

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042684.D
 Acq On : 3 Sep 2019 12:06
 Operator : HP/JU
 Sample : PB122722BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:03:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30450	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	115610	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	88695	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	210712	20.00	ng	0.00
76) Chrysene-d12	21.69	240	228518	20.00	ng	0.00
87) Perylene-d12	24.92	264	271141	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	172320	114.61	ng	0.00
7) Phenol-d6	7.17	99	213063	104.91	ng	0.00
23) Nitrobenzene-d5	9.17	82	113814	68.03	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	155561	123.40	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	385576	73.52	ng	0.00
79) Terphenyl-d14	20.02	244	794058	75.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	23333	37.188	ng	100
3) Pyridine	3.82	79	51063	31.738	ng	97
4) n-Nitrosodimethylamine	3.74	42	23422	40.760	ng	97
6) Aniline	7.32	93	75579	27.902	ng	98
8) 2-Chlorophenol	7.57	128	79132	43.429	ng	99
9) Benzaldehyde	7.13	77	42004	41.312	ng	98
10) Phenol	7.19	94	83460	40.419	ng	92
11) bis(2-Chloroethyl)ether	7.42	93	60690	37.424	ng	98
12) 1,3-Dichlorobenzene	7.89	146	92842	40.053	ng	99
13) 1,4-Dichlorobenzene	8.04	146	94761	40.359	ng	99
14) 1,2-Dichlorobenzene	8.36	146	90654	40.318	ng	97
15) Benzyl Alcohol	8.24	79	57572	39.403	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75898	34.531	ng	98
17) 2-Methylphenol	8.46	107	60896	40.040	ng	95
18) Hexachloroethane	9.09	117	31581	39.290	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	46865	35.620	ng	95
20) 3+4-Methylphenols	8.78	107	80396	38.201	ng	96
22) Acetophenone	8.83	105	106351	43.010	ng	98
24) Nitrobenzene	9.21	77	69908	41.265	ng	97
25) Isophorone	9.74	82	129437	39.203	ng	99
26) 2-Nitrophenol	9.93	139	46966	44.238	ng	94
27) 2,4-Dimethylphenol	9.99	122	71289	48.747	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	82450	39.621	ng	97
29) 2,4-Dichlorophenol	10.48	162	88883	46.453	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	106092	45.173	ng	95
31) Naphthalene	10.87	128	236857	44.128	ng	99
32) Benzoic acid	10.15	122	28180	30.201	ng	99
33) 4-Chloroaniline	10.99	127	65380	26.386	ng	98
34) Hexachlorobutadiene	11.16	225	71974	45.600	ng	97
35) Caprolactam	11.76	113	19120	29.947	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	78768	43.366	ng	94
37) 2-Methylnaphthalene	12.49	142	193383	44.870	ng	99
38) 1-Methylnaphthalene	12.70	142	181238	44.272	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	135362	47.524	ng	100

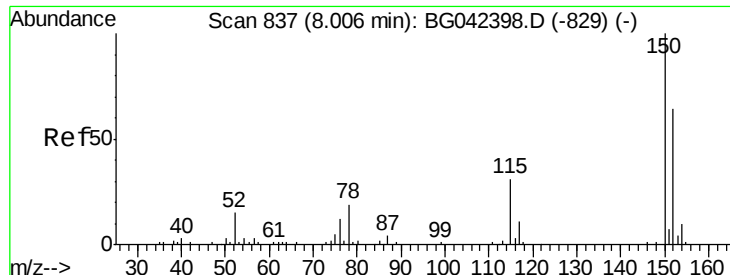
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042684.D
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 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	117044	78.228	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	83128	43.177	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	89509	44.864	ng	99
46) 1,1'-Biphenyl	13.49	154	256280	44.700	ng	96
47) 2-Chloronaphthalene	13.54	162	211965	42.876	ng	100
48) 2-Nitroaniline	13.74	65	44846	37.619	ng	96
49) Acenaphthylene	14.38	152	332765	44.741	ng	99
50) Dimethylphthalate	14.11	163	263900	41.236	ng	99
51) 2,6-Dinitrotoluene	14.23	165	64623	43.564	ng	95
52) Acenaphthene	14.72	154	196294	43.464	ng	98
53) 3-Nitroaniline	14.57	138	46698	31.477	ng	96
54) 2,4-Dinitrophenol	14.78	184	58369	60.065	ng	99
55) Dibenzofuran	15.06	168	337433	45.138	ng	100
56) 4-Nitrophenol	14.89	139	86086	81.663	ng	96
57) 2,4-Dinitrotoluene	15.02	165	91494	43.072	ng	97
58) Fluorene	15.71	166	275311	45.053	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	85651	43.411	ng	99
60) Diethylphthalate	15.47	149	259805	41.529	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	162431	44.094	ng	98
62) 4-Nitroaniline	15.73	138	64828	40.830	ng	93
63) Azobenzene	15.99	77	177222	41.341	ng	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	53722	40.665	ng	98
66) n-Nitrosodiphenylamine	15.91	169	256360	44.240	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	116131	43.450	ng	97
68) Hexachlorobenzene	16.72	284	124262	42.768	ng	98
69) Atrazine	16.86	200	96059	46.876	ng	98
70) Pentachlorophenol	17.07	266	119201	78.960	ng	98
71) Phenanthrene	17.46	178	475071	45.390	ng	98
72) Anthracene	17.54	178	488954	46.796	ng	99
73) Carbazole	17.81	167	421831	45.298	ng	97
74) Di-n-butylphthalate	18.37	149	478304	43.451	ng	100
75) Fluoranthene	19.47	202	617657	48.355	ng	97
77) Benzidine	19.64	184	262244	40.027	ng	98
78) Pyrene	19.82	202	630067	44.972	ng	99
80) Butylbenzylphthalate	20.71	149	224363	40.715	ng	96
81) Benzo(a)anthracene	21.67	228	625862	45.022	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	202890	36.290	ng	96
83) Chrysene	21.73	228	603609	45.024	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	321081	41.965	ng	98
85) Di-n-octyl phthalate	22.78	149	555476	42.212	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	782326	42.940	ng	# 95
88) Benzo(b)fluoranthene	23.90	252	681916	45.747	ng	# 99
89) Benzo(k)fluoranthene	23.97	252	649348	45.320	ng	# 98
90) Benzo(a)pyrene	24.78	252	665904	47.077	ng	98
91) Dibenzo(a,h)anthracene	28.70	278	644825	45.024	ng	98
92) Benzo(g,h,i)perylene	29.80	276	636222	44.417	ng	96

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

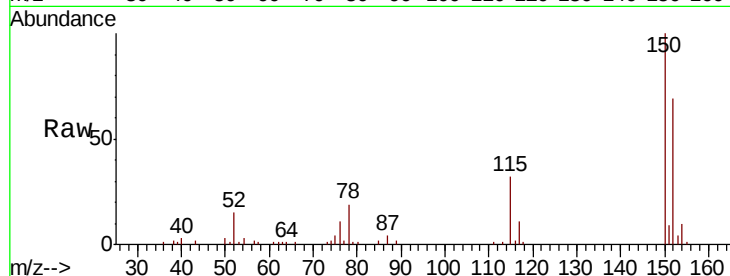


#1

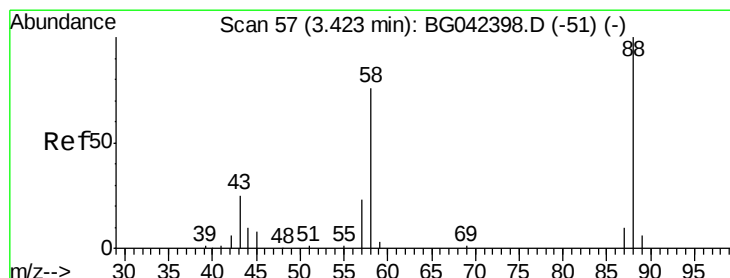
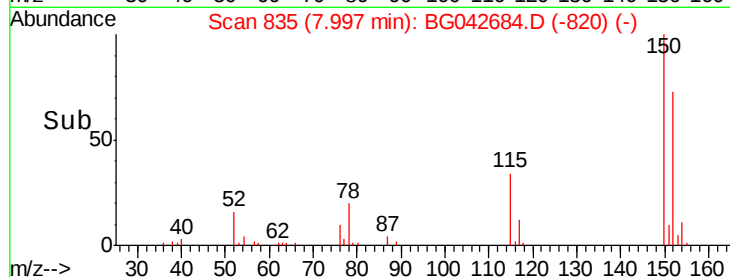
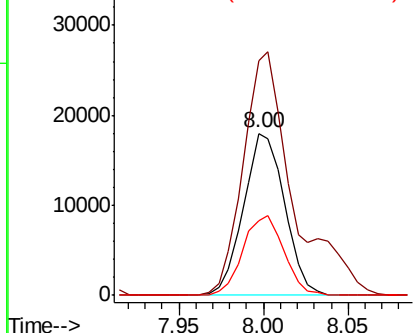
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	125.4	188.0
115	46.3	38.5	57.7



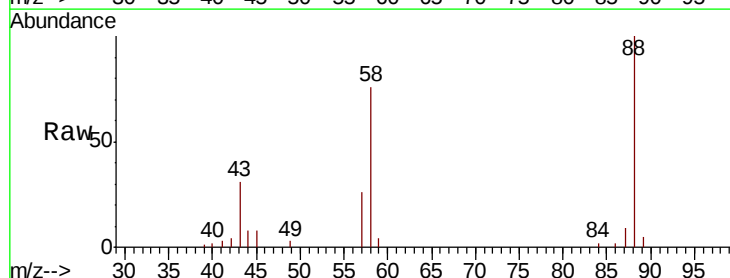
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



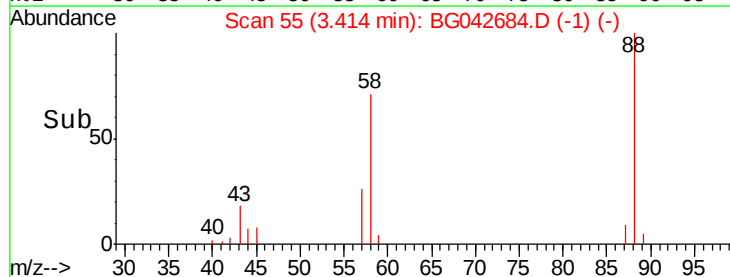
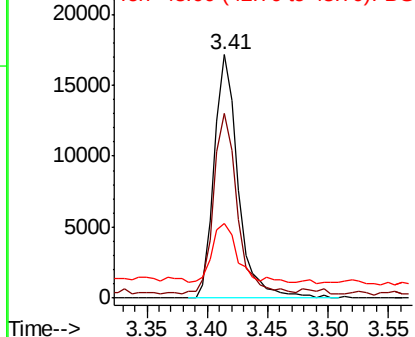
#2

1,4-Dioxane
Concen: 37.188 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.4	58.3	87.5
43	25.1	20.2	30.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.738 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

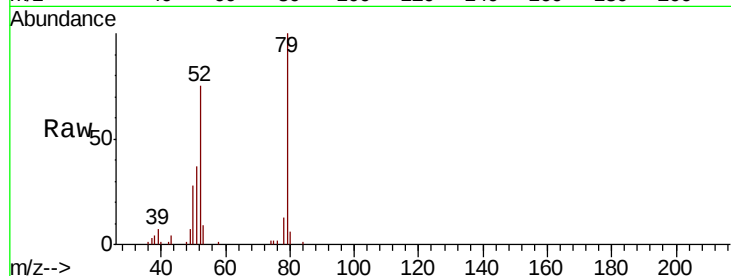
Tot Ion: 79 Resp: 51063

Ion Ratio Lower Upper

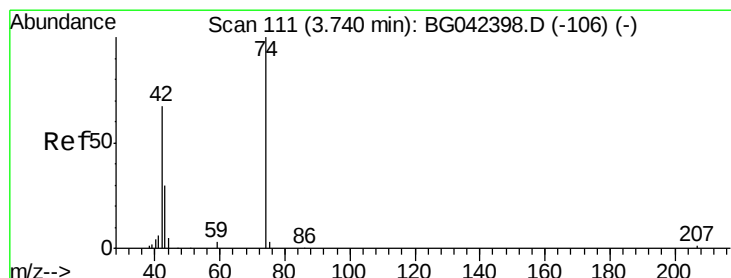
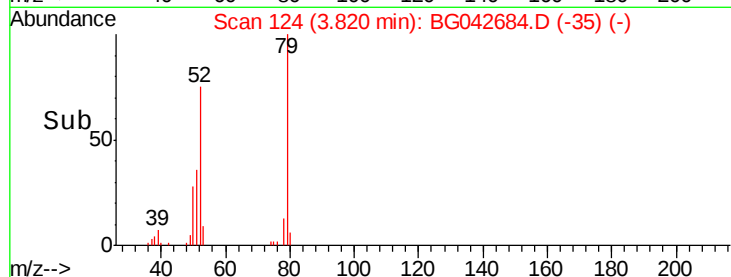
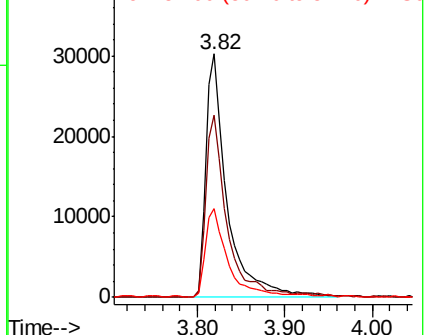
79 100

52 74.8 57.7 86.5

51 36.6 28.8 43.2



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: 40.760 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

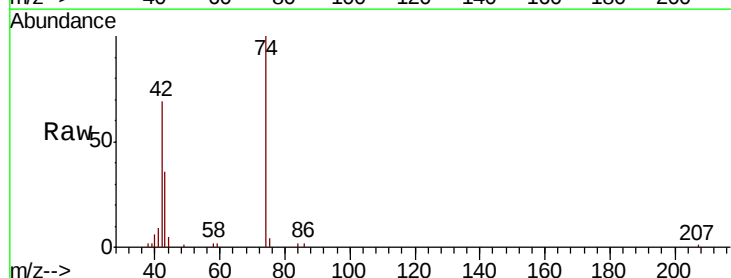
Tgt Ion: 42 Resp: 23422

Ion Ratio Lower Upper

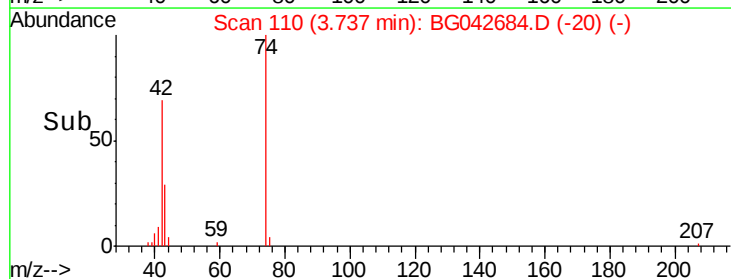
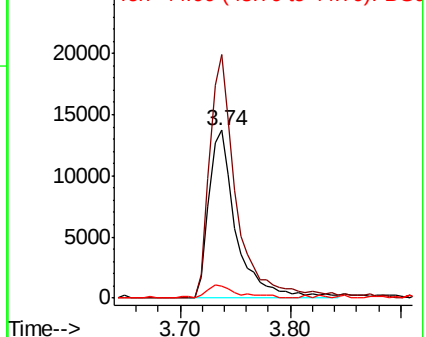
42 100

74 145.3 119.6 179.4

44 7.2 6.5 9.7



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: 114.614 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

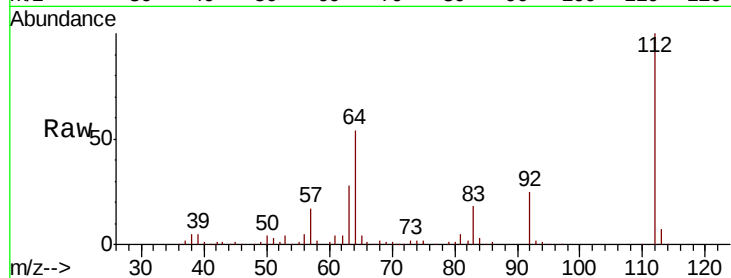
Tot Ion:112 Resp: 172320

Ion Ratio Lower Upper

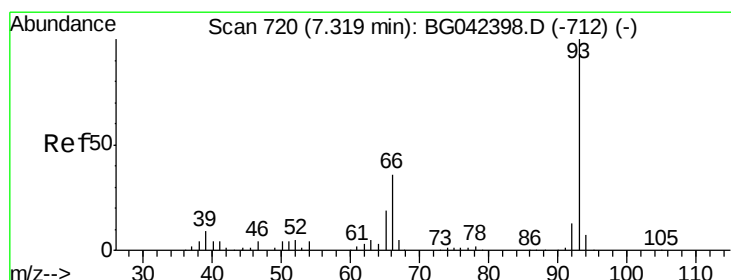
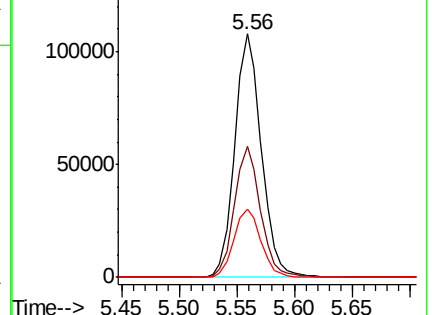
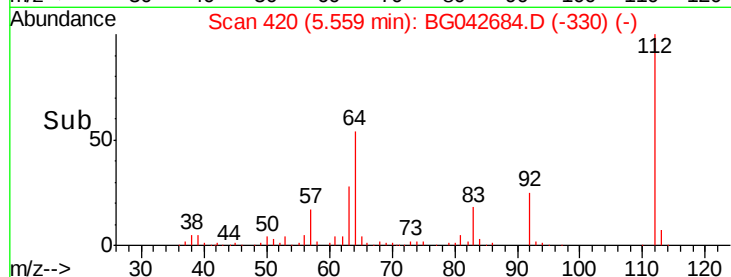
112 100

64 53.8 42.8 64.2

63 27.9 22.7 34.1



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: 27.902 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

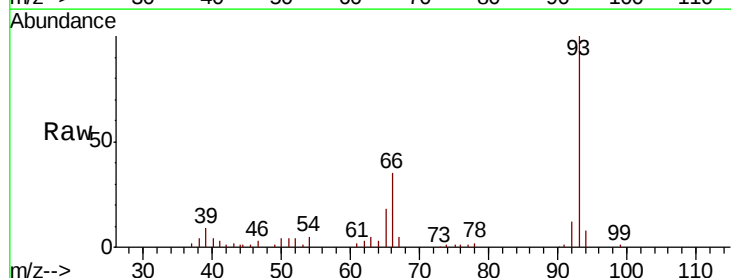
Tgt Ion: 93 Resp: 75579

Ion Ratio Lower Upper

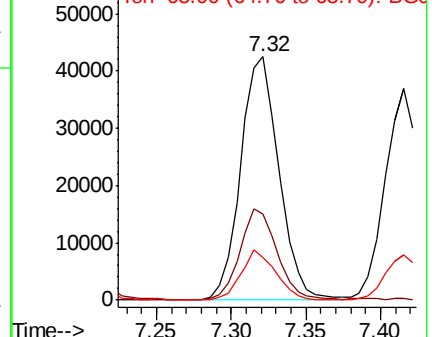
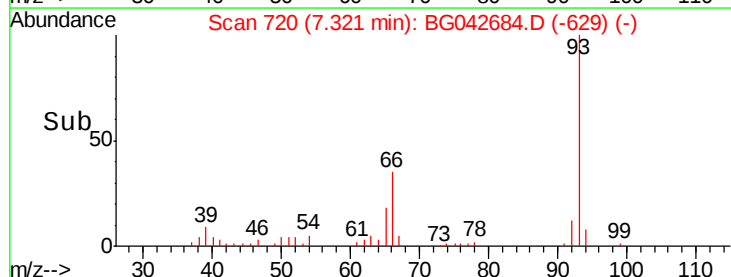
93 100

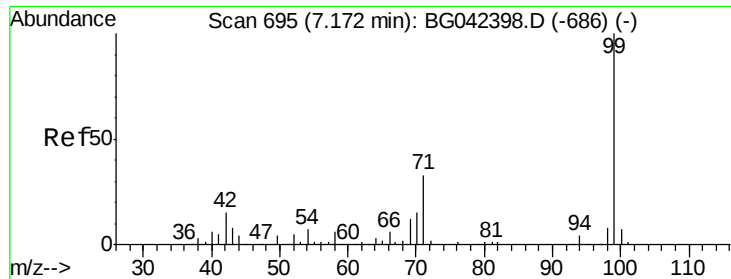
66 35.3 29.0 43.6

65 17.5 15.2 22.8



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: 104.912 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

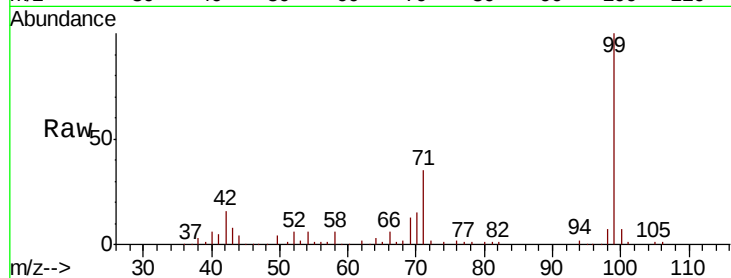
Tot Ion: 99 Resp: 213063

Ion Ratio Lower Upper

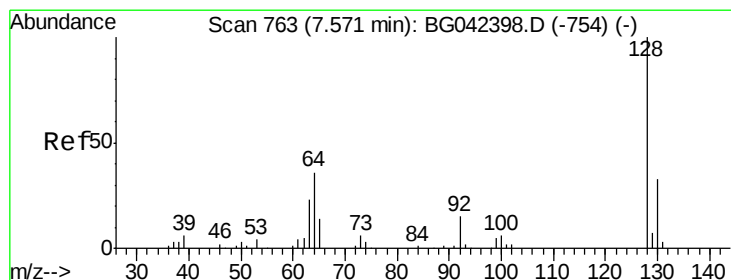
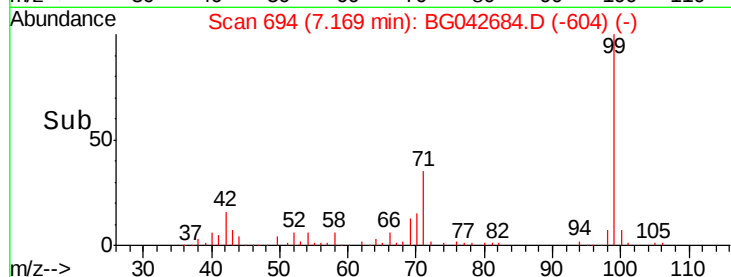
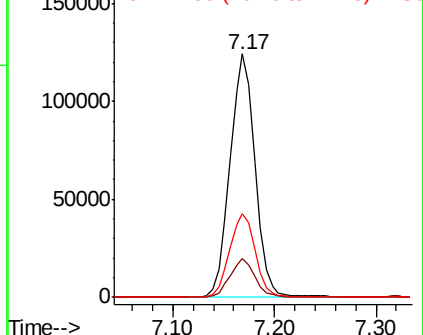
99 100

42 15.9 12.0 18.0

71 34.6 26.3 39.5



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: 43.429 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

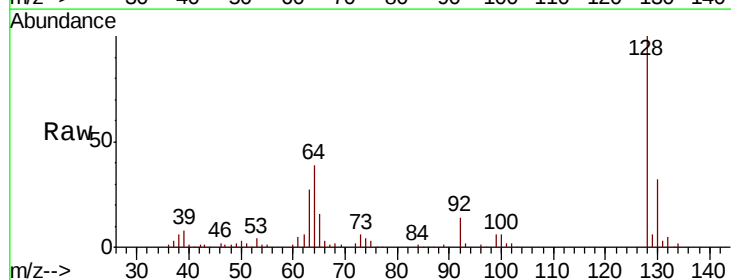
Tgt Ion: 128 Resp: 79132

Ion Ratio Lower Upper

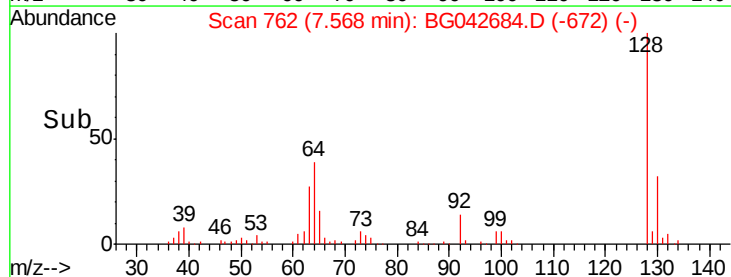
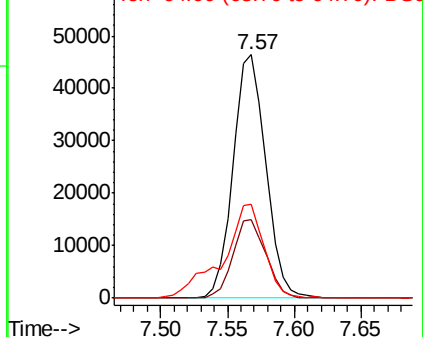
128 100

130 32.4 12.8 52.8

64 38.7 19.2 59.2



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





#9

Benzaldehyde

Concen: 41.312 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

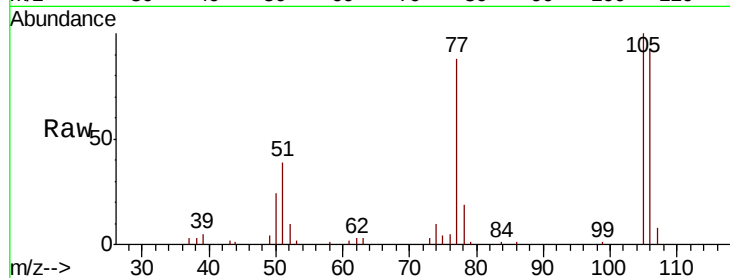
Tot Ion: 77 Resp: 42004

Ion Ratio Lower Upper

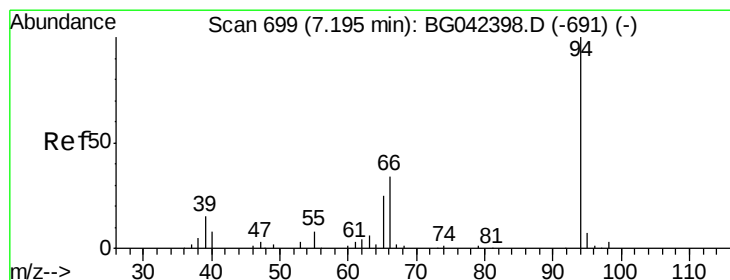
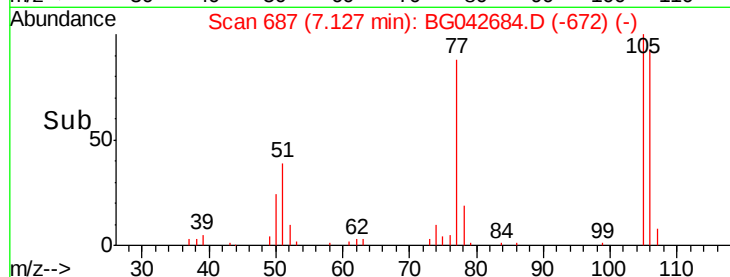
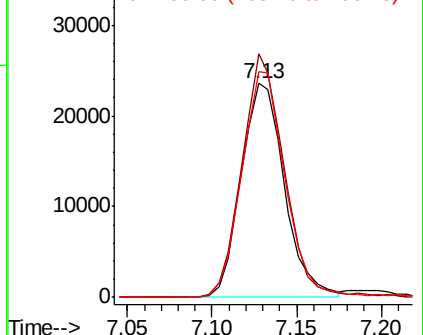
77 100

