

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
 Data File : BG044920.D
 Acq On : 20 Mar 2020 15:15
 Operator : CG/JU
 Sample : PB127705BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

Quant Time: Mar 21 00:42:11 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	83055	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	320915	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	220451	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	504243	20.00	ng	0.00
76) Chrysene-d12	21.69	240	498935	20.00	ng	-0.01
87) Perylene-d12	24.89	264	560269	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	405123	75.93	ng	0.00
7) Phenol-d6	7.20	99	570902	73.65	ng	0.00
23) Nitrobenzene-d5	9.20	82	514691	70.38	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	246797	85.50	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1115850	72.48	ng	0.00
79) Terphenyl-d14	20.03	244	1894953	71.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	75633	29.44	ng	99
3) Pyridine	3.90	79	192588	25.32	ng	95
4) n-Nitrosodimethylamine	3.82	42	105588	36.59	ng	100
6) Aniline	7.36	93	227038	23.54	ng	97
8) 2-Chlorophenol	7.61	128	223379	41.94	ng	96
9) Benzaldehyde	7.17	77	166260	33.66	ng	95
10) Phenol	7.23	94	296834	38.68	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	210738	34.41	ng	97
12) 1,3-Dichlorobenzene	7.93	146	235534	35.90	ng	98
13) 1,4-Dichlorobenzene	8.08	146	236166	36.41	ng	97
14) 1,2-Dichlorobenzene	8.40	146	218916	35.59	ng	97
15) Benzyl Alcohol	8.28	79	228282	36.70	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	311517	28.82	ng	99
17) 2-Methylphenol	8.48	107	206763	39.77	ng	95
18) Hexachloroethane	9.13	117	91105	35.68	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	176249	32.20	ng	99
20) 3+4-Methylphenols	8.81	107	276414	38.57	ng	97
22) Acetophenone	8.86	105	326021	35.86	ng	# 98
24) Nitrobenzene	9.24	77	275934	36.36	ng	99
25) Isophorone	9.77	82	497824	34.88	ng	99
26) 2-Nitrophenol	9.96	139	119402	45.63	ng	95
27) 2,4-Dimethylphenol	10.01	122	207576	44.66	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	284430	33.39	ng	99
29) 2,4-Dichlorophenol	10.49	162	228797	42.14	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	234511	36.13	ng	97
31) Naphthalene	10.90	128	649548	36.54	ng	99
32) Benzoic acid	10.16	122	130418	38.43	ng	98
33) 4-Chloroaniline	11.00	127	124479	15.54	ng	96
34) Hexachlorobutadiene	11.20	225	158431	37.11	ng	97
35) Caprolactam	11.77	113	46660	22.70	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	253578	39.16	ng	97
37) 2-Methylnaphthalene	12.51	142	490453	36.88	ng	95
38) 1-Methylnaphthalene	12.72	142	466256	37.29	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	267361	36.83	ng	98

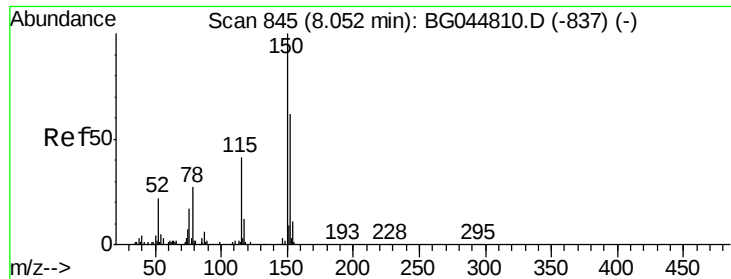
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
 Data File : BG044920.D
 Acq On : 20 Mar 2020 15:15
 Operator : CG/JU
 Sample : PB127705BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

Quant Time: Mar 21 00:42:11 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)
41) Hexachlorocyclopentadiene	12.86	237	359681	90.65	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	199479	41.40	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	214512	42.93	ng	97
46) 1,1'-Biphenyl	13.51	154	623196	35.38	ng	97
47) 2-Chloronaphthalene	13.55	162	475744	35.35	ng	98
48) 2-Nitroaniline	13.74	65	174791	37.10	ng	97
49) Acenaphthylene	14.40	152	803918	38.13	ng	98
50) Dimethylphthalate	14.13	163	650017	37.02	ng	99
51) 2,6-Dinitrotoluene	14.24	165	150279	42.46	ng	95
52) Acenaphthene	14.74	154	572845	41.49	ng	99
53) 3-Nitroaniline	14.57	138	83196	20.45	ng	# 91
54) 2,4-Dinitrophenol	14.77	184	161763	86.69	ng	94
55) Dibenzofuran	15.07	168	763190	38.12	ng	99
56) 4-Nitrophenol	14.87	139	261612	84.25	ng	95
57) 2,4-Dinitrotoluene	15.03	165	206965	42.64	ng	97
58) Fluorene	15.73	166	626317	38.03	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	202616	44.04	ng	96
60) Diethylphthalate	15.50	149	673958	36.80	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	334556	37.72	ng	97
62) 4-Nitroaniline	15.73	138	152071	35.05	ng	95
63) Azobenzene	16.01	77	666605	35.05	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	118686	49.69	ng	92
66) n-Nitrosodiphenylamine	15.93	169	573431	37.77	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	239786	38.04	ng	97
68) Hexachlorobenzene	16.74	284	262633	38.40	ng	97
69) Atrazine	16.88	200	230151	41.38	ng	98
70) Pentachlorophenol	17.07	266	321595	85.47	ng	100
71) Phenanthrene	17.46	178	1028799	38.18	ng	99
72) Anthracene	17.55	178	1059413	39.87	ng	100
73) Carbazole	17.82	167	987098	38.68	ng	100
74) Di-n-butylphthalate	18.39	149	1163474	37.50	ng	100
75) Fluoranthene	19.47	202	1309407	40.81	ng	99
77) Benzidine	19.64	184	536492	33.12	ng	98
78) Pyrene	19.83	202	1309575	35.78	ng	99
80) Butylbenzylphthalate	20.72	149	557463	34.23	ng	99
81) Benzo(a)anthracene	21.67	228	1288979	35.88	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	301546	21.70	ng	99
83) Chrysene	21.74	228	1204131	35.09	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	764087	34.00	ng	# 98
85) Di-n-octyl phthalate	22.81	149	1320549	35.11	ng	98
86) Indeno(1,2,3-cd)pyrene	28.54	276	1629328	36.21	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	1368121	36.99	ng	98
89) Benzo(k)fluoranthene	23.95	252	1311776	37.48	ng	99
90) Benzo(a)pyrene	24.74	252	1281031	37.01	ng	97
91) Dibenzo(a,h)anthracene	28.60	278	1334241	39.08	ng	96
92) Benzo(g,h,i)perylene	29.67	276	1352898	39.22	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: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

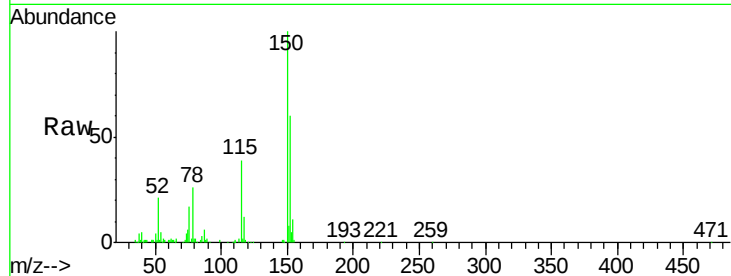
Tgt Ion:152 Resp: 83055

Ion Ratio Lower Upper

152 100

150 165.6 128.8 193.2

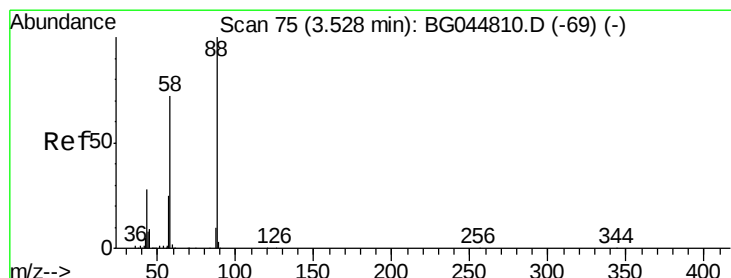
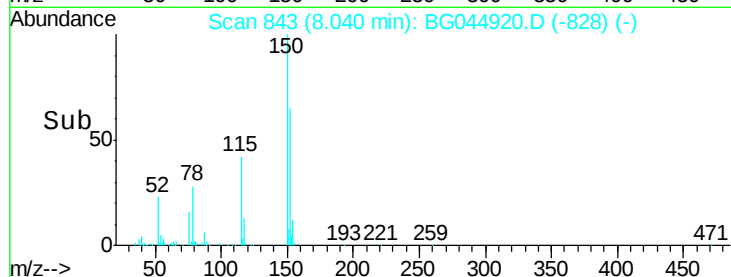
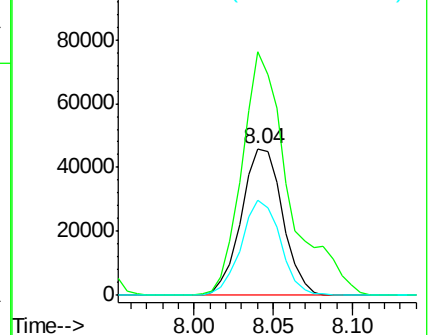
115 65.0 52.6 79.0



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: 29.44 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

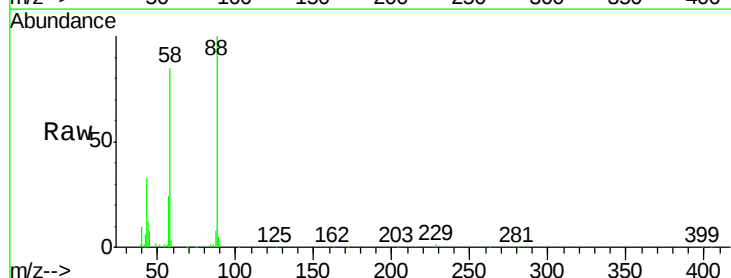
Tgt Ion: 88 Resp: 75633

Ion Ratio Lower Upper

88 100

58 77.2 63.0 94.4

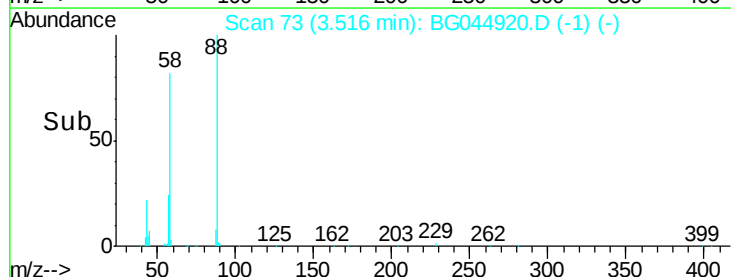
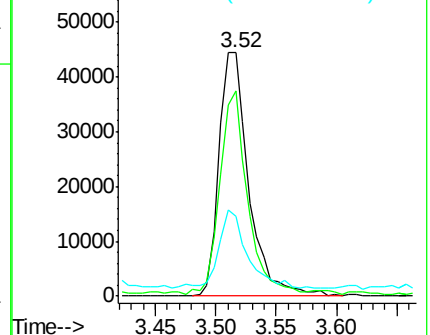
43 31.4 24.8 37.2

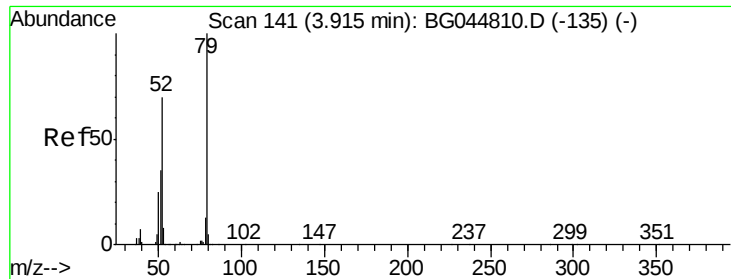


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 25.32 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

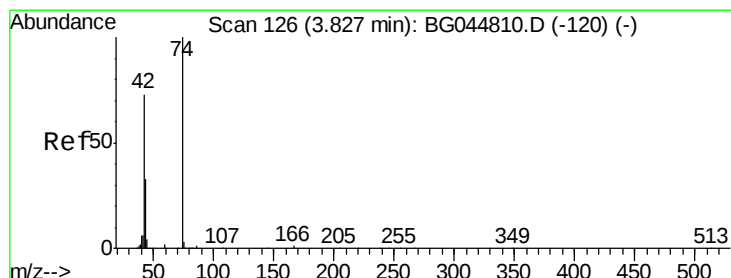
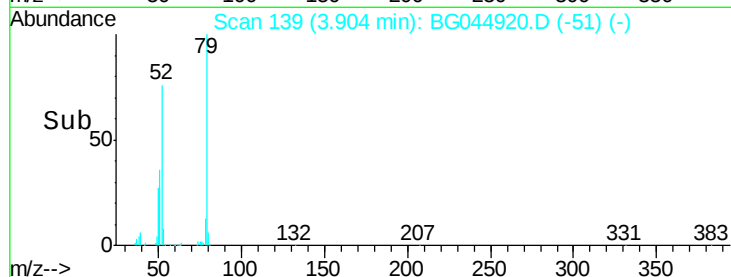
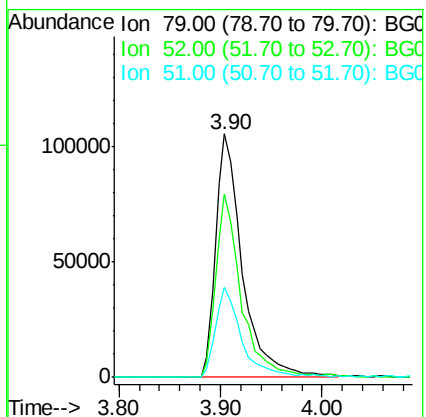
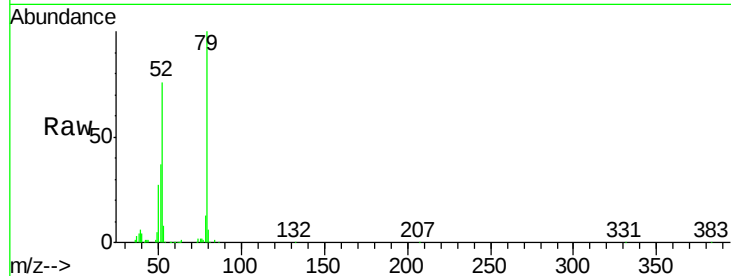
Tgt Ion: 79 Resp: 192588

Ion Ratio Lower Upper

79 100

52 75.6 56.3 84.5

51 36.9 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 36.59 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

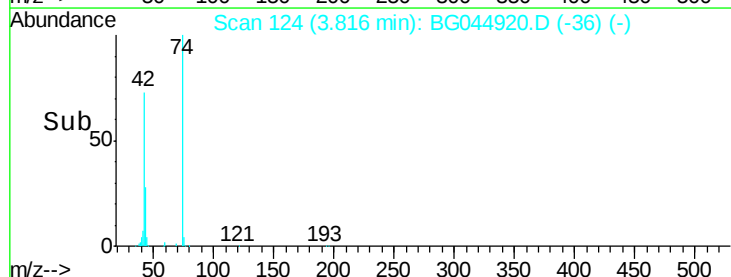
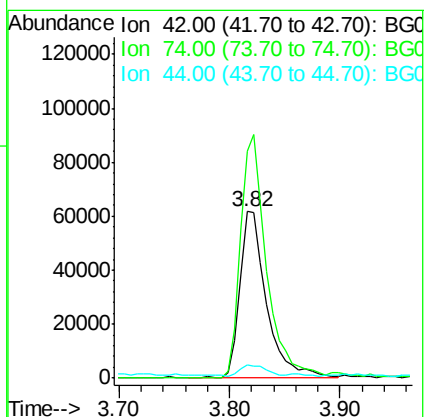
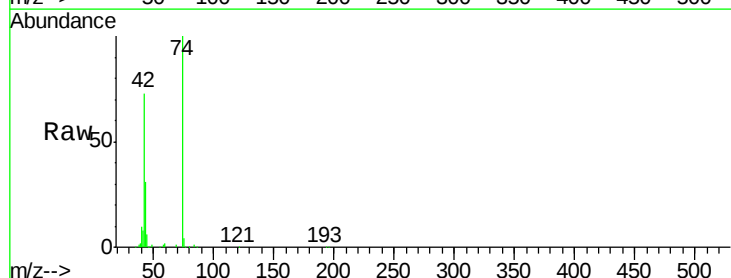
Tgt Ion: 42 Resp: 105588

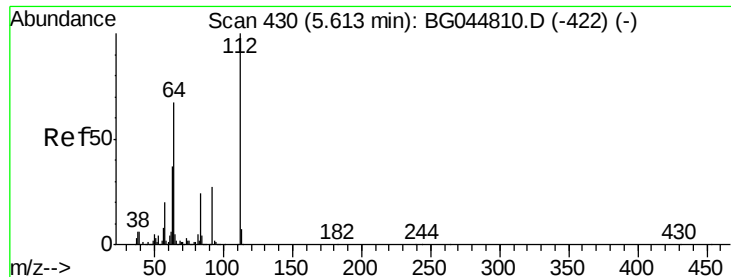
Ion Ratio Lower Upper

42 100

74 136.6 109.1 163.7

44 8.0 5.4 8.2





#5

2-Fluorophenol

Concen: 75.93 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

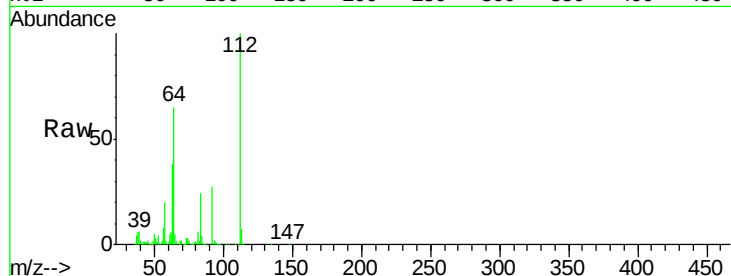
Tgt Ion: 112 Resp: 405123

Ion Ratio Lower Upper

112 100

64 64.8 53.4 80.2

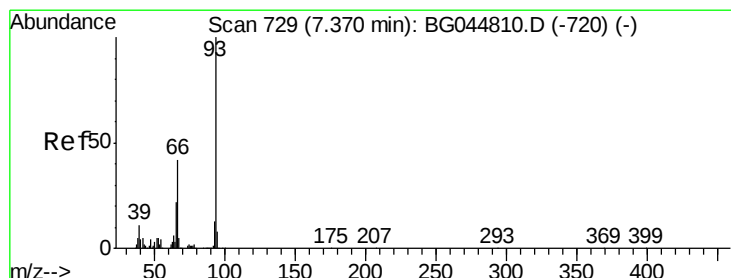
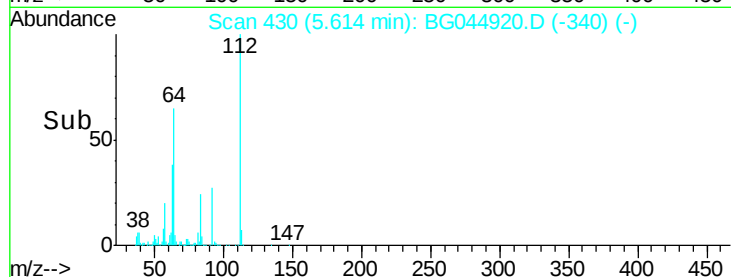
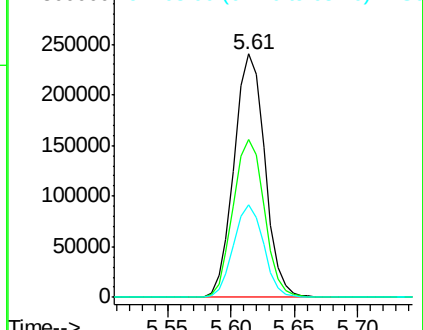
63 38.0 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 23.54 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

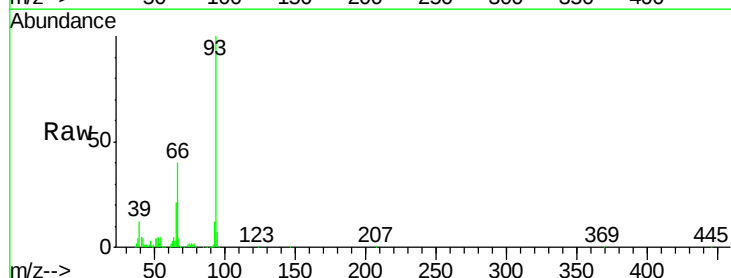
Tgt Ion: 93 Resp: 227038

Ion Ratio Lower Upper

93 100

66 40.1 33.7 50.5

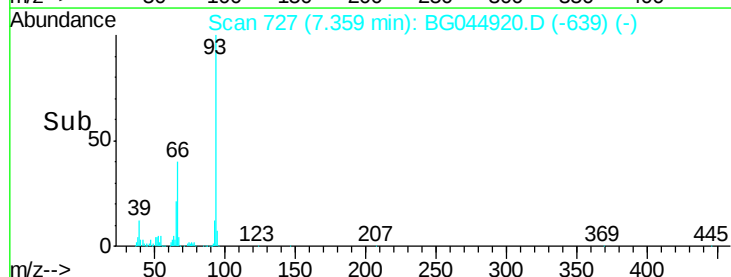
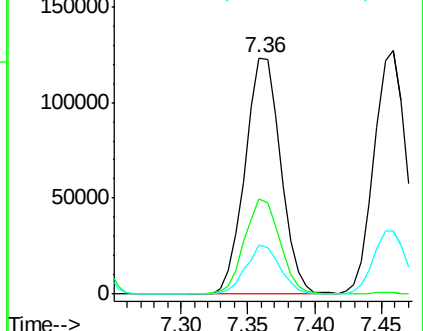
65 20.7 17.7 26.5

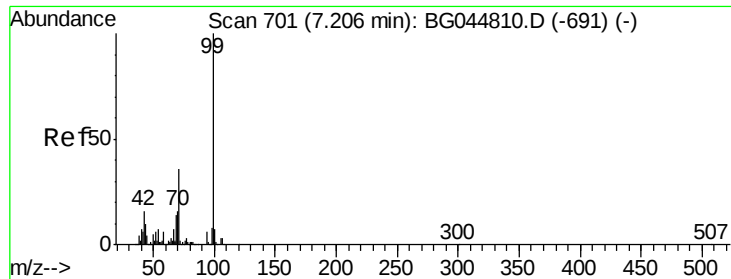


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 73.65 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

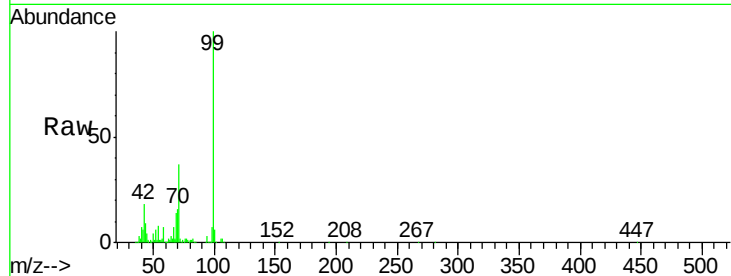
Tgt Ion: 99 Resp: 570902

Ion Ratio Lower Upper

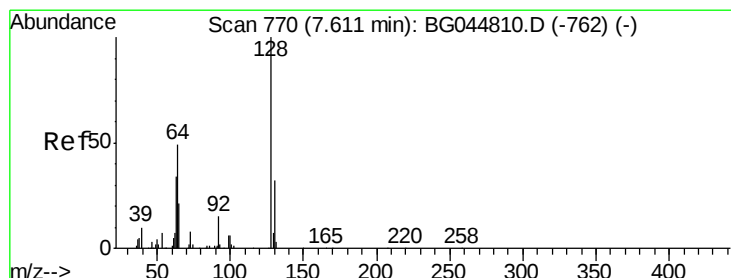
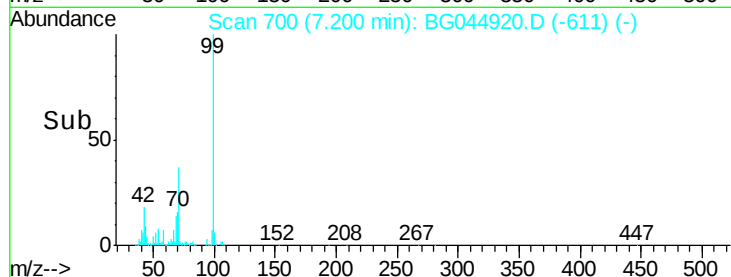
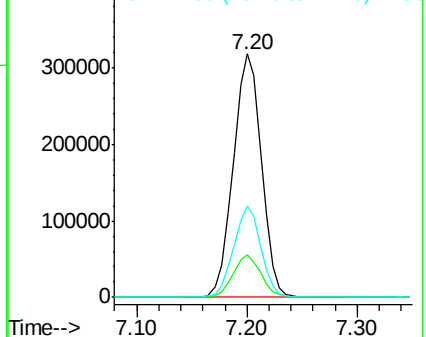
99 100

42 17.7 12.6 19.0

71 37.2 29.0 43.4



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



#8

2-Chlorophenol

Concen: 41.94 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

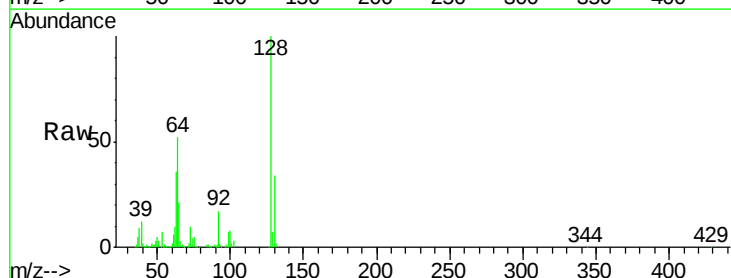
Tgt Ion: 128 Resp: 223379

Ion Ratio Lower Upper

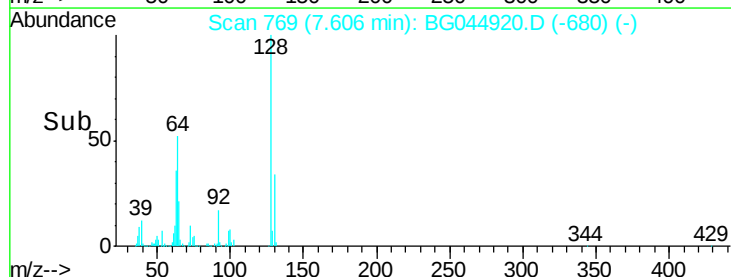
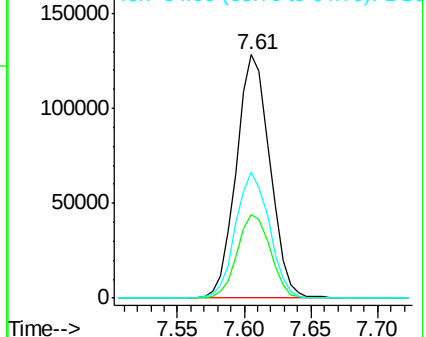
128 100

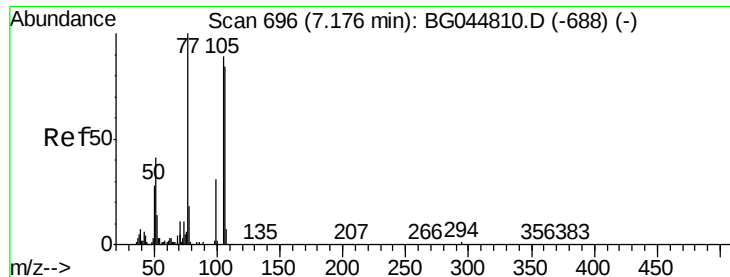
130 34.4 11.6 51.6

64 51.8 34.5 74.5



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





#9

Benzaldehyde

Concen: 33.66 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

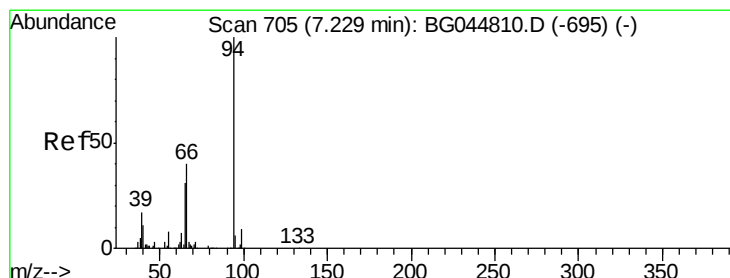
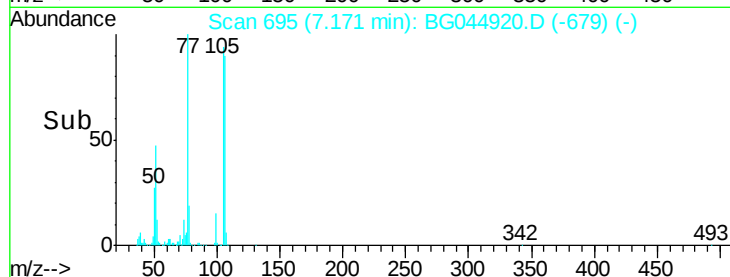
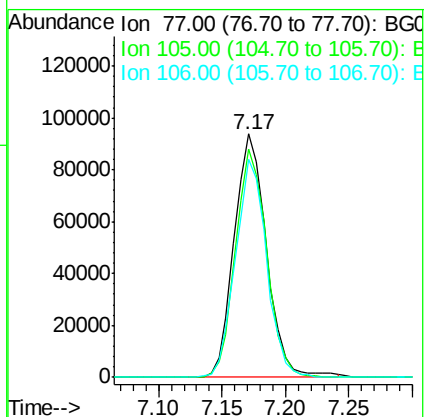
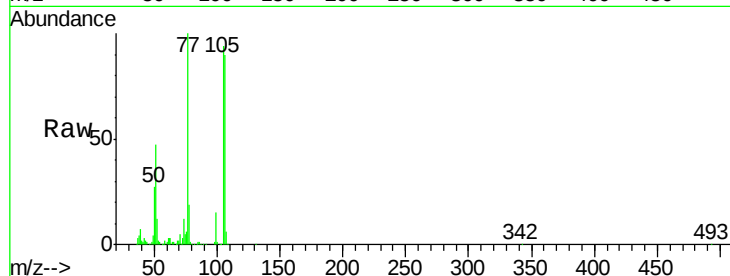
Tgt Ion: 77 Resp: 166260

