

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
 Data File : BG044901.D
 Acq On : 19 Mar 2020 17:36
 Operator : CG/JU
 Sample : PB127682BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

Quant Time: Mar 20 01:20:08 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	80331	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	309041	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	210461	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	481097	20.00	ng	0.00
76) Chrysene-d12	21.69	240	456029	20.00	ng	-0.01
87) Perylene-d12	24.89	264	533278	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	546976	106.00	ng	0.00
7) Phenol-d6	7.20	99	736677	98.25	ng	0.00
23) Nitrobenzene-d5	9.20	82	470341	66.78	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	308531	111.96	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	990873	67.42	ng	0.00
79) Terphenyl-d14	20.03	244	1717346	70.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	70576	28.40	ng	95
3) Pyridine	3.91	79	183062	24.88	ng	97
4) n-Nitrosodimethylamine	3.82	42	96794	34.68	ng	98
6) Aniline	7.36	93	215103	23.06	ng	96
8) 2-Chlorophenol	7.61	128	206005	39.99	ng	98
9) Benzaldehyde	7.17	77	157038	32.61	ng	98
10) Phenol	7.23	94	269540	36.31	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	198697	33.54	ng	97
12) 1,3-Dichlorobenzene	7.93	146	218740	34.47	ng	97
13) 1,4-Dichlorobenzene	8.08	146	218146	34.77	ng	94
14) 1,2-Dichlorobenzene	8.40	146	209896	35.28	ng	98
15) Benzyl Alcohol	8.28	79	207735	34.53	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	283683	27.14	ng	97
17) 2-Methylphenol	8.48	107	183873	36.57	ng	97
18) Hexachloroethane	9.14	117	83709	33.89	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	163325	30.85	ng	94
20) 3+4-Methylphenols	8.81	107	250960	36.21	ng	98
22) Acetophenone	8.86	105	302430	34.54	ng	99
24) Nitrobenzene	9.24	77	250029	34.22	ng	98
25) Isophorone	9.77	82	452850	32.95	ng	98
26) 2-Nitrophenol	9.95	139	109961	43.88	ng	98
27) 2,4-Dimethylphenol	10.02	122	185244	41.38	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	258322	31.49	ng	99
29) 2,4-Dichlorophenol	10.49	162	200393	38.33	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	219202	35.06	ng	96
31) Naphthalene	10.90	128	597435	34.90	ng	99
32) Benzoic acid	10.15	122	108444	34.50	ng	97
33) 4-Chloroaniline	11.00	127	127347	16.51	ng	99
34) Hexachlorobutadiene	11.20	225	147718	35.93	ng	97
35) Caprolactam	11.76	113	39642	20.03	ng	92
36) 4-Chloro-3-methylphenol	12.12	107	227663	36.51	ng	99
37) 2-Methylnaphthalene	12.50	142	442232	34.53	ng	99
38) 1-Methylnaphthalene	12.72	142	418786	34.78	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	235730	34.01	ng	99

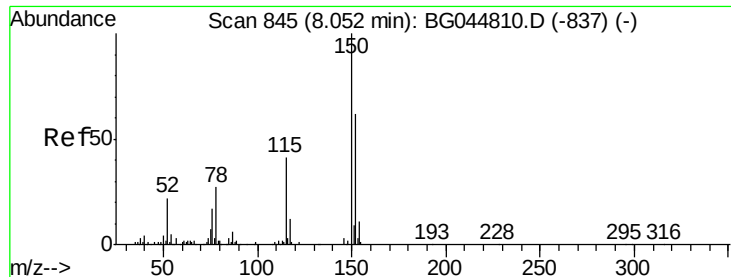
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031920\
 Data File : BG044901.D
 Acq On : 19 Mar 2020 17:36
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	334858	88.40	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	175693	38.20	ng	95
44) 2,4,5-Trichlorophenol	13.18	196	185936	38.98	ng	92
46) 1,1'-Biphenyl	13.51	154	551721	32.80	ng	96
47) 2-Chloronaphthalene	13.55	162	424271	33.02	ng	97
48) 2-Nitroaniline	13.74	65	157033	34.91	ng	96
49) Acenaphthylene	14.39	152	715681	35.56	ng	99
50) Dimethylphthalate	14.12	163	575613	34.34	ng	98
51) 2,6-Dinitrotoluene	14.24	165	130965	38.76	ng	97
52) Acenaphthene	14.74	154	505401	38.34	ng	98
53) 3-Nitroaniline	14.57	138	82123	21.14	ng	94
54) 2,4-Dinitrophenol	14.77	184	135029	76.85	ng	90
55) Dibenzofuran	15.08	168	678940	35.52	ng	99
56) 4-Nitrophenol	14.88	139	226432	76.38	ng	96
57) 2,4-Dinitrotoluene	15.02	165	187692	40.50	ng	96
58) Fluorene	15.72	166	548598	34.89	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	177078	40.32	ng	95
60) Diethylphthalate	15.49	149	597190	34.16	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	301931	35.66	ng	97
62) 4-Nitroaniline	15.73	138	136523	32.96	ng	96
63) Azobenzene	16.01	77	589814	32.49	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	103690	46.15	ng	96
66) n-Nitrosodiphenylamine	15.93	169	501340	34.61	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	208357	34.64	ng	97
68) Hexachlorobenzene	16.73	284	231138	35.42	ng	98
69) Atrazine	16.87	200	203166	38.28	ng	98
70) Pentachlorophenol	17.07	266	280760	78.20	ng	100
71) Phenanthrene	17.46	178	916243	35.64	ng	98
72) Anthracene	17.56	178	934075	36.85	ng	100
73) Carbazole	17.81	167	886825	36.42	ng	99
74) Di-n-butylphthalate	18.38	149	1054330	35.62	ng	100
75) Fluoranthene	19.47	202	1176843	38.45	ng	100
77) Benzidine	19.64	184	450582	30.44	ng	99
78) Pyrene	19.83	202	1175062	35.12	ng	99
80) Butylbenzylphthalate	20.72	149	503513	33.83	ng	99
81) Benzo(a)anthracene	21.67	228	1171837	35.69	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	258580	20.35	ng	97
83) Chrysene	21.73	228	1083913	34.56	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	693707	33.77	ng	98
85) Di-n-octyl phthalate	22.80	149	1195119	34.77	ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1461037	35.53	ng	# 94
88) Benzo(b)fluoranthene	23.88	252	1245966	35.39	ng	99
89) Benzo(k)fluoranthene	23.95	252	1174728	35.26	ng	98
90) Benzo(a)pyrene	24.74	252	1131344	34.34	ng	97
91) Dibenzo(a,h)anthracene	28.60	278	1180686	36.33	ng	96
92) Benzo(g,h,i)perylene	29.67	276	1203368	36.65	ng	96

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

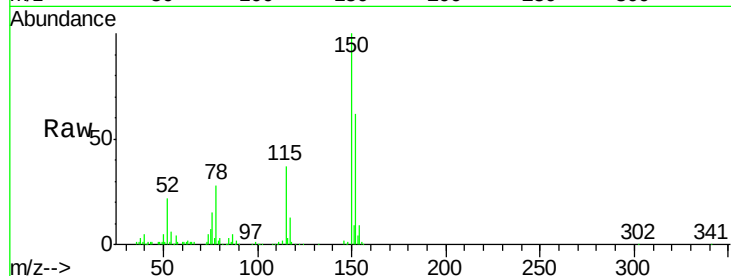


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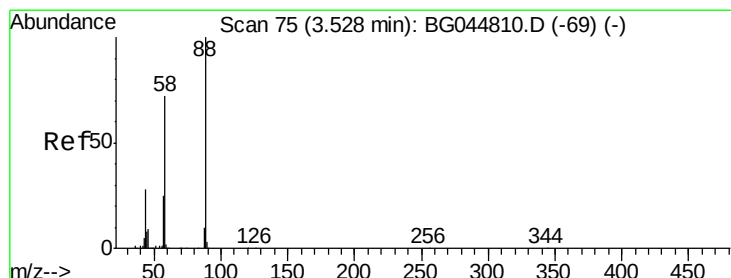
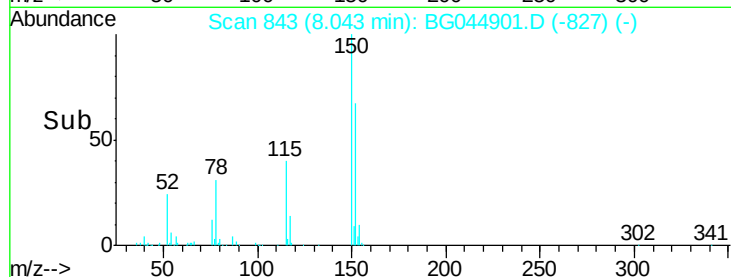
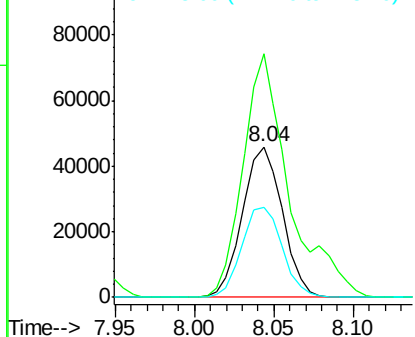
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB127682BS

Tgt Ion:152 Resp: 80331
Ion Ratio Lower Upper
152 100
150 162.0 128.8 193.2
115 59.8 52.6 79.0



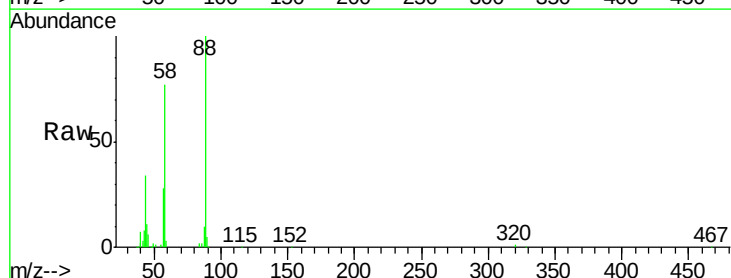
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



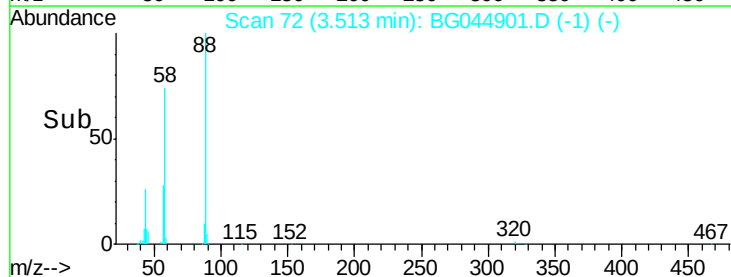
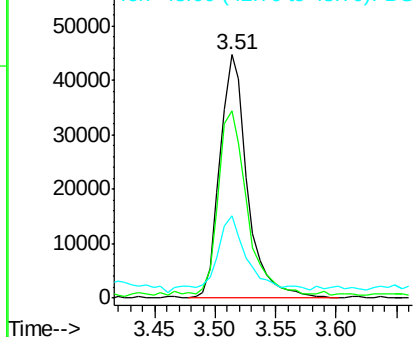
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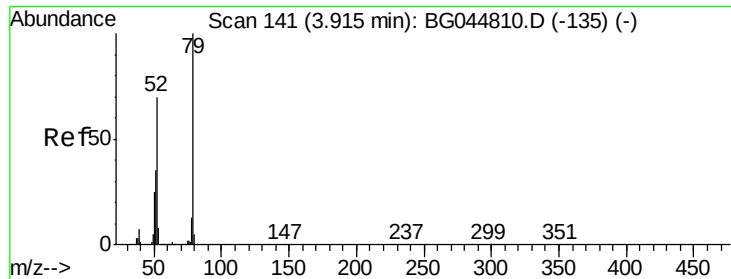
1,4-Dioxane
Concen: 28.40 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion: 88 Resp: 70576
Ion Ratio Lower Upper
88 100
58 76.6 63.0 94.4
43 36.8 24.8 37.2



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: 24.88 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

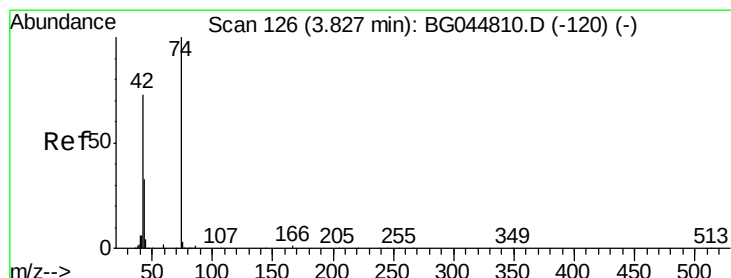
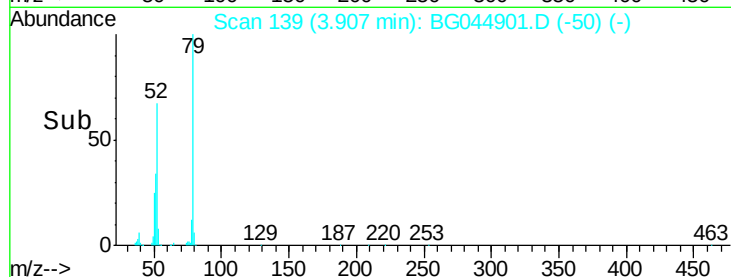
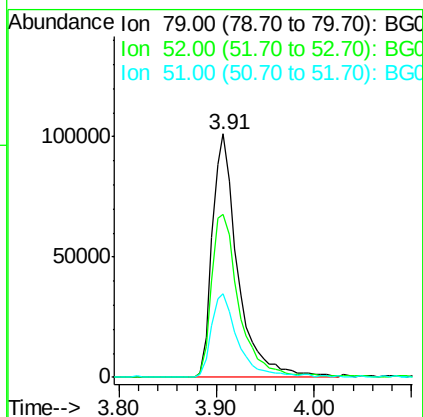
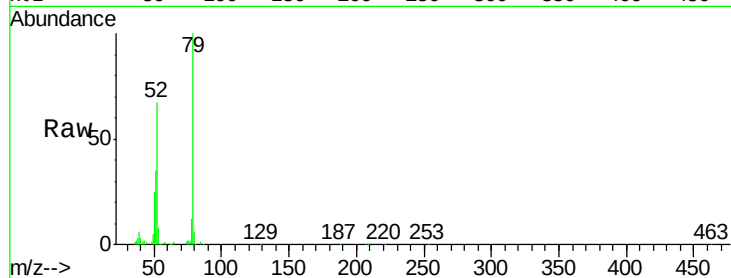
Tgt Ion: 79 Resp: 183062

Ion Ratio Lower Upper

79 100

52 66.9 56.3 84.5

51 34.5 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 34.68 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

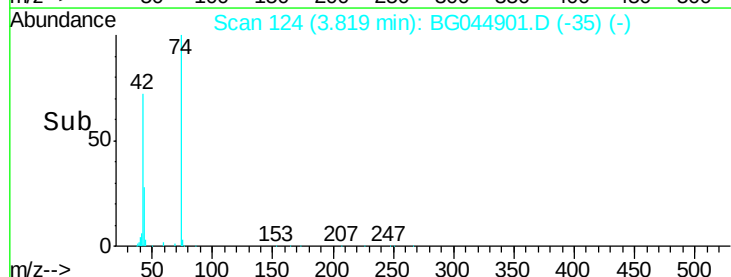
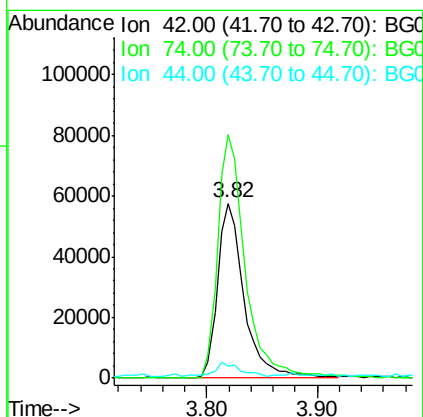
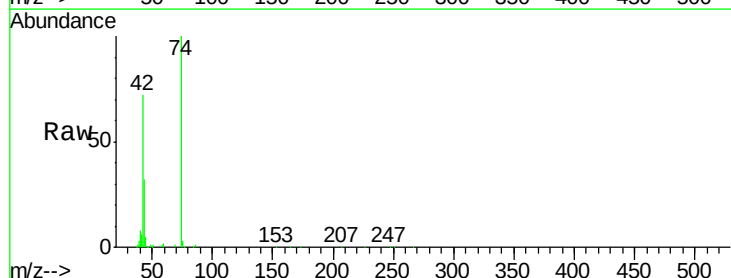
Tgt Ion: 42 Resp: 96794

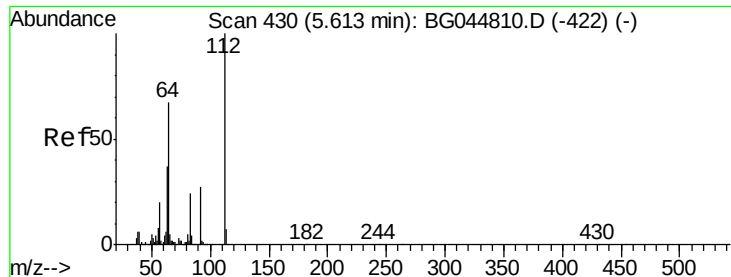
Ion Ratio Lower Upper

42 100

74 139.2 109.1 163.7

44 6.8 5.4 8.2





#5

2-Fluorophenol

Concen: 106.00 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

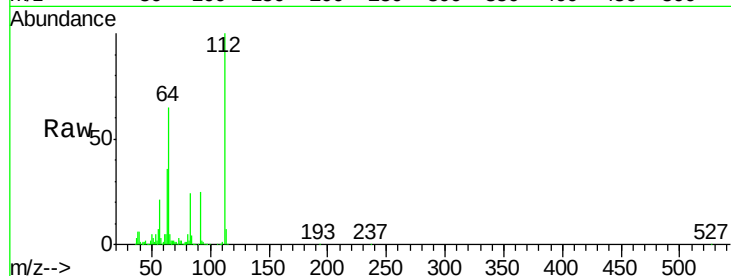
Tgt Ion: 112 Resp: 546976

Ion Ratio Lower Upper

112 100

64 65.4 53.4 80.2

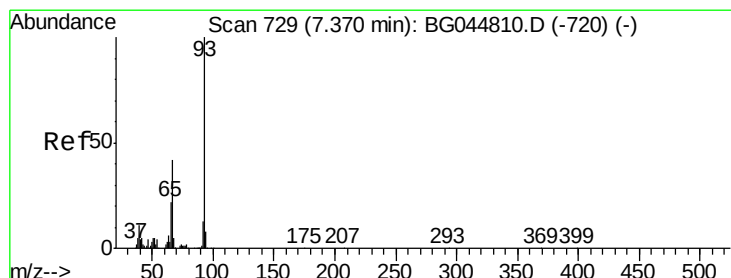
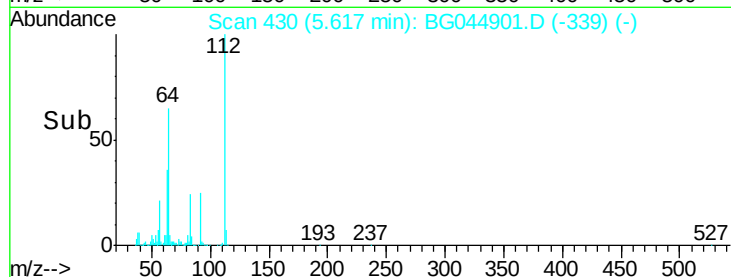
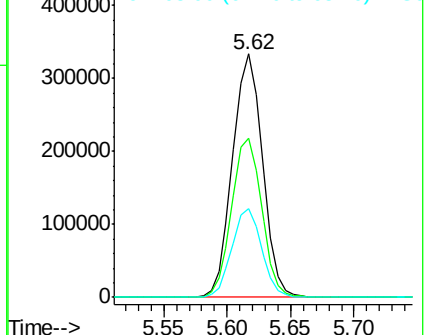
63 36.5 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.06 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

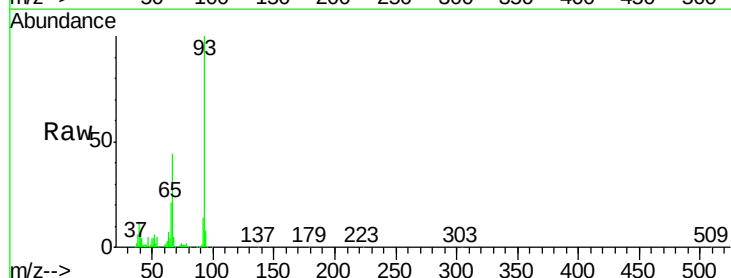
Tgt Ion: 93 Resp: 215103

Ion Ratio Lower Upper

93 100

66 44.5 33.7 50.5

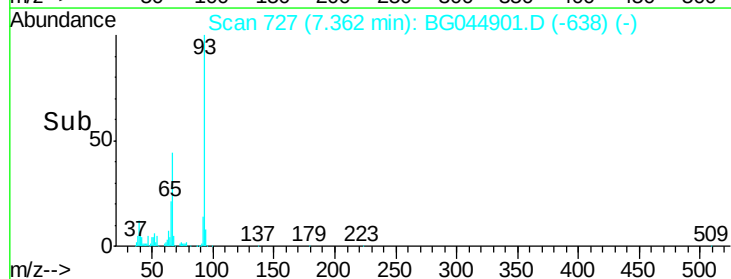
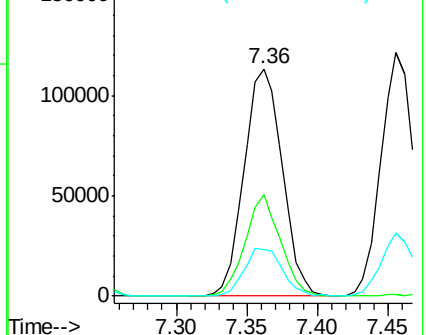
65 20.6 17.7 26.5

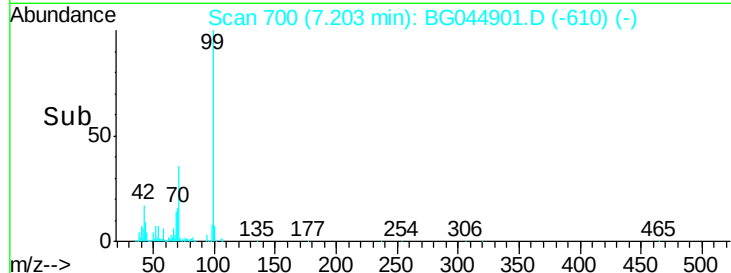
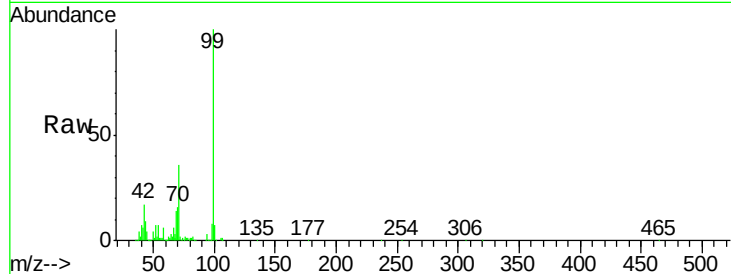
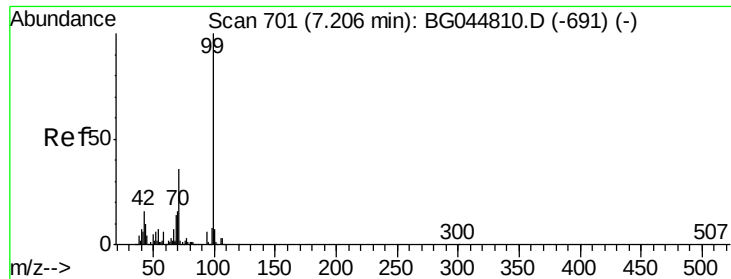


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.25 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

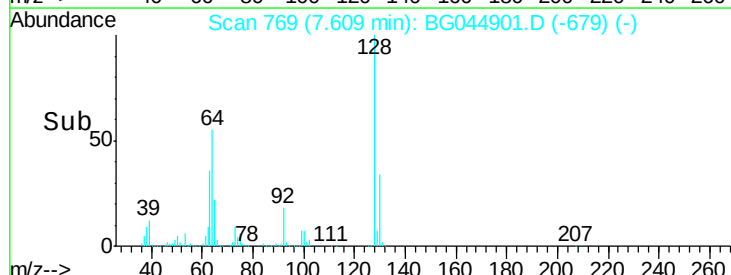
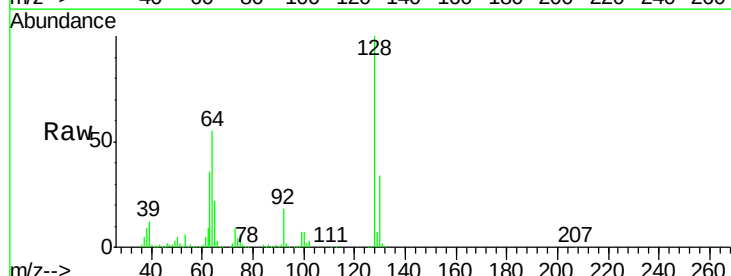
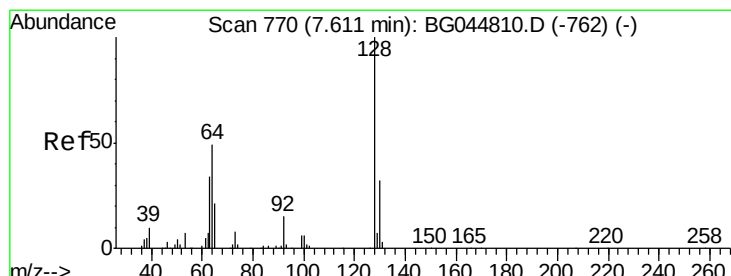
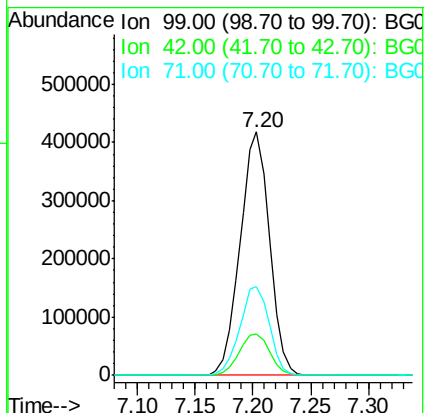
Tgt Ion: 99 Resp: 736677

Ion Ratio Lower Upper

99 100

42 17.1 12.6 19.0

71 36.4 29.0 43.4



#8

2-Chlorophenol

Concen: 39.99 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

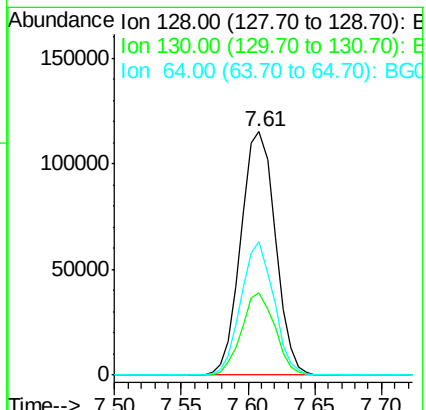
Tgt Ion: 128 Resp: 206005

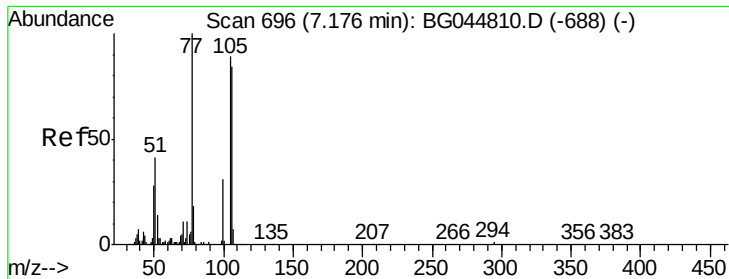
Ion Ratio Lower Upper

128 100

130 33.7 11.6 51.6

64 54.7 34.5 74.5





#9

Benzaldehyde

Concen: 32.61 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

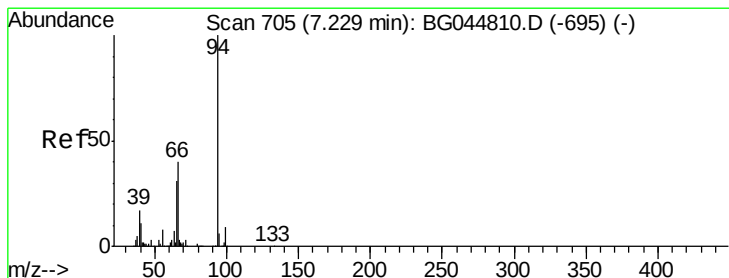
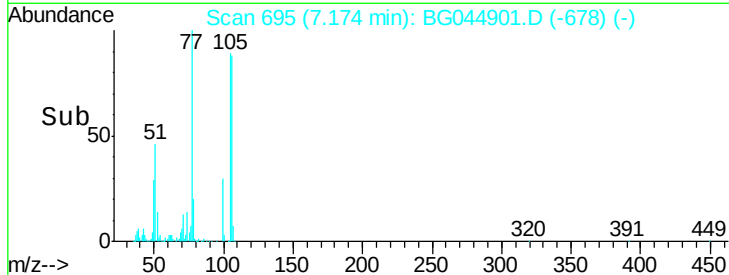
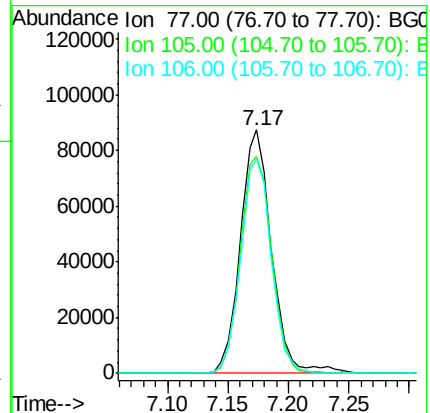
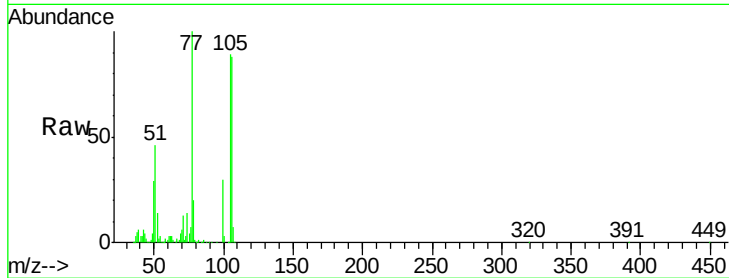
Tgt Ion: 77 Resp: 157038

