

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043860.D
 Acq On : 30 Dec 2019 10:07
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 30 11:50:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:43:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	142687	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	600586	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	395519	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	818436	20.00	ng	0.00
76) Chrysene-d12	21.59	240	689472	20.00	ng	0.00
87) Perylene-d12	24.72	264	782186	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	335095	42.84	ng	0.00
7) Phenol-d6	7.12	99	483101	43.76	ng	0.00
23) Nitrobenzene-d5	9.12	82	473698	43.85	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	175511	42.12	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1070237	48.32	ng	0.00
79) Terphenyl-d14	19.95	244	1449937	46.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	73324	21.758	ng	97
3) Pyridine	3.83	79	215986	21.450	ng	95
4) n-Nitrosodimethylamine	3.75	42	94310	21.157	ng	94
6) Aniline	7.28	93	302973	20.872	ng	98
8) 2-Chlorophenol	7.53	128	192718	21.036	ng	99
9) Benzaldehyde	7.10	77	159418	22.034	ng	97
10) Phenol	7.15	94	240516	21.137	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	206923	21.046	ng	99
12) 1,3-Dichlorobenzene	7.85	146	229846	21.481	ng	97
13) 1,4-Dichlorobenzene	8.00	146	226161	21.212	ng	96
14) 1,2-Dichlorobenzene	8.32	146	219002	21.423	ng	99
15) Benzyl Alcohol	8.19	79	178471	20.536	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	318880	20.893	ng	99
17) 2-Methylphenol	8.41	107	168830	20.475	ng	98
18) Hexachloroethane	9.05	117	87306	21.287	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	174337	21.143	ng	# 97
20) 3+4-Methylphenols	8.73	107	237147	20.761	ng	97
22) Acetophenone	8.78	105	329665	21.929	ng	# 97
24) Nitrobenzene	9.16	77	238149	21.532	ng	96
25) Isophorone	9.69	82	455347	21.535	ng	98
26) 2-Nitrophenol	9.87	139	104065	20.283	ng	98
27) 2,4-Dimethylphenol	9.93	122	169364	21.442	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	307853	21.883	ng	98
29) 2,4-Dichlorophenol	10.41	162	197806	20.998	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	227124	21.602	ng	98
31) Naphthalene	10.81	128	655638	22.534	ng	99
32) Benzoic acid	10.03	122	87443	14.237	ng	97
33) 4-Chloroaniline	10.91	127	299234	21.446	ng	99
34) Hexachlorobutadiene	11.11	225	137004	21.530	ng	99
35) Caprolactam	11.67	113	74628	21.208	ng	95
36) 4-Chloro-3-methylphenol	12.04	107	213647	21.057	ng	98
37) 2-Methylnaphthalene	12.42	142	491125	22.365	ng	95
38) 1-Methylnaphthalene	12.64	142	466656	22.387	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	246486	21.440	ng	99

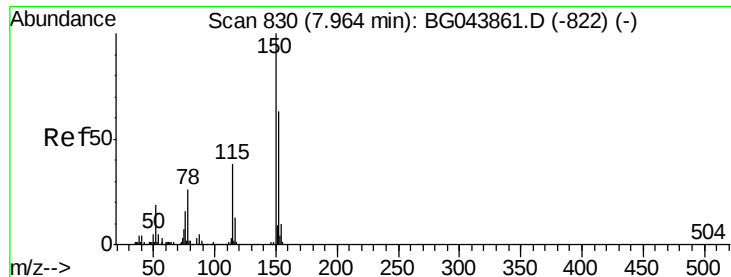
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 11:43:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	112737	18.365	ng	97
43) 2,4,6-Trichlorophenol	13.02	196	163909	20.599	ng	93
44) 2,4,5-Trichlorophenol	13.09	196	170885	20.963	ng	97
46) 1,1'-Biphenyl	13.43	154	638094	22.472	ng	98
47) 2-Chloronaphthalene	13.47	162	510473	22.298	ng	97
48) 2-Nitroaniline	13.66	65	153563	20.942	ng	99
49) Acenaphthylene	14.32	152	761706	22.950	ng	97
50) Dimethylphthalate	14.05	163	650492	23.017	ng	98
51) 2,6-Dinitrotoluene	14.16	165	135611	21.230	ng	98
52) Acenaphthene	14.66	154	504311	21.749	ng	99
53) 3-Nitroaniline	14.49	138	154192	21.348	ng	100
54) 2,4-Dinitrophenol	14.69	184	48824	17.263	ng	# 82
55) Dibenzofuran	14.99	168	744417	23.237	ng	97
56) 4-Nitrophenol	14.79	139	114398	20.654	ng	95
57) 2,4-Dinitrotoluene	14.95	165	186421	21.653	ng	96
58) Fluorene	15.64	166	585047	23.027	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	149572	21.010	ng	99
60) Diethylphthalate	15.42	149	651931	23.105	ng	97
61) 4-Chlorophenyl-phenylether	15.64	204	303934	22.247	ng	98
62) 4-Nitroaniline	15.64	138	157729	22.266	ng	93
63) Azobenzene	15.93	77	597667	22.797	ng	97
65) 4,6-Dinitro-2-methylphenol	15.71	198	71961	18.524	ng	95
66) n-Nitrosodiphenylamine	15.84	169	529030	21.983	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	193481	21.185	ng	97
68) Hexachlorobenzene	16.65	284	209552	21.181	ng	98
69) Atrazine	16.80	200	180475	22.868	ng	98
70) Pentachlorophenol	16.99	266	104005	19.200	ng	97
71) Phenanthrene	17.38	178	917735	23.369	ng	97
72) Anthracene	17.47	178	901295	23.182	ng	96
73) Carbazole	17.74	167	830320	23.351	ng	96
74) Di-n-butylphthalate	18.31	149	1055973	24.693	ng	95
75) Fluoranthene	19.39	202	1027310	24.257	ng	96
77) Benzidine	19.56	184	328793	17.866	ng	98
78) Pyrene	19.75	202	1033054	23.841	ng	94
80) Butylbenzylphthalate	20.64	149	469608	22.212	ng	96
81) Benzo(a)anthracene	21.57	228	983020	23.004	ng	95
82) 3,3'-Dichlorobenzidine	21.48	252	365364	21.547	ng	98
83) Chrysene	21.63	228	931344	22.913	ng	97
84) Bis(2-ethylhexyl)phthalate	21.50	149	677541	23.087	ng	95
85) Di-n-octyl phthalate	22.69	149	1132205	22.938	ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	1142994	20.635	ng	100
88) Benzo(b)fluoranthene	23.73	252	1041688	22.684	ng	98
89) Benzo(k)fluoranthene	23.79	252	974948	22.134	ng	97
90) Benzo(a)pyrene	24.57	252	950963	21.885	ng	97
91) Dibenzo(a,h)anthracene	28.32	278	934085	21.251	ng	98
92) Benzo(g,h,i)perylene	29.36	276	918861	21.151	ng	97

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

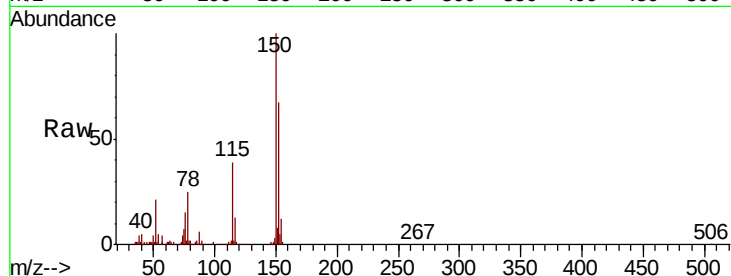


#1

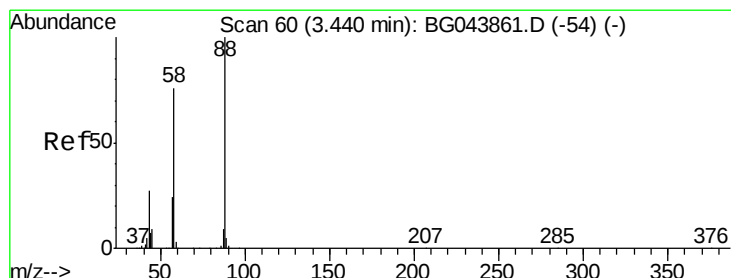
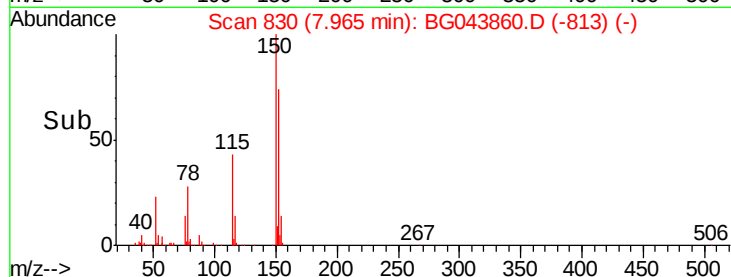
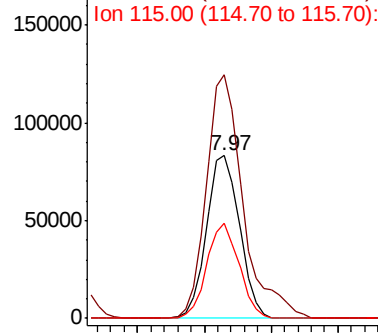
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	127.0	190.4
115	58.5	47.8	71.8



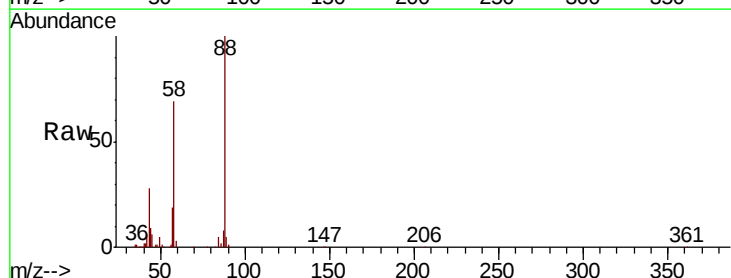
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



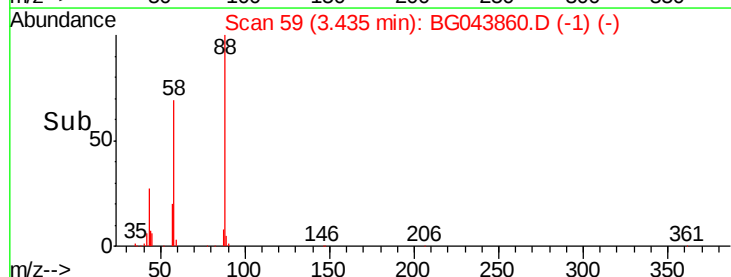
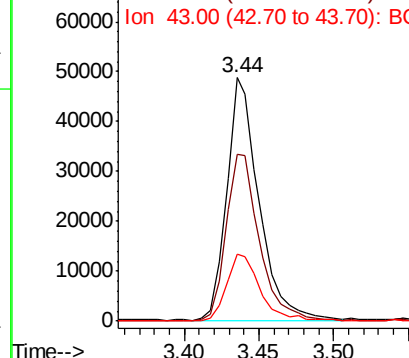
#2

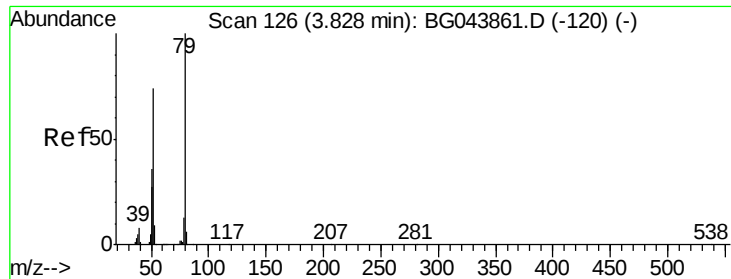
1,4-Dioxane
Concen: 21.758 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	59.8	89.8
43	29.0	22.9	34.3



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: 21.450 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

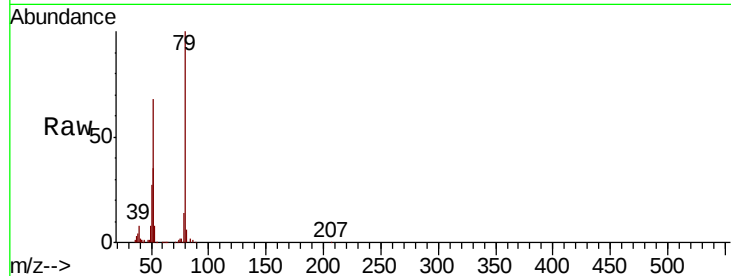
Tot Ion: 79 Resp: 215986

Ion Ratio Lower Upper

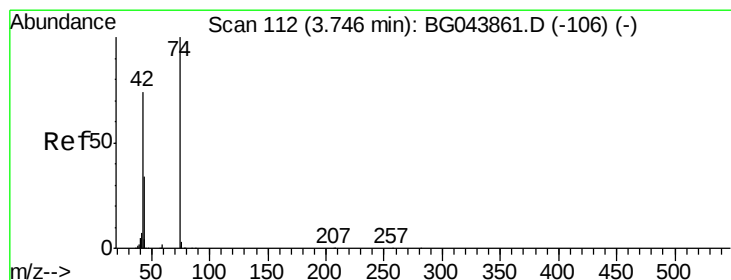
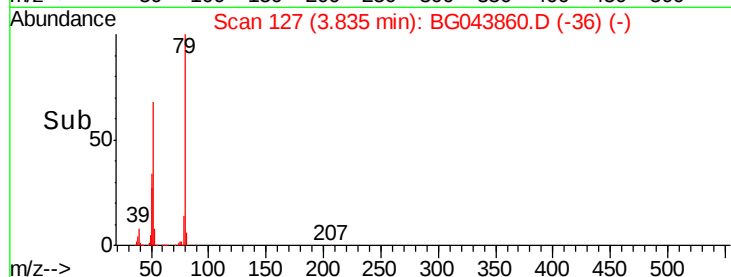
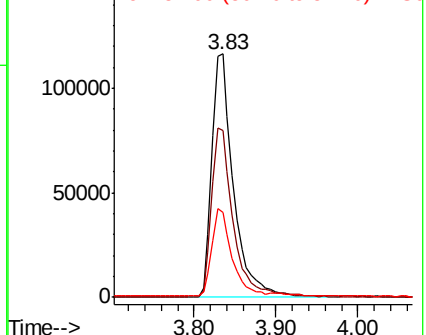
79 100

52 68.3 58.9 88.3

51 34.8 28.6 43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 21.157 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

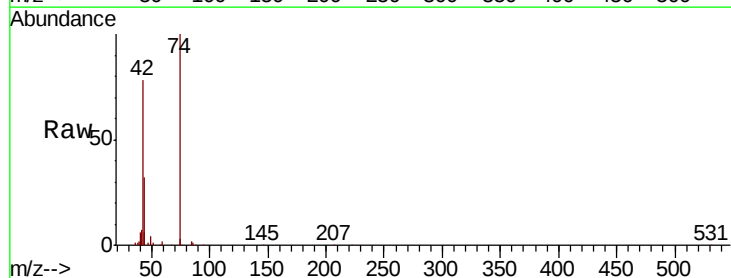
Tgt Ion: 42 Resp: 94310

Ion Ratio Lower Upper

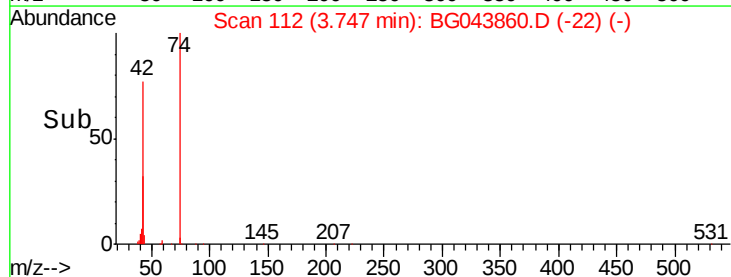
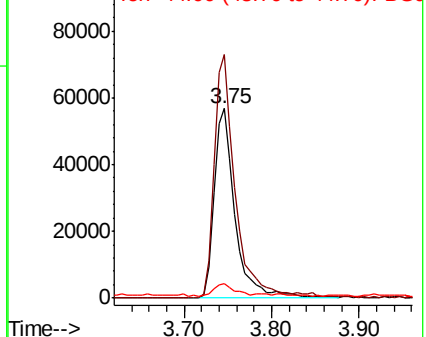
42 100

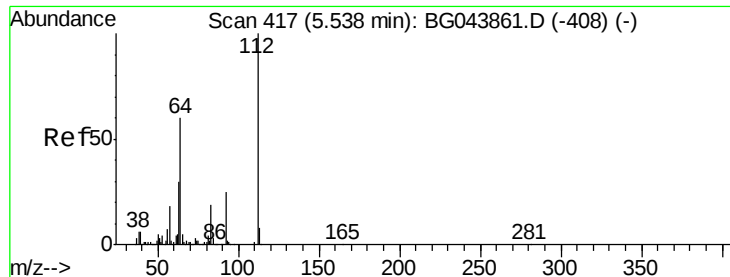
74 128.6 108.6 162.8

44 7.5 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 42.841 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampled :

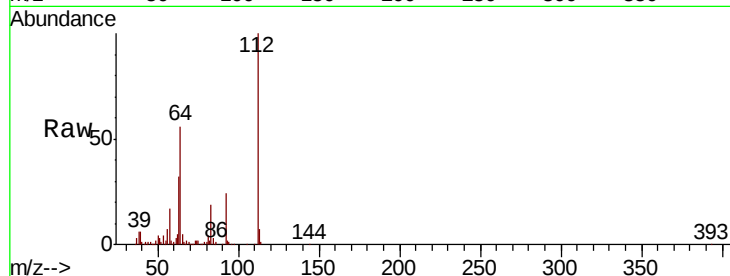
Tot Ion:112 Resp: 335095

Ion Ratio Lower Upper

112 100

64 56.4 47.8 71.6

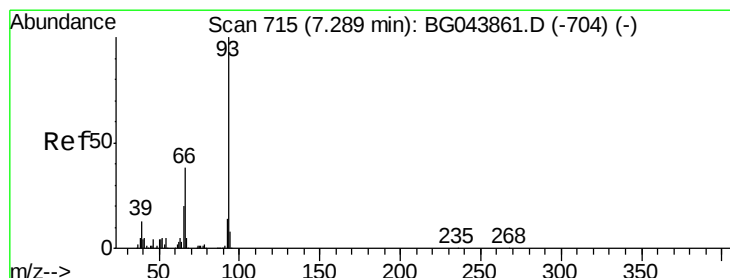
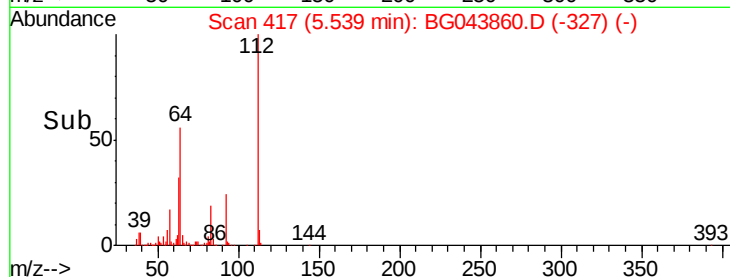
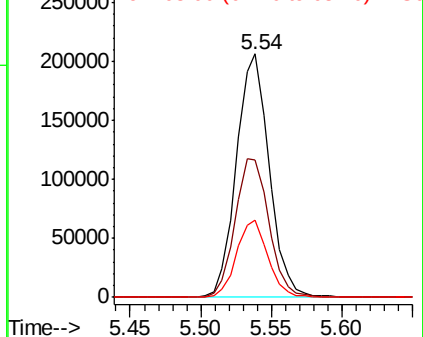
63 31.8 24.3 36.5



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: 20.872 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

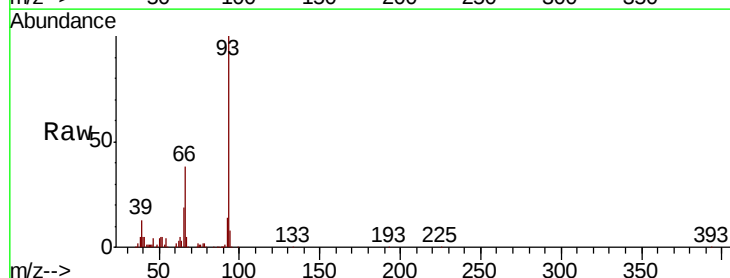
Tgt Ion: 93 Resp: 302973

Ion Ratio Lower Upper

93 100

66 37.6 30.8 46.2

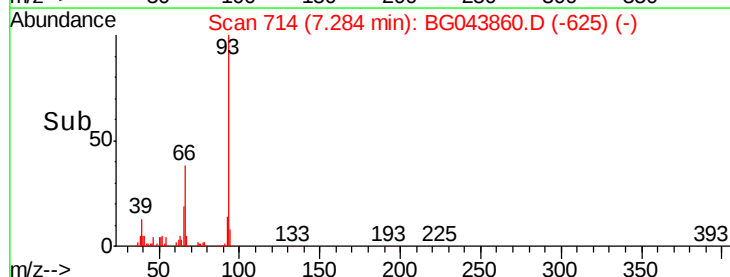
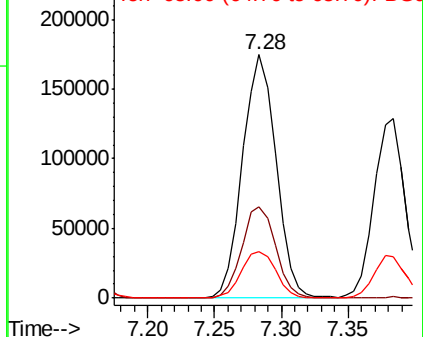
65 19.0 16.0 24.0

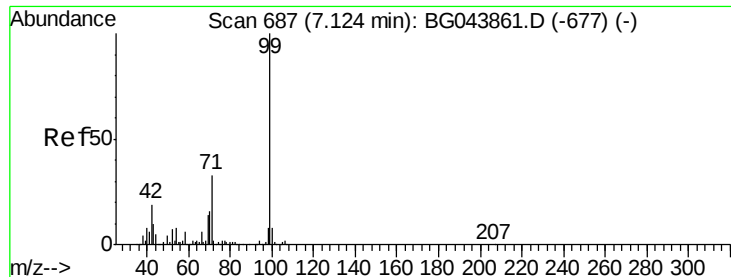


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 43.757 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

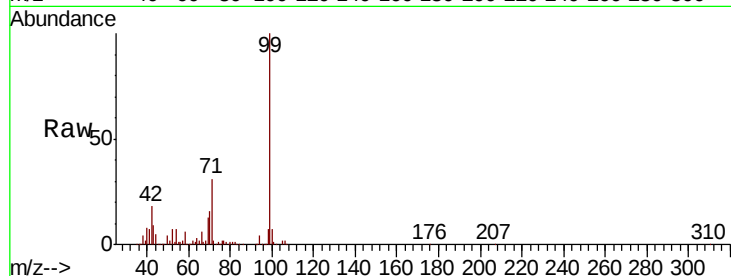
Tot Ion: 99 Resp: 483101

Ion Ratio Lower Upper

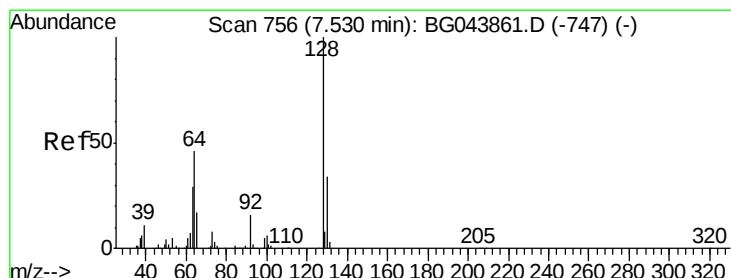
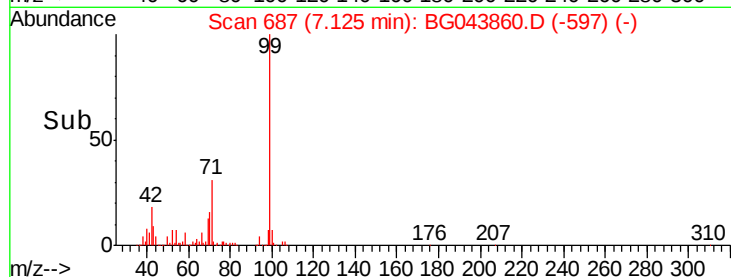
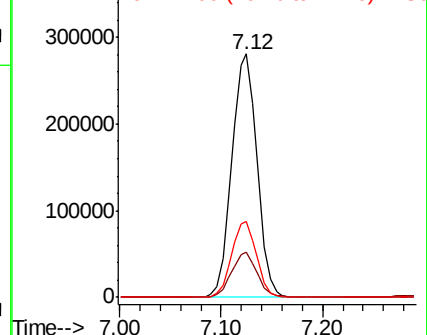
99 100

42 18.4 14.9 22.3

71 31.4 26.4 39.6



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: 21.036 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

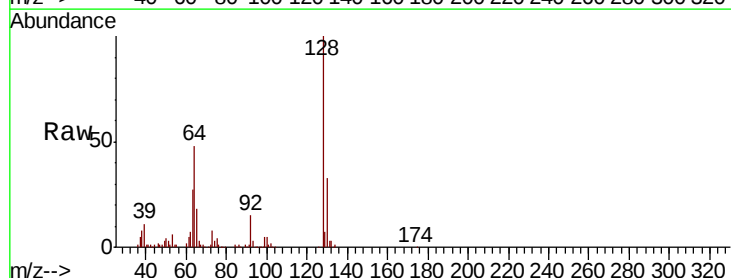
Tgt Ion: 128 Resp: 192718

Ion Ratio Lower Upper

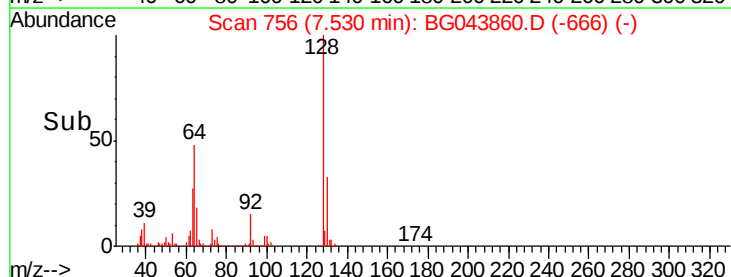
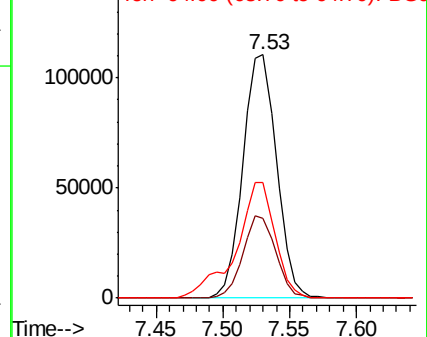
128 100

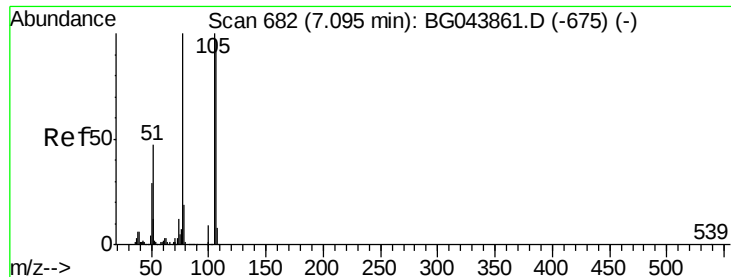
130 32.7 13.8 53.8

64 47.6 27.6 67.6



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





#9

Benzaldehyde

Concen: 22.034 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

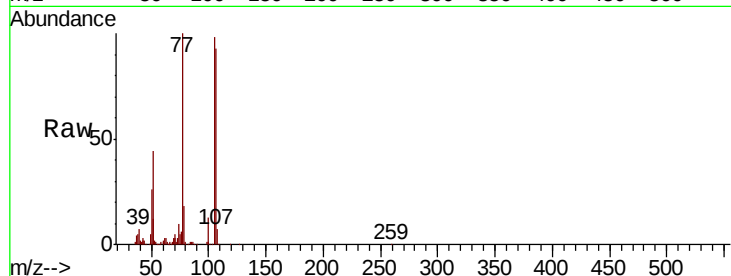
Tot Ion: 77 Resp: 159418

Ion Ratio Lower Upper

77 100

105 97.8 80.2 120.2

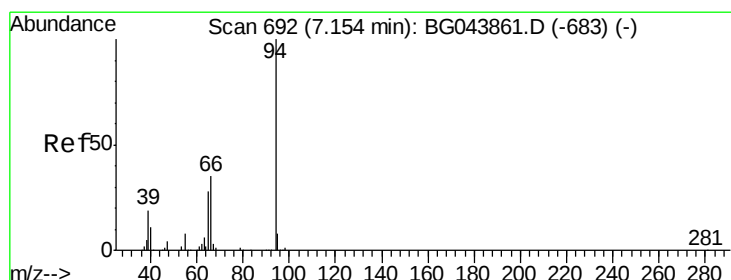
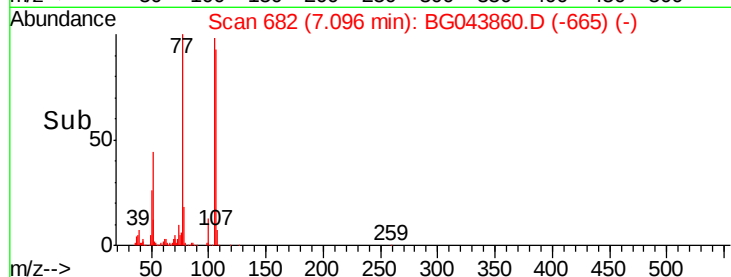
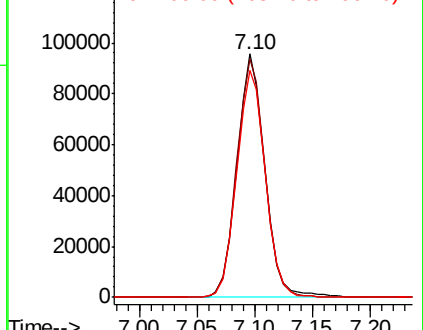
106 93.3 77.2 117.2



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: 21.137 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

