

Data File : BG044103.D
Acq On : 20 Jan 2020 18:22
Operator : JU
Sample : PB126194BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Quant Time: Jan 21 04:48:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	78322	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	338903	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	228842	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	498144	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	420013	20.00	ng	-0.03
87) Perylene-d12	24.67	264	483732	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	637879	149.54	ng	-0.03
7) Phenol-d6	7.11	99	858940	144.06	ng	-0.02
23) Nitrobenzene-d5	9.09	82	449349	70.93	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	335921	140.27	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1035841	82.01	ng	-0.03
79) Terphenyl-d14	19.93	244	1498321	86.38	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	95852	51.536	ng	97
3) Pyridine	3.79	79	193498	35.217	ng	93
4) n-Nitrosodimethylamine	3.70	42	99498	40.674	ng	99
6) Aniline	7.25	93	261756	33.423	ng	98
8) 2-Chlorophenol	7.50	128	247892	49.502	ng	97
9) Benzaldehyde	7.06	77	121949	31.956	ng	96
10) Phenol	7.13	94	305512	49.731	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	223040	42.060	ng	100
12) 1,3-Dichlorobenzene	7.82	146	247399	42.218	ng	97
13) 1,4-Dichlorobenzene	7.97	146	250140	43.262	ng	97
14) 1,2-Dichlorobenzene	8.29	146	237495	42.793	ng	99
15) Benzyl Alcohol	8.17	79	208356	44.276	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	301904	36.799	ng	98
17) 2-Methylphenol	8.38	107	218986	49.258	ng	98
18) Hexachloroethane	9.02	117	92800	41.247	ng	96
19) n-Nitroso-di-n-propylamine	8.74	70	180267	40.597	ng	# 97
20) 3+4-Methylphenols	8.71	107	300761	48.495	ng	97
22) Acetophenone	8.75	105	336415	39.929	ng	# 98
24) Nitrobenzene	9.13	77	258253	41.159	ng	97
25) Isophorone	9.66	82	499604	42.035	ng	100
26) 2-Nitrophenol	9.84	139	140478	47.322	ng	99
27) 2,4-Dimethylphenol	9.91	122	244790	54.781	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	318952	40.253	ng	99
29) 2,4-Dichlorophenol	10.38	162	252240	47.323	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	244661	40.937	ng	98
31) Naphthalene	10.78	128	729833	44.502	ng	99
32) Benzoic acid	10.06	122	118534	34.586	ng	97
33) 4-Chloroaniline	10.89	127	177088	22.639	ng	98
34) Hexachlorobutadiene	11.08	225	139414	38.206	ng	98
35) Caprolactam	11.65	113	69678	35.115	ng	92
36) 4-Chloro-3-methylphenol	12.02	107	273049	48.120	ng	98
37) 2-Methylnaphthalene	12.39	142	556766	45.093	ng	97
38) 1-Methylnaphthalene	12.61	142	530304	45.317	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	263015	39.213	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	353540	101.669	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	203834	44.166	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	218547	45.913	ng	99
46) 1,1'-Biphenyl	13.40	154	709131	43.220	ng	98
47) 2-Chloronaphthalene	13.45	162	551488	41.596	ng	98
48) 2-Nitroaniline	13.64	65	168729	39.563	ng	98
49) Acenaphthylene	14.29	152	886899	46.541	ng	97
50) Dimethylphthalate	14.03	163	711015	43.758	ng	98
51) 2,6-Dinitrotoluene	14.14	165	163431	44.500	ng	92
52) Acenaphthene	14.63	154	556627	41.652	ng	98
53) 3-Nitroaniline	14.47	138	119175	28.575	ng	93
54) 2,4-Dinitrophenol	14.67	184	180059	95.124	ng	98
55) Dibenzofuran	14.97	168	847769	46.082	ng	98
56) 4-Nitrophenol	14.79	139	303066	94.830	ng	95
57) 2,4-Dinitrotoluene	14.93	165	226935	45.412	ng	99
58) Fluorene	15.62	166	672102	46.093	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.20	232	189233	46.232	ng	97
60) Diethylphthalate	15.39	149	727446	44.761	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	347042	43.831	ng	97
62) 4-Nitroaniline	15.63	138	166982	40.545	ng	97
63) Azobenzene	15.90	77	672213	44.600	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	131641	50.990	ng	97
66) n-Nitrosodiphenylamine	15.82	169	632571	43.121	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	225002	40.160	ng	99
68) Hexachlorobenzene	16.63	284	242771	40.214	ng	94
69) Atrazine	16.77	200	231494	48.547	ng	99
70) Pentachlorophenol	16.97	266	261800	78.669	ng	99
71) Phenanthrene	17.35	178	1071202	44.832	ng	98
72) Anthracene	17.45	178	1096512	46.436	ng	97
73) Carbazole	17.71	167	975130	44.705	ng	96
74) Di-n-butylphthalate	18.28	149	1206748	43.332	ng	97
75) Fluoranthene	19.36	202	1221751	44.711	ng	96
77) Benzidine	19.54	184	512228	48.519	ng	98
78) Pyrene	19.73	202	1225671	44.707	ng	96
80) Butylbenzylphthalate	20.62	149	561517	43.020	ng	93
81) Benzo(a)anthracene	21.54	228	1166108	44.775	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	328355	31.912	ng	99
83) Chrysene	21.61	228	1112360	44.950	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	792345	43.995	ng	98
85) Di-n-octyl phthalate	22.64	149	1383021	45.678	ng	96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1427502	42.446	ng	99
88) Benzo(b)fluoranthene	23.69	252	1221763	42.723	ng	97
89) Benzo(k)fluoranthene	23.76	252	1182610	43.488	ng	98
90) Benzo(a)pyrene	24.53	252	1133020	41.978	ng	97
91) Dibenzo(a,h)anthracene	28.26	278	1180361	43.545	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1197630	44.480	ng	97

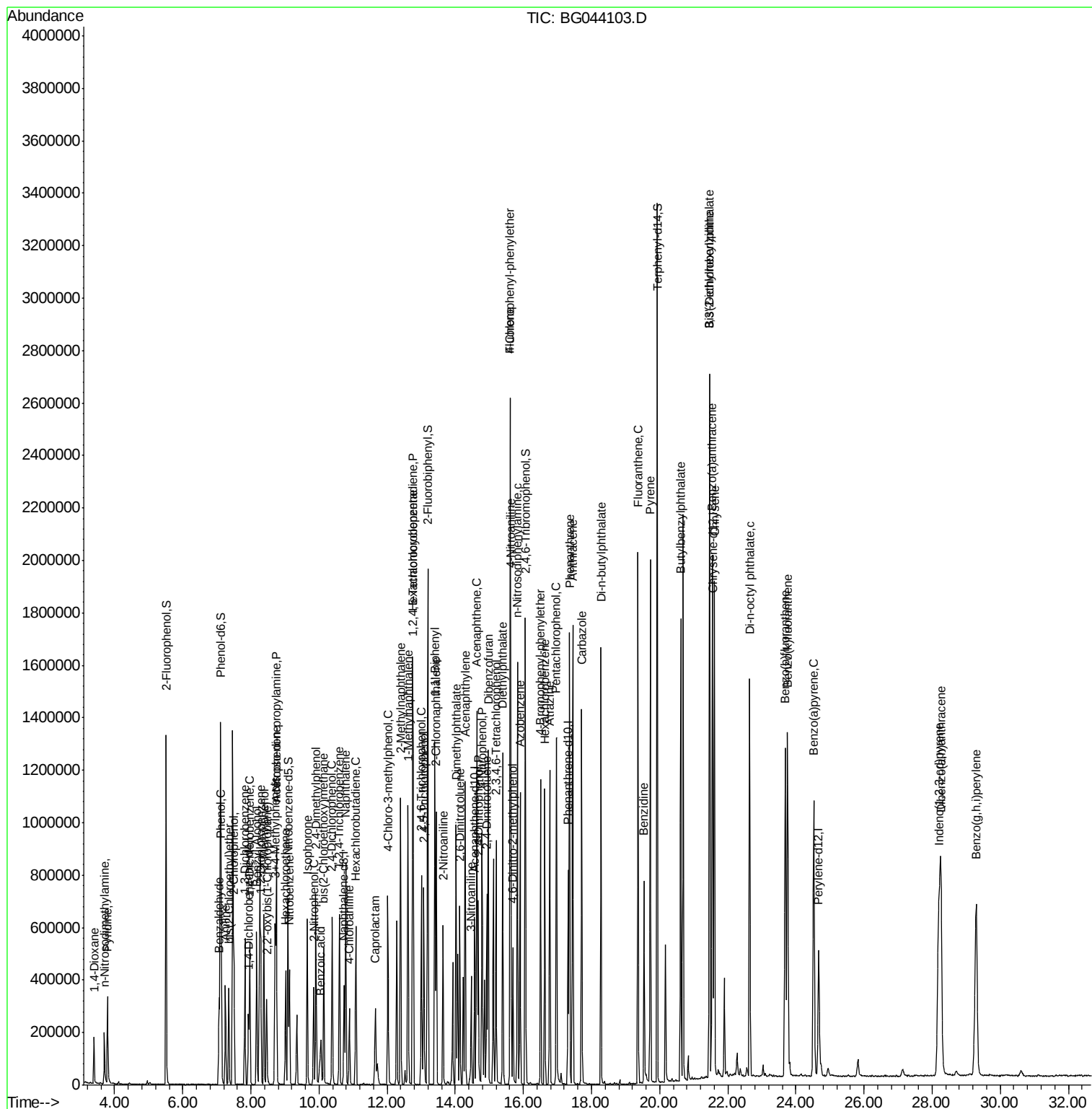
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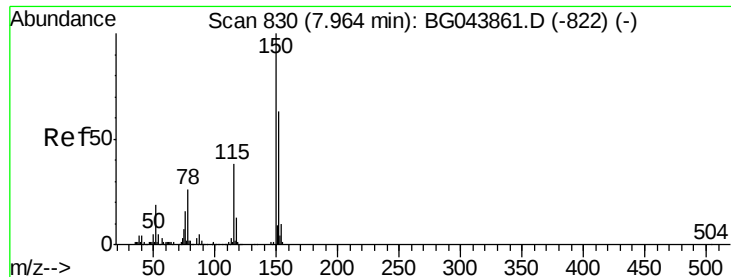
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 825

Delta R.T. -0.03 min

Lab File: BG044103.D

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BNA_G

ClientSampleId :

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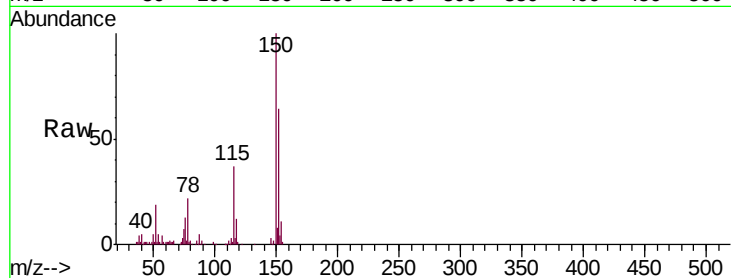
Tgt Ion:152 Resp: 78322

Ion Ratio Lower Upper

152 100

150 157.2 127.0 190.4

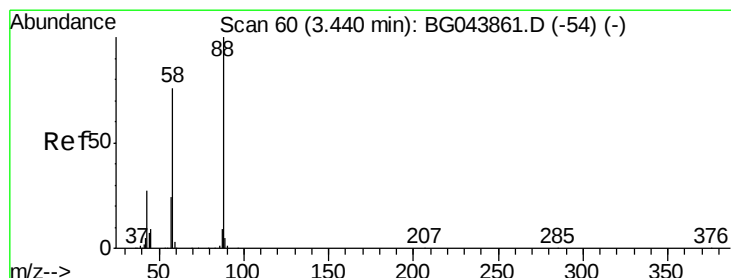
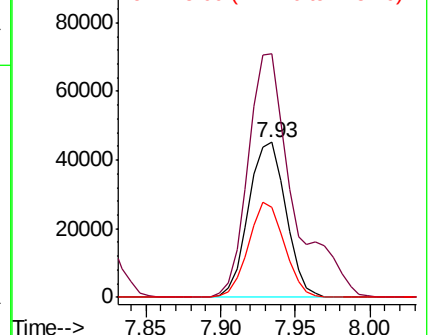
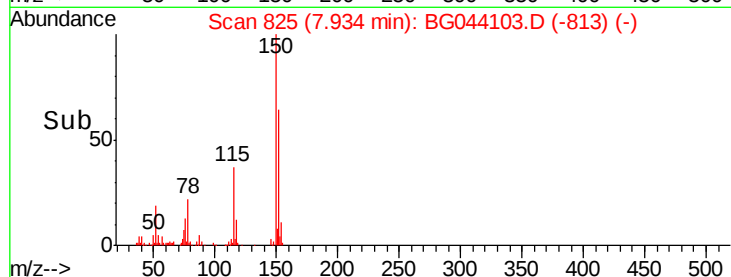
115 57.8 47.8 71.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 51.536 ng

RT: 3.39 min Scan# 52

Delta R.T. -0.05 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

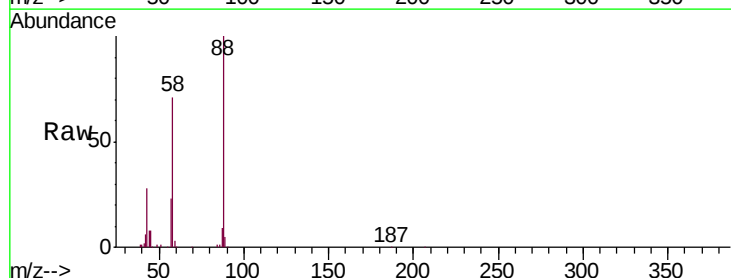
Tgt Ion: 88 Resp: 95852

Ion Ratio Lower Upper

88 100

58 71.2 59.8 89.8

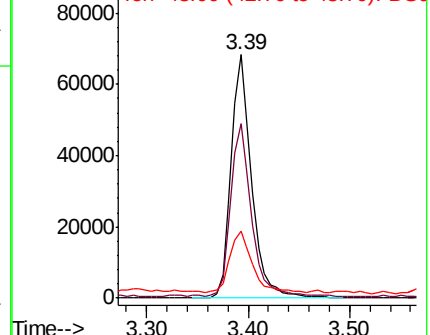
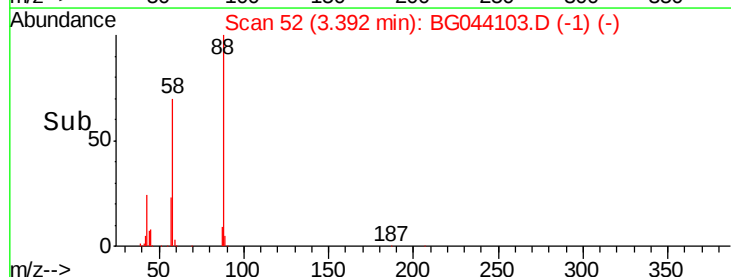
43 28.1 22.9 34.3

