

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040400.D
 Acq On : 9 Apr 2019 15:44
 Operator : JU/SJ
 Sample : K2317-16MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:51:16 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	8.05	152	48612	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	192849	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	121802	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	331580	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	361939	20.00	ng	-0.03
87) Perylene-d12	24.98	264	381967	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	414222	141.65	ng	-0.02
7) Phenol-d6	7.21	99	568097	140.57	ng	-0.02
23) Nitrobenzene-d5	9.22	82	328308	90.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	218632	166.09	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	704643	85.72	ng	-0.02
79) Terphenyl-d14	20.03	244	1288630	80.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	61154	44.476	ng	97
3) Pyridine	3.90	79	144280	38.972	ng	96
4) n-Nitrosodimethylamine	3.82	42	74040	43.235	ng	# 91
6) Aniline	7.38	93	175617	33.448	ng	96
8) 2-Chlorophenol	7.61	128	147742	43.161	ng	96
9) Benzaldehyde	7.19	77	72871	26.287	ng	97
10) Phenol	7.23	94	210032	47.882	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	145273	41.350	ng	97
12) 1,3-Dichlorobenzene	7.94	146	159515	42.868	ng	97
13) 1,4-Dichlorobenzene	8.08	146	162422	43.826	ng	100
14) 1,2-Dichlorobenzene	8.40	146	154956	43.722	ng	99
15) Benzyl Alcohol	8.29	79	132985	40.860	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	276062	40.942	ng	99
17) 2-Methylphenol	8.49	107	135371	44.598	ng	97
18) Hexachloroethane	9.12	117	58977	41.836	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	115242	39.773	ng	97
20) 3+4-Methylphenols	8.82	107	181256	44.080	ng	96
22) Acetophenone	8.88	105	227330	47.256	ng	# 98
24) Nitrobenzene	9.26	77	171390	45.618	ng	99
25) Isophorone	9.78	82	330778	44.309	ng	99
26) 2-Nitrophenol	9.97	139	80758	45.363	ng	95
27) 2,4-Dimethylphenol	10.02	122	150741	53.307	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	199722	45.221	ng	97
29) 2,4-Dichlorophenol	10.50	162	150028	48.879	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	155004	45.991	ng	99
31) Naphthalene	10.92	128	467676	47.312	ng	99
32) Benzoic acid	10.02	122	150741	88.228	ng	# 16
33) 4-Chloroaniline	11.03	127	154618	36.670	ng	97
34) Hexachlorobutadiene	11.17	225	91994	42.679	ng	98
35) Caprolactam	11.81	113	35368	29.036	ng	94
36) 4-Chloro-3-methylphenol	12.14	107	179490	50.867	ng	99
37) 2-Methylnaphthalene	12.51	142	345226	47.222	ng	99
38) 1-Methylnaphthalene	12.73	142	331600	46.775	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	175013	45.208	ng	99

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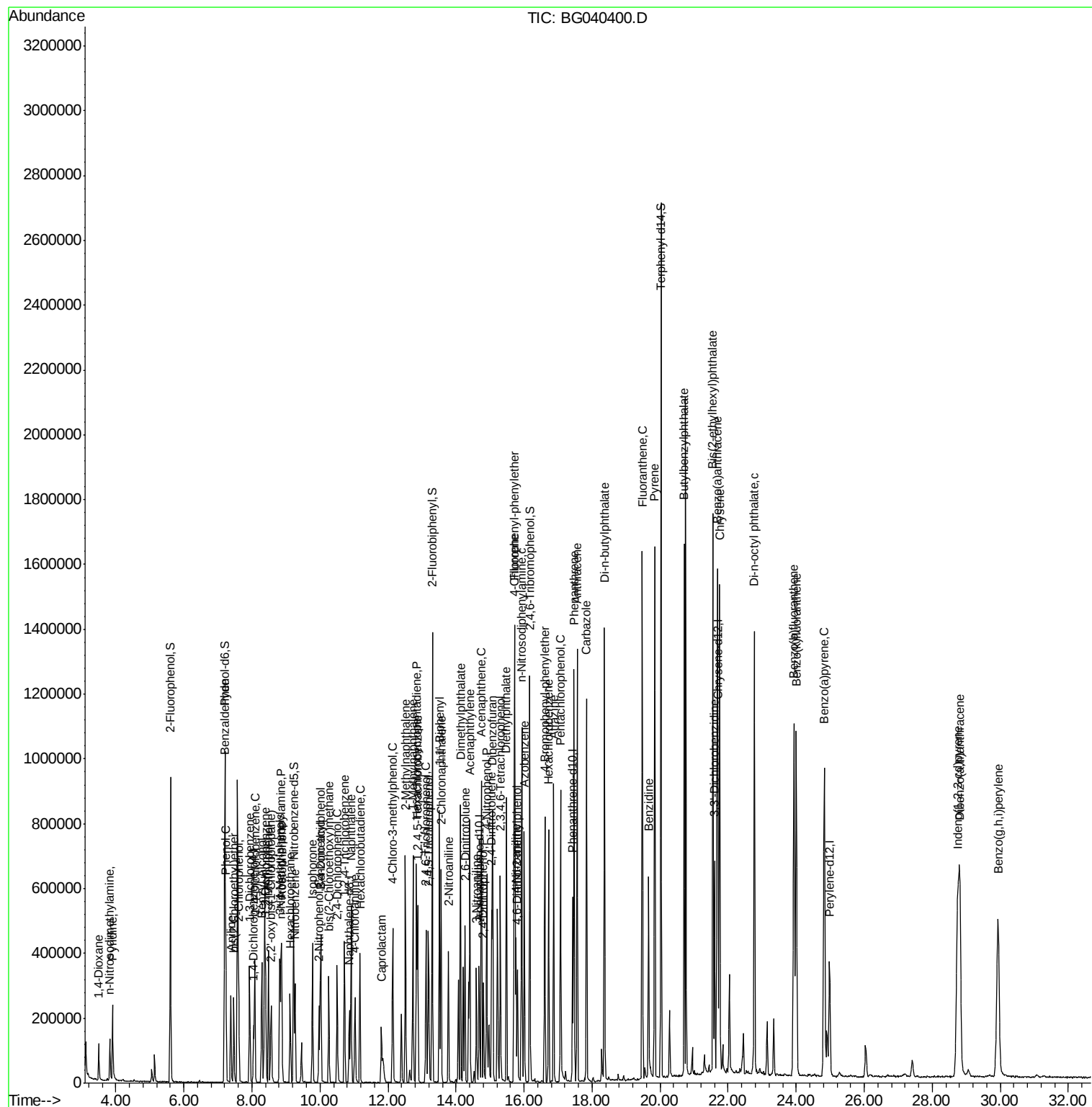
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	205286	96.577	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	123396	49.439	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	139896	51.423	ng	98
46) 1,1'-Biphenyl	13.51	154	448760	46.630	ng	100
47) 2-Chloronaphthalene	13.56	162	350023	47.415	ng	100
48) 2-Nitroaniline	13.78	65	123961	49.782	ng	98
49) Acenaphthylene	14.41	152	586028	46.821	ng	99
50) Dimethylphthalate	14.13	163	569910	59.785	ng	99
51) 2,6-Dinitrotoluene	14.26	165	106715	49.857	ng	97
52) Acenaphthene	14.75	154	343543	47.900	ng	99
53) 3-Nitroaniline	14.60	138	97501	43.033	ng	# 92
54) 2,4-Dinitrophenol	14.80	184	78760	69.189	ng	89
55) Dibenzofuran	15.07	168	573583	49.771	ng	99
56) 4-Nitrophenol	14.90	139	192106	105.055	ng	97
57) 2,4-Dinitrotoluene	15.05	165	156276	52.545	ng	99
58) Fluorene	15.73	166	453803	50.085	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	136025	55.099	ng	99
60) Diethylphthalate	15.48	149	499668	51.223	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	240158	49.586	ng	95
62) 4-Nitroaniline	15.76	138	130764	53.779	ng	98
63) Azobenzene	16.00	77	461780	50.187	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	82230	44.142	ng	99
66) n-Nitrosodiphenylamine	15.93	169	438549	45.197	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	165274	44.292	ng	97
68) Hexachlorobenzene	16.72	284	168819	44.997	ng	97
69) Atrazine	16.87	200	171584	47.538	ng	98
70) Pentachlorophenol	17.07	266	189705	87.460	ng	98
71) Phenanthrene	17.47	178	820301	47.067	ng	98
72) Anthracene	17.56	178	841771	48.254	ng	99
73) Carbazole	17.84	167	812716	49.228	ng	100
74) Di-n-butylphthalate	18.37	149	978161	49.985	ng	99
75) Fluoranthene	19.48	202	1034228	50.114	ng	99
77) Benzidine	19.66	184	420599	32.180	ng	98
78) Pyrene	19.84	202	1046032	43.948	ng	98
80) Butylbenzylphthalate	20.70	149	484329	47.553	ng	98
81) Benzo(a)anthracene	21.68	228	986417	44.247	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	253336	29.873	ng	98
83) Chrysene	21.75	228	971660	45.351	ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	688798	47.310	ng	99
85) Di-n-octyl phthalate	22.77	149	1175370	47.384	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1233161	47.059	ng	99
88) Benzo(b)fluoranthene	23.93	252	1055551	45.137	ng	98
89) Benzo(k)fluoranthene	24.00	252	1028707	47.834	ng	99
90) Benzo(a)pyrene	24.83	252	1054049	48.039	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	989529	48.558	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1030526	49.206	ng	98

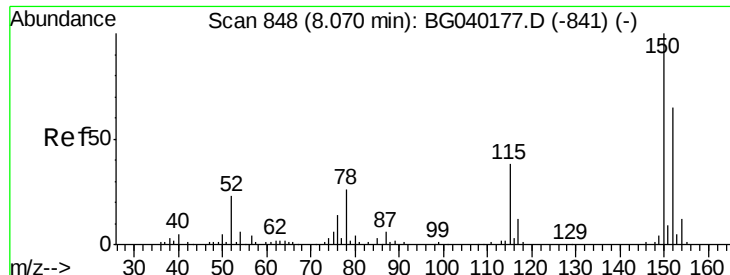
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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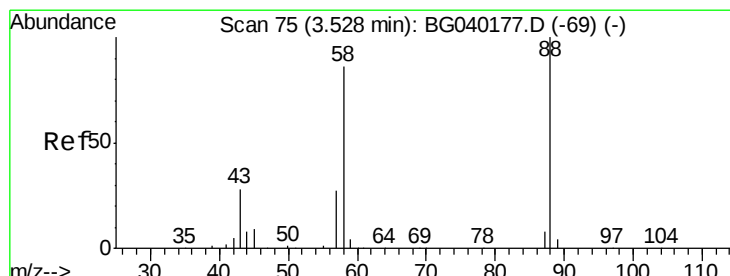
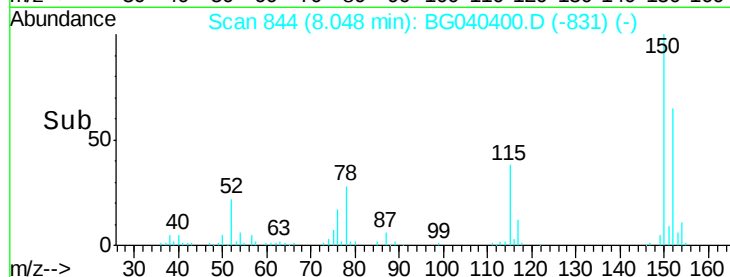
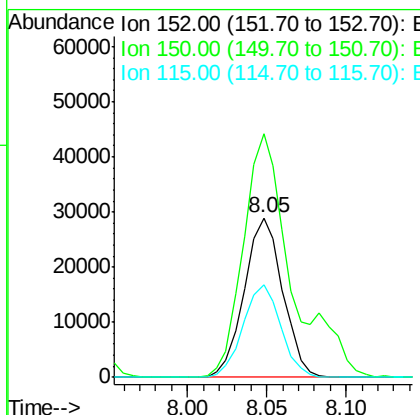
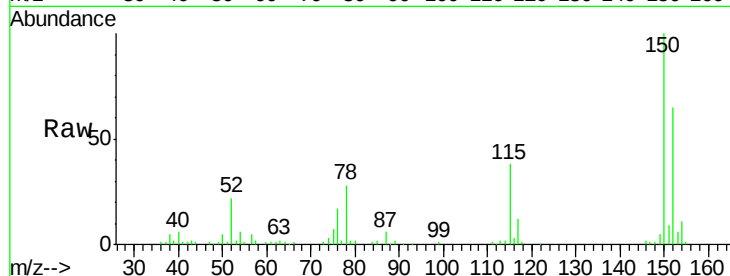




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

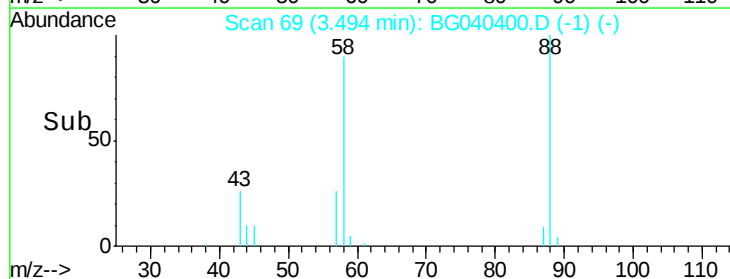
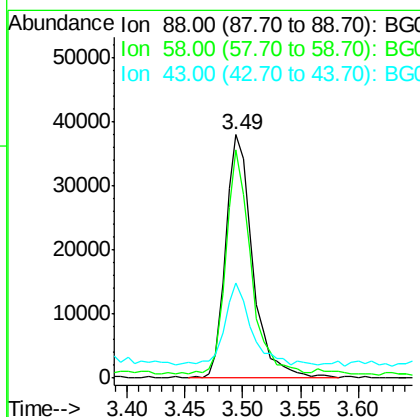
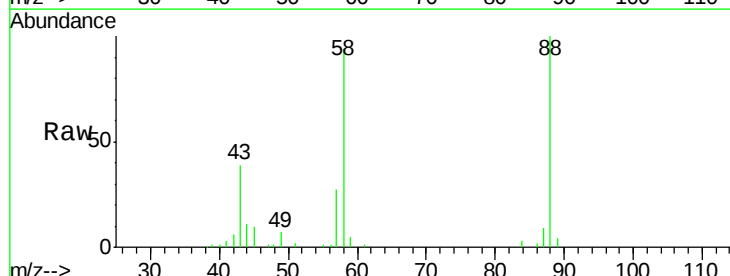
Instrument :
 BNA_G
 ClientSampled :

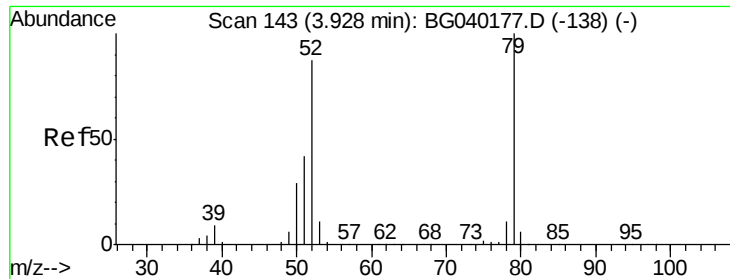
Tot Ion:152 Resp: 48612
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.7 185.5
 115 58.0 46.9 70.3



#2
 1,4-Dioxane
 Concen: 44.476 ng
 RT: 3.49 min Scan# 69
 Delta R.T. -0.03 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion: 88 Resp: 61154
 Ion Ratio Lower Upper
 88 100
 58 85.0 70.6 106.0
 43 31.4 24.8 37.2





#3

Pvridine

Concen: 38.972 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

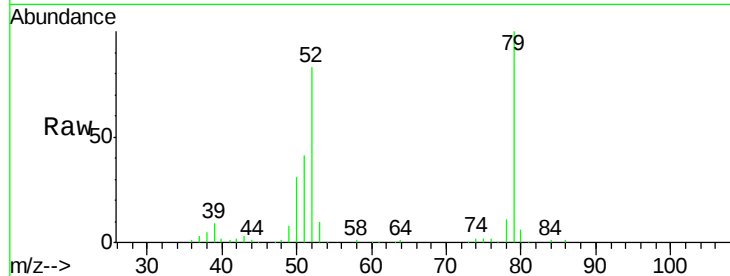
Tot Ion: 79 Resp: 144280

Ion Ratio Lower Upper

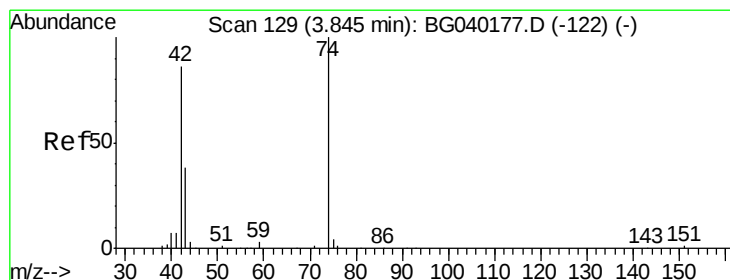
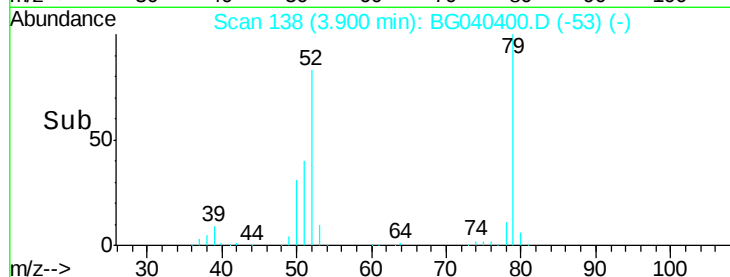
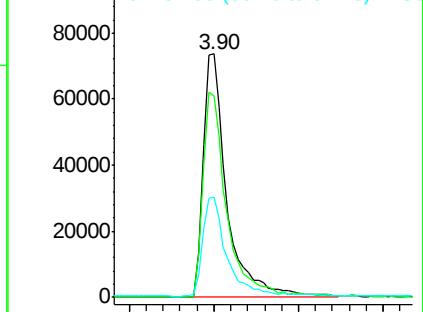
79 100

52 82.6 69.8 104.8

51 41.1 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.235 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

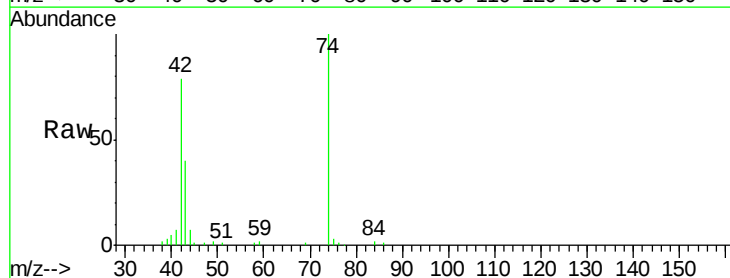
Tgt Ion: 42 Resp: 74040

Ion Ratio Lower Upper

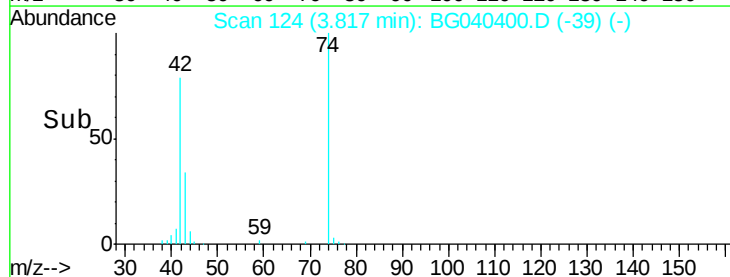
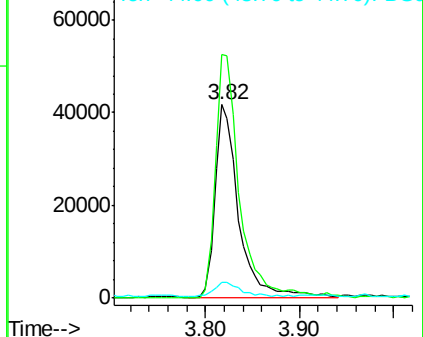
42 100

74 125.9 92.9 139.3

44 8.3 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.654 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

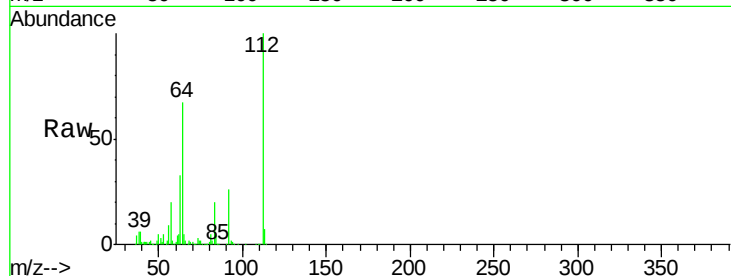
Tot Ion:112 Resp: 414222

Ion Ratio Lower Upper

112 100

64 67.1 54.2 81.2

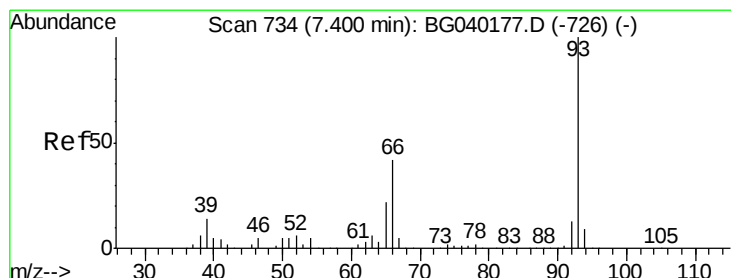
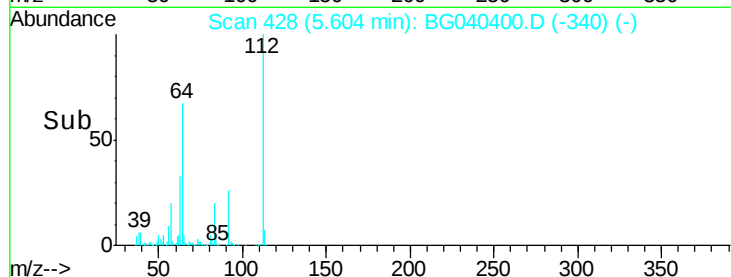
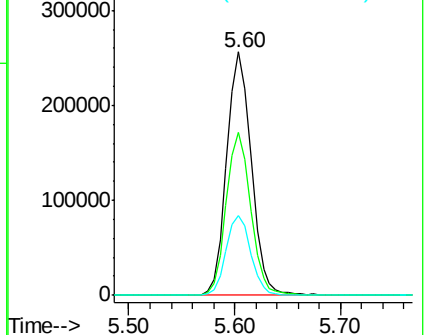
63 32.7 26.4 39.6



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: 33.448 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

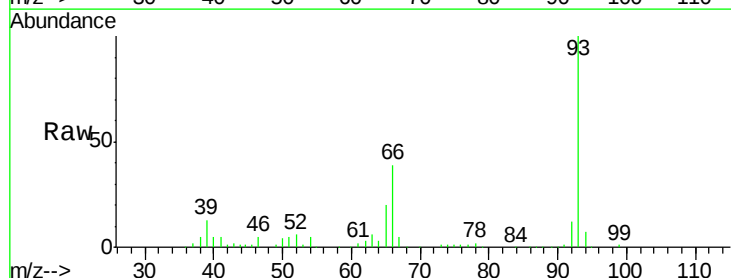
Tgt Ion: 93 Resp: 175617

Ion Ratio Lower Upper

93 100

66 39.2 33.6 50.4

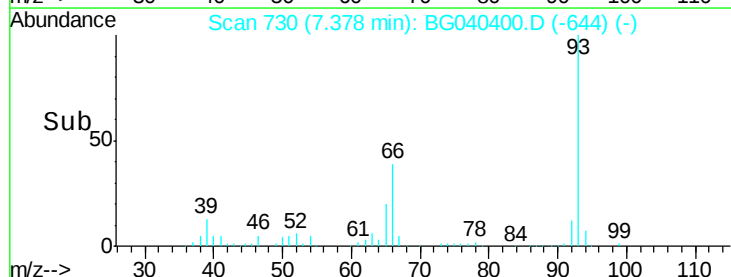
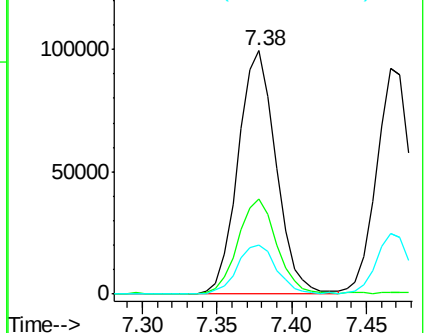
65 20.0 17.4 26.2



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: 140.574 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

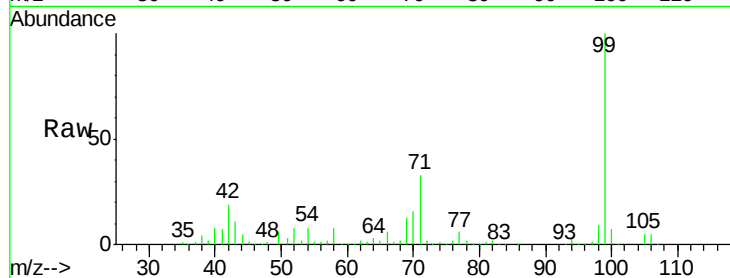
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 568097

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	32.5	26.8	40.2

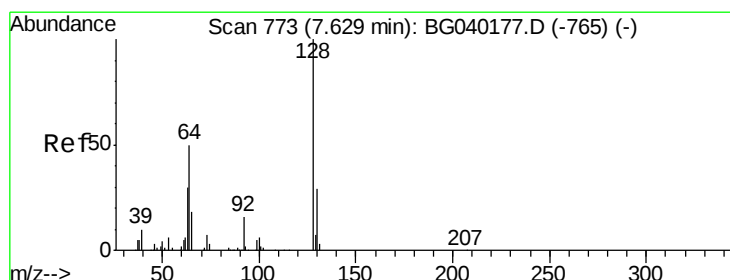
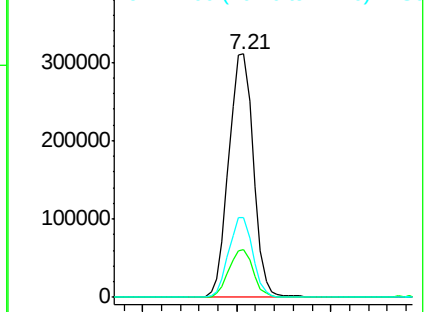
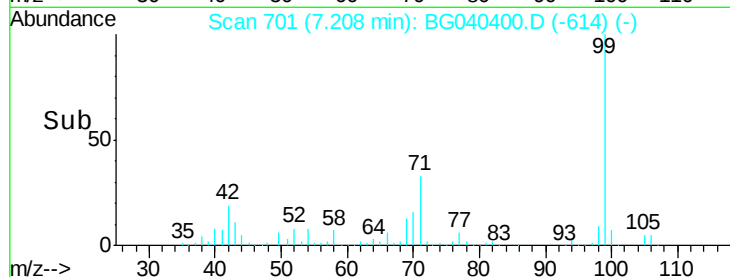


Abundance

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: 43.161 ng

RT: 7.61 min Scan# 770

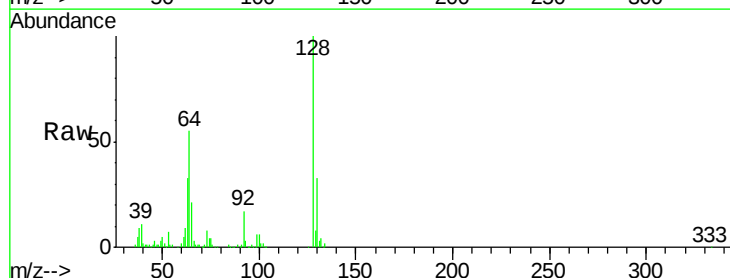
Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Tgt Ion: 128 Resp: 147742

Ion	Ratio	Lower	Upper
128	100		
130	32.5	9.1	49.1
64	55.0	33.1	73.1

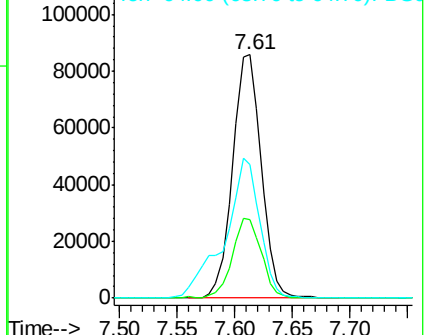
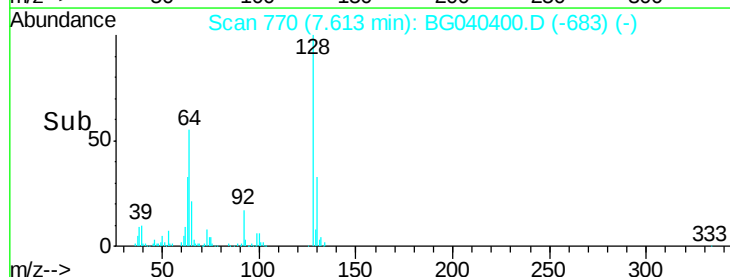


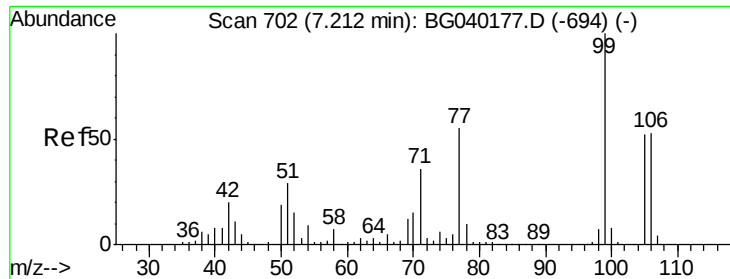
Abundance

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: 26.287 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040400.D

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ClientSampleId :

