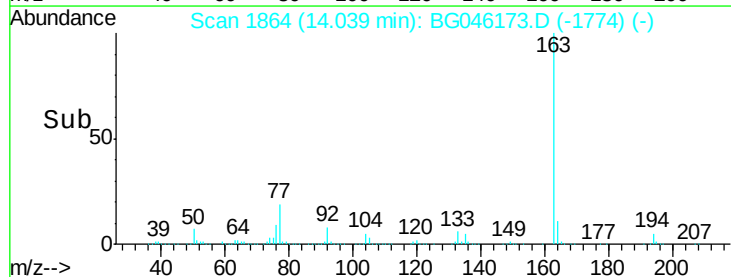
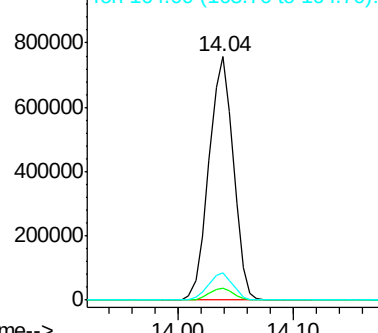
163 100

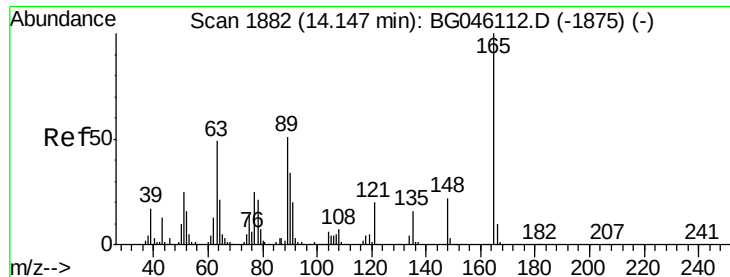
194 4.8 3.5 5.3

164 11.2 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: 40.358 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

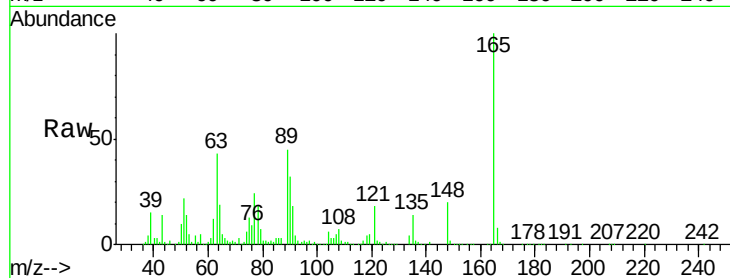
Tot Ion:165 Resp: 205960

Ion Ratio Lower Upper

165 100

63 43.2 39.7 59.5

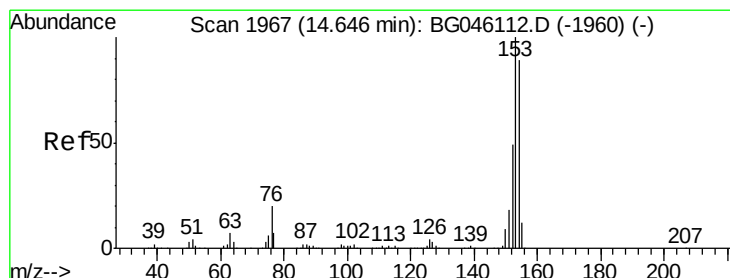
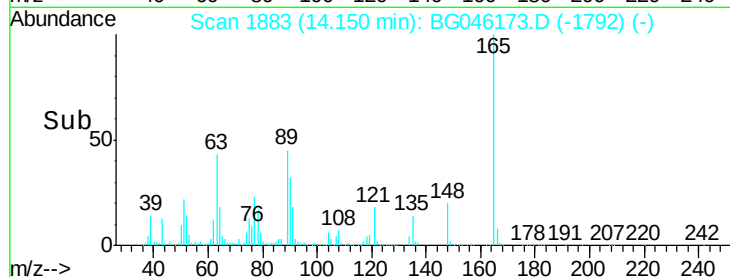
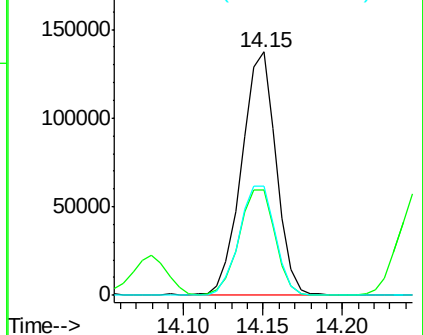
89 45.1 41.0 61.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.892 ng

RT: 14.64 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

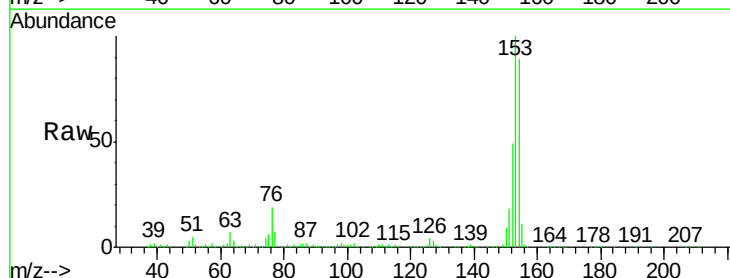
Tgt Ion:154 Resp: 712556

Ion Ratio Lower Upper

154 100

153 112.0 89.8 134.8

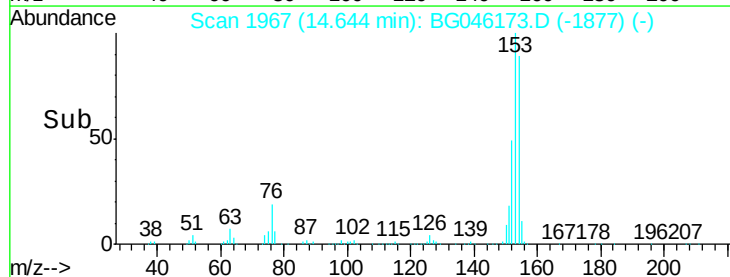
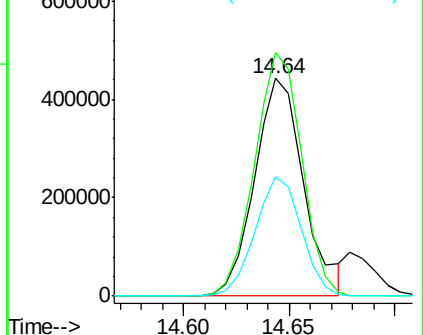
152 55.2 44.5 66.7

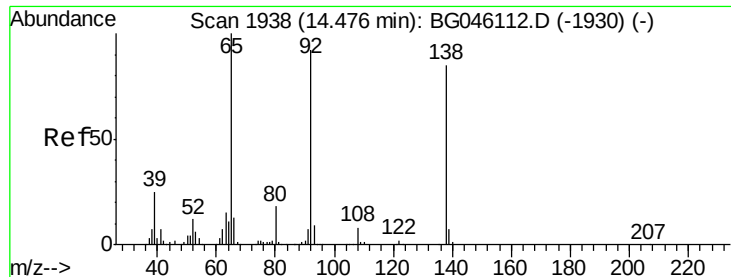


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

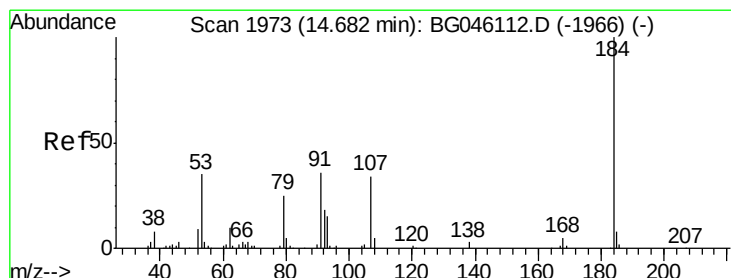
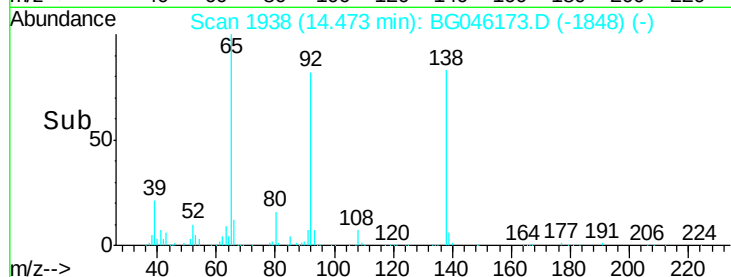
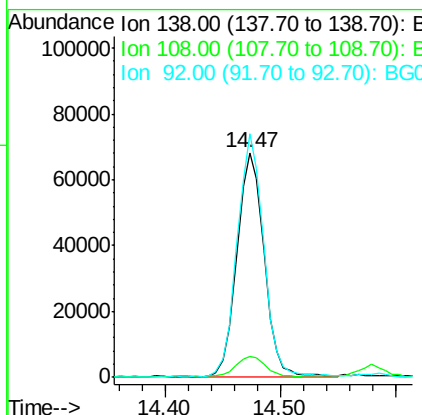
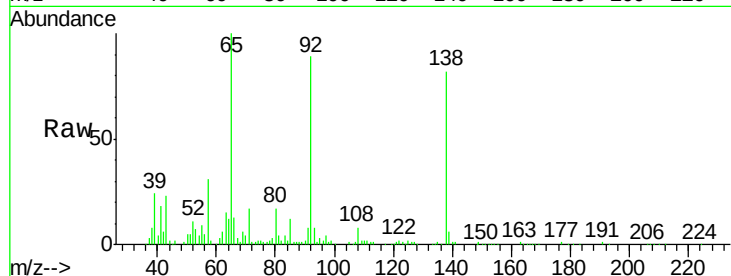




#53
3-Nitroaniline
Concen: 21.833 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

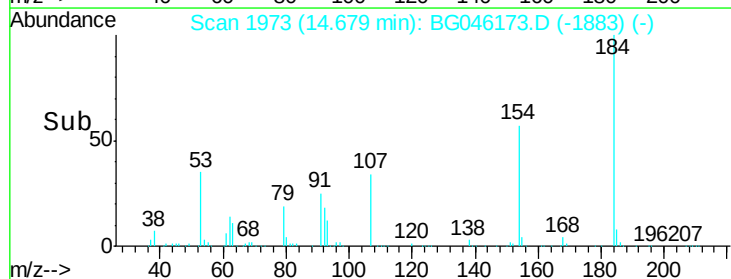
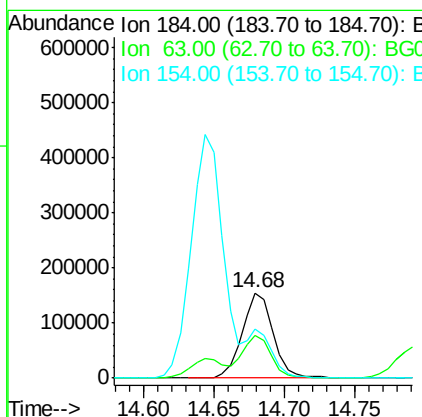
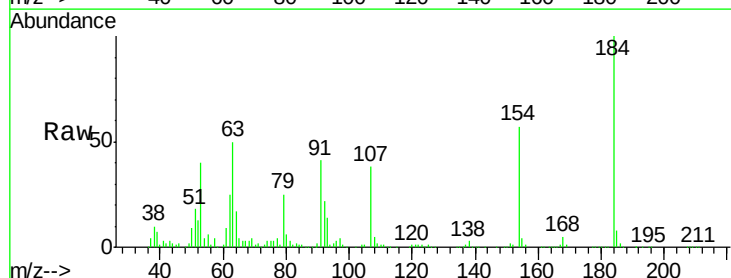
Instrument :
BNA_G
ClientSampleId :
SB-1MS

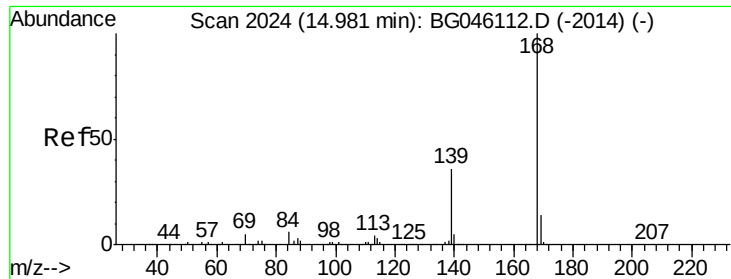
Tot Ion:138 Resp: 110460
Ion Ratio Lower Upper
138 100
108 9.4 7.2 10.8
92 108.5 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 73.391 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion:184 Resp: 235222
Ion Ratio Lower Upper
184 100
63 49.5 36.7 55.1
154 57.2 41.3 61.9

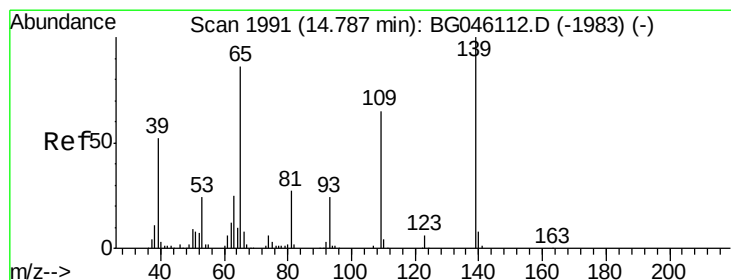
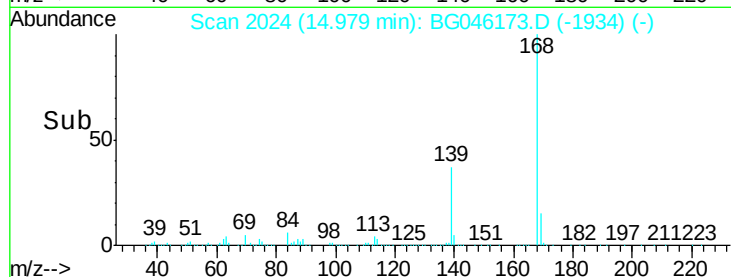
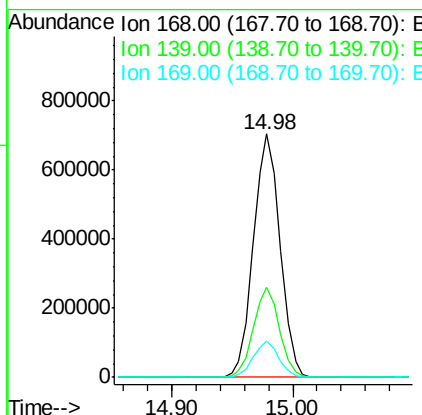
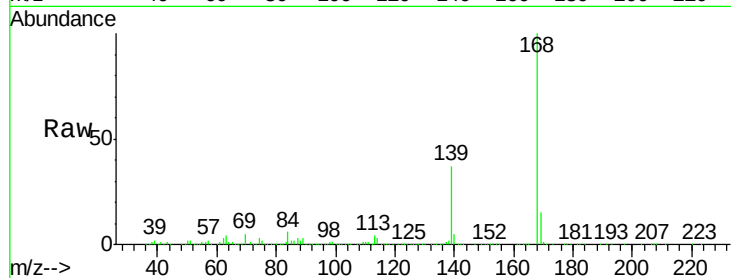




