

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
 Data File : BG044941.D
 Acq On : 24 Mar 2020 22:05
 Operator : CG/JU
 Sample : PB127786BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

Quant Time: Mar 25 02:37:48 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 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82231	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	320433	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	214470	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	484268	20.00	ng	0.00
76) Chrysene-d12	21.69	240	461723	20.00	ng	-0.01
87) Perylene-d12	24.89	264	517371	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	743189	140.69	ng	0.00
7) Phenol-d6	7.20	99	1007481	131.27	ng	0.00
23) Nitrobenzene-d5	9.20	82	641549	87.86	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	424424	151.14	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1367354	91.30	ng	0.00
79) Terphenyl-d14	20.03	244	2216180	89.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	91027	35.78	ng	96
3) Pyridine	3.91	79	262385	34.84	ng	96
4) n-Nitrosodimethylamine	3.82	42	127724	44.70	ng	# 100
6) Aniline	7.36	93	348535	36.50	ng	94
8) 2-Chlorophenol	7.61	128	276687	52.47	ng	97
9) Benzaldehyde	7.17	77	210533	47.45	ng	93
10) Phenol	7.23	94	365255	48.07	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	254371	41.95	ng	96
12) 1,3-Dichlorobenzene	7.93	146	288811	44.46	ng	99
13) 1,4-Dichlorobenzene	8.08	146	289581	45.09	ng	98
14) 1,2-Dichlorobenzene	8.40	146	272835	44.80	ng	97
15) Benzyl Alcohol	8.28	79	273543	44.42	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	384033	35.89	ng	97
17) 2-Methylphenol	8.48	107	247660	48.12	ng	96
18) Hexachloroethane	9.13	117	111225	43.99	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	220275	40.65	ng	98
20) 3+4-Methylphenols	8.81	107	338801	47.75	ng	96
22) Acetophenone	8.86	105	403583	44.46	ng	99
24) Nitrobenzene	9.24	77	338711	44.70	ng	99
25) Isophorone	9.77	82	612006	42.94	ng	# 97
26) 2-Nitrophenol	9.96	139	146789	54.91	ng	97
27) 2,4-Dimethylphenol	10.02	122	247729	53.38	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	351667	41.35	ng	99
29) 2,4-Dichlorophenol	10.49	162	273644	50.48	ng	93
30) 1,2,4-Trichlorobenzene	10.72	180	298565	46.06	ng	97
31) Naphthalene	10.90	128	803969	45.29	ng	99
32) Benzoic acid	10.16	122	143783	41.43	ng	96
33) 4-Chloroaniline	11.00	127	181705	22.72	ng	99
34) Hexachlorobutadiene	11.20	225	193567	45.41	ng	99
35) Caprolactam	11.77	113	47978	23.38	ng	92
36) 4-Chloro-3-methylphenol	12.13	107	308739	47.75	ng	97
37) 2-Methylnaphthalene	12.50	142	606765	45.70	ng	96
38) 1-Methylnaphthalene	12.72	142	579414	46.42	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	319231	45.20	ng	98

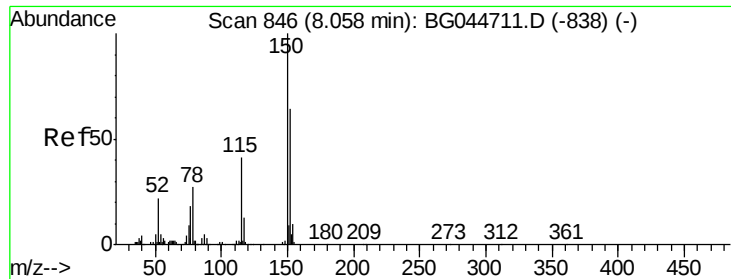
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	451833	117.05	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	239223	51.03	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	252320	51.90	ng	96
46) 1,1'-Biphenyl	13.51	154	761441	44.43	ng	97
47) 2-Chloronaphthalene	13.55	162	588892	44.98	ng	98
48) 2-Nitroaniline	13.74	65	212311	46.32	ng	97
49) Acenaphthylene	14.39	152	948221	46.23	ng	98
50) Dimethylphthalate	14.13	163	774027	45.31	ng	98
51) 2,6-Dinitrotoluene	14.24	165	178361	51.80	ng	96
52) Acenaphthene	14.74	154	699999	52.11	ng	100
53) 3-Nitroaniline	14.57	138	118849	30.02	ng	98
54) 2,4-Dinitrophenol	14.78	184	191137	103.50	ng	97
55) Dibenzofuran	15.08	168	917338	47.09	ng	98
56) 4-Nitrophenol	14.88	139	302019	99.97	ng	97
57) 2,4-Dinitrotoluene	15.03	165	248877	52.70	ng	100
58) Fluorene	15.72	166	758465	47.33	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	235985	52.73	ng	95
60) Diethylphthalate	15.49	149	791689	44.44	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	407223	47.20	ng	99
62) 4-Nitroaniline	15.73	138	180809	42.84	ng	94
63) Azobenzene	16.01	77	792281	42.82	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	146945	61.83	ng	94
66) n-Nitrosodiphenylamine	15.93	169	677794	46.49	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	287619	47.51	ng	100
68) Hexachlorobenzene	16.73	284	309065	47.06	ng	99
69) Atrazine	16.88	200	277676	51.98	ng	98
70) Pentachlorophenol	17.07	266	375411	103.88	ng	98
71) Phenanthrene	17.46	178	1206661	46.63	ng	99
72) Anthracene	17.55	178	1231633	48.27	ng	98
73) Carbazole	17.82	167	1160983	47.36	ng	98
74) Di-n-butylphthalate	18.38	149	1369163	45.95	ng	99
75) Fluoranthene	19.47	202	1505412	48.86	ng	99
77) Benzidine	19.64	184	760681	50.75	ng	100
78) Pyrene	19.83	202	1487298	43.91	ng	99
80) Butylbenzylphthalate	20.72	149	640134	42.48	ng	100
81) Benzo(a)anthracene	21.67	228	1467321	44.13	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	403793	31.39	ng	100
83) Chrysene	21.74	228	1409727	44.39	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	885788	42.59	ng	99
85) Di-n-octyl phthalate	22.80	149	1511477	43.43	ng	98
86) Indeno(1,2,3-cd)pyrene	28.53	276	1911085	45.90	ng	# 97
88) Benzo(b)fluoranthene	23.88	252	1623898	47.54	ng	99
89) Benzo(k)fluoranthene	23.95	252	1540696	47.67	ng	98
90) Benzo(a)pyrene	24.75	252	1499163	46.91	ng	97
91) Dibenzo(a,h)anthracene	28.61	278	1541114	48.88	ng	98
92) Benzo(g,h,i)perylene	29.68	276	1551228	48.70	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

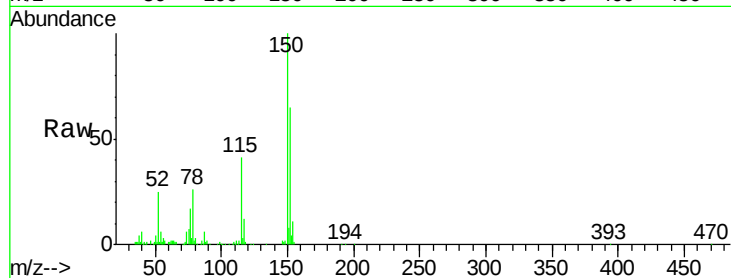
Tgt Ion:152 Resp: 82231

Ion Ratio Lower Upper

152 100

150 153.5 128.8 193.2

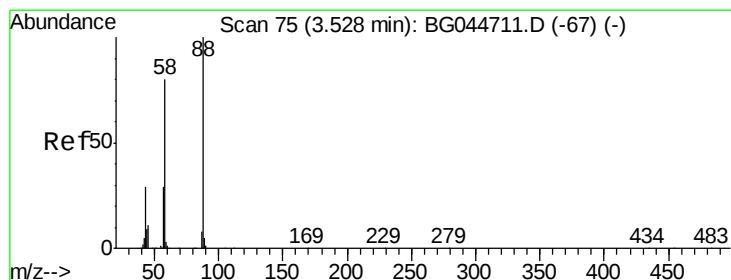
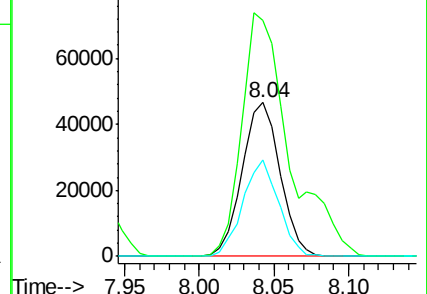
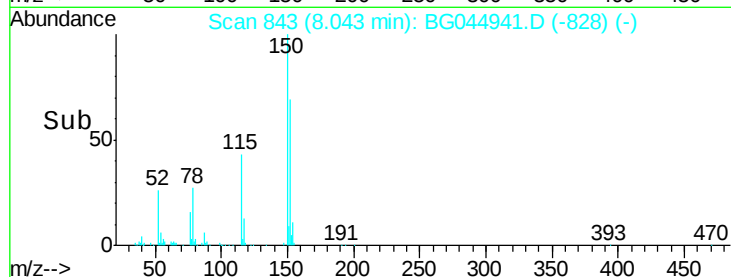
115 62.7 52.6 79.0



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



#2

1,4-Dioxane

Concen: 35.78 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

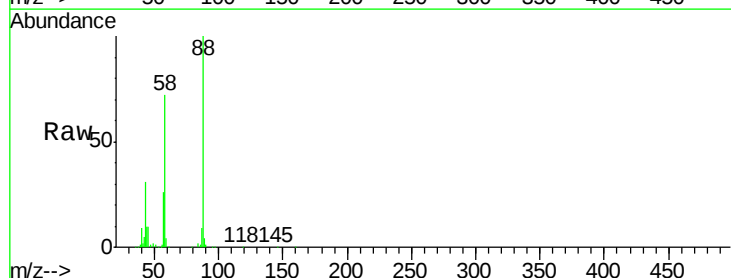
Tgt Ion: 88 Resp: 91027

Ion Ratio Lower Upper

88 100

58 74.6 63.0 94.4

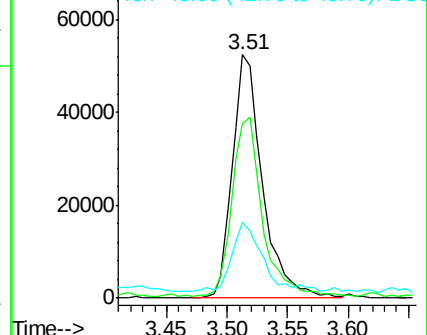
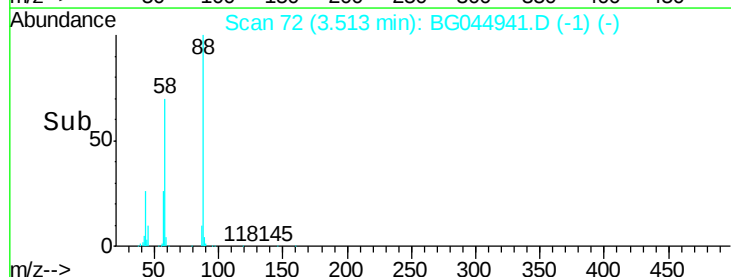
43 28.8 24.8 37.2

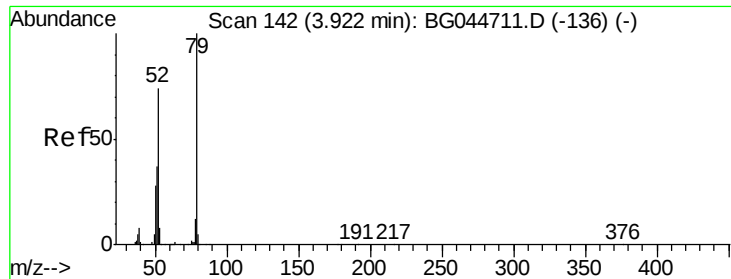


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.84 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

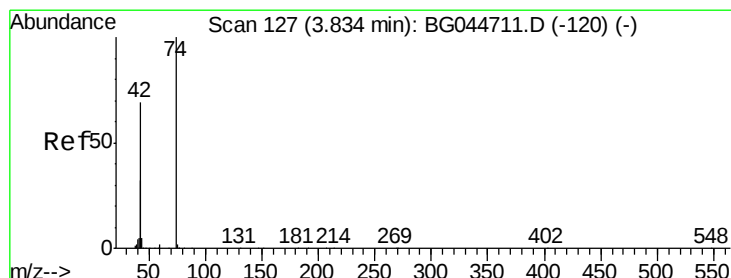
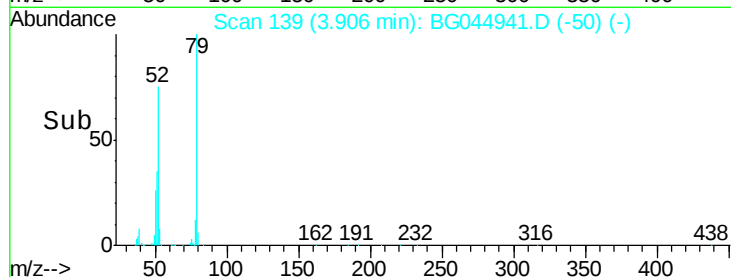
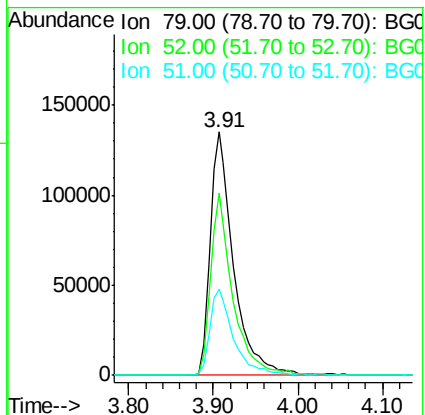
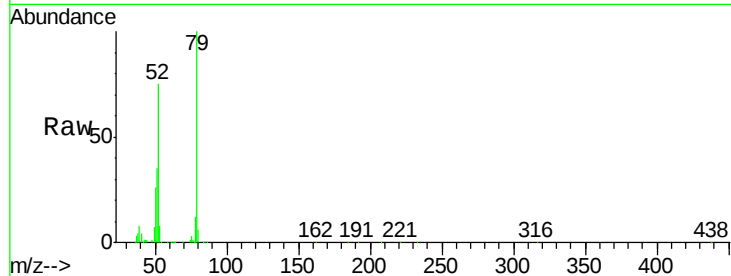
Tgt Ion: 79 Resp: 262385

Ion Ratio Lower Upper

79 100

52 74.8 56.3 84.5

51 35.2 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 44.70 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

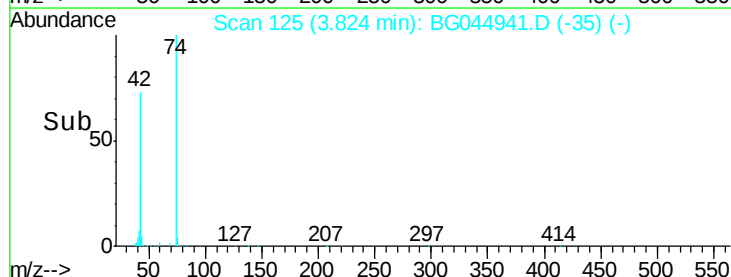
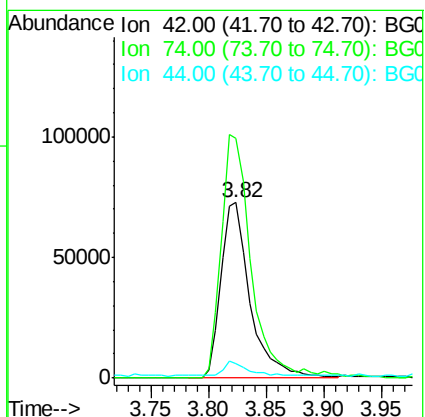
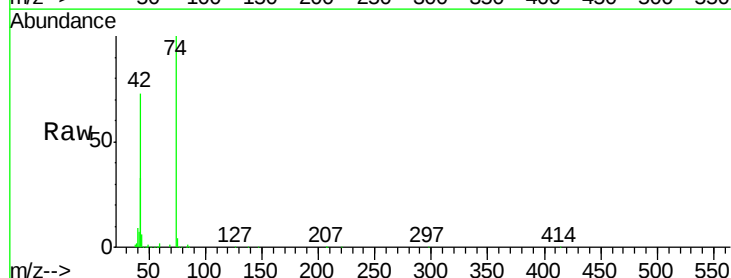
Tgt Ion: 42 Resp: 127724

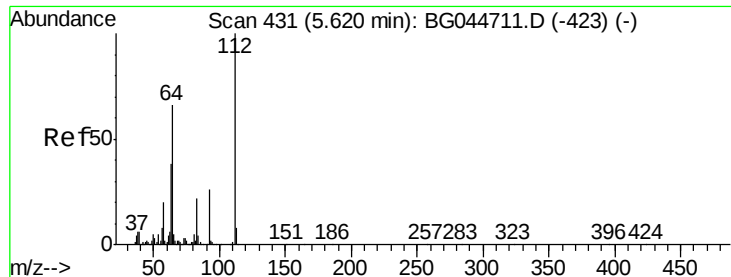
Ion Ratio Lower Upper

42 100

74 136.6 109.1 163.7

44 8.5 5.4 8.2#





#5

2-Fluorophenol

Concen: 140.69 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

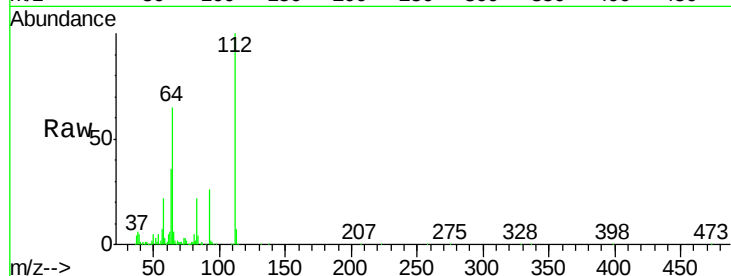
Tgt Ion: 112 Resp: 743189

Ion Ratio Lower Upper

112 100

64 64.9 53.4 80.2

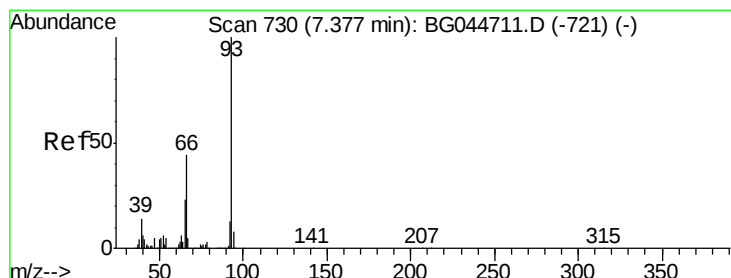
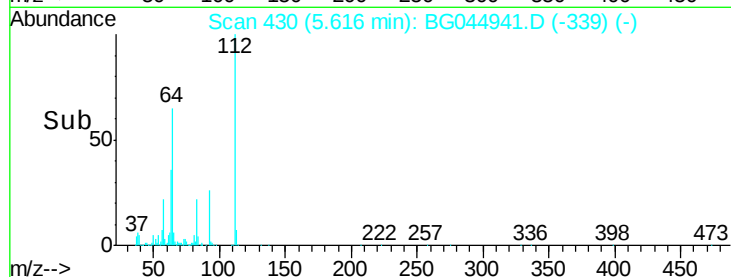
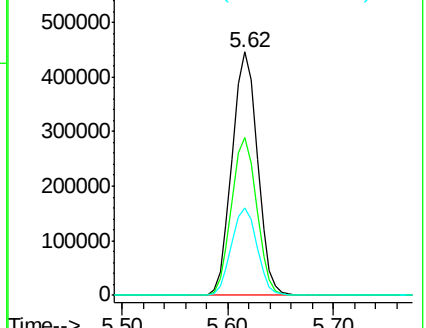
63 35.8 29.4 44.2



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: 36.50 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

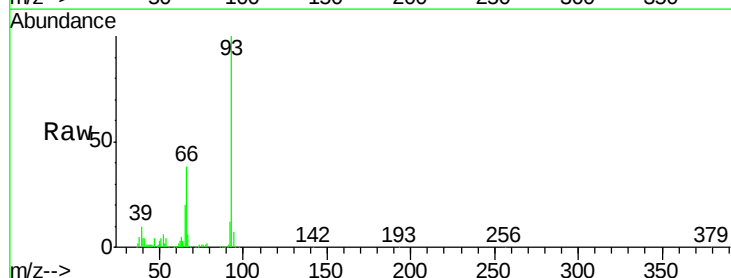
Tgt Ion: 93 Resp: 348535

Ion Ratio Lower Upper

93 100

66 37.7 33.7 50.5

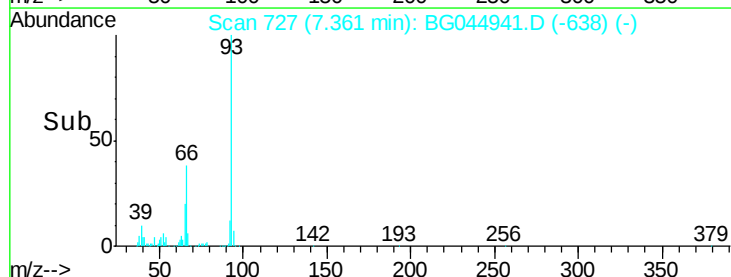
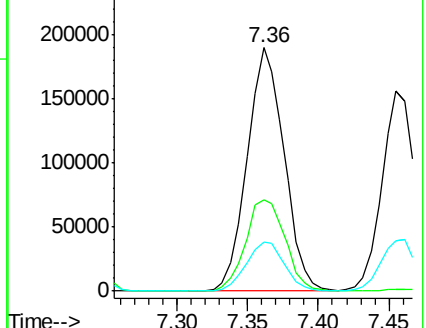
65 20.2 17.7 26.5

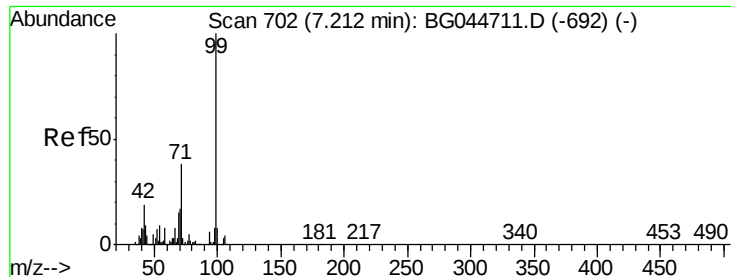


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.27 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

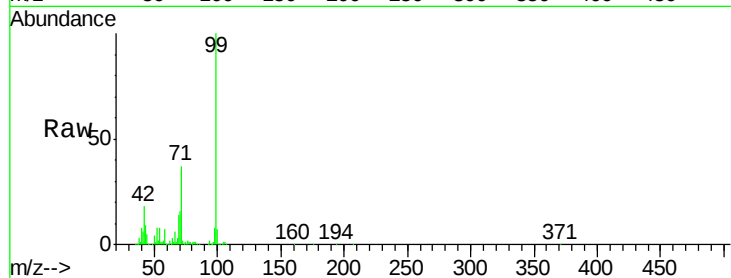
BNA_G

ClientSampleId :

PB127786BS

Tgt Ion: 99 Resp: 1007481

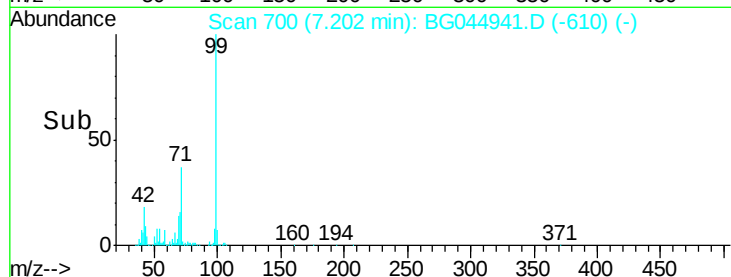
Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.6	19.0
71	37.5	29.0	43.4



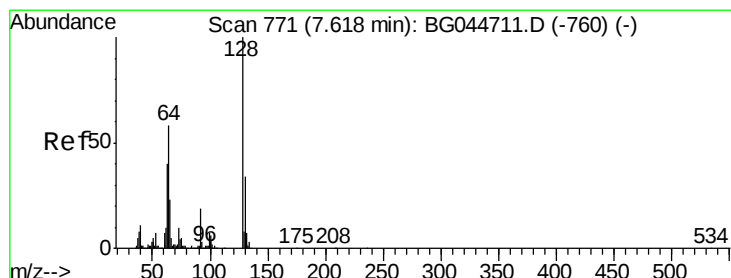
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 52.47 ng

RT: 7.61 min Scan# 769

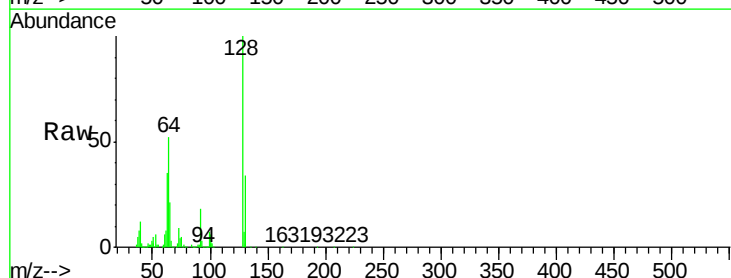
Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion: 128 Resp: 276687

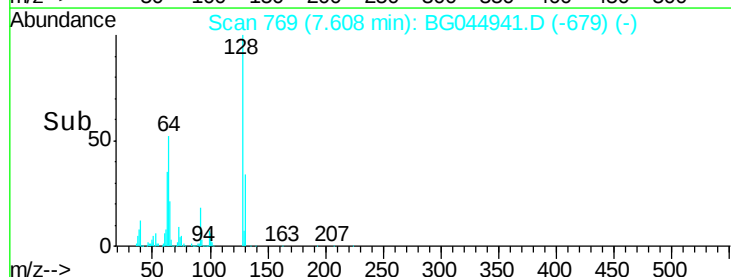
Ion	Ratio	Lower	Upper
128	100		
130	33.8	11.6	51.6
64	52.4	34.5	74.5



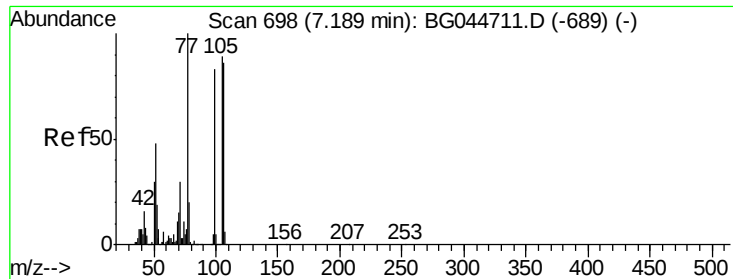
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 47.45 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

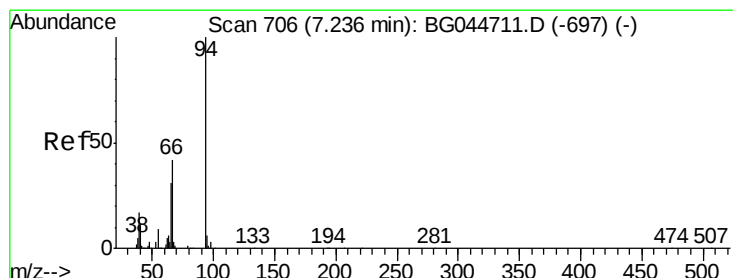
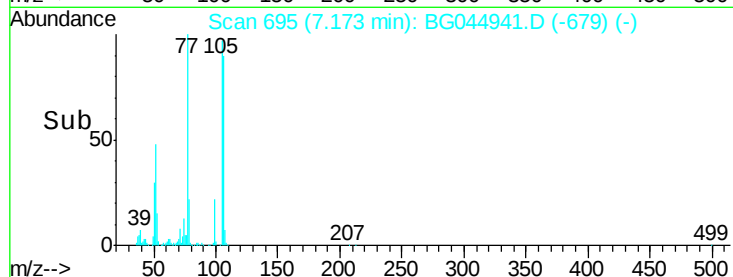
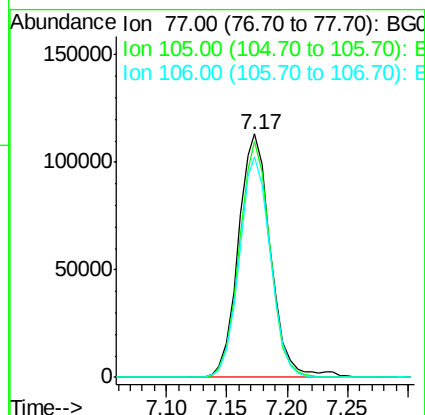
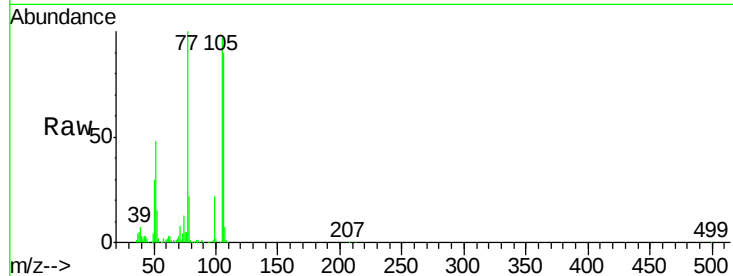
Tgt Ion: 77 Resp: 210533

Ion Ratio Lower Upper

77 100

105 97.0 69.3 109.3

106 90.4 64.5 104.5



#10

Phenol

Concen: 48.07 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

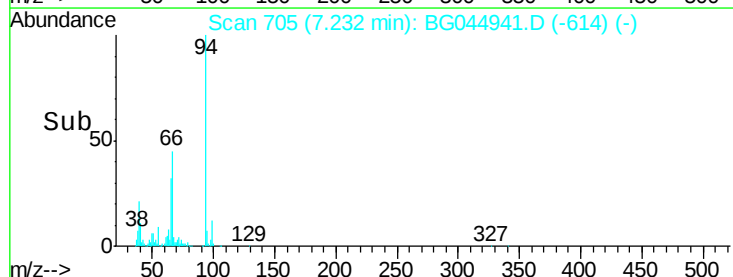
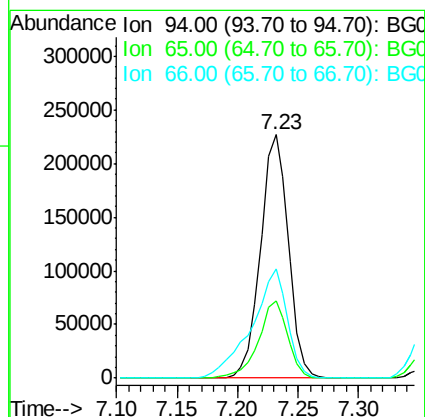
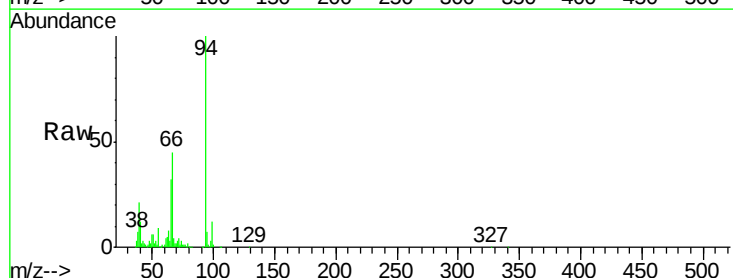
Tgt Ion: 94 Resp: 365255