Ion Ratio Lower Upper

77 100

105 93.7 69.3 109.3

106 89.6 64.5 104.5



#10

Phenol

Concen: 38.68 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

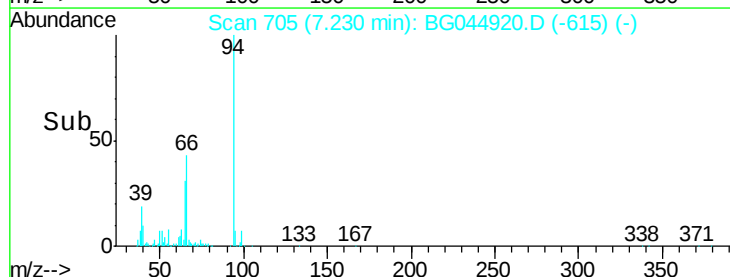
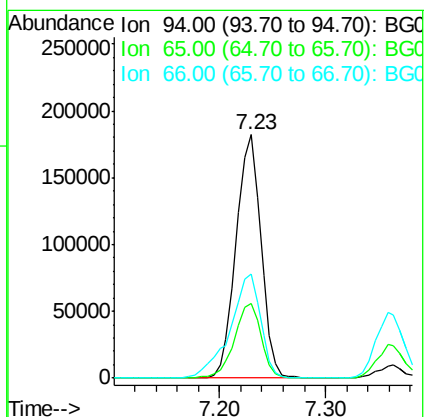
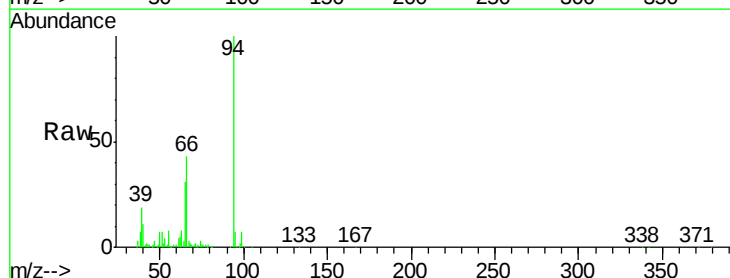
Tgt Ion: 94 Resp: 296834

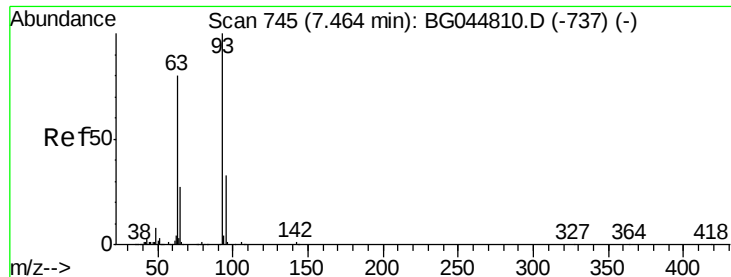
Ion Ratio Lower Upper

94 100

65 30.8 11.0 51.0

66 42.6 20.1 60.1

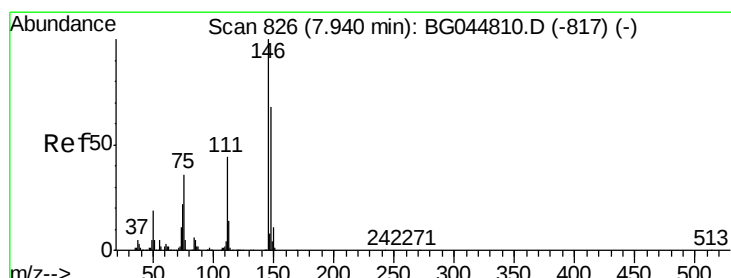
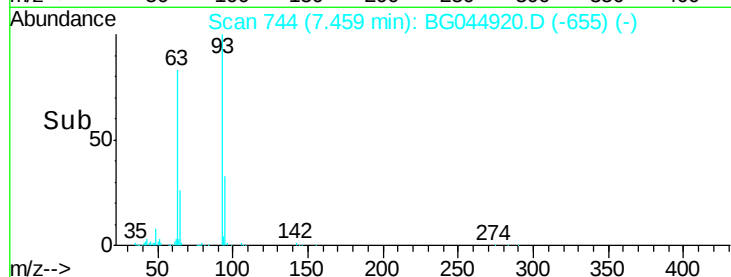
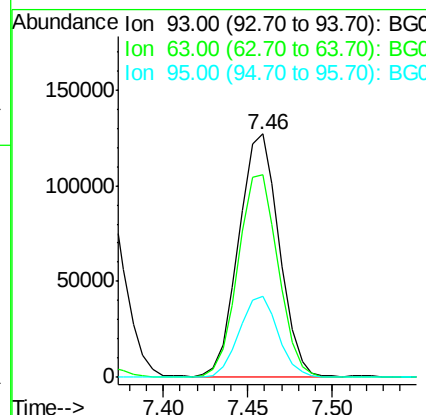
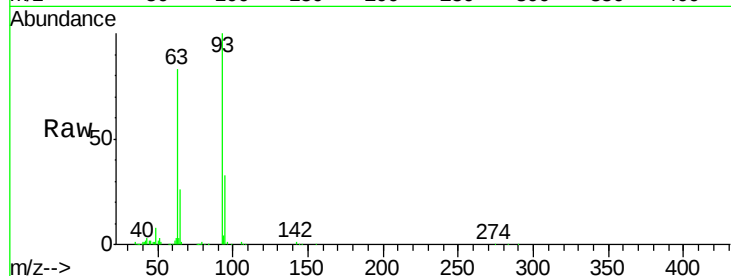




#11
bis(2-Chloroethyl)ether
Concen: 34.41 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

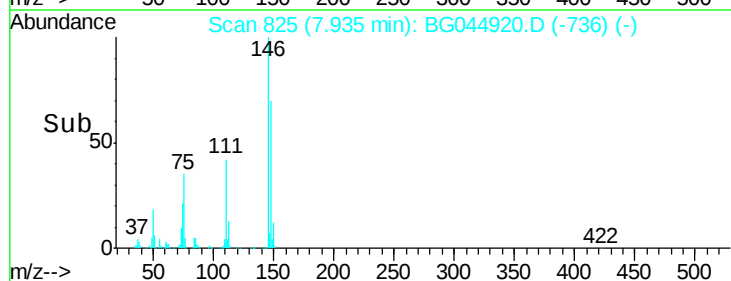
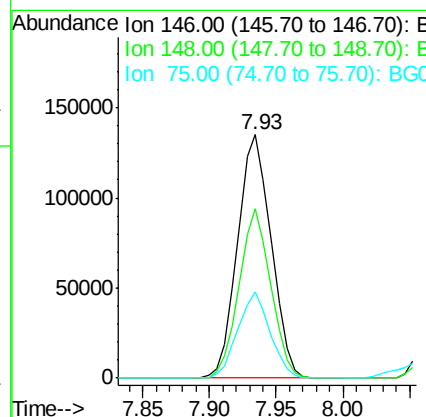
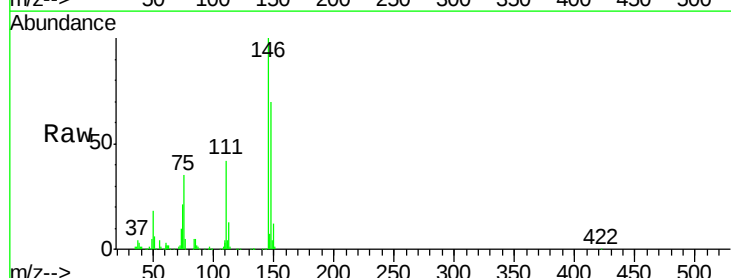
Instrument :
BNA_G
ClientSampleId :
PB127705BS

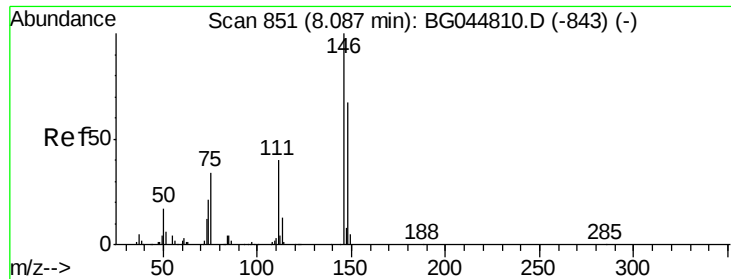
Tgt Ion: 93 Resp: 210738
Ion Ratio Lower Upper
93 100
63 83.0 59.7 99.7
95 33.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 35.90 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion: 146 Resp: 235534
Ion Ratio Lower Upper
146 100
148 69.6 54.2 81.4
75 35.4 28.6 42.8

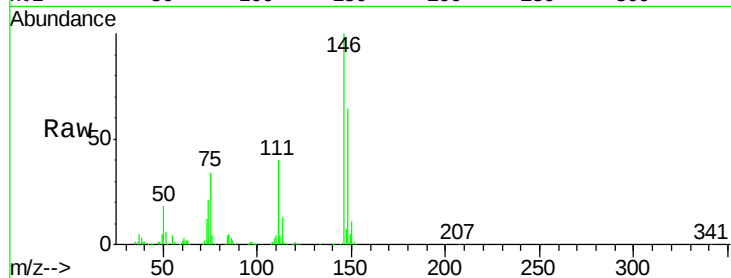




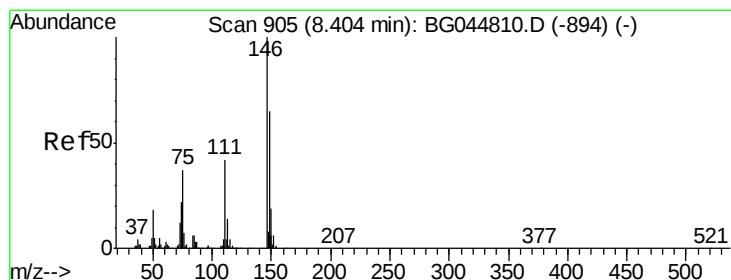
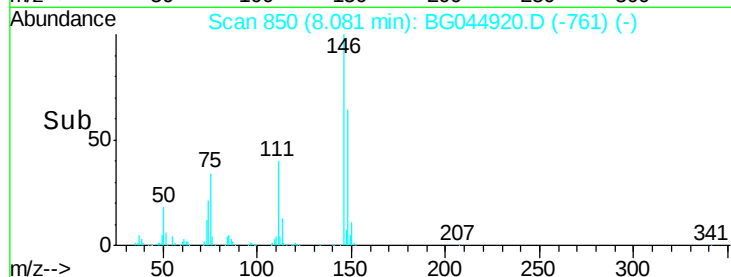
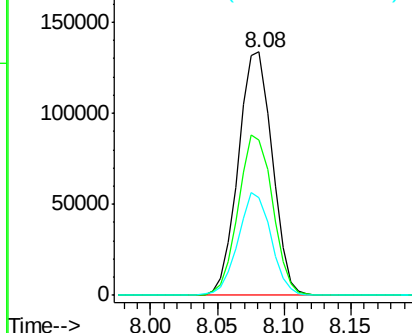
#13
 1,4-Dichlorobenzene
 Concen: 36.41 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

Tgt Ion:146 Resp: 236166
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.8 80.6
 111 40.0 32.0 48.0

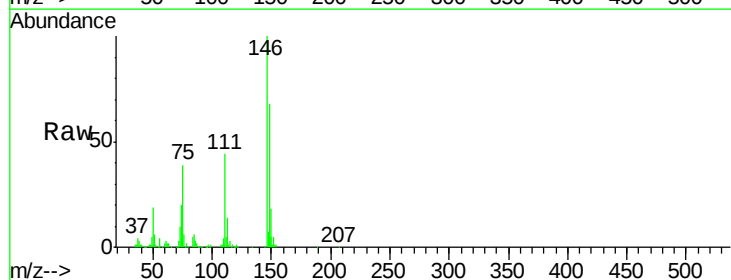


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

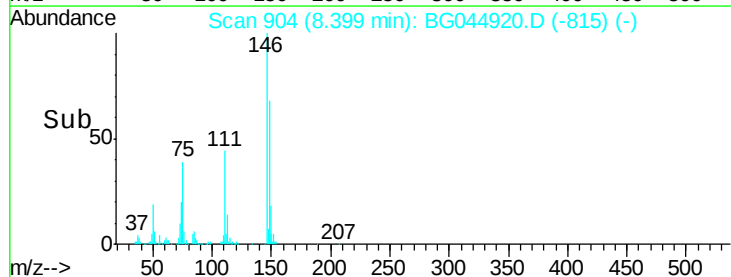
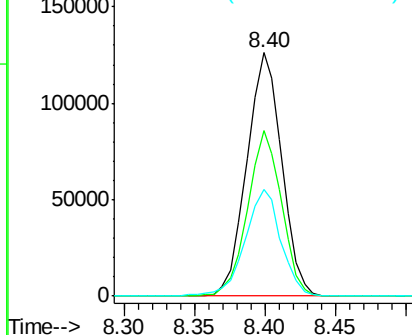


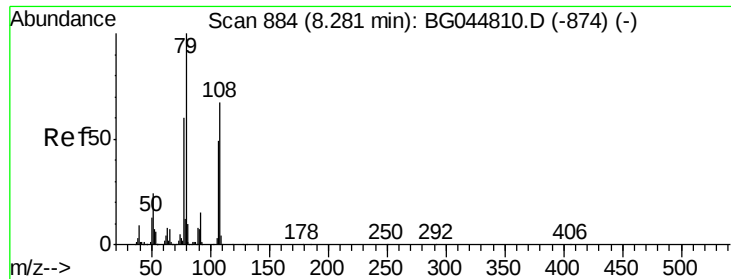
#14
 1,2-Dichlorobenzene
 Concen: 35.59 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion:146 Resp: 218916
 Ion Ratio Lower Upper
 146 100
 148 68.1 52.1 78.1
 111 43.6 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: 36.70 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

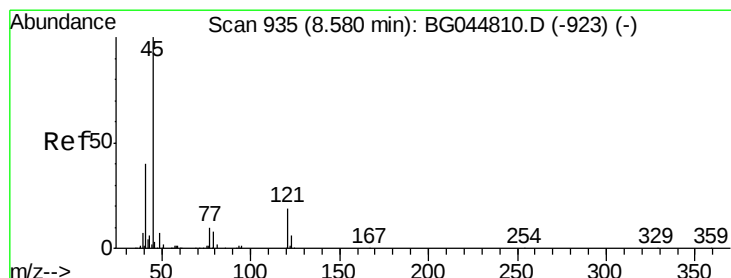
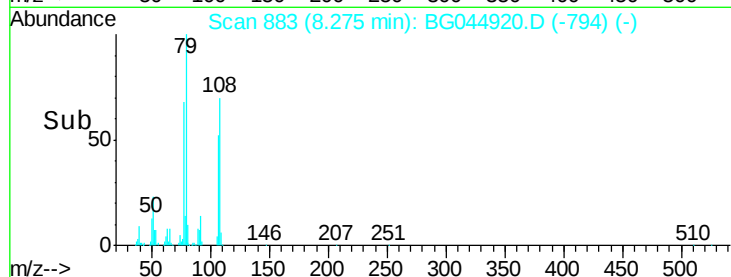
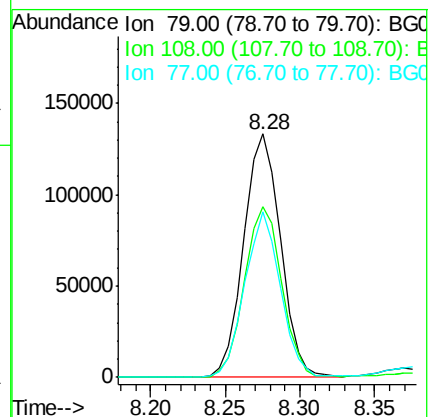
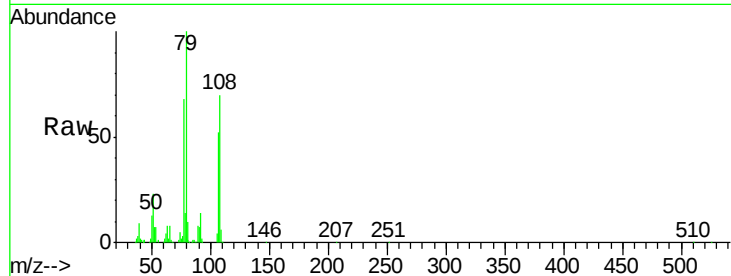
Tgt Ion: 79 Resp: 228282

Ion Ratio Lower Upper

79 100

108 70.2 53.8 80.8

77 68.0 47.8 71.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.82 ng

RT: 8.57 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

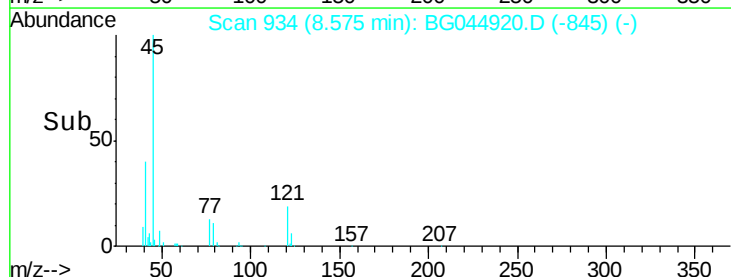
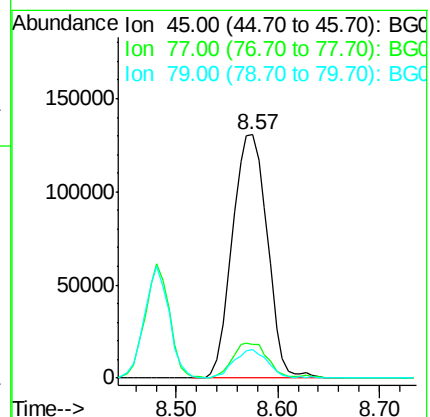
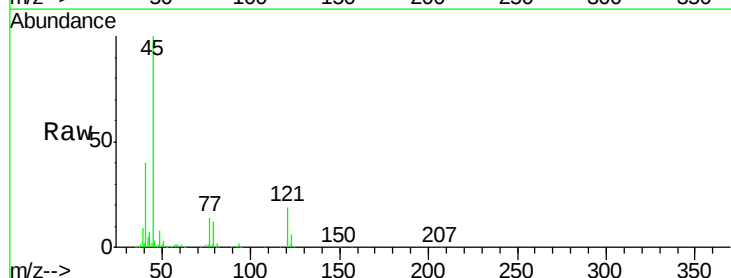
Tgt Ion: 45 Resp: 311517

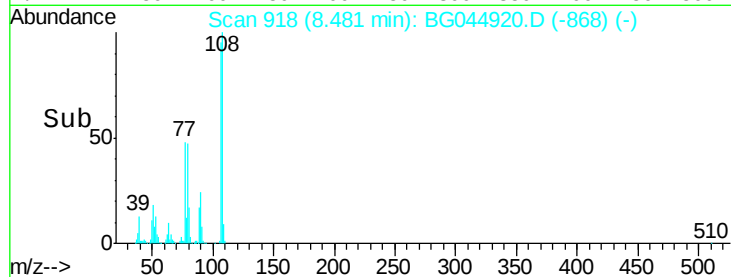
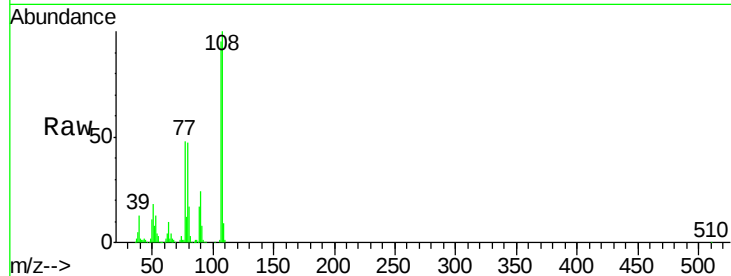
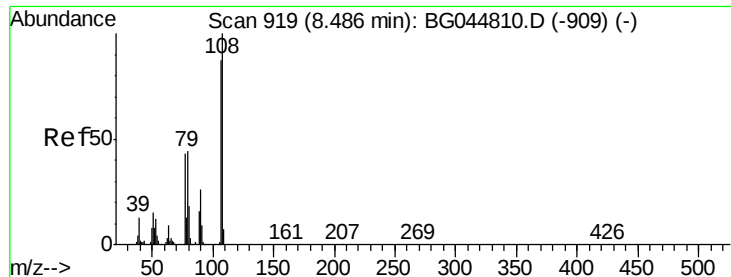
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.9

79 11.8 0.0 30.8

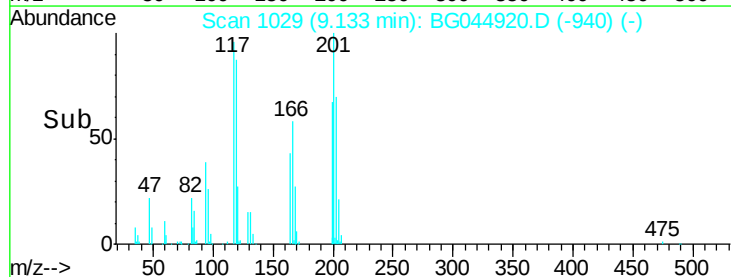
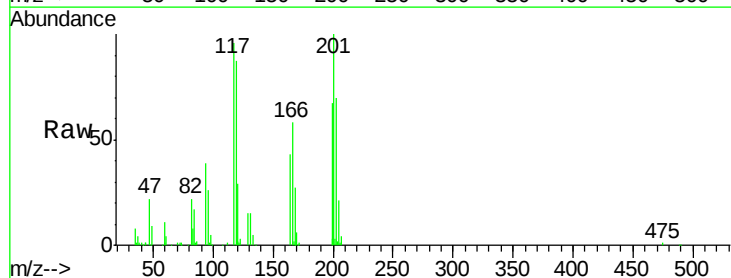
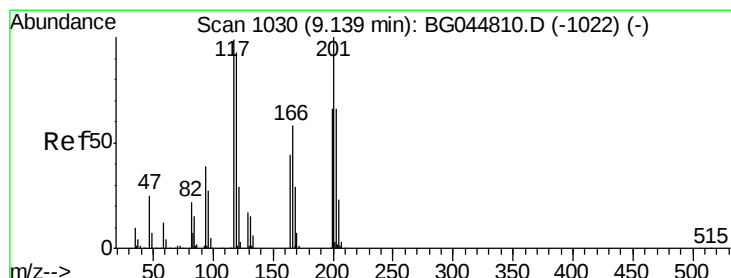
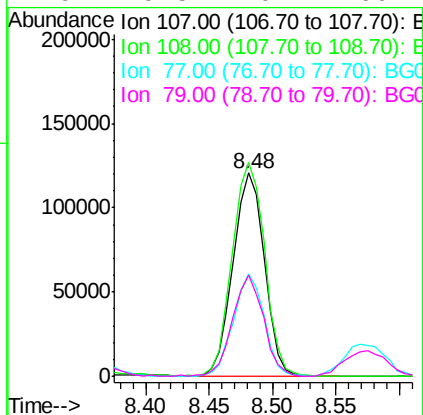




#17
2-Methylphenol
Concen: 39.77 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

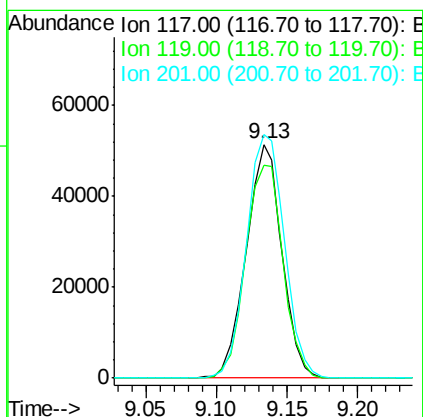
Instrument :
BNA_G
ClientSampleId :
PB127705BS

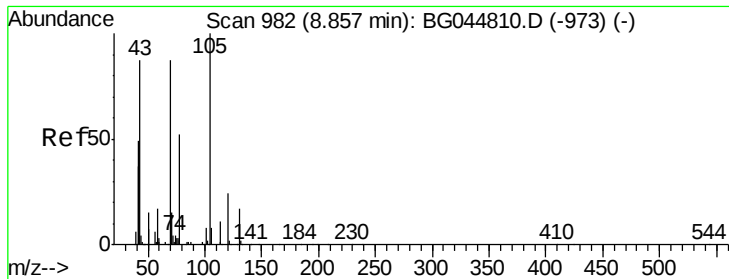
Tgt Ion:	107	Resp:	206763
Ion Ratio	Lower	Upper	
107	100		
108	105.1	91.8	137.8
77	50.6	40.0	60.0
79	49.5	40.2	60.2



#18
Hexachloroethane
Concen: 35.68 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:	117	Resp:	91105
Ion Ratio	Lower	Upper	
117	100		
119	90.9	75.2	112.8
201	104.2	81.1	121.7

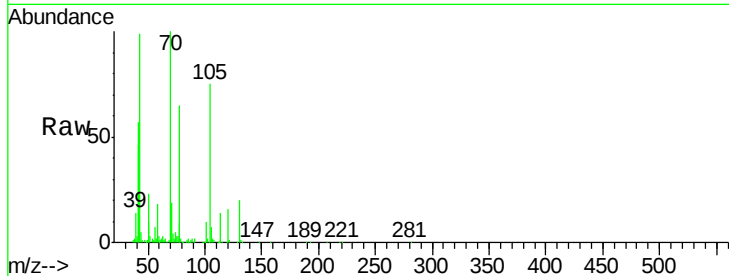




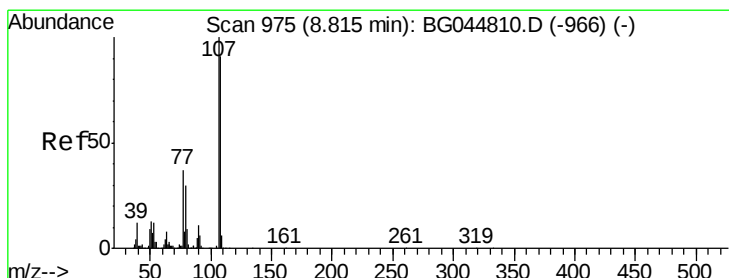
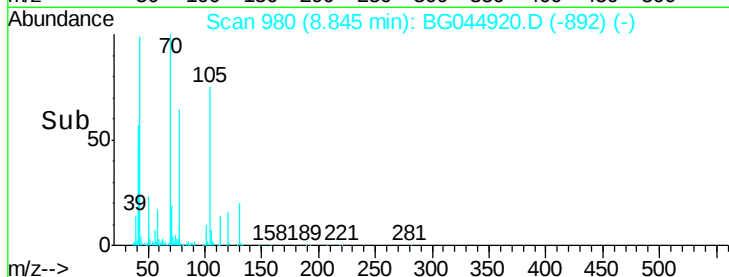
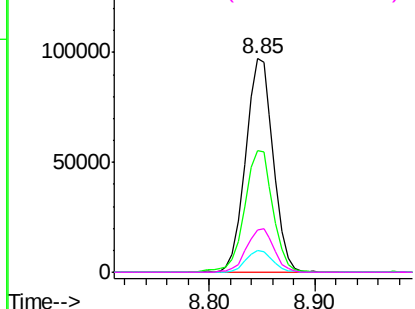
#19
n-Nitroso-di-n-propylamine
Concen: 32.20 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tgt Ion: 70 Resp: 176249
Ion Ratio Lower Upper
70 100
42 57.2 45.7 68.5
101 10.1 7.4 11.2
130 19.5 15.9 23.9

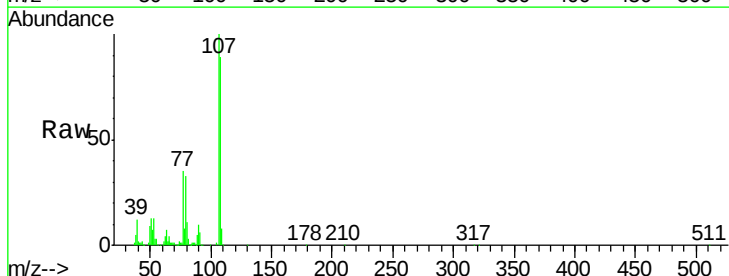


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

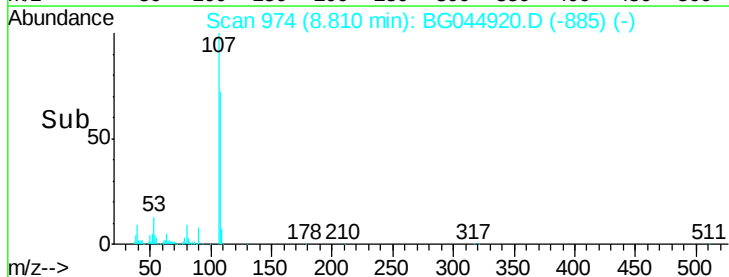
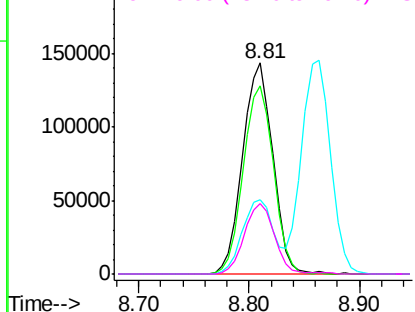


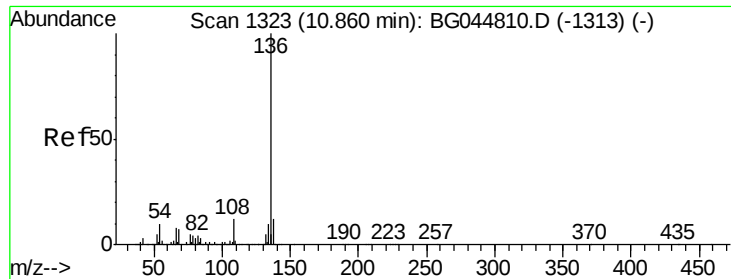
#20
3+4-Methylphenols
Concen: 38.57 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion: 107 Resp: 276414
Ion Ratio Lower Upper
107 100
108 89.2 71.3 111.3
77 34.9 16.9 56.9
79 33.4 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: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

