

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG083120\
 Data File : BG046472.D
 Acq On : 31 Aug 2020 17:11
 Operator : CG/JU
 Sample : PB131309BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Quant Time: Aug 31 17:50:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	69745	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	279847	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	196577	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	504112	20.00	ng	0.00
76) Chrysene-d12	21.55	240	568785	20.00	ng	0.00
86) Perylene-d12	24.66	264	556396	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	441089	112.02	ng	0.00
7) Phenol-d6	7.11	99	578284	103.59	ng	0.00
23) Nitrobenzene-d5	9.09	82	451843	92.28	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	260827	97.93	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	1165130	90.48	ng	0.00
79) Terphenyl-d14	19.92	244	1825098	68.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	60709	37.057	ng	98
3) Pyridine	3.81	79	130874	27.304	ng	98
4) n-Nitrosodimethylamine	3.72	42	69275	39.186	ng	95
6) Aniline	7.25	93	199827	31.812	ng	98
8) 2-Chlorophenol	7.50	128	173859	41.774	ng	97
9) Benzaldehyde	7.07	77	102804	32.871	ng	94
10) Phenol	7.13	94	215804	41.973	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	157221	38.043	ng	99
12) 1,3-Dichlorobenzene	7.82	146	195925	37.079	ng	99
13) 1,4-Dichlorobenzene	7.96	146	200643	37.929	ng	98
14) 1,2-Dichlorobenzene	8.29	146	187876	37.040	ng	98
15) Benzyl Alcohol	8.16	79	141528	39.490	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	230321	35.929	ng	99
17) 2-Methylphenol	8.38	107	147711	40.510	ng	97
18) Hexachloroethane	9.01	117	65912	36.748	ng	92
19) n-Nitroso-di-n-propylamine	8.73	70	124018	37.142	ng	99
20) 3+4-Methylphenols	8.70	107	201655	40.068	ng	99
22) Acetophenone	8.75	105	248494	36.479	ng	99
24) Nitrobenzene	9.13	77	179700	37.149	ng	99
25) Isophorone	9.65	82	339532	37.824	ng	97
26) 2-Nitrophenol	9.84	139	97612	38.247	ng	96
27) 2,4-Dimethylphenol	9.90	122	160668	45.771	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	209362	36.236	ng	99
29) 2,4-Dichlorophenol	10.38	162	183669	39.250	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	199894	36.003	ng	98
31) Naphthalene	10.78	128	517530	37.876	ng	98
32) Benzoic acid	10.04	122	59108	27.636	ng	98
33) 4-Chloroaniline	10.88	127	152665	25.338	ng	97
34) Hexachlorobutadiene	11.07	225	124408	34.517	ng	99
35) Caprolactam	11.64	113	32781	18.741	ng	96
36) 4-Chloro-3-methylphenol	12.01	107	176559	38.577	ng	97
37) 2-Methylnaphthalene	12.39	142	407147	37.781	ng	99
38) 1-Methylnaphthalene	12.61	142	387746	37.986	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	240662	37.126	ng	99

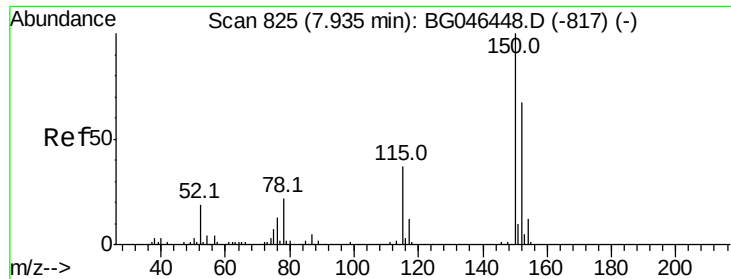
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG083120\
 Data File : BG046472.D
 Acq On : 31 Aug 2020 17:11
 Operator : CG/JU
 Sample : PB131309BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Quant Time: Aug 31 17:50:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 31 16:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	265533	94.204	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	162663	37.184	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	175628	38.212	ng	99
46) 1,1'-Biphenyl	13.39	154	525219	38.402	ng	99
47) 2-Chloronaphthalene	13.43	162	412024	35.532	ng	100
48) 2-Nitroaniline	13.63	65	114352	35.514	ng	100
49) Acenaphthylene	14.28	152	674831	38.364	ng	99
50) Dimethylphthalate	14.02	163	534332	35.135	ng	100
51) 2,6-Dinitrotoluene	14.13	165	123474	36.832	ng	99
52) Acenaphthene	14.63	154	401157	36.802	ng	99
53) 3-Nitroaniline	14.46	138	95927	26.416	ng	97
54) 2,4-Dinitrophenol	14.67	184	144074	73.626	ng	98
55) Dibenzofuran	14.96	168	650930	37.211	ng	99
56) 4-Nitrophenol	14.78	139	219776	82.236	ng	97
57) 2,4-Dinitrotoluene	14.92	165	179761	37.606	ng	98
58) Fluorene	15.61	166	541092	36.854	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	170578	38.219	ng	99
60) Diethylphthalate	15.38	149	528950	35.673	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	288454	35.673	ng	97
62) 4-Nitroaniline	15.63	138	136036	35.504	ng	98
63) Azobenzene	15.90	77	443021	36.730	ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	113985	39.948	ng	100
66) n-Nitrosodiphenylamine	15.81	169	497099	36.552	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	205827	34.997	ng	96
68) Hexachlorobenzene	16.62	284	223830	34.364	ng	99
69) Atrazine	16.77	200	188511	33.978	ng	99
70) Pentachlorophenol	16.96	266	274332	80.611	ng	99
71) Phenanthrene	17.35	178	933309	36.526	ng	98
72) Anthracene	17.44	178	963518	38.219	ng	99
73) Carbazole	17.71	167	920864	38.688	ng	99
74) Di-n-butylphthalate	18.27	149	1012348	36.987	ng	99
75) Fluoranthene	19.36	202	1282643	39.007	ng	100
77) Benzidine	19.53	184	543227	41.101	ng	98
78) Pyrene	19.72	202	1299075	35.867	ng	99
80) Butylbenzylphthalate	20.61	149	501437	35.493	ng	97
81) Benzo(a)anthracene	21.54	228	1272595	35.896	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	363503	27.629	ng	99
83) Chrysene	21.60	228	1221878	35.830	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	697516	36.179	ng	99
85) Di-n-octyl phthalate	22.63	149	1210766	36.676	ng	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1525142	38.165	ng	100
88) Benzo(b)fluoranthene	23.68	252	1327766	38.218	ng	97
89) Benzo(k)fluoranthene	23.74	252	1259199	37.502	ng	99
90) Benzo(a)pyrene	24.51	252	1215794	37.499	ng	100
91) Dibenzo(a,h)anthracene	28.23	278	1256107	38.952	ng	98
92) Benzo(g,h,i)perylene	29.27	276	1292586	40.140	ng	98

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

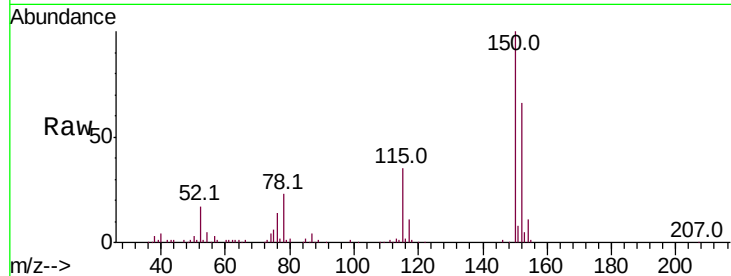


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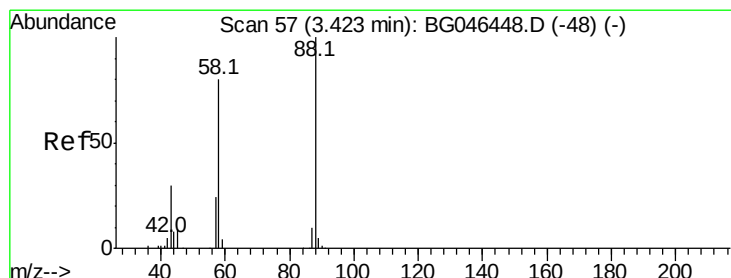
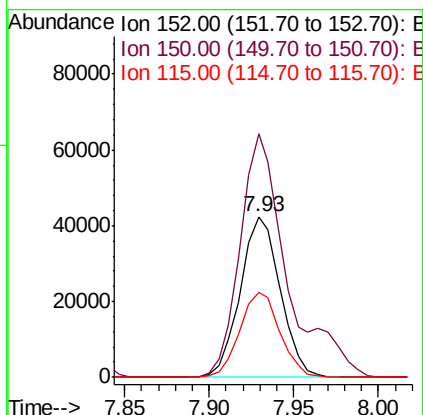
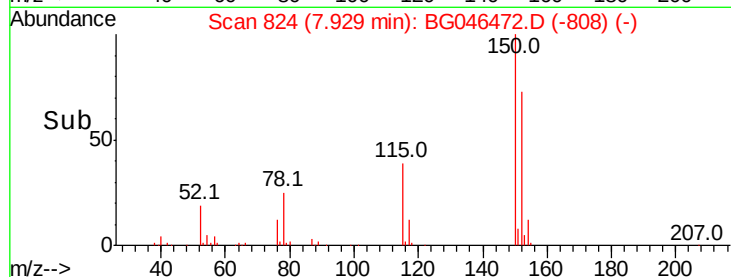
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion:152 Resp: 69745
Ion Ratio Lower Upper
152 100
150 151.4 119.5 179.3
115 52.9 44.3 66.5



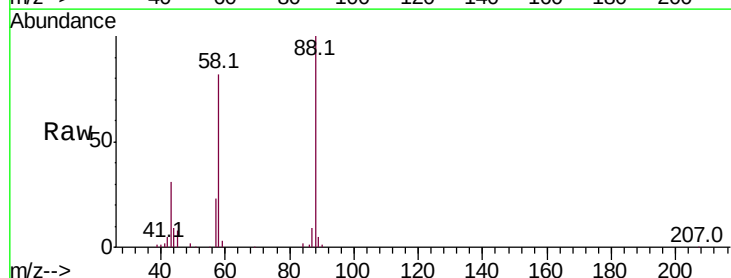
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



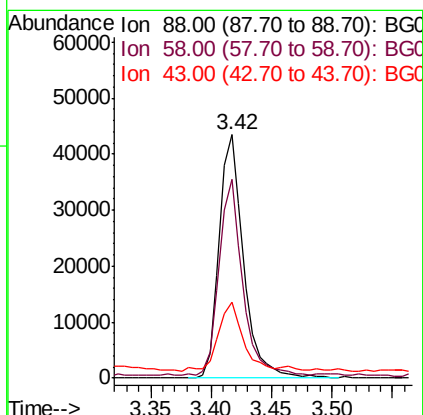
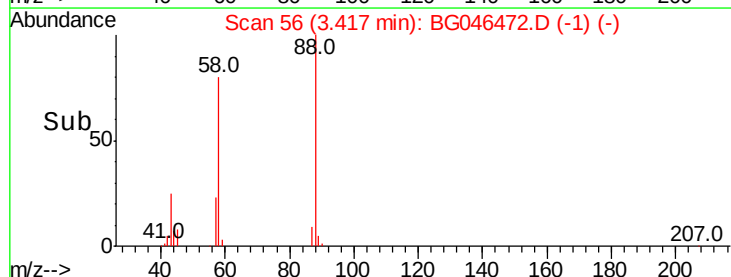
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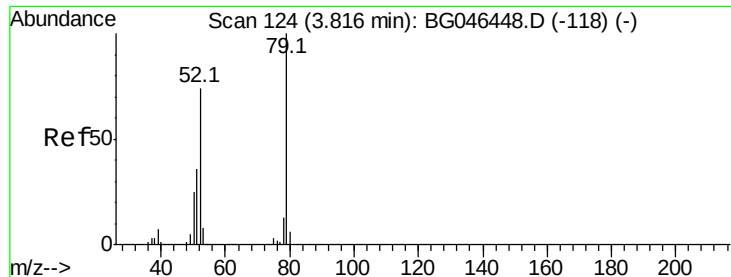
1,4-Dioxane
Concen: 37.057 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion: 88 Resp: 60709
Ion Ratio Lower Upper
88 100
58 77.8 61.4 92.2
43 29.2 21.6 32.4



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

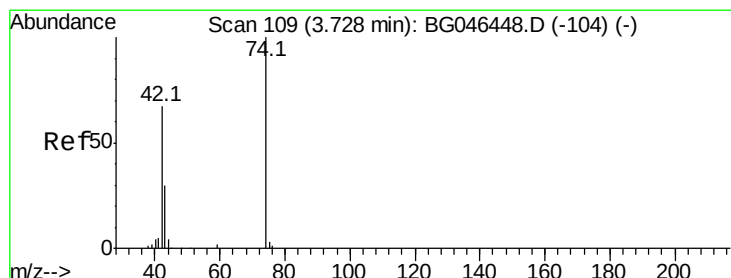
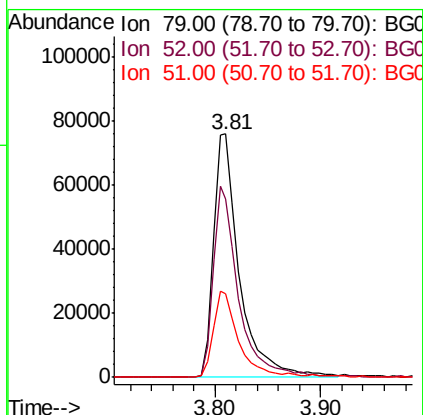
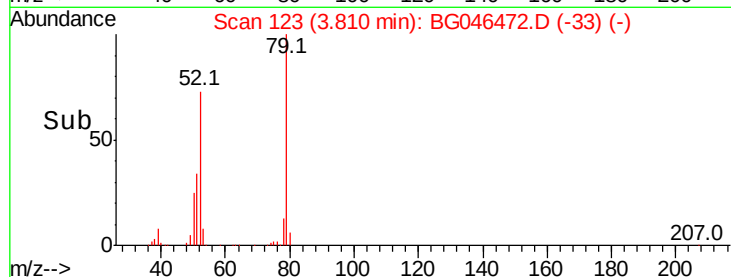
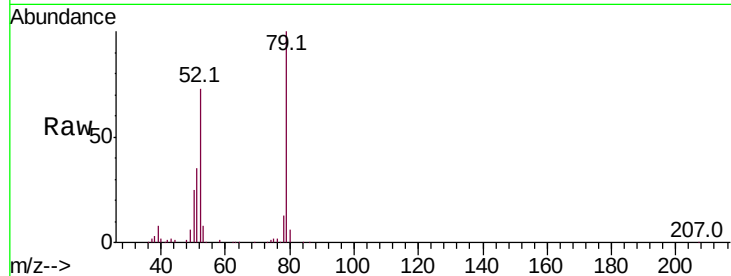




#3
 Pvridine
 Concen: 27.304 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

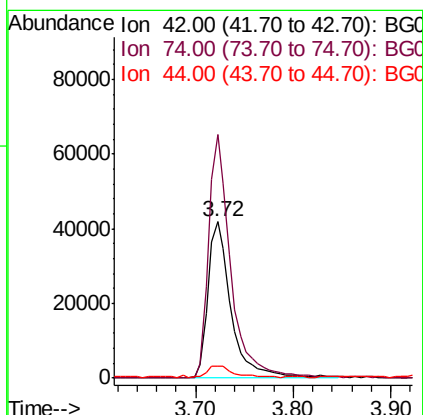
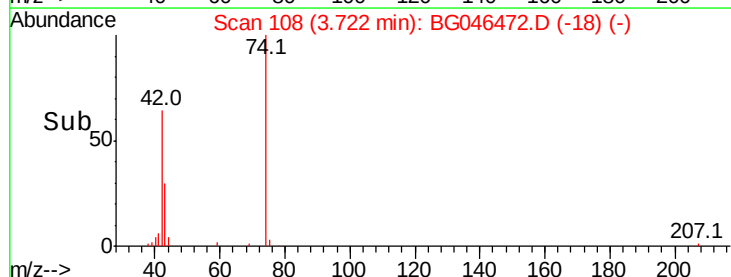
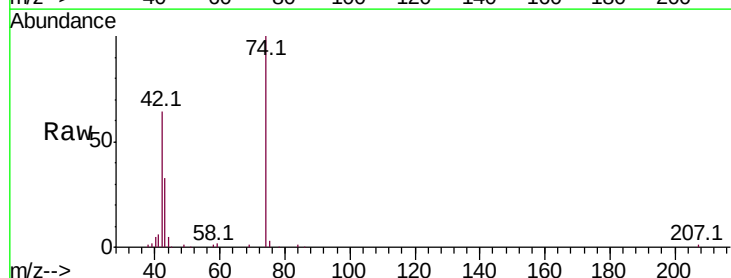
Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

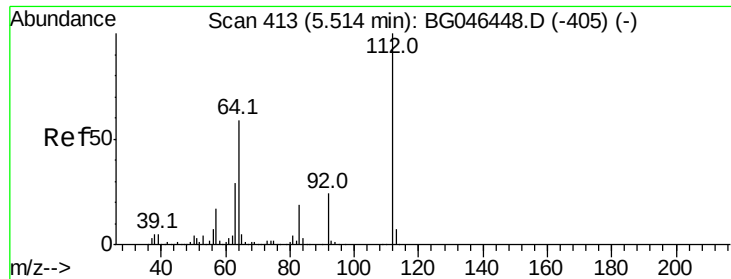
Tot Ion: 79 Resp: 130874
 Ion Ratio Lower Upper
 79 100
 52 73.0 59.1 88.7
 51 34.6 29.0 43.6



#4
 n-Nitrosodimethylamine
 Concen: 39.186 ng
 RT: 3.72 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion: 42 Resp: 69275
 Ion Ratio Lower Upper
 42 100
 74 155.8 119.5 179.3
 44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 112.015 ng

RT: 5.51 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

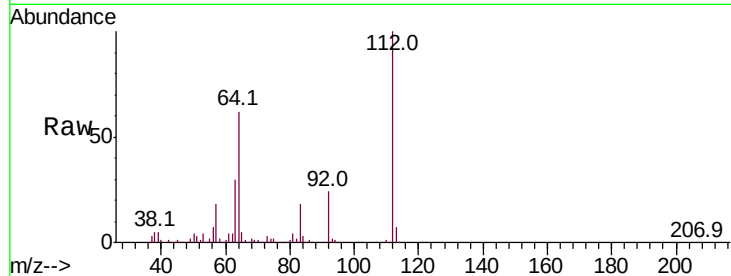
Tot Ion:112 Resp: 441089

Ion Ratio Lower Upper

112 100

64 61.5 47.0 70.6

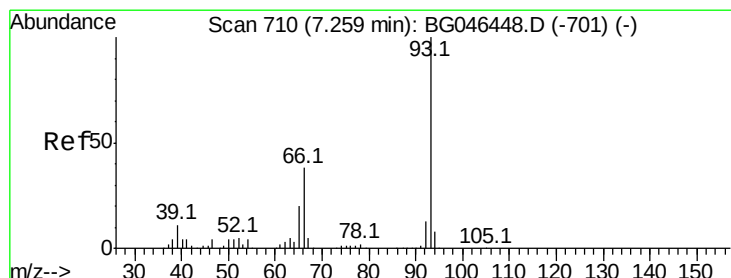
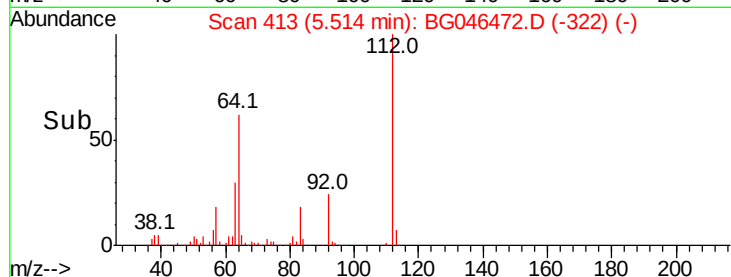
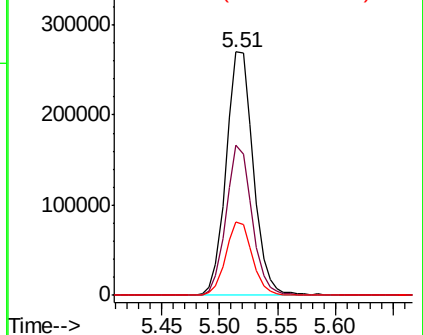
63 30.3 23.5 35.3



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: 31.812 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

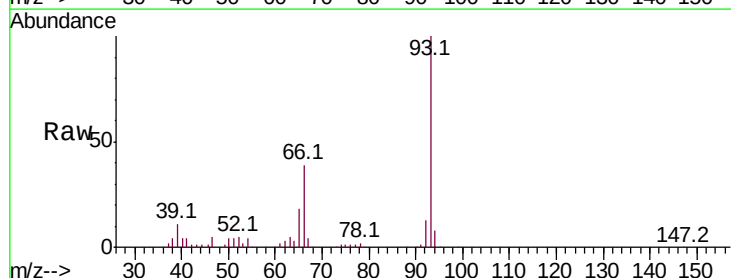
Tgt Ion: 93 Resp: 199827

Ion Ratio Lower Upper

93 100

66 38.7 30.4 45.6

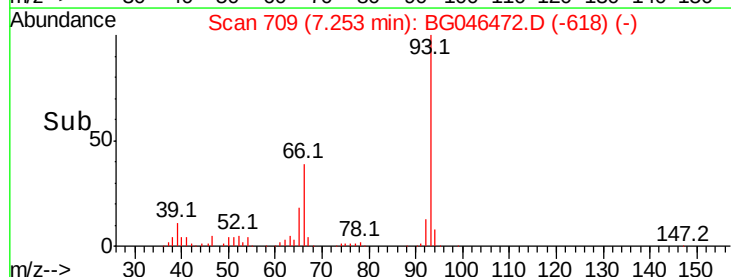
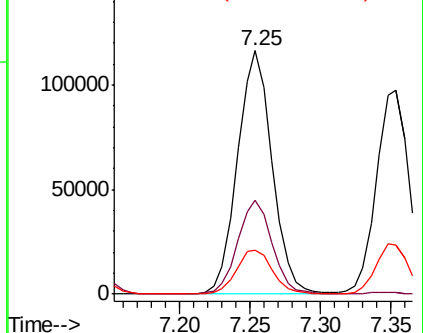
65 18.2 15.8 23.6

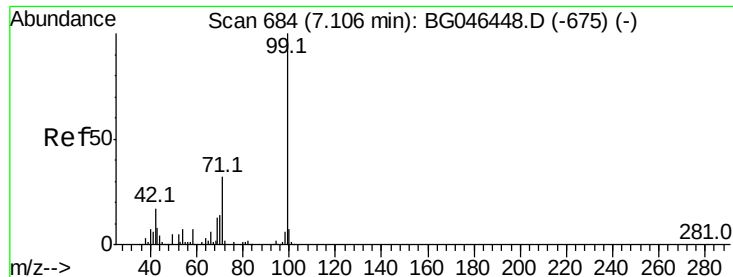


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.595 ng

RT: 7.11 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

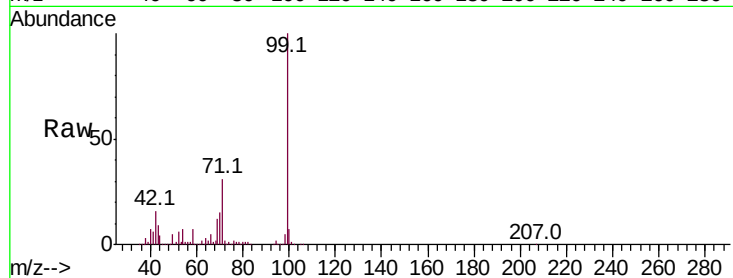
Tot Ion: 99 Resp: 578284

Ion Ratio Lower Upper

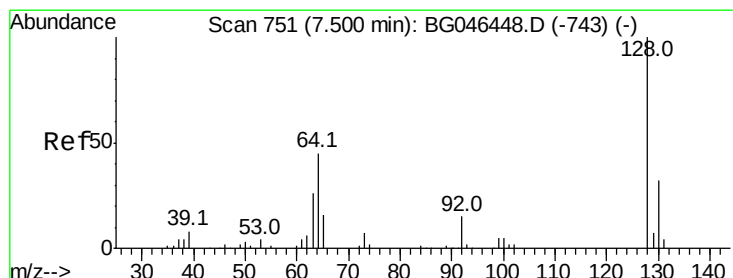
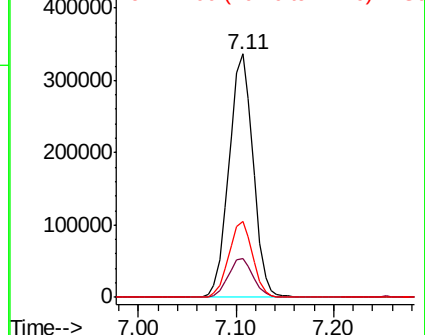
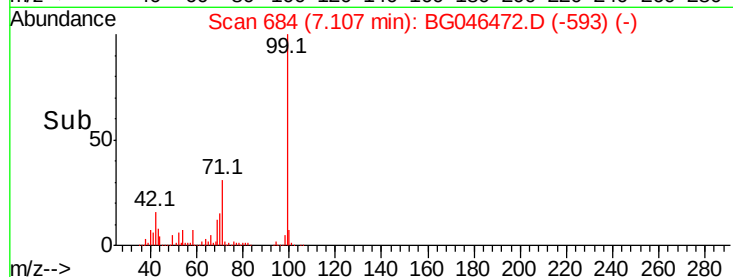
99 100

42 15.8 13.3 19.9

71 31.0 25.3 37.9



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: 41.774 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

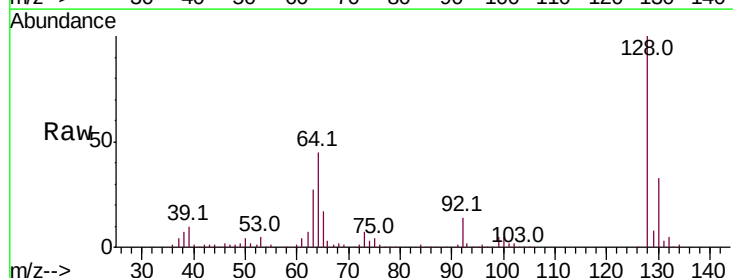
Tgt Ion:128 Resp: 173859

Ion Ratio Lower Upper

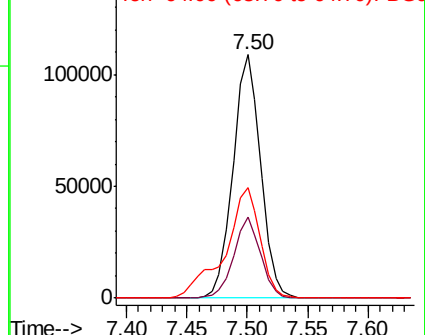
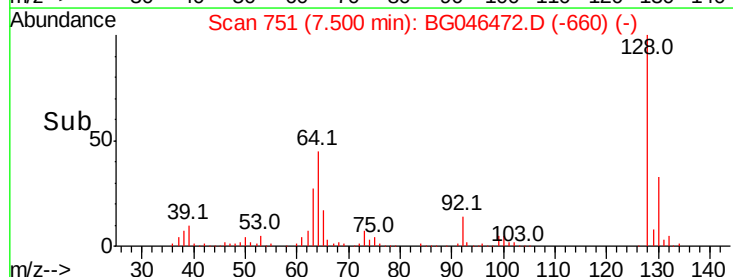
128 100

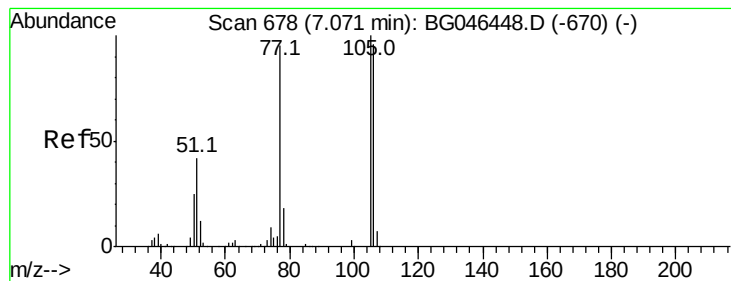
130 33.3 12.4 52.4

64 45.2 28.1 68.1



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: 32.871 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

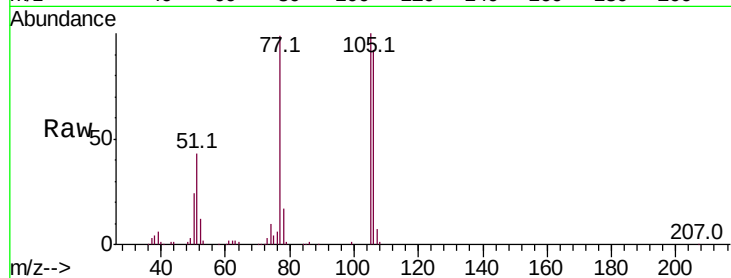
Tot Ion: 77 Resp: 102804

Ion Ratio Lower Upper

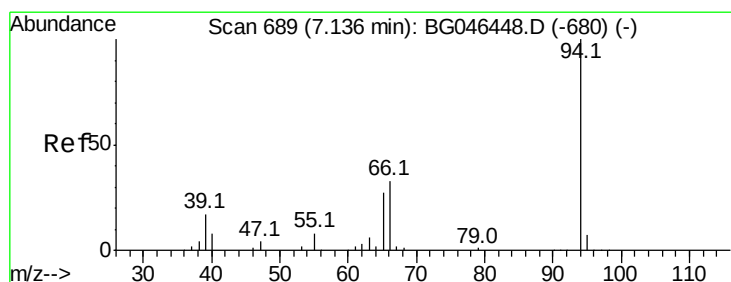
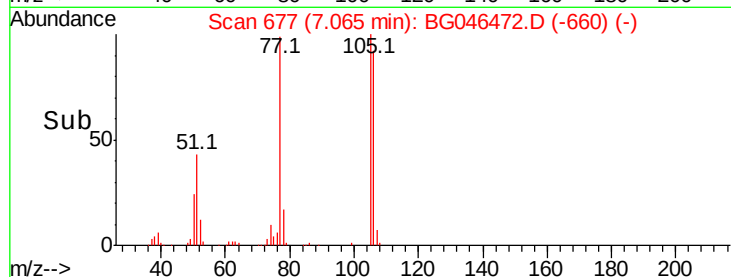
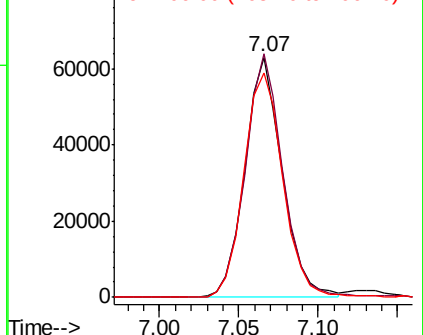
77 100

105 101.4 85.6 125.6

106 93.5 80.8 120.8



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: 41.973 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

