

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042752.D
 Acq On : 6 Sep 2019 17:33
 Operator : HP/JU
 Sample : PB122813BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 18:14:10 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	7.99	152	26555	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	119390	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	100835	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	252430	20.00	ng	0.00
76) Chrysene-d12	21.69	240	208656	20.00	ng	0.00
87) Perylene-d12	24.93	264	204033	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	156015	118.99	ng	0.00
7) Phenol-d6	7.17	99	203577	114.94	ng	0.00
23) Nitrobenzene-d5	9.16	82	104169	60.29	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	169124	118.00	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	387542	65.00	ng	0.00
79) Terphenyl-d14	20.02	244	766425	79.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	15862	28.989	ng	96
3) Pyridine	3.82	79	34633	24.683	ng	95
4) n-Nitrosodimethylamine	3.73	42	20040	39.989	ng	86
6) Aniline	7.31	93	66420	28.117	ng	96
8) 2-Chlorophenol	7.56	128	73442	46.218	ng	98
9) Benzaldehyde	7.12	77	27420	30.924	ng	95
10) Phenol	7.19	94	80324	44.606	ng	90
11) bis(2-Chloroethyl)ether	7.41	93	51460	36.387	ng	96
12) 1,3-Dichlorobenzene	7.88	146	73466	36.343	ng	97
13) 1,4-Dichlorobenzene	8.03	146	76608	37.414	ng	99
14) 1,2-Dichlorobenzene	8.35	146	74121	37.800	ng	96
15) Benzyl Alcohol	8.24	79	54565	42.823	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	65375	34.106	ng	100
17) 2-Methylphenol	8.45	107	58631	44.205	ng	94
18) Hexachloroethane	9.08	117	25072	35.767	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	43716	38.100	ng	# 93
20) 3+4-Methylphenols	8.78	107	80880	44.068	ng	97
22) Acetophenone	8.82	105	100258	39.262	ng	# 98
24) Nitrobenzene	9.20	77	64529	36.884	ng	98
25) Isophorone	9.73	82	126812	37.192	ng	98
26) 2-Nitrophenol	9.92	139	44653	40.728	ng	94
27) 2,4-Dimethylphenol	9.99	122	73170	48.449	ng	94
28) bis(2-Chloroethoxy)methane	10.21	93	78411	36.487	ng	97
29) 2,4-Dichlorophenol	10.47	162	90305	45.702	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	94260	38.865	ng	98
31) Naphthalene	10.87	128	218158	39.358	ng	100
32) Benzoic acid	10.16	122	27537	29.017	ng	99
33) 4-Chloroaniline	10.98	127	67324	26.311	ng	98
34) Hexachlorobutadiene	11.15	225	63192	38.768	ng	99
35) Caprolactam	11.75	113	22235	33.724	ng	88
36) 4-Chloro-3-methylphenol	12.11	107	82678	44.077	ng	97
37) 2-Methylnaphthalene	12.48	142	187251	42.072	ng	96
38) 1-Methylnaphthalene	12.70	142	176777	41.815	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	130618	40.337	ng	99

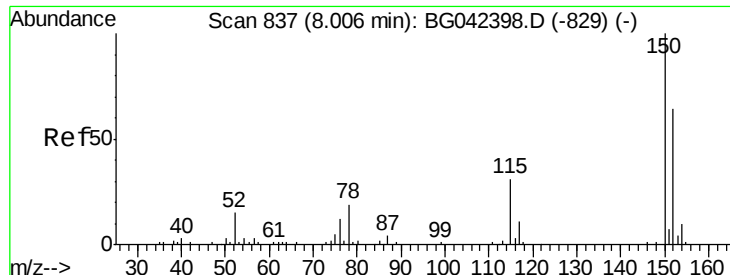
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042752.D
 Acq On : 6 Sep 2019 17:33
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	79349	46.649	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	86180	39.373	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	95294	42.013	ng	97
46) 1,1'-Biphenyl	13.49	154	254577	39.057	ng	97
47) 2-Chloronaphthalene	13.53	162	211336	37.602	ng	99
48) 2-Nitroaniline	13.73	65	47781	35.255	ng	98
49) Acenaphthylene	14.38	152	337429	39.906	ng	99
50) Dimethylphthalate	14.11	163	287962	39.579	ng	99
51) 2,6-Dinitrotoluene	14.23	165	70538	41.827	ng	97
52) Acenaphthene	14.72	154	196111	38.196	ng	97
53) 3-Nitroaniline	14.56	138	46927	27.823	ng	99
54) 2,4-Dinitrophenol	14.78	184	80158	71.254	ng	100
55) Dibenzofuran	15.06	168	349951	41.177	ng	98
56) 4-Nitrophenol	14.89	139	90722	75.699	ng	93
57) 2,4-Dinitrotoluene	15.03	165	99809	41.330	ng	97
58) Fluorene	15.71	166	288515	41.529	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.21	232	89750	40.012	ng	98
60) Diethylphthalate	15.47	149	287396	40.408	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	173886	41.521	ng	98
62) 4-Nitroaniline	15.73	138	68387	37.886	ng	91
63) Azobenzene	15.99	77	180374	37.011	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	69222	43.739	ng	96
66) n-Nitrosodiphenylamine	15.91	169	269218	38.781	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	124256	38.807	ng	98
68) Hexachlorobenzene	16.72	284	131943	37.907	ng	99
69) Atrazine	16.87	200	104070	42.393	ng	97
70) Pentachlorophenol	17.07	266	140280	77.566	ng	99
71) Phenanthrene	17.45	178	505466	40.313	ng	99
72) Anthracene	17.55	178	510085	40.750	ng	99
73) Carbazole	17.81	167	438700	39.324	ng	99
74) Di-n-butylphthalate	18.37	149	510252	38.693	ng	99
75) Fluoranthene	19.47	202	627570	41.011	ng	97
77) Benzidine	19.65	184	117697	19.674	ng	99
78) Pyrene	19.83	202	623356	48.728	ng	99
80) Butylbenzylphthalate	20.71	149	173611	34.504	ng	92
81) Benzo(a)anthracene	21.67	228	503288	39.651	ng	96
82) 3,3'-Dichlorobenzidine	21.58	252	168161	32.941	ng	# 99
83) Chrysene	21.74	228	492854	40.262	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	245213	35.100	ng	98
85) Di-n-octyl phthalate	22.78	149	438737	36.514	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	627369	37.713	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	533248	47.539	ng	# 97
89) Benzo(k)fluoranthene	23.97	252	543848	50.441	ng	# 98
90) Benzo(a)pyrene	24.79	252	534155	50.184	ng	# 97
91) Dibenzo(a,h)anthracene	28.70	278	527889	48.982	ng	# 97
92) Benzo(g,h,i)perylene	29.80	276	528426	49.025	ng	96

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

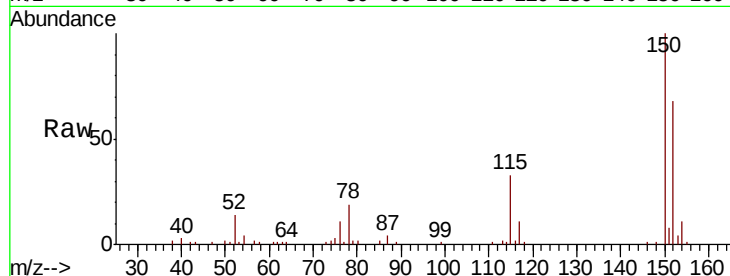


#1

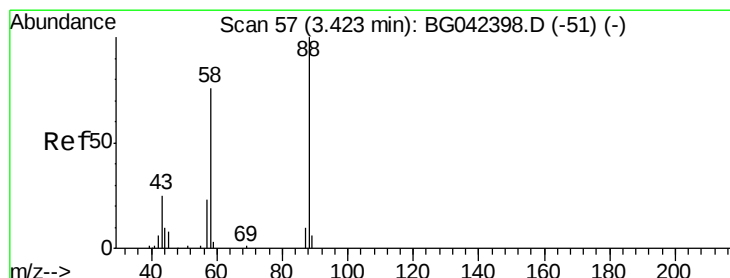
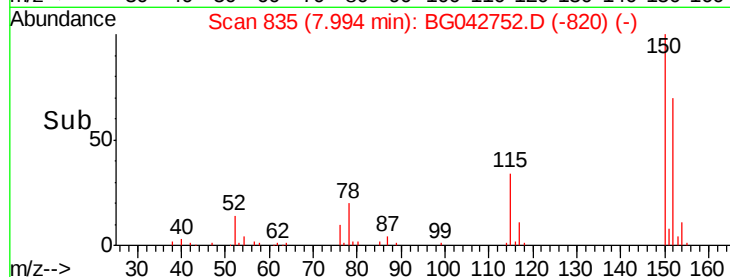
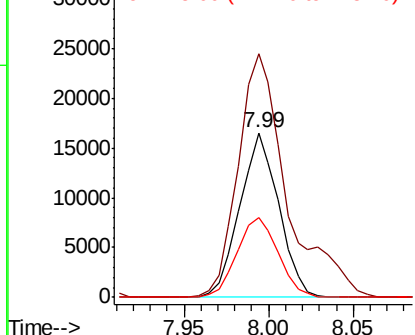
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26555
Ion Ratio Lower Upper
152 100
150 147.7 125.4 188.0
115 48.6 38.5 57.7



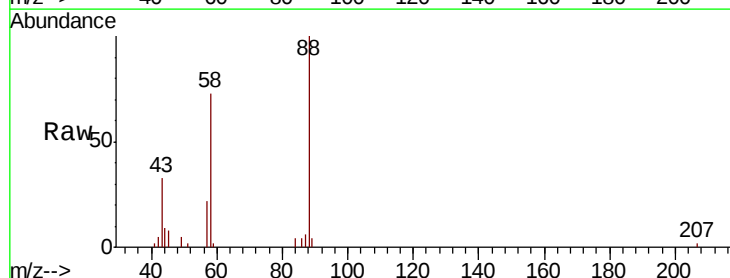
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



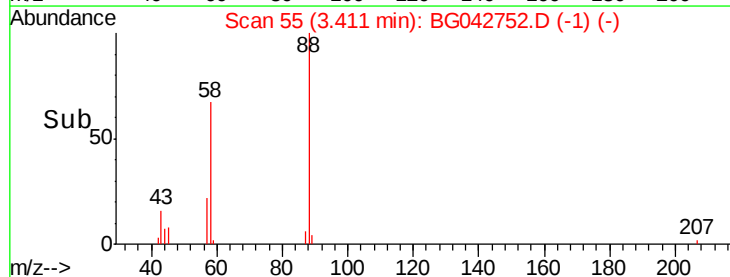
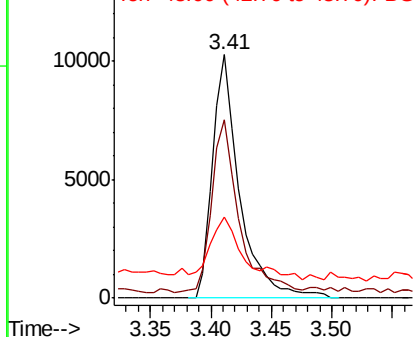
#2

1,4-Dioxane
Concen: 28.989 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion: 88 Resp: 15862
Ion Ratio Lower Upper
88 100
58 70.0 58.3 87.5
43 22.1 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: 24.683 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

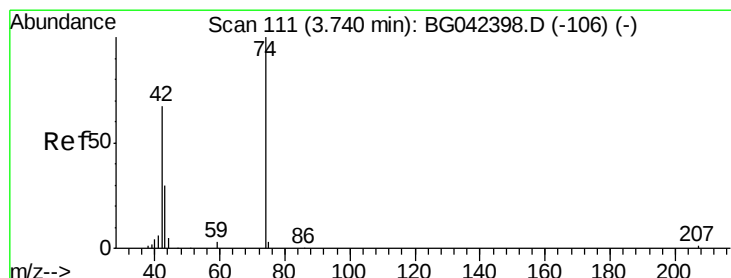
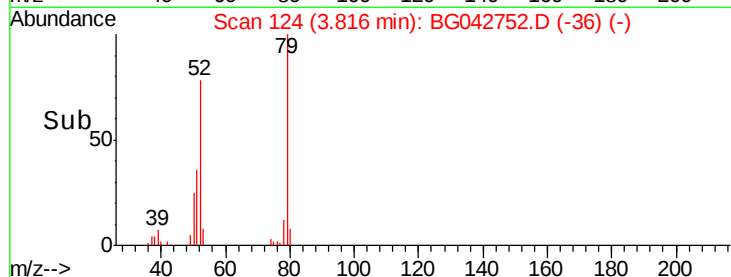
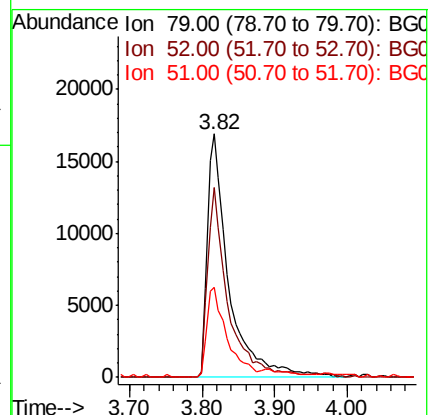
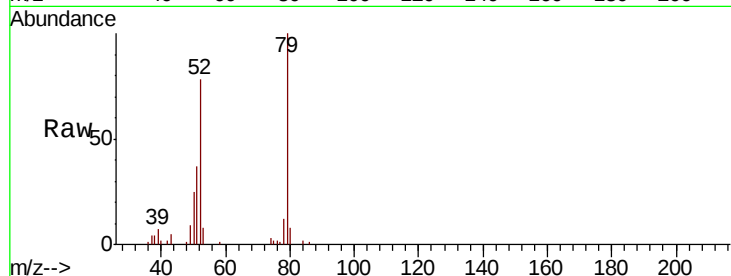
Tot Ion: 79 Resp: 34633

Ion Ratio Lower Upper

79 100

52 78.0 57.7 86.5

51 36.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 39.989 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

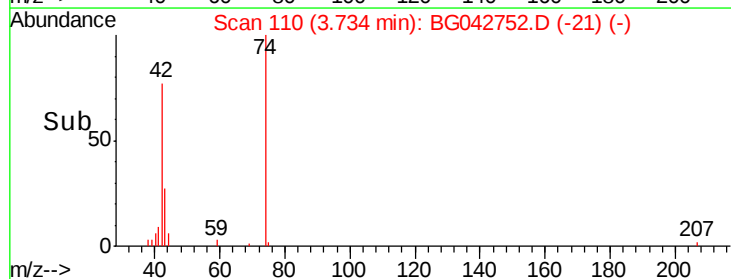
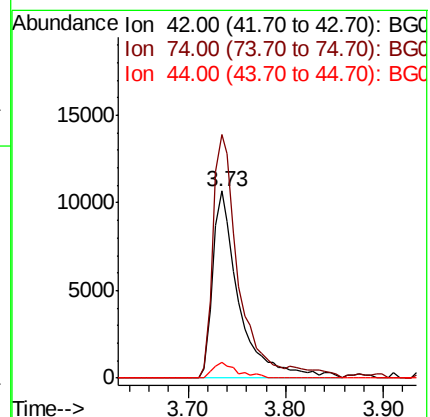
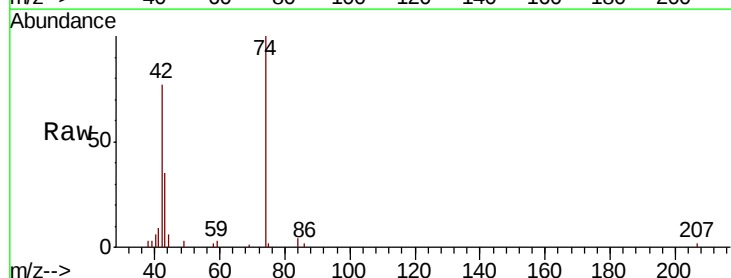
Tgt Ion: 42 Resp: 20040

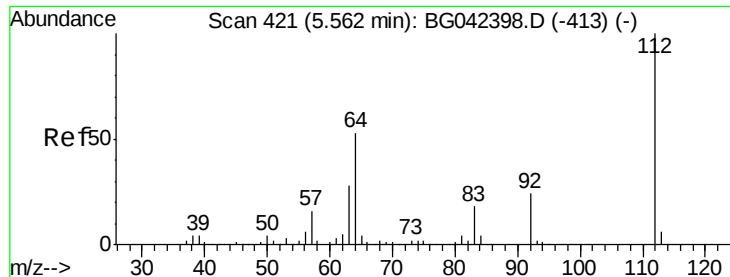
Ion Ratio Lower Upper

42 100

74 130.4 119.6 179.4

44 8.1 6.5 9.7





#5

2-Fluorophenol

Concen: 118.989 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

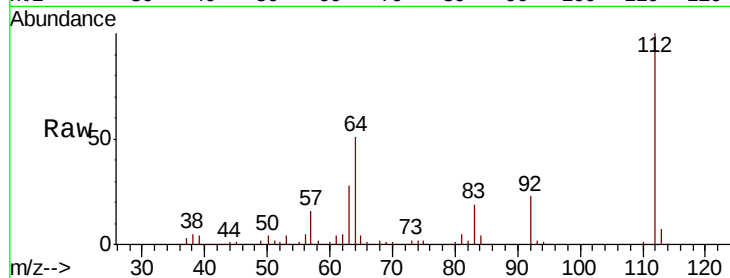
Tot Ion:112 Resp: 156015

Ion Ratio Lower Upper

112 100

64 50.6 42.8 64.2

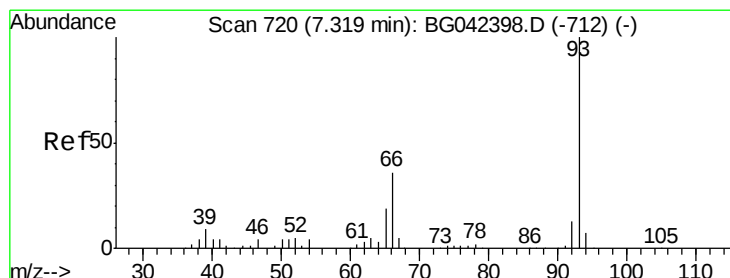
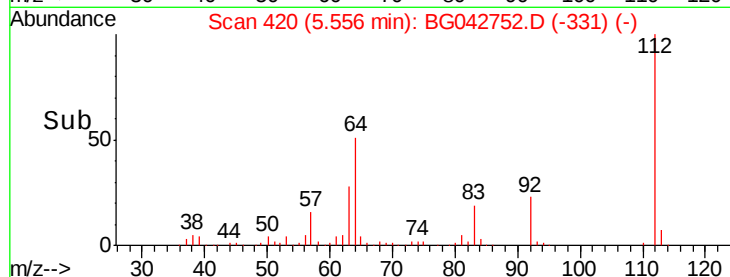
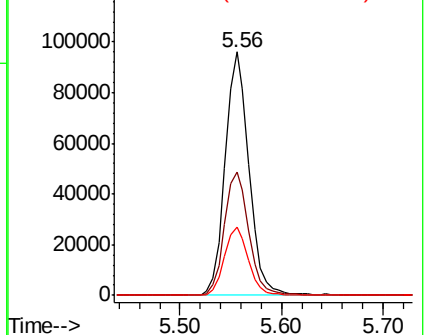
63 28.0 22.7 34.1



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: 28.117 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

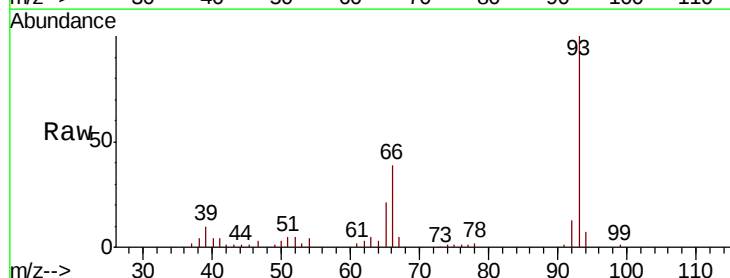
Tgt Ion: 93 Resp: 66420

Ion Ratio Lower Upper

93 100

66 38.6 29.0 43.6

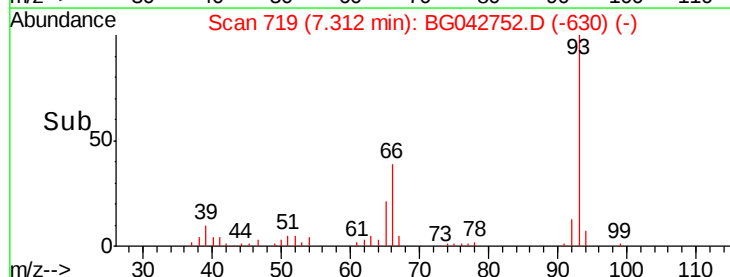
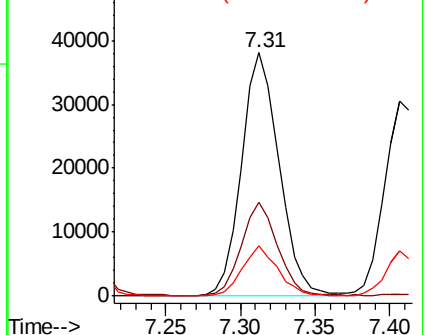
65 20.6 15.2 22.8



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: 114.944 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

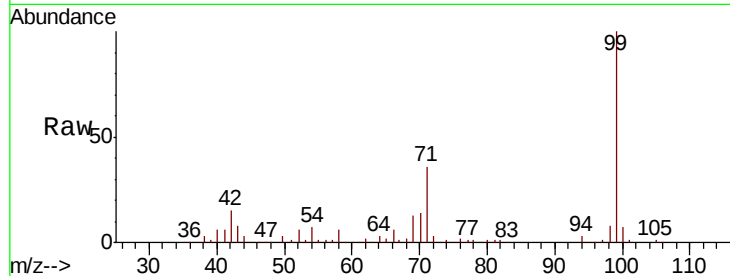
Tot Ion: 99 Resp: 203577

Ion Ratio Lower Upper

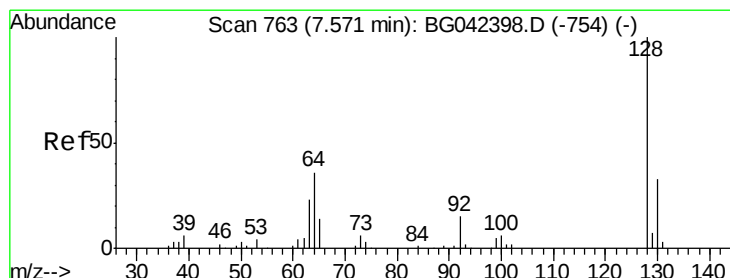
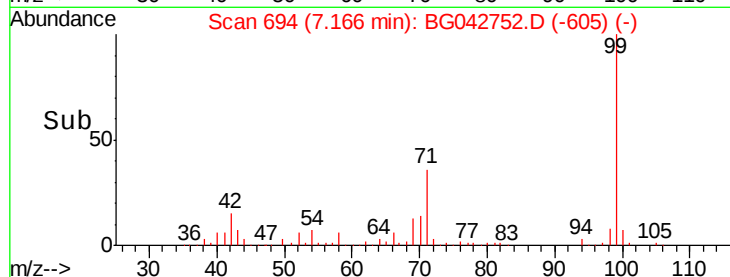
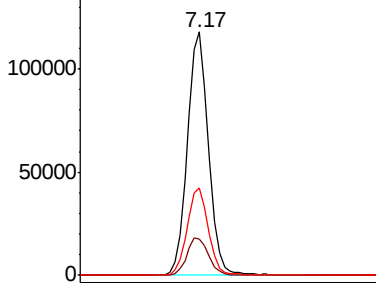
99 100

42 14.8 12.0 18.0

71 36.1 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: 46.218 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

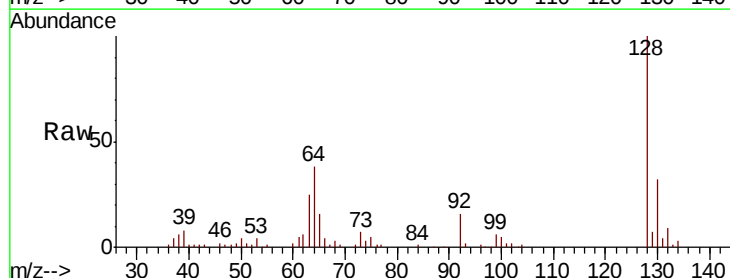
Tgt Ion: 128 Resp: 73442

Ion Ratio Lower Upper

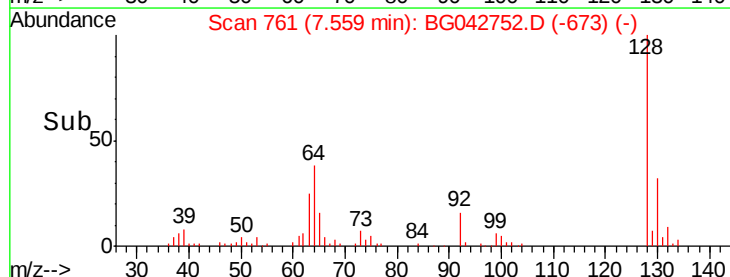
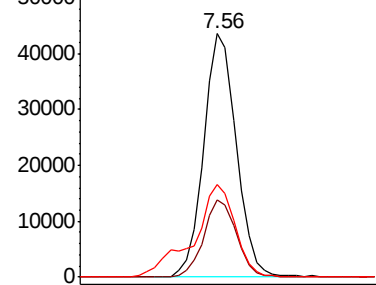
128 100

130 31.5 12.8 52.8

64 38.1 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

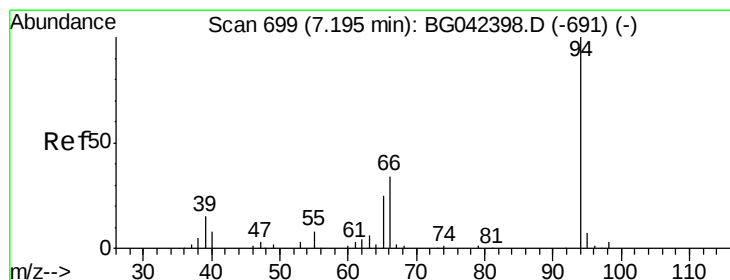
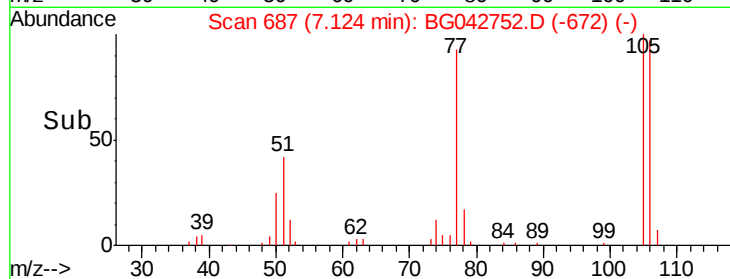
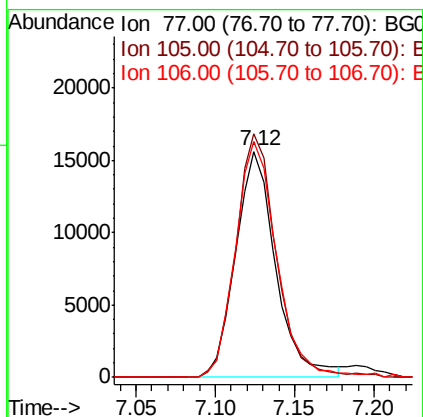
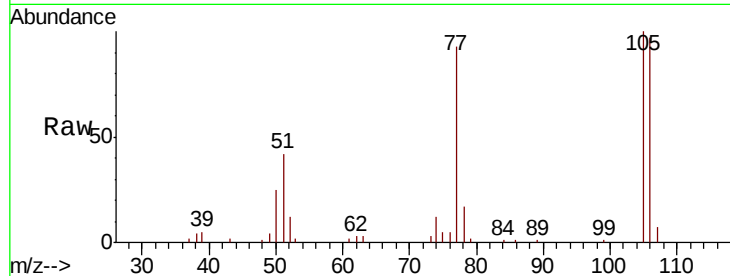




#9
Benzaldehyde
Concen: 30.924 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

