

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
 Data File : BG044856.D
 Acq On : 18 Mar 2020 8:22
 Operator : CG/JU
 Sample : PB127536BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 18 12:33:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89852	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	358626	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	240219	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	550437	20.00	ng	0.00
76) Chrysene-d12	21.69	240	459386	20.00	ng	0.00
87) Perylene-d12	24.89	264	518202	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	854673	148.07	ng	0.00
7) Phenol-d6	7.21	99	1177297	140.38	ng	0.00
23) Nitrobenzene-d5	9.21	82	759519	92.93	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	505117	160.59	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1590207	94.80	ng	0.00
79) Terphenyl-d14	20.04	244	2409162	98.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	99267	35.714	ng	99
3) Pyridine	3.91	79	258823	31.455	ng	97
4) n-Nitrosodimethylamine	3.82	42	140528	45.012	ng	94
6) Aniline	7.37	93	431347	41.336	ng	97
8) 2-Chlorophenol	7.61	128	323623	56.166	ng	98
9) Benzaldehyde	7.17	77	252541	54.825	ng	93
10) Phenol	7.23	94	431742	52.001	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	307559	46.416	ng	96
12) 1,3-Dichlorobenzene	7.94	146	334918	47.186	ng	98
13) 1,4-Dichlorobenzene	8.08	146	338058	48.176	ng	98
14) 1,2-Dichlorobenzene	8.40	146	316201	47.513	ng	98
15) Benzyl Alcohol	8.28	79	333879	49.620	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	460699	39.398	ng	98
17) 2-Methylphenol	8.48	107	299662	53.282	ng	95
18) Hexachloroethane	9.14	117	130928	47.392	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	266036	44.926	ng	99
20) 3+4-Methylphenols	8.81	107	409795	52.858	ng	97
22) Acetophenone	8.87	105	477822	47.030	ng	# 98
24) Nitrobenzene	9.25	77	399235	47.079	ng	99
25) Isophorone	9.78	82	731382	45.853	ng	97
26) 2-Nitrophenol	9.96	139	180113	59.665	ng	98
27) 2,4-Dimethylphenol	10.02	122	312205	60.105	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	423396	44.479	ng	99
29) 2,4-Dichlorophenol	10.50	162	324708	53.520	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	349062	48.117	ng	96
31) Naphthalene	10.91	128	959287	48.287	ng	98
32) Benzoic acid	10.17	122	200152	49.168	ng	97
33) 4-Chloroaniline	11.00	127	241178	26.946	ng	99
34) Hexachlorobutadiene	11.20	225	225175	47.200	ng	98
35) Caprolactam	11.77	113	56389	24.548	ng	97
36) 4-Chloro-3-methylphenol	12.13	107	368738	50.959	ng	99
37) 2-Methylnaphthalene	12.51	142	714164	48.057	ng	97
38) 1-Methylnaphthalene	12.73	142	676390	48.414	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	388006	49.046	ng	99

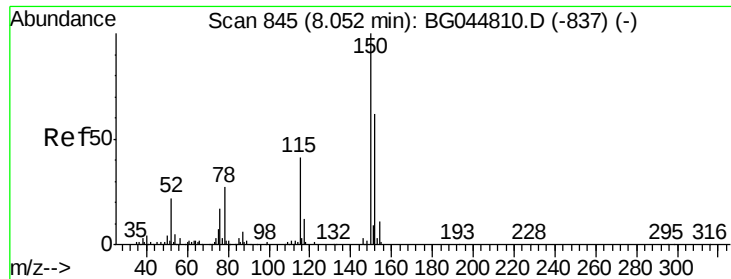
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	489836	113.297	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	281770	53.668	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	303926	55.819	ng	94
46) 1,1'-Biphenyl	13.51	154	901546	46.964	ng	99
47) 2-Chloronaphthalene	13.55	162	693865	47.316	ng	100
48) 2-Nitroaniline	13.75	65	258071	50.268	ng	97
49) Acenaphthylene	14.40	152	1156279	50.330	ng	99
50) Dimethylphthalate	14.13	163	908641	47.492	ng	100
51) 2,6-Dinitrotoluene	14.24	165	212334	55.059	ng	96
52) Acenaphthene	14.74	154	828475	55.063	ng	99
53) 3-Nitroaniline	14.57	138	161213	36.360	ng	97
54) 2,4-Dinitrophenol	14.78	184	233562	112.164	ng	93
55) Dibenzofuran	15.08	168	1078469	49.429	ng	96
56) 4-Nitrophenol	14.88	139	364886	107.833	ng	97
57) 2,4-Dinitrotoluene	15.03	165	300846	56.881	ng	98
58) Fluorene	15.73	166	880138	49.038	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	280841	56.024	ng	99
60) Diethylphthalate	15.50	149	930623	46.636	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	480138	49.682	ng	96
62) 4-Nitroaniline	15.73	138	215378	45.555	ng	96
63) Azobenzene	16.01	77	949632	45.827	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	170513	62.958	ng	95
66) n-Nitrosodiphenylamine	15.93	169	799814	48.263	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	334522	48.614	ng	95
68) Hexachlorobenzene	16.73	284	358120	47.971	ng	99
69) Atrazine	16.88	200	313652	51.659	ng	98
70) Pentachlorophenol	17.07	266	446022	108.585	ng	99
71) Phenanthrene	17.47	178	1411810	47.997	ng	99
72) Anthracene	17.56	178	1448327	49.935	ng	98
73) Carbazole	17.82	167	1332071	47.812	ng	98
74) Di-n-butylphthalate	18.39	149	1583446	46.754	ng	99
75) Fluoranthene	19.47	202	1717531	49.040	ng	98
77) Benzidine	19.64	184	810468	54.345	ng	99
78) Pyrene	19.83	202	1684834	49.989	ng	98
80) Butylbenzylphthalate	20.72	149	718972	47.950	ng	99
81) Benzo(a)anthracene	21.67	228	1615778	48.846	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	484859	37.888	ng	98
83) Chrysene	21.74	228	1539260	48.714	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	976850	47.205	ng	97
85) Di-n-octyl phthalate	22.81	149	1685399	48.671	ng	100
86) Indeno(1,2,3-cd)pyrene	28.54	276	2040880	49.266	ng	# 97
88) Benzo(b)fluoranthene	23.88	252	1727349	50.492	ng	99
89) Benzo(k)fluoranthene	23.95	252	1615013	49.885	ng	99
90) Benzo(a)pyrene	24.75	252	1576458	49.247	ng	98
91) Dibenzo(a,h)anthracene	28.61	278	1642051	51.995	ng	98
92) Benzo(g,h,i)perylene	29.69	276	1690774	52.991	ng	99

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

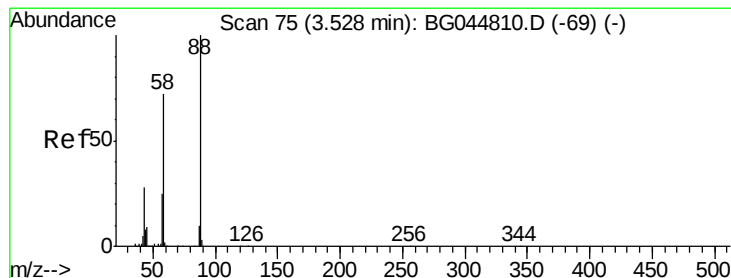
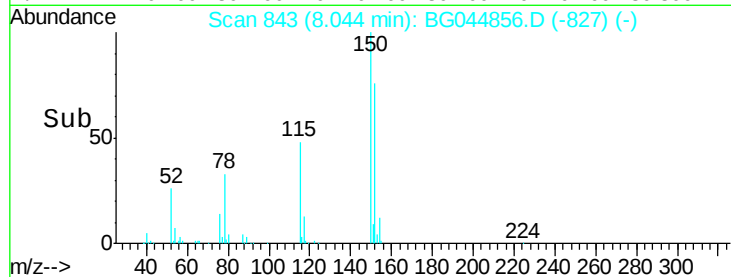
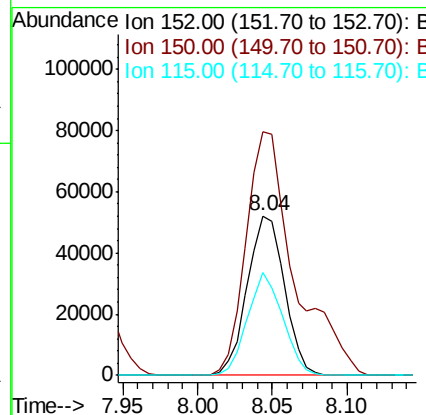
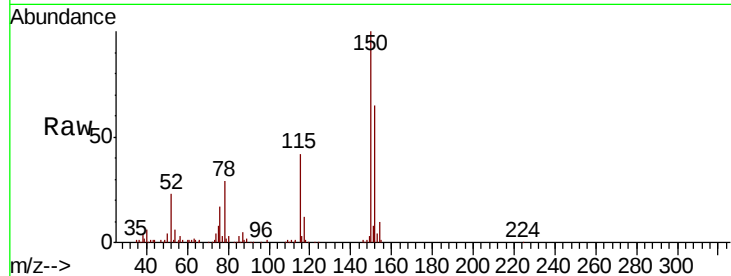


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampled :

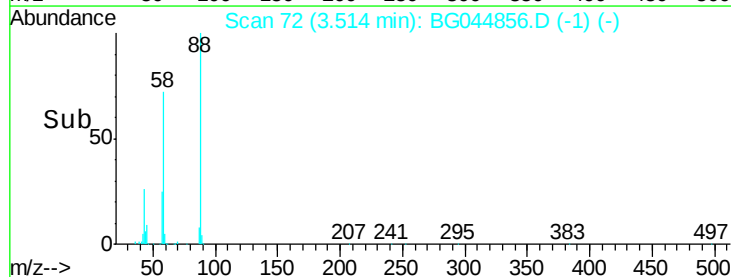
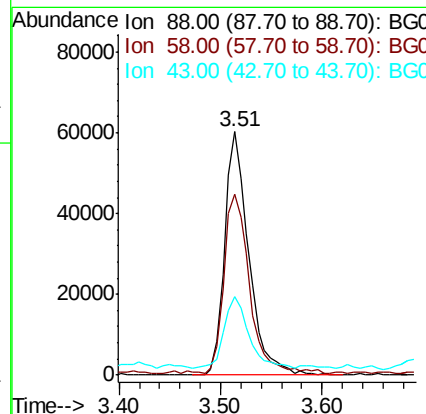
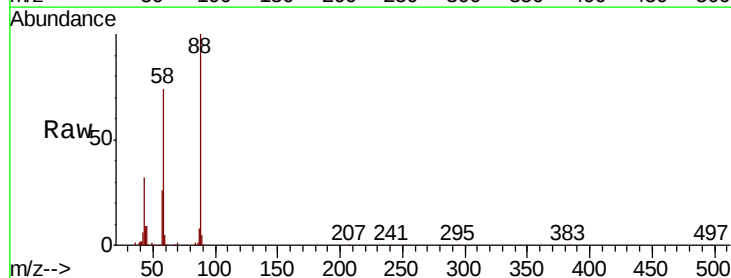
Tot Ion	152	Resp	89852
Ion Ratio	Lower	Upper	
152	100		
150	152.7	128.8	193.2
115	64.1	52.6	79.0

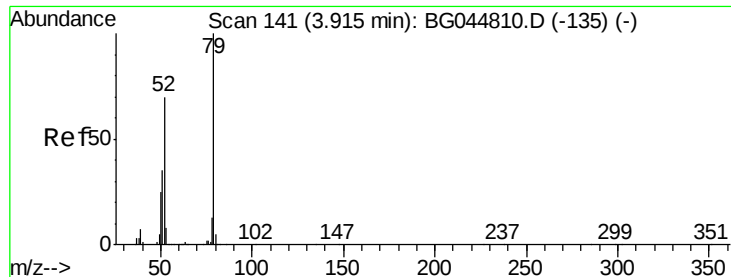


#2

1,4-Dioxane
Concen: 35.714 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	88	Resp	99267
Ion Ratio	Lower	Upper	
88	100		
58	79.3	63.0	94.4
43	29.9	24.8	37.2





#3

Pvridine

Concen: 31.455 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

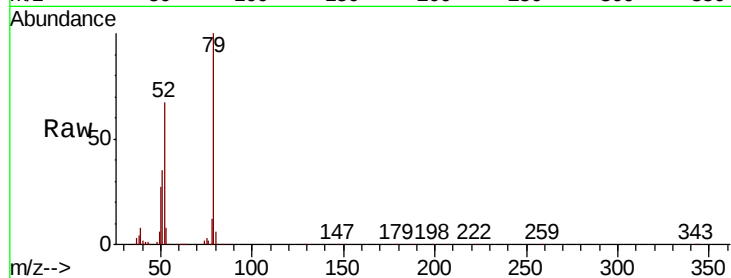
Tot Ion: 79 Resp: 258823

Ion Ratio Lower Upper

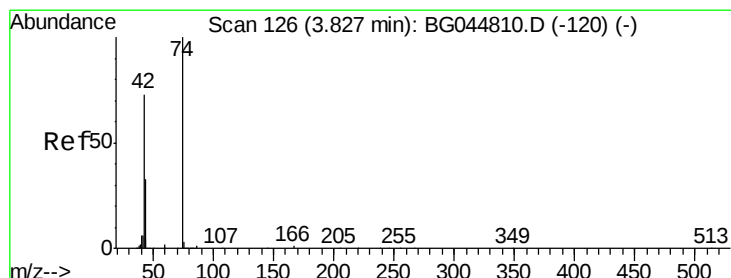
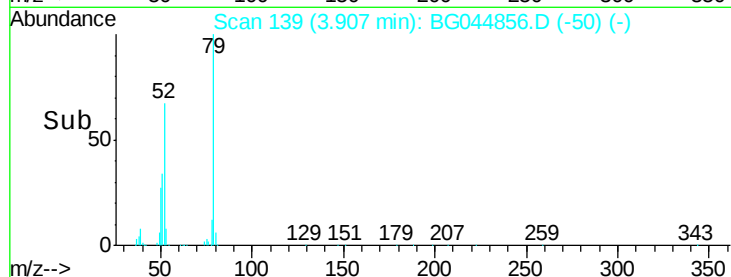
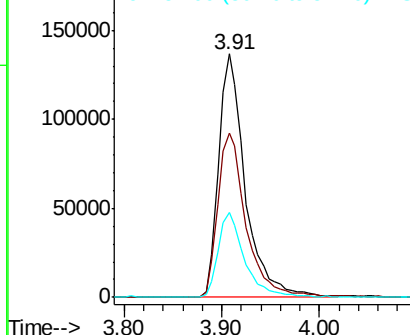
79 100

52 67.3 56.3 84.5

51 34.7 28.1 42.1



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: 45.012 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

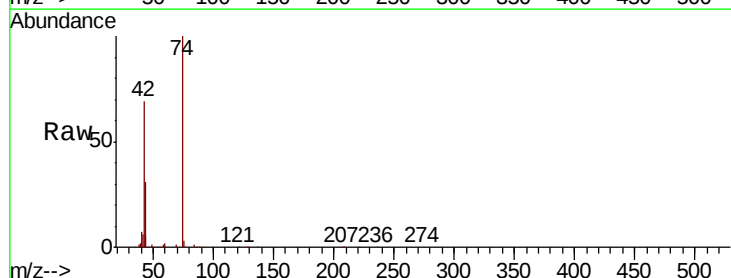
Tgt Ion: 42 Resp: 140528

Ion Ratio Lower Upper

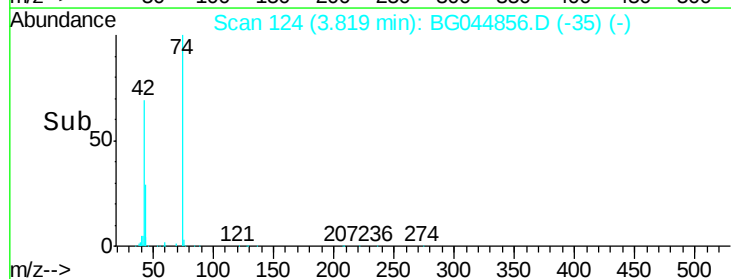
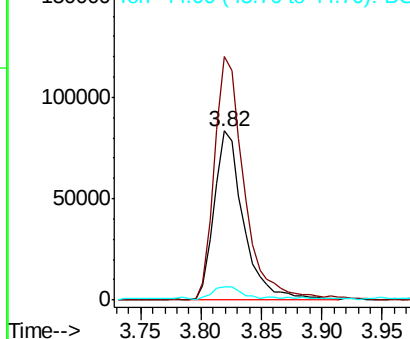
42 100

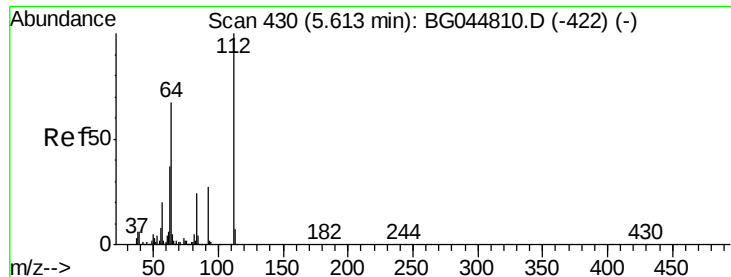
74 144.2 109.1 163.7

44 7.6 5.4 8.2



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: 148.073 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

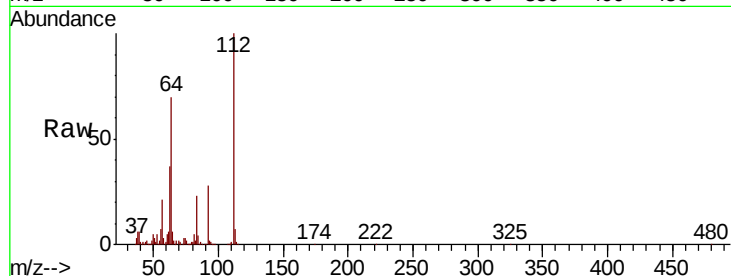
Tot Ion:112 Resp: 854673

Ion Ratio Lower Upper

112 100

64 69.6 53.4 80.2

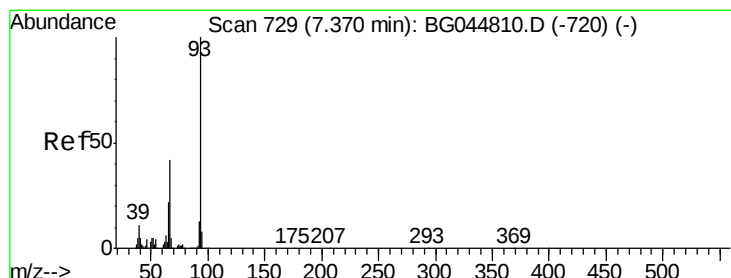
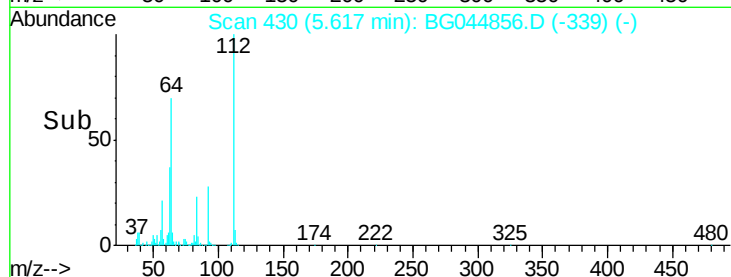
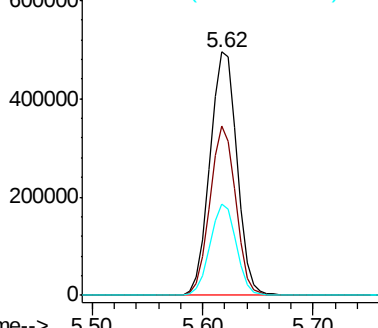
63 37.3 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.336 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

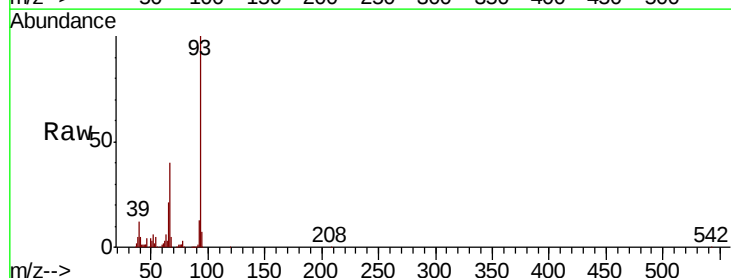
Tgt Ion: 93 Resp: 431347

Ion Ratio Lower Upper

93 100

66 39.6 33.7 50.5

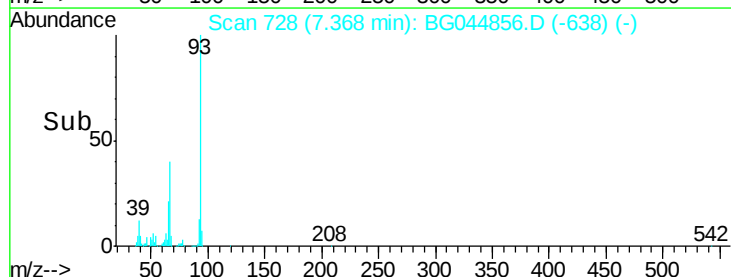
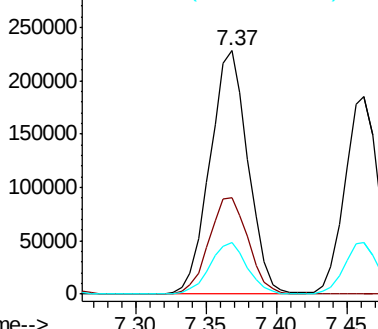
65 21.0 17.7 26.5

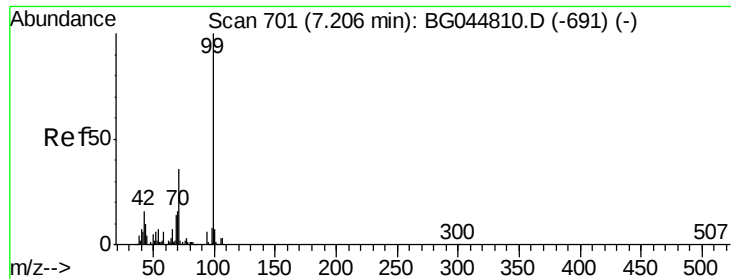


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.384 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

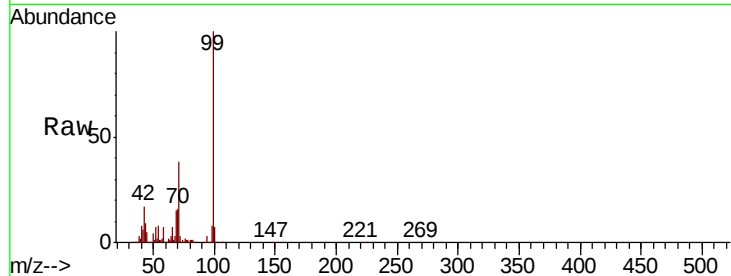
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1177297

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.6	19.0
71	37.6	29.0	43.4

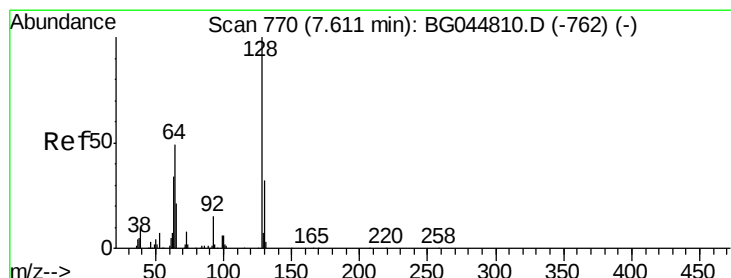
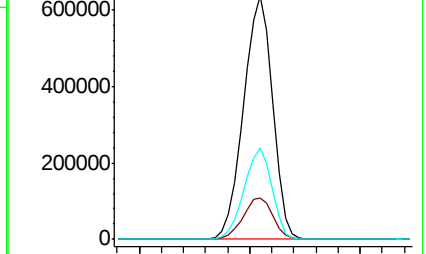
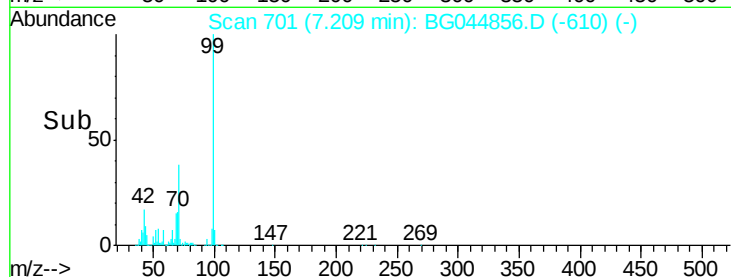


Abundance

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: 56.166 ng

RT: 7.61 min Scan# 769

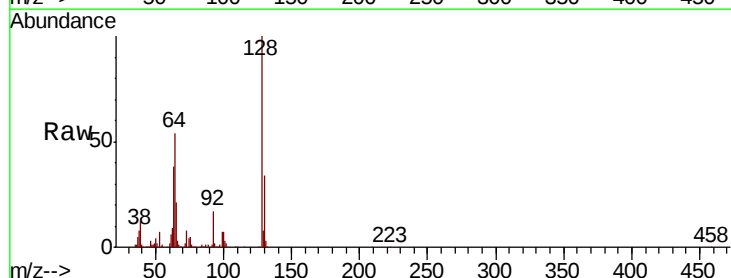
Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion: 128 Resp: 323623

Ion	Ratio	Lower	Upper
128	100		
130	33.8	11.6	51.6
64	54.0	34.5	74.5

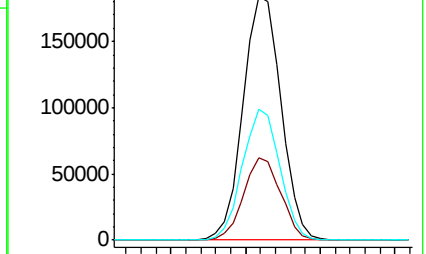
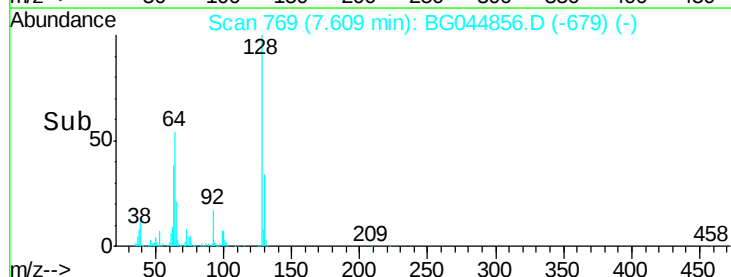


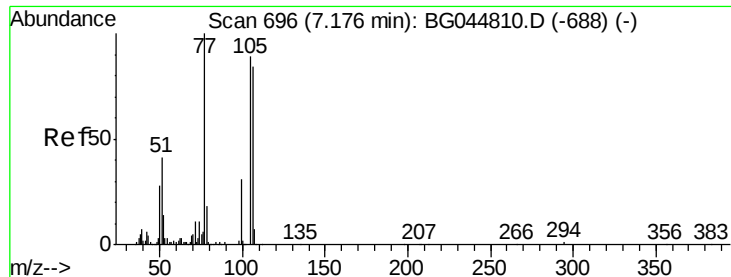
Abundance

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: 54.825 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampled :

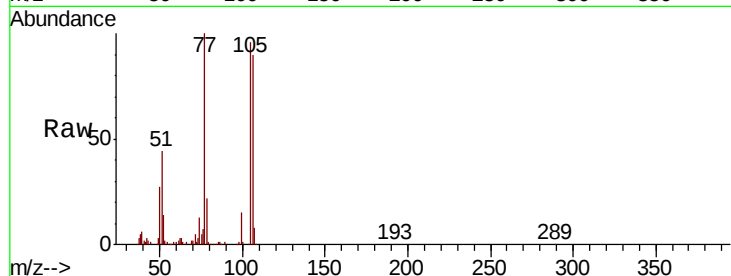
Tot Ion: 77 Resp: 252541

Ion Ratio Lower Upper

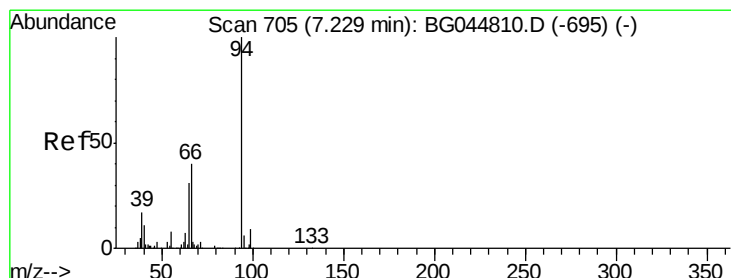
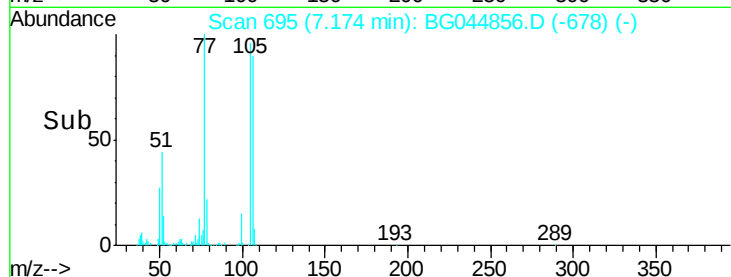
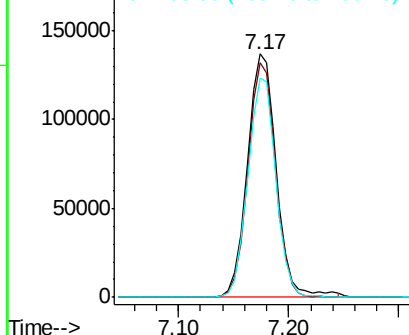
77 100

105 96.2 69.3 109.3

106 90.2 64.5 104.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.001 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

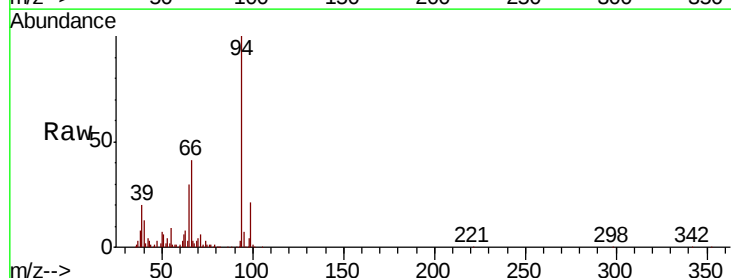
Tgt Ion: 94 Resp: 431742

Ion Ratio Lower Upper

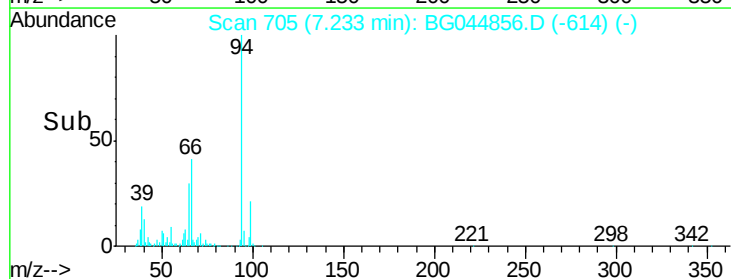
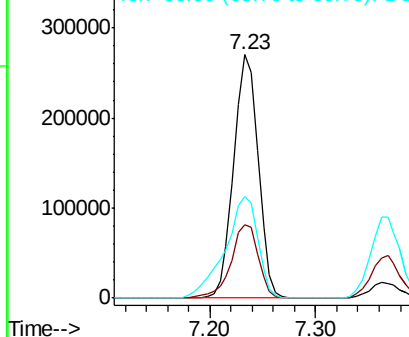
94 100

