

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
 Data File : BG044869.D
 Acq On : 18 Mar 2020 18:32
 Operator : CG/JU
 Sample : PB127635BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Quant Time: Mar 19 01:41:46 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	91396	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	349026	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	240211	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	553375	20.00	ng	0.00
76) Chrysene-d12	21.69	240	491273	20.00	ng	-0.01
87) Perylene-d12	24.90	264	544247	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	656942	111.89	ng	0.00
7) Phenol-d6	7.21	99	918723	107.70	ng	0.00
23) Nitrobenzene-d5	9.20	82	515306	64.79	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	382670	121.67	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1096331	65.36	ng	0.00
79) Terphenyl-d14	20.03	244	1735422	66.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	95688	33.84	ng	96
3) Pyridine	3.90	79	231145	27.62	ng	98
4) n-Nitrosodimethylamine	3.82	42	117244	36.92	ng	# 96
6) Aniline	7.37	93	315656	29.74	ng	96
8) 2-Chlorophenol	7.61	128	244451	41.71	ng	96
9) Benzaldehyde	7.18	77	109318	17.46	ng	98
10) Phenol	7.23	94	343995	40.73	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	247766	36.76	ng	100
12) 1,3-Dichlorobenzene	7.93	146	266667	36.94	ng	98
13) 1,4-Dichlorobenzene	8.08	146	267468	37.47	ng	98
14) 1,2-Dichlorobenzene	8.40	146	252204	37.26	ng	98
15) Benzyl Alcohol	8.28	79	260841	38.11	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	364551	30.65	ng	98
17) 2-Methylphenol	8.48	107	235604	41.18	ng	97
18) Hexachloroethane	9.13	117	107809	38.36	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	208862	34.68	ng	98
20) 3+4-Methylphenols	8.81	107	321496	40.77	ng	97
22) Acetophenone	8.86	105	376613	38.09	ng	97
24) Nitrobenzene	9.25	77	321154	38.91	ng	99
25) Isophorone	9.77	82	581559	37.46	ng	99
26) 2-Nitrophenol	9.96	139	138861	48.41	ng	96
27) 2,4-Dimethylphenol	10.01	122	238128	47.10	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	335962	36.26	ng	100
29) 2,4-Dichlorophenol	10.50	162	258429	43.77	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	271646	38.48	ng	94
31) Naphthalene	10.90	128	751024	38.84	ng	98
32) Benzoic acid	10.16	122	148887	39.86	ng	95
33) 4-Chloroaniline	11.00	127	194418	22.32	ng	99
34) Hexachlorobutadiene	11.20	225	177492	38.23	ng	94
35) Caprolactam	11.77	113	42968	19.22	ng	# 84
36) 4-Chloro-3-methylphenol	12.12	107	288958	41.03	ng	98
37) 2-Methylnaphthalene	12.51	142	562477	38.89	ng	98
38) 1-Methylnaphthalene	12.51	142	562477	41.37	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	302017	38.18	ng	98

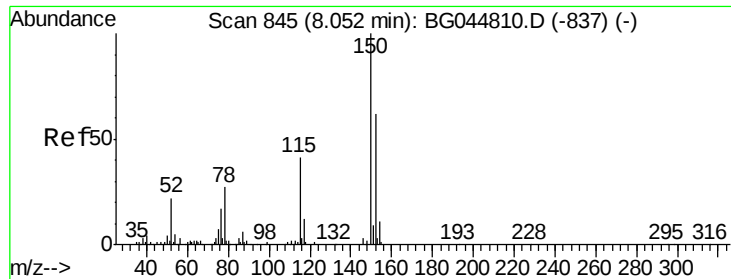
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	412829	95.49	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	225048	42.87	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	231955	42.60	ng	97
46) 1,1'-Biphenyl	13.51	154	704518	36.70	ng	99
47) 2-Chloronaphthalene	13.55	162	539080	36.76	ng	97
48) 2-Nitroaniline	13.75	65	201350	39.22	ng	98
49) Acenaphthylene	14.40	152	896430	39.02	ng	98
50) Dimethylphthalate	14.13	163	724508	37.87	ng	98
51) 2,6-Dinitrotoluene	14.24	165	168914	43.80	ng	97
52) Acenaphthene	14.74	154	659090	43.81	ng	99
53) 3-Nitroaniline	14.57	138	126937	28.63	ng	90
54) 2,4-Dinitrophenol	14.77	184	201692	98.00	ng	93
55) Dibenzofuran	15.07	168	859702	39.40	ng	98
56) 4-Nitrophenol	14.88	139	301921	89.23	ng	94
57) 2,4-Dinitrotoluene	15.03	165	236388	44.70	ng	# 98
58) Fluorene	15.73	166	693417	38.64	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	223594	44.61	ng	93
60) Diethylphthalate	15.50	149	746551	37.41	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	382808	39.61	ng	100
62) 4-Nitroaniline	15.73	138	172659	36.52	ng	98
63) Azobenzene	16.01	77	741119	35.77	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	139556	52.69	ng	97
66) n-Nitrosodiphenylamine	15.93	169	633772	38.04	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	262392	37.93	ng	98
68) Hexachlorobenzene	16.74	284	286270	38.14	ng	98
69) Atrazine	16.88	200	270078	44.25	ng	98
70) Pentachlorophenol	17.07	266	360505	87.30	ng	99
71) Phenanthrene	17.46	178	1122087	37.94	ng	99
72) Anthracene	17.55	178	1140162	39.10	ng	99
73) Carbazole	17.82	167	1069501	38.18	ng	98
74) Di-n-butylphthalate	18.39	149	1284103	37.71	ng	99
75) Fluoranthene	19.47	202	1406971	39.96	ng	100
77) Benzidine	19.64	184	564606	35.40	ng	98
78) Pyrene	19.83	202	1408935	39.09	ng	100
80) Butylbenzylphthalate	20.72	149	606627	37.83	ng	99
81) Benzo(a)anthracene	21.67	228	1383991	39.12	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	453628	33.15	ng	98
83) Chrysene	21.74	228	1310138	38.77	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	837914	37.86	ng	99
85) Di-n-octyl phthalate	22.81	149	1432241	38.68	ng	99
86) Indeno(1,2,3-cd)pyrene	28.53	276	1727604	39.00	ng	# 98
88) Benzo(b)fluoranthene	23.88	252	1483134	41.28	ng	99
89) Benzo(k)fluoranthene	23.95	252	1393781	40.99	ng	98
90) Benzo(a)pyrene	24.75	252	1340874	39.88	ng	96
91) Dibenzo(a,h)anthracene	28.61	278	1401579	42.26	ng	98
92) Benzo(g,h,i)perylene	29.68	276	1441532	43.02	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

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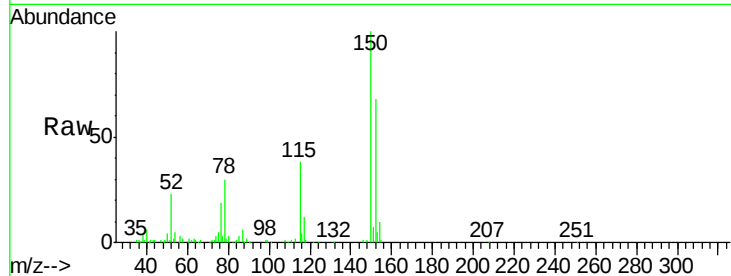
Tgt Ion:152 Resp: 91396

Ion Ratio Lower Upper

152 100

150 147.3 128.8 193.2

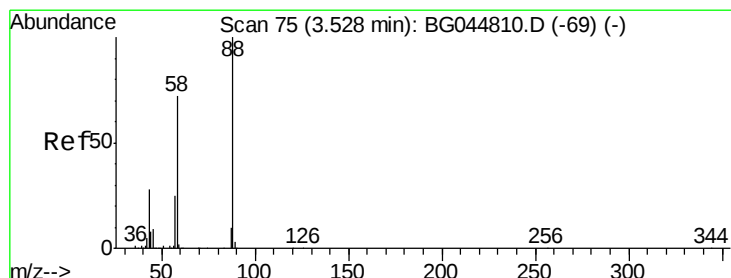
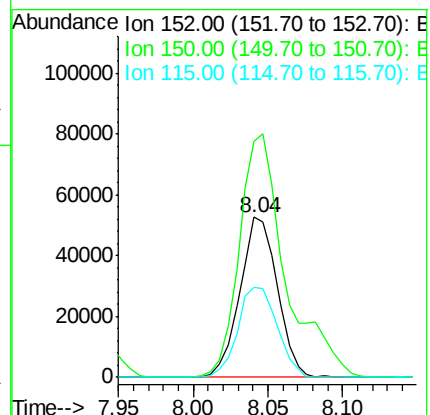
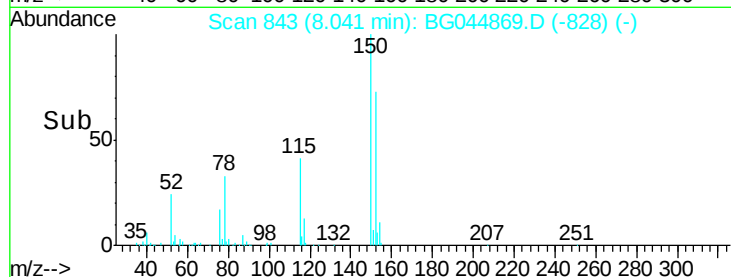
115 56.6 52.6 79.0



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: 33.84 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.02 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

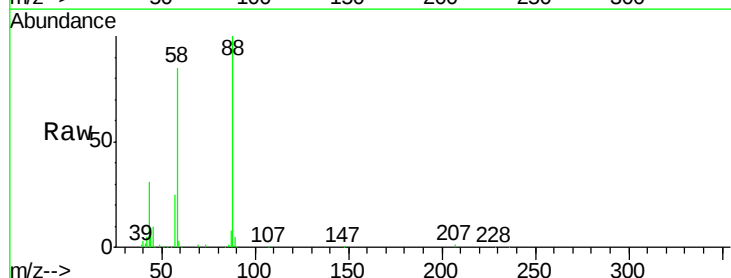
Tgt Ion: 88 Resp: 95688

Ion Ratio Lower Upper

88 100

58 82.0 63.0 94.4

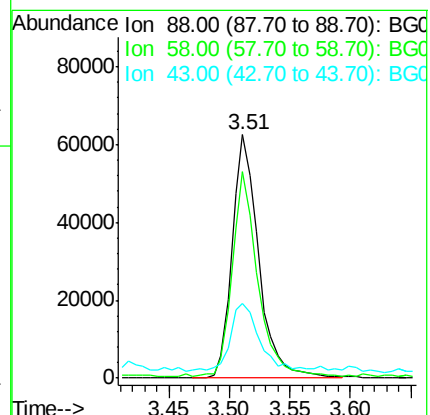
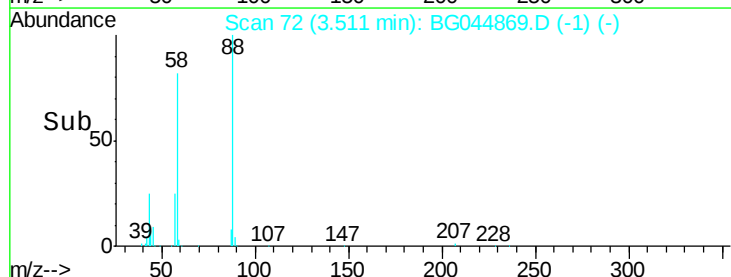
43 27.8 24.8 37.2

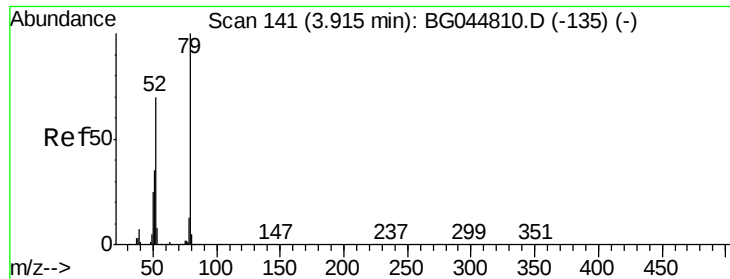


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.62 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

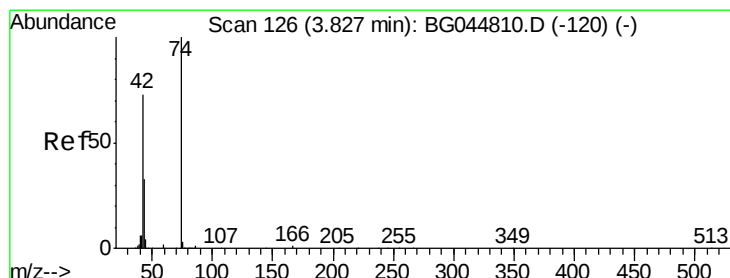
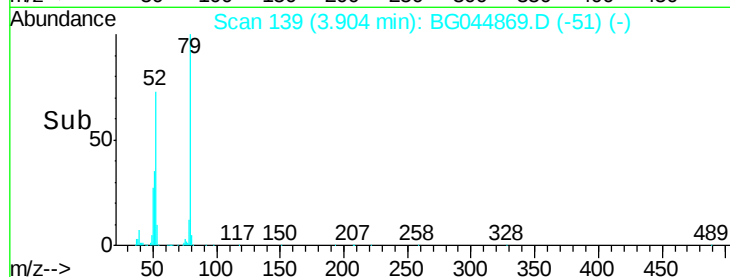
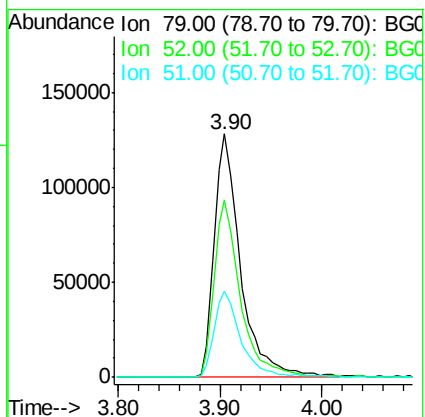
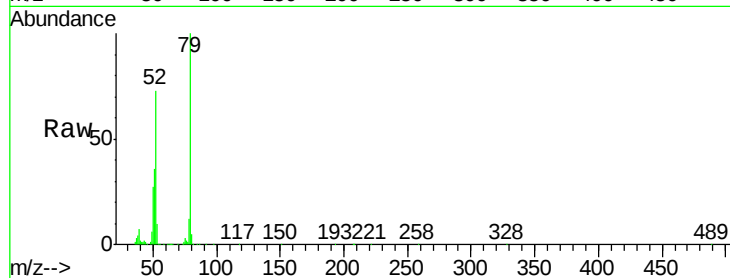
Tgt Ion: 79 Resp: 231145

Ion Ratio Lower Upper

79 100

52 72.5 56.3 84.5

51 35.6 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 36.92 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

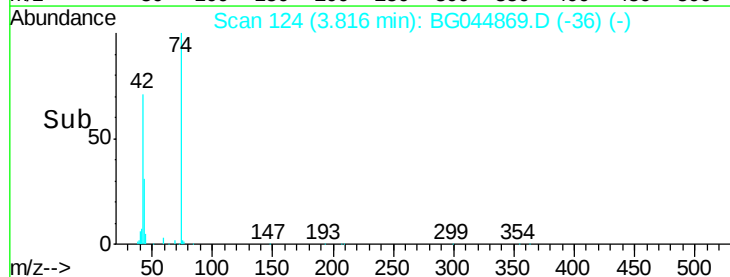
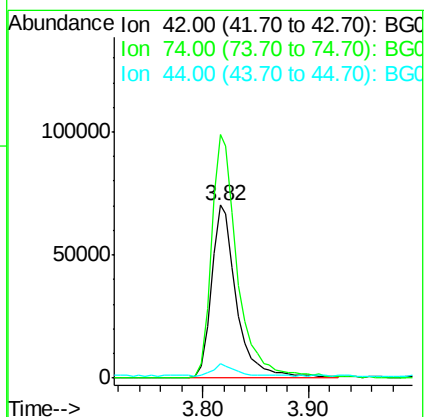
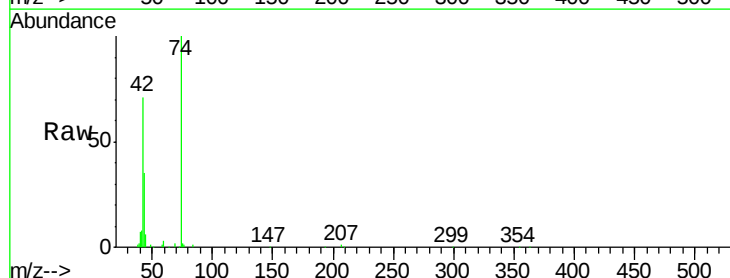
Tgt Ion: 42 Resp: 117244

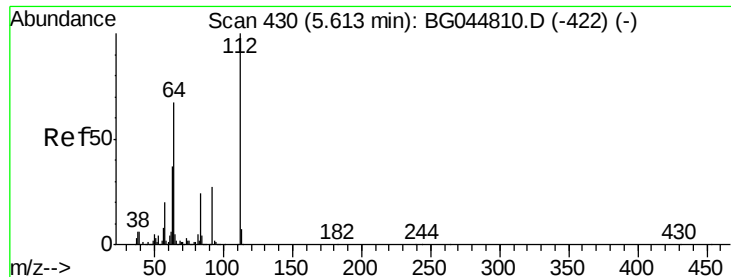
Ion Ratio Lower Upper

42 100

74 141.0 109.1 163.7

44 8.5 5.4 8.2#





#5

2-Fluorophenol

Concen: 111.89 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

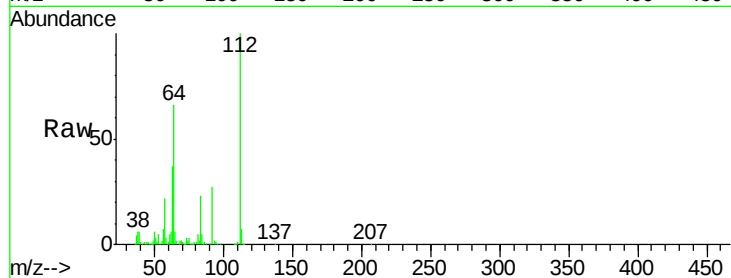
Tgt Ion: 112 Resp: 656942

Ion Ratio Lower Upper

112 100

64 66.4 53.4 80.2

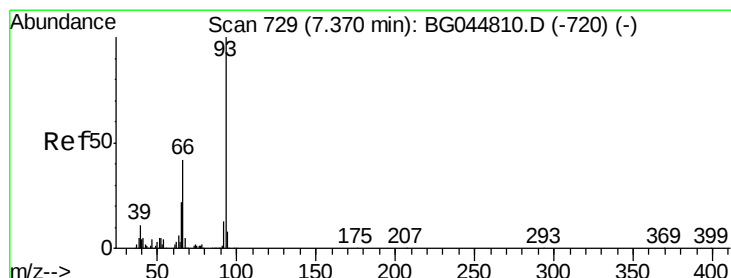
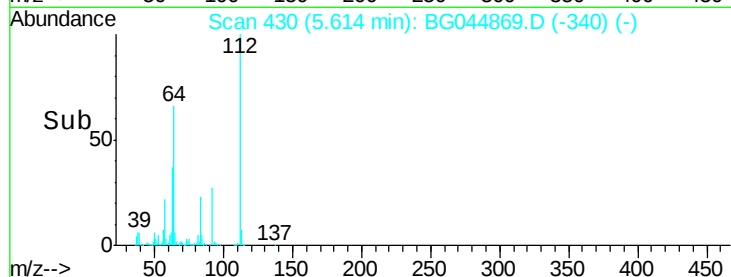
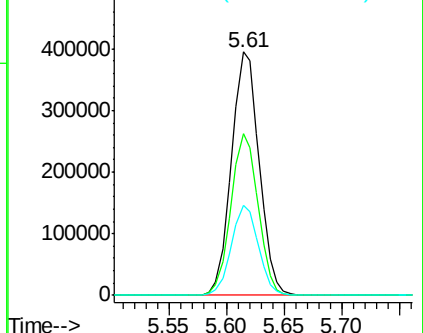
63 36.9 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.74 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

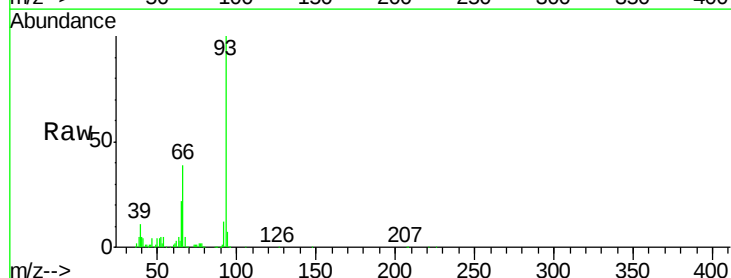
Tgt Ion: 93 Resp: 315656

Ion Ratio Lower Upper

93 100

66 38.8 33.7 50.5

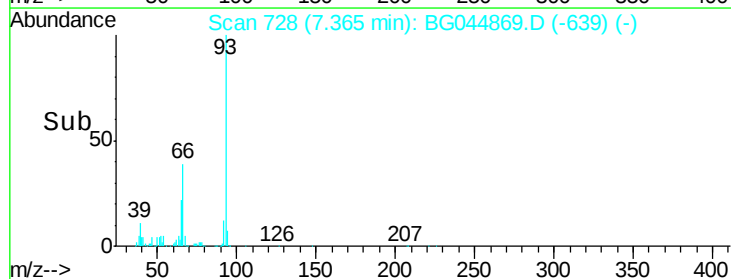
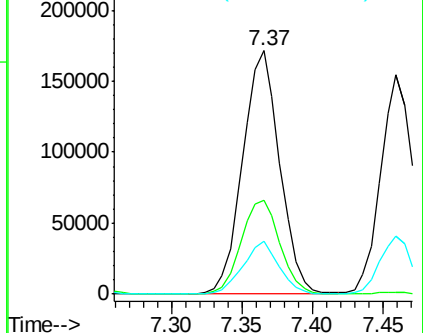
65 21.8 17.7 26.5

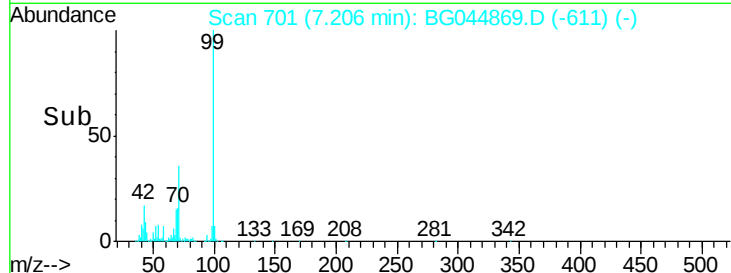
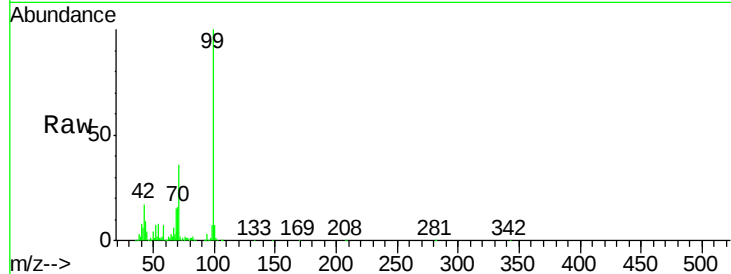
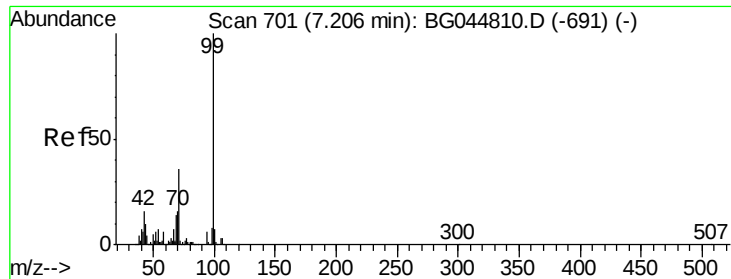


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.70 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

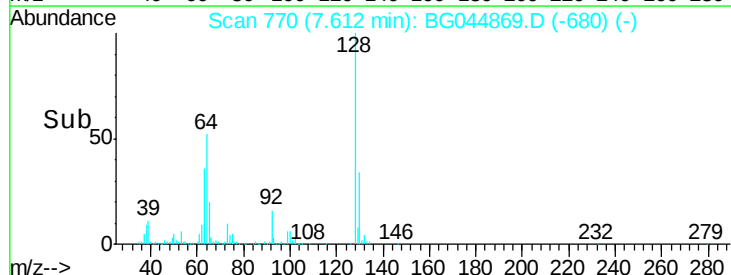
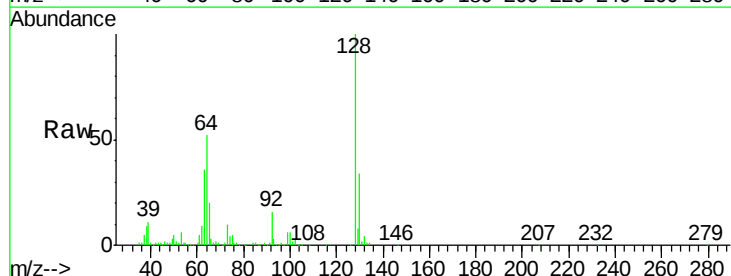
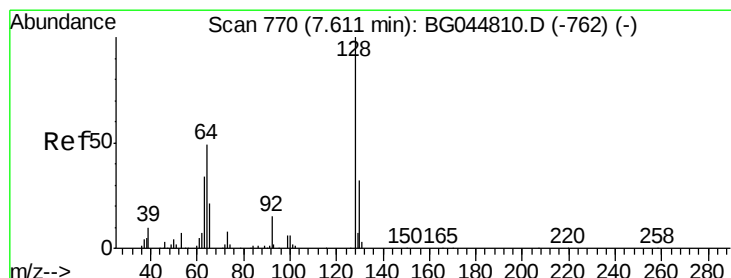
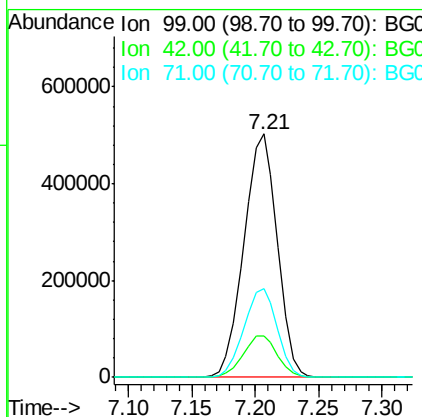
Tgt Ion: 99 Resp: 918723

Ion Ratio Lower Upper

99 100

42 16.8 12.6 19.0

71 36.4 29.0 43.4



#8

2-Chlorophenol

Concen: 41.71 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

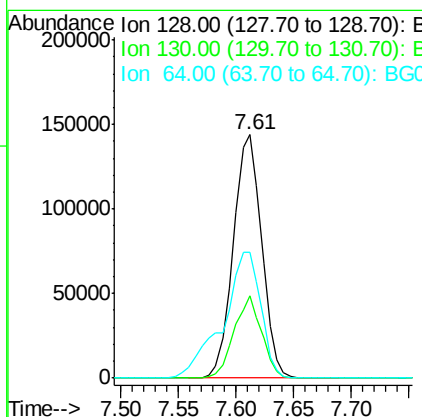
Tgt Ion: 128 Resp: 244451

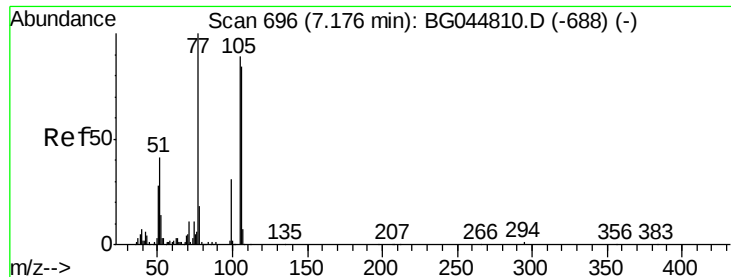
Ion Ratio Lower Upper

128 100

130 33.8 11.6 51.6

64 51.6 34.5 74.5





#9

Benzaldehyde

Concen: 17.46 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

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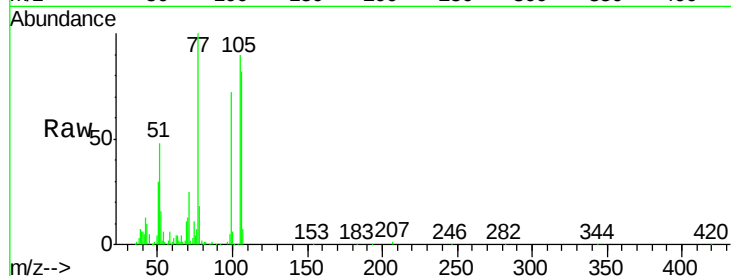
Tgt Ion: 77 Resp: 109318

Ion Ratio Lower Upper

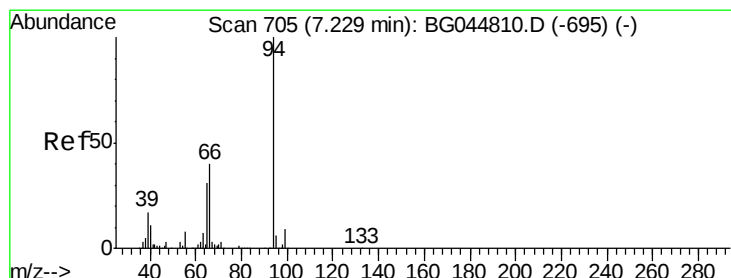
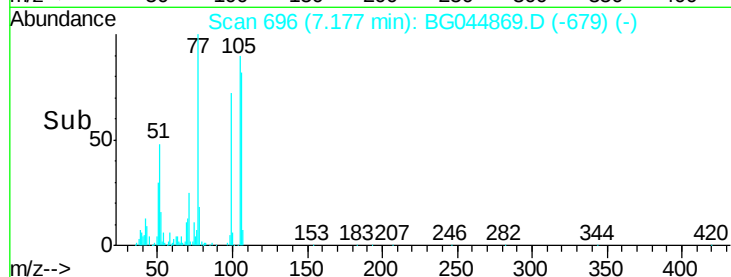
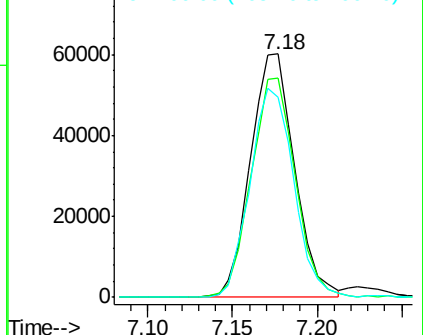
77 100

