

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
 Data File : BG044870.D
 Acq On : 18 Mar 2020 19:11
 Operator : CG/JU
 Sample : PB127635BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Quant Time: Mar 19 01:42:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	96041	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	363031	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	244399	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	548754	20.00	ng	0.00
76) Chrysene-d12	21.69	240	496611	20.00	ng	0.00
87) Perylene-d12	24.89	264	544533	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	683597	110.80	ng	0.00
7) Phenol-d6	7.21	99	963005	107.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	535073	64.68	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	385027	120.32	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1120281	65.64	ng	0.00
79) Terphenyl-d14	20.03	244	1741037	65.58	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.51	88	105483	35.50 ng	93
3) Pyridine	3.91	79	244499	27.80 ng	99
4) n-Nitrosodimethylamine	3.82	42	122779	36.79 ng	# 96
6) Aniline	7.37	93	327523	29.36 ng	97
8) 2-Chlorophenol	7.61	128	254962	41.40 ng	98
9) Benzaldehyde	7.17	77	112200	16.96 ng	91
10) Phenol	7.23	94	357708	40.31 ng	99
11) bis(2-Chloroethyl)ether	7.46	93	257258	36.32 ng	97
12) 1,3-Dichlorobenzene	7.94	146	275642	36.33 ng	98
13) 1,4-Dichlorobenzene	8.08	146	281053	37.47 ng	95
14) 1,2-Dichlorobenzene	8.40	146	262712	36.93 ng	96
15) Benzyl Alcohol	8.28	79	273547	38.03 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	382750	30.62 ng	98
17) 2-Methylphenol	8.48	107	240904	40.07 ng	97
18) Hexachloroethane	9.14	117	109525	37.09 ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	214632	33.91 ng	99
20) 3+4-Methylphenols	8.81	107	327688	39.54 ng	98
22) Acetophenone	8.87	105	389514	37.87 ng	98
24) Nitrobenzene	9.24	77	327934	38.20 ng	99
25) Isophorone	9.77	82	598317	37.06 ng	98
26) 2-Nitrophenol	9.96	139	142872	47.95 ng	100
27) 2,4-Dimethylphenol	10.02	122	244311	46.46 ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	345685	35.87 ng	99
29) 2,4-Dichlorophenol	10.50	162	261606	42.60 ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	283926	38.66 ng	95
31) Naphthalene	10.90	128	768603	38.22 ng	99
32) Benzoic acid	10.15	122	152804	39.46 ng	98
33) 4-Chloroaniline	11.00	127	204049	22.52 ng	98
34) Hexachlorobutadiene	11.20	225	184493	38.20 ng	95
35) Caprolactam	11.81	113	47775	20.55 ng	94
36) 4-Chloro-3-methylphenol	12.12	107	297175	40.57 ng	98
37) 2-Methylnaphthalene	12.51	142	579977	38.55 ng	97
38) 1-Methylnaphthalene	12.73	142	545156	38.55 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	302783	37.62 ng	99

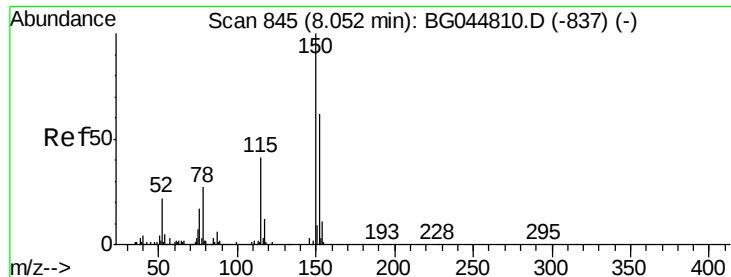
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	419533	95.38	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	229357	42.94	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	238138	42.99	ng	98
46) 1,1'-Biphenyl	13.51	154	715767	36.65	ng	99
47) 2-Chloronaphthalene	13.55	162	552026	37.00	ng	96
48) 2-Nitroaniline	13.74	65	203558	38.97	ng	97
49) Acenaphthylene	14.40	152	915540	39.17	ng	98
50) Dimethylphthalate	14.13	163	731728	37.59	ng	98
51) 2,6-Dinitrotoluene	14.24	165	169467	43.19	ng	98
52) Acenaphthene	14.74	154	666223	43.52	ng	97
53) 3-Nitroaniline	14.57	138	122516	27.16	ng	97
54) 2,4-Dinitrophenol	14.78	184	201513	96.38	ng	91
55) Dibenzofuran	15.08	168	861489	38.81	ng	99
56) 4-Nitrophenol	14.88	139	301333	87.53	ng	92
57) 2,4-Dinitrotoluene	15.03	165	232313	43.17	ng	98
58) Fluorene	15.72	166	703231	38.51	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	222197	43.57	ng	94
60) Diethylphthalate	15.50	149	753023	37.09	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	379819	38.63	ng	99
62) 4-Nitroaniline	15.73	138	169225	35.18	ng	95
63) Azobenzene	16.01	77	748641	35.51	ng	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	144016	54.52	ng	98
66) n-Nitrosodiphenylamine	15.93	169	641499	38.83	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	262582	38.28	ng	95
68) Hexachlorobenzene	16.73	284	282015	37.89	ng	98
69) Atrazine	16.88	200	272255	44.98	ng	99
70) Pentachlorophenol	17.07	266	363305	88.72	ng	99
71) Phenanthrene	17.47	178	1131988	38.60	ng	100
72) Anthracene	17.55	178	1147172	39.67	ng	99
73) Carbazole	17.82	167	1074905	38.70	ng	100
74) Di-n-butylphthalate	18.39	149	1291993	38.27	ng	99
75) Fluoranthene	19.47	202	1418149	40.62	ng	100
77) Benzidine	19.64	184	567209	35.18	ng	98
78) Pyrene	19.83	202	1406748	38.61	ng	99
80) Butylbenzylphthalate	20.72	149	608889	37.56	ng	99
81) Benzo(a)anthracene	21.67	228	1375601	38.47	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	435532	31.48	ng	96
83) Chrysene	21.74	228	1307415	38.27	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	841873	37.63	ng	99
85) Di-n-octyl phthalate	22.81	149	1445350	38.61	ng	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1721255	38.44	ng	99
88) Benzo(b)fluoranthene	23.88	252	1492755	41.52	ng	98
89) Benzo(k)fluoranthene	23.95	252	1385101	40.71	ng	98
90) Benzo(a)pyrene	24.74	252	1343103	39.93	ng	98
91) Dibenzo(a,h)anthracene	28.61	278	1397412	42.11	ng	97
92) Benzo(g,h,i)perylene	29.68	276	1424386	42.48	ng	96

(#) = 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: BG044870.D

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BNA_G

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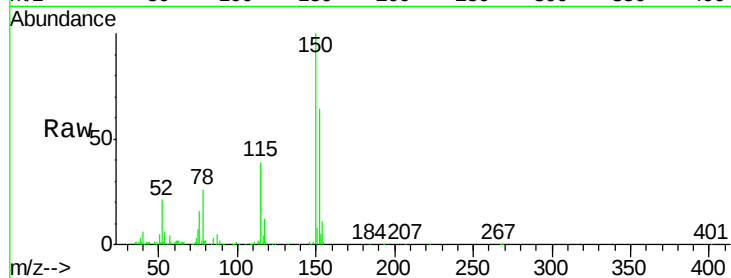
Tgt Ion:152 Resp: 96041

Ion Ratio Lower Upper

152 100

150 156.6 128.8 193.2

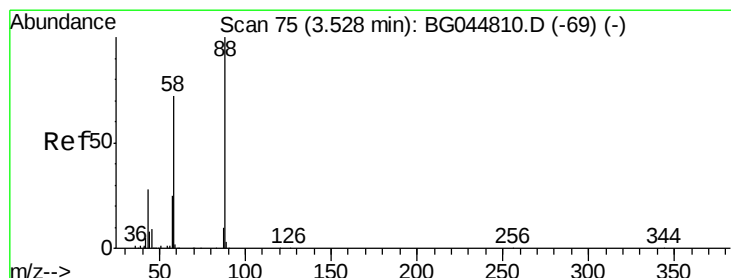
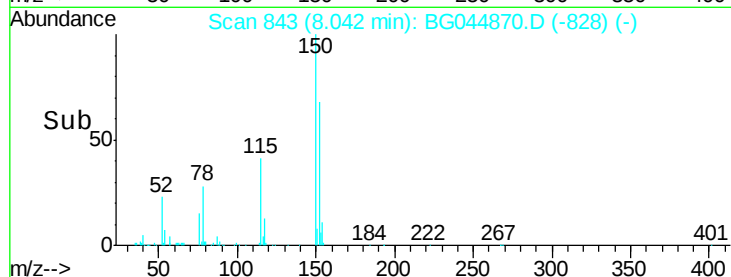
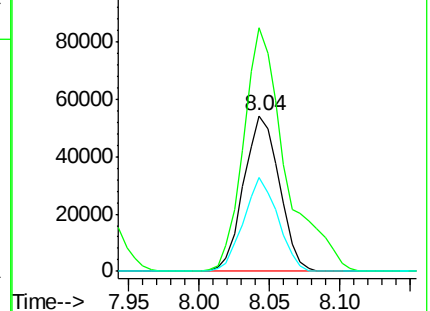
115 60.8 52.6 79.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.50 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

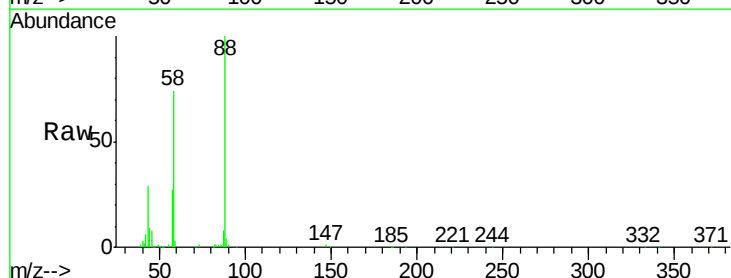
Tgt Ion: 88 Resp: 105483

Ion Ratio Lower Upper

88 100

58 73.0 63.0 94.4

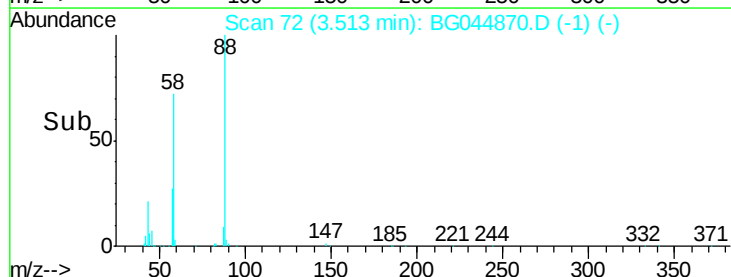
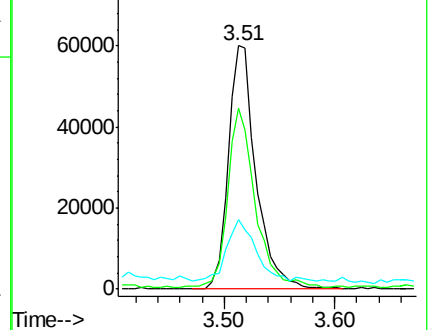
43 27.0 24.8 37.2

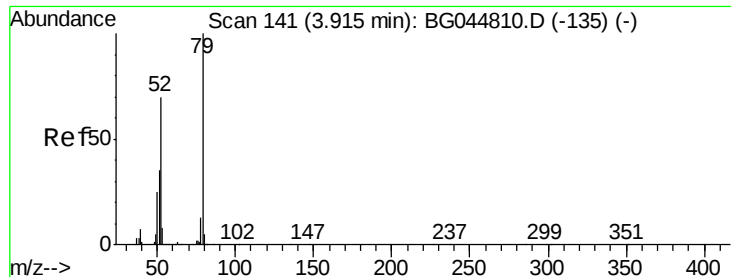


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.80 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

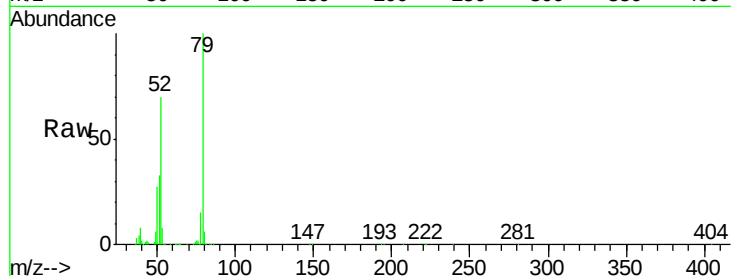
Tgt Ion: 79 Resp: 244499

Ion Ratio Lower Upper

79 100

52 70.2 56.3 84.5

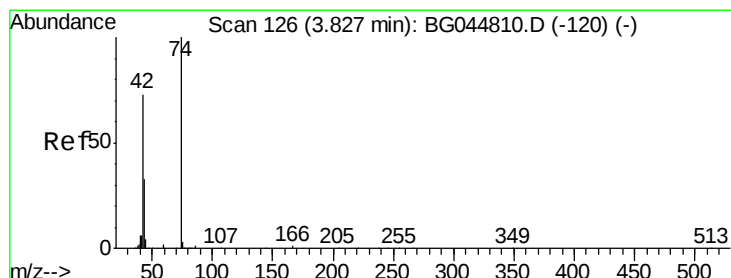
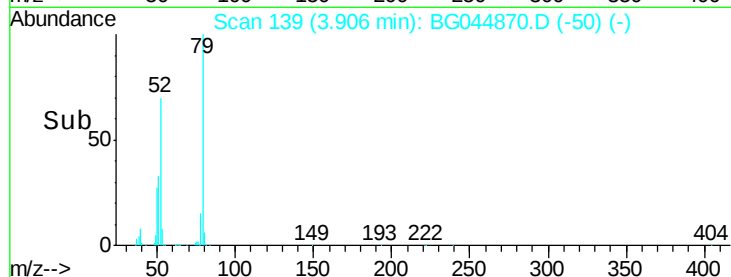
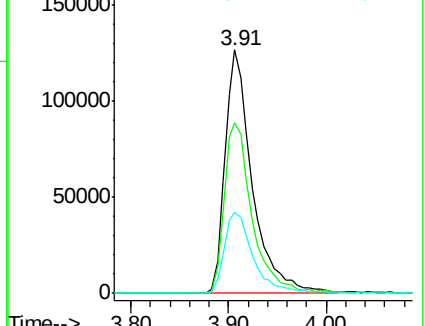
51 33.2 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.79 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

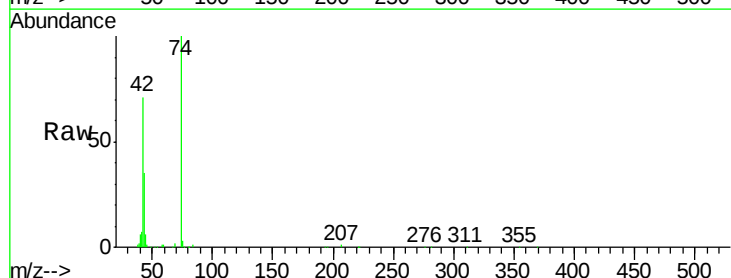
Tgt Ion: 42 Resp: 122779

Ion Ratio Lower Upper

42 100

74 141.6 109.1 163.7

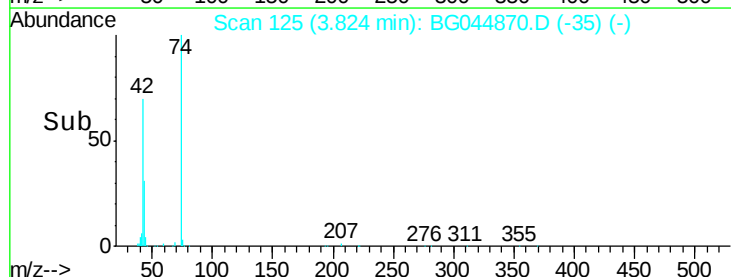
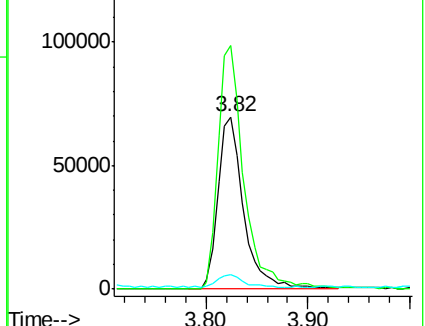
44 8.2 5.4 8.2#

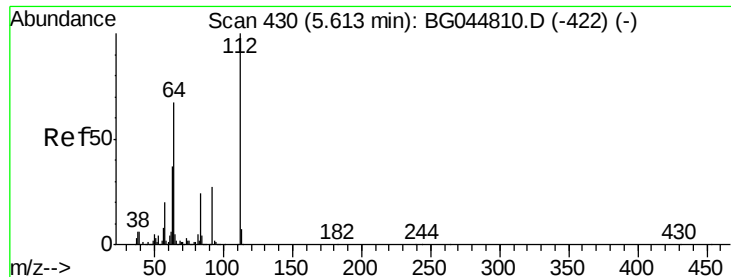


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 110.80 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

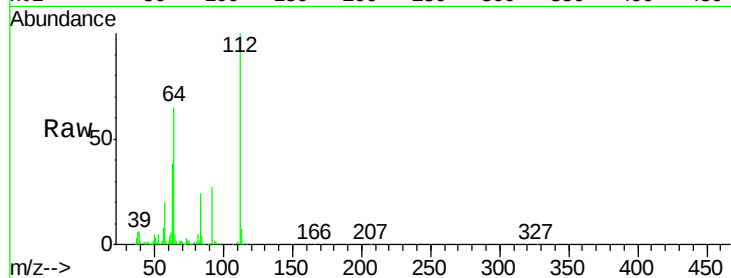
Tgt Ion:112 Resp: 683597

Ion Ratio Lower Upper

112 100

64 65.4 53.4 80.2

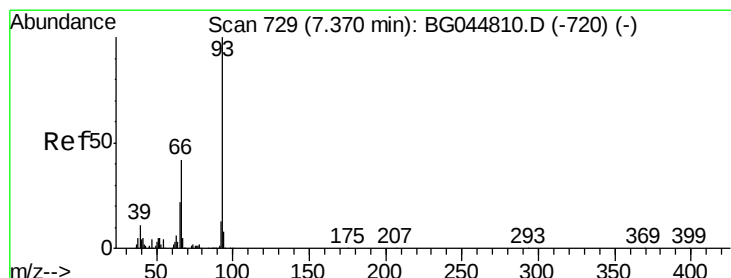
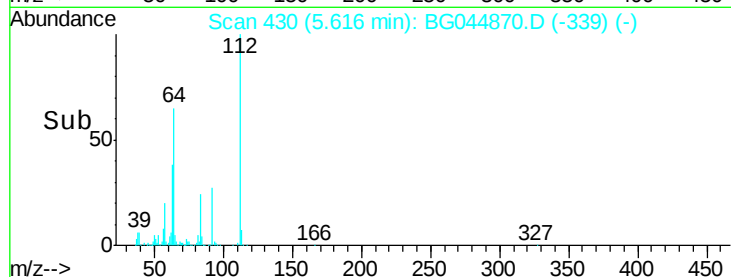
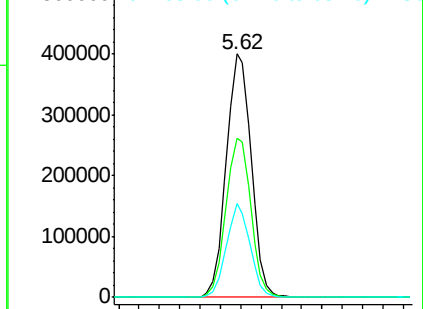
63 38.4 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 29.36 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

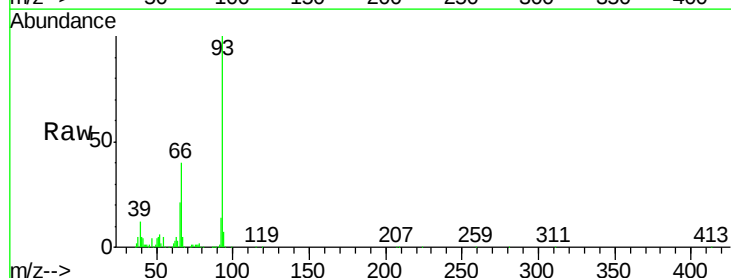
Tgt Ion: 93 Resp: 327523

Ion Ratio Lower Upper

93 100

66 39.9 33.7 50.5

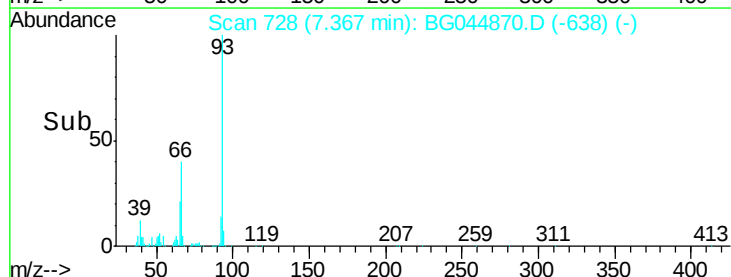
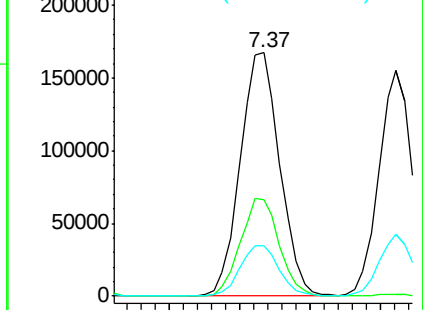
65 20.8 17.7 26.5

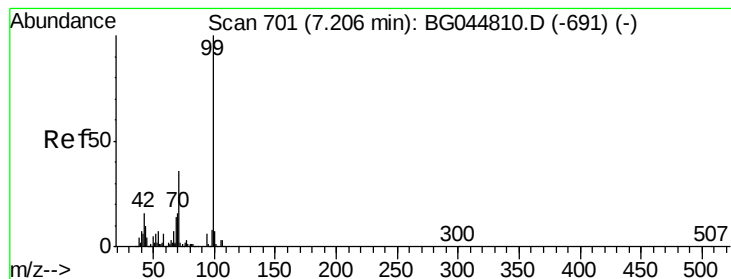


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 107.43 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

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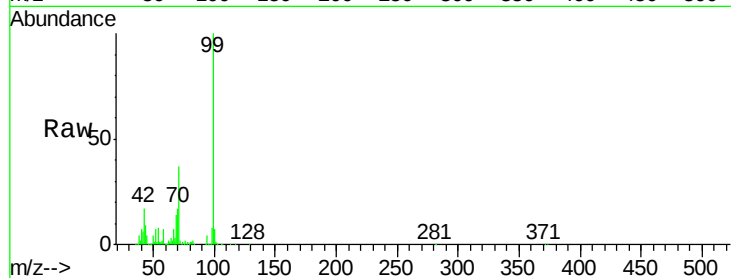
Tgt Ion: 99 Resp: 963005

Ion Ratio Lower Upper

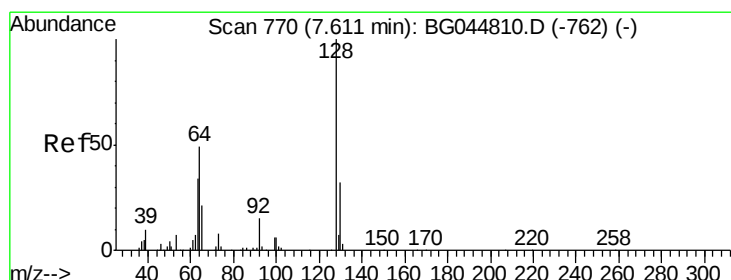
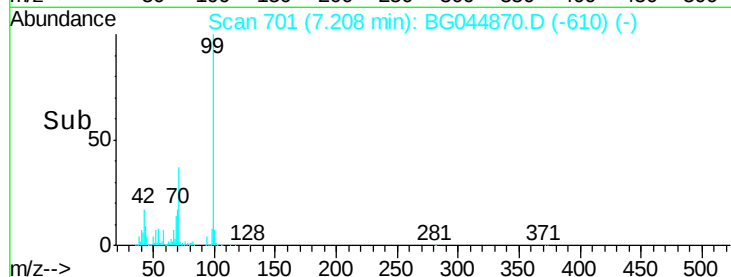
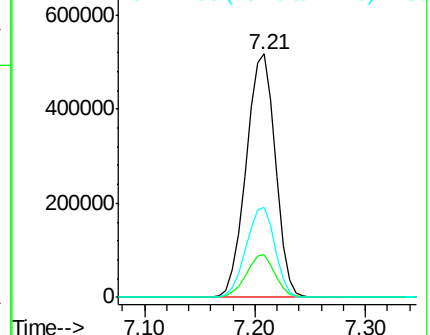
99 100

42 17.4 12.6 19.0

71 36.8 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.40 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

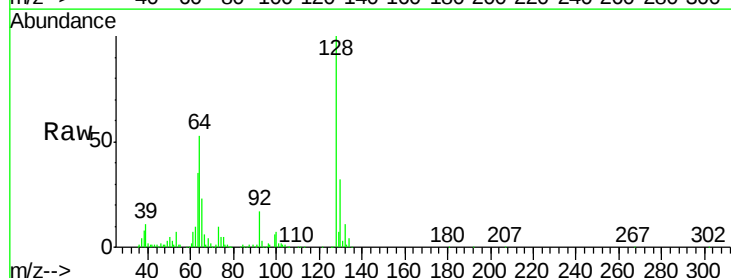
Tgt Ion: 128 Resp: 254962

Ion Ratio Lower Upper

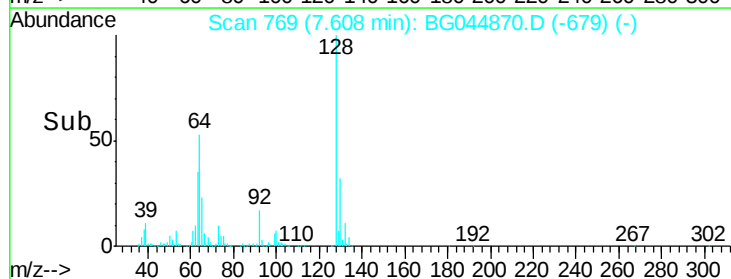
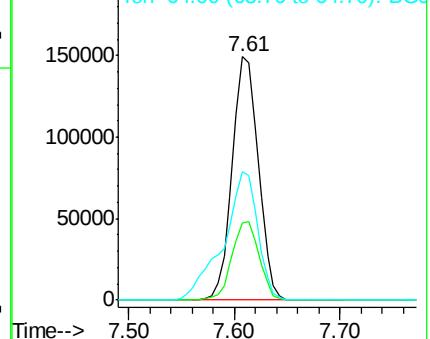
128 100

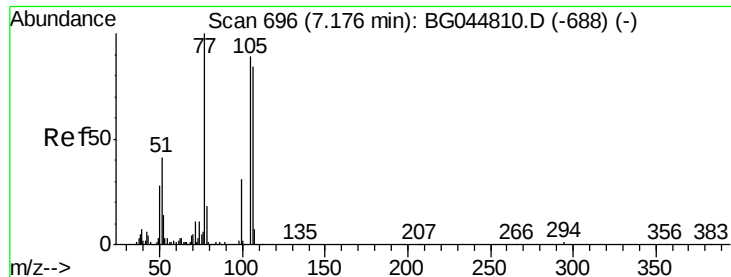
130 31.9 11.6 51.6

64 52.9 34.5 74.5



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





#9

Benzaldehyde

Concen: 16.96 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

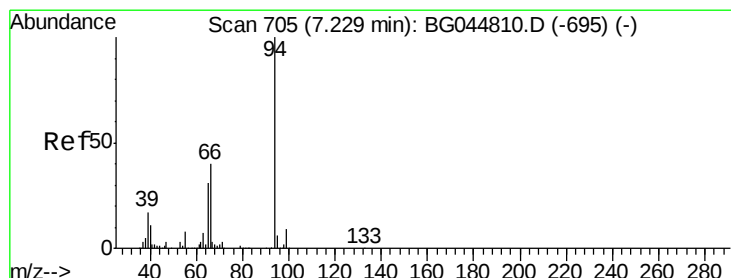
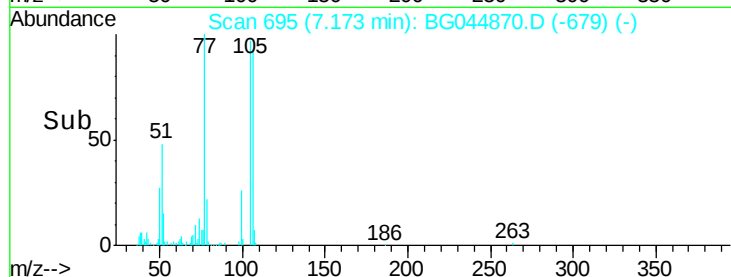
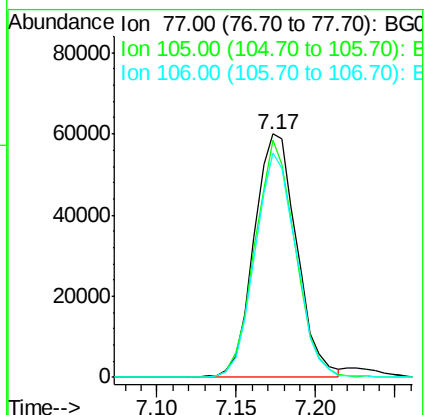
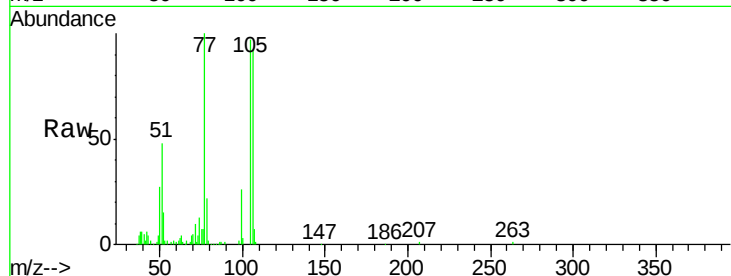
Tgt Ion: 77 Resp: 112200

