

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
 Data File : BG040484.D
 Acq On : 15 Apr 2019 17:39
 Operator : JU/SJ
 Sample : PB118896BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 15 23:22:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52719	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	219816	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	144207	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	396815	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	423916	20.00	ng	-0.03
87) Perylene-d12	24.98	264	415691	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	433818	136.80	ng	-0.02
7) Phenol-d6	7.21	99	589633	134.54	ng	-0.02
23) Nitrobenzene-d5	9.22	82	365801	88.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	246282	158.02	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	836085	85.91	ng	-0.02
79) Terphenyl-d14	20.03	244	1561868	82.89	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	52070	34.919	ng	# 94
3) Pyridine	3.89	79	126281	31.453	ng	93
4) n-Nitrosodimethylamine	3.82	42	69594	37.473	ng	# 91
6) Aniline	7.37	93	170477	29.939	ng	98
8) 2-Chlorophenol	7.61	128	149027	40.145	ng	98
9) Benzaldehyde	7.19	77	67349	22.403	ng	94
10) Phenol	7.23	94	197851	41.591	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	142716	37.457	ng	99
12) 1,3-Dichlorobenzene	7.93	146	153706	38.089	ng	100
13) 1,4-Dichlorobenzene	8.08	146	154578	38.460	ng	99
14) 1,2-Dichlorobenzene	8.40	146	149044	38.778	ng	99
15) Benzyl Alcohol	8.29	79	133119	37.715	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	279228	38.186	ng	99
17) 2-Methylphenol	8.49	107	135146	41.056	ng	98
18) Hexachloroethane	9.12	117	55547	36.333	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	114882	36.560	ng	99
20) 3+4-Methylphenols	8.82	107	185282	41.549	ng	96
22) Acetophenone	8.87	105	228448	41.663	ng	# 99
24) Nitrobenzene	9.26	77	174531	40.755	ng	99
25) Isophorone	9.77	82	334108	39.265	ng	98
26) 2-Nitrophenol	9.97	139	84714	41.748	ng	99
27) 2,4-Dimethylphenol	10.02	122	154523	47.941	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	198223	39.375	ng	99
29) 2,4-Dichlorophenol	10.51	162	155010	44.306	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	158428	41.240	ng	97
31) Naphthalene	10.91	128	470136	41.726	ng	98
32) Benzoic acid	10.18	122	51432	26.410	ng	96
33) 4-Chloroaniline	11.03	127	135159	28.123	ng	98
34) Hexachlorobutadiene	11.17	225	92085	37.481	ng	96
35) Caprolactam	11.81	113	61200	44.080	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	186177	46.289	ng	96
37) 2-Methylnaphthalene	12.51	142	354107	42.494	ng	99
38) 1-Methylnaphthalene	12.73	142	334054	41.341	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	181200	39.534	ng	99

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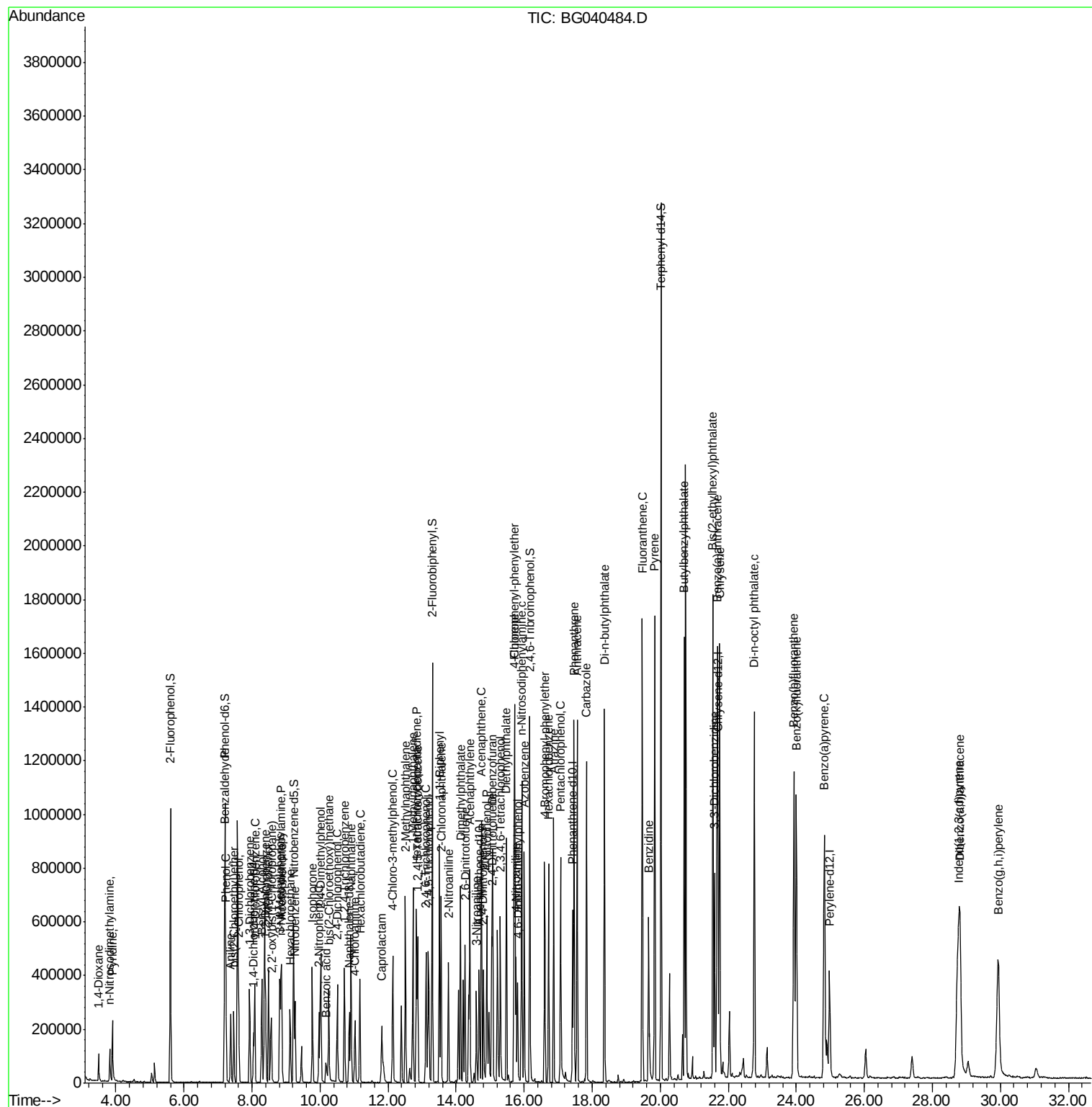
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	190321	75.626	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	126139	42.686	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	141183	43.833	ng	98
46) 1,1'-Biphenyl	13.51	154	463716	40.697	ng	99
47) 2-Chloronaphthalene	13.56	162	355973	40.729	ng	100
48) 2-Nitroaniline	13.77	65	133066	45.136	ng	97
49) Acenaphthylene	14.40	152	603369	40.717	ng	99
50) Dimethylphthalate	14.13	163	482453	42.747	ng	99
51) 2,6-Dinitrotoluene	14.26	165	112444	44.371	ng	99
52) Acenaphthene	14.74	154	354741	41.777	ng	99
53) 3-Nitroaniline	14.60	138	91178	33.990	ng	88
54) 2,4-Dinitrophenol	14.80	184	109802	81.472	ng	97
55) Dibenzofuran	15.07	168	596428	43.713	ng	99
56) 4-Nitrophenol	14.90	139	192763	89.036	ng	98
57) 2,4-Dinitrotoluene	15.05	165	165678	47.051	ng	99
58) Fluorene	15.73	166	469526	43.769	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	140034	47.910	ng	99
60) Diethylphthalate	15.48	149	511697	44.306	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	252413	44.020	ng	97
62) 4-Nitroaniline	15.76	138	139378	48.416	ng	99
63) Azobenzene	16.00	77	484824	44.505	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	88802	39.833	ng	99
66) n-Nitrosodiphenylamine	15.93	169	458300	39.468	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	171840	38.481	ng	96
68) Hexachlorobenzene	16.72	284	176988	39.419	ng	97
69) Atrazine	16.87	200	175005	40.515	ng	98
70) Pentachlorophenol	17.07	266	192474	74.148	ng	97
71) Phenanthrene	17.46	178	850166	40.761	ng	99
72) Anthracene	17.56	178	872849	41.810	ng	99
73) Carbazole	17.83	167	846998	42.870	ng	100
74) Di-n-butylphthalate	18.36	149	1004996	42.913	ng	99
75) Fluoranthene	19.47	202	1092674	44.242	ng	100
77) Benzidine	19.66	184	416300	27.195	ng	96
78) Pyrene	19.84	202	1083683	38.873	ng	99
80) Butylbenzylphthalate	20.70	149	497886	41.737	ng	99
81) Benzo(a)anthracene	21.68	228	1011055	38.722	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	294910	29.691	ng	100
83) Chrysene	21.75	228	1004281	40.020	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	710824	41.685	ng	99
85) Di-n-octyl phthalate	22.77	149	1214759	41.812	ng	100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1223277	39.857	ng	99
88) Benzo(b)fluoranthene	23.93	252	1088442	42.767	ng	99
89) Benzo(k)fluoranthene	24.00	252	1064012	45.462	ng	98
90) Benzo(a)pyrene	24.83	252	1062486	44.495	ng	98
91) Dibenzo(a,h)anthracene	28.80	278	997756	44.989	ng	98
92) Benzo(g,h,i)perylene	29.93	276	988185	43.356	ng	97

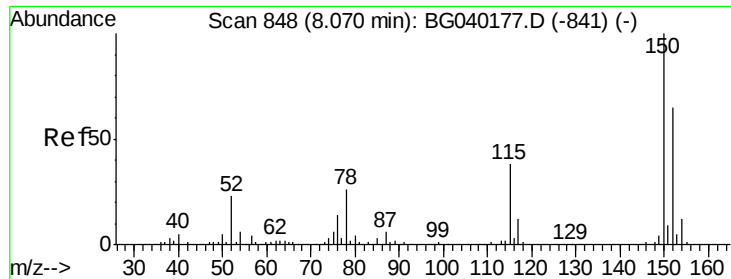
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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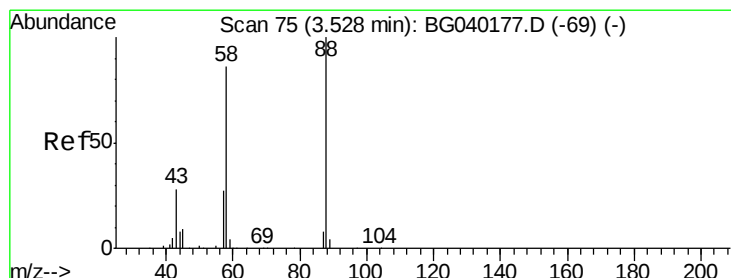
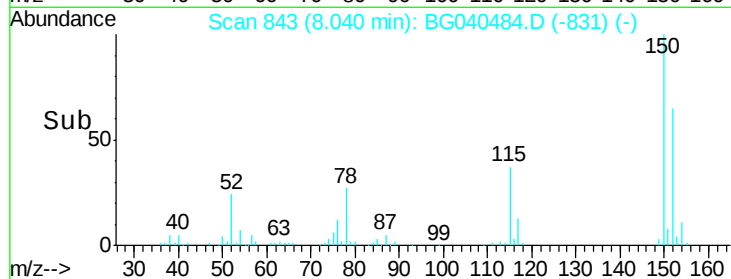
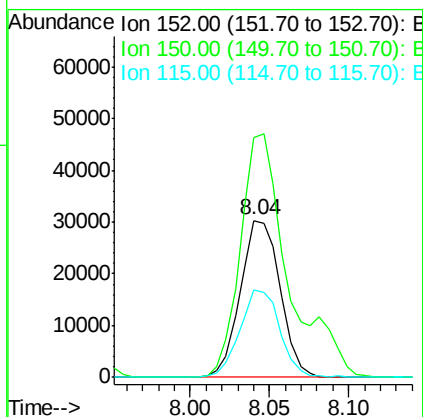
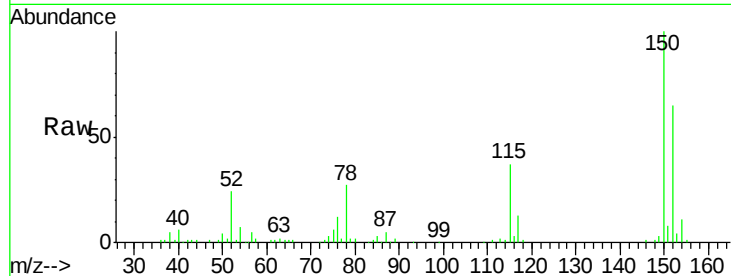


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Instrument :
BNA_G
ClientSampled :

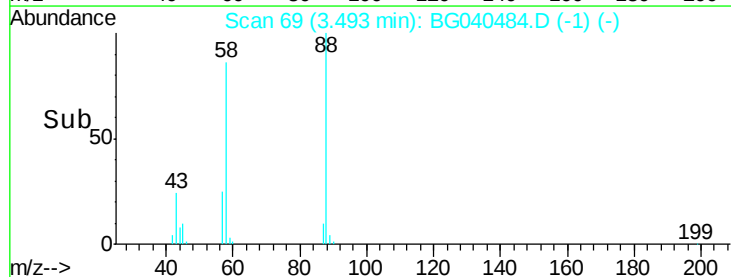
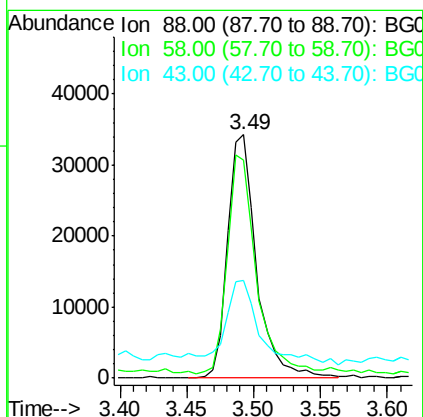
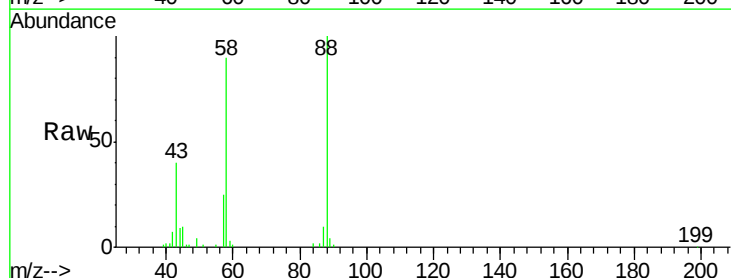
Tot Ion:152 Resp: 52719
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 55.8 46.9 70.3

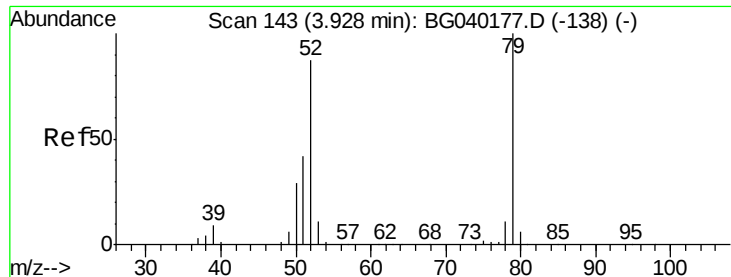


#2

1,4-Dioxane
Concen: 34.919 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.04 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion: 88 Resp: 52070
Ion Ratio Lower Upper
88 100
58 89.8 70.6 106.0
43 41.4 24.8 37.2





#3

Pvridine

Concen: 31.453 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

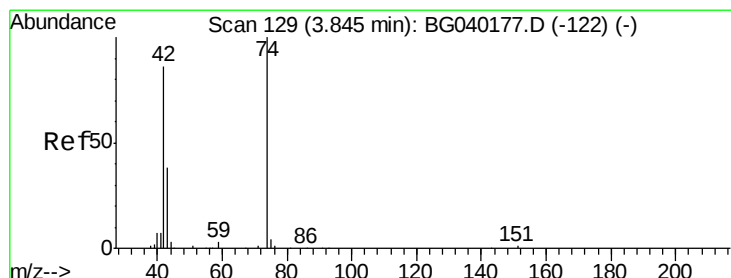
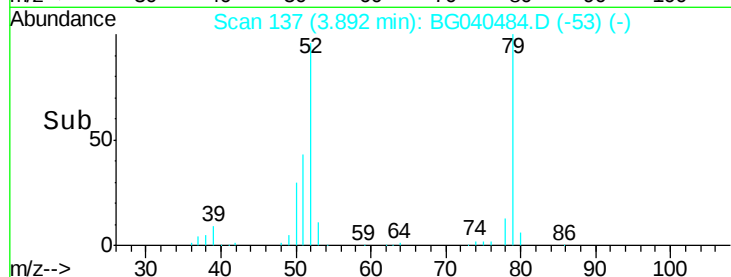
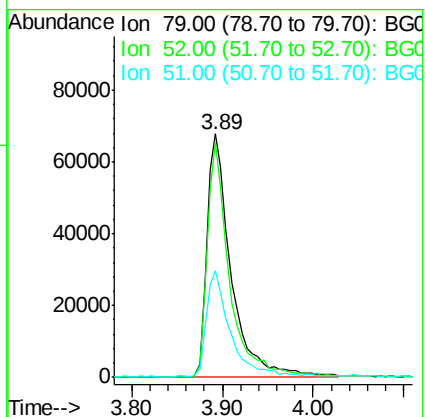
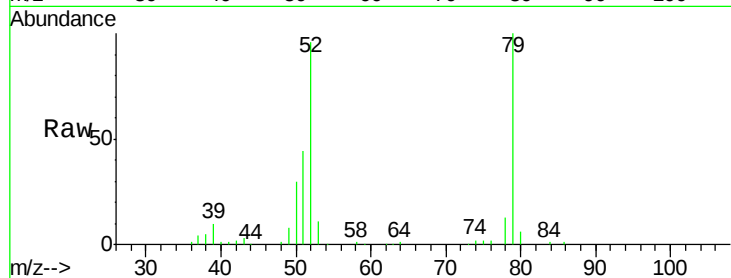
Tot Ion: 79 Resp: 126281

Ion Ratio Lower Upper

79 100

52 96.4 69.8 104.8

51 43.6 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.473 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

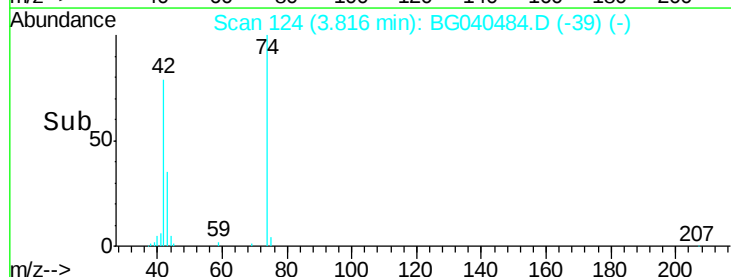
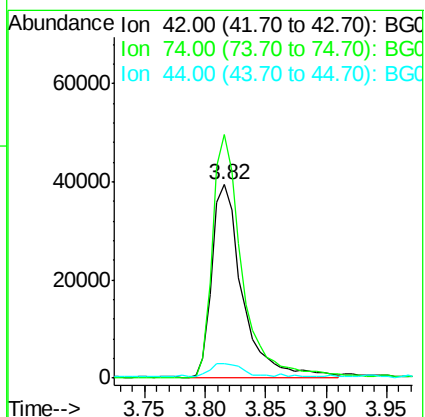
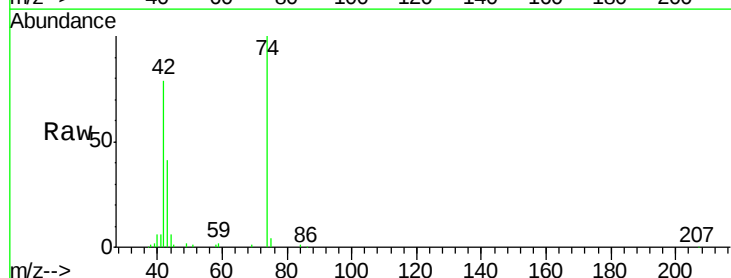
Tgt Ion: 42 Resp: 69594

Ion Ratio Lower Upper

42 100

74 125.8 92.9 139.3

44 7.4 9.7 14.5#





#5

2-Fluorophenol

Concen: 136.798 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

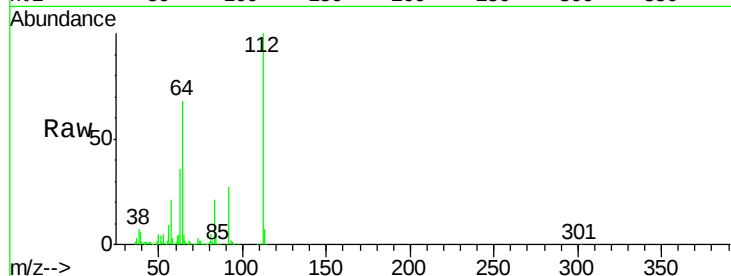
Tot Ion:112 Resp: 433818

Ion Ratio Lower Upper

112 100

64 68.2 54.2 81.2

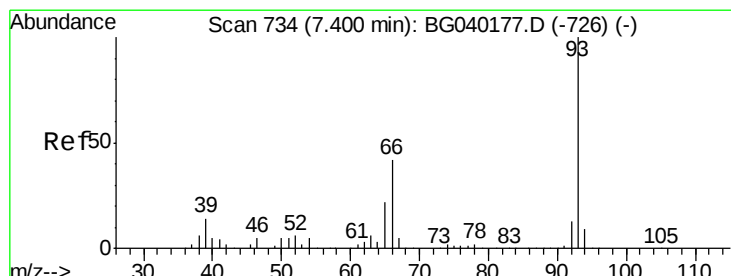
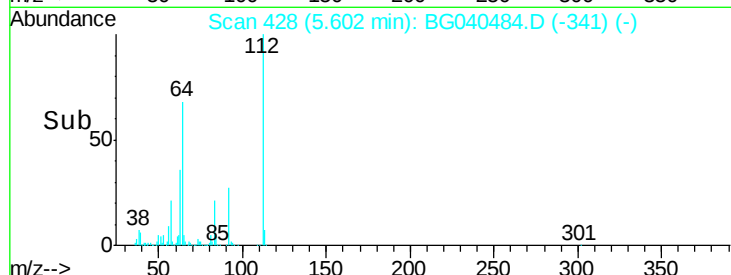
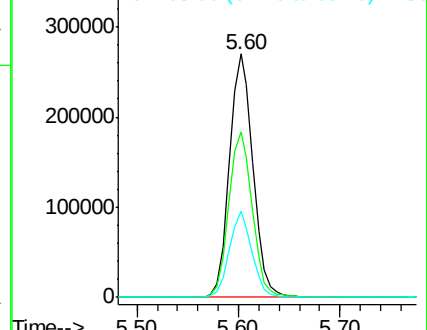
63 35.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.939 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

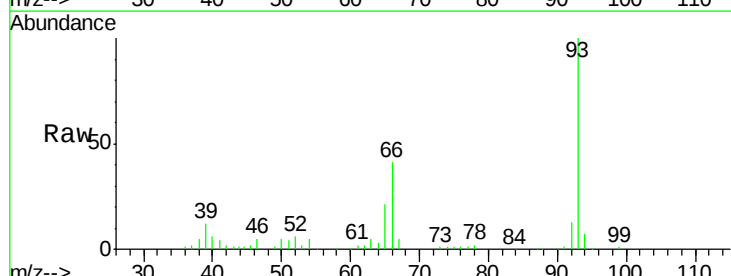
Tgt Ion: 93 Resp: 170477

Ion Ratio Lower Upper

93 100

66 40.9 33.6 50.4

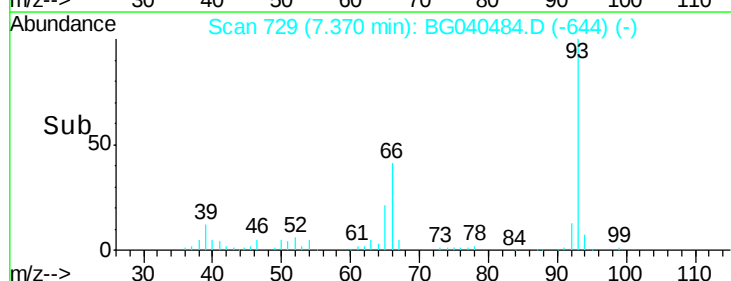
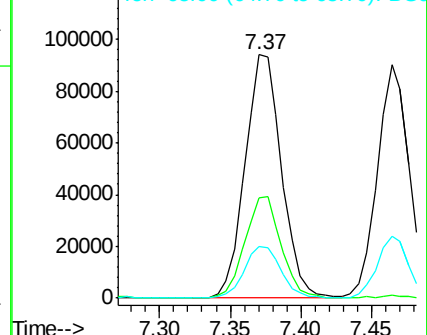
65 21.1 17.4 26.2

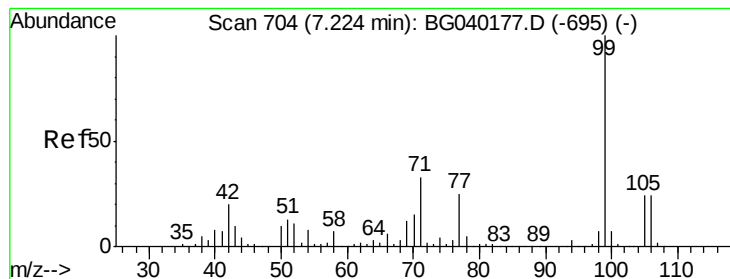


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.537 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

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ClientSampled :

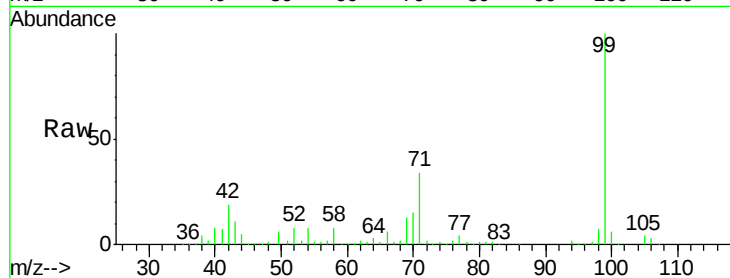
Tot Ion: 99 Resp: 589633

Ion Ratio Lower Upper

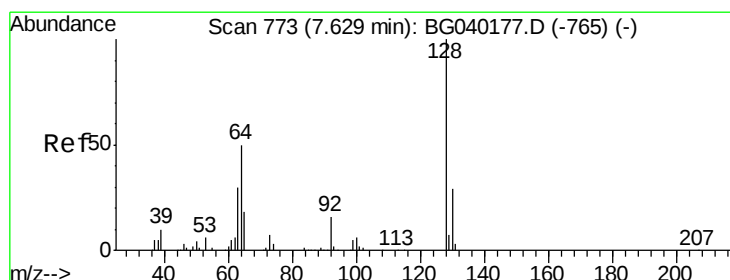
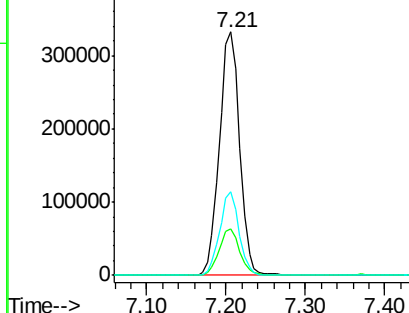
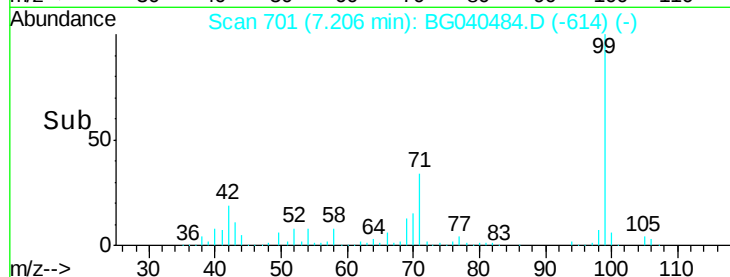
99 100

42 19.2 16.2 24.2

71 34.5 26.8 40.2



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: 40.145 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

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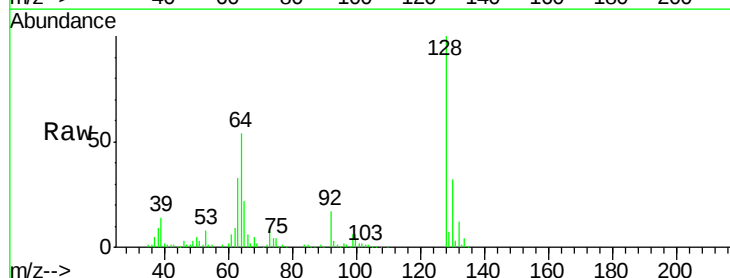
Tgt Ion: 128 Resp: 149027

Ion Ratio Lower Upper

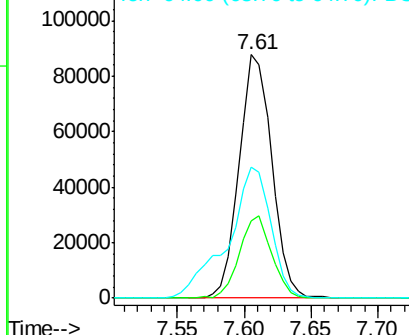
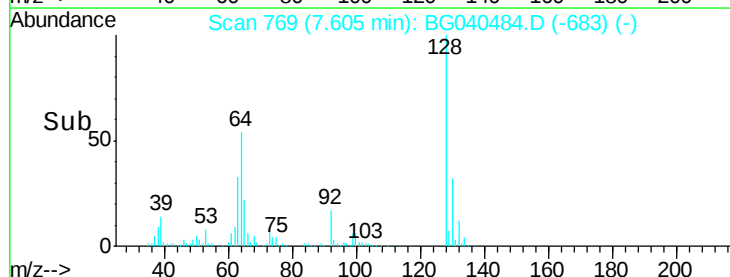
128 100