Tgt Ion:136 Resp: 320915

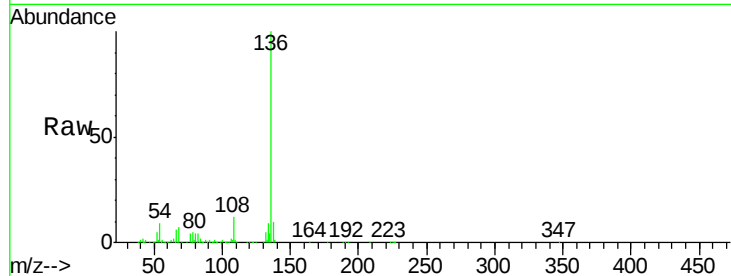
Ion Ratio Lower Upper

136 100

137 10.5 9.8 14.6

54 8.6 7.9 11.9

68 6.6 5.4 8.0

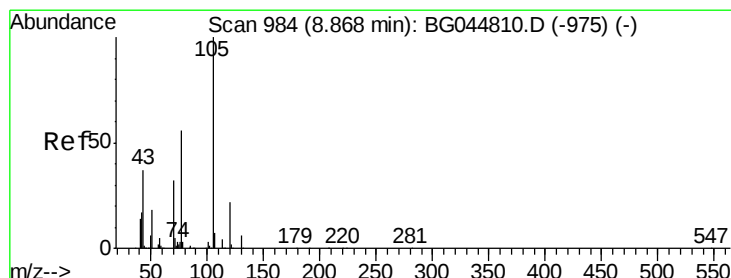
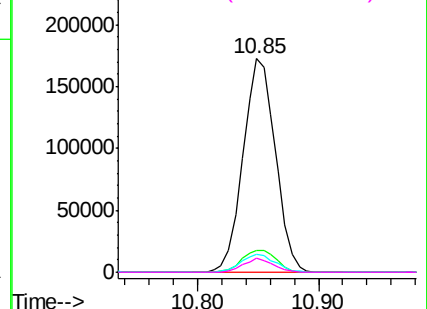
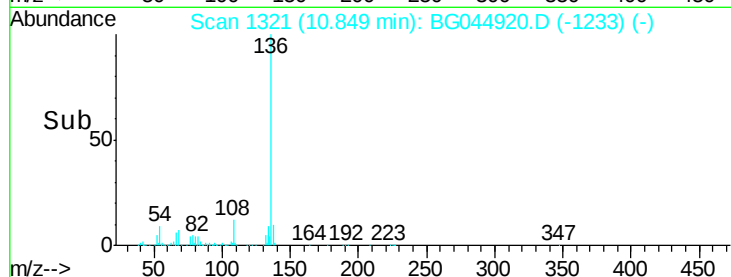


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.86 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:105 Resp: 326021

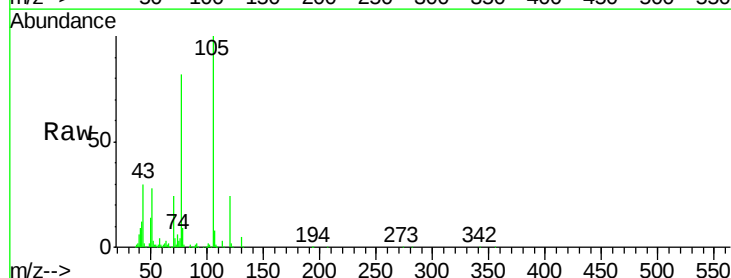
Ion Ratio Lower Upper

105 100

71 3.7 3.9 5.9#

51 28.2 22.6 33.8

120 23.5 17.3 25.9

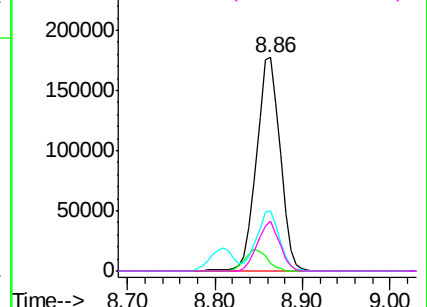
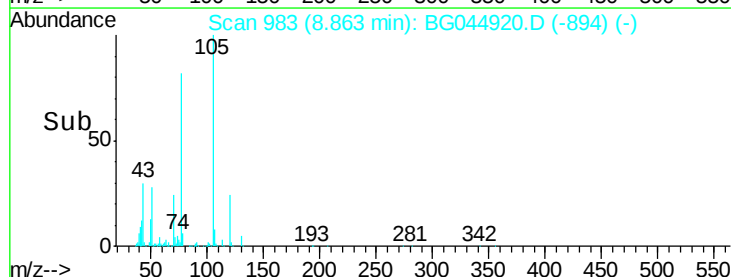


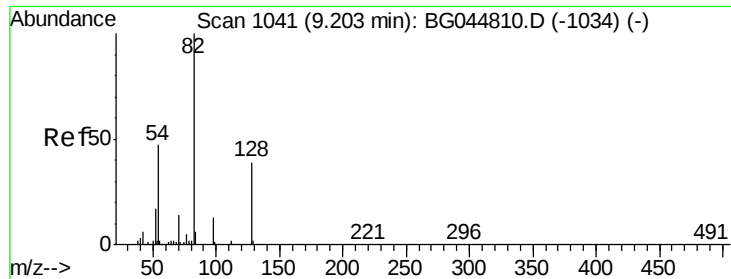
Abundance Ion 105.00 (104.70 to 105.70): E

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: 70.38 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

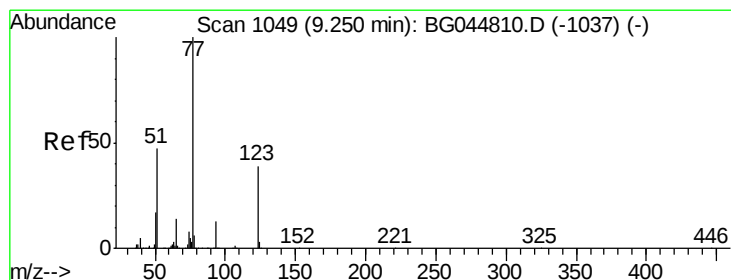
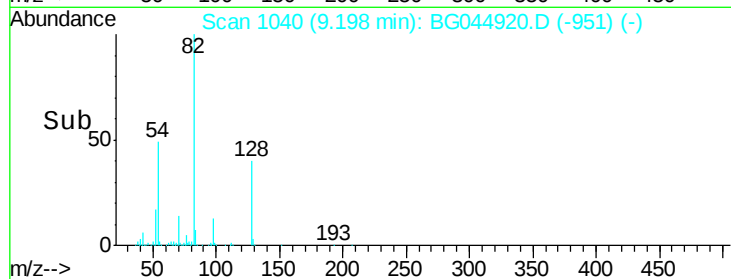
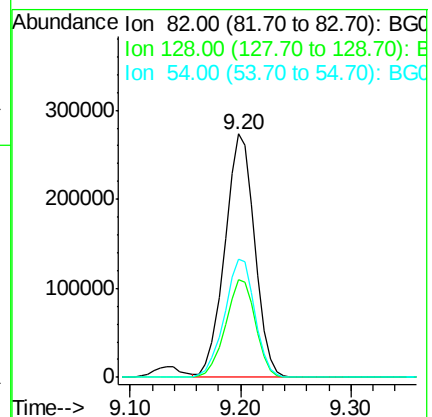
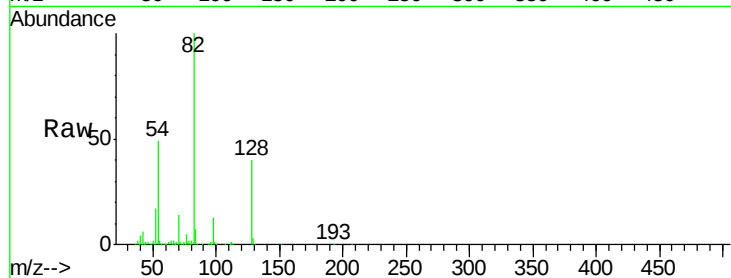
Tgt Ion: 82 Resp: 514691

Ion Ratio Lower Upper

82 100

128 40.4 30.6 46.0

54 48.7 37.1 55.7



#24

Nitrobenzene

Concen: 36.36 ng

RT: 9.24 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

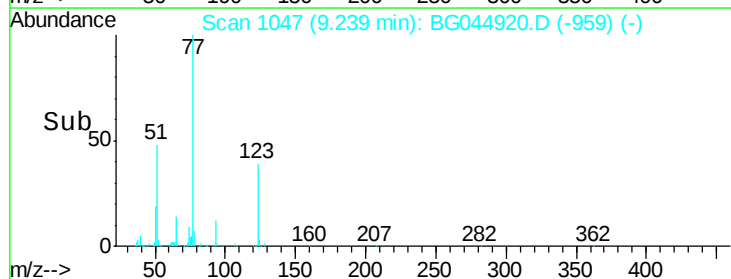
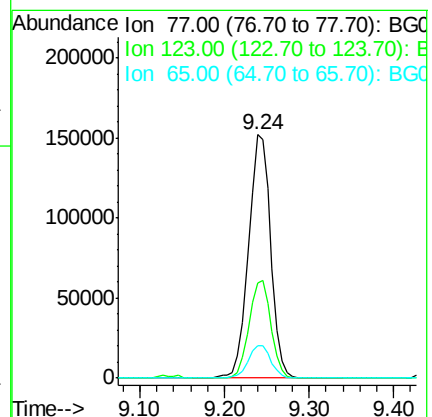
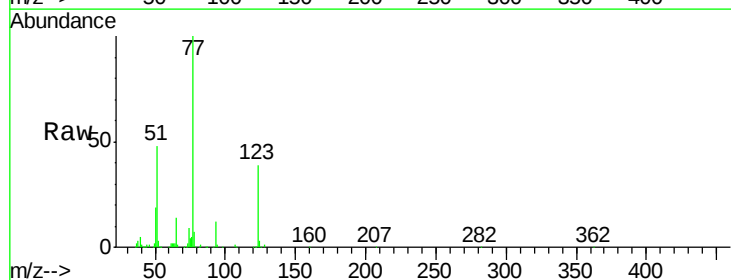
Tgt Ion: 77 Resp: 275934

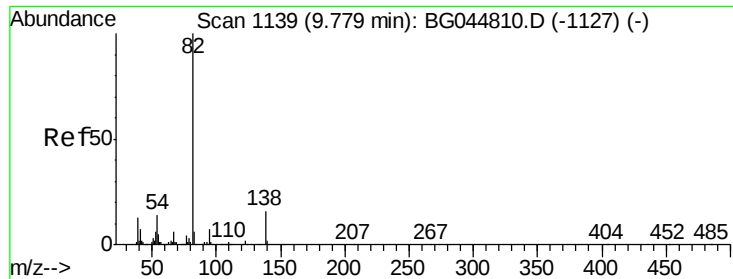
Ion Ratio Lower Upper

77 100

123 38.9 31.3 46.9

65 13.5 11.4 17.0

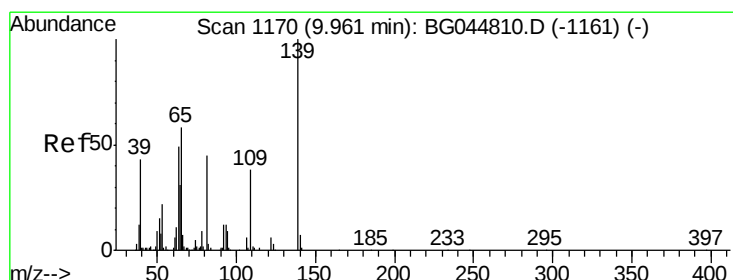
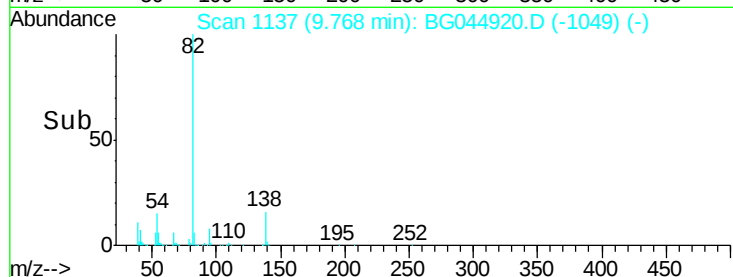
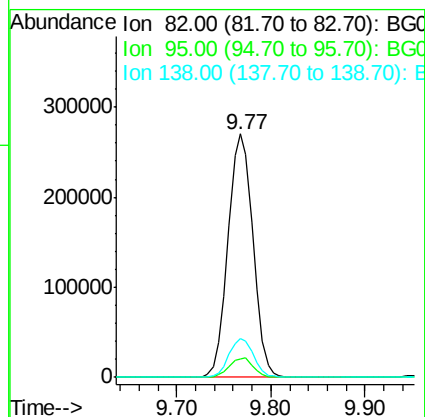
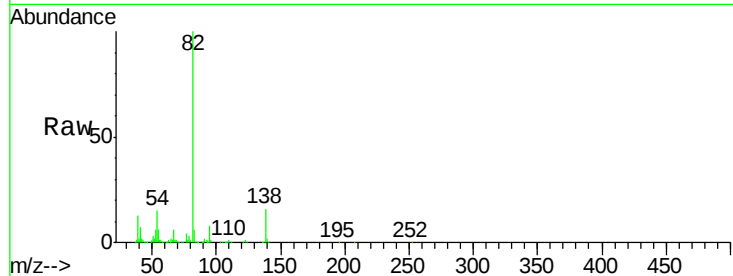




#25
Isophorone
Concen: 34.88 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

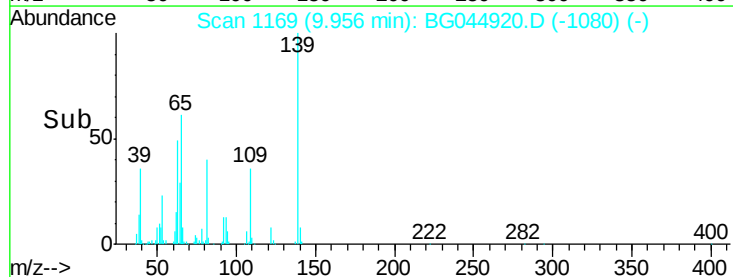
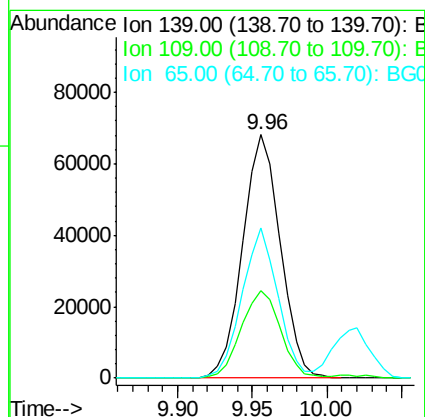
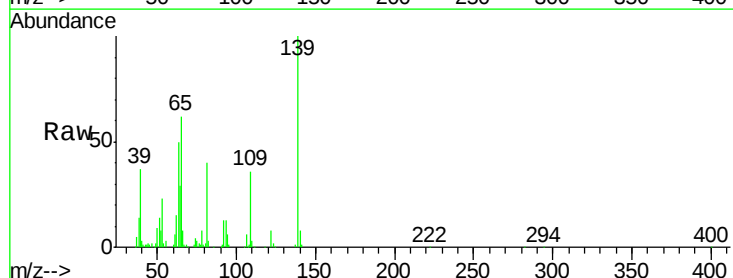
Instrument :
BNA_G
ClientSampleId :
PB127705BS

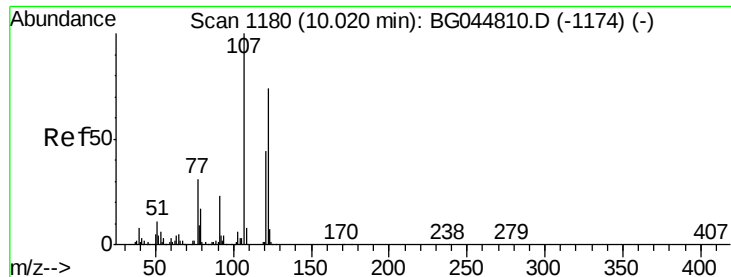
Tgt Ion: 82 Resp: 497824
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 15.9 12.5 18.7



#26
2-Nitrophenol
Concen: 45.63 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion: 139 Resp: 119402
Ion Ratio Lower Upper
139 100
109 35.7 30.2 45.4
65 61.9 46.3 69.5

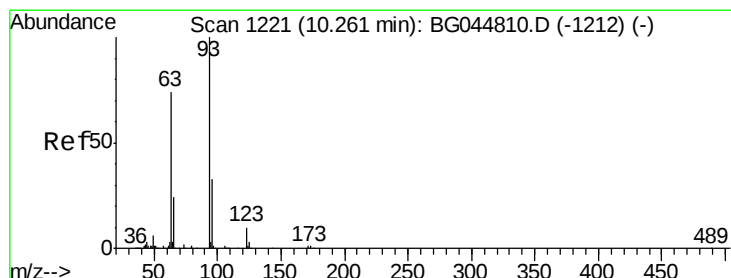
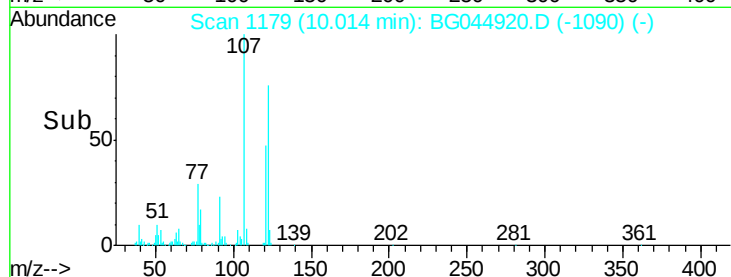
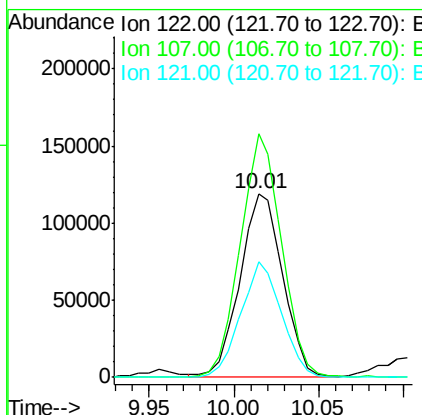
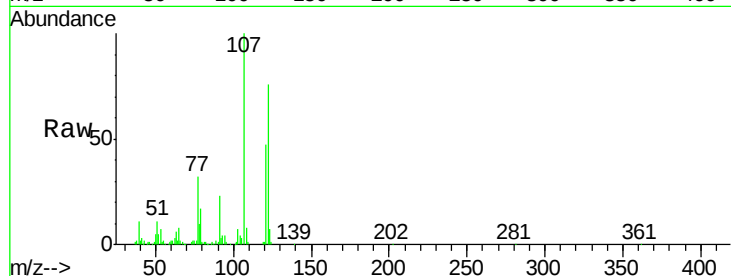




#27
2,4-Dimethylphenol
Concen: 44.66 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

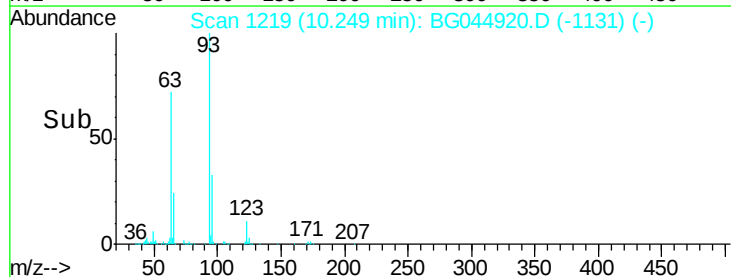
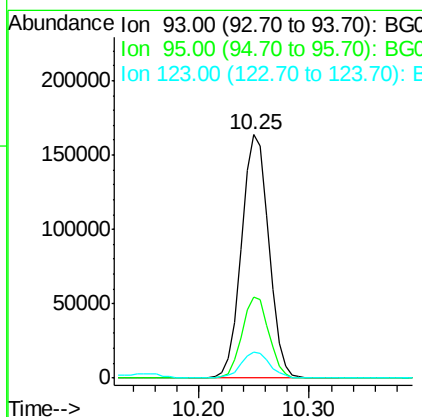
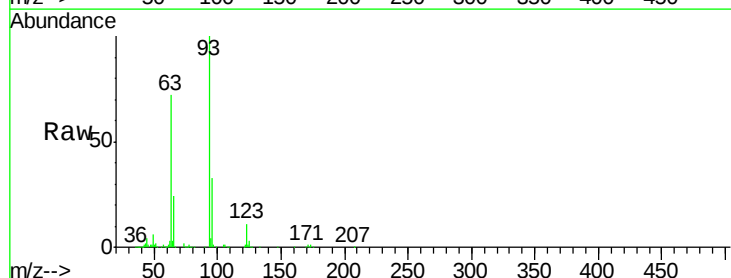
Instrument :
BNA_G
ClientSampleId :
PB127705BS

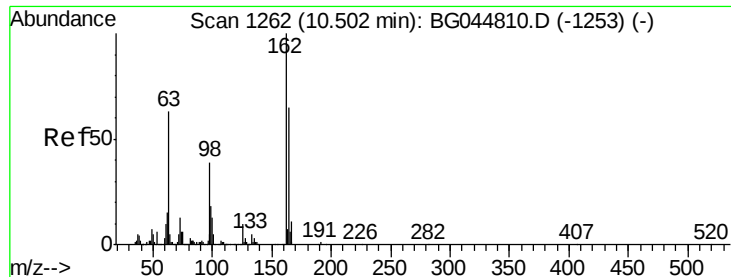
Tgt Ion	Ratio	Lower	Upper
122	100		
107	132.4	107.1	160.7
121	62.6	46.8	70.2



#28
bis(2-Chloroethoxy)methane
Concen: 33.39 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.4	39.6
123	10.6	8.4	12.6

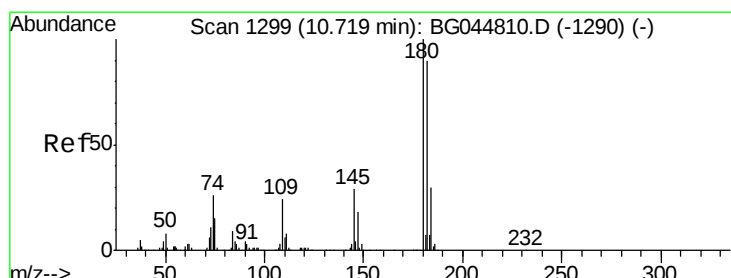
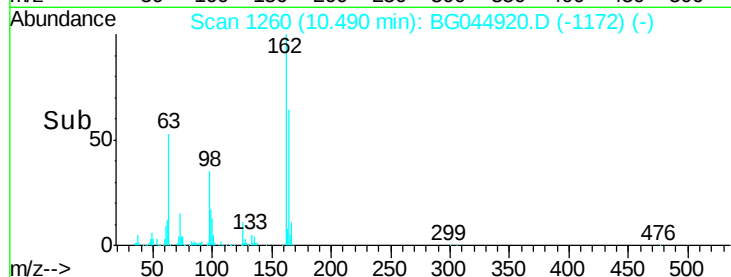
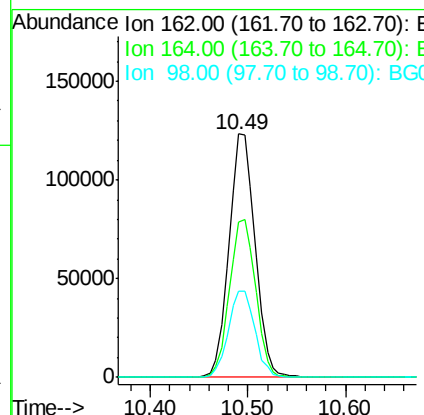
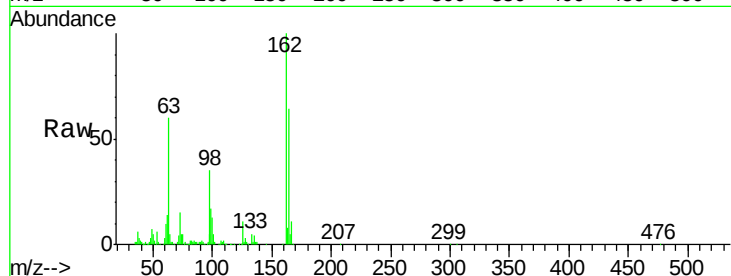




#29
2,4-Dichlorophenol
Concen: 42.14 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

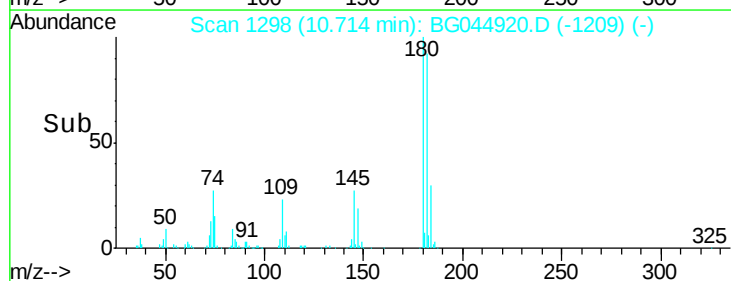
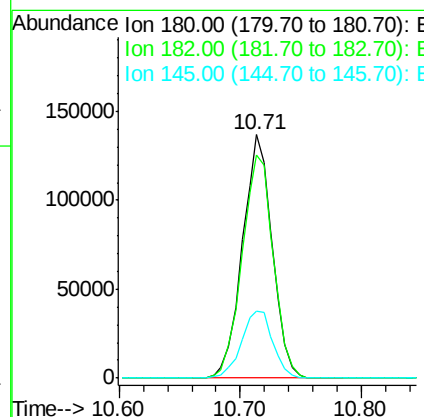
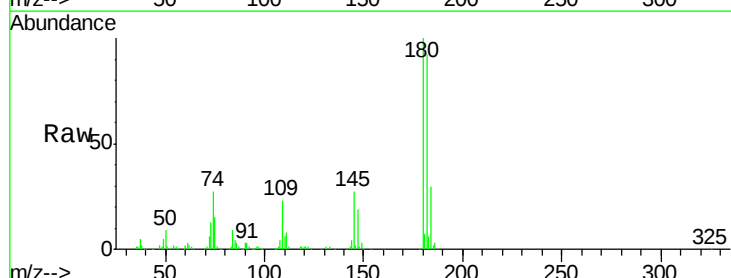
Instrument :
BNA_G
ClientSampleId :
PB127705BS

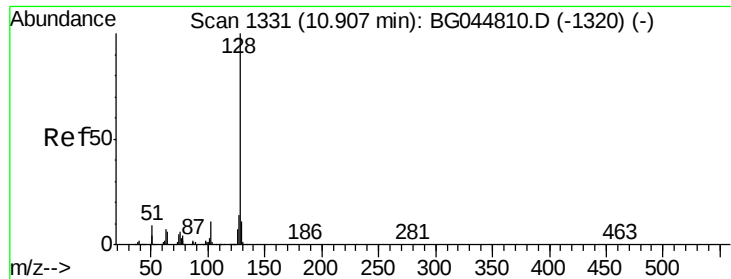
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.2	85.2
98	35.3	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 36.13 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	71.6	107.4
145	27.3	23.4	35.0

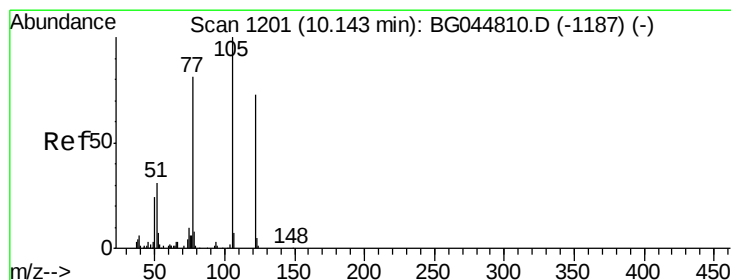
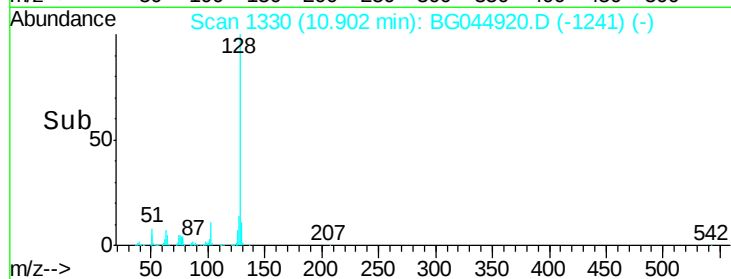
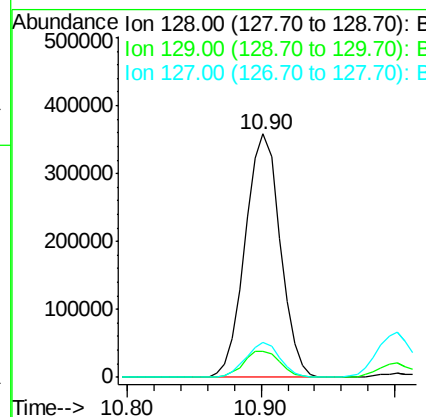
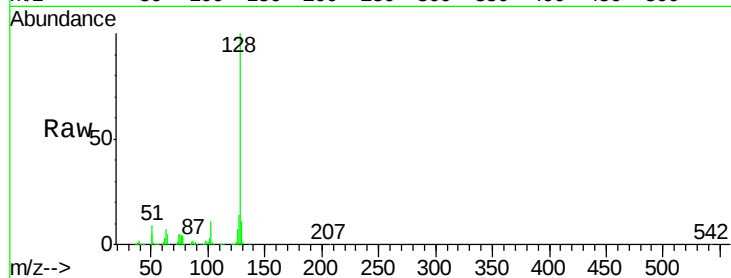




#31
Naphthalene
Concen: 36.54 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

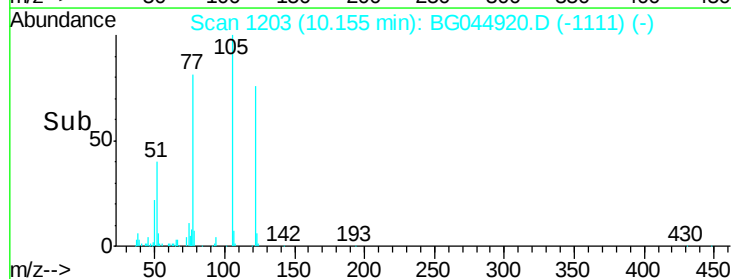
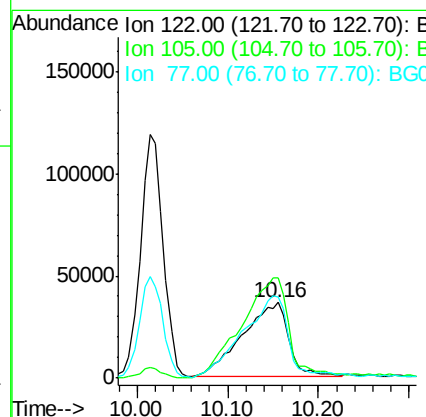
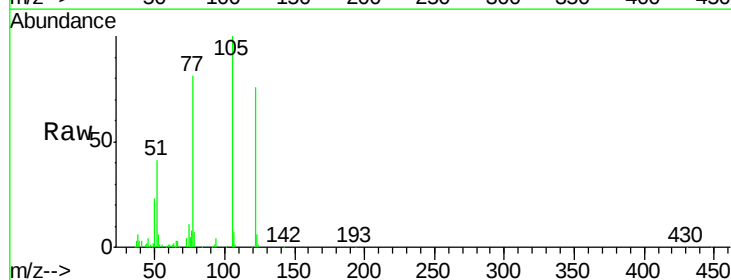
Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	14.2	10.8	16.2



