

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043002.D
 Acq On : 3 Oct 2019 2:48
 Operator : JU
 Sample : PB123570BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Quant Time: Oct 03 06:03:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69436	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	277292	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	197988	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	480029	20.00	ng	0.00
76) Chrysene-d12	21.70	240	523354	20.00	ng	-0.01
87) Perylene-d12	24.92	264	541848	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	459225	118.03	ng	0.00
7) Phenol-d6	7.24	99	617218	110.16	ng	0.00
23) Nitrobenzene-d5	9.23	82	377165	66.11	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	386672	113.58	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	918219	67.23	ng	-0.01
79) Terphenyl-d14	20.04	244	1729260	70.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	57039	35.162	ng	93
3) Pyridine	3.95	79	141893	31.099	ng	93
4) n-Nitrosodimethylamine	3.86	42	88825	40.484	ng	92
6) Aniline	7.40	93	213313	31.539	ng	97
8) 2-Chlorophenol	7.64	128	194182	47.856	ng	98
9) Benzaldehyde	7.21	77	101036	29.510	ng	92
10) Phenol	7.27	94	240460	46.777	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	173248	43.558	ng	95
12) 1,3-Dichlorobenzene	7.96	146	209077	40.392	ng	98
13) 1,4-Dichlorobenzene	8.10	146	217601	42.170	ng	98
14) 1,2-Dichlorobenzene	8.42	146	204218	41.570	ng	95
15) Benzyl Alcohol	8.31	79	183065	43.458	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	269422	35.272	ng	99
17) 2-Methylphenol	8.51	107	164878	45.839	ng	96
18) Hexachloroethane	9.16	117	77830	40.050	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	144810	39.360	ng	97
20) 3+4-Methylphenols	8.84	107	223929	45.429	ng	93
22) Acetophenone	8.89	105	281700	39.411	ng	# 97
24) Nitrobenzene	9.28	77	227721	41.848	ng	98
25) Isophorone	9.79	82	409127	40.827	ng	100
26) 2-Nitrophenol	9.98	139	111912	48.310	ng	95
27) 2,4-Dimethylphenol	10.05	122	181539	51.029	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	227036	39.932	ng	99
29) 2,4-Dichlorophenol	10.52	162	207511	46.901	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	233354	40.841	ng	98
31) Naphthalene	10.92	128	584272	42.804	ng	99
32) Benzoic acid	10.20	122	117407	43.311	ng	95
33) 4-Chloroaniline	11.03	127	162186	27.382	ng	96
34) Hexachlorobutadiene	11.21	225	167024	39.041	ng	97
35) Caprolactam	11.81	113	41050	26.309	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	218376	45.394	ng	96
37) 2-Methylnaphthalene	12.52	142	445404	42.773	ng	97
38) 1-Methylnaphthalene	12.74	142	414786	42.096	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	297886	40.016	ng	100

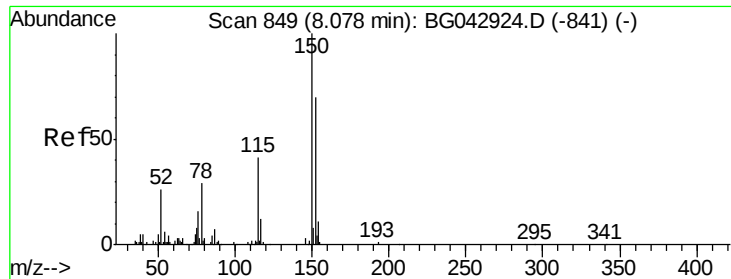
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
 Data File : BG043002.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	294290	62.046	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	195484	44.865	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	205695	45.827	ng	98
46) 1,1'-Biphenyl	13.52	154	596704	39.742	ng	98
47) 2-Chloronaphthalene	13.56	162	475038	42.200	ng	99
48) 2-Nitroaniline	13.76	65	156697	41.859	ng	95
49) Acenaphthylene	14.41	152	752624	43.694	ng	99
50) Dimethylphthalate	14.14	163	595878	40.168	ng	99
51) 2,6-Dinitrotoluene	14.26	165	138664	43.893	ng	96
52) Acenaphthene	14.75	154	471156	40.866	ng	98
53) 3-Nitroaniline	14.59	138	112760	34.538	ng	96
54) 2,4-Dinitrophenol	14.79	184	144979	73.831	ng	94
55) Dibenzofuran	15.09	168	742421	43.530	ng	98
56) 4-Nitrophenol	14.91	139	232217	93.351	ng	97
57) 2,4-Dinitrotoluene	15.05	165	205651	44.453	ng	99
58) Fluorene	15.73	166	623805	42.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	214632	44.911	ng	99
60) Diethylphthalate	15.50	149	605601	40.114	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	358930	41.101	ng	98
62) 4-Nitroaniline	15.76	138	148199	41.621	ng	96
63) Azobenzene	16.02	77	563872	41.024	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	111857	41.180	ng	97
66) n-Nitrosodiphenylamine	15.94	169	559328	44.139	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	258914	42.975	ng	97
68) Hexachlorobenzene	16.74	284	284820	42.458	ng	99
69) Atrazine	16.88	200	214177	40.137	ng	97
70) Pentachlorophenol	17.08	266	360263	93.072	ng	99
71) Phenanthrene	17.48	178	1003674	42.828	ng	98
72) Anthracene	17.57	178	1027568	43.921	ng	99
73) Carbazole	17.83	167	943478	43.488	ng	99
74) Di-n-butylphthalate	18.39	149	1072796	41.445	ng	99
75) Fluoranthene	19.48	202	1311387	42.307	ng	99
77) Benzidine	19.66	184	507924	38.760	ng	99
78) Pyrene	19.84	202	1327205	42.488	ng	99
80) Butylbenzylphthalate	20.73	149	508238	42.865	ng	97
81) Benzo(a)anthracene	21.68	228	1377828	42.252	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	499789	39.077	ng	97
83) Chrysene	21.75	228	1342928	42.437	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	732339	43.407	ng	98
85) Di-n-octyl phthalate	22.81	149	1249750	45.300	ng	98
86) Indeno(1,2,3-cd)pyrene	28.60	276	1751165	44.451	ng	99
88) Benzo(b)fluoranthene	23.91	252	1463818	47.745	ng	99
89) Benzo(k)fluoranthene	23.97	252	1470389	48.479	ng	99
90) Benzo(a)pyrene	24.77	252	1447358	50.037	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1484585	50.052	ng	100
92) Benzo(g,h,i)perylene	29.76	276	1460196	50.809	ng	99

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

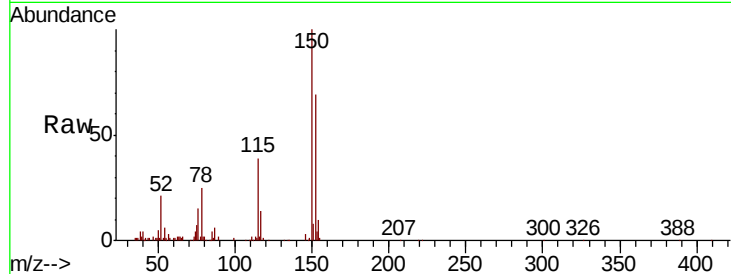


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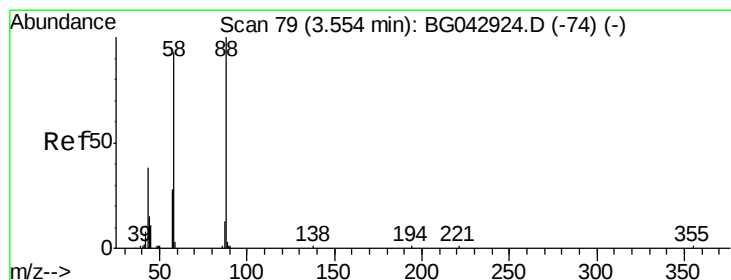
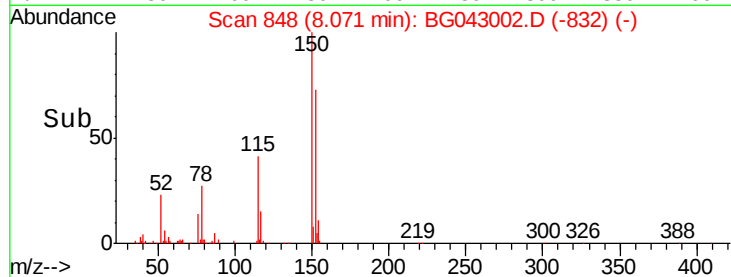
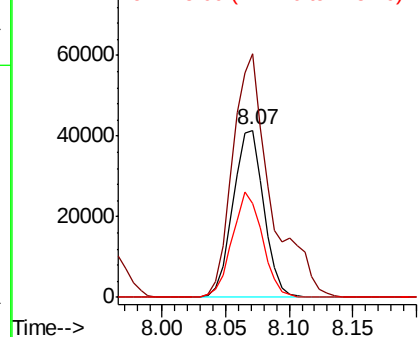
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion:152 Resp: 69436
Ion Ratio Lower Upper
152 100
150 145.7 115.0 172.4
115 56.2 47.0 70.6



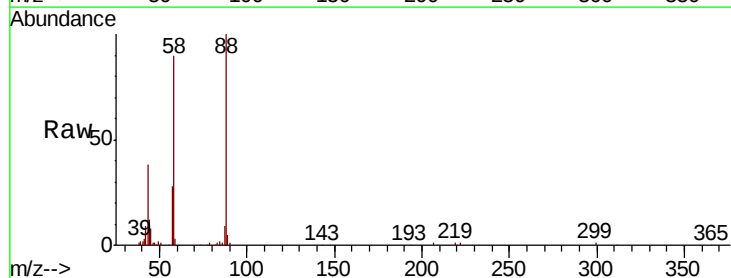
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



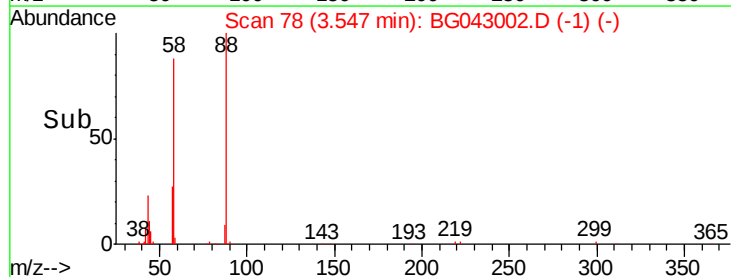
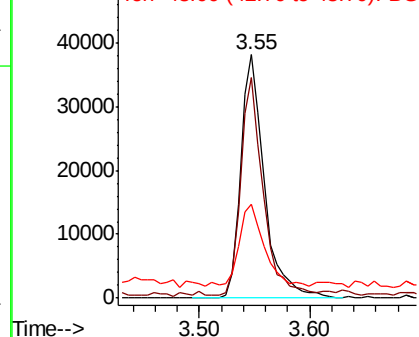
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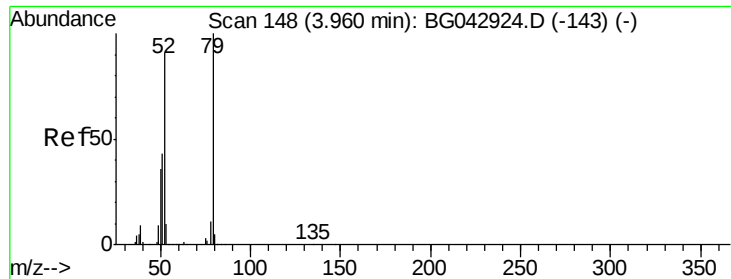
1,4-Dioxane
Concen: 35.162 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion: 88 Resp: 57039
Ion Ratio Lower Upper
88 100
58 84.2 74.3 111.5
43 36.0 29.8 44.8



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

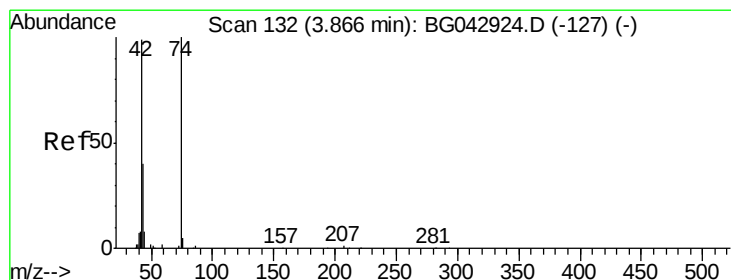
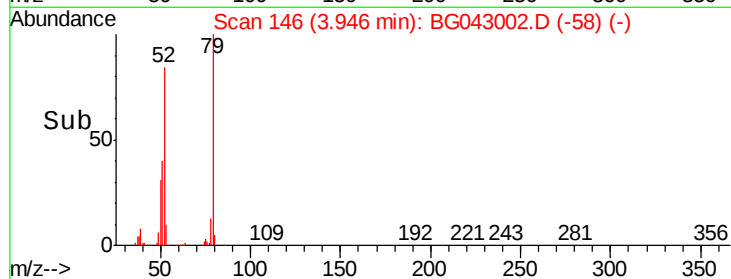
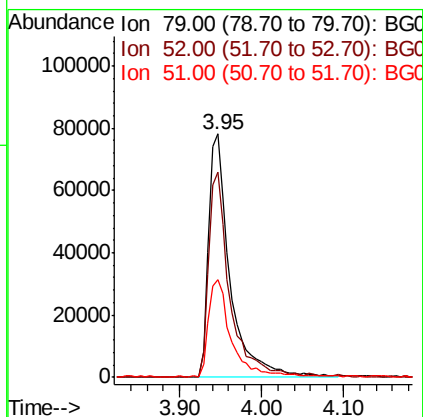
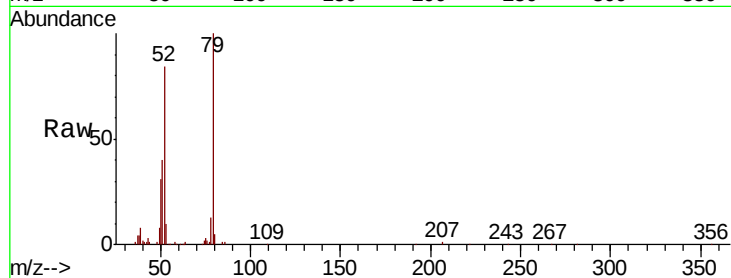




#3
 Pvridine
 Concen: 31.099 ng
 RT: 3.95 min Scan# 146
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

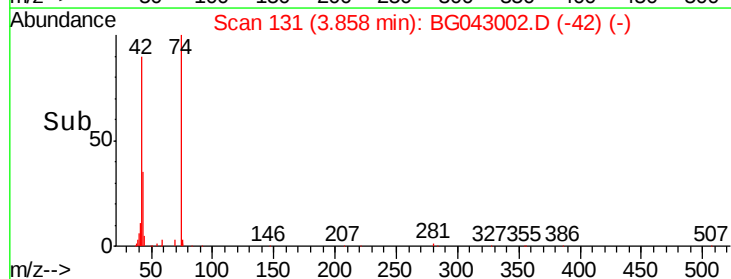
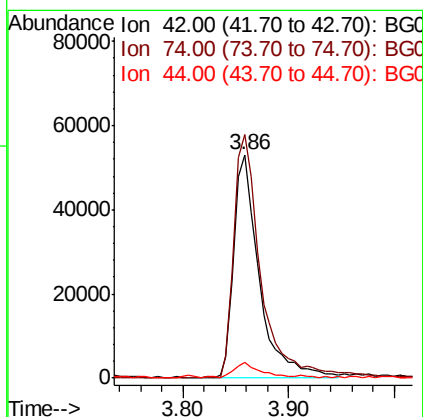
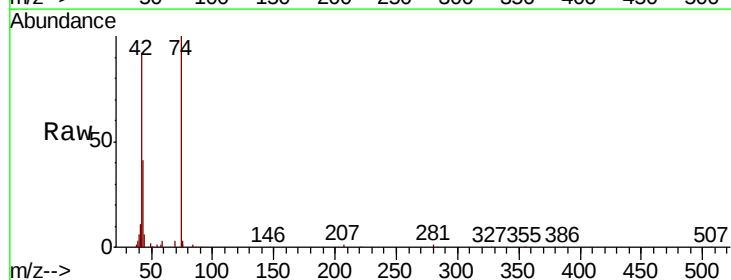
Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion: 79 Resp: 141893
 Ion Ratio Lower Upper
 79 100
 52 84.4 73.0 109.4
 51 39.9 35.1 52.7



#4
 n-Nitrosodimethylamine
 Concen: 40.484 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion: 42 Resp: 88825
 Ion Ratio Lower Upper
 42 100
 74 109.0 80.5 120.7
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 118.029 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

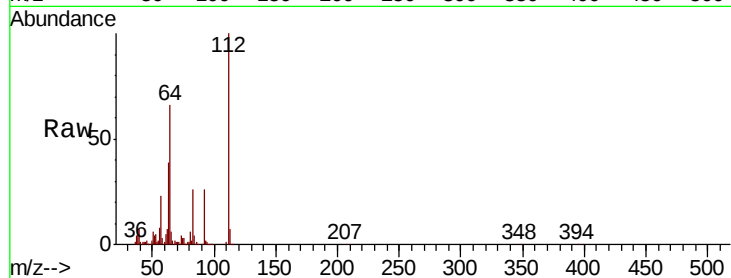
Tot Ion:112 Resp: 459225

Ion Ratio Lower Upper

112 100

64 66.0 56.6 84.8

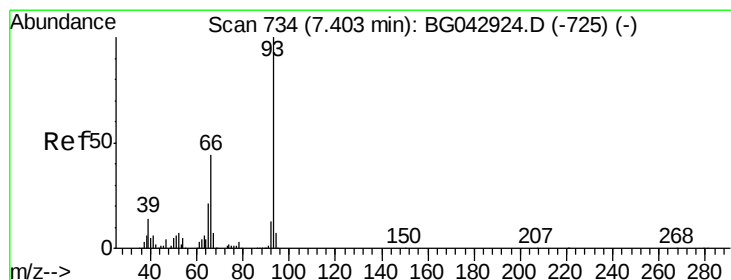
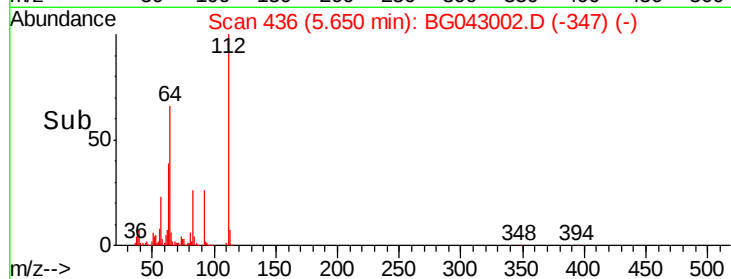
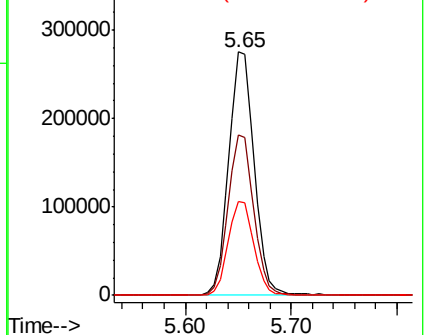
63 38.5 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.539 ng

RT: 7.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

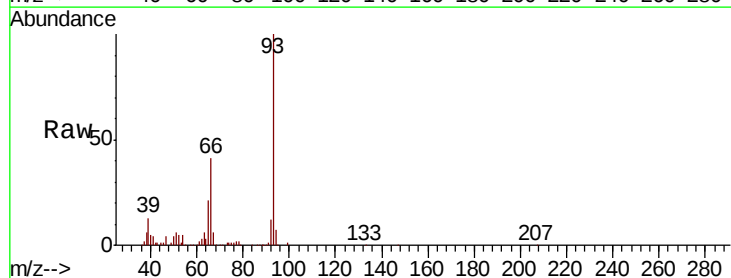
Tgt Ion: 93 Resp: 213313

Ion Ratio Lower Upper

93 100

66 40.9 35.0 52.6

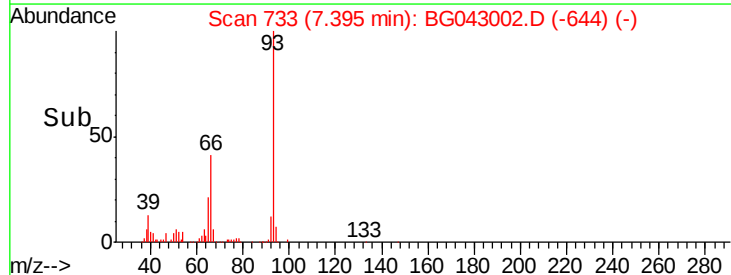
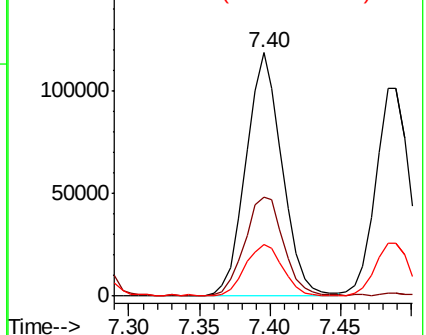
65 21.3 17.4 26.0

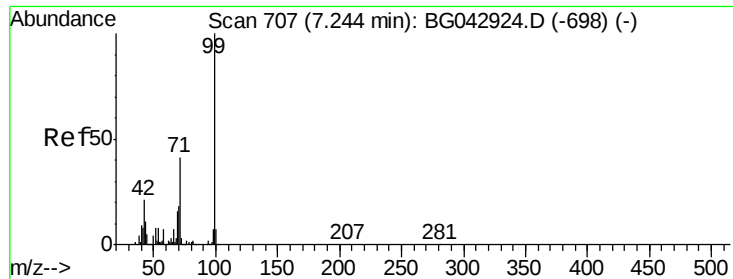


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.159 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

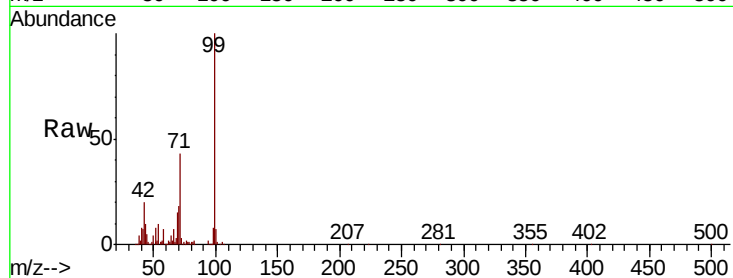
Tot Ion: 99 Resp: 617218

Ion Ratio Lower Upper

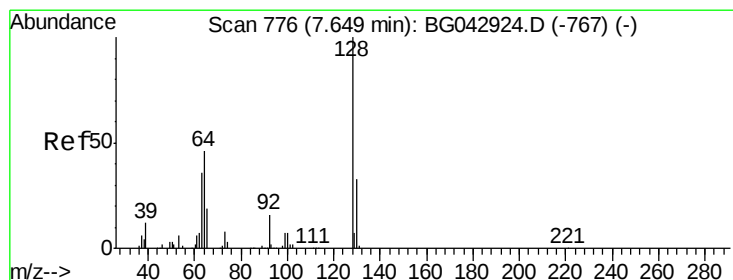
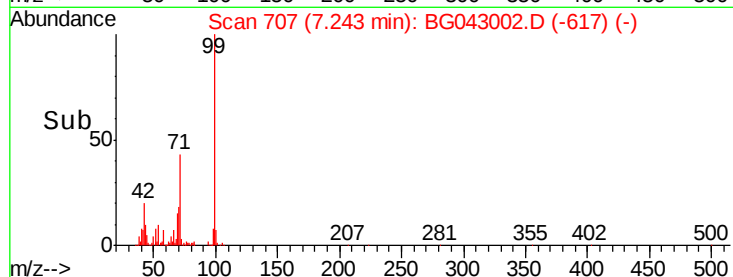
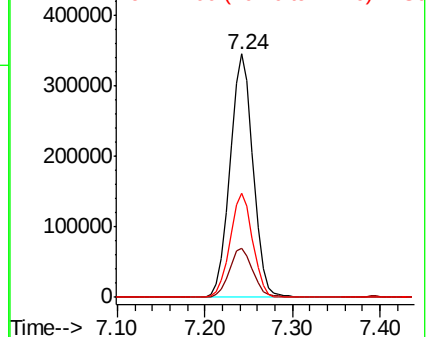
99 100

42 20.3 17.2 25.8

71 42.5 33.1 49.7



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: 47.856 ng

RT: 7.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

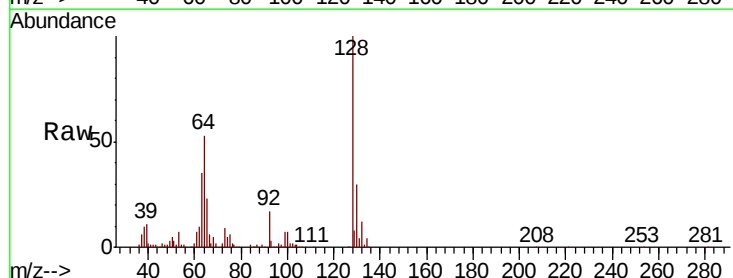
Tgt Ion: 128 Resp: 194182

Ion Ratio Lower Upper

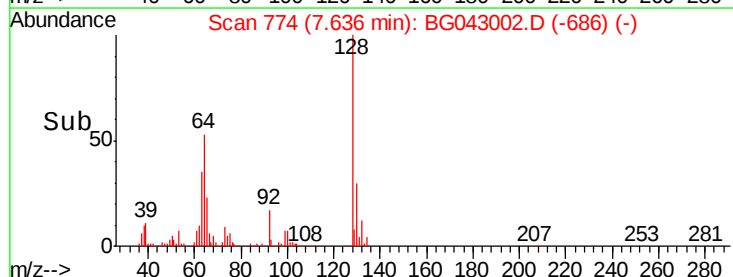
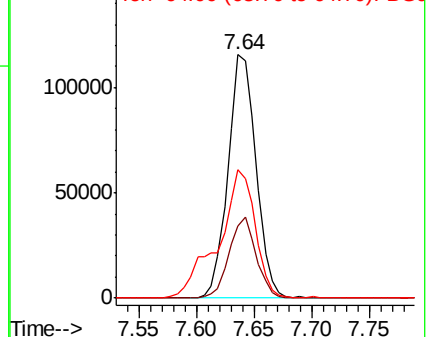
128 100

130 29.6 12.5 52.5

64 52.8 32.8 72.8



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: 29.510 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

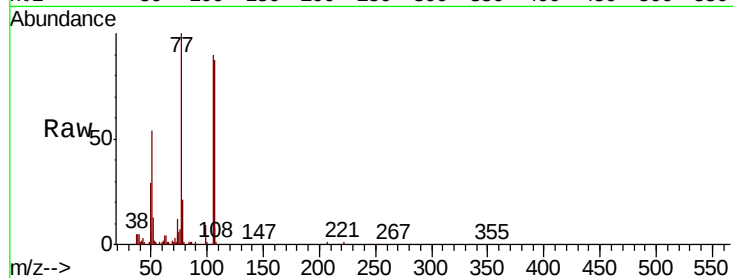
Tot Ion: 77 Resp: 101036

Ion Ratio Lower Upper

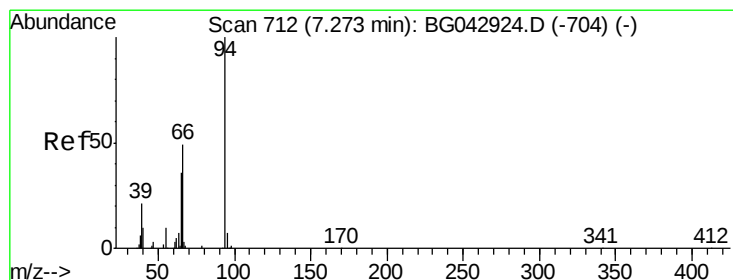
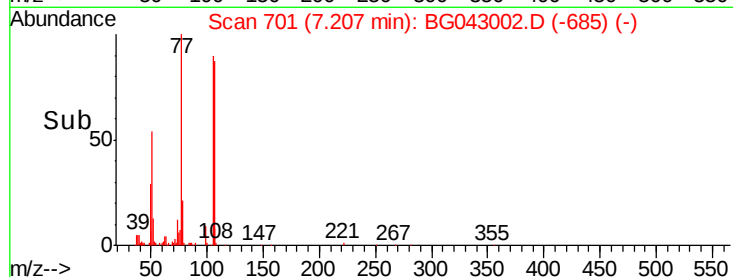
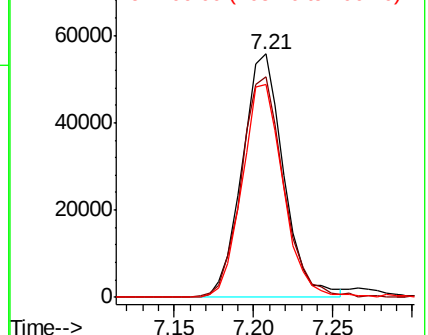
77 100