105 113.9 93.4 133.4

106 105.5 88.4 128.4



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



#10

Phenol

Concen: 40.419 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

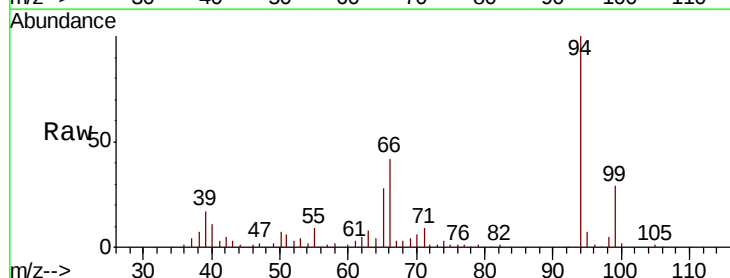
Tgt Ion: 94 Resp: 83460

Ion Ratio Lower Upper

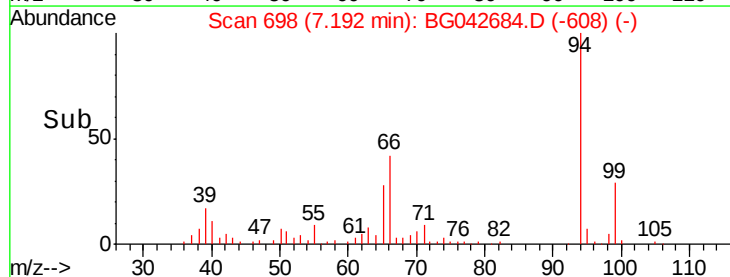
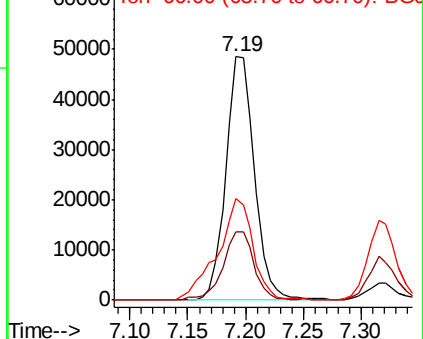
94 100

65 28.0 5.6 45.6

66 41.7 16.0 56.0



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: 37.424 ng

RT: 7.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

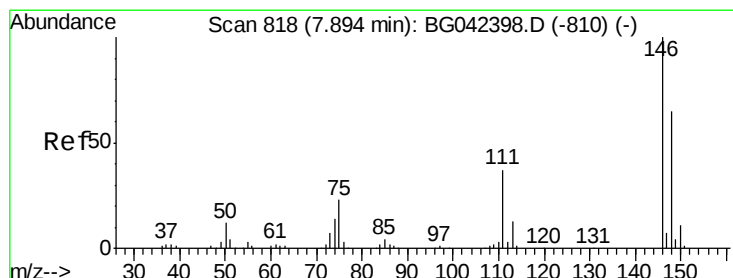
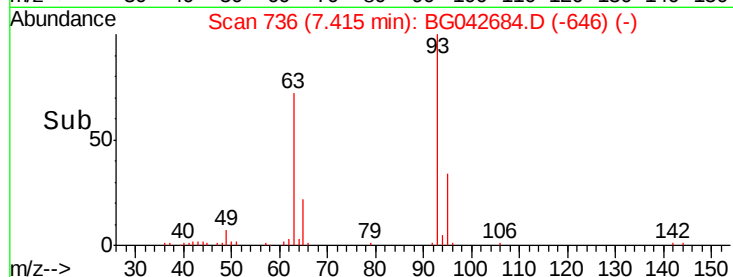
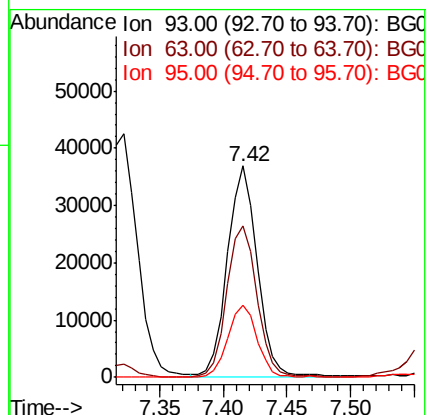
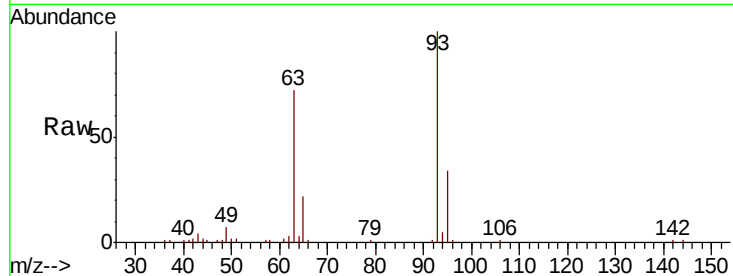
Tot Ion: 93 Resp: 60690

Ion Ratio Lower Upper

93 100

63 71.5 53.8 93.8

95 34.0 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 40.053 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

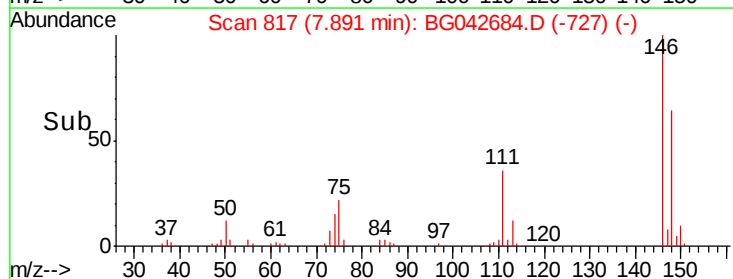
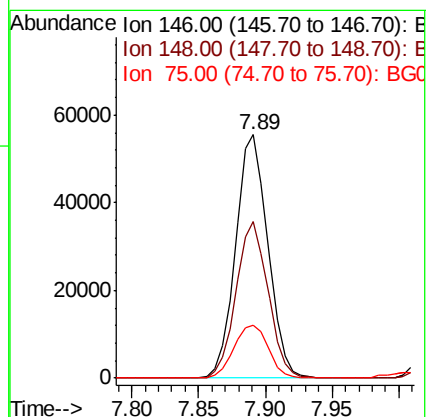
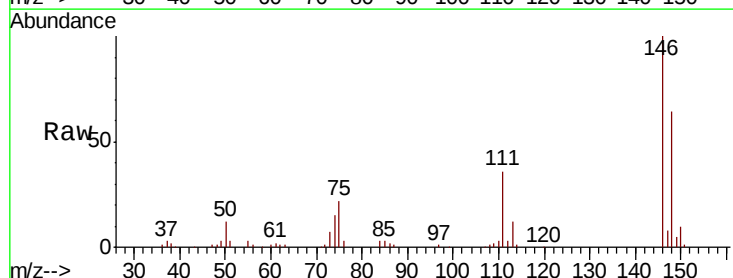
Tgt Ion: 146 Resp: 92842

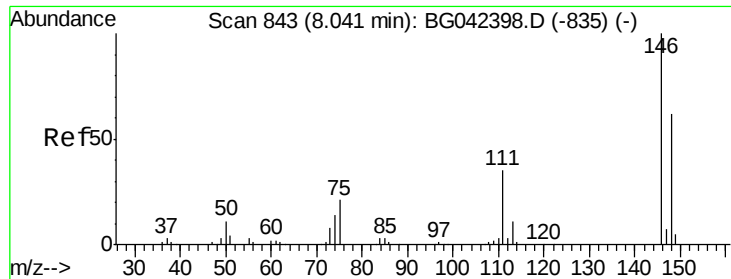
Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

75 21.8 18.0 27.0

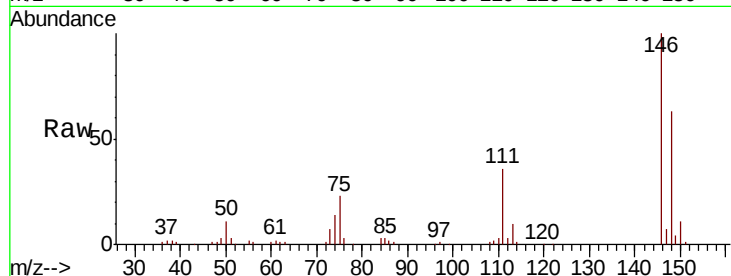




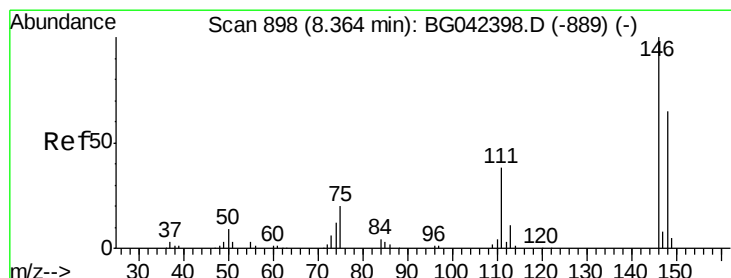
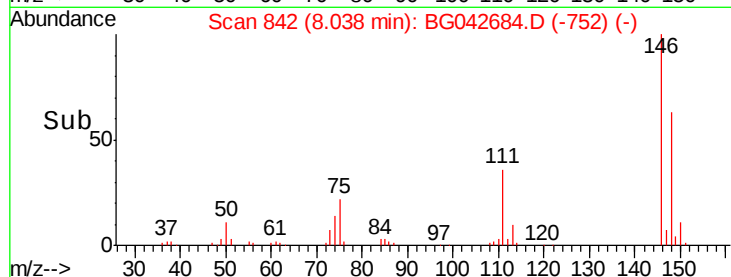
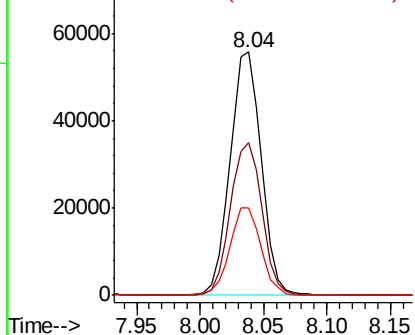
#13
 1,4-Dichlorobenzene
 Concen: 40.359 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 94761
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.5 74.3
 111 36.0 28.1 42.1

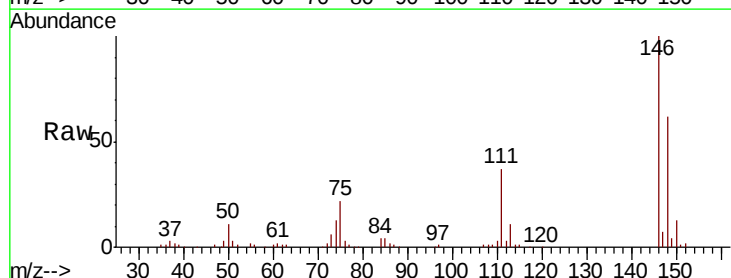


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

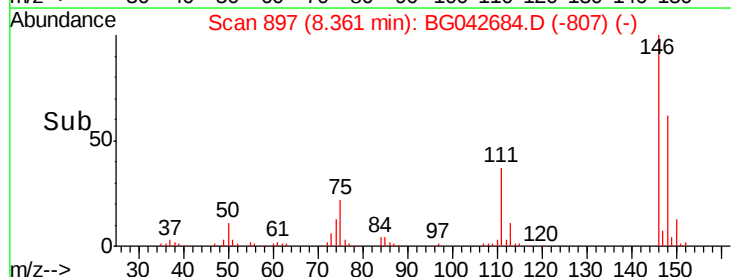
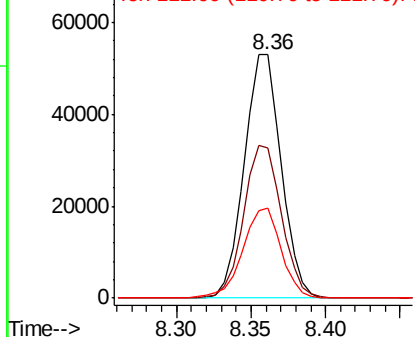


#14
 1,2-Dichlorobenzene
 Concen: 40.318 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion:146 Resp: 90654
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.8 77.6
 111 37.1 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 39.403 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

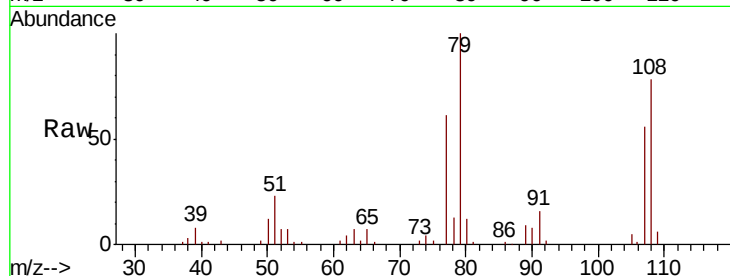
Tot Ion: 79 Resp: 57572

Ion Ratio Lower Upper

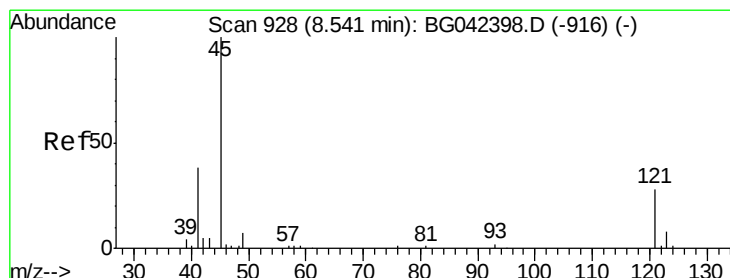
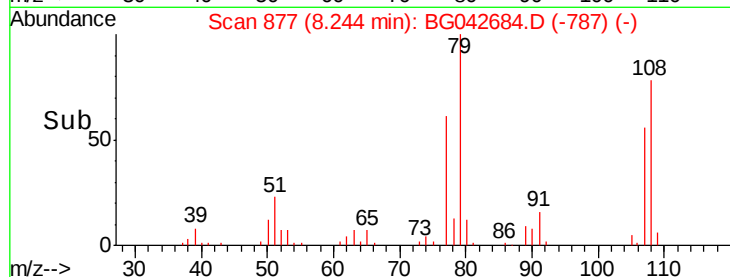
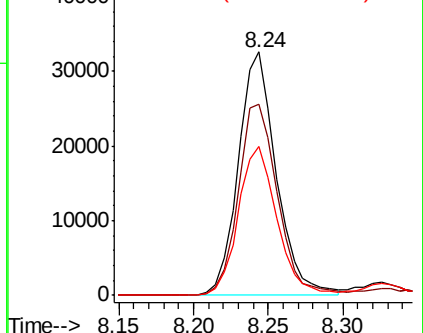
79 100

108 78.4 67.4 101.2

77 61.3 50.8 76.2



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: 34.531 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

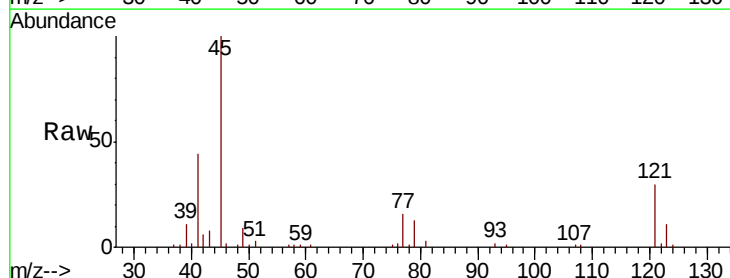
Tgt Ion: 45 Resp: 75898

Ion Ratio Lower Upper

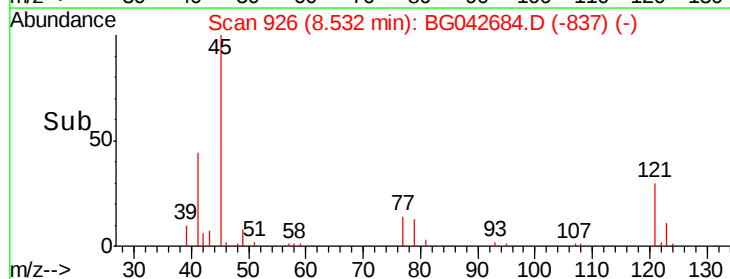
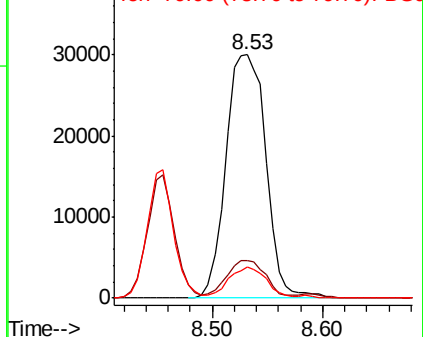
45 100

77 15.6 0.0 35.6

79 13.0 0.0 31.6



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: 40.040 ng

RT: 8.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 60896

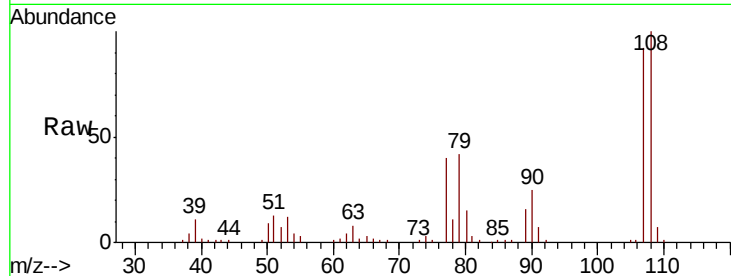
Ion Ratio Lower Upper

107 100

108 109.1 92.9 139.3

77 44.1 34.4 51.6

79 46.2 33.8 50.6

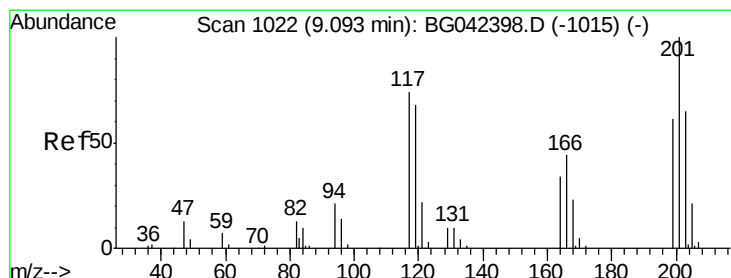
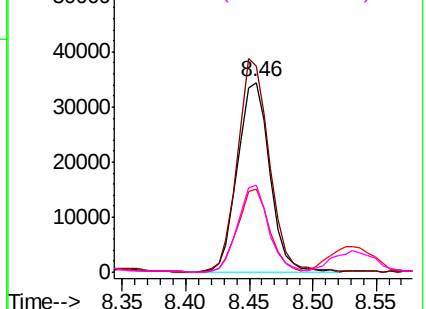
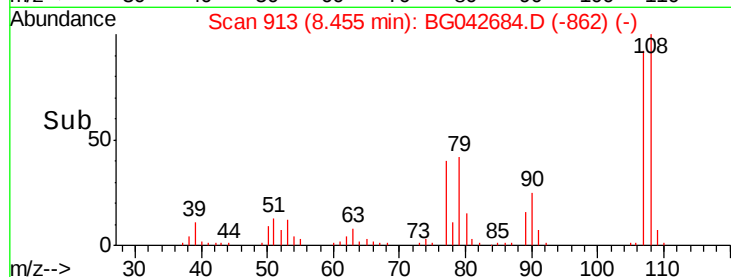


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.290 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

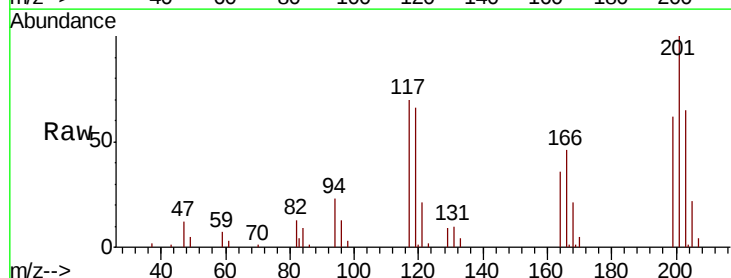
Tgt Ion:117 Resp: 31581

Ion Ratio Lower Upper

117 100

119 94.1 73.8 110.8

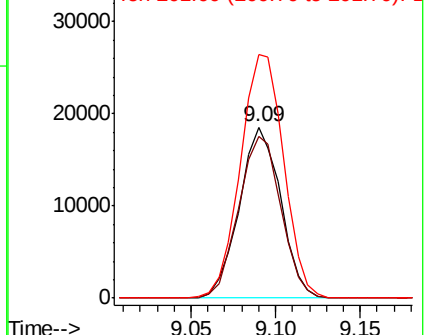
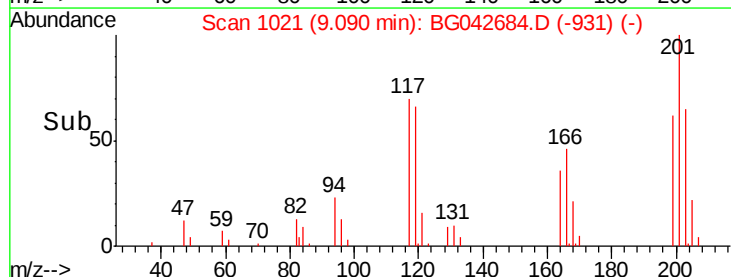
201 142.2 108.3 162.5



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

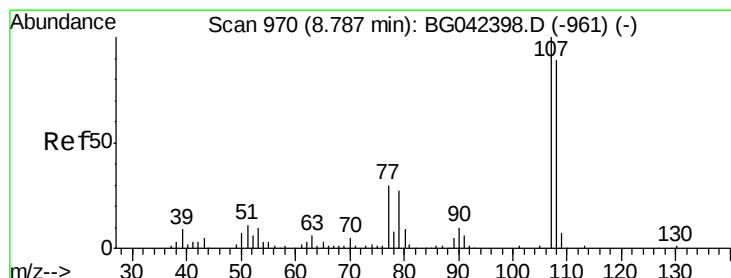
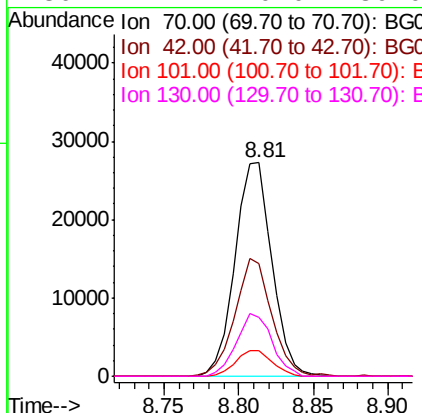
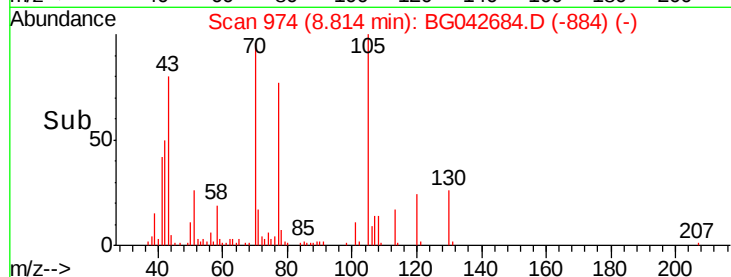
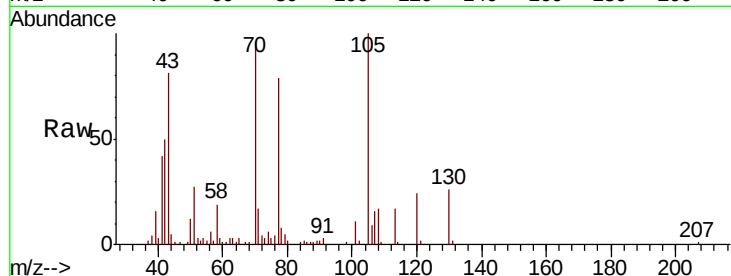




#19
n-Nitroso-di-n-propylamine
Concen: 35.620 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

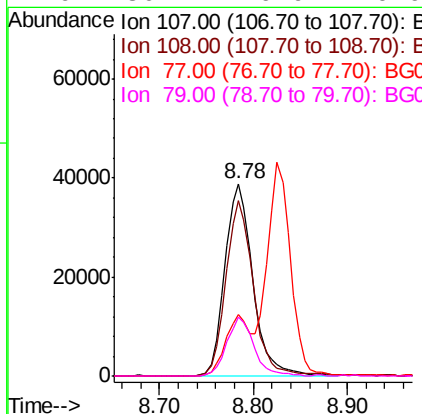
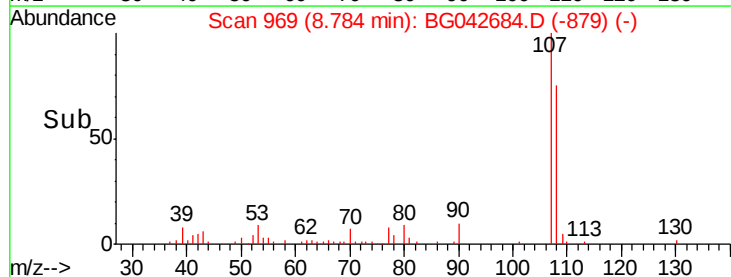
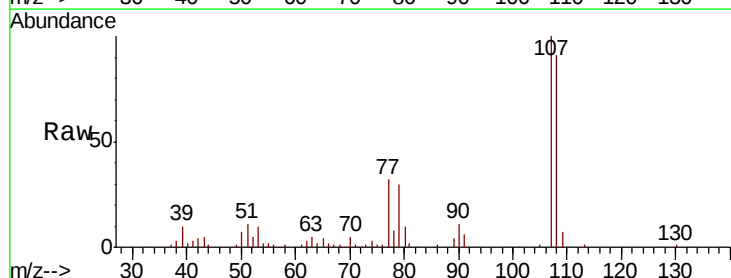
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 46865
Ion Ratio Lower Upper
70 100
42 52.6 38.8 58.2
101 11.8 9.0 13.6
130 27.7 20.0 30.0



#20
3+4-Methylphenols
Concen: 38.201 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion: 107 Resp: 80396
Ion Ratio Lower Upper
107 100
108 91.3 68.7 108.7
77 32.0 10.2 50.2
79 30.4 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 115610

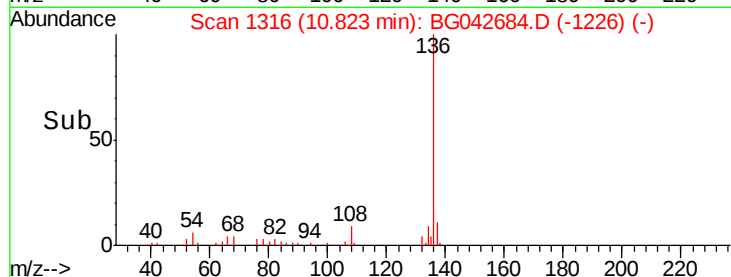
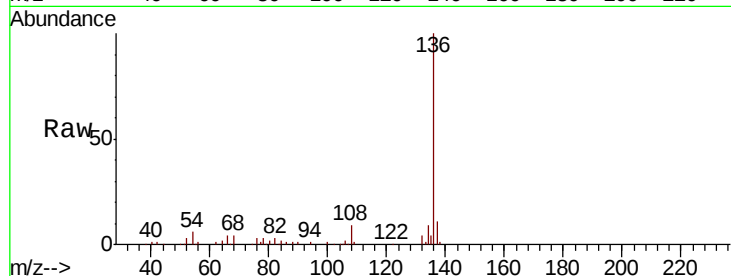
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 6.1 4.9 7.3

68 3.6 3.6 5.4#

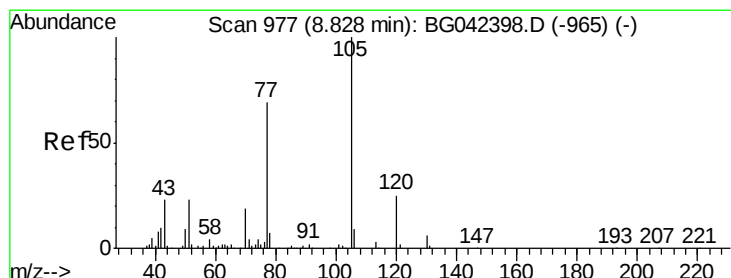
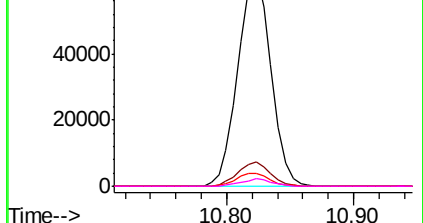


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.010 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Tgt Ion:105 Resp: 106351