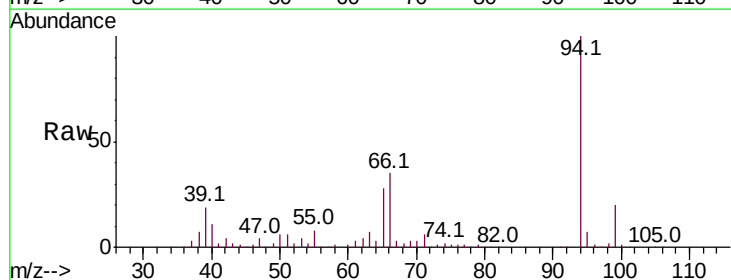
Tgt Ion: 94 Resp: 215804

Ion Ratio Lower Upper

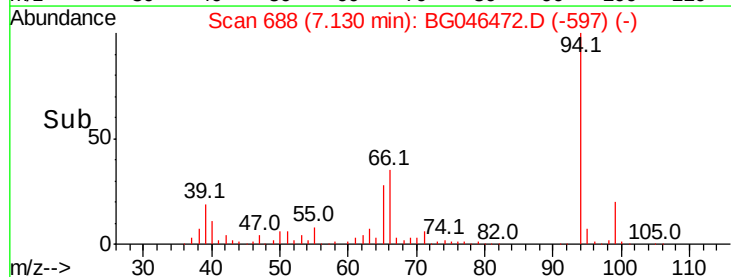
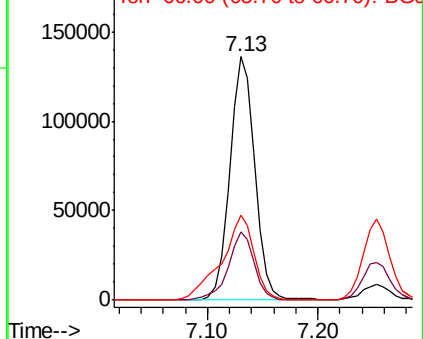
94 100

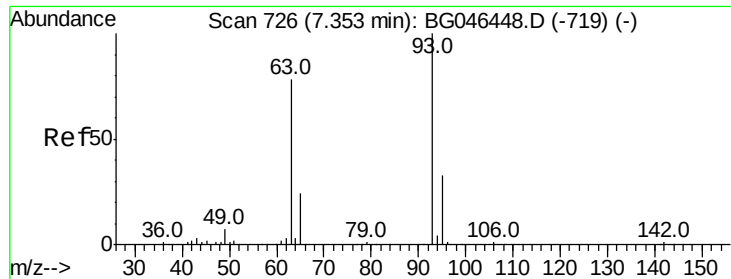
65 28.3 7.5 47.5

66 34.8 14.1 54.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

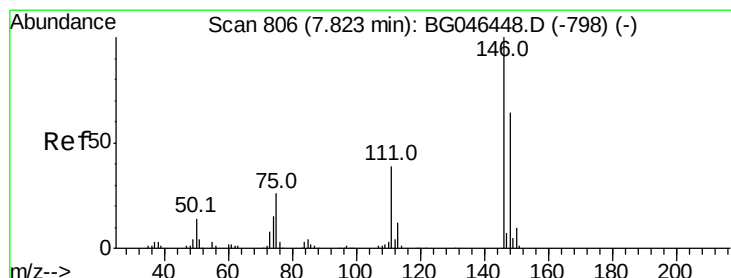
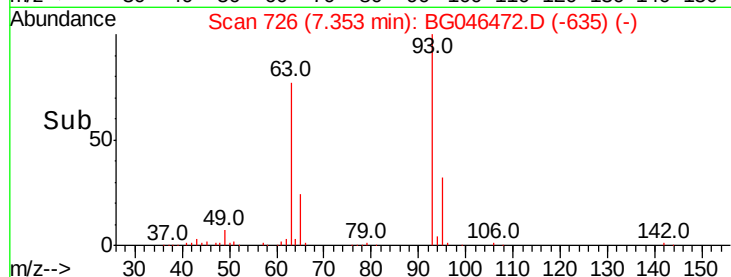
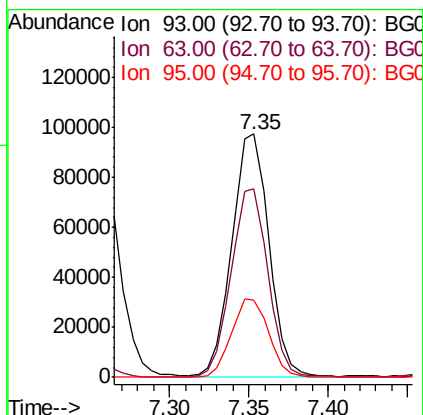
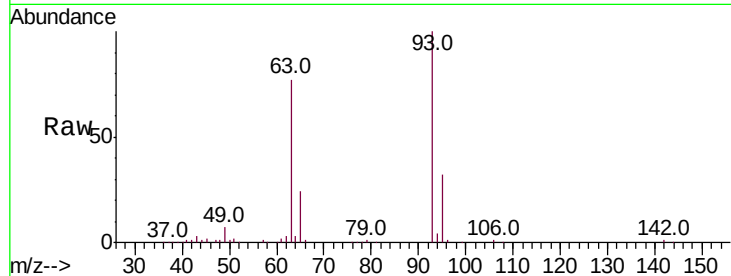




#11
 bis(2-Chloroethyl)ether
 Concen: 38.043 ng
 RT: 7.35 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

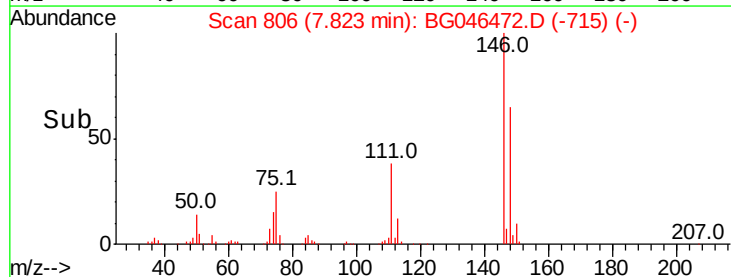
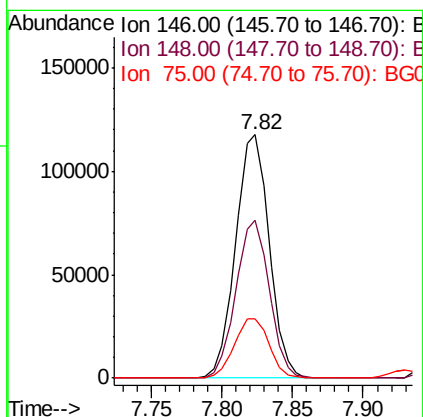
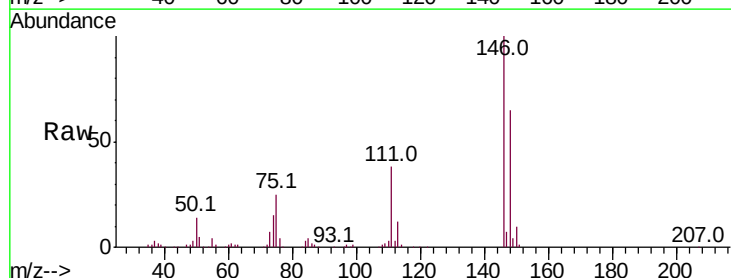
Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

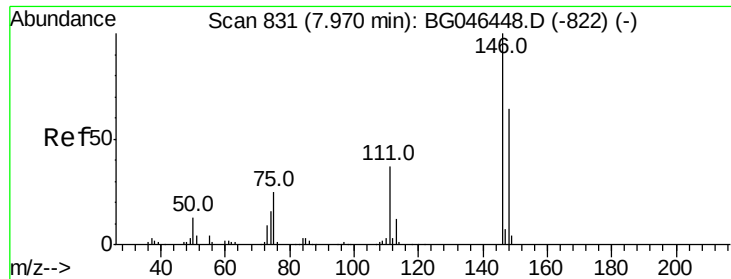
Tot Ion: 93 Resp: 157221
 Ion Ratio Lower Upper
 93 100
 63 77.3 57.7 97.7
 95 31.5 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 37.079 ng
 RT: 7.82 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion: 146 Resp: 195925
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.4 77.0
 75 24.5 20.7 31.1

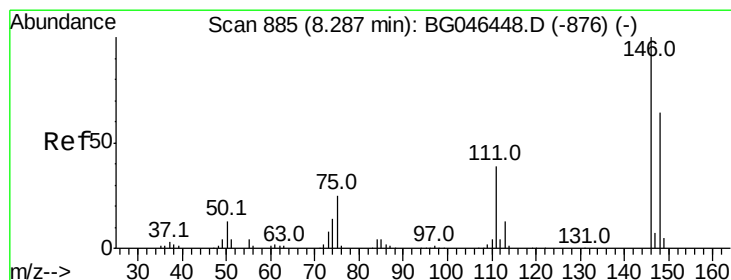
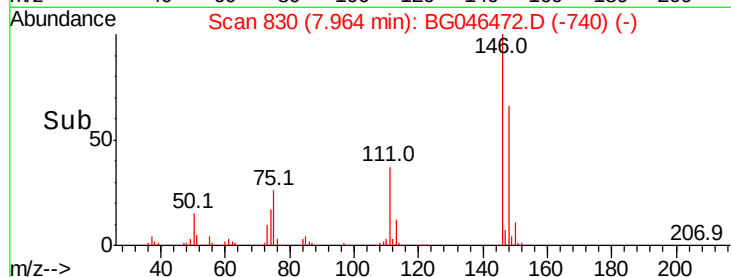
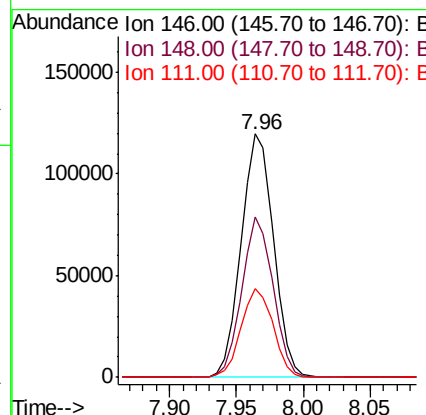
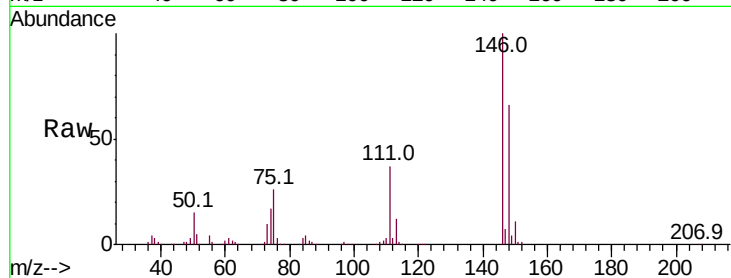




#13
 1,4-Dichlorobenzene
 Concen: 37.929 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

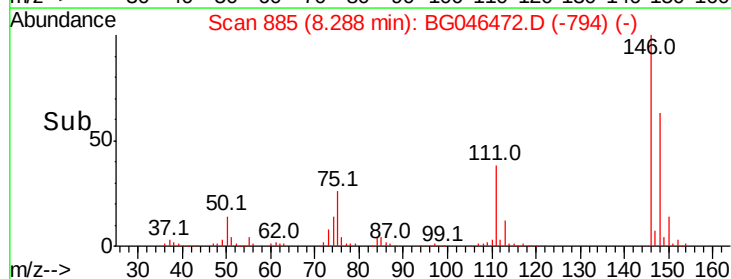
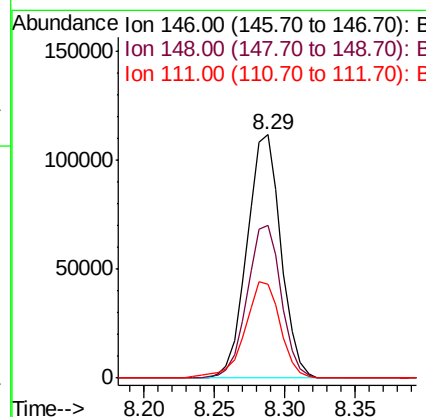
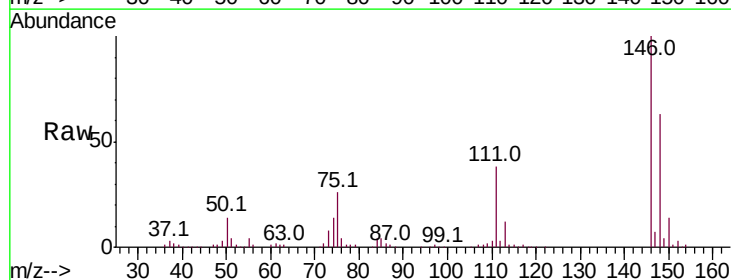
Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

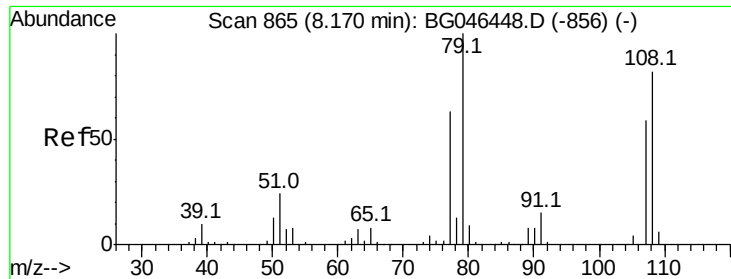
Tot Ion:146 Resp: 200643
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.9 76.3
 111 36.7 29.8 44.6



#14
 1,2-Dichlorobenzene
 Concen: 37.040 ng
 RT: 8.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion:146 Resp: 187876
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.4 77.0
 111 38.4 31.4 47.2

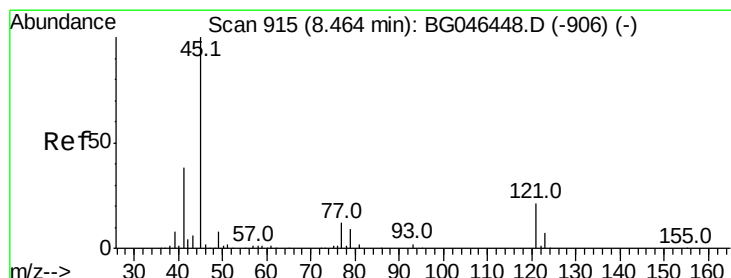
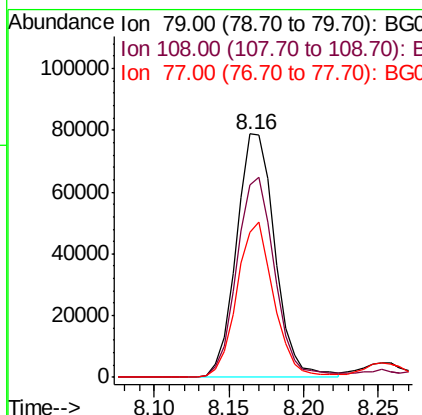
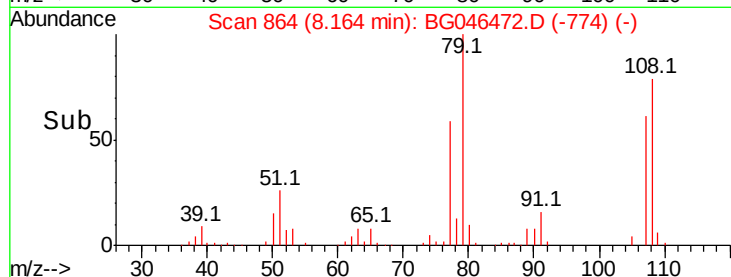
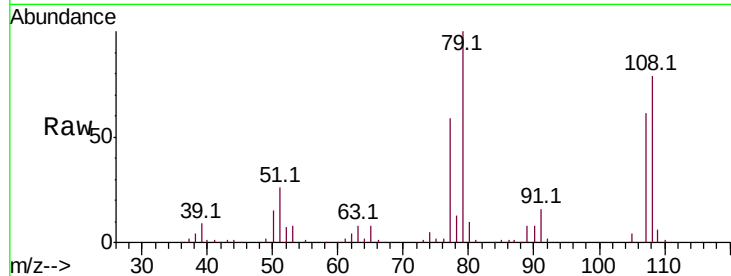




#15
Benzyl Alcohol
Concen: 39.490 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

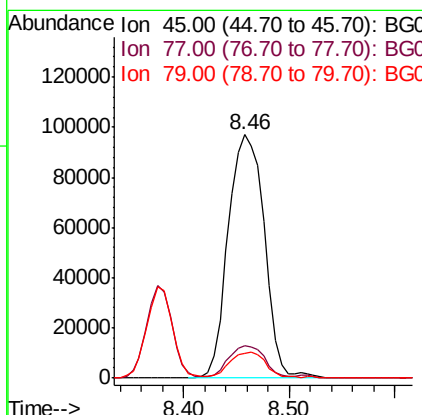
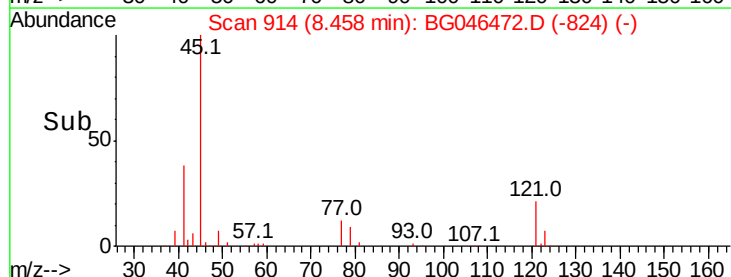
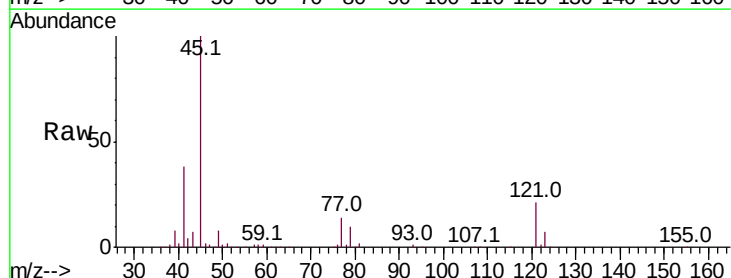
Instrument :
BNA_G
ClientSampleId :
PB131309BS

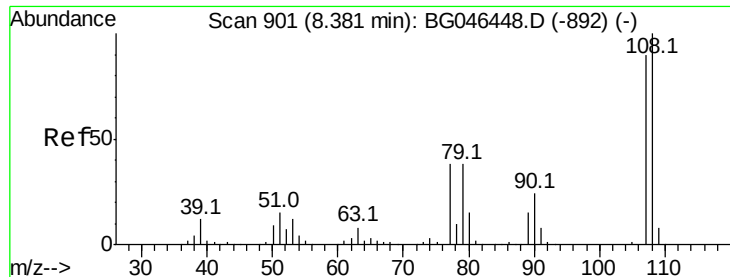
Tot Ion: 79 Resp: 141528
Ion Ratio Lower Upper
79 100
108 79.1 65.7 98.5
77 59.3 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.929 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion: 45 Resp: 230321
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.2
79 10.1 0.0 30.3

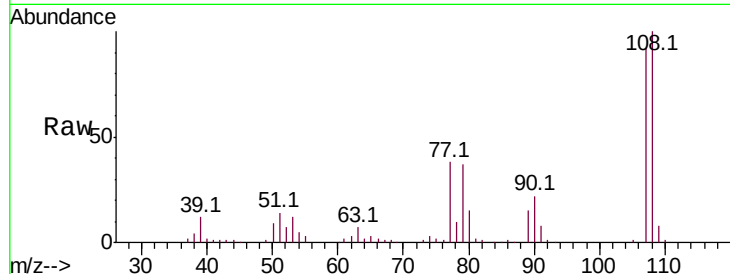




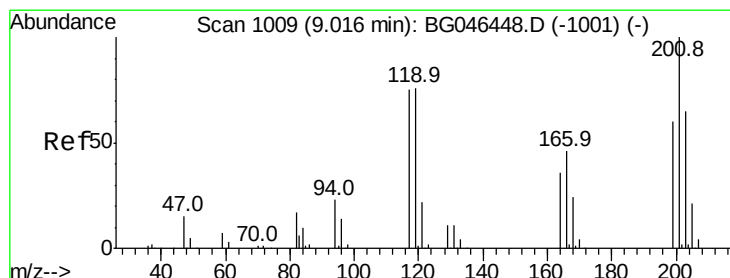
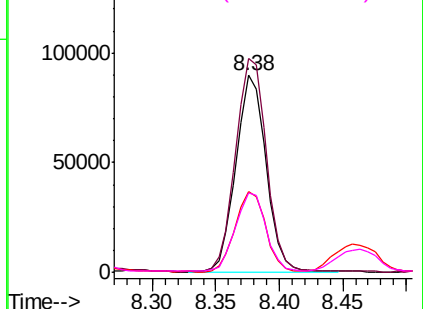
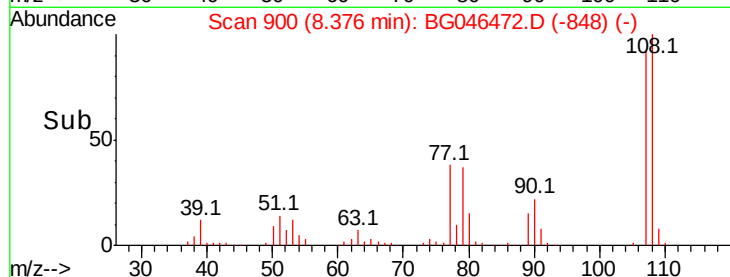
#17
2-Methylphenol
Concen: 40.510 ng
RT: 8.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.7	89.4	134.0
77	41.3	34.5	51.7
79	40.4	33.8	50.6

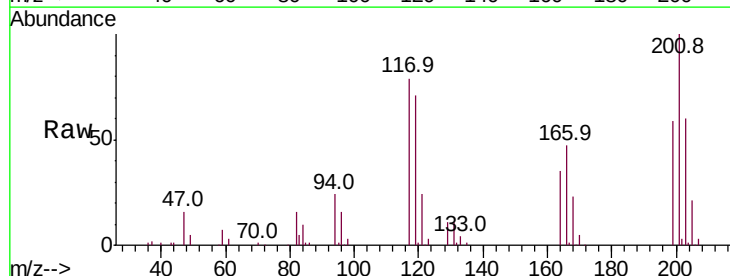


Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

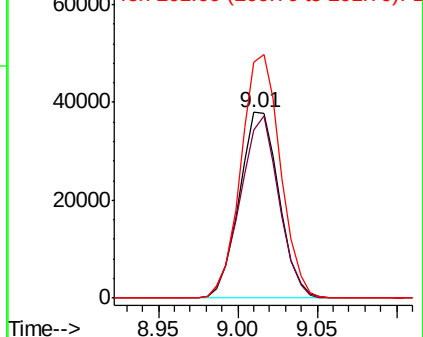
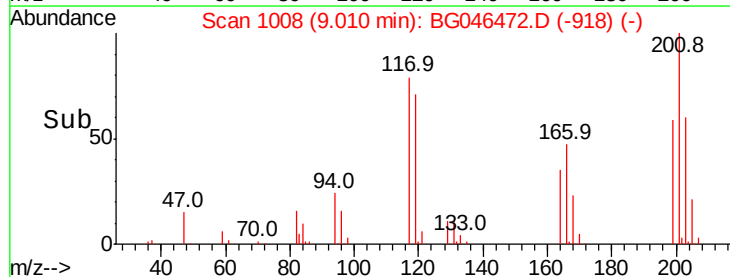


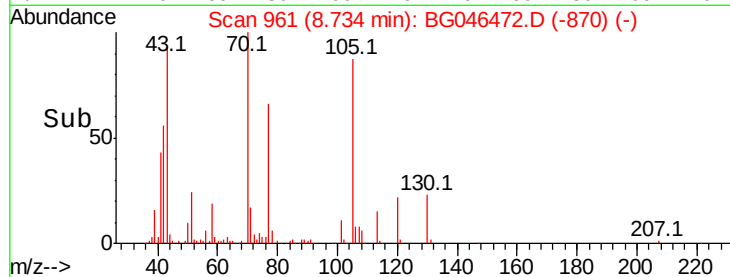
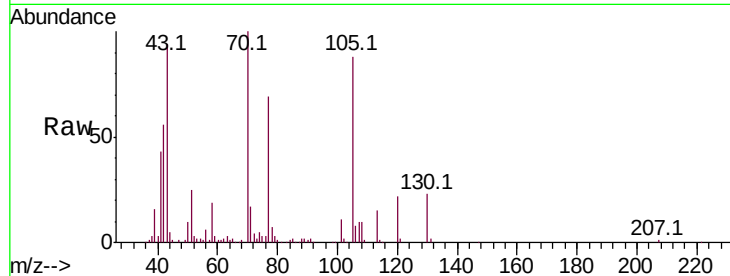
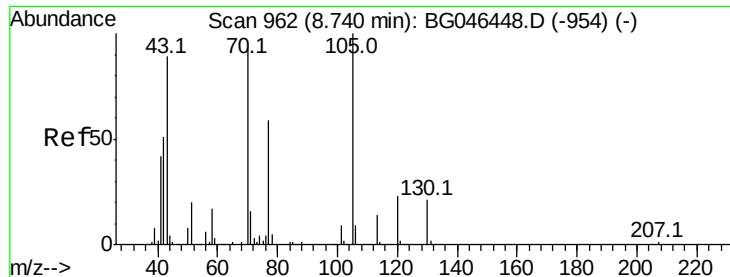
#18
Hexachloroethane
Concen: 36.748 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	80.8	121.2
201	127.1	106.7	160.1



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

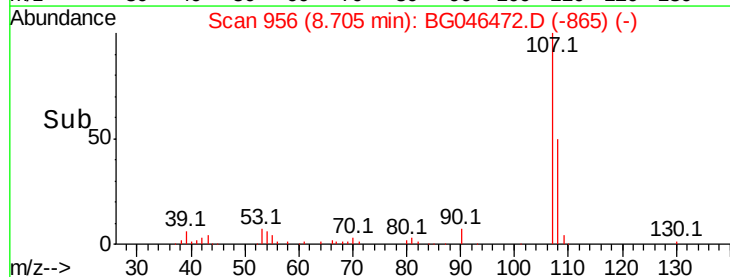
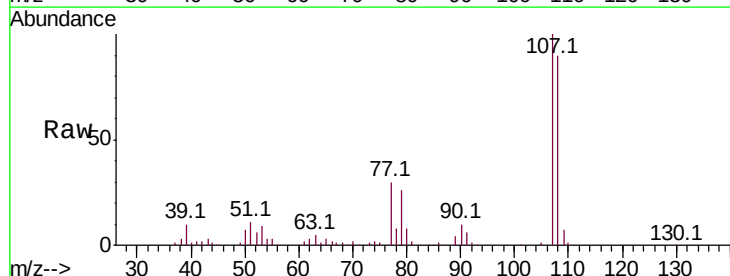
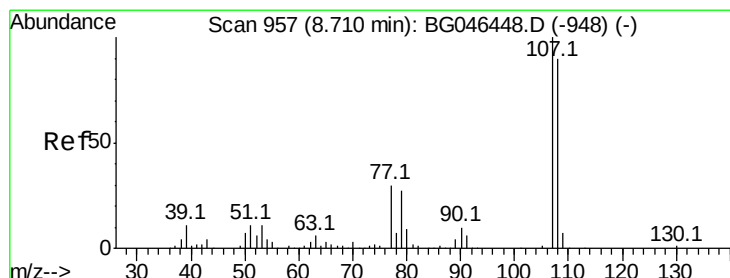
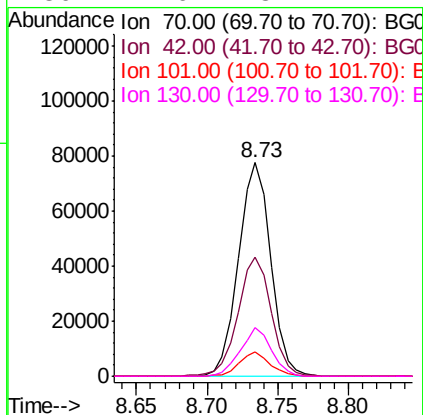




#19
n-Nitroso-di-n-propylamine
Concen: 37.142 ng
RT: 8.73 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

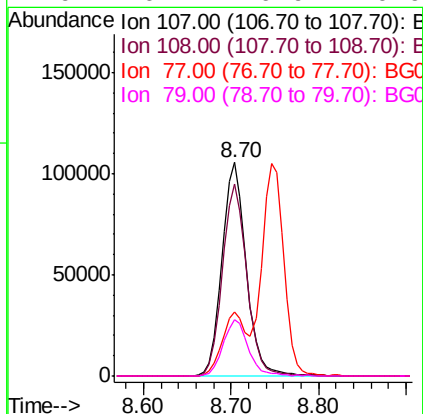
Instrument :
BNA_G
ClientSampleId :
PB131309BS

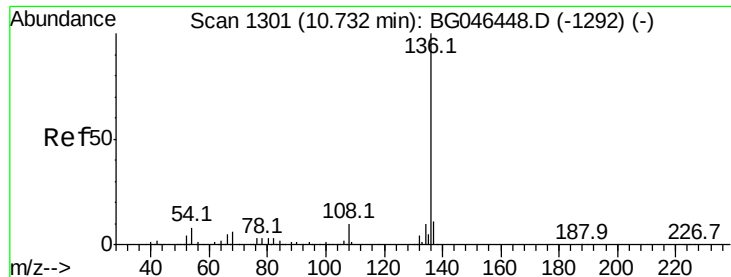
Tot Ion:	70	Resp:	124018
Ion	Ratio	Lower	Upper
70	100		
42	56.0	44.2	66.2
101	11.1	7.8	11.8
130	22.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 40.068 ng
RT: 8.70 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:	107	Resp:	201655
Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.7	109.7
77	30.1	9.7	49.7
79	26.4	6.9	46.9

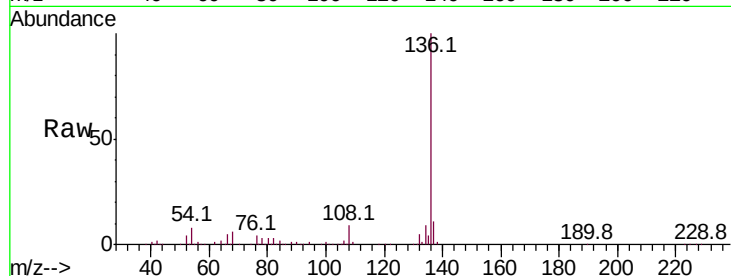




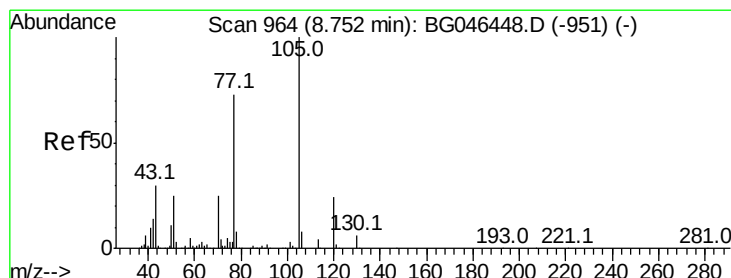
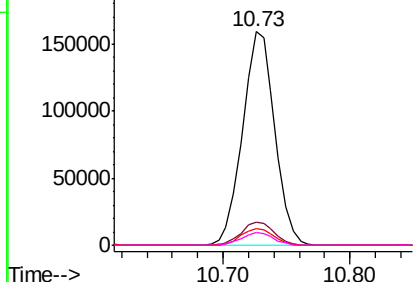
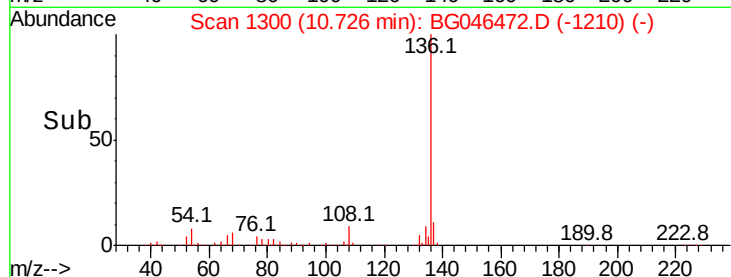
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion:136	Resp:	279847	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.6	6.1	9.1	
68 6.1	4.8	7.2	