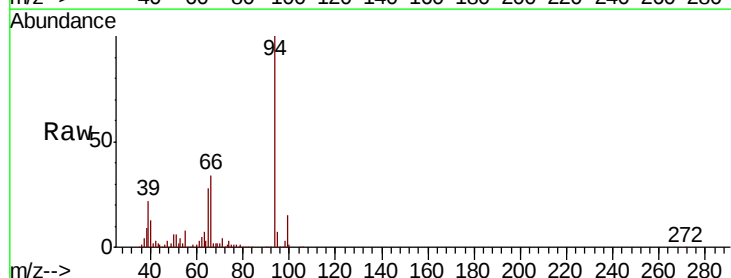
Tgt Ion: 94 Resp: 240516

Ion Ratio Lower Upper

94 100

65 27.9 8.1 48.1

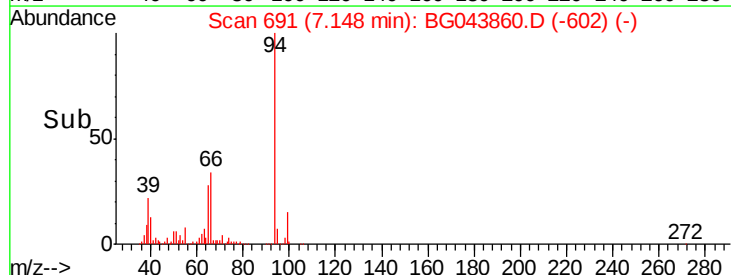
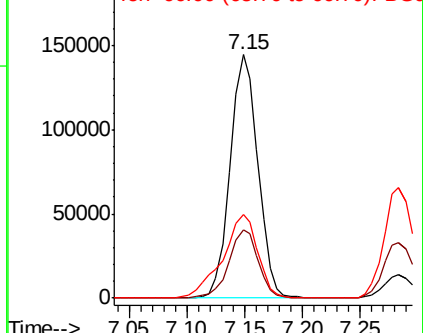
66 34.2 15.6 55.6

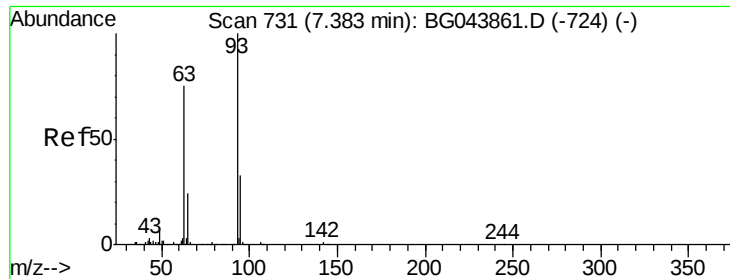


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

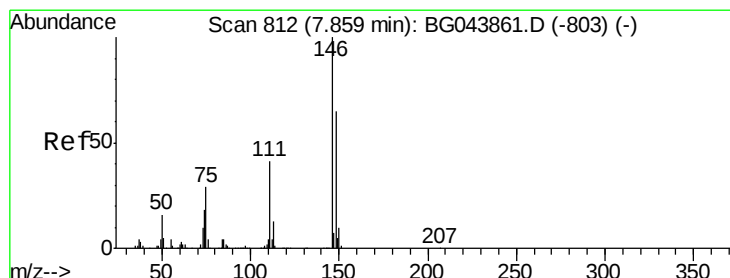
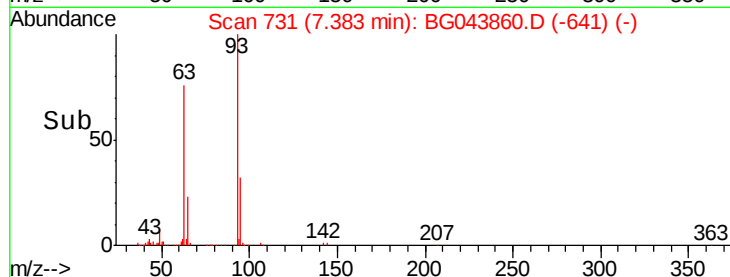
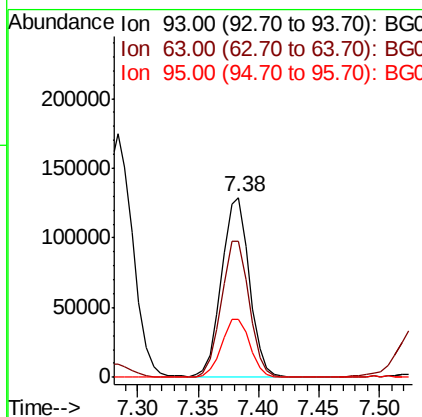
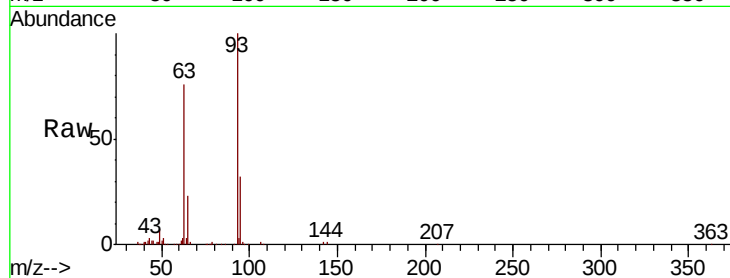




#11
bis(2-Chloroethyl)ether
Concen: 21.046 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

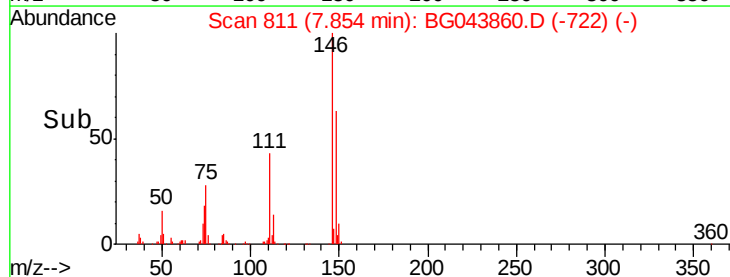
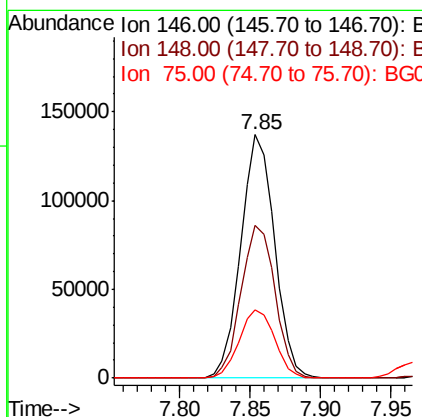
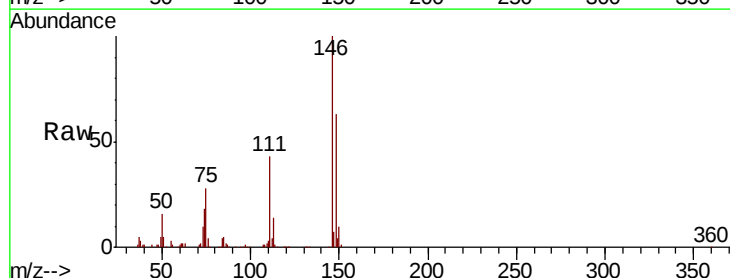
Instrument :
BNA_G
ClientSampleId :

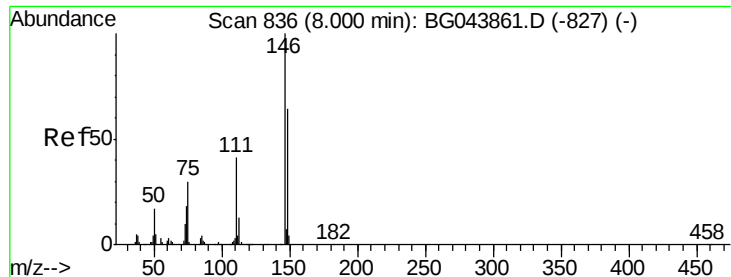
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	55.0	95.0
95	32.2	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 21.481 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.1	78.1
75	27.8	23.0	34.4

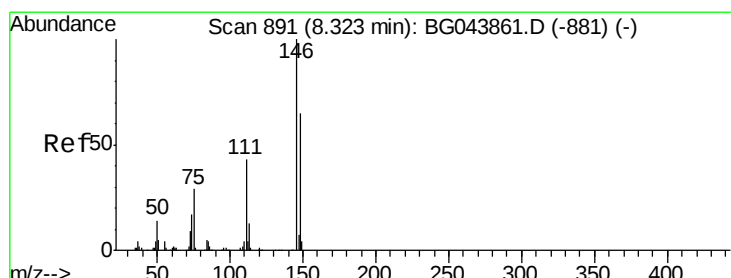
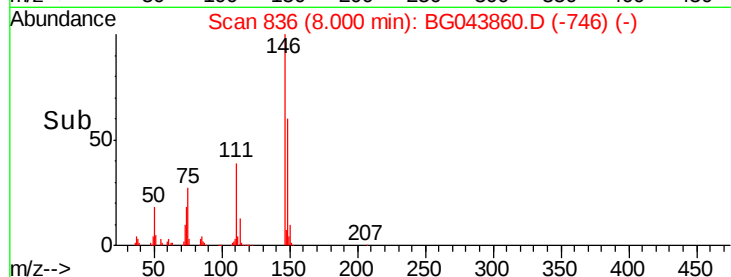
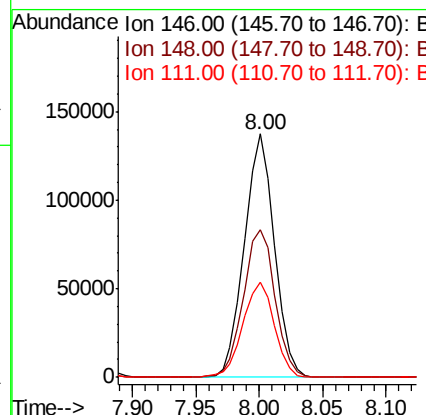
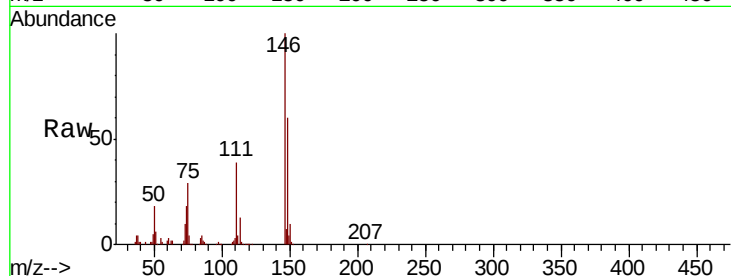




#13
 1,4-Dichlorobenzene
 Concen: 21.212 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

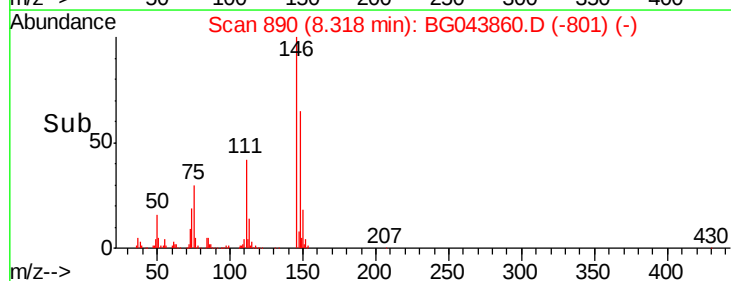
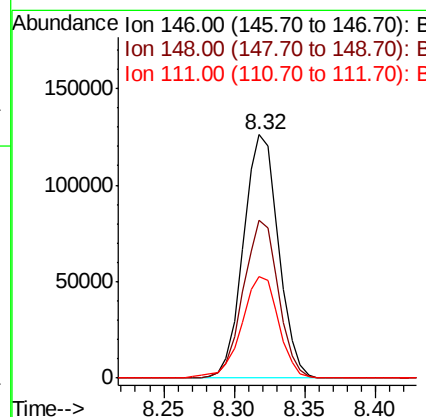
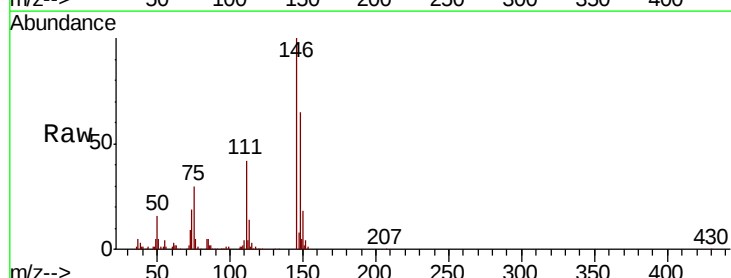
Instrument :
 BNA_G
 ClientSampleId :

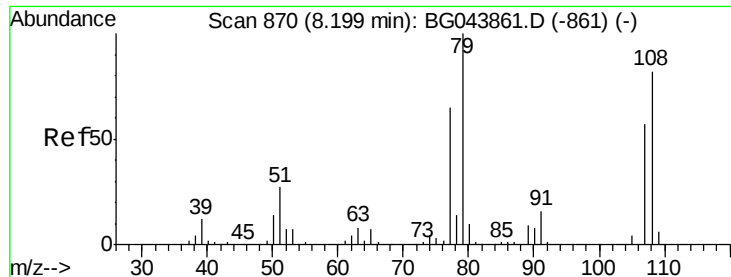
Tot Ion	Ratio	Lower	Upper
146	100		
148	60.5	51.2	76.8
111	39.0	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 21.423 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
111	41.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 20.536 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampled :

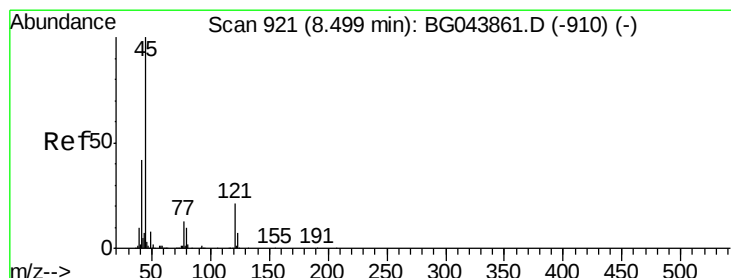
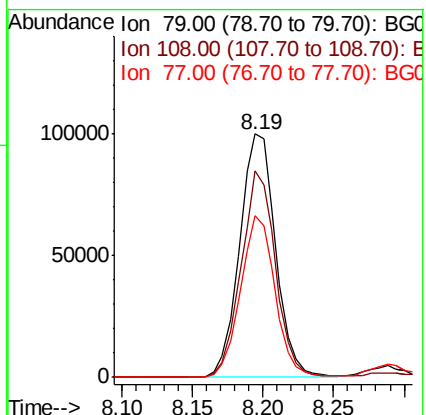
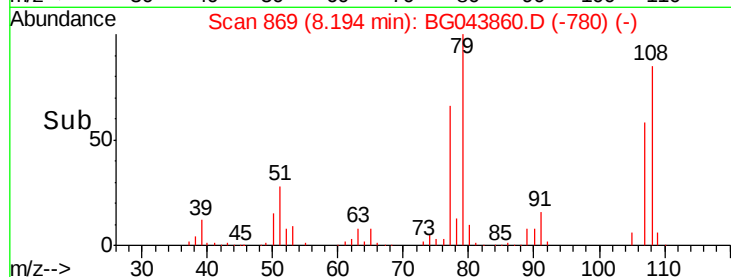
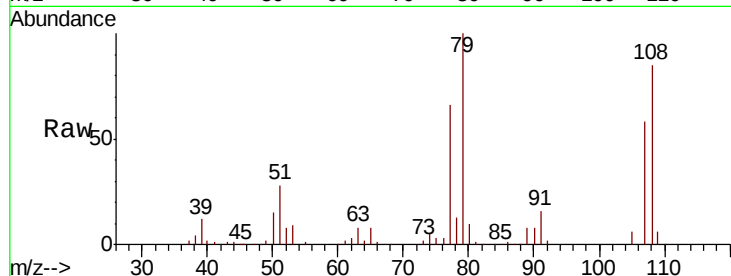
Tot Ion: 79 Resp: 178471

Ion Ratio Lower Upper

79 100

108 85.0 65.6 98.4

77 66.5 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.893 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

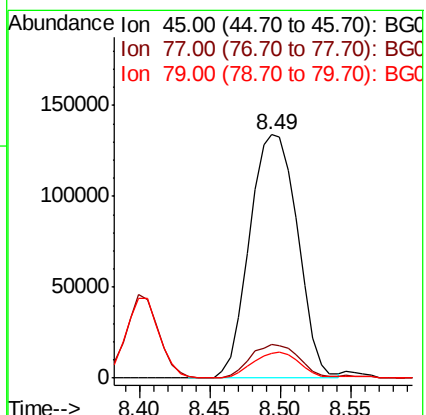
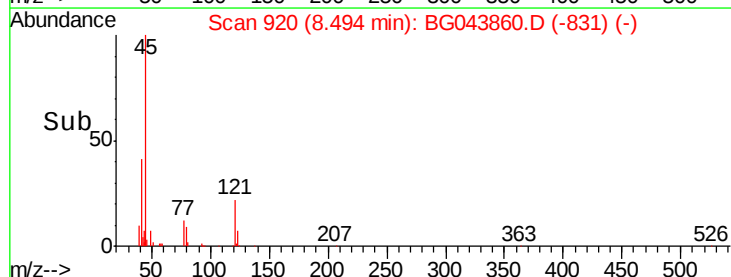
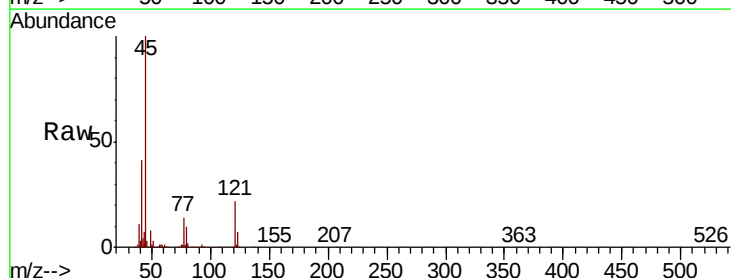
Tgt Ion: 45 Resp: 318880

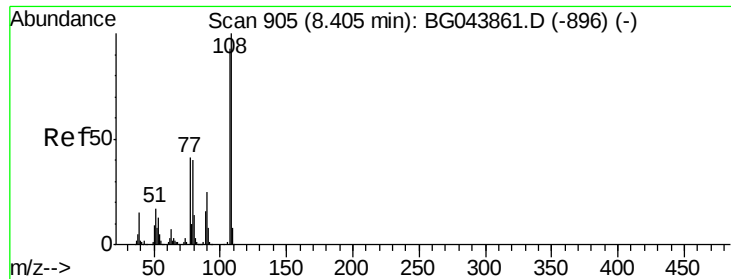
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.8

79 10.4 0.0 31.0





#17

2-Methylphenol

Concen: 20.475 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 168830

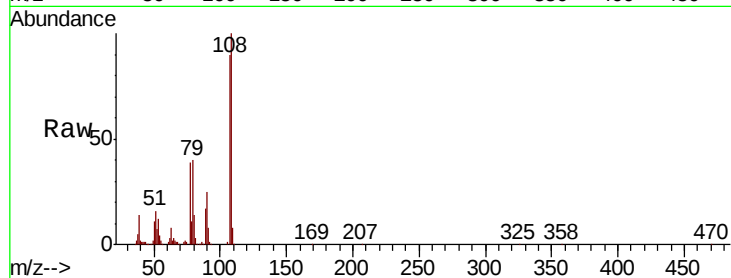
Ion Ratio Lower Upper

107 100

108 110.6 86.1 129.1

77 43.6 35.4 53.0

79 44.5 34.8 52.2

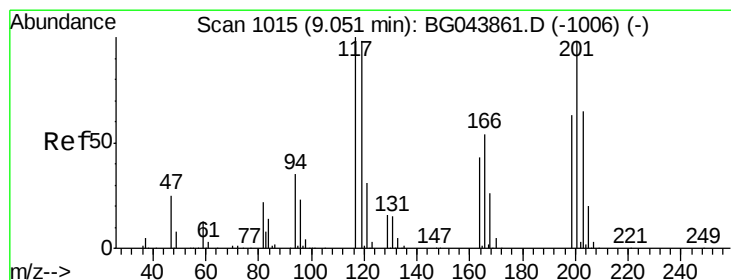
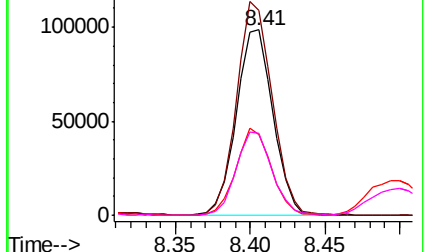
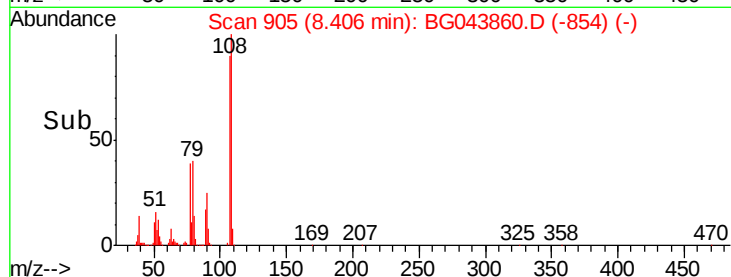


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 21.287 ng

RT: 9.05 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

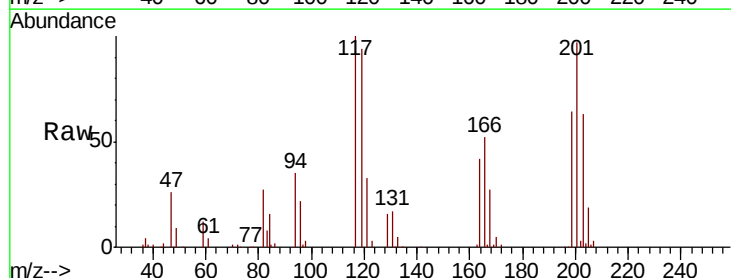
Tgt Ion:117 Resp: 87306

Ion Ratio Lower Upper

117 100

119 93.6 78.1 117.1

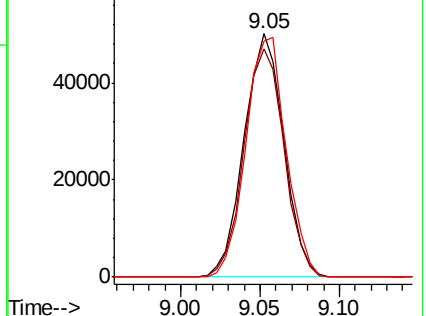
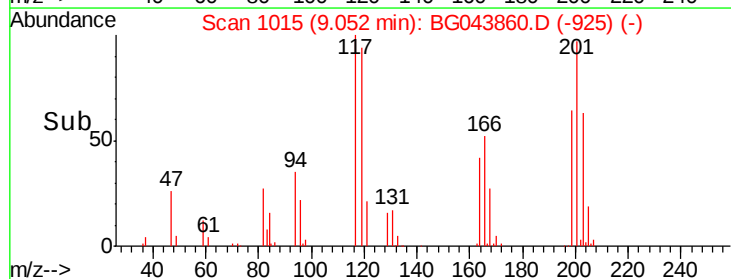
201 96.7 78.6 117.8

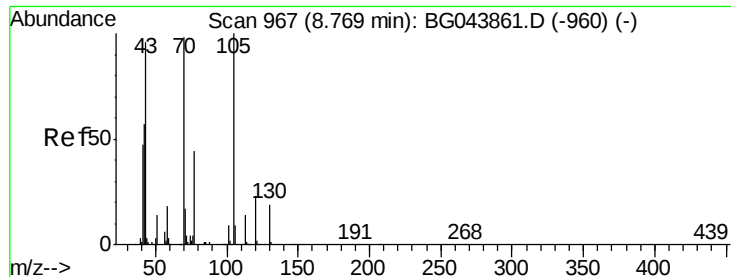


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

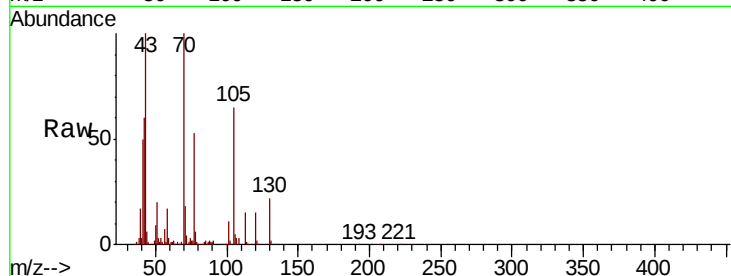




#19
n-Nitroso-di-n-propylamine
Concen: 21.143 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.0	70.4
101	11.3	7.2	10.8
130	21.6	15.6	23.4



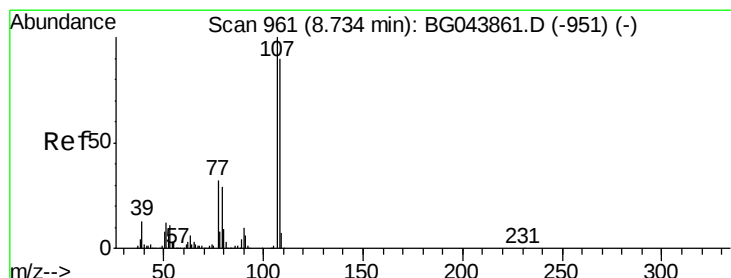
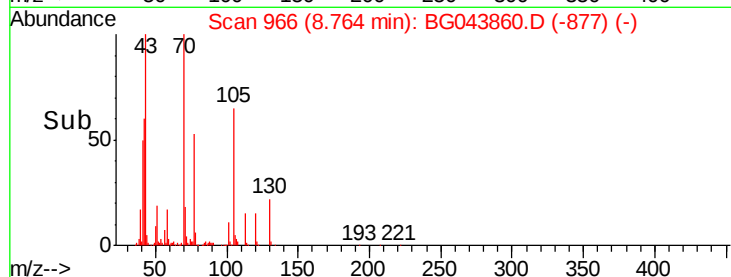
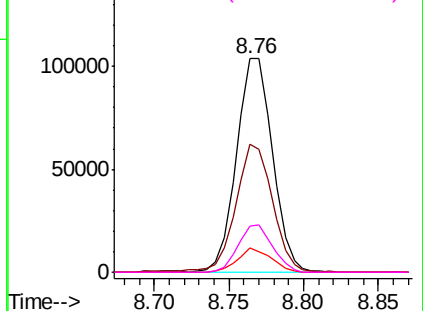
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

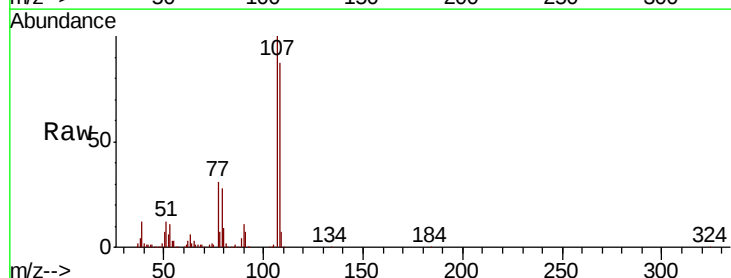
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 20.761 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.3	110.3
77	31.1	12.4	52.4
79	27.7	8.6	48.6



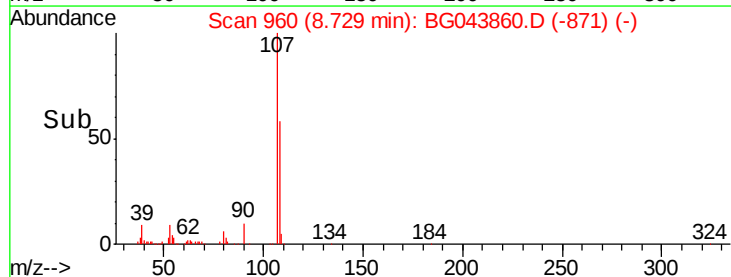
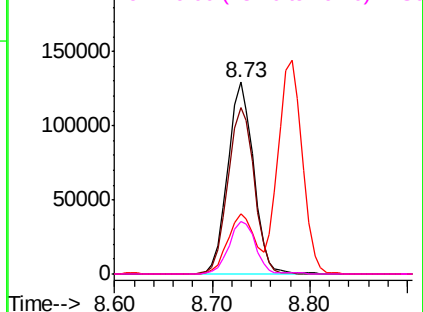
Abundance

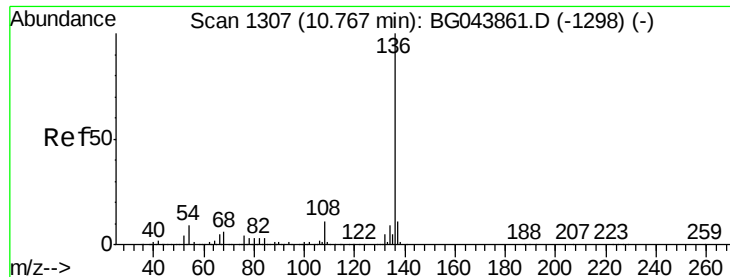
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

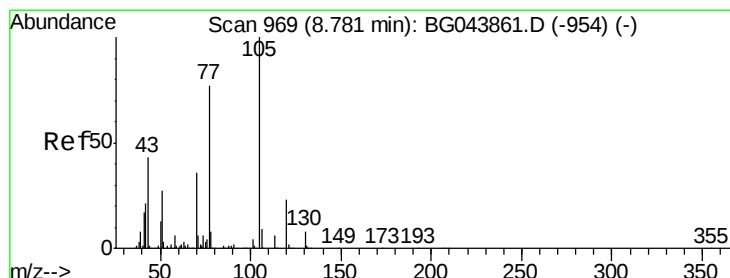
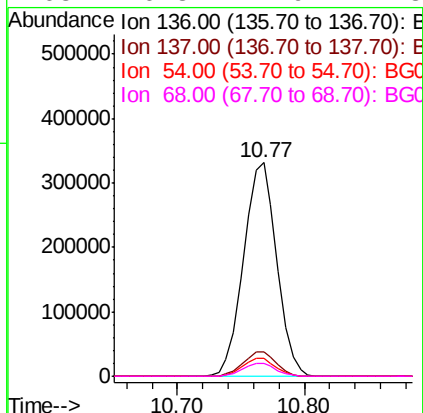
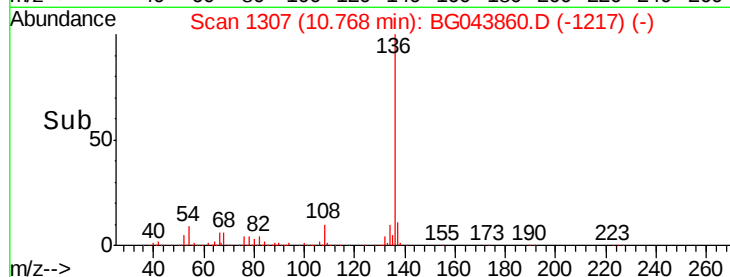
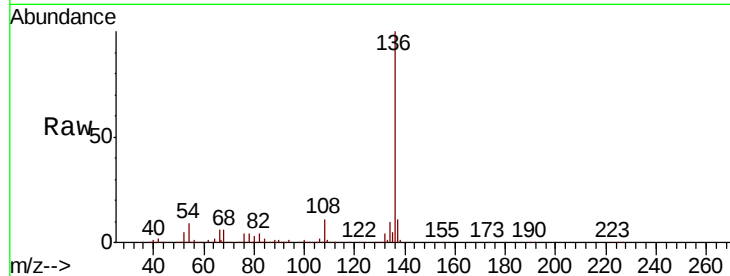