Ion Ratio Lower Upper

94 100

65 31.7 11.0 51.0

66 45.1 20.1 60.1

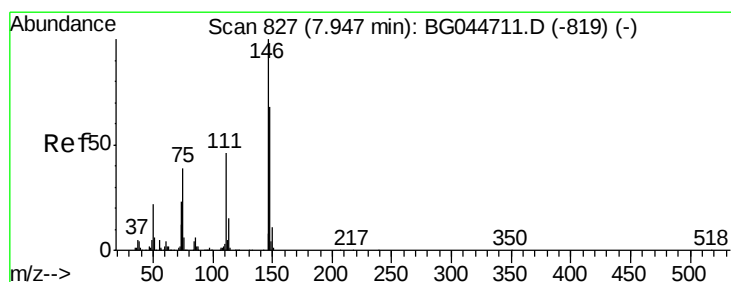
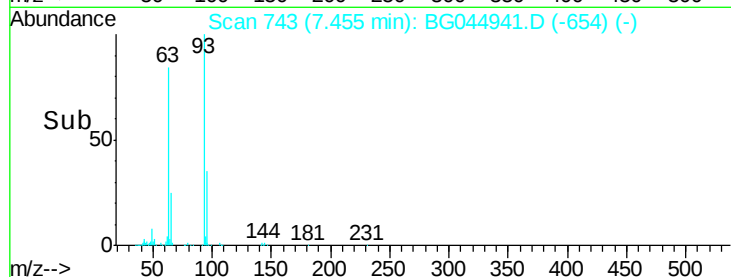
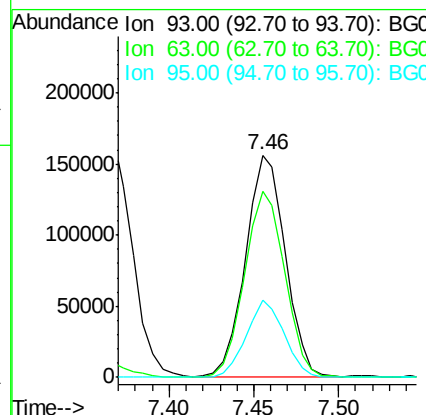
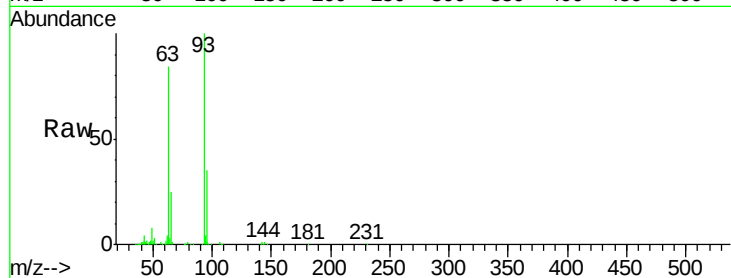




#11
bis(2-Chloroethyl)ether
Concen: 41.95 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

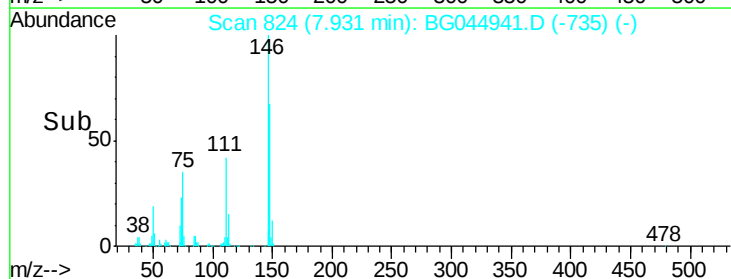
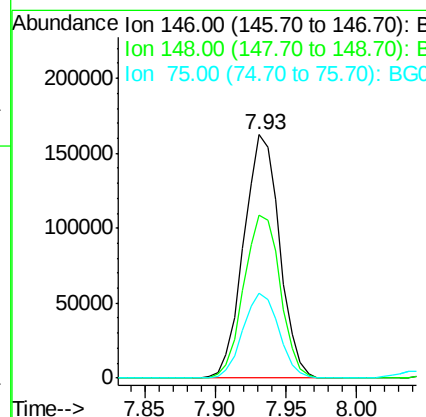
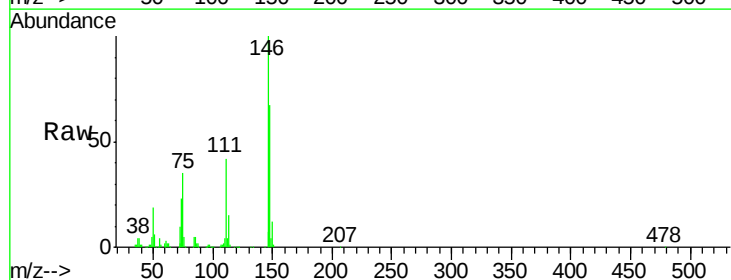
Instrument :
BNA_G
ClientSampleId :
PB127786BS

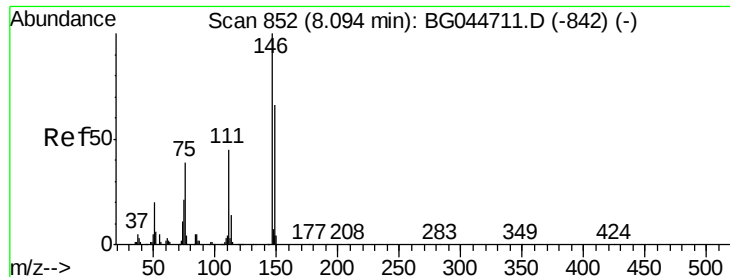
Tgt Ion: 93 Resp: 254371
Ion Ratio Lower Upper
93 100
63 83.6 59.7 99.7
95 34.9 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 44.46 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion: 146 Resp: 288811
Ion Ratio Lower Upper
146 100
148 66.7 54.2 81.4
75 35.1 28.6 42.8

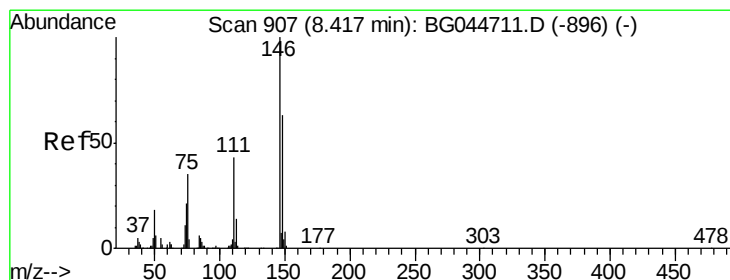
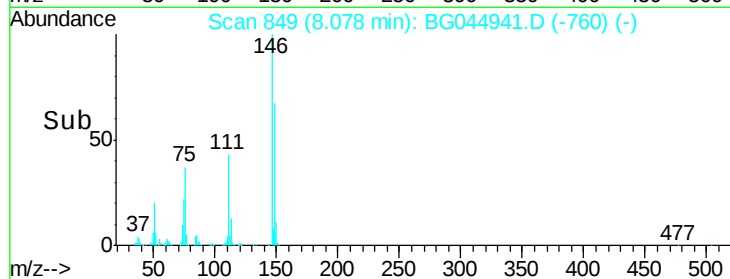
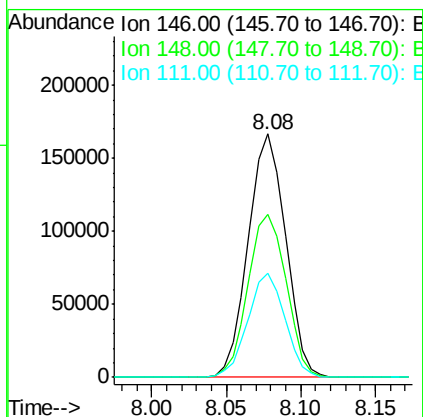
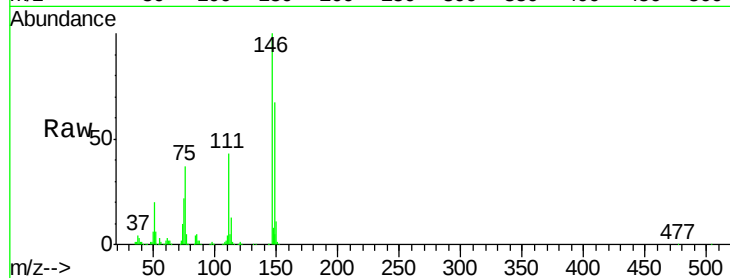




#13
 1,4-Dichlorobenzene
 Concen: 45.09 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

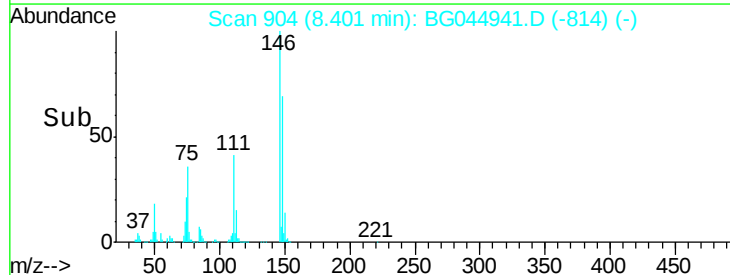
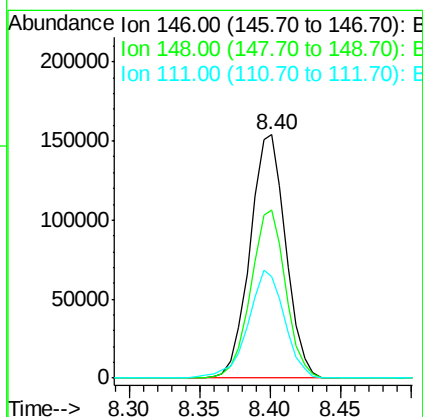
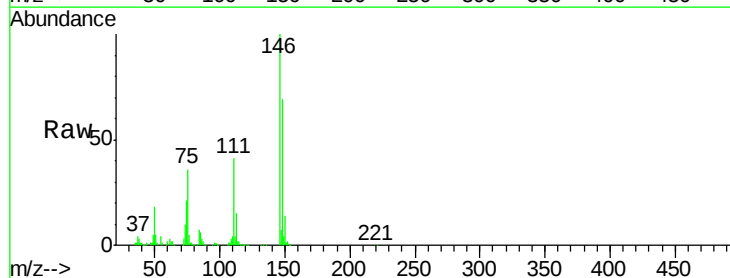
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

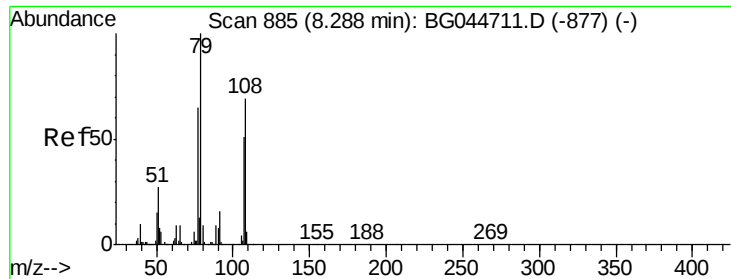
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.8	80.6
111	42.8	32.0	48.0



#14
 1,2-Dichlorobenzene
 Concen: 44.80 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	52.1	78.1
111	41.5	33.4	50.2





#15

Benzyl Alcohol

Concen: 44.42 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

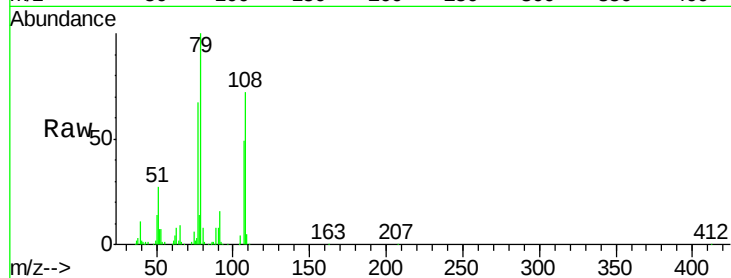
Tgt Ion: 79 Resp: 273543

Ion Ratio Lower Upper

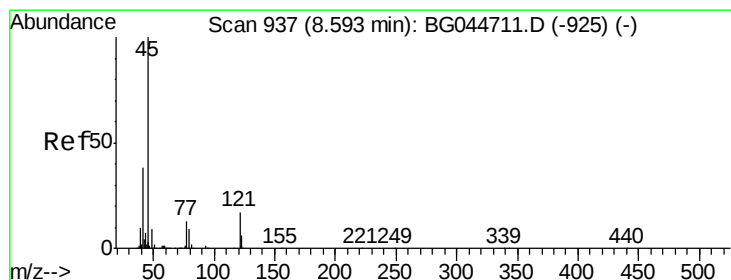
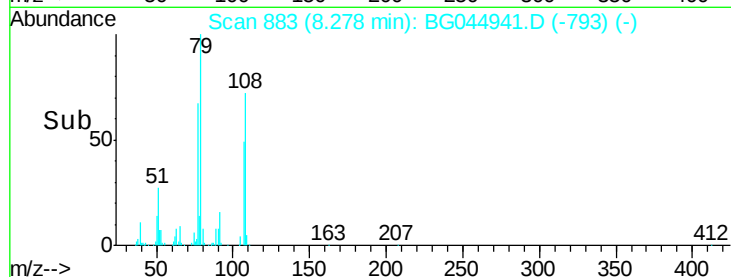
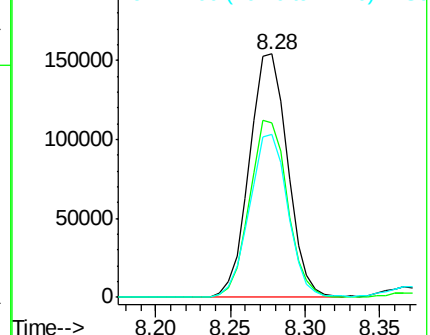
79 100

108 71.8 53.8 80.8

77 66.8 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: 35.89 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

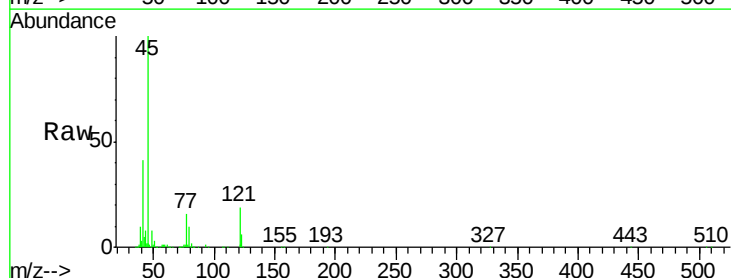
Tgt Ion: 45 Resp: 384033

Ion Ratio Lower Upper

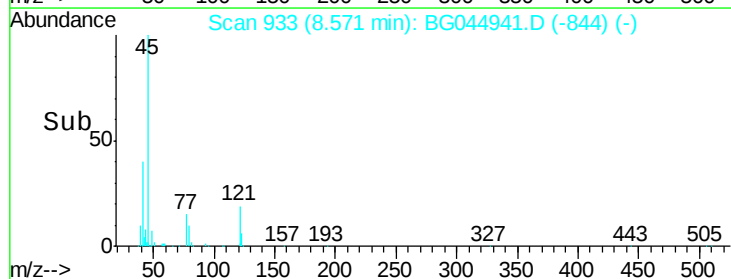
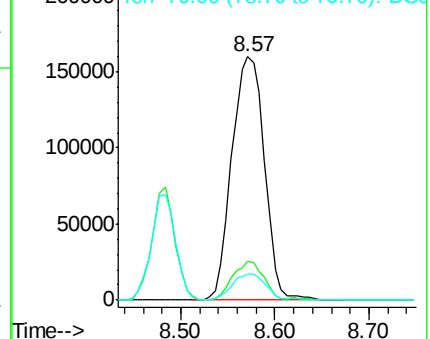
45 100

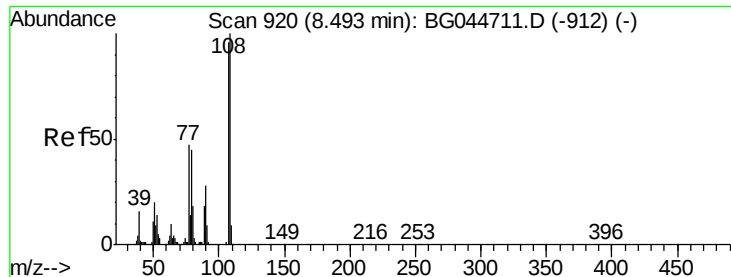
77 15.7 0.0 33.9

79 10.5 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: 48.12 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

Tgt Ion:107 Resp: 247660

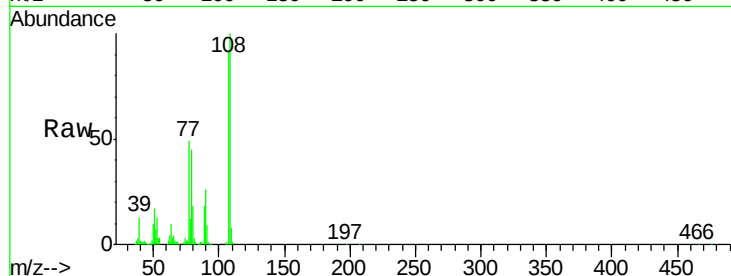
Ion Ratio Lower Upper

107 100

108 108.4 91.8 137.8

77 52.7 40.0 60.0

79 49.0 40.2 60.2

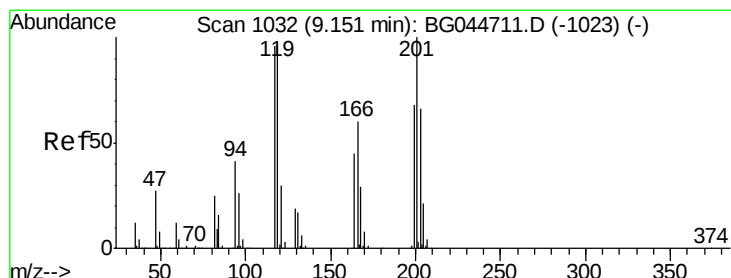
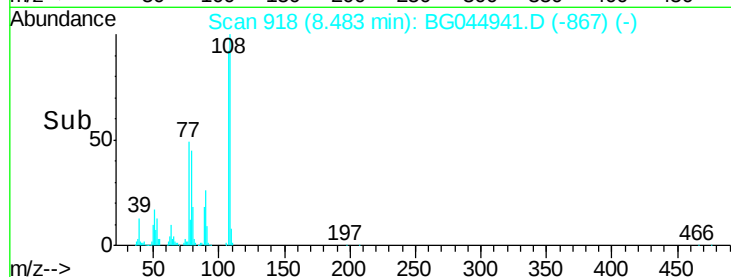
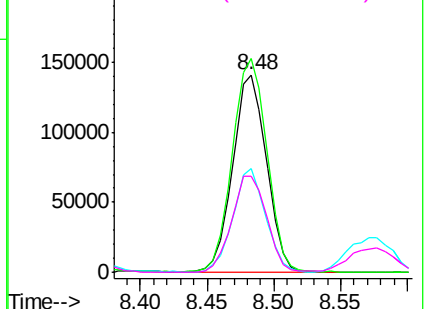


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.99 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

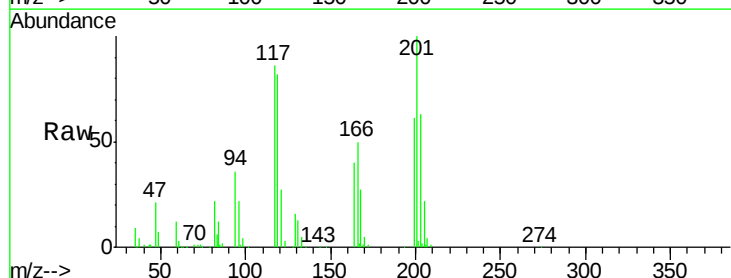
Tgt Ion:117 Resp: 111225

Ion Ratio Lower Upper

117 100

119 95.1 75.2 112.8

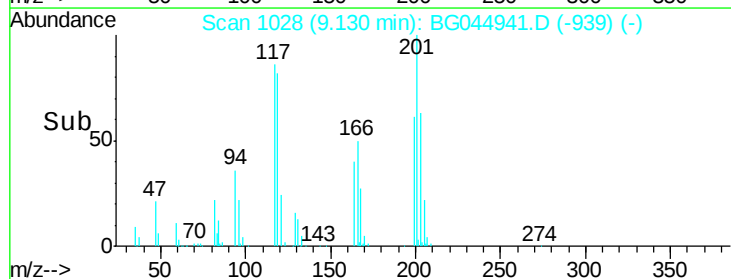
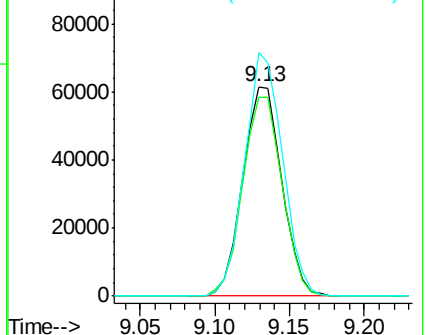
201 116.1 81.1 121.7

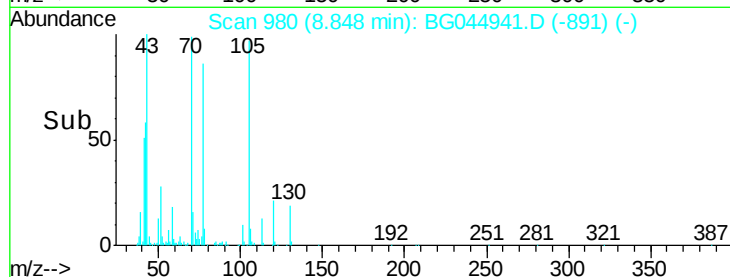
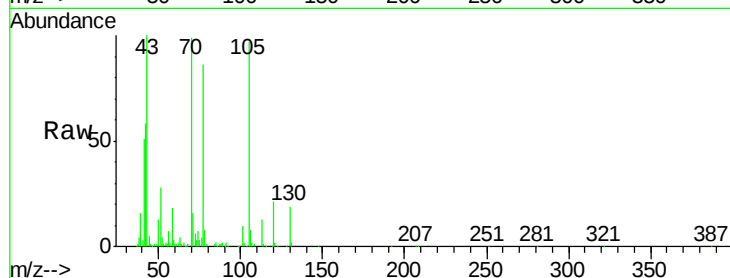
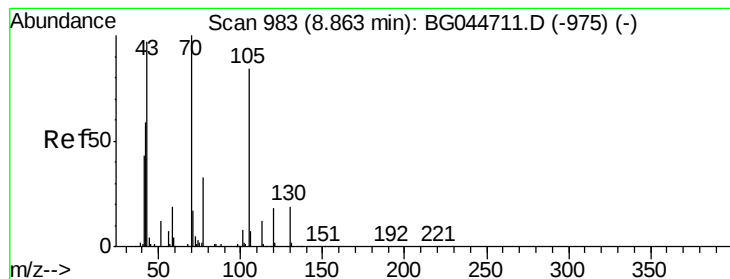


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.65 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

Tgt Ion: 70 Resp: 220275

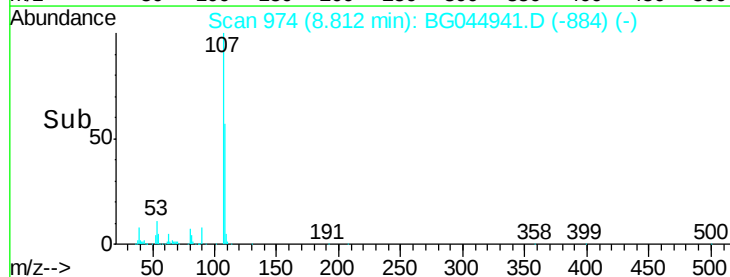
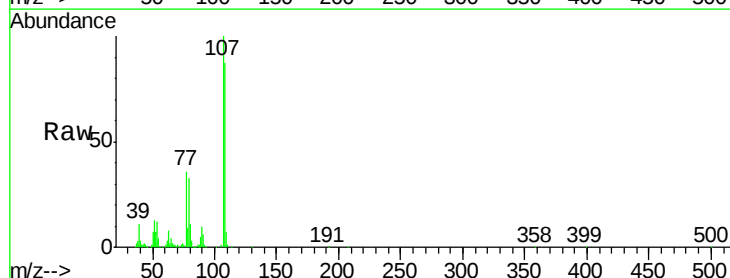
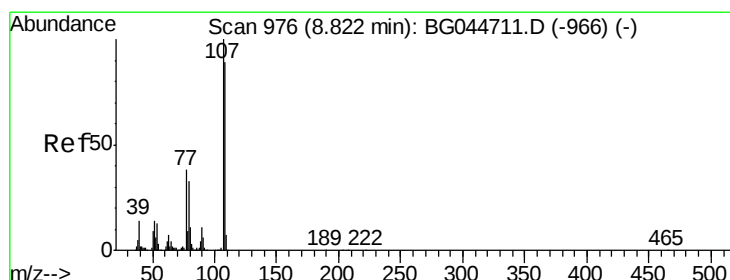
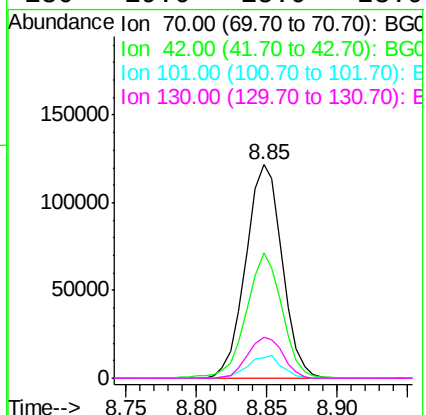
Ion Ratio Lower Upper

70 100

42 58.7 45.7 68.5

101 9.9 7.4 11.2

130 19.0 15.9 23.9



#20

3+4-Methylphenols

Concen: 47.75 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion: 107 Resp: 338801

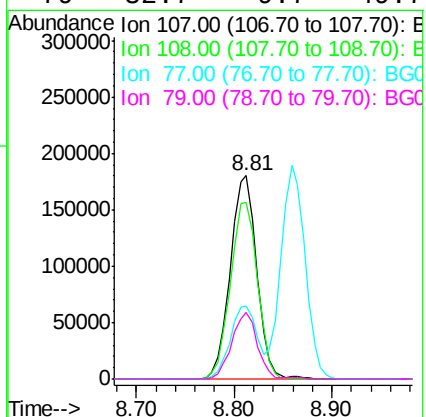
Ion Ratio Lower Upper

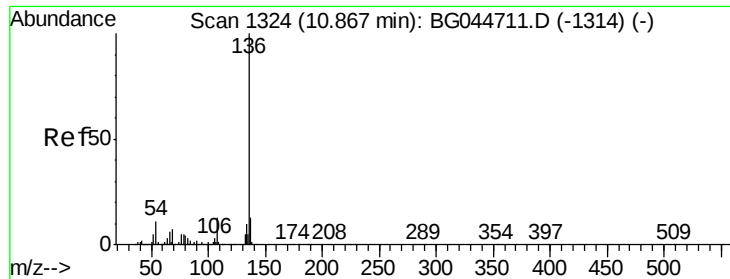
107 100

108 87.1 71.3 111.3

77 36.0 16.9 56.9

79 32.7 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: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

Tgt Ion:136 Resp: 320433

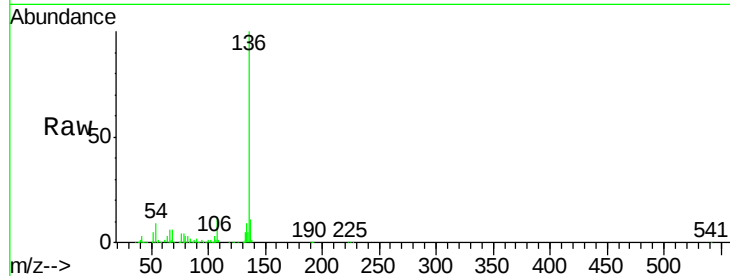
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.6

54 8.9 7.9 11.9

68 6.0 5.4 8.0

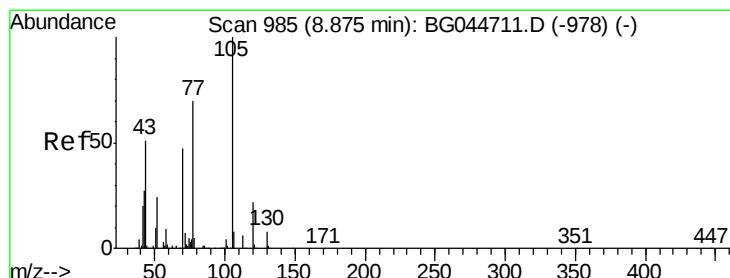
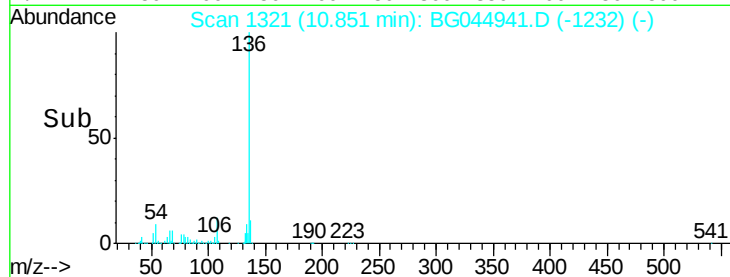
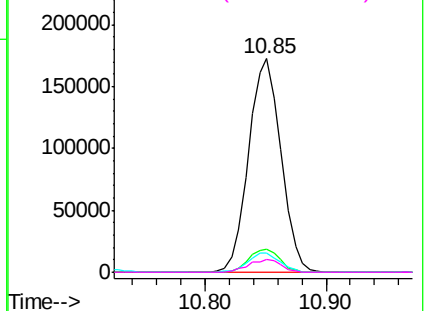


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.46 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:105 Resp: 403583