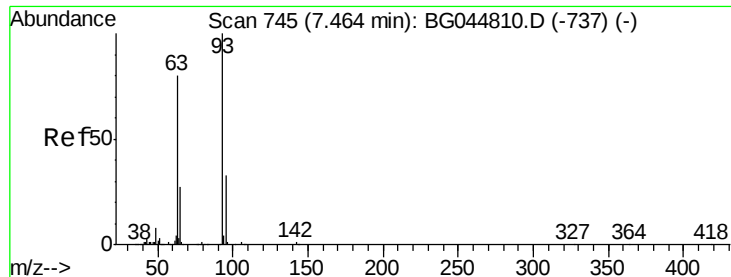
65 30.2 11.0 51.0

66 41.5 20.1 60.1



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

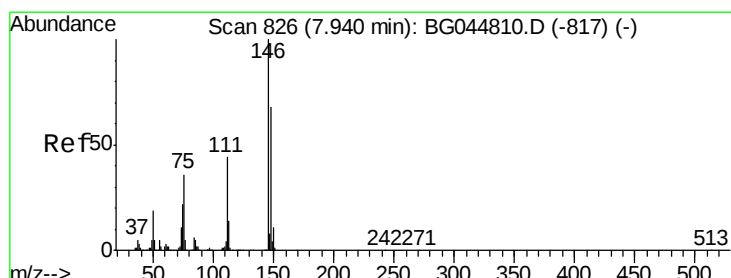
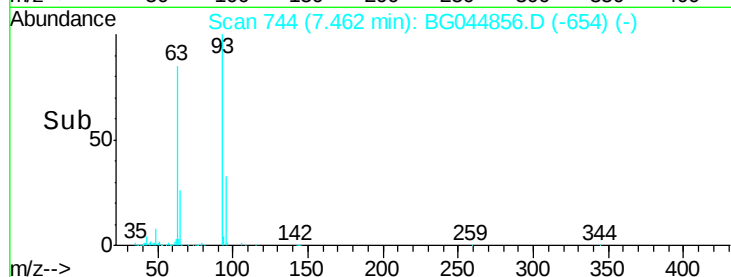
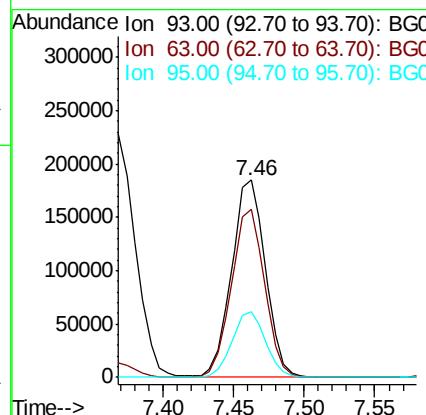
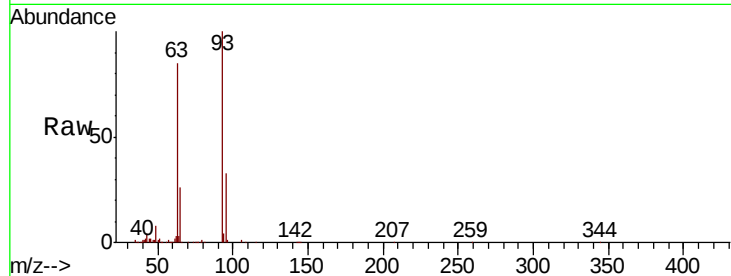




#11
 bis(2-Chloroethyl)ether
 Concen: 46.416 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

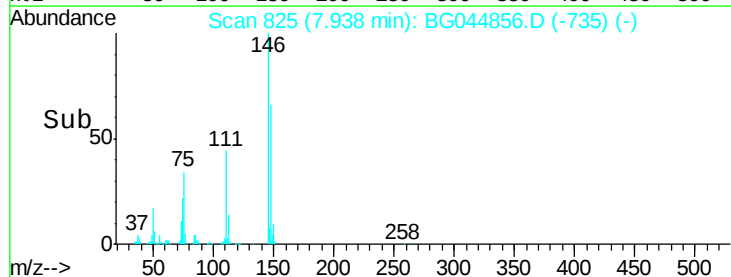
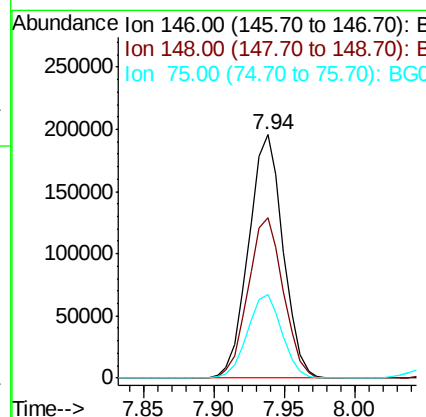
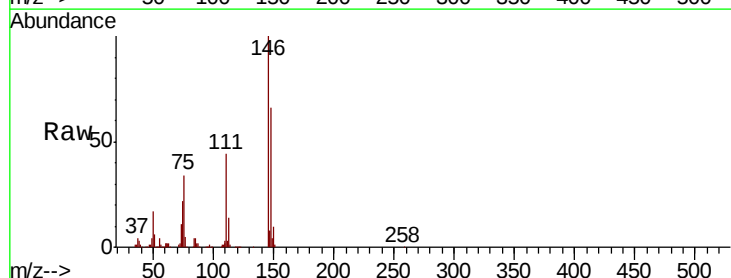
Instrument :
 BNA_G
 ClientSampleId :

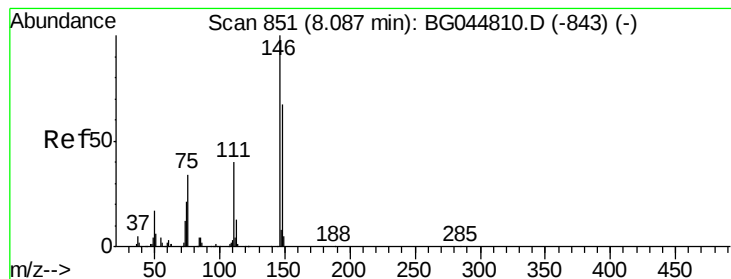
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.9	59.7	99.7
95	33.0	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 47.186 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	54.2	81.4
75	34.4	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 48.176 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampled :

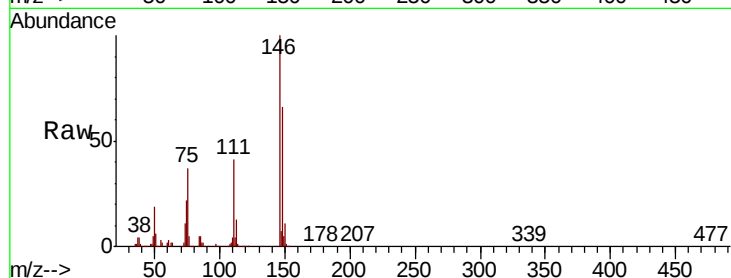
Tot Ion:146 Resp: 338058

Ion Ratio Lower Upper

146 100

148 65.7 53.8 80.6

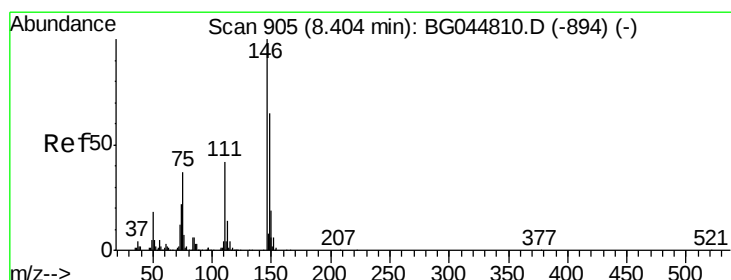
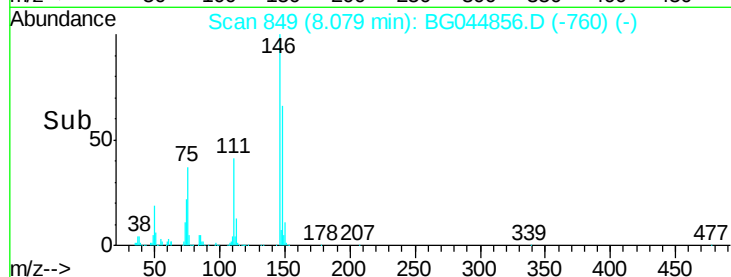
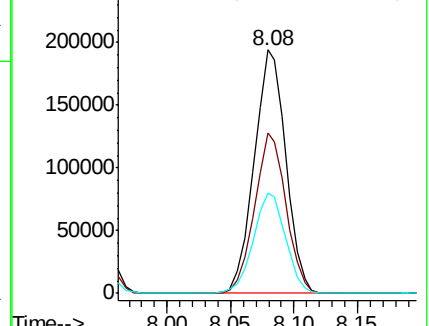
111 41.4 32.0 48.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.513 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

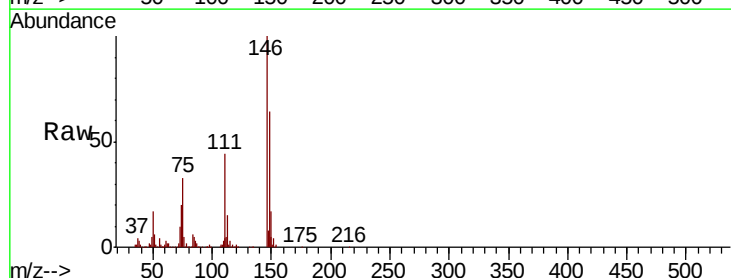
Tgt Ion:146 Resp: 316201

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

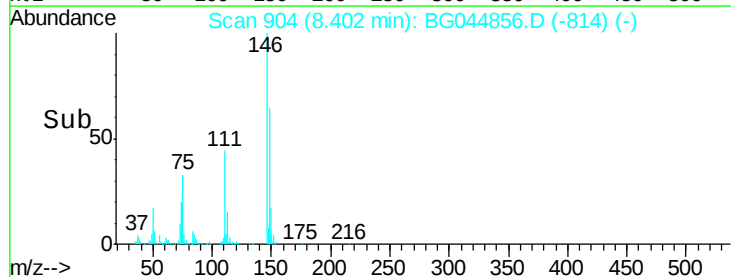
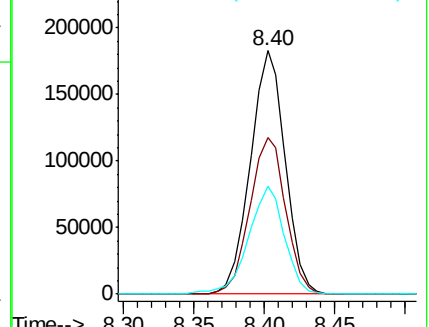
111 44.5 33.4 50.2

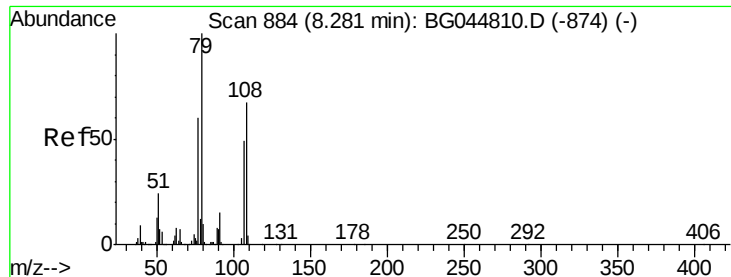


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

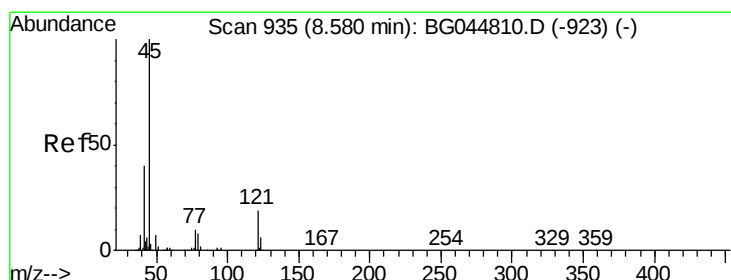
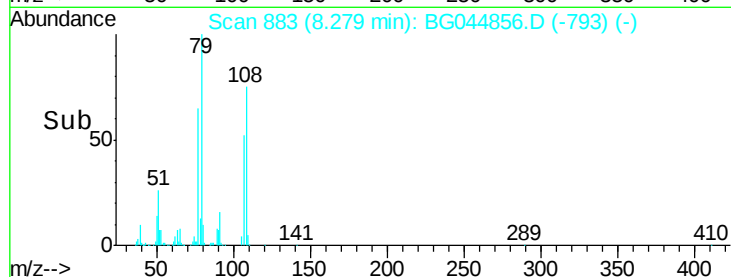
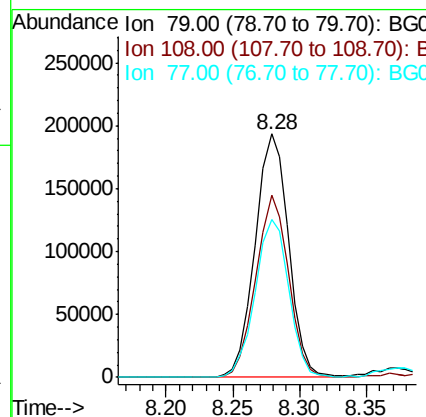
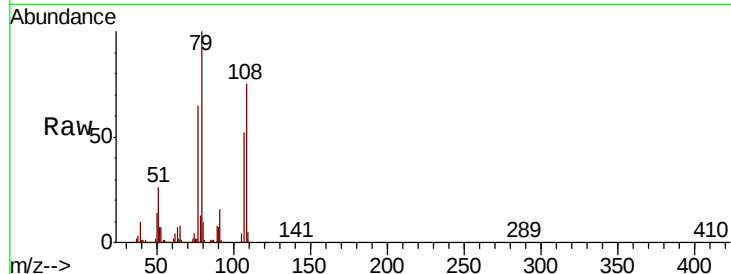




#15
Benzyl Alcohol
Concen: 49.620 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

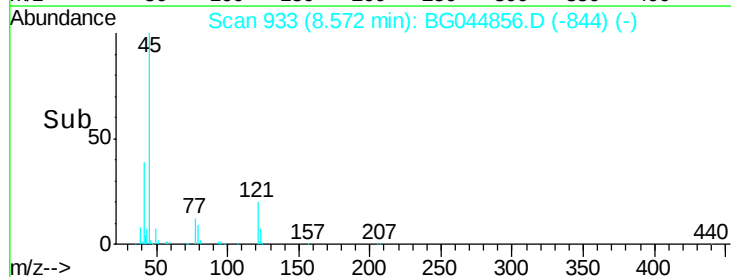
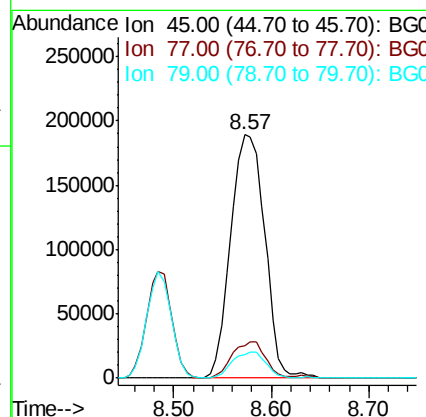
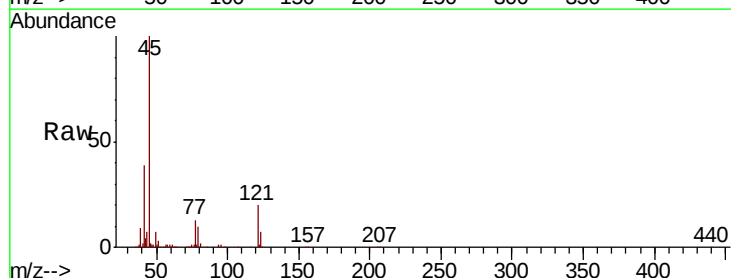
Instrument :
BNA_G
ClientSampleId :

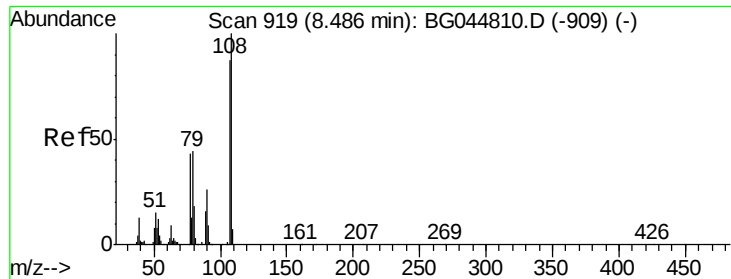
Tot Ion: 79 Resp: 333879
Ion Ratio Lower Upper
79 100
108 75.0 53.8 80.8
77 64.8 47.8 71.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.398 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion: 45 Resp: 460699
Ion Ratio Lower Upper
45 100
77 13.4 0.0 33.9
79 9.6 0.0 30.8





#17

2-Methylphenol

Concen: 53.282 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 299662

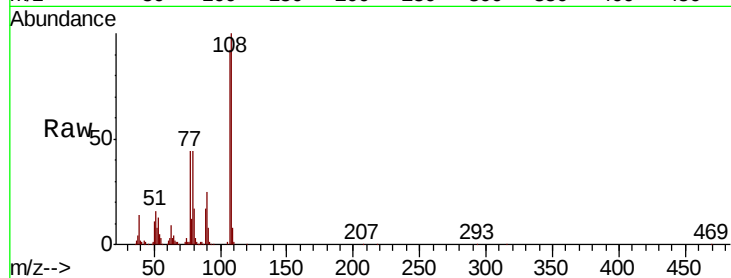
Ion Ratio Lower Upper

107 100

108 108.2 91.8 137.8

77 48.1 40.0 60.0

79 47.7 40.2 60.2

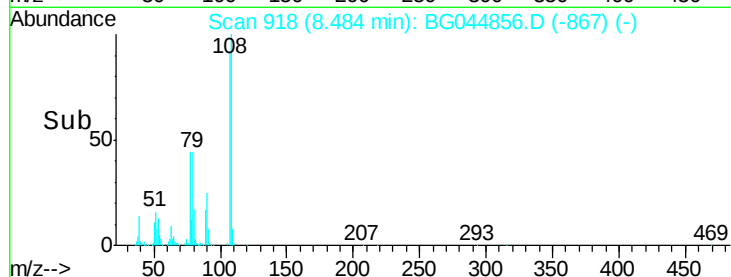


Abundance Ion 107.00 (106.70 to 107.70): E

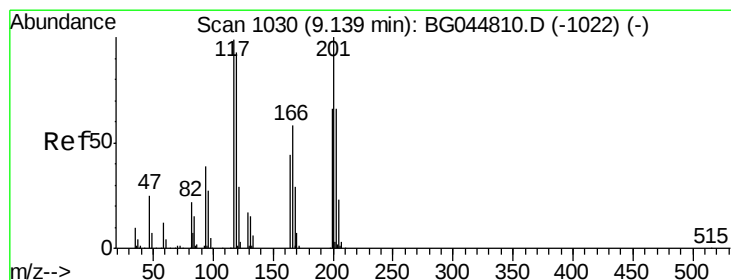
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time--> 8.40 8.45 8.50 8.55



#18

Hexachloroethane

Concen: 47.392 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

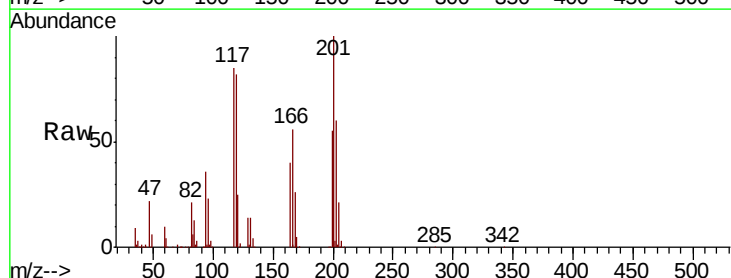
Tgt Ion:117 Resp: 130928

Ion Ratio Lower Upper

117 100

119 95.6 75.2 112.8

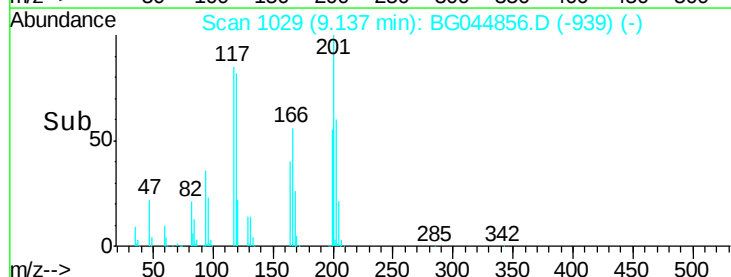
201 117.0 81.1 121.7



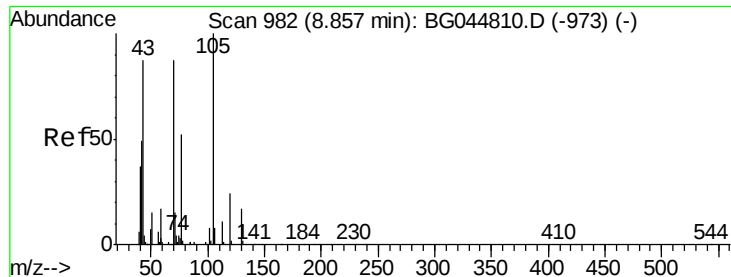
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



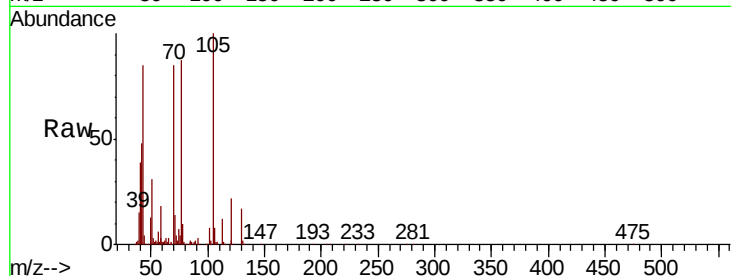
Time--> 9.05 9.10 9.15 9.20



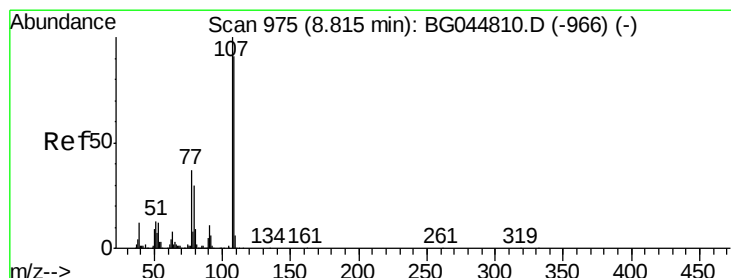
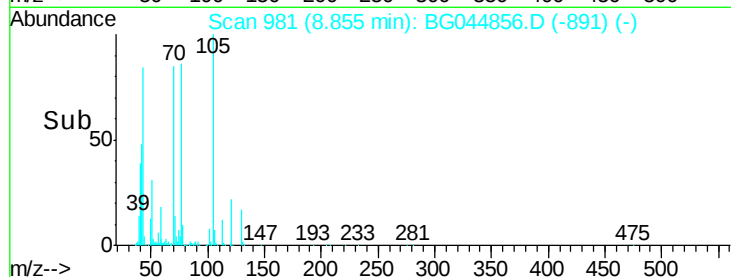
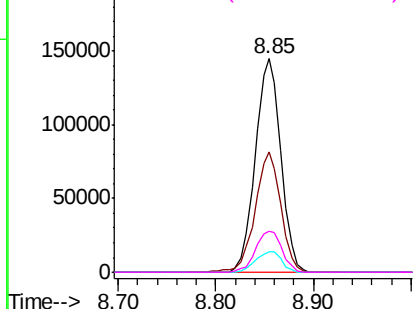
#19
n-Nitroso-di-n-propylamine
Concen: 44.926 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 266036
Ion Ratio Lower Upper
70 100
42 56.4 45.7 68.5
101 9.6 7.4 11.2
130 19.4 15.9 23.9

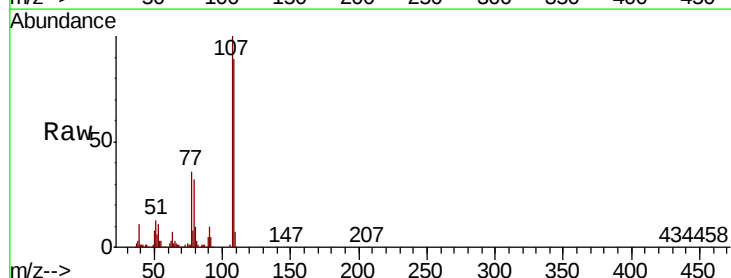


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

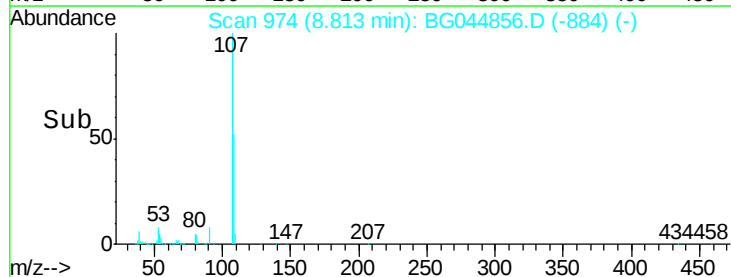
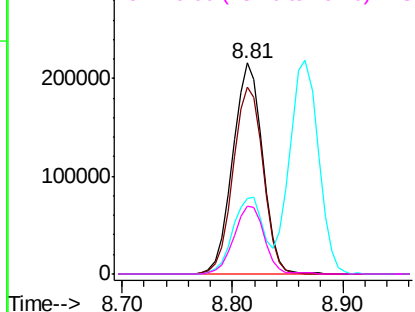


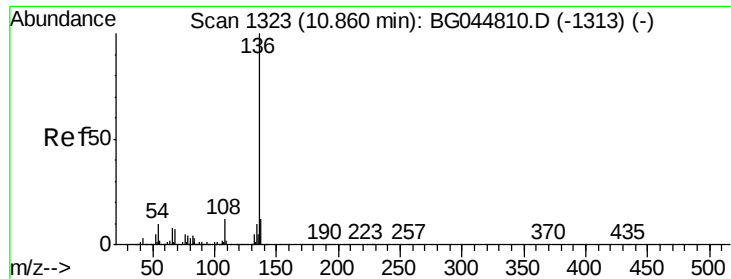
#20
3+4-Methylphenols
Concen: 52.858 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion: 107 Resp: 409795
Ion Ratio Lower Upper
107 100
108 88.6 71.3 111.3
77 36.0 16.9 56.9
79 32.2 9.7 49.7



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 358626

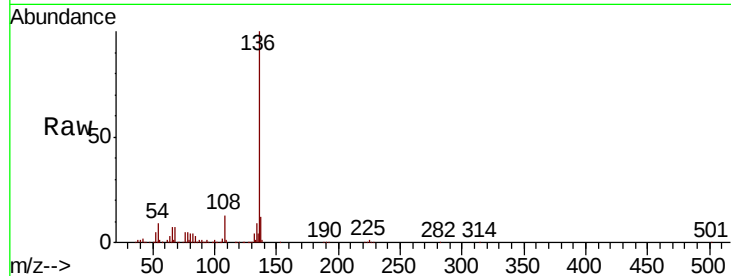
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.6

54 8.6 7.9 11.9

68 7.1 5.4 8.0

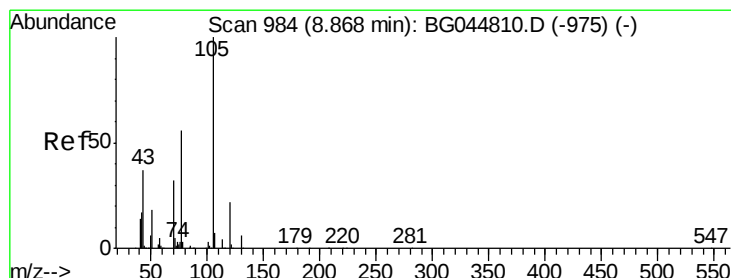
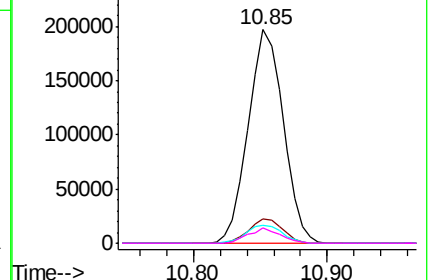
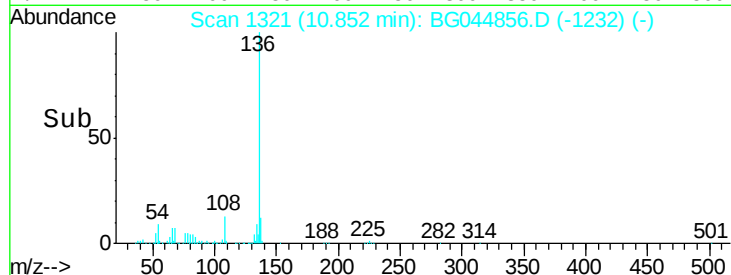


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.030 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:105 Resp: 477822

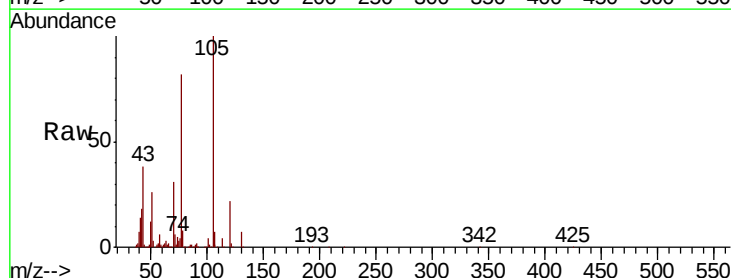
Ion Ratio Lower Upper

105 100

71 5.9 3.9 5.9#

51 26.3 22.6 33.8

120 21.5 17.3 25.9

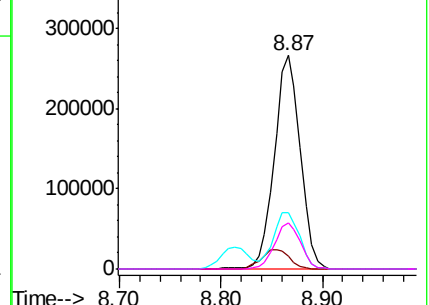
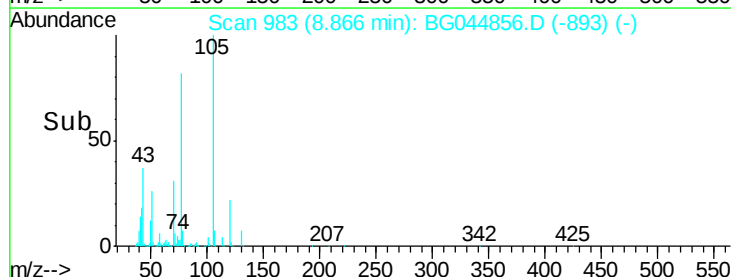