105 90.2 69.3 109.3

106 82.3 64.5 104.5



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



#10

Phenol

Concen: 40.73 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

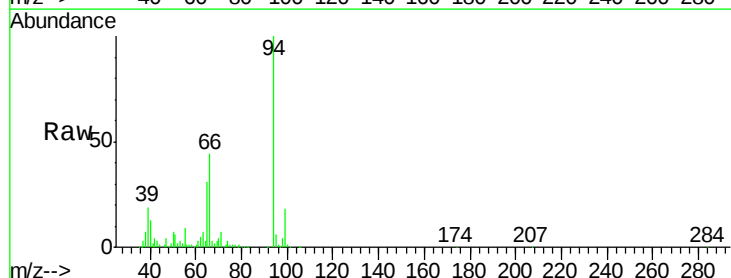
Tgt Ion: 94 Resp: 343995

Ion Ratio Lower Upper

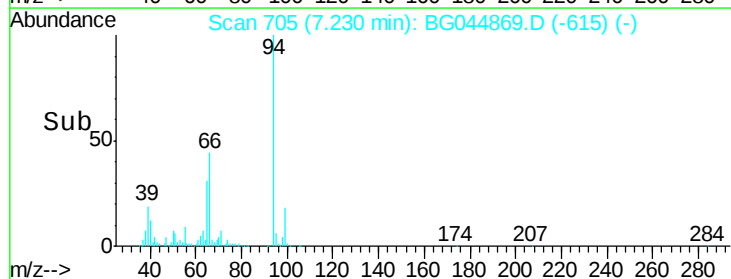
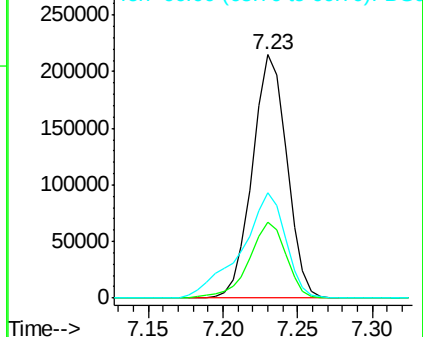
94 100

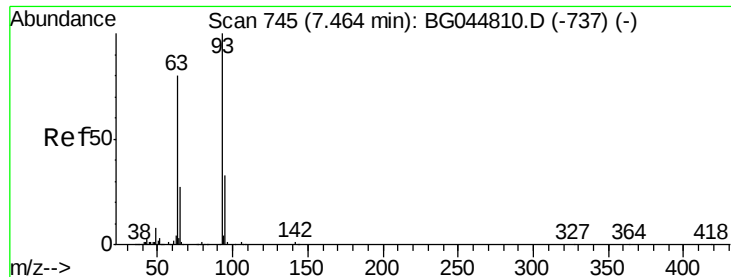
65 31.2 11.0 51.0

66 43.5 20.1 60.1



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

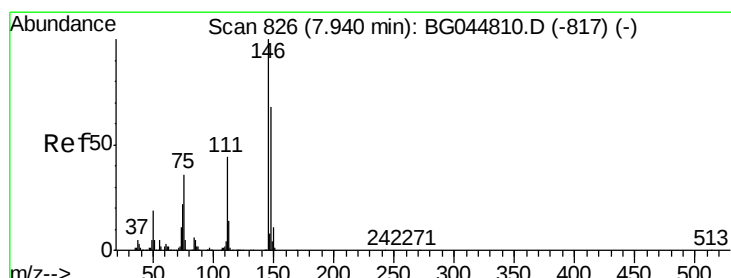
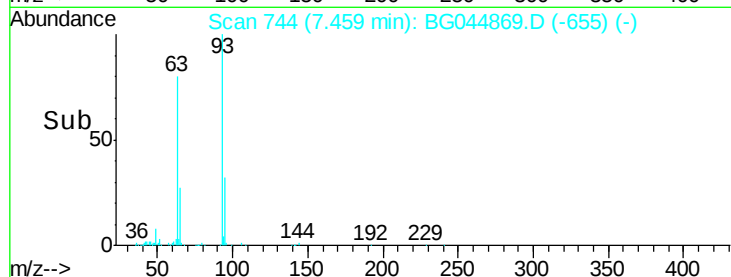
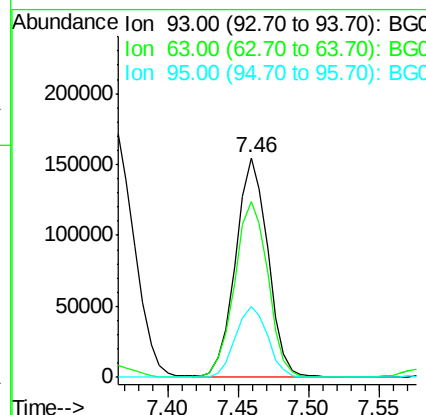
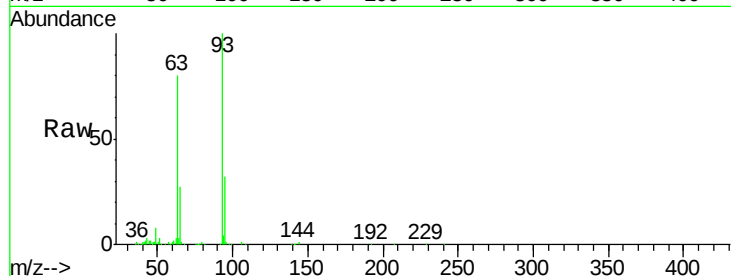




#11
bis(2-Chloroethyl)ether
Concen: 36.76 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

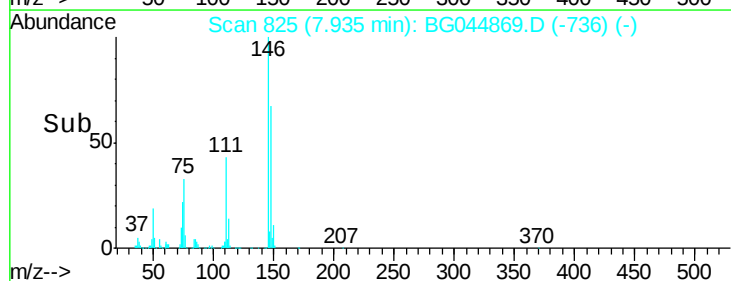
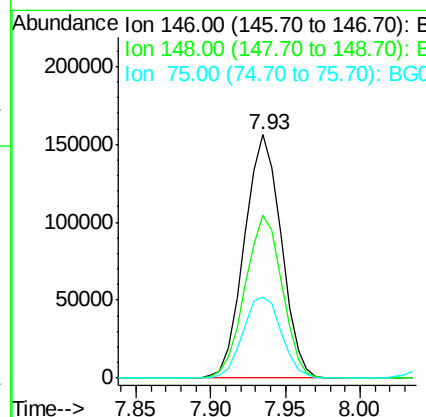
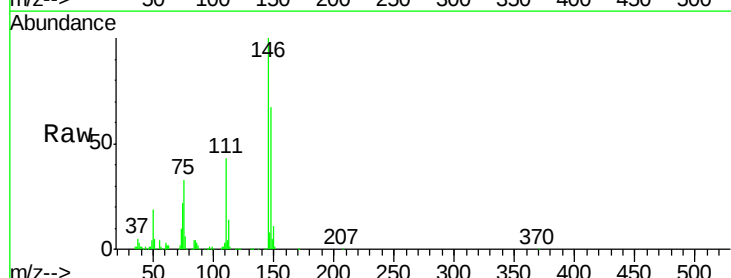
Instrument :
BNA_G
ClientSampleId :
PB127635BS

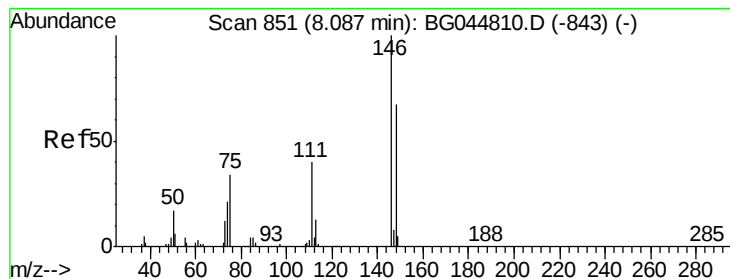
Tgt Ion: 93 Resp: 247766
Ion Ratio Lower Upper
93 100
63 79.7 59.7 99.7
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.94 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion: 146 Resp: 266667
Ion Ratio Lower Upper
146 100
148 67.1 54.2 81.4
75 33.3 28.6 42.8





#13

1,4-Dichlorobenzene

Concen: 37.47 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

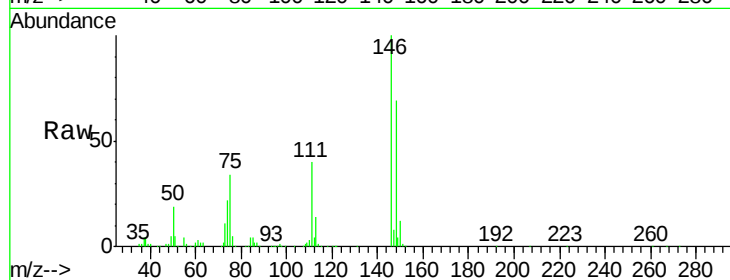
Tgt Ion:146 Resp: 267468

Ion Ratio Lower Upper

146 100

148 68.8 53.8 80.6

111 40.5 32.0 48.0

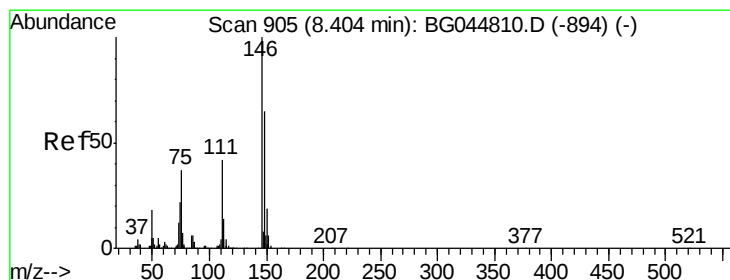
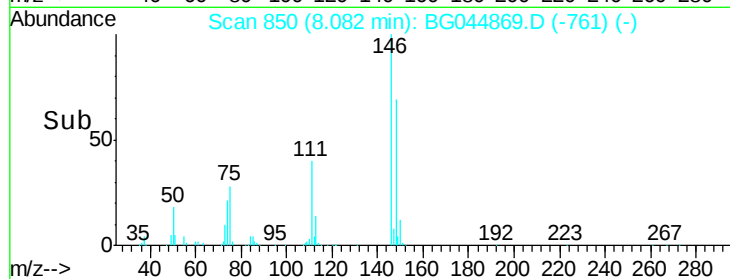
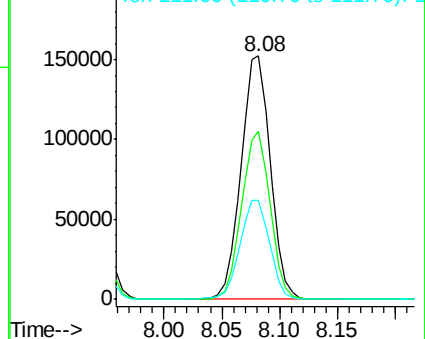


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.26 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

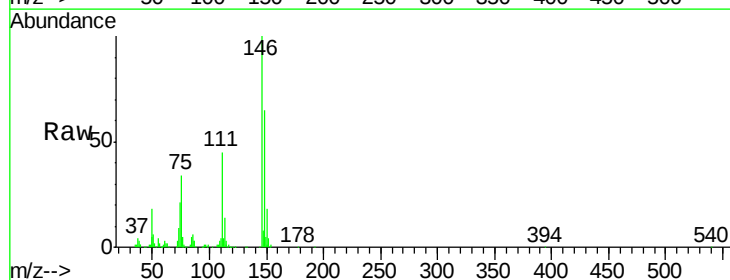
Tgt Ion:146 Resp: 252204

Ion Ratio Lower Upper

146 100

148 65.3 52.1 78.1

111 45.0 33.4 50.2

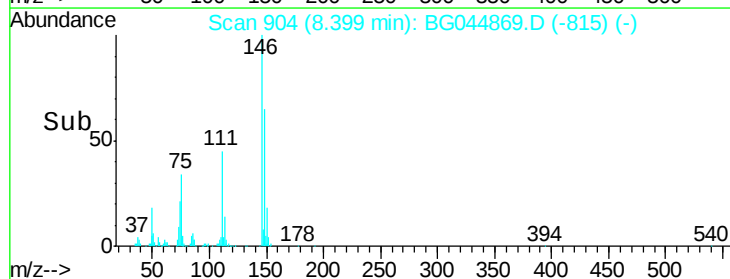
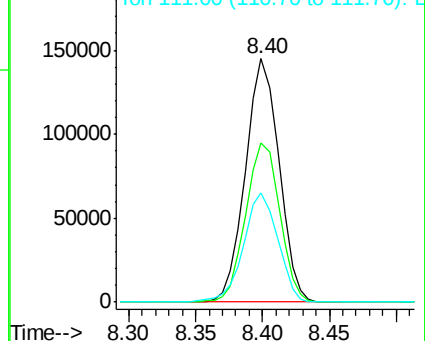


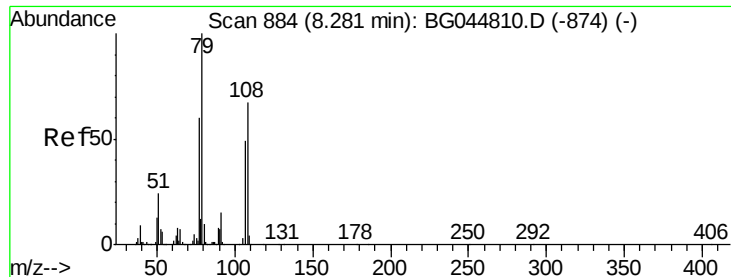
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.11 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

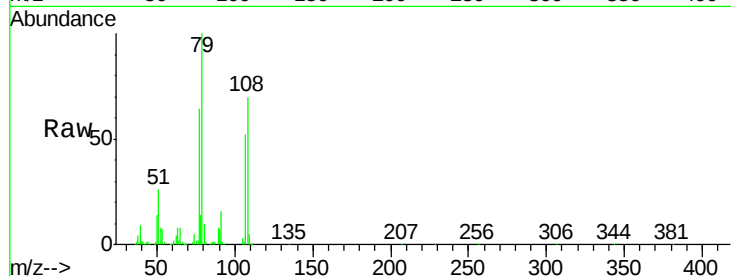
Tgt Ion: 79 Resp: 260841

Ion Ratio Lower Upper

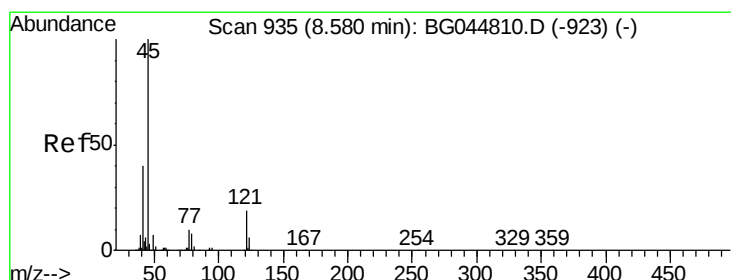
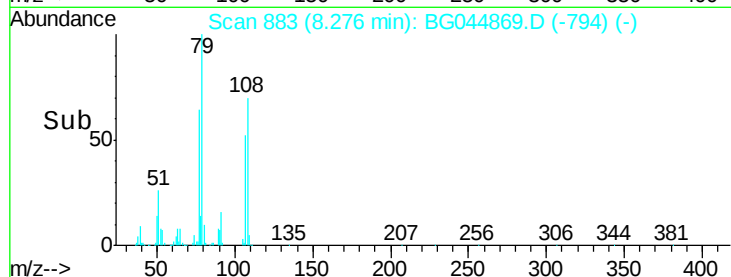
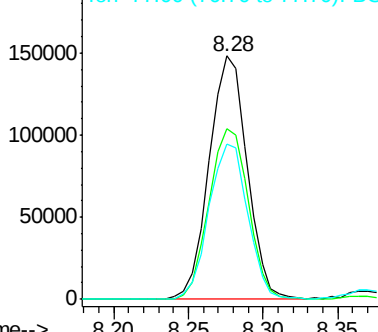
79 100

108 70.1 53.8 80.8

77 63.7 47.8 71.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.65 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

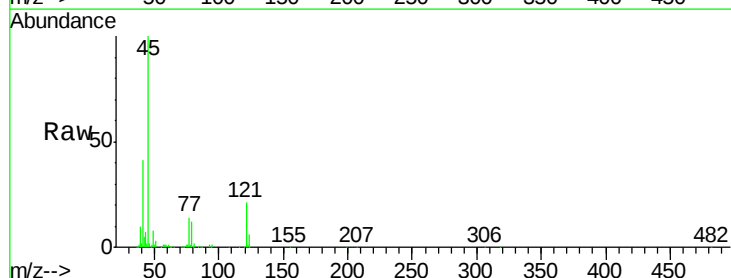
Tgt Ion: 45 Resp: 364551

Ion Ratio Lower Upper

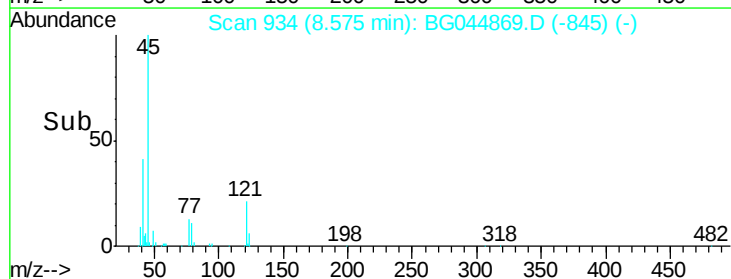
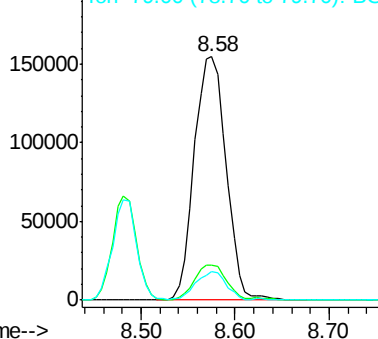
45 100

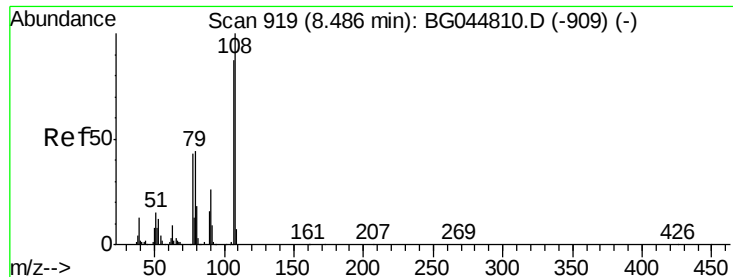
77 14.3 0.0 33.9

79 11.9 0.0 30.8



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





#17

2-Methylphenol

Concen: 41.18 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

Tgt Ion:107 Resp: 235604

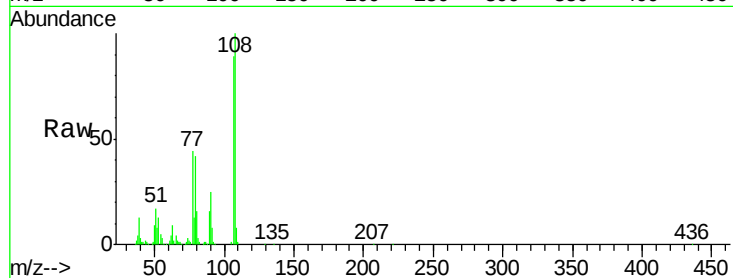
Ion Ratio Lower Upper

107 100

108 112.3 91.8 137.8

77 49.1 40.0 60.0

79 47.2 40.2 60.2

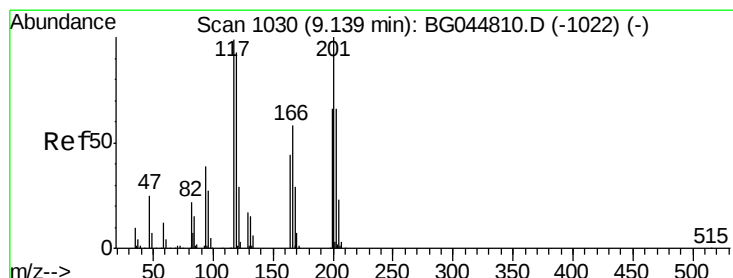
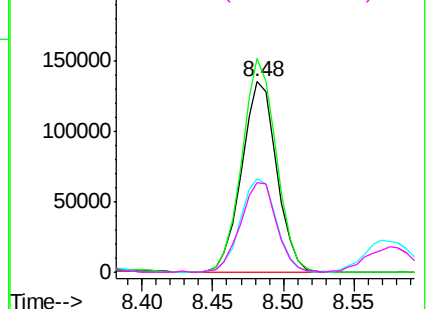
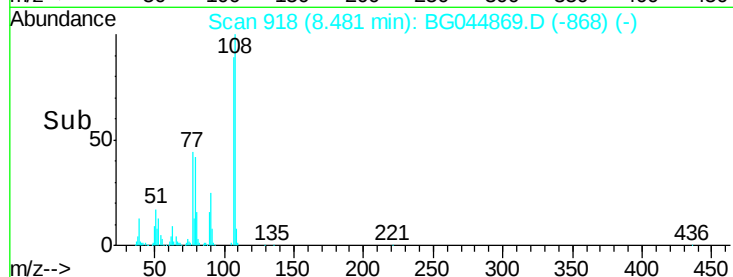


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.36 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

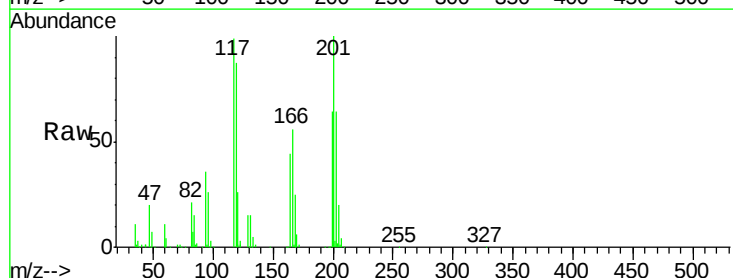
Tgt Ion:117 Resp: 107809

Ion Ratio Lower Upper

117 100

119 87.3 75.2 112.8

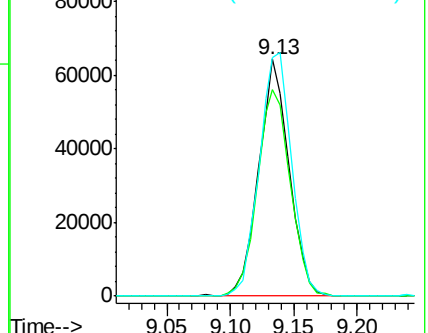
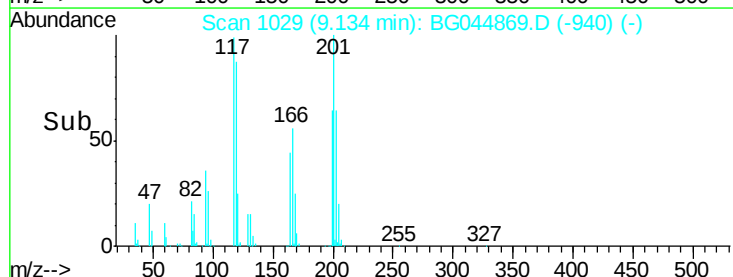
201 100.8 81.1 121.7

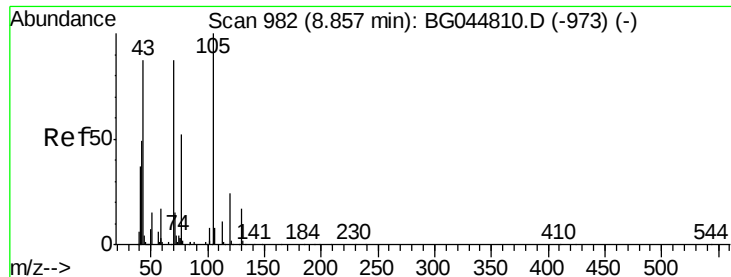


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

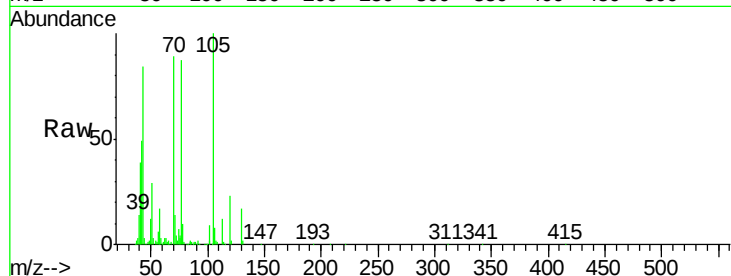




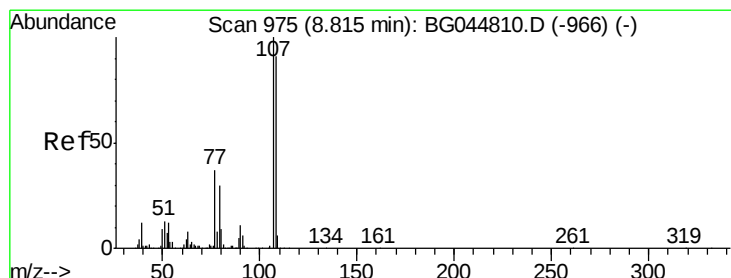
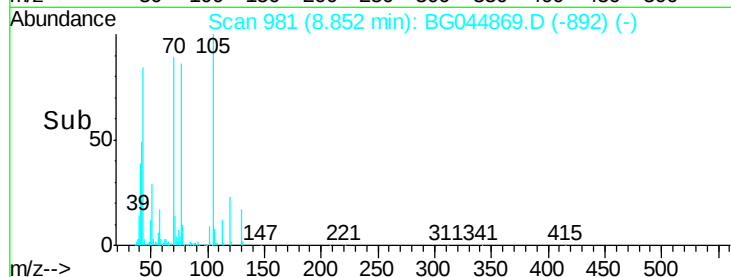
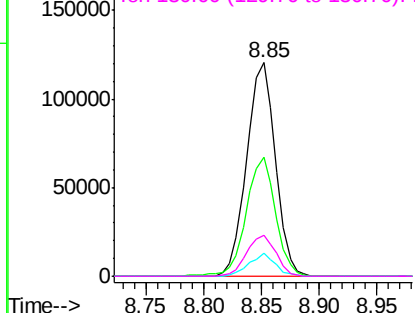
#19
n-Nitroso-di-n-propylamine
Concen: 34.68 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tgt Ion:	70	Resp:	208862
Ion	Ratio	Lower	Upper
70	100		
42	55.5	45.7	68.5
101	10.6	7.4	11.2
130	19.1	15.9	23.9

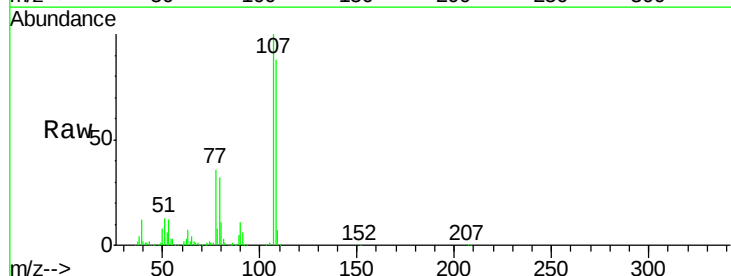


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

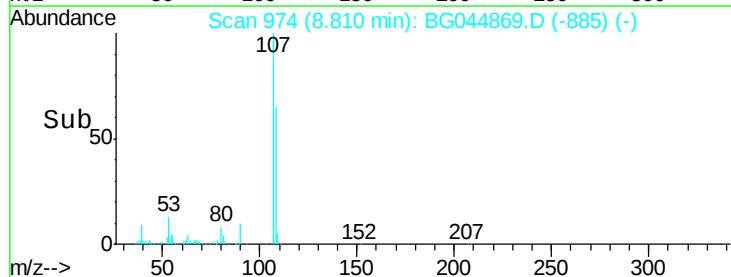
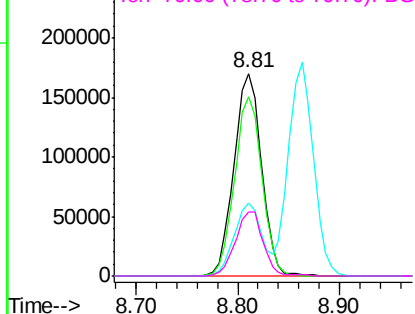


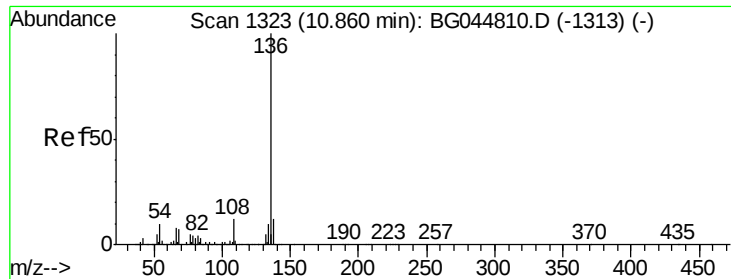
#20
3+4-Methylphenols
Concen: 40.77 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion:	107	Resp:	321496
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.3	111.3
77	36.3	16.9	56.9
79	31.6	9.7	49.7



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

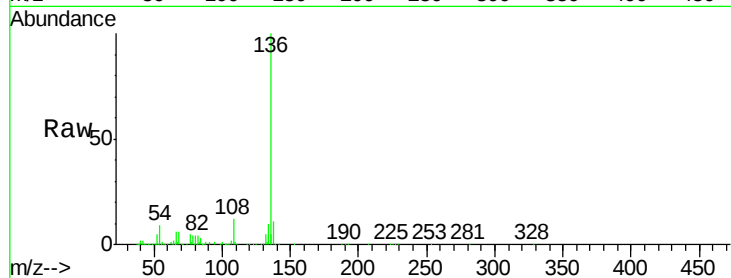




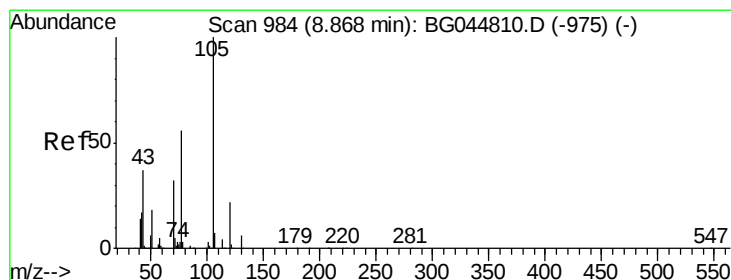
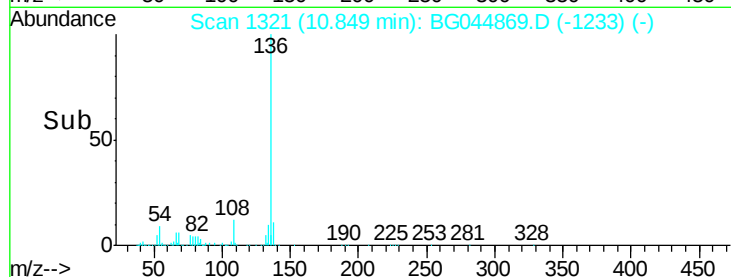
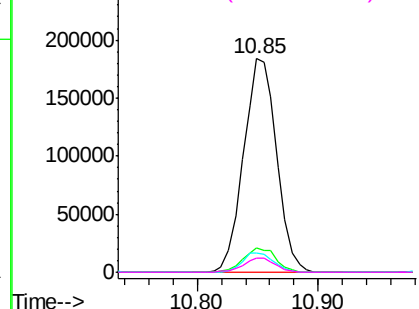
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tgt Ion:	136	Resp:	349026
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	8.8	7.9	11.9
68	6.4	5.4	8.0