Ion Ratio Lower Upper

77 100

105 97.4 69.3 109.3

106 92.3 64.5 104.5



#10

Phenol

Concen: 40.31 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

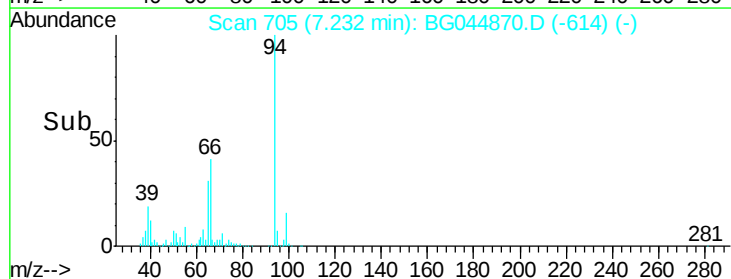
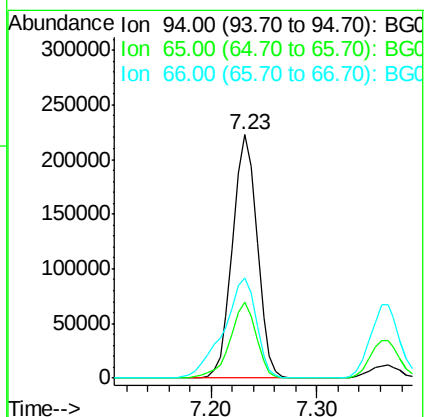
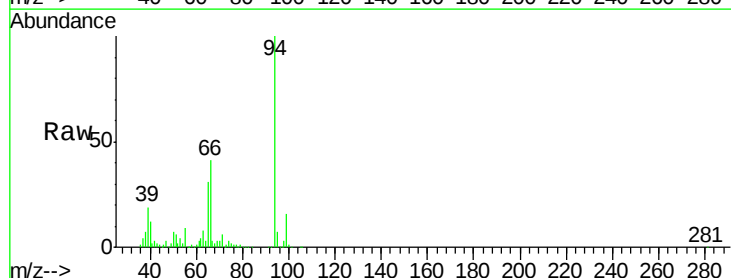
Tgt Ion: 94 Resp: 357708

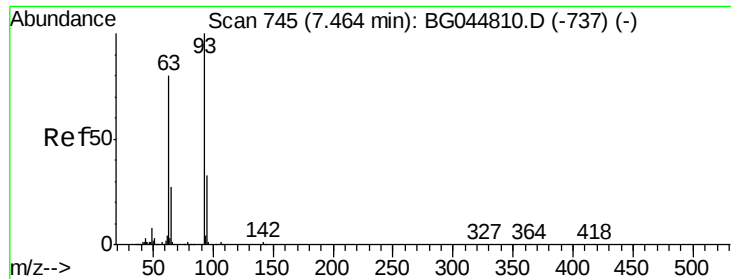
Ion Ratio Lower Upper

94 100

65 31.3 11.0 51.0

66 41.1 20.1 60.1

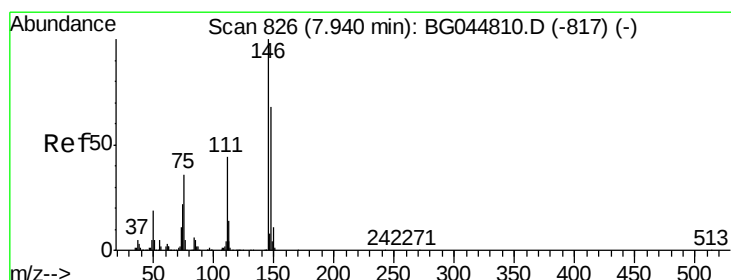
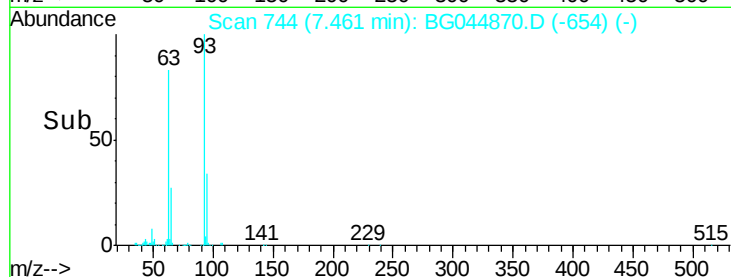
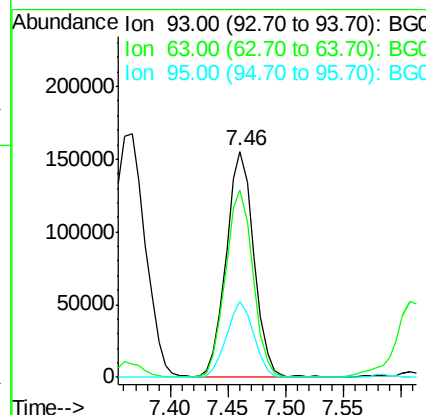
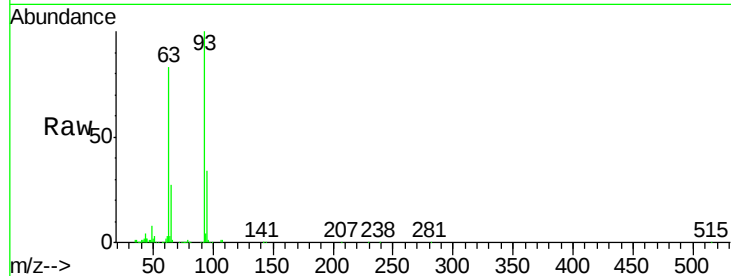




#11
bis(2-Chloroethyl)ether
Concen: 36.32 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

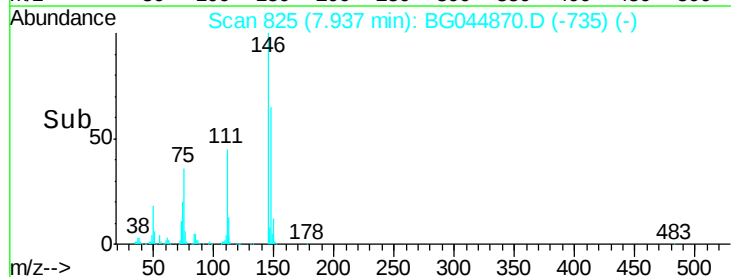
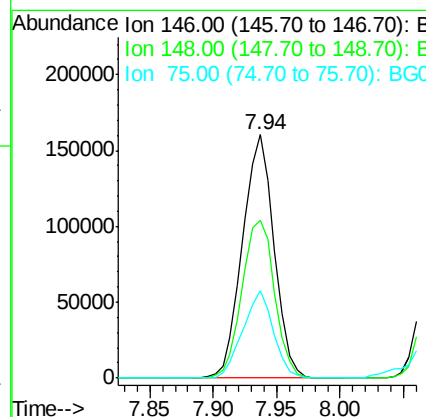
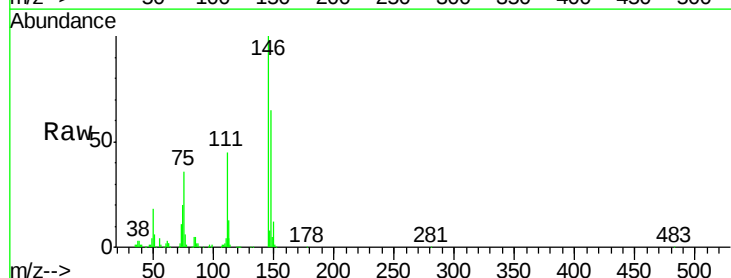
Instrument :
BNA_G
ClientSampleId :
PB127635BSD

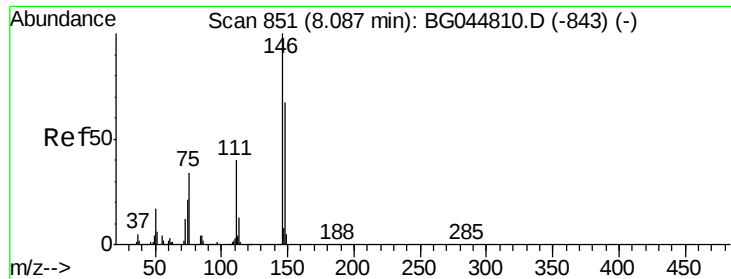
Tgt Ion: 93 Resp: 257258
Ion Ratio Lower Upper
93 100
63 83.0 59.7 99.7
95 33.6 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.33 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion: 146 Resp: 275642
Ion Ratio Lower Upper
146 100
148 65.1 54.2 81.4
75 36.0 28.6 42.8

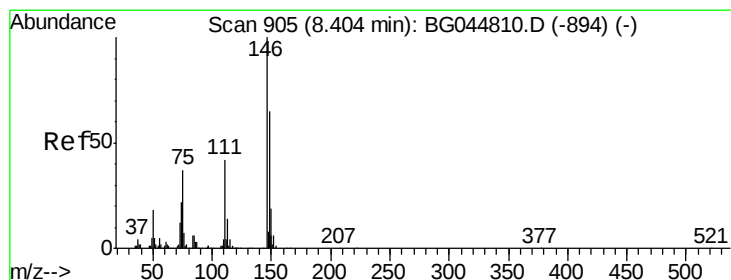
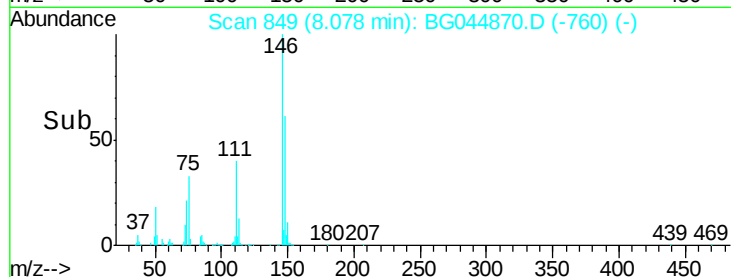
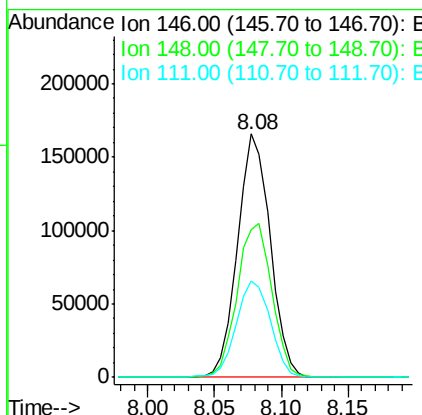
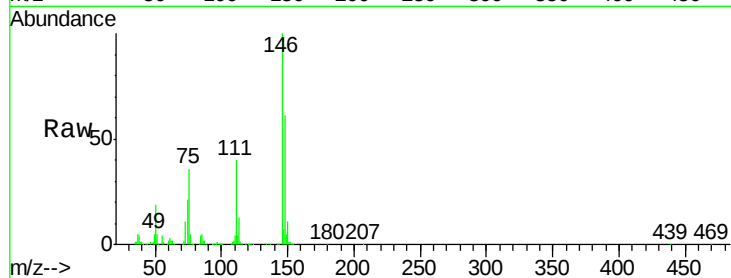




#13
 1,4-Dichlorobenzene
 Concen: 37.47 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

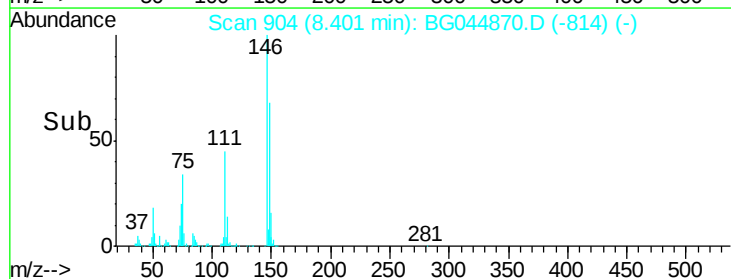
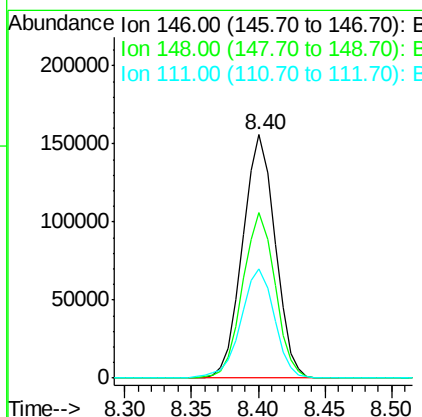
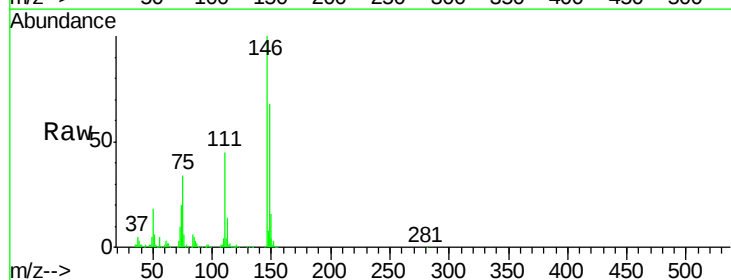
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

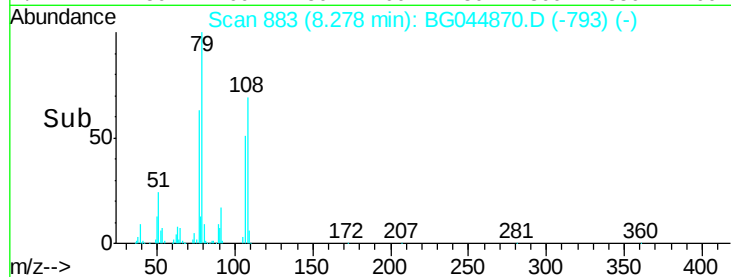
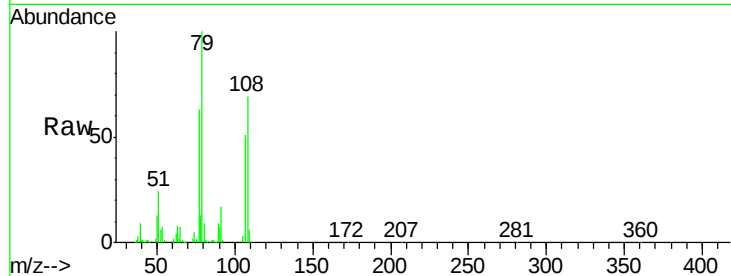
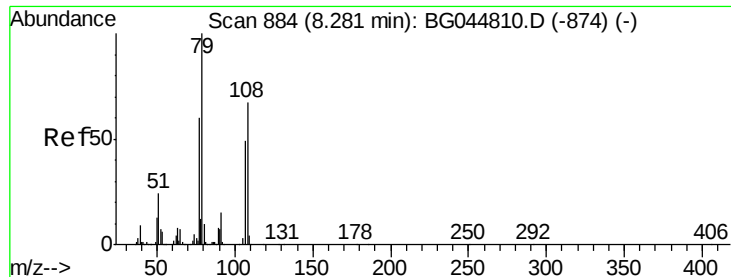
Tgt Ion:146 Resp: 281053
 Ion Ratio Lower Upper
 146 100
 148 60.7 53.8 80.6
 111 39.8 32.0 48.0



#14
 1,2-Dichlorobenzene
 Concen: 36.93 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:146 Resp: 262712
 Ion Ratio Lower Upper
 146 100
 148 67.9 52.1 78.1
 111 45.1 33.4 50.2





#15

Benzyl Alcohol

Concen: 38.03 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

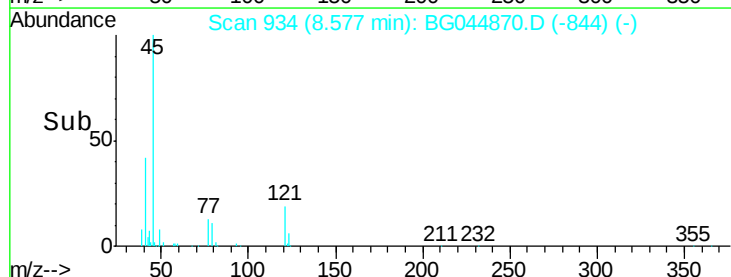
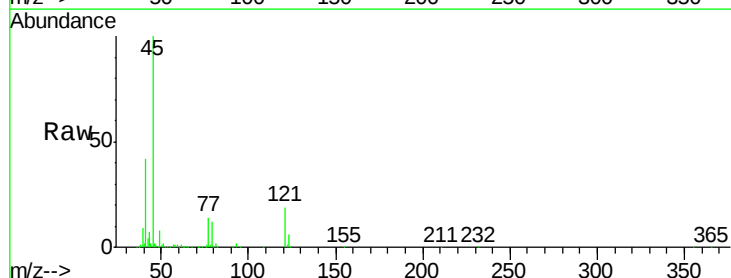
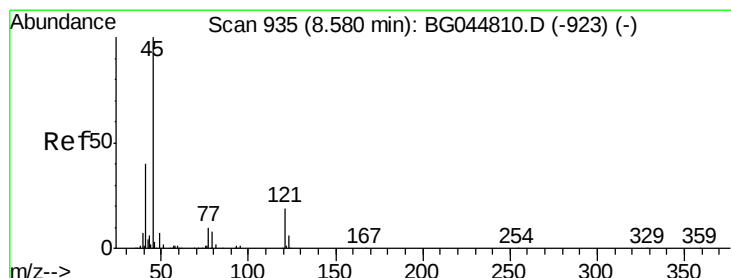
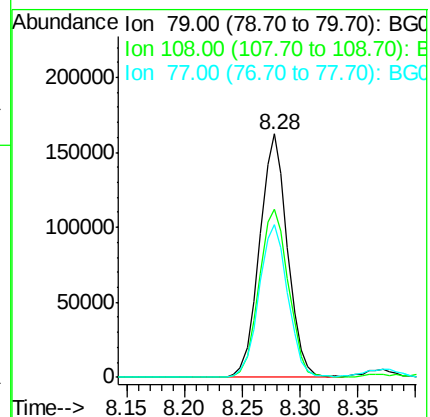
Tgt Ion: 79 Resp: 273547

Ion Ratio Lower Upper

79 100

108 69.1 53.8 80.8

77 62.6 47.8 71.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.62 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

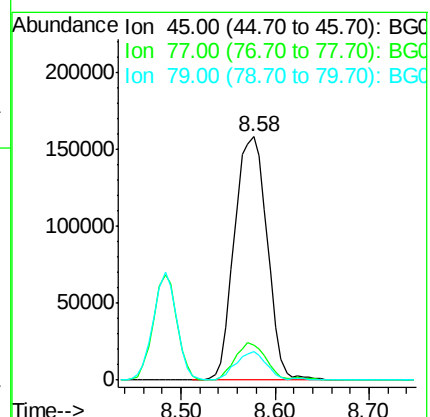
Tgt Ion: 45 Resp: 382750

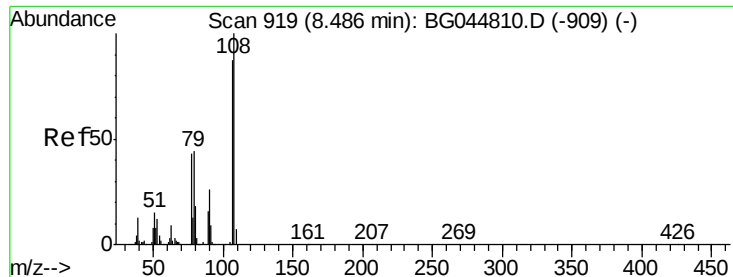
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.9

79 11.7 0.0 30.8

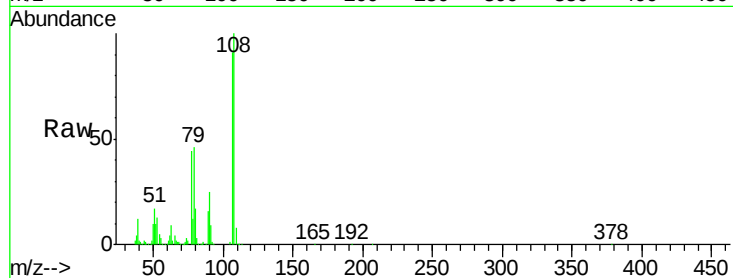




#17
2-Methylphenol
Concen: 40.07 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.8	91.8	137.8
77	48.6	40.0	60.0
79	50.2	40.2	60.2



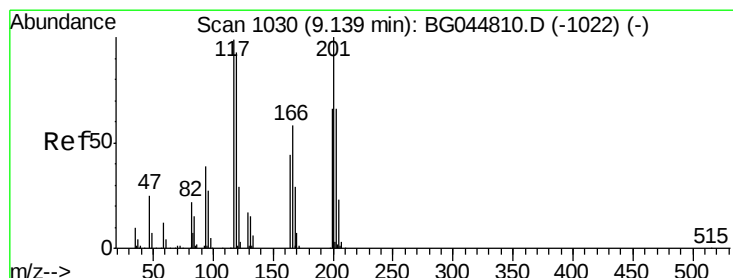
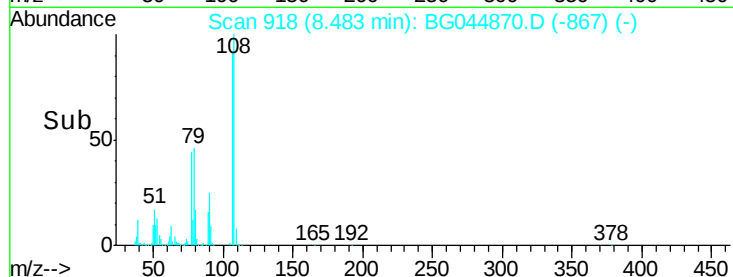
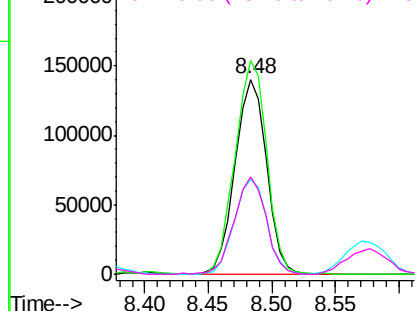
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

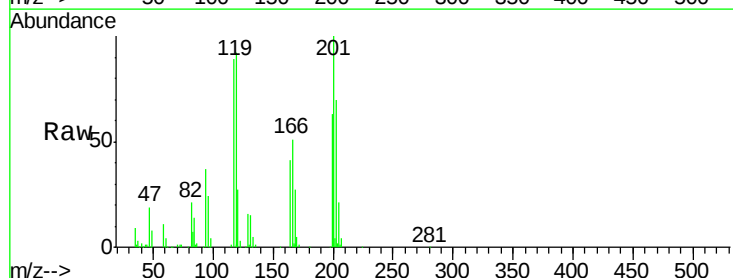
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.09 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	103.3	75.2	112.8
201	112.6	81.1	121.7

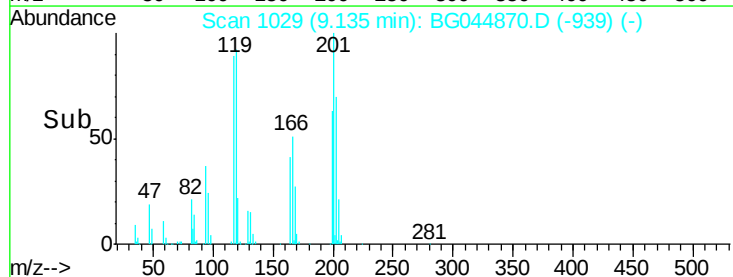
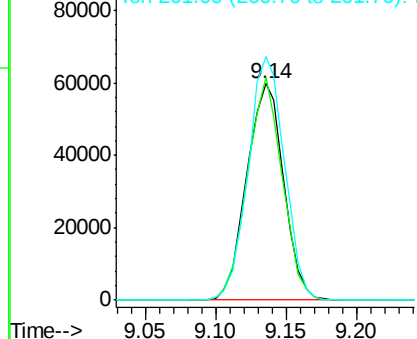


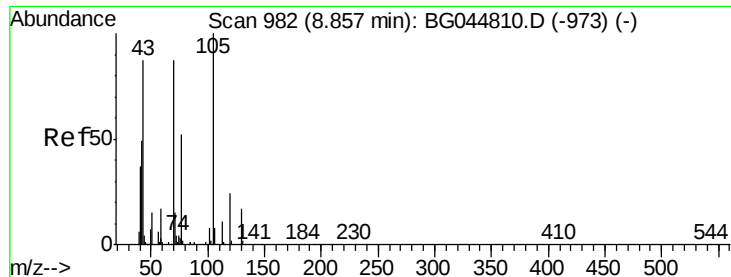
Abundance

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

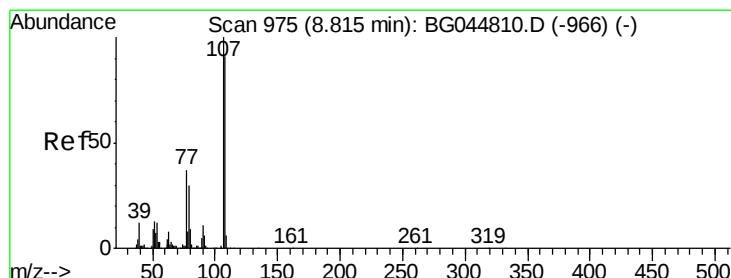
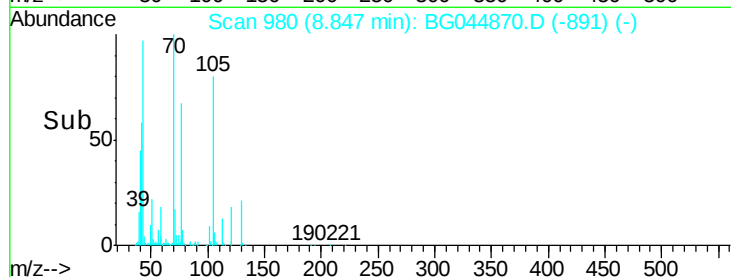
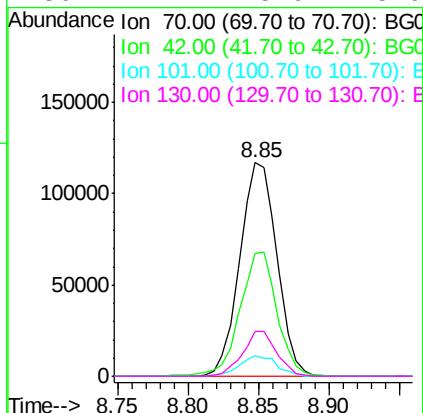
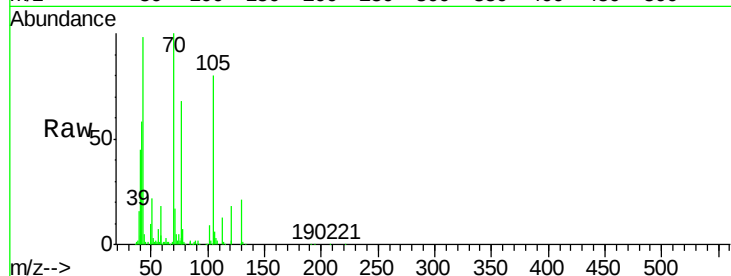




#19
 n-Nitroso-di-n-propylamine
 Concen: 33.91 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

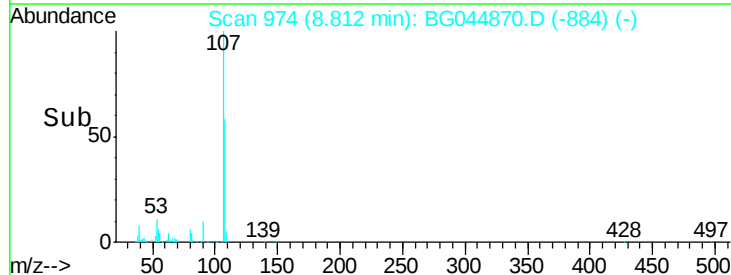
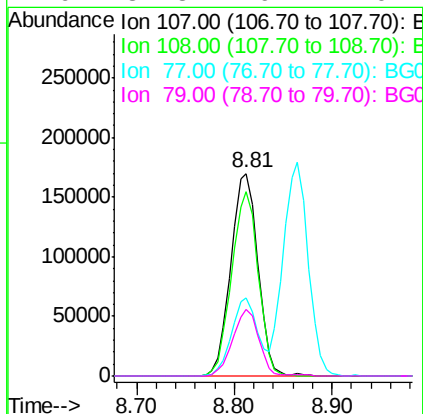
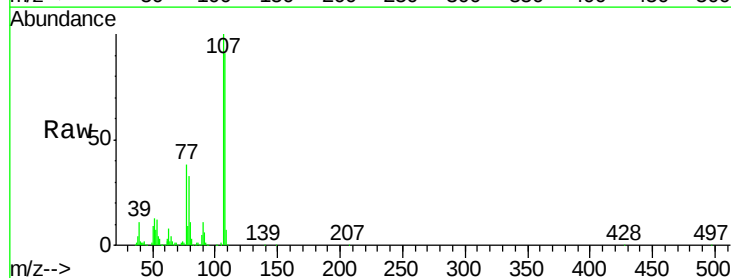
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

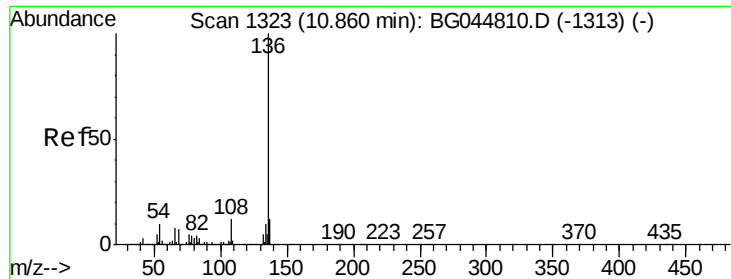
Tgt Ion:	70	Resp:	214632
Ion	Ratio	Lower	Upper
70	100		
42	57.7	45.7	68.5
101	9.4	7.4	11.2
130	21.1	15.9	23.9



#20
 3+4-Methylphenols
 Concen: 39.54 ng
 RT: 8.81 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:	107	Resp:	327688
Ion	Ratio	Lower	Upper
107	100		
108	90.8	71.3	111.3
77	38.2	16.9	56.9
79	32.8	9.7	49.7

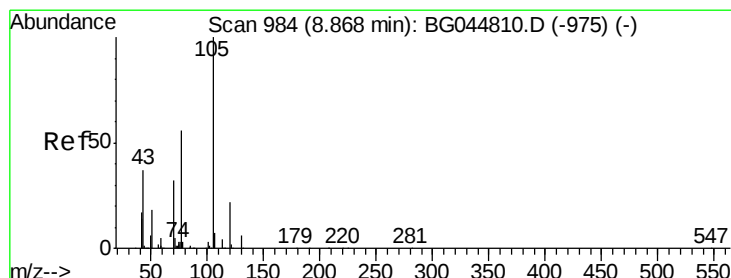
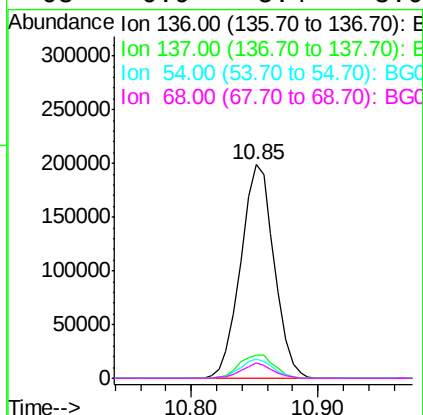
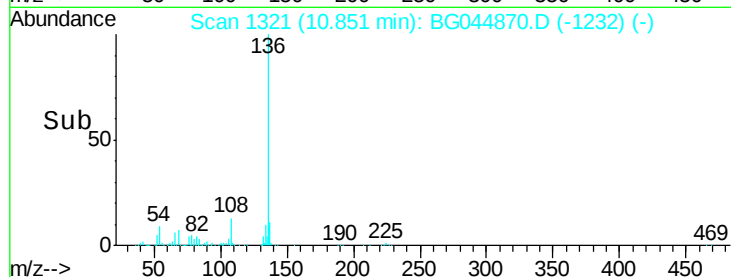
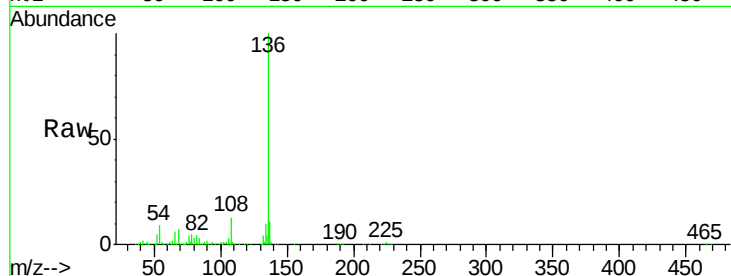