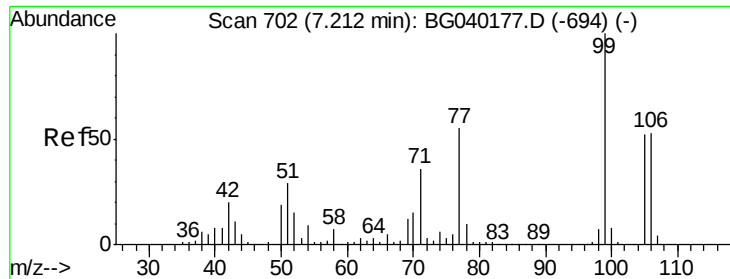
130 31.6 9.1 49.1

64 53.8 33.1 73.1



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

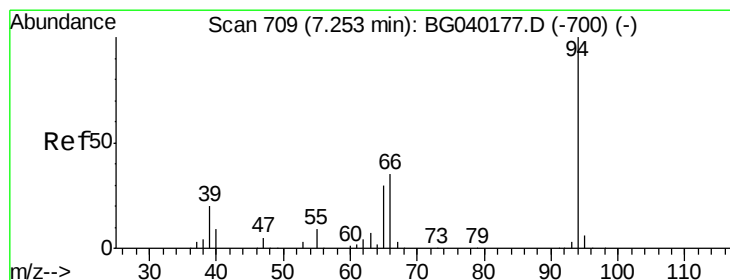
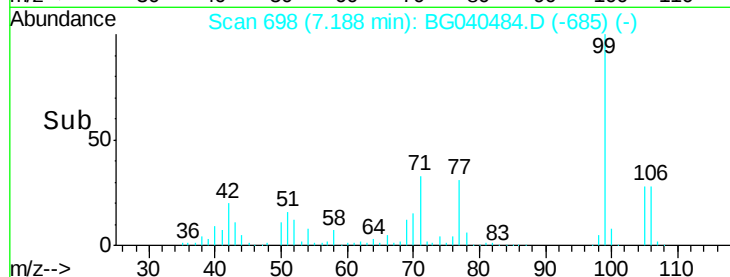
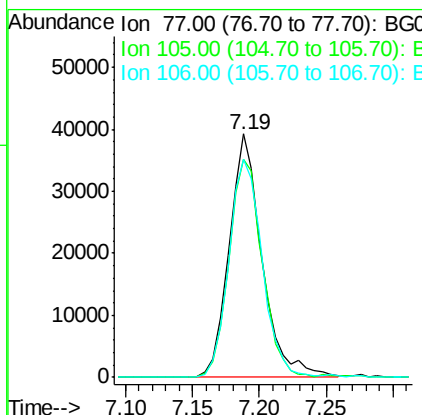
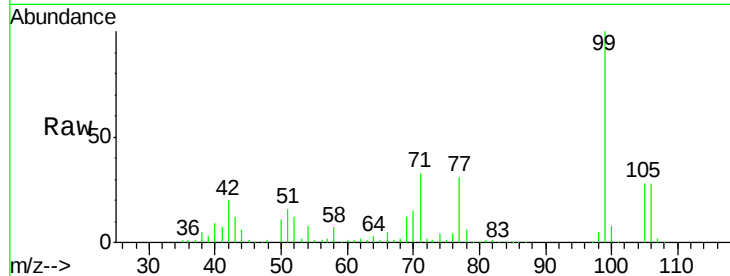




#9
Benzaldehyde
Concen: 22.403 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

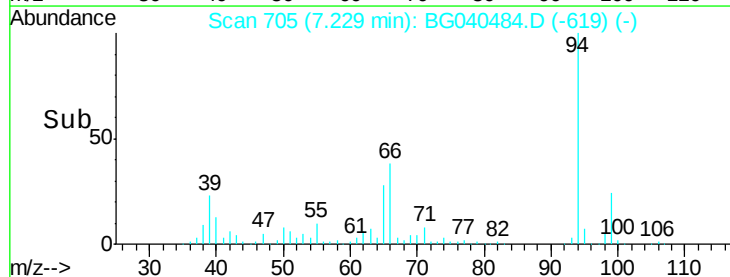
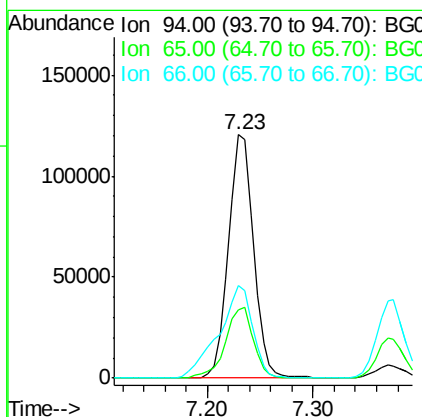
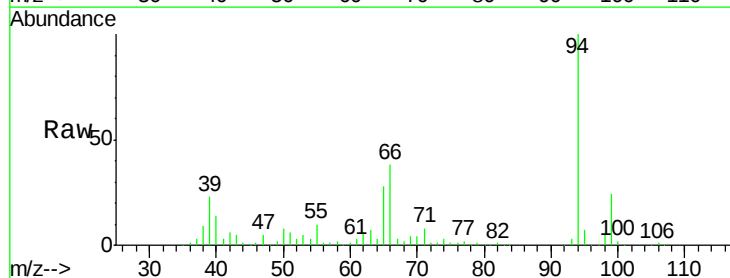
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ClientSampleId :

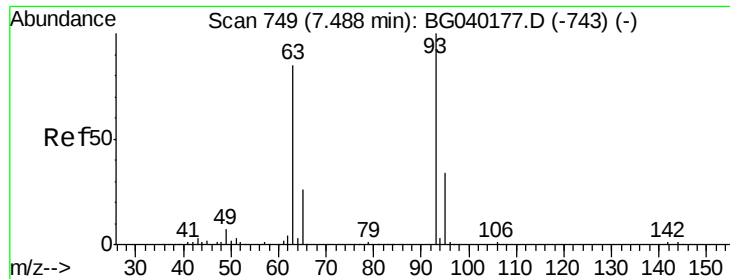
Tot Ion: 77 Resp: 67349
Ion Ratio Lower Upper
77 100
105 89.7 75.0 115.0
106 89.8 75.7 115.7



#10
Phenol
Concen: 41.591 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion: 94 Resp: 197851
Ion Ratio Lower Upper
94 100
65 28.0 10.5 50.5
66 38.1 16.9 56.9

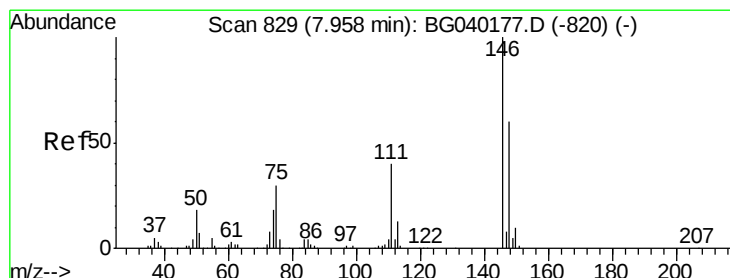
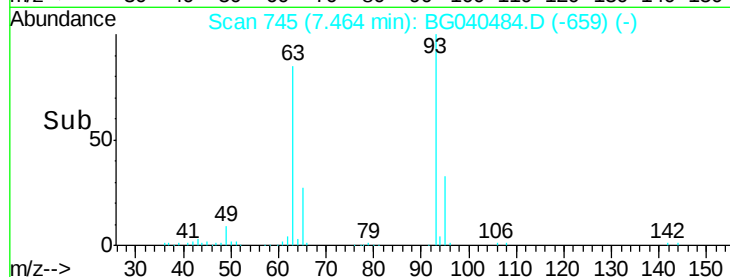
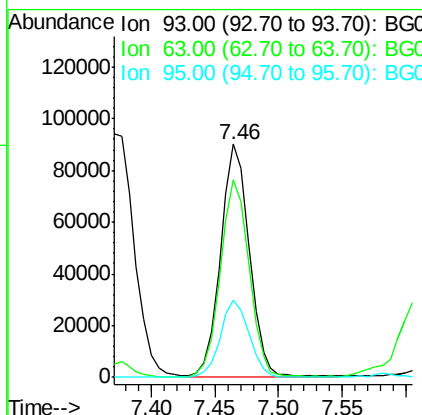
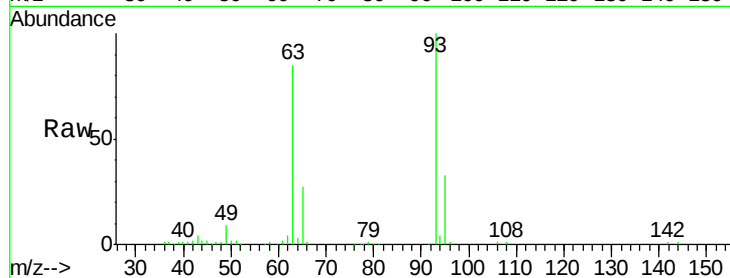




#11
 bis(2-Chloroethyl)ether
 Concen: 37.457 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

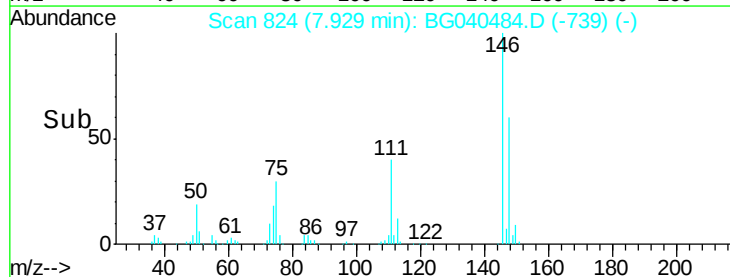
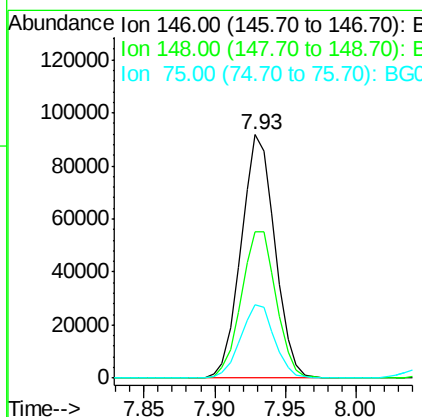
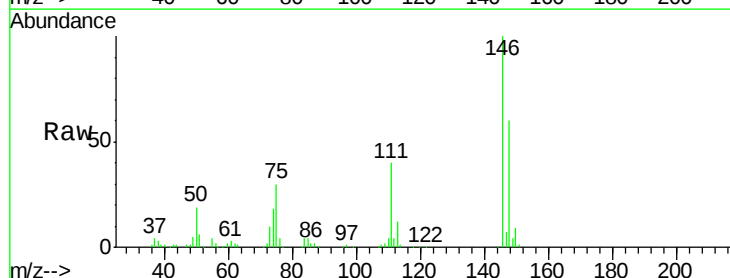
Instrument :
 BNA_G
 ClientSampleId :

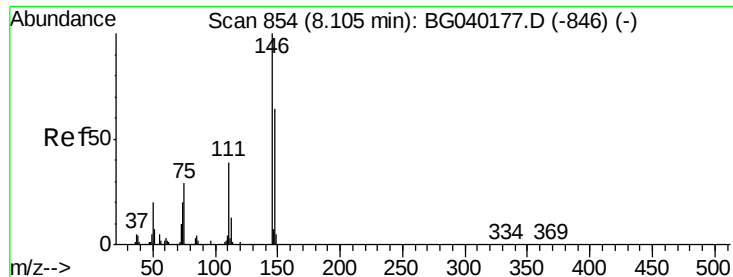
Tot Ion: 93 Resp: 142716
 Ion Ratio Lower Upper
 93 100
 63 85.0 64.2 104.2
 95 33.2 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 38.089 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion: 146 Resp: 153706
 Ion Ratio Lower Upper
 146 100
 148 60.3 48.2 72.2
 75 30.3 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 38.460 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

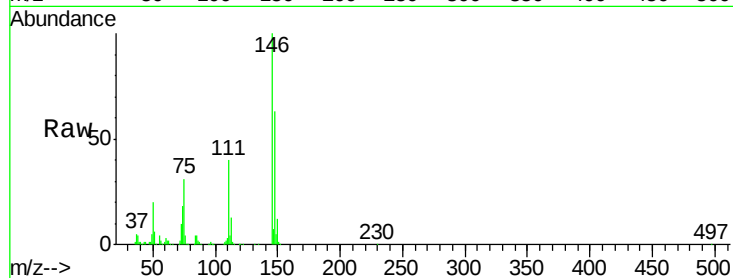
Tot Ion:146 Resp: 154578

Ion Ratio Lower Upper

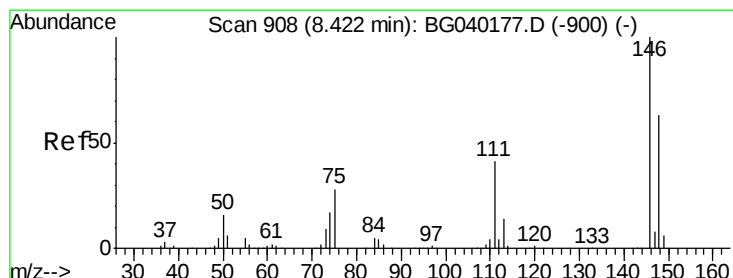
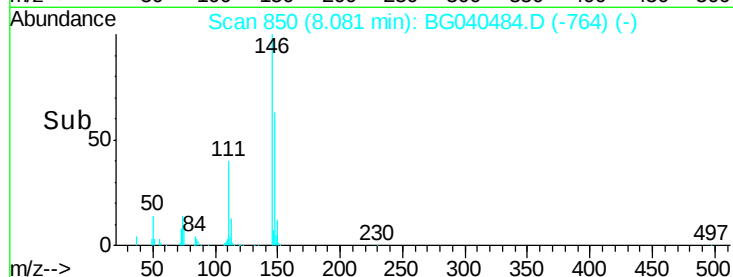
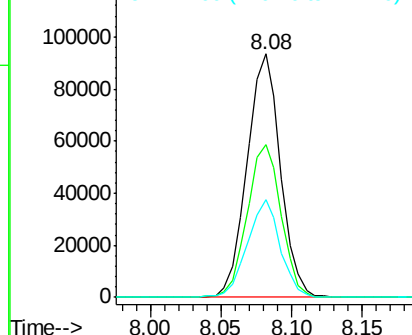
146 100

148 62.7 51.0 76.4

111 40.1 31.8 47.6



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: 38.778 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

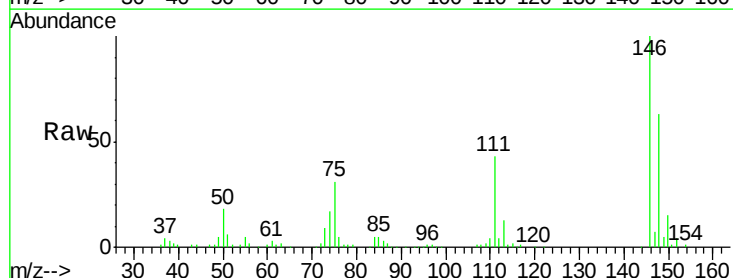
Tgt Ion:146 Resp: 149044

Ion Ratio Lower Upper

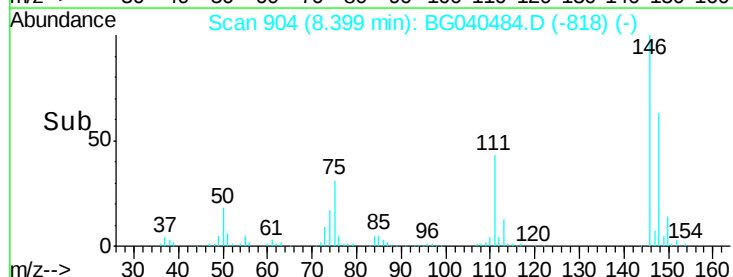
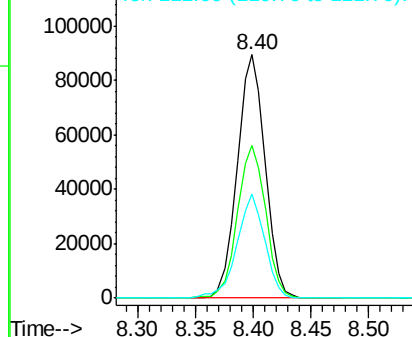
146 100

148 62.9 50.8 76.2

111 42.8 33.4 50.0



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

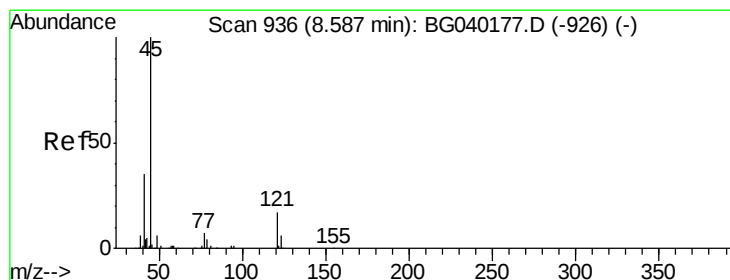
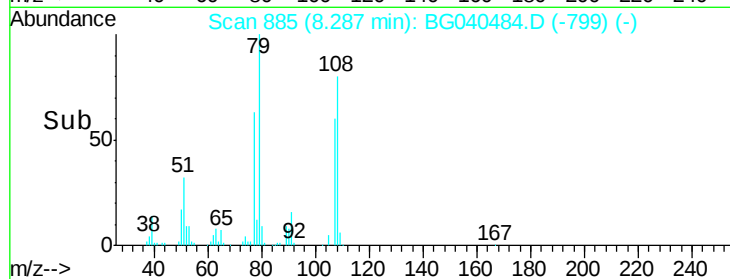
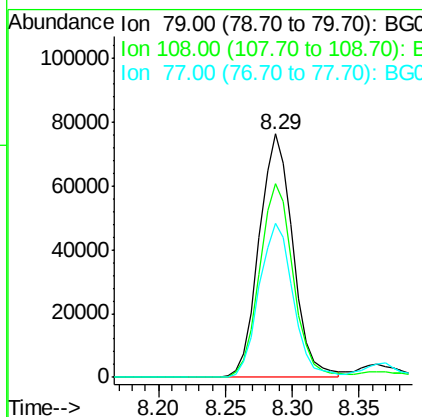
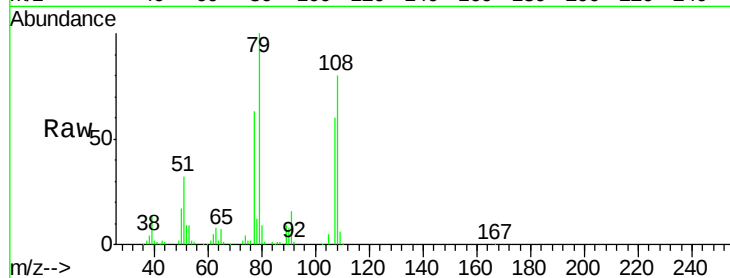




#15
Benzyl Alcohol
Concen: 37.715 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

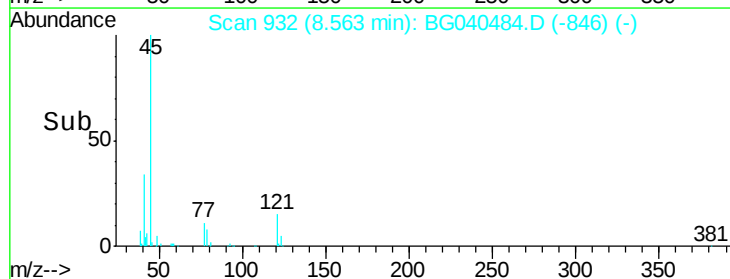
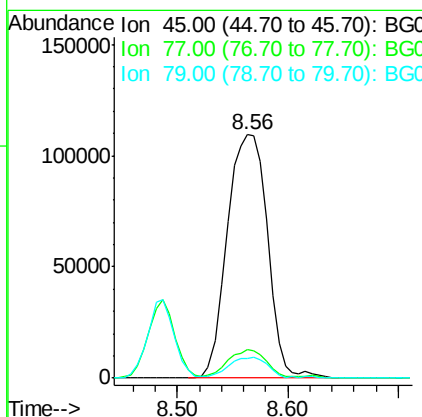
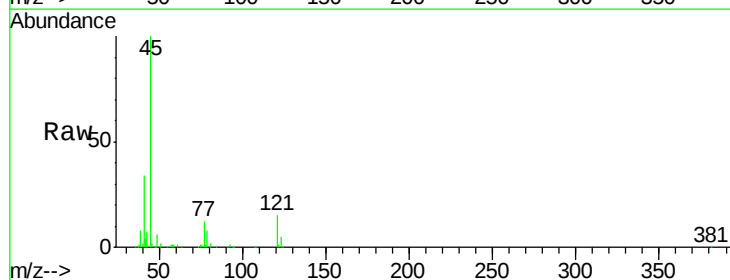
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.8	62.1	93.1
77	63.2	51.9	77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.186 ng
RT: 8.56 min Scan# 932
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.4
79	7.9	0.0	28.3

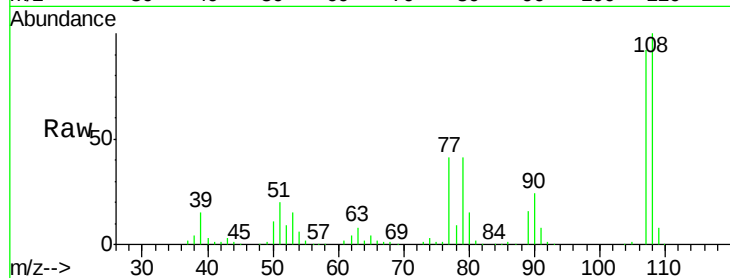




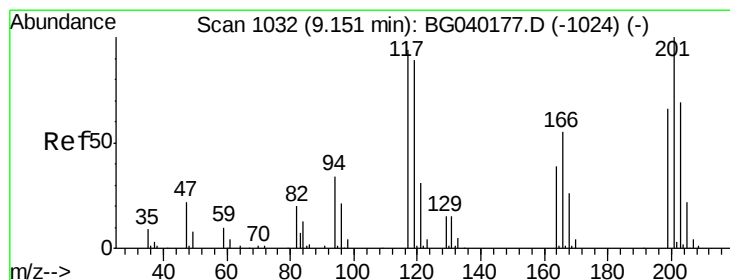
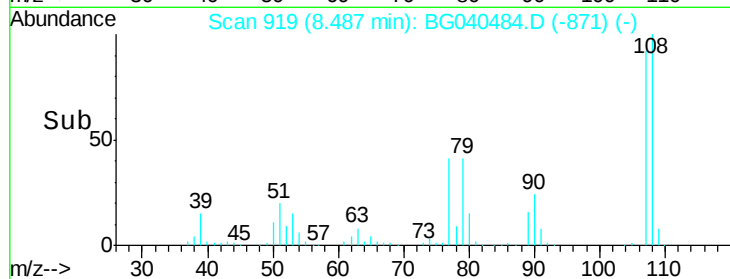
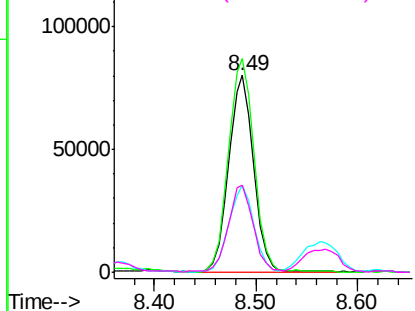
#17
2-Methylphenol
Concen: 41.056 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.5	88.2	132.4
77	44.0	36.6	55.0
79	44.1	36.5	54.7

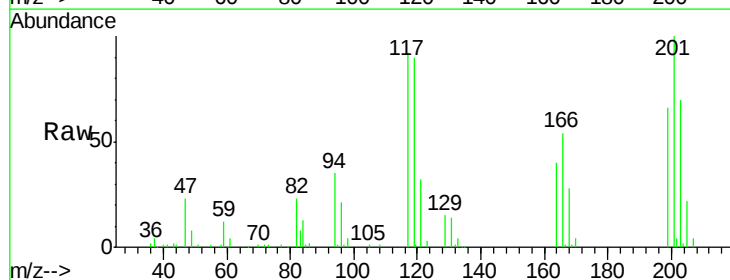


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

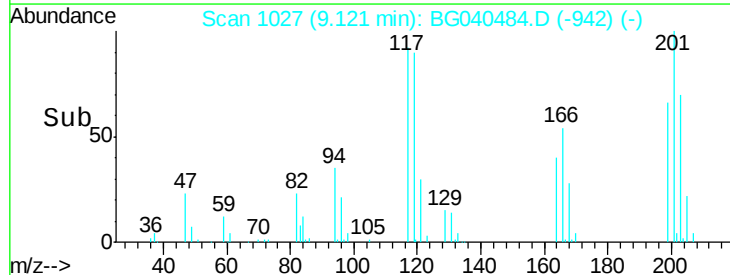
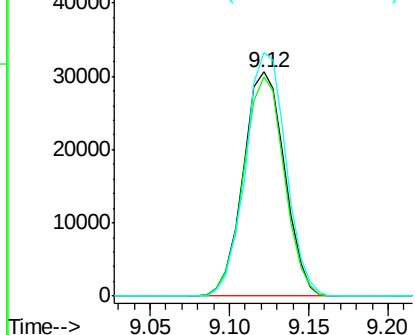


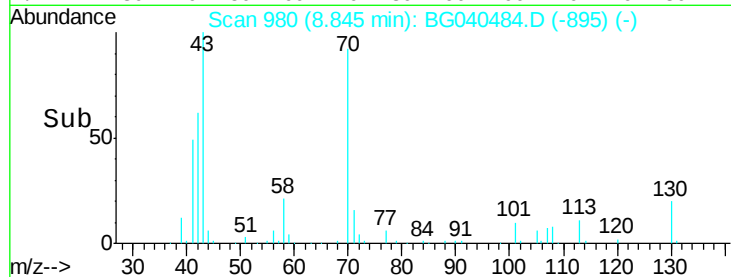
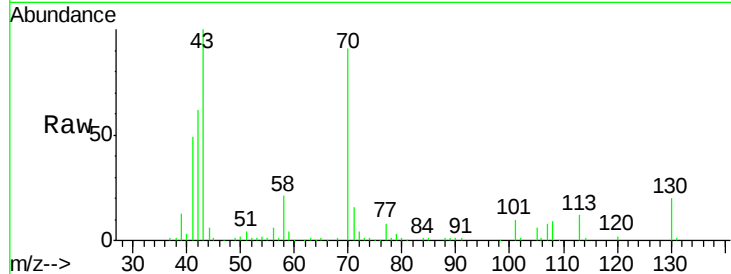
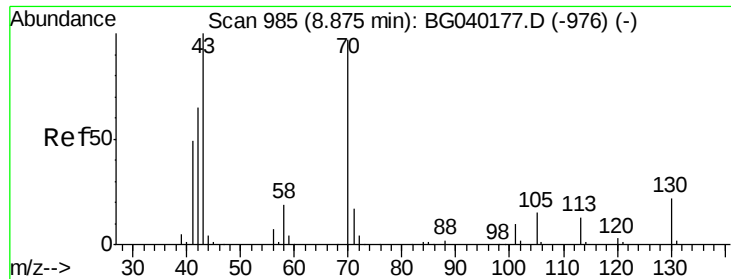
#18
Hexachloroethane
Concen: 36.333 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.6	115.0
201	108.6	85.0	127.4



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

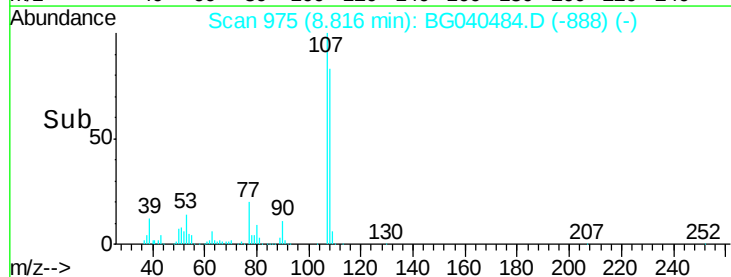
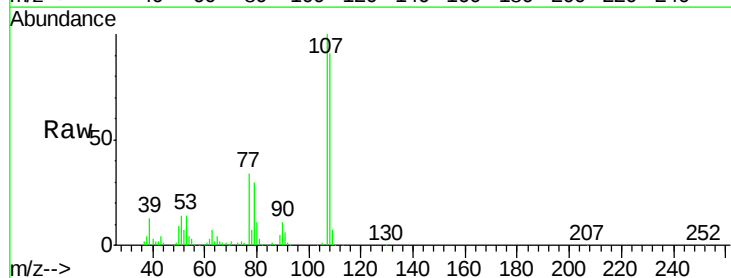
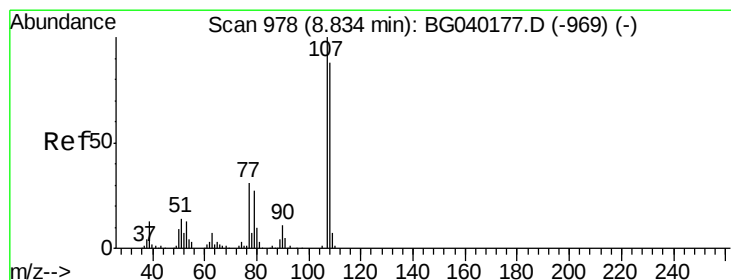
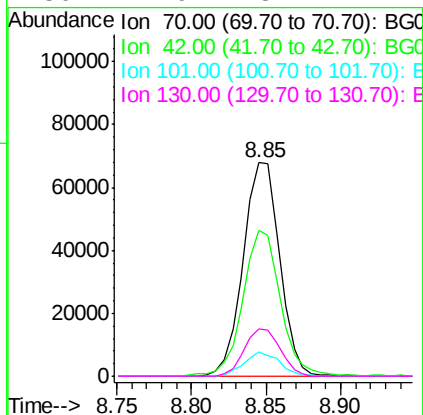




#19
n-Nitroso-di-n-propylamine
Concen: 36.560 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

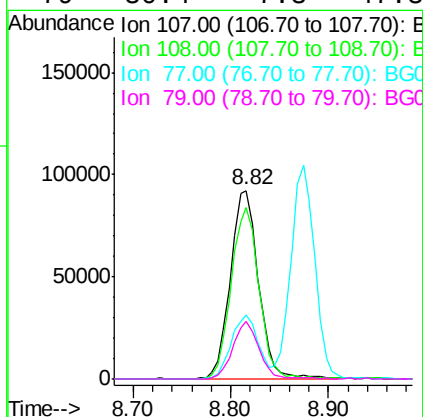
Instrument :
BNA_G
ClientSampled :