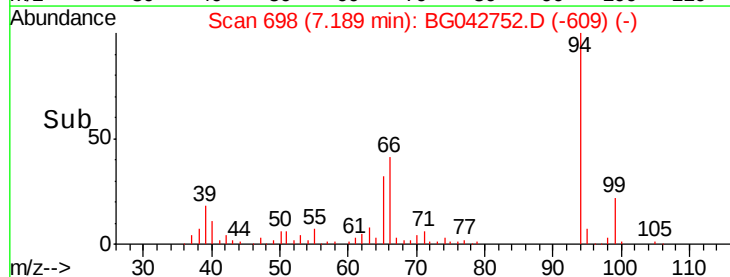
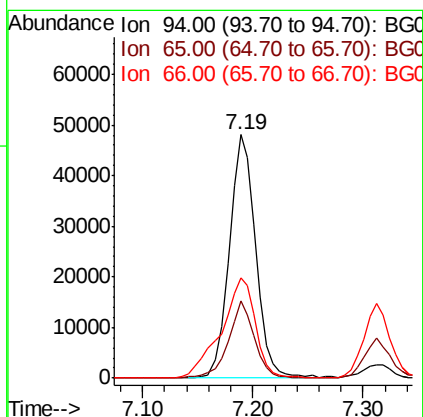
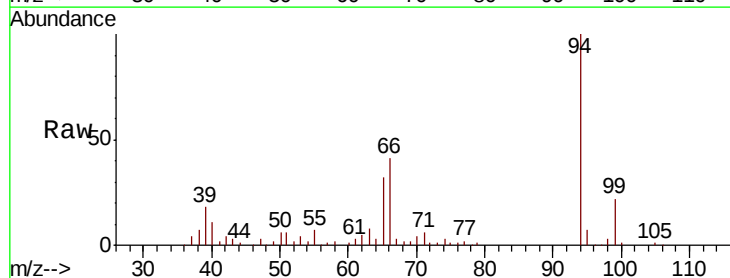
Instrument :
BNA_G
ClientSampled :

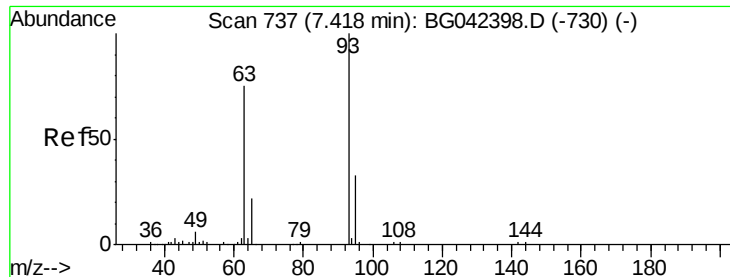
Tot Ion: 77 Resp: 27420
Ion Ratio Lower Upper
77 100
105 107.7 93.4 133.4
106 104.2 88.4 128.4



#10
Phenol
Concen: 44.606 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion: 94 Resp: 80324
Ion Ratio Lower Upper
94 100
65 31.7 5.6 45.6
66 41.3 16.0 56.0

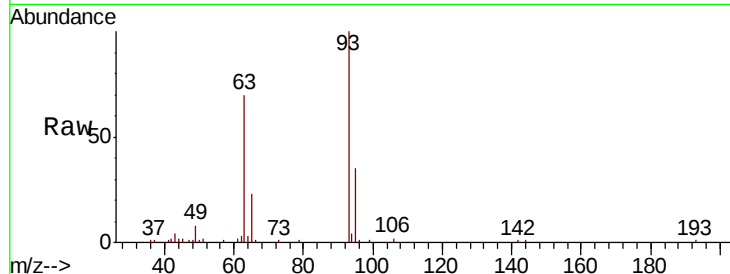




#11
 bis(2-Chloroethyl)ether
 Concen: 36.387 ng
 RT: 7.41 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	93	Resp	51460
Ion	Ratio	Lower	Upper
93	100		
63	70.1	53.8	93.8
95	34.6	13.1	53.1

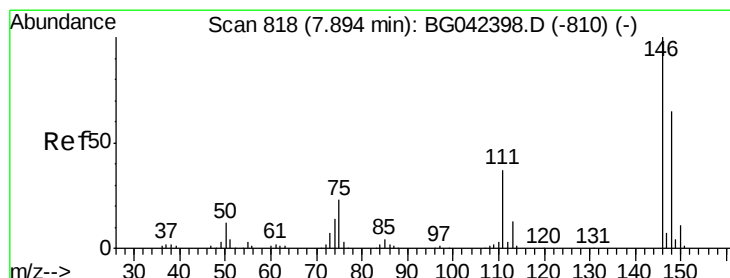
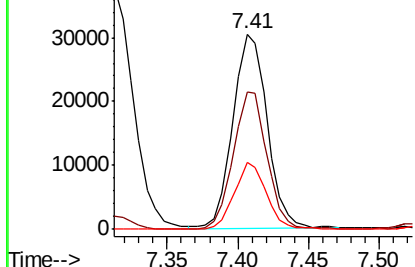
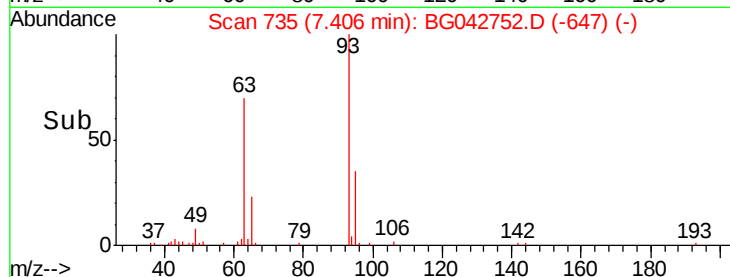


Abundance

Ion 93.00 (92.70 to 93.70): BGC

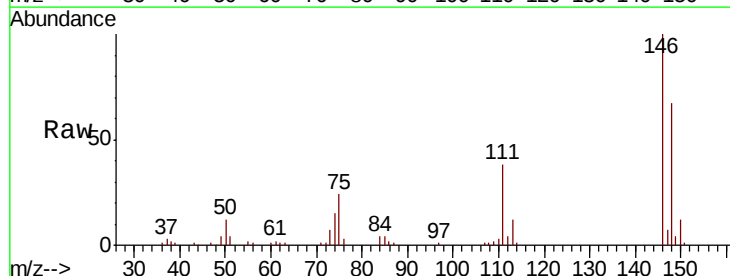
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
 1,3-Dichlorobenzene
 Concen: 36.343 ng
 RT: 7.88 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion	146	Resp	73466
Ion	Ratio	Lower	Upper
146	100		
148	67.5	52.2	78.2
75	24.2	18.0	27.0

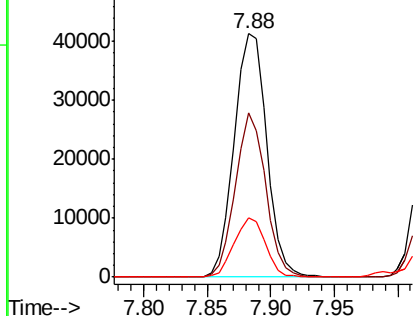
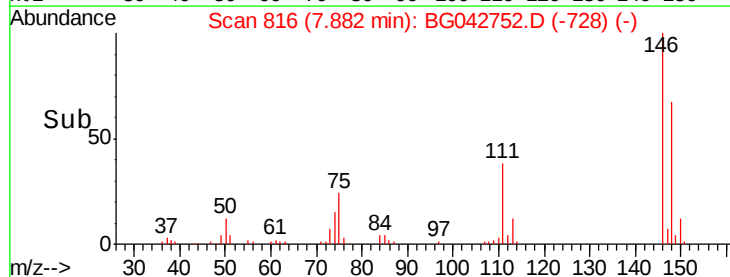


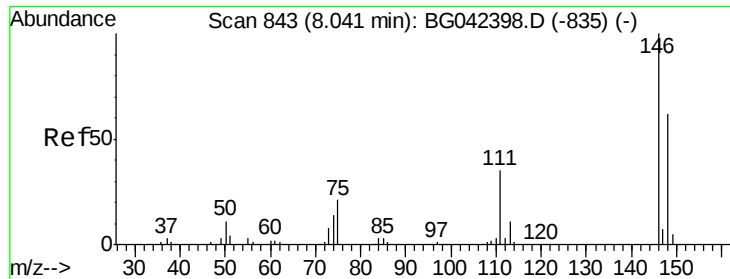
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

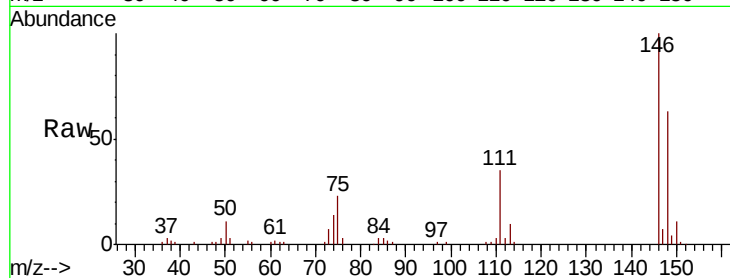




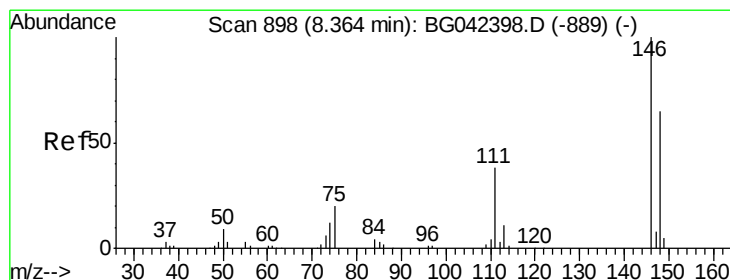
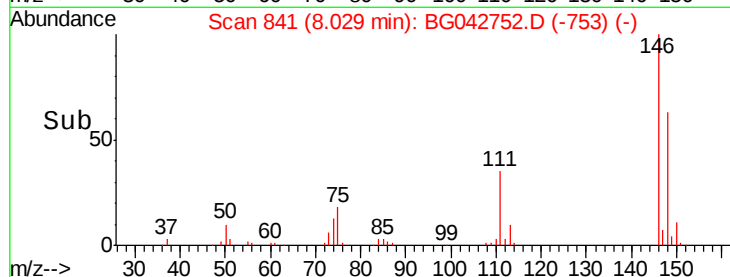
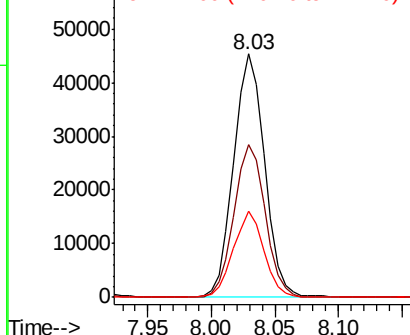
#13
 1,4-Dichlorobenzene
 Concen: 37.414 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 76608
 Ion Ratio Lower Upper
 146 100
 148 62.9 49.5 74.3
 111 35.2 28.1 42.1

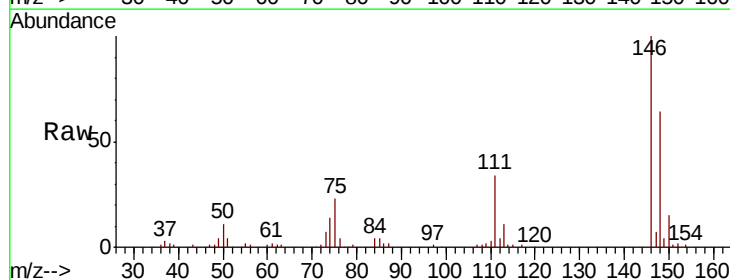


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

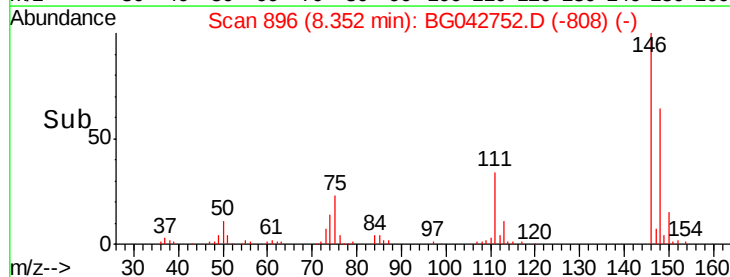
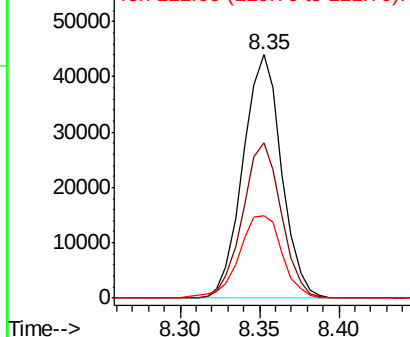


#14
 1,2-Dichlorobenzene
 Concen: 37.800 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion:146 Resp: 74121
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 33.7 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: 42.823 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

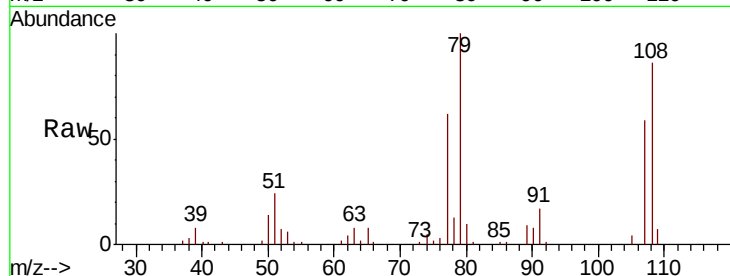
Tot Ion: 79 Resp: 54565

Ion Ratio Lower Upper

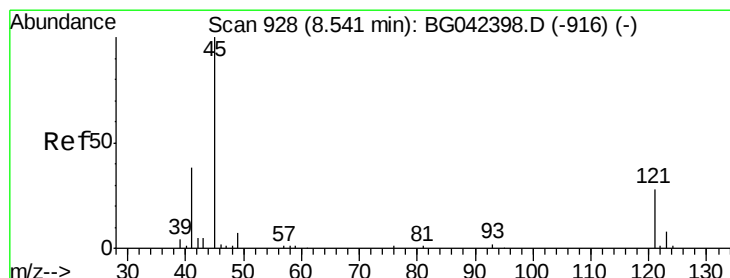
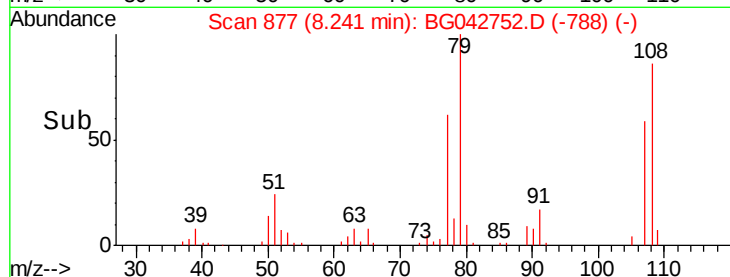
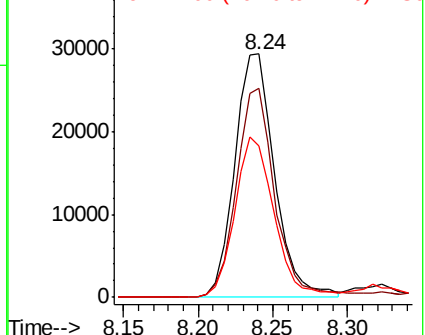
79 100

108 85.8 67.4 101.2

77 62.4 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: 34.106 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

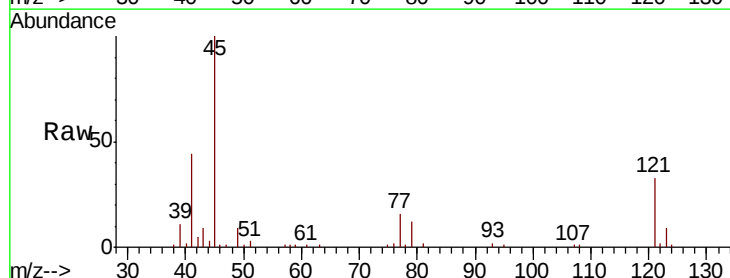
Tgt Ion: 45 Resp: 65375

Ion Ratio Lower Upper

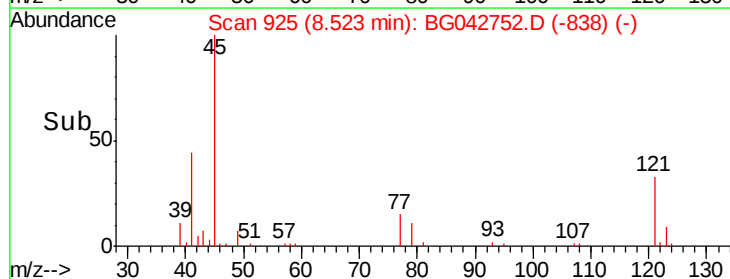
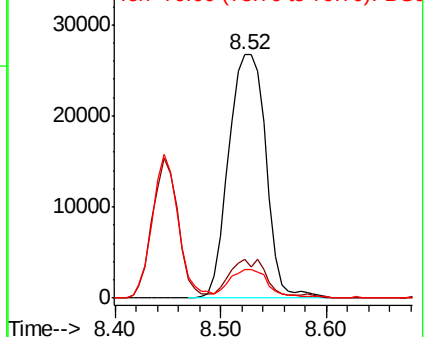
45 100

77 15.8 0.0 35.6

79 11.8 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

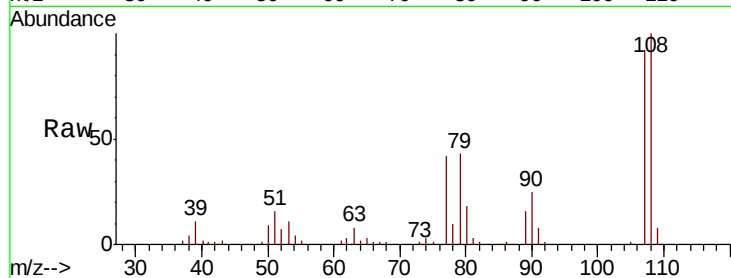




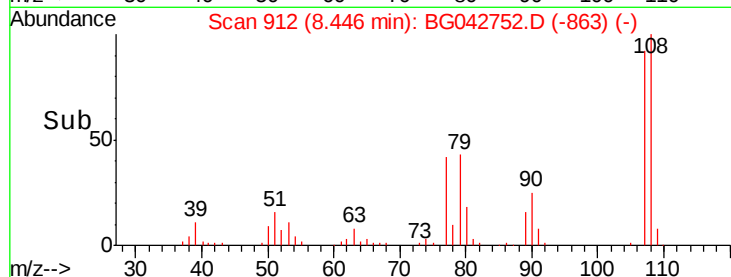
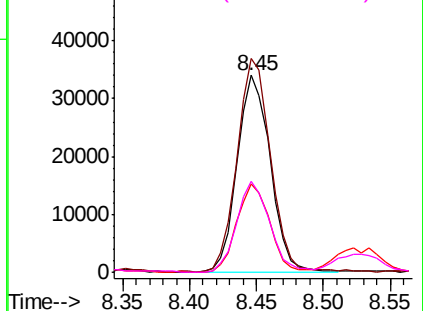
#17
2-Methylphenol
Concen: 44.205 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 58631
Ion Ratio Lower Upper
107 100
108 108.5 92.9 139.3
77 45.2 34.4 51.6
79 46.4 33.8 50.6

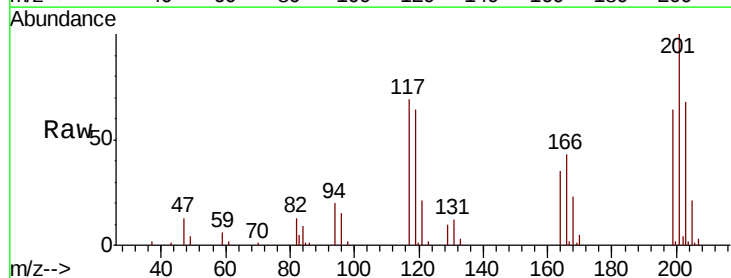


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

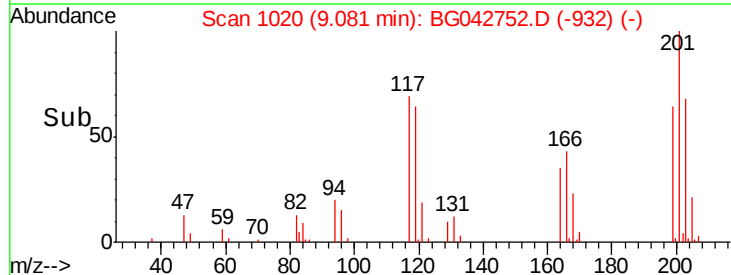
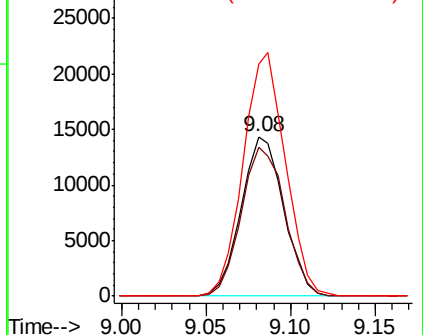


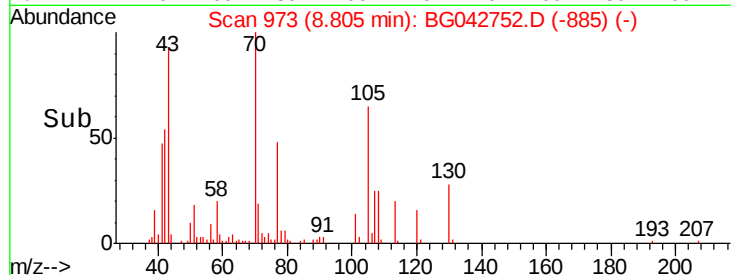
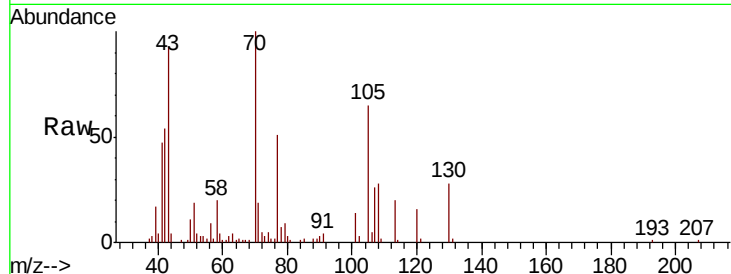
#18
Hexachloroethane
Concen: 35.767 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:117 Resp: 25072
Ion Ratio Lower Upper
117 100
119 93.0 73.8 110.8
201 145.4 108.3 162.5



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

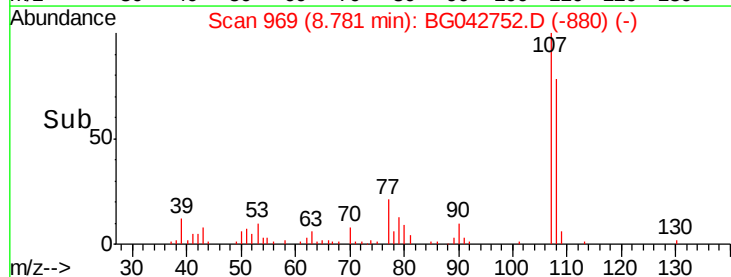
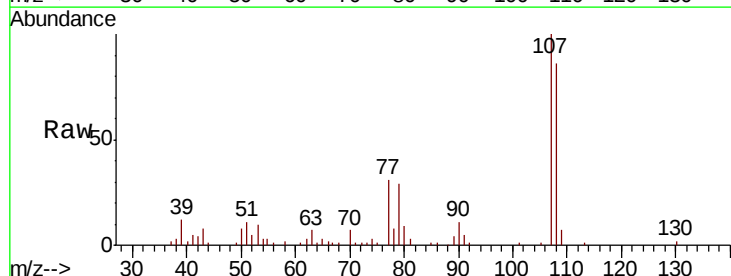
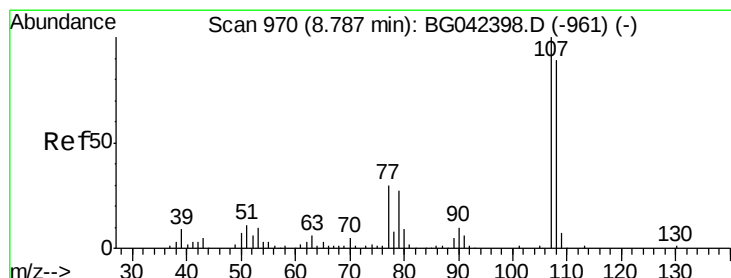
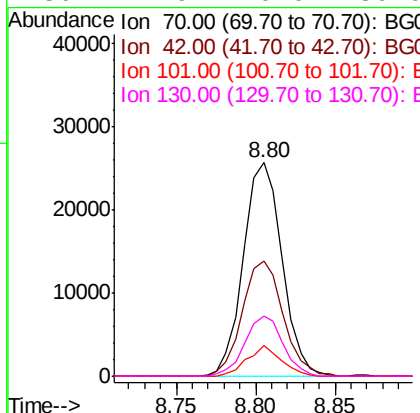




#19
n-Nitroso-di-n-propylamine
Concen: 38.100 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

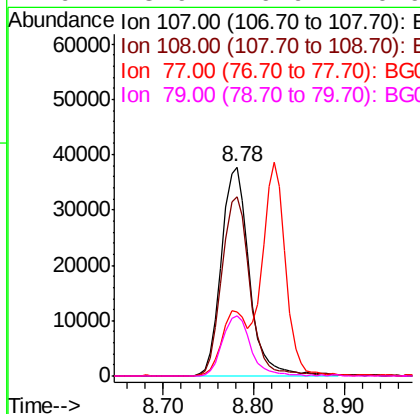
Instrument :
BNA_G
ClientSampleId :

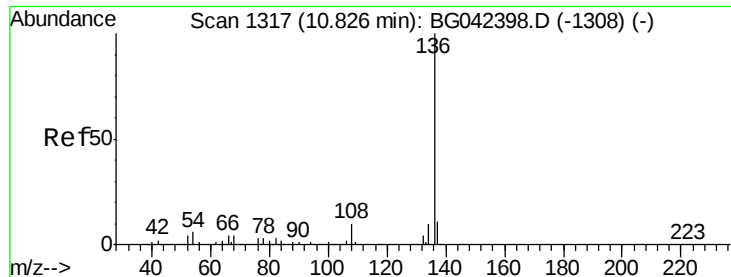
Tot Ion: 70 Resp: 43716
Ion Ratio Lower Upper
70 100
42 53.8 38.8 58.2
101 14.1 9.0 13.6#
130 27.9 20.0 30.0



#20
3+4-Methylphenols
Concen: 44.068 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion: 107 Resp: 80880
Ion Ratio Lower Upper
107 100
108 85.9 68.7 108.7
77 30.8 10.2 50.2
79 28.9 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 119390

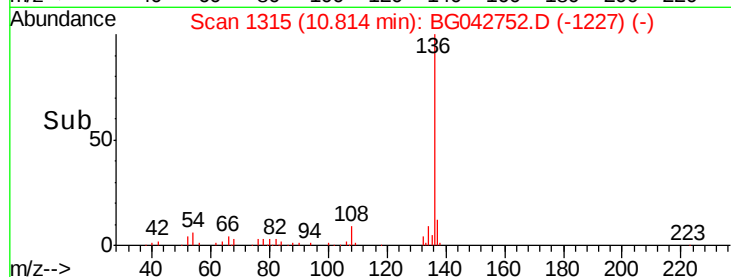
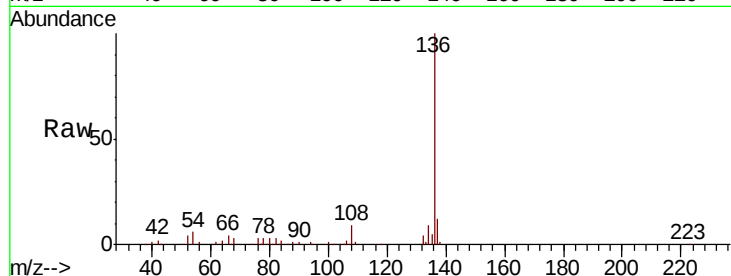
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 5.6 4.9 7.3