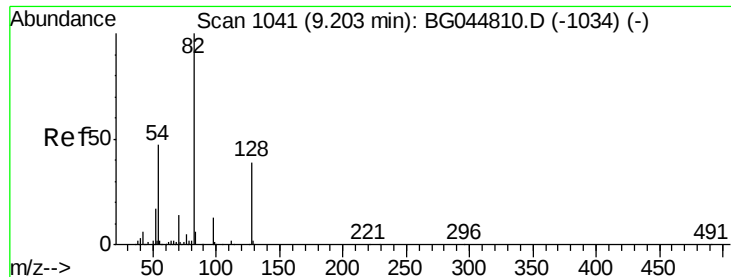
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

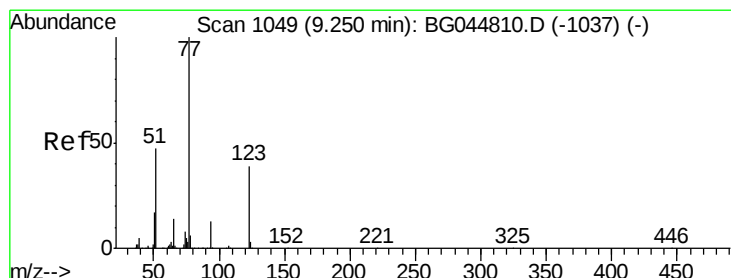
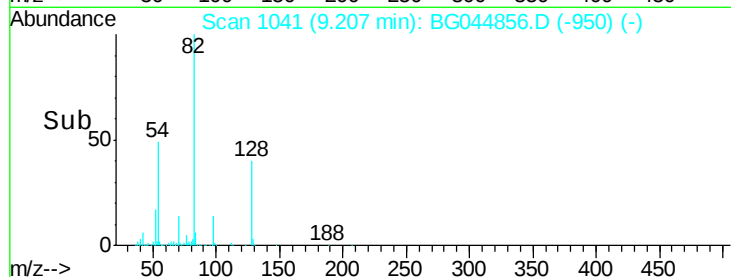
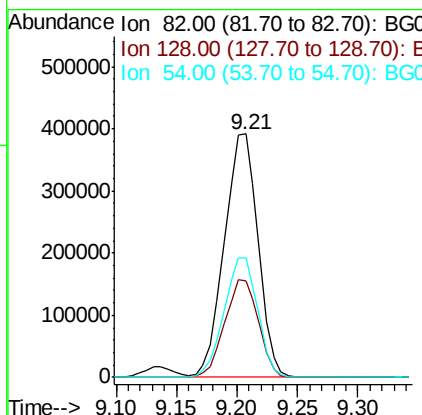
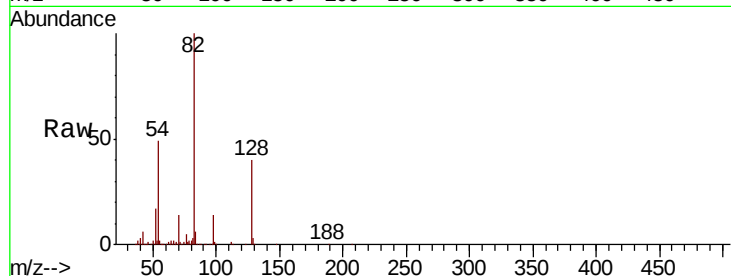




#23
 Nitrobenzene-d5
 Concen: 92.935 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

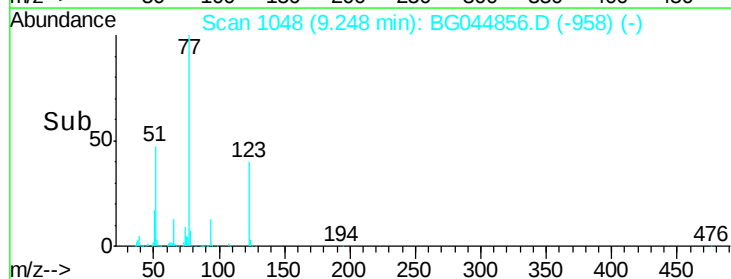
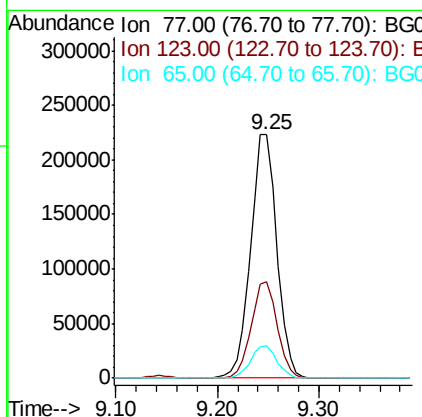
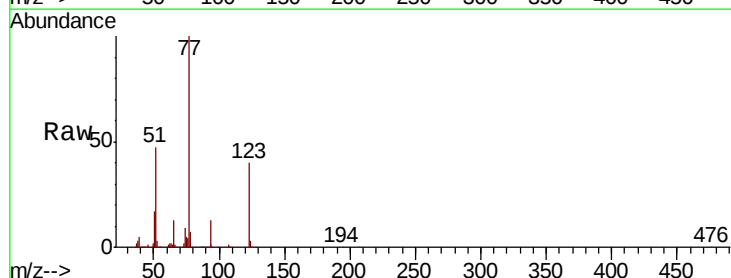
Instrument :
 BNA_G
 ClientSampled :

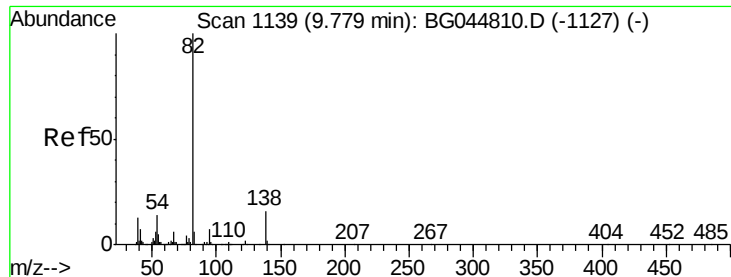
Tot Ion	82	Resp	759519
Ion Ratio	Lower	Upper	
82	100		
128	39.7	30.6	46.0
54	48.9	37.1	55.7



#24
 Nitrobenzene
 Concen: 47.079 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	77	Resp	399235
Ion Ratio	Lower	Upper	
77	100		
123	39.7	31.3	46.9
65	13.1	11.4	17.0





#25

Isophorone

Concen: 45.853 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampled :

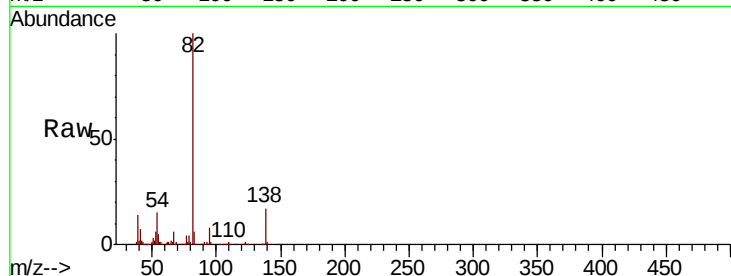
Tot Ion: 82 Resp: 731382

Ion Ratio Lower Upper

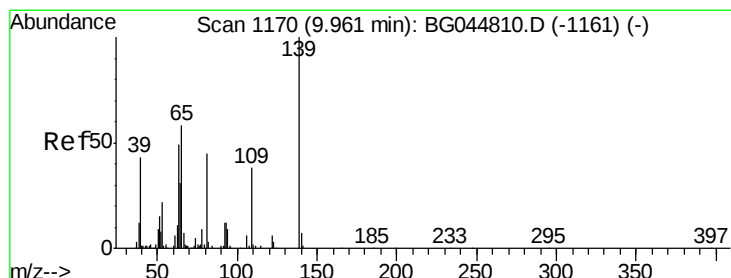
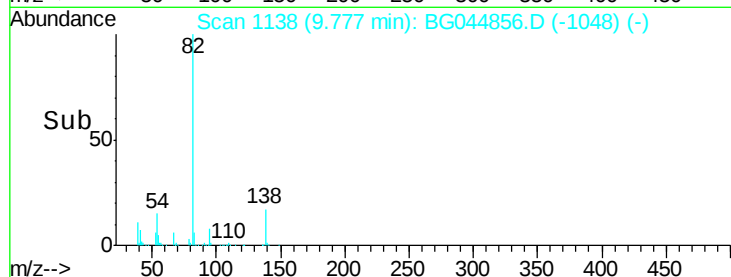
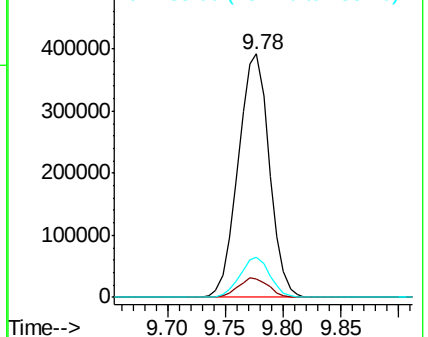
82 100

95 7.8 5.5 8.3

138 16.7 12.5 18.7



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



#26

2-Nitrophenol

Concen: 59.665 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

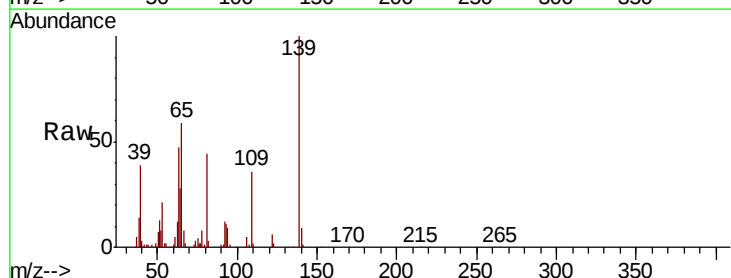
Tgt Ion: 139 Resp: 180113

Ion Ratio Lower Upper

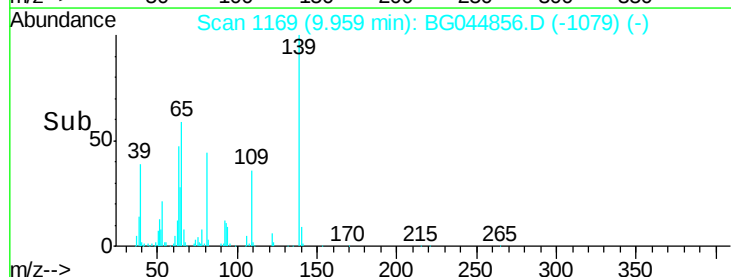
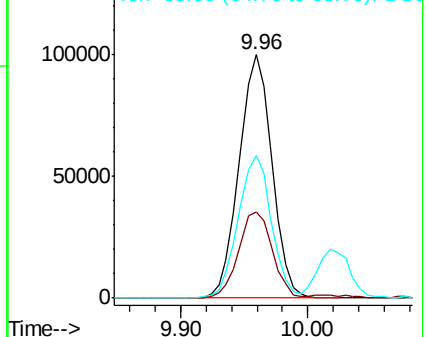
139 100

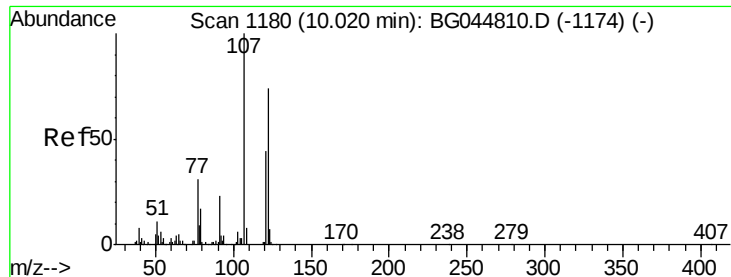
109 35.5 30.2 45.4

65 58.6 46.3 69.5



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

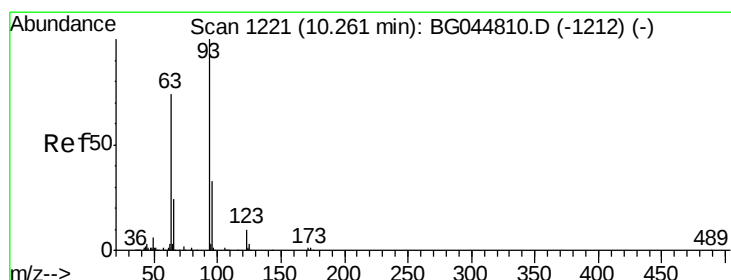
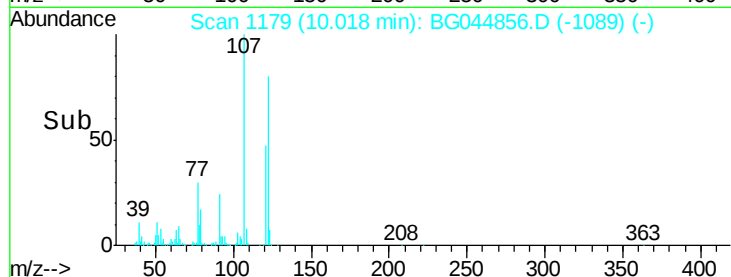
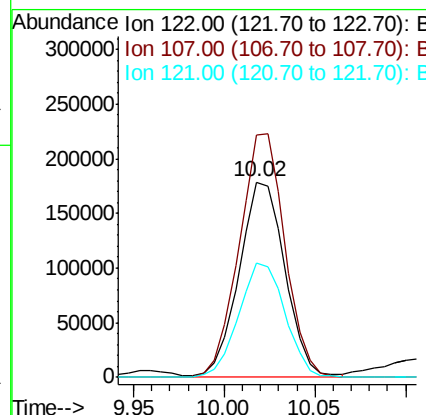
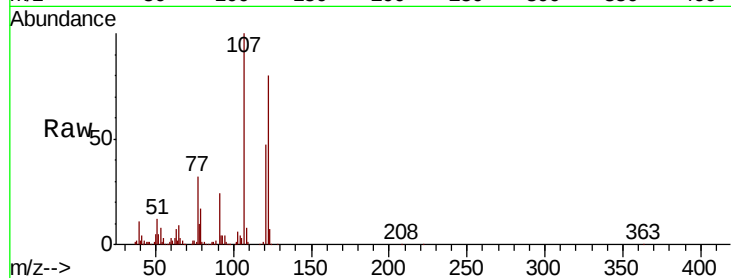




#27
 2,4-Dimethylphenol
 Concen: 60.105 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

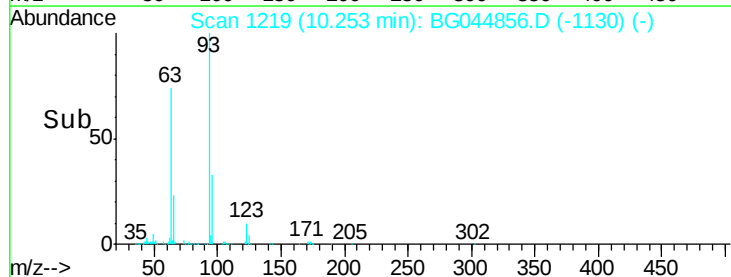
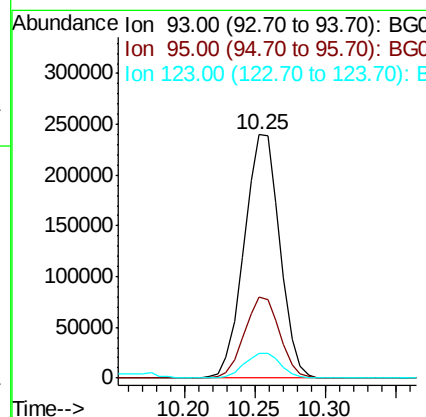
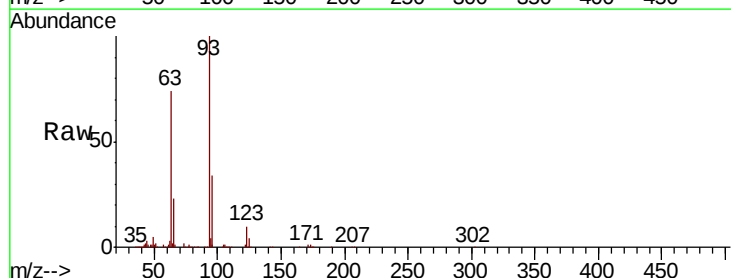
Instrument :
 BNA_G
 ClientSampleId :

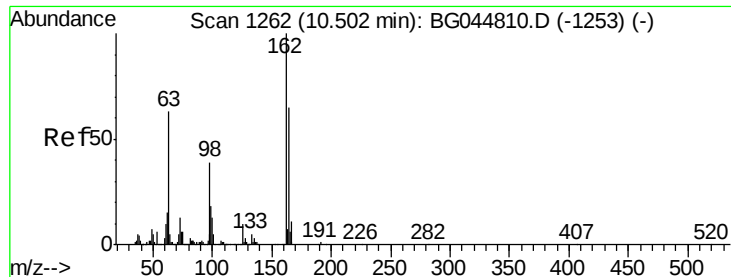
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.4	107.1	160.7
121	58.3	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.479 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.4	39.6
123	10.4	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 53.520 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

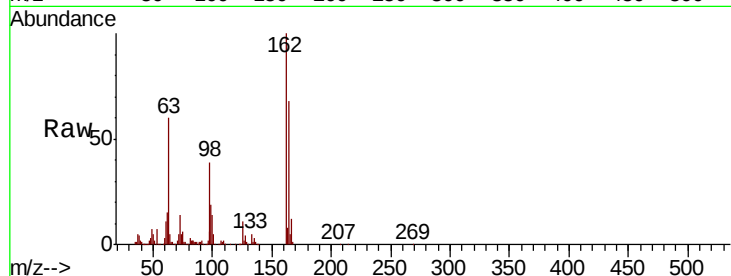
Tot Ion:162 Resp: 324708

Ion Ratio Lower Upper

162 100

164 67.5 45.2 85.2

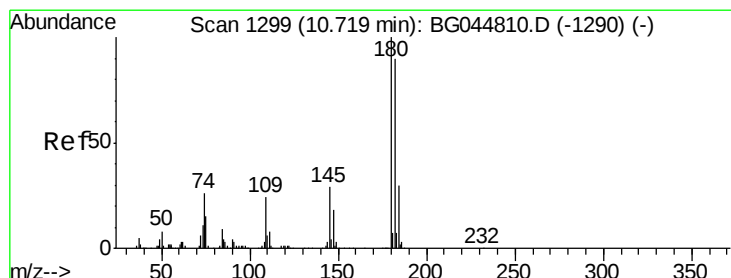
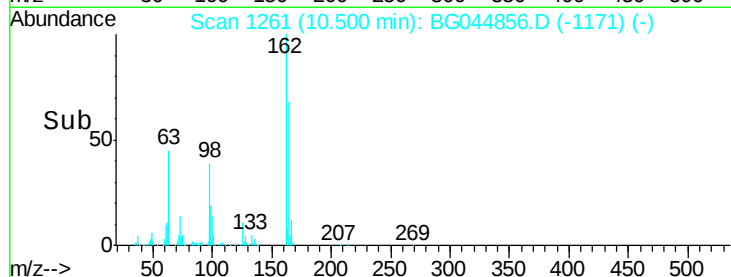
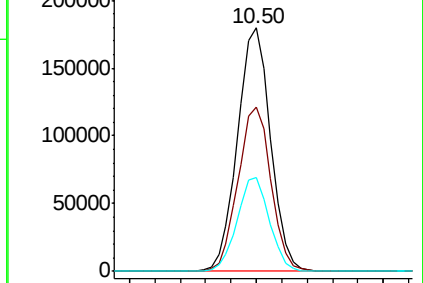
98 38.5 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 48.117 ng

RT: 10.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

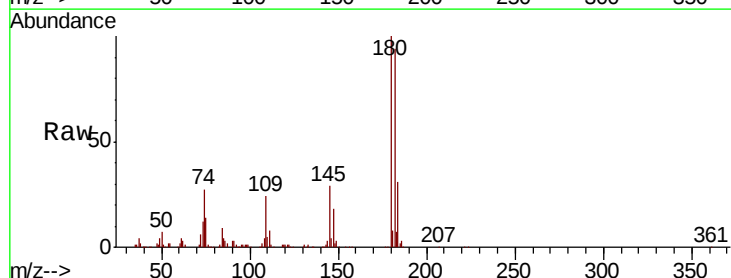
Tgt Ion:180 Resp: 349062

Ion Ratio Lower Upper

180 100

182 94.1 71.6 107.4

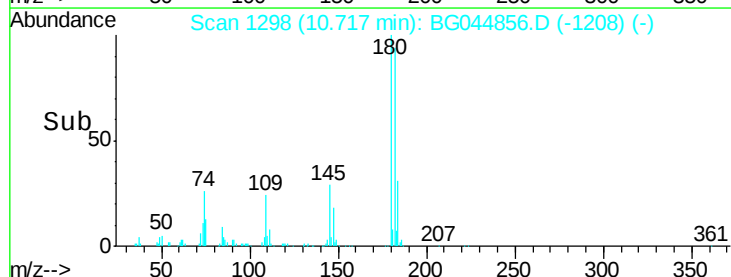
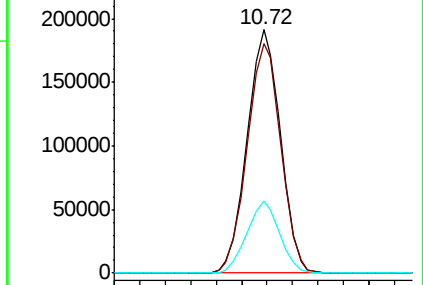
145 29.5 23.4 35.0

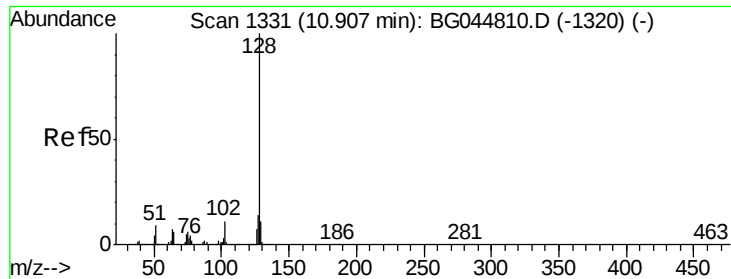


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

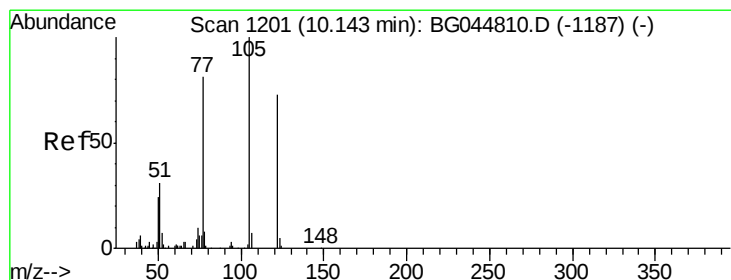
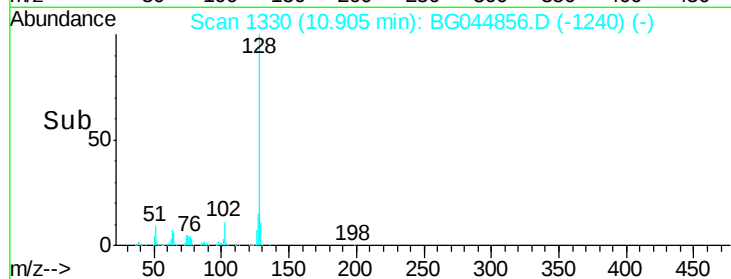
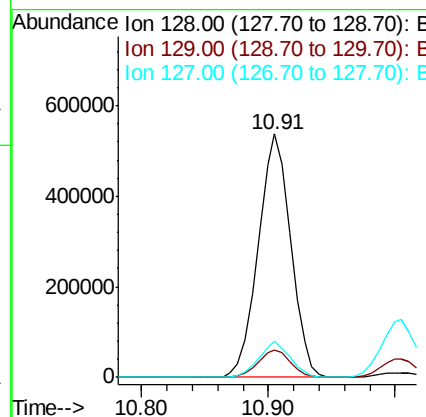
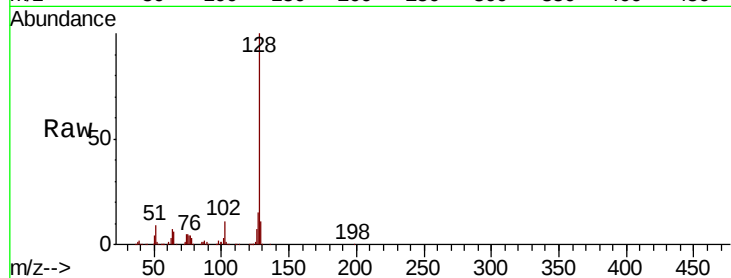




#31
Naphthalene
Concen: 48.287 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

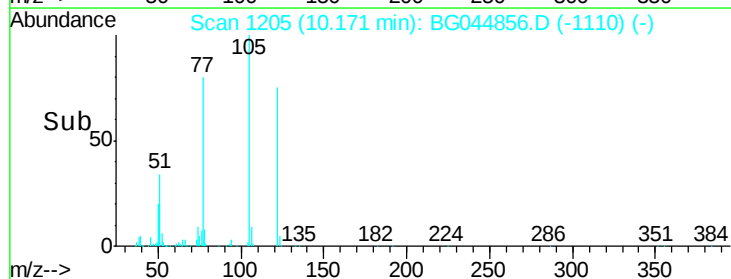
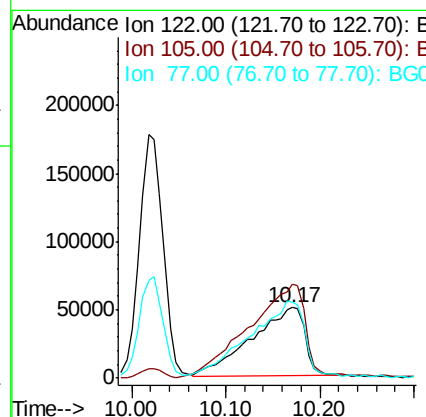
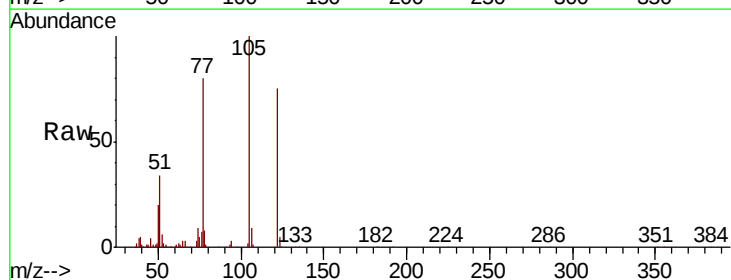
Instrument :
BNA_G
ClientSampleId :

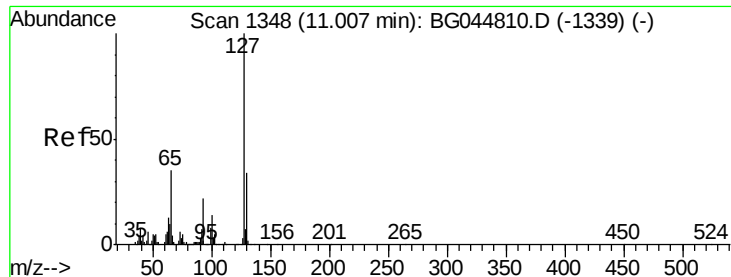
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	14.9	10.8	16.2



#32
Benzoic acid
Concen: 49.168 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.03 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.1	109.1	149.1
77	107.3	85.3	125.3

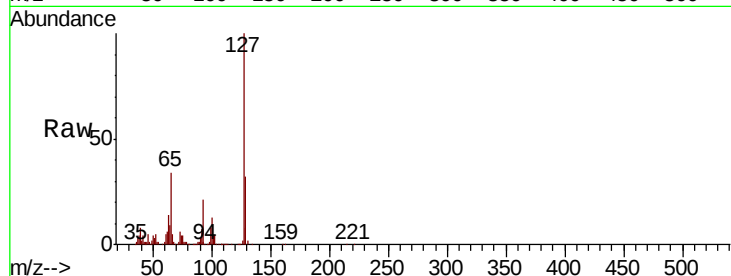




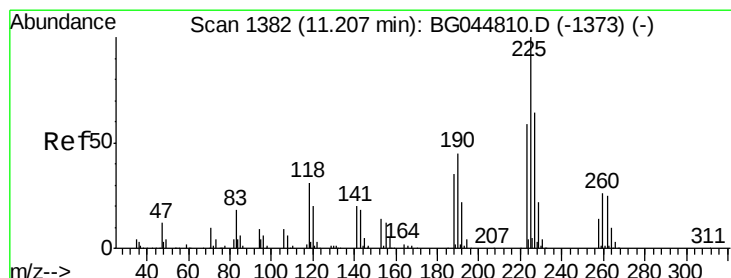
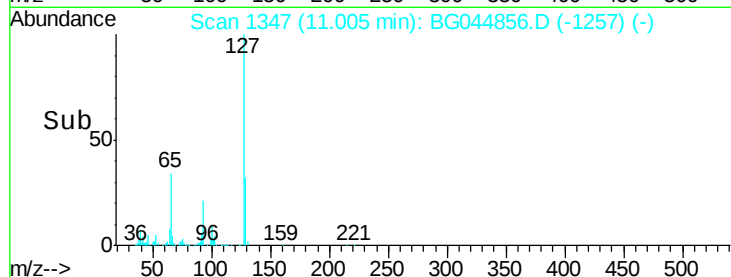
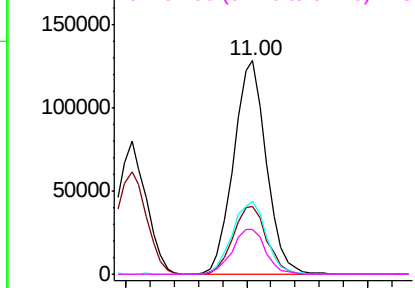
#33
4-Chloroaniline
Concen: 26.946 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	241178
Ion Ratio	Lower	Upper
127 100		
129 32.0	26.9	40.3
65 34.4	27.7	41.5
92 21.1	17.4	26.2