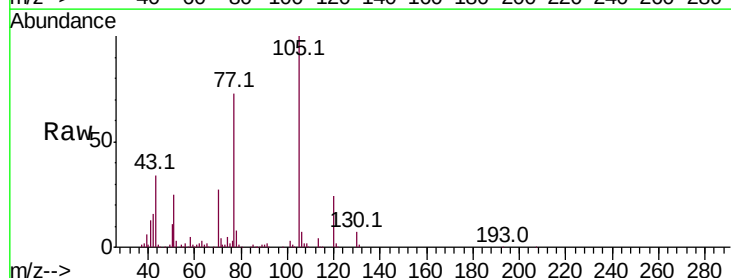


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
200000
Ion 54.00 (53.70 to 54.70): BGC
150000
Ion 68.00 (67.70 to 68.70): BGC
100000
50000
0

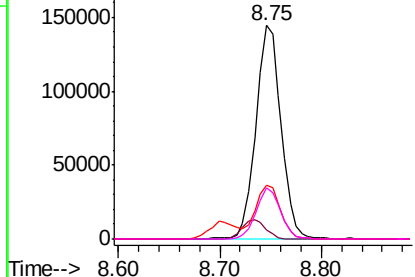
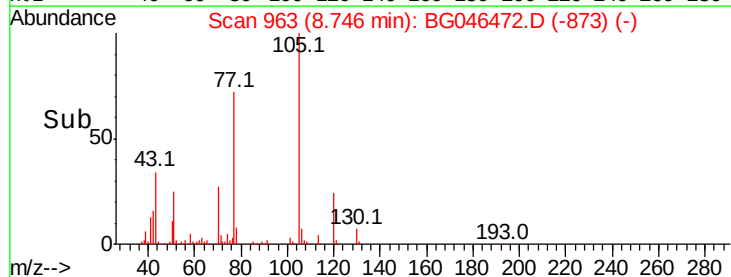


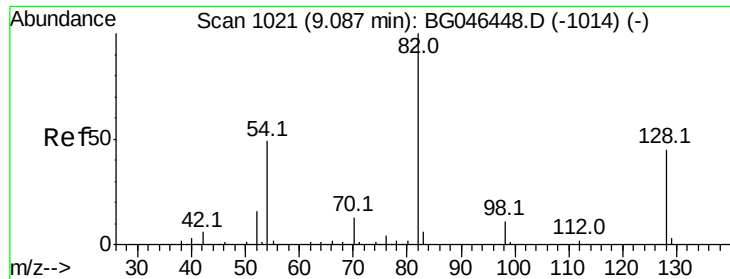
#22
Acetophenone
Concen: 36.479 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ion:105	Resp:	248494
105	Ratio 100	Lower	Upper
71	4.4	3.3	4.9
51	25.0	20.6	31.0
120	24.0	19.0	28.6



Abundance Ion 105.00 (104.70 to 105.70): E
200000
Ion 71.00 (70.70 to 71.70): BGC
150000
Ion 51.00 (50.70 to 51.70): BGC
100000
Ion 120.00 (119.70 to 120.70): E
50000
0

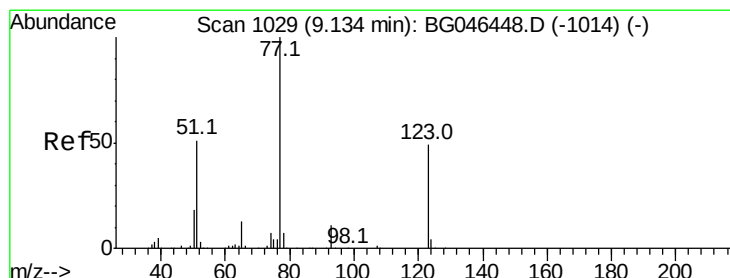
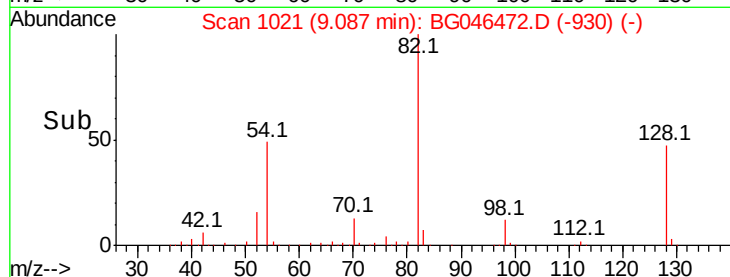
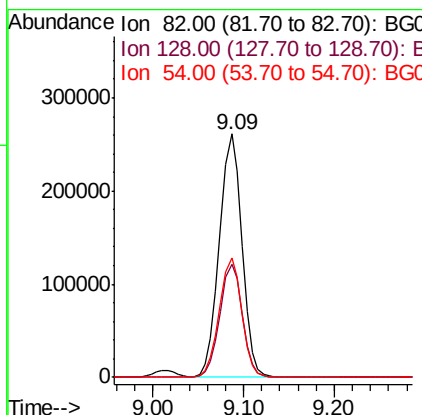
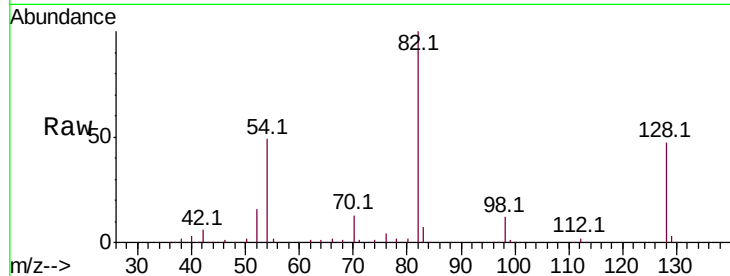




#23
 Nitrobenzene-d5
 Concen: 92.283 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

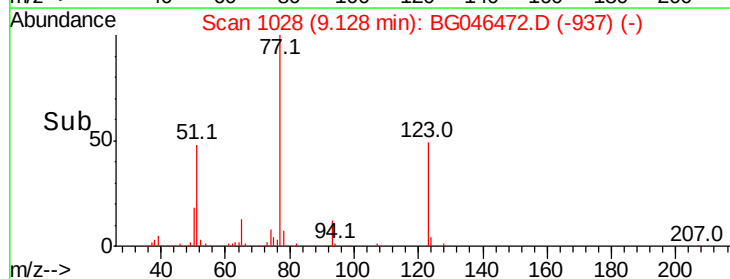
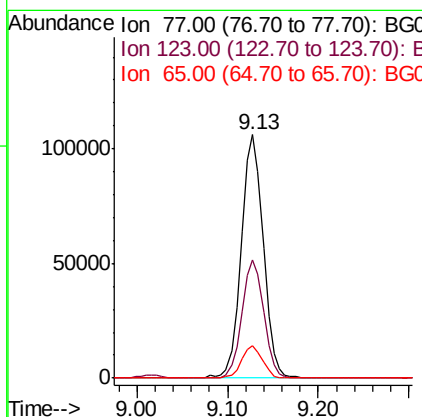
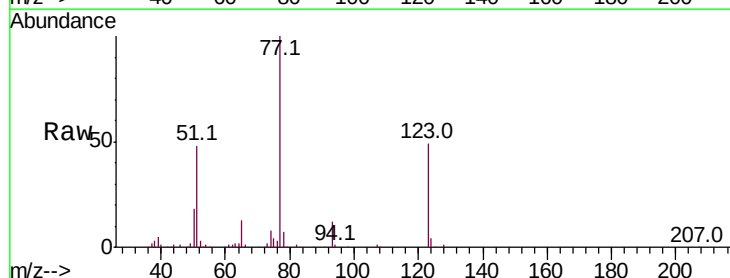
Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

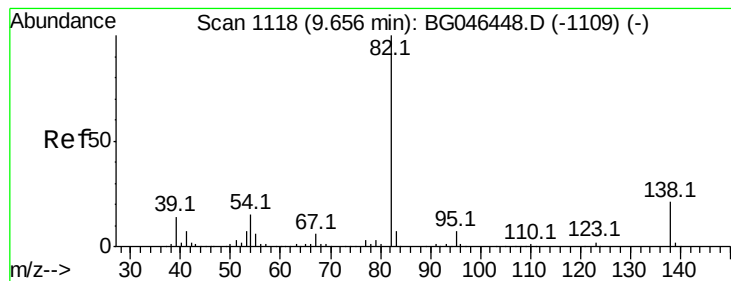
Tot Ion	82	Resp	451843
Ion Ratio	Lower	Upper	
82	100		
128	46.6	35.7	53.5
54	49.0	39.4	59.0



#24
 Nitrobenzene
 Concen: 37.149 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	77	Resp	179700
Ion Ratio	Lower	Upper	
77	100		
123	48.8	39.6	59.4
65	13.2	10.1	15.1





#25

Isophorone

Concen: 37.824 ng

RT: 9.65 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

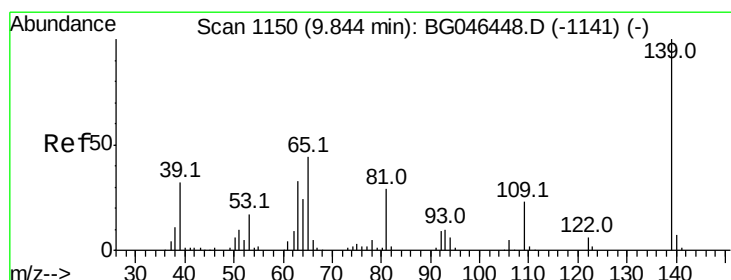
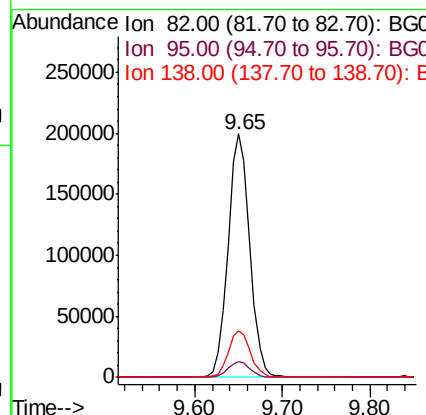
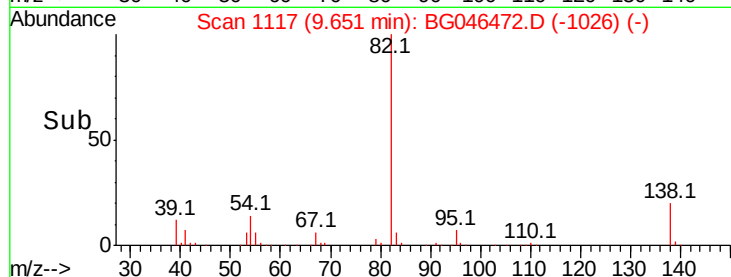
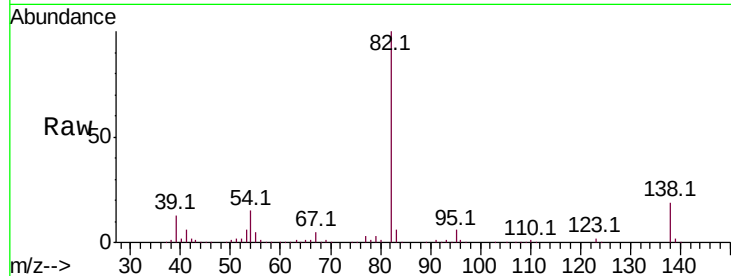
Tot Ion: 82 Resp: 339532

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.6

138 19.1 16.4 24.6



#26

2-Nitrophenol

Concen: 38.247 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

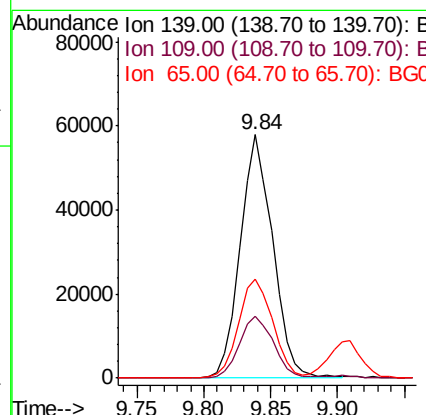
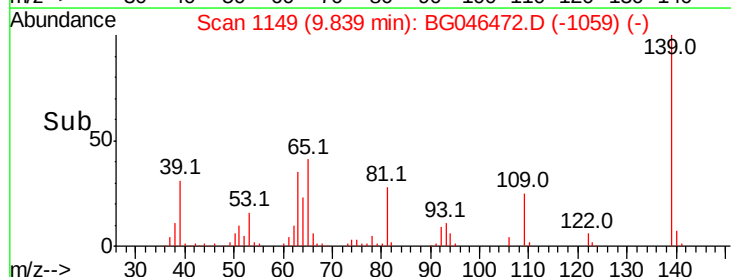
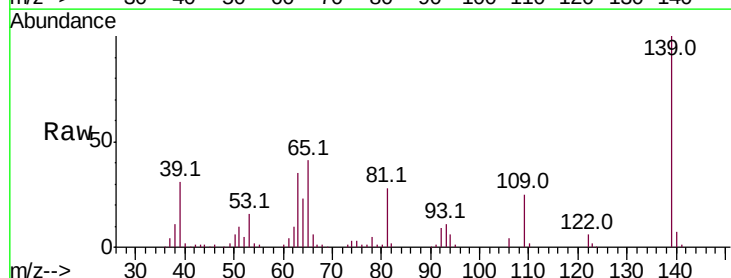
Tgt Ion:139 Resp: 97612

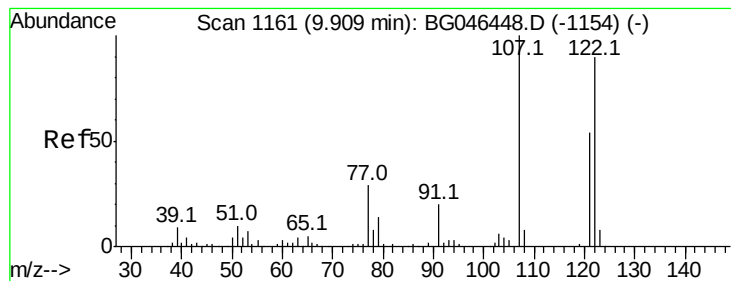
Ion Ratio Lower Upper

139 100

109 25.2 18.8 28.2

65 40.8 35.0 52.6





#27

2,4-Dimethylphenol

Concen: 45.771 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

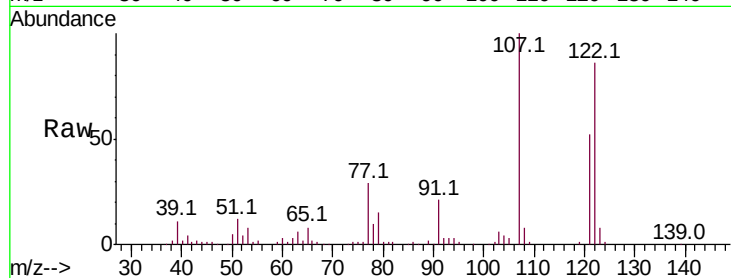
Tot Ion:122 Resp: 160668

Ion Ratio Lower Upper

122 100

107 116.8 88.2 132.2

121 61.2 47.4 71.0

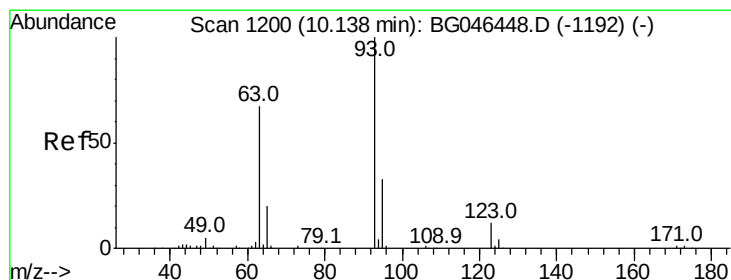
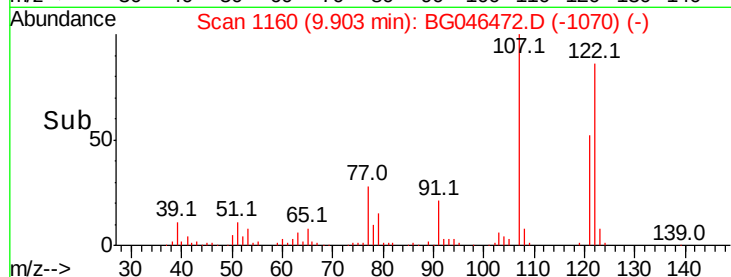
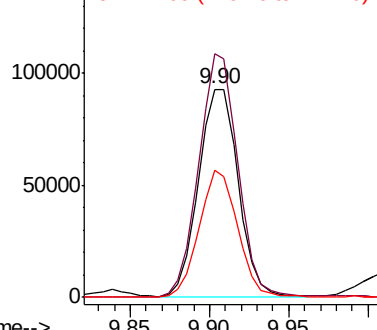


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.236 ng

RT: 10.13 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

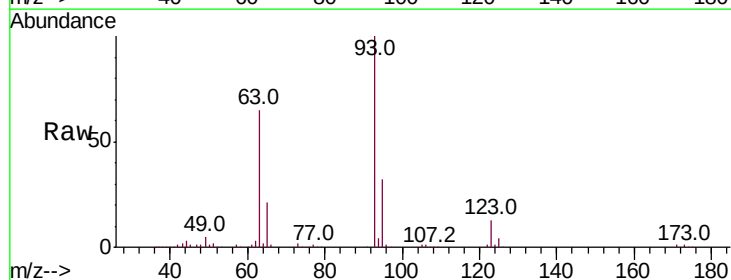
Tgt Ion: 93 Resp: 209362

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 12.6 9.5 14.3

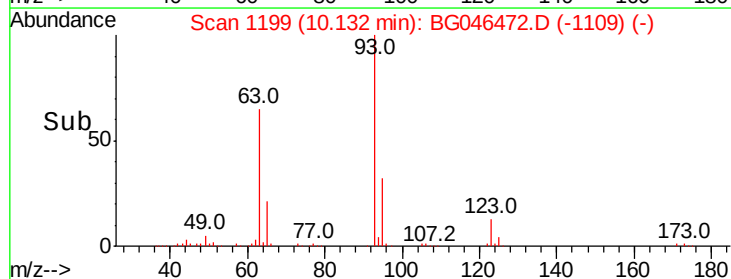
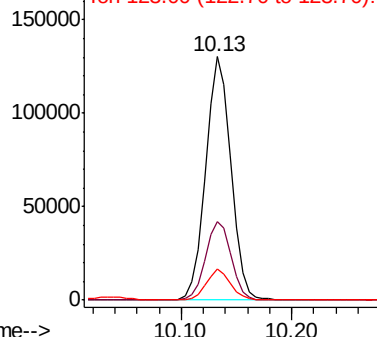


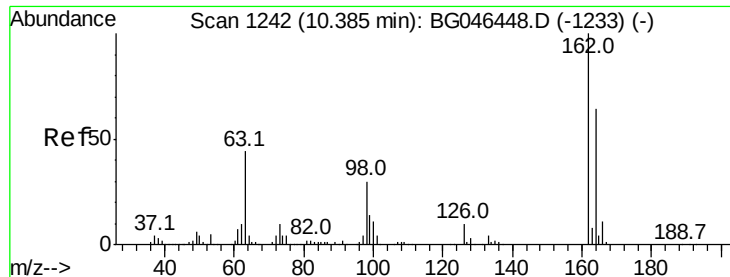
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

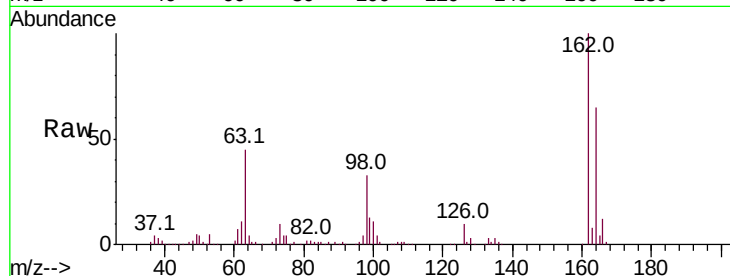




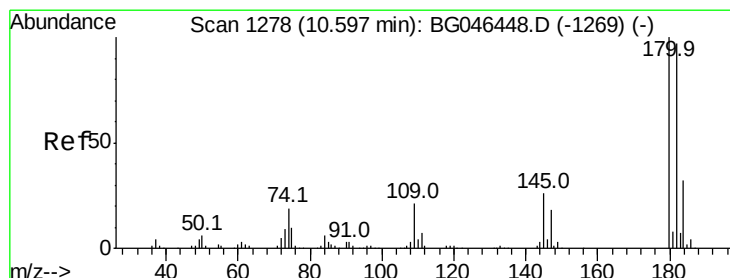
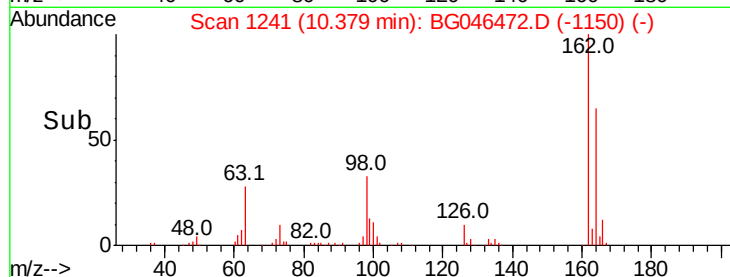
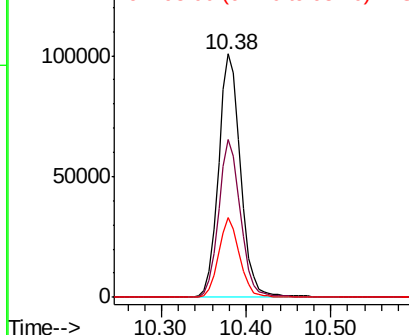
#29
2,4-Dichlorophenol
Concen: 39.250 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.3	84.3
98	32.6	10.0	50.0

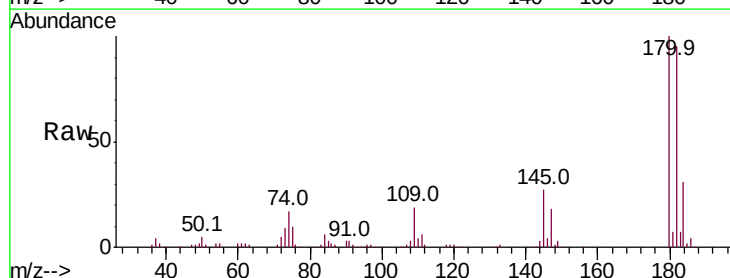


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

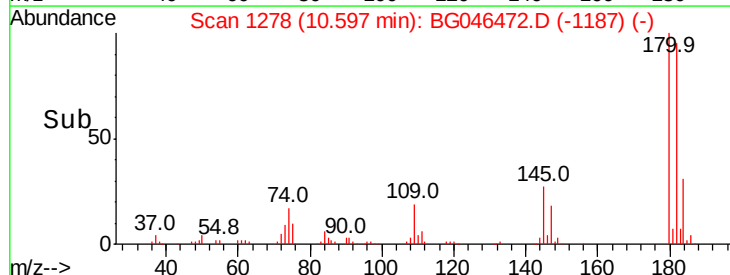
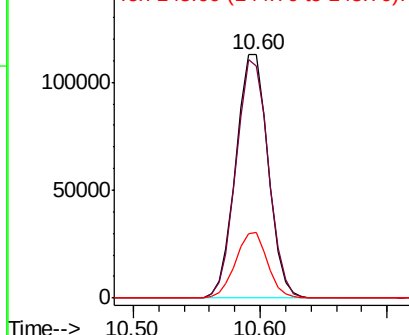


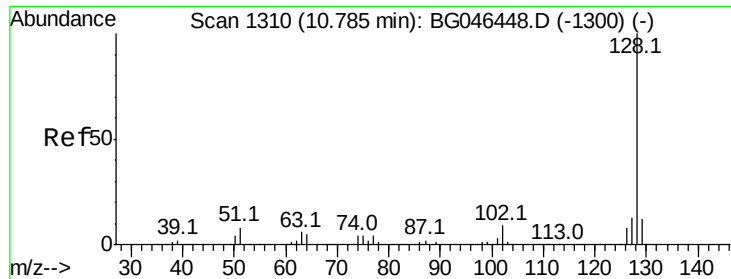
#30
1,2,4-Trichlorobenzene
Concen: 36.003 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.8	116.8
145	27.0	20.9	31.3



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

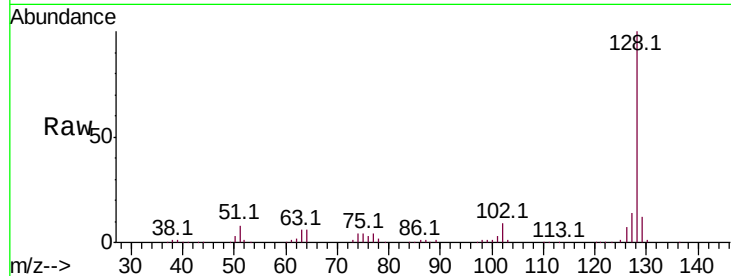




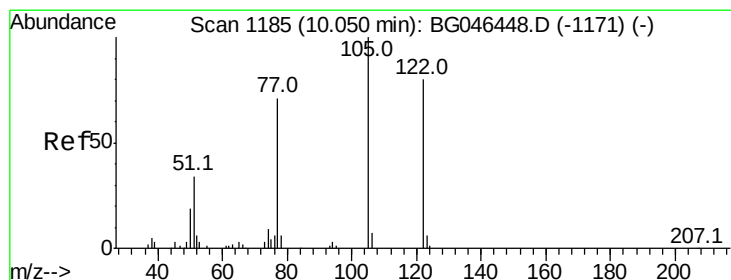
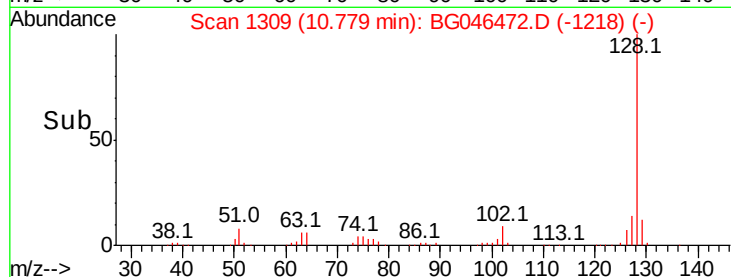
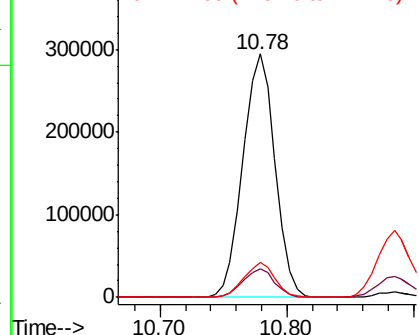
#31
Naphthalene
Concen: 37.876 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion:128 Resp: 517530
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 14.4 10.7 16.1

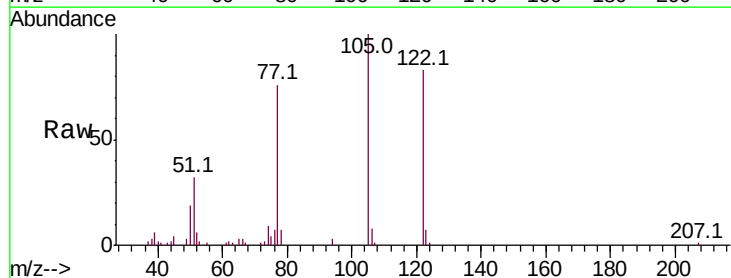


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

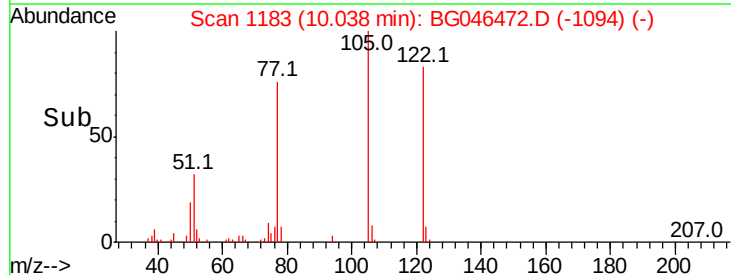
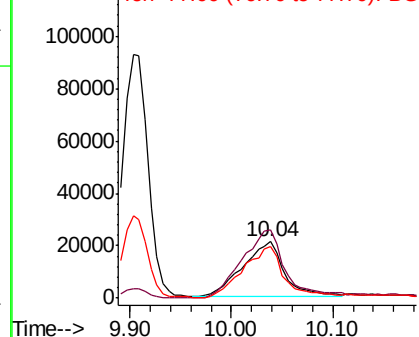


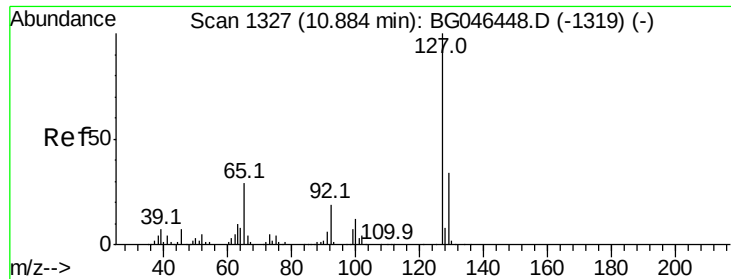
#32
Benzoic acid
Concen: 27.636 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:122 Resp: 59108
Ion Ratio Lower Upper
122 100
105 120.9 102.5 142.5
77 91.4 68.2 108.2



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

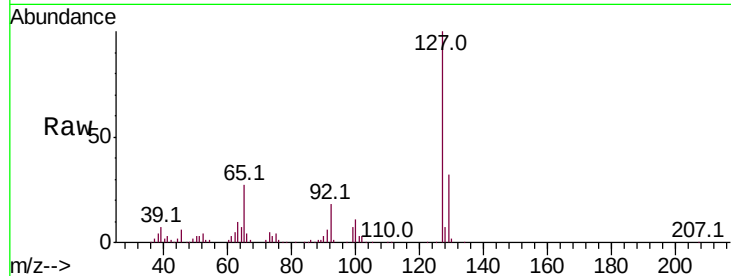




#33
4-Chloroaniline
Concen: 25.338 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion:	127	Resp:	152665
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.0	40.4
65	26.7	23.5	35.3
92	17.7	14.9	22.3