68 3.1 3.6 5.4#



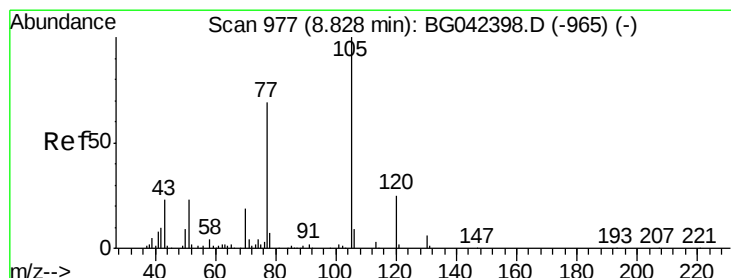
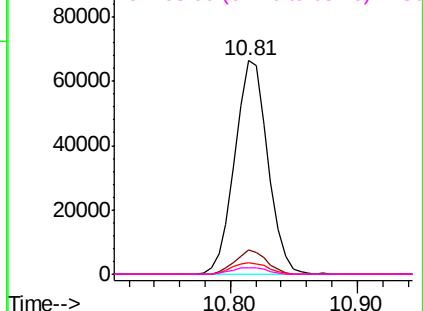
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.262 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Tgt Ion:105 Resp: 100258

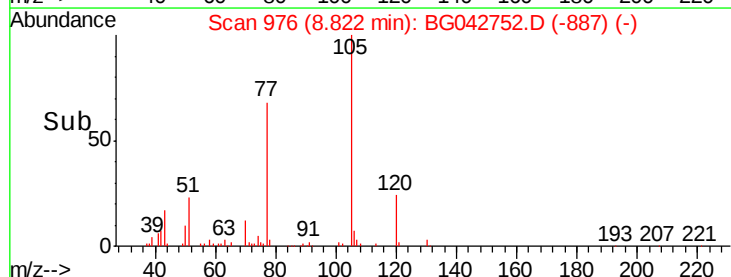
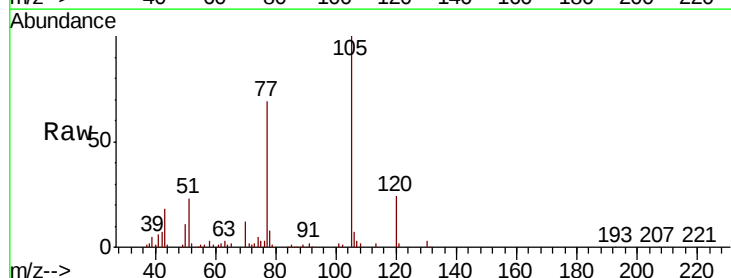
Ion Ratio Lower Upper

105 100

71 2.1 2.8 4.2#

51 23.4 18.7 28.1

120 23.7 20.1 30.1



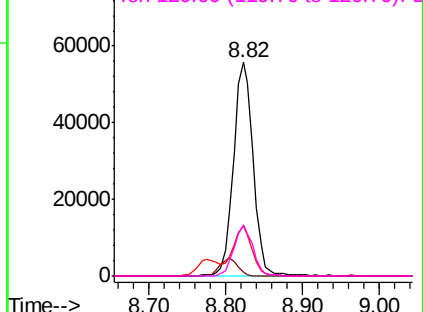
Abundance

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

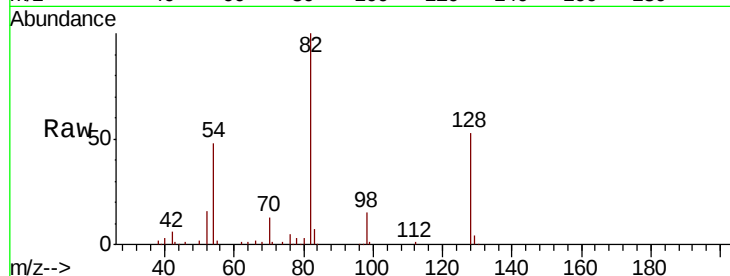




#23
Nitrobenzene-d5
Concen: 60.294 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleID :

Tot Ion	82	Resp	104169
Ion Ratio	Lower	Upper	
82	100		
128	52.6	40.7	61.1
54	48.3	36.3	54.5

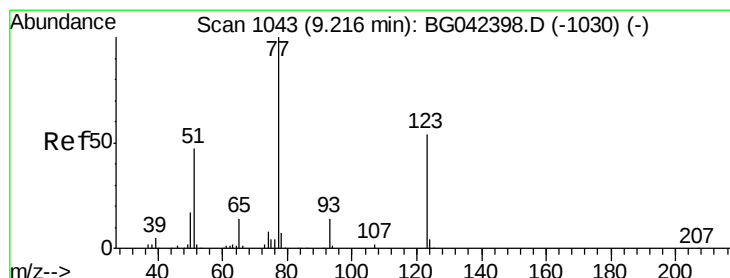
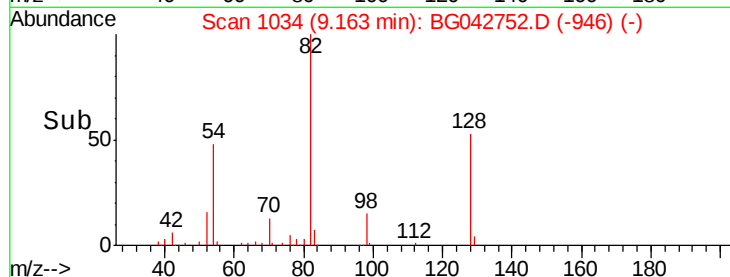
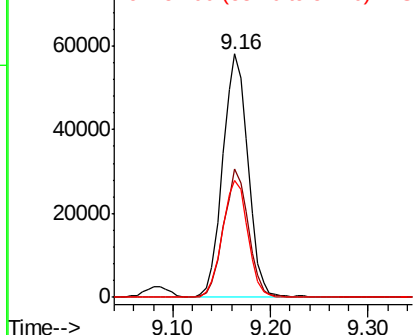


Abundance

Ion 82.00 (81.70 to 82.70): BGC

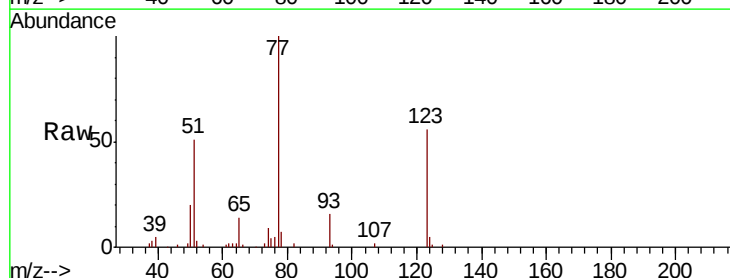
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 36.884 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion	77	Resp	64529
Ion Ratio	Lower	Upper	
77	100		
123	56.2	43.4	65.0
65	14.1	11.0	16.6

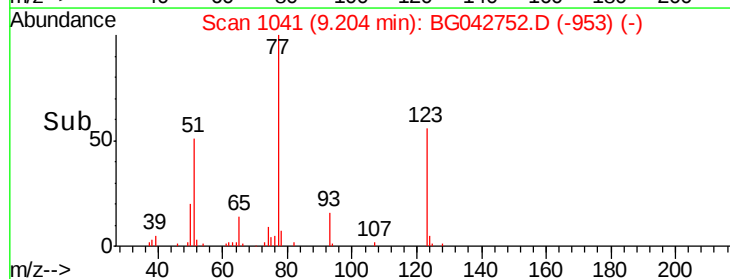
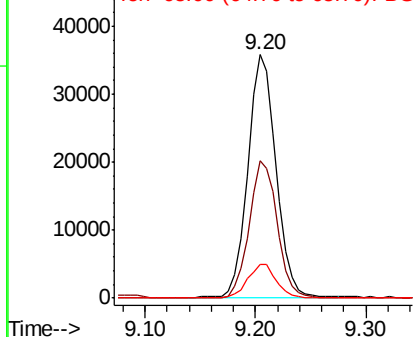


Abundance

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: 37.192 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

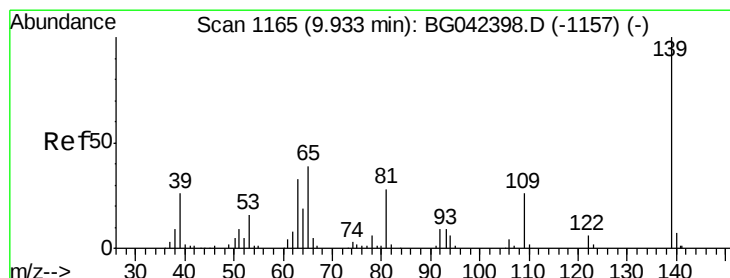
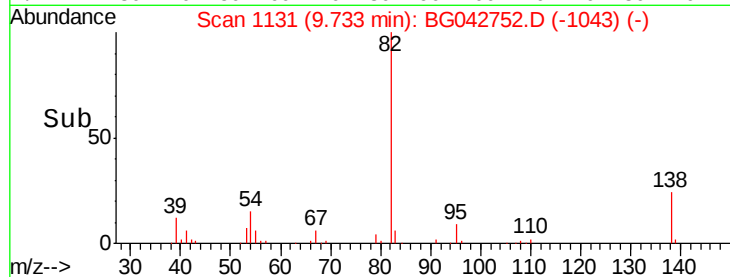
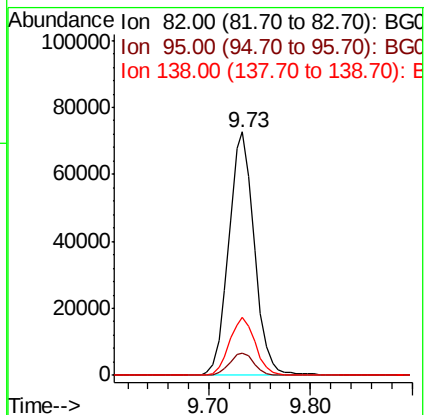
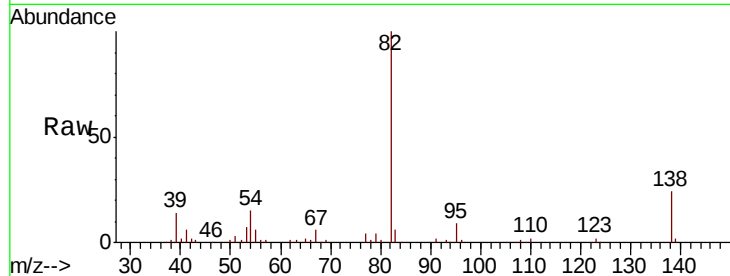
Tot Ion: 82 Resp: 126812

Ion Ratio Lower Upper

82 100

95 9.2 6.6 9.8

138 23.8 18.6 27.8



#26

2-Nitrophenol

Concen: 40.728 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

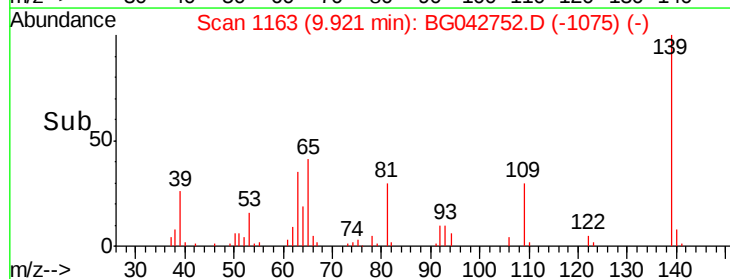
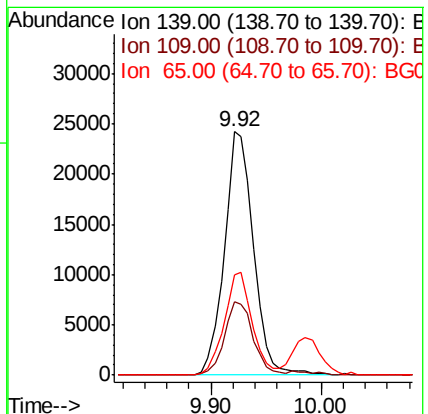
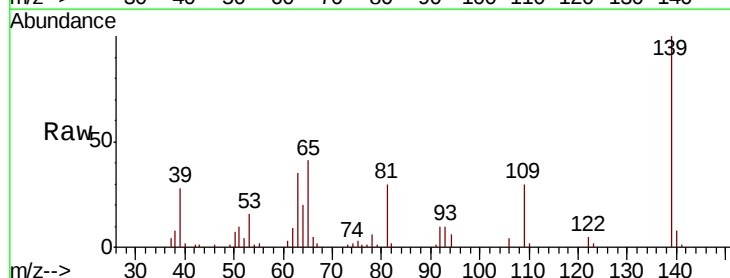
Tgt Ion: 139 Resp: 44653

Ion Ratio Lower Upper

139 100

109 29.9 20.5 30.7

65 41.2 30.9 46.3

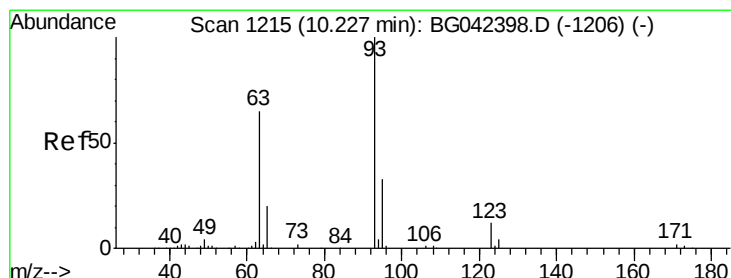
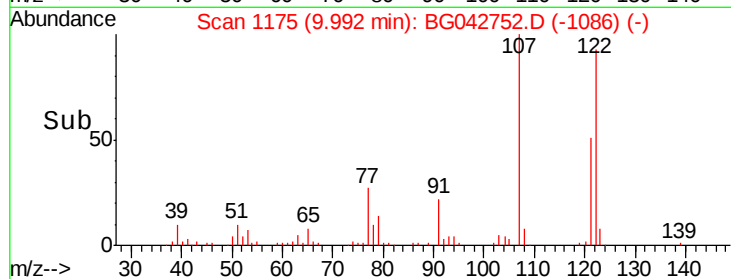
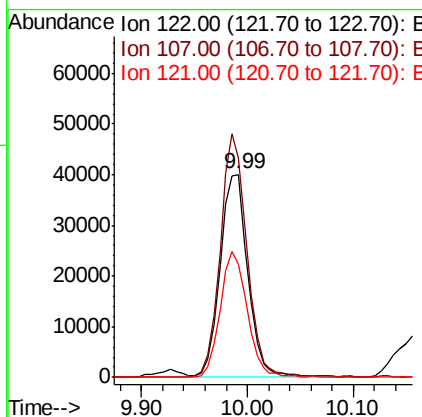
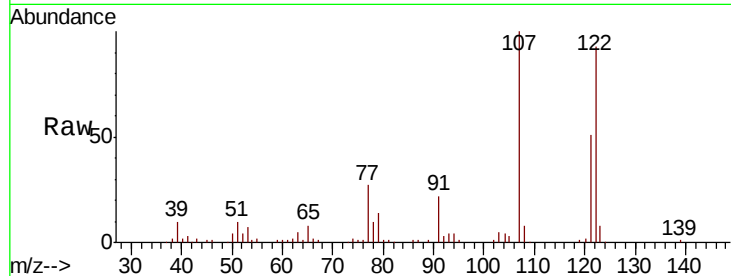




#27
 2,4-Dimethylphenol
 Concen: 48.449 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

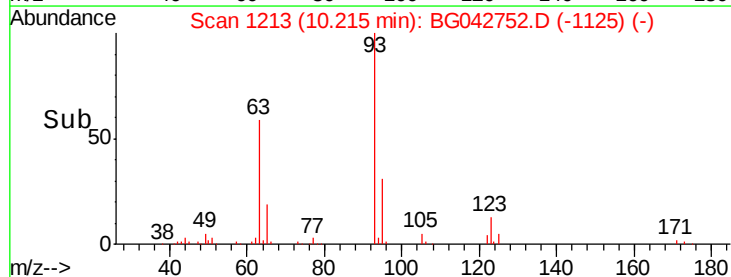
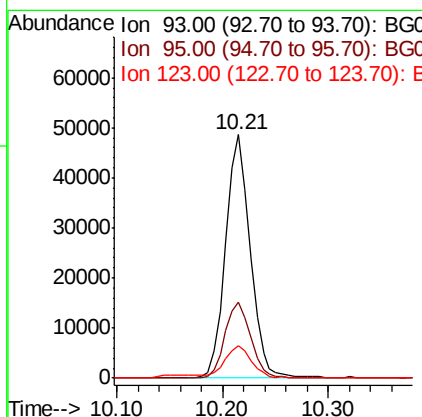
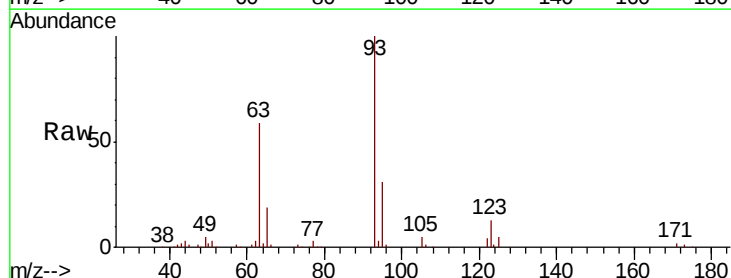
Instrument :
 BNA_G
 ClientSampleId :

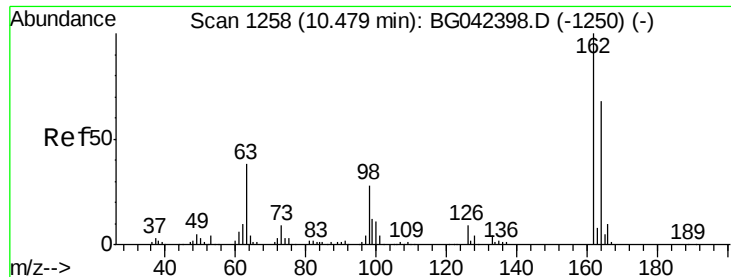
Tot Ion:122 Resp: 73170
 Ion Ratio Lower Upper
 122 100
 107 108.0 90.8 136.2
 121 55.6 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.487 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion: 93 Resp: 78411
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.6 40.0
 123 13.4 10.1 15.1

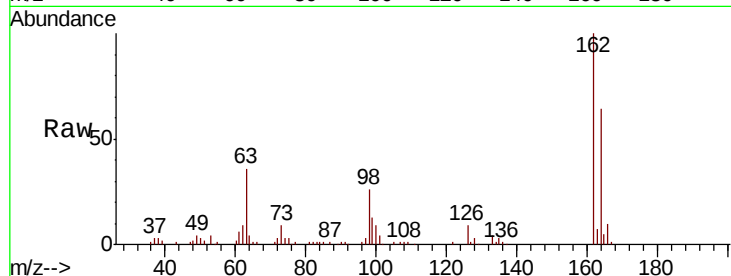




#29
 2,4-Dichlorophenol
 Concen: 45.702 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	90305
Ion Ratio	100	Lower	Upper
162	100		
164	64.5	48.1	88.1
98	26.4	7.6	47.6

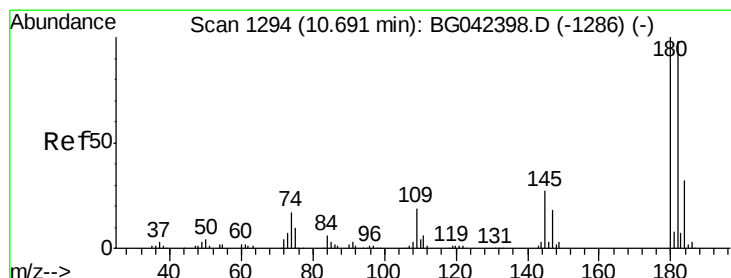
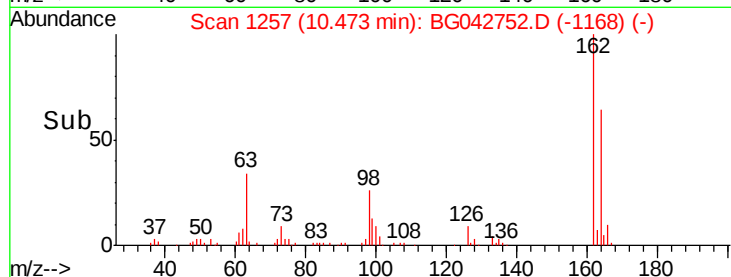
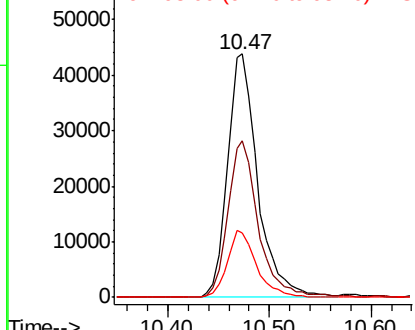


Abundance

Ion 162.00 (161.70 to 162.70): E

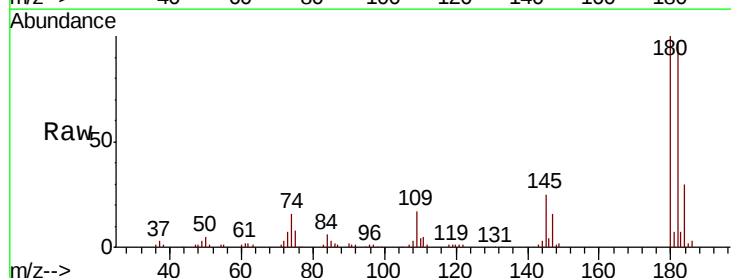
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 38.865 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion	180	Resp	94260
Ion Ratio	100	Lower	Upper
180	100		
182	97.1	78.7	118.1
145	25.3	21.6	32.4

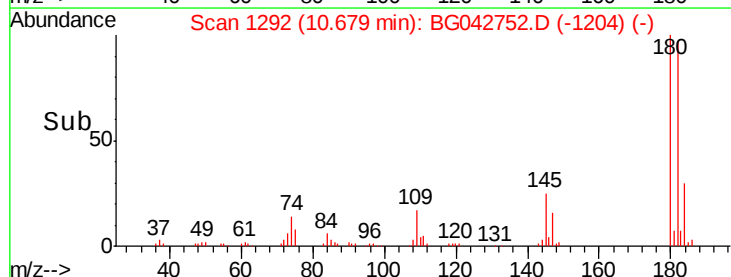
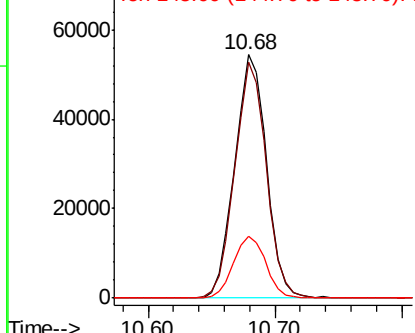


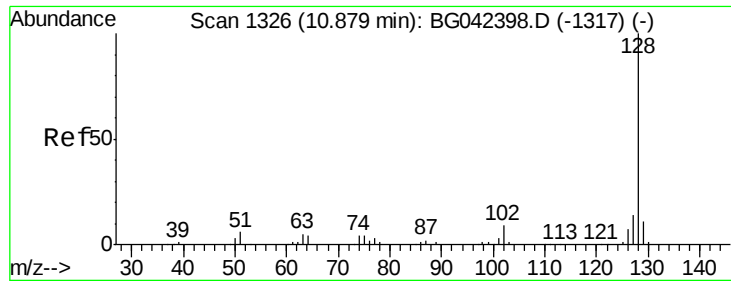
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

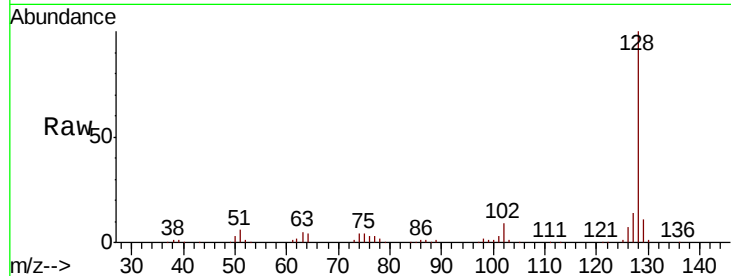




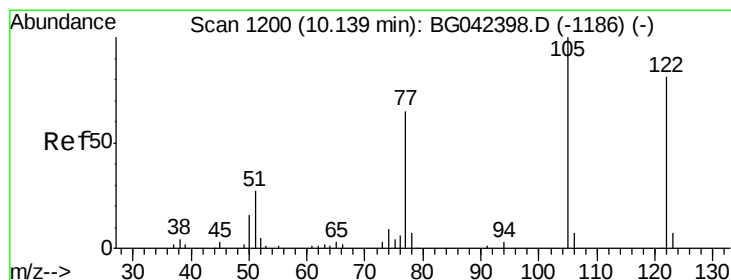
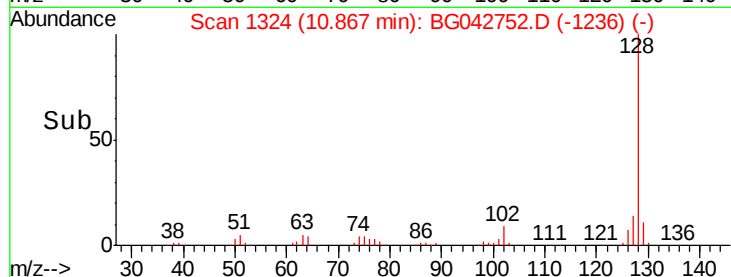
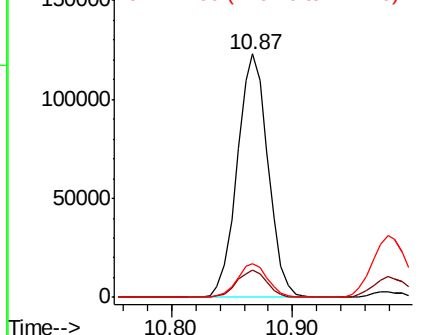
#31
Naphthalene
Concen: 39.358 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 218158
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.0 11.4 17.0

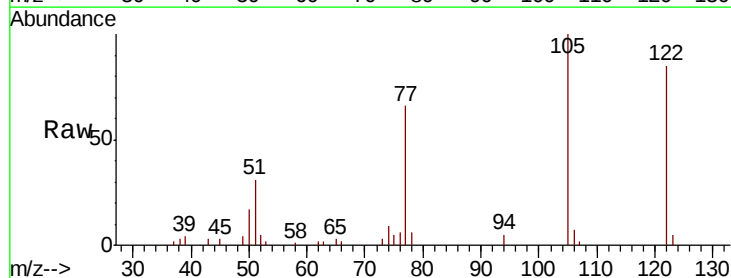


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

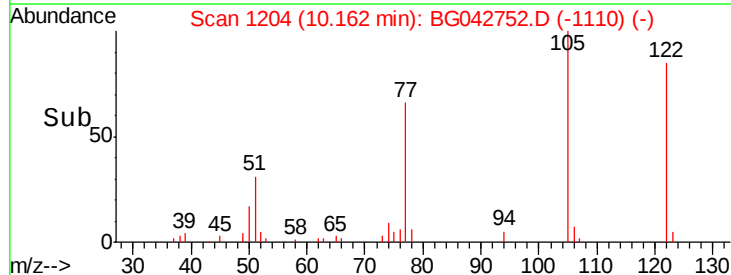
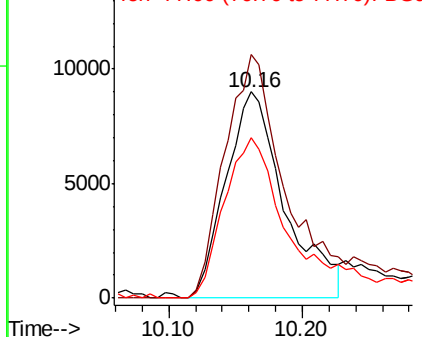


#32
Benzoic acid
Concen: 29.017 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:122 Resp: 27537
Ion Ratio Lower Upper
122 100
105 118.2 99.6 139.6
77 78.1 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