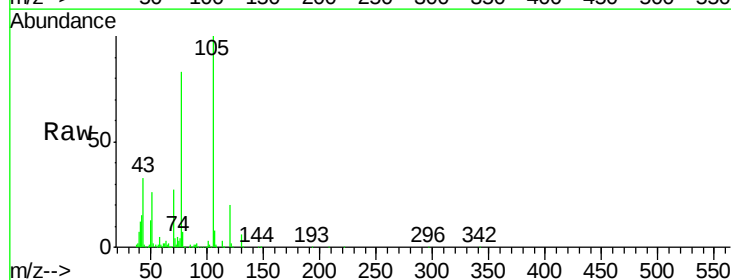


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

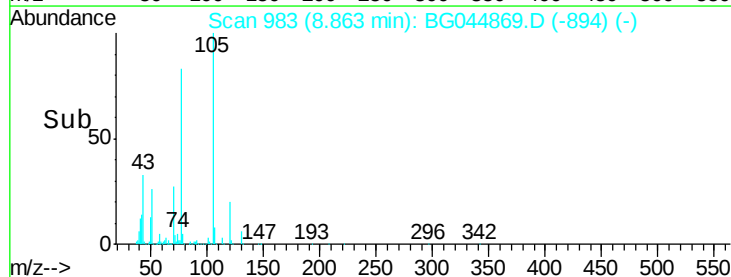
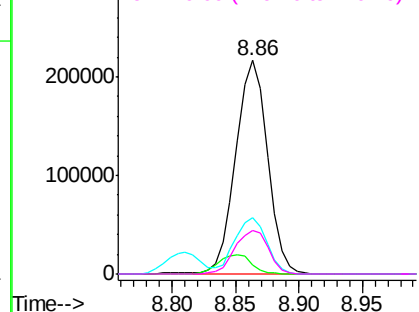


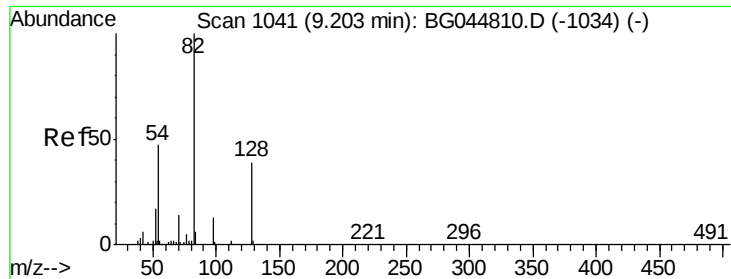
#22
Acetophenone
Concen: 38.09 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion:	105	Resp:	376613
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.9	5.9
51	26.2	22.6	33.8
120	20.3	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

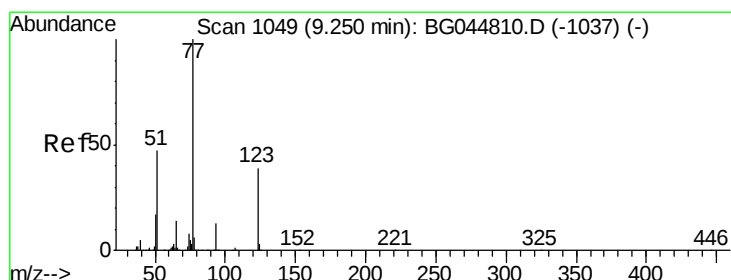
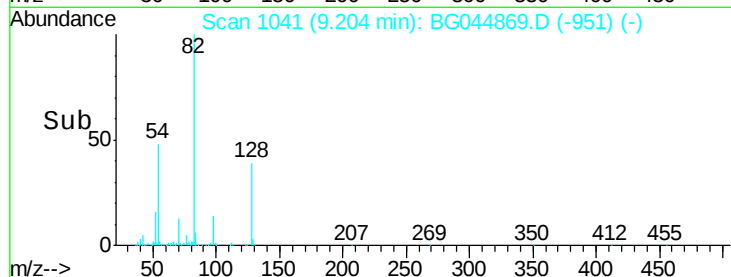
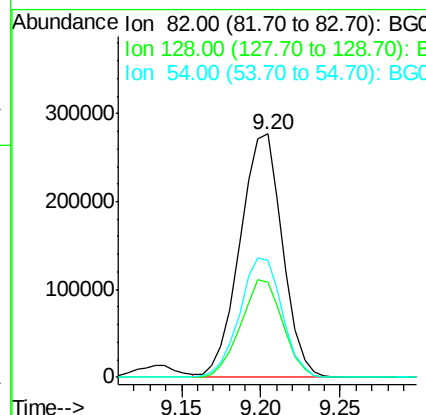
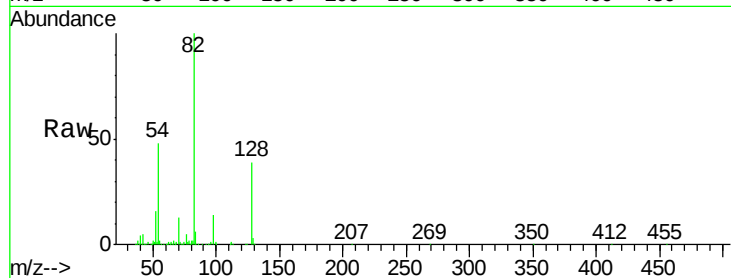




#23
 Nitrobenzene-d5
 Concen: 64.79 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

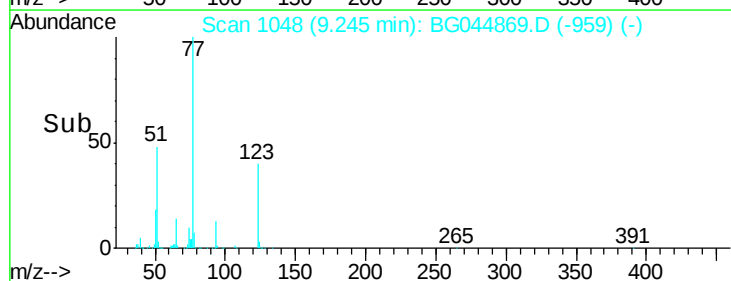
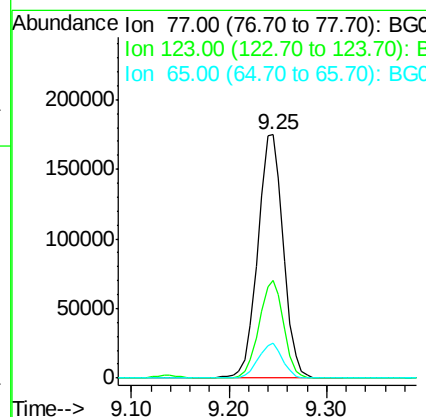
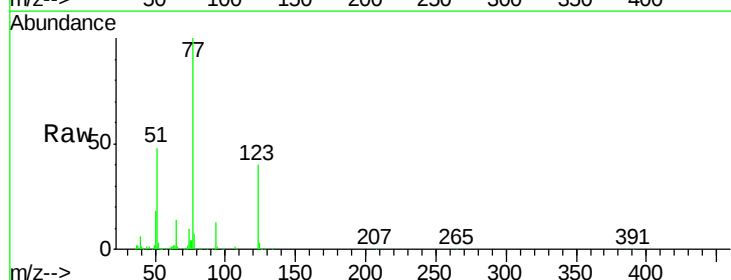
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

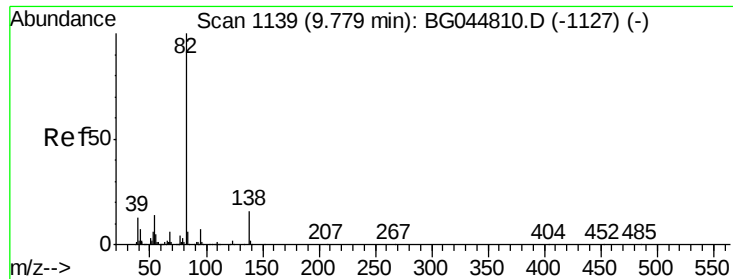
Tgt Ion: 82 Resp: 515306
 Ion Ratio Lower Upper
 82 100
 128 39.1 30.6 46.0
 54 48.2 37.1 55.7



#24
 Nitrobenzene
 Concen: 38.91 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion: 77 Resp: 321154
 Ion Ratio Lower Upper
 77 100
 123 40.0 31.3 46.9
 65 14.5 11.4 17.0





#25

Isophorone

Concen: 37.46 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

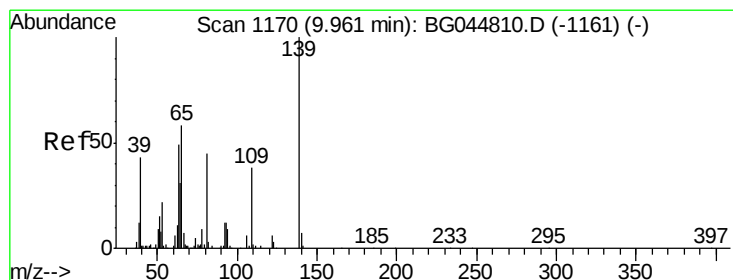
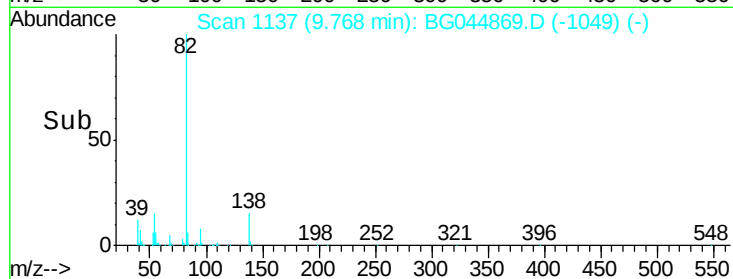
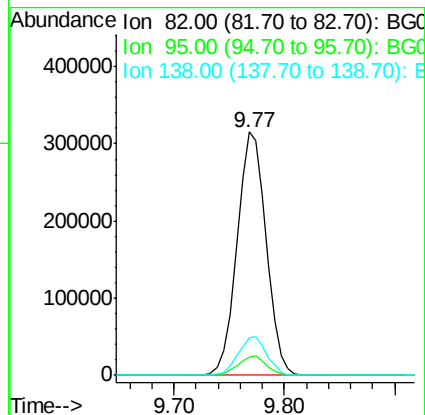
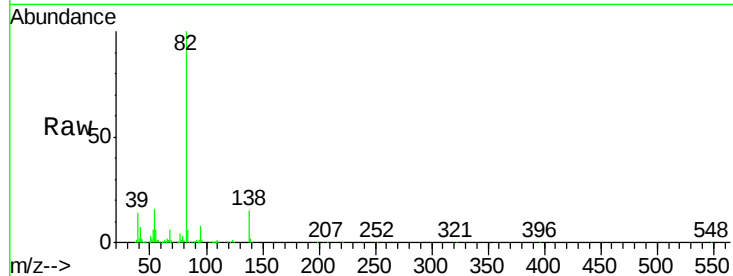
Tgt Ion: 82 Resp: 581559

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 15.4 12.5 18.7



#26

2-Nitrophenol

Concen: 48.41 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

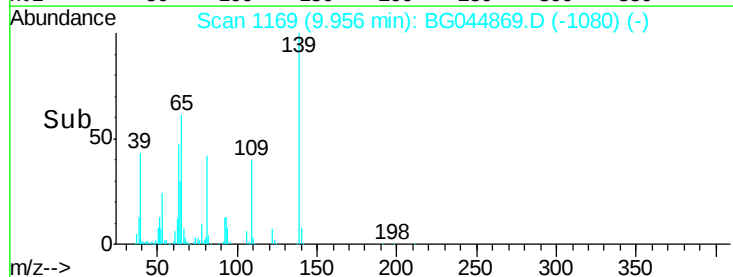
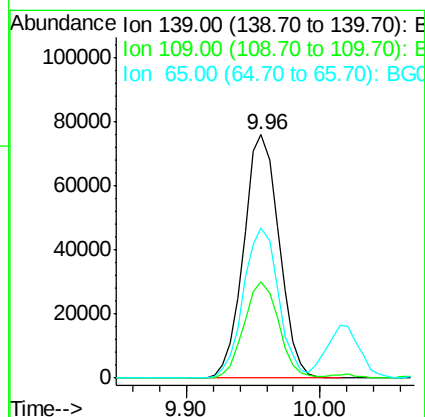
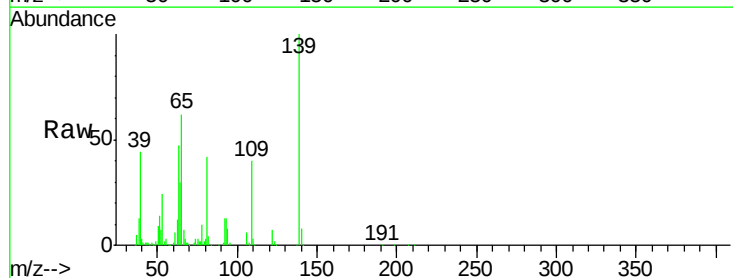
Tgt Ion: 139 Resp: 138861

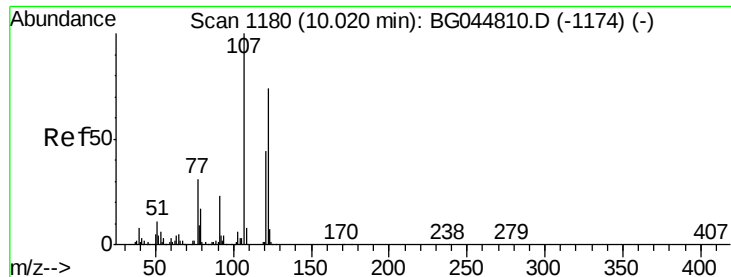
Ion Ratio Lower Upper

139 100

109 39.8 30.2 45.4

65 61.7 46.3 69.5

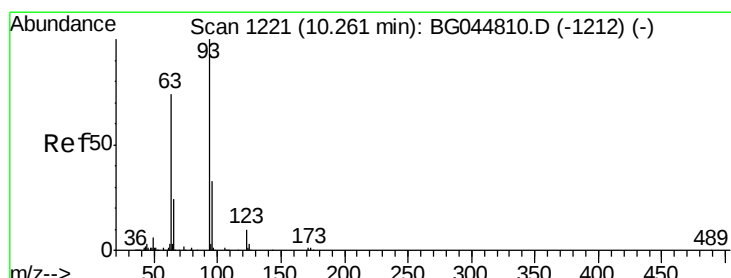
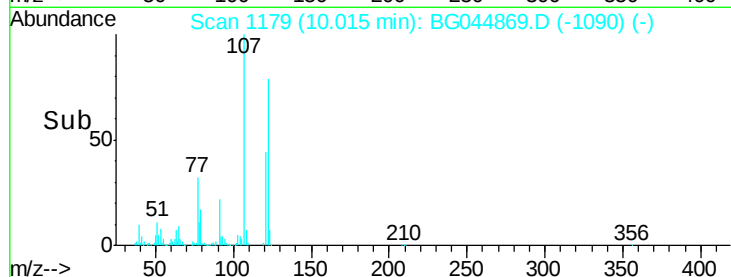
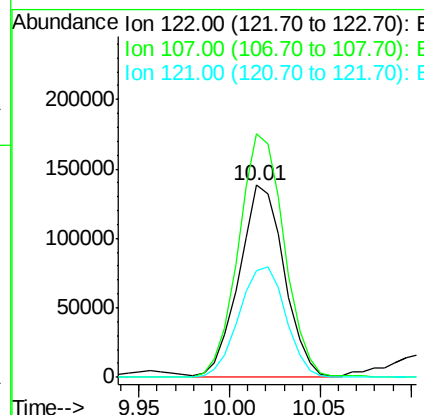
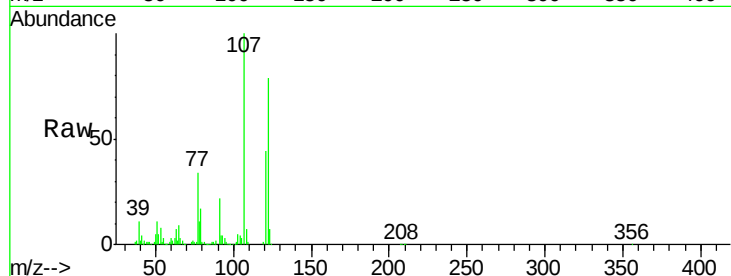




#27
2,4-Dimethylphenol
Concen: 47.10 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

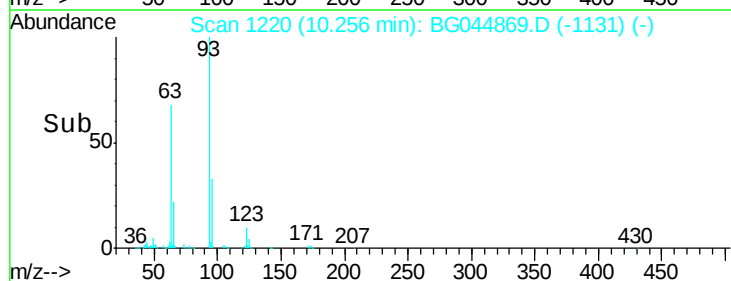
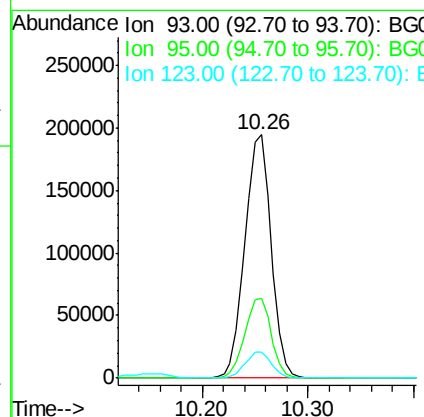
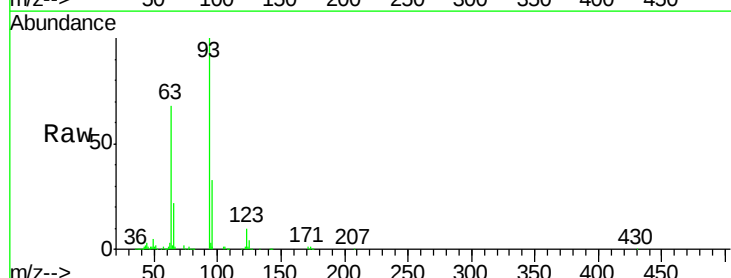
Instrument :
BNA_G
ClientSampleId :
PB127635BS

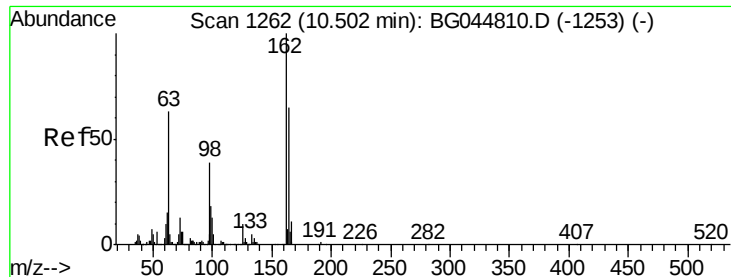
Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.7	107.1	160.7
121	55.8	46.8	70.2



#28
bis(2-Chloroethoxy)methane
Concen: 36.26 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	10.5	8.4	12.6

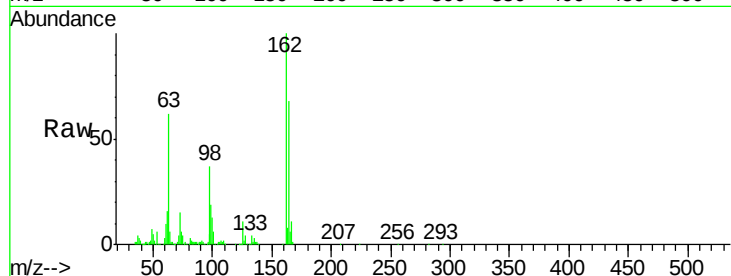




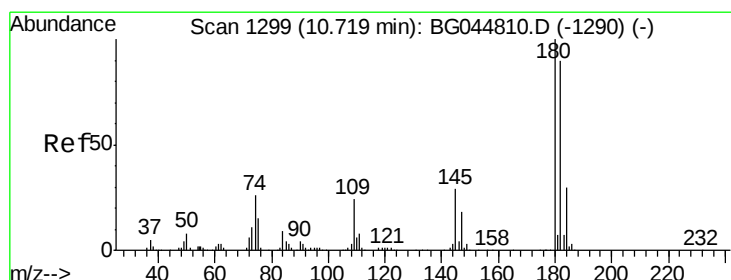
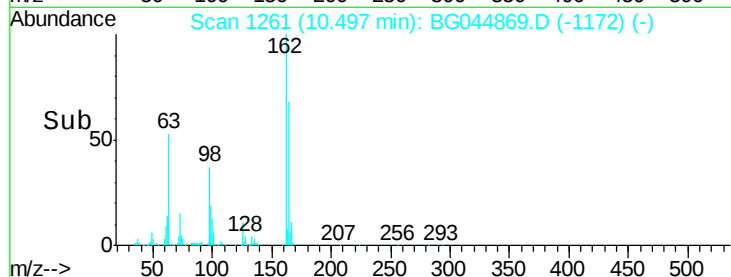
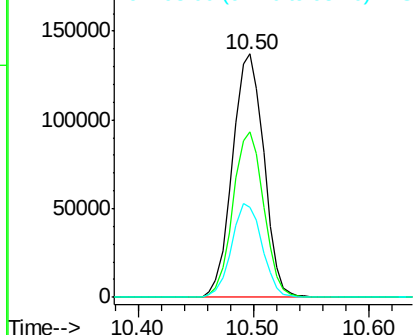
#29
2,4-Dichlorophenol
Concen: 43.77 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.0	45.2	85.2
98	36.8	19.0	59.0

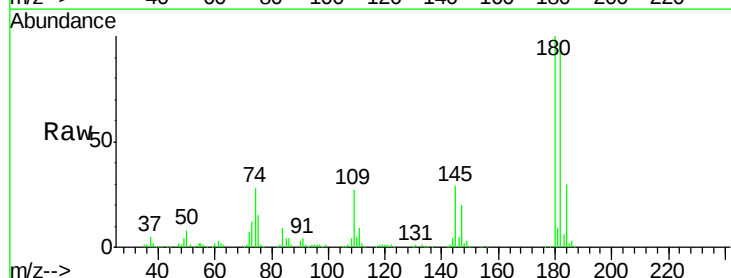


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

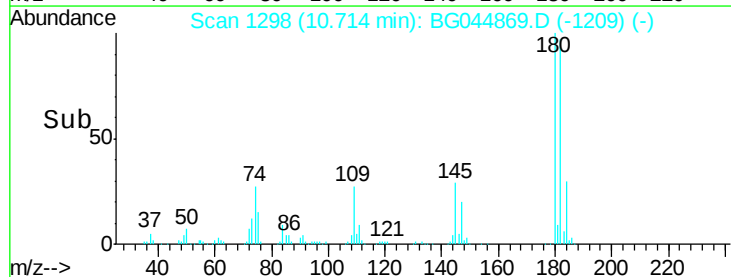
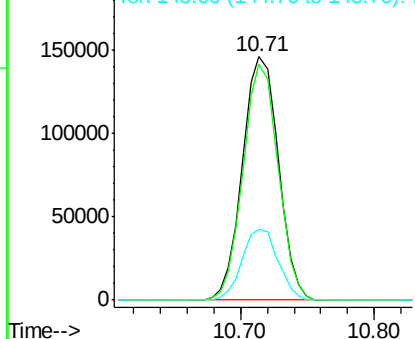


#30
1,2,4-Trichlorobenzene
Concen: 38.48 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	71.6	107.4
145	29.1	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

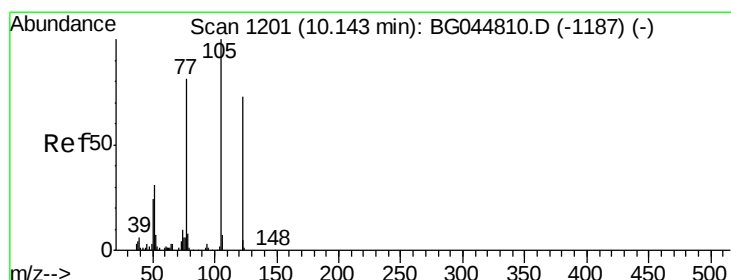
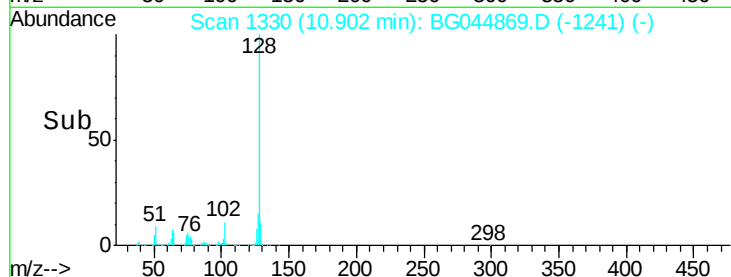
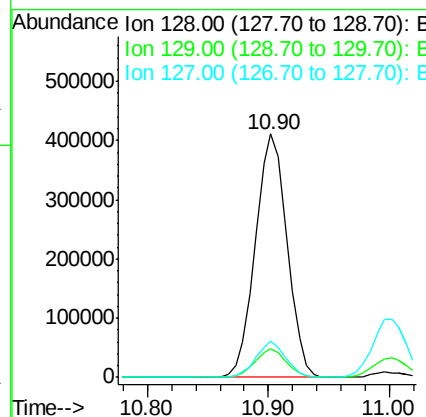
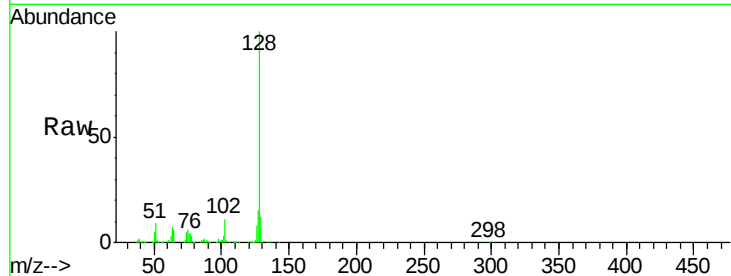




#31
Naphthalene
Concen: 38.84 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

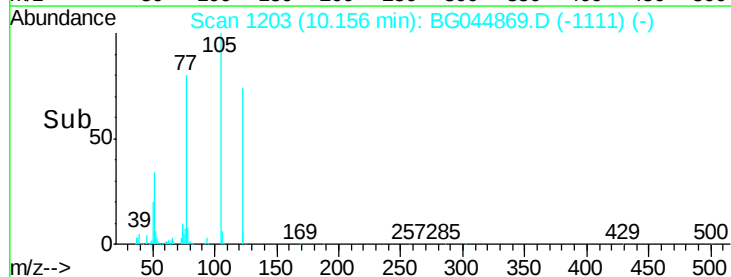
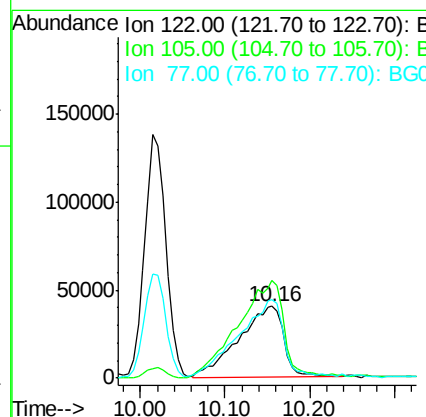
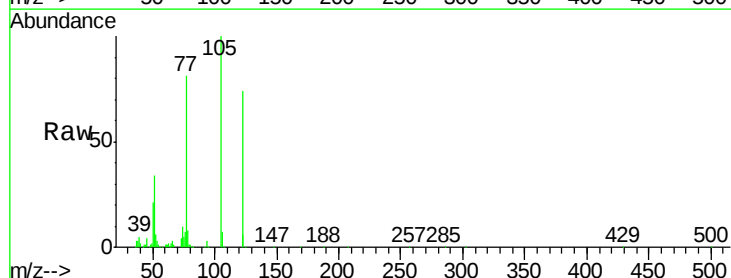
Instrument :
BNA_G
ClientSampleId :
PB127635BS

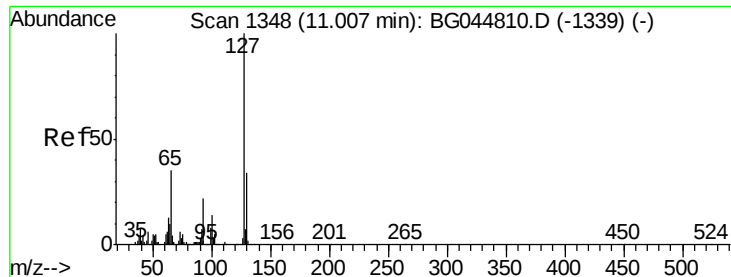
Tgt Ion:	128	Resp:	751024
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	14.8	10.8	16.2



#32
Benzoic acid
Concen: 39.86 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion:	122	Resp:	148887
Ion	Ratio	Lower	Upper
122	100		
105	135.6	109.1	149.1
77	109.7	85.3	125.3

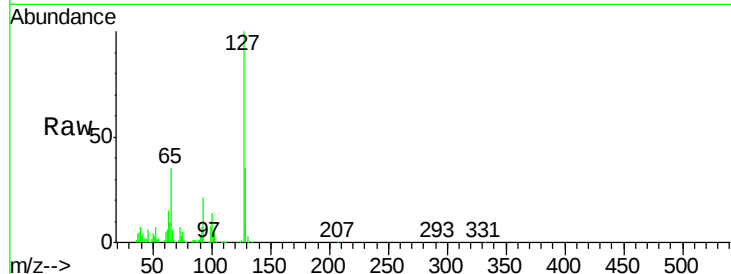




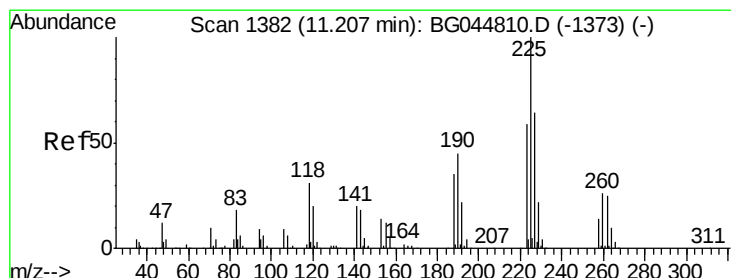
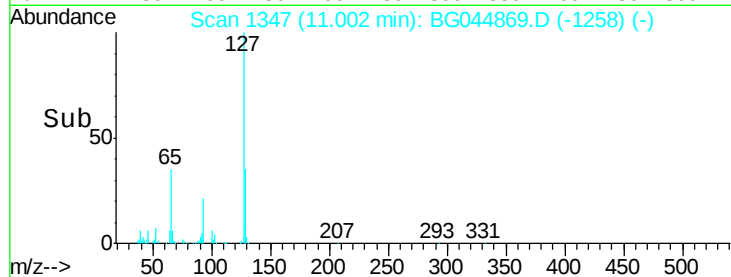
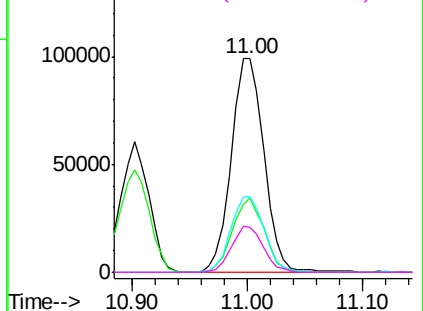
#33
4-Chloroaniline
Concen: 22.32 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tgt Ion:	127	Resp:	194418
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.9	40.3
65	35.1	27.7	41.5
92	21.2	17.4	26.2