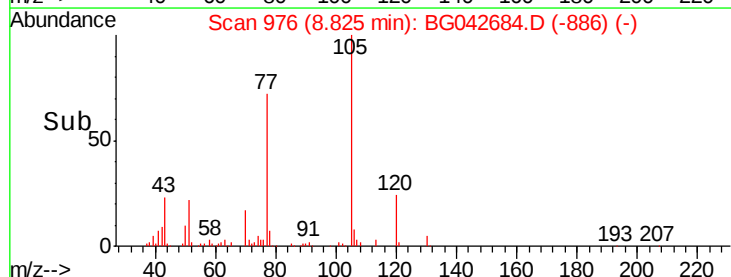
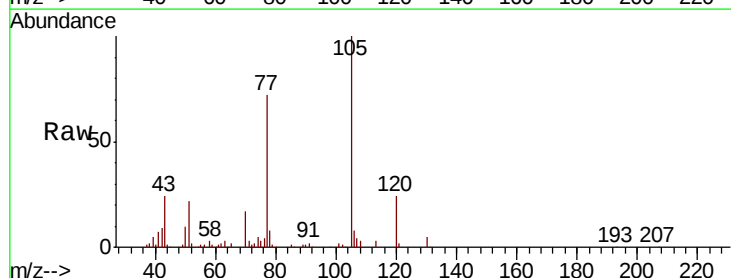
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 22.3 18.7 28.1

120 24.3 20.1 30.1

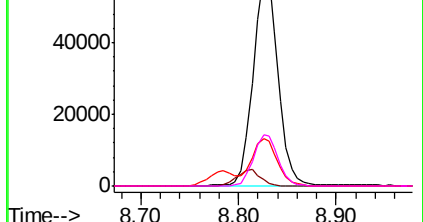


Abundance Ion 105.00 (104.70 to 105.70): E

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

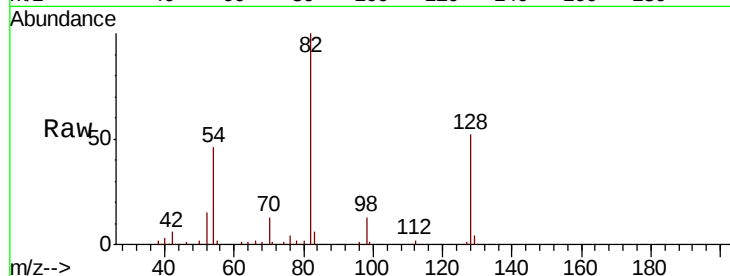




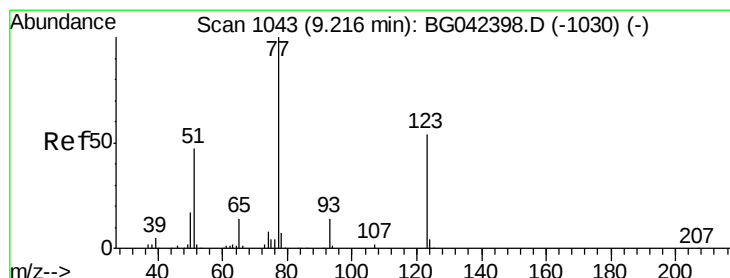
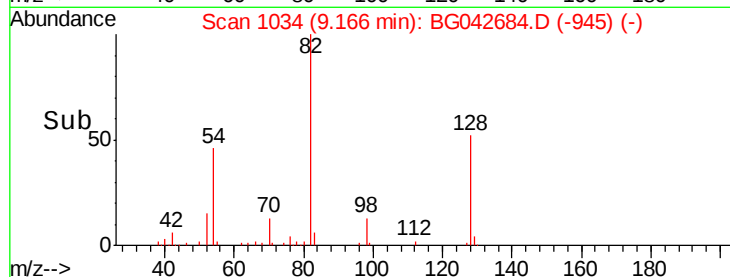
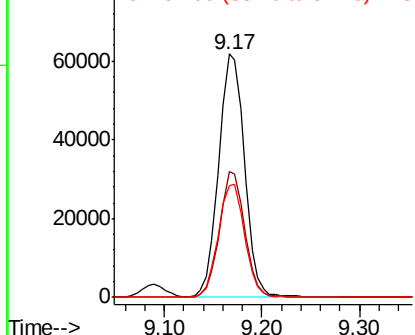
#23
Nitrobenzene-d5
Concen: 68.030 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	113814
Ion Ratio	Lower	Upper	
82	100		
128	51.6	40.7	61.1
54	45.9	36.3	54.5

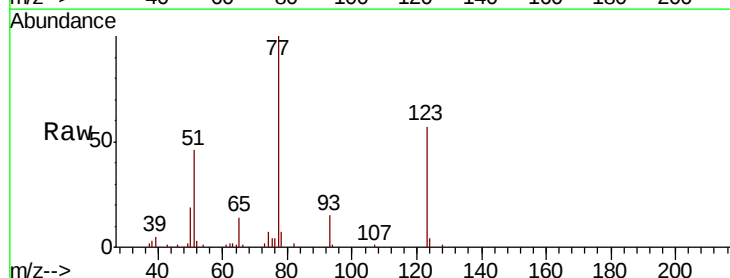


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

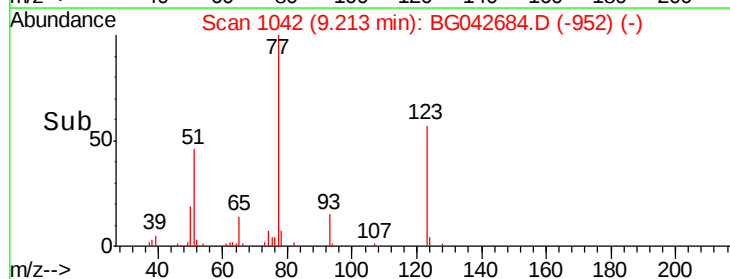
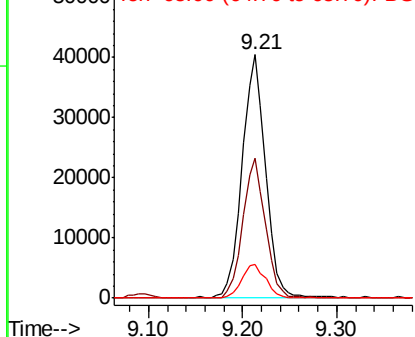


#24
Nitrobenzene
Concen: 41.265 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion	77	Resp	69908
Ion Ratio	Lower	Upper	
77	100		
123	57.2	43.4	65.0
65	13.7	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

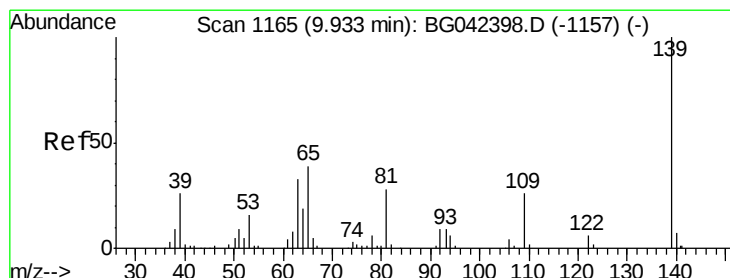
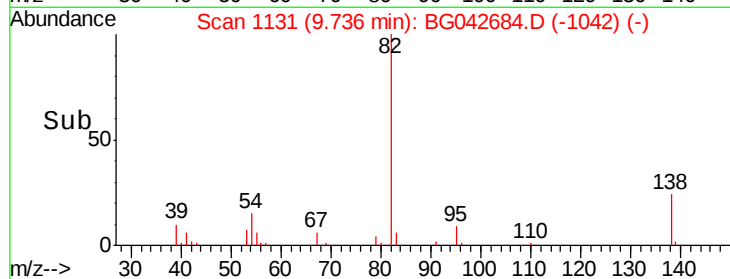
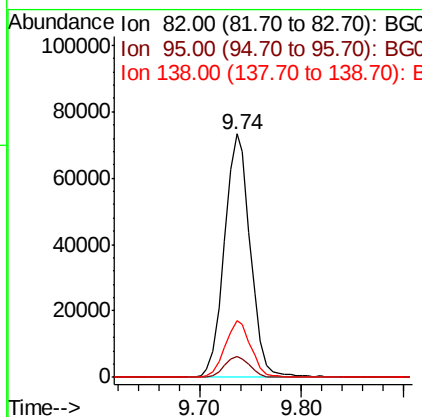
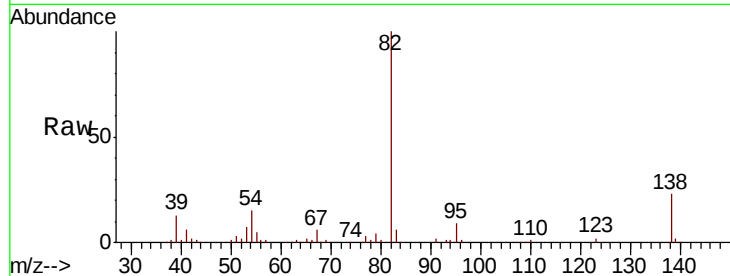




#25
Isophorone
Concen: 39.203 ng
RT: 9.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

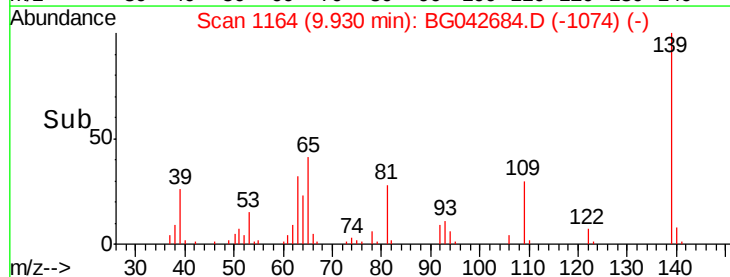
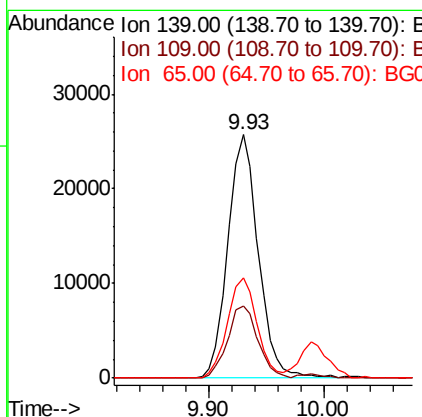
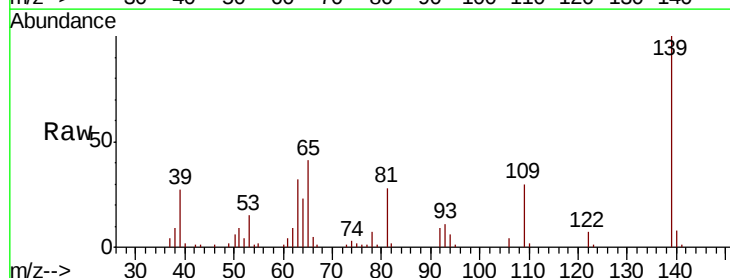
Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	129437
Ion Ratio	100	Lower	Upper
95	8.8	6.6	9.8
138	23.4	18.6	27.8



#26
2-Nitrophenol
Concen: 44.238 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion	139	Resp	46966
Ion Ratio	100	Lower	Upper
109	29.5	20.5	30.7
65	41.2	30.9	46.3

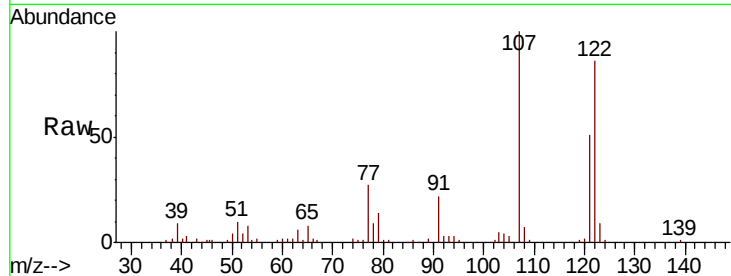




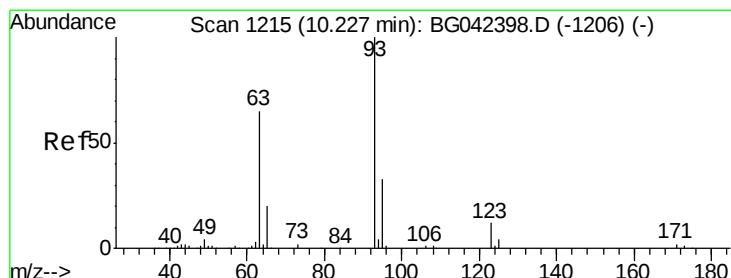
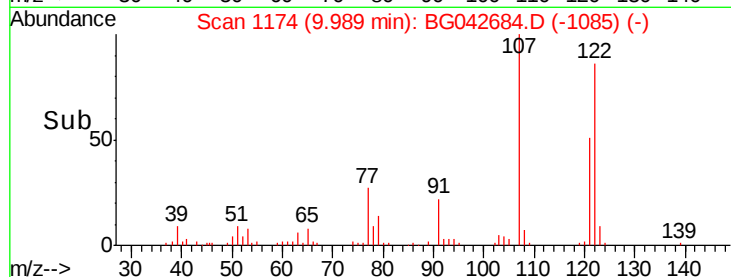
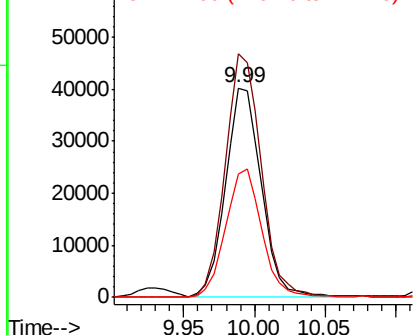
#27
 2,4-Dimethylphenol
 Concen: 48.747 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 71289
 Ion Ratio Lower Upper
 122 100
 107 116.2 90.8 136.2
 121 59.1 49.6 74.4

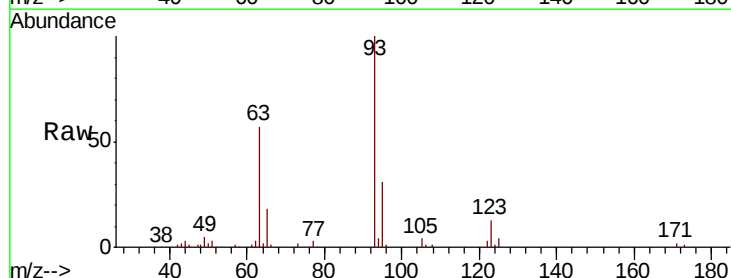


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

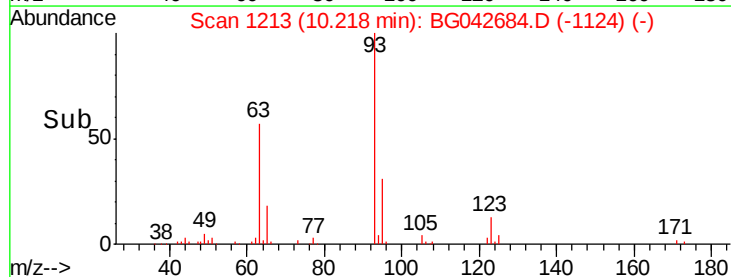
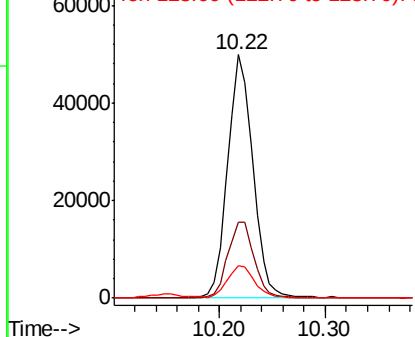


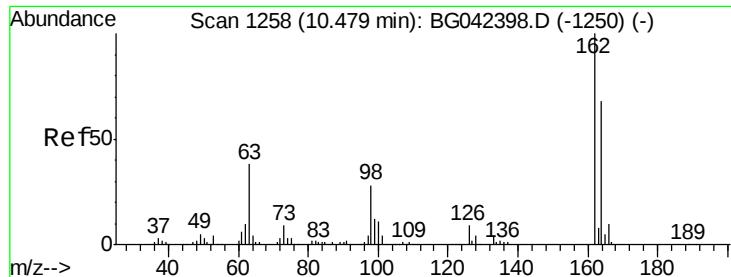
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.621 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion: 93 Resp: 82450
 Ion Ratio Lower Upper
 93 100
 95 31.4 26.6 40.0
 123 13.2 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

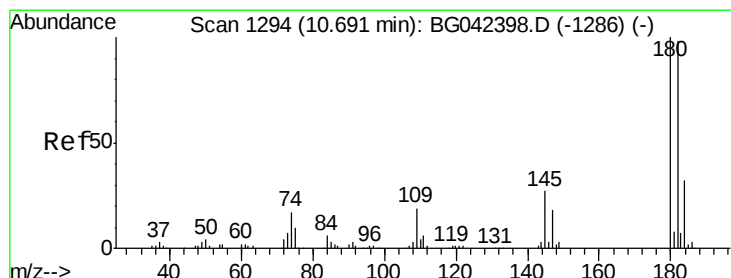
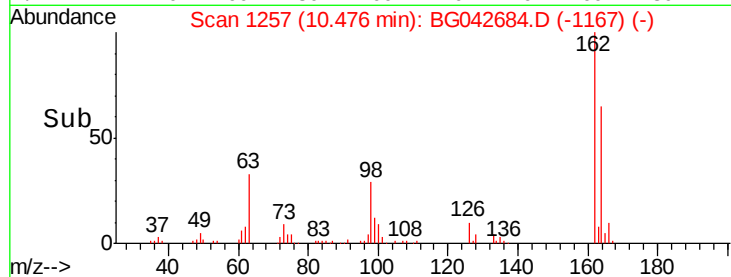
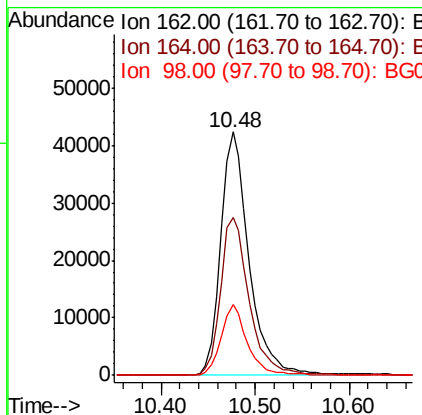
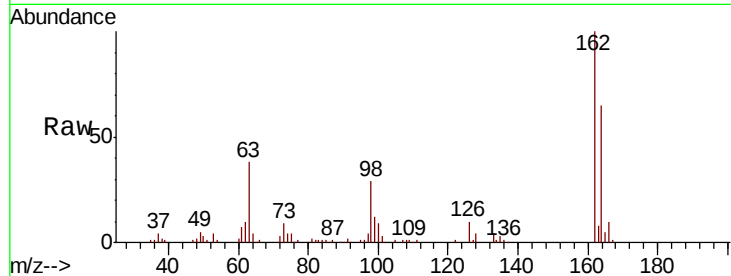




#29
 2,4-Dichlorophenol
 Concen: 46.453 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

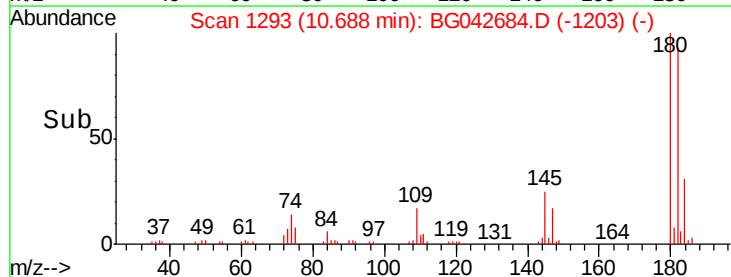
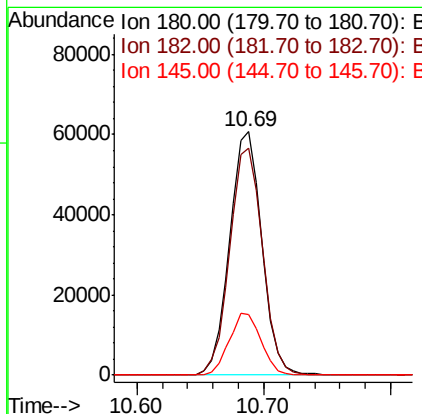
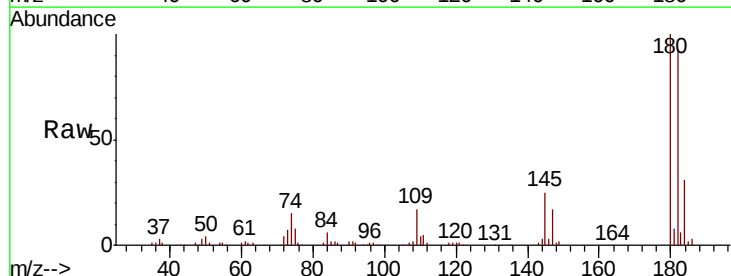
Instrument :
 BNA_G
 ClientSampled :

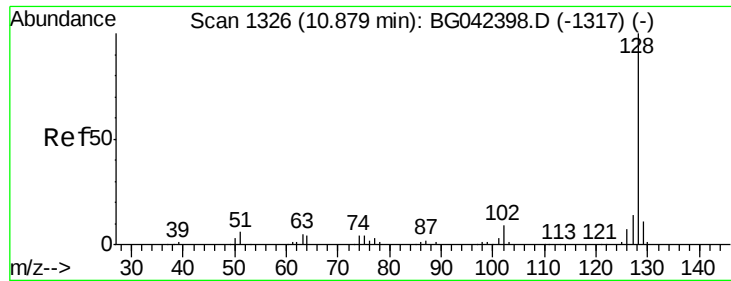
Tot Ion	162	Resp	88883
Ion Ratio	Lower	Upper	
162	100		
164	65.0	48.1	88.1
98	28.8	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 45.173 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion	180	Resp	106092
Ion Ratio	Lower	Upper	
180	100		
182	93.2	78.7	118.1
145	25.0	21.6	32.4

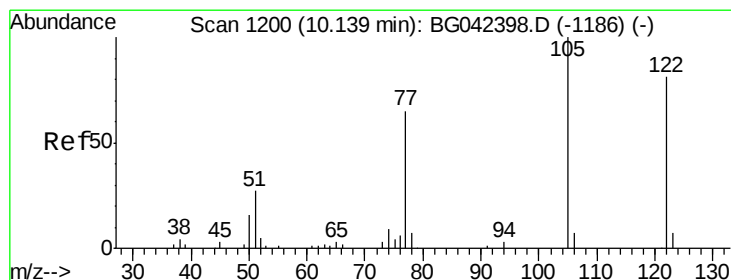
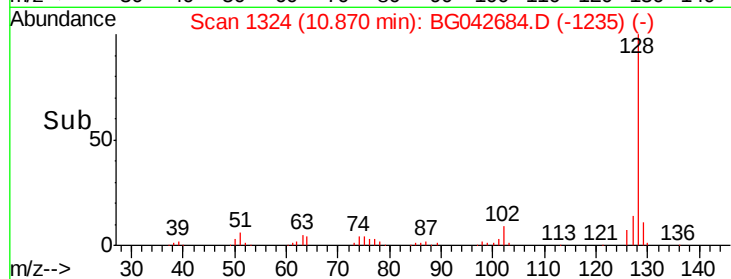
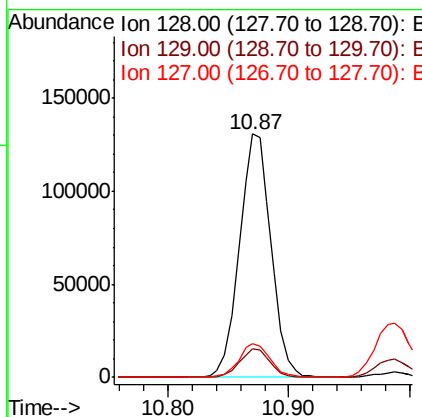
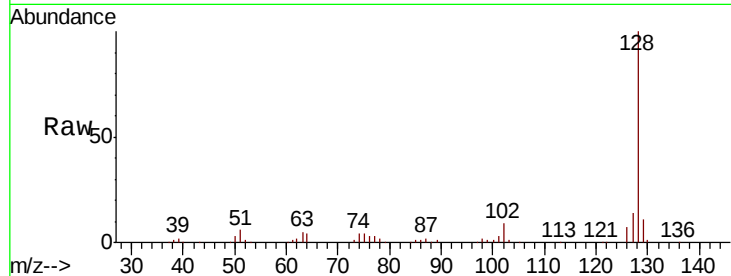




#31
Naphthalene
Concen: 44.128 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

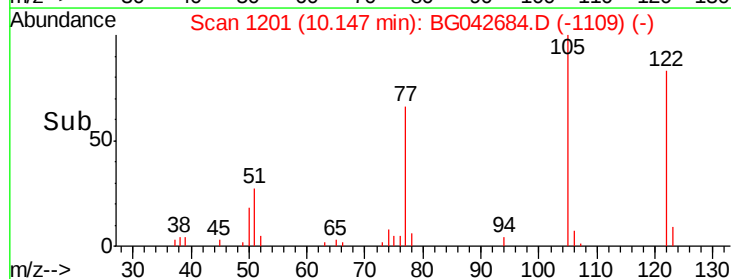
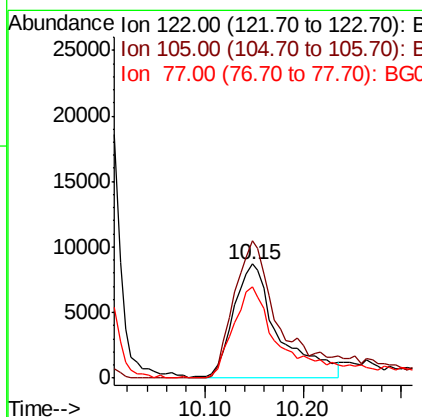
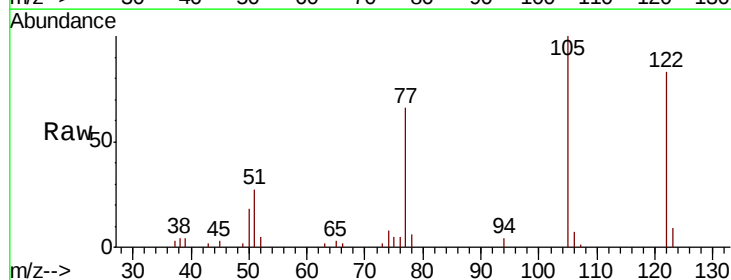
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 236857
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 30.201 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:122 Resp: 28180
Ion Ratio Lower Upper
122 100
105 121.2 99.6 139.6
77 80.2 59.5 99.5

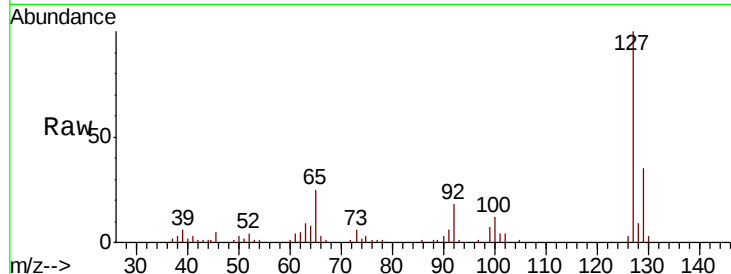




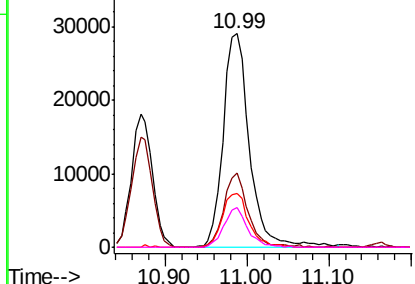
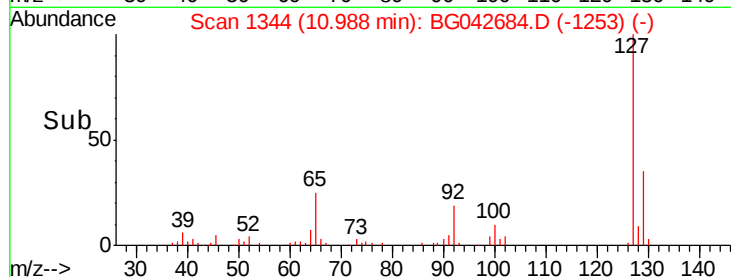
#33
4-Chloroaniline
Concen: 26.386 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 65380
Ion Ratio Lower Upper
127 100
129 34.6 26.8 40.2
65 25.1 20.7 31.1
92 18.5 13.6 20.4