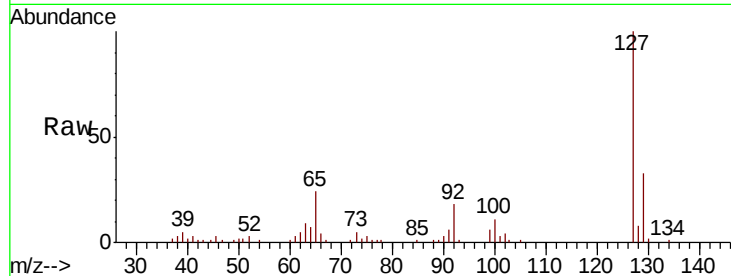




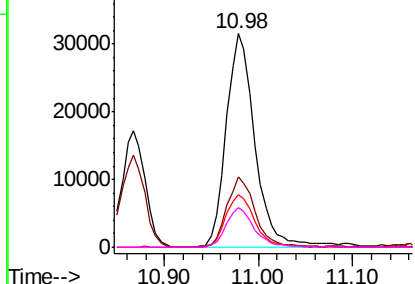
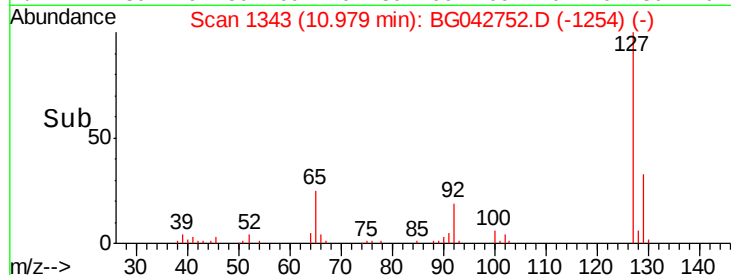
#33
4-Chloroaniline
Concen: 26.311 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	67324
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.8	40.2
65	24.3	20.7	31.1
92	18.4	13.6	20.4

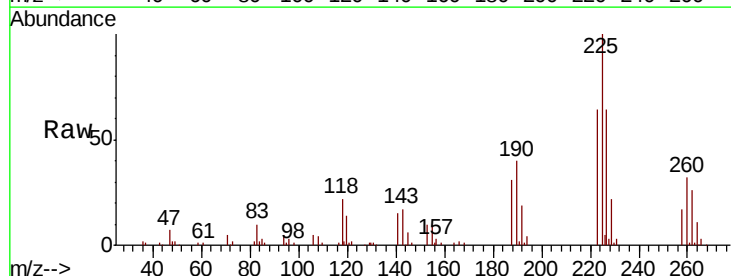


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

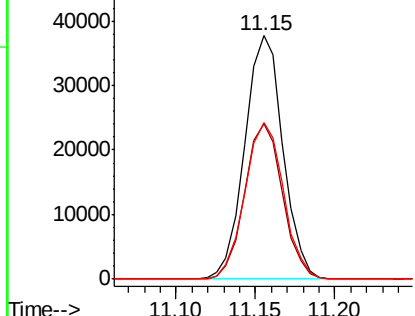
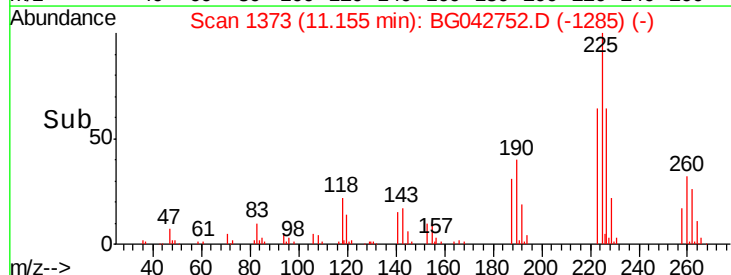


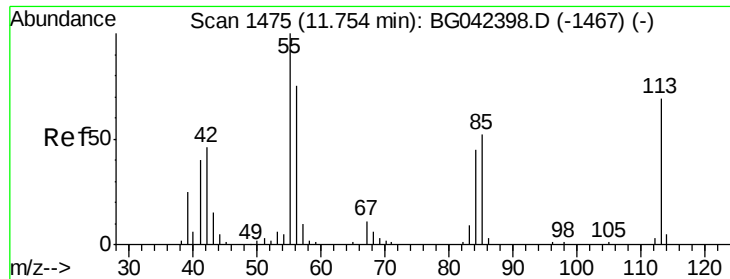
#34
Hexachlorobutadiene
Concen: 38.768 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:	225	Resp:	63192
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.8	74.6
227	64.4	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

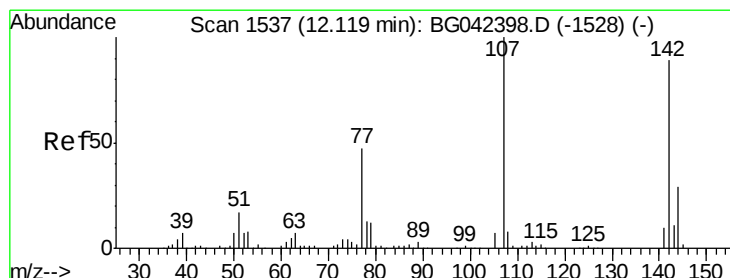
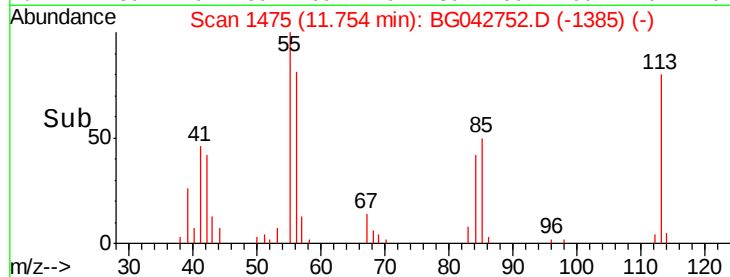
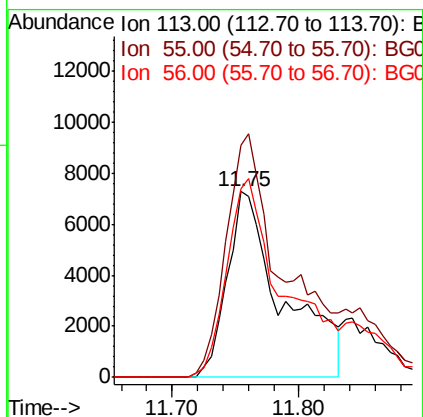
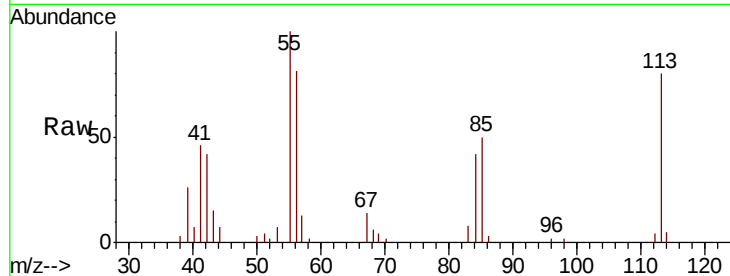




#35
 Caprolactam
 Concen: 33.724 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

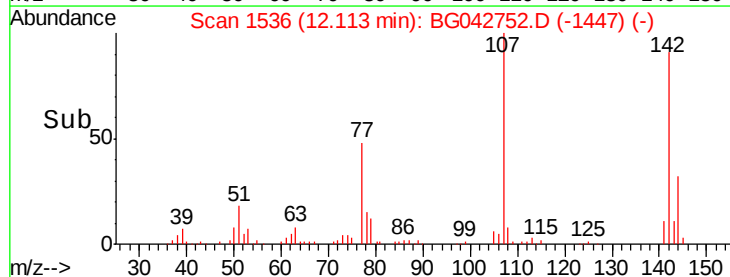
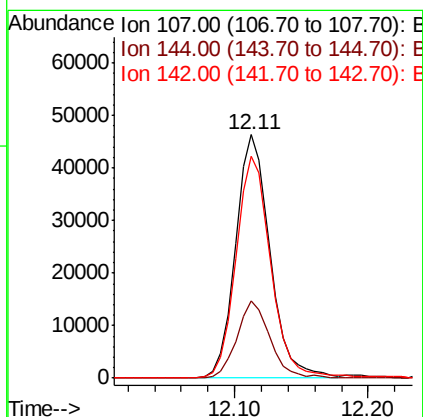
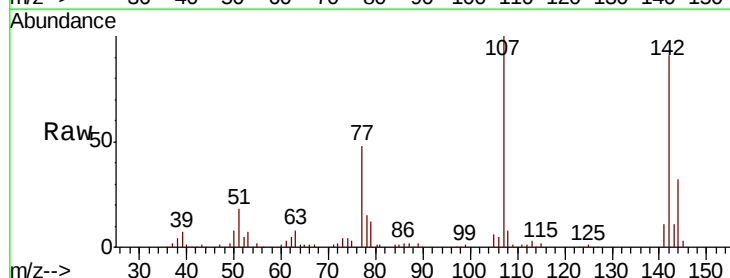
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 22235
 Ion Ratio Lower Upper
 113 100
 55 125.0 124.6 164.6
 56 101.9 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.077 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion:107 Resp: 82678
 Ion Ratio Lower Upper
 107 100
 144 31.5 23.6 35.4
 142 91.1 71.0 106.4

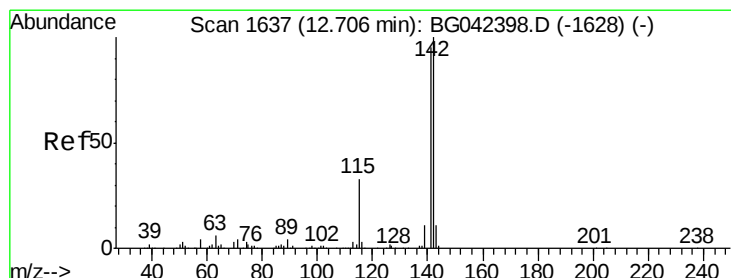
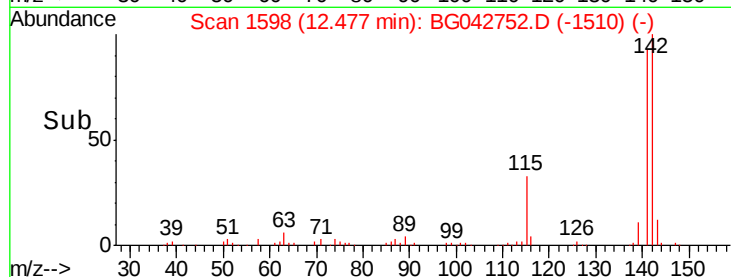
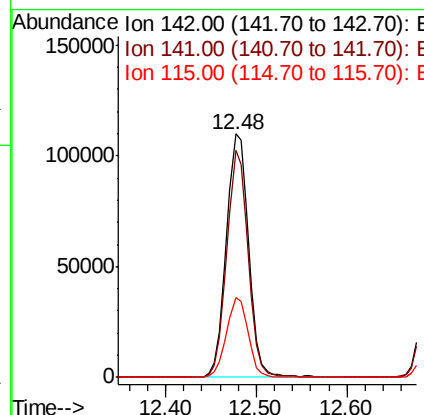
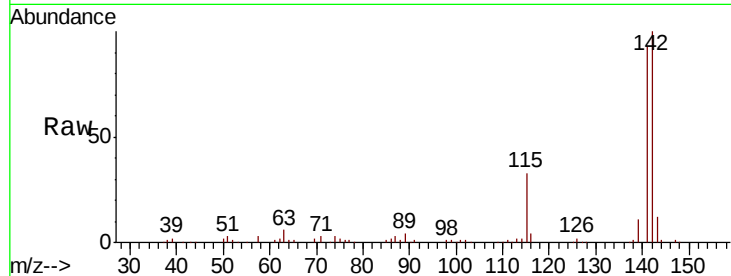




#37
 2-Methylnaphthalene
 Concen: 42.072 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

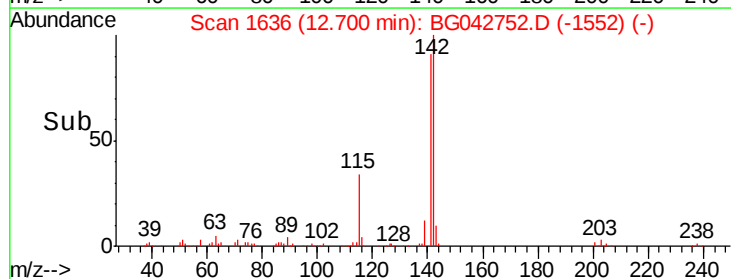
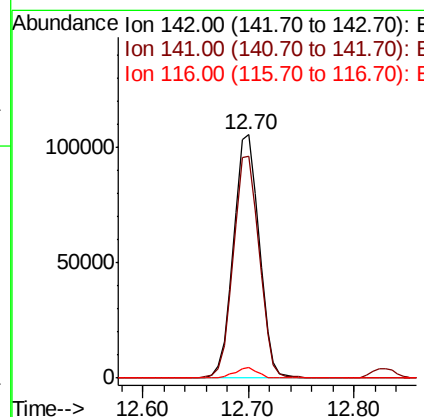
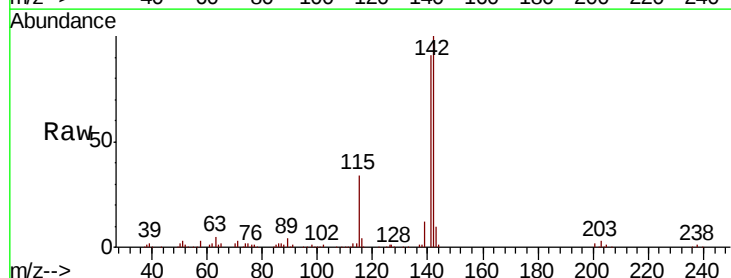
Instrument :
 BNA_G
 ClientSampled :

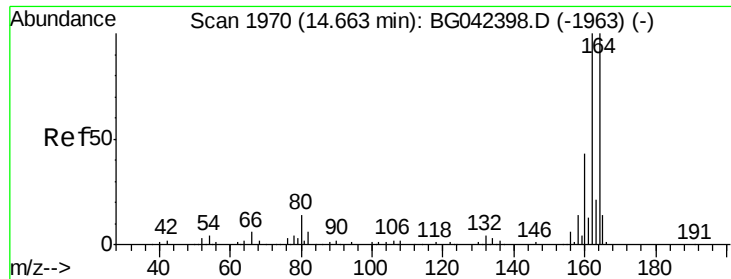
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.4	107.2
115	32.8	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 41.815 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	76.2	114.2
116	4.1	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

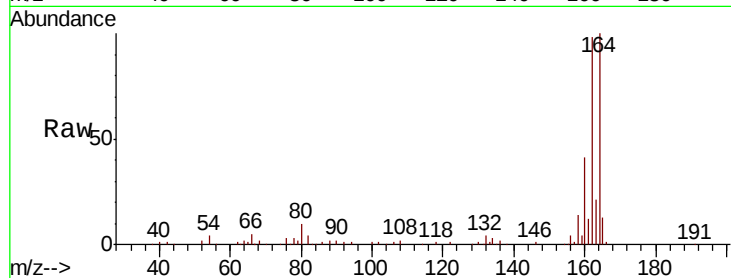
Tot Ion:164 Resp: 100835

Ion Ratio Lower Upper

164 100

162 97.6 79.9 119.9

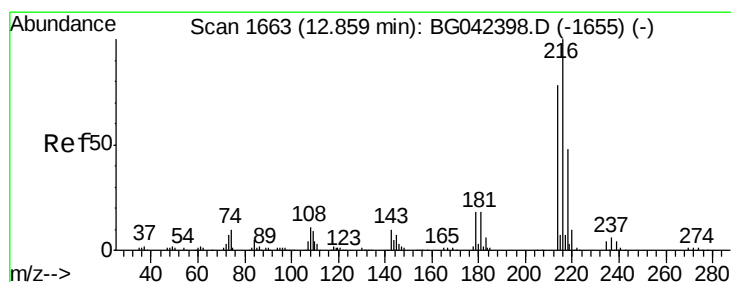
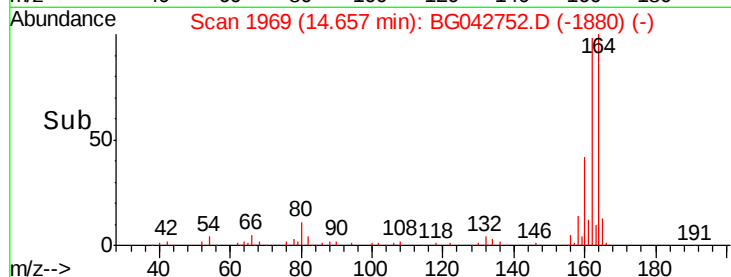
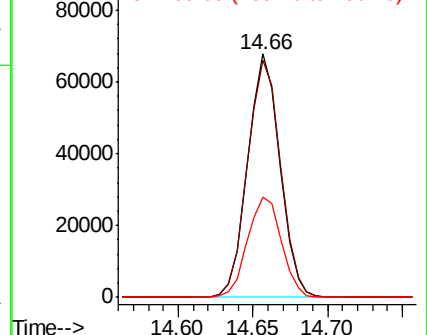
160 41.3 34.3 51.5



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: 40.337 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Tgt Ion:216 Resp: 130618

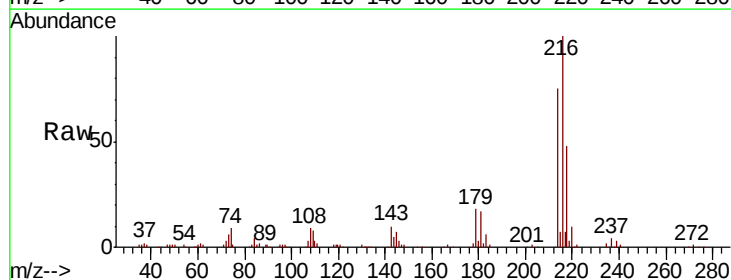
Ion Ratio Lower Upper

216 100

214 76.2 61.4 92.2

179 18.8 15.1 22.7

108 11.0 9.4 14.0

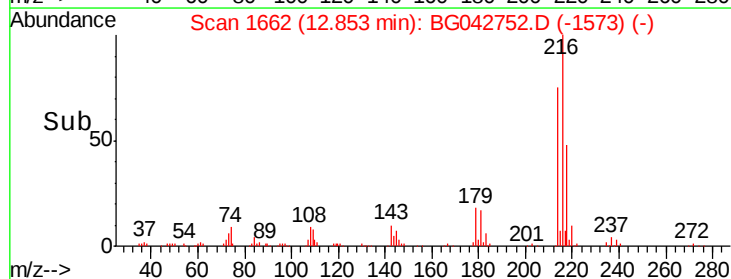
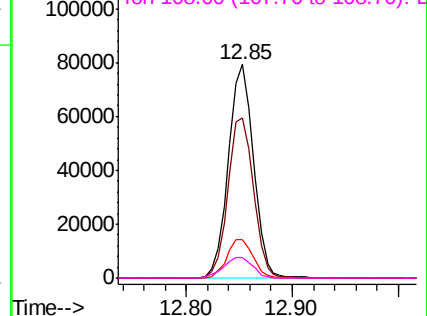


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.649 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

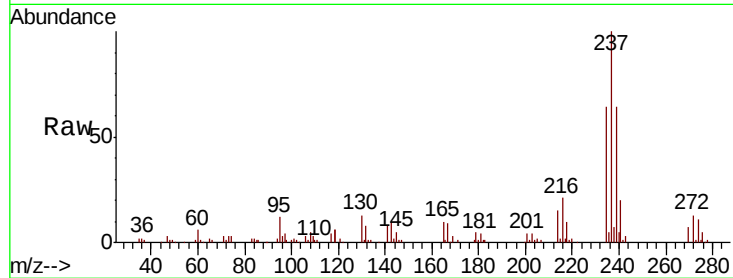
Tot Ion:237 Resp: 79349

Ion Ratio Lower Upper

237 100

235 64.4 43.7 83.7

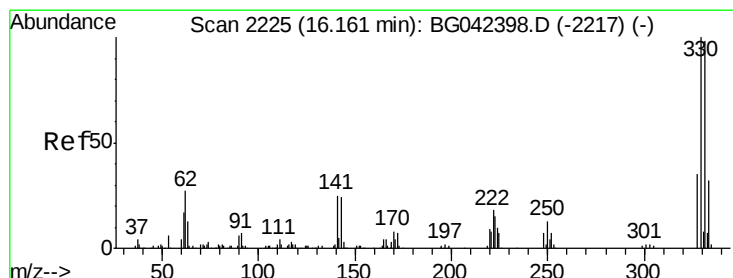
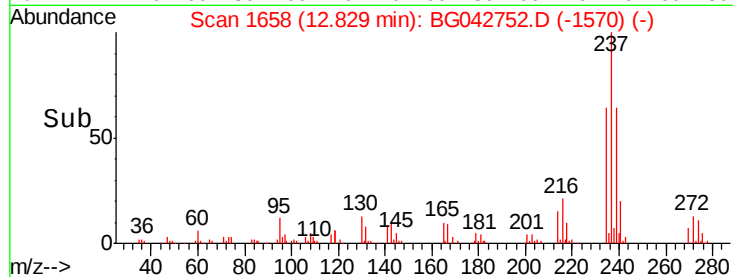
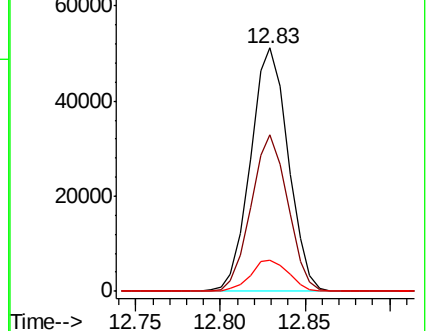
272 12.9 0.0 33.3



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: 118.004 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

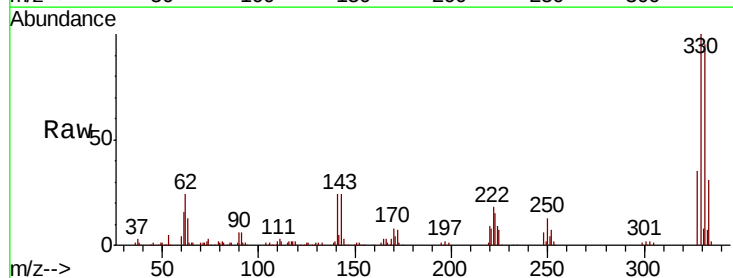
Tgt Ion:330 Resp: 169124

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

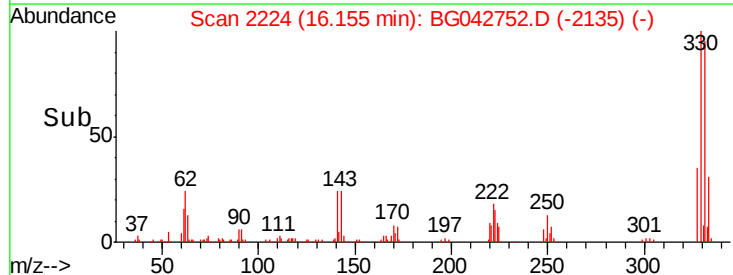
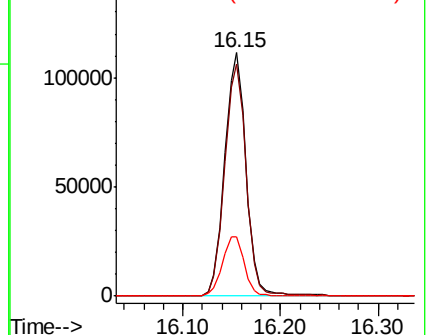
141 25.1 21.4 32.0



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

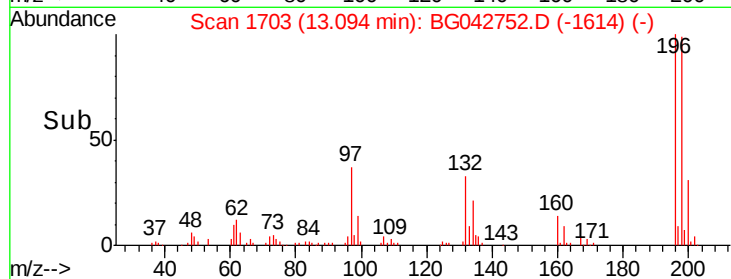
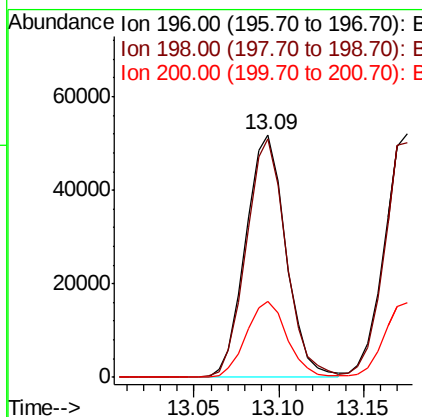
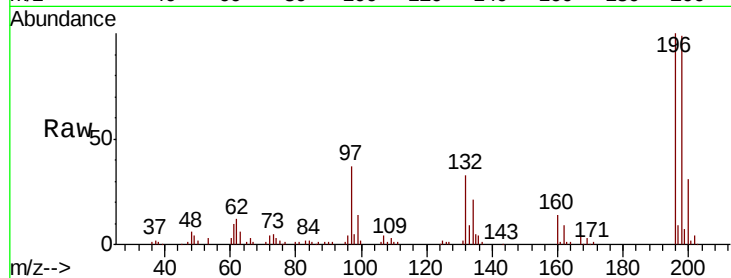




#43
 2,4,6-Trichlorophenol
 Concen: 39.373 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

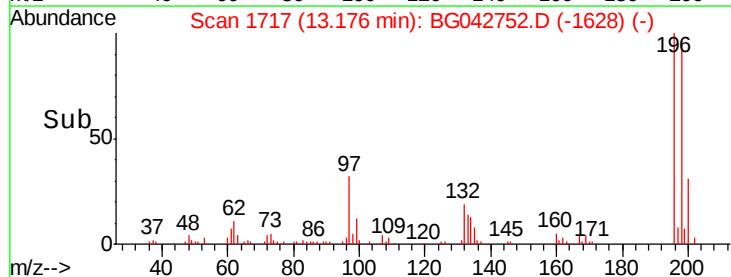
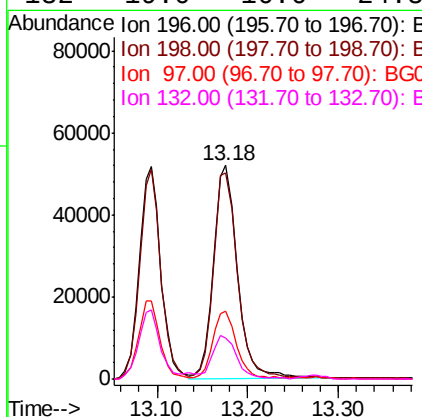
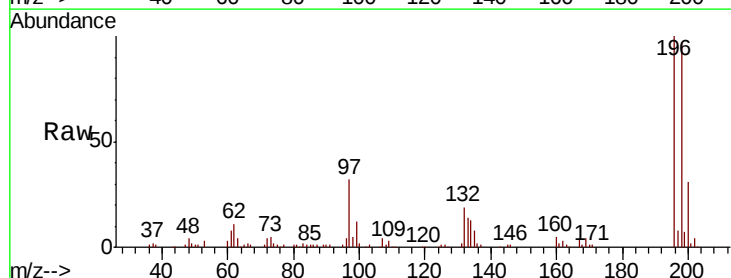
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 86180
 Ion Ratio Lower Upper
 196 100
 198 98.6 80.7 121.1
 200 31.1 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.013 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion:196 Resp: 95294
 Ion Ratio Lower Upper
 196 100
 198 96.6 80.2 120.4
 97 31.9 26.3 39.5
 132 19.0 16.6 24.8