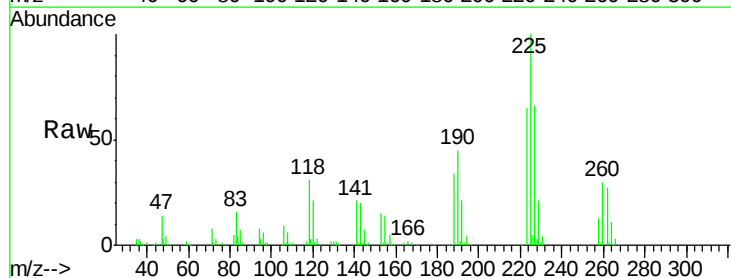


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

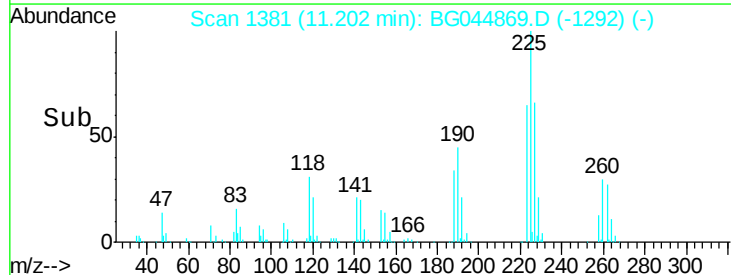
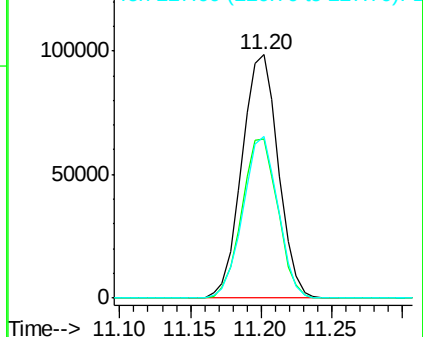


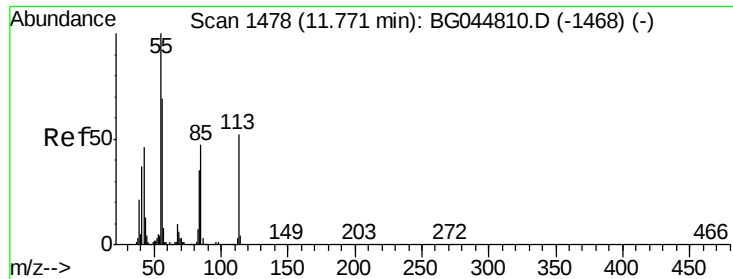
#34
Hexachlorobutadiene
Concen: 38.23 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion:	225	Resp:	177492
Ion	Ratio	Lower	Upper
225	100		
223	65.2	47.4	71.0
227	66.5	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: 19.22 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

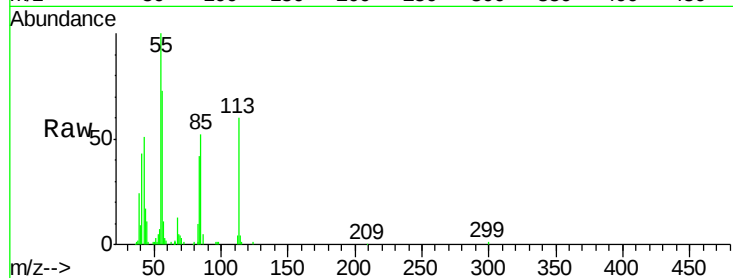
Tgt Ion:113 Resp: 42968

Ion Ratio Lower Upper

113 100

55 165.5 173.8 213.8#

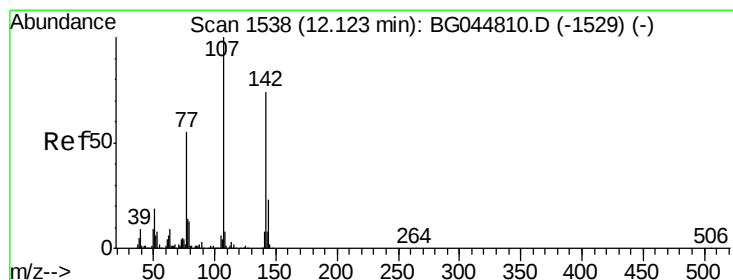
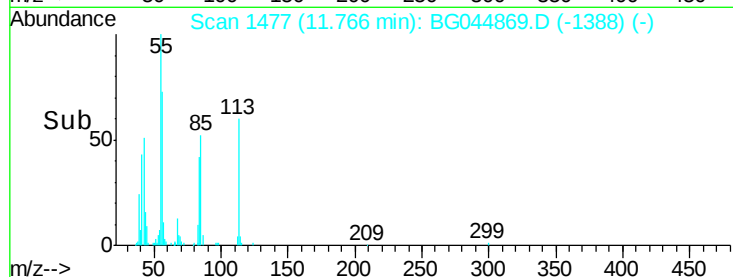
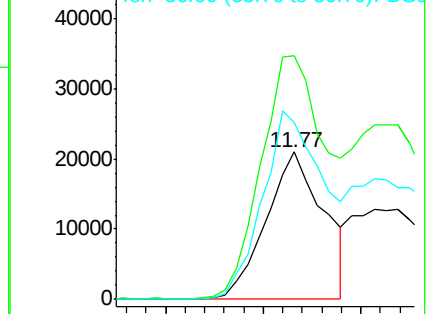
56 120.5 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG044810.D (-1468) (-)

Ion 56.00 (55.70 to 56.70): BG044810.D (-1468) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.03 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

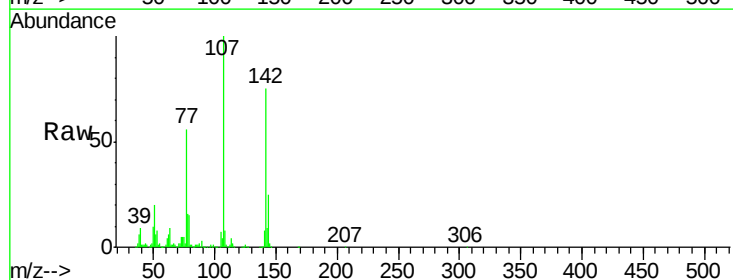
Tgt Ion:107 Resp: 288958

Ion Ratio Lower Upper

107 100

144 25.1 18.0 27.0

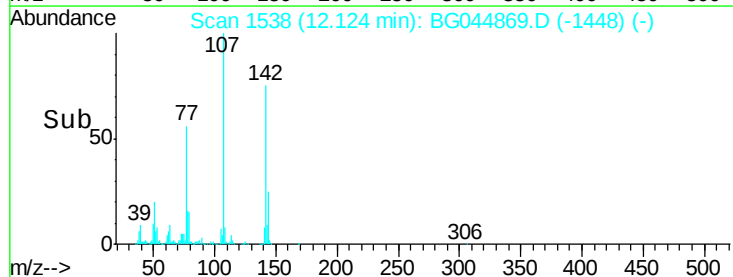
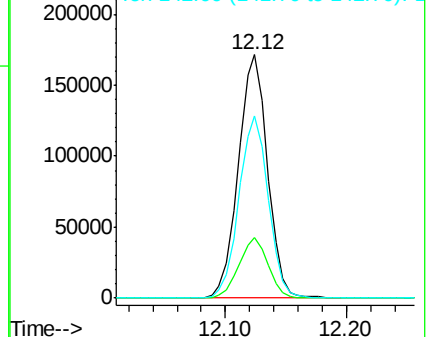
142 74.7 59.0 88.4

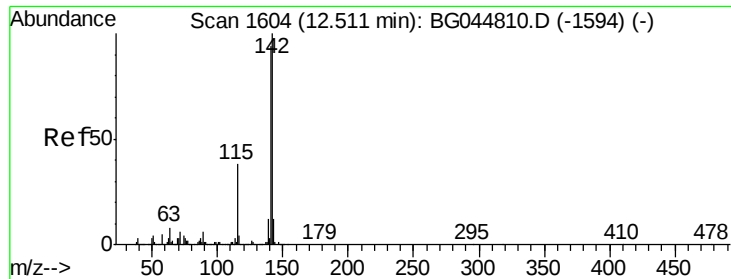


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

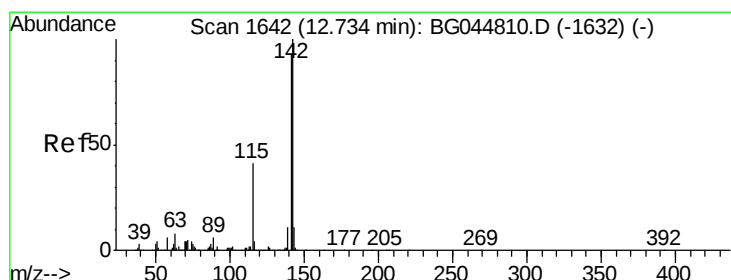
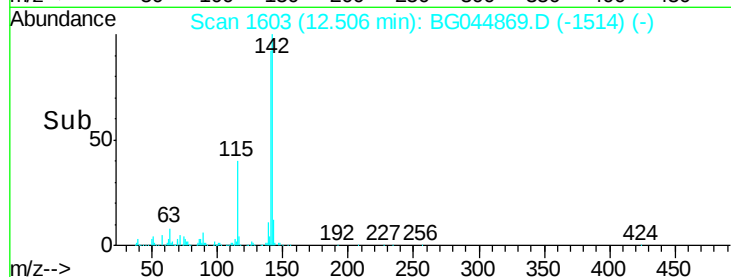
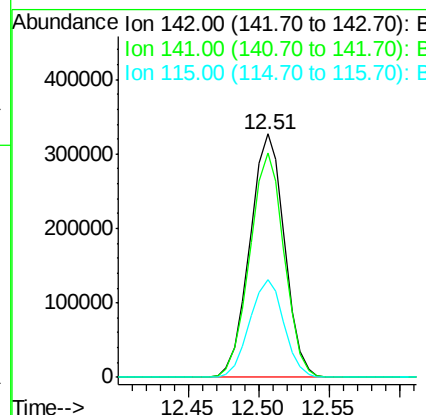
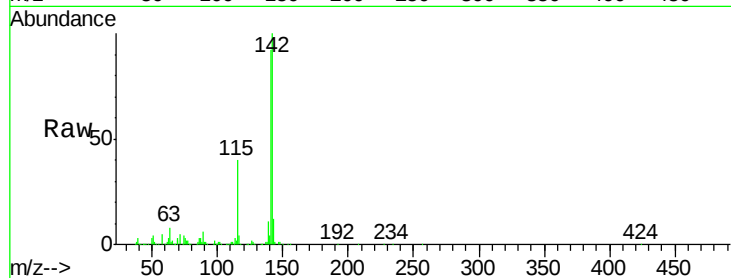




#37
 2-Methylnaphthalene
 Concen: 38.89 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

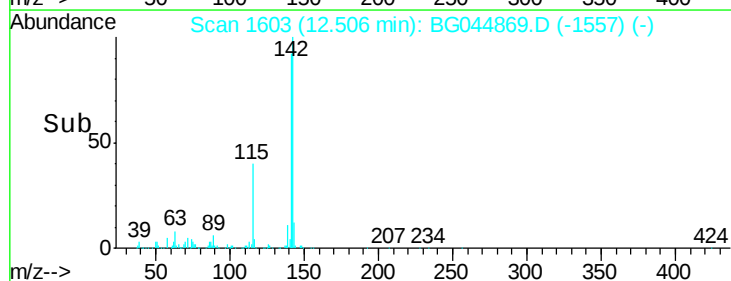
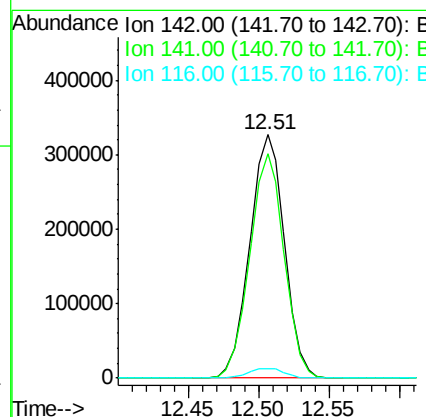
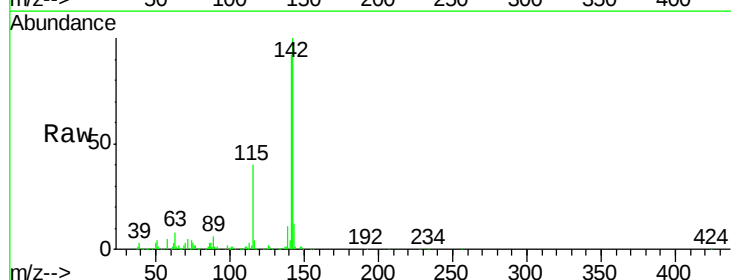
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.1	112.7
115	40.2	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 41.37 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.23 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.7	112.1
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

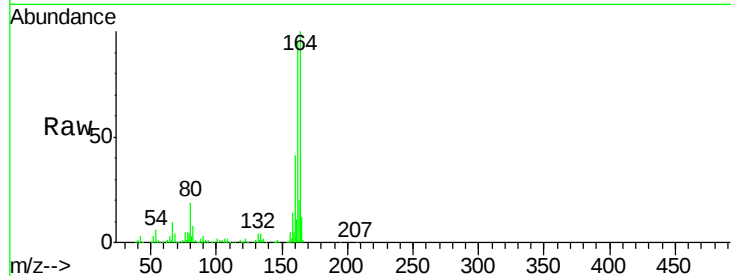
Tgt Ion:164 Resp: 240211

Ion Ratio Lower Upper

164 100

162 95.0 76.7 115.1

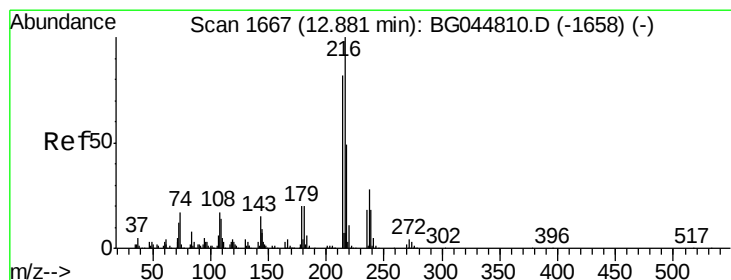
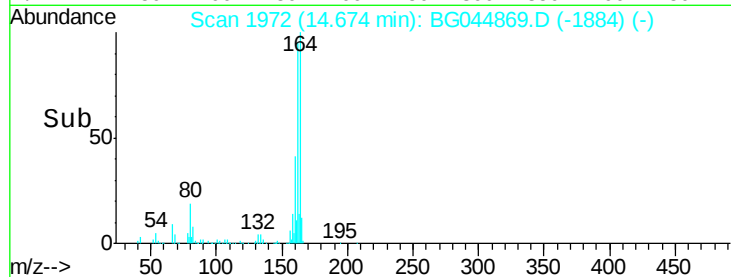
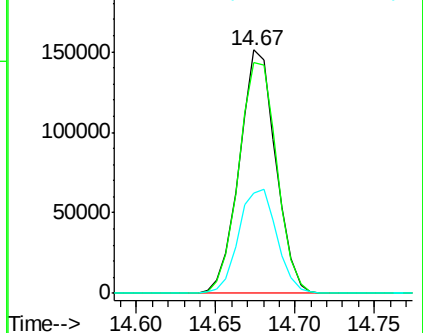
160 41.0 35.0 52.4



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: 38.18 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Tgt Ion:216 Resp: 302017

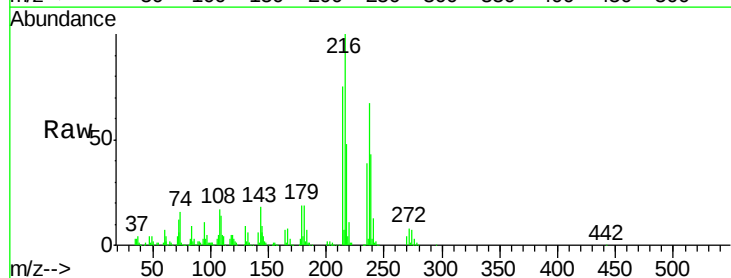
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 19.7 16.2 24.2

108 20.0 14.6 22.0

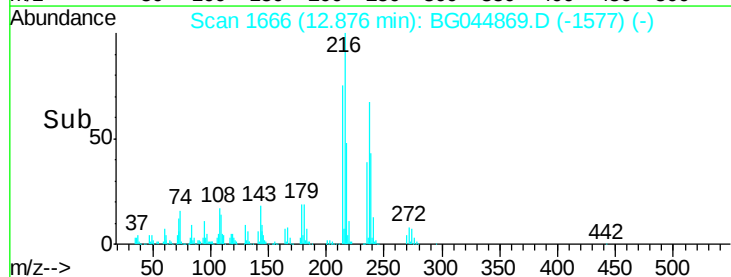
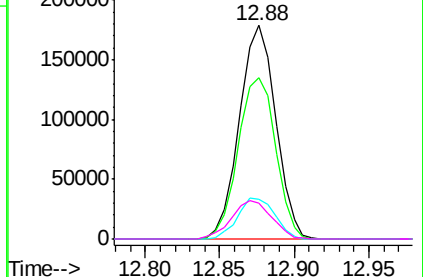


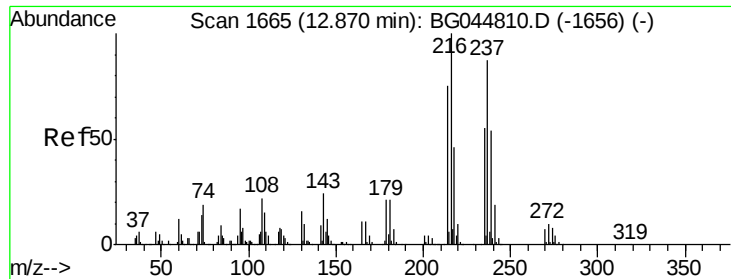
Abundance Ion 216.00 (215.70 to 216.70): E

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

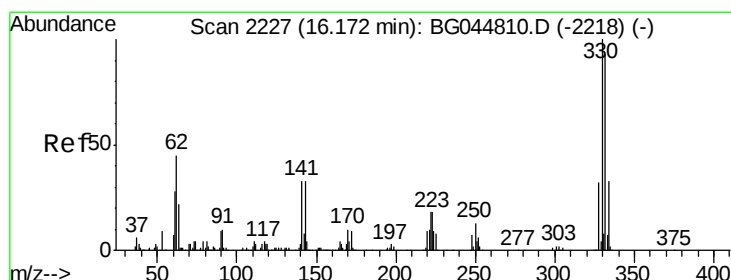
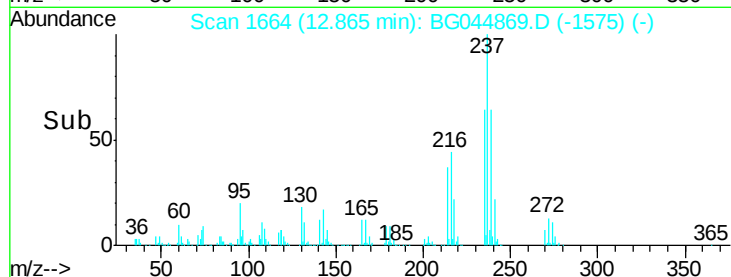
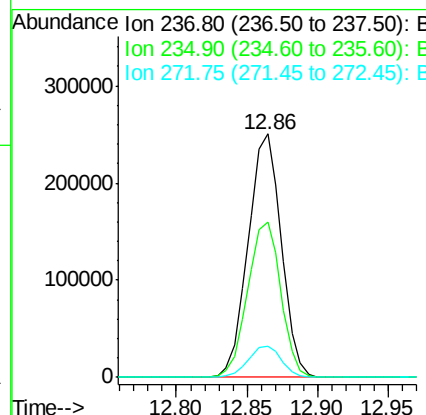
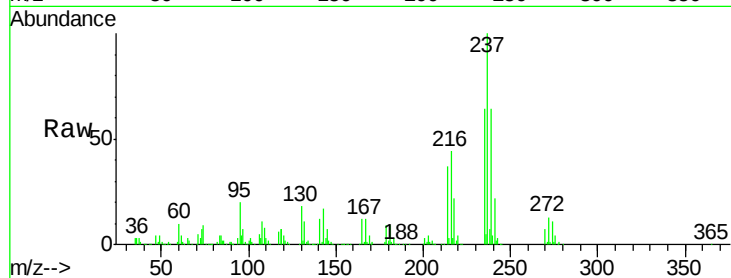




#41
Hexachlorocyclopentadiene
Concen: 95.49 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

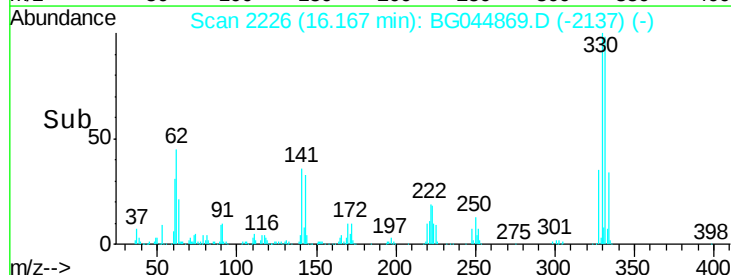
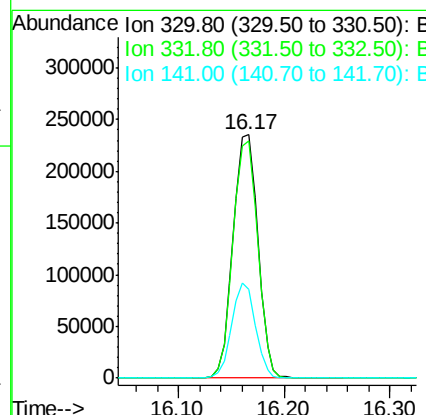
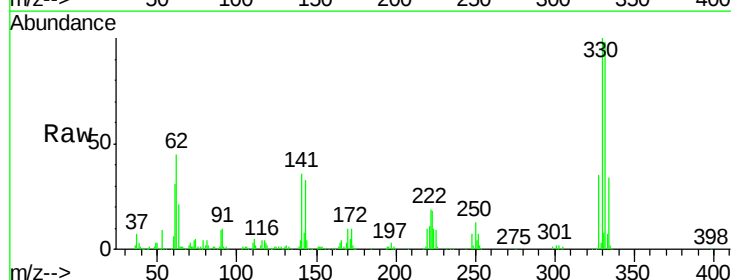
Instrument :
BNA_G
ClientSampleId :
PB127635BS

Tgt Ion: 237 Resp: 412829
Ion Ratio Lower Upper
237 100
235 63.7 42.9 82.9
272 13.0 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 121.67 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion: 330 Resp: 382670
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.6
141 37.3 29.5 44.3

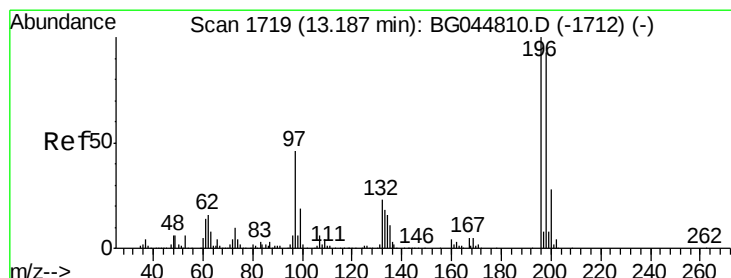
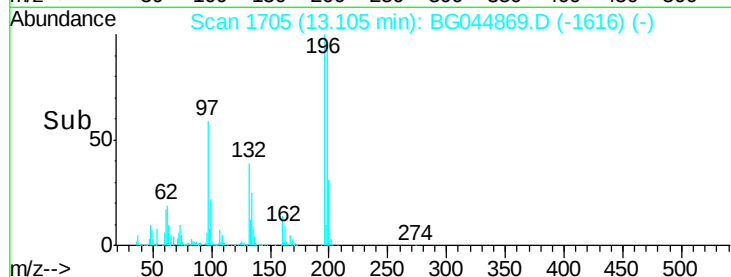
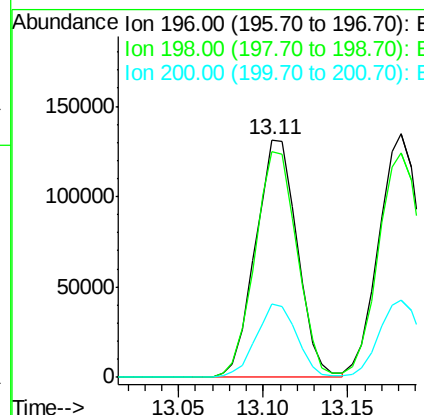
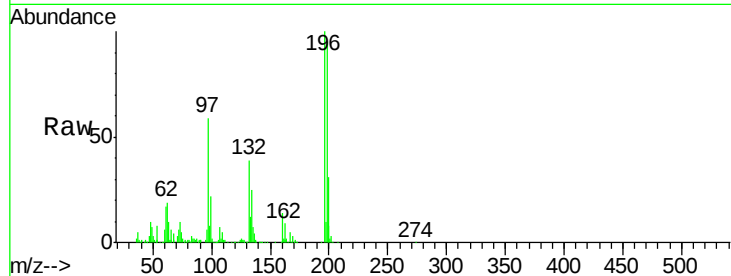




#43
 2,4,6-Trichlorophenol
 Concen: 42.87 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

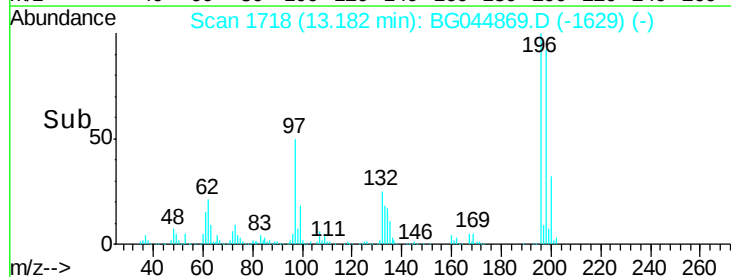
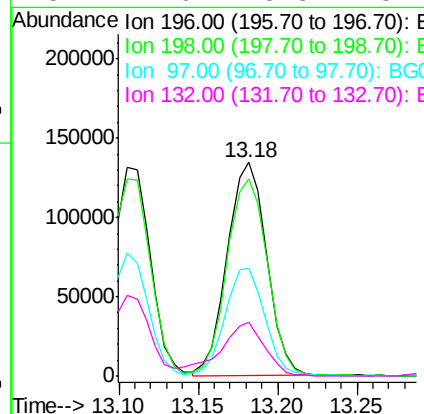
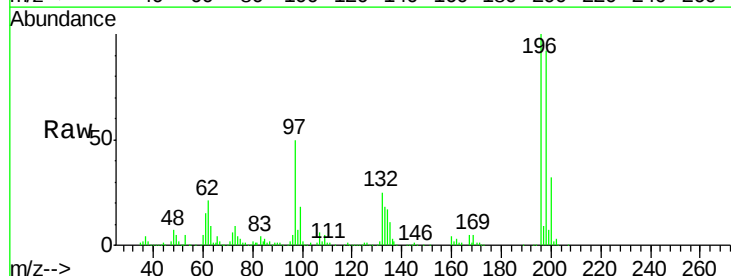
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

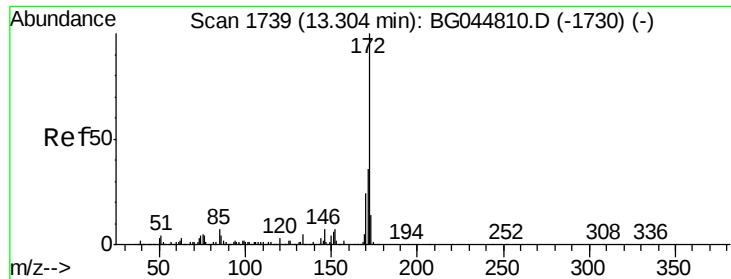
Tgt Ion:196 Resp: 225048
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.9 112.3
 200 30.7 25.8 38.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.60 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion:196 Resp: 231955
 Ion Ratio Lower Upper
 196 100
 198 92.2 74.2 111.4
 97 50.2 36.7 55.1
 132 24.9 18.8 28.2

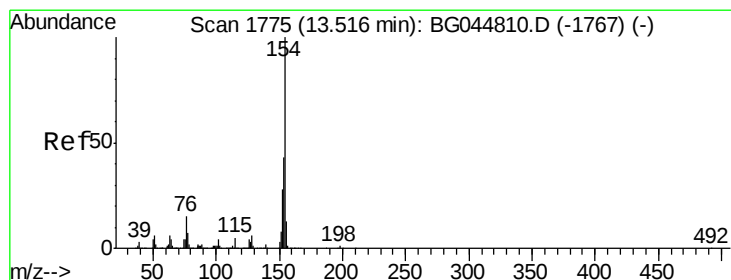
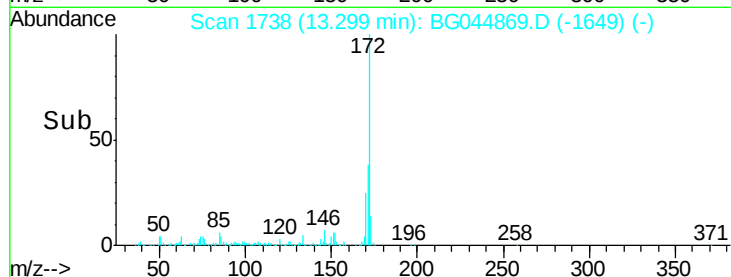
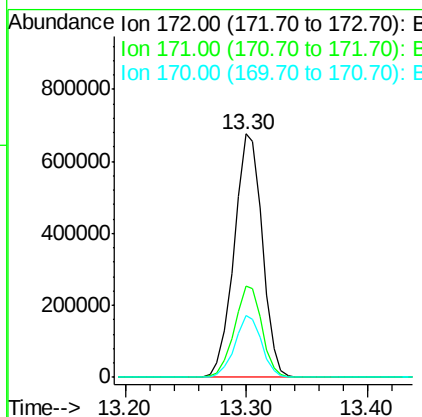
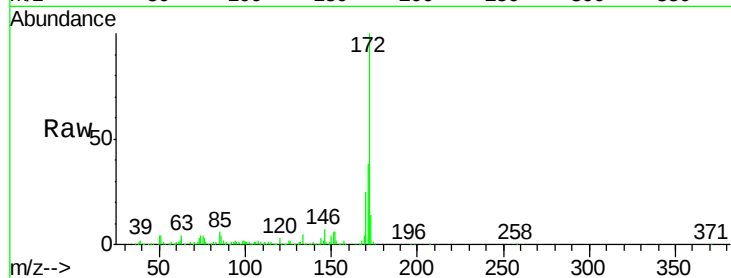