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

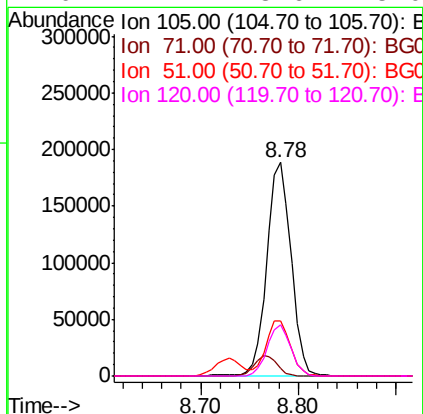
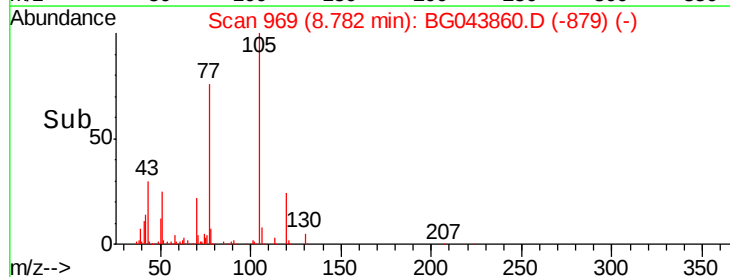
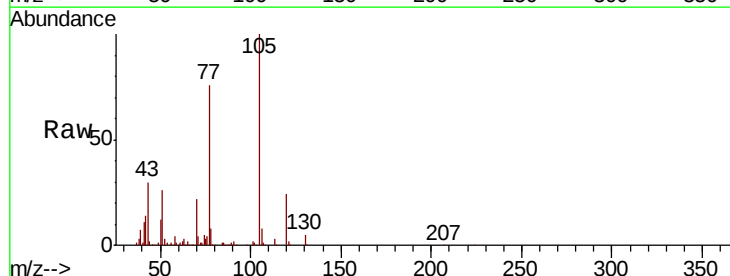
Instrument :
BNA_G
ClientSampleId :

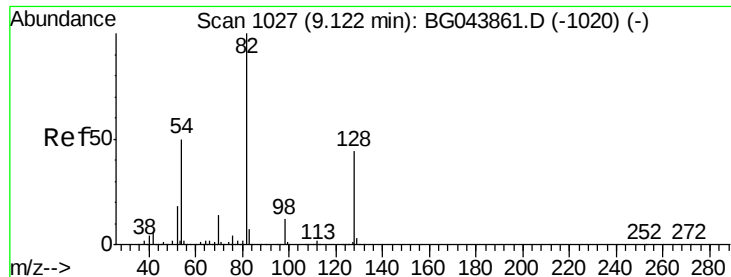
Tot Ion:136	Resp:	600586
Ion	Ratio	Lower Upper
136	100	
137	11.5	8.8 13.2
54	8.5	7.0 10.4
68	6.3	4.9 7.3



#22
Acetophenone
Concen: 21.929 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion:105	Resp:	329665
Ion	Ratio	Lower Upper
105	100	
71	3.6	4.8 7.2#
51	25.5	21.4 32.0
120	24.2	18.6 28.0

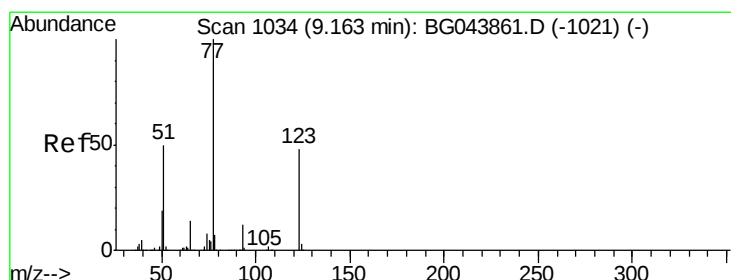
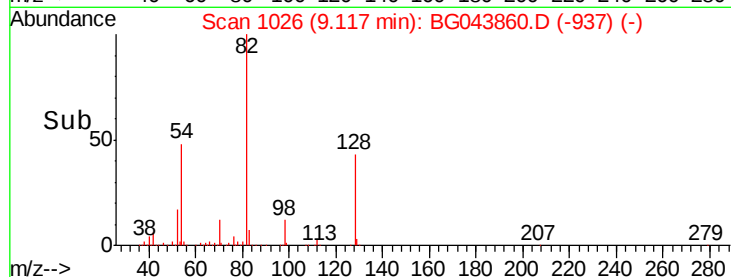
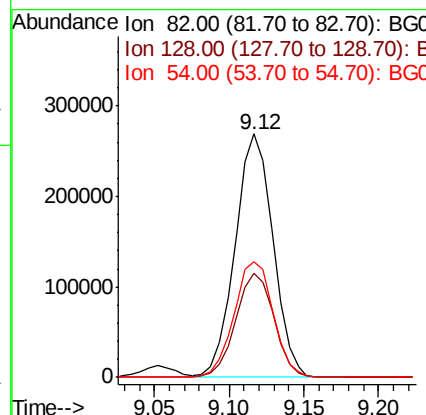
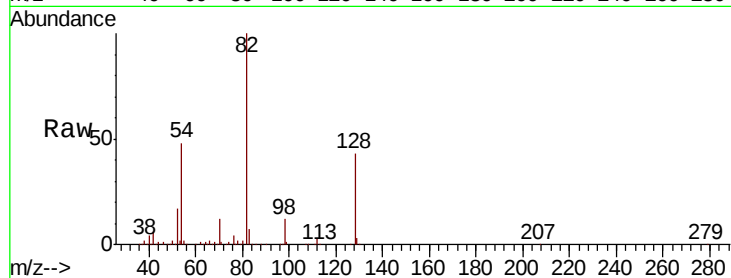




#23
 Nitrobenzene-d5
 Concen: 43.850 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

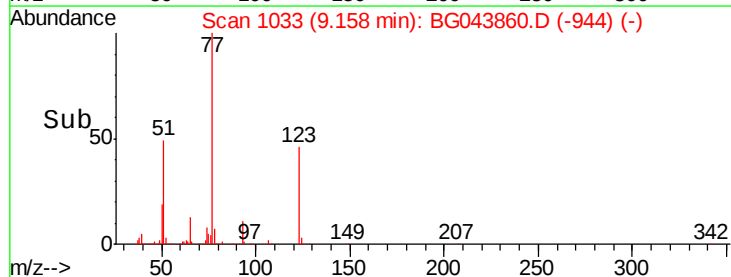
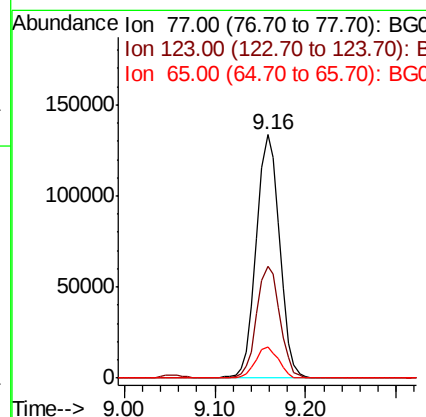
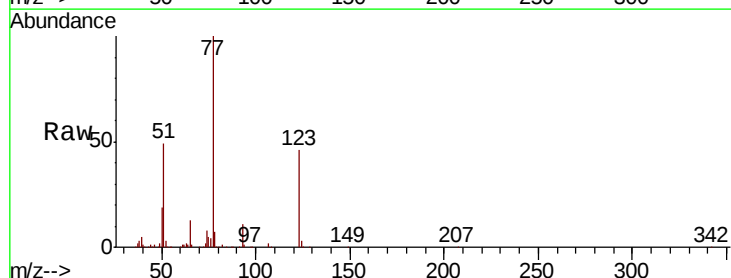
Instrument :
 BNA_G
 ClientSampleId :

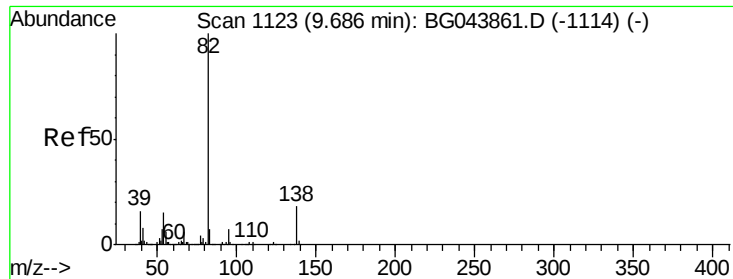
Tot Ion	82	Resp	473698
Ion Ratio	Lower	Upper	
82	100		
128	43.0	35.1	52.7
54	47.7	40.1	60.1



#24
 Nitrobenzene
 Concen: 21.532 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Tgt Ion	77	Resp	238149
Ion Ratio	Lower	Upper	
77	100		
123	45.8	38.7	58.1
65	12.9	11.1	16.7

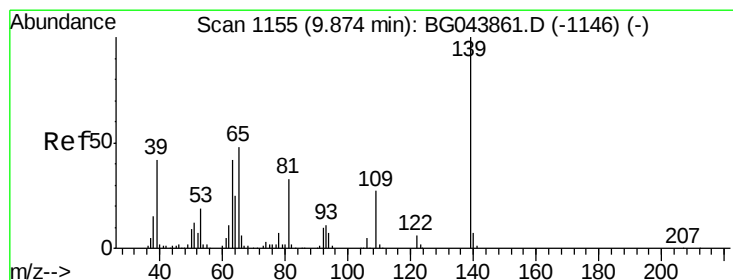
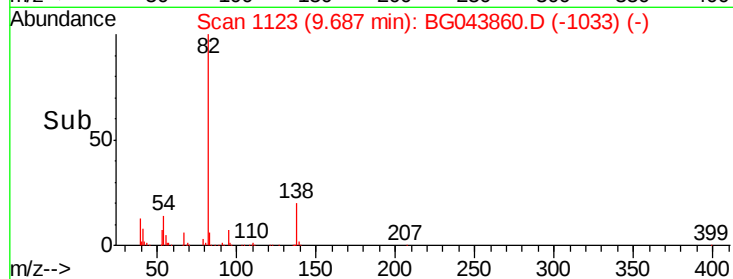
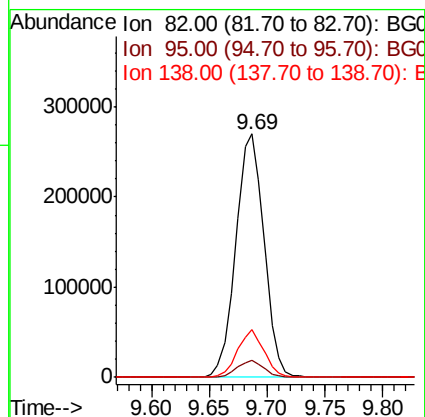
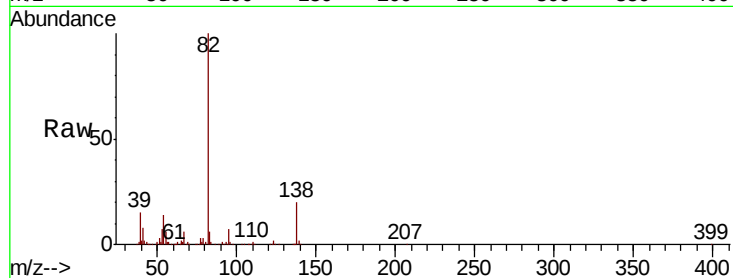




#25
Isophorone
Concen: 21.535 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

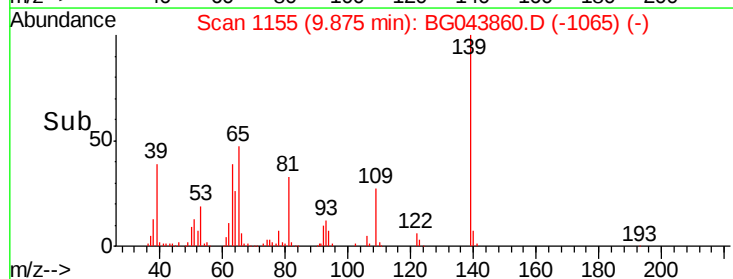
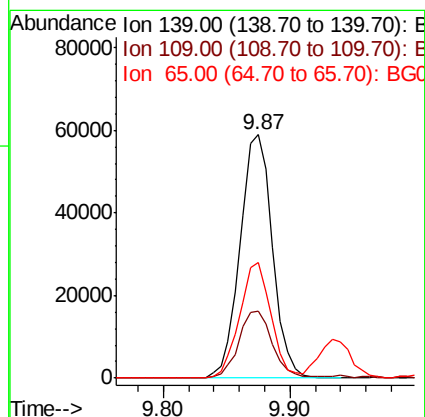
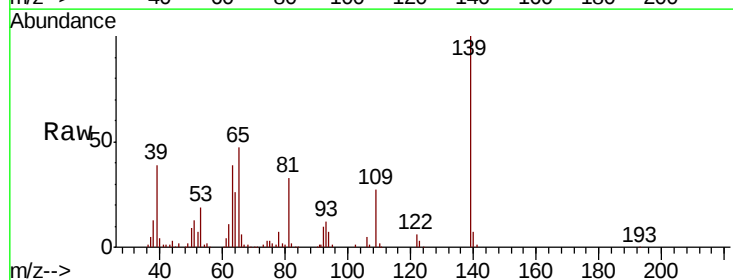
Instrument :
BNA_G
ClientSampleId :

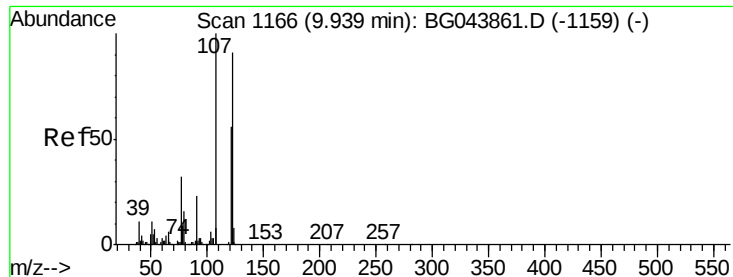
Tot Ion	82	Resp	455347
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	19.5	14.6	22.0



#26
2-Nitrophenol
Concen: 20.283 ng
RT: 9.87 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	139	Resp	104065
Ion Ratio	Lower	Upper	
139	100		
109	27.5	21.3	31.9
65	47.2	38.6	57.8

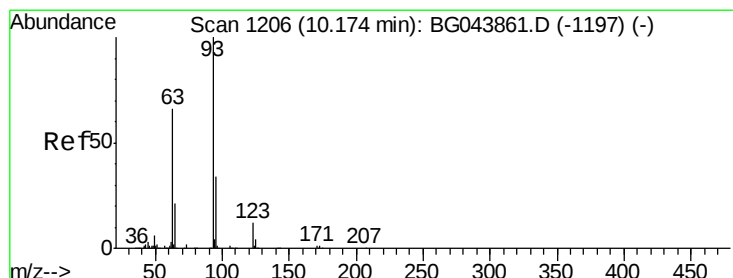
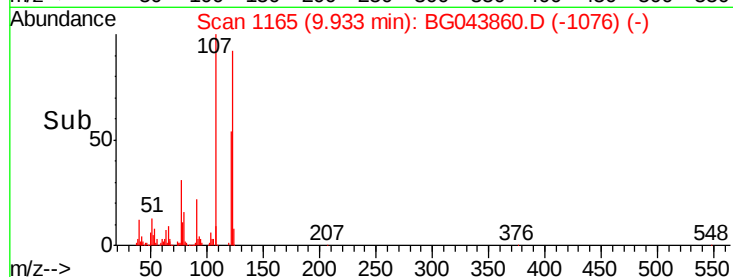
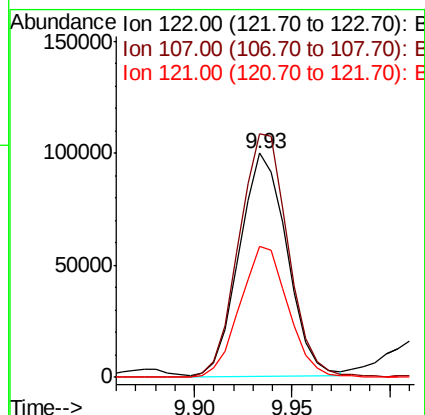
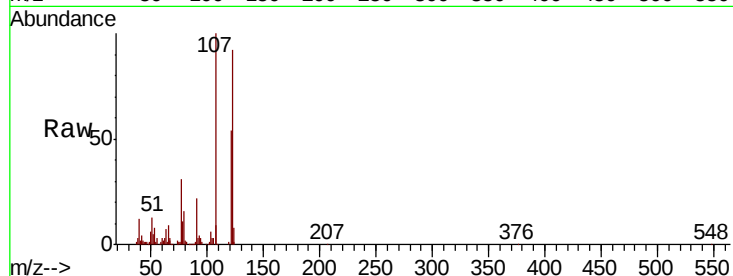




#27
 2,4-Dimethylphenol
 Concen: 21.442 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

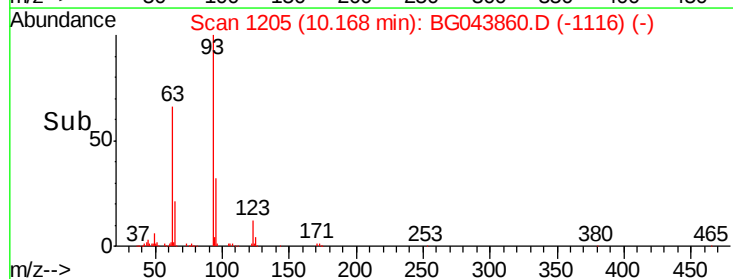
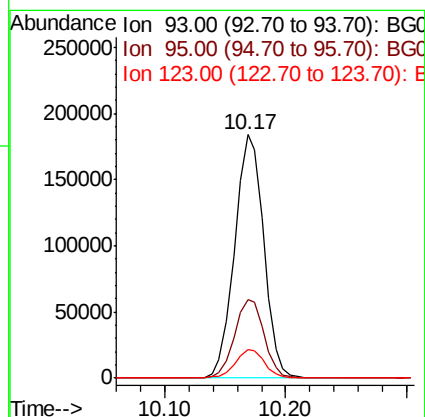
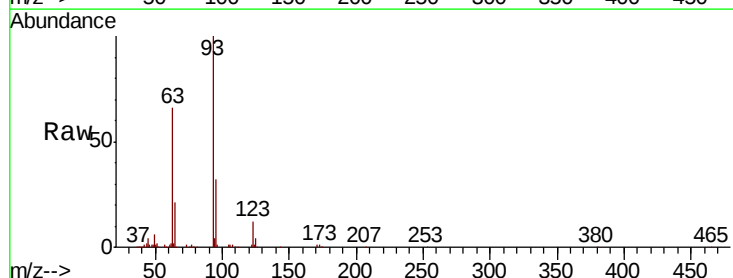
Instrument :
 BNA_G
 ClientSampleID :

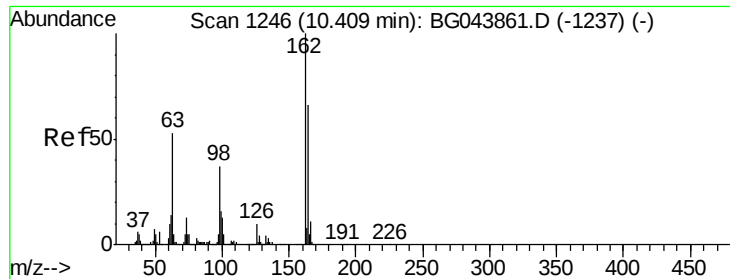
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	88.0	132.0
121	58.3	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 21.883 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.2	40.8
123	12.0	9.7	14.5

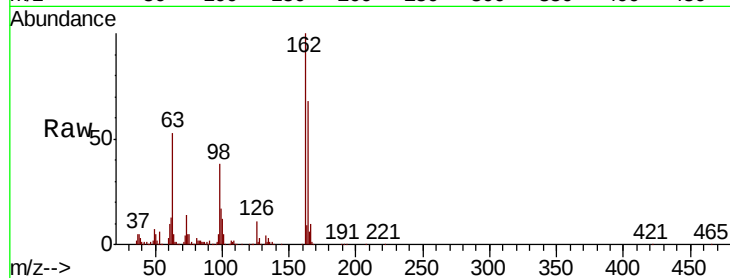




#29
 2,4-Dichlorophenol
 Concen: 20.998 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	46.3	86.3
98	37.6	17.3	57.3

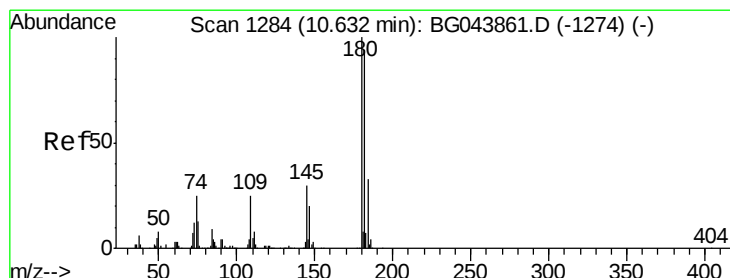
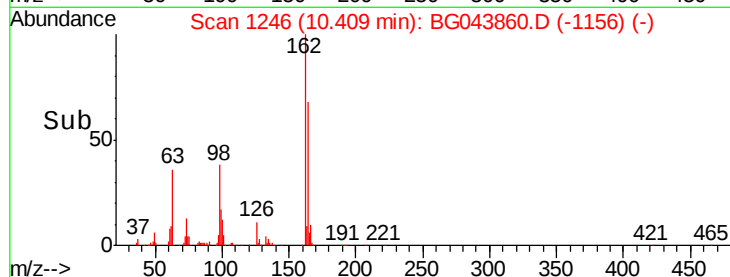
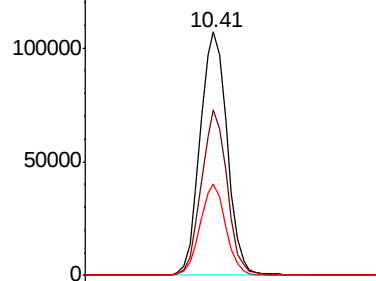


Abundance

Ion 162.00 (161.70 to 162.70): E

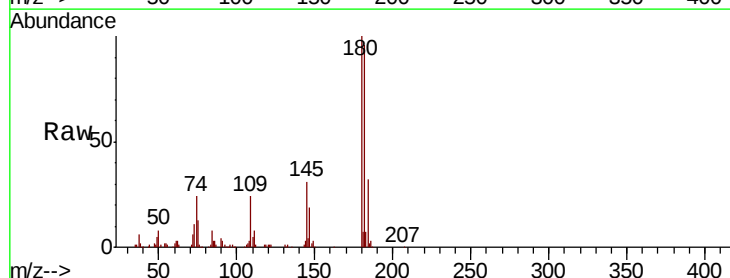
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 21.602 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.0	112.4
145	30.6	24.2	36.4

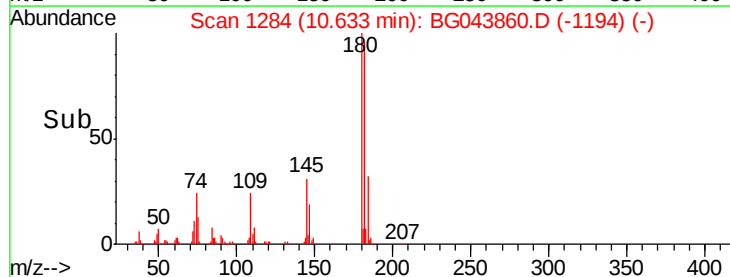
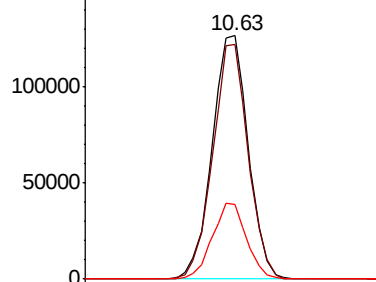


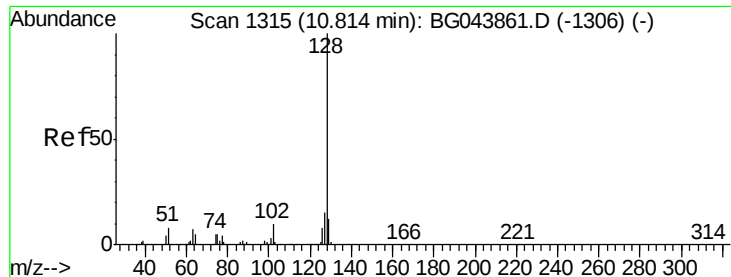
Abundance

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

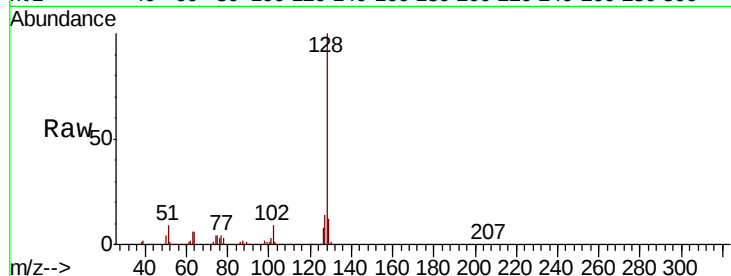




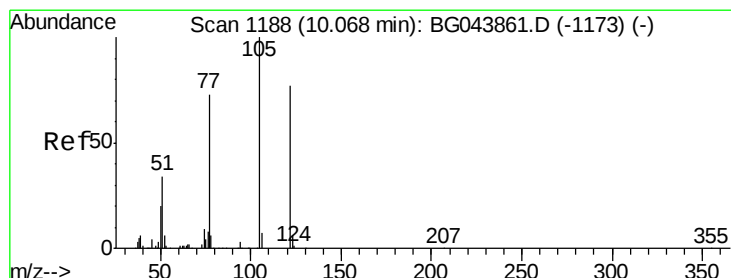
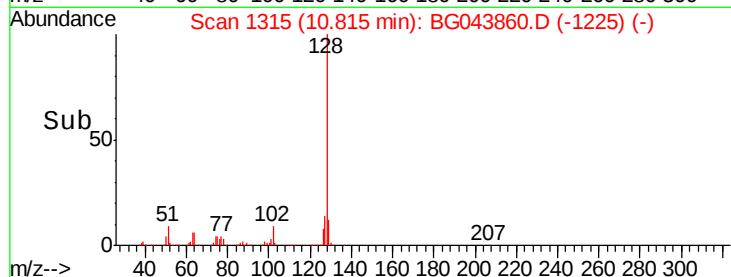
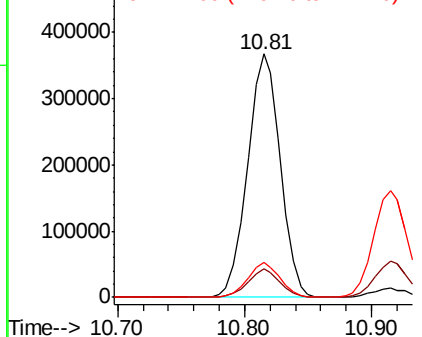
#31
Naphthalene
Concen: 22.534 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.2	12.0	18.0

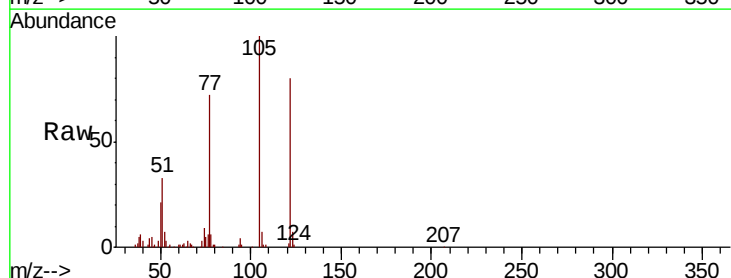


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

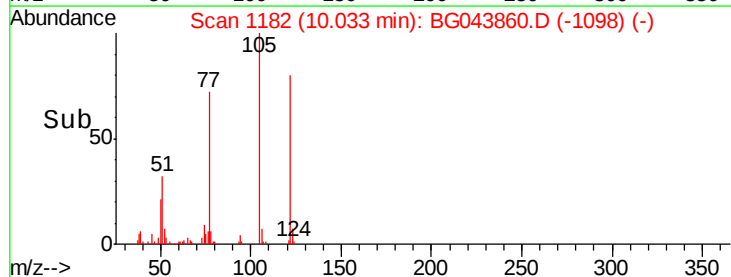
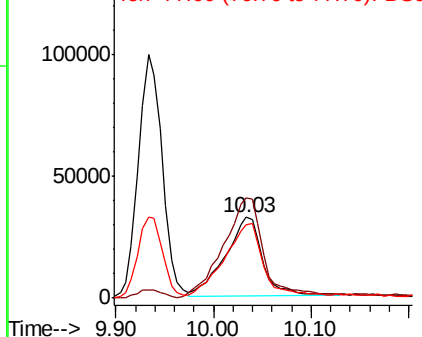


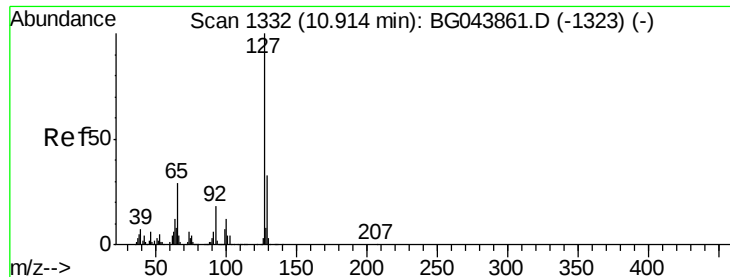
#32
Benzoic acid
Concen: 14.237 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	106.4	146.4
77	90.5	74.6	114.6



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): BGO

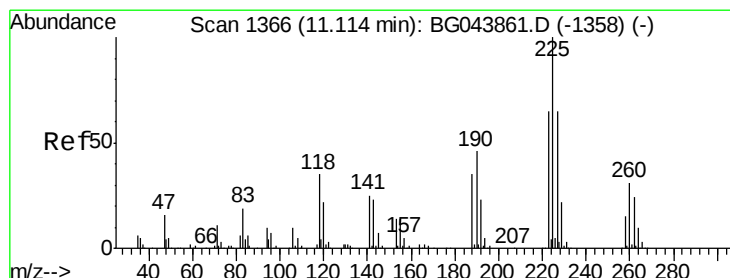
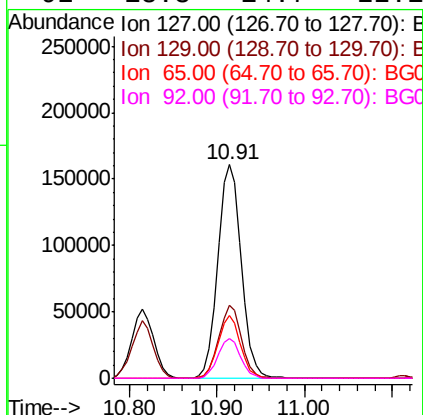
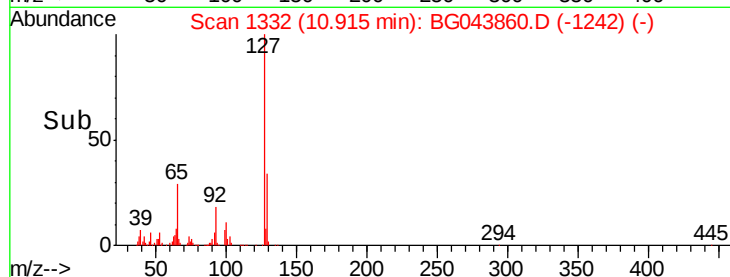
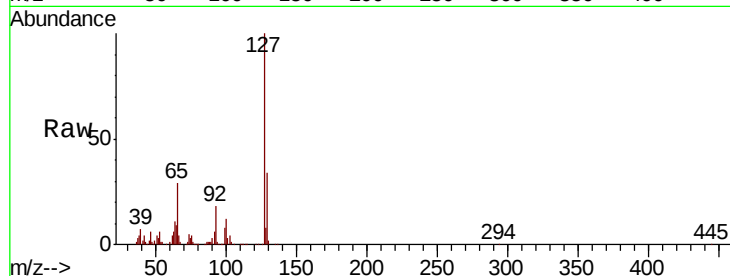