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

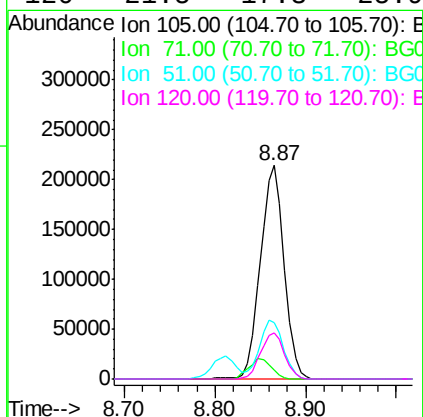
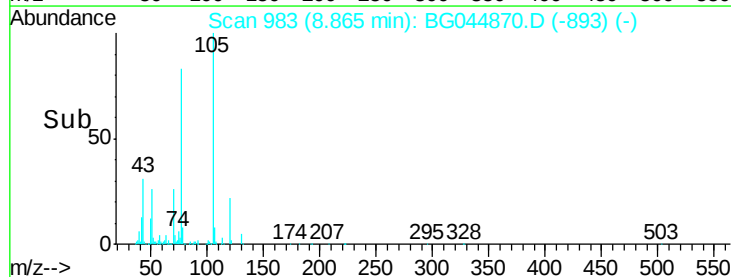
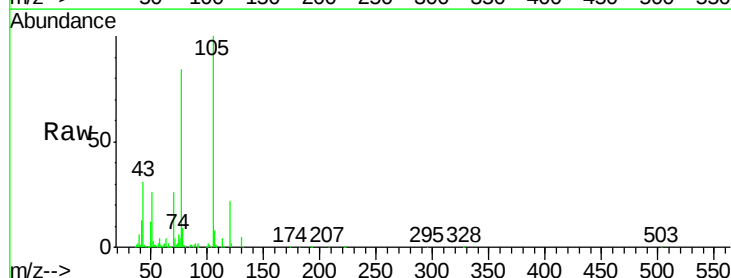
Instrument :
BNA_G
ClientSampleId :
PB127635BSD

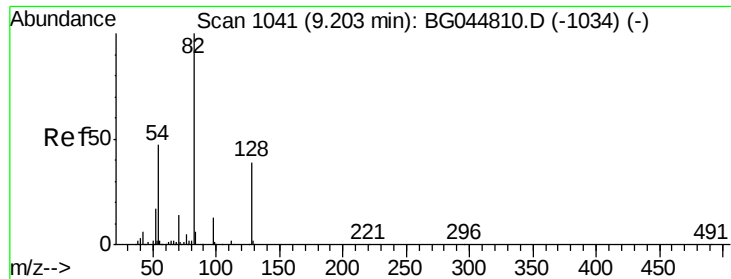
Tgt Ion:	136	Resp:	363031
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.1	7.9	11.9
68	6.9	5.4	8.0



#22
Acetophenone
Concen: 37.87 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion:	105	Resp:	389514
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.9	5.9
51	26.2	22.6	33.8
120	21.5	17.3	25.9

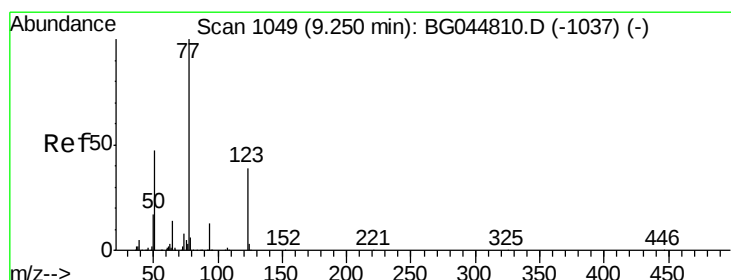
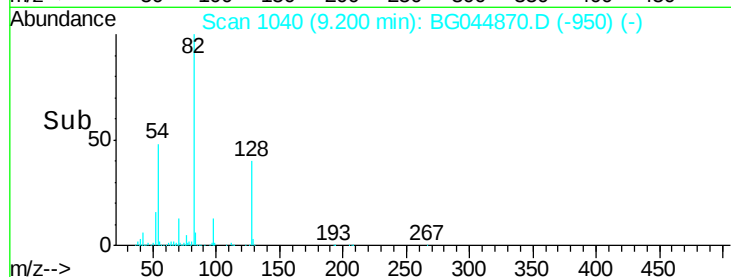
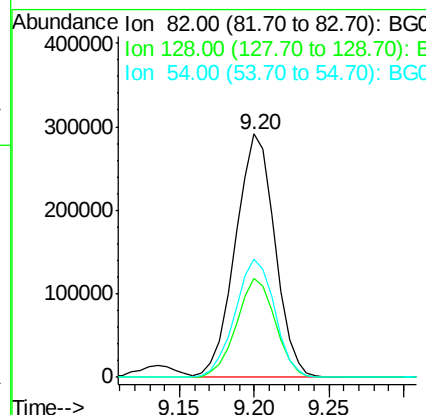
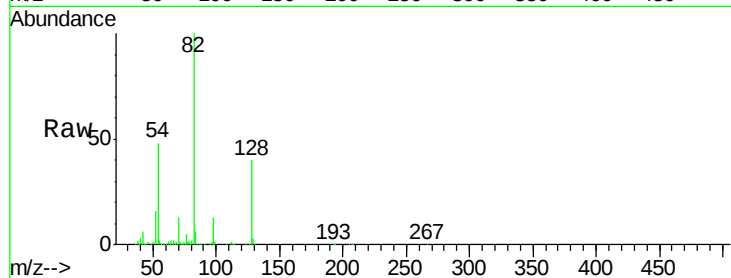




#23
 Nitrobenzene-d5
 Concen: 64.68 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

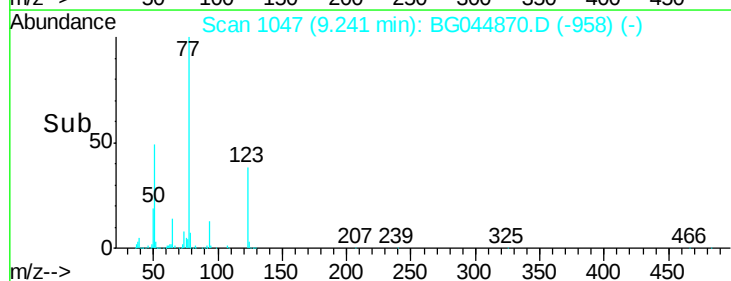
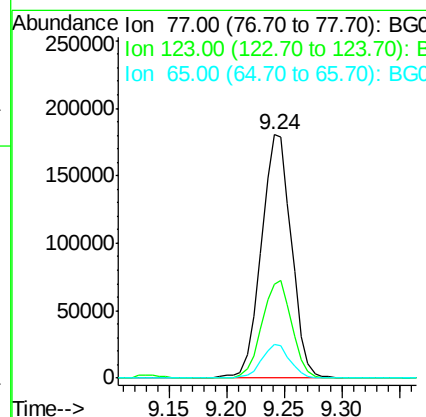
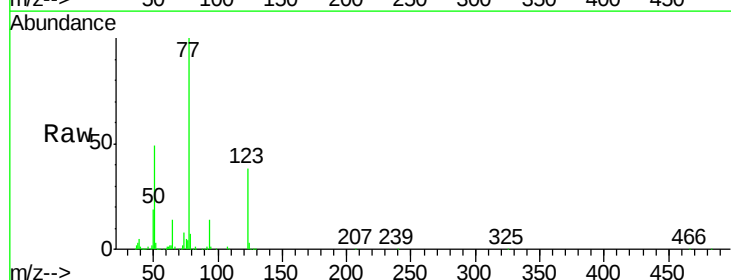
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

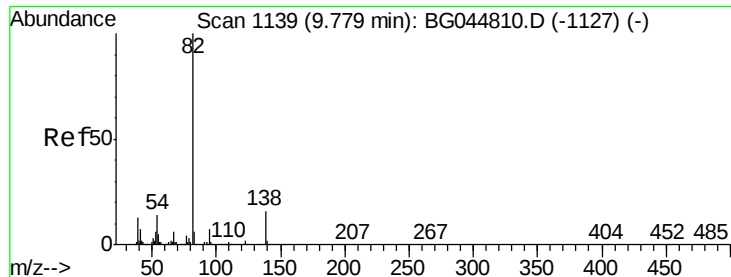
Tgt Ion: 82 Resp: 535073
 Ion Ratio Lower Upper
 82 100
 128 40.4 30.6 46.0
 54 48.4 37.1 55.7



#24
 Nitrobenzene
 Concen: 38.20 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion: 77 Resp: 327934
 Ion Ratio Lower Upper
 77 100
 123 38.5 31.3 46.9
 65 13.8 11.4 17.0





#25

Isophorone

Concen: 37.06 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

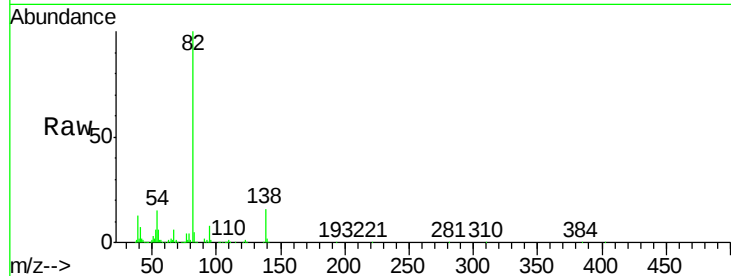
Tgt Ion: 82 Resp: 598317

Ion Ratio Lower Upper

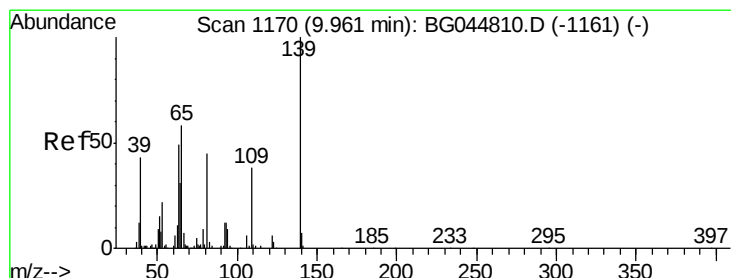
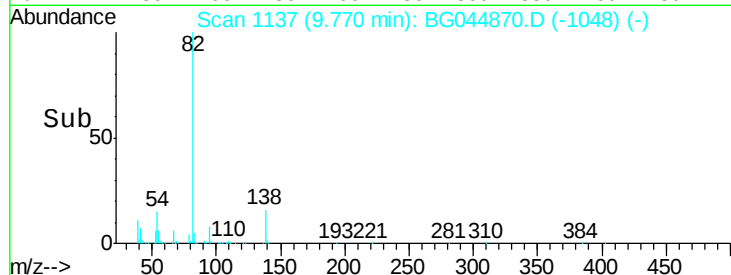
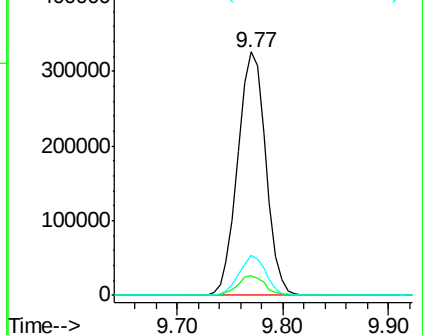
82 100

95 8.0 5.5 8.3

138 16.3 12.5 18.7



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



#26

2-Nitrophenol

Concen: 47.95 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

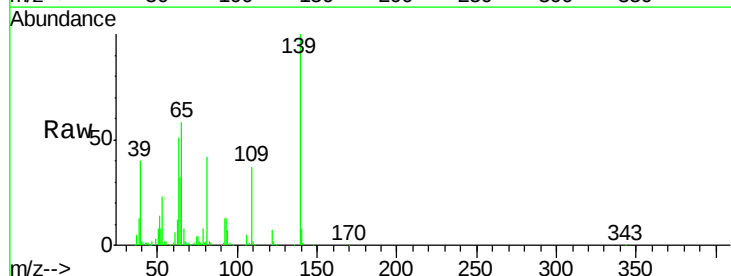
Tgt Ion: 139 Resp: 142872

Ion Ratio Lower Upper

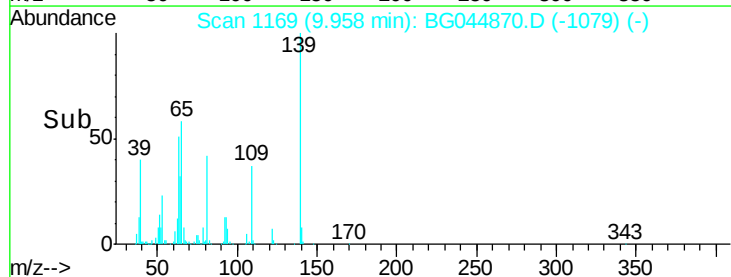
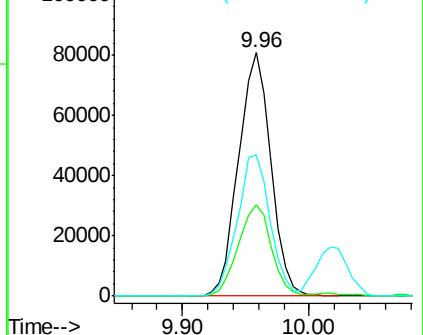
139 100

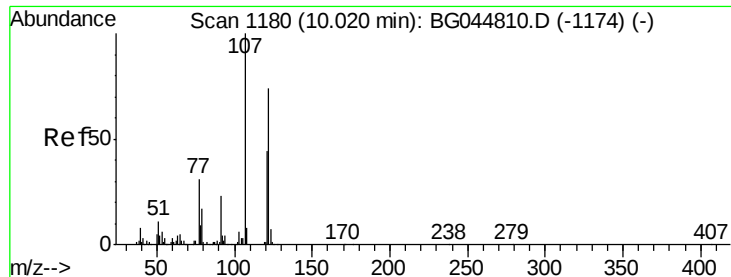
109 37.4 30.2 45.4

65 57.9 46.3 69.5



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

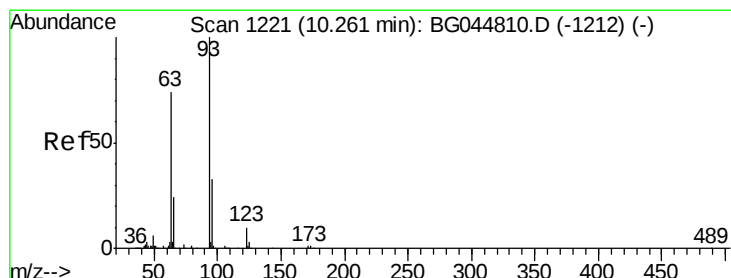
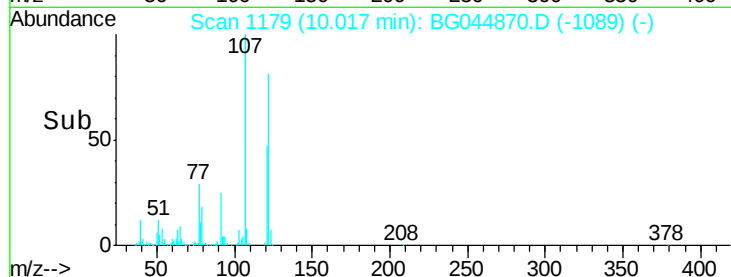
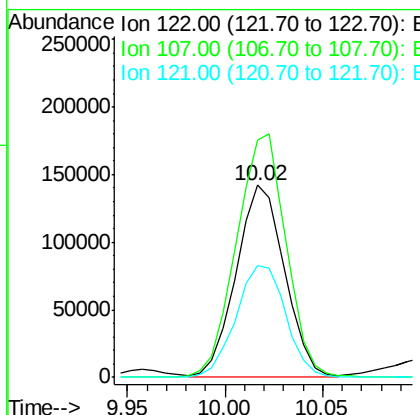
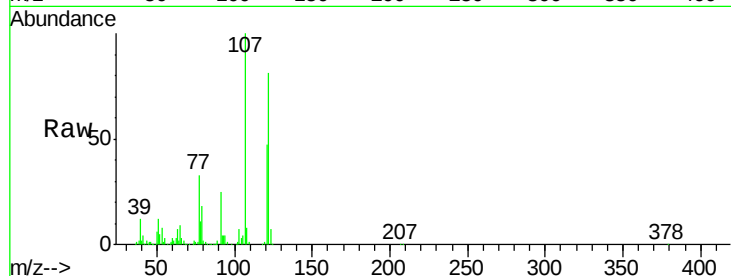




#27
 2,4-Dimethylphenol
 Concen: 46.46 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

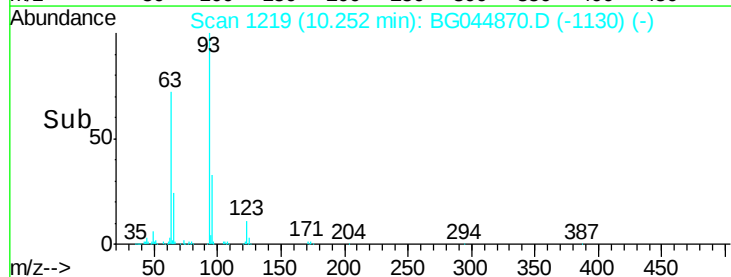
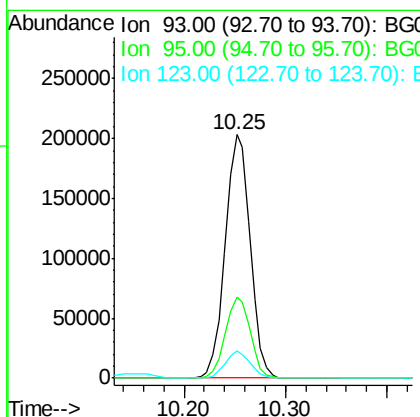
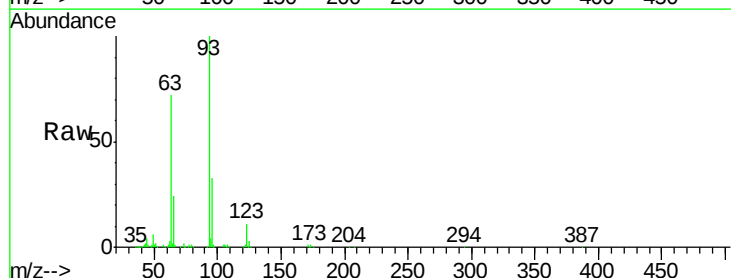
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

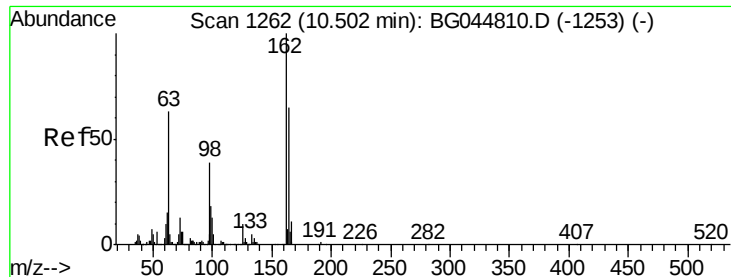
Tgt Ion: 122 Resp: 244311
 Ion Ratio Lower Upper
 122 100
 107 123.3 107.1 160.7
 121 58.4 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.87 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion: 93 Resp: 345685
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.4 39.6
 123 11.3 8.4 12.6

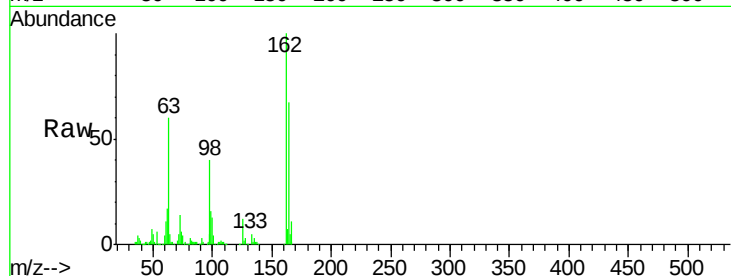




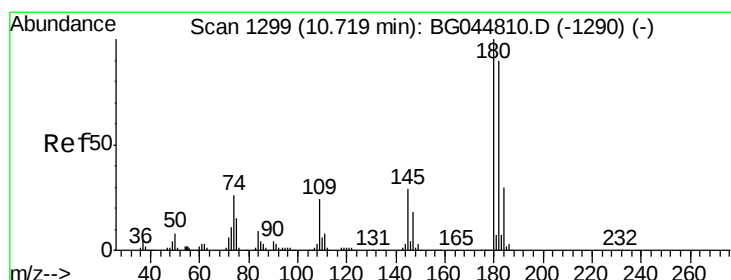
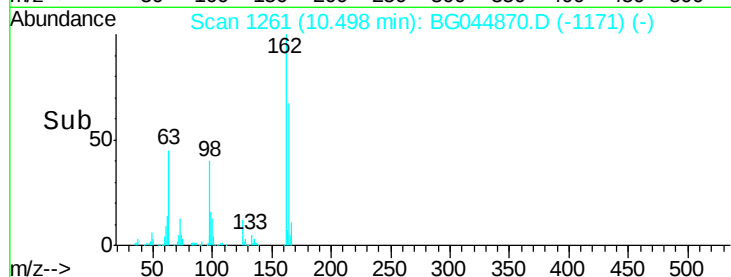
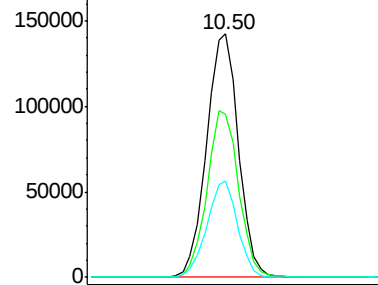
#29
 2,4-Dichlorophenol
 Concen: 42.60 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.2	45.2	85.2
98	39.5	19.0	59.0

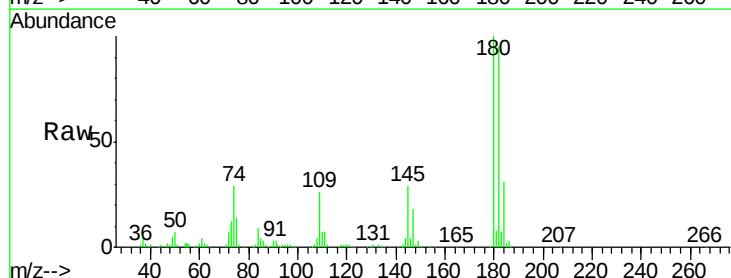


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

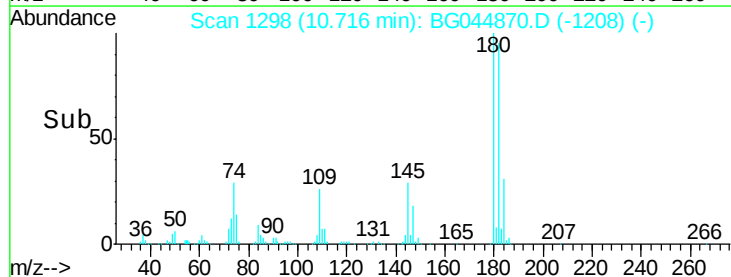
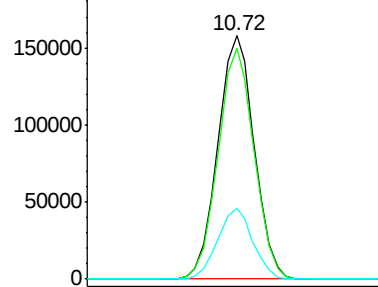


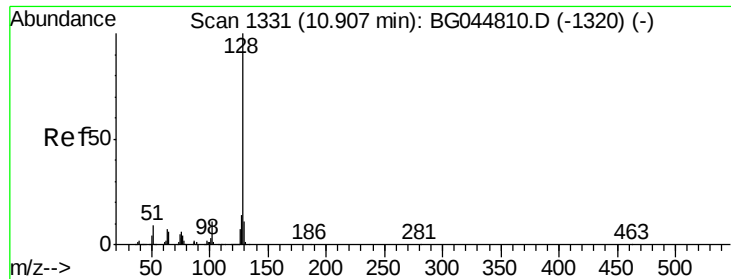
#30
 1,2,4-Trichlorobenzene
 Concen: 38.66 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	71.6	107.4
145	28.9	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

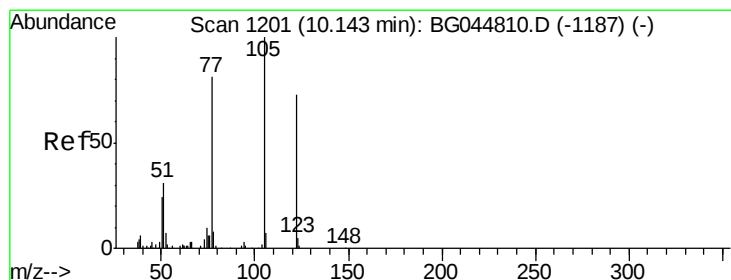
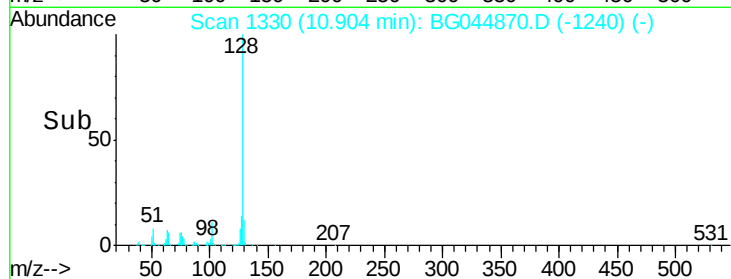
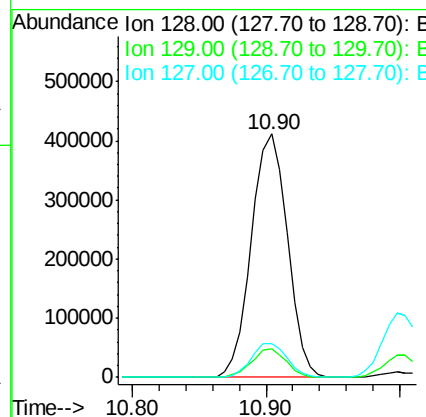
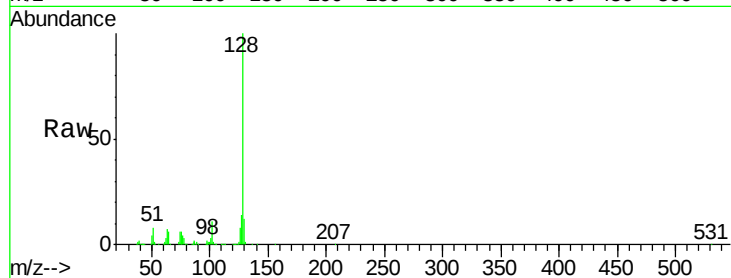




#31
Naphthalene
Concen: 38.22 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

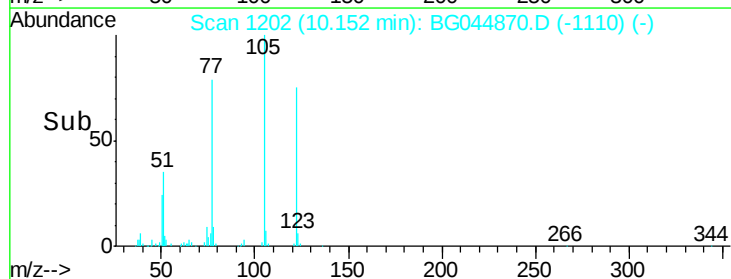
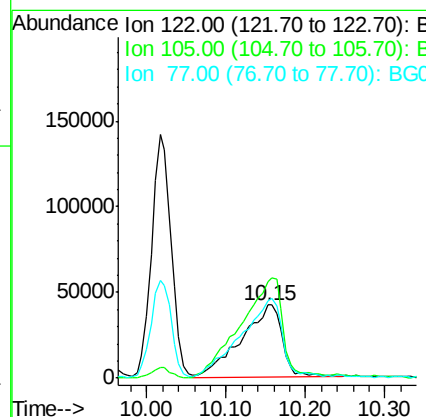
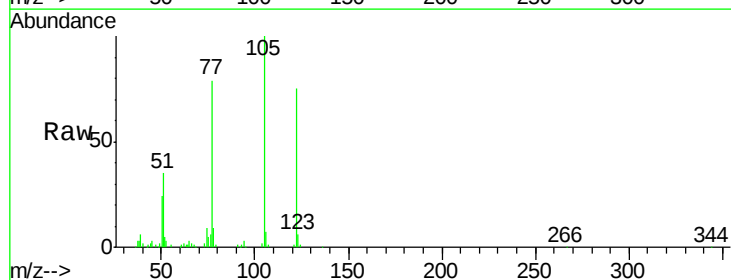
Instrument :
BNA_G
ClientSampleId :
PB127635BSD

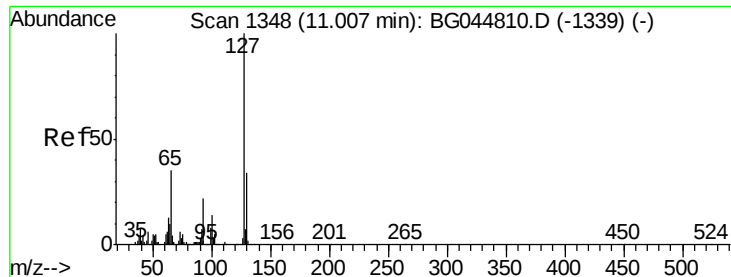
Tgt Ion:128 Resp: 768603
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 39.46 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion:122 Resp: 152804
Ion Ratio Lower Upper
122 100
105 132.6 109.1 149.1
77 105.3 85.3 125.3