#45
2-Fluorobiphenyl
Concen: 65.36 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

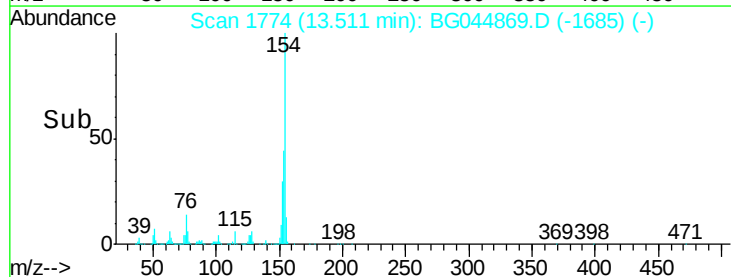
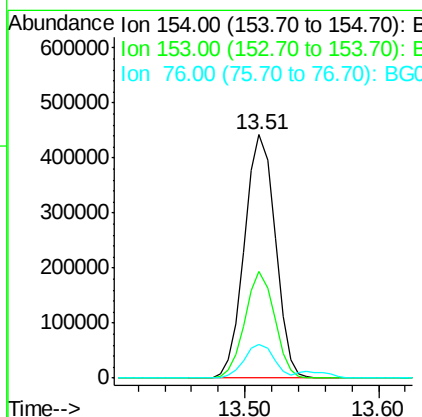
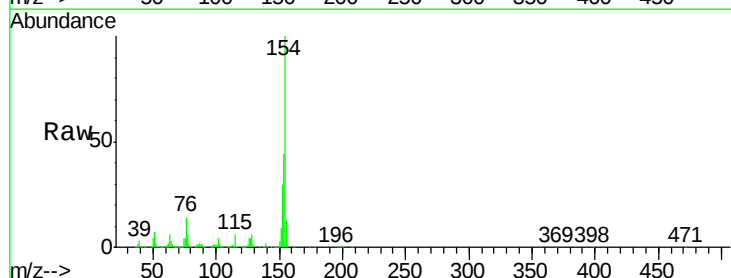
Instrument :
BNA_G
ClientSampleId :
PB127635BS

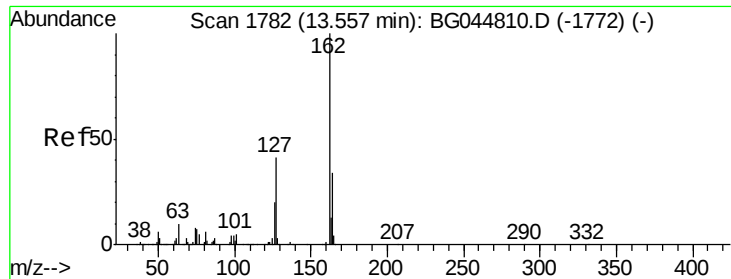
Tgt Ion:172 Resp: 1096331
Ion Ratio Lower Upper
172 100
171 37.7 28.7 43.1
170 25.1 19.0 28.6



#46
1,1'-Biphenyl
Concen: 36.70 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion:154 Resp: 704518
Ion Ratio Lower Upper
154 100
153 43.6 22.9 62.9
76 13.9 0.0 34.6

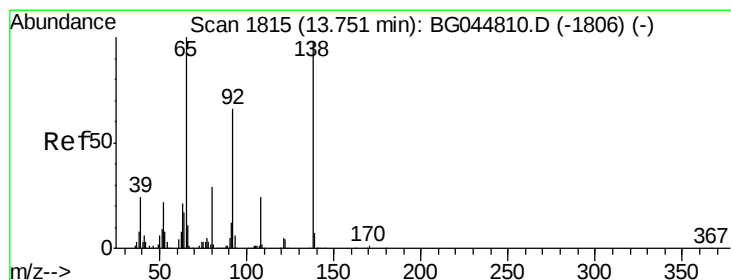
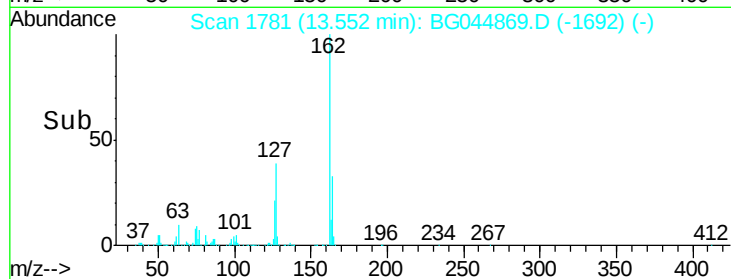
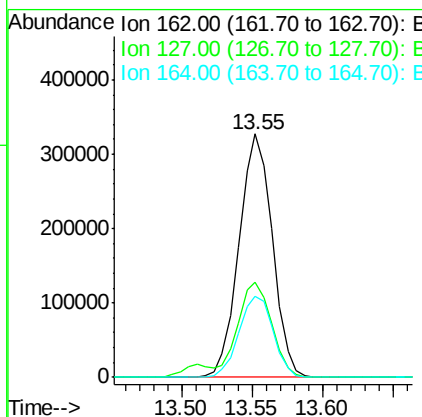
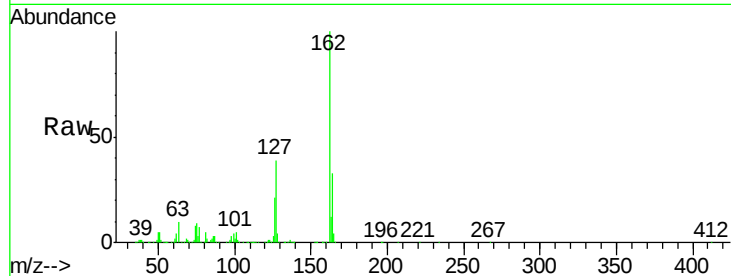




#47
 2-Chloronaphthalene
 Concen: 36.76 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

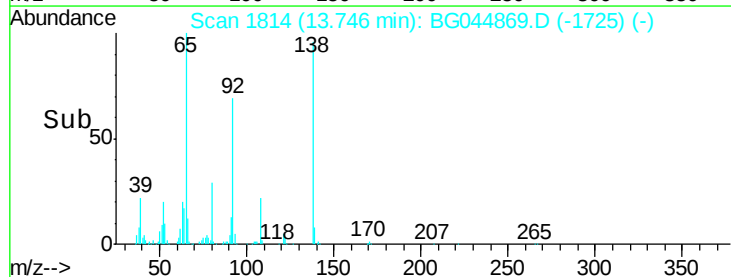
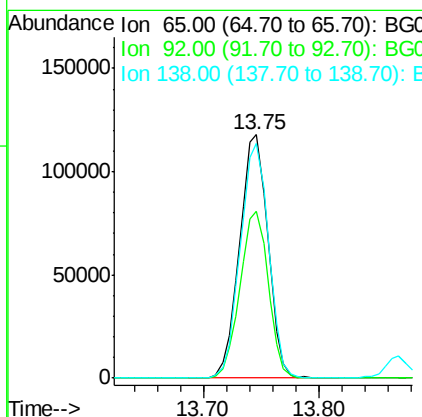
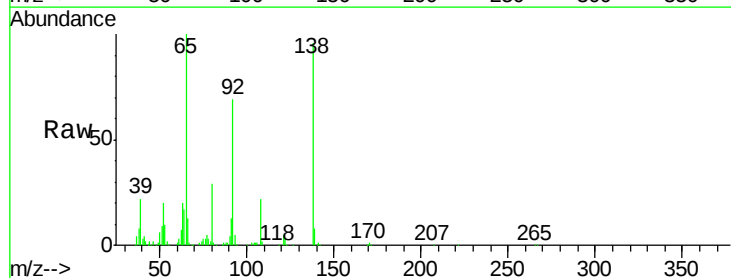
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

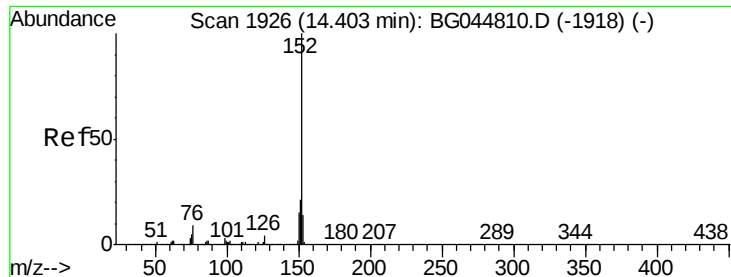
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.1	49.7
164	33.3	27.4	41.2



#48
 2-Nitroaniline
 Concen: 39.22 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	52.6	79.0
138	96.3	78.3	117.5





#49

Acenaphthylene

Concen: 39.02 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

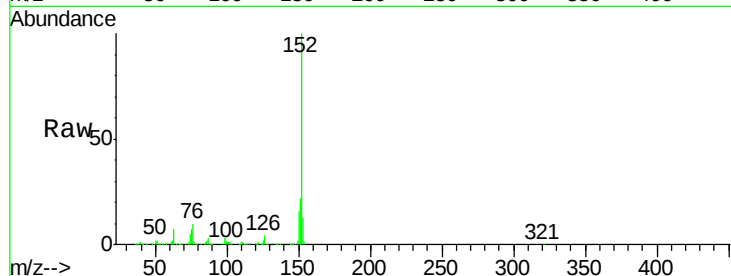
Tgt Ion:152 Resp: 896430

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

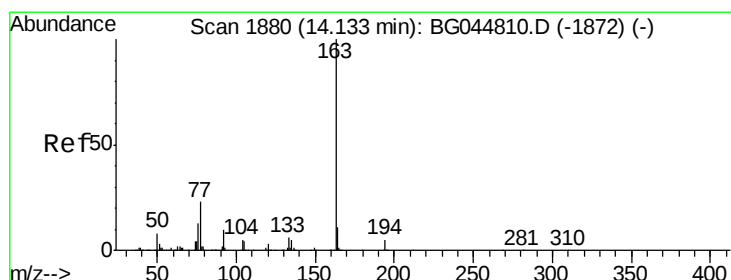
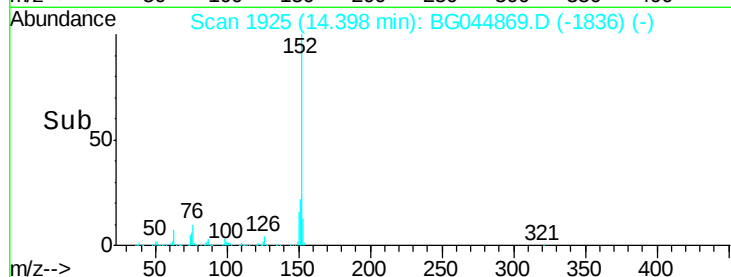
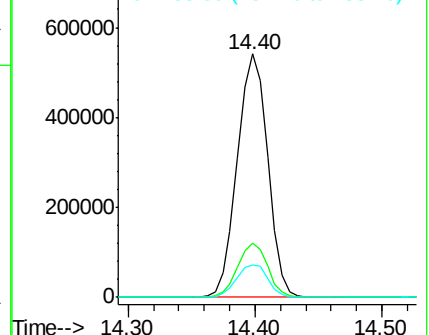
153 13.5 10.8 16.2



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: 37.87 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

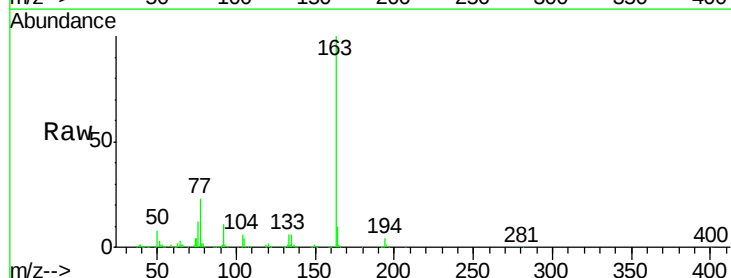
Tgt Ion:163 Resp: 724508

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

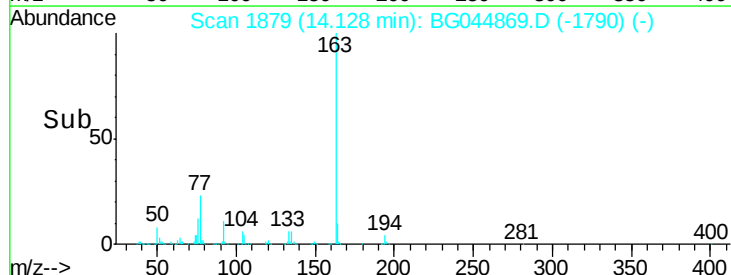
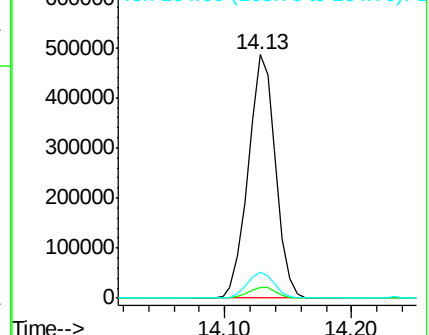
164 10.5 9.1 13.7

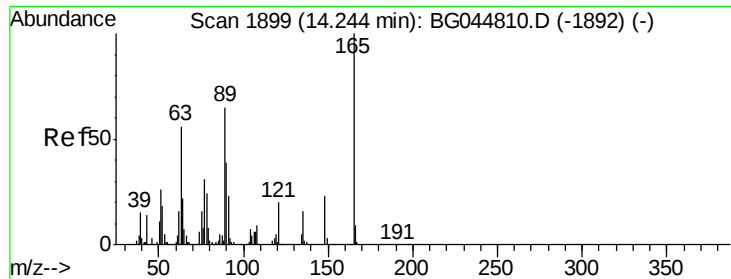


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

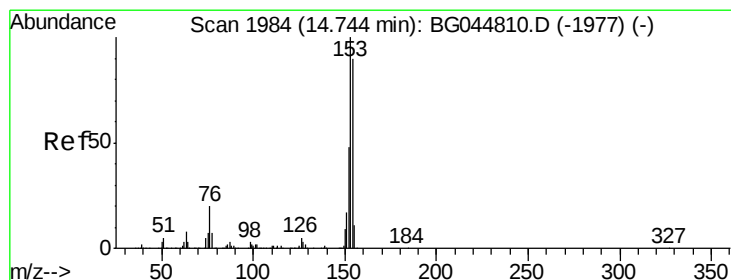
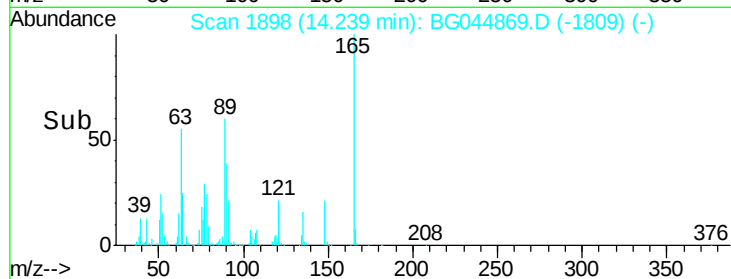
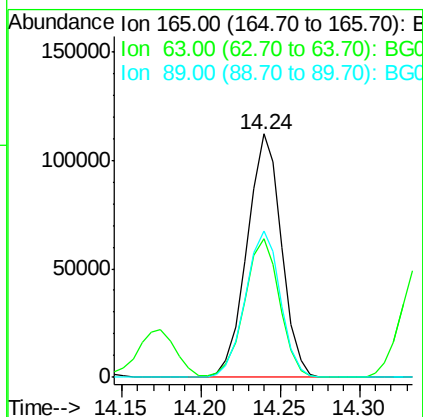
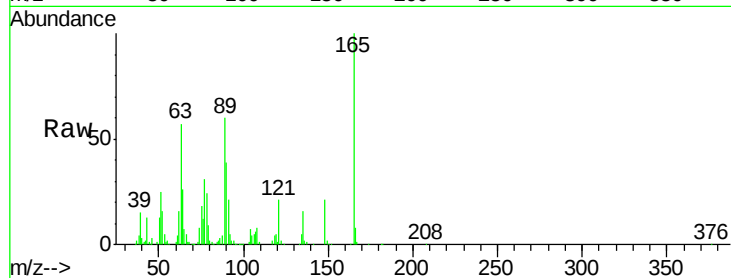




#51
 2,6-Dinitrotoluene
 Concen: 43.80 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

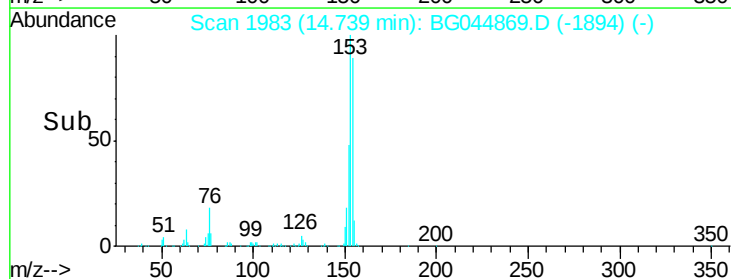
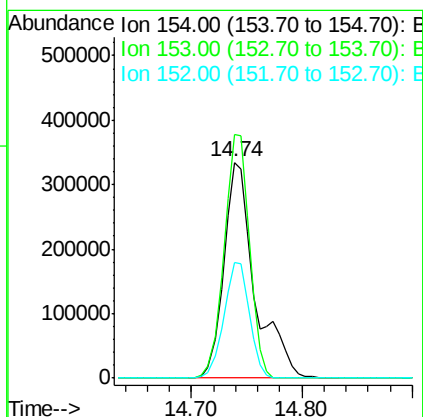
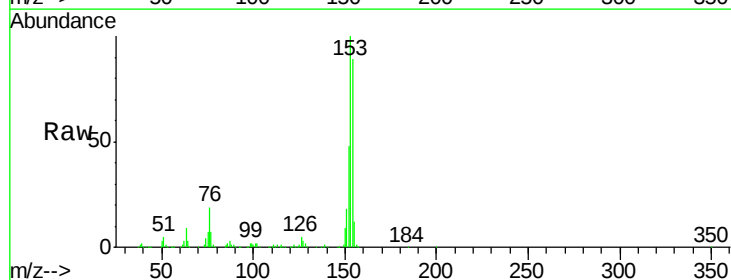
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

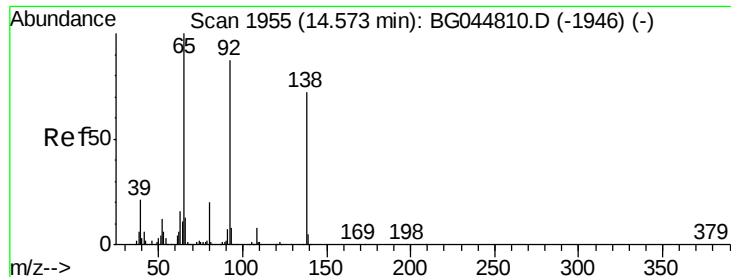
Tgt Ion:165 Resp: 168914
 Ion Ratio Lower Upper
 165 100
 63 56.8 45.8 68.8
 89 60.3 51.8 77.6



#52
 Acenaphthene
 Concen: 43.81 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion:154 Resp: 659090
 Ion Ratio Lower Upper
 154 100
 153 112.7 89.0 133.6
 152 53.6 43.0 64.6

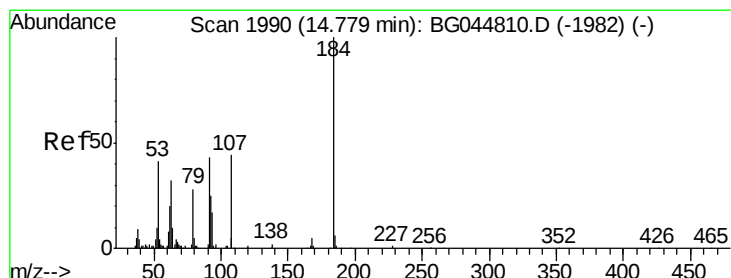
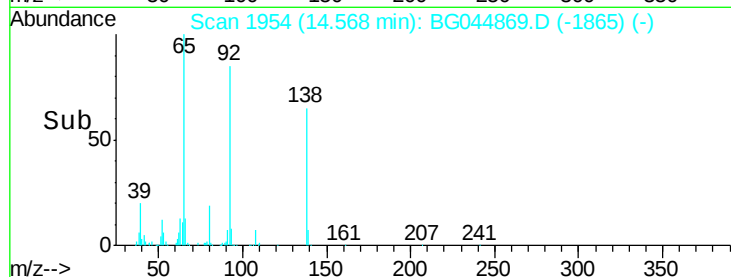
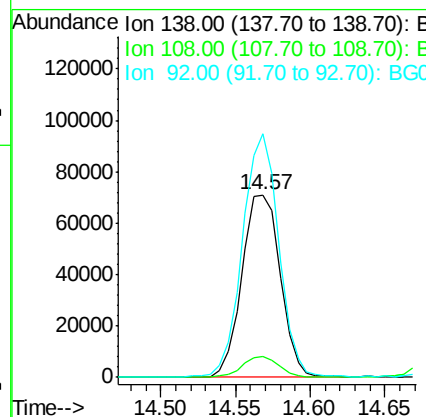
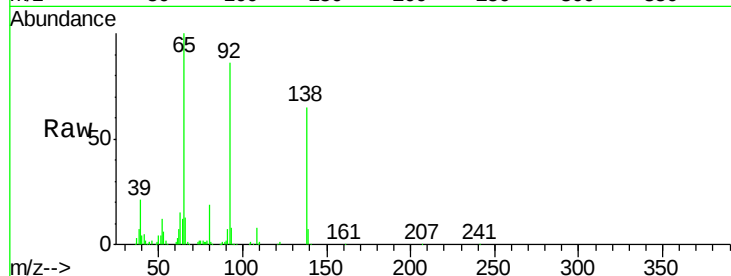




#53
 3-Nitroaniline
 Concen: 28.63 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

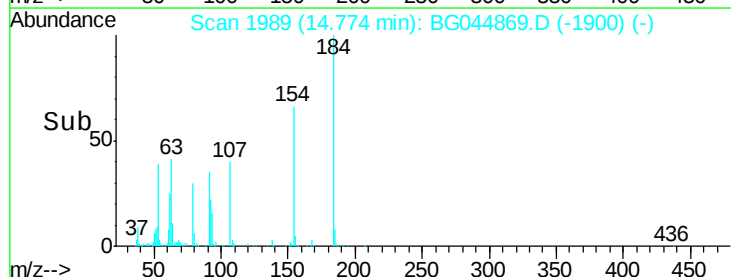
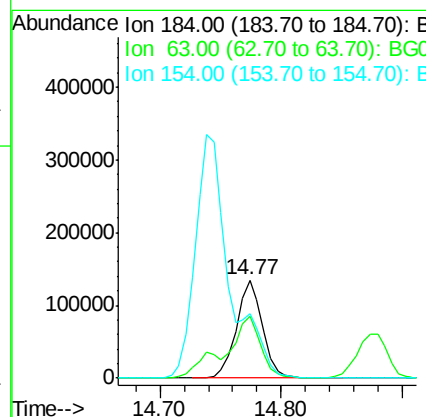
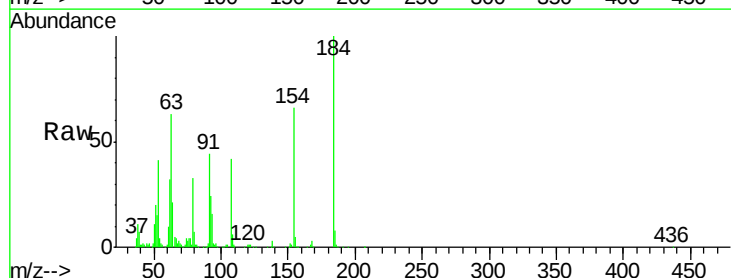
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

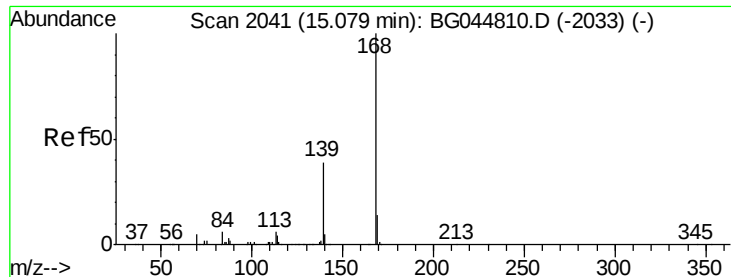
Tgt Ion:138 Resp: 126937
 Ion Ratio Lower Upper
 138 100
 108 11.7 9.0 13.4
 92 133.5 96.8 145.2



#54
 2,4-Dinitrophenol
 Concen: 98.00 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion:184 Resp: 201692
 Ion Ratio Lower Upper
 184 100
 63 63.1 45.5 68.3
 154 65.6 49.1 73.7

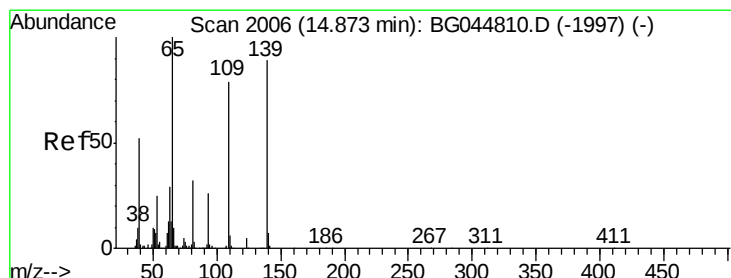
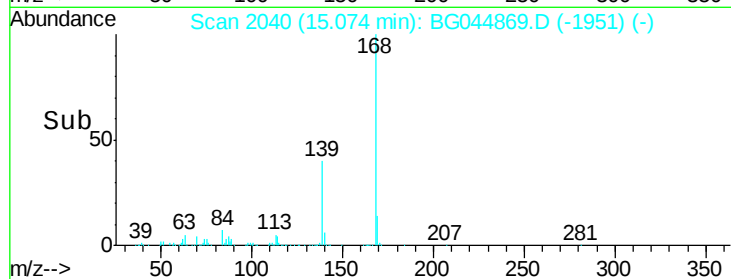
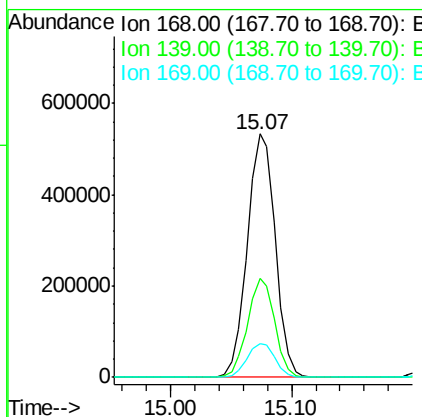
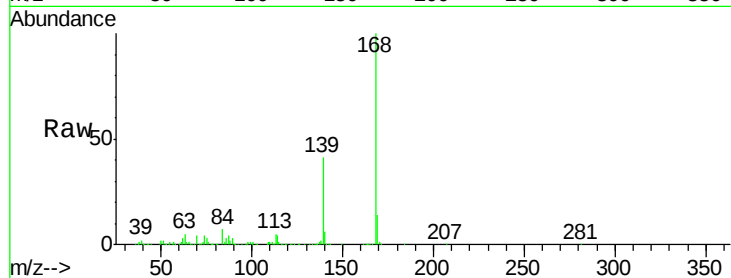




#55
Dibenzenofuran
Concen: 39.40 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

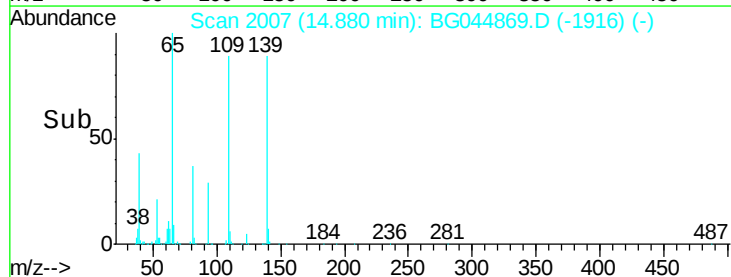
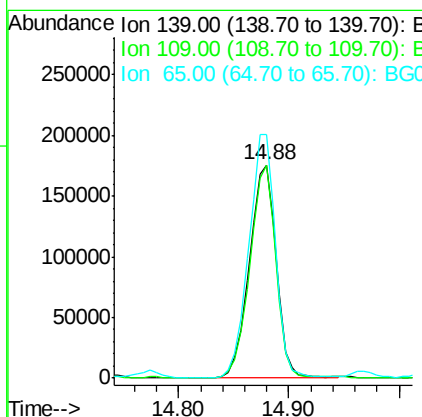
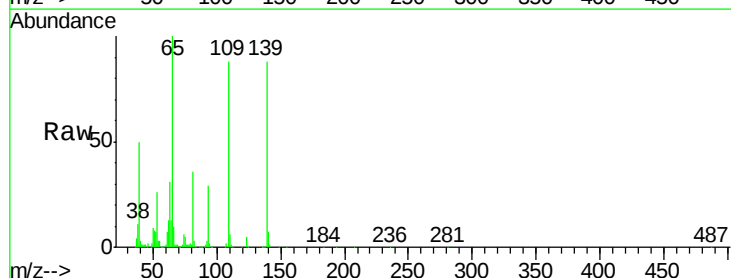
Instrument :
BNA_G
ClientSampleId :
PB127635BS

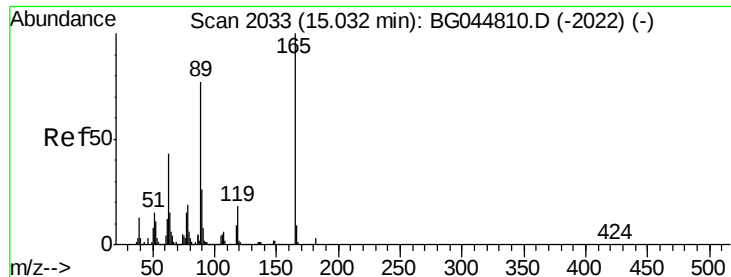
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.4	47.0
169	13.7	11.1	16.7



#56
4-Nitrophenol
Concen: 89.23 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.9	68.8	108.8
65	113.9	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 44.70 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