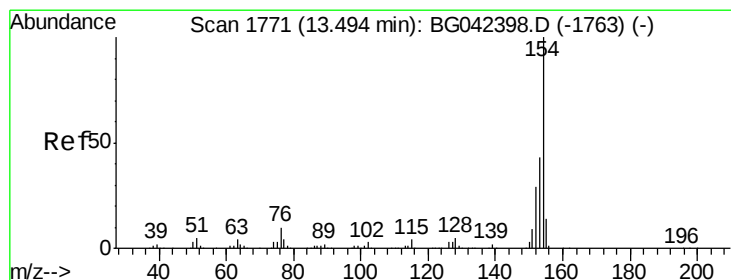
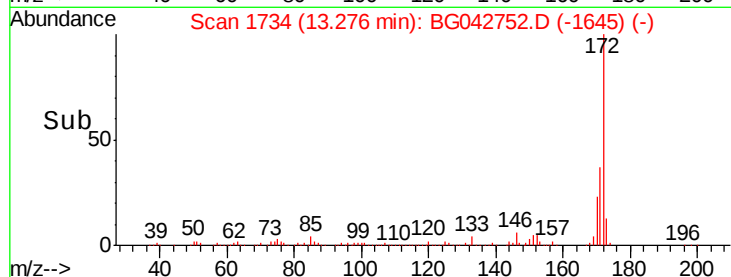
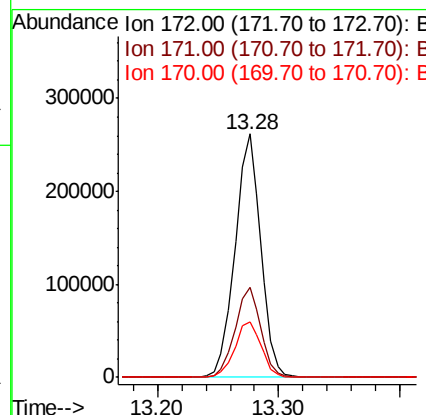
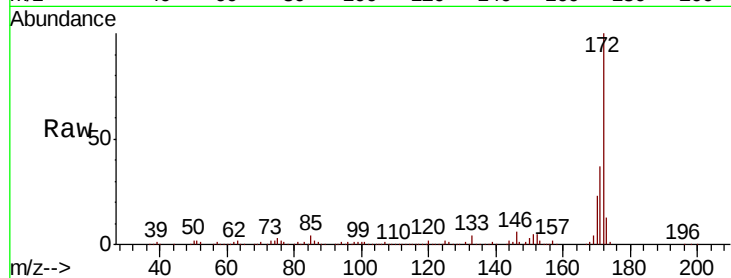




#45
 2-Fluorobiphenyl
 Concen: 65.002 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

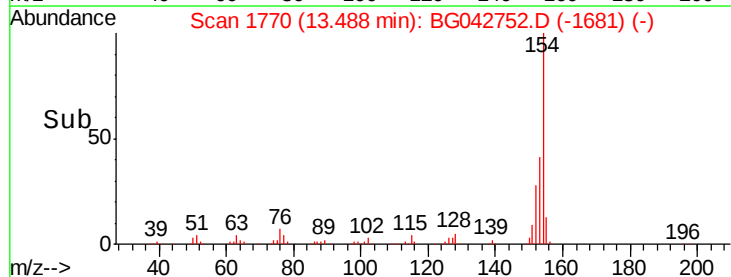
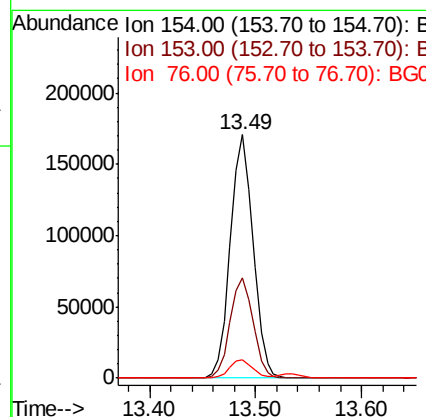
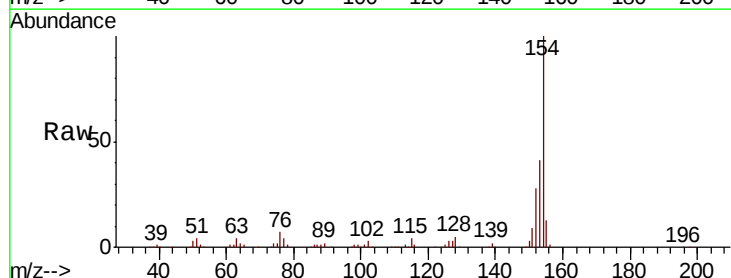
Instrument :
 BNA_G
 ClientSampleId :

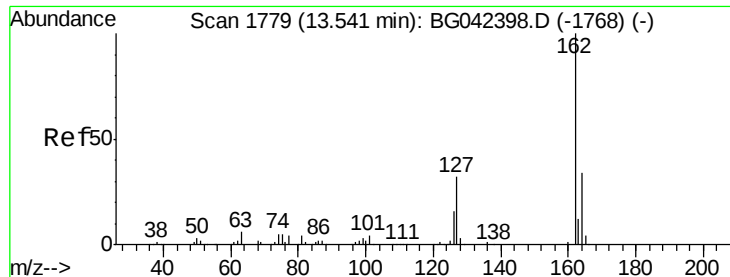
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 39.057 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.0	63.0
76	7.5	0.0	29.6

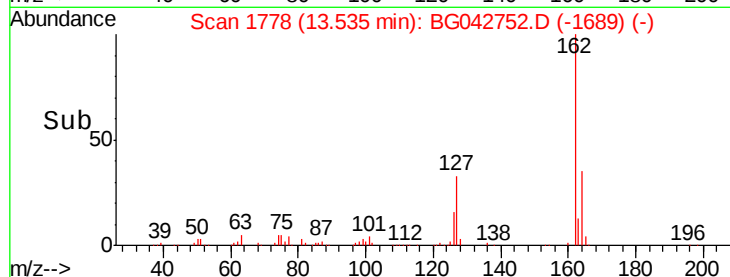
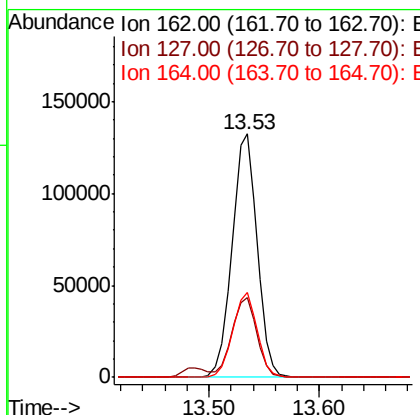
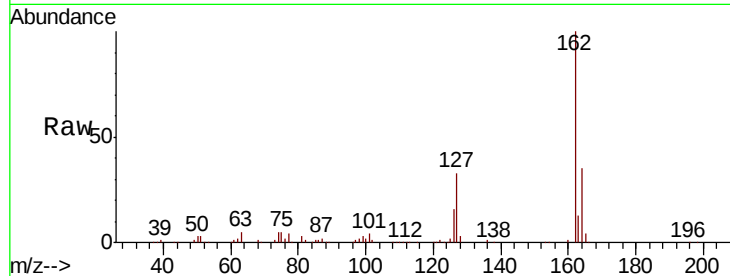




#47
2-Chloronaphthalene
Concen: 37.602 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

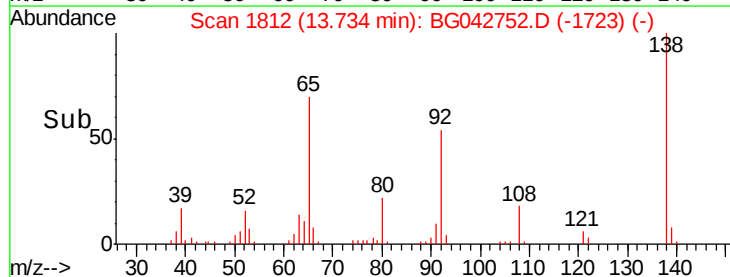
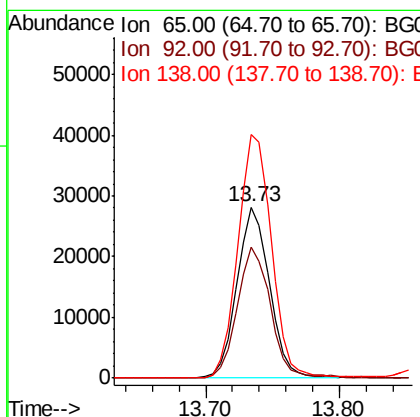
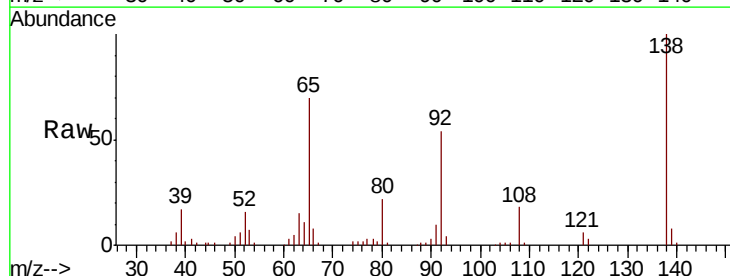
Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 211336
Ion Ratio Lower Upper
162 100
127 32.8 26.0 39.0
164 34.8 27.4 41.0



#48
2-Nitroaniline
Concen: 35.255 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion: 65 Resp: 47781
Ion Ratio Lower Upper
65 100
92 76.3 61.8 92.6
138 142.4 111.0 166.6





#49

Acenaphthylene

Concen: 39.906 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

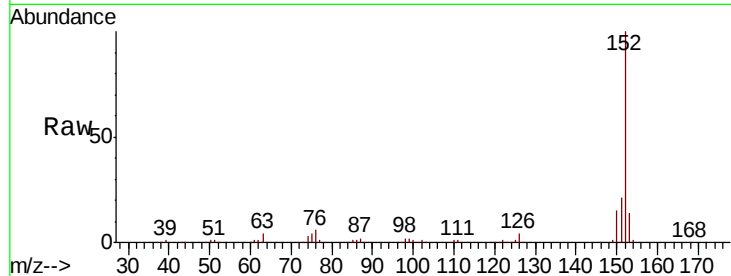
Tot Ion:152 Resp: 337429

Ion Ratio Lower Upper

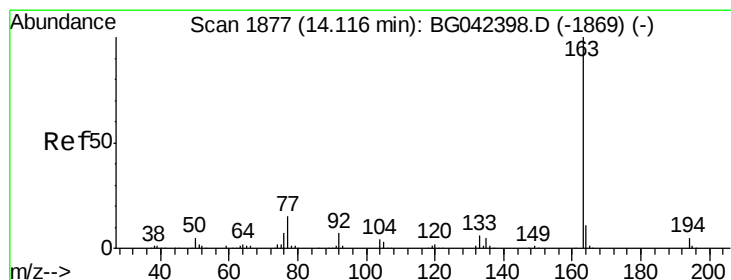
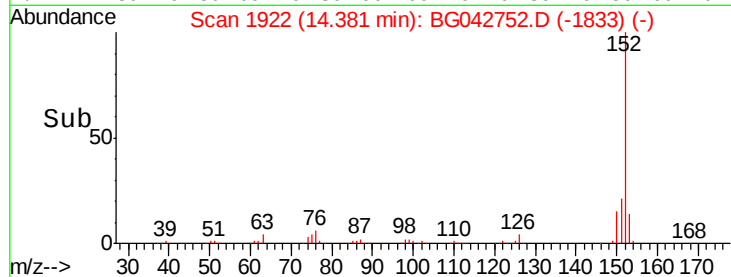
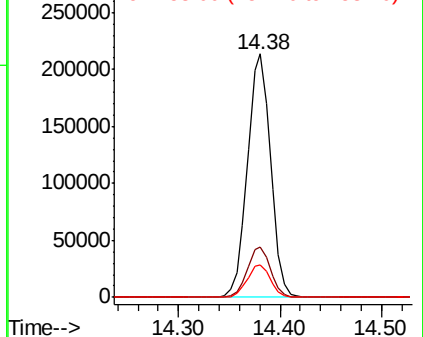
152 100

151 20.7 17.0 25.4

153 13.6 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: 39.579 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

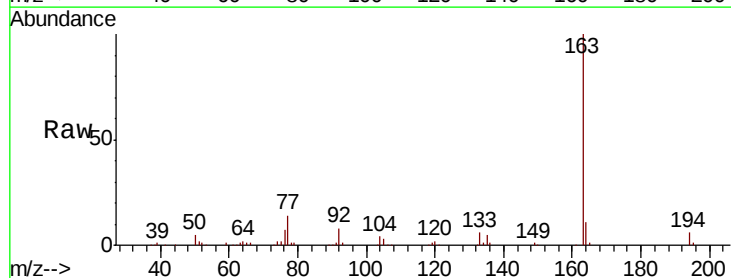
Tgt Ion:163 Resp: 287962

Ion Ratio Lower Upper

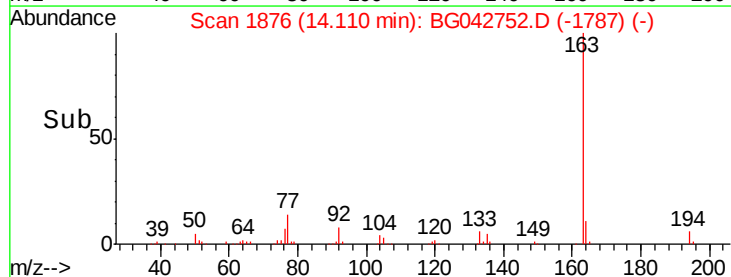
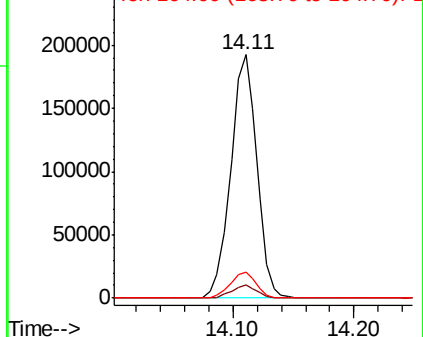
163 100

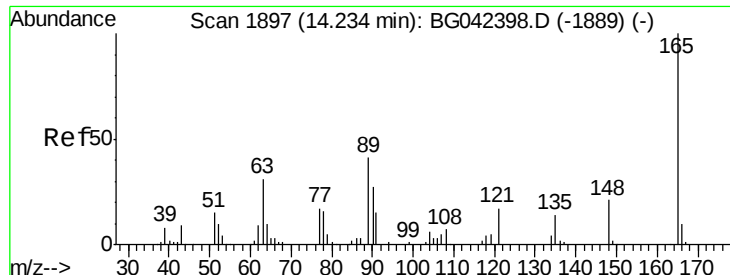
194 5.6 4.2 6.2

164 10.5 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

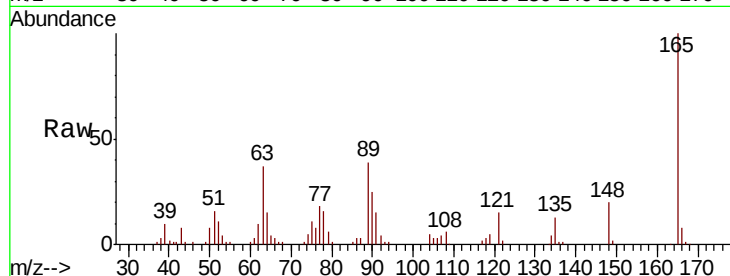




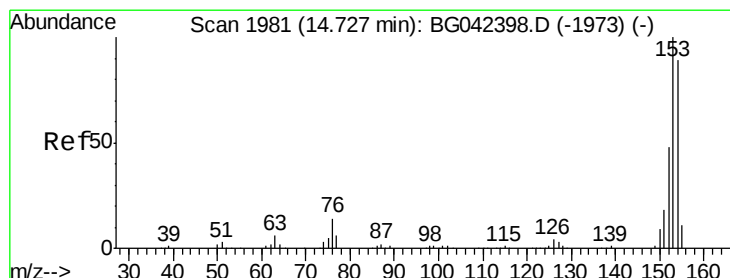
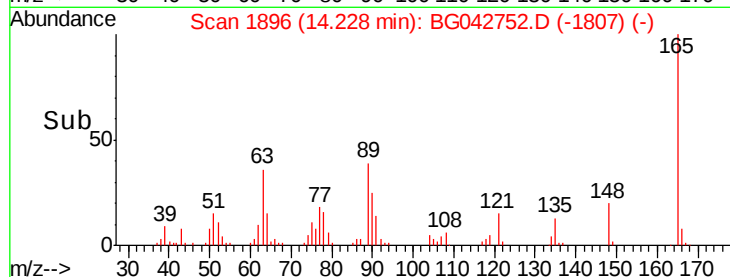
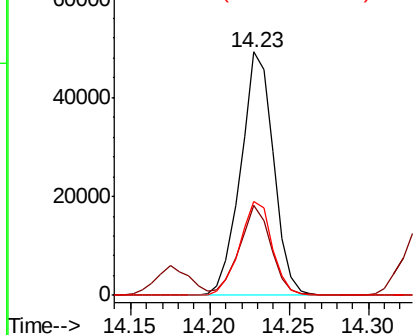
#51
 2,6-Dinitrotoluene
 Concen: 41.827 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.8	30.6	45.8
89	38.6	32.6	49.0

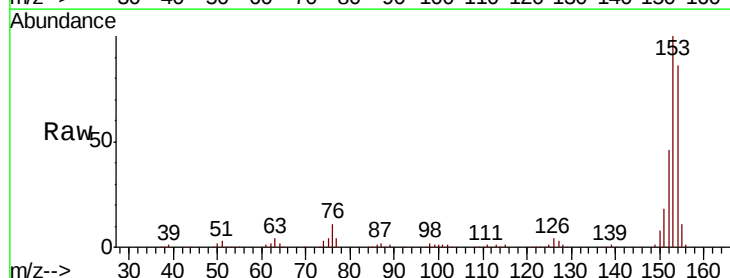


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

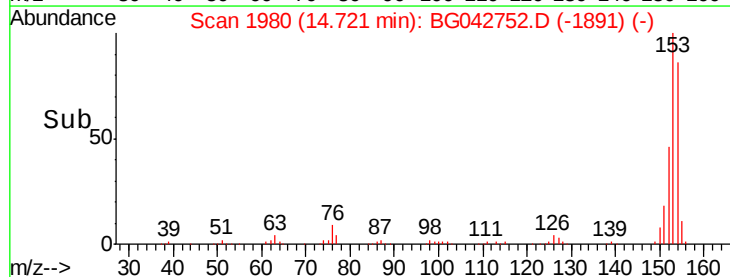
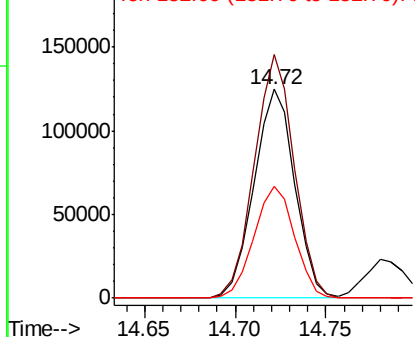


#52
 Acenaphthene
 Concen: 38.196 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	90.2	135.4
152	53.5	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

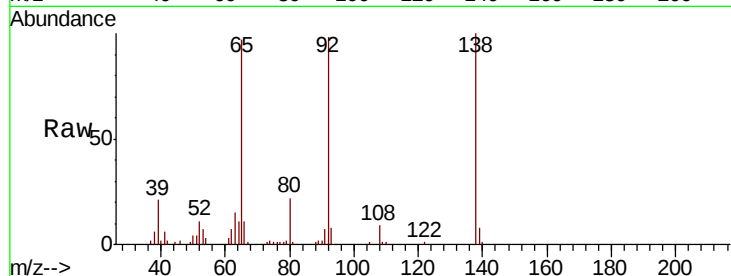




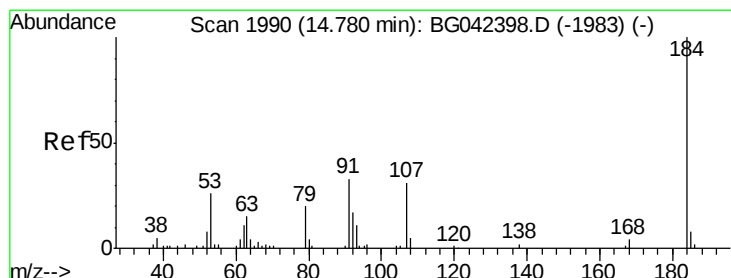
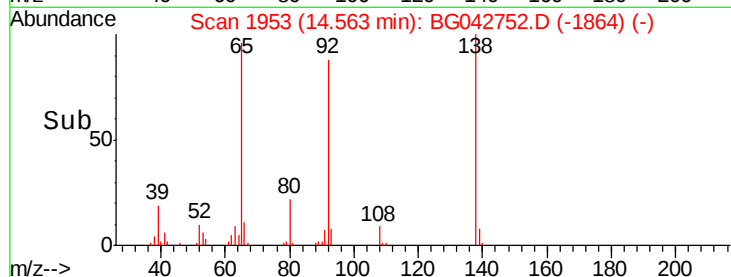
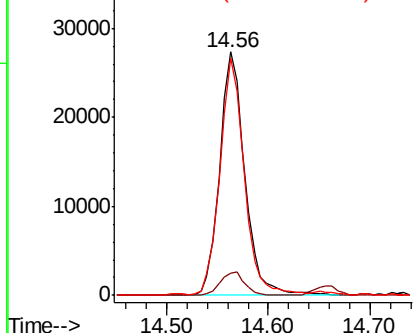
#53
3-Nitroaniline
Concen: 27.823 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 46927
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 97.5 78.2 117.4

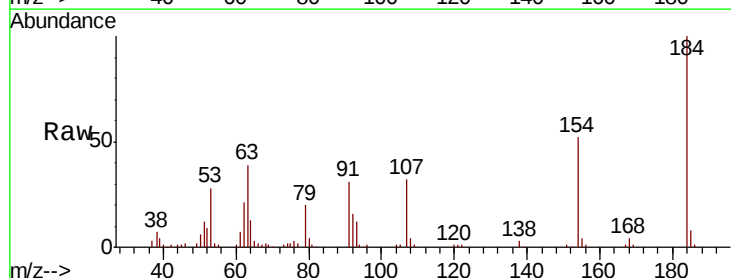


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

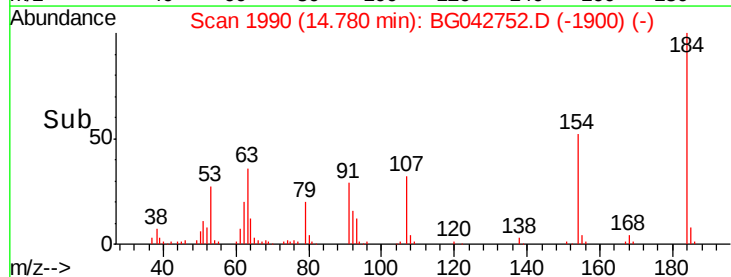
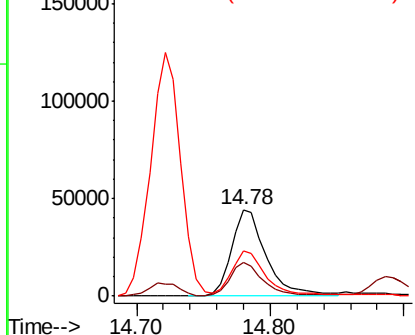


#54
2,4-Dinitrophenol
Concen: 71.254 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:184 Resp: 80158
Ion Ratio Lower Upper
184 100
63 38.9 31.7 47.5
154 52.5 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

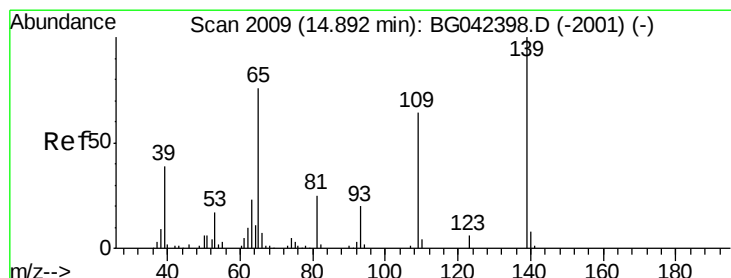
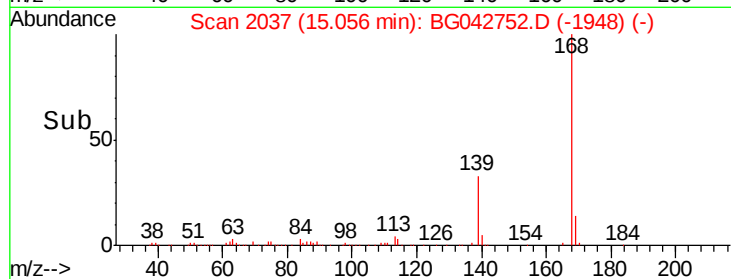
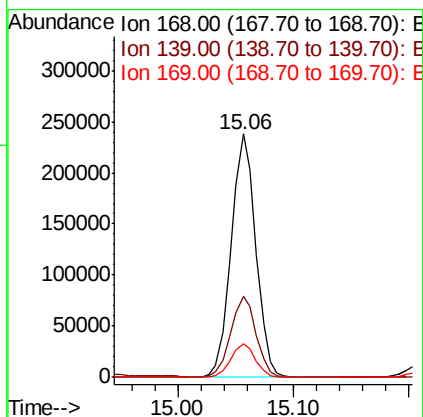
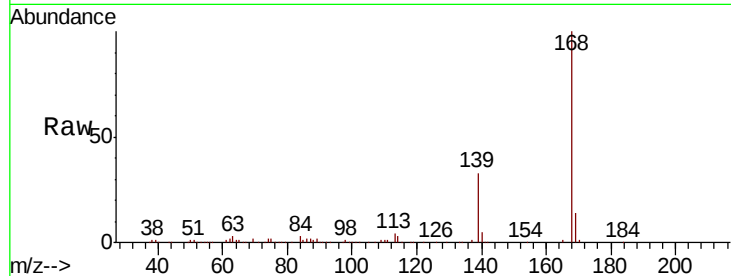




#55
Dibenzenofuran
Concen: 41.177 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

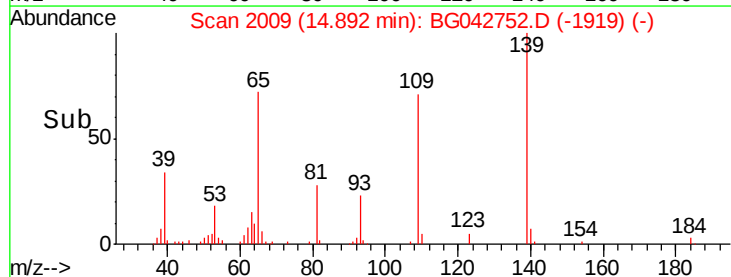
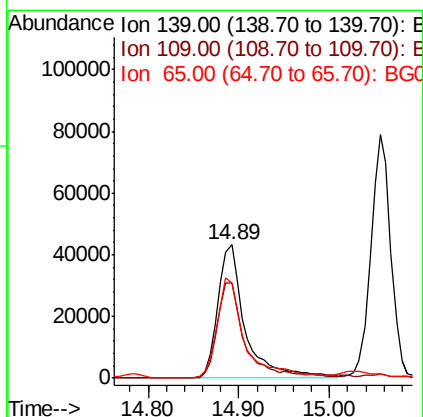
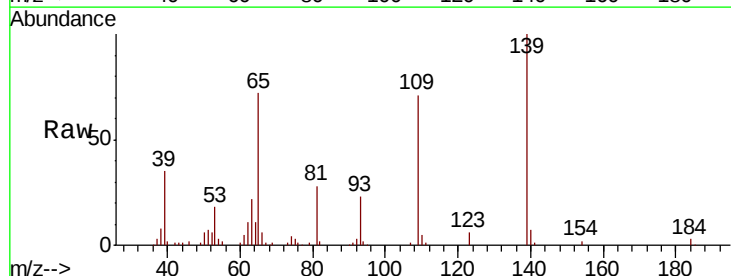
Instrument :
BNA_G
ClientSampleId :

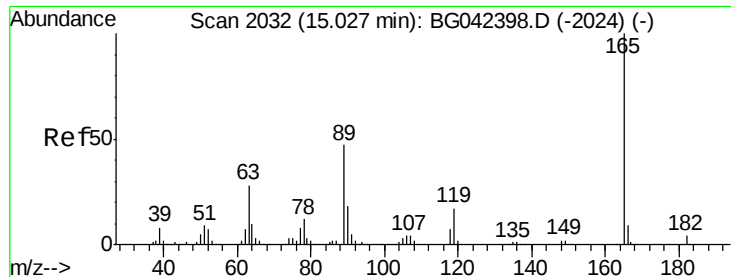
Tot Ion:168 Resp: 349951
Ion Ratio Lower Upper
168 100
139 33.2 27.2 40.8
169 13.6 11.5 17.3