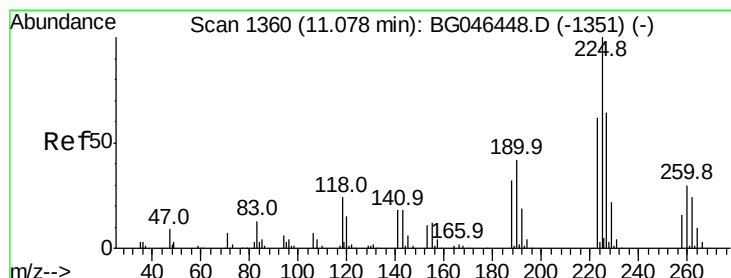
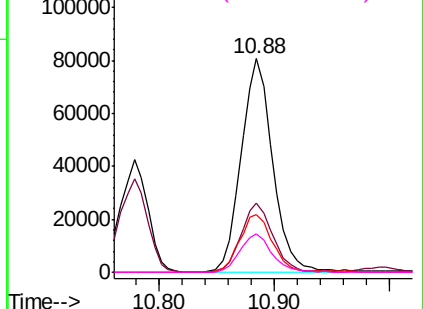
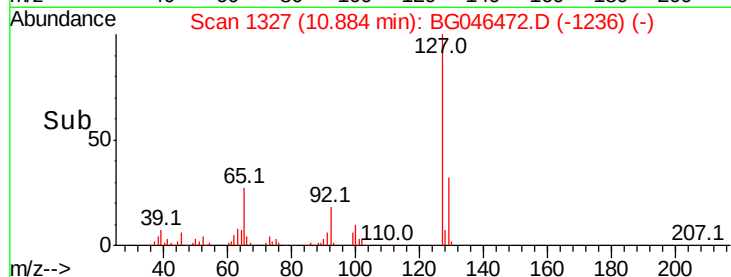
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

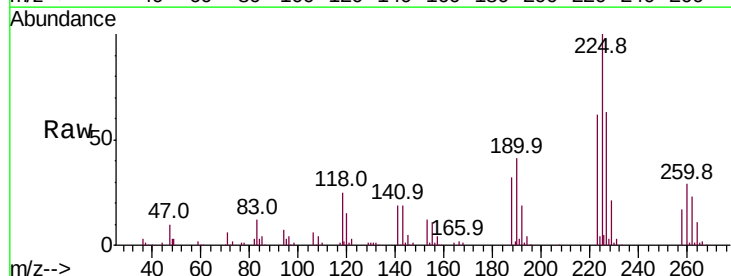
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 34.517 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:	225	Resp:	124408
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.9	74.9
227	63.4	51.6	77.4

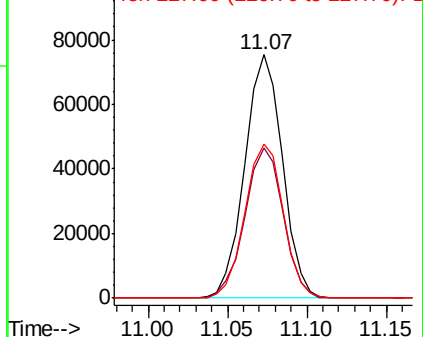
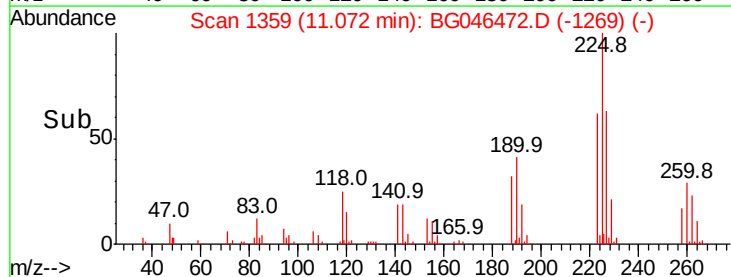


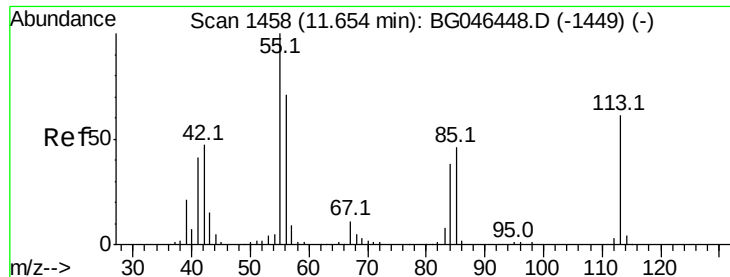
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.741 ng

RT: 11.64 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

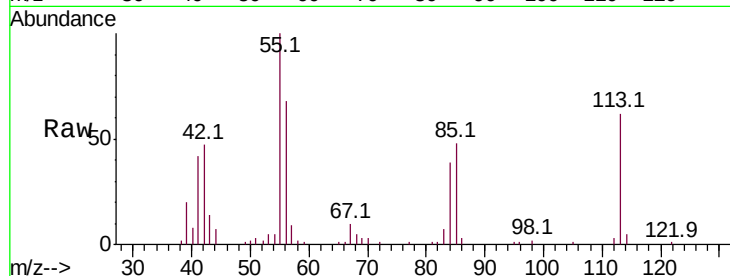
Tot Ion:113 Resp: 32781

Ion Ratio Lower Upper

113 100

55 162.1 144.2 184.2

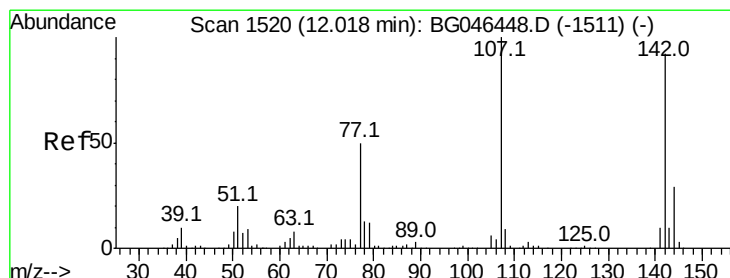
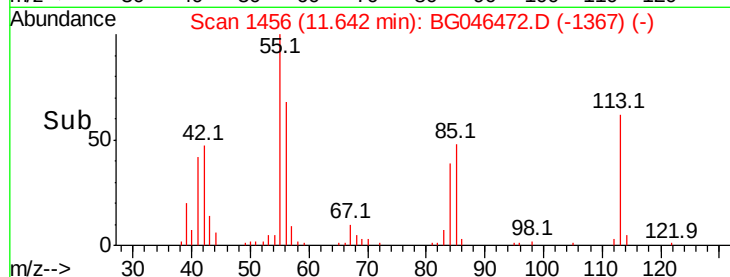
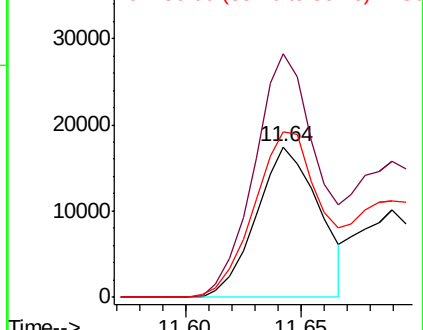
56 109.9 97.0 137.0



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: 38.577 ng

RT: 12.01 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

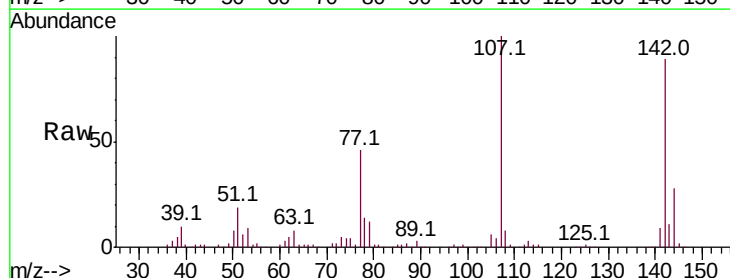
Tgt Ion:107 Resp: 176559

Ion Ratio Lower Upper

107 100

144 27.9 23.3 34.9

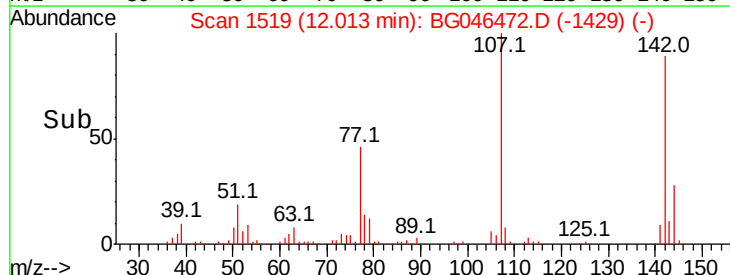
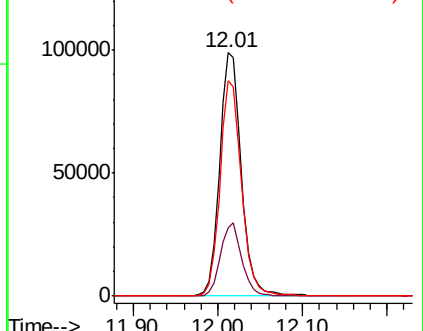
142 88.5 73.7 110.5

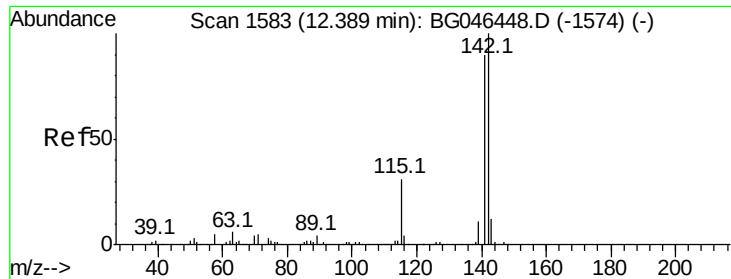


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

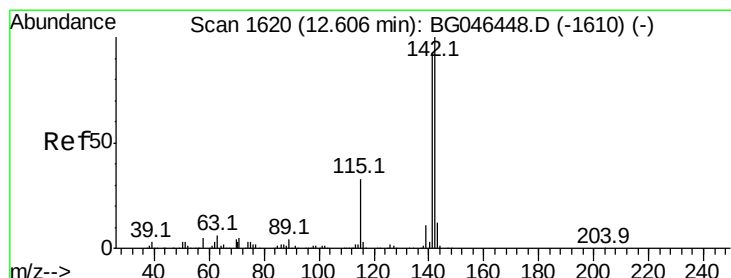
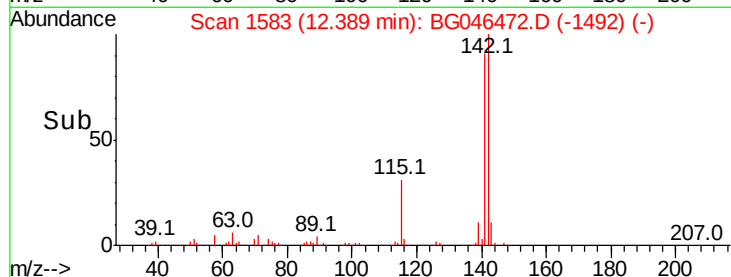
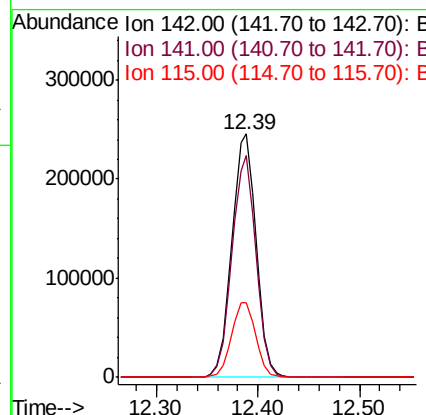
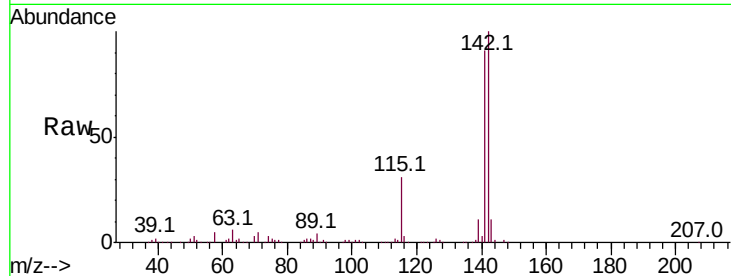




#37
2-Methylnaphthalene
Concen: 37.781 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

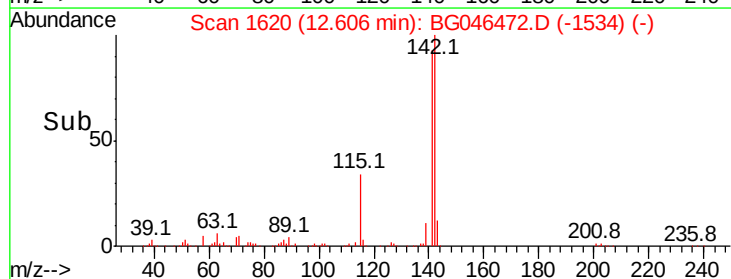
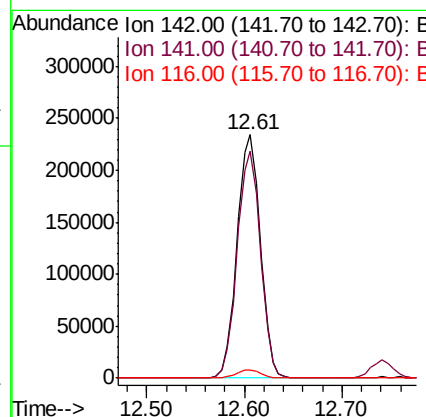
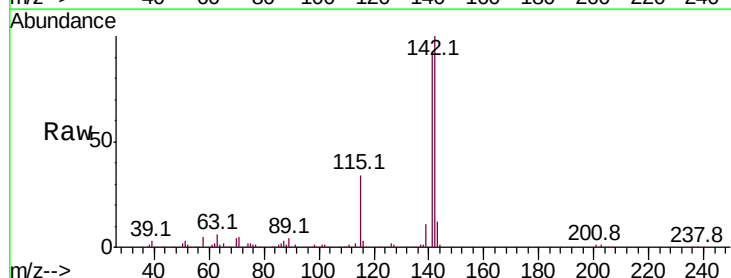
Instrument :
BNA_G
ClientSampleId :
PB131309BS

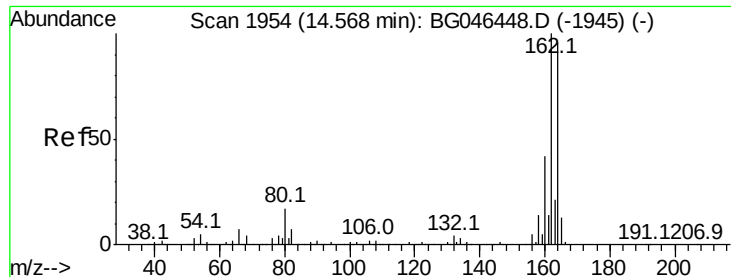
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.1	108.1
115	30.6	24.9	37.3



#38
1-Methylnaphthalene
Concen: 37.986 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.7	112.1
116	3.1	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

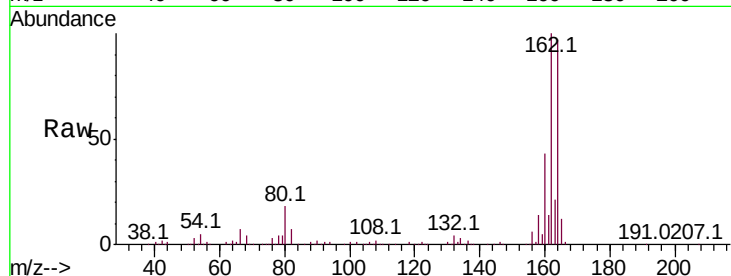
Tot Ion:164 Resp: 196577

Ion Ratio Lower Upper

164 100

162 103.4 83.3 124.9

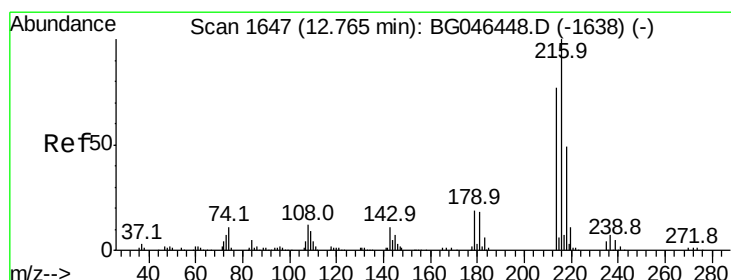
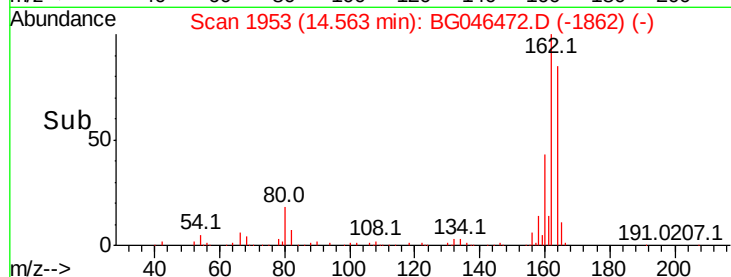
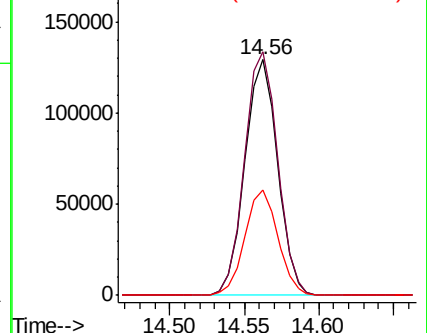
160 44.9 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.126 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:216 Resp: 240662

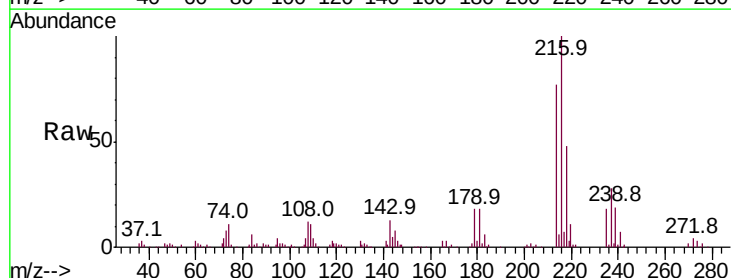
Ion Ratio Lower Upper

216 100

214 77.7 62.1 93.1

179 18.3 14.9 22.3

108 14.7 10.5 15.7

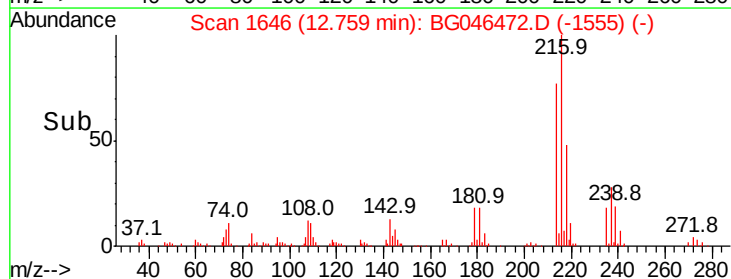
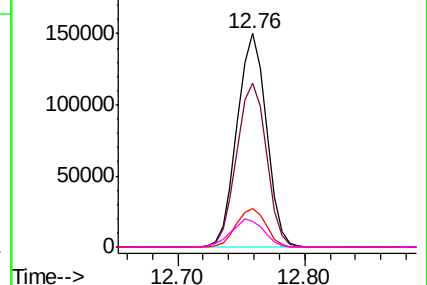


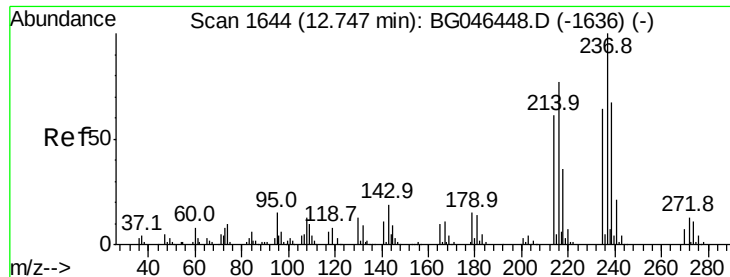
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.204 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

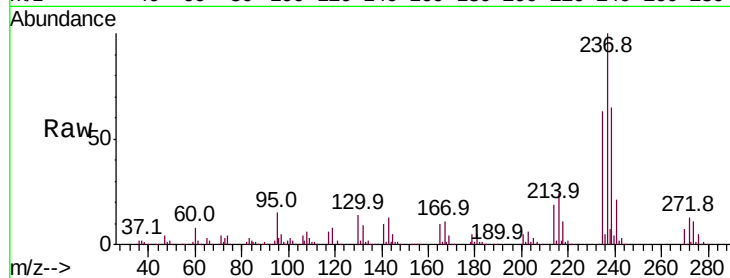
Tot Ion:237 Resp: 265533

Ion Ratio Lower Upper

237 100

235 63.4 44.5 84.5

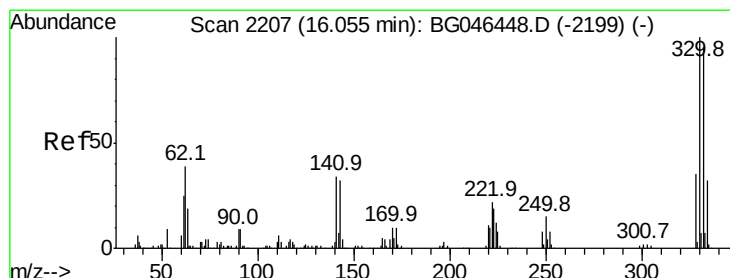
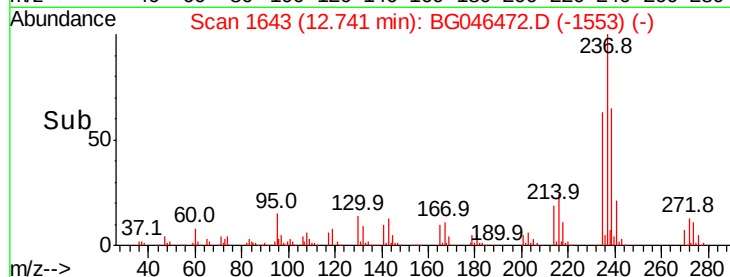
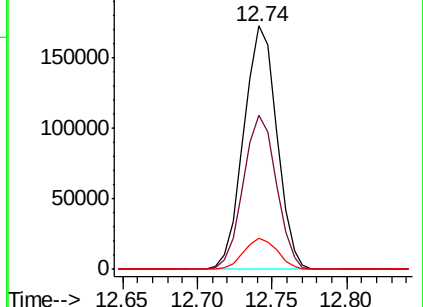
272 13.0 0.0 32.8



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: 97.927 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

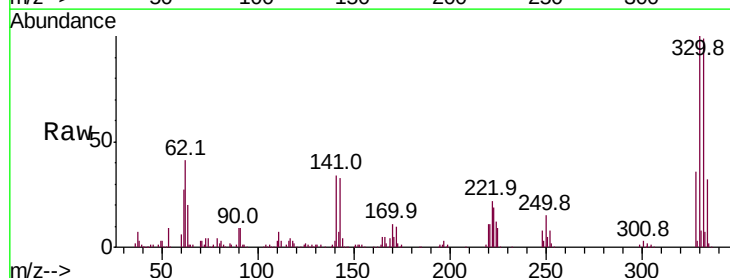
Tgt Ion:330 Resp: 260827

Ion Ratio Lower Upper

330 100

332 97.6 76.1 114.1

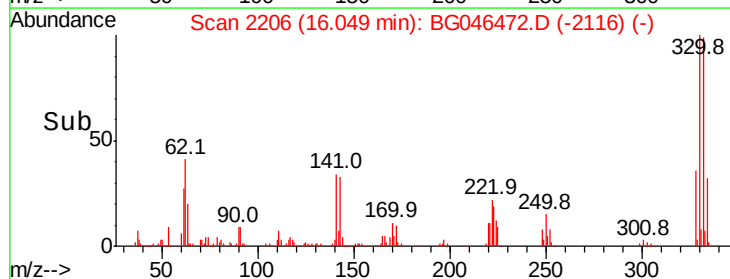
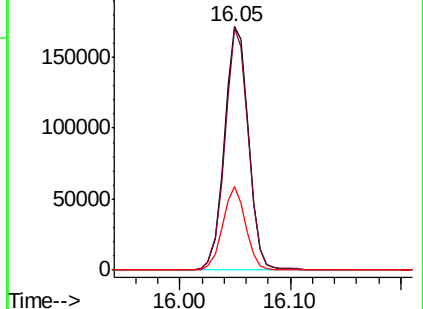
141 32.9 26.1 39.1

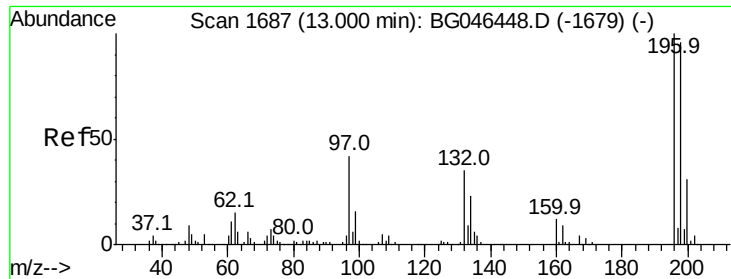


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

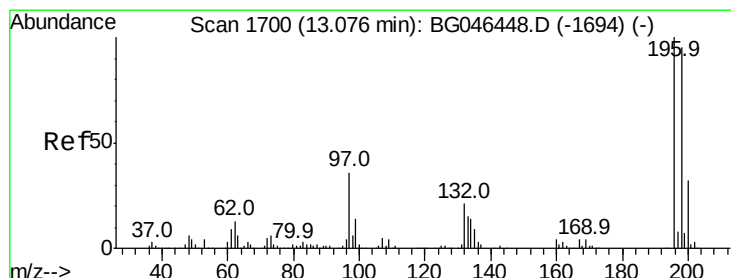
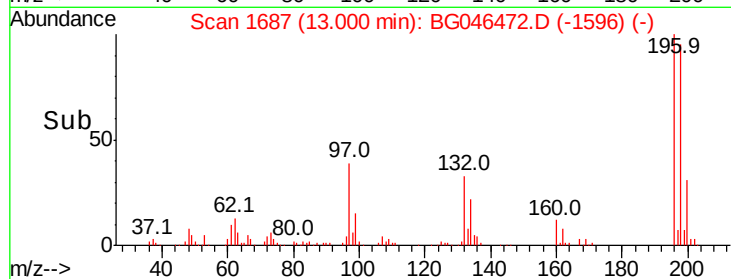
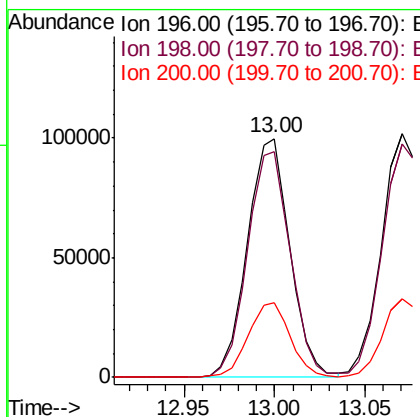
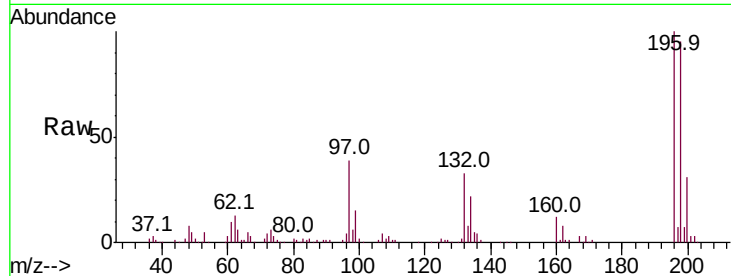




#43
 2,4,6-Trichlorophenol
 Concen: 37.184 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

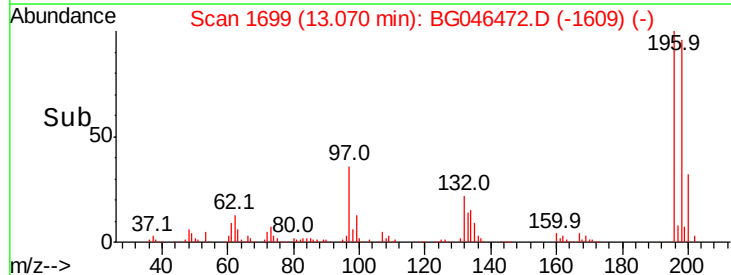
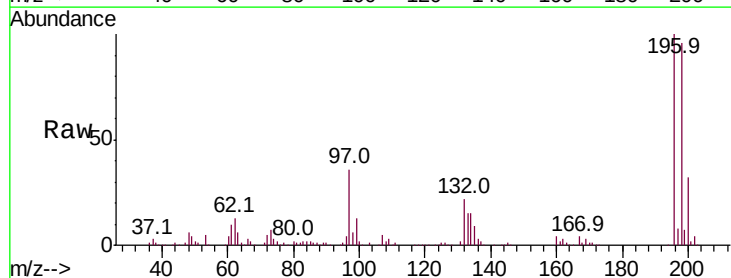
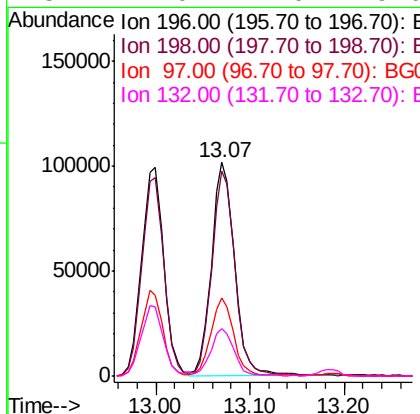
Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

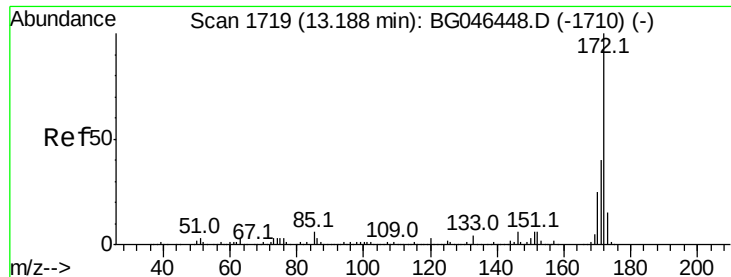
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.0	115.6
200	31.2	25.2	37.8



#44
 2,4,5-Trichlorophenol
 Concen: 38.212 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.6	113.4
97	36.4	28.6	43.0
132	22.0	17.0	25.6