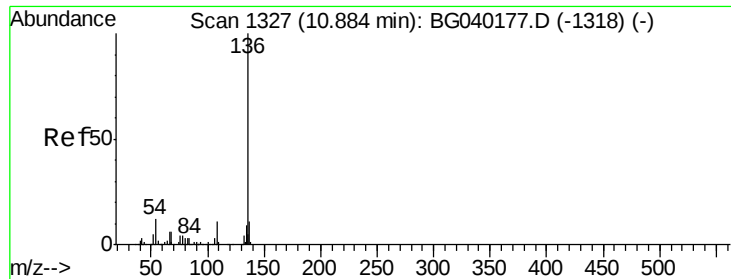
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.6	54.0	81.0	
101	11.3	8.6	13.0	
130	21.9	18.2	27.2	



#20
3+4-Methylphenols
Concen: 41.549 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	68.3	108.3	
77	34.2	11.3	51.3	
79	30.4	7.3	47.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 219816

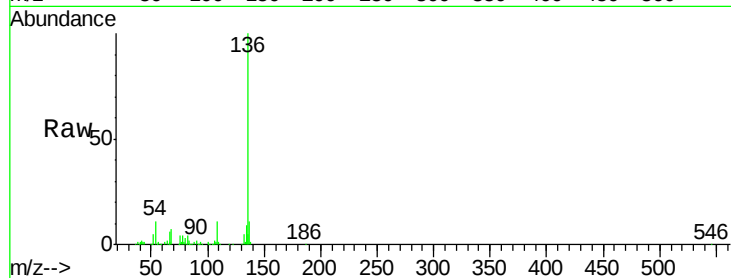
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.8 9.6 14.4

68 6.9 5.1 7.7

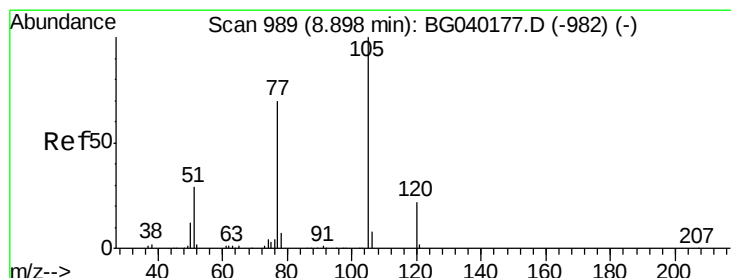
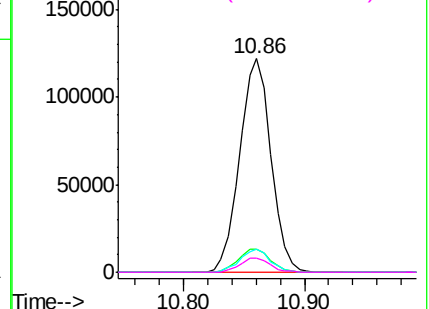
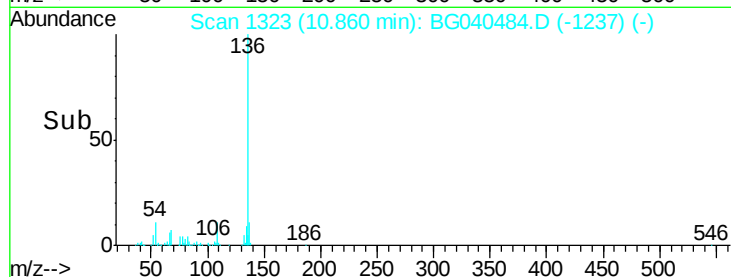


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.663 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Tgt Ion:105 Resp: 228448

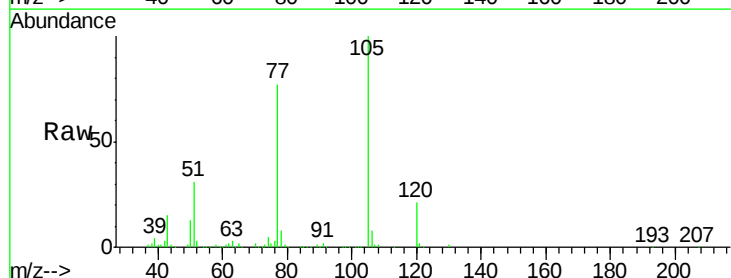
Ion Ratio Lower Upper

105 100

71 0.4 0.6 1.0#

51 31.1 25.1 37.7

120 21.3 17.6 26.4

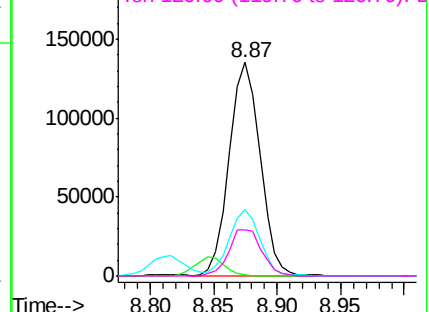
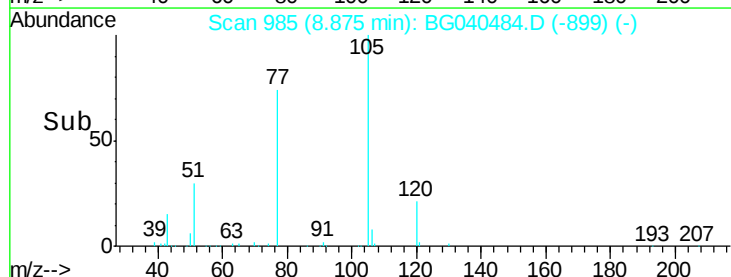


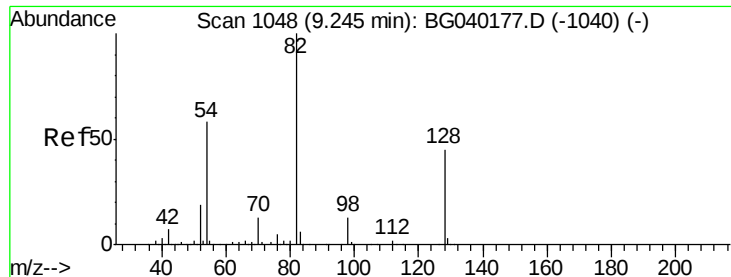
Abundance Ion 105.00 (104.70 to 105.70): E

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

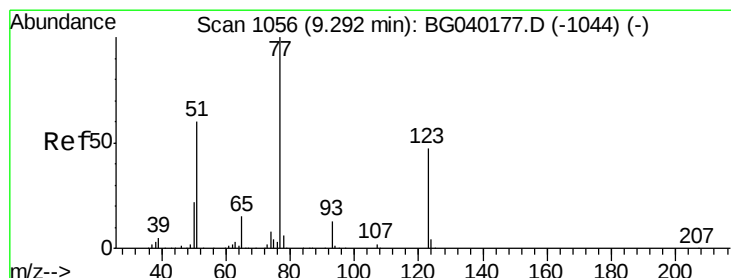
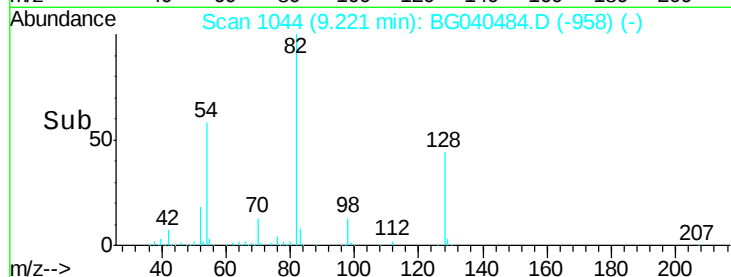
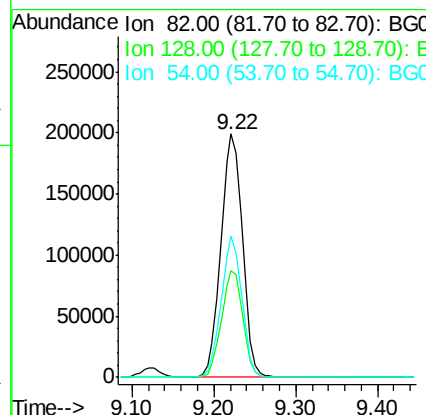
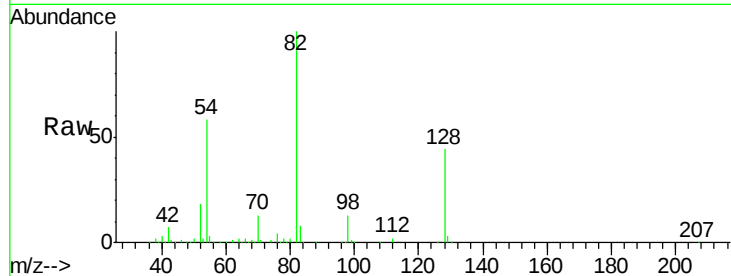




#23
 Nitrobenzene-d5
 Concen: 88.454 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

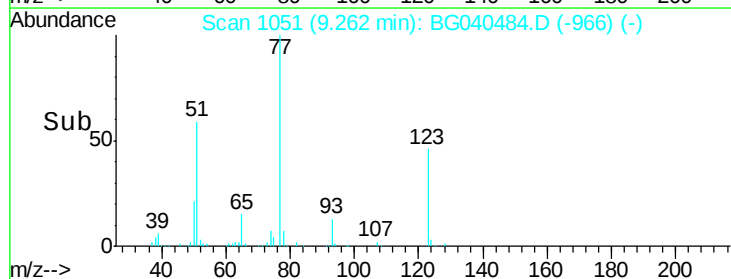
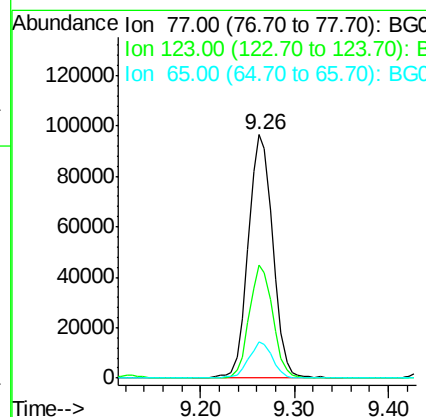
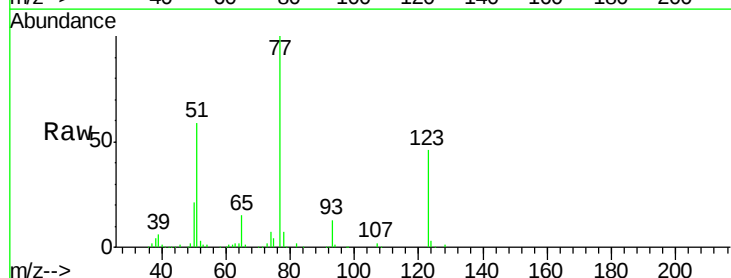
Instrument :
 BNA_G
 ClientSampleId :

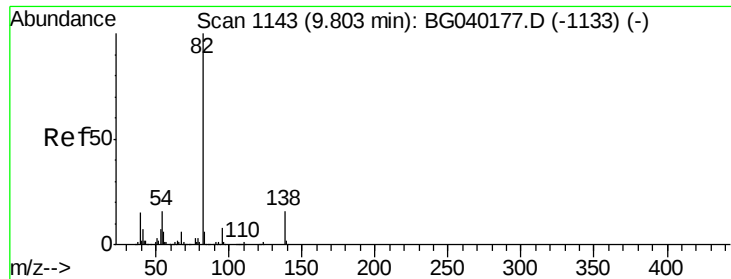
Tot Ion	82	Resp	365801
Ion Ratio	100	Lower	Upper
128	43.7	35.8	53.8
54	58.1	46.2	69.2



#24
 Nitrobenzene
 Concen: 40.755 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion	77	Resp	174531
Ion Ratio	100	Lower	Upper
123	46.5	37.8	56.6
65	14.9	12.0	18.0





#25

Isophorone

Concen: 39.265 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

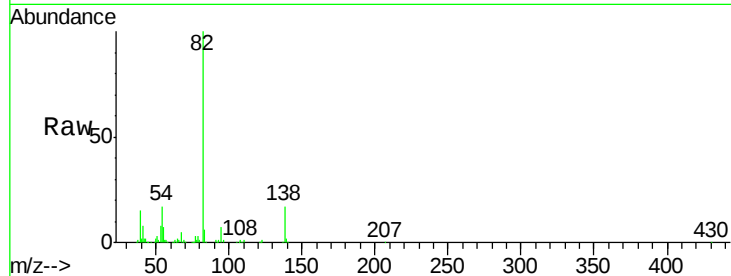
Tot Ion: 82 Resp: 334108

Ion Ratio Lower Upper

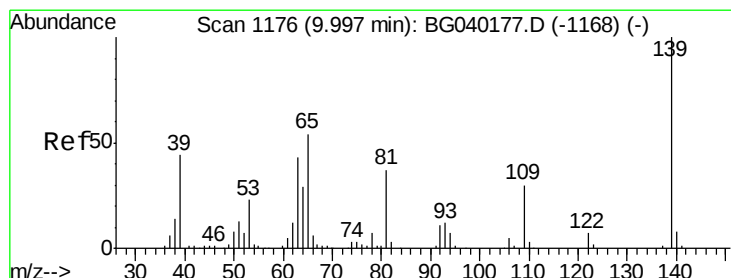
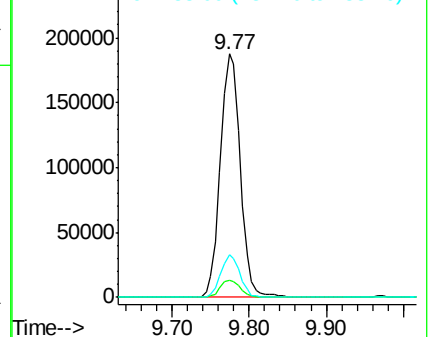
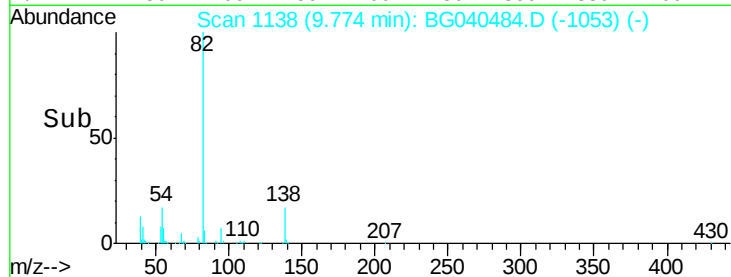
82 100

95 6.9 6.1 9.1

138 17.3 13.2 19.8



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: 41.748 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

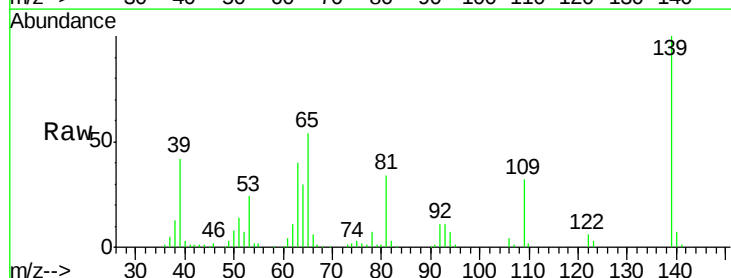
Tgt Ion: 139 Resp: 84714

Ion Ratio Lower Upper

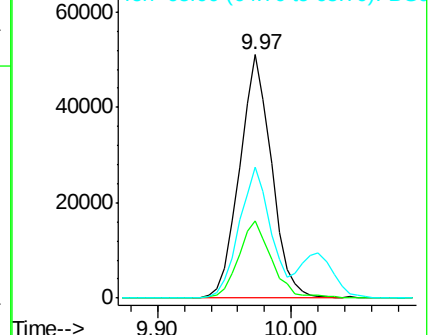
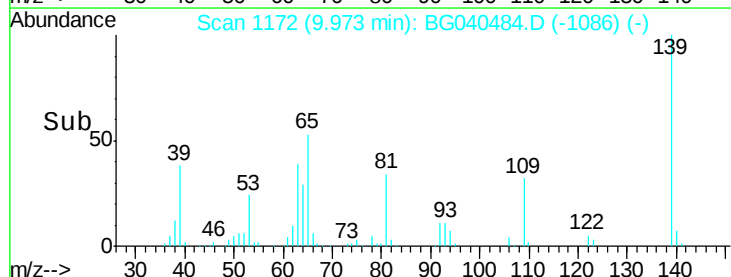
139 100

109 31.5 24.1 36.1

65 53.9 43.0 64.6



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

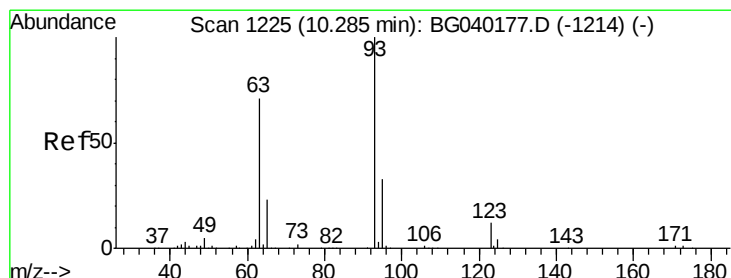
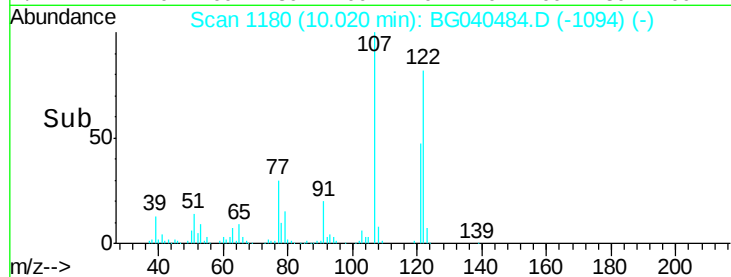
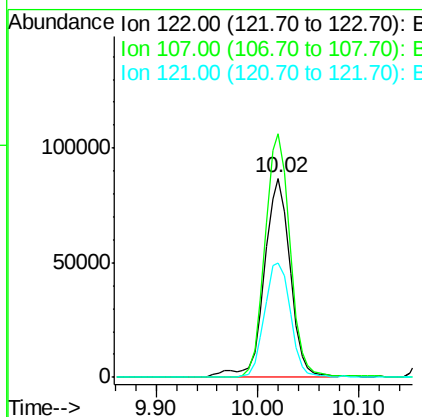
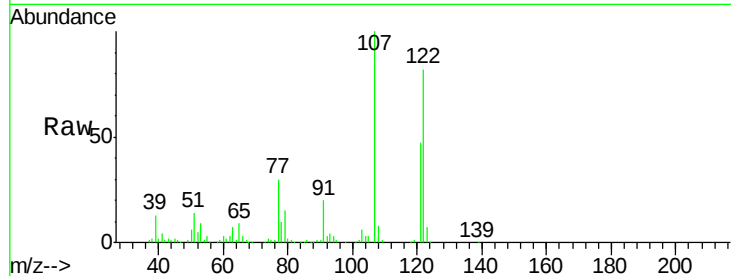




#27
 2,4-Dimethylphenol
 Concen: 47.941 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

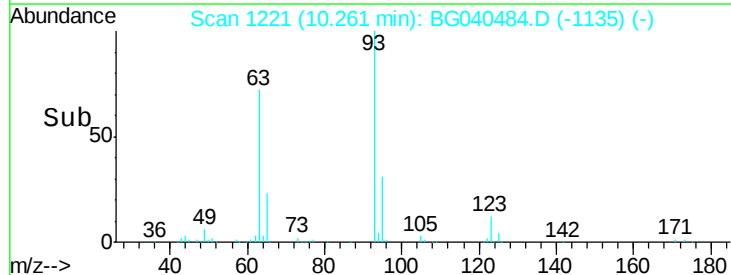
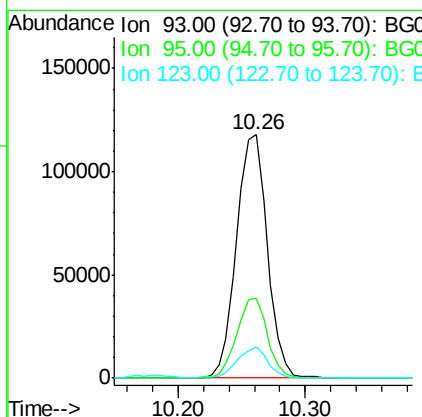
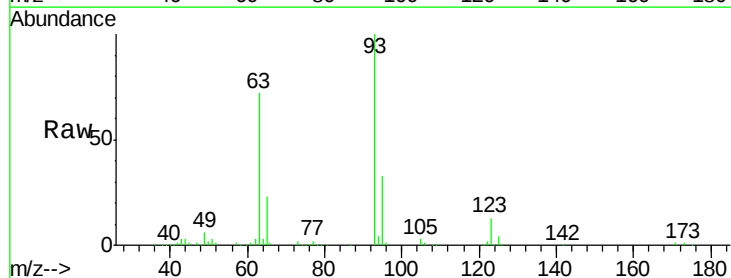
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 154523
 Ion Ratio Lower Upper
 122 100
 107 122.4 97.4 146.2
 121 57.7 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.375 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion: 93 Resp: 198223
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.4
 123 12.7 9.4 14.0

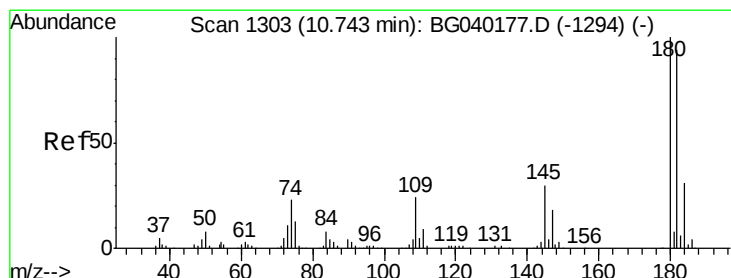
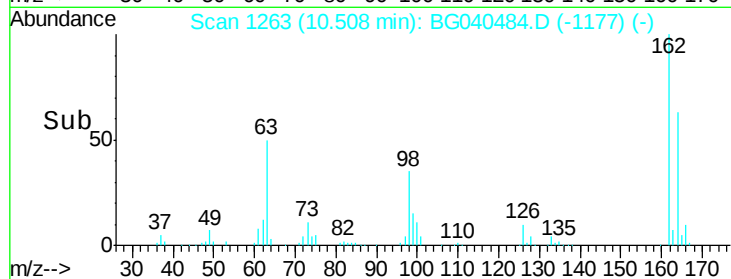
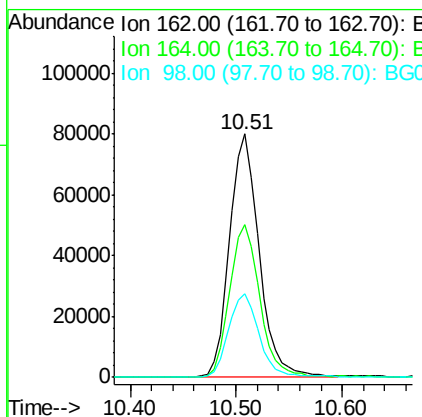
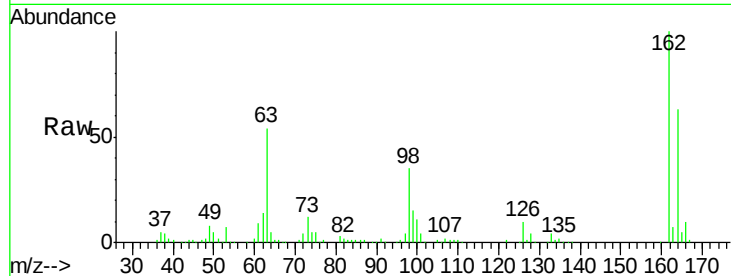




#29
 2,4-Dichlorophenol
 Concen: 44.306 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

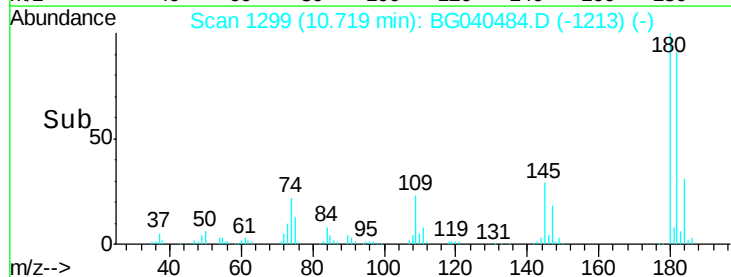
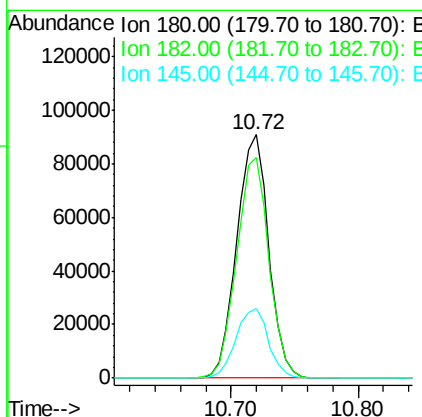
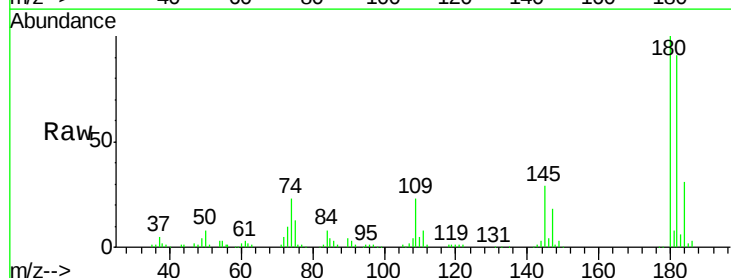
Instrument :
 BNA_G
 ClientSampled :

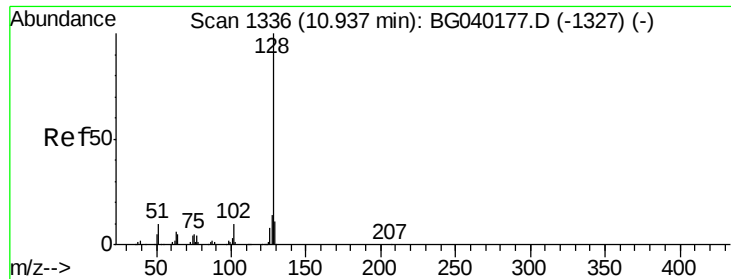
Tot Ion:162 Resp: 155010
 Ion Ratio Lower Upper
 162 100
 164 62.6 43.9 83.9
 98 34.6 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.240 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion:180 Resp: 158428
 Ion Ratio Lower Upper
 180 100
 182 90.6 75.1 112.7
 145 28.8 24.1 36.1

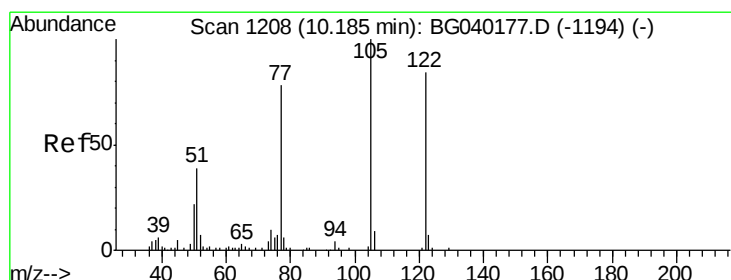
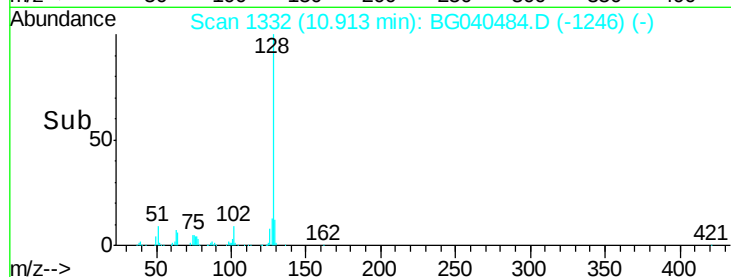
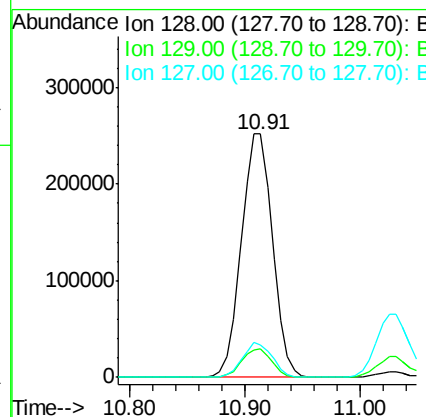
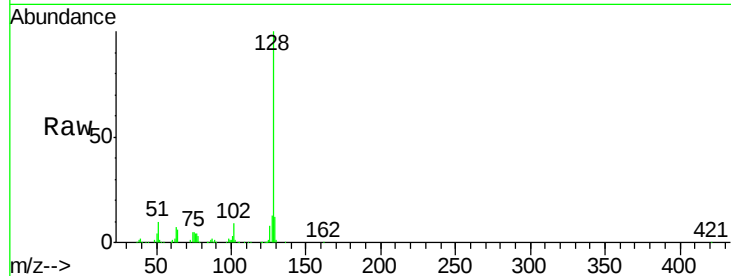




#31
Naphthalene
Concen: 41.726 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

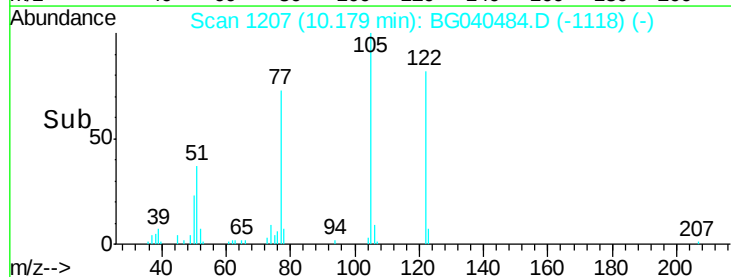
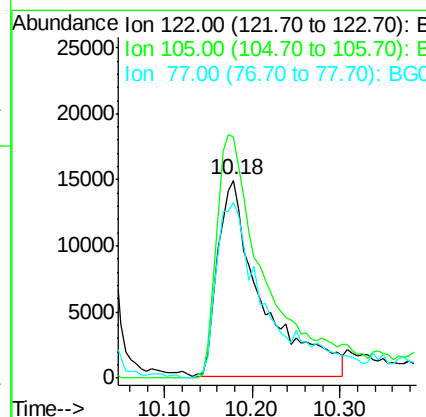
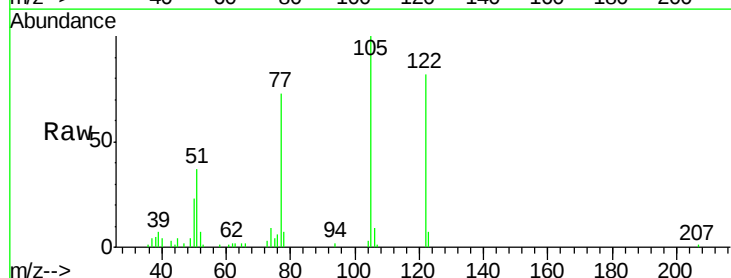
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.2	11.4	17.0



