

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038752.D
 Acq On : 20 Dec 2018 7:36
 Operator : JU/SJ
 Sample : J6425-10MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 20 11:06:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24787	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	98477	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	64523	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163597	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164519	20.00	ng	0.00
87) Perylene-d12	25.02	264	179959	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	173978	124.49	ng	0.00
7) Phenol-d6	7.21	99	214766	111.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	161308	83.68	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	133743	150.40	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	399915	85.03	ng	0.00
79) Terphenyl-d14	20.04	244	775872	102.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	19422	29.861	ng	94
3) Pyridine	3.89	79	47005	26.249	ng	90
4) n-Nitrosodimethylamine	3.82	42	35542	40.507	ng	# 95
6) Aniline	7.38	93	35301	14.414	ng	98
8) 2-Chlorophenol	7.62	128	70318	43.480	ng	95
9) Benzaldehyde	7.20	77	23151	18.602	ng	98
10) Phenol	7.24	94	84780	41.595	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	61929	38.163	ng	94
12) 1,3-Dichlorobenzene	7.94	146	74921	39.181	ng	96
13) 1,4-Dichlorobenzene	8.09	146	75760	38.684	ng	98
14) 1,2-Dichlorobenzene	8.41	146	72359	39.192	ng	96
15) Benzyl Alcohol	8.30	79	64030	42.759	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	132503	35.645	ng	97
17) 2-Methylphenol	8.49	107	61887	45.319	ng	98
18) Hexachloroethane	9.13	117	25894	36.184	ng	88
19) n-Nitroso-di-n-propylamine	8.86	70	52495	38.959	ng	96
20) 3+4-Methylphenols	8.82	107	88951	47.165	ng	97
22) Acetophenone	8.89	105	106501	43.297	ng	# 100
24) Nitrobenzene	9.28	77	87769	45.009	ng	99
25) Isophorone	9.79	82	149613	43.198	ng	98
26) 2-Nitrophenol	9.99	139	42035	42.116	ng	95
27) 2,4-Dimethylphenol	10.03	122	69635	48.682	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	85244	43.614	ng	96
29) 2,4-Dichlorophenol	10.52	162	80119	50.348	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	84049	43.727	ng	93
31) Naphthalene	10.93	128	225171	46.407	ng	99
32) Benzoic acid	10.19	122	20254	27.736	ng	89
33) 4-Chloroaniline	11.04	127	22551	10.705	ng	94
34) Hexachlorobutadiene	11.18	225	55267	42.493	ng	94
35) Caprolactam	11.83	113	12122	18.407	ng	# 88
36) 4-Chloro-3-methylphenol	12.15	107	80045	44.079	ng	97
37) 2-Methylnaphthalene	12.52	142	170026	49.119	ng	98
38) 1-Methylnaphthalene	12.74	142	166005	49.421	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	104971	43.523	ng	98

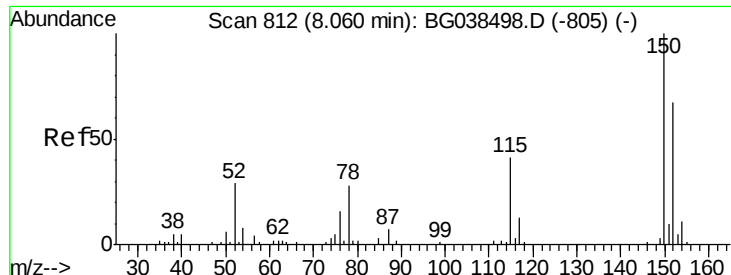
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038752.D
 Acq On : 20 Dec 2018 7:36
 Operator : JU/SJ
 Sample : J6425-10MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 20 11:06:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	110905	83.698	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	72461	48.863	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	75361	47.997	ng	99
46) 1,1'-Biphenyl	13.53	154	226128	41.805	ng	99
47) 2-Chloronaphthalene	13.58	162	184119	44.066	ng	98
48) 2-Nitroaniline	13.79	65	52158	39.191	ng	90
49) Acenaphthylene	14.42	152	295318	47.279	ng	98
50) Dimethylphthalate	14.15	163	239142	45.385	ng	99
51) 2,6-Dinitrotoluene	14.28	165	53830	45.081	ng	98
52) Acenaphthene	14.76	154	171056	45.797	ng	98
53) 3-Nitroaniline	14.61	138	23917	19.649	ng	95
54) 2,4-Dinitrophenol	14.82	184	45555	65.147	ng	98
55) Dibenzofuran	15.09	168	292763	45.726	ng	97
56) 4-Nitrophenol	14.92	139	69755	75.540	ng	99
57) 2,4-Dinitrotoluene	15.06	165	76684	45.596	ng	98
58) Fluorene	15.74	166	235304	49.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70328	49.786	ng	97
60) Diethylphthalate	15.50	149	247422	42.774	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	132858	44.890	ng	97
62) 4-Nitroaniline	15.77	138	46514	37.118	ng	95
63) Azobenzene	16.02	77	207537	42.949	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	45494	38.983	ng	91
66) n-Nitrosodiphenylamine	15.94	169	216062	44.949	ng	96
67) 4-Bromophenyl-phenylether	16.63	248	89710	44.900	ng	95
68) Hexachlorobenzene	16.74	284	94954	45.846	ng	99
69) Atrazine	16.89	200	87756	49.194	ng	96
70) Pentachlorophenol	17.09	266	94331	77.002	ng	96
71) Phenanthrene	17.48	178	406363	47.900	ng	99
72) Anthracene	17.58	178	412672	49.274	ng	100
73) Carbazole	17.85	167	364808	44.044	ng	98
74) Di-n-butylphthalate	18.38	149	421043	44.301	ng	99
75) Fluoranthene	19.49	202	502263	47.850	ng	96
77) Benzidine	19.67	184	54827	11.269	ng	97
78) Pyrene	19.86	202	503268	46.305	ng	100
80) Butylbenzylphthalate	20.72	149	186948	44.027	ng	99
81) Benzo(a)anthracene	21.70	228	490642	48.942	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	77362	19.458	ng	99
83) Chrysene	21.77	228	455337	47.156	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	263995	43.836	ng	99
85) Di-n-octyl phthalate	22.79	149	450731	44.689	ng	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	565144	49.783	ng	# 75
88) Benzo(b)fluoranthene	23.96	252	501406	50.747	ng	99
89) Benzo(k)fluoranthene	24.03	252	476821	48.463	ng	98
90) Benzo(a)pyrene	24.86	252	481178	50.480	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	468728	49.387	ng	99
92) Benzo(g,h,i)perylene	30.00	276	461009	49.289	ng	97

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

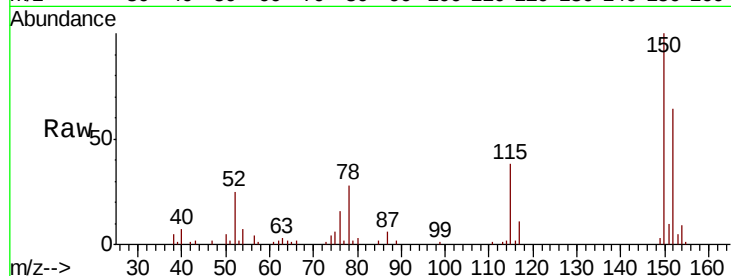


#1

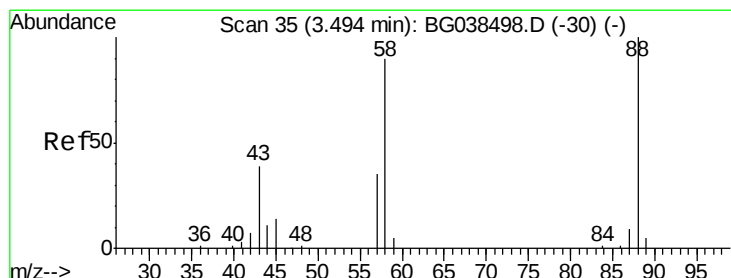
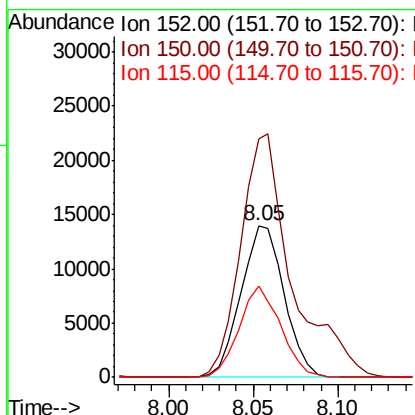
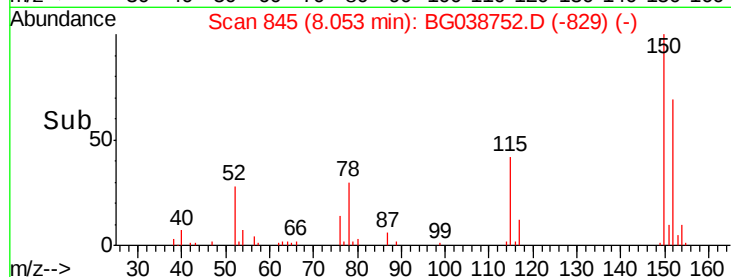
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24787
Ion Ratio Lower Upper
152 100
150 157.0 119.5 179.3
115 60.2 49.6 74.4



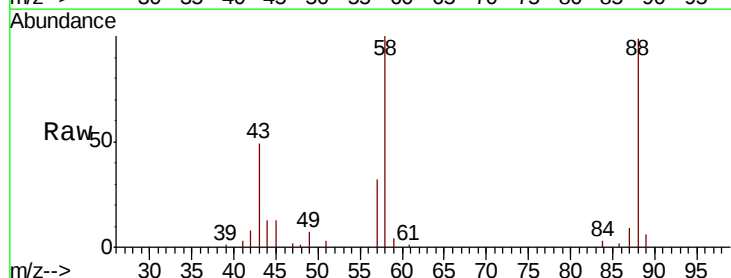
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