#55
Dibenzenofuran
Concen: 39.043 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

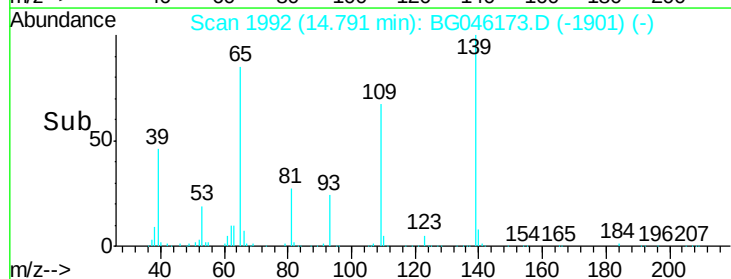
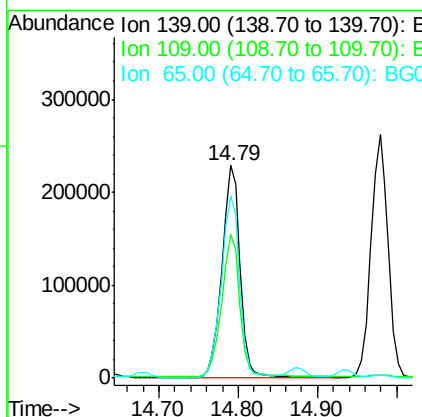
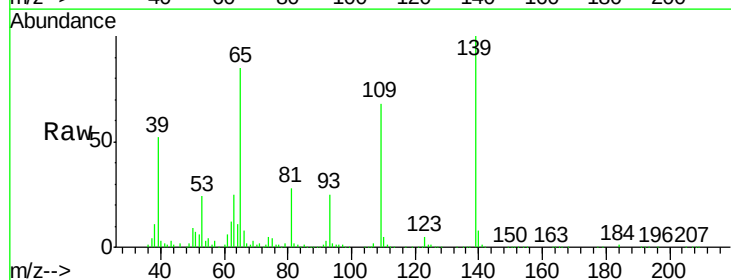
Instrument :
BNA_G
ClientSampleId :
SB-1MS

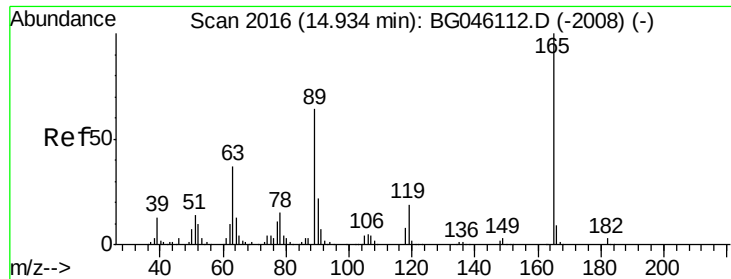
Tot Ion:168 Resp: 1079369
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.4
169 14.9 11.3 16.9



#56
4-Nitrophenol
Concen: 83.249 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion:139 Resp: 365676
Ion Ratio Lower Upper
139 100
109 67.6 45.1 85.1
65 85.3 66.4 106.4

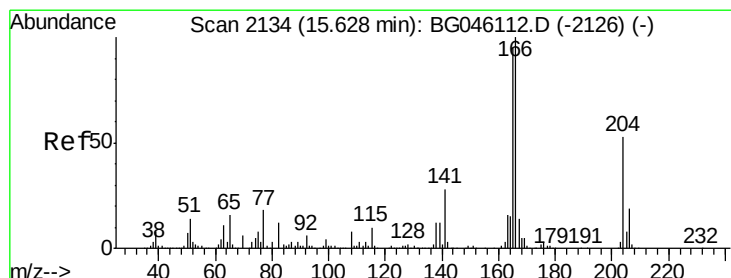
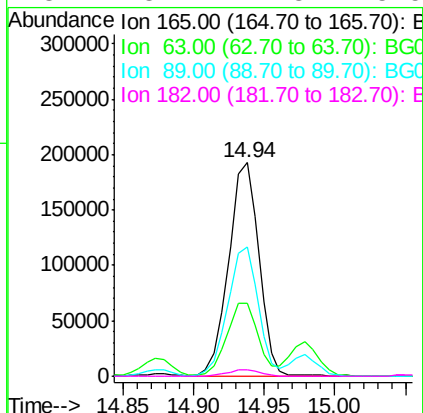
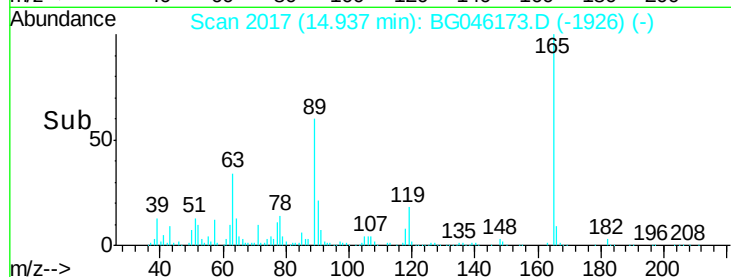
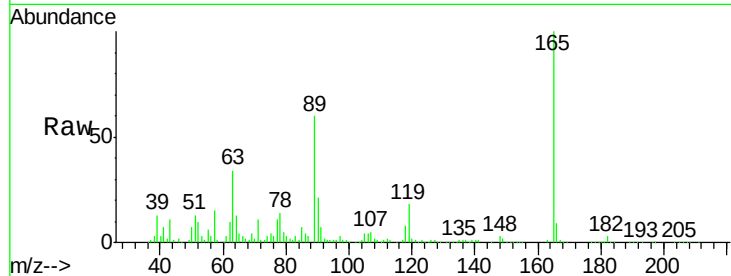




#57
2,4-Dinitrotoluene
Concen: 40.776 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

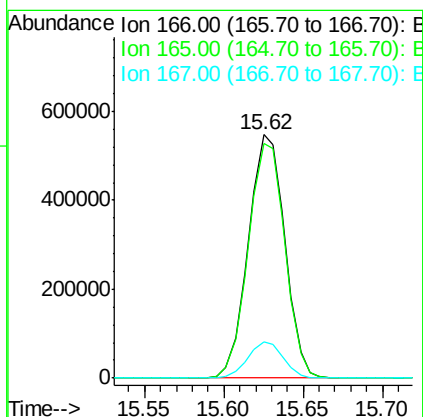
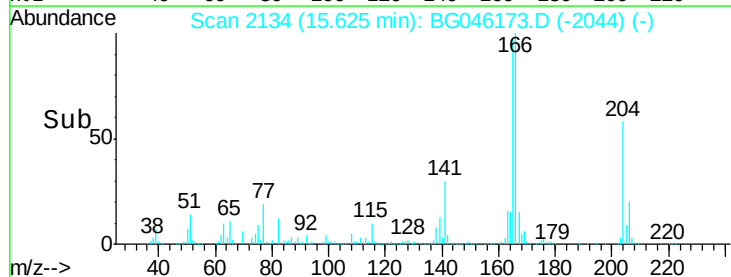
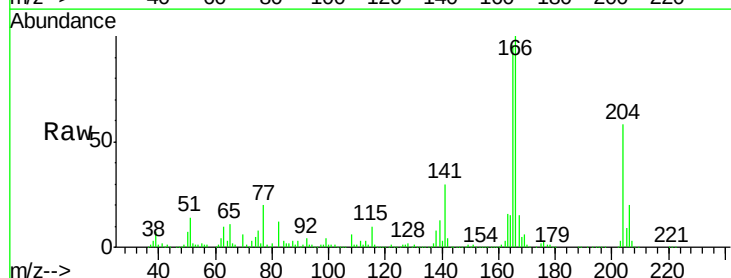
Instrument :
BNA_G
ClientSampleId :
SB-1MS

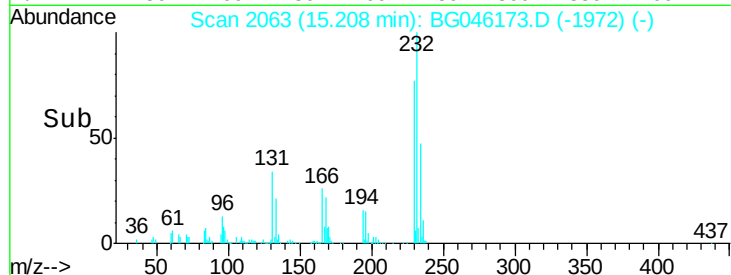
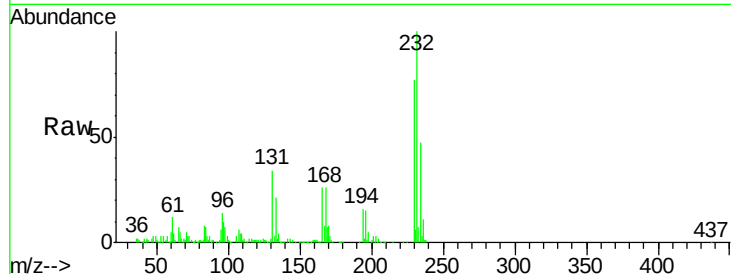
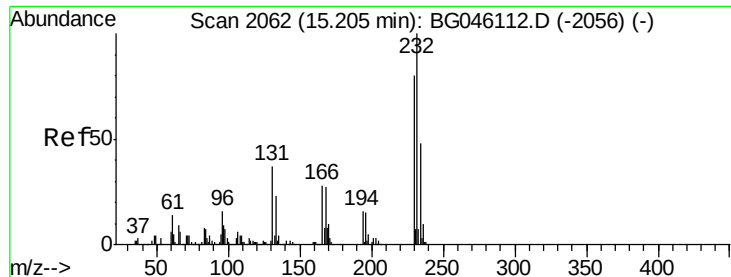
Tot Ion:165 Resp: 286112
Ion Ratio Lower Upper
165 100
63 34.4 30.1 45.1
89 60.3 51.4 77.2
182 3.1 2.3 3.5



#58
Fluorene
Concen: 39.041 ng
RT: 15.62 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion:166 Resp: 874082
Ion Ratio Lower Upper
166 100
165 96.3 76.3 114.5
167 14.8 11.0 16.6

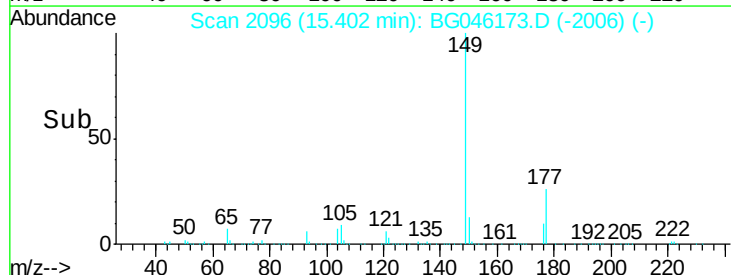
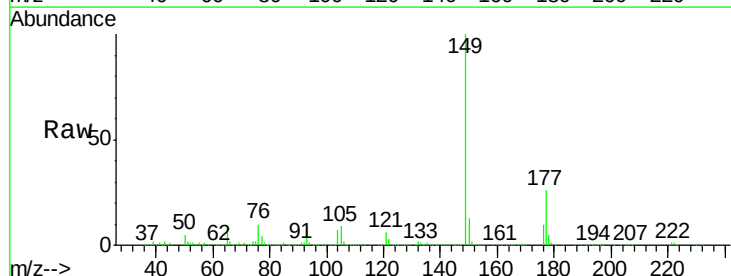
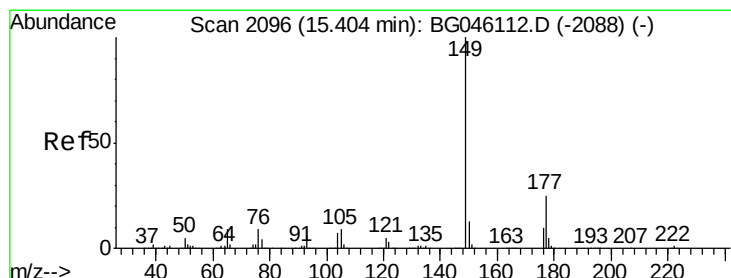
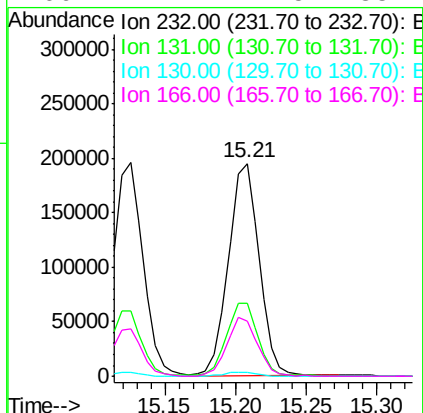




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.807 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

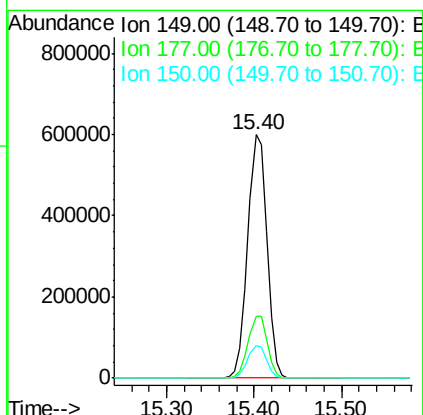
Instrument :
BNA_G
ClientSampleId :
SB-1MS