105 90.4 64.6 104.6

106 87.3 59.4 99.4



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



#10

Phenol

Concen: 46.777 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

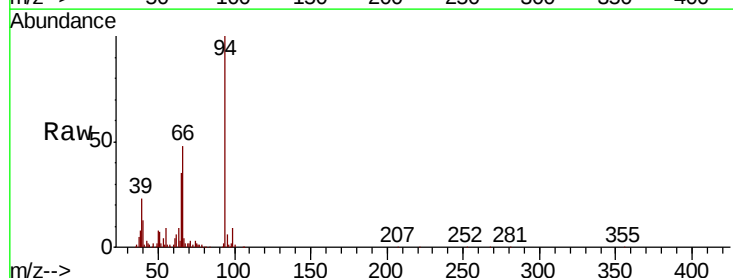
Tgt Ion: 94 Resp: 240460

Ion Ratio Lower Upper

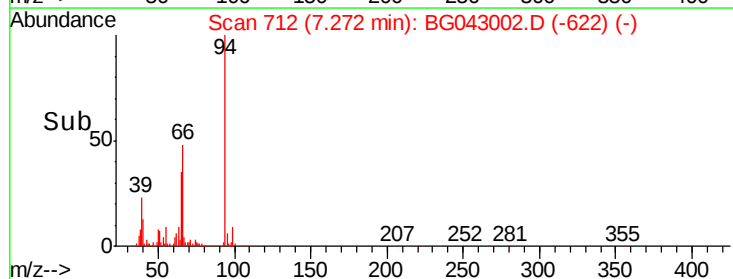
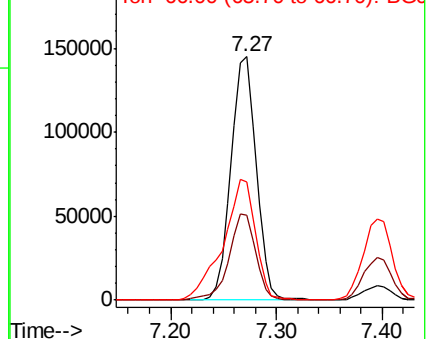
94 100

65 34.8 16.6 56.6

66 48.4 32.4 72.4



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

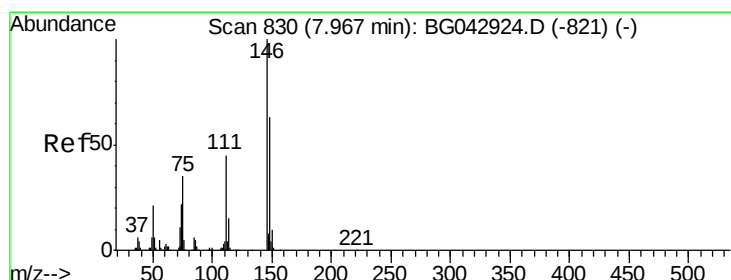
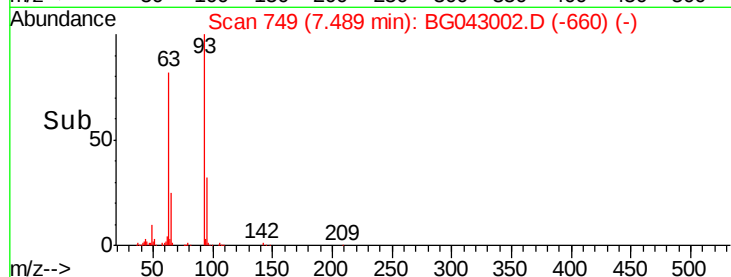
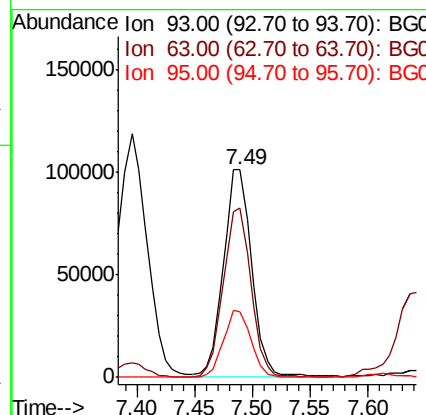
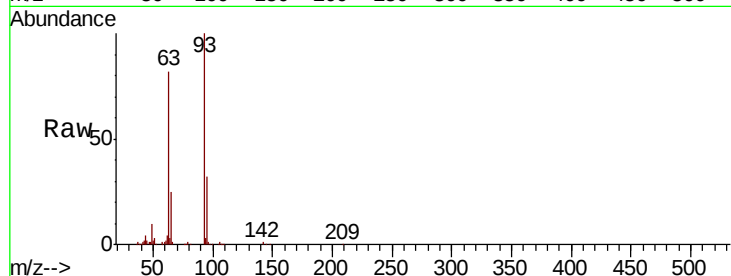




#11
bis(2-Chloroethyl)ether
Concen: 43.558 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

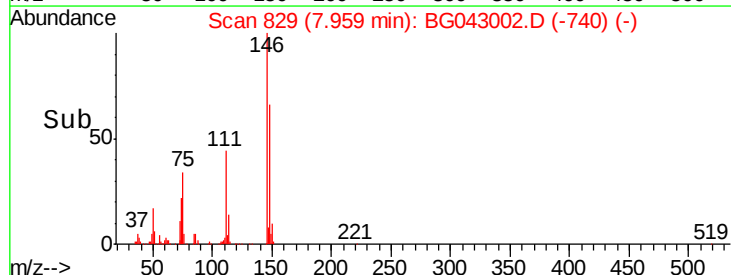
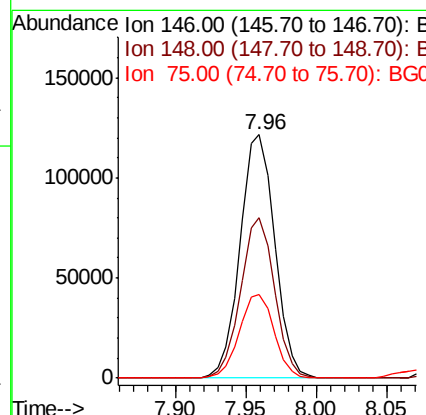
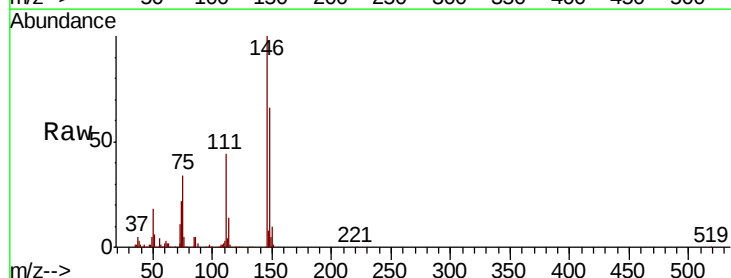
Instrument :
BNA_G
ClientSampleId :
PB123570BS

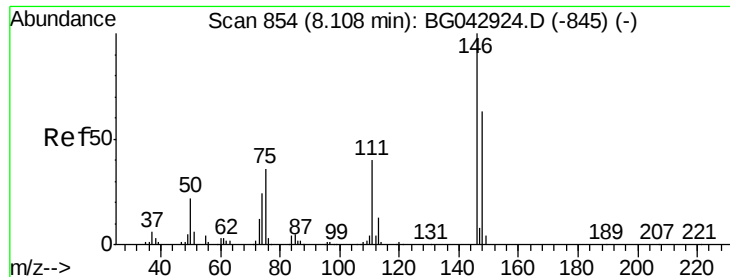
Tot Ion	93	Resp	173248
Ion Ratio	Lower	Upper	
93	100		
63	81.6	67.4	107.4
95	31.9	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 40.392 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	146	Resp	209077
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.7	76.1
75	34.3	27.7	41.5

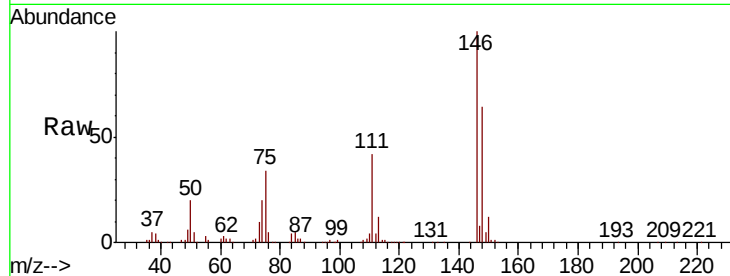




#13
 1,4-Dichlorobenzene
 Concen: 42.170 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.9	76.3
111	42.2	31.8	47.8

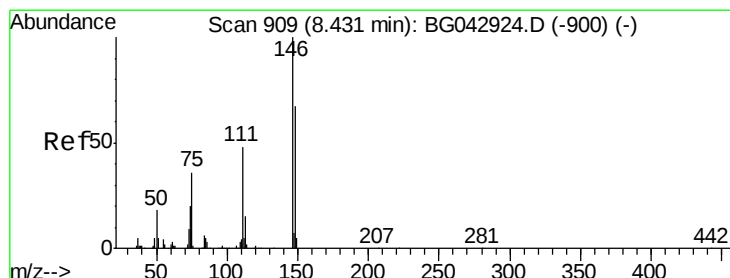
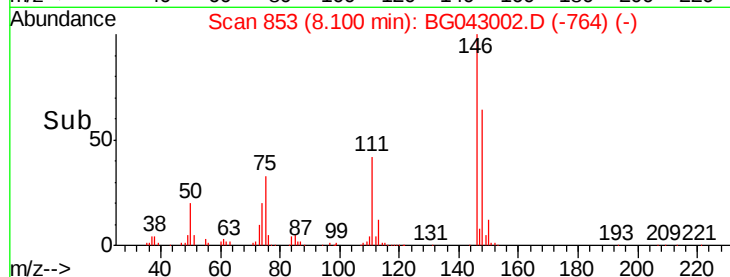
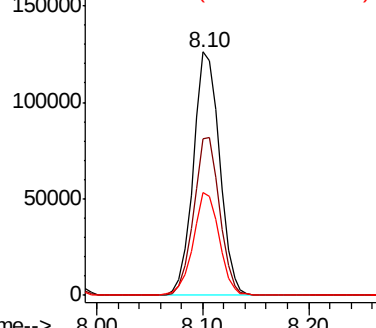


Abundance

Ion 146.00 (145.70 to 146.70): E

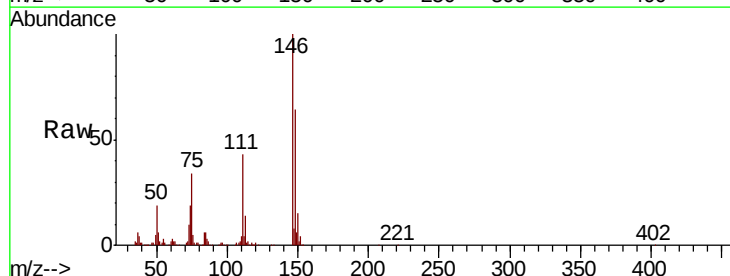
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.570 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.2
111	43.5	38.5	57.7

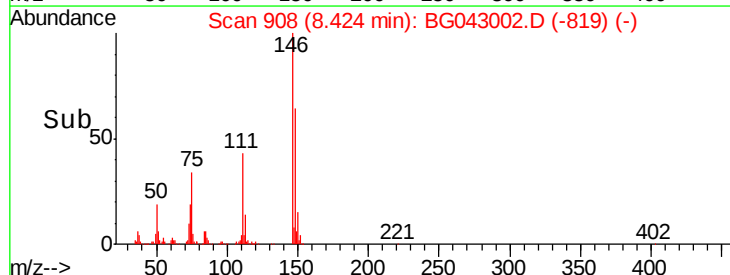
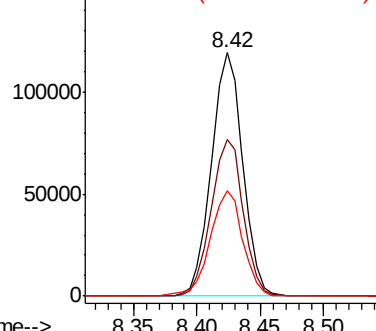


Abundance

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

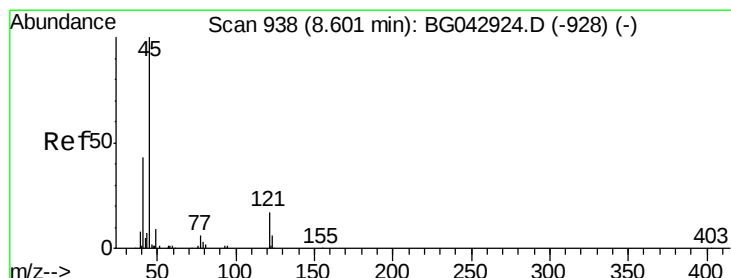
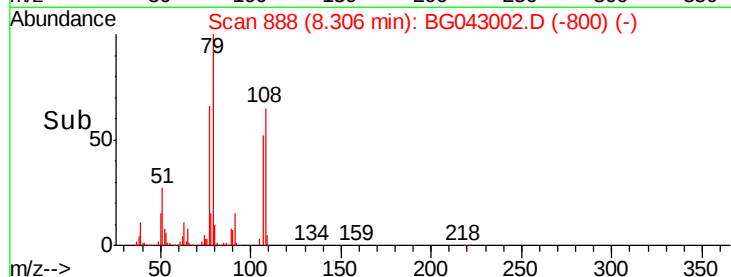
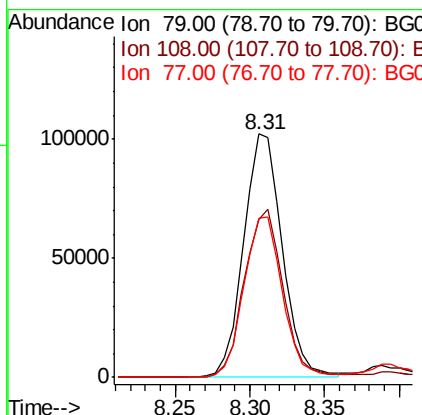
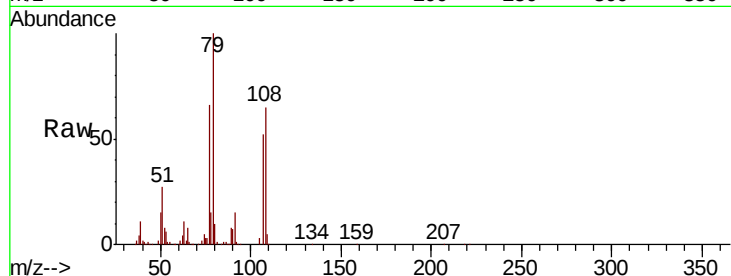




#15
Benzyl Alcohol
Concen: 43.458 ng
RT: 8.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

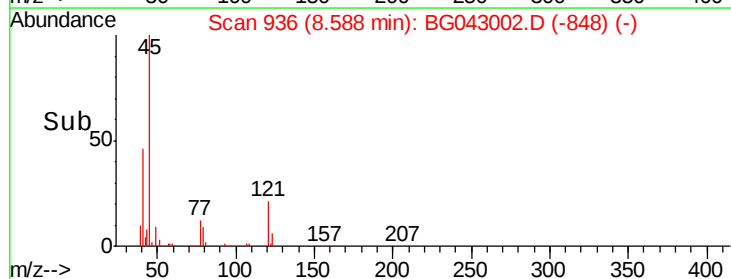
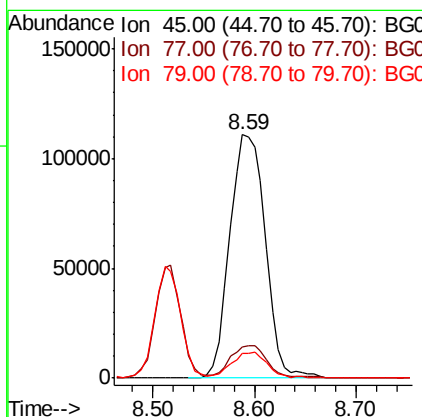
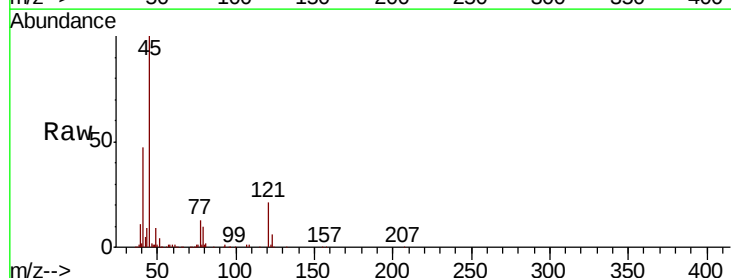
Instrument :
BNA_G
ClientSampleId :
PB123570BS

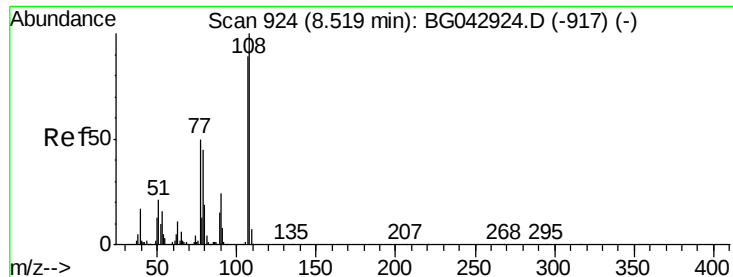
Tot Ion	Ratio	Lower	Upper
79	100		
108	64.7	55.7	83.5
77	65.6	53.3	79.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.272 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.8
79	9.9	0.0	29.4





#17

2-Methylphenol

Concen: 45.839 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

Tot Ion:107 Resp: 164878

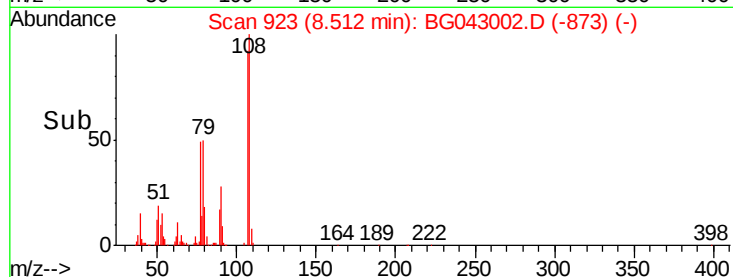
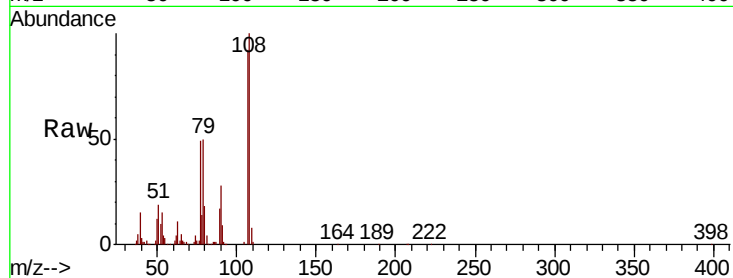
Ion Ratio Lower Upper

107 100

108 108.6 89.9 134.9

77 53.7 45.4 68.2

79 54.7 41.4 62.0



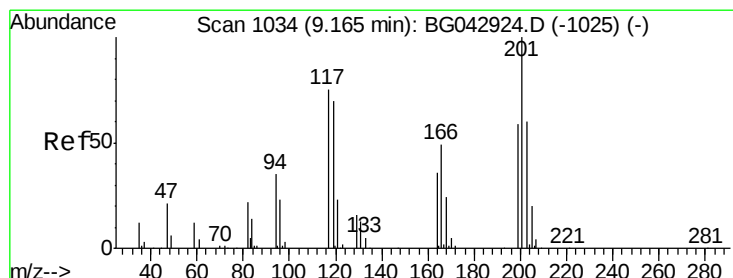
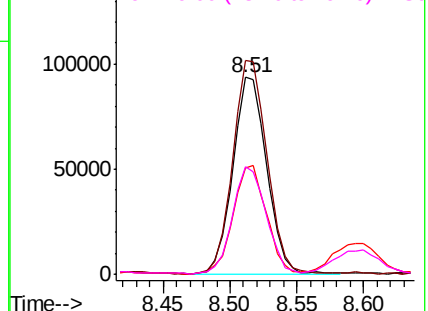
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.050 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

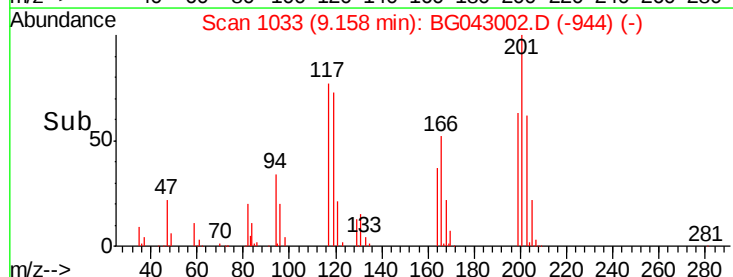
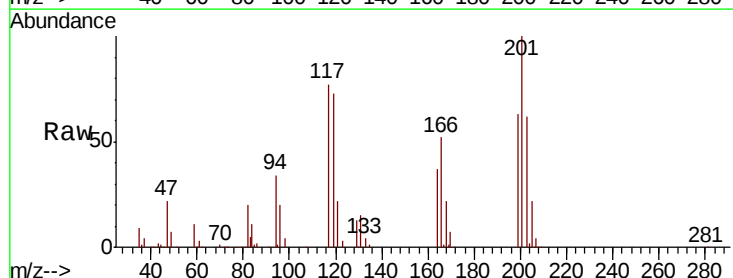
Tgt Ion:117 Resp: 77830

Ion Ratio Lower Upper

117 100

119 95.4 74.6 111.8

201 129.9 106.0 159.0

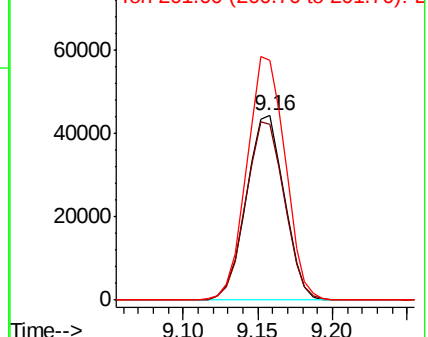


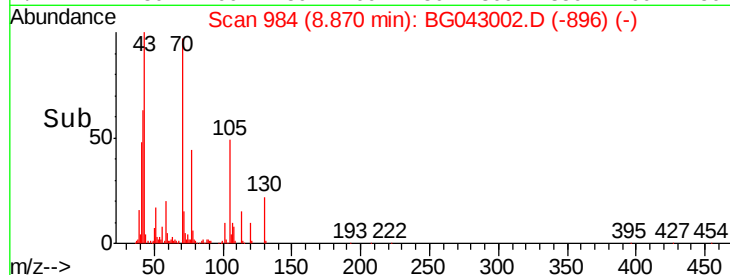
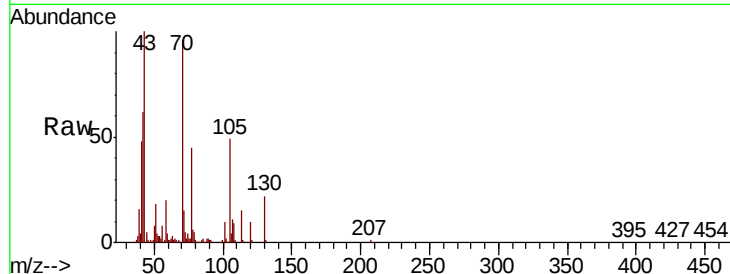
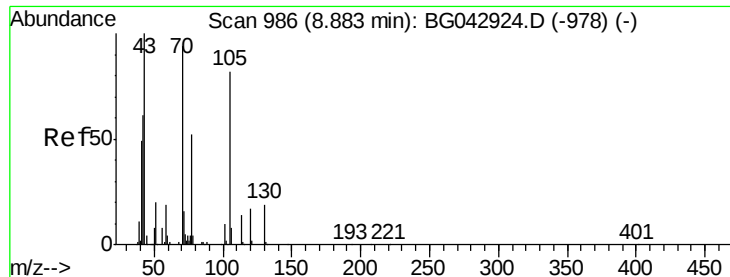
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

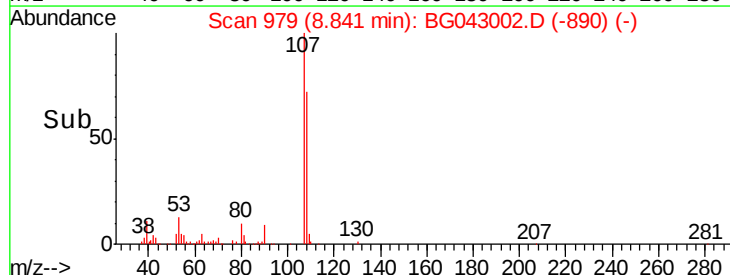
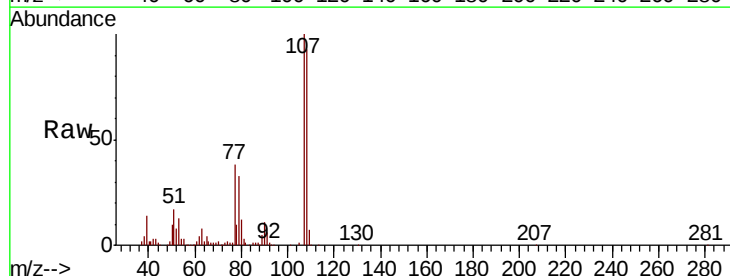
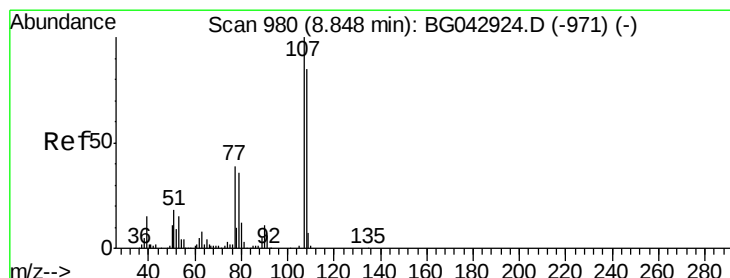
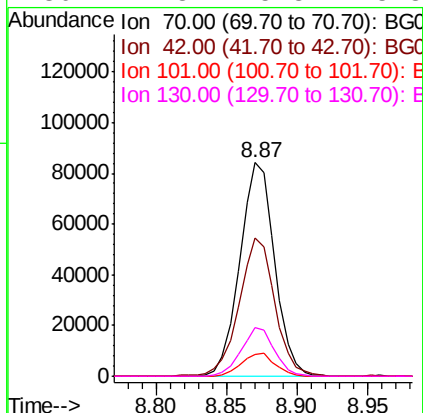




#19
n-Nitroso-di-n-propylamine
Concen: 39.360 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

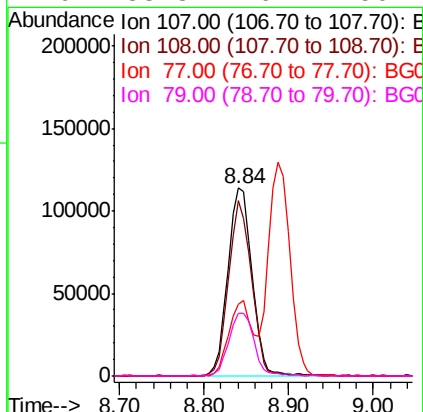
Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion:	70	Resp:	144810
Ion	Ratio	Lower	Upper
70	100		
42	64.6	52.6	79.0
101	10.1	8.7	13.1
130	22.8	15.8	23.8



#20
3+4-Methylphenols
Concen: 45.429 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion:	107	Resp:	223929
Ion	Ratio	Lower	Upper
107	100		
108	93.3	64.9	104.9
77	37.9	19.4	59.4
79	33.3	16.2	56.2

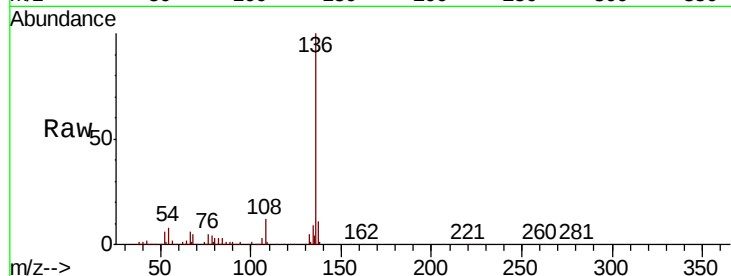




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion:136	Resp:	277292
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.5	12.7
54 8.1	7.4	11.2
68 4.6	3.6	5.4



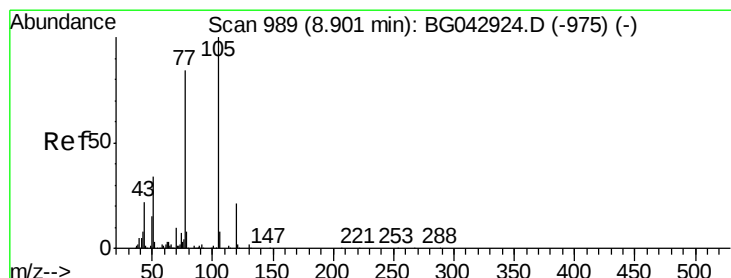
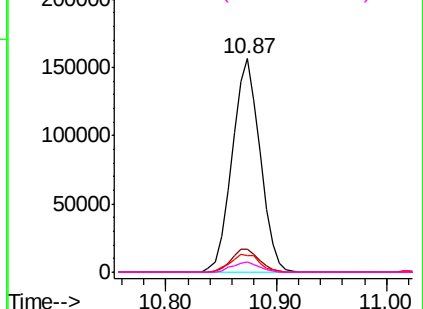
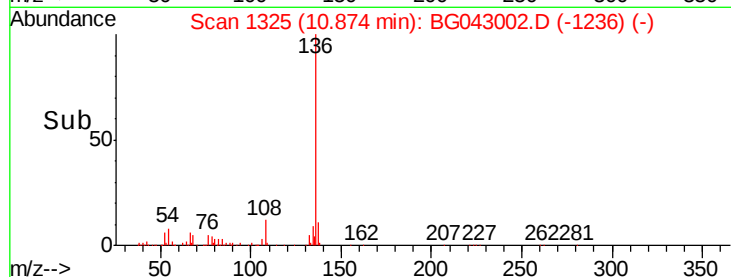
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