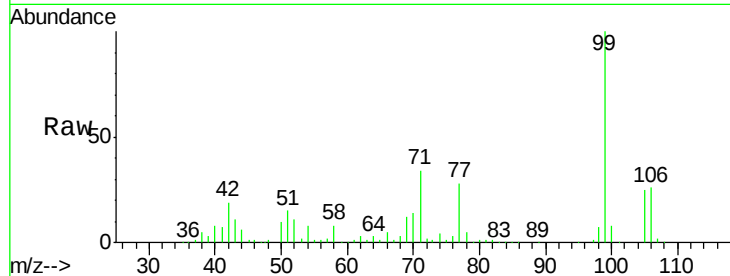
Tot Ion: 77 Resp: 72871

Ion Ratio Lower Upper

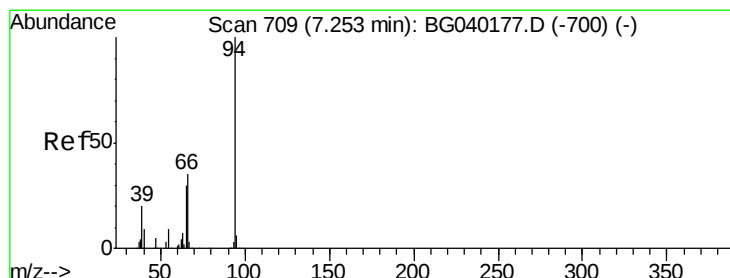
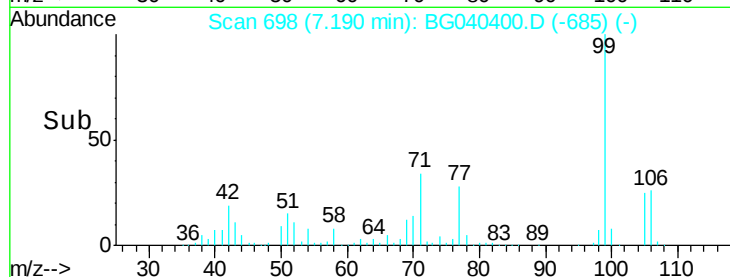
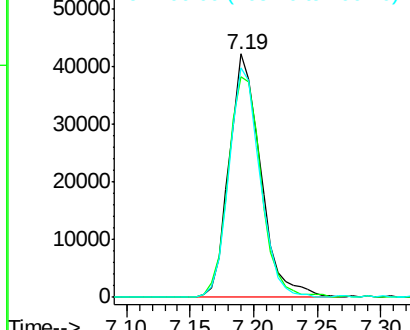
77 100

105 90.6 75.0 115.0

106 94.5 75.7 115.7



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



#10

Phenol

Concen: 47.882 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

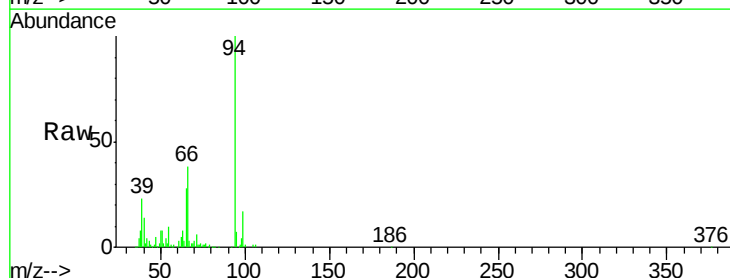
Tgt Ion: 94 Resp: 210032

Ion Ratio Lower Upper

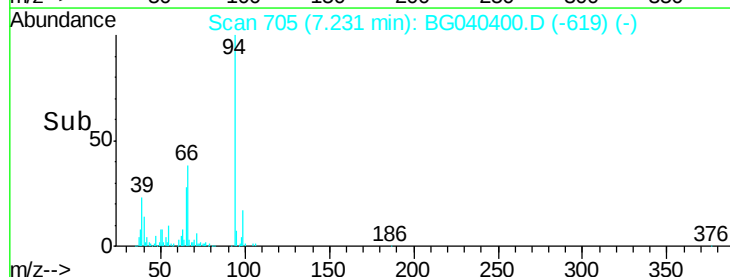
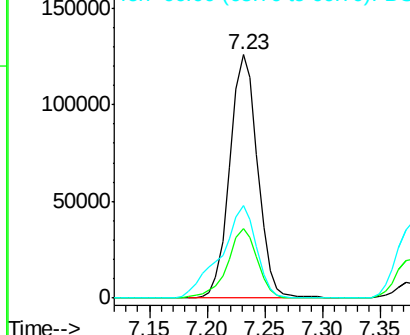
94 100

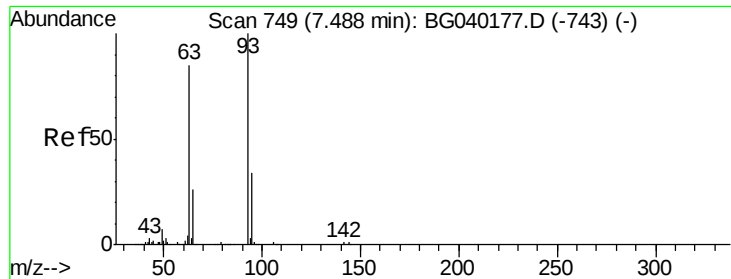
65 28.3 10.5 50.5

66 37.8 16.9 56.9



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

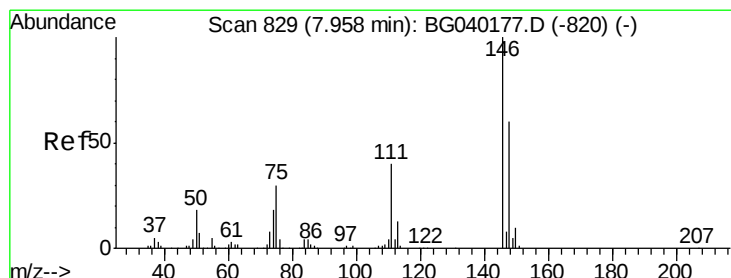
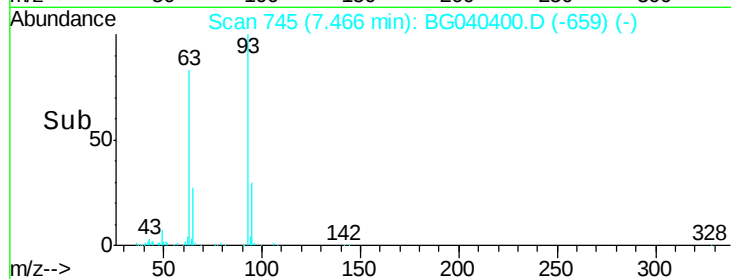
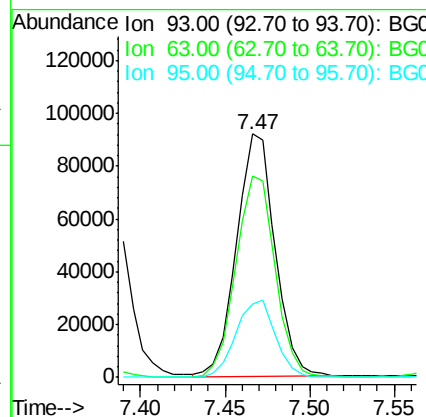
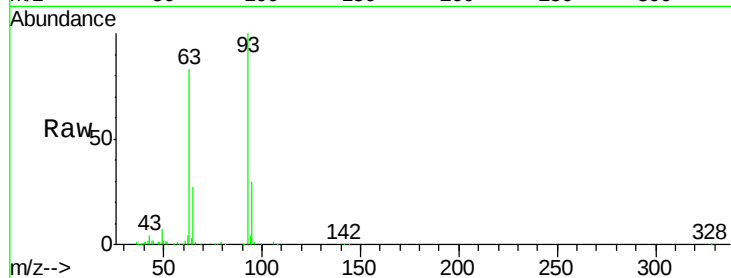




#11
bis(2-Chloroethyl)ether
Concen: 41.350 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

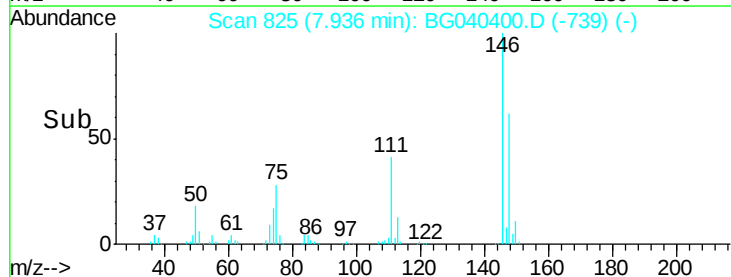
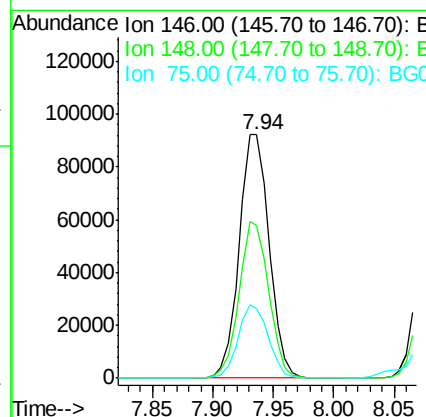
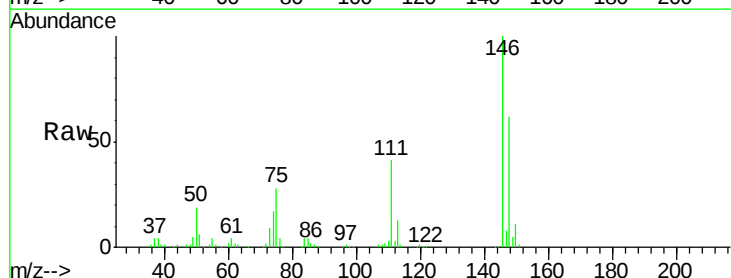
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 145273
Ion Ratio Lower Upper
93 100
63 82.9 64.2 104.2
95 30.3 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 42.868 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion: 146 Resp: 159515
Ion Ratio Lower Upper
146 100
148 62.5 48.2 72.2
75 28.4 24.1 36.1

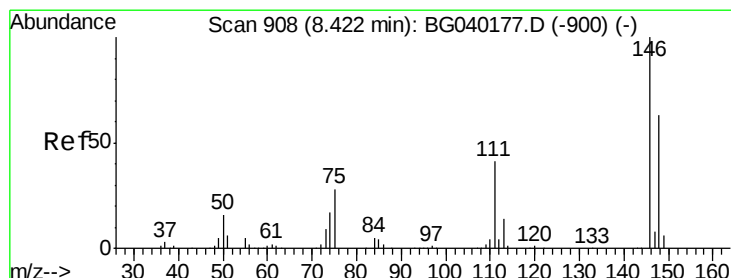
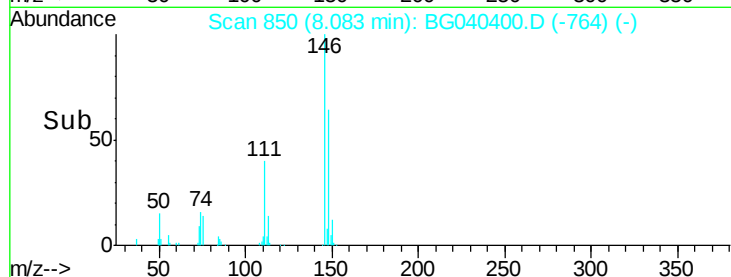
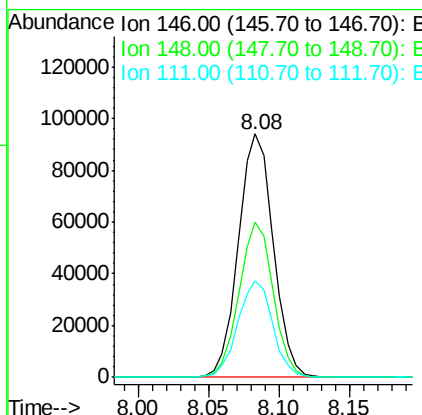
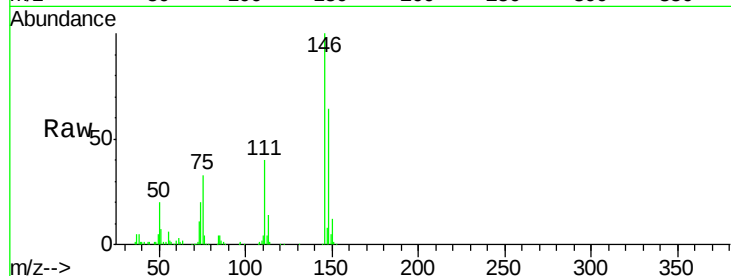




#13
 1,4-Dichlorobenzene
 Concen: 43.826 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

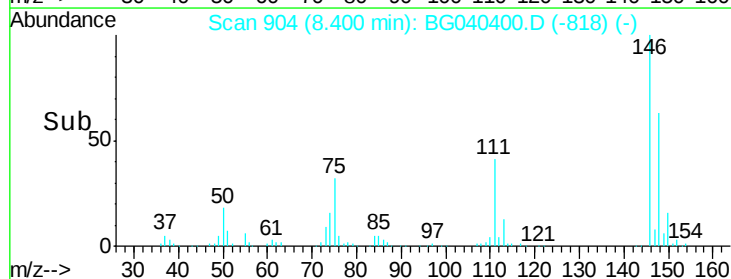
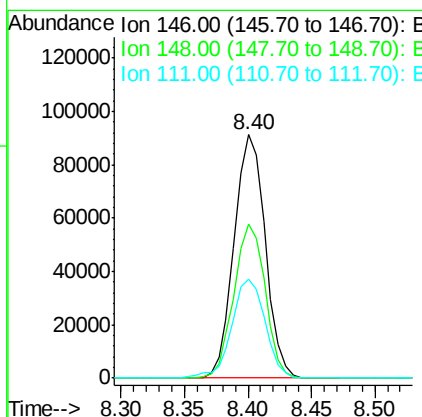
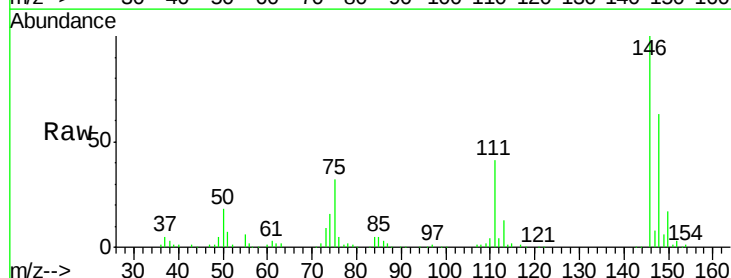
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 162422
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 39.8 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 43.722 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion:146 Resp: 154956
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 40.5 33.4 50.0





#15

Benzyl Alcohol

Concen: 40.860 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

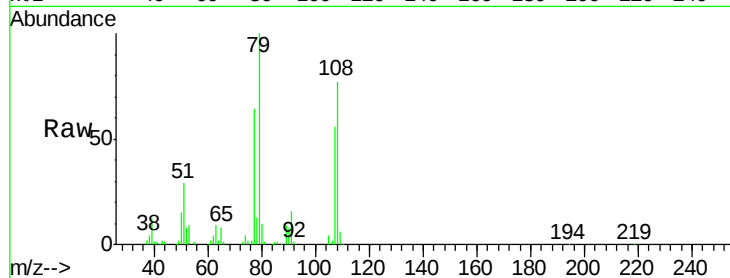
Tot Ion: 79 Resp: 132985

Ion Ratio Lower Upper

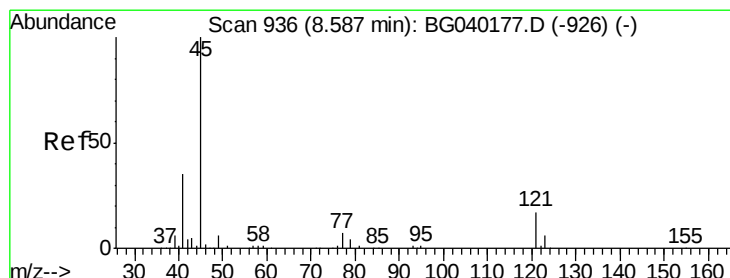
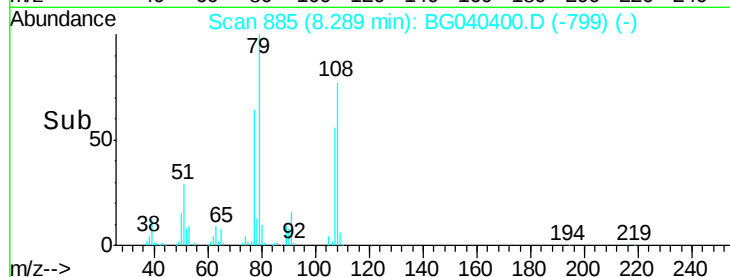
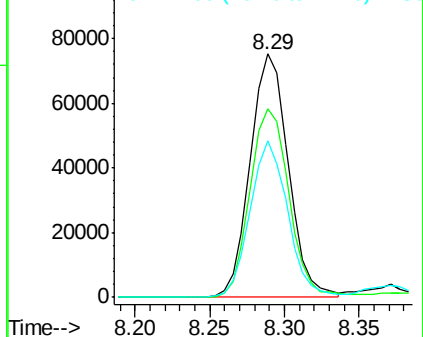
79 100

108 77.5 62.1 93.1

77 64.1 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.942 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

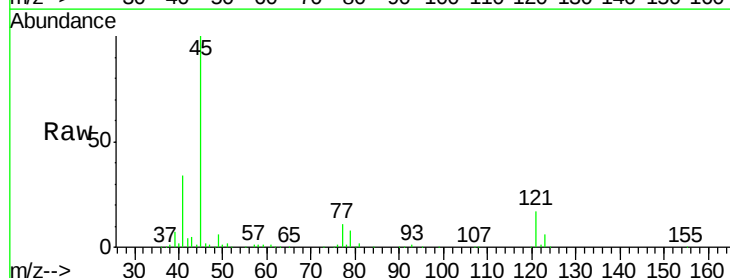
Tgt Ion: 45 Resp: 276062

Ion Ratio Lower Upper

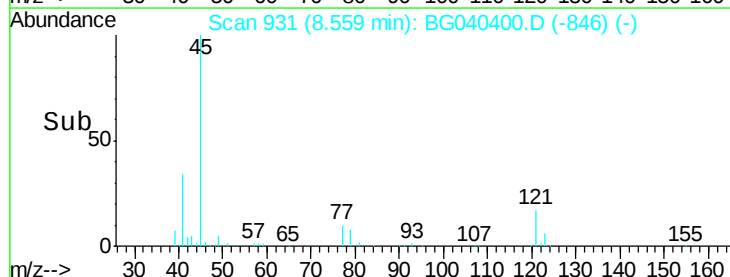
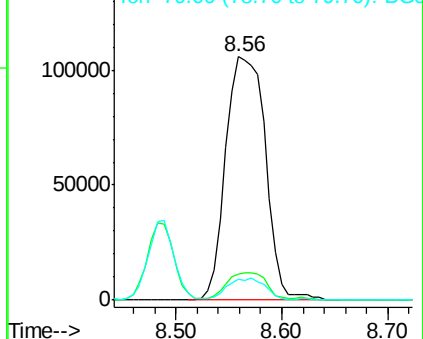
45 100

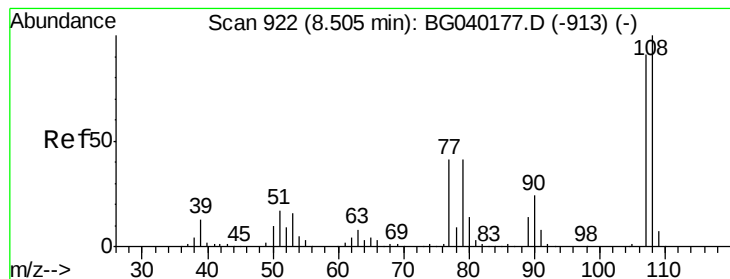
77 10.9 0.0 31.4

79 8.4 0.0 28.3



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





#17

2-Methylphenol

Concen: 44.598 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 135371

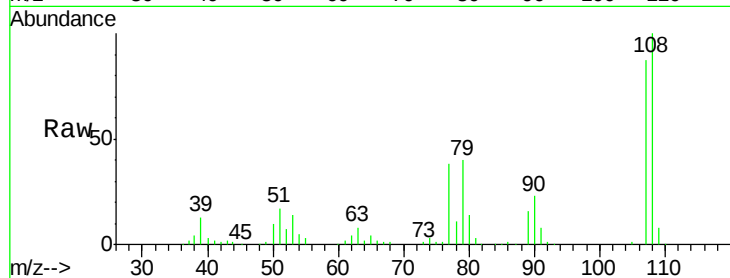
Ion Ratio Lower Upper

107 100

108 114.4 88.2 132.4

77 43.2 36.6 55.0

79 45.2 36.5 54.7

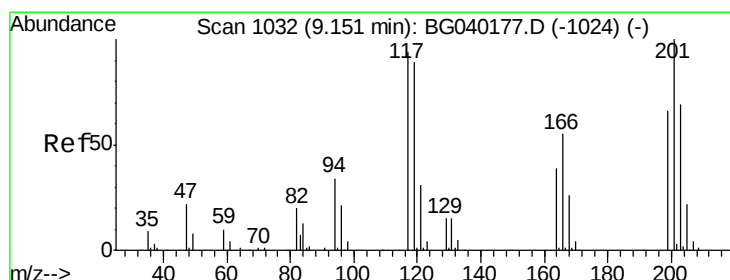
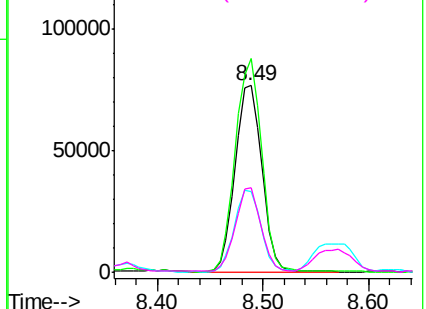
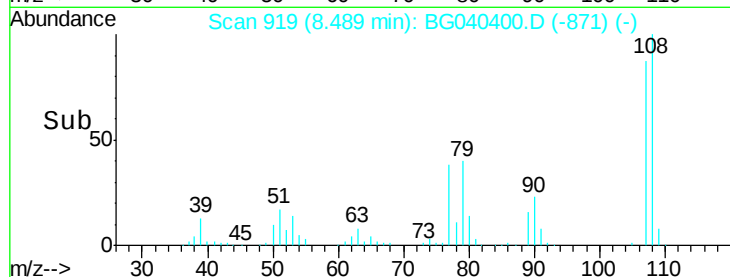


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.836 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

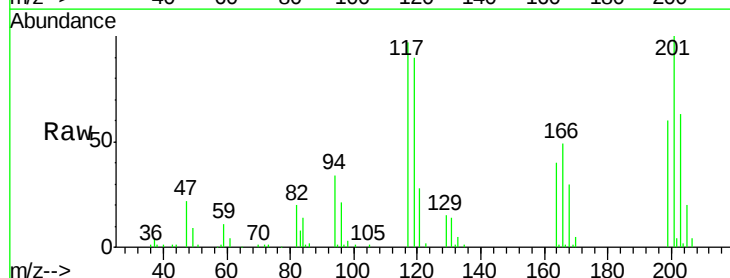
Tgt Ion:117 Resp: 58977

Ion Ratio Lower Upper

117 100

119 93.0 76.6 115.0

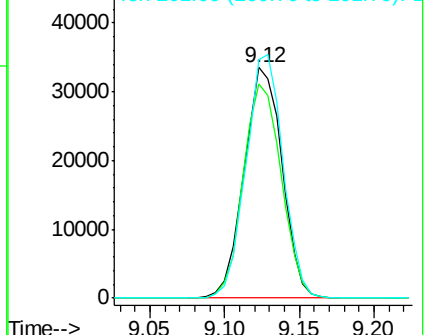
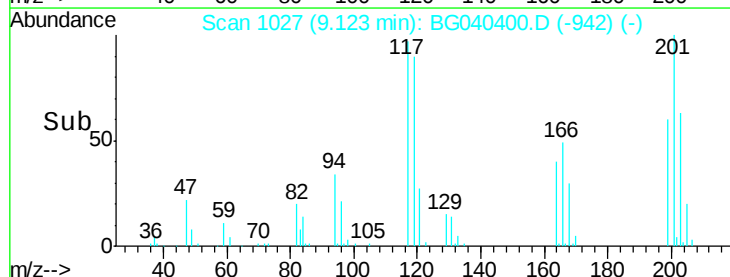
201 103.3 85.0 127.4

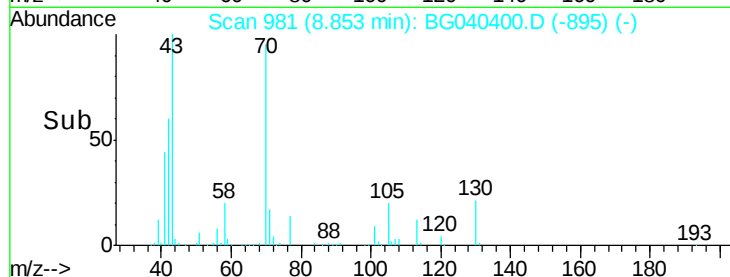
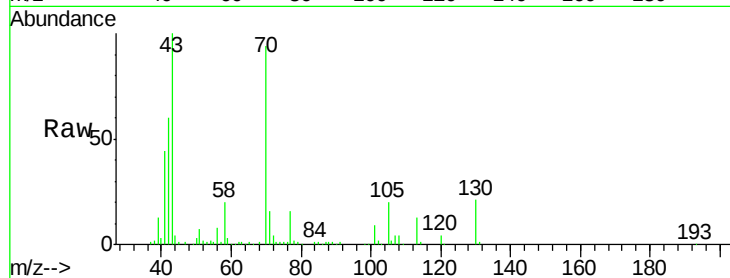
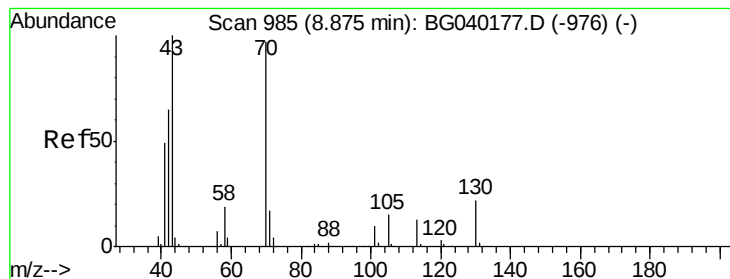


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.773 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 115242

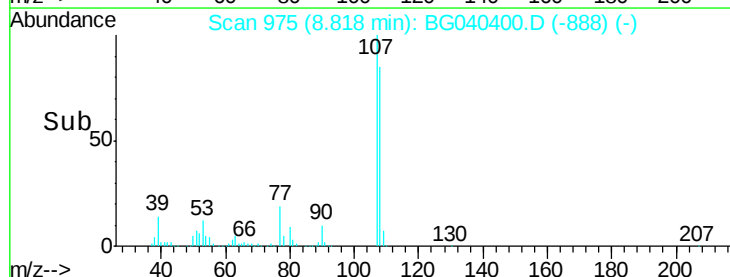
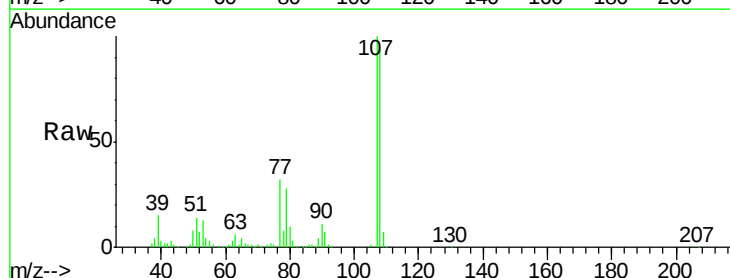
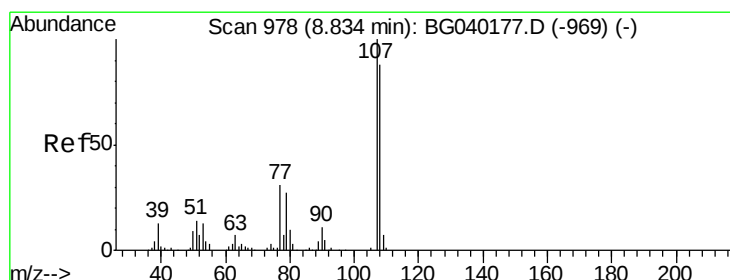
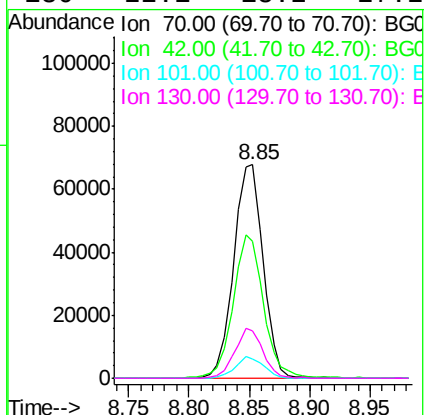
Ion Ratio Lower Upper

70 100

42 64.3 54.0 81.0

101 9.3 8.6 13.0

130 22.1 18.2 27.2



#20

3+4-Methylphenols

Concen: 44.080 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Tgt Ion: 107 Resp: 181256