Ion Ratio Lower Upper

77 100

105 89.1 69.3 109.3

106 88.1 64.5 104.5



#10

Phenol

Concen: 36.31 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

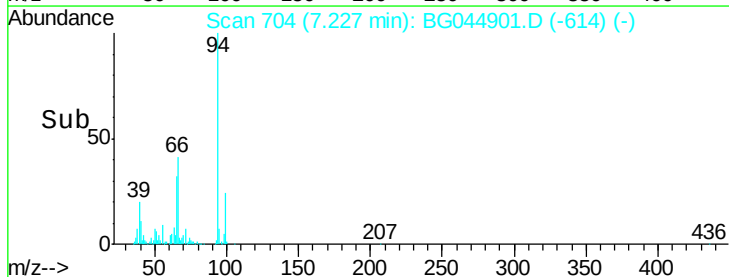
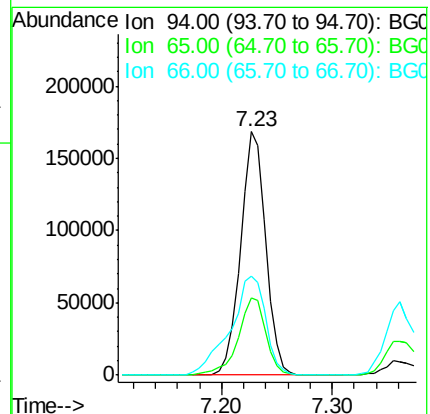
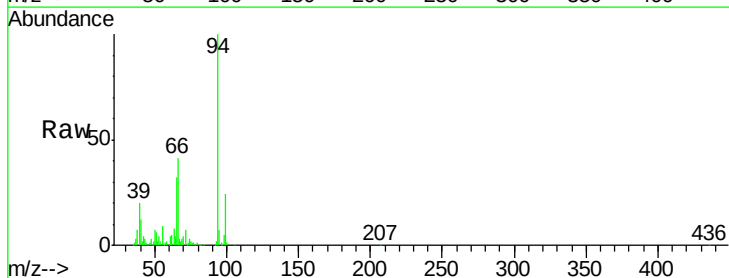
Tgt Ion: 94 Resp: 269540

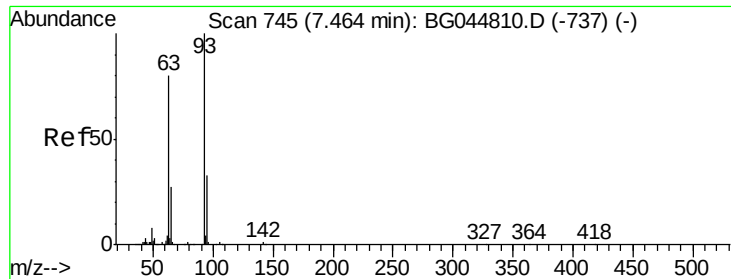
Ion Ratio Lower Upper

94 100

65 31.6 11.0 51.0

66 40.6 20.1 60.1

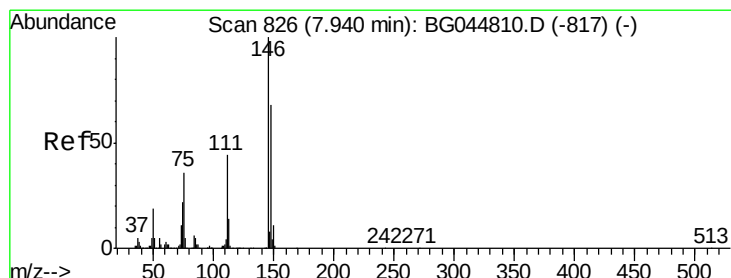
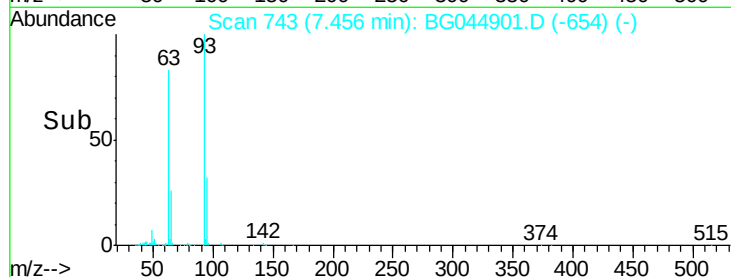
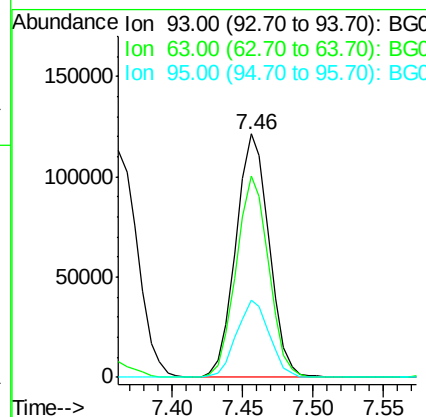
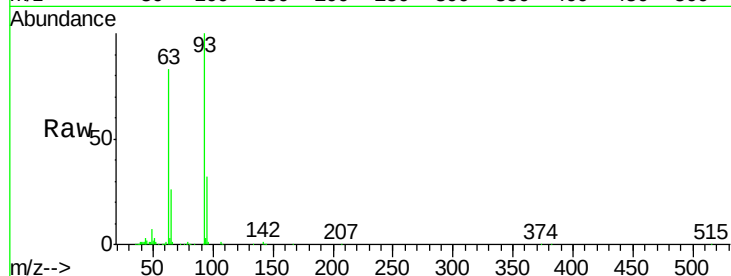




#11
 bis(2-Chloroethyl)ether
 Concen: 33.54 ng
 RT: 7.46 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

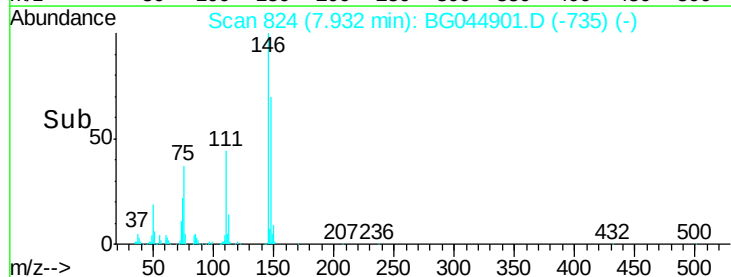
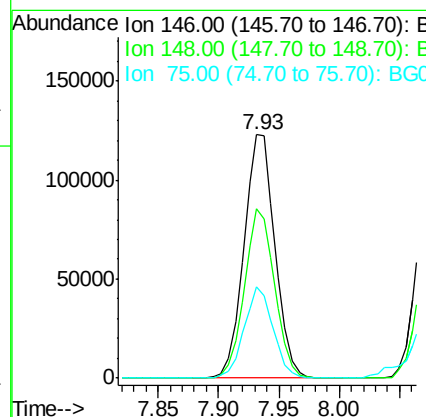
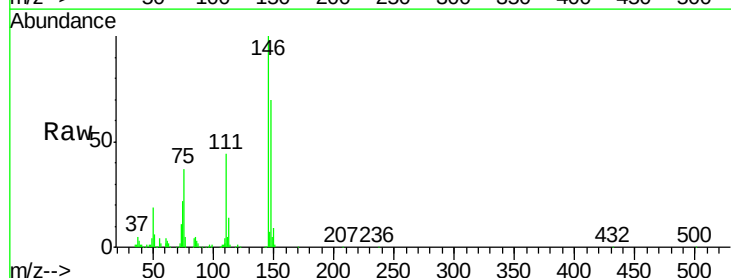
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

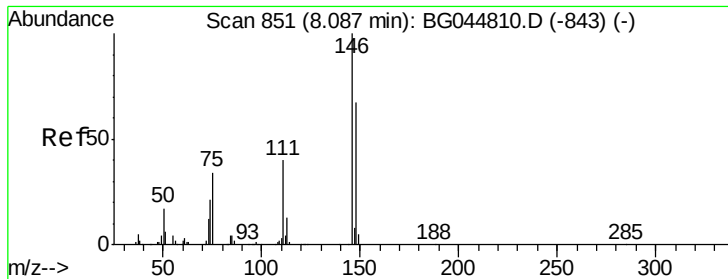
Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.7	59.7	99.7
95	31.9	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 34.47 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.7	54.2	81.4
75	37.4	28.6	42.8

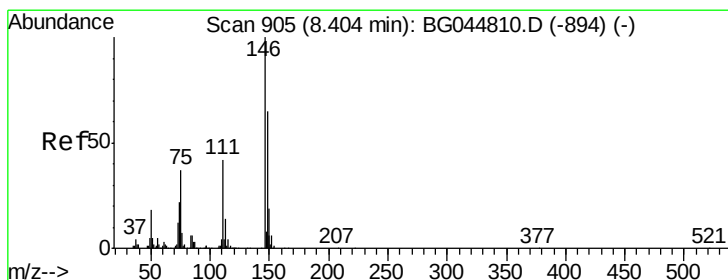
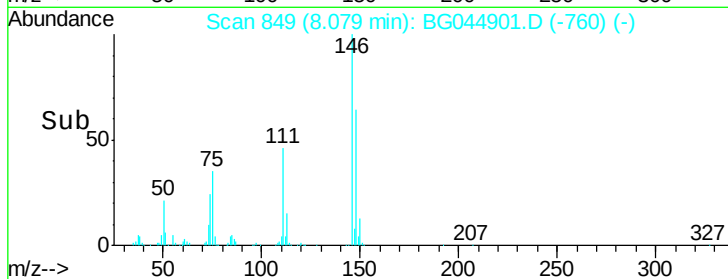
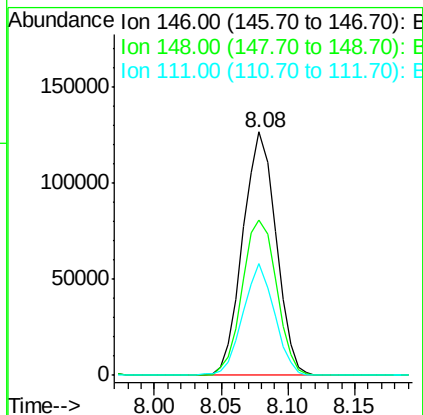
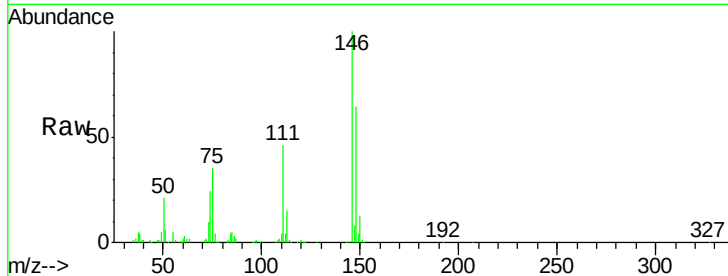




#13
 1,4-Dichlorobenzene
 Concen: 34.77 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

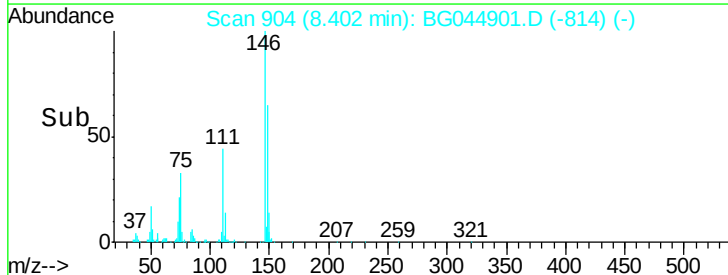
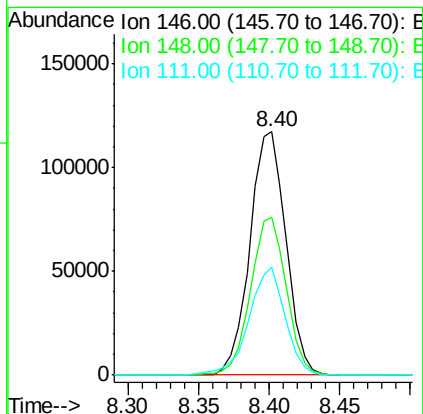
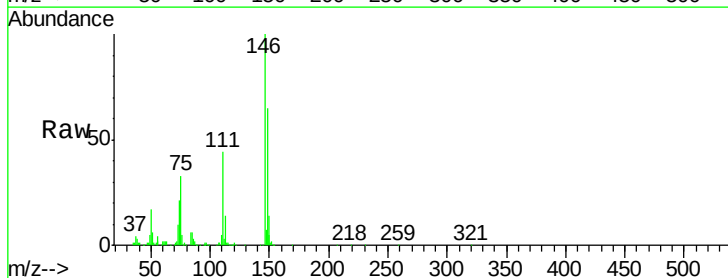
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

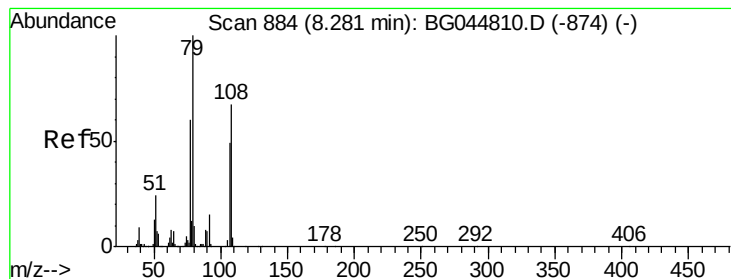
Tgt Ion:146 Resp: 218146
 Ion Ratio Lower Upper
 146 100
 148 64.0 53.8 80.6
 111 45.7 32.0 48.0



#14
 1,2-Dichlorobenzene
 Concen: 35.28 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

Tgt Ion:146 Resp: 209896
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.1 78.1
 111 44.1 33.4 50.2





#15

Benzyl Alcohol

Concen: 34.53 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

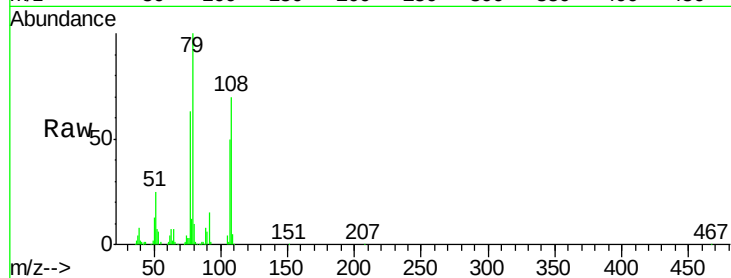
Tgt Ion: 79 Resp: 207735

Ion Ratio Lower Upper

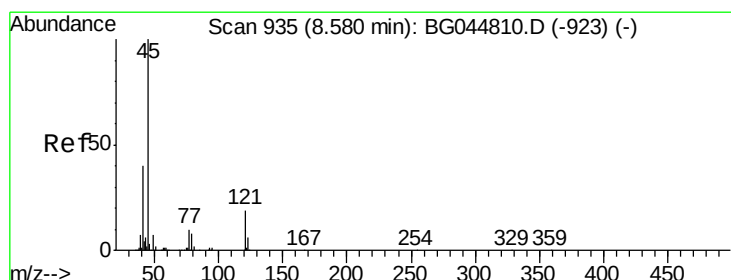
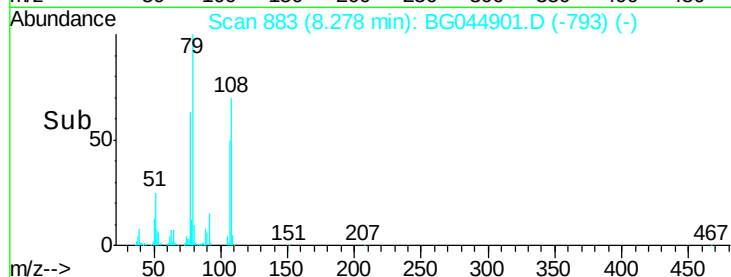
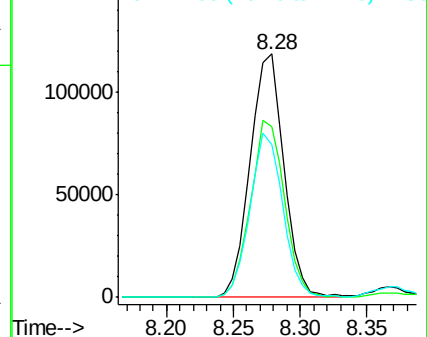
79 100

108 70.0 53.8 80.8

77 62.5 47.8 71.8



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: 27.14 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

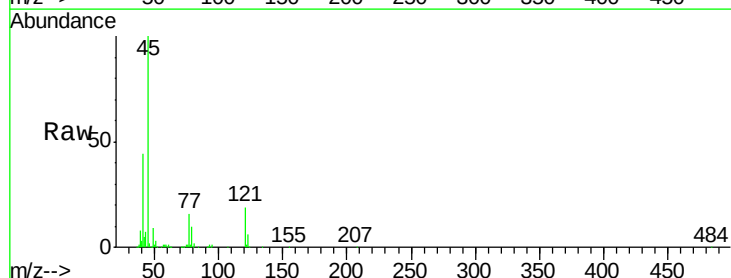
Tgt Ion: 45 Resp: 283683

Ion Ratio Lower Upper

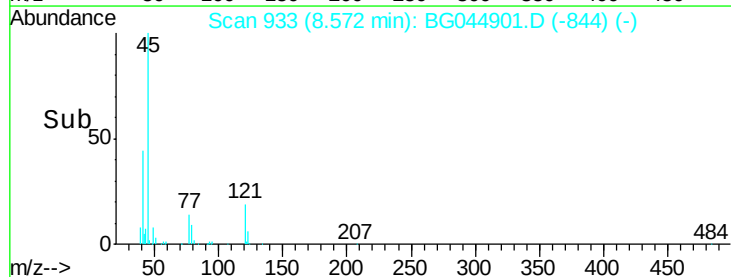
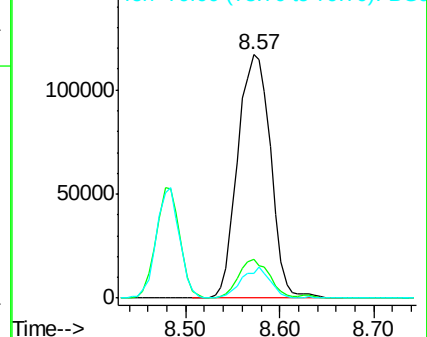
45 100

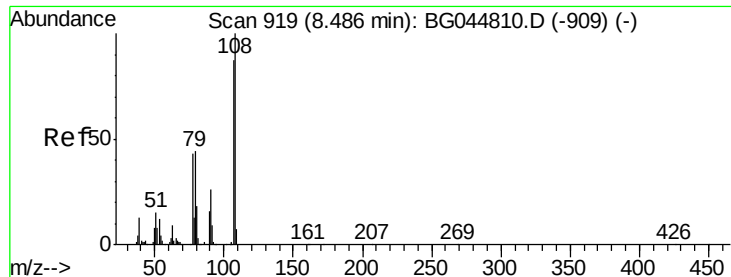
77 15.8 0.0 33.9

79 10.4 0.0 30.8



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: 36.57 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

Tgt Ion:107 Resp: 183873

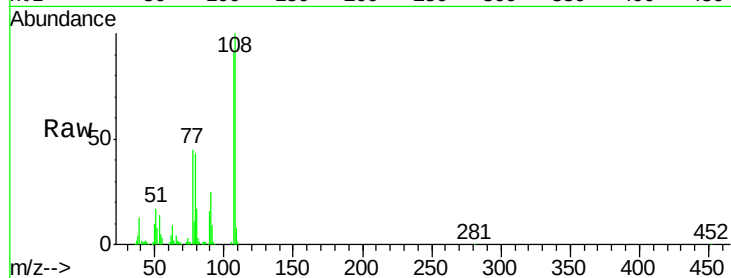
Ion Ratio Lower Upper

107 100

108 110.0 91.8 137.8

77 49.9 40.0 60.0

79 47.7 40.2 60.2

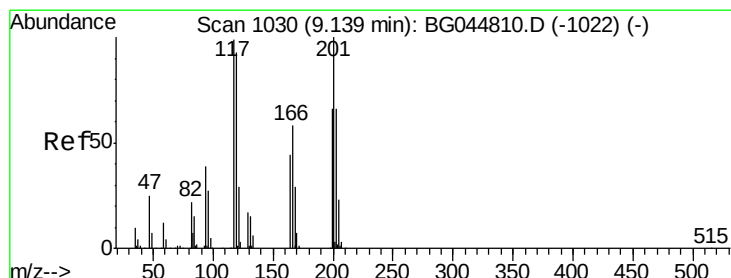
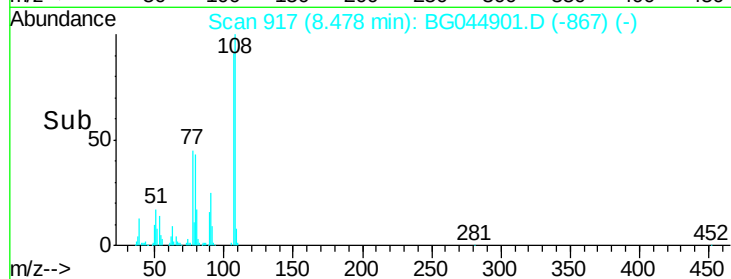
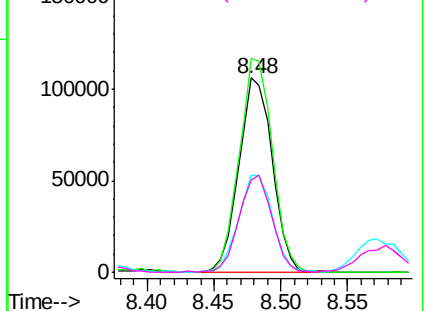


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 33.89 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

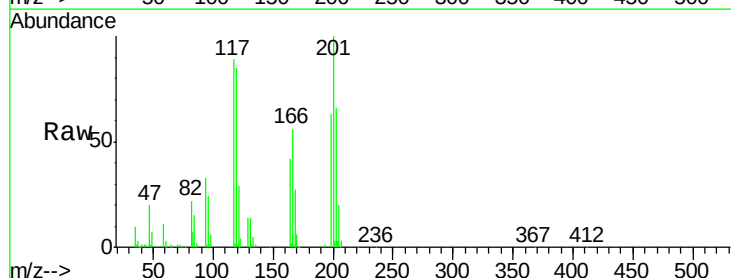
Tgt Ion:117 Resp: 83709

Ion Ratio Lower Upper

117 100

119 94.7 75.2 112.8

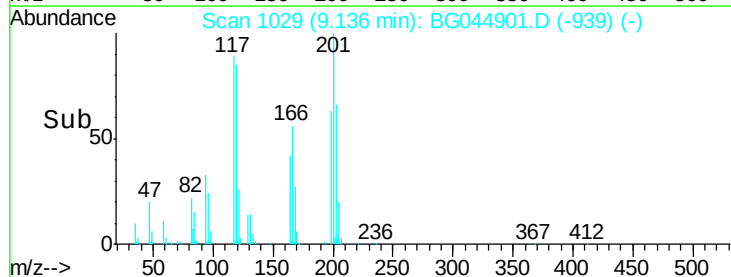
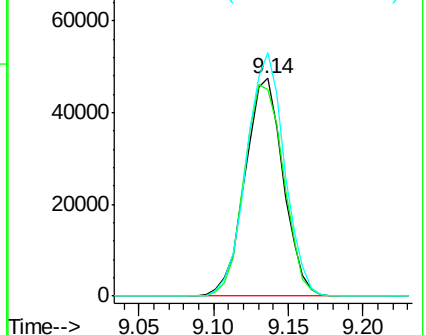
201 111.9 81.1 121.7

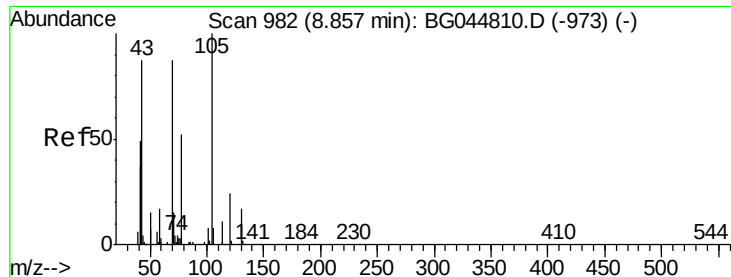


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

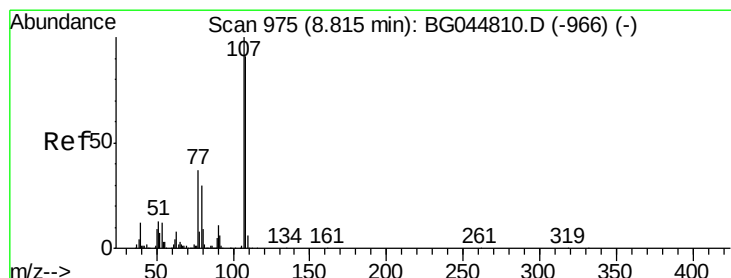
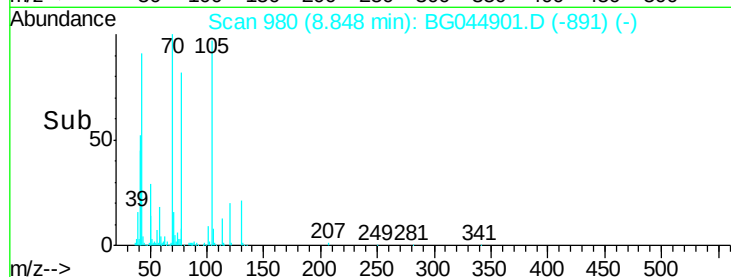
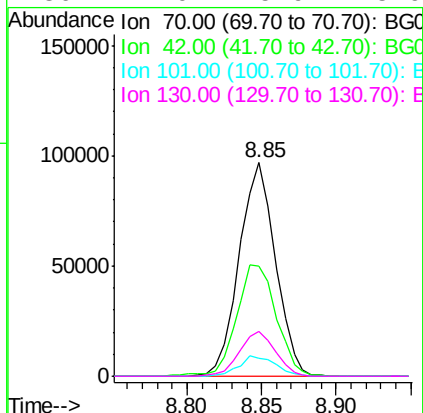
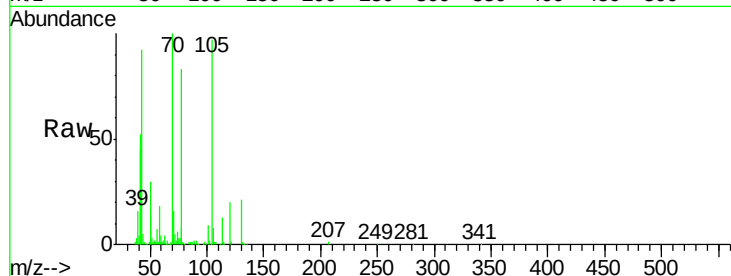




#19
n-Nitroso-di-n-propylamine
Concen: 30.85 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

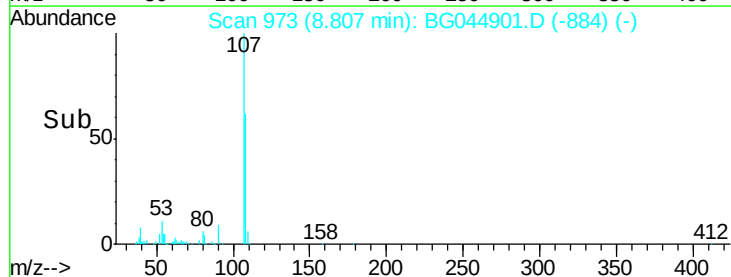
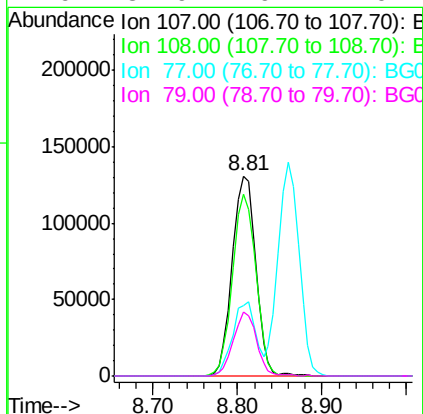
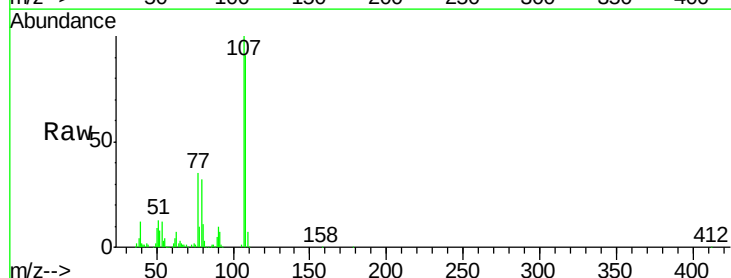
Instrument :
BNA_G
ClientSampleId :
PB127682BS

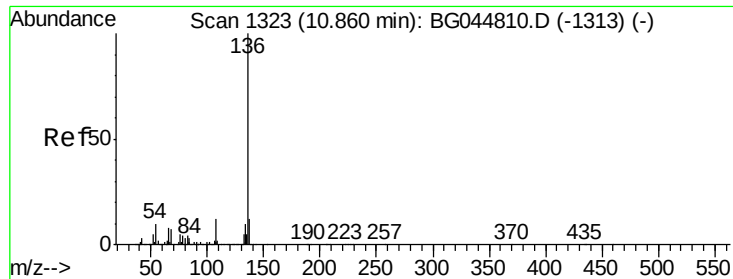
Tgt Ion:	70	Resp:	163325
Ion	Ratio	Lower	Upper
70	100		
42	51.5	45.7	68.5
101	8.6	7.4	11.2
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 36.21 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion:	107	Resp:	250960
Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.3	111.3
77	34.9	16.9	56.9
79	31.9	9.7	49.7

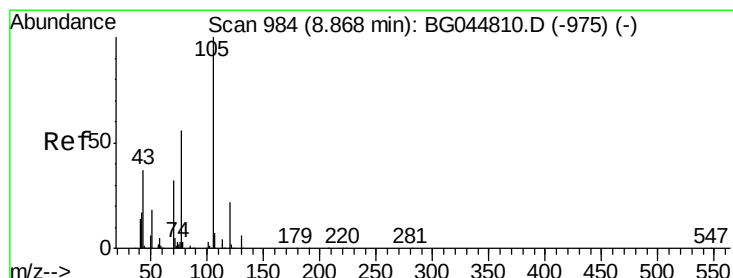
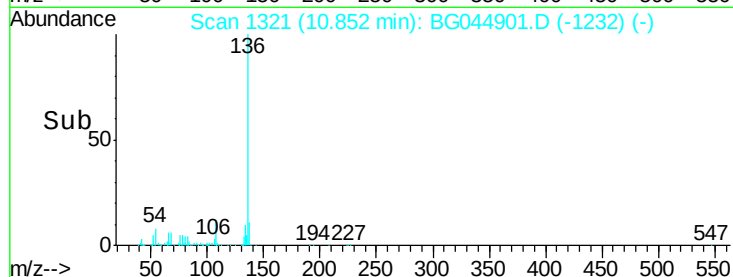
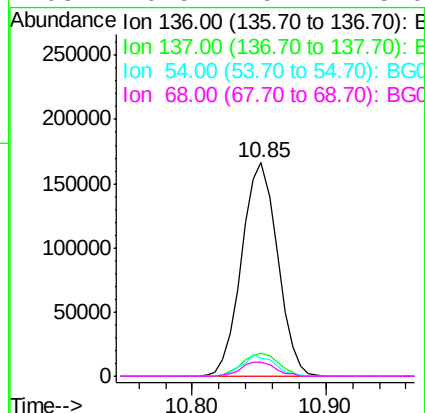
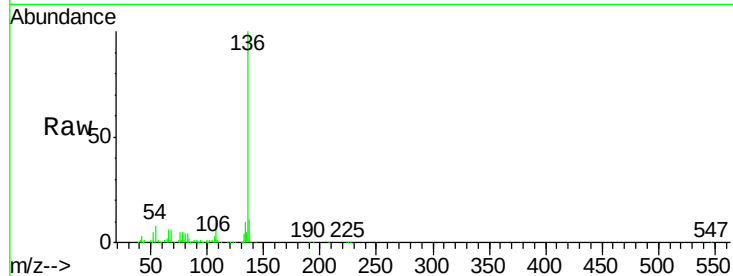