#32
Benzoic acid
Concen: 38.43 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.0	109.1	149.1
77	106.6	85.3	125.3

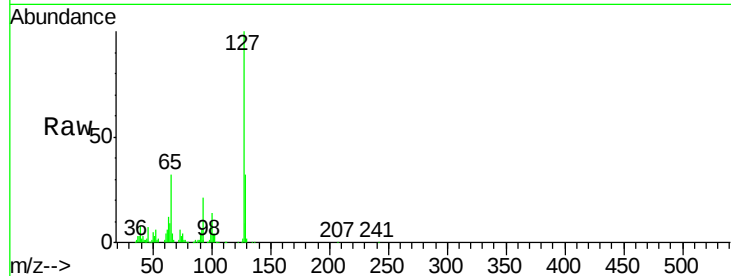




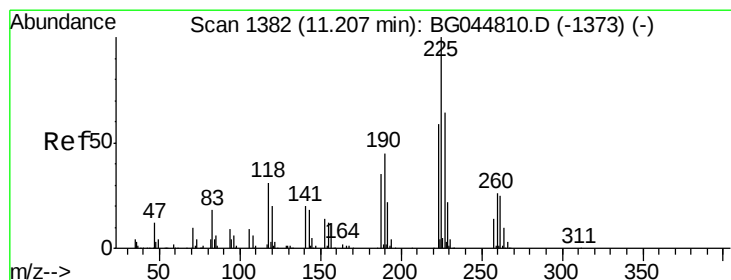
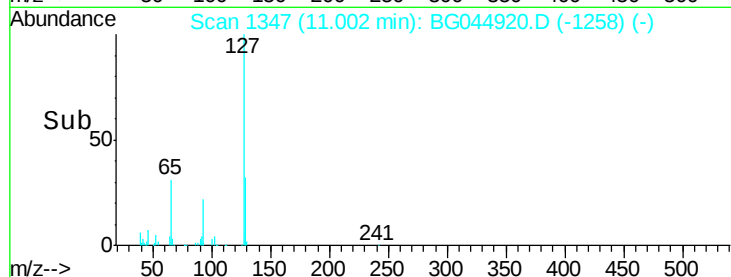
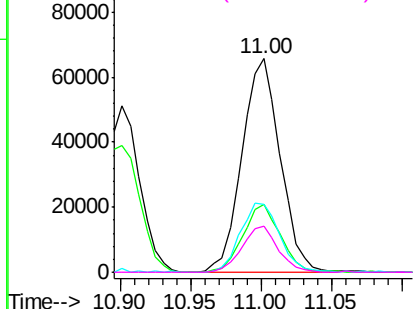
#33
4-Chloroaniline
Concen: 15.54 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tgt Ion:	127	Resp:	124479
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.9	40.3
65	31.6	27.7	41.5
92	21.3	17.4	26.2

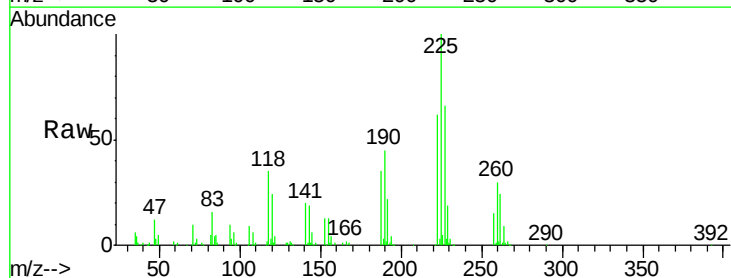


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

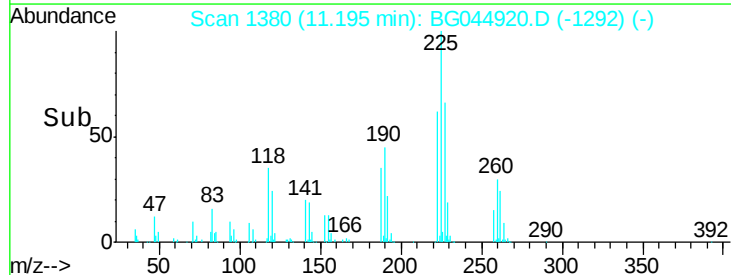
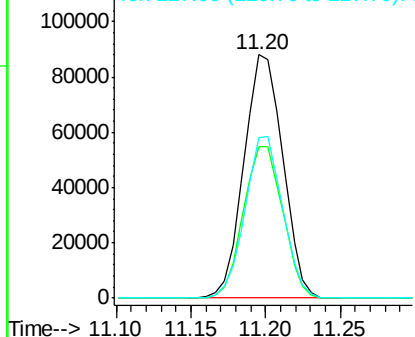


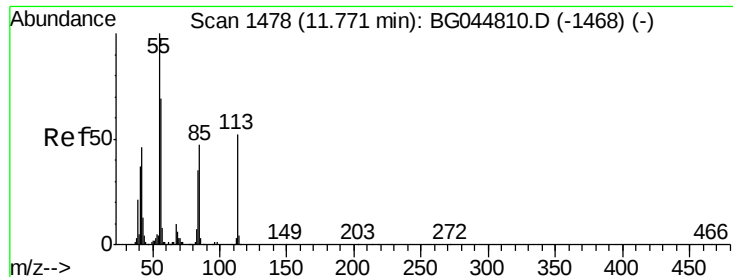
#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:	225	Resp:	158431
Ion	Ratio	Lower	Upper
225	100		
223	62.0	47.4	71.0
227	66.0	50.8	76.2



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





#35

Caprolactam

Concen: 22.70 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

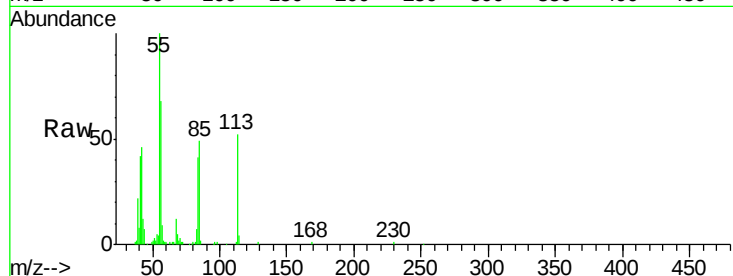
Tgt Ion:113 Resp: 46660

Ion Ratio Lower Upper

113 100

55 191.6 173.8 213.8

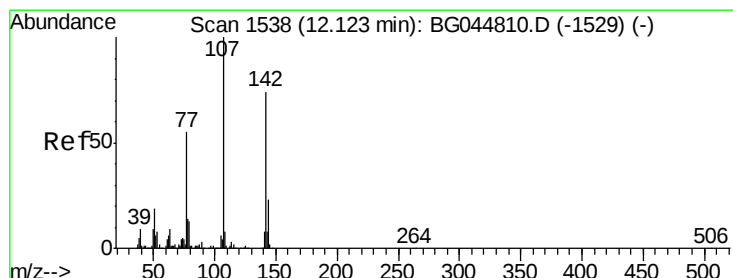
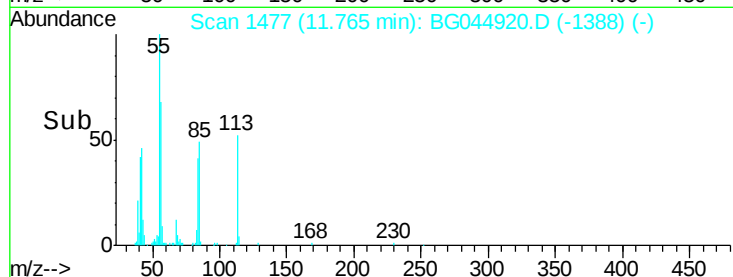
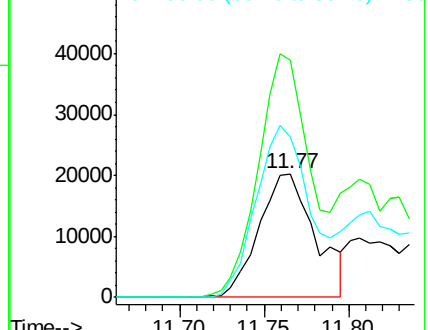
56 129.9 113.8 153.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.16 ng

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

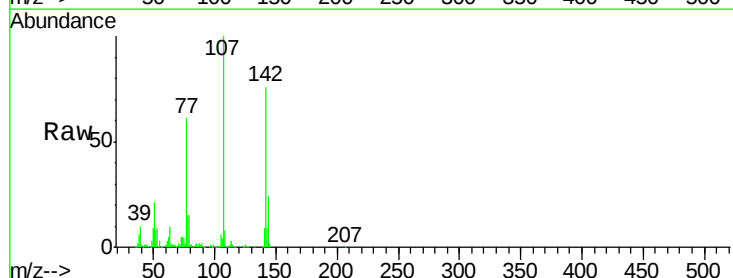
Tgt Ion:107 Resp: 253578

Ion Ratio Lower Upper

107 100

144 24.4 18.0 27.0

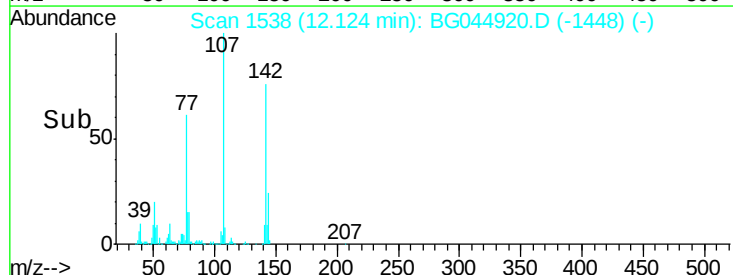
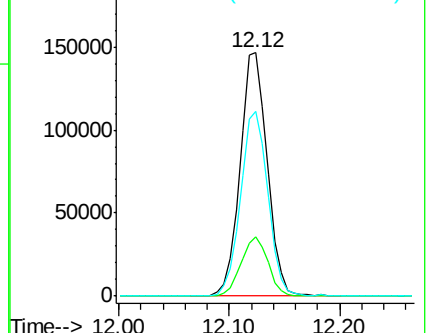
142 76.1 59.0 88.4

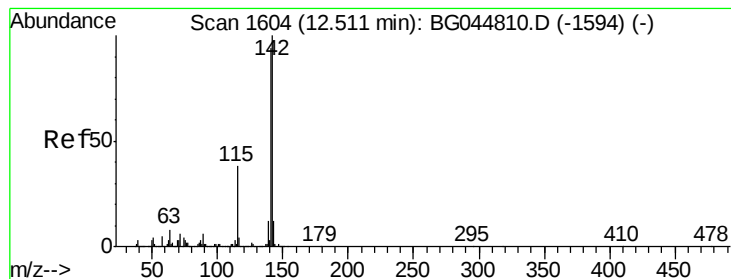


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.88 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

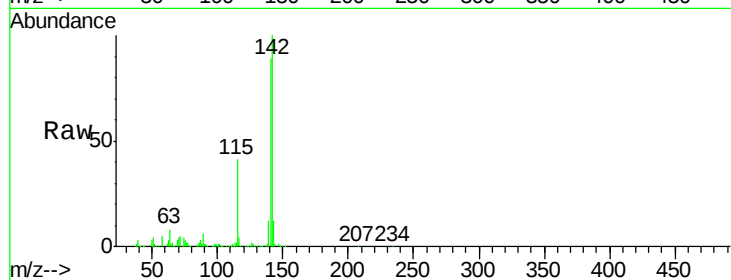
Tgt Ion:142 Resp: 490453

Ion Ratio Lower Upper

142 100

141 88.6 75.1 112.7

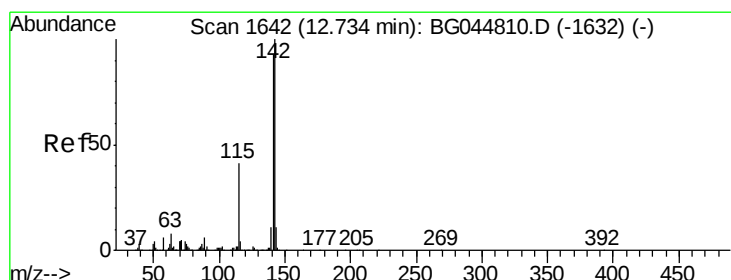
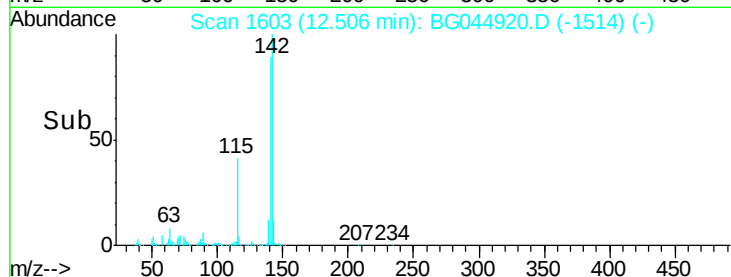
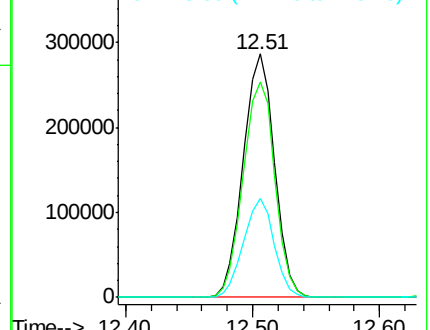
115 40.7 30.6 46.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.29 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

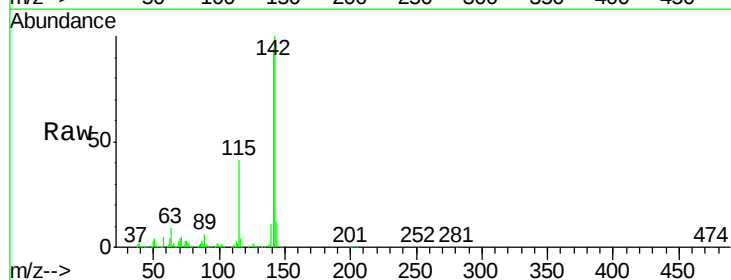
Tgt Ion:142 Resp: 466256

Ion Ratio Lower Upper

142 100

141 94.3 74.7 112.1

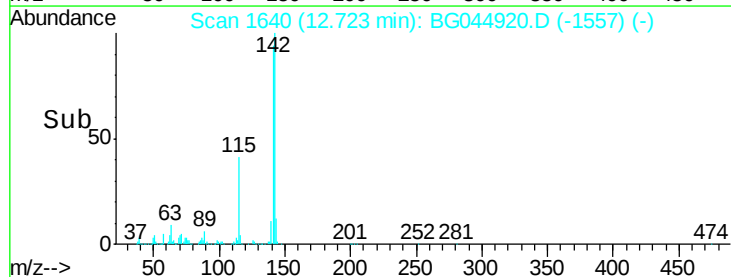
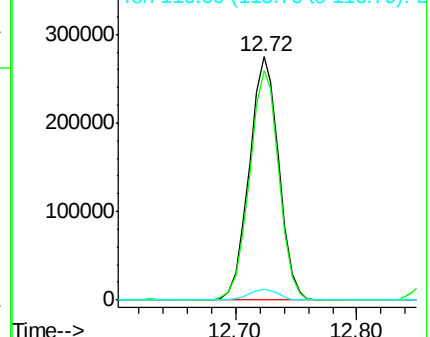
116 4.3 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

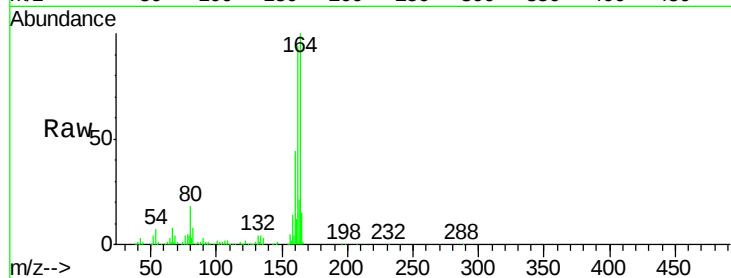
Tgt Ion:164 Resp: 220451

Ion Ratio Lower Upper

164 100

162 93.7 76.7 115.1

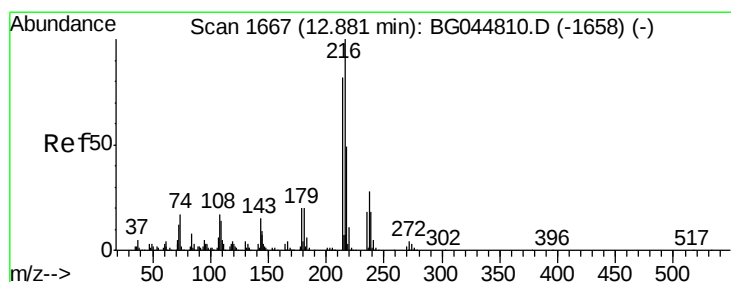
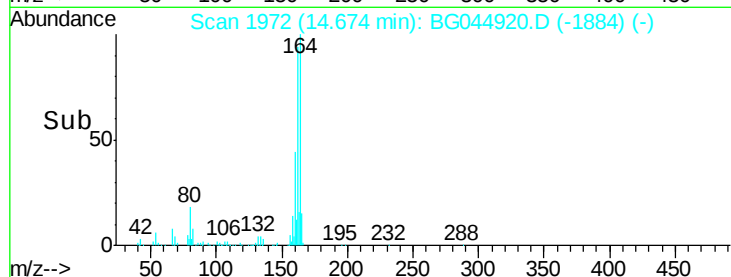
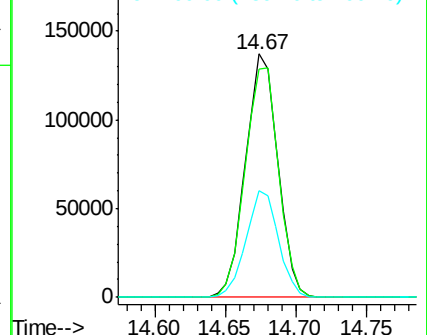
160 43.6 35.0 52.4



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: 36.83 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:216 Resp: 267361

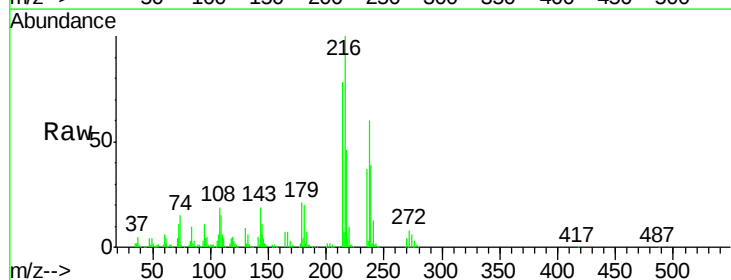
Ion Ratio Lower Upper

216 100

214 77.8 63.8 95.6

179 20.2 16.2 24.2

108 20.4 14.6 22.0

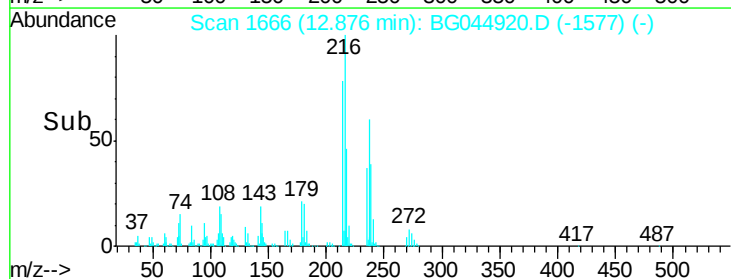
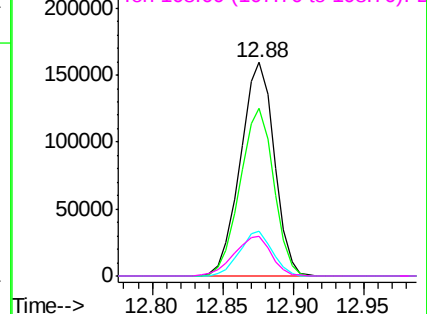


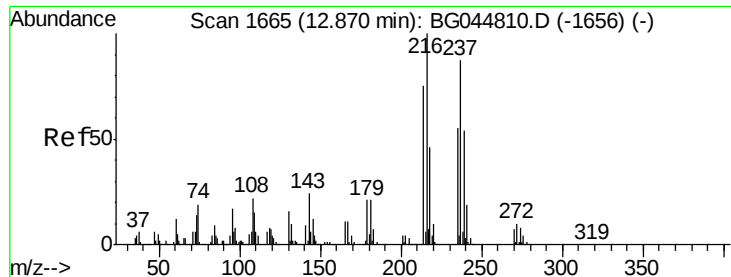
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.65 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

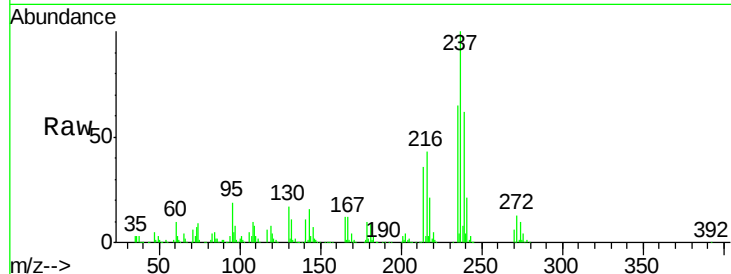
Tgt Ion:237 Resp: 359681

Ion Ratio Lower Upper

237 100

235 65.0 42.9 82.9

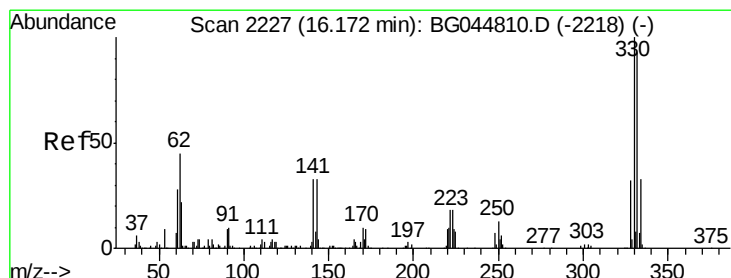
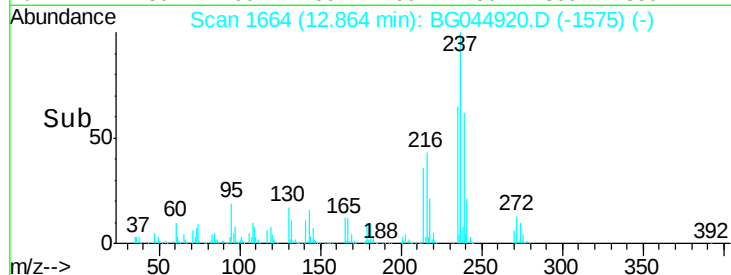
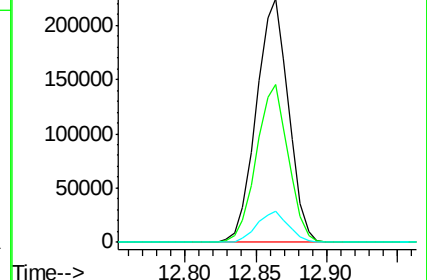
272 13.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.50 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

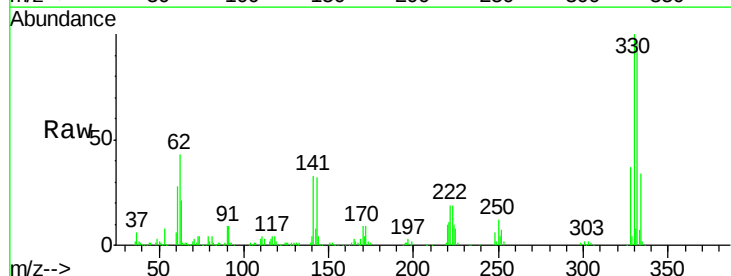
Tgt Ion:330 Resp: 246797

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

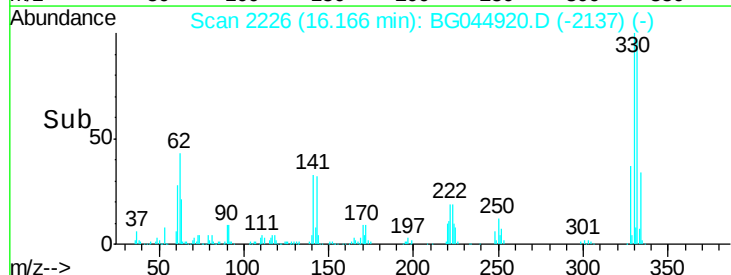
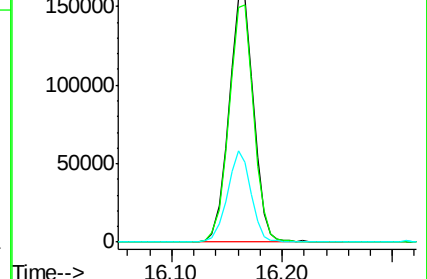
141 35.2 29.5 44.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

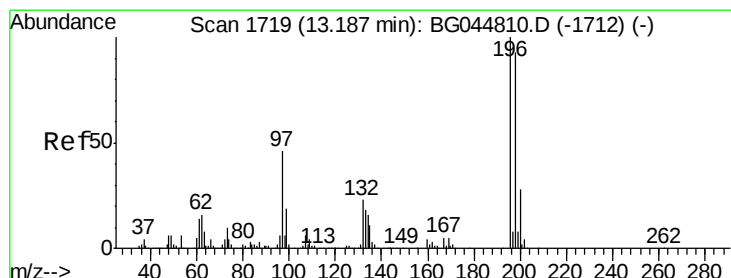
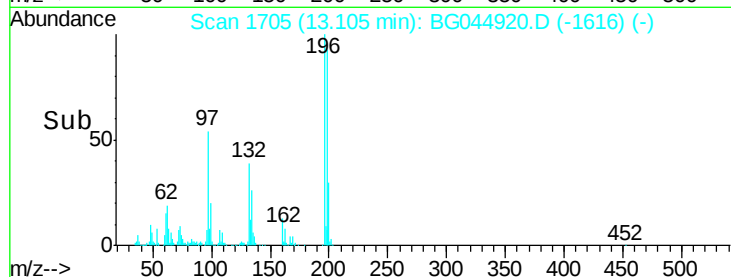
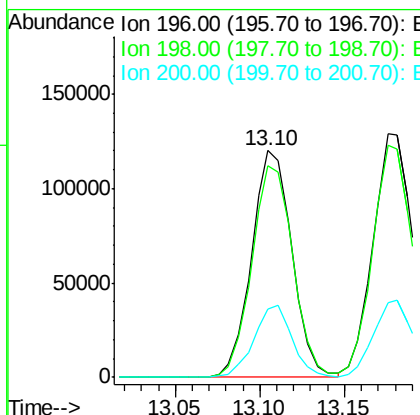
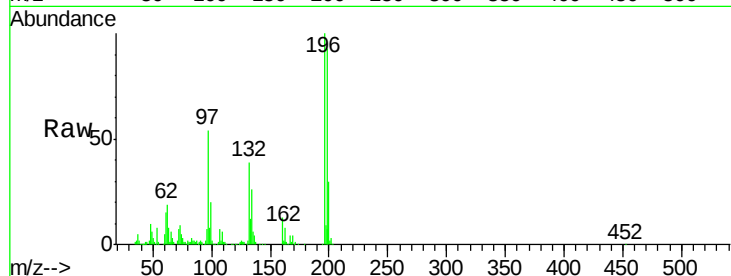




#43
2,4,6-Trichlorophenol
Concen: 41.40 ng
RT: 13.10 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

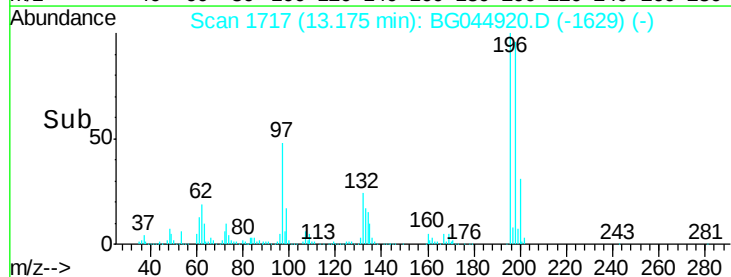
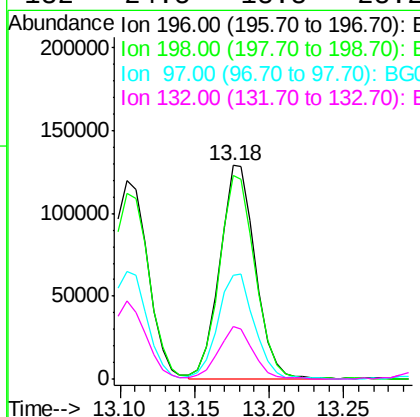
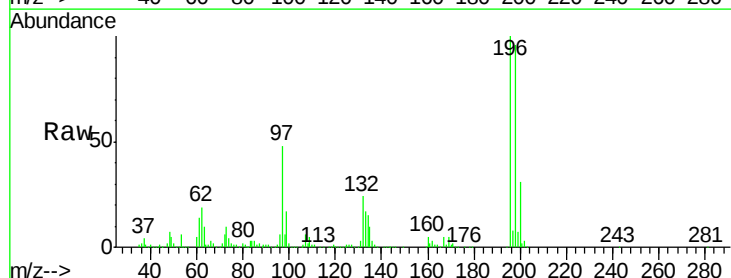
Instrument :
BNA_G
ClientSampleId :
PB127705BS

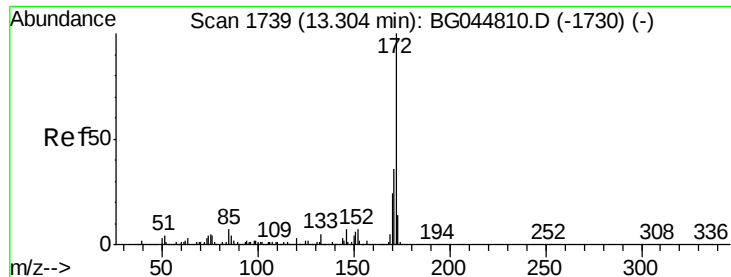
Tgt Ion:196 Resp: 199479
Ion Ratio Lower Upper
196 100
198 93.5 74.9 112.3
200 30.1 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 42.93 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:196 Resp: 214512
Ion Ratio Lower Upper
196 100
198 95.6 74.2 111.4
97 48.4 36.7 55.1
132 24.5 18.8 28.2