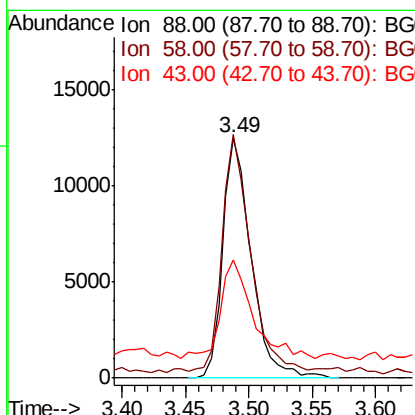
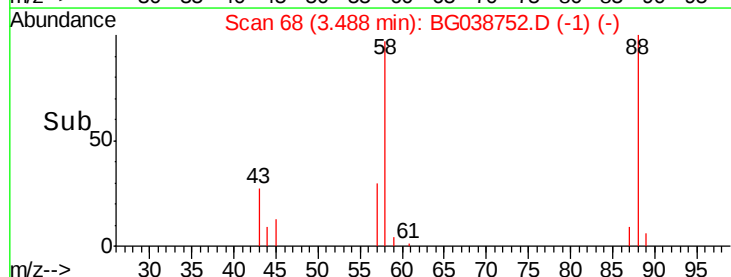
#2

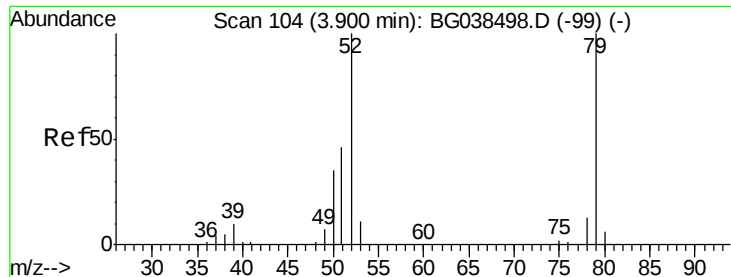
1,4-Dioxane
Concen: 29.861 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion: 88 Resp: 19422
Ion Ratio Lower Upper
88 100
58 98.1 75.7 113.5
43 47.3 31.6 47.4



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: 26.249 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

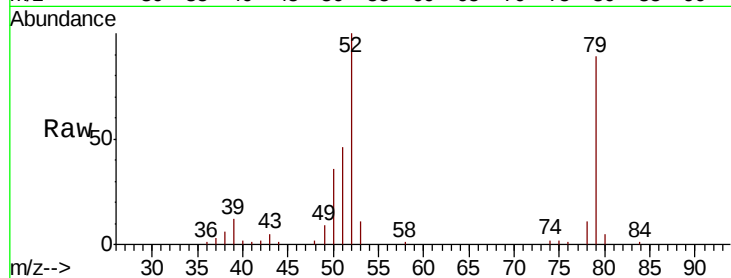
Tot Ion: 79 Resp: 47005

Ion Ratio Lower Upper

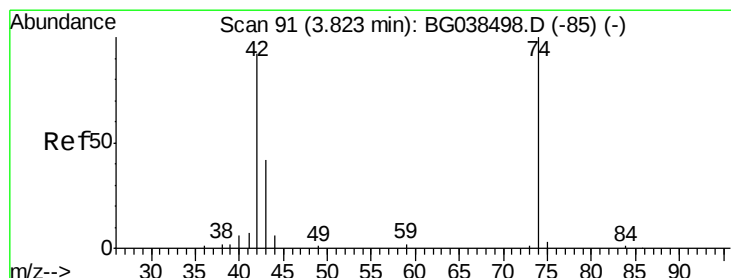
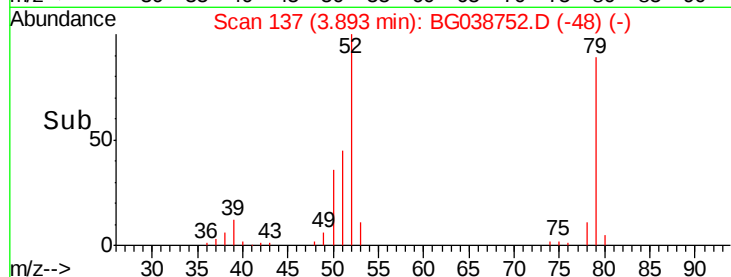
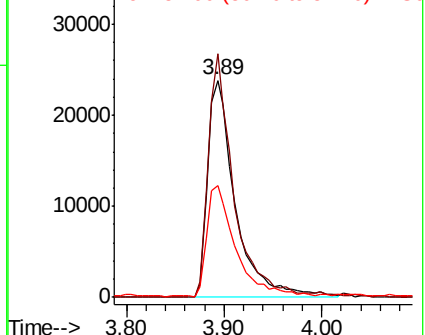
79 100

52 112.1 80.2 120.2

51 51.6 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 40.507 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

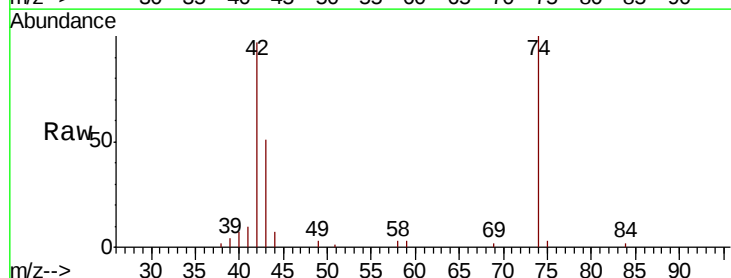
Tgt Ion: 42 Resp: 35542

Ion Ratio Lower Upper

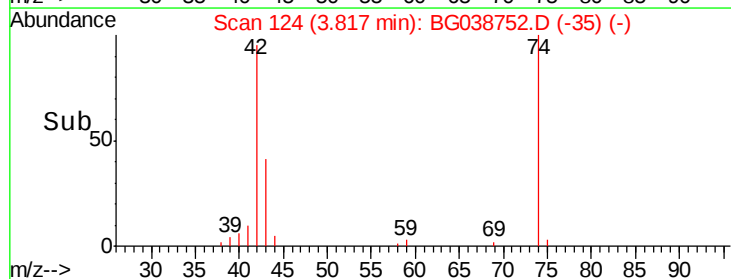
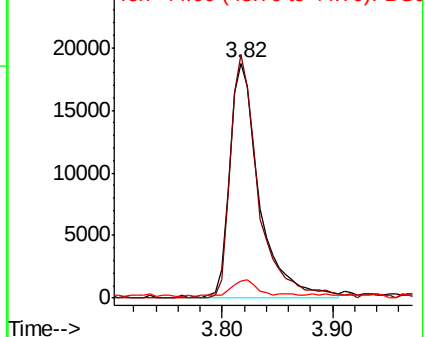
42 100

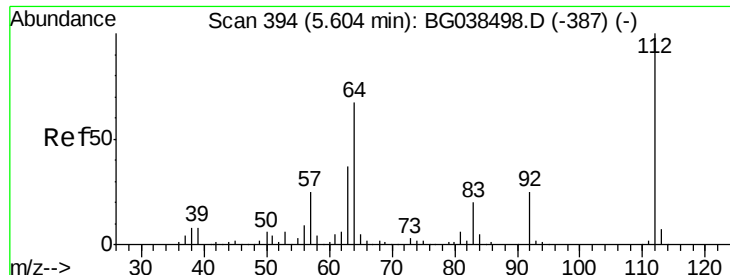
74 103.6 86.7 130.1

44 7.5 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 124.491 ng

RT: 5.61 min Scan# 429

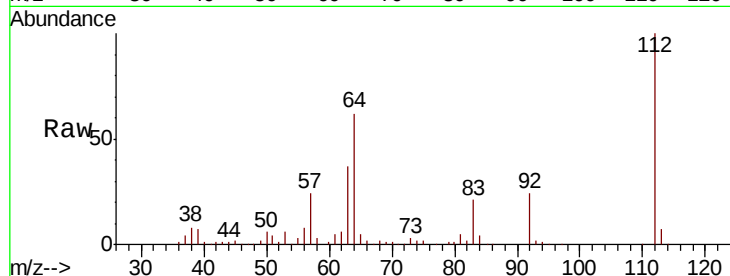
Delta R.T. 0.01 min

Lab File: BG038752.D

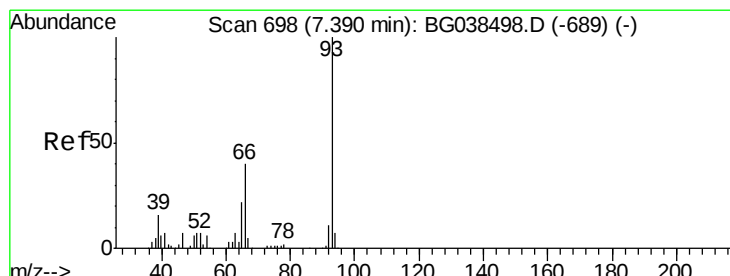
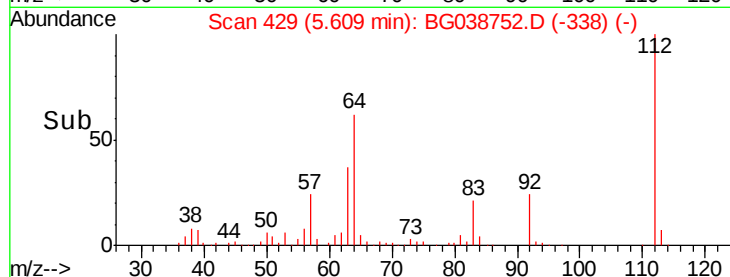
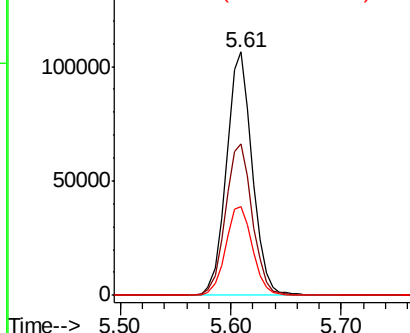
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	173978
Ion	Ratio	Lower	Upper
112	100		
64	62.4	53.4	80.2
63	36.6	29.3	43.9