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

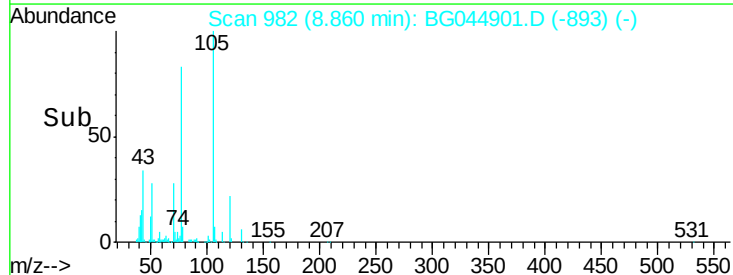
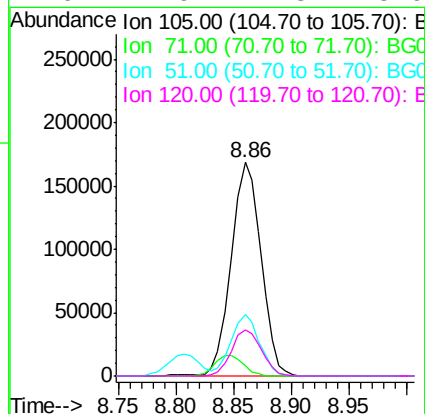
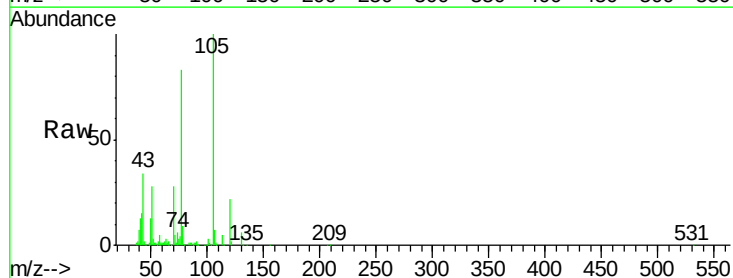
Instrument :
BNA_G
ClientSampleId :
PB127682BS

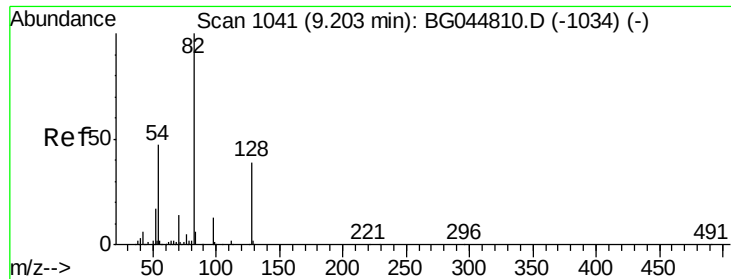
Tgt Ion:	136	Resp:	309041
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	8.4	7.9	11.9
68	6.5	5.4	8.0



#22
Acetophenone
Concen: 34.54 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion:	105	Resp:	302430
Ion	Ratio	Lower	Upper
105	100		
71	4.6	3.9	5.9
51	28.5	22.6	33.8
120	21.9	17.3	25.9

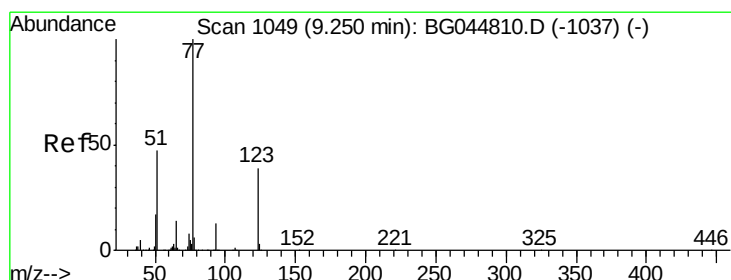
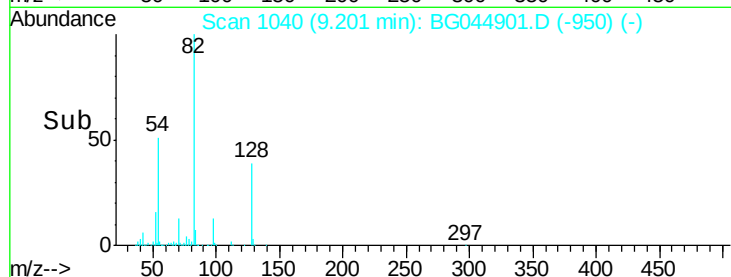
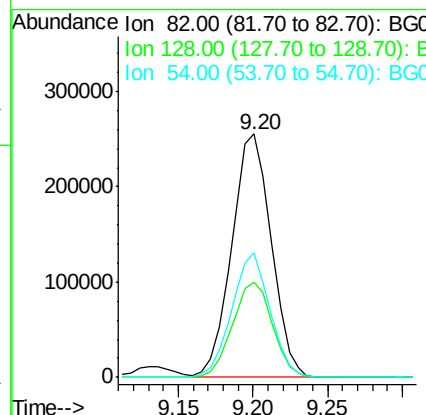
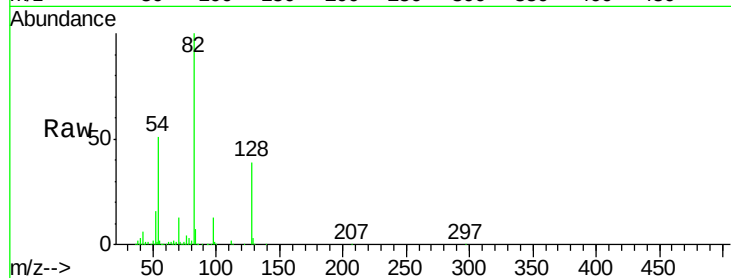




#23
 Nitrobenzene-d5
 Concen: 66.78 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

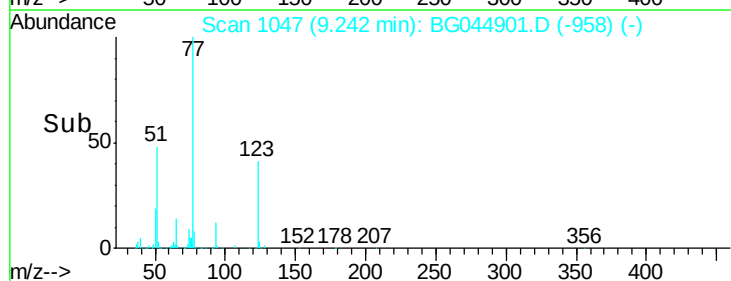
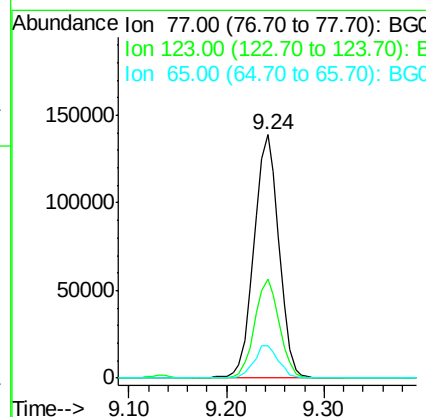
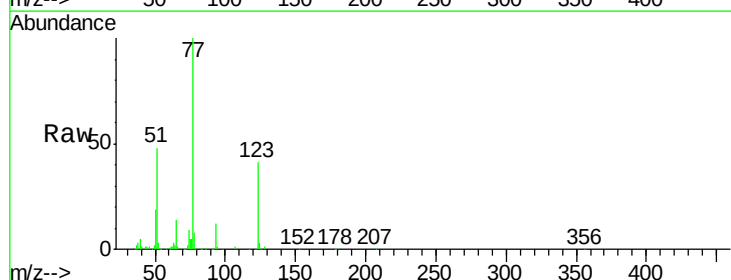
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

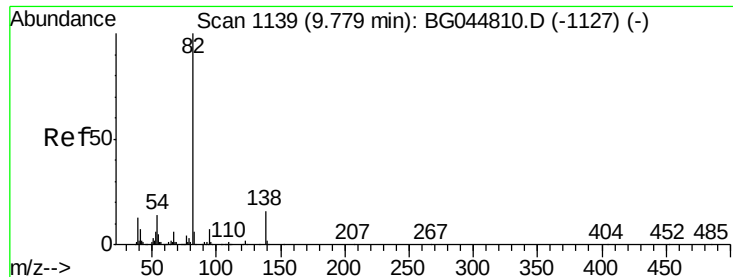
Tgt Ion: 82 Resp: 470341
 Ion Ratio Lower Upper
 82 100
 128 38.9 30.6 46.0
 54 51.0 37.1 55.7



#24
 Nitrobenzene
 Concen: 34.22 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

Tgt Ion: 77 Resp: 250029
 Ion Ratio Lower Upper
 77 100
 123 40.7 31.3 46.9
 65 13.5 11.4 17.0

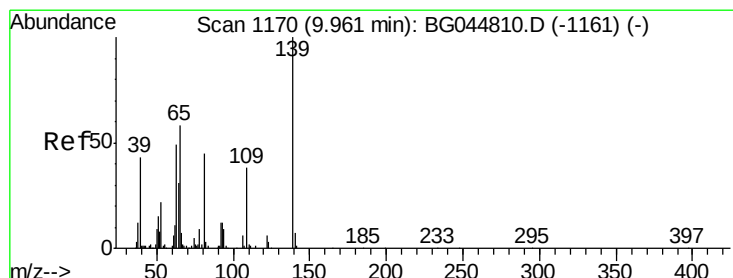
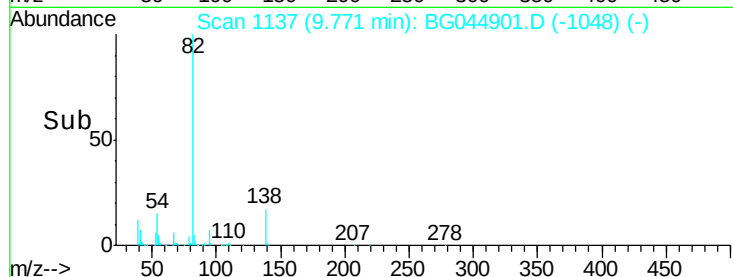
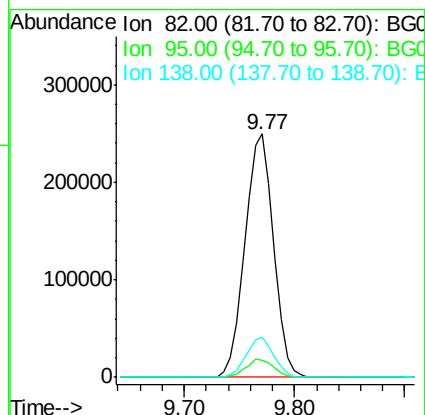
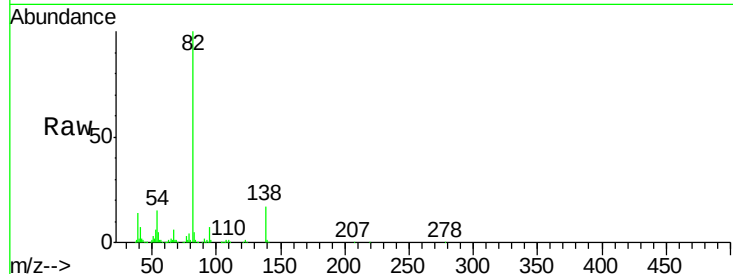




#25
Isophorone
Concen: 32.95 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

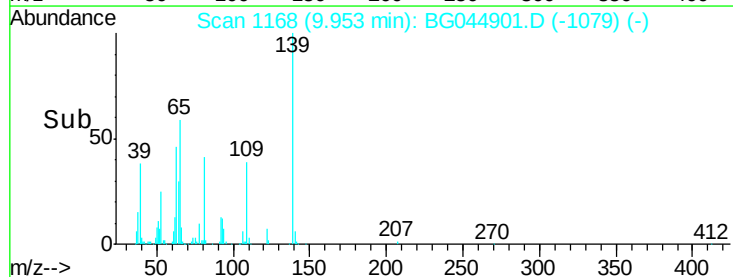
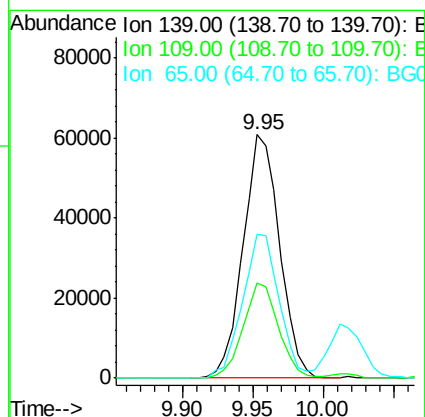
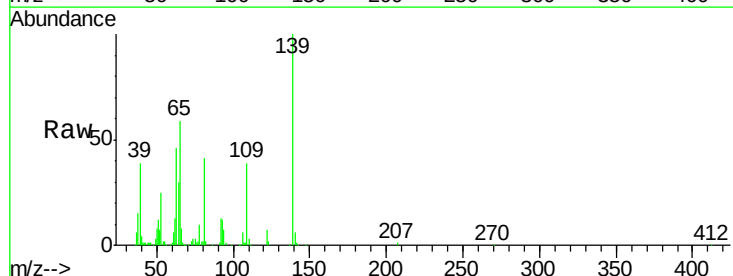
Instrument :
BNA_G
ClientSampleId :
PB127682BS

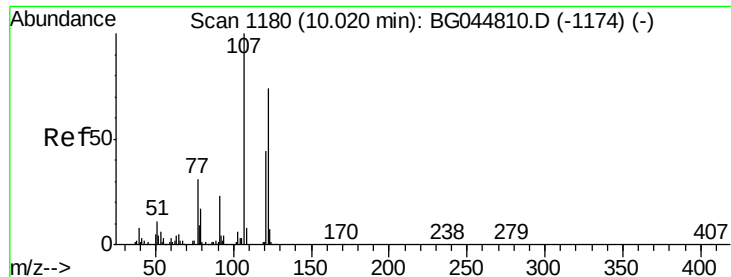
Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	16.7	12.5	18.7



#26
2-Nitrophenol
Concen: 43.88 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.9	30.2	45.4
65	59.3	46.3	69.5

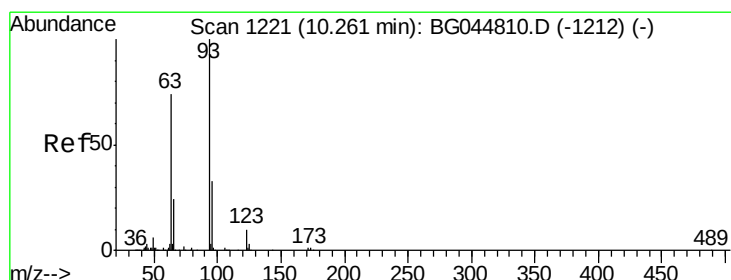
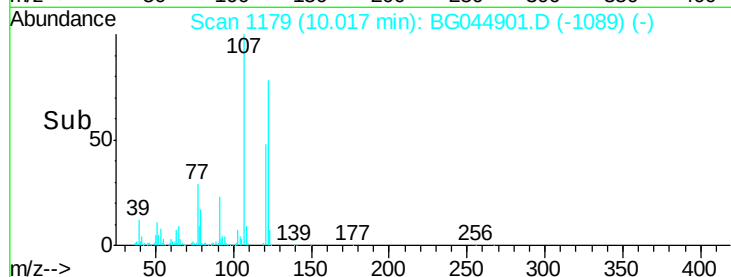
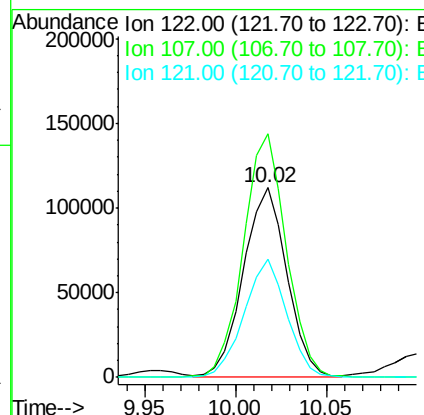
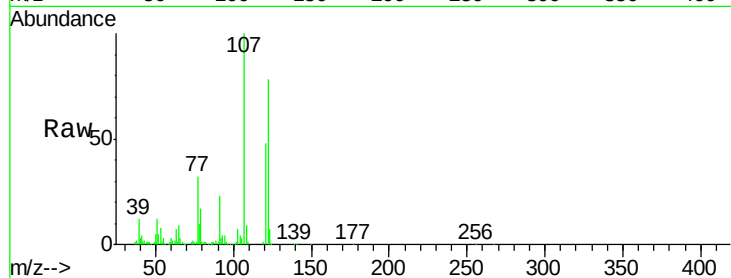




#27
2,4-Dimethylphenol
Concen: 41.38 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

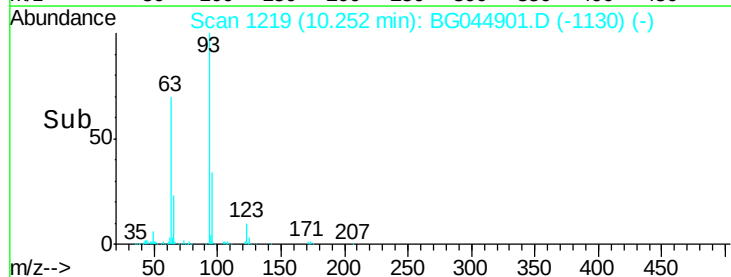
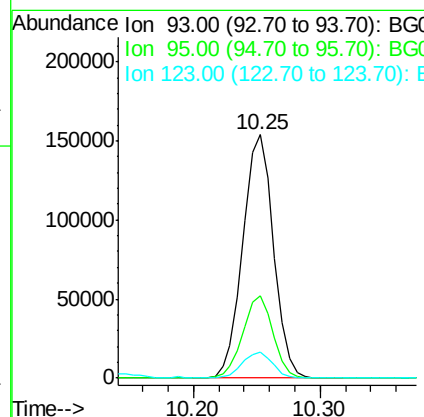
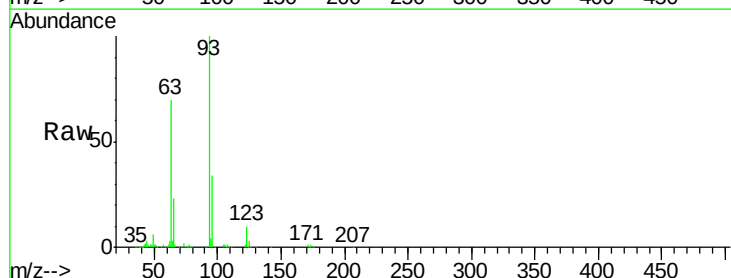
Instrument :
BNA_G
ClientSampleId :
PB127682BS

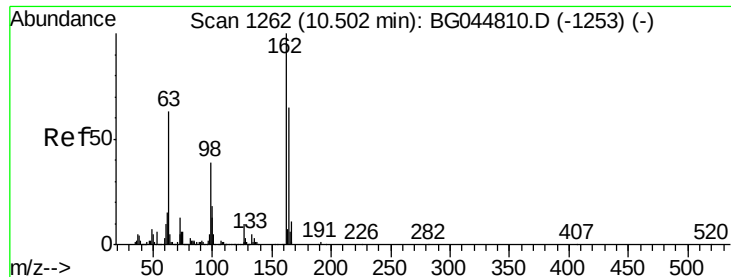
Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.3	107.1	160.7
121	62.0	46.8	70.2



#28
bis(2-Chloroethoxy)methane
Concen: 31.49 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.4	39.6
123	10.4	8.4	12.6

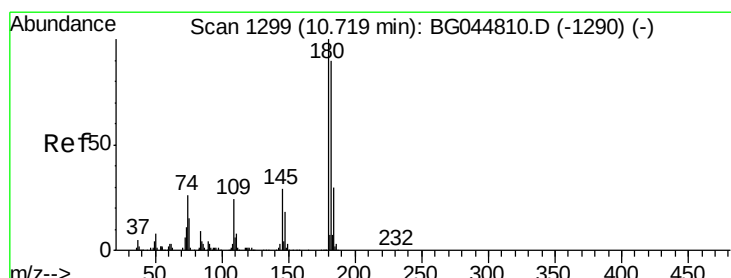
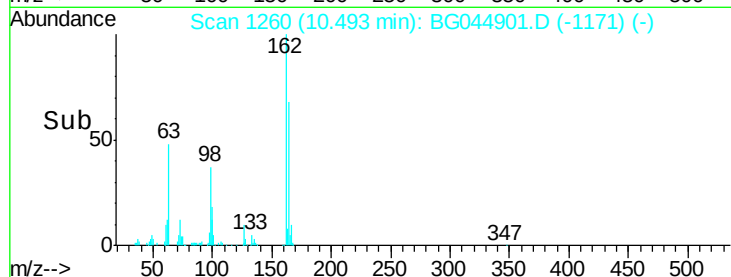
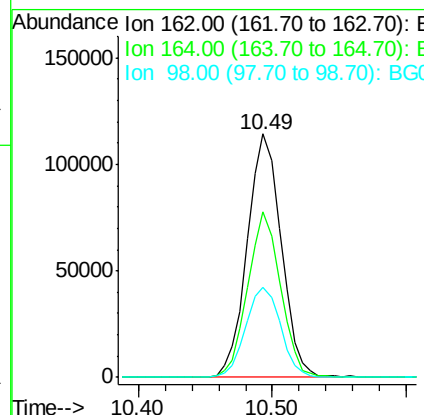
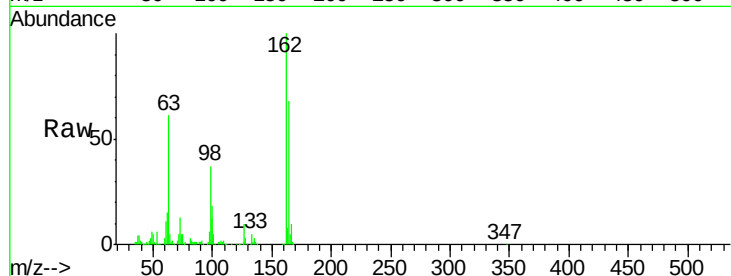




#29
 2,4-Dichlorophenol
 Concen: 38.33 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

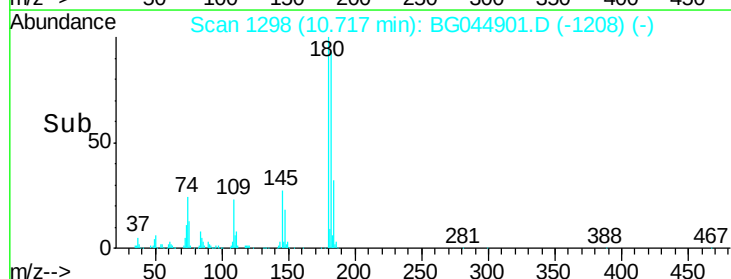
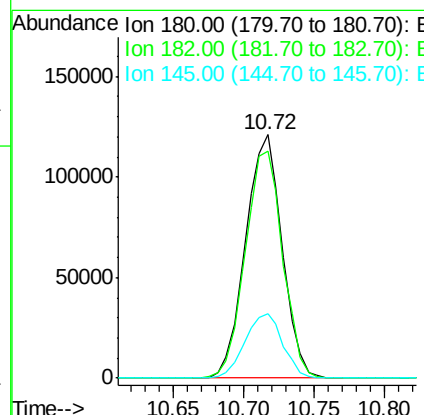
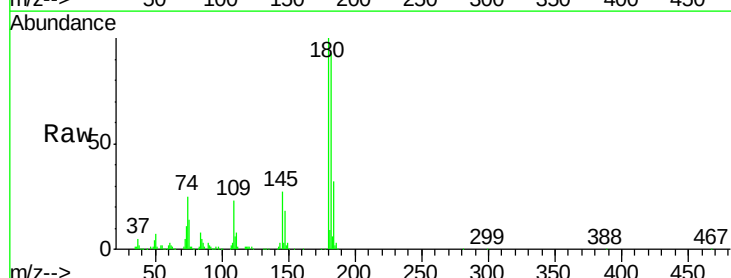
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

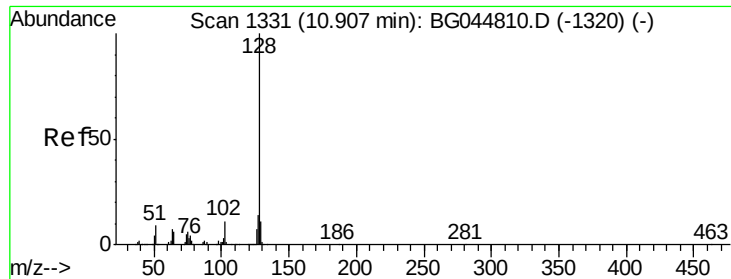
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.1	45.2	85.2
98	37.2	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 35.06 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	71.6	107.4
145	26.7	23.4	35.0

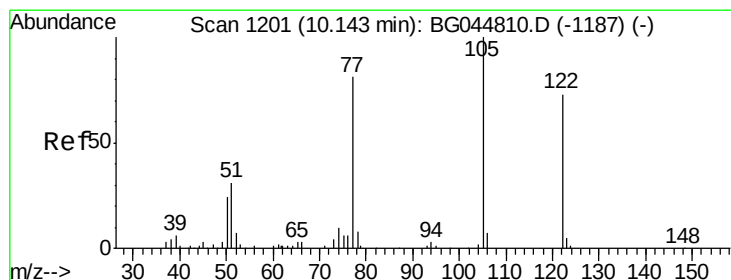
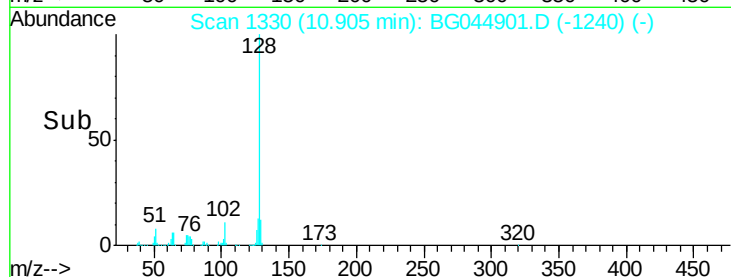
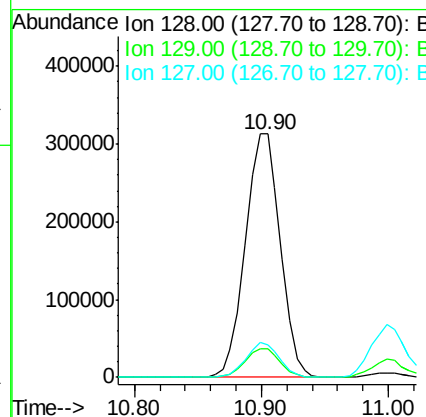
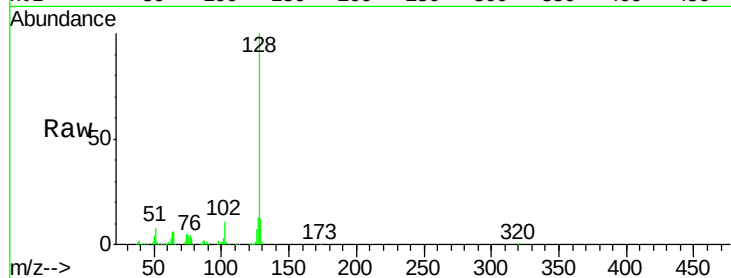




#31
Naphthalene
Concen: 34.90 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

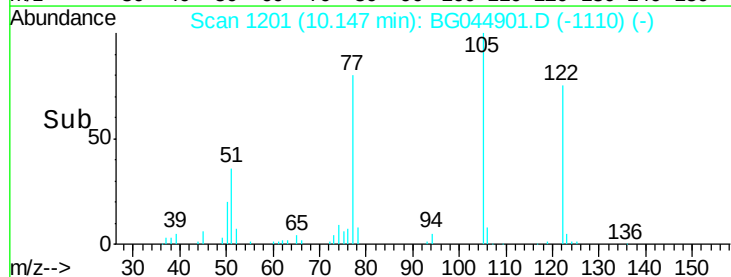
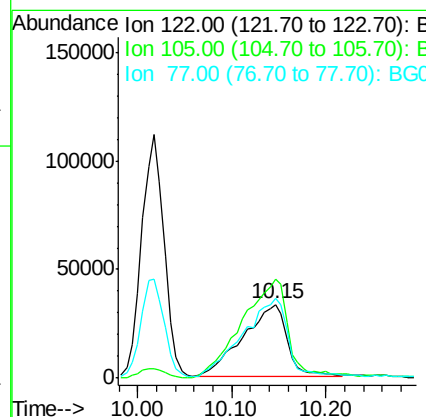
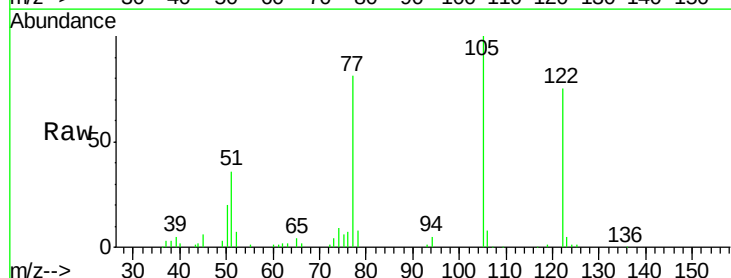
Instrument :
BNA_G
ClientSampleId :
PB127682BS

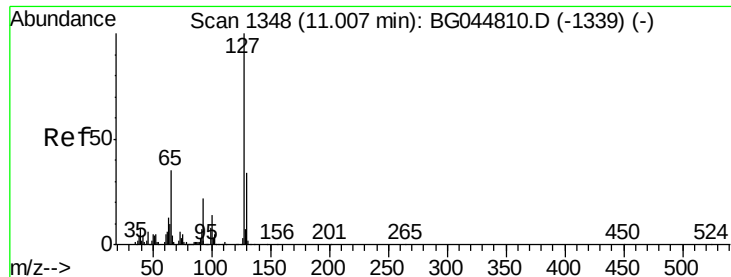
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.2	10.8	16.2



#32
Benzoic acid
Concen: 34.50 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.1	109.1	149.1
77	107.6	85.3	125.3