#56
4-Nitrophenol
Concen: 75.699 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:139 Resp: 90722
Ion Ratio Lower Upper
139 100
109 71.3 43.9 83.9
65 71.5 56.3 96.3

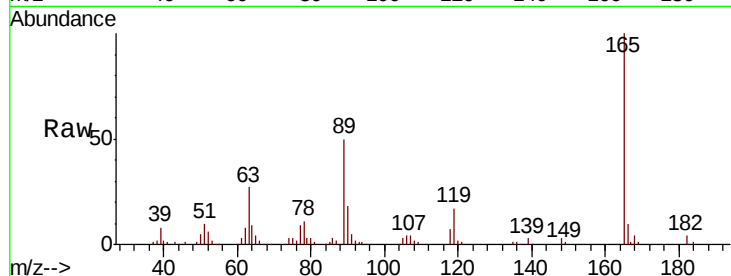




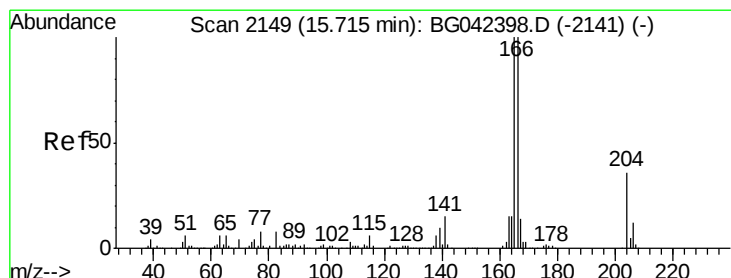
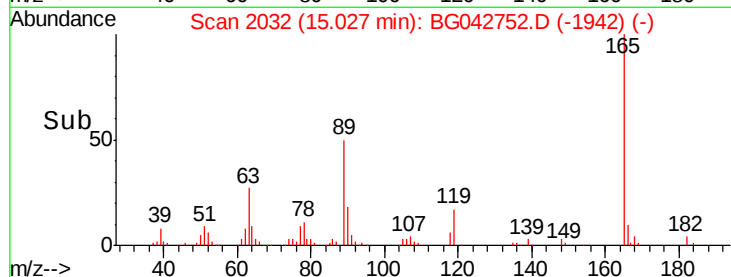
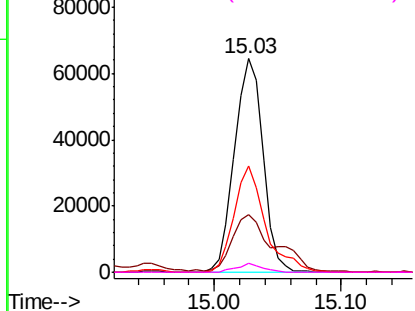
#57
2,4-Dinitrotoluene
Concen: 41.330 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	99809
Ion Ratio	Lower	Upper
165	100	
63	26.9	22.5 33.7
89	49.8	37.8 56.6
182	3.9	3.0 4.4

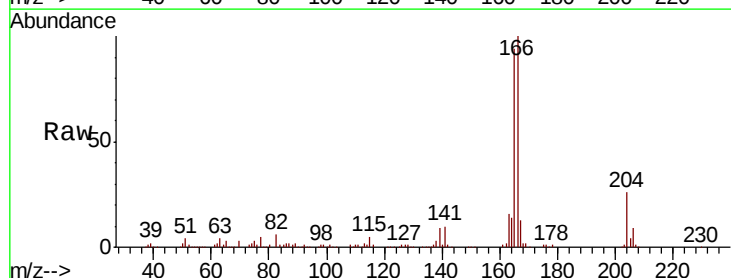


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

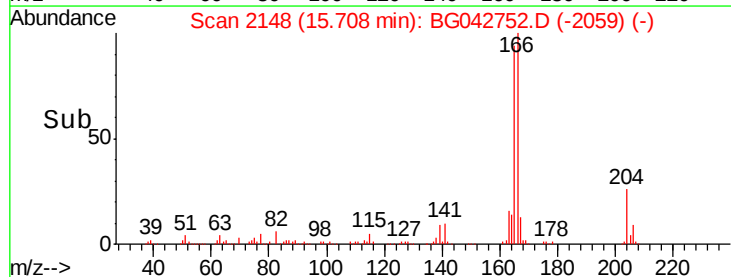
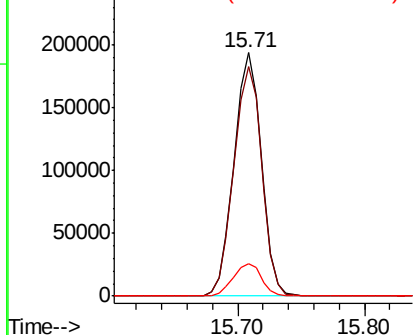


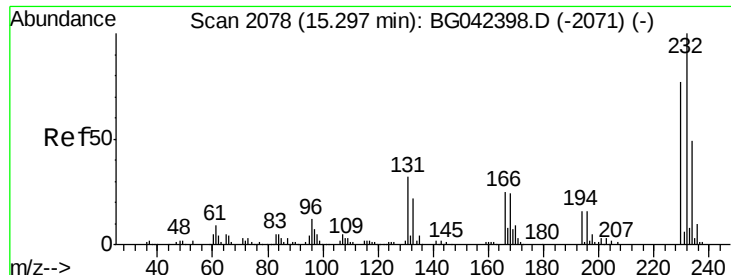
#58
Fluorene
Concen: 41.529 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:166	Resp:	288515
Ion Ratio	Lower	Upper
166	100	
165	94.4	79.7 119.5
167	13.1	10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

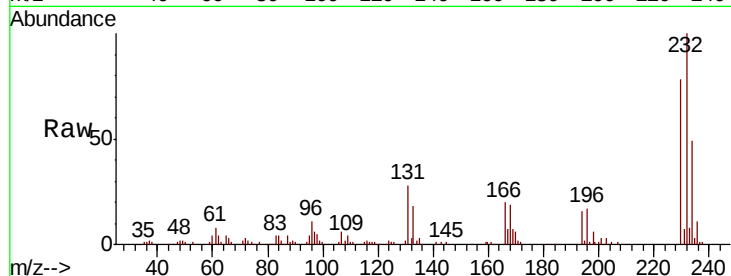




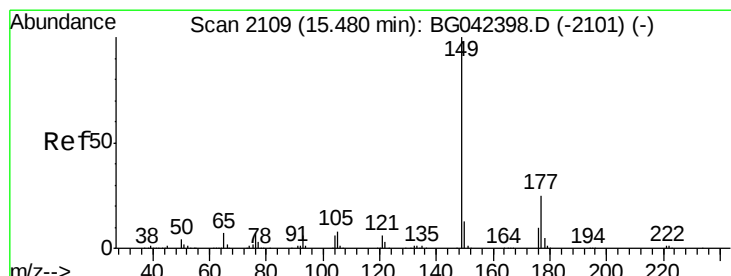
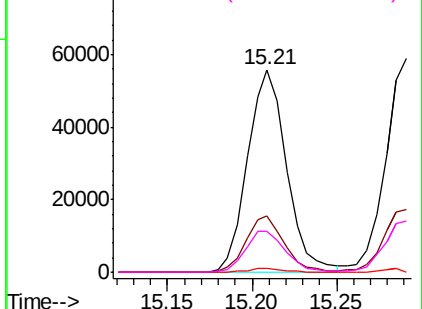
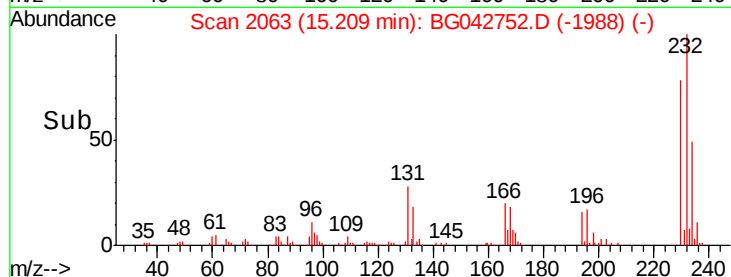
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.012 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	89750
Ion Ratio	Lower	Upper
232	100	
131	27.1	22.9 34.3
130	1.6	1.4 2.0
166	21.0	17.0 25.4

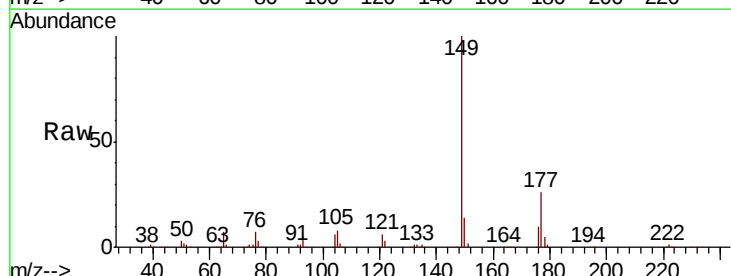


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

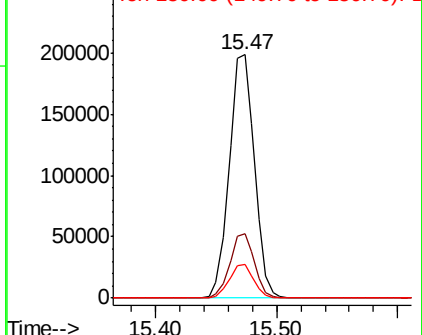
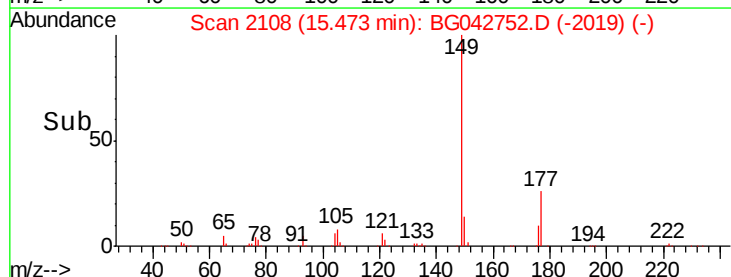


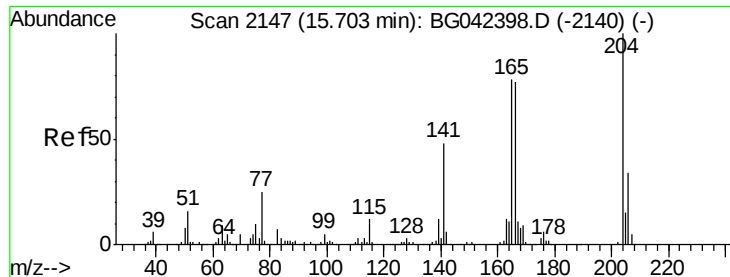
#60
 Diethylphthalate
 Concen: 40.408 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion:149	Resp:	287396
Ion Ratio	Lower	Upper
149	100	
177	26.2	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

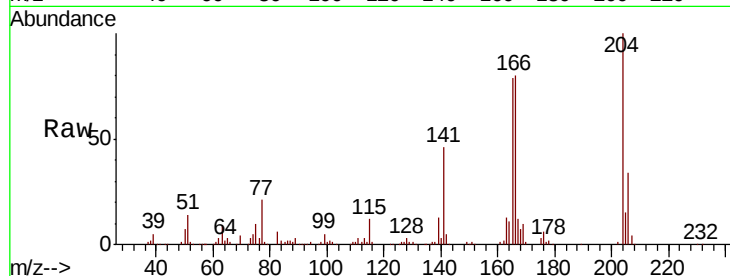




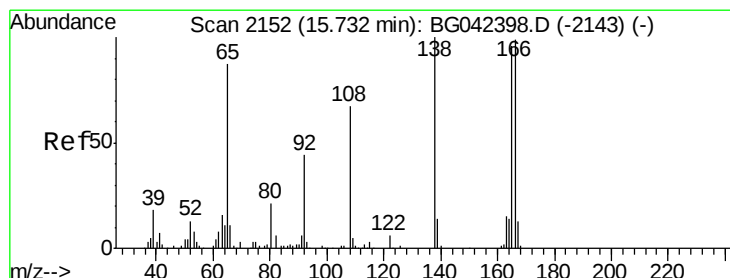
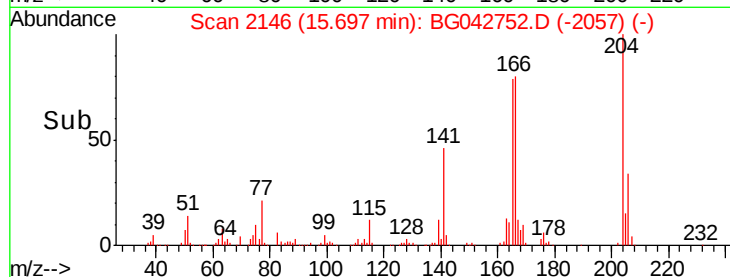
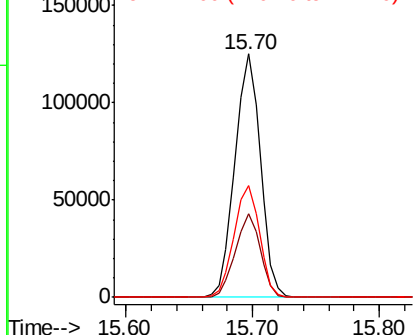
#61
4-Chlorophenyl-phenylether
Concen: 41.521 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 173886
Ion Ratio Lower Upper
204 100
206 34.2 27.2 40.8
141 46.0 38.7 58.1

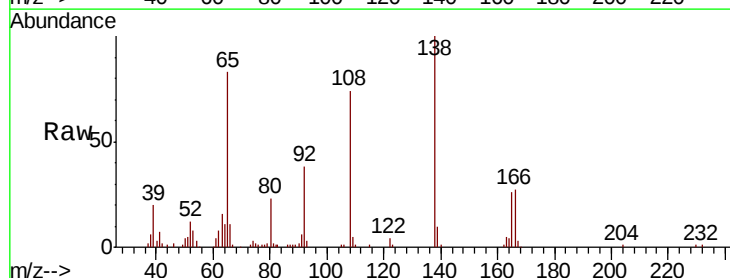


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

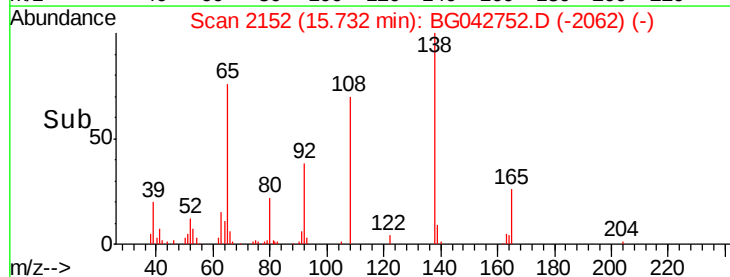
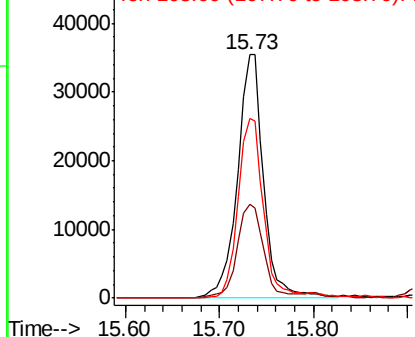


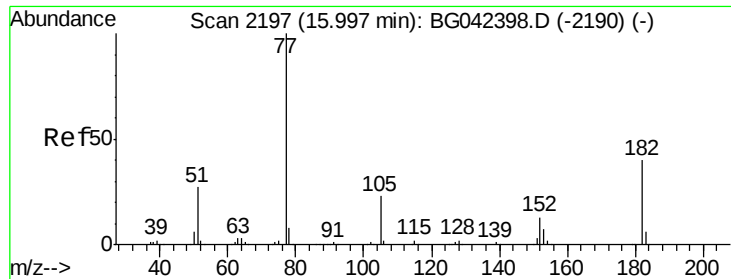
#62
4-Nitroaniline
Concen: 37.886 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:138 Resp: 68387
Ion Ratio Lower Upper
138 100
92 38.5 24.2 64.2
108 73.7 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

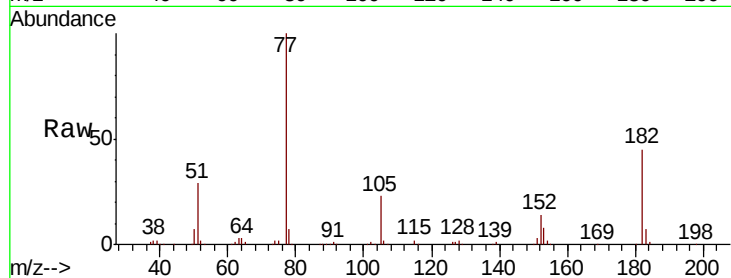




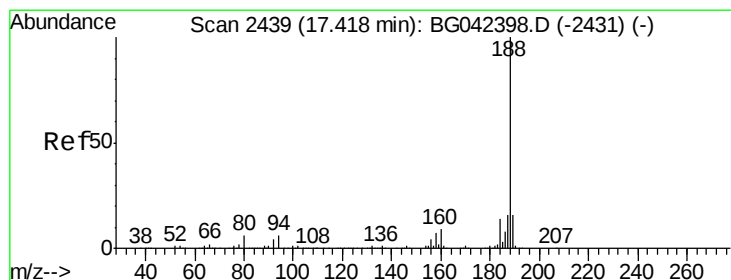
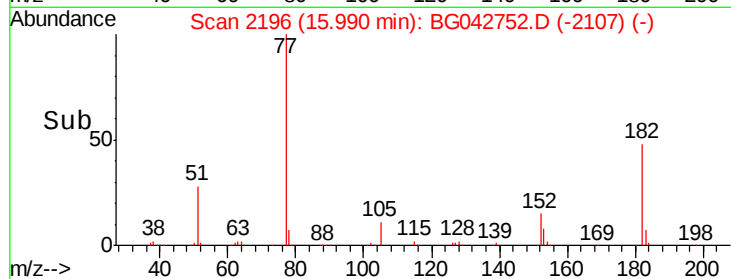
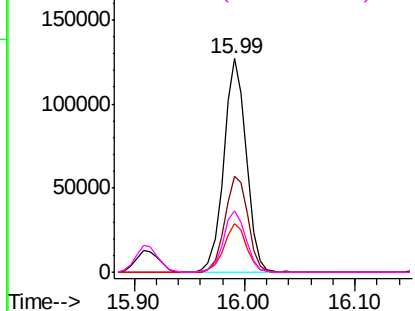
#63
Azobenzene
Concen: 37.011 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 180374
Ion Ratio Lower Upper
77 100
182 45.0 19.9 59.9
105 22.8 2.9 42.9
51 28.6 7.6 47.6

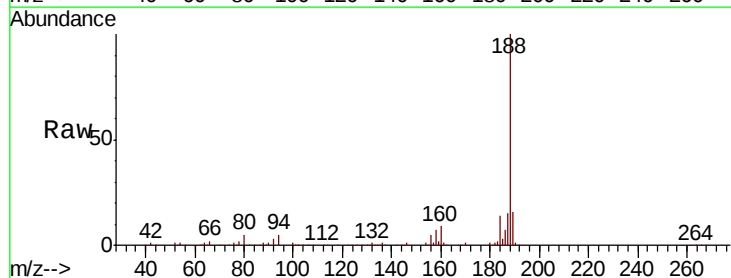


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

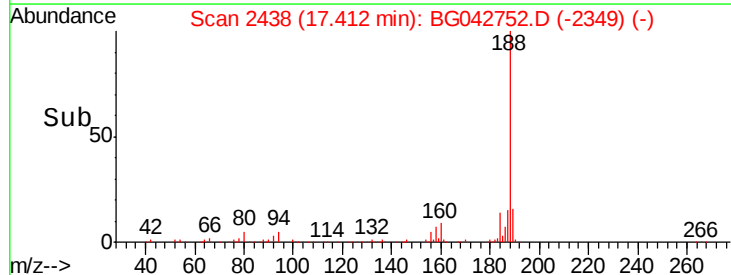
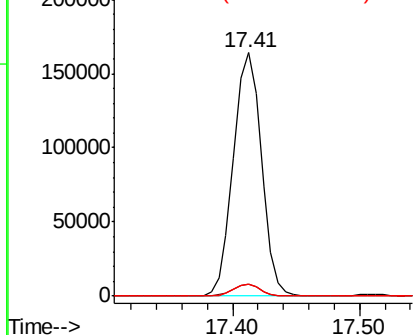


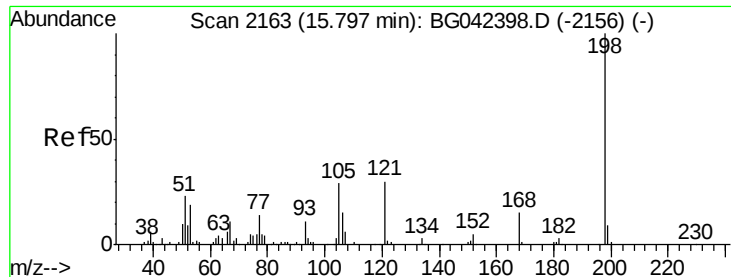
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion: 188 Resp: 252430
Ion Ratio Lower Upper
188 100
94 4.8 4.5 6.7
80 4.6 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: 43.739 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

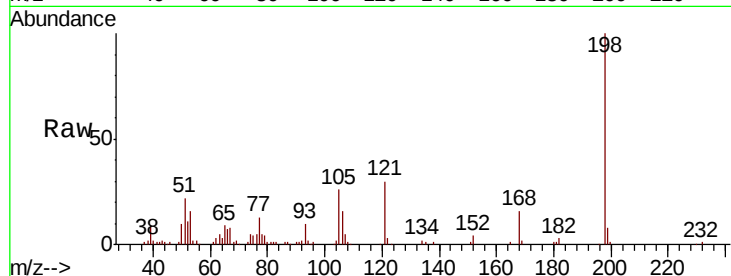
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 69222

Ion	Ratio	Lower	Upper
198	100		
51	22.0	4.2	44.2
105	26.5	8.8	48.8

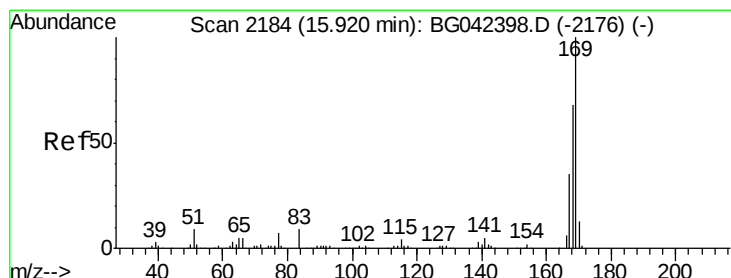
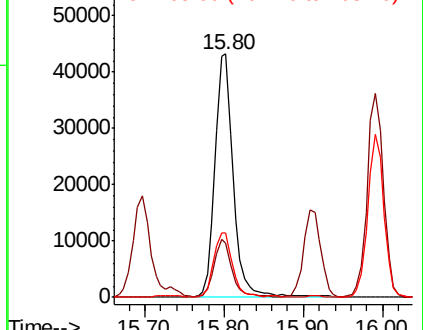
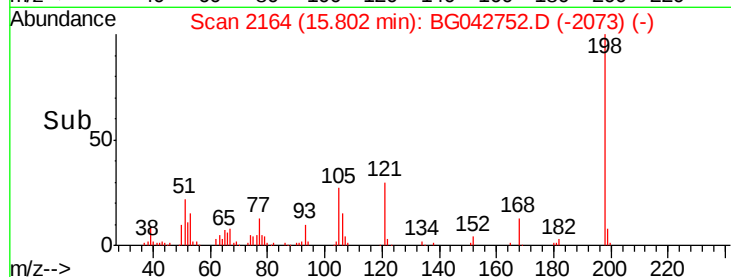


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.781 ng

RT: 15.91 min Scan# 2183

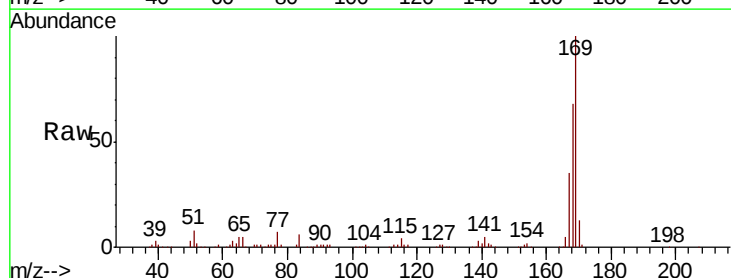
Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Tgt Ion:169 Resp: 269218

Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.3	81.5
167	35.0	28.2	42.2

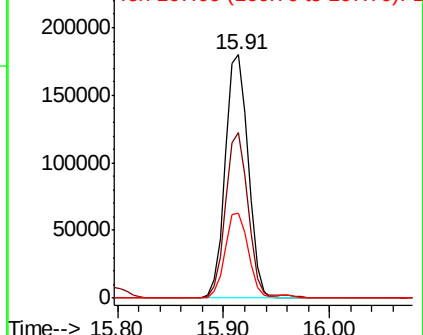
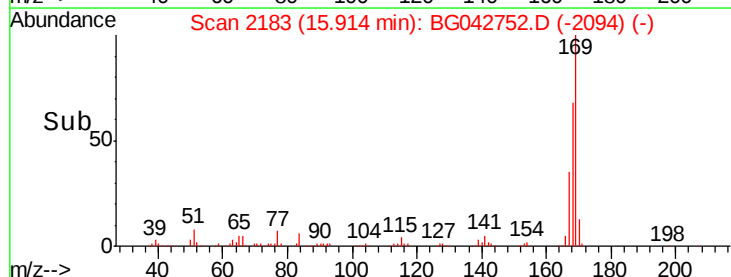


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

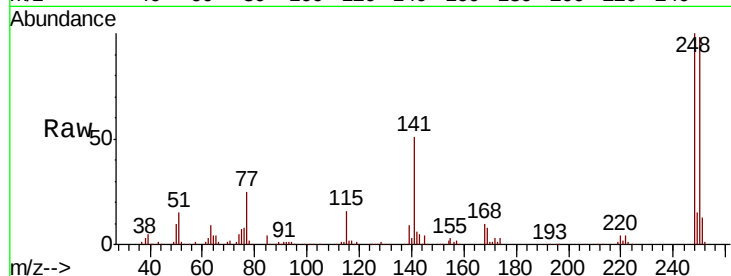




#67
 4-Bromophenyl-phenylether
 Concen: 38.807 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.9	118.3
141	51.2	43.3	64.9

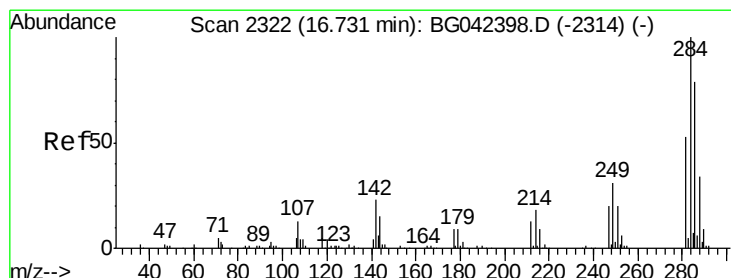
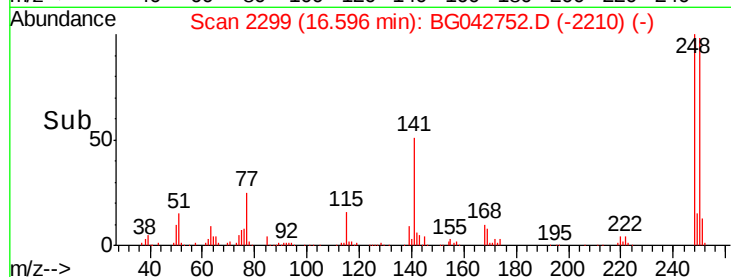
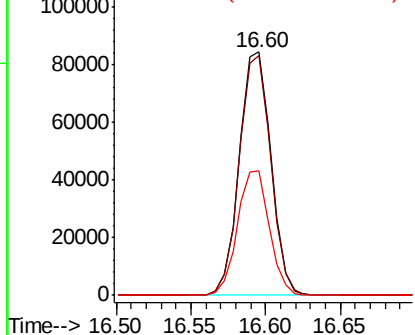