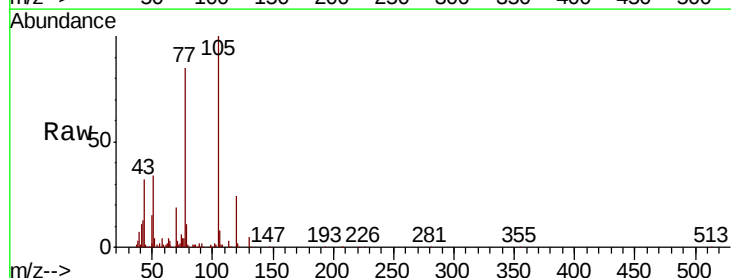
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.411 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt	Ion:105	Resp:	281700
Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.2	1.8#
51	34.4	27.2	40.8
120	24.2	16.9	25.3



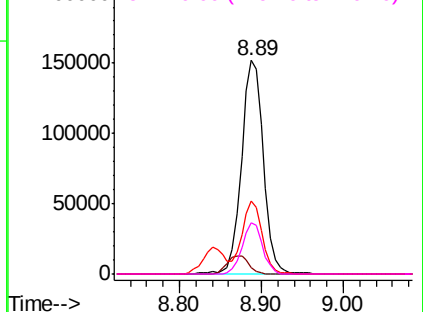
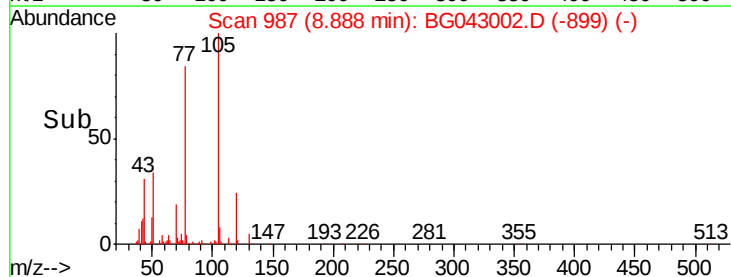
Abundance

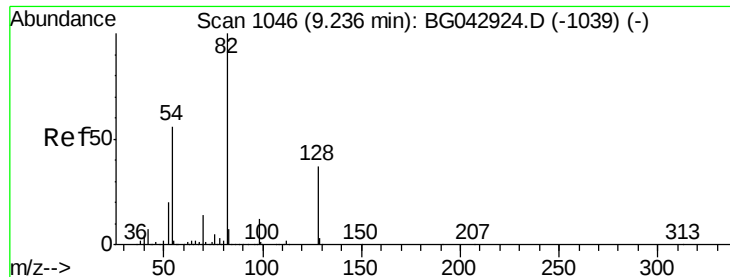
Ion 105.00 (104.70 to 105.70): E

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: 66.111 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

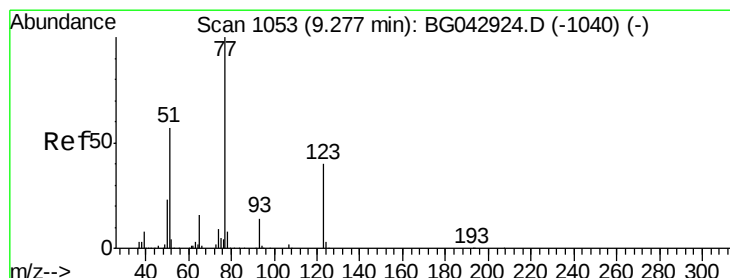
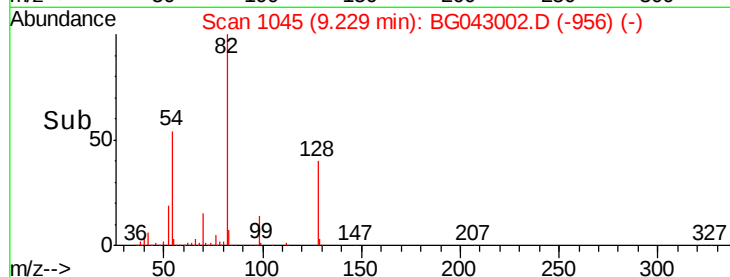
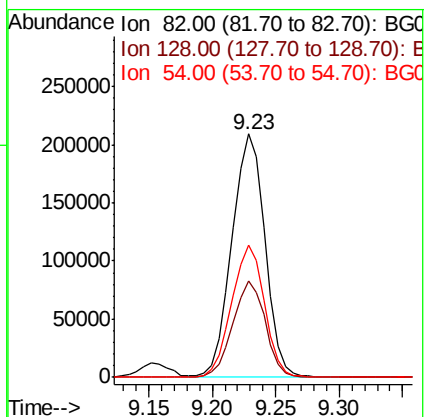
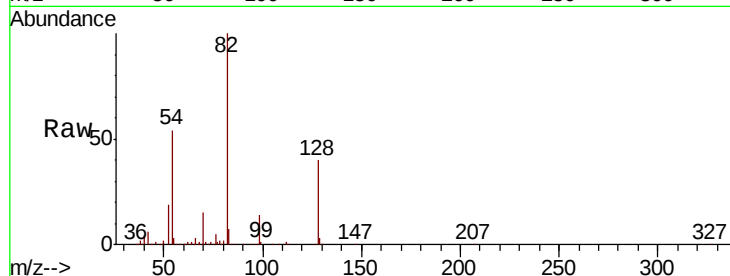
Tot Ion: 82 Resp: 377165

Ion Ratio Lower Upper

82 100

128 39.6 29.5 44.3

54 54.3 44.6 67.0



#24

Nitrobenzene

Concen: 41.848 ng

RT: 9.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

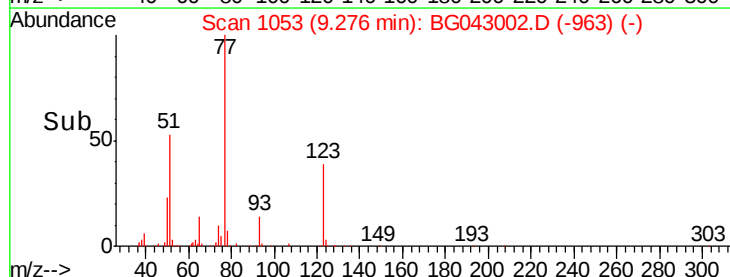
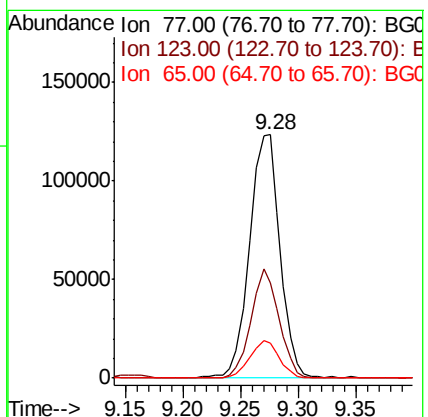
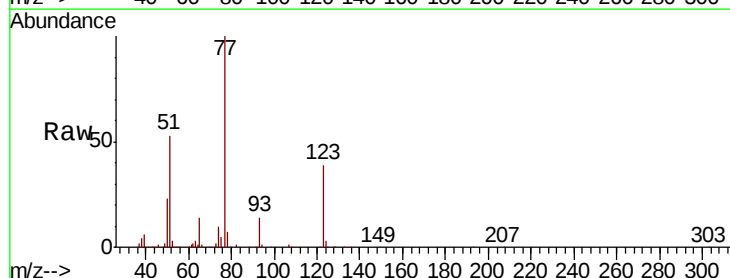
Tgt Ion: 77 Resp: 227721

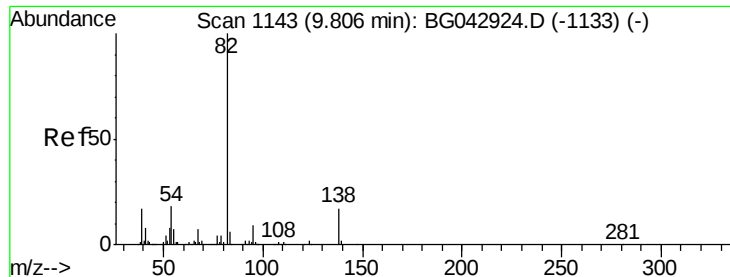
Ion Ratio Lower Upper

77 100

123 39.3 31.9 47.9

65 14.2 12.4 18.6





#25

Isophorone

Concen: 40.827 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

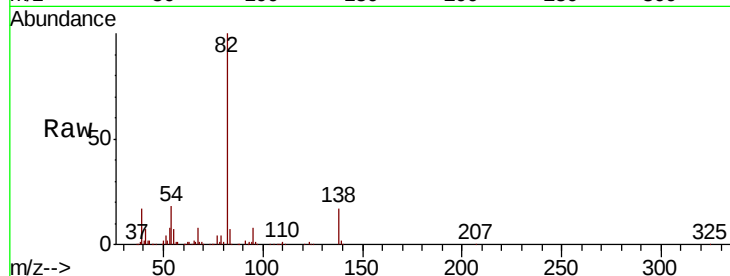
Tot Ion: 82 Resp: 409127

Ion Ratio Lower Upper

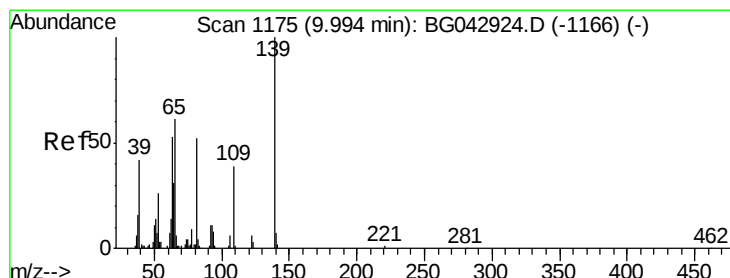
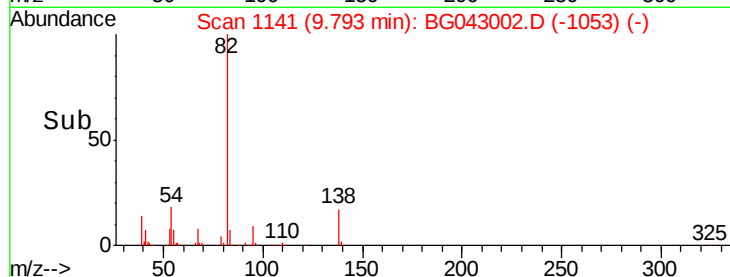
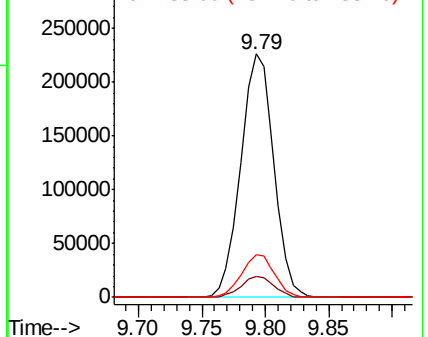
82 100

95 8.5 7.0 10.4

138 17.3 13.8 20.6



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



#26

2-Nitrophenol

Concen: 48.310 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

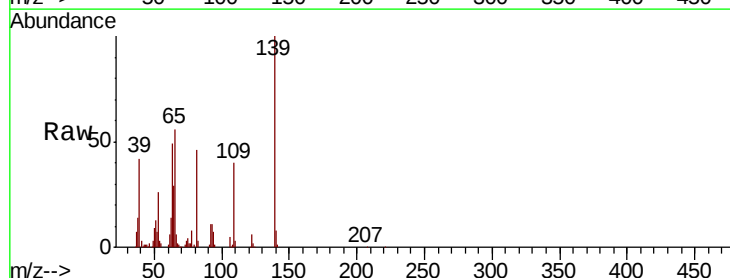
Tgt Ion: 139 Resp: 111912

Ion Ratio Lower Upper

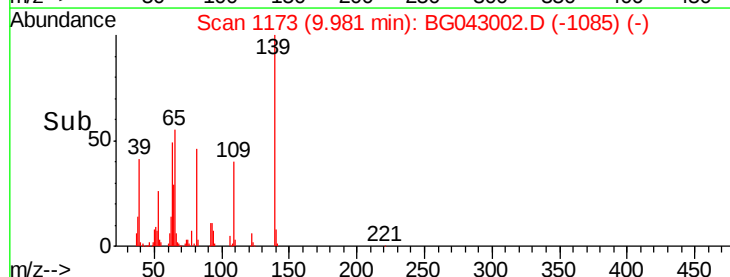
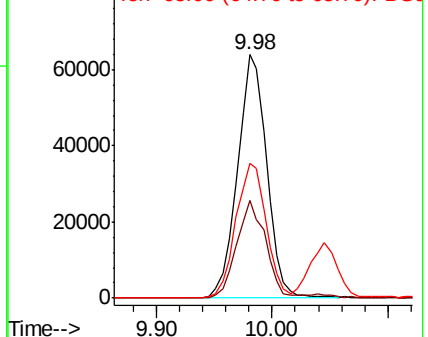
139 100

109 40.0 31.0 46.6

65 55.6 48.4 72.6



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

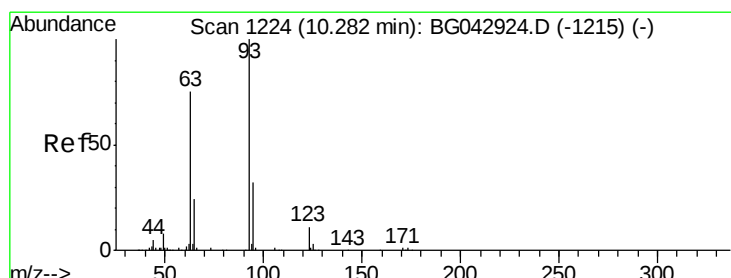
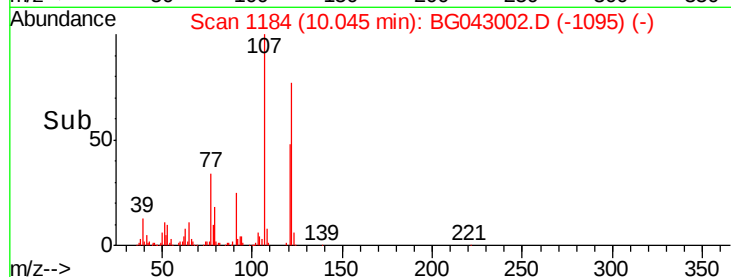
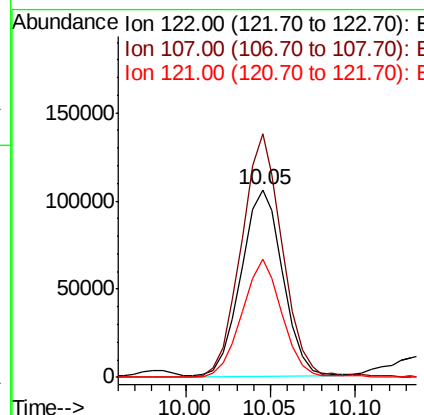
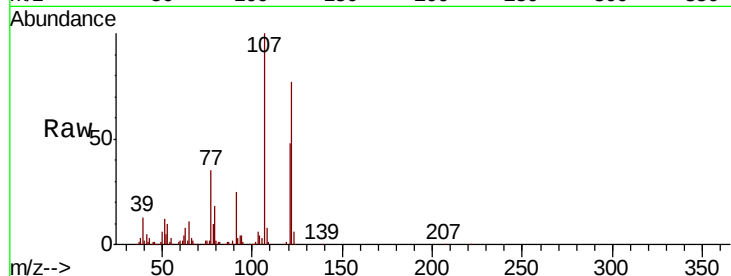




#27
2,4-Dimethylphenol
Concen: 51.029 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

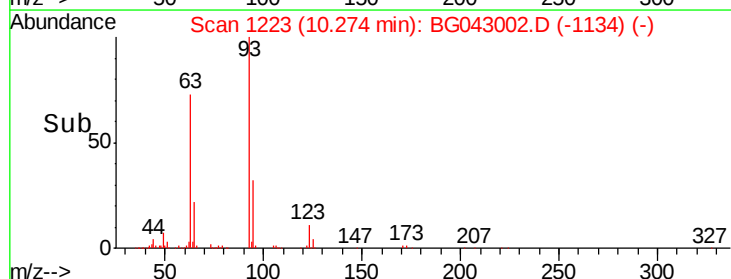
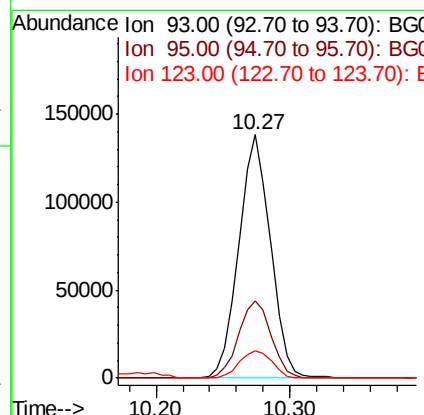
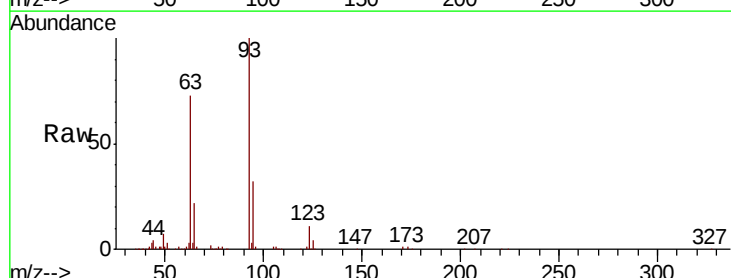
Instrument :
BNA_G
ClientSampleId :
PB123570BS

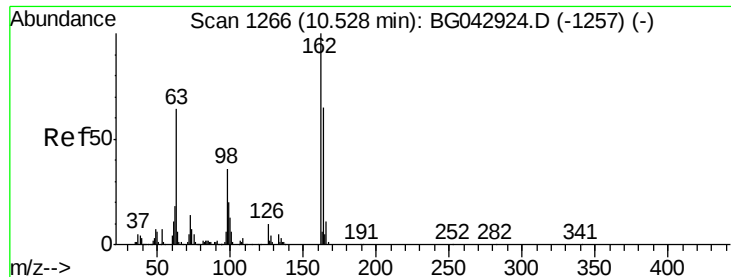
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.7	102.2	153.2
121	62.7	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.932 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.4	38.0
123	11.0	9.3	13.9

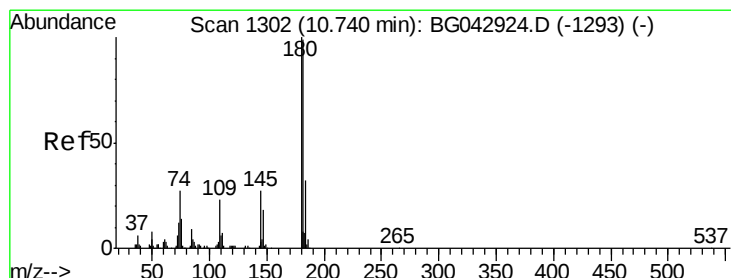
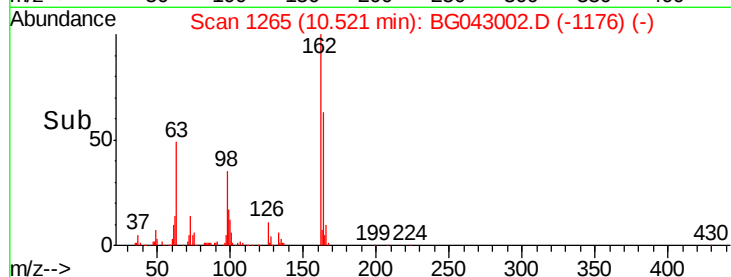
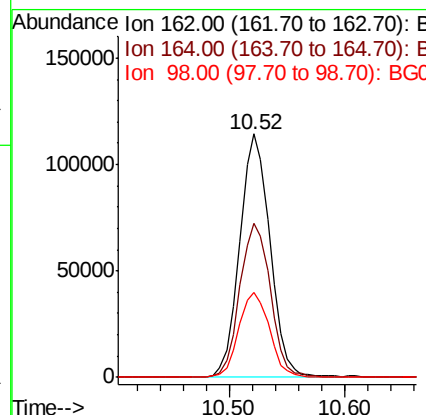
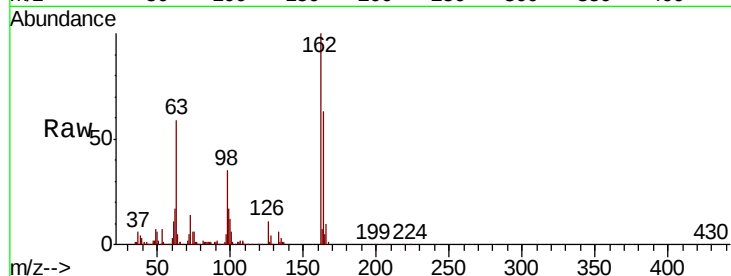




#29
 2,4-Dichlorophenol
 Concen: 46.901 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

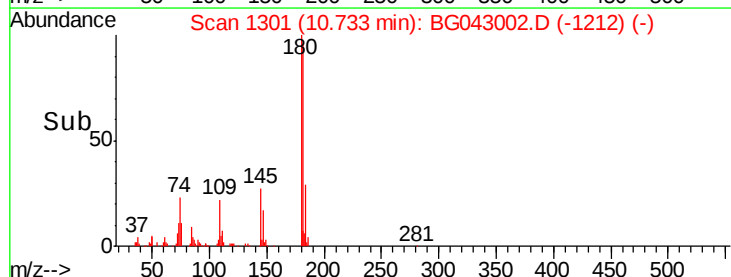
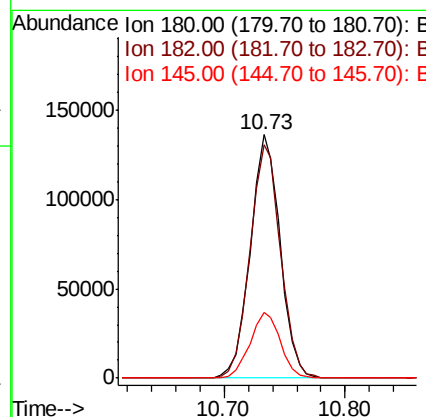
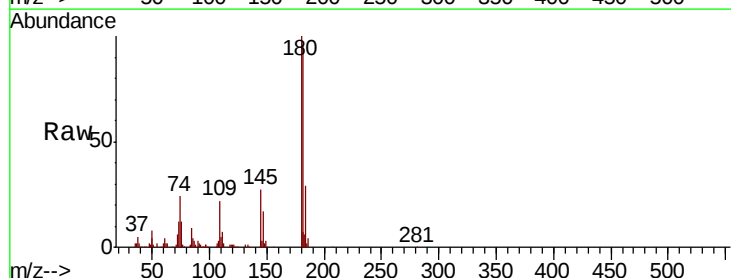
Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.7	84.7
98	35.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.841 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	79.3	118.9
145	27.2	22.0	33.0

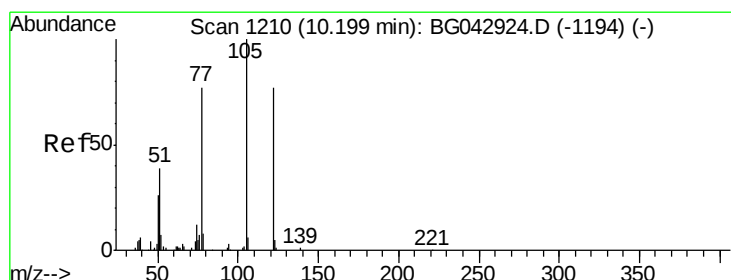
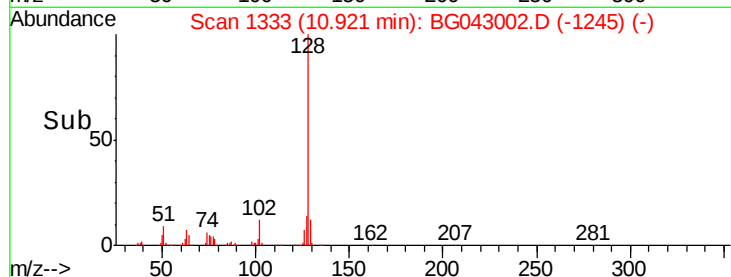
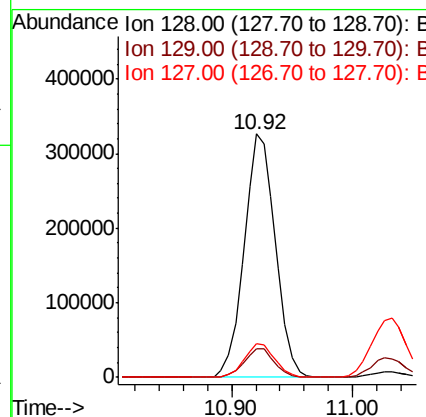
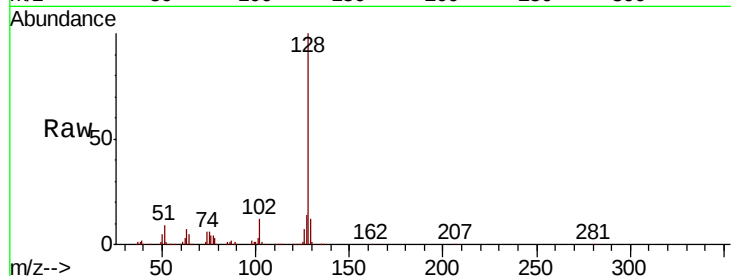




#31
Naphthalene
Concen: 42.804 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

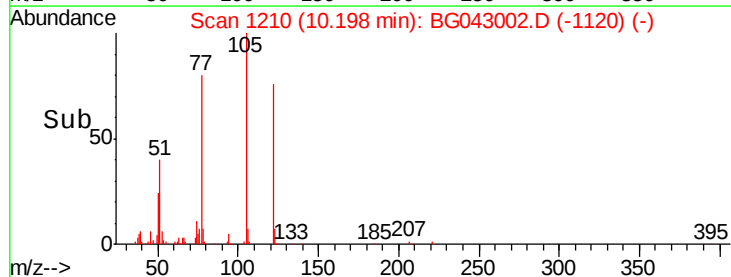
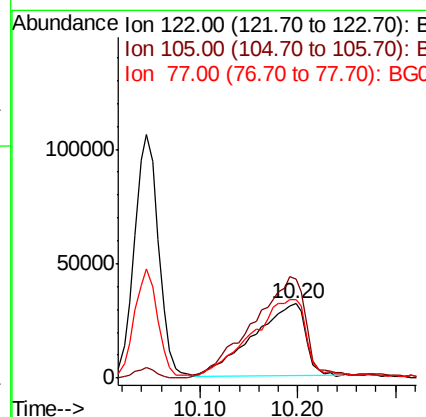
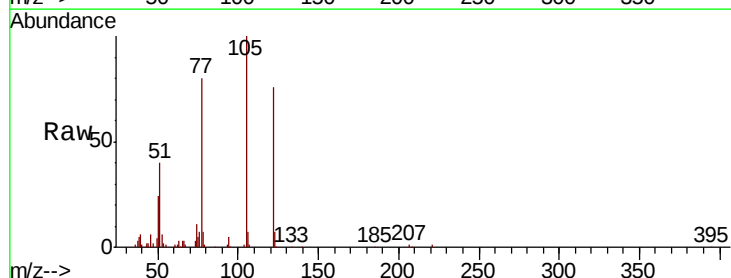
Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion:128 Resp: 584272
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 43.311 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion:122 Resp: 117407
Ion Ratio Lower Upper
122 100
105 132.3 107.5 147.5
77 105.9 79.8 119.8

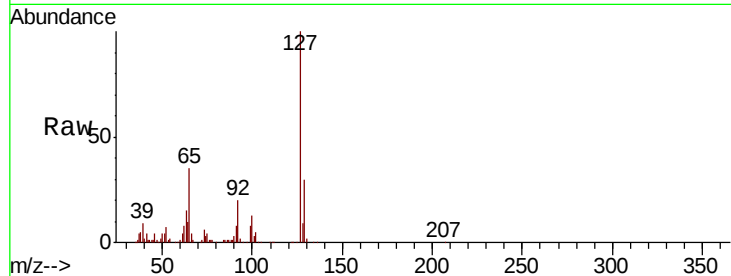




#33
4-Chloroaniline
Concen: 27.382 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion:	127	Resp:	162186
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	34.9	30.6	45.8
92	20.4	16.2	24.4



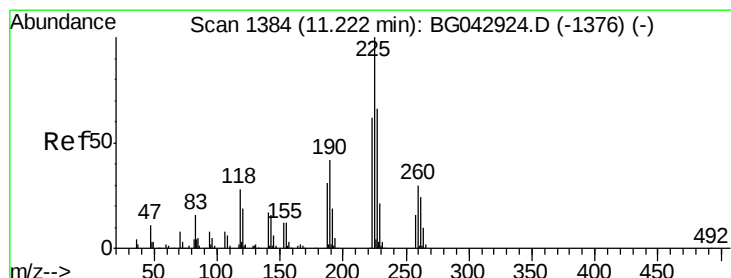
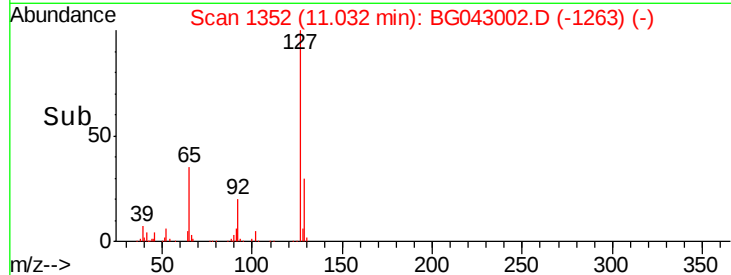
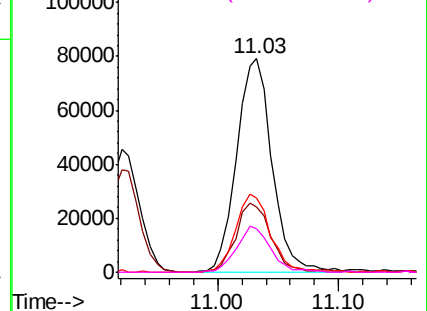
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