Tgt Ion:165 Resp: 236388

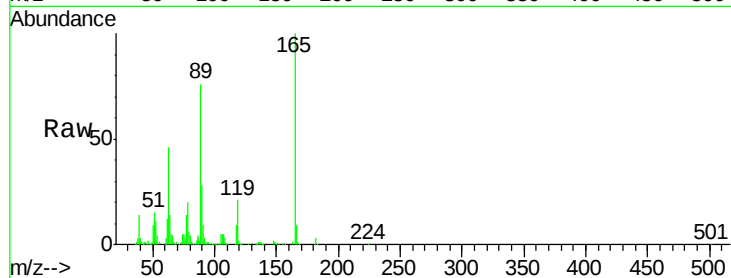
Ion Ratio Lower Upper

165 100

63 45.9 34.6 52.0

89 75.7 61.3 91.9

182 3.5 2.2 3.2#

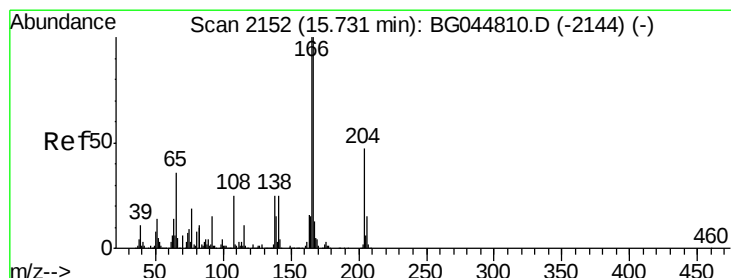
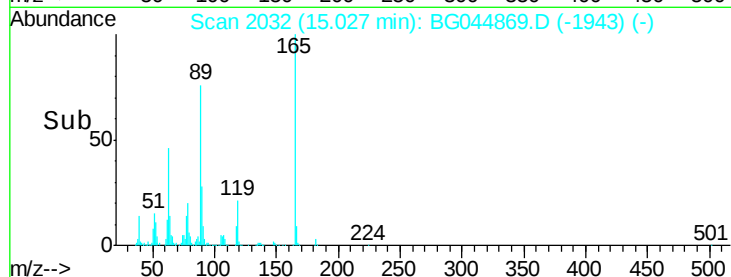
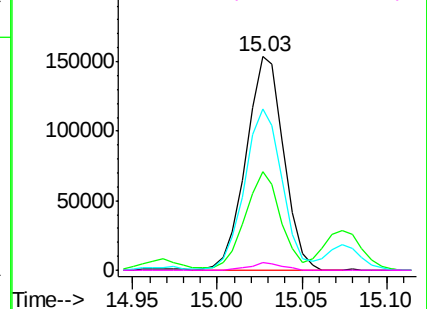


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.64 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

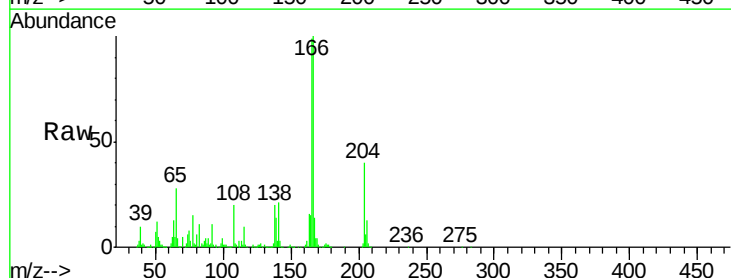
Tgt Ion:166 Resp: 693417

Ion Ratio Lower Upper

166 100

165 99.4 79.7 119.5

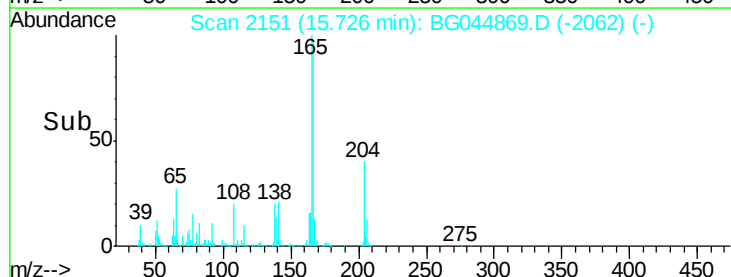
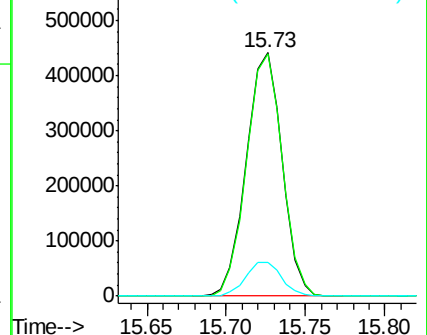
167 13.9 10.6 16.0

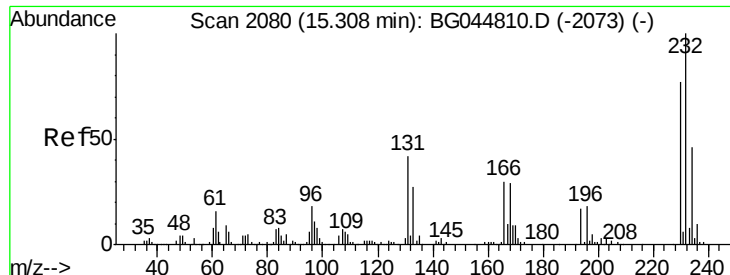


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

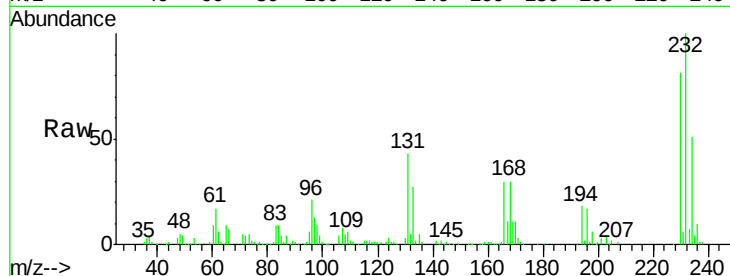




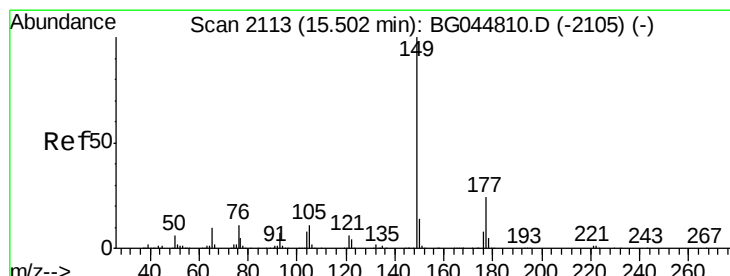
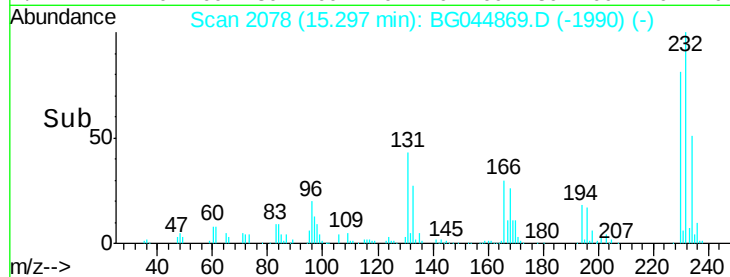
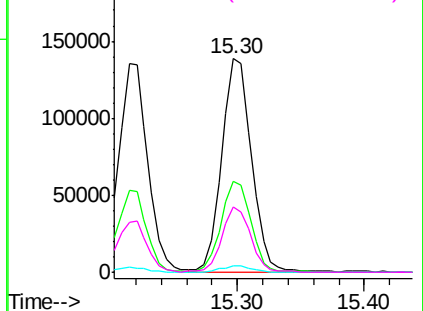
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.61 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tgt Ion:	232	Resp:	223594
Ion	Ratio	Lower	Upper
232	100		
131	43.4	31.8	47.8
130	2.9	2.2	3.2
166	29.8	20.2	30.2

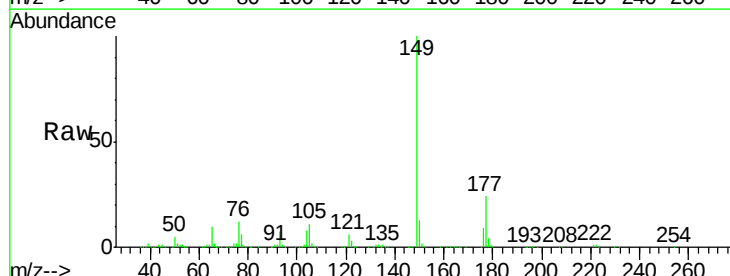


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

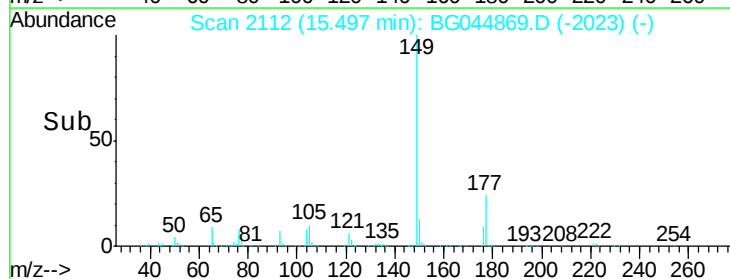
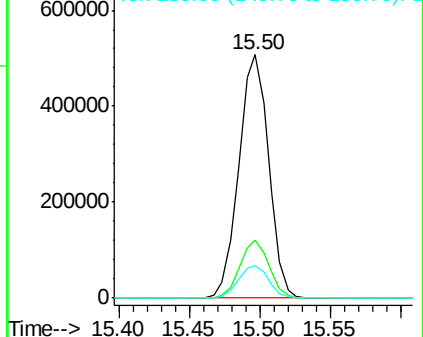


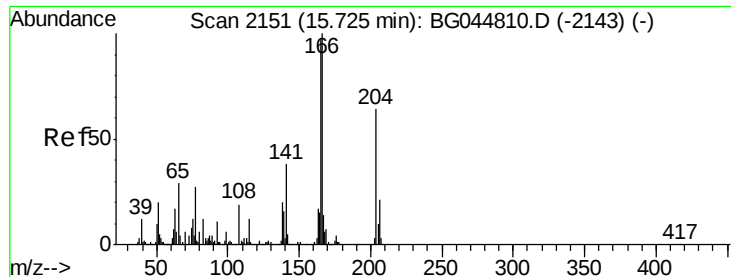
#60
 Diethylphthalate
 Concen: 37.41 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion:	149	Resp:	746551
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.3	28.9
150	13.3	11.0	16.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

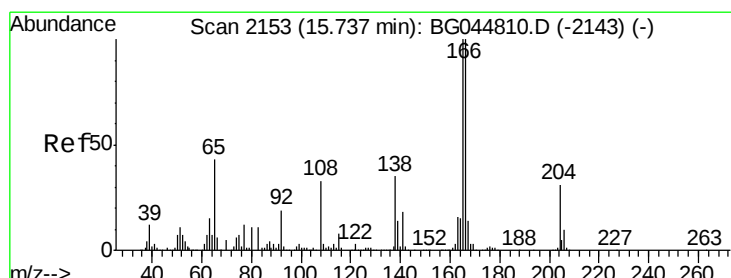
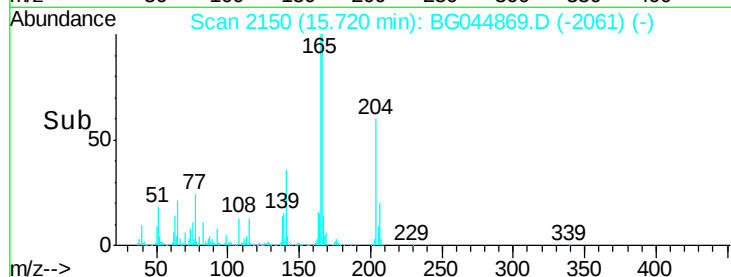
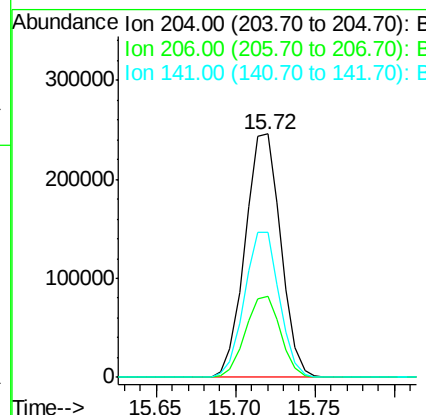
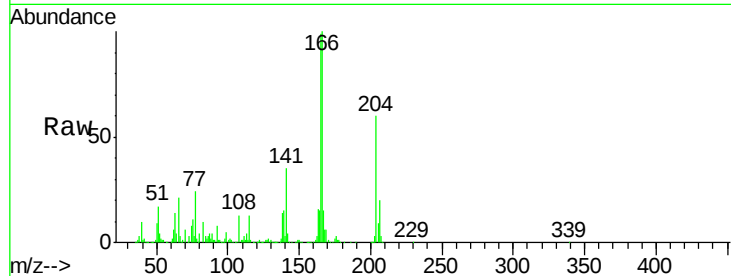




#61
 4-Chlorophenyl-phenylether
 Concen: 39.61 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

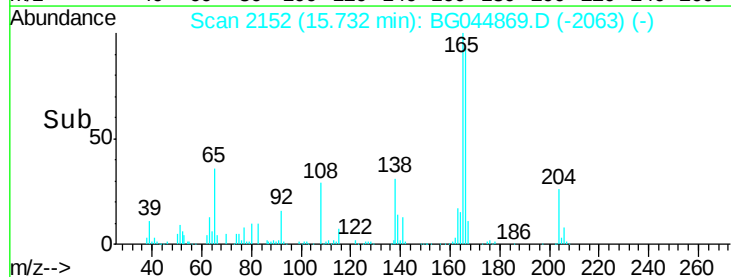
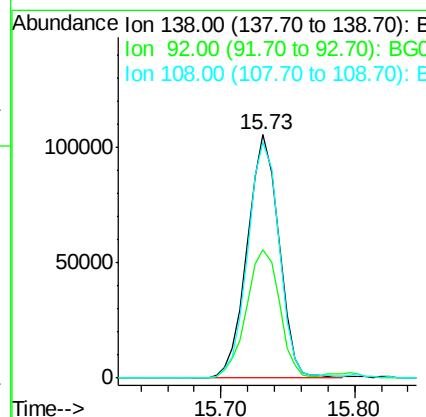
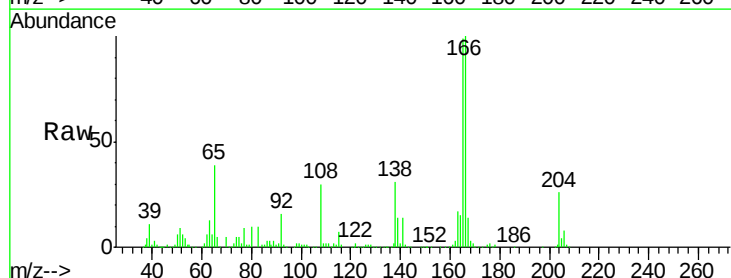
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

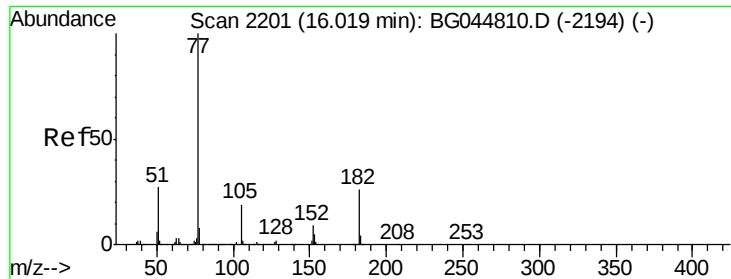
Tgt Ion: 204 Resp: 382808
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.2 39.2
 141 59.4 47.7 71.5



#62
 4-Nitroaniline
 Concen: 36.52 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion: 138 Resp: 172659
 Ion Ratio Lower Upper
 138 100
 92 52.8 34.5 74.5
 108 96.8 74.5 114.5





#63

Azobenzene

Concen: 35.77 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

Tgt Ion: 77 Resp: 741119

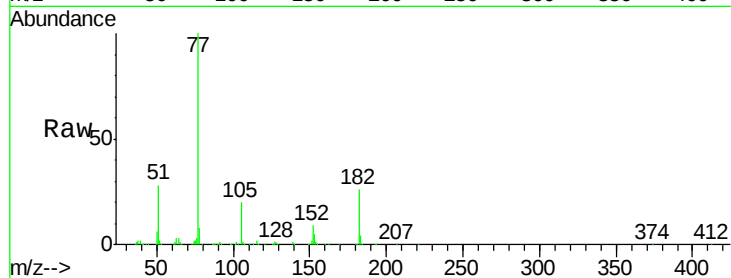
Ion Ratio Lower Upper

77 100

182 25.8 6.4 46.4

105 19.7 0.0 39.1

51 28.2 7.3 47.3

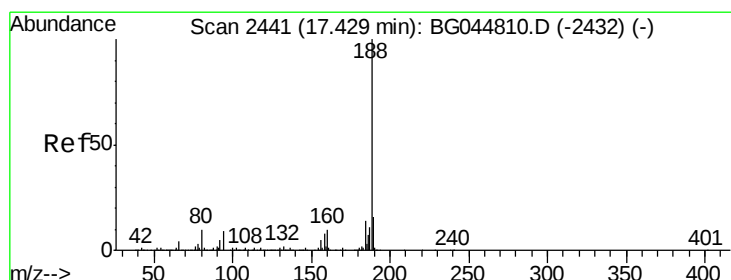
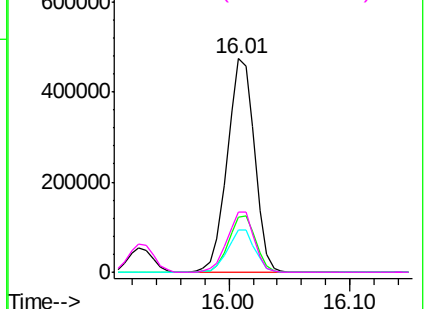
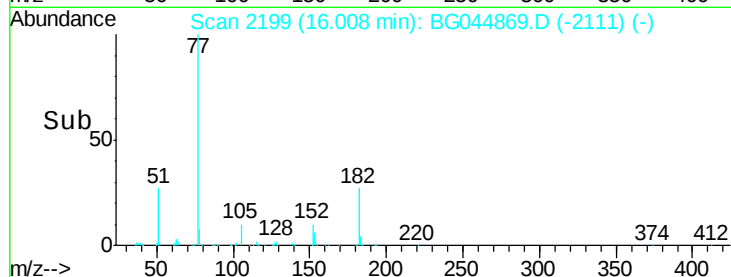


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

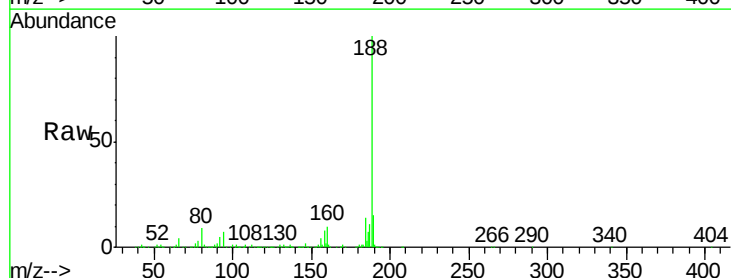
Tgt Ion: 188 Resp: 553375

Ion Ratio Lower Upper

188 100

94 7.3 7.3 10.9

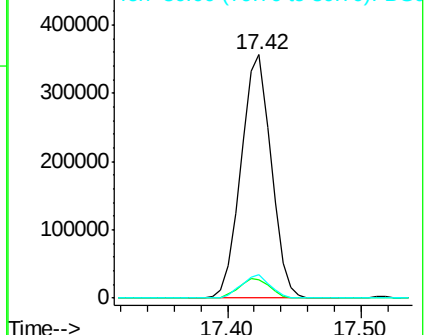
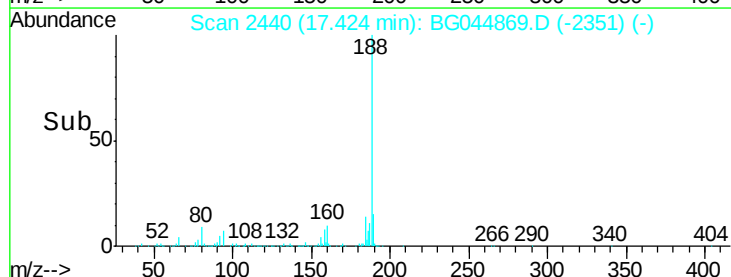
80 9.5 8.0 12.0

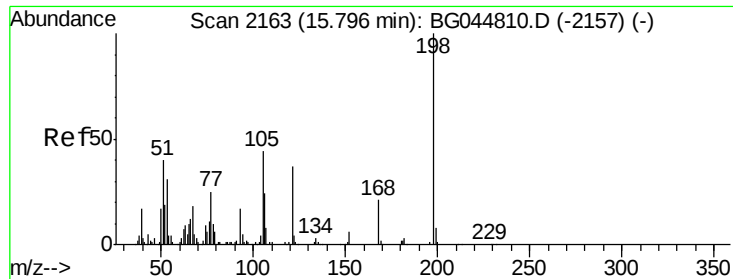


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

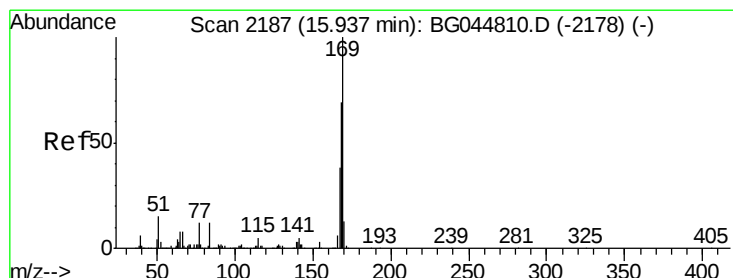
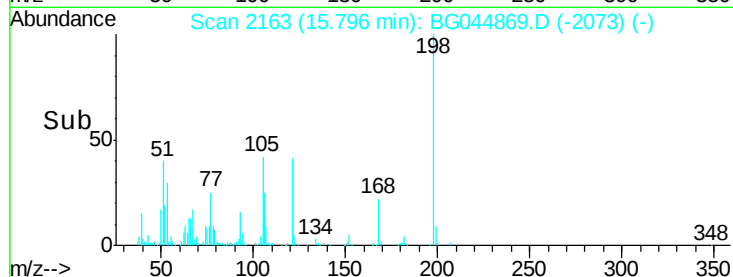
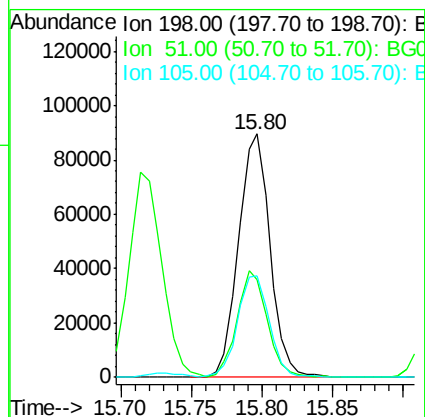
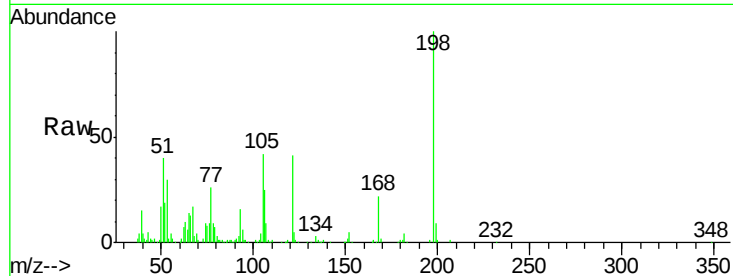




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.69 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

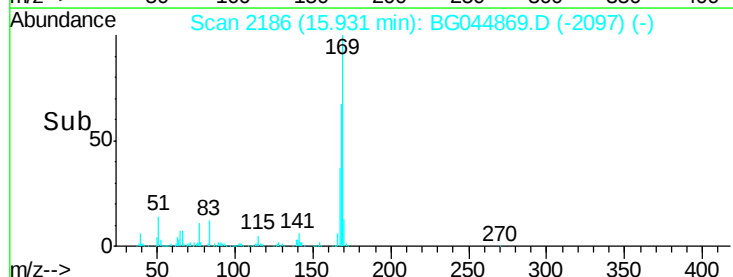
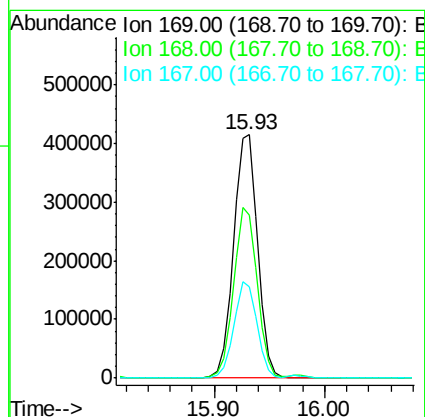
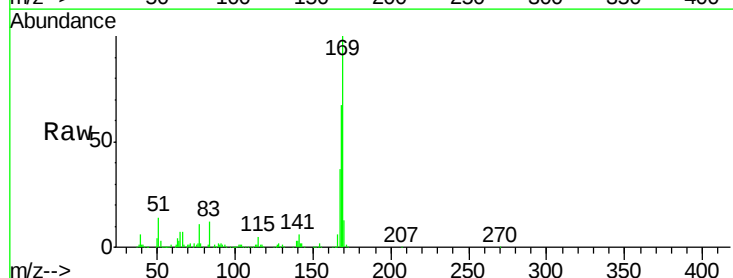
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

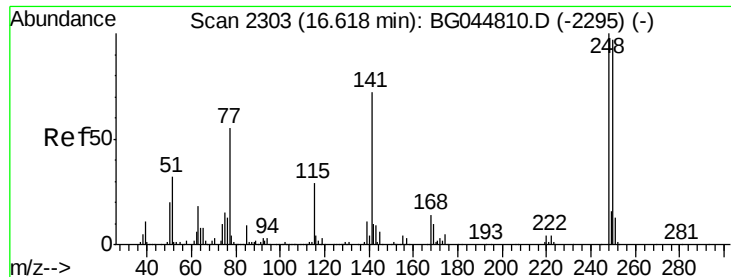
Tgt Ion:198 Resp: 139556
 Ion Ratio Lower Upper
 198 100
 51 40.4 21.1 61.1
 105 41.5 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 38.04 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion:169 Resp: 633772
 Ion Ratio Lower Upper
 169 100
 168 66.9 55.4 83.2
 167 37.3 30.1 45.1

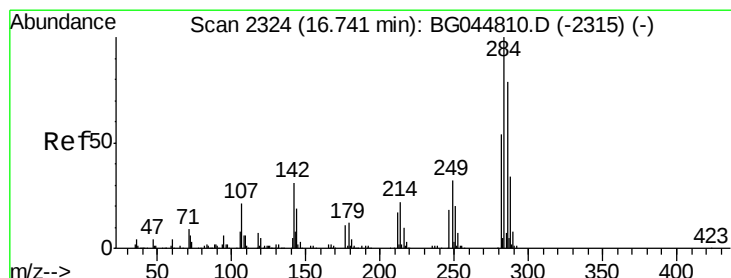
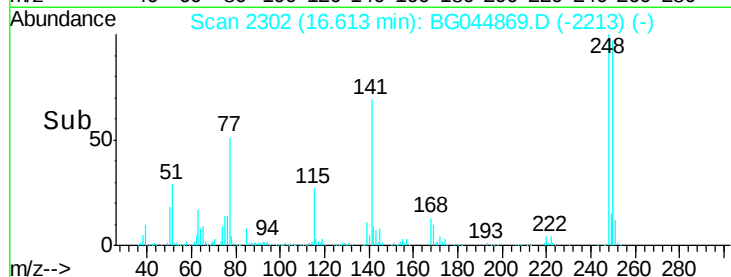
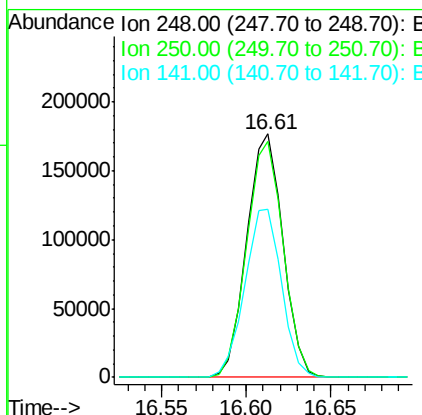
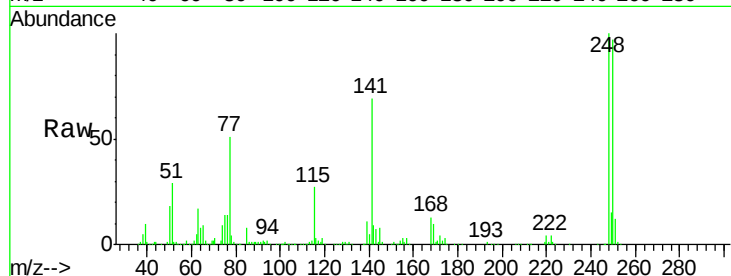




#67
4-Bromophenyl-phenylether
Concen: 37.93 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

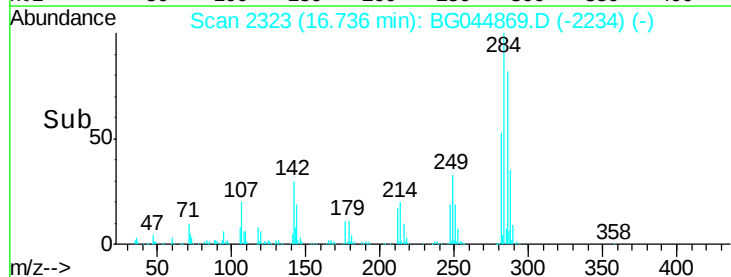
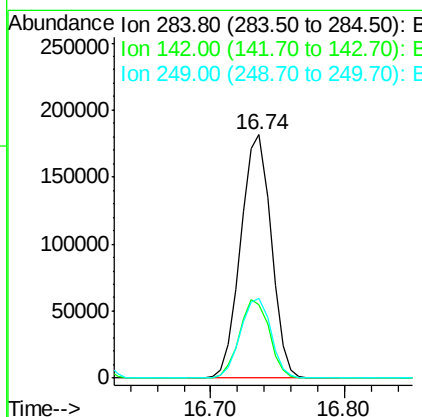
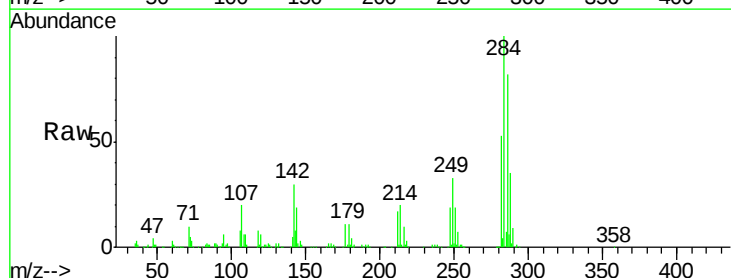
Instrument :
BNA_G
ClientSampleId :
PB127635BS