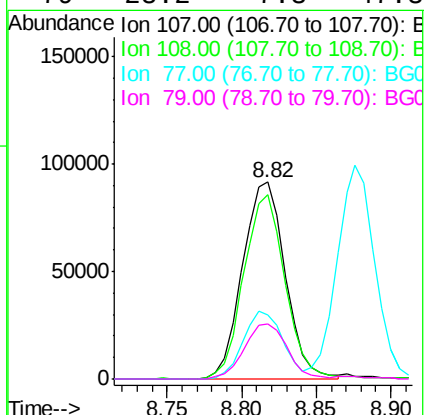
Ion Ratio Lower Upper

107 100

108 93.8 68.3 108.3

77 32.5 11.3 51.3

79 28.2 7.3 47.3

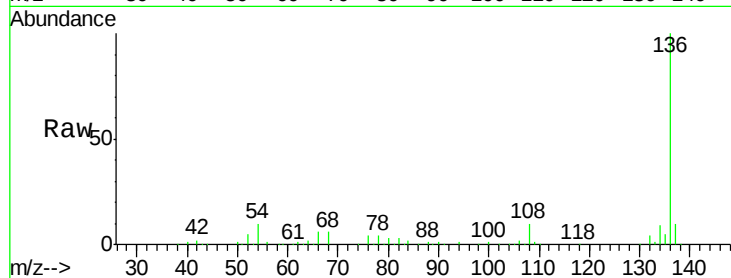




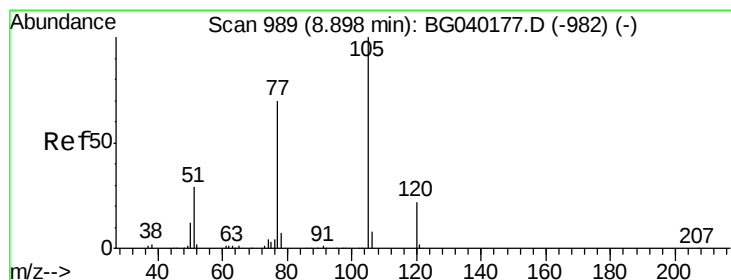
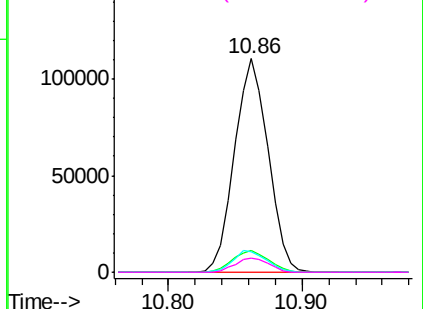
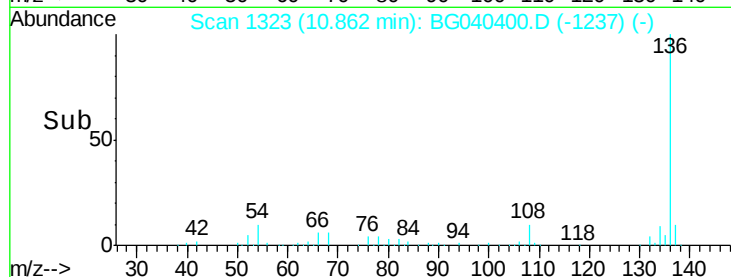
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	192849
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.9 13.3
54	9.7	9.6 14.4
68	6.3	5.1 7.7

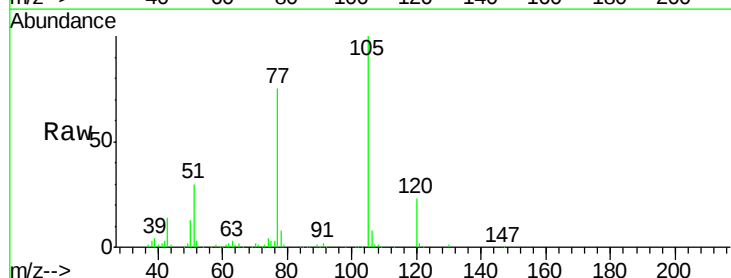


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

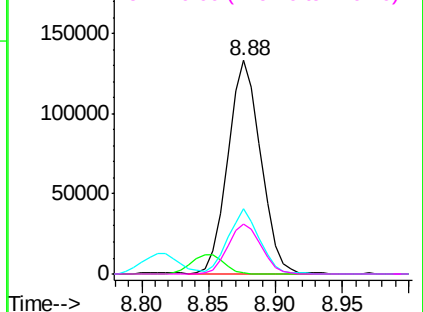
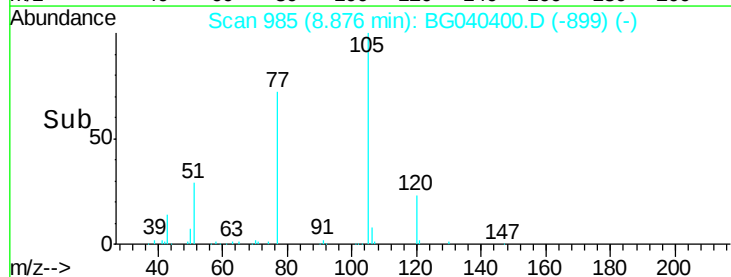


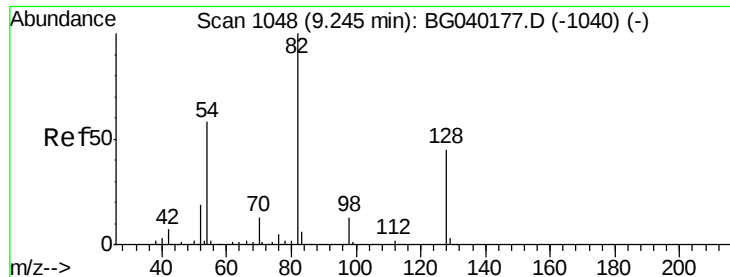
#22
Acetophenone
Concen: 47.256 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:105	Resp:	227330
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.6 1.0#
51	30.3	25.1 37.7
120	23.2	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

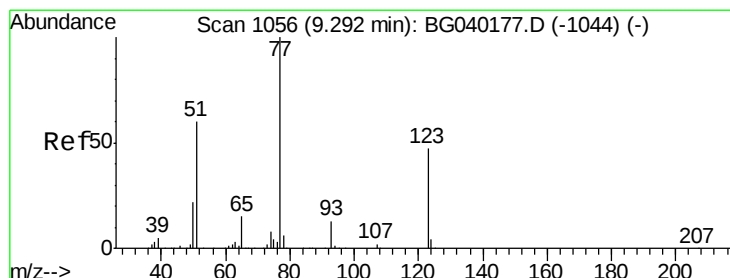
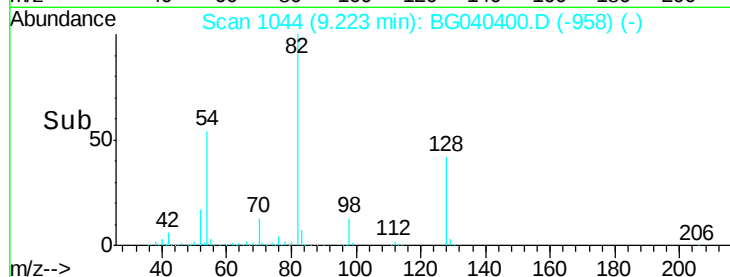
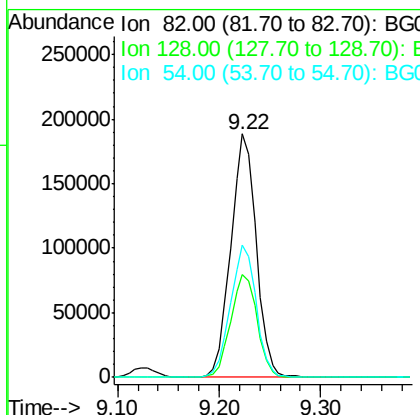
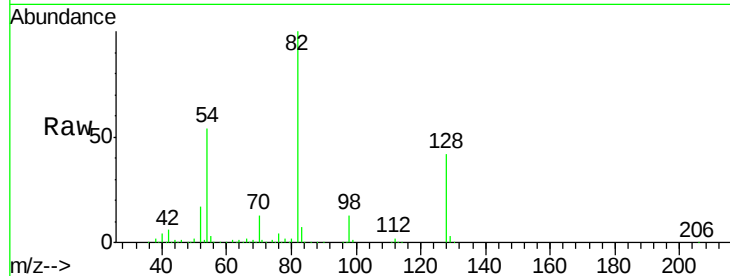




#23
 Nitrobenzene-d5
 Concen: 90.489 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

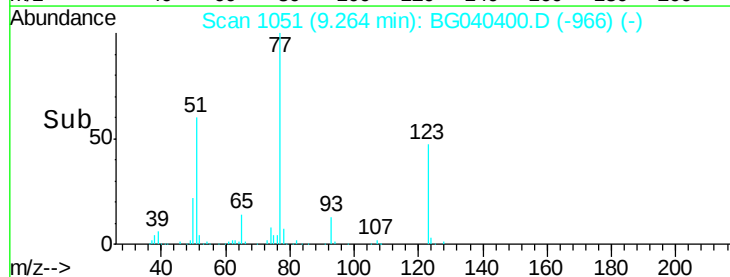
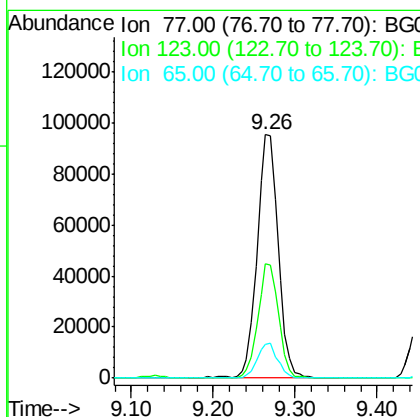
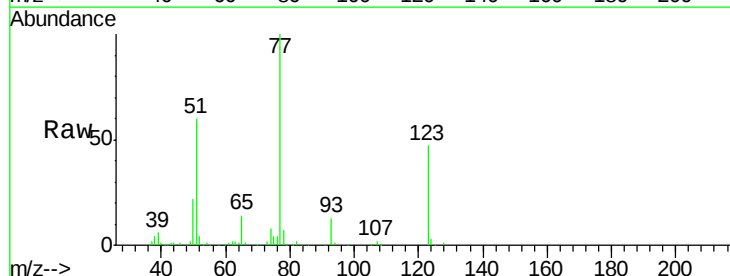
Instrument :
 BNA_G
 ClientSampleId :

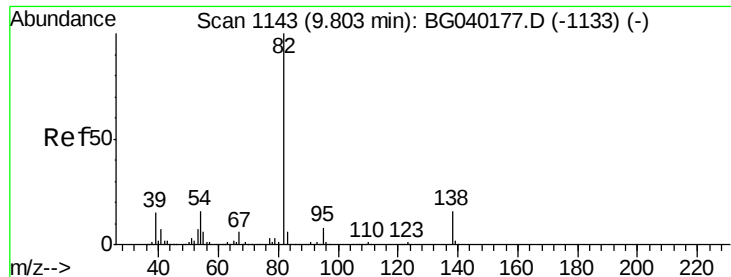
Tot Ion	82	Resp	328308
Ion Ratio	Lower	Upper	
82	100		
128	42.4	35.8	53.8
54	54.1	46.2	69.2



#24
 Nitrobenzene
 Concen: 45.618 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion	77	Resp	171390
Ion Ratio	Lower	Upper	
77	100		
123	46.8	37.8	56.6
65	14.1	12.0	18.0





#25

Isophorone

Concen: 44.309 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

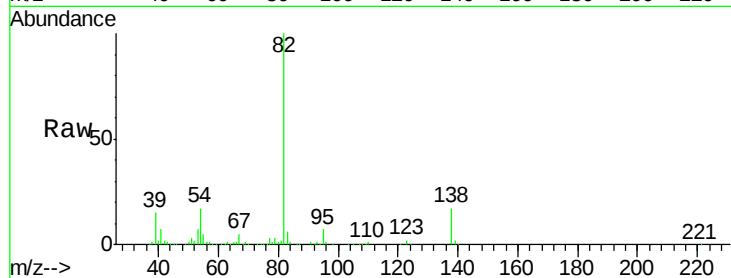
Tot Ion: 82 Resp: 330778

Ion Ratio Lower Upper

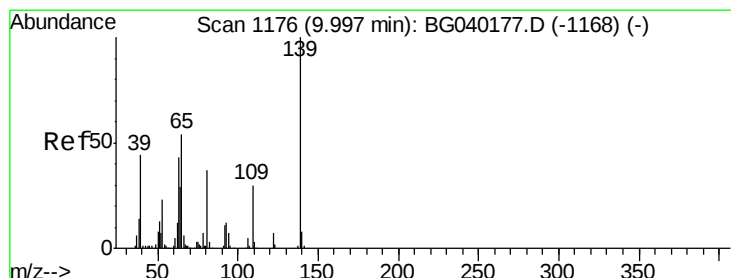
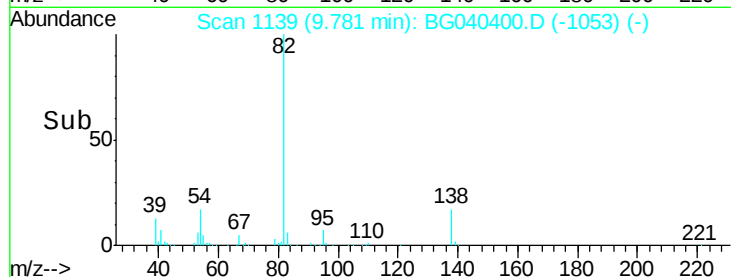
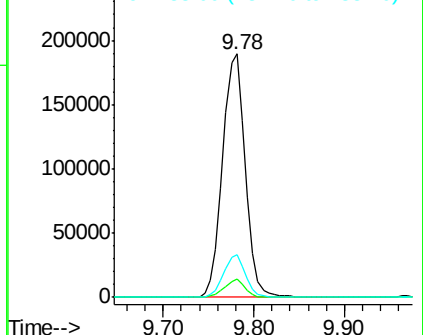
82 100

95 7.3 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: 45.363 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

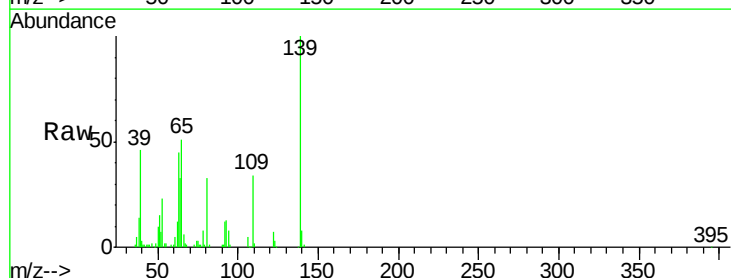
Tgt Ion: 139 Resp: 80758

Ion Ratio Lower Upper

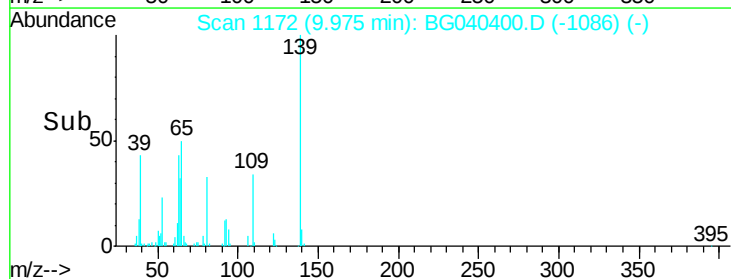
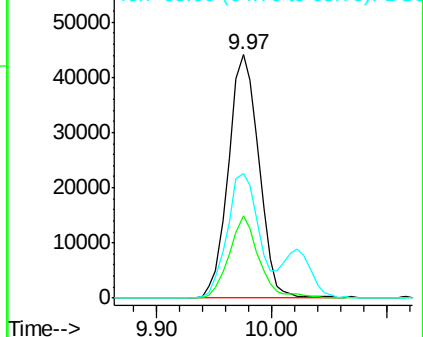
139 100

109 33.8 24.1 36.1

65 51.1 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

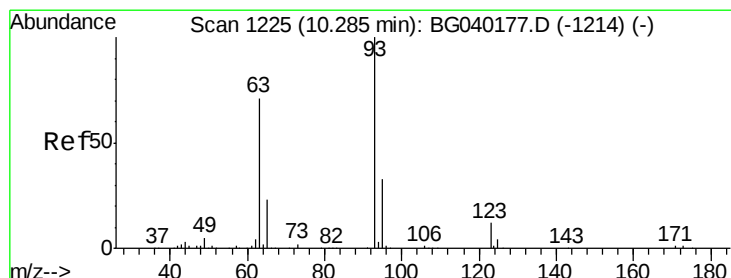
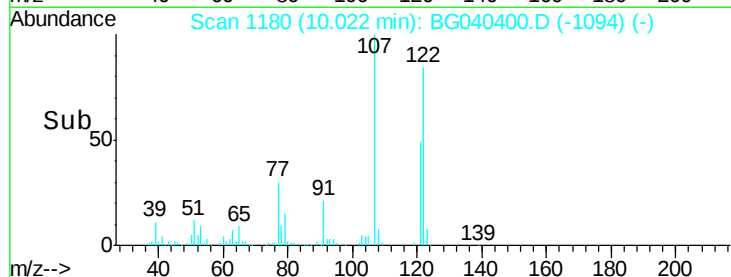
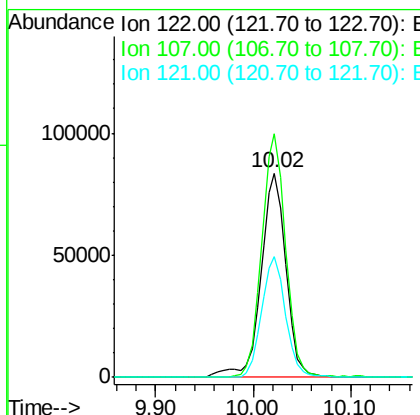
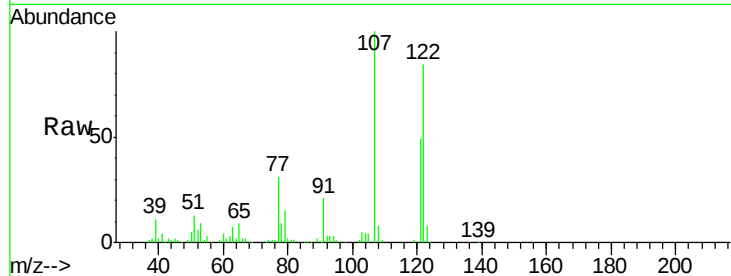




#27
 2,4-Dimethylphenol
 Concen: 53.307 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

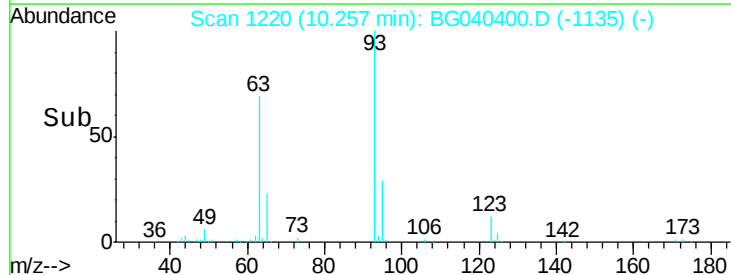
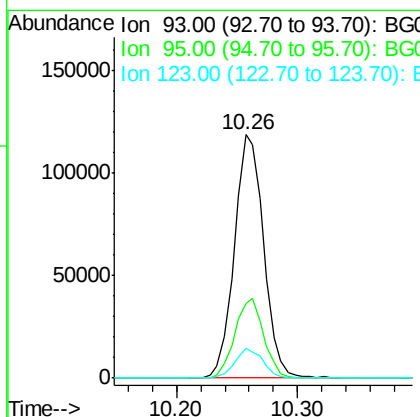
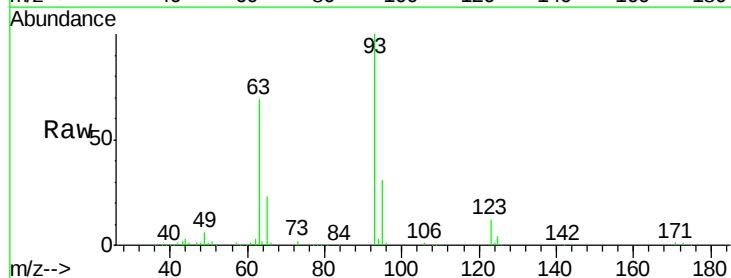
Instrument :
 BNA_G
 ClientSampled :

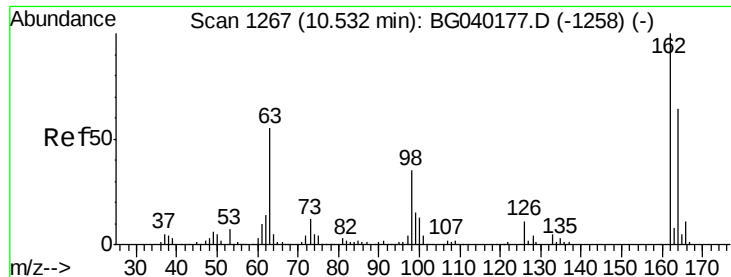
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	97.4	146.2
121	59.0	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.221 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.2	39.4
123	12.2	9.4	14.0

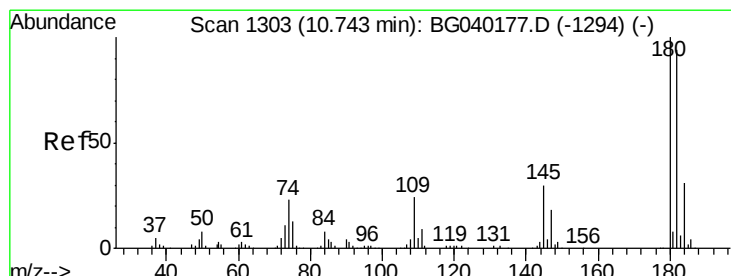
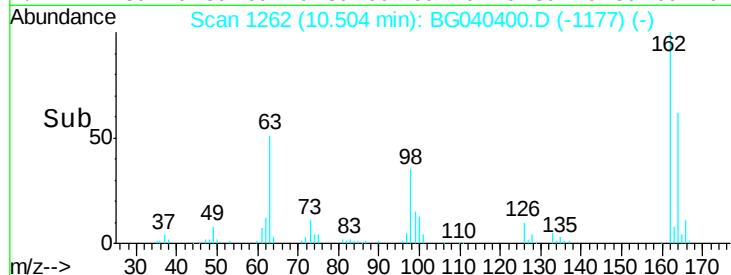
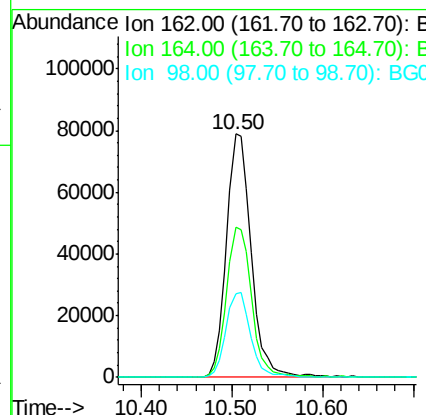
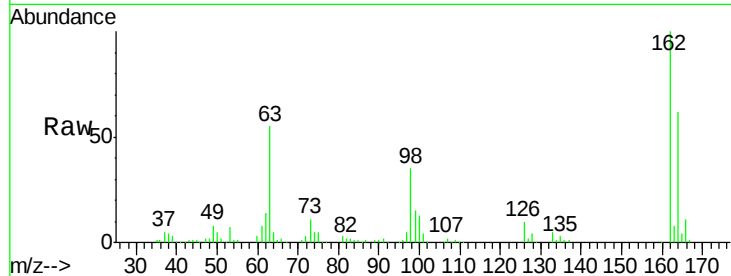




#29
 2,4-Dichlorophenol
 Concen: 48.879 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

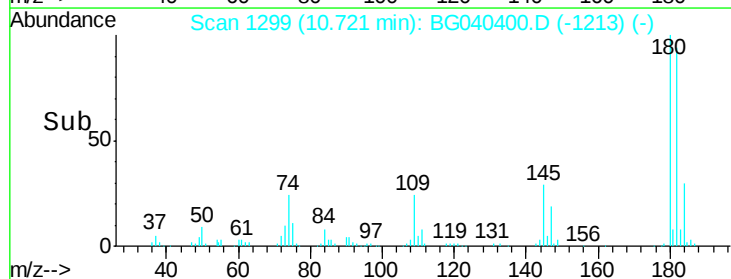
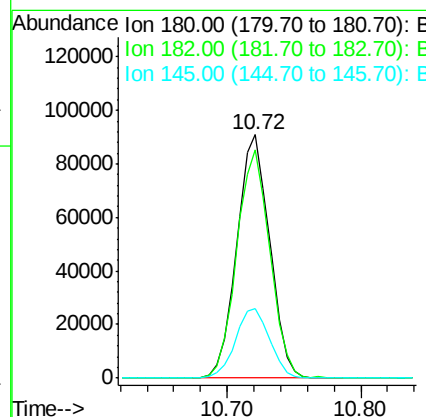
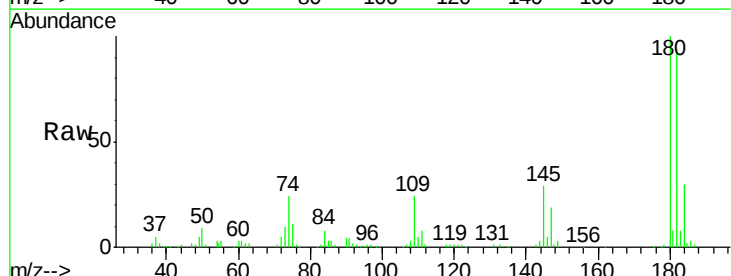
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 150028
 Ion Ratio Lower Upper
 162 100
 164 61.7 43.9 83.9
 98 34.5 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 45.991 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion:180 Resp: 155004
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.1 112.7
 145 28.6 24.1 36.1

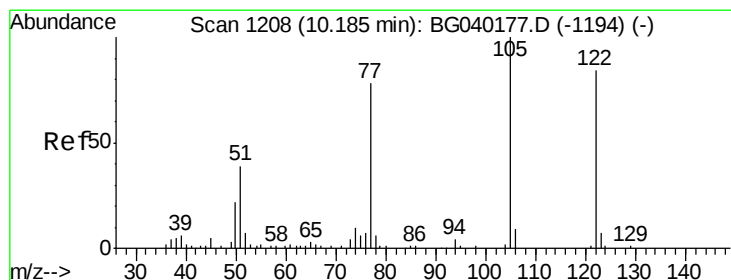
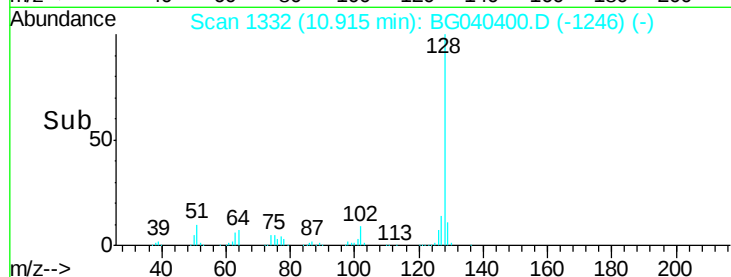
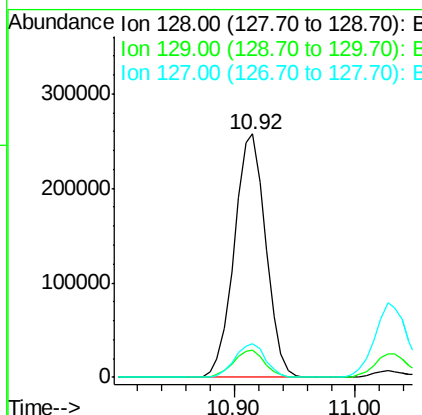
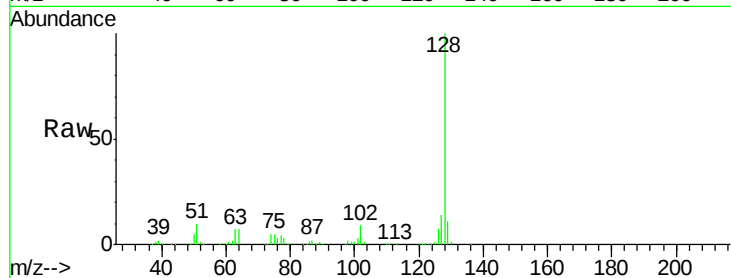




#31
Naphthalene
Concen: 47.312 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

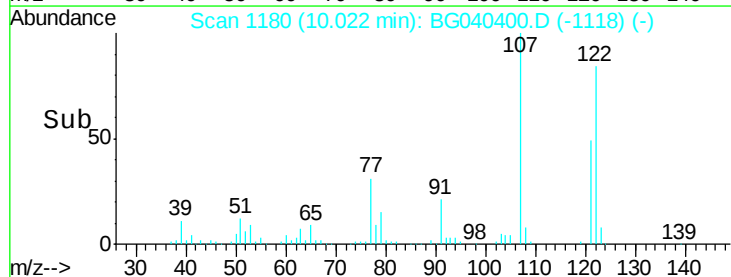
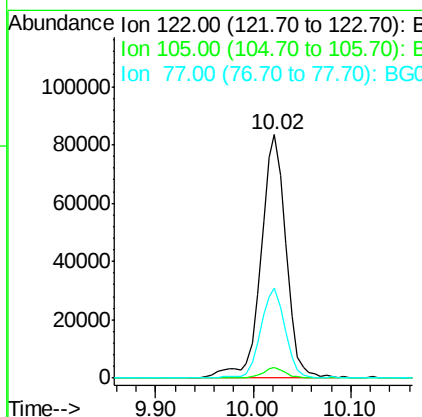
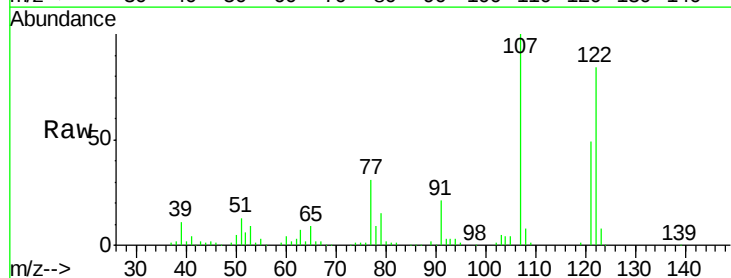
Instrument :
BNA_G
ClientSampleId :

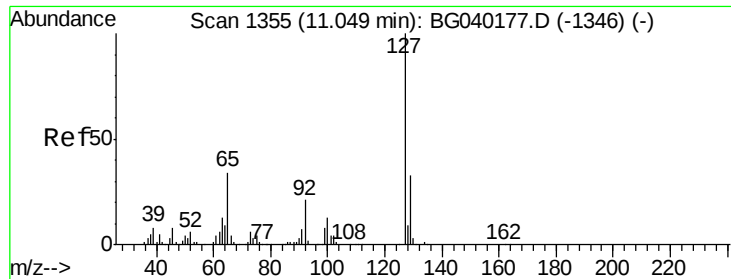
Tot Ion:128 Resp: 467676
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 88.228 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.16 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:122 Resp: 150741
Ion Ratio Lower Upper
122 100
105 4.5 98.2 138.2#
77 36.7 73.6 113.6#