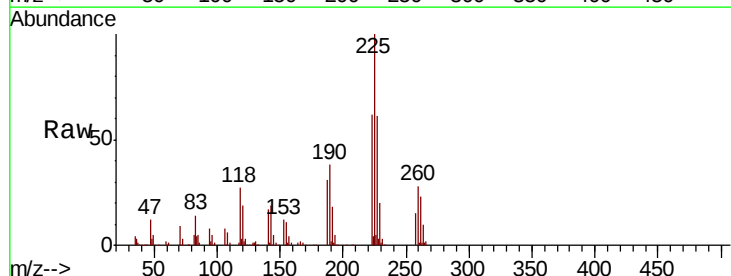
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.041 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion:	225	Resp:	167024
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.3	73.9
227	61.3	52.8	79.2

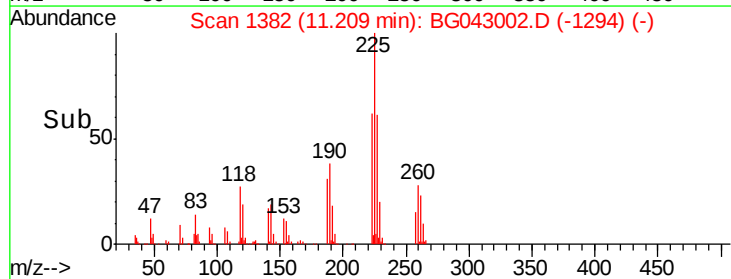
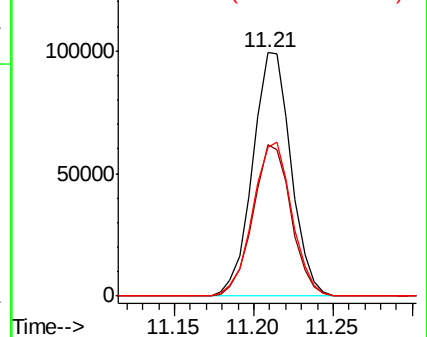


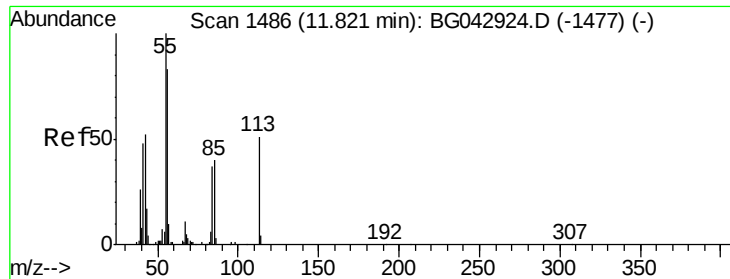
Abundance

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: 26.309 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

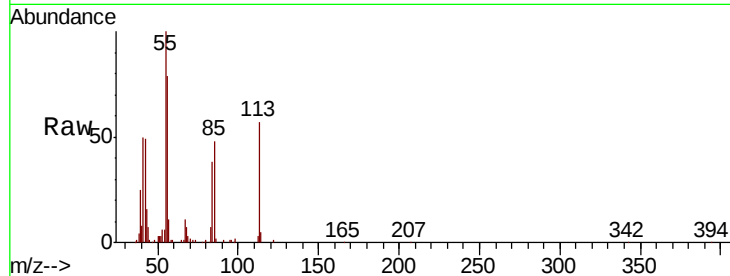
Tot Ion:113 Resp: 41050

Ion Ratio Lower Upper

113 100

55 174.5 175.5 215.5#

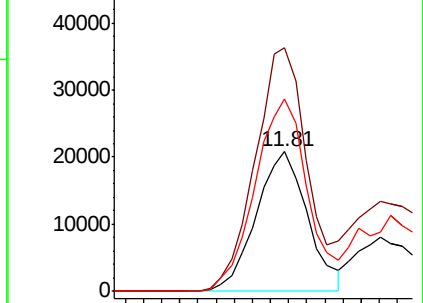
56 138.1 142.3 182.3#



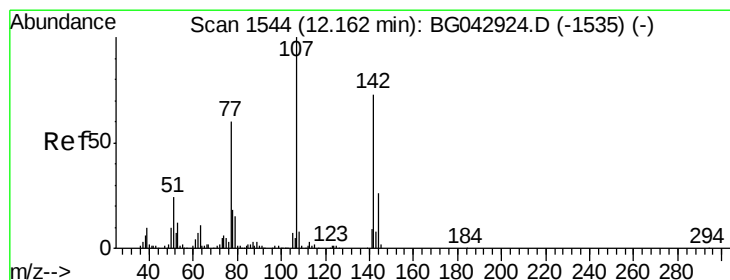
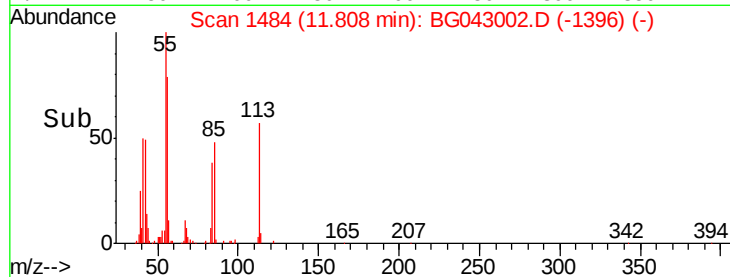
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



Time-->



#36

4-Chloro-3-methylphenol

Concen: 45.394 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

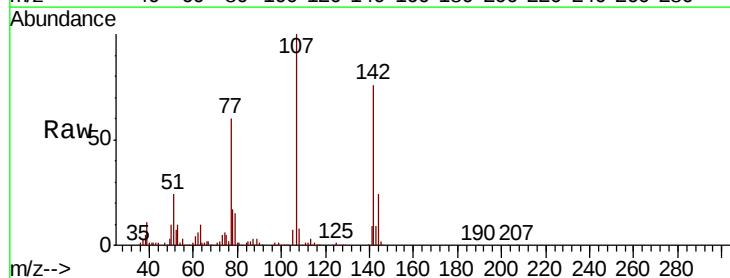
Tgt Ion:107 Resp: 218376

Ion Ratio Lower Upper

107 100

144 23.9 20.7 31.1

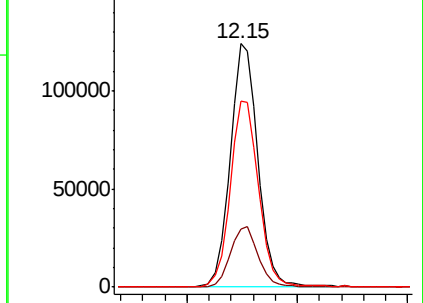
142 76.2 58.6 87.8



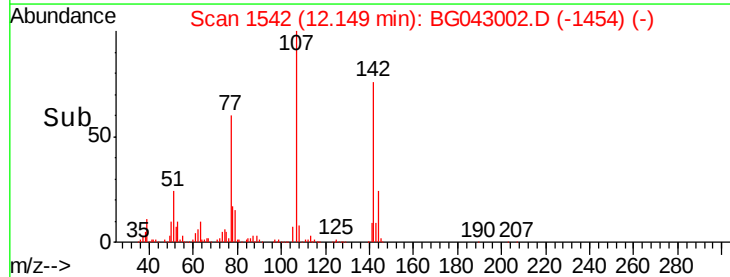
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

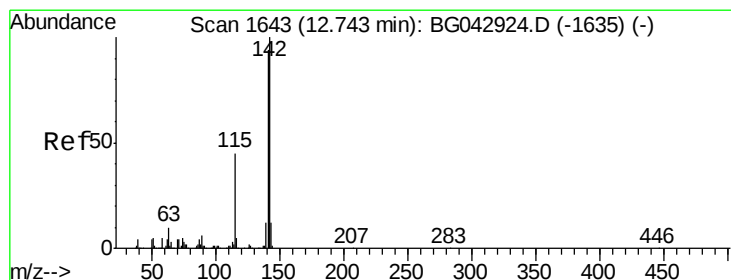
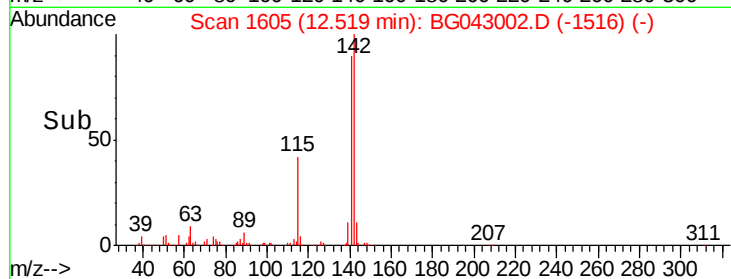
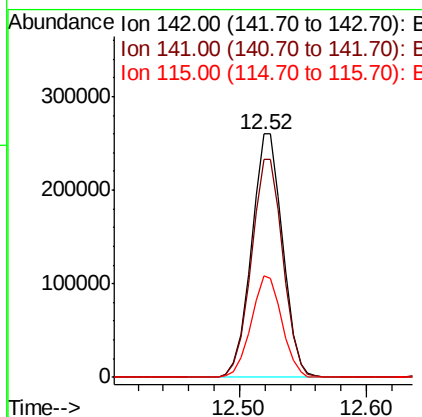
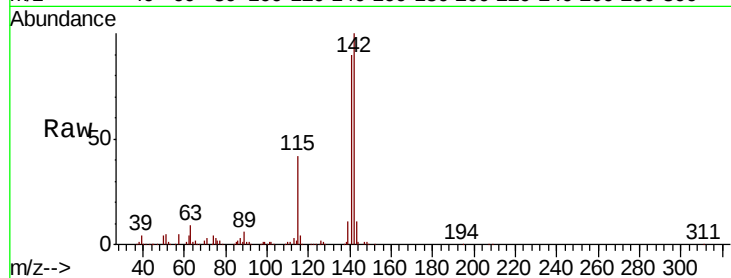




#37
2-Methylnaphthalene
Concen: 42.773 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

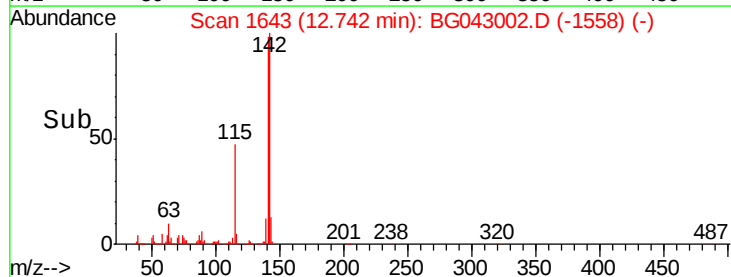
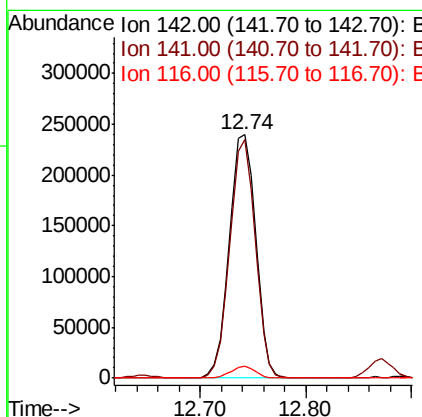
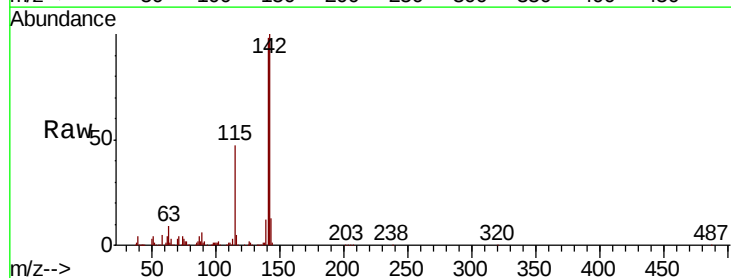
Instrument :
BNA_G
ClientSampleId :
PB123570BS

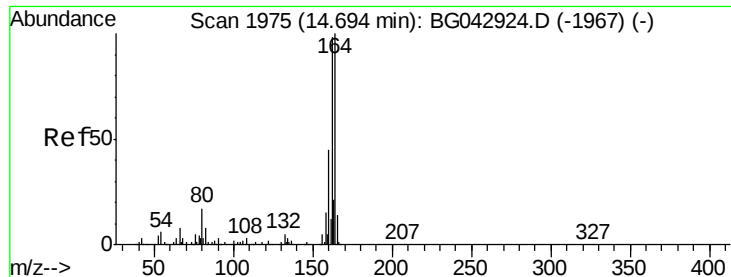
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	69.0	103.4
115	41.7	32.8	49.2



#38
1-Methylnaphthalene
Concen: 42.096 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.2	74.9	112.3
116	4.9	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

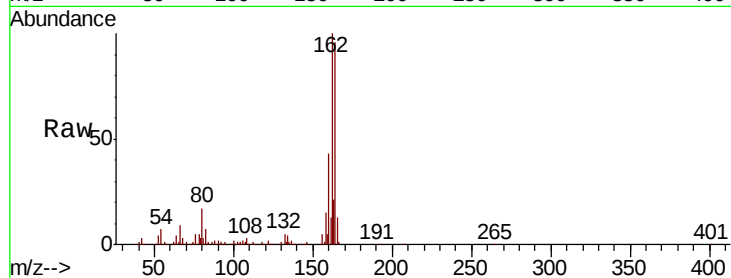
Tot Ion:164 Resp: 197988

Ion Ratio Lower Upper

164 100

162 104.6 78.5 117.7

160 44.8 35.9 53.9

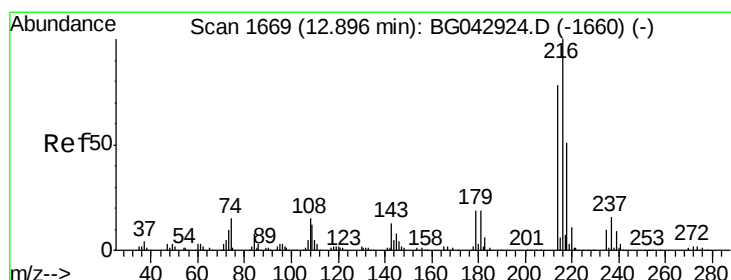
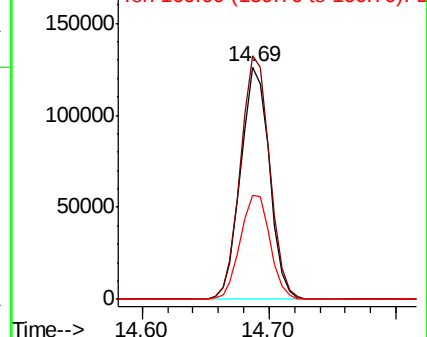
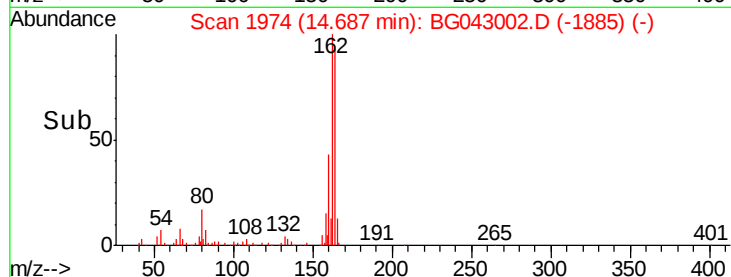


Abundance

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: 40.016 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:216 Resp: 297886

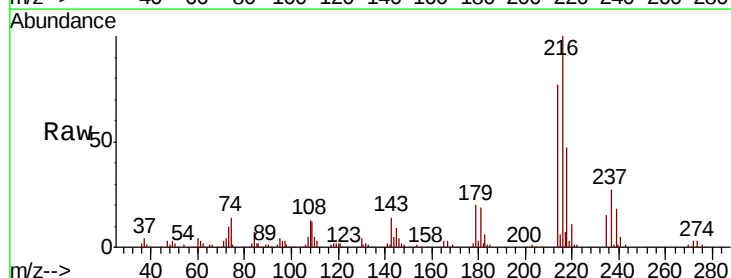
Ion Ratio Lower Upper

216 100

214 78.3 62.4 93.6

179 19.4 15.4 23.2

108 16.1 12.6 19.0



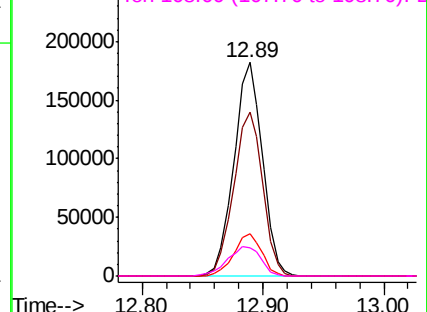
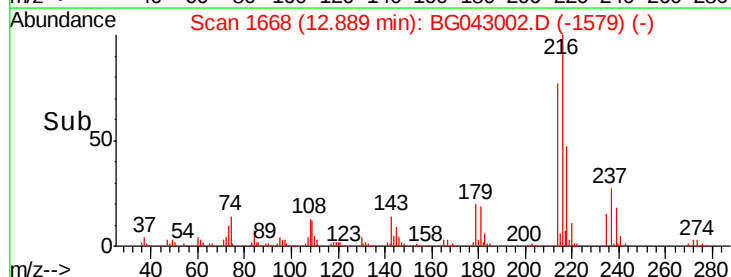
Abundance

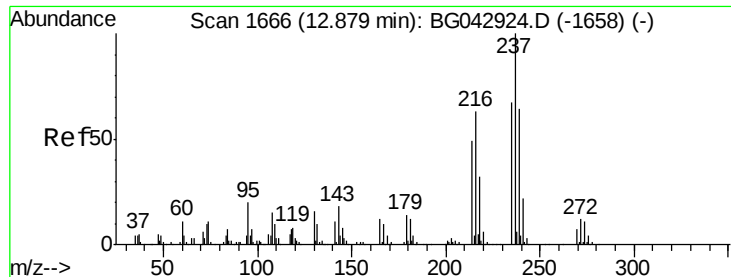
Ion 216.00 (215.70 to 216.70): E

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: 62.046 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

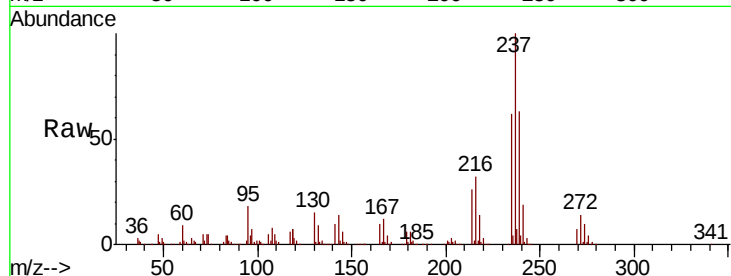
Tot Ion:237 Resp: 294290

Ion Ratio Lower Upper

237 100

235 62.1 46.7 86.7

272 13.9 0.0 32.3

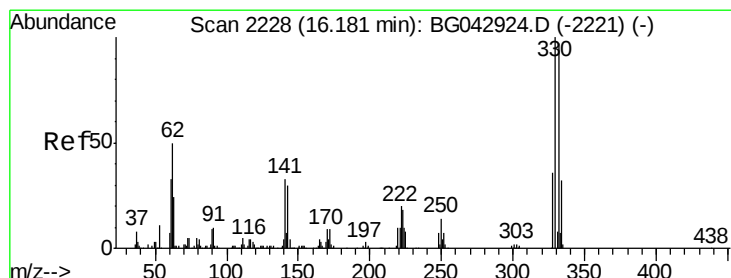
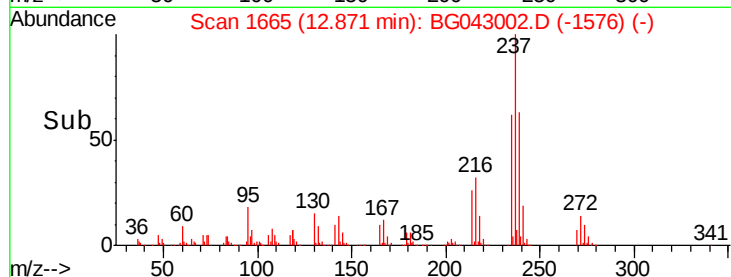
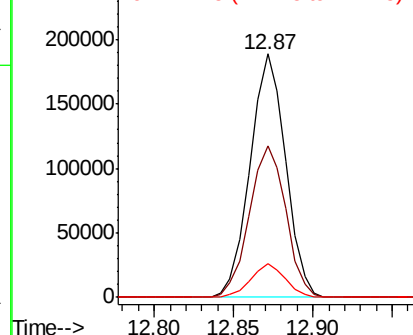


Abundance

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: 113.576 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

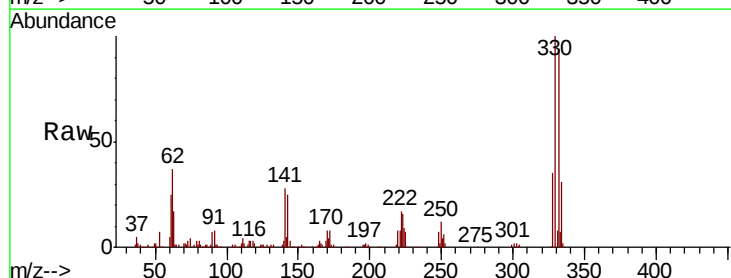
Tgt Ion:330 Resp: 386672

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.2

141 30.5 26.0 39.0

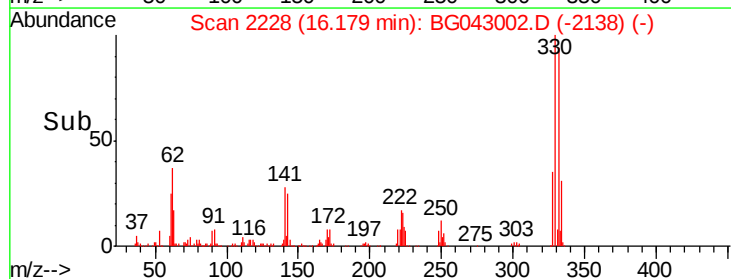
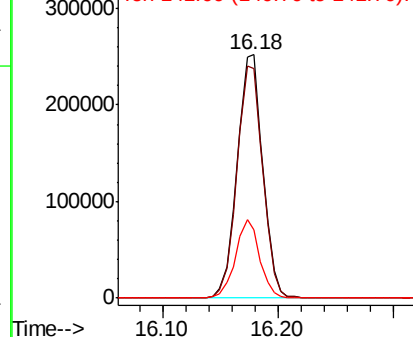


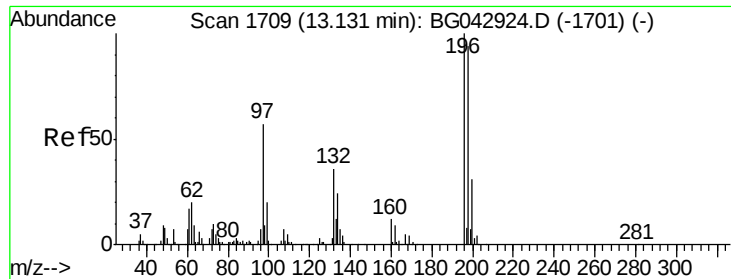
Abundance

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

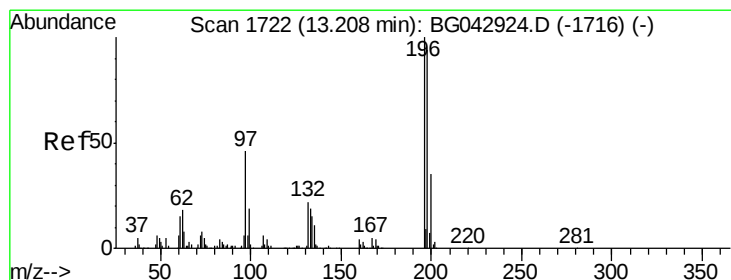
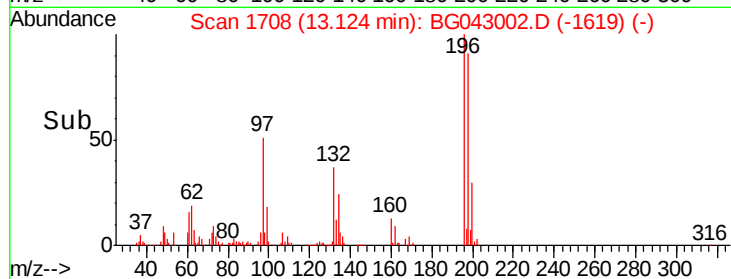
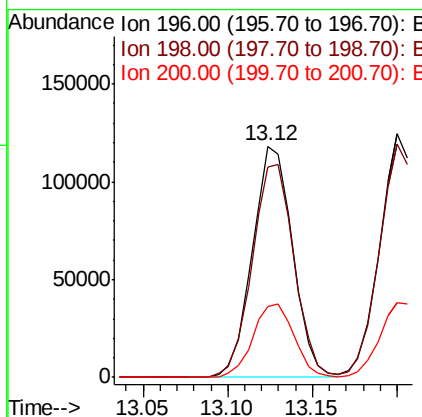
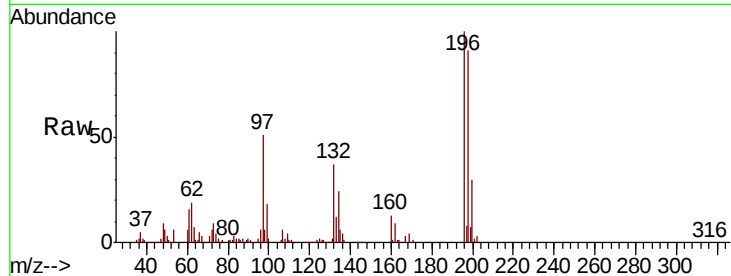




#43
 2,4,6-Trichlorophenol
 Concen: 44.865 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

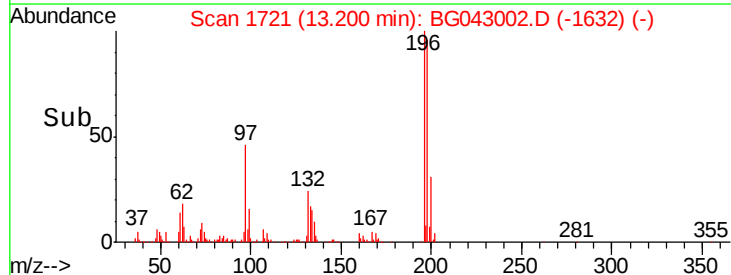
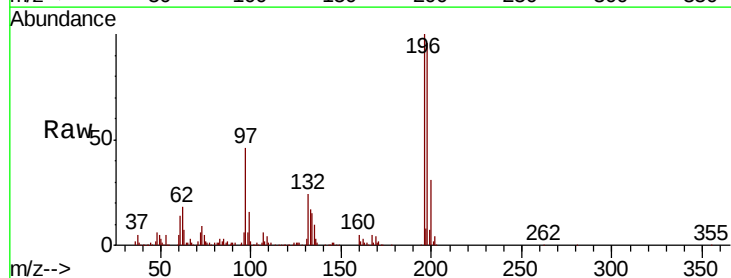
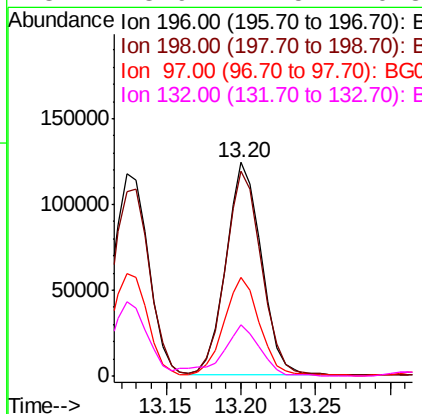
Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

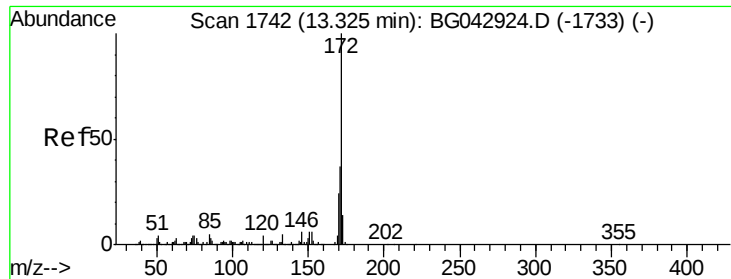
Tot Ion:196 Resp: 195484
 Ion Ratio Lower Upper
 196 100
 198 91.1 75.5 113.3
 200 30.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.827 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion:196 Resp: 205695
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.1 112.7
 97 46.0 37.0 55.4
 132 23.9 17.5 26.3