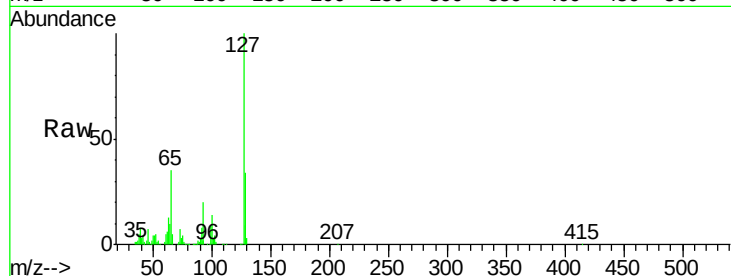




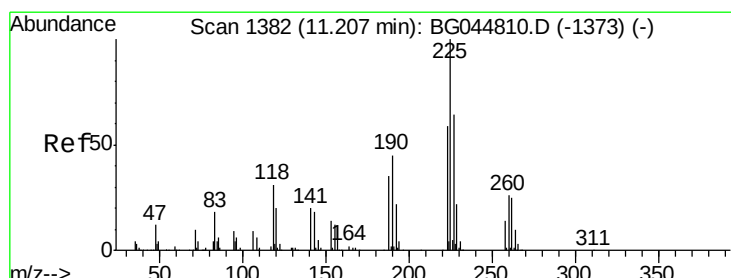
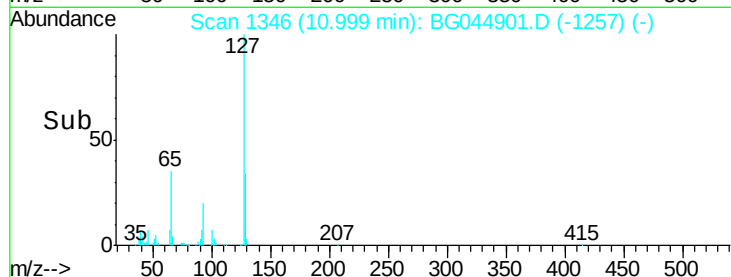
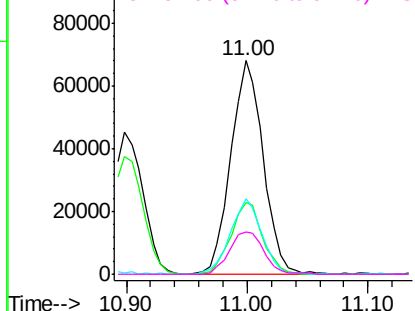
#33
4-Chloroaniline
Concen: 16.51 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB127682BS

Tgt Ion:	127	Resp:	127347
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.9	40.3
65	35.1	27.7	41.5
92	19.8	17.4	26.2

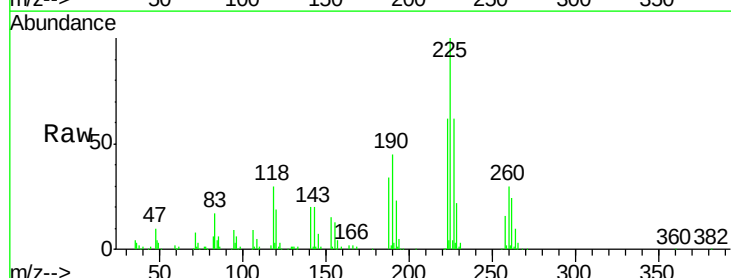


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

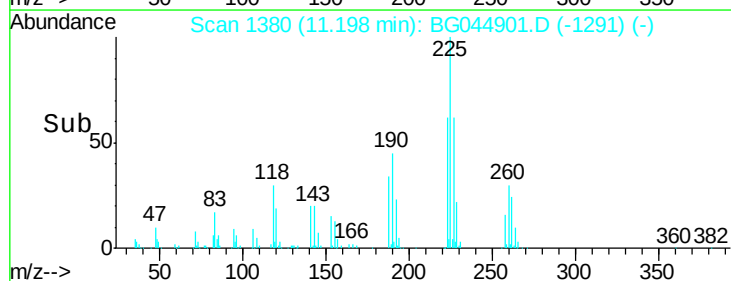
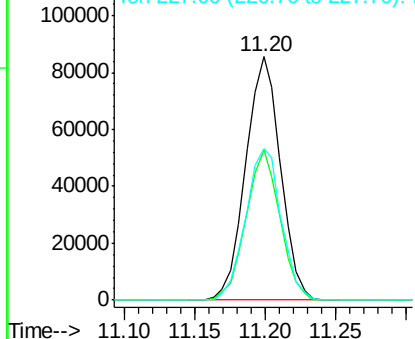


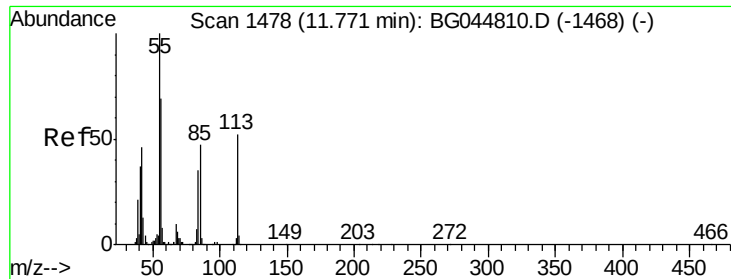
#34
Hexachlorobutadiene
Concen: 35.93 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion:	225	Resp:	147718
Ion	Ratio	Lower	Upper
225	100		
223	61.8	47.4	71.0
227	62.0	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

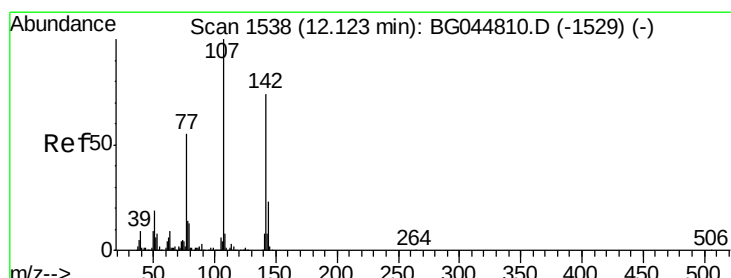
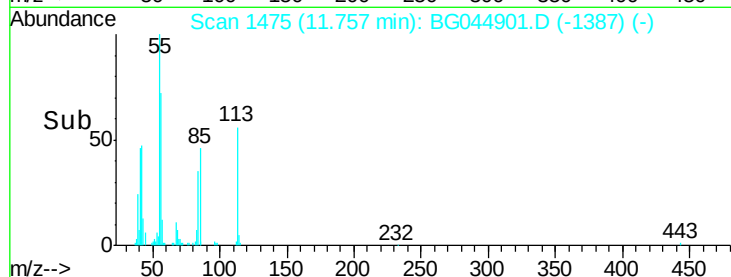
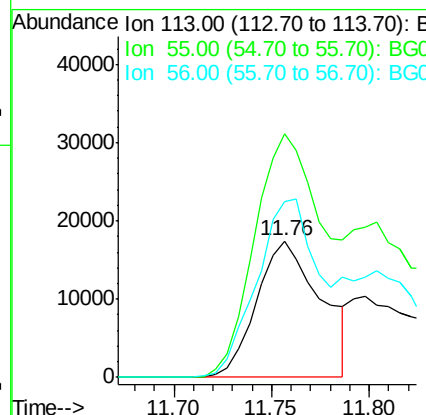
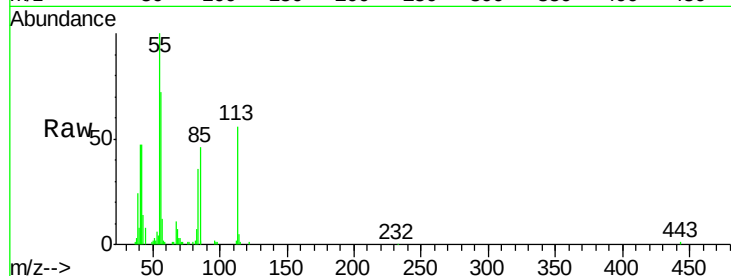




#35
 Caprolactam
 Concen: 20.03 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

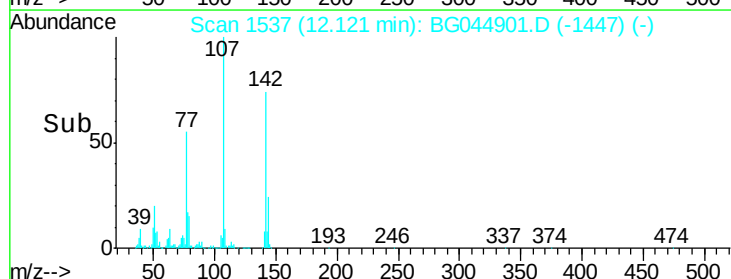
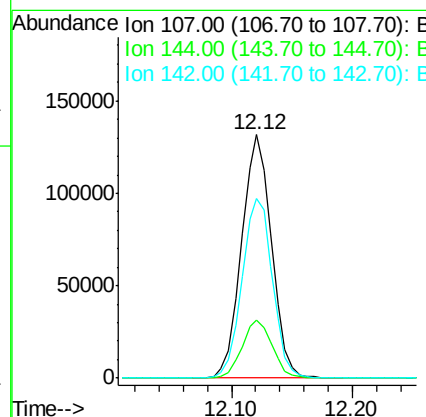
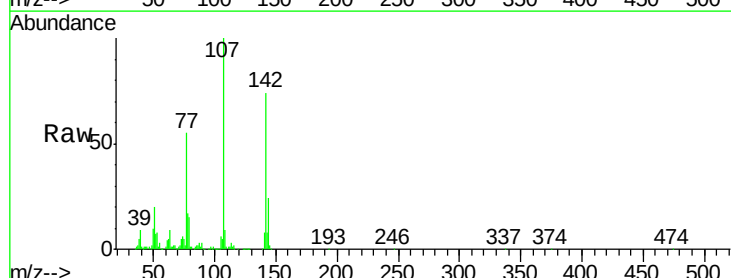
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

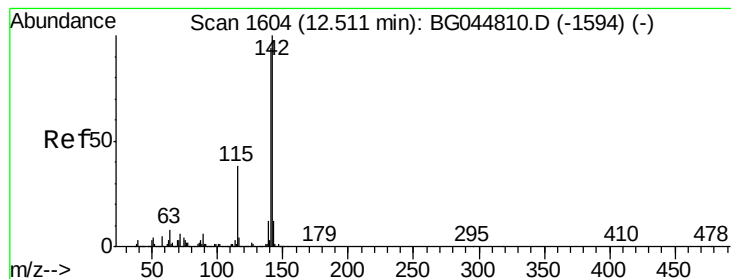
Tgt Ion:113 Resp: 39642
 Ion Ratio Lower Upper
 113 100
 55 178.1 173.8 213.8
 56 128.9 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 36.51 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

Tgt Ion:107 Resp: 227663
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.0 27.0
 142 73.9 59.0 88.4





#37

2-Methylnaphthalene

Concen: 34.53 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

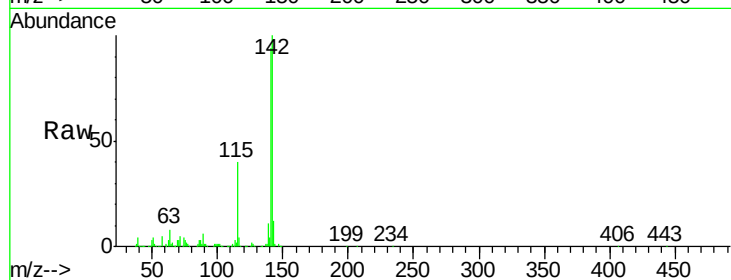
Tgt Ion:142 Resp: 442232

Ion Ratio Lower Upper

142 100

141 93.7 75.1 112.7

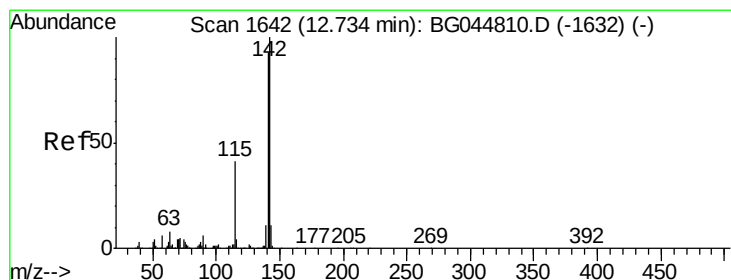
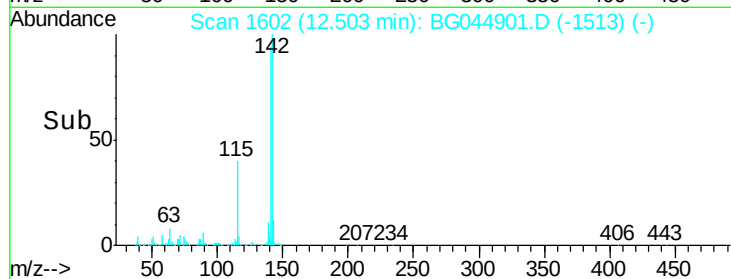
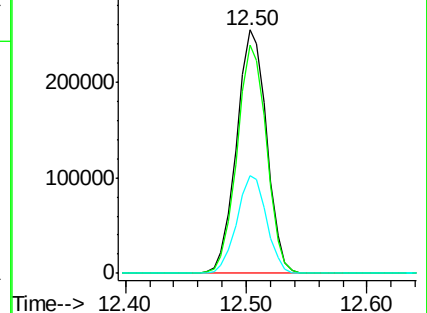
115 40.3 30.6 46.0



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: 34.78 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

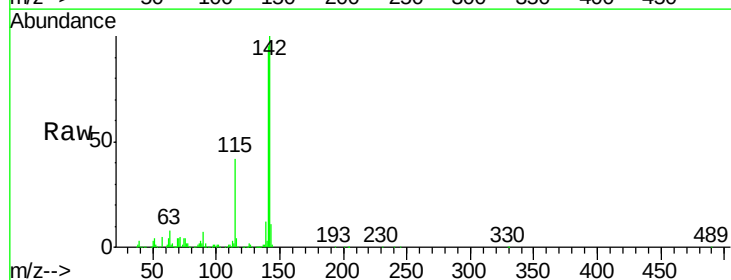
Tgt Ion:142 Resp: 418786

Ion Ratio Lower Upper

142 100

141 95.4 74.7 112.1

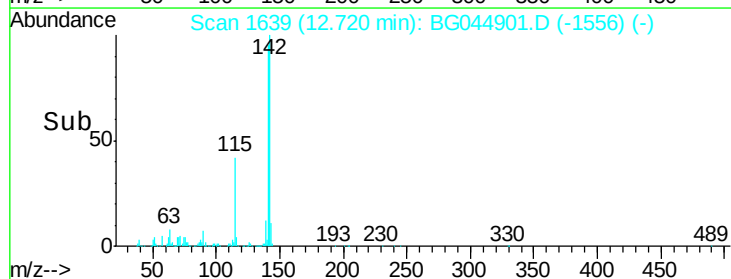
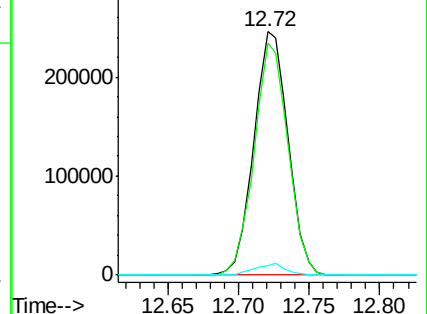
116 3.8 3.3 4.9

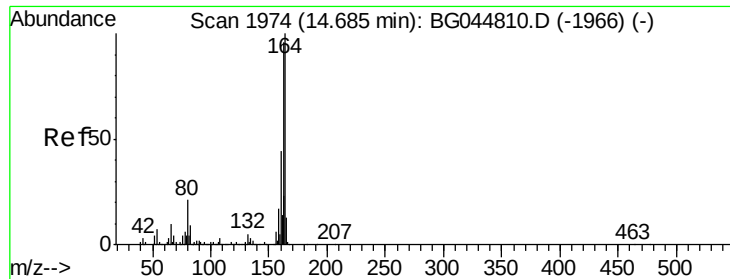


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

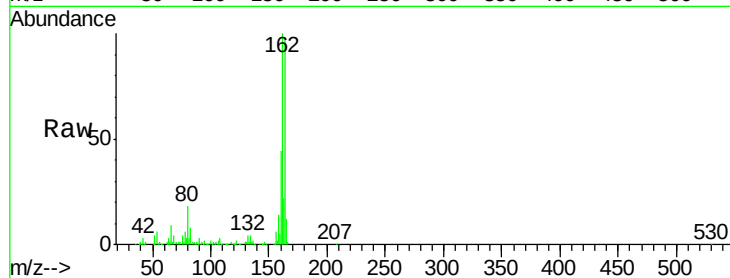
Tgt Ion:164 Resp: 210461

Ion Ratio Lower Upper

164 100

162 102.6 76.7 115.1

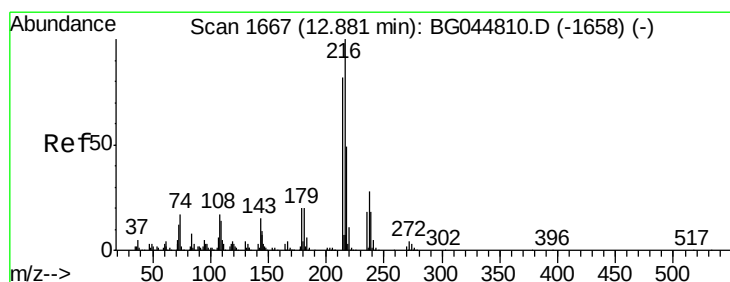
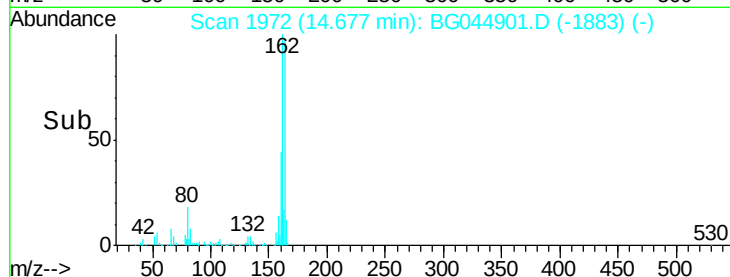
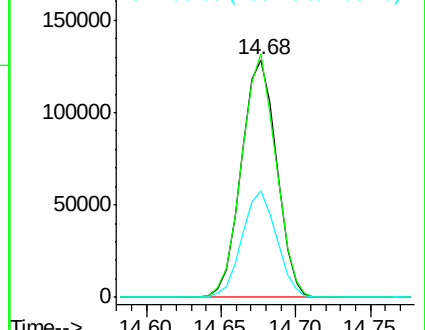
160 44.9 35.0 52.4



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: 34.01 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Tgt Ion:216 Resp: 235730

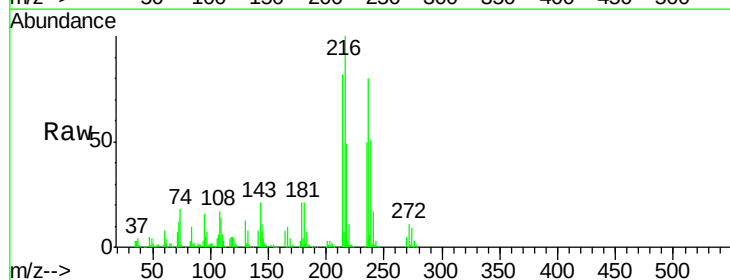
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 20.4 16.2 24.2

108 20.7 14.6 22.0

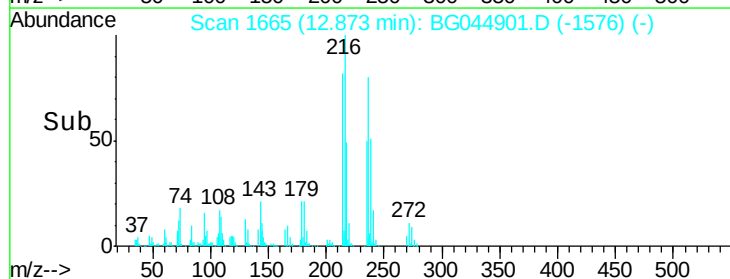
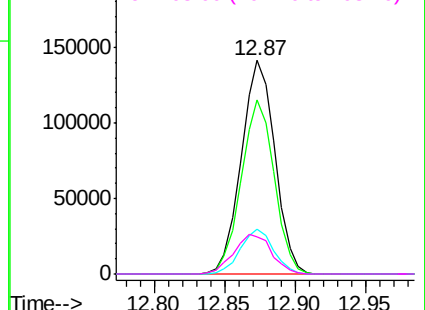


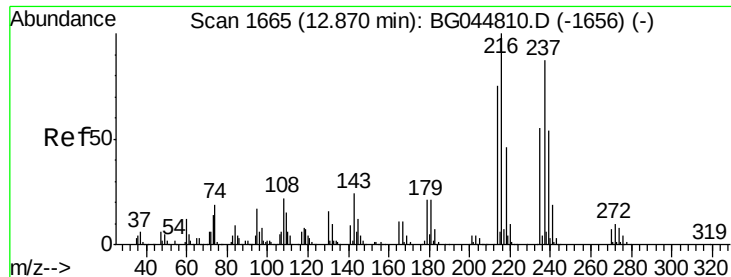
Abundance Ion 216.00 (215.70 to 216.70): E

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

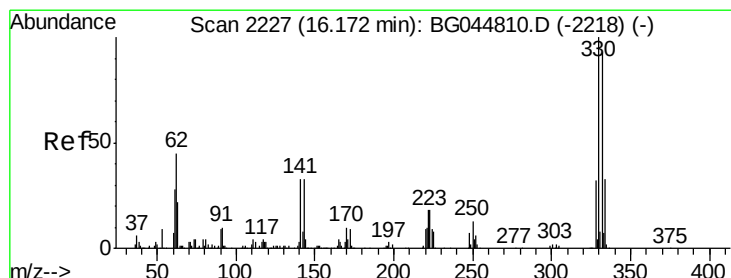
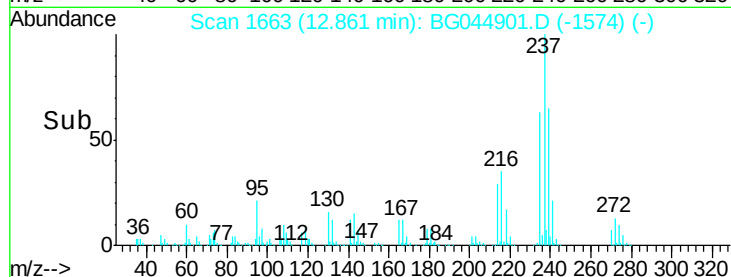
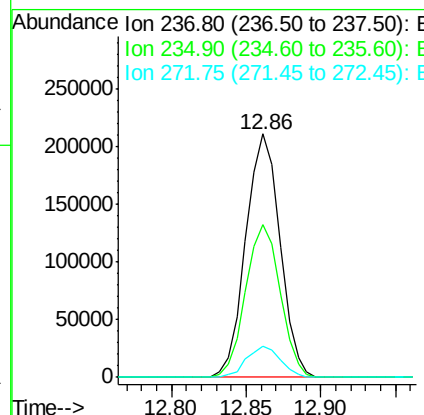
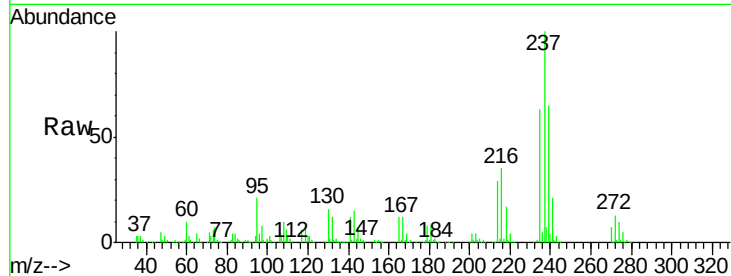




#41
Hexachlorocyclopentadiene
Concen: 88.40 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

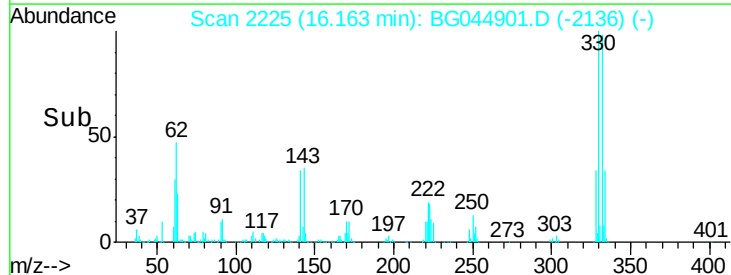
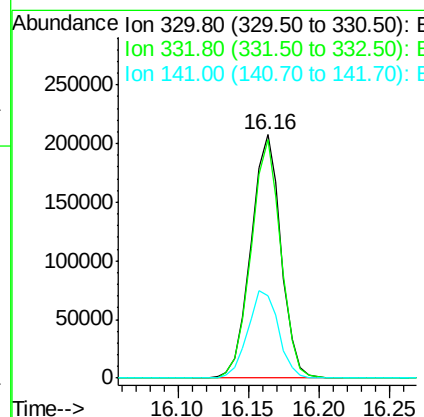
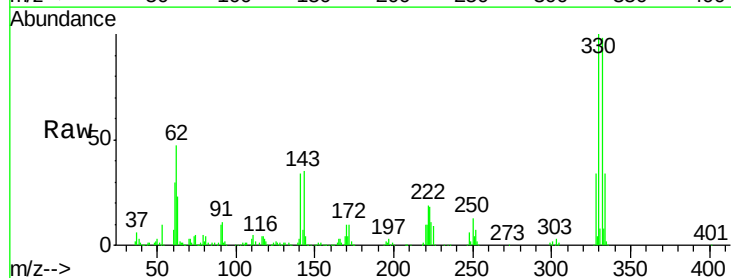
Instrument :
BNA_G
ClientSampleId :
PB127682BS

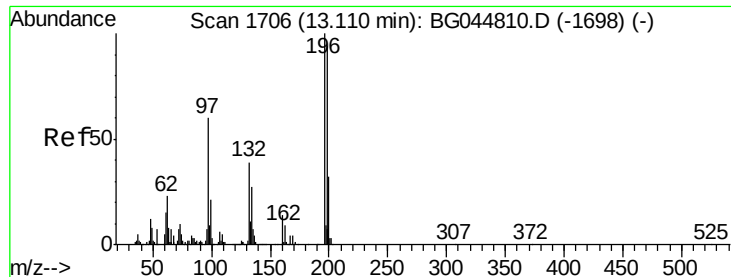
Tgt Ion: 237 Resp: 334858
Ion Ratio Lower Upper
237 100
235 62.5 42.9 82.9
272 12.7 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 111.96 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion: 330 Resp: 308531
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.6
141 37.1 29.5 44.3

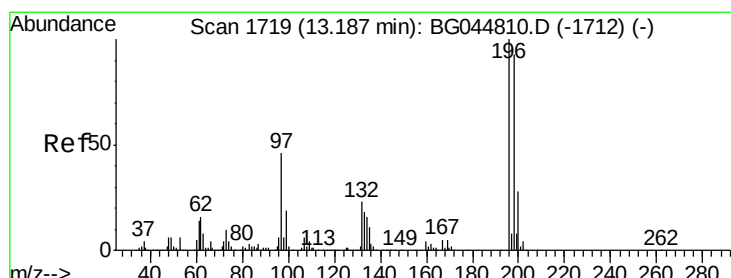
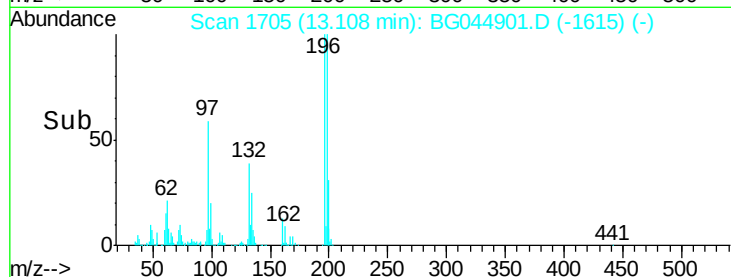
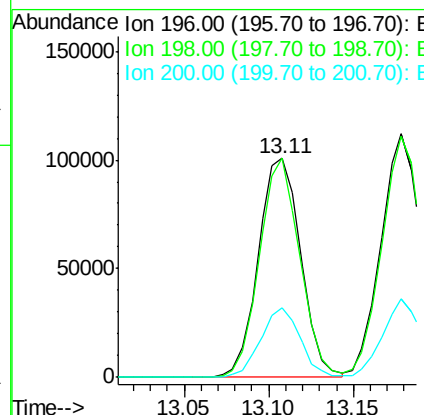
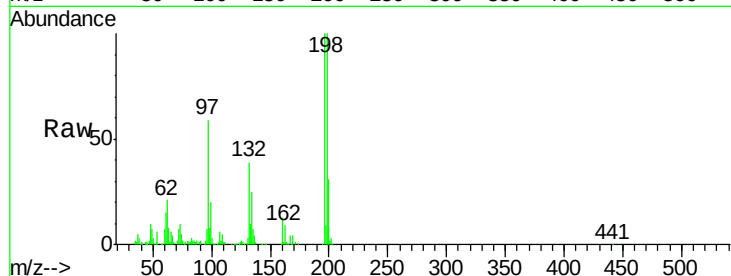




#43
 2,4,6-Trichlorophenol
 Concen: 38.20 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

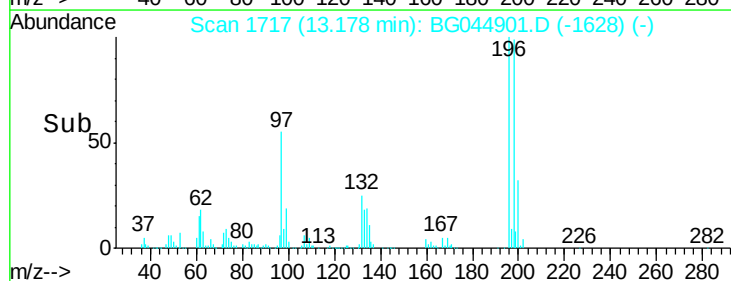
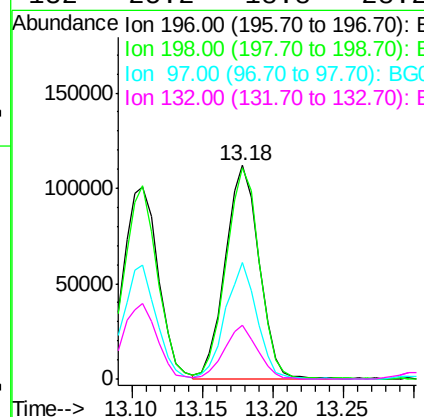
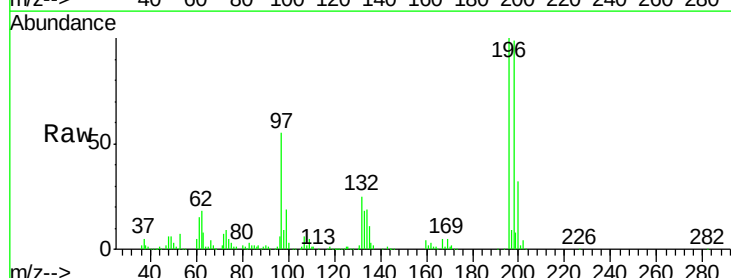
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

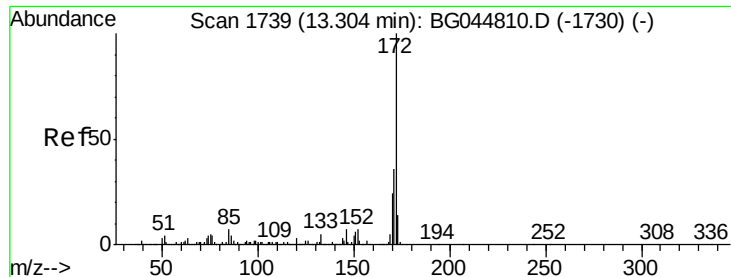
Tgt Ion	Resp	Lower	Upper
196	175693		
198	100.3	74.9	112.3
200	31.6	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.98 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