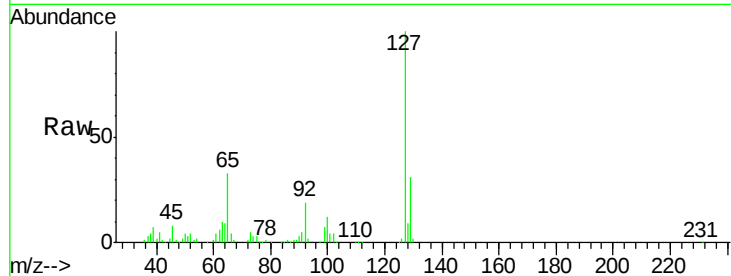




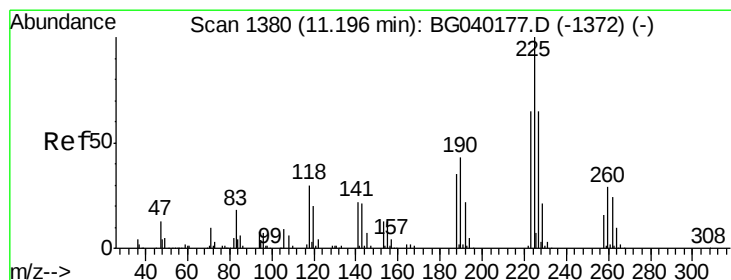
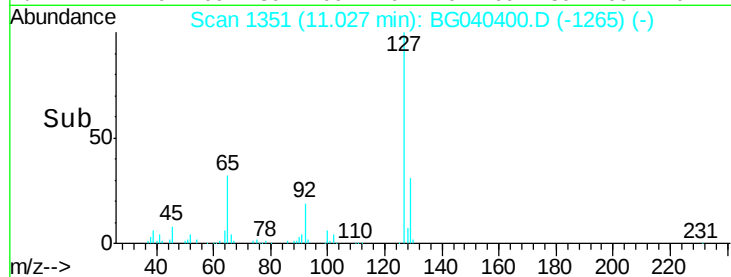
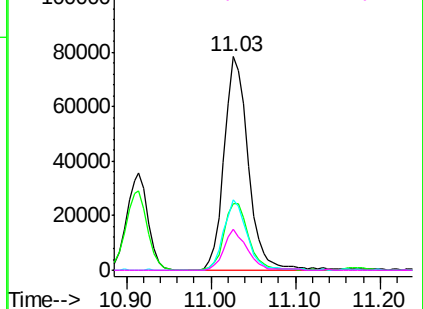
#33
4-Chloroaniline
Concen: 36.670 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	154618
Ion Ratio	Lower	Upper
127	100	
129	31.4	26.6 40.0
65	32.7	27.0 40.4
92	19.3	16.6 25.0

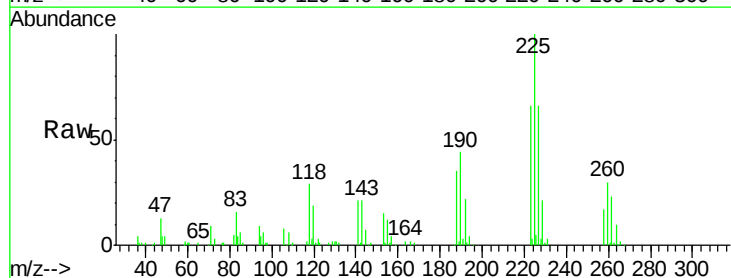


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

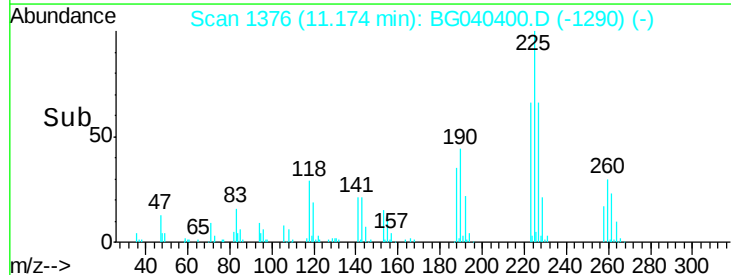
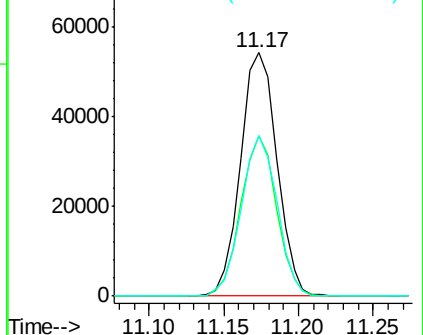


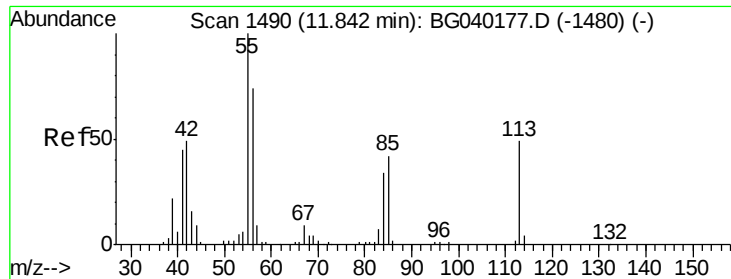
#34
Hexachlorobutadiene
Concen: 42.679 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:225	Resp:	91994
Ion Ratio	Lower	Upper
225	100	
223	65.8	51.8 77.8
227	65.9	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: 29.036 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampled :

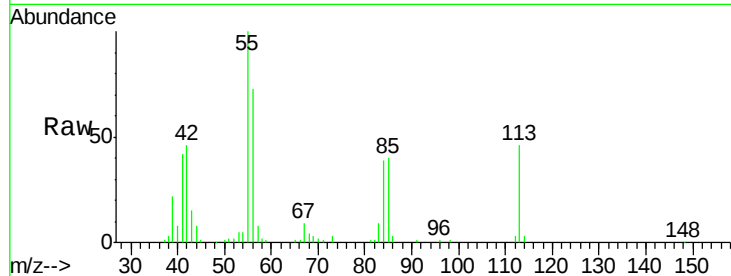
Tot Ion:113 Resp: 35368

Ion Ratio Lower Upper

113 100

55 215.2 184.2 224.2

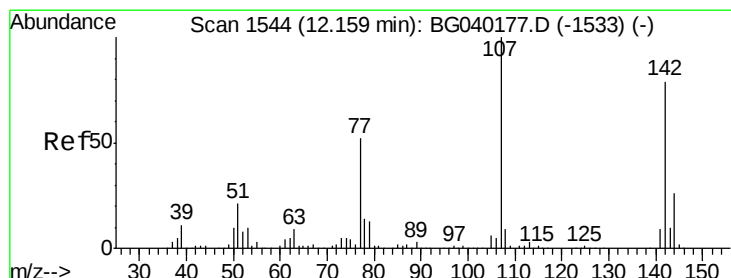
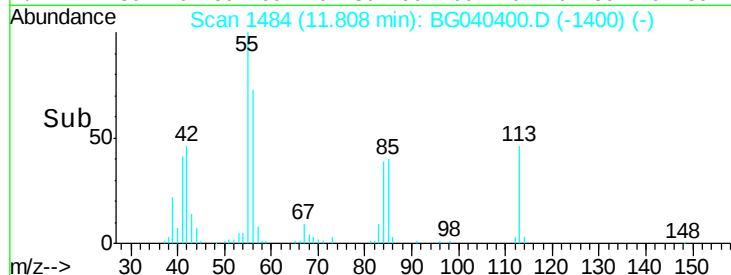
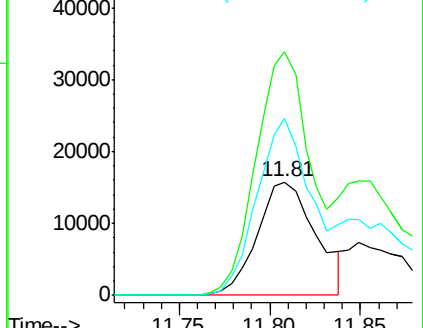
56 156.2 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.867 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

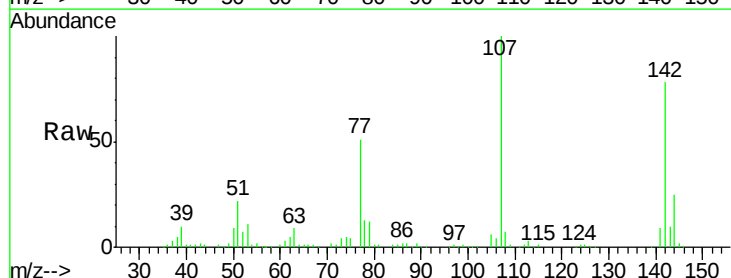
Tgt Ion:107 Resp: 179490

Ion Ratio Lower Upper

107 100

144 24.7 20.5 30.7

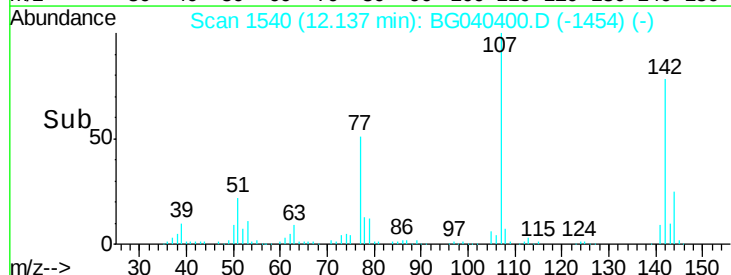
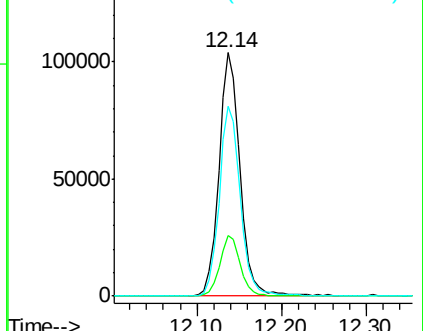
142 77.9 63.1 94.7

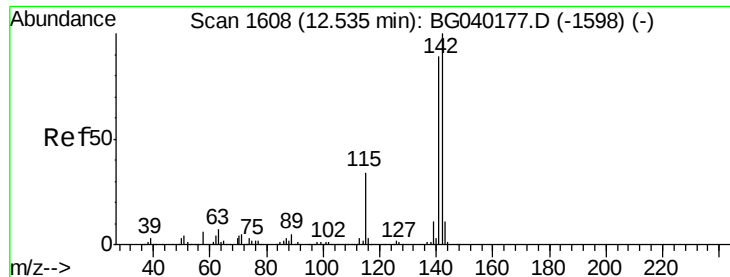


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

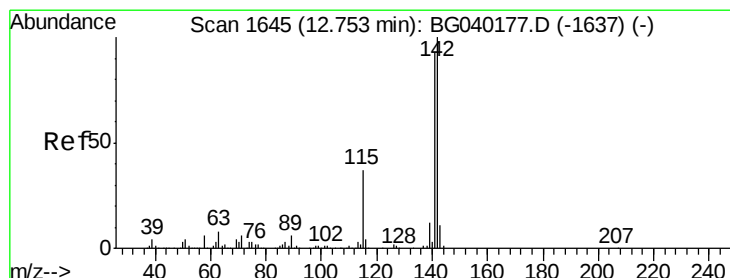
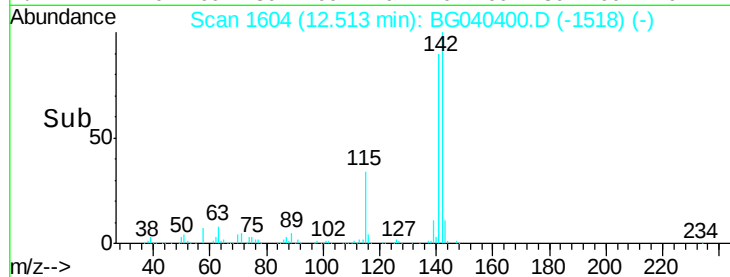
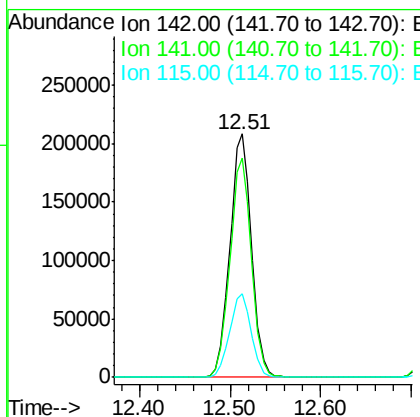
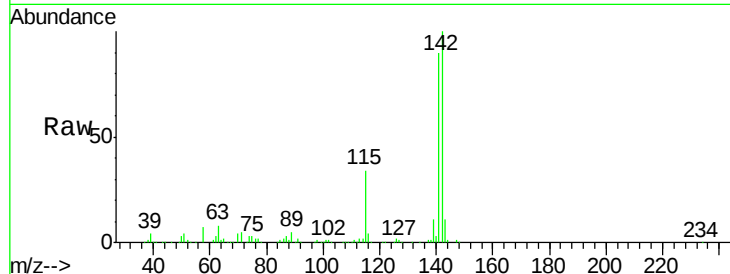




#37
2-Methylnaphthalene
Concen: 47.222 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

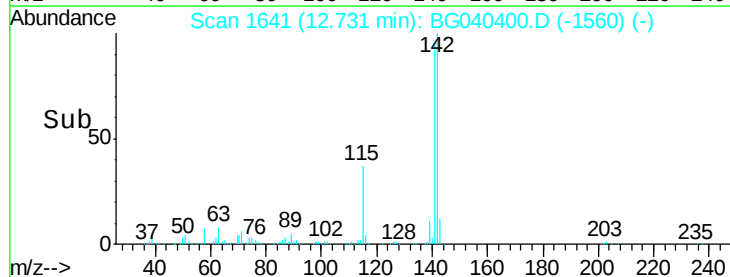
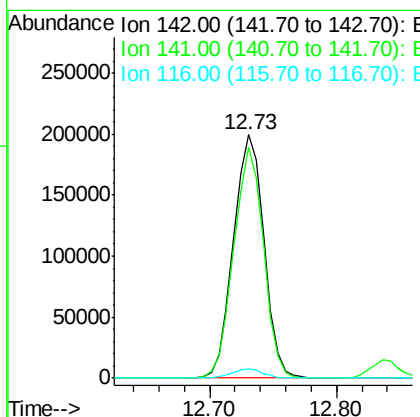
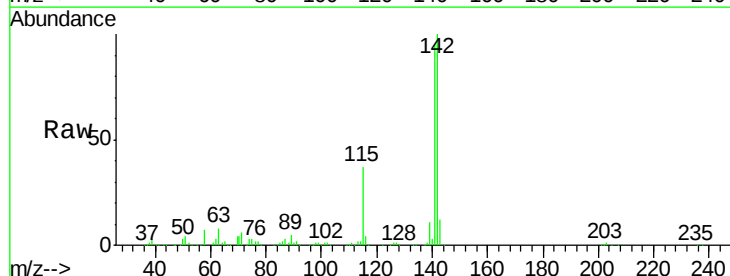
Instrument :
BNA_G
ClientSampled :

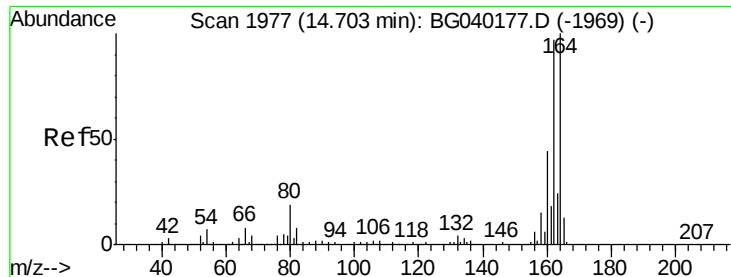
Tot Ion:142 Resp: 345226
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 34.2 27.3 40.9



#38
1-Methylnaphthalene
Concen: 46.775 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:142 Resp: 331600
Ion Ratio Lower Upper
142 100
141 95.0 74.2 111.4
116 3.9 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: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

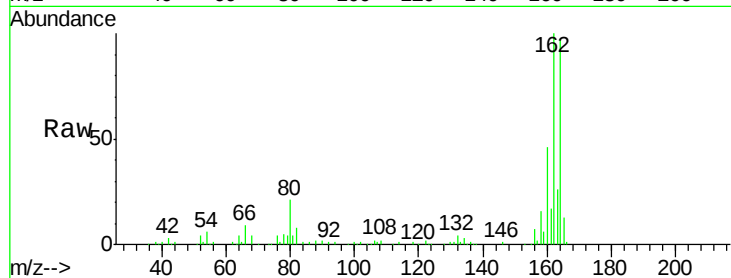
Tot Ion:164 Resp: 121802

Ion Ratio Lower Upper

164 100

162 103.4 77.4 116.2

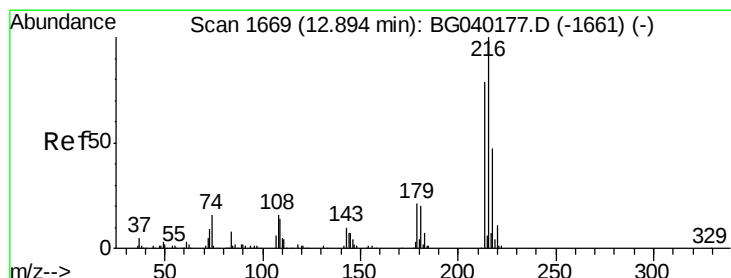
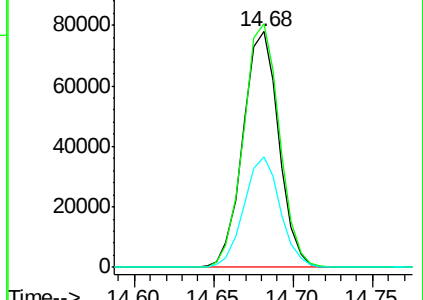
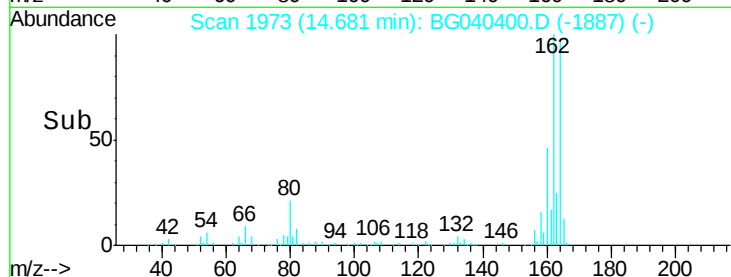
160 47.2 35.3 52.9



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: 45.208 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Tgt Ion:216 Resp: 175013

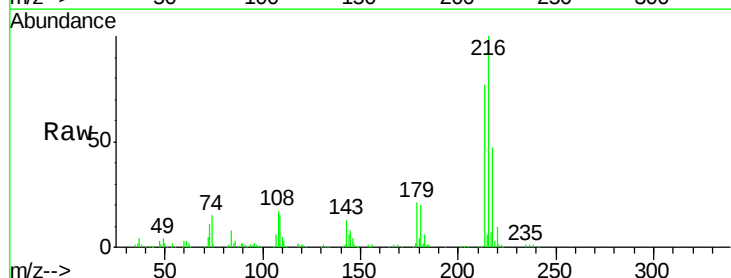
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 20.8 16.6 25.0

108 19.6 13.8 20.8

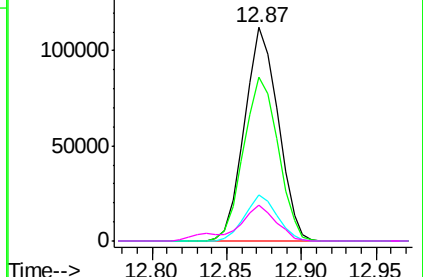
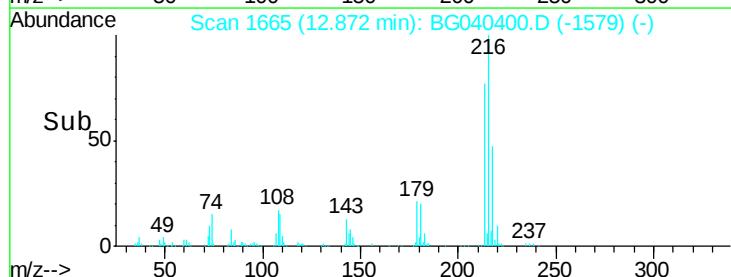


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.577 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

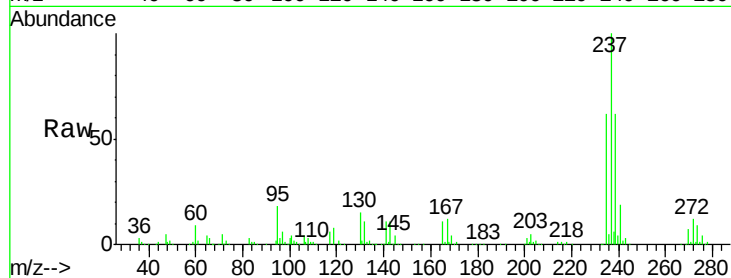
Tot Ion:237 Resp: 205286

Ion Ratio Lower Upper

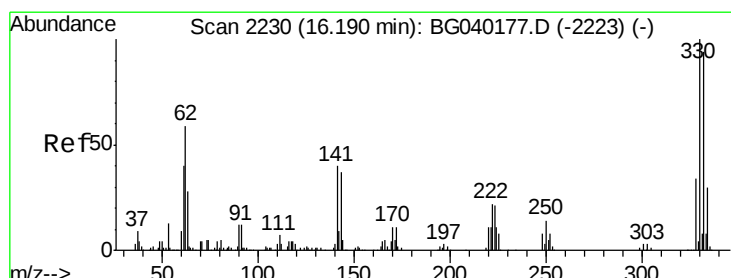
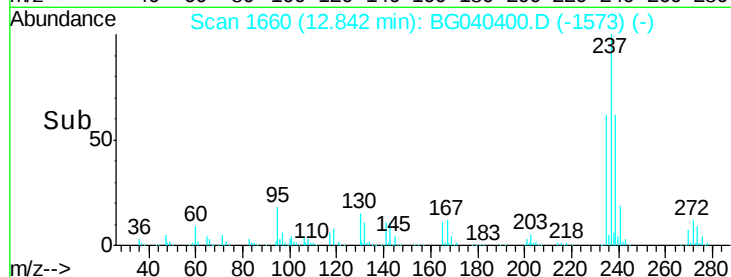
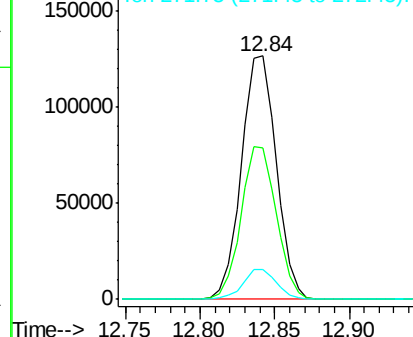
237 100

235 62.4 46.2 86.2

272 12.1 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: 166.088 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

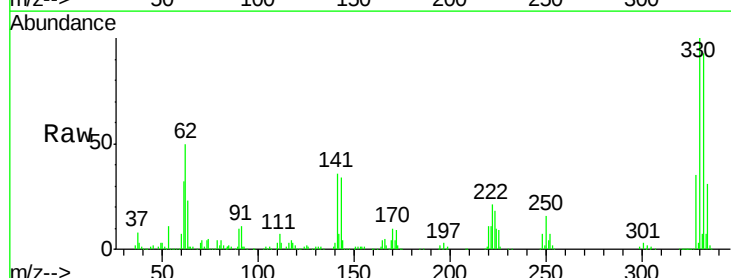
Tgt Ion:330 Resp: 218632

Ion Ratio Lower Upper

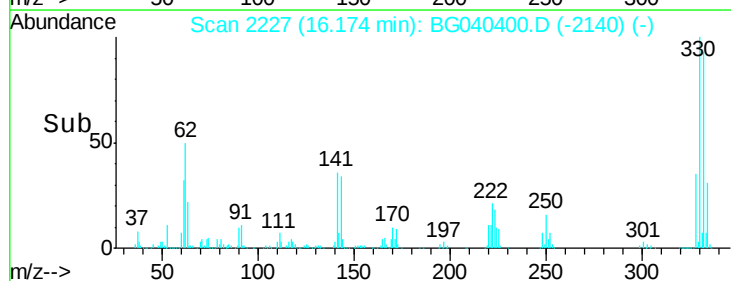
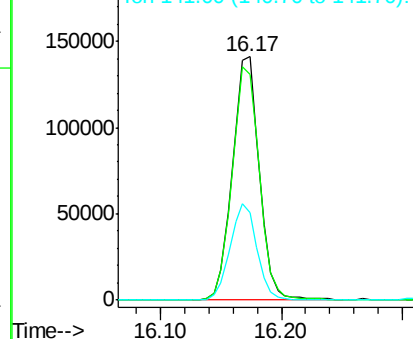
330 100

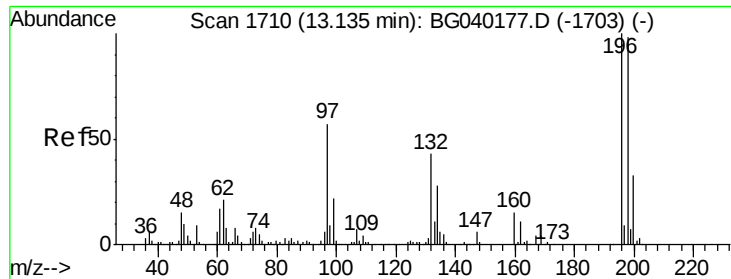
332 97.3 76.6 115.0

141 39.5 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

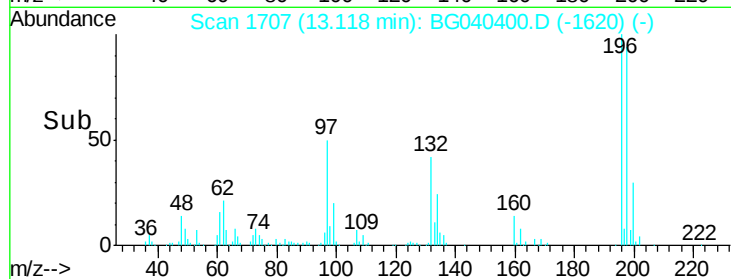
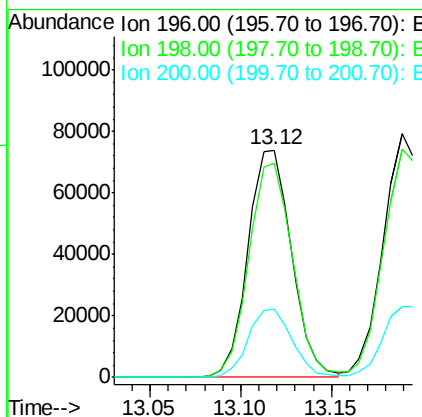
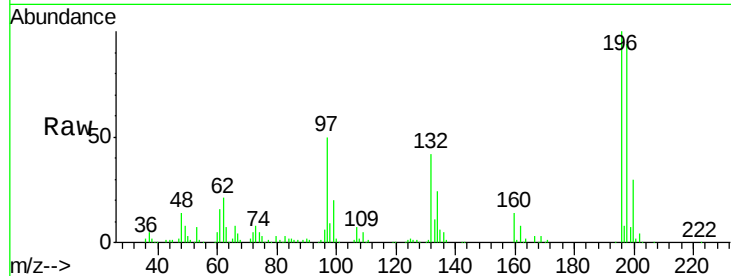




#43
 2,4,6-Trichlorophenol
 Concen: 49.439 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

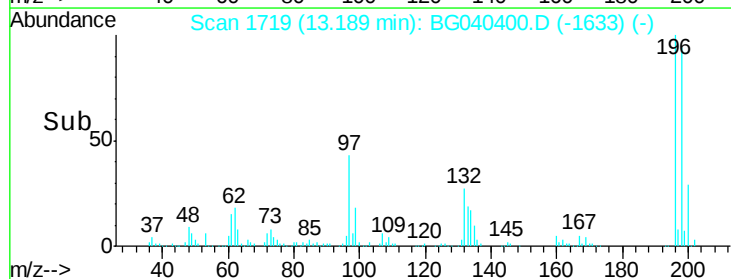
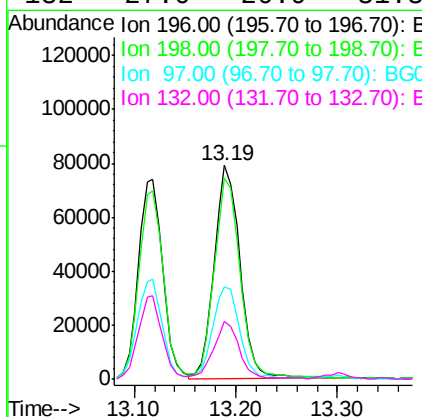
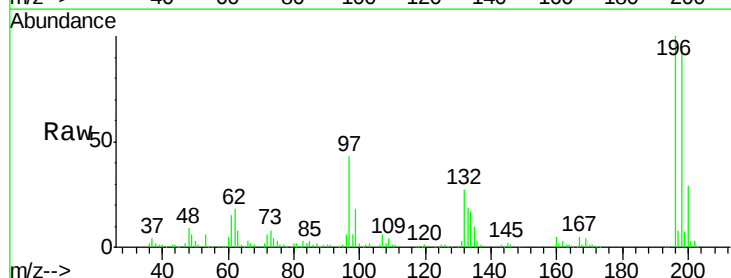
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 123396
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.3 117.5
 200 30.2 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 51.423 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion:196 Resp: 139896
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.0 112.6
 97 43.0 37.3 55.9
 132 27.0 20.9 31.3