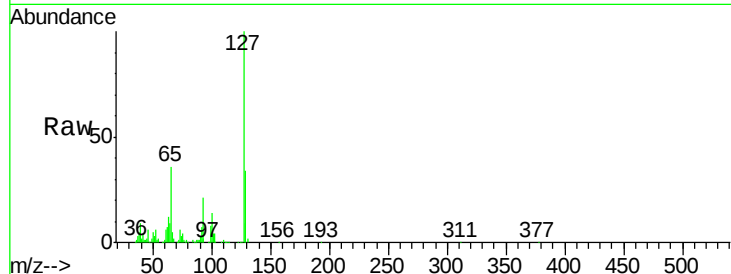




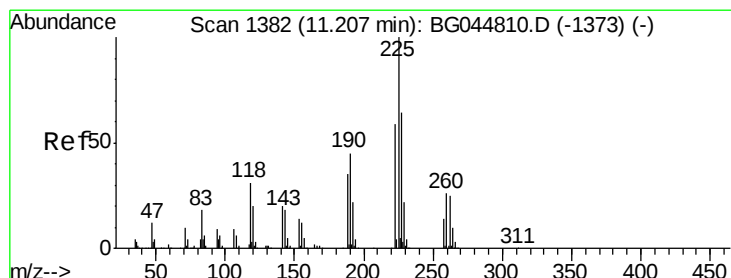
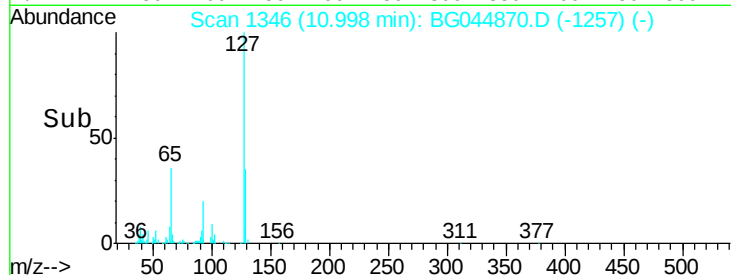
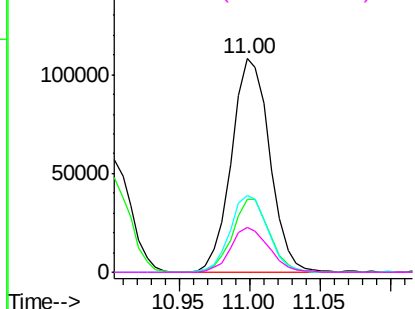
#33
4-Chloroaniline
Concen: 22.52 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tgt Ion:	127	Resp:	204049
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.9	40.3
65	36.0	27.7	41.5
92	20.8	17.4	26.2

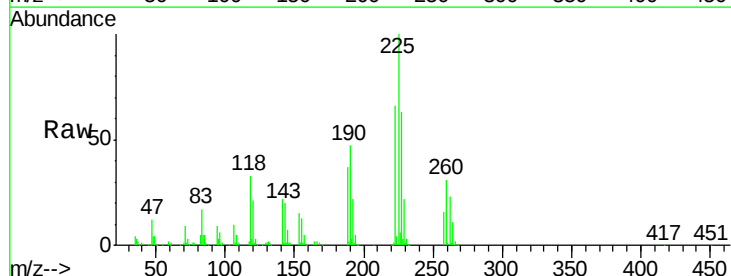


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

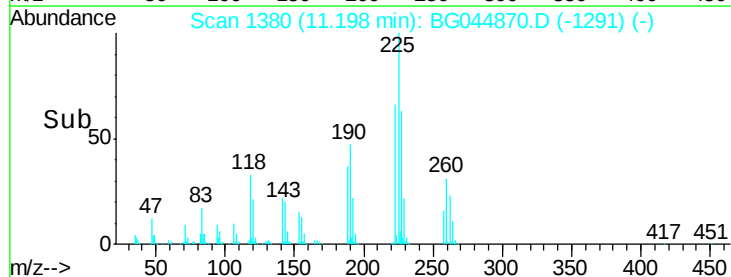
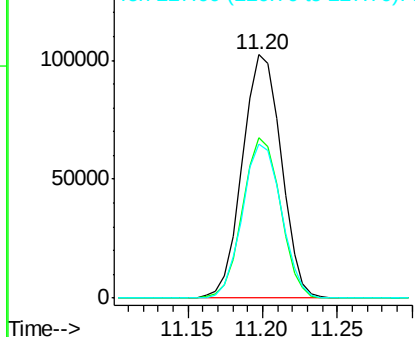


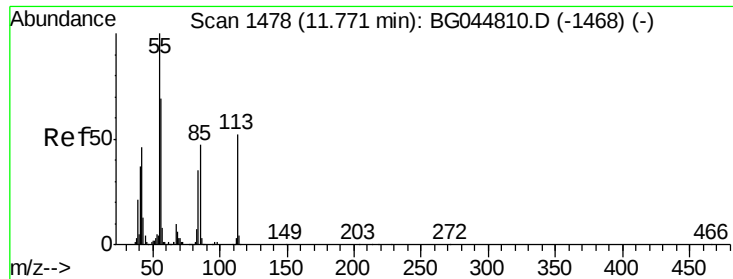
#34
Hexachlorobutadiene
Concen: 38.20 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion:	225	Resp:	184493
Ion	Ratio	Lower	Upper
225	100		
223	65.9	47.4	71.0
227	63.0	50.8	76.2



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





#35

Caprolactam

Concen: 20.55 ng

RT: 11.81 min Scan# 1484

Delta R.T. 0.04 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

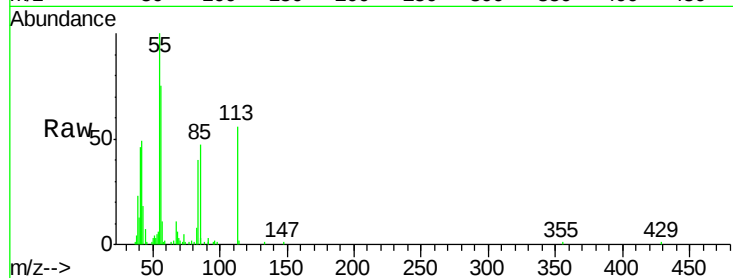
Tgt Ion:113 Resp: 47775

Ion Ratio Lower Upper

113 100

55 179.3 173.8 213.8

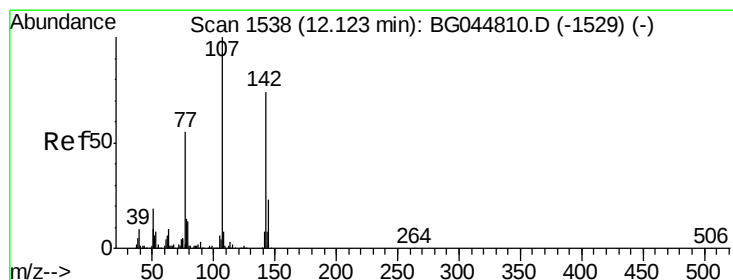
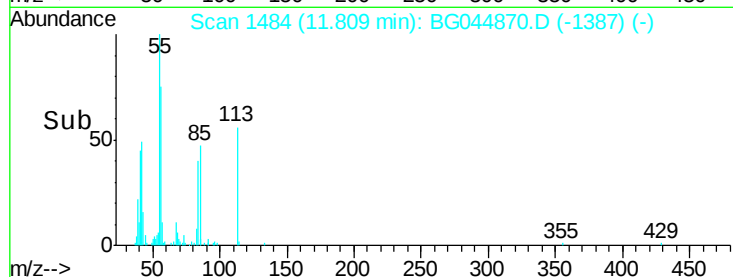
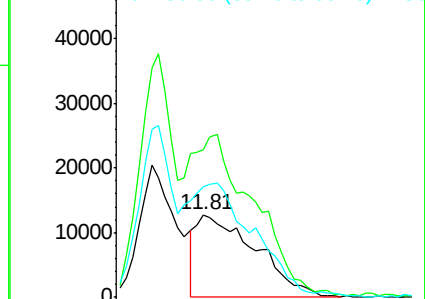
56 134.3 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.57 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

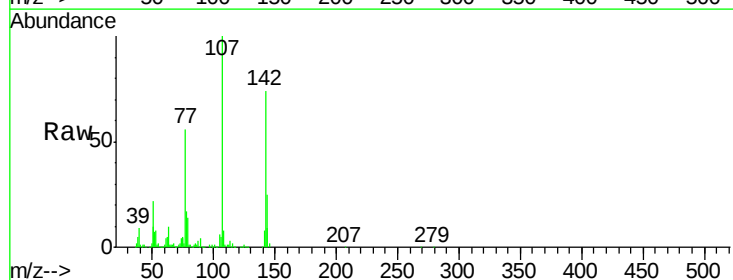
Tgt Ion:107 Resp: 297175

Ion Ratio Lower Upper

107 100

144 24.9 18.0 27.0

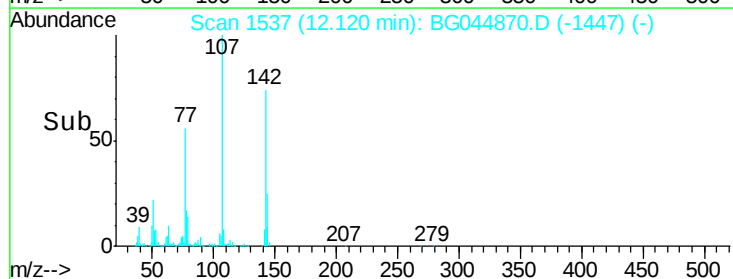
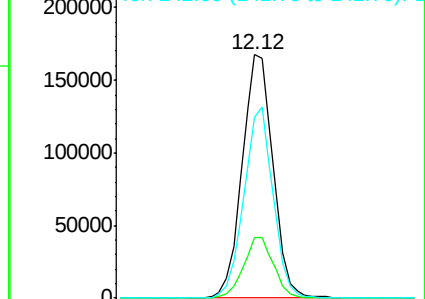
142 74.3 59.0 88.4

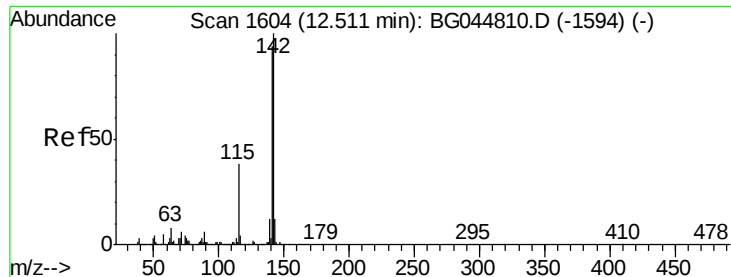


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

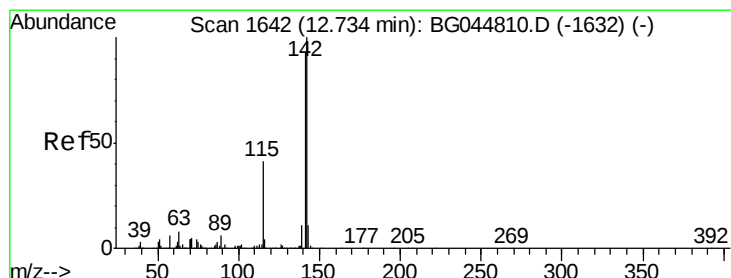
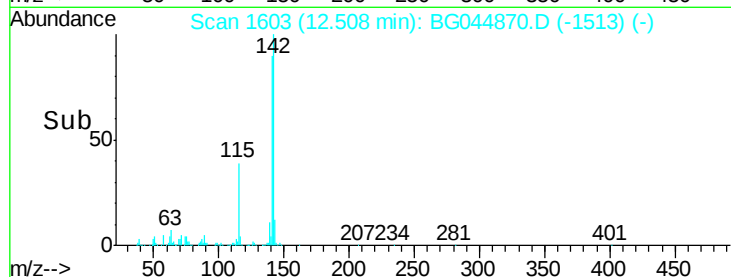
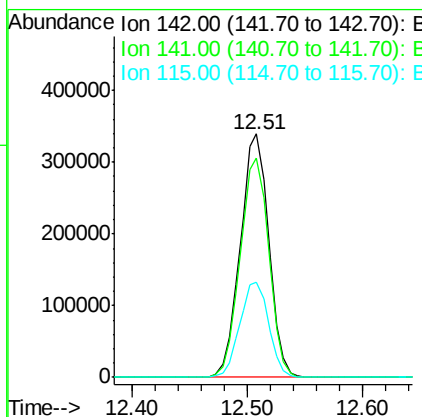
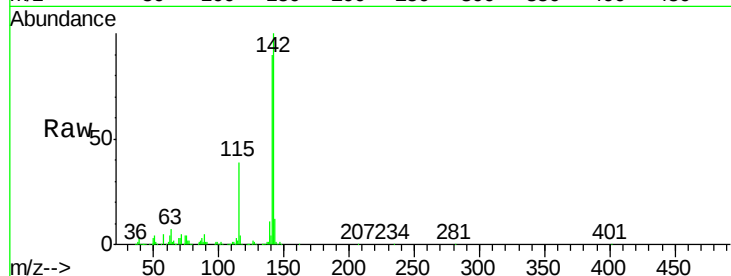




#37
 2-Methylnaphthalene
 Concen: 38.55 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

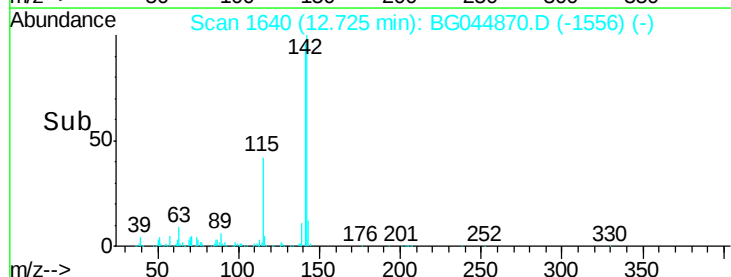
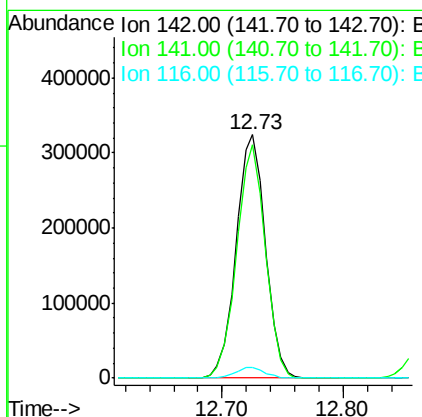
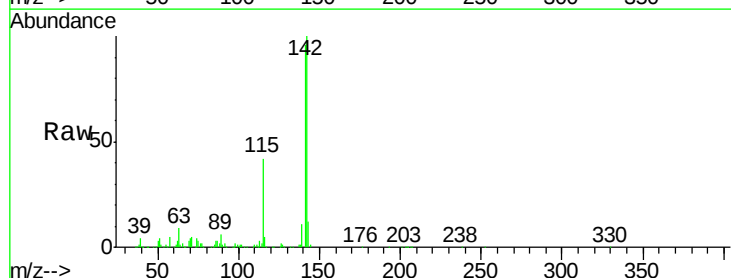
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

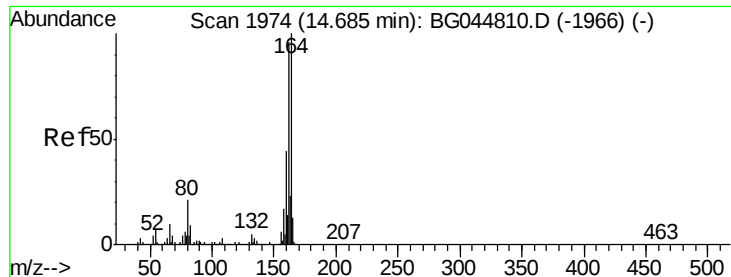
Tgt Ion:142 Resp: 579977
 Ion Ratio Lower Upper
 142 100
 141 90.0 75.1 112.7
 115 39.0 30.6 46.0



#38
 1-Methylnaphthalene
 Concen: 38.55 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:142 Resp: 545156
 Ion Ratio Lower Upper
 142 100
 141 95.6 74.7 112.1
 116 4.5 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: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

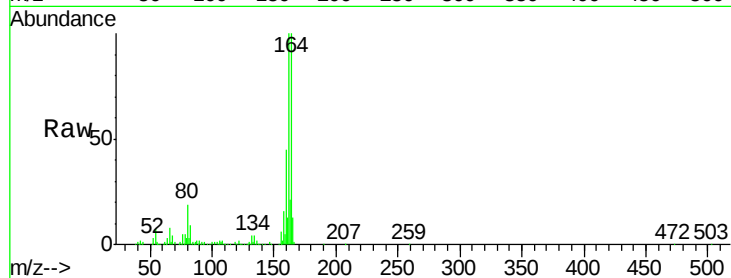
Tgt Ion:164 Resp: 244399

Ion Ratio Lower Upper

164 100

162 99.7 76.7 115.1

160 45.0 35.0 52.4

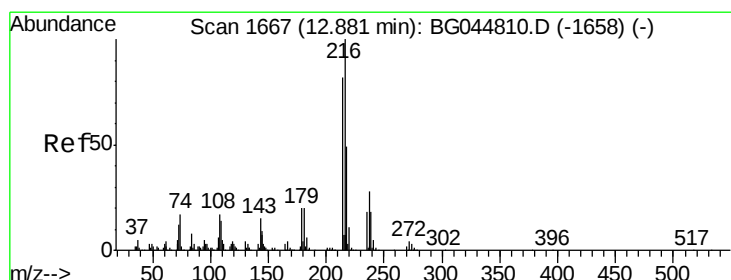
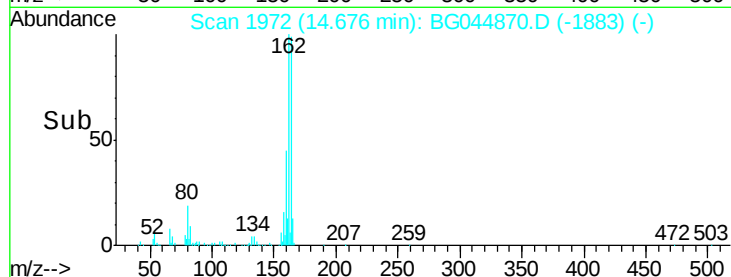
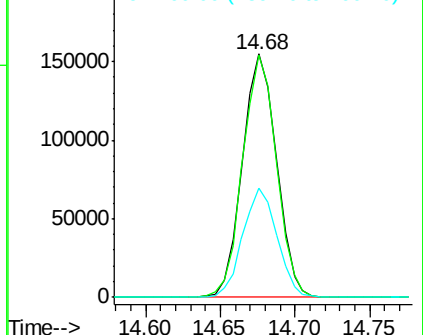


Abundance

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: 37.62 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:216 Resp: 302783

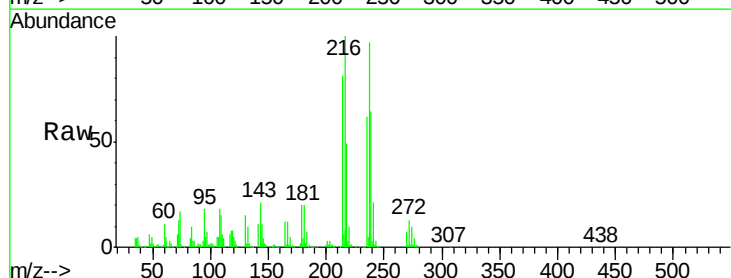
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 20.4 16.2 24.2

108 20.8 14.6 22.0



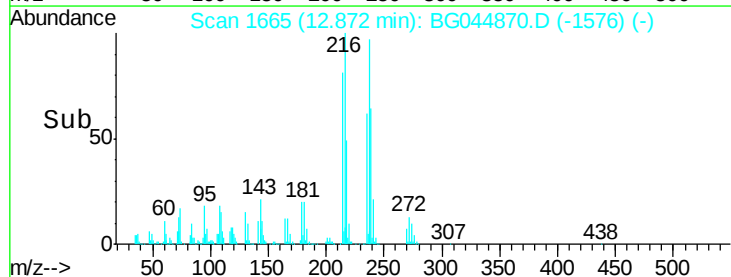
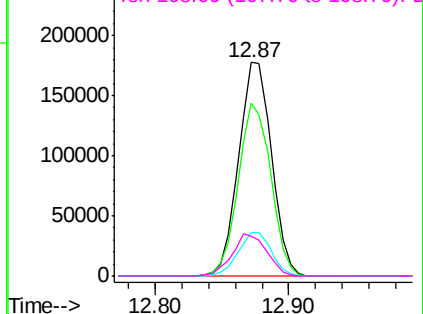
Abundance

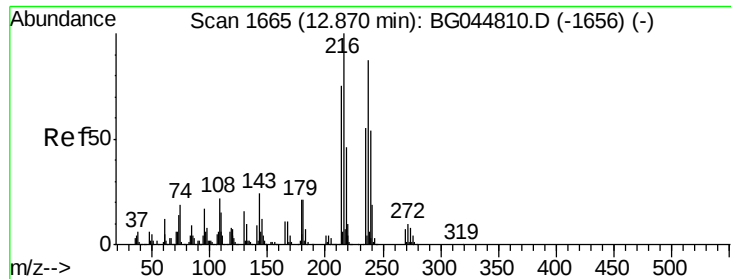
Ion 216.00 (215.70 to 216.70): E

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: 95.38 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

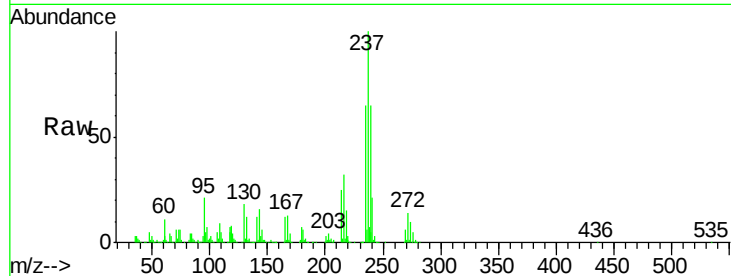
Tgt Ion:237 Resp: 419533

Ion Ratio Lower Upper

237 100

235 65.3 42.9 82.9

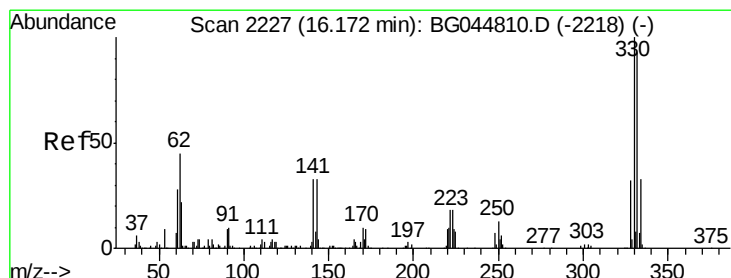
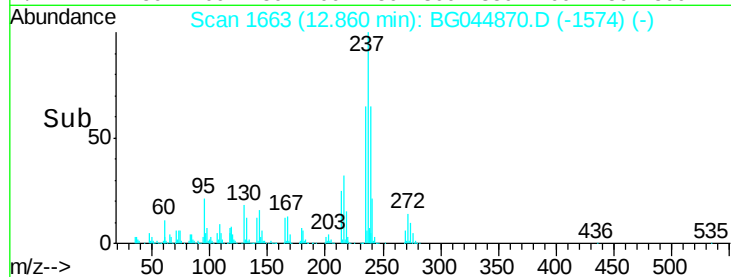
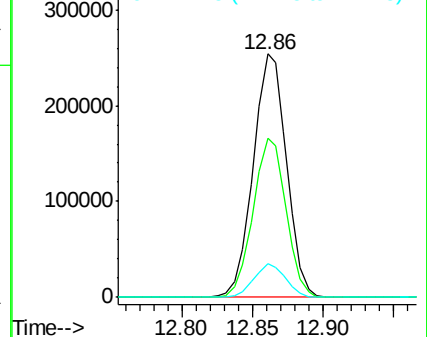
272 13.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.32 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

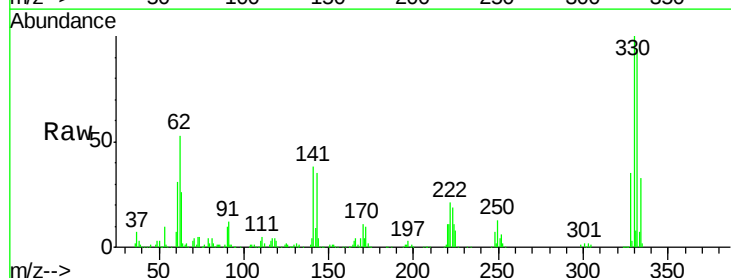
Tgt Ion:330 Resp: 385027

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

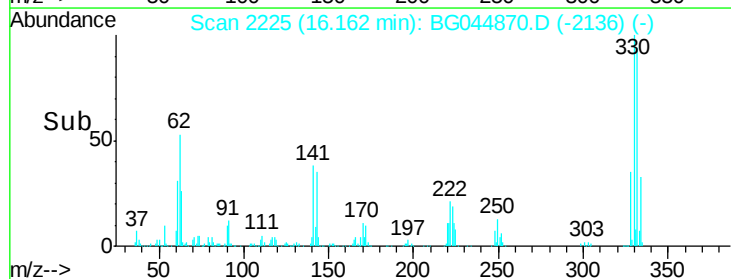
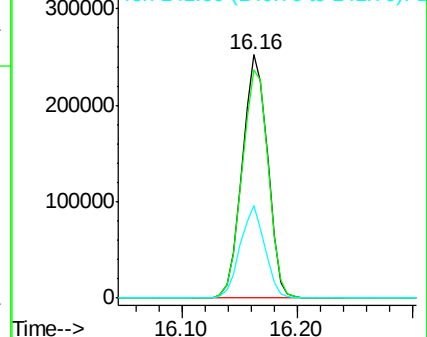
141 36.8 29.5 44.3



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

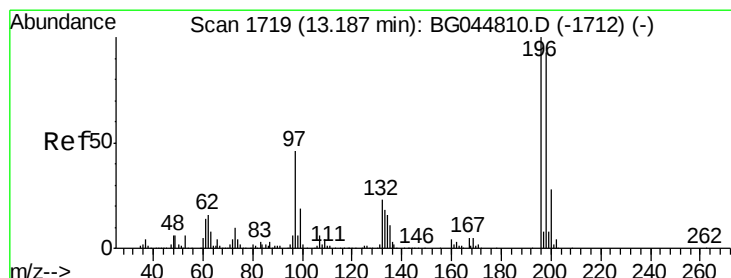
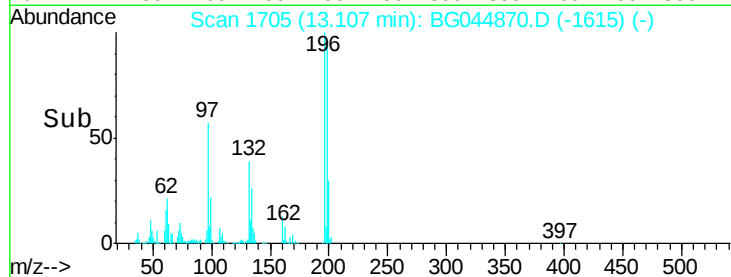
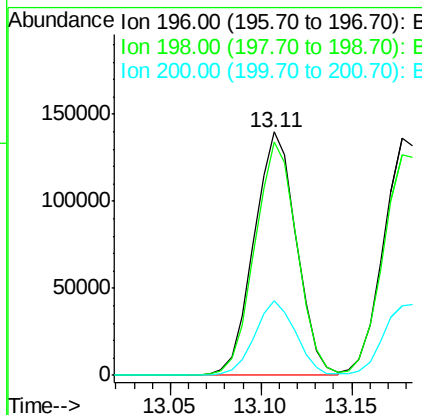
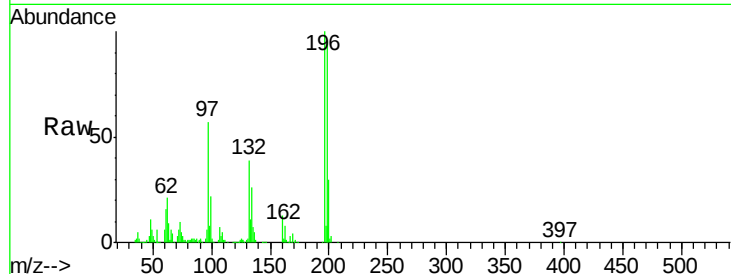




#43
 2,4,6-Trichlorophenol
 Concen: 42.94 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

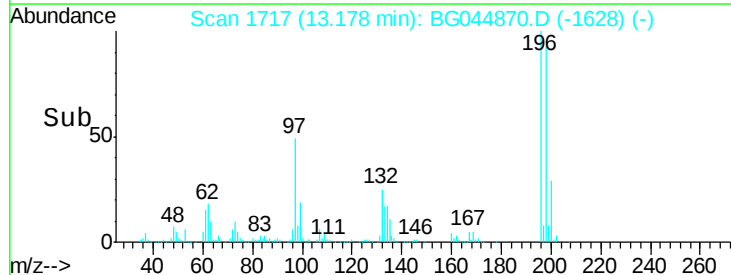
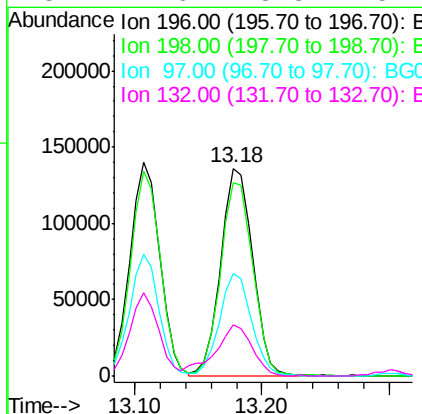
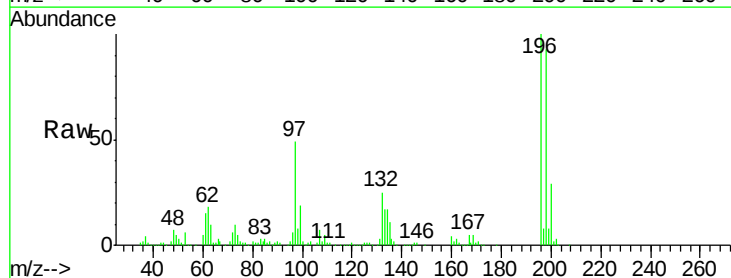
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

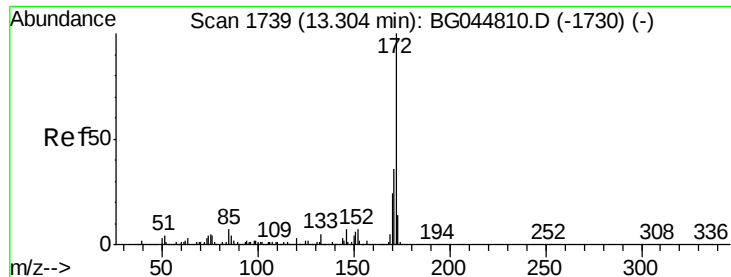
Tgt Ion:196 Resp: 229357
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.9 112.3
 200 30.5 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.99 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:196 Resp: 238138
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.2 111.4
 97 49.0 36.7 55.1
 132 24.6 18.8 28.2