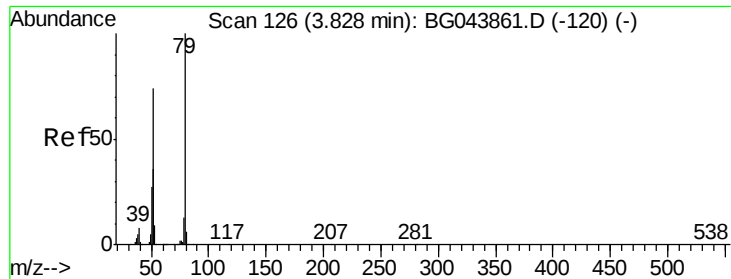


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

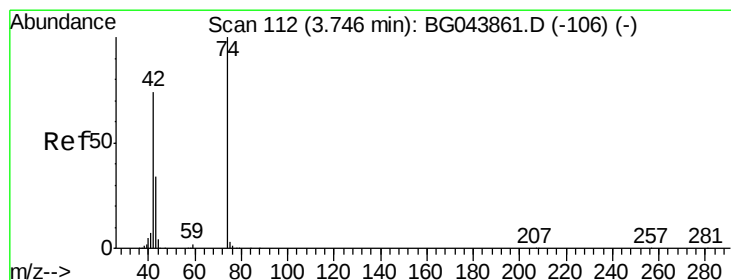
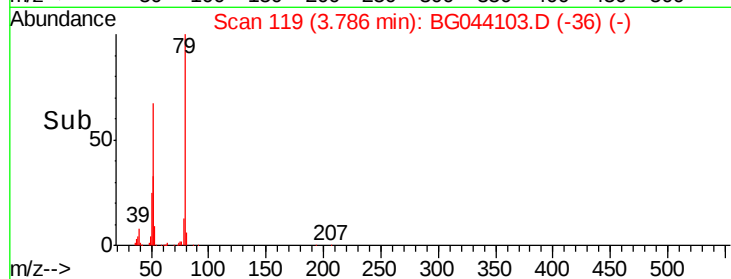
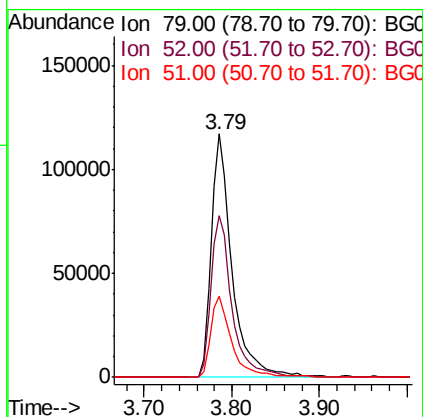
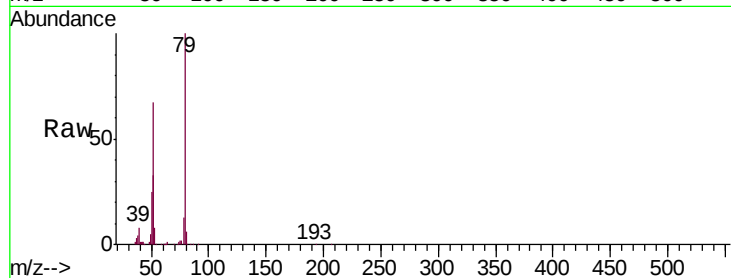




#3
 Pyridine
 Concen: 35.217 ng
 RT: 3.79 min Scan# 119
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

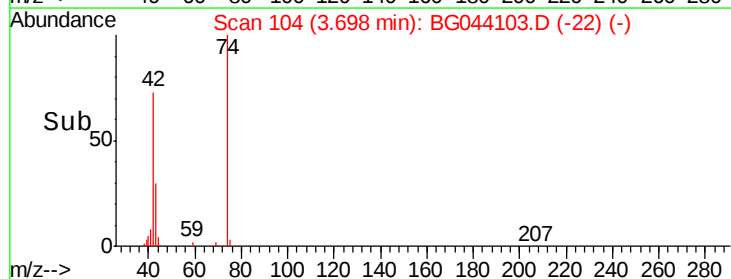
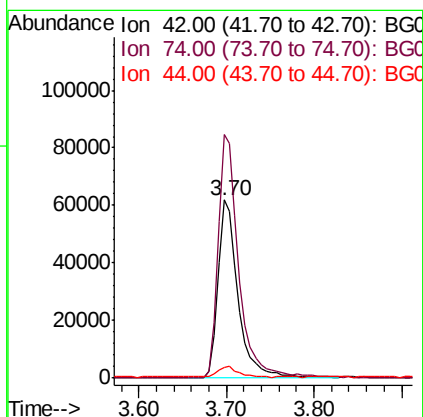
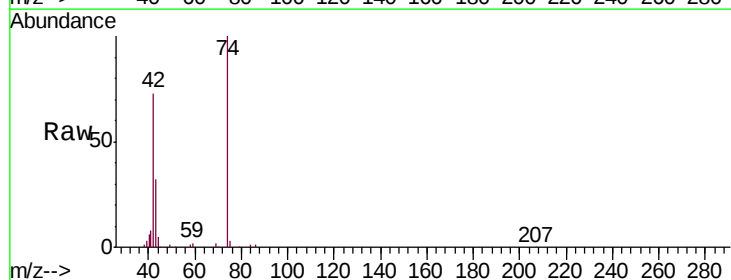
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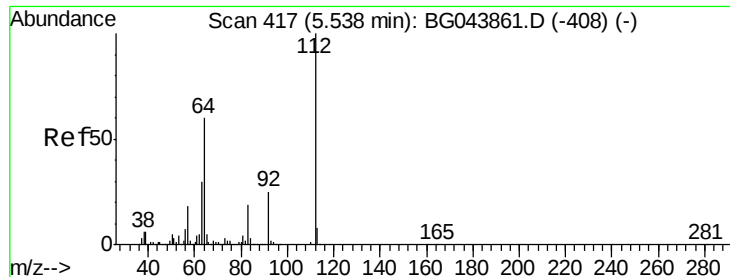
Tgt Ion: 79 Resp: 193498
 Ion Ratio Lower Upper
 79 100
 52 66.6 58.9 88.3
 51 33.4 28.6 43.0



#4
 n-Nitrosodimethylamine
 Concen: 40.674 ng
 RT: 3.70 min Scan# 104
 Delta R.T. -0.05 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion: 42 Resp: 99498
 Ion Ratio Lower Upper
 42 100
 74 136.8 108.6 162.8
 44 6.2 5.0 7.6





#5

2-Fluorophenol

Concen: 149.539 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

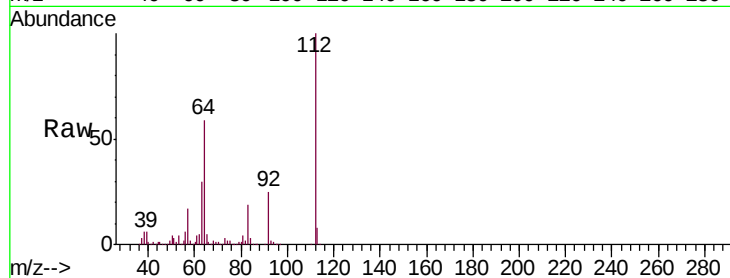
Tgt Ion: 112 Resp: 637879

Ion Ratio Lower Upper

112 100

64 59.1 47.8 71.6

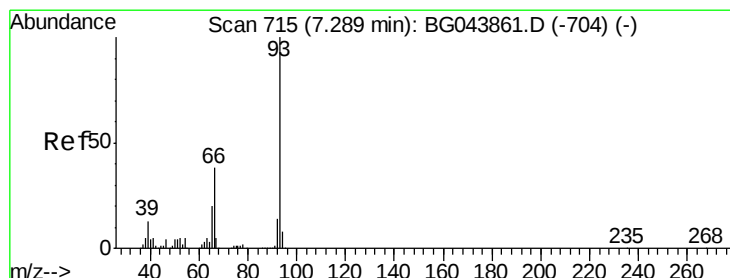
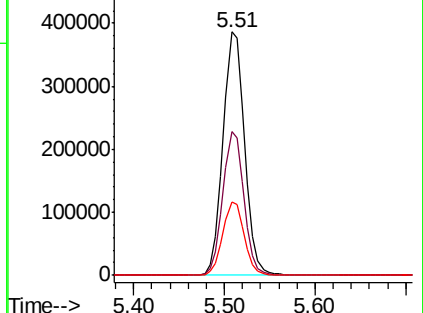
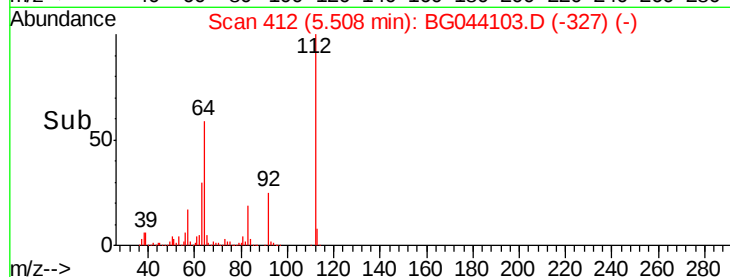
63 30.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.423 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

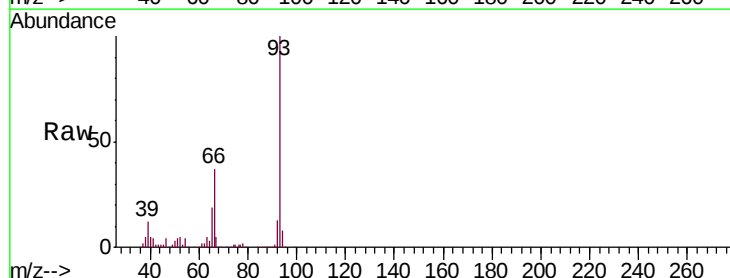
Tgt Ion: 93 Resp: 261756

Ion Ratio Lower Upper

93 100

66 37.1 30.8 46.2

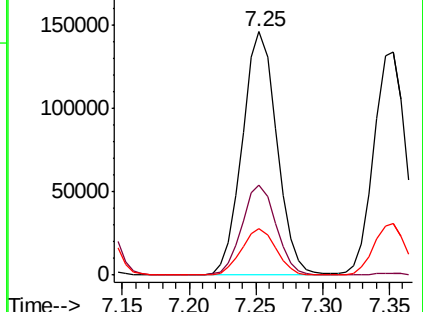
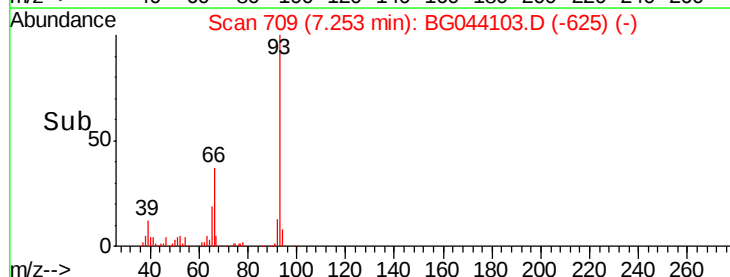
65 19.1 16.0 24.0

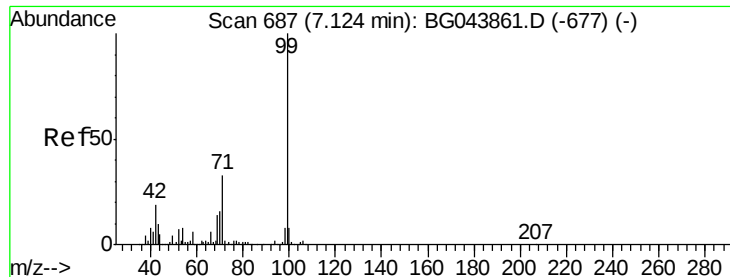


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.055 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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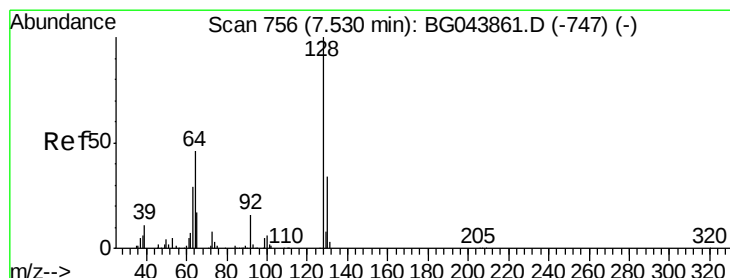
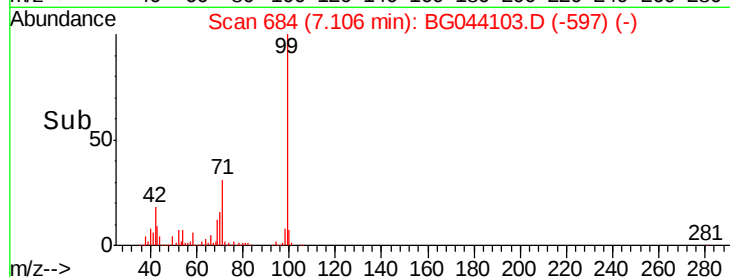
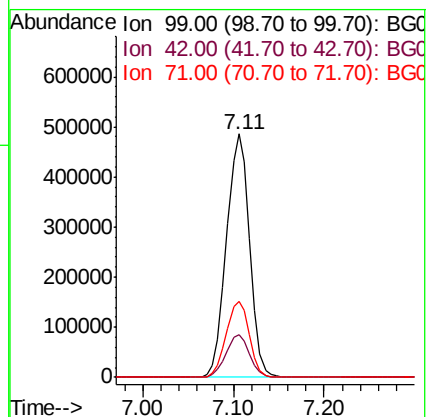
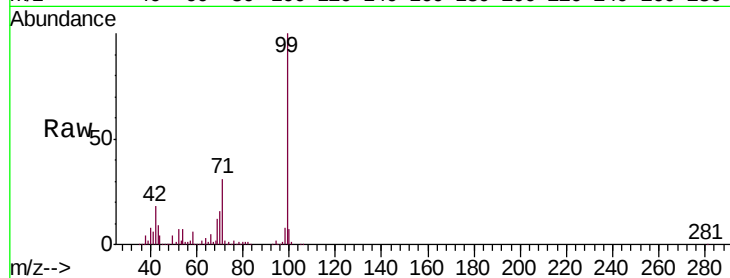
Tgt Ion: 99 Resp: 858940

Ion Ratio Lower Upper

99 100

42 17.7 14.9 22.3

71 31.3 26.4 39.6



#8

2-Chlorophenol

Concen: 49.502 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

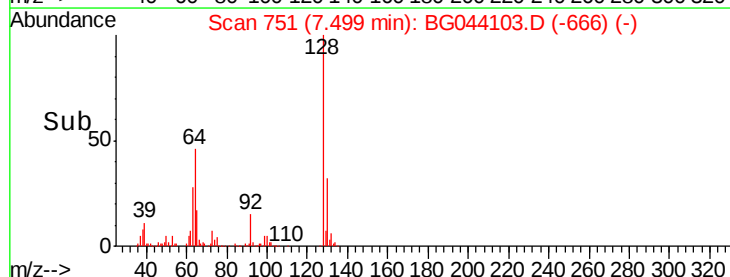
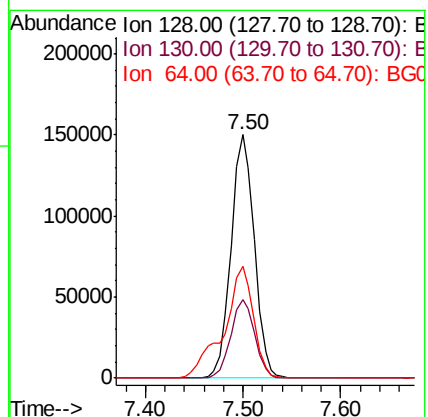
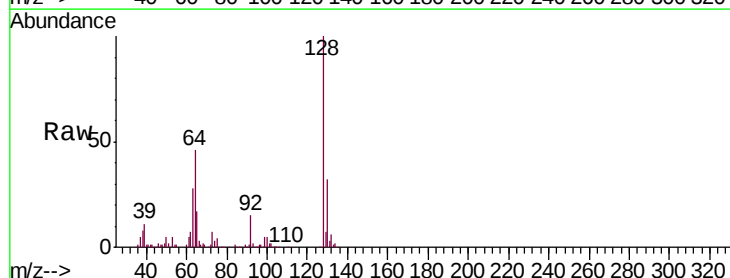
Tgt Ion: 128 Resp: 247892