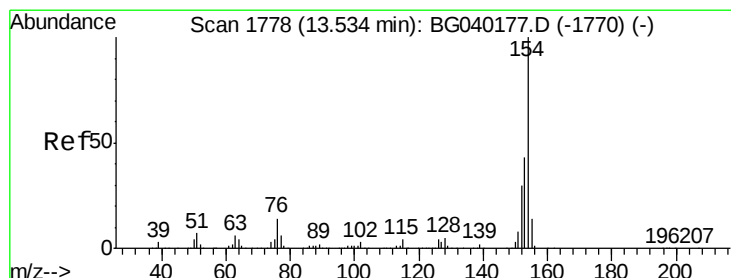
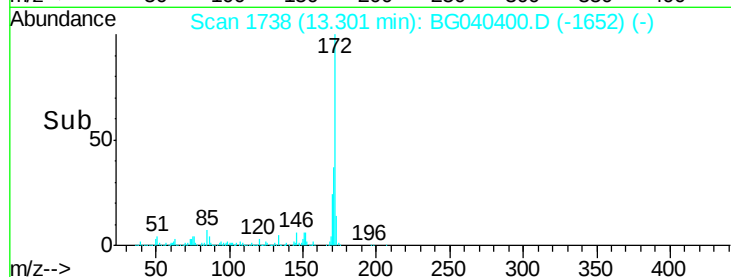
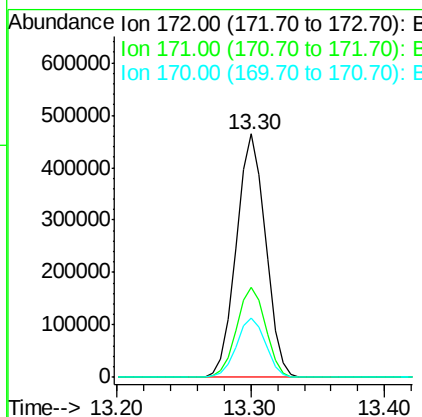
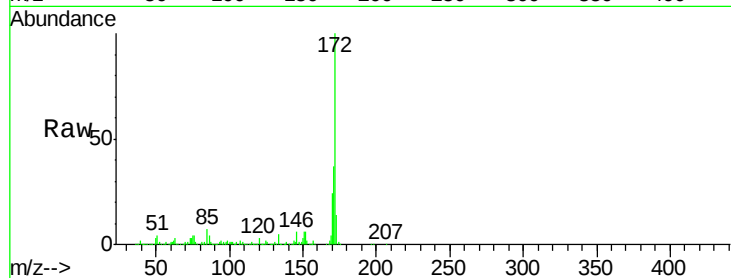




#45
2-Fluorobiphenyl
Concen: 85.722 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

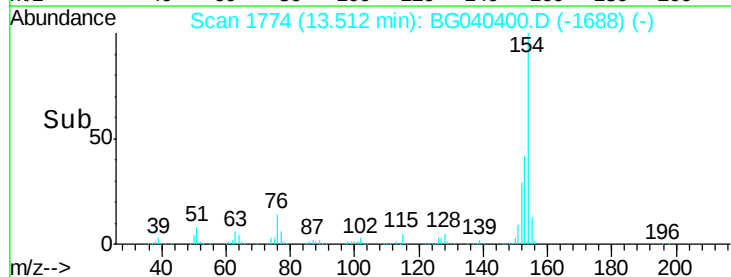
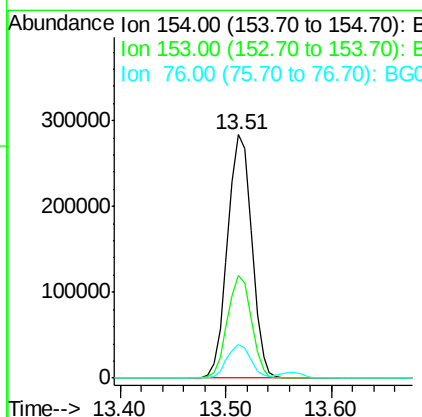
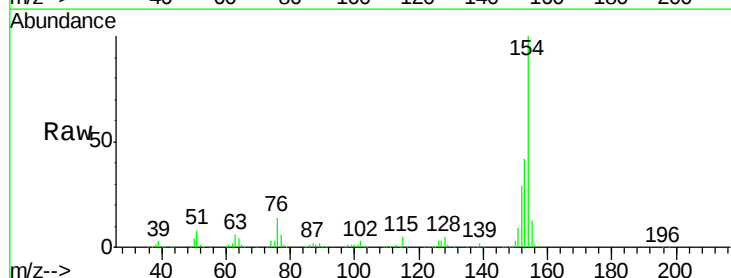
Instrument :
BNA_G
ClientSampleId :

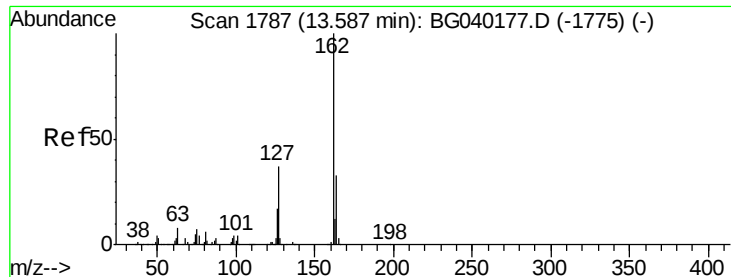
Tot Ion:172 Resp: 704643
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.2 20.1 30.1



#46
1,1'-Biphenyl
Concen: 46.630 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:154 Resp: 448760
Ion Ratio Lower Upper
154 100
153 42.2 22.5 62.5
76 13.8 0.0 33.7

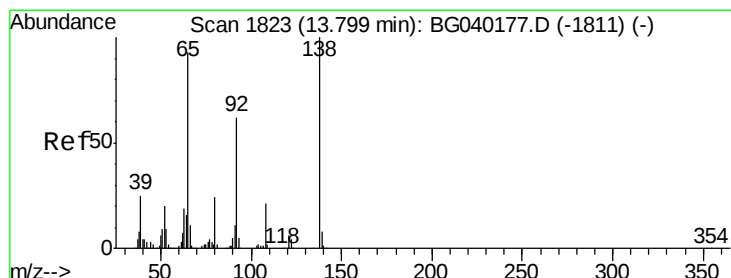
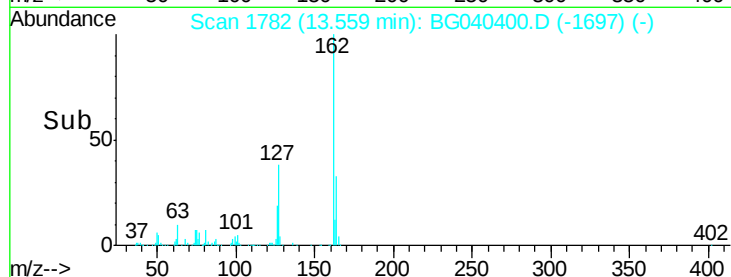
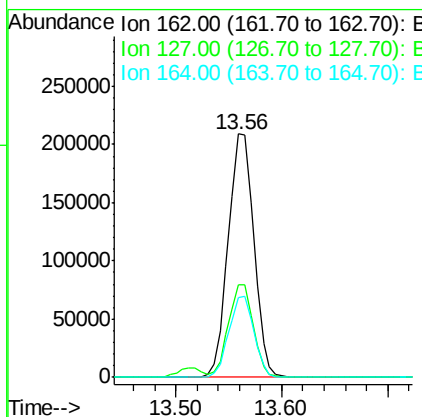
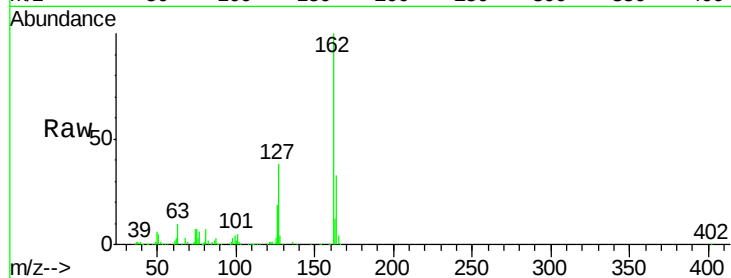




#47
 2-Chloronaphthalene
 Concen: 47.415 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

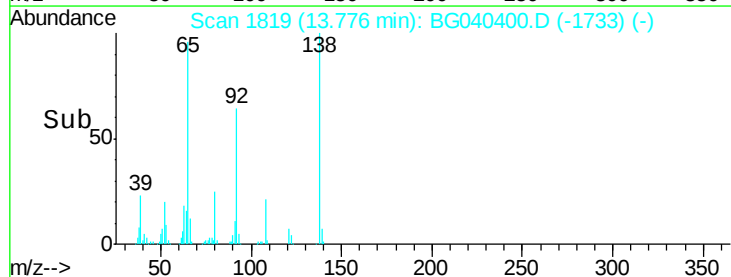
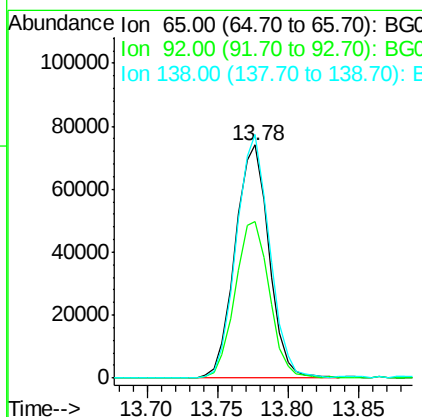
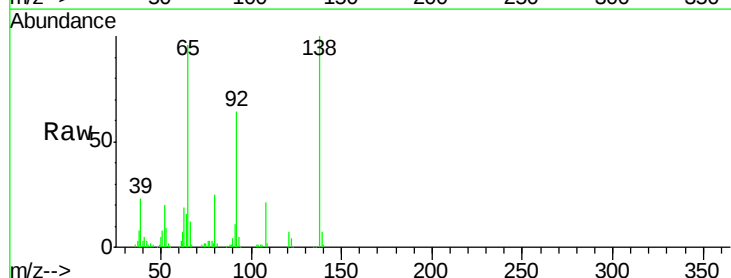
Instrument :
 BNA_G
 ClientSampleId :

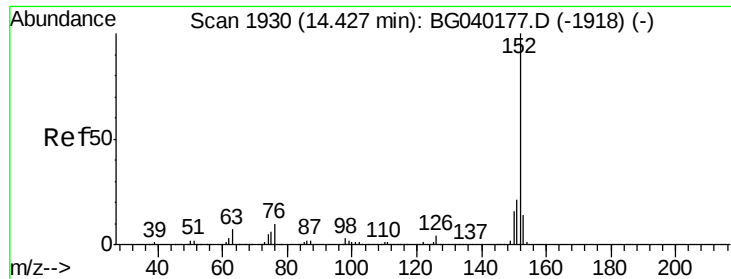
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.6	45.8
164	32.8	26.2	39.4



#48
 2-Nitroaniline
 Concen: 49.782 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.8	80.6
138	104.6	86.3	129.5





#49

Acenaphthylene

Concen: 46.821 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

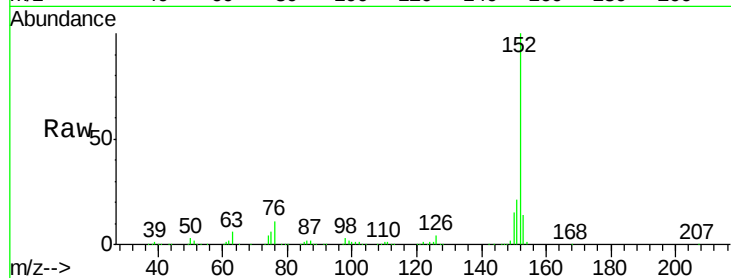
Tot Ion:152 Resp: 586028

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

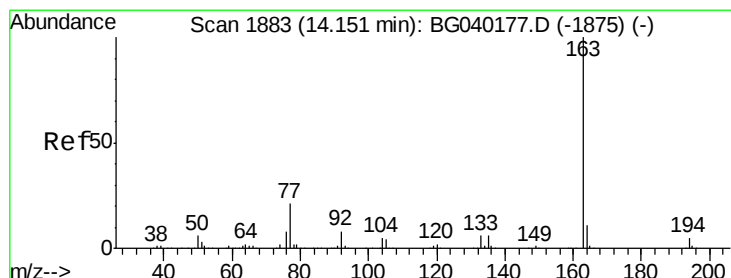
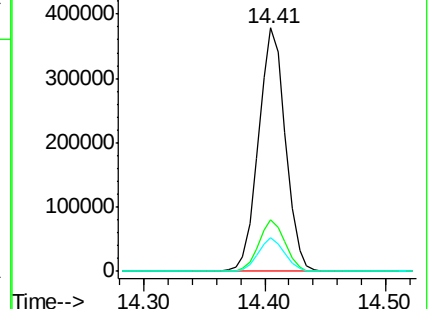
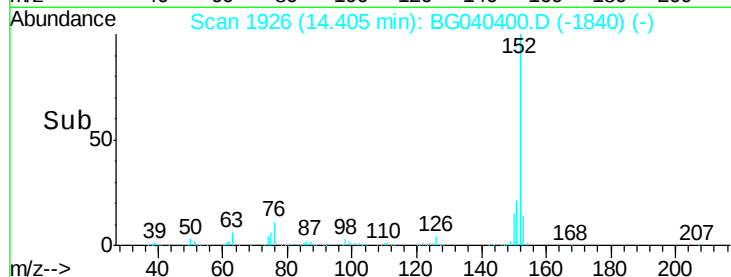
153 14.1 10.8 16.2



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: 59.785 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

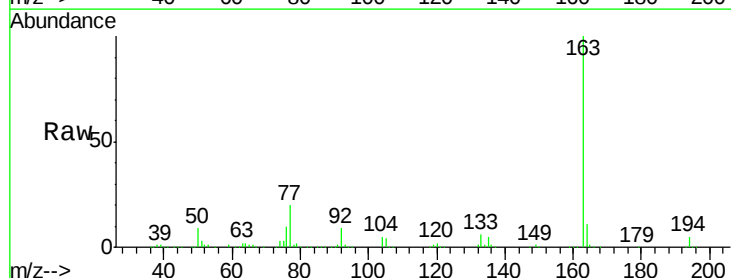
Tgt Ion:163 Resp: 569910

Ion Ratio Lower Upper

163 100

194 4.8 4.1 6.1

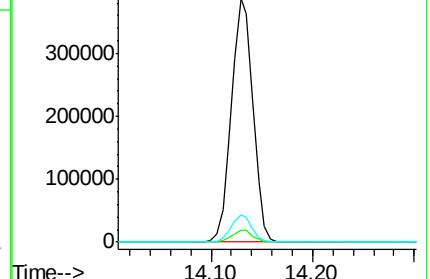
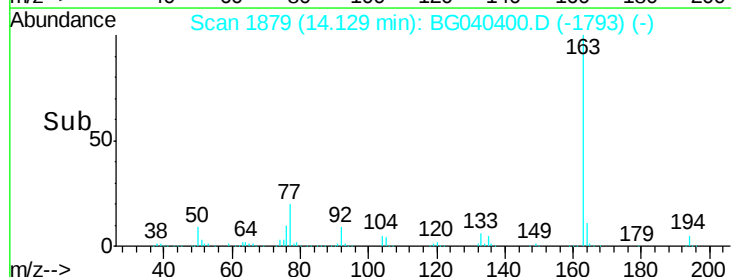
164 11.0 8.6 13.0

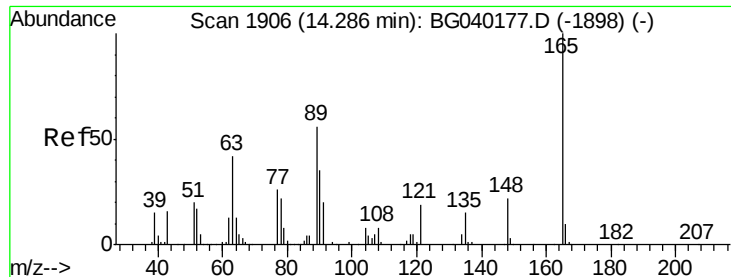


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.857 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

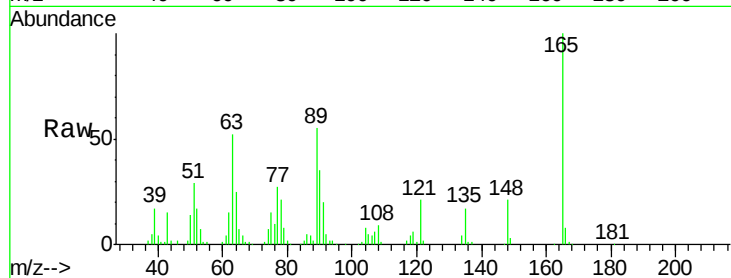
Tot Ion:165 Resp: 106715

Ion Ratio Lower Upper

165 100

63 52.2 44.1 66.1

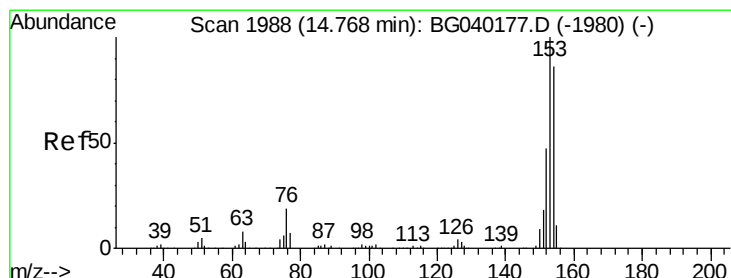
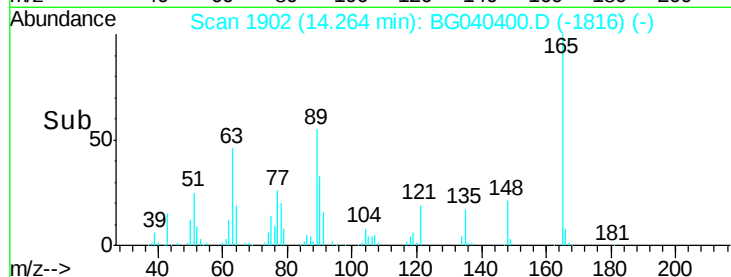
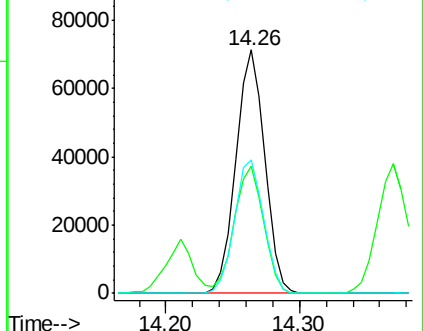
89 54.8 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 47.900 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

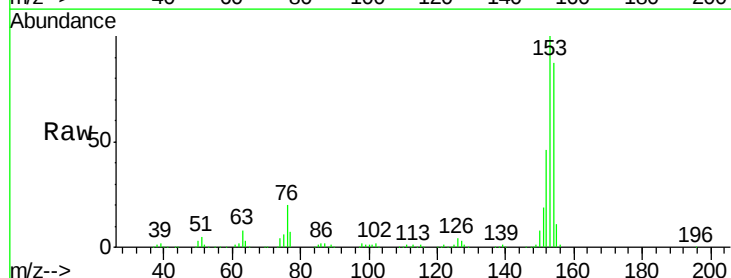
Tgt Ion:154 Resp: 343543

Ion Ratio Lower Upper

154 100

153 115.1 92.8 139.2

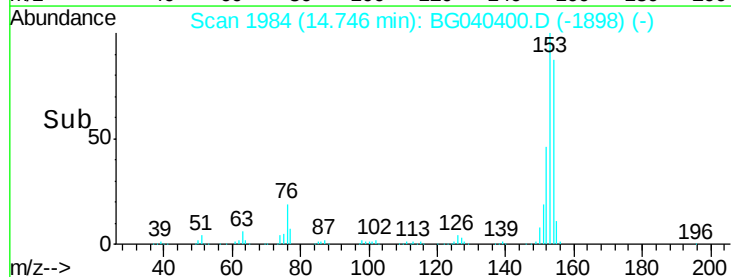
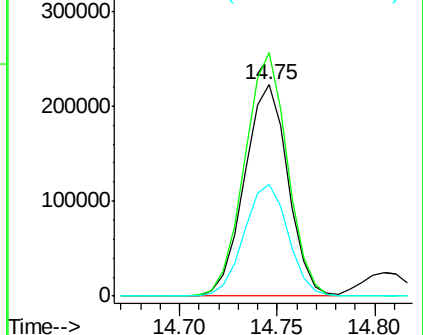
152 53.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.033 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampled :

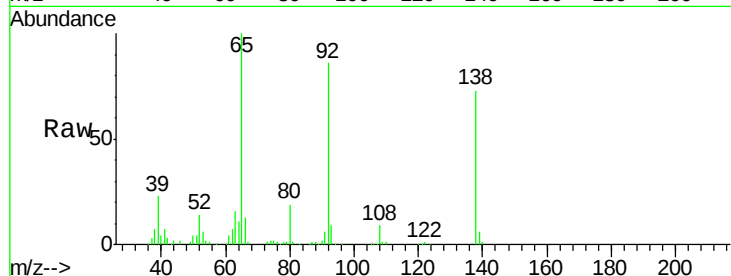
Tot Ion:138 Resp: 97501

Ion Ratio Lower Upper

138 100

108 11.9 7.8 11.8#

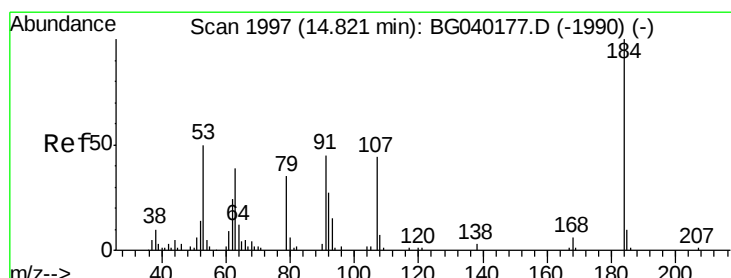
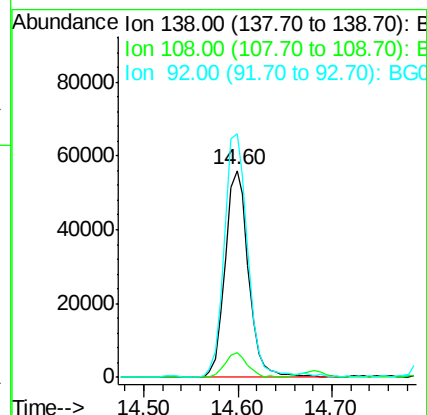
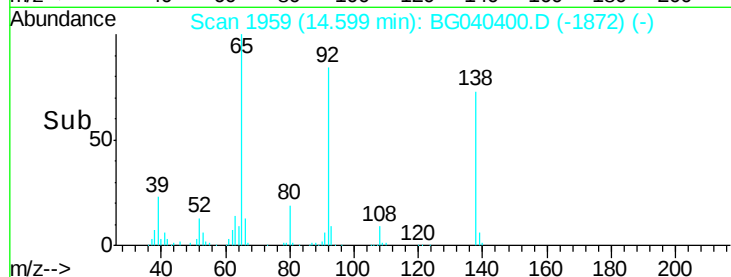
92 117.7 87.5 131.3



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: 69.189 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

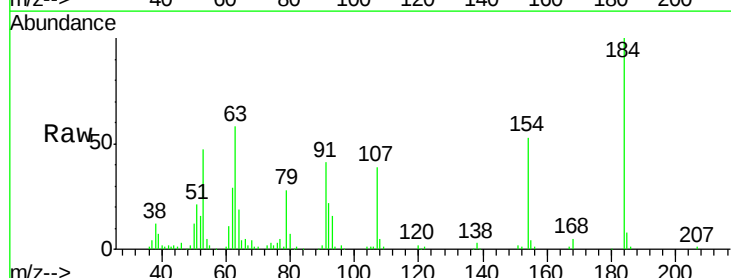
Tgt Ion:184 Resp: 78760

Ion Ratio Lower Upper

184 100

63 57.7 51.8 77.8

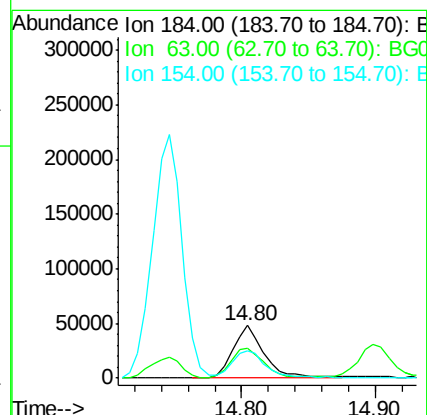
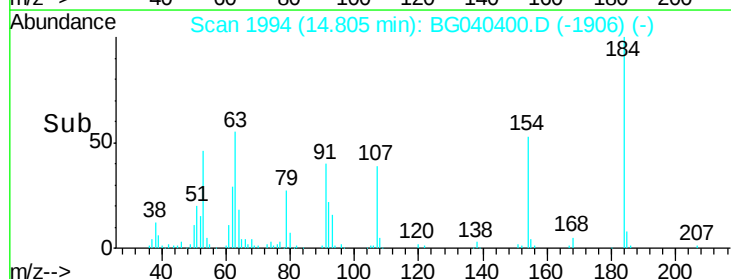
154 52.9 50.9 76.3

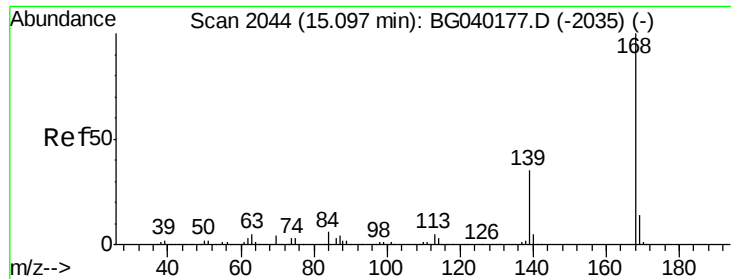


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

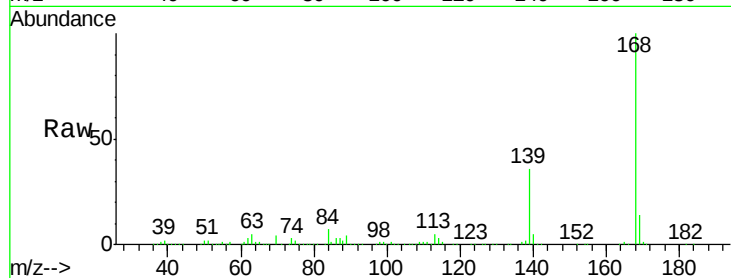




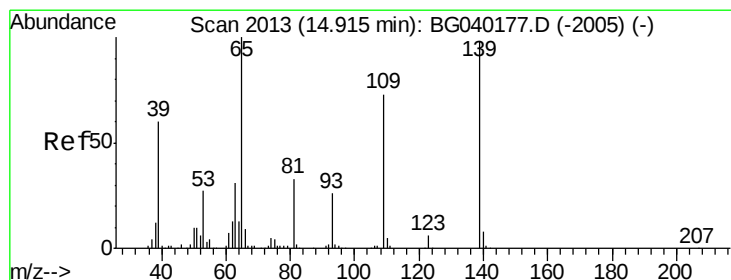
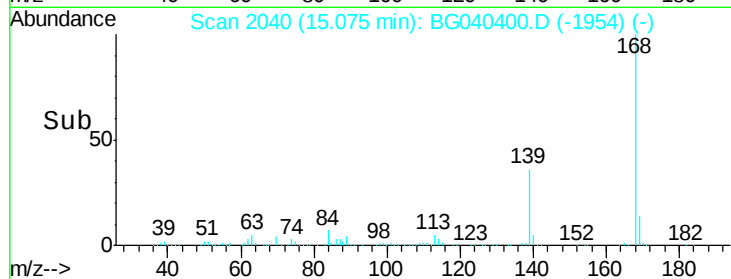
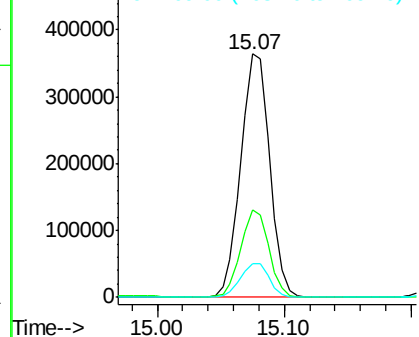
#55
Dibenzenofuran
Concen: 49.771 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.9	41.9
169	13.9	11.3	16.9

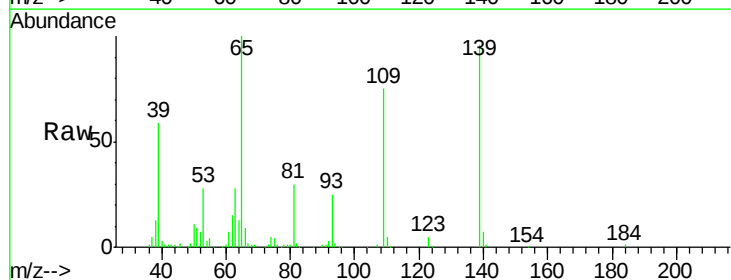


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

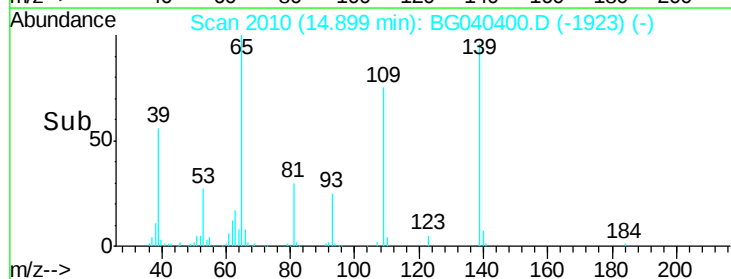
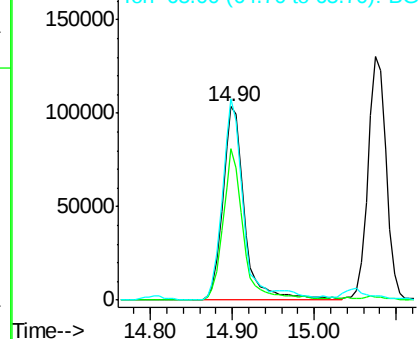