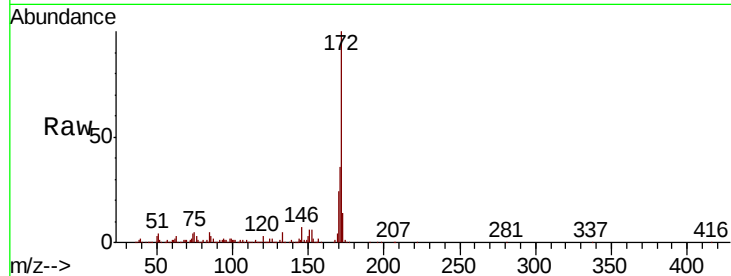




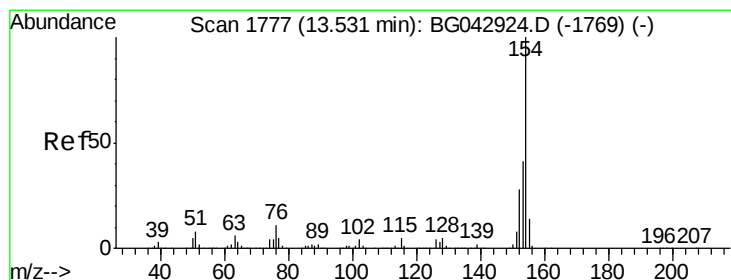
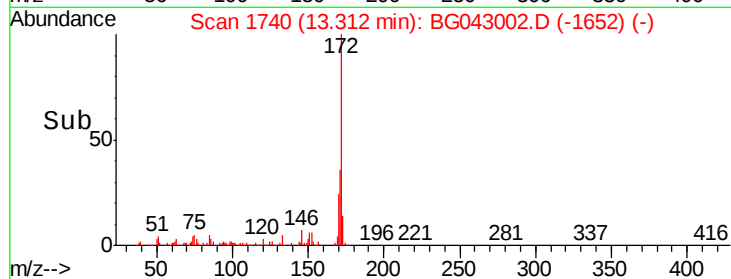
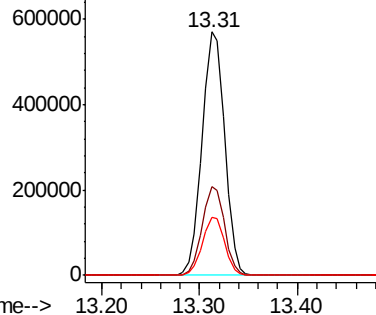
#45
2-Fluorobiphenyl
Concen: 67.233 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion:172 Resp: 918219
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.0 19.6 29.4

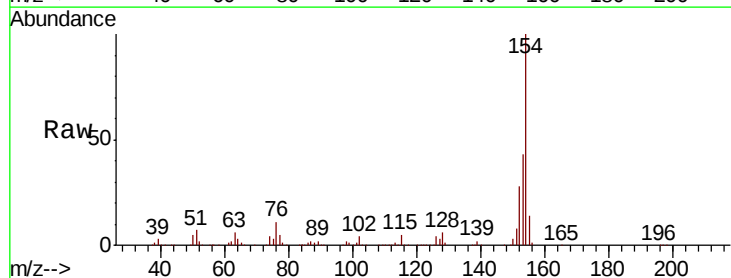


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

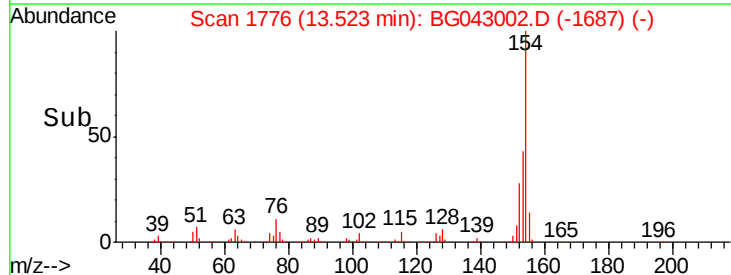
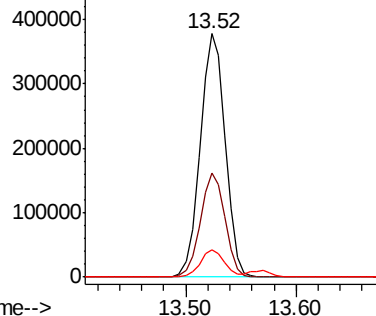


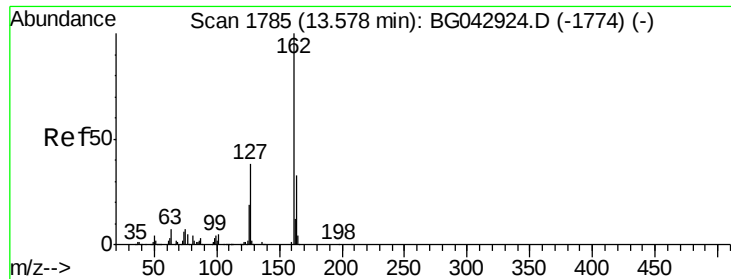
#46
1,1'-Biphenyl
Concen: 39.742 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion:154 Resp: 596704
Ion Ratio Lower Upper
154 100
153 43.0 21.4 61.4
76 11.5 0.0 31.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 42.200 ng

RT: 13.56 min Scan# 1783

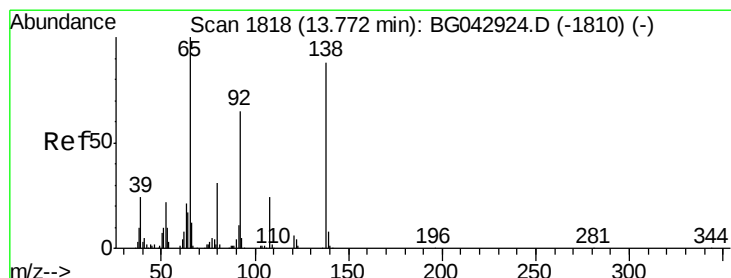
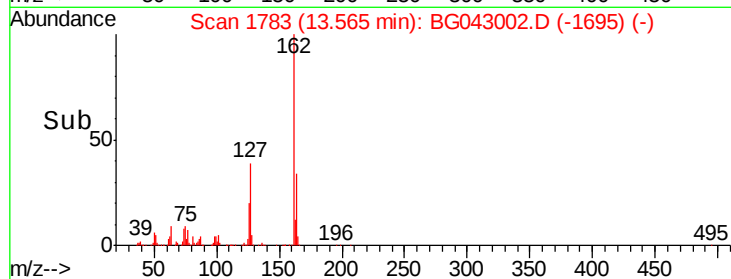
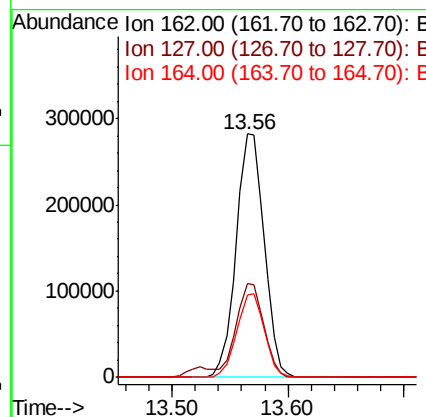
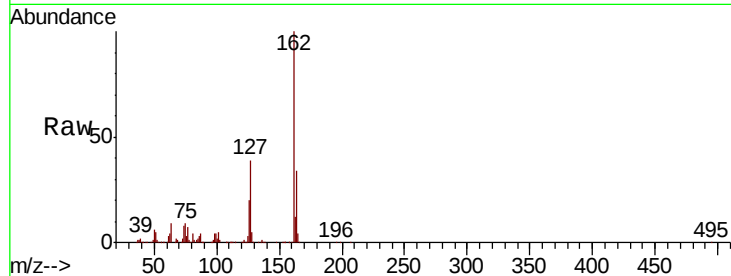
Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.0	46.6
164	33.9	26.2	39.2



#48

2-Nitroaniline

Concen: 41.859 ng

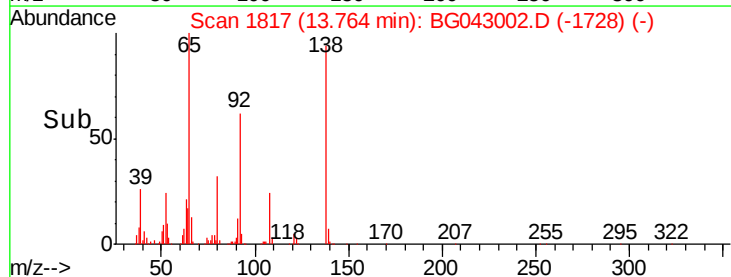
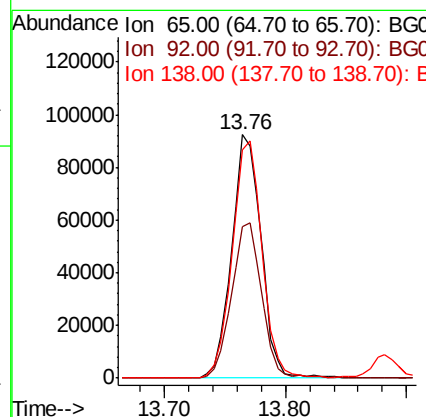
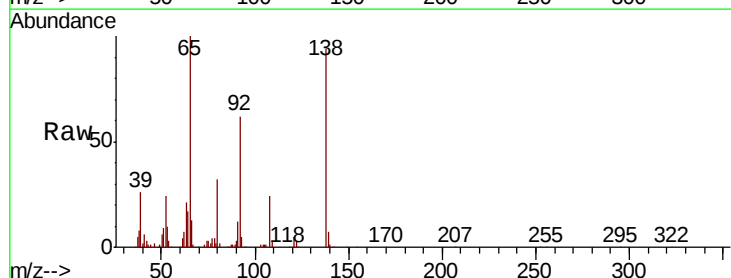
RT: 13.76 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	52.0	78.0
138	93.7	70.4	105.6





#49

Acenaphthylene

Concen: 43.694 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

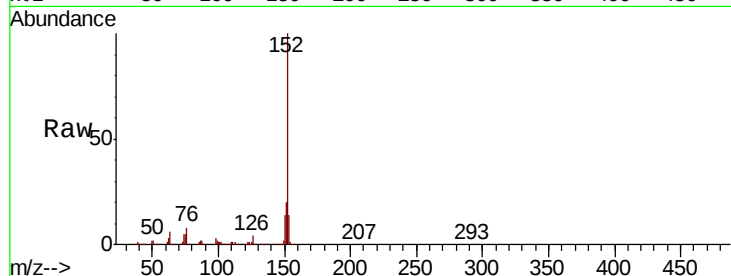
Tot Ion:152 Resp: 752624

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

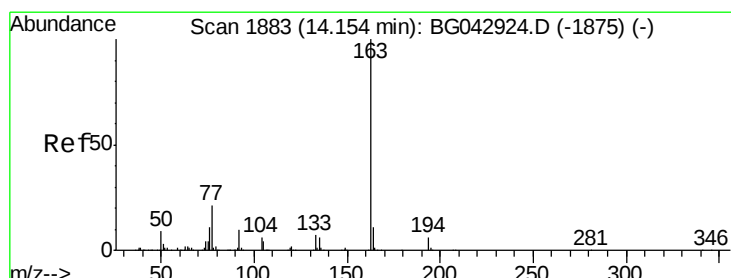
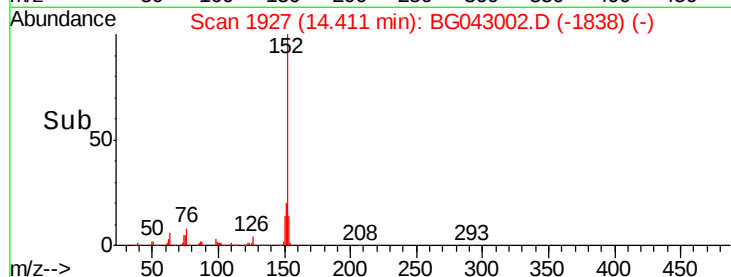
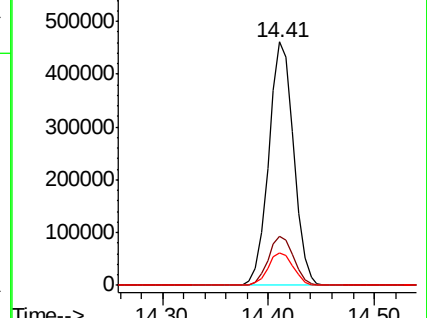
153 13.5 11.3 16.9



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: 40.168 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

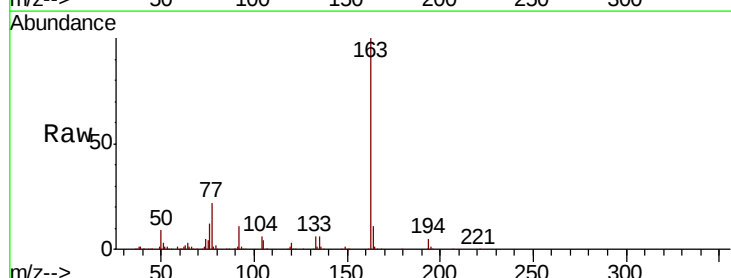
Tgt Ion:163 Resp: 595878

Ion Ratio Lower Upper

163 100

194 5.0 4.4 6.6

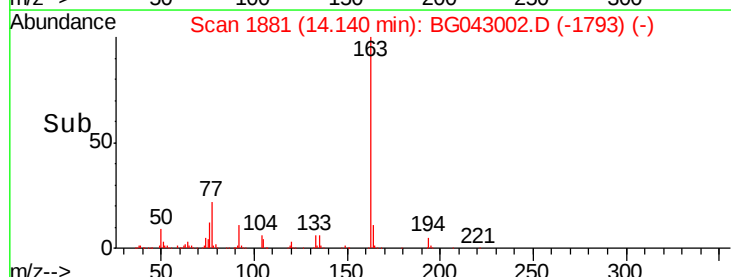
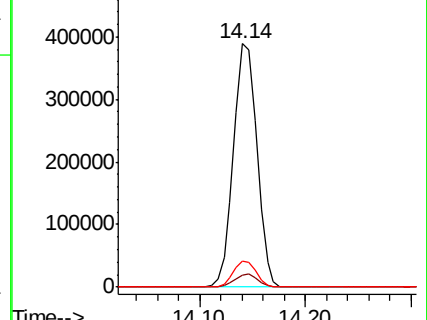
164 10.8 8.6 12.8

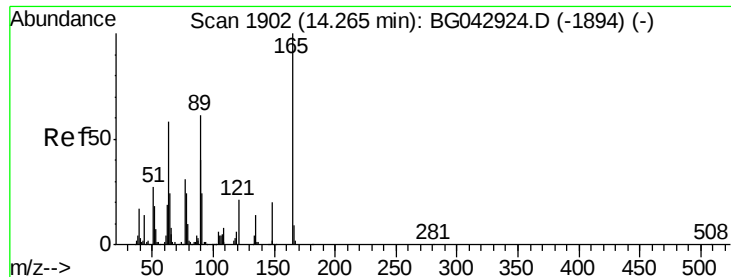


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

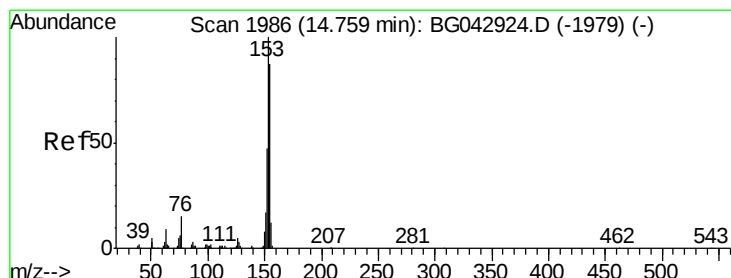
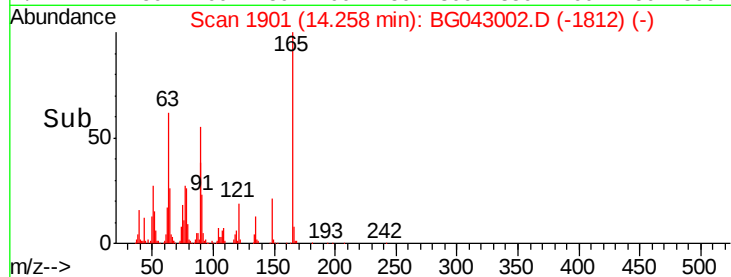
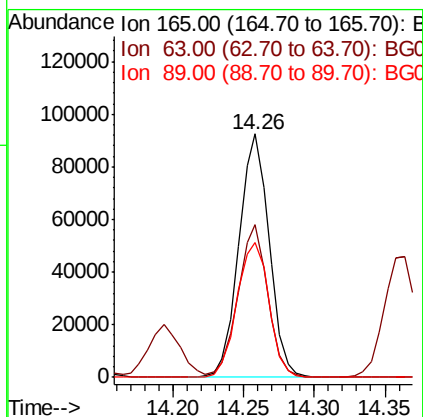
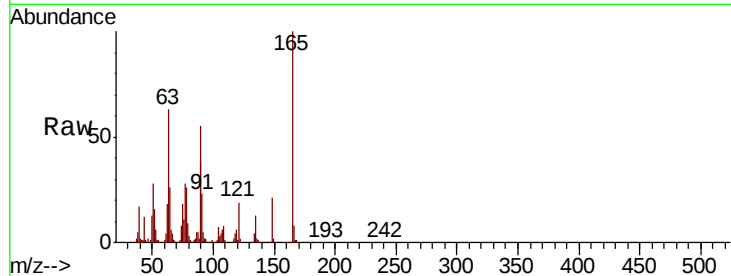




#51
 2,6-Dinitrotoluene
 Concen: 43.893 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

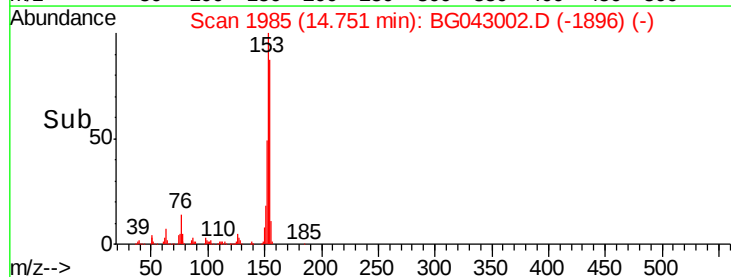
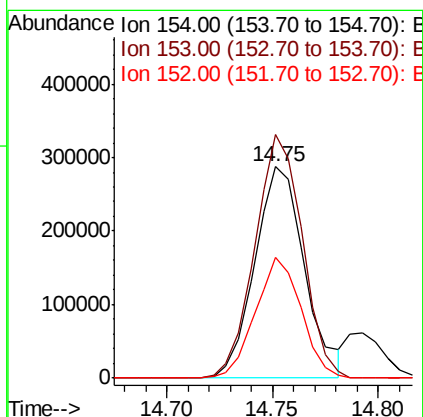
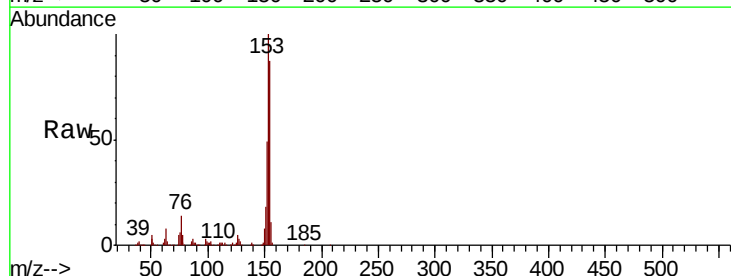
Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion:165 Resp: 138664
 Ion Ratio Lower Upper
 165 100
 63 62.8 50.3 75.5
 89 55.4 48.9 73.3



#52
 Acenaphthene
 Concen: 40.866 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion:154 Resp: 471156
 Ion Ratio Lower Upper
 154 100
 153 115.2 91.4 137.0
 152 56.9 42.8 64.2





#53

3-Nitroaniline

Concen: 34.538 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

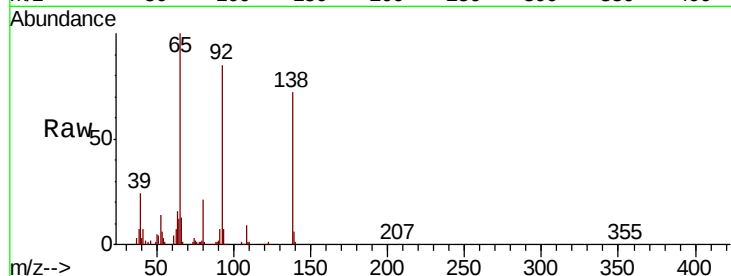
Tot Ion:138 Resp: 112760

Ion Ratio Lower Upper

138 100

108 11.9 7.9 11.9

92 117.1 97.0 145.6

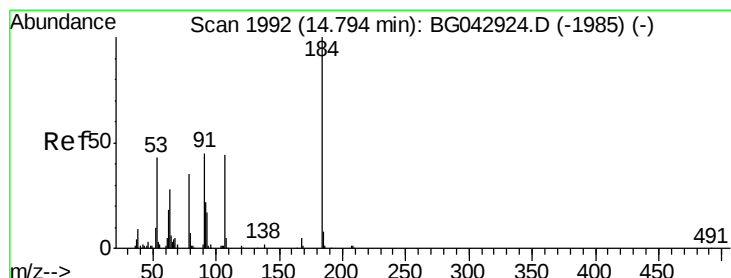
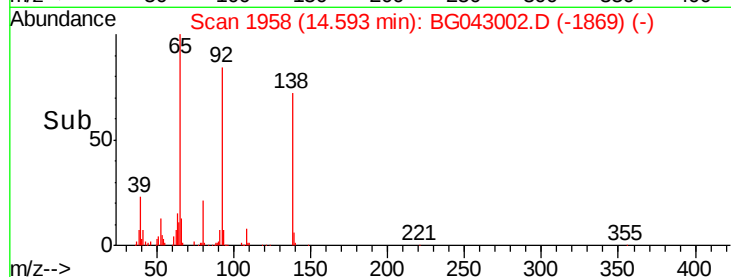
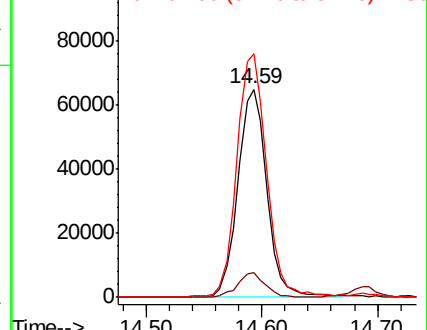


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 73.831 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

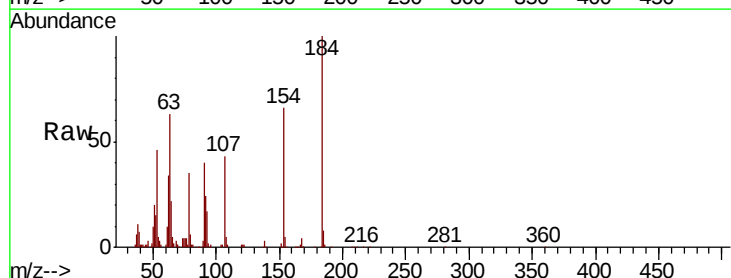
Tgt Ion:184 Resp: 144979

Ion Ratio Lower Upper

184 100

63 63.0 55.0 82.6

154 66.5 56.5 84.7

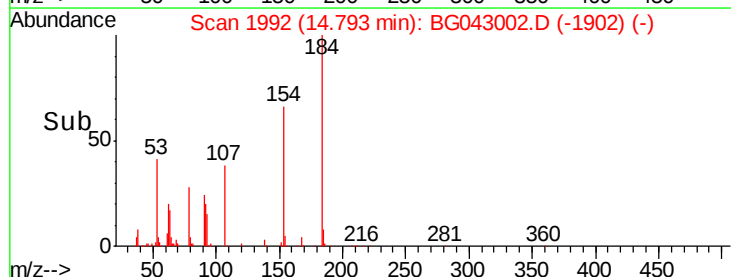
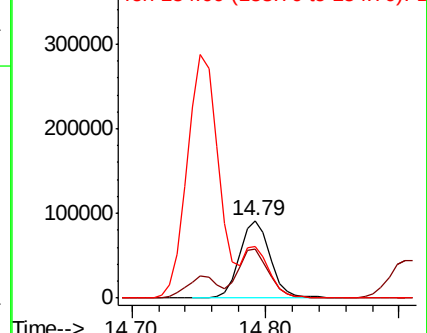


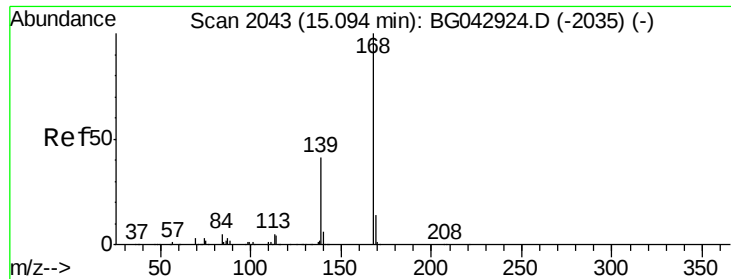
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

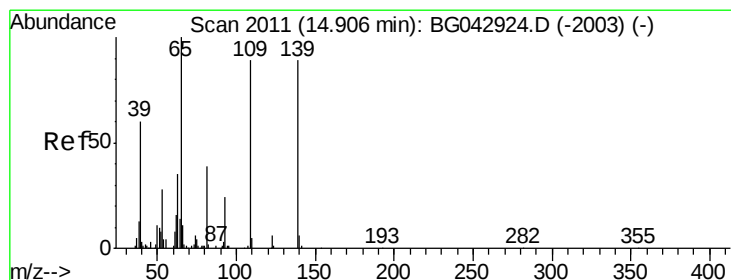
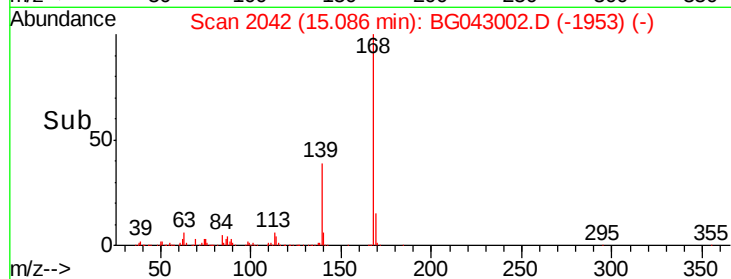
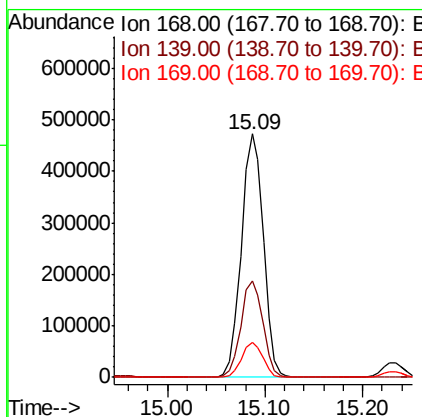
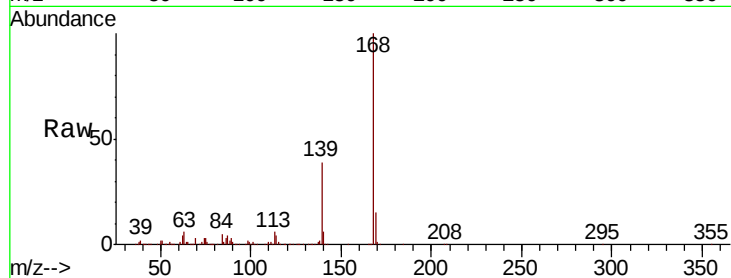




#55
Dibenzenofuran
Concen: 43.530 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

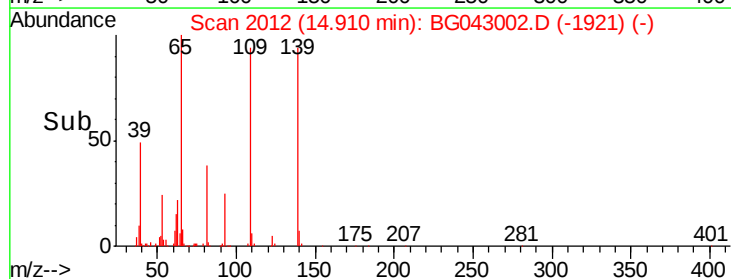
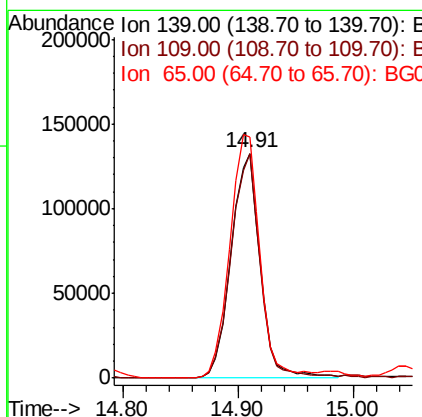
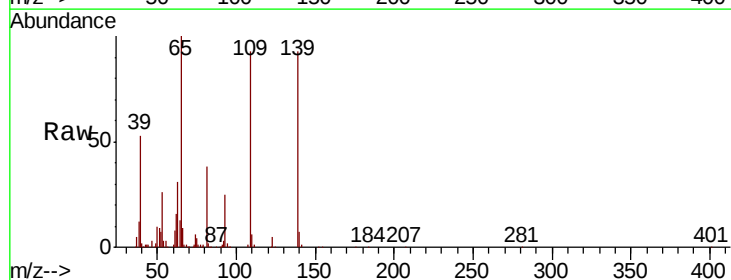
Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.6	48.8
169	14.6	11.2	16.8



#56
4-Nitrophenol
Concen: 93.351 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.8	79.4	119.4
65	107.3	92.5	132.5