#32
Benzoic acid
Concen: 26.410 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	98.2	138.2
77	88.8	73.6	113.6

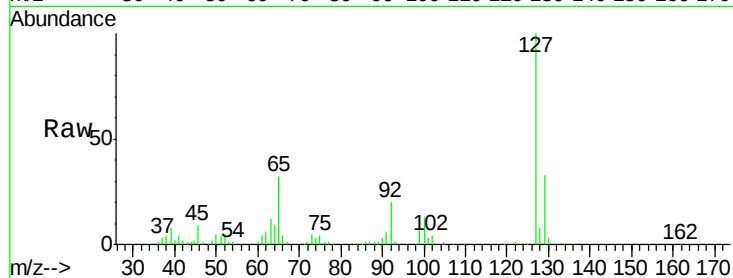




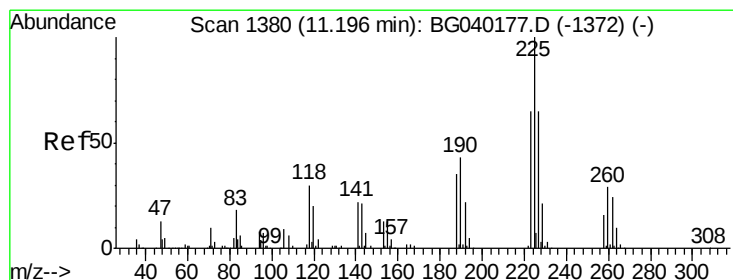
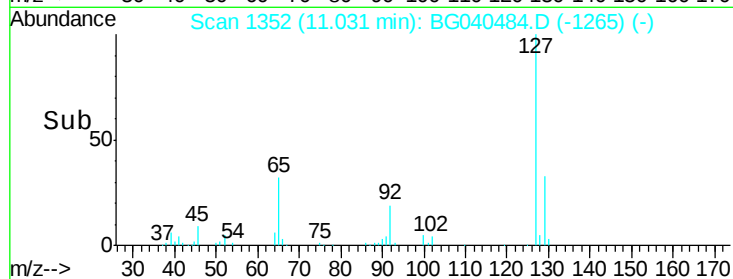
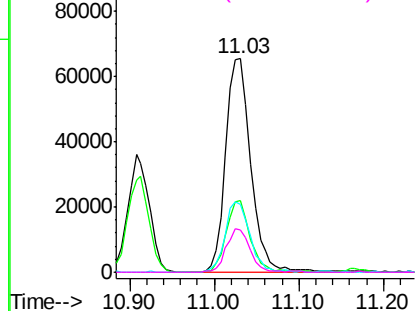
#33
4-Chloroaniline
Concen: 28.123 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	135159
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	31.7	27.0	40.4
92	19.5	16.6	25.0

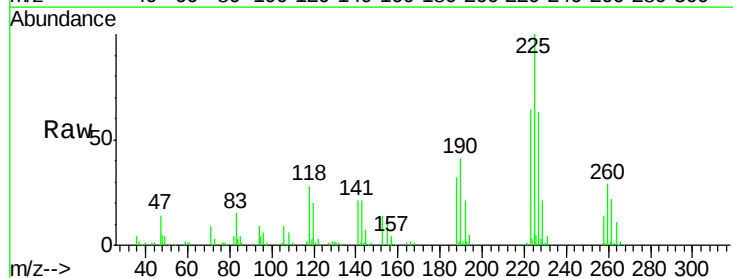


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

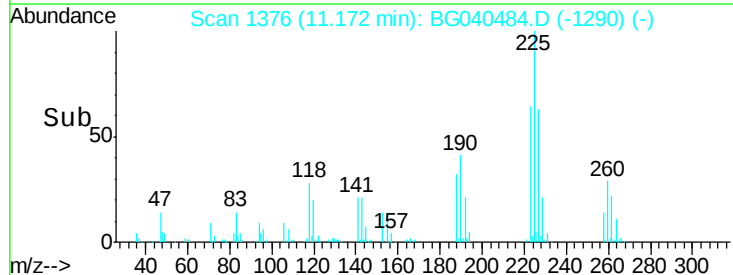
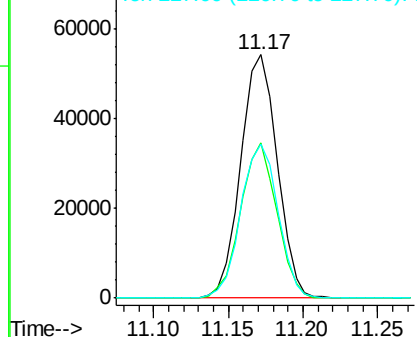


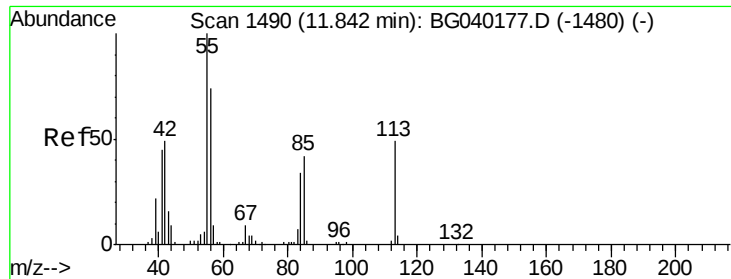
#34
Hexachlorobutadiene
Concen: 37.481 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:	225	Resp:	92085
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.8	77.8
227	63.3	54.9	82.3



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: 44.080 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampled :

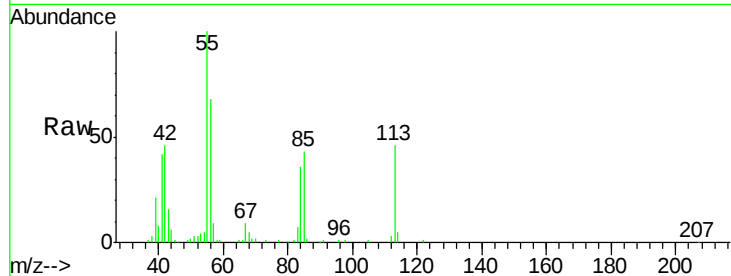
Tot Ion:113 Resp: 61200

Ion Ratio Lower Upper

113 100

55 219.6 184.2 224.2

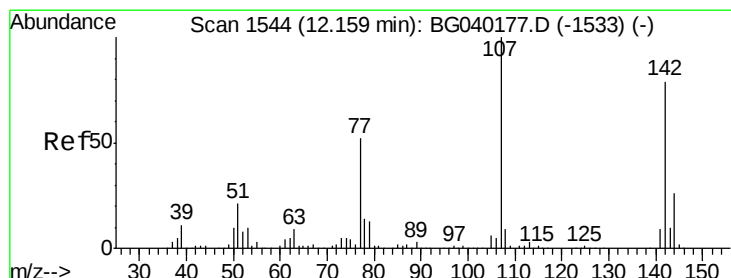
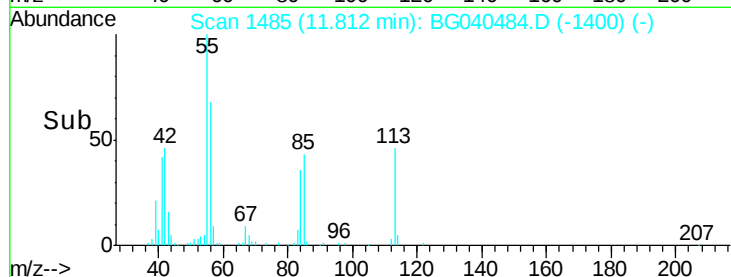
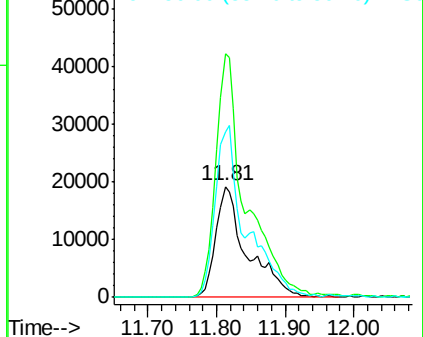
56 149.0 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.289 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

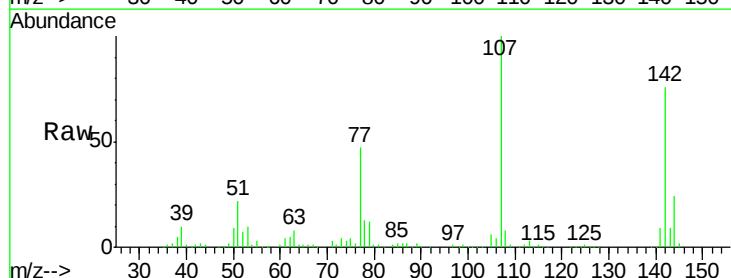
Tgt Ion:107 Resp: 186177

Ion Ratio Lower Upper

107 100

144 23.6 20.5 30.7

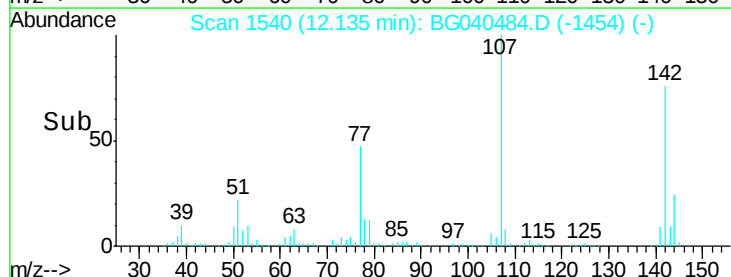
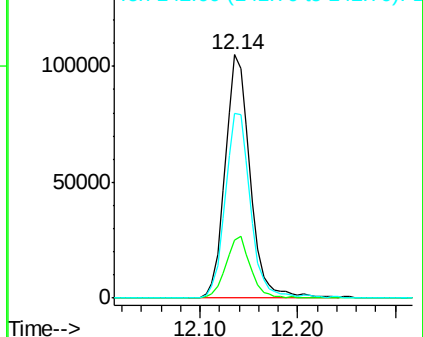
142 75.9 63.1 94.7

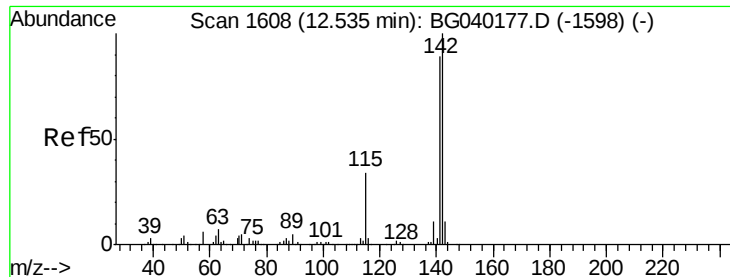


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

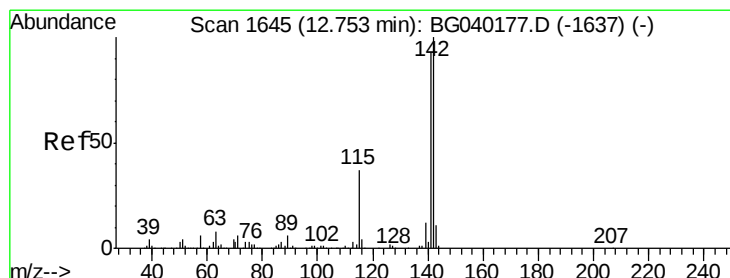
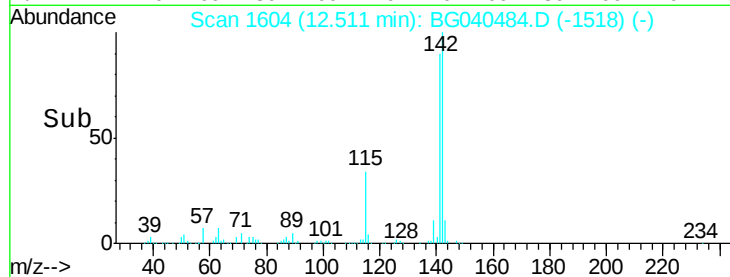
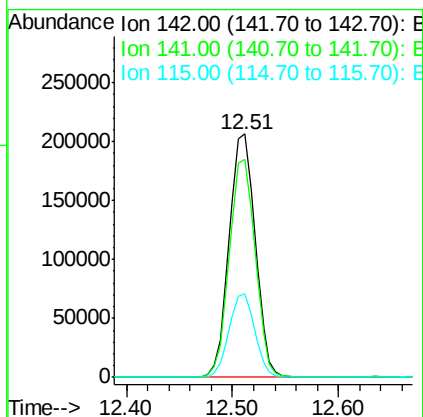
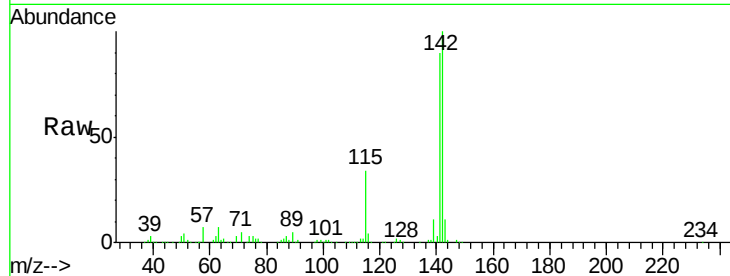




#37
 2-Methylnaphthalene
 Concen: 42.494 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

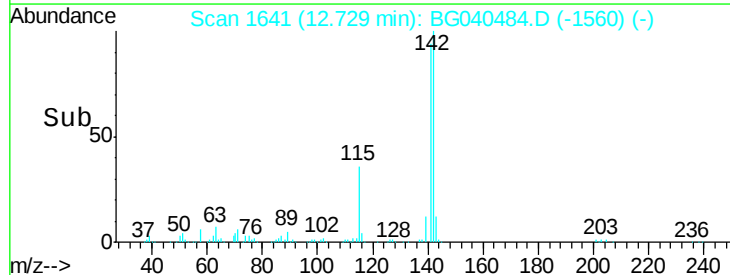
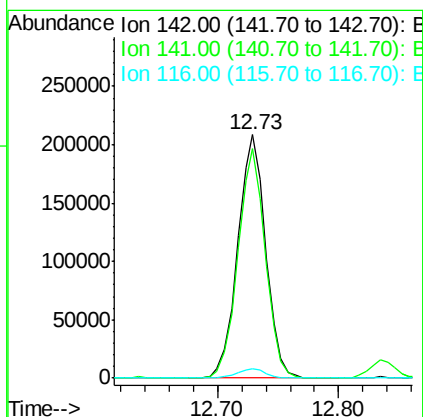
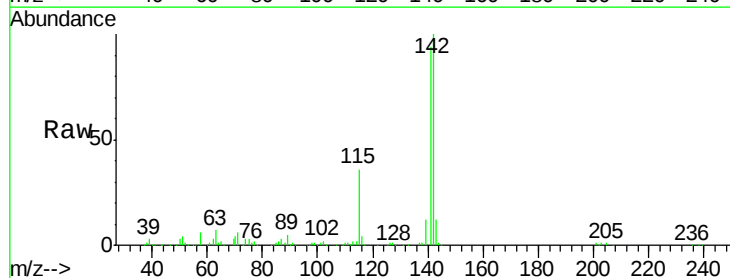
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	34.3	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 41.341 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	4.1	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

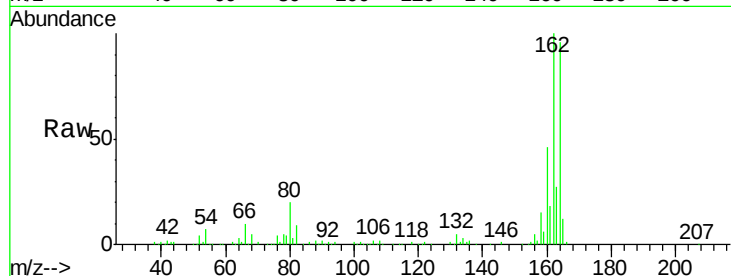
Tot Ion:164 Resp: 144207

Ion Ratio Lower Upper

164 100

162 103.9 77.4 116.2

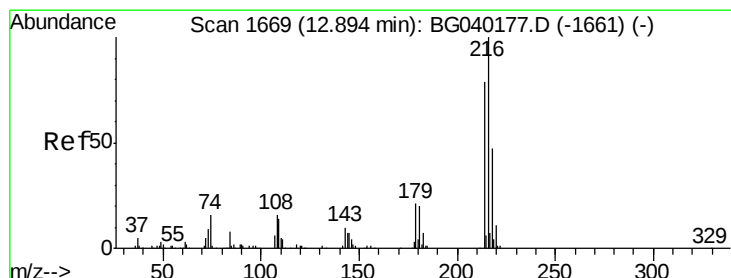
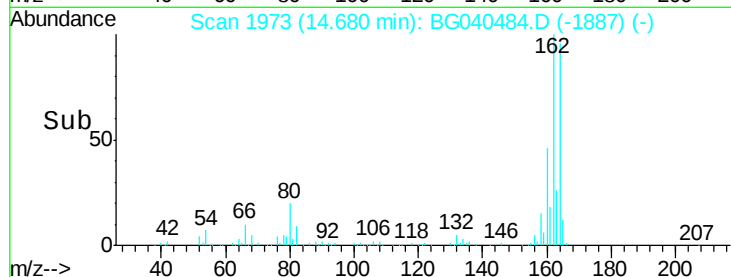
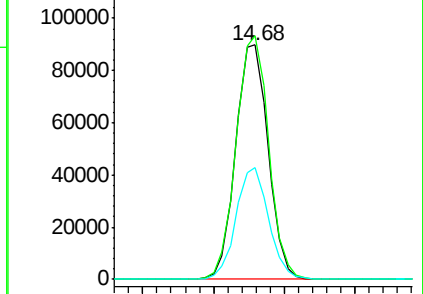
160 47.4 35.3 52.9



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: 39.534 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Tgt Ion:216 Resp: 181200

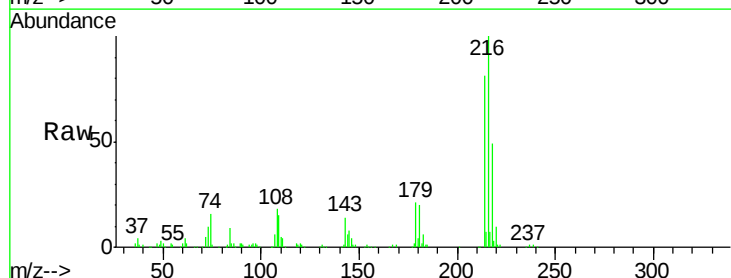
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 20.4 16.6 25.0

108 19.0 13.8 20.8

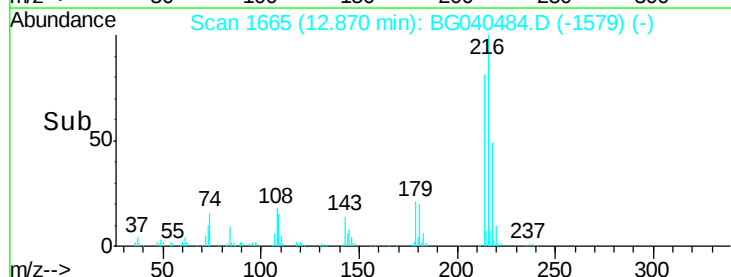
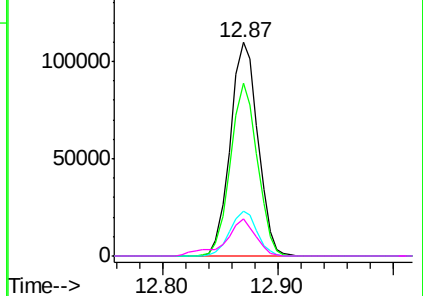


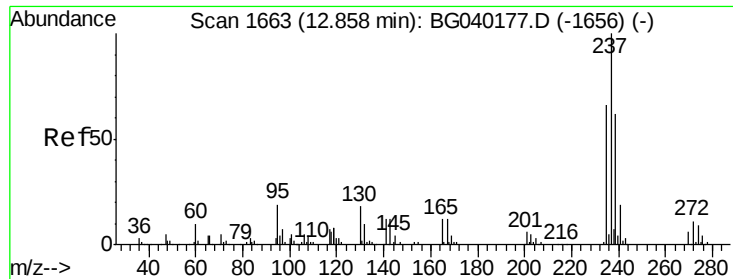
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.626 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

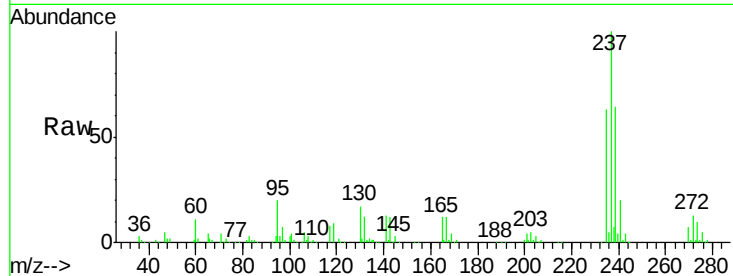
Tot Ion:237 Resp: 190321

Ion Ratio Lower Upper

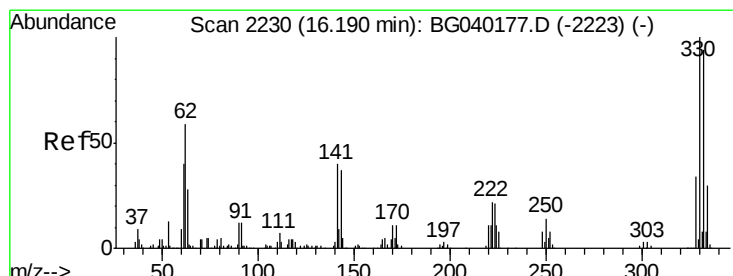
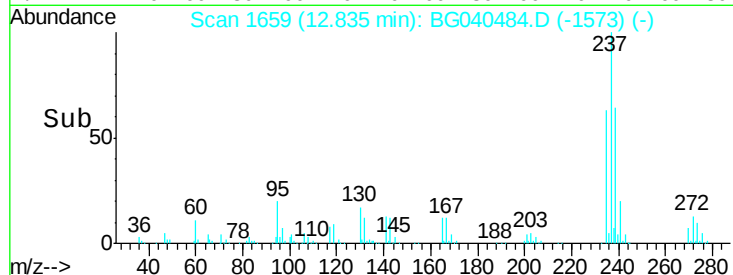
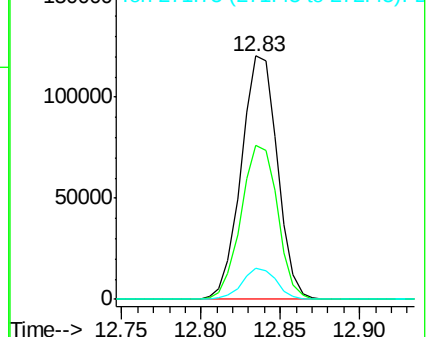
237 100

235 63.2 46.2 86.2

272 12.8 0.0 30.5



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: 158.025 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

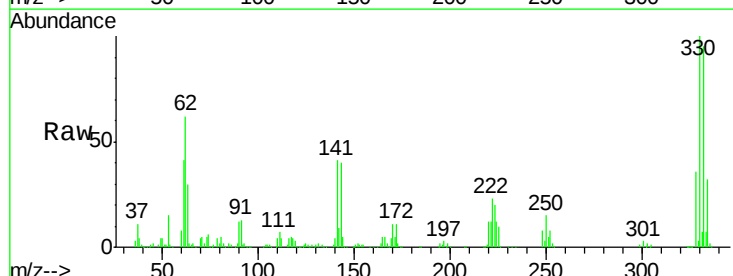
Tgt Ion:330 Resp: 246282

Ion Ratio Lower Upper

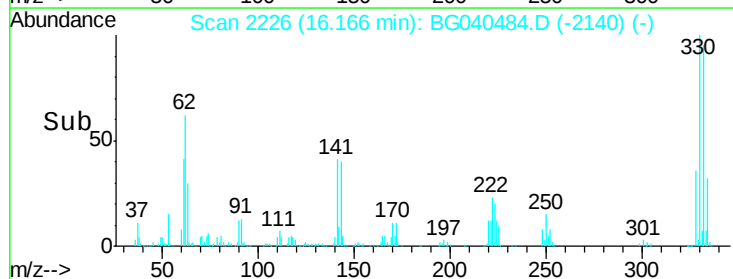
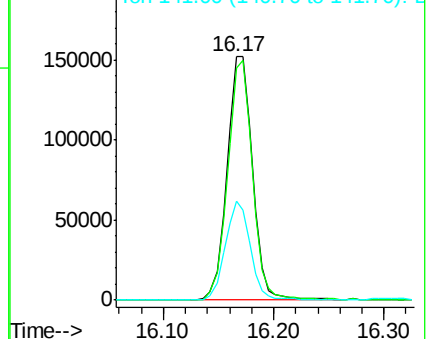
330 100

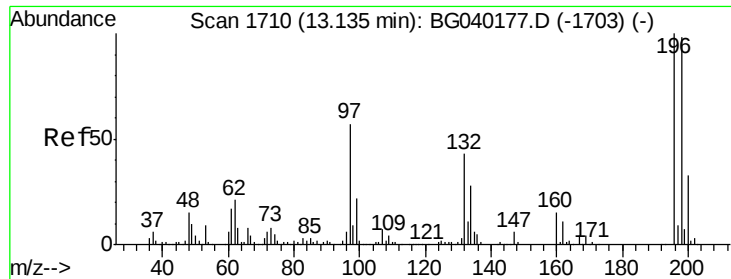
332 95.8 76.6 115.0

141 39.6 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

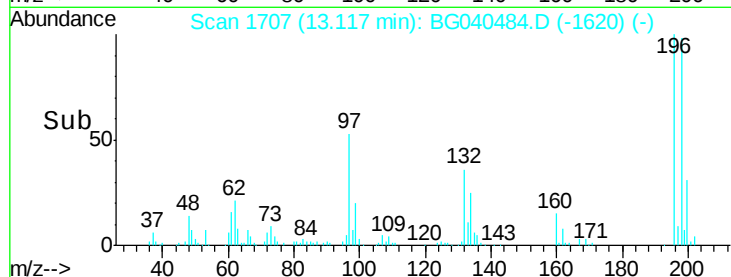
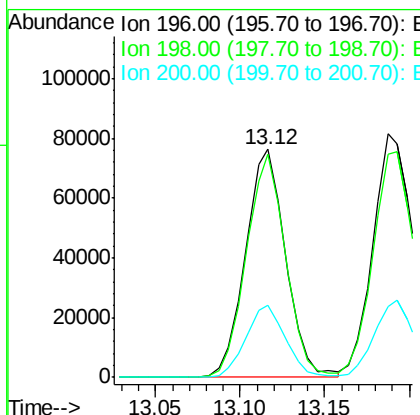
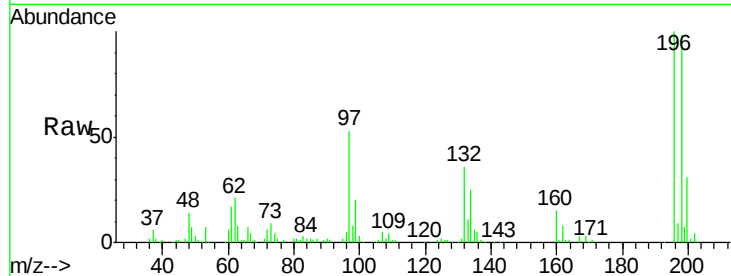




#43
 2,4,6-Trichlorophenol
 Concen: 42.686 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

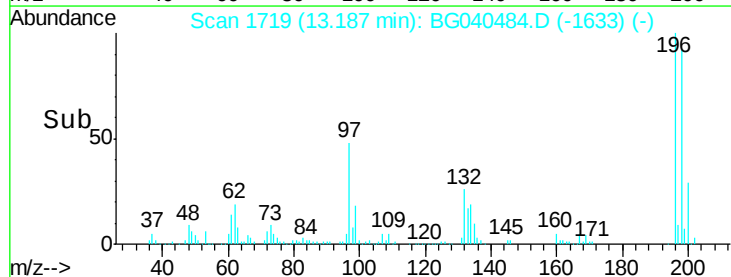
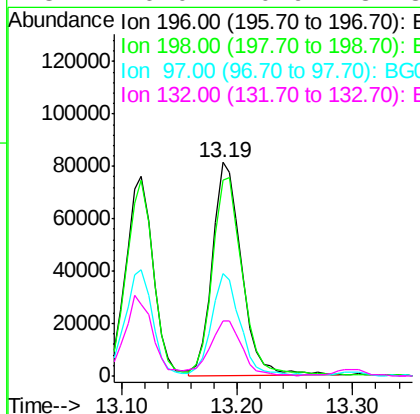
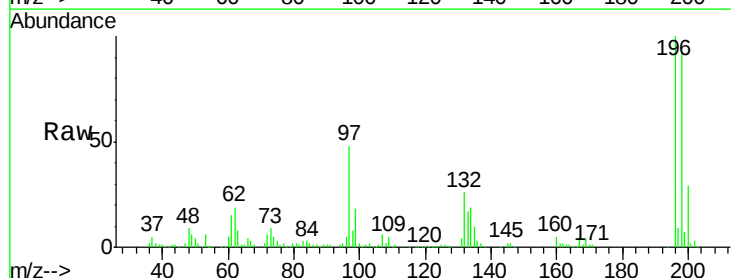
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	126139
Ion	Ratio	Lower	Upper
196	100		
198	97.7	78.3	117.5
200	31.4	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.833 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion	196	Resp	141183
Ion	Ratio	Lower	Upper
196	100		
198	91.7	75.0	112.6
97	47.8	37.3	55.9
132	26.0	20.9	31.3