Tgt Ion	Resp	Lower	Upper
196	185936		
198	98.9	74.2	111.4
97	54.8	36.7	55.1
132	25.2	18.8	28.2

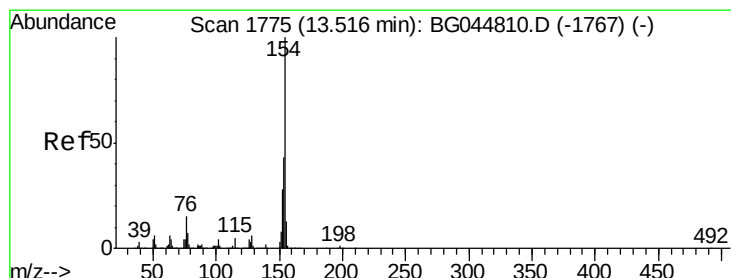
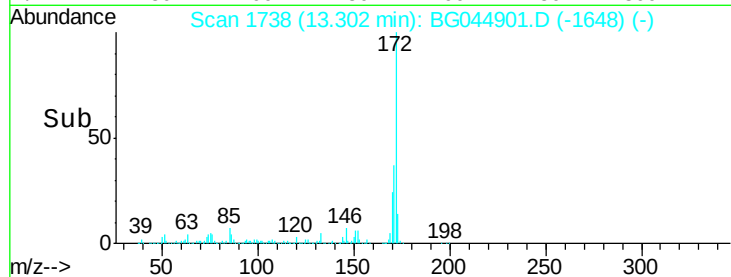
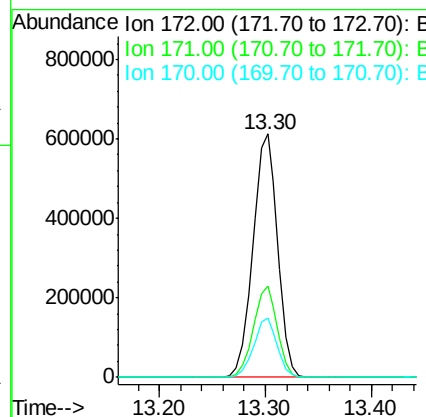
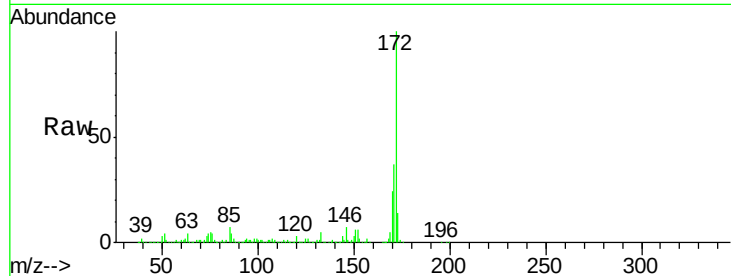




#45
2-Fluorobiphenyl
Concen: 67.42 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

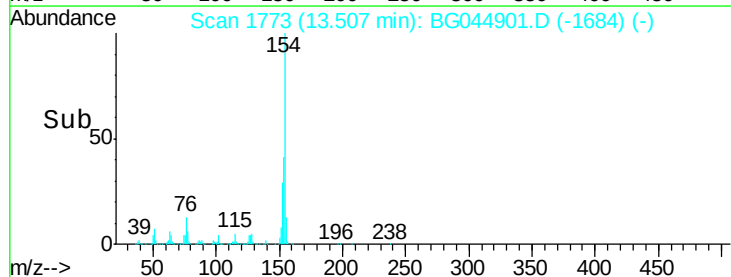
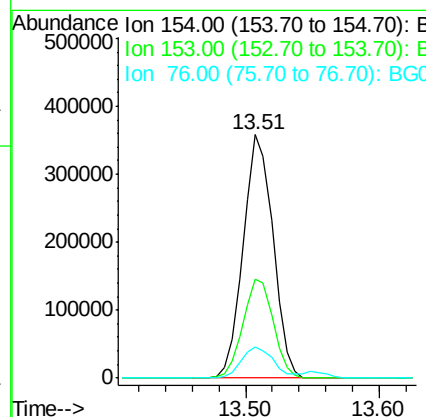
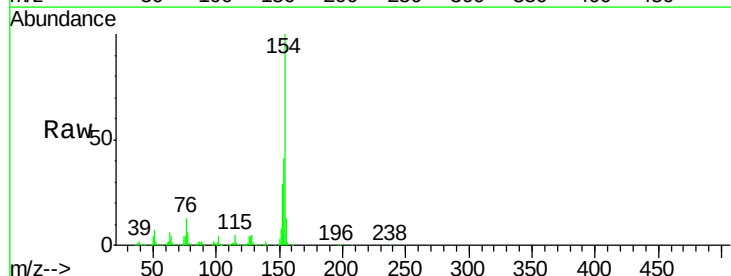
Instrument :
BNA_G
ClientSampleId :
PB127682BS

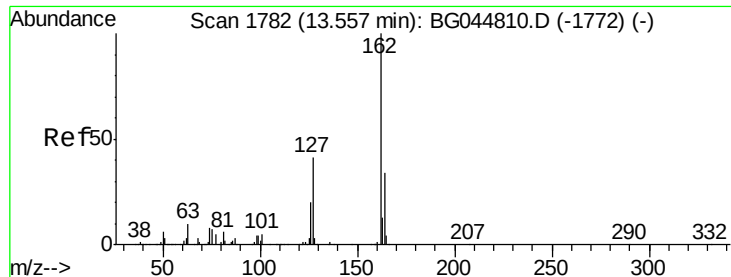
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.3	19.0	28.6



#46
1,1'-Biphenyl
Concen: 32.80 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.9	62.9
76	13.0	0.0	34.6

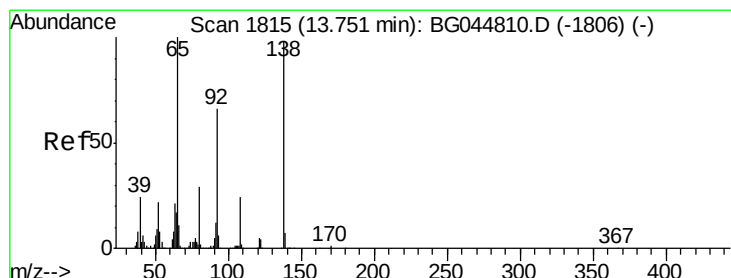
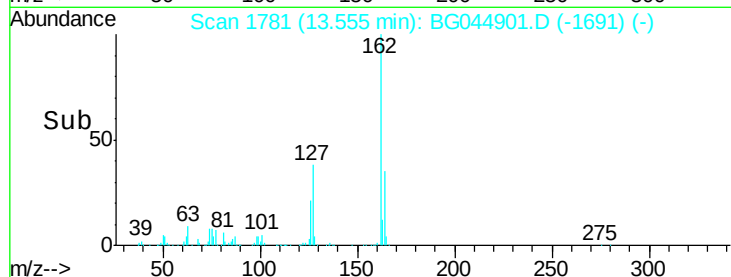
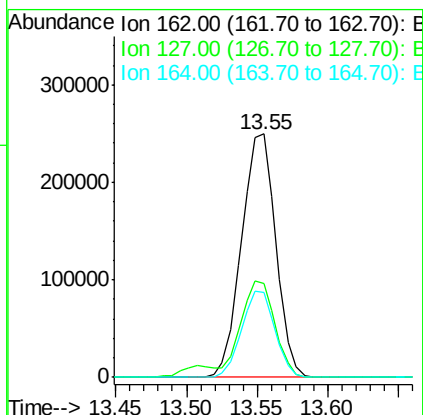
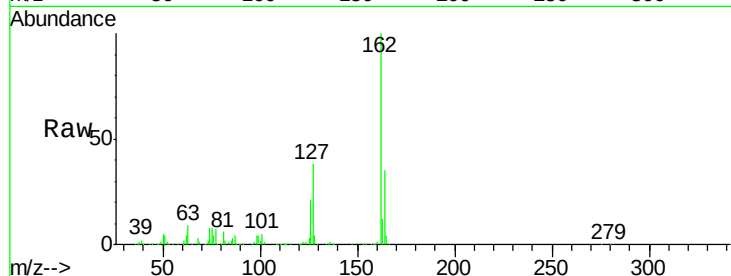




#47
2-Chloronaphthalene
Concen: 33.02 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

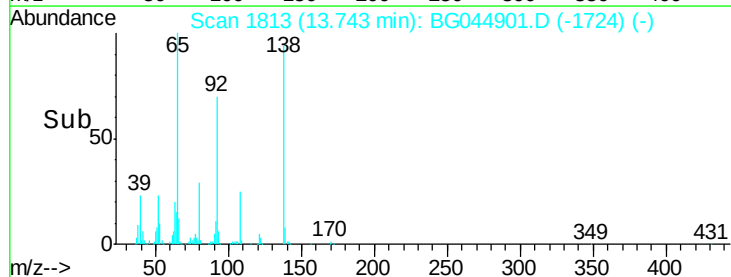
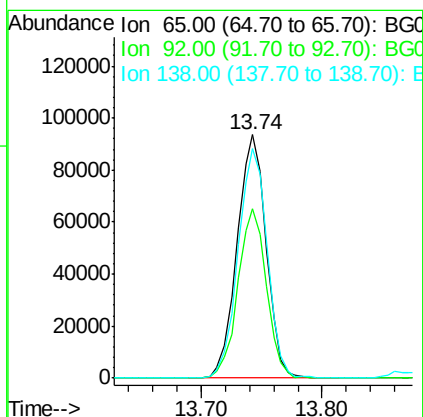
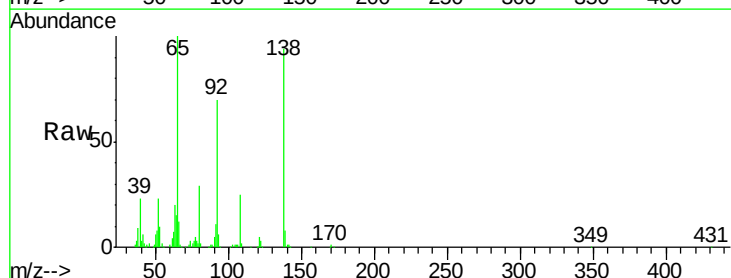
Instrument :
BNA_G
ClientSampleId :
PB127682BS

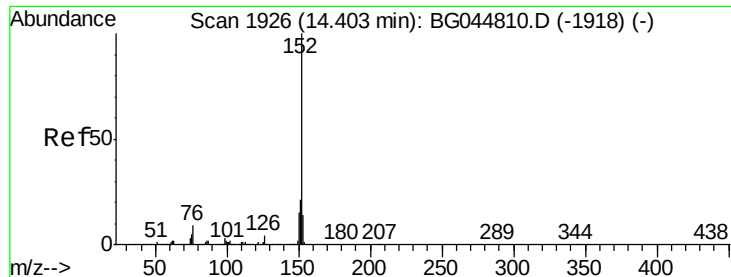
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.1	49.7
164	35.0	27.4	41.2



#48
2-Nitroaniline
Concen: 34.91 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	52.6	79.0
138	94.3	78.3	117.5





#49

Acenaphthylene

Concen: 35.56 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

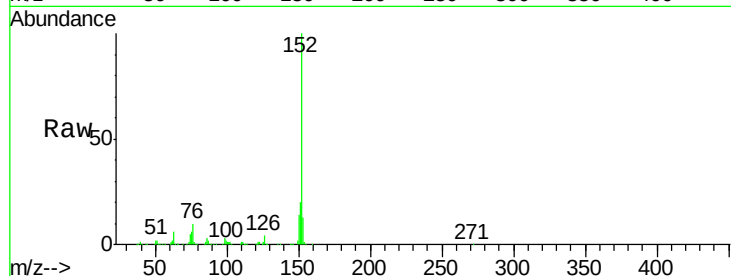
Tgt Ion:152 Resp: 715681

Ion Ratio Lower Upper

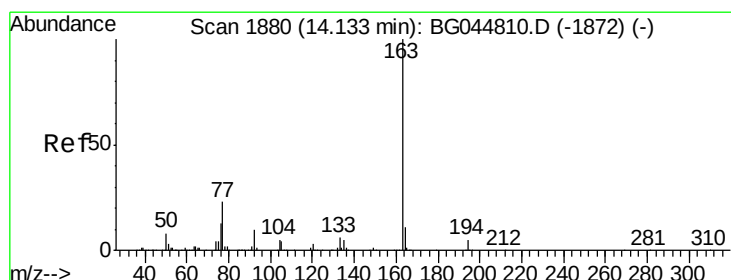
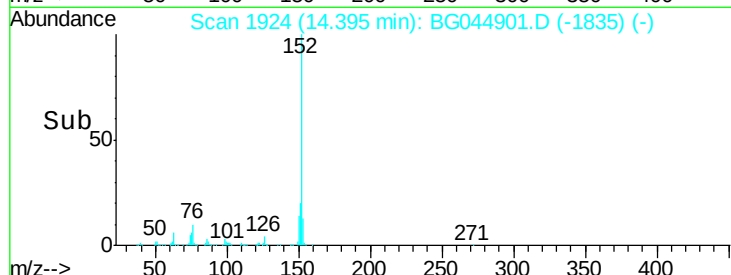
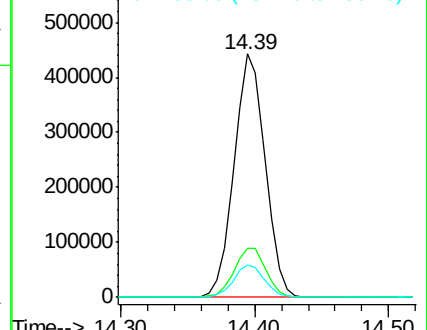
152 100

151 20.3 16.8 25.2

153 13.4 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



#50

Dimethylphthalate

Concen: 34.34 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

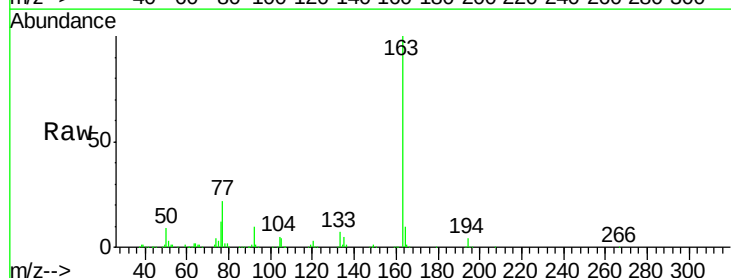
Tgt Ion:163 Resp: 575613

Ion Ratio Lower Upper

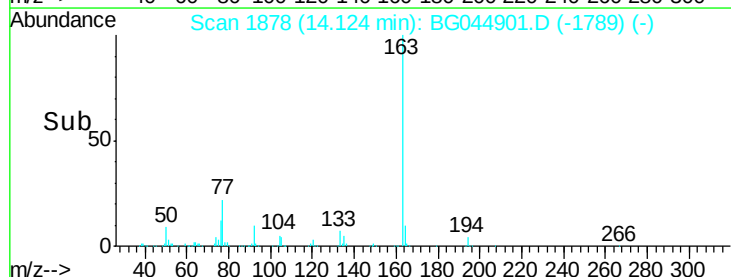
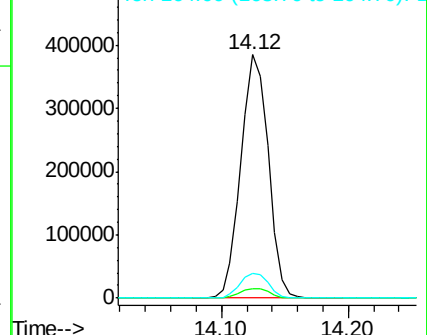
163 100

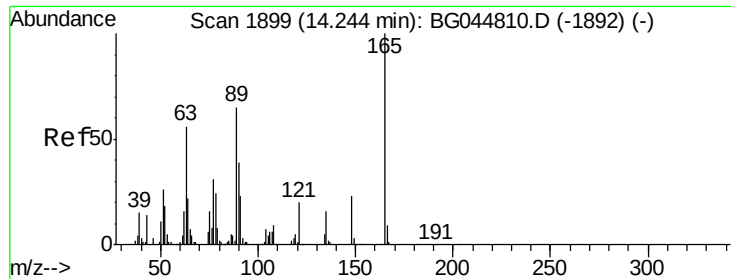
194 4.1 3.7 5.5

164 10.3 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

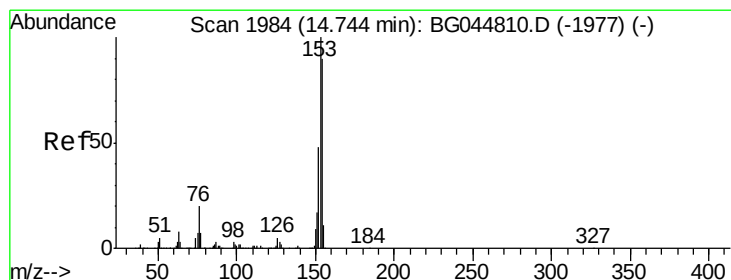
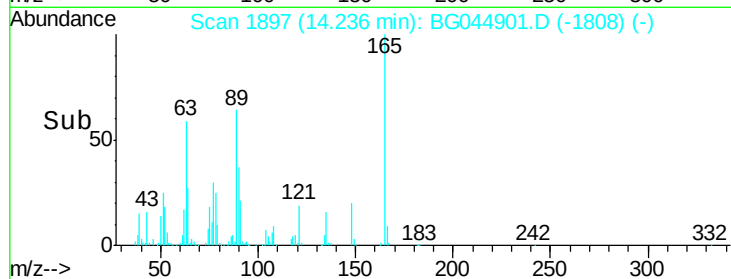
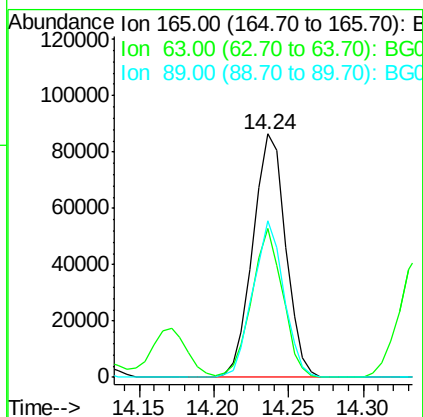
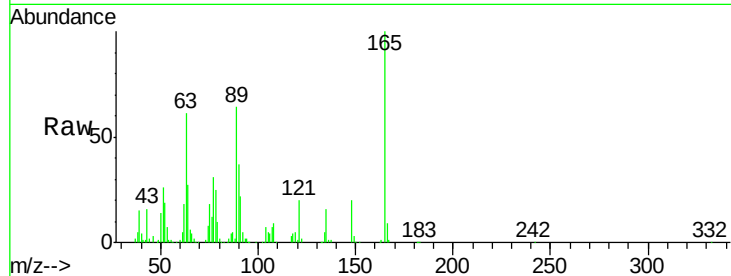




#51
 2,6-Dinitrotoluene
 Concen: 38.76 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

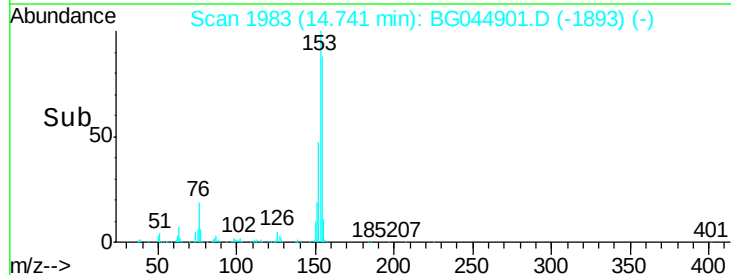
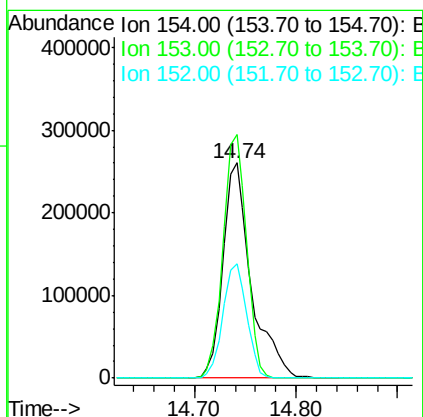
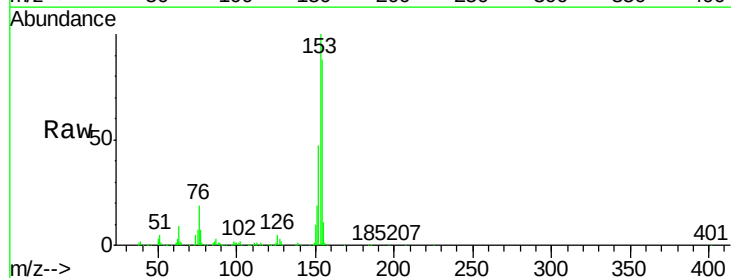
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

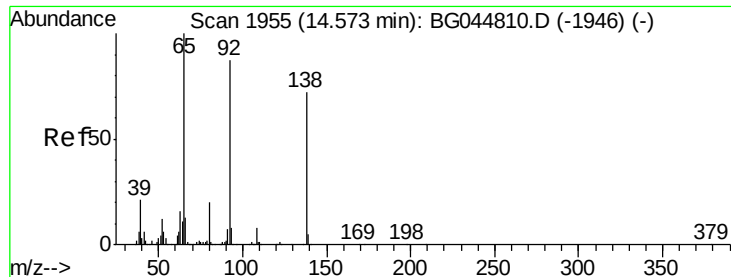
Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.0	45.8	68.8
89	64.4	51.8	77.6



#52
 Acenaphthene
 Concen: 38.34 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.0	133.6
152	52.9	43.0	64.6





#53

3-Nitroaniline

Concen: 21.14 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

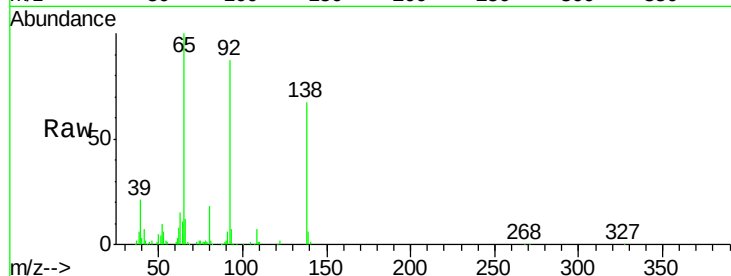
Tgt Ion:138 Resp: 82123

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

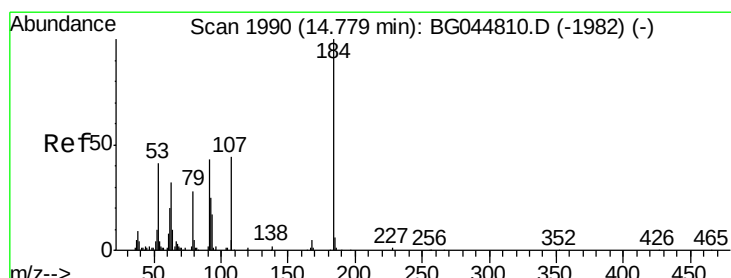
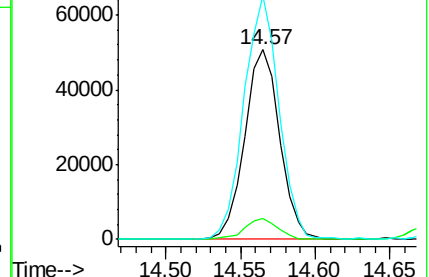
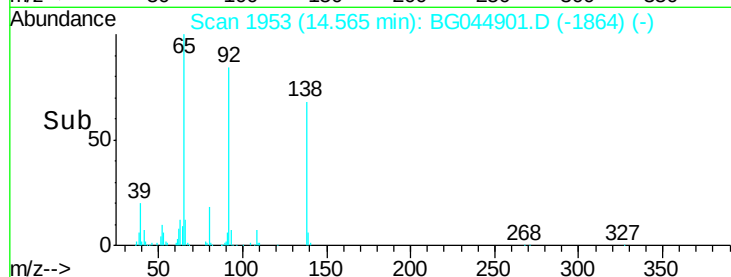
92 128.5 96.8 145.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 76.85 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

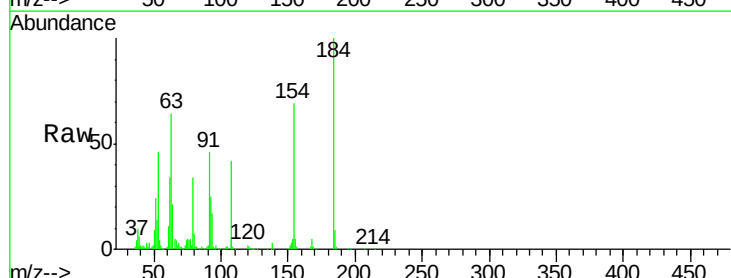
Tgt Ion:184 Resp: 135029

Ion Ratio Lower Upper

184 100

63 64.2 45.5 68.3

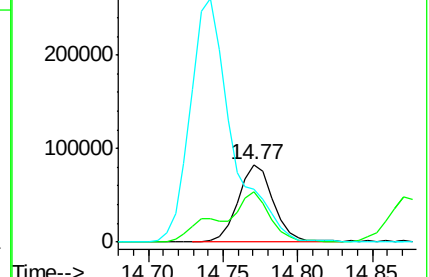
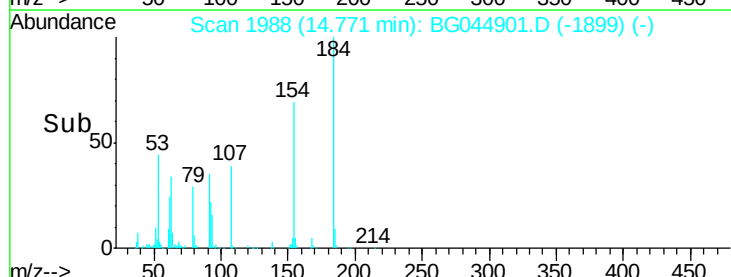
154 68.5 49.1 73.7

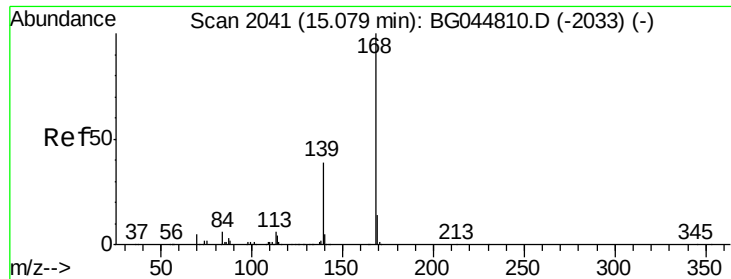


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

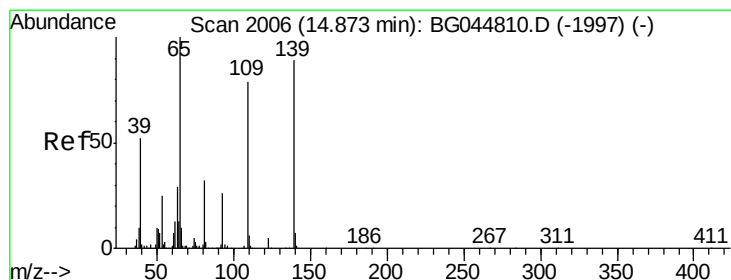
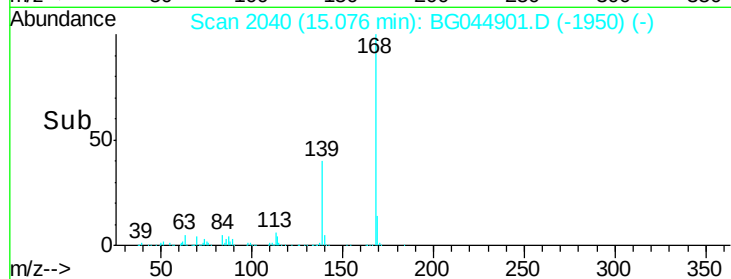
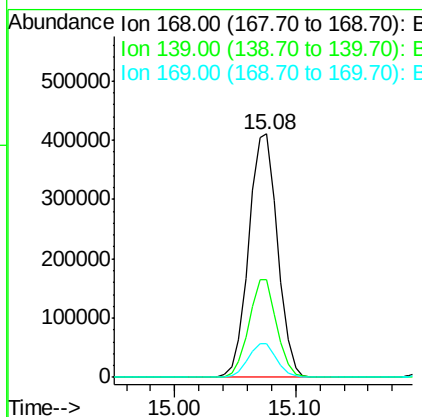
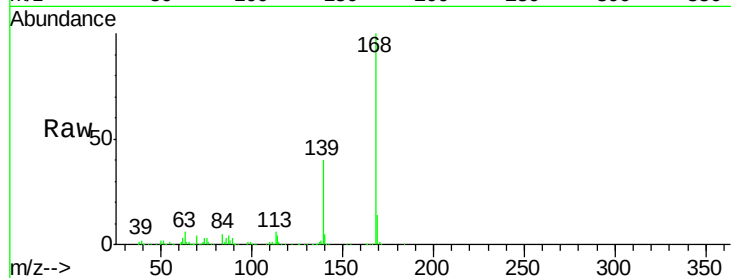




#55
Dibenzenofuran
Concen: 35.52 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

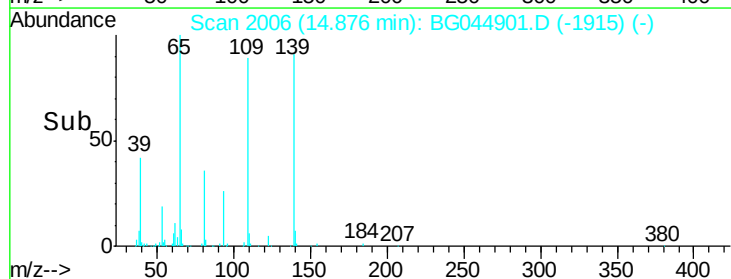
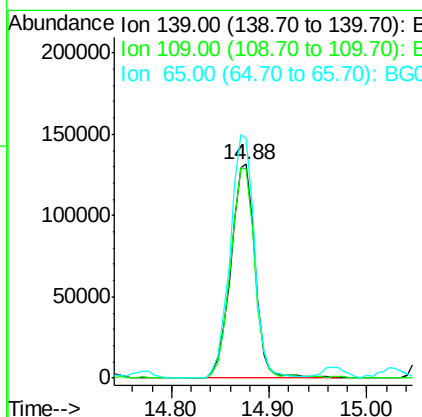
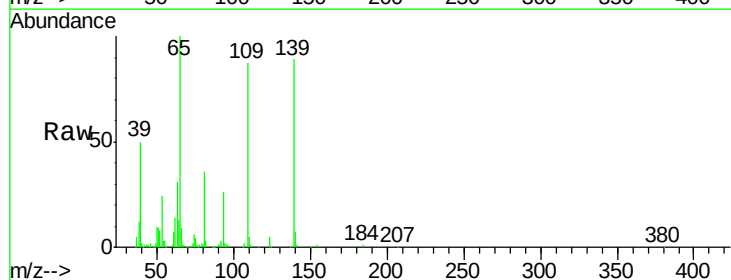
Instrument :
BNA_G
ClientSampleId :
PB127682BS