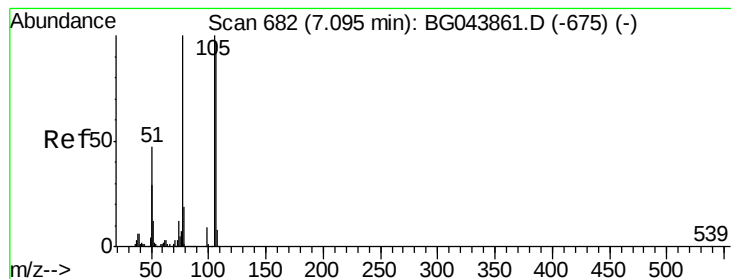
Ion Ratio Lower Upper

128 100

130 32.2 13.8 53.8

64 45.7 27.6 67.6





#9

Benzaldehyde

Concen: 31.956 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.03 min

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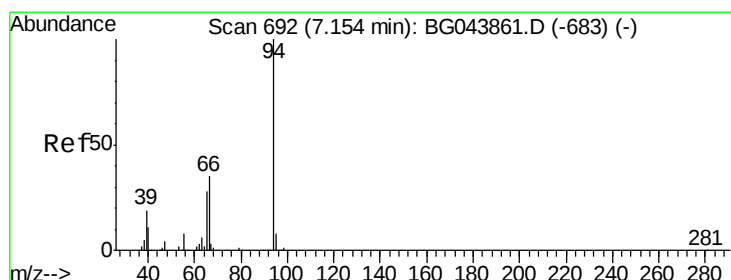
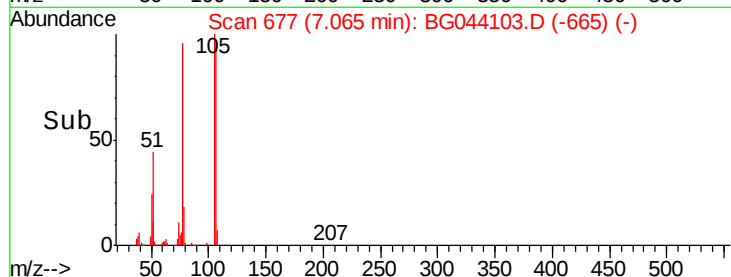
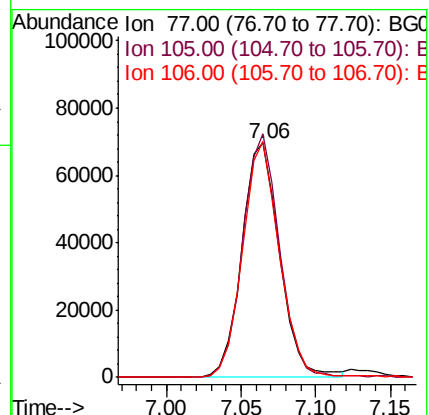
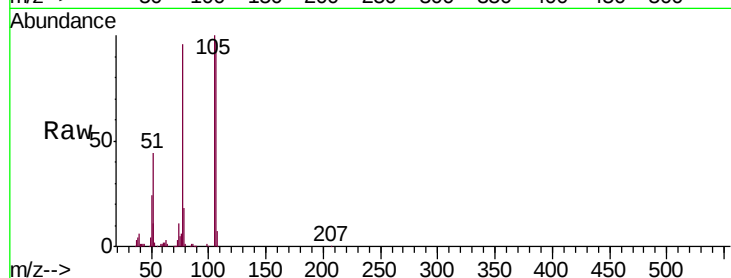
Tgt Ion: 77 Resp: 121949

Ion Ratio Lower Upper

77 100

105 104.0 80.2 120.2

106 100.8 77.2 117.2



#10

Phenol

Concen: 49.731 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

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Acq: 20 Jan 2020 18:22

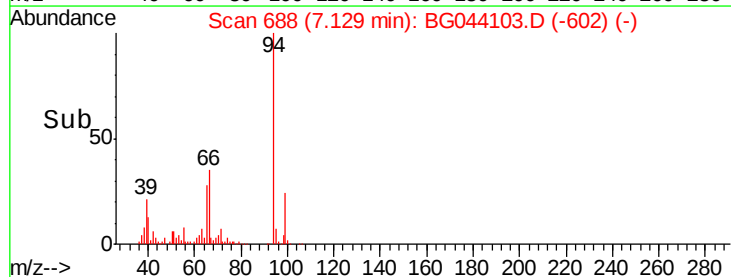
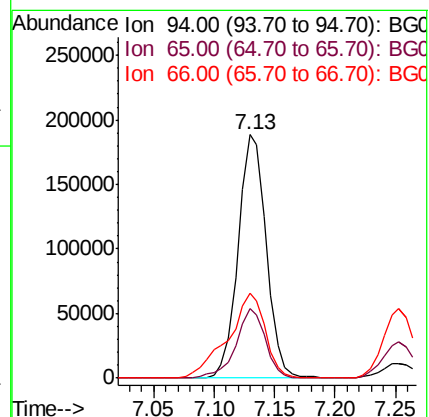
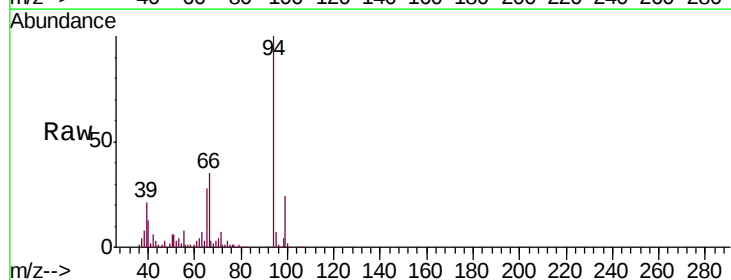
Tgt Ion: 94 Resp: 305512

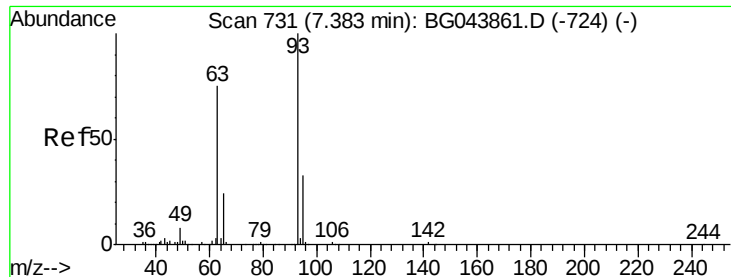
Ion Ratio Lower Upper

94 100

65 28.4 8.1 48.1

66 34.8 15.6 55.6

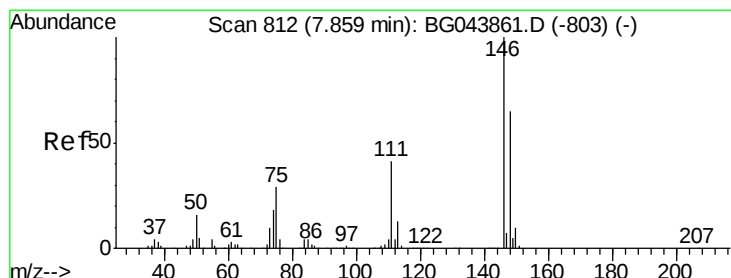
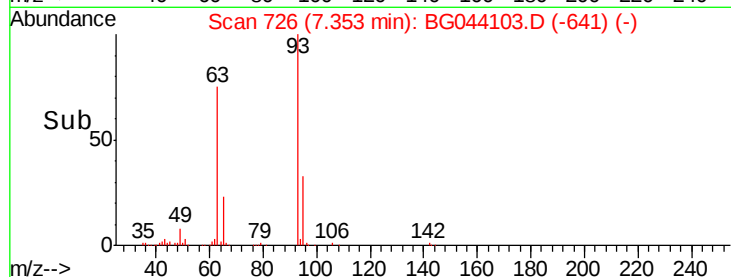
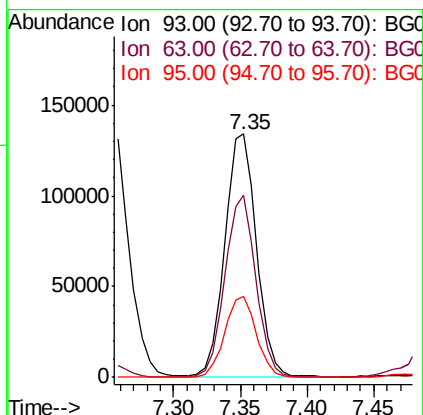
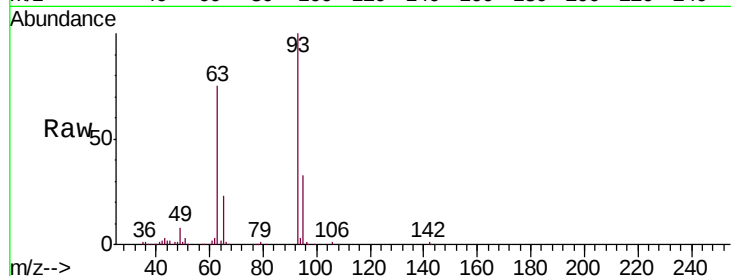




#11
 bis(2-Chloroethyl)ether
 Concen: 42.060 ng
 RT: 7.35 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

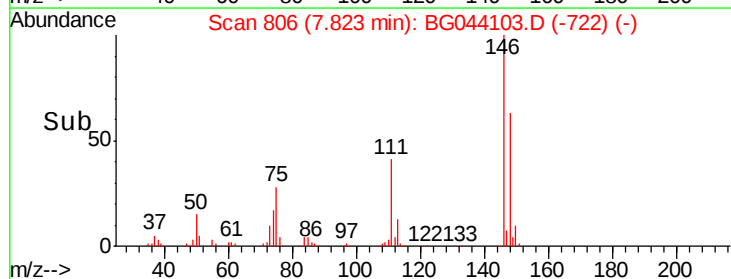
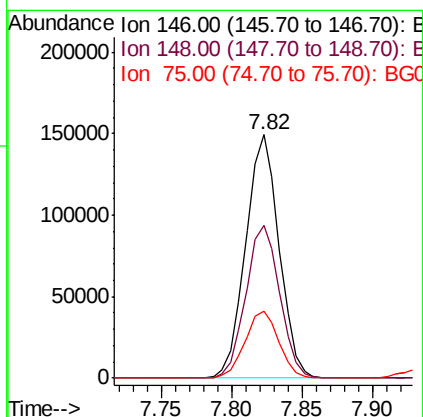
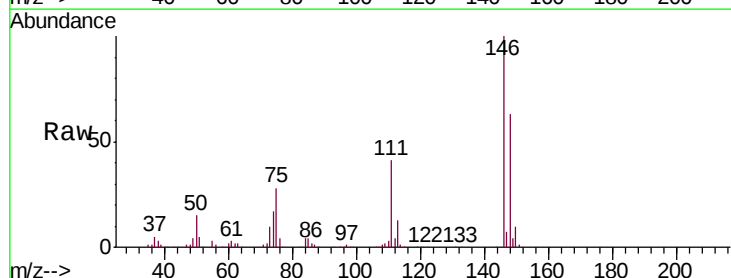
Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

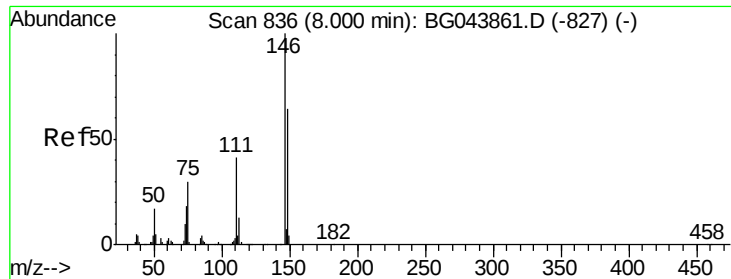
Tgt Ion: 93 Resp: 223040
 Ion Ratio Lower Upper
 93 100
 63 74.6 55.0 95.0
 95 33.1 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 42.218 ng
 RT: 7.82 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion: 146 Resp: 247399
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.1 78.1
 75 27.6 23.0 34.4

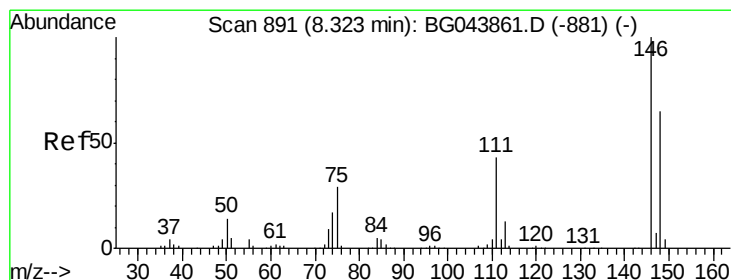
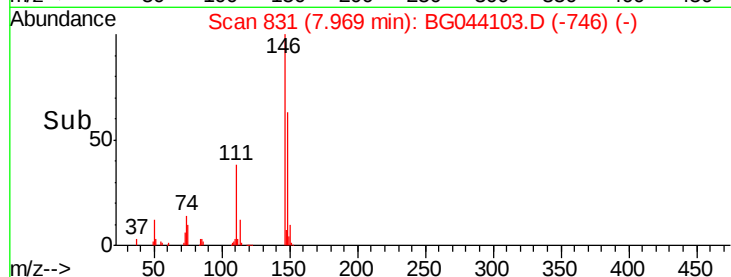
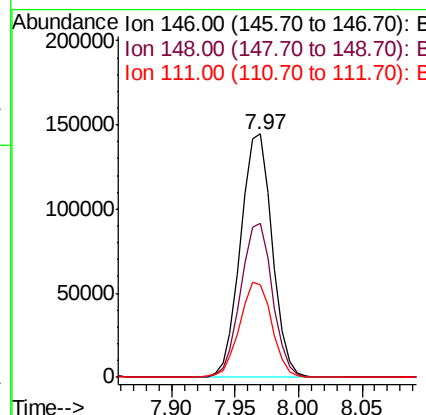
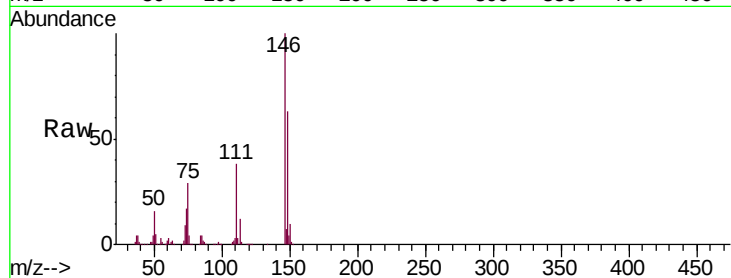