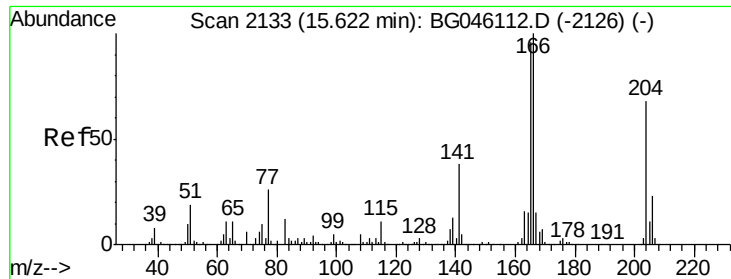
Tot Ion:232	Resp:	295675
Ion Ratio	Lower	Upper
232	100	
131	35.0	28.6 42.8
130	2.0	1.6 2.4
166	27.7	22.5 33.7



#60
Diethylphthalate
Concen: 40.694 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion:149	Resp:	877796
Ion Ratio	Lower	Upper
149	100	
177	25.6	19.7 29.5
150	13.2	10.8 16.2

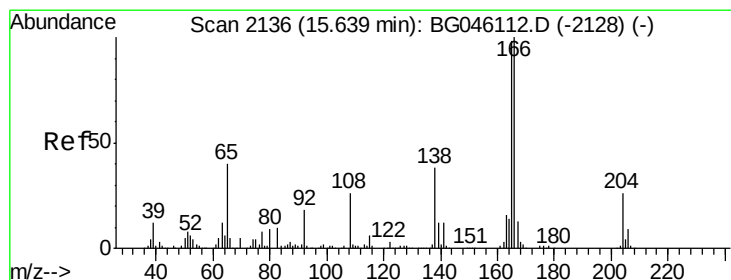
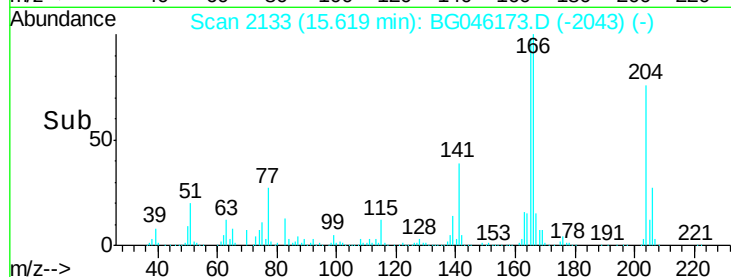
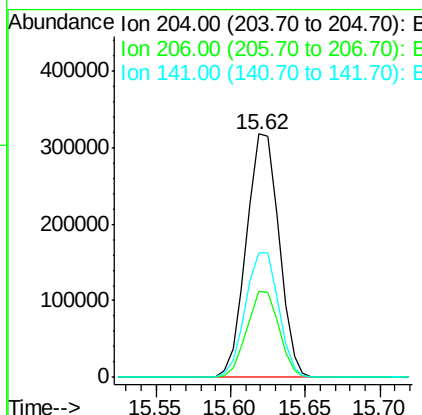
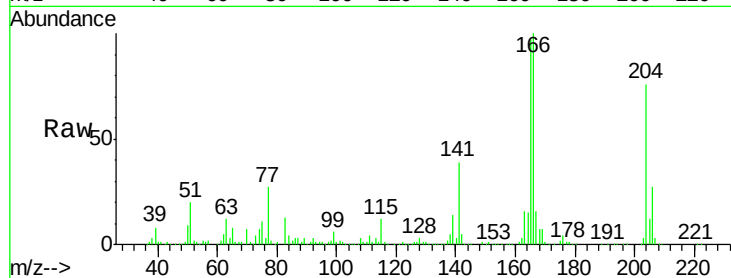




#61
 4-Chlorophenyl-phenylether
 Concen: 40.992 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

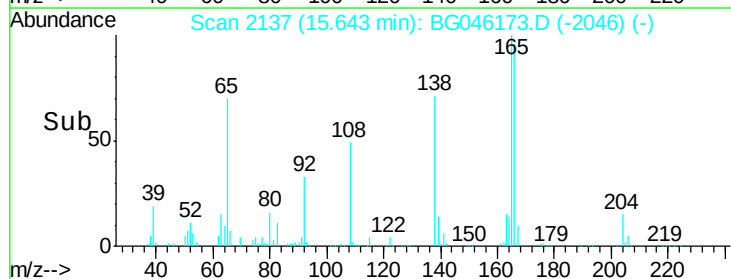
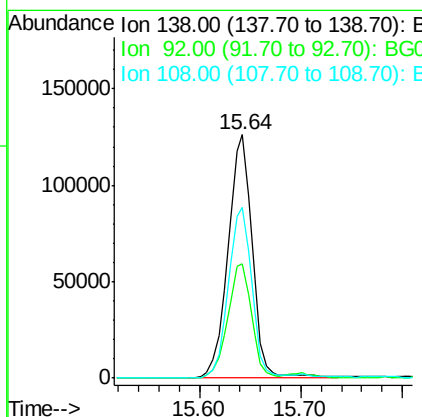
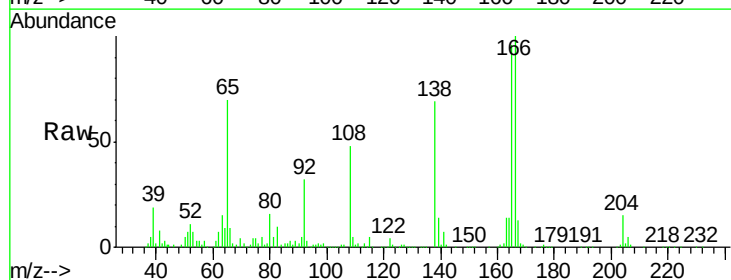
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

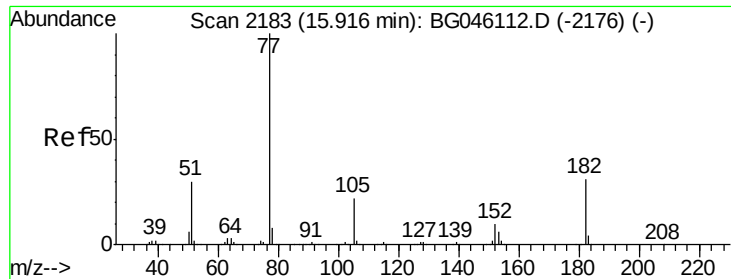
Tot Ion:204 Resp: 479330
 Ion Ratio Lower Upper
 204 100
 206 35.5 27.7 41.5
 141 51.3 44.7 67.1



#62
 4-Nitroaniline
 Concen: 40.980 ng
 RT: 15.64 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion:138 Resp: 208519
 Ion Ratio Lower Upper
 138 100
 92 46.8 28.3 68.3
 108 70.1 49.2 89.2





#63

Azobenzene

Concen: 38.832 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

Tot Ion: 77 Resp: 785023

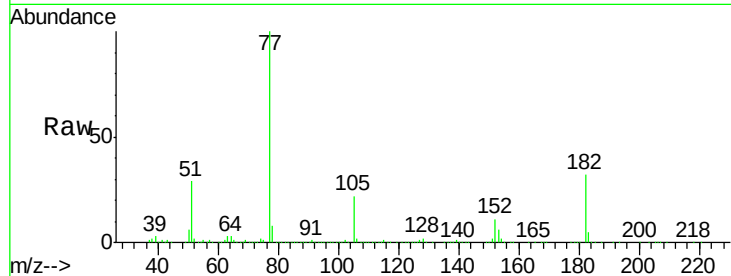
Ion Ratio Lower Upper

77 100

182 31.9 10.7 50.7

105 21.8 1.9 41.9

51 29.0 9.5 49.5

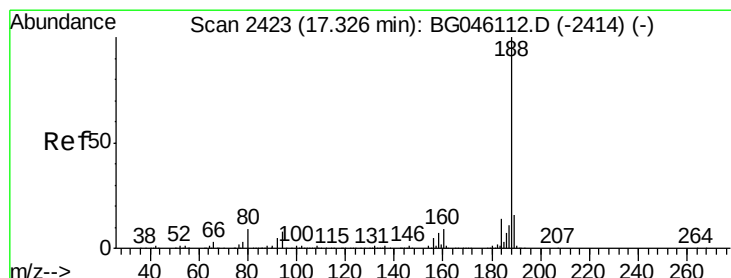
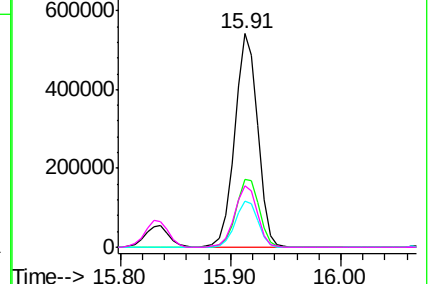
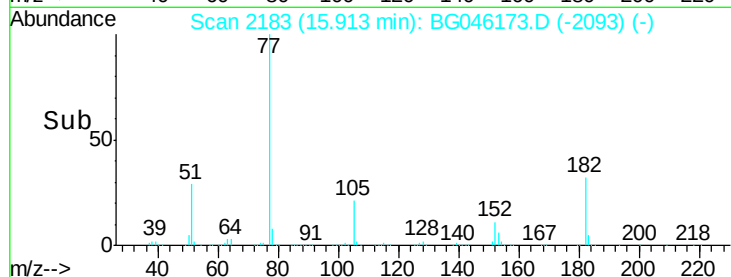


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

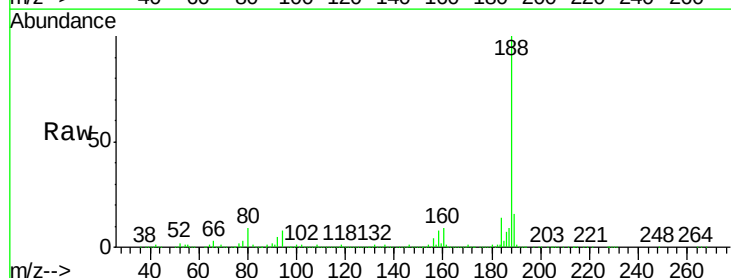
Tgt Ion: 188 Resp: 664196

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

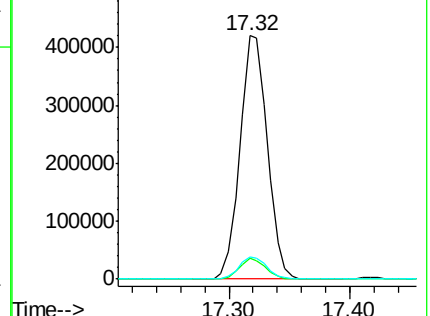
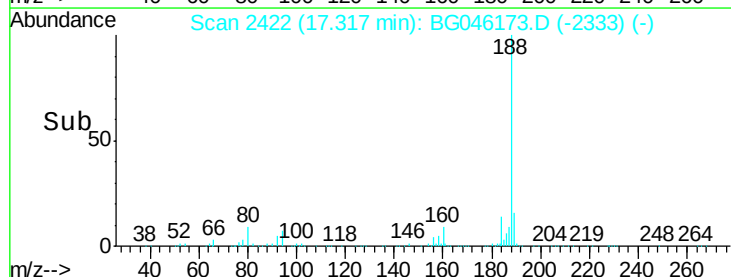
80 9.2 7.4 11.0

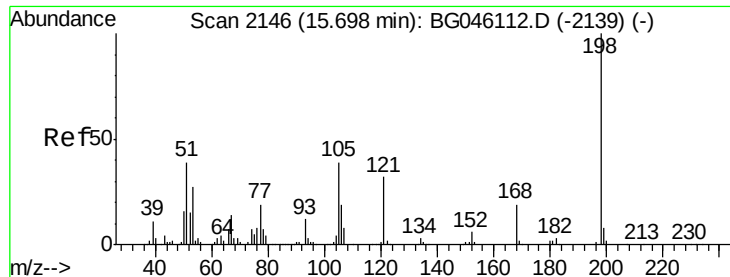


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.069 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

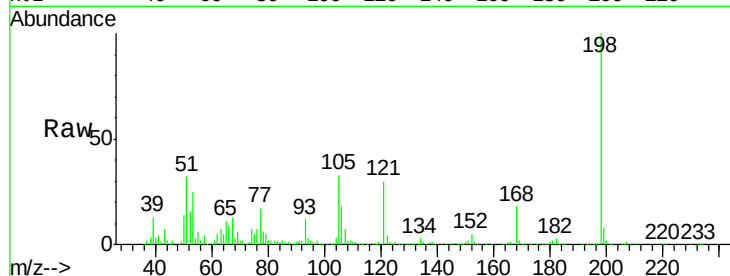
Tot Ion:198 Resp: 176009

Ion	Ratio	Lower	Upper
198	100		
51	32.0	20.1	60.1
105	33.5	19.2	59.2

198 100

51 32.0 20.1 60.1

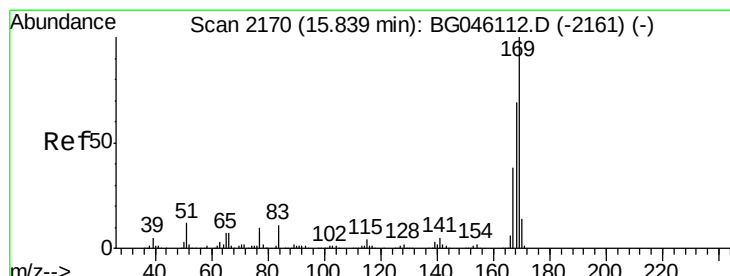
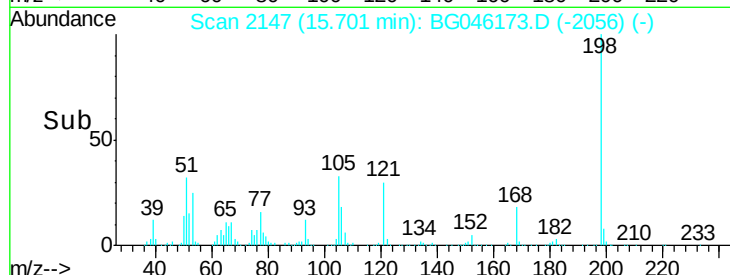
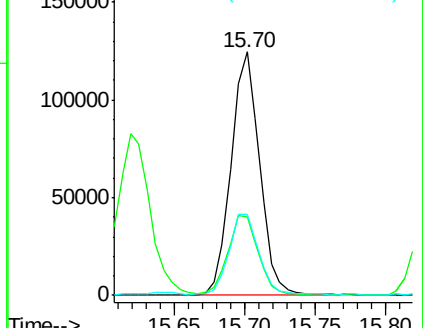
105 33.5 19.2 59.2