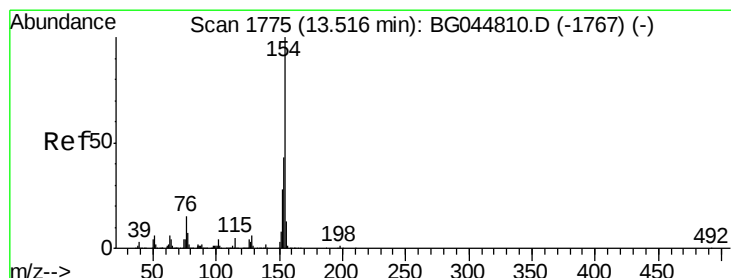
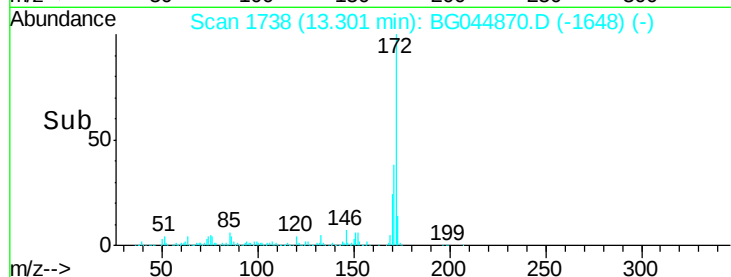
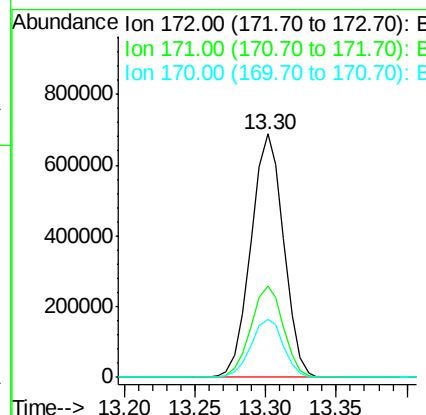
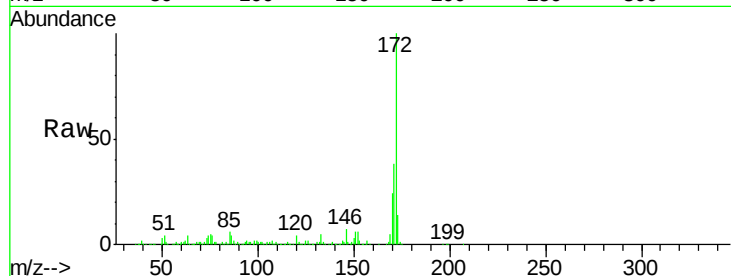




#45
2-Fluorobiphenyl
Concen: 65.64 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

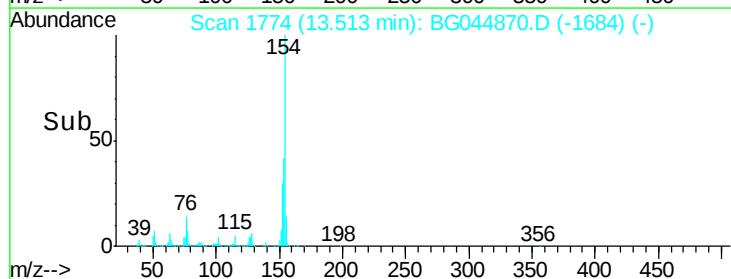
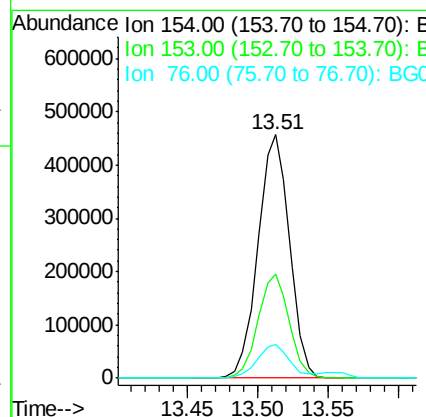
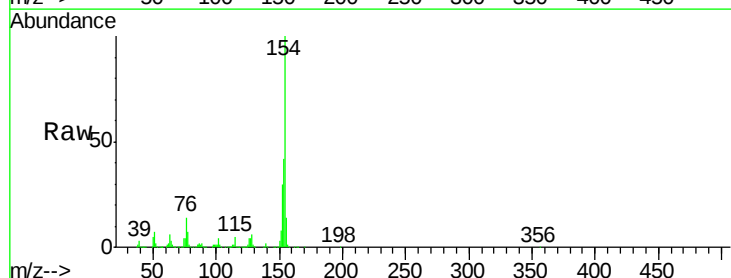
Instrument :
BNA_G
ClientSampleId :
PB127635BSD

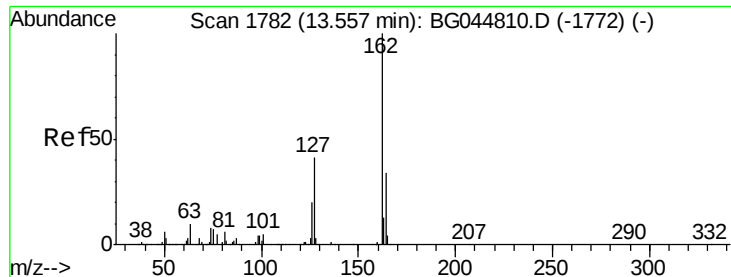
Tgt Ion:172 Resp: 1120281
Ion Ratio Lower Upper
172 100
171 37.7 28.7 43.1
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 36.65 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion:154 Resp: 715767
Ion Ratio Lower Upper
154 100
153 42.5 22.9 62.9
76 14.0 0.0 34.6

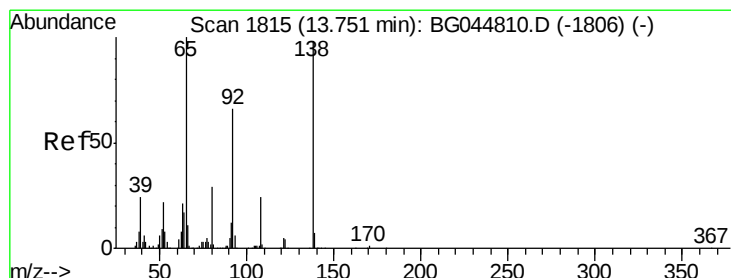
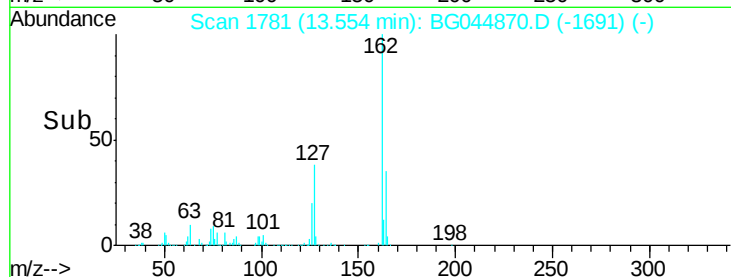
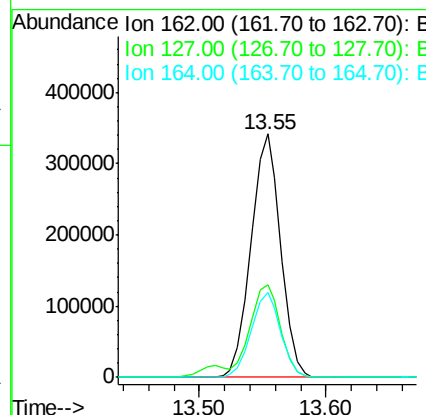
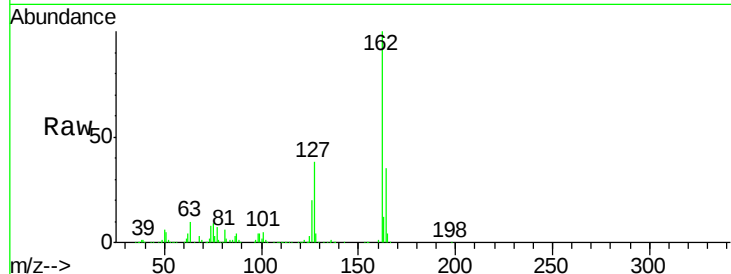




#47
 2-Chloronaphthalene
 Concen: 37.00 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

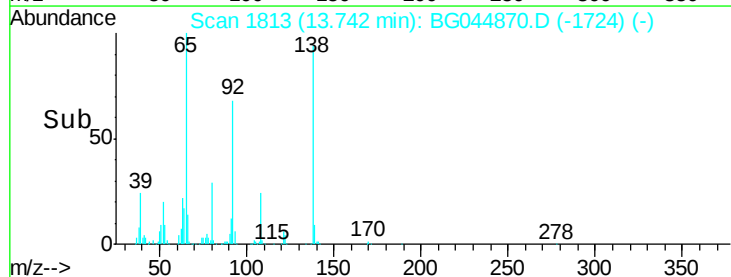
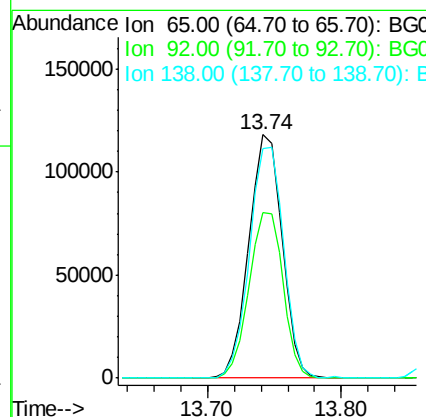
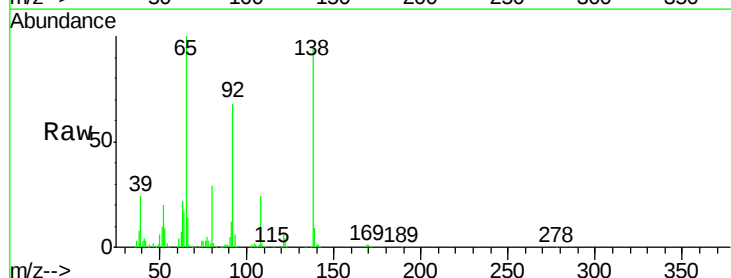
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

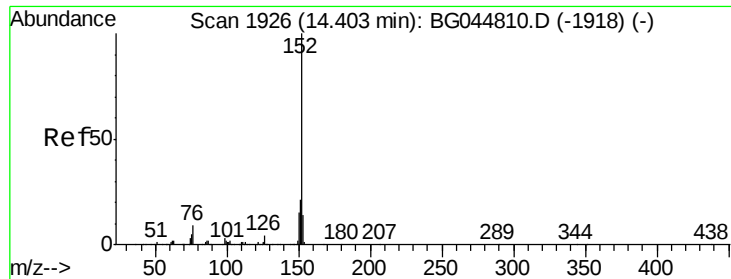
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	33.1	49.7
164	35.0	27.4	41.2



#48
 2-Nitroaniline
 Concen: 38.97 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.6	79.0
138	94.2	78.3	117.5





#49

Acenaphthylene

Concen: 39.17 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

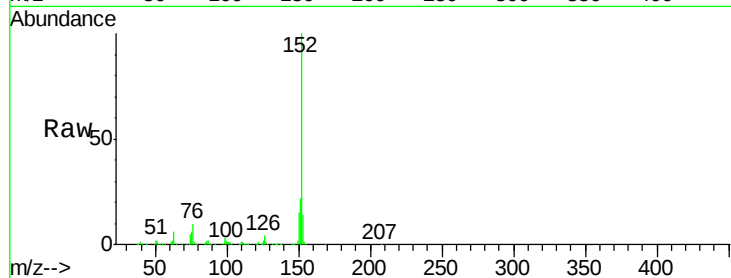
Tgt Ion:152 Resp: 915540

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

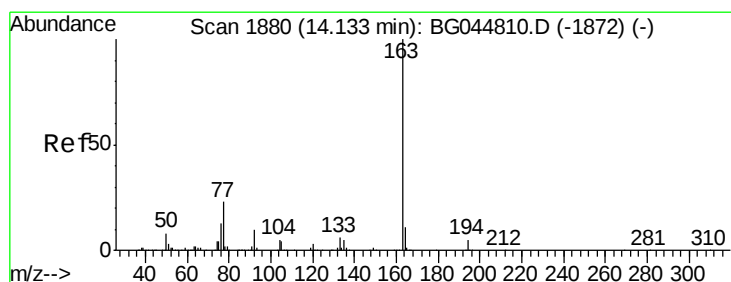
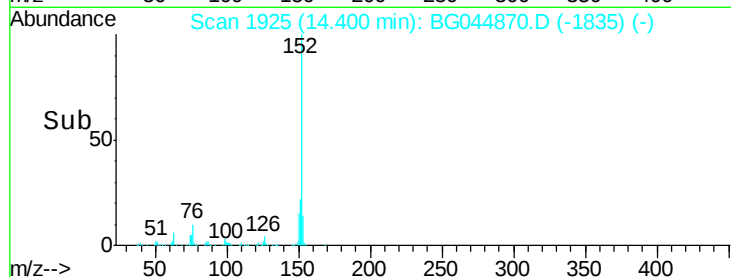
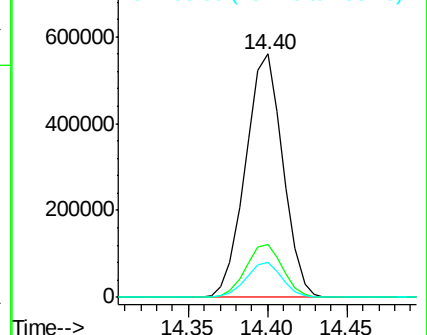
153 14.3 10.8 16.2



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: 37.59 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

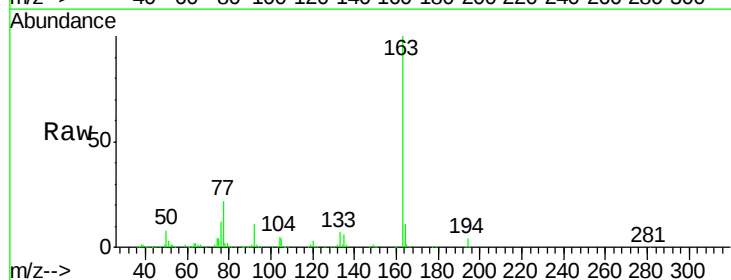
Tgt Ion:163 Resp: 731728

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

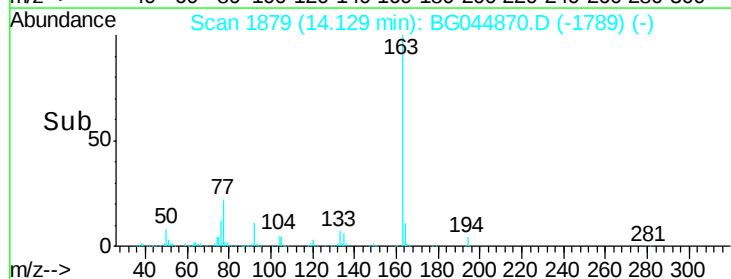
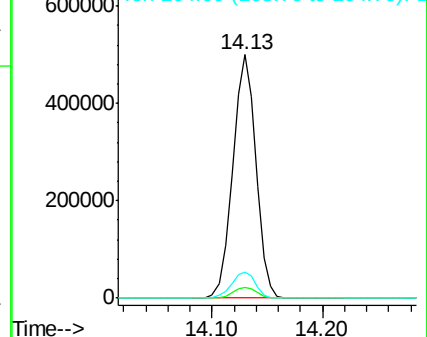
164 10.8 9.1 13.7

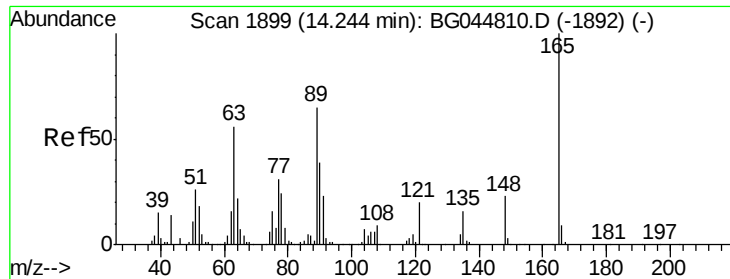


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

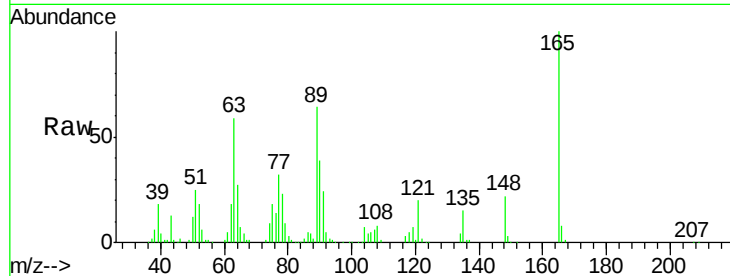




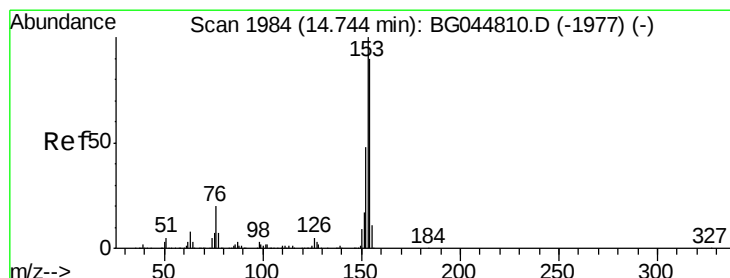
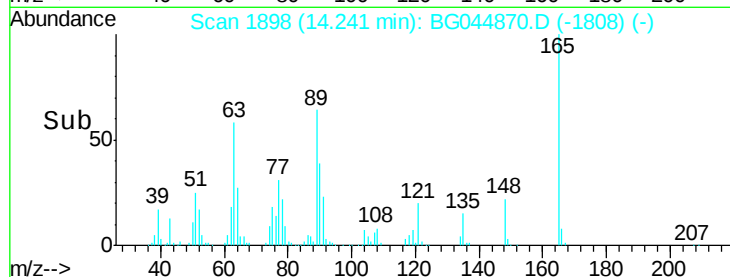
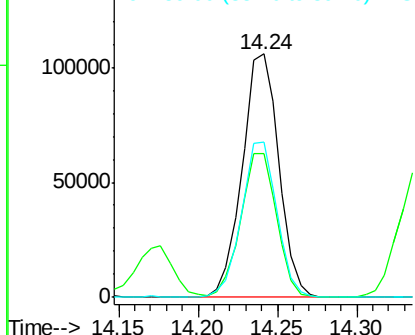
#51
 2,6-Dinitrotoluene
 Concen: 43.19 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tgt Ion:165 Resp: 169467
 Ion Ratio Lower Upper
 165 100
 63 59.1 45.8 68.8
 89 63.9 51.8 77.6

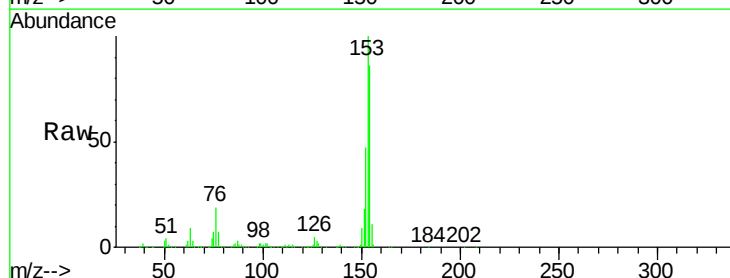


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

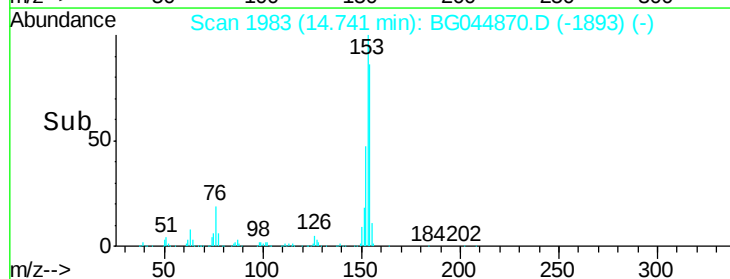
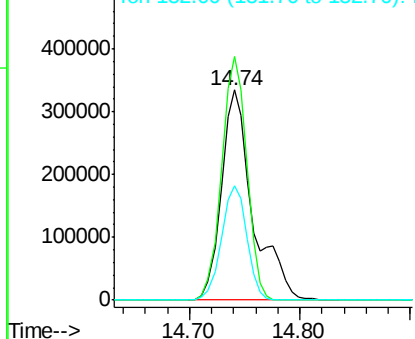


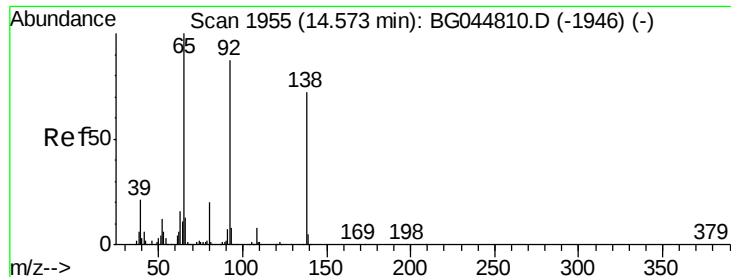
#52
 Acenaphthene
 Concen: 43.52 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:154 Resp: 666223
 Ion Ratio Lower Upper
 154 100
 153 115.8 89.0 133.6
 152 54.2 43.0 64.6



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

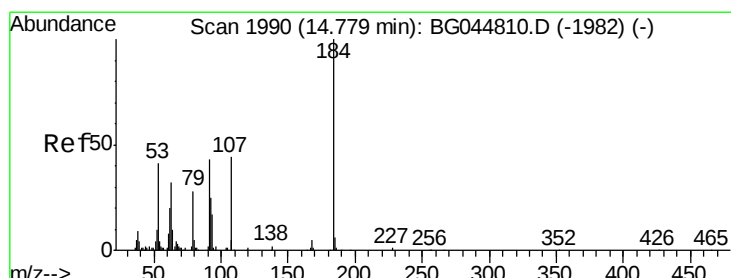
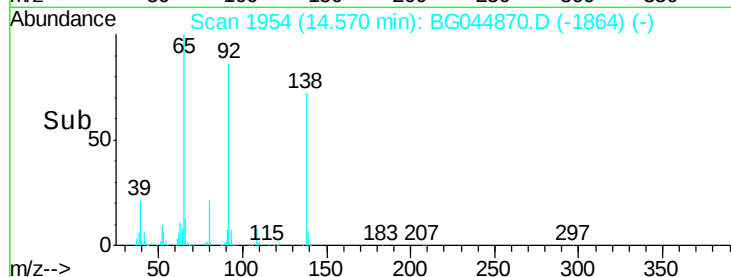
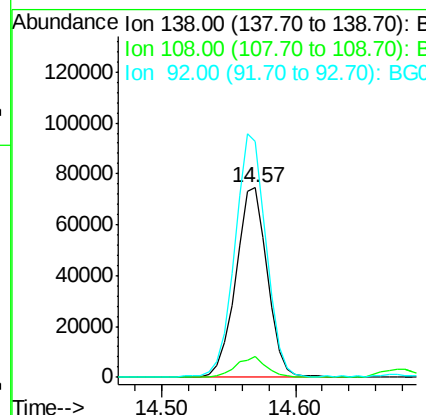
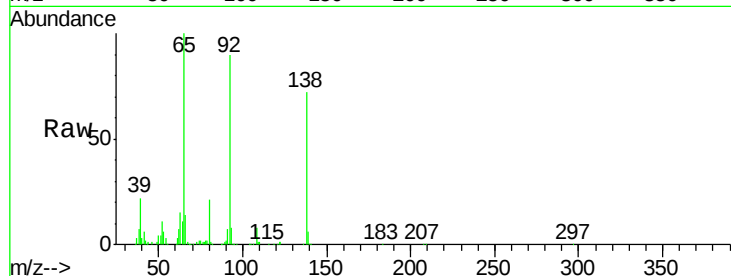




#53
 3-Nitroaniline
 Concen: 27.16 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

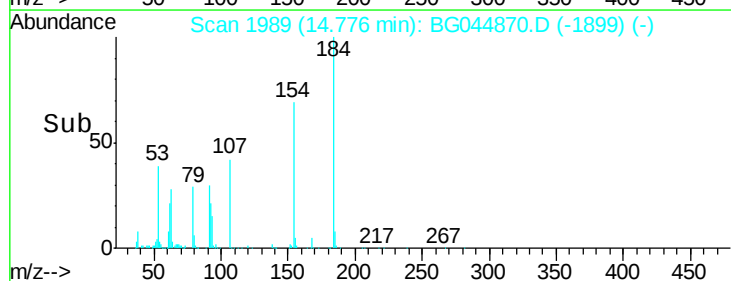
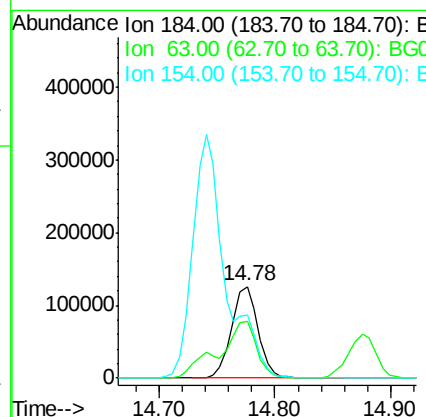
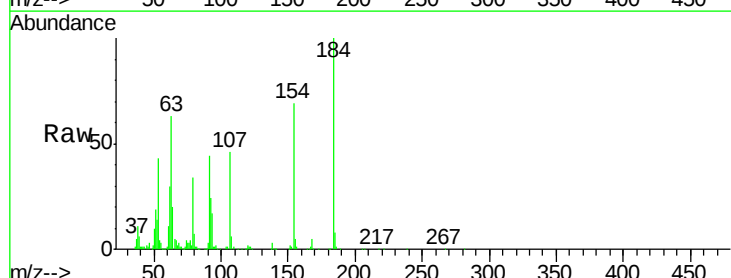
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

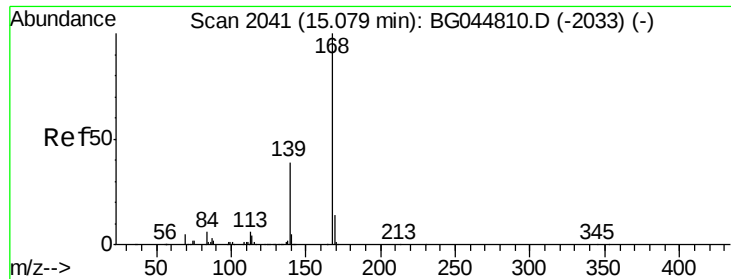
Tgt Ion:138 Resp: 122516
 Ion Ratio Lower Upper
 138 100
 108 11.2 9.0 13.4
 92 124.7 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 96.38 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:184 Resp: 201513
 Ion Ratio Lower Upper
 184 100
 63 62.6 45.5 68.3
 154 68.5 49.1 73.7

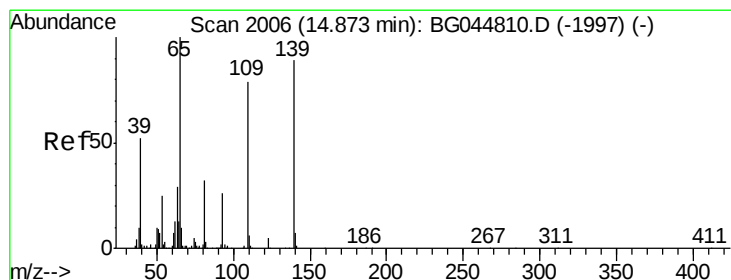
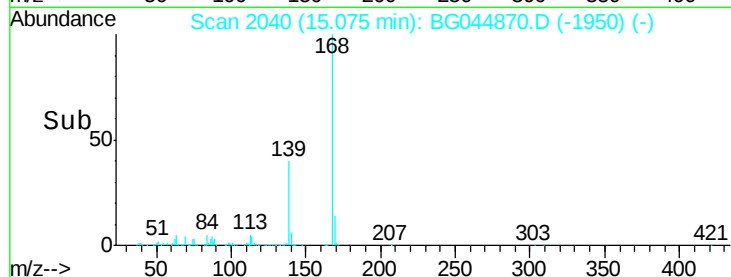
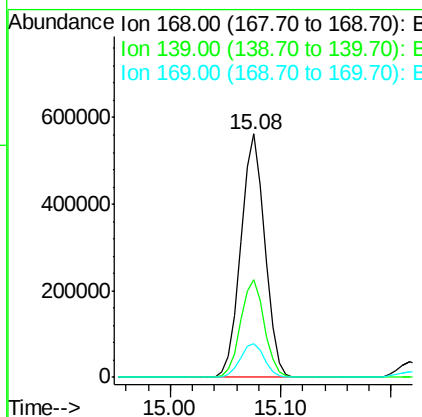
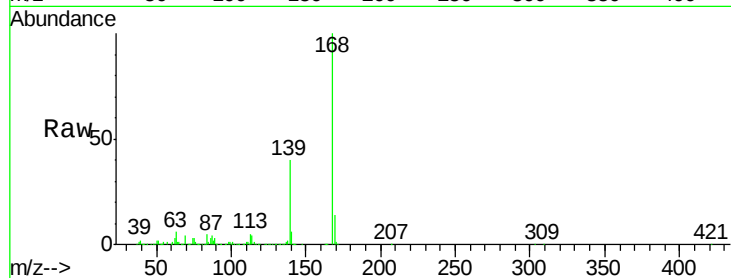




#55
Dibenzenofuran
Concen: 38.81 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

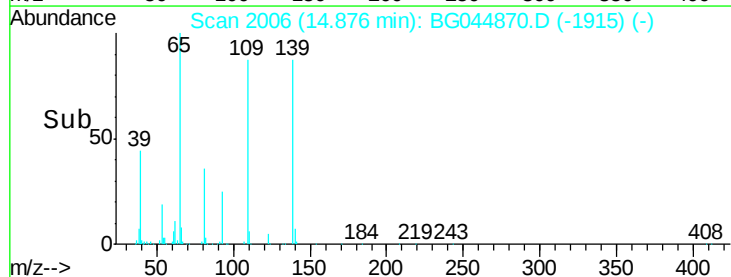
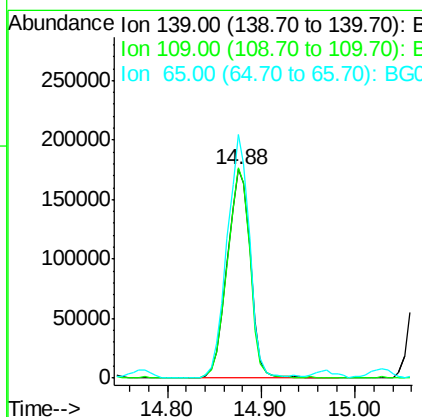
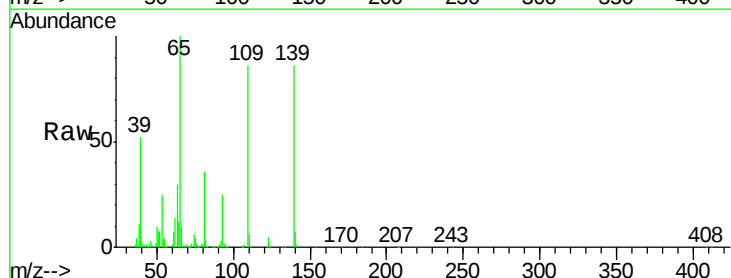
Instrument :
BNA_G
ClientSampleId :
PB127635BSD