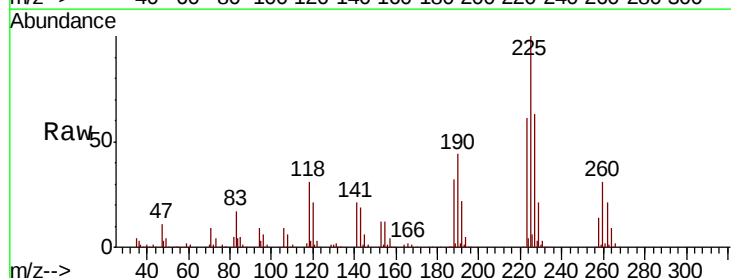


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

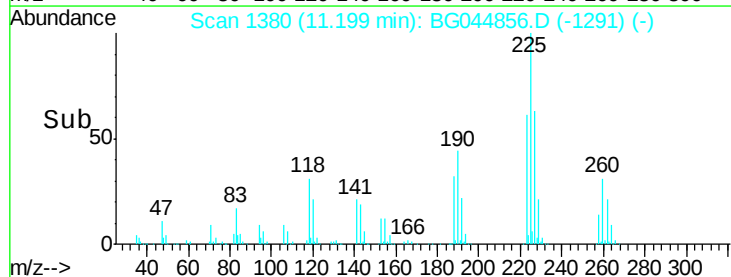
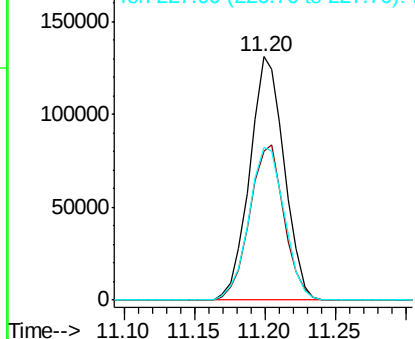


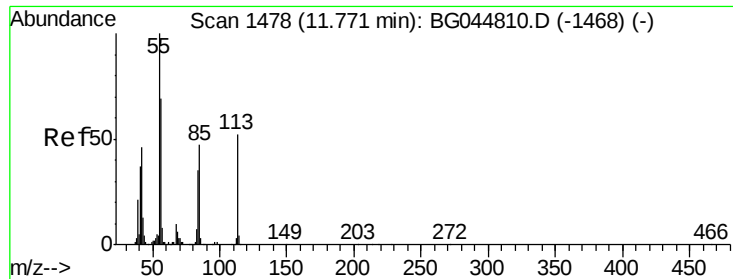
#34
Hexachlorobutadiene
Concen: 47.200 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion	225	Resp: Lower	225175 Upper
	Ratio		
225	100		
223	61.3	47.4	71.0
227	62.8	50.8	76.2



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

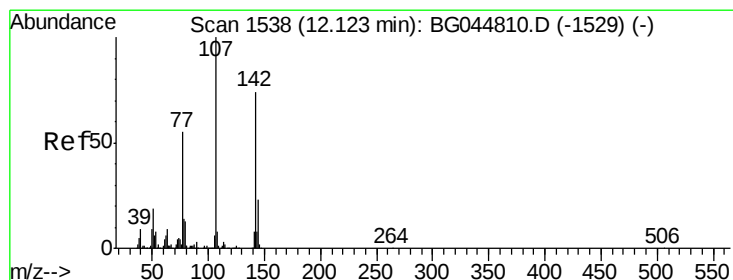
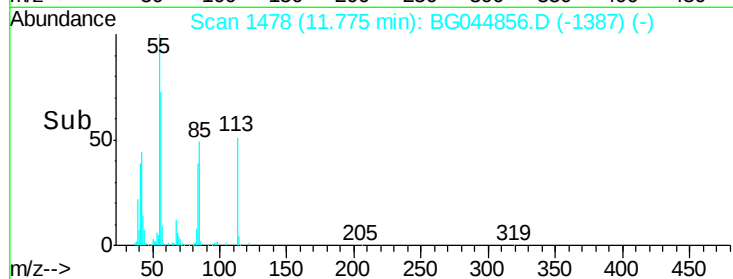
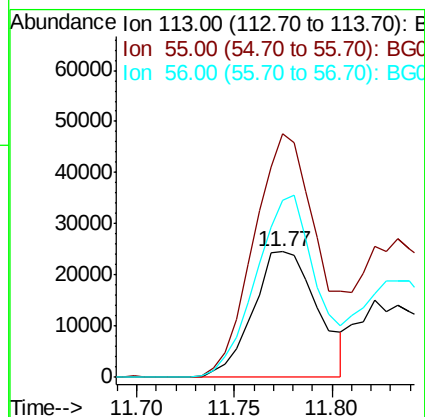
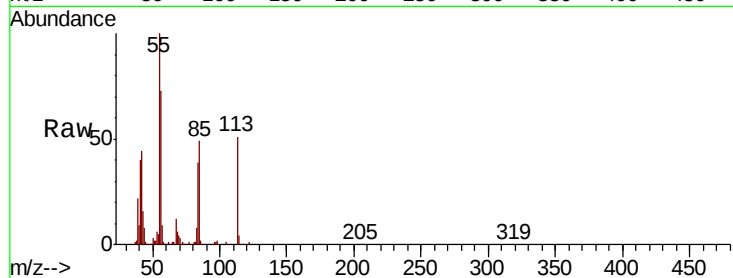




#35
 Caprolactam
 Concen: 24.548 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

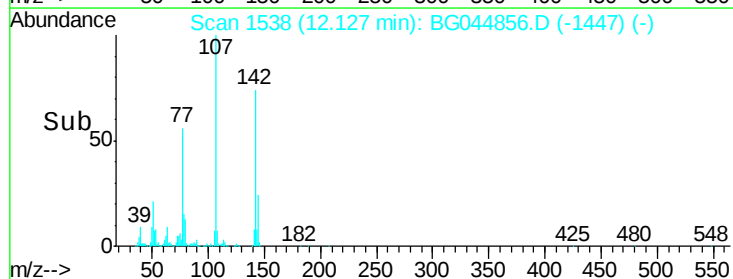
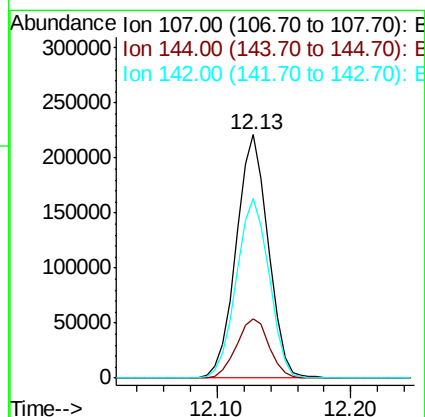
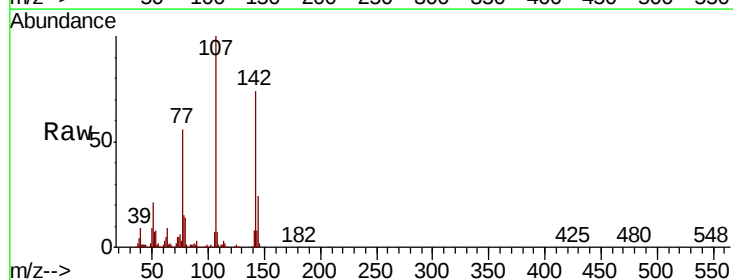
Instrument :
 BNA_G
 ClientSampleId :

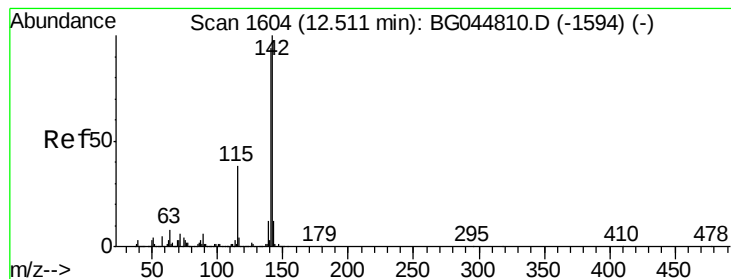
Tot Ion:113 Resp: 56389
 Ion Ratio Lower Upper
 113 100
 55 194.3 173.8 213.8
 56 141.7 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 50.959 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion:107 Resp: 368738
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.0 27.0
 142 73.7 59.0 88.4





#37

2-Methylnaphthalene

Concen: 48.057 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

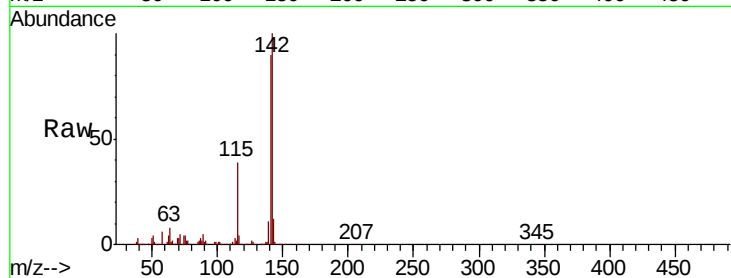
Tot Ion:142 Resp: 714164

Ion Ratio Lower Upper

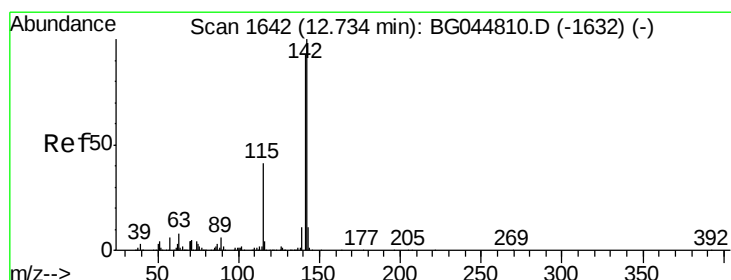
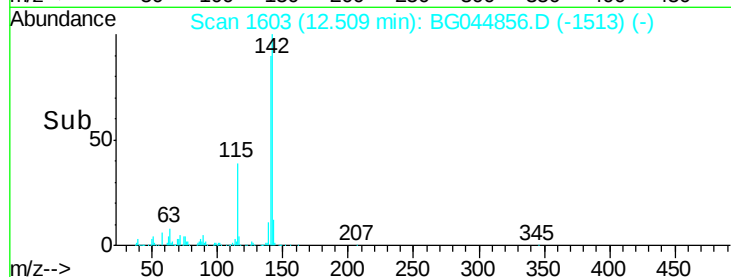
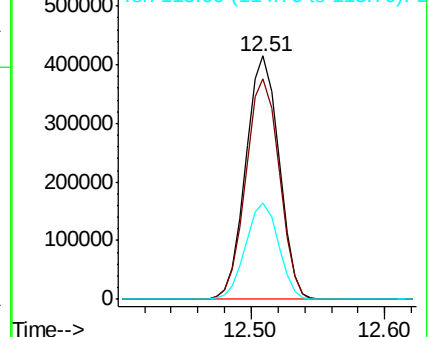
142 100

141 90.5 75.1 112.7

115 39.4 30.6 46.0



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: 48.414 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

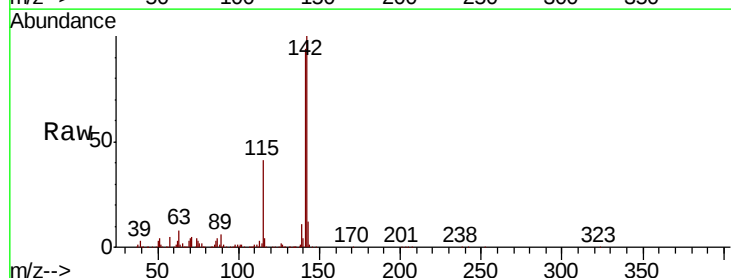
Tgt Ion:142 Resp: 676390

Ion Ratio Lower Upper

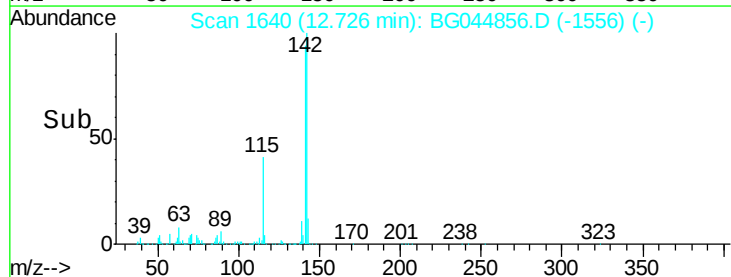
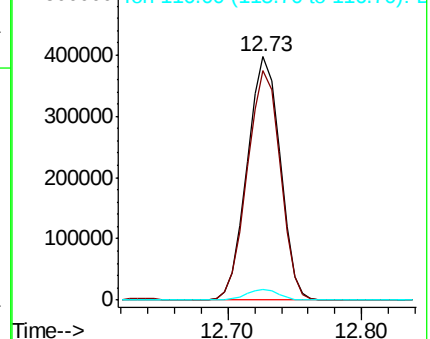
142 100

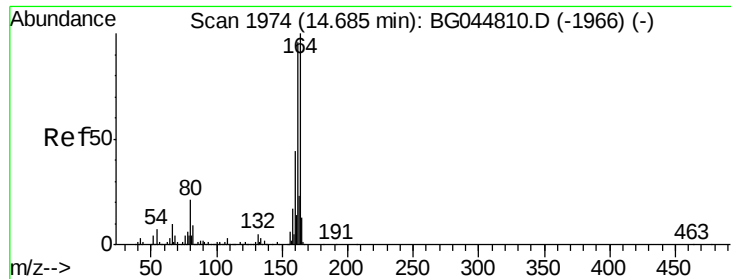
141 94.2 74.7 112.1

116 4.5 3.3 4.9



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: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

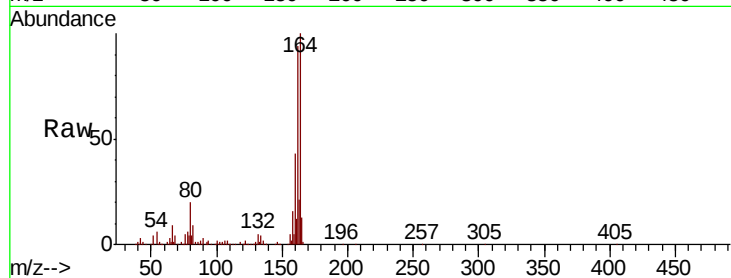
Tot Ion:164 Resp: 240219

Ion Ratio Lower Upper

164 100

162 94.1 76.7 115.1

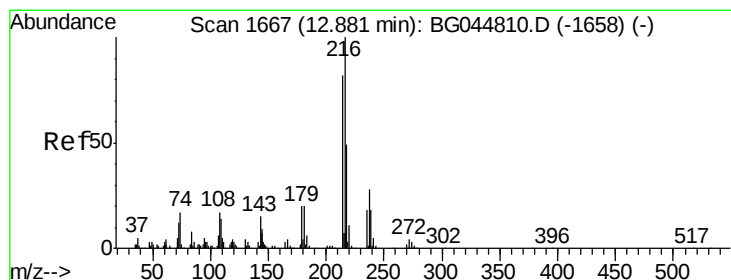
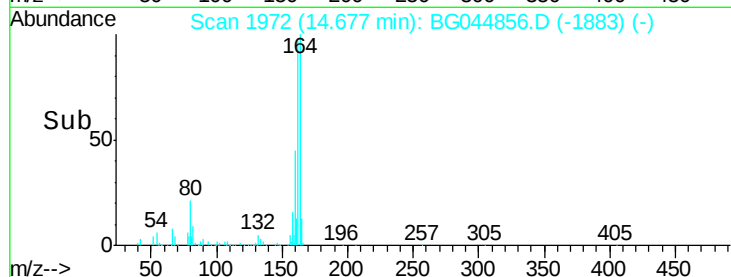
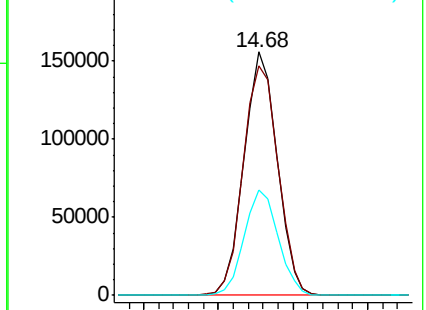
160 43.4 35.0 52.4



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: 49.046 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:216 Resp: 388006

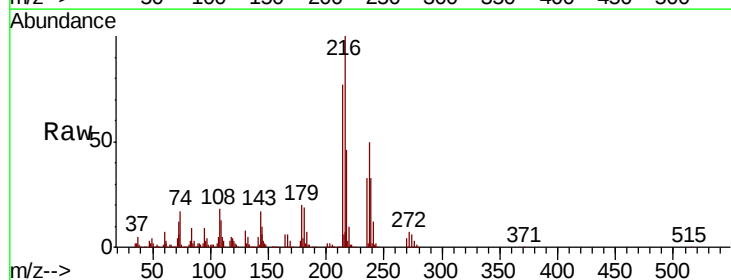
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 19.9 16.2 24.2

108 20.2 14.6 22.0

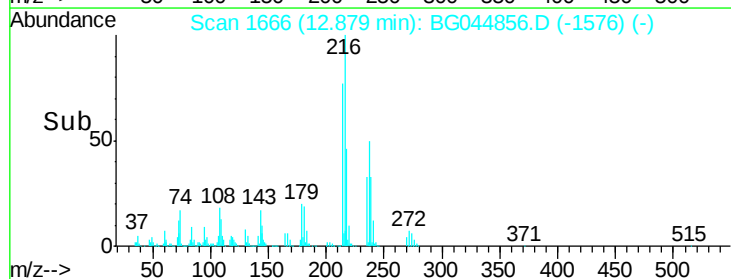
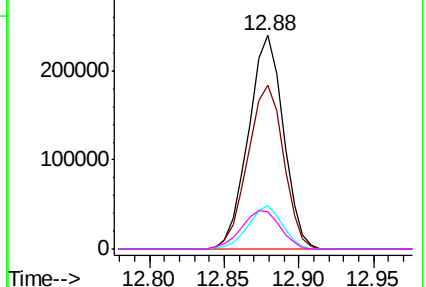


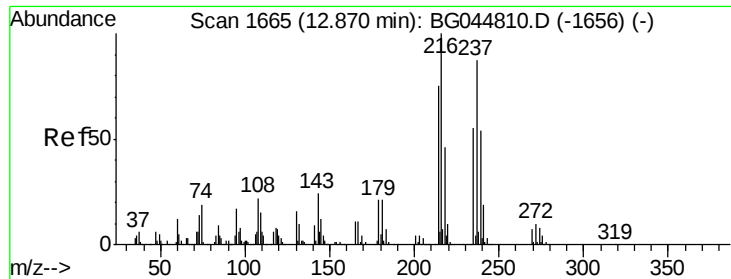
Abundance Ion 216.00 (215.70 to 216.70): E

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: 113.297 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

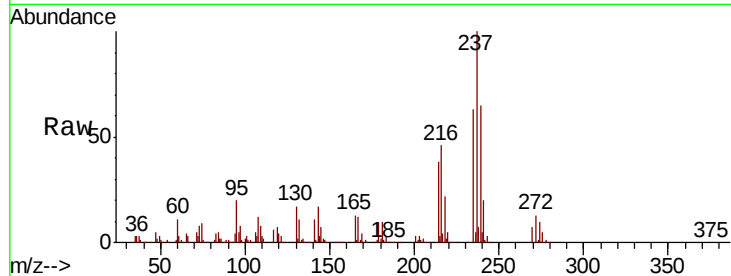
Tot Ion:237 Resp: 489836

Ion Ratio Lower Upper

237 100

235 62.6 42.9 82.9

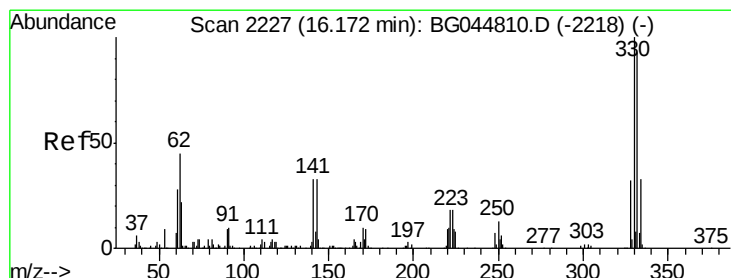
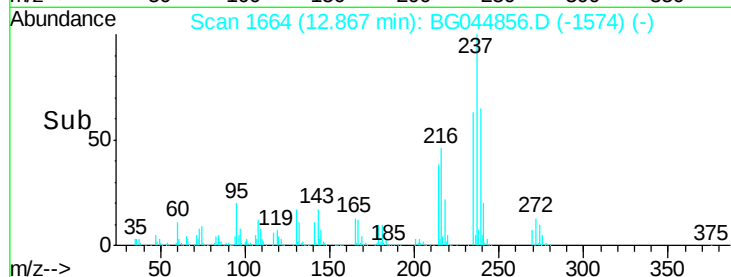
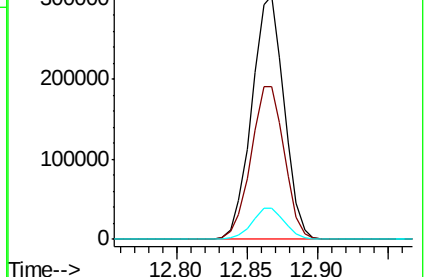
272 12.6 0.0 31.6



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: 160.594 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

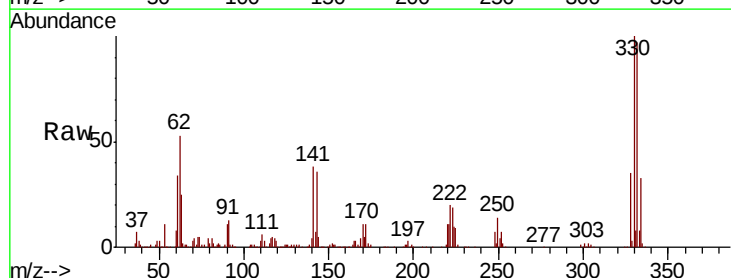
Tgt Ion:330 Resp: 505117

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

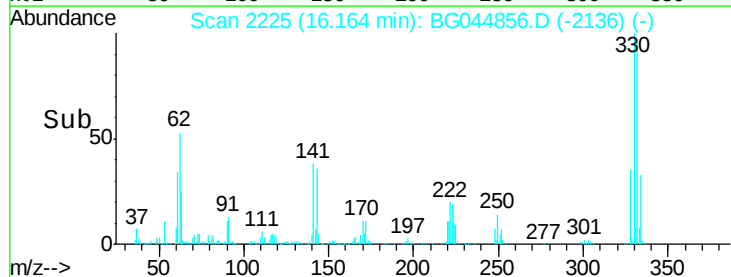
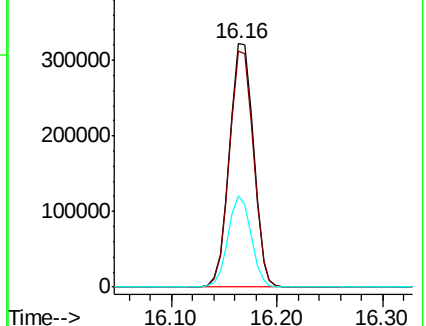
141 36.1 29.5 44.3

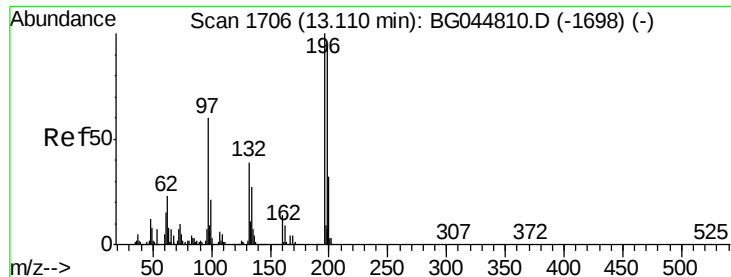


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

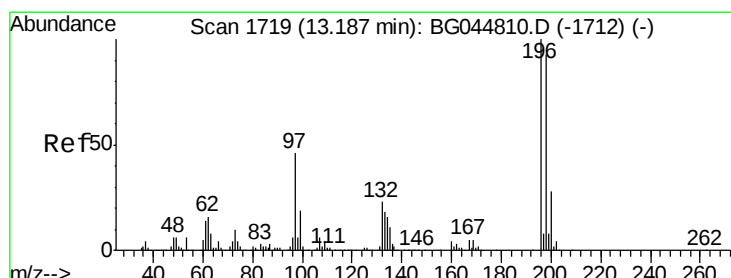
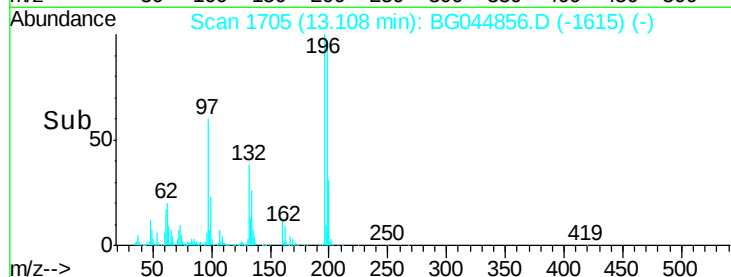
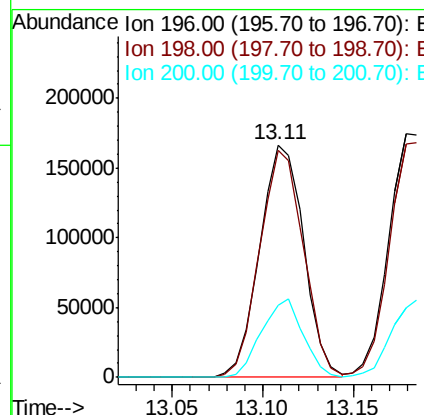
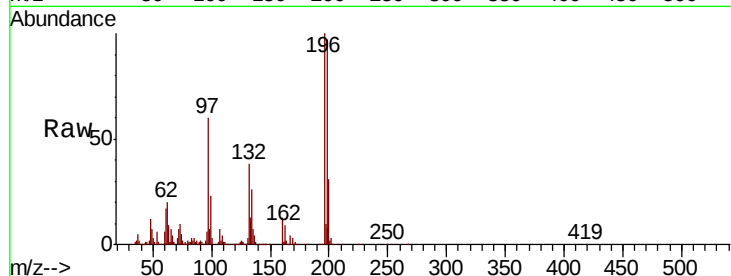




#43
 2,4,6-Trichlorophenol
 Concen: 53.668 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

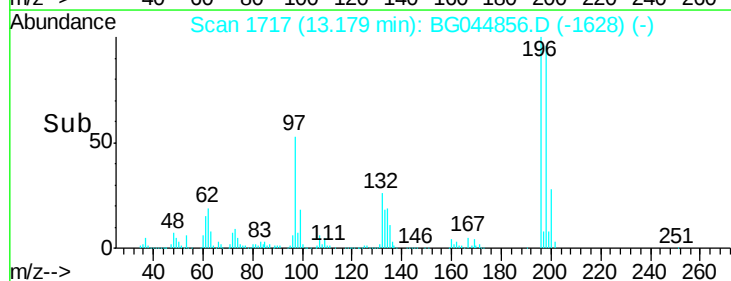
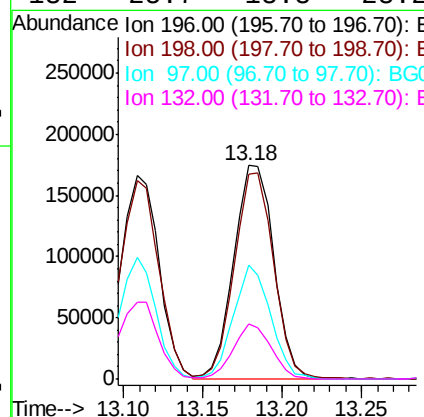
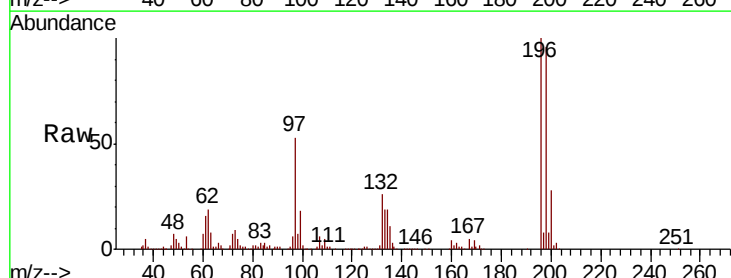
Instrument :
 BNA_G
 ClientSampleId :

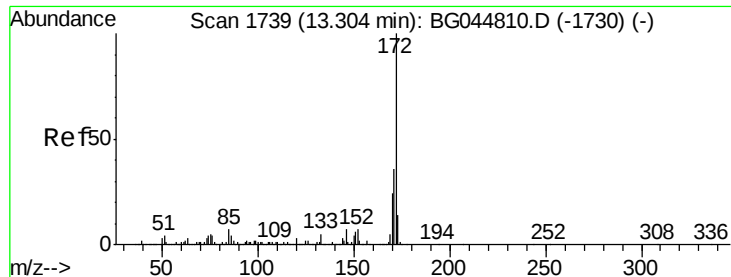
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.9	112.3
200	31.1	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 55.819 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.2	111.4
97	53.4	36.7	55.1
132	25.7	18.8	28.2

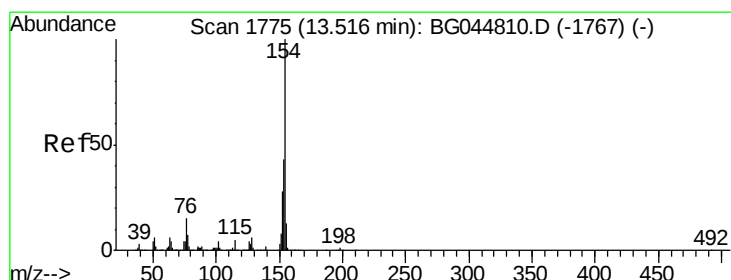
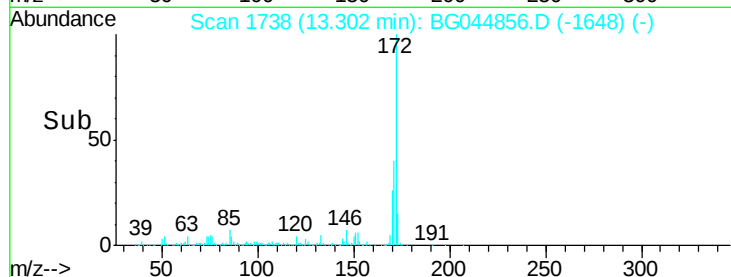
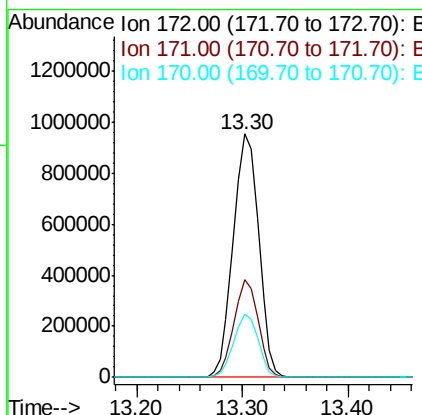
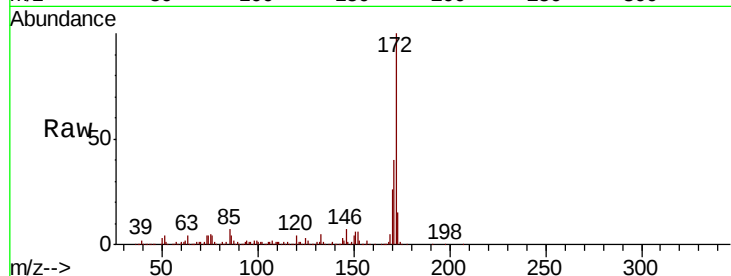