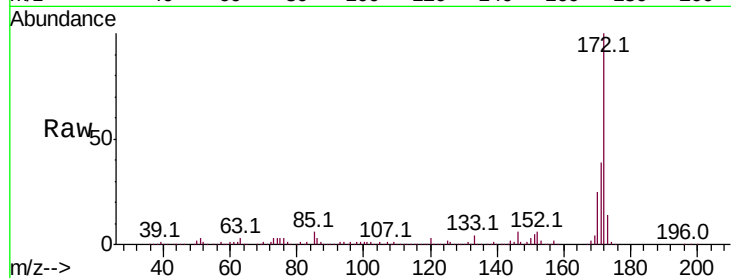




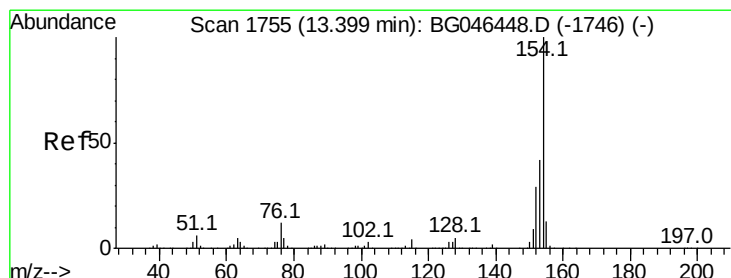
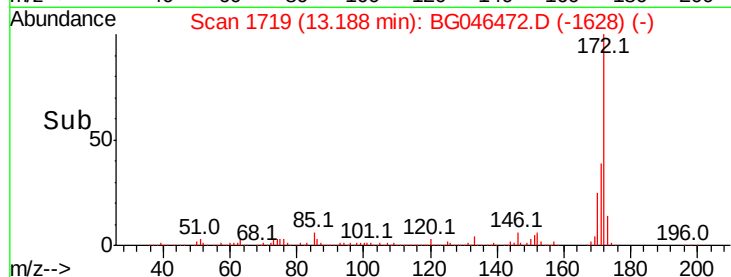
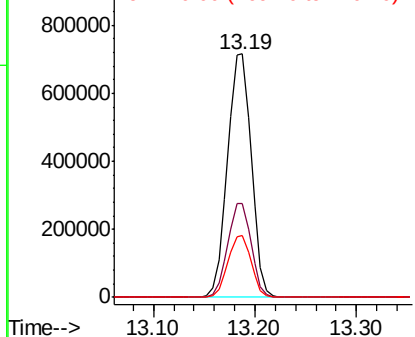
#45
2-Fluorobiphenyl
Concen: 90.481 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Instrument :
BNA_G
ClientSampleId :
PB131309BS

Tot Ion:172 Resp: 1165130
Ion Ratio Lower Upper
172 100
171 38.8 31.8 47.6
170 25.4 20.3 30.5

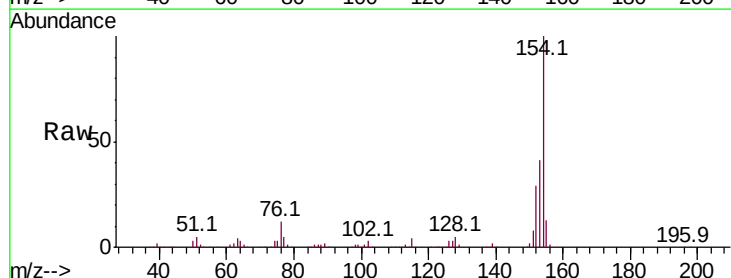


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

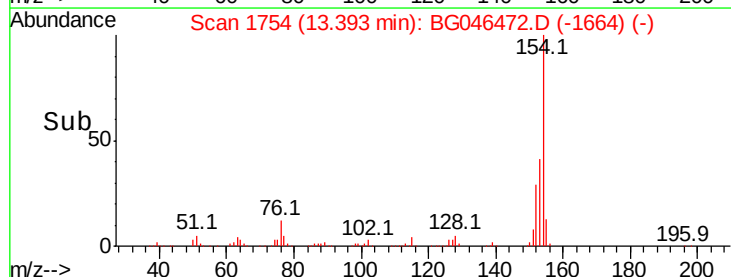
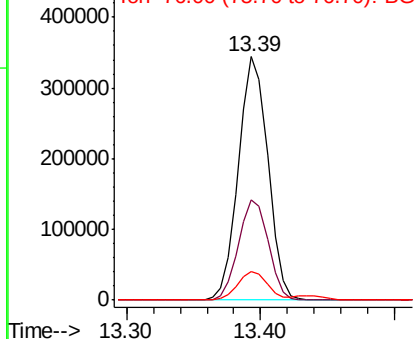


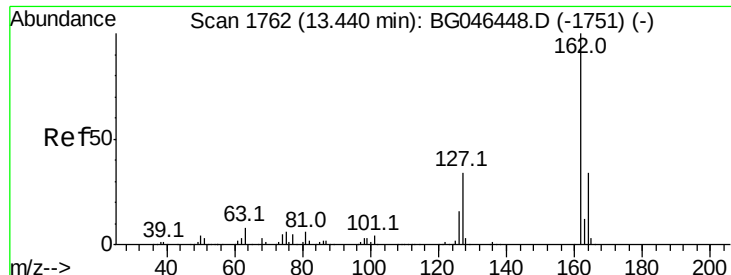
#46
1,1'-Biphenyl
Concen: 38.402 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:154 Resp: 525219
Ion Ratio Lower Upper
154 100
153 41.4 22.0 62.0
76 11.6 0.0 32.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

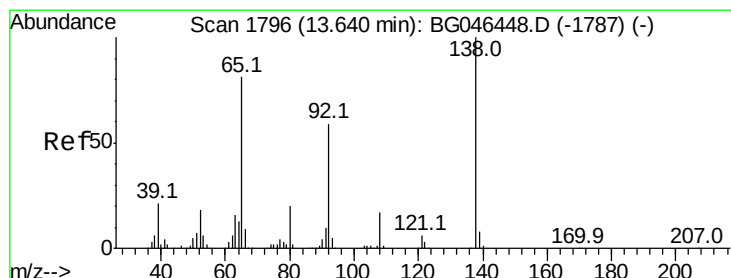
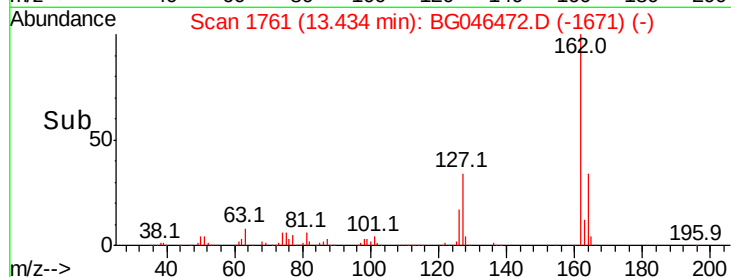
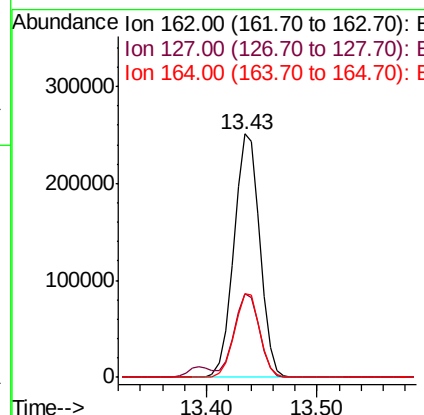
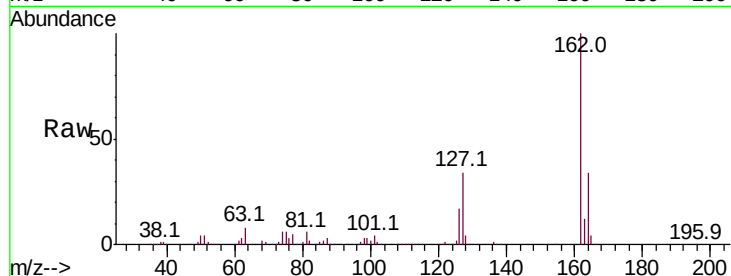




#47
 2-Chloronaphthalene
 Concen: 35.532 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

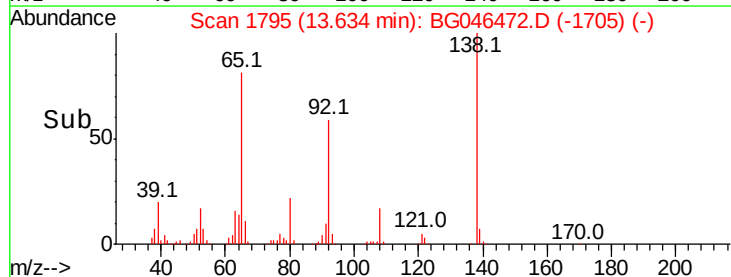
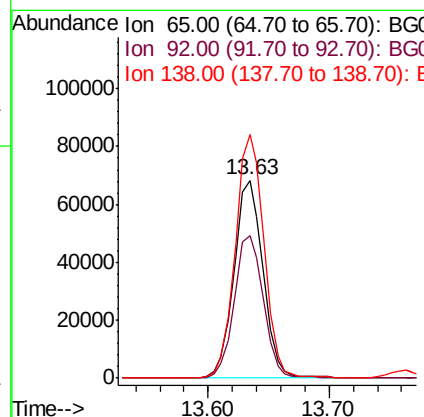
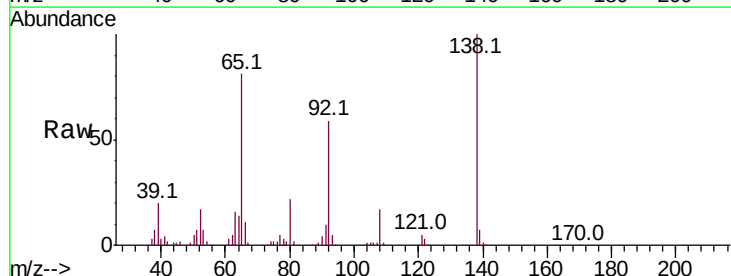
Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

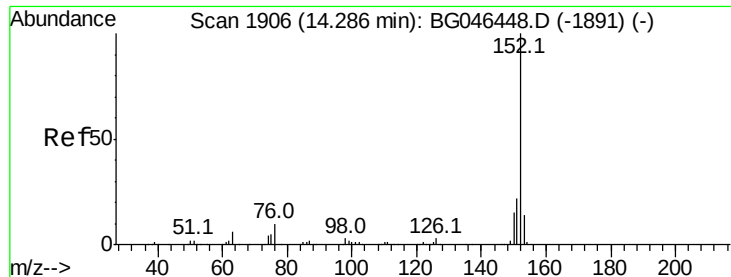
Tot Ion:162 Resp: 412024
 Ion Ratio Lower Upper
 162 100
 127 34.3 27.6 41.4
 164 34.5 27.3 40.9



#48
 2-Nitroaniline
 Concen: 35.514 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion: 65 Resp: 114352
 Ion Ratio Lower Upper
 65 100
 92 72.4 58.5 87.7
 138 123.3 98.4 147.6





#49

Acenaphthylene

Concen: 38.364 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

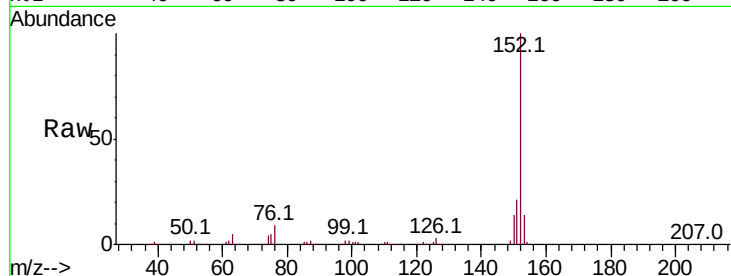
Tot Ion:152 Resp: 674831

Ion Ratio Lower Upper

152 100

151 21.2 17.7 26.5

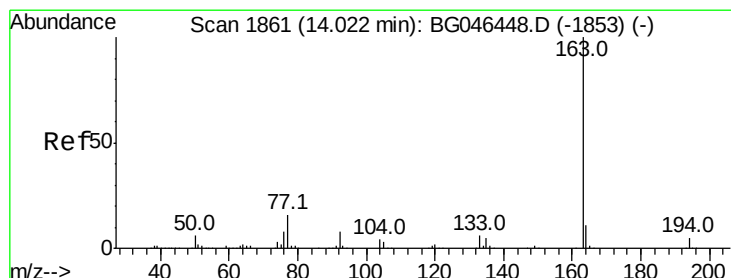
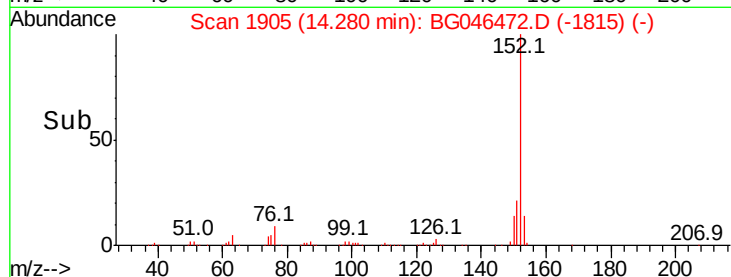
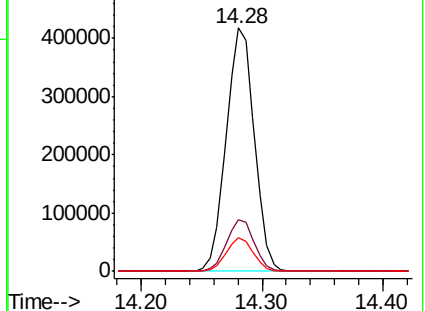
153 13.9 11.2 16.8



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: 35.135 ng

RT: 14.02 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

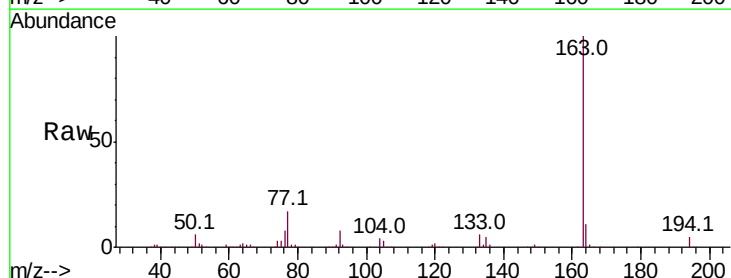
Tgt Ion:163 Resp: 534332

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

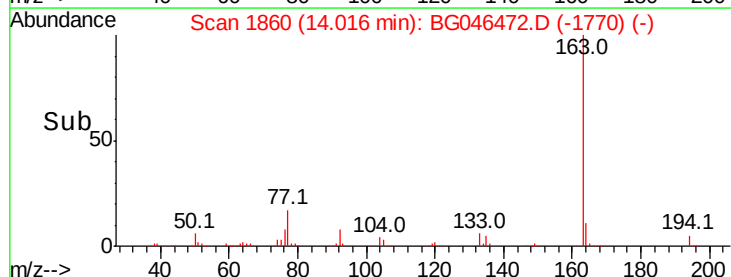
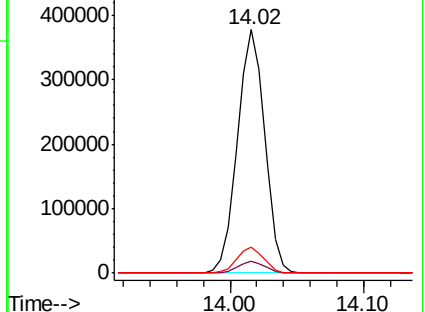
164 10.6 8.6 12.8

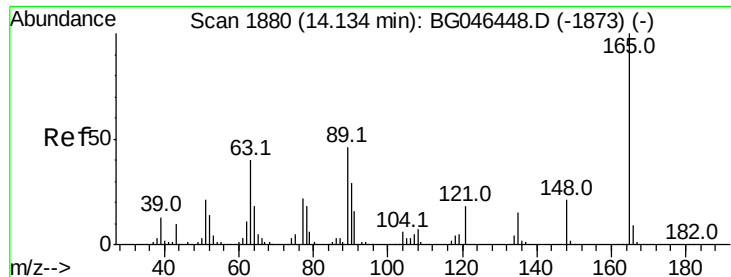


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.832 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

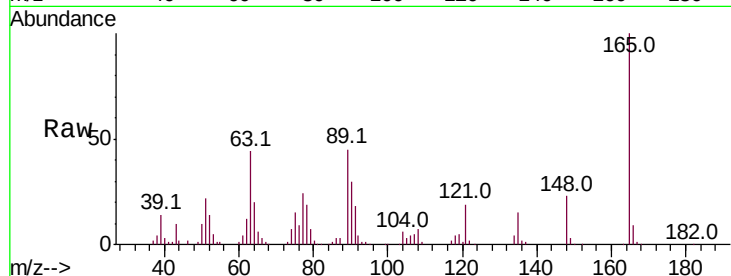
Tot Ion:165 Resp: 123474

Ion Ratio Lower Upper

165 100

63 43.6 34.2 51.4

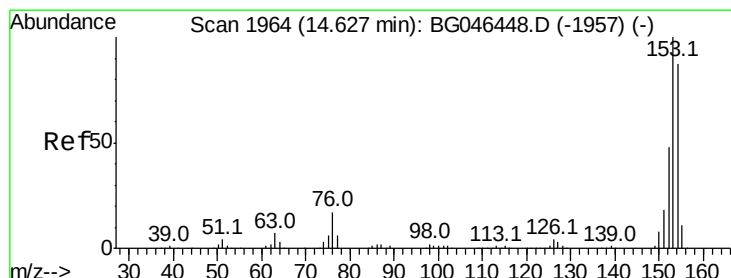
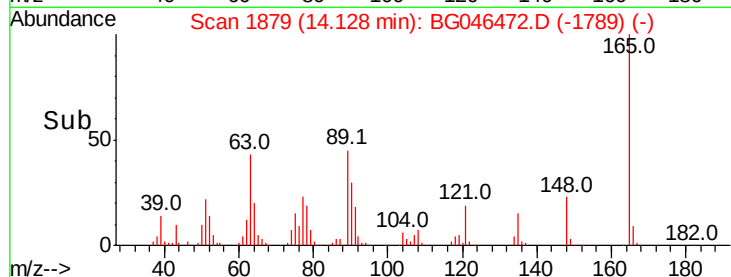
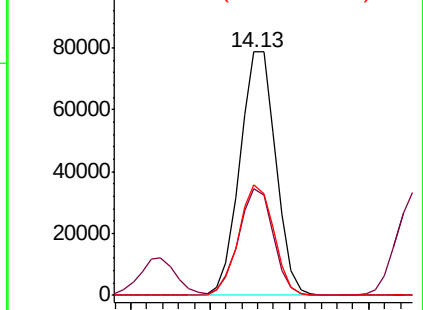
89 45.5 37.0 55.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 36.802 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

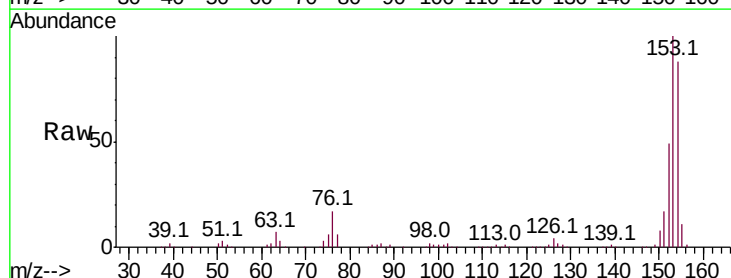
Tgt Ion:154 Resp: 401157

Ion Ratio Lower Upper

154 100

153 113.1 91.9 137.9

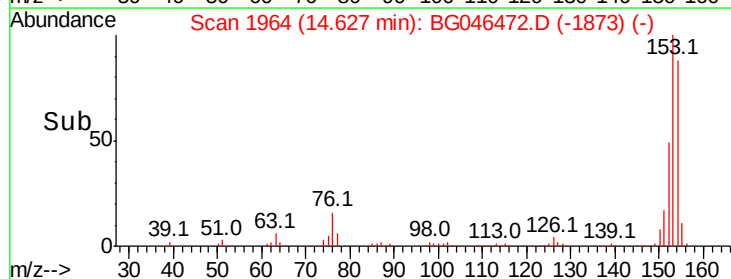
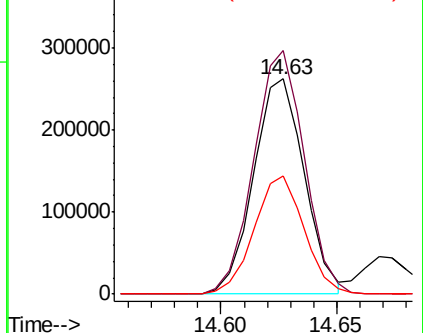
152 55.0 43.8 65.6

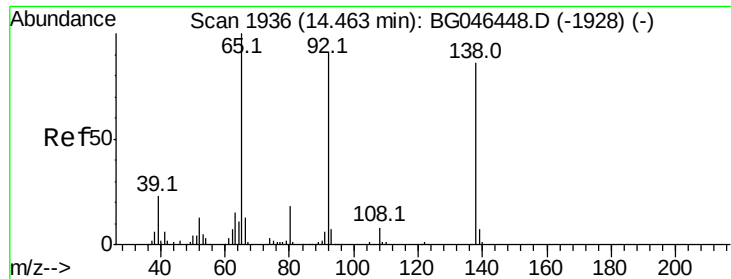


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

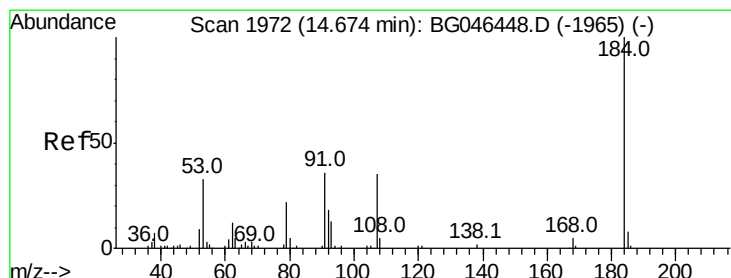
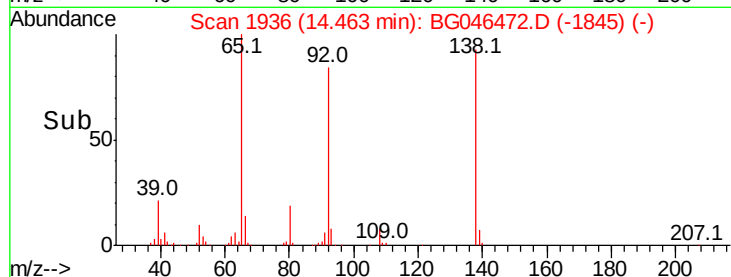
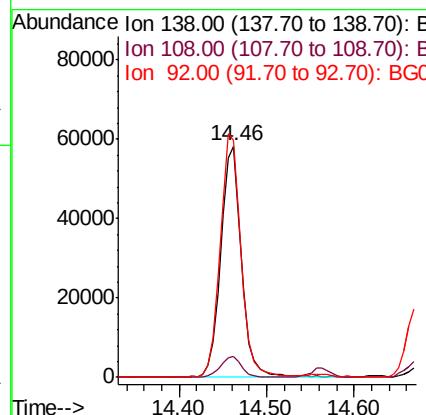
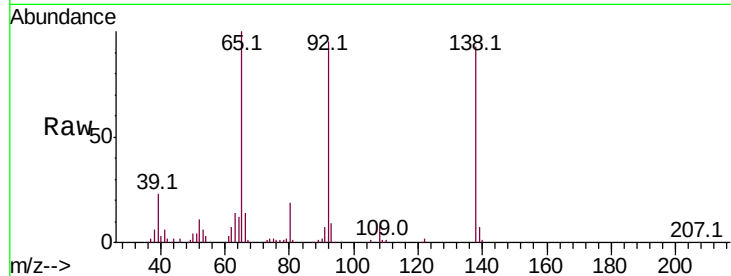




#53
3-Nitroaniline
Concen: 26.416 ng
RT: 14.46 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

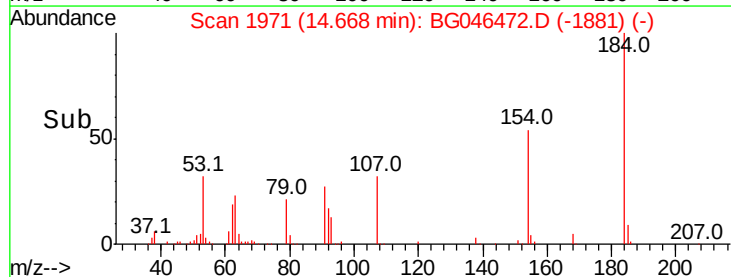
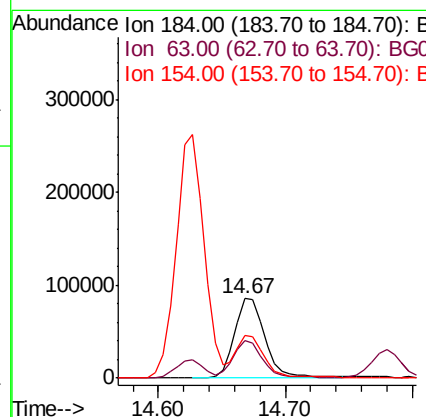
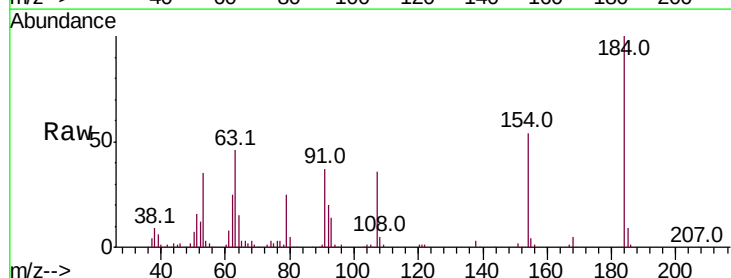
Instrument :
BNA_G
ClientSampleId :
PB131309BS

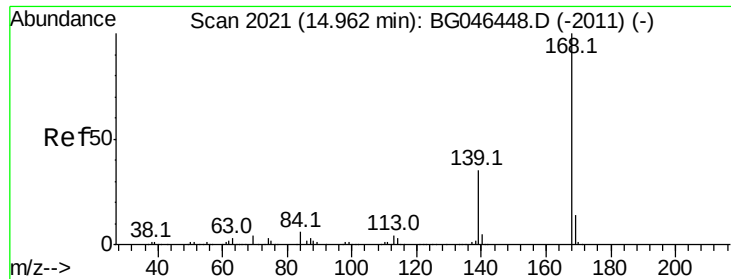
Tot Ion:138 Resp: 95927
Ion Ratio Lower Upper
138 100
108 9.2 7.0 10.6
92 102.7 84.6 127.0



#54
2,4-Dinitrophenol
Concen: 73.626 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:184 Resp: 144074
Ion Ratio Lower Upper
184 100
63 46.5 35.6 53.4
154 53.9 44.3 66.5

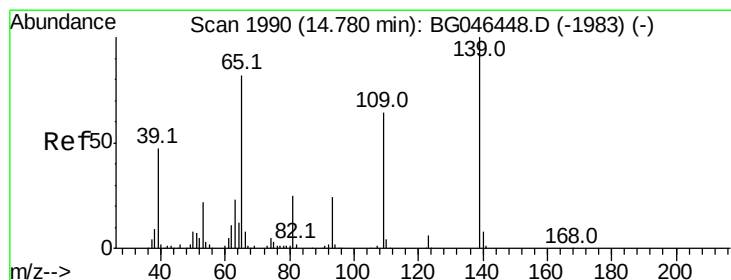
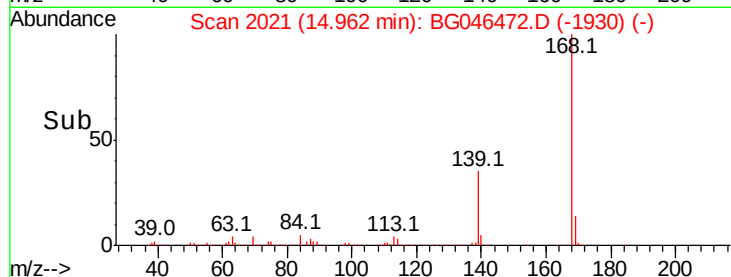
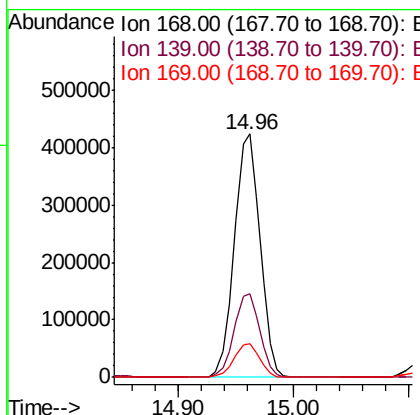
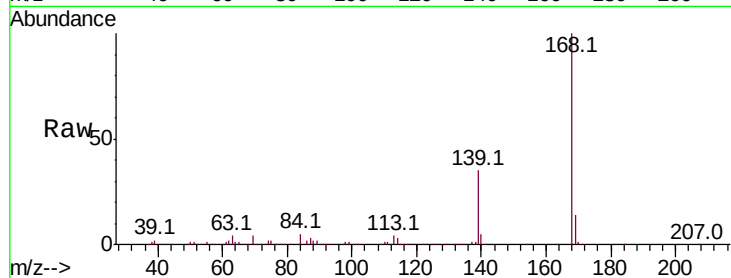




#55
Dibenzenofuran
Concen: 37.211 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

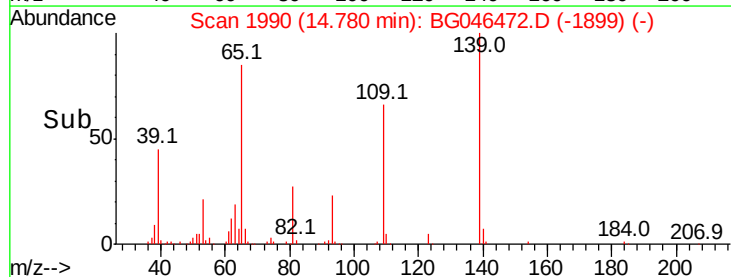
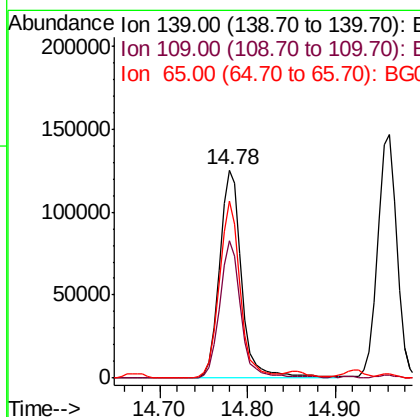
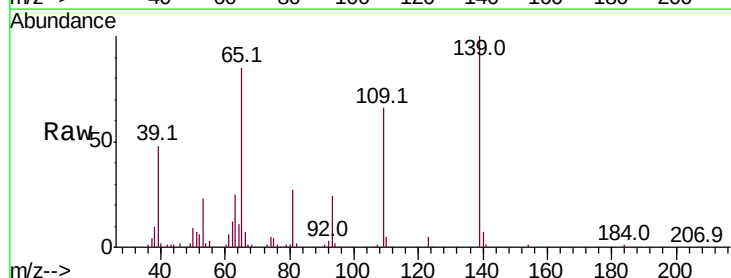
Instrument :
BNA_G
ClientSampleId :
PB131309BS

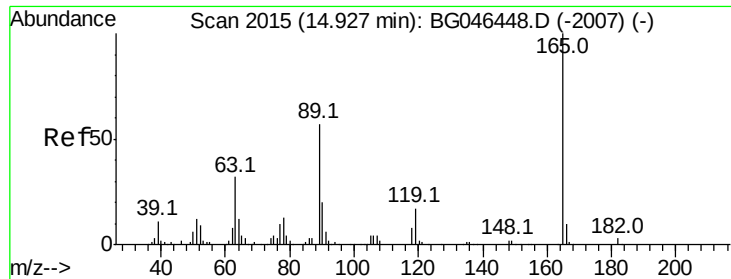
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.6	28.1	42.1
169	13.9	11.5	17.3



#56
4-Nitrophenol
Concen: 82.236 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	44.3	84.3
65	85.1	61.5	101.5