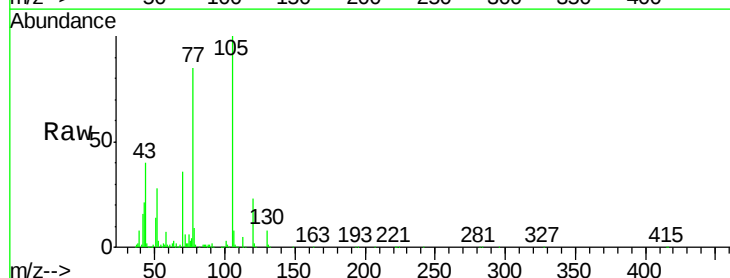
Ion Ratio Lower Upper

105 100

71 5.6 3.9 5.9

51 28.3 22.6 33.8

120 22.9 17.3 25.9

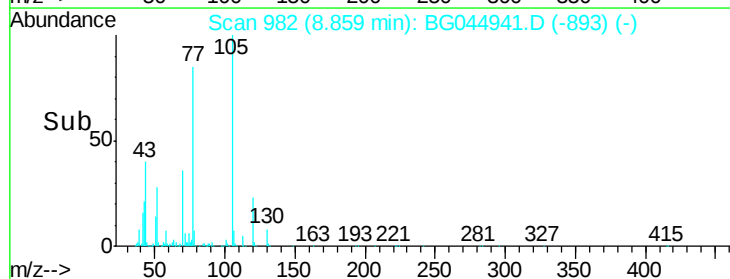
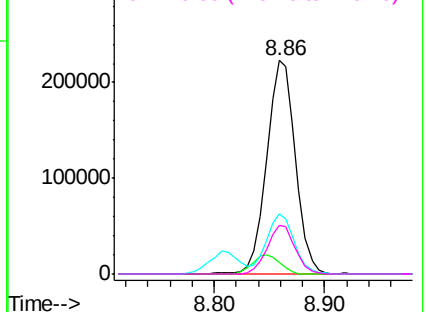


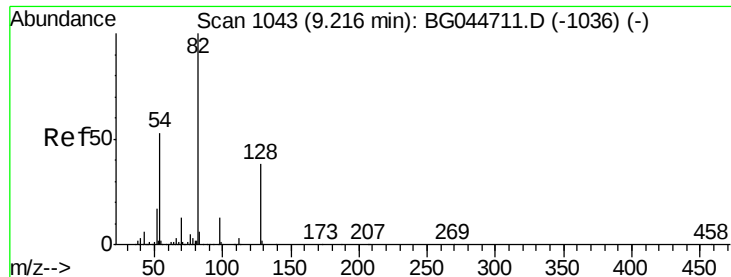
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

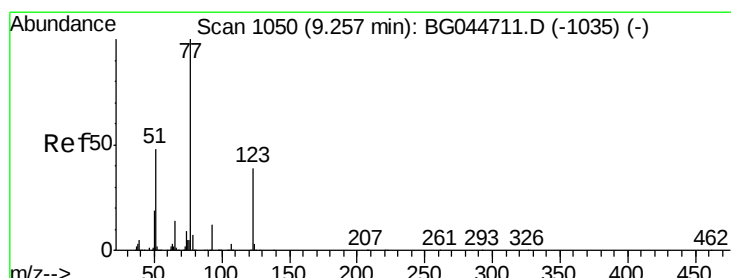
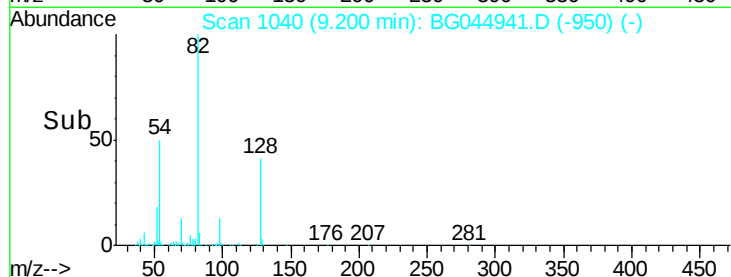
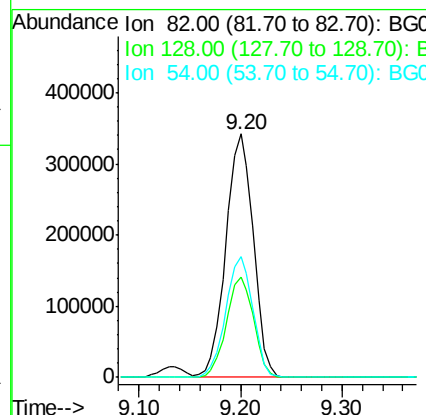
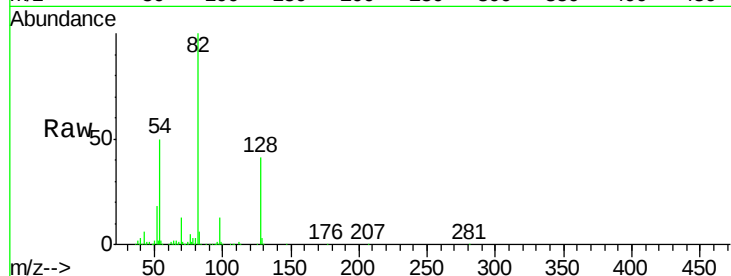




#23
 Nitrobenzene-d5
 Concen: 87.86 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

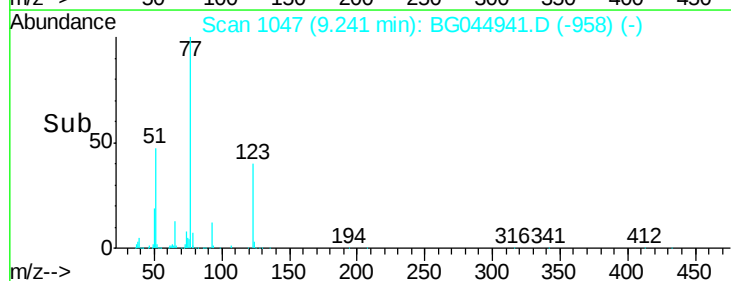
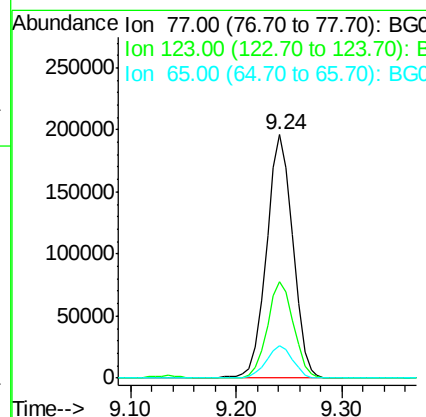
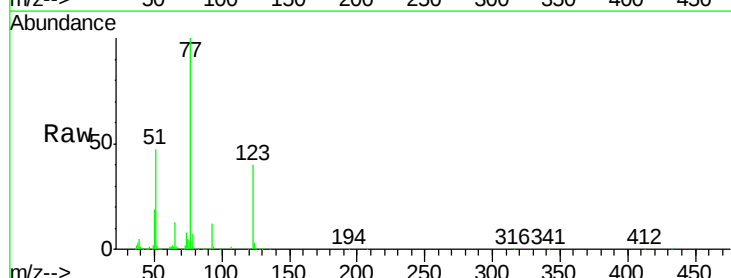
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

Tgt Ion: 82 Resp: 641549
 Ion Ratio Lower Upper
 82 100
 128 41.0 30.6 46.0
 54 49.6 37.1 55.7



#24
 Nitrobenzene
 Concen: 44.70 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion: 77 Resp: 338711
 Ion Ratio Lower Upper
 77 100
 123 39.6 31.3 46.9
 65 13.1 11.4 17.0

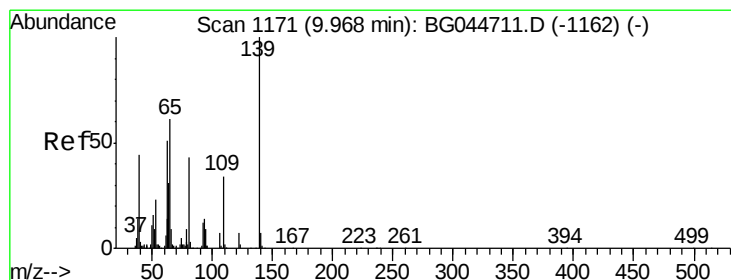
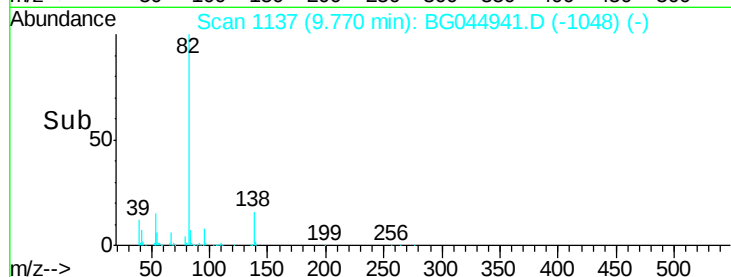
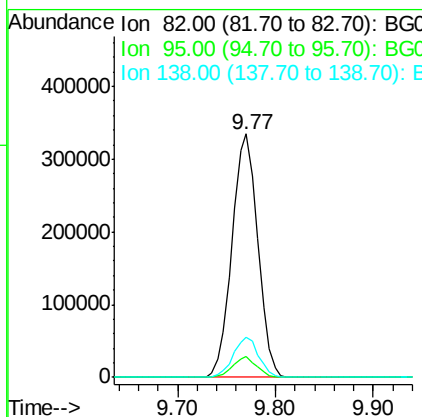
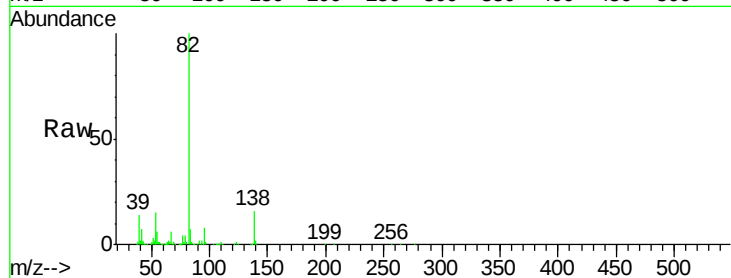




#25
Isophorone
Concen: 42.94 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

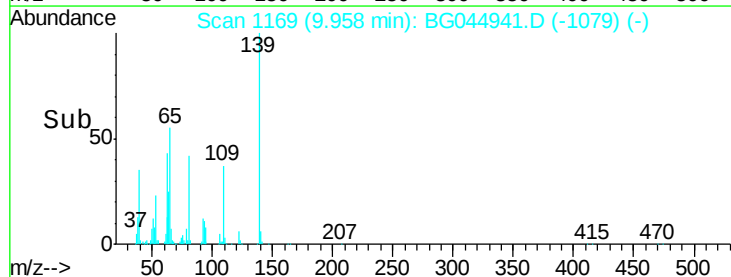
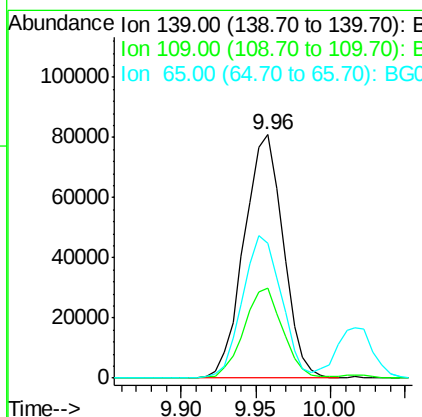
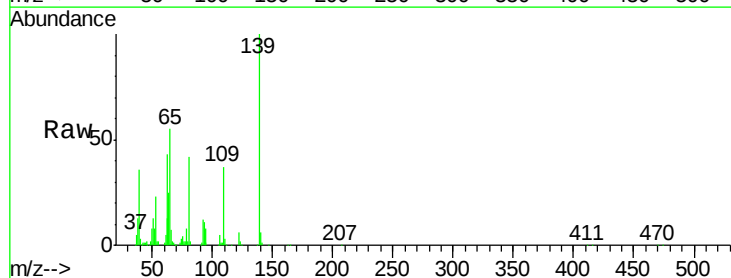
Instrument :
BNA_G
ClientSampleId :
PB127786BS

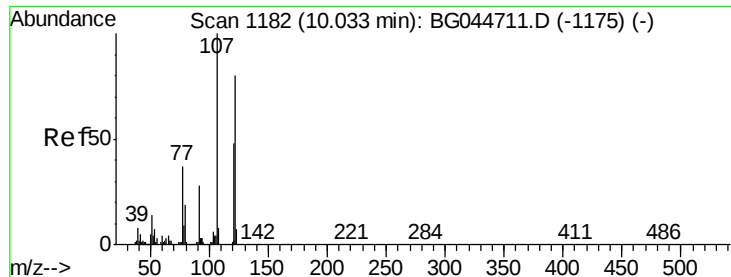
Tgt Ion: 82 Resp: 612006
Ion Ratio Lower Upper
82 100
95 8.5 5.5 8.3#
138 16.4 12.5 18.7



#26
2-Nitrophenol
Concen: 54.91 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion: 139 Resp: 146789
Ion Ratio Lower Upper
139 100
109 36.8 30.2 45.4
65 55.4 46.3 69.5

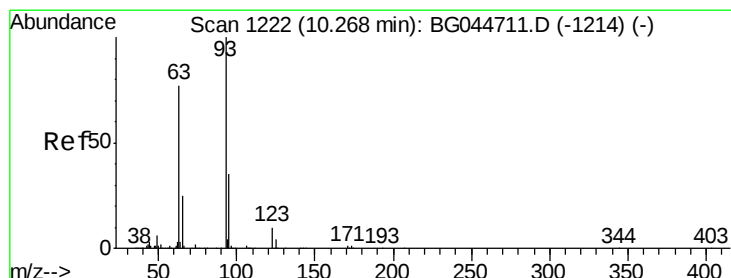
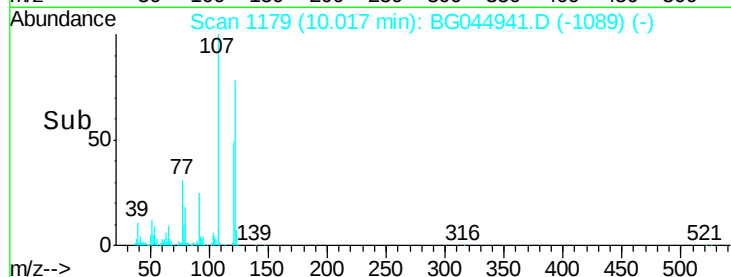
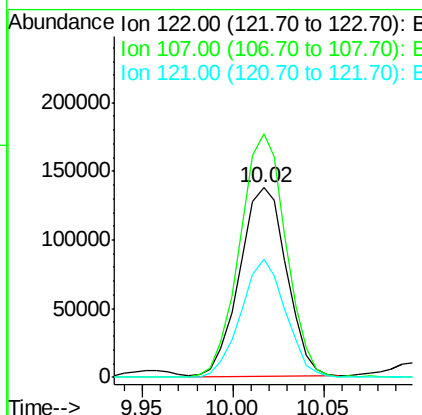
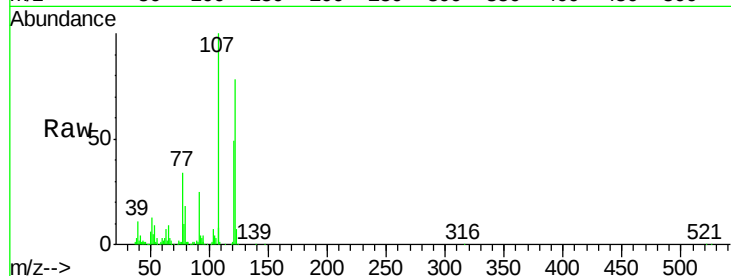




#27
2,4-Dimethylphenol
Concen: 53.38 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

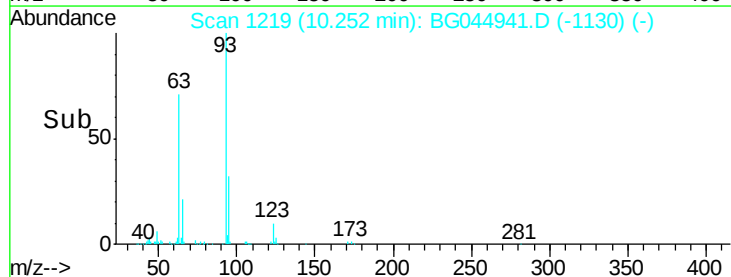
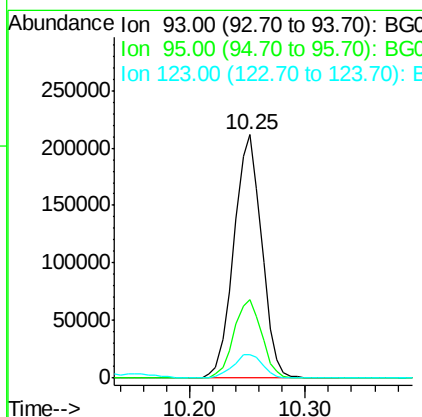
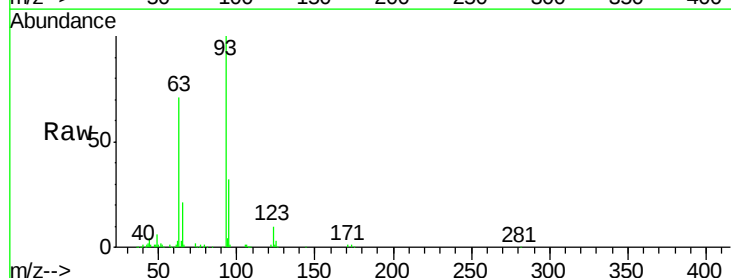
Instrument :
BNA_G
ClientSampleId :
PB127786BS

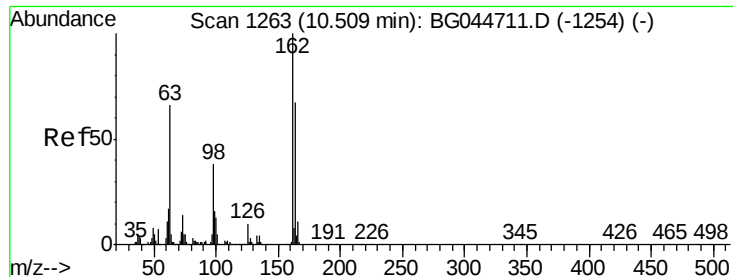
Tgt Ion:122 Resp: 247729
Ion Ratio Lower Upper
122 100
107 128.4 107.1 160.7
121 62.3 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 41.35 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion: 93 Resp: 351667
Ion Ratio Lower Upper
93 100
95 32.3 26.4 39.6
123 9.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 50.48 ng

RT: 10.49 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

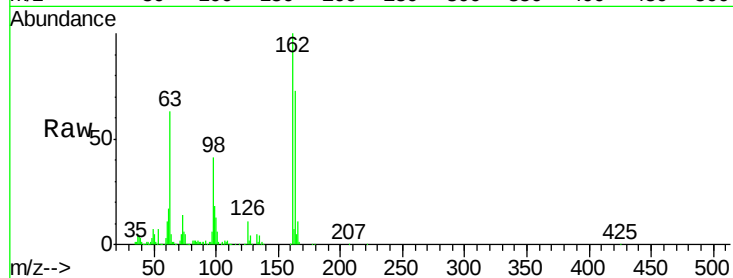
Tgt Ion:162 Resp: 273644

Ion Ratio Lower Upper

162 100

164 73.0 45.2 85.2

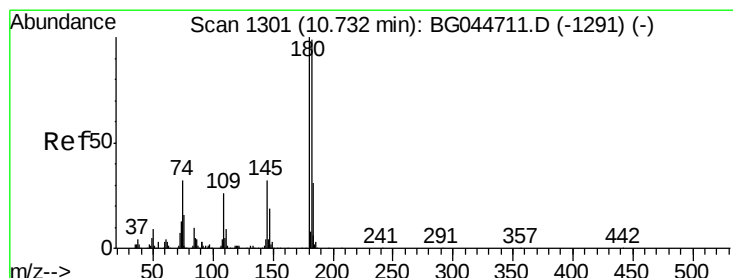
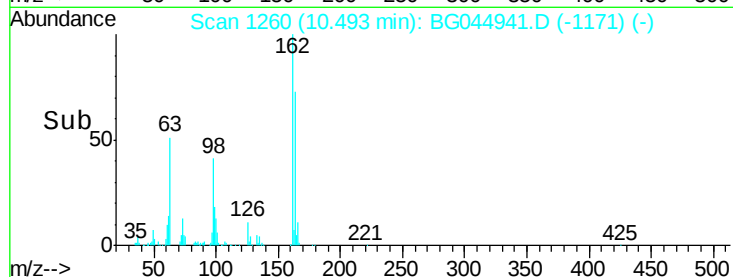
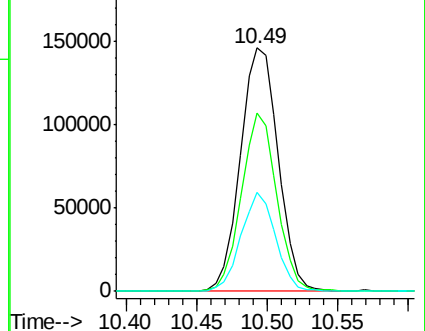
98 40.8 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 46.06 ng

RT: 10.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

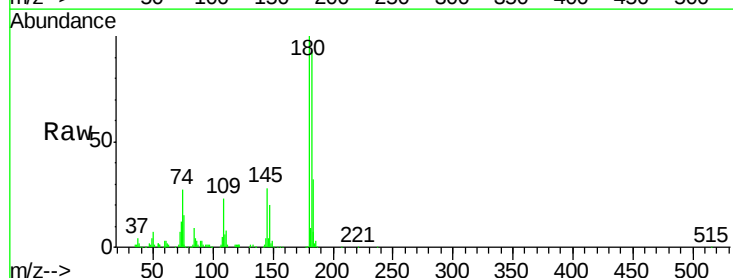
Tgt Ion:180 Resp: 298565

Ion Ratio Lower Upper

180 100

182 92.7 71.6 107.4

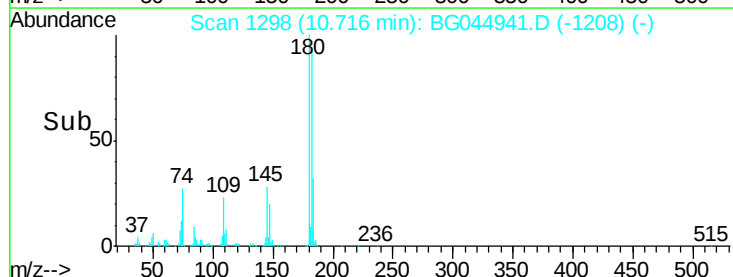
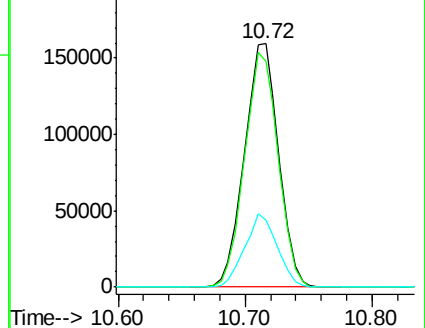
145 27.8 23.4 35.0

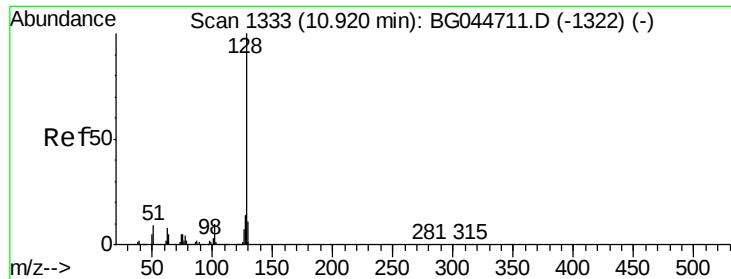


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

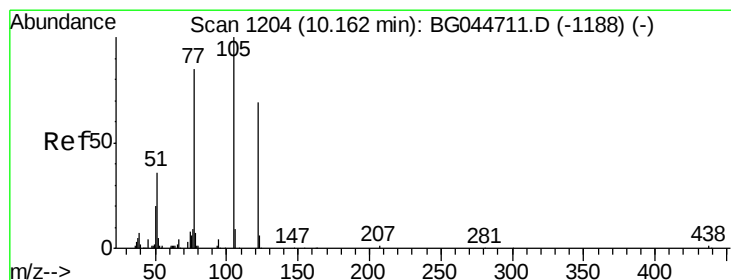
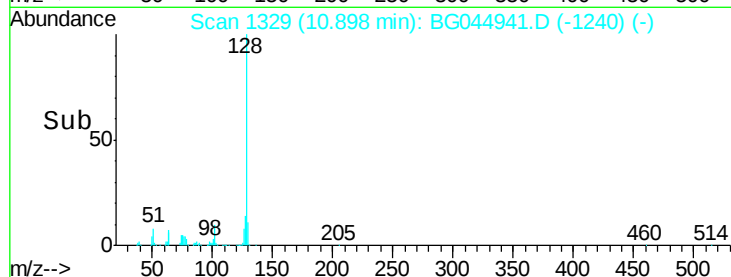
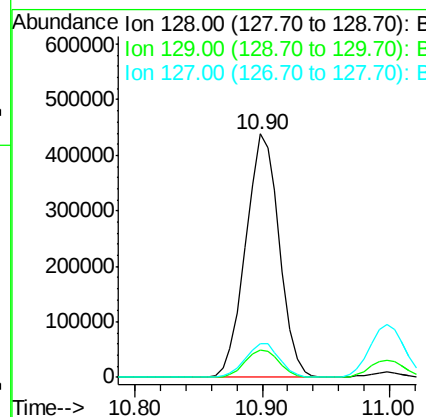
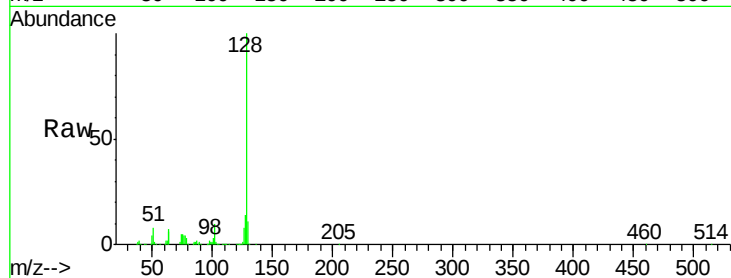




#31
Naphthalene
Concen: 45.29 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

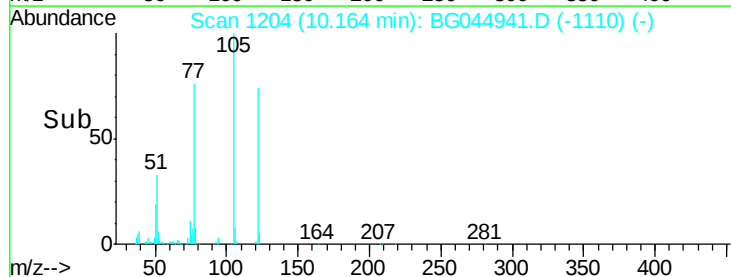
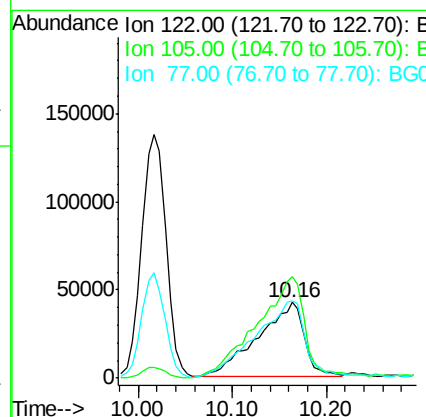
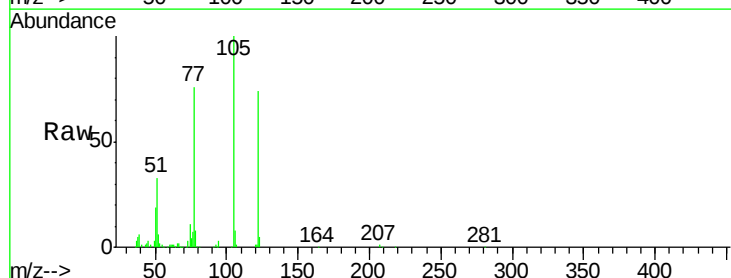
Instrument :
BNA_G
ClientSampleId :
PB127786BS

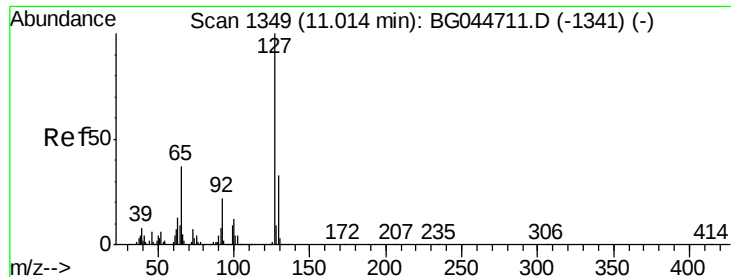
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.0	10.8	16.2



#32
Benzoic acid
Concen: 41.43 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.9	109.1	149.1
77	101.9	85.3	125.3

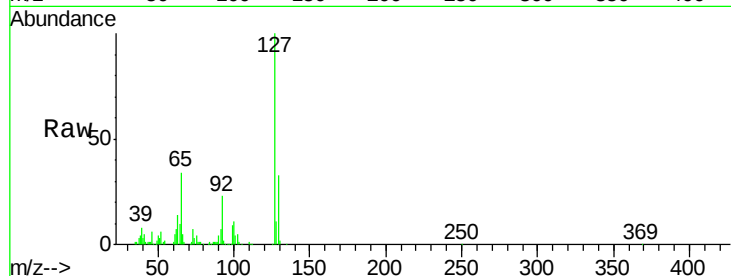




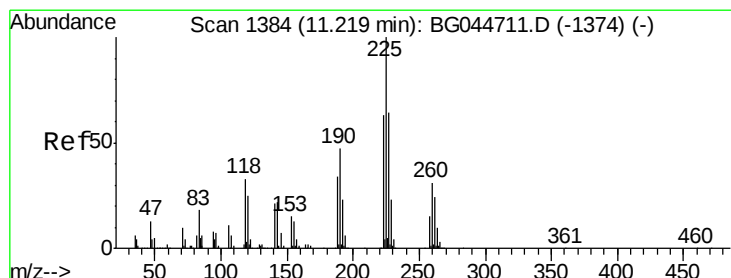
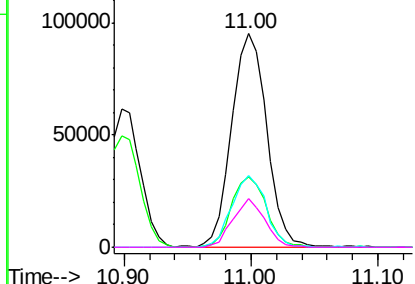
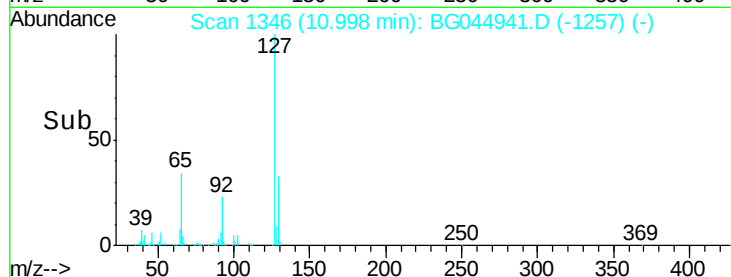
#33
4-Chloroaniline
Concen: 22.72 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tgt Ion:	127	Resp:	181705
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.9	40.3
65	33.9	27.7	41.5
92	22.8	17.4	26.2