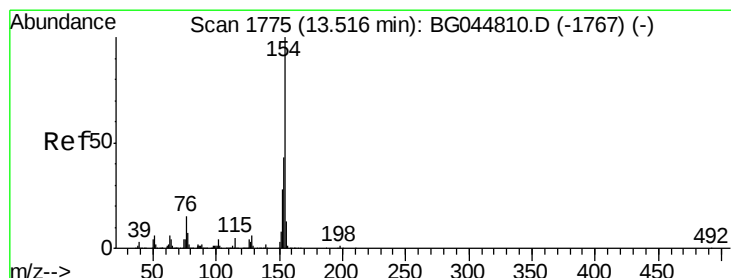
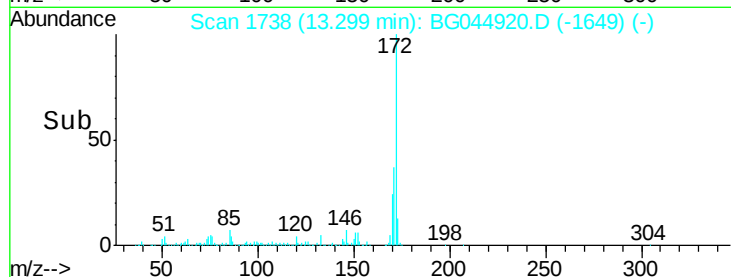
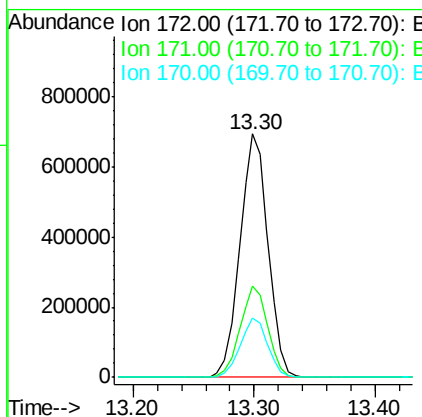
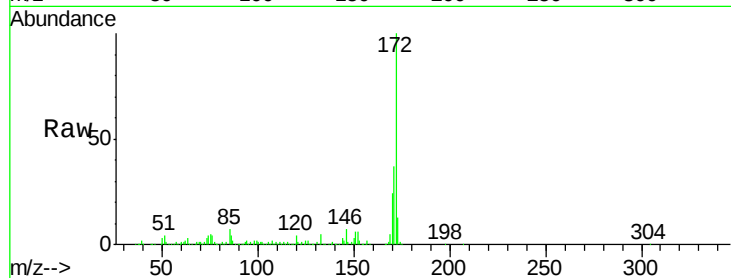




#45
2-Fluorobiphenyl
Concen: 72.48 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

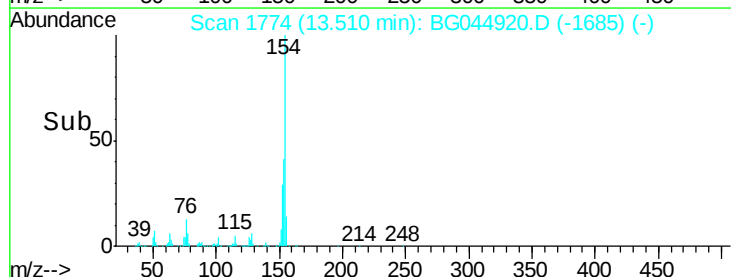
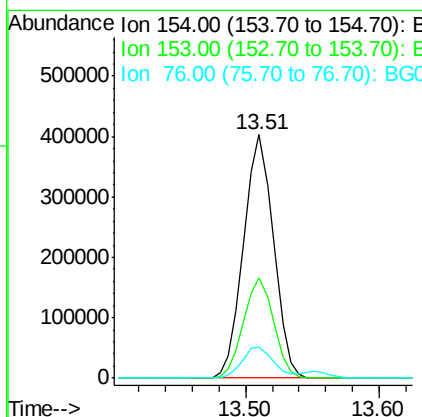
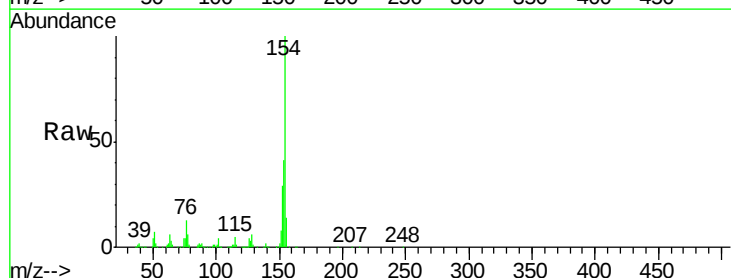
Instrument :
BNA_G
ClientSampleId :
PB127705BS

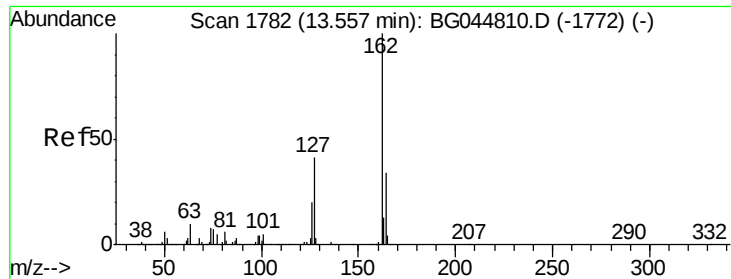
Tgt Ion:172 Resp: 1115850
Ion Ratio Lower Upper
172 100
171 37.3 28.7 43.1
170 24.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 35.38 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:154 Resp: 623196
Ion Ratio Lower Upper
154 100
153 41.0 22.9 62.9
76 12.7 0.0 34.6

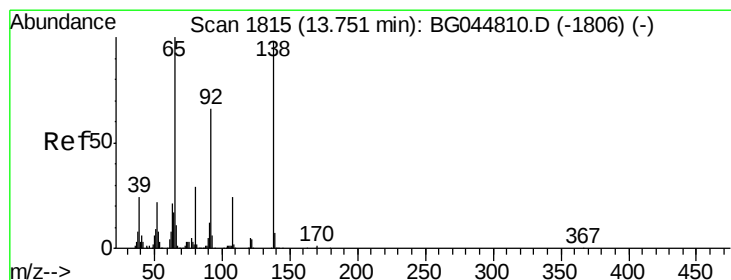
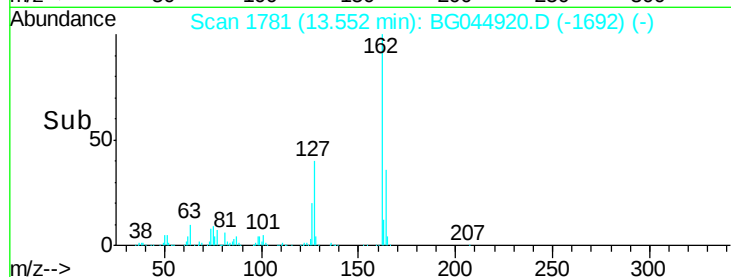
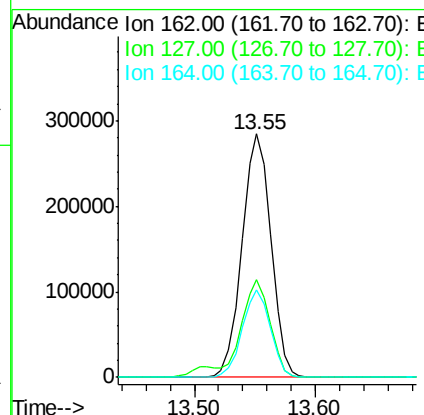
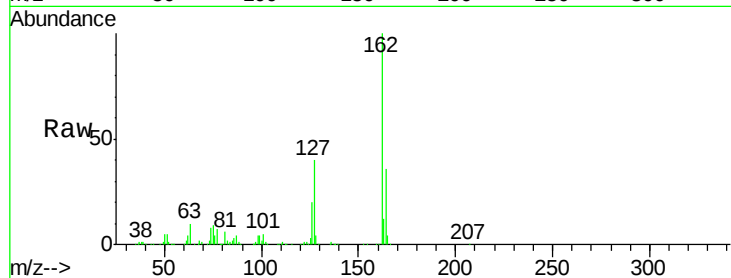




#47
 2-Chloronaphthalene
 Concen: 35.35 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

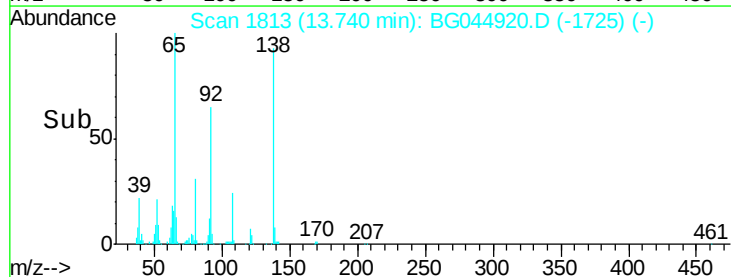
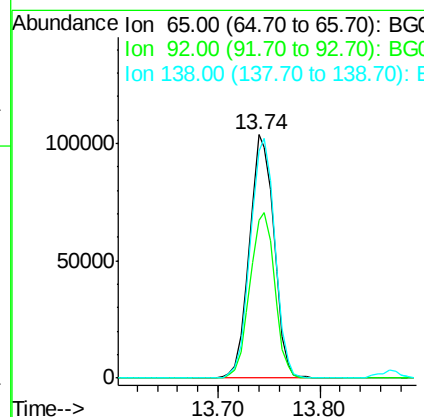
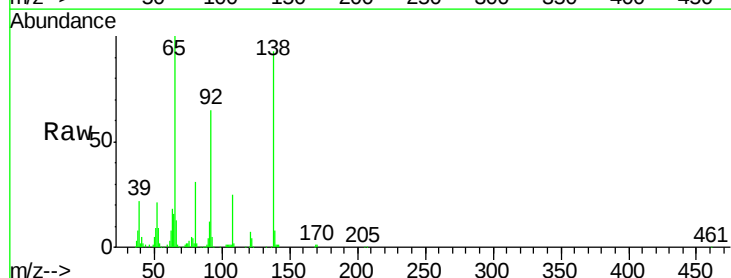
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

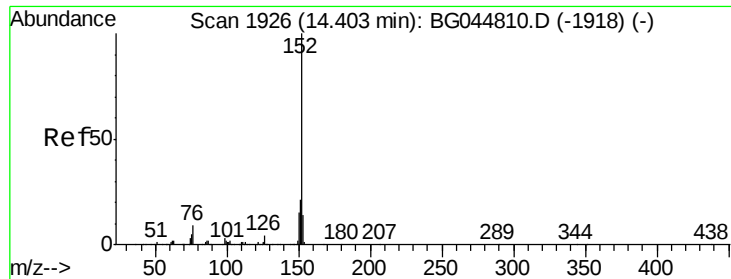
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.1	49.7
164	35.8	27.4	41.2



#48
 2-Nitroaniline
 Concen: 37.10 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	52.6	79.0
138	93.4	78.3	117.5





#49

Acenaphthylene

Concen: 38.13 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

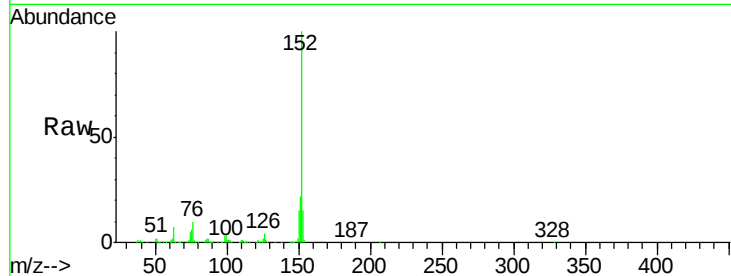
Tgt Ion:152 Resp: 803918

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

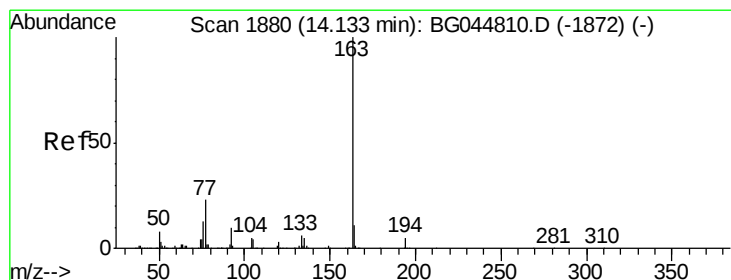
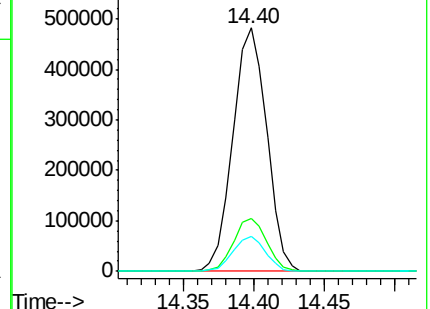
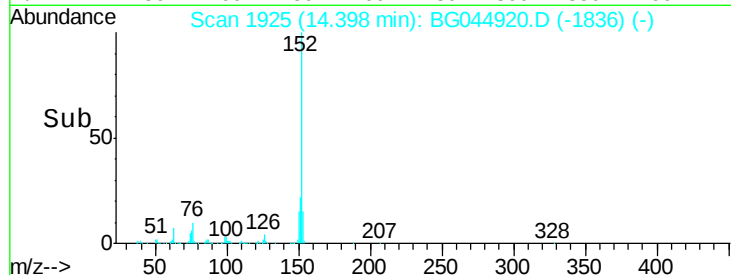
153 14.5 10.8 16.2



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: 37.02 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

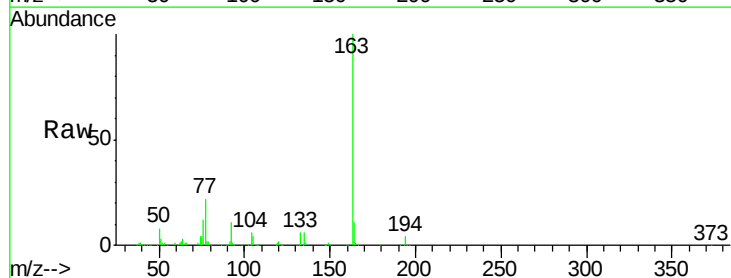
Tgt Ion:163 Resp: 650017

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

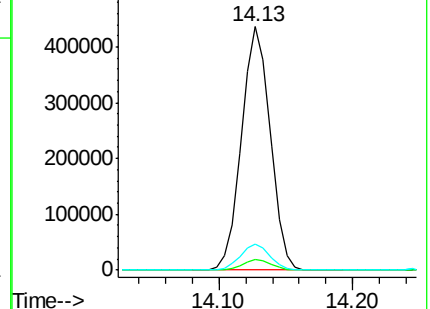
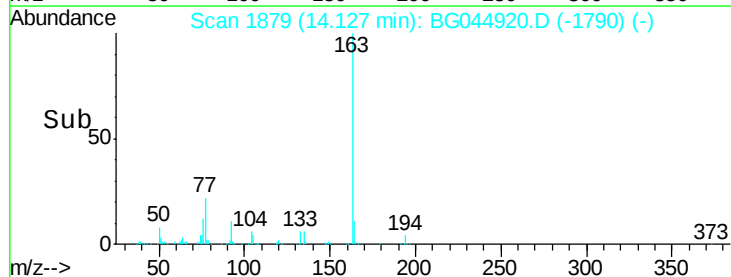
164 10.9 9.1 13.7

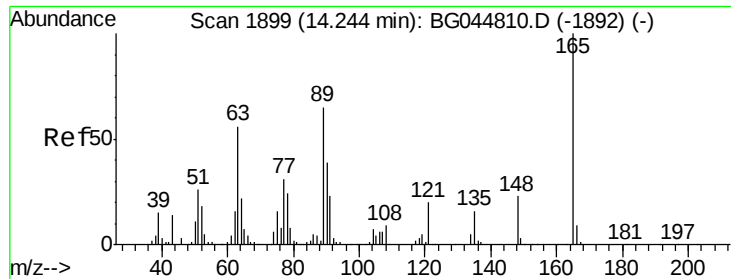


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

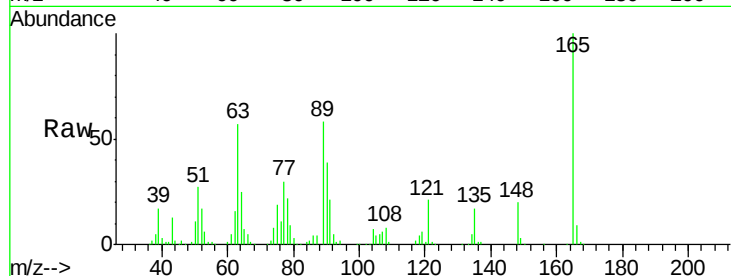




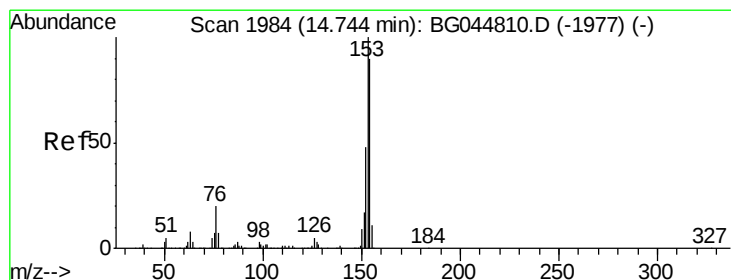
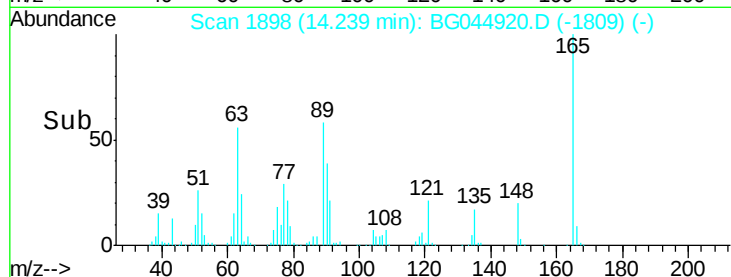
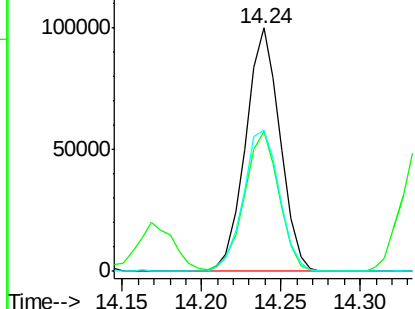
#51
 2,6-Dinitrotoluene
 Concen: 42.46 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

Tgt Ion:165 Resp: 150279
 Ion Ratio Lower Upper
 165 100
 63 57.2 45.8 68.8
 89 57.9 51.8 77.6

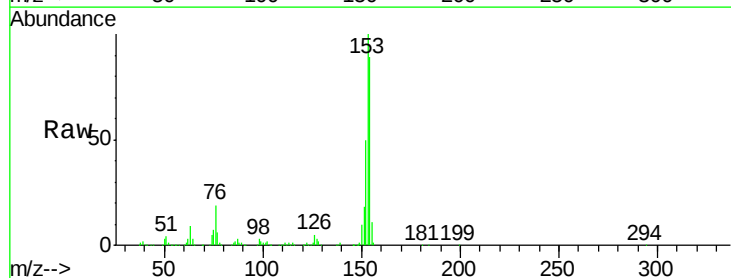


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

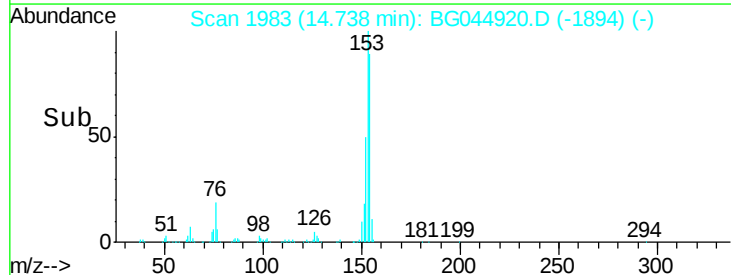
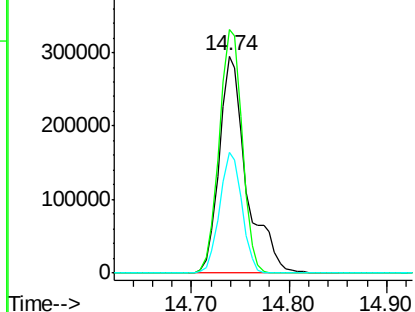


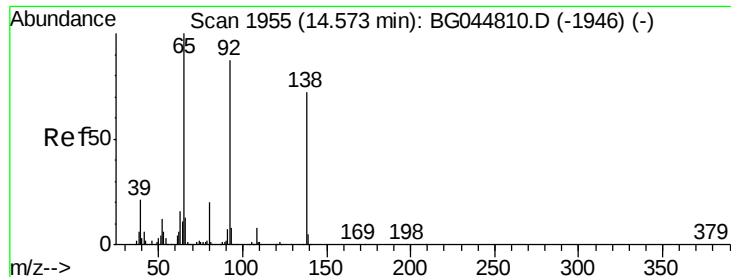
#52
 Acenaphthene
 Concen: 41.49 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion:154 Resp: 572845
 Ion Ratio Lower Upper
 154 100
 153 112.0 89.0 133.6
 152 55.5 43.0 64.6



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

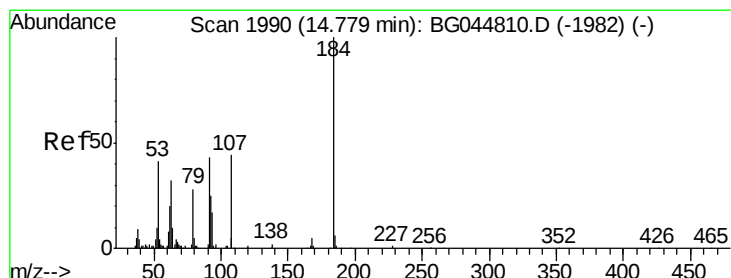
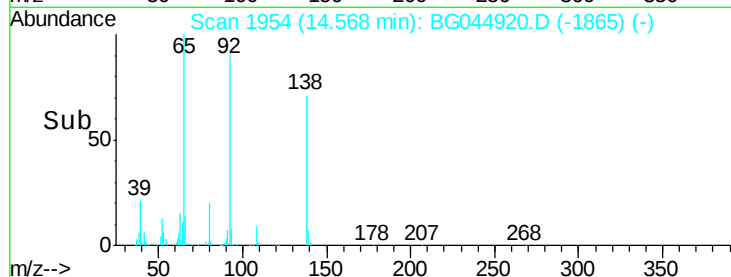
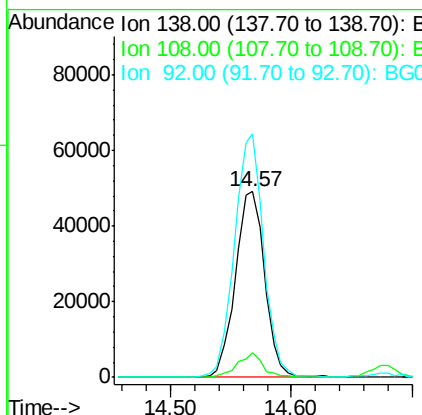
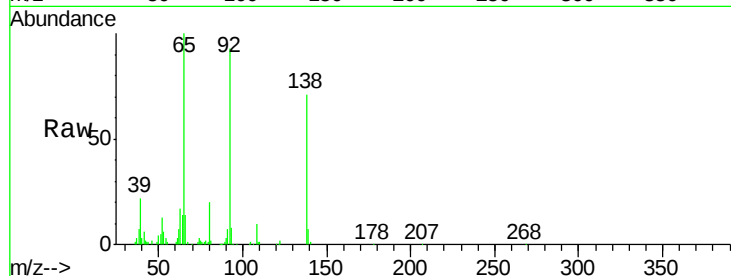




#53
3-Nitroaniline
Concen: 20.45 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

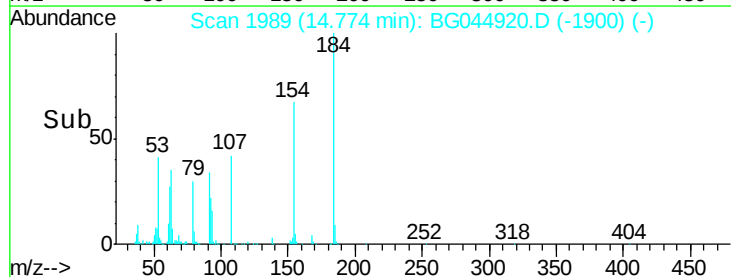
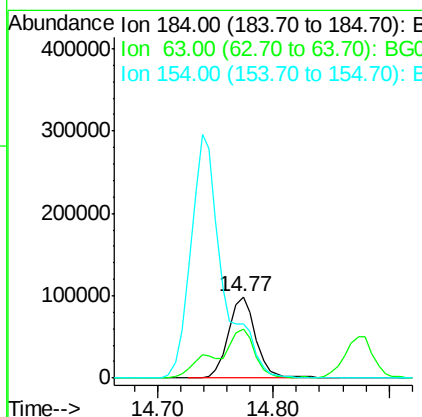
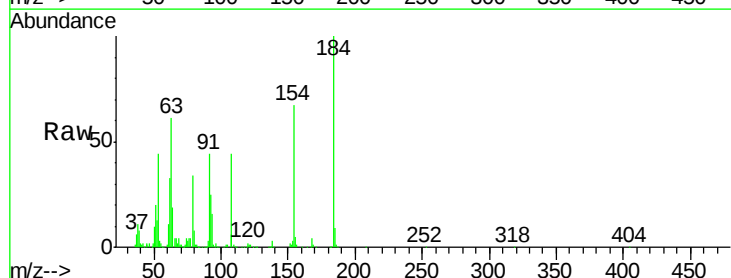
Instrument :
BNA_G
ClientSampleId :
PB127705BS

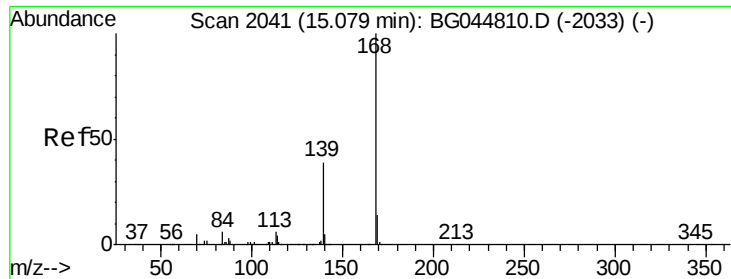
Tgt Ion:138 Resp: 83196
Ion Ratio Lower Upper
138 100
108 13.6 9.0 13.4#
92 131.2 96.8 145.2



#54
2,4-Dinitrophenol
Concen: 86.69 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:184 Resp: 161763
Ion Ratio Lower Upper
184 100
63 61.0 45.5 68.3
154 66.7 49.1 73.7

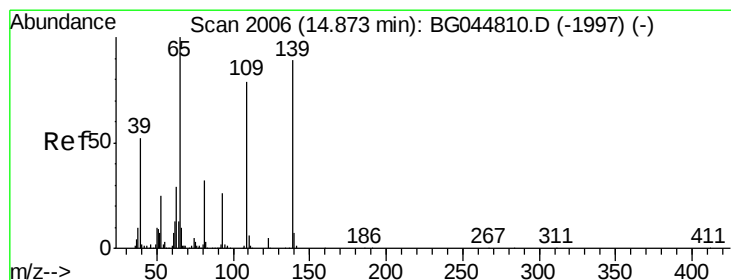
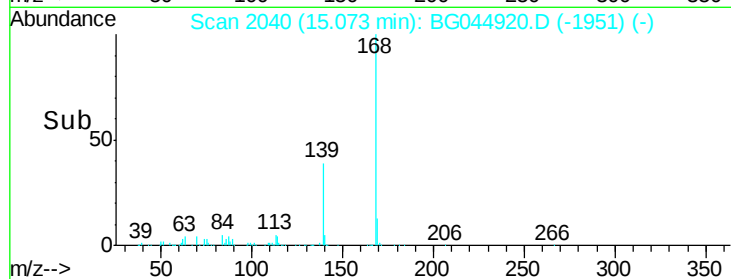
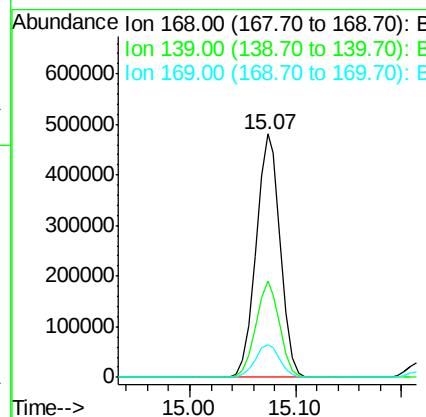
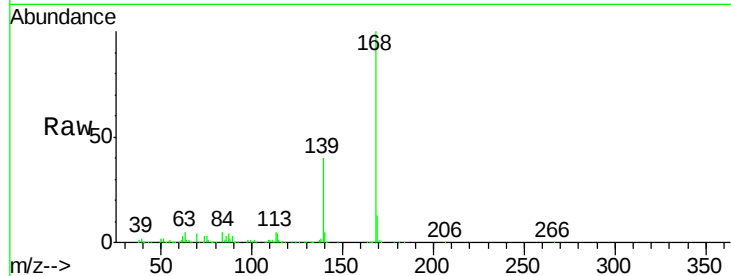




#55
Dibenzenofuran
Concen: 38.12 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

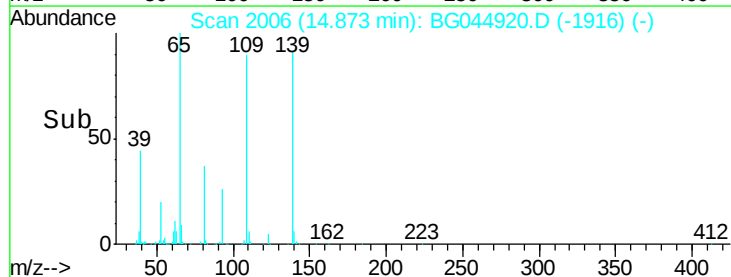
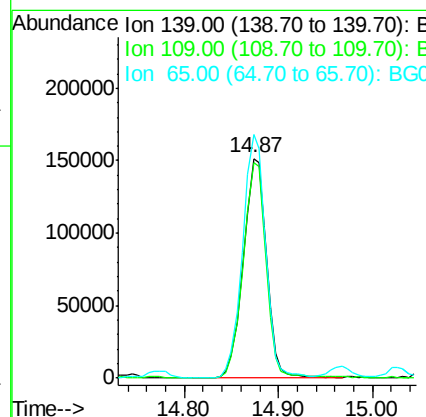
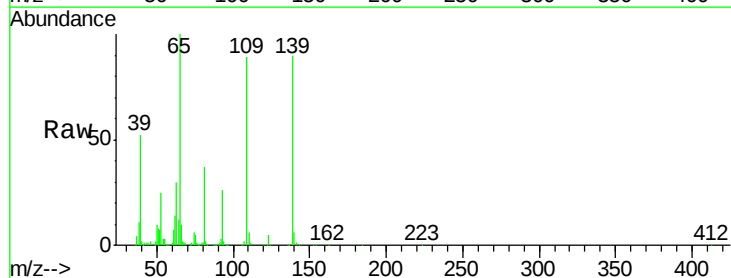
Instrument :
BNA_G
ClientSampleId :
PB127705BS