#45
2-Fluorobiphenyl
Concen: 94.798 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

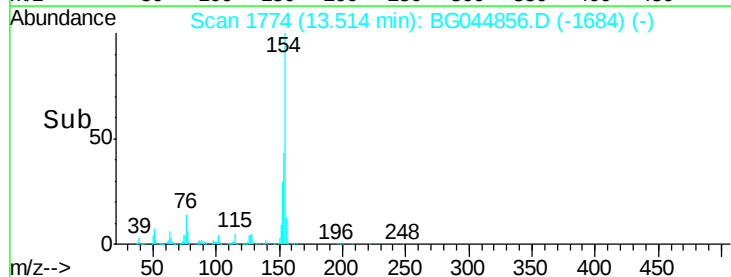
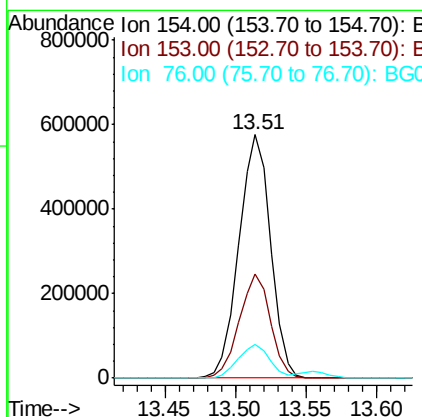
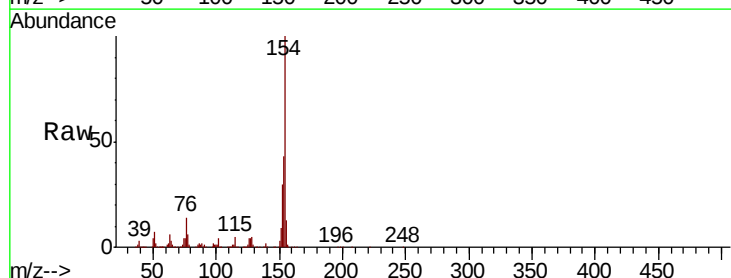
Instrument :
BNA_G
ClientSampleId :

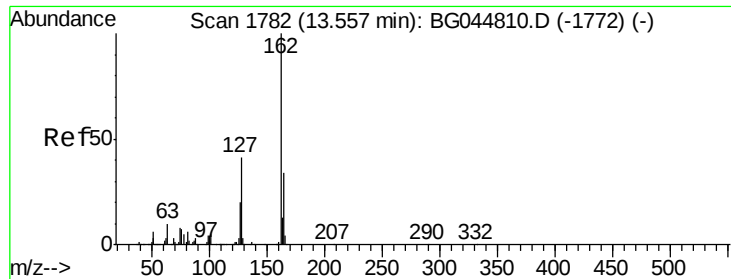
Tot Ion:172 Resp: 1590207
Ion Ratio Lower Upper
172 100
171 40.2 28.7 43.1
170 26.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 46.964 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion:154 Resp: 901546
Ion Ratio Lower Upper
154 100
153 42.8 22.9 62.9
76 13.8 0.0 34.6

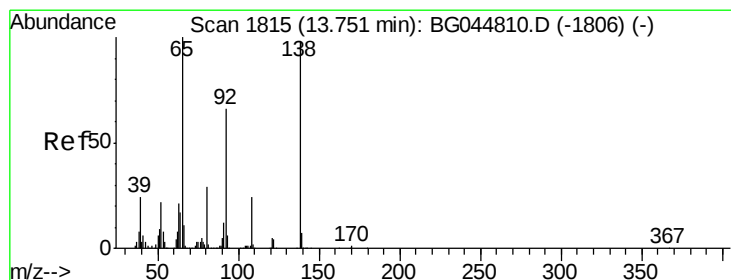
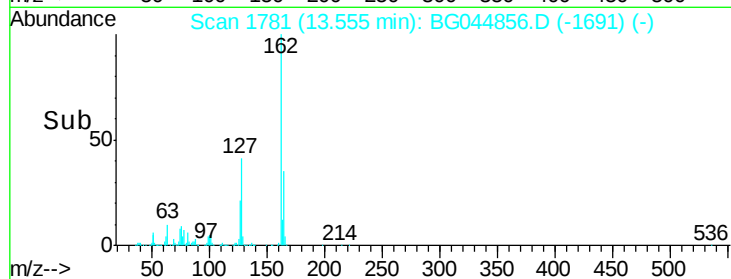
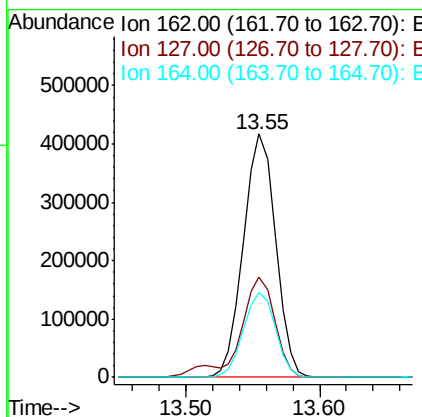
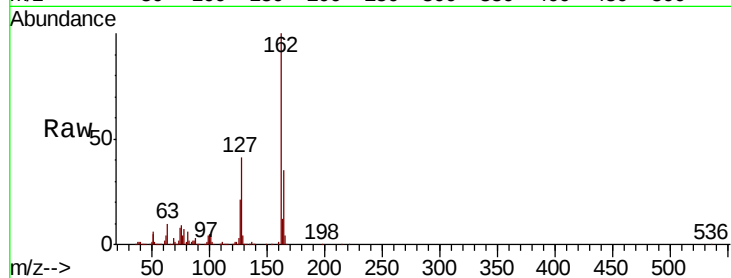




#47
 2-Chloronaphthalene
 Concen: 47.316 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

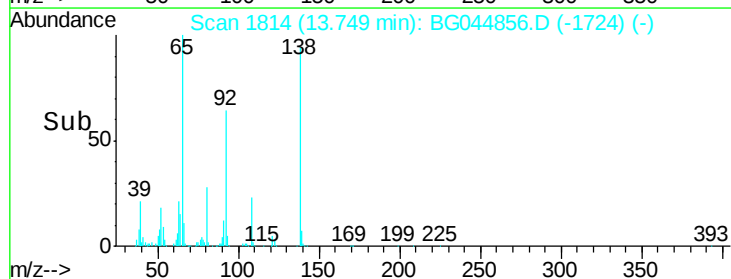
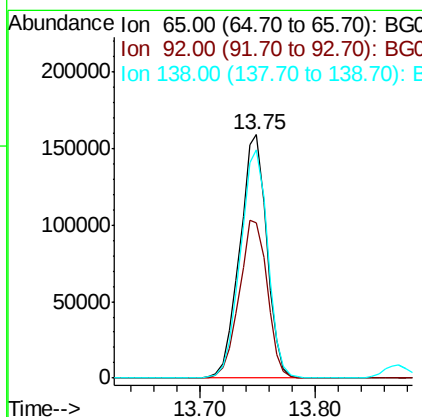
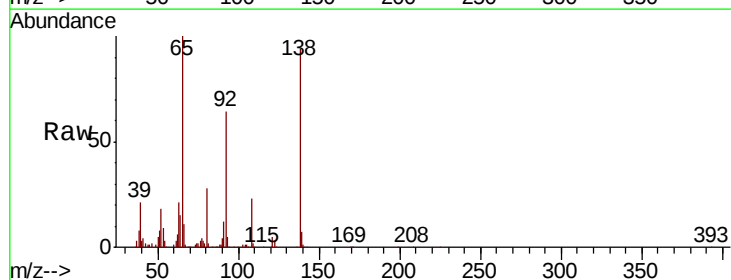
Instrument :
 BNA_G
 ClientSampled :

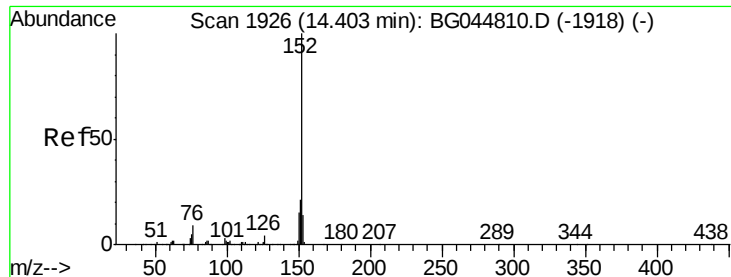
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.1	49.7
164	34.7	27.4	41.2



#48
 2-Nitroaniline
 Concen: 50.268 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	52.6	79.0
138	94.0	78.3	117.5





#49

Acenaphthylene

Concen: 50.330 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

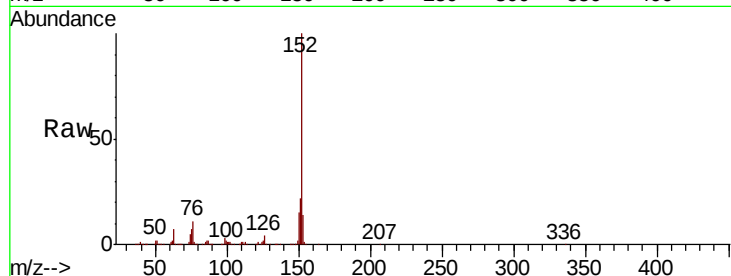
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1156279

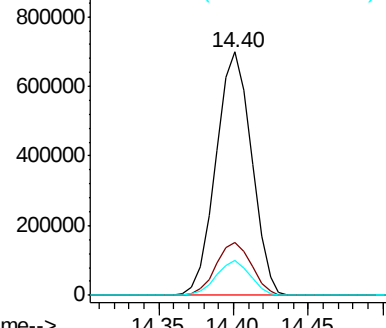
Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.8	25.2
153	14.2	10.8	16.2



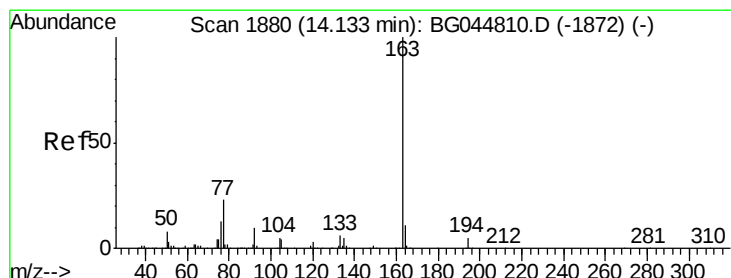
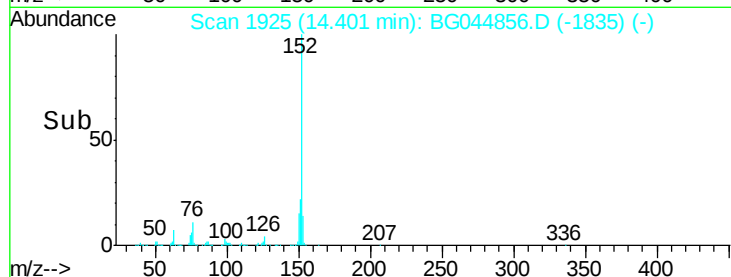
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 47.492 ng

RT: 14.13 min Scan# 1879

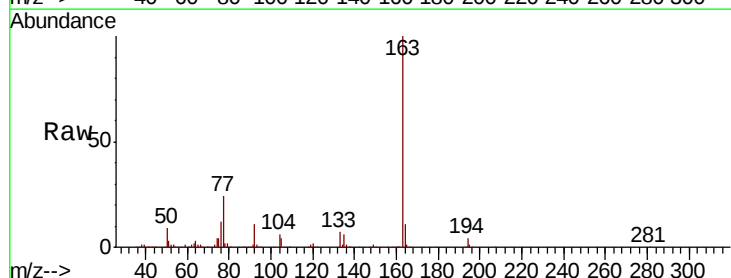
Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:163 Resp: 908641

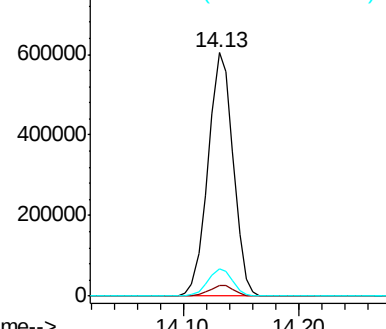
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	11.4	9.1	13.7



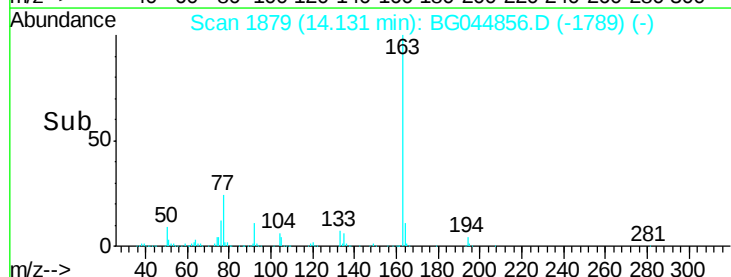
Abundance Ion 163.00 (162.70 to 163.70): E

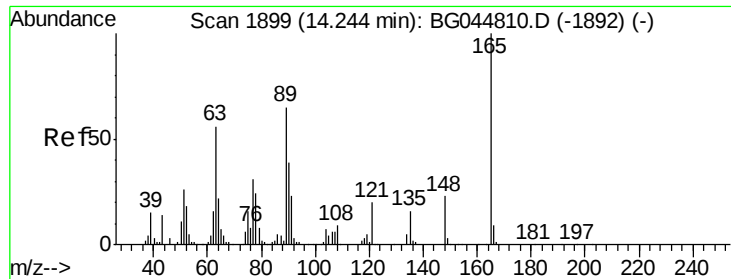
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

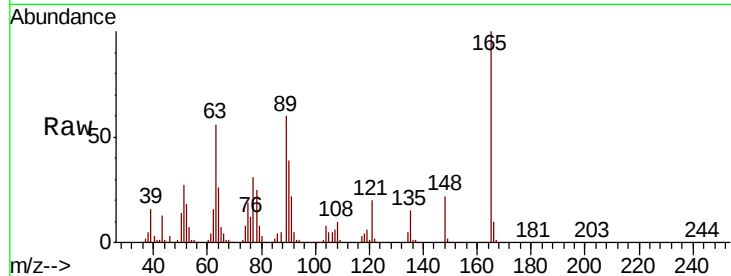




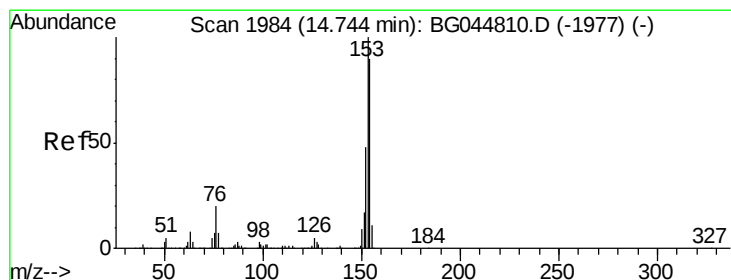
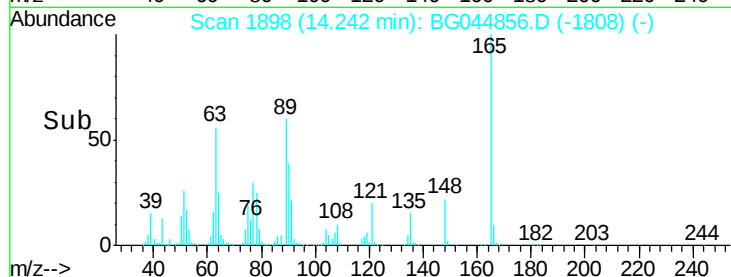
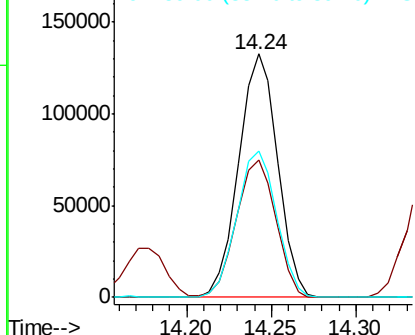
#51
 2,6-Dinitrotoluene
 Concen: 55.059 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 212334
 Ion Ratio Lower Upper
 165 100
 63 56.5 45.8 68.8
 89 60.2 51.8 77.6

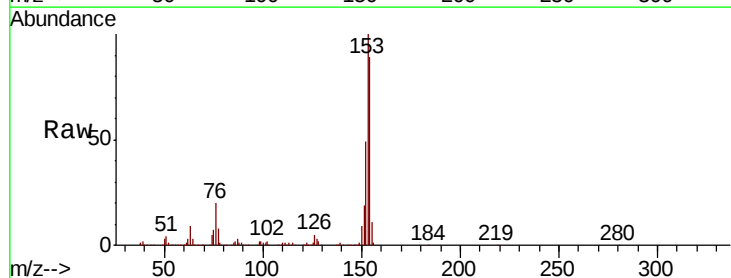


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

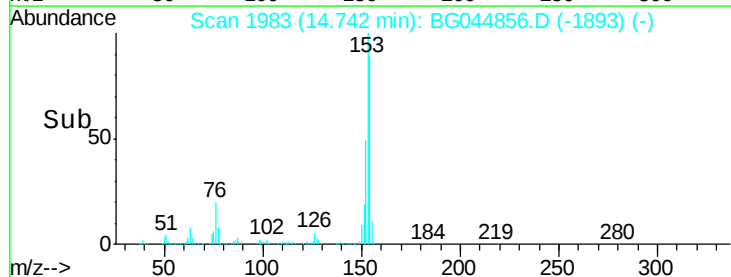
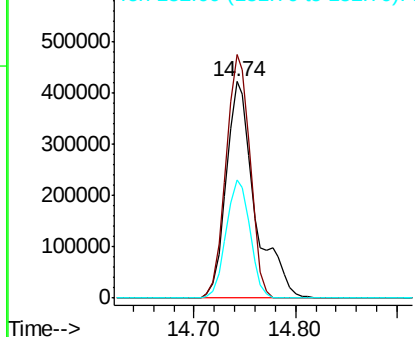


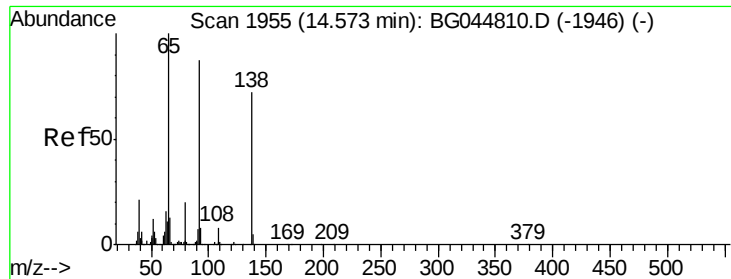
#52
 Acenaphthene
 Concen: 55.063 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion:154 Resp: 828475
 Ion Ratio Lower Upper
 154 100
 153 112.5 89.0 133.6
 152 54.6 43.0 64.6



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

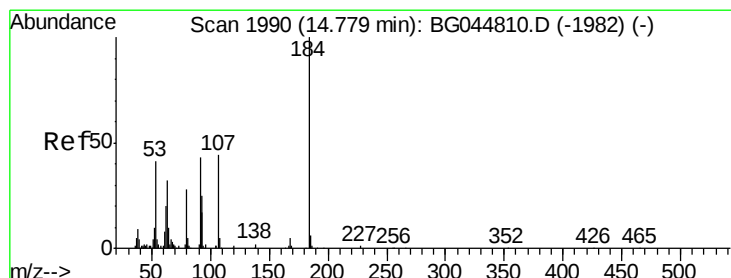
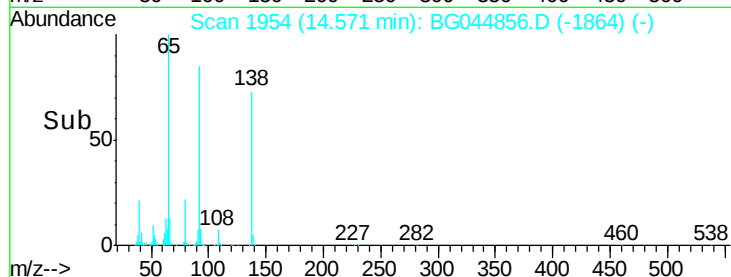
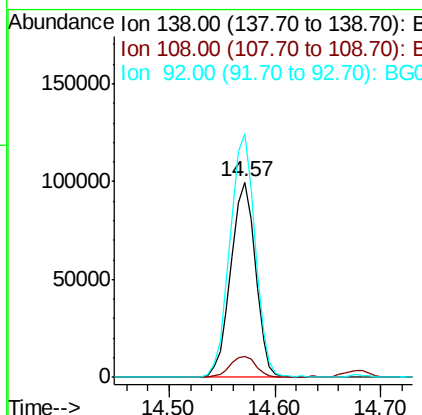
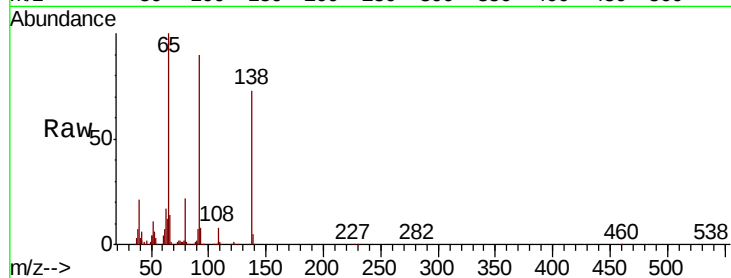




#53
 3-Nitroaniline
 Concen: 36.360 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

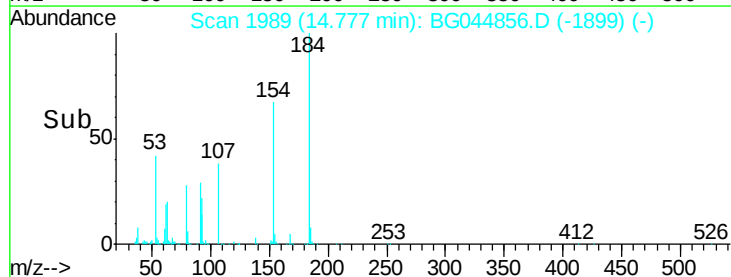
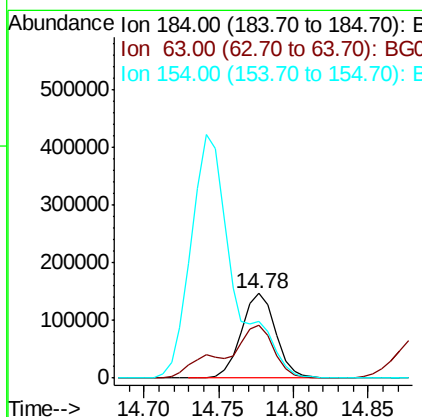
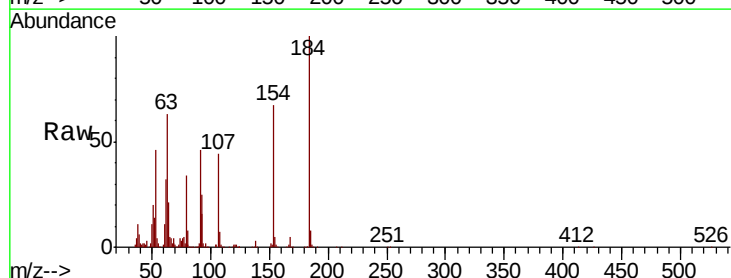
Instrument :
 BNA_G
 ClientSampleId :

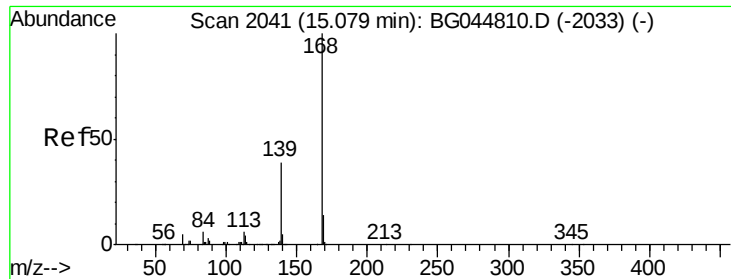
Tot Ion:138 Resp: 161213
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.0 13.4
 92 124.6 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 112.164 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion:184 Resp: 233562
 Ion Ratio Lower Upper
 184 100
 63 62.8 45.5 68.3
 154 66.7 49.1 73.7





#55

Dibenzofuran

Concen: 49.429 ng

RT: 15.08 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

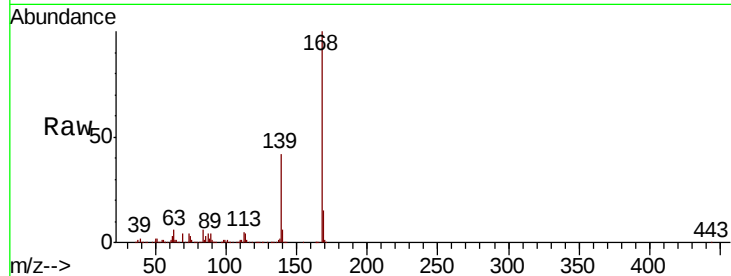
Tot Ion:168 Resp: 1078469

Ion	Ratio	Lower	Upper
168	100		
139	42.2	31.4	47.0
169	14.8	11.1	16.7

168 100

139 42.2 31.4 47.0

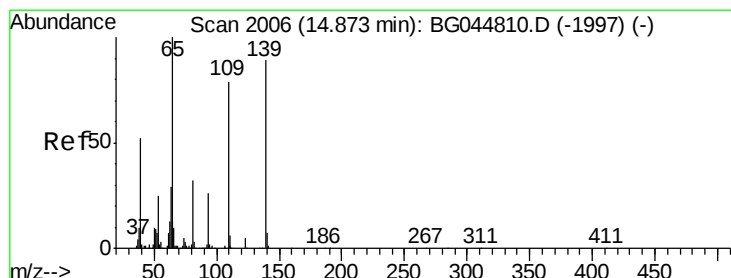
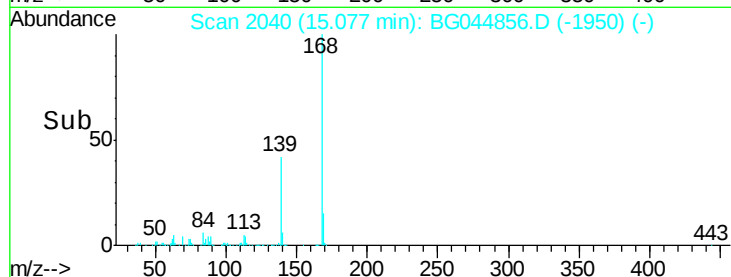
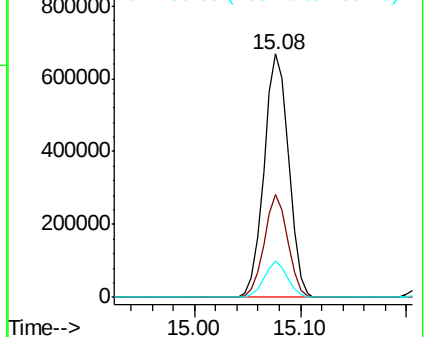
169 14.8 11.1 16.7



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: 107.833 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

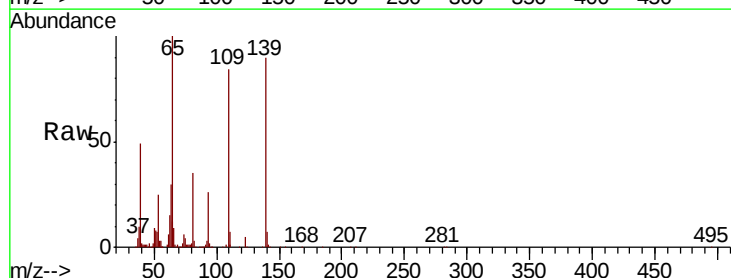
Tgt Ion:139 Resp: 364886

Ion	Ratio	Lower	Upper
139	100		
109	93.9	68.8	108.8
65	111.2	92.5	132.5

139 100

109 93.9 68.8 108.8

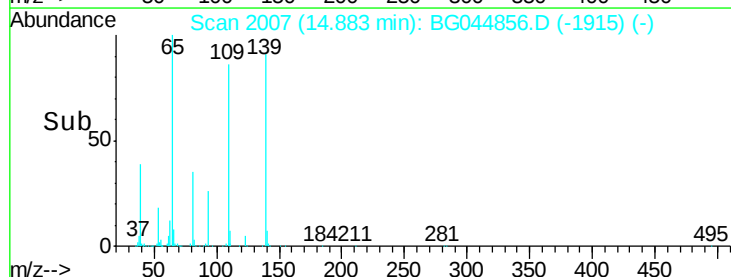
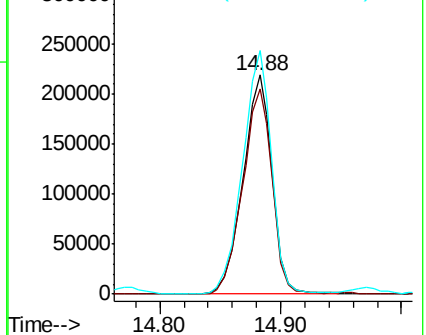
65 111.2 92.5 132.5

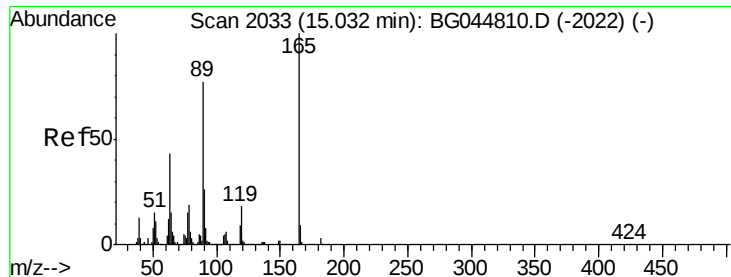


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

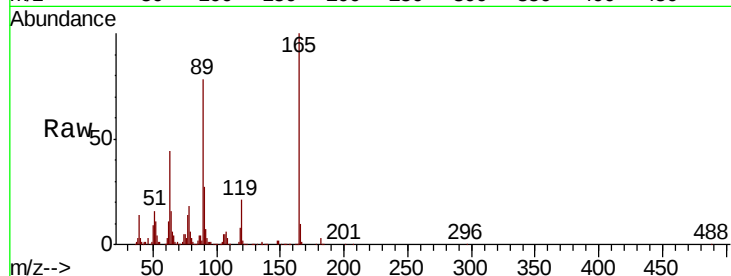




#57
 2,4-Dinitrotoluene
 Concen: 56.881 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	34.6	52.0
89	77.9	61.3	91.9
182	2.9	2.2	3.2