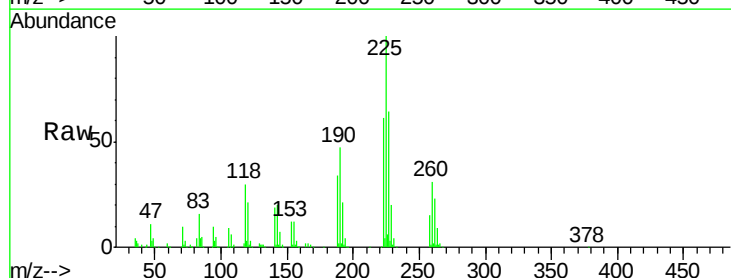


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

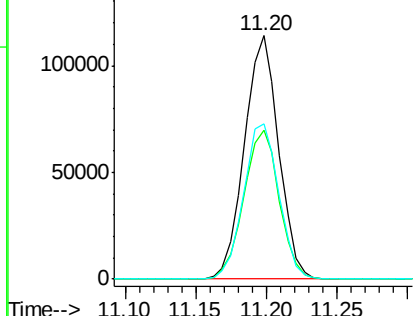
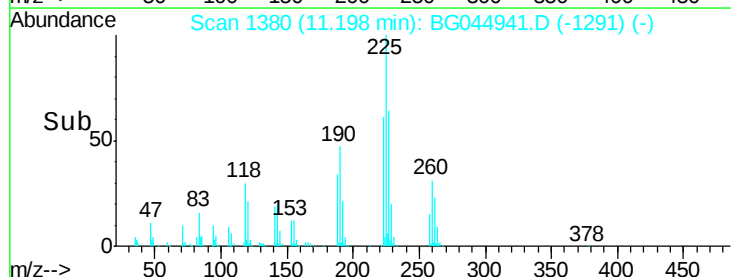


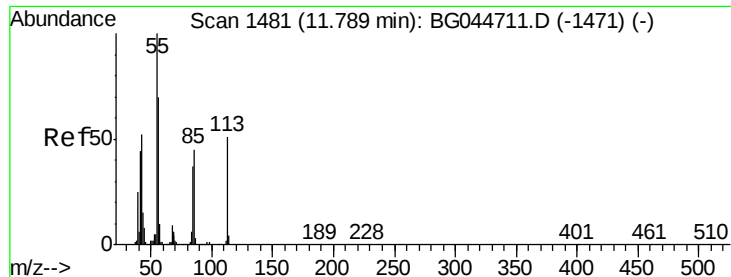
#34
Hexachlorobutadiene
Concen: 45.41 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion:	225	Resp:	193567
Ion	Ratio	Lower	Upper
225	100		
223	61.1	47.4	71.0
227	63.6	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

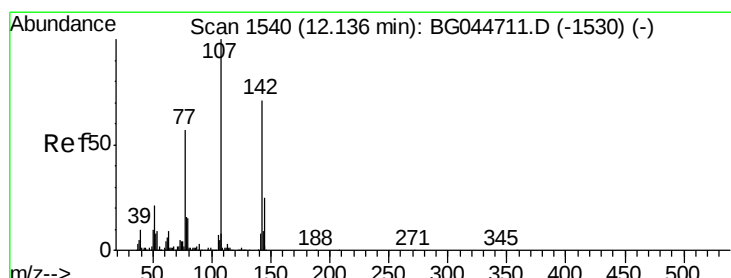
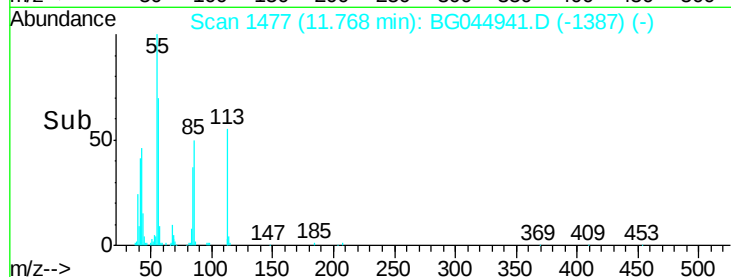
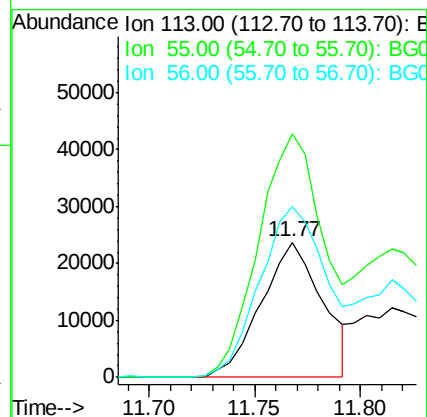
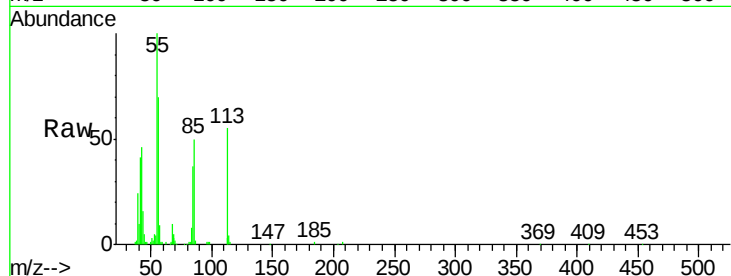




#35
 Caprolactam
 Concen: 23.38 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

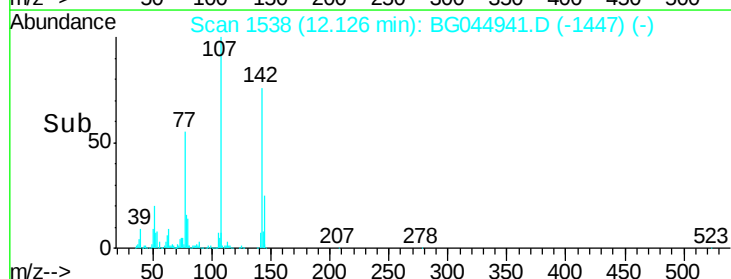
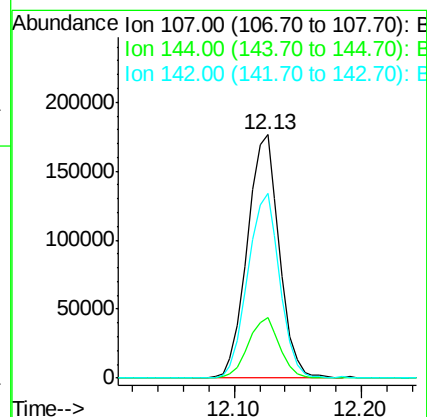
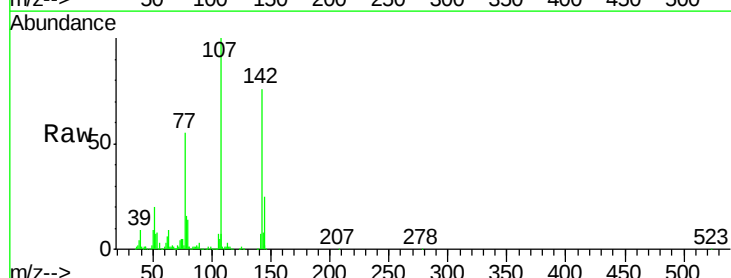
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

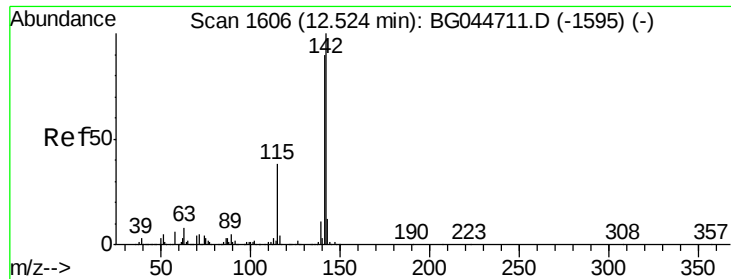
Tgt Ion:113 Resp: 47978
 Ion Ratio Lower Upper
 113 100
 55 180.5 173.8 213.8
 56 126.2 113.8 153.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.75 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion:107 Resp: 308739
 Ion Ratio Lower Upper
 107 100
 144 25.0 18.0 27.0
 142 76.0 59.0 88.4

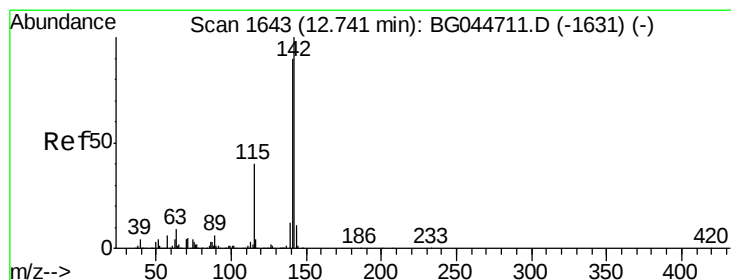
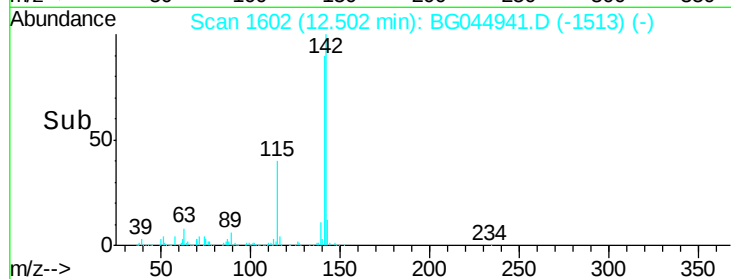
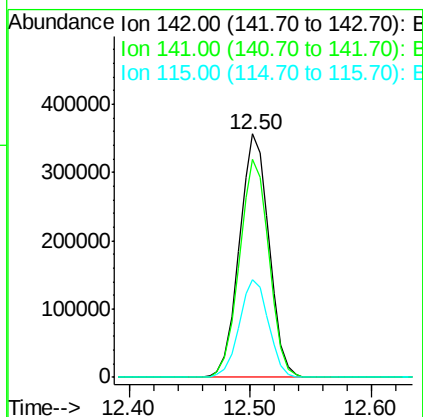
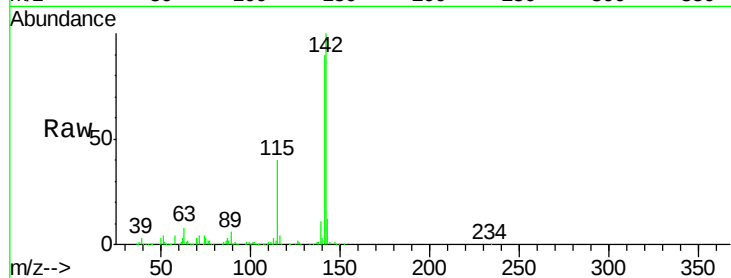




#37
2-Methylnaphthalene
Concen: 45.70 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

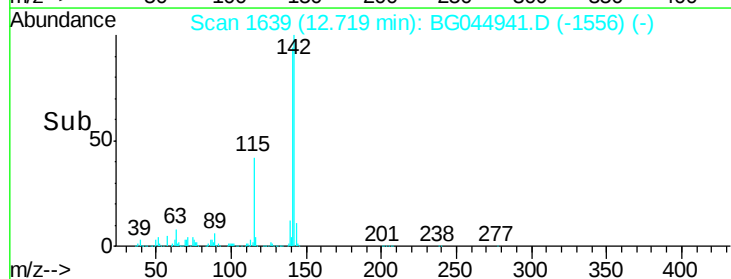
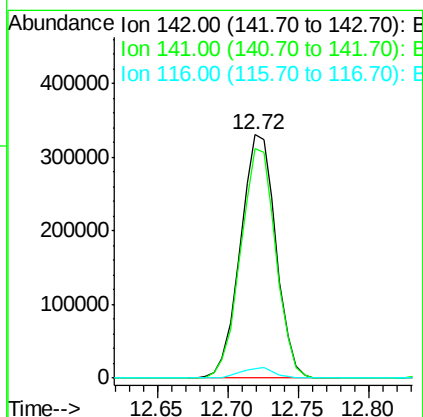
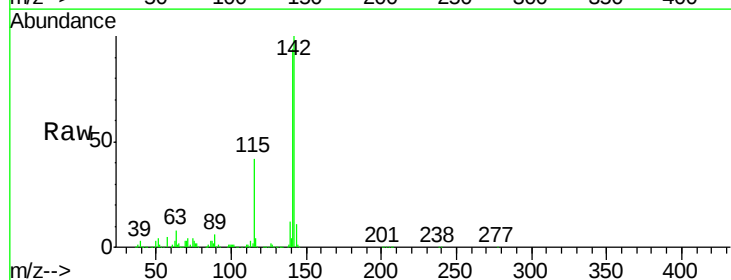
Instrument :
BNA_G
ClientSampleId :
PB127786BS

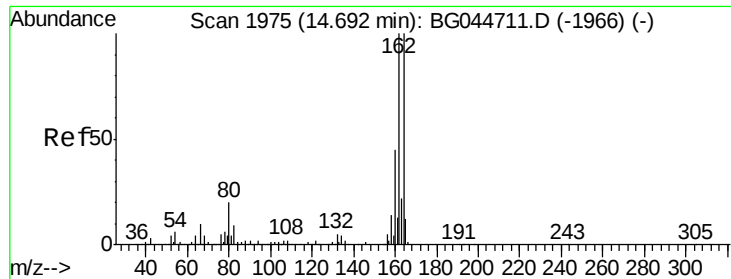
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.1	112.7
115	40.2	30.6	46.0



#38
1-Methylnaphthalene
Concen: 46.42 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.7	112.1
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

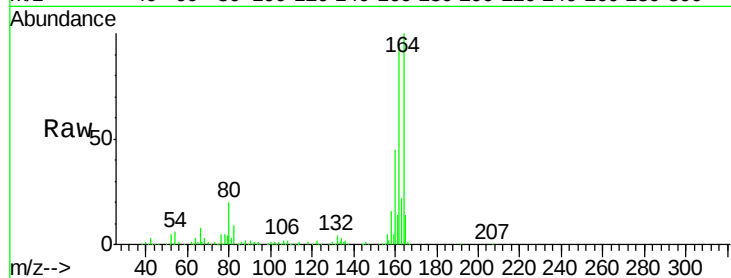
Tgt Ion:164 Resp: 214470

Ion Ratio Lower Upper

164 100

162 94.8 76.7 115.1

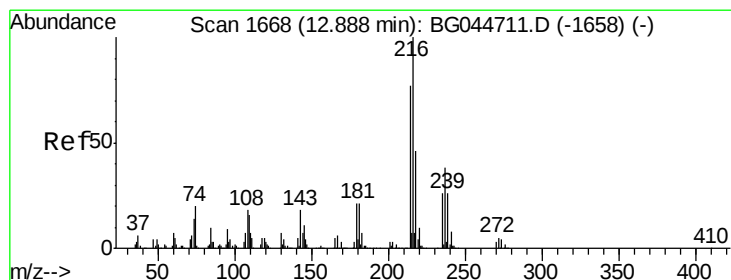
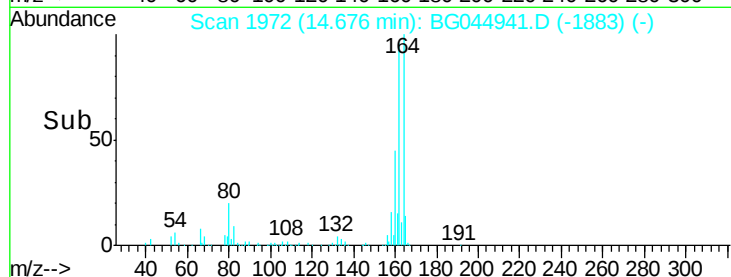
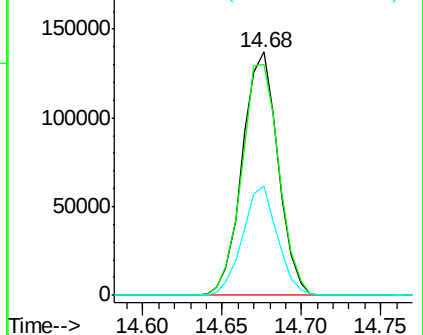
160 44.7 35.0 52.4



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: 45.20 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Tgt Ion:216 Resp: 319231

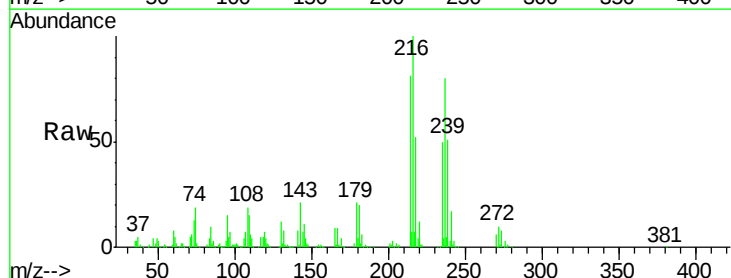
Ion Ratio Lower Upper

216 100

214 80.6 63.8 95.6

179 20.9 16.2 24.2

108 20.8 14.6 22.0

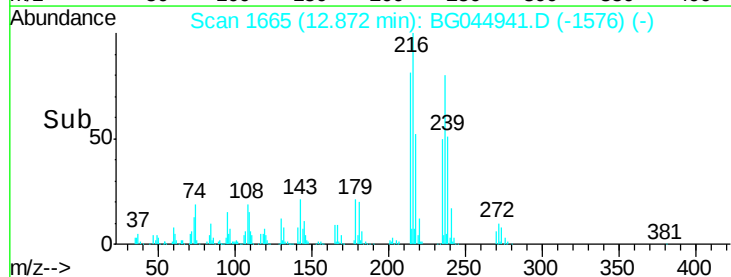
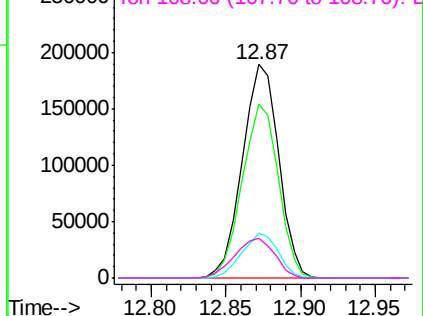


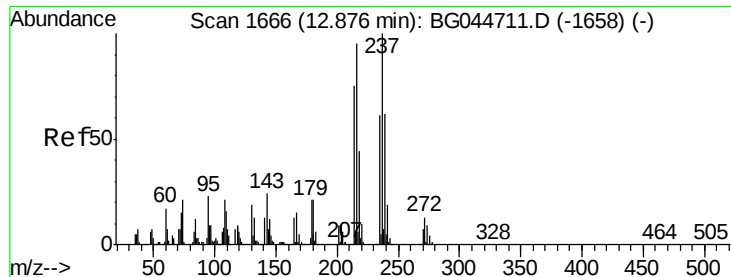
Abundance Ion 216.00 (215.70 to 216.70): E

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: 117.05 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

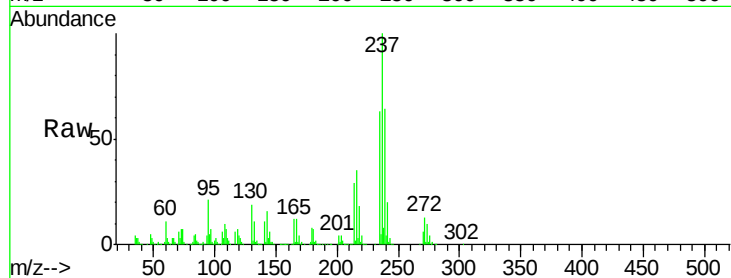
Tgt Ion: 237 Resp: 451833

Ion Ratio Lower Upper

237 100

235 63.1 42.9 82.9

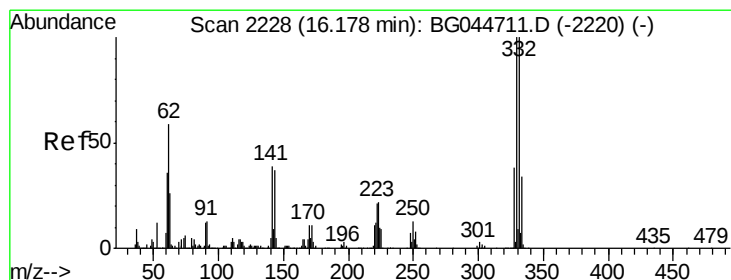
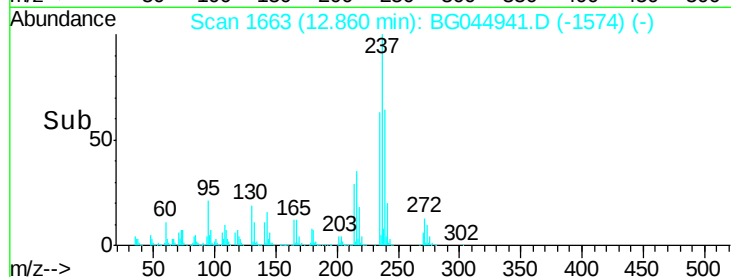
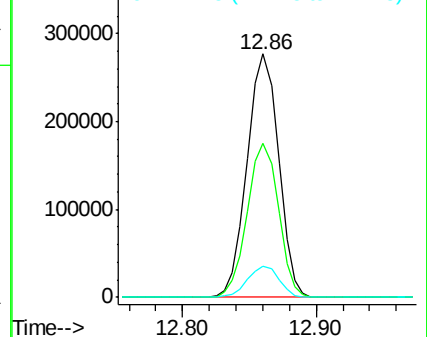
272 13.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.14 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

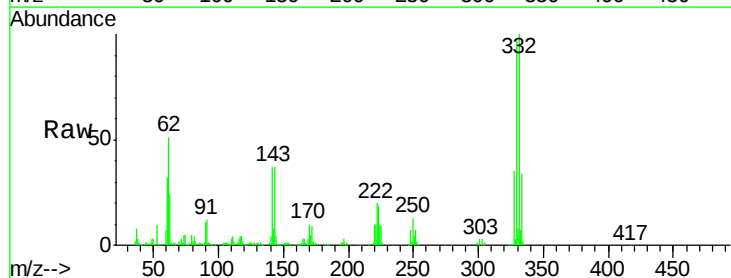
Tgt Ion: 330 Resp: 424424

Ion Ratio Lower Upper

330 100

332 97.8 77.8 116.6

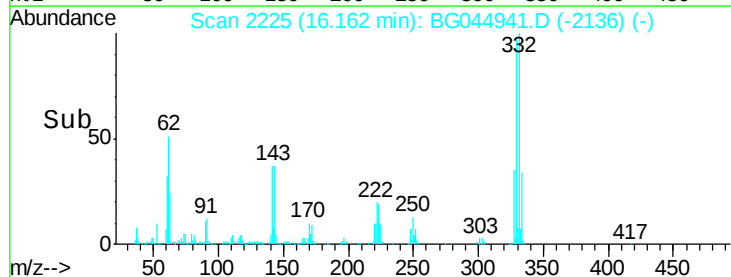
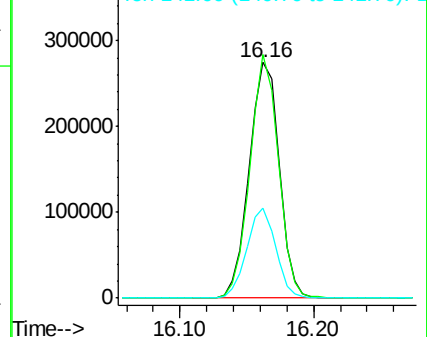
141 37.0 29.5 44.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

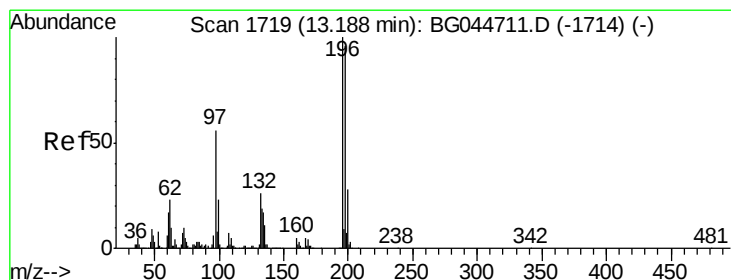
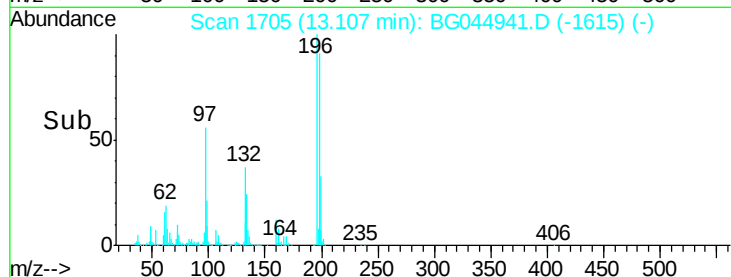
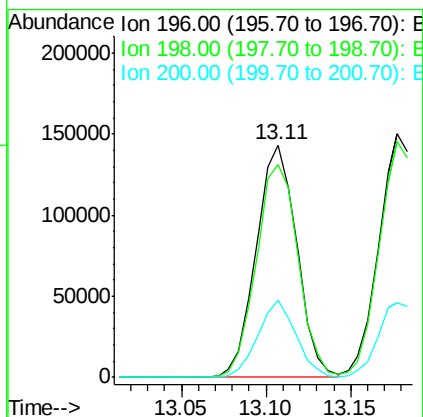
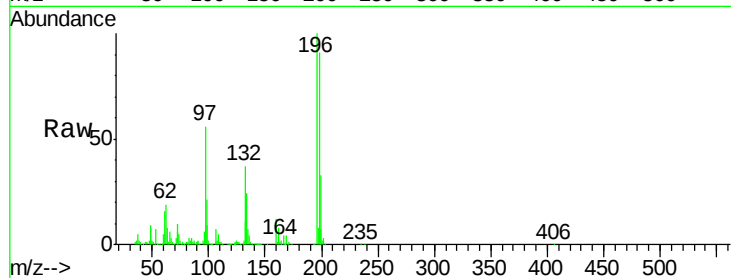




#43
2,4,6-Trichlorophenol
Concen: 51.03 ng
RT: 13.11 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

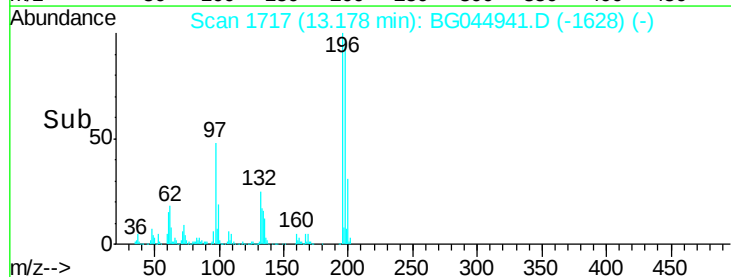
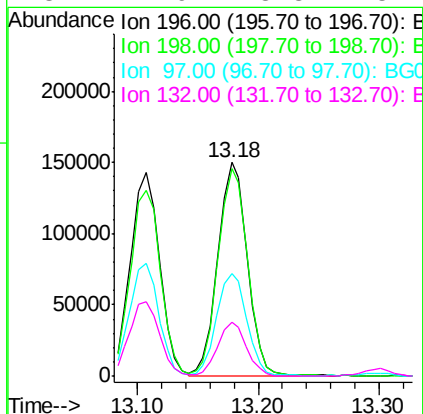
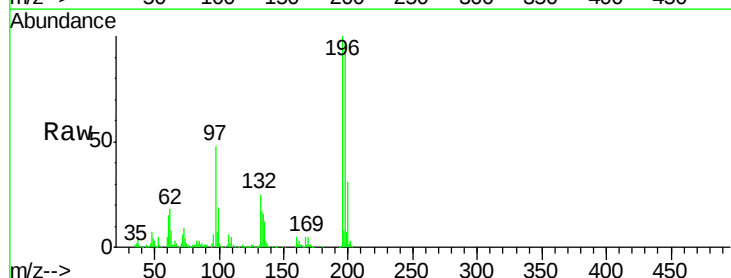
Instrument :
BNA_G
ClientSampleId :
PB127786BS

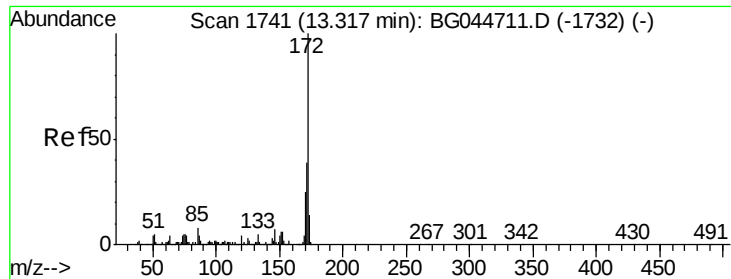
Tgt Ion:196 Resp: 239223
Ion Ratio Lower Upper
196 100
198 91.3 74.9 112.3
200 33.0 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 51.90 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion:196 Resp: 252320
Ion Ratio Lower Upper
196 100
198 96.9 74.2 111.4
97 48.1 36.7 55.1
132 24.9 18.8 28.2