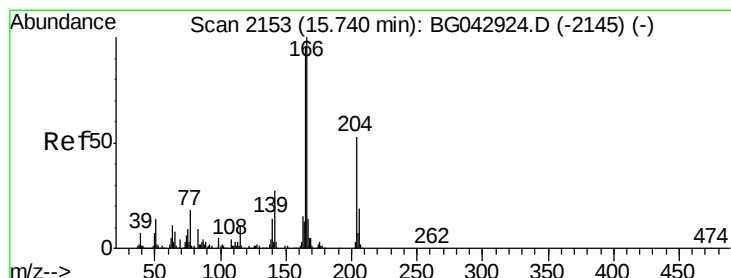
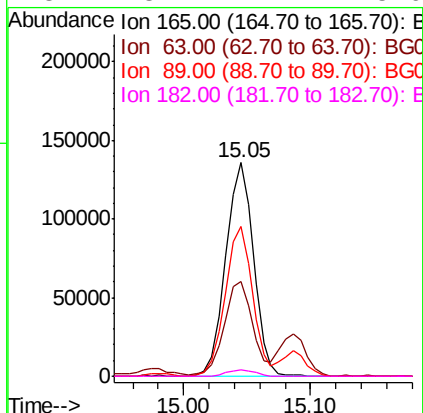
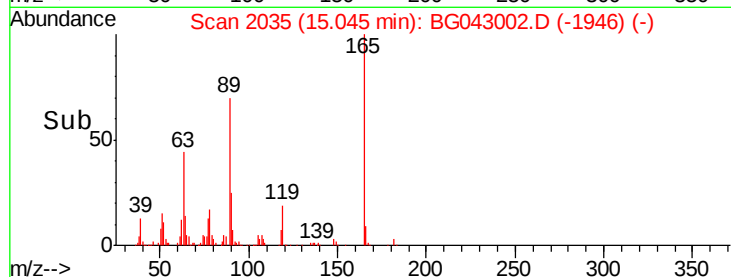
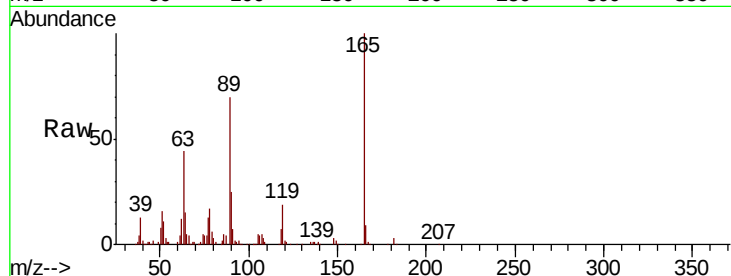




#57
 2,4-Dinitrotoluene
 Concen: 44.453 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

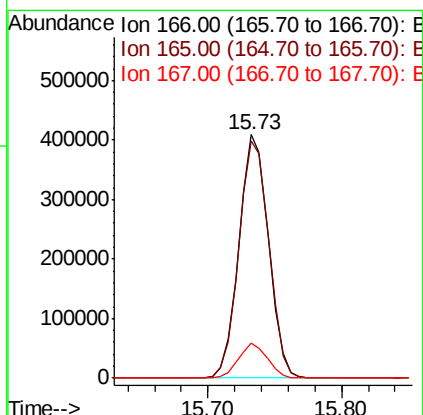
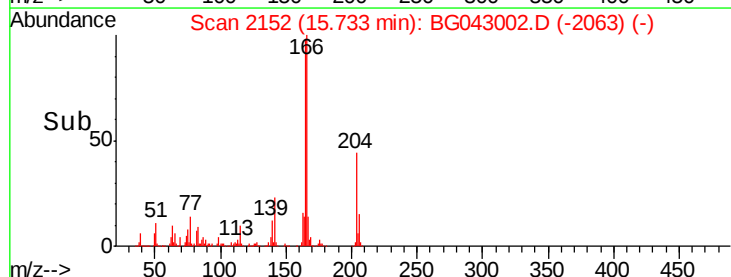
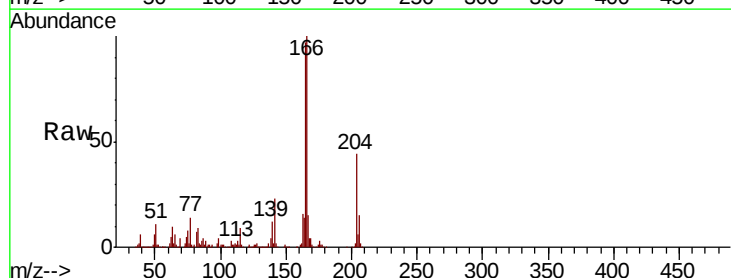
Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

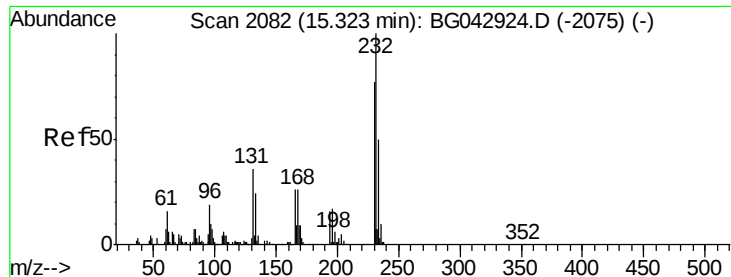
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.3	36.5	54.7
89	70.3	55.5	83.3
182	3.1	2.4	3.6



#58
 Fluorene
 Concen: 42.841 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.1	115.7
167	14.6	11.0	16.6

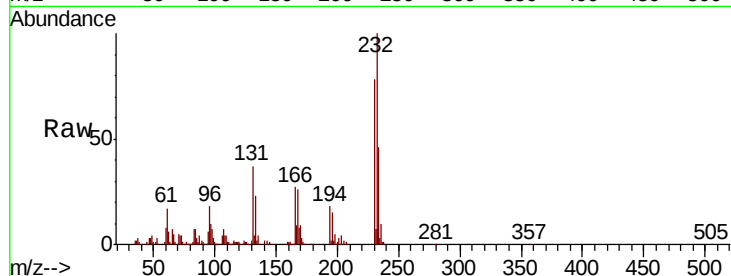




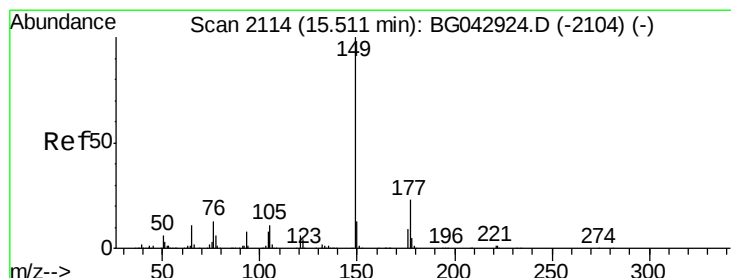
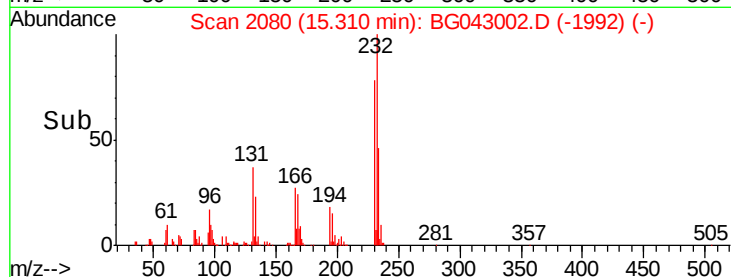
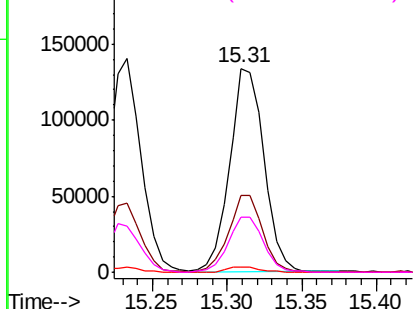
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.911 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion:232	Resp:	214632
Ion Ratio	Lower	Upper
232	100	
131	37.8	29.6 44.4
130	2.5	1.9 2.9
166	27.8	21.8 32.8

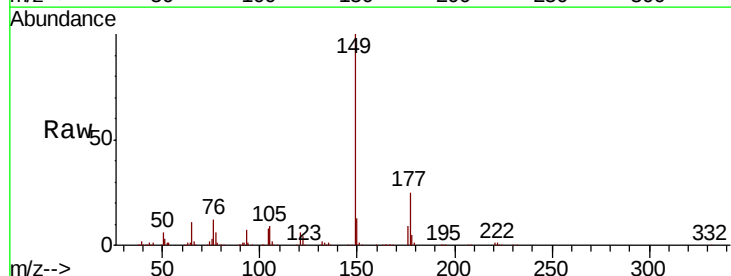


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

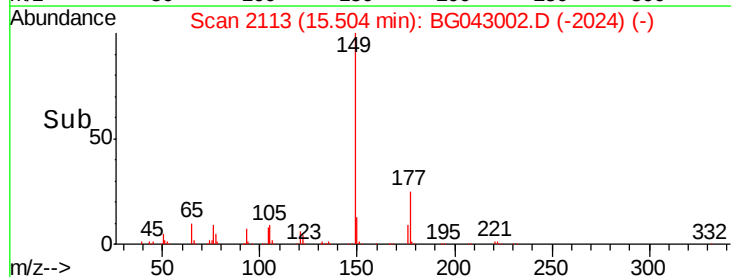
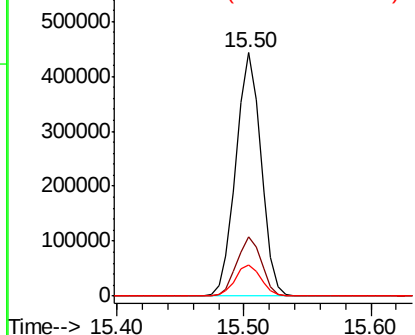


#60
Diethylphthalate
Concen: 40.114 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion:149	Resp:	605601
Ion Ratio	Lower	Upper
149	100	
177	24.6	18.8 28.2
150	12.9	10.6 15.8



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

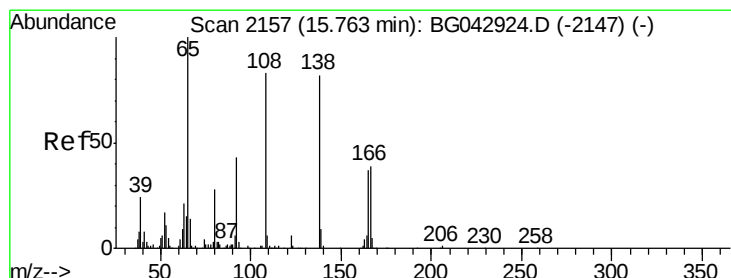
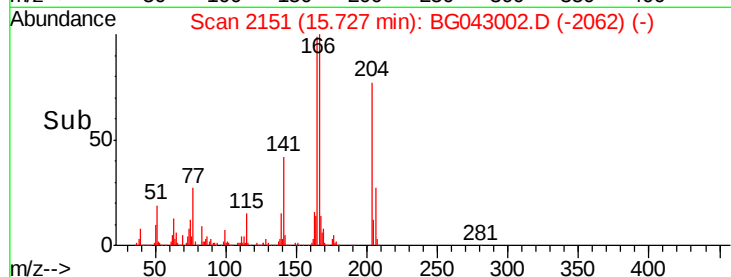
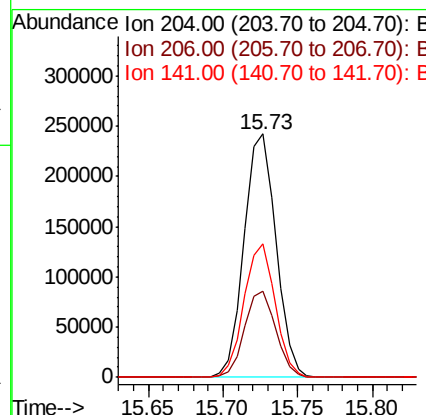
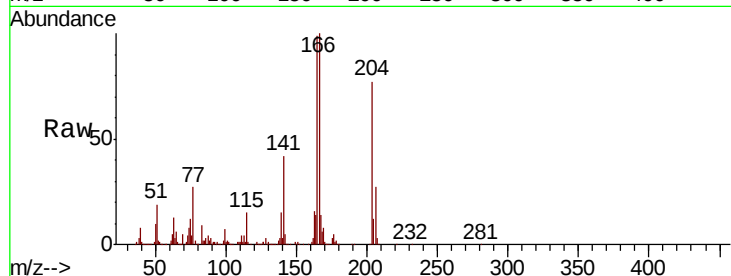




#61
4-Chlorophenyl-phenylether
Concen: 41.101 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

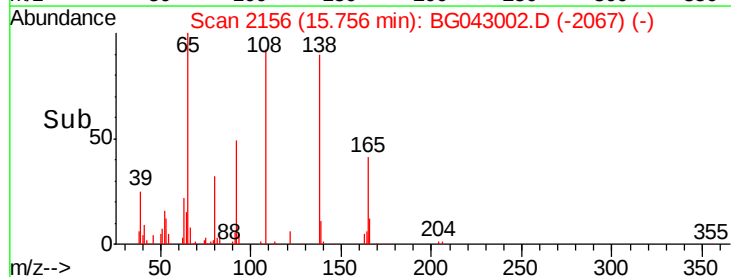
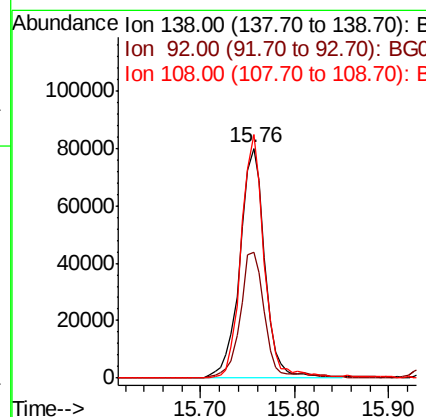
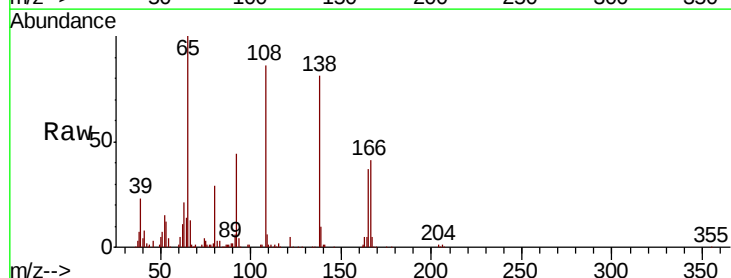
Instrument :
BNA_G
ClientSampleId :
PB123570BS

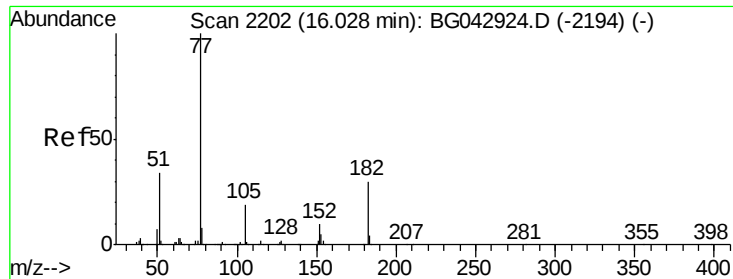
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	28.5	42.7
141	54.7	42.4	63.6



#62
4-Nitroaniline
Concen: 41.621 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	32.9	72.9
108	106.1	81.3	121.3





#63

Azobenzene

Concen: 41.024 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

Tot Ion: 77 Resp: 563872

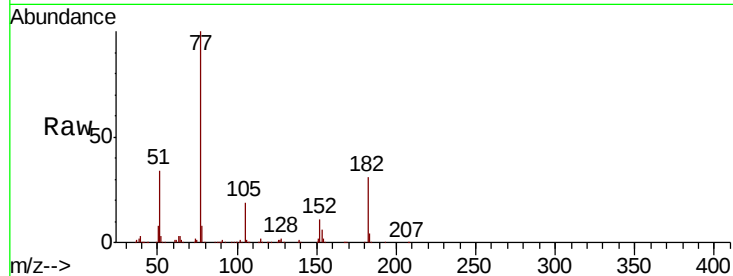
Ion Ratio Lower Upper

77 100

182 31.1 10.2 50.2

105 19.5 0.0 39.1

51 34.3 13.9 53.9

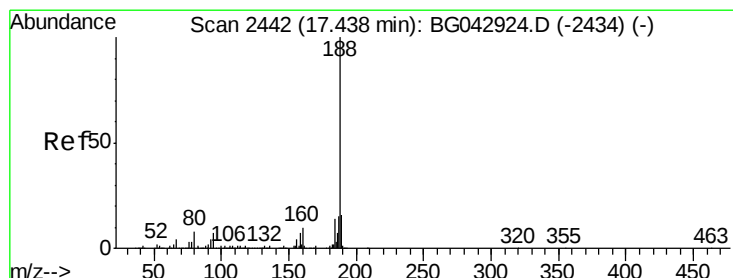
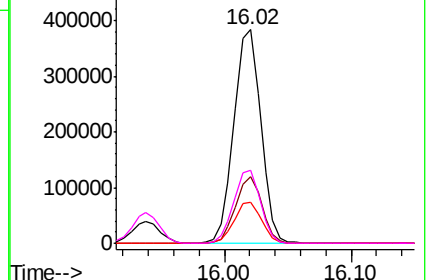
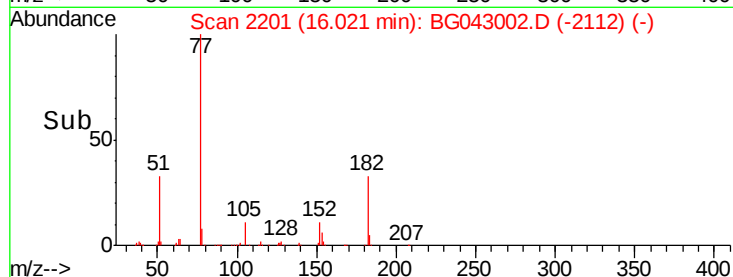


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

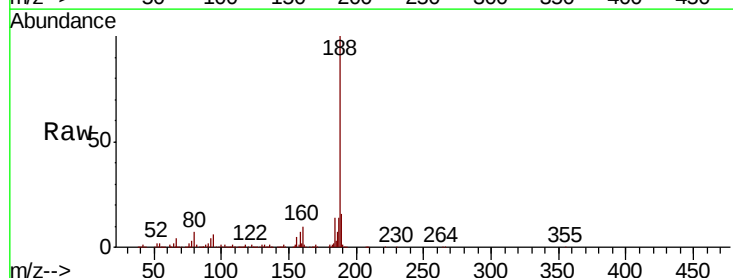
Tgt Ion: 188 Resp: 480029

Ion Ratio Lower Upper

188 100

94 6.3 5.7 8.5

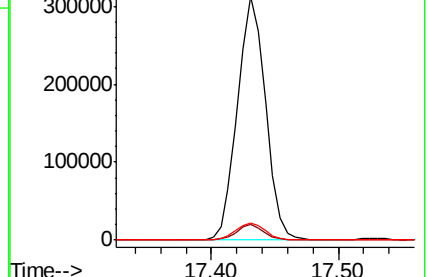
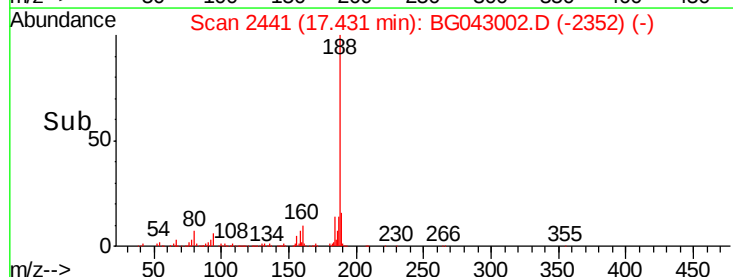
80 7.1 6.5 9.7

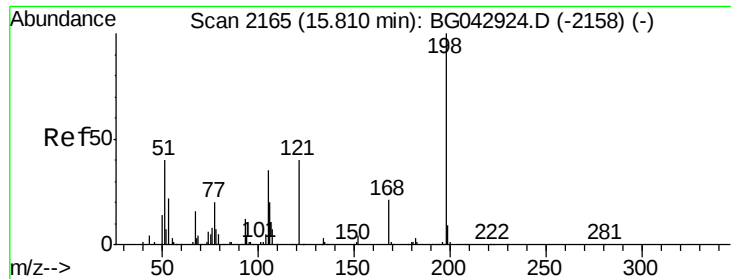


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

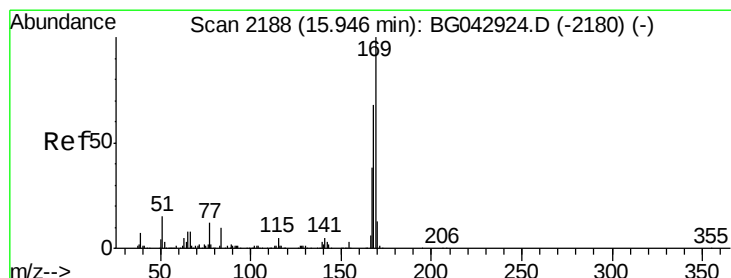
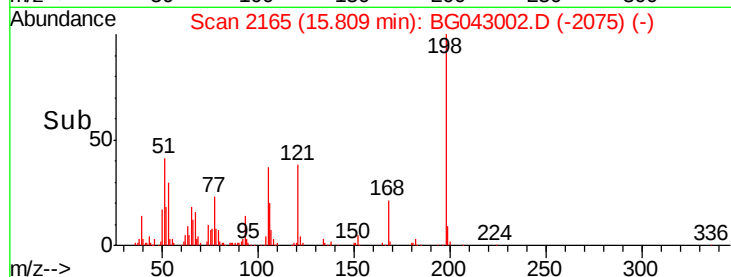
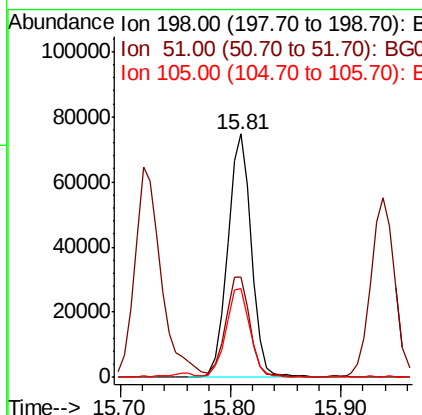
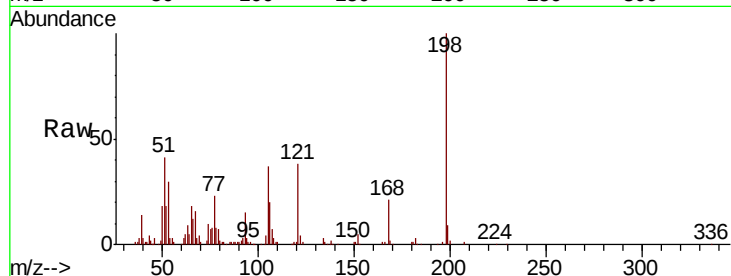




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.180 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

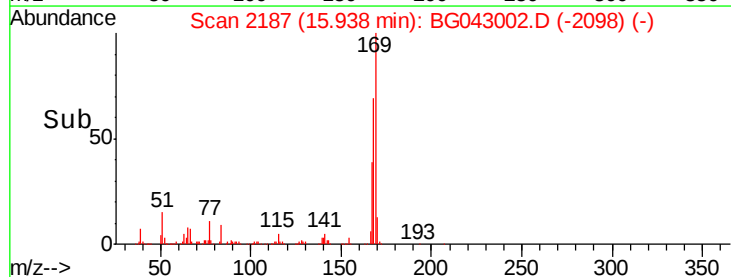
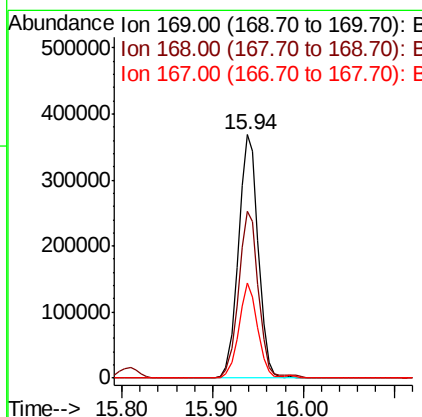
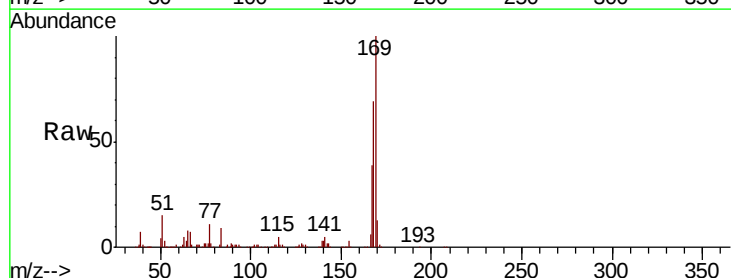
Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

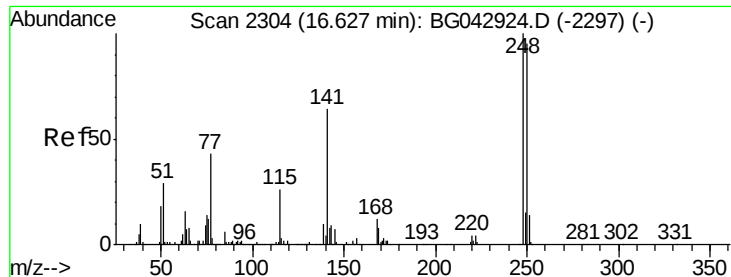
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.2	25.3	65.3
105	36.6	16.6	56.6



#66
 n-Nitrosodiphenylamine
 Concen: 44.139 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	54.8	82.2
167	39.2	30.6	46.0

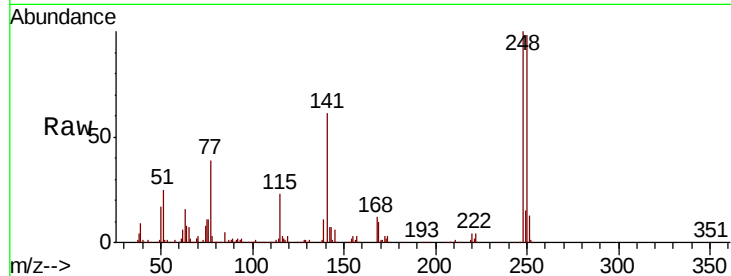




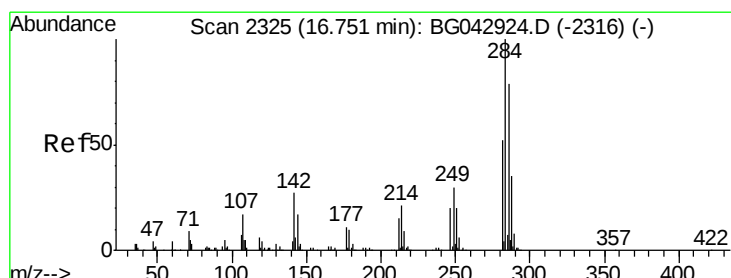
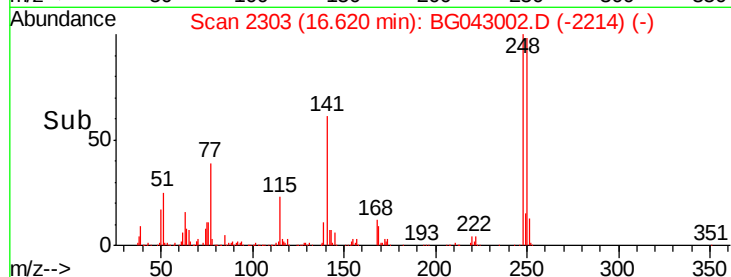
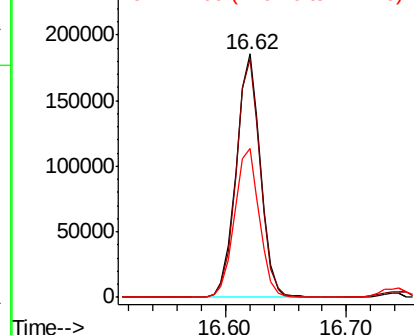
#67
4-Bromophenyl-phenylether
Concen: 42.975 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Instrument :
BNA_G
ClientSampleId :
PB123570BS

Tot Ion:248 Resp: 258914
Ion Ratio Lower Upper
248 100
250 97.8 75.8 113.8
141 61.0 51.1 76.7

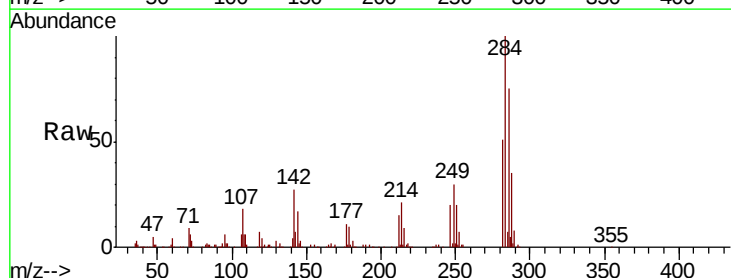


Abundance Ion 248.00 (247.70 to 248.70): E
250000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

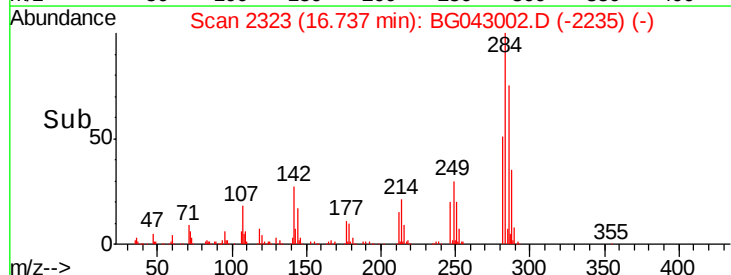
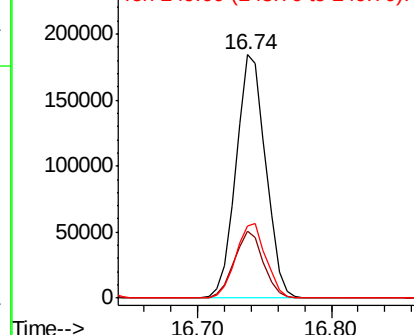