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: 14.414 ng

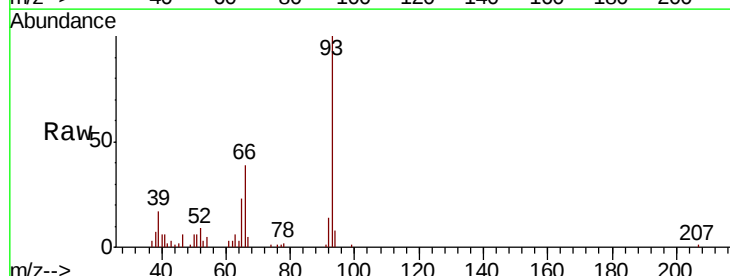
RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

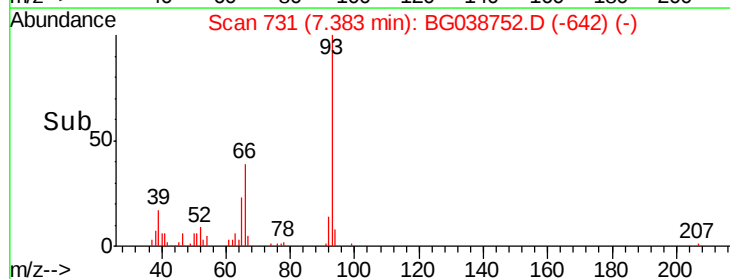
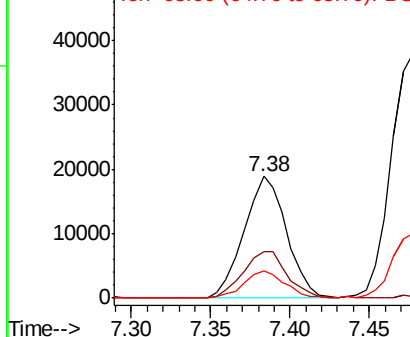
Lab File: BG038752.D

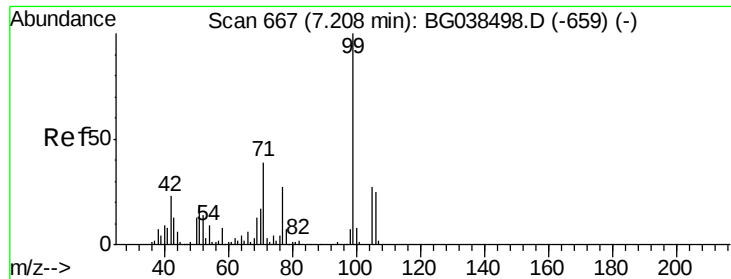
Acq: 20 Dec 2018 7:36

Tgt Ion:	93	Resp:	35301
Ion	Ratio	Lower	Upper
93	100		
66	38.5	31.7	47.5
65	22.9	17.8	26.6



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: 111.944 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

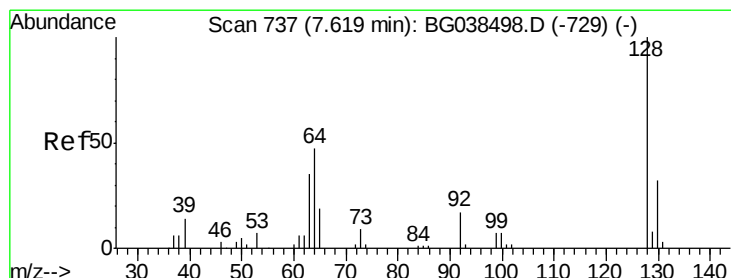
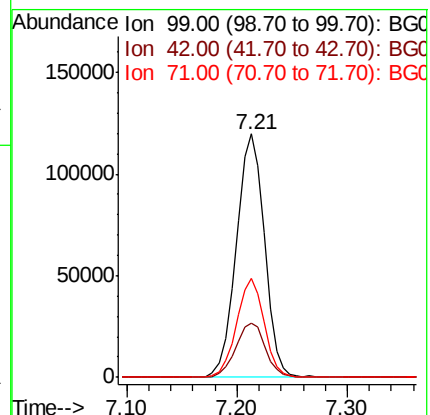
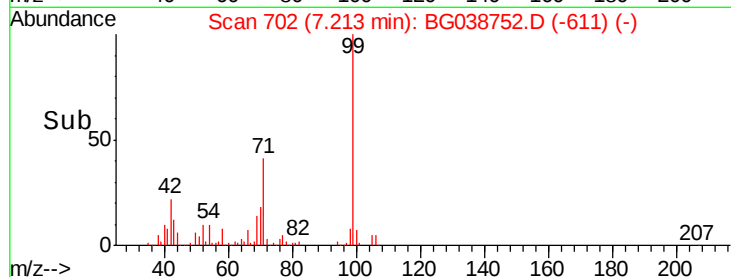
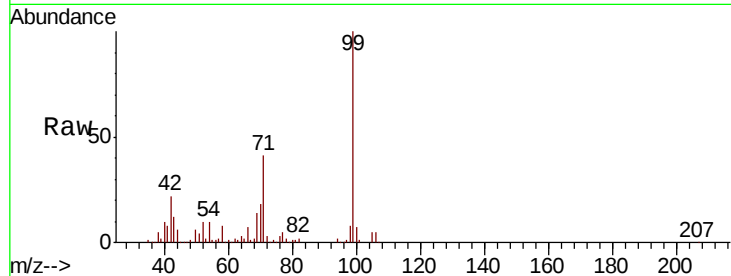
Tot Ion: 99 Resp: 214766

Ion Ratio Lower Upper

99 100

42 22.1 18.5 27.7

71 40.6 31.1 46.7



#8

2-Chlorophenol

Concen: 43.480 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

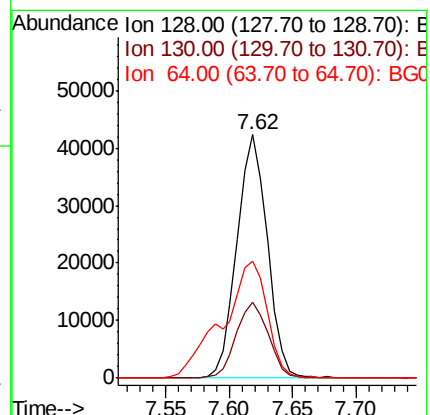
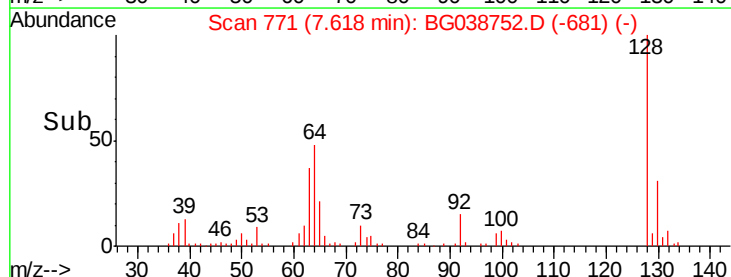
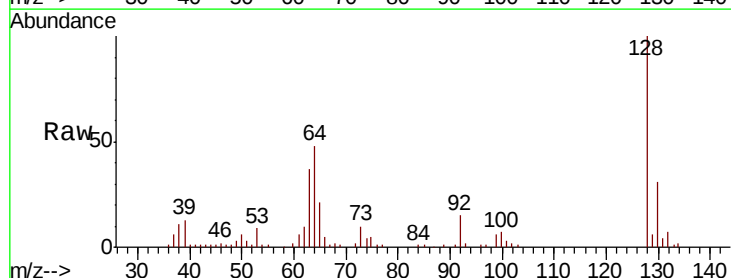
Tgt Ion: 128 Resp: 70318

Ion Ratio Lower Upper

128 100

130 31.0 11.8 51.8

64 47.9 33.2 73.2

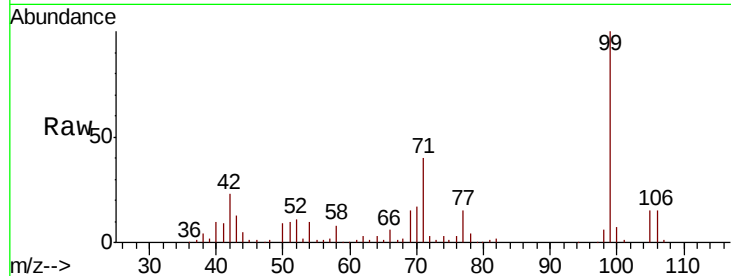




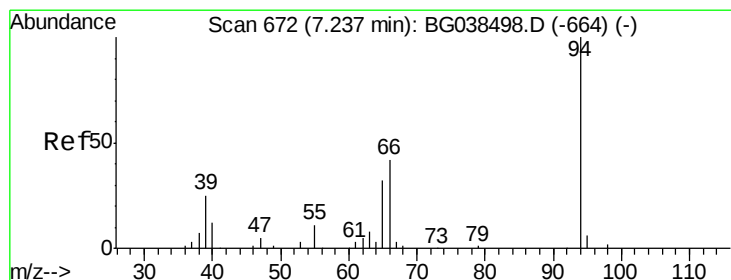
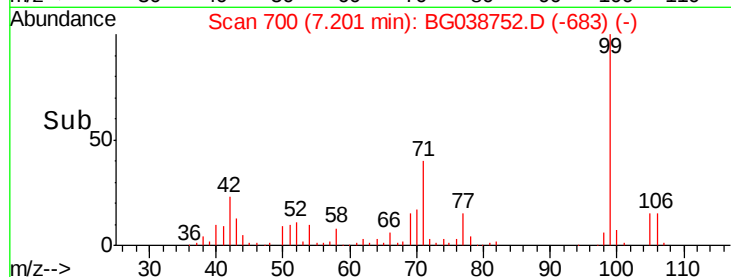
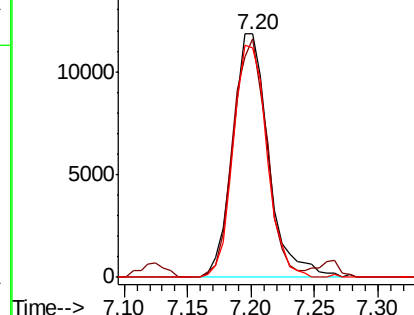
#9
Benzaldehydve
Concen: 18.602 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 23151
Ion Ratio Lower Upper
77 100
105 98.1 74.0 114.0
106 94.5 73.9 113.9