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: 40.380 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

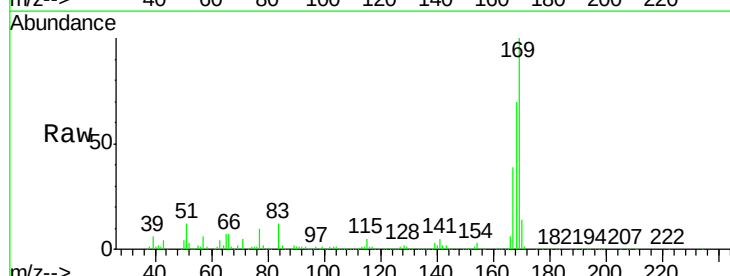
Tgt Ion:169 Resp: 811845

Ion	Ratio	Lower	Upper
169	100		
168	70.5	55.1	82.7
167	39.1	30.5	45.7

169 100

168 70.5 55.1 82.7

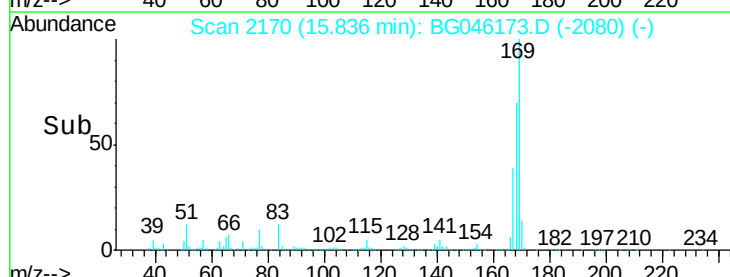
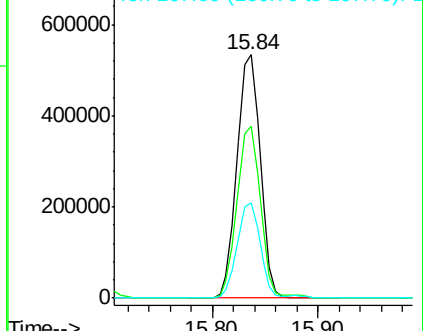
167 39.1 30.5 45.7

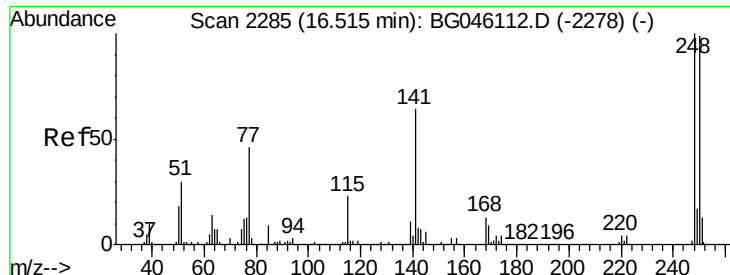


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

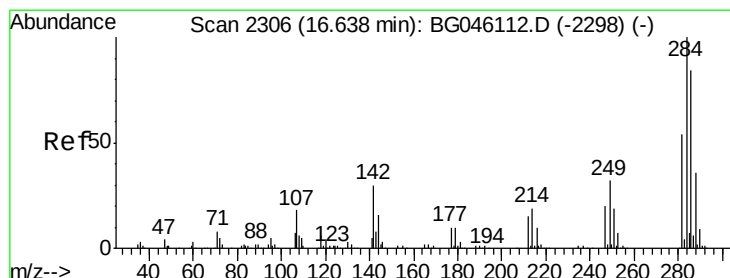
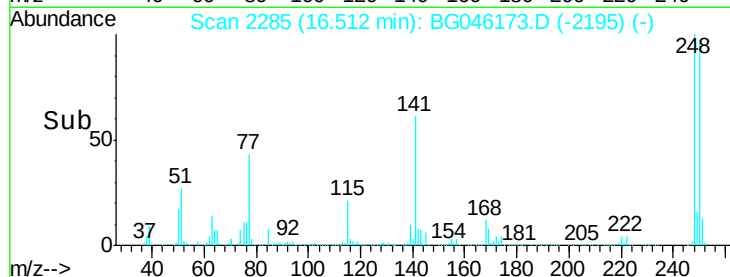
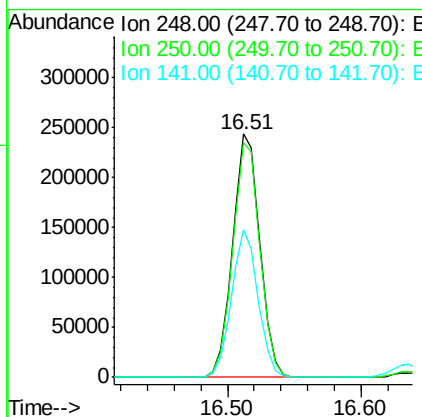
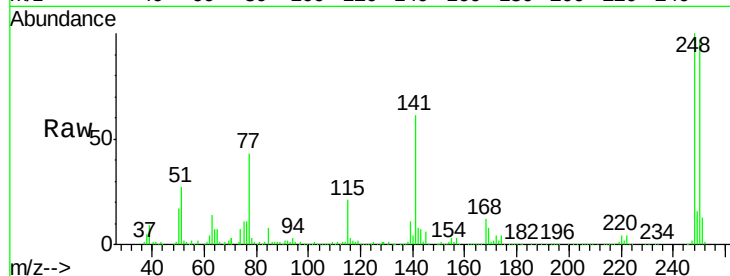




#67
 4-Bromophenyl-phenylether
 Concen: 42.031 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

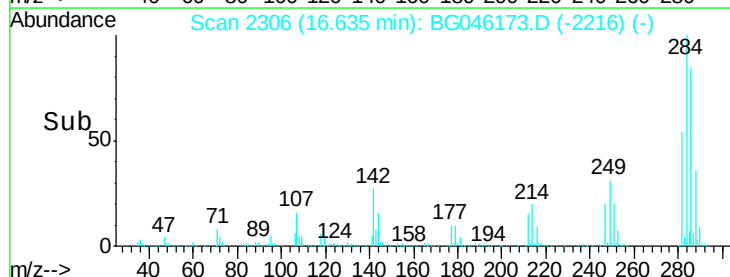
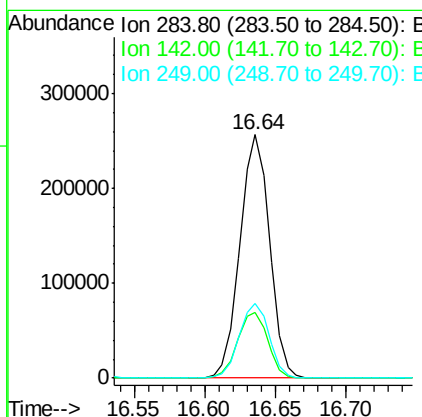
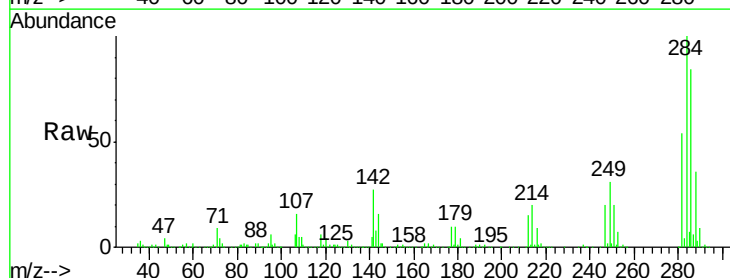
Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

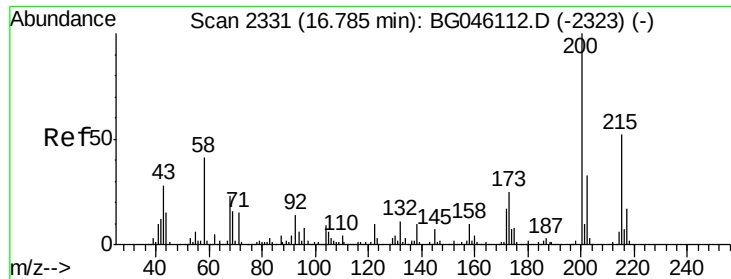
Tot Ion:248 Resp: 344893
 Ion Ratio Lower Upper
 248 100
 250 96.6 79.4 119.0
 141 60.7 50.9 76.3



#68
 Hexachlorobenzene
 Concen: 40.898 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion:284 Resp: 376302
 Ion Ratio Lower Upper
 284 100
 142 27.1 23.6 35.4
 249 30.8 25.3 37.9





#69

Atrazine

Concen: 38.708 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

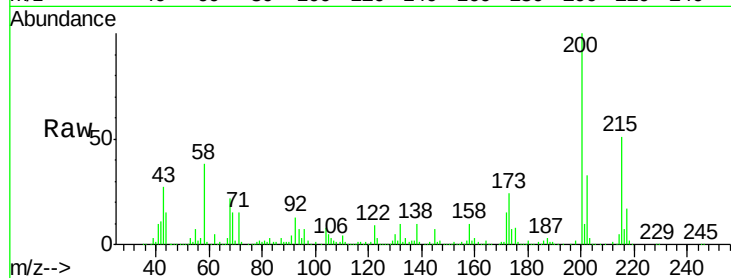
Tot Ion:200 Resp: 299675

Ion Ratio Lower Upper

200 100

173 24.4 5.3 45.3

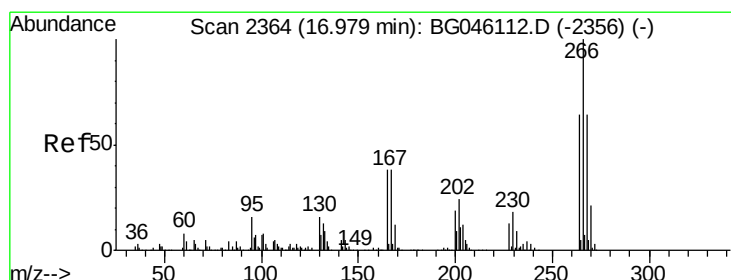
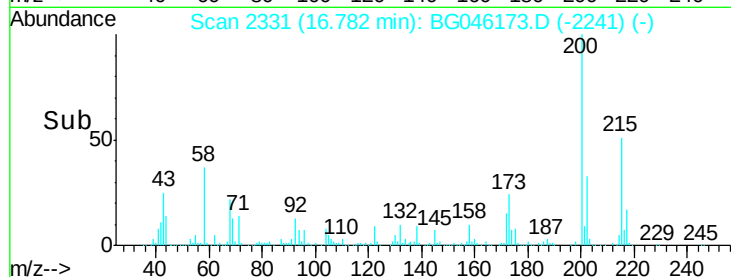
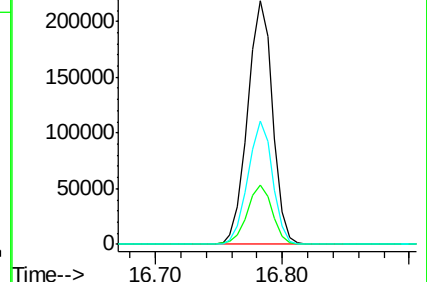
215 50.5 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.043 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

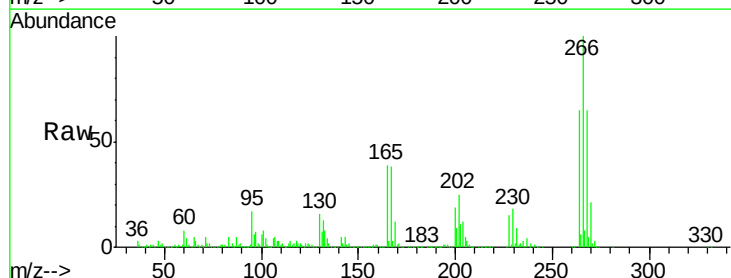
Tgt Ion:266 Resp: 501740

Ion Ratio Lower Upper

266 100

268 64.7 51.2 76.8

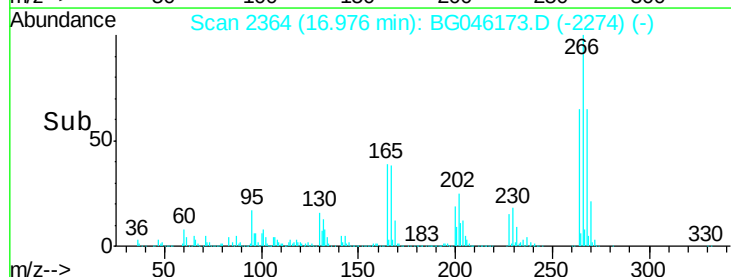
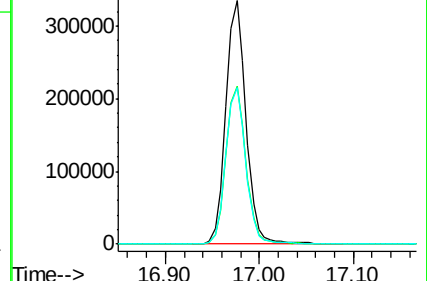
264 64.5 51.1 76.7