#45

2-Fluorobiphenyl

Concen: 91.30 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

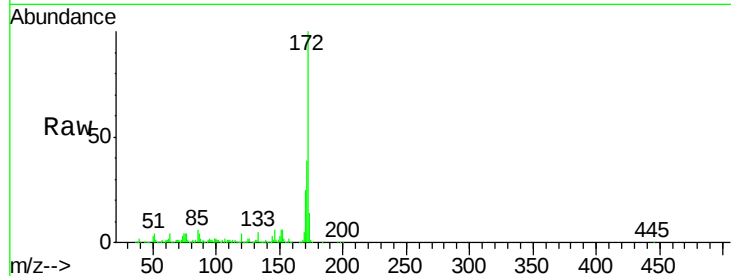
Tgt Ion:172 Resp: 1367354

Ion Ratio Lower Upper

172 100

171 38.9 28.7 43.1

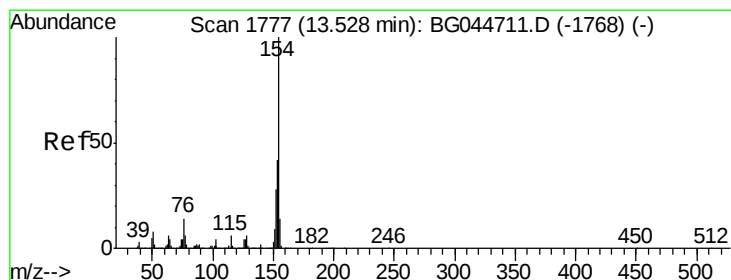
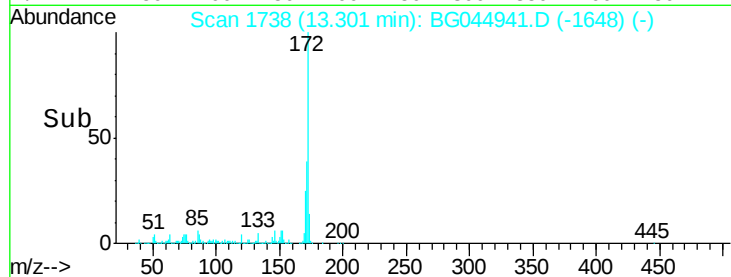
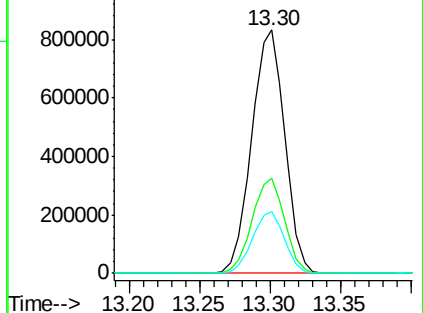
170 25.2 19.0 28.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.43 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

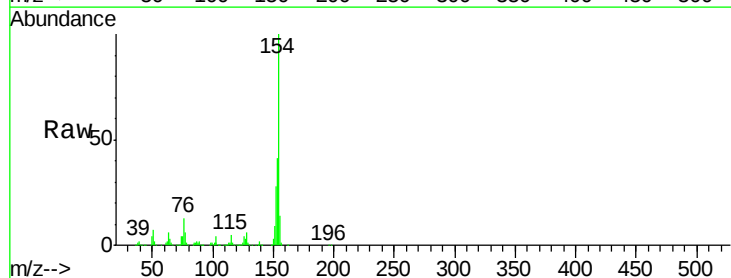
Tgt Ion:154 Resp: 761441

Ion Ratio Lower Upper

154 100

153 41.2 22.9 62.9

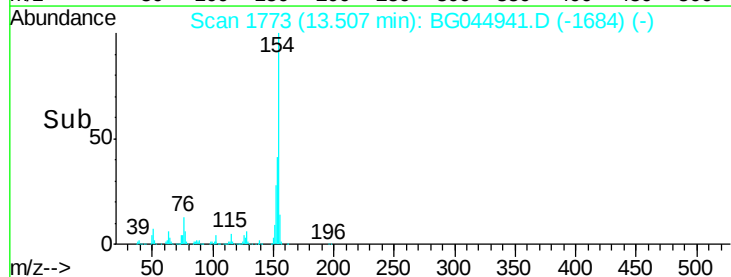
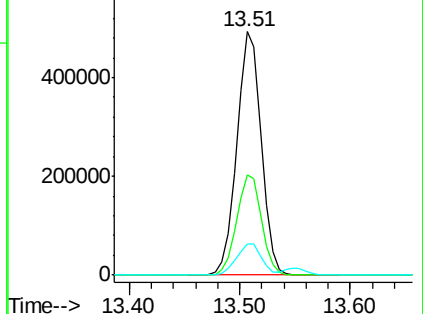
76 12.9 0.0 34.6

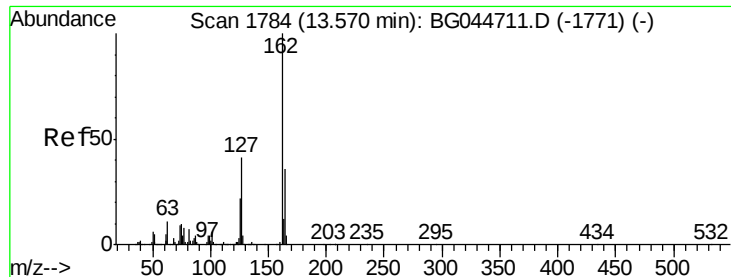


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

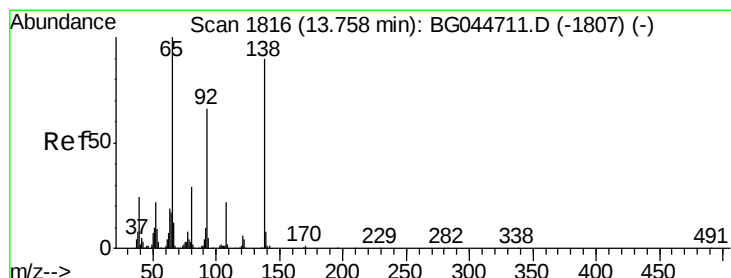
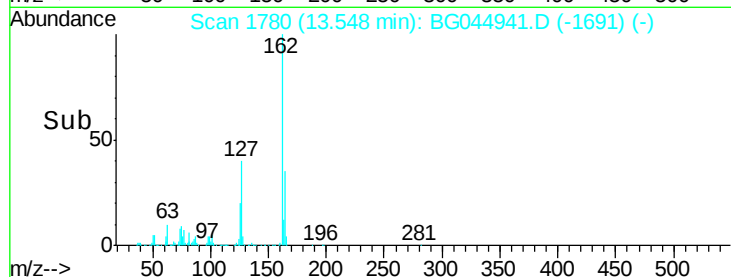
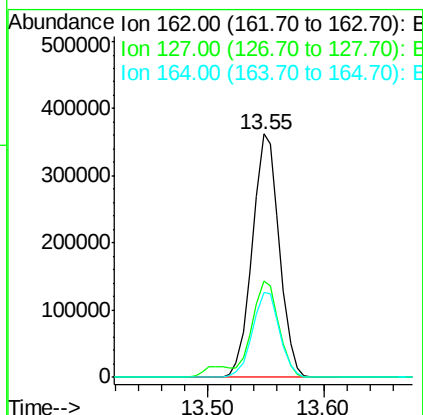
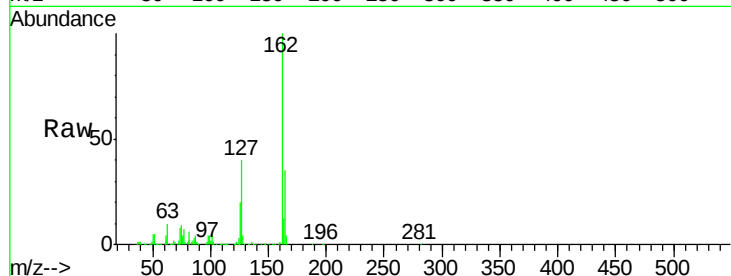




#47
 2-Chloronaphthalene
 Concen: 44.98 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

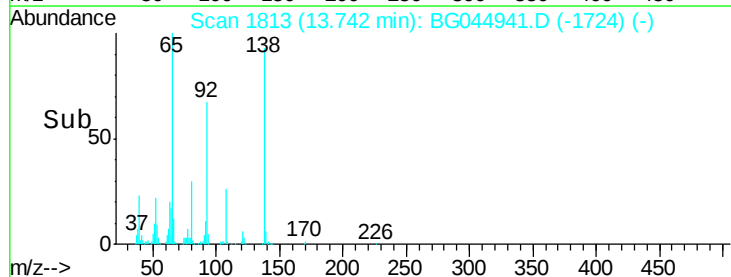
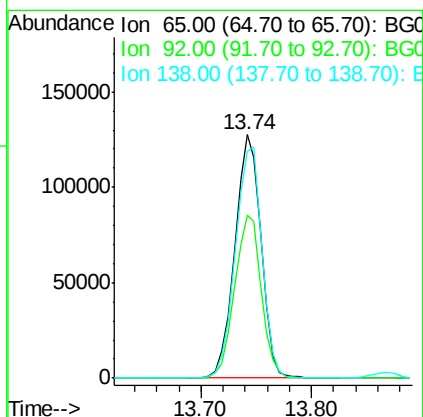
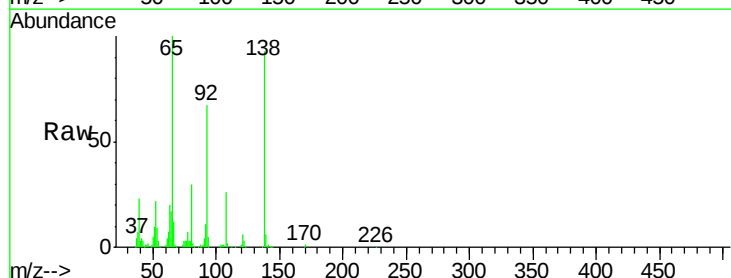
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

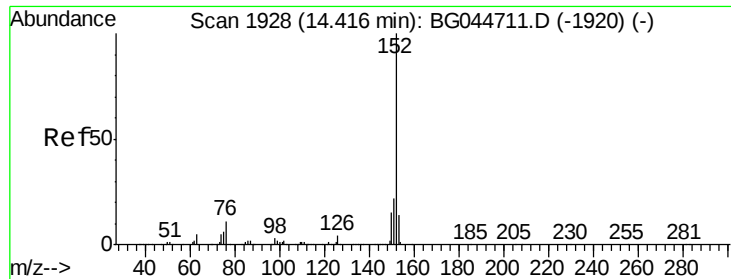
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.1	49.7
164	34.8	27.4	41.2



#48
 2-Nitroaniline
 Concen: 46.32 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	52.6	79.0
138	93.2	78.3	117.5





#49

Acenaphthylene

Concen: 46.23 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

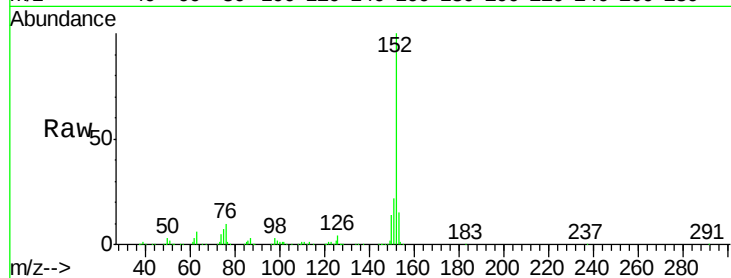
Tgt Ion:152 Resp: 948221

Ion Ratio Lower Upper

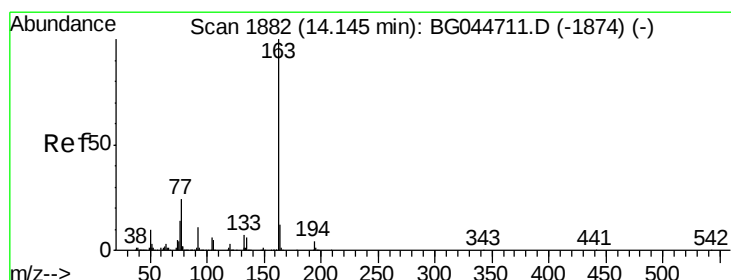
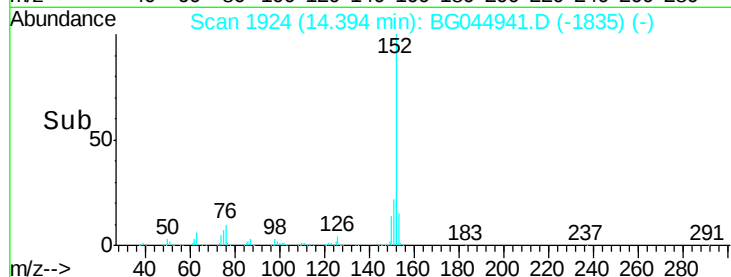
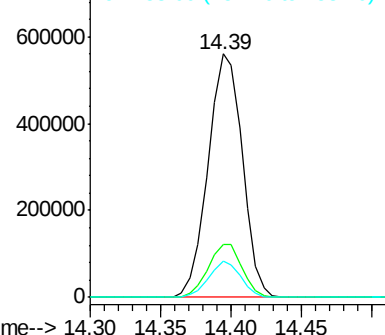
152 100

151 21.9 16.8 25.2

153 14.8 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: 45.31 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

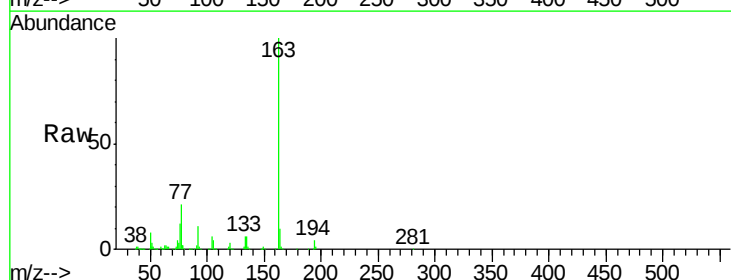
Tgt Ion:163 Resp: 774027

Ion Ratio Lower Upper

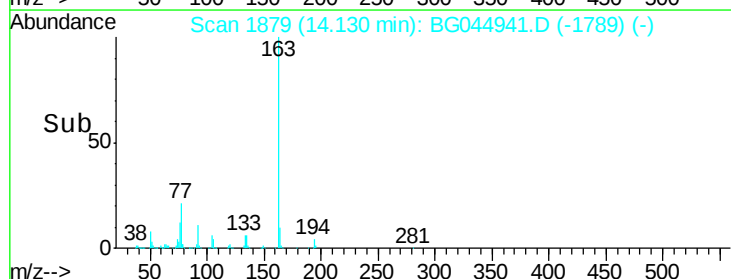
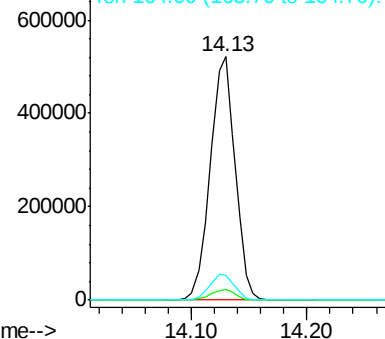
163 100

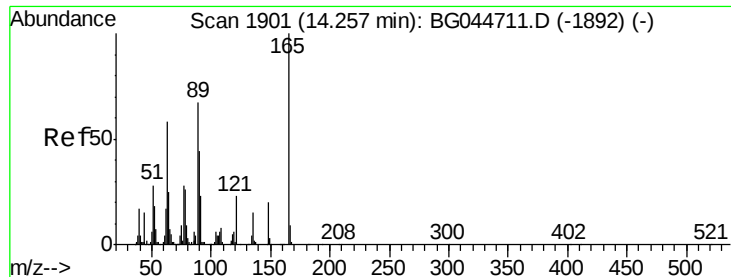
194 4.4 3.7 5.5

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

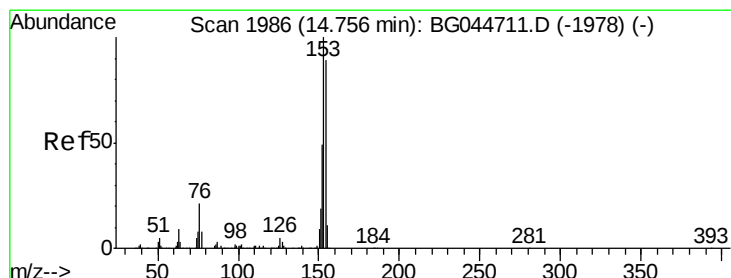
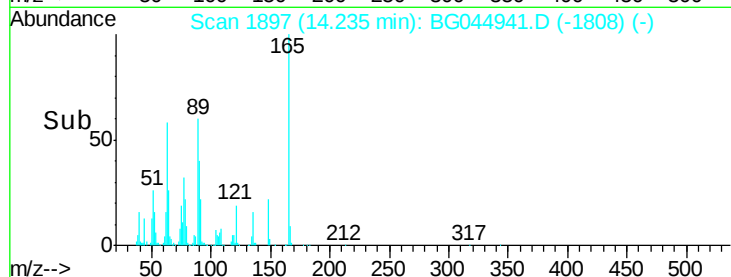
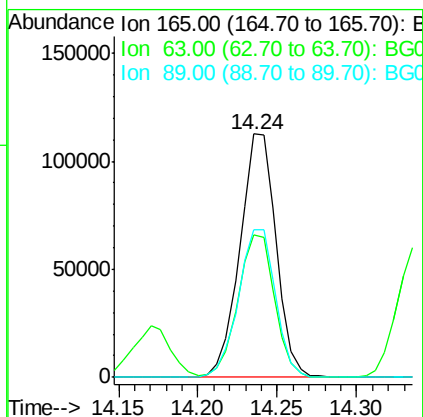
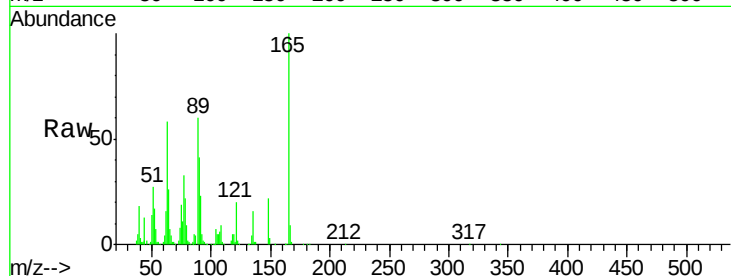




#51
2,6-Dinitrotoluene
Concen: 51.80 ng
RT: 14.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

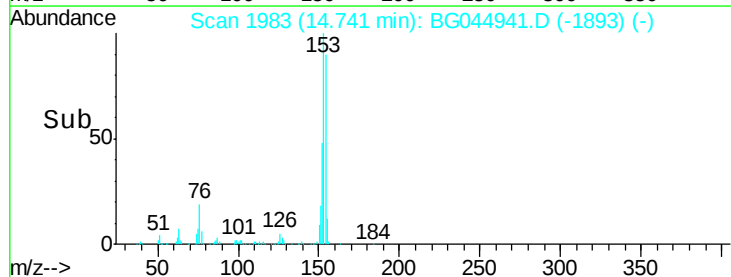
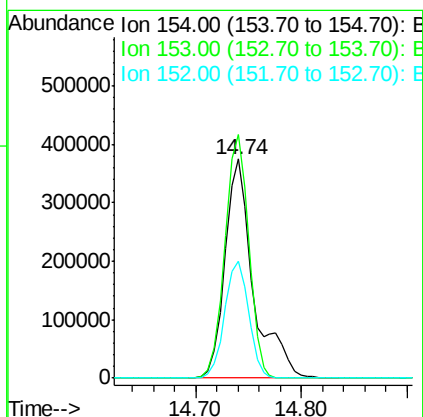
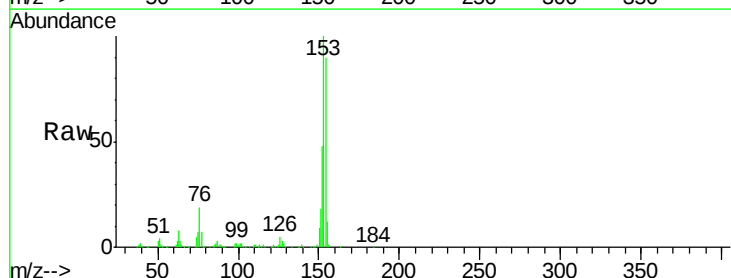
Instrument :
BNA_G
ClientSampleId :
PB127786BS

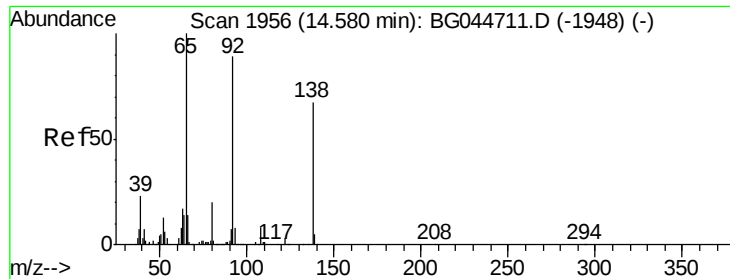
Tgt Ion:165 Resp: 178361
Ion Ratio Lower Upper
165 100
63 58.4 45.8 68.8
89 60.4 51.8 77.6



#52
Acenaphthene
Concen: 52.11 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion:154 Resp: 699999
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.6
152 53.6 43.0 64.6

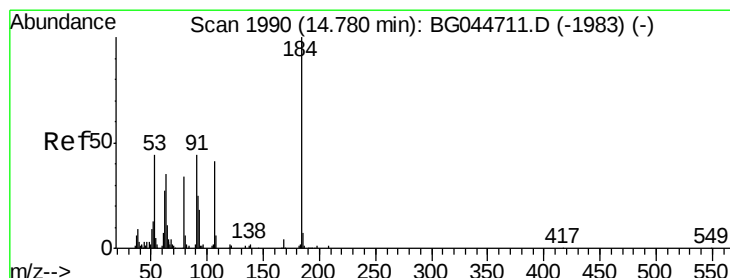
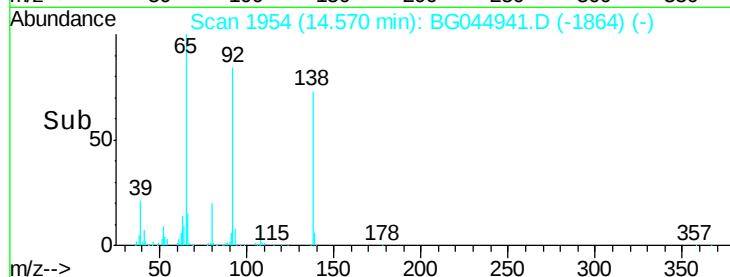
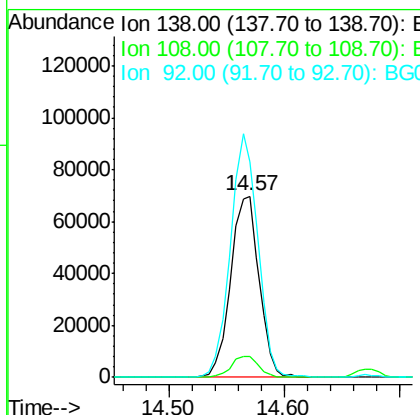
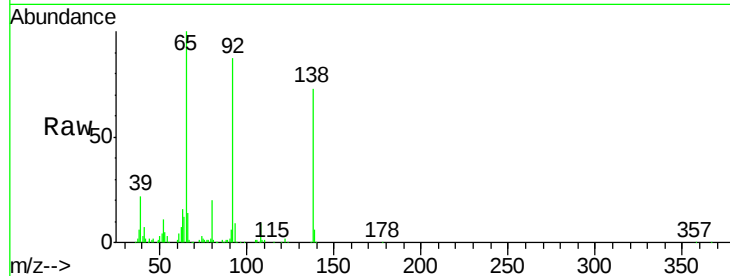




#53
 3-Nitroaniline
 Concen: 30.02 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

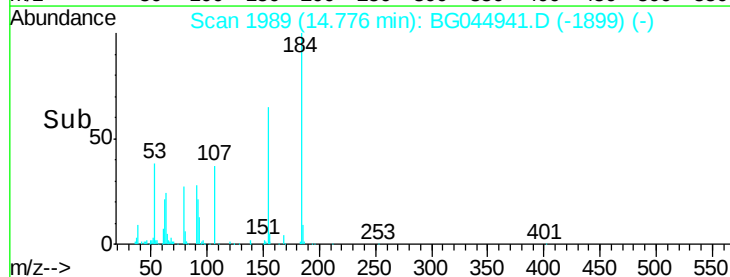
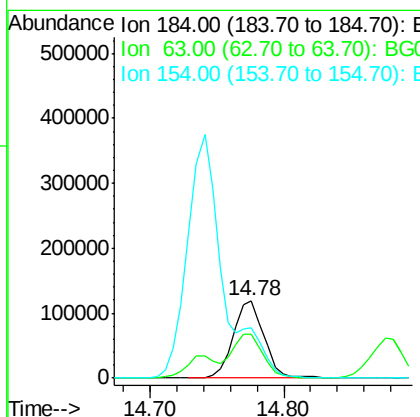
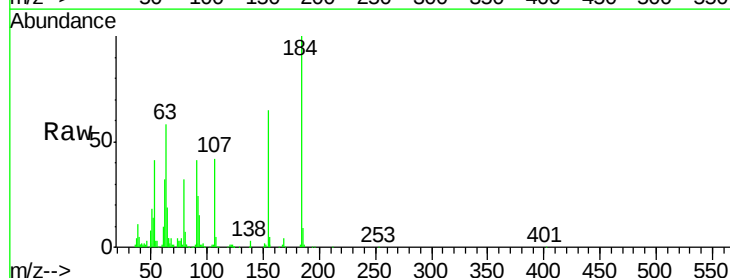
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

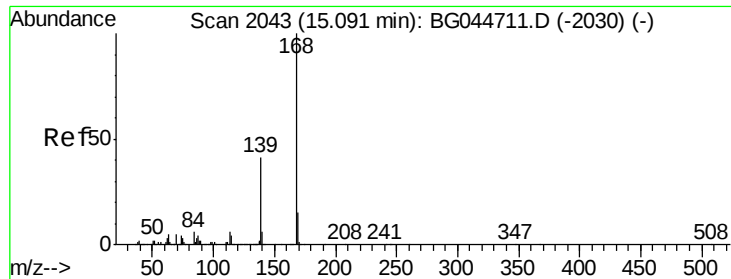
Tgt Ion:138 Resp: 118849
 Ion Ratio Lower Upper
 138 100
 108 11.7 9.0 13.4
 92 119.2 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 103.50 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion:184 Resp: 191137
 Ion Ratio Lower Upper
 184 100
 63 57.6 45.5 68.3
 154 64.6 49.1 73.7

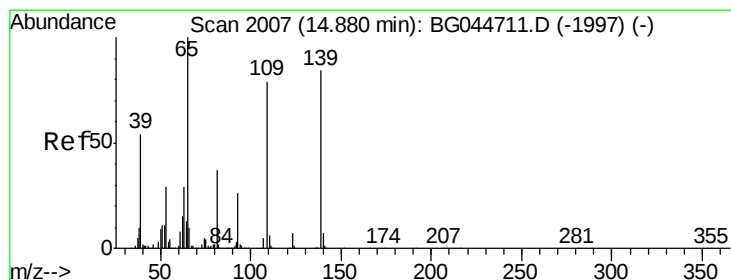
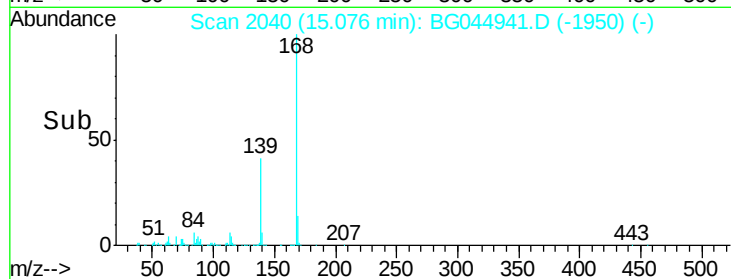
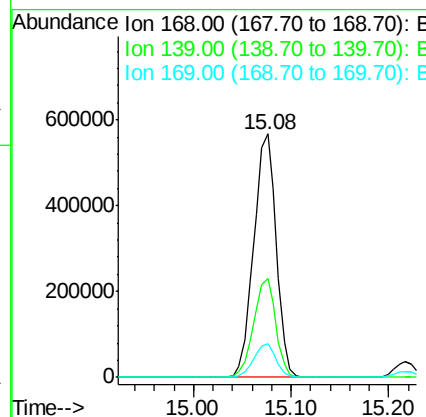
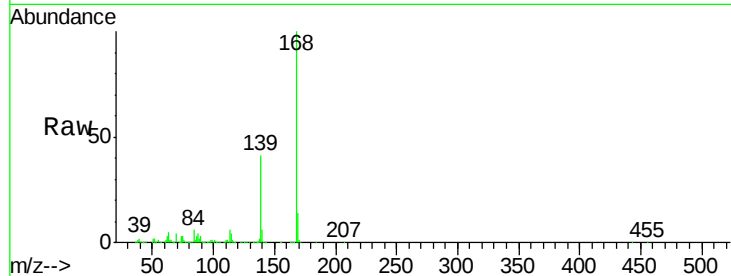




#55
Dibenzofuran
Concen: 47.09 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

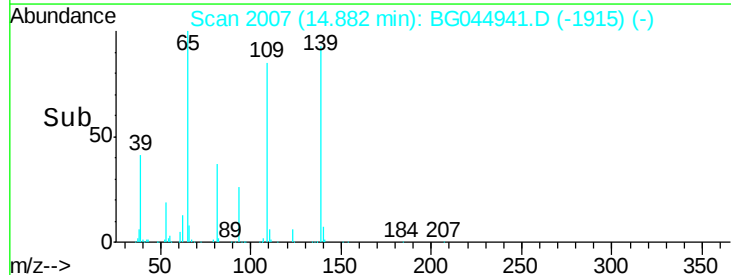
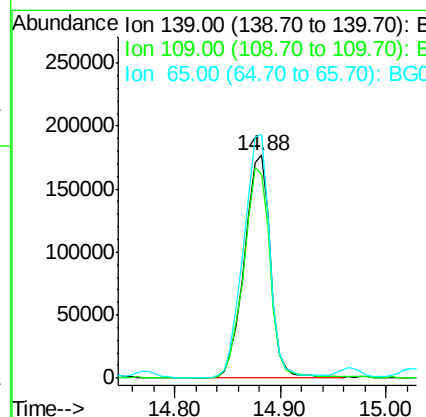
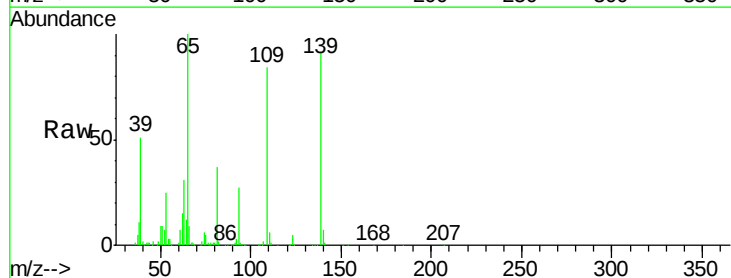
Instrument :
BNA_G
ClientSampleId :
PB127786BS

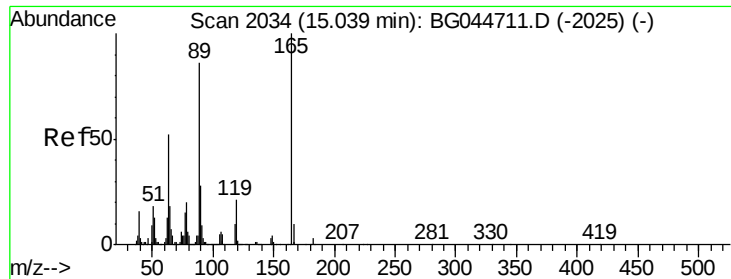
Tgt Ion:168 Resp: 917338
Ion Ratio Lower Upper
168 100
139 40.7 31.4 47.0
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 99.97 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion:139 Resp: 302019
Ion Ratio Lower Upper
139 100
109 91.7 68.8 108.8
65 109.3 92.5 132.5