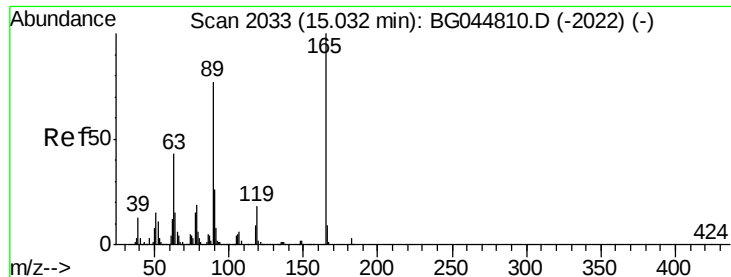
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.4	47.0
169	13.4	11.1	16.7



#56
4-Nitrophenol
Concen: 84.25 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.3	68.8	108.8
65	110.8	92.5	132.5

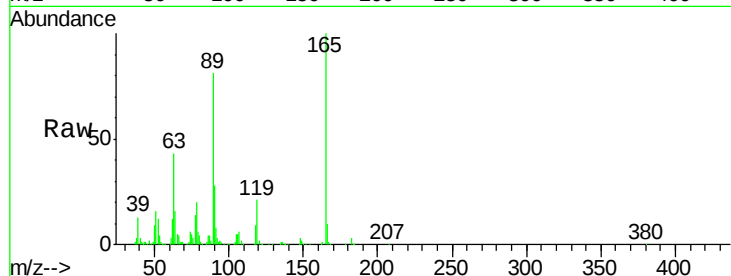




#57
2,4-Dinitrotoluene
Concen: 42.64 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	34.6	52.0
89	81.0	61.3	91.9
182	3.2	2.2	3.2

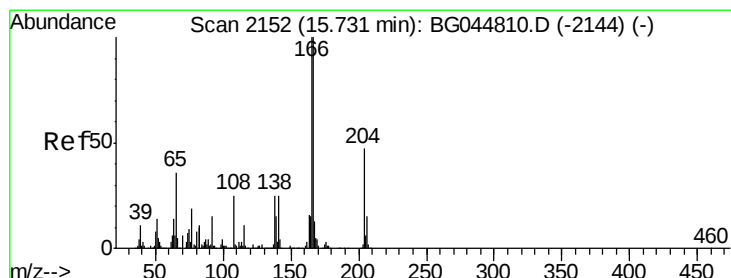
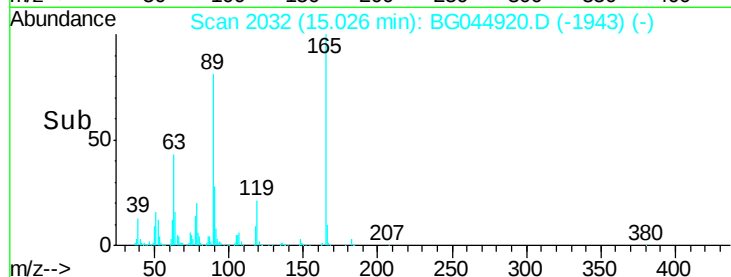
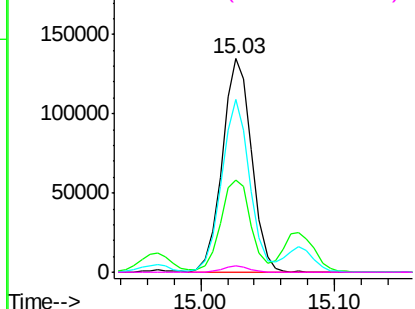


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

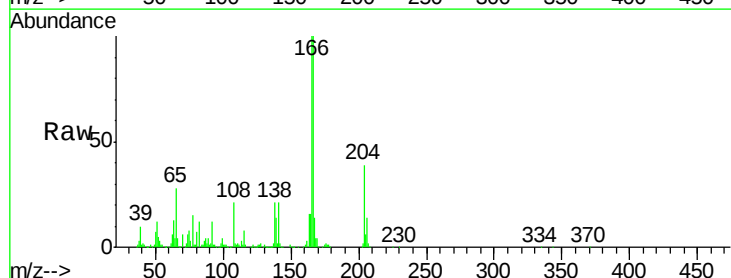
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.03 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

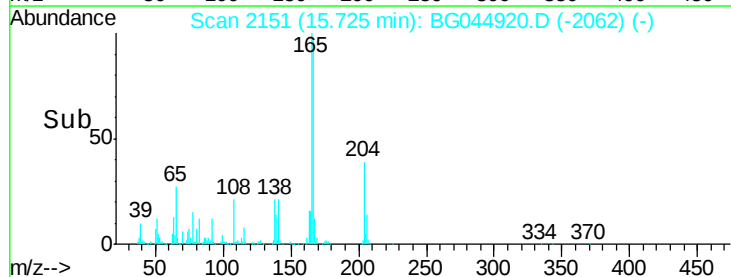
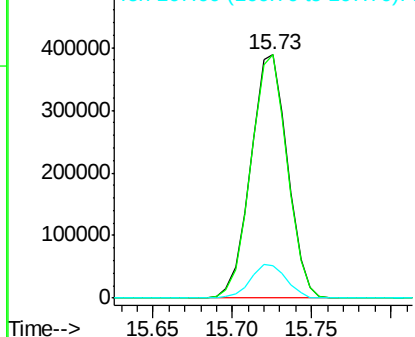
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.7	119.5
167	13.6	10.6	16.0

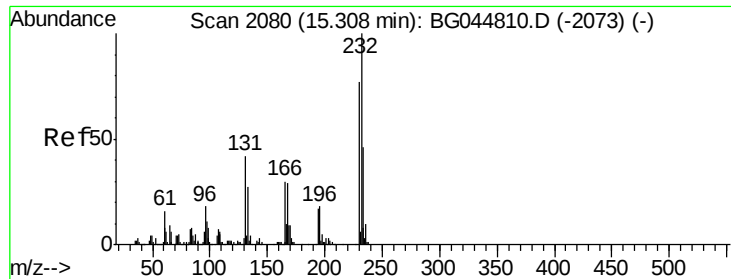


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

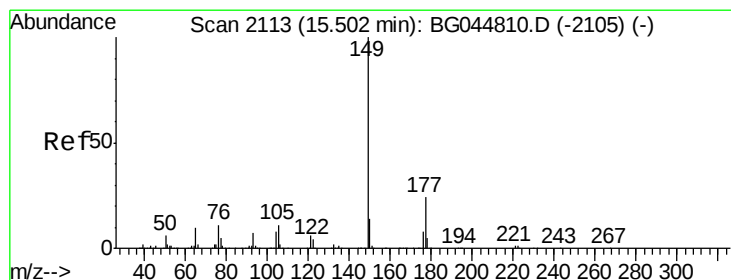
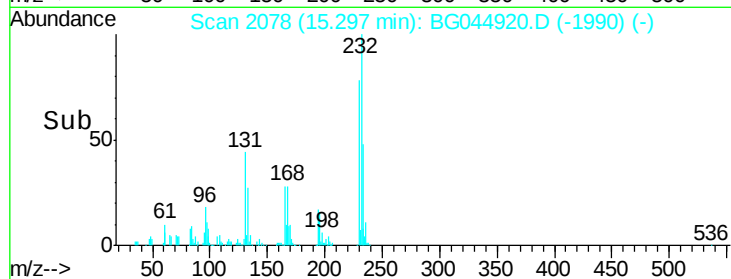
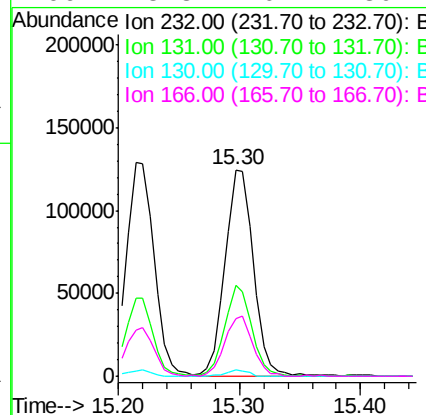
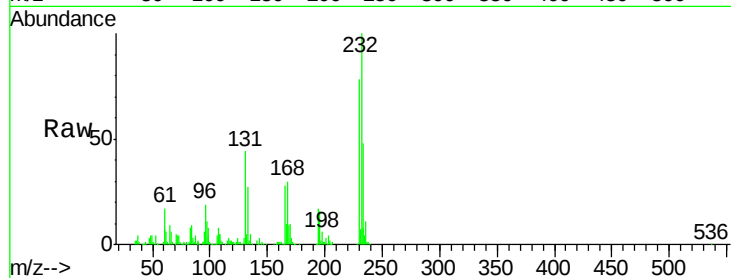




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.04 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

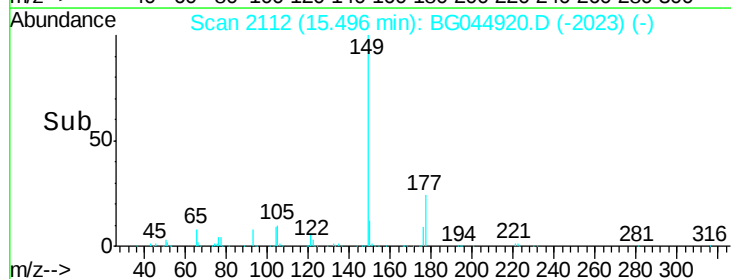
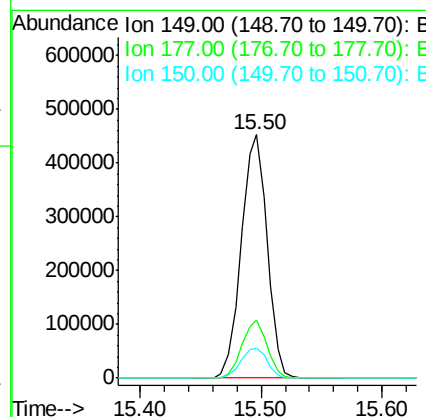
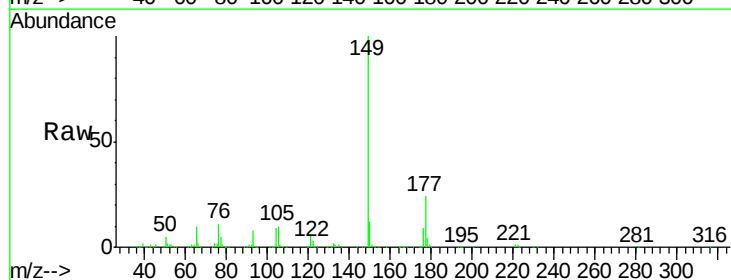
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

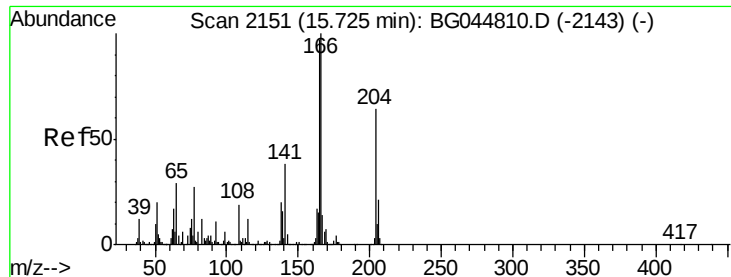
Tgt Ion:	232	Resp:	202616
Ion	Ratio	Lower	Upper
232	100		
131	41.6	31.8	47.8
130	2.5	2.2	3.2
166	28.3	20.2	30.2



#60
 Diethylphthalate
 Concen: 36.80 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion:	149	Resp:	673958
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.3	28.9
150	12.2	11.0	16.6

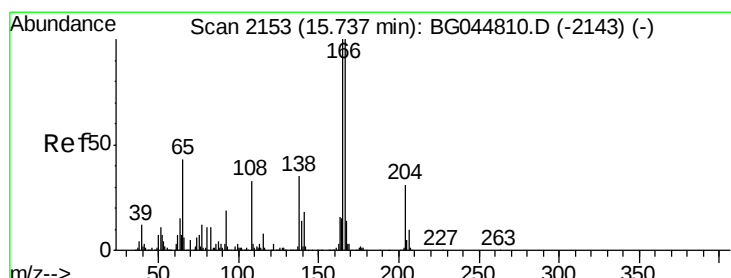
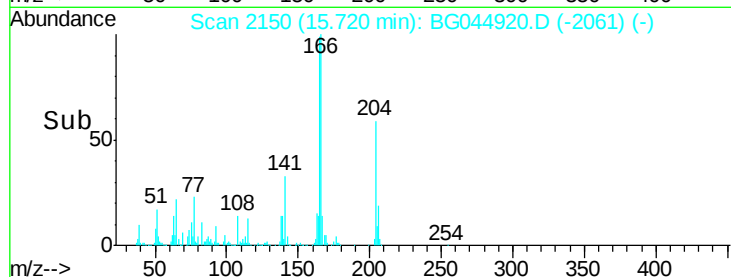
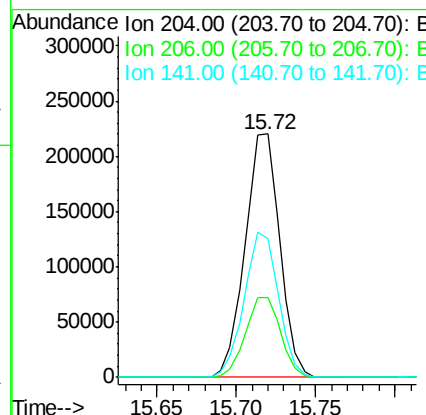
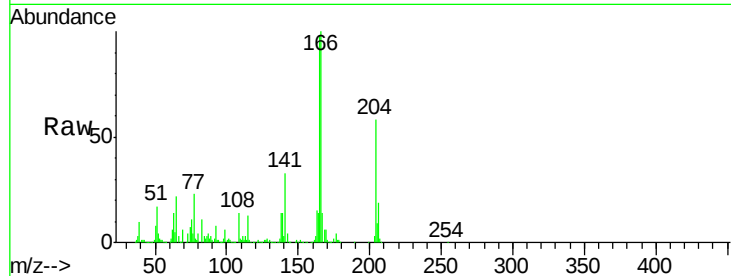




#61
 4-Chlorophenyl-phenylether
 Concen: 37.72 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

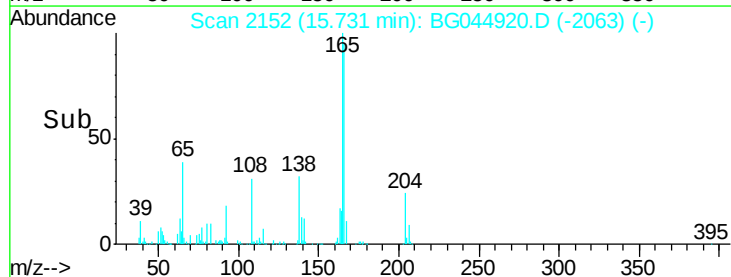
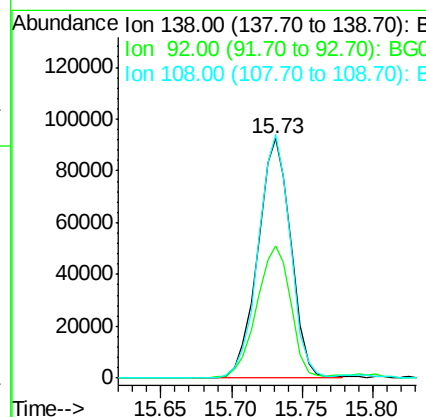
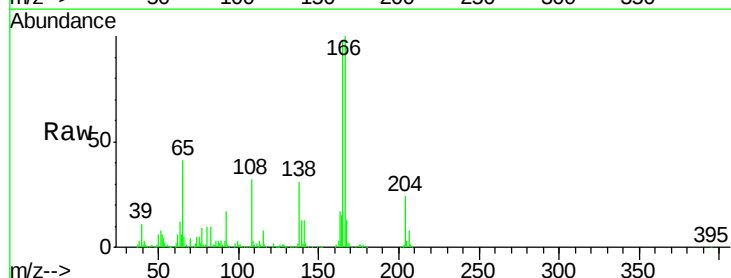
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

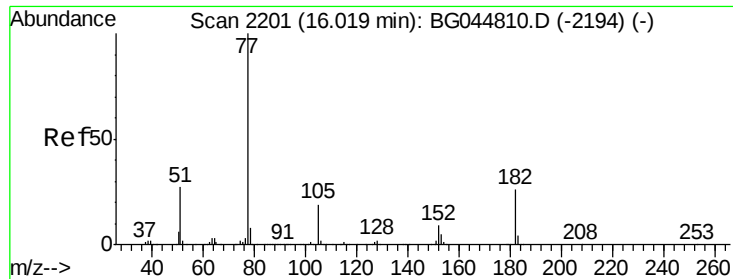
Tgt Ion: 204 Resp: 334556
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.2 39.2
 141 56.9 47.7 71.5



#62
 4-Nitroaniline
 Concen: 35.05 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion: 138 Resp: 152071
 Ion Ratio Lower Upper
 138 100
 92 55.4 34.5 74.5
 108 101.7 74.5 114.5





#63

Azobenzene

Concen: 35.05 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

Tgt Ion: 77 Resp: 666605

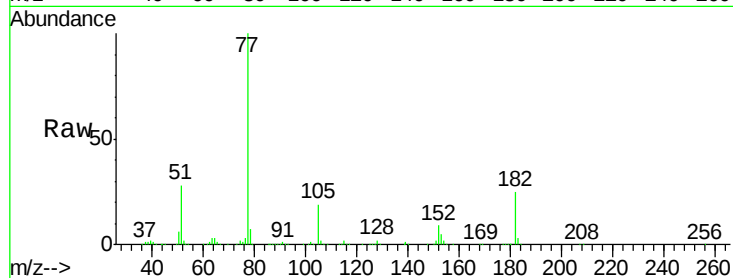
Ion Ratio Lower Upper

77 100

182 24.8 6.4 46.4

105 18.9 0.0 39.1

51 27.6 7.3 47.3

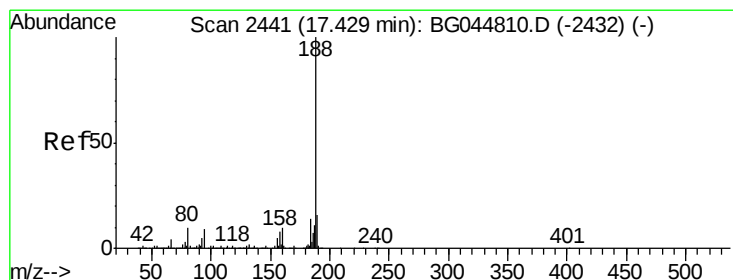
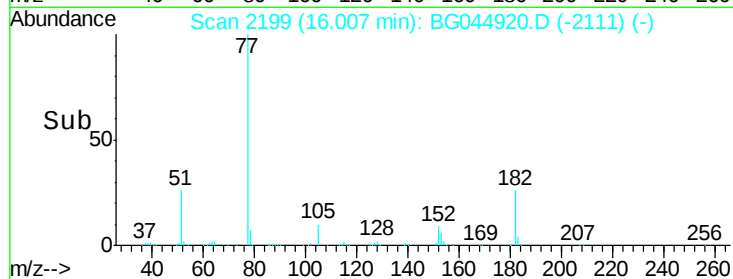
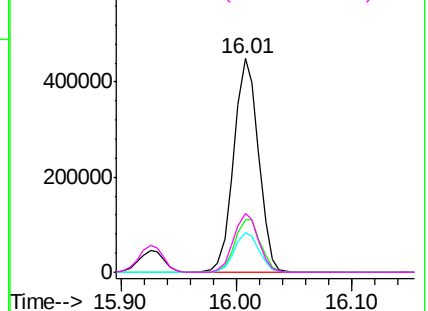


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044920.D

Acq: 20 Mar 2020 15:15

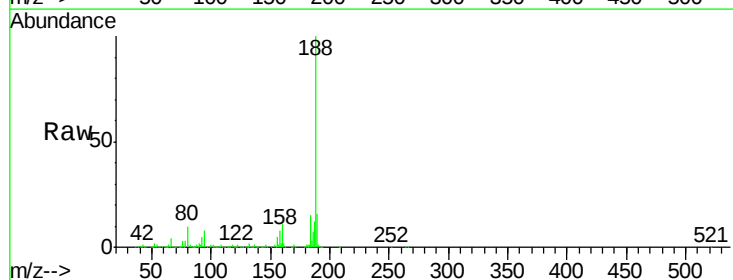
Tgt Ion: 188 Resp: 504243

Ion Ratio Lower Upper

188 100

94 7.7 7.3 10.9

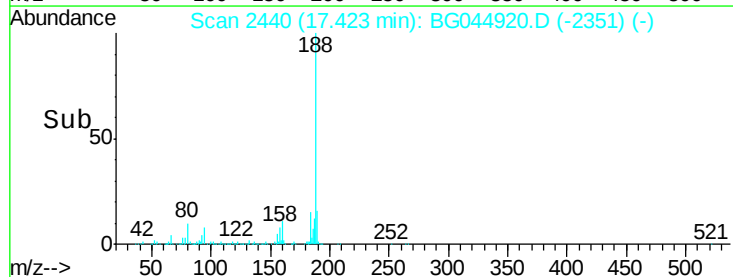
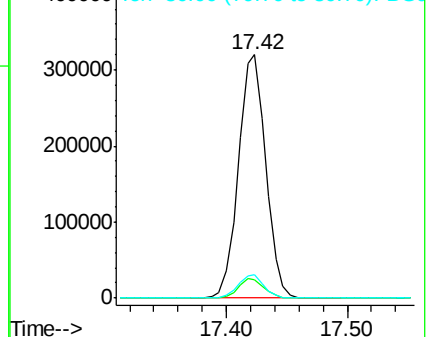
80 9.8 8.0 12.0

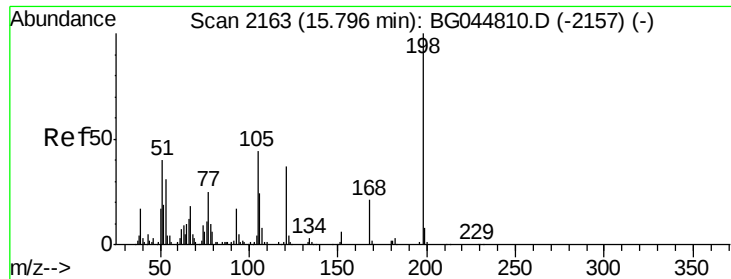


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

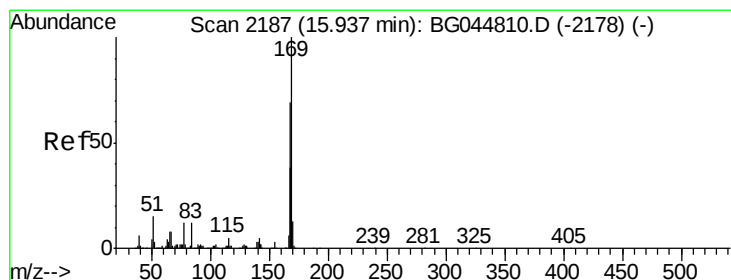
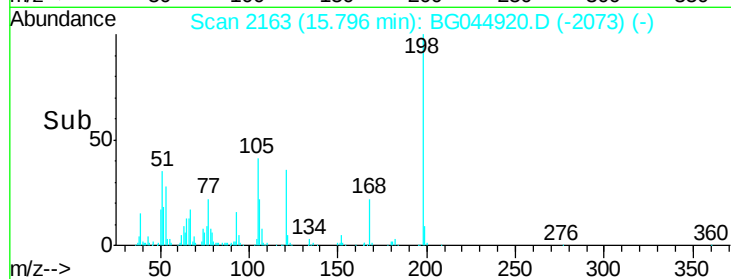
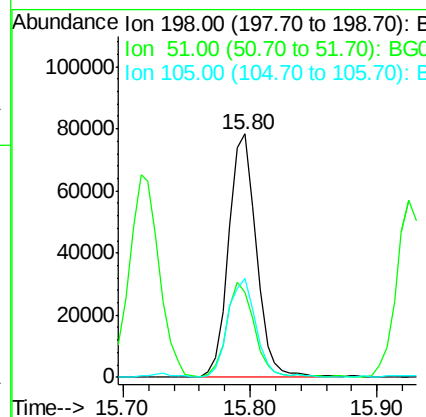
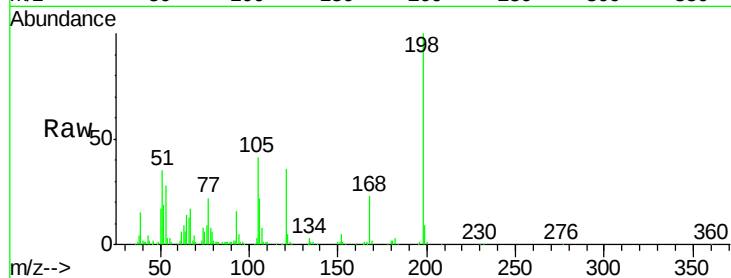




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.69 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

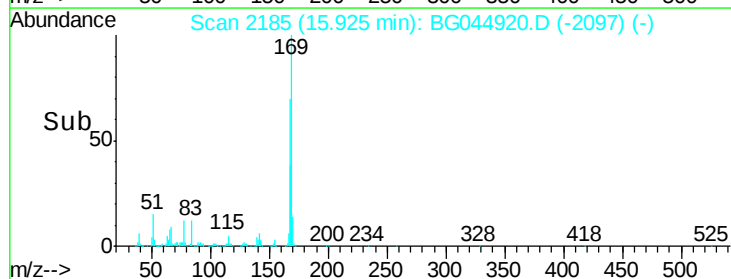
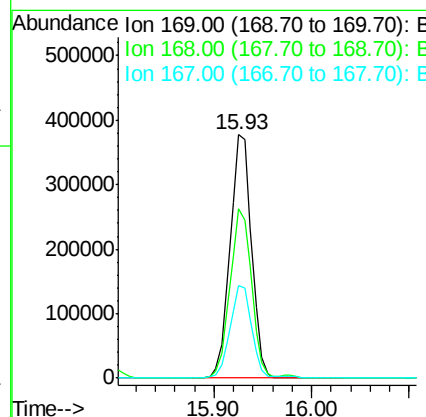
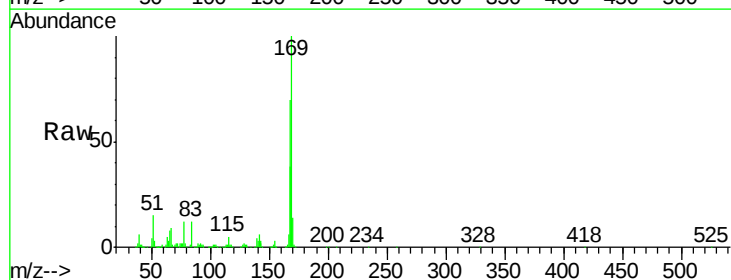
Instrument :
 BNA_G
 ClientSampleId :
 PB127705BS

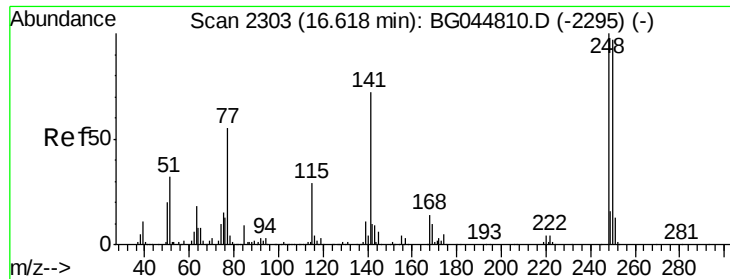
Tgt Ion:198 Resp: 118686
 Ion Ratio Lower Upper
 198 100
 51 35.0 21.1 61.1
 105 40.6 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 37.77 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG044920.D
 Acq: 20 Mar 2020 15:15

Tgt Ion:169 Resp: 573431
 Ion Ratio Lower Upper
 169 100
 168 69.6 55.4 83.2
 167 38.1 30.1 45.1

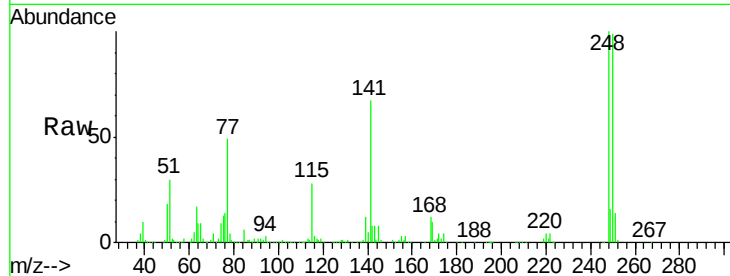




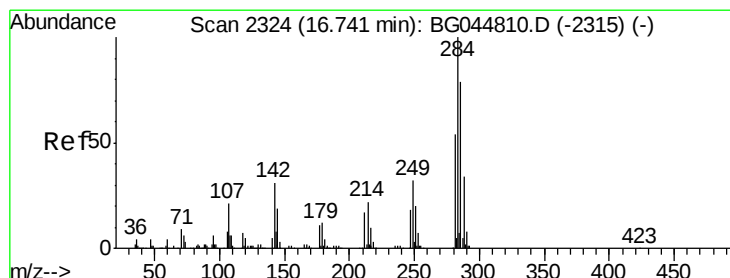
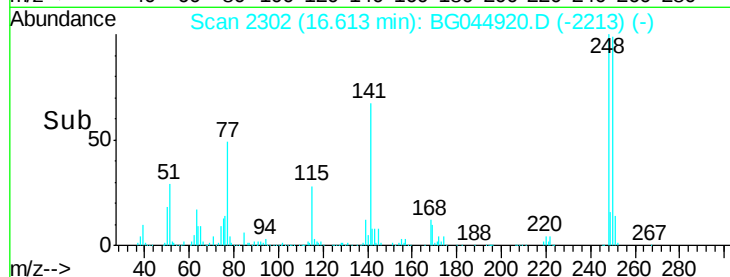
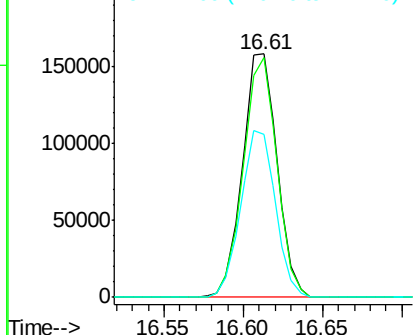
#67
4-Bromophenyl-phenylether
Concen: 38.04 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tgt Ion:248 Resp: 239786
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 66.8 57.5 86.3