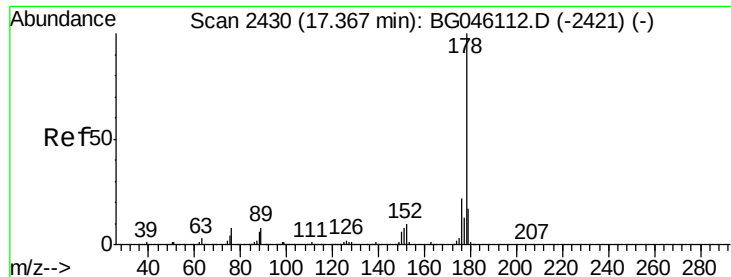


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

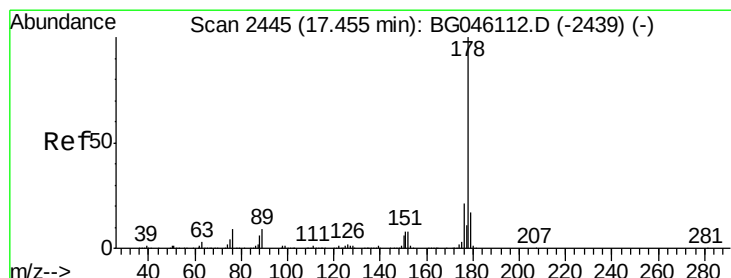
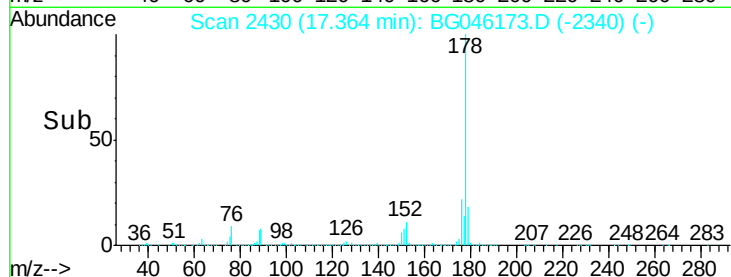
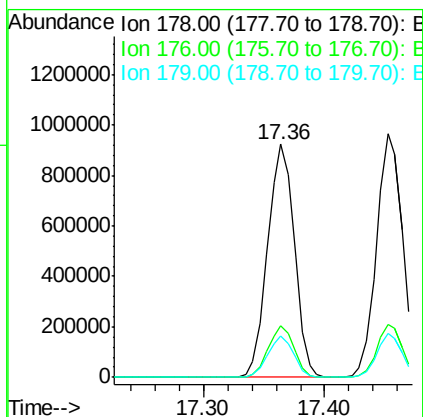
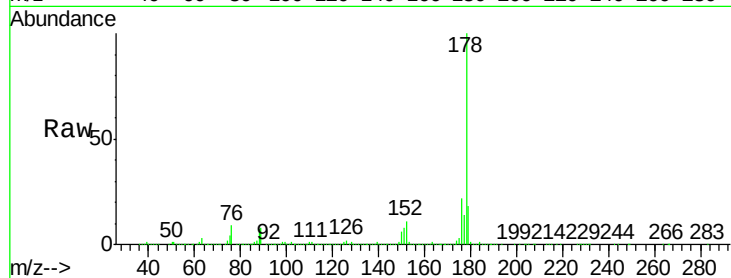




#71
Phenanthrene
Concen: 38.844 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

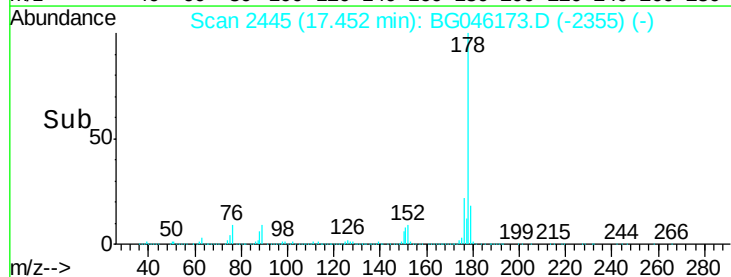
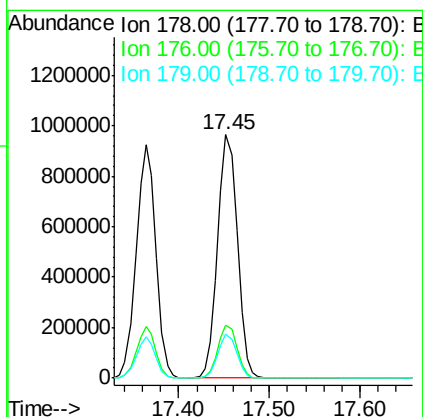
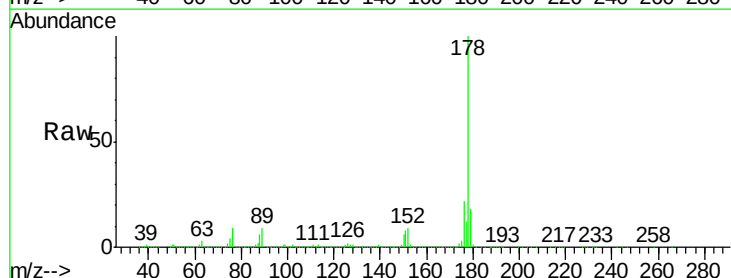
Instrument :
BNA_G
ClientSampleId :
SB-1MS

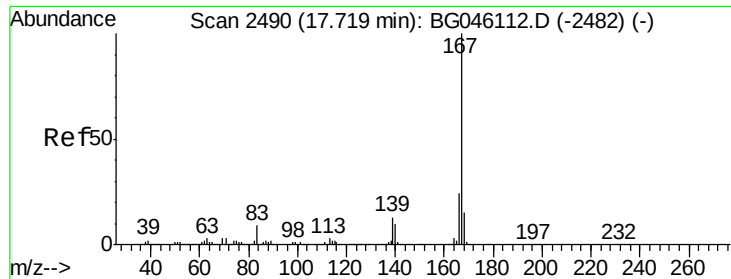
Tot Ion:178 Resp: 1413284
Ion Ratio Lower Upper
178 100
176 22.0 17.3 25.9
179 18.0 13.8 20.6



#72
Anthracene
Concen: 40.276 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG046173.D
Acq: 5 Aug 2020 13:51

Tgt Ion:178 Resp: 1457587
Ion Ratio Lower Upper
178 100
176 21.9 16.6 24.8
179 18.0 13.4 20.2



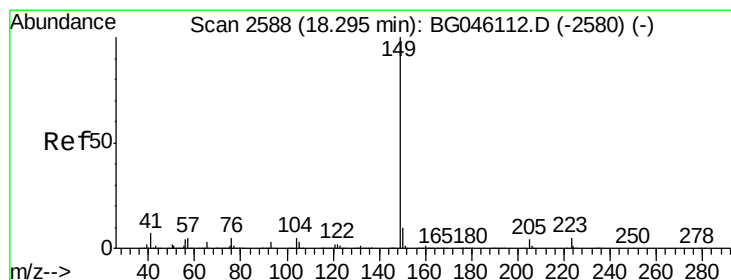
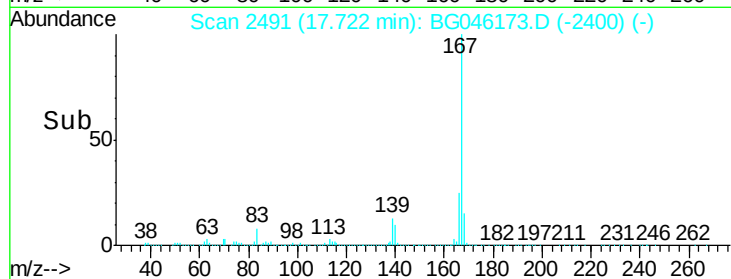
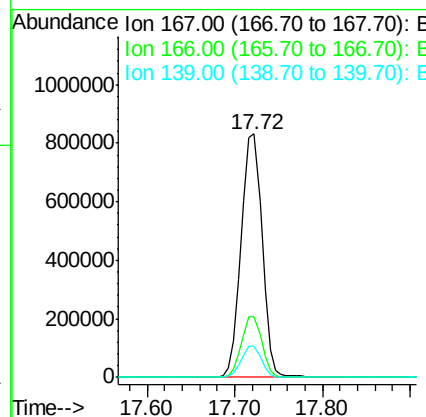
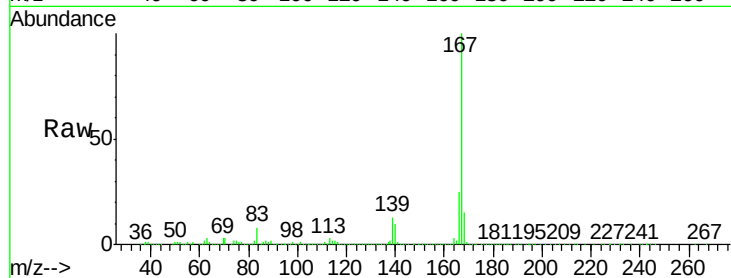


#73
 Carbazole
 Concen: 38.628 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-1MS

Tot Ion:167 Resp: 1347967

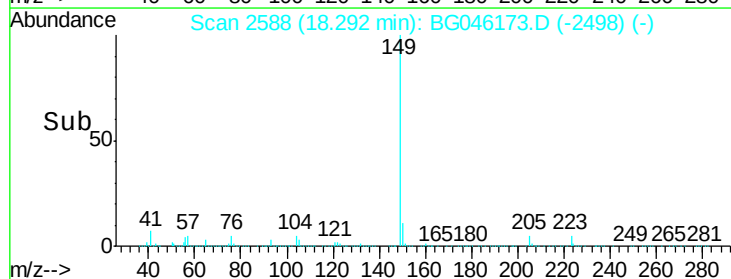
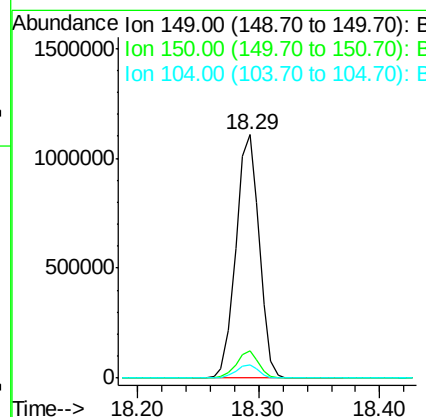
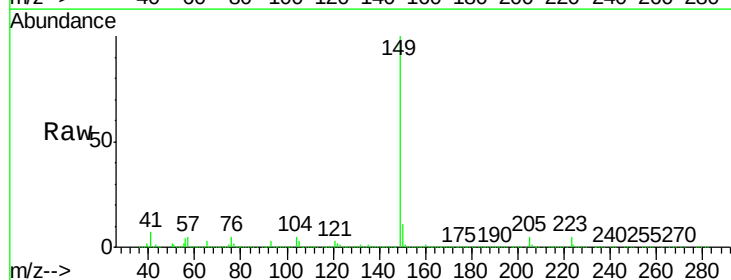
Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.4	29.0
139	12.6	10.1	15.1

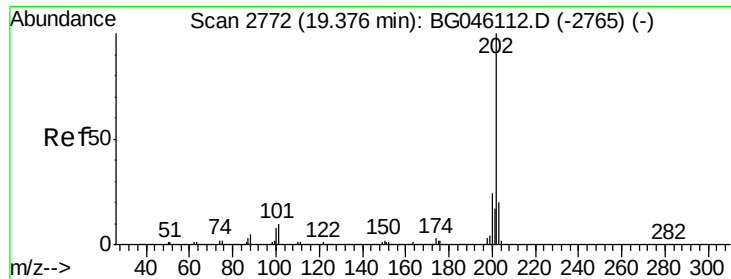


#74
 Di-n-butylphthalate
 Concen: 40.650 ng
 RT: 18.29 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion:149 Resp: 1482776

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.4	12.6
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 37.589 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

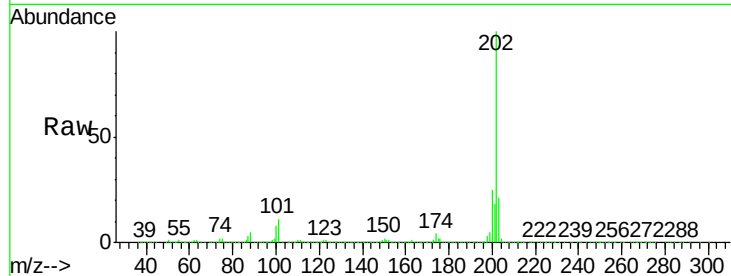
Tot Ion:202 Resp: 1707428

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.0

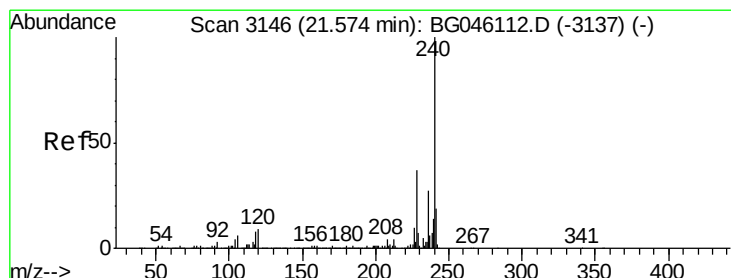
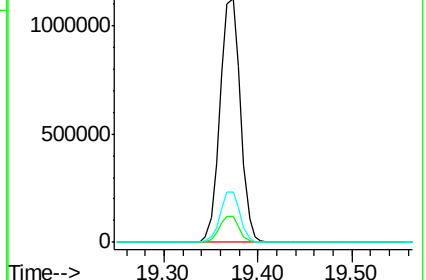
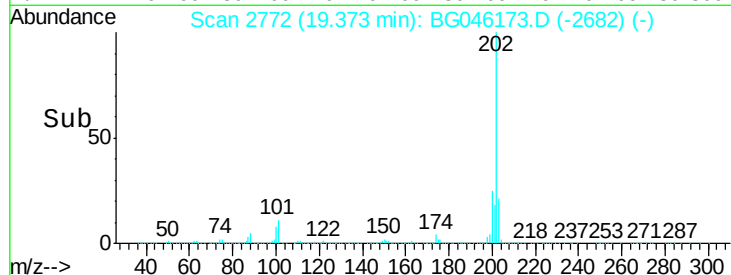
203 20.7 0.2 40.2