#33
4-Chloroaniline
Concen: 21.446 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

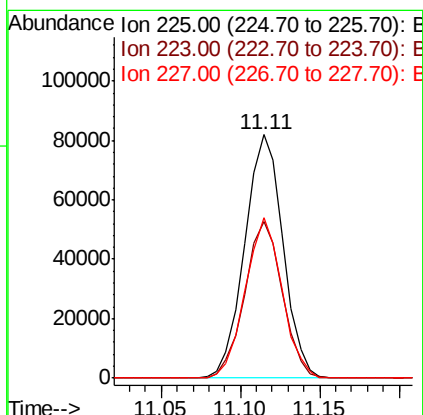
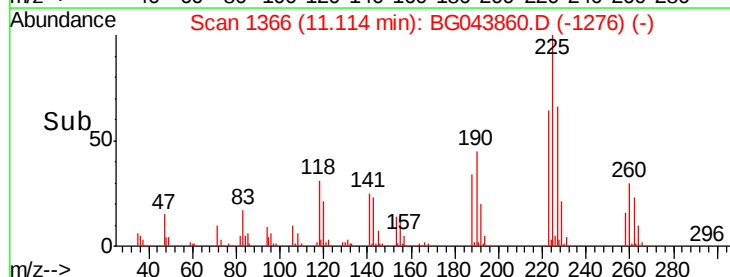
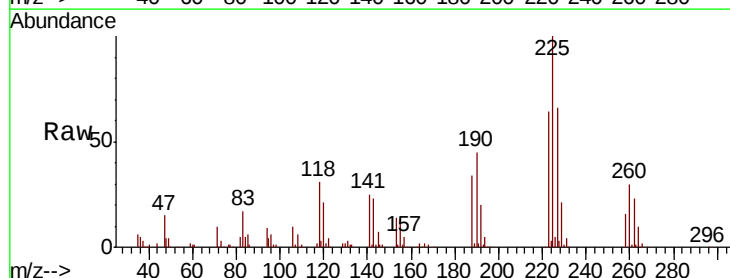
Instrument :
BNA_G
ClientSampled :

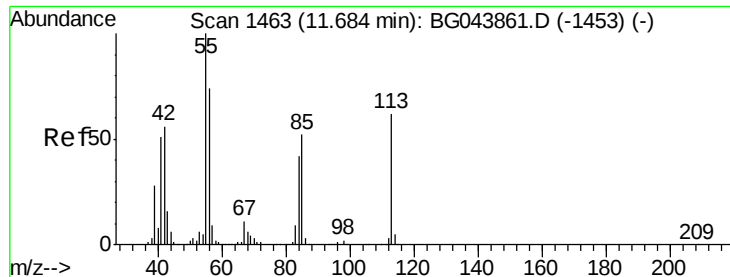
Tot Ion:127	Resp:	299234
Ion Ratio	Lower	Upper
127	100	
129	34.2	26.6 40.0
65	29.3	23.3 34.9
92	18.3	14.7 22.1



#34
Hexachlorobutadiene
Concen: 21.530 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion:225	Resp:	137004
Ion Ratio	Lower	Upper
225	100	
223	64.2	52.2 78.4
227	65.8	52.1 78.1





#35

Caprolactam

Concen: 21.208 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

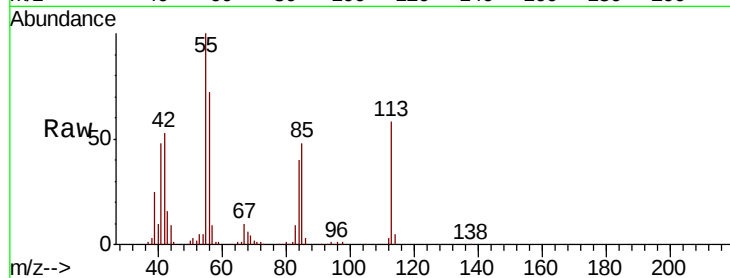
Tot Ion:113 Resp: 74628

Ion Ratio Lower Upper

113 100

55 171.5 142.5 182.5

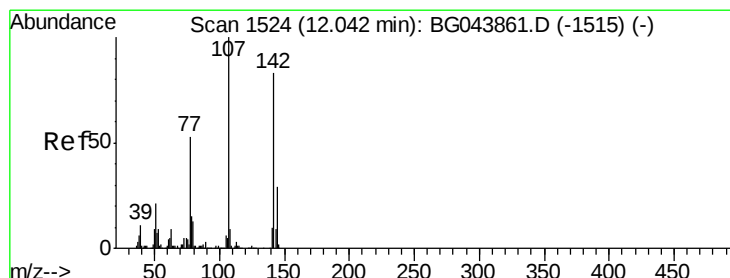
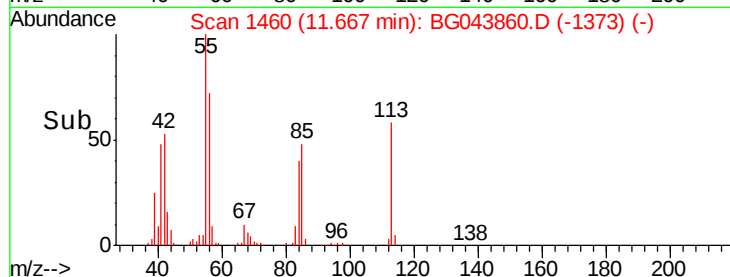
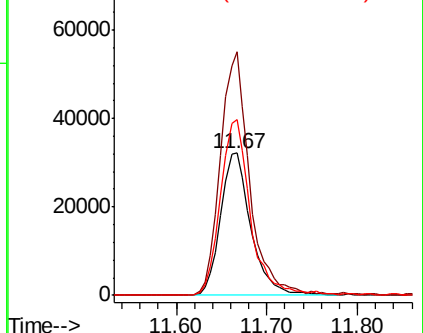
56 123.4 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043860.D (-1453) (-)

Ion 56.00 (55.70 to 56.70): BG043860.D (-1453) (-)



#36

4-Chloro-3-methylphenol

Concen: 21.057 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

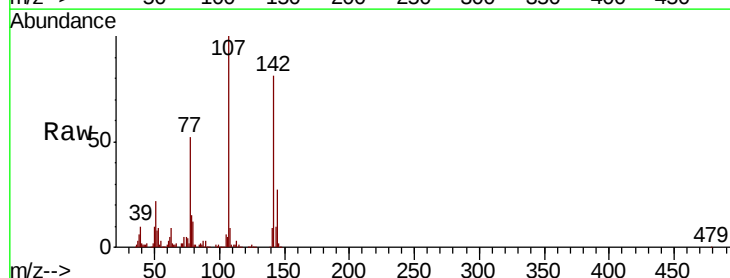
Tgt Ion:107 Resp: 213647

Ion Ratio Lower Upper

107 100

144 27.4 23.4 35.2

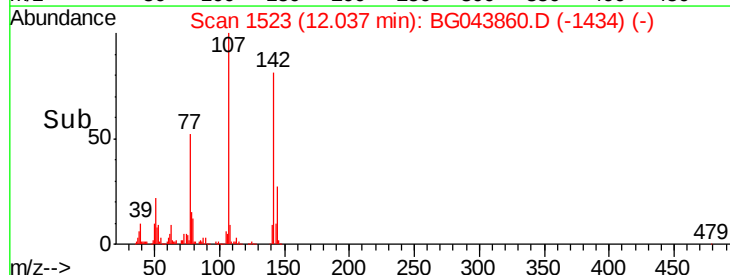
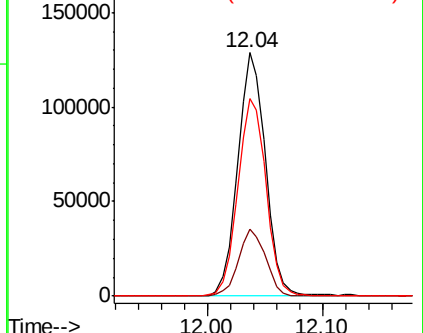
142 81.2 66.3 99.5

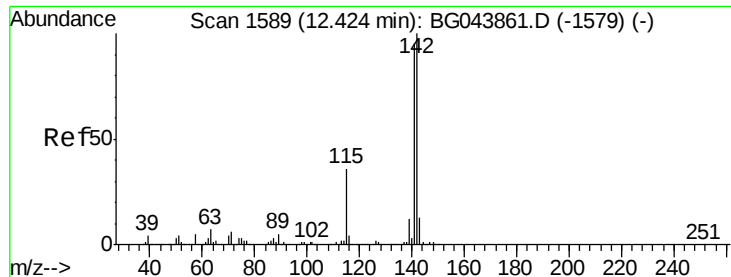


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

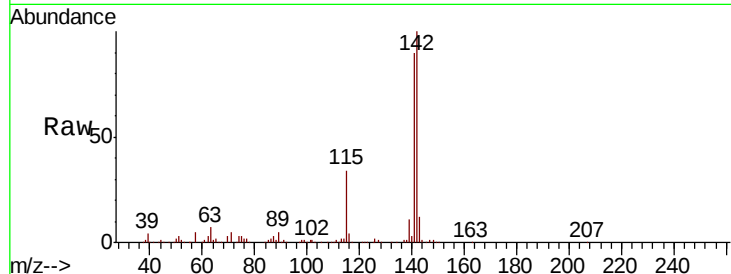




#37
2-Methylnaphthalene
Concen: 22.365 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	75.8	113.8
115	33.6	28.6	42.8

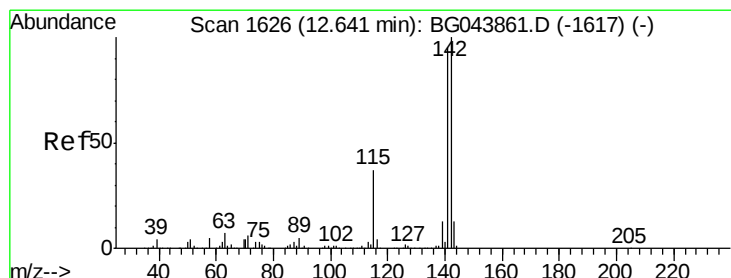
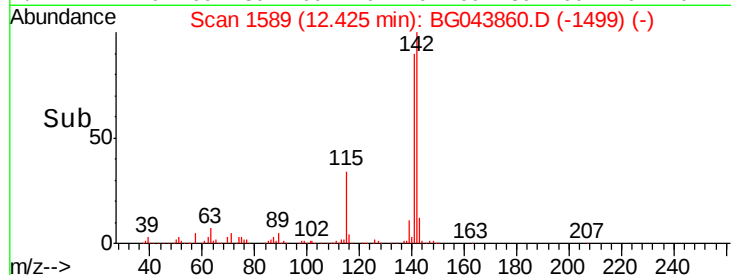
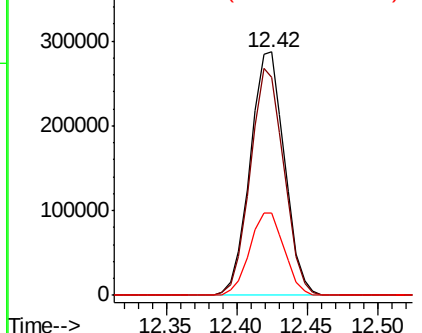


Abundance

Ion 142.00 (141.70 to 142.70): E

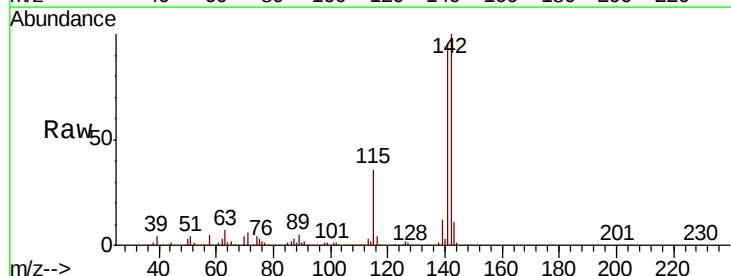
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 22.387 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.0	114.0
116	3.9	3.1	4.7

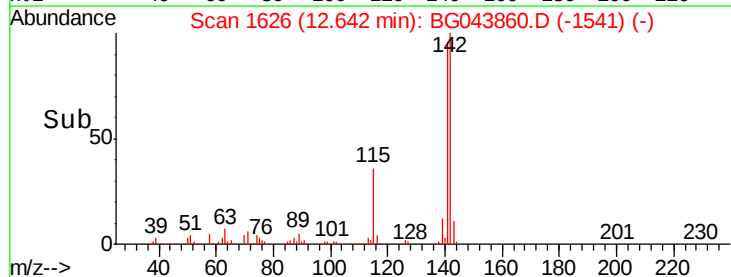
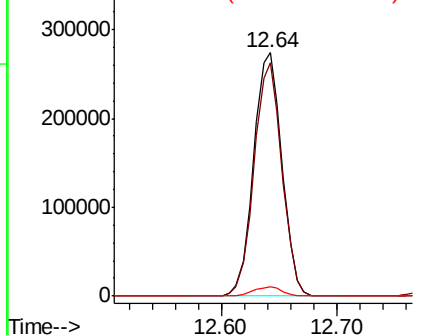


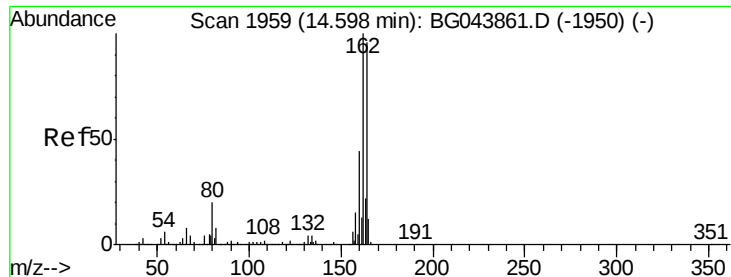
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

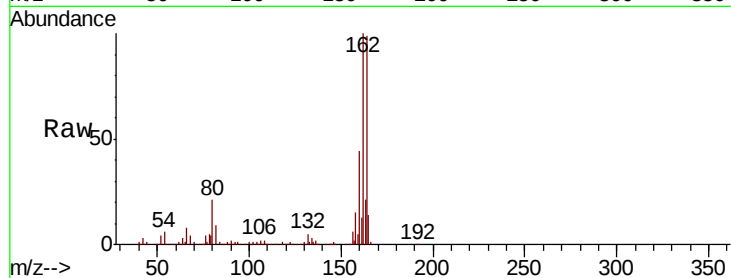
Tot Ion:164 Resp: 395519

Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.4

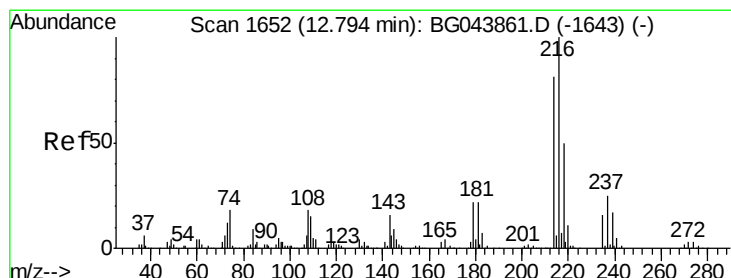
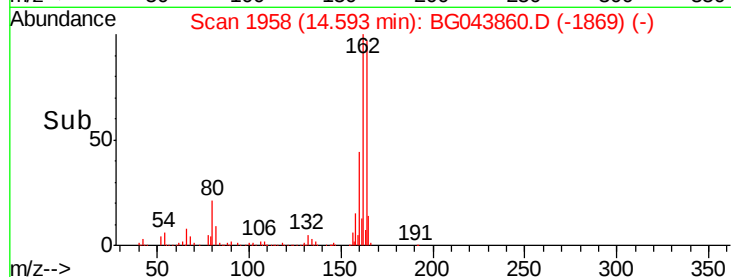
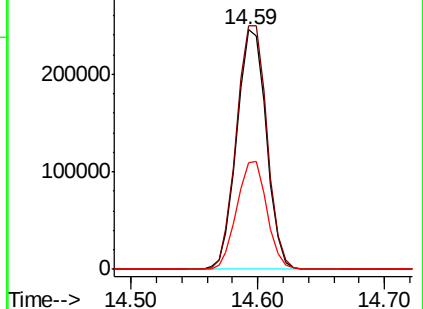
160 44.3 36.1 54.1



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: 21.440 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Tgt Ion:216 Resp: 246486

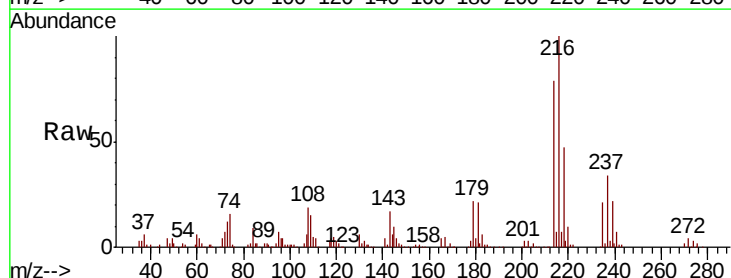
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.8

179 21.3 17.3 25.9

108 18.6 15.3 22.9

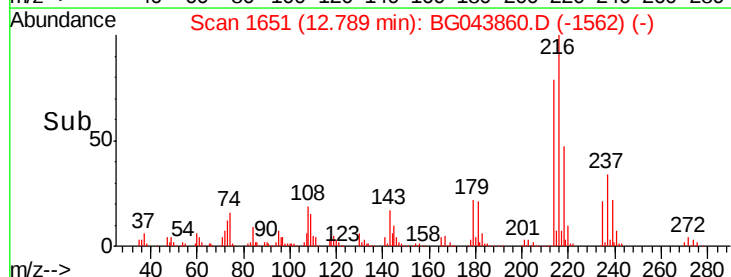
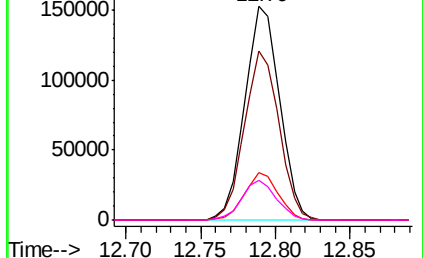


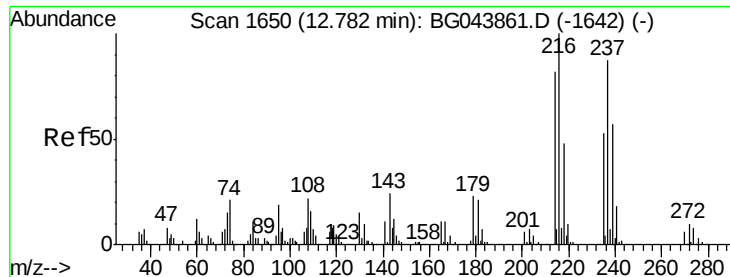
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 18.365 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampled :

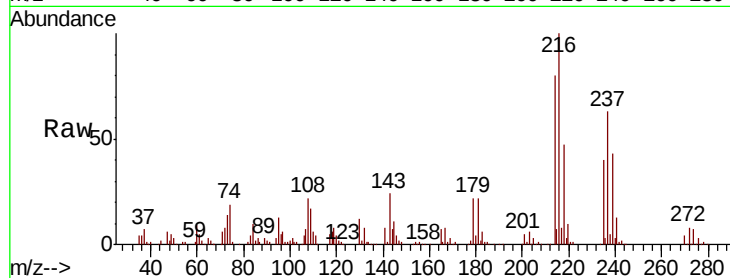
Tot Ion:237 Resp: 112737

Ion Ratio Lower Upper

237 100

235 63.0 41.1 81.1

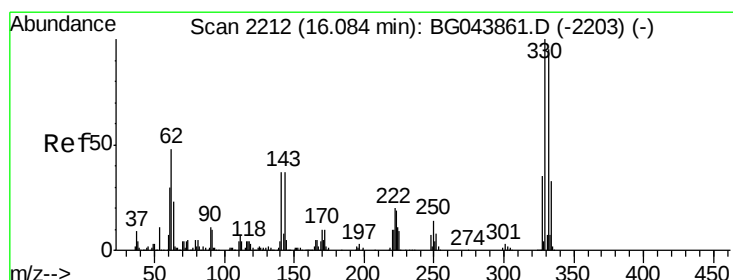
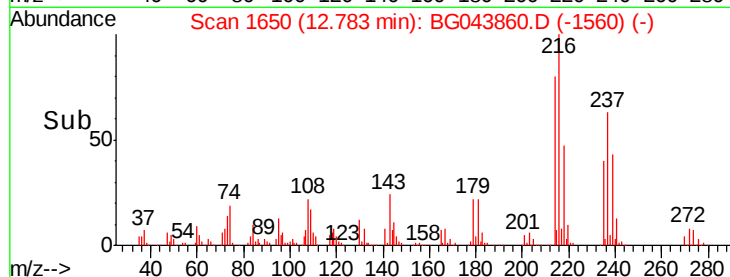
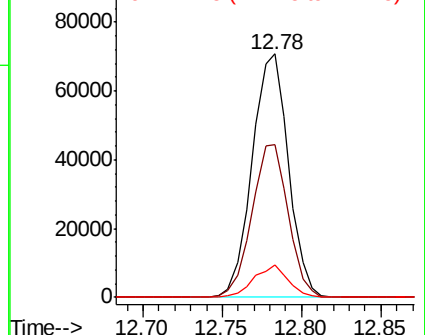
272 13.1 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 42.117 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

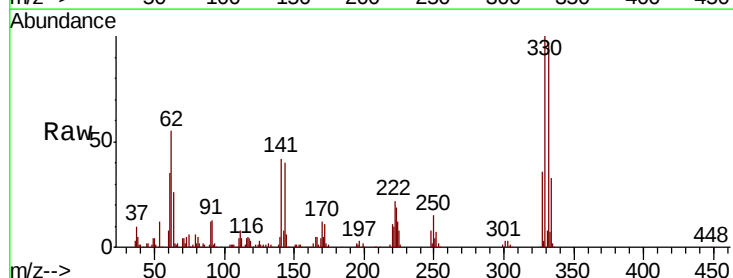
Tgt Ion:330 Resp: 175511

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

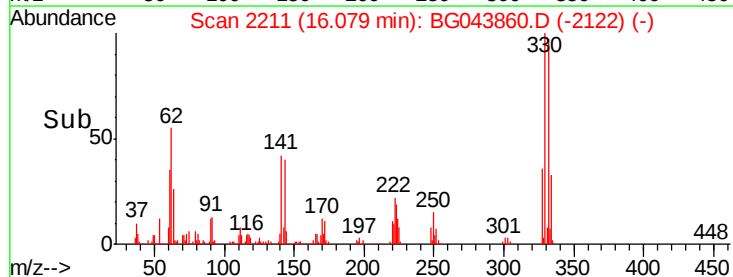
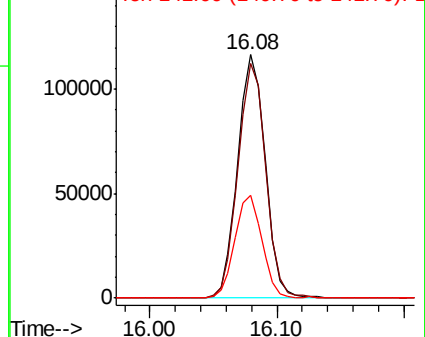
141 41.8 33.1 49.7

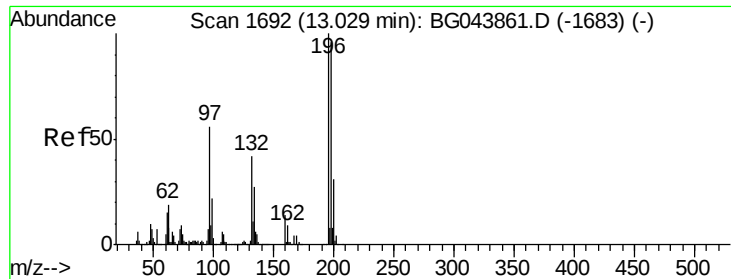


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

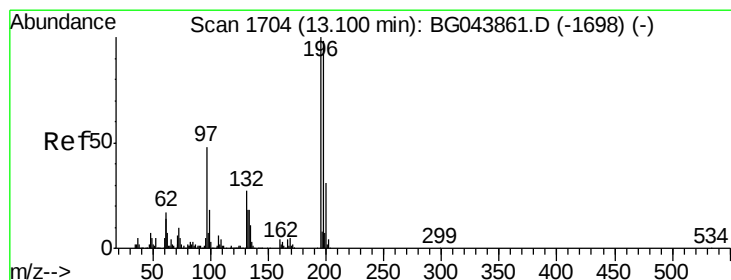
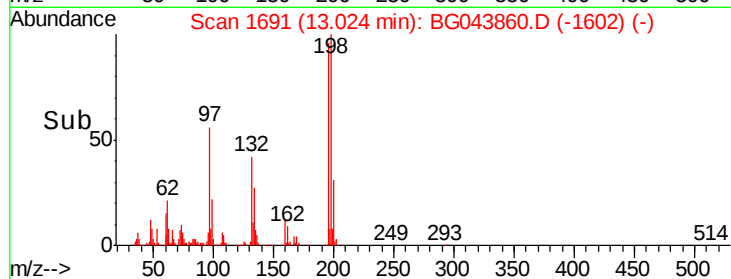
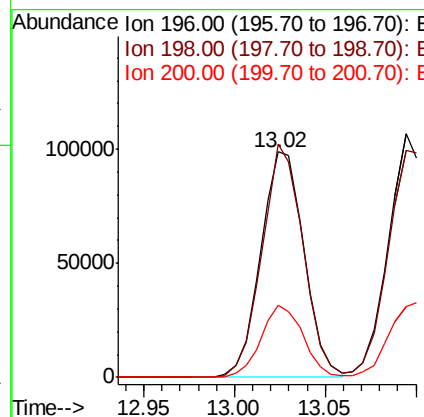
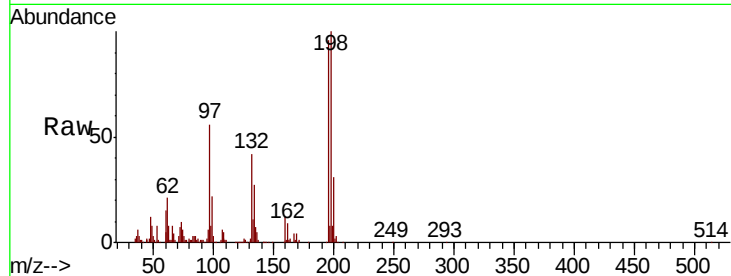




#43
 2,4,6-Trichlorophenol
 Concen: 20.599 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

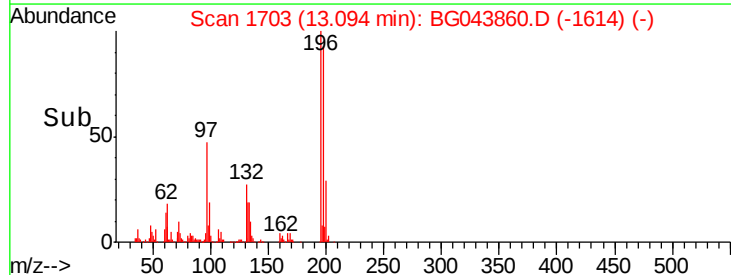
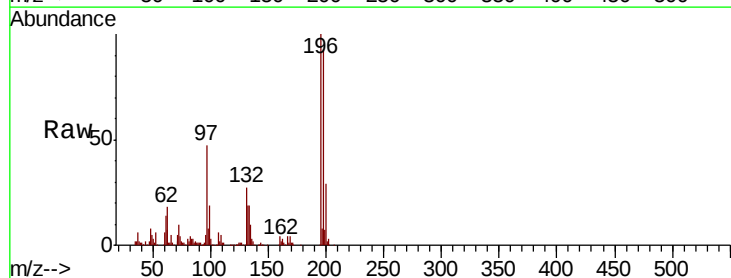
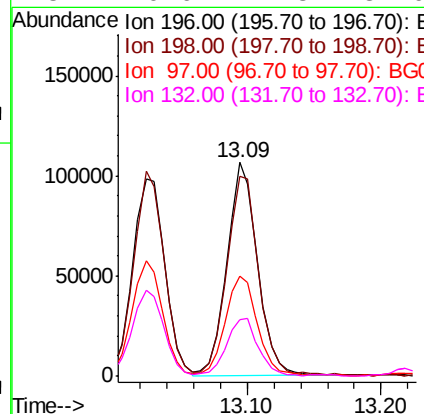
Instrument :
 BNA_G
 ClientSampleId :

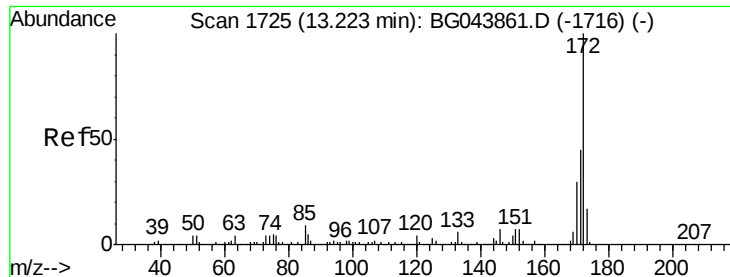
Tot Ion	Ratio	Lower	Upper
196	100		
198	103.8	76.6	115.0
200	31.9	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 20.963 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	78.3	117.5
97	46.8	38.8	58.2
132	26.6	21.3	31.9