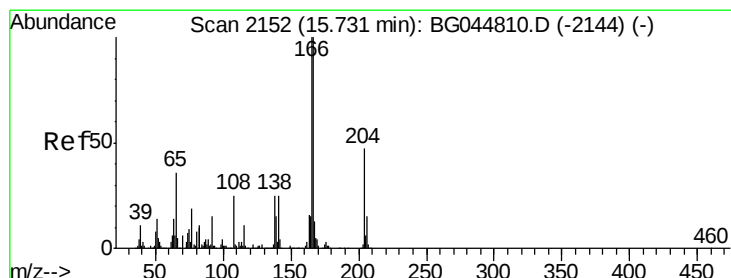
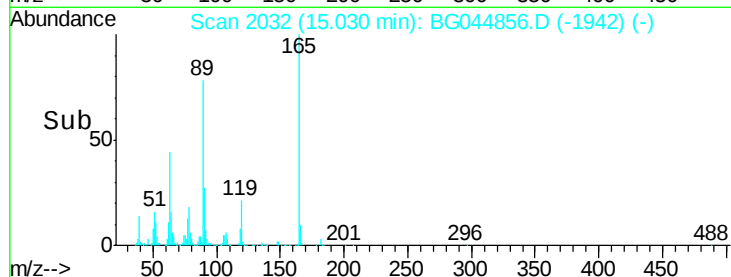
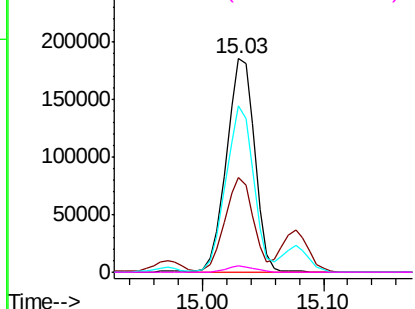


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

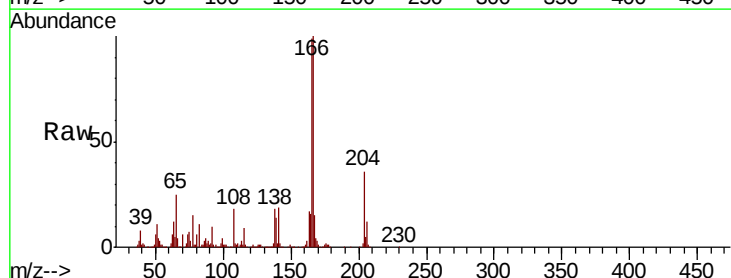
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 49.038 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

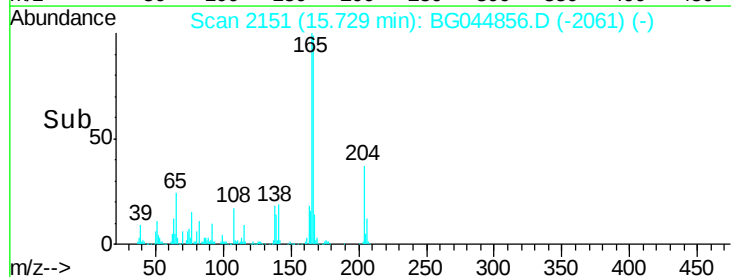
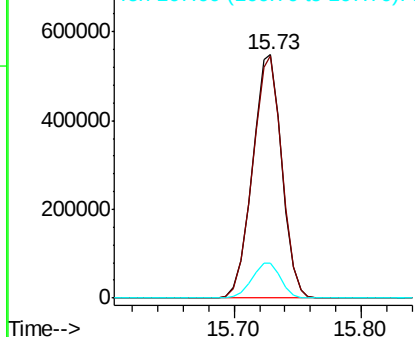
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	14.6	10.6	16.0

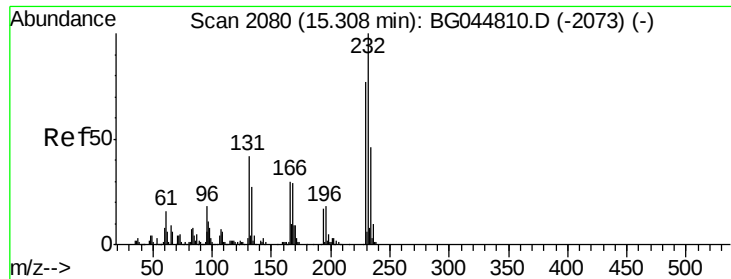


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

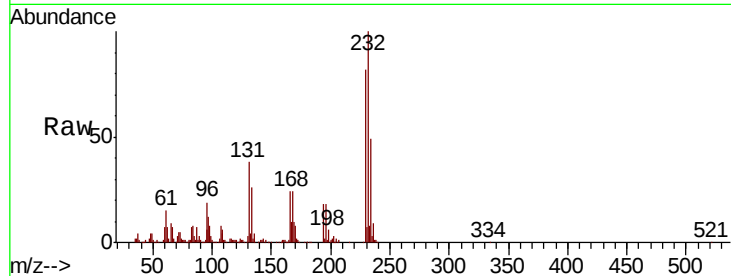




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.024 ng
 RT: 15.22 min Scan# 2064
 Delta R.T. -0.09 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	280841
Ion Ratio	Lower	Upper
232	100	
131	39.3	31.8 47.8
130	2.6	2.2 3.2
166	24.5	20.2 30.2

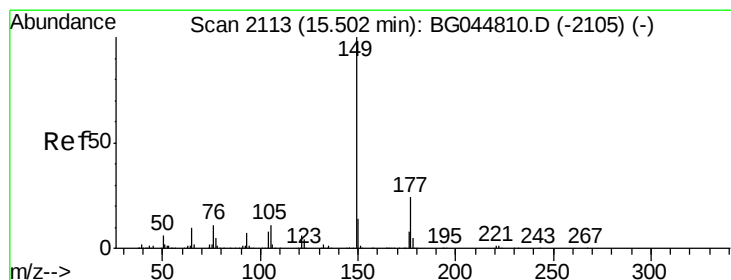
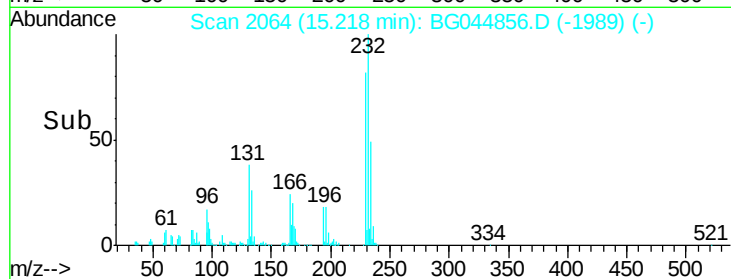
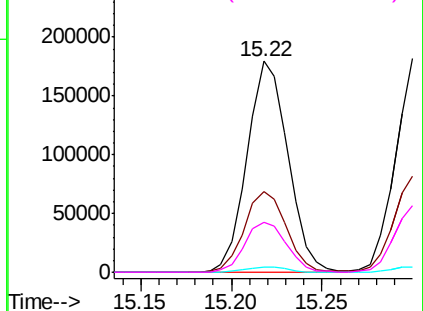


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

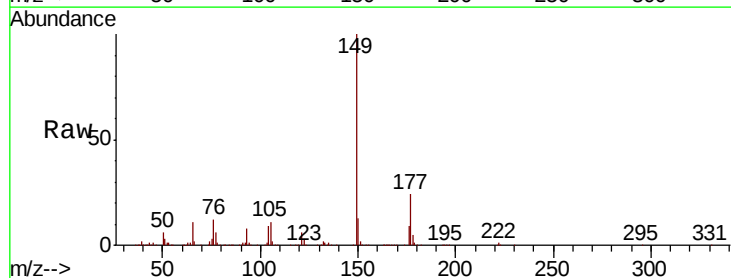
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 46.636 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

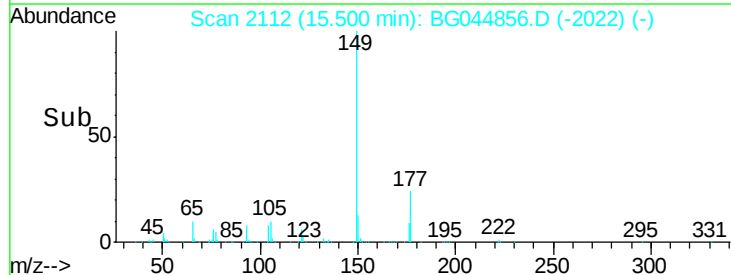
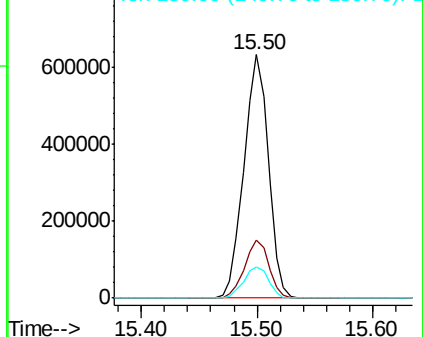
Tgt Ion:149	Resp:	930623
Ion Ratio	Lower	Upper
149	100	
177	24.0	19.3 28.9
150	13.0	11.0 16.6

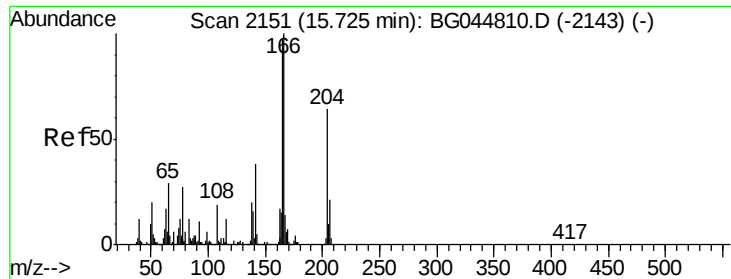


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

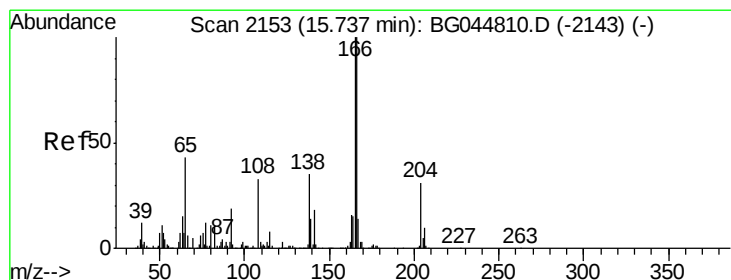
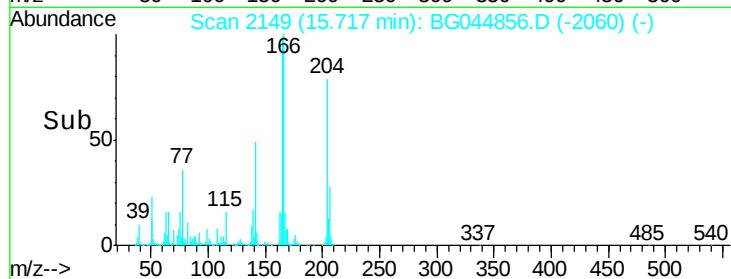
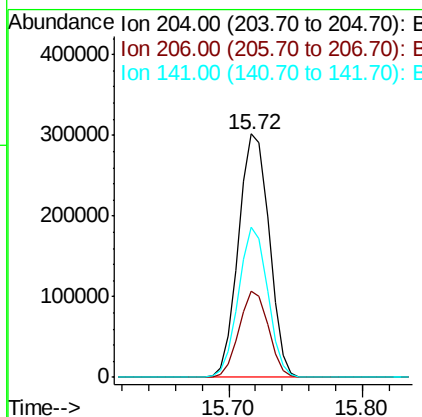
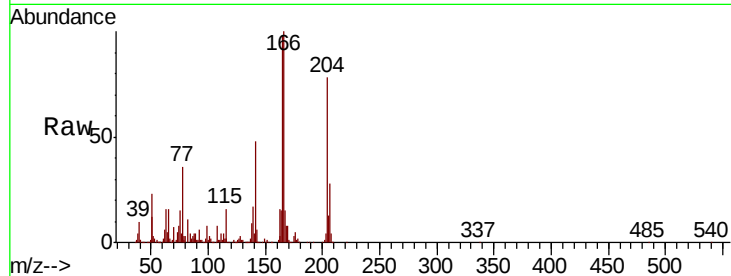




#61
 4-Chlorophenyl-phenylether
 Concen: 49.682 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

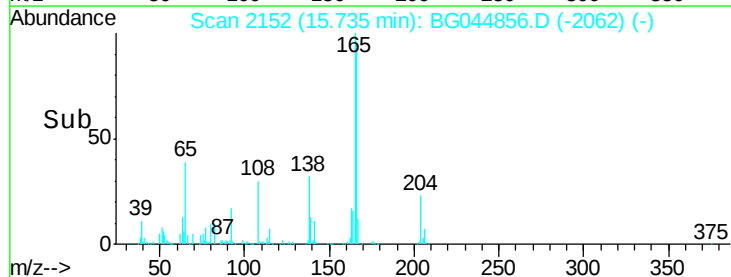
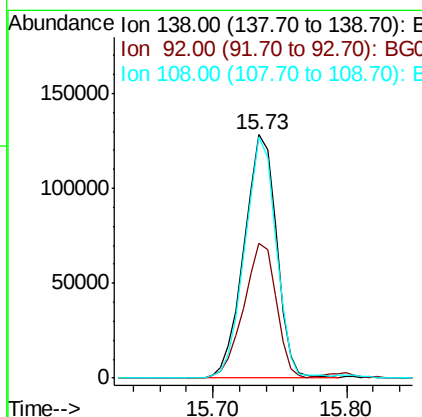
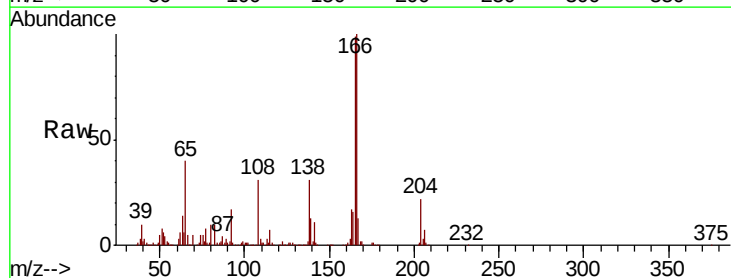
Instrument :
 BNA_G
 ClientSampled :

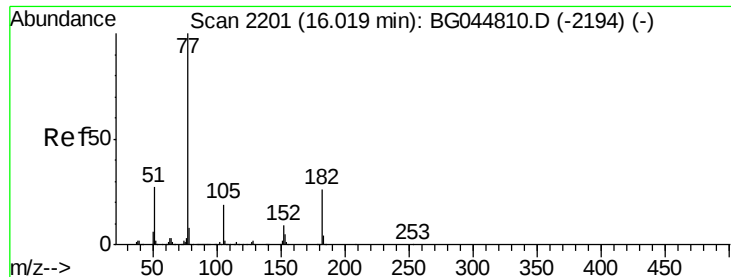
Tot Ion:204 Resp: 480138
 Ion Ratio Lower Upper
 204 100
 206 35.3 26.2 39.2
 141 61.8 47.7 71.5



#62
 4-Nitroaniline
 Concen: 45.555 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044856.D
 Acq: 18 Mar 2020 8:22

Tgt Ion:138 Resp: 215378
 Ion Ratio Lower Upper
 138 100
 92 55.6 34.5 74.5
 108 99.2 74.5 114.5





#63

Azobenzene

Concen: 45.827 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 949632

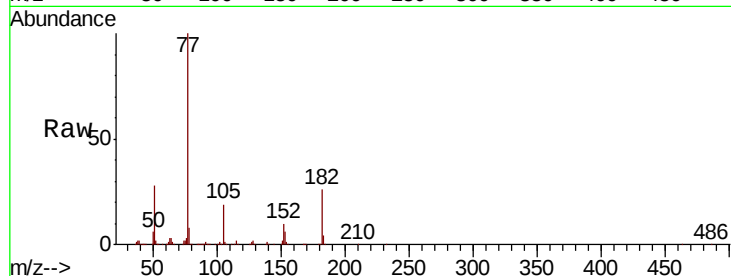
Ion Ratio Lower Upper

77 100

182 26.3 6.4 46.4

105 19.4 0.0 39.1

51 27.9 7.3 47.3

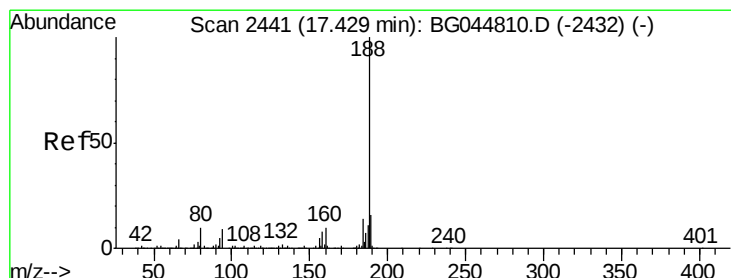
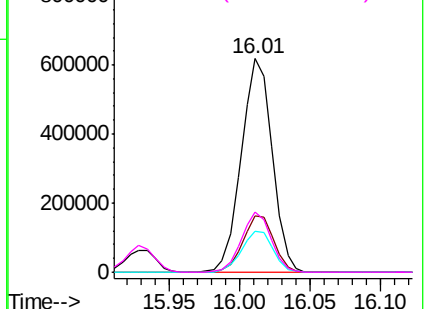
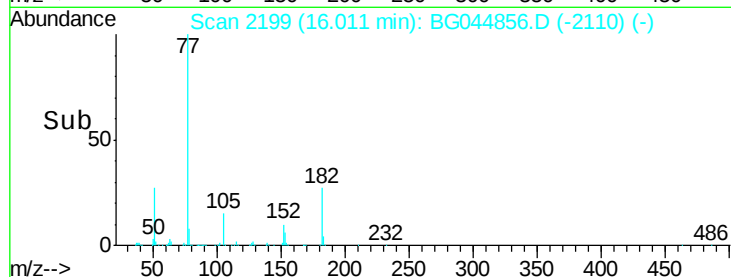


Abundance Ion 77.00 (76.70 to 77.70): BG044856.D (-2110) (-)

Ion 182.00 (181.70 to 182.70): BG044856.D (-2110) (-)

Ion 105.00 (104.70 to 105.70): BG044856.D (-2110) (-)

Ion 51.00 (50.70 to 51.70): BG044856.D (-2110) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

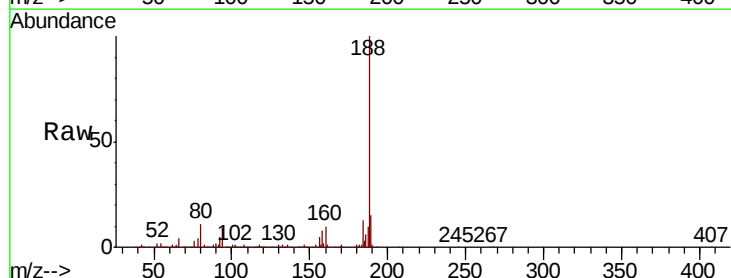
Tgt Ion: 188 Resp: 550437

Ion Ratio Lower Upper

188 100

94 8.6 7.3 10.9

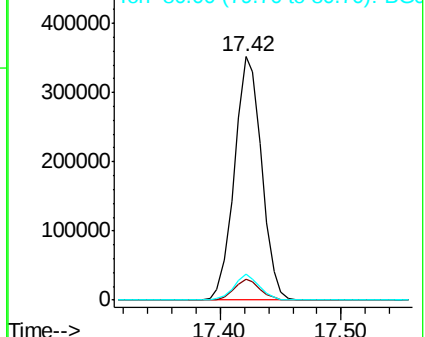
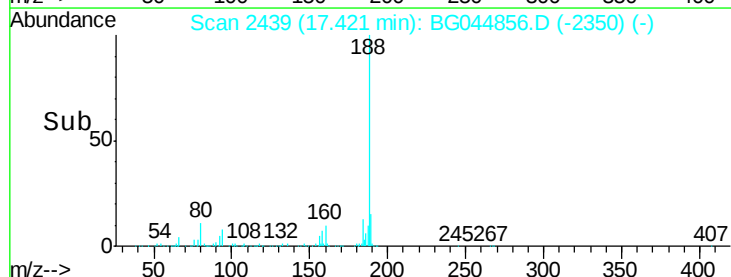
80 10.7 8.0 12.0

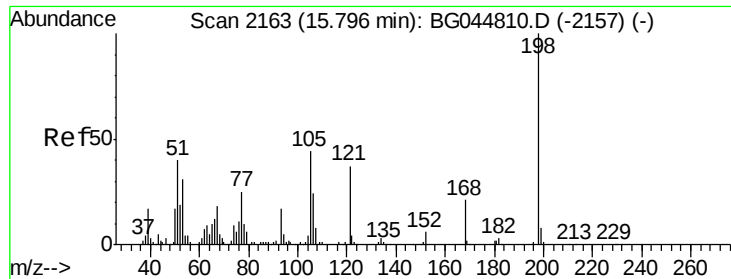


Abundance Ion 188.00 (187.70 to 188.70): BG044856.D (-2350) (-)

Ion 94.00 (93.70 to 94.70): BG044856.D (-2350) (-)

Ion 80.00 (79.70 to 80.70): BG044856.D (-2350) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 62.958 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

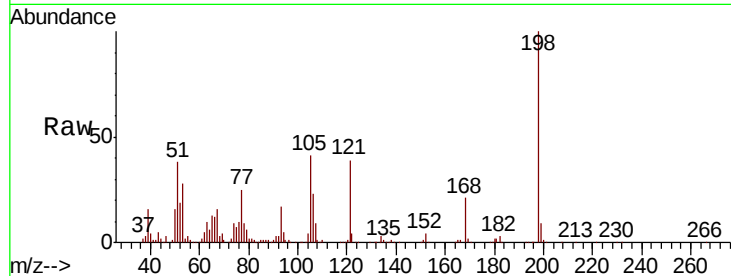
Tot Ion:198 Resp: 170513

Ion Ratio Lower Upper

198 100

51 38.2 21.1 61.1

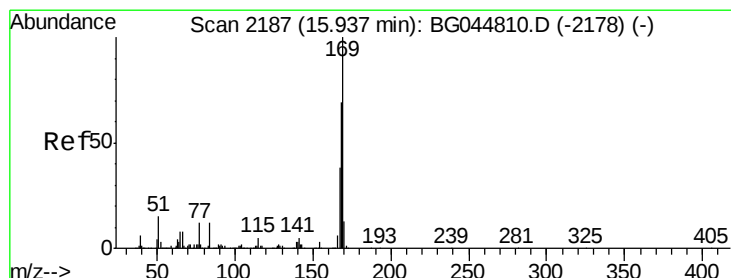
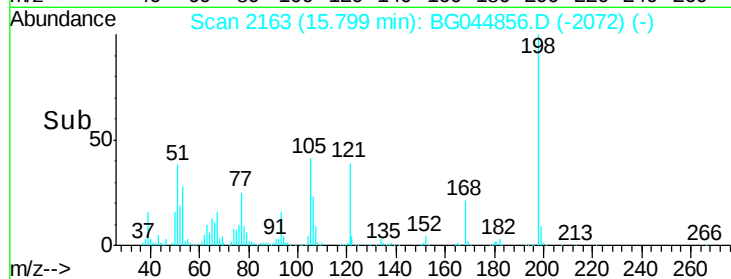
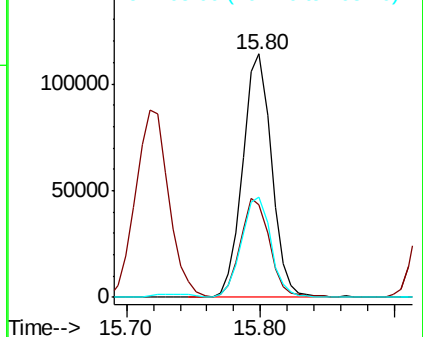
105 41.3 24.5 64.5



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: 48.263 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

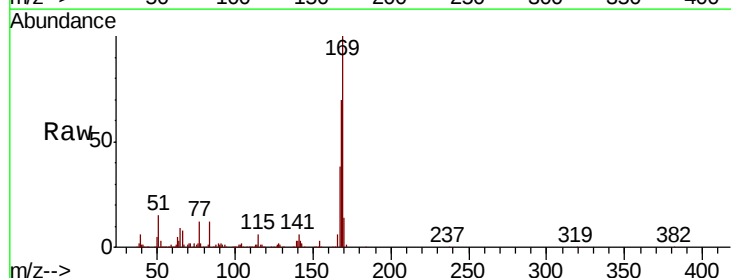
Tgt Ion:169 Resp: 799814

Ion Ratio Lower Upper

169 100

168 70.2 55.4 83.2

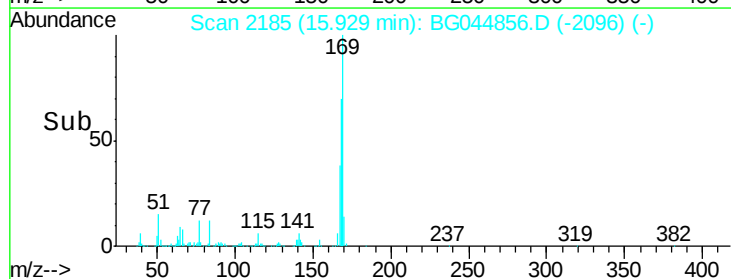
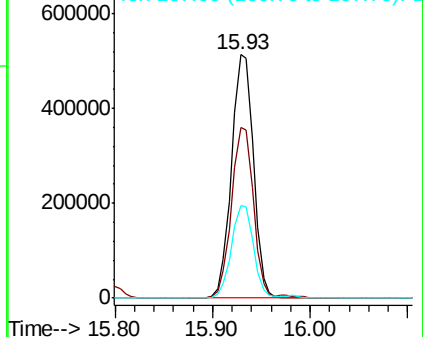
167 37.9 30.1 45.1

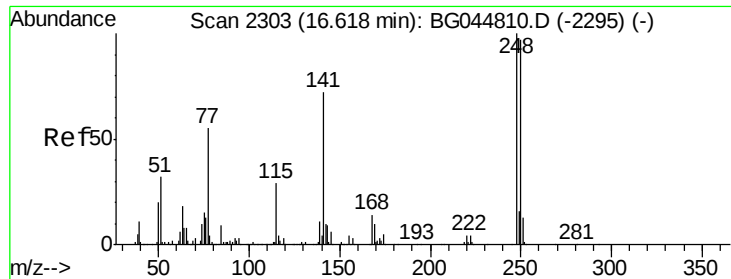


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

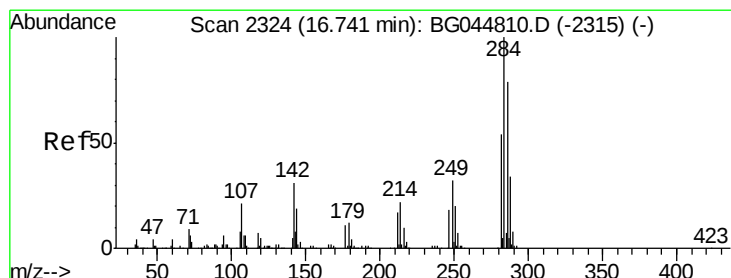
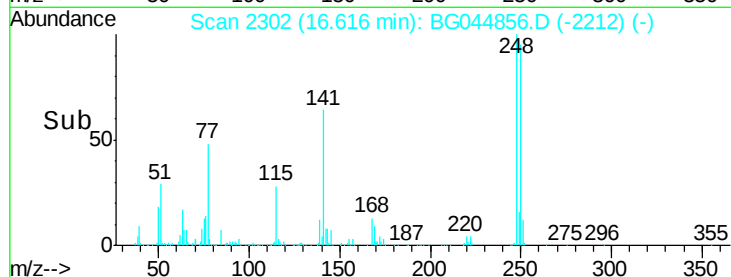
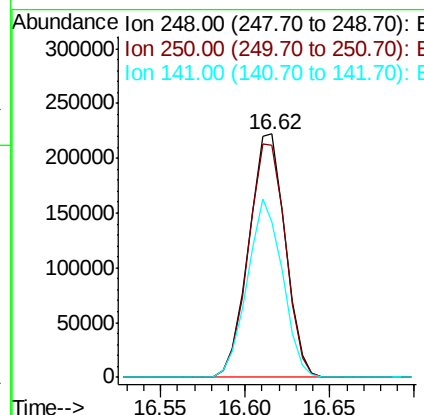
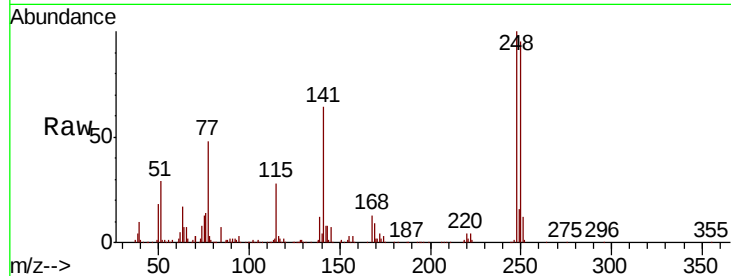




#67
4-Bromophenyl-phenylether
Concen: 48.614 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

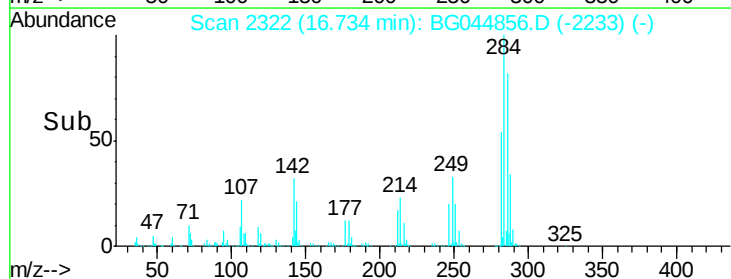
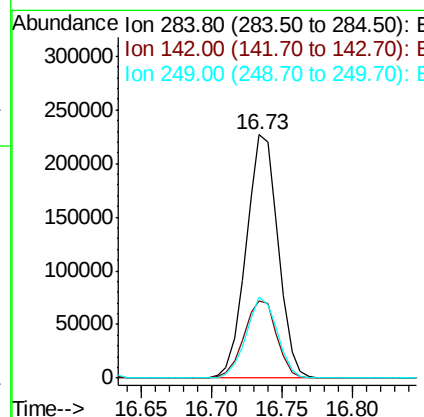
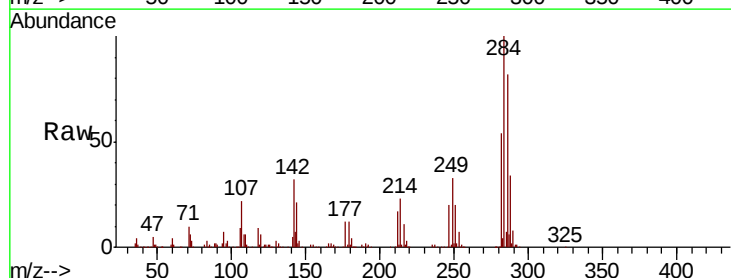
Instrument :
BNA_G
ClientSampled :