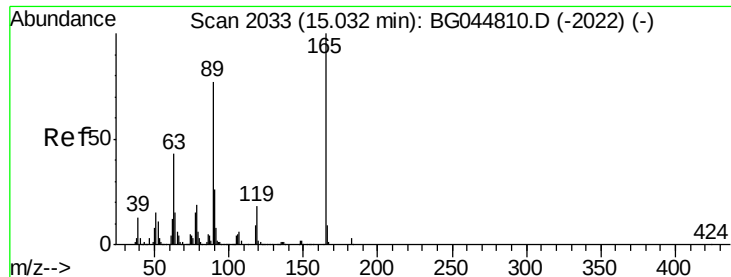
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.4	47.0
169	13.7	11.1	16.7



#56
4-Nitrophenol
Concen: 76.38 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.7	68.8	108.8
65	112.0	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 40.50 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

Tgt Ion:165 Resp: 187692

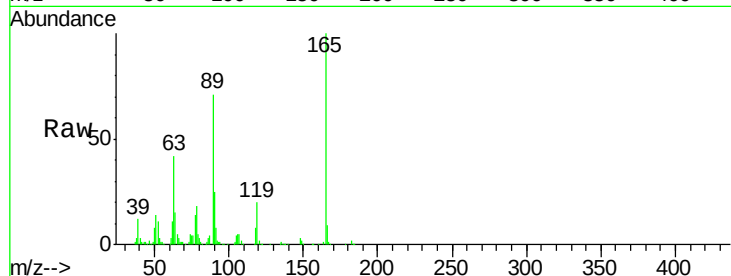
Ion Ratio Lower Upper

165 100

63 42.5 34.6 52.0

89 71.3 61.3 91.9

182 2.3 2.2 3.2

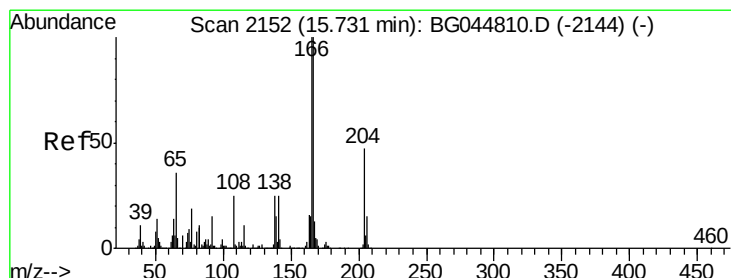
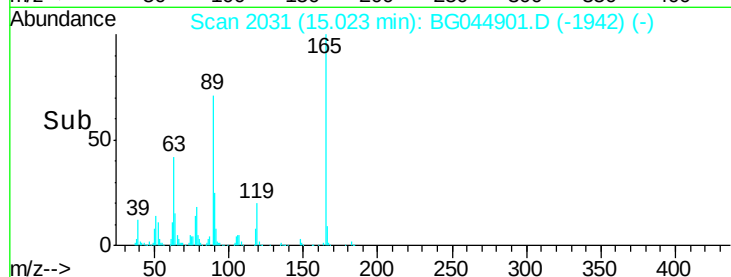
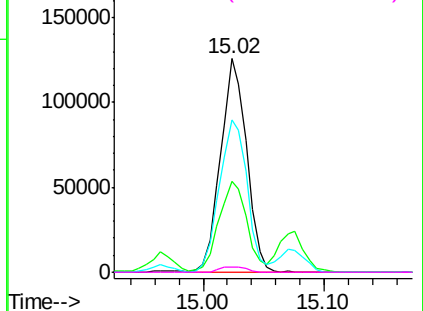


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 34.89 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

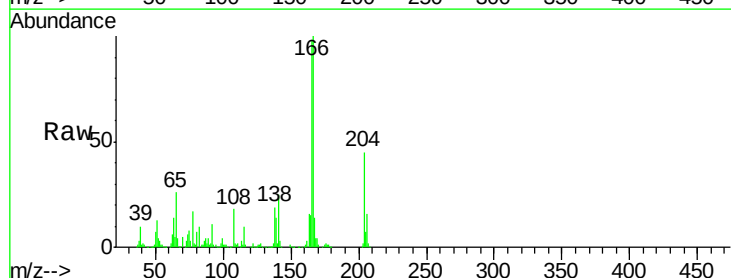
Tgt Ion:166 Resp: 548598

Ion Ratio Lower Upper

166 100

165 98.5 79.7 119.5

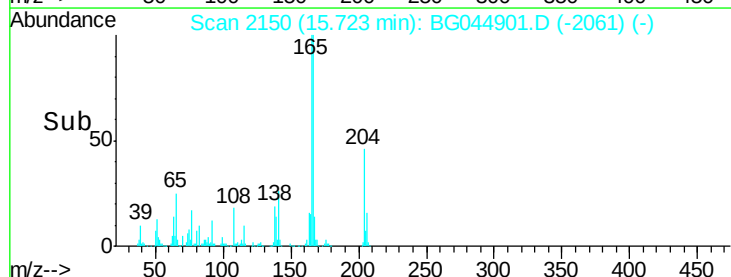
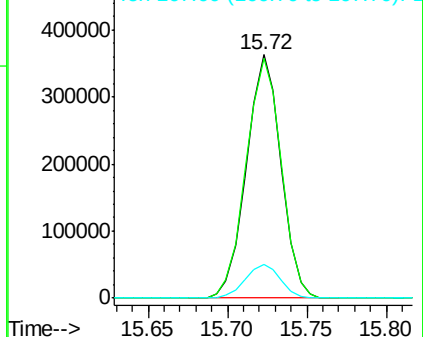
167 14.0 10.6 16.0

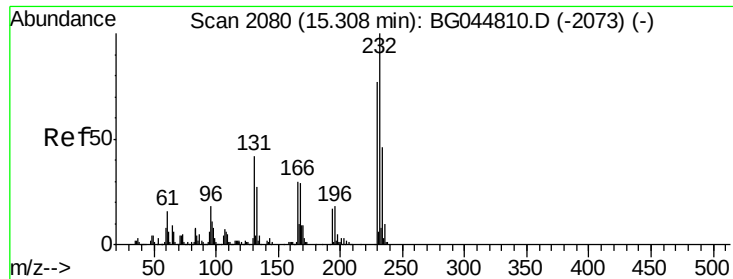


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

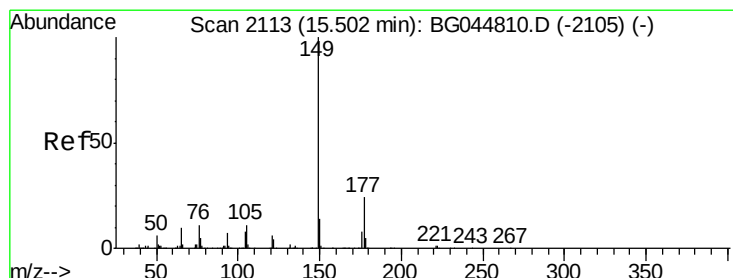
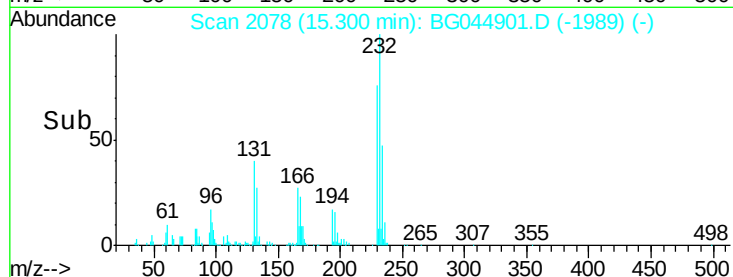
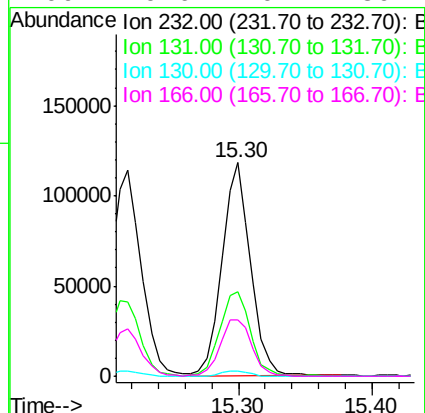
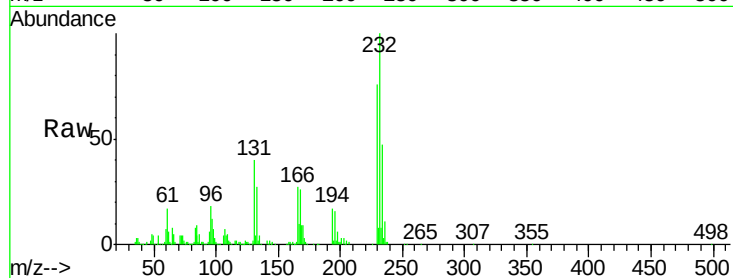




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.32 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

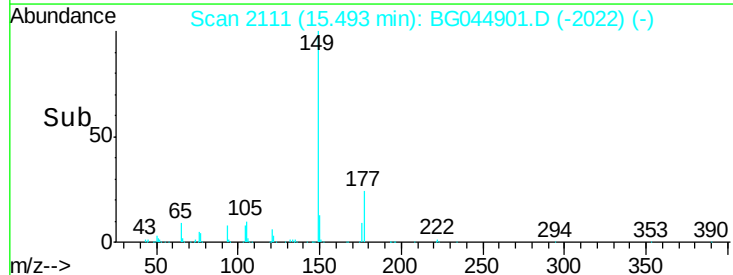
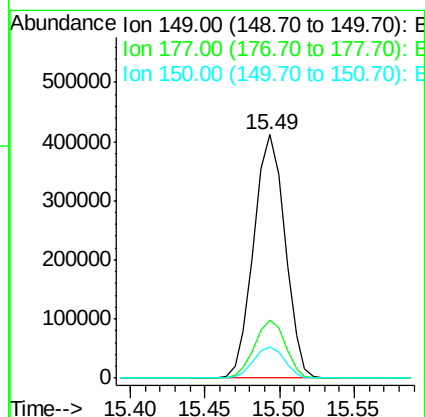
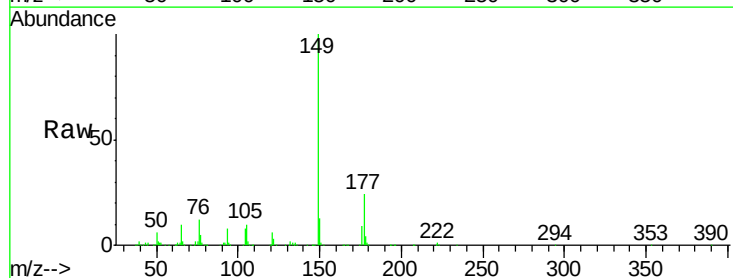
Instrument :
BNA_G
ClientSampleId :
PB127682BS

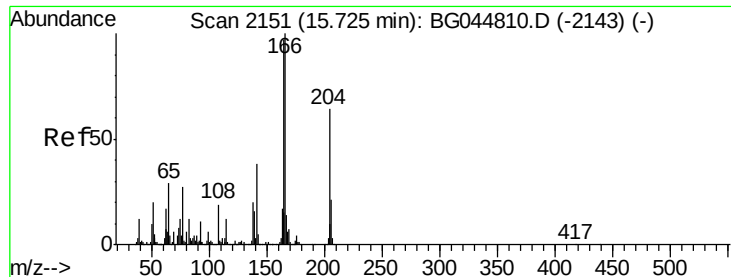
Tgt Ion:232 Resp: 177078
Ion Ratio Lower Upper
232 100
131 42.0 31.8 47.8
130 2.7 2.2 3.2
166 29.6 20.2 30.2



#60
Diethylphthalate
Concen: 34.16 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion:149 Resp: 597190
Ion Ratio Lower Upper
149 100
177 24.0 19.3 28.9
150 12.6 11.0 16.6

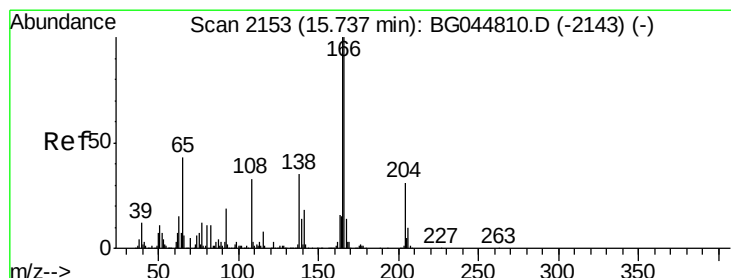
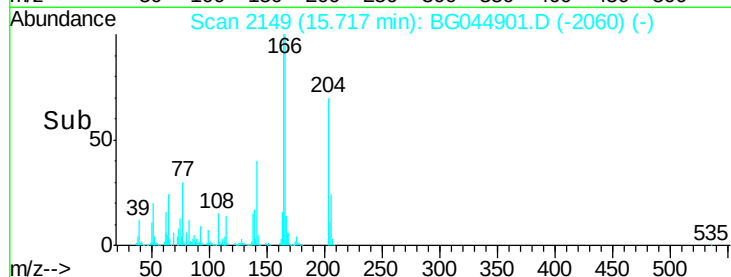
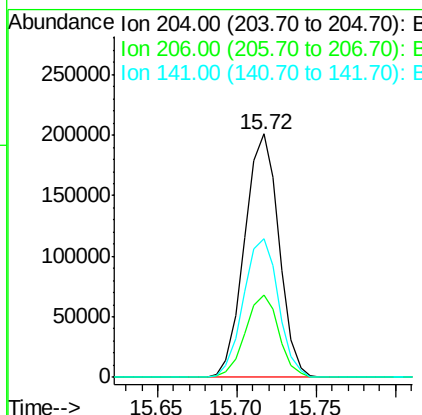
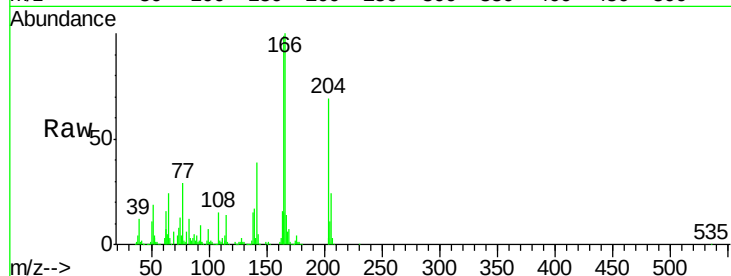




#61
 4-Chlorophenyl-phenylether
 Concen: 35.66 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

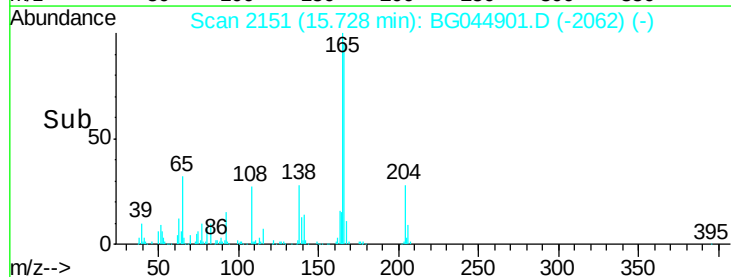
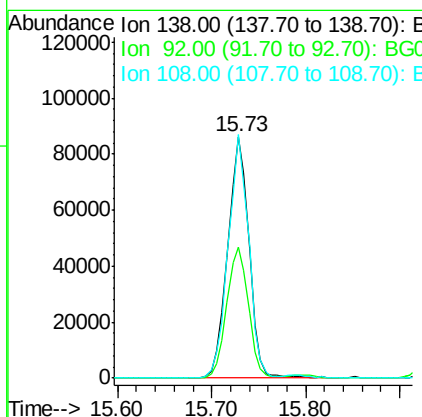
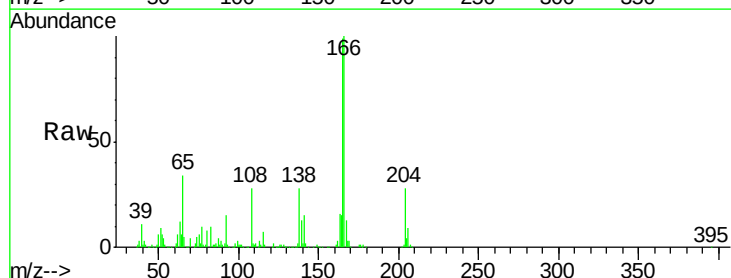
Instrument :
 BNA_G
 ClientSampleId :
 PB127682BS

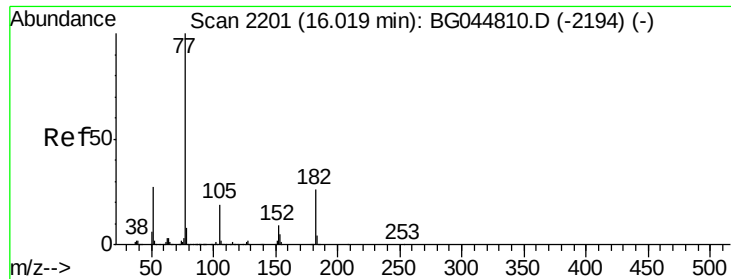
Tgt Ion: 204 Resp: 301931
 Ion Ratio Lower Upper
 204 100
 206 34.1 26.2 39.2
 141 57.2 47.7 71.5



#62
 4-Nitroaniline
 Concen: 32.96 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG044901.D
 Acq: 19 Mar 2020 17:36

Tgt Ion: 138 Resp: 136523
 Ion Ratio Lower Upper
 138 100
 92 54.2 34.5 74.5
 108 100.9 74.5 114.5





#63

Azobenzene

Concen: 32.49 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

Tgt Ion: 77 Resp: 589814

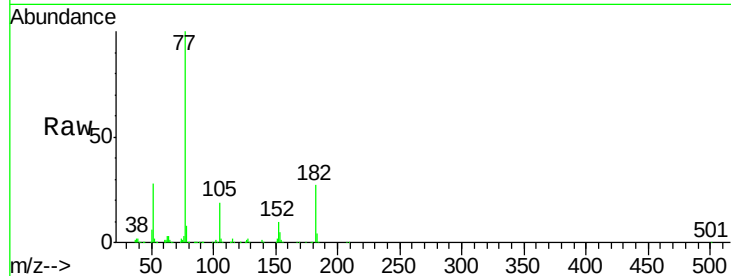
Ion Ratio Lower Upper

77 100

182 27.3 6.4 46.4

105 18.6 0.0 39.1

51 28.2 7.3 47.3

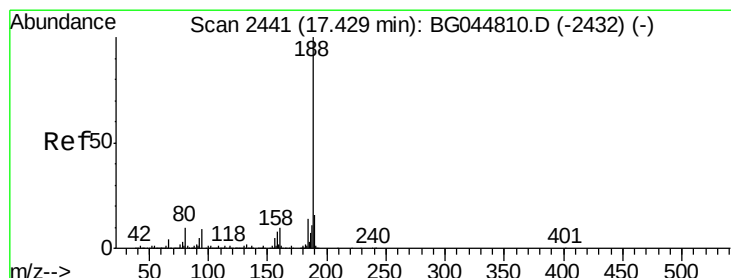
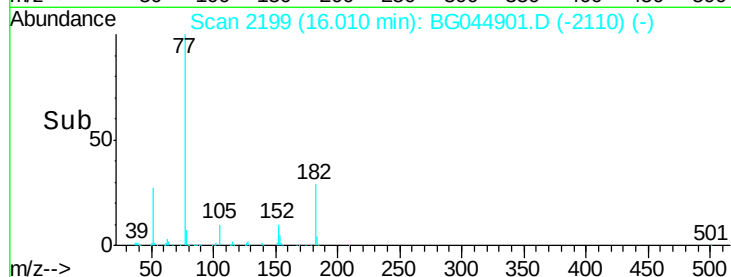
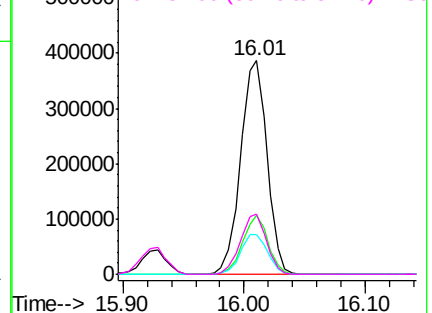


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

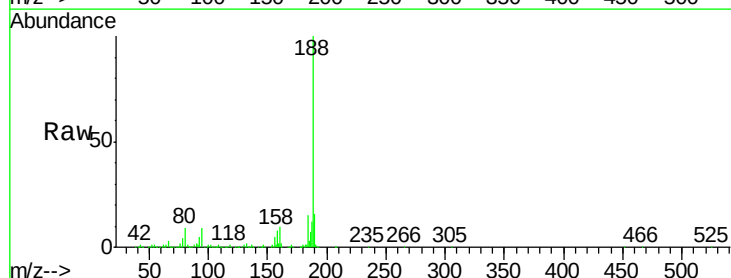
Tgt Ion: 188 Resp: 481097

Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

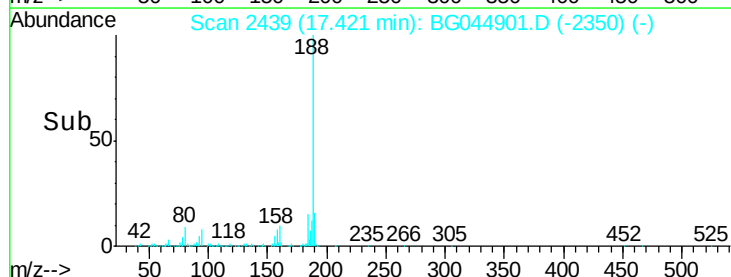
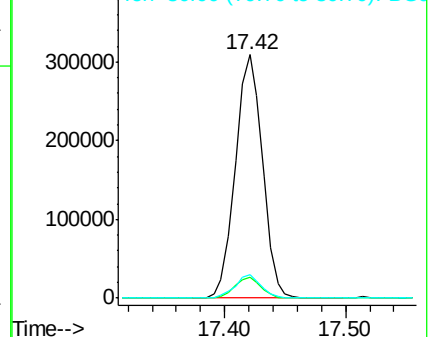
80 9.4 8.0 12.0

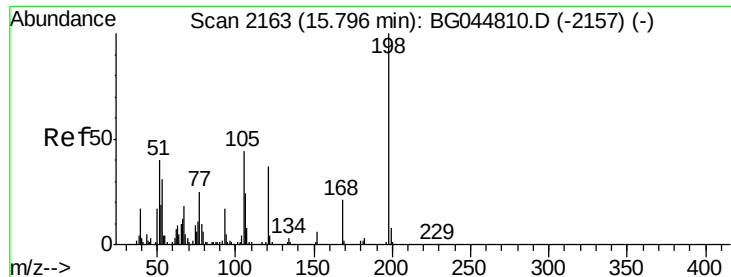


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.15 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

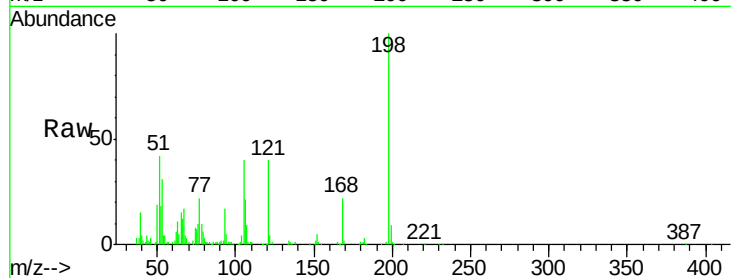
Tgt Ion:198 Resp: 103690

Ion Ratio Lower Upper

198 100

51 41.7 21.1 61.1

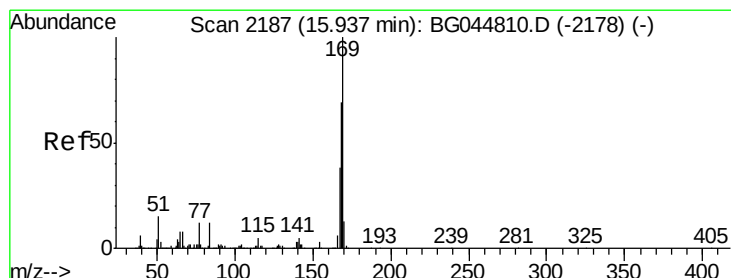
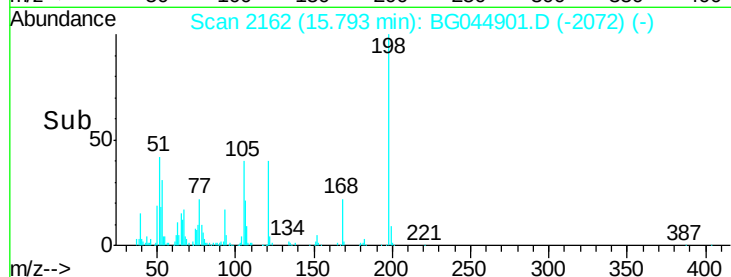
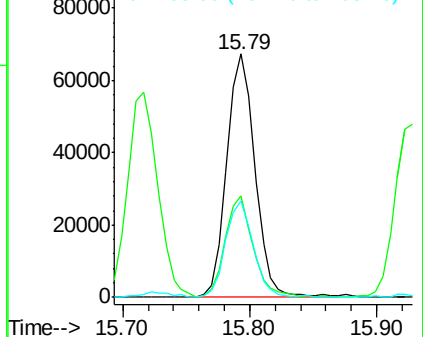
105 39.7 24.5 64.5



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: 34.61 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

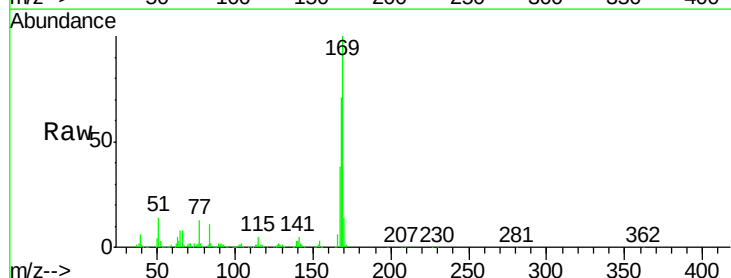
Tgt Ion:169 Resp: 501340

Ion Ratio Lower Upper

169 100

168 71.2 55.4 83.2

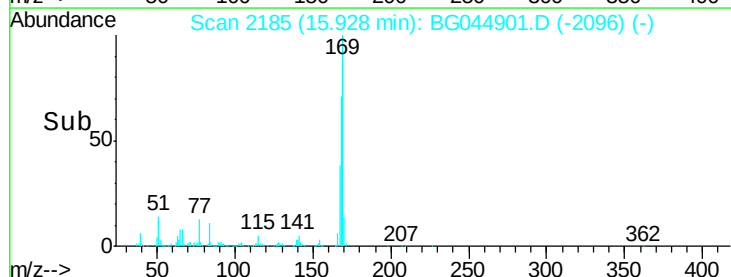
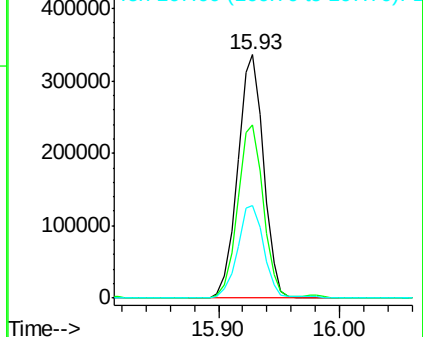
167 38.2 30.1 45.1

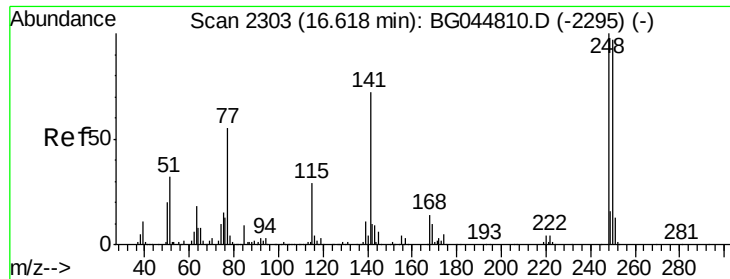


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

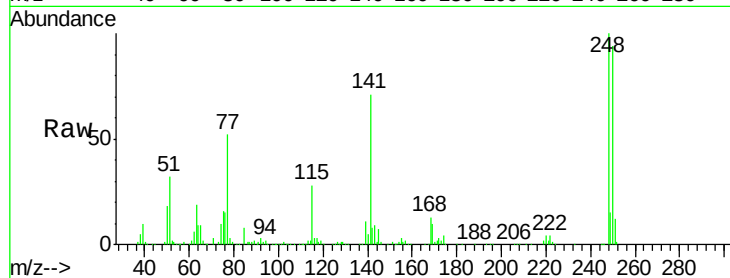




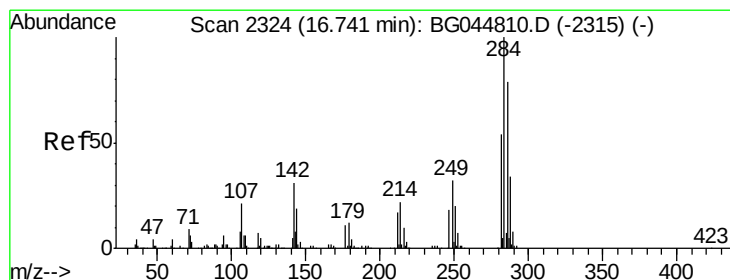
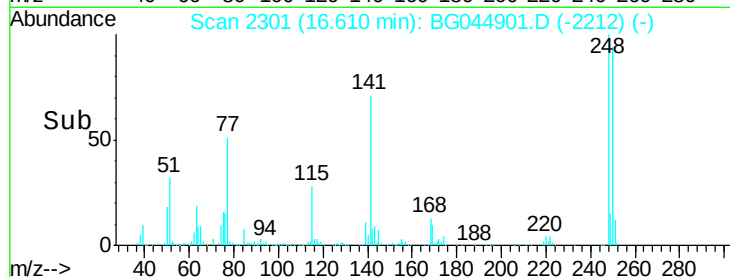
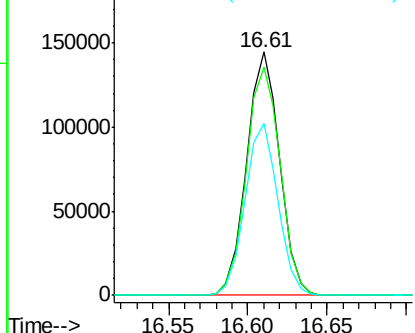
#67
4-Bromophenyl-phenylether
Concen: 34.64 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB127682BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.9	116.9
141	70.9	57.5	86.3

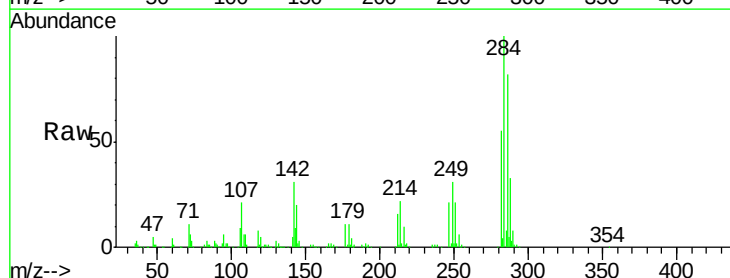


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

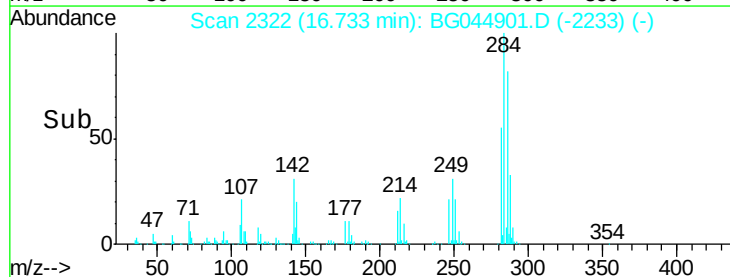
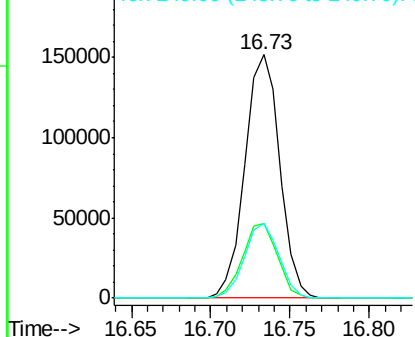