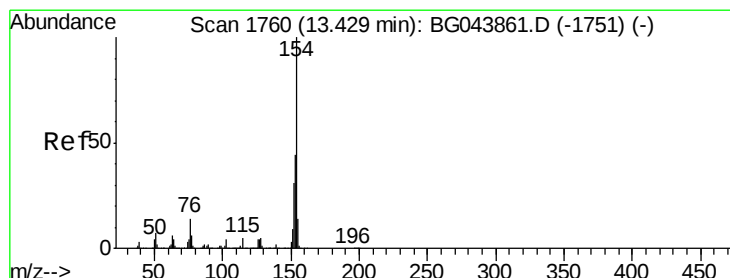
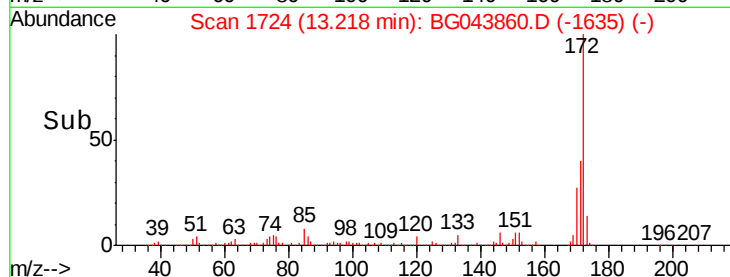
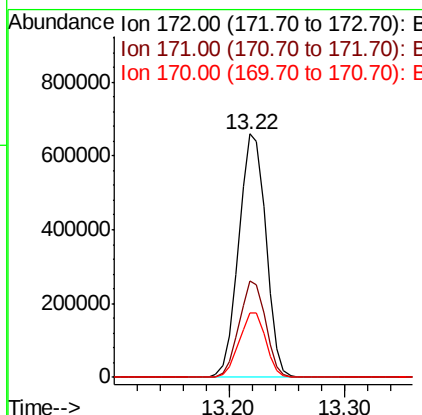
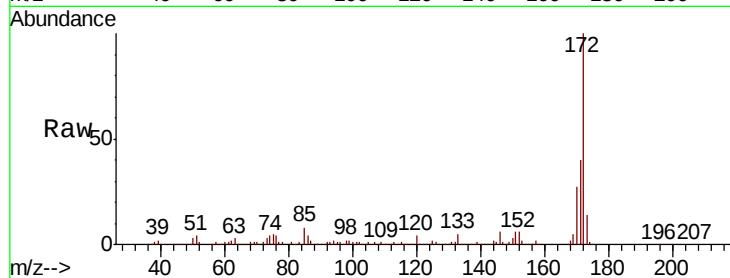




#45
2-Fluorobiphenyl
Concen: 48.320 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

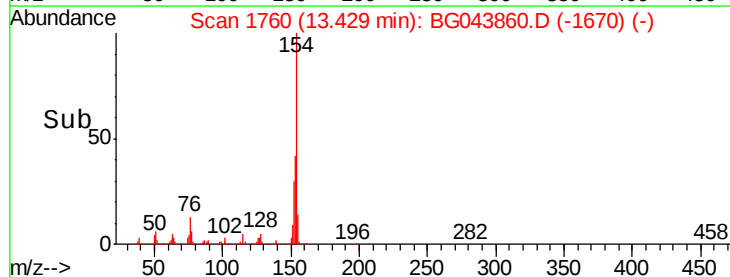
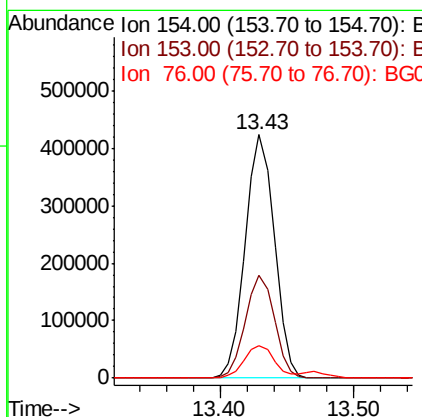
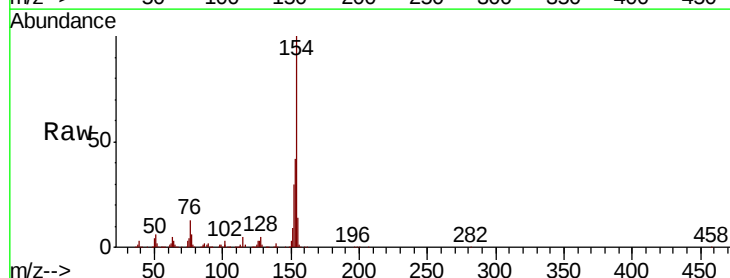
Instrument :
BNA_G
ClientSampleId :

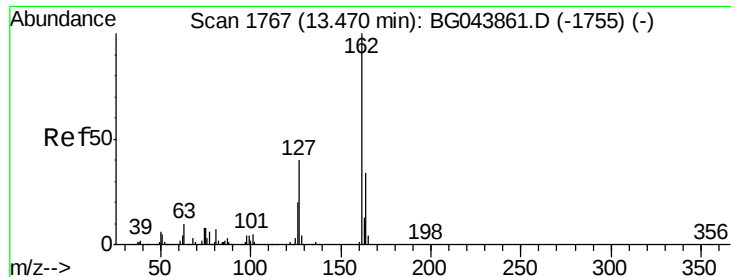
Tot Ion:172 Resp: 1070237
Ion Ratio Lower Upper
172 100
171 39.6 35.8 53.8
170 26.7 24.2 36.4



#46
1,1'-Biphenyl
Concen: 22.472 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion:154 Resp: 638094
Ion Ratio Lower Upper
154 100
153 42.2 23.6 63.6
76 13.4 0.0 34.4

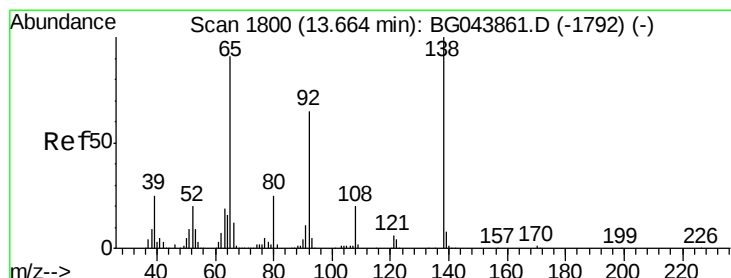
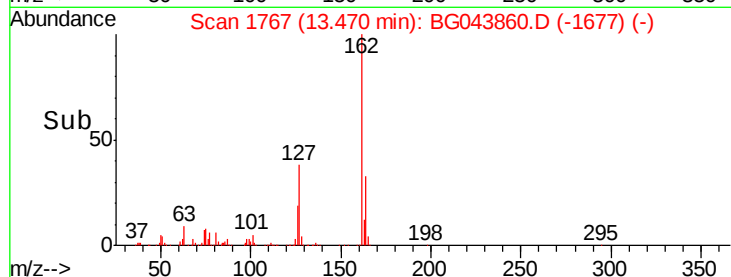
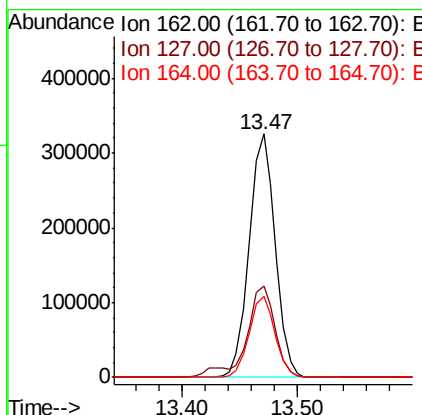
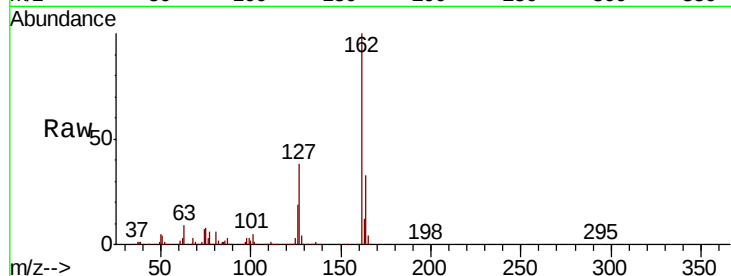




#47
2-Chloronaphthalene
Concen: 22.298 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

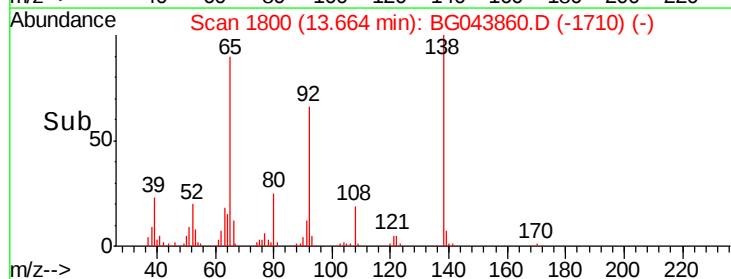
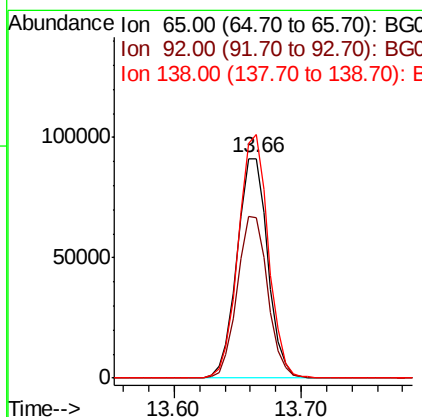
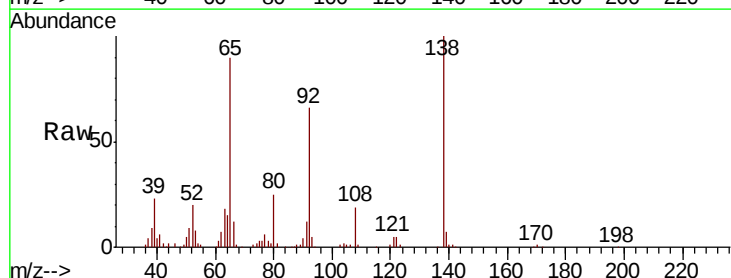
Instrument :
BNA_G
ClientSampleId :

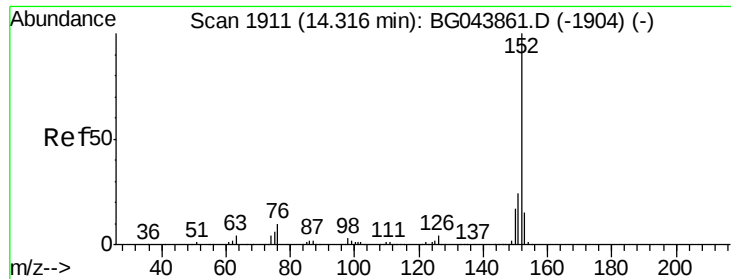
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	32.1	48.1
164	33.1	27.5	41.3



#48
2-Nitroaniline
Concen: 20.942 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.4	86.2
138	110.7	88.2	132.4





#49

Acenaphthylene

Concen: 22.950 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

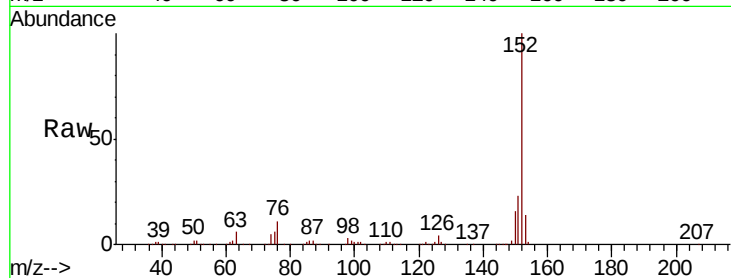
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 761706

Ion	Ratio	Lower	Upper
152	100		
151	22.5	19.4	29.2
153	14.0	12.0	18.0

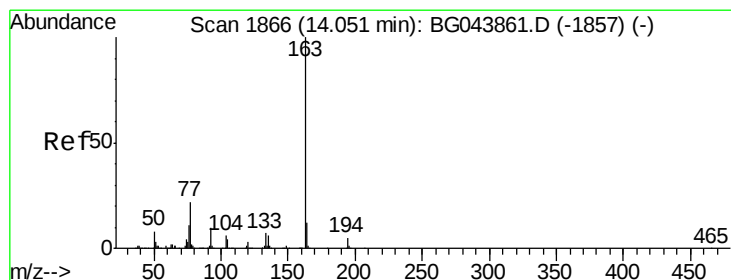
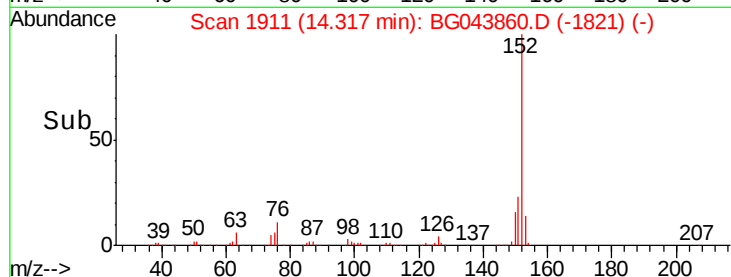
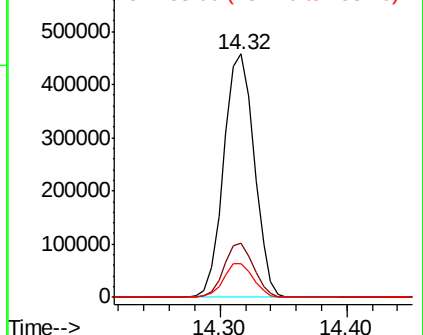


Abundance

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: 23.017 ng

RT: 14.05 min Scan# 1865

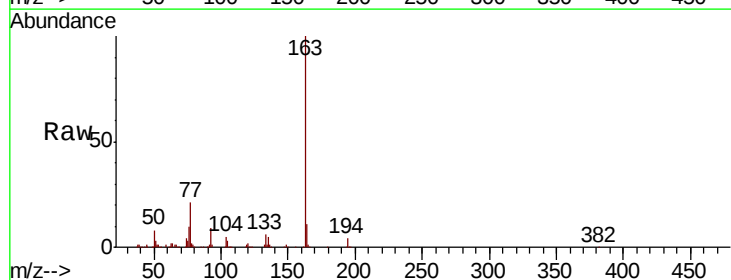
Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Tgt Ion:163 Resp: 650492

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.7	9.3	13.9

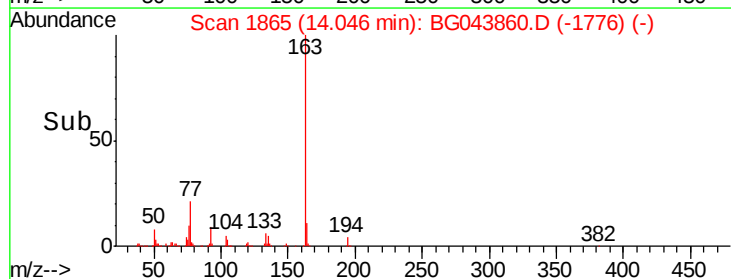
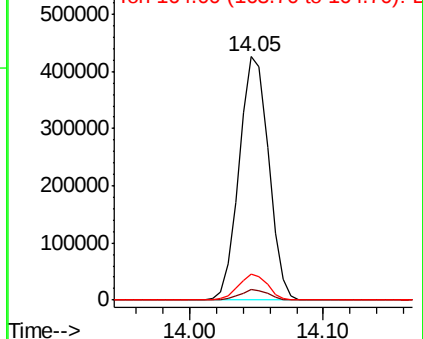


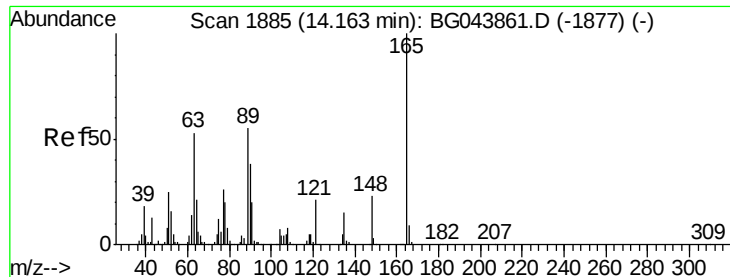
Abundance

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

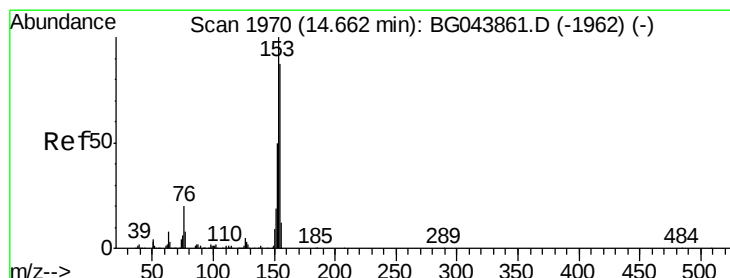
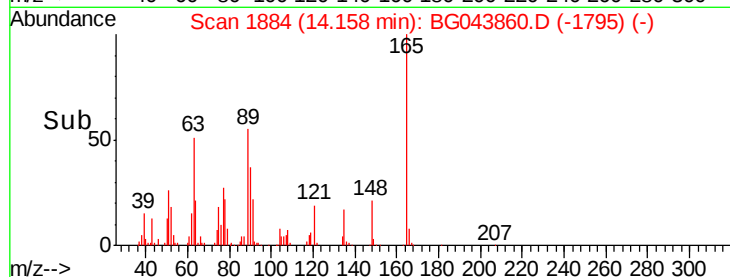
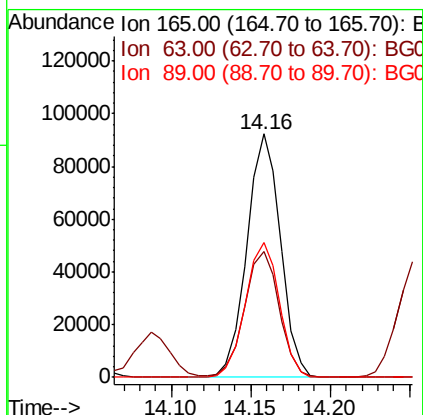
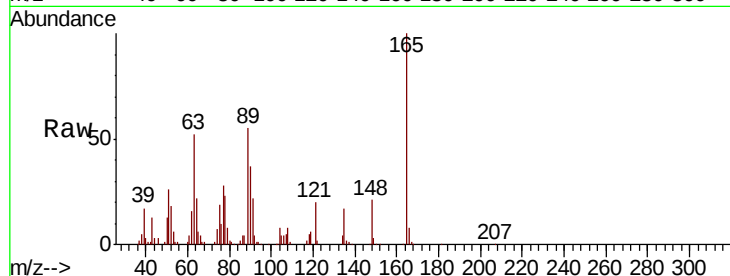




#51
2,6-Dinitrotoluene
Concen: 21.230 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

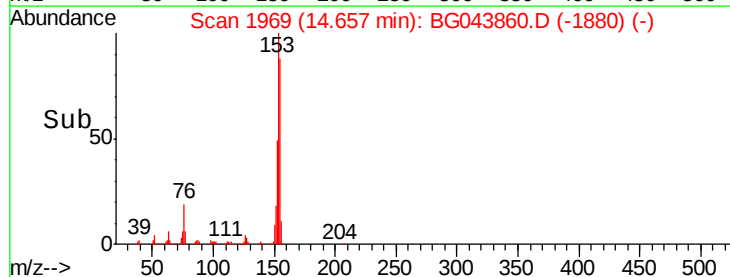
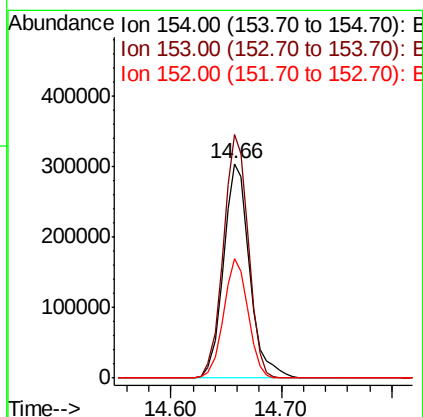
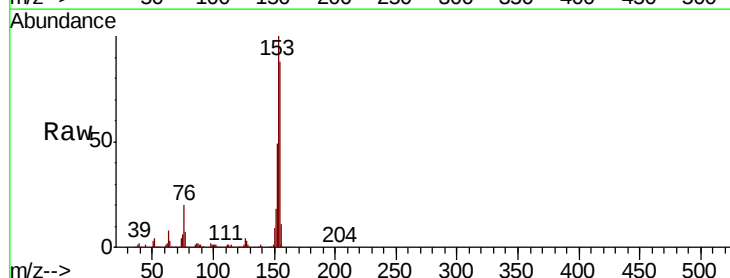
Instrument :
BNA_G
ClientSampleId :

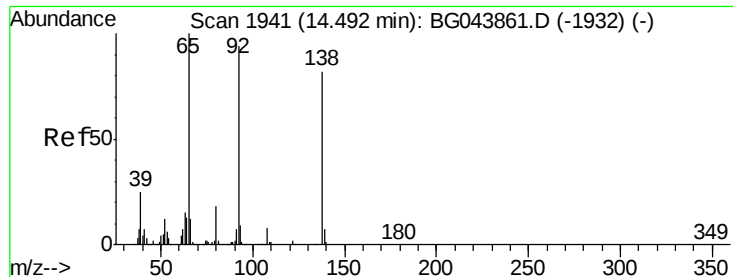
Tot Ion	165	Resp	135611
Ion Ratio	Lower	Upper	
165	100		
63	51.8	43.1	64.7
89	55.2	43.8	65.6



#52
Acenaphthene
Concen: 21.749 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	154	Resp	504311
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.6	137.4
152	55.6	45.4	68.0

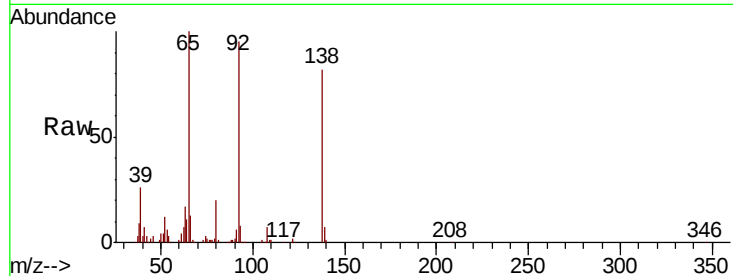




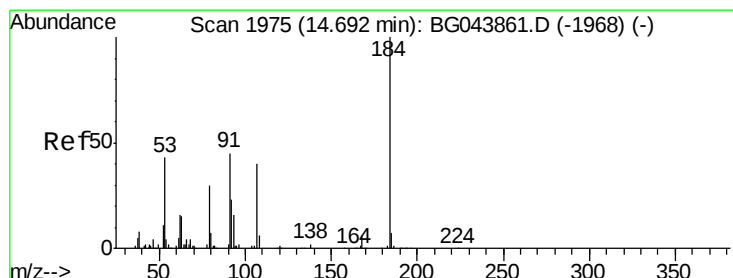
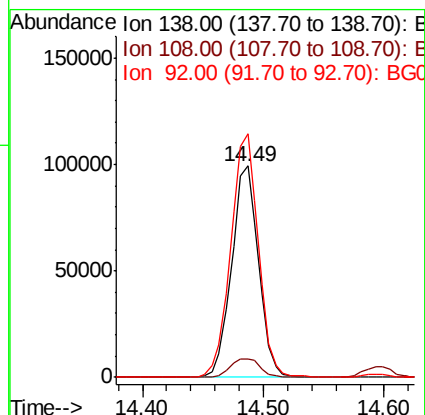
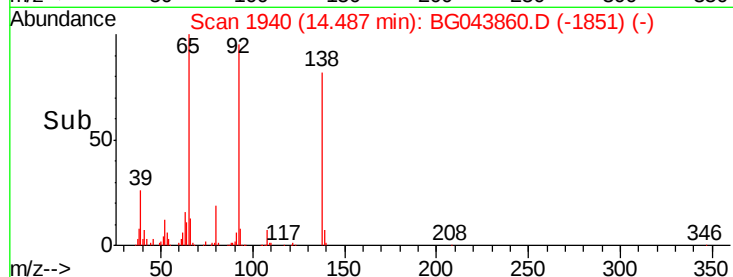
#53
 3-Nitroaniline
 Concen: 21.348 ng
 RT: 14.49 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 154192
 Ion Ratio Lower Upper
 138 100
 108 8.8 7.4 11.2
 92 115.3 92.1 138.1

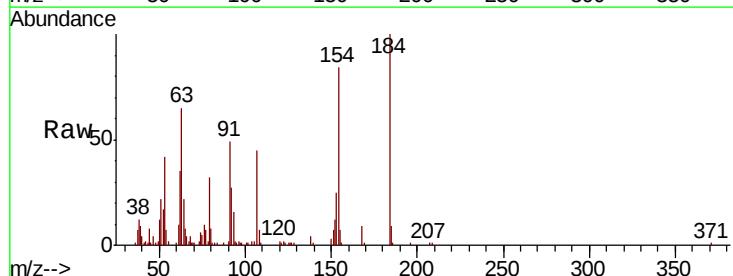


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

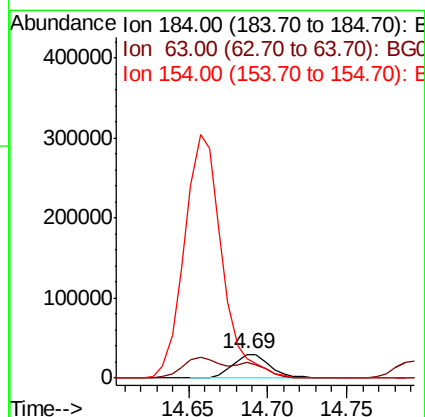
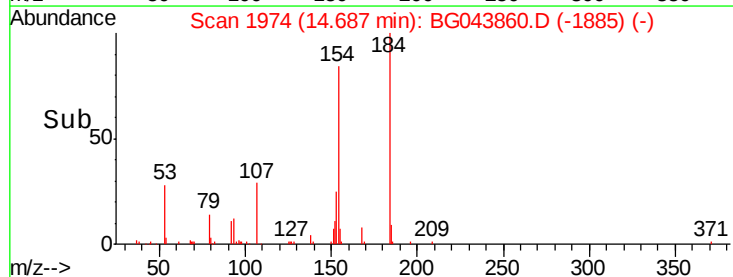


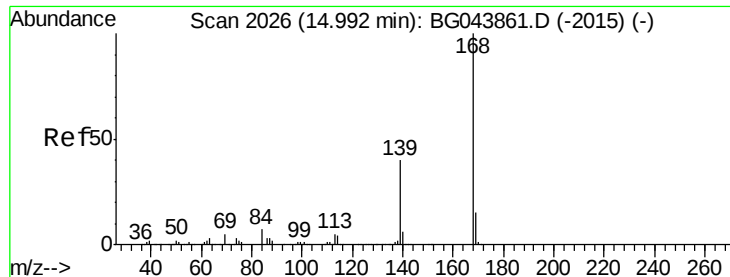
#54
 2,4-Dinitrophenol
 Concen: 17.263 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Tgt Ion:184 Resp: 48824
 Ion Ratio Lower Upper
 184 100
 63 64.6 46.6 70.0
 154 83.9 50.2 75.4#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 23.237 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampled :

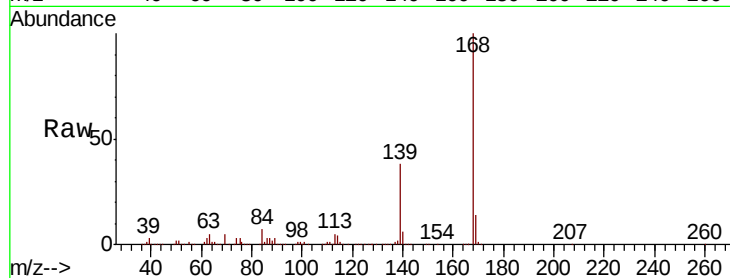
Tot Ion:168 Resp: 744417

Ion Ratio Lower Upper

168 100

139 37.8 32.2 48.2

169 14.4 12.2 18.2

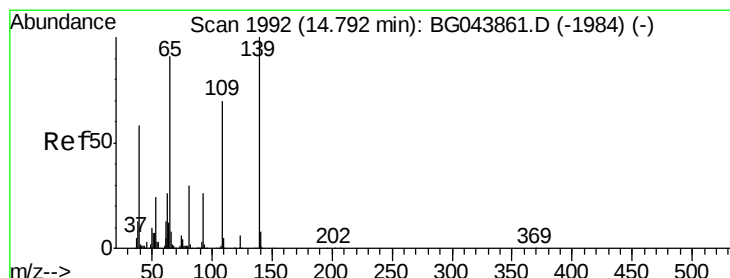
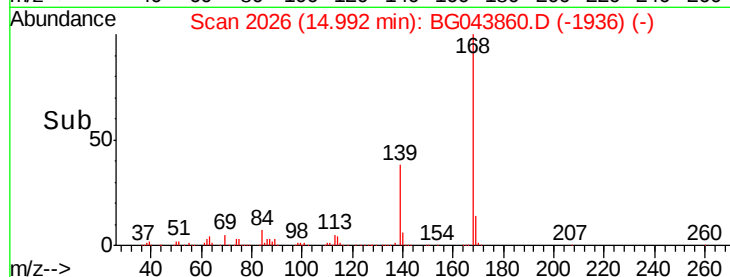
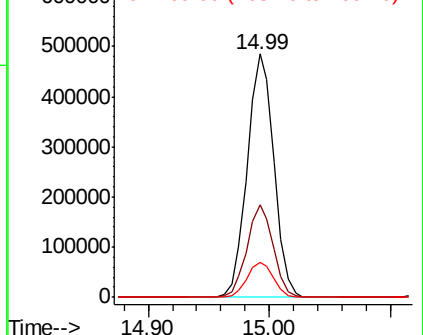


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 20.654 ng

RT: 14.79 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

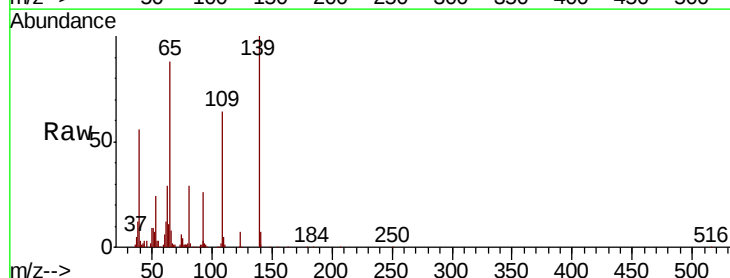
Tgt Ion:139 Resp: 114398

Ion Ratio Lower Upper

139 100

109 64.2 50.4 90.4

65 88.1 71.4 111.4

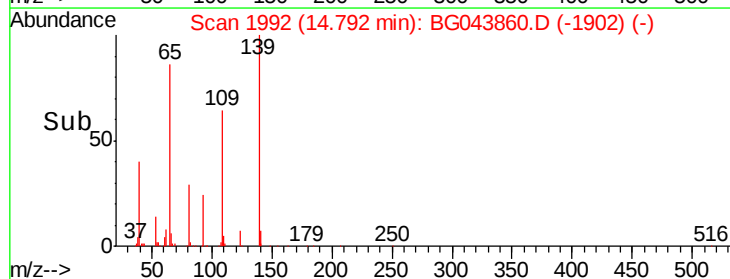
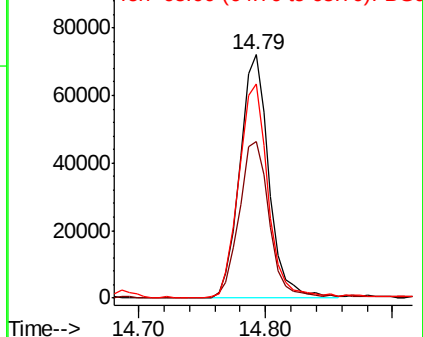