#13
 1,4-Dichlorobenzene
 Concen: 43.262 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

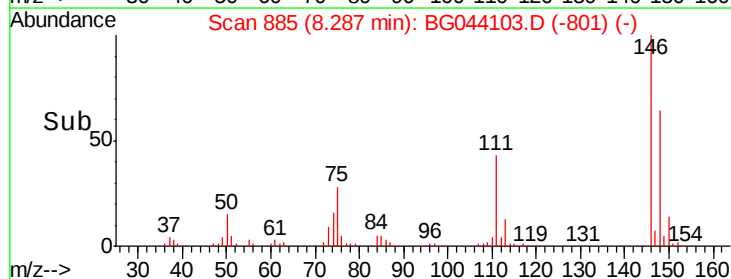
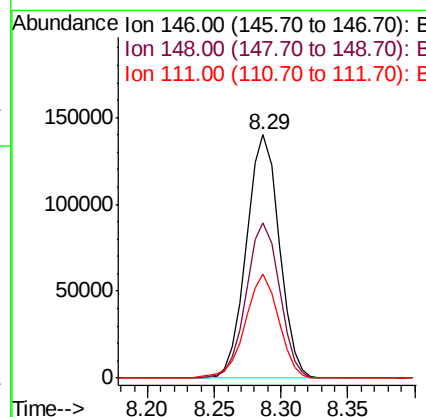
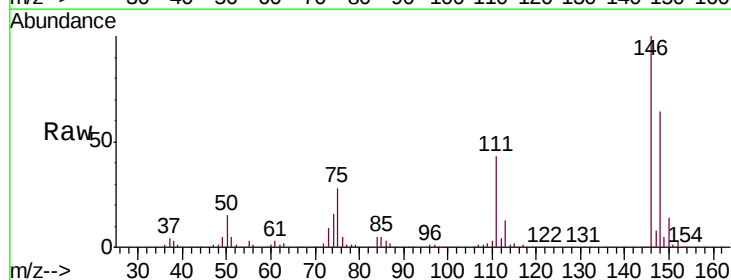
Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

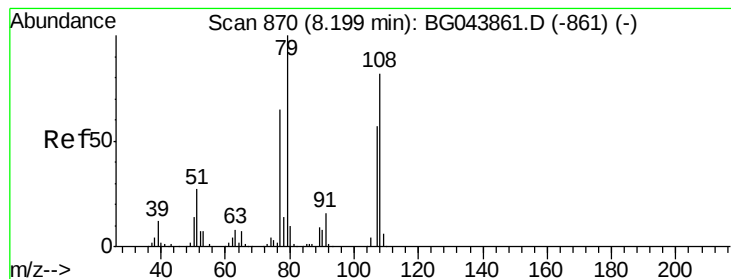
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
111	37.9	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 42.793 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.7	77.5
111	43.0	34.4	51.6





#15

Benzyl Alcohol

Concen: 44.276 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

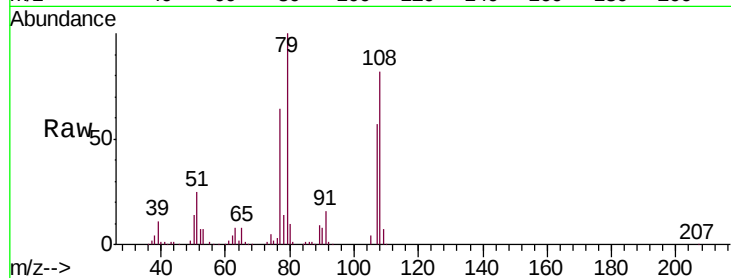
Tgt Ion: 79 Resp: 208356

Ion Ratio Lower Upper

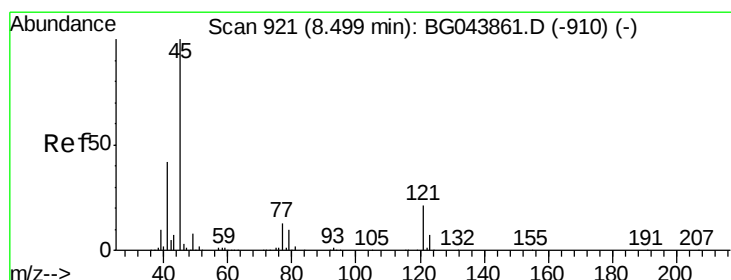
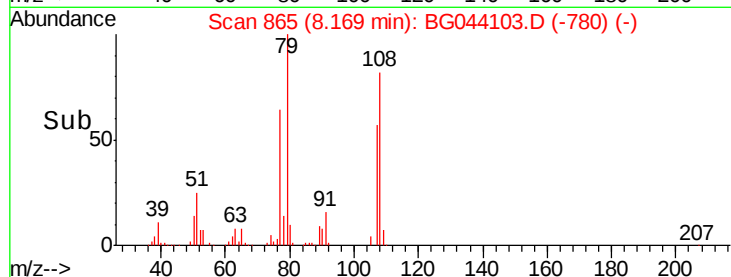
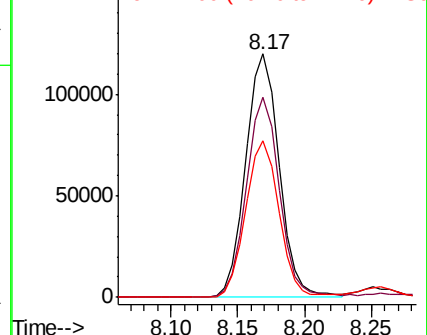
79 100

108 82.3 65.6 98.4

77 64.2 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.799 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

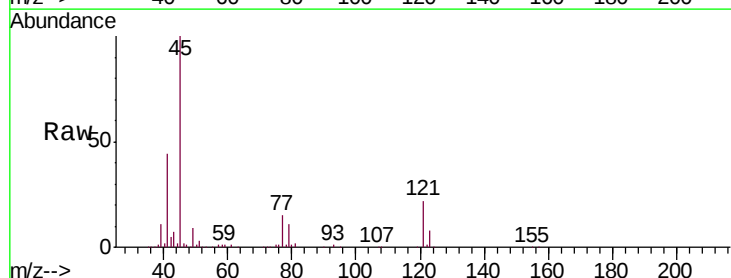
Tgt Ion: 45 Resp: 301904

Ion Ratio Lower Upper

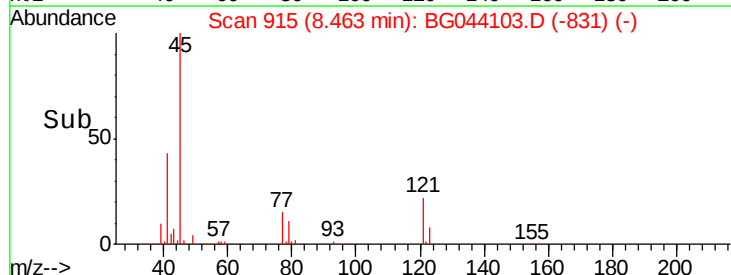
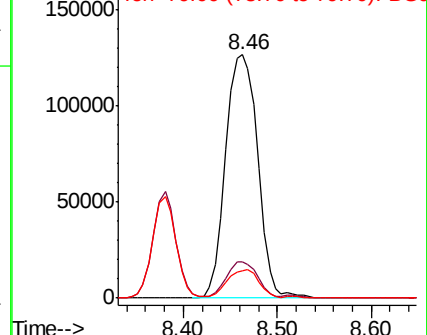
45 100

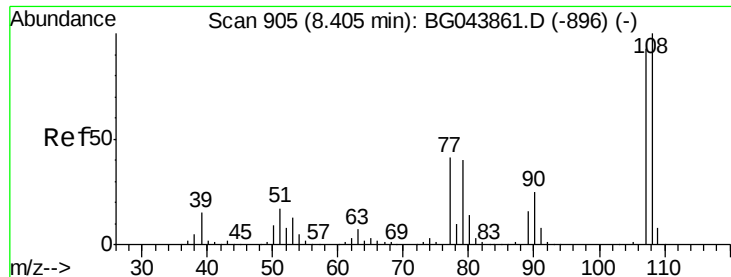
77 14.8 0.0 33.8

79 11.1 0.0 31.0



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

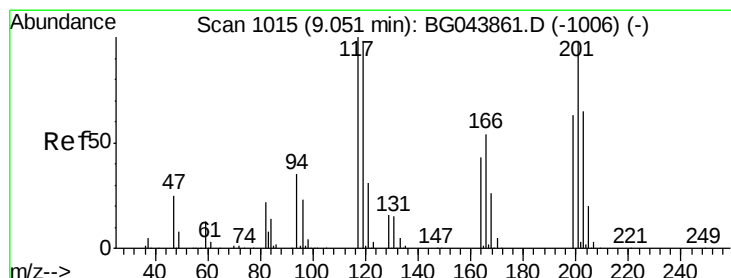
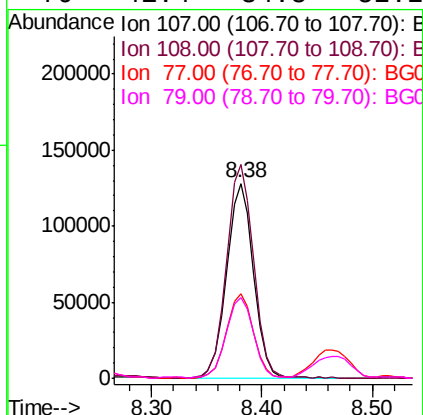
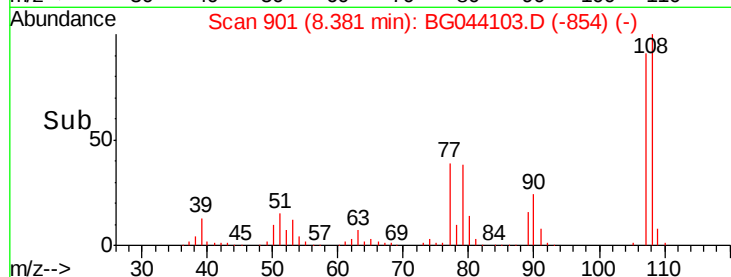
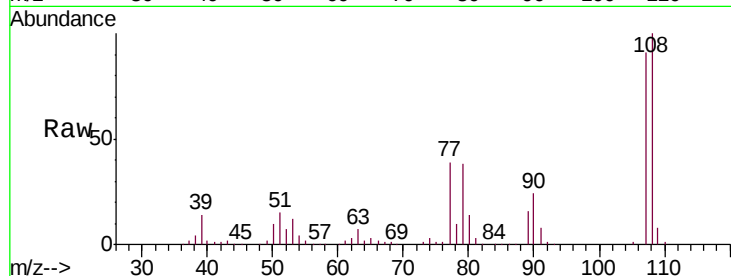




#17
2-Methylphenol
Concen: 49.258 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

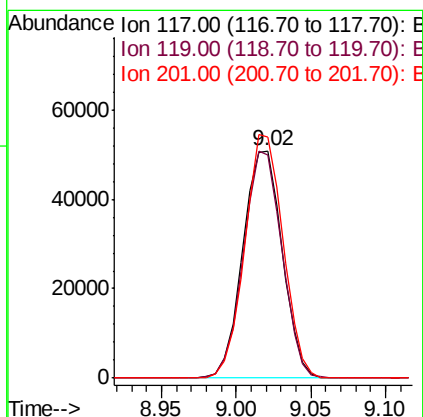
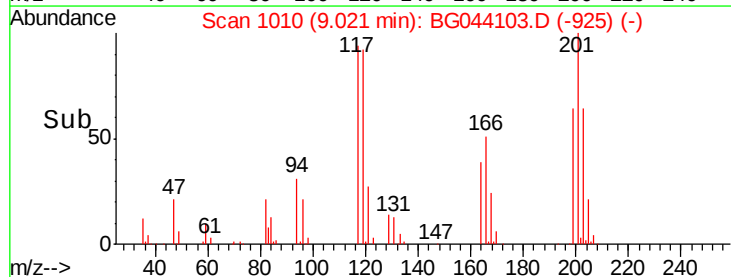
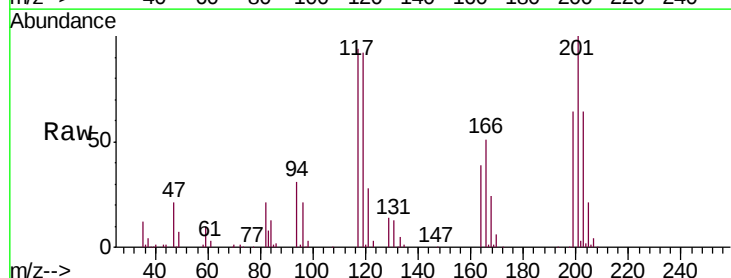
Instrument :
BNA_G
ClientSampleId :
PB126194BSD

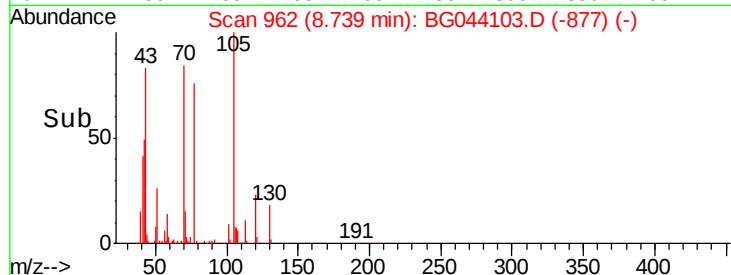
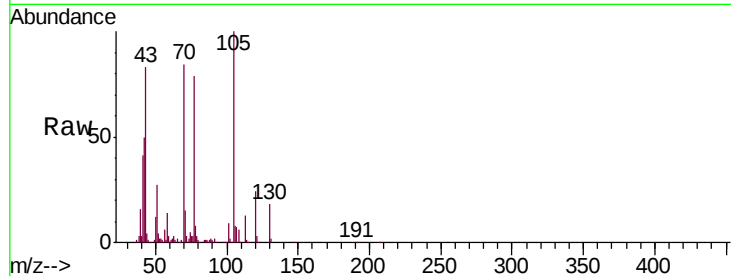
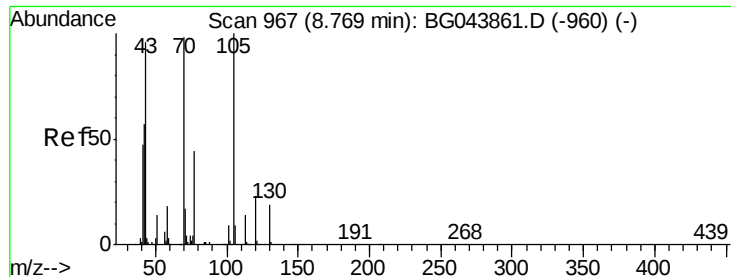
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	218986		
108	109.5	86.1	129.1	
77	43.2	35.4	53.0	
79	41.4	34.8	52.2	



#18
Hexachloroethane
Concen: 41.247 ng
RT: 9.02 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	92800		
119	98.1	78.1	117.1	
201	106.1	78.6	117.8	