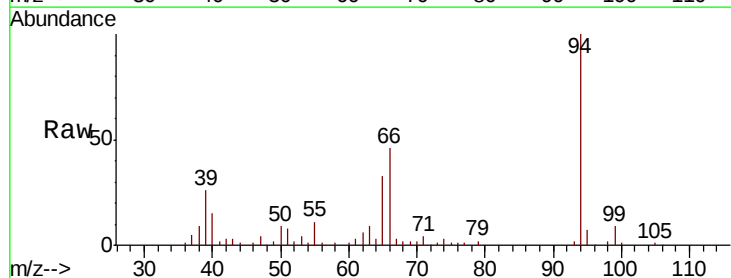


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

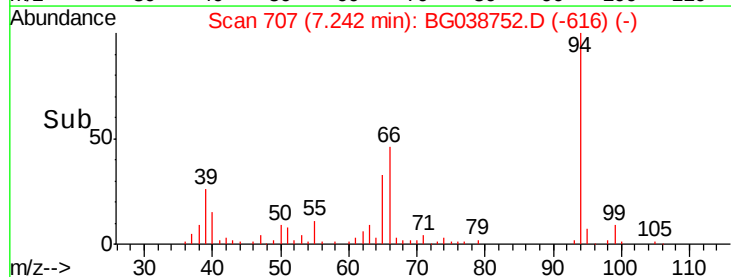
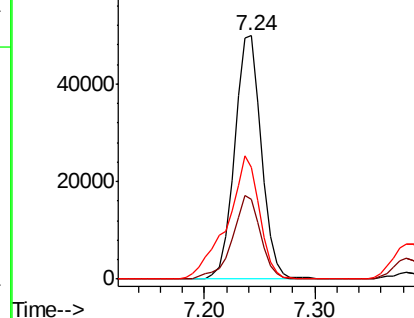


#10
Phenol
Concen: 41.595 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion: 94 Resp: 84780
Ion Ratio Lower Upper
94 100
65 32.9 12.6 52.6
66 45.7 24.1 64.1



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

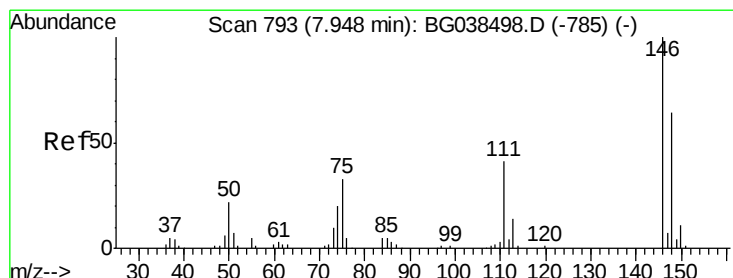
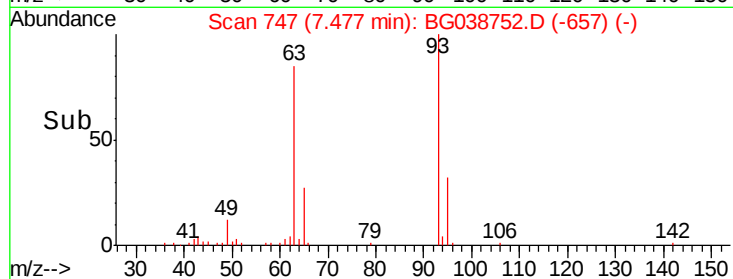
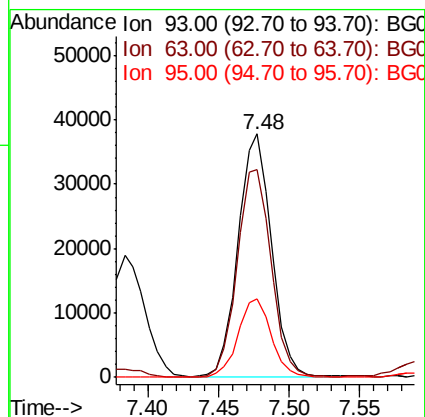
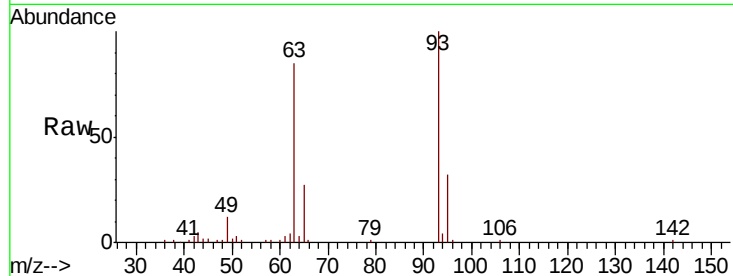




#11
 bis(2-Chloroethyl)ether
 Concen: 38.163 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

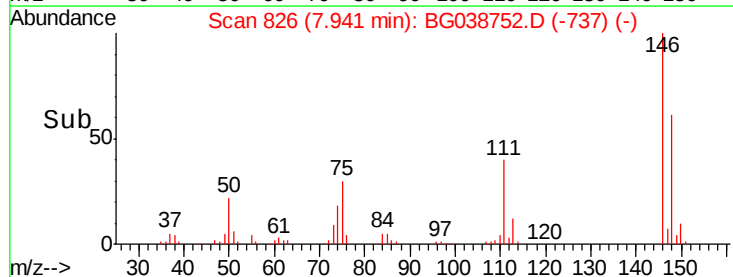
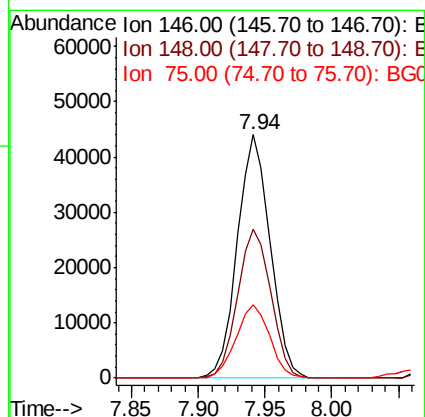
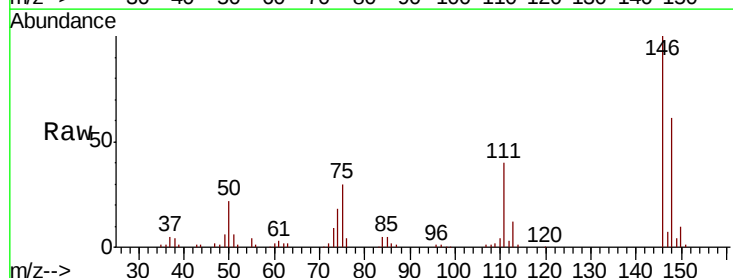
Instrument :
 BNA_G
 ClientSampleId :

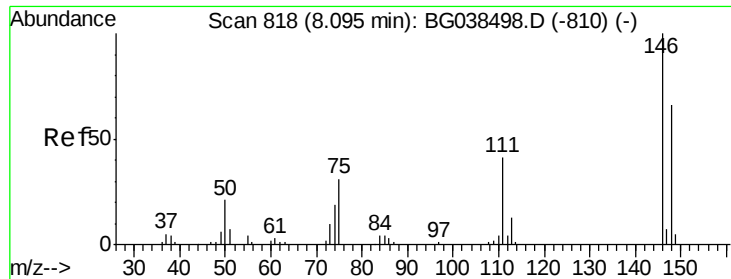
Tot Ion: 93 Resp: 61929
 Ion Ratio Lower Upper
 93 100
 63 85.1 72.2 112.2
 95 32.4 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 39.181 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion: 146 Resp: 74921
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.4 77.0
 75 30.3 26.1 39.1