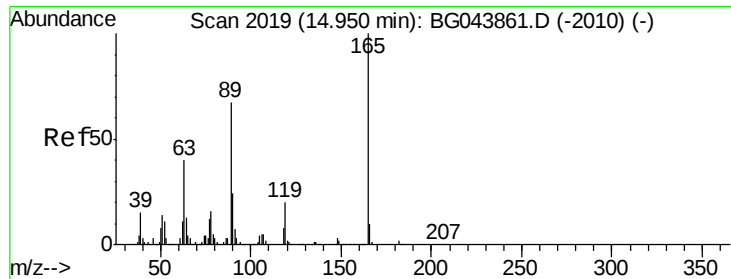
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

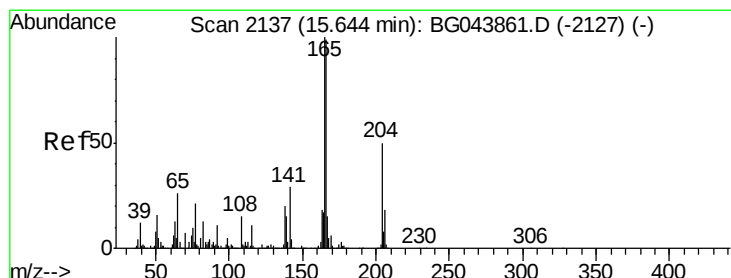
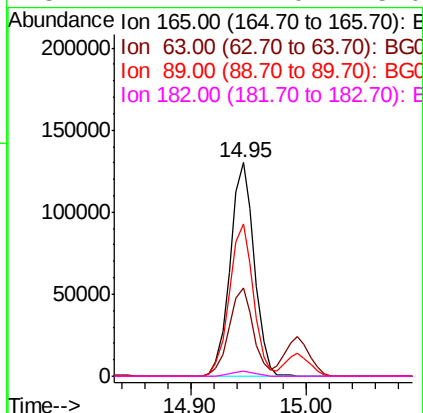
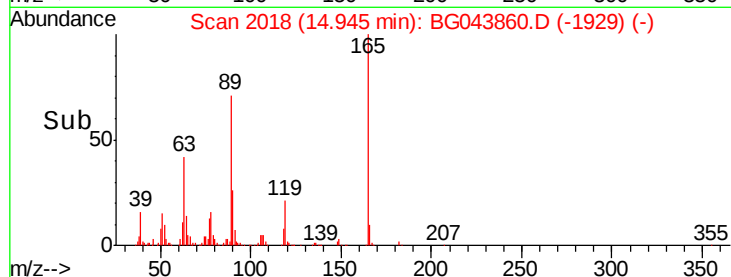
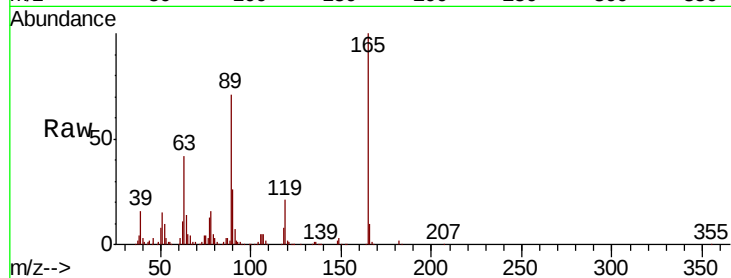




#57
2,4-Dinitrotoluene
Concen: 21.653 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

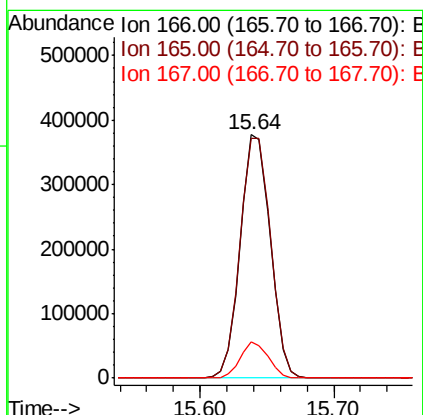
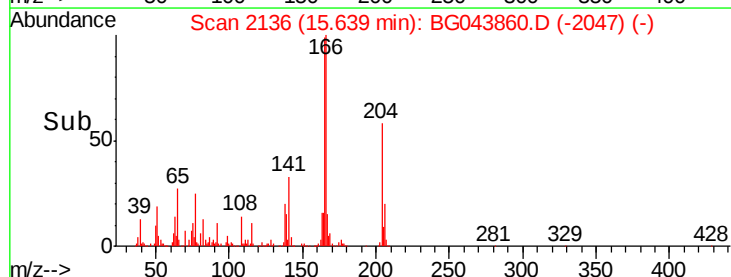
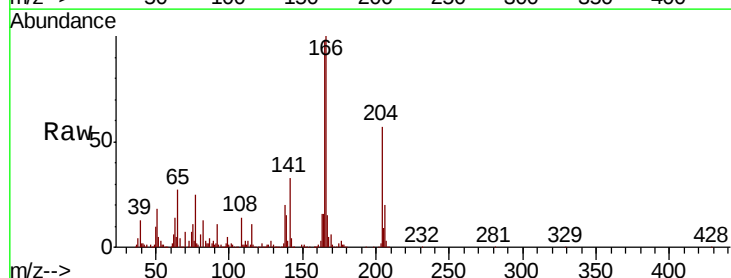
Instrument :
BNA_G
ClientSampleId :

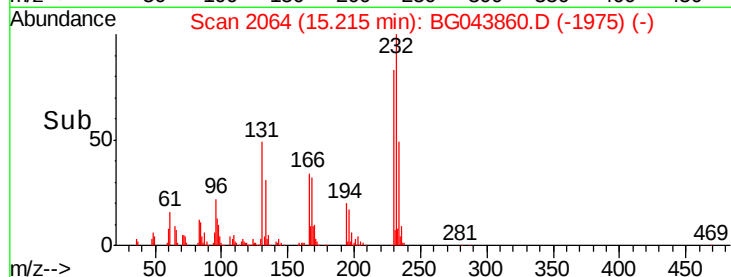
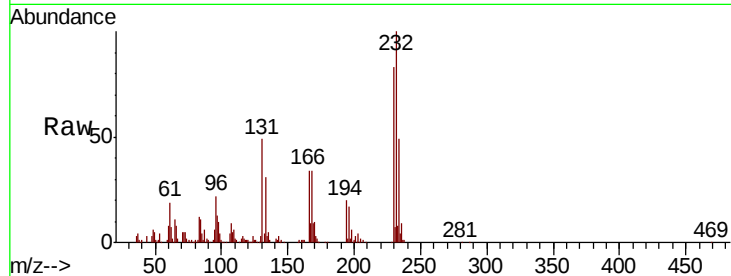
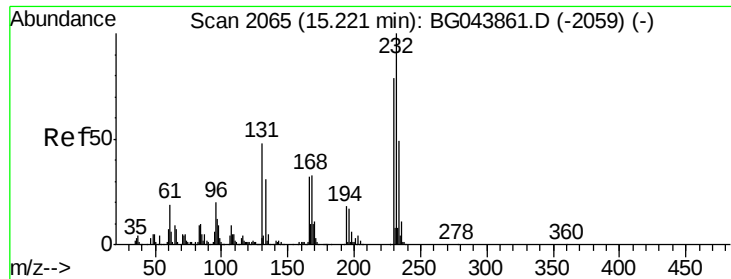
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	31.9	47.9
89	71.0	53.8	80.6
182	2.4	2.0	3.0



#58
Fluorene
Concen: 23.027 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.8	121.2
167	14.7	12.1	18.1

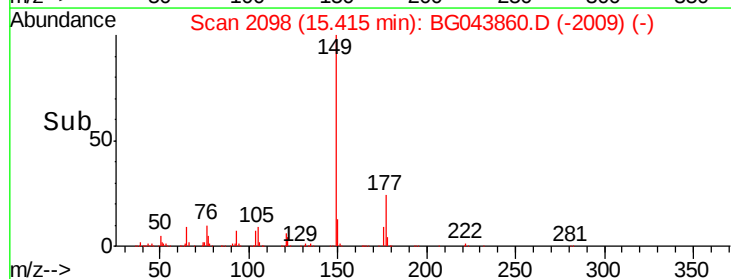
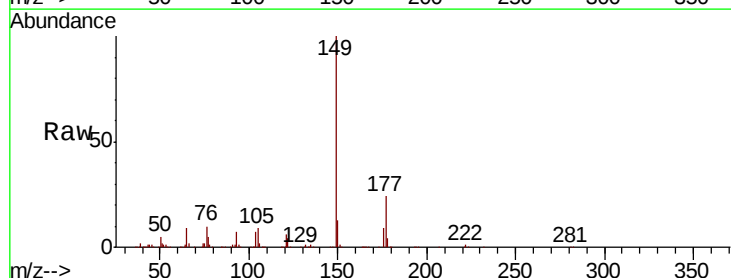
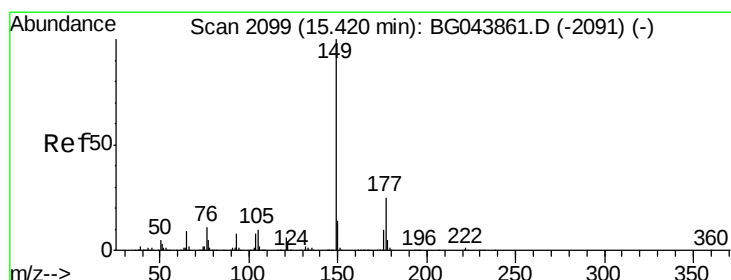
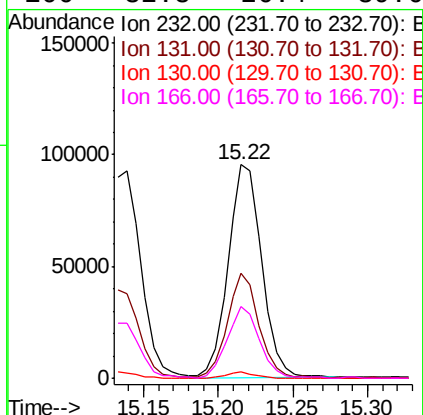




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.010 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

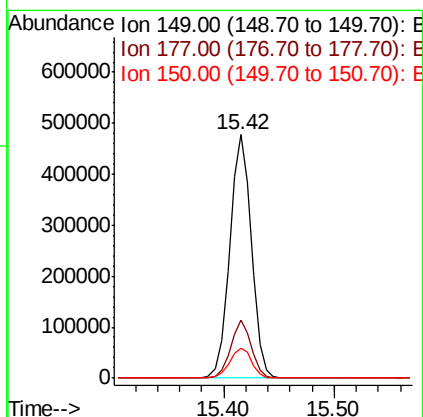
Instrument :
BNA_G
ClientSampleId :

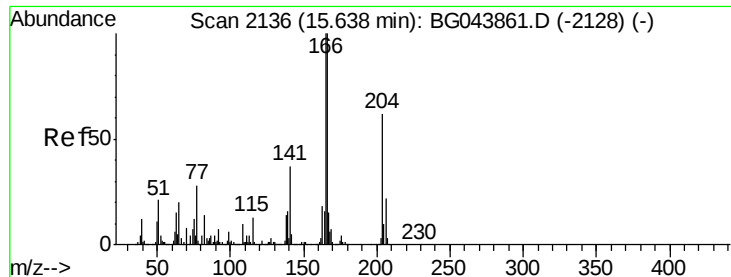
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	38.2	57.2
130	2.6	2.2	3.2
166	32.8	26.4	39.6



#60
Diethylphthalate
Concen: 23.105 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.0	30.0
150	12.5	11.1	16.7

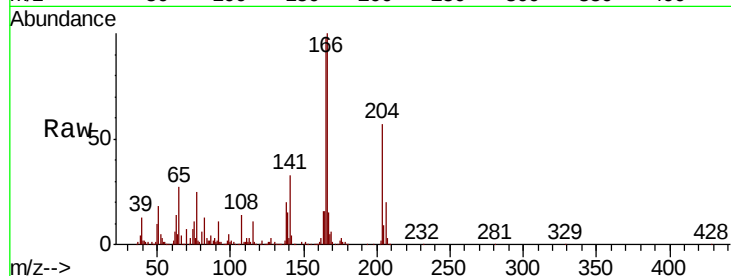




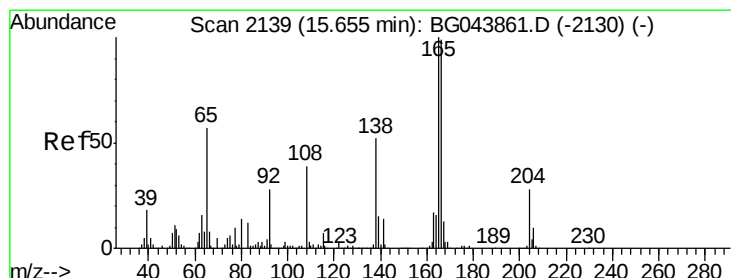
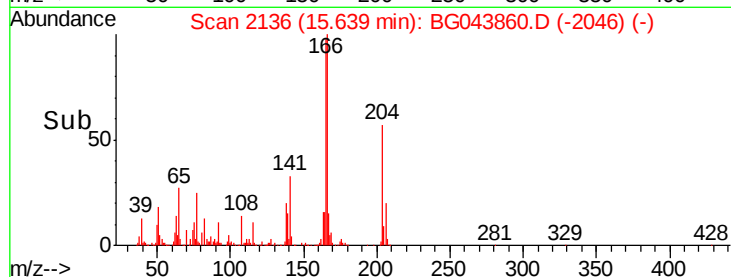
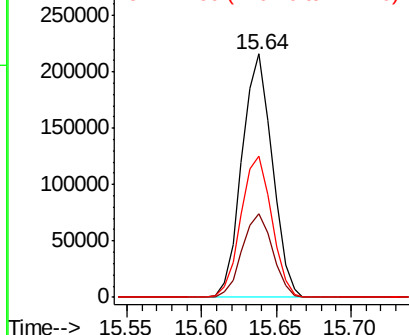
#61
4-Chlorophenyl-phenylether
Concen: 22.247 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 303934
Ion Ratio Lower Upper
204 100
206 34.4 28.2 42.2
141 57.9 48.2 72.2

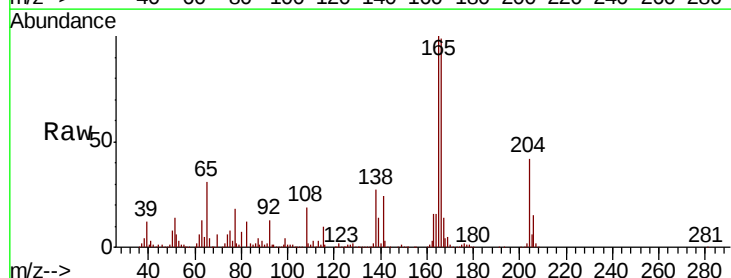


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

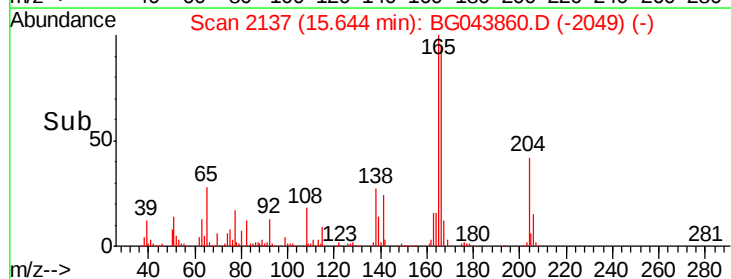
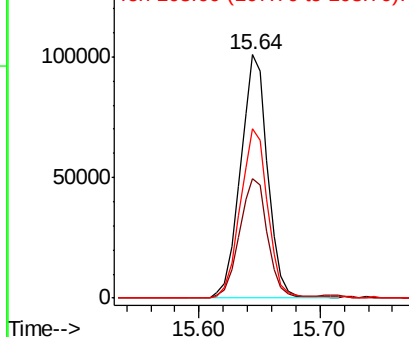


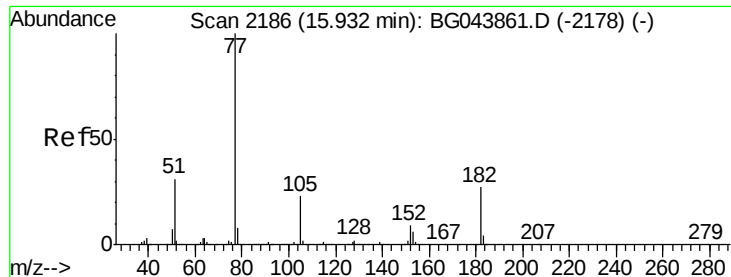
#62
4-Nitroaniline
Concen: 22.266 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion:138 Resp: 157729
Ion Ratio Lower Upper
138 100
92 49.1 34.3 74.3
108 69.8 55.0 95.0



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





#63

Azobenzene

Concen: 22.797 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 597667

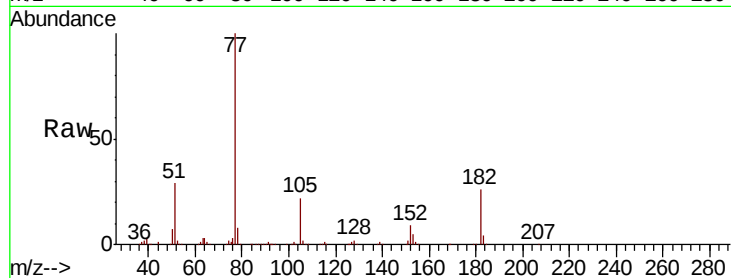
Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.3	47.3
105	22.1	3.2	43.2
51	29.5	10.6	50.6

77 100

182 25.6 7.3 47.3

105 22.1 3.2 43.2

51 29.5 10.6 50.6

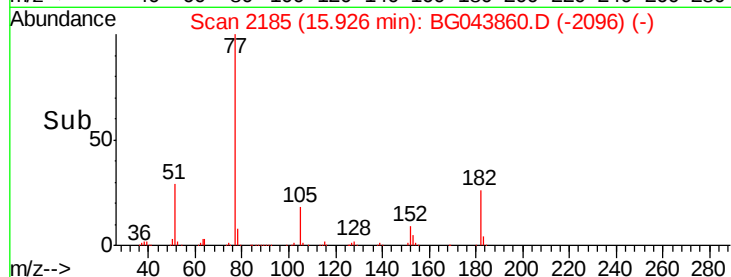


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

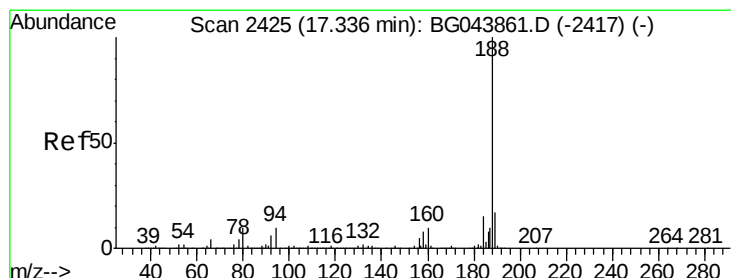
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->

15.85 15.90 15.95 16.00



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

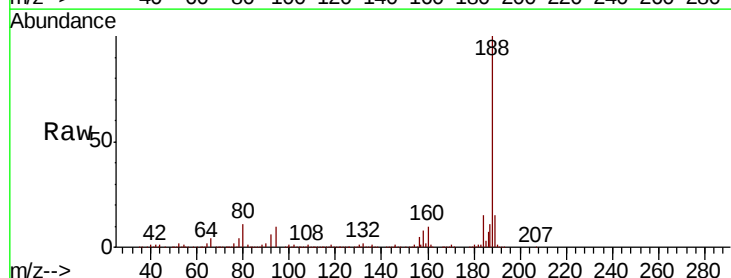
Tgt Ion: 188 Resp: 818436

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	11.2	8.2	12.4

188 100

94 9.5 7.9 11.9

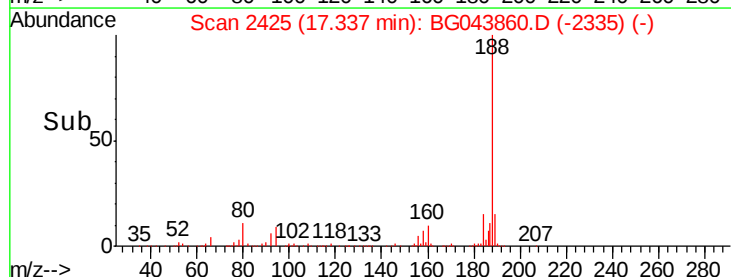
80 11.2 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): BGC

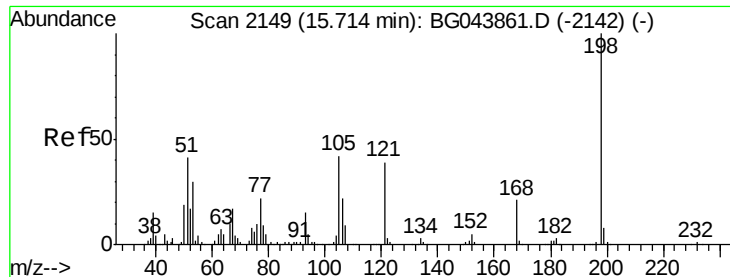
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

17.30 17.40



#65

4,6-Dinitro-2-methylphenol

Concen: 18.524 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

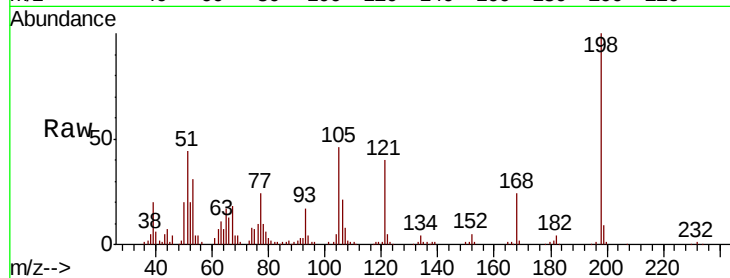
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 71961

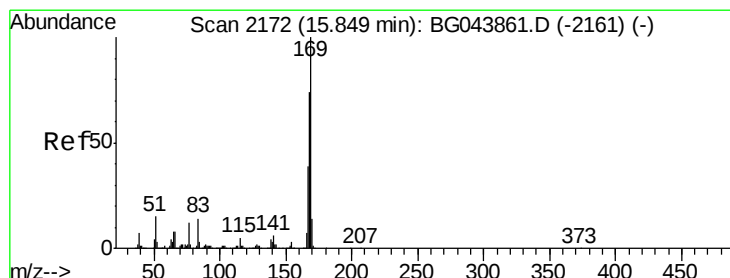
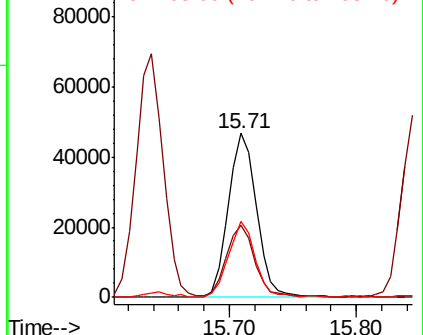
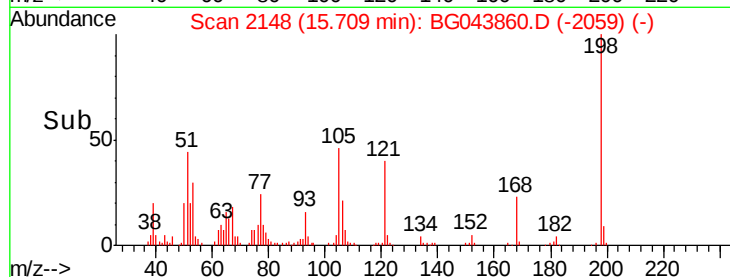
Ion	Ratio	Lower	Upper
198	100		
51	44.3	22.5	62.5
105	46.3	22.3	62.3



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: 21.983 ng

RT: 15.84 min Scan# 2171

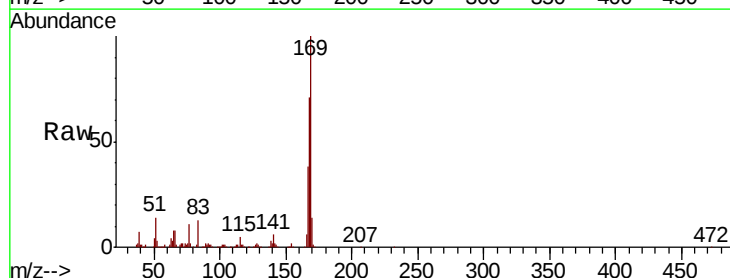
Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Tgt Ion:169 Resp: 529030

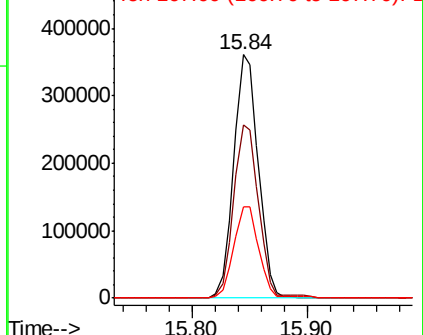
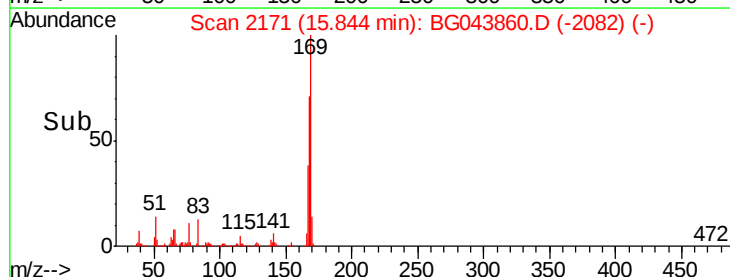
Ion	Ratio	Lower	Upper
169	100		
168	71.2	59.0	88.6
167	37.6	31.4	47.0

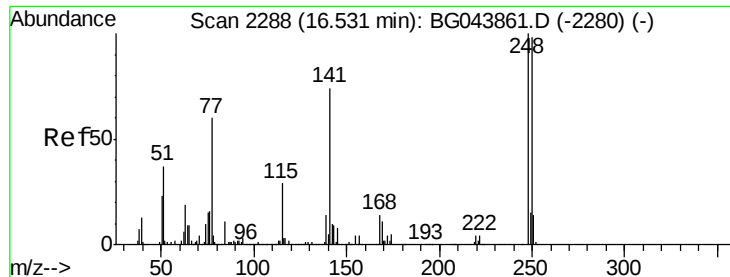


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

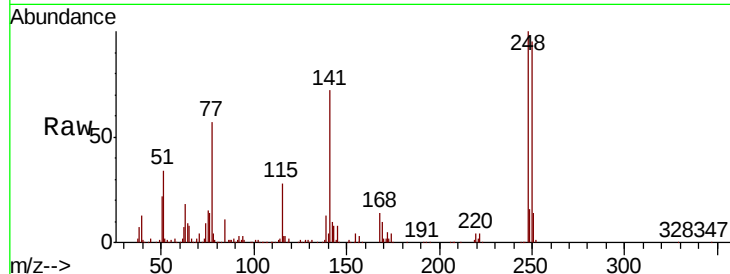




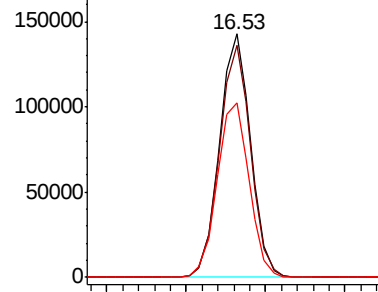
#67
4-Bromophenyl-phenylether
Concen: 21.185 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Instrument :
BNA_G
ClientSampleId :

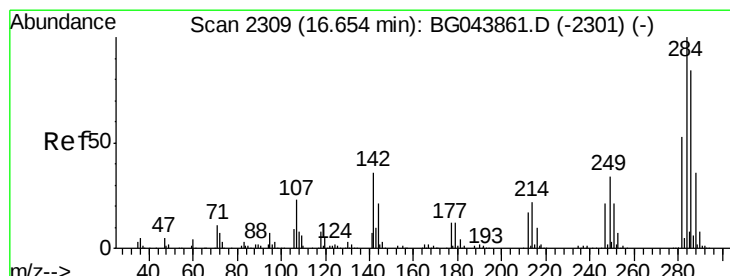
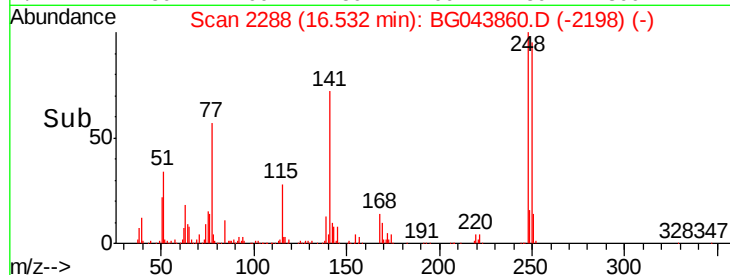
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.2	117.2
141	71.6	59.3	88.9



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

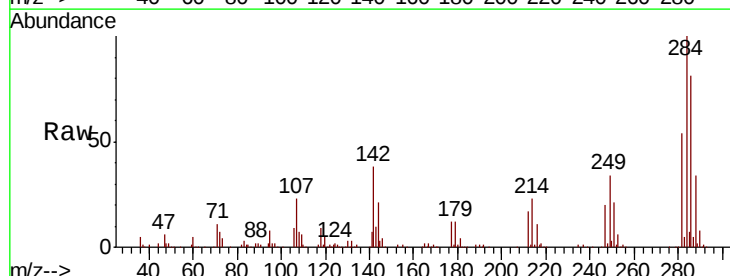


Time--> 16.45 16.50 16.55 16.60

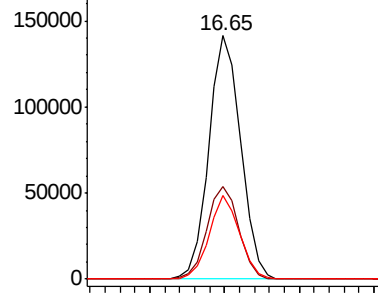


#68
Hexachlorobenzene
Concen: 21.181 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