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# 3146

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

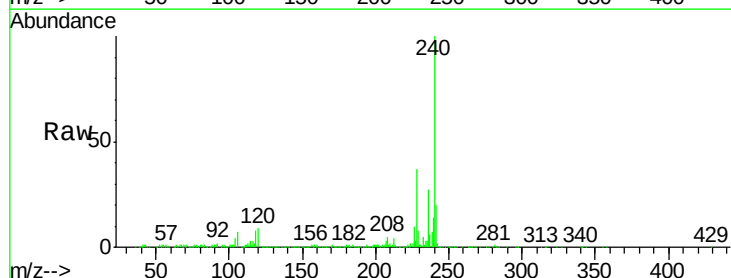
Tgt Ion:240 Resp: 671982

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

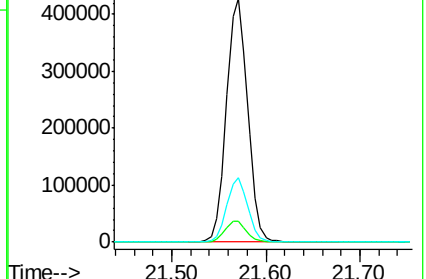
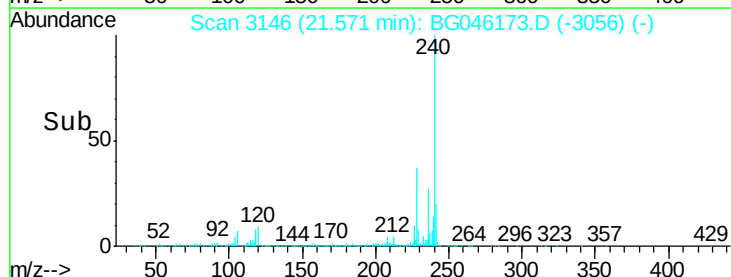
236 26.6 21.7 32.5

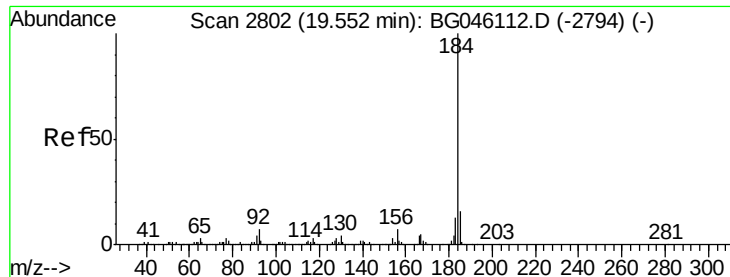


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.829 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

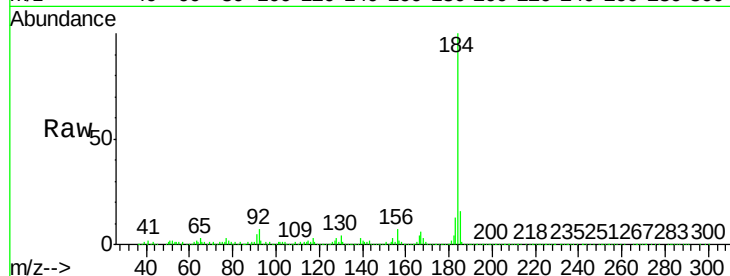
Tot Ion:184 Resp: 853287

Ion Ratio Lower Upper

184 100

185 16.3 13.0 19.4

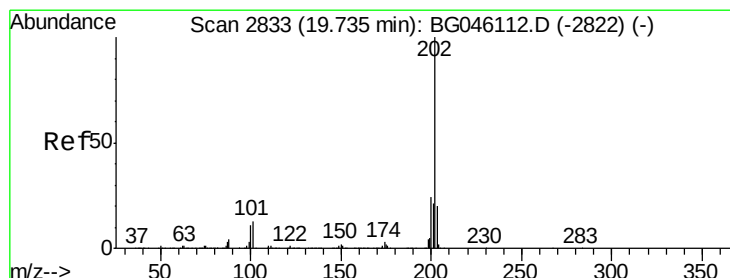
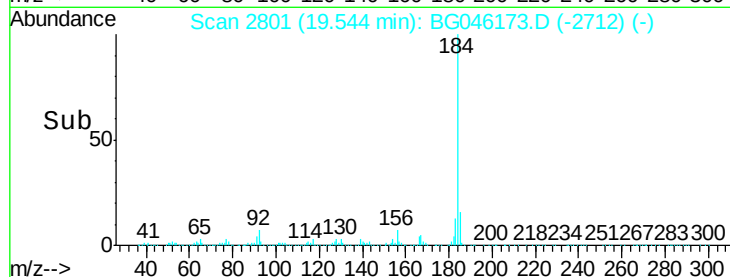
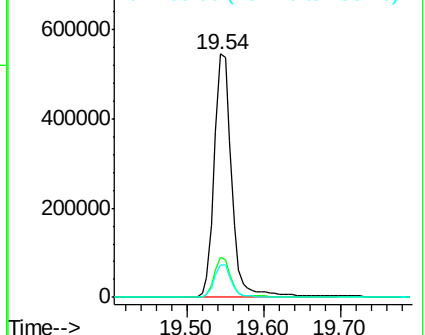
183 13.5 10.5 15.7



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: 38.369 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

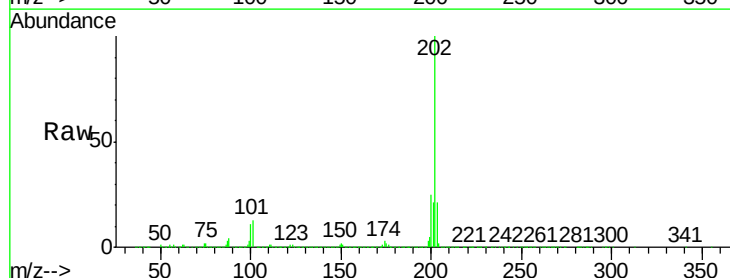
Tgt Ion:202 Resp: 1732379

Ion Ratio Lower Upper

202 100

200 25.4 19.5 29.3

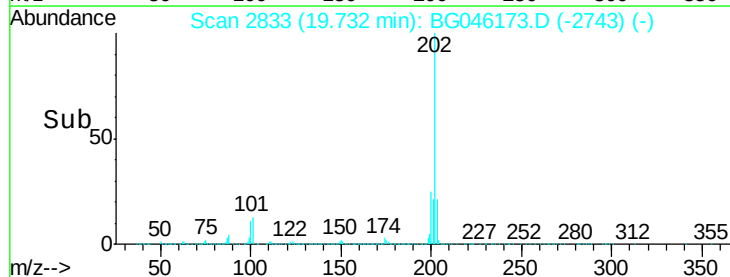
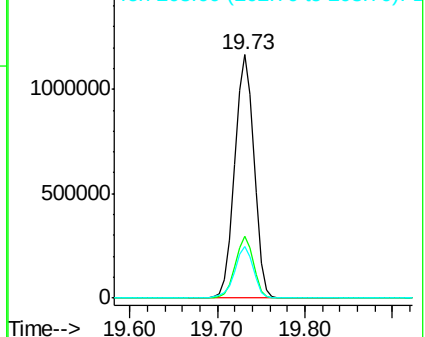
203 21.2 16.2 24.2

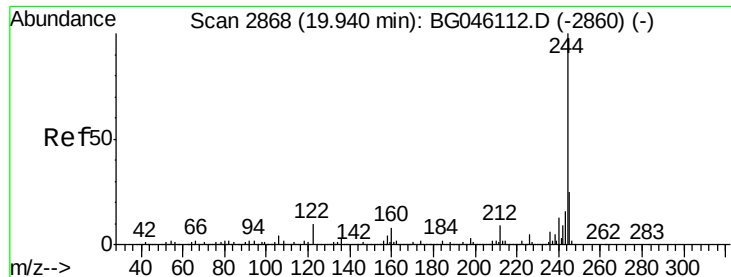


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.041 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

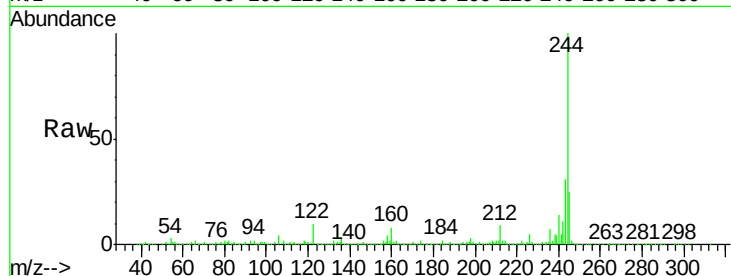
Tot Ion:244 Resp: 2014022

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

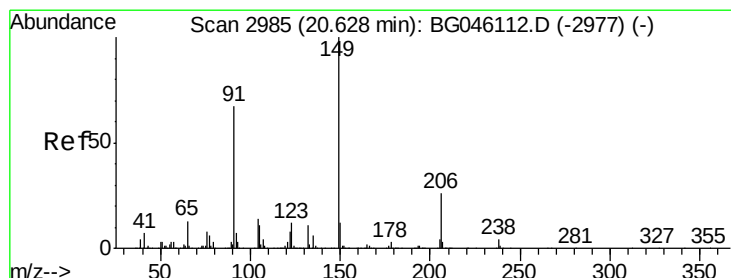
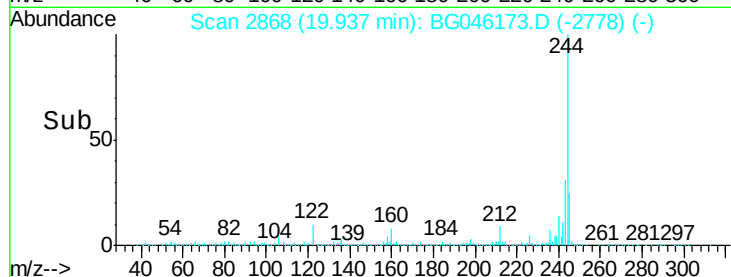
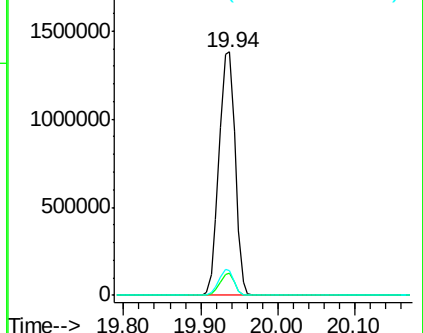
122 10.0 8.3 12.5



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: 42.711 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

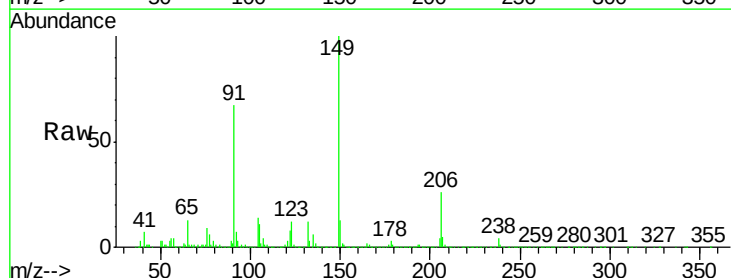
Tgt Ion:149 Resp: 698563

Ion Ratio Lower Upper

149 100

91 67.0 53.8 80.8

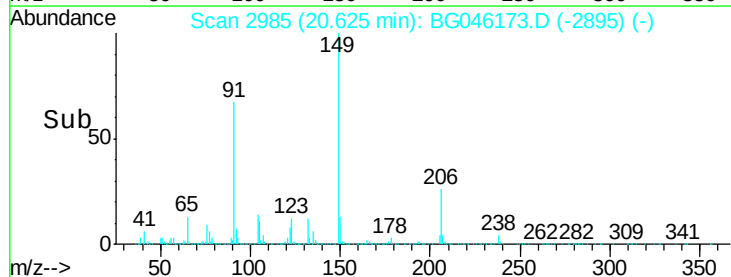
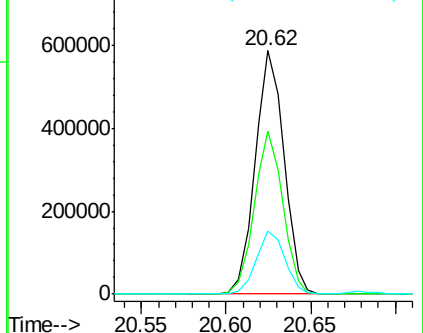
206 26.2 20.4 30.6

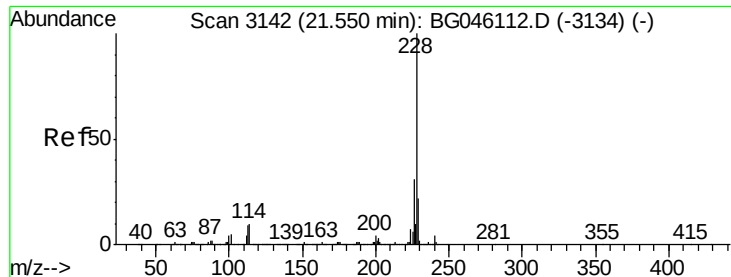


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.801 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

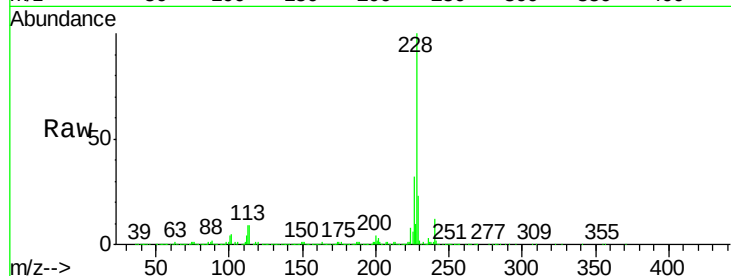
Tot Ion:228 Resp: 1744860

Ion Ratio Lower Upper

228 100

226 32.3 24.7 37.1

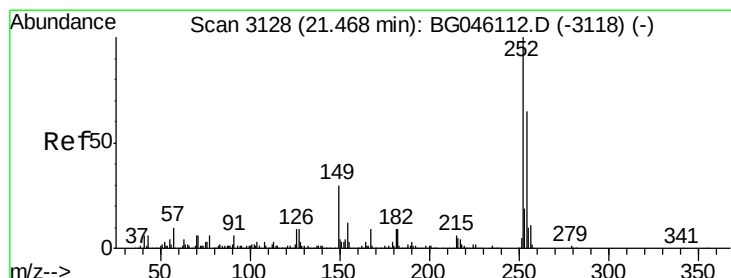
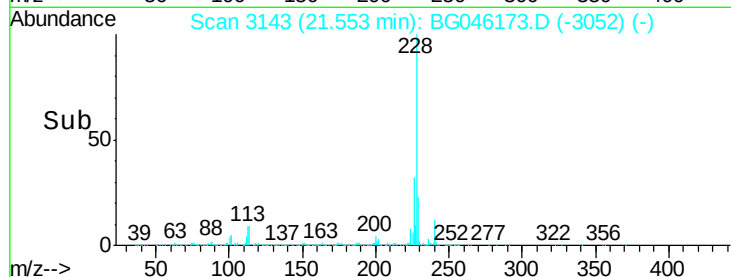
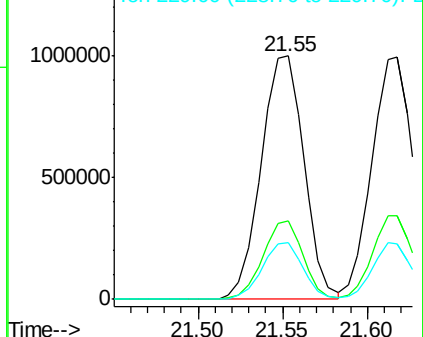
229 23.3 17.8 26.8