#68
Hexachlorobenzene
Concen: 42.458 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion:284 Resp: 284820
Ion Ratio Lower Upper
284 100
142 27.4 21.6 32.4
249 29.7 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
250000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.137 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

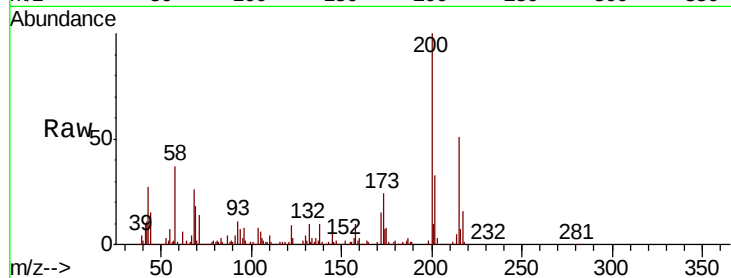
Tot Ion:200 Resp: 214177

Ion Ratio Lower Upper

200 100

173 24.1 4.0 44.0

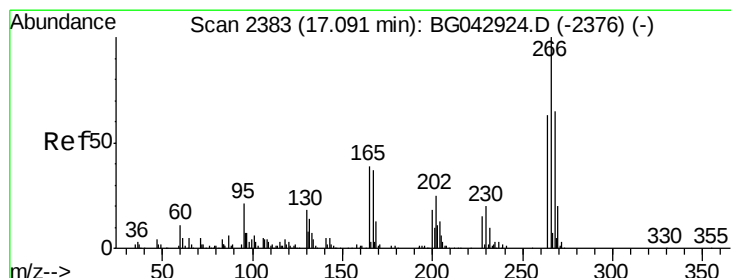
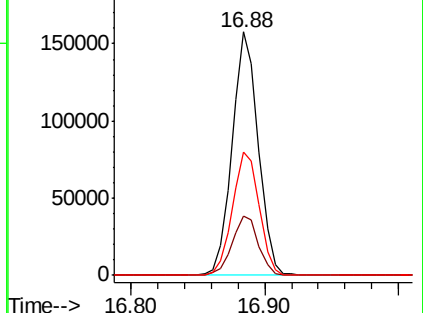
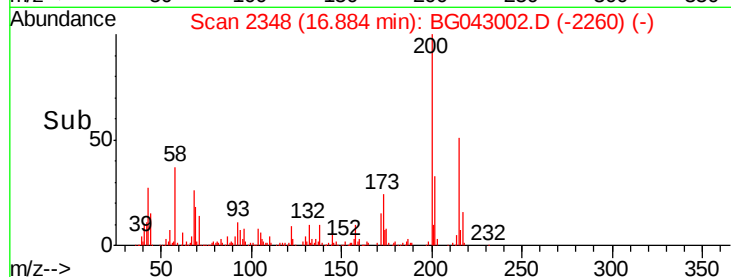
215 50.6 27.4 67.4



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: 93.072 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

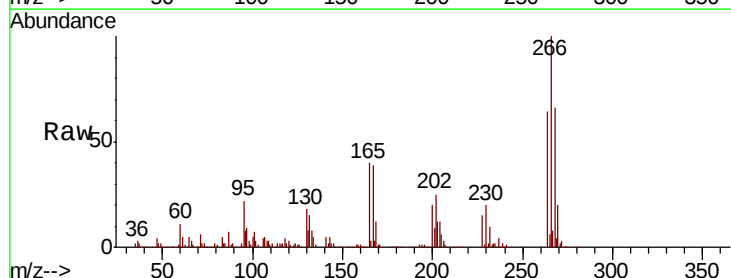
Tgt Ion:266 Resp: 360263

Ion Ratio Lower Upper

266 100

268 66.2 52.2 78.2

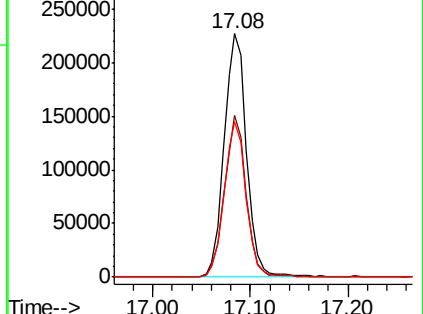
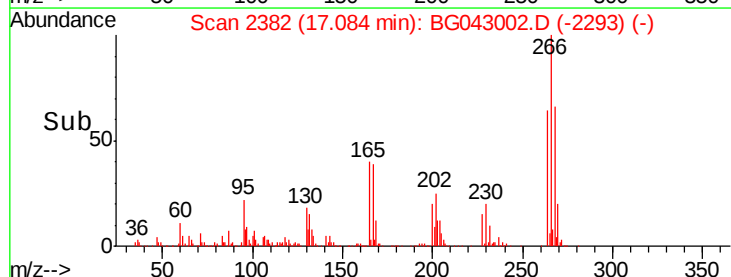
264 63.6 50.7 76.1

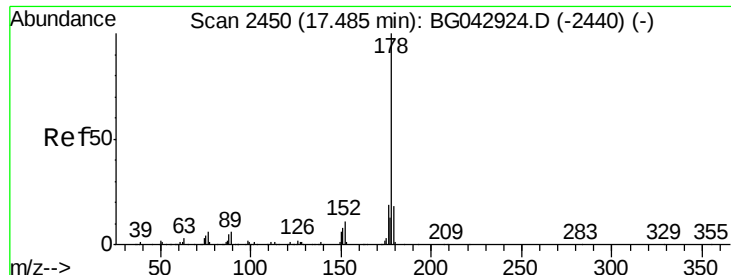


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

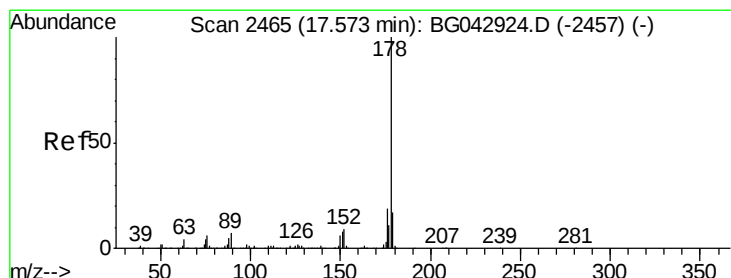
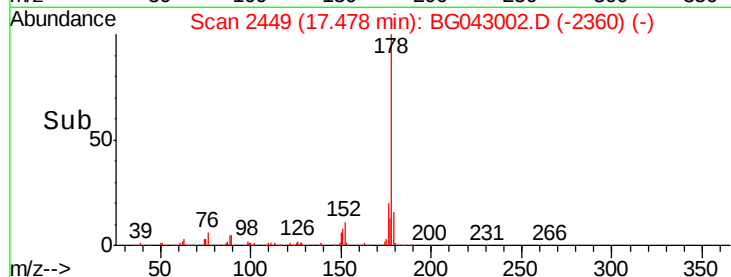
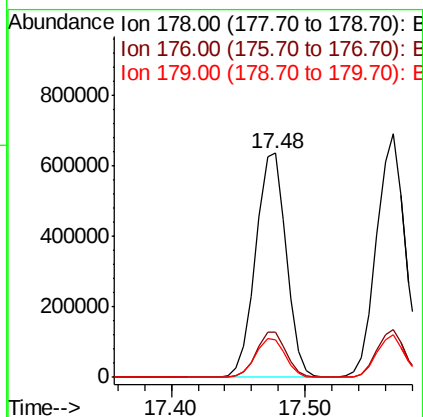
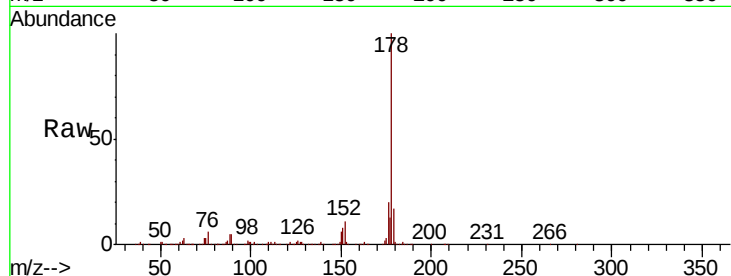




#71
 Phenanthrene
 Concen: 42.828 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

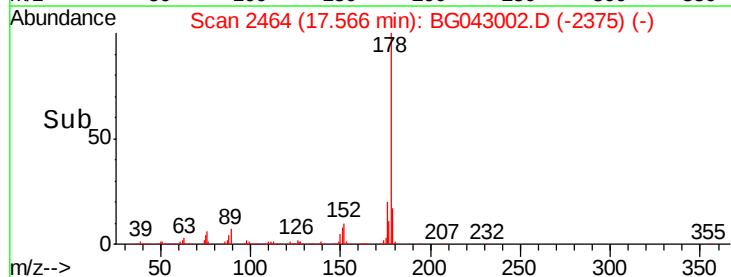
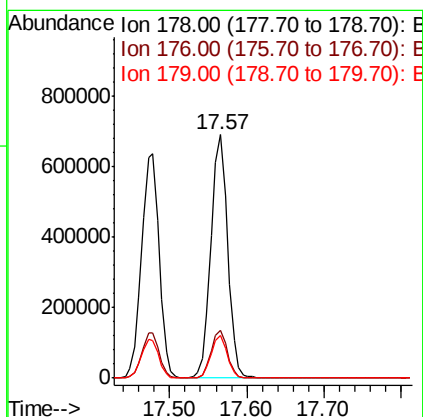
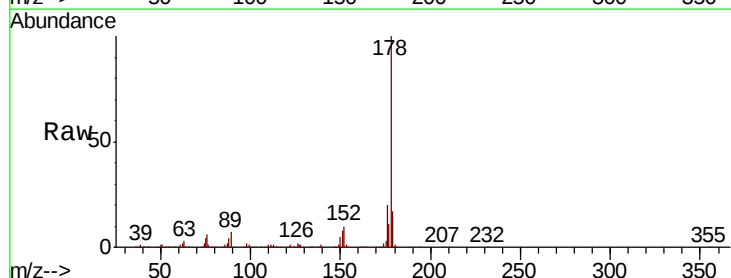
Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion:178 Resp: 1003674
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.1 22.7
 179 16.7 14.1 21.1



#72
 Anthracene
 Concen: 43.921 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion:178 Resp: 1027568
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 17.4 13.5 20.3

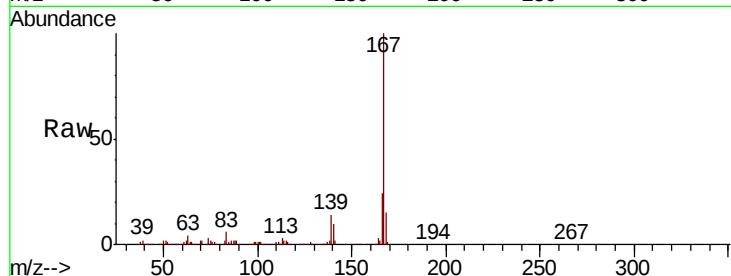




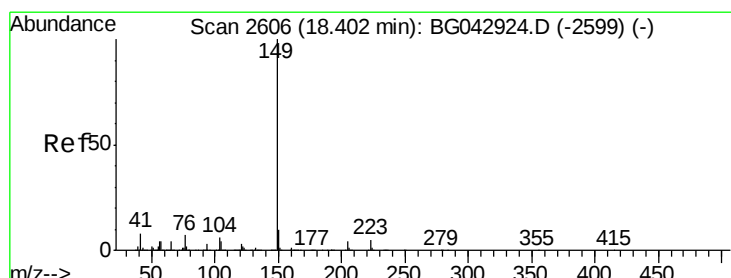
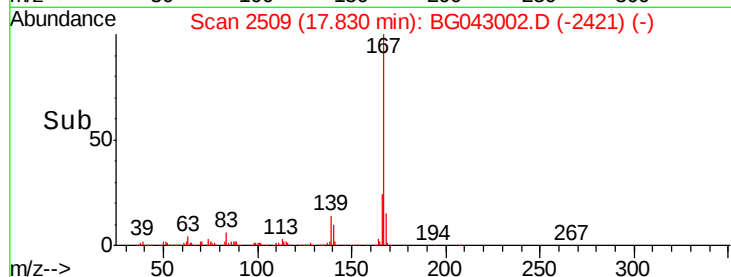
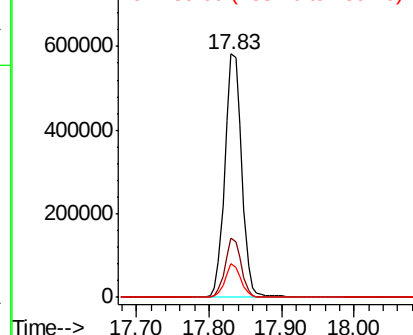
#73
 Carbazole
 Concen: 43.488 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Instrument :
 BNA_G
 ClientSampleId :
 PB123570BS

Tot Ion:167 Resp: 943478
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.6 28.0
 139 13.6 10.8 16.2

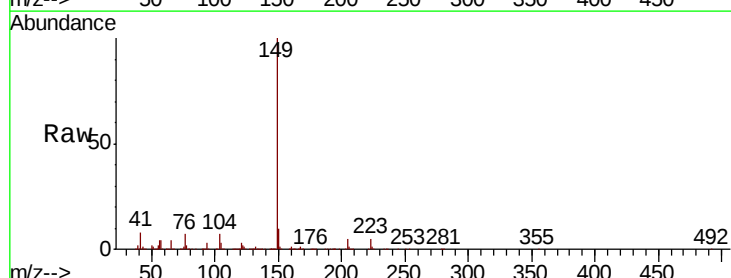


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

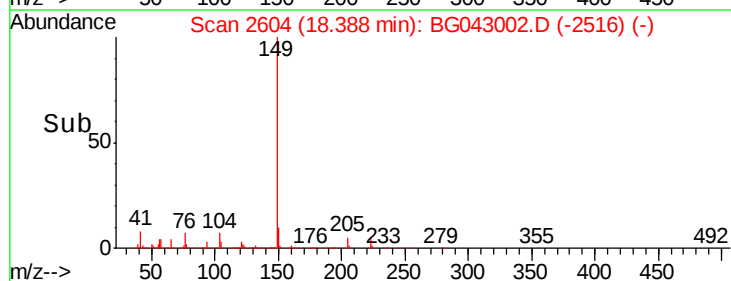
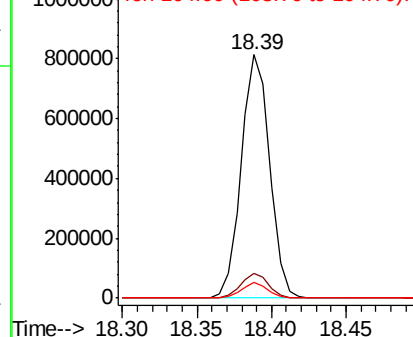


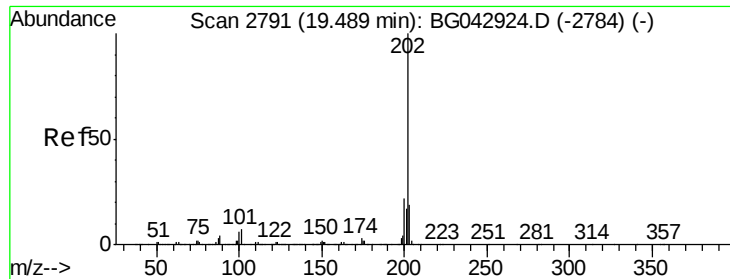
#74
 Di-n-butylphthalate
 Concen: 41.445 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG043002.D
 Acq: 3 Oct 2019 2:48

Tgt Ion:149 Resp: 1072796
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 6.6 5.0 7.6



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: 42.307 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

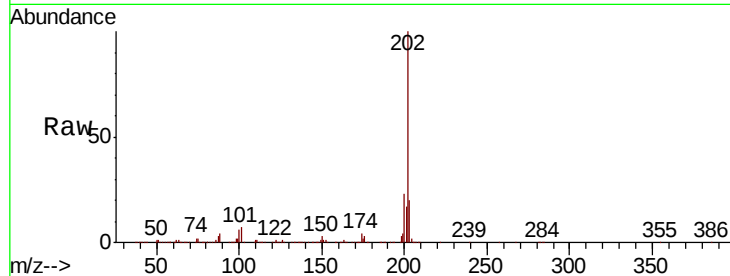
BNA_G

ClientSampleId :

PB123570BS

Tot Ion:202 Resp: 1311387

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.3
203	19.9	0.0	39.5

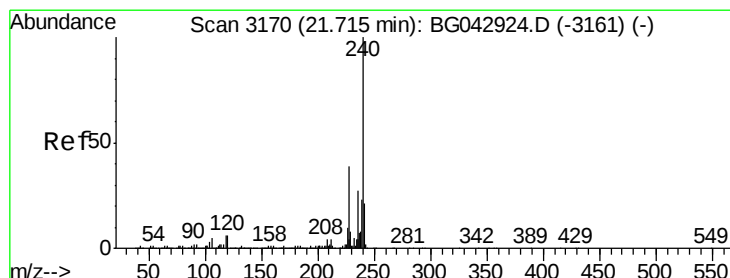
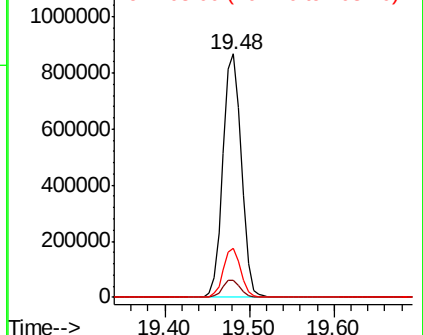
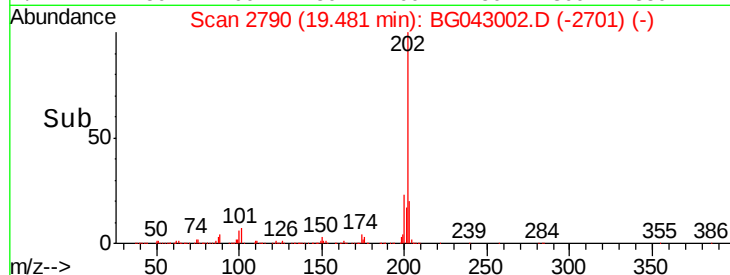


Abundance

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: 20.000 ng

RT: 21.70 min Scan# 3168

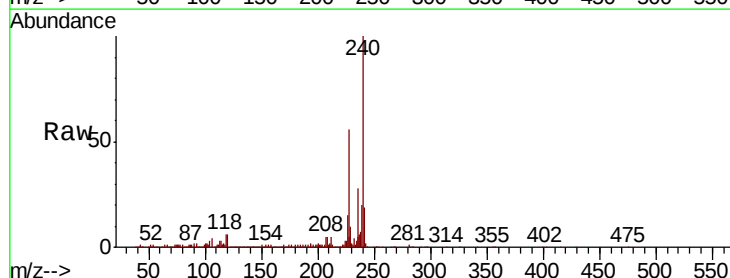
Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:240 Resp: 523354

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.8	7.2
236	28.2	21.4	32.0

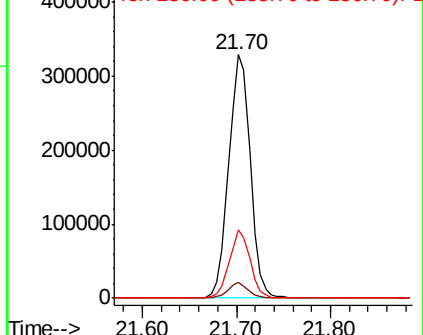
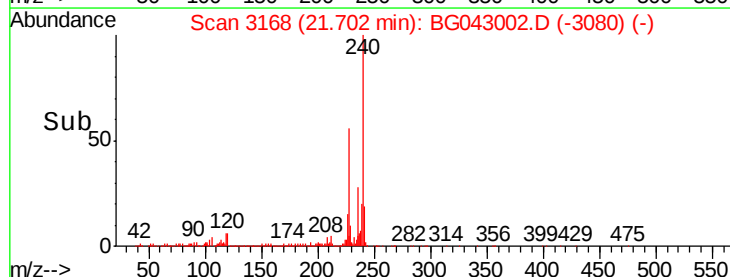


Abundance

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: 38.760 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

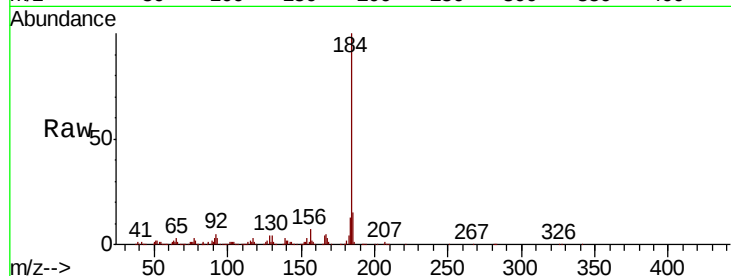
BNA_G

ClientSampleId :

PB123570BS

Tot Ion:184 Resp: 507924

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.8
183	13.2	10.1	15.1

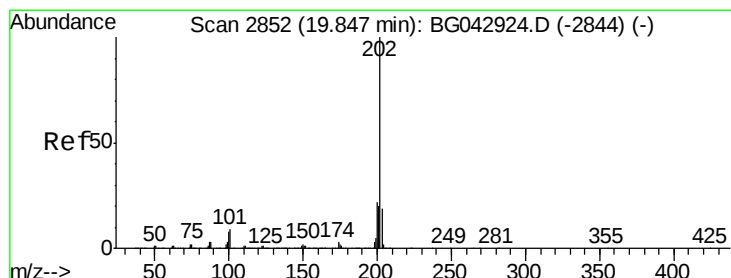
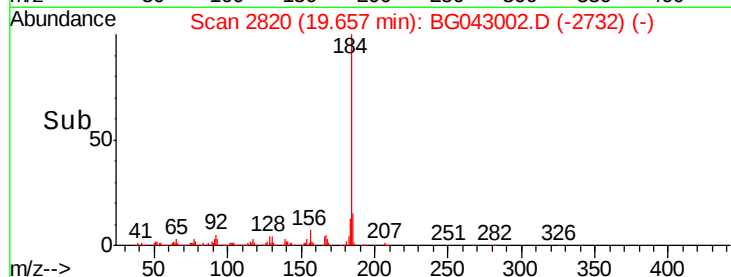
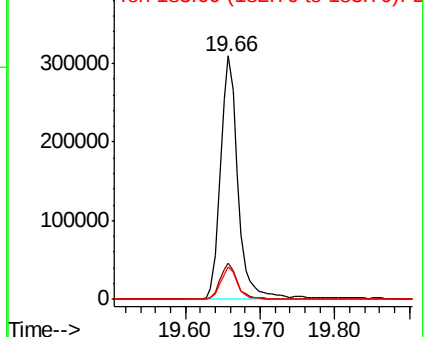


Abundance

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: 42.488 ng

RT: 19.84 min Scan# 2851

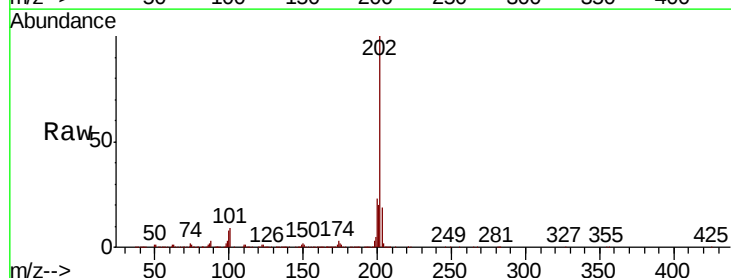
Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:202 Resp: 1327205

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.6	26.4
203	19.3	15.2	22.8

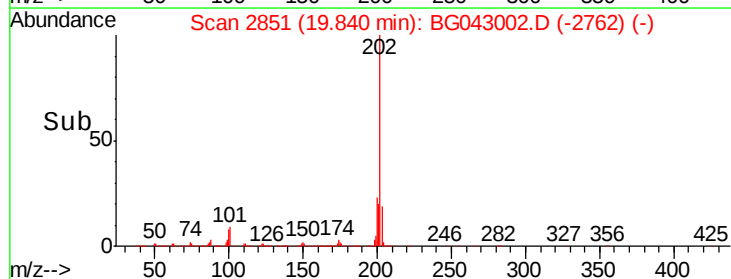
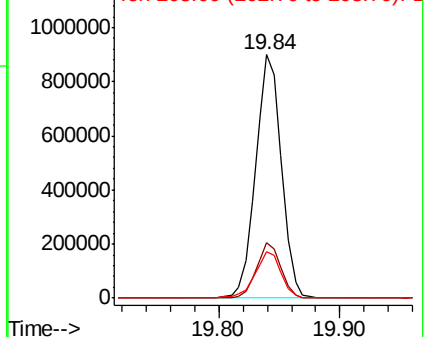


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.408 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

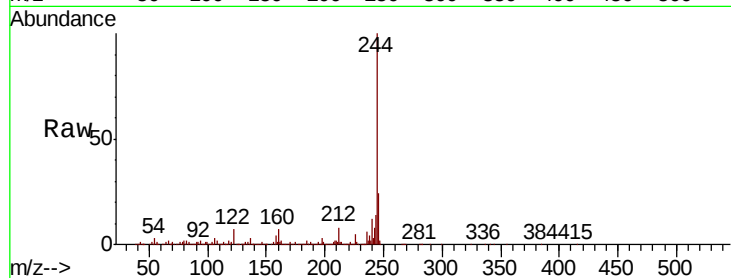
Tot Ion:244 Resp: 1729260

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

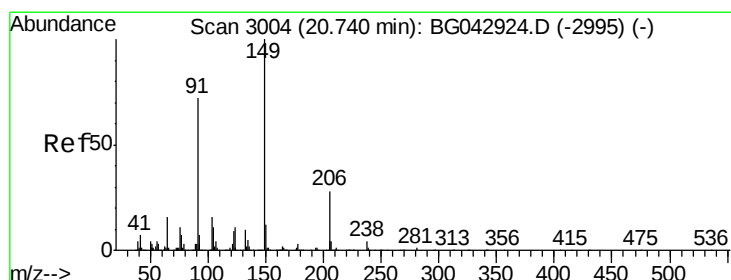
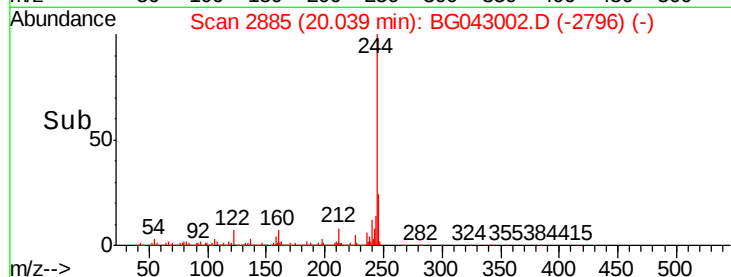
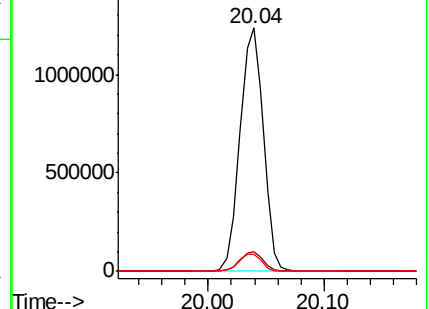
122 7.2 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.865 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

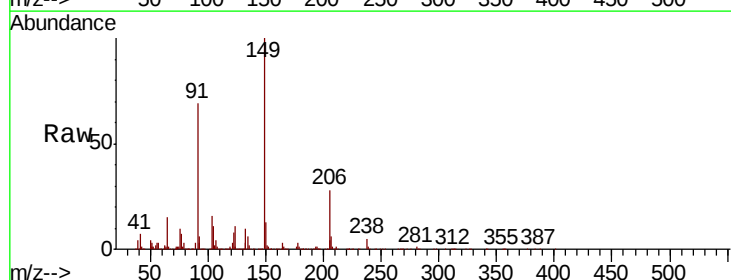
Tgt Ion:149 Resp: 508238

Ion Ratio Lower Upper

149 100

91 69.1 57.7 86.5

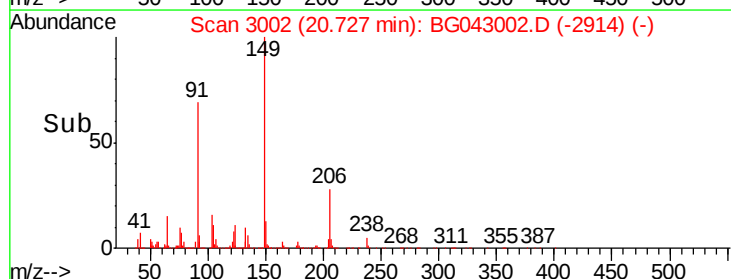
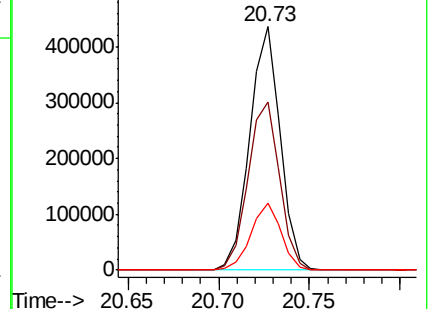
206 27.7 22.6 33.8

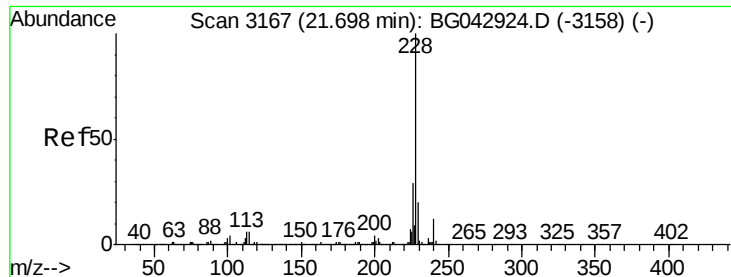


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.252 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