Abundance

Ion 248.00 (247.70 to 248.70): E

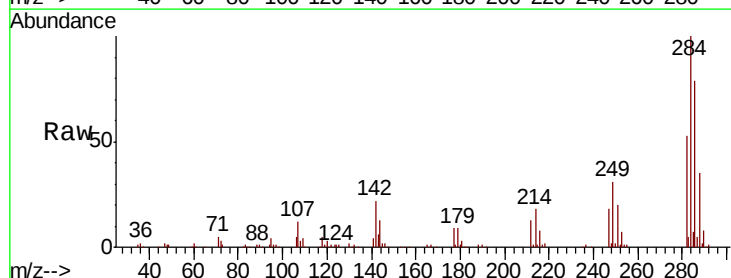
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.907 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.3	18.2	27.4
249	31.3	25.0	37.4

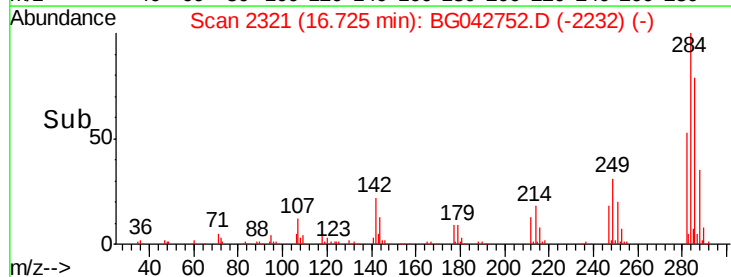
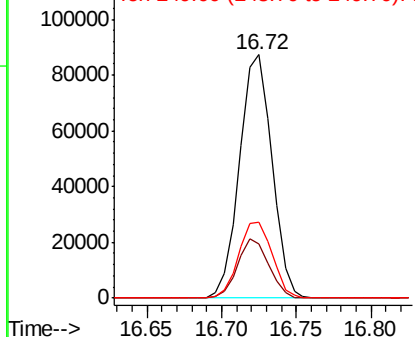


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

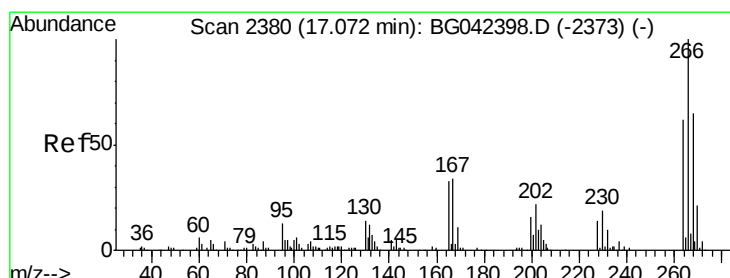
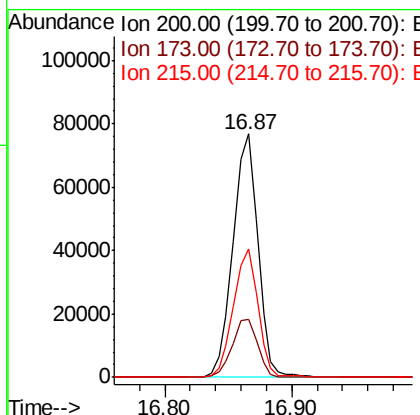
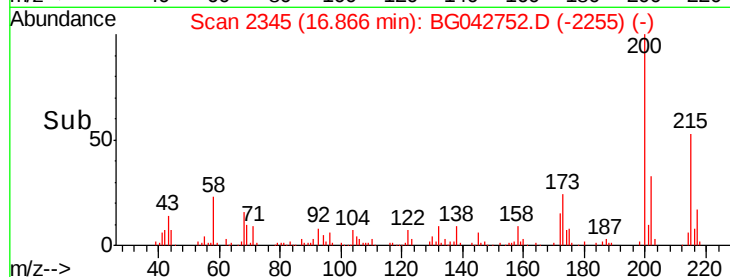
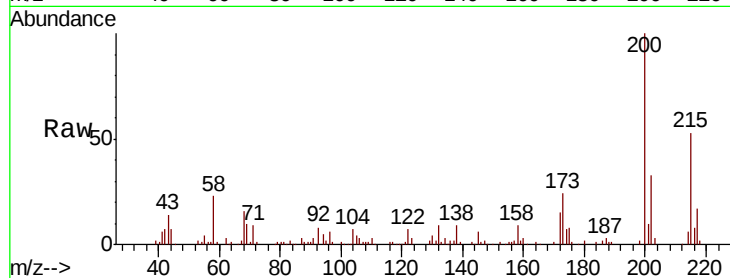




#69
 Atrazine
 Concen: 42.393 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

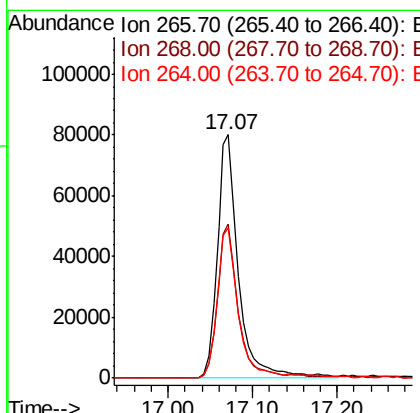
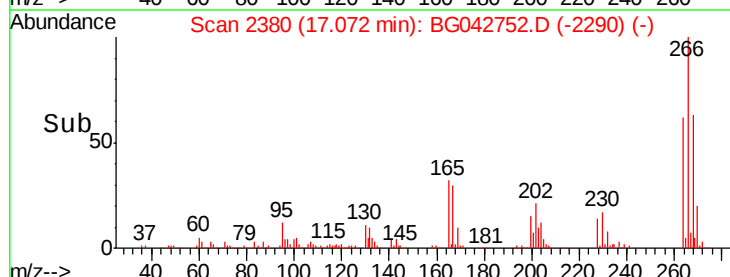
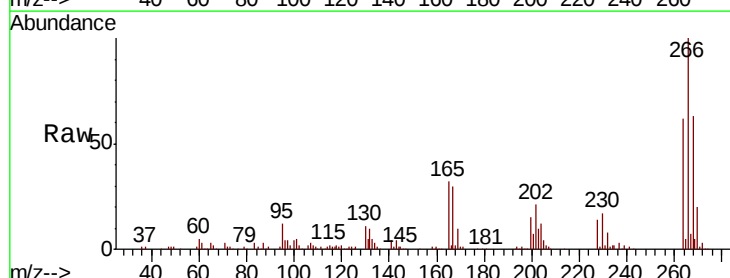
Instrument :
 BNA_G
 ClientSampled :

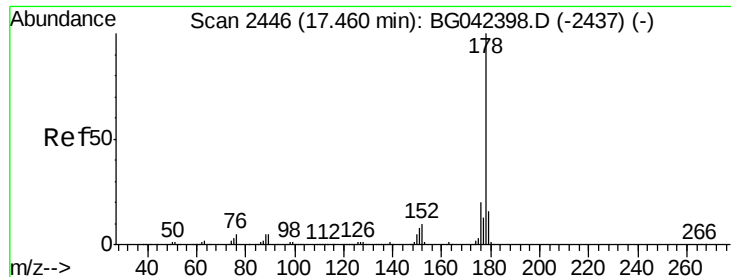
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	4.9	44.9
215	52.7	30.7	70.7



#70
 Pentachlorophenol
 Concen: 77.566 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042752.D
 Acq: 6 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.1	78.1
264	61.8	49.4	74.2

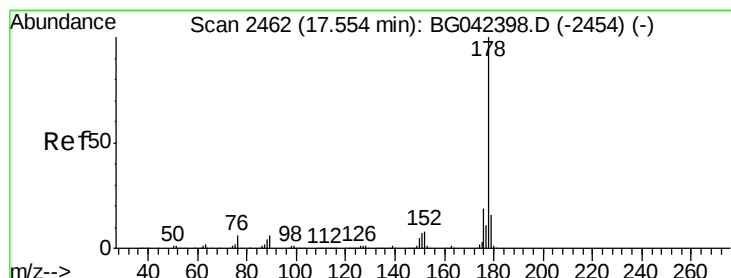
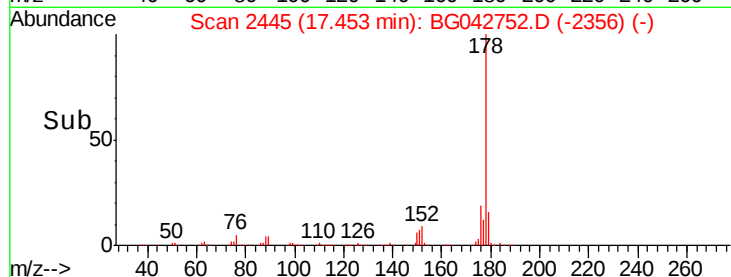
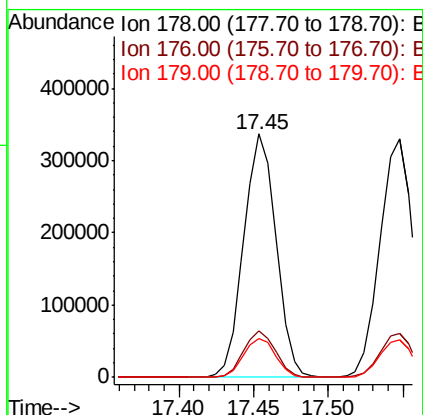
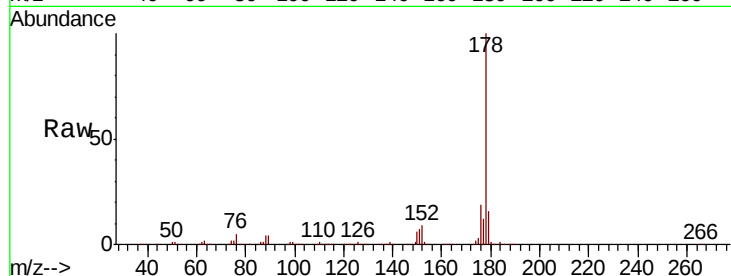




#71
Phenanthrene
Concen: 40.313 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

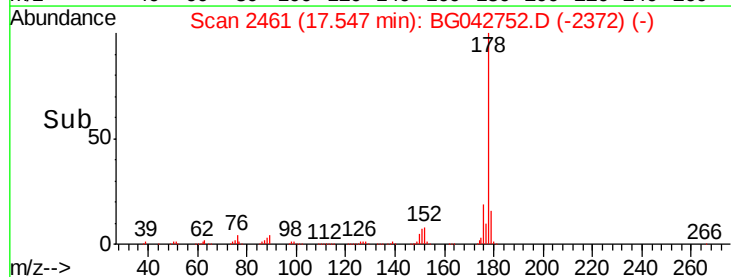
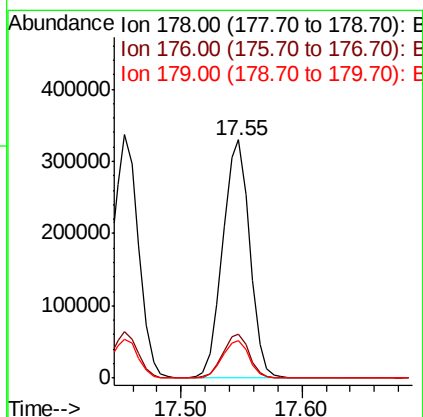
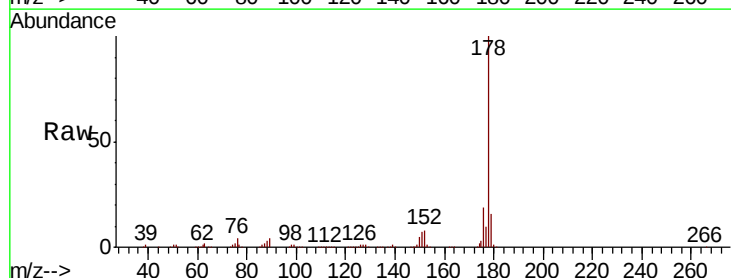
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 505466
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.8 12.7 19.1



#72
Anthracene
Concen: 40.750 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:178 Resp: 510085
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.8 12.9 19.3





#73

Carbazole

Concen: 39.324 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

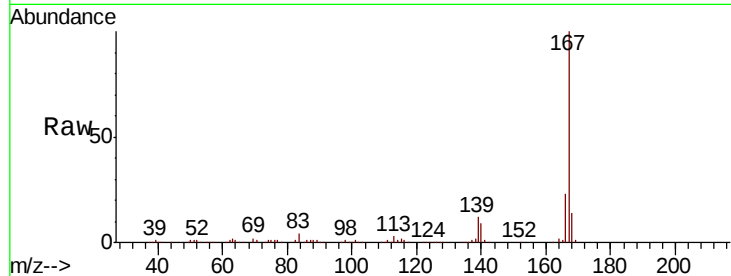
Tot Ion:167 Resp: 438700

Ion Ratio Lower Upper

167 100

166 23.5 18.9 28.3

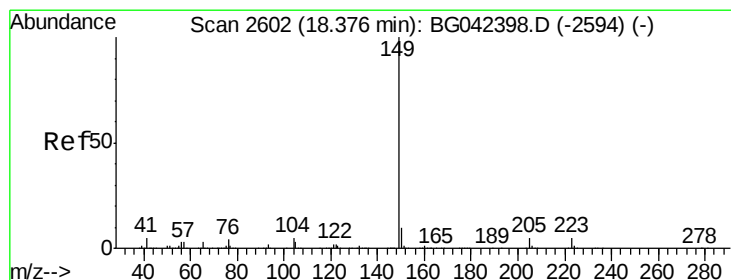
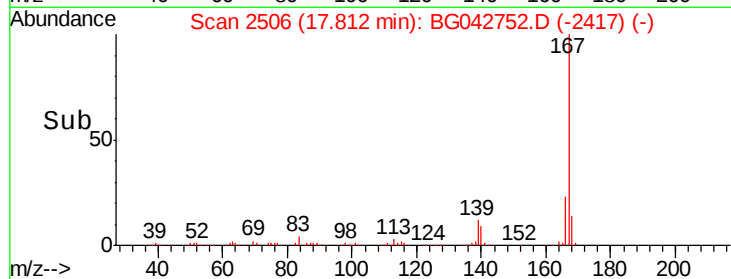
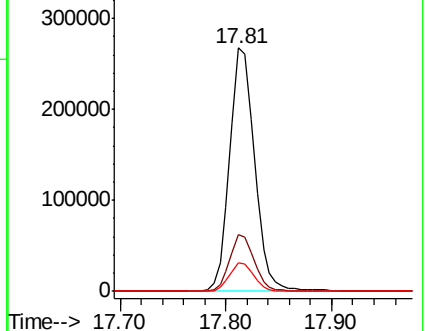
139 11.7 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.693 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

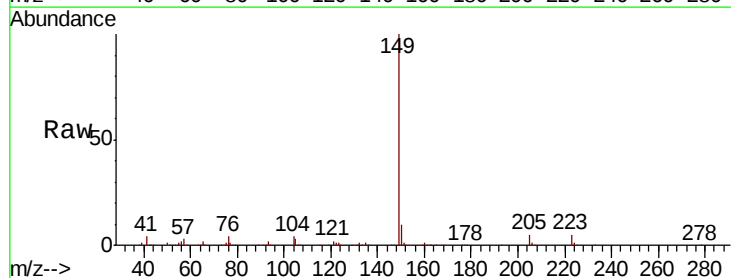
Tgt Ion:149 Resp: 510252

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

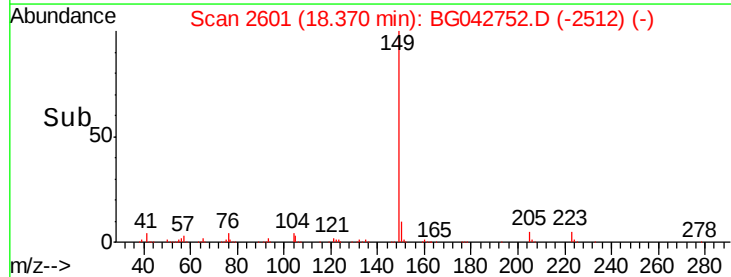
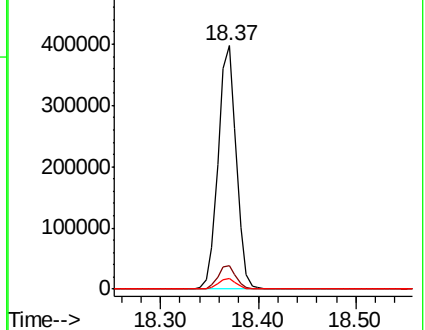
104 4.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.011 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

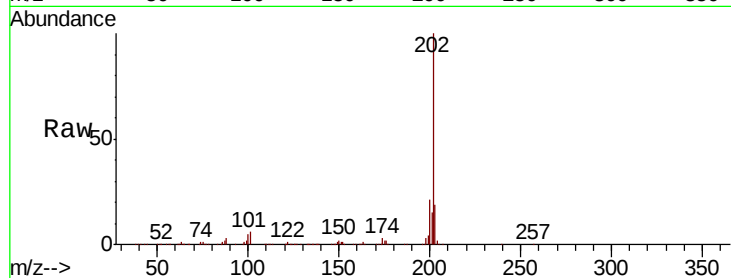
Tot Ion:202 Resp: 627570

Ion Ratio Lower Upper

202 100

101 5.6 0.0 28.3

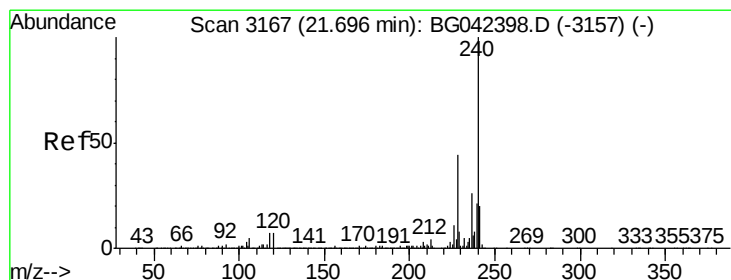
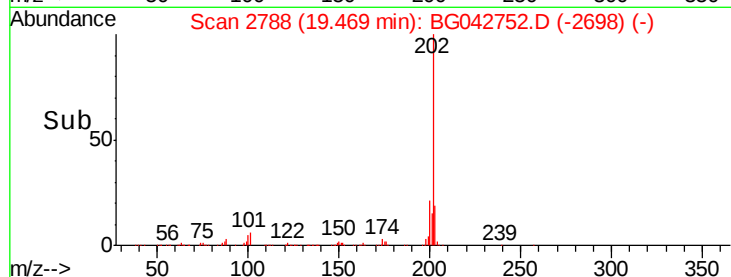
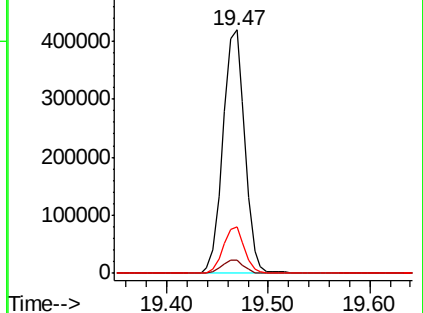
203 18.9 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

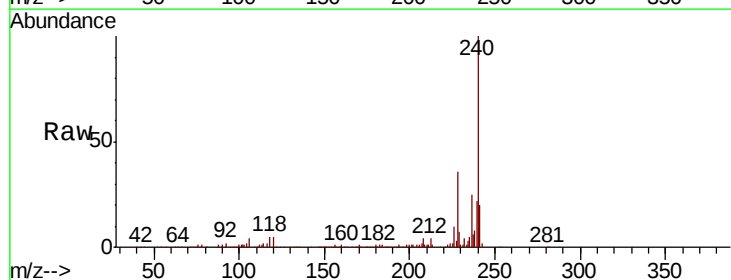
Tgt Ion:240 Resp: 208656

Ion Ratio Lower Upper

240 100

120 4.9 5.7 8.5#

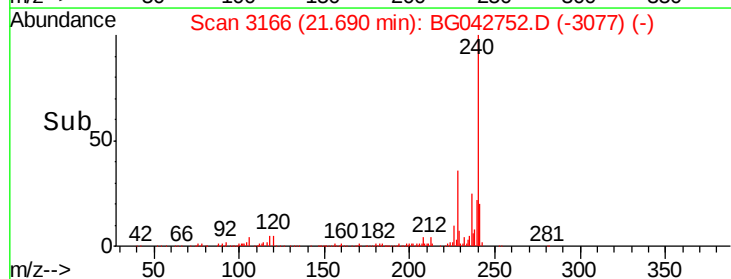
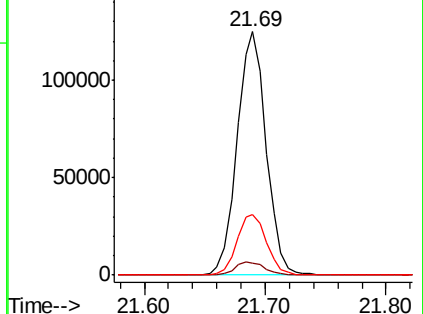
236 24.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.674 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

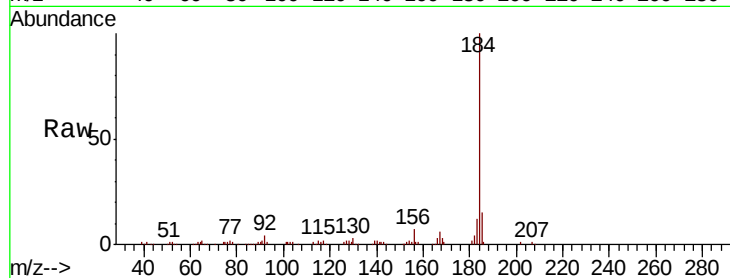
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 117697

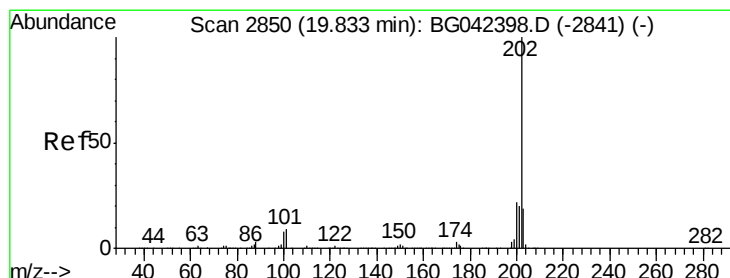
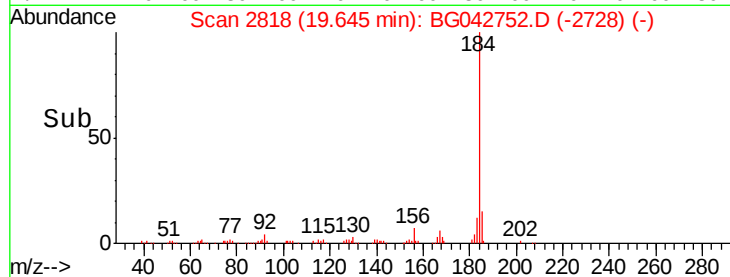
Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.2	18.4
183	12.4	10.8	16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.728 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

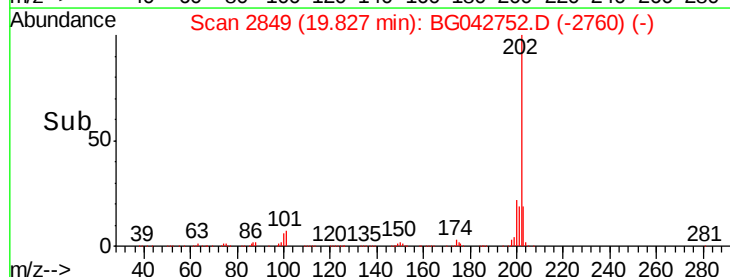
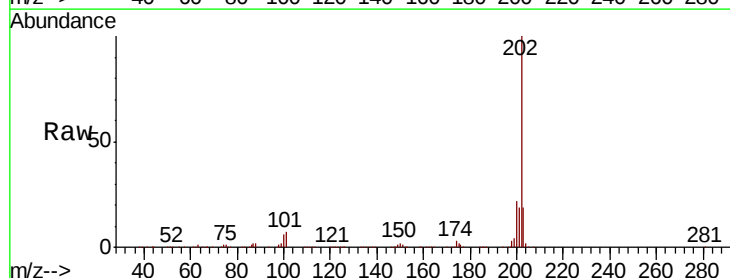
Tgt Ion:202 Resp: 623356

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	18.6	15.5	23.3

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.411 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

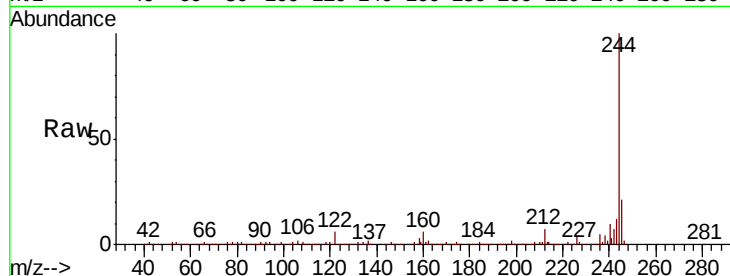
Tot Ion:244 Resp: 766425

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

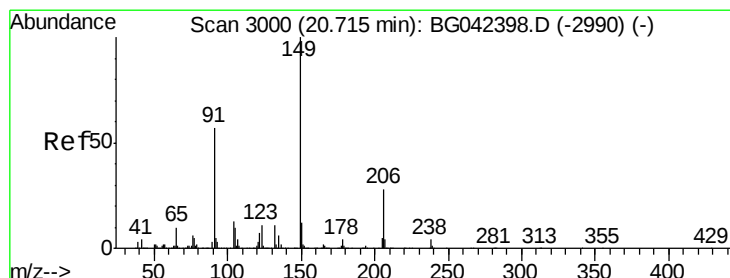
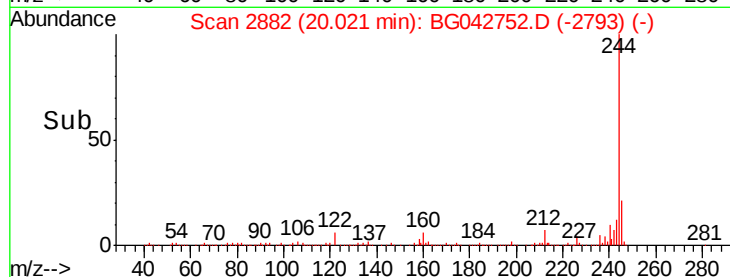
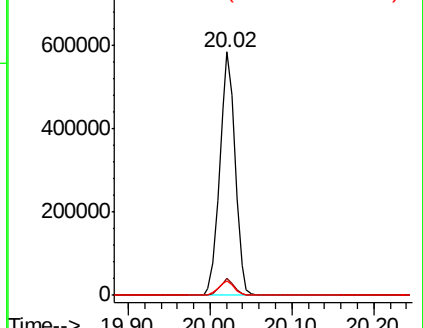
122 6.1 6.7 10.1#



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: 34.504 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

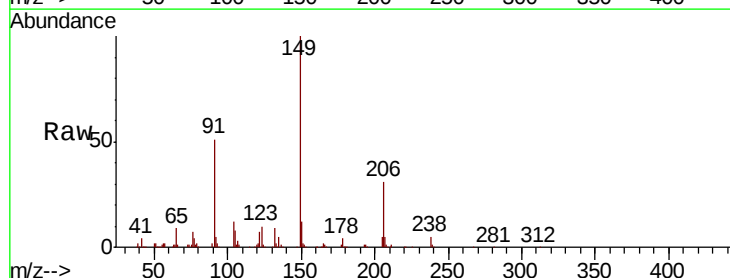
Tgt Ion:149 Resp: 173611

Ion Ratio Lower Upper

149 100

91 50.9 45.9 68.9

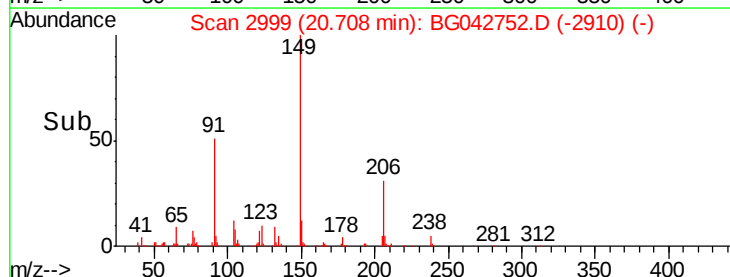
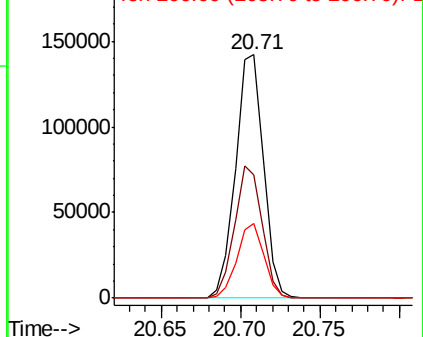
206 30.8 22.5 33.7