#56
4-Nitrophenol
Concen: 105.055 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.2	54.3	94.3
65	104.3	82.5	122.5



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

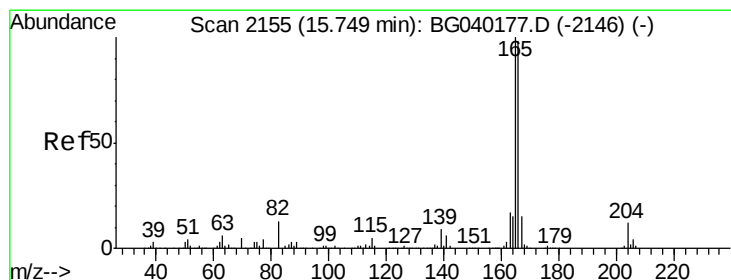
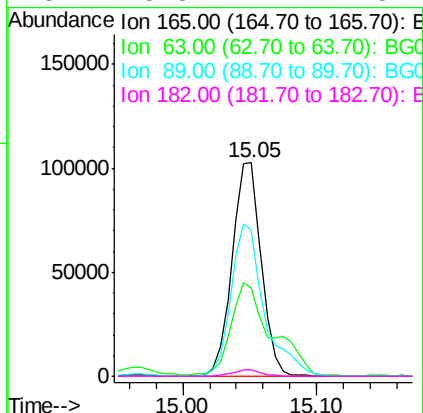
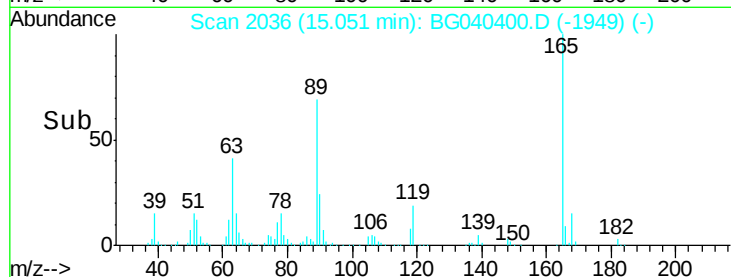
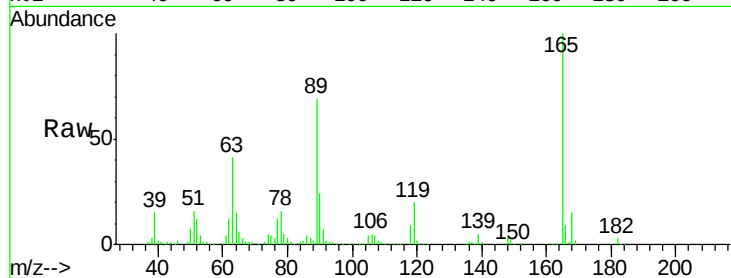




#57
2,4-Dinitrotoluene
Concen: 52.545 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

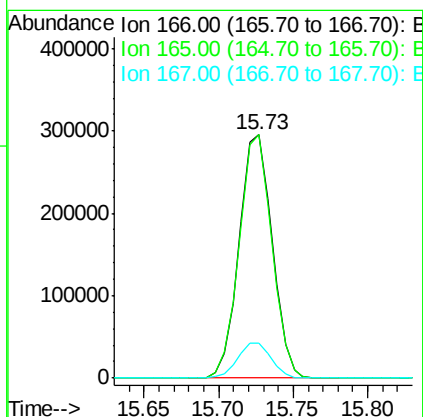
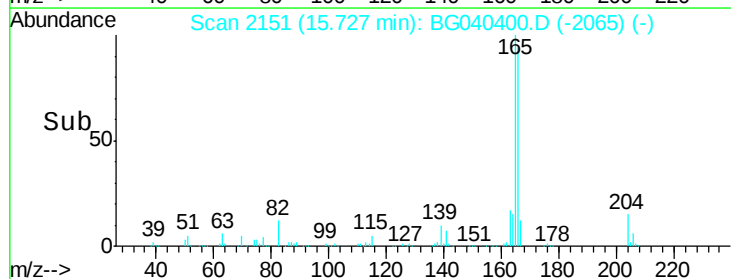
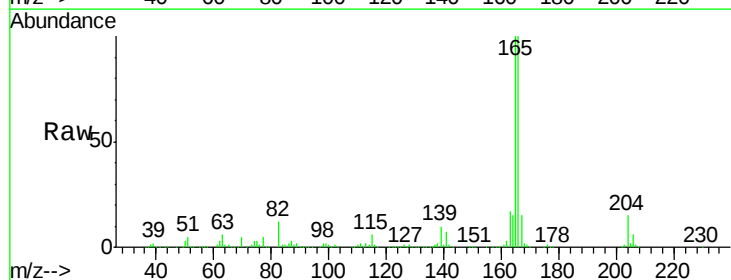
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	156276
Ion	Ratio	Lower	Upper
165	100		
63	41.4	33.8	50.6
89	68.5	55.4	83.2
182	3.3	2.2	3.4



#58
Fluorene
Concen: 50.085 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:	166	Resp:	453803
Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.7	122.5
167	14.6	11.9	17.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.099 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 136025

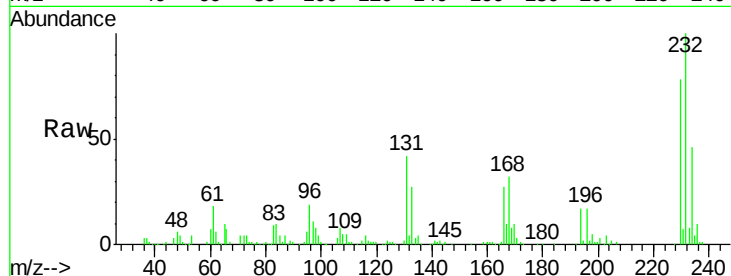
Ion Ratio Lower Upper

232 100

131 42.3 32.9 49.3

130 2.4 1.8 2.8

166 29.3 23.5 35.3

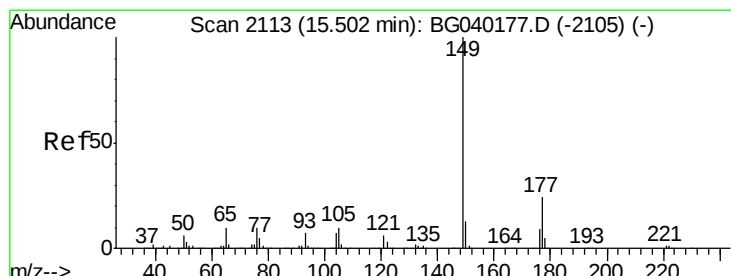
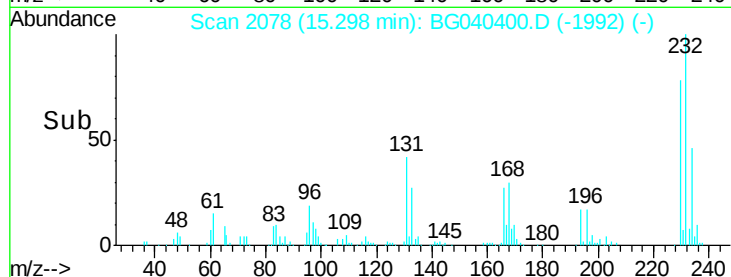
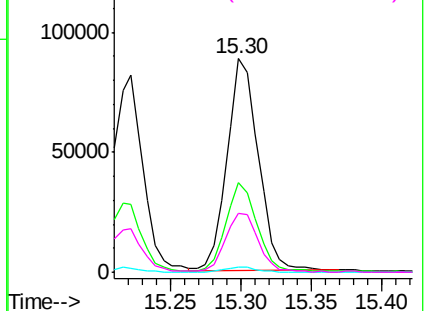


Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.223 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

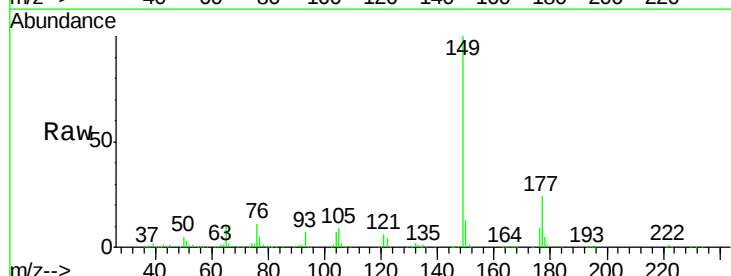
Tgt Ion:149 Resp: 499668

Ion Ratio Lower Upper

149 100

177 24.1 19.1 28.7

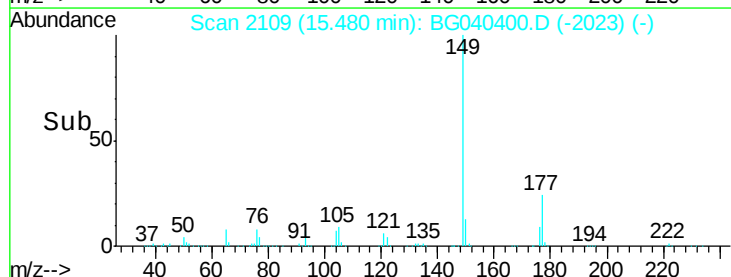
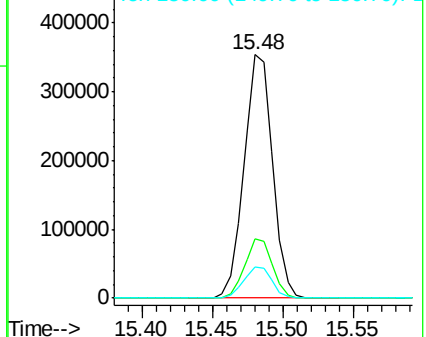
150 12.9 10.6 15.8

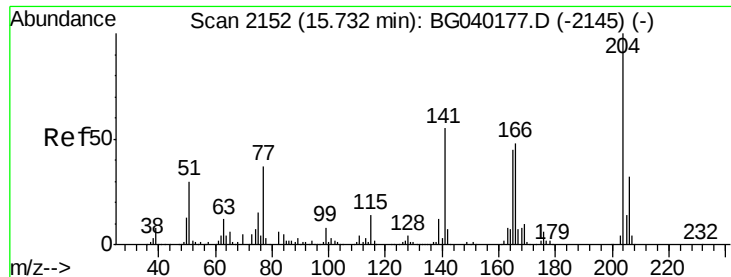


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

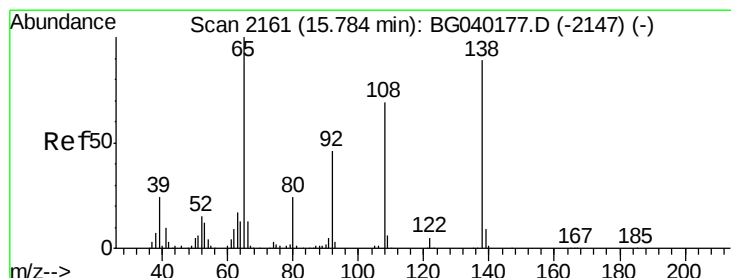
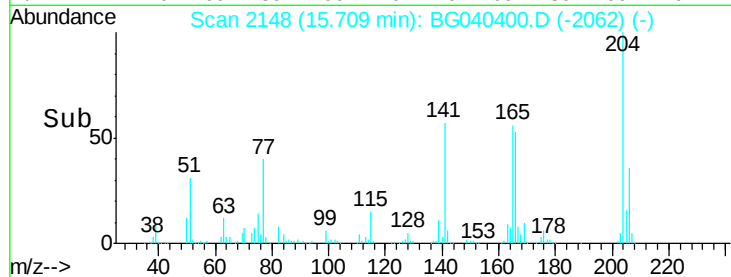
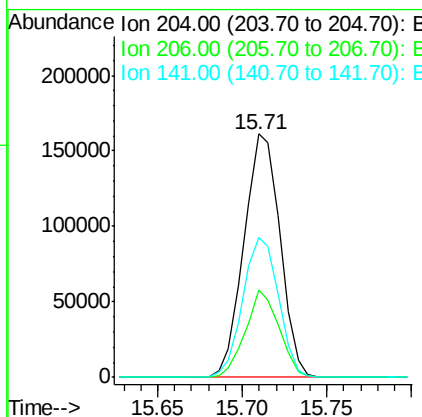
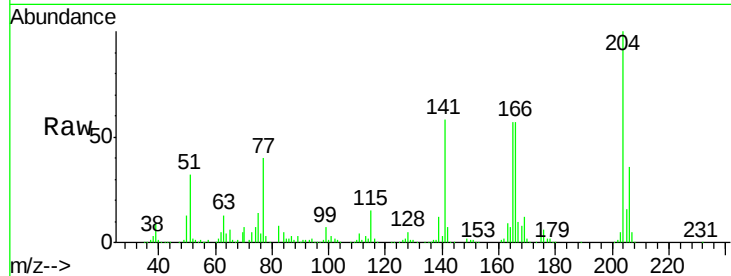




#61
 4-Chlorophenyl-phenylether
 Concen: 49.586 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

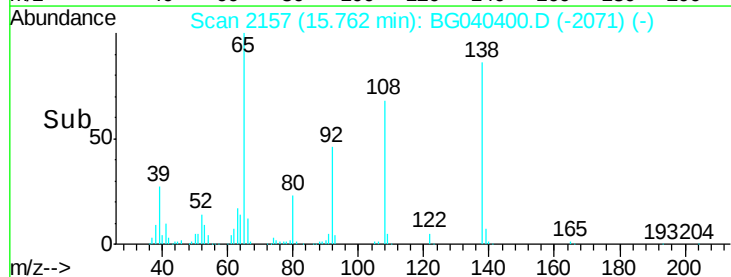
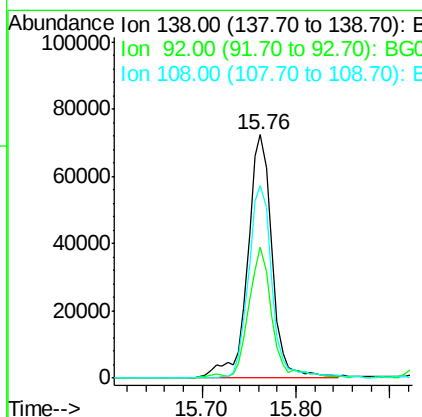
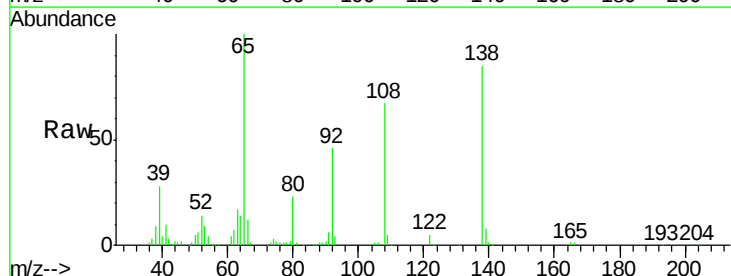
Instrument :
 BNA_G
 ClientSampled :

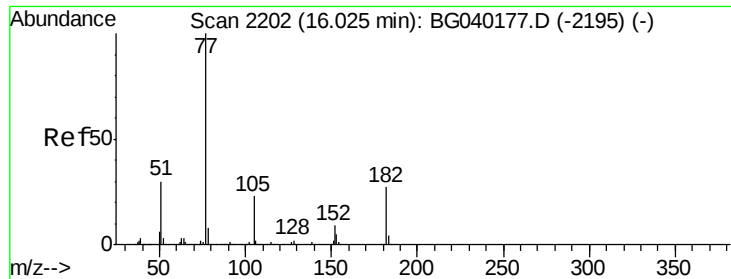
Tot Ion:204 Resp: 240158
 Ion Ratio Lower Upper
 204 100
 206 35.8 25.7 38.5
 141 57.6 44.0 66.0



#62
 4-Nitroaniline
 Concen: 53.779 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion:138 Resp: 130764
 Ion Ratio Lower Upper
 138 100
 92 53.7 31.8 71.8
 108 79.1 57.2 97.2





#63

Azobenzene

Concen: 50.187 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 461780

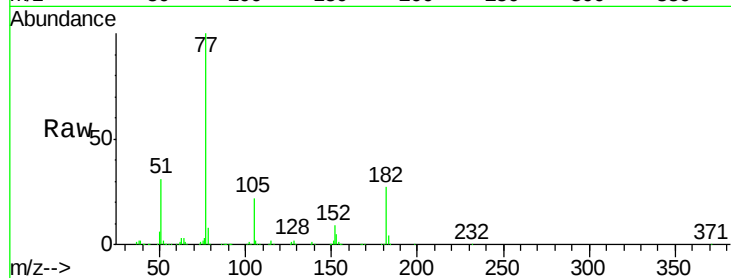
Ion Ratio Lower Upper

77 100

182 27.0 7.2 47.2

105 22.4 2.8 42.8

51 31.3 10.4 50.4

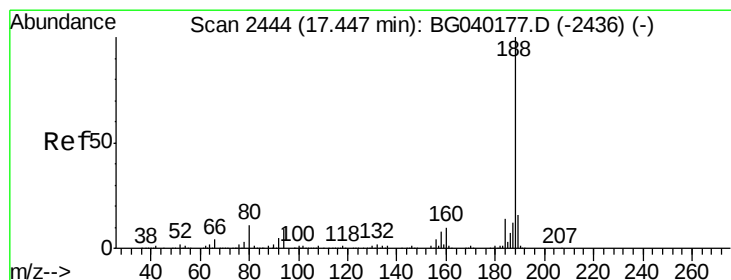
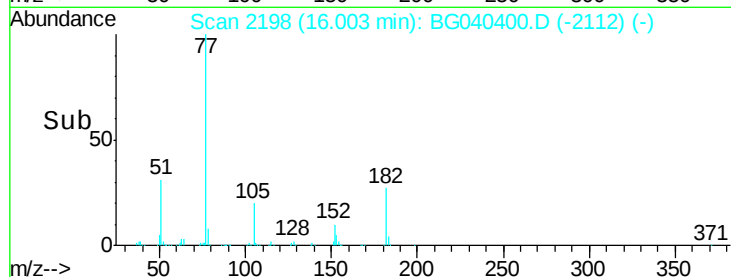
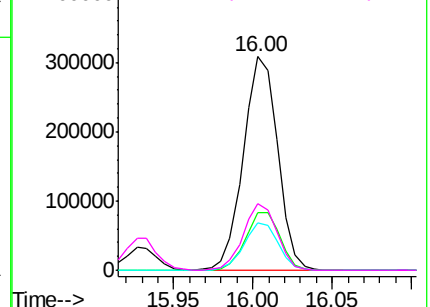


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

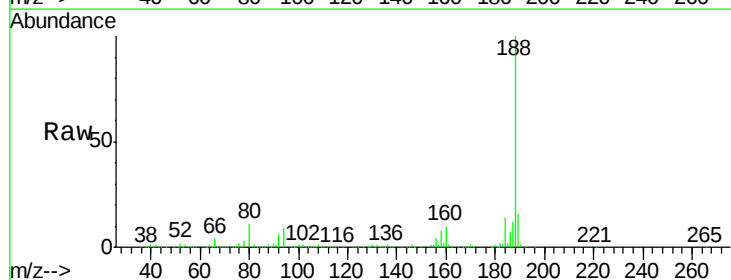
Tgt Ion: 188 Resp: 331580

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

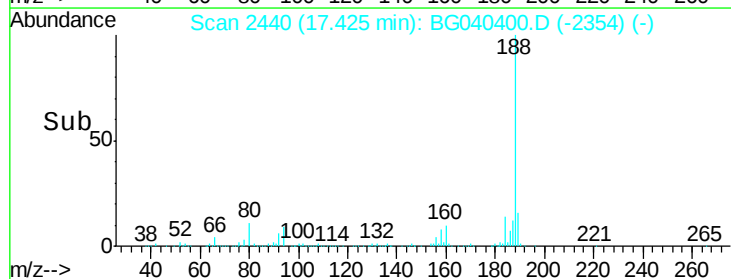
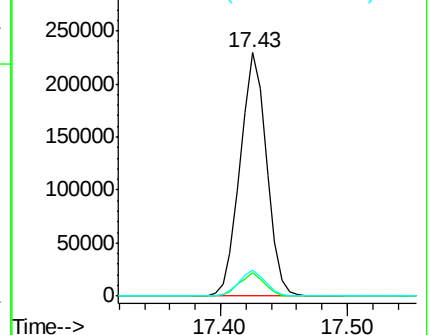
80 10.9 8.6 13.0

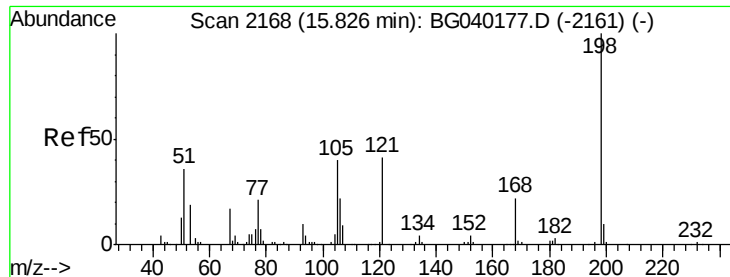


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 44.142 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

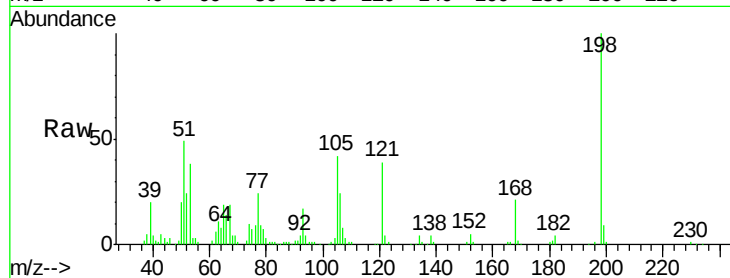
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 82230

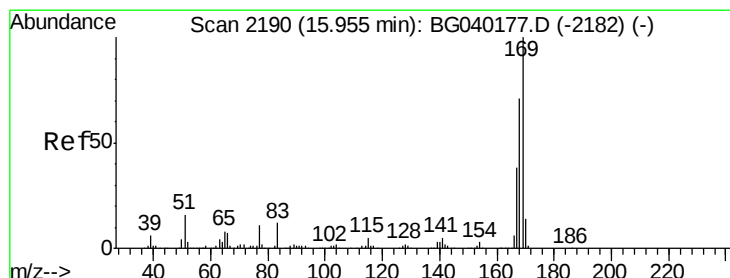
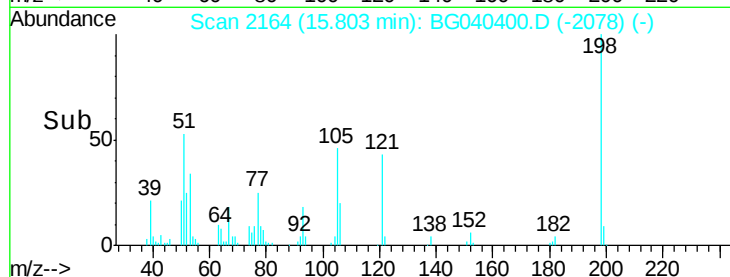
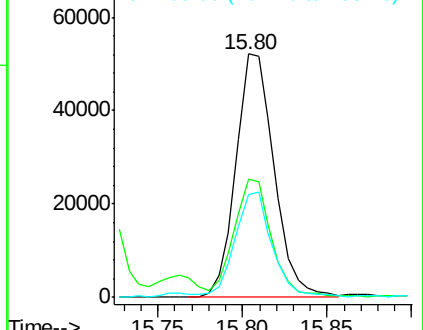
Ion	Ratio	Lower	Upper
198	100		
51	48.6	27.3	67.3
105	42.3	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.197 ng

RT: 15.93 min Scan# 2186

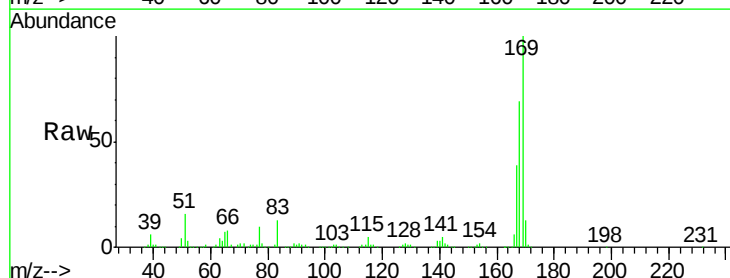
Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Tgt Ion:169 Resp: 438549

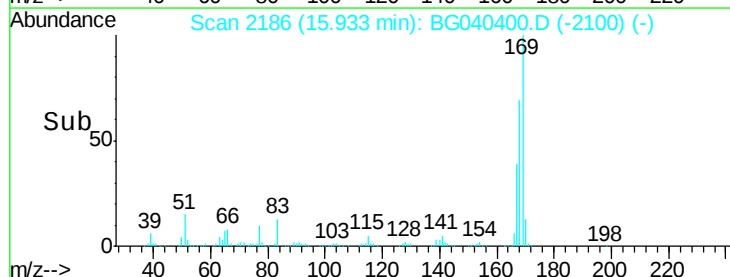
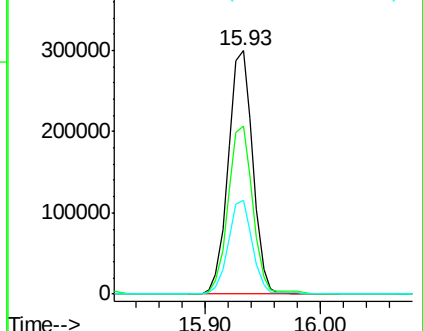
Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.8	85.2
167	38.7	30.2	45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

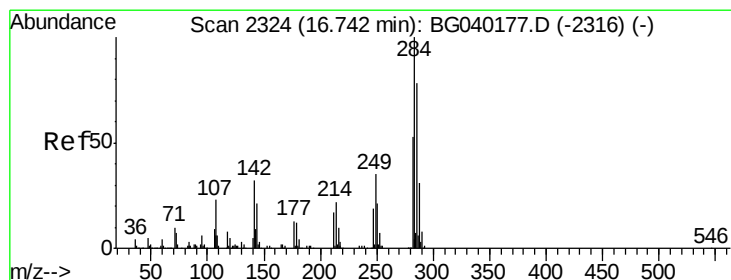
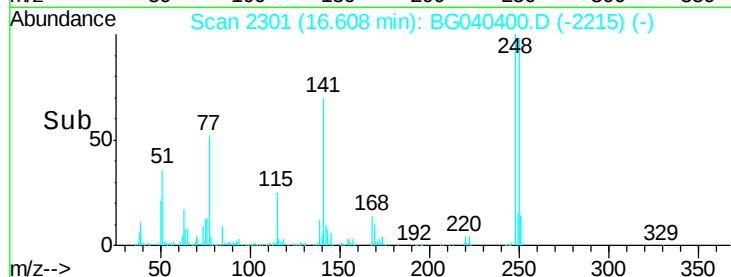
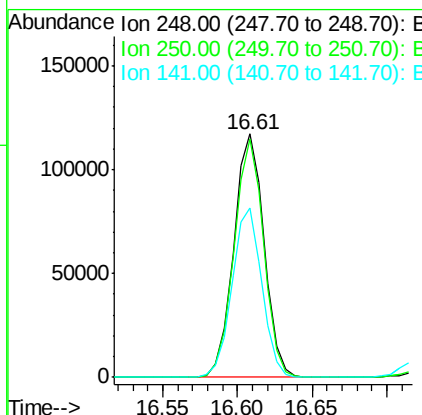
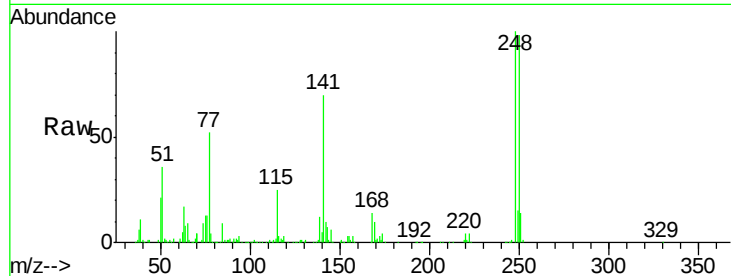




#67
 4-Bromophenyl-phenylether
 Concen: 44.292 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

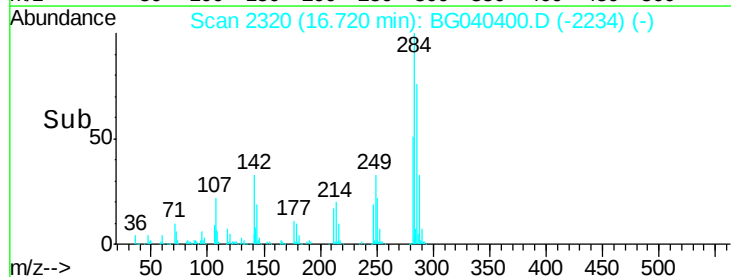
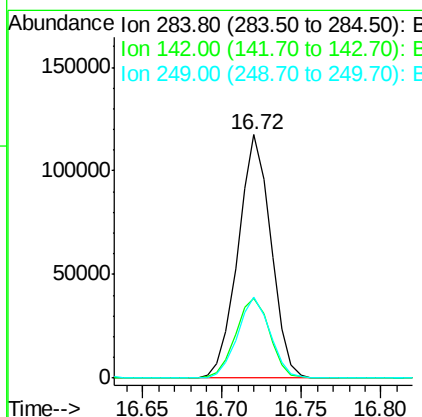
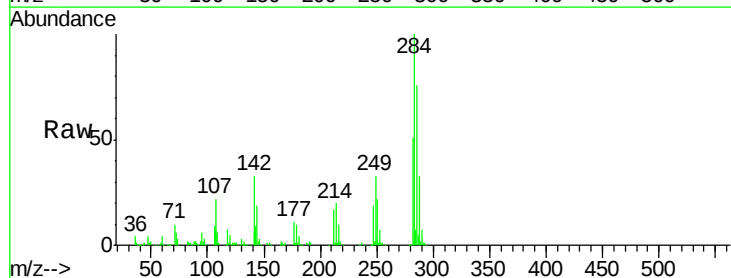
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 165274
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.4 114.6
 141 69.8 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 44.997 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion:284 Resp: 168819
 Ion Ratio Lower Upper
 284 100
 142 32.6 25.3 37.9
 249 33.2 28.2 42.2