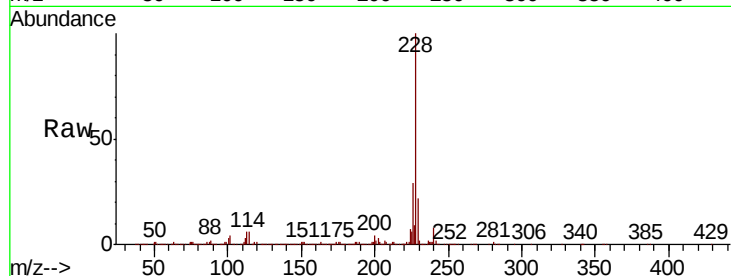
BNA_G

ClientSampleId :

PB123570BS

Tot Ion:228 Resp: 1377828

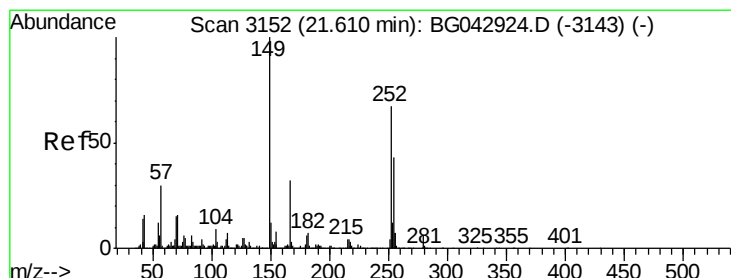
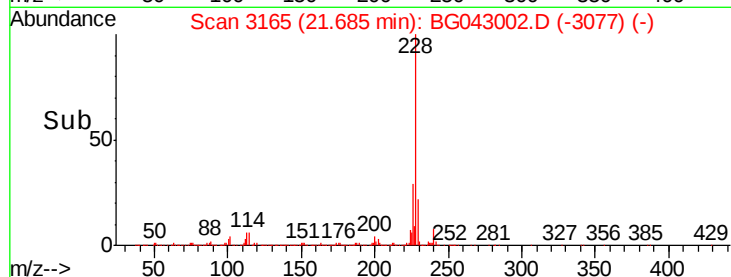
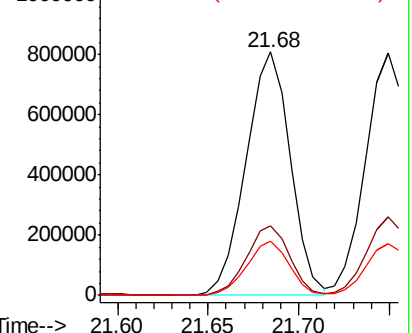
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	22.1	16.3	24.5



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: 39.077 ng

RT: 21.60 min Scan# 3150

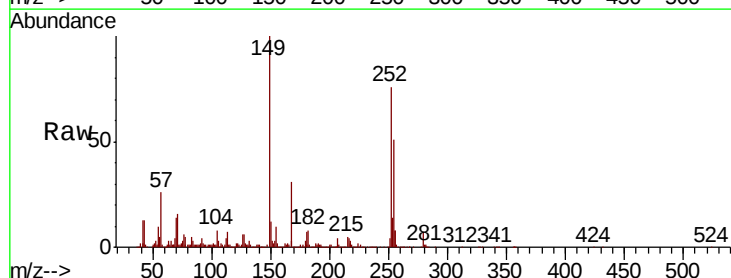
Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:252 Resp: 499789

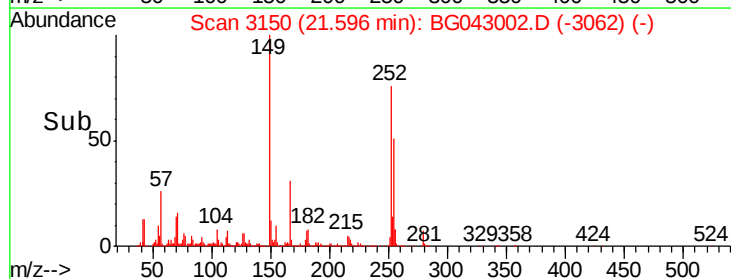
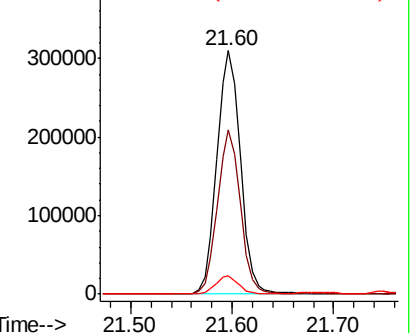
Ion	Ratio	Lower	Upper
252	100		
254	67.3	51.9	77.9
126	7.6	6.1	9.1

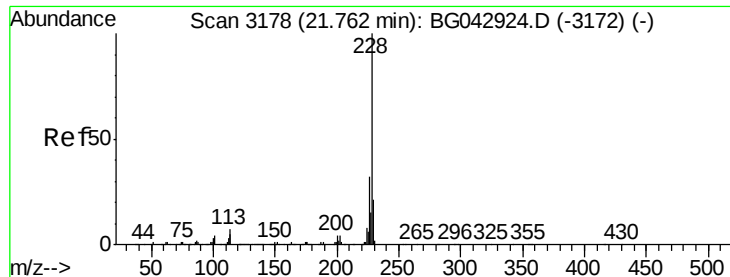


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.437 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

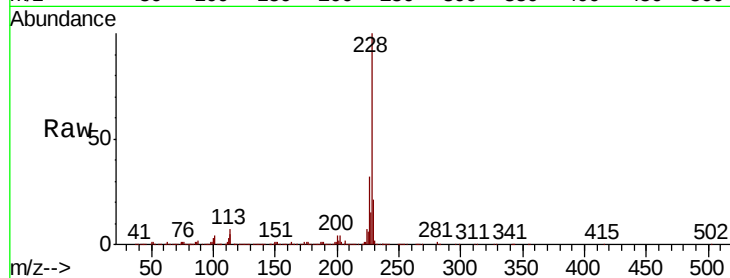
BNA_G

ClientSampleId :

PB123570BS

Tot Ion:228 Resp: 1342928

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.6	38.4
229	21.4	16.9	25.3

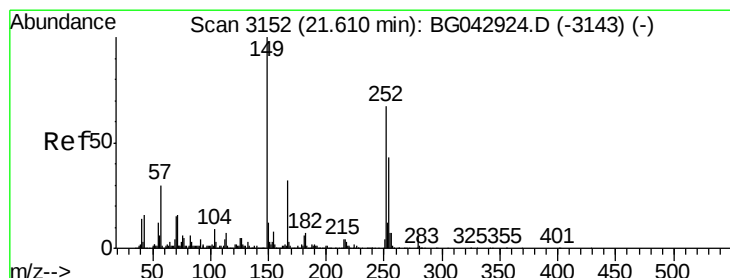
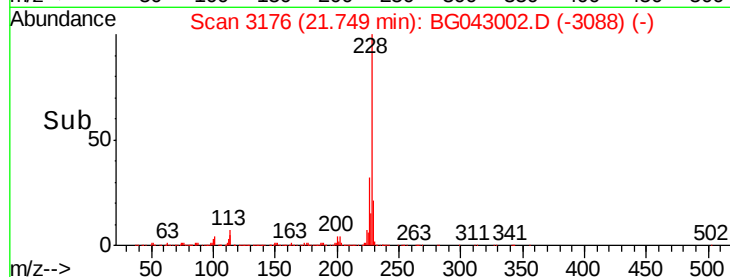
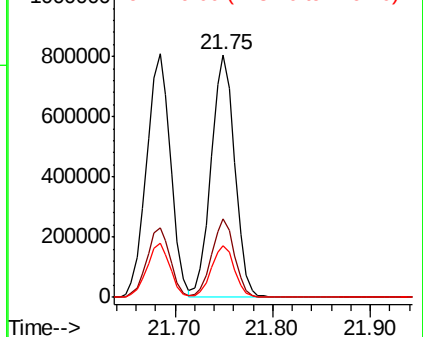


Abundance

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: 43.407 ng

RT: 21.59 min Scan# 3149

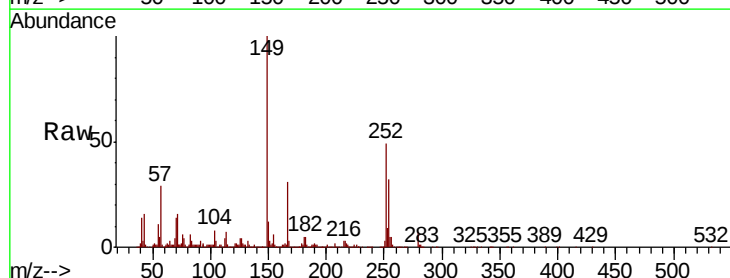
Delta R.T. -0.02 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Tgt Ion:149 Resp: 732339

Ion	Ratio	Lower	Upper
149	100		
167	30.7	25.4	38.2
279	6.5	5.1	7.7

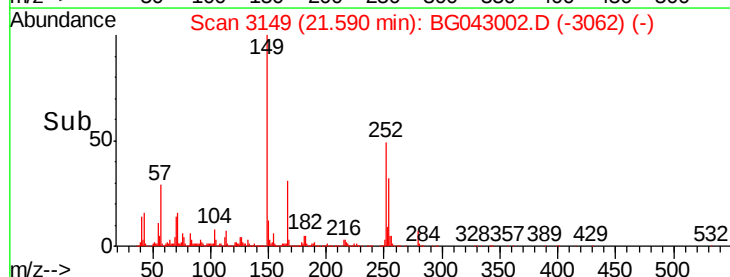
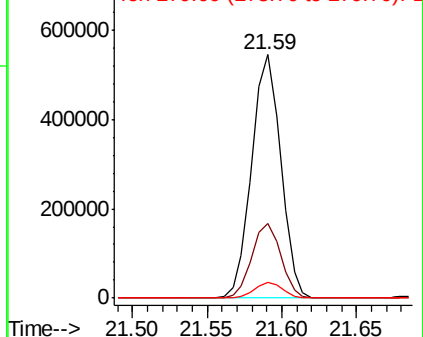


Abundance

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

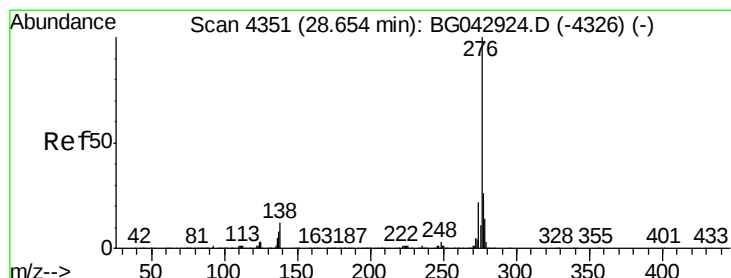
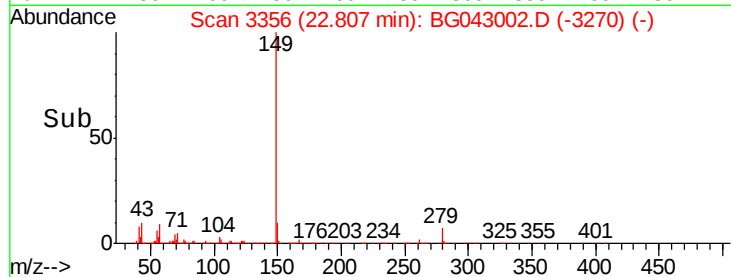
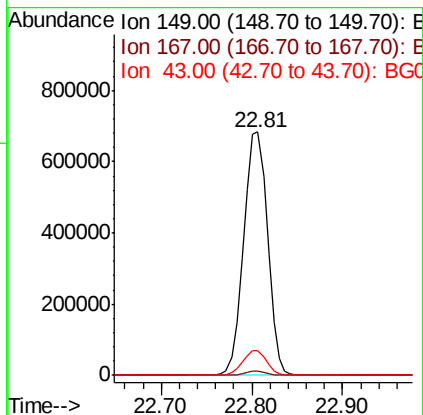
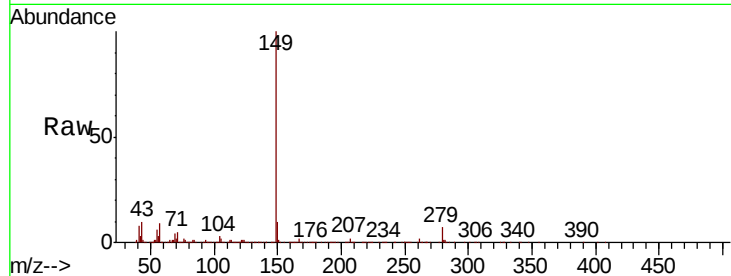




#85
Di-n-octyl phthalate
Concen: 45.300 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

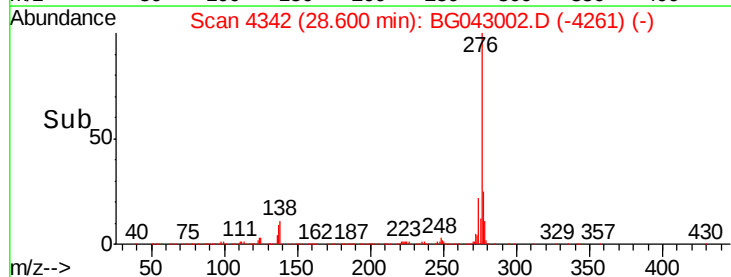
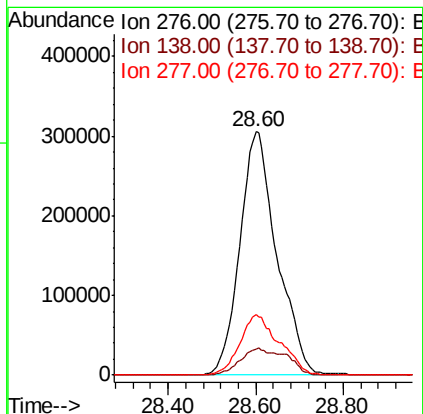
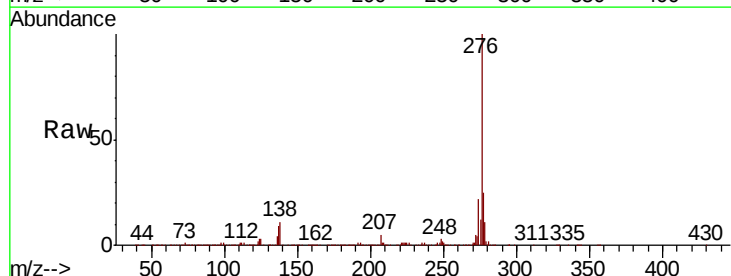
Instrument :
BNA_G
ClientSampleId :
PB123570BS

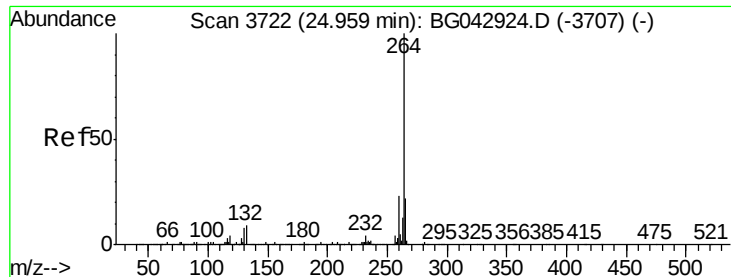
Tot Ion:149 Resp: 1249750
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.0 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.451 ng
RT: 28.60 min Scan# 4342
Delta R.T. -0.05 min
Lab File: BG043002.D
Acq: 3 Oct 2019 2:48

Tgt Ion:276 Resp: 1751165
Ion Ratio Lower Upper
276 100
138 9.7 7.0 10.6
277 26.4 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.04 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

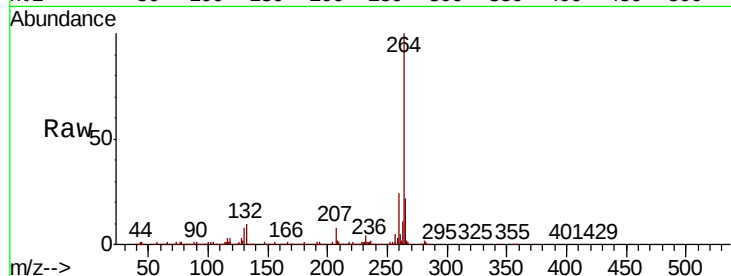
Tot Ion:264 Resp: 541848

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.8 17.7 26.5

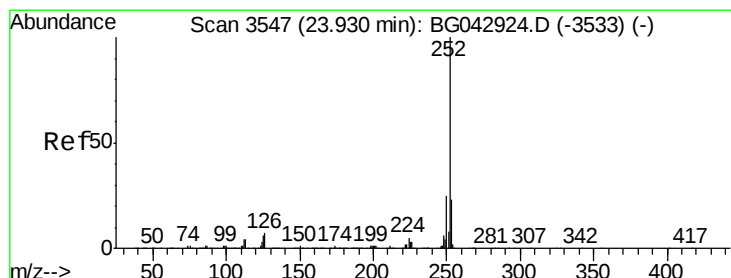
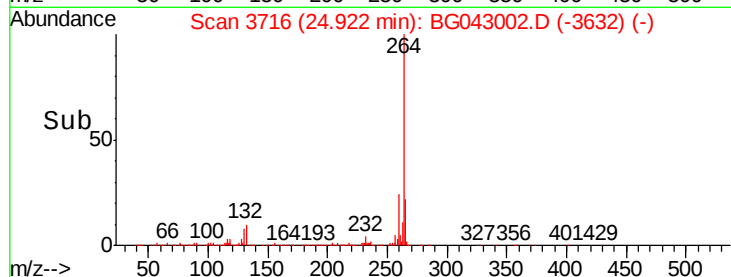
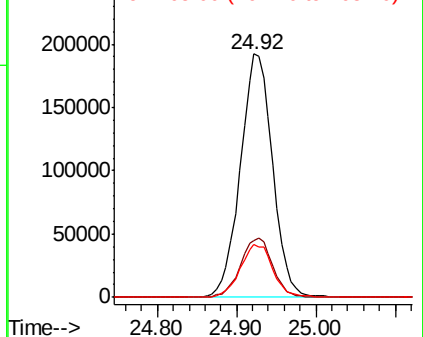


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.745 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.02 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

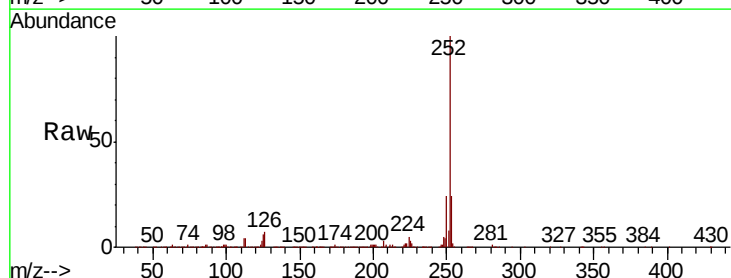
Tgt Ion:252 Resp: 1463818

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

125 5.7 4.6 7.0

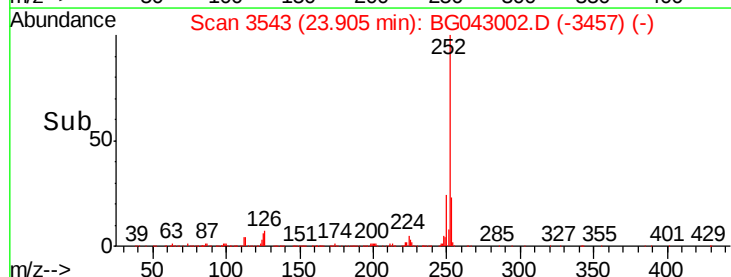
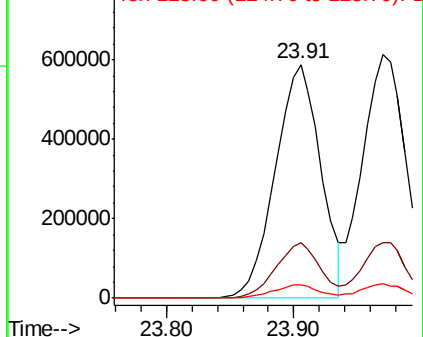


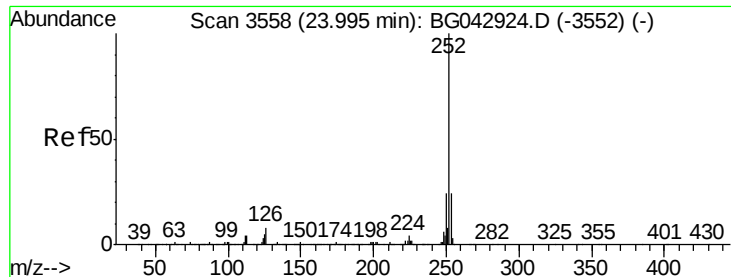
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.479 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.02 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

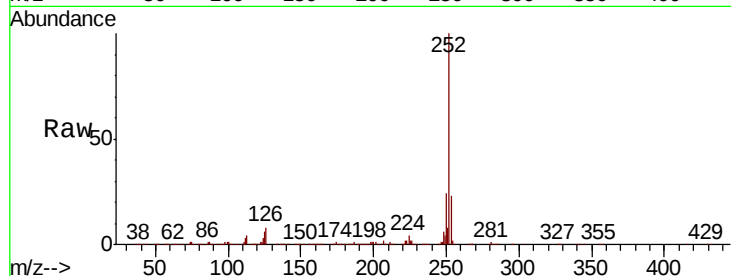
Tot Ion:252 Resp: 1470389

Ion Ratio Lower Upper

252 100

253 22.8 18.9 28.3

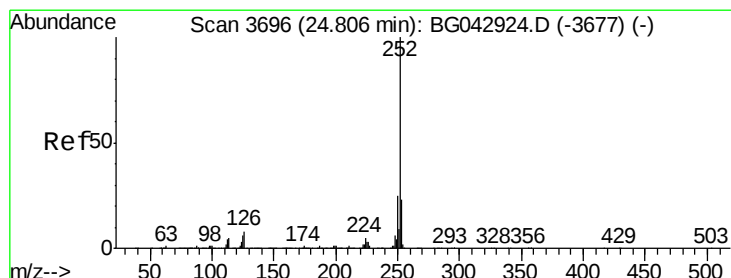
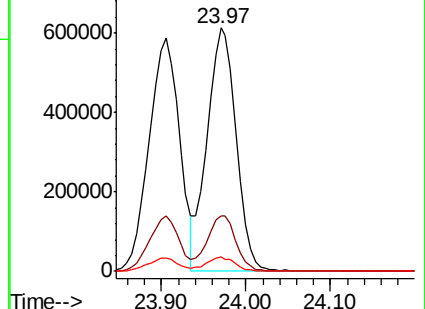
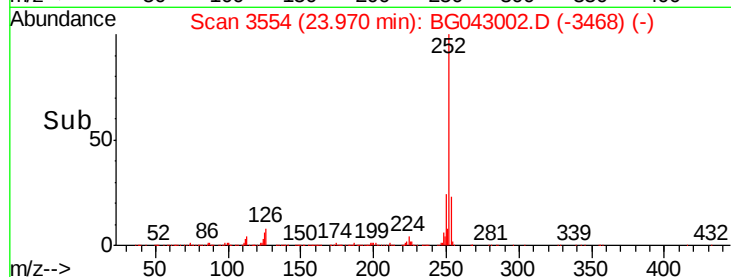
125 6.0 4.5 6.7



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: 50.037 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.03 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

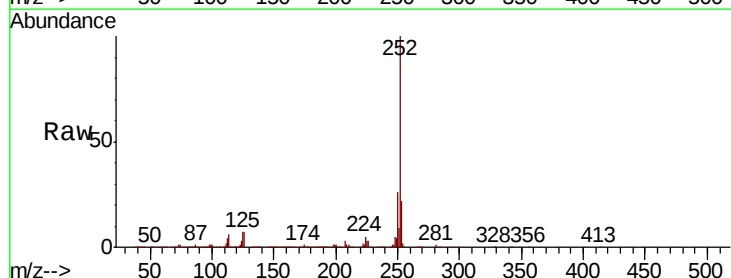
Tgt Ion:252 Resp: 1447358

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

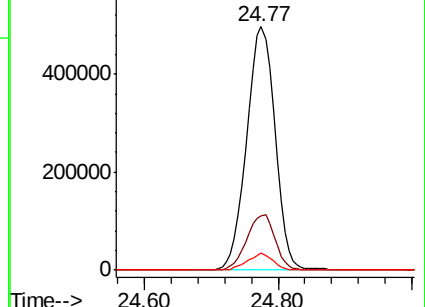
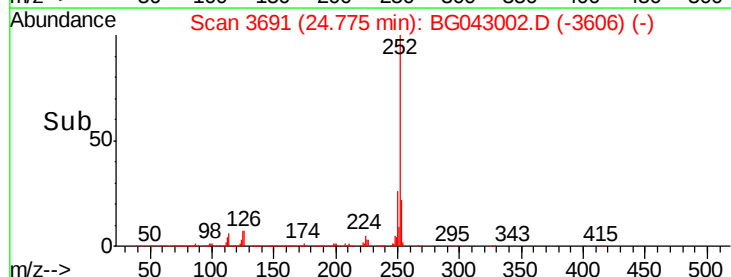
125 6.9 5.0 7.6

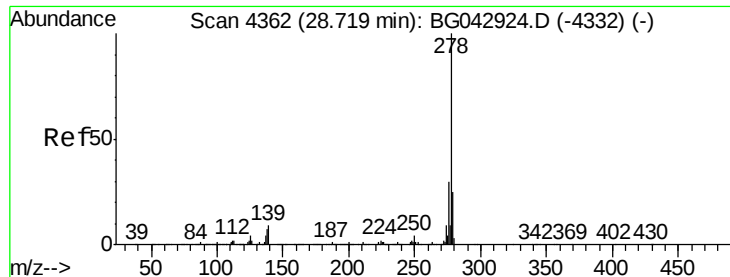


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.052 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.05 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

Instrument :

BNA_G

ClientSampleId :

PB123570BS

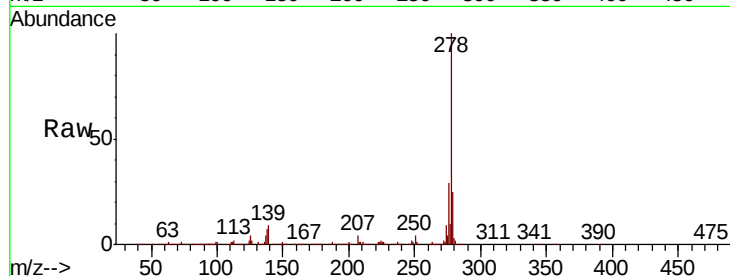
Tot Ion:278 Resp: 1484585

Ion Ratio Lower Upper

278 100

139 8.5 6.8 10.2

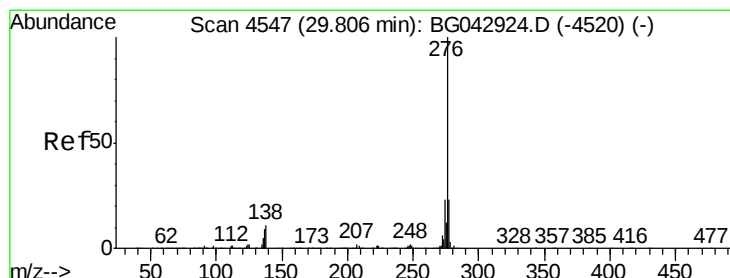
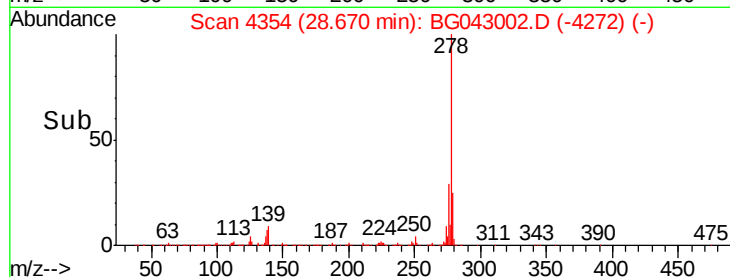
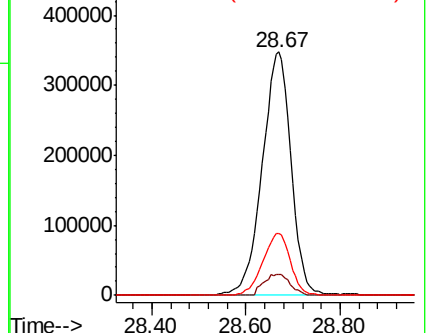
279 25.3 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.809 ng

RT: 29.76 min Scan# 4539

Delta R.T. -0.05 min

Lab File: BG043002.D

Acq: 3 Oct 2019 2:48

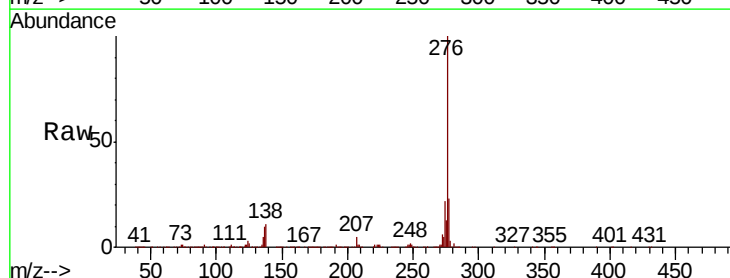
Tgt Ion:276 Resp: 1460196

Ion Ratio Lower Upper

276 100

277 23.1 18.4 27.6

138 11.2 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