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: 13.217 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

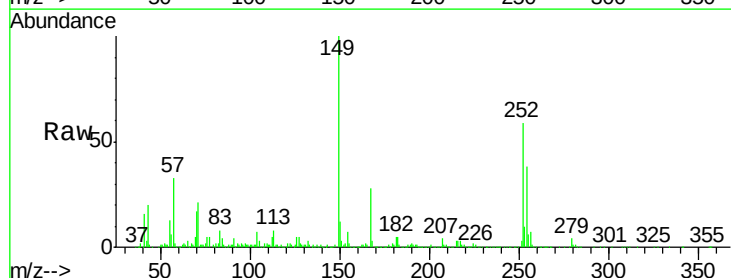
Tgt Ion:252 Resp: 246824

Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.8

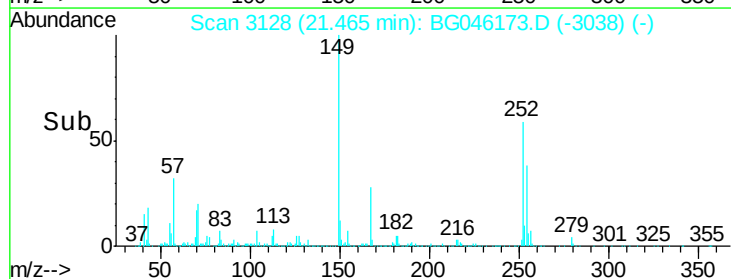
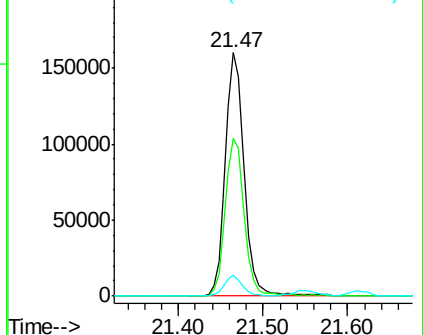
126 8.7 7.1 10.7

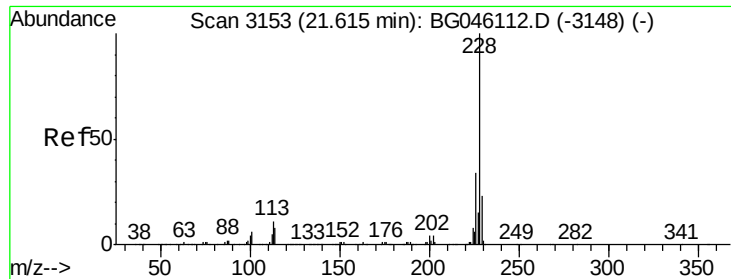


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.382 ng

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

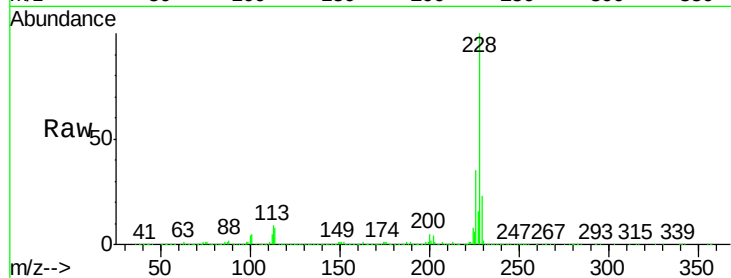
Tot Ion:228 Resp: 1690794

Ion Ratio Lower Upper

228 100

226 34.5 26.9 40.3

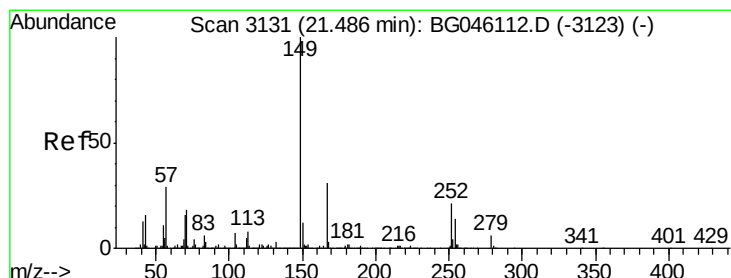
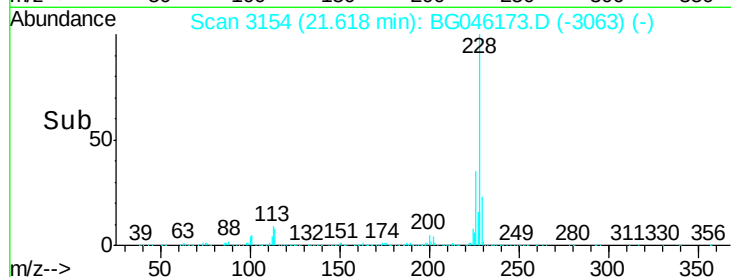
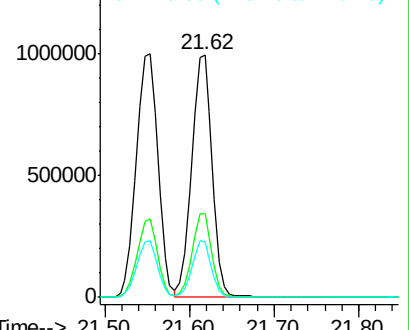
229 22.7 18.2 27.4



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: 42.202 ng

RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

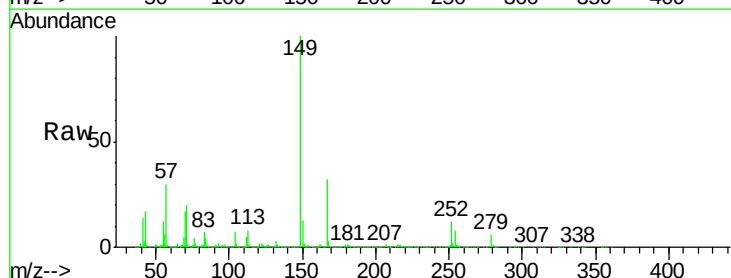
Tgt Ion:149 Resp: 986811

Ion Ratio Lower Upper

149 100

167 31.5 24.8 37.2

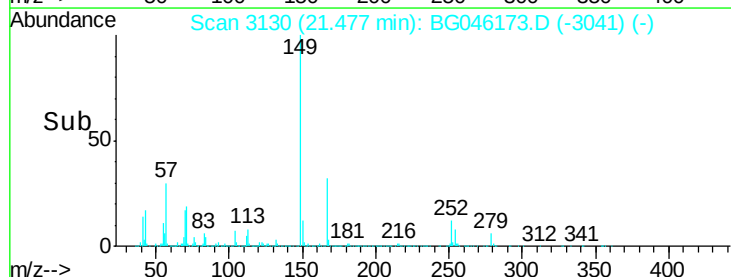
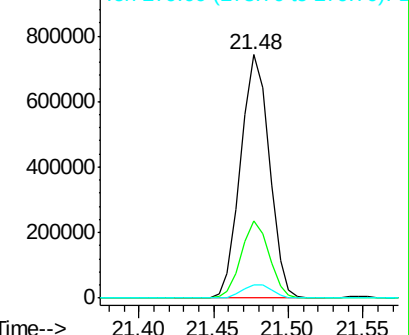
279 5.7 4.6 6.8

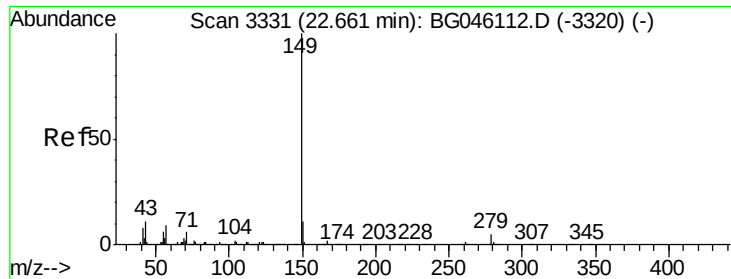


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.381 ng

RT: 22.66 min Scan# 3331

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

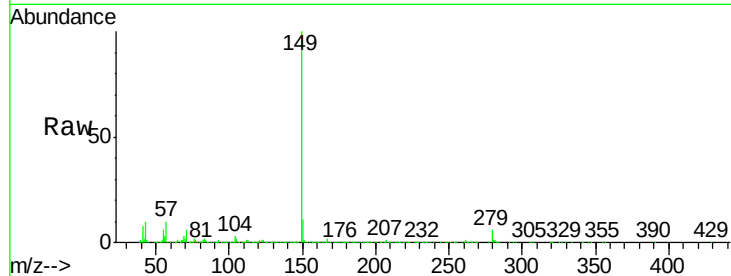
Tot Ion:149 Resp: 1717531

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

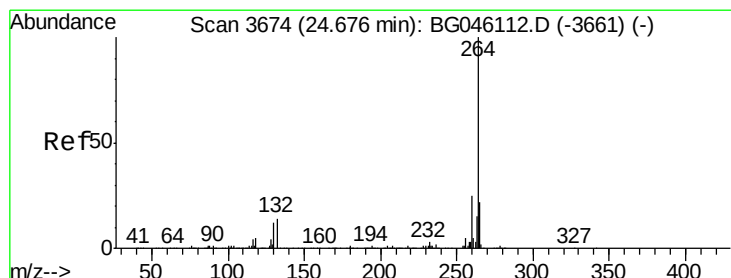
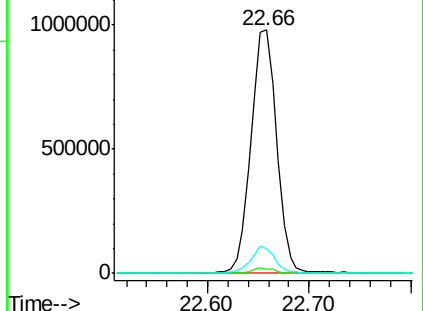
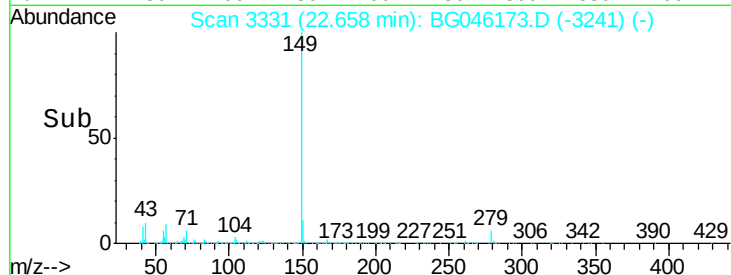
43 10.0 7.8 11.8



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): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

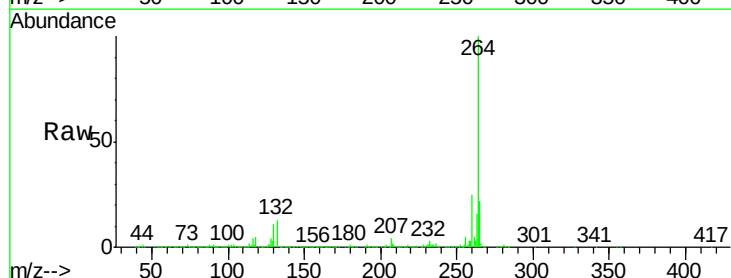
Tgt Ion:264 Resp: 746732

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

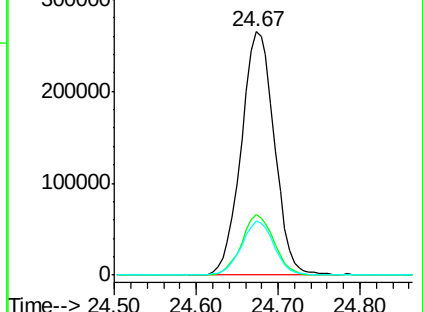
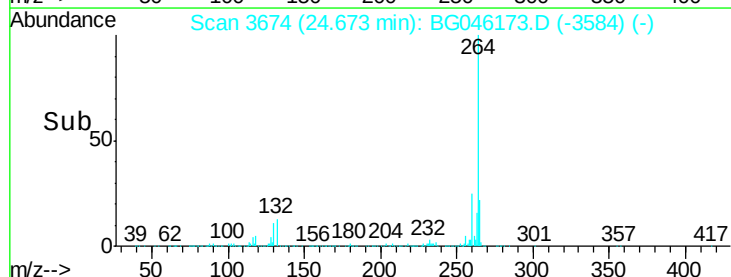
265 22.4 17.6 26.4