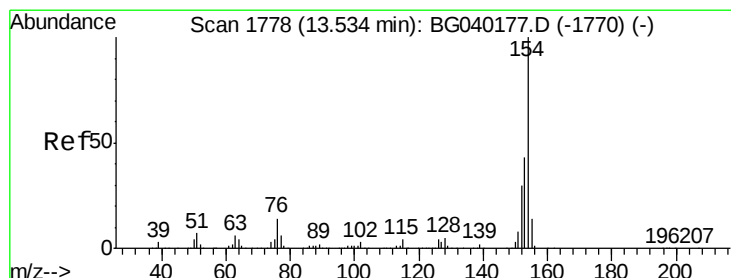
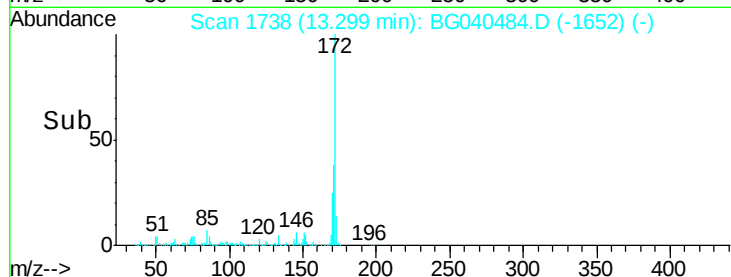
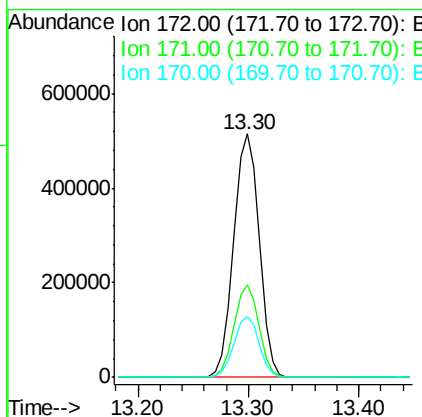
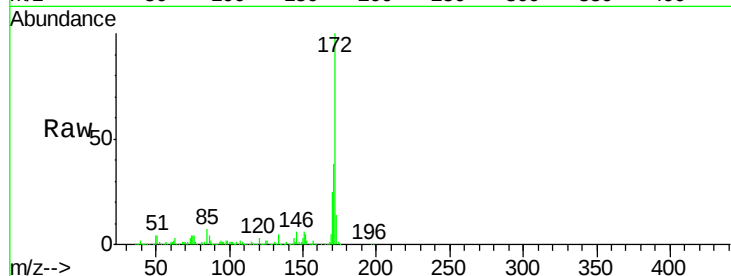




#45
2-Fluorobiphenyl
Concen: 85.910 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

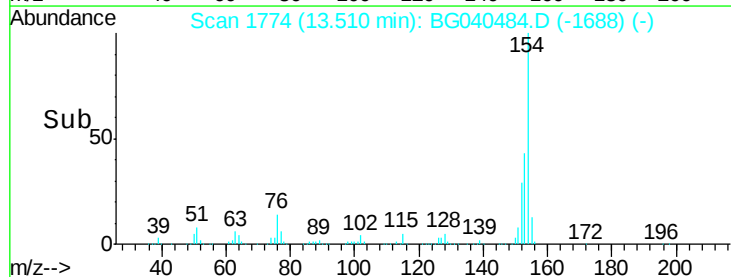
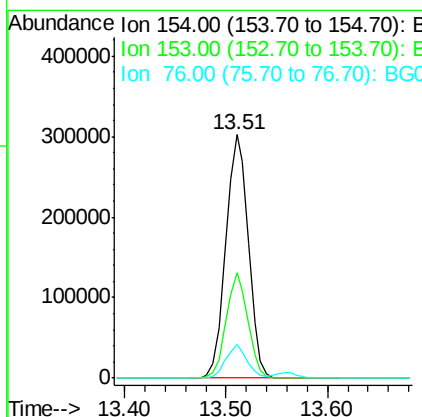
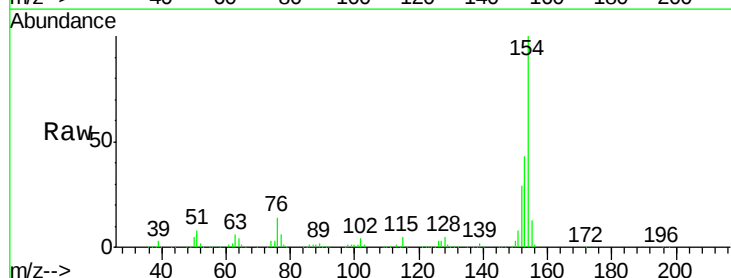
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 836085
Ion Ratio Lower Upper
172 100
171 38.0 30.5 45.7
170 24.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 40.697 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:154 Resp: 463716
Ion Ratio Lower Upper
154 100
153 43.3 22.5 62.5
76 13.8 0.0 33.7

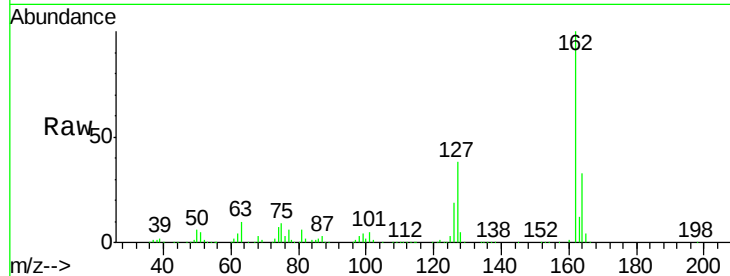




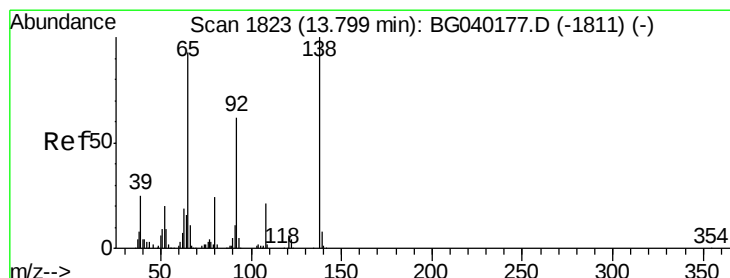
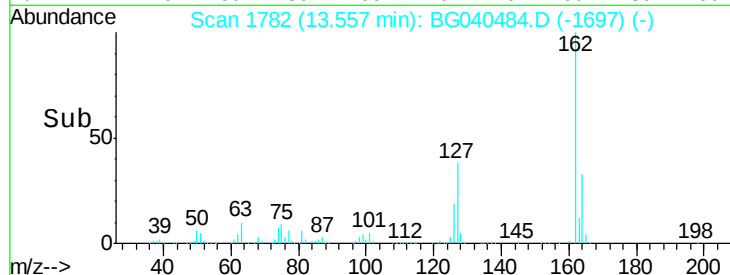
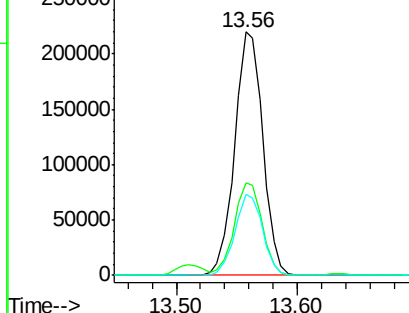
#47
 2-Chloronaphthalene
 Concen: 40.729 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.6	45.8
164	33.1	26.2	39.4

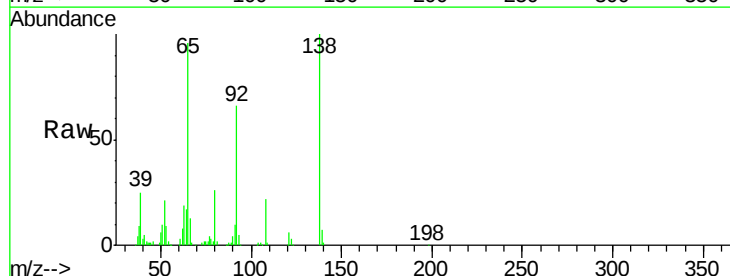


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

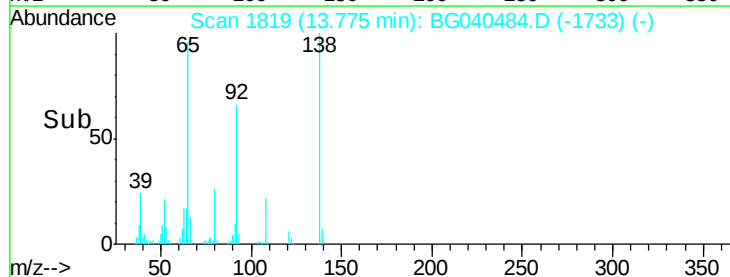
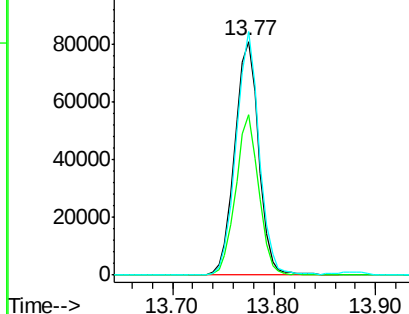


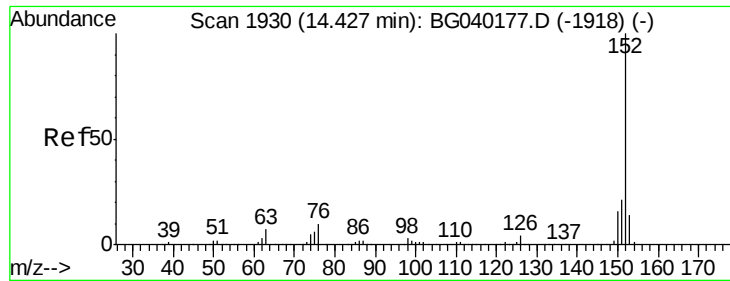
#48
 2-Nitroaniline
 Concen: 45.136 ng
 RT: 13.77 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	53.8	80.6
138	104.2	86.3	129.5



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.717 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

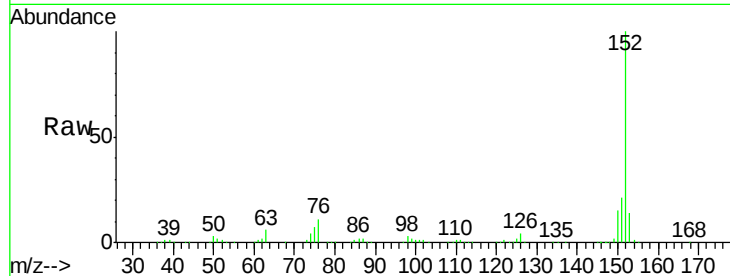
Tot Ion:152 Resp: 603369

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

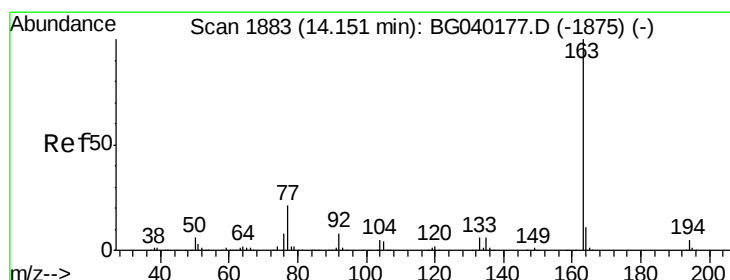
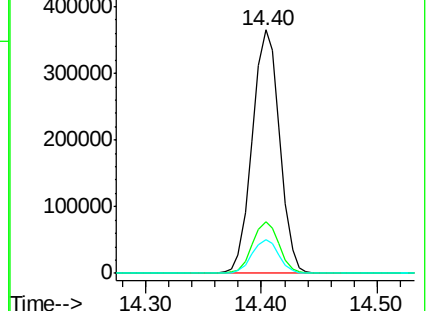
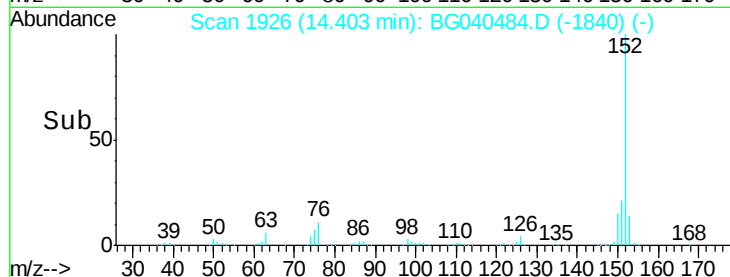
153 14.0 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.747 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

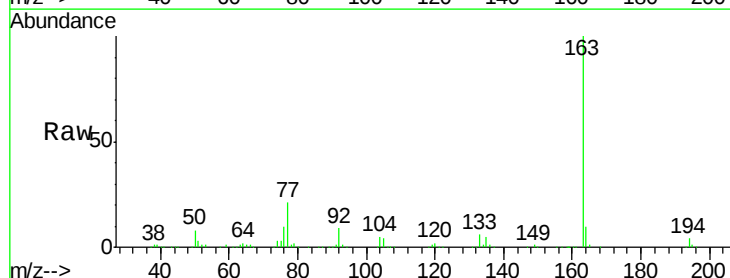
Tgt Ion:163 Resp: 482453

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

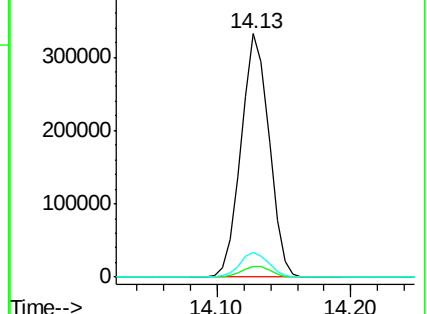
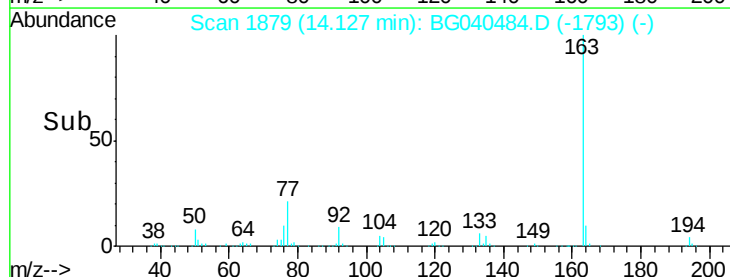
164 10.4 8.6 13.0

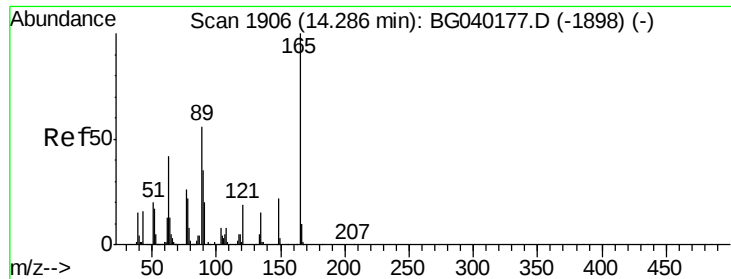


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

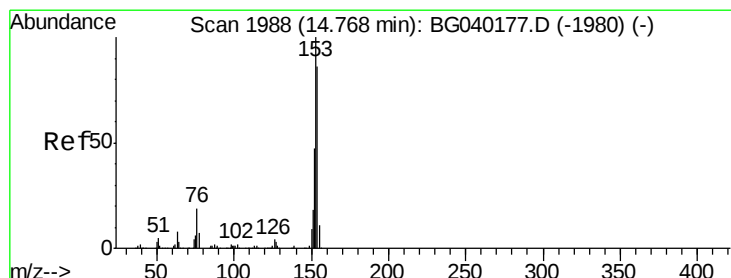
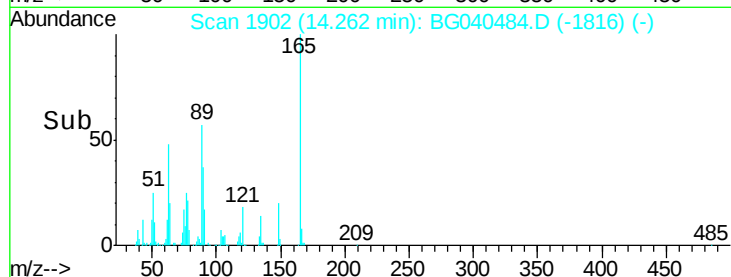
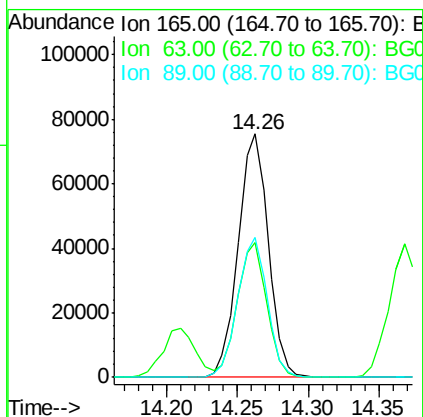
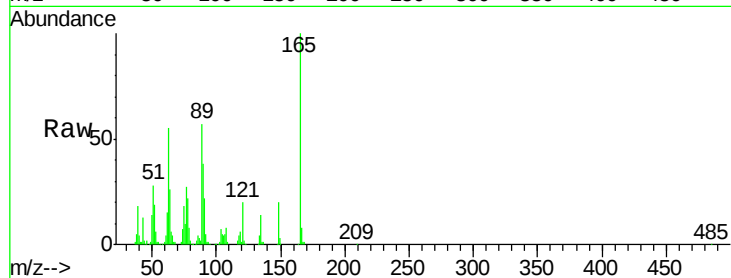




#51
2,6-Dinitrotoluene
Concen: 44.371 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

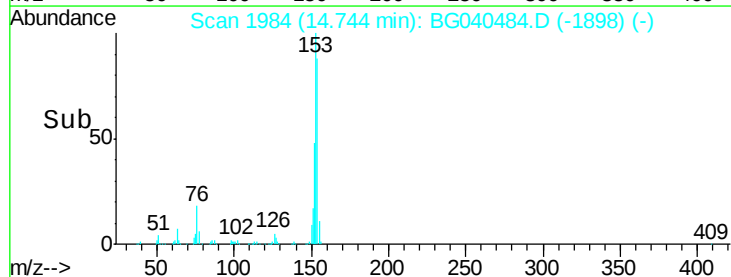
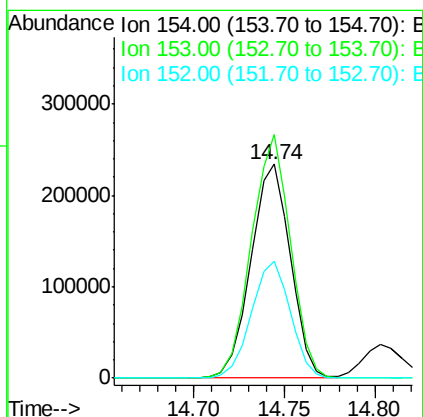
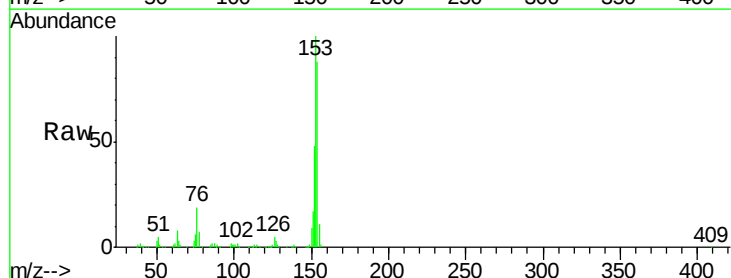
Instrument :
BNA_G
ClientSampleId :

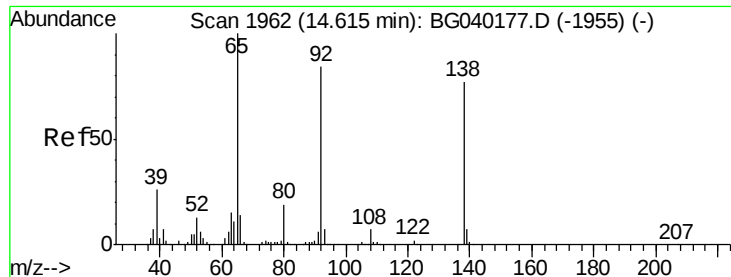
Tot Ion:165 Resp: 112444
Ion Ratio Lower Upper
165 100
63 55.2 44.1 66.1
89 57.3 44.9 67.3



#52
Acenaphthene
Concen: 41.777 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:154 Resp: 354741
Ion Ratio Lower Upper
154 100
153 114.0 92.8 139.2
152 54.6 43.4 65.2

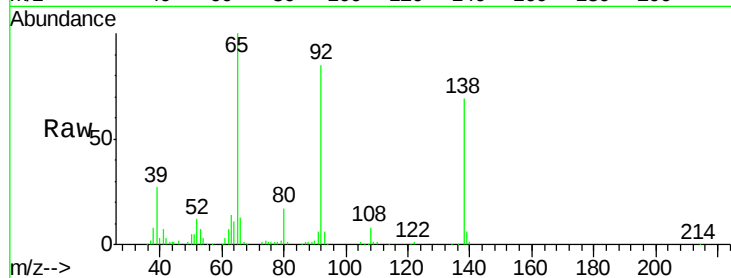




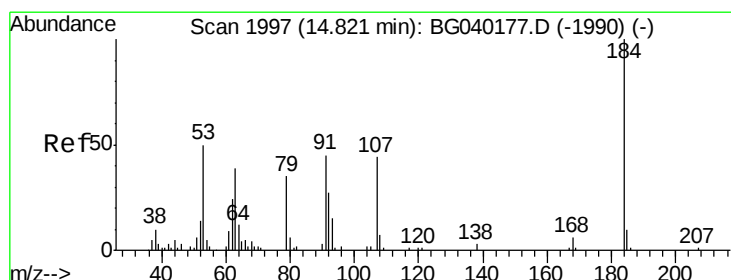
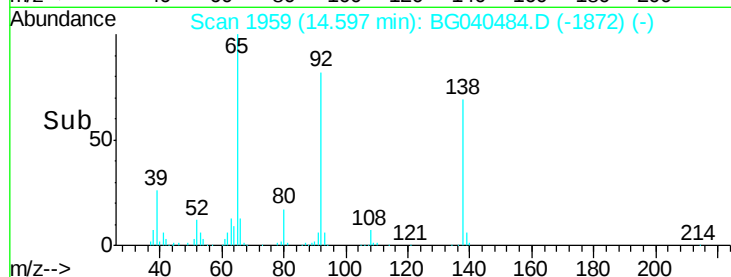
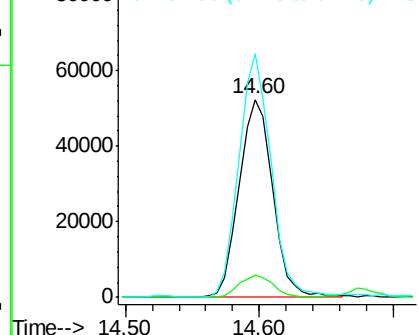
#53
3-Nitroaniline
Concen: 33.990 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 91178
Ion Ratio Lower Upper
138 100
108 11.2 7.8 11.8
92 123.0 87.5 131.3

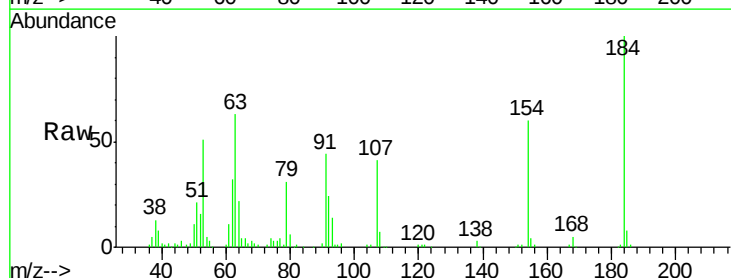


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

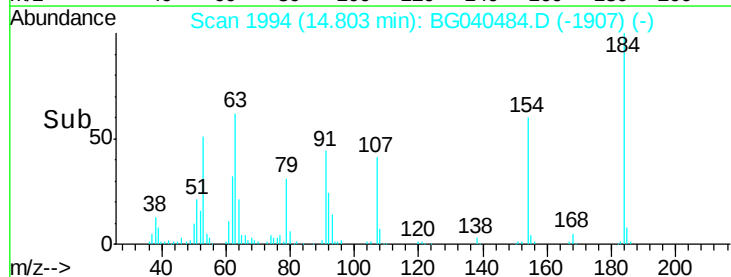
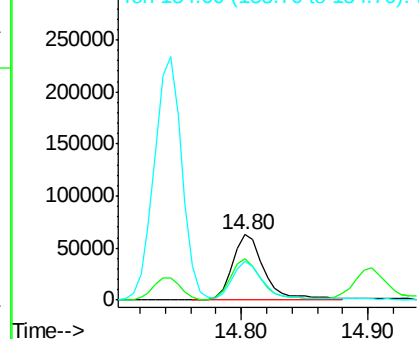


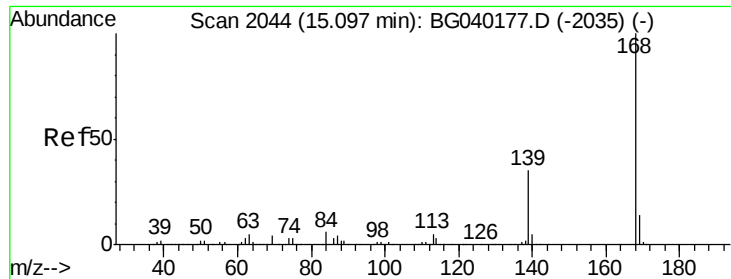
#54
2,4-Dinitrophenol
Concen: 81.472 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:184 Resp: 109802
Ion Ratio Lower Upper
184 100
63 63.1 51.8 77.8
154 60.0 50.9 76.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

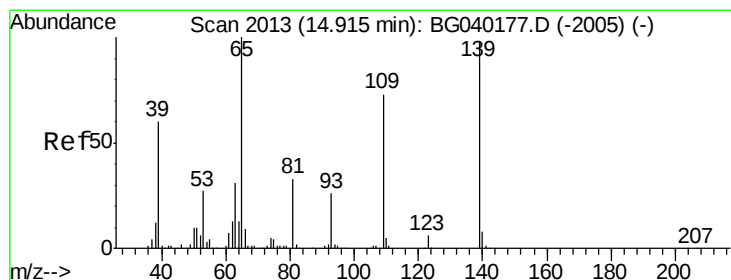
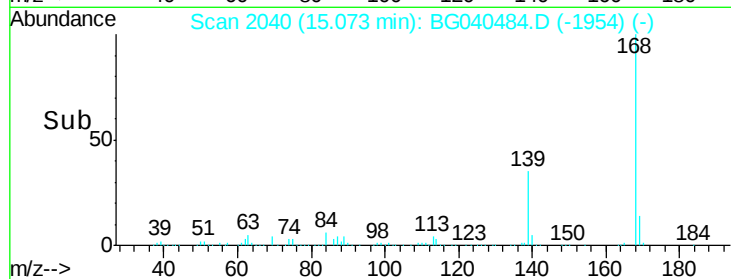
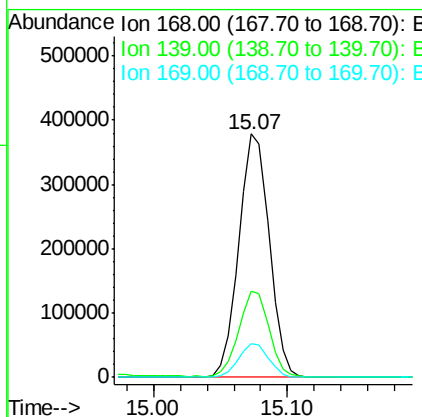
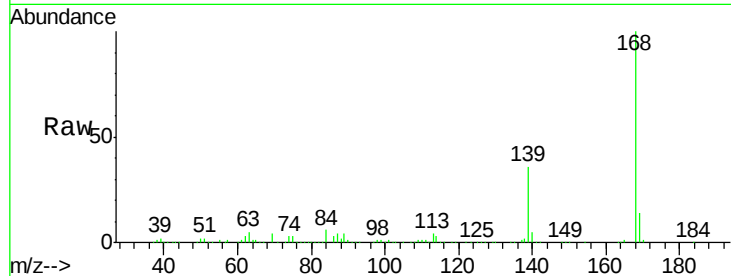




#55
Dibenzenofuran
Concen: 43.713 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

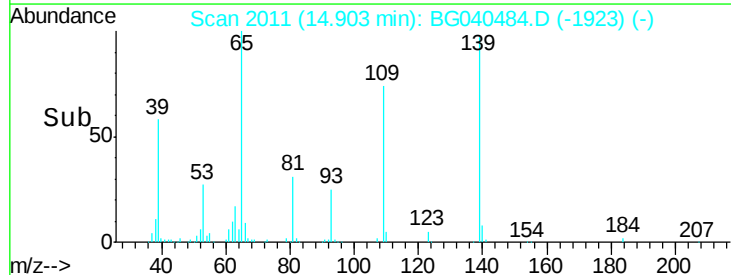
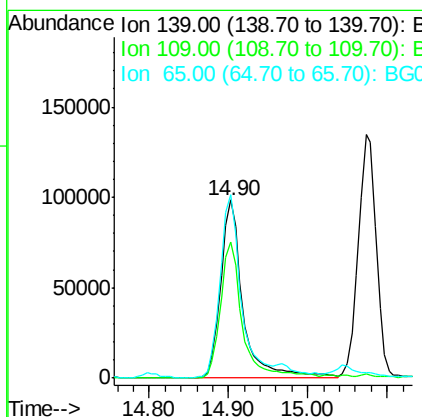
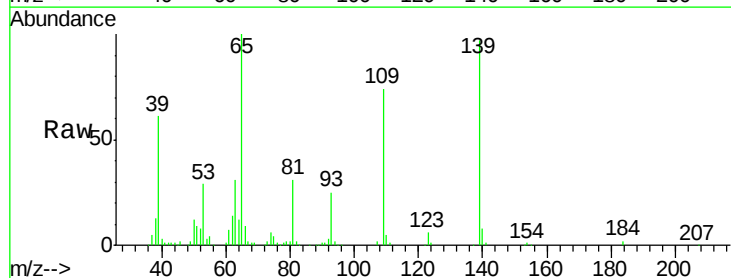
Instrument :
BNA_G
ClientSampleId :