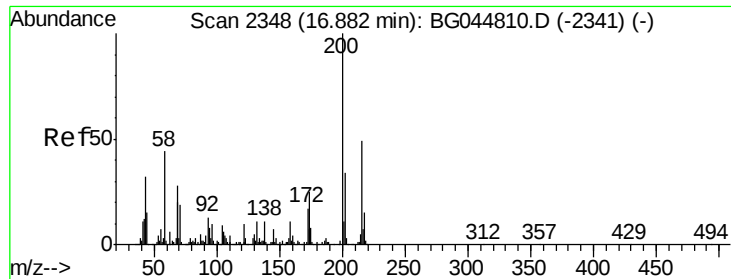
Tot Ion:248 Resp: 334522
Ion Ratio Lower Upper
248 100
250 95.1 77.9 116.9
141 64.0 57.5 86.3



#68
Hexachlorobenzene
Concen: 47.971 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion:284 Resp: 358120
Ion Ratio Lower Upper
284 100
142 31.8 25.0 37.6
249 33.0 25.8 38.8





#69

Atrazine

Concen: 51.659 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampled :

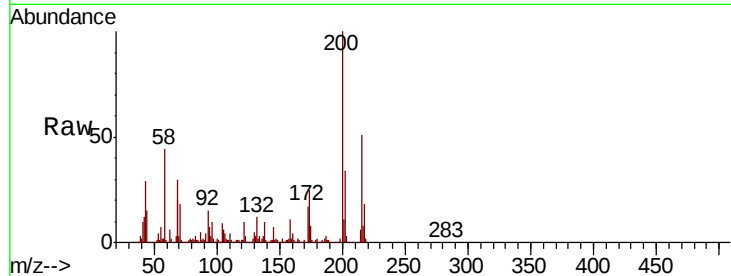
Tot Ion:200 Resp: 313652

Ion Ratio Lower Upper

200 100

173 24.8 5.3 45.3

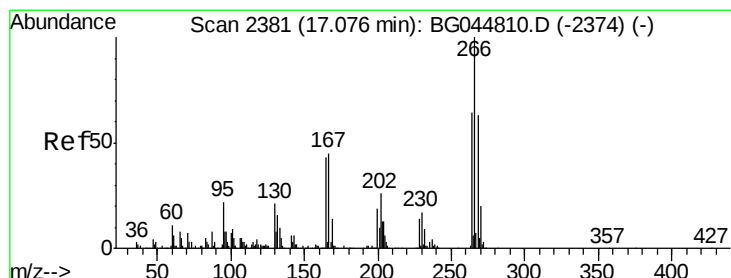
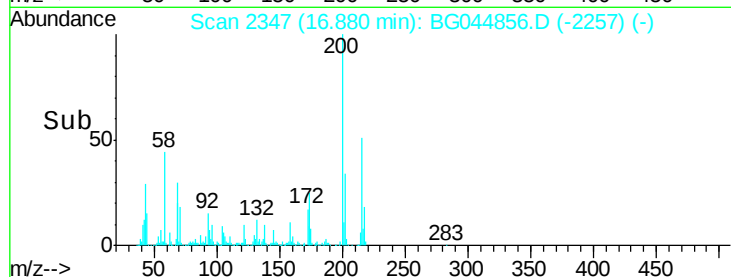
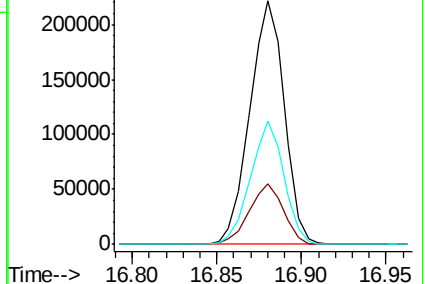
215 50.9 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 108.585 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

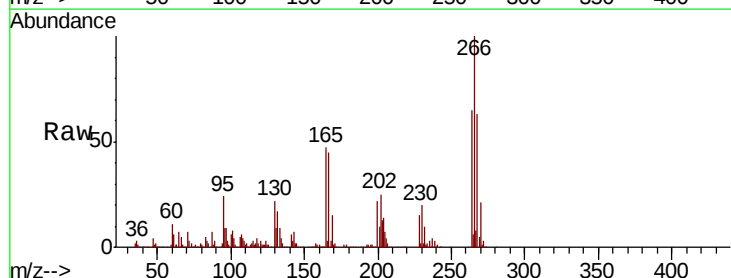
Tgt Ion:266 Resp: 446022

Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

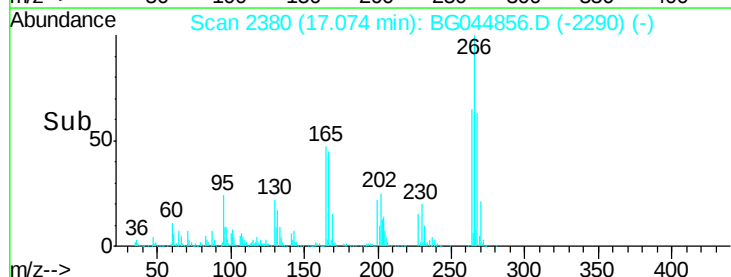
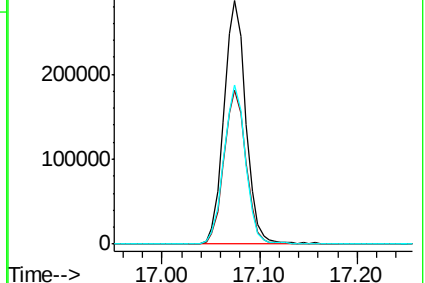
264 65.5 51.4 77.2

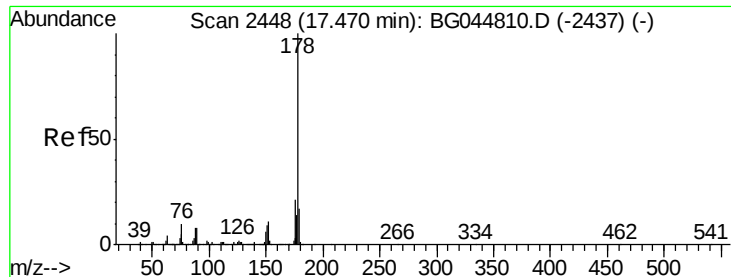


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

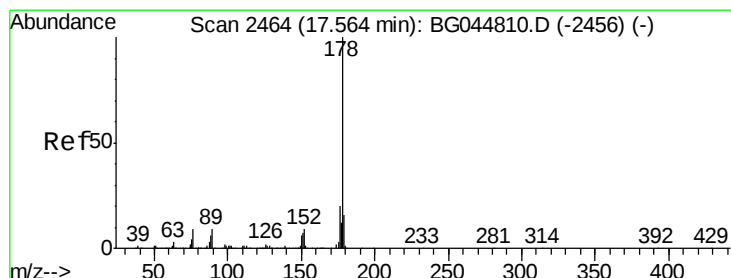
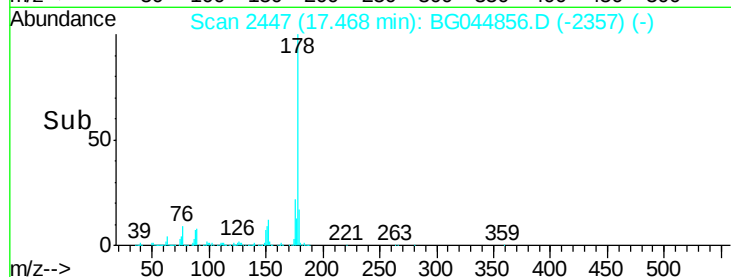
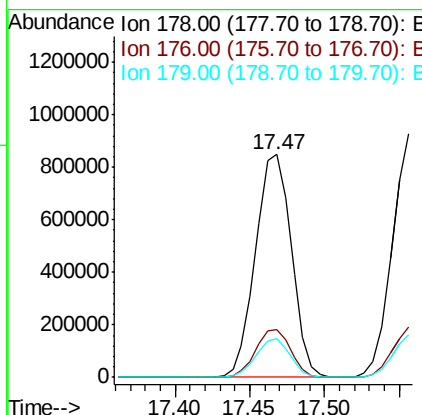
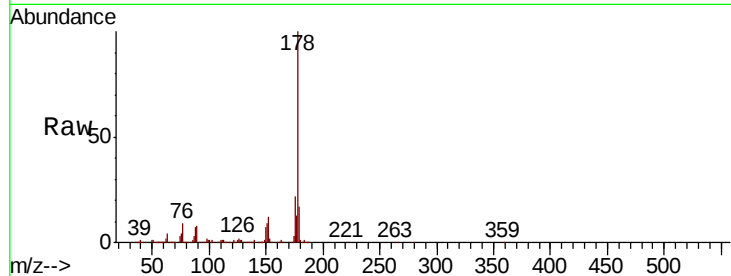




#71
Phenanthrene
Concen: 47.997 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

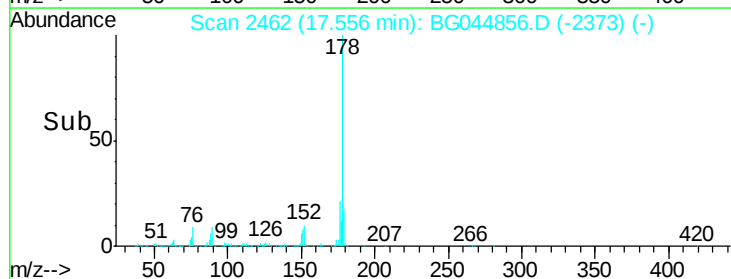
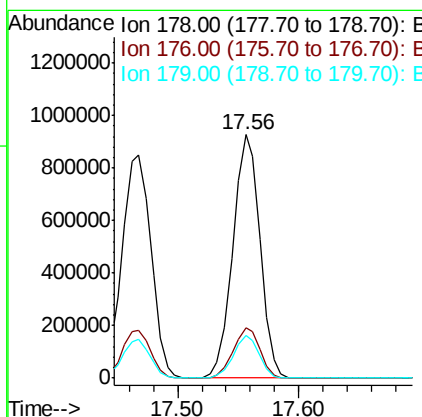
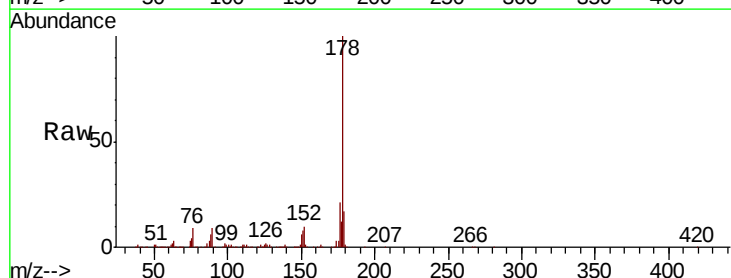
Instrument :
BNA_G
ClientSampleId :

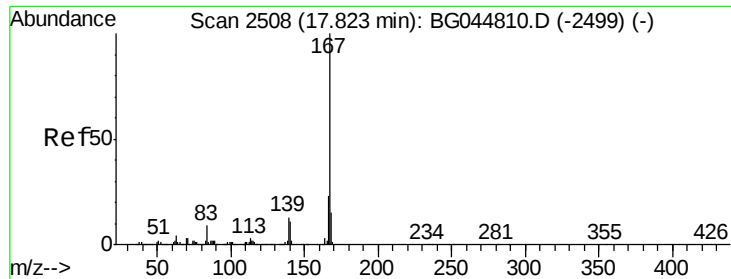
Tot Ion:178 Resp: 1411810
Ion Ratio Lower Upper
178 100
176 21.6 16.6 24.8
179 17.2 13.5 20.3



#72
Anthracene
Concen: 49.935 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion:178 Resp: 1448327
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 17.3 13.2 19.8





#73

Carbazole

Concen: 47.812 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

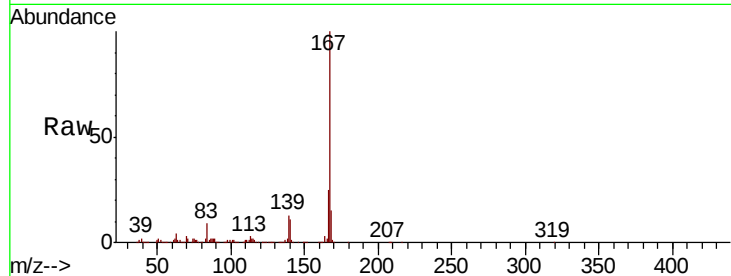
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1332071

Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.8	28.2
139	13.1	10.8	16.2

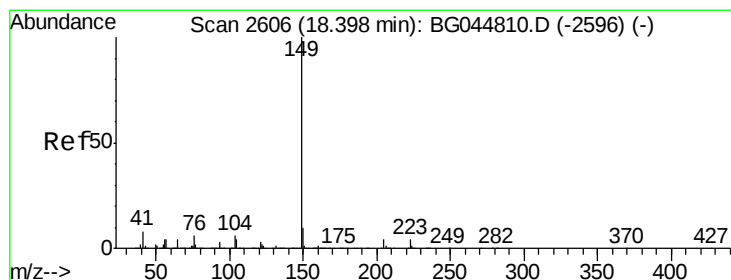
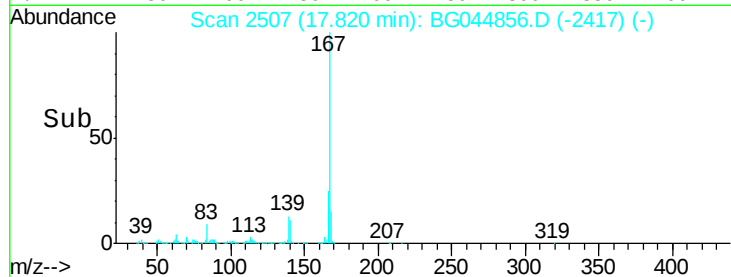
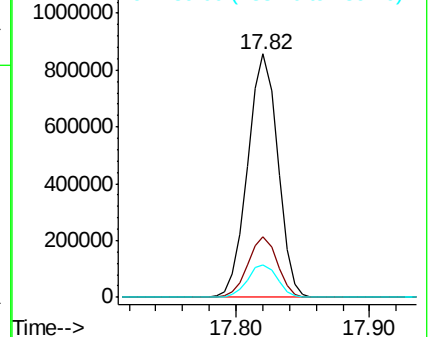


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.754 ng

RT: 18.39 min Scan# 2604

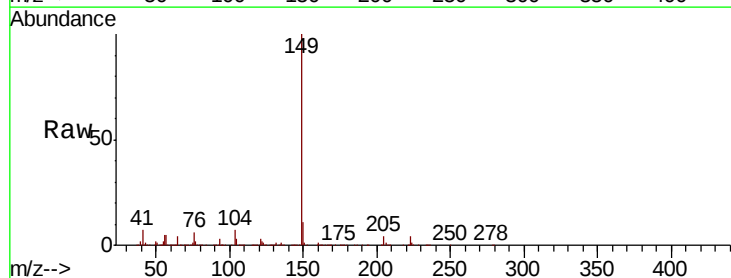
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:149 Resp: 1583446

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.1	12.1
104	6.9	5.0	7.4

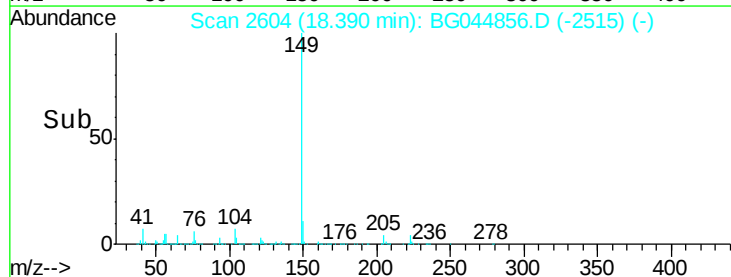
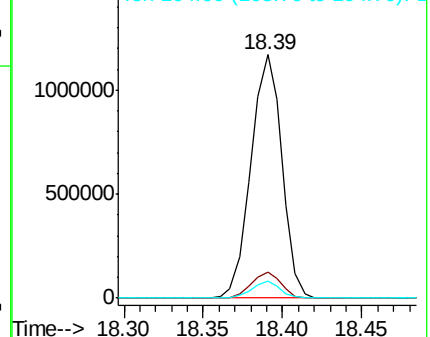


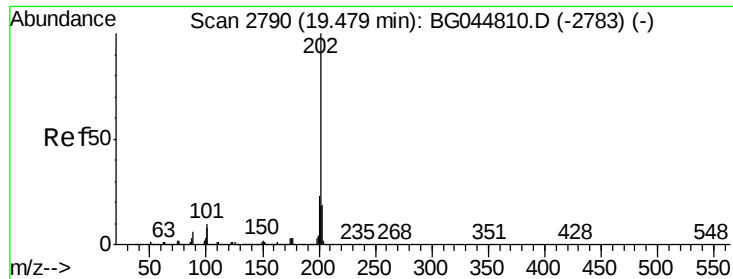
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.040 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

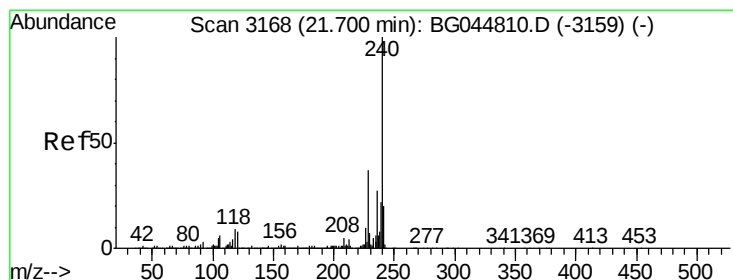
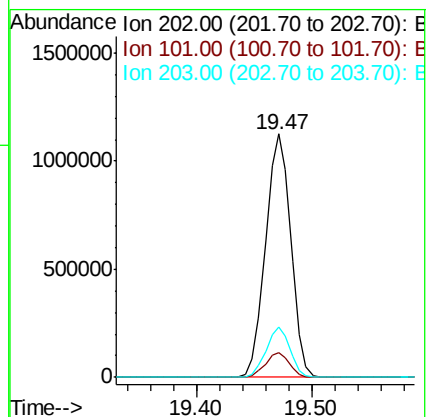
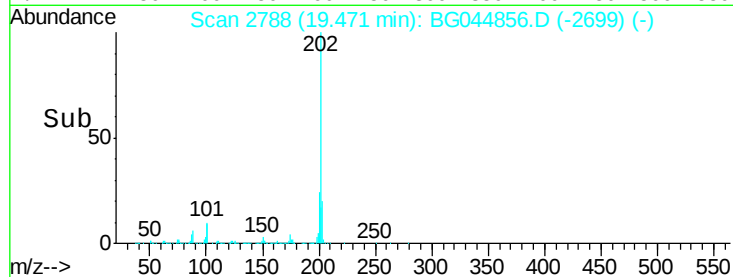
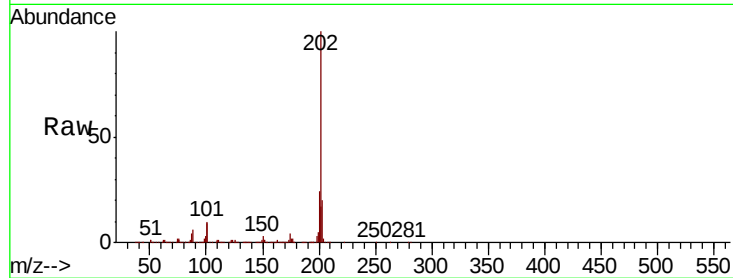
Tot Ion:202 Resp: 1717531

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.8

203 20.5 0.0 39.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

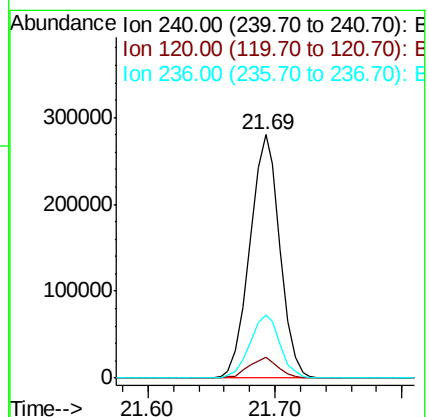
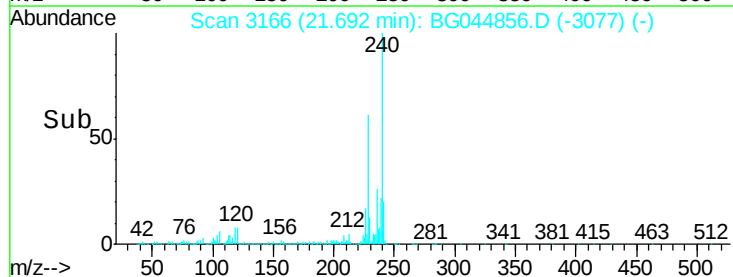
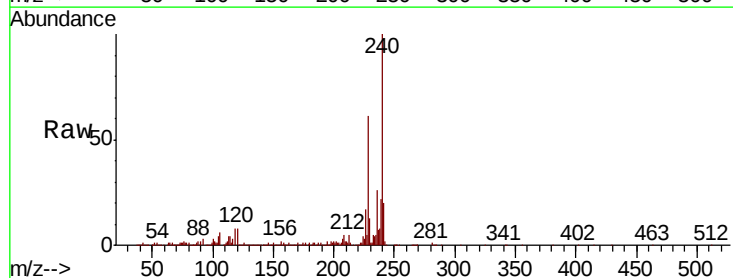
Tgt Ion:240 Resp: 459386

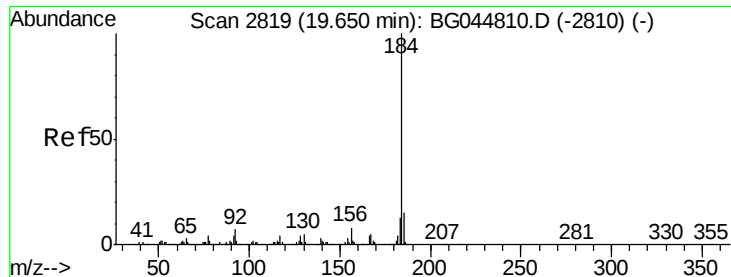
Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

236 25.7 21.5 32.3





#77

Benzidine

Concen: 54.345 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

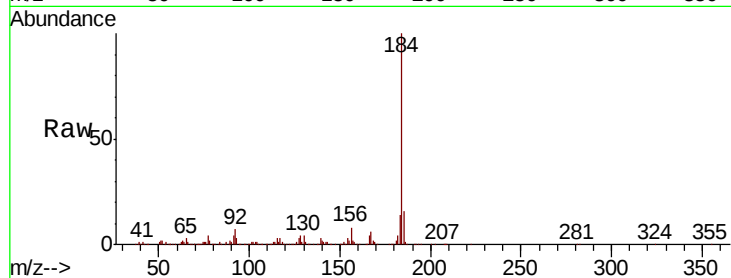
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 810468

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.4
183	13.7	10.7	16.1

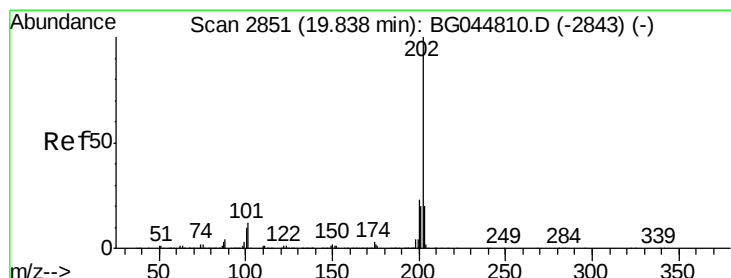
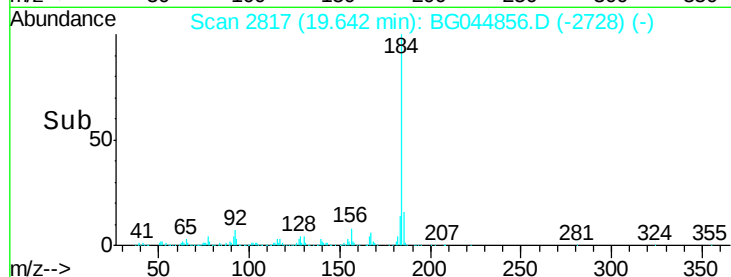
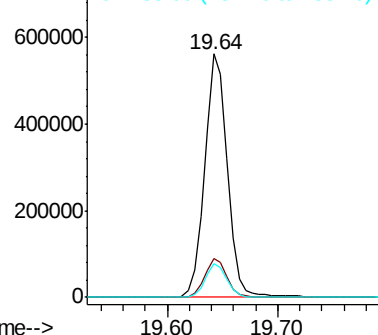


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.989 ng

RT: 19.83 min Scan# 2849

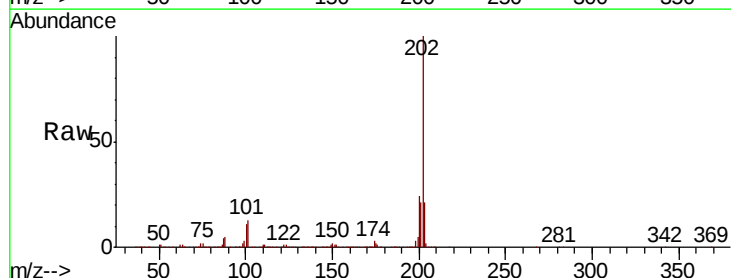
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:202 Resp: 1684834

Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.3	27.5
203	20.7	15.6	23.4

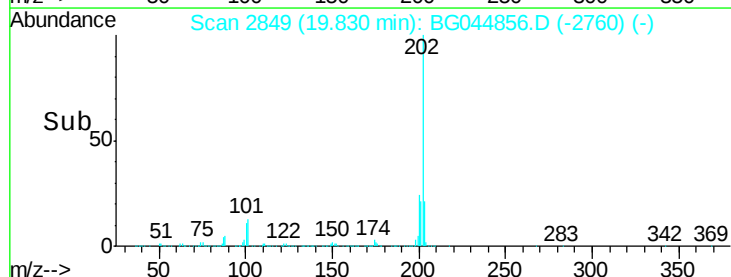
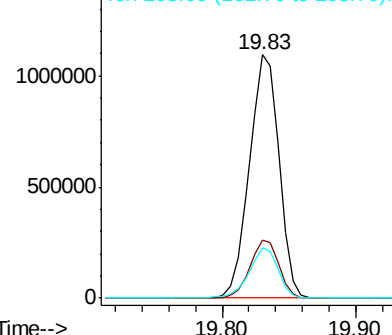


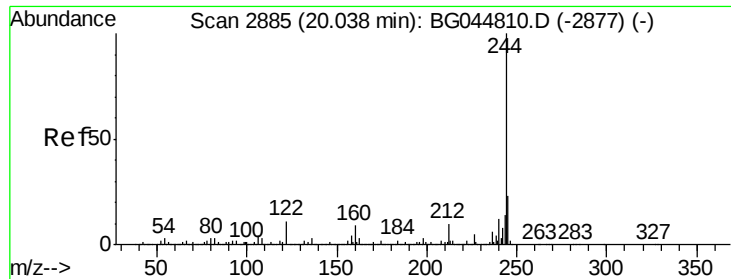
Abundance

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: 98.097 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

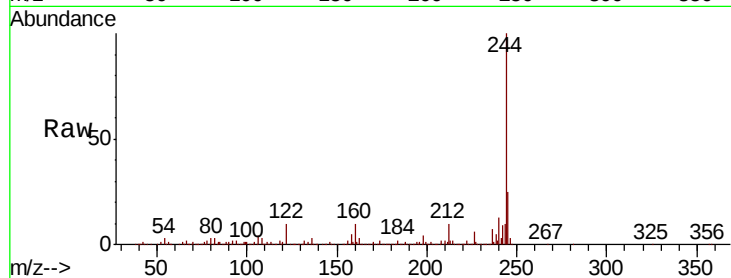
Tot Ion:244 Resp: 2409162

Ion Ratio Lower Upper

244 100

212 10.2 7.7 11.5

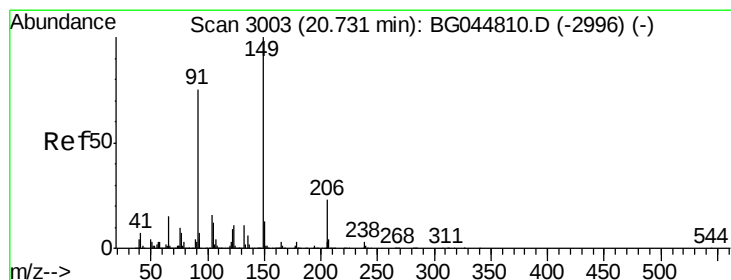
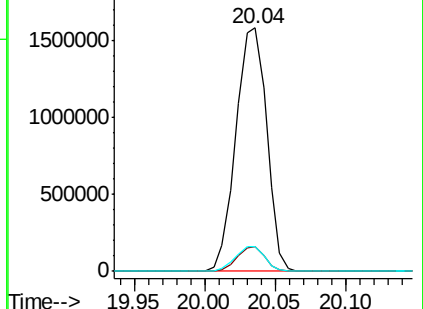
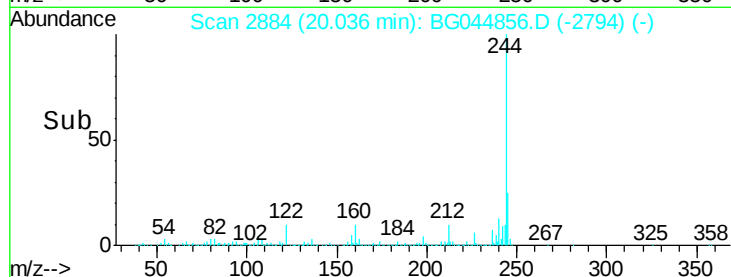
122 10.2 8.6 12.8



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: 47.950 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

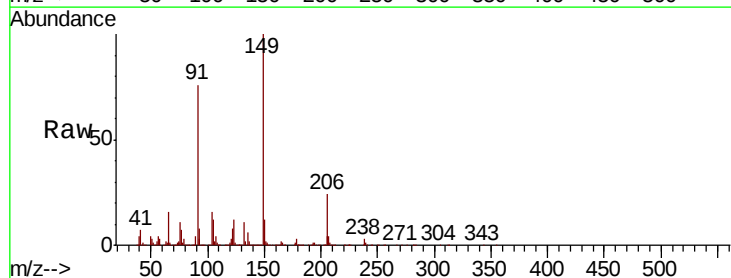
Tgt Ion:149 Resp: 718972

Ion Ratio Lower Upper

149 100

91 75.7 60.2 90.4

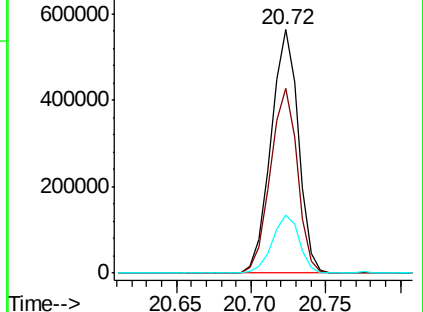
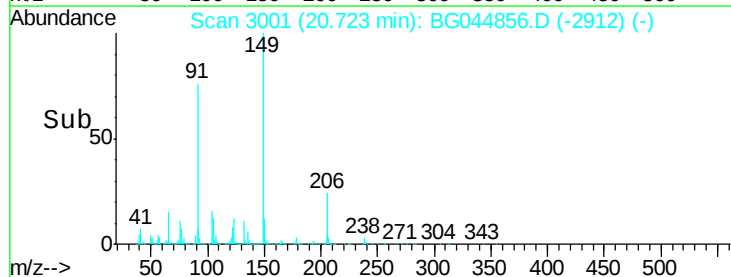
206 23.7 18.6 27.8