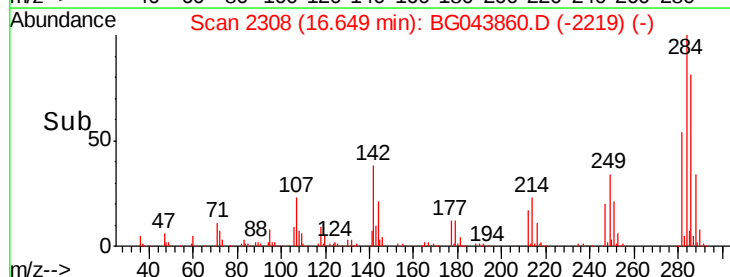
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.8	28.6	43.0
249	34.2	27.0	40.6

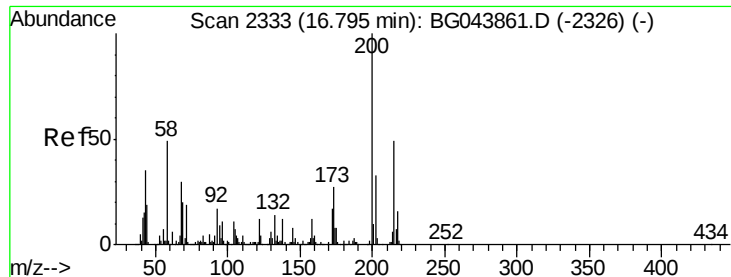


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time--> 16.60 16.65 16.70





#69

Atrazine

Concen: 22.868 ng

RT: 16.80 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

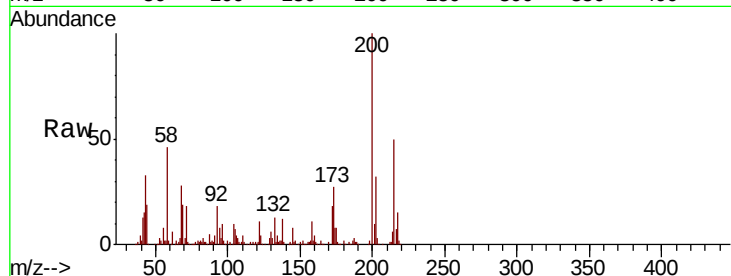
Tot Ion:200 Resp: 180475

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

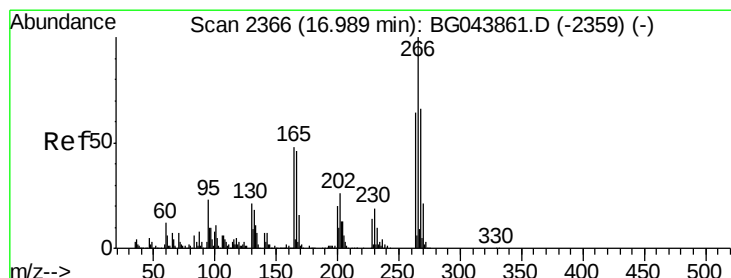
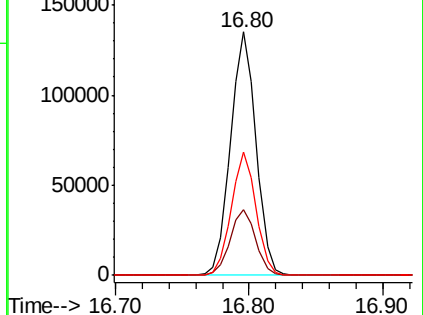
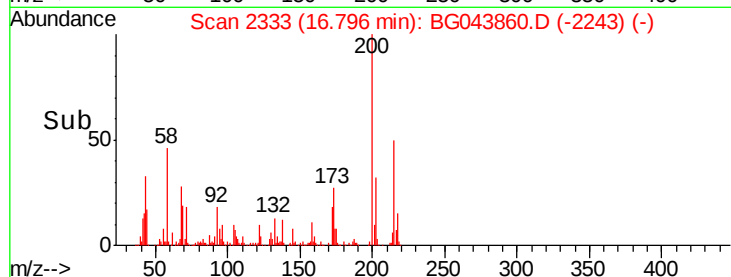
215 50.4 28.6 68.6



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: 19.200 ng

RT: 16.99 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

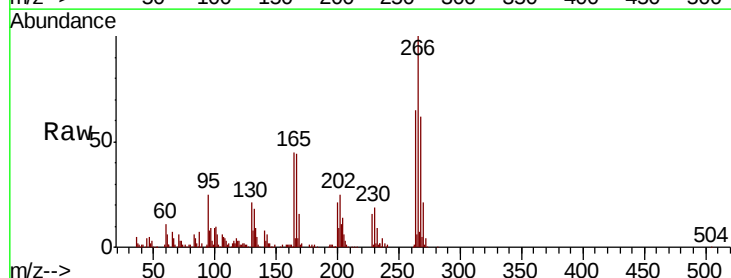
Tgt Ion:266 Resp: 104005

Ion Ratio Lower Upper

266 100

268 62.2 52.6 79.0

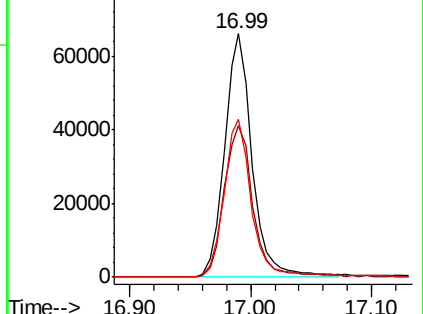
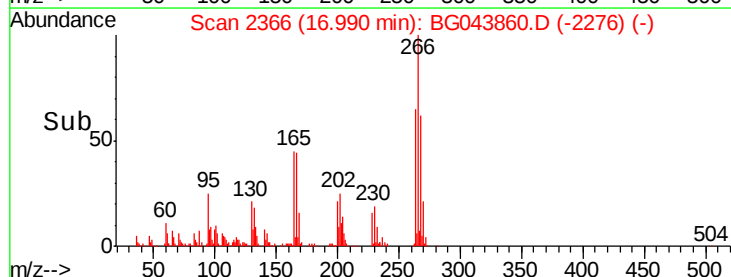
264 65.0 50.8 76.2

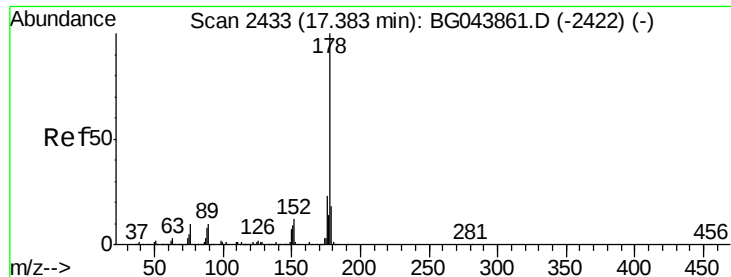


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

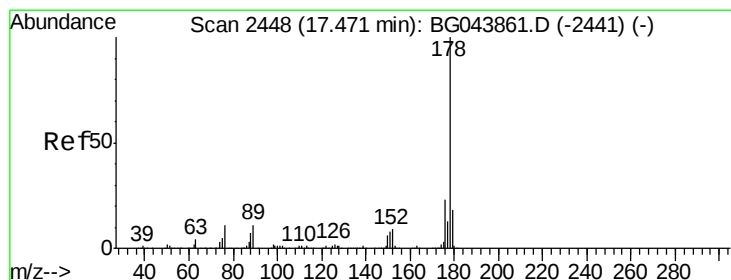
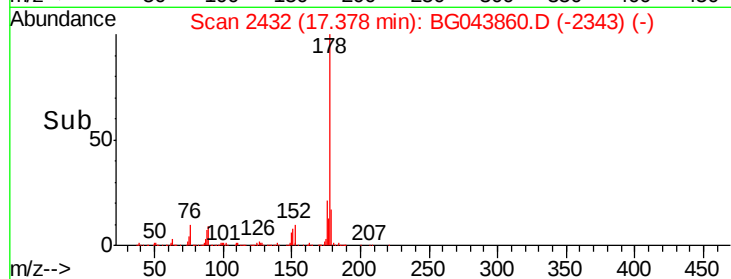
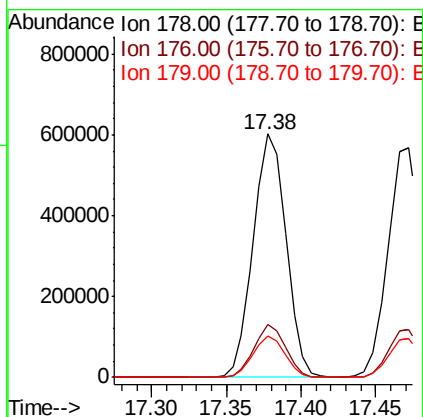
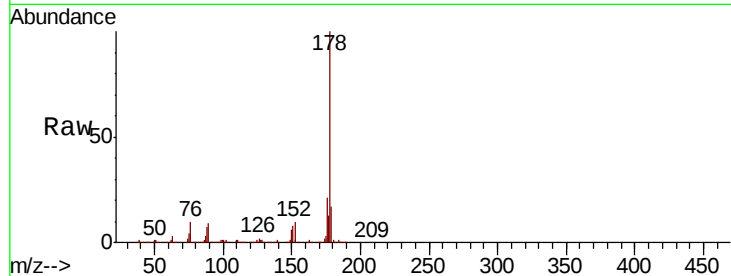




#71
Phenanthrene
Concen: 23.369 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

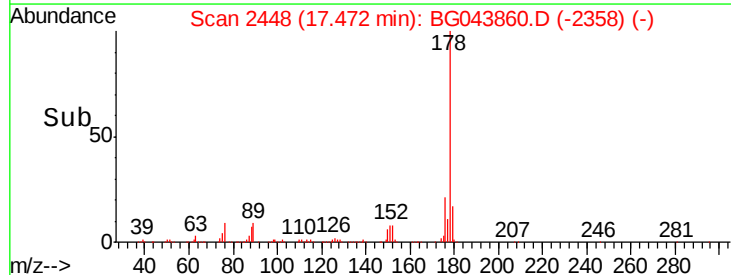
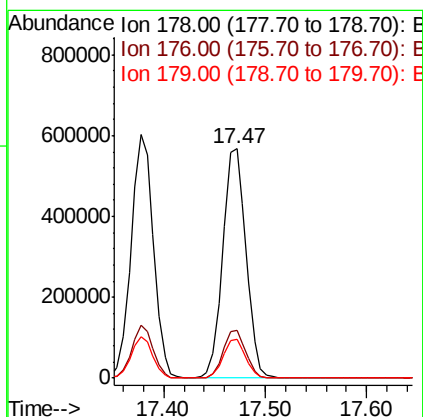
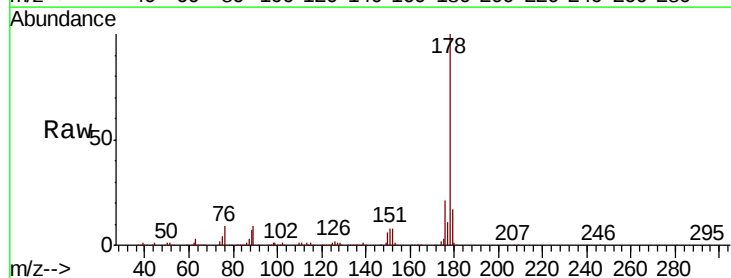
Instrument :
BNA_G
ClientSampleId :

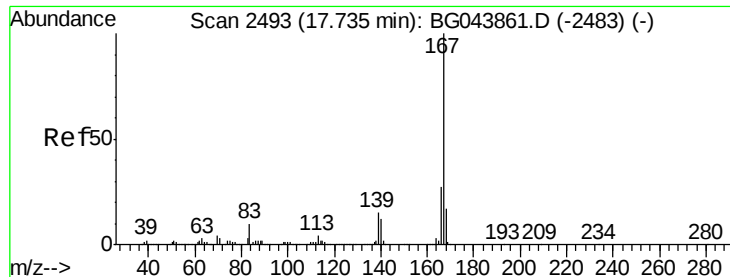
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	18.6	28.0
179	17.1	14.4	21.6



#72
Anthracene
Concen: 23.182 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	18.3	27.5
179	17.0	14.6	22.0

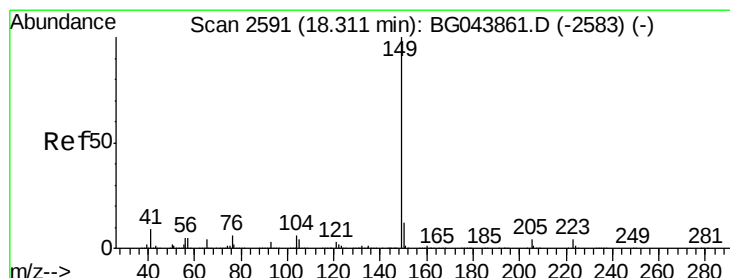
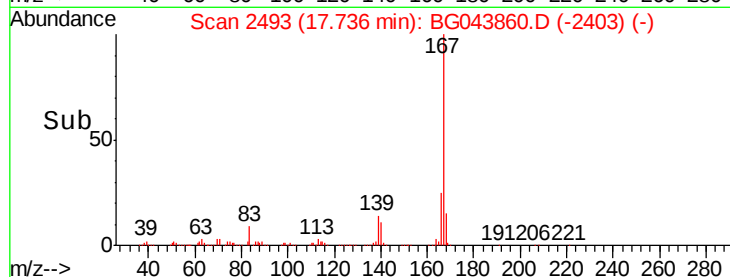
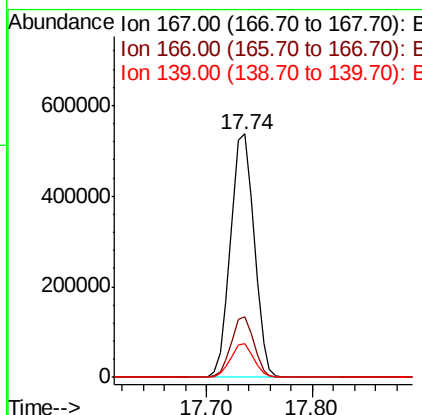
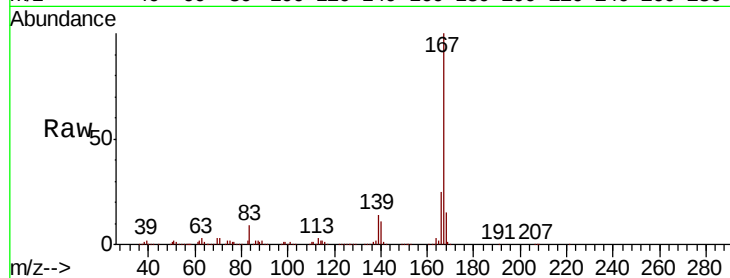




#73
 Carbazole
 Concen: 23.351 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

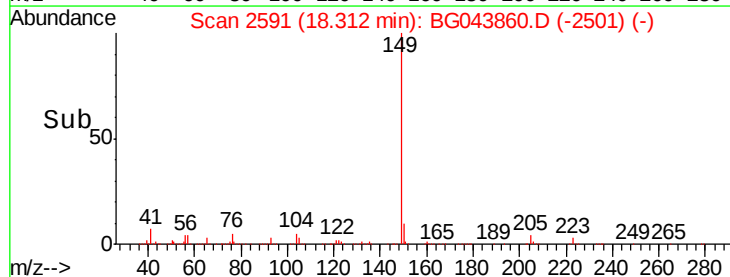
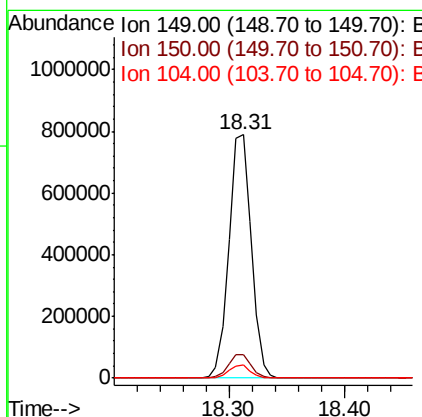
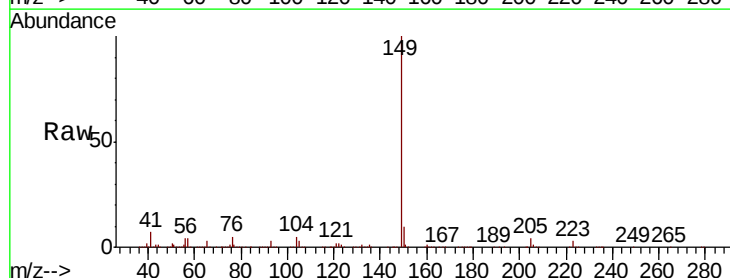
Instrument :
 BNA_G
 ClientSampleId :

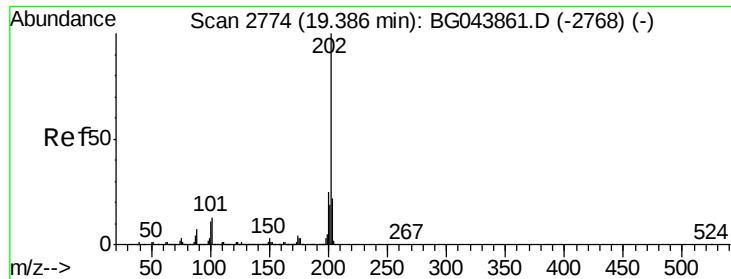
Tot Ion:167 Resp: 830320
 Ion Ratio Lower Upper
 167 100
 166 24.8 21.6 32.4
 139 13.7 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 24.693 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Tgt Ion:149 Resp: 1055973
 Ion Ratio Lower Upper
 149 100
 150 9.8 9.7 14.5
 104 5.2 5.0 7.4





#75

Fluoranthene

Concen: 24.257 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

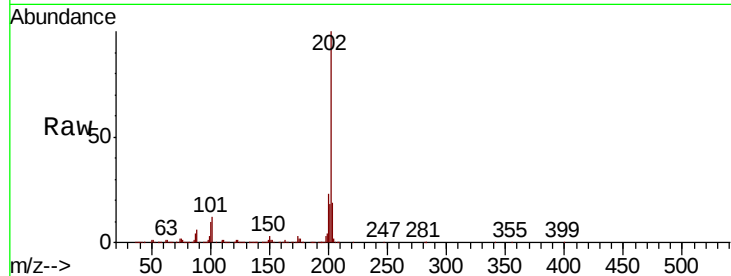
Tot Ion:202 Resp: 1027310

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.3

203 19.5 1.6 41.6



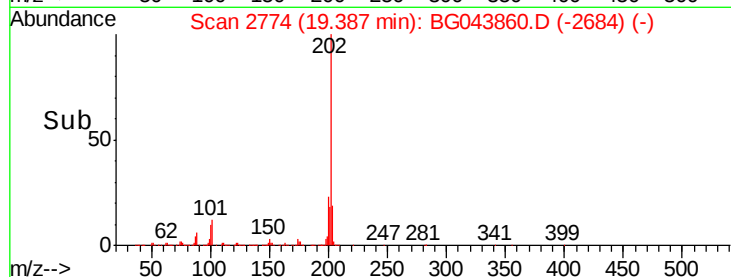
Abundance

Ion 202.00 (201.70 to 202.70): E

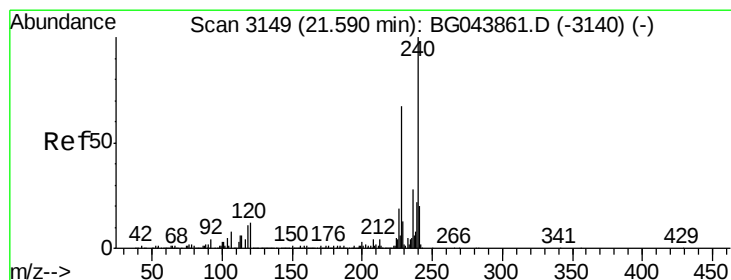
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.39



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

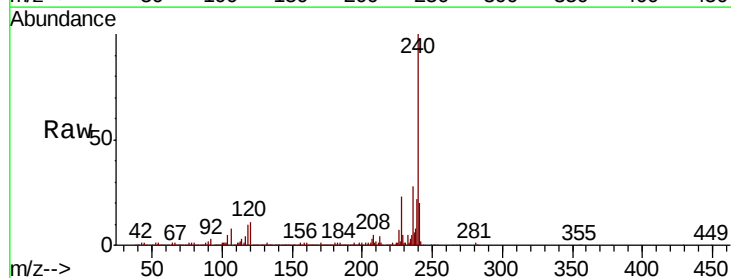
Tgt Ion:240 Resp: 689472

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

236 27.5 22.2 33.2



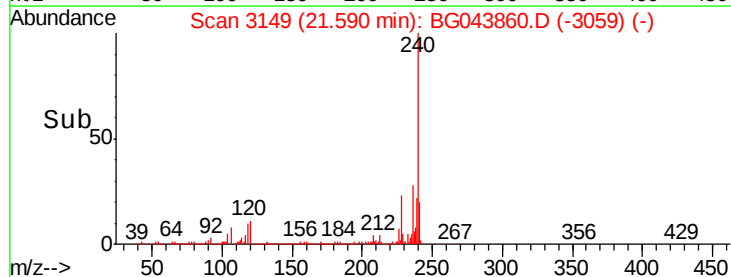
Abundance

Ion 240.00 (239.70 to 240.70): E

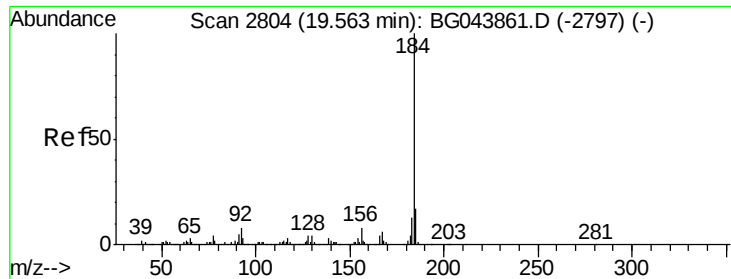
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.59



Time-->



#77

Benzidine

Concen: 17.866 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

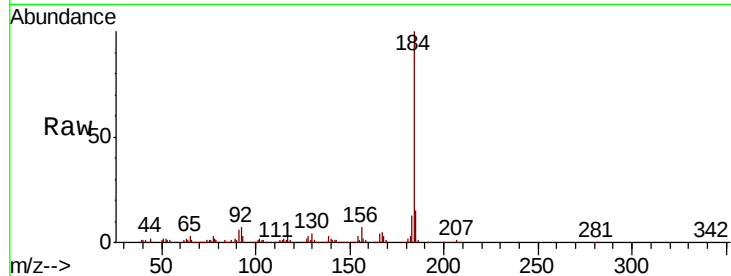
Tot Ion:184 Resp: 328793

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.0

183 13.2 10.6 15.8

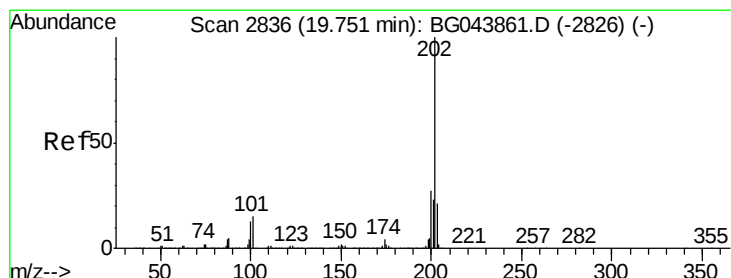
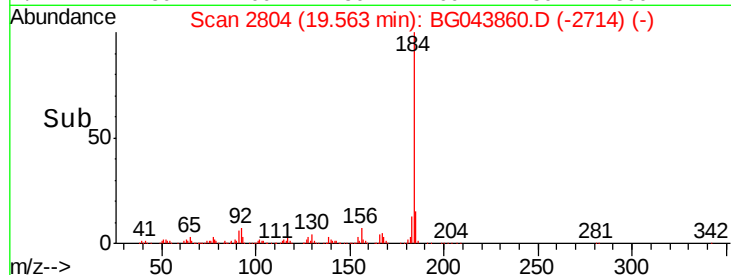
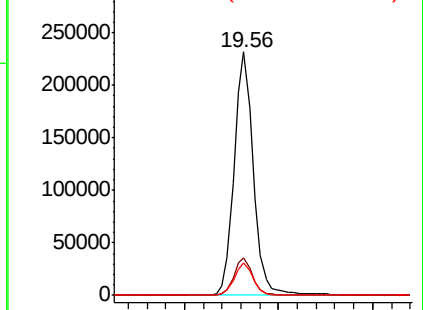


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 23.841 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

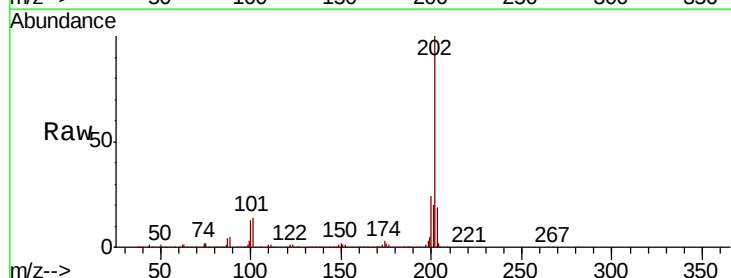
Tgt Ion:202 Resp: 1033054

Ion Ratio Lower Upper

202 100

200 23.5 21.7 32.5

203 19.3 17.0 25.6

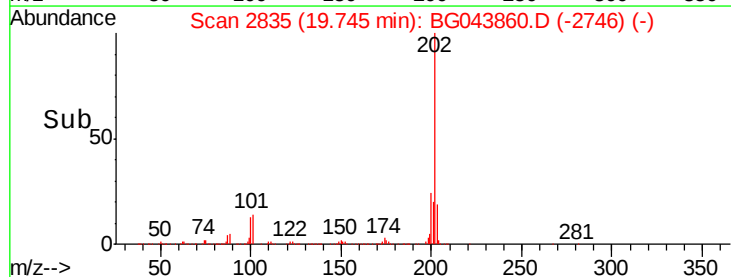
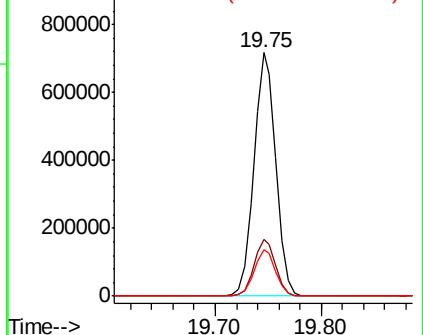


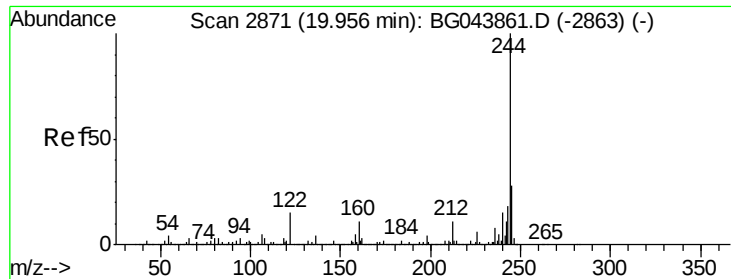
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



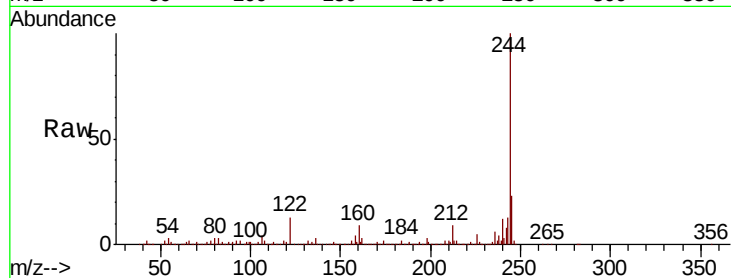


#79
 Terphenyl-d14
 Concen: 46.764 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

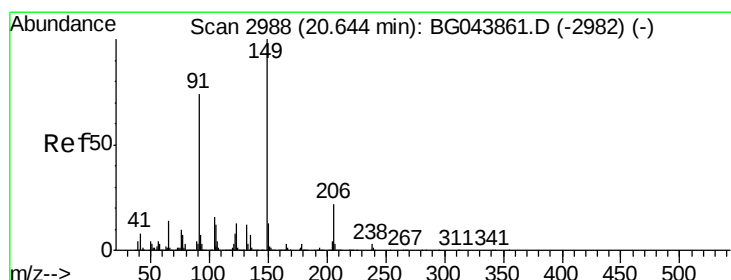
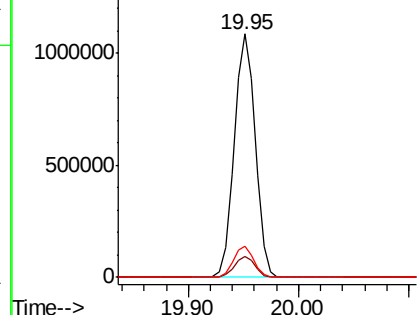
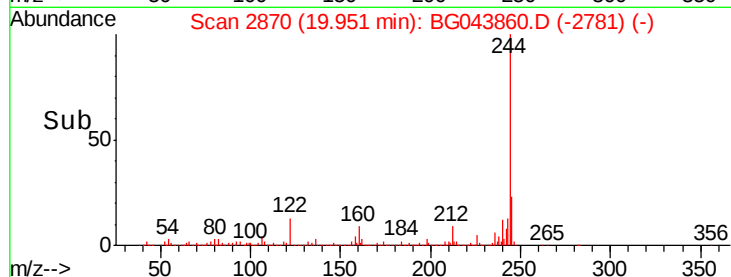
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1449937

Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	12.6	11.9	17.9



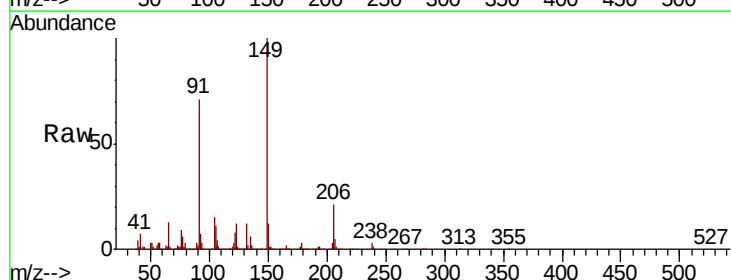
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



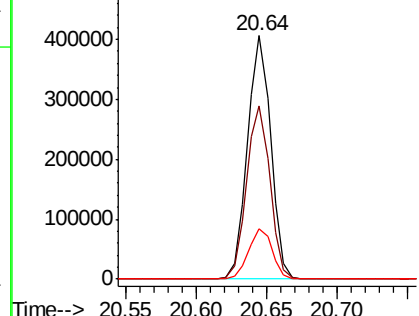
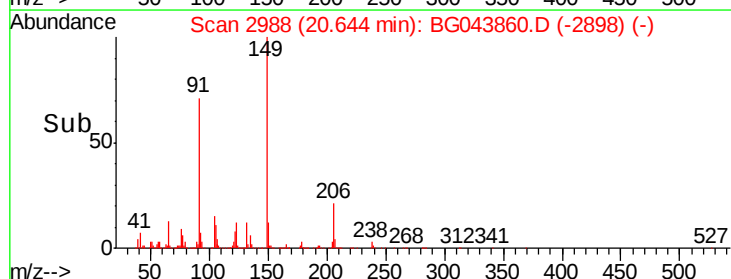
#80
 Butylbenzylphthalate
 Concen: 22.212 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