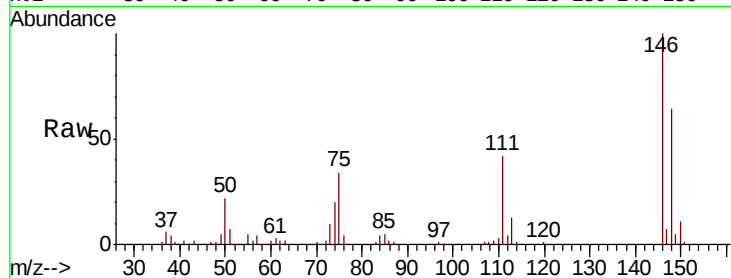




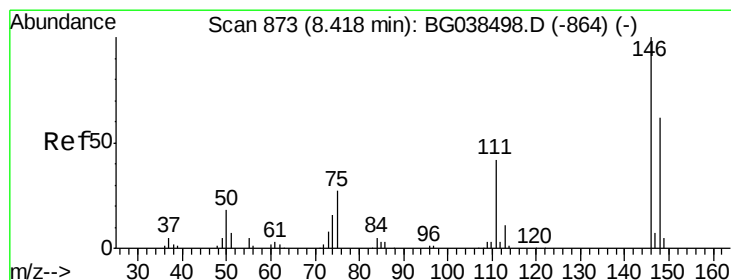
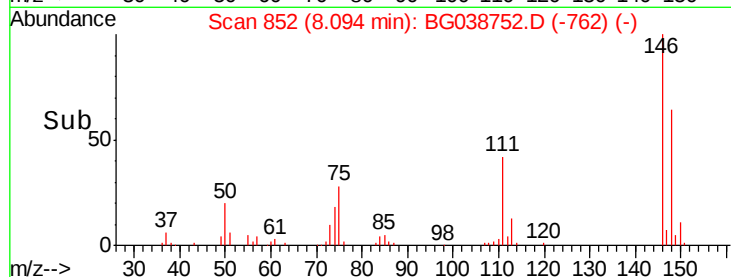
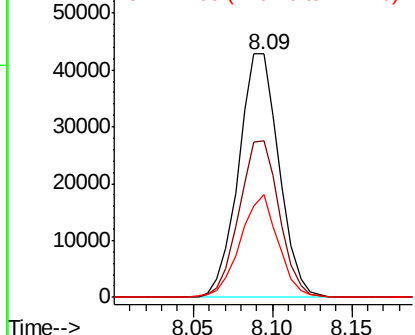
#13
 1,4-Dichlorobenzene
 Concen: 38.684 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 75760
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.4 78.6
 111 42.2 33.0 49.4

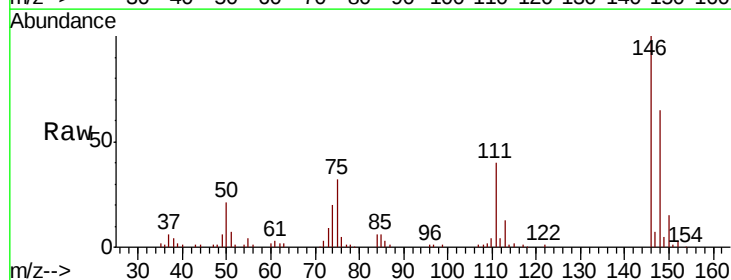


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

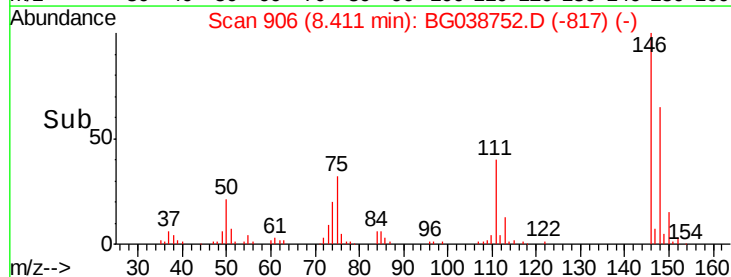
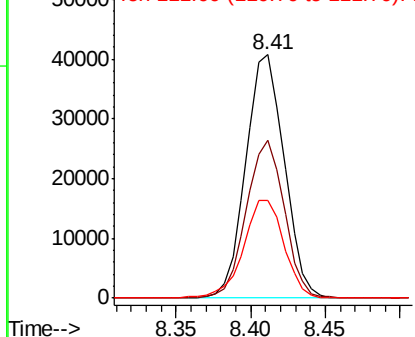


#14
 1,2-Dichlorobenzene
 Concen: 39.192 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion:146 Resp: 72359
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.4 74.0
 111 40.0 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.759 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampled :

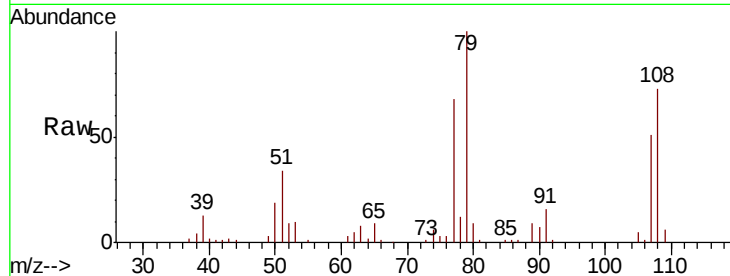
Tot Ion: 79 Resp: 64030

Ion Ratio Lower Upper

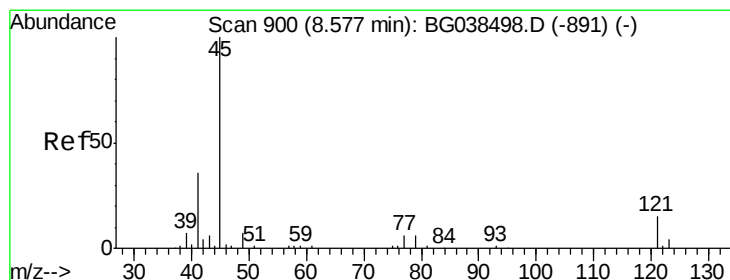
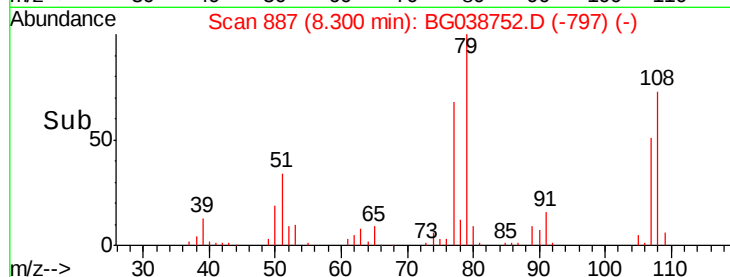
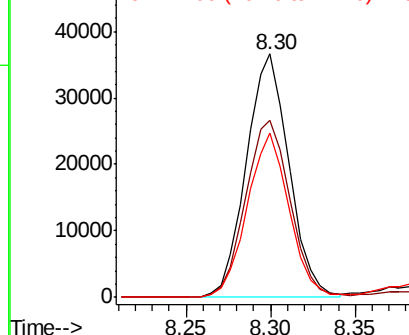
79 100

108 72.5 60.2 90.4

77 67.6 50.7 76.1



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: 35.645 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

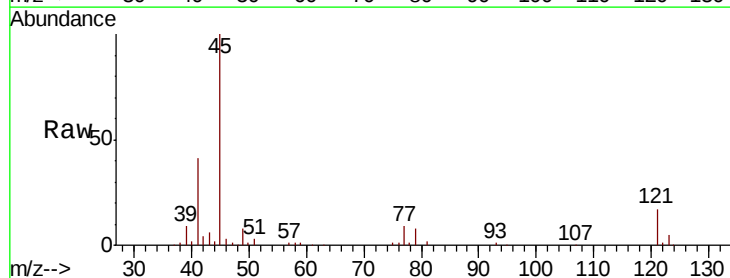
Tgt Ion: 45 Resp: 132503

Ion Ratio Lower Upper

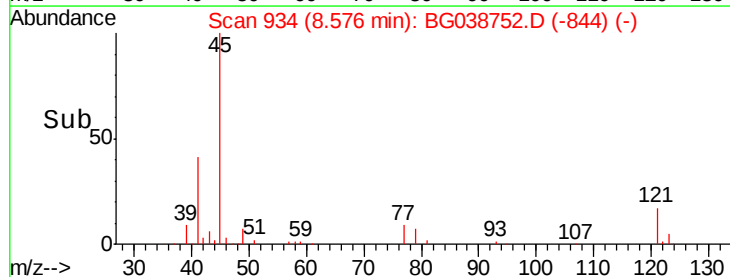
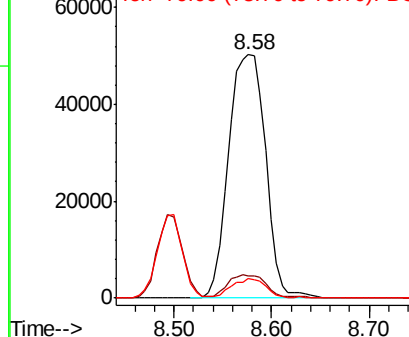
45 100

77 9.3 0.0 28.2

79 8.1 0.0 27.2



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

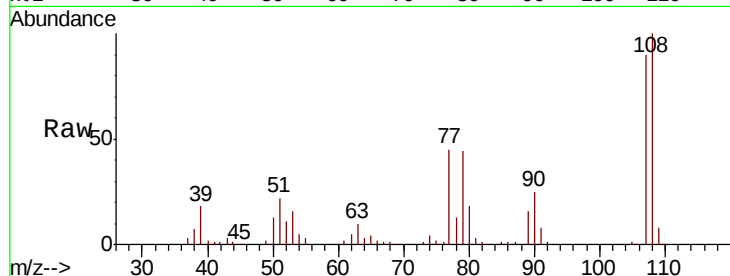




#17
2-Methylphenol
Concen: 45.319 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	87.1	130.7
77	49.4	42.0	63.0
79	48.3	38.2	57.2