#69

Atrazine

Concen: 47.538 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

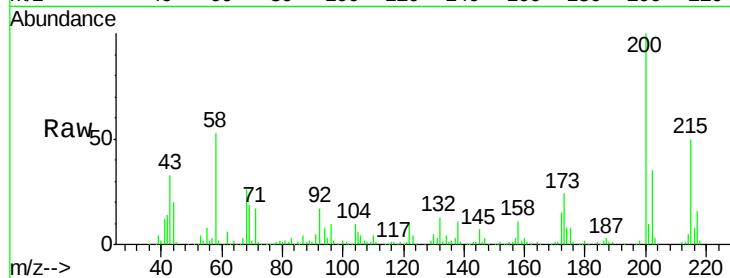
Tot Ion:200 Resp: 171584

Ion Ratio Lower Upper

200 100

173 24.5 7.1 47.1

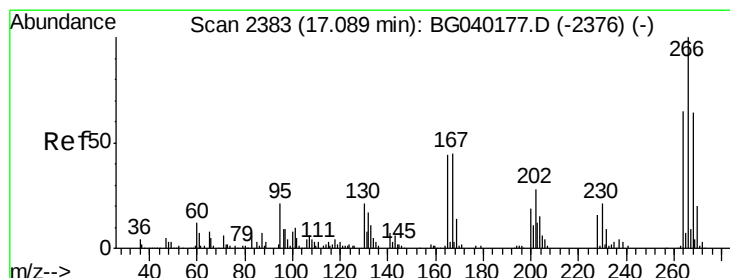
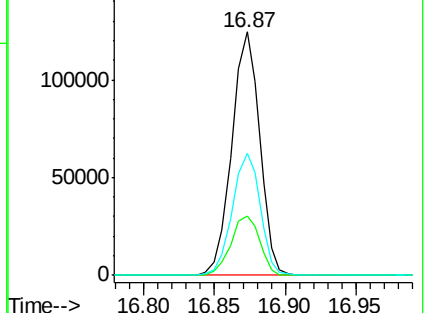
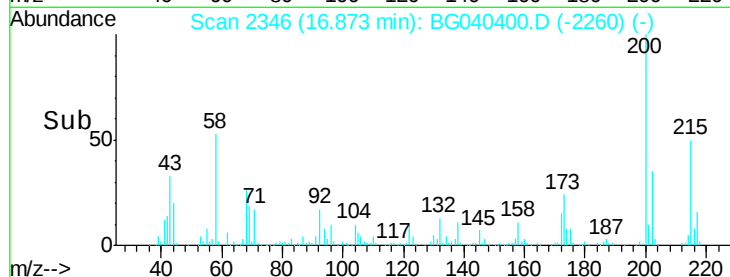
215 50.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 87.460 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

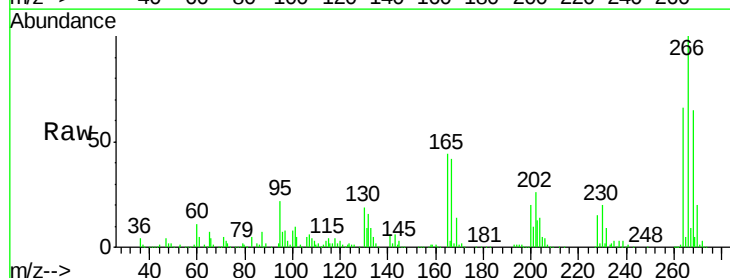
Tgt Ion:266 Resp: 189705

Ion Ratio Lower Upper

266 100

268 70.9 55.0 82.4

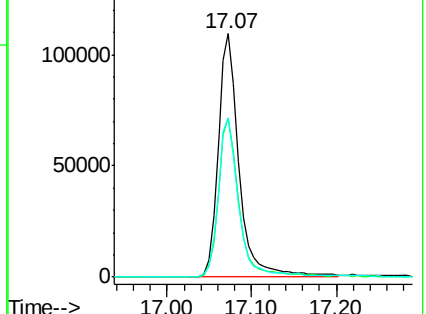
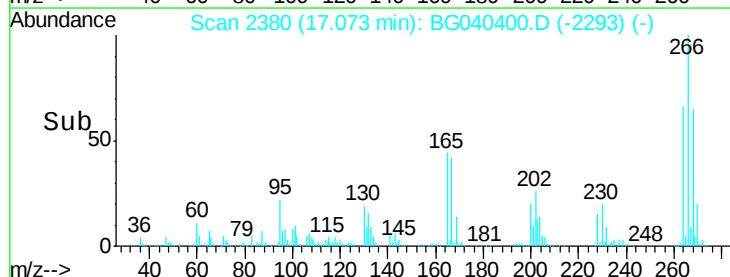
264 65.6 51.8 77.8

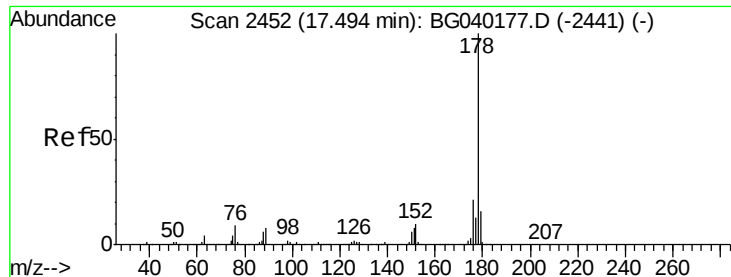


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

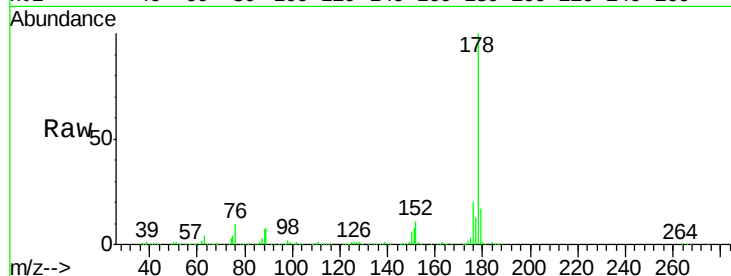




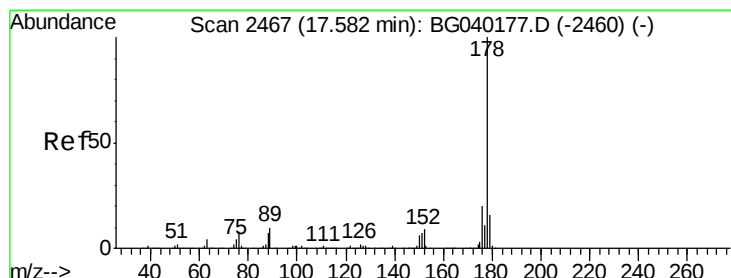
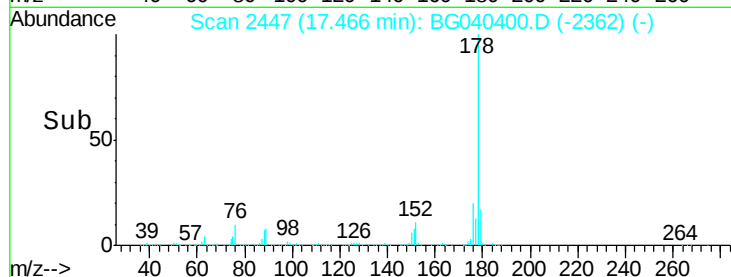
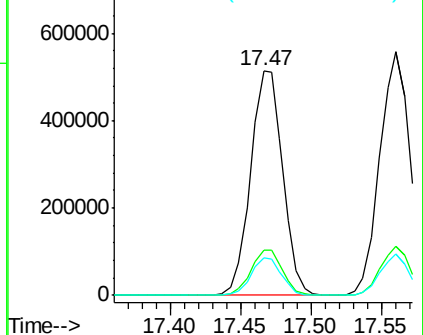
#71
Phenanthrene
Concen: 47.067 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 820301
Ion Ratio Lower Upper
178 100
176 20.2 16.7 25.1
179 16.8 12.8 19.2

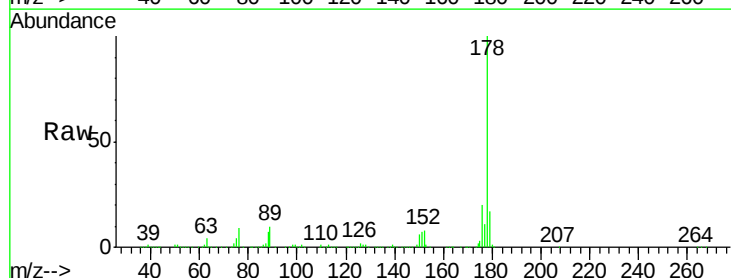


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

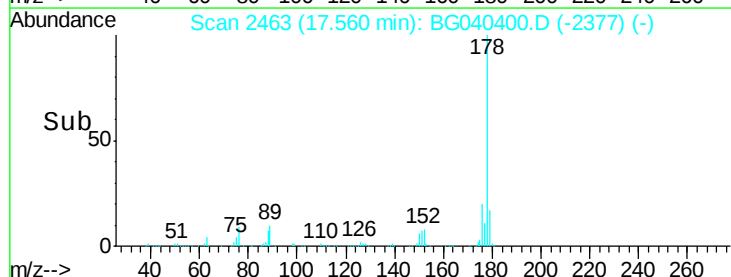
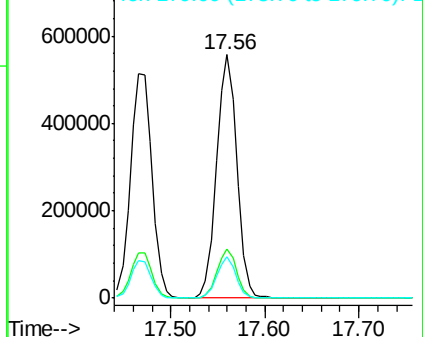


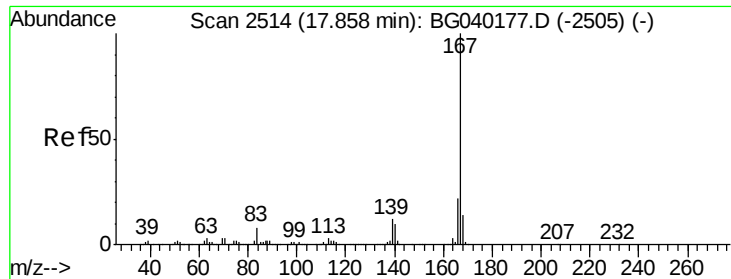
#72
Anthracene
Concen: 48.254 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:178 Resp: 841771
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.9 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

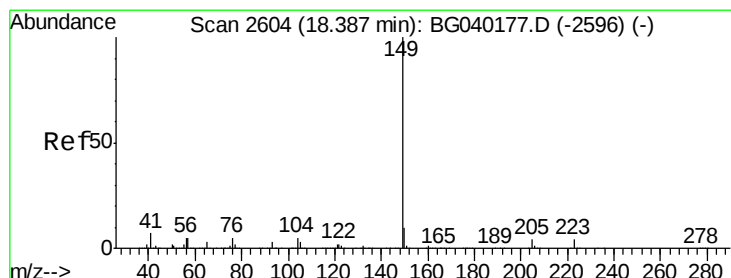
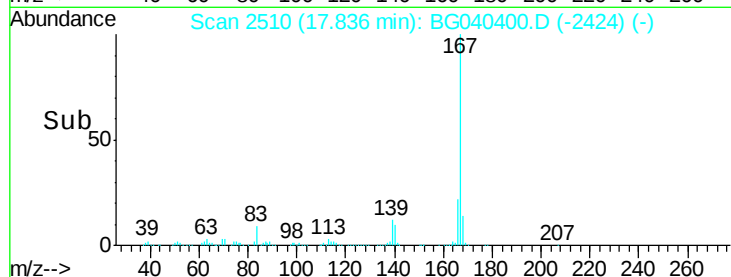
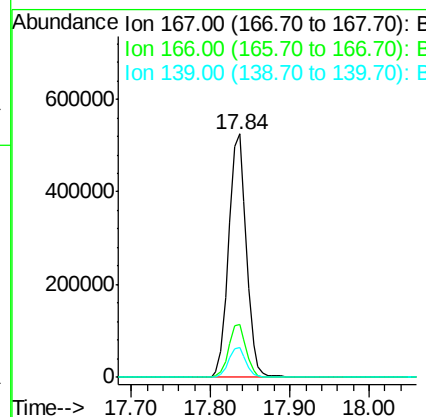
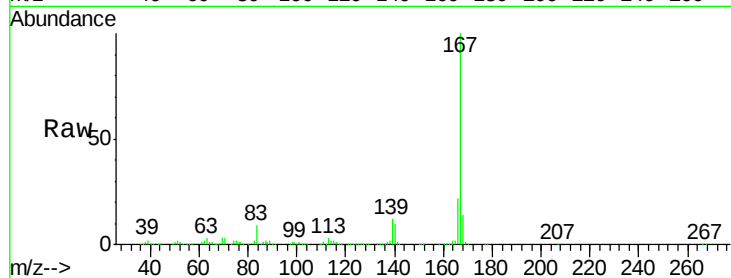




#73
 Carbazole
 Concen: 49.228 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

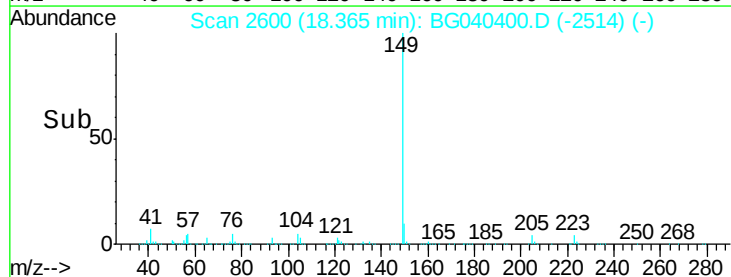
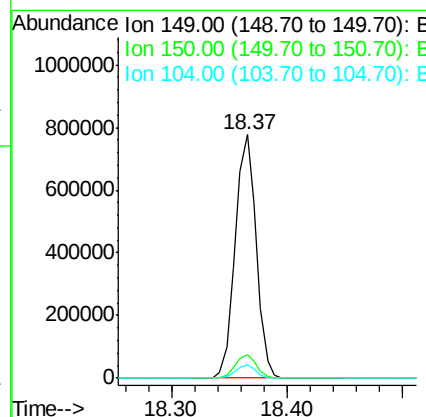
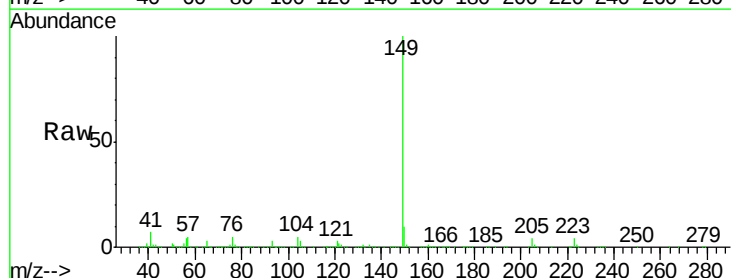
Instrument :
 BNA_G
 ClientSampleId :

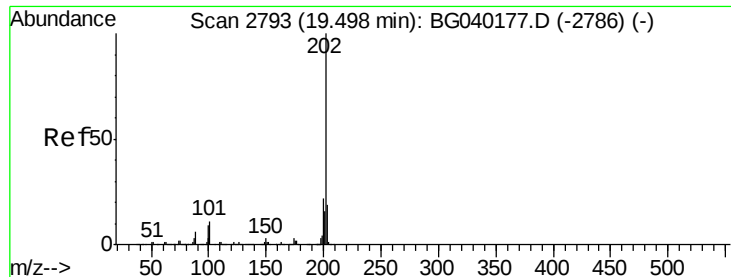
Tot Ion:167 Resp: 812716
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 12.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 49.985 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040400.D
 Acq: 9 Apr 2019 15:44

Tgt Ion:149 Resp: 978161
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 50.114 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

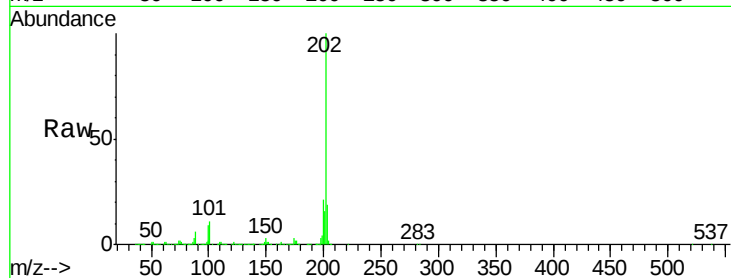
Tot Ion:202 Resp: 1034228

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

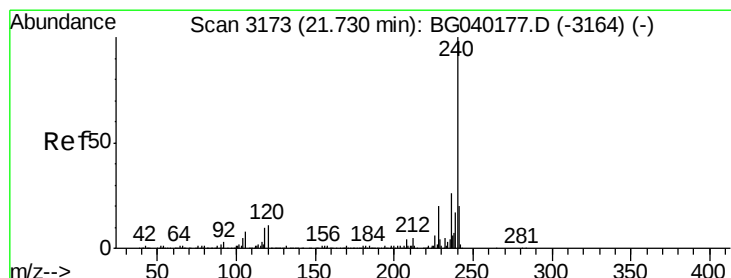
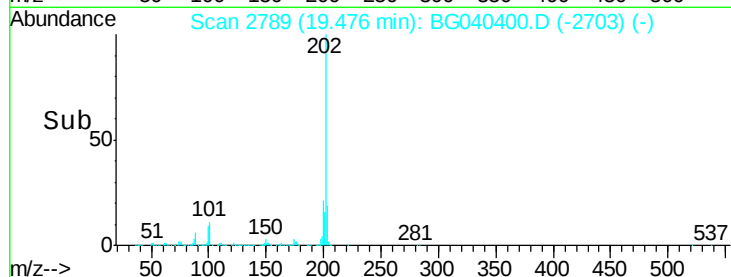
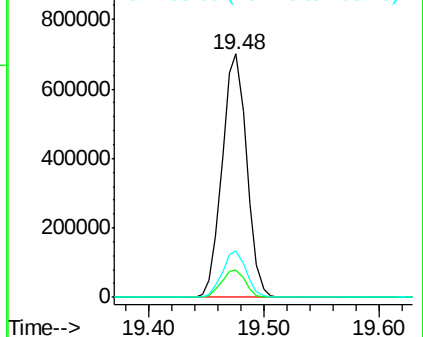
203 19.2 0.0 38.9



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: BG040400.D

Acq: 9 Apr 2019 15:44

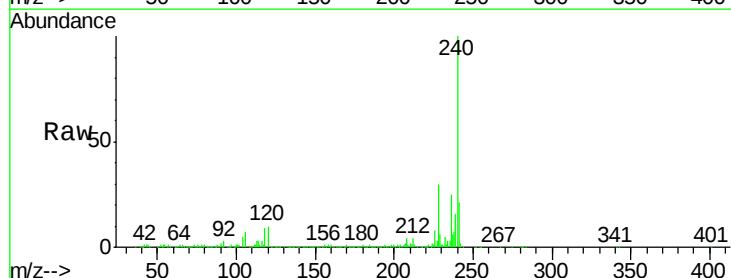
Tgt Ion:240 Resp: 361939

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

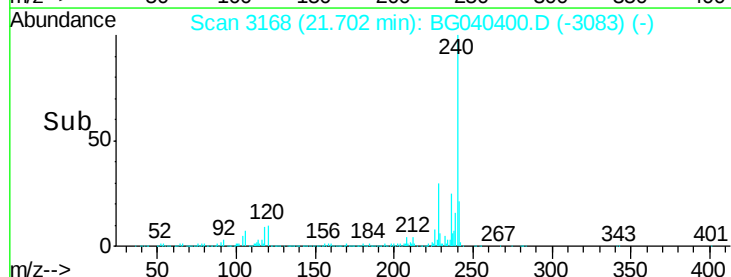
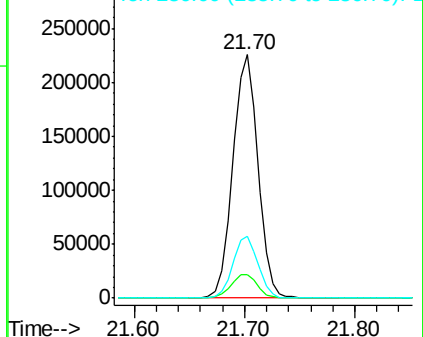
236 25.3 20.8 31.2

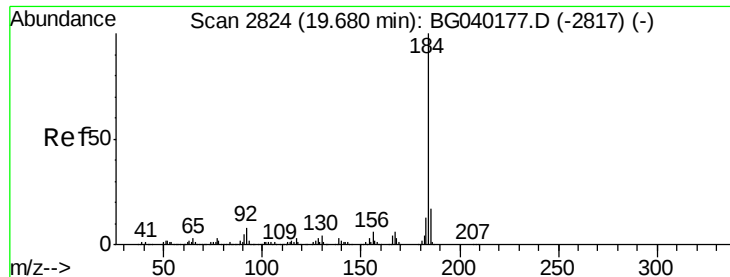


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.180 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

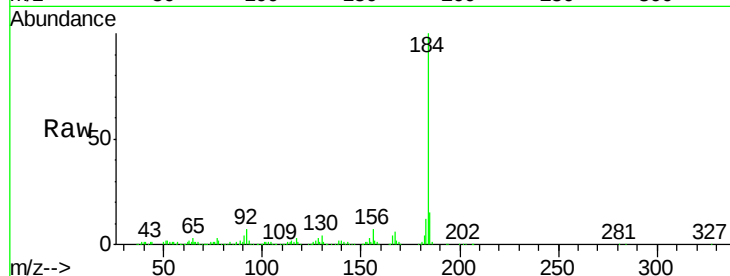
Tot Ion:184 Resp: 420599

Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.3	19.9
183	12.1	10.3	15.5

184 100

185 15.4 13.3 19.9

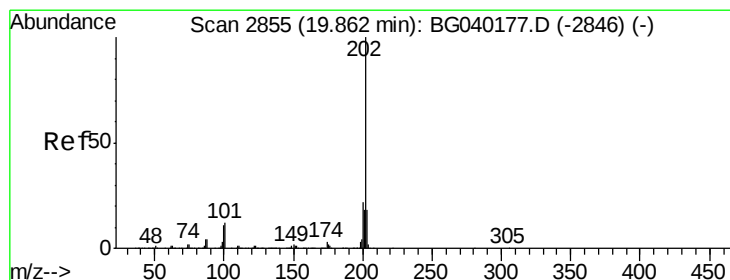
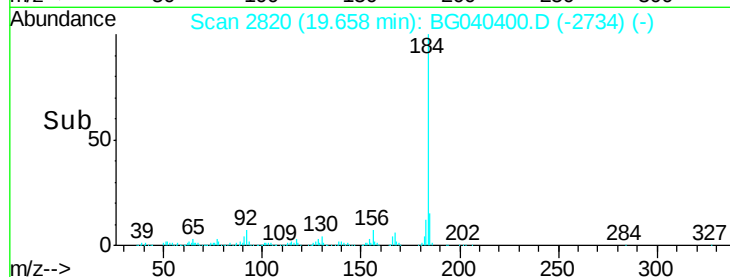
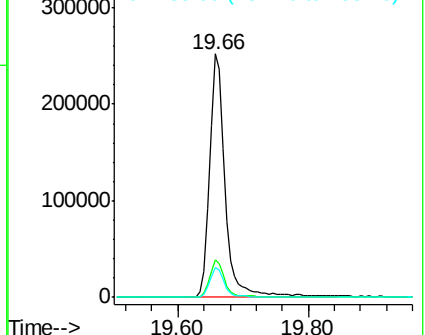
183 12.1 10.3 15.5



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: 43.948 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

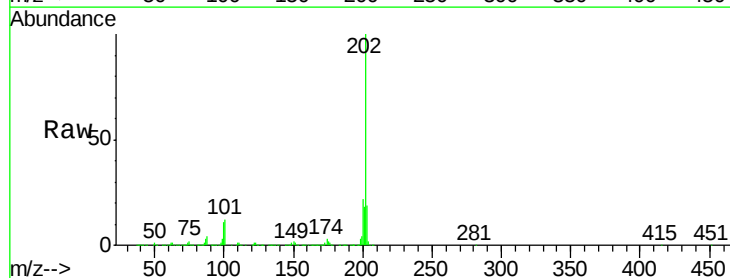
Tgt Ion:202 Resp: 1046032

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.3	25.9
203	19.1	14.6	22.0

202 100

200 22.4 17.3 25.9

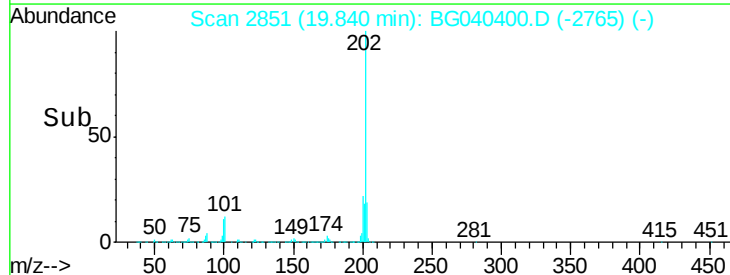
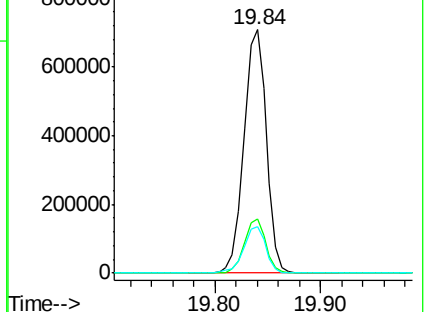
203 19.1 14.6 22.0



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: 80.096 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

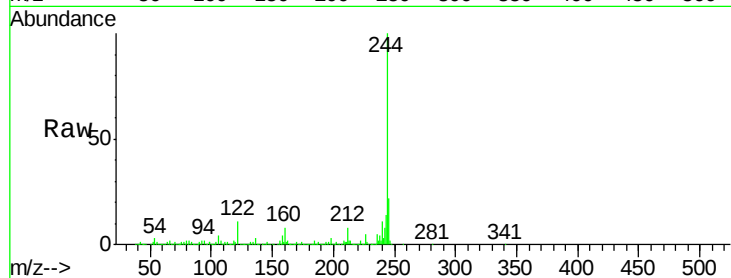
Tot Ion:244 Resp: 1288630

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

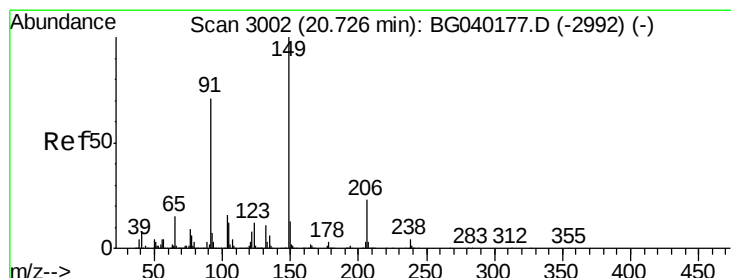
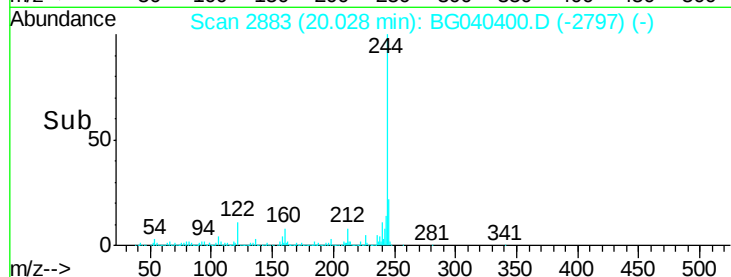
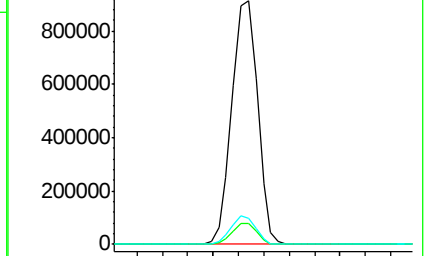
122 10.9 8.5 12.7



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: 47.553 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

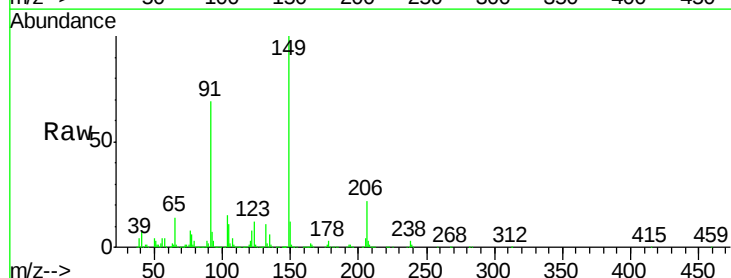
Tgt Ion:149 Resp: 484329

Ion Ratio Lower Upper

149 100

91 69.2 57.0 85.4

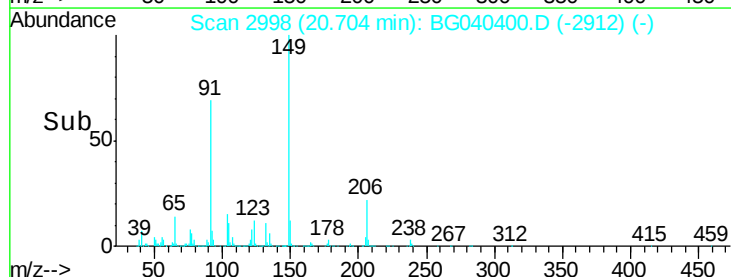
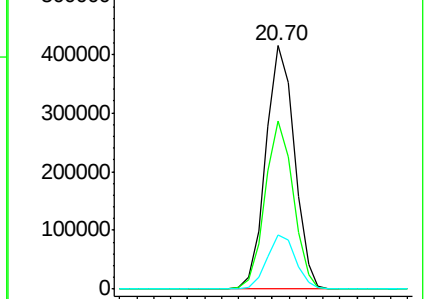
206 22.3 18.2 27.4