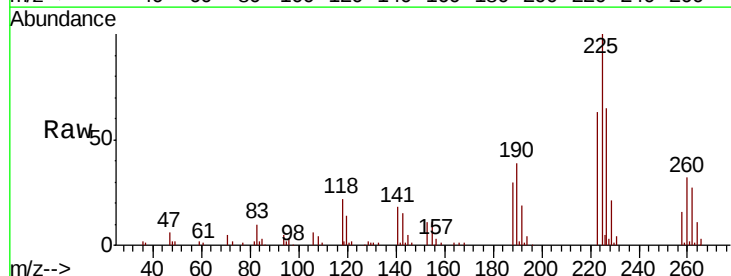


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

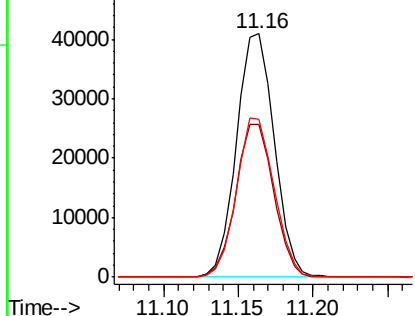
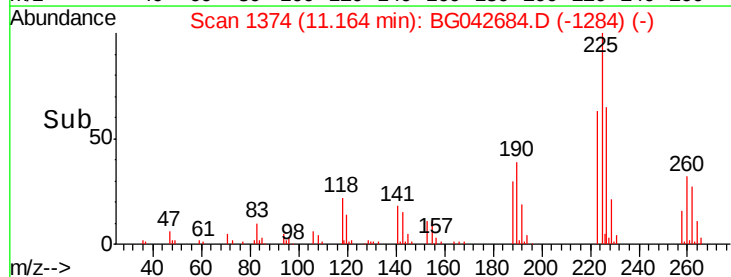


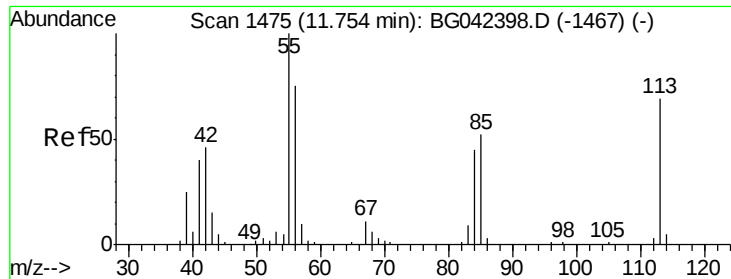
#34
Hexachlorobutadiene
Concen: 45.600 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:225 Resp: 71974
Ion Ratio Lower Upper
225 100
223 62.9 49.8 74.6
227 67.5 50.9 76.3



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: 29.947 ng

RT: 11.76 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampled :

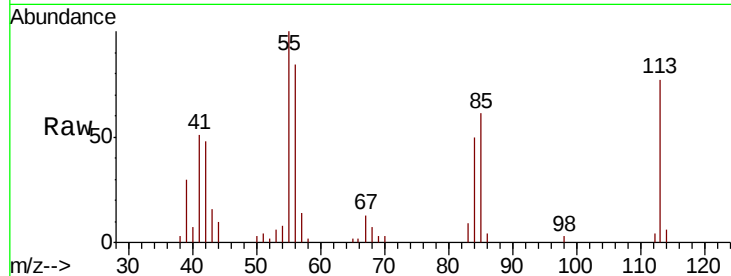
Tot Ion:113 Resp: 19120

Ion Ratio Lower Upper

113 100

55 129.5 124.6 164.6

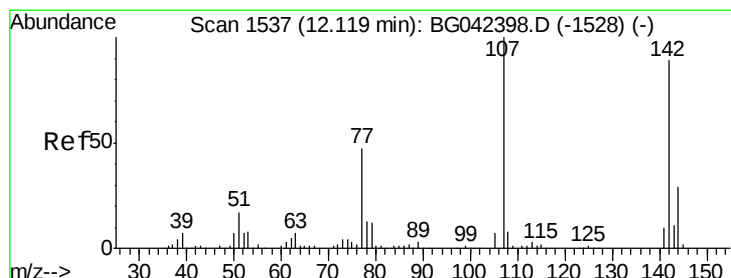
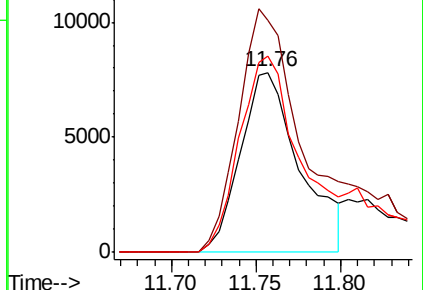
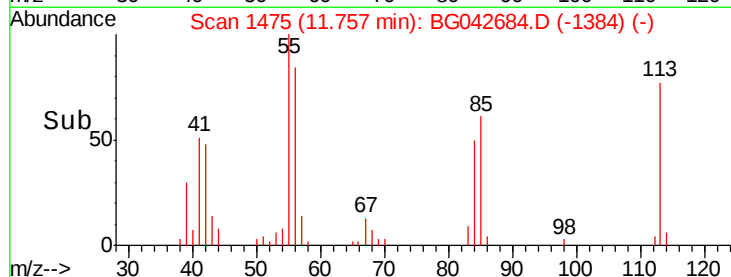
56 108.9 88.3 128.3



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: 43.366 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

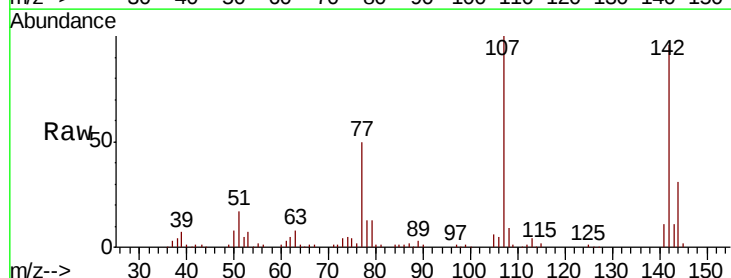
Tgt Ion:107 Resp: 78768

Ion Ratio Lower Upper

107 100

144 31.4 23.6 35.4

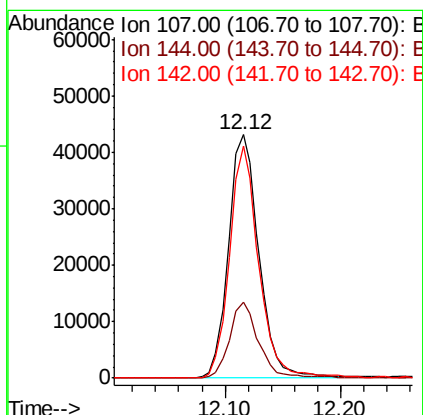
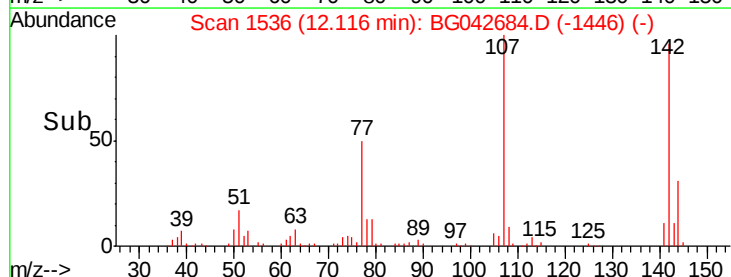
142 95.5 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

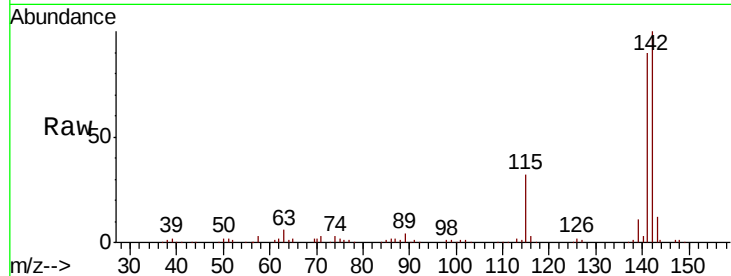




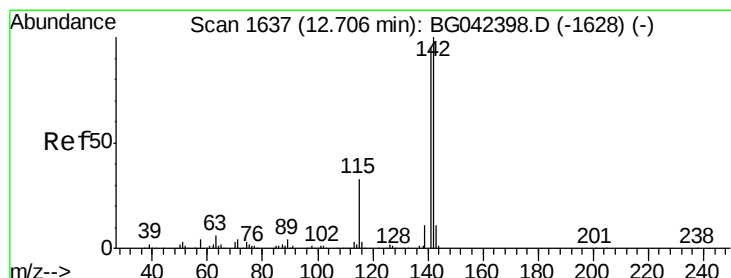
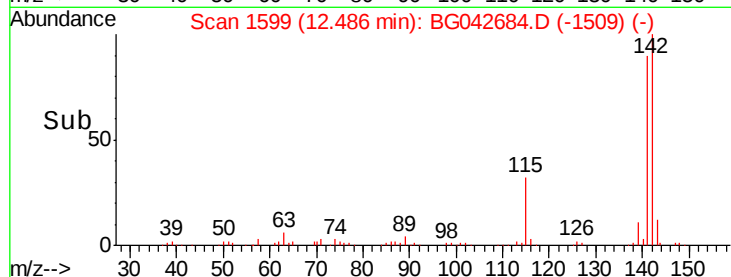
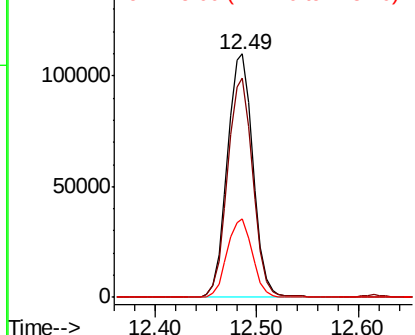
#37
 2-Methylnaphthalene
 Concen: 44.870 ng
 RT: 12.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	32.4	25.2	37.8

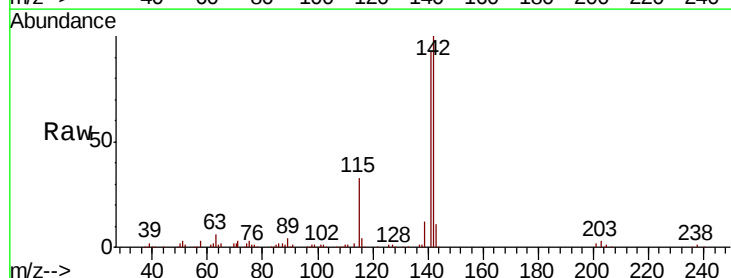


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

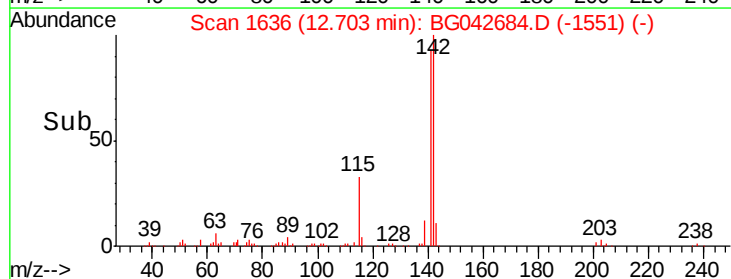
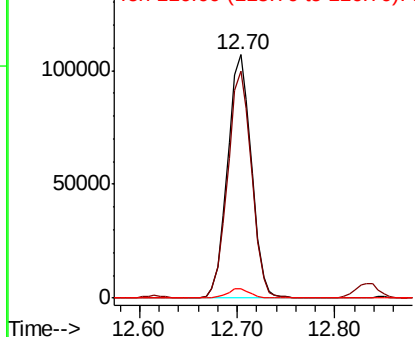


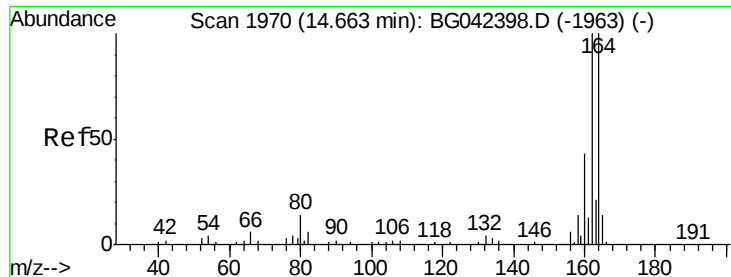
#38
 1-Methylnaphthalene
 Concen: 44.272 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	76.2	114.2
116	4.0	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

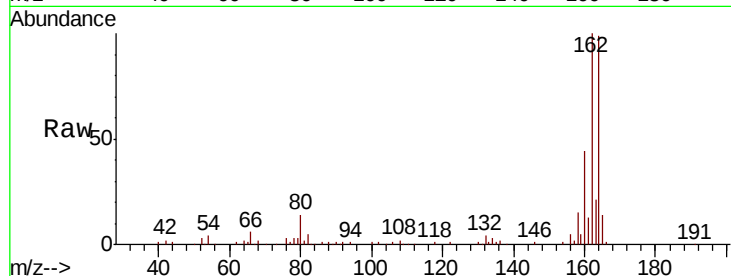
Tot Ion:164 Resp: 88695

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

160 44.7 34.3 51.5

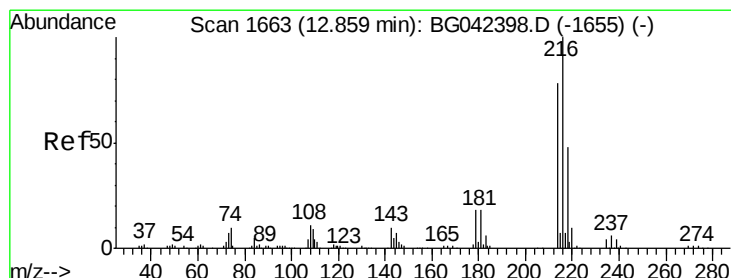
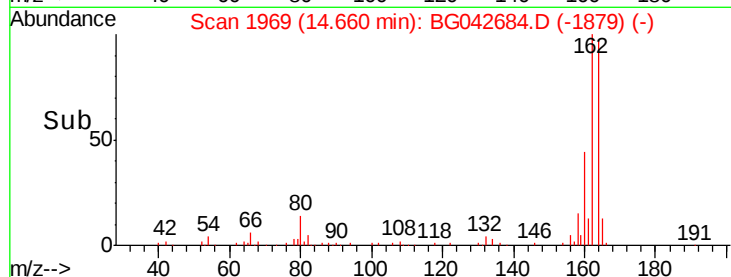
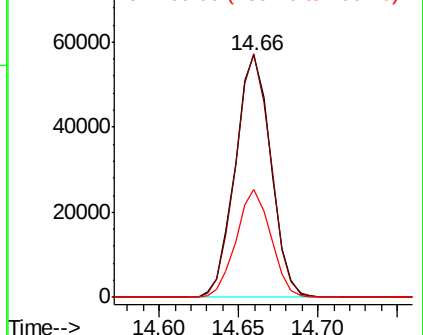


Abundance

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: 47.524 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Tgt Ion:216 Resp: 135362

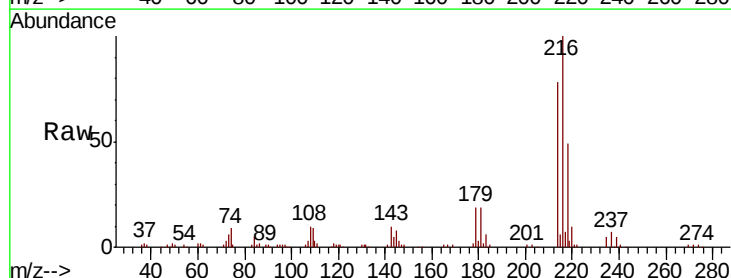
Ion Ratio Lower Upper

216 100

214 76.6 61.4 92.2

179 18.7 15.1 22.7

108 11.6 9.4 14.0



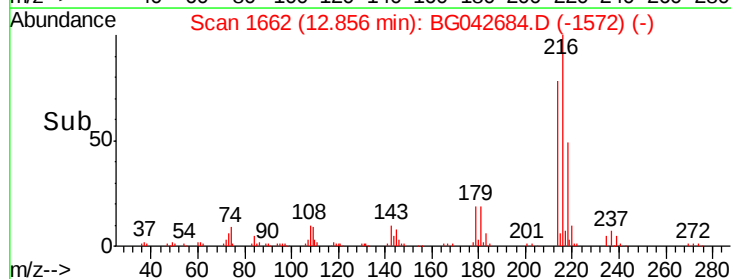
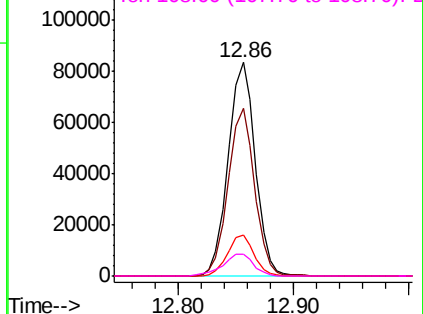
Abundance

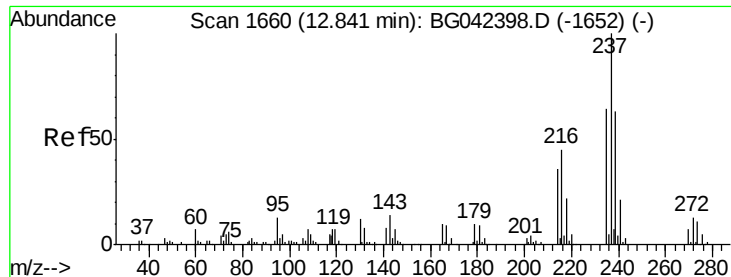
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.228 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

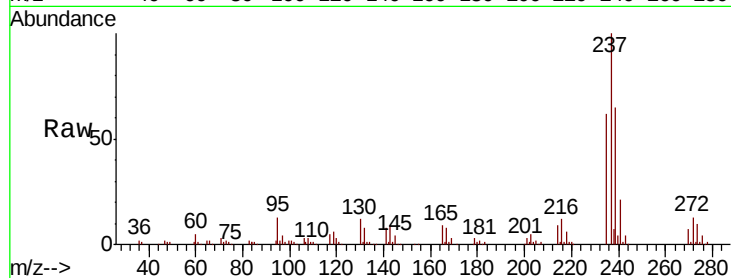
Tot Ion:237 Resp: 117044

Ion Ratio Lower Upper

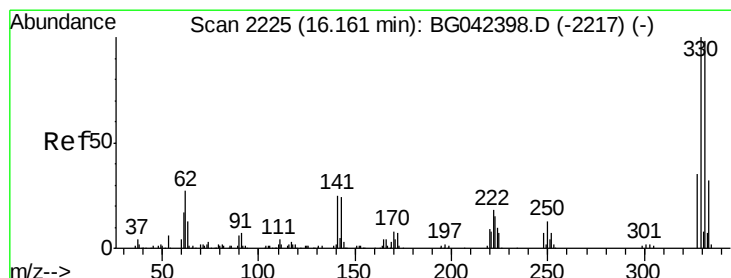
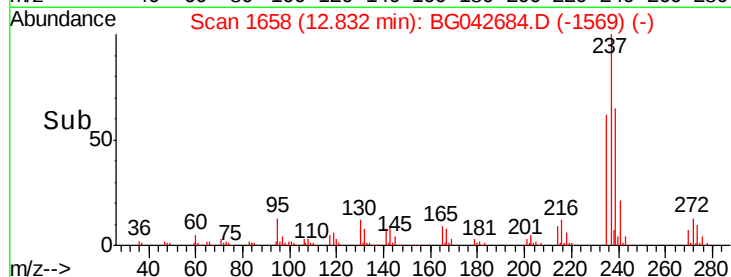
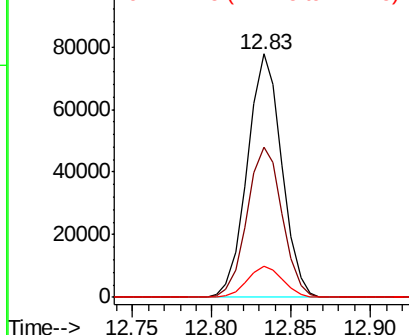
237 100

235 61.8 43.7 83.7

272 12.6 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.397 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

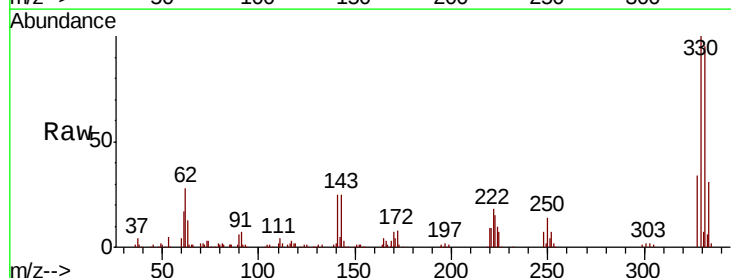
Tgt Ion:330 Resp: 155561

Ion Ratio Lower Upper

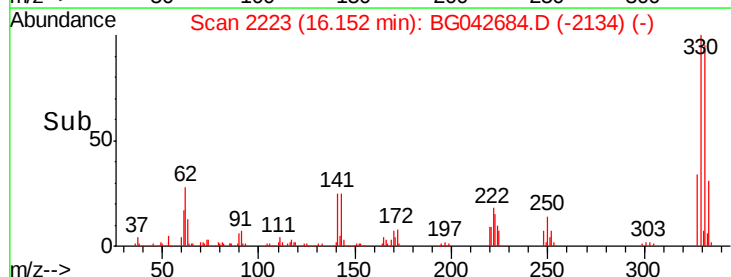
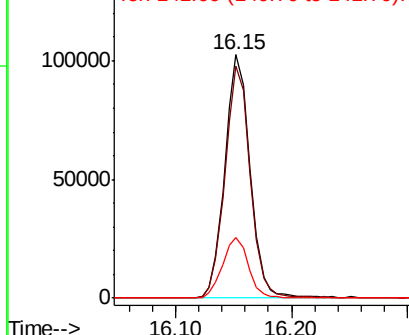
330 100

332 96.0 77.4 116.0

141 25.5 21.4 32.0



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

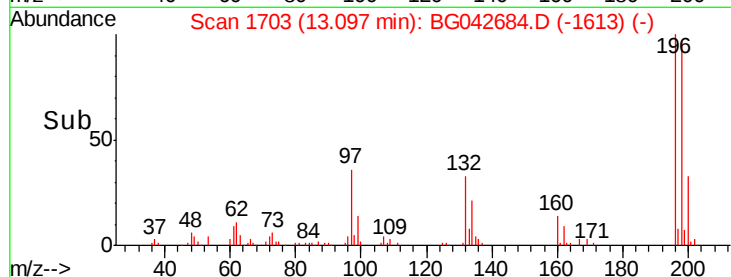
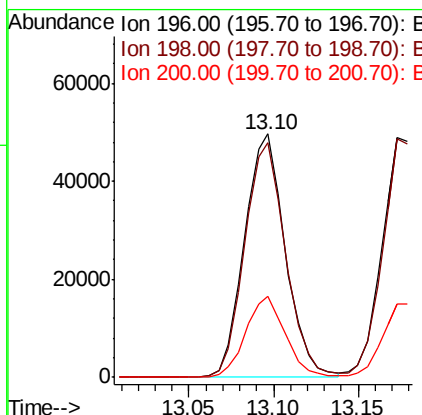
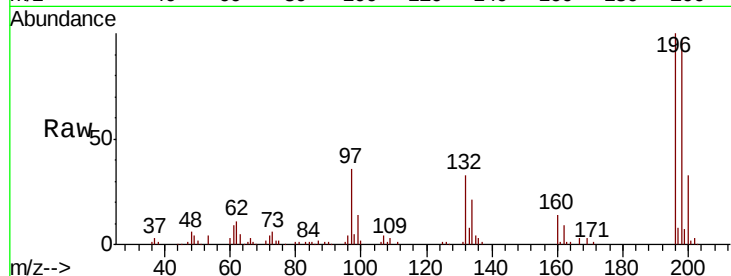




#43
 2,4,6-Trichlorophenol
 Concen: 43.177 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

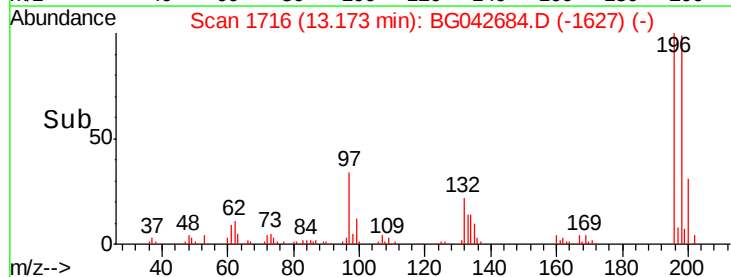
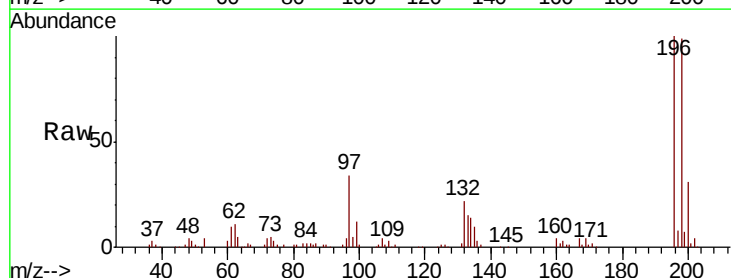
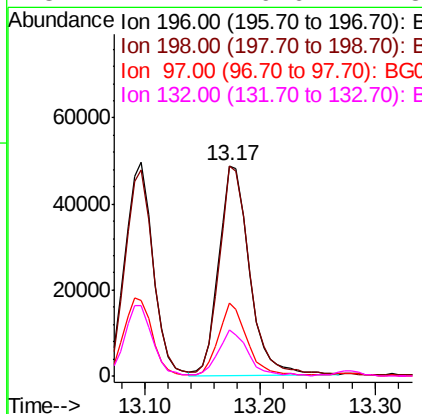
Instrument :
 BNA_G
 ClientSampleId :

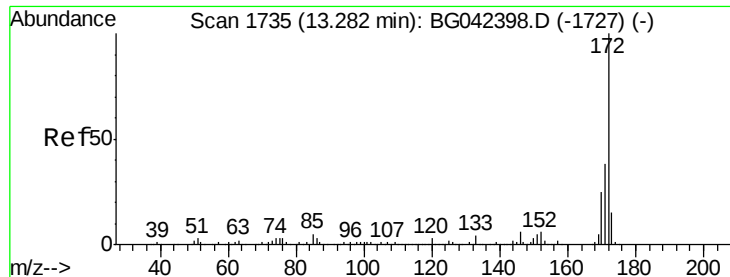
Tot Ion:196 Resp: 83128
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.7 121.1
 200 33.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.864 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion:196 Resp: 89509
 Ion Ratio Lower Upper
 196 100
 198 99.4 80.2 120.4
 97 34.5 26.3 39.5
 132 21.7 16.6 24.8