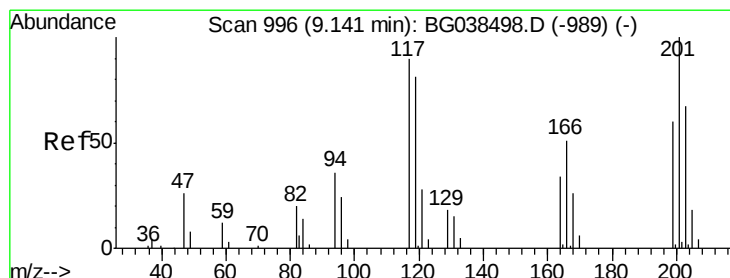
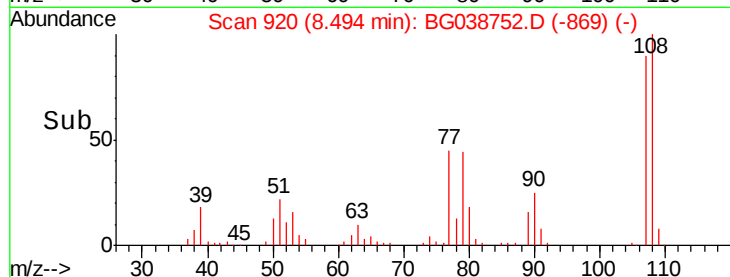
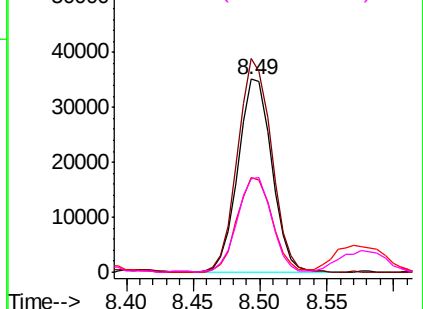
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.184 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

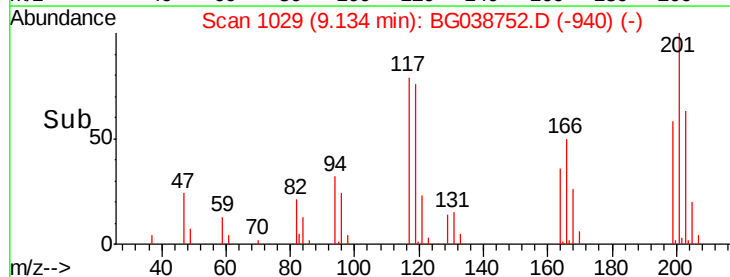
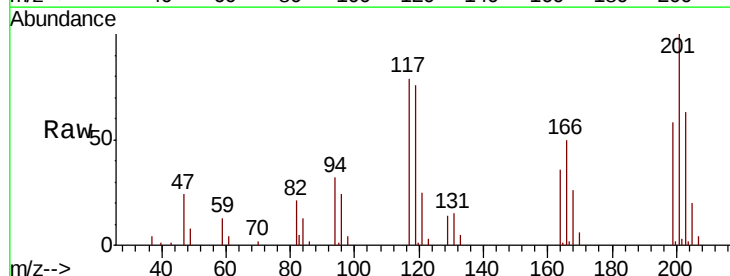
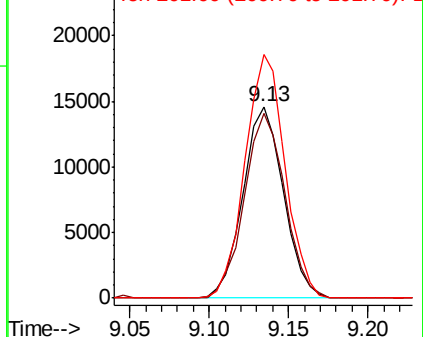
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.8	110.8
201	130.3	89.4	134.0

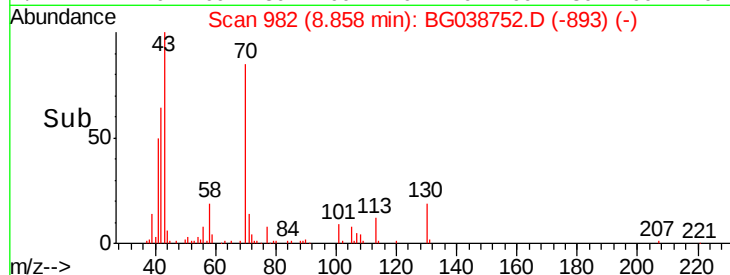
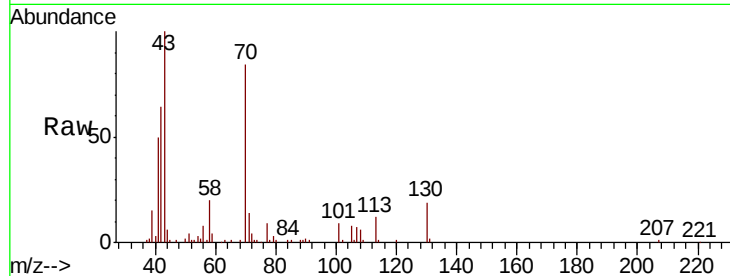
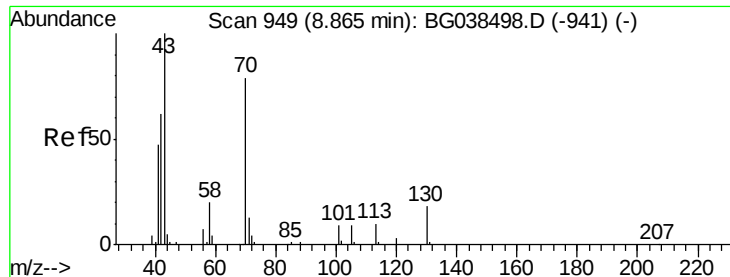
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

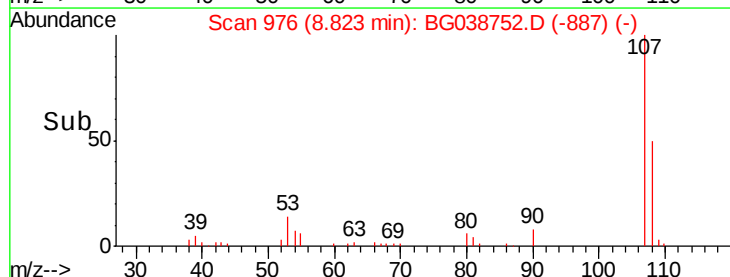
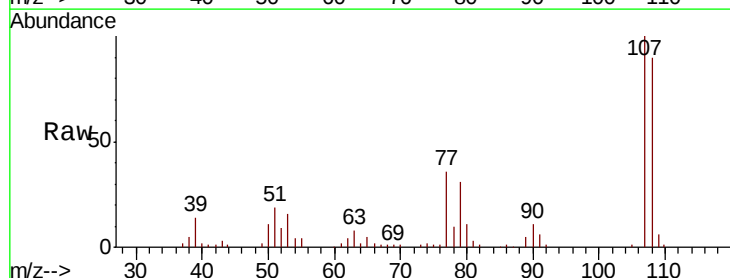
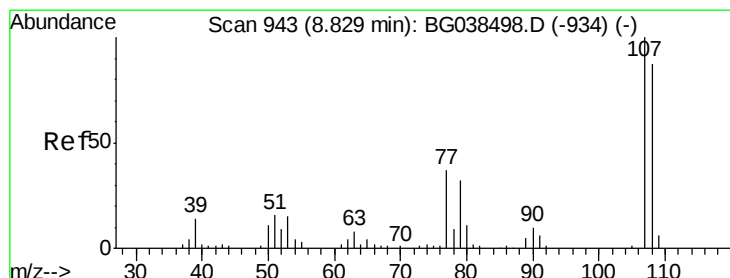
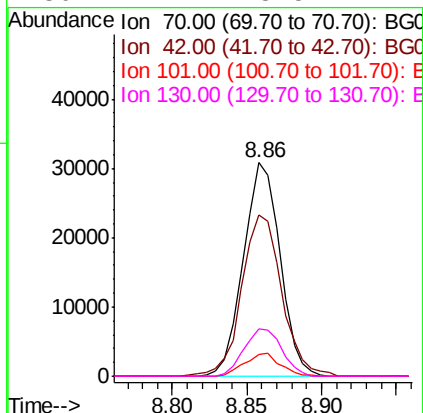




#19
n-Nitroso-di-n-propylamine
Concen: 38.959 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

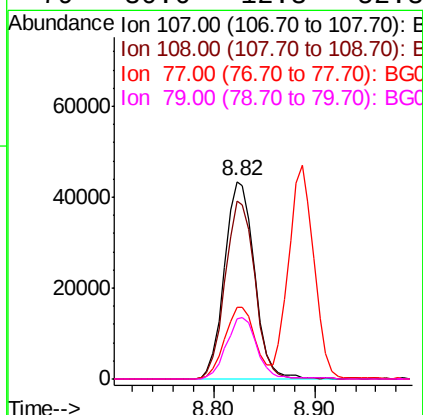
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	52495
Ion	Ratio	Lower	Upper
70	100		
42	75.5	63.6	95.4
101	10.2	9.2	13.8
130	22.4	18.5	27.7



#20
3+4-Methylphenols
Concen: 47.165 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion:	107	Resp:	88951
Ion	Ratio	Lower	Upper
107	100		
108	89.9	66.7	106.7
77	36.2	17.3	57.3
79	30.6	12.3	52.3