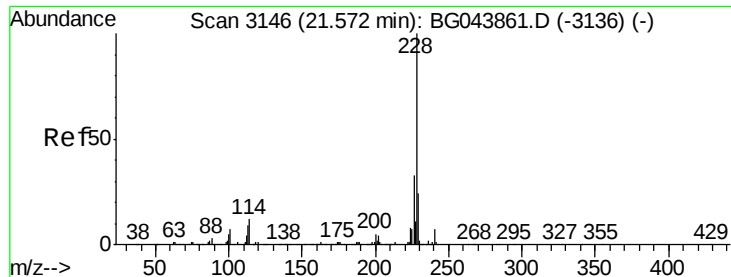
Tgt Ion:149 Resp: 469608

Ion	Ratio	Lower	Upper
149	100		
91	71.1	59.5	89.3
206	20.9	17.8	26.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

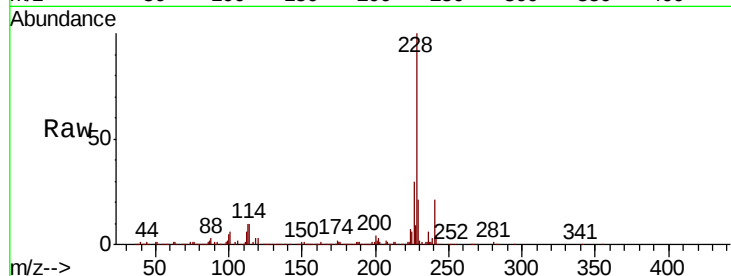




#81
Benzo(a)anthracene
Concen: 23.004 ng
RT: 21.57 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	26.2	39.4
229	20.9	18.9	28.3

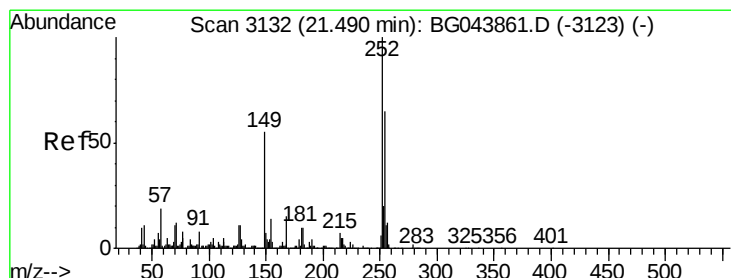
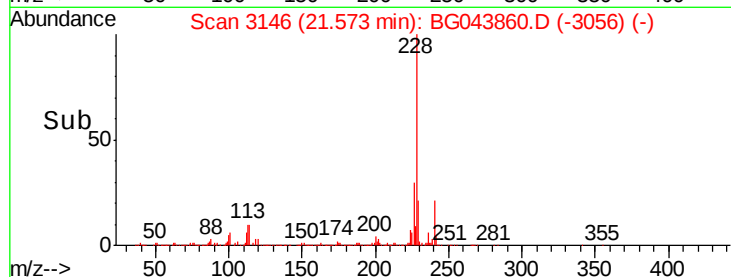
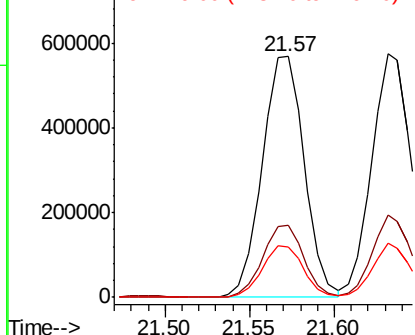


Abundance

Ion 228.00 (227.70 to 228.70): E

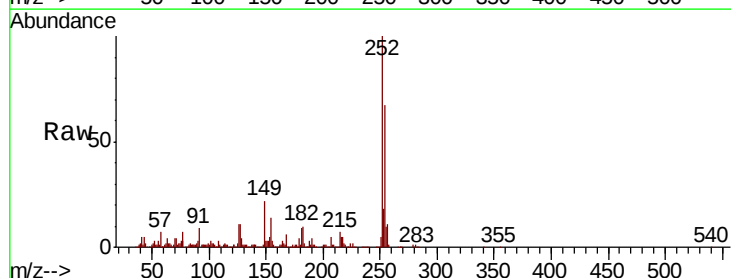
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 21.547 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.1	78.1
126	11.0	9.1	13.7

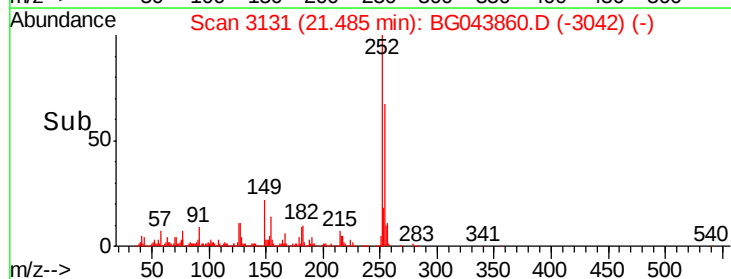
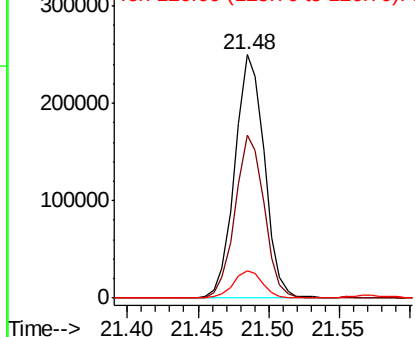


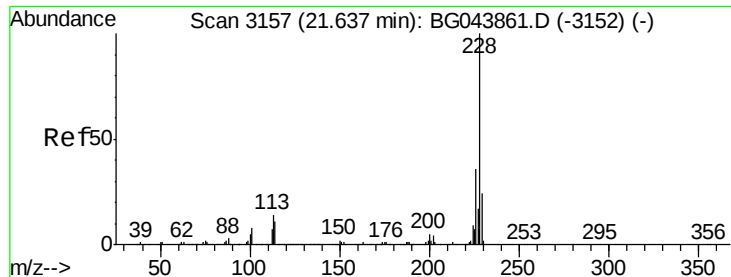
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

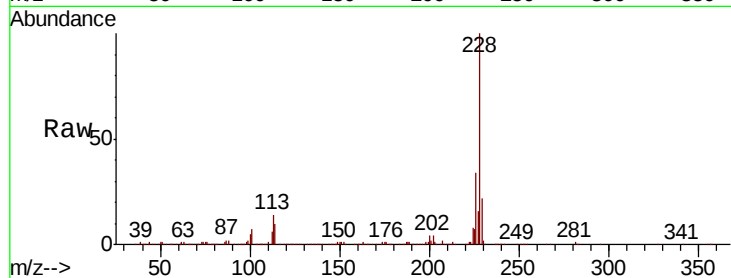




#83
 Chrvsene
 Concen: 22.913 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	28.8	43.2
229	22.2	19.0	28.6

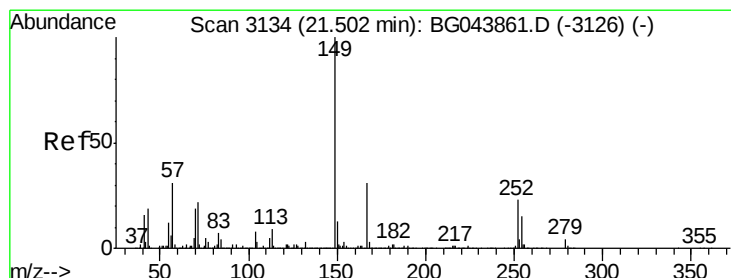
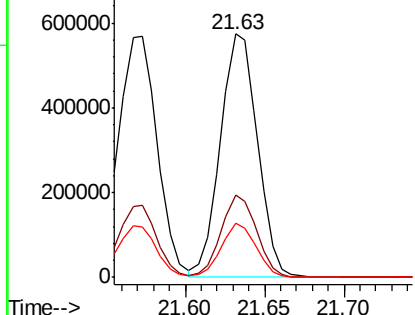
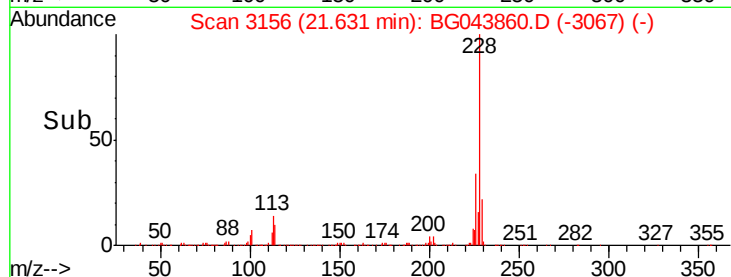


Abundance

Ion 228.00 (227.70 to 228.70): E

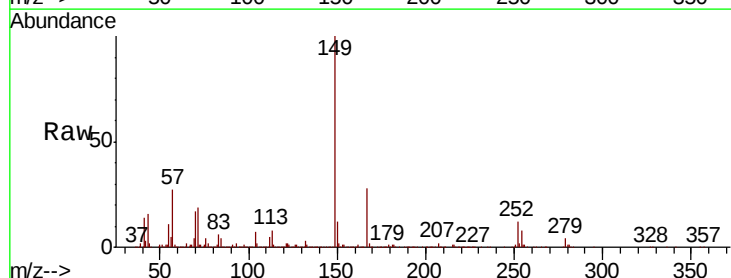
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 23.087 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG043860.D
 Acq: 30 Dec 2019 10:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	24.7	37.1
279	3.8	3.3	4.9

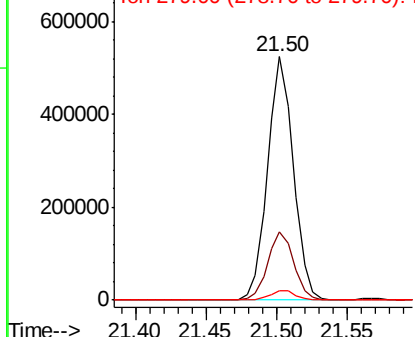
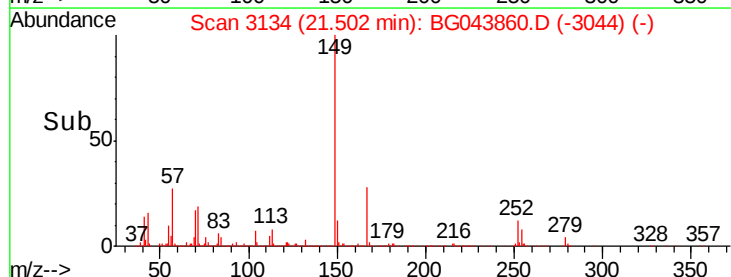


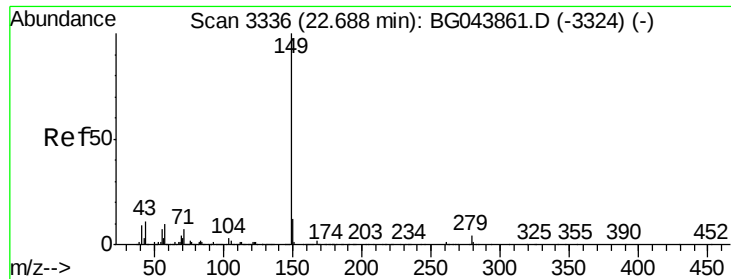
Abundance

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

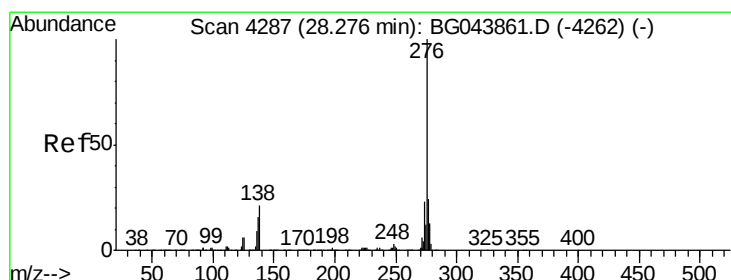
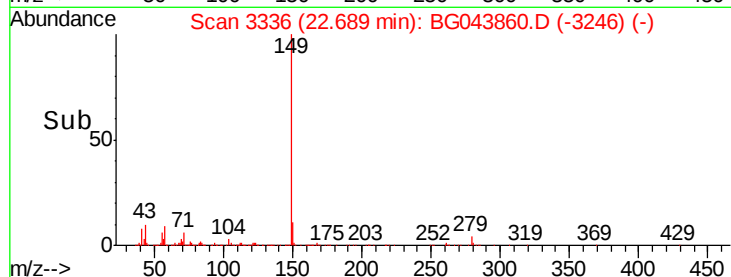
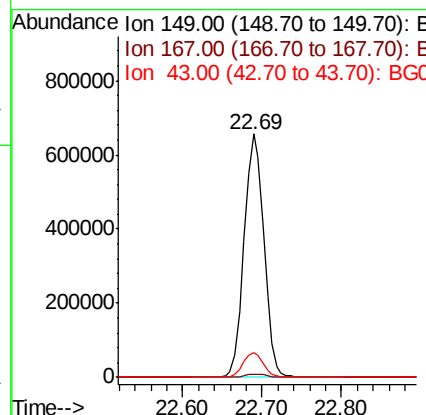
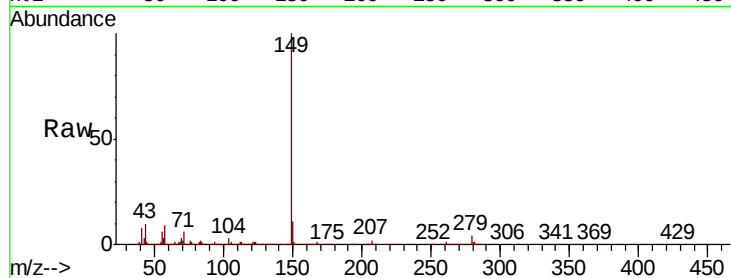




#85
Di-n-octyl phthalate
Concen: 22.938 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

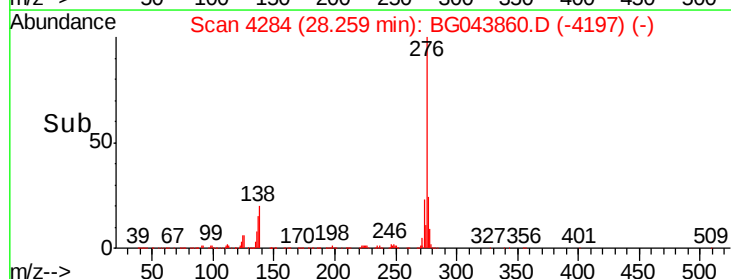
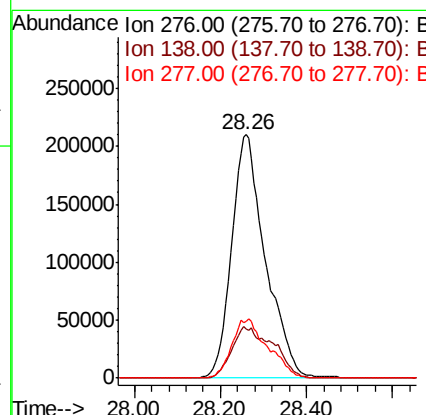
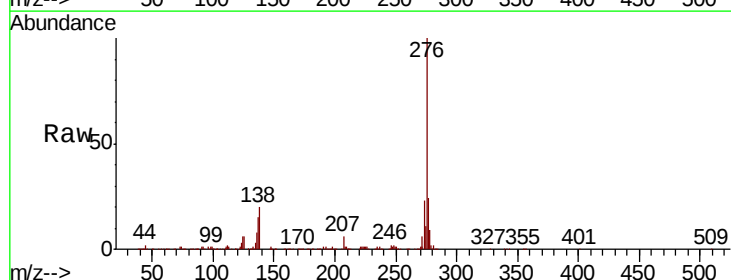
Instrument :
BNA_G
ClientSampleId :

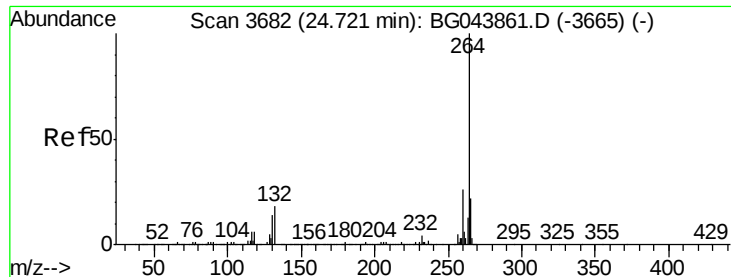
Tot Ion:149 Resp: 1132205
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.7 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 20.635 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.02 min
Lab File: BG043860.D
Acq: 30 Dec 2019 10:07

Tgt Ion:276 Resp: 1142994
Ion Ratio Lower Upper
276 100
138 26.2 21.0 31.4
277 26.1 21.1 31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

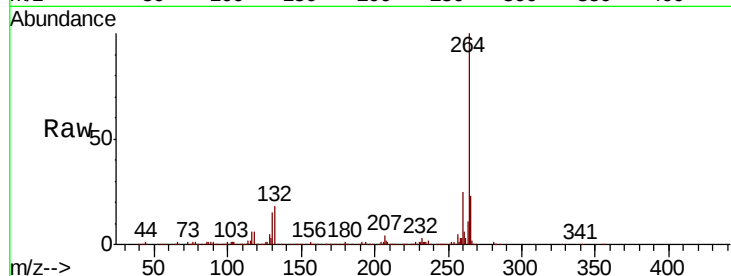
Tot Ion:264 Resp: 782186

Ion Ratio Lower Upper

264 100

260 25.4 20.4 30.6

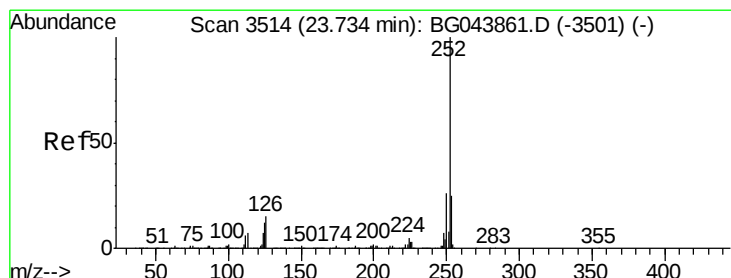
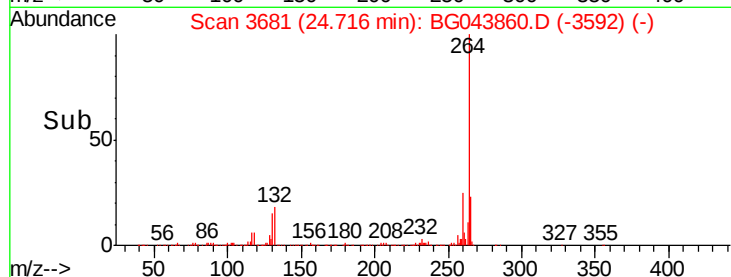
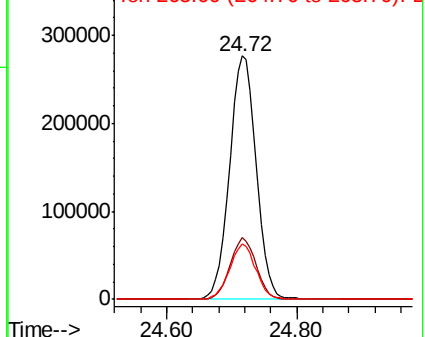
265 22.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 22.684 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

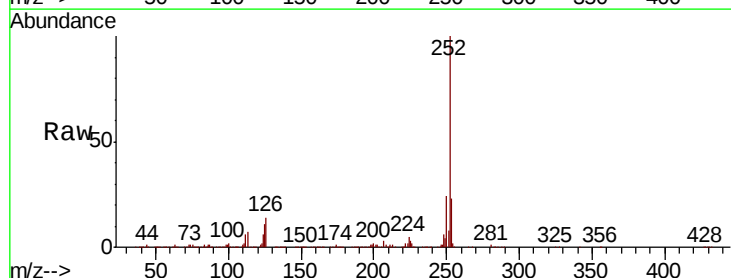
Tgt Ion:252 Resp: 1041688

Ion Ratio Lower Upper

252 100

253 23.4 19.7 29.5

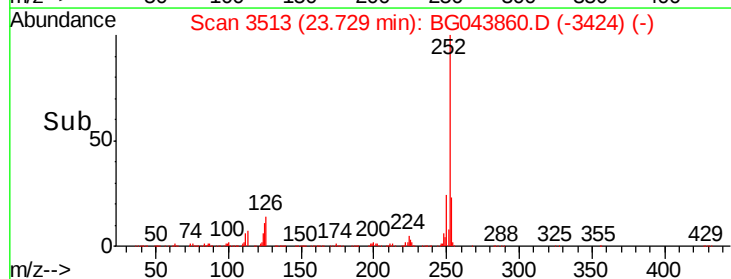
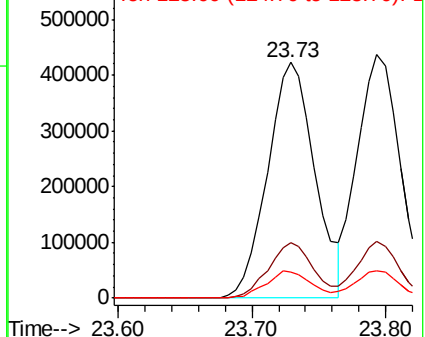
125 11.2 9.4 14.2

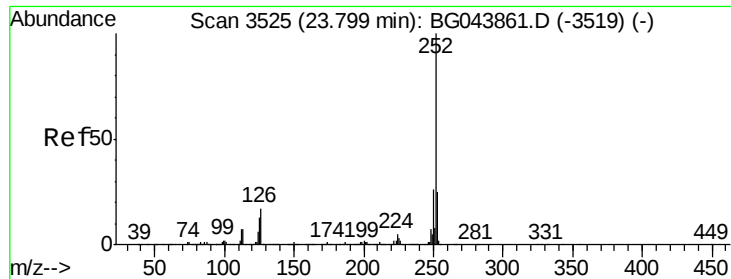


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 22.134 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampled :

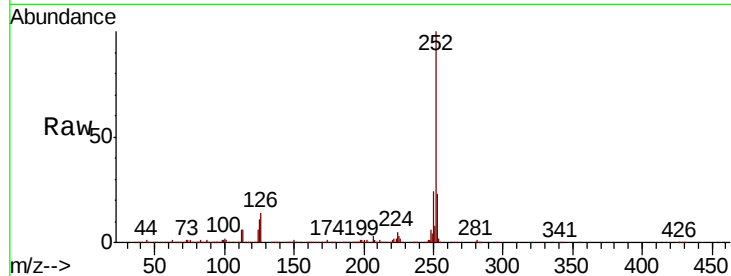
Tot Ion:252 Resp: 974948

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.2

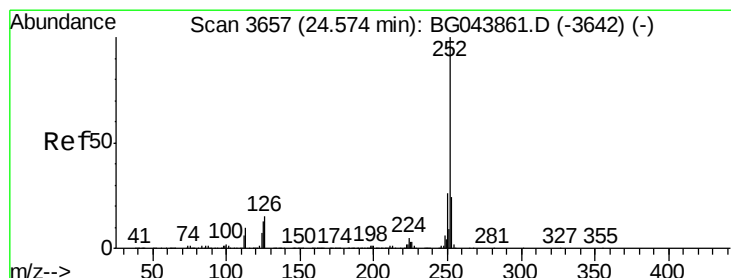
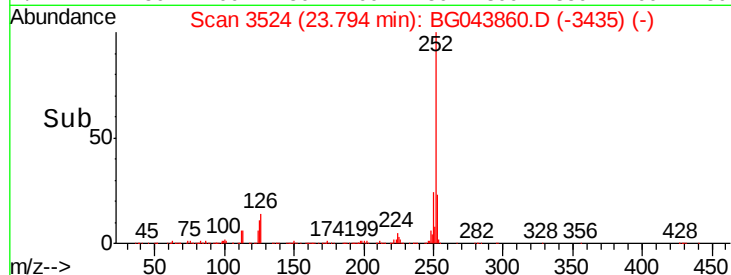
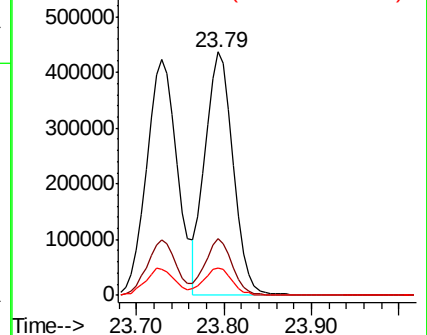
125 11.1 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 21.885 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

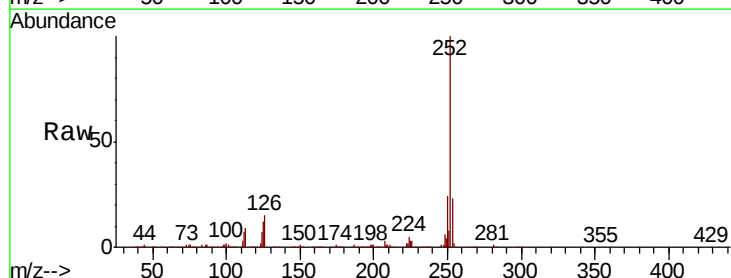
Tgt Ion:252 Resp: 950963

Ion Ratio Lower Upper

252 100

253 22.9 19.3 28.9

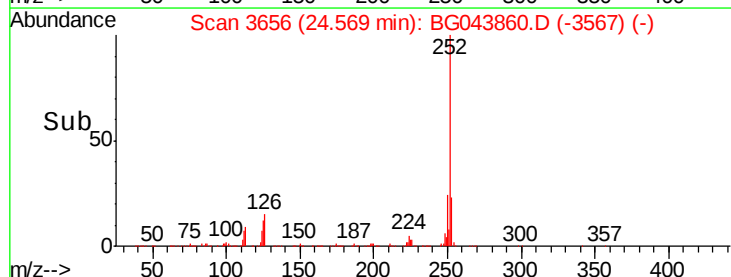
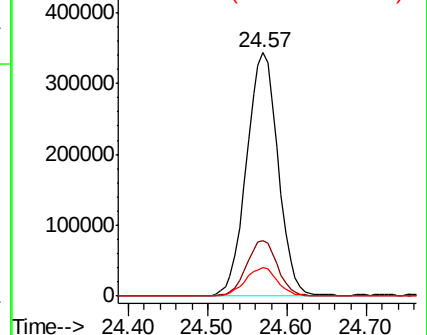
125 11.8 10.4 15.6

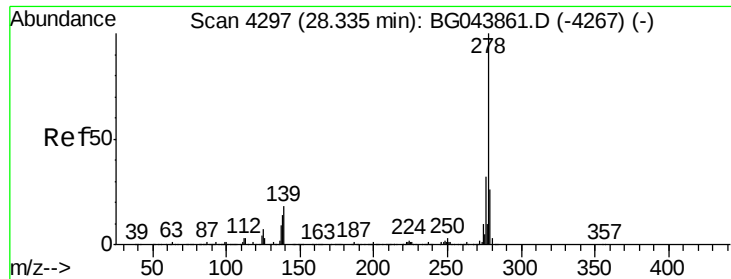


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 21.251 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.01 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

Instrument :

BNA_G

ClientSampleId :

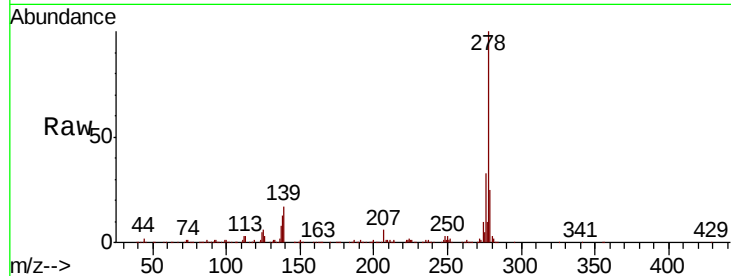
Tot Ion:278 Resp: 934085

Ion Ratio Lower Upper

278 100

139 17.4 14.2 21.4

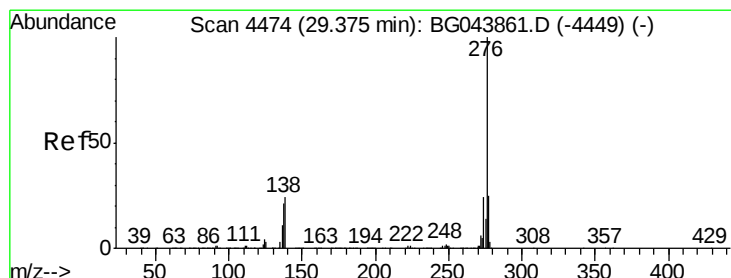
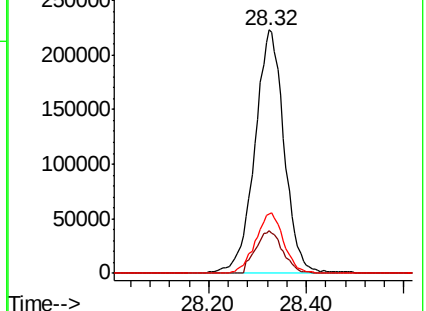
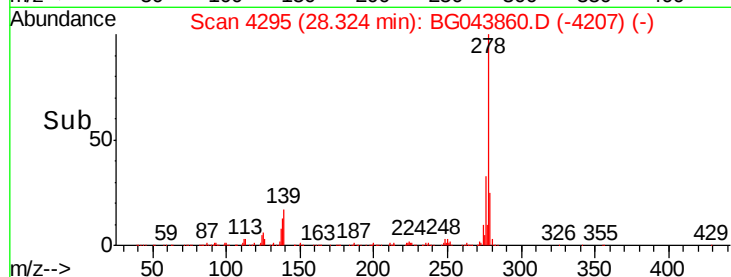
279 24.6 20.6 30.8



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: 21.151 ng

RT: 29.36 min Scan# 4471

Delta R.T. -0.02 min

Lab File: BG043860.D

Acq: 30 Dec 2019 10:07

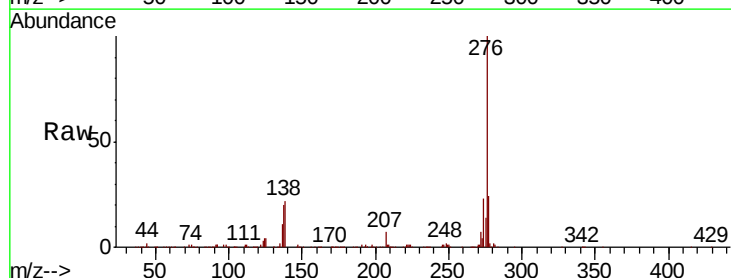
Tgt Ion:276 Resp: 918861

Ion Ratio Lower Upper

276 100

277 24.3 20.2 30.4

138 21.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