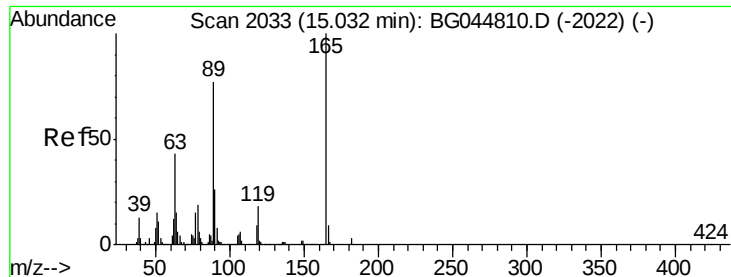
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.4	47.0
169	13.8	11.1	16.7



#56
4-Nitrophenol
Concen: 87.53 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.6	68.8	108.8
65	116.6	92.5	132.5

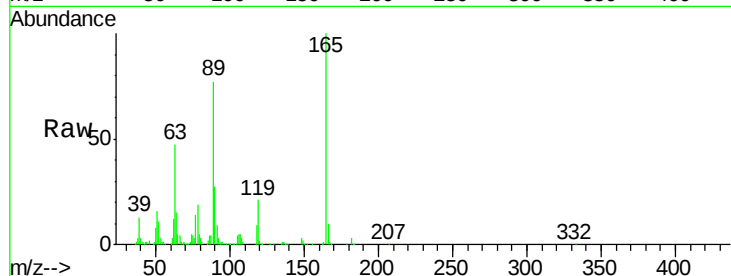




#57
2,4-Dinitrotoluene
Concen: 43.17 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.0	34.6	52.0
89	76.7	61.3	91.9
182	2.8	2.2	3.2

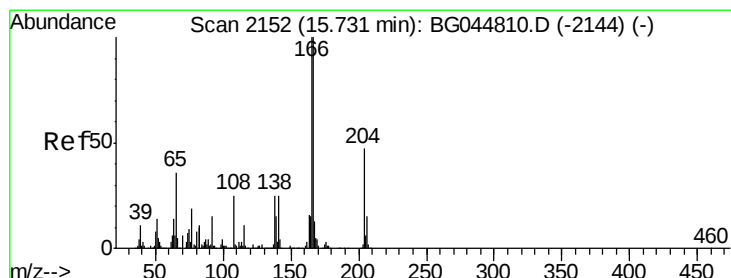
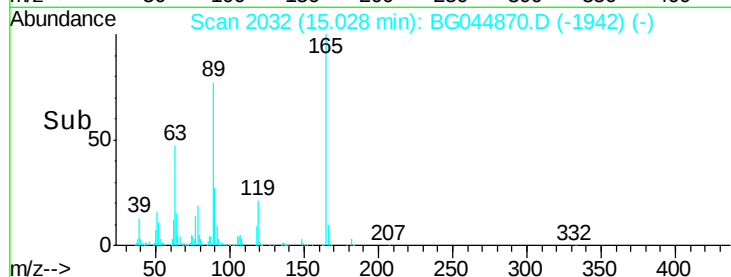
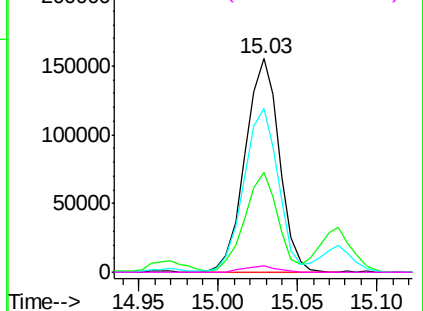


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

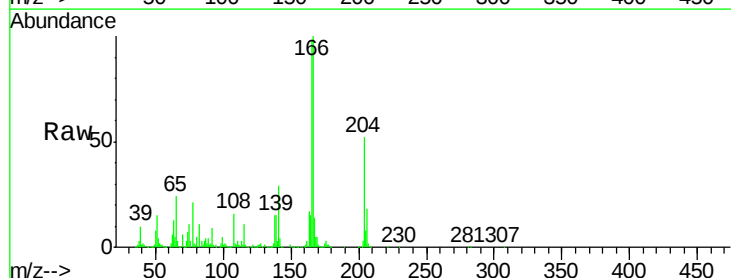
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.51 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

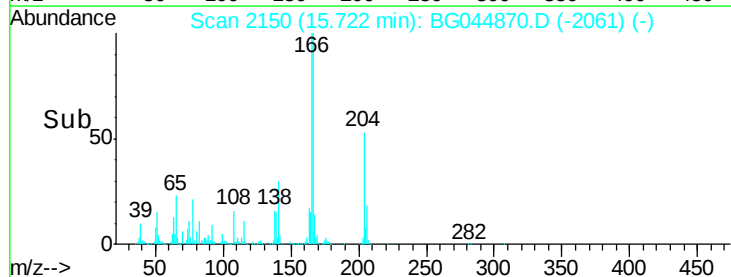
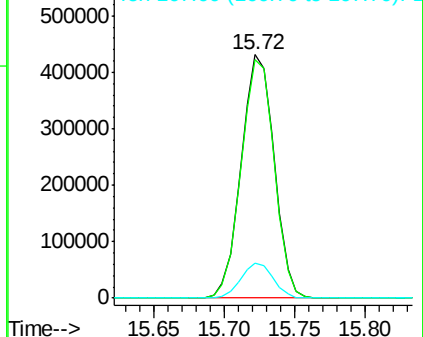
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.7	119.5
167	14.5	10.6	16.0

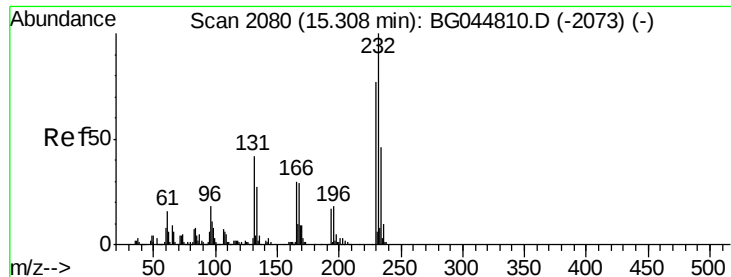


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

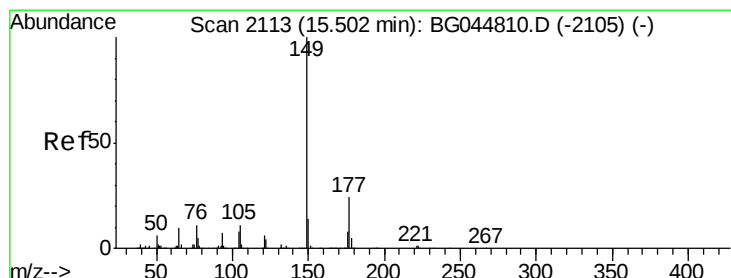
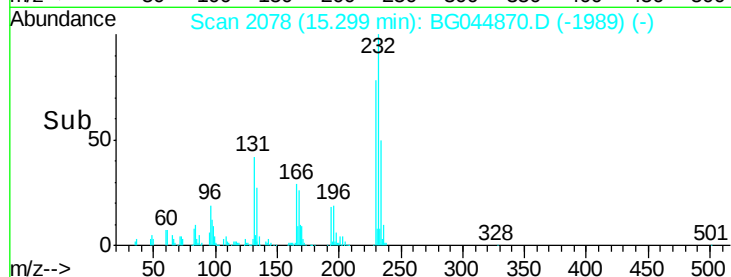
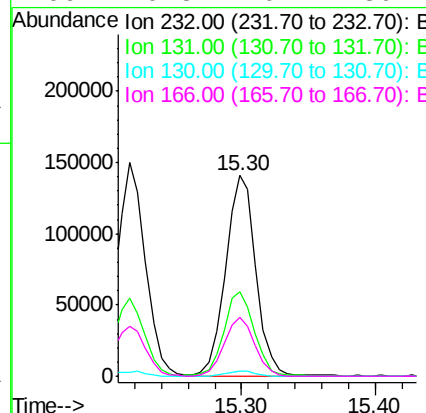
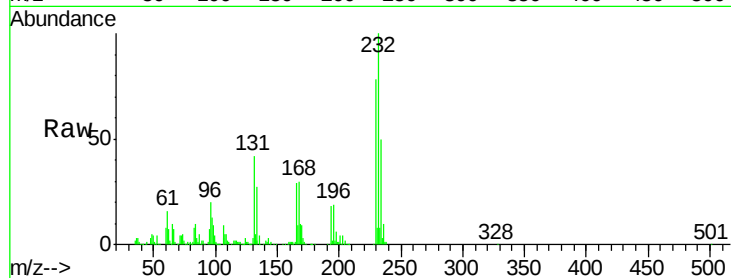




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.57 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

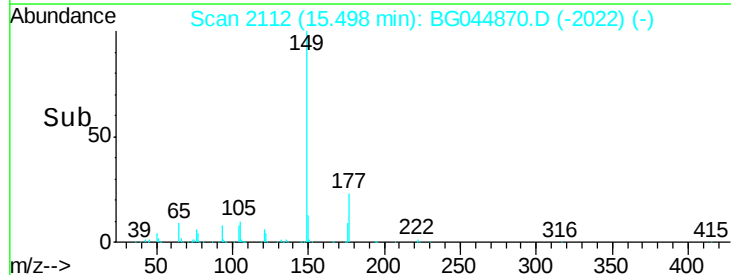
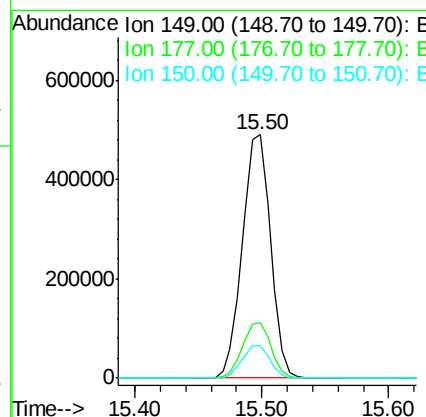
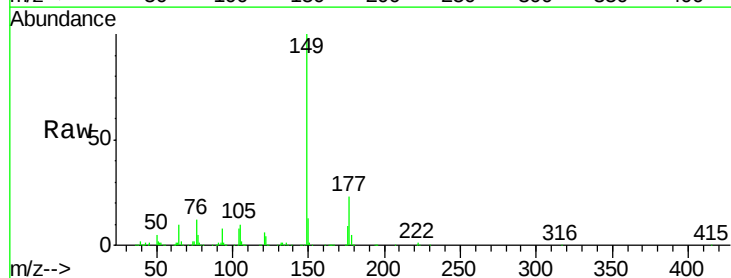
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

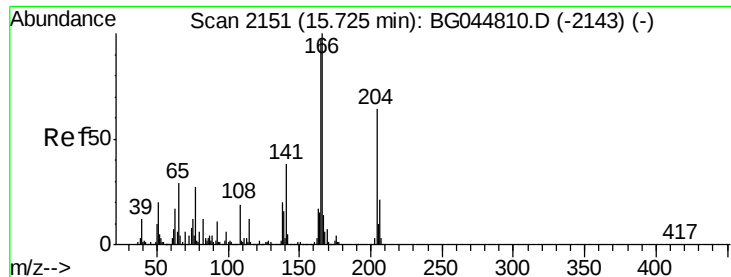
Tgt Ion:	232	Resp:	222197
Ion	Ratio	Lower	Upper
232	100		
131	42.8	31.8	47.8
130	2.7	2.2	3.2
166	29.8	20.2	30.2



#60
 Diethylphthalate
 Concen: 37.09 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:	149	Resp:	753023
Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.3	28.9
150	13.2	11.0	16.6

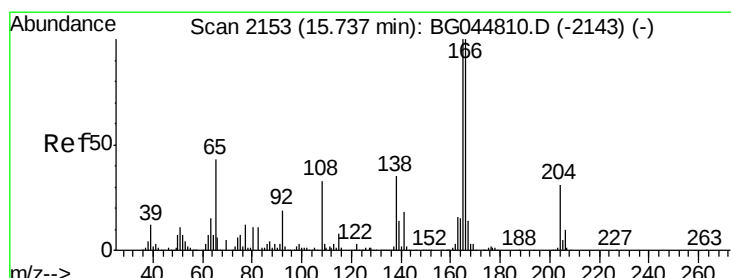
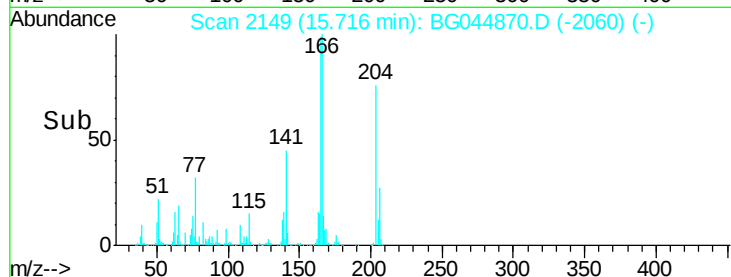
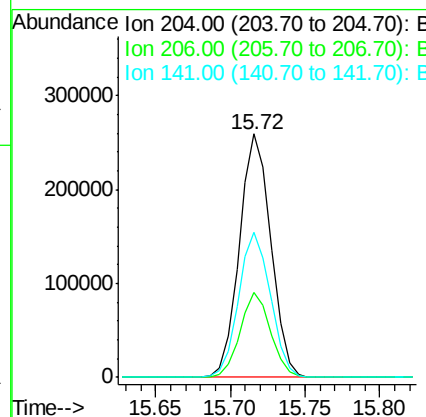
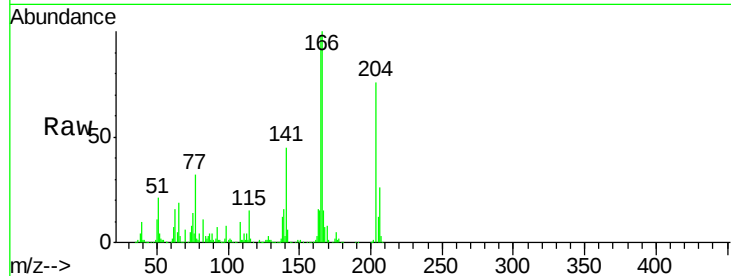




#61
 4-Chlorophenyl-phenylether
 Concen: 38.63 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

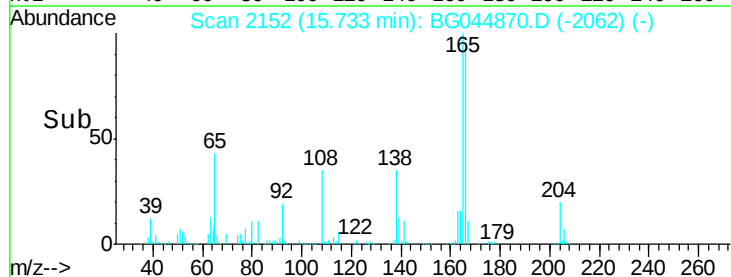
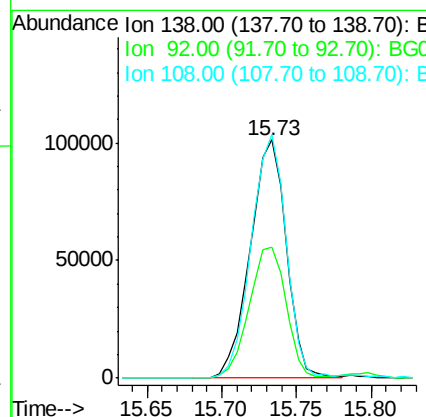
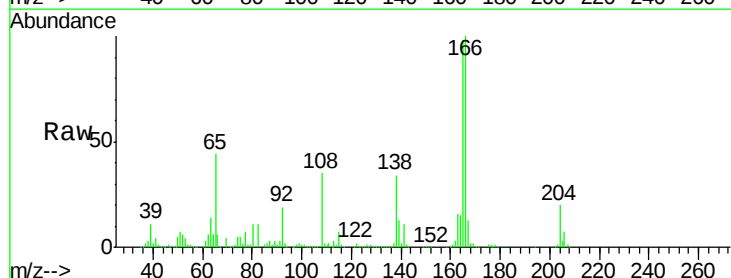
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

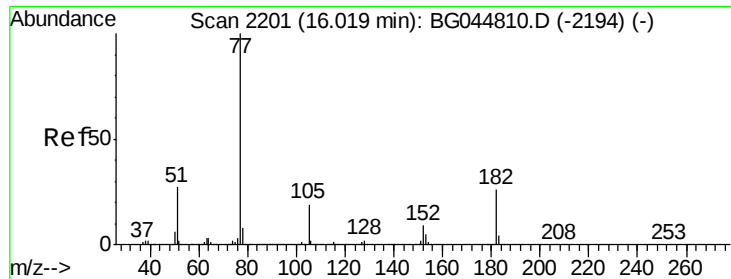
Tgt Ion: 204 Resp: 379819
 Ion Ratio Lower Upper
 204 100
 206 34.7 26.2 39.2
 141 59.5 47.7 71.5



#62
 4-Nitroaniline
 Concen: 35.18 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion: 138 Resp: 169225
 Ion Ratio Lower Upper
 138 100
 92 54.8 34.5 74.5
 108 102.3 74.5 114.5

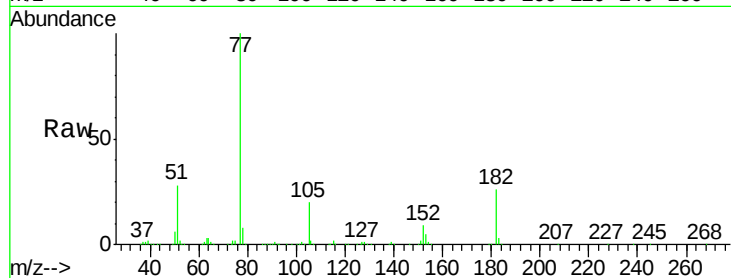




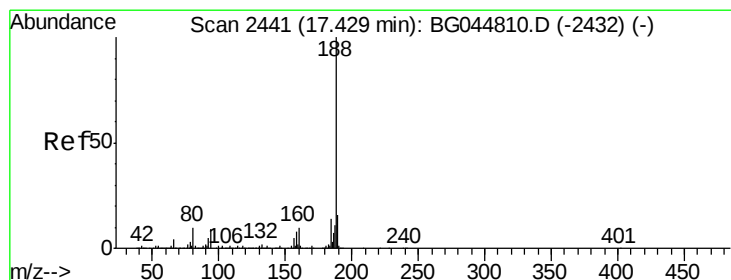
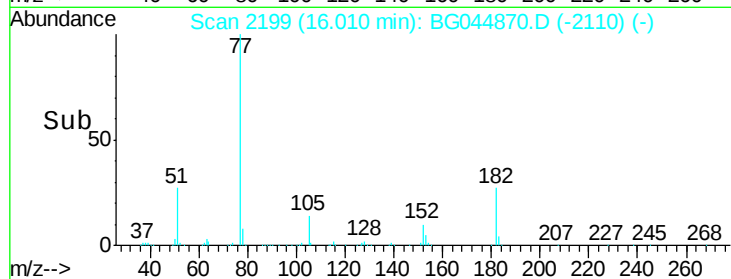
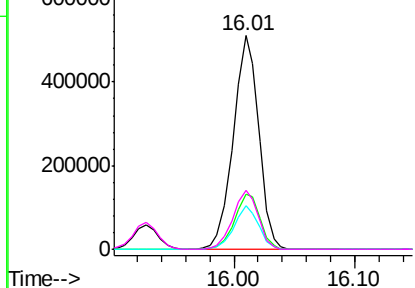
#63
Azobenzene
Concen: 35.51 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tgt Ion:	77	Resp:	748641
Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.4	46.4
105	20.4	0.0	39.1
51	27.7	7.3	47.3

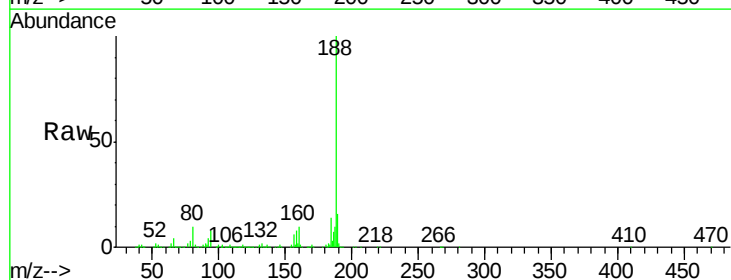


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

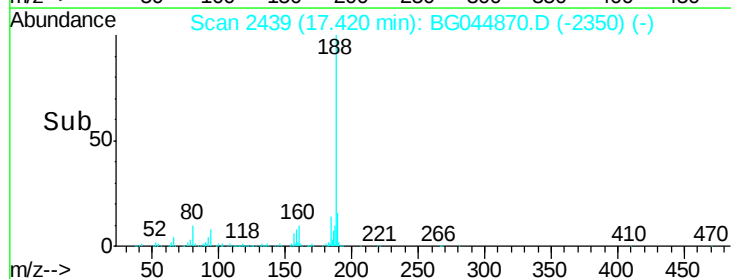
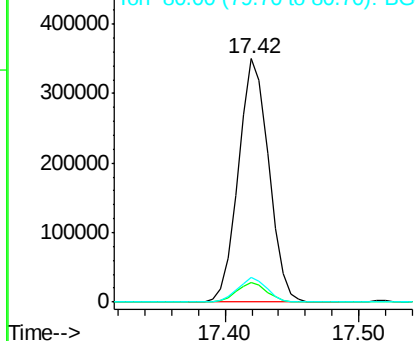


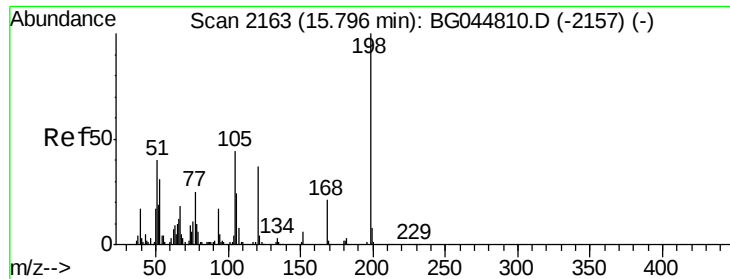
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion:	188	Resp:	548754
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.3	10.9
80	10.1	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

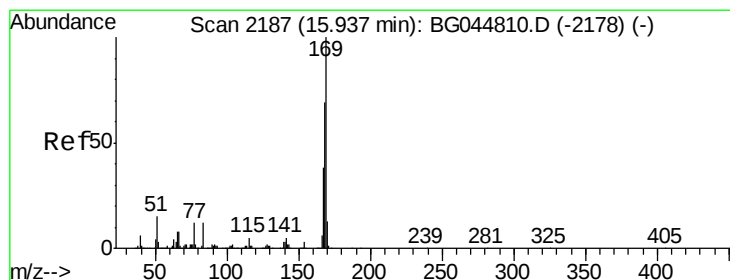
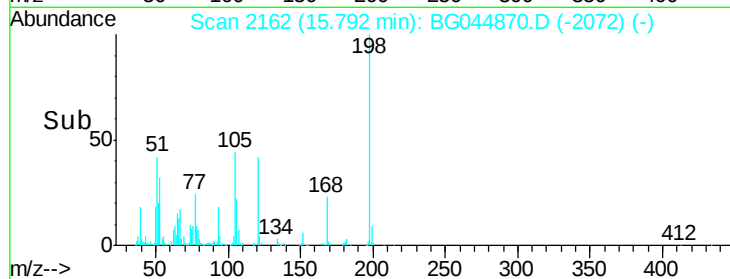
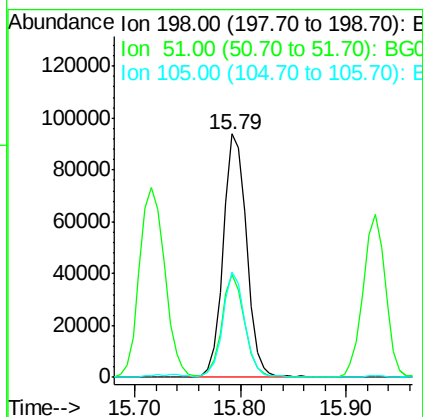
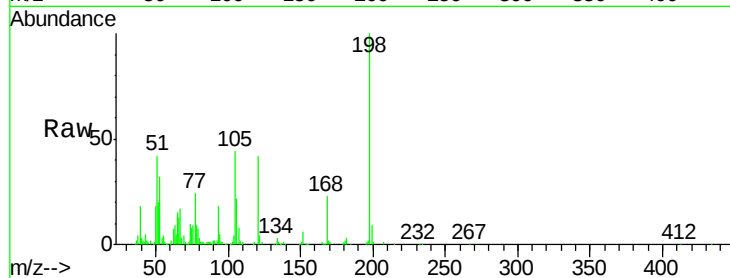




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.52 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

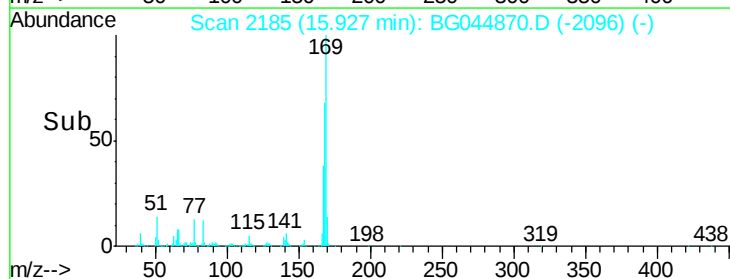
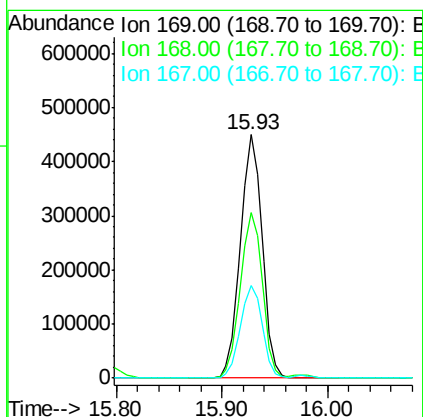
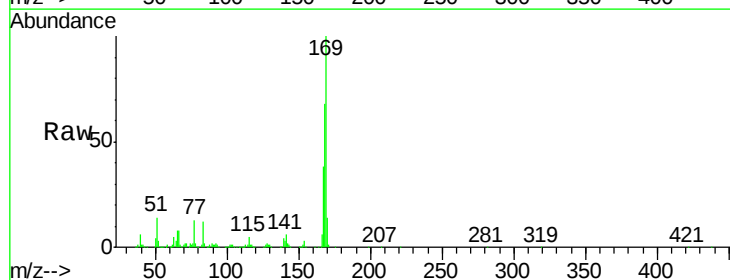
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

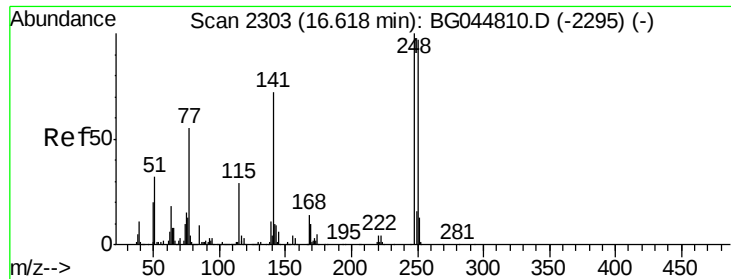
Tgt Ion:198 Resp: 144016
 Ion Ratio Lower Upper
 198 100
 51 42.3 21.1 61.1
 105 43.5 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 38.83 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion:169 Resp: 641499
 Ion Ratio Lower Upper
 169 100
 168 68.0 55.4 83.2
 167 37.9 30.1 45.1

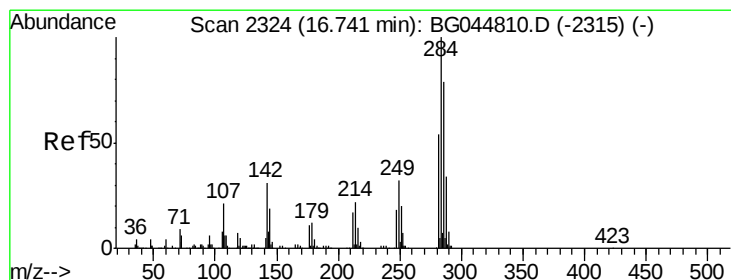
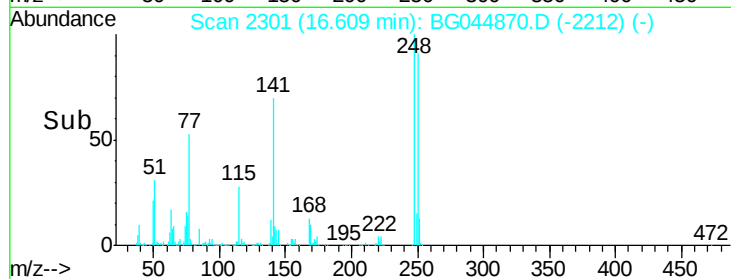
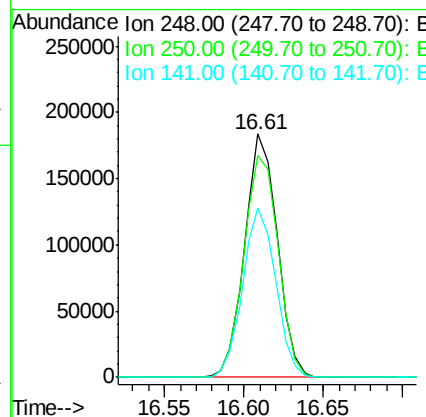
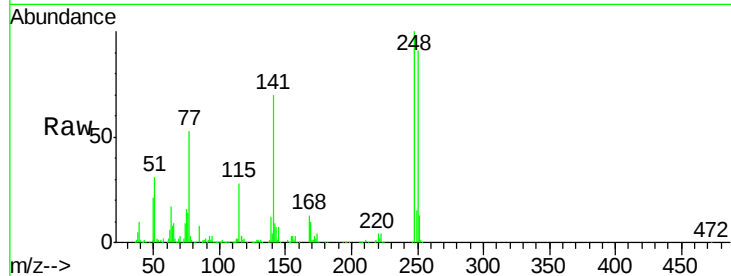