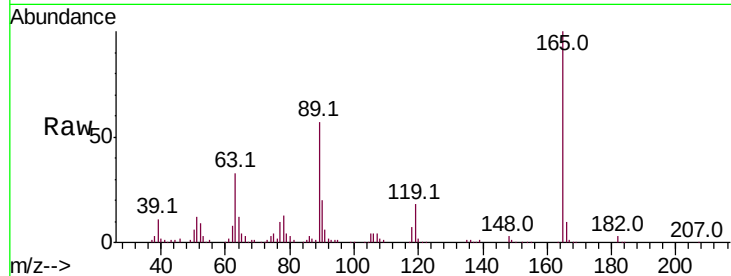




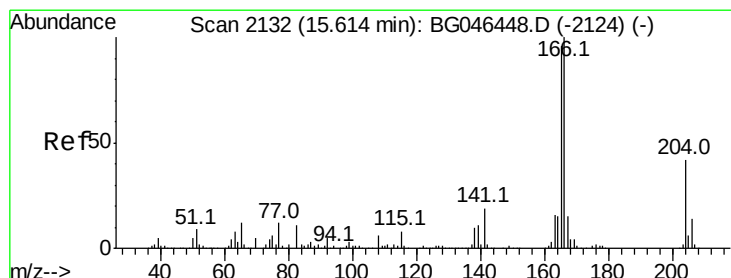
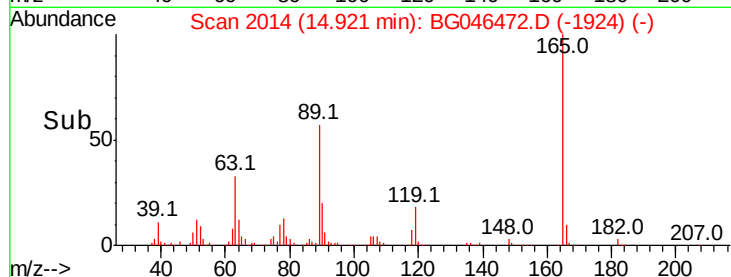
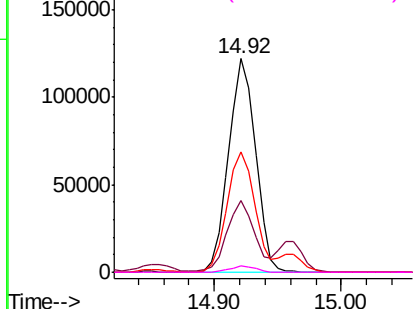
#57
 2,4-Dinitrotoluene
 Concen: 37.606 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion:165 Resp: 179761
 Ion Ratio Lower Upper
 165 100
 63 33.3 25.4 38.0
 89 56.5 45.9 68.9
 182 3.1 2.3 3.5

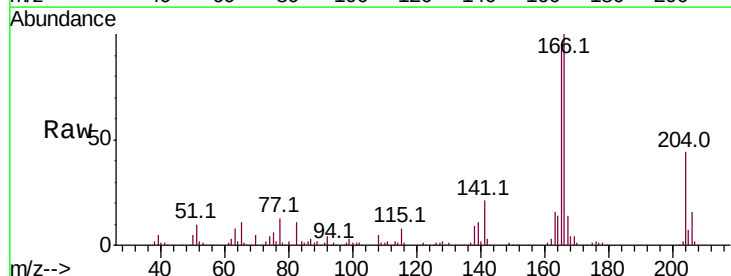


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

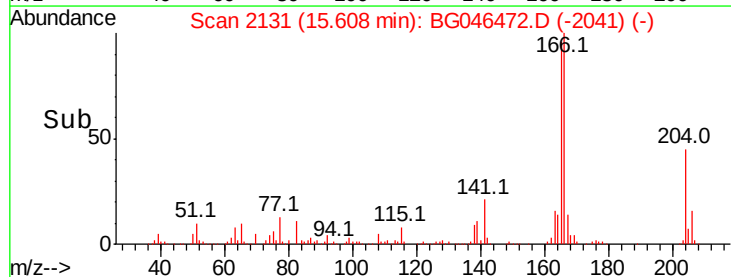
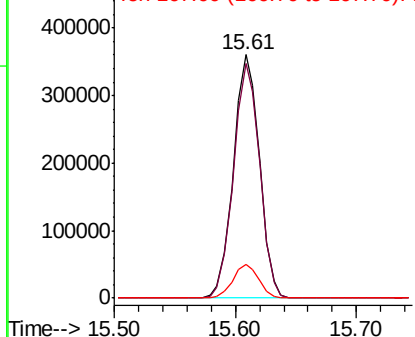


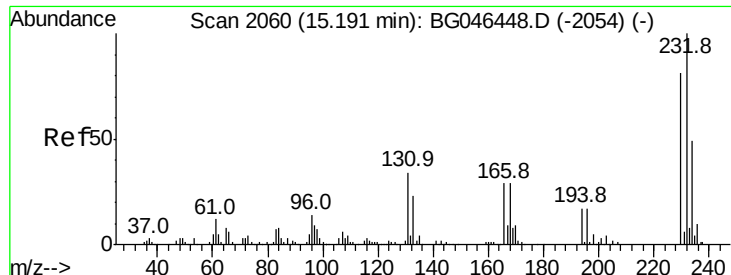
#58
 Fluorene
 Concen: 36.854 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion:166 Resp: 541092
 Ion Ratio Lower Upper
 166 100
 165 96.2 77.0 115.4
 167 13.8 11.8 17.6



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

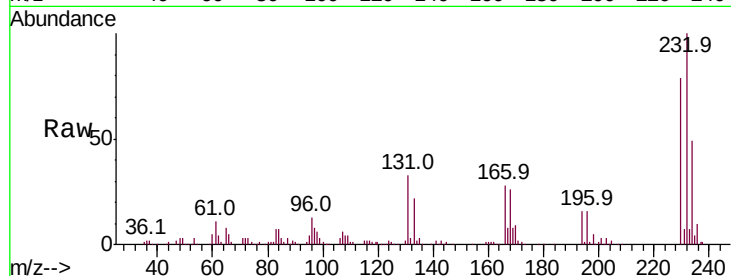




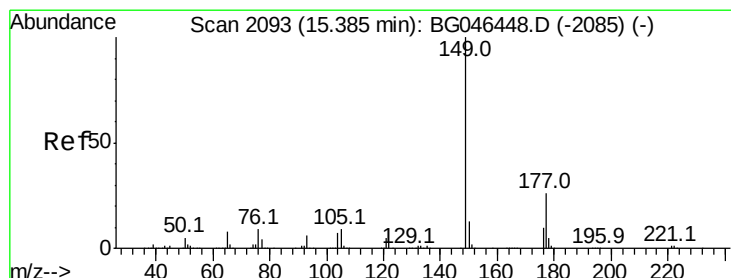
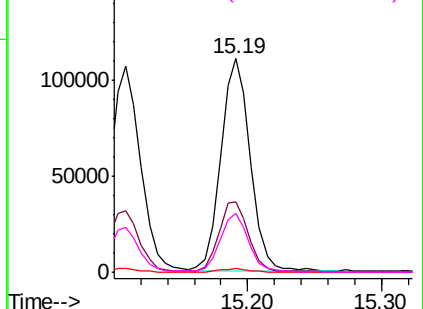
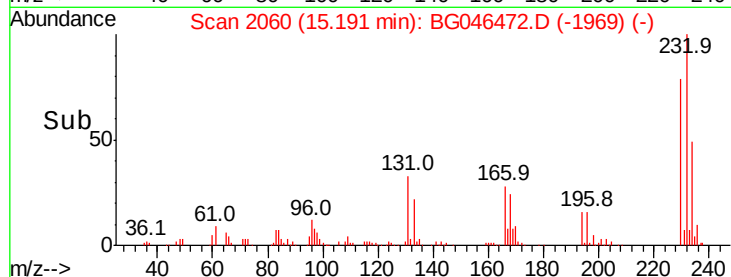
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.219 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion:	232	Resp:	170578
Ion	Ratio	Lower	Upper
232	100		
131	34.1	26.8	40.2
130	1.8	1.4	2.2
166	27.9	22.8	34.2

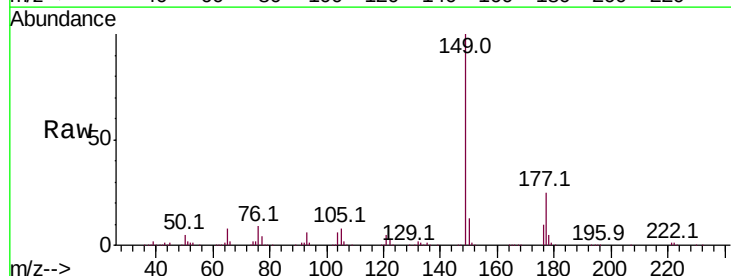


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

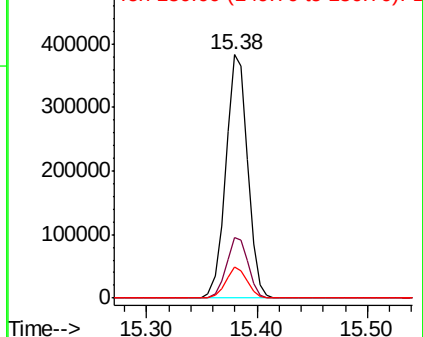
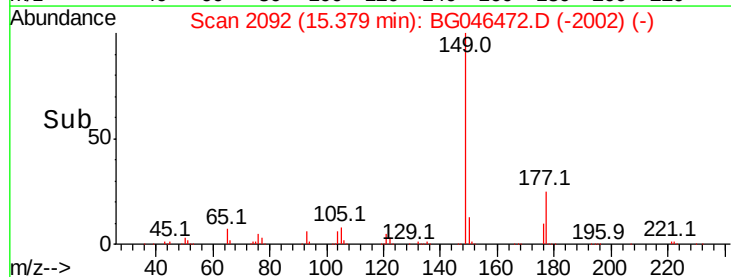


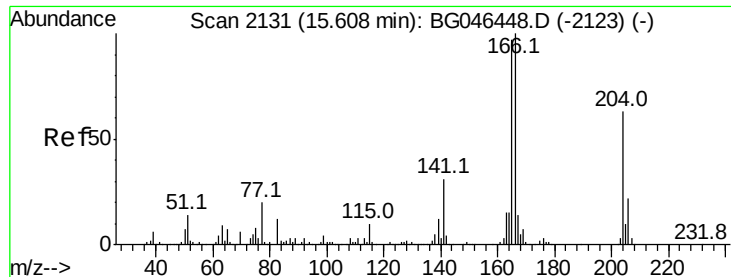
#60
 Diethylphthalate
 Concen: 35.673 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion:	149	Resp:	528950
Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.6	30.8
150	13.0	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

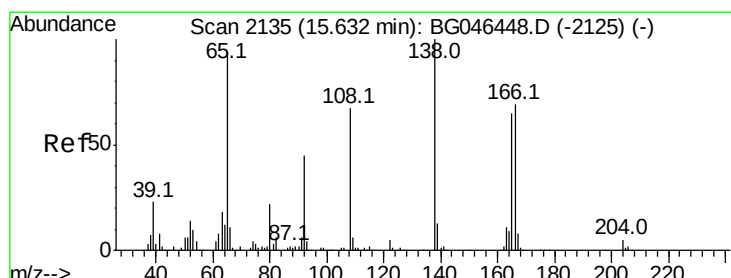
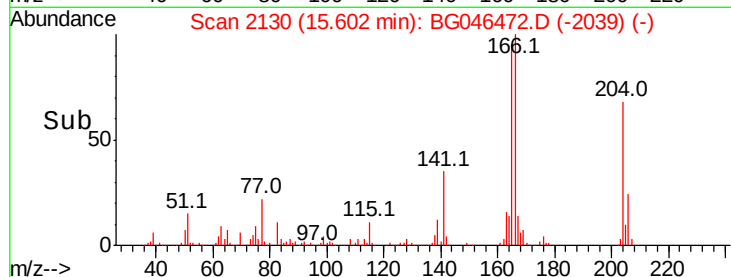
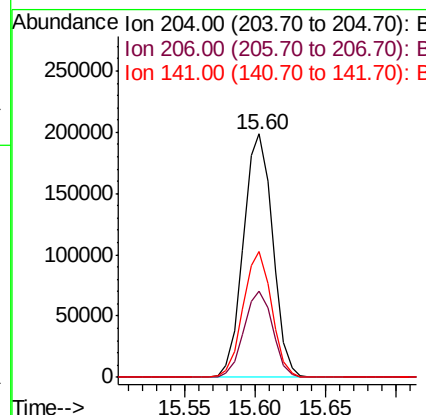
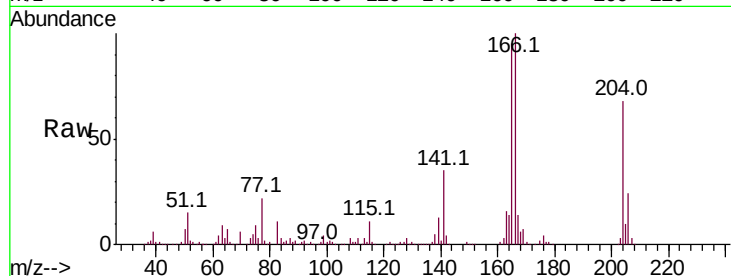




#61
4-Chlorophenyl-phenylether
Concen: 35.673 ng
RT: 15.60 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

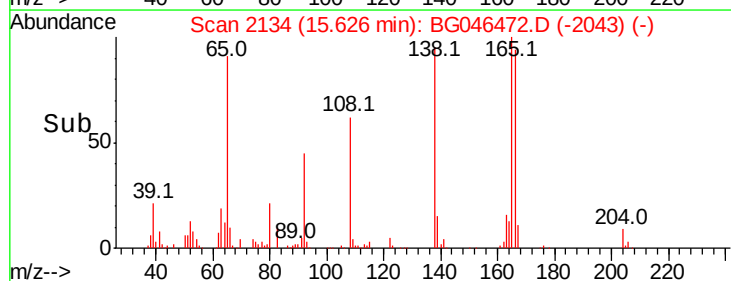
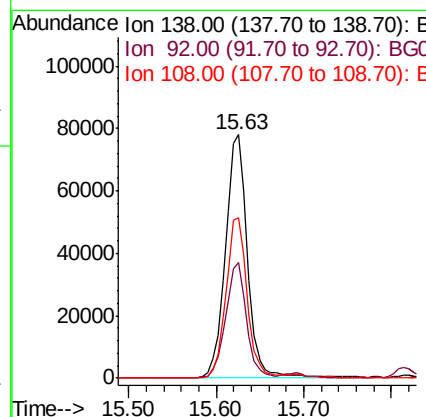
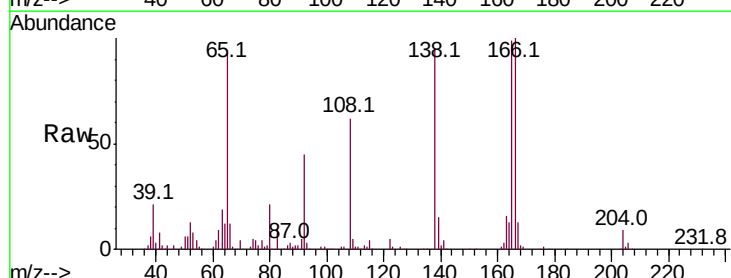
Instrument :
BNA_G
ClientSampleId :
PB131309BS

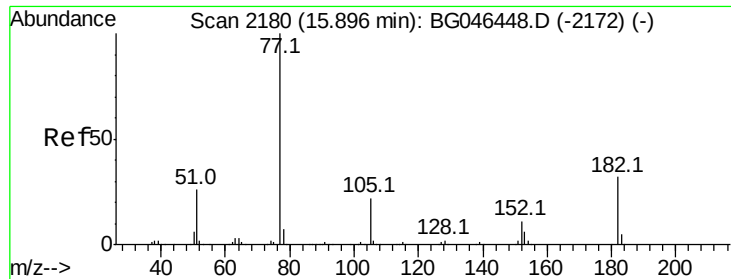
Tot Ion:204 Resp: 288454
Ion Ratio Lower Upper
204 100
206 35.2 27.7 41.5
141 51.7 38.7 58.1



#62
4-Nitroaniline
Concen: 35.504 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:138 Resp: 136036
Ion Ratio Lower Upper
138 100
92 47.3 25.3 65.3
108 66.1 46.7 86.7





#63

Azobenzene

Concen: 36.730 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

Tot Ion: 77 Resp: 443021

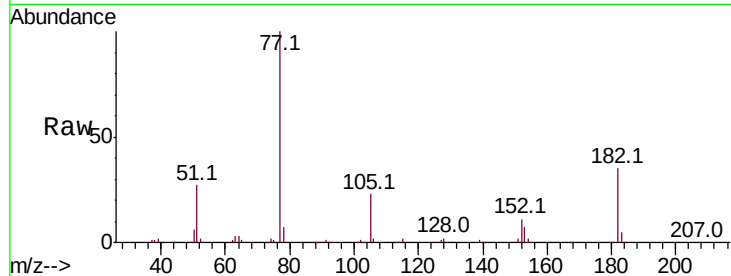
Ion Ratio Lower Upper

77 100

182 35.3 12.3 52.3

105 22.9 2.3 42.3

51 26.7 6.5 46.5

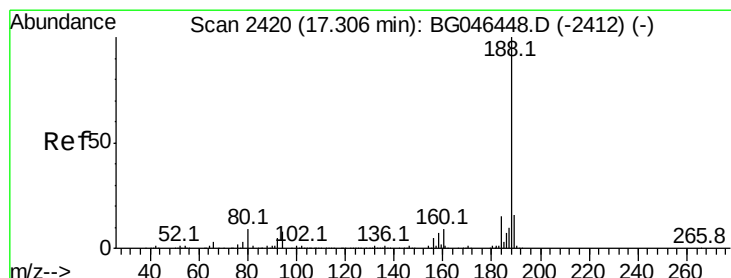
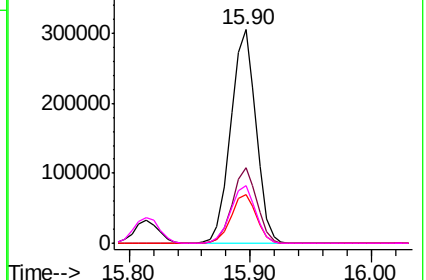
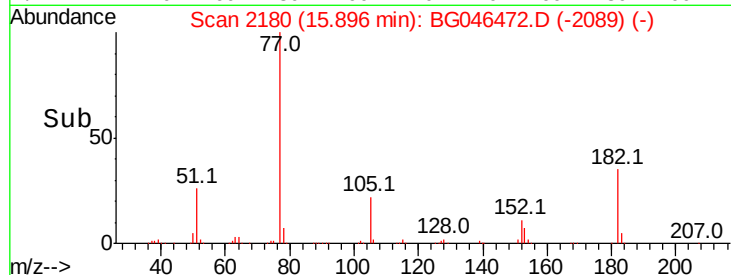


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.31 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

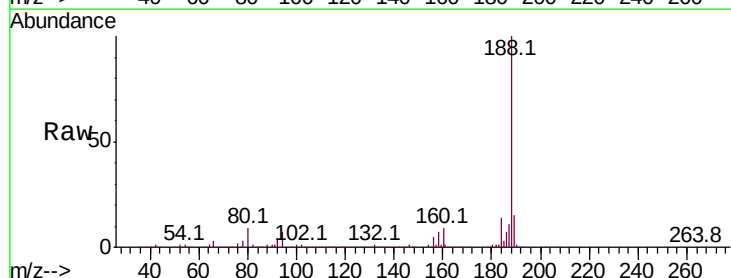
Tgt Ion: 188 Resp: 504112

Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

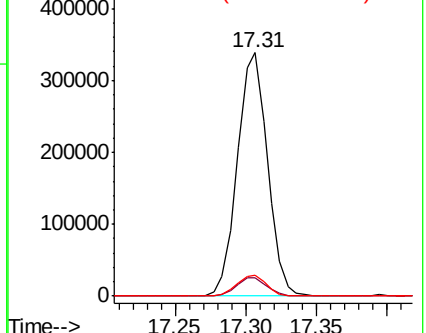
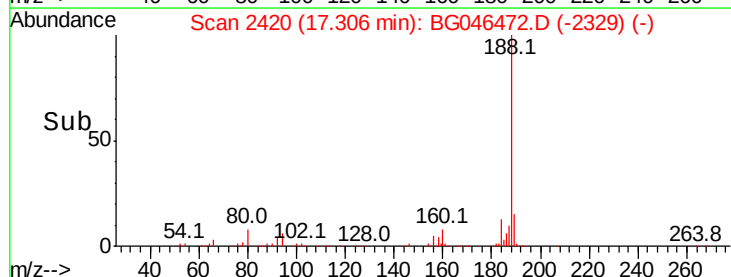
80 8.7 6.9 10.3

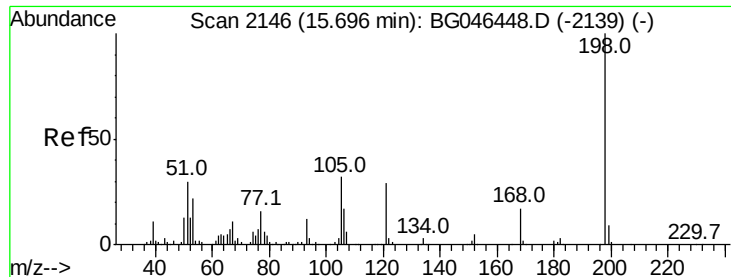


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.948 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

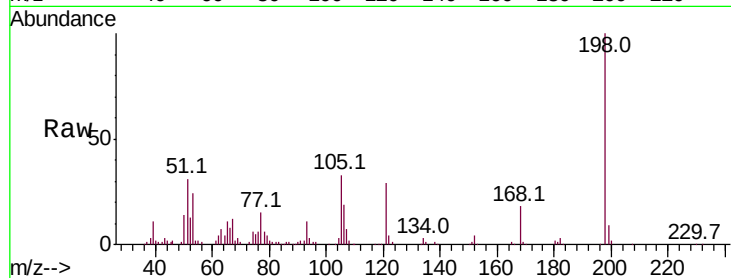
Tot Ion:198 Resp: 113985

Ion Ratio Lower Upper

198 100

51 30.8 10.4 50.4

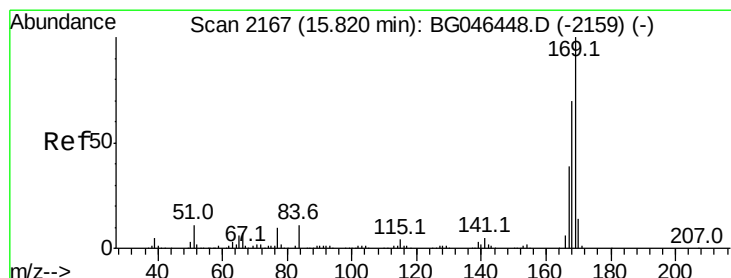
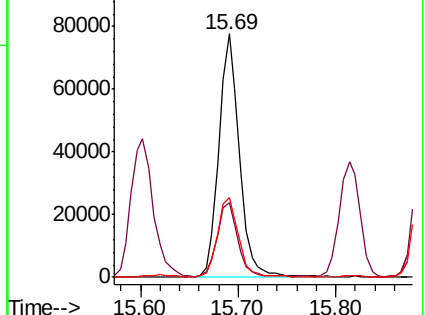
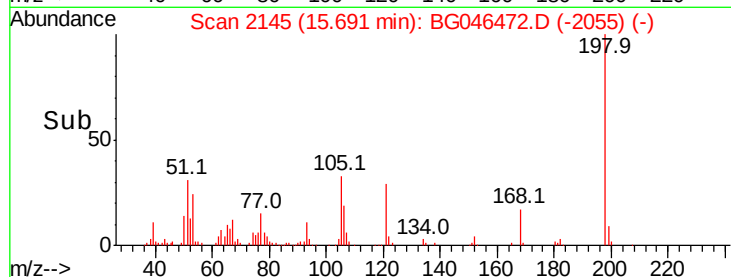
105 32.6 12.4 52.4



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: 36.552 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

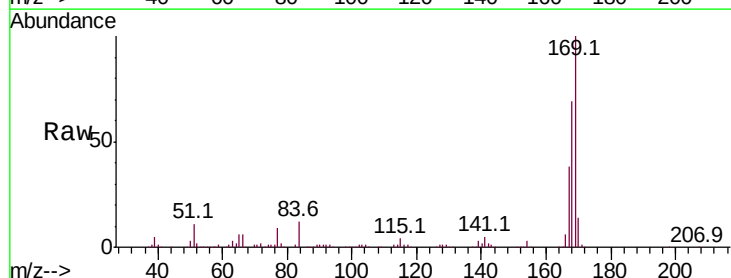
Tgt Ion:169 Resp: 497099

Ion Ratio Lower Upper

169 100

168 68.9 55.8 83.8

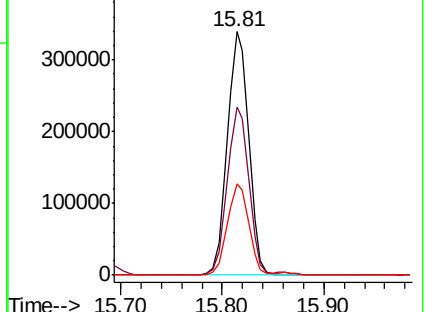
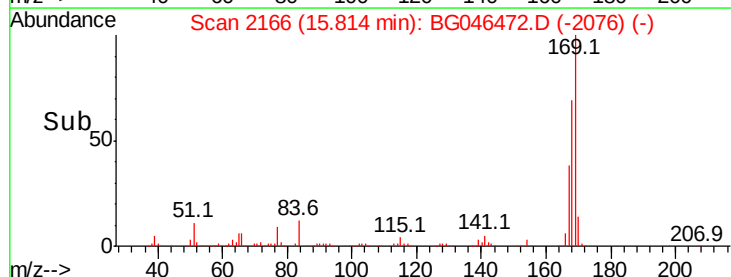
167 37.5 31.0 46.6

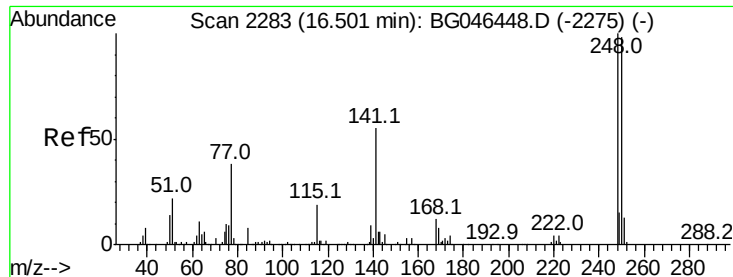


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

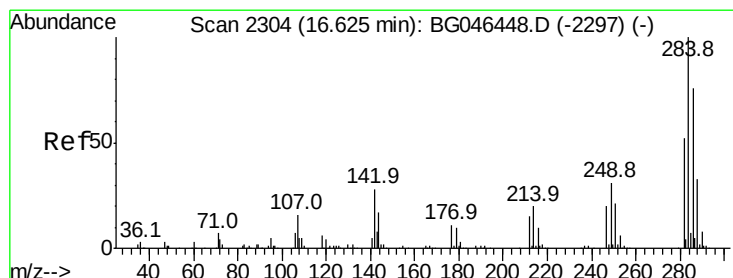
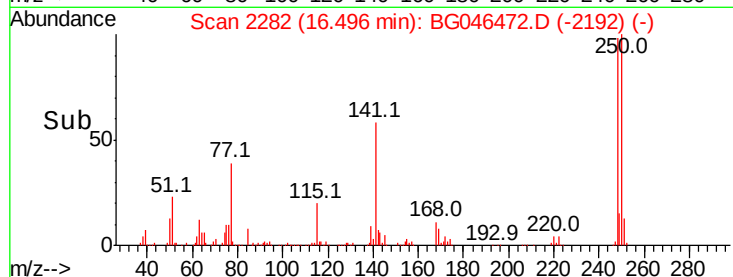
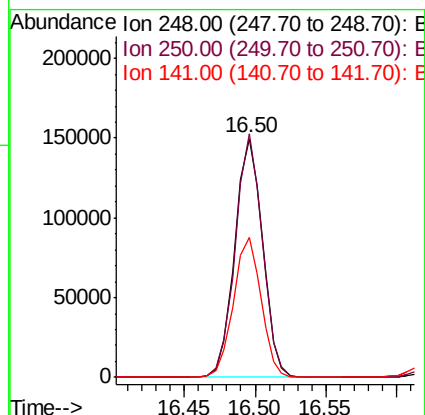
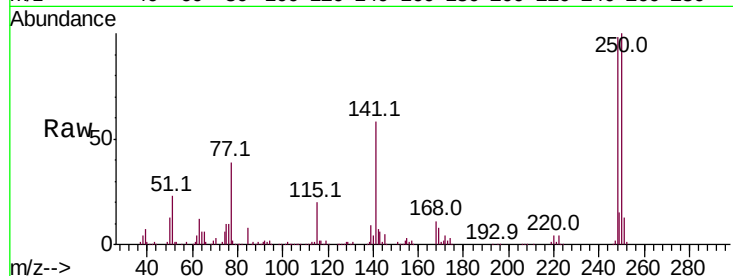




#67
4-Bromophenyl-phenylether
Concen: 34.997 ng
RT: 16.50 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

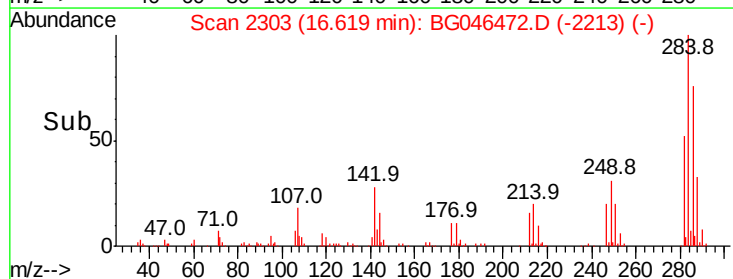
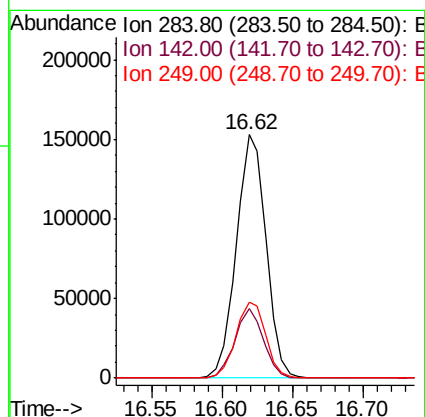
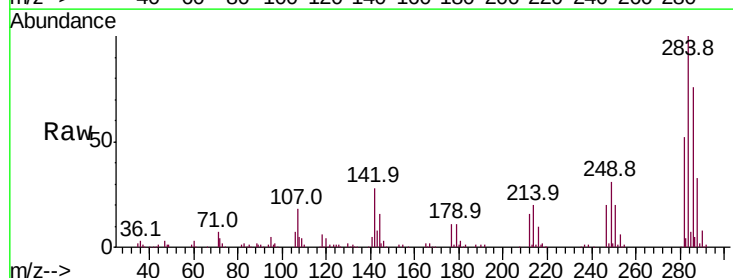
Instrument :
BNA_G
ClientSampleId :
PB131309BS

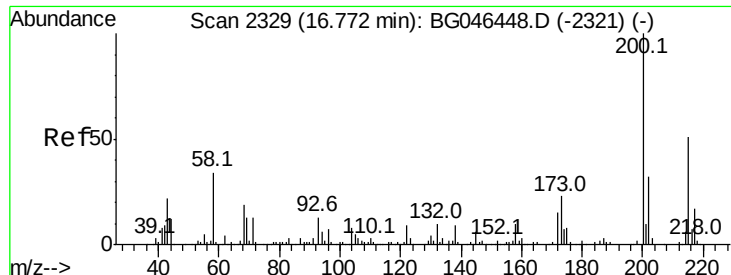
Tot Ion	Ratio	Lower	Upper
248	100		
250	101.9	78.6	118.0
141	58.6	43.9	65.9