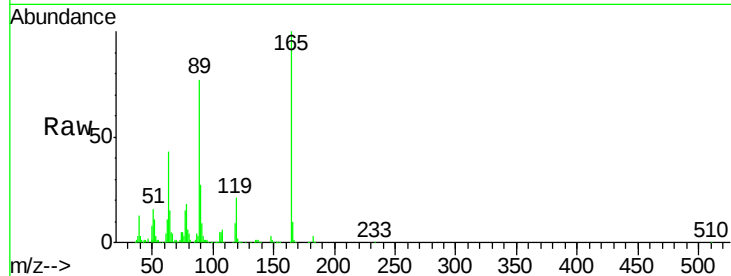




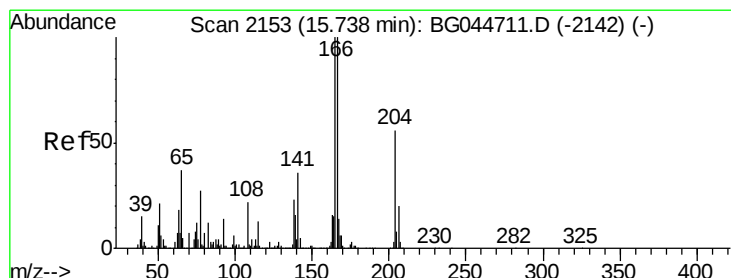
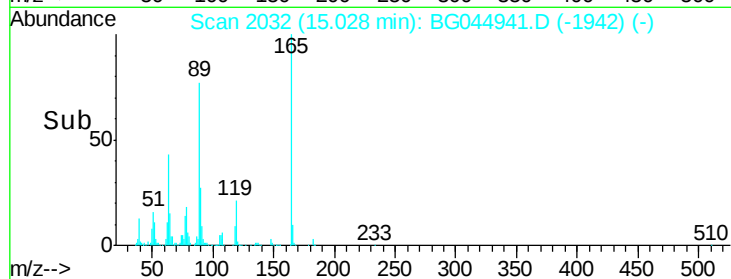
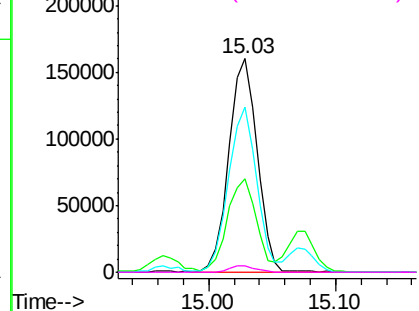
#57
2,4-Dinitrotoluene
Concen: 52.70 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Instrument :
BNA_G
ClientSampleId :
PB127786BS

Tgt Ion:165 Resp: 248877
Ion Ratio Lower Upper
165 100
63 43.5 34.6 52.0
89 77.1 61.3 91.9
182 2.8 2.2 3.2

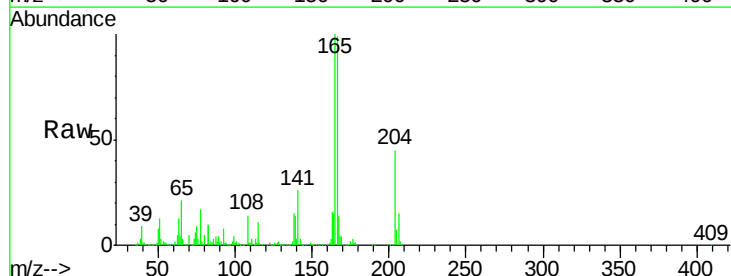


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

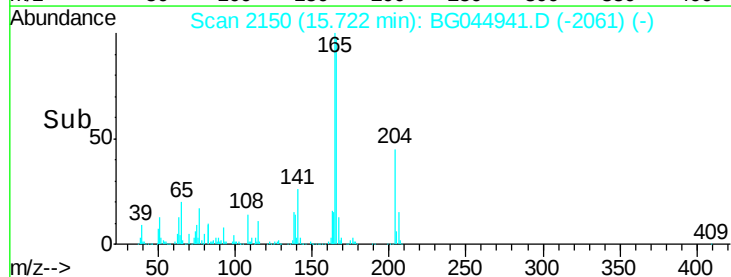
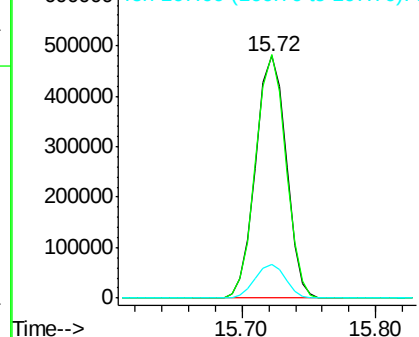


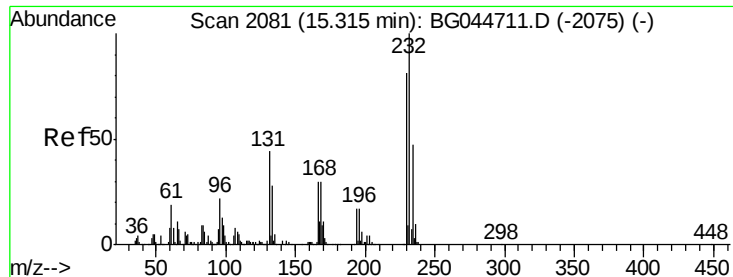
#58
Fluorene
Concen: 47.33 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion:166 Resp: 758465
Ion Ratio Lower Upper
166 100
165 100.6 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

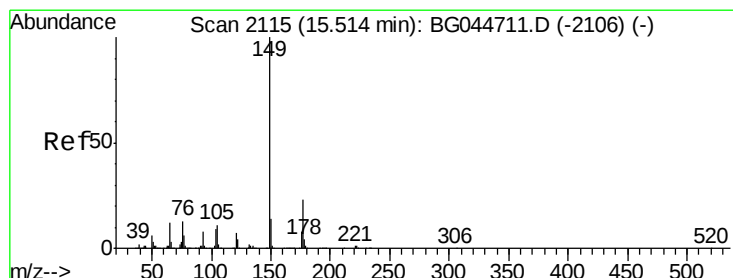
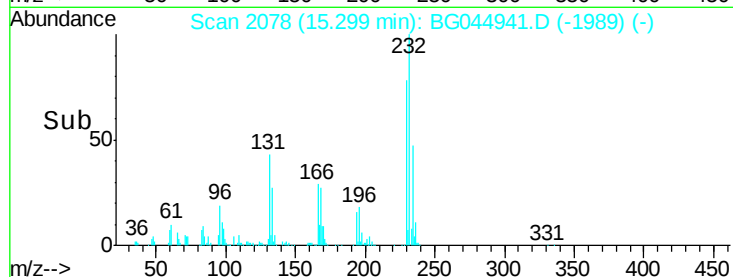
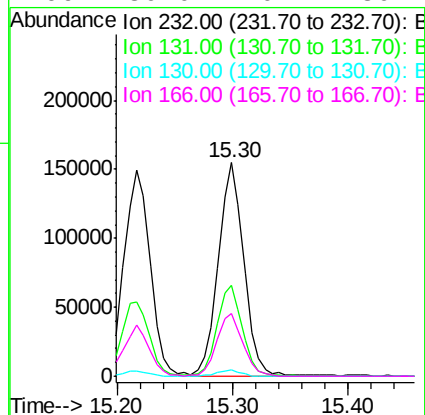
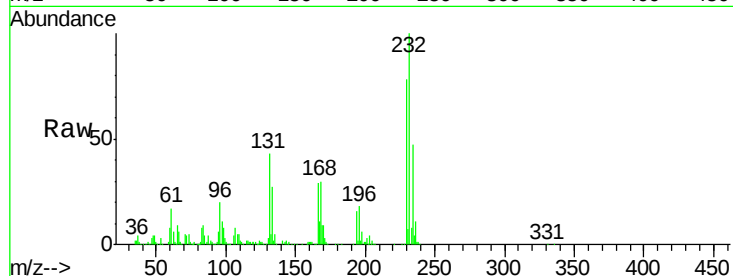




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.73 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

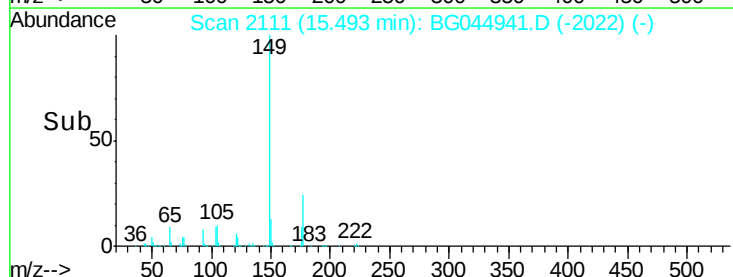
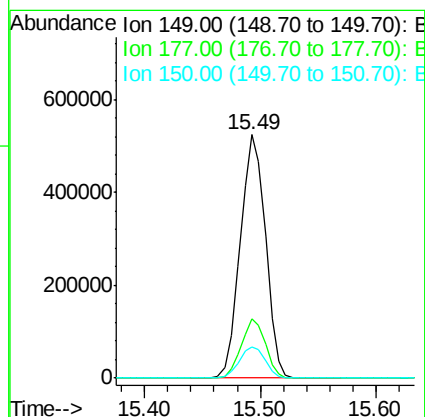
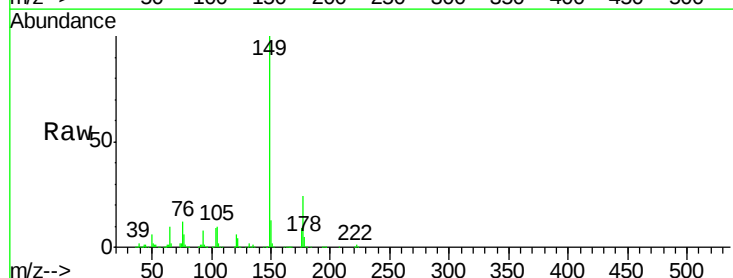
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

Tgt Ion:	232	Resp:	235985
Ion	Ratio	Lower	Upper
232	100		
131	41.8	31.8	47.8
130	2.6	2.2	3.2
166	30.0	20.2	30.2



#60
 Diethylphthalate
 Concen: 44.44 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion:	149	Resp:	791689
Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.3	28.9
150	12.9	11.0	16.6

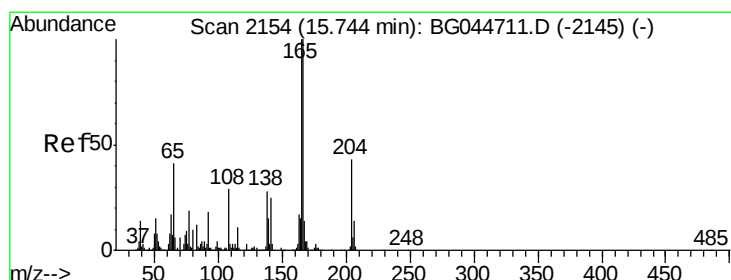
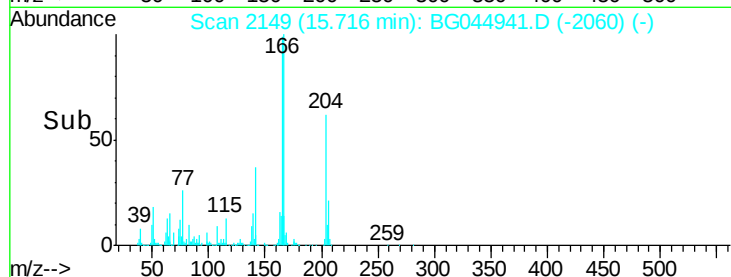
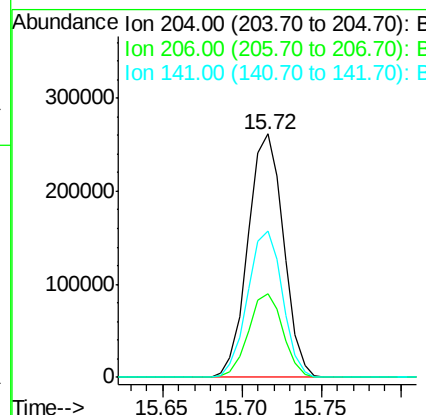
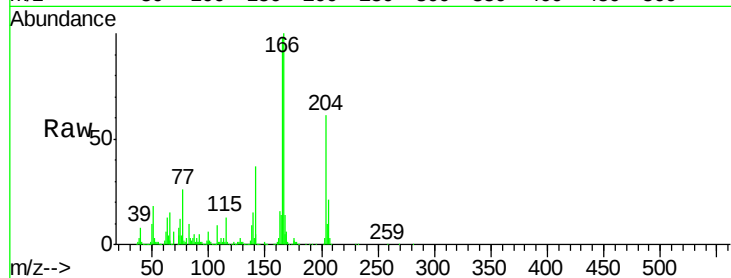




#61
 4-Chlorophenyl-phenylether
 Concen: 47.20 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

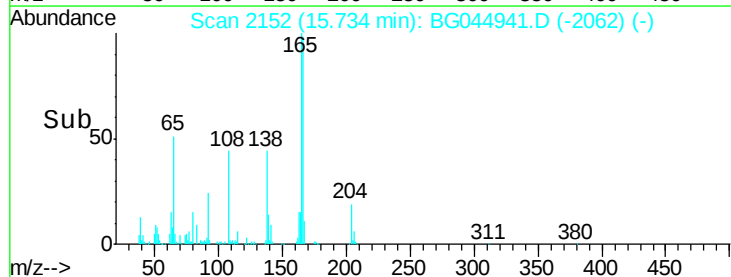
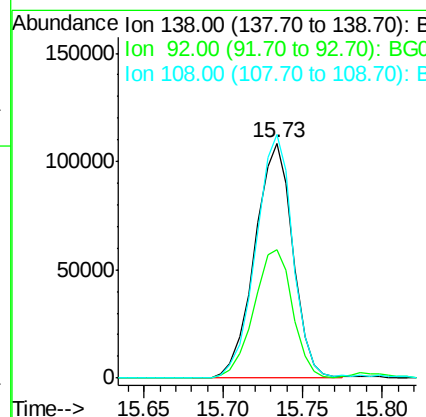
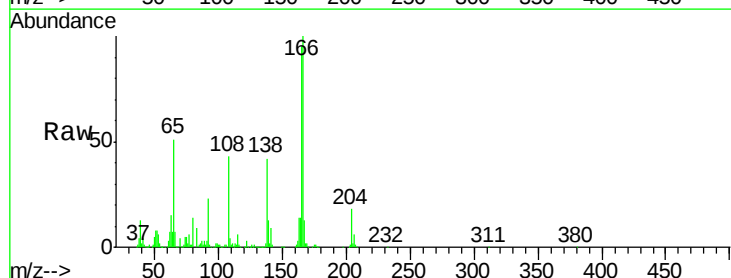
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

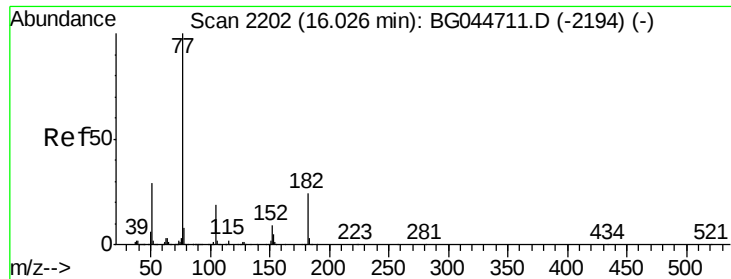
Tgt Ion:204 Resp: 407223
 Ion Ratio Lower Upper
 204 100
 206 34.3 26.2 39.2
 141 60.1 47.7 71.5



#62
 4-Nitroaniline
 Concen: 42.84 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion:138 Resp: 180809
 Ion Ratio Lower Upper
 138 100
 92 54.7 34.5 74.5
 108 103.8 74.5 114.5





#63

Azobenzene

Concen: 42.82 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

Tgt Ion: 77 Resp: 792281

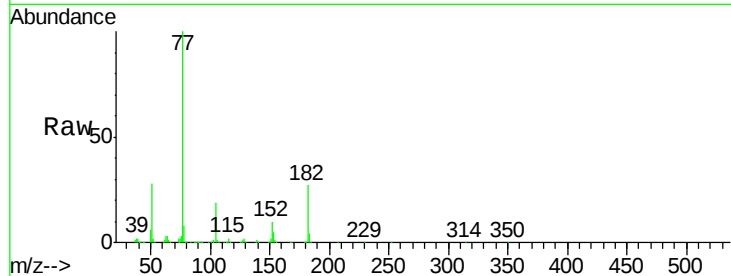
Ion Ratio Lower Upper

77 100

182 27.2 6.4 46.4

105 19.4 0.0 39.1

51 28.4 7.3 47.3

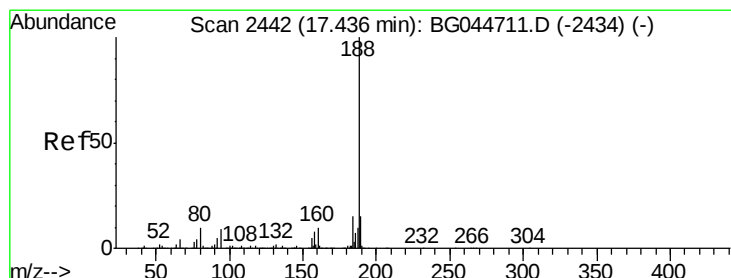
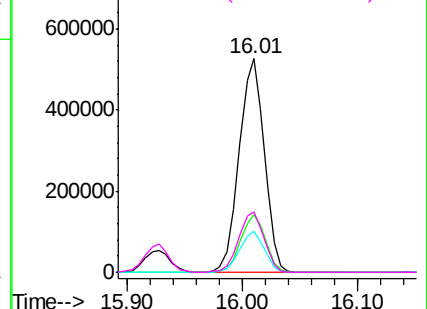
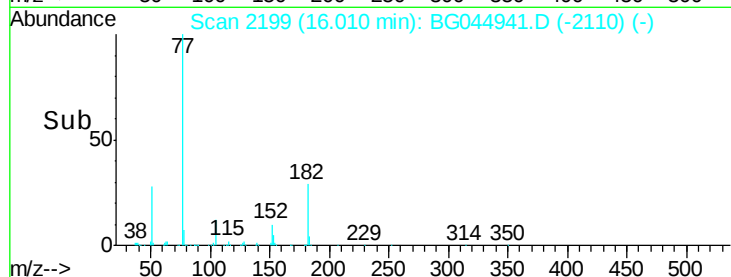


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044941.D

Acq: 24 Mar 2020 22:05

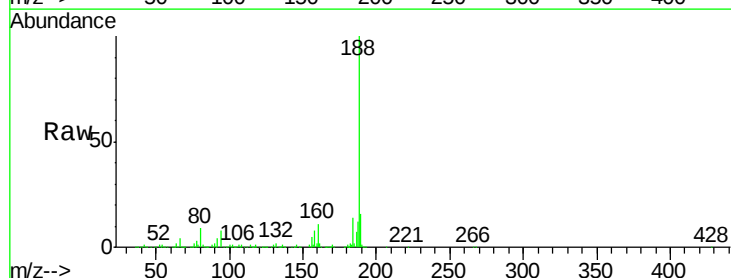
Tgt Ion: 188 Resp: 484268

Ion Ratio Lower Upper

188 100

94 7.6 7.3 10.9

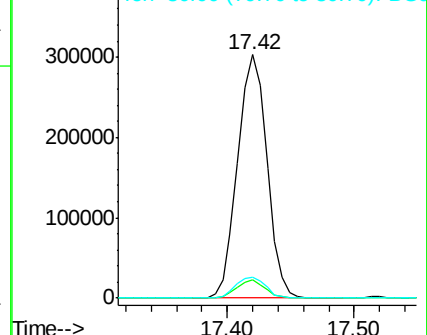
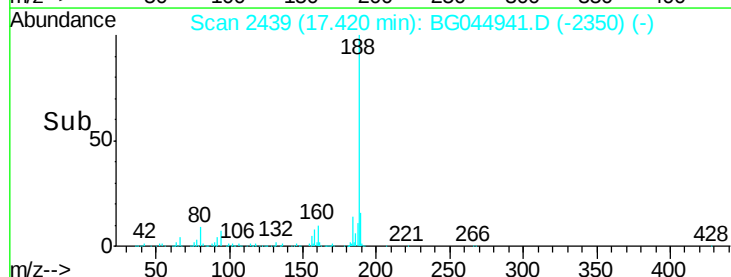
80 8.7 8.0 12.0

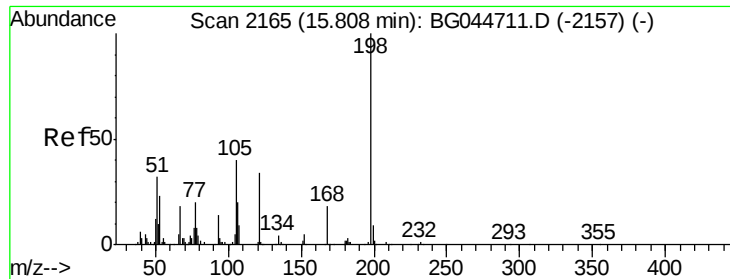


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

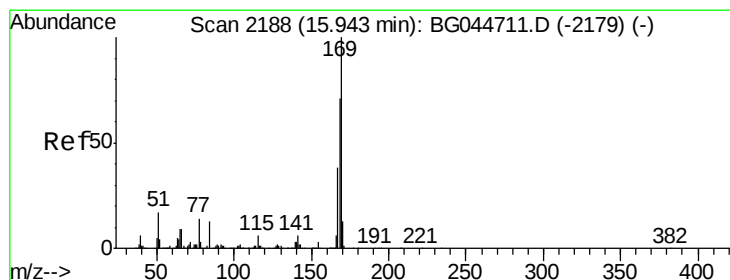
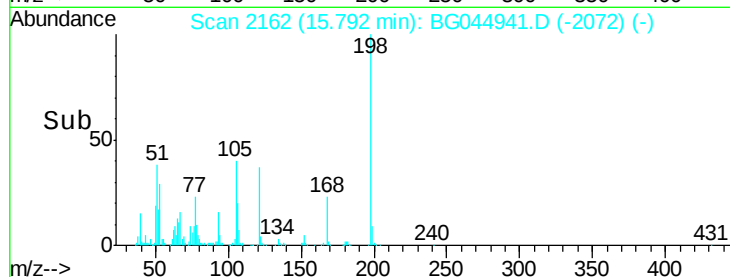
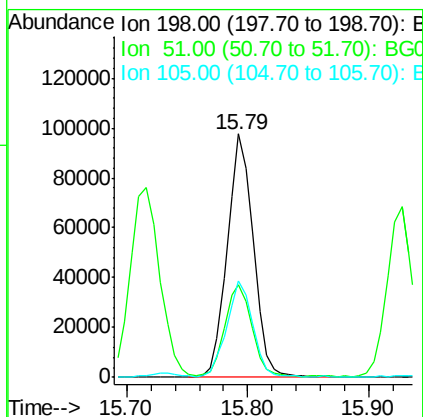
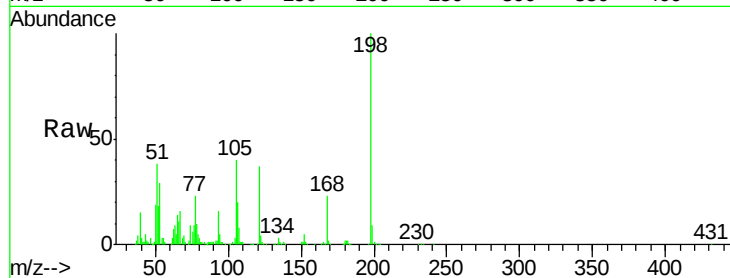




#65
 4,6-Dinitro-2-methylphenol
 Concen: 61.83 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

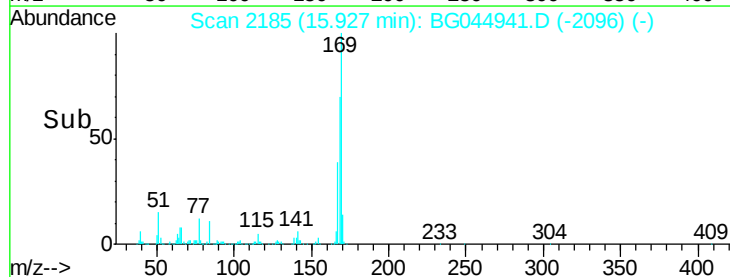
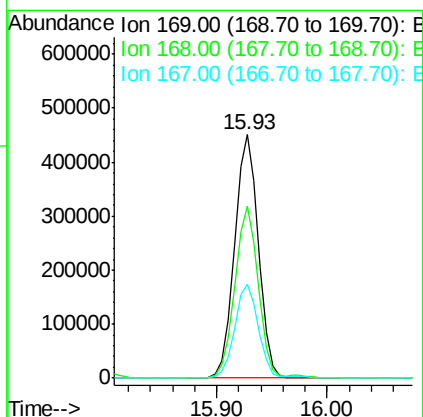
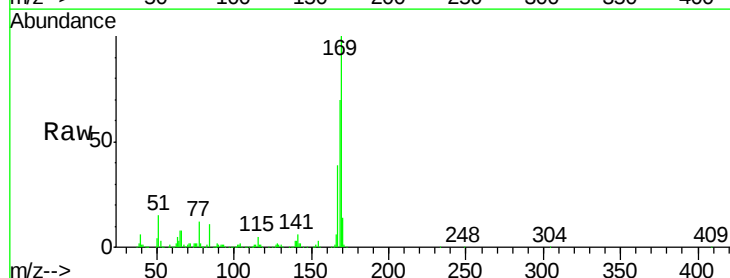
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

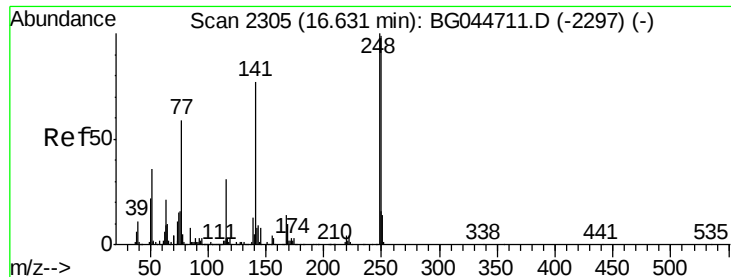
Tgt Ion:198 Resp: 146945
 Ion Ratio Lower Upper
 198 100
 51 37.8 21.1 61.1
 105 39.6 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 46.49 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion:169 Resp: 677794
 Ion Ratio Lower Upper
 169 100
 168 70.5 55.4 83.2
 167 38.6 30.1 45.1

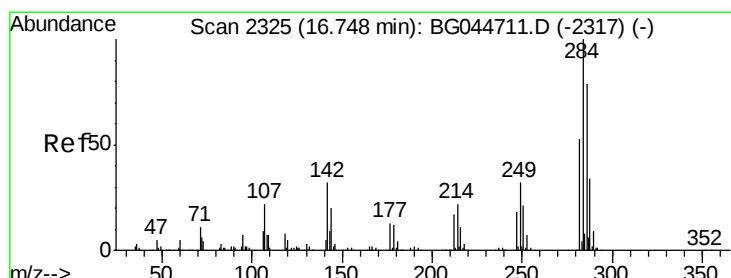
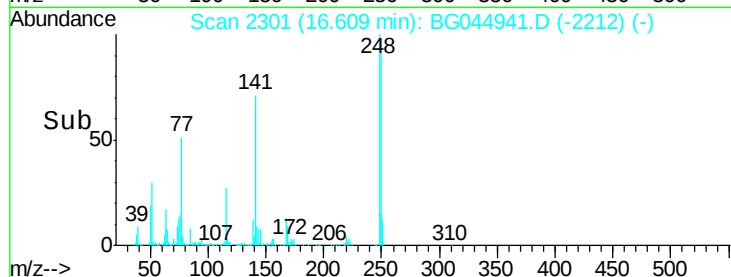
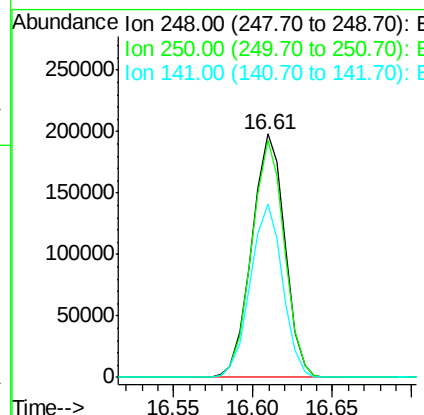
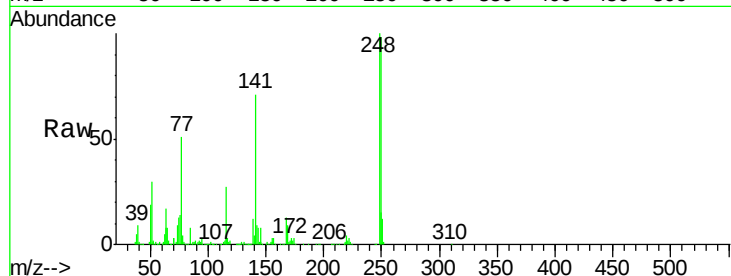




#67
 4-Bromophenyl-phenylether
 Concen: 47.51 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

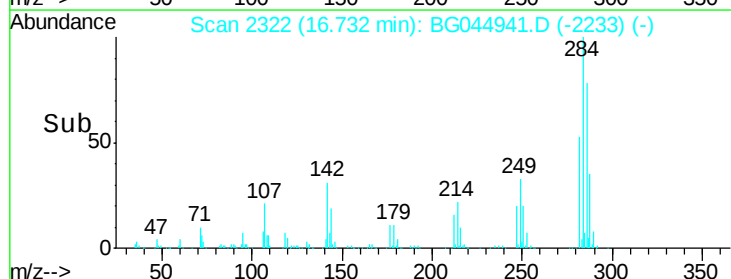
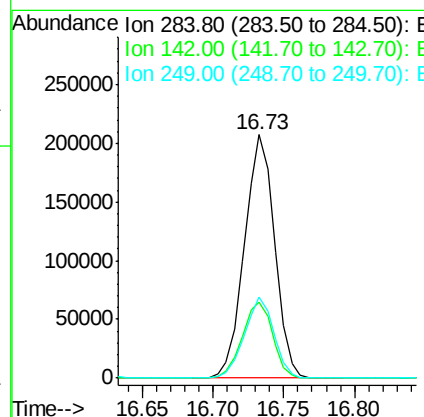
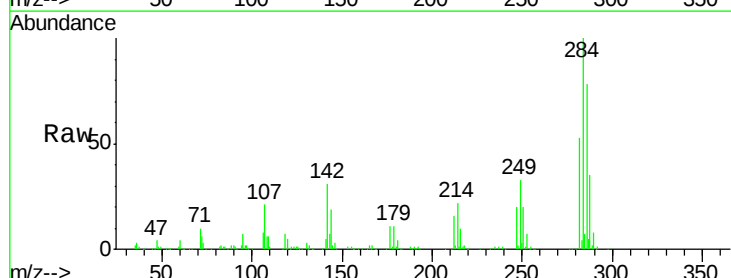
Instrument :
 BNA_G
 ClientSampleId :
 PB127786BS