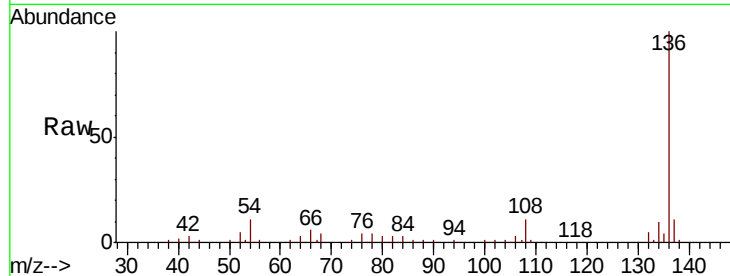




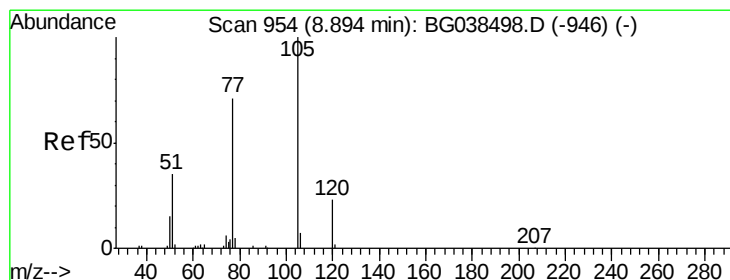
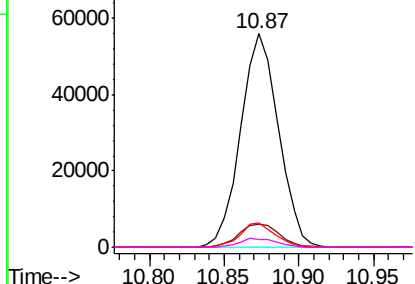
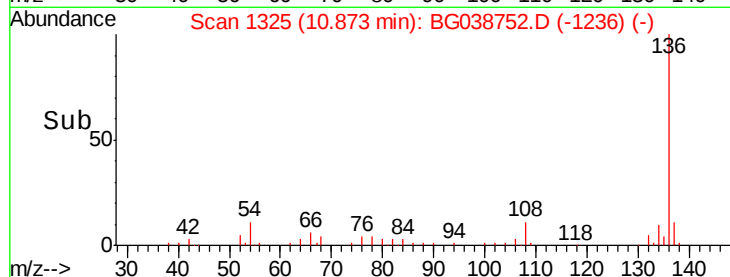
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	98477
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.3 13.9
54	11.3	8.5 12.7
68	3.9	3.5 5.3

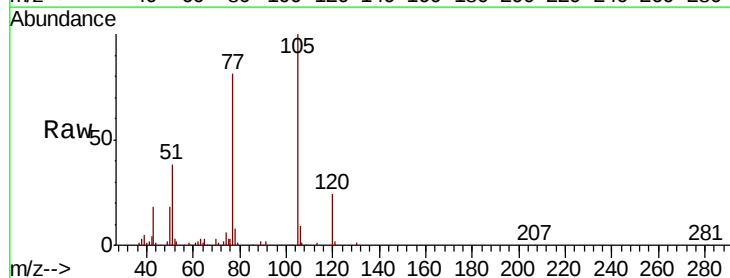


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

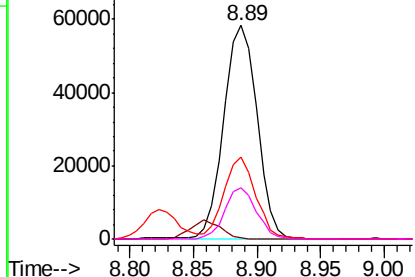
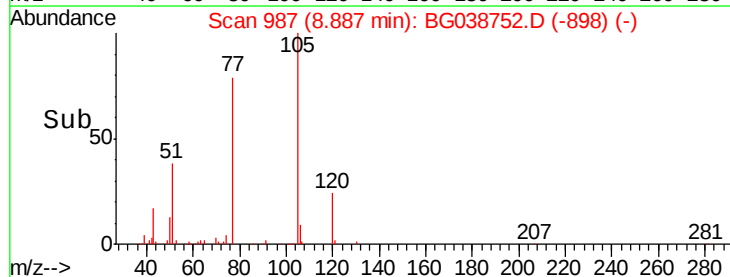


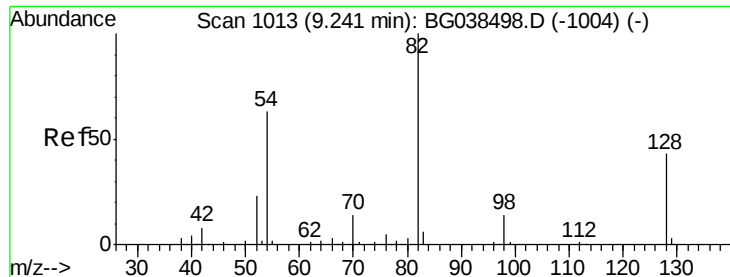
#22
Acetophenone
Concen: 43.297 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion:105	Resp:	106501
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6#
51	38.2	30.6 46.0
120	23.7	18.6 28.0



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

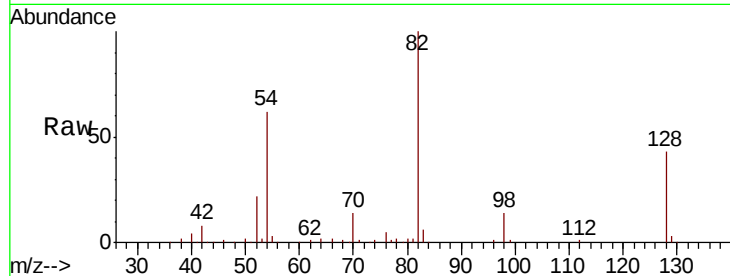




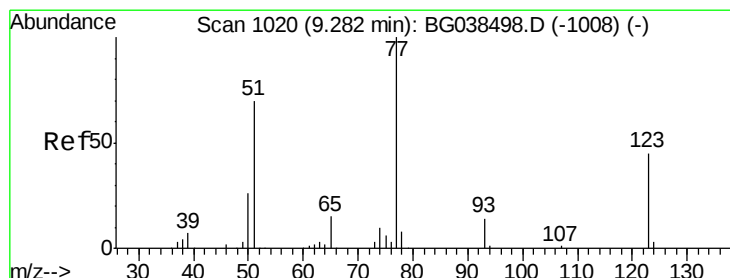
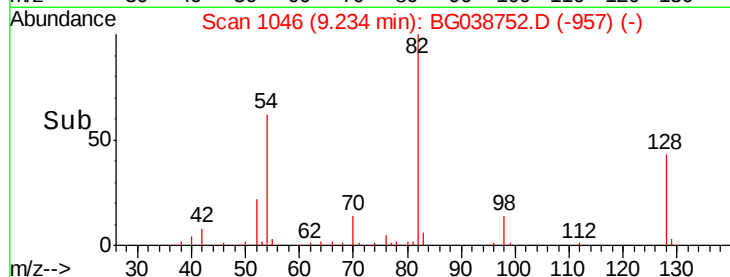
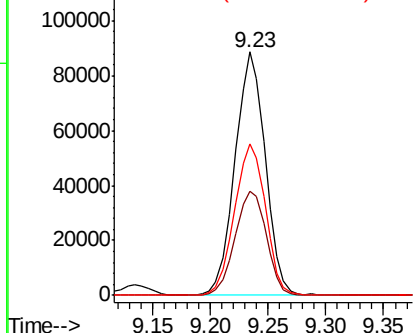
#23
Nitrobenzene-d5
Concen: 83.682 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 161308
Ion Ratio Lower Upper
82 100
128 42.9 34.6 52.0
54 62.3 50.6 76.0

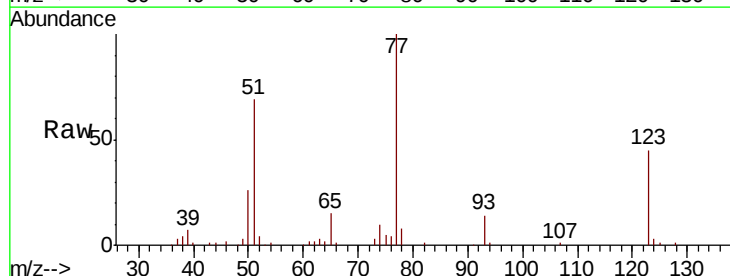


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

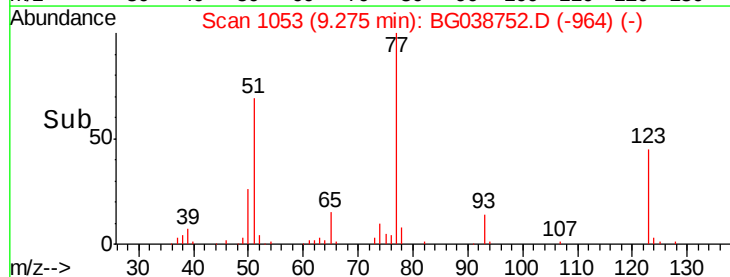
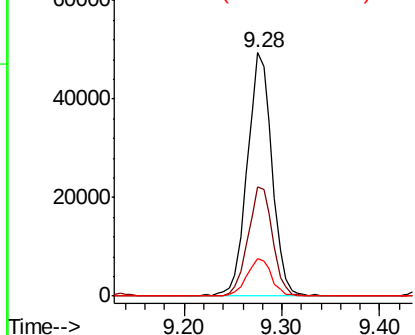


#24
Nitrobenzene
Concen: 45.009 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion: 77 Resp: 87769
Ion Ratio Lower Upper
77 100
123 44.6 35.9 53.9
65 15.5 12.0 18.0



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

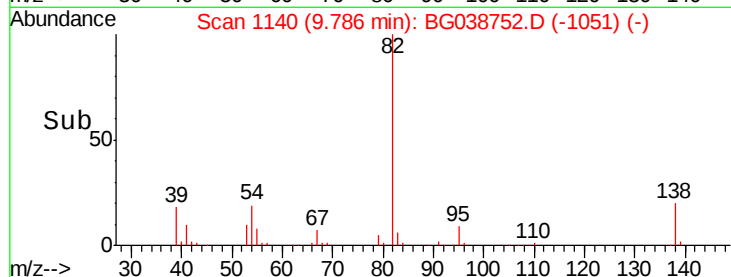
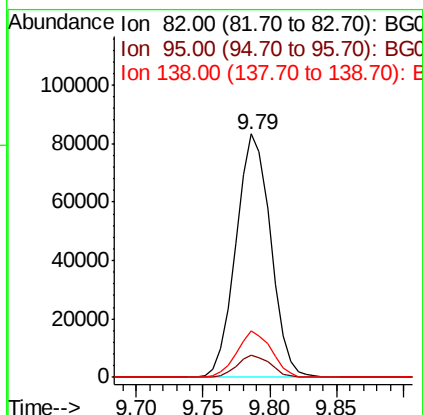
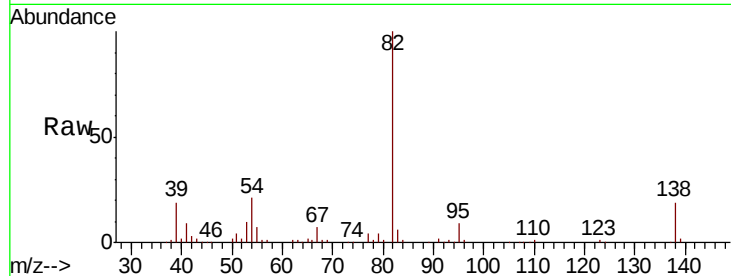