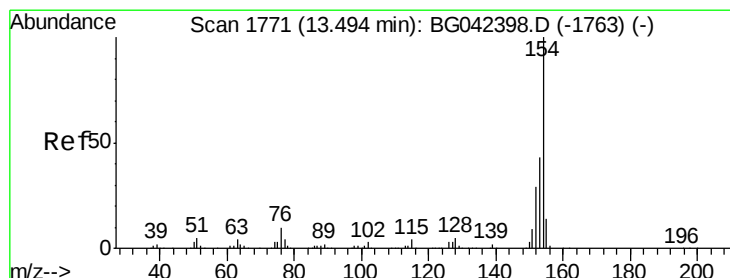
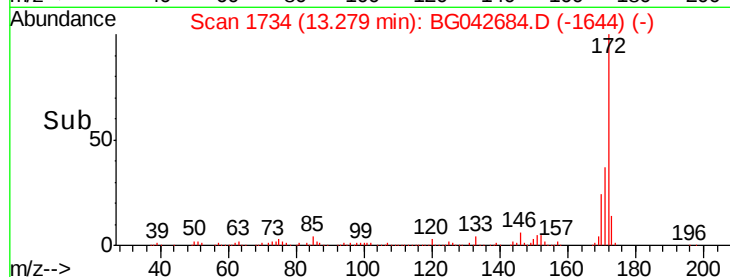
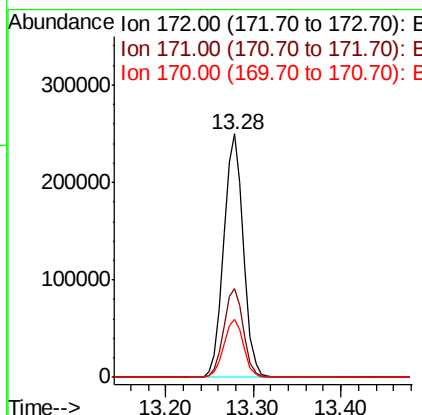
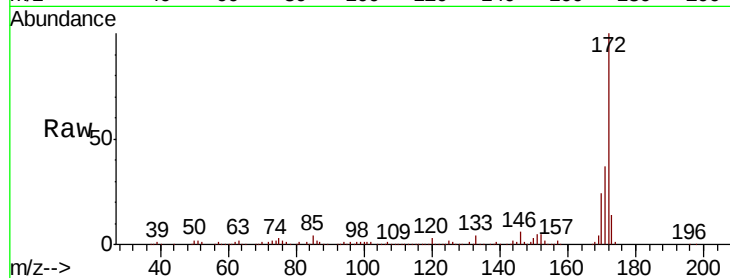




#45
 2-Fluorobiphenyl
 Concen: 73.524 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

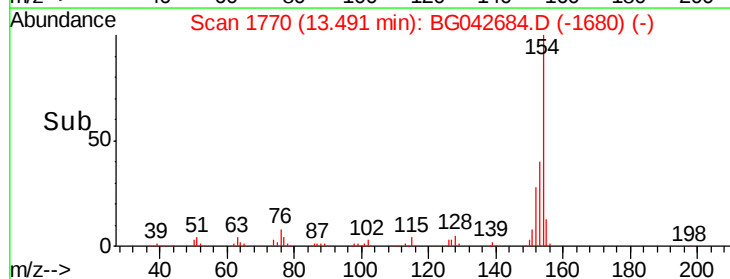
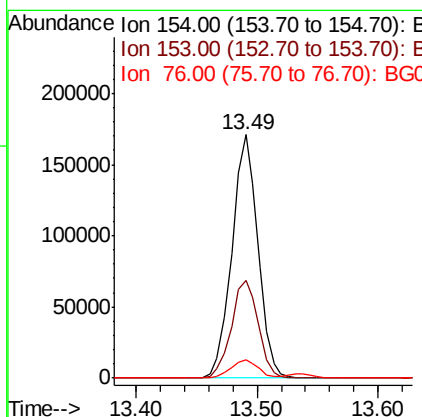
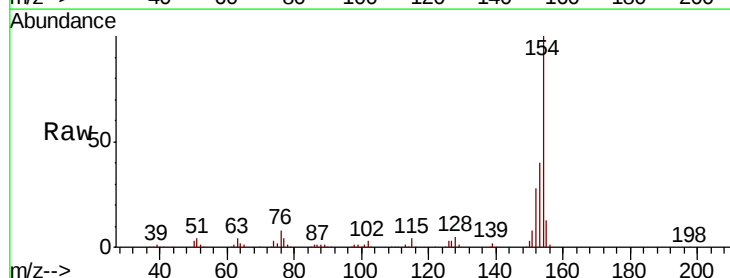
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 385576
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.5 45.7
 170 23.7 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 44.700 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion:154 Resp: 256280
 Ion Ratio Lower Upper
 154 100
 153 40.3 23.0 63.0
 76 7.7 0.0 29.6

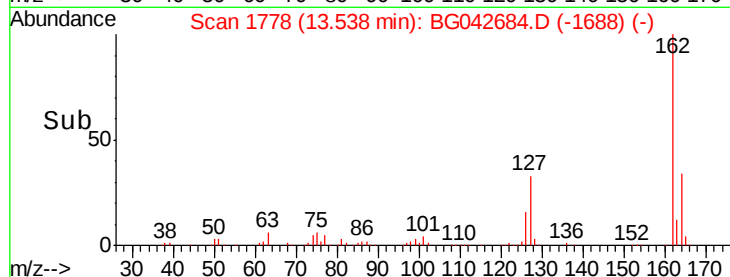
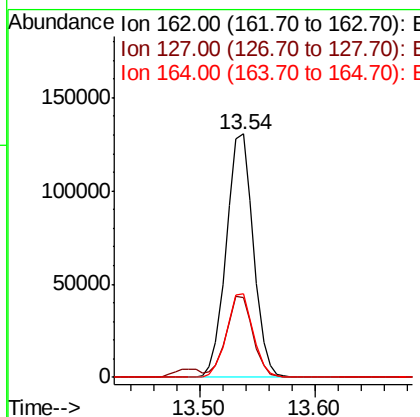
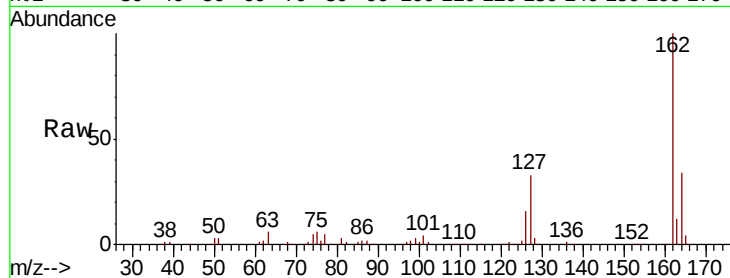




#47
 2-Chloronaphthalene
 Concen: 42.876 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

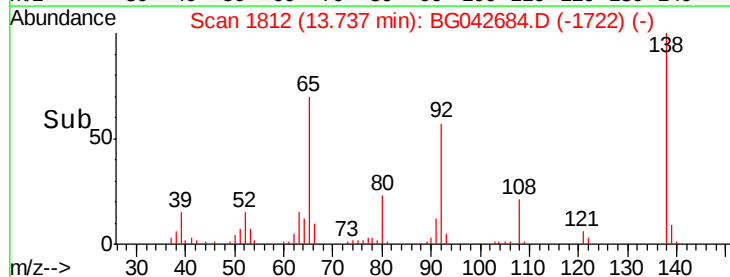
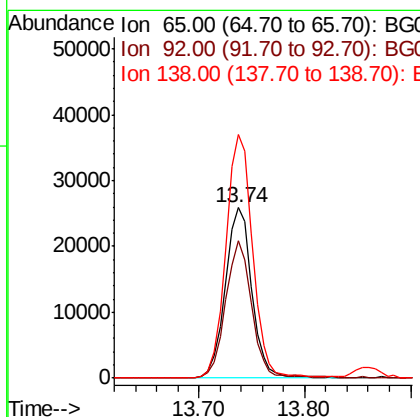
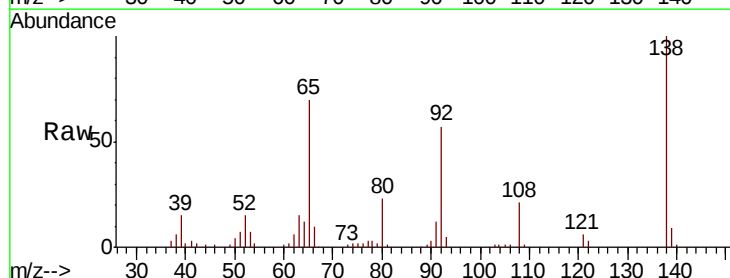
Instrument :
 BNA_G
 ClientSampleId :

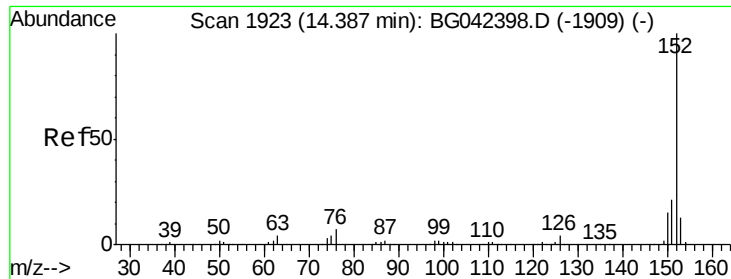
Tot Ion:162 Resp: 211965
 Ion Ratio Lower Upper
 162 100
 127 33.0 26.0 39.0
 164 34.3 27.4 41.0



#48
 2-Nitroaniline
 Concen: 37.619 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion: 65 Resp: 44846
 Ion Ratio Lower Upper
 65 100
 92 80.8 61.8 92.6
 138 143.0 111.0 166.6





#49

Acenaphthylene

Concen: 44.741 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

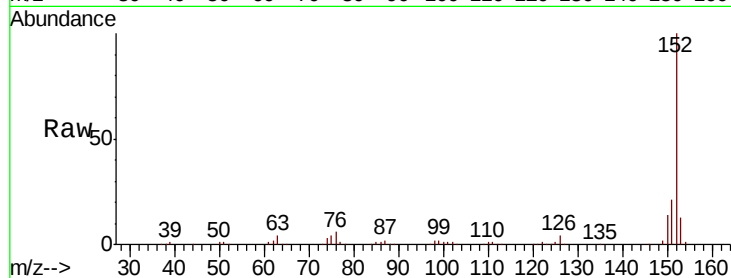
Tot Ion:152 Resp: 332765

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

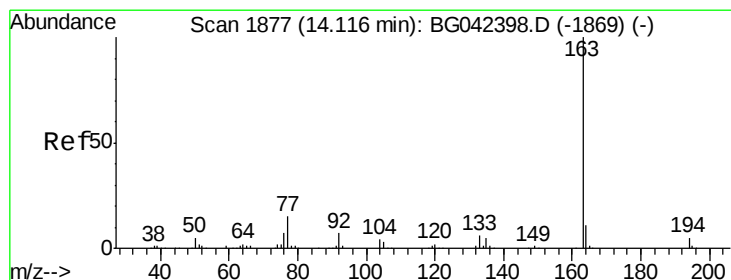
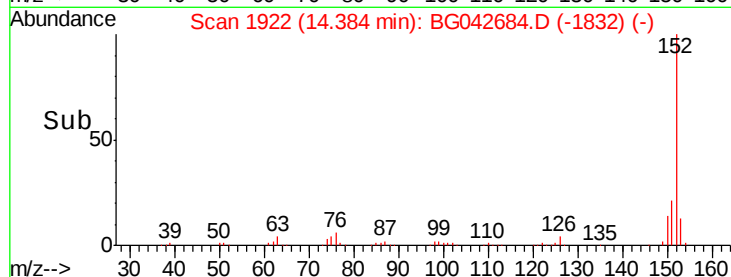
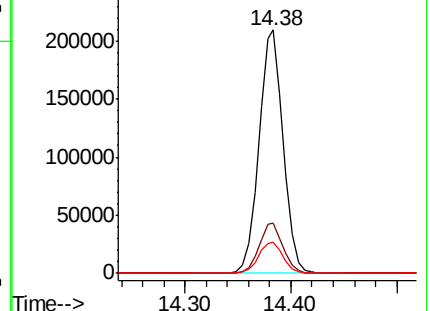
153 12.9 10.6 16.0



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: 41.236 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

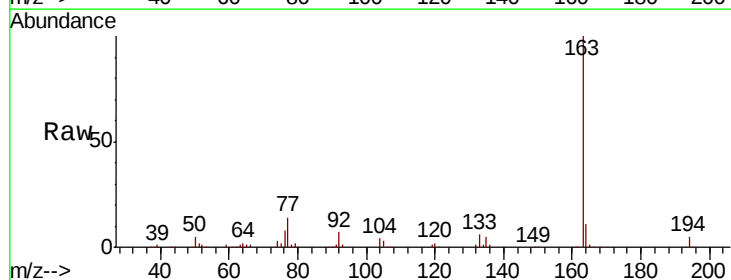
Tgt Ion:163 Resp: 263900

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

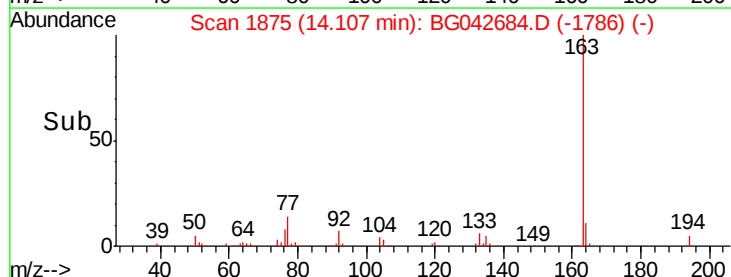
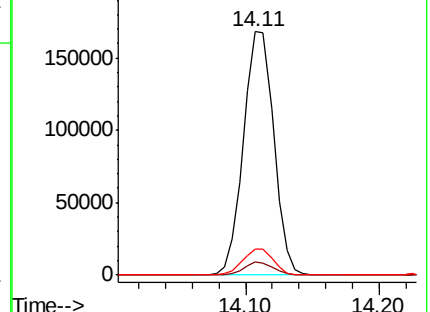
164 10.7 8.8 13.2

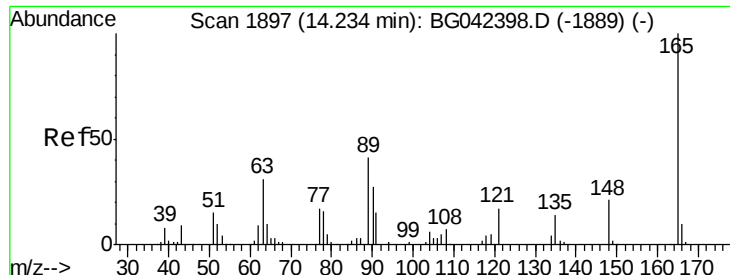


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

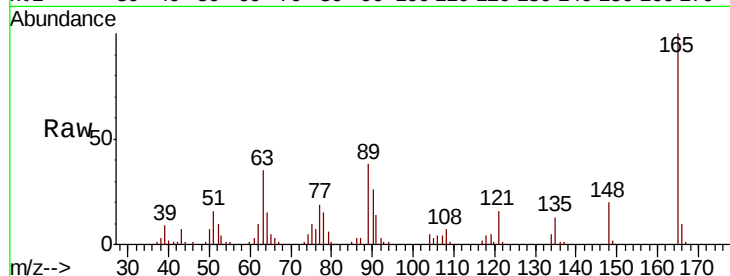




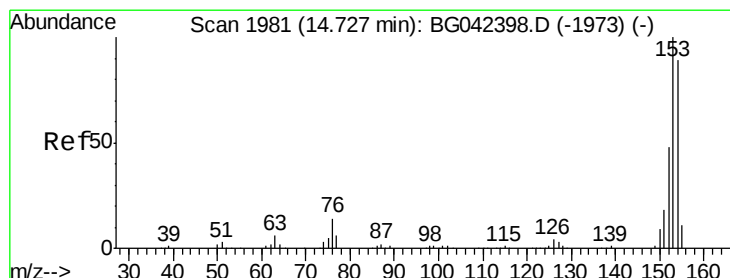
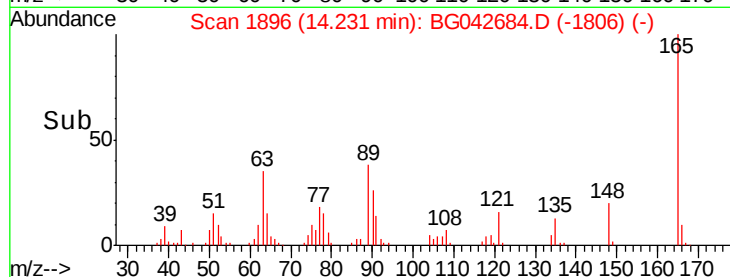
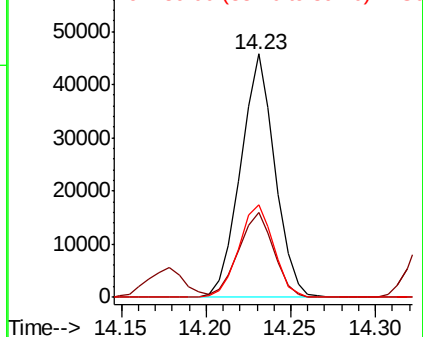
#51
2,6-Dinitrotoluene
Concen: 43.564 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 64623
Ion Ratio Lower Upper
165 100
63 35.1 30.6 45.8
89 38.3 32.6 49.0

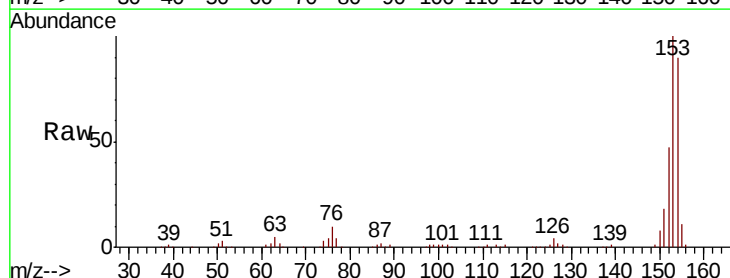


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

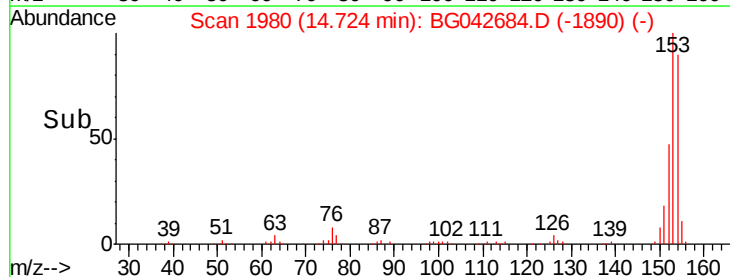
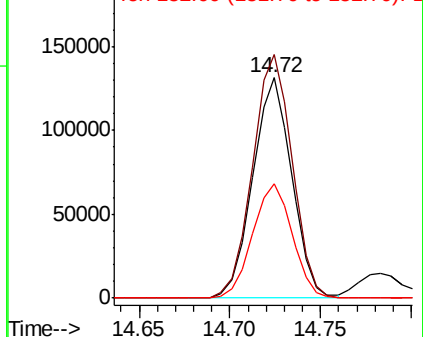


#52
Acenaphthene
Concen: 43.464 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:154 Resp: 196294
Ion Ratio Lower Upper
154 100
153 110.5 90.2 135.4
152 51.7 43.2 64.8



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

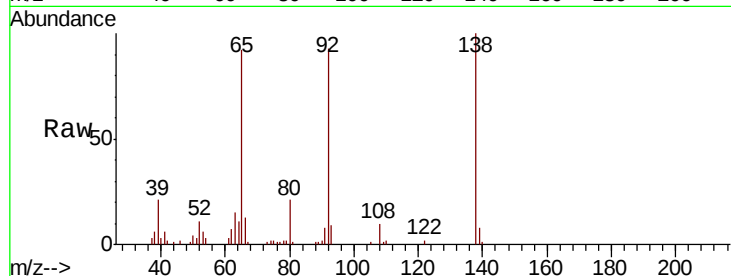




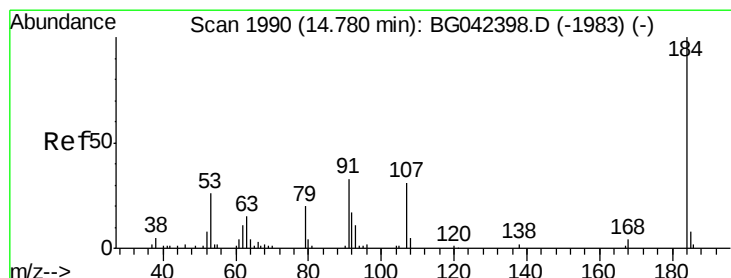
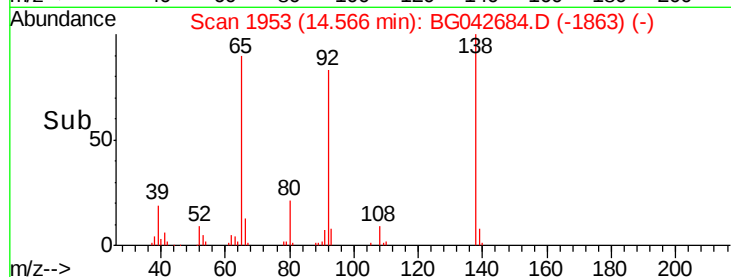
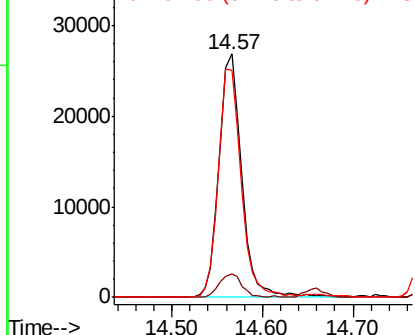
#53
3-Nitroaniline
Concen: 31.477 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 46698
Ion Ratio Lower Upper
138 100
108 9.8 8.3 12.5
92 93.4 78.2 117.4

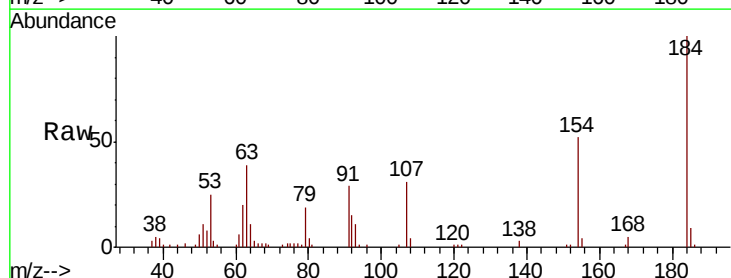


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

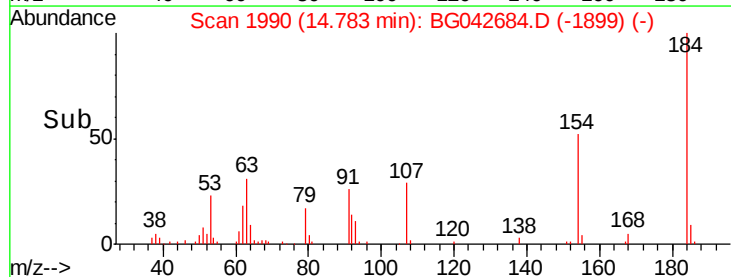
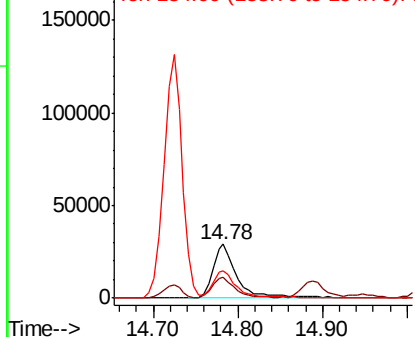


#54
2,4-Dinitrophenol
Concen: 60.065 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:184 Resp: 58369
Ion Ratio Lower Upper
184 100
63 38.9 31.7 47.5
154 52.1 42.0 63.0



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

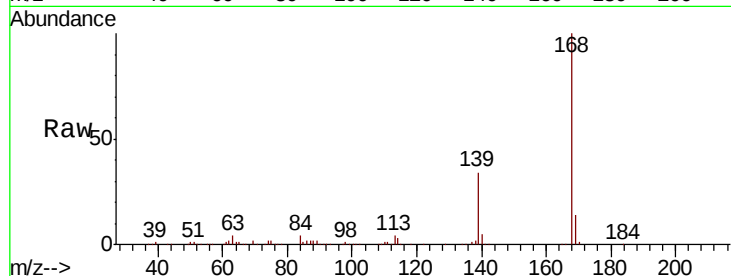




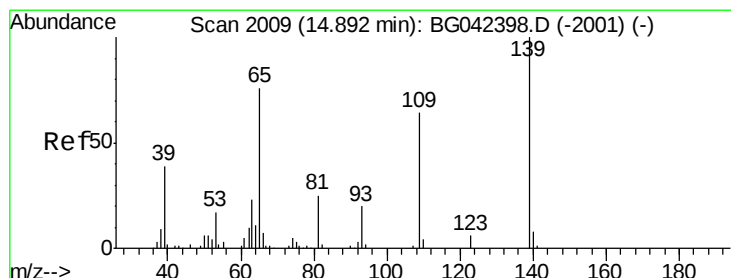
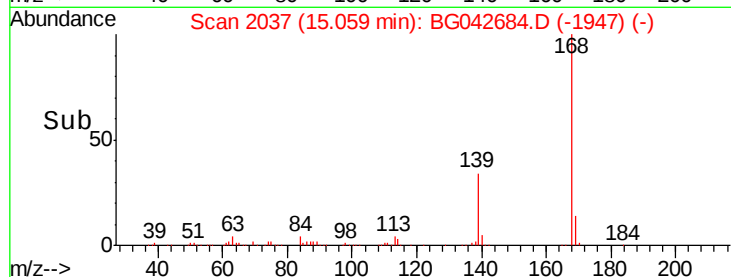
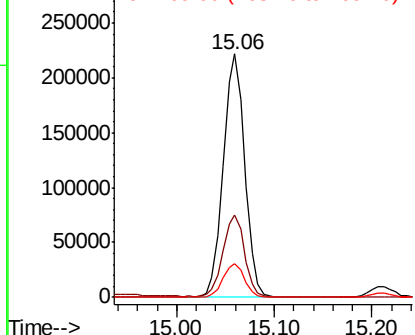
#55
Dibenzenofuran
Concen: 45.138 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 337433
Ion Ratio Lower Upper
168 100
139 33.9 27.2 40.8
169 14.0 11.5 17.3

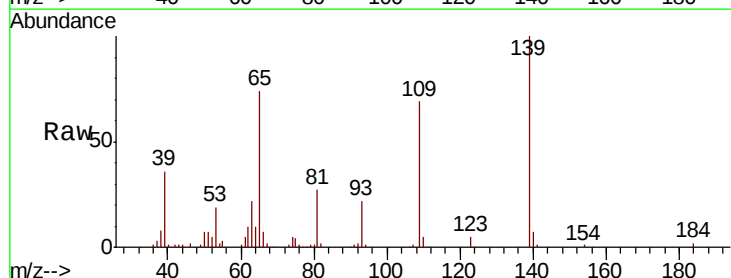


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

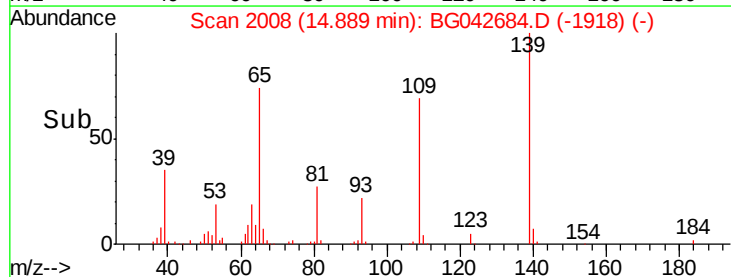
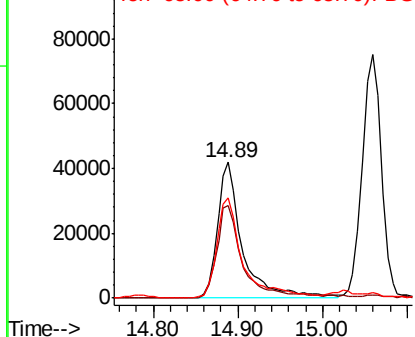


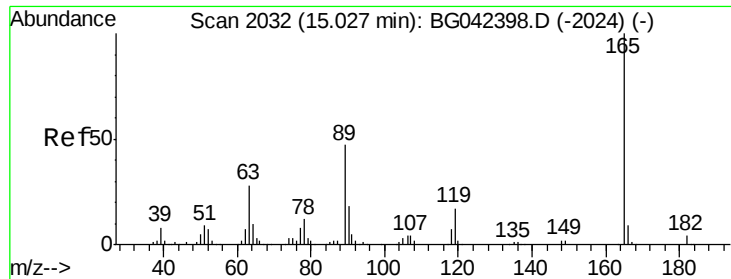
#56
4-Nitrophenol
Concen: 81.663 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:139 Resp: 86086
Ion Ratio Lower Upper
139 100
109 68.7 43.9 83.9
65 74.0 56.3 96.3