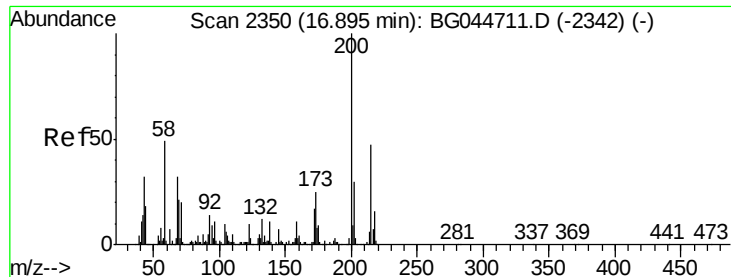
Tgt Ion:248 Resp: 287619
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.9 116.9
 141 71.2 57.5 86.3



#68
 Hexachlorobenzene
 Concen: 47.06 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG044941.D
 Acq: 24 Mar 2020 22:05

Tgt Ion:284 Resp: 309065
 Ion Ratio Lower Upper
 284 100
 142 31.1 25.0 37.6
 249 33.3 25.8 38.8





#69

Atrazine

Concen: 51.98 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

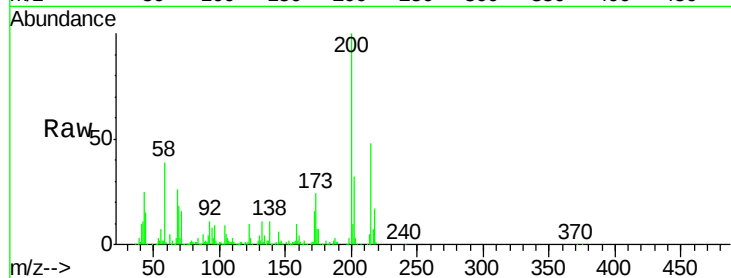
Tgt Ion:200 Resp: 277676

Ion Ratio Lower Upper

200 100

173 23.6 5.3 45.3

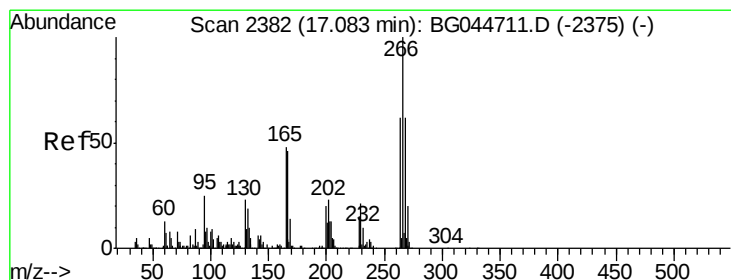
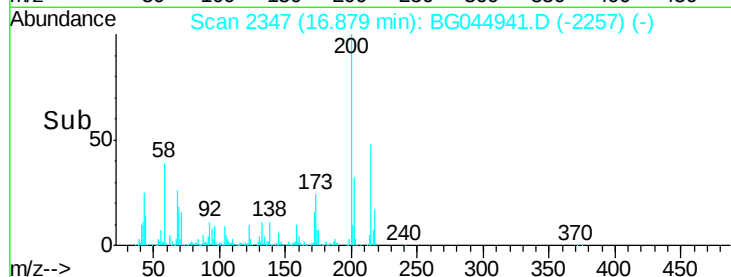
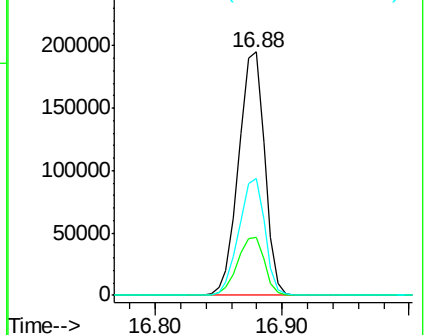
215 47.8 28.9 68.9



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: 103.88 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

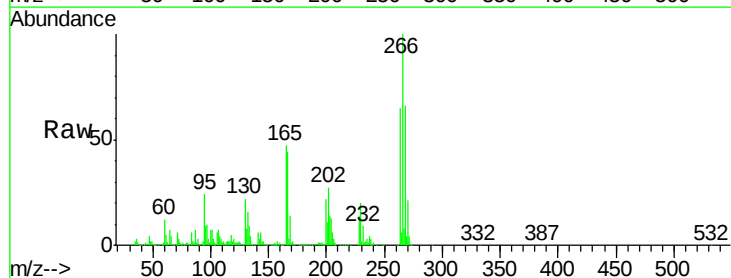
Tgt Ion:266 Resp: 375411

Ion Ratio Lower Upper

266 100

268 65.6 50.3 75.5

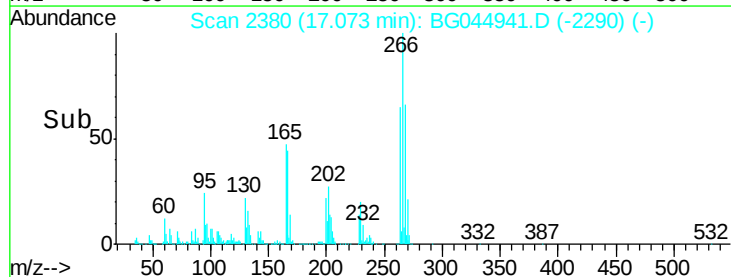
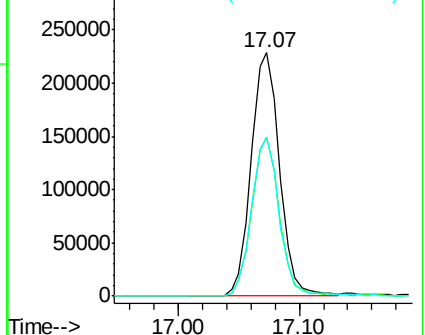
264 65.3 51.4 77.2

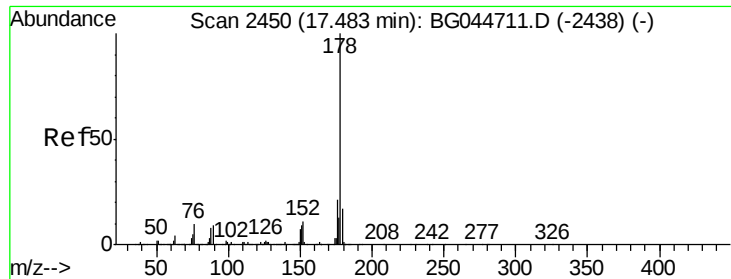


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.63 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

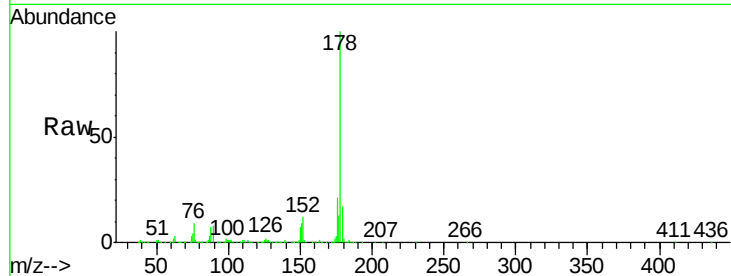
Tgt Ion:178 Resp: 1206661

Ion Ratio Lower Upper

178 100

176 21.2 16.6 24.8

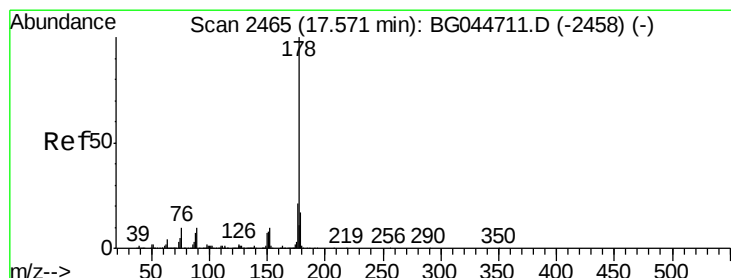
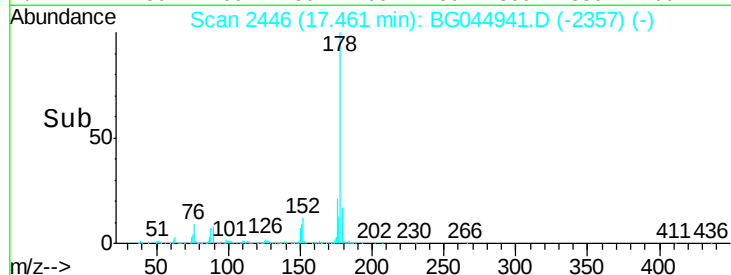
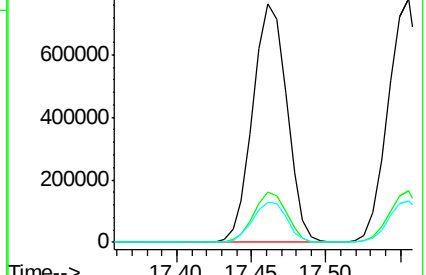
179 17.0 13.5 20.3



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: 48.27 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

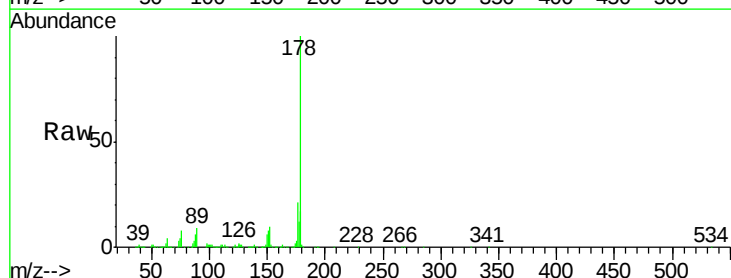
Tgt Ion:178 Resp: 1231633

Ion Ratio Lower Upper

178 100

176 21.0 15.9 23.9

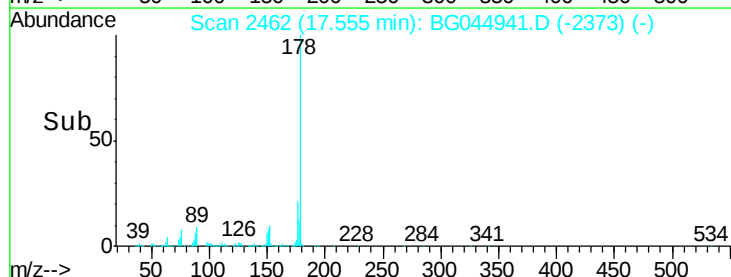
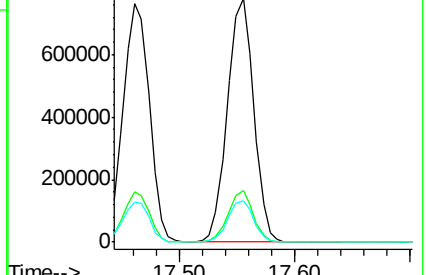
179 17.1 13.2 19.8

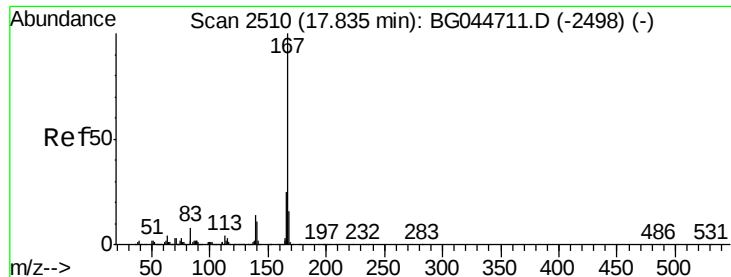


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.36 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

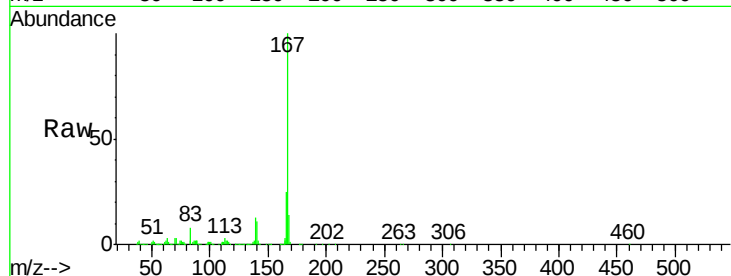
Tgt Ion:167 Resp: 1160983

Ion Ratio Lower Upper

167 100

166 24.9 18.8 28.2

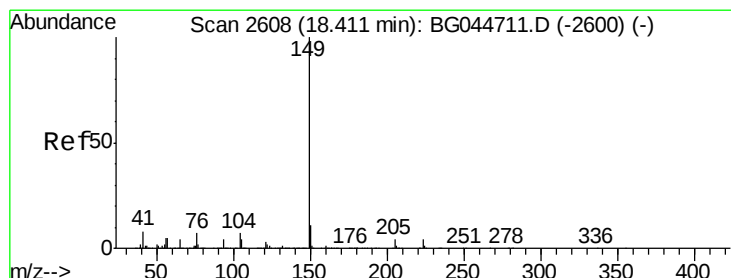
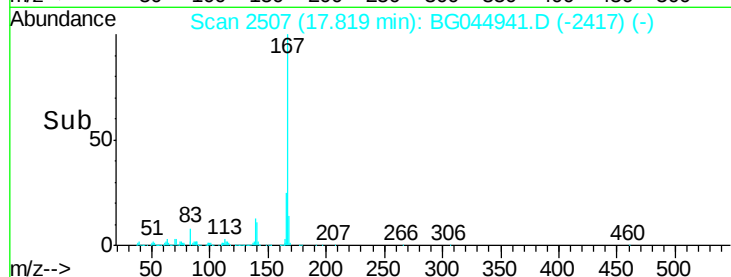
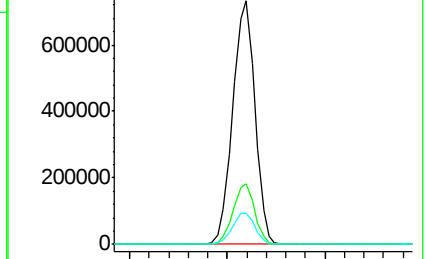
139 13.0 10.8 16.2



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: 45.95 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

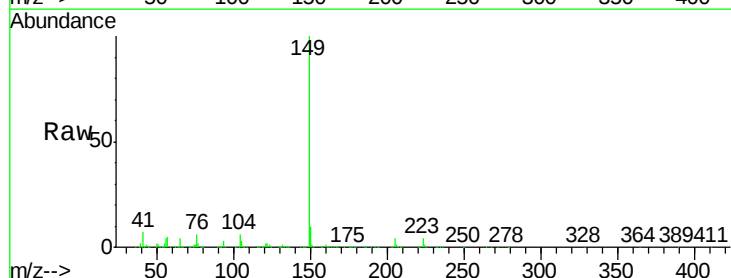
Tgt Ion:149 Resp: 1369163

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

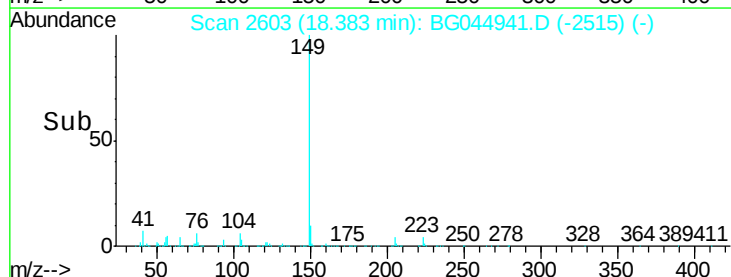
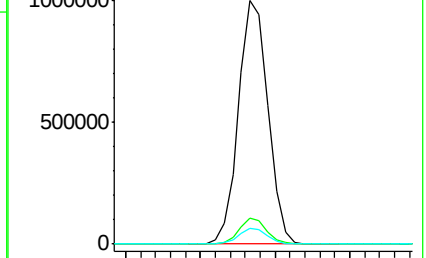
104 6.4 5.0 7.4

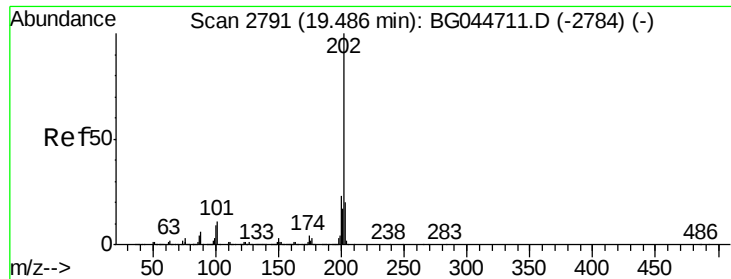


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.86 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

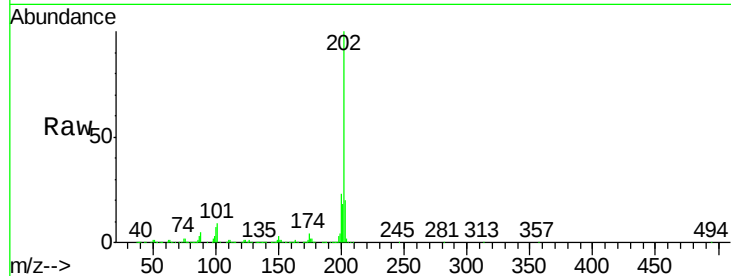
Tgt Ion:202 Resp: 1505412

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.8

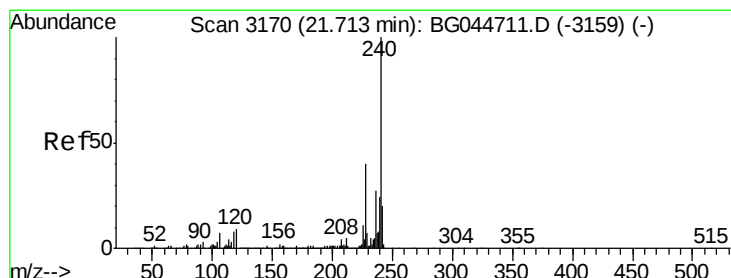
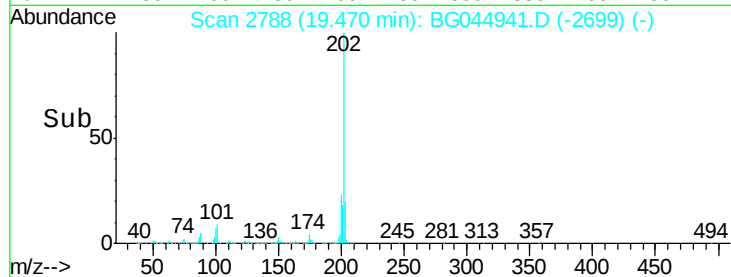
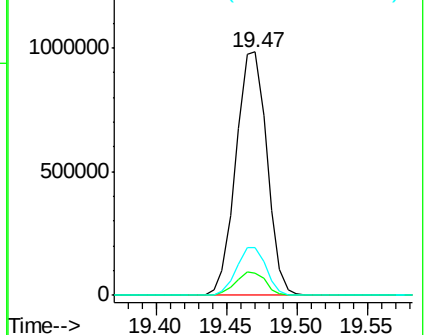
203 19.8 0.0 39.4



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: BG044941.D

Acq: 24 Mar 2020 22:05

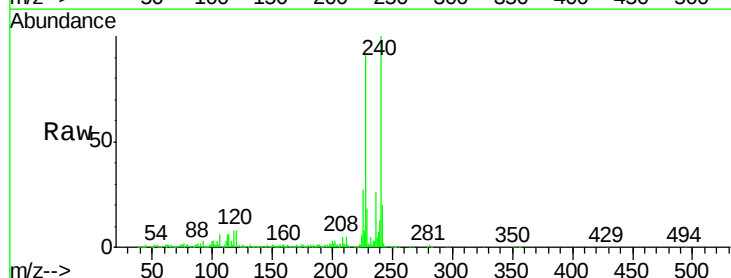
Tgt Ion:240 Resp: 461723

Ion Ratio Lower Upper

240 100

120 7.7 6.7 10.1

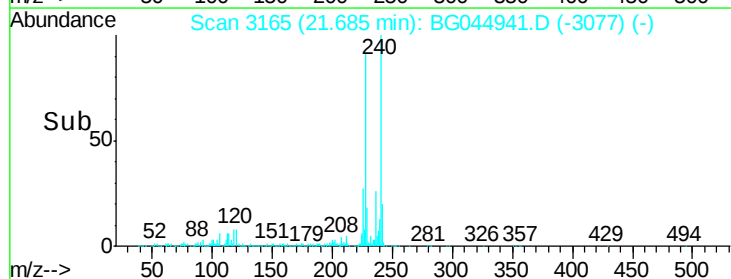
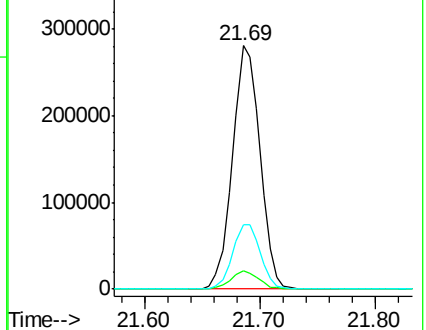
236 26.2 21.5 32.3



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: 50.75 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

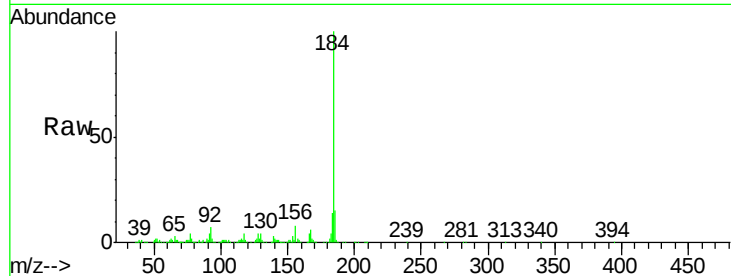
Tgt Ion:184 Resp: 760681

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.4

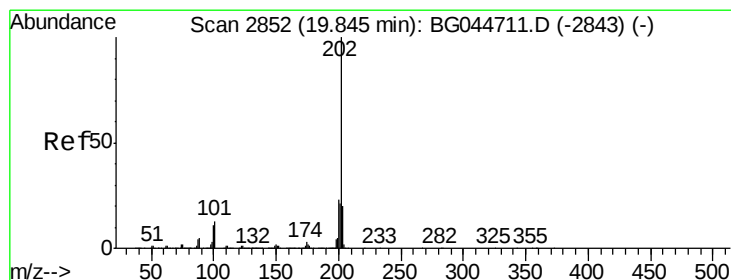
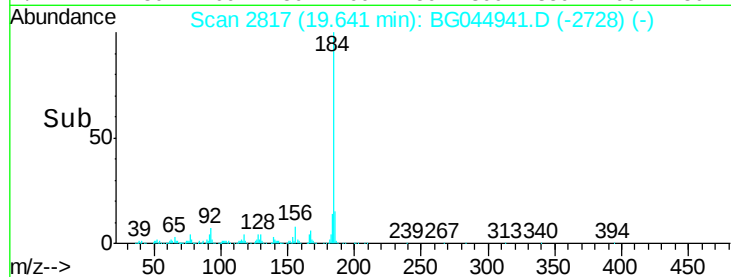
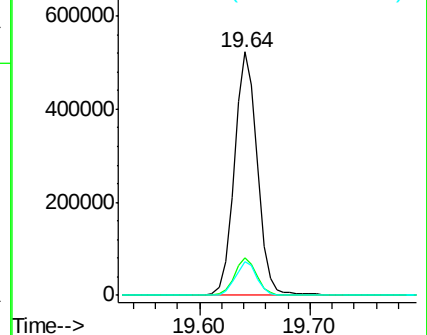
183 13.7 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.91 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

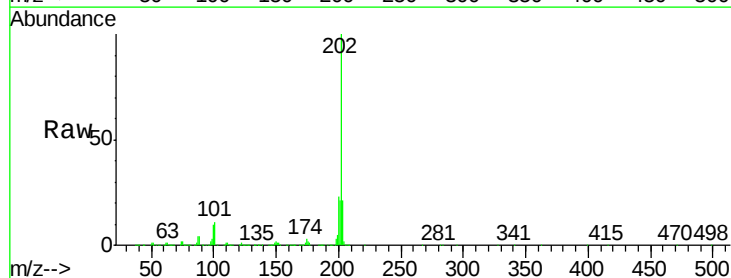
Tgt Ion:202 Resp: 1487298

Ion Ratio Lower Upper

202 100

200 23.3 18.3 27.5

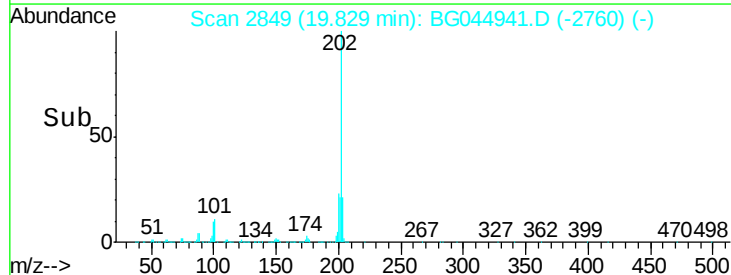
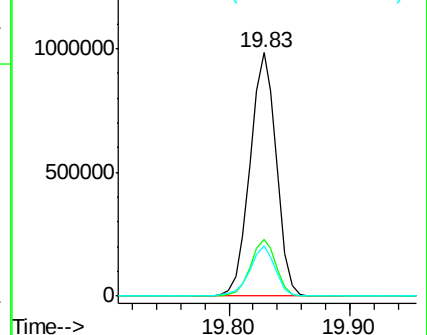
203 20.5 15.6 23.4

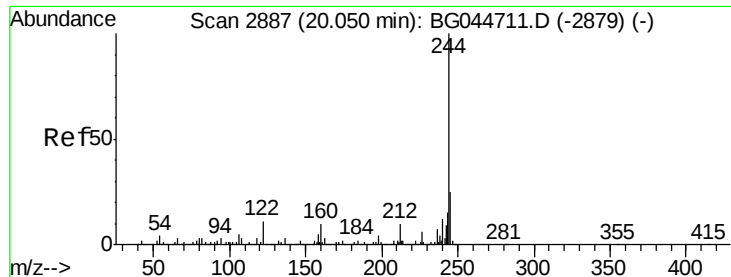


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.78 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

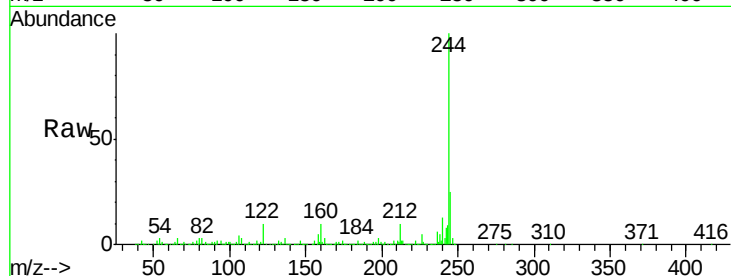
Tgt Ion:244 Resp: 2216180

Ion Ratio Lower Upper

244 100

212 10.0 7.7 11.5

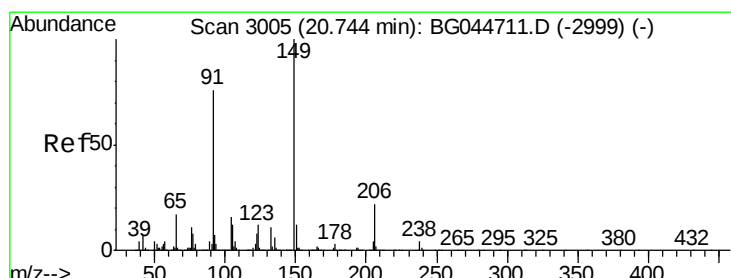
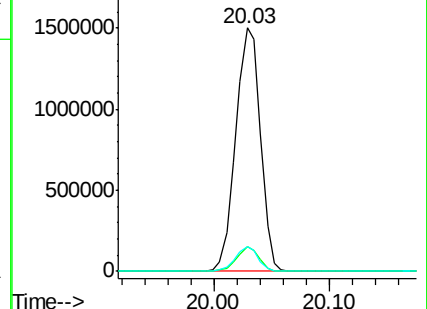
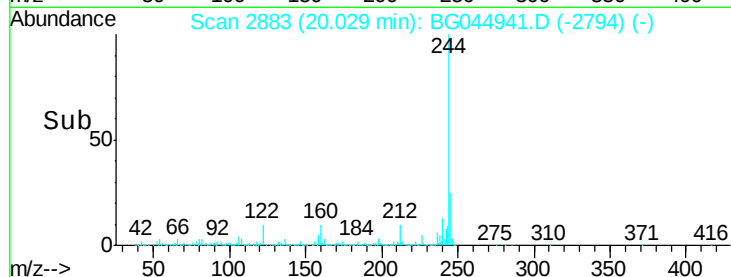
122 10.2 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.48 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

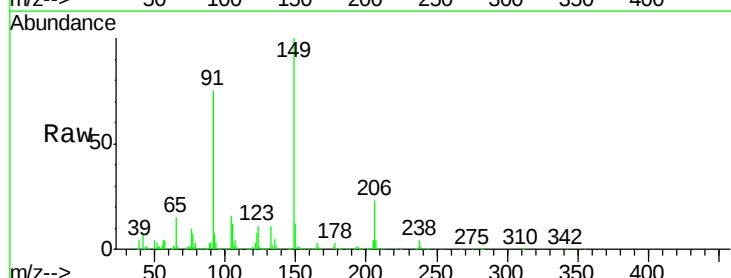
Tgt Ion:149 Resp: 640134

Ion Ratio Lower Upper

149 100

91 75.3 60.2 90.4

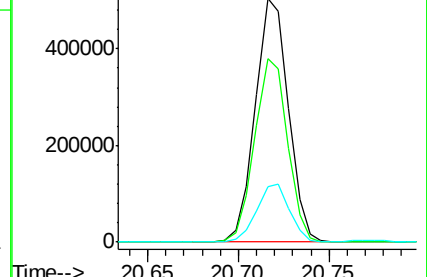
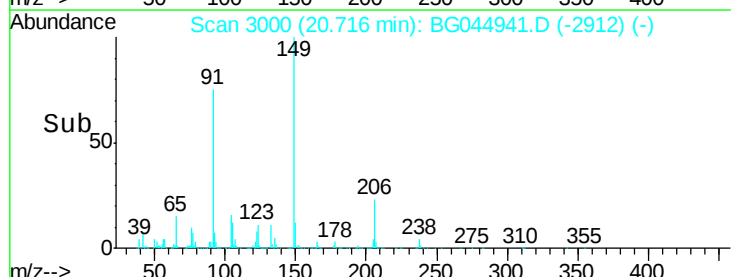
206 22.8 18.6 27.8