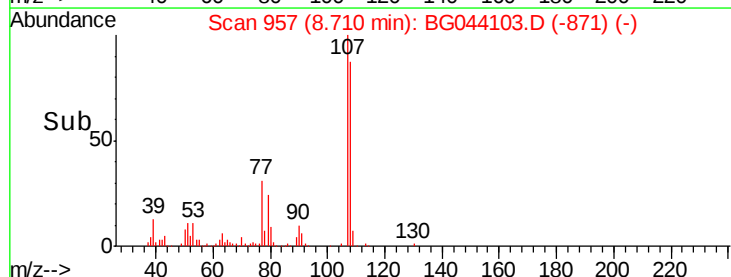
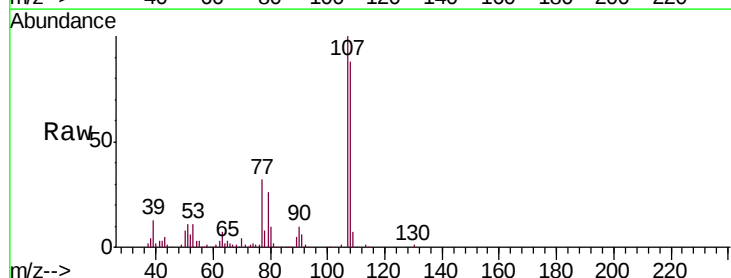
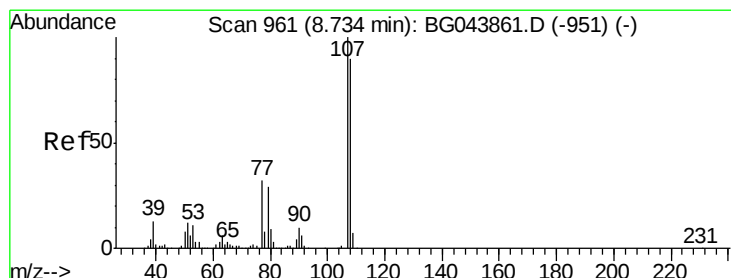
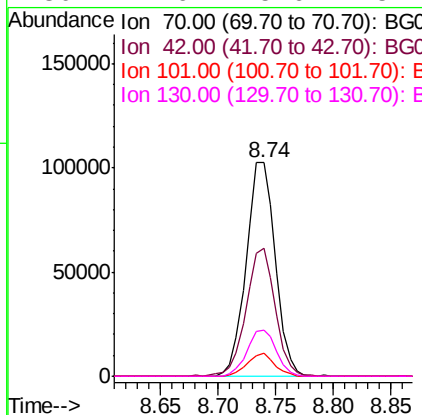




#19
n-Nitroso-di-n-propylamine
Concen: 40.597 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

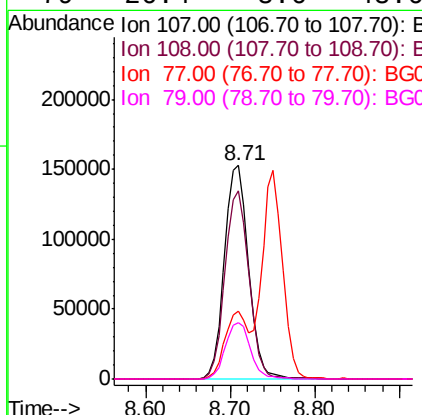
Instrument :
BNA_G
ClientSampleId :
PB126194BSD

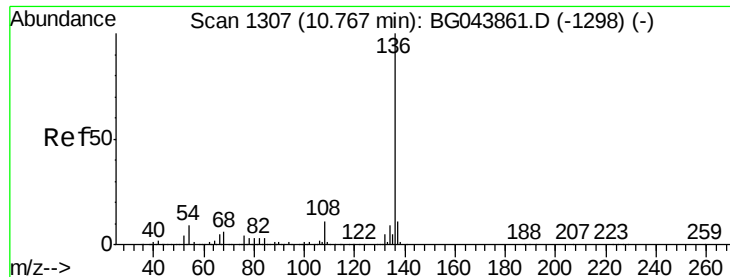
Tgt Ion:	70	Resp:	180267
Ion	Ratio	Lower	Upper
70	100		
42	59.7	47.0	70.4
101	11.0	7.2	10.8
130	21.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 48.495 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion:	107	Resp:	300761
Ion	Ratio	Lower	Upper
107	100		
108	87.8	70.3	110.3
77	31.9	12.4	52.4
79	26.4	8.6	48.6

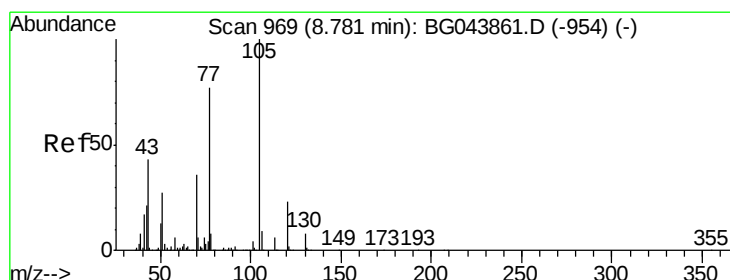
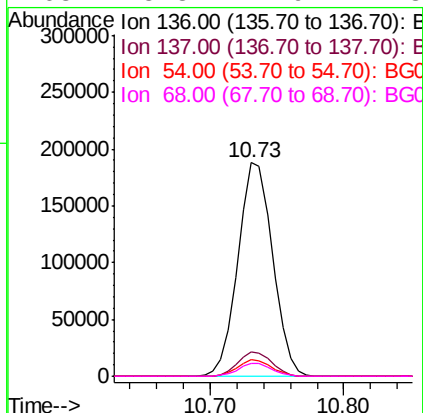
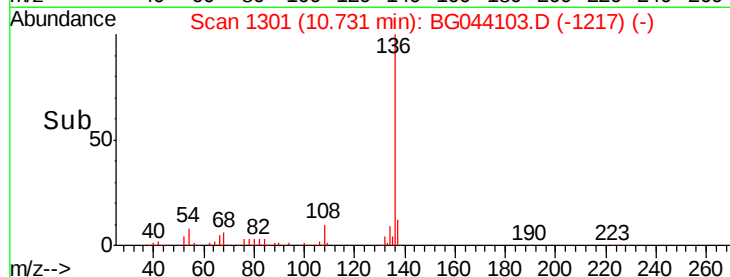
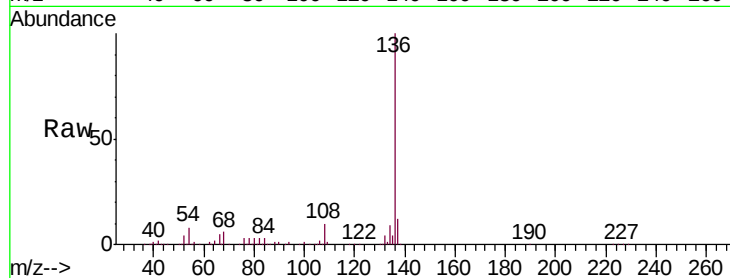




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

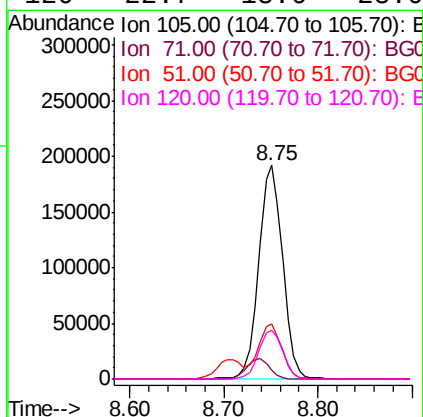
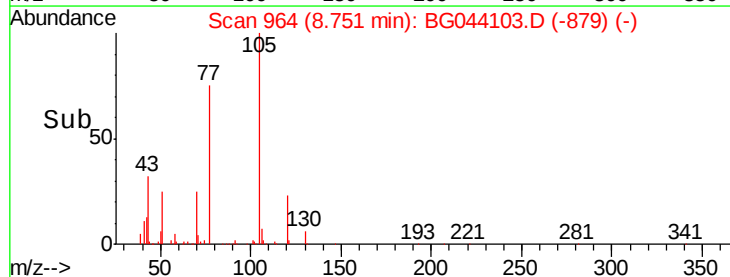
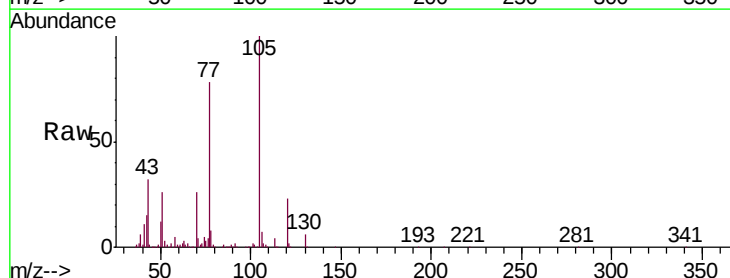
Instrument :
BNA_G
ClientSampleId :
PB126194BSD

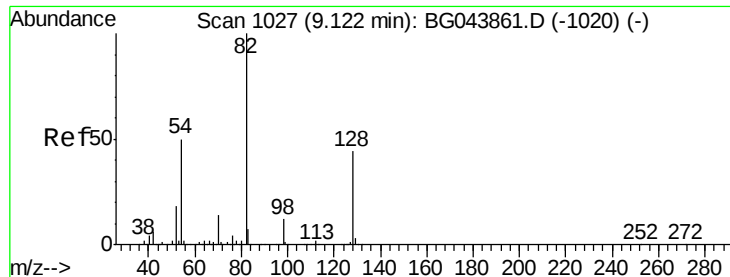
Tgt Ion:	136	Resp:	338903
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.8	7.0	10.4
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 39.929 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion:	105	Resp:	336415
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.8	7.2#
51	26.1	21.4	32.0
120	22.7	18.6	28.0

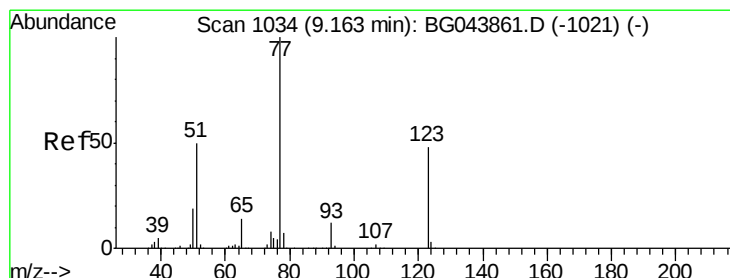
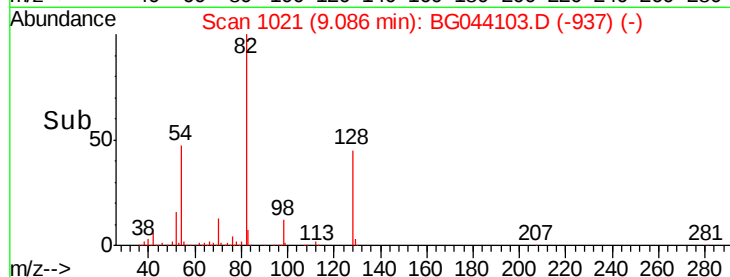
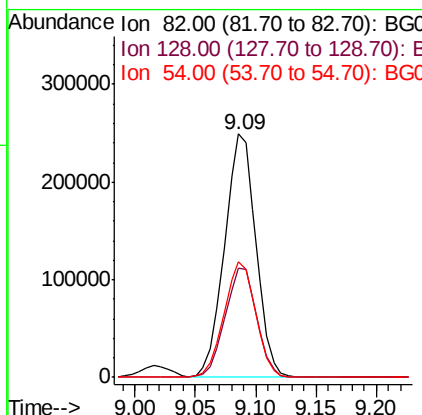
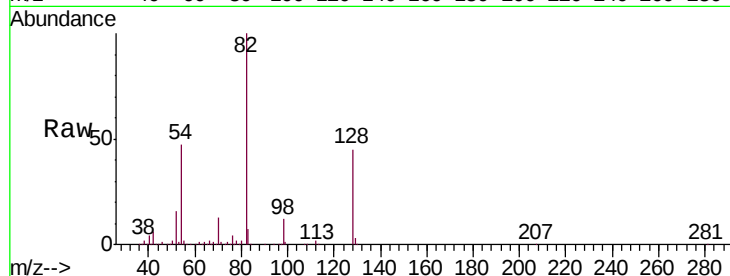




#23
 Nitrobenzene-d5
 Concen: 70.930 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

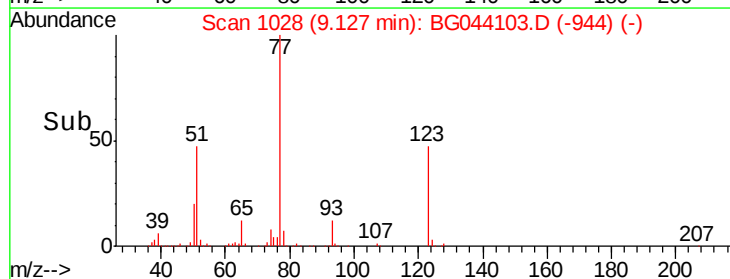
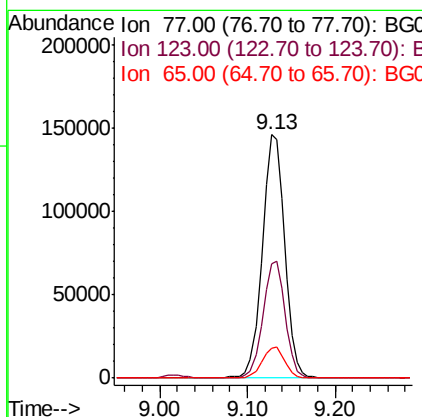
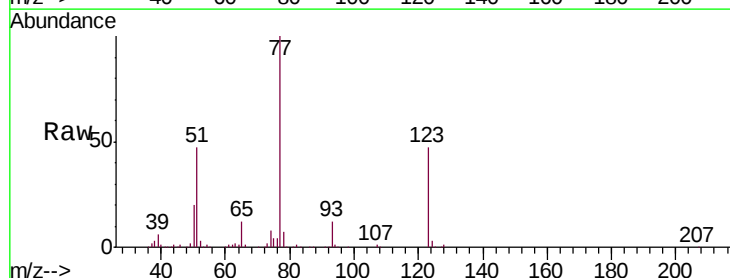
Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

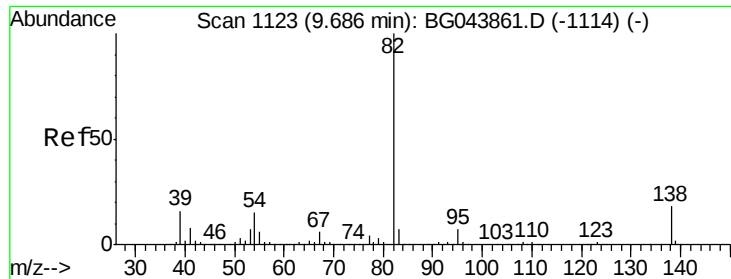
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.1	52.7
54	47.3	40.1	60.1



#24
 Nitrobenzene
 Concen: 41.159 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	38.7	58.1
65	12.3	11.1	16.7