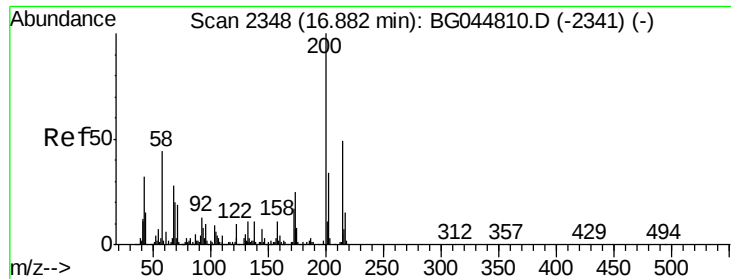
Tgt Ion:248 Resp: 262392
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 69.0 57.5 86.3



#68
Hexachlorobenzene
Concen: 38.14 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion:284 Resp: 286270
Ion Ratio Lower Upper
284 100
142 30.0 25.0 37.6
249 32.9 25.8 38.8





#69

Atrazine

Concen: 44.25 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

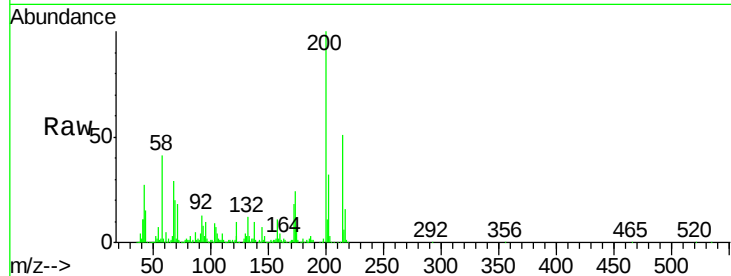
Tgt Ion:200 Resp: 270078

Ion Ratio Lower Upper

200 100

173 24.1 5.3 45.3

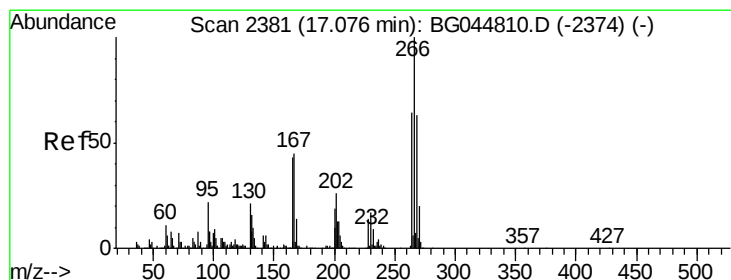
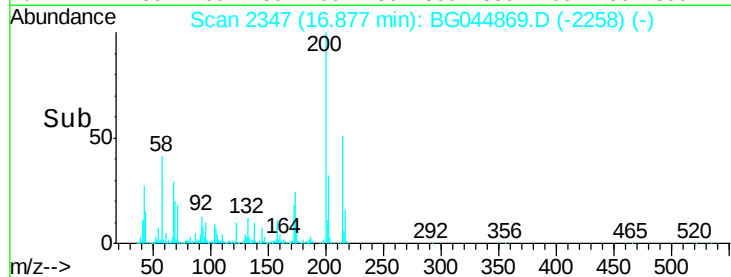
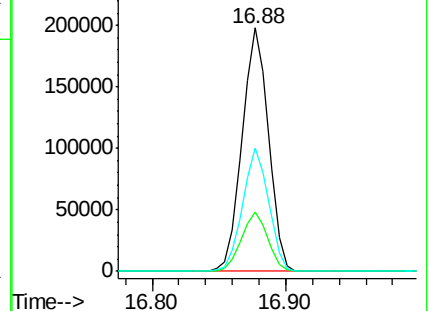
215 50.5 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 87.30 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

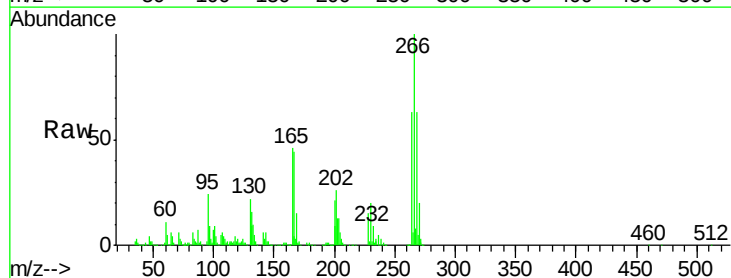
Tgt Ion:266 Resp: 360505

Ion Ratio Lower Upper

266 100

268 63.3 50.3 75.5

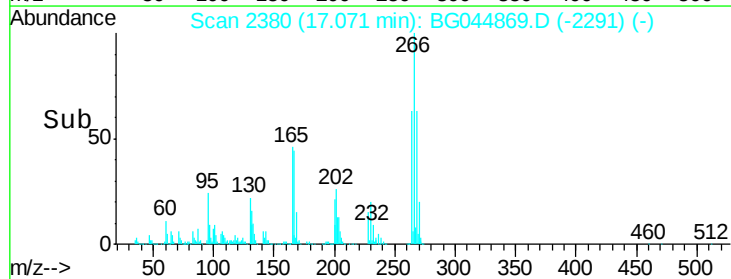
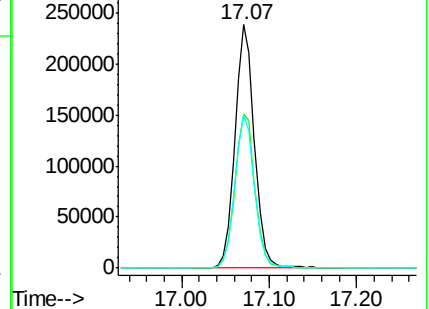
264 62.9 51.4 77.2

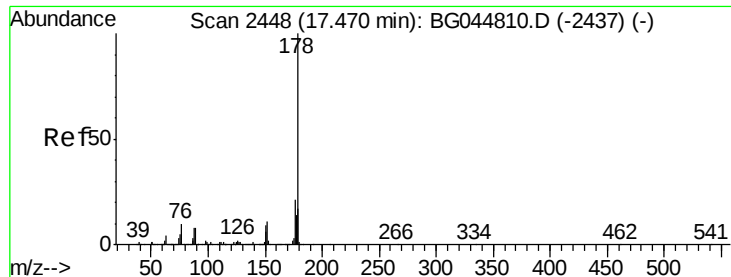


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.94 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

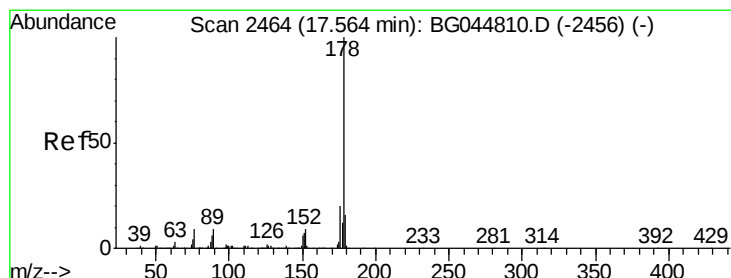
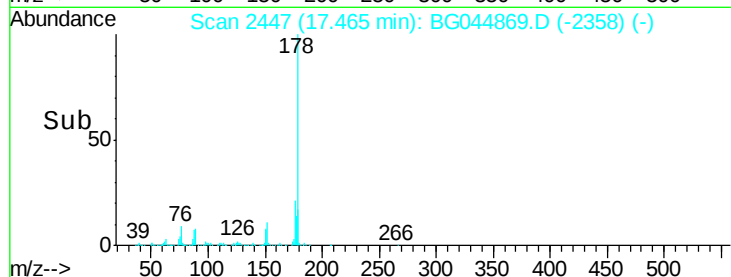
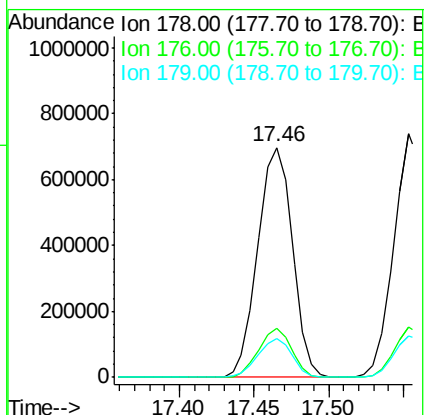
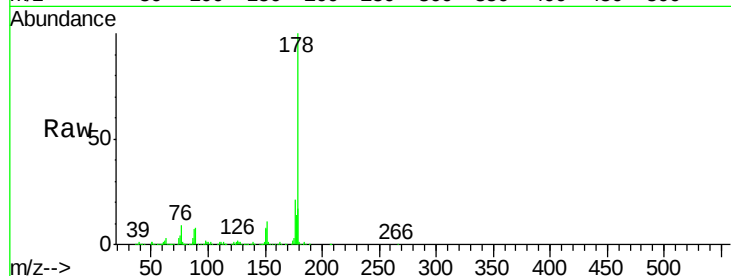
Tgt Ion:178 Resp: 1122087

Ion Ratio Lower Upper

178 100

176 21.2 16.6 24.8

179 17.1 13.5 20.3



#72

Anthracene

Concen: 39.10 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

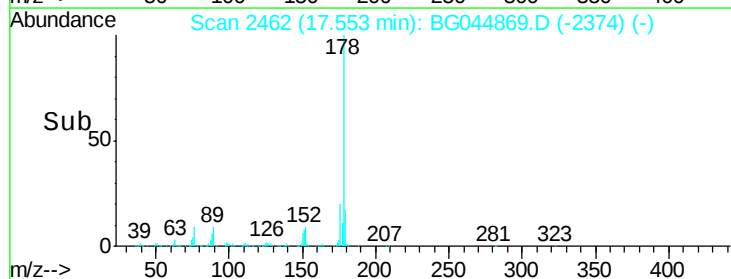
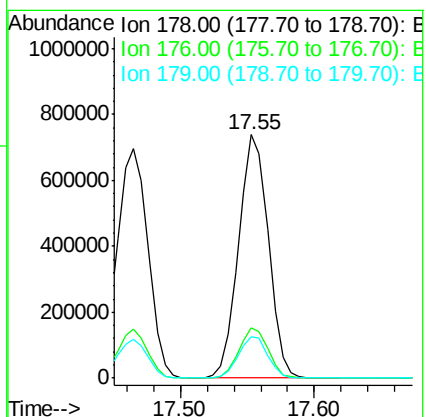
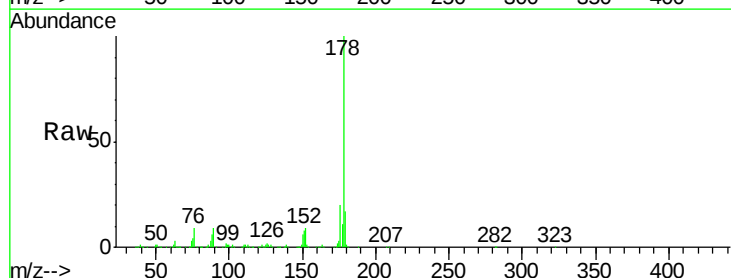
Tgt Ion:178 Resp: 1140162

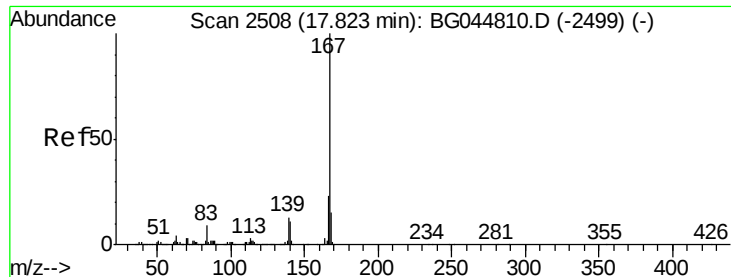
Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

179 16.8 13.2 19.8

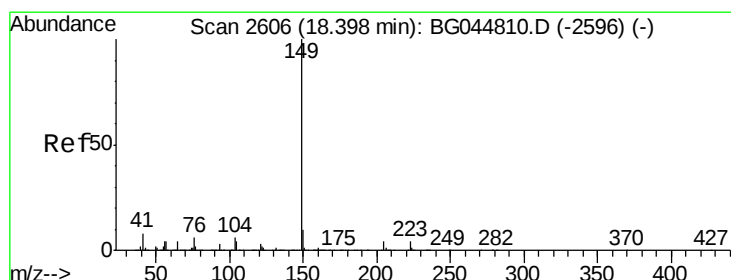
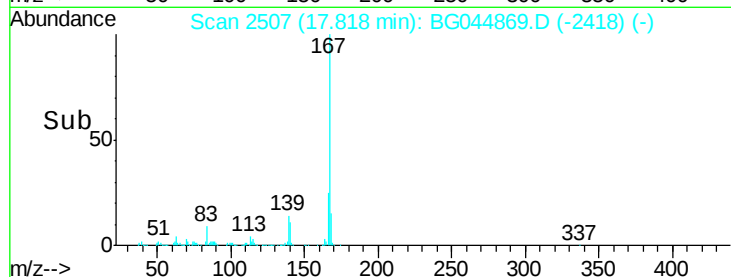
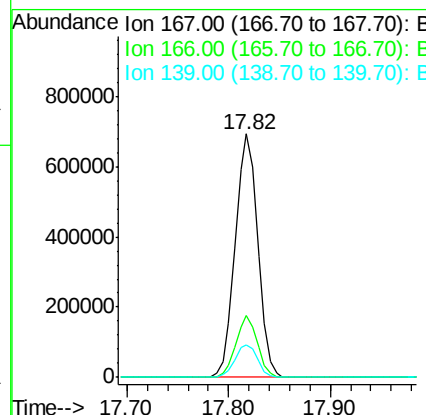
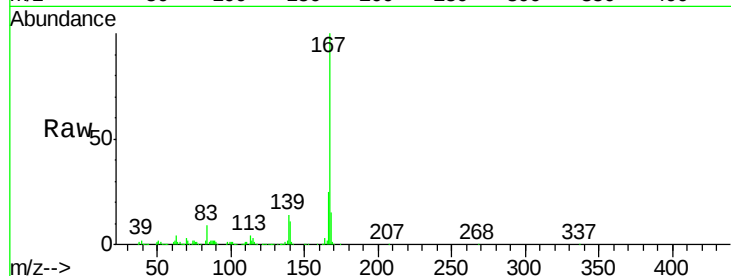




#73
 Carbazole
 Concen: 38.18 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

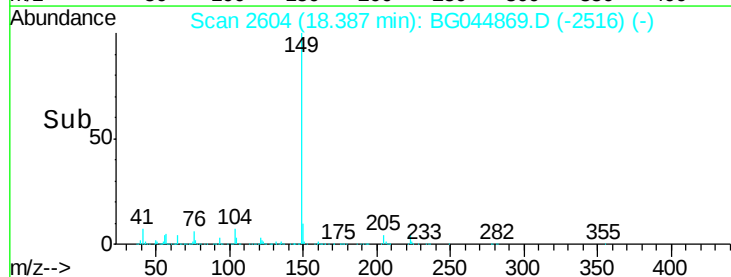
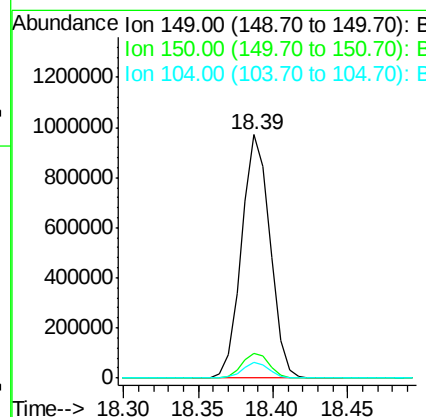
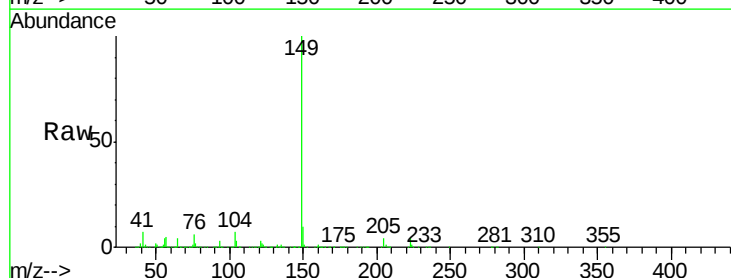
Instrument :
 BNA_G
 ClientSampleId :
 PB127635BS

Tgt Ion:167 Resp: 1069501
 Ion Ratio Lower Upper
 167 100
 166 25.4 18.8 28.2
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.71 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044869.D
 Acq: 18 Mar 2020 18:32

Tgt Ion:149 Resp: 1284103
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 6.7 5.0 7.4





#75

Fluoranthene

Concen: 39.96 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

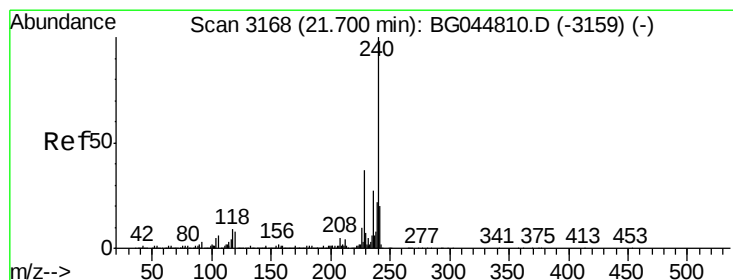
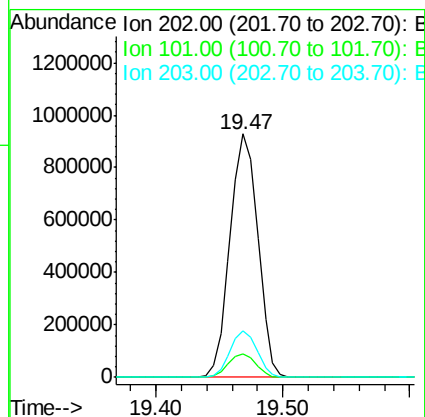
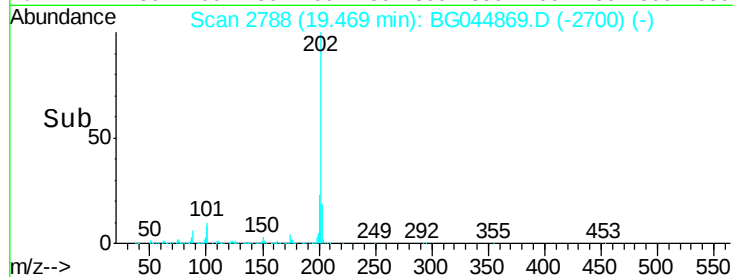
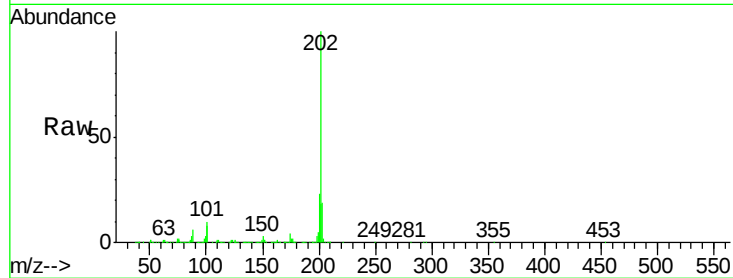
Tgt Ion:202 Resp: 1406971

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.8

203 19.2 0.0 39.4



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

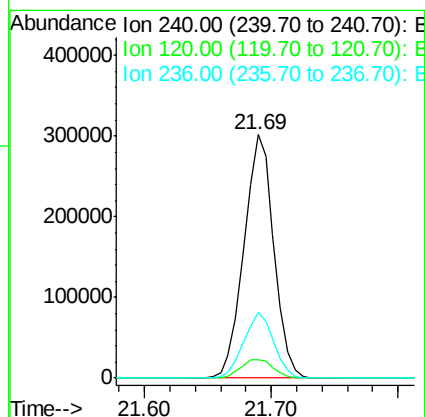
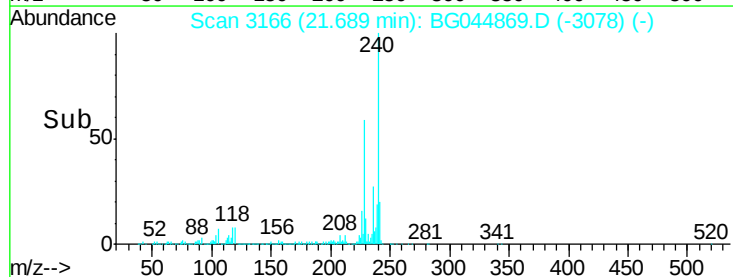
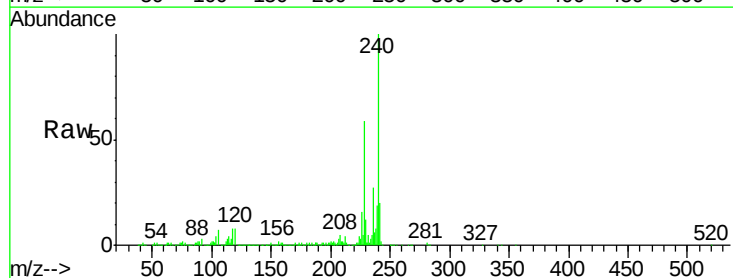
Tgt Ion:240 Resp: 491273

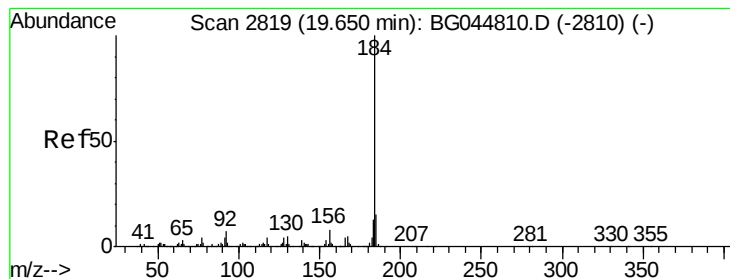
Ion Ratio Lower Upper

240 100

120 7.8 6.7 10.1

236 27.1 21.5 32.3





#77

Benzidine

Concen: 35.40 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

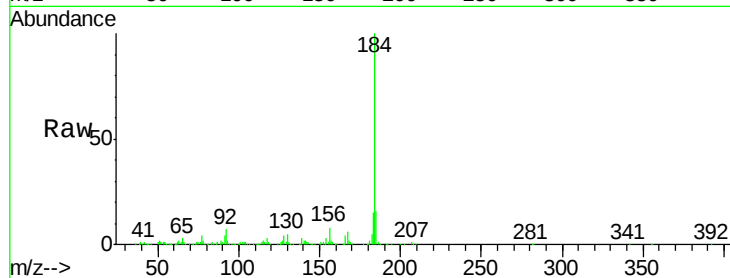
Tgt Ion:184 Resp: 564606

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.4

183 14.5 10.7 16.1

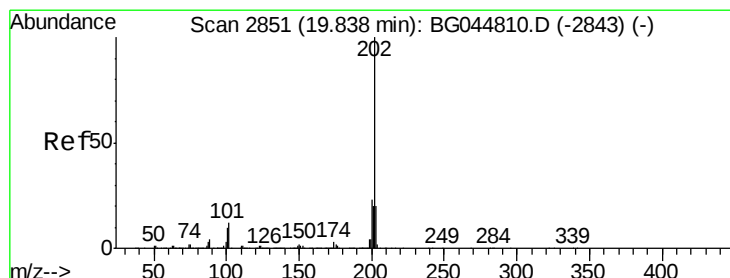
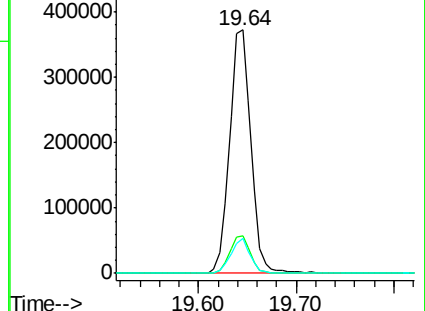
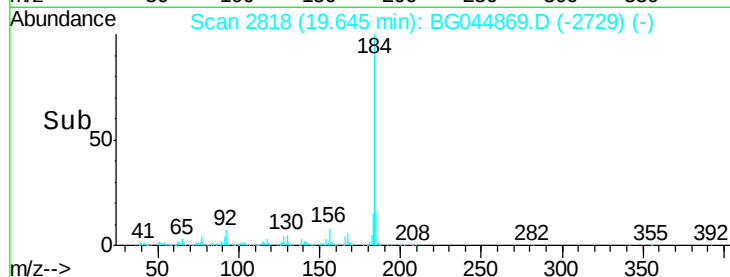


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.64



#78

Pyrene

Concen: 39.09 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

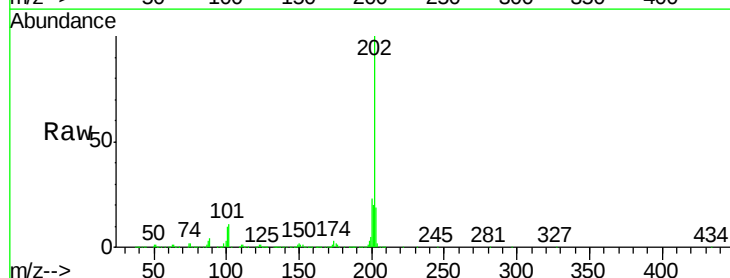
Tgt Ion:202 Resp: 1408935

Ion Ratio Lower Upper

202 100

200 22.6 18.3 27.5

203 19.4 15.6 23.4

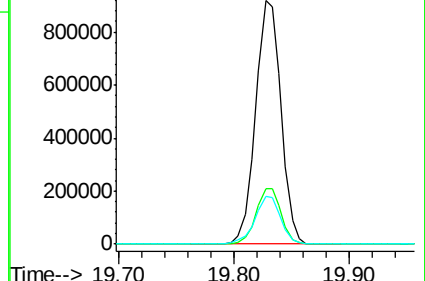
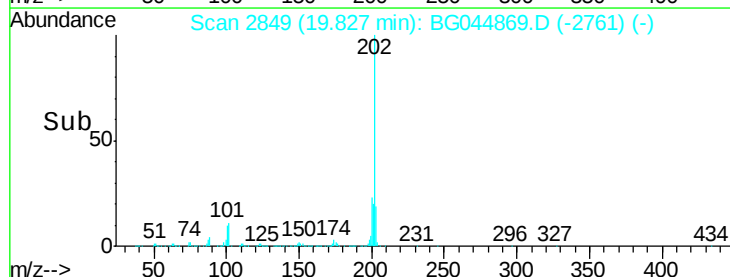


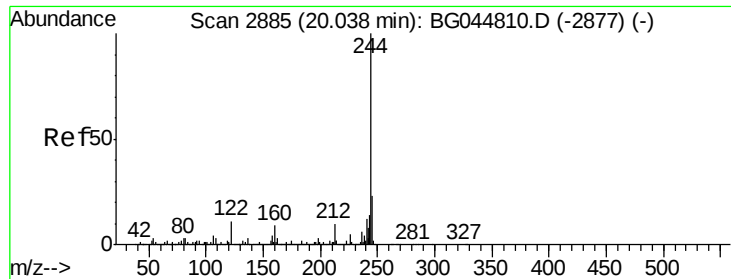
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.83





#79

Terphenyl-d14

Concen: 66.08 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

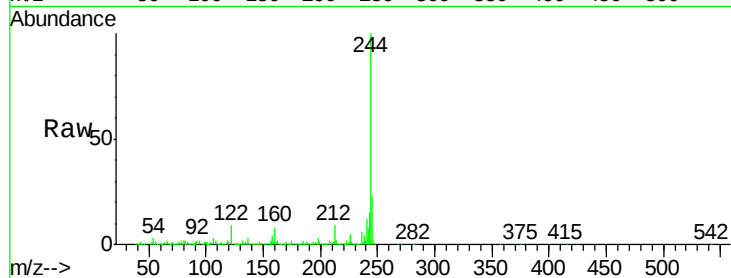
Tgt Ion:244 Resp: 1735422

Ion Ratio Lower Upper

244 100

212 9.1 7.7 11.5

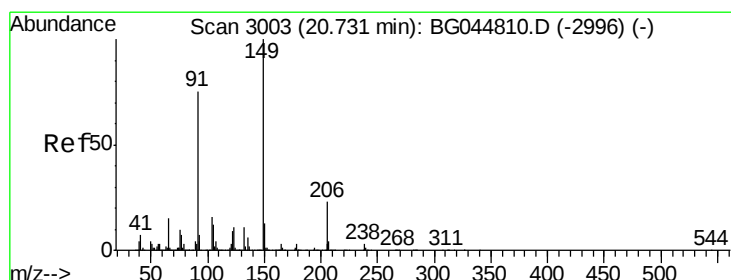
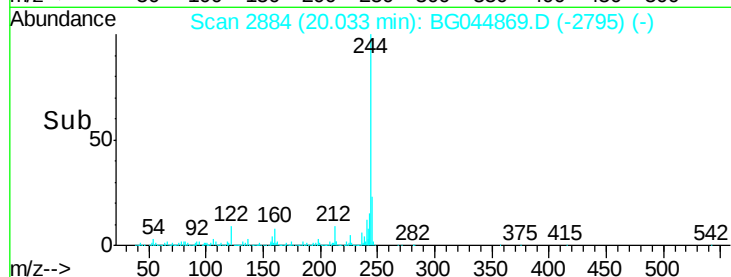
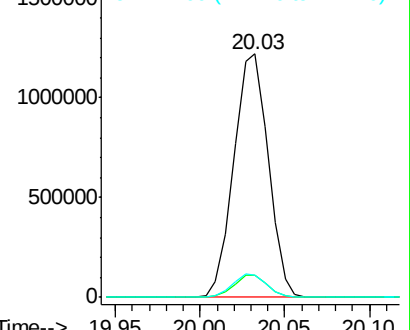
122 9.0 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.83 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

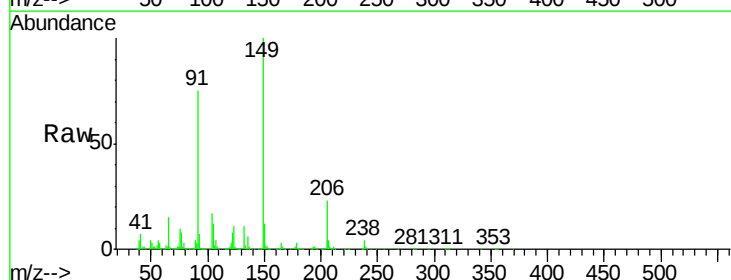
Tgt Ion:149 Resp: 606627

Ion Ratio Lower Upper

149 100

91 74.6 60.2 90.4

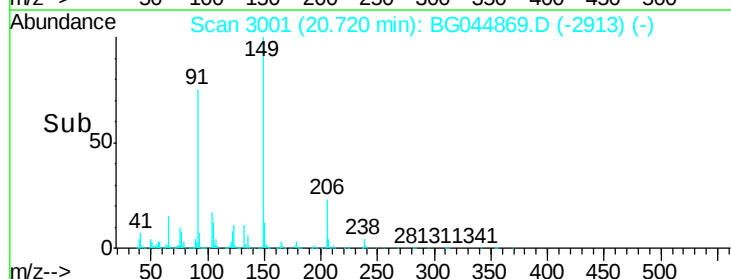
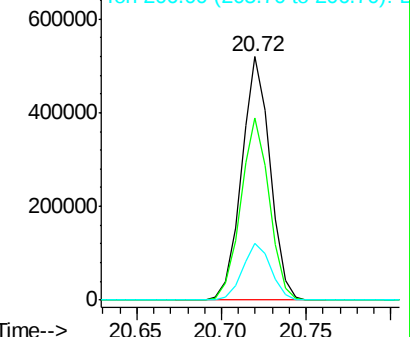
206 23.1 18.6 27.8