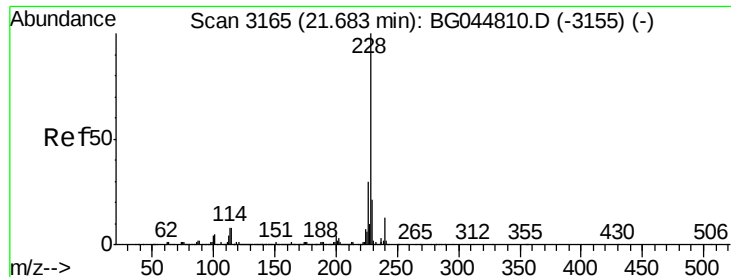


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

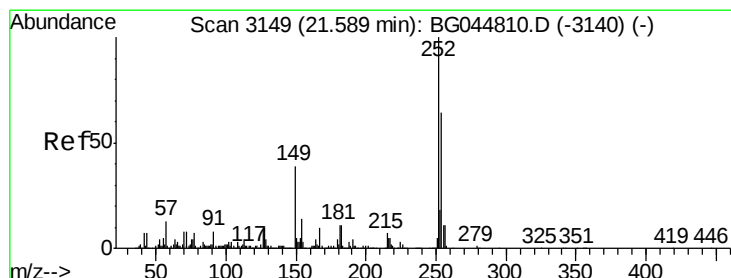
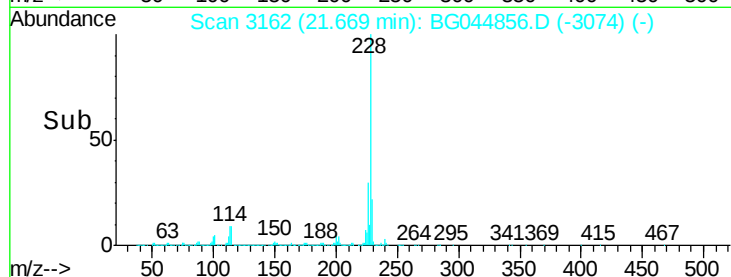
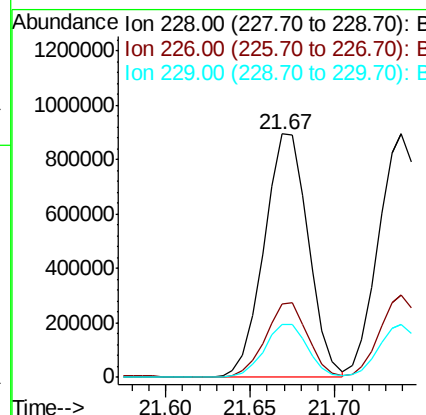
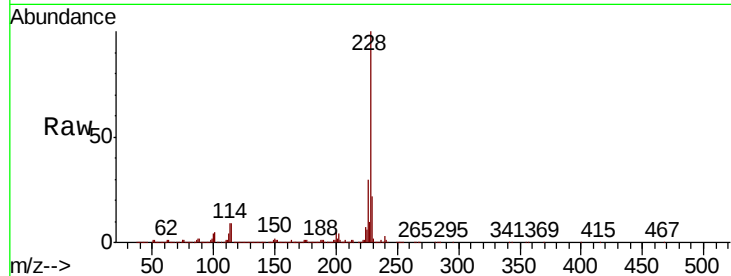




#81
Benzo(a)anthracene
Concen: 48.846 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

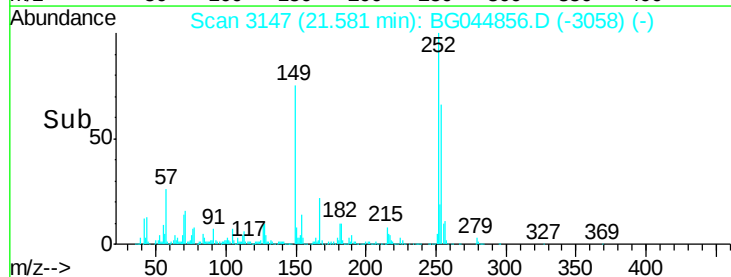
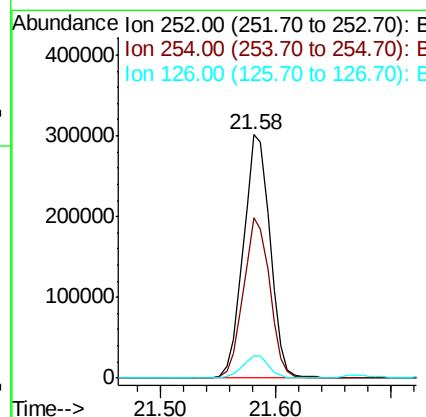
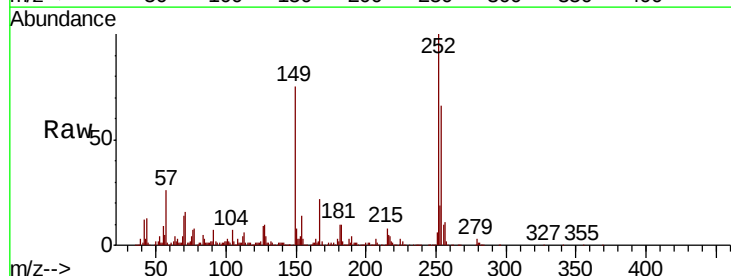
Instrument :
BNA_G
ClientSampled :

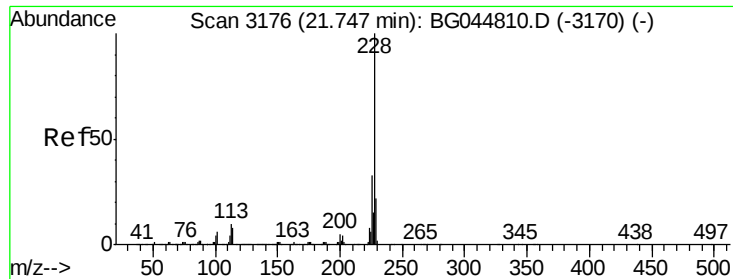
Tot Ion:228 Resp: 1615778
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 21.9 17.1 25.7



#82
3,3'-Dichlorobenzidine
Concen: 37.888 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion:252 Resp: 484859
Ion Ratio Lower Upper
252 100
254 65.9 51.6 77.4
126 9.2 7.0 10.6





#83

Chrysene

Concen: 48.714 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

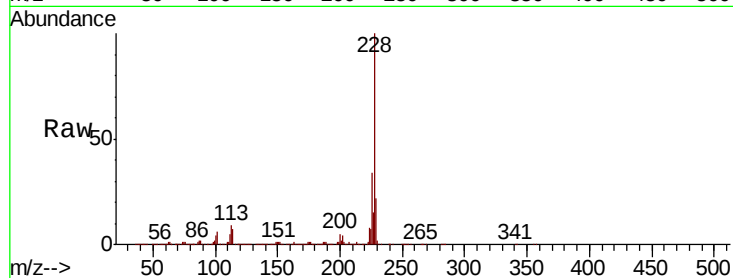
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1539260

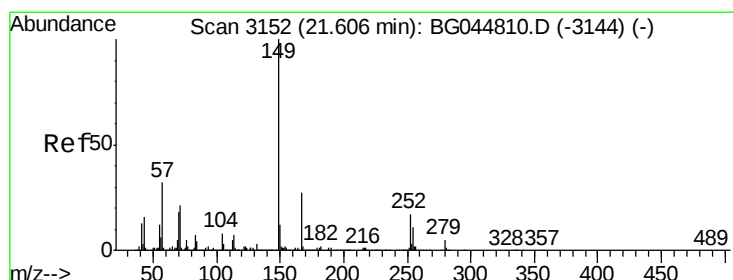
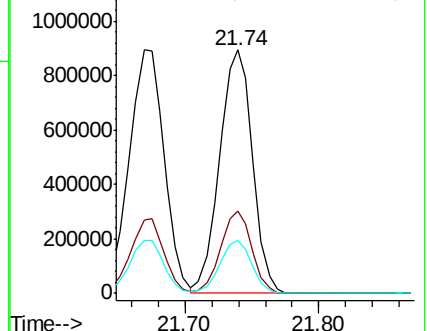
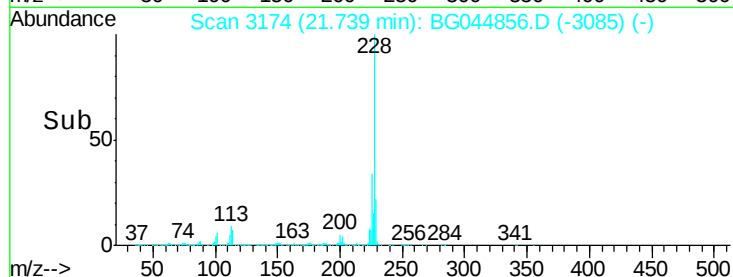
Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.9	38.9
229	21.9	17.4	26.0



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: 47.205 ng

RT: 21.60 min Scan# 3150

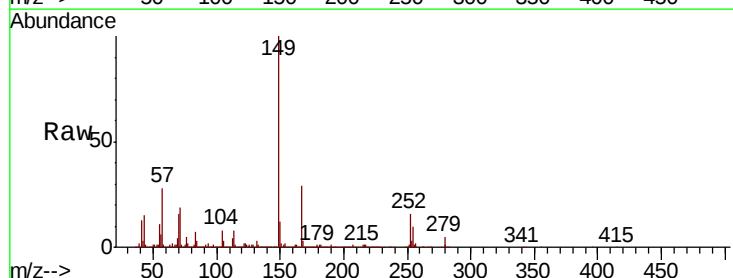
Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:149 Resp: 976850

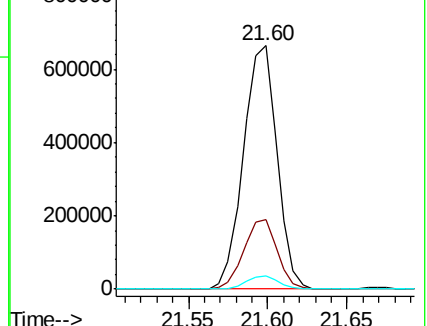
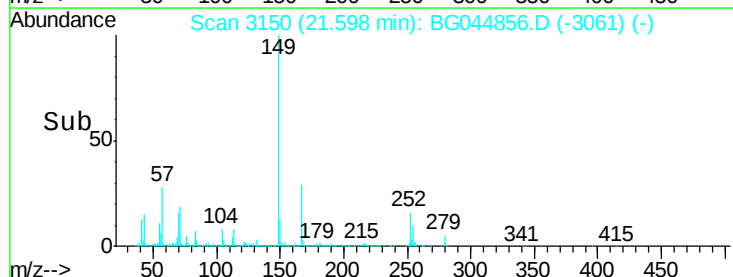
Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.8	32.6
279	5.4	3.8	5.6

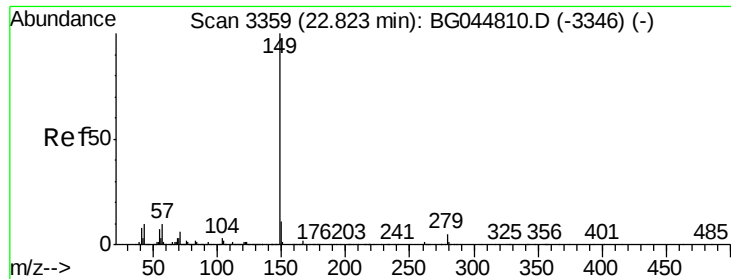


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.671 ng

RT: 22.81 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampleId :

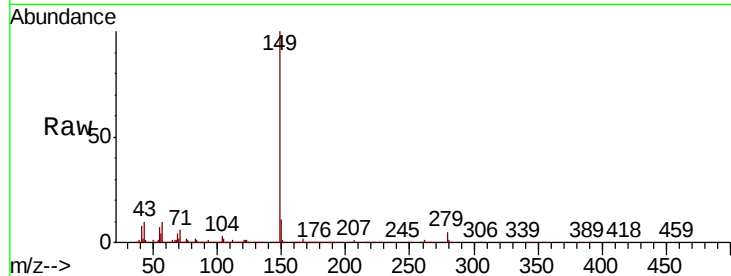
Tot Ion:149 Resp: 1685399

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

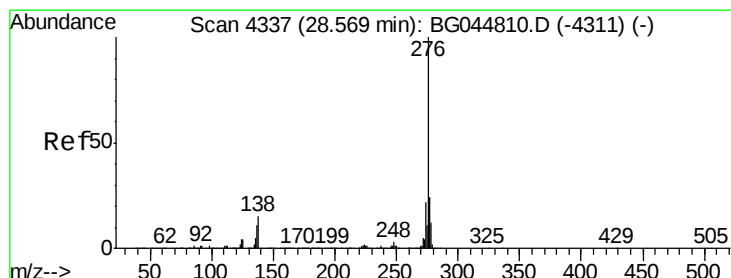
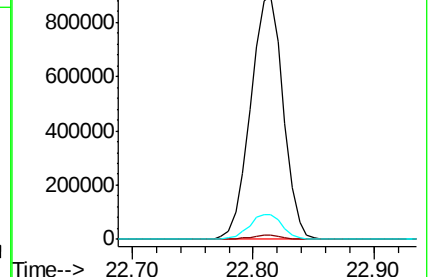
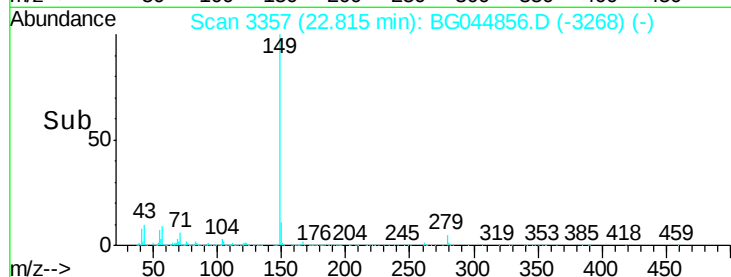
43 10.1 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.266 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

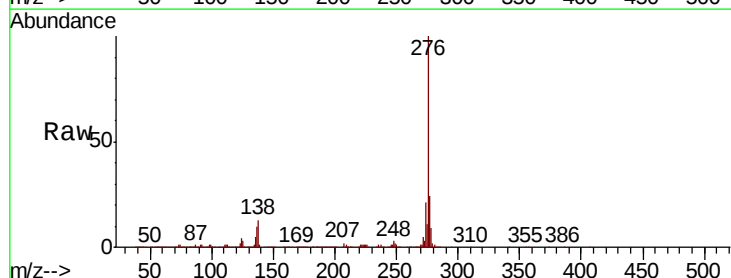
Tgt Ion:276 Resp: 2040880

Ion Ratio Lower Upper

276 100

138 12.8 7.4 11.0#

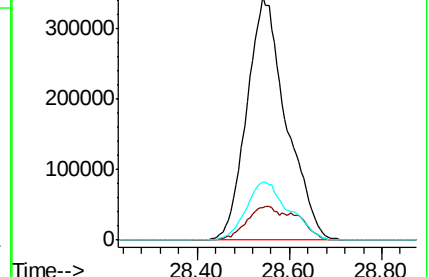
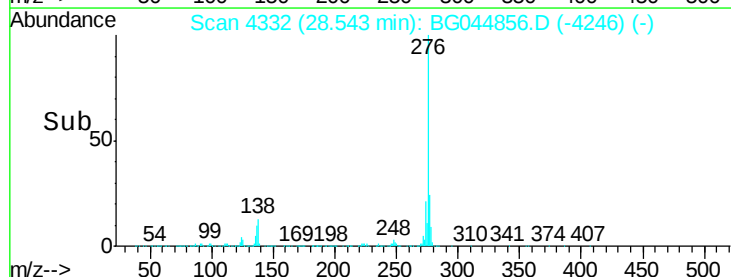
277 26.1 20.8 31.2

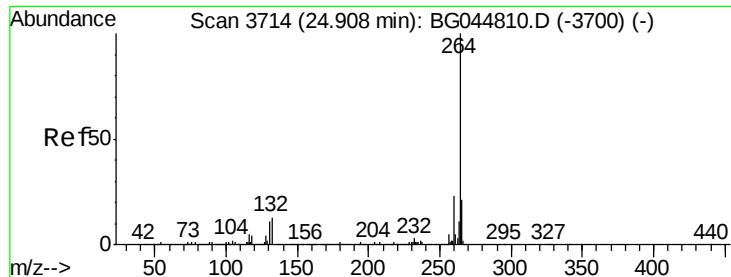


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampled :

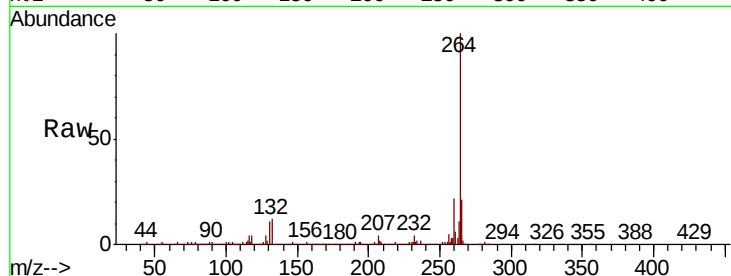
Tot Ion:264 Resp: 518202

Ion Ratio Lower Upper

264 100

260 22.2 18.1 27.1

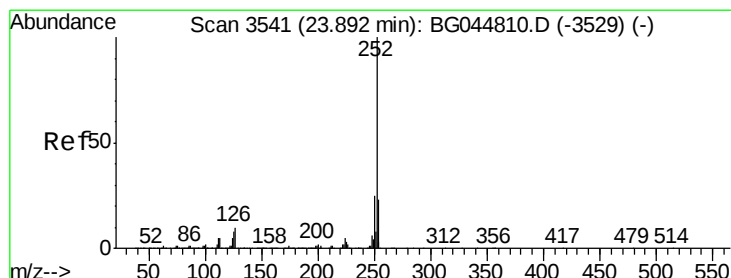
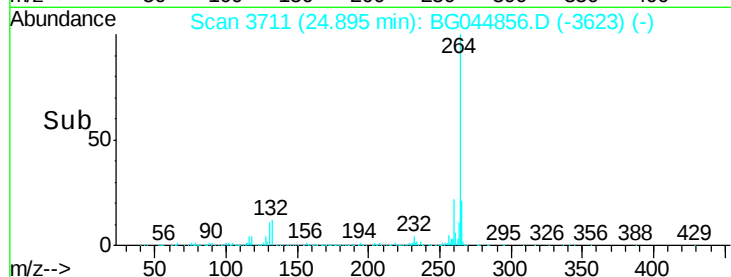
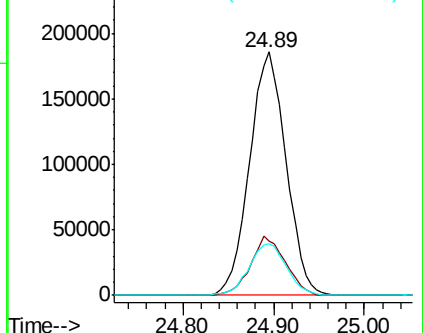
265 21.4 17.1 25.7



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: 50.492 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

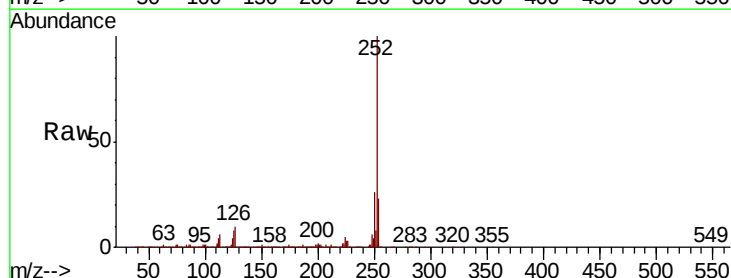
Tgt Ion:252 Resp: 1727349

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

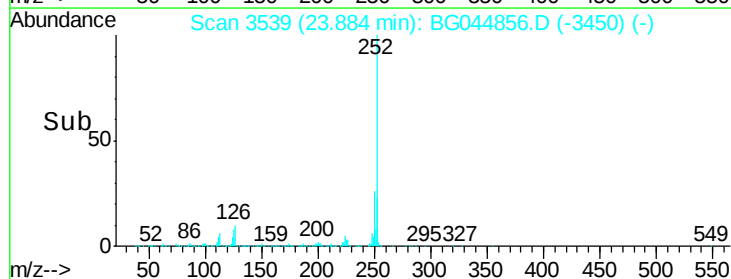
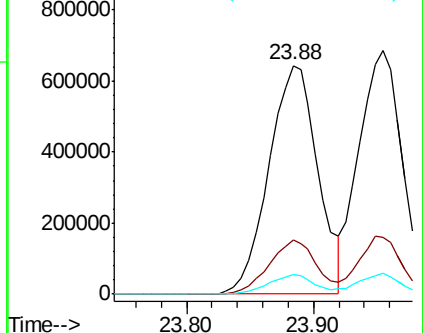
125 8.3 6.6 9.8

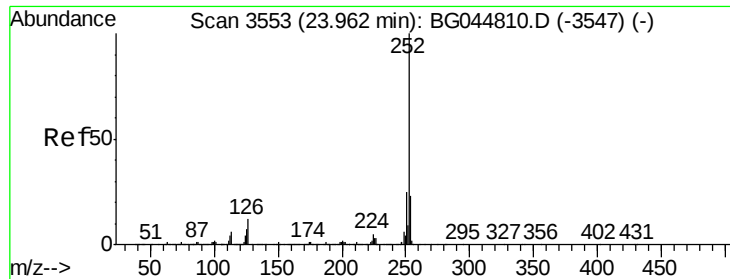


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

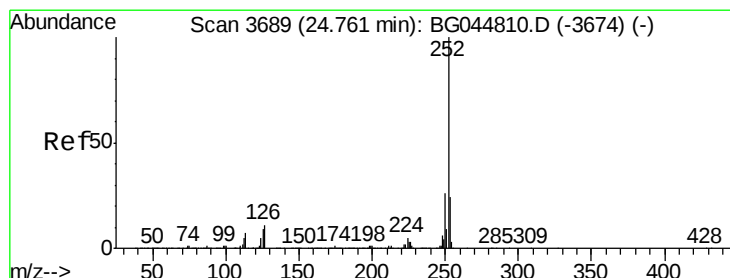
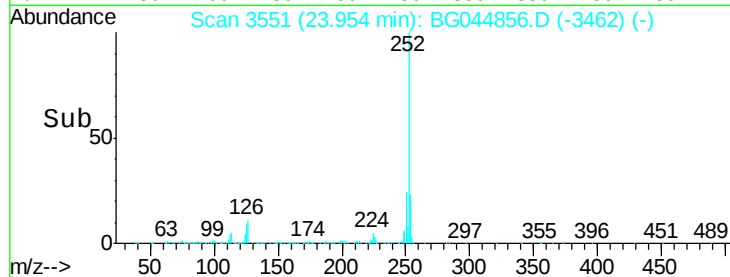
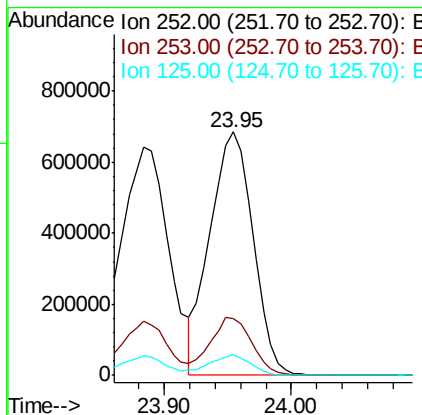
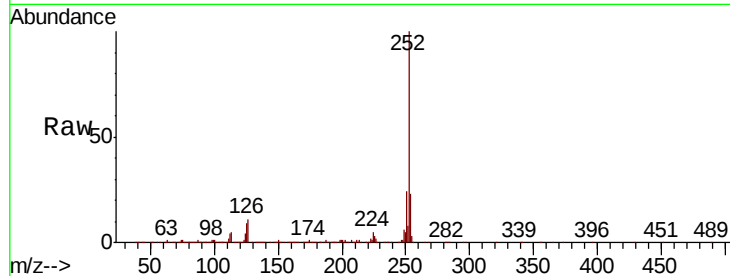




#89
Benzo(k)fluoranthene
Concen: 49.885 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

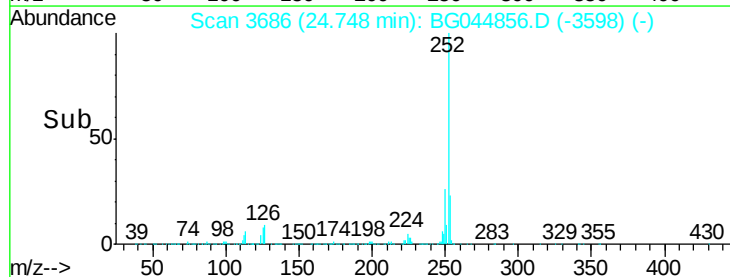
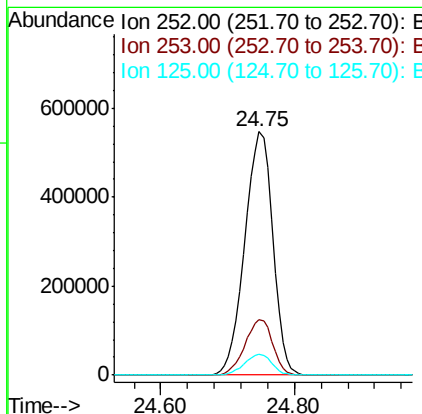
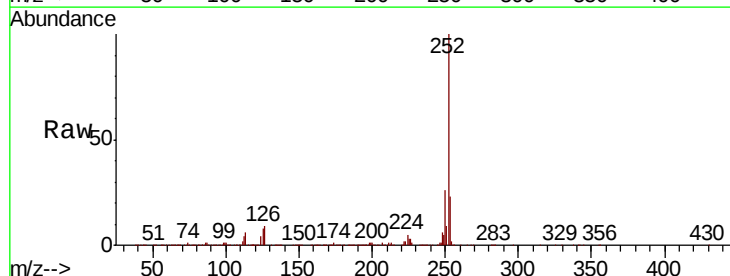
Instrument :
BNA_G
ClientSampleId :

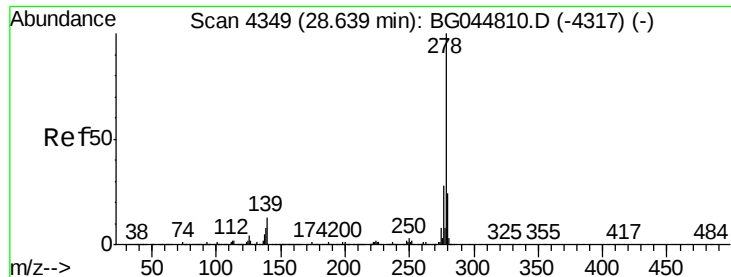
Tot Ion:252 Resp: 1615013
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 8.6 6.2 9.2



#90
Benzo(a)pyrene
Concen: 49.247 ng
RT: 24.75 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG044856.D
Acq: 18 Mar 2020 8:22

Tgt Ion:252 Resp: 1576458
Ion Ratio Lower Upper
252 100
253 22.8 19.4 29.0
125 8.4 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 51.995 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.03 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Instrument :

BNA_G

ClientSampled :

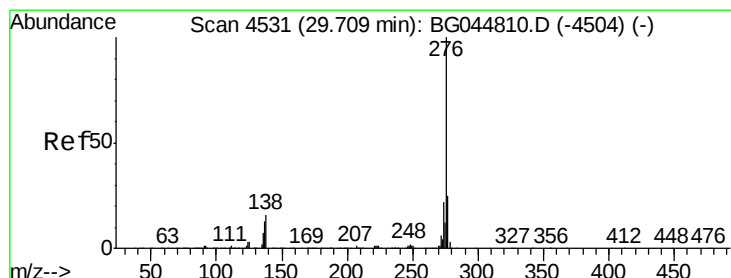
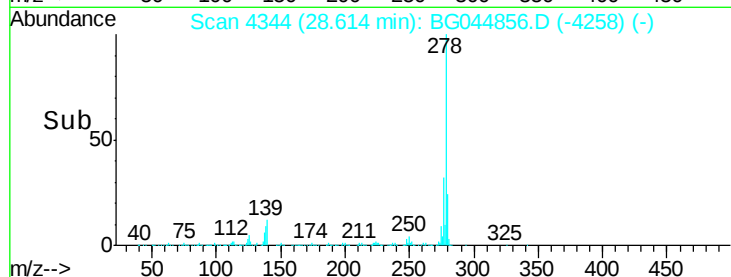
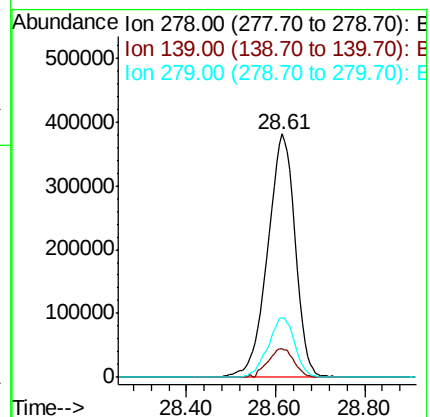
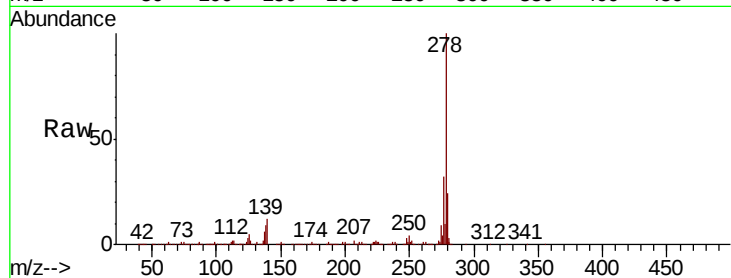
Tot Ion:278 Resp: 1642051

Ion Ratio Lower Upper

278 100

139 11.7 10.2 15.2

279 24.4 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 52.991 ng

RT: 29.69 min Scan# 4527

Delta R.T. -0.02 min

Lab File: BG044856.D

Acq: 18 Mar 2020 8:22

Tgt Ion:276 Resp: 1690774

Ion Ratio Lower Upper

276 100

277 25.5 20.1 30.1

138 15.4 13.0 19.6