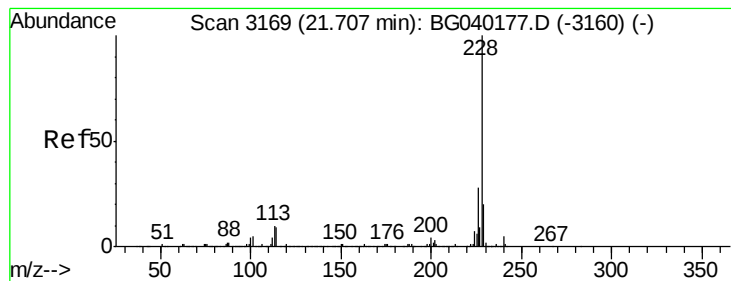


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.247 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

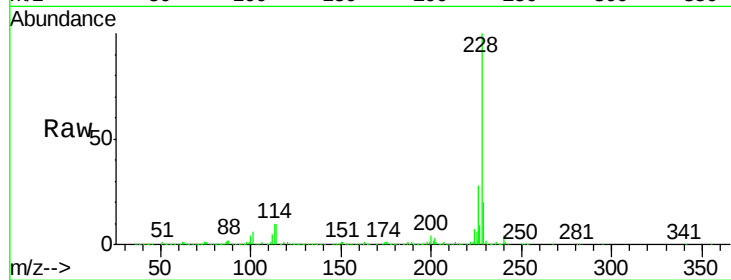
Tot Ion:228 Resp: 986417

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

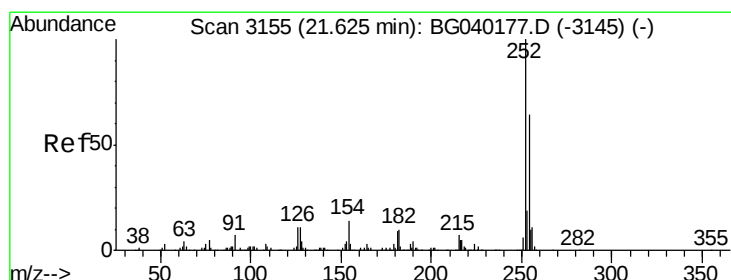
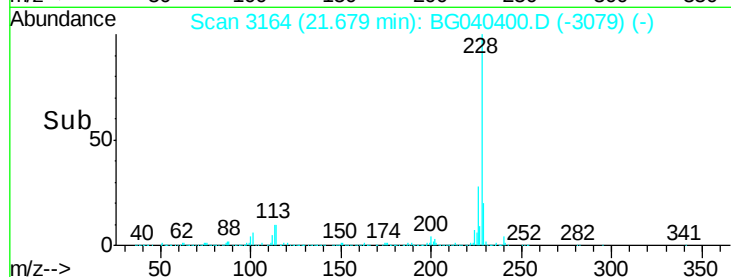
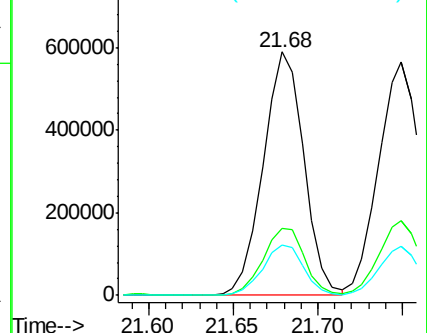
229 20.5 16.1 24.1



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: 29.873 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.03 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

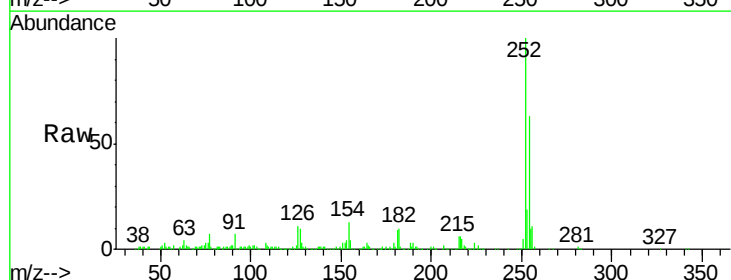
Tgt Ion:252 Resp: 253336

Ion Ratio Lower Upper

252 100

254 62.6 51.4 77.2

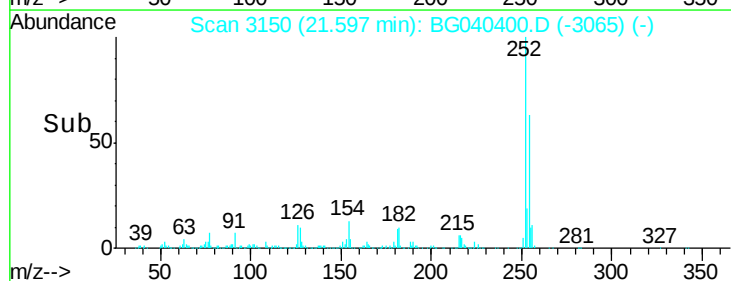
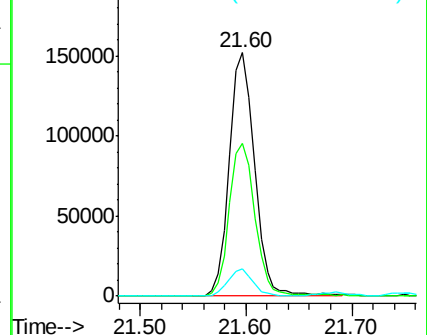
126 11.4 8.5 12.7

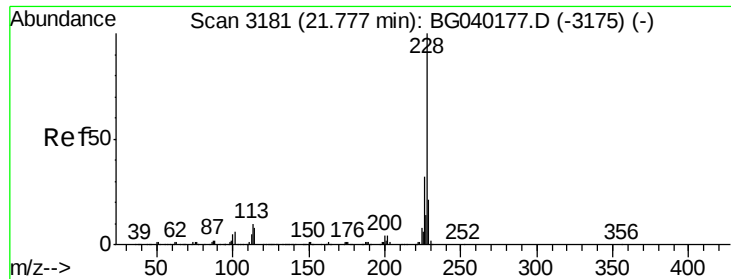


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

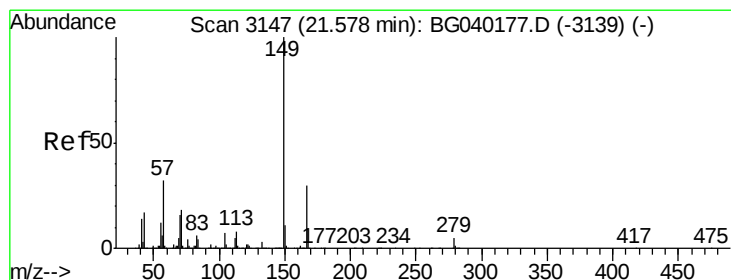
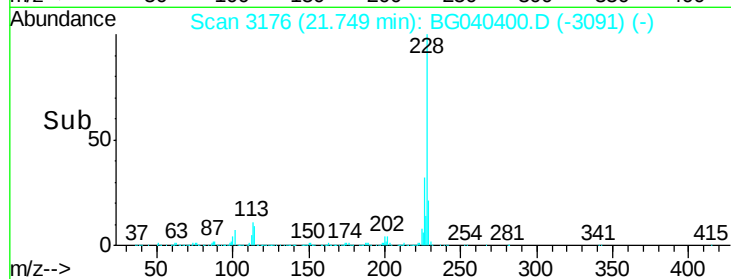
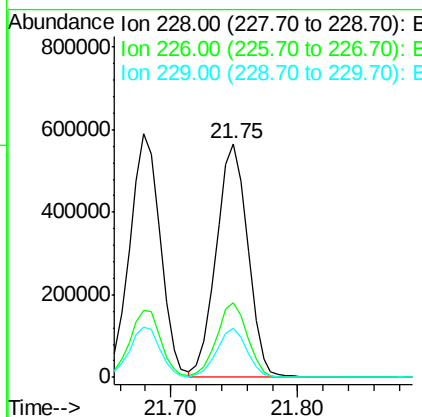
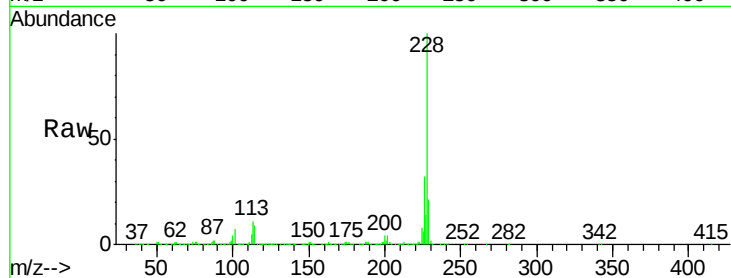




#83
Chrysene
Concen: 45.351 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.03 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

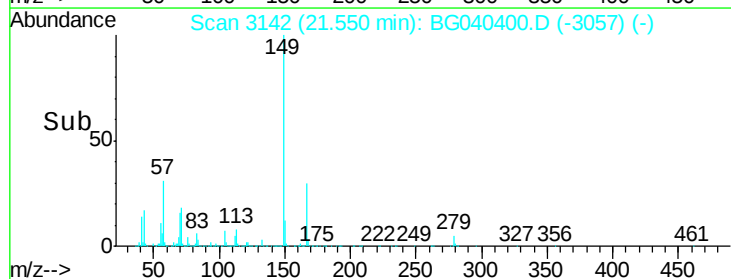
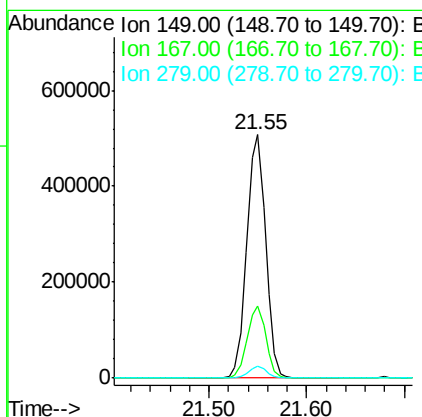
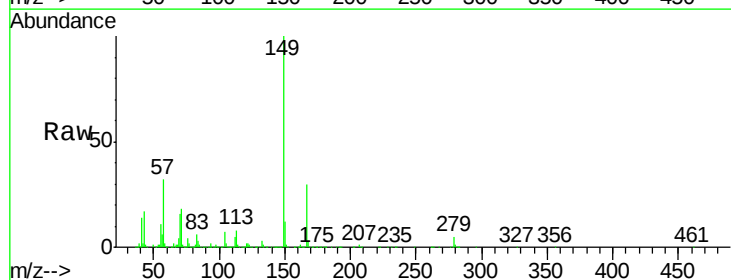
Instrument :
BNA_G
ClientSampleId :

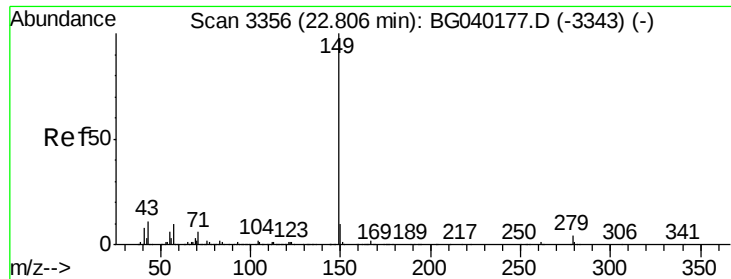
Tot Ion:228 Resp: 971660
Ion Ratio Lower Upper
228 100
226 31.7 25.4 38.0
229 20.8 17.0 25.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.310 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.03 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:149 Resp: 688798
Ion Ratio Lower Upper
149 100
167 29.5 24.1 36.1
279 5.1 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 47.384 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.03 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

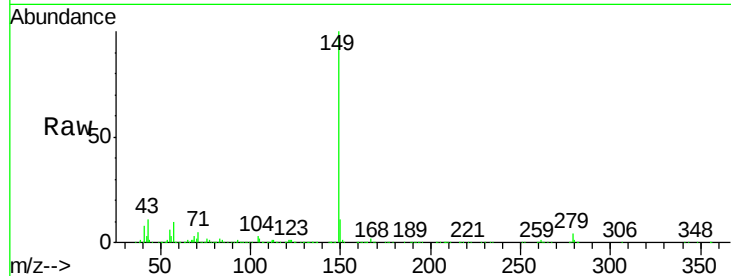
Tot Ion:149 Resp: 1175370

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

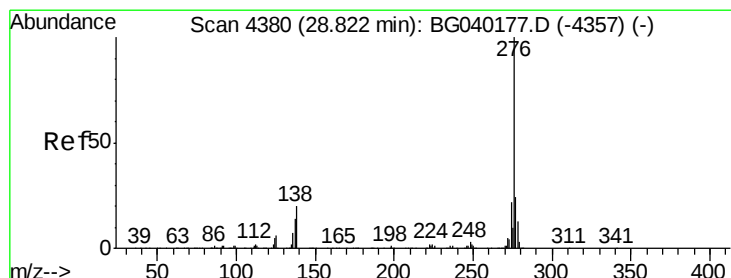
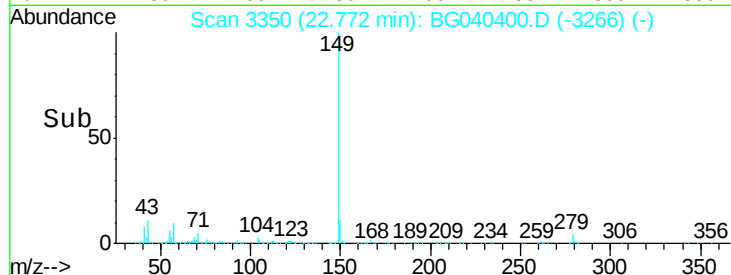
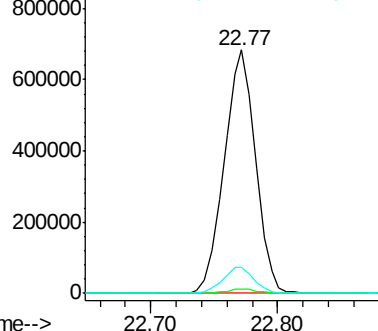
43 10.5 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.059 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.07 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

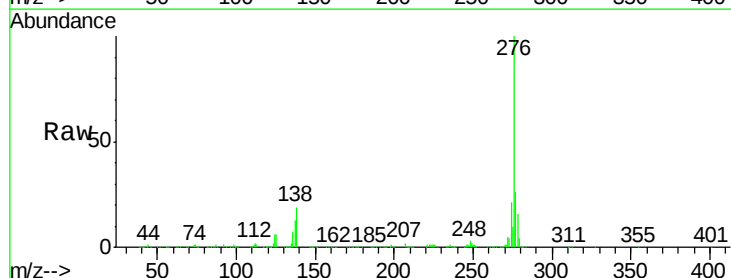
Tgt Ion:276 Resp: 1233161

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

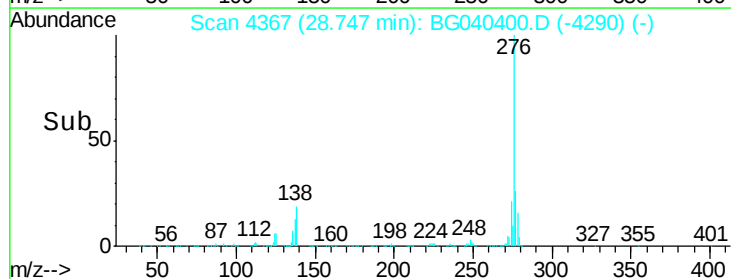
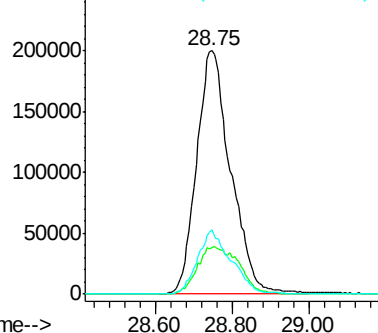
277 25.6 21.0 31.4

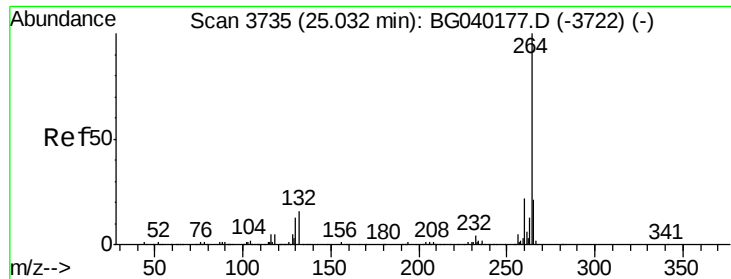


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3725

Delta R.T. -0.06 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

Instrument :

BNA_G

ClientSampleId :

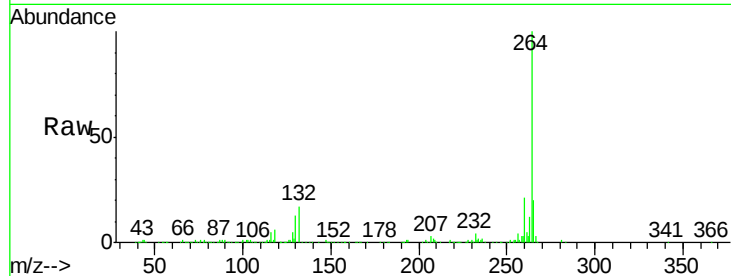
Tot Ion:264 Resp: 381967

Ion Ratio Lower Upper

264 100

260 21.4 17.9 26.9

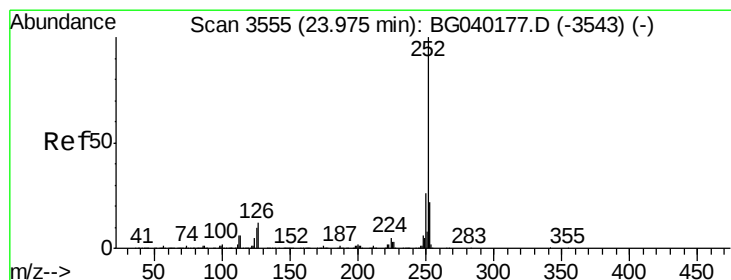
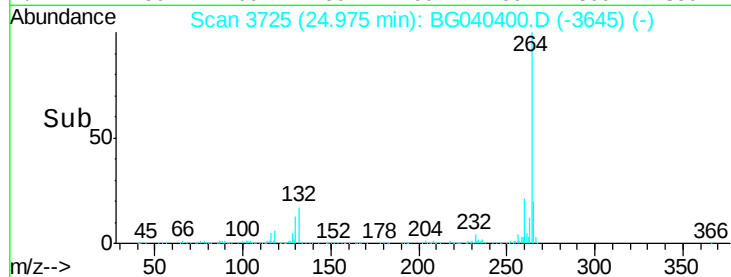
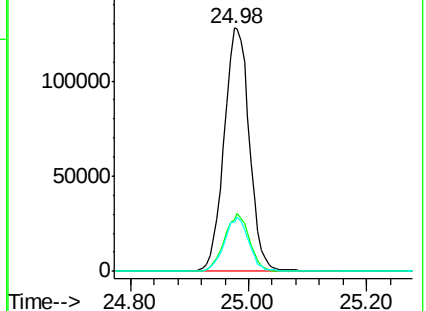
265 20.4 16.8 25.2



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: 45.137 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.05 min

Lab File: BG040400.D

Acq: 9 Apr 2019 15:44

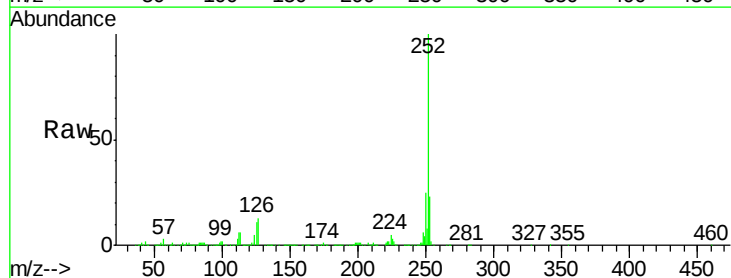
Tgt Ion:252 Resp: 1055551

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

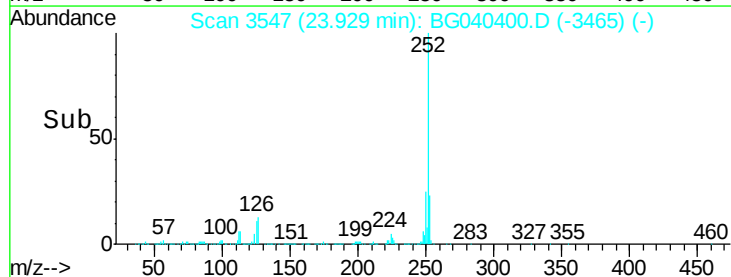
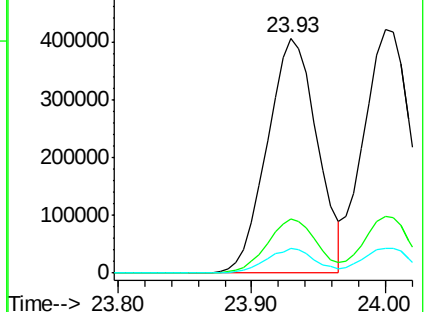
125 10.7 8.2 12.4

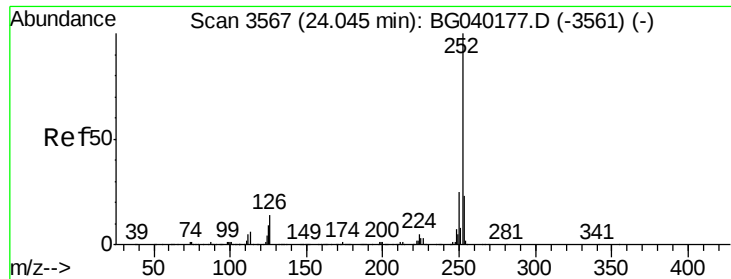


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

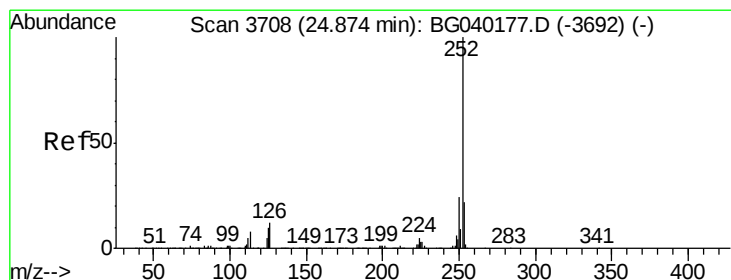
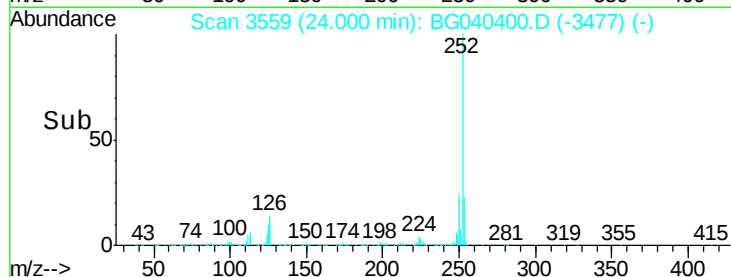
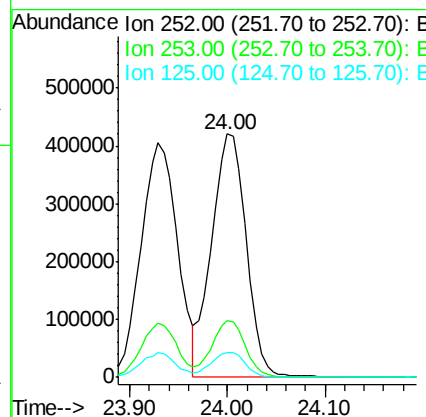
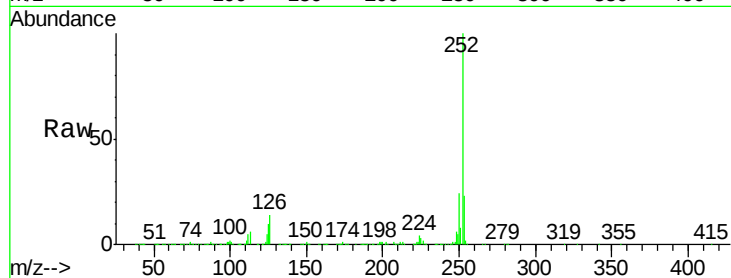




#89
Benzo(k)fluoranthene
Concen: 47.834 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.05 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

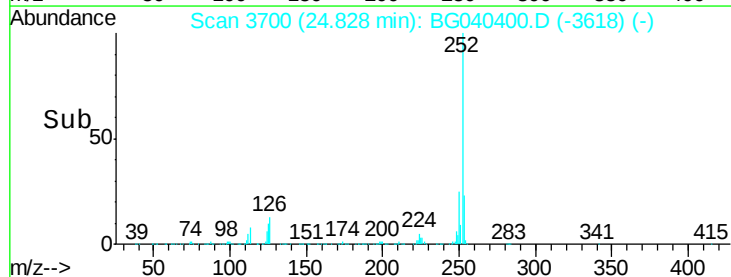
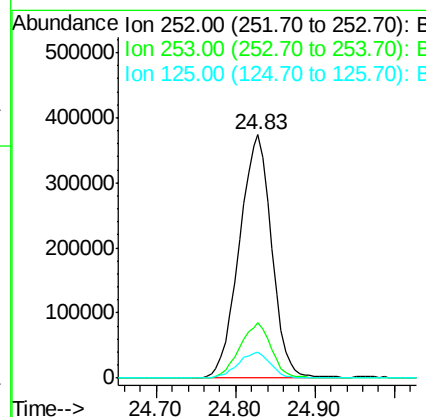
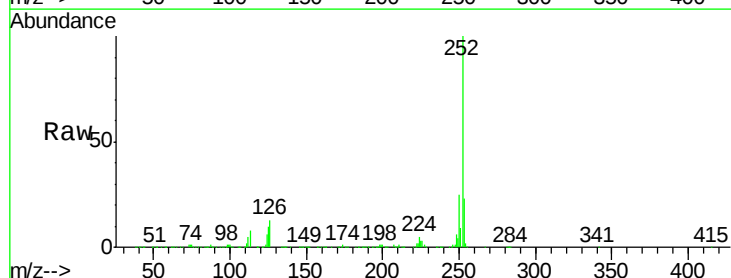
Instrument :
BNA_G
ClientSampleId :

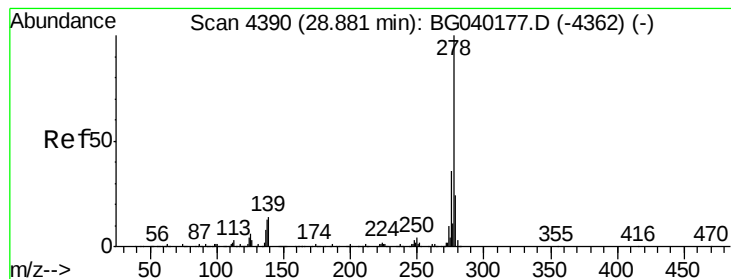
Tot Ion:252 Resp: 1028707
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 10.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 48.039 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.05 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion:252 Resp: 1054049
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.5 8.3 12.5

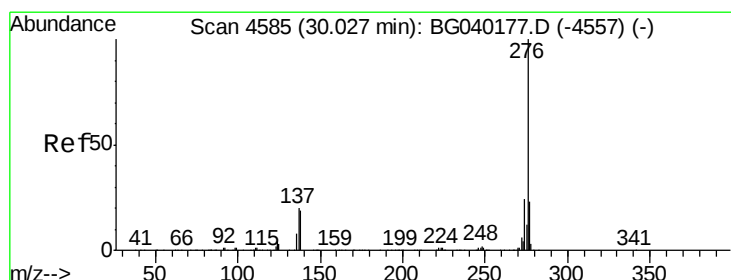
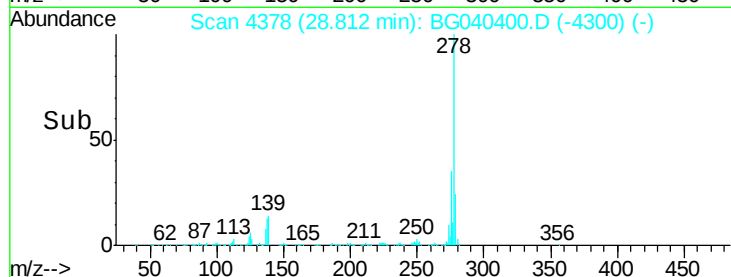
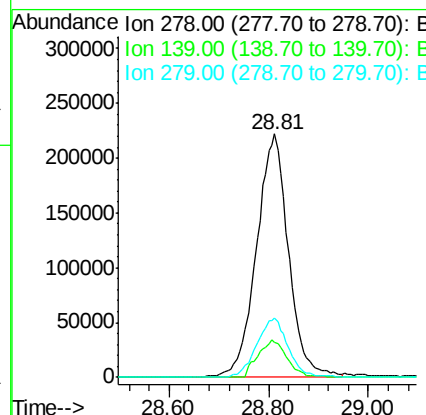
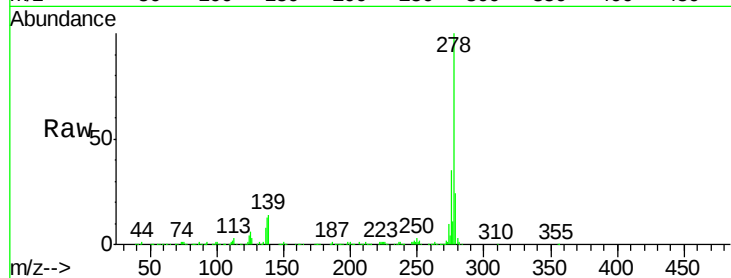




#91
Dibenzo(a,h)anthracene
Concen: 48.558 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.07 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.2	16.8
279	24.2	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 49.206 ng
RT: 29.93 min Scan# 4569
Delta R.T. -0.09 min
Lab File: BG040400.D
Acq: 9 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	19.9	15.2	22.8