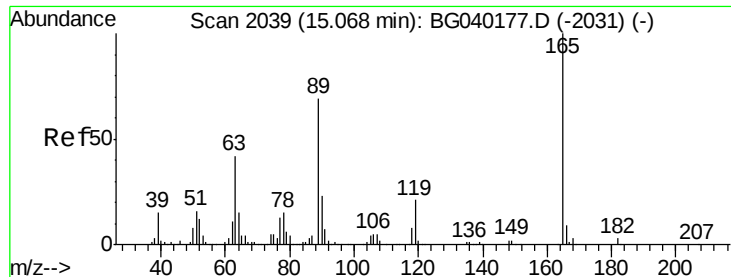
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	27.9	41.9
169	13.7	11.3	16.9



#56
4-Nitrophenol
Concen: 89.036 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	54.3	94.3
65	103.3	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 47.051 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 165678

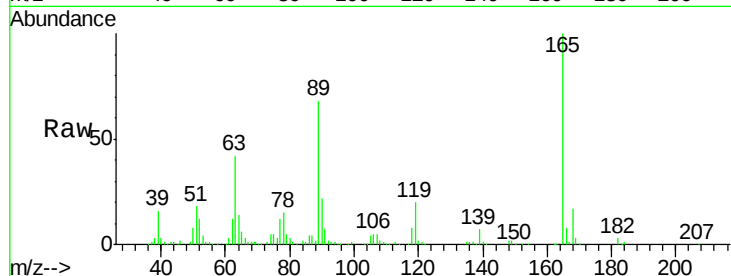
Ion Ratio Lower Upper

165 100

63 41.6 33.8 50.6

89 68.5 55.4 83.2

182 2.8 2.2 3.4

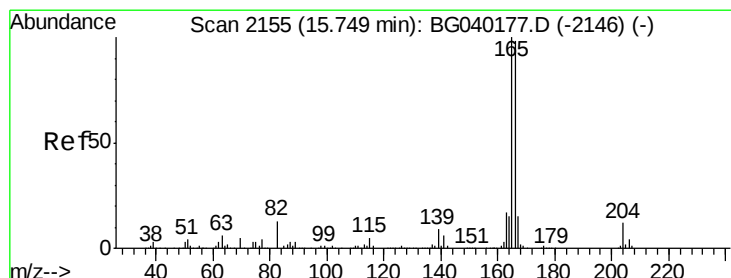
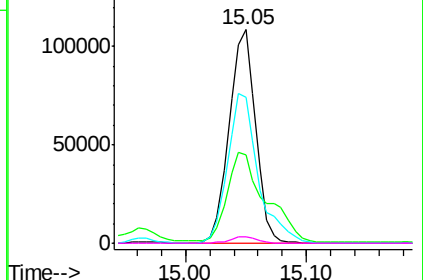
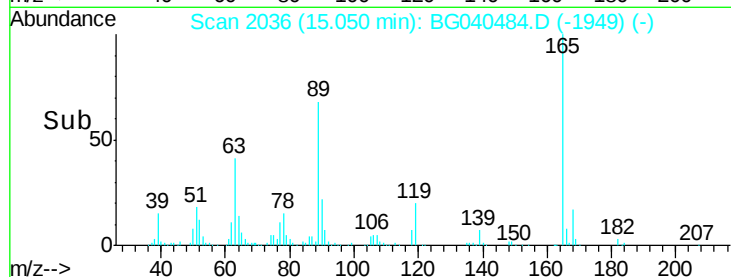


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.769 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

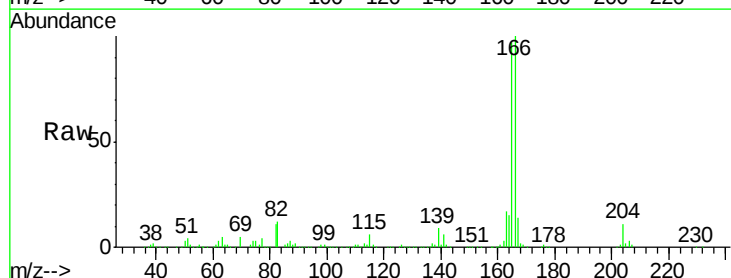
Tgt Ion:166 Resp: 469526

Ion Ratio Lower Upper

166 100

165 96.8 81.7 122.5

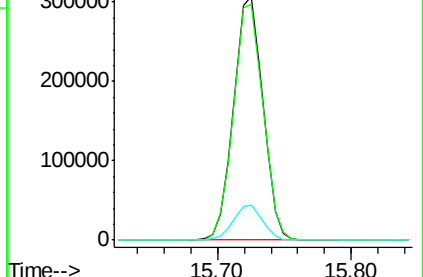
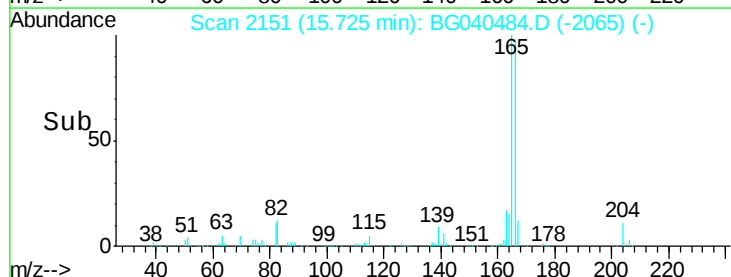
167 14.1 11.9 17.9

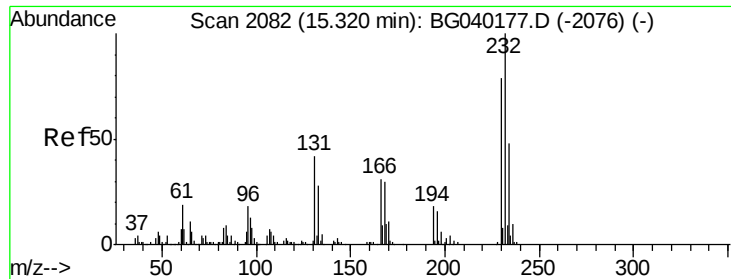


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

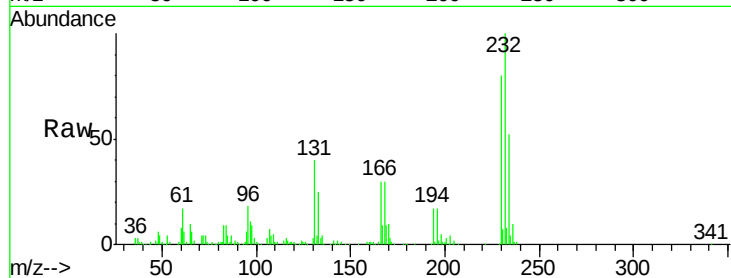




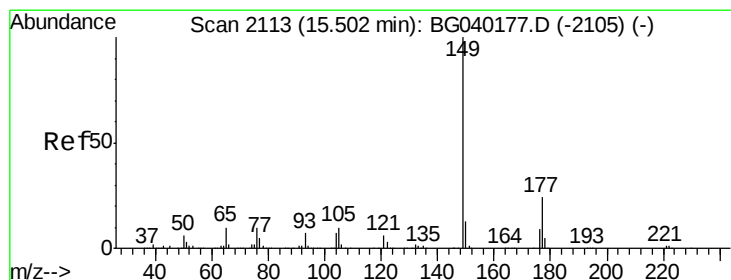
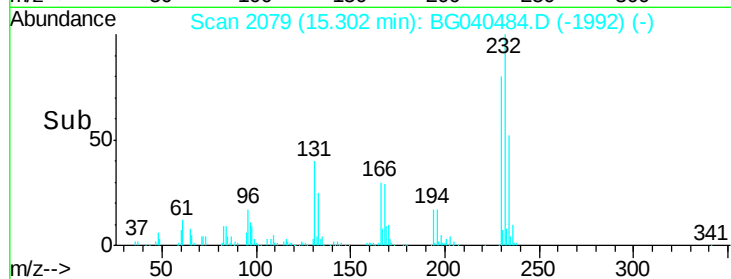
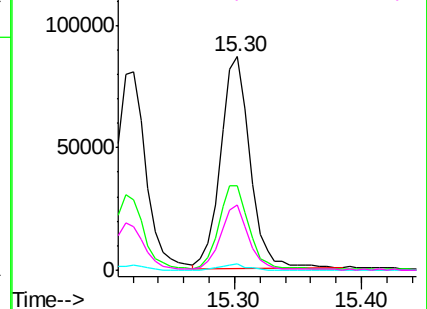
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.910 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	140034
Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.9	49.3
130	2.7	1.8	2.8
166	28.4	23.5	35.3

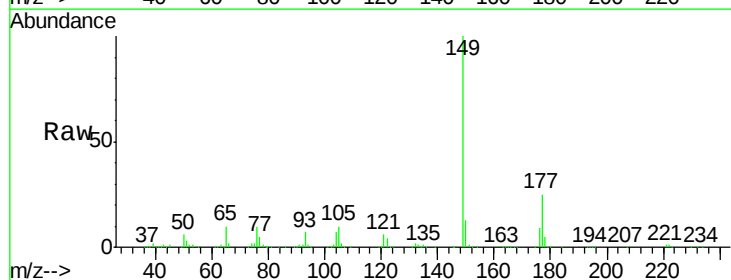


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

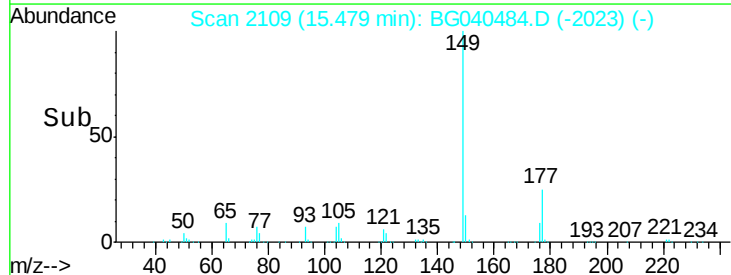
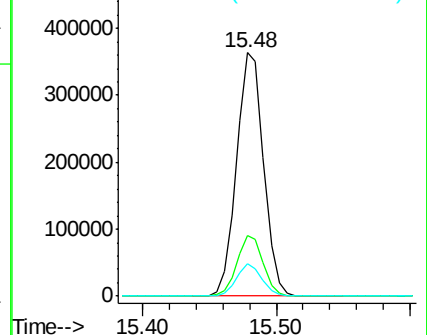


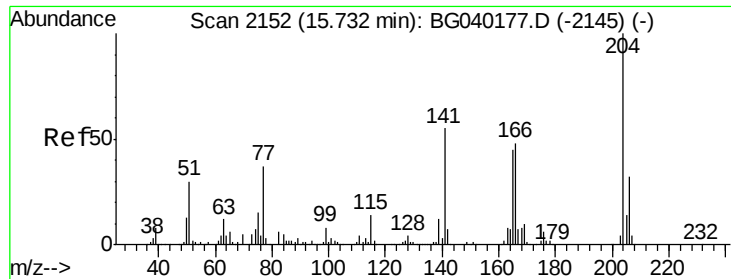
#60
 Diethylphthalate
 Concen: 44.306 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion:	149	Resp:	511697
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.1	28.7
150	13.3	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

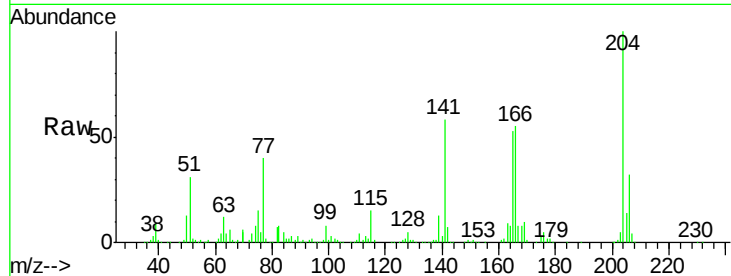




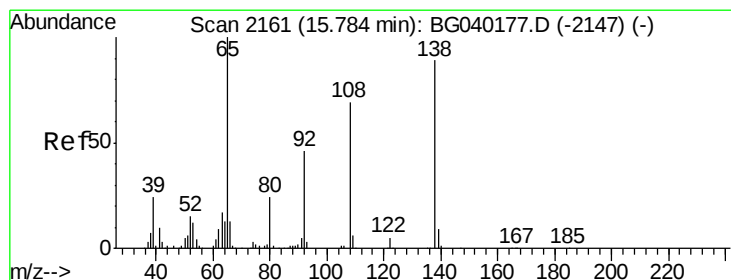
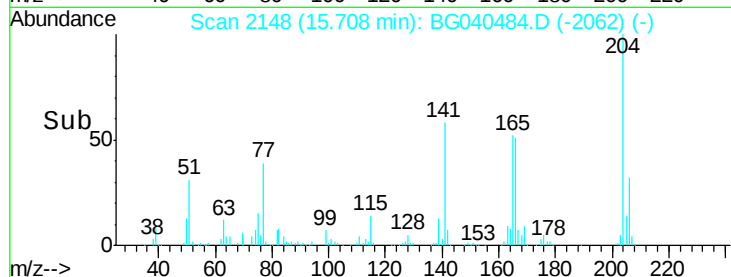
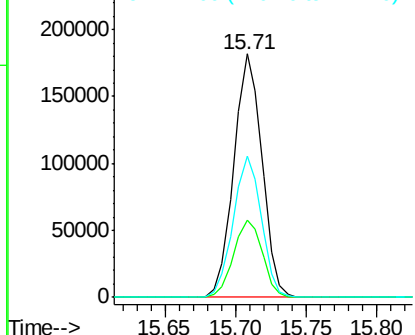
#61
4-Chlorophenyl-phenylether
Concen: 44.020 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 252413
Ion Ratio Lower Upper
204 100
206 31.8 25.7 38.5
141 58.2 44.0 66.0

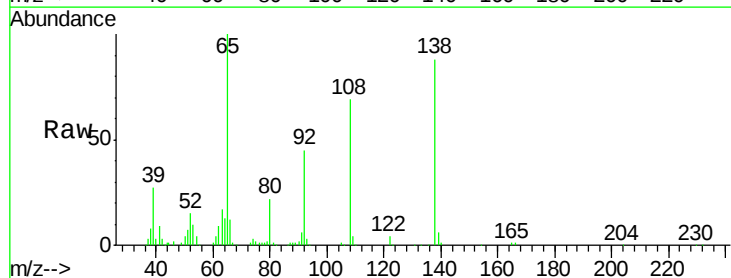


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

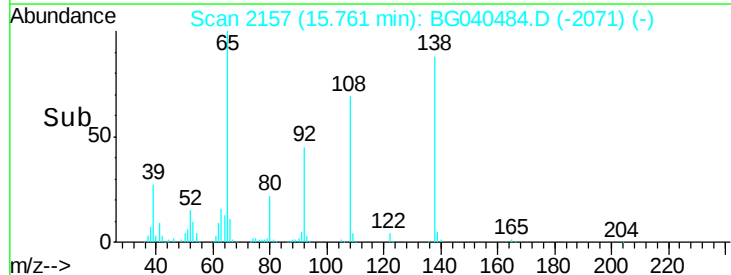
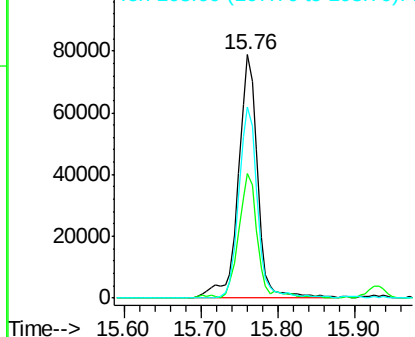


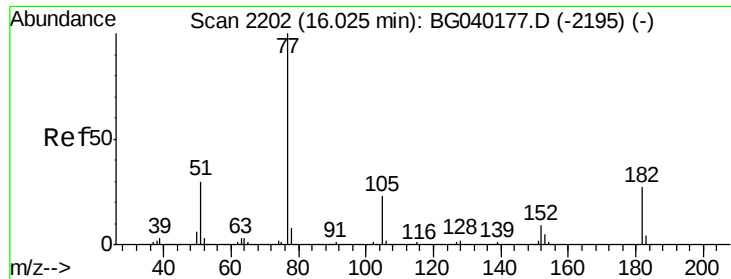
#62
4-Nitroaniline
Concen: 48.416 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:138 Resp: 139378
Ion Ratio Lower Upper
138 100
92 51.4 31.8 71.8
108 78.3 57.2 97.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.505 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 484824

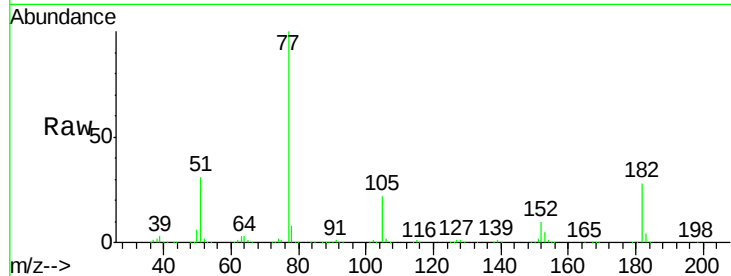
Ion Ratio Lower Upper

77 100

182 28.1 7.2 47.2

105 22.2 2.8 42.8

51 31.2 10.4 50.4

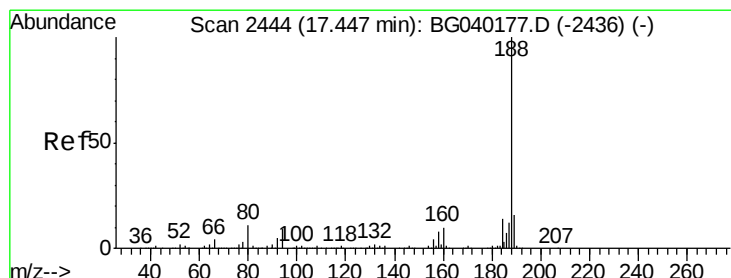
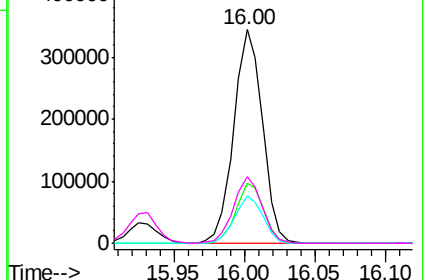
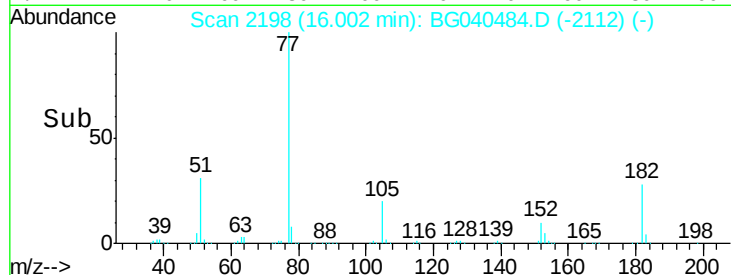


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

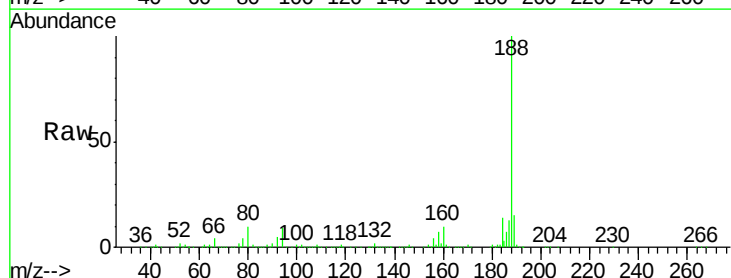
Tgt Ion: 188 Resp: 396815

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

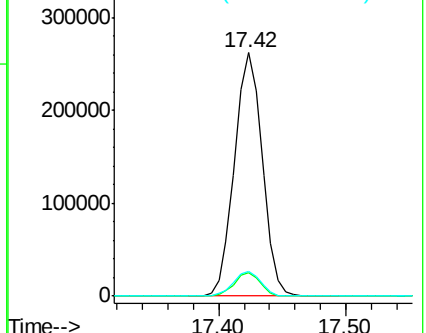
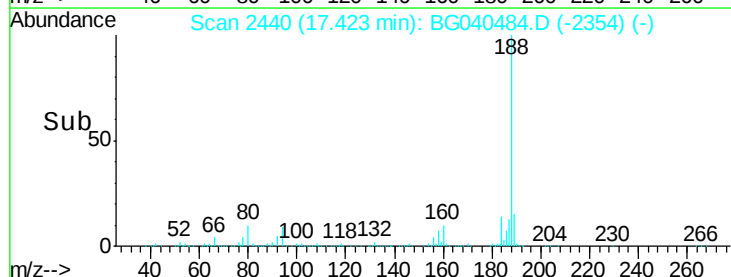
80 10.1 8.6 13.0

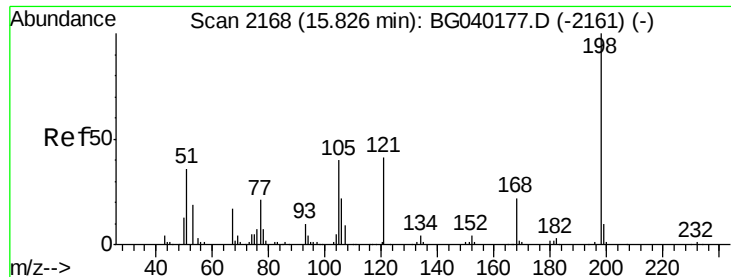


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

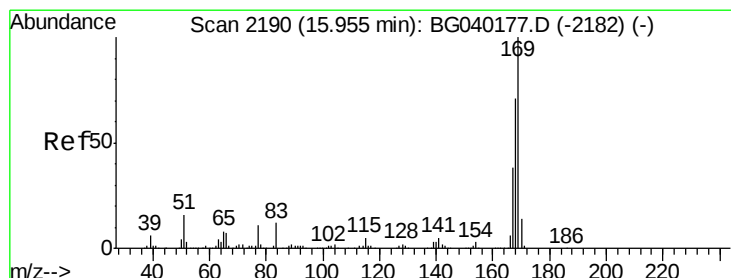
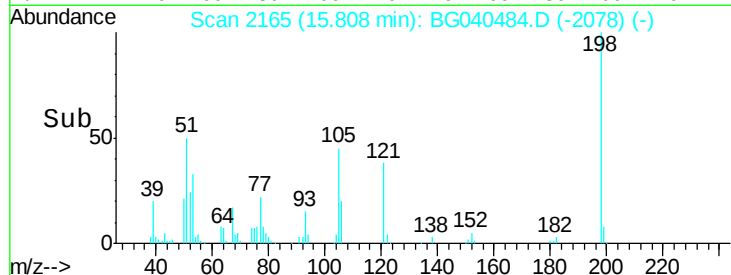
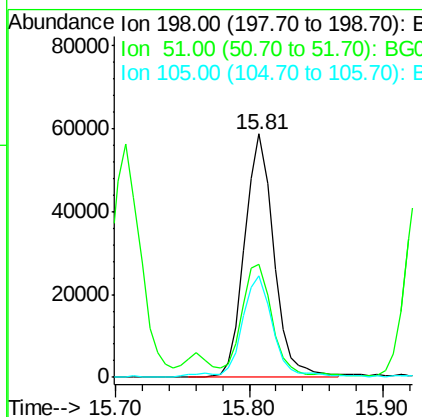
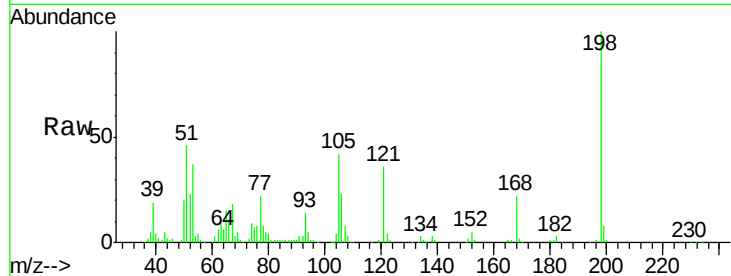




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.833 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

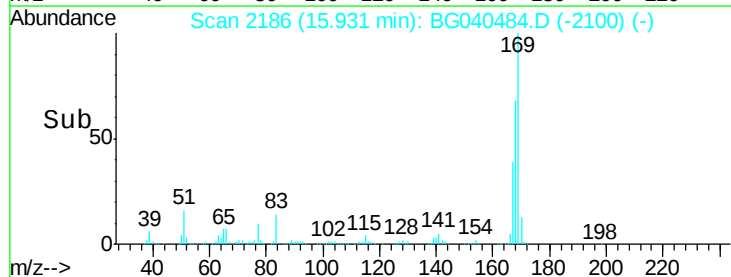
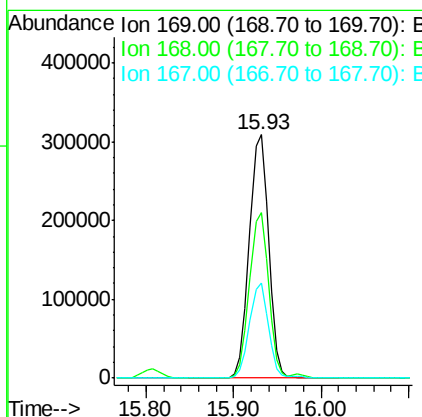
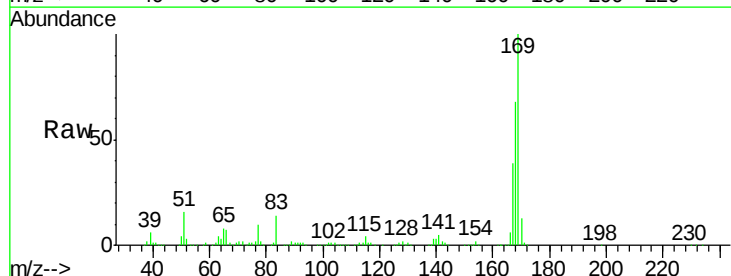
Instrument :
 BNA_G
 ClientSampleId :

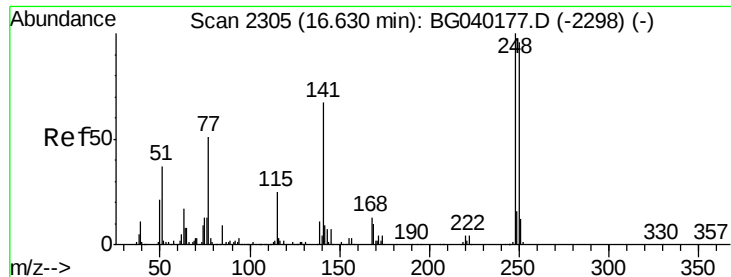
Tot Ion	198	Resp	88802
Ion Ratio	100	Lower	Upper
51	46.3	27.3	67.3
105	41.7	21.7	61.7



#66
 n-Nitrosodiphenylamine
 Concen: 39.468 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion	169	Resp	458300
Ion Ratio	100	Lower	Upper
168	68.2	56.8	85.2
167	38.8	30.2	45.4





#67

4-Bromophenyl-phenylether

Concen: 38.481 ng

RT: 16.61 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

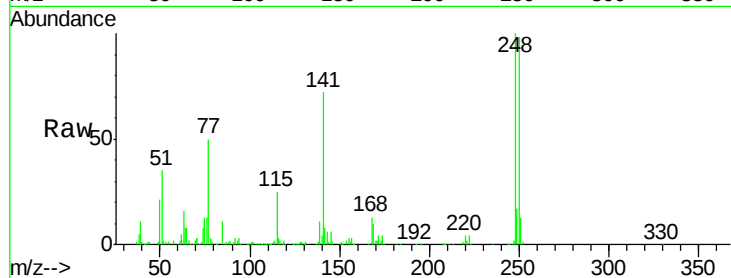
Tot Ion:248 Resp: 171840

Ion Ratio Lower Upper

248 100

250 98.3 76.4 114.6

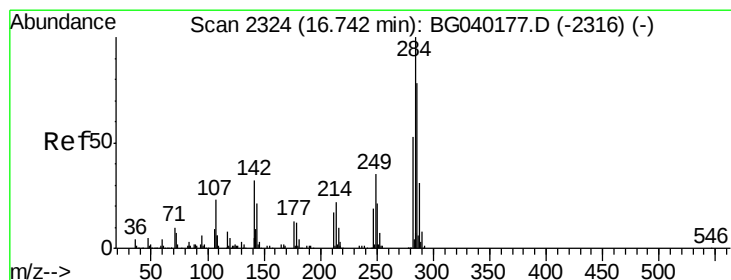
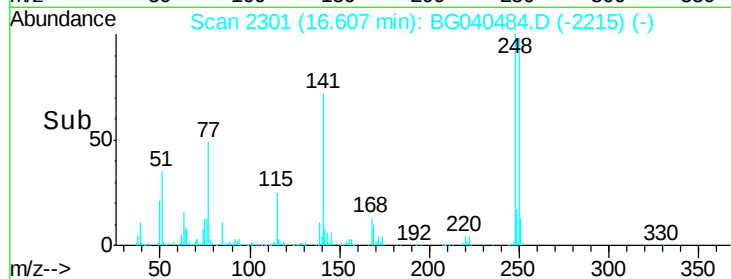
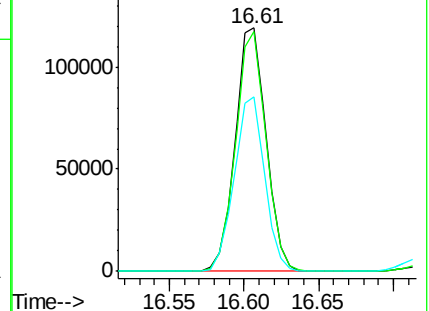
141 71.9 53.8 80.8



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.419 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