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: 39.651 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

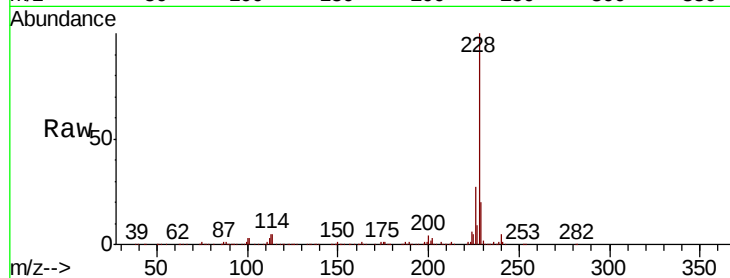
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 503288

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.4	35.2
229	20.4	17.4	26.2

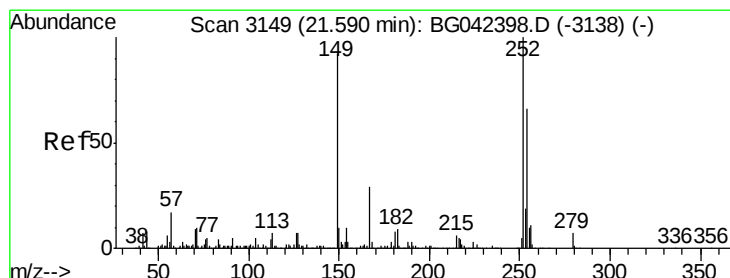
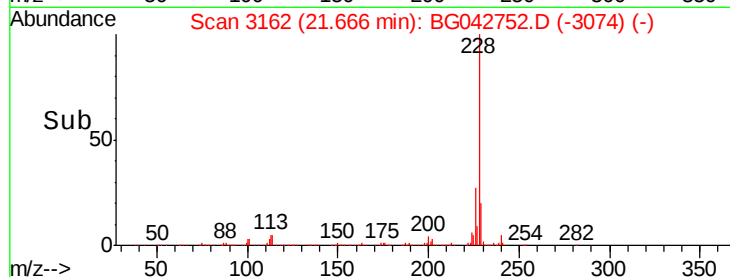
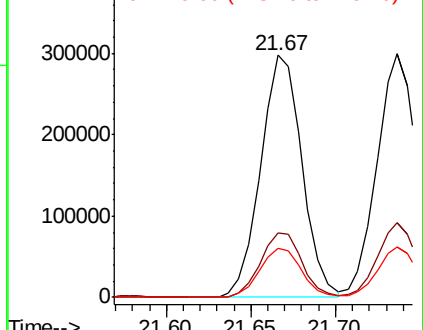


Abundance

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: 32.941 ng

RT: 21.58 min Scan# 3148

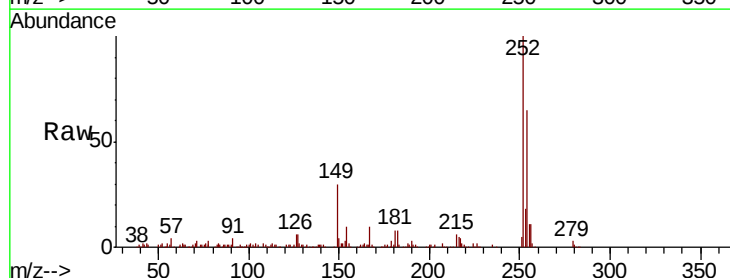
Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Tgt Ion:252 Resp: 168161

Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.0	79.4
126	5.6	5.7	8.5#

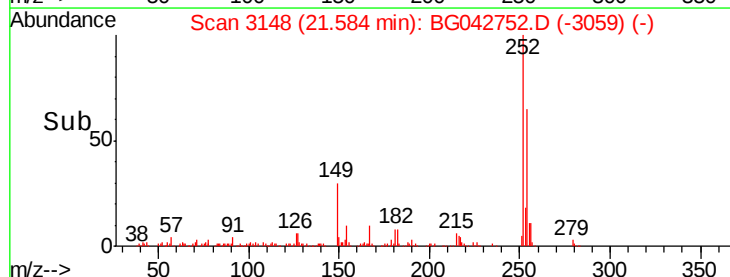
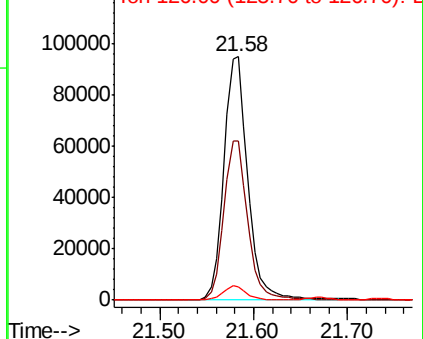


Abundance

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: 40.262 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

Instrument :

BNA_G

ClientSampleId :

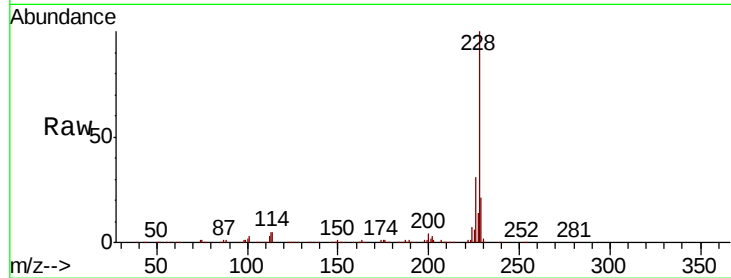
Tot Ion:228 Resp: 492854

Ion Ratio Lower Upper

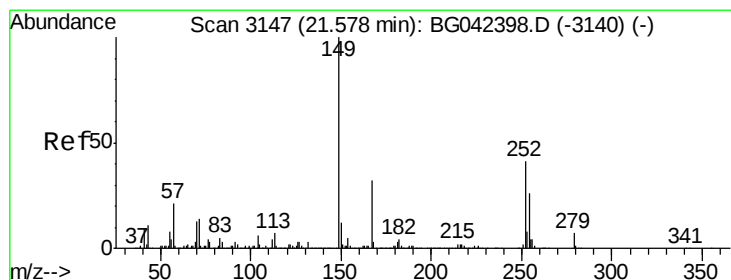
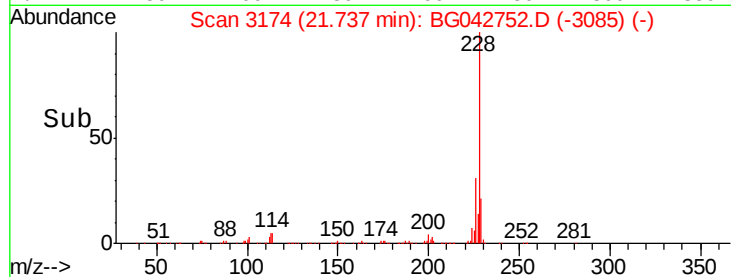
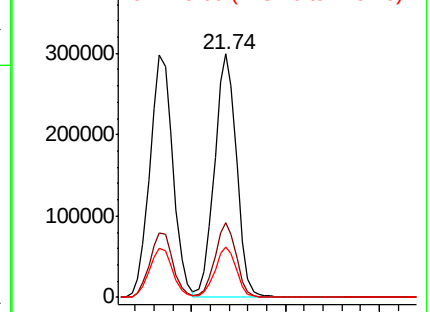
228 100

226 30.7 24.9 37.3

229 20.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.100 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042752.D

Acq: 6 Sep 2019 17:33

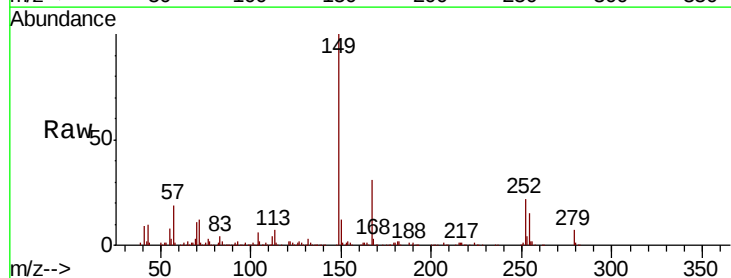
Tgt Ion:149 Resp: 245213

Ion Ratio Lower Upper

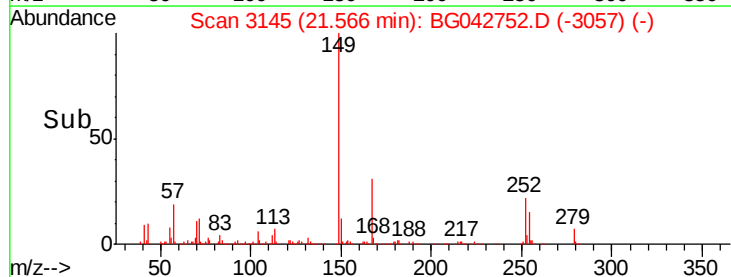
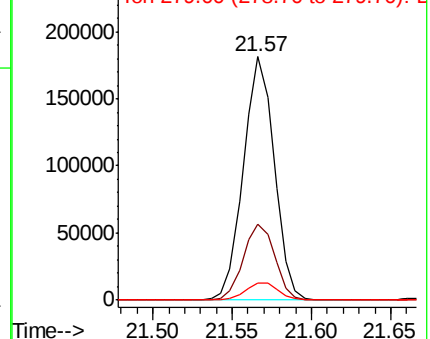
149 100

167 31.2 26.0 39.0

279 6.9 5.4 8.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

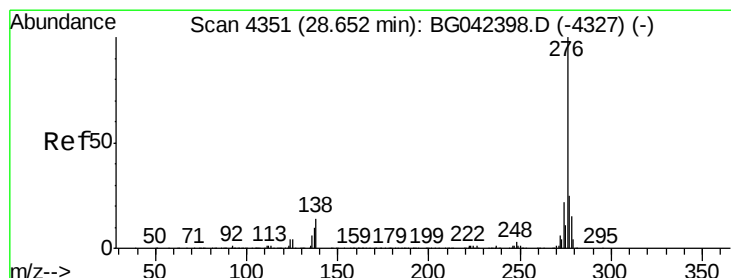
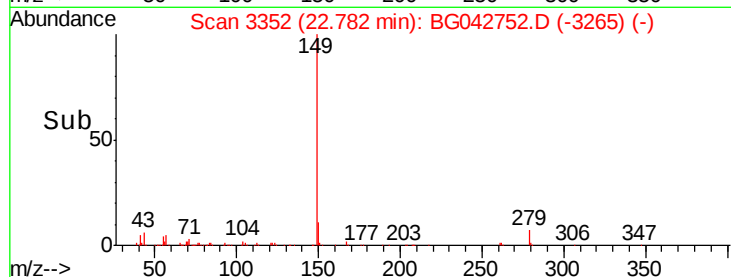
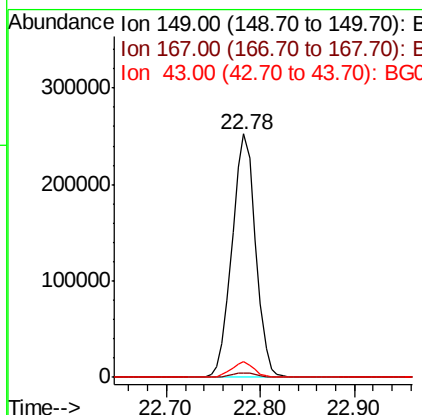
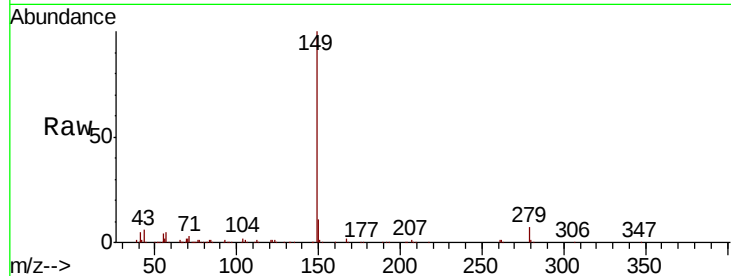




#85
Di-n-octyl phthalate
Concen: 36.514 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

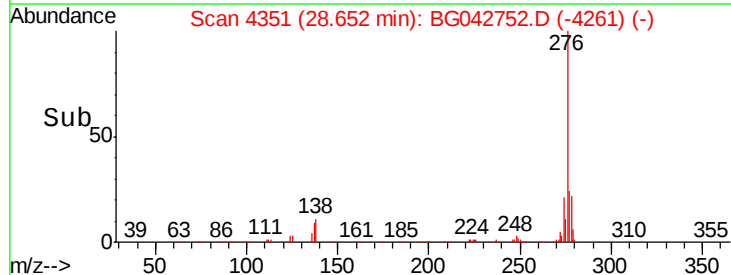
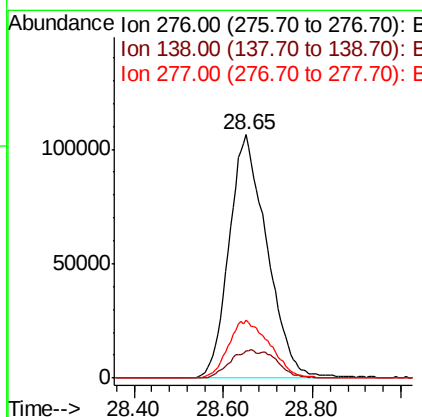
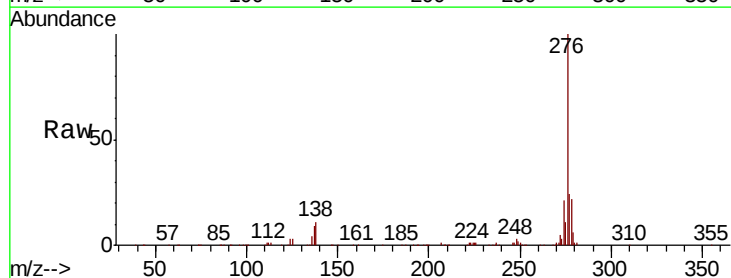
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.2	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.713 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.0	9.2	13.8#
277	26.0	21.0	31.6



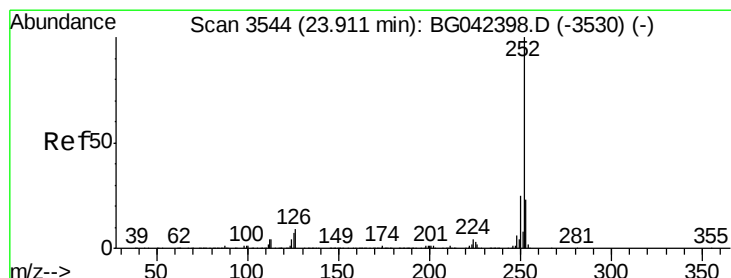
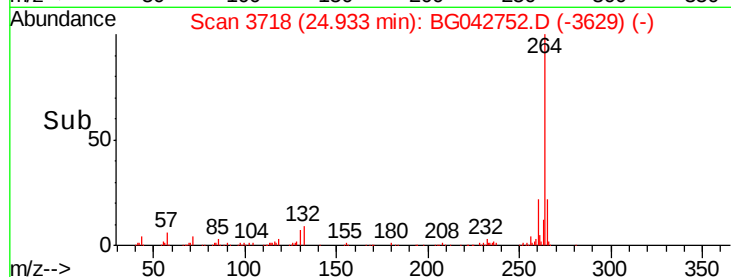
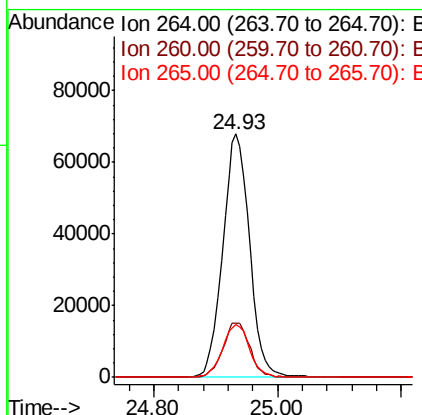
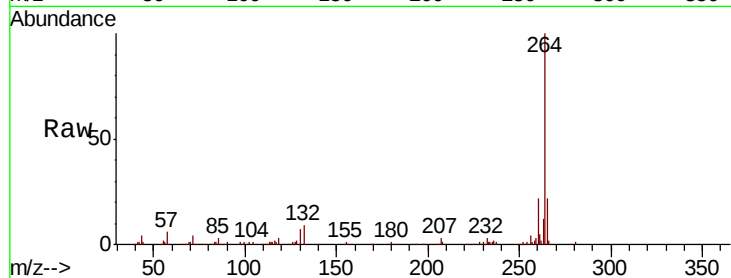


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 204033

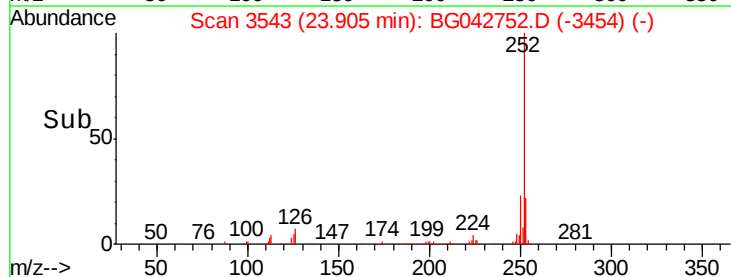
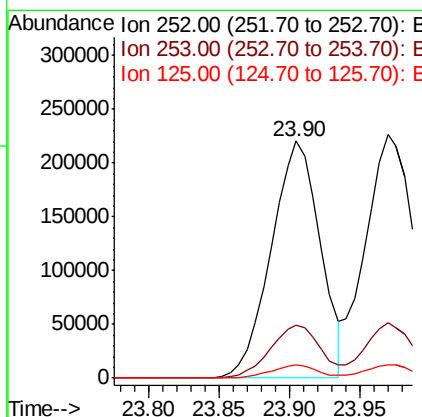
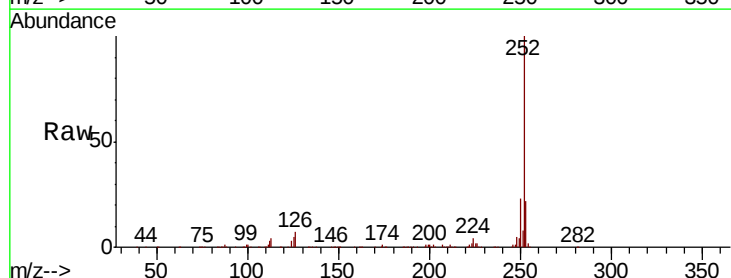
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.5	27.7
265	21.7	17.6	26.4

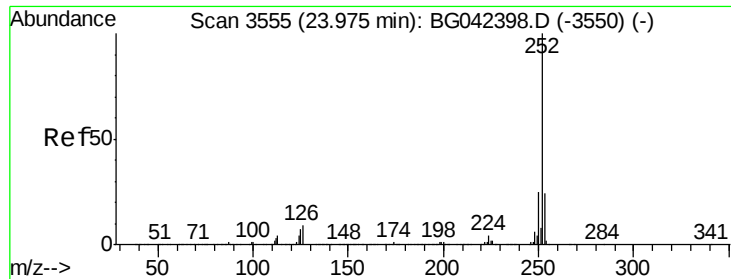


#88
Benzo(b)fluoranthene
Concen: 47.539 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion:252 Resp: 533248

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	5.4	5.6	8.4#

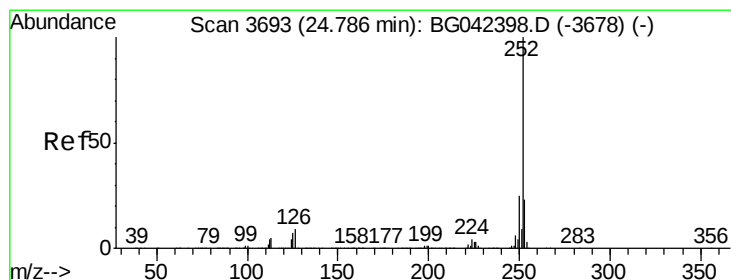
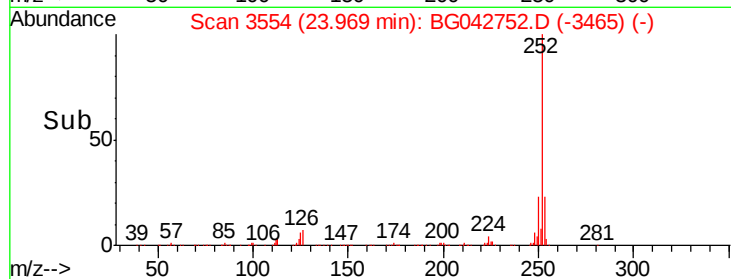
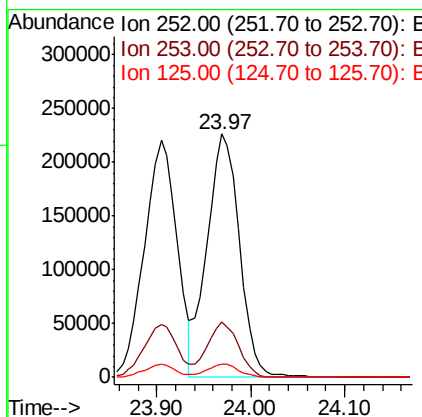
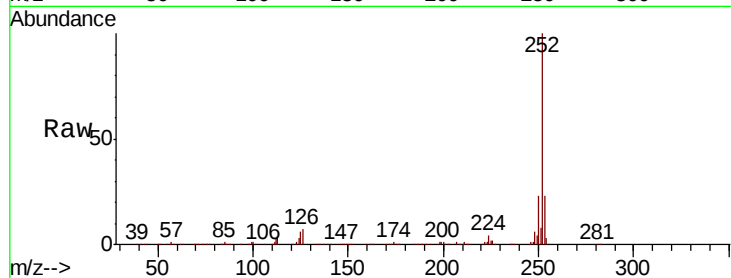




#89
Benzo(k)fluoranthene
Concen: 50.441 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

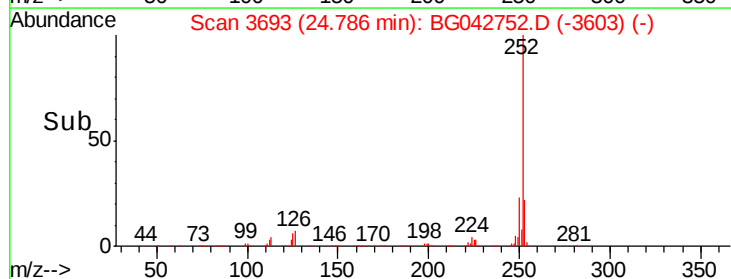
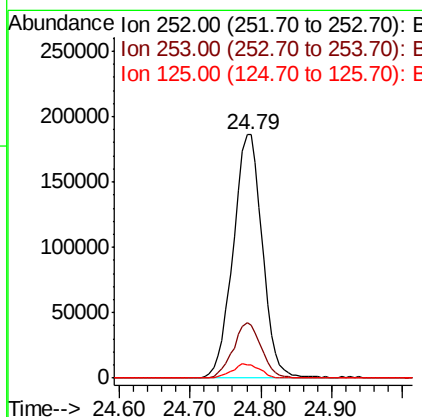
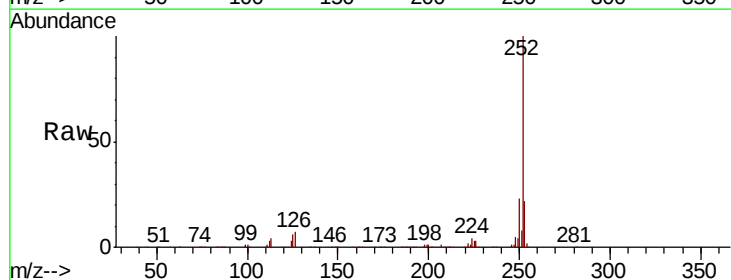
Instrument :
BNA_G
ClientSampleId :

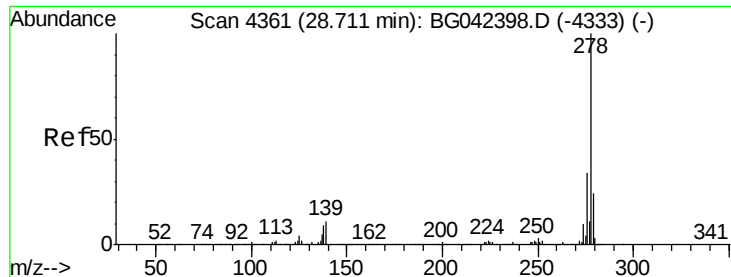
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	5.5	5.8	8.6



#90
Benzo(a)pyrene
Concen: 50.184 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	5.6	6.0	9.0

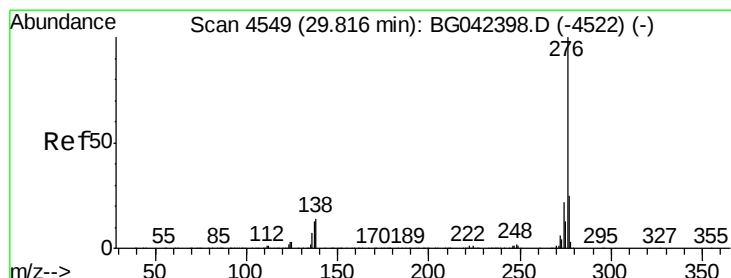
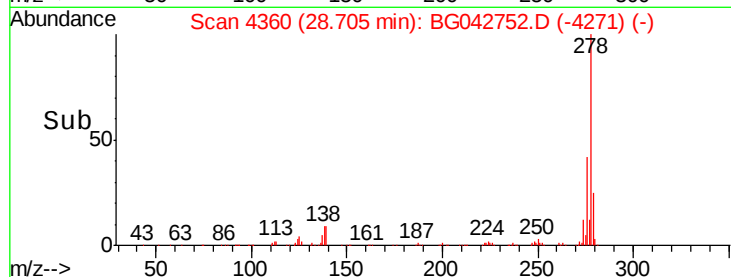
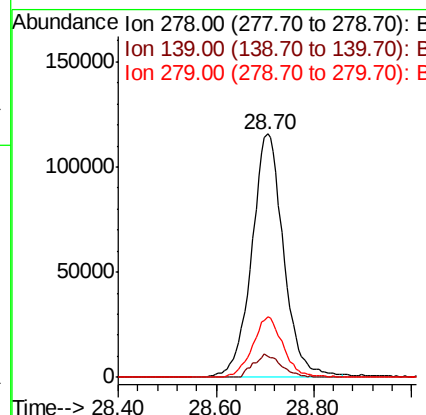
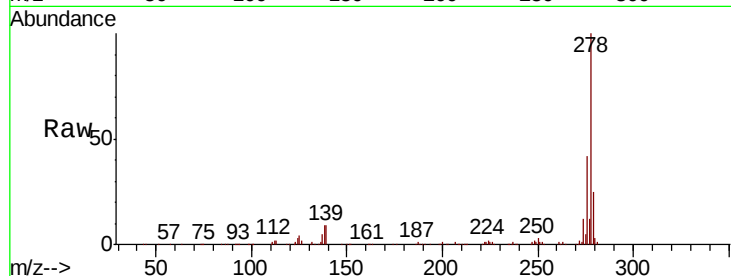




#91
Dibenzo(a,h)anthracene
Concen: 48.982 ng
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.8	13.2#
279	24.7	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 49.025 ng
RT: 29.80 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042752.D
Acq: 6 Sep 2019 17:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	12.2	11.4	17.0