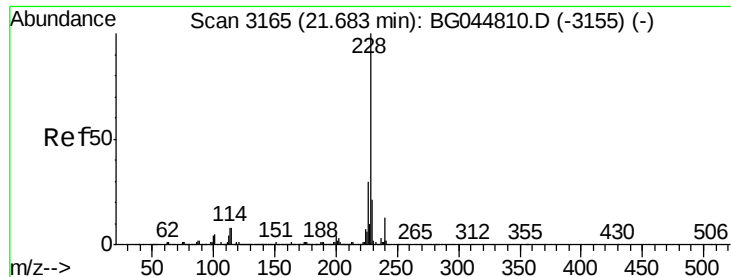


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.12 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

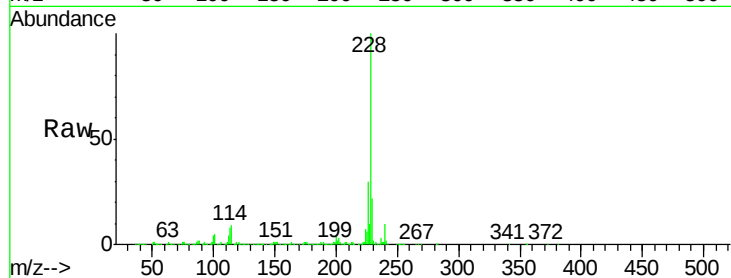
Tgt Ion:228 Resp: 1383991

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

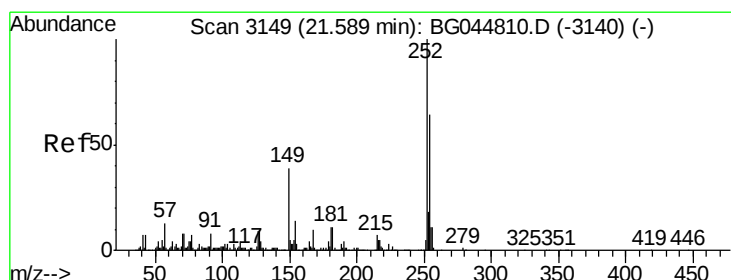
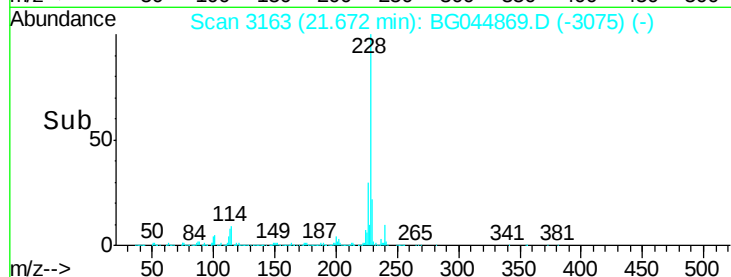
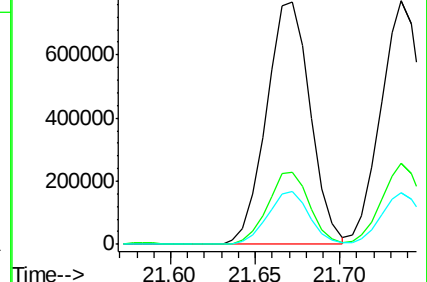
229 22.0 17.1 25.7



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: 33.15 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

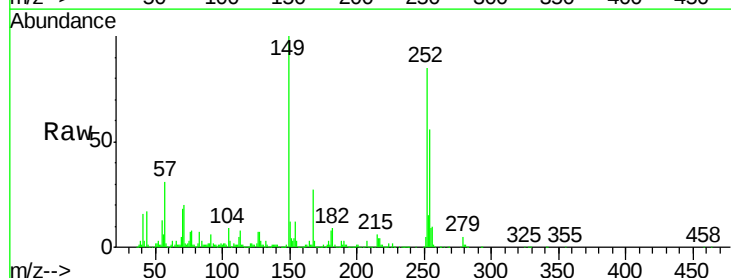
Tgt Ion:252 Resp: 453628

Ion Ratio Lower Upper

252 100

254 65.9 51.6 77.4

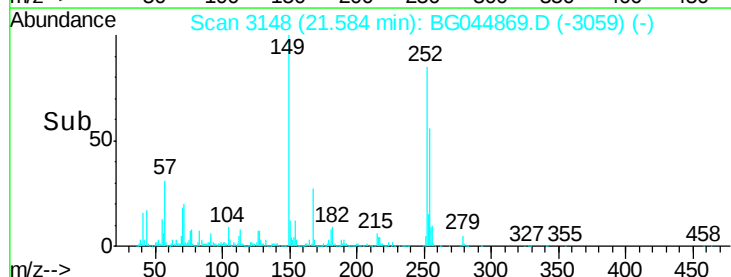
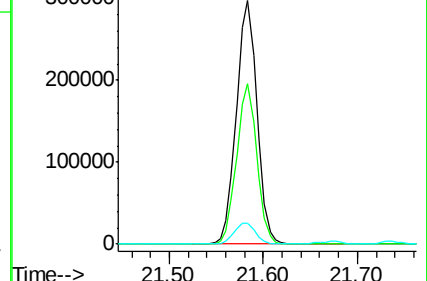
126 8.6 7.0 10.6

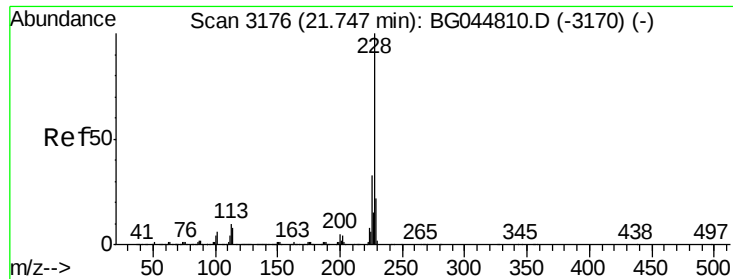


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.77 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

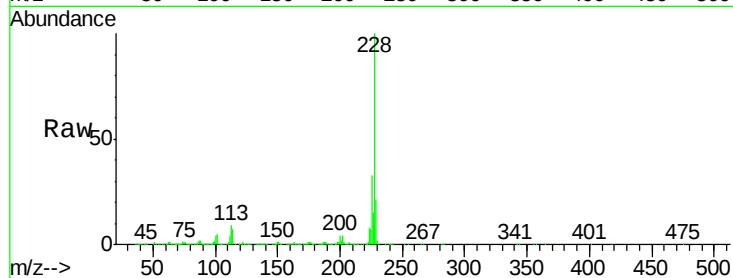
Tgt Ion:228 Resp: 1310138

Ion Ratio Lower Upper

228 100

226 33.1 25.9 38.9

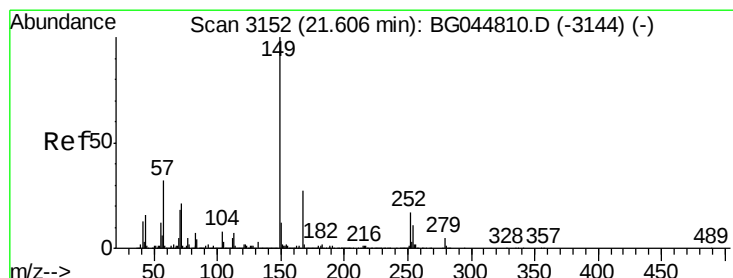
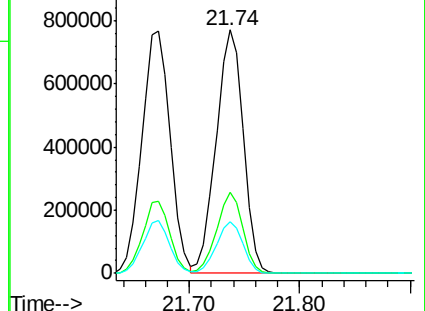
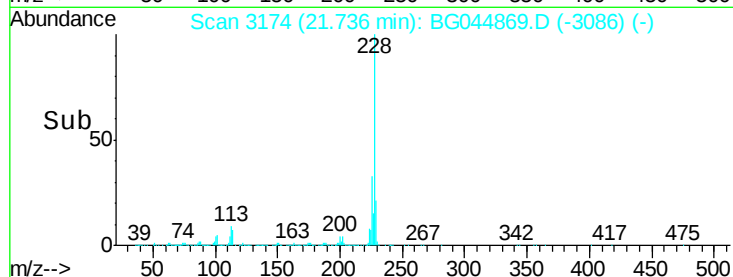
229 21.3 17.4 26.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.86 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

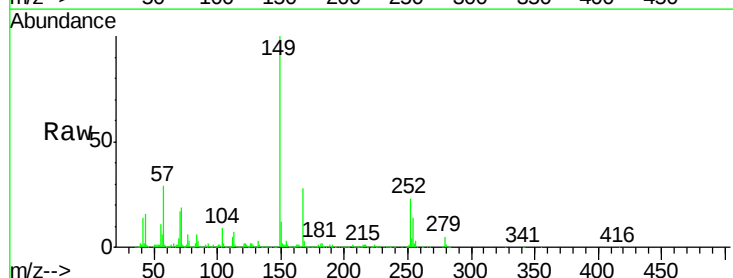
Tgt Ion:149 Resp: 837914

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

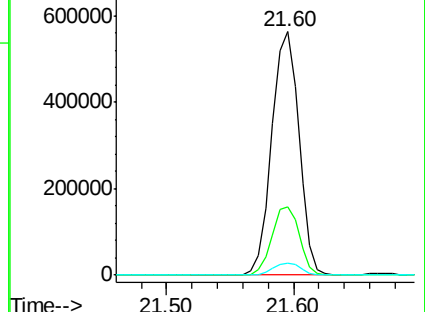
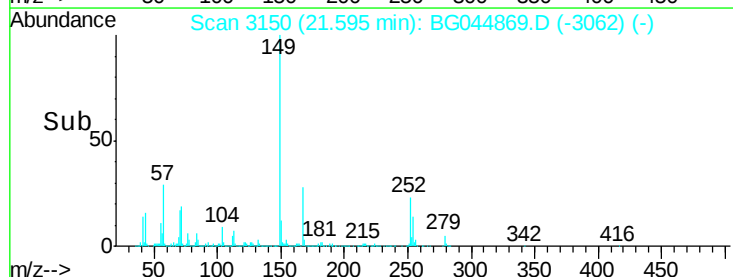
279 5.0 3.8 5.6

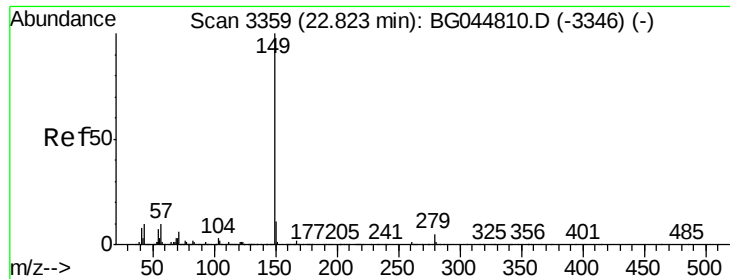


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

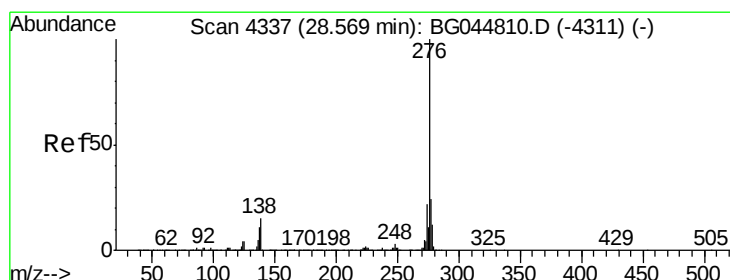
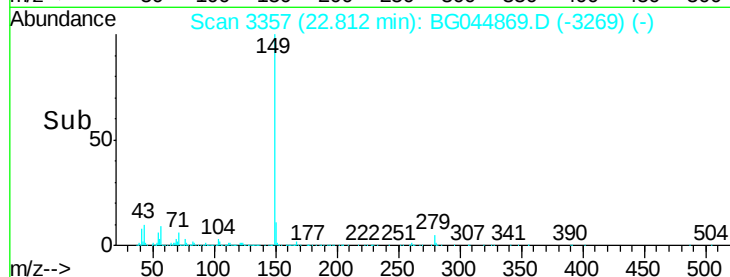
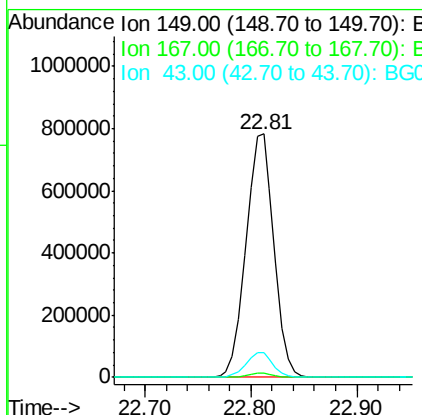
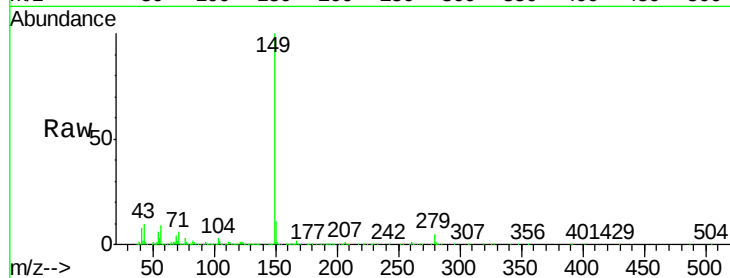




#85
Di-n-octyl phthalate
Concen: 38.68 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

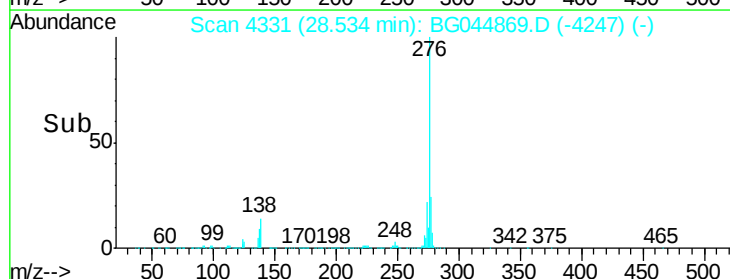
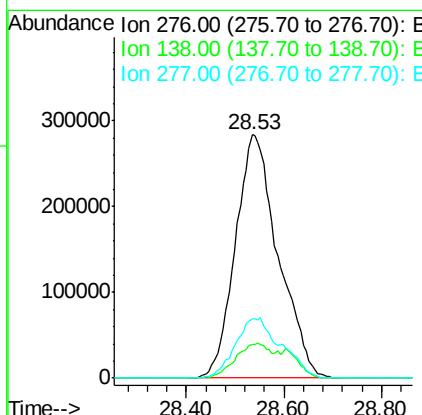
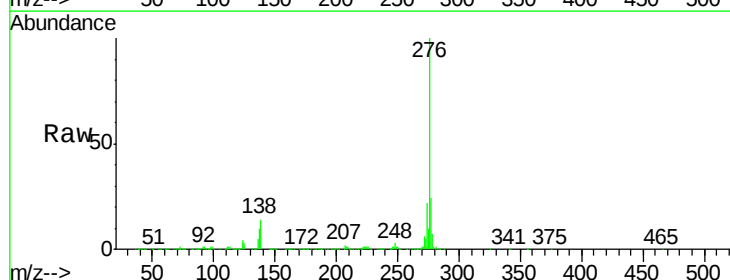
Instrument :
BNA_G
ClientSampleId :
PB127635BS

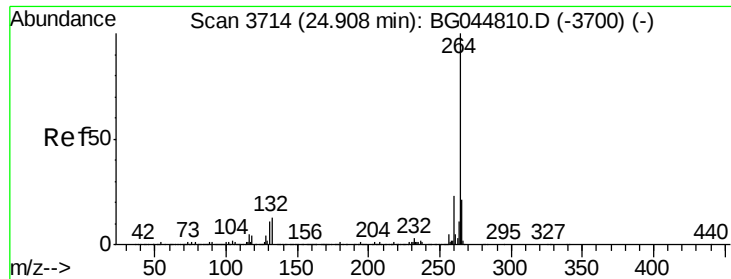
Tgt Ion:149 Resp: 1432241
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.9 8.2 12.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 28.53 min Scan# 4331
Delta R.T. -0.03 min
Lab File: BG044869.D
Acq: 18 Mar 2020 18:32

Tgt Ion:276 Resp: 1727604
Ion Ratio Lower Upper
276 100
138 11.8 7.4 11.0#
277 26.4 20.8 31.2





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

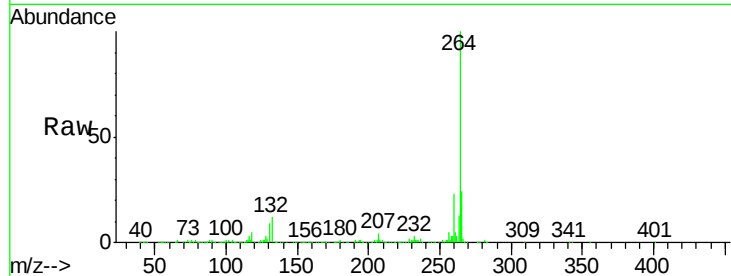
Tgt Ion:264 Resp: 544247

Ion Ratio Lower Upper

264 100

260 23.0 18.1 27.1

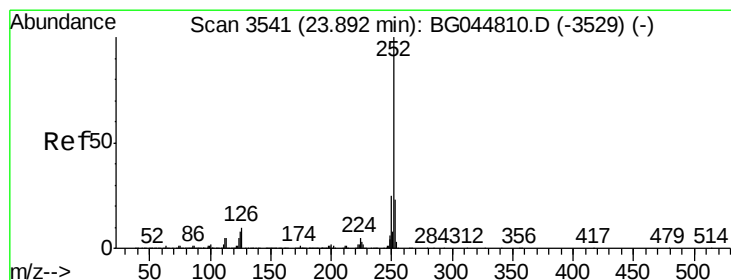
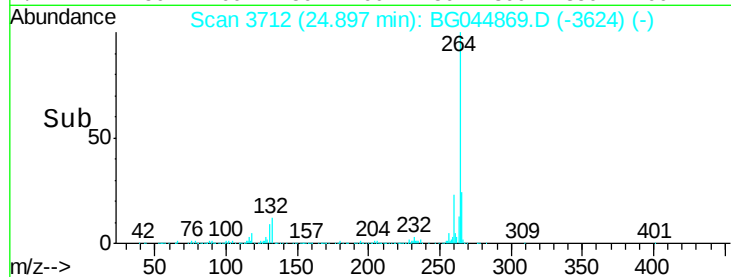
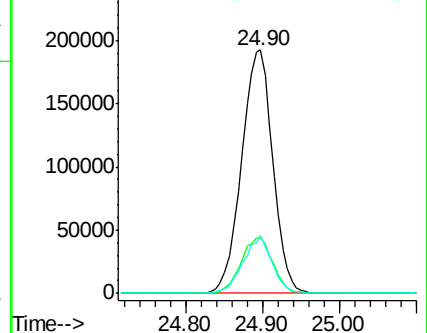
265 24.0 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.28 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

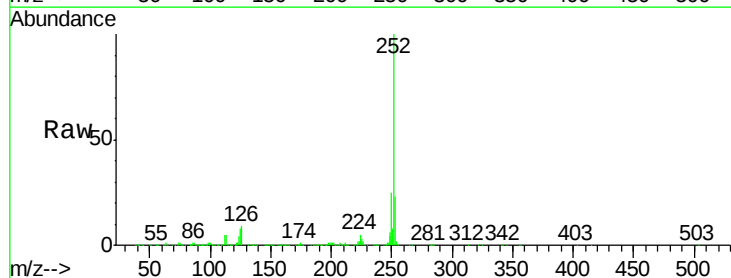
Tgt Ion:252 Resp: 1483134

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

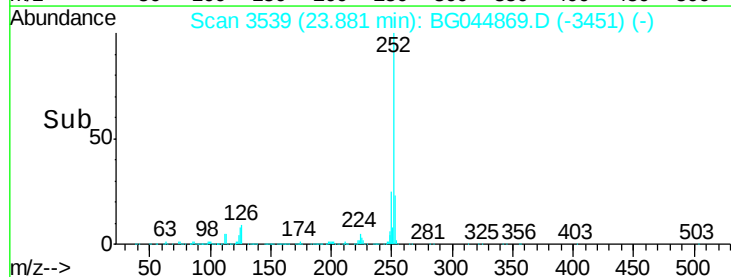
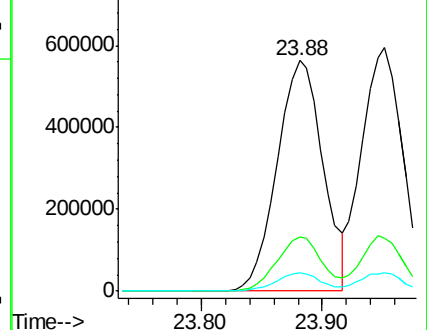
125 8.1 6.6 9.8

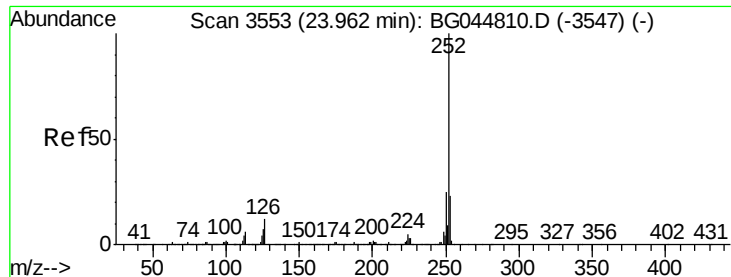


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.99 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

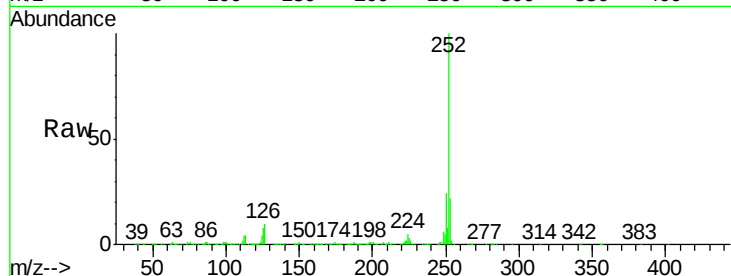
Tgt Ion:252 Resp: 1393781

Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

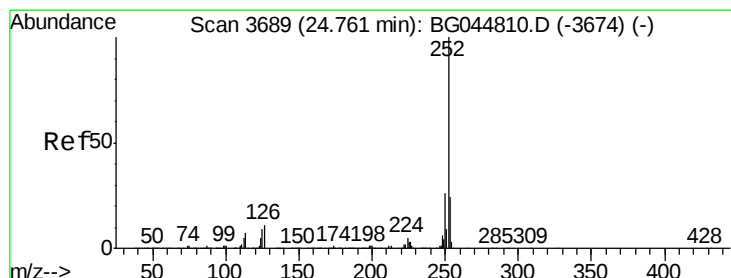
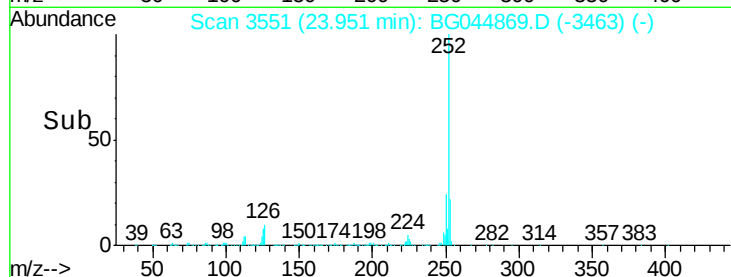
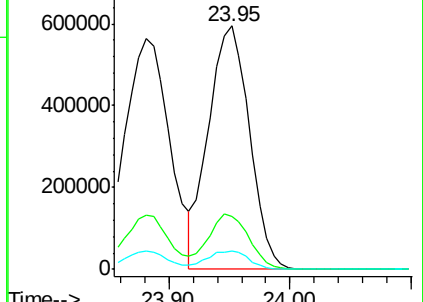
125 7.7 6.2 9.2



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: 39.88 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

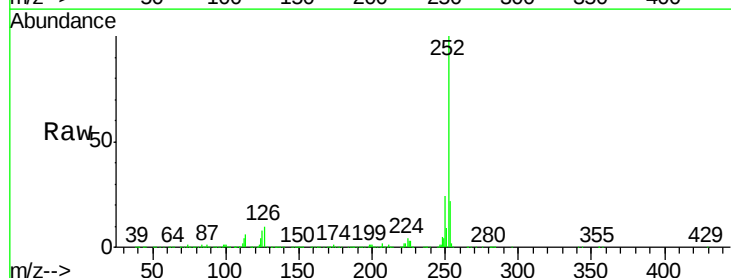
Tgt Ion:252 Resp: 1340874

Ion Ratio Lower Upper

252 100

253 21.7 19.4 29.0

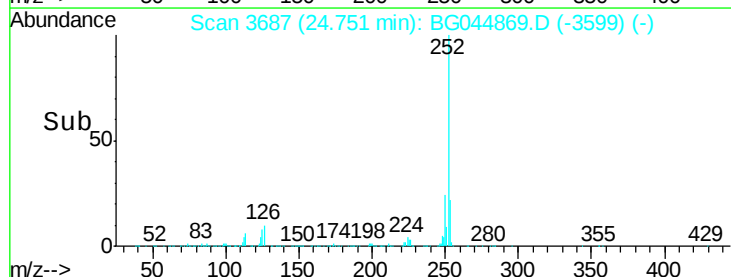
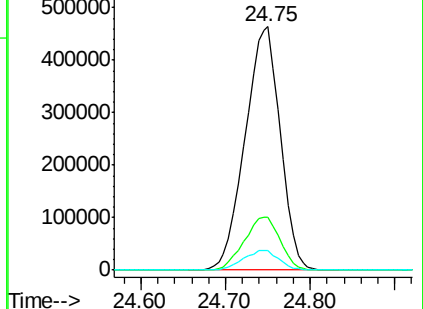
125 8.2 7.2 10.8

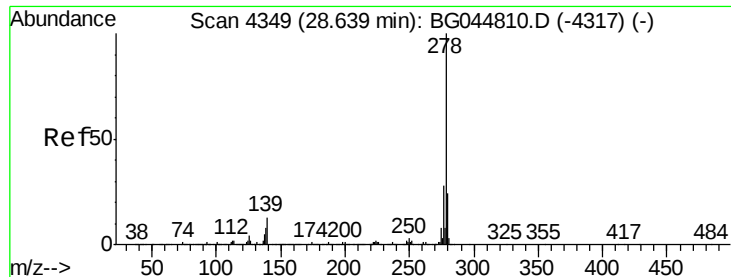


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.26 ng

RT: 28.61 min Scan# 4344

Delta R.T. -0.03 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

Instrument :

BNA_G

ClientSampleId :

PB127635BS

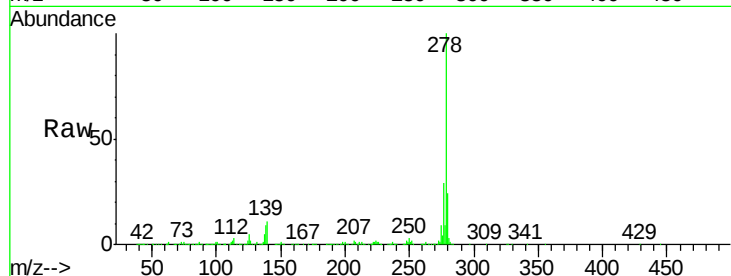
Tgt Ion:278 Resp: 1401579

Ion Ratio Lower Upper

278 100

139 11.2 10.2 15.2

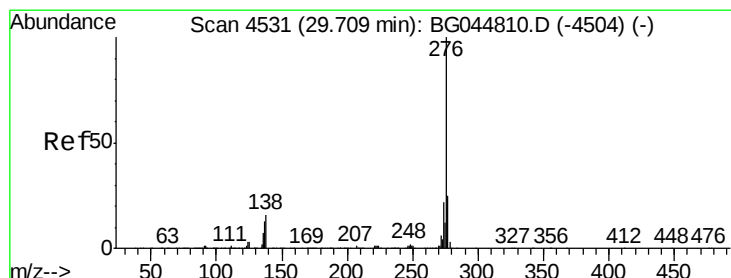
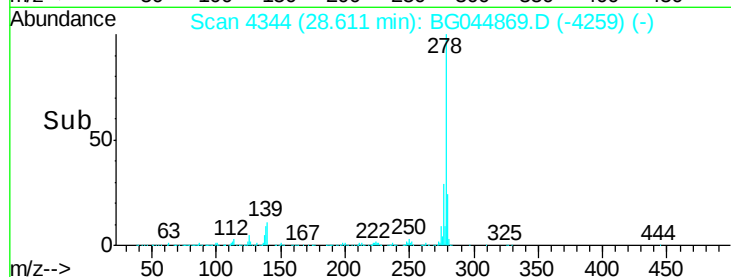
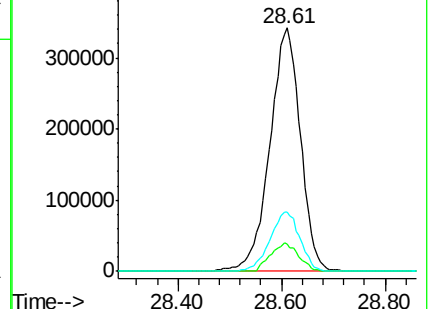
279 24.3 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.02 ng

RT: 29.68 min Scan# 4526

Delta R.T. -0.03 min

Lab File: BG044869.D

Acq: 18 Mar 2020 18:32

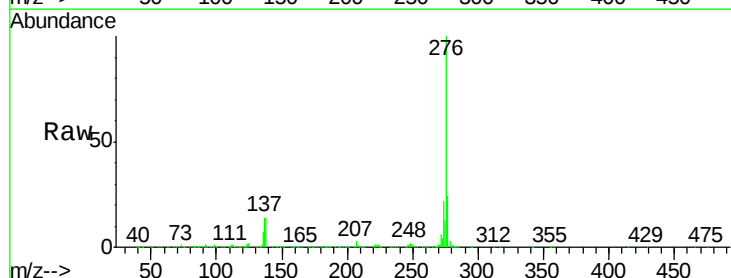
Tgt Ion:276 Resp: 1441532

Ion Ratio Lower Upper

276 100

277 24.2 20.1 30.1

138 14.4 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