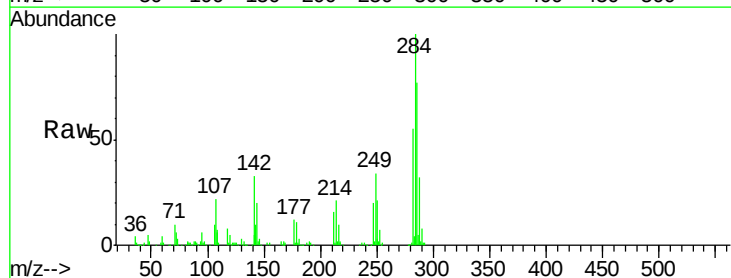
Tgt Ion:284 Resp: 176988

Ion Ratio Lower Upper

284 100

142 33.3 25.3 37.9

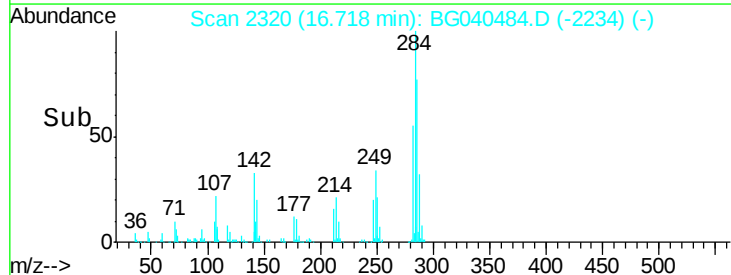
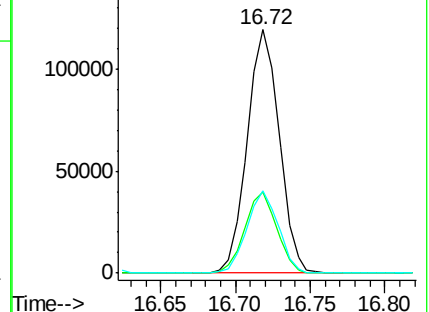
249 33.7 28.2 42.2

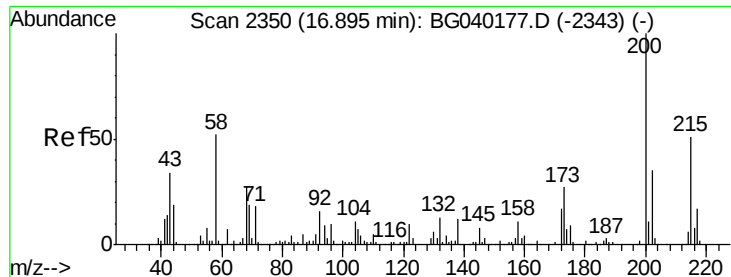


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

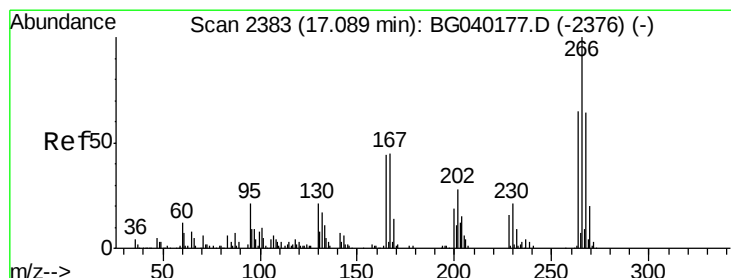
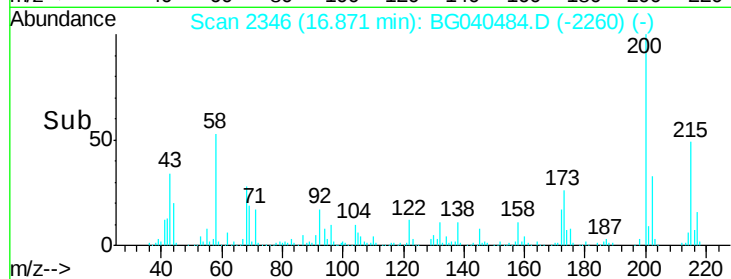
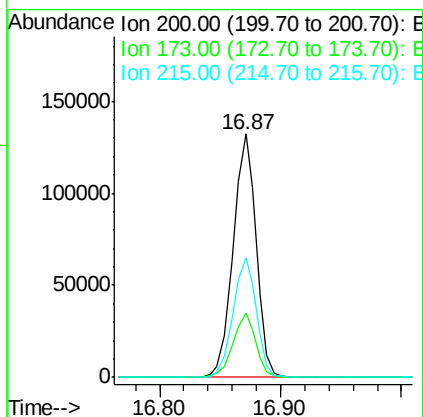
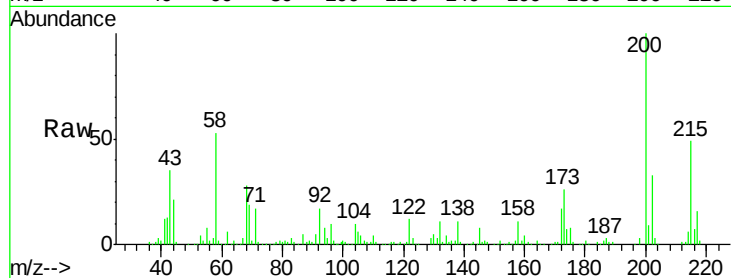




#69
 Atrazine
 Concen: 40.515 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

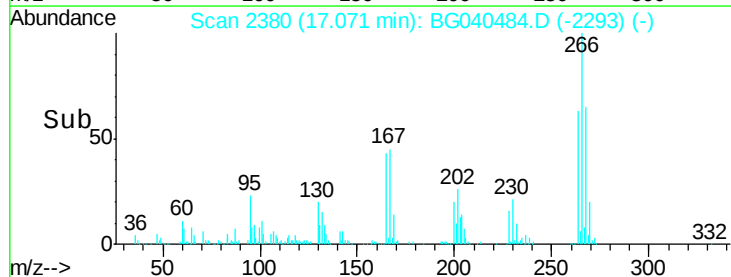
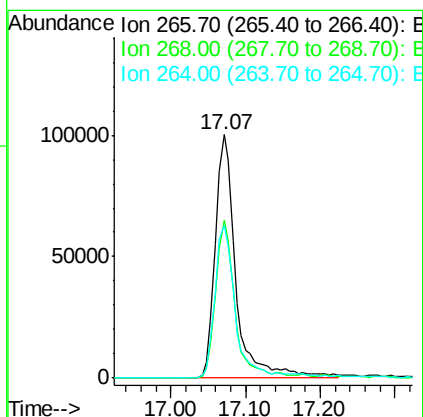
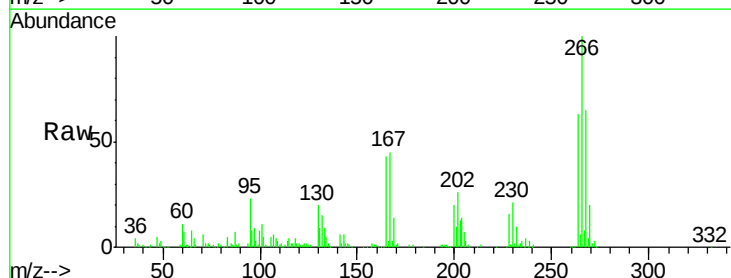
Instrument :
 BNA_G
 ClientSampleId :

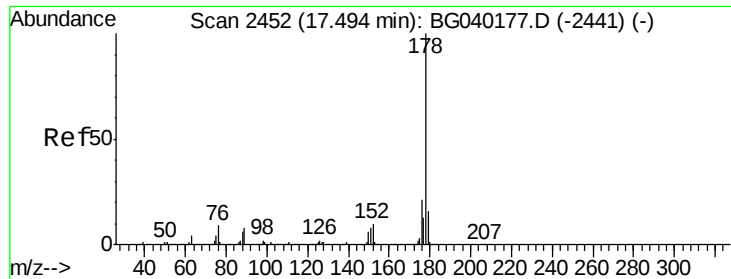
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	7.1	47.1
215	48.9	30.9	70.9



#70
 Pentachlorophenol
 Concen: 74.148 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	55.0	82.4
264	63.0	51.8	77.8

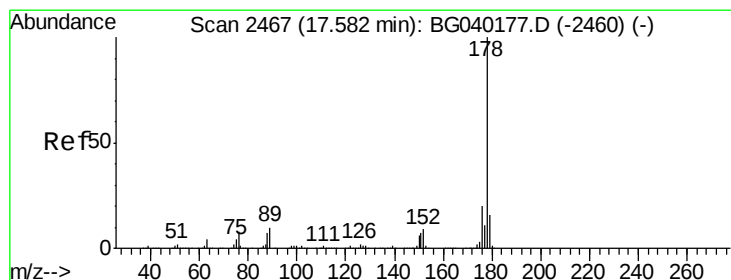
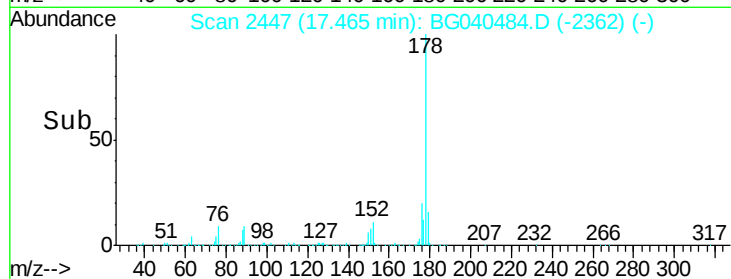
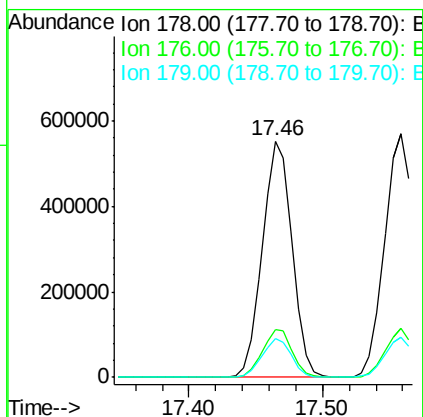
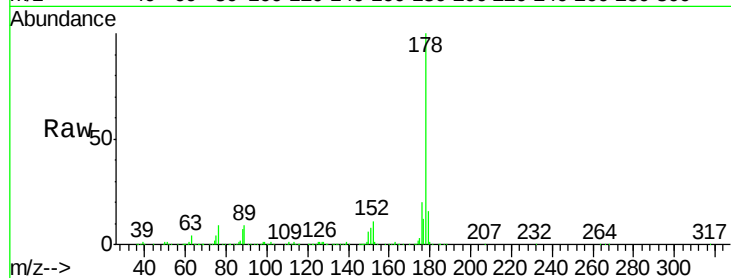




#71
Phenanthrene
Concen: 40.761 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

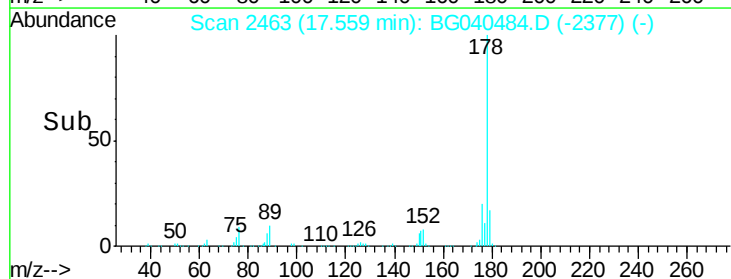
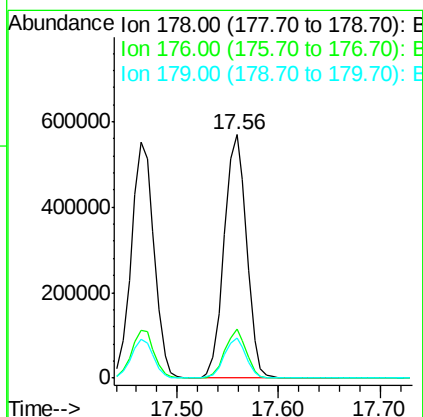
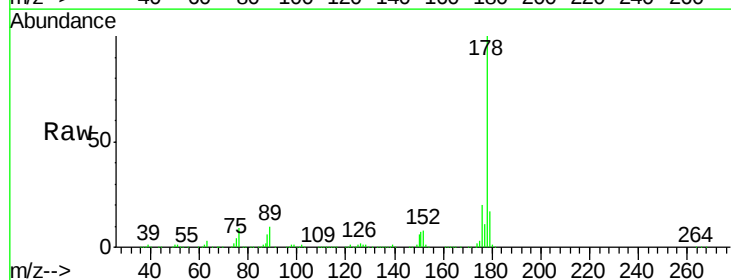
Instrument :
BNA_G
ClientSampleId :

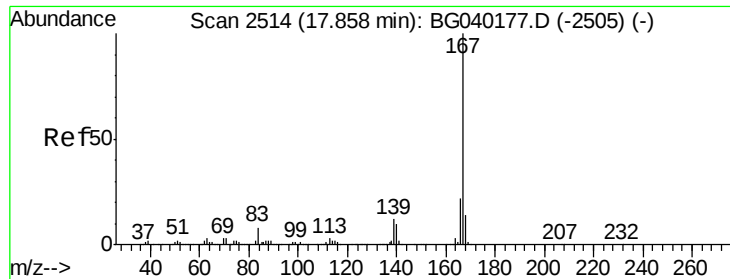
Tot Ion:178 Resp: 850166
Ion Ratio Lower Upper
178 100
176 20.3 16.7 25.1
179 16.4 12.8 19.2



#72
Anthracene
Concen: 41.810 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:178 Resp: 872849
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.6 12.9 19.3

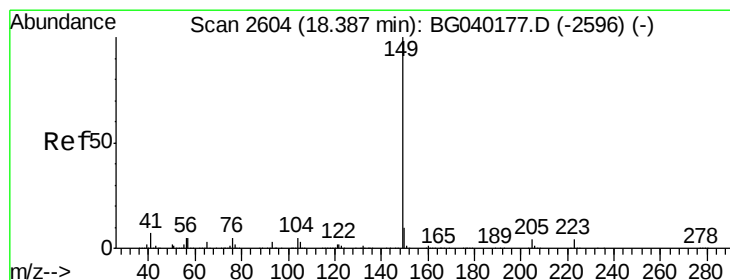
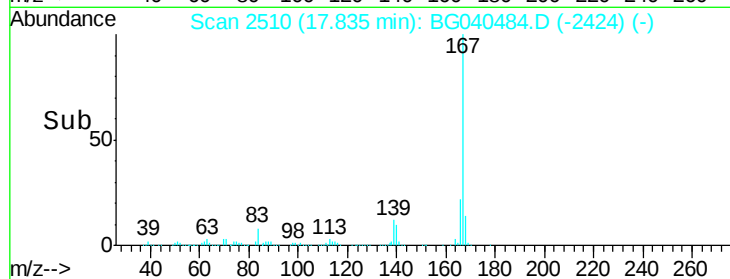
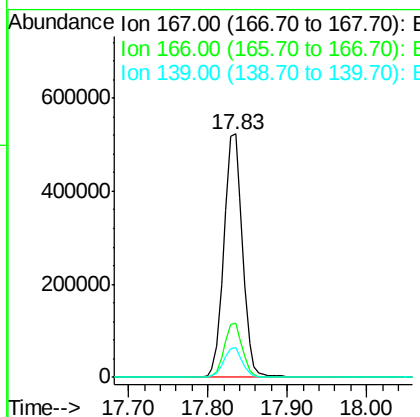
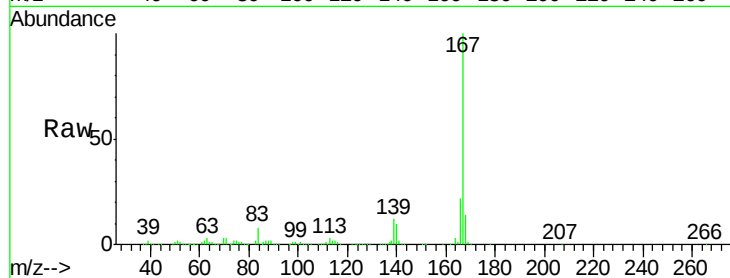




#73
 Carbazole
 Concen: 42.870 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

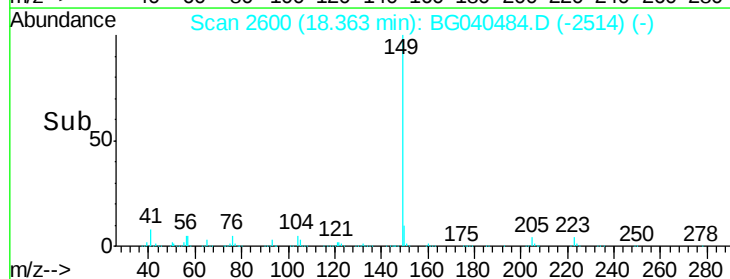
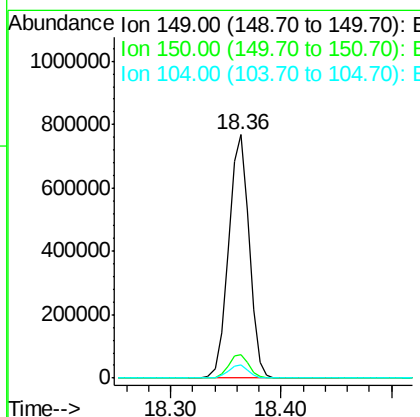
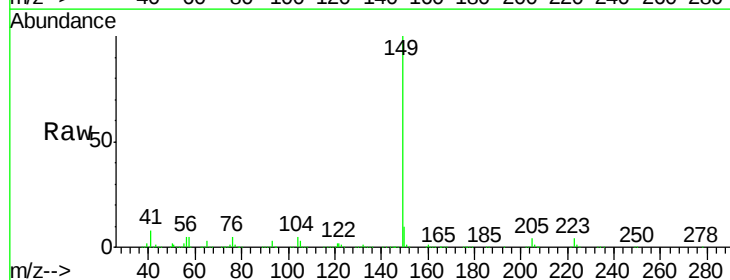
Instrument :
 BNA_G
 ClientSampleId :

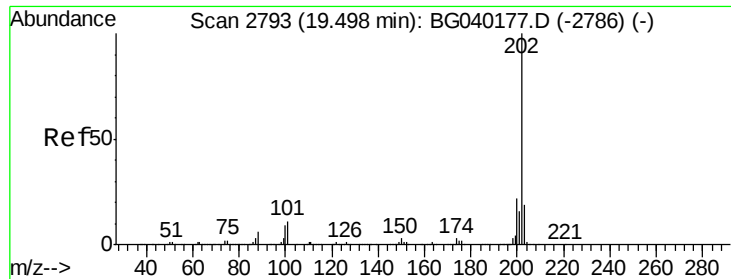
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	12.3	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 42.913 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040484.D
 Acq: 15 Apr 2019 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.4	4.1	6.1





#75

Fluoranthene

Concen: 44.242 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

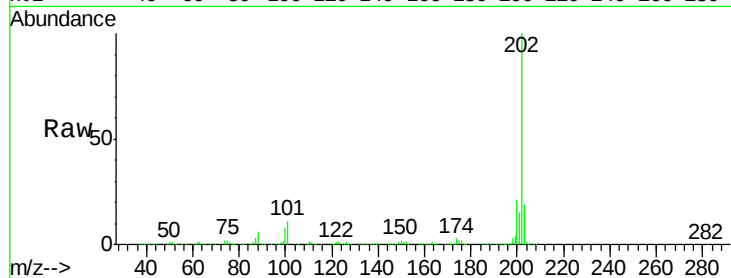
Tot Ion:202 Resp: 1092674

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

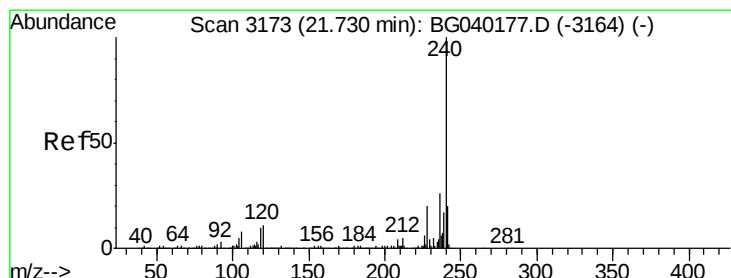
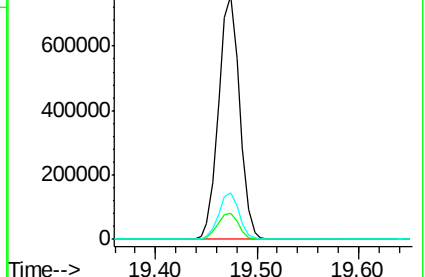
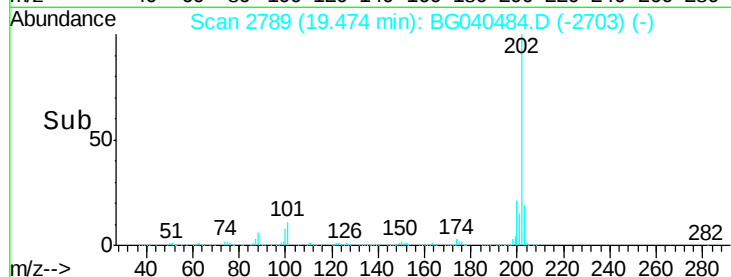
203 19.0 0.0 38.9



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. -0.03 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

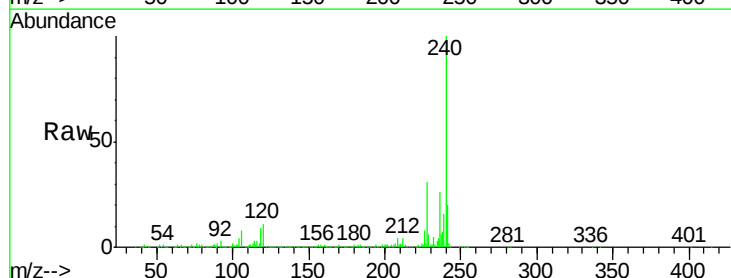
Tgt Ion:240 Resp: 423916

Ion Ratio Lower Upper

240 100

120 11.1 8.4 12.6

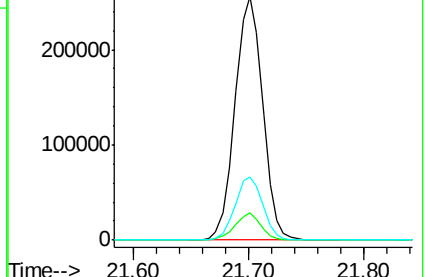
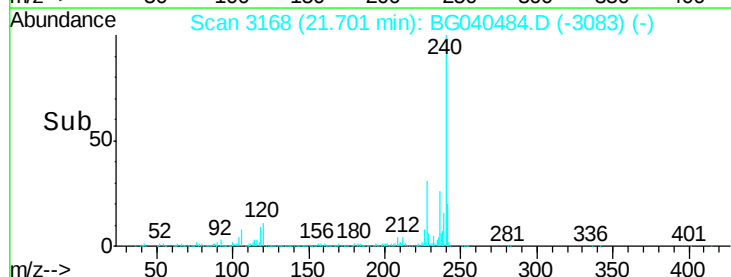
236 25.9 20.8 31.2

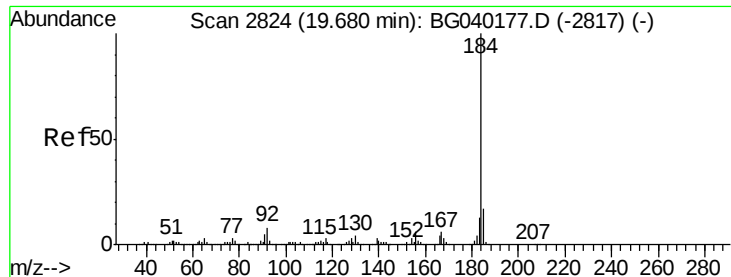


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.195 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

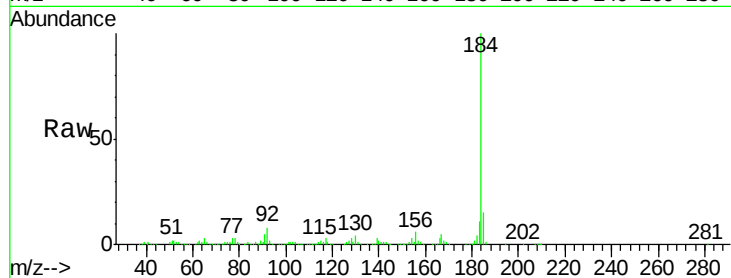
Tot Ion:184 Resp: 416300

Ion Ratio Lower Upper

184 100

185 14.7 13.3 19.9

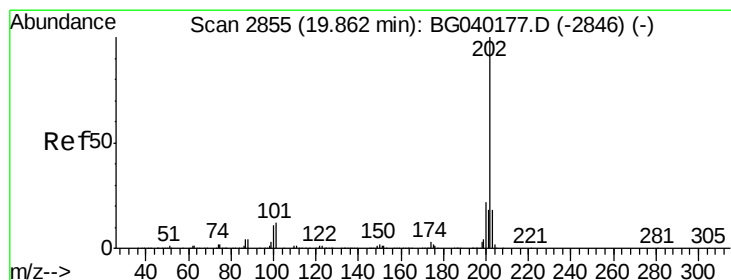
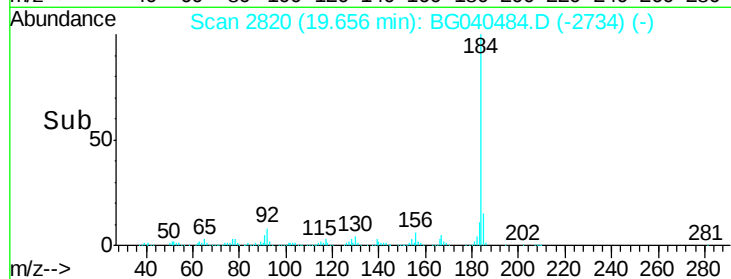
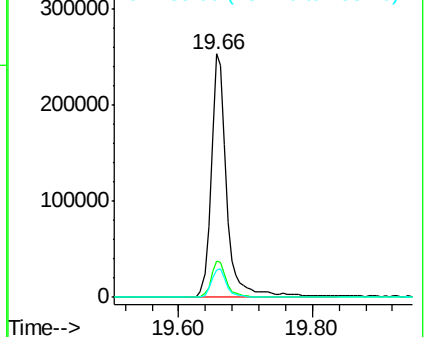
183 11.2 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.873 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

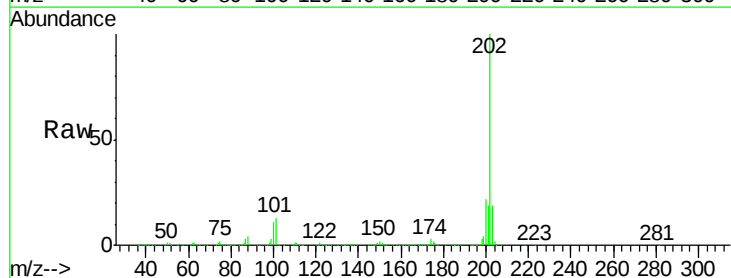
Tgt Ion:202 Resp: 1083683

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

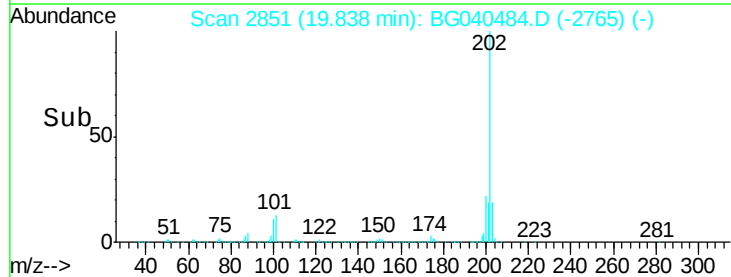
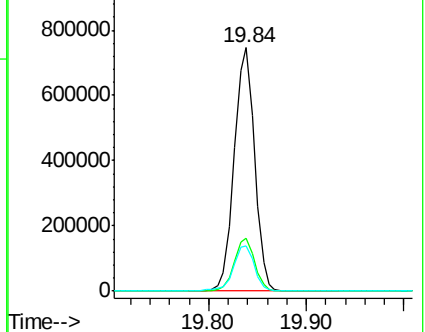
203 18.6 14.6 22.0



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: 82.886 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampled :

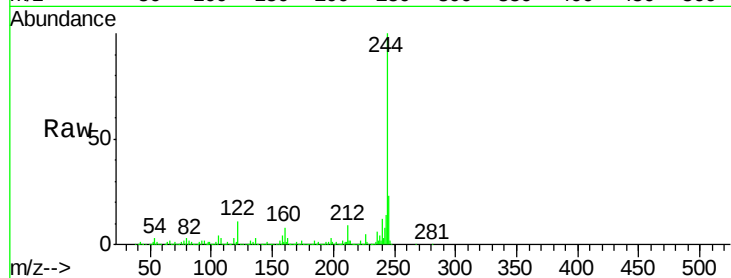
Tot Ion:244 Resp: 1561868

Ion Ratio Lower Upper

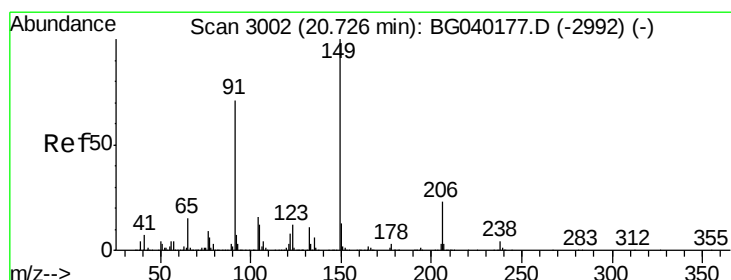
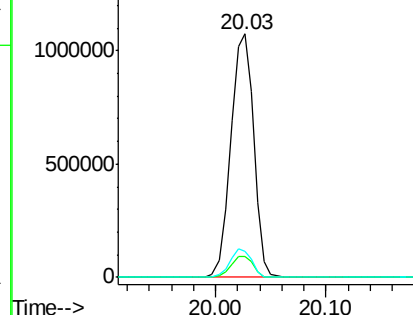
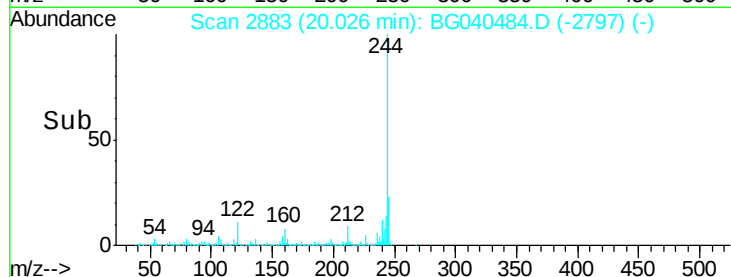
244 100

212 8.7 7.0 10.6

122 10.8 8.5 12.7



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: 41.737 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