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): BGC

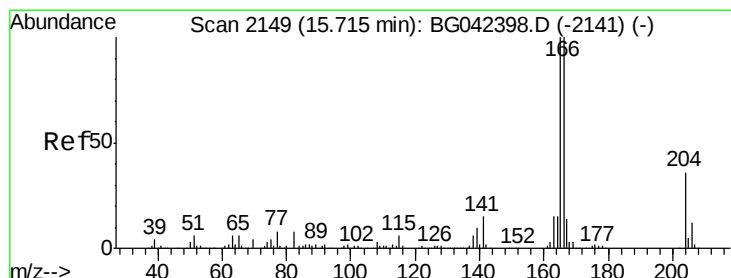
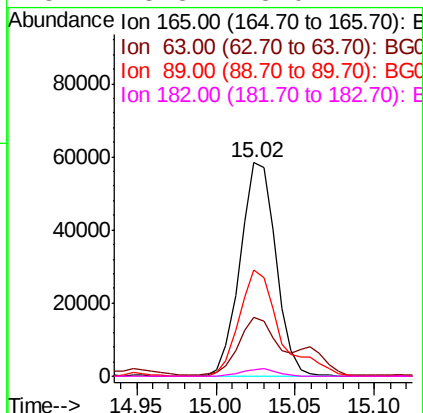
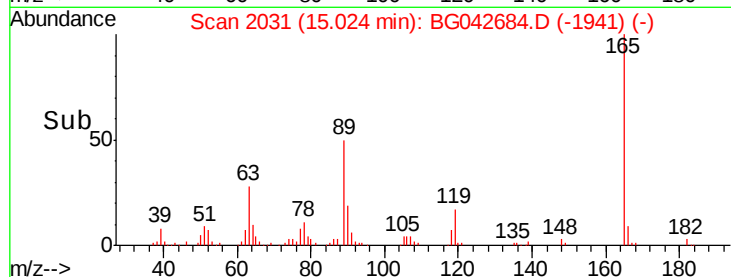
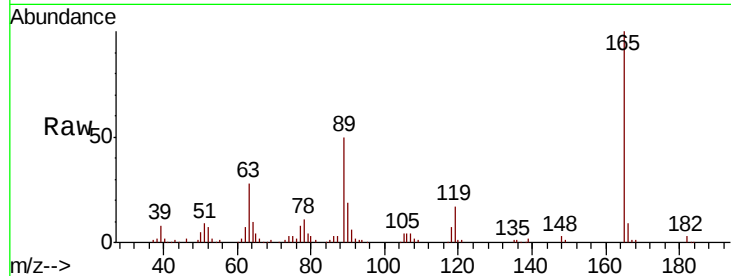




#57
2,4-Dinitrotoluene
Concen: 43.072 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

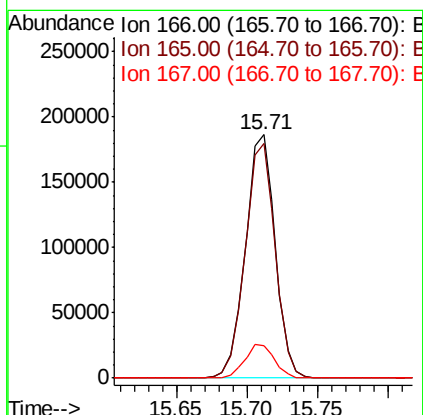
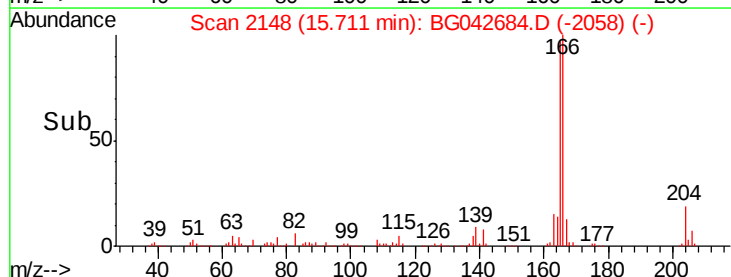
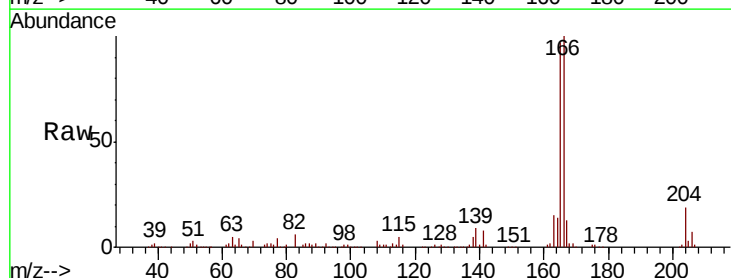
Instrument :
BNA_G
ClientSampleId :

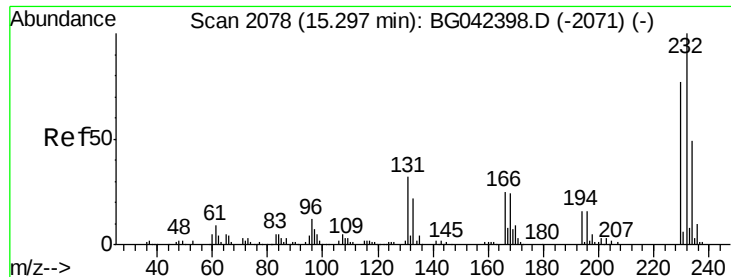
Tot Ion:165	Resp:	91494
Ion Ratio	Lower	Upper
165	100	
63	27.7	22.5 33.7
89	49.8	37.8 56.6
182	3.3	3.0 4.4



#58
Fluorene
Concen: 45.053 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:166	Resp:	275311
Ion Ratio	Lower	Upper
166	100	
165	96.6	79.7 119.5
167	13.3	10.9 16.3

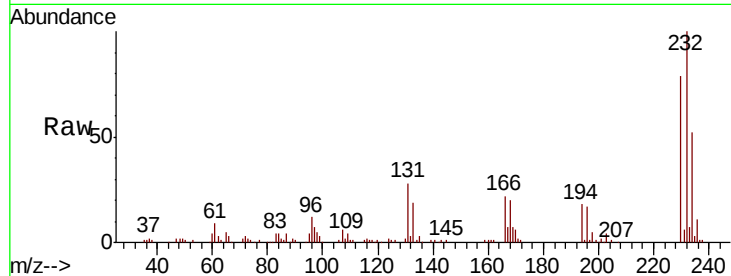




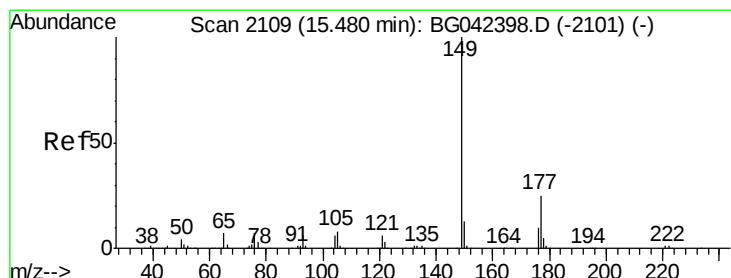
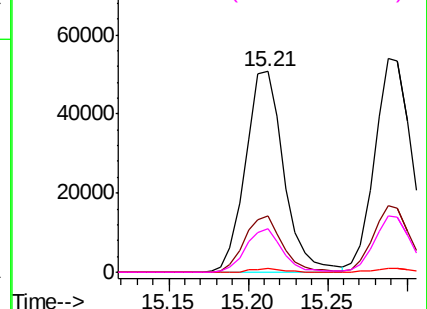
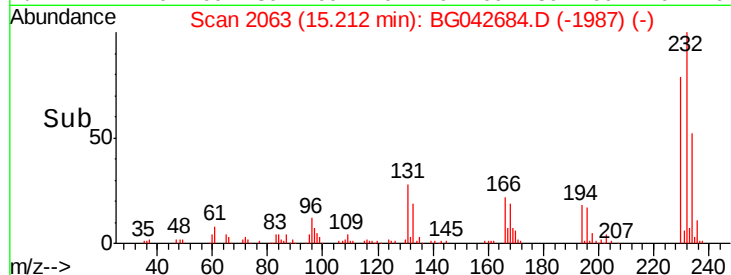
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.411 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	85651	
Ion Ratio	Lower	Upper	
232 100			
131 27.9	22.9	34.3	
130 1.5	1.4	2.0	
166 20.6	17.0	25.4	

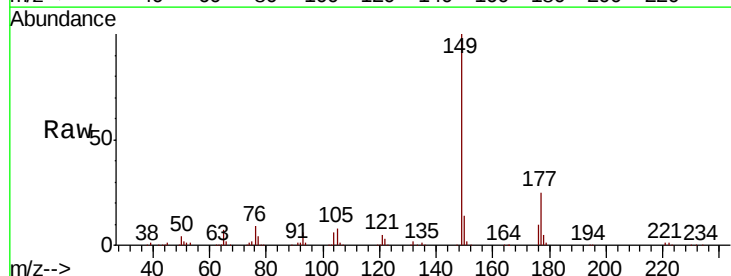


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

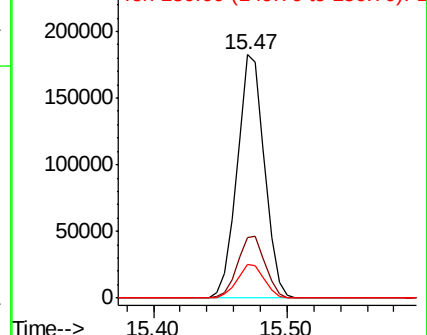
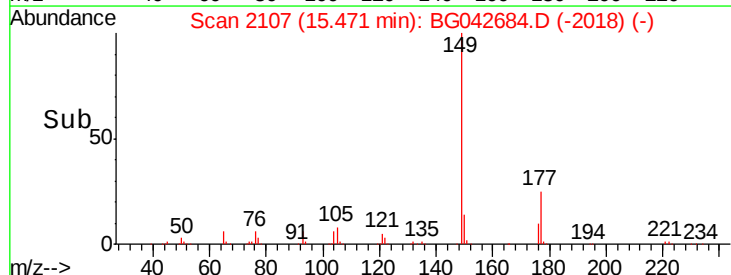


#60
 Diethylphthalate
 Concen: 41.529 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion:149	Resp: 259805
Ion Ratio	Lower Upper
149 100	
177 24.9	20.4 30.6
150 13.7	10.3 15.5



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

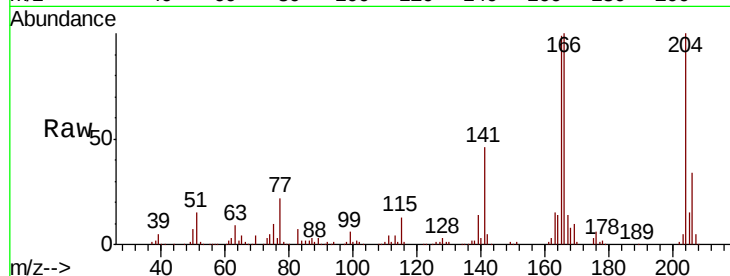




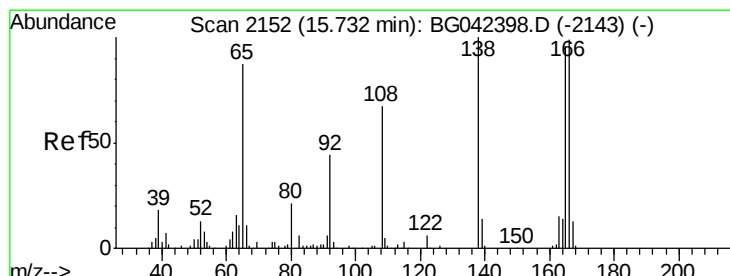
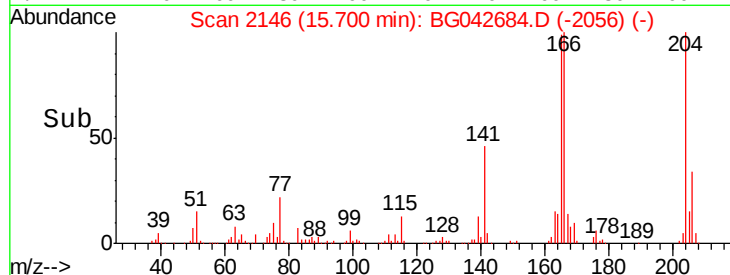
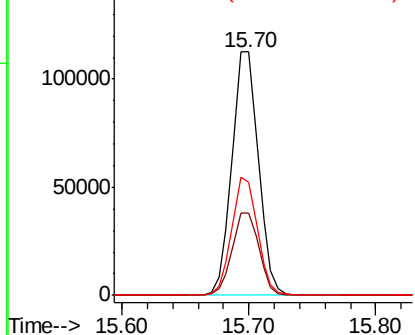
#61
 4-Chlorophenyl-phenylether
 Concen: 44.094 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 162431
 Ion Ratio Lower Upper
 204 100
 206 34.0 27.2 40.8
 141 46.4 38.7 58.1

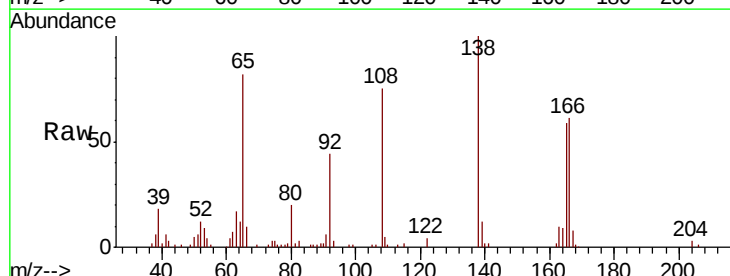


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

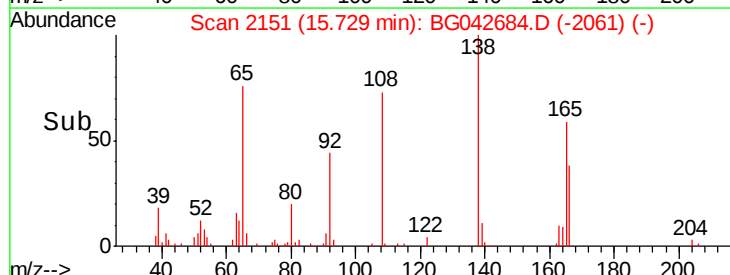
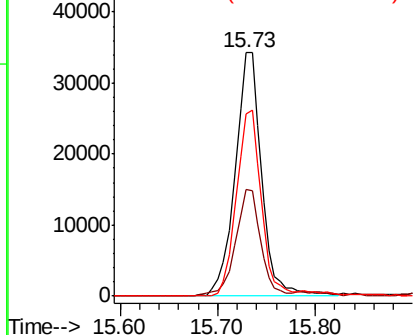


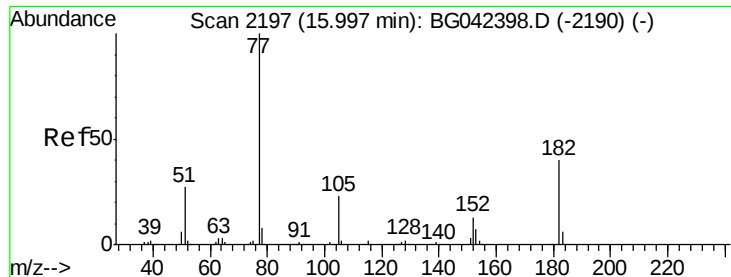
#62
 4-Nitroaniline
 Concen: 40.830 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion:138 Resp: 64828
 Ion Ratio Lower Upper
 138 100
 92 43.7 24.2 64.2
 108 75.1 46.8 86.8



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

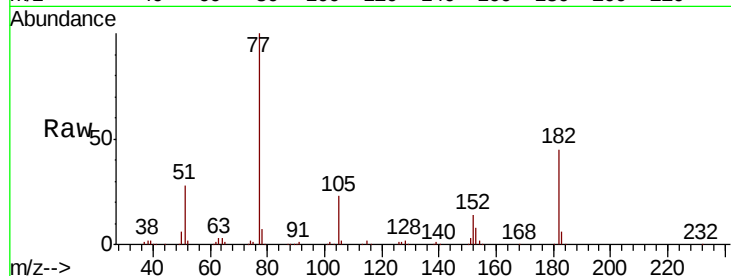




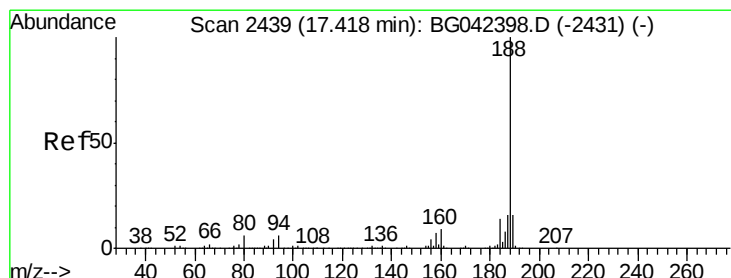
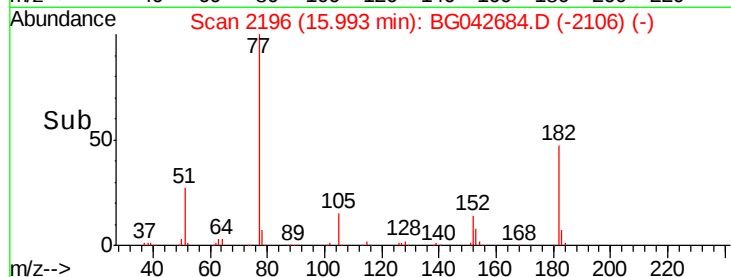
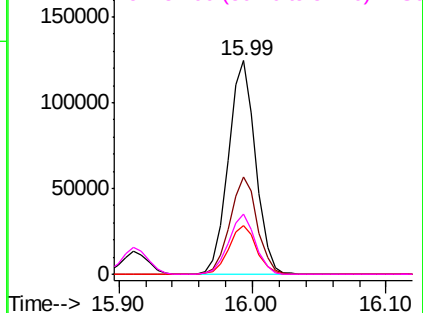
#63
Azobenzene
Concen: 41.341 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 177222
Ion Ratio Lower Upper
77 100
182 45.4 19.9 59.9
105 22.7 2.9 42.9
51 28.4 7.6 47.6

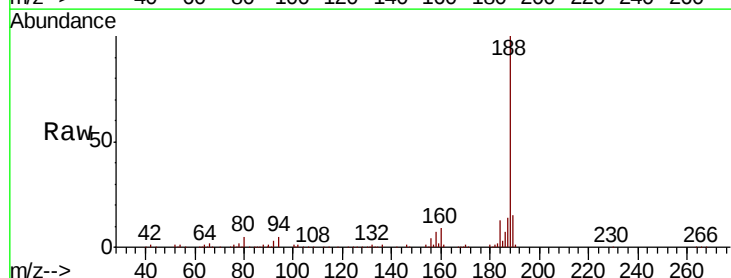


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

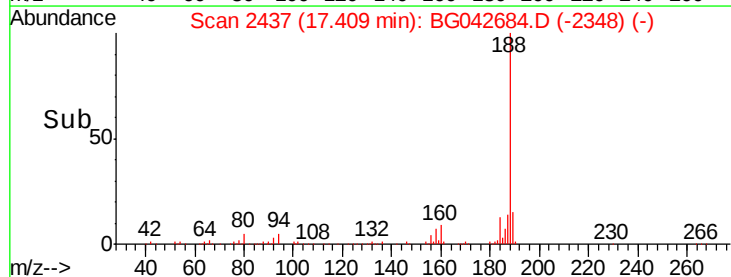
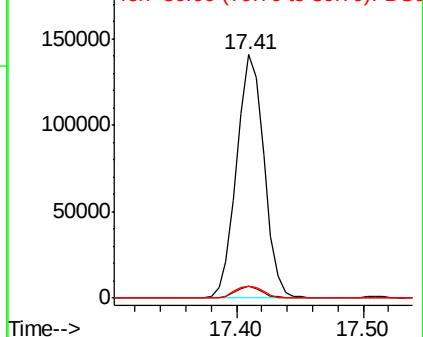


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion: 188 Resp: 210712
Ion Ratio Lower Upper
188 100
94 4.7 4.5 6.7
80 5.1 4.9 7.3



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

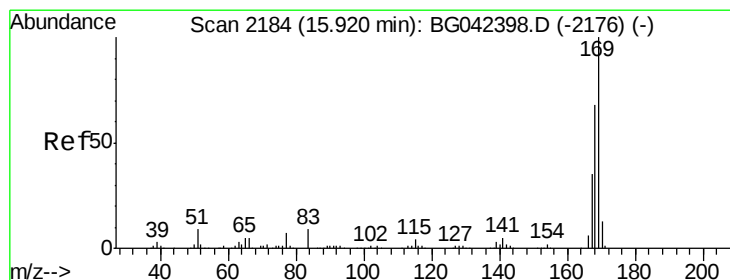
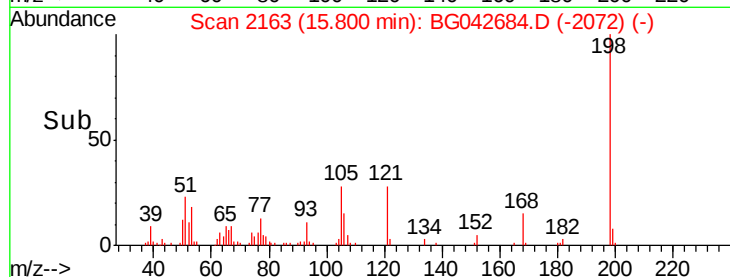
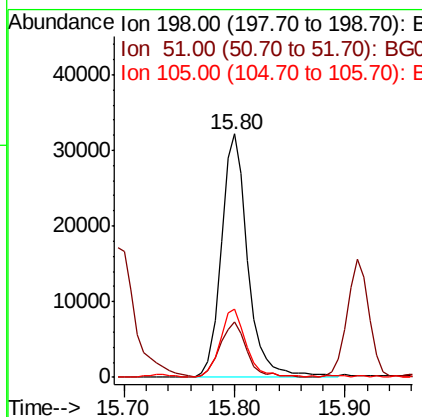
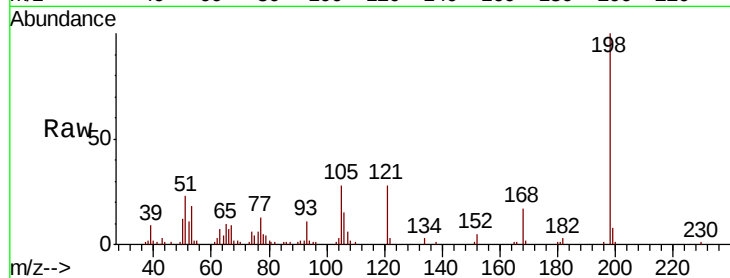




#65
4,6-Dinitro-2-methylphenol
Concen: 40.665 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

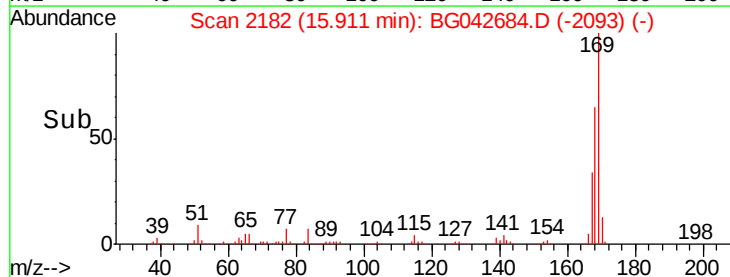
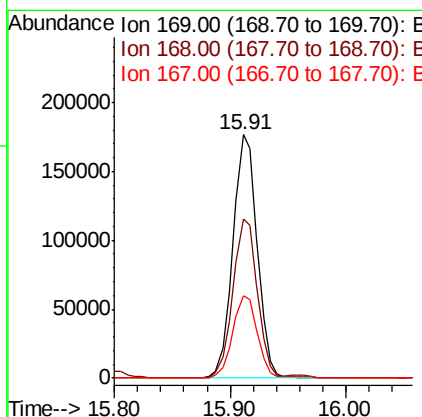
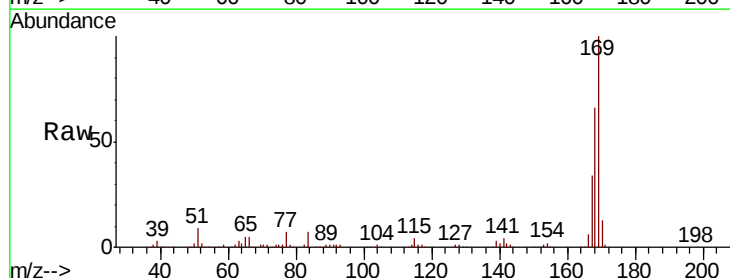
Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 53722
Ion Ratio Lower Upper
198 100
51 23.0 4.2 44.2
105 28.2 8.8 48.8



#66
n-Nitrosodiphenylamine
Concen: 44.240 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:169 Resp: 256360
Ion Ratio Lower Upper
169 100
168 65.5 54.3 81.5
167 34.0 28.2 42.2

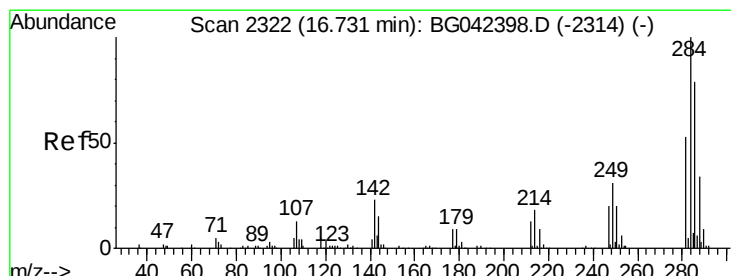
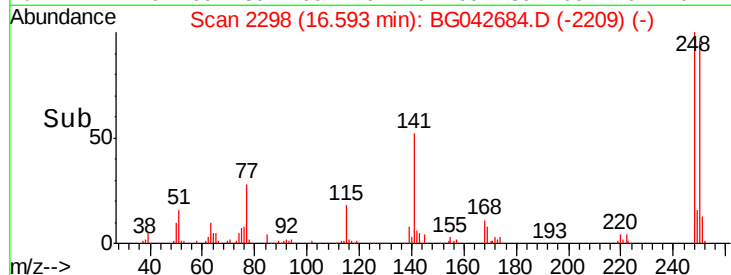
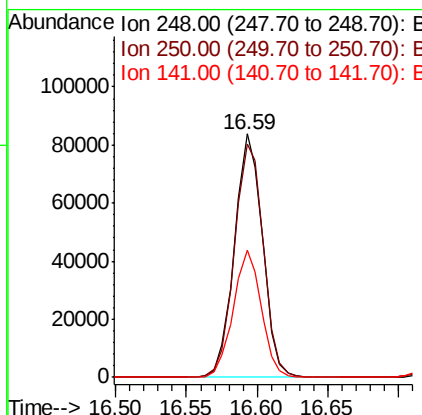
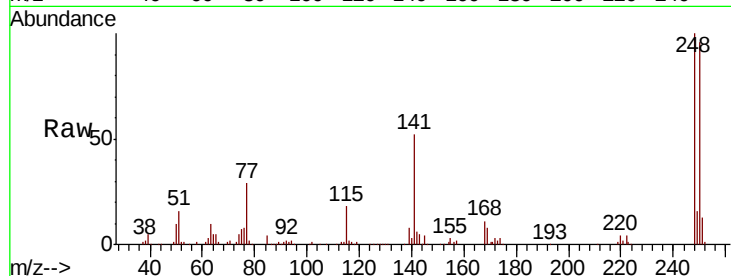




#67
 4-Bromophenyl-phenylether
 Concen: 43.450 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