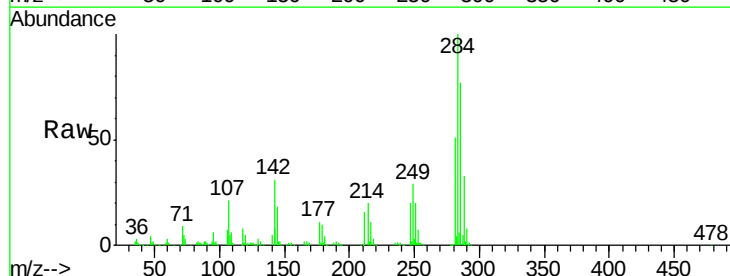


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

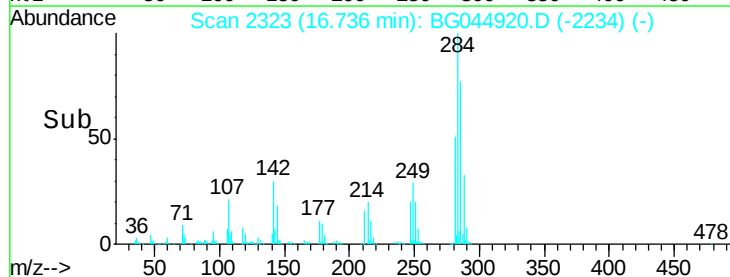
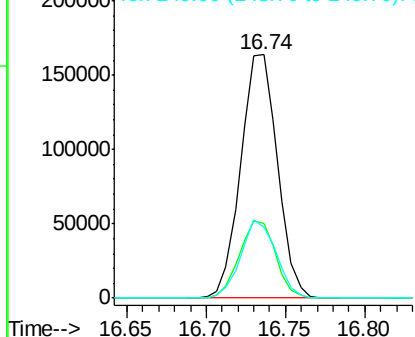


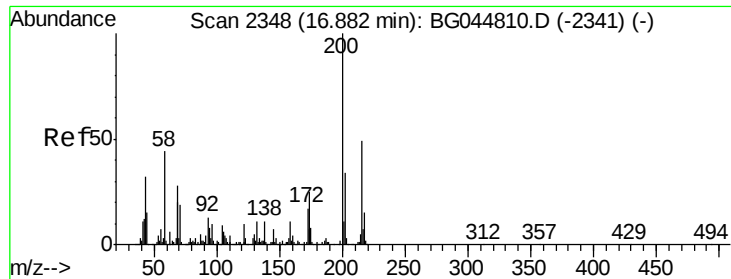
#68
Hexachlorobenzene
Concen: 38.40 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:284 Resp: 262633
Ion Ratio Lower Upper
284 100
142 30.6 25.0 37.6
249 29.3 25.8 38.8



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





#69

Atrazine

Concen: 41.38 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

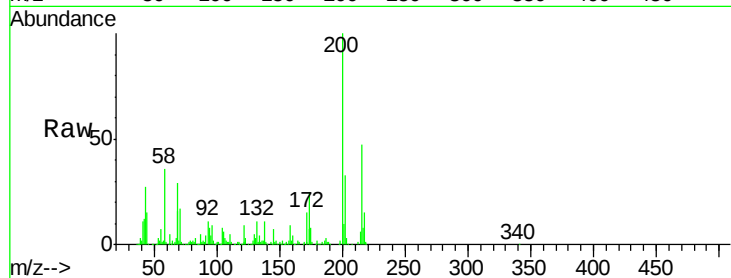
Tgt Ion:200 Resp: 230151

Ion Ratio Lower Upper

200 100

173 24.6 5.3 45.3

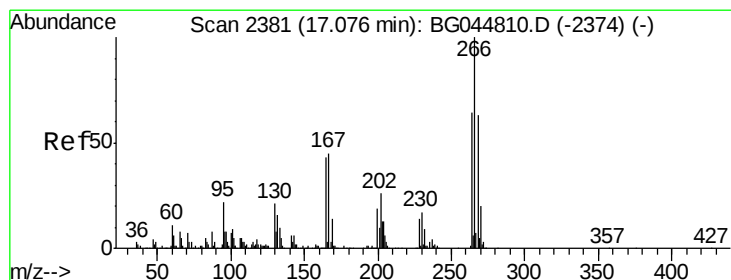
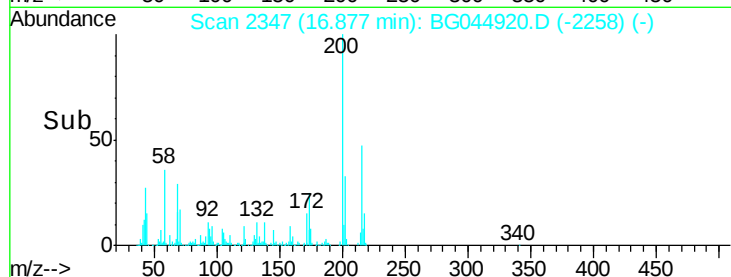
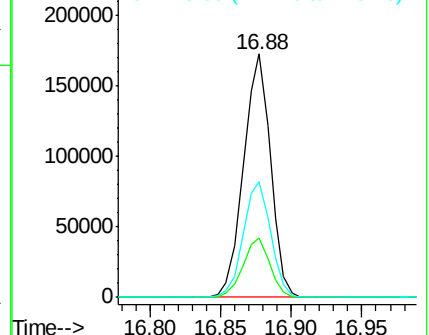
215 47.5 28.9 68.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.47 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

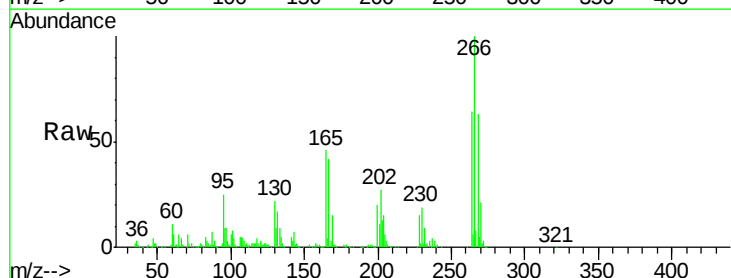
Tgt Ion:266 Resp: 321595

Ion Ratio Lower Upper

266 100

268 62.8 50.3 75.5

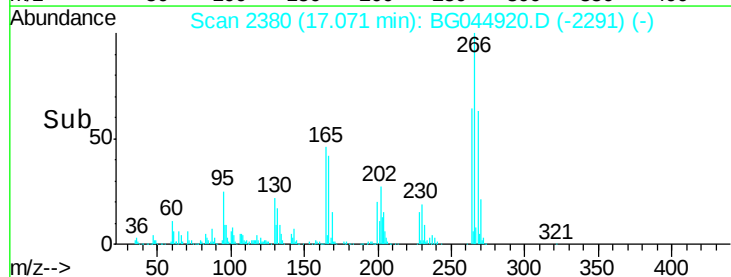
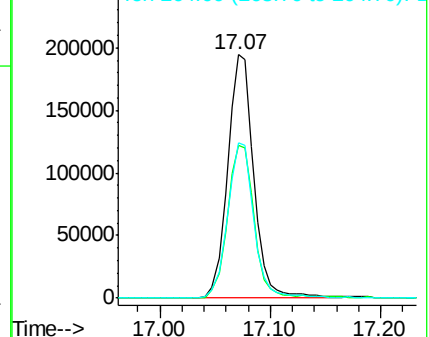
264 63.8 51.4 77.2

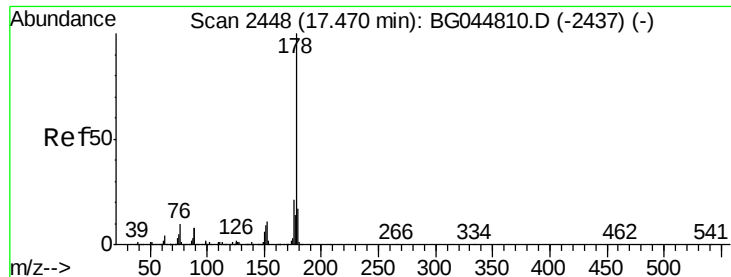


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.18 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

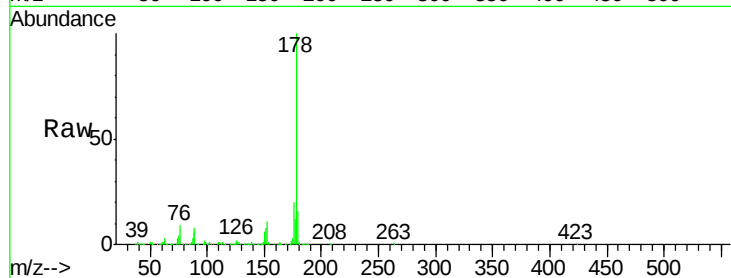
Tgt Ion:178 Resp: 1028799

Ion Ratio Lower Upper

178 100

176 20.4 16.6 24.8

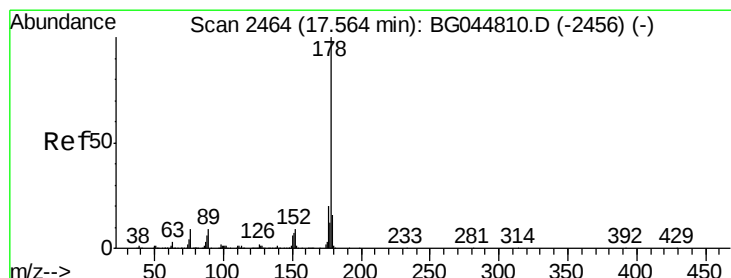
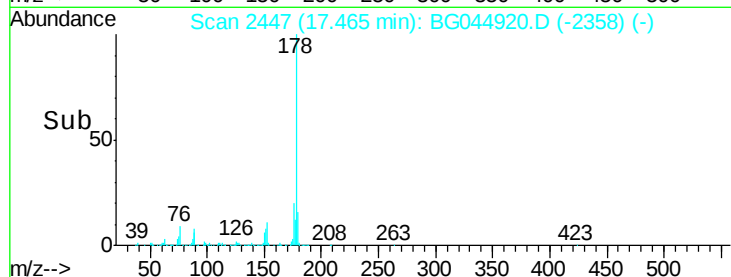
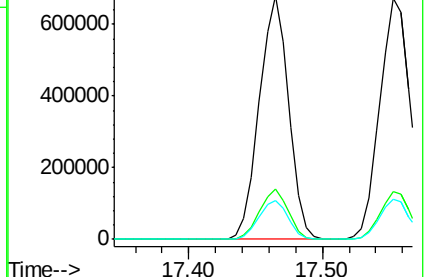
179 16.2 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.87 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

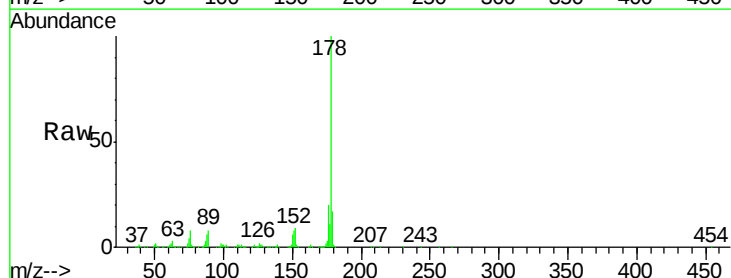
Tgt Ion:178 Resp: 1059413

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

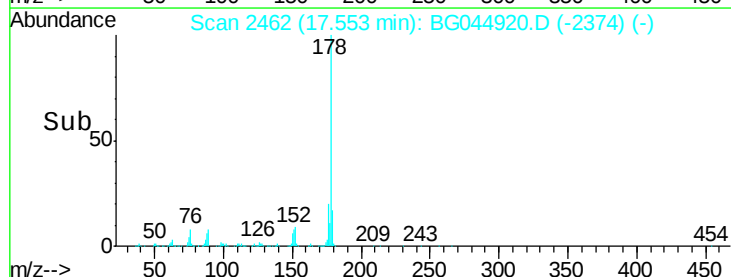
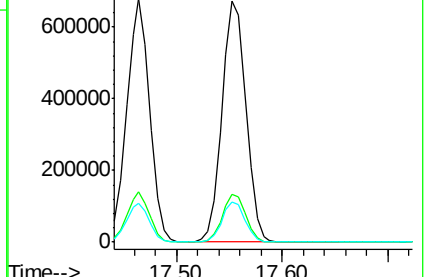
179 16.6 13.2 19.8

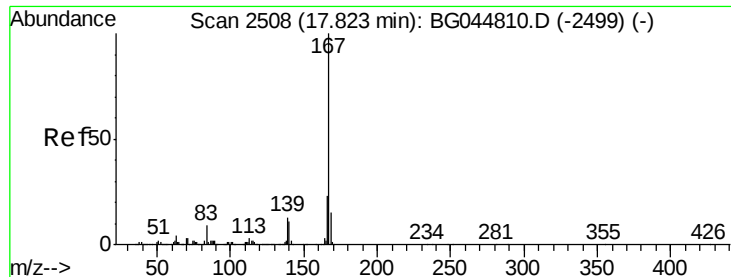


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.68 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

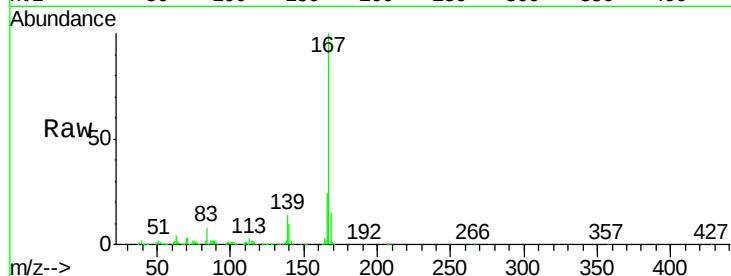
Tgt Ion:167 Resp: 987098

Ion Ratio Lower Upper

167 100

166 23.6 18.8 28.2

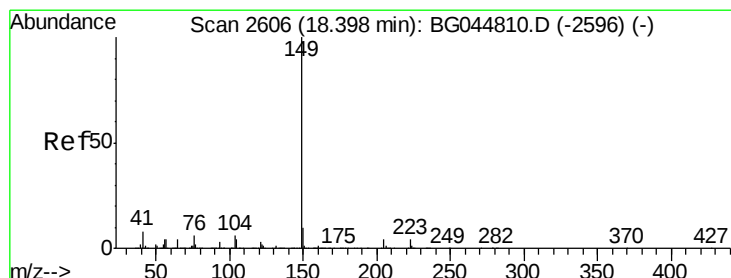
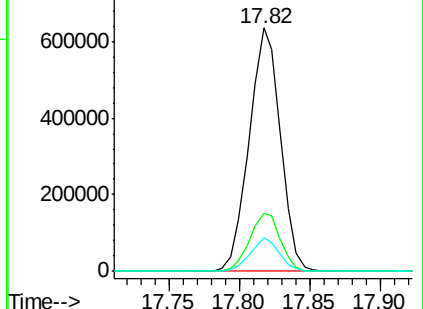
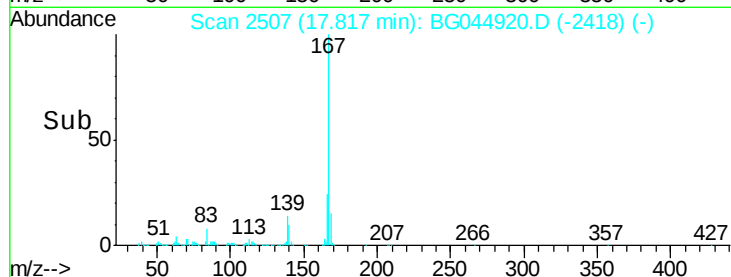
139 13.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.50 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

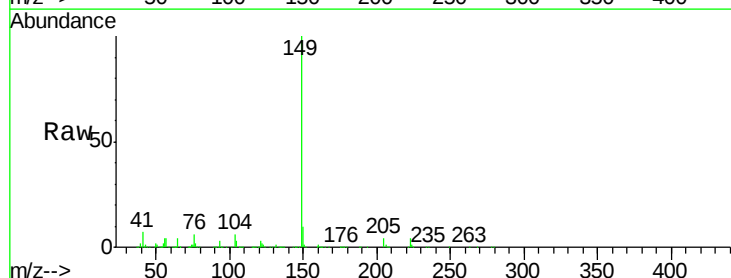
Tgt Ion:149 Resp: 1163474

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

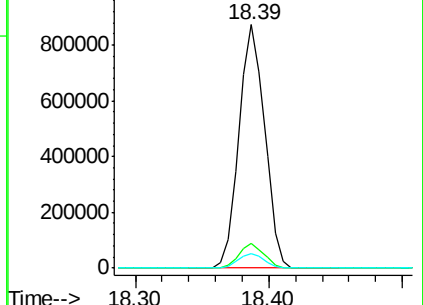
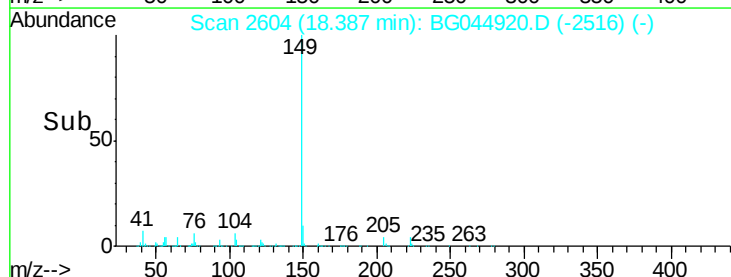
104 6.2 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.81 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

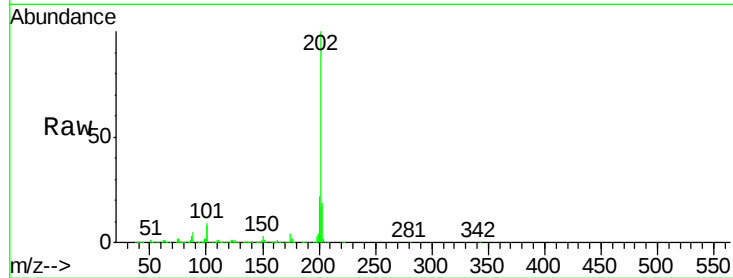
Tgt Ion:202 Resp: 1309407

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.8

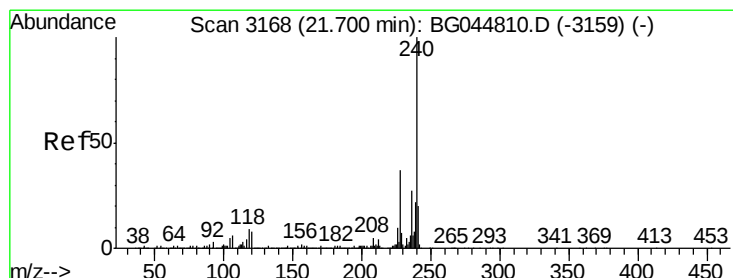
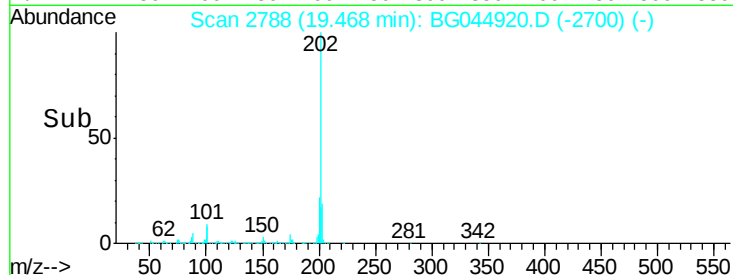
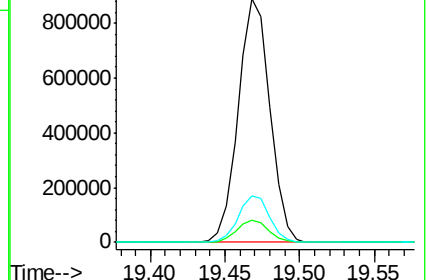
203 19.0 0.0 39.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

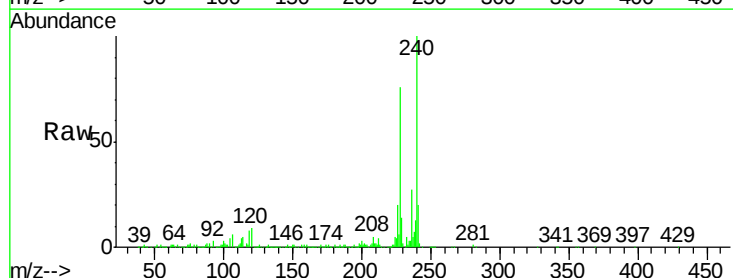
Tgt Ion:240 Resp: 498935

Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

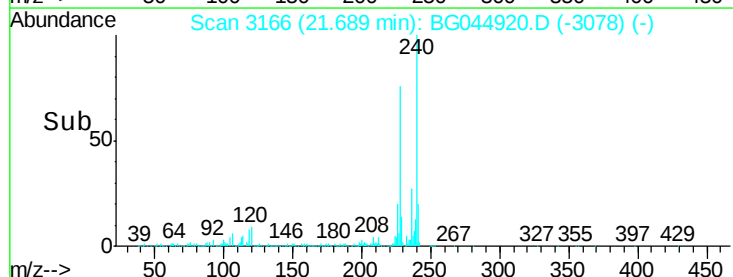
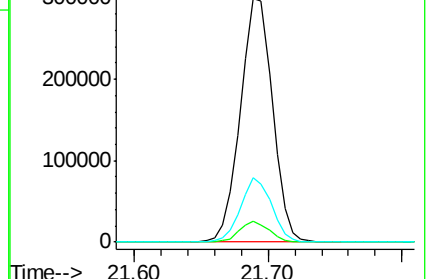
236 26.6 21.5 32.3

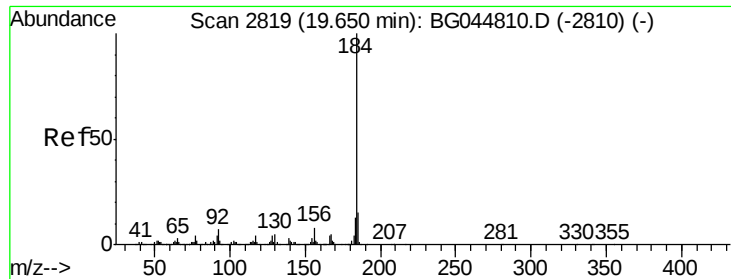


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.12 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

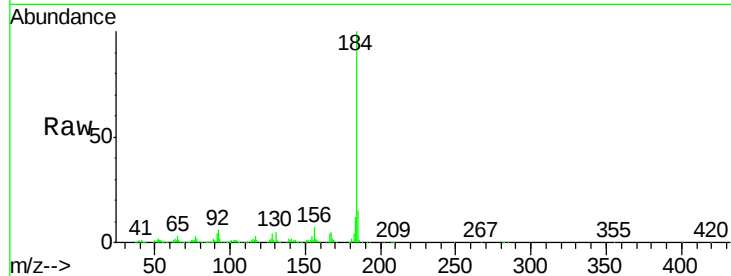
Tgt Ion:184 Resp: 536492

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.4

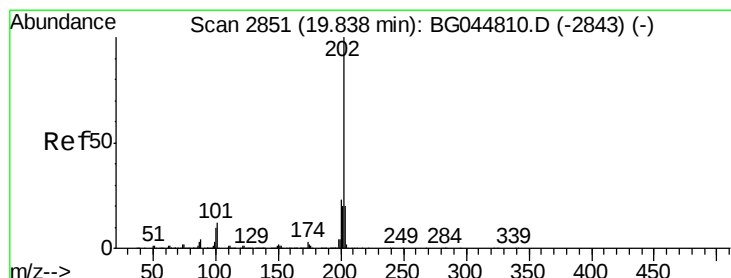
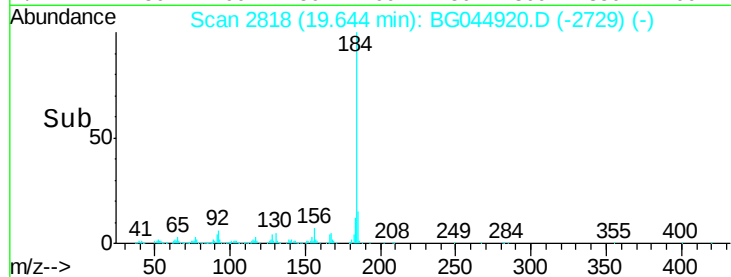
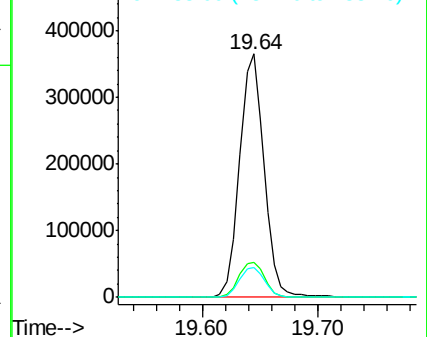
183 12.4 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.78 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

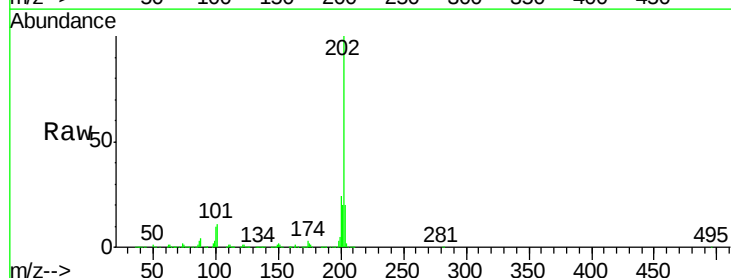
Tgt Ion:202 Resp: 1309575

Ion Ratio Lower Upper

202 100

200 23.8 18.3 27.5

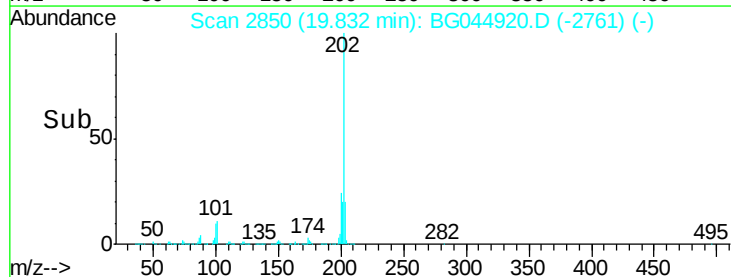
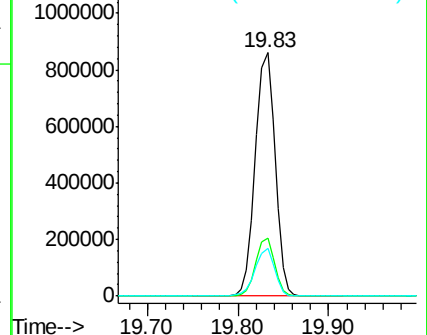
203 19.6 15.6 23.4

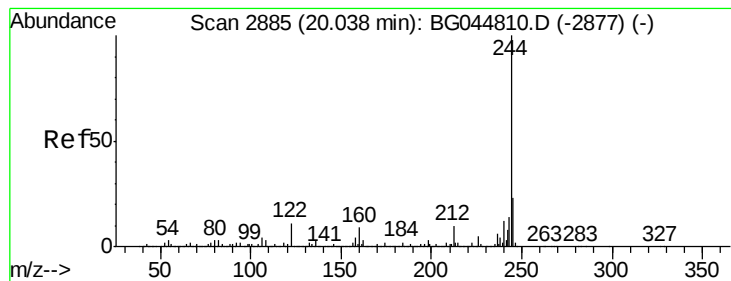


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.04 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

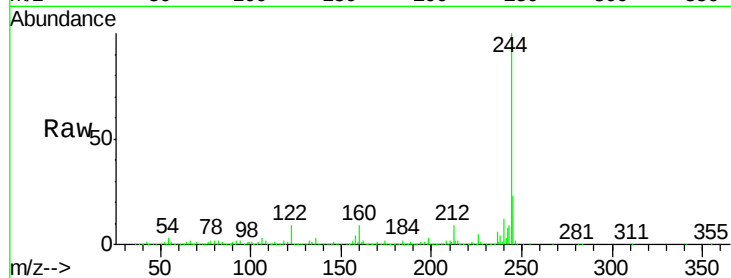
Tgt Ion:244 Resp: 1894953

Ion Ratio Lower Upper

244 100

212 9.4 7.7 11.5

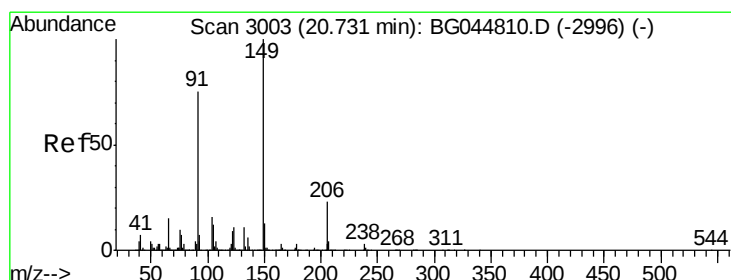
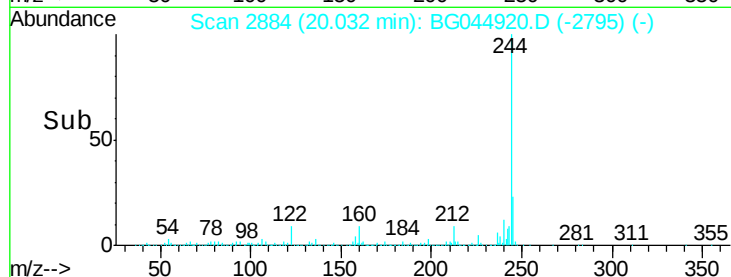
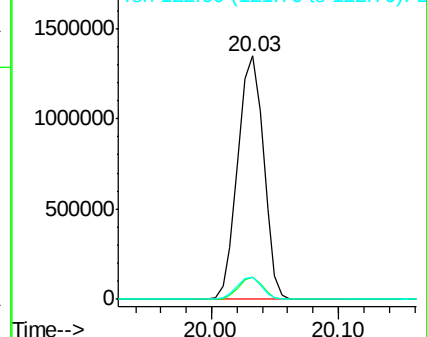
122 9.2 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.23 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