#25

Isophorone

Concen: 42.035 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

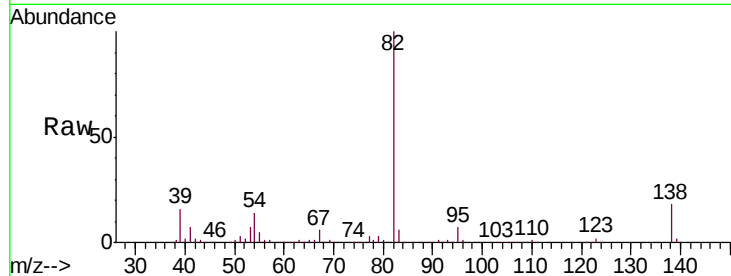
Tgt Ion: 82 Resp: 499604

Ion Ratio Lower Upper

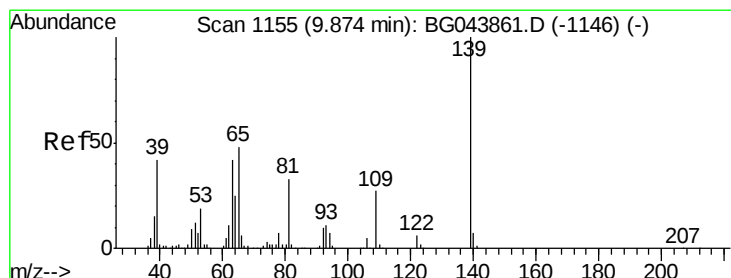
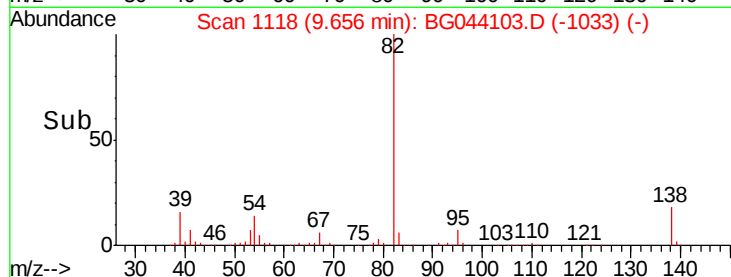
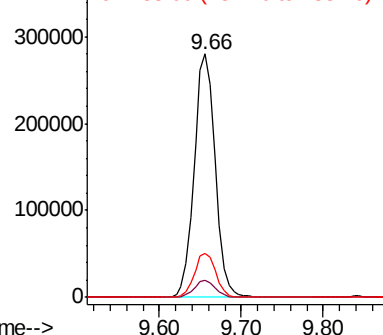
82 100

95 7.1 5.8 8.6

138 18.1 14.6 22.0



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: 47.322 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

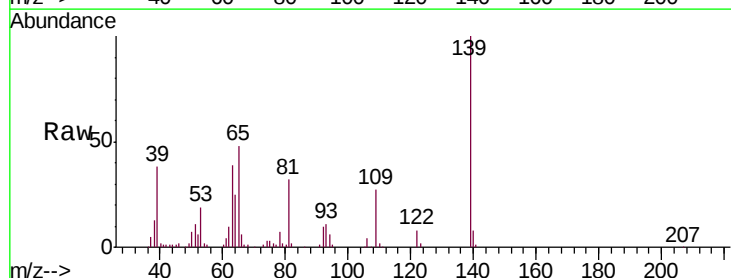
Tgt Ion: 139 Resp: 140478

Ion Ratio Lower Upper

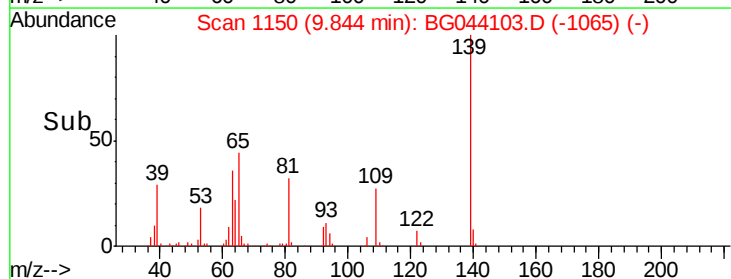
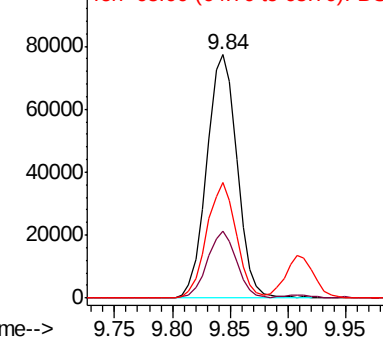
139 100

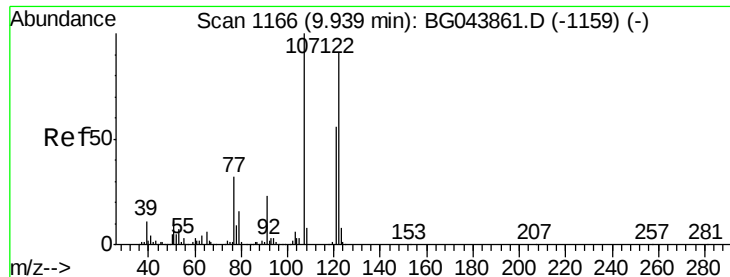
109 27.4 21.3 31.9

65 47.6 38.6 57.8



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

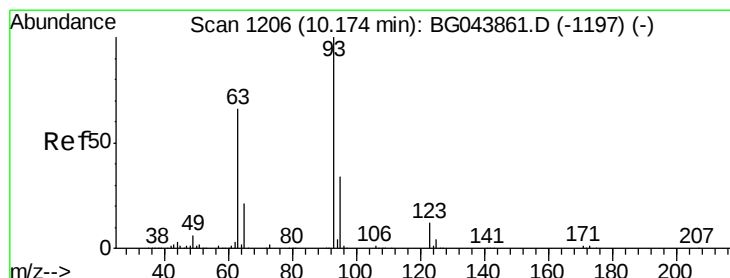
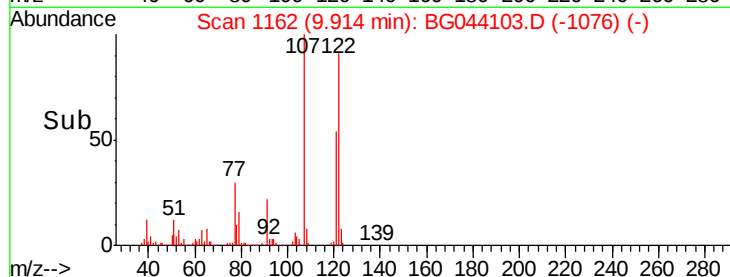
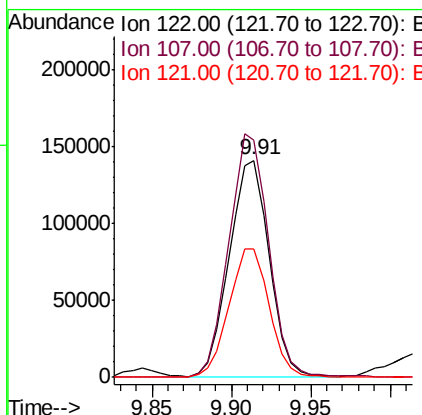
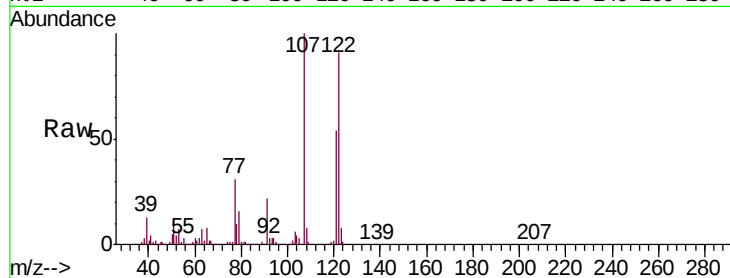




#27
 2,4-Dimethylphenol
 Concen: 54.781 ng
 RT: 9.91 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

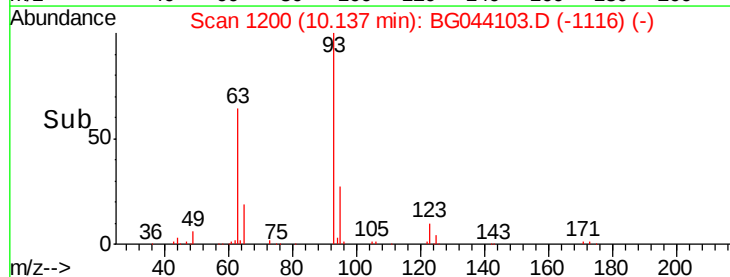
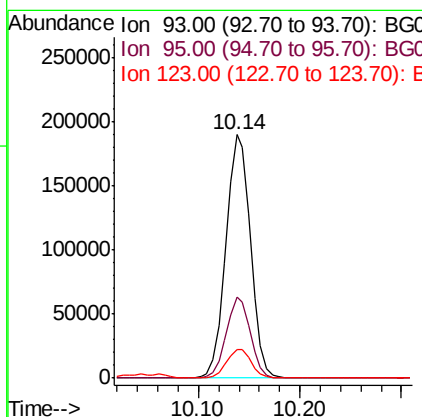
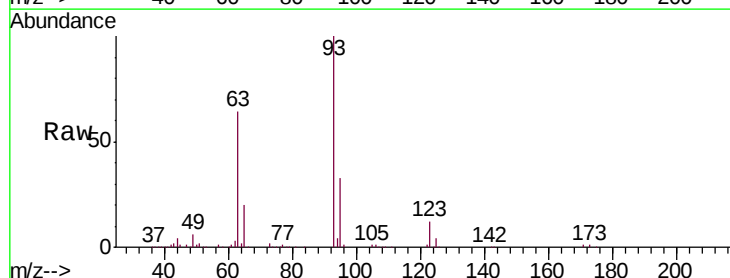
Instrument :
 BNA_G
 ClientSampleId :
 PB126194BSD

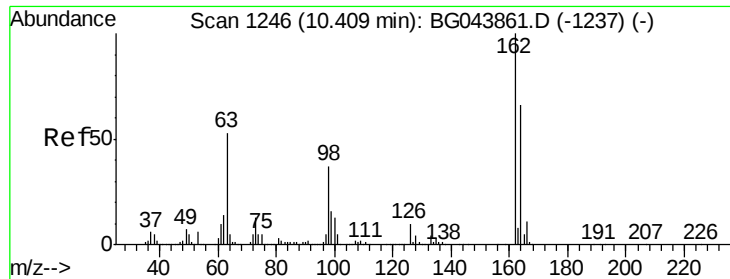
Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.5	88.0	132.0
121	59.1	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.253 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044103.D
 Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.2	40.8
123	11.6	9.7	14.5

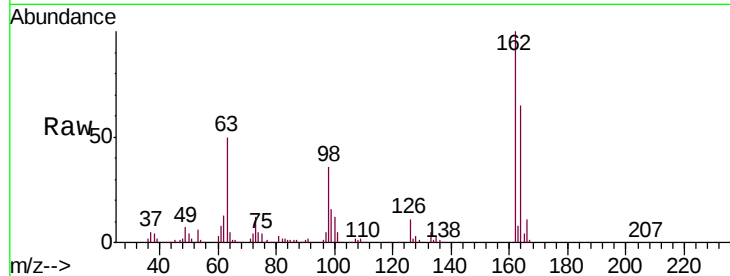




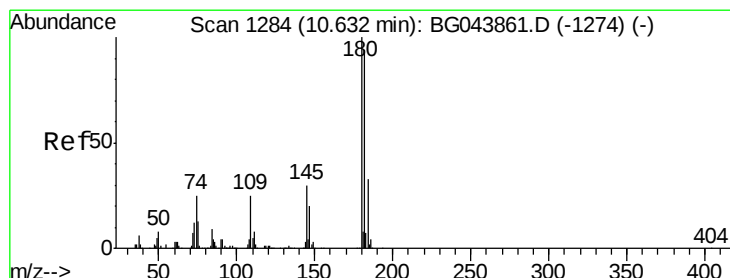
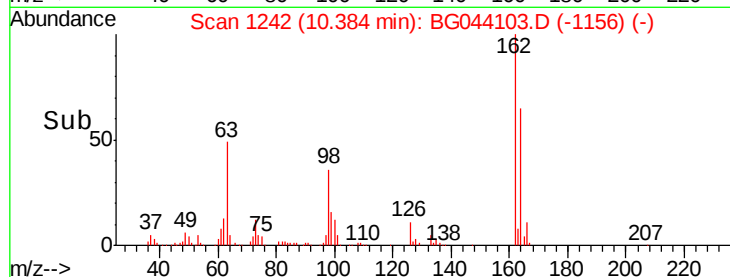
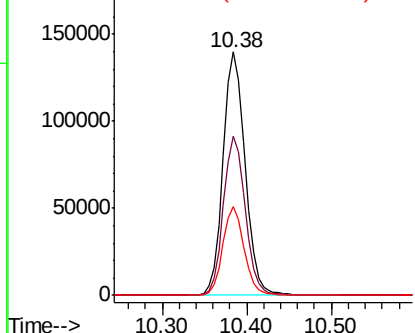
#29
2,4-Dichlorophenol
Concen: 47.323 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tgt Ion:162 Resp: 252240
Ion Ratio Lower Upper
162 100
164 65.3 46.3 86.3
98 36.3 17.3 57.3

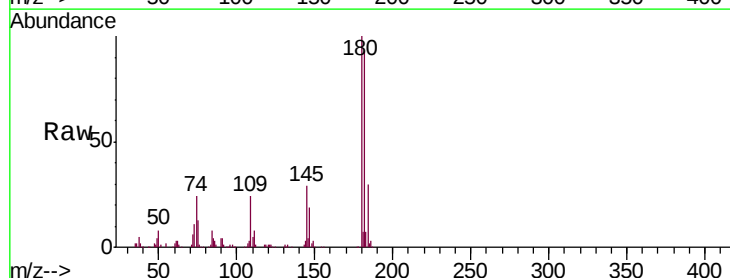


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

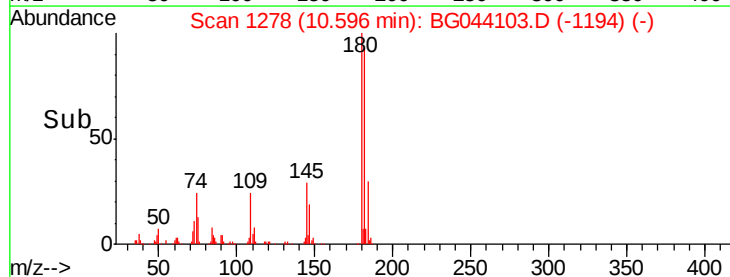
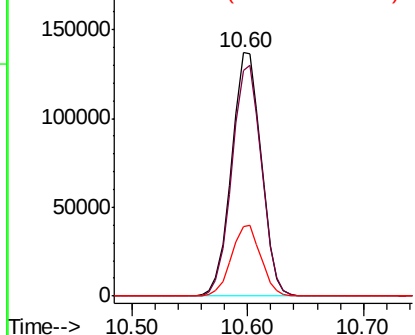


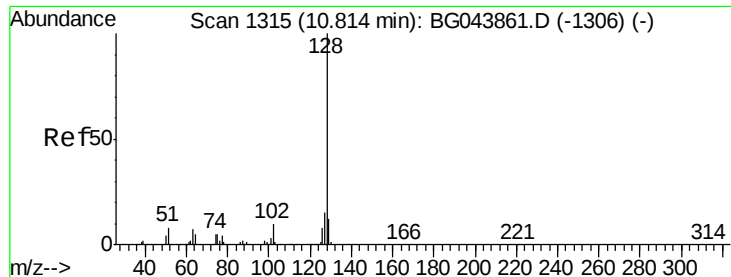
#30
1,2,4-Trichlorobenzene
Concen: 40.937 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion:180 Resp: 244661
Ion Ratio Lower Upper
180 100
182 92.7 75.0 112.4
145 28.7 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