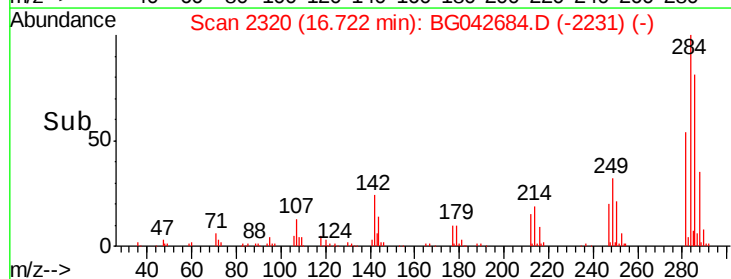
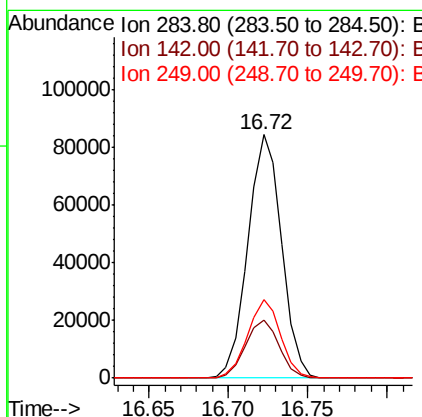
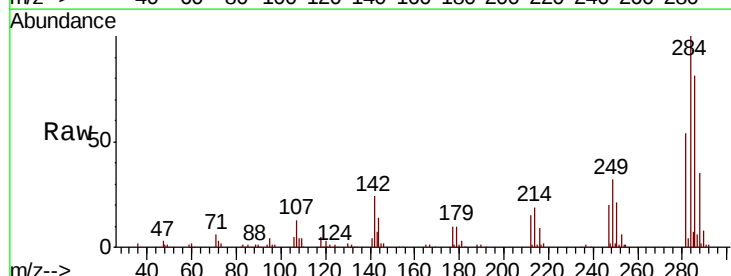
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.9	118.3
141	52.2	43.3	64.9



#68
 Hexachlorobenzene
 Concen: 42.768 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.2	27.4
249	32.1	25.0	37.4

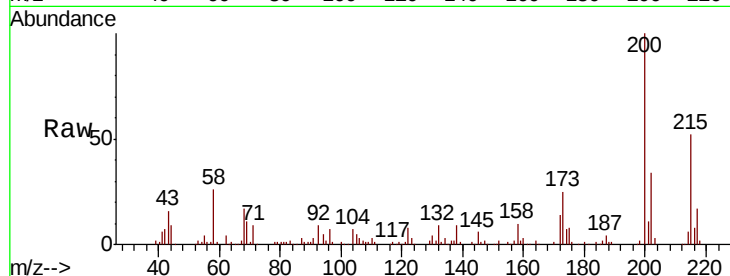




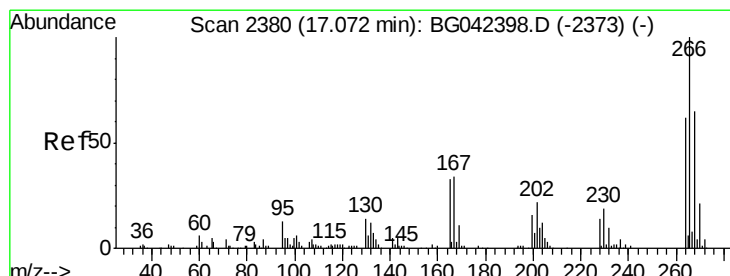
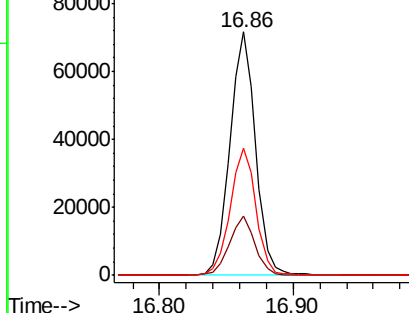
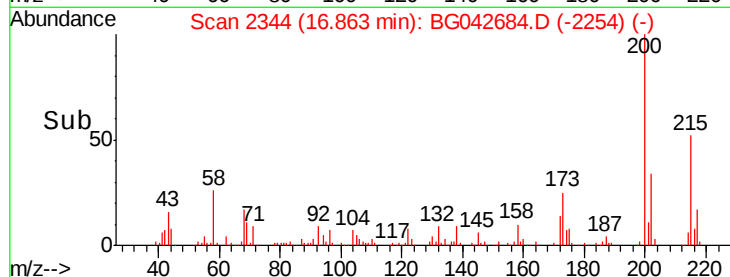
#69
 Atrazine
 Concen: 46.876 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.9	44.9
215	52.4	30.7	70.7

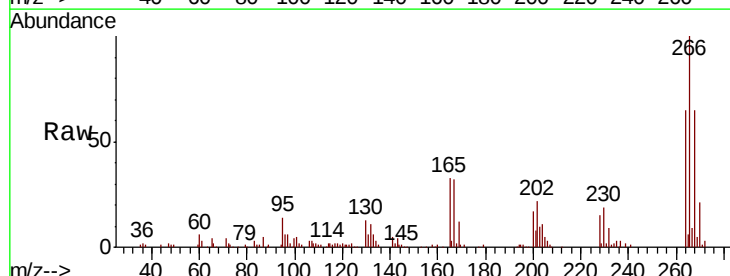


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

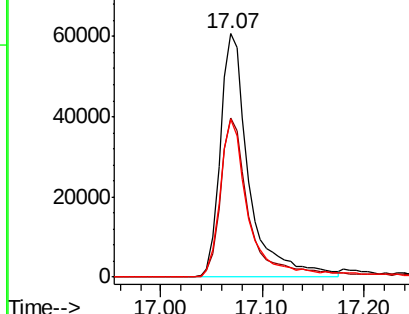
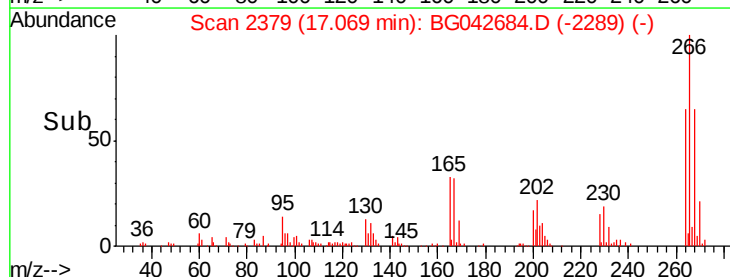


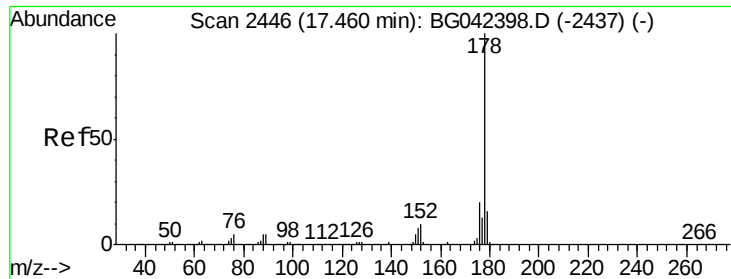
#70
 Pentachlorophenol
 Concen: 78.960 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.1	78.1
264	64.6	49.4	74.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

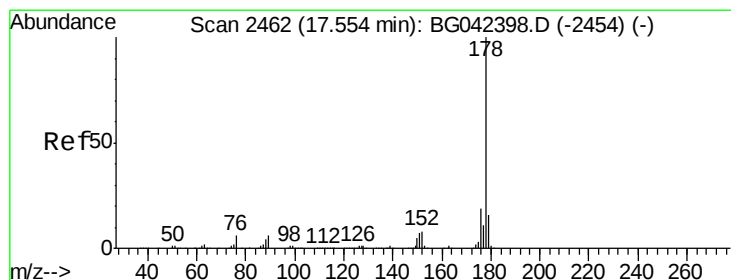
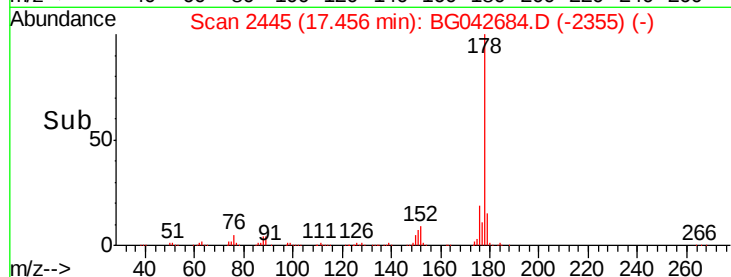
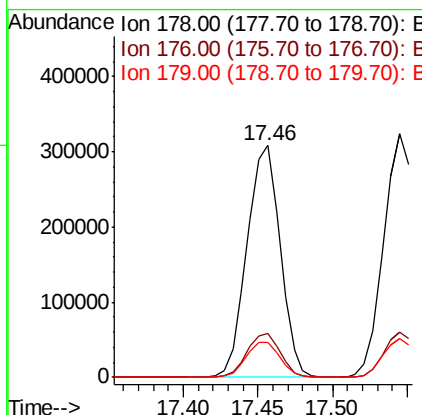
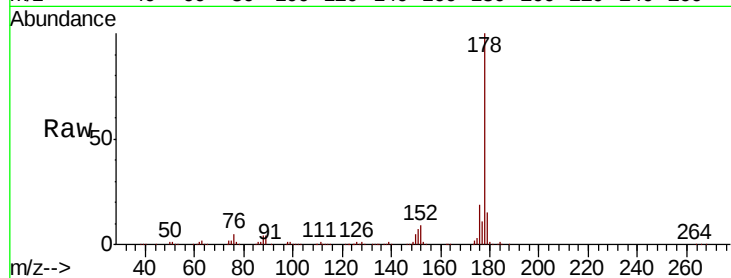




#71
Phenanthrene
Concen: 45.390 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

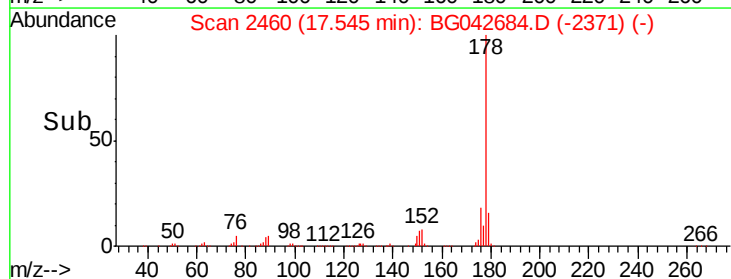
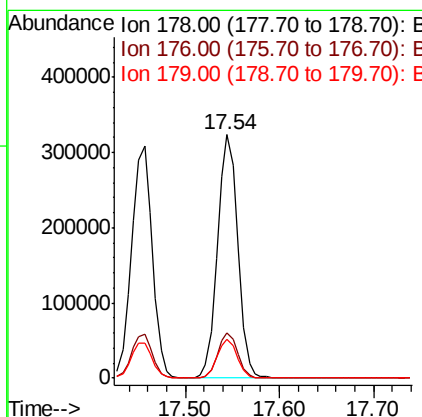
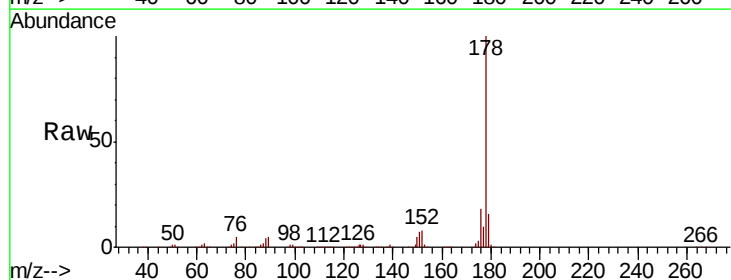
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 475071
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.2 12.7 19.1



#72
Anthracene
Concen: 46.796 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:178 Resp: 488954
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 16.0 12.9 19.3

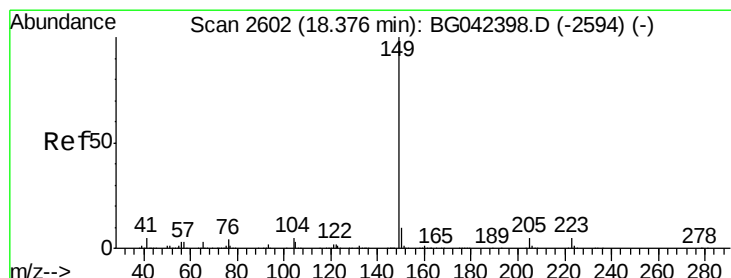
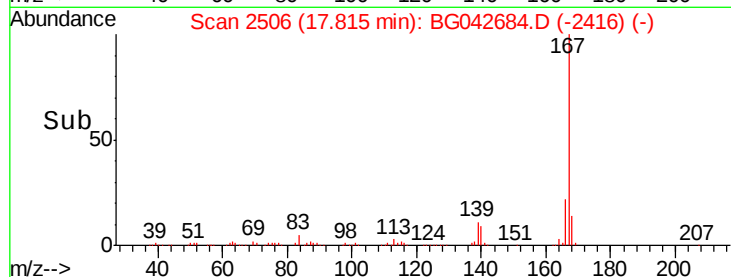
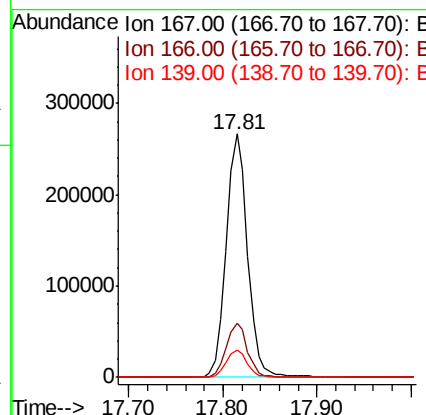
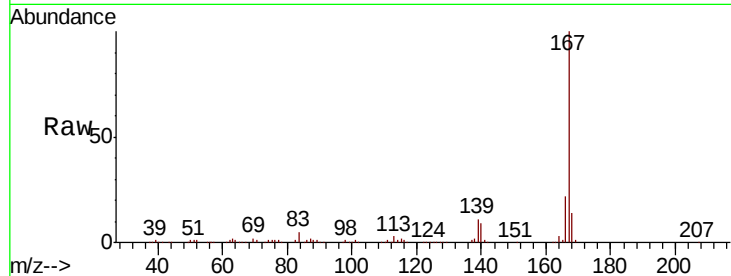




#73
 Carbazole
 Concen: 45.298 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

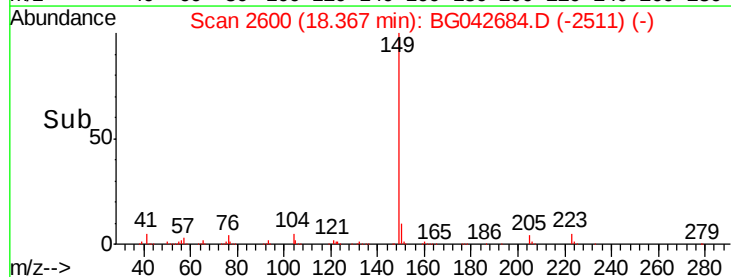
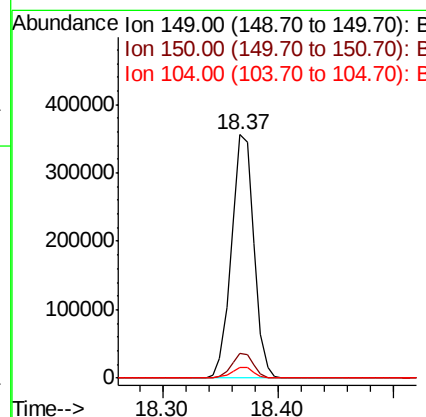
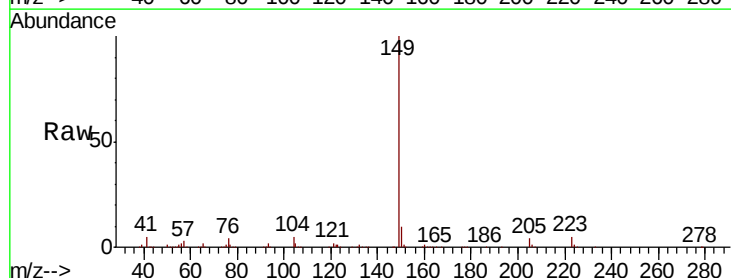
Instrument :
 BNA_G
 ClientSampleId :

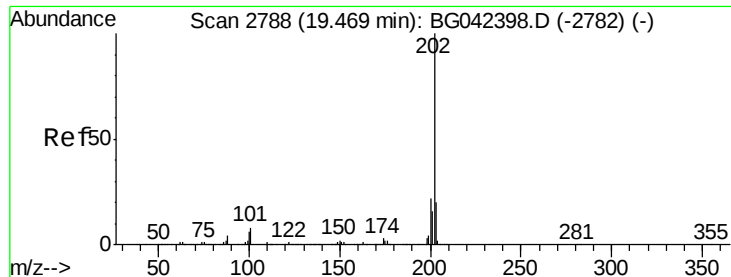
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.9	28.3
139	11.4	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 43.451 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG042684.D
 Acq: 3 Sep 2019 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 48.355 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042684.D

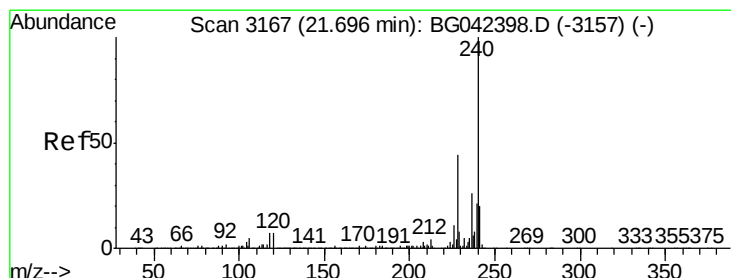
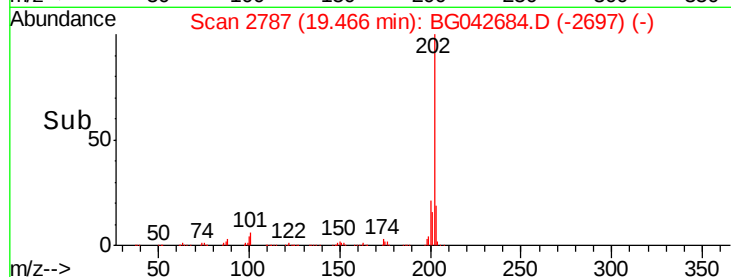
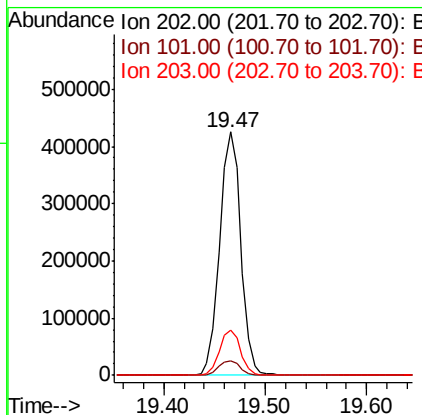
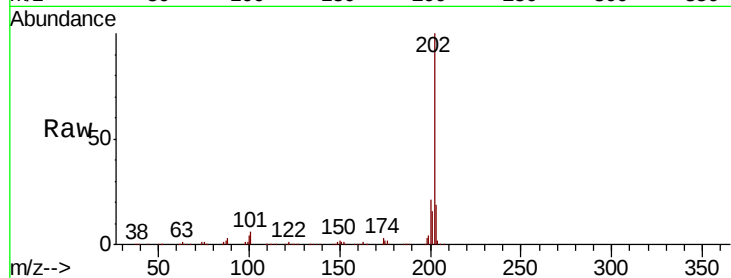
Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	617657
Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.3
203	18.5	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

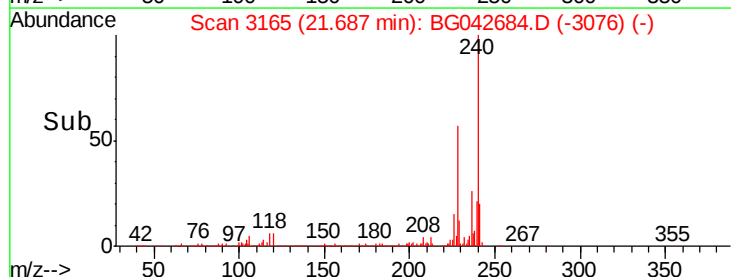
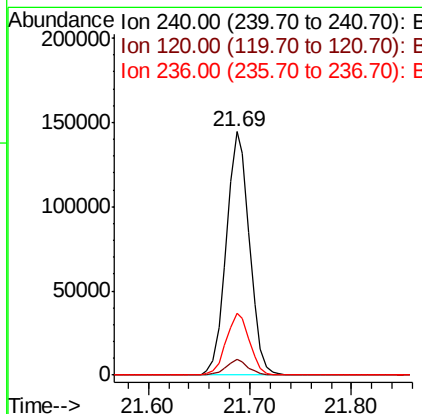
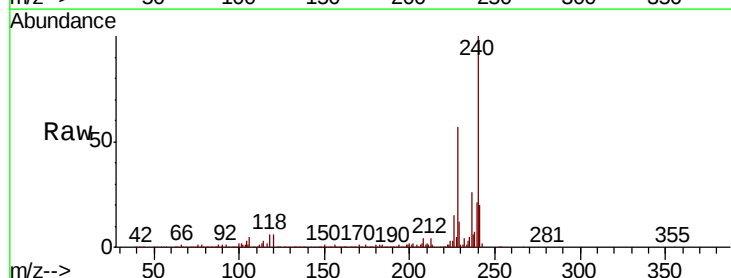
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Tgt Ion:	240	Resp:	228518
Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	25.5	21.0	31.4

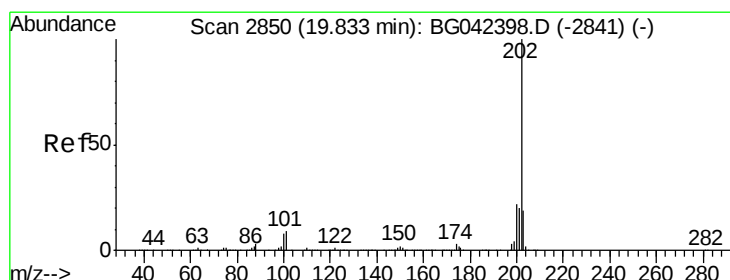
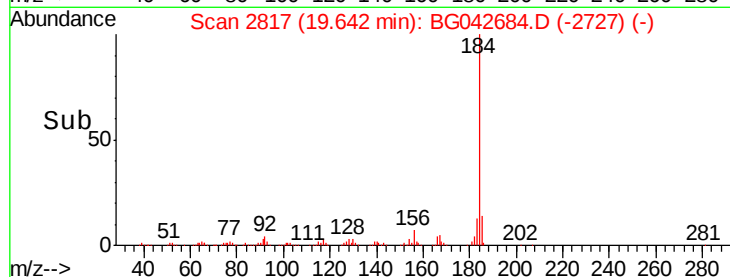
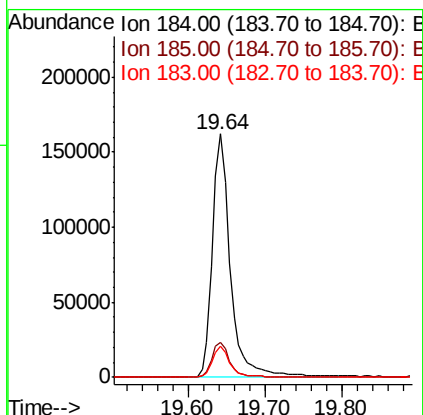
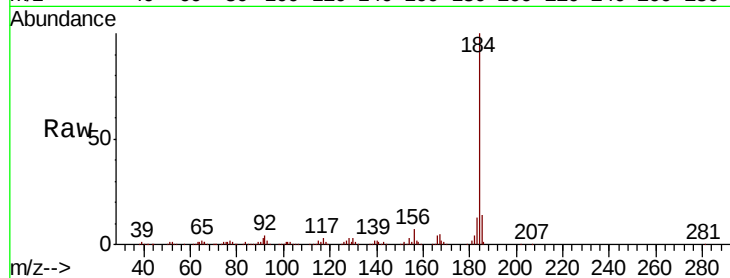




#77
Benzidine
Concen: 40.027 ng
RT: 19.64 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

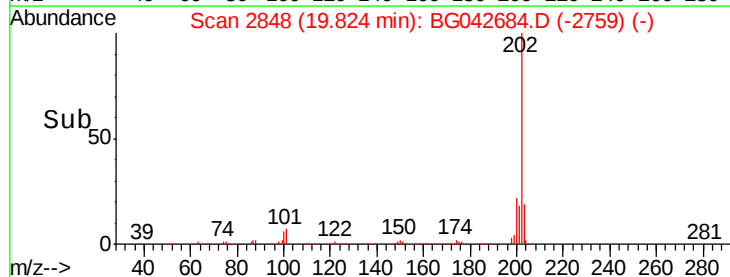
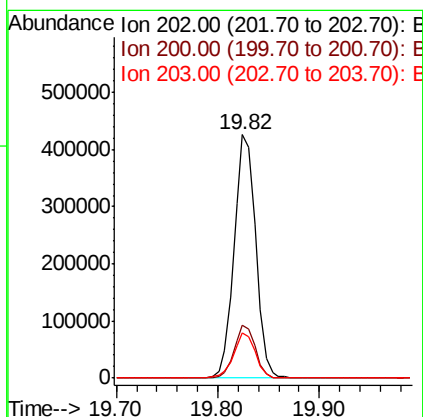
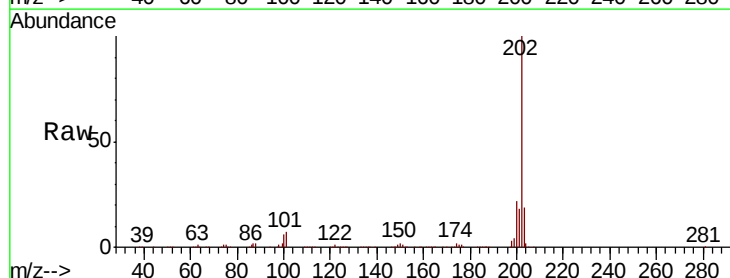
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 262244
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.4
183 12.6 10.8 16.2



#78
Pyrene
Concen: 44.972 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion:202 Resp: 630067
Ion Ratio Lower Upper
202 100
200 21.5 17.8 26.6
203 18.7 15.5 23.3





#79

Terphenyl-d14

Concen: 75.123 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

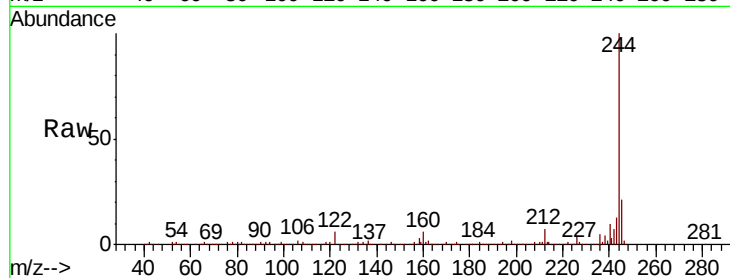
Tot Ion:244 Resp: 794058

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

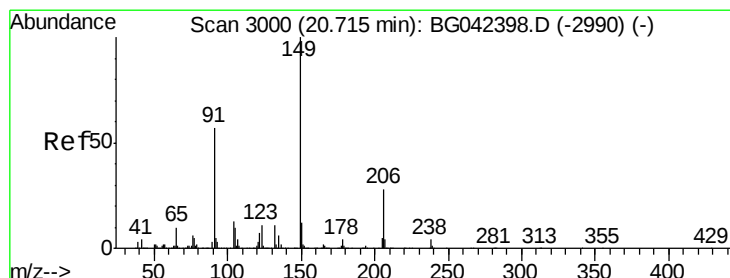
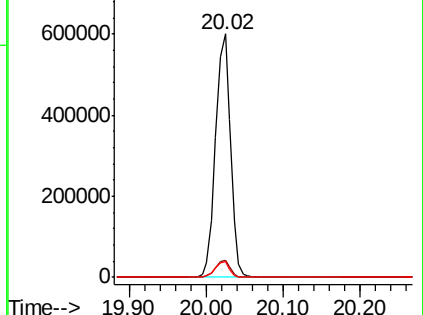
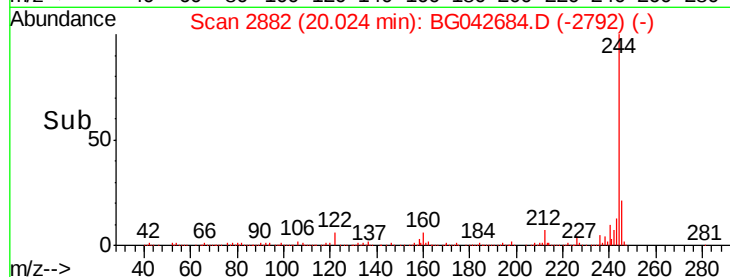
122 6.4 6.7 10.1#