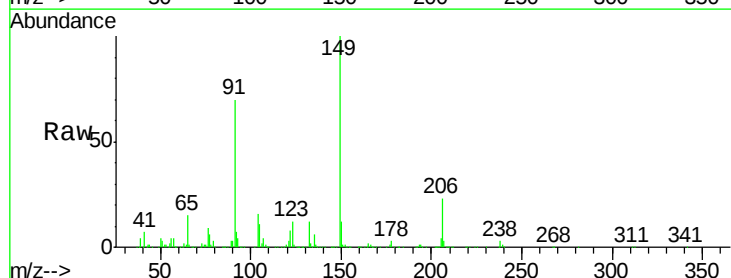
Tgt Ion:149 Resp: 497886

Ion Ratio Lower Upper

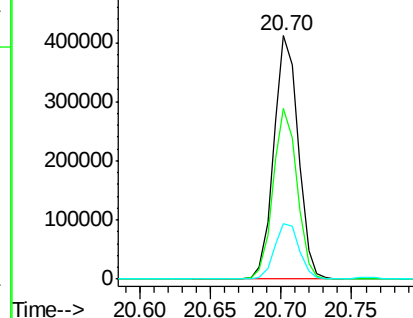
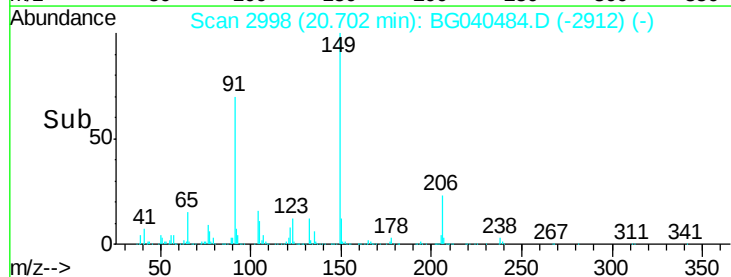
149 100

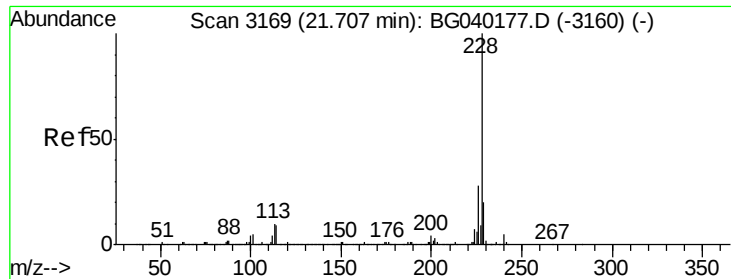
91 70.1 57.0 85.4

206 22.5 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.722 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

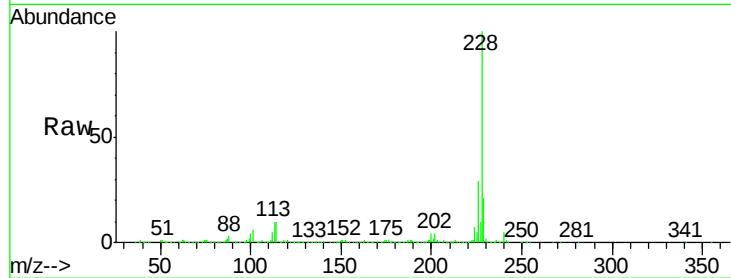
Tot Ion:228 Resp: 1011055

Ion Ratio Lower Upper

228 100

226 29.2 22.6 34.0

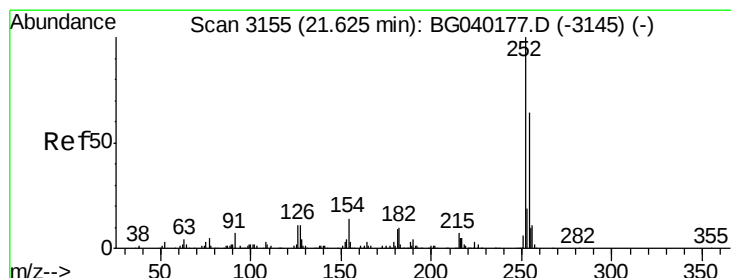
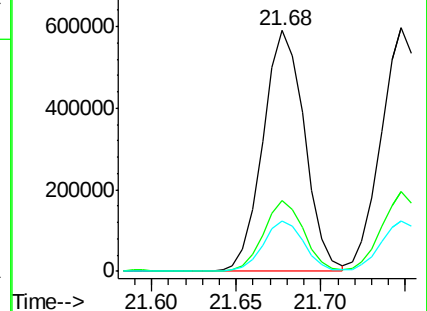
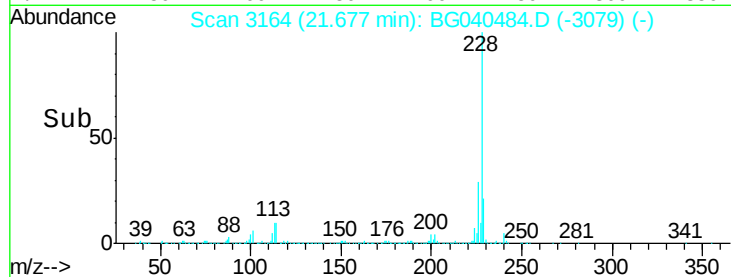
229 21.0 16.1 24.1



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: 29.691 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.03 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

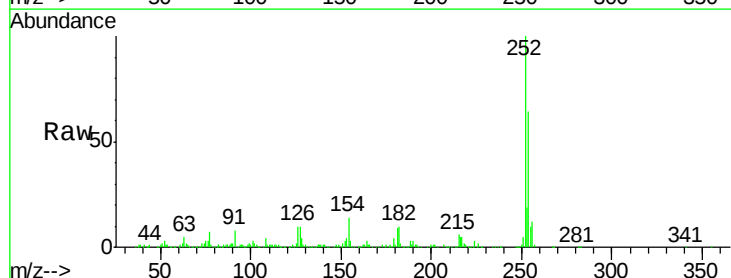
Tgt Ion:252 Resp: 294910

Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

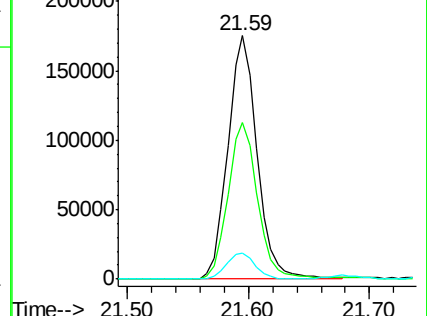
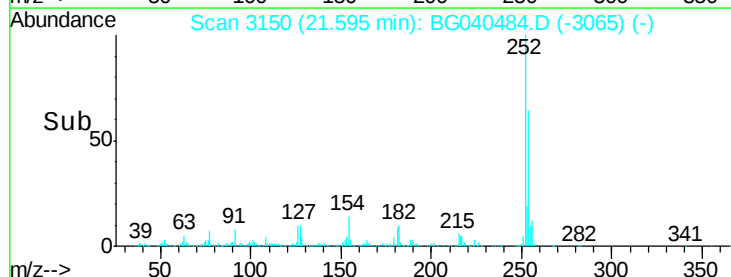
126 10.5 8.5 12.7



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

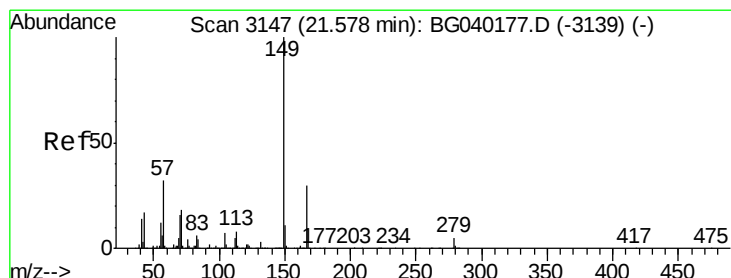
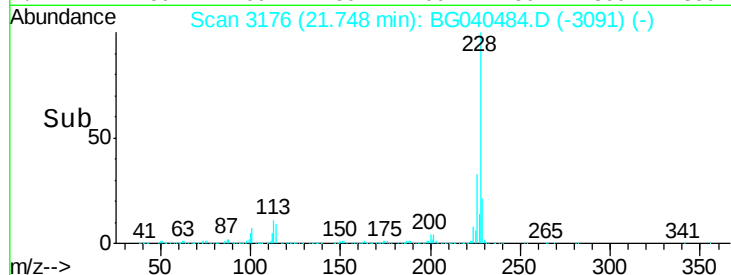
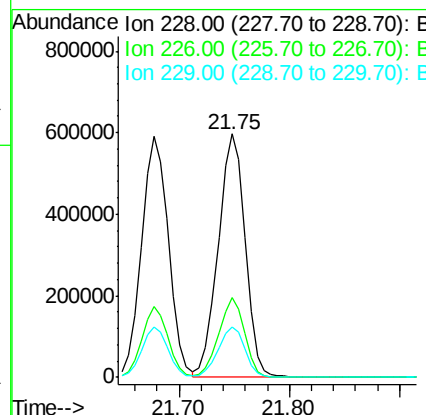
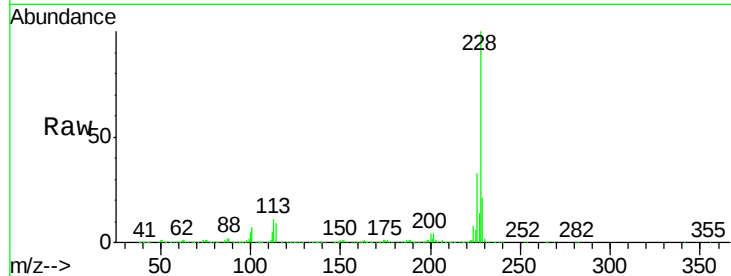




#83
Chrysene
Concen: 40.020 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.03 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

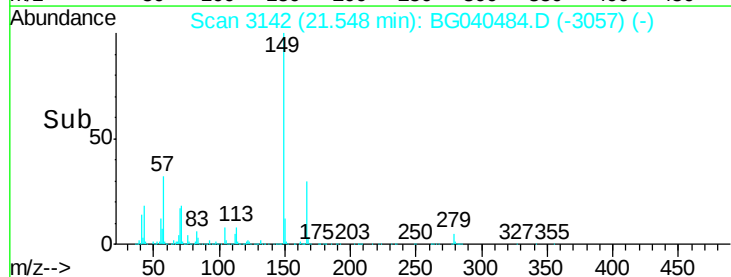
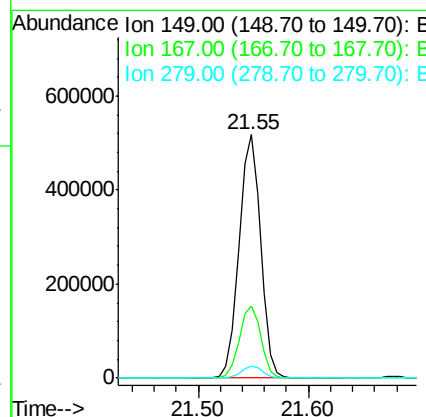
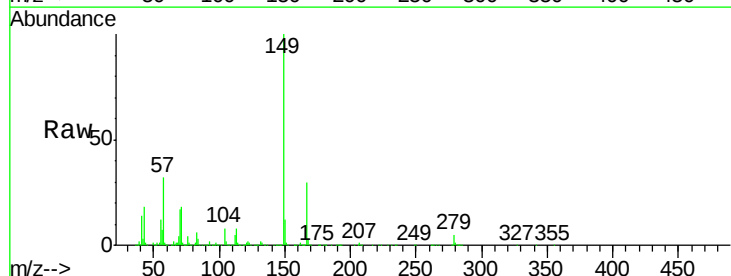
Instrument :
BNA_G
ClientSampleId :

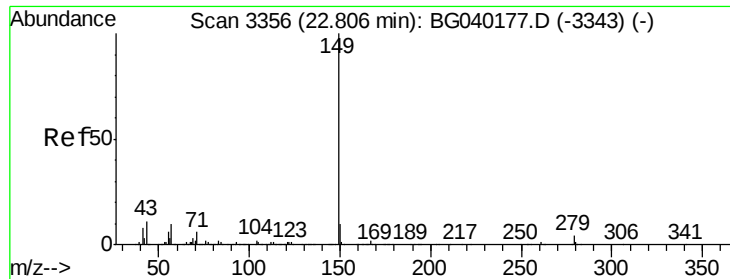
Tot Ion:228 Resp: 1004281
Ion Ratio Lower Upper
228 100
226 33.0 25.4 38.0
229 20.9 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.685 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.03 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:149 Resp: 710824
Ion Ratio Lower Upper
149 100
167 29.6 24.1 36.1
279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.812 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampleId :

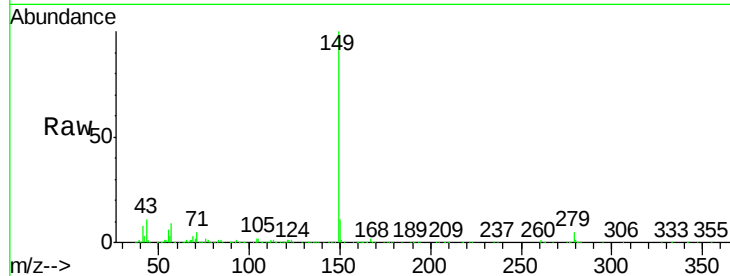
Tot Ion:149 Resp: 1214759

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

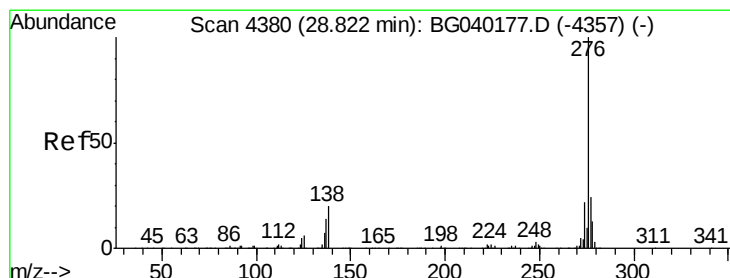
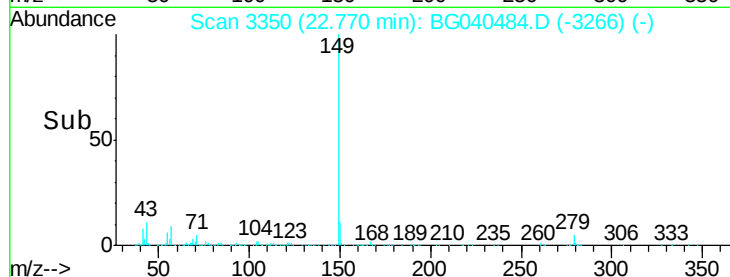
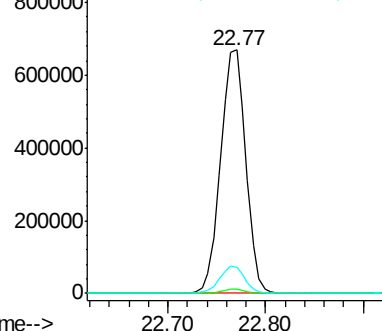
43 10.9 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.857 ng

RT: 28.76 min Scan# 4369

Delta R.T. -0.06 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

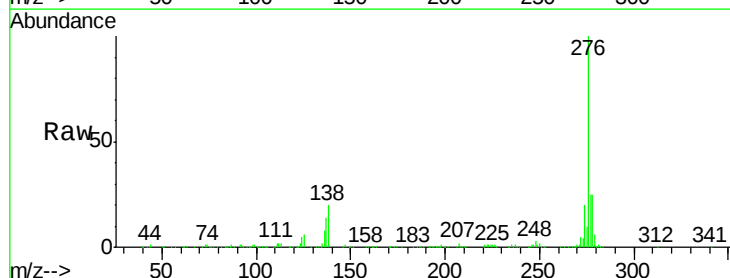
Tgt Ion:276 Resp: 1223277

Ion Ratio Lower Upper

276 100

138 23.3 18.8 28.2

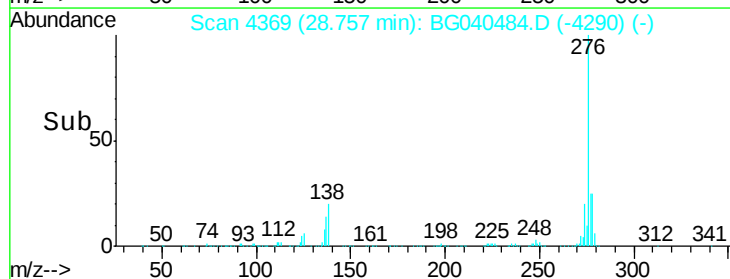
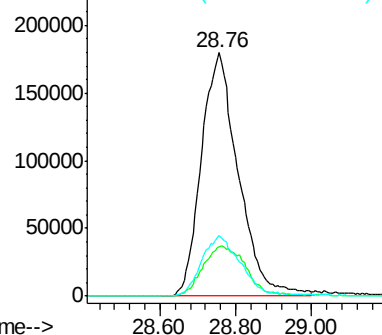
277 25.8 21.0 31.4

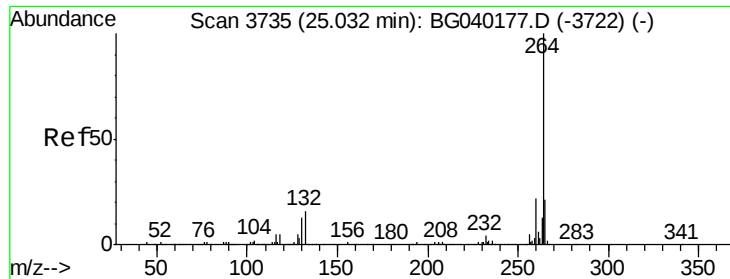


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



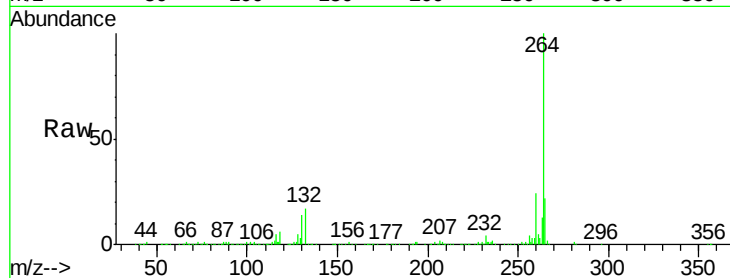


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.05 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

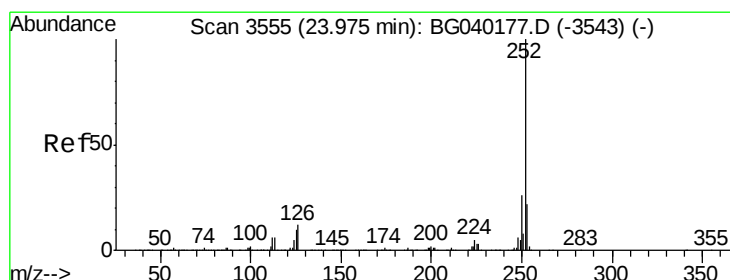
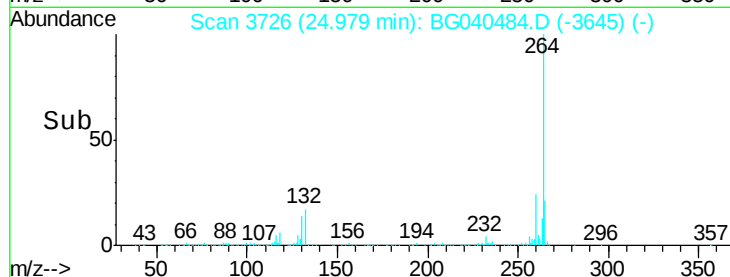
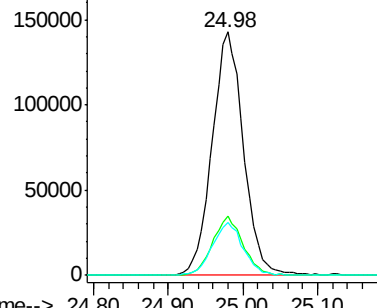
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 415691

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.9	26.9
265	21.6	16.8	25.2



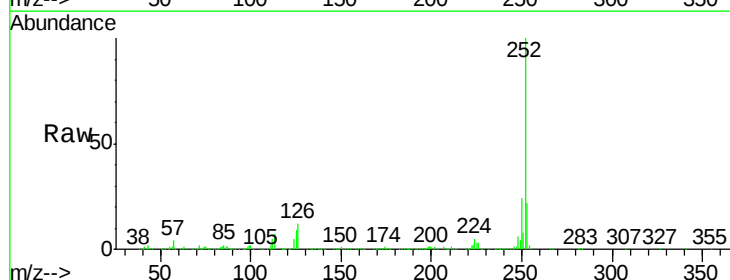
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



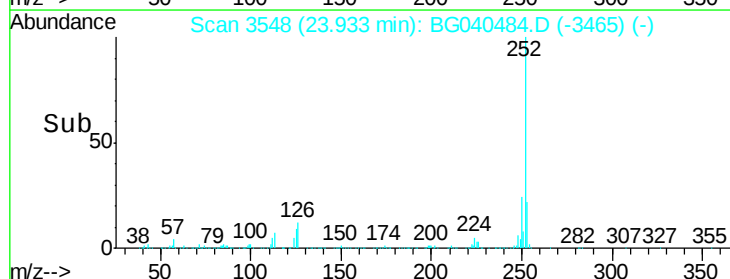
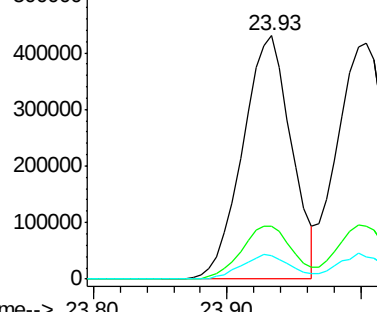
#88
Benzo(b)fluoranthene
Concen: 42.767 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.04 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:252 Resp: 1088442

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.4	8.2	12.4



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

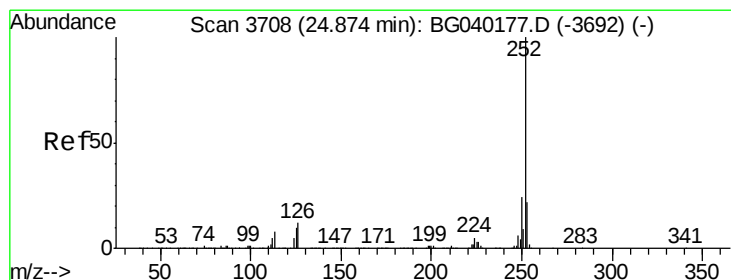
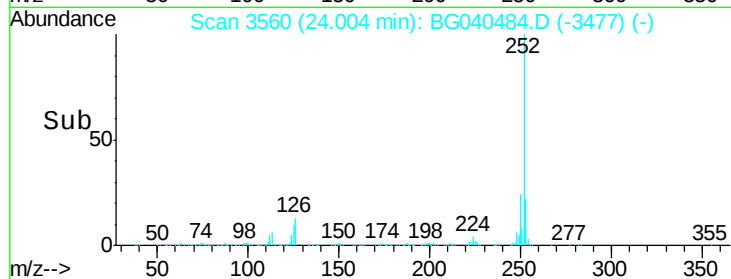
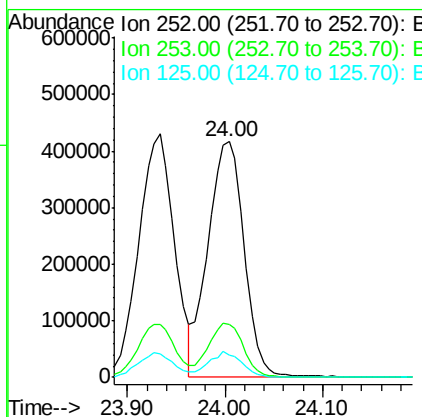
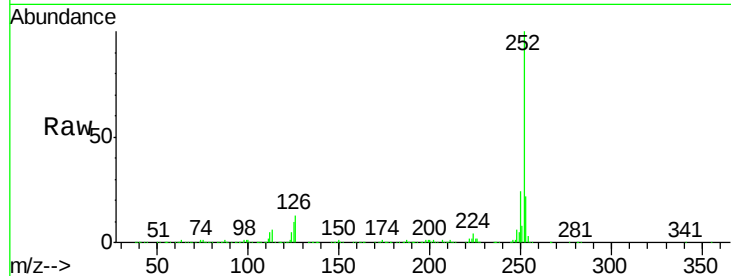




#89
Benzo(k)fluoranthene
Concen: 45.462 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.04 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

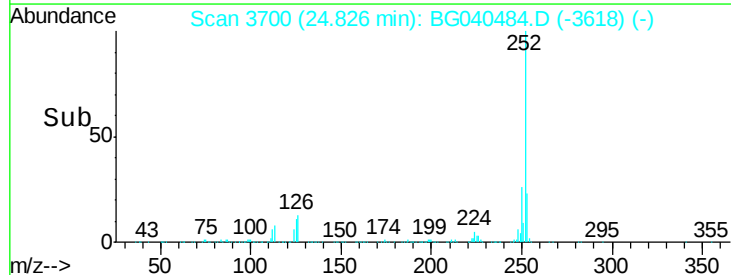
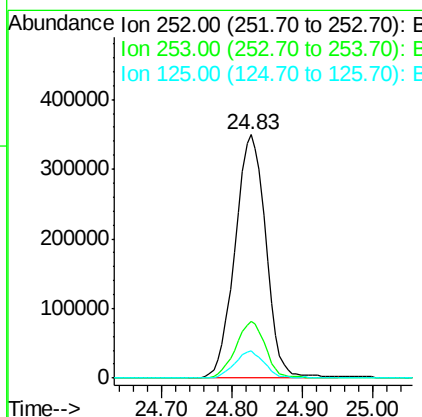
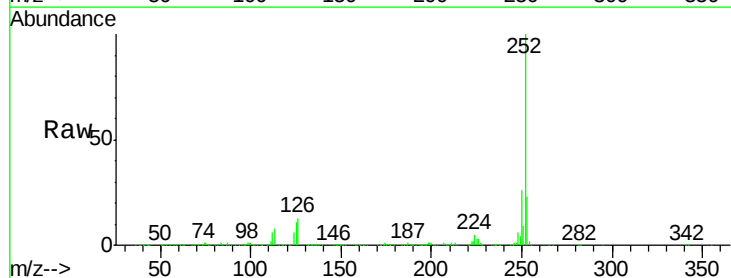
Instrument :
BNA_G
ClientSampled :

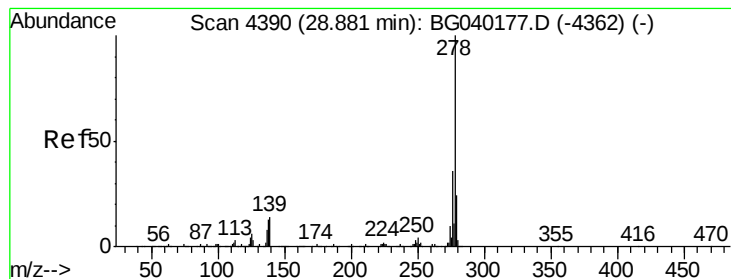
Tot Ion:252 Resp: 1064012
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.495 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.05 min
Lab File: BG040484.D
Acq: 15 Apr 2019 17:39

Tgt Ion:252 Resp: 1062486
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 11.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.989 ng

RT: 28.80 min Scan# 4377

Delta R.T. -0.08 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

Instrument :

BNA_G

ClientSampled :

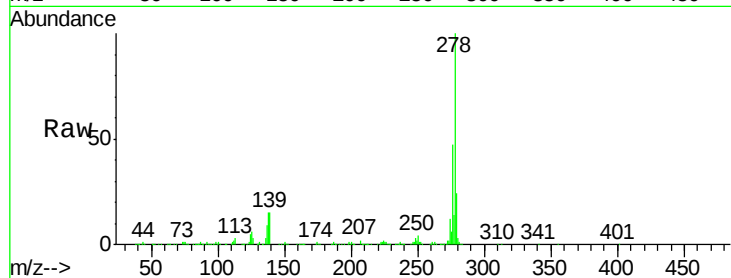
Tot Ion:278 Resp: 997756

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

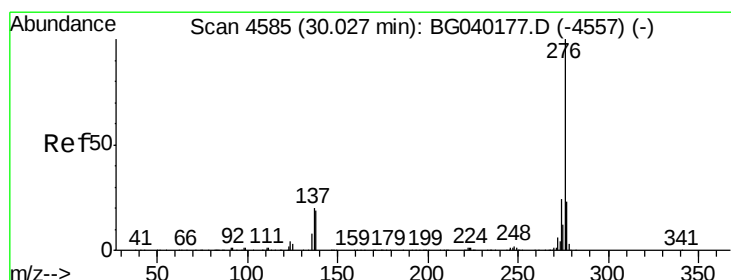
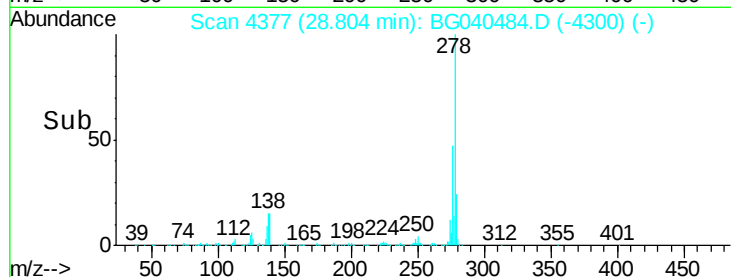
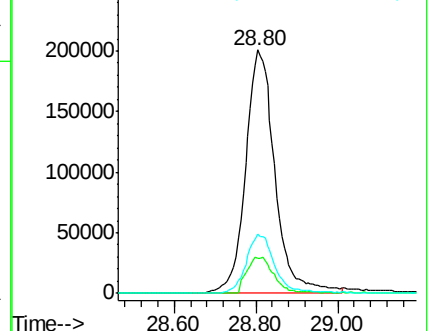
279 24.4 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.356 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.09 min

Lab File: BG040484.D

Acq: 15 Apr 2019 17:39

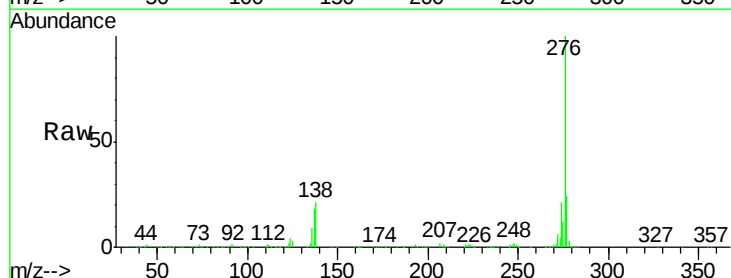
Tgt Ion:276 Resp: 988185

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 21.3 15.2 22.8



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