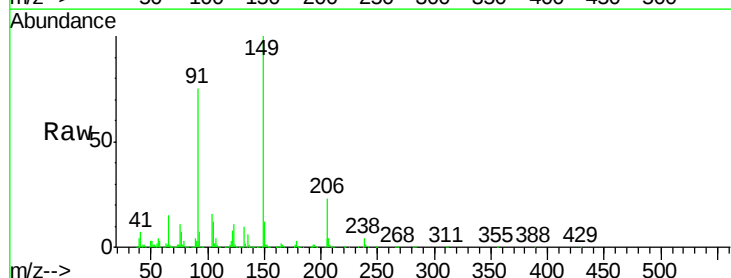
Tgt Ion:149 Resp: 557463

Ion Ratio Lower Upper

149 100

91 74.6 60.2 90.4

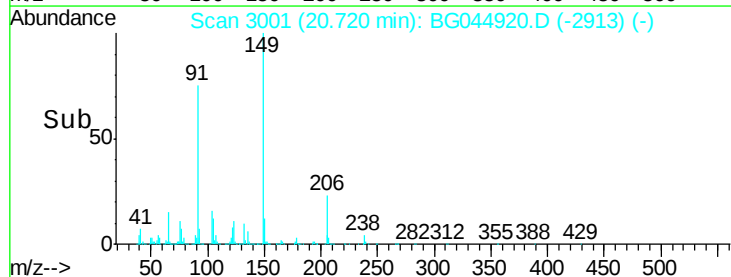
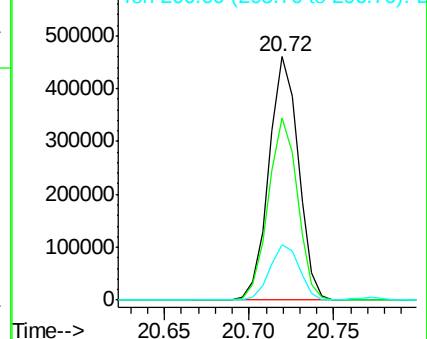
206 22.8 18.6 27.8

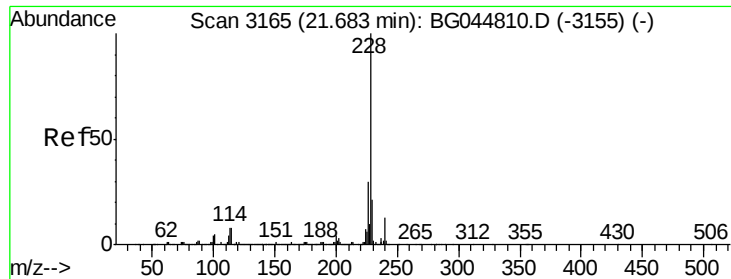


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.88 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

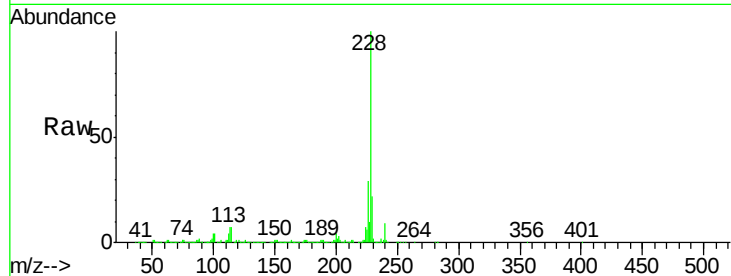
Tgt Ion:228 Resp: 1288979

Ion Ratio Lower Upper

228 100

226 28.5 23.6 35.4

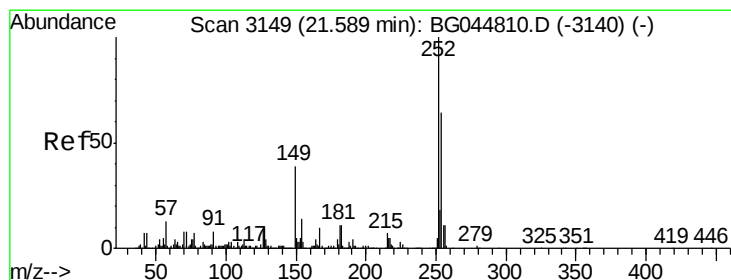
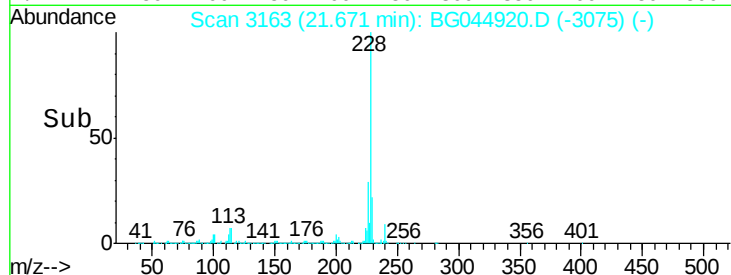
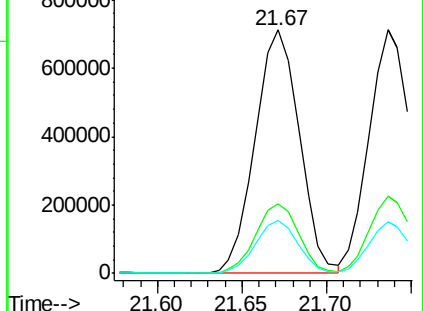
229 21.8 17.1 25.7



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: 21.70 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

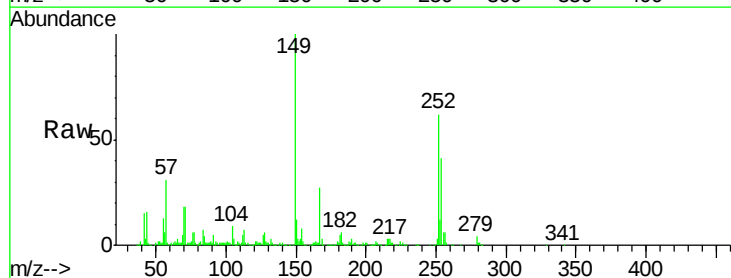
Tgt Ion:252 Resp: 301546

Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

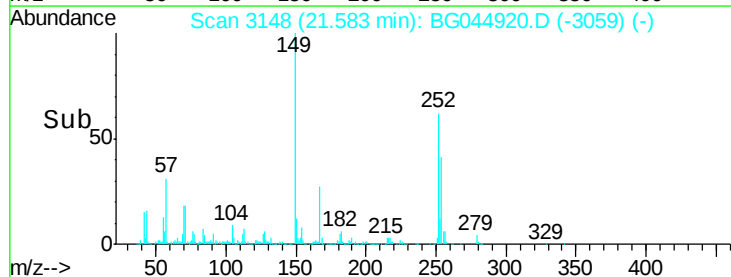
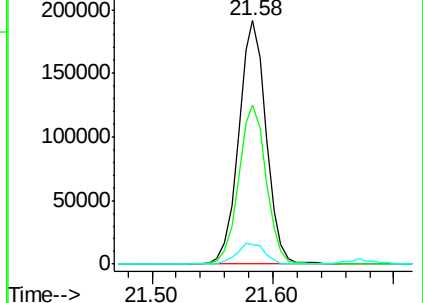
126 8.3 7.0 10.6

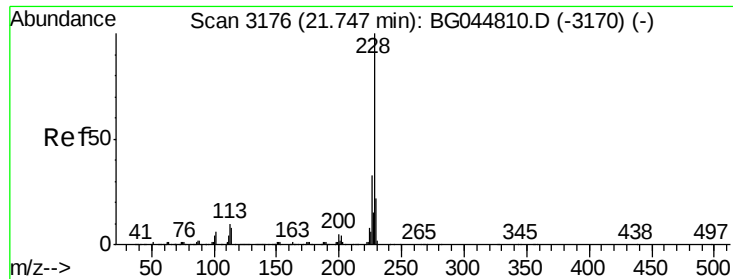


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.09 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

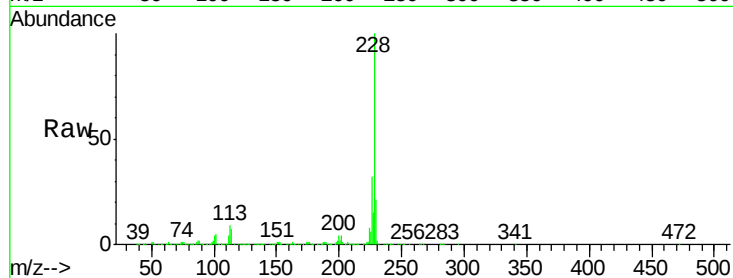
Tgt Ion:228 Resp: 1204131

Ion Ratio Lower Upper

228 100

226 31.7 25.9 38.9

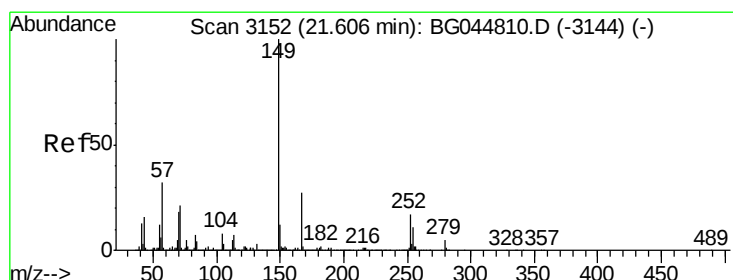
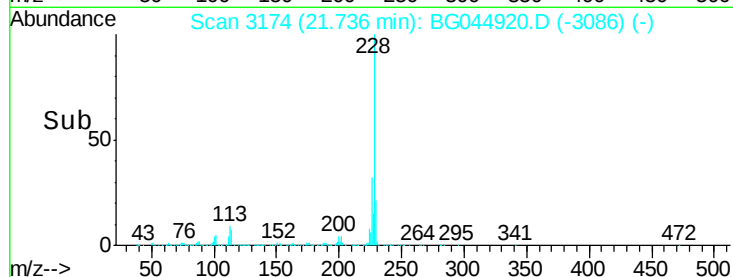
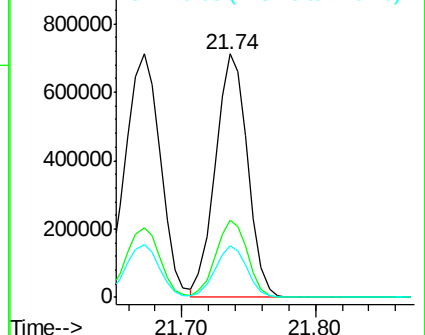
229 21.0 17.4 26.0



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: 34.00 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

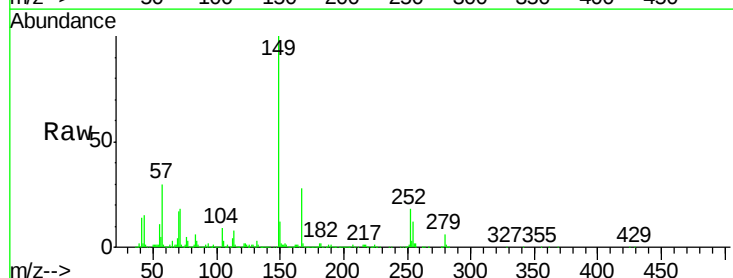
Tgt Ion:149 Resp: 764087

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

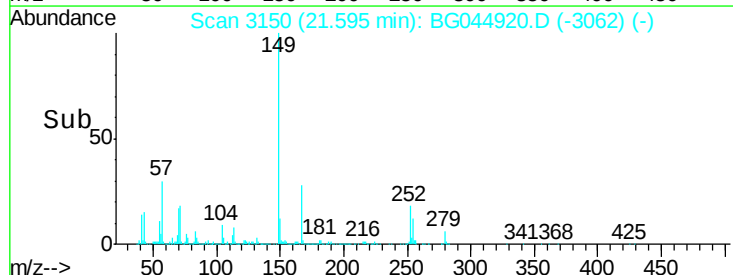
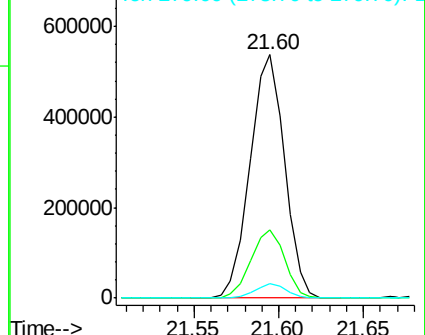
279 5.7 3.8 5.6#

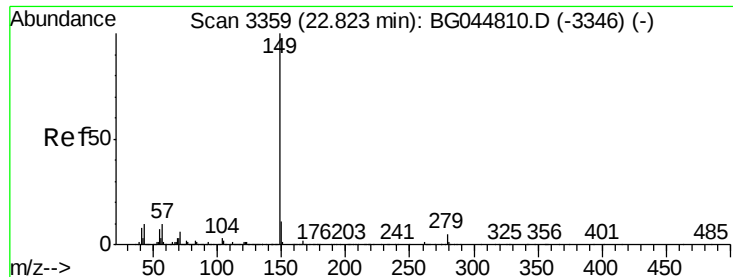


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.11 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

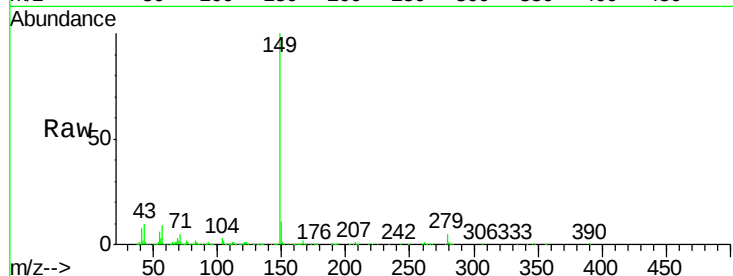
Tgt Ion:149 Resp: 1320549

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.6 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

800000

600000

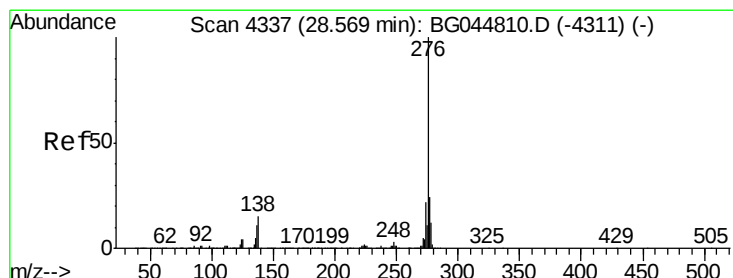
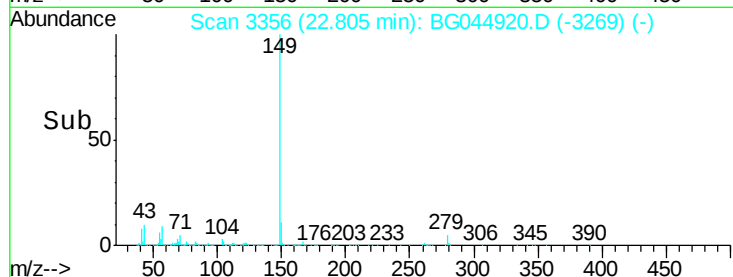
400000

200000

0

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.21 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

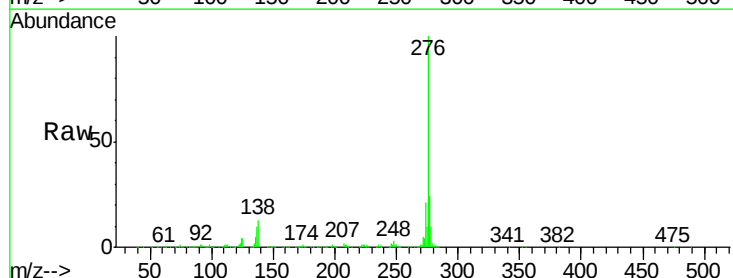
Tgt Ion:276 Resp: 1629328

Ion Ratio Lower Upper

276 100

138 12.6 7.4 11.0#

277 25.8 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

300000

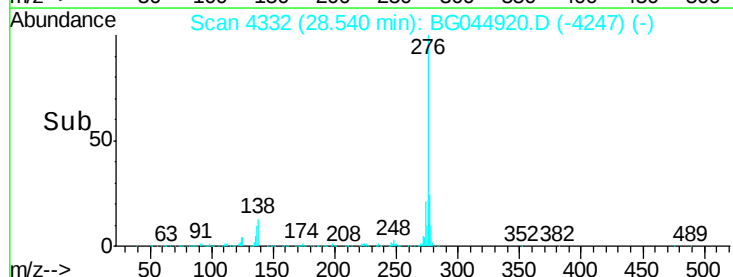
200000

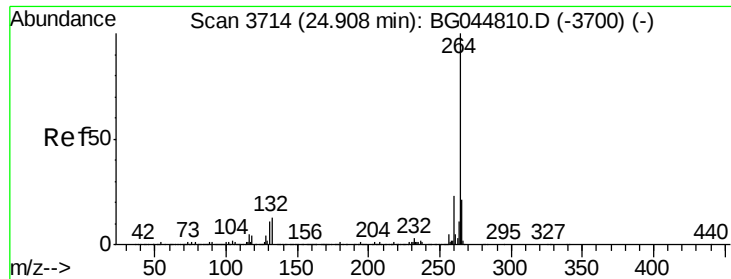
100000

0

28.40 28.60 28.80

Time-->



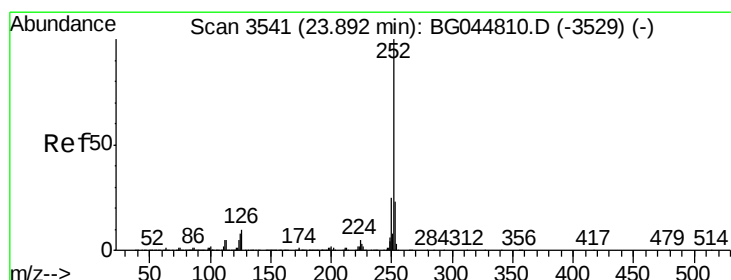
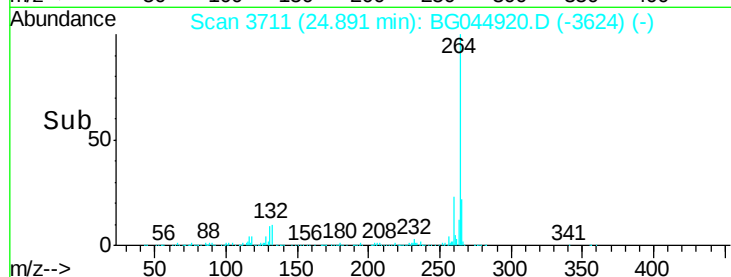
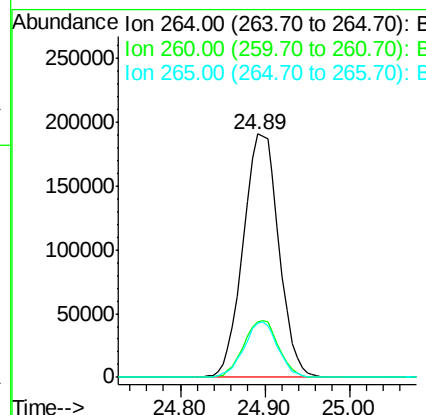
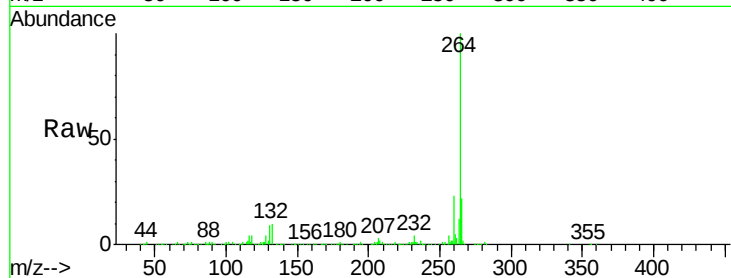


#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Instrument :
BNA_G
ClientSampleId :
PB127705BS

Tgt Ion:264 Resp: 560269

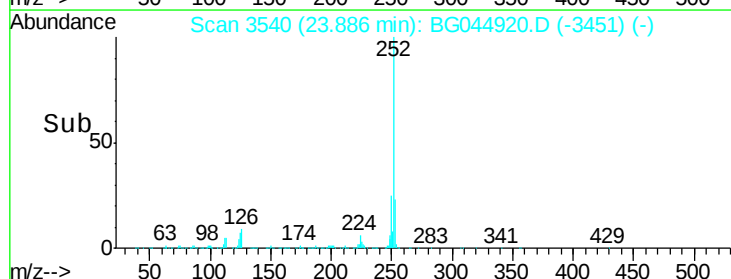
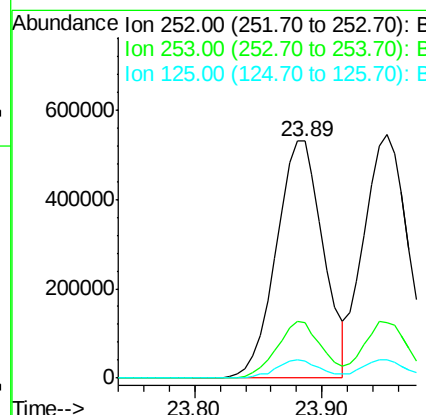
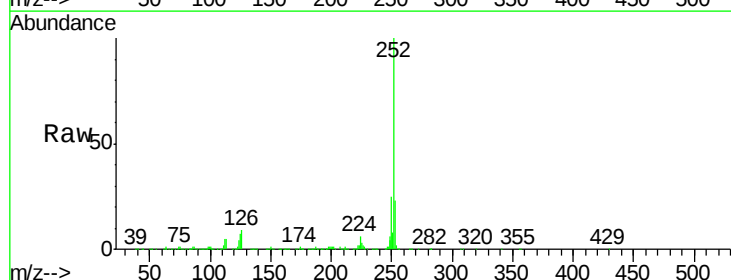
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.1	27.1
265	22.0	17.1	25.7

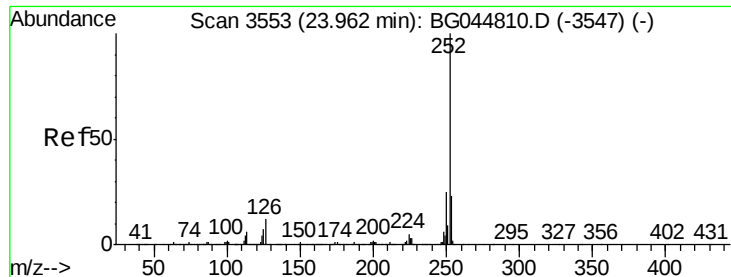


#88
Benzo(b)fluoranthene
Concen: 36.99 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.01 min
Lab File: BG044920.D
Acq: 20 Mar 2020 15:15

Tgt Ion:252 Resp: 1368121

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	7.3	6.6	9.8





#89

Benzo(k)fluoranthene

Concen: 37.48 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

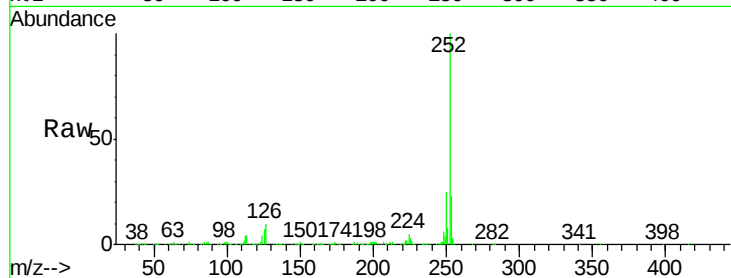
Tgt Ion:252 Resp: 1311776

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

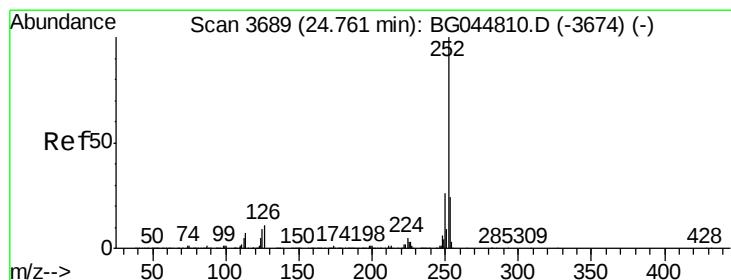
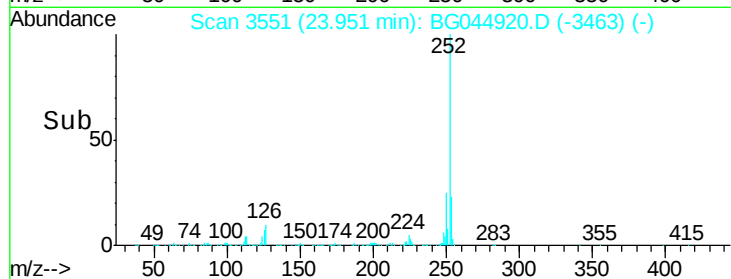
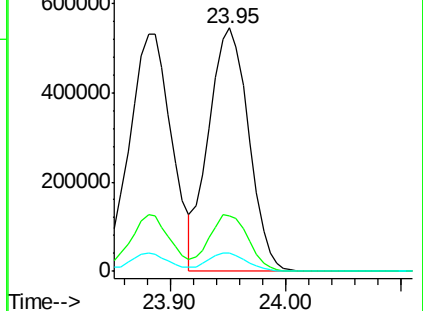
125 7.3 6.2 9.2



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: 37.01 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

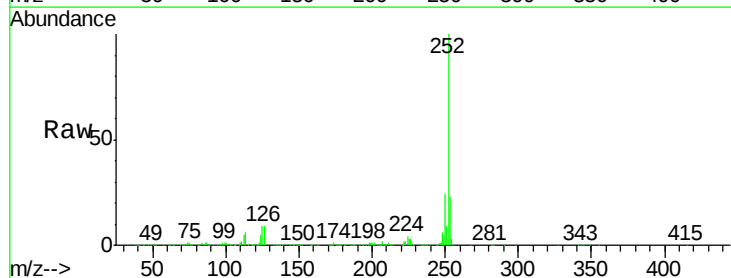
Tgt Ion:252 Resp: 1281031

Ion Ratio Lower Upper

252 100

253 22.7 19.4 29.0

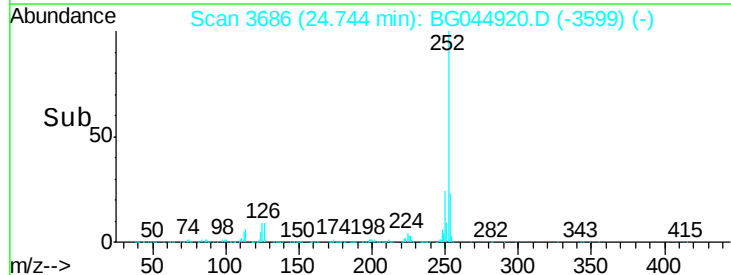
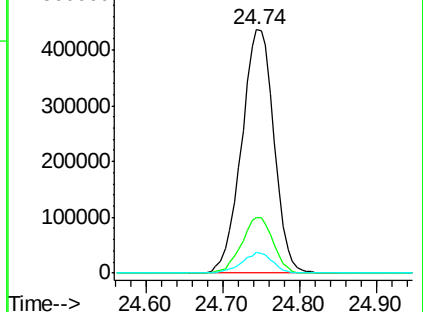
125 8.5 7.2 10.8

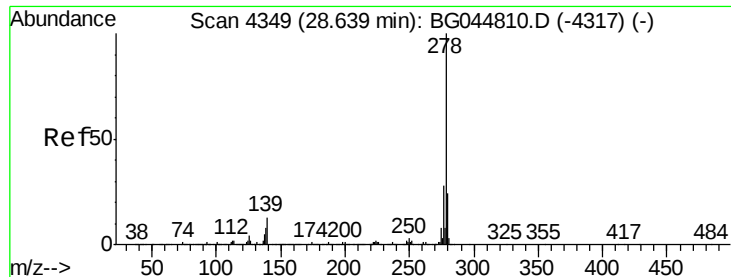


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.08 ng

RT: 28.60 min Scan# 4343

Delta R.T. -0.03 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Instrument :

BNA_G

ClientSampleId :

PB127705BS

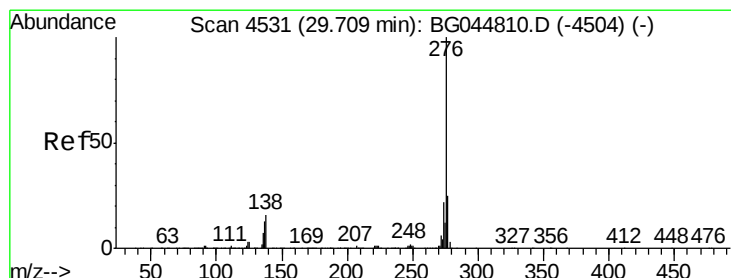
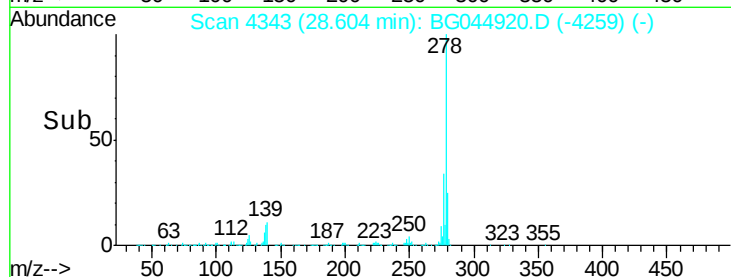
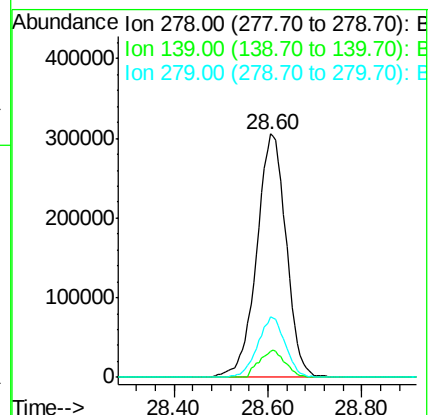
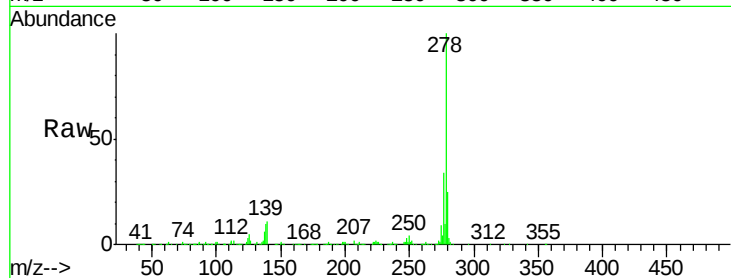
Tgt Ion:278 Resp: 1334241

Ion Ratio Lower Upper

278 100

139 10.6 10.2 15.2

279 25.1 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 39.22 ng

RT: 29.67 min Scan# 4525

Delta R.T. -0.03 min

Lab File: BG044920.D

Acq: 20 Mar 2020 15:15

Tgt Ion:276 Resp: 1352898

Ion Ratio Lower Upper

276 100

277 24.1 20.1 30.1

138 14.0 13.0 19.6