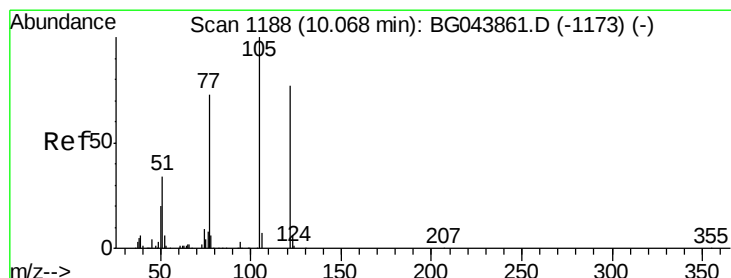
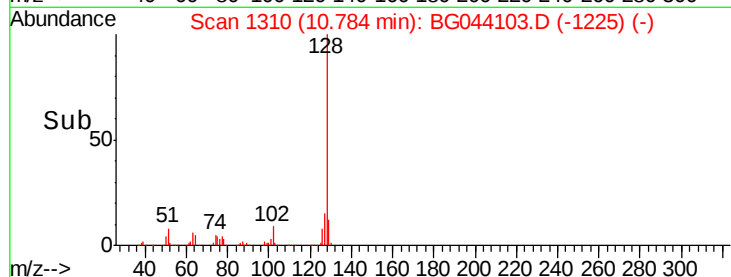
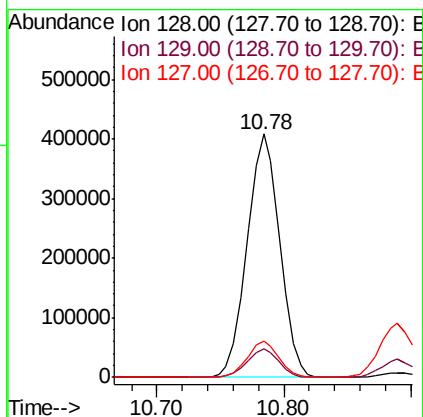
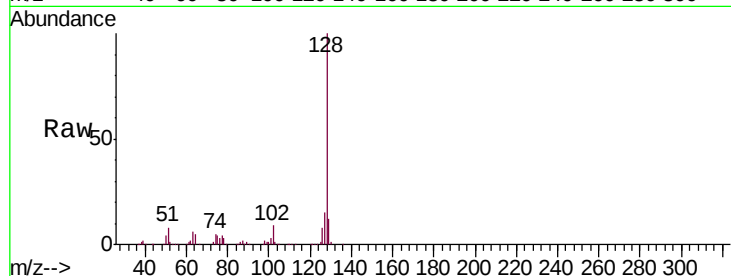




#31
Naphthalene
Concen: 44.502 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

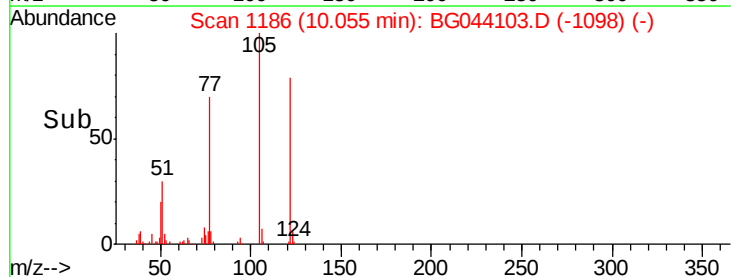
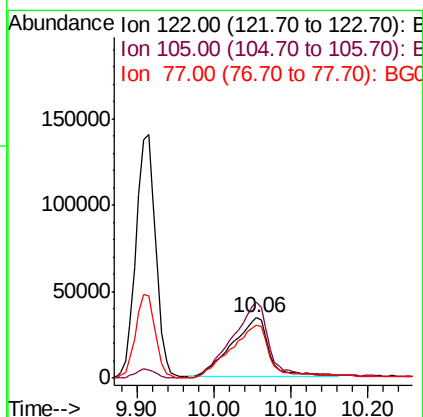
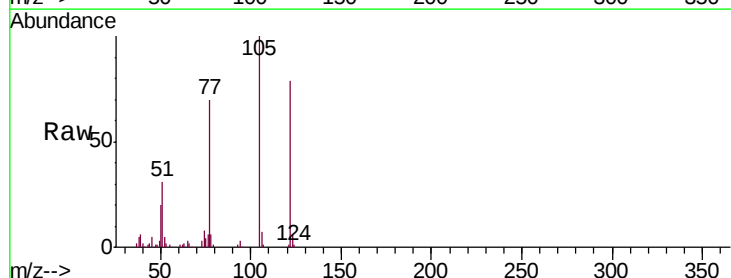
Instrument :
BNA_G
ClientSampleId :
PB126194BSD

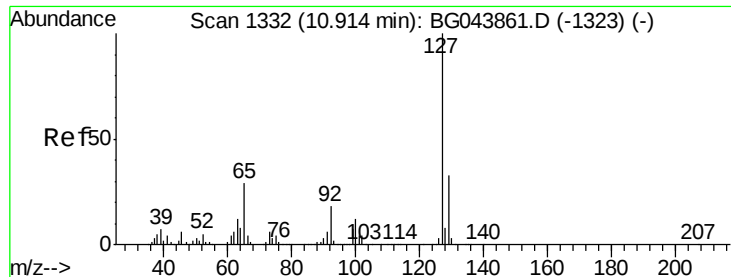
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	14.8	12.0	18.0



#32
Benzoic acid
Concen: 34.586 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	106.4	146.4
77	88.7	74.6	114.6

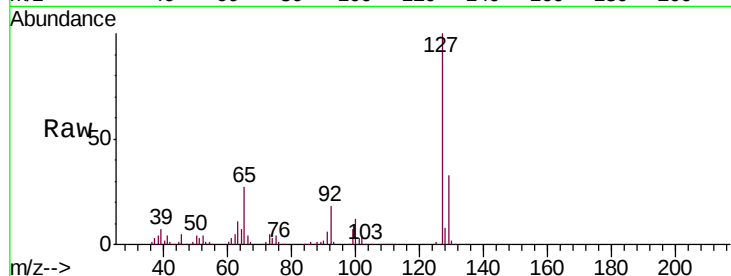




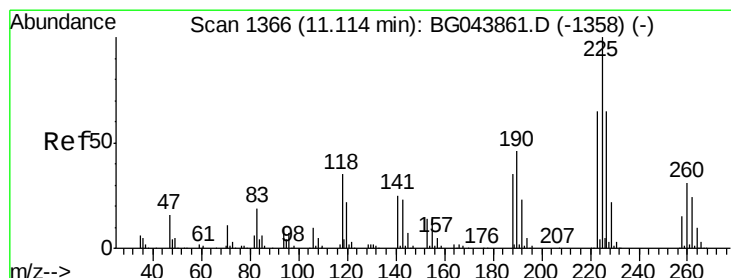
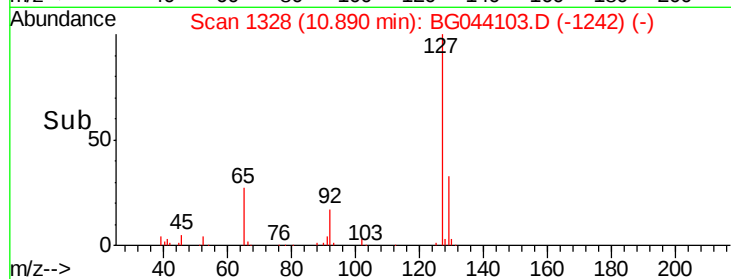
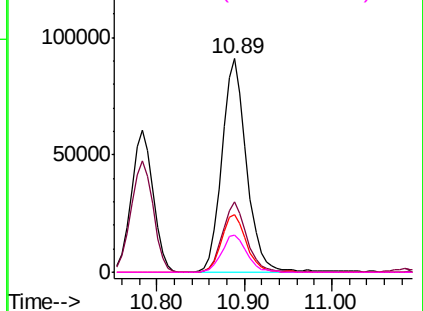
#33
4-Chloroaniline
Concen: 22.639 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Instrument :
BNA_G
ClientSampleId :
PB126194BSD

Tgt Ion:	127	Resp:	177088
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	27.2	23.3	34.9
92	17.6	14.7	22.1

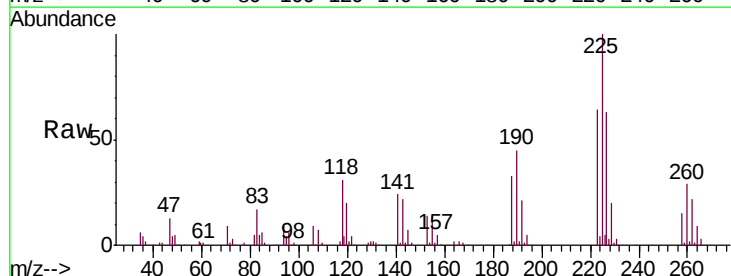


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

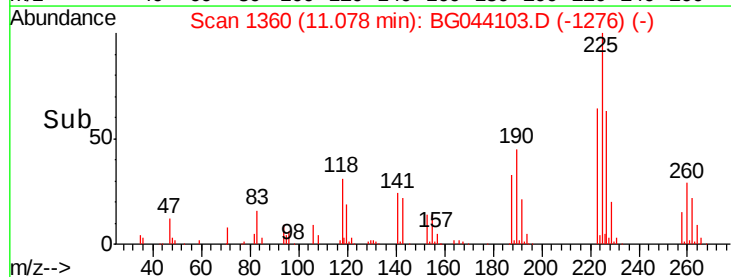
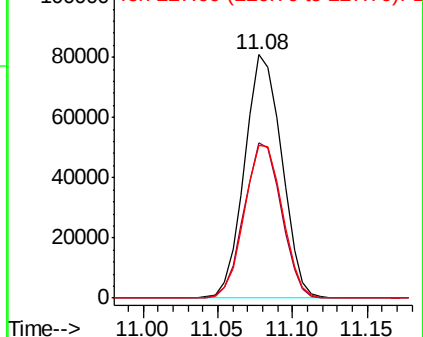


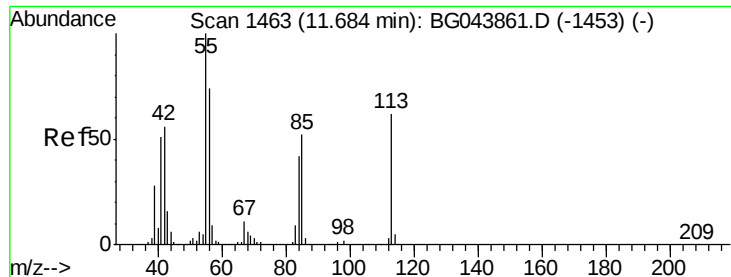
#34
Hexachlorobutadiene
Concen: 38.206 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion:	225	Resp:	139414
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.2	78.4
227	62.8	52.1	78.1



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: 35.115 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

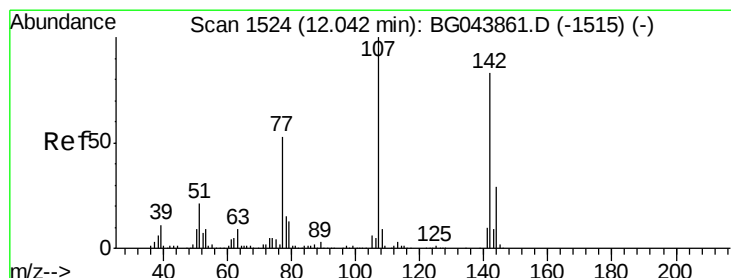
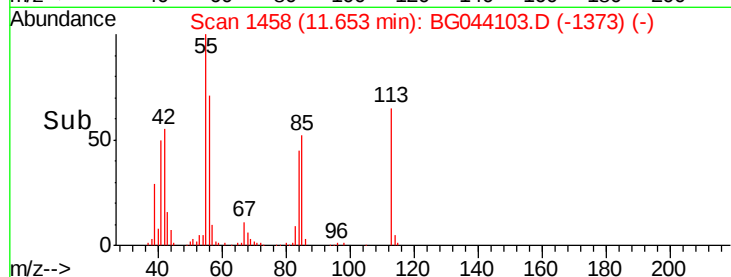
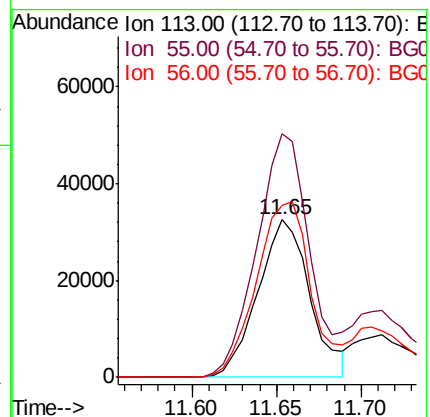
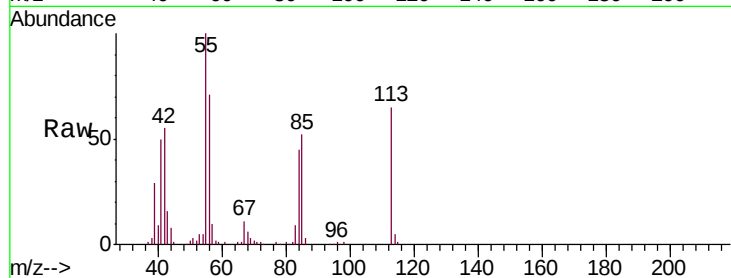
Tgt Ion:113 Resp: 69678

Ion Ratio Lower Upper

113 100

55 154.5 142.5 182.5

56 109.0 101.4 141.4



#36

4-Chloro-3-methylphenol

Concen: 48.120 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

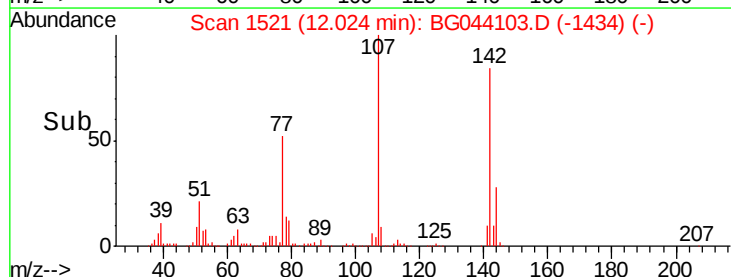
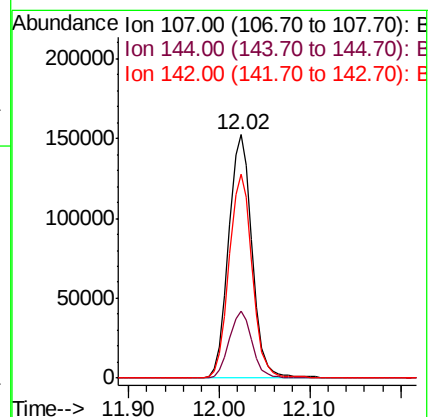
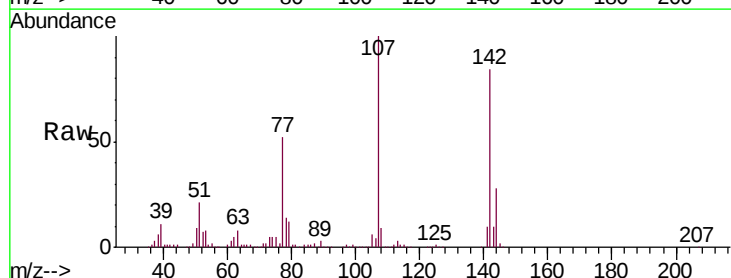
Tgt Ion:107 Resp: 273049