#68
Hexachlorobenzene
Concen: 34.364 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	22.3	33.5
249	31.0	24.8	37.2





#69

Atrazine

Concen: 33.978 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

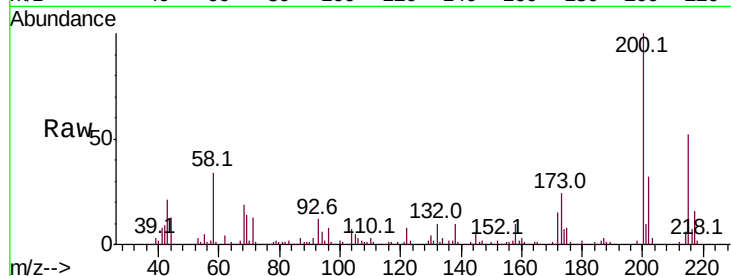
Tot Ion:200 Resp: 188511

Ion Ratio Lower Upper

200 100

173 23.7 3.3 43.3

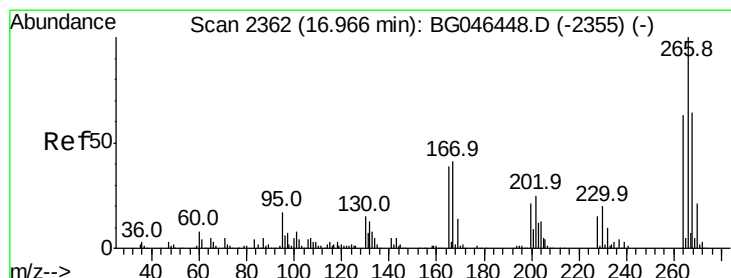
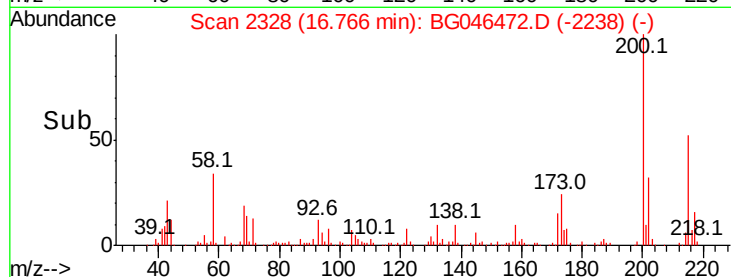
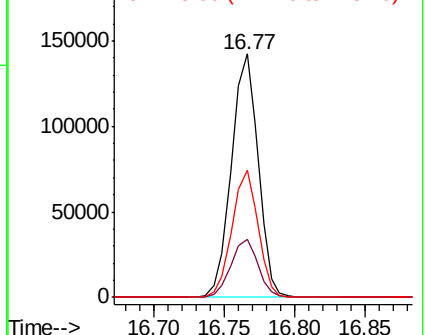
215 52.1 30.9 70.9



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: 80.611 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

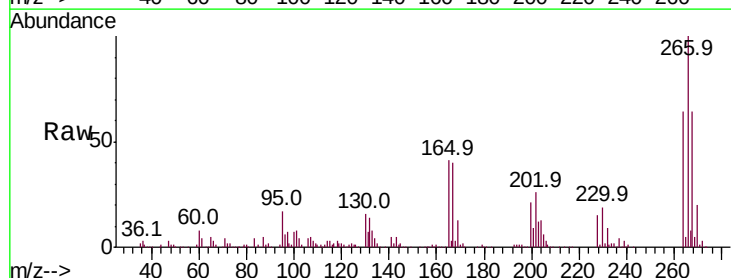
Tgt Ion:266 Resp: 274332

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

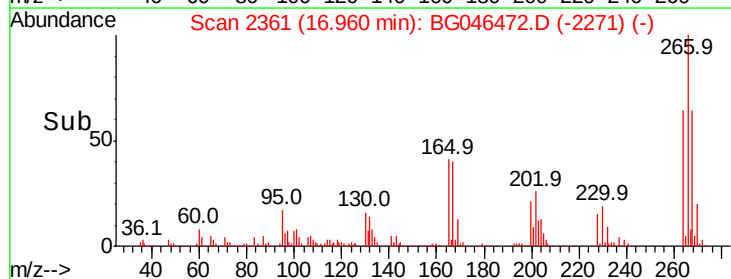
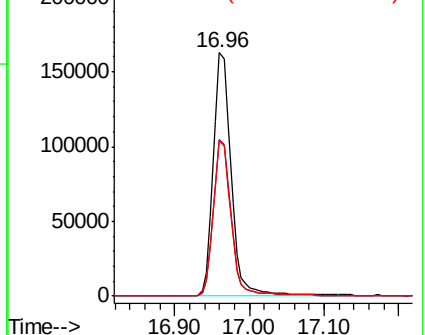
264 63.7 50.2 75.2

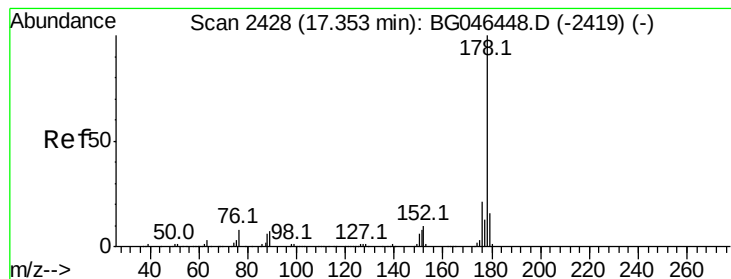


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.526 ng

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

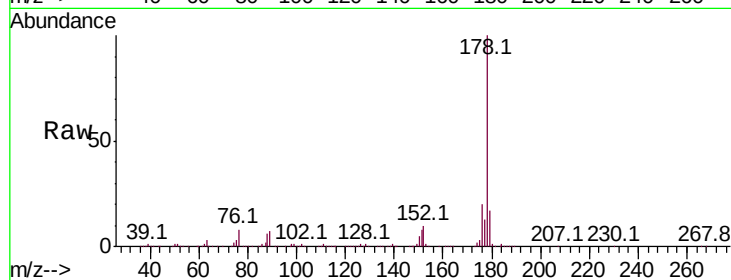
BNA_G

ClientSampleId :

PB131309BS

Tot Ion:178 Resp: 933309

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.8	25.2
179	17.2	13.2	19.8

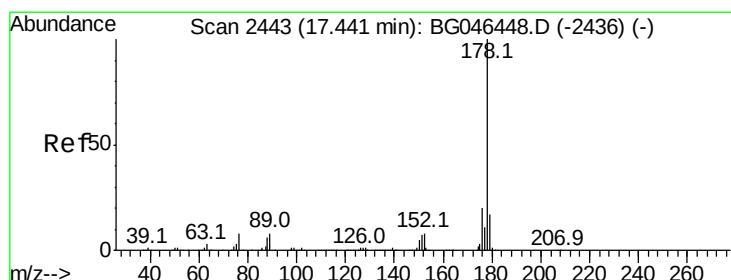
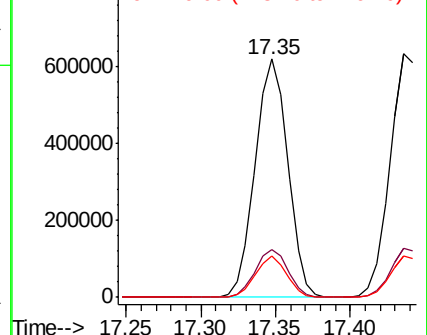
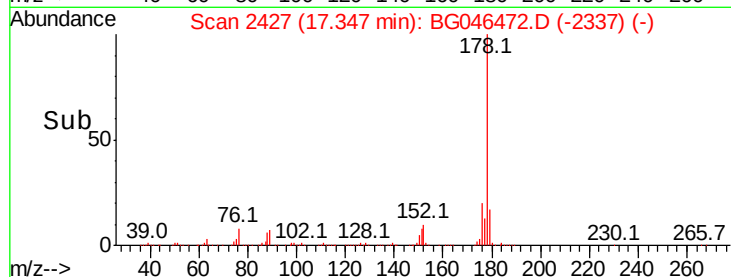


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.219 ng

RT: 17.44 min Scan# 2442

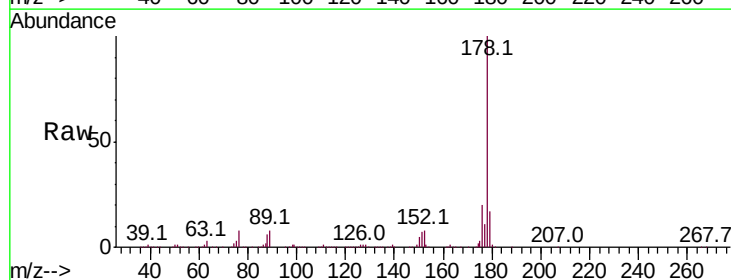
Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:178 Resp: 963518

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	17.0	13.3	19.9

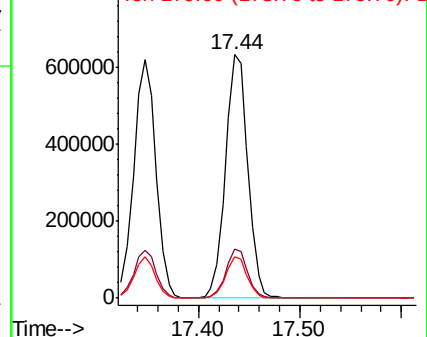
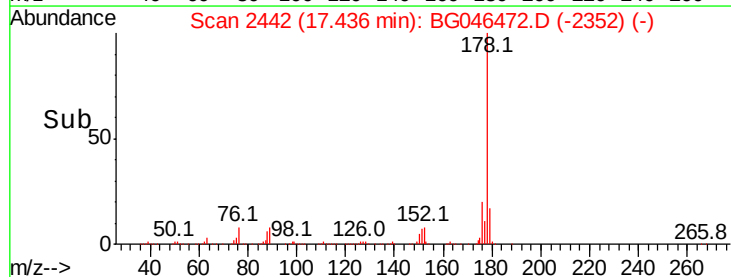


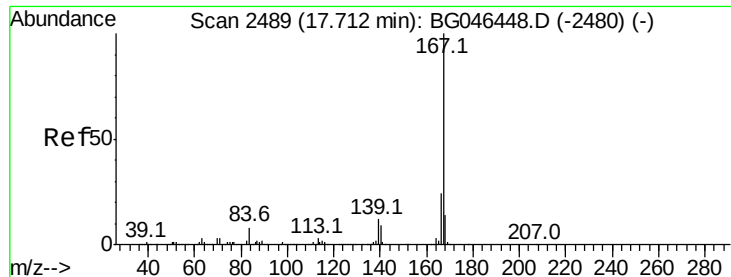
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

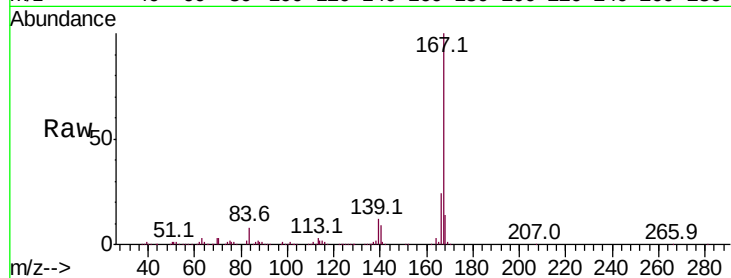




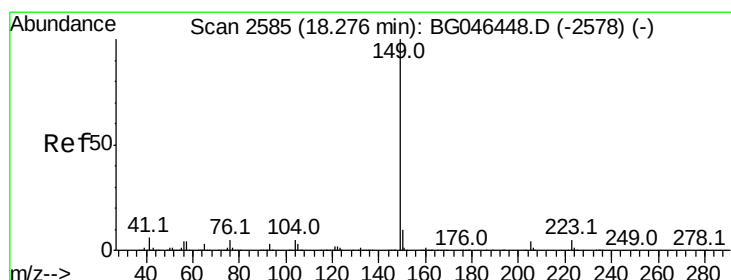
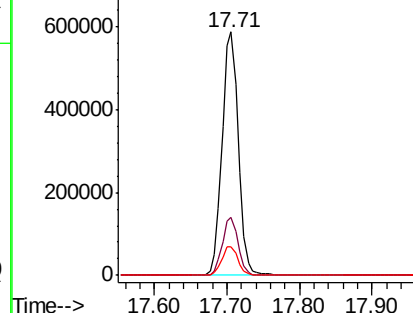
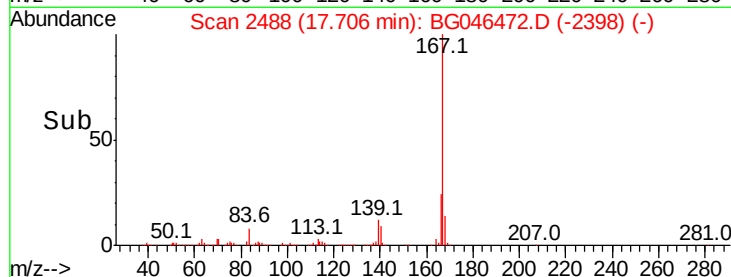
#73
 Carbazole
 Concen: 38.688 ng
 RT: 17.71 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.3	28.9
139	11.9	9.7	14.5

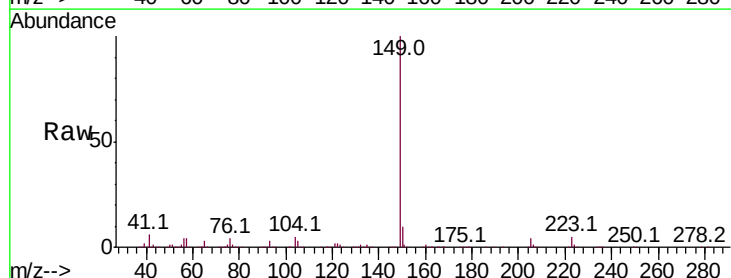


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

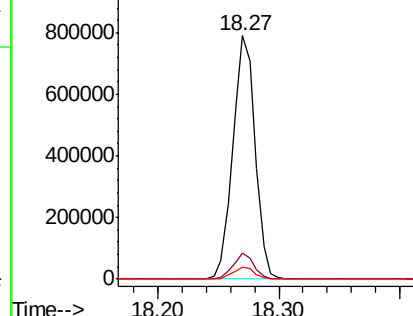
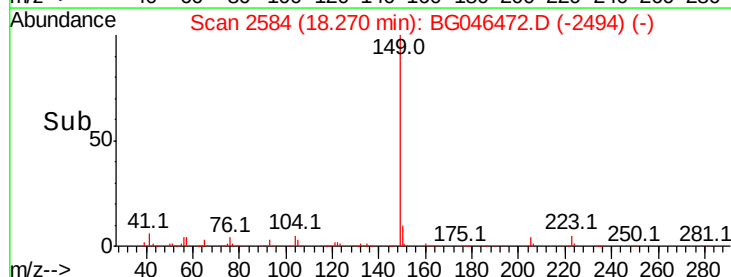


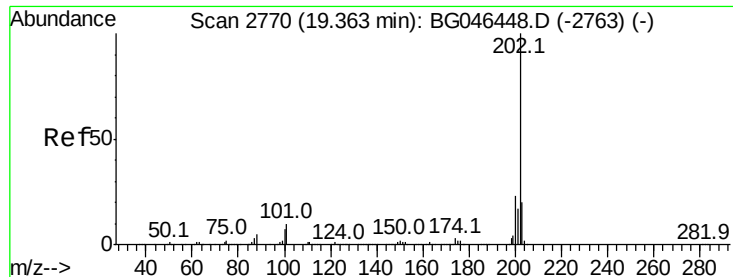
#74
 Di-n-butylphthalate
 Concen: 36.987 ng
 RT: 18.27 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	4.8	4.0	6.0



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





#75

Fluoranthene

Concen: 39.007 ng

RT: 19.36 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

BNA_G

ClientSampleId :

PB131309BS

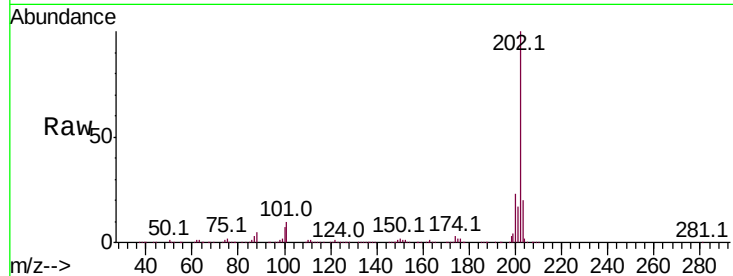
Tot Ion:202 Resp: 1282643

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.9

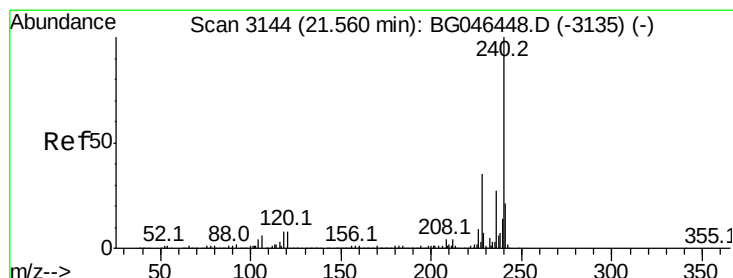
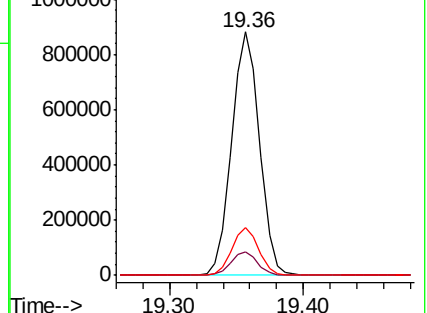
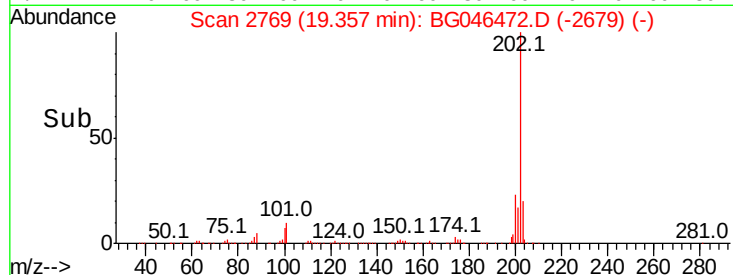
203 19.8 0.0 40.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

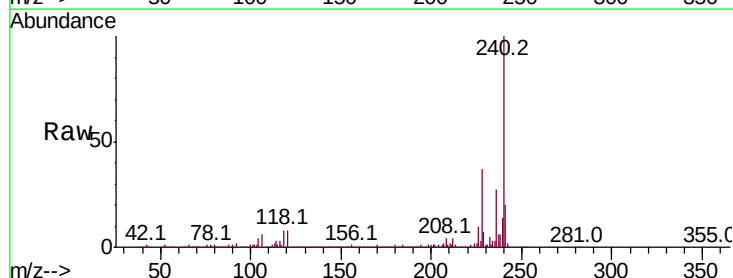
Tgt Ion:240 Resp: 568785

Ion Ratio Lower Upper

240 100

120 8.0 6.6 10.0

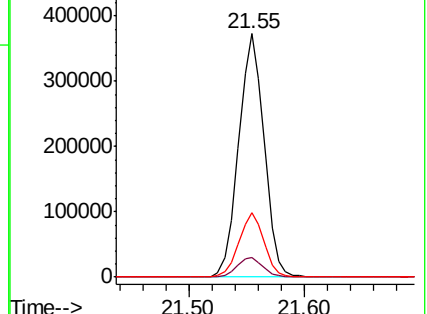
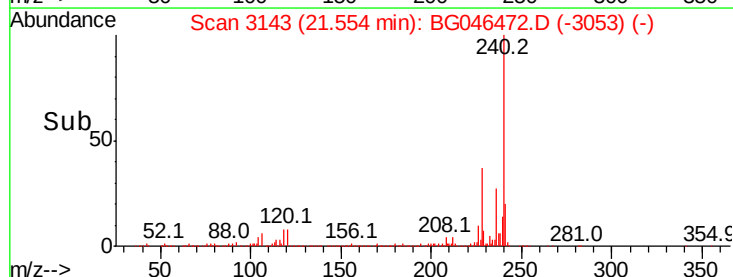
236 26.6 21.4 32.2

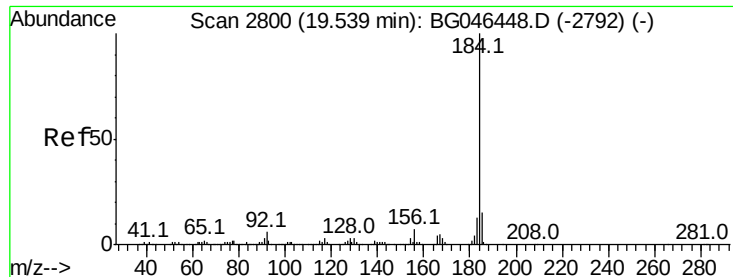


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.101 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

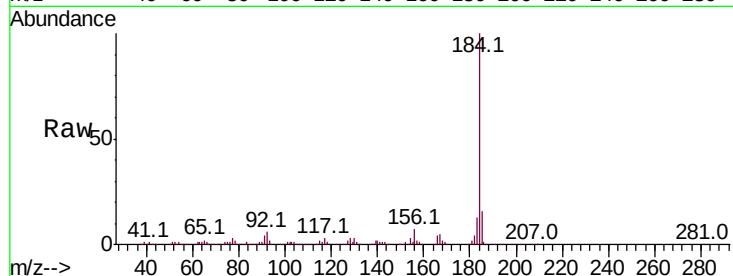
BNA_G

ClientSampleId :

PB131309BS

Tot Ion:184 Resp: 543227

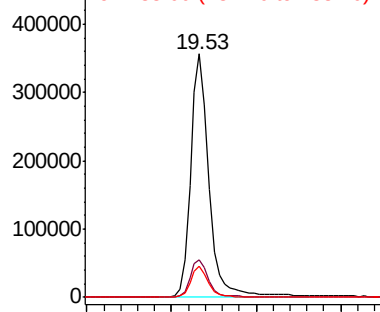
Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	12.9	10.7	16.1



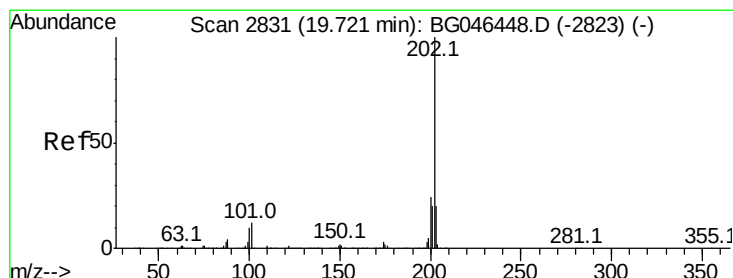
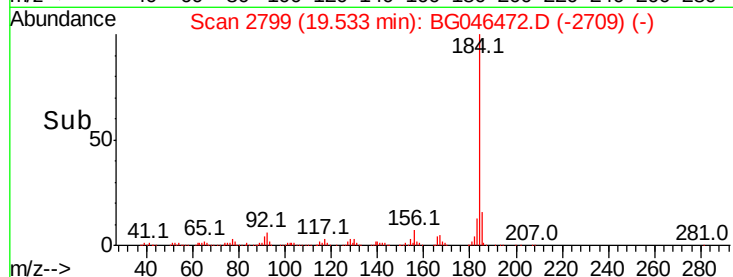
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.40 19.50 19.60 19.70



#78

Pyrene

Concen: 35.867 ng

RT: 19.72 min Scan# 2830

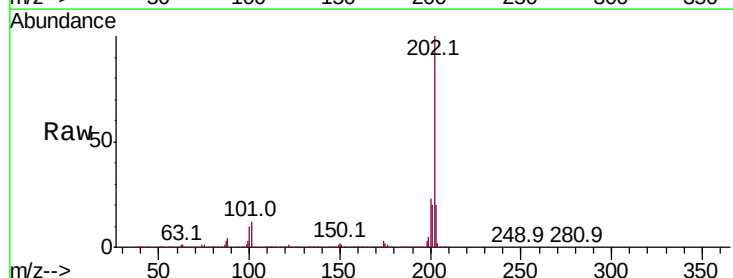
Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:202 Resp: 1299075

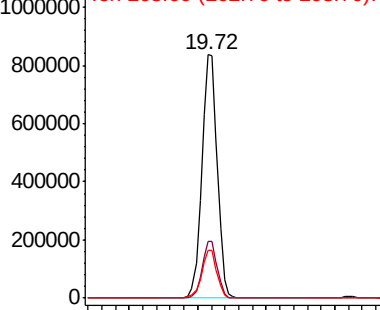
Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.9	28.3
203	19.7	16.1	24.1



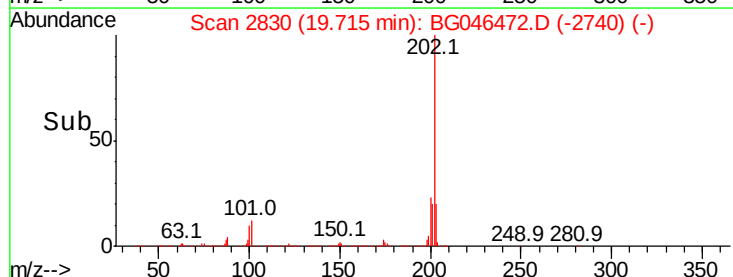
Abundance Ion 202.00 (201.70 to 202.70): E

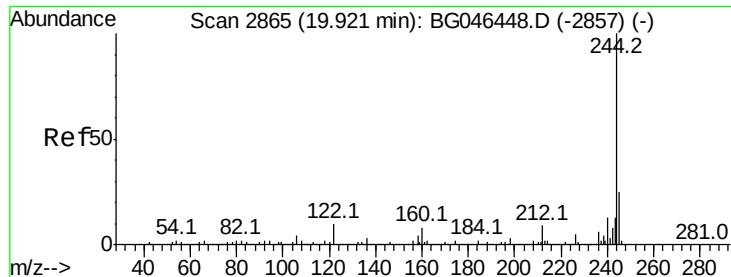
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.60 19.70 19.80 19.90



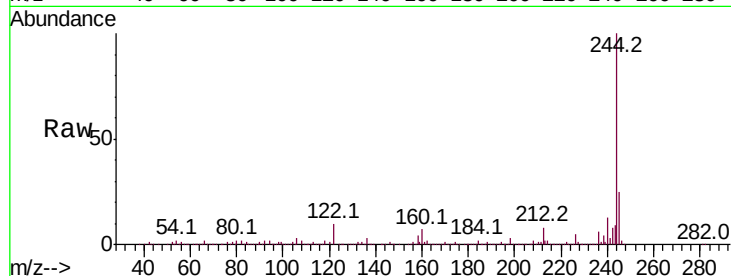


#79
 Terphenyl-d14
 Concen: 68.288 ng
 RT: 19.92 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

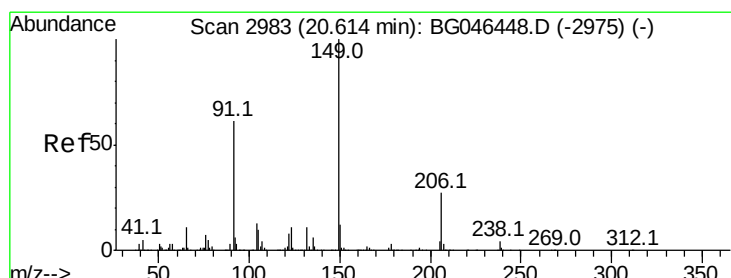
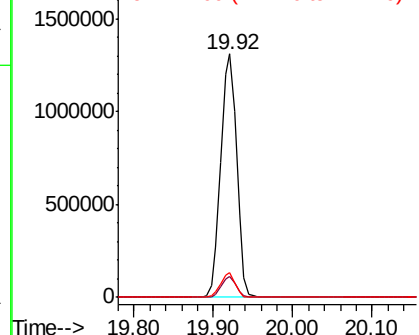
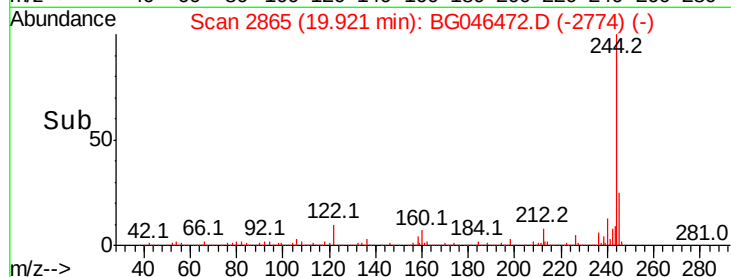
Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion:244 Resp: 1825098

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	9.9	8.2	12.4



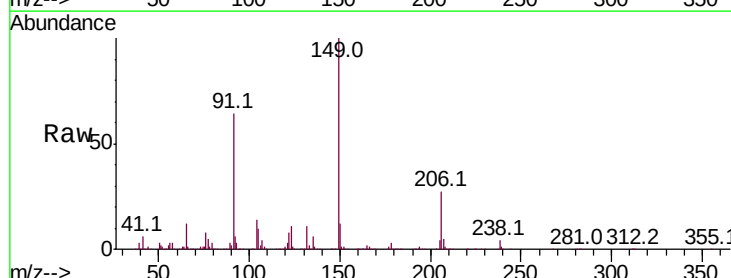
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



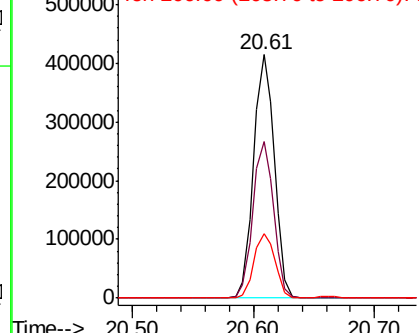
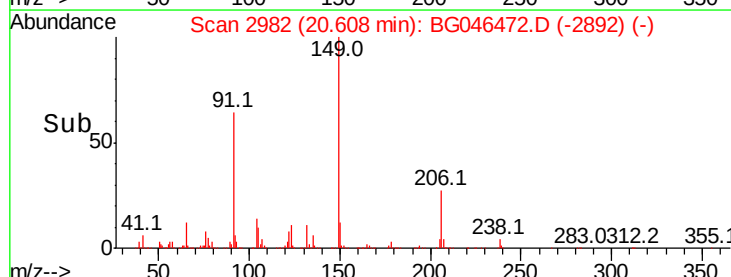
#80
 Butylbenzylphthalate
 Concen: 35.493 ng
 RT: 20.61 min Scan# 2982
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