#67
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

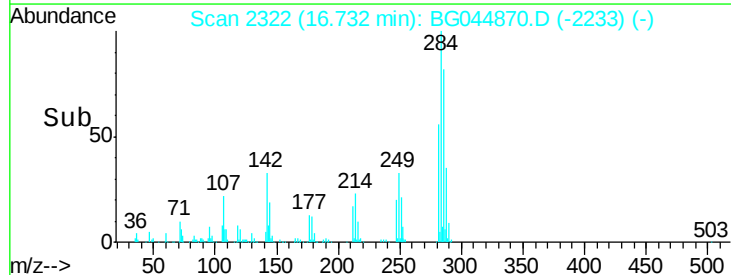
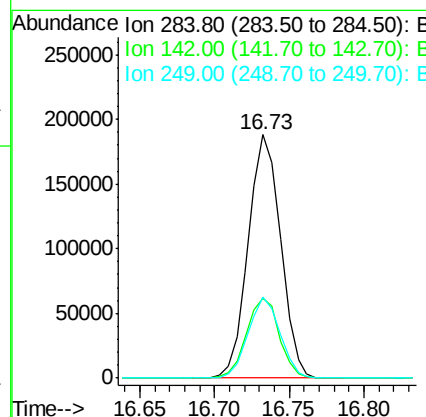
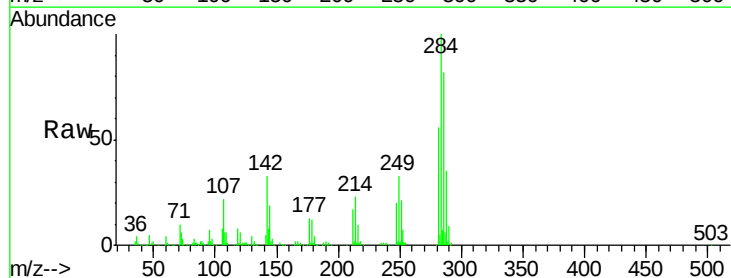
Instrument :
BNA_G
ClientSampleId :
PB127635BSD

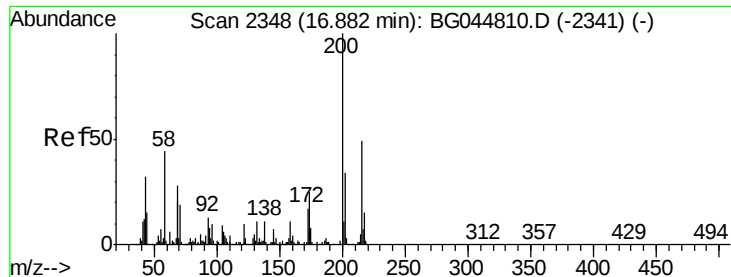
Tgt Ion:248 Resp: 262582
Ion Ratio Lower Upper
248 100
250 91.3 77.9 116.9
141 69.7 57.5 86.3



#68
Hexachlorobenzene
Concen: 37.89 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion:284 Resp: 282015
Ion Ratio Lower Upper
284 100
142 32.8 25.0 37.6
249 33.1 25.8 38.8





#69

Atrazine

Concen: 44.98 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

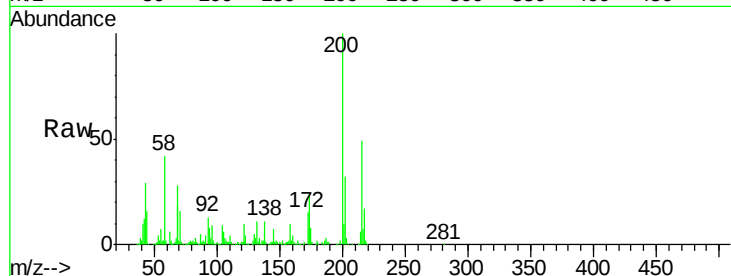
Tgt Ion:200 Resp: 272255

Ion Ratio Lower Upper

200 100

173 24.0 5.3 45.3

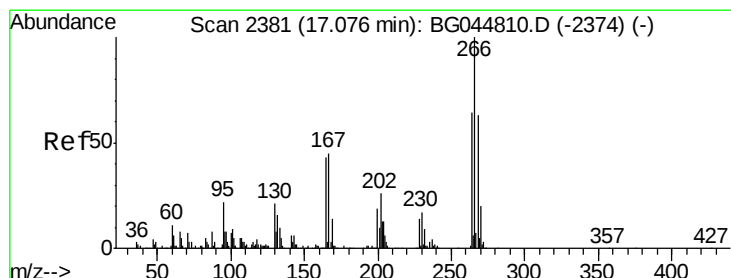
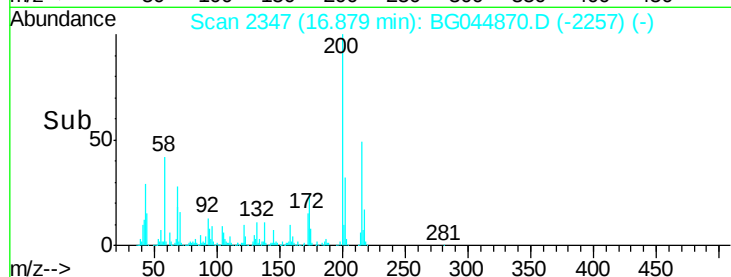
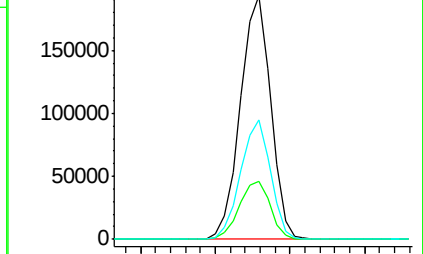
215 49.3 28.9 68.9



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: 88.72 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

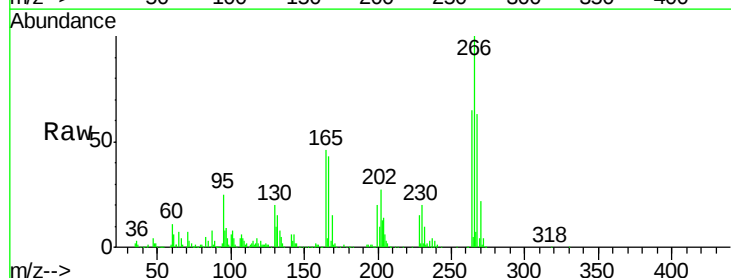
Tgt Ion:266 Resp: 363305

Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

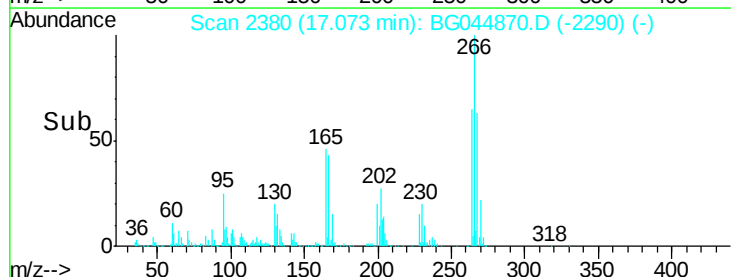
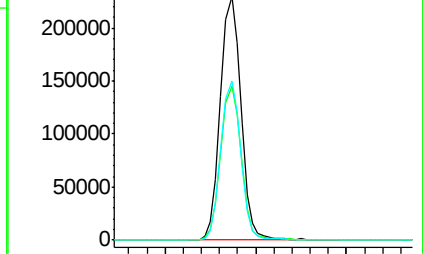
264 65.4 51.4 77.2

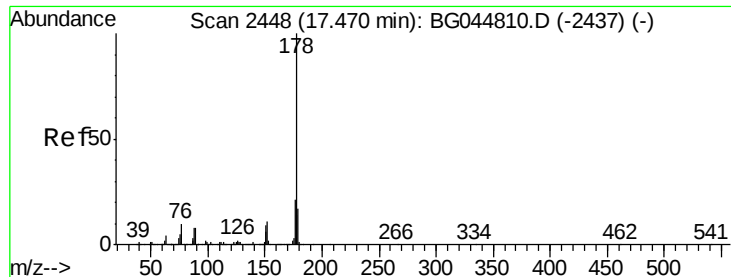


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.60 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

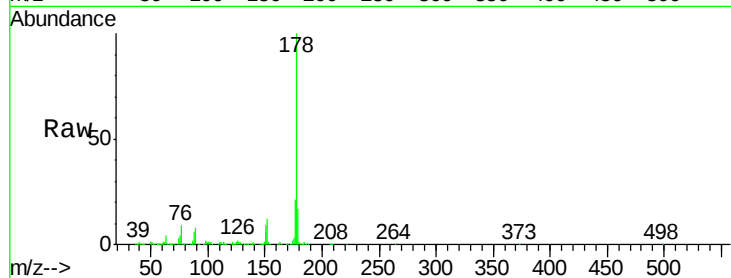
Tgt Ion:178 Resp: 1131988

Ion Ratio Lower Upper

178 100

176 20.8 16.6 24.8

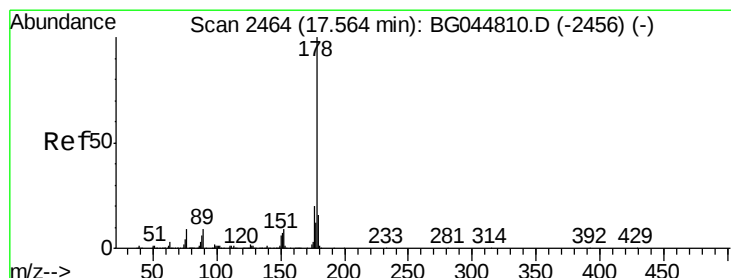
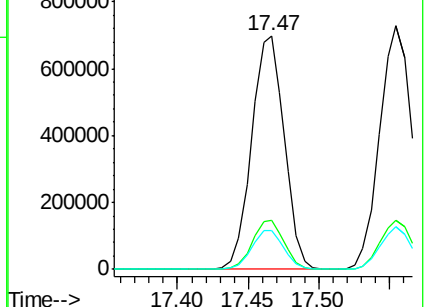
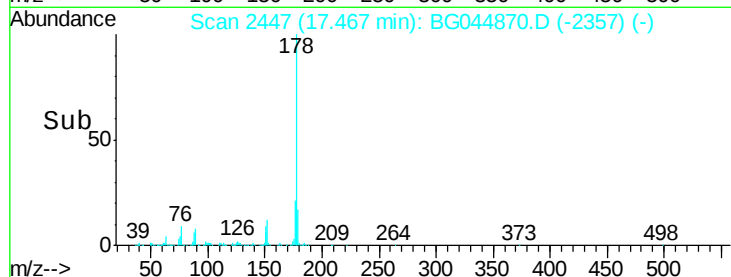
179 16.8 13.5 20.3



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: 39.67 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

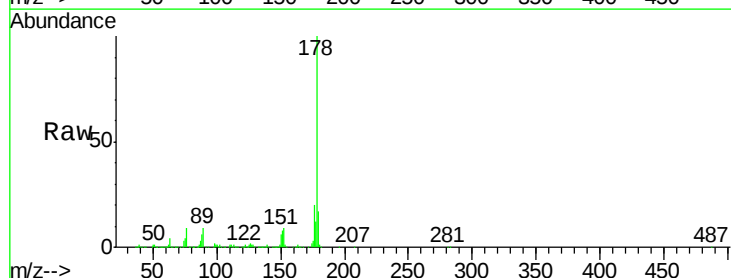
Tgt Ion:178 Resp: 1147172

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

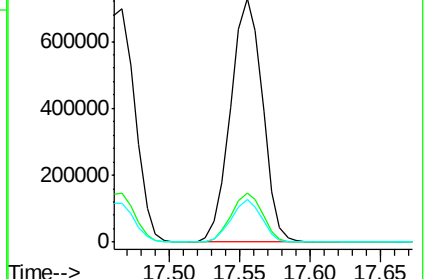
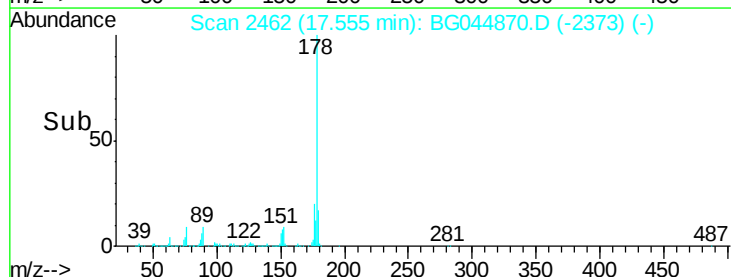
179 17.3 13.2 19.8

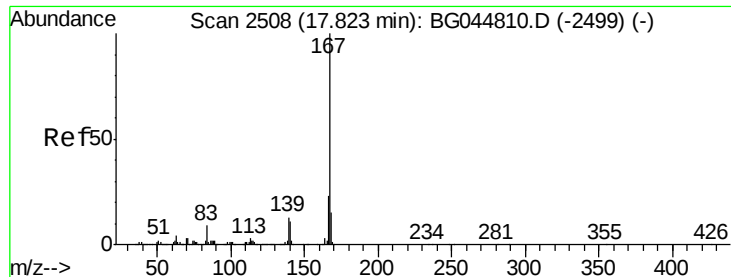


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.70 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

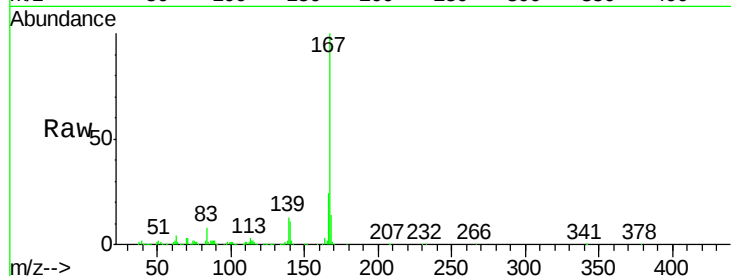
Tgt Ion:167 Resp: 1074905

Ion Ratio Lower Upper

167 100

166 23.6 18.8 28.2

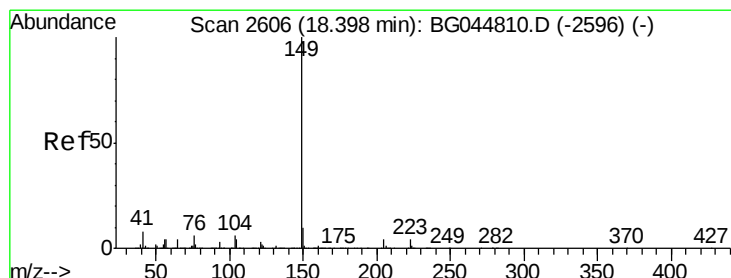
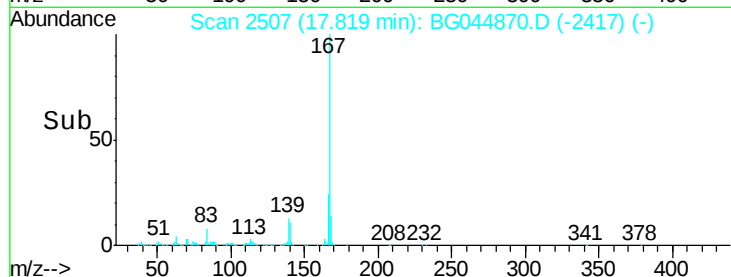
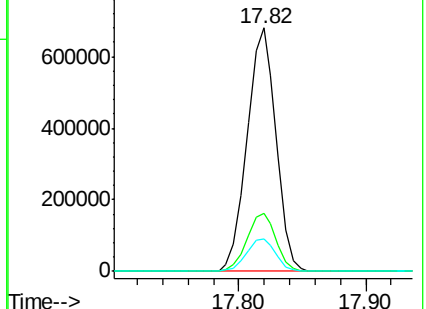
139 13.3 10.8 16.2



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: 38.27 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

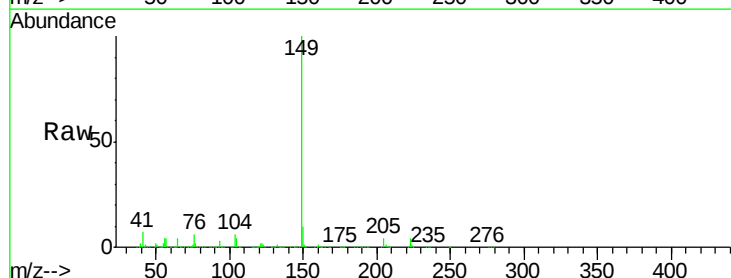
Tgt Ion:149 Resp: 1291993

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

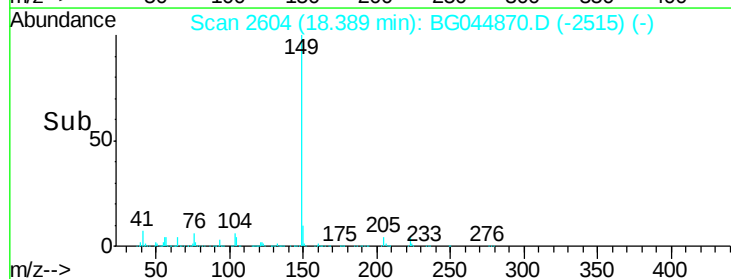
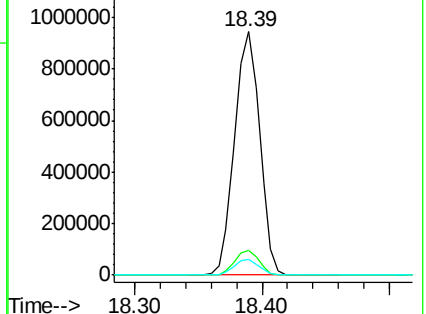
104 6.4 5.0 7.4



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: 40.62 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

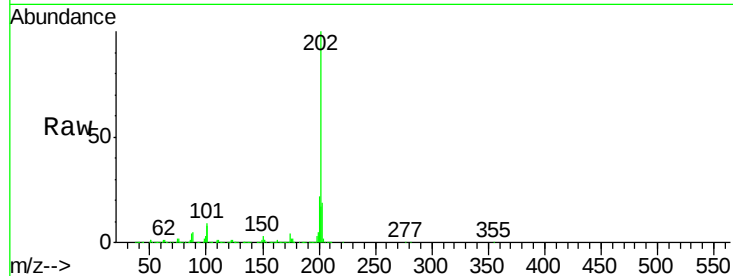
Tgt Ion:202 Resp: 1418149

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.8

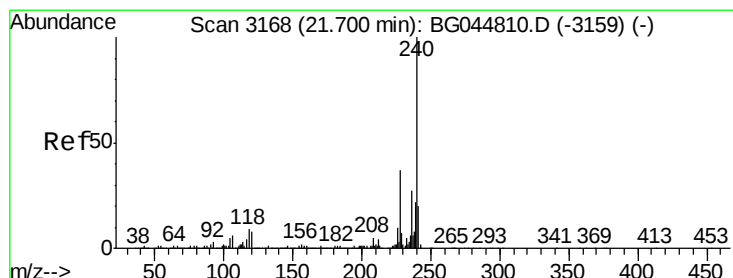
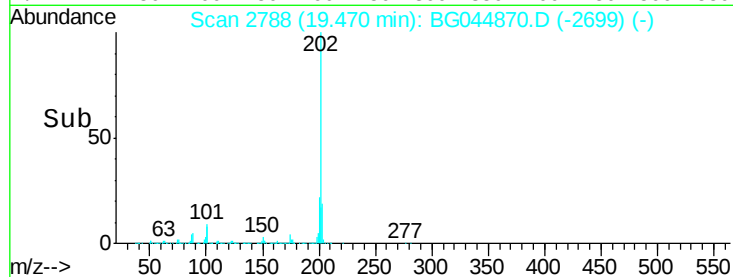
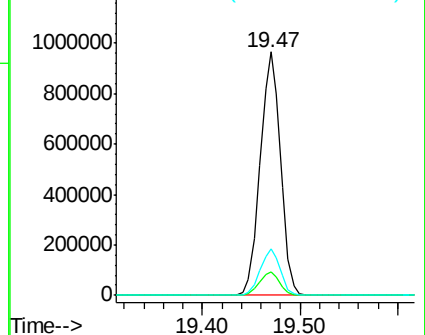
203 19.3 0.0 39.4



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# 3166

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

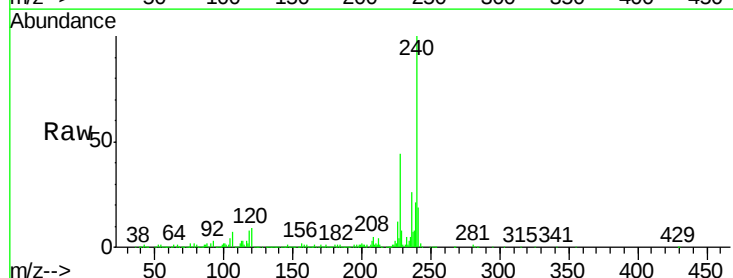
Tgt Ion:240 Resp: 496611

Ion Ratio Lower Upper

240 100

120 8.8 6.7 10.1

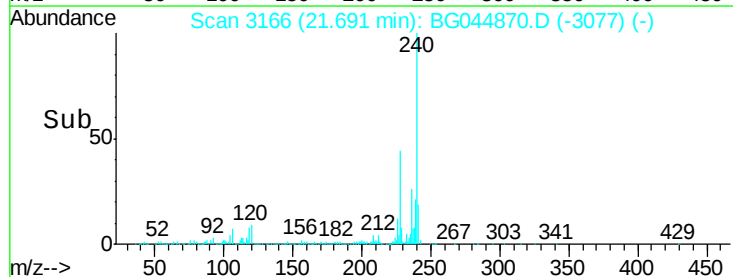
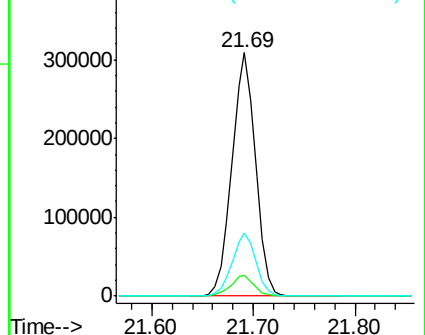
236 25.9 21.5 32.3

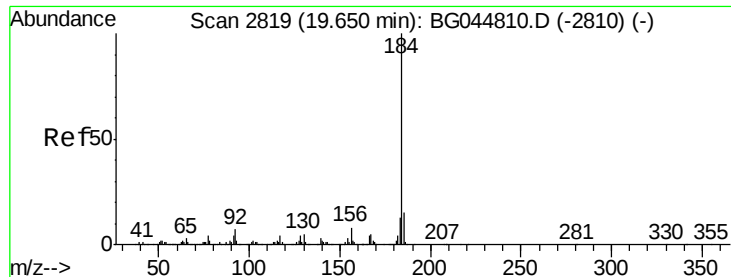


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.18 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

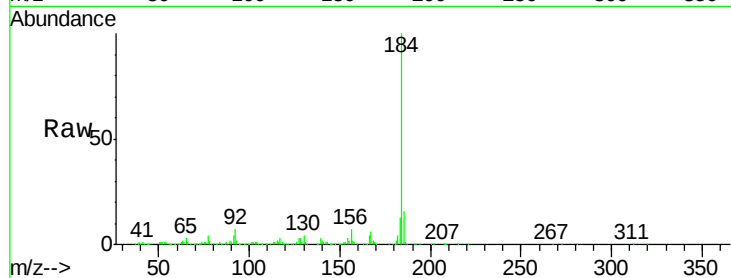
Tgt Ion:184 Resp: 567209

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.4

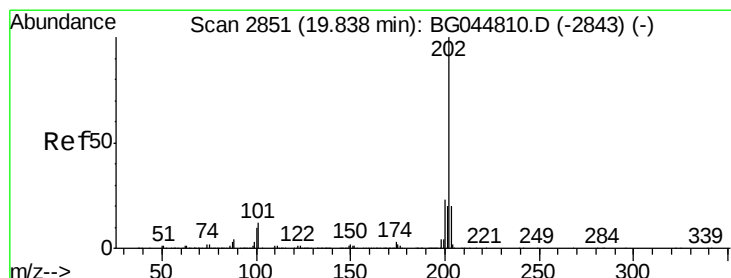
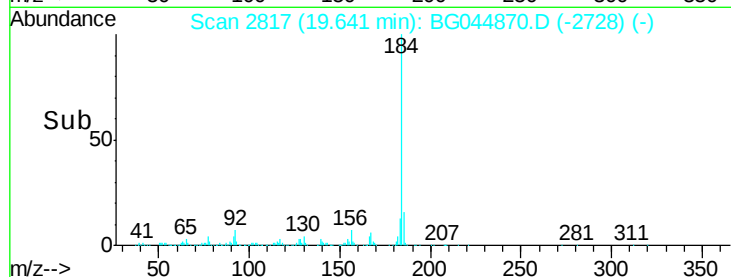
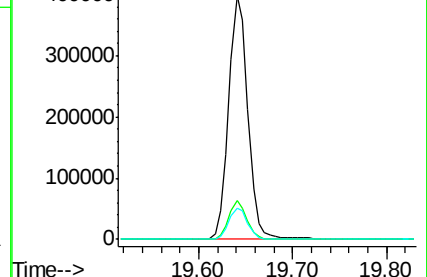
183 12.7 10.7 16.1



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: 38.61 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

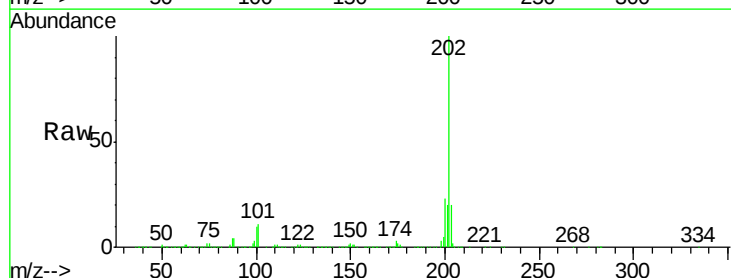
Tgt Ion:202 Resp: 1406748

Ion Ratio Lower Upper

202 100

200 23.3 18.3 27.5

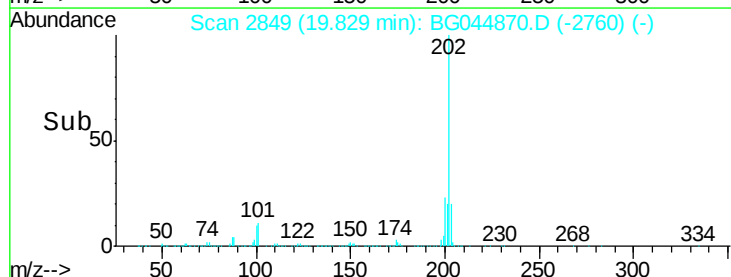
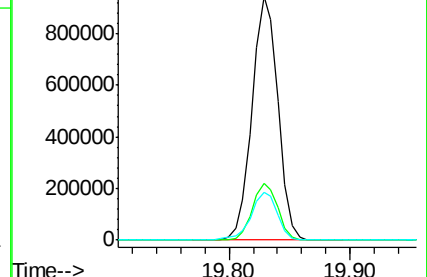
203 19.6 15.6 23.4

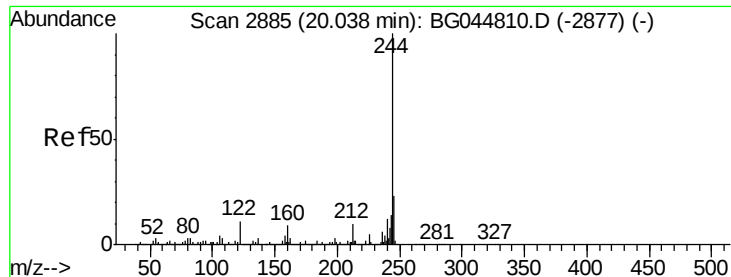


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.58 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

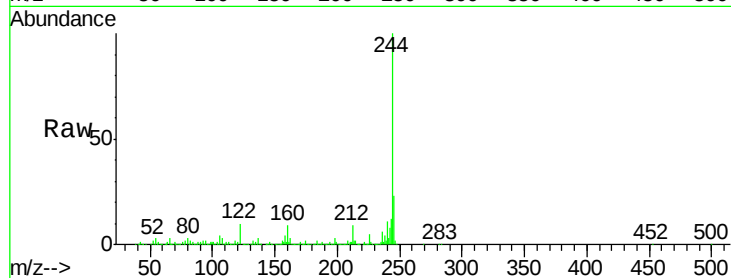
Tgt Ion:244 Resp: 1741037

Ion Ratio Lower Upper

244 100

212 9.0 7.7 11.5

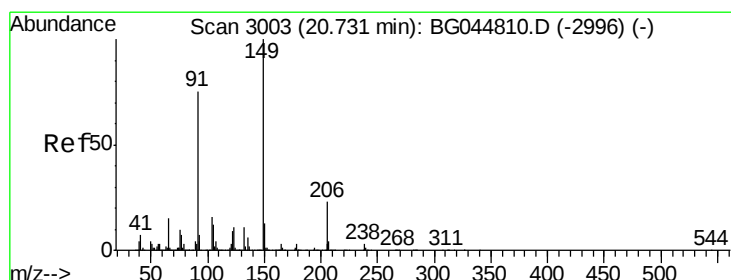
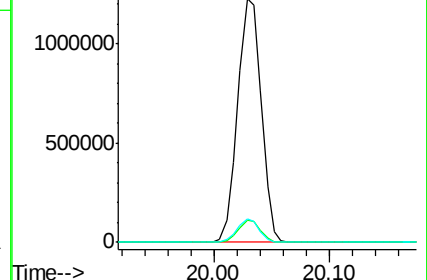
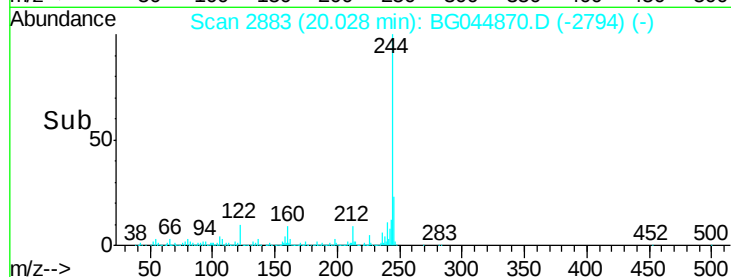
122 9.5 8.6 12.8



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: 37.56 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

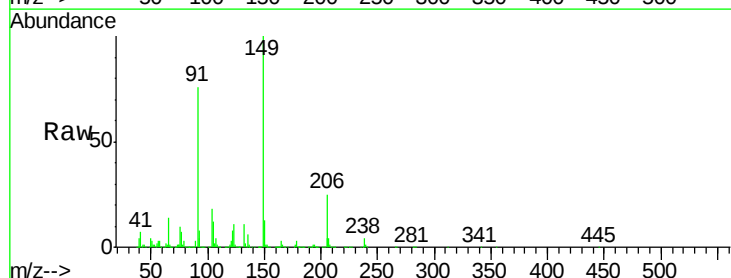
Tgt Ion:149 Resp: 608889

Ion Ratio Lower Upper

149 100

91 76.0 60.2 90.4

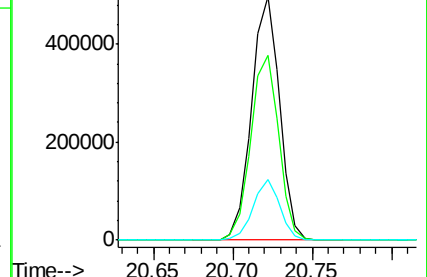
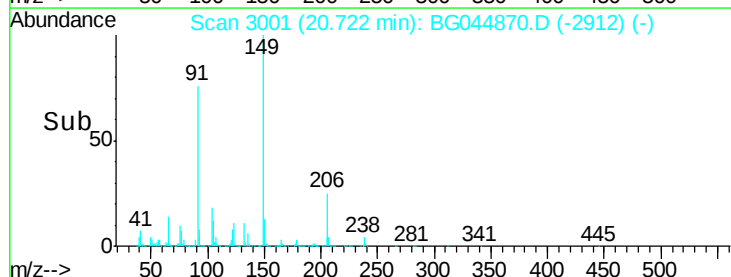
206 24.6 18.6 27.8