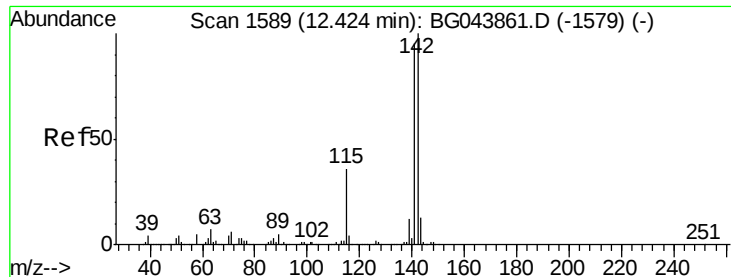
Ion Ratio Lower Upper

107 100

144 27.7 23.4 35.2

142 83.8 66.3 99.5

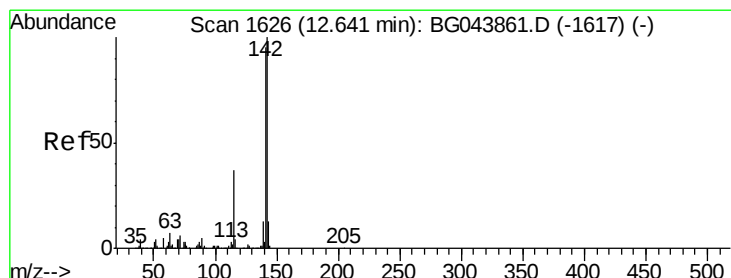
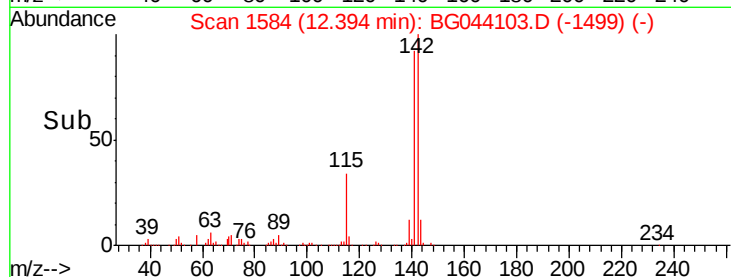
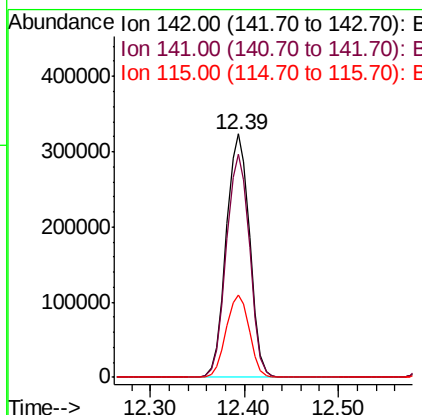
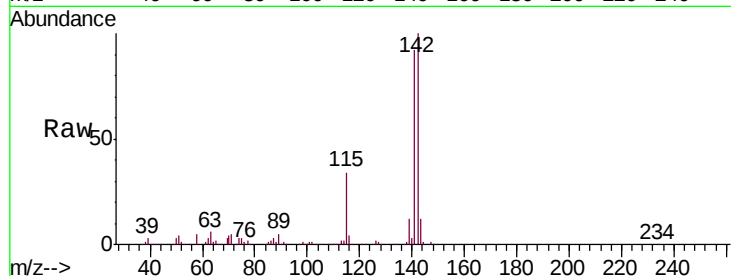




#37
2-Methylnaphthalene
Concen: 45.093 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

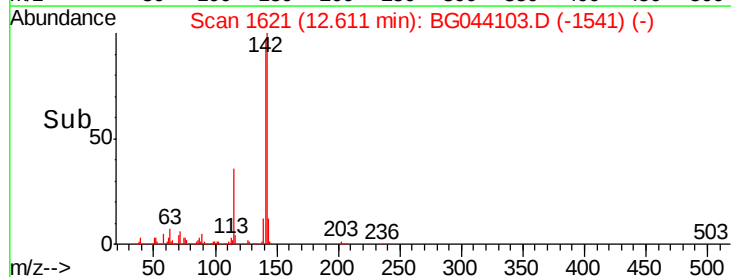
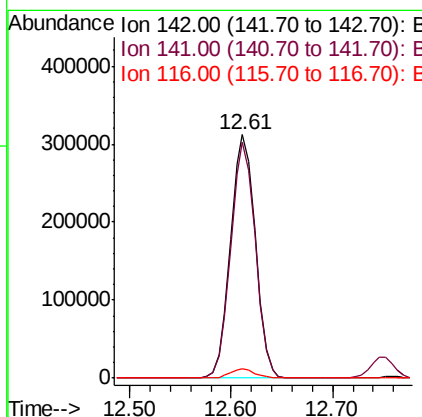
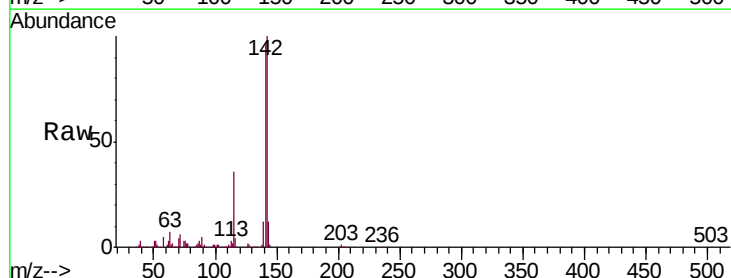
Instrument :
BNA_G
ClientSampleId :
PB126194BSD

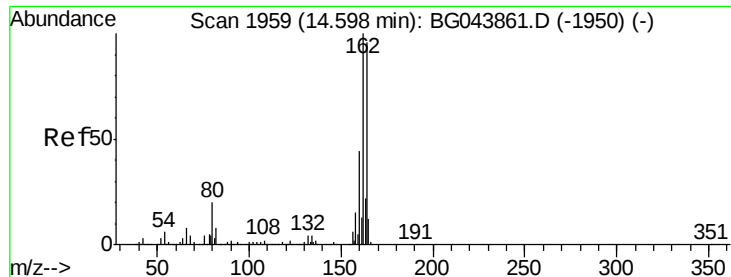
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.8	113.8
115	34.1	28.6	42.8



#38
1-Methylnaphthalene
Concen: 45.317 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044103.D
Acq: 20 Jan 2020 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.7	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

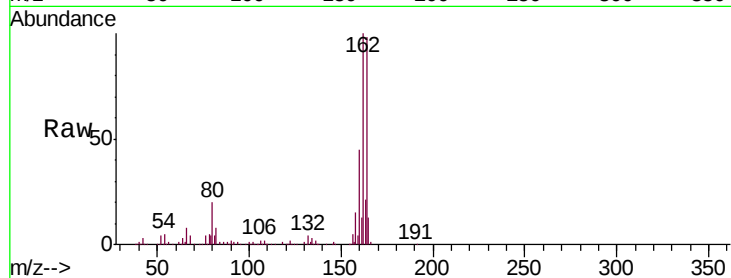
Tgt Ion:164 Resp: 228842

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.4

160 46.0 36.1 54.1

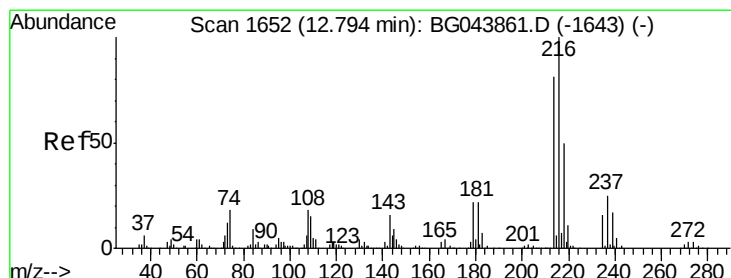
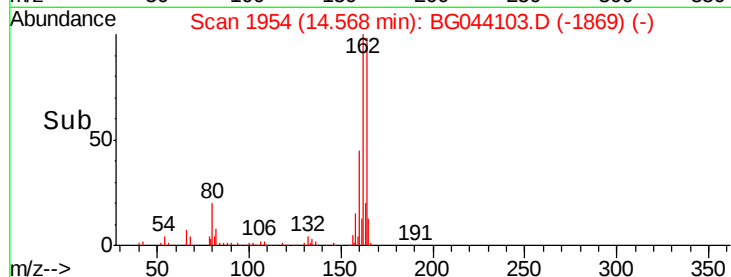
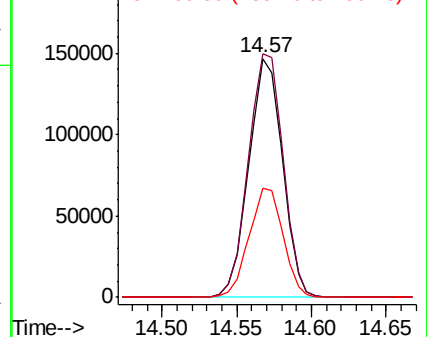


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.213 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Tgt Ion:216 Resp: 263015

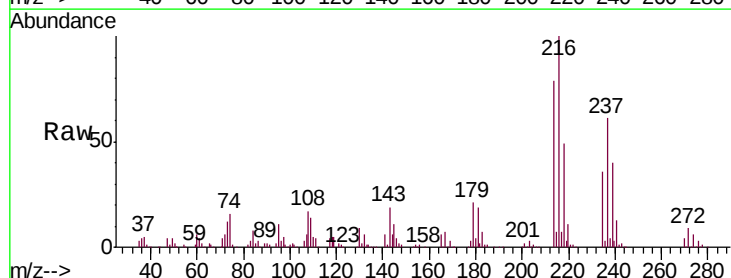
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 21.3 17.3 25.9

108 20.5 15.3 22.9



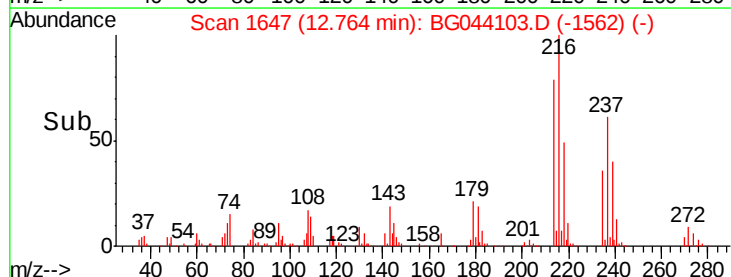
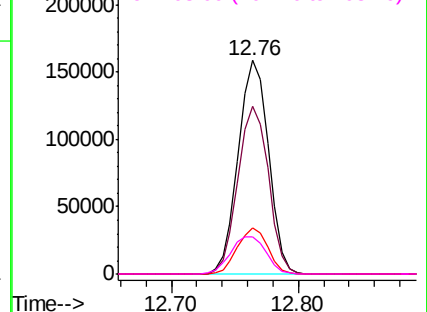
Abundance

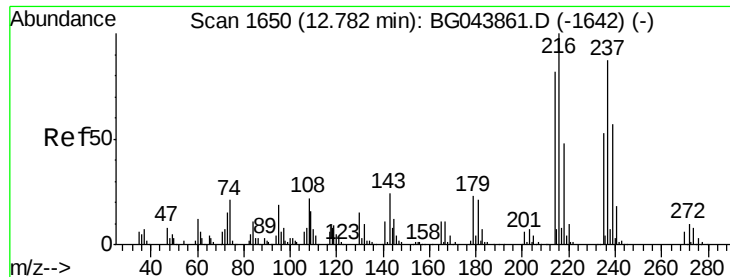
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 101.669 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

Instrument :

BNA_G

ClientSampleId :

PB126194BSD

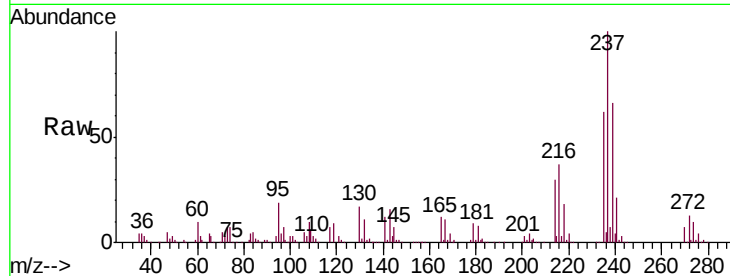
Tgt Ion: 237 Resp: 353540

Ion Ratio Lower Upper

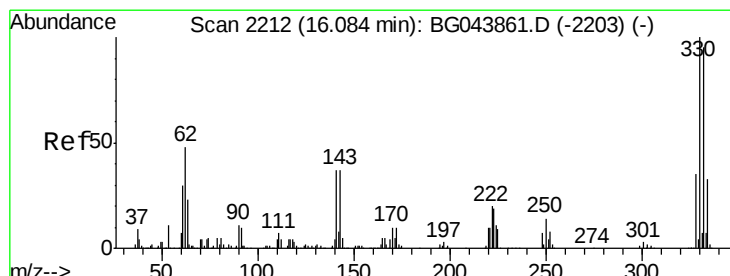
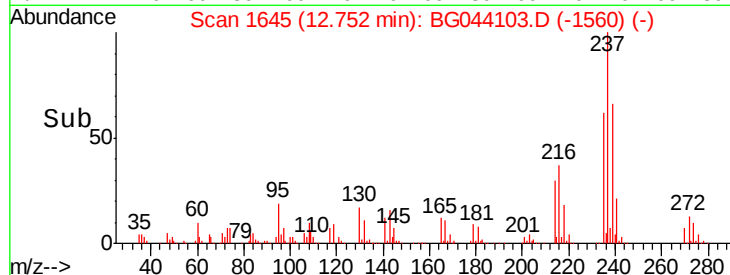
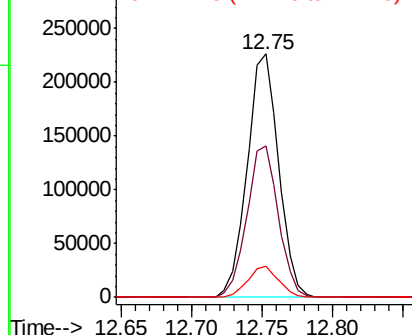
237 100

235 62.3 41.1 81.1

272 12.8 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.272 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044103.D

Acq: 20 Jan 2020 18:22

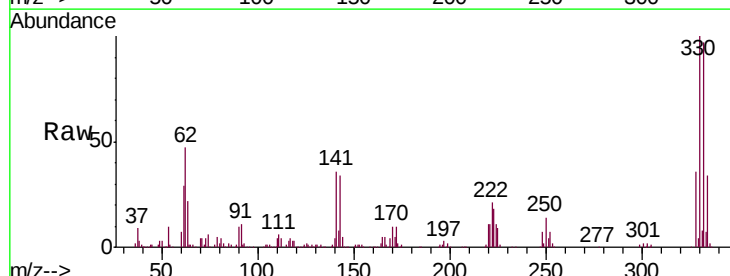
Tgt Ion: 330 Resp: 335921

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

141 37.6 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