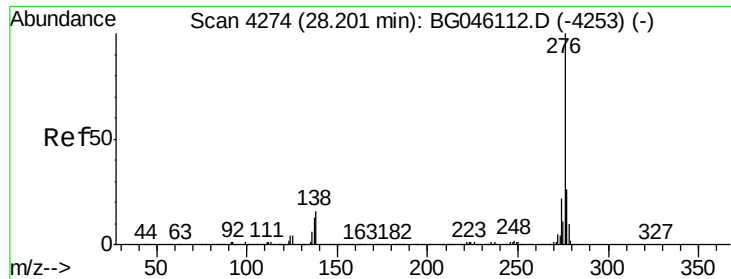


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

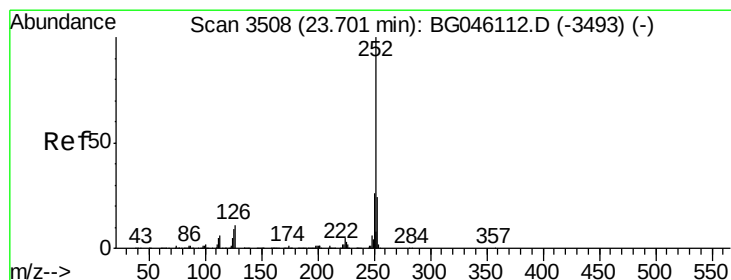
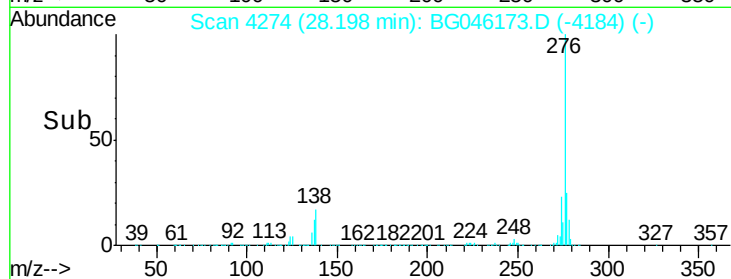
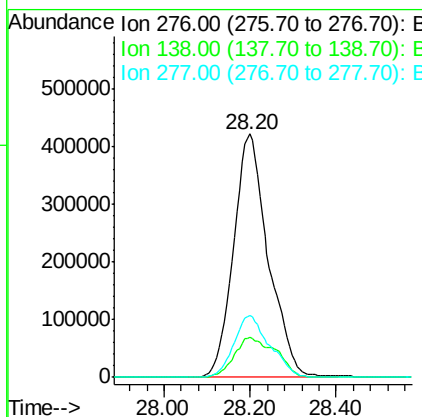
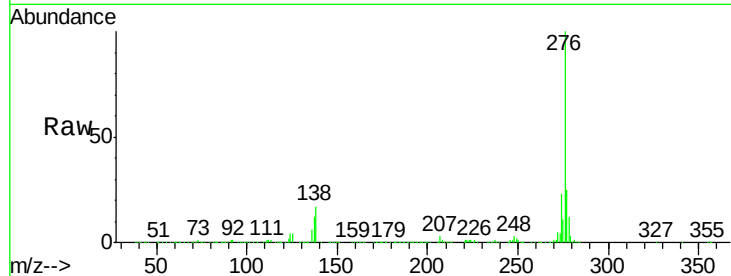




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.790 ng
 RT: 28.20 min Scan# 4274
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

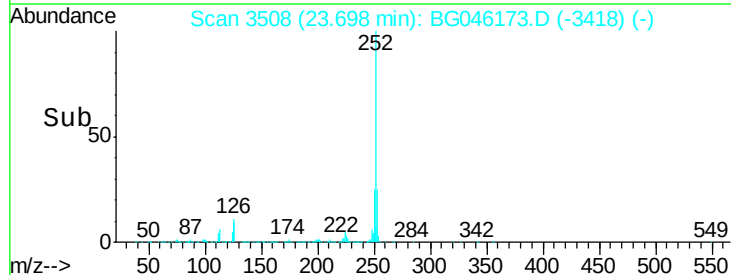
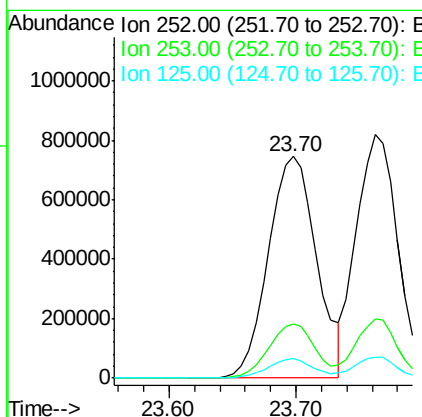
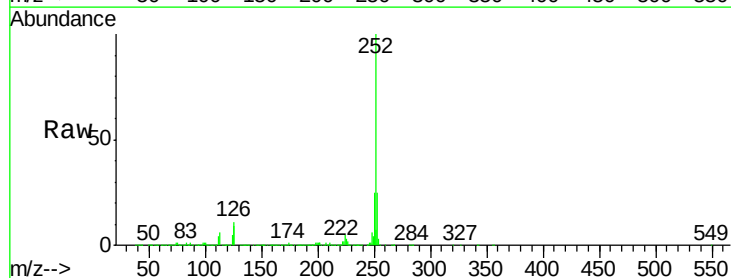
Instrument :
 BNA_G
 ClientSampled :
 SB-1MS

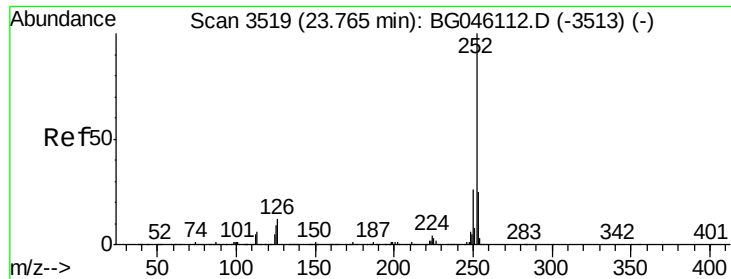
Tot Ion:276 Resp: 2379923
 Ion Ratio Lower Upper
 276 100
 138 19.9 11.6 17.4#
 277 26.2 20.8 31.2



#88
 Benzo(b)fluoranthene
 Concen: 39.455 ng
 RT: 23.70 min Scan# 3508
 Delta R.T. -0.00 min
 Lab File: BG046173.D
 Acq: 5 Aug 2020 13:51

Tgt Ion:252 Resp: 1974353
 Ion Ratio Lower Upper
 252 100
 253 24.7 19.2 28.8
 125 8.7 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 37.774 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

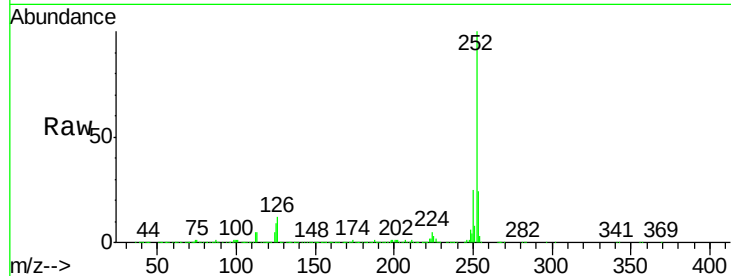
Tot Ion:252 Resp: 1853984

Ion Ratio Lower Upper

252 100

253 24.5 19.5 29.3

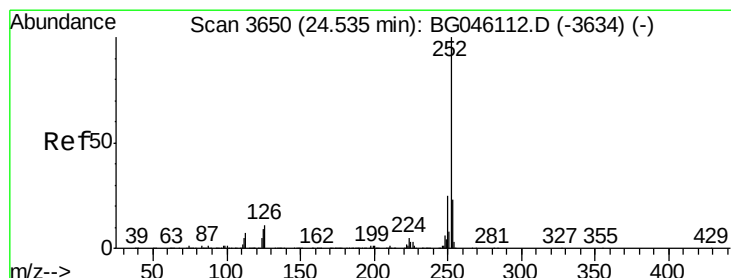
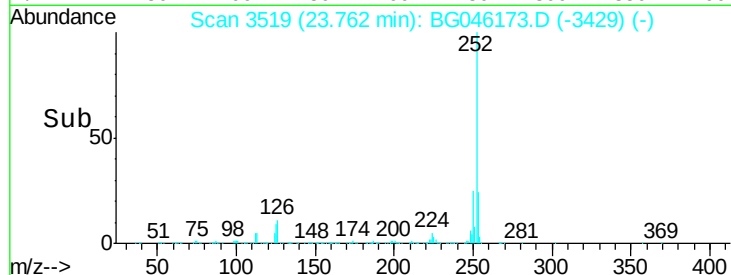
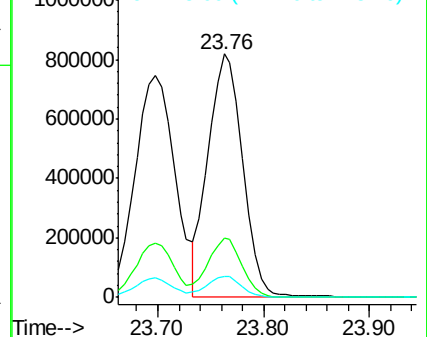
125 8.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.076 ng

RT: 24.53 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

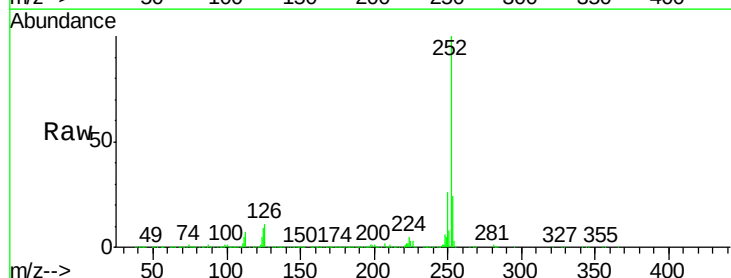
Tgt Ion:252 Resp: 1819529

Ion Ratio Lower Upper

252 100

253 24.0 18.6 27.8

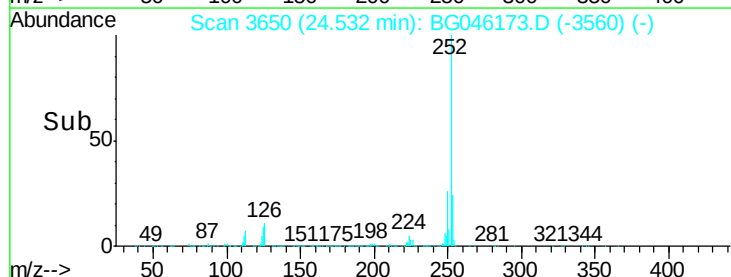
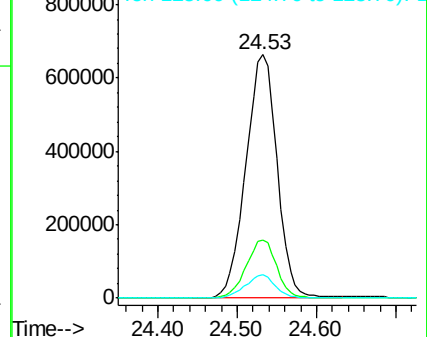
125 9.4 7.1 10.7

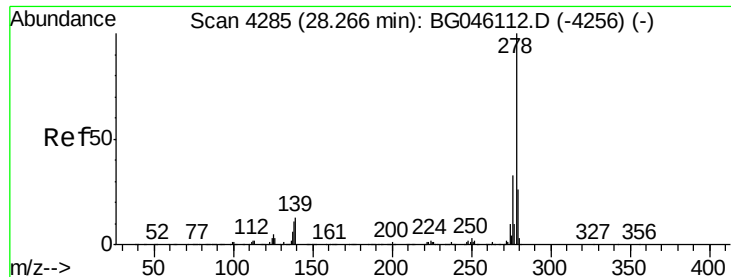


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.694 ng

RT: 28.26 min Scan# 4285

Delta R.T. -0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

Instrument :

BNA_G

ClientSampleId :

SB-1MS

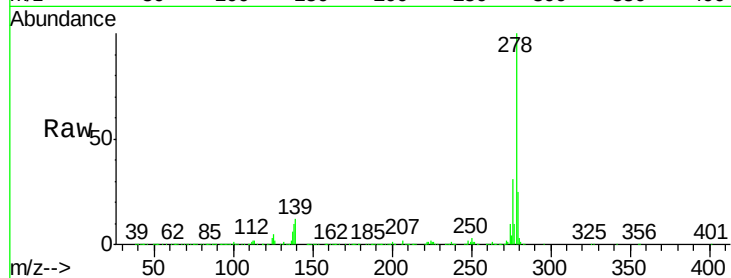
Tot Ion:278 Resp: 1937382

Ion Ratio Lower Upper

278 100

139 12.0 10.8 16.2

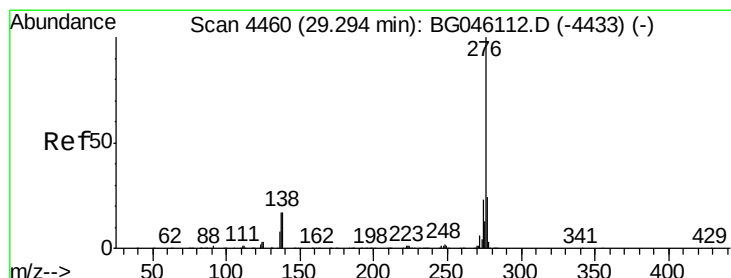
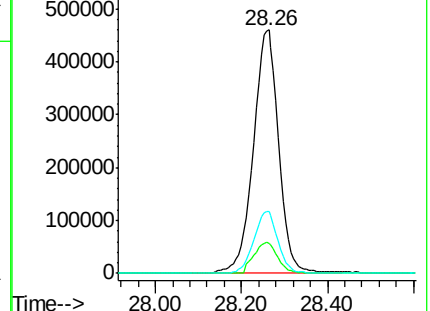
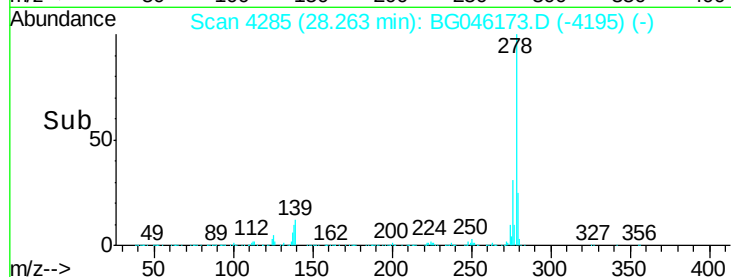
279 25.3 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.394 ng

RT: 29.30 min Scan# 4461

Delta R.T. 0.00 min

Lab File: BG046173.D

Acq: 5 Aug 2020 13:51

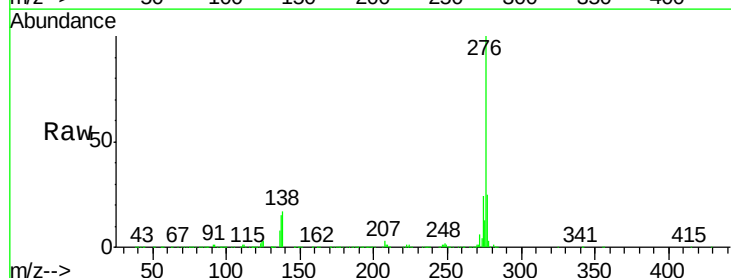
Tgt Ion:276 Resp: 1990264

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 17.5 13.8 20.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