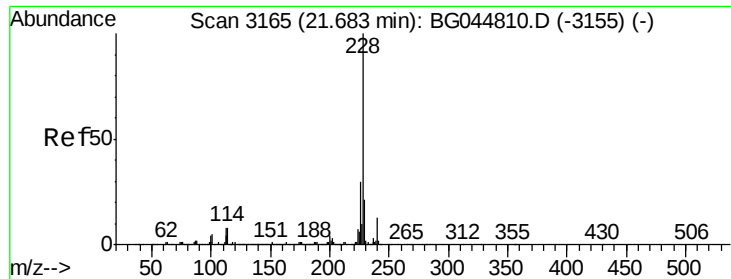


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.47 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

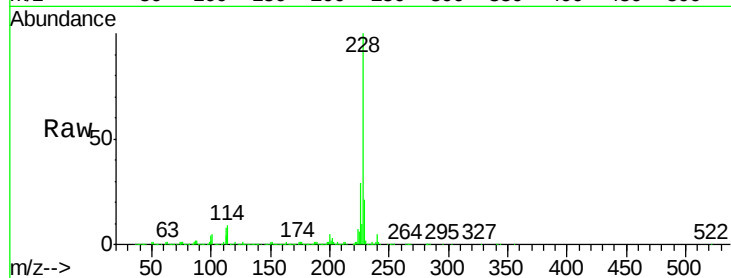
Tgt Ion:228 Resp: 1375601

Ion Ratio Lower Upper

228 100

226 29.5 23.6 35.4

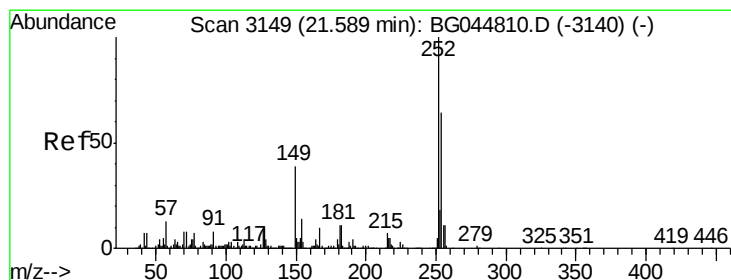
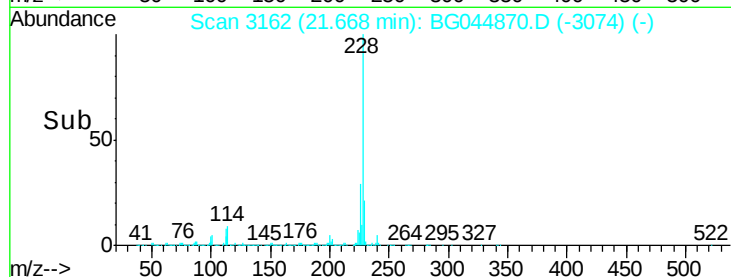
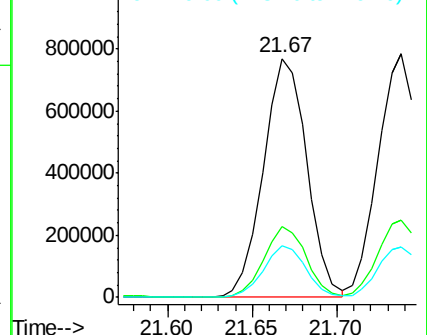
229 21.5 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.48 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

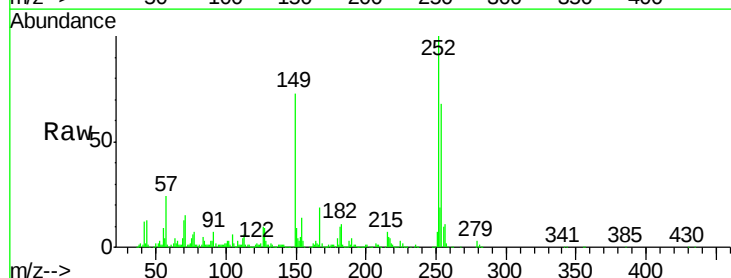
Tgt Ion:252 Resp: 435532

Ion Ratio Lower Upper

252 100

254 67.8 51.6 77.4

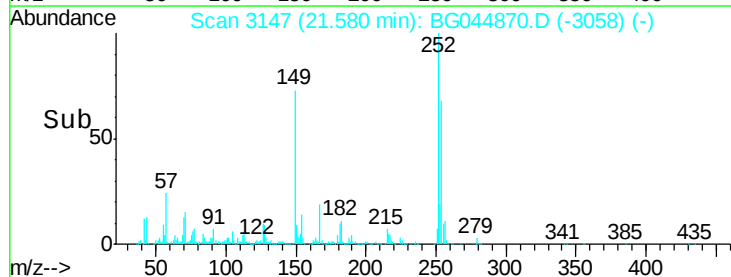
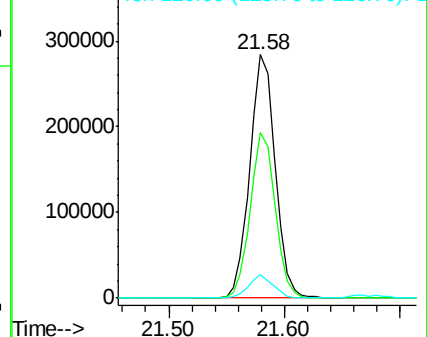
126 9.6 7.0 10.6

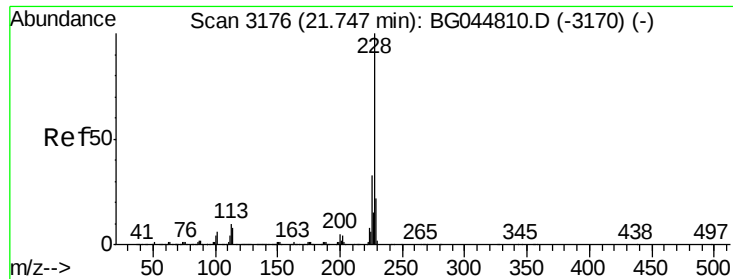


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.27 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

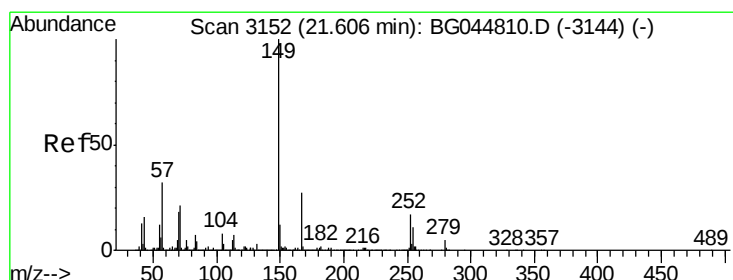
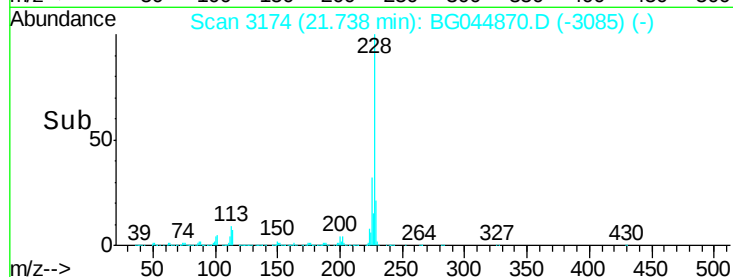
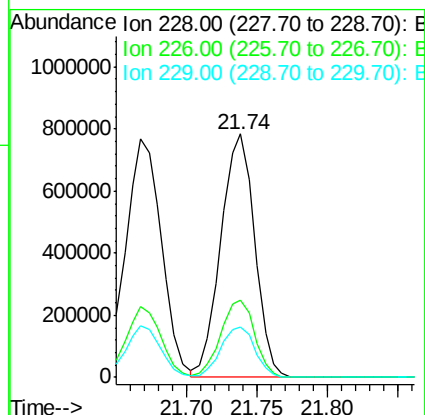
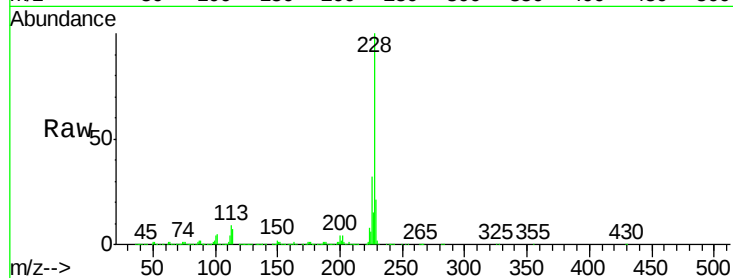
Tgt Ion:228 Resp: 1307415

Ion Ratio Lower Upper

228 100

226 31.8 25.9 38.9

229 20.6 17.4 26.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.63 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

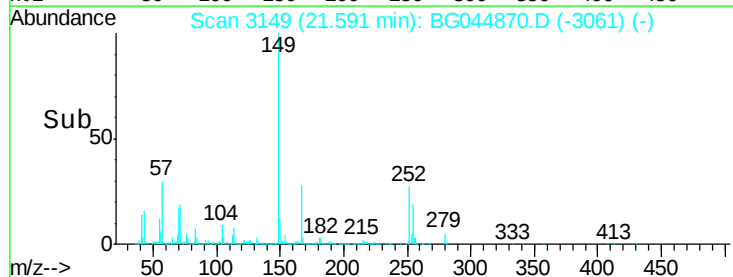
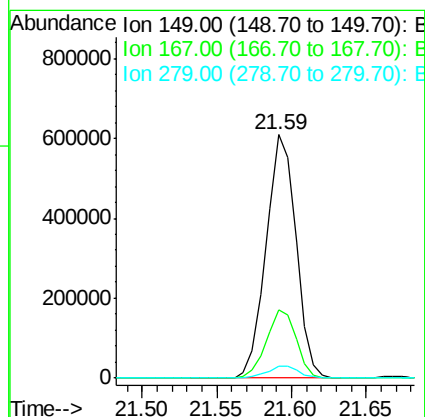
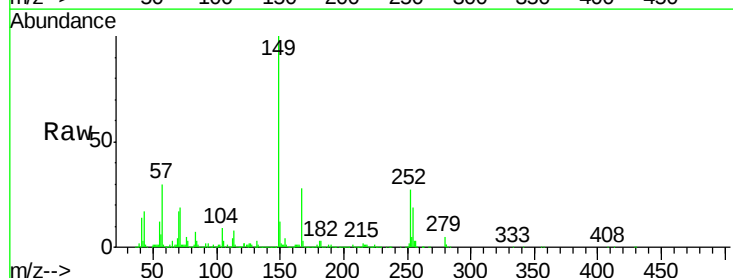
Tgt Ion:149 Resp: 841873

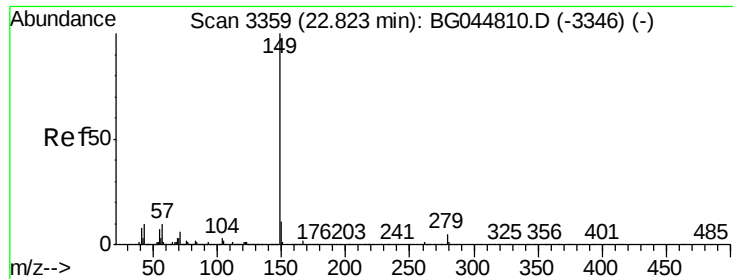
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.61 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

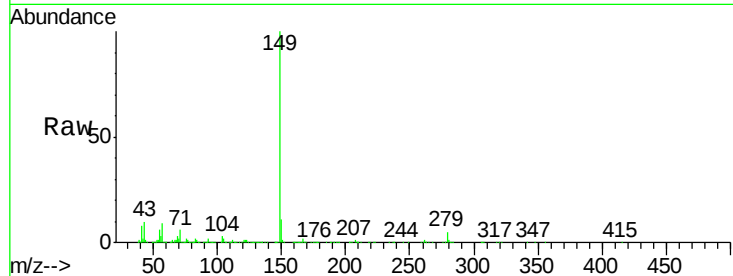
Tgt Ion:149 Resp: 1445350

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

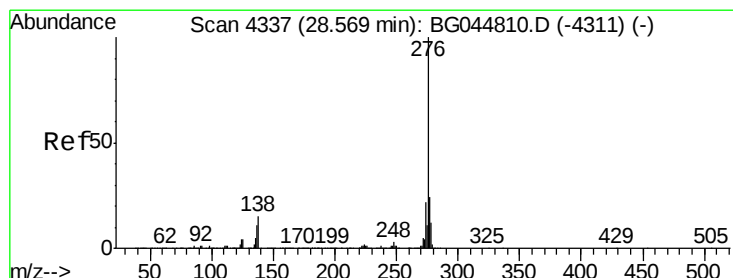
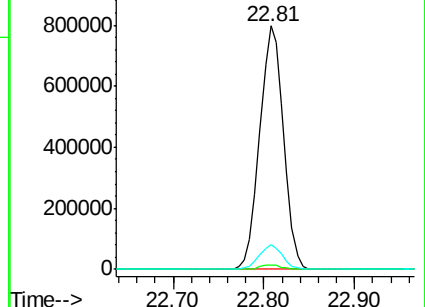
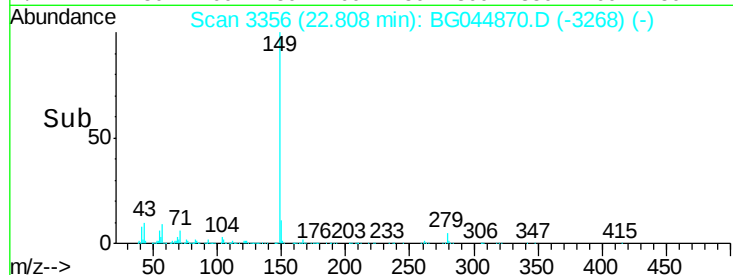
43 9.9 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.44 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

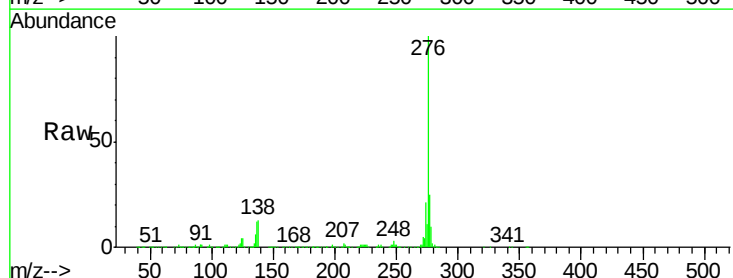
Tgt Ion:276 Resp: 1721255

Ion Ratio Lower Upper

276 100

138 7.9 7.4 11.0

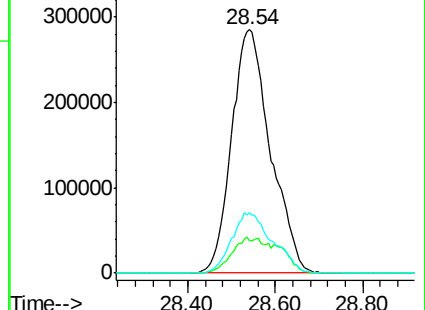
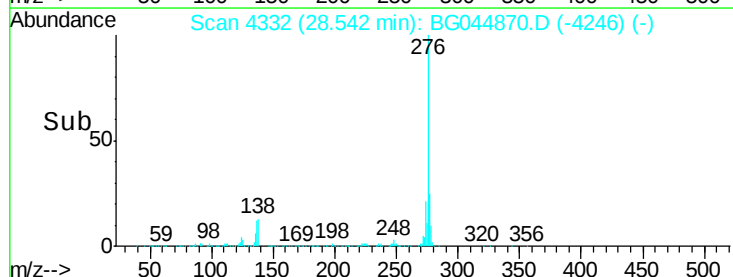
277 26.1 20.8 31.2

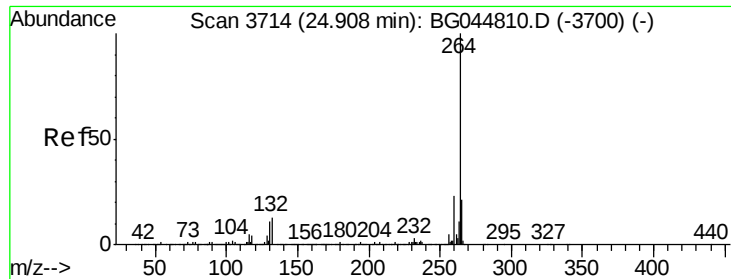


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



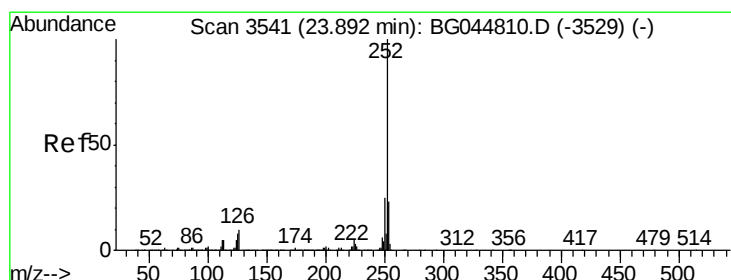
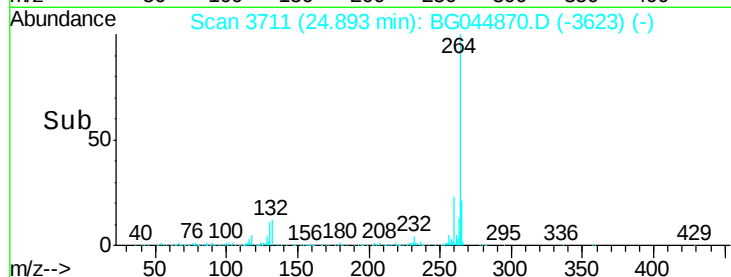
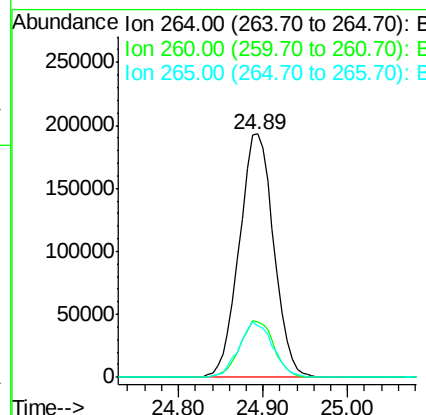
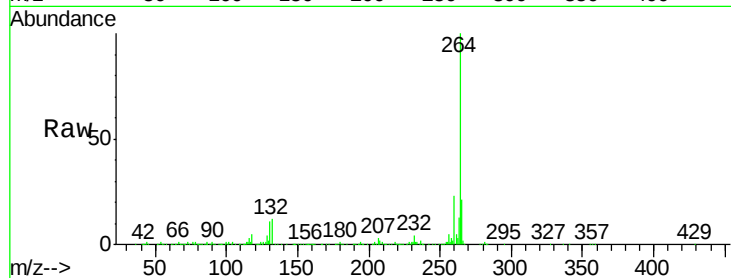


#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tgt Ion: 264 Resp: 544533

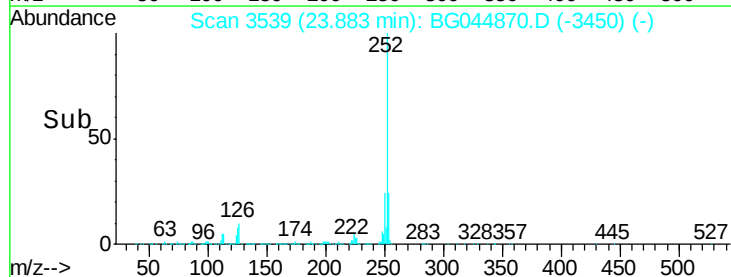
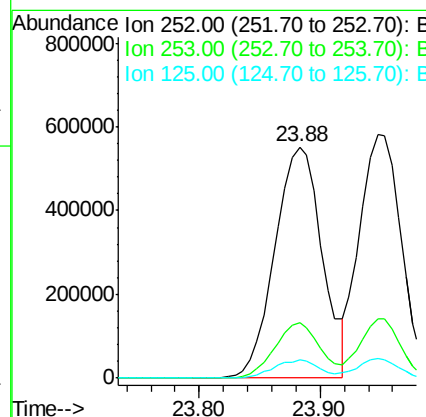
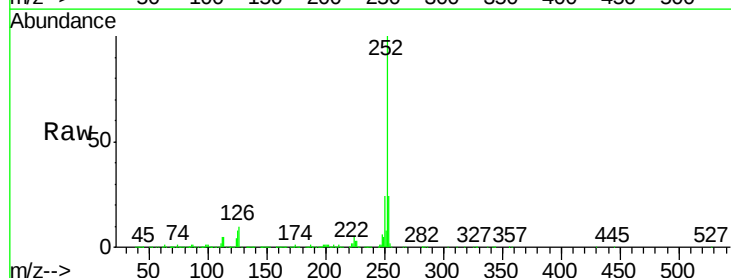
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.1	27.1
265	21.0	17.1	25.7

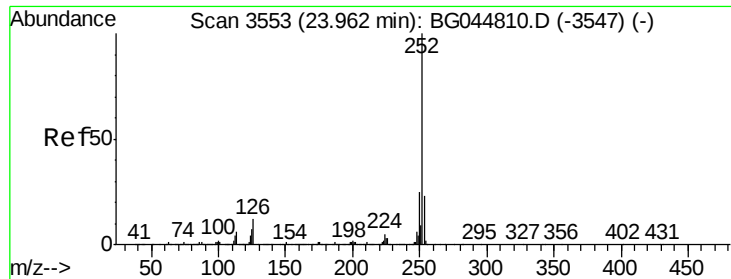


#88
Benzo(b)fluoranthene
Concen: 41.52 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion: 252 Resp: 1492755

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	7.9	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 40.71 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

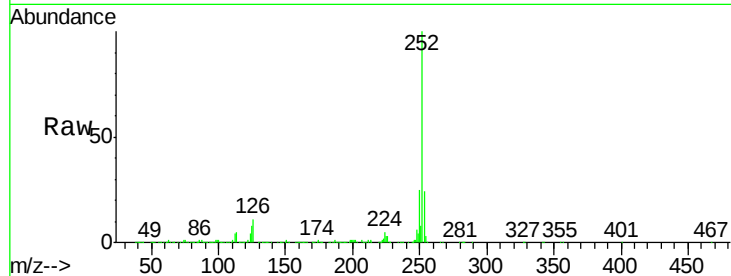
Tgt Ion:252 Resp: 1385101

Ion Ratio Lower Upper

252 100

253 24.3 18.5 27.7

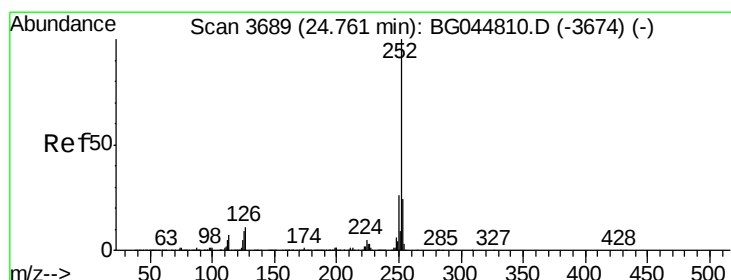
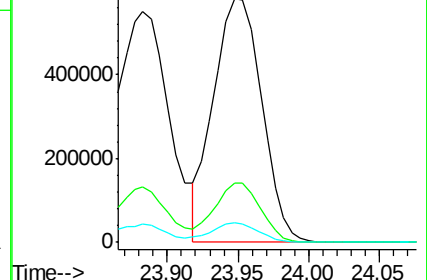
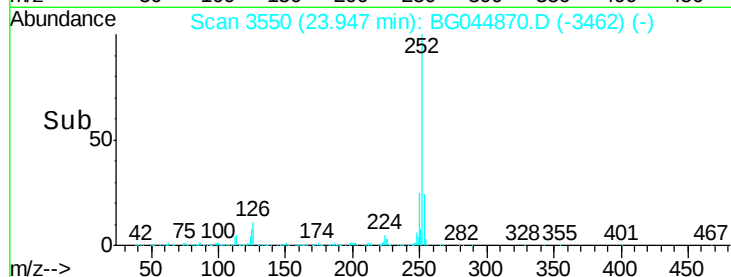
125 7.8 6.2 9.2



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: 39.93 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

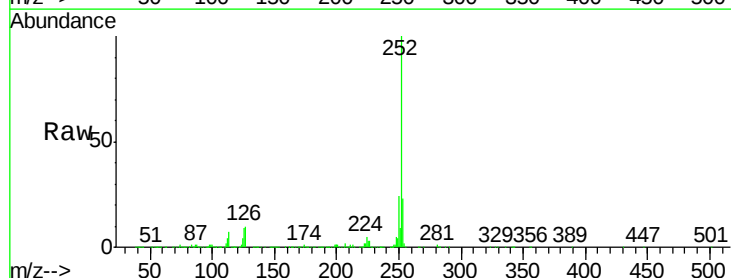
Tgt Ion:252 Resp: 1343103

Ion Ratio Lower Upper

252 100

253 23.1 19.4 29.0

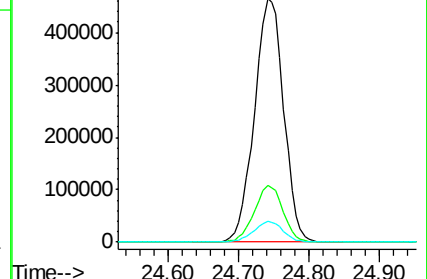
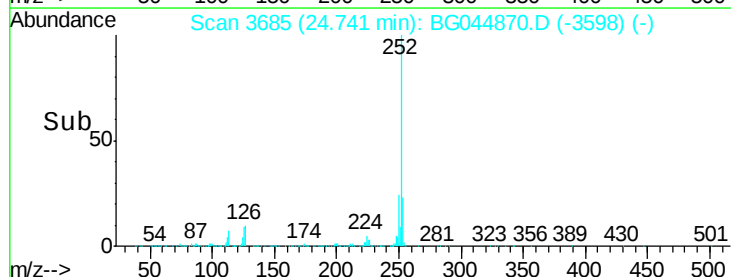
125 8.7 7.2 10.8

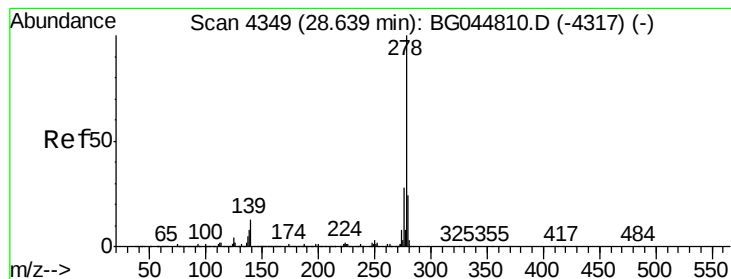


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.11 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.03 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

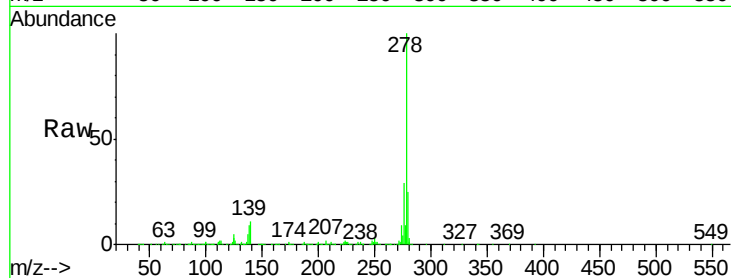
Tgt Ion:278 Resp: 1397412

Ion Ratio Lower Upper

278 100

139 11.5 10.2 15.2

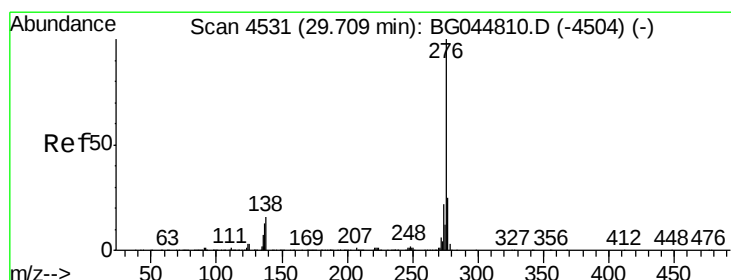
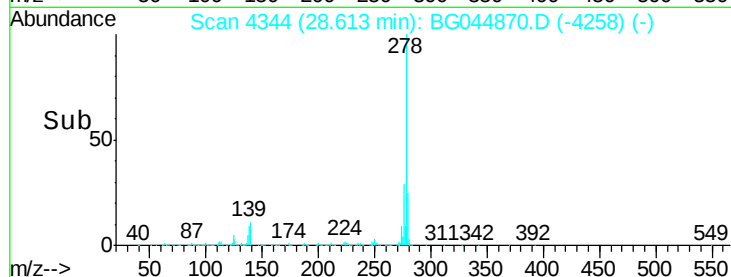
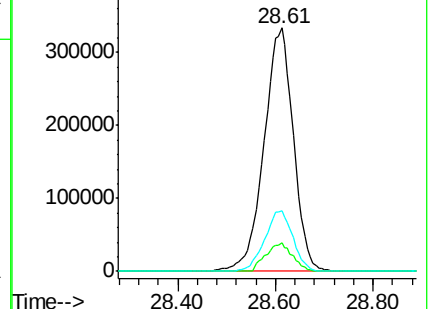
279 24.7 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.48 ng

RT: 29.68 min Scan# 4526

Delta R.T. -0.03 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

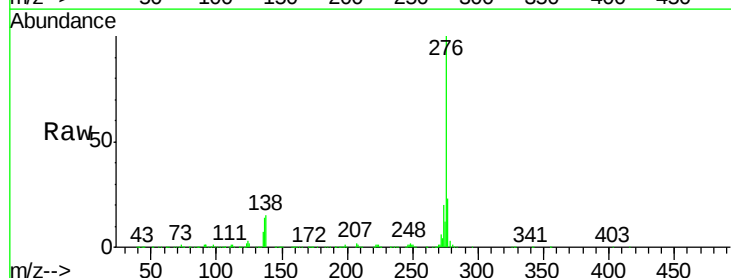
Tgt Ion:276 Resp: 1424386

Ion Ratio Lower Upper

276 100

277 23.1 20.1 30.1

138 14.7 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