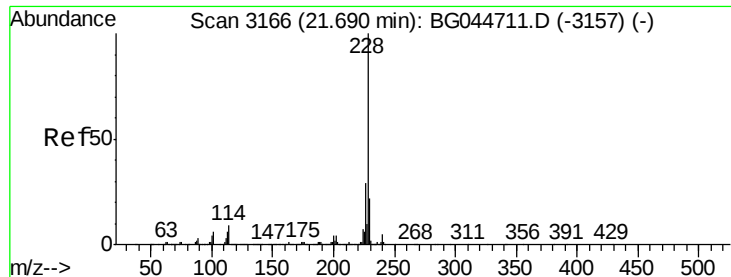


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

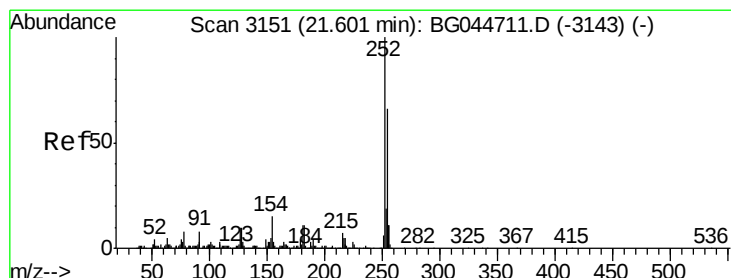
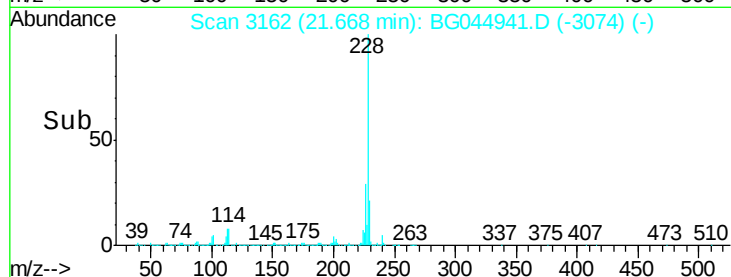
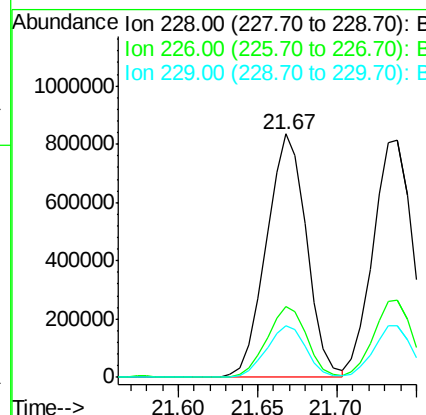
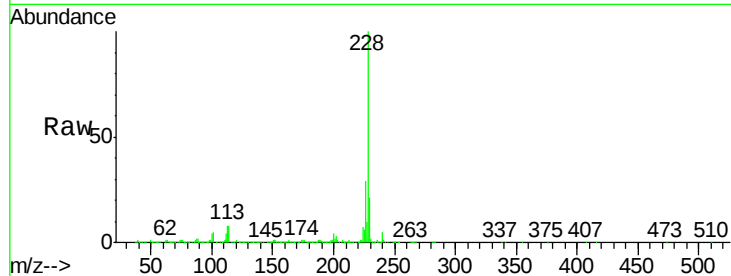




#81
Benzo(a)anthracene
Concen: 44.13 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

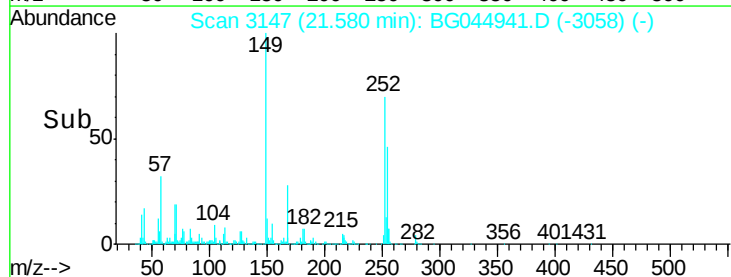
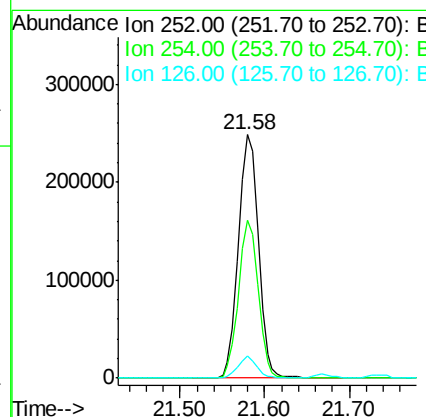
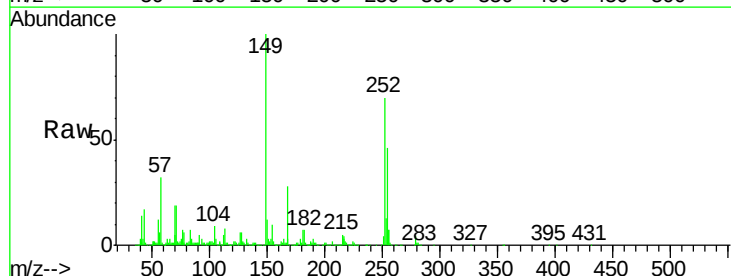
Instrument :
BNA_G
ClientSampled :
PB127786BS

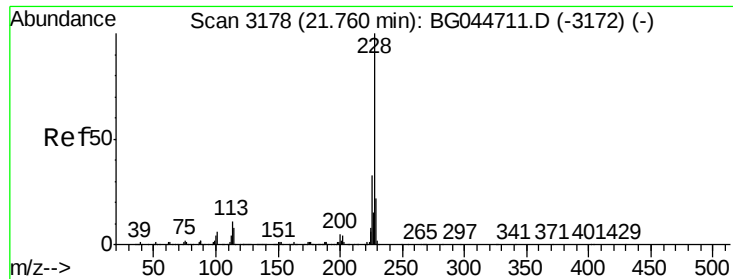
Tgt Ion:228 Resp: 1467321
Ion Ratio Lower Upper
228 100
226 28.9 23.6 35.4
229 21.2 17.1 25.7



#82
3,3'-Dichlorobenzidine
Concen: 31.39 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG044941.D
Acq: 24 Mar 2020 22:05

Tgt Ion:252 Resp: 403793
Ion Ratio Lower Upper
252 100
254 64.7 51.6 77.4
126 9.0 7.0 10.6





#83

Chrysene

Concen: 44.39 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampled :

PB127786BS

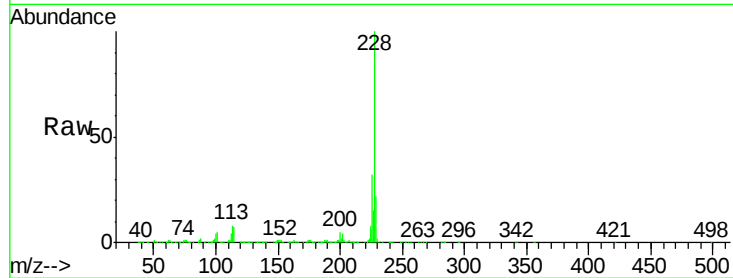
Tgt Ion:228 Resp: 1409727

Ion Ratio Lower Upper

228 100

226 32.5 25.9 38.9

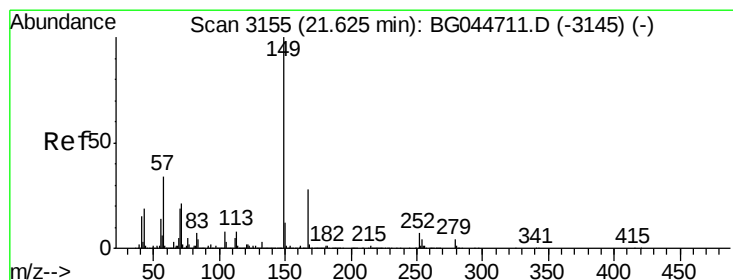
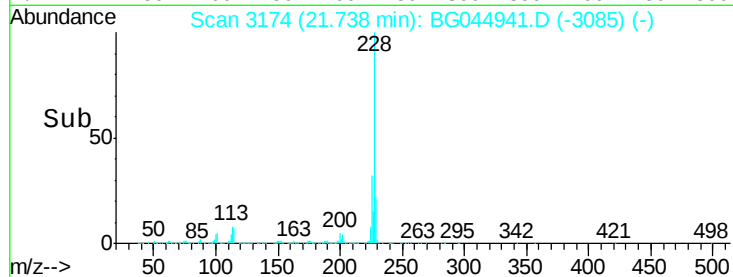
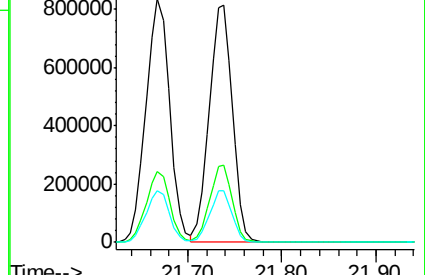
229 21.6 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.59 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

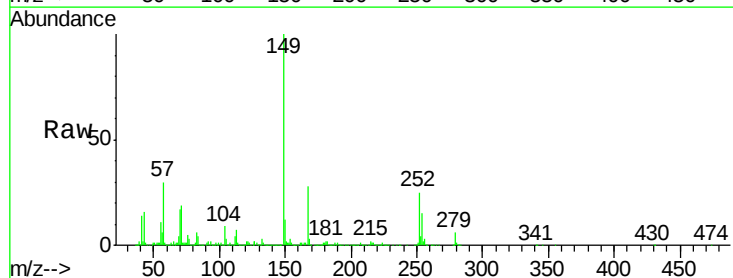
Tgt Ion:149 Resp: 885788

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

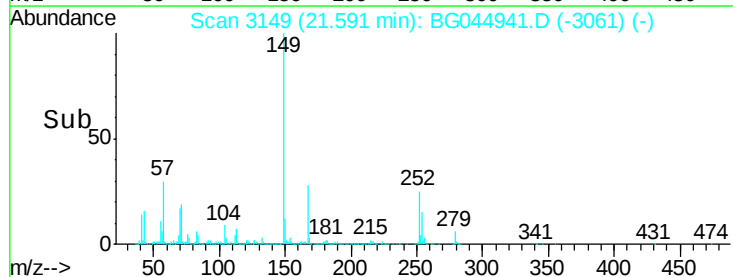
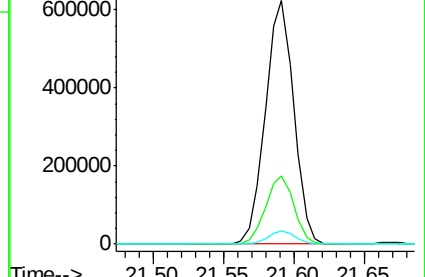
279 5.6 3.8 5.6

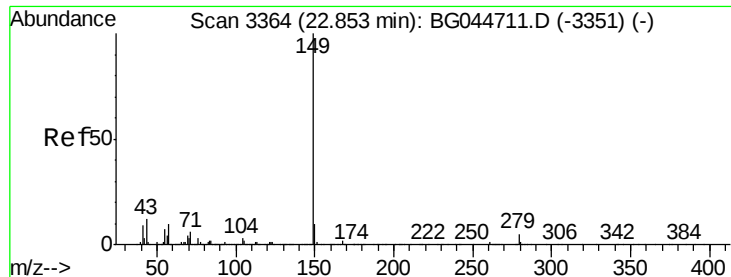


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.43 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.02 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

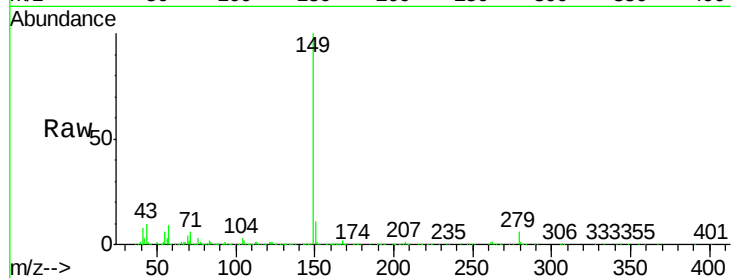
Tgt Ion:149 Resp: 1511477

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

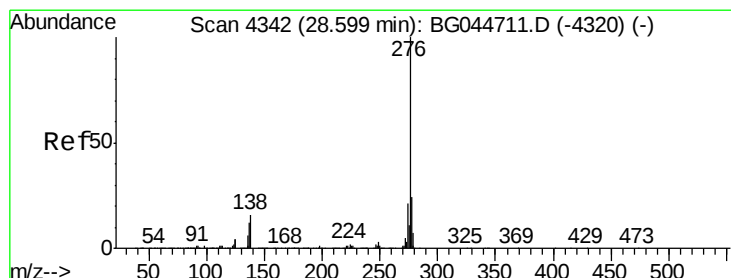
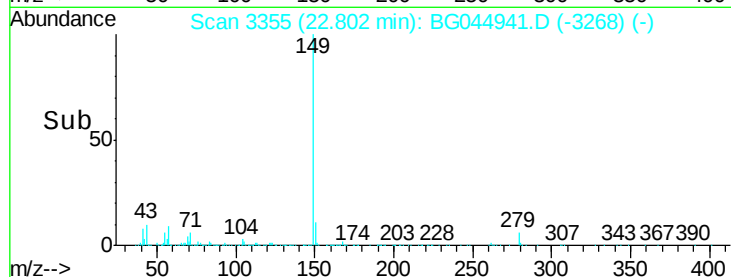
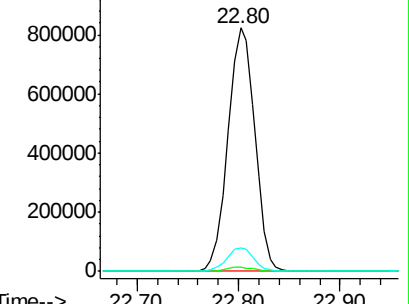
43 9.6 8.2 12.4



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.90 ng

RT: 28.53 min Scan# 4330

Delta R.T. -0.04 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

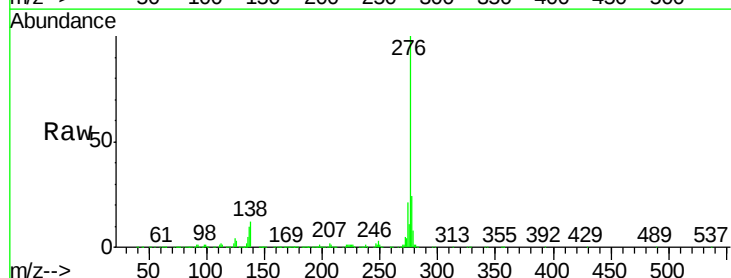
Tgt Ion:276 Resp: 1911085

Ion Ratio Lower Upper

276 100

138 13.2 7.4 11.0#

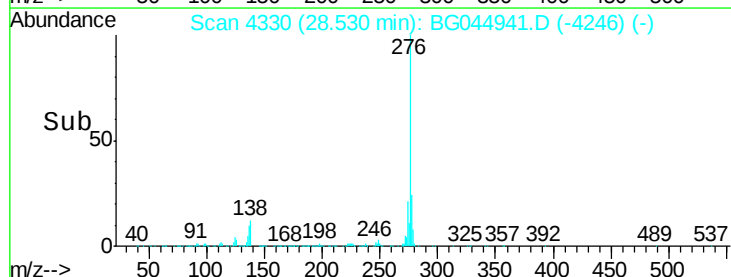
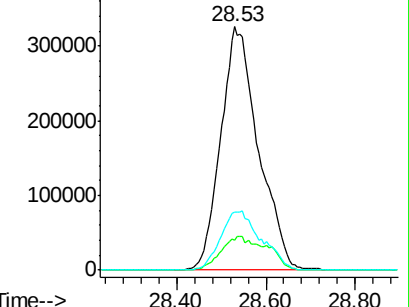
277 26.0 20.8 31.2

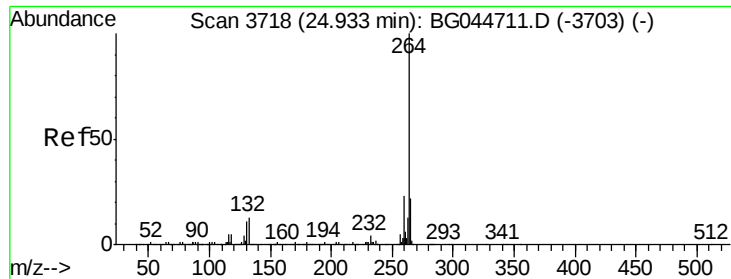


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

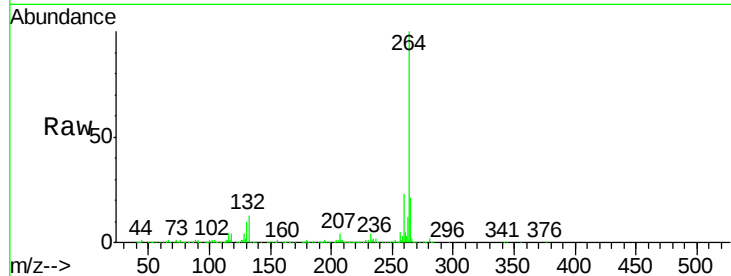
Tgt Ion:264 Resp: 517371

Ion Ratio Lower Upper

264 100

260 22.9 18.1 27.1

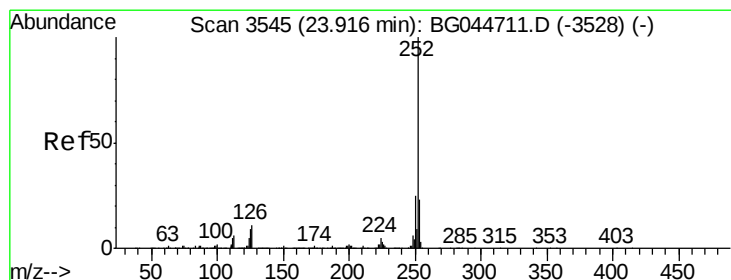
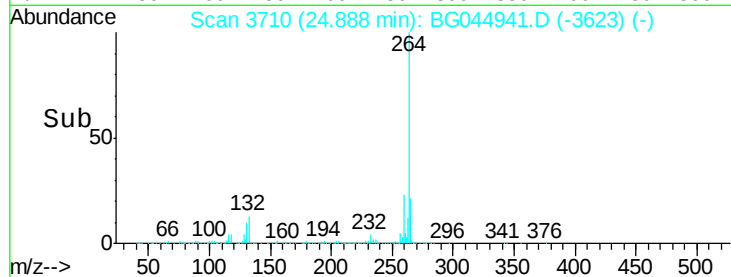
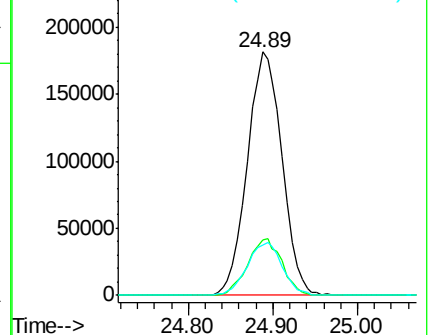
265 20.8 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.54 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

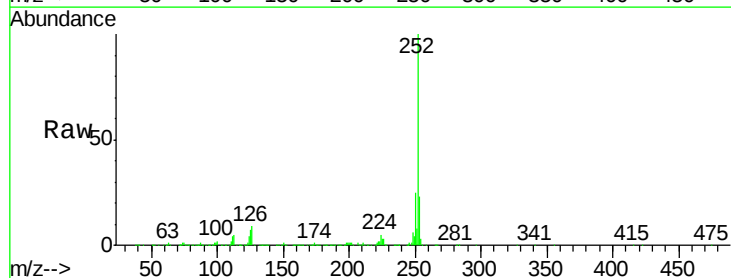
Tgt Ion:252 Resp: 1623898

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

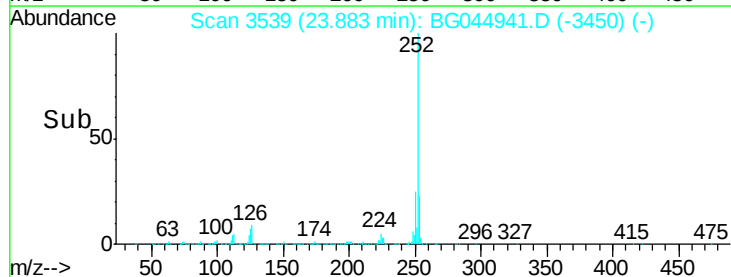
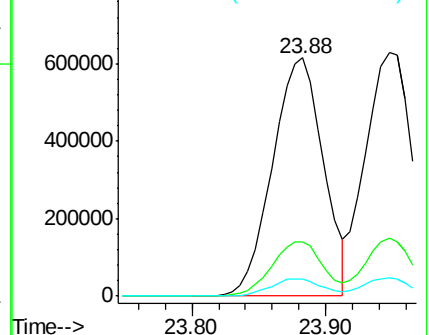
125 7.0 6.6 9.8

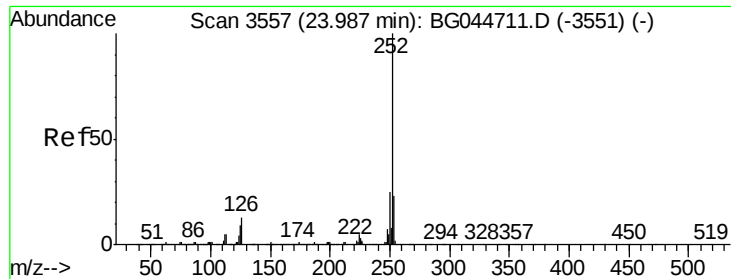


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.67 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

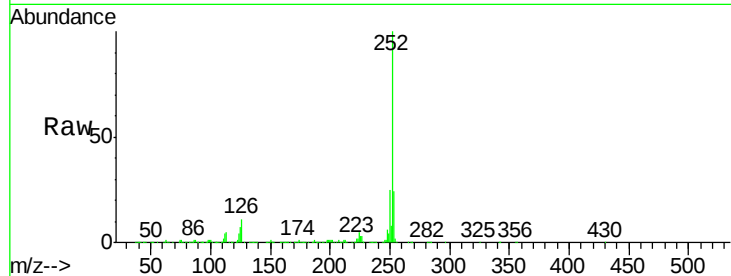
Tgt Ion:252 Resp: 1540696

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

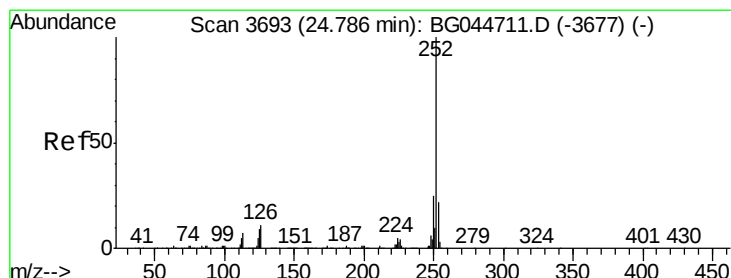
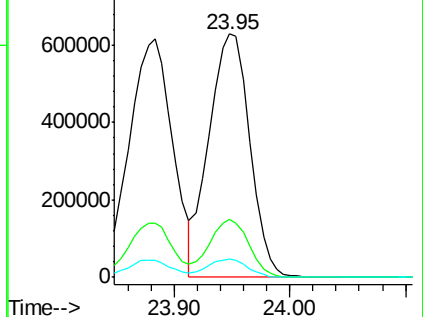
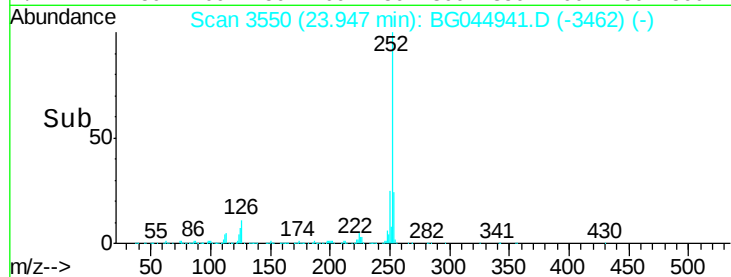
125 7.4 6.2 9.2



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: 46.91 ng

RT: 24.75 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

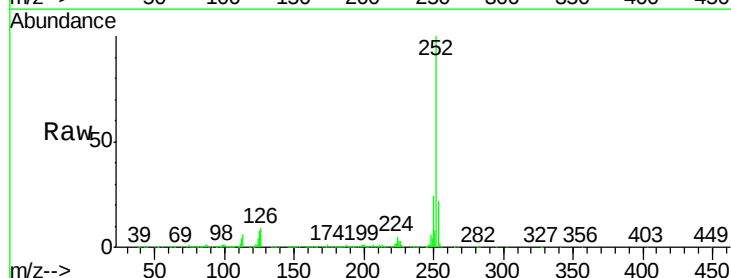
Tgt Ion:252 Resp: 1499163

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.0

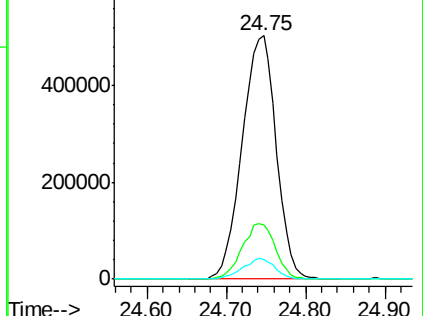
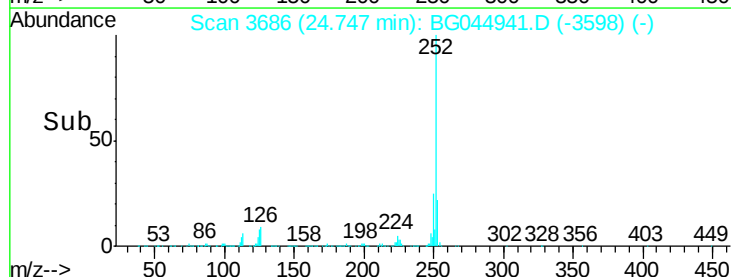
125 8.0 7.2 10.8

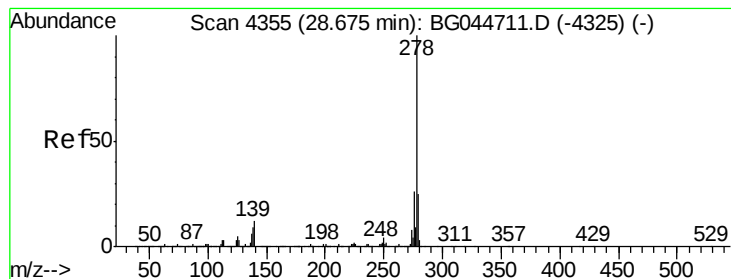


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.88 ng

RT: 28.61 min Scan# 4343

Delta R.T. -0.03 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

Instrument :

BNA_G

ClientSampleId :

PB127786BS

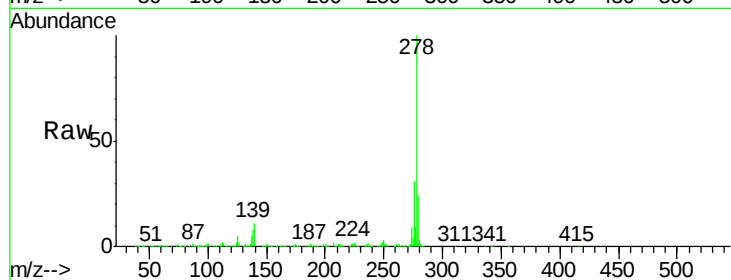
Tgt Ion:278 Resp: 1541114

Ion Ratio Lower Upper

278 100

139 11.3 10.2 15.2

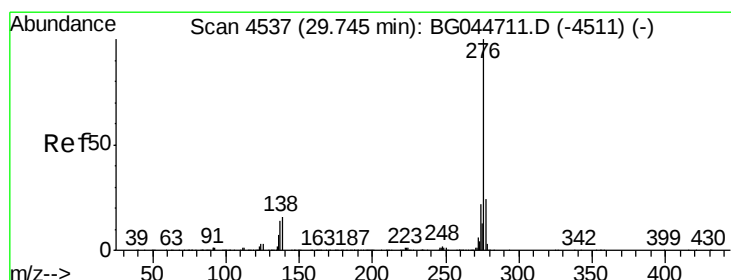
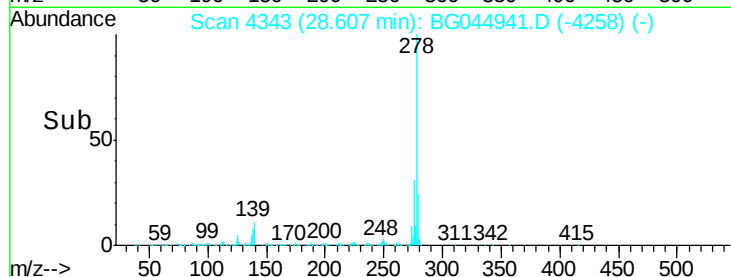
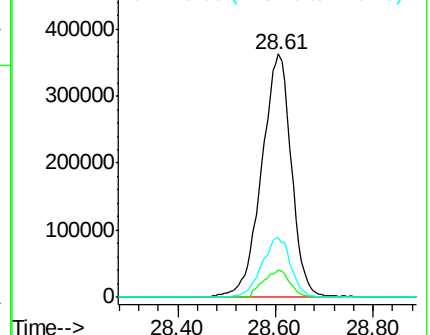
279 24.3 18.9 28.3



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: 48.70 ng

RT: 29.68 min Scan# 4526

Delta R.T. -0.03 min

Lab File: BG044941.D

Acq: 24 Mar 2020 22:05

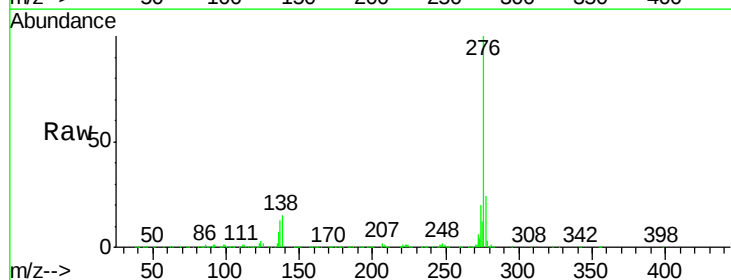
Tgt Ion:276 Resp: 1551228

Ion Ratio Lower Upper

276 100

277 24.2 20.1 30.1

138 14.6 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