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: 40.715 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

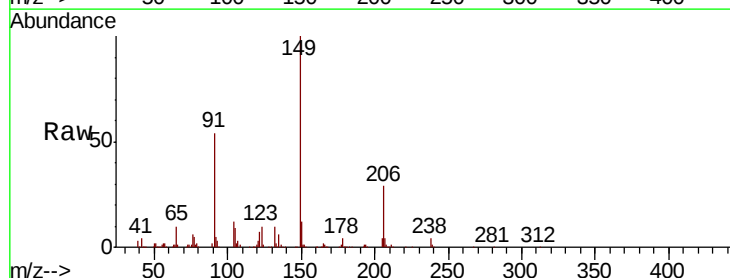
Tgt Ion:149 Resp: 224363

Ion Ratio Lower Upper

149 100

91 53.9 45.9 68.9

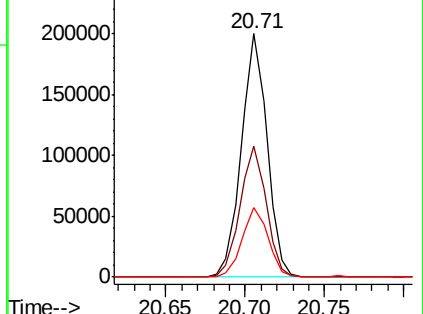
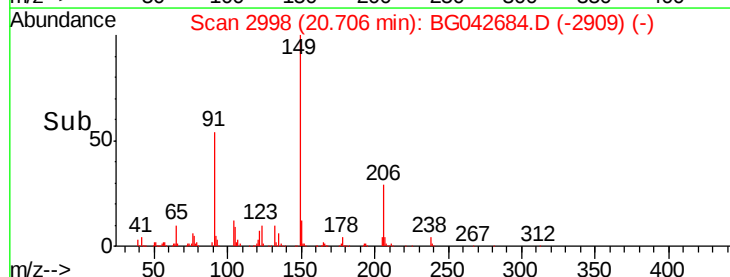
206 28.7 22.5 33.7

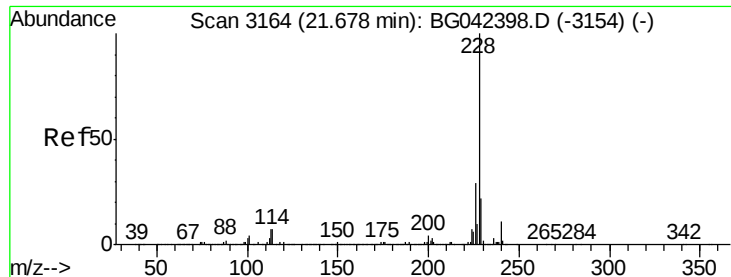


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.022 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampled :

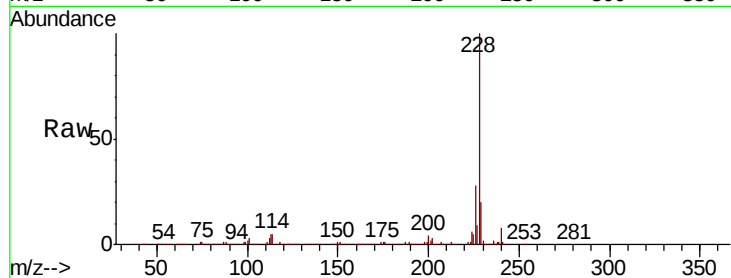
Tot Ion:228 Resp: 625862

Ion Ratio Lower Upper

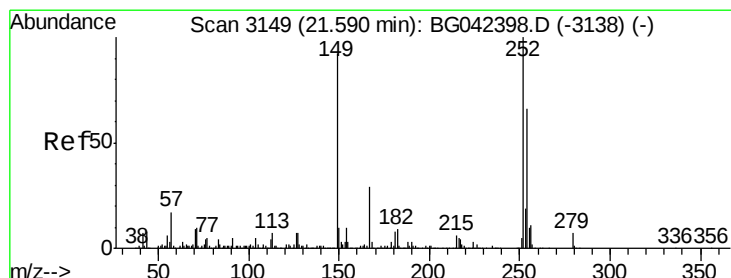
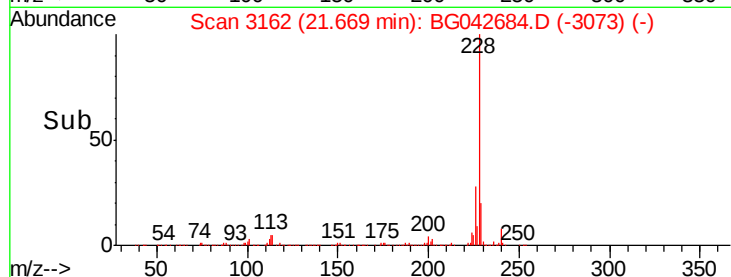
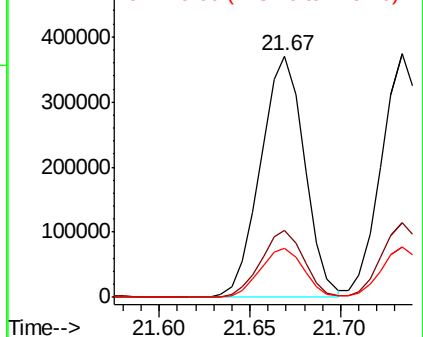
228 100

226 27.6 23.4 35.2

229 20.4 17.4 26.2



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: 36.290 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

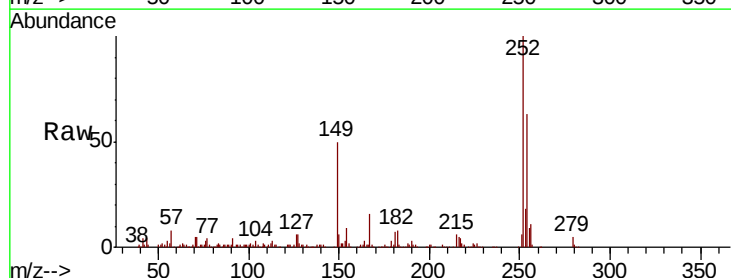
Tgt Ion:252 Resp: 202890

Ion Ratio Lower Upper

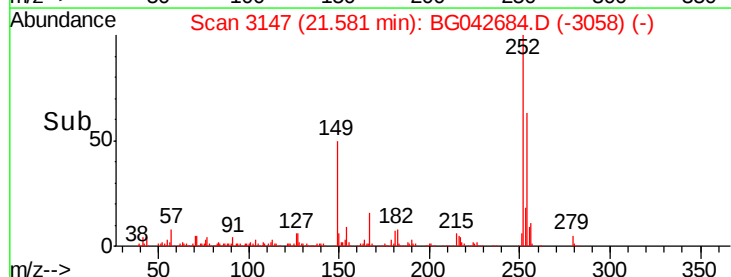
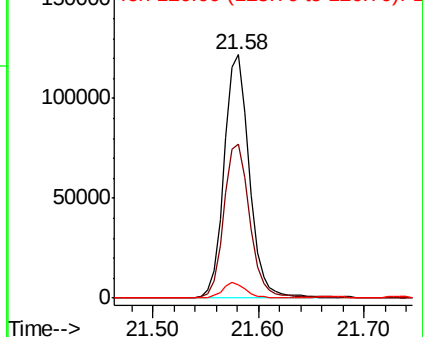
252 100

254 63.0 53.0 79.4

126 5.7 5.7 8.5



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: 45.024 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

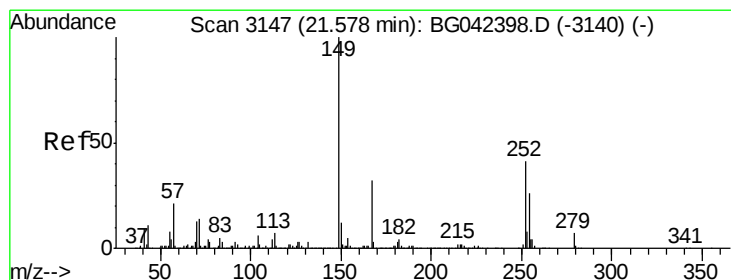
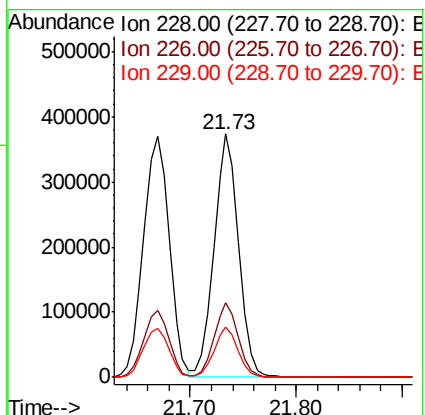
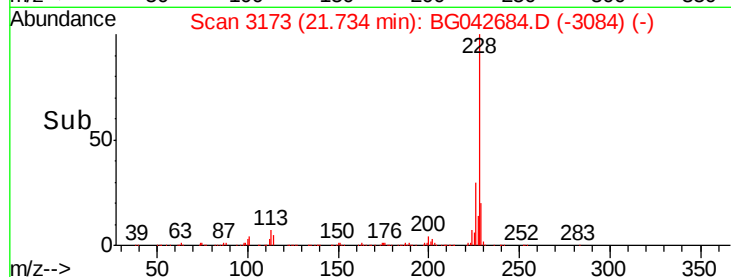
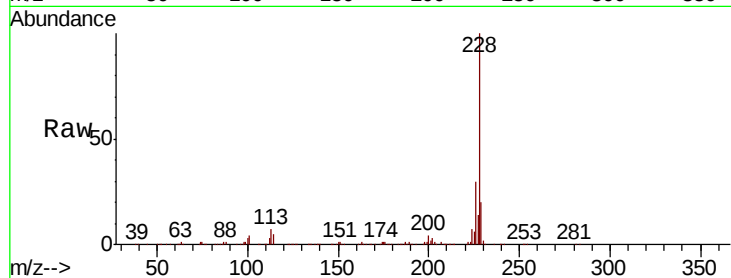
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 603609

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.4	16.9	25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.965 ng

RT: 21.56 min Scan# 3144

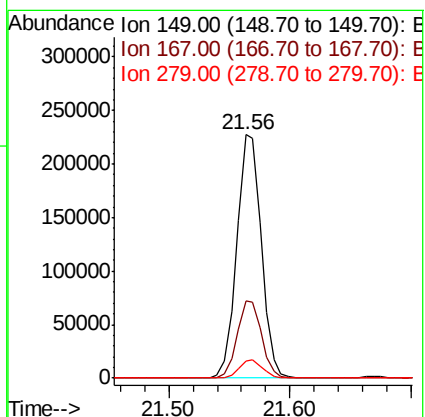
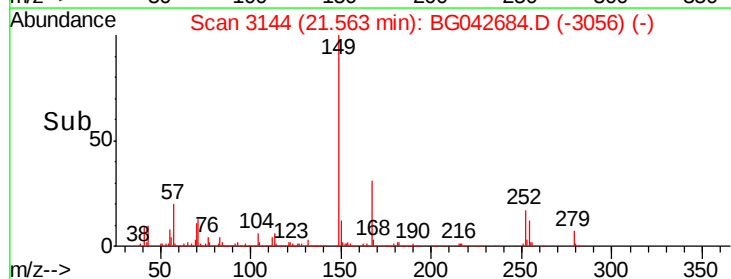
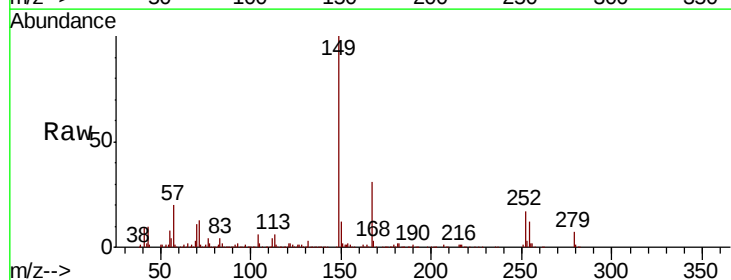
Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Tgt Ion:149 Resp: 321081

Ion	Ratio	Lower	Upper
149	100		
167	31.5	26.0	39.0
279	7.0	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 42.212 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.02 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

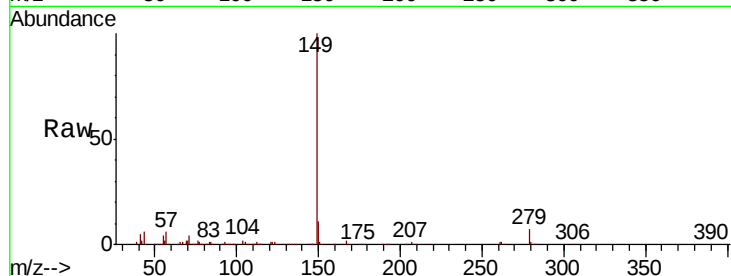
Tot Ion:149 Resp: 555476

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

43 6.1 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.78

400000

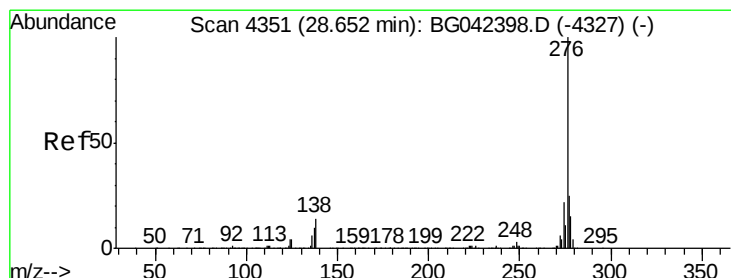
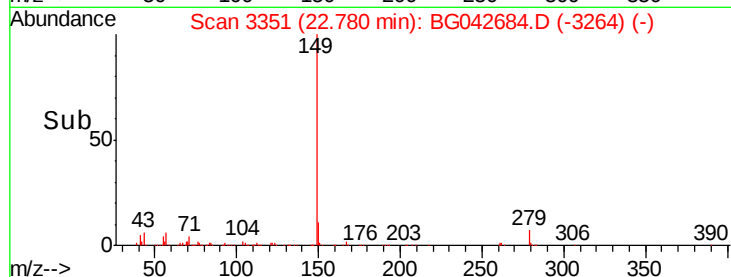
300000

200000

100000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.940 ng

RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

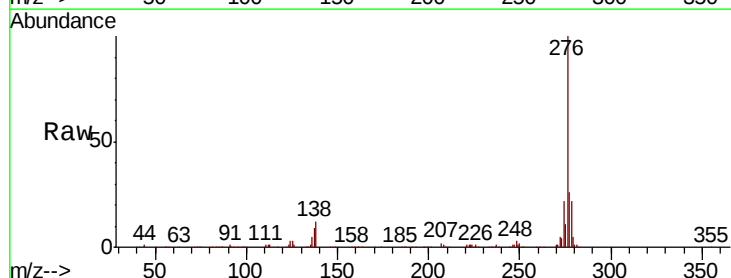
Tgt Ion:276 Resp: 782326

Ion Ratio Lower Upper

276 100

138 7.0 9.2 13.8#

277 25.5 21.0 31.6



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

28.64

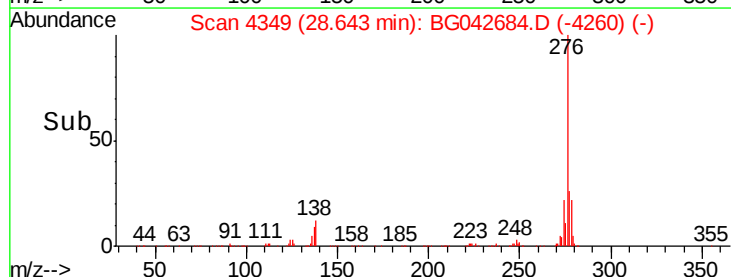
150000

100000

50000

0

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

Instrument :

BNA_G

ClientSampleId :

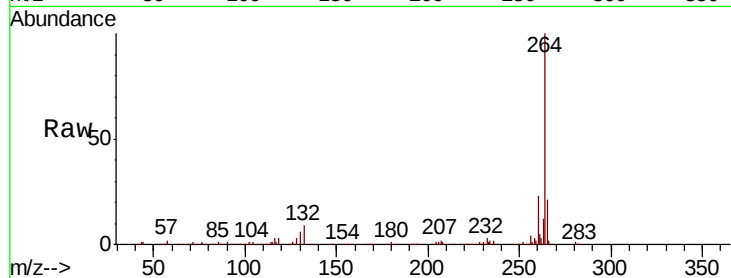
Tot Ion:264 Resp: 271141

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 20.9 17.6 26.4

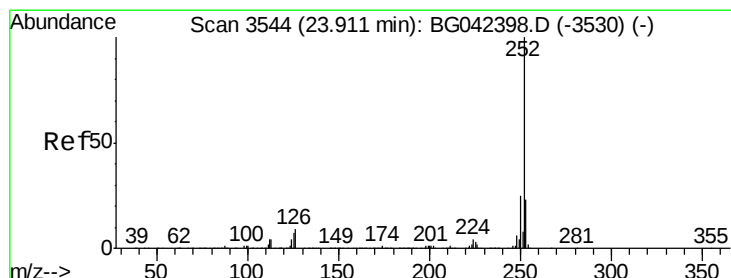
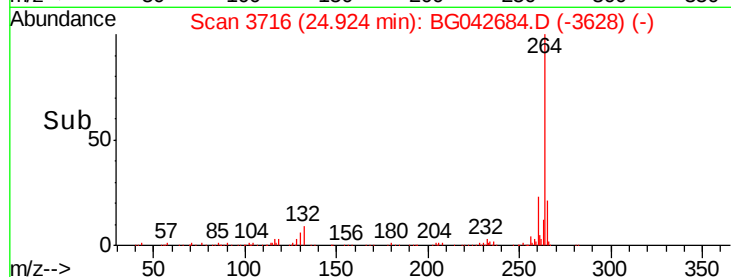
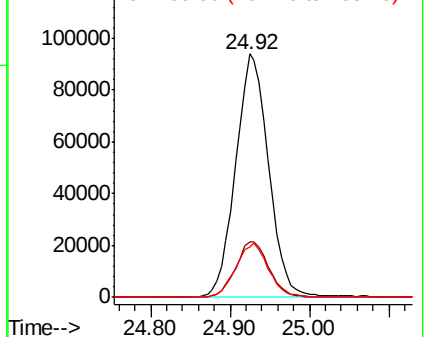


Abundance

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: 45.747 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042684.D

Acq: 3 Sep 2019 12:06

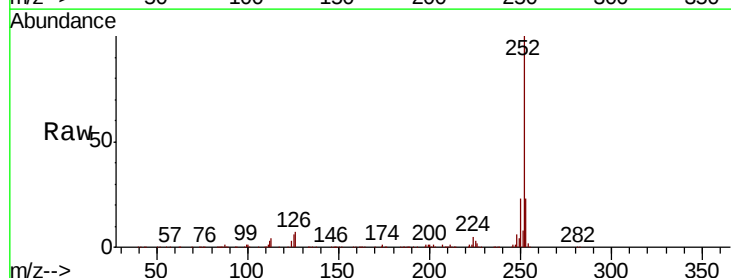
Tgt Ion:252 Resp: 681916

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

125 5.5 5.6 8.4#

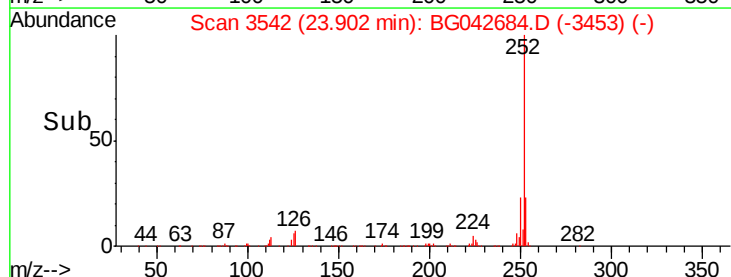
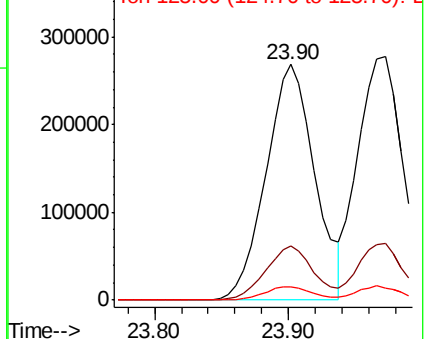


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.320 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG042684.D

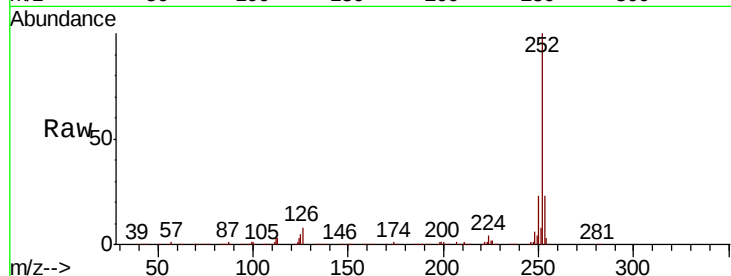
Acq: 3 Sep 2019 12:06

Instrument :

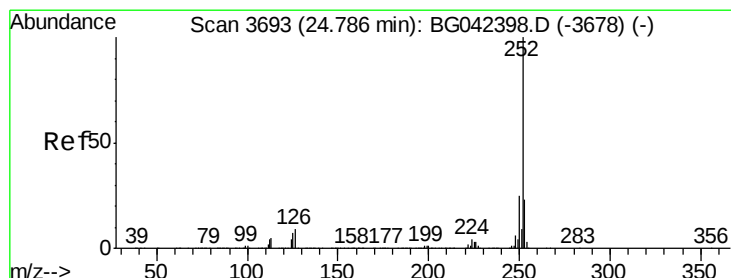
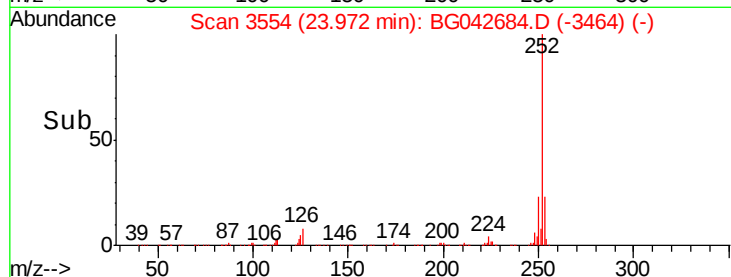
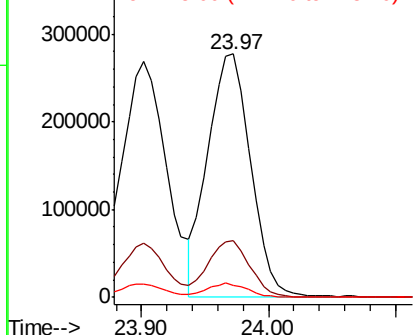
BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	649348
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.6	27.8
125	5.1	5.8	8.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.077 ng

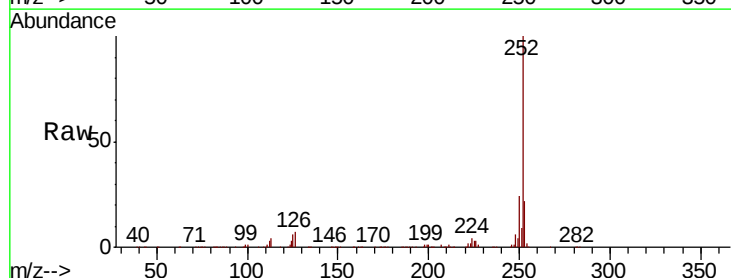
RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

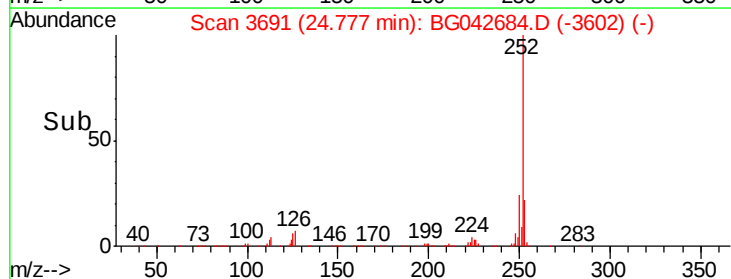
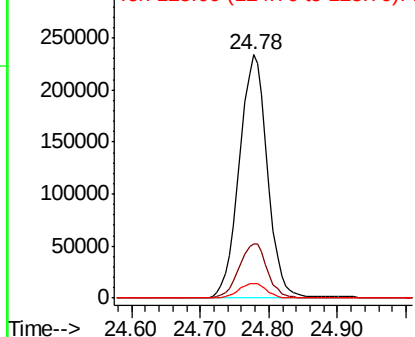
Lab File: BG042684.D

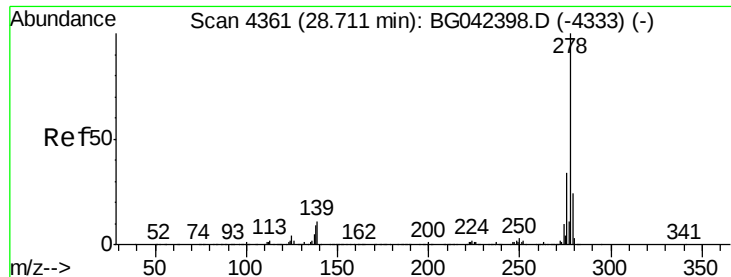
Acq: 3 Sep 2019 12:06

Tgt Ion:	252	Resp:	665904
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	6.2	6.0	9.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

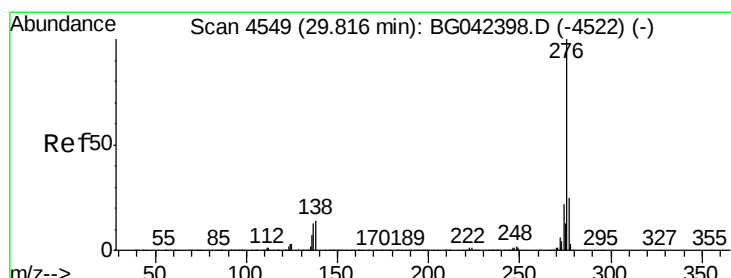
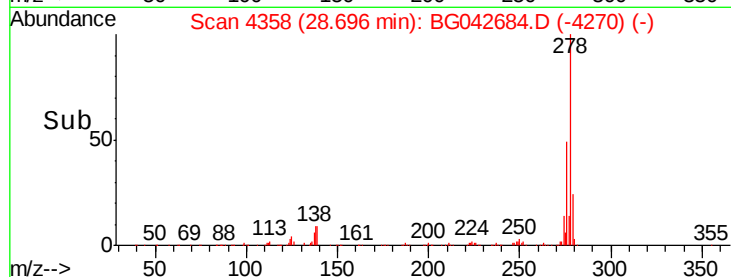
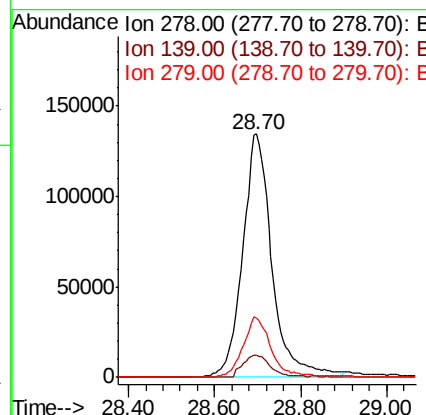
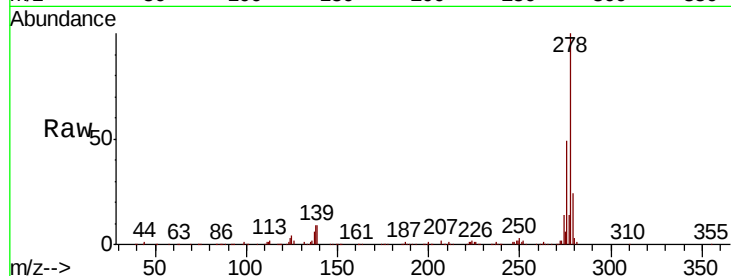




#91
Dibenzo(a,h)anthracene
Concen: 45.024 ng
RT: 28.70 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.8	13.2
279	24.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 44.417 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.01 min
Lab File: BG042684.D
Acq: 3 Sep 2019 12:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.8	29.8
138	11.9	11.4	17.0