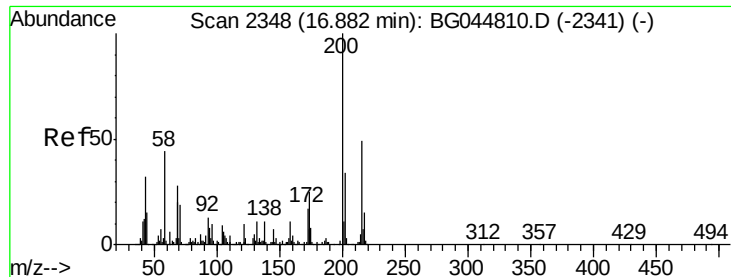
#68
Hexachlorobenzene
Concen: 35.42 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	25.0	37.6
249	30.9	25.8	38.8



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





#69

Atrazine

Concen: 38.28 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

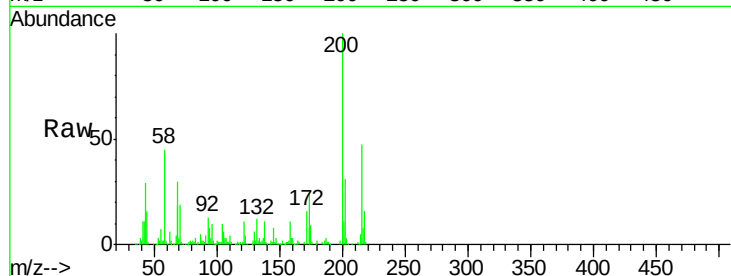
Tgt Ion:200 Resp: 203166

Ion Ratio Lower Upper

200 100

173 24.5 5.3 45.3

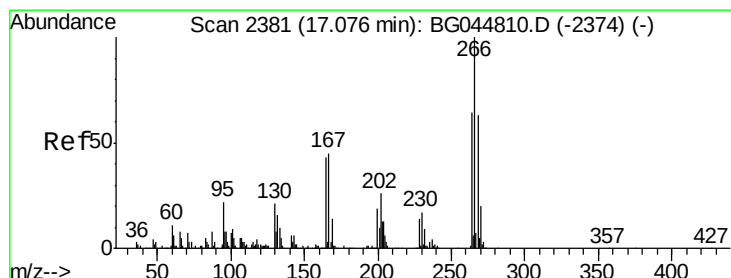
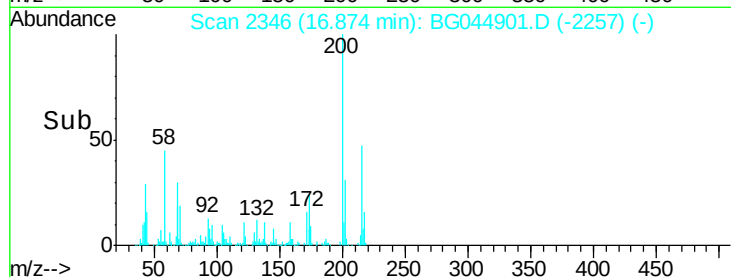
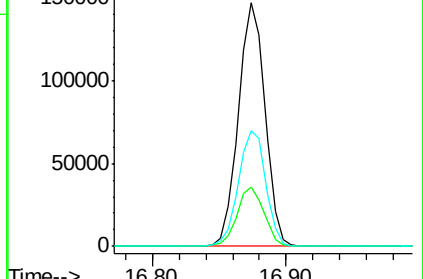
215 47.5 28.9 68.9



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: 78.20 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

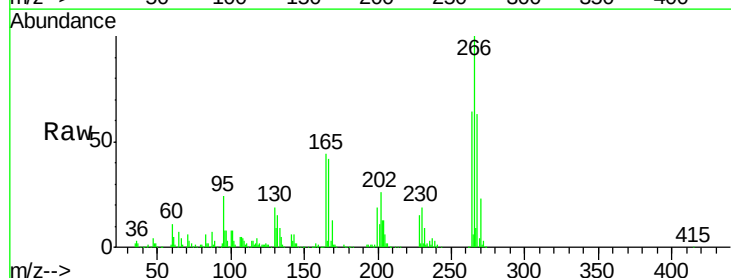
Tgt Ion:266 Resp: 280760

Ion Ratio Lower Upper

266 100

268 62.5 50.3 75.5

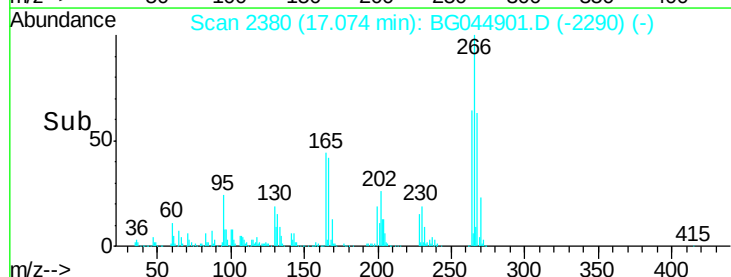
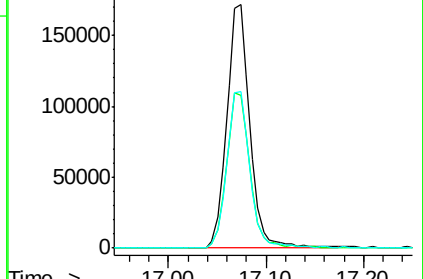
264 64.2 51.4 77.2

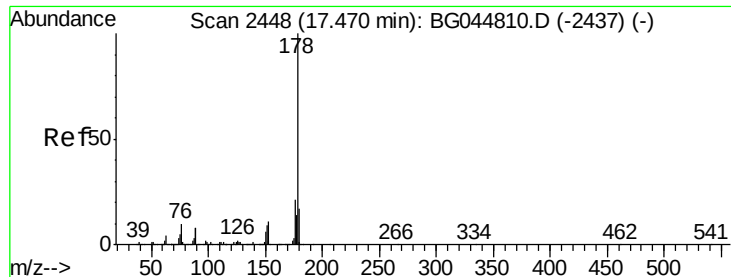


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.64 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

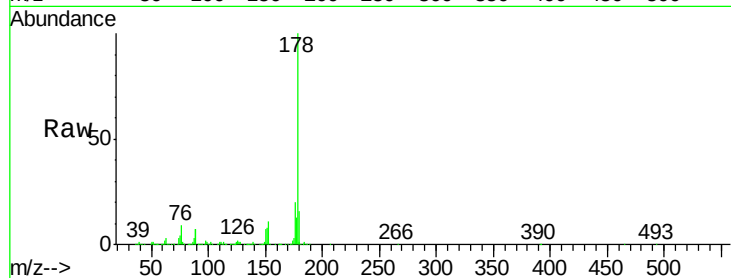
Tgt Ion:178 Resp: 916243

Ion Ratio Lower Upper

178 100

176 19.8 16.6 24.8

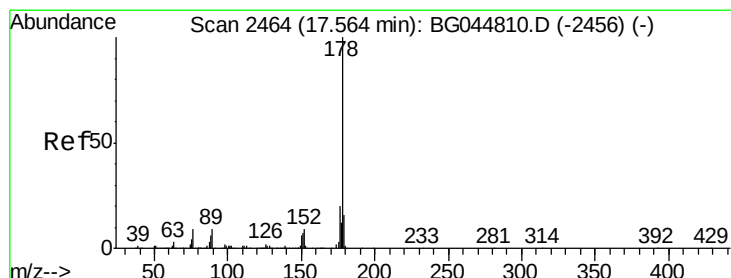
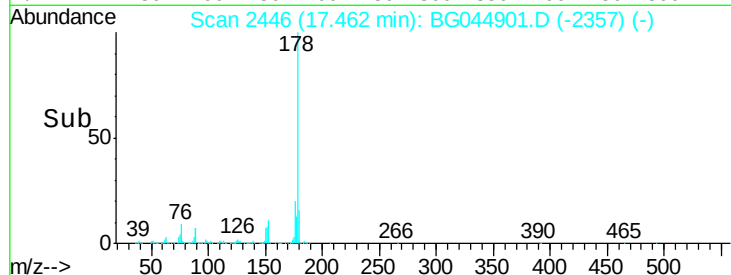
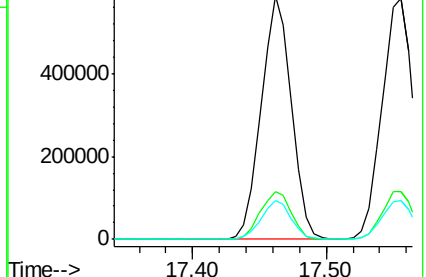
179 16.0 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.85 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

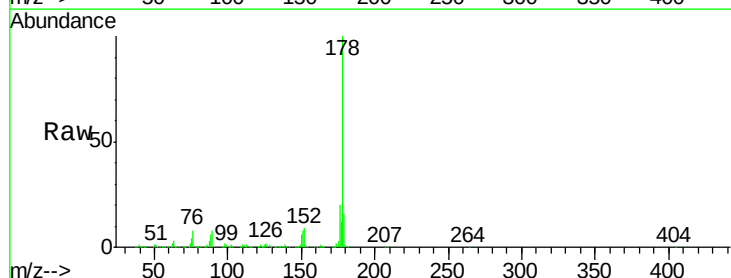
Tgt Ion:178 Resp: 934075

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

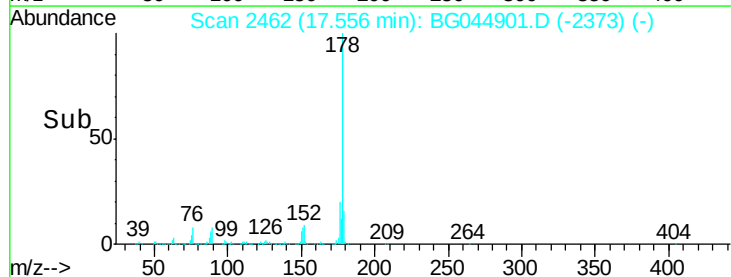
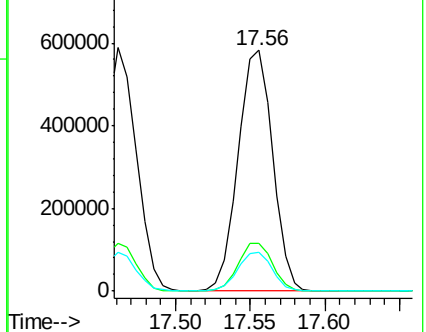
179 16.4 13.2 19.8

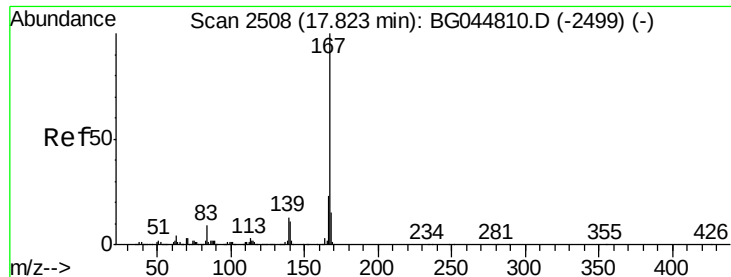


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.42 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

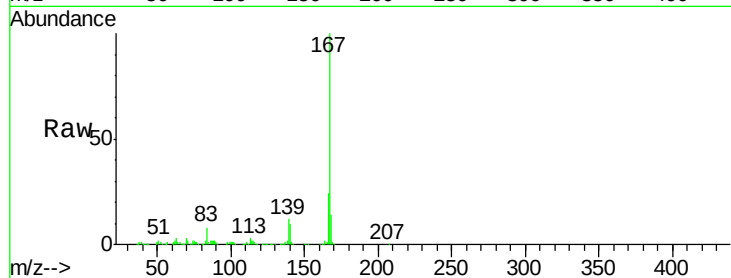
Tgt Ion:167 Resp: 886825

Ion Ratio Lower Upper

167 100

166 23.8 18.8 28.2

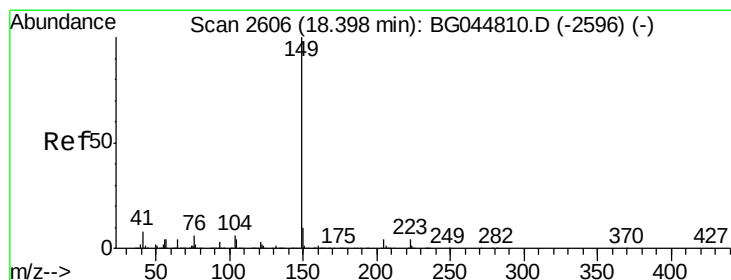
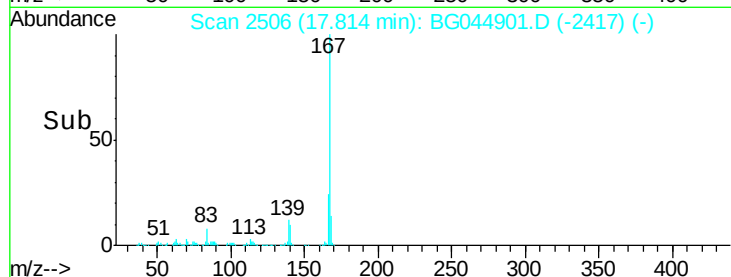
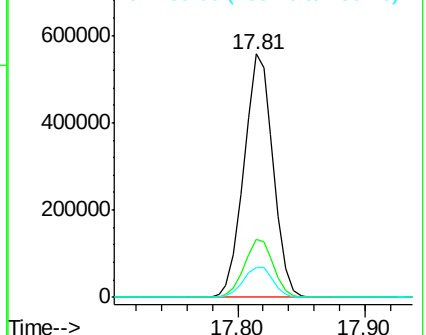
139 12.4 10.8 16.2



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: 35.62 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

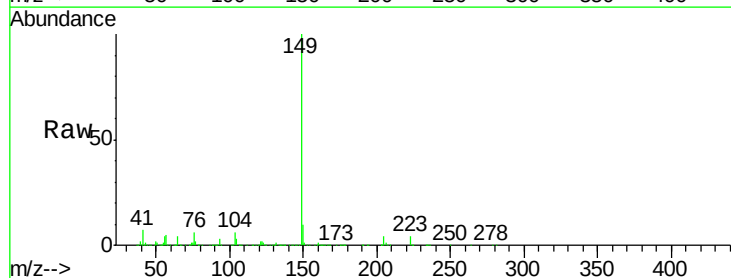
Tgt Ion:149 Resp: 1054330

Ion Ratio Lower Upper

149 100

150 10.3 8.1 12.1

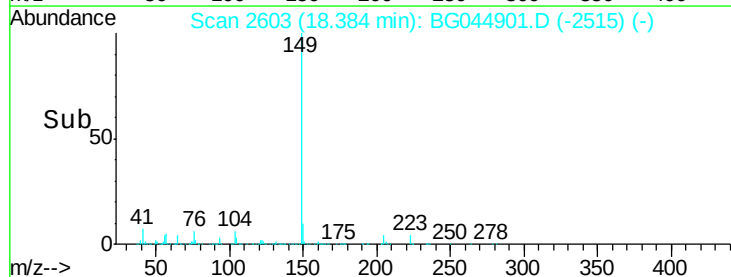
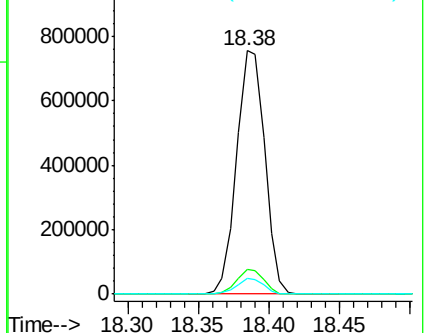
104 6.3 5.0 7.4

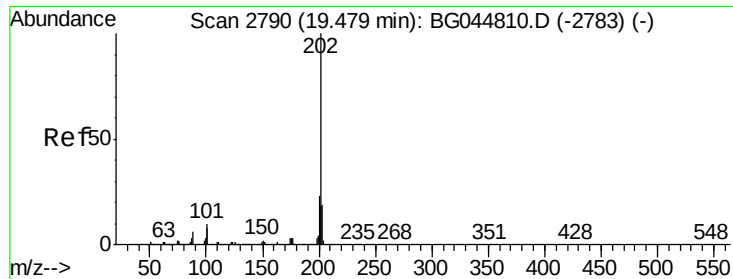


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.45 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

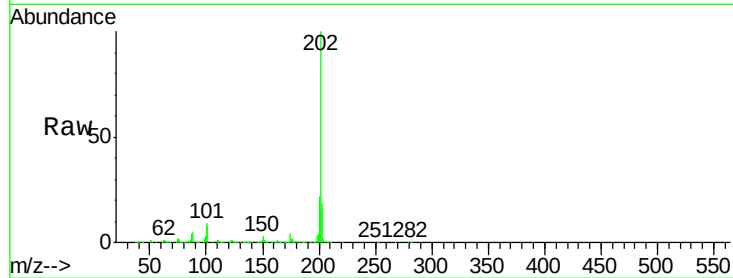
Tgt Ion:202 Resp: 1176843

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.8

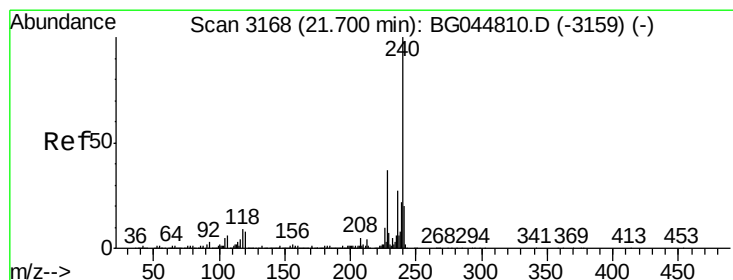
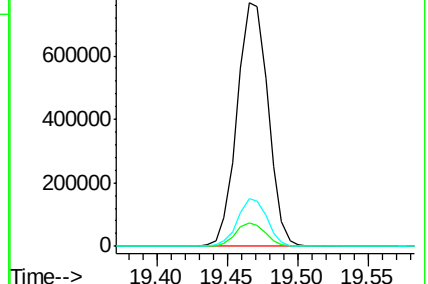
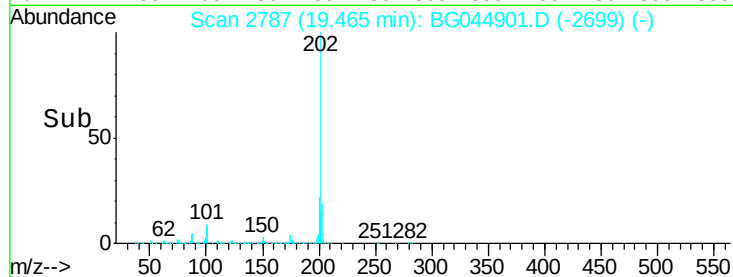
203 19.4 0.0 39.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

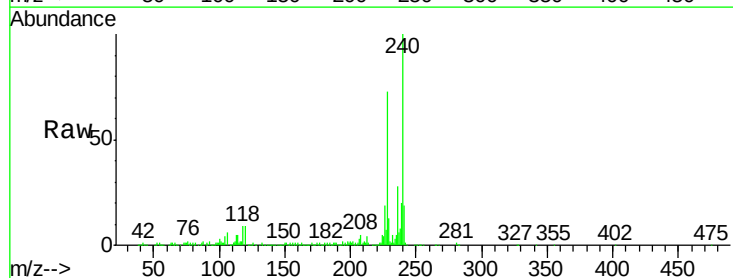
Tgt Ion:240 Resp: 456029

Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

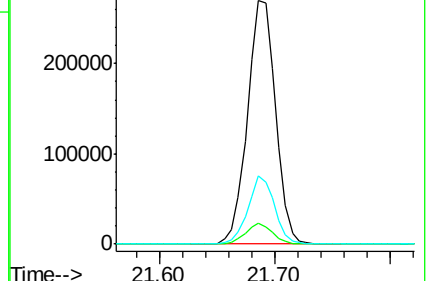
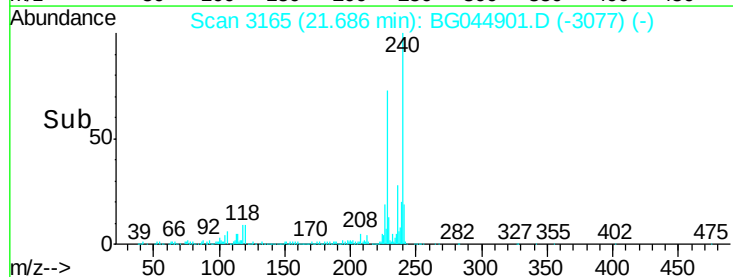
236 27.8 21.5 32.3

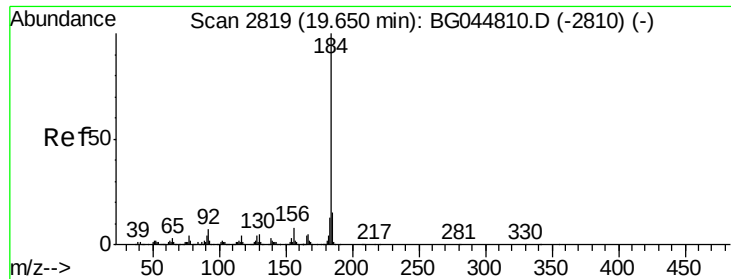


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.44 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

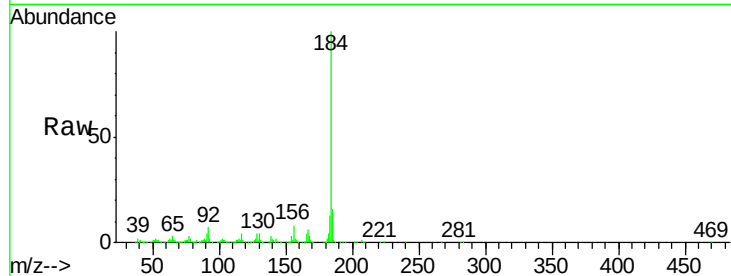
Tgt Ion:184 Resp: 450582

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.4

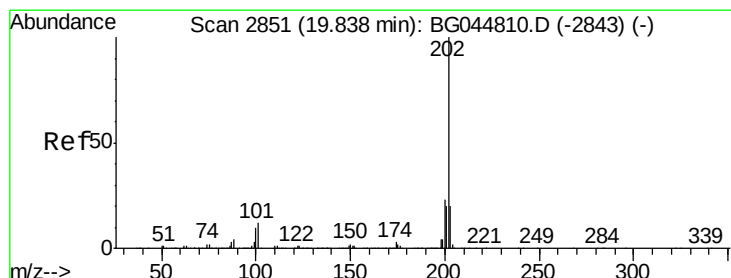
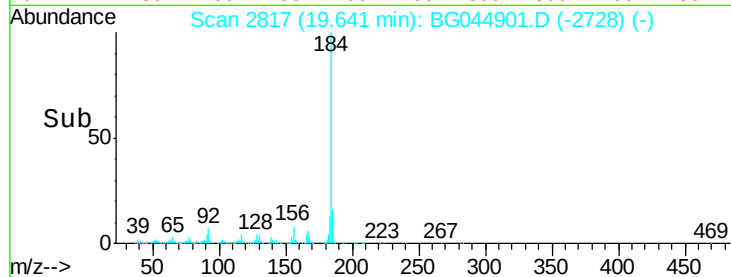
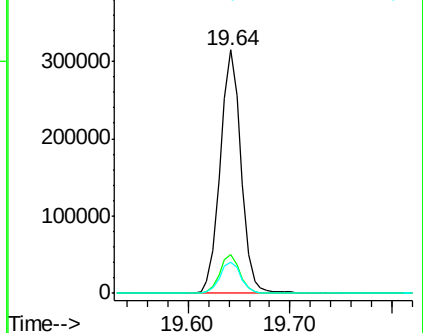
183 13.0 10.7 16.1



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: 35.12 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

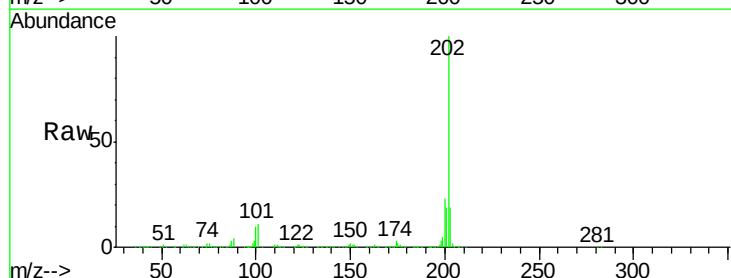
Tgt Ion:202 Resp: 1175062

Ion Ratio Lower Upper

202 100

200 22.5 18.3 27.5

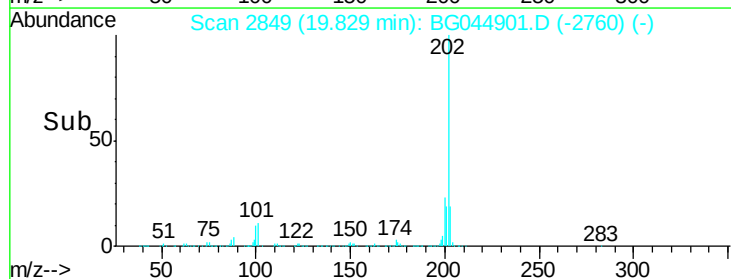
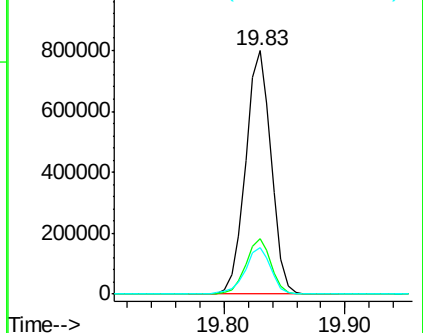
203 19.4 15.6 23.4

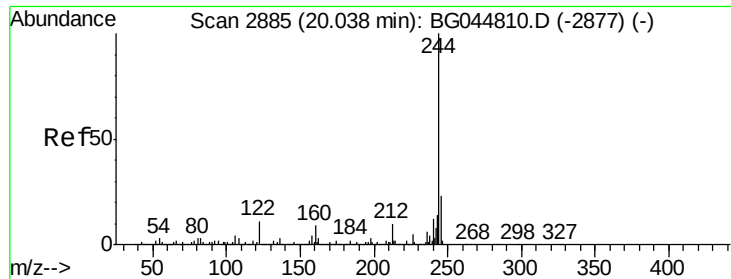


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.44 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

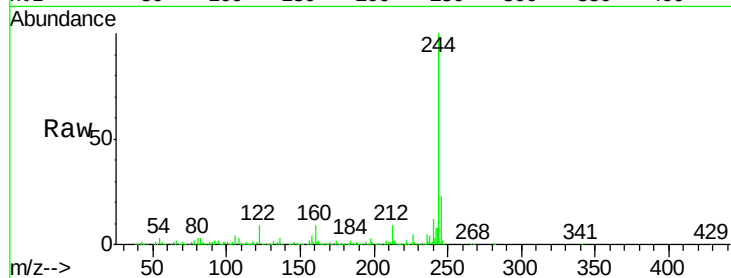
Tgt Ion:244 Resp: 1717346

Ion Ratio Lower Upper

244 100

212 9.1 7.7 11.5

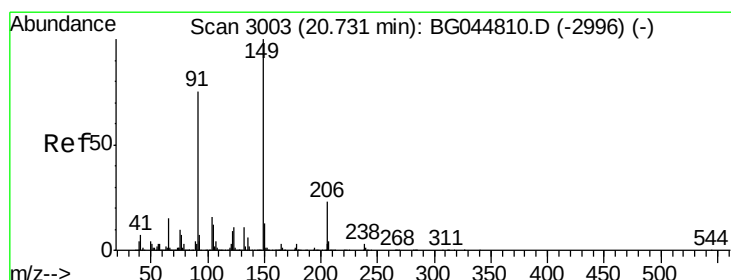
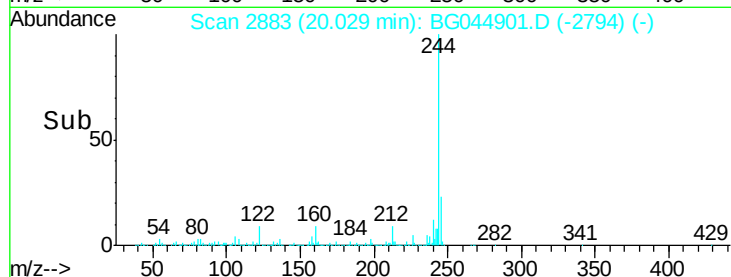
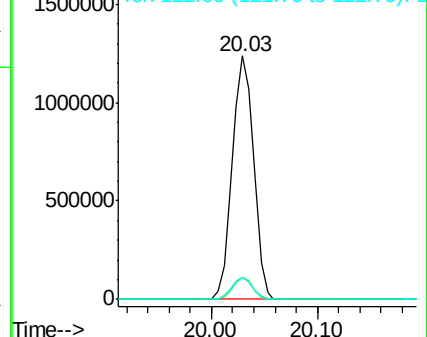
122 9.0 8.6 12.8



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: 33.83 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

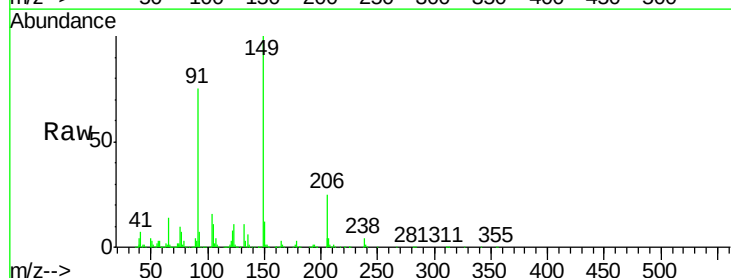
Tgt Ion:149 Resp: 503513

Ion Ratio Lower Upper

149 100

91 75.1 60.2 90.4

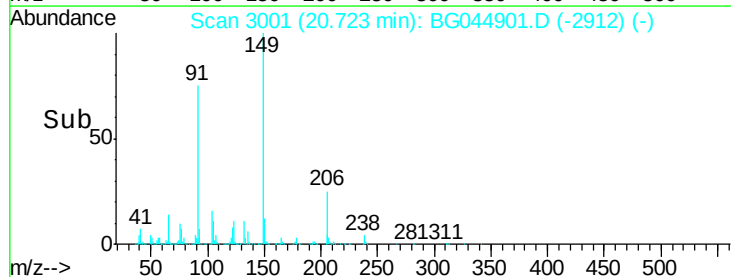
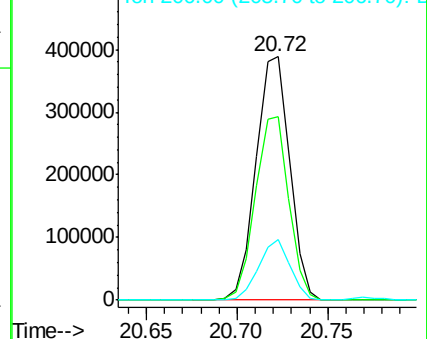
206 25.1 18.6 27.8