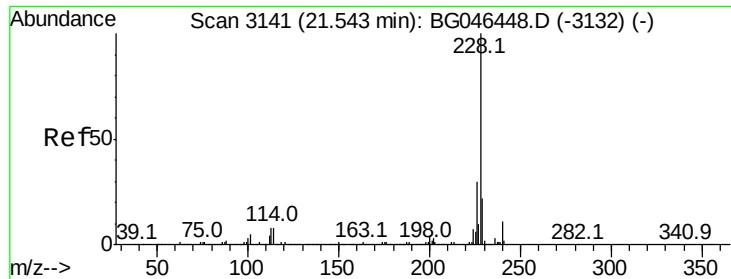
Tgt Ion:149 Resp: 501437

Ion	Ratio	Lower	Upper
149	100		
91	64.3	49.1	73.7
206	26.6	21.9	32.9



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

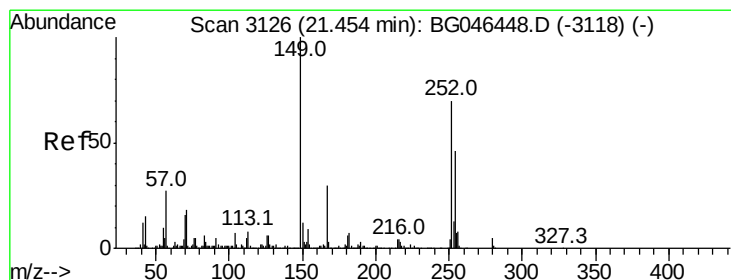
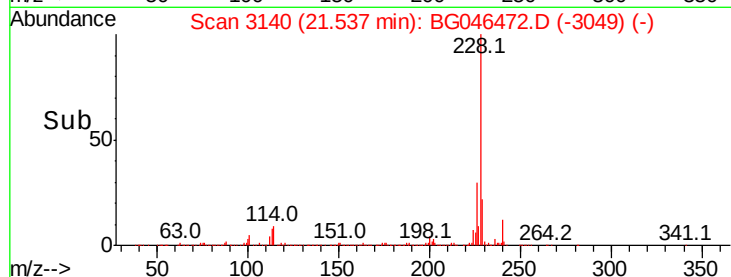
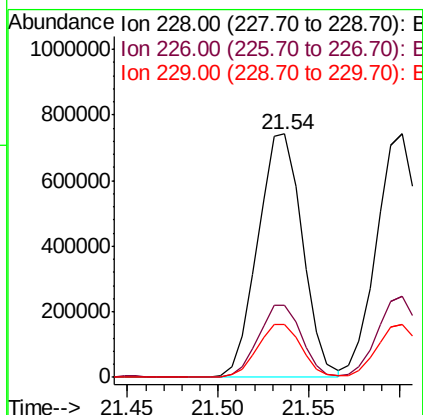
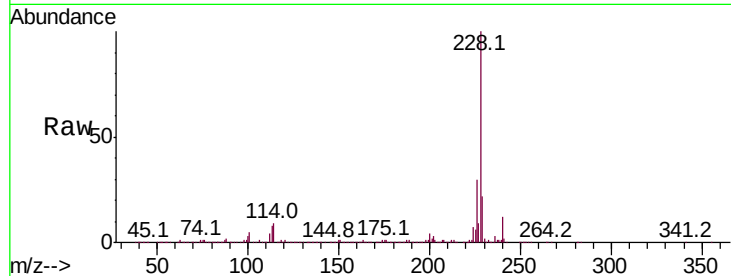




#81
Benzo(a)anthracene
Concen: 35.896 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

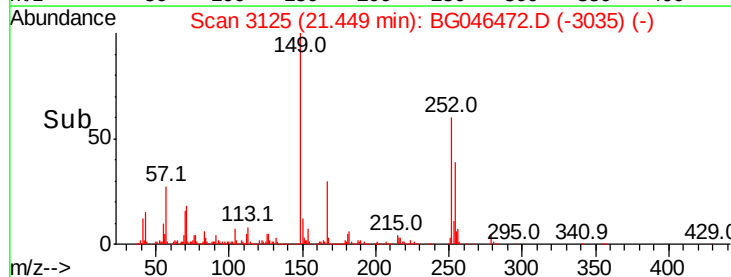
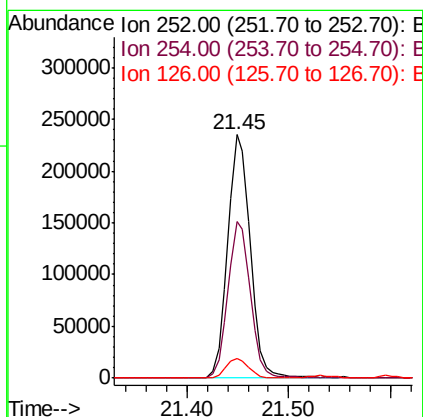
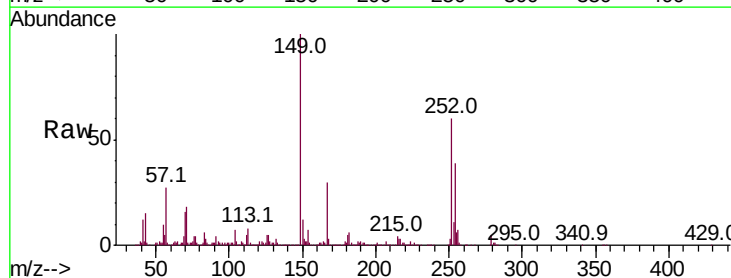
Instrument :
BNA_G
ClientSampleId :
PB131309BS

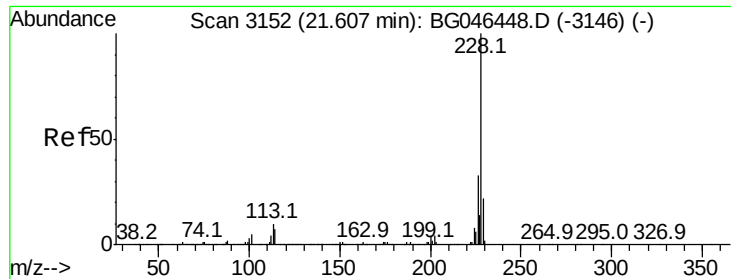
Tot Ion:228 Resp: 1272595
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 21.9 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 27.629 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:252 Resp: 363503
Ion Ratio Lower Upper
252 100
254 64.2 51.9 77.9
126 8.2 7.4 11.0





#83

Chrysene

Concen: 35.830 ng

RT: 21.60 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

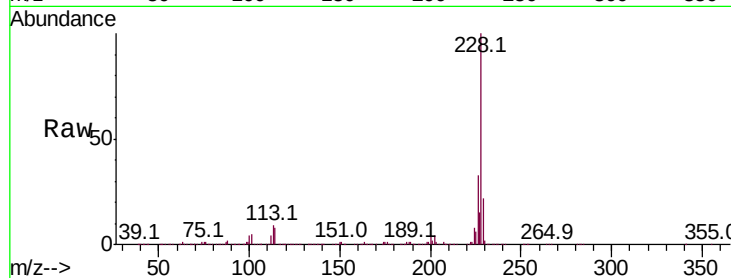
BNA_G

ClientSampleId :

PB131309BS

Tot Ion:228 Resp: 1221878

Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.2	39.4
229	21.9	17.9	26.9

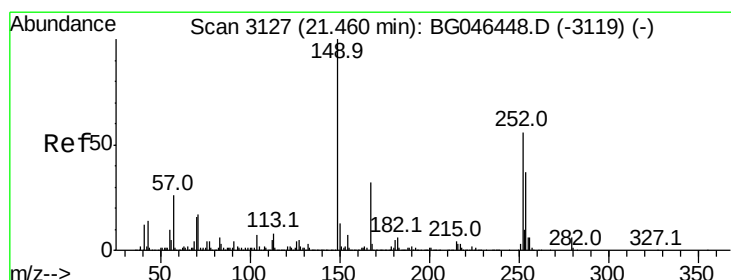
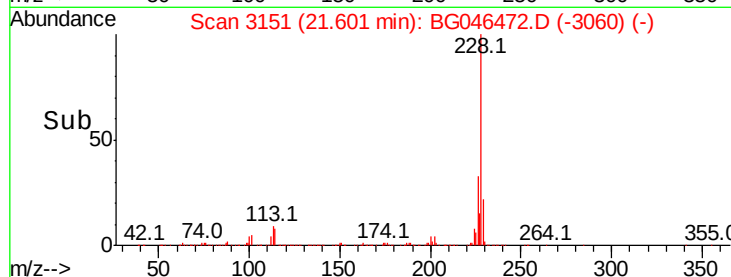
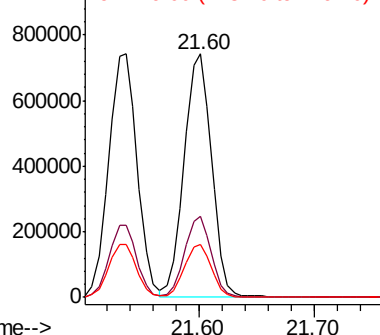


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.179 ng

RT: 21.45 min Scan# 3126

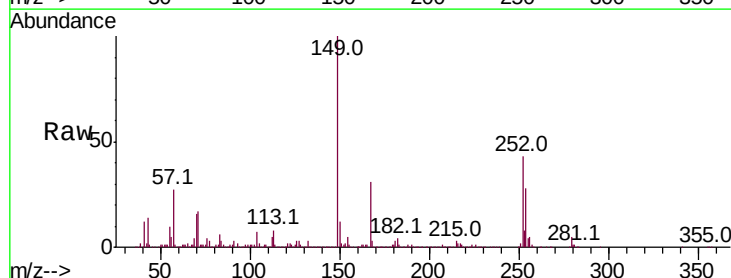
Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:149 Resp: 697516

Ion	Ratio	Lower	Upper
149	100		
167	31.2	25.4	38.2
279	5.4	4.5	6.7

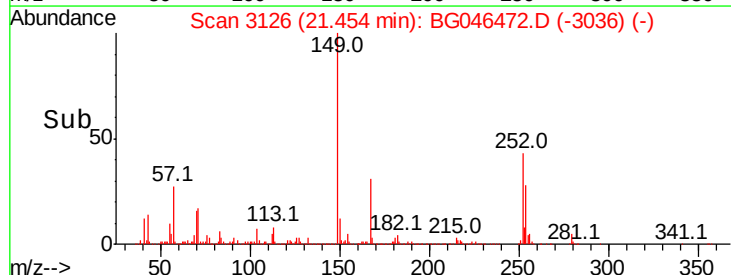
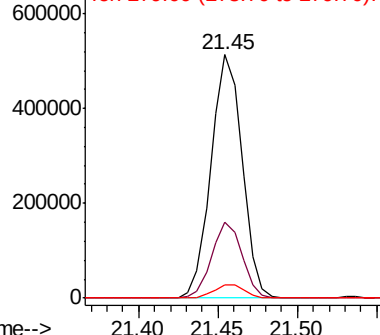


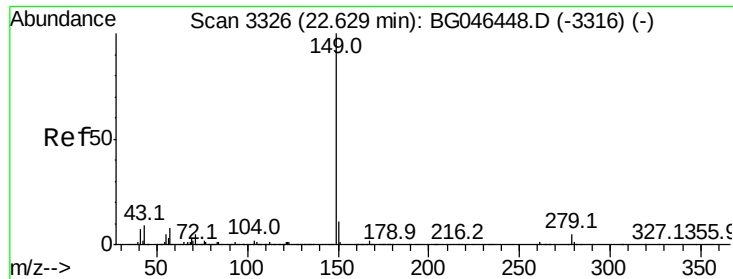
Abundance

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

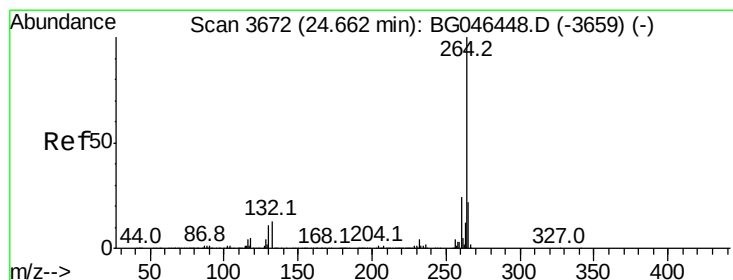
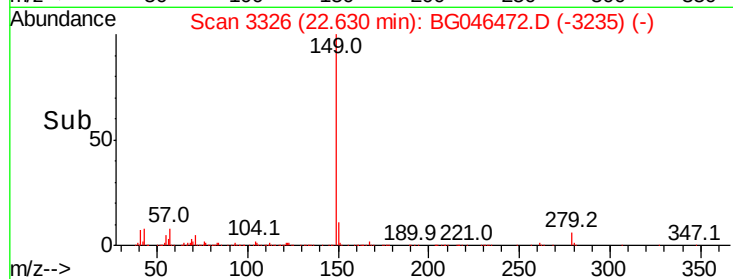
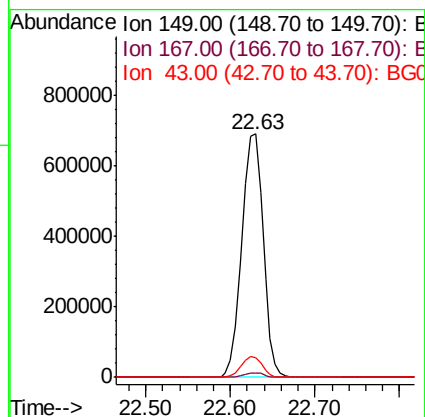
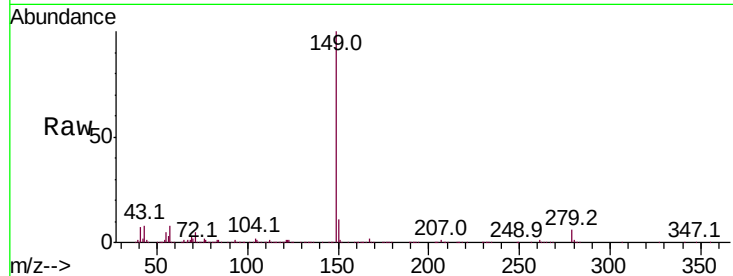




#85
Di-n-octyl phthalate
Concen: 36.676 ng
RT: 22.63 min Scan# 3326
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

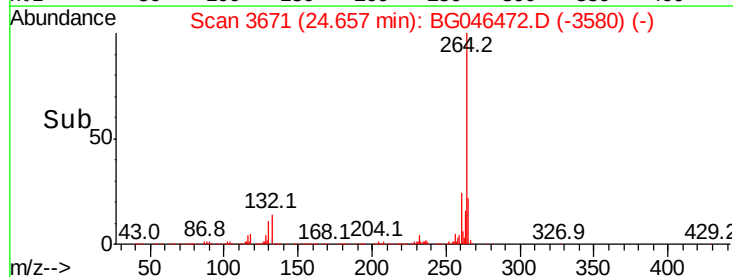
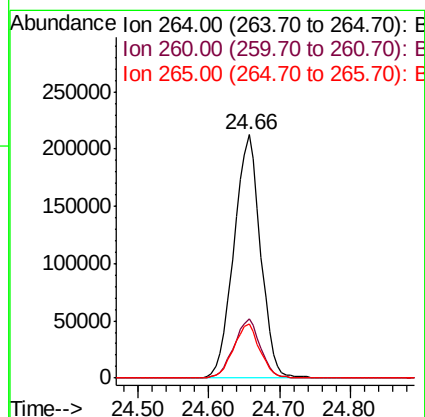
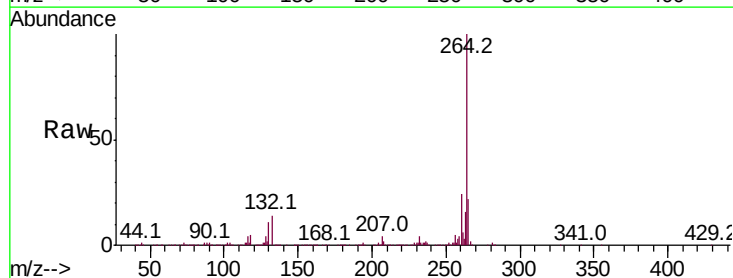
Instrument :
BNA_G
ClientSampleId :
PB131309BS

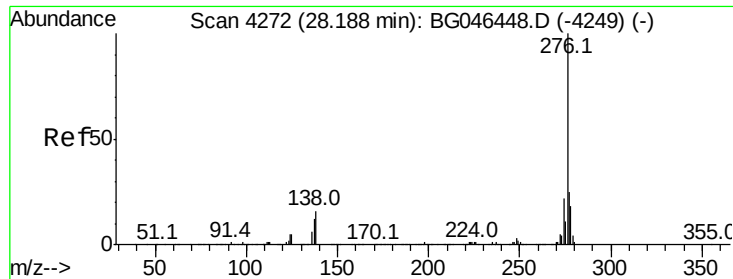
Tot Ion:149 Resp: 1210766
Ion Ratio Lower Upper
149 100
167 1.8 1.5 2.3
43 8.4 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3671
Delta R.T. 0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:264 Resp: 556396
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.4 17.9 26.9



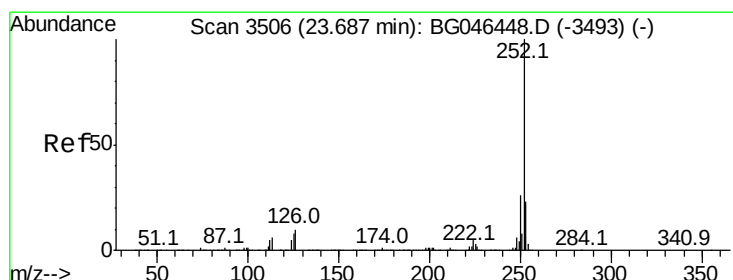
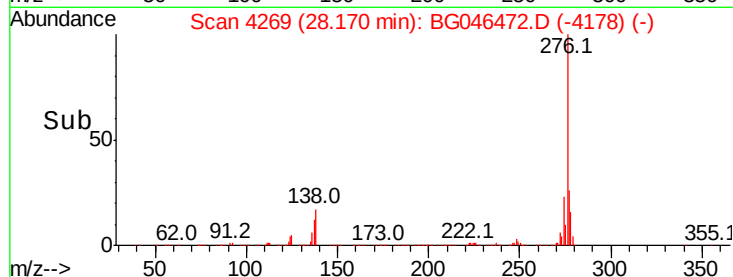
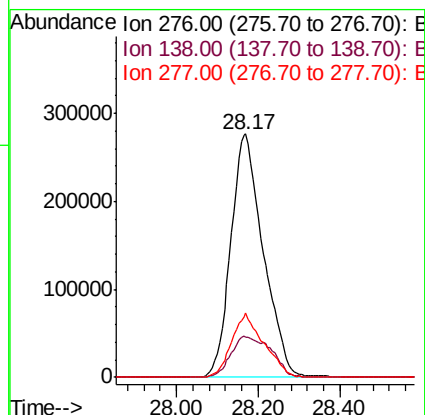
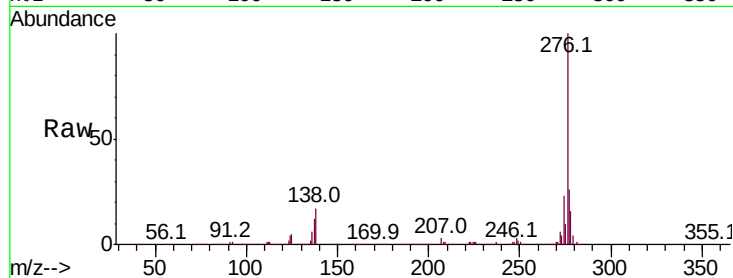


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.165 ng
 RT: 28.17 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Instrument :
 BNA_G
 ClientSampleId :
 PB131309BS

Tot Ion:276 Resp: 1525142

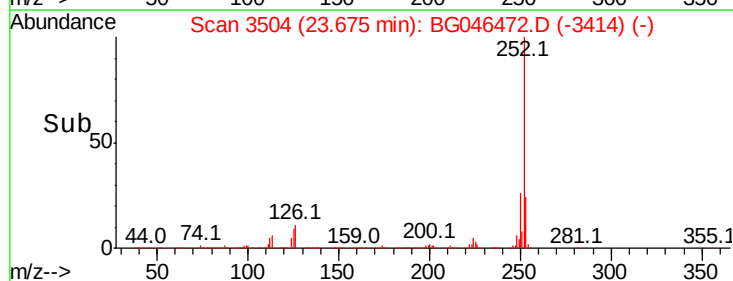
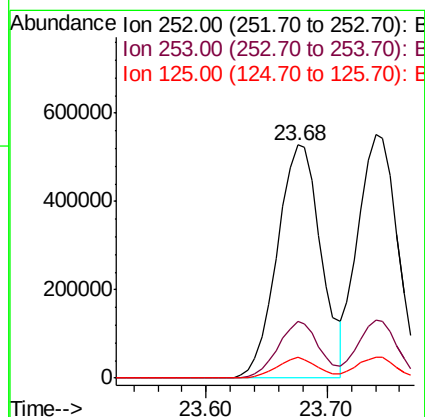
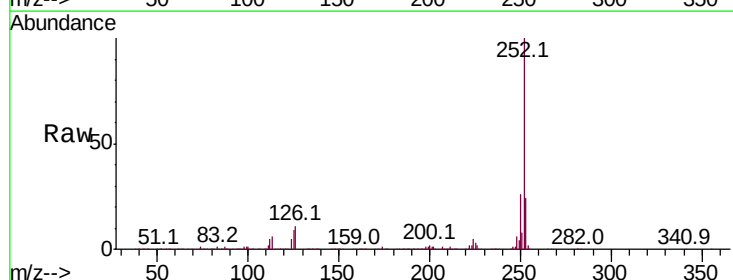
Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.5	24.7
277	25.9	20.7	31.1

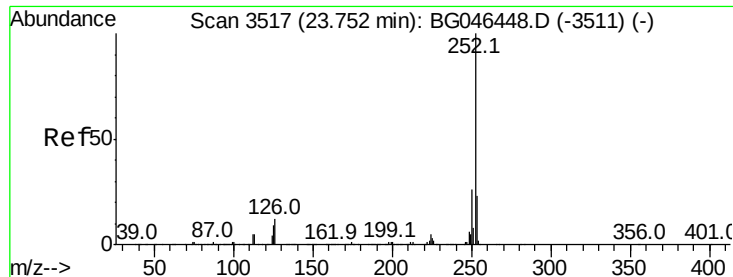


#88
 Benzo(b)fluoranthene
 Concen: 38.218 ng
 RT: 23.68 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: BG046472.D
 Acq: 31 Aug 2020 17:11

Tgt Ion:252 Resp: 1327766

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	8.9	6.2	9.2

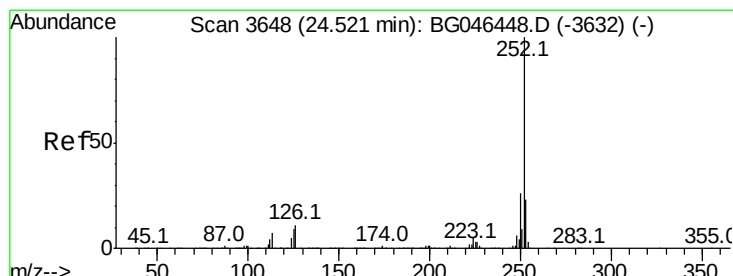
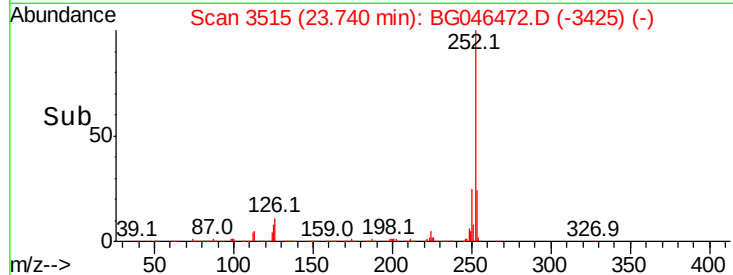
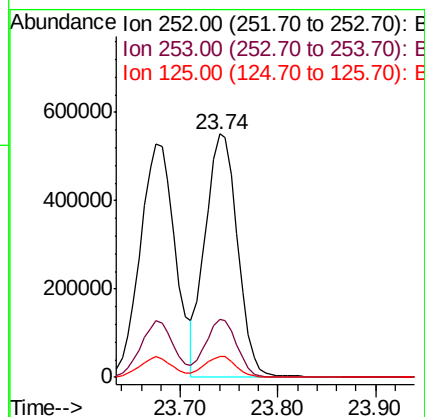
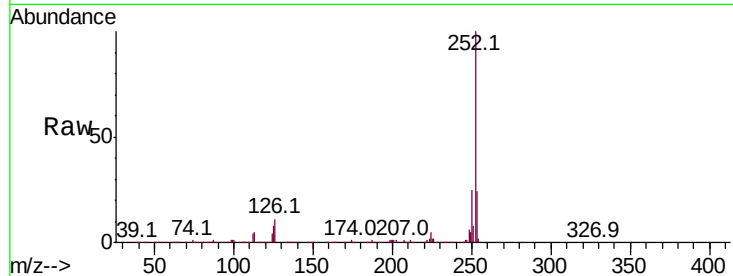




#89
Benzo(k)fluoranthene
Concen: 37.502 ng
RT: 23.74 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

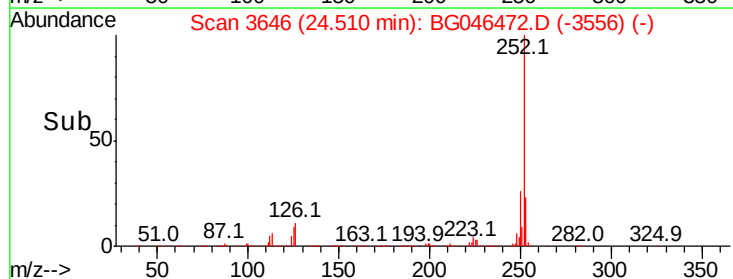
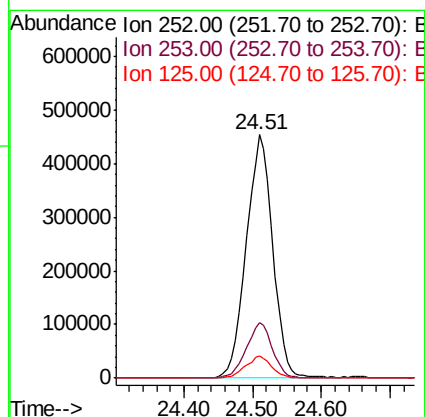
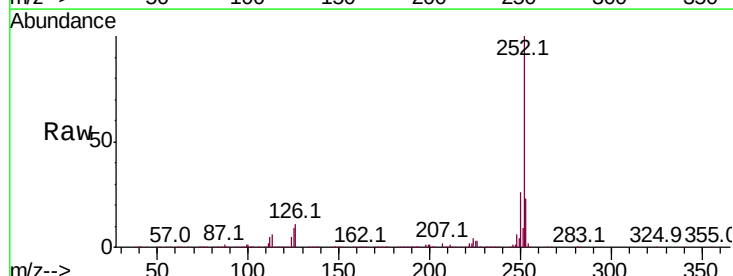
Instrument :
BNA_G
ClientSampleId :
PB131309BS

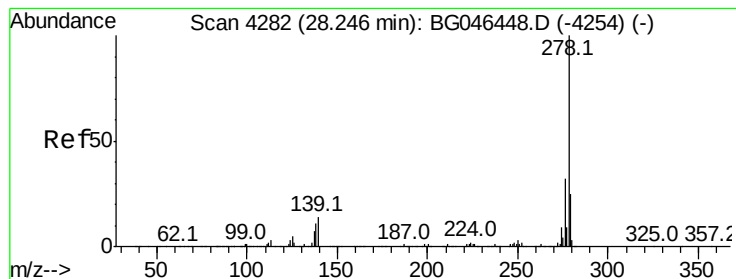
Tot Ion:252 Resp: 1259199
Ion Ratio Lower Upper
252 100
253 23.8 18.5 27.7
125 8.4 6.8 10.2



#90
Benzo(a)pyrene
Concen: 37.499 ng
RT: 24.51 min Scan# 3646
Delta R.T. -0.00 min
Lab File: BG046472.D
Acq: 31 Aug 2020 17:11

Tgt Ion:252 Resp: 1215794
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 8.9 7.4 11.0





#91

Dibenzo(a,h)anthracene

Concen: 38.952 ng

RT: 28.23 min Scan# 4279

Delta R.T. -0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Instrument :

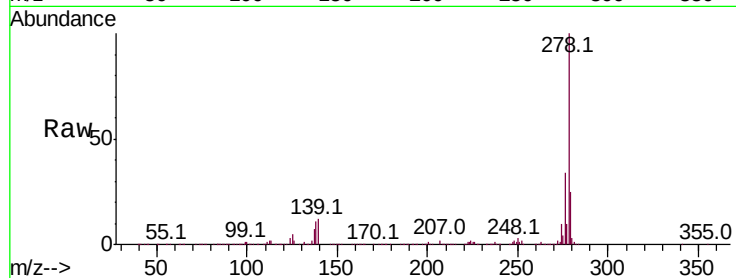
BNA_G

ClientSampleId :

PB131309BS

Tot Ion:278 Resp: 1256107

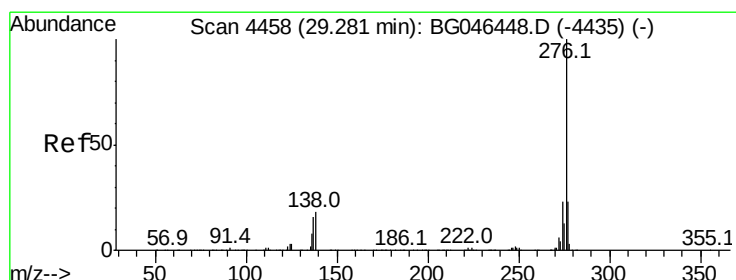
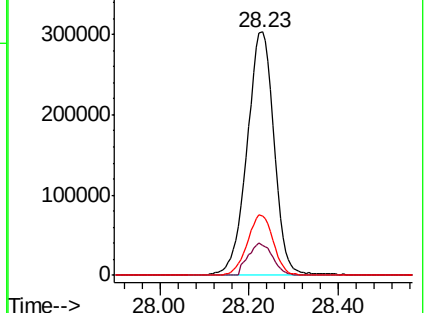
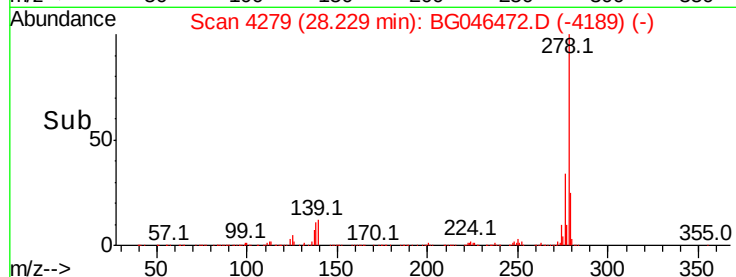
Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.2	16.8
279	24.6	19.8	29.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.140 ng

RT: 29.27 min Scan# 4456

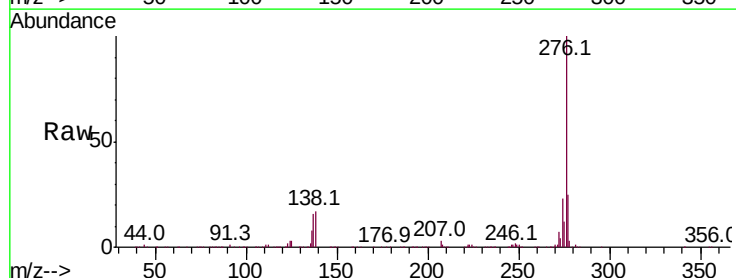
Delta R.T. 0.00 min

Lab File: BG046472.D

Acq: 31 Aug 2020 17:11

Tgt Ion:276 Resp: 1292586

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.7	28.1
138	17.3	14.7	22.1



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