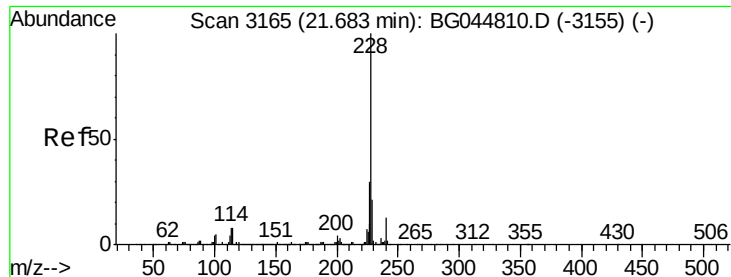


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.69 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

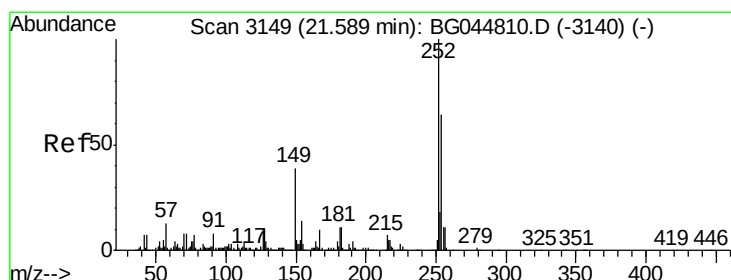
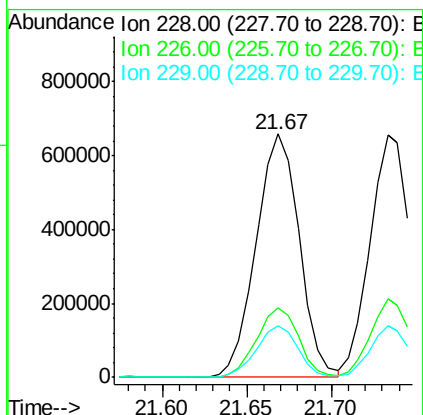
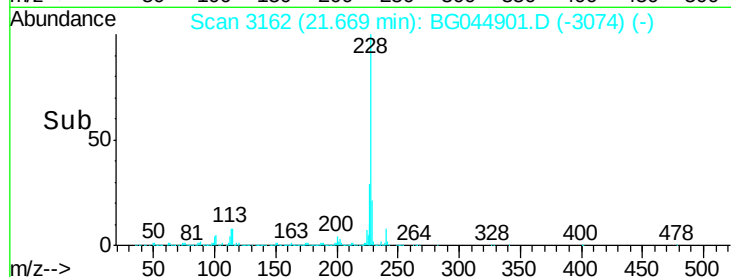
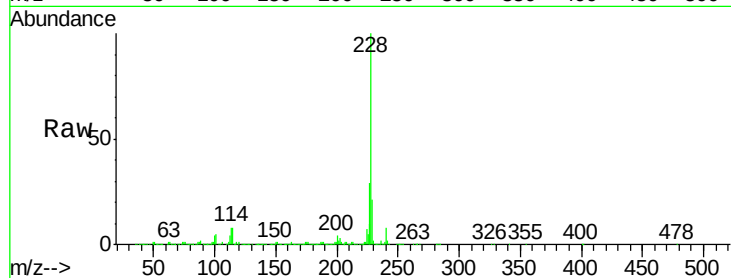
Tgt Ion:228 Resp: 1171837

Ion Ratio Lower Upper

228 100

226 28.7 23.6 35.4

229 21.4 17.1 25.7



#82

3,3'-Dichlorobenzidine

Concen: 20.35 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

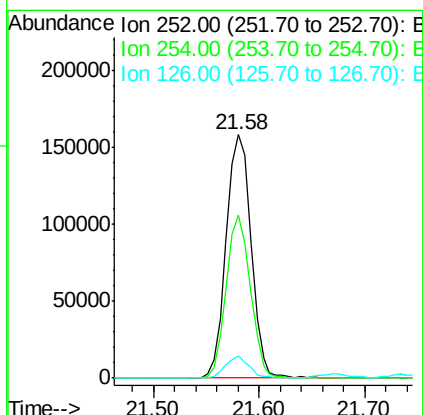
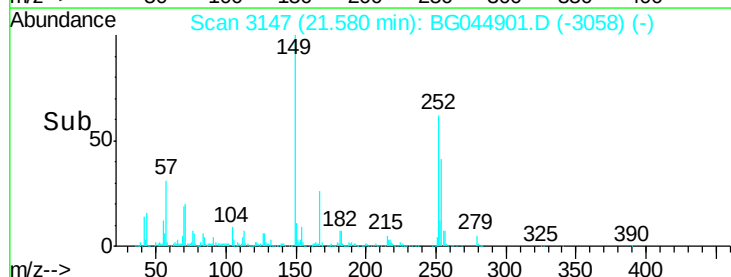
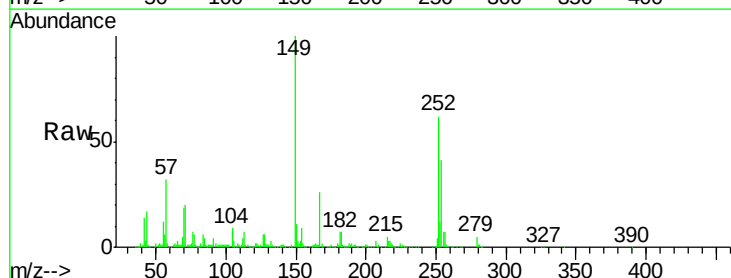
Tgt Ion:252 Resp: 258580

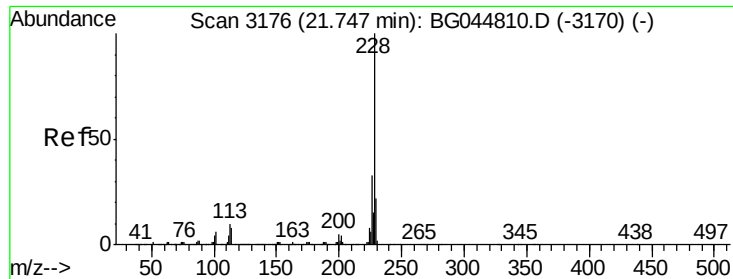
Ion Ratio Lower Upper

252 100

254 66.8 51.6 77.4

126 9.2 7.0 10.6





#83

Chrysene

Concen: 34.56 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

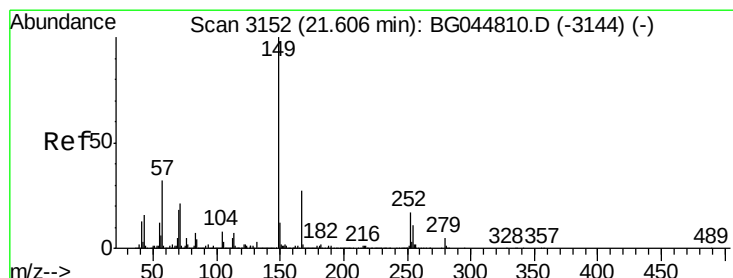
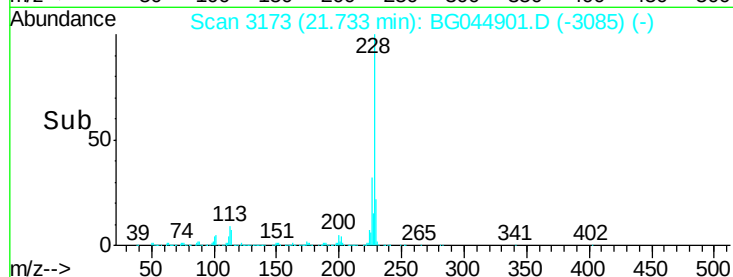
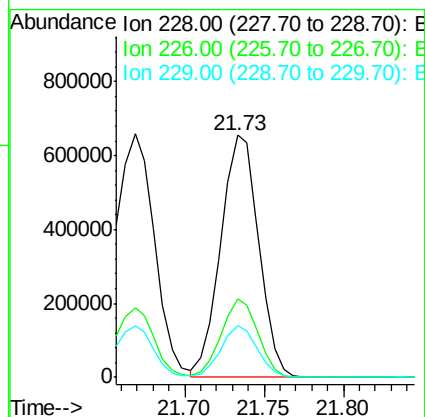
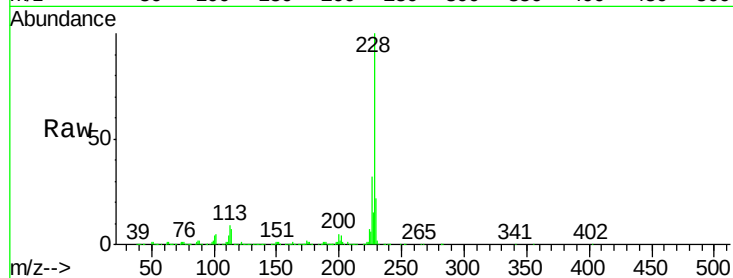
Tgt Ion:228 Resp: 1083913

Ion Ratio Lower Upper

228 100

226 32.3 25.9 38.9

229 21.6 17.4 26.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.77 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

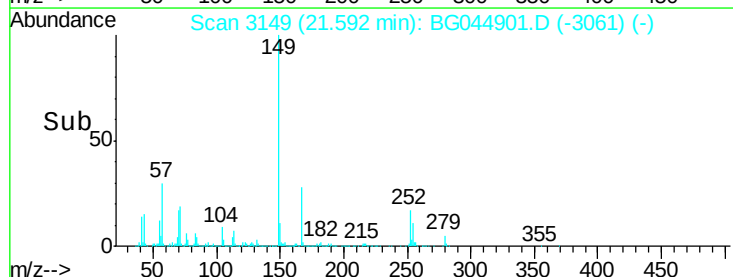
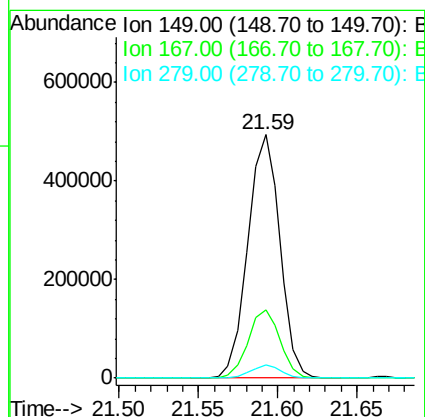
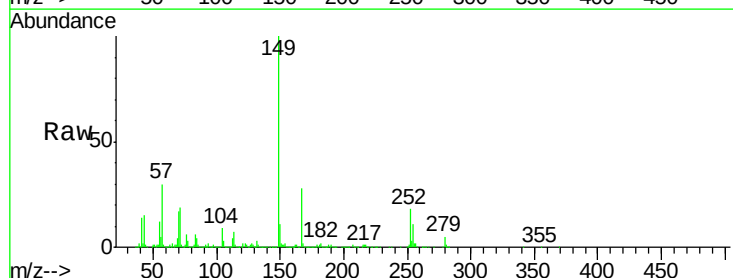
Tgt Ion:149 Resp: 693707

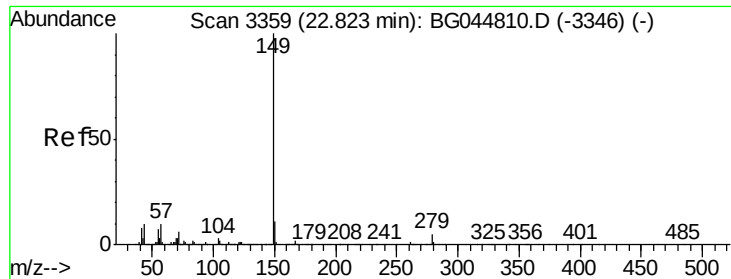
Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.6

279 5.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 34.77 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.02 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

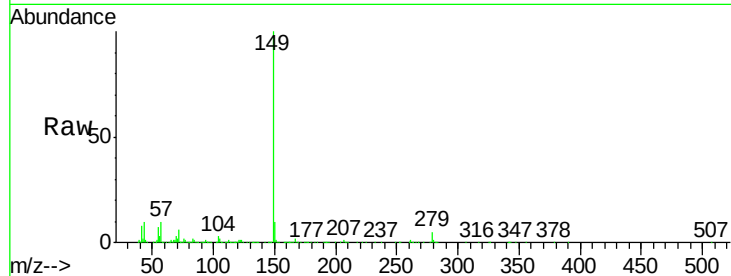
Tgt Ion:149 Resp: 1195119

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

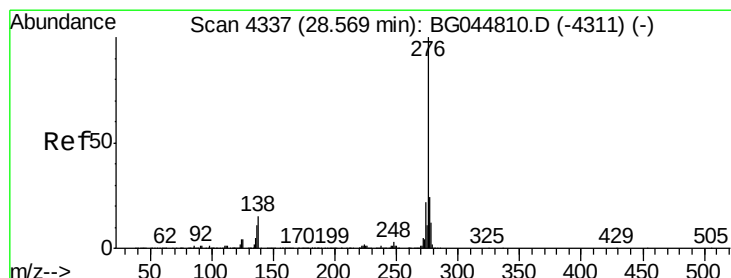
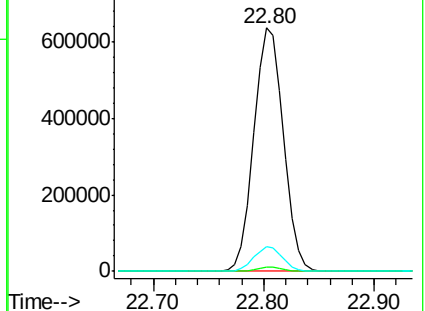
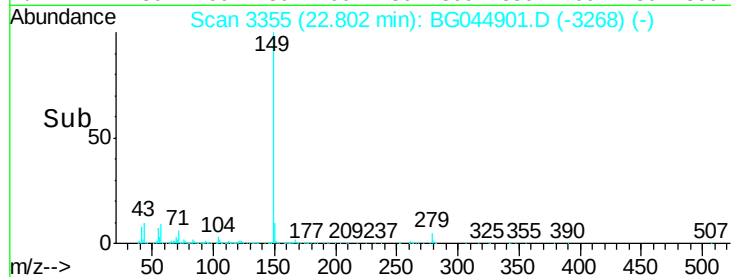
43 9.7 8.2 12.4



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: 35.53 ng

RT: 28.54 min Scan# 4331

Delta R.T. -0.03 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

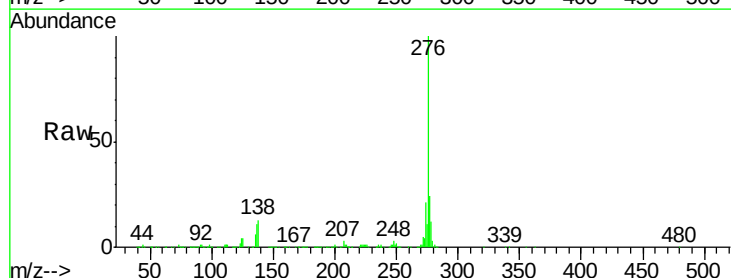
Tgt Ion:276 Resp: 1461037

Ion Ratio Lower Upper

276 100

138 17.1 7.4 11.0#

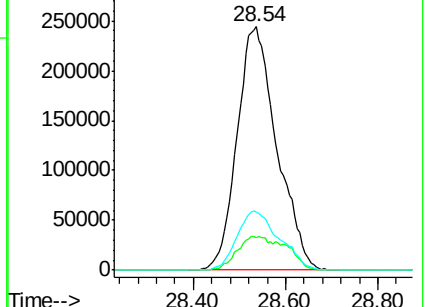
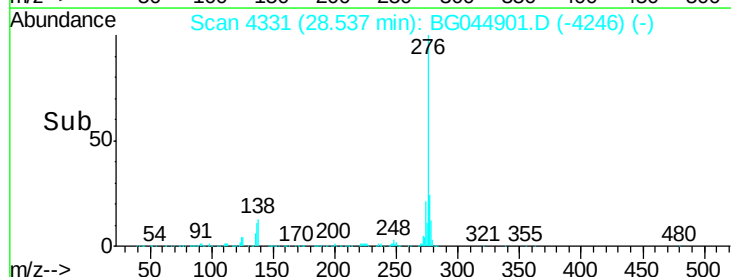
277 25.9 20.8 31.2

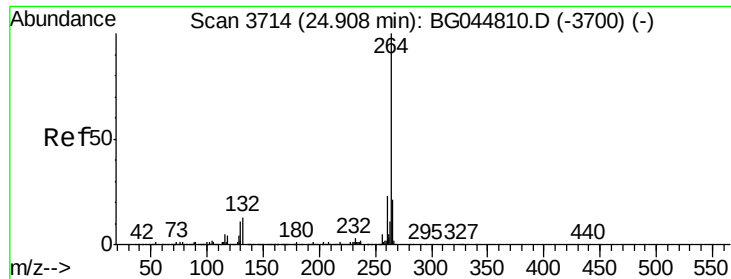


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



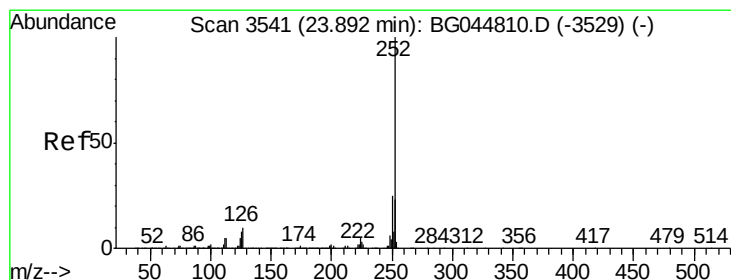
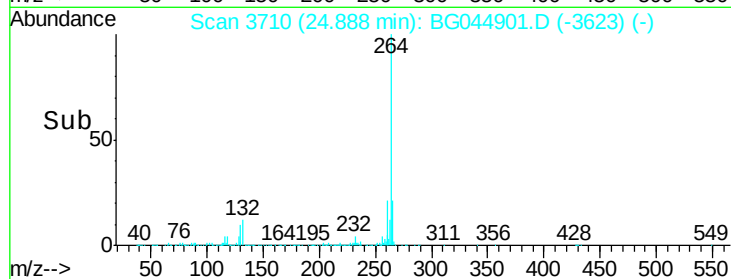
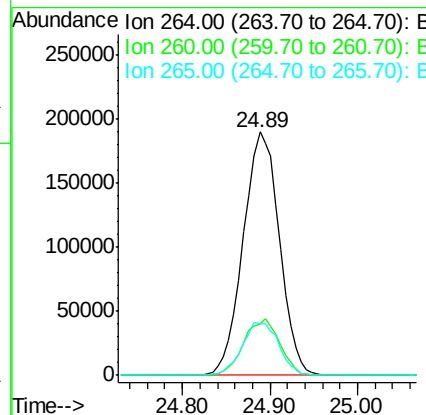
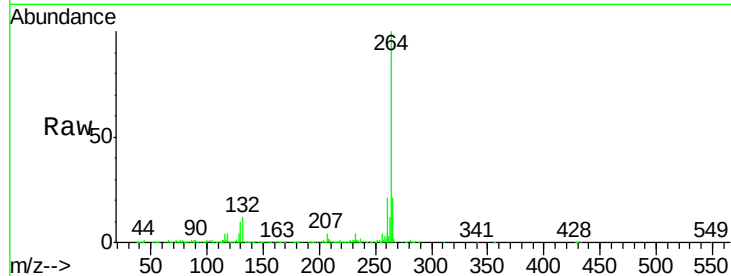


#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Instrument :
BNA_G
ClientSampleId :
PB127682BS

Tgt Ion: 264 Resp: 533278

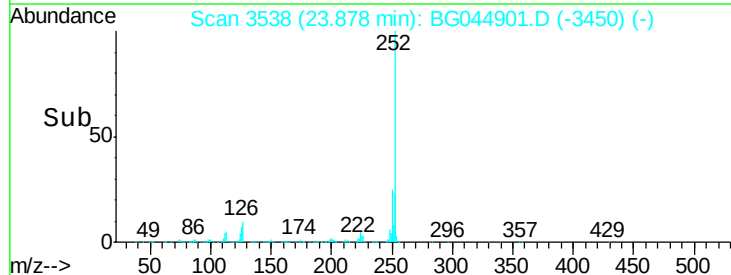
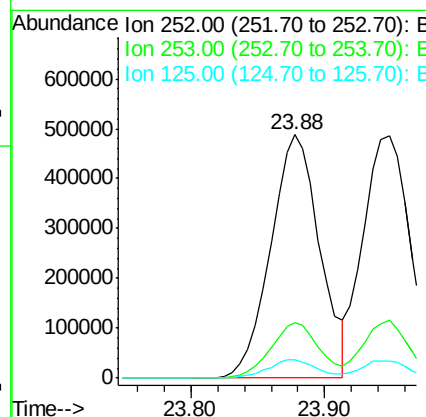
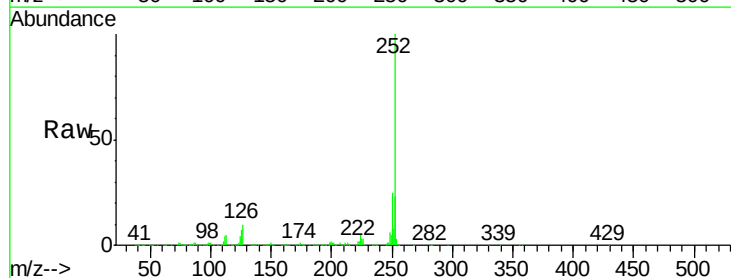
Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.1	27.1
265	21.0	17.1	25.7

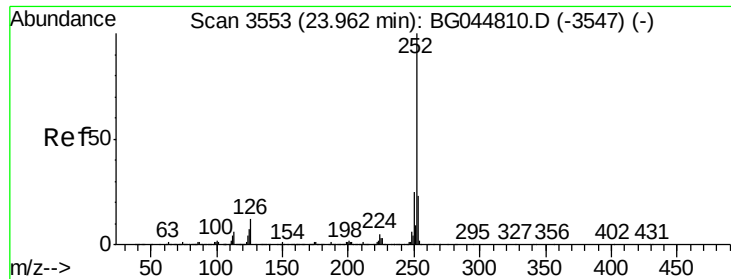


#88
Benzo(b)fluoranthene
Concen: 35.39 ng
RT: 23.88 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG044901.D
Acq: 19 Mar 2020 17:36

Tgt Ion: 252 Resp: 1245966

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	7.4	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 35.26 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

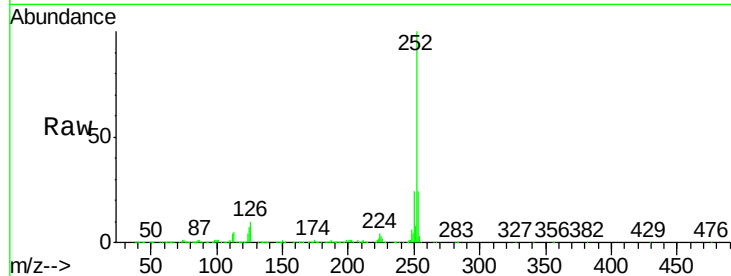
Tgt Ion:252 Resp: 1174728

Ion Ratio Lower Upper

252 100

253 23.8 18.5 27.7

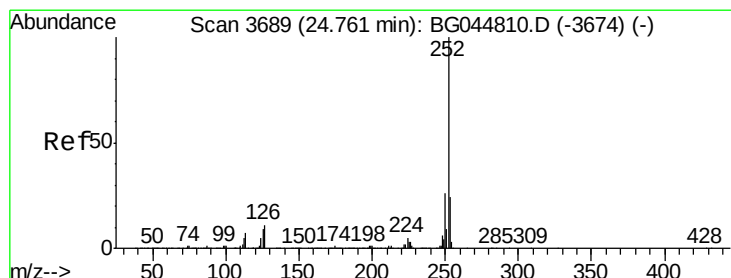
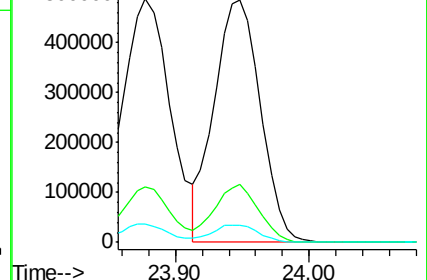
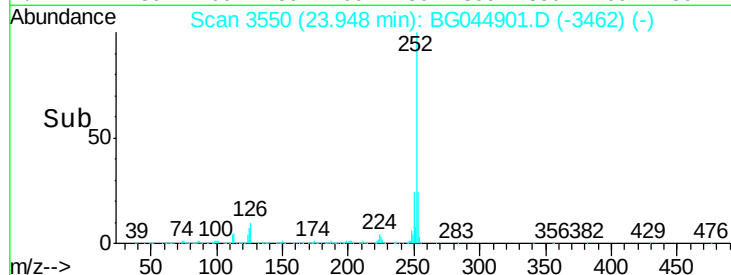
125 6.9 6.2 9.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.34 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

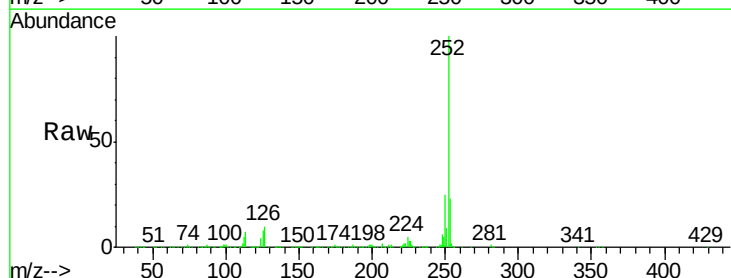
Tgt Ion:252 Resp: 1131344

Ion Ratio Lower Upper

252 100

253 23.0 19.4 29.0

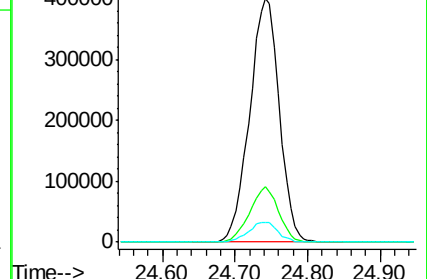
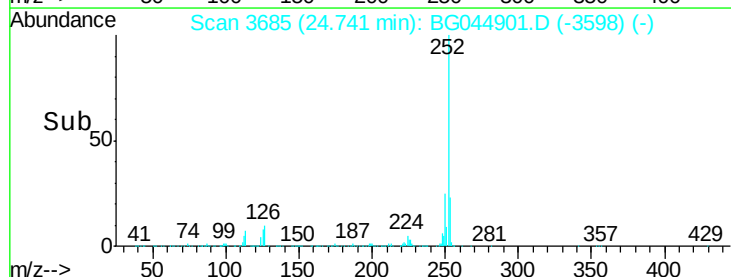
125 7.9 7.2 10.8

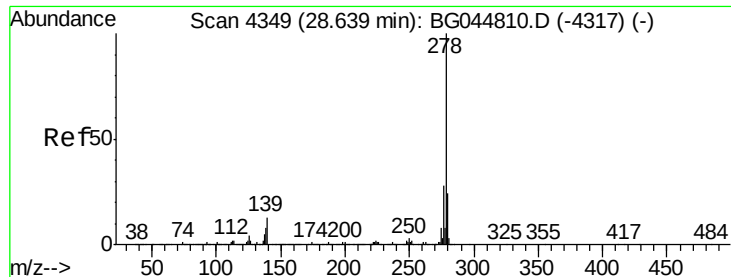


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.33 ng

RT: 28.60 min Scan# 4342

Delta R.T. -0.04 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

Instrument :

BNA_G

ClientSampleId :

PB127682BS

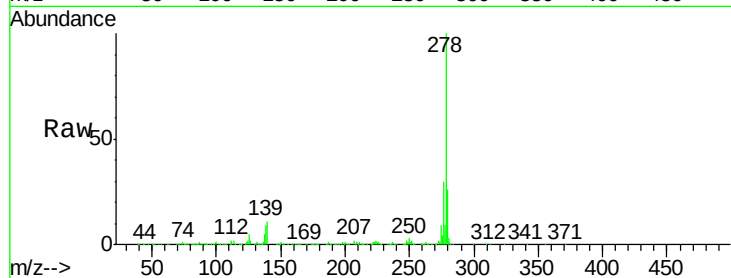
Tgt Ion:278 Resp: 1180686

Ion Ratio Lower Upper

278 100

139 11.0 10.2 15.2

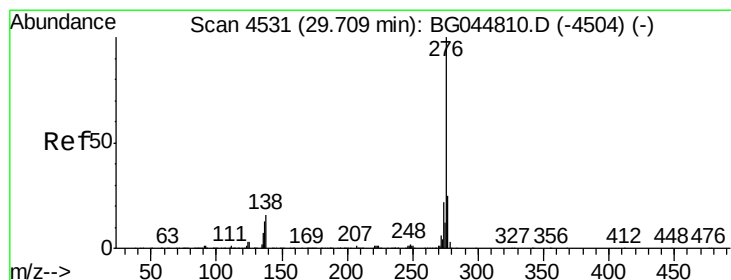
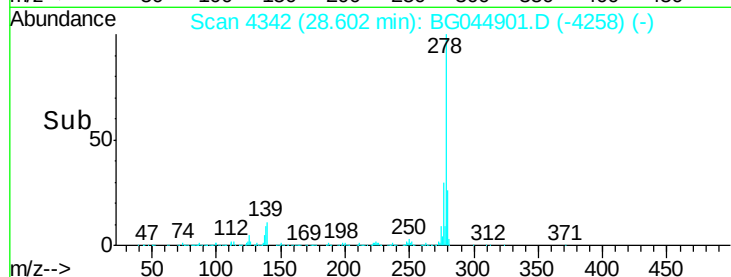
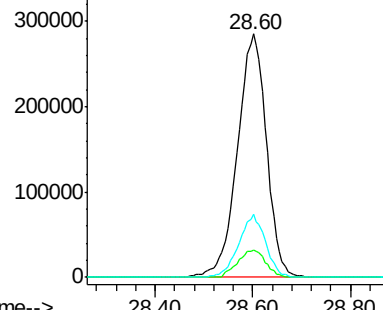
279 25.7 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.65 ng

RT: 29.67 min Scan# 4523

Delta R.T. -0.04 min

Lab File: BG044901.D

Acq: 19 Mar 2020 17:36

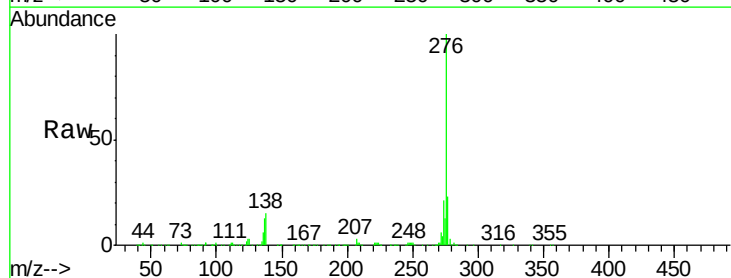
Tgt Ion:276 Resp: 1203368

Ion Ratio Lower Upper

276 100

277 23.1 20.1 30.1

138 14.7 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