#25
Isophorone
Concen: 43.198 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

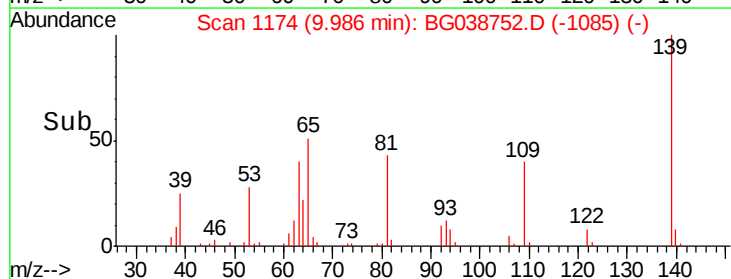
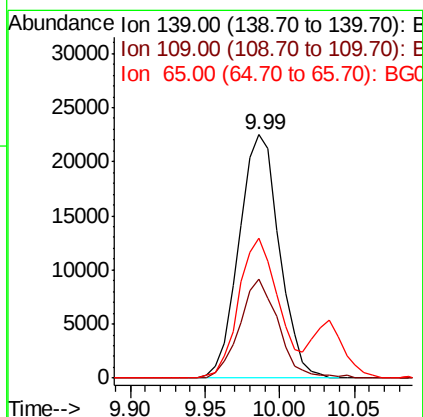
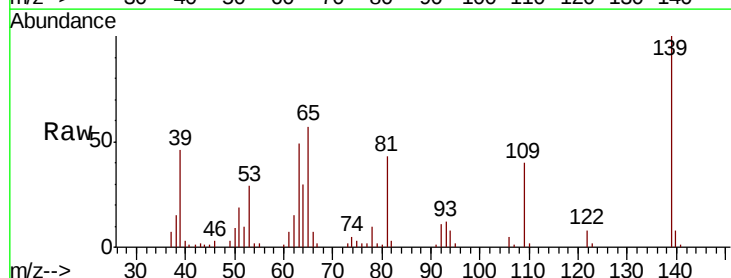
Instrument :
BNA_G
ClientSampleId :

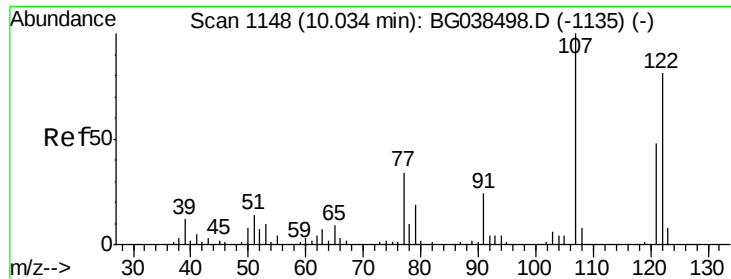
Tot Ion: 82 Resp: 149613
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 19.0 14.9 22.3



#26
2-Nitrophenol
Concen: 42.116 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion: 139 Resp: 42035
Ion Ratio Lower Upper
139 100
109 40.5 29.5 44.3
65 57.5 48.5 72.7

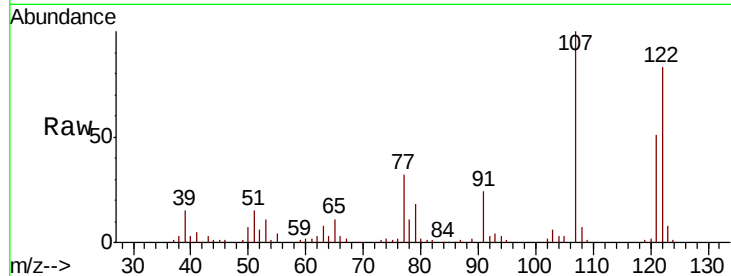




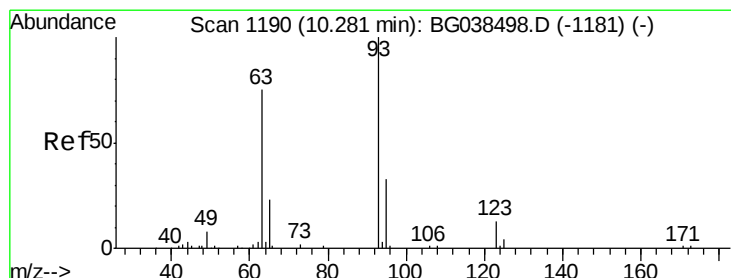
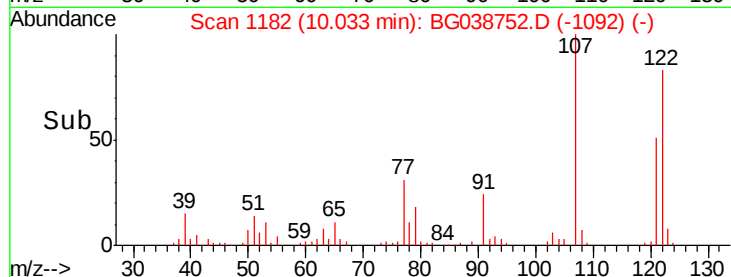
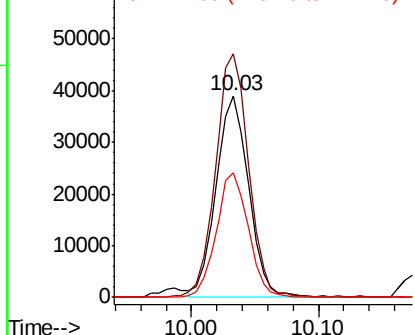
#27
 2,4-Dimethylphenol
 Concen: 48.682 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 69635
 Ion Ratio Lower Upper
 122 100
 107 120.6 98.4 147.6
 121 61.8 47.2 70.8

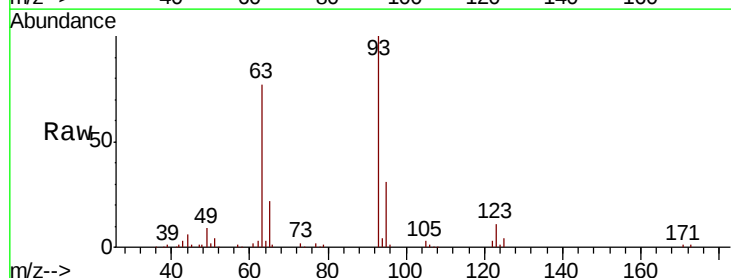


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

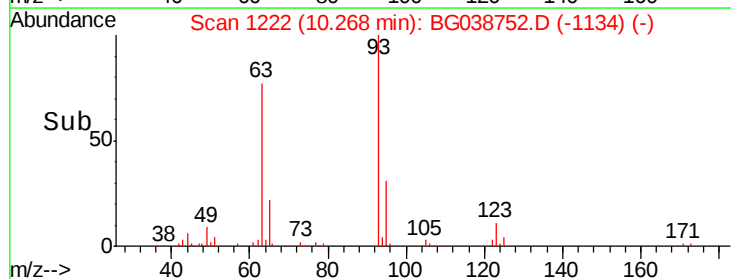
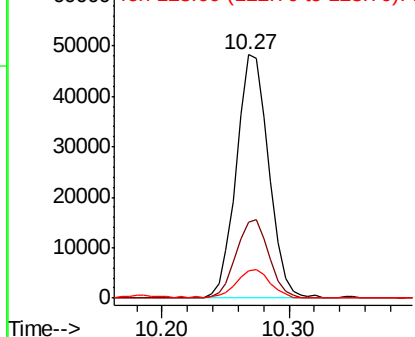


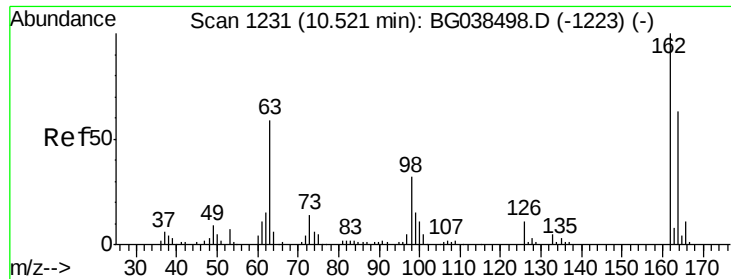
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.614 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion: 93 Resp: 85244
 Ion Ratio Lower Upper
 93 100
 95 31.2 26.6 40.0
 123 11.4 10.6 16.0



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

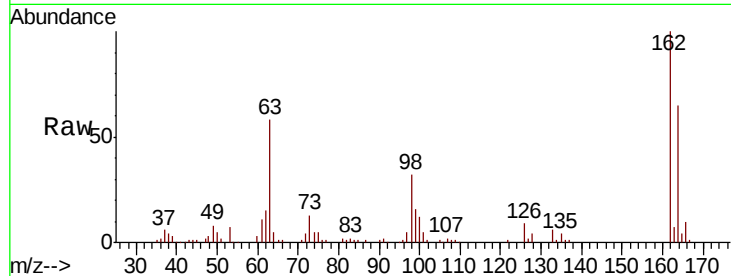




#29
 2,4-Dichlorophenol
 Concen: 50.348 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.9	82.9
98	31.7	12.1	52.1

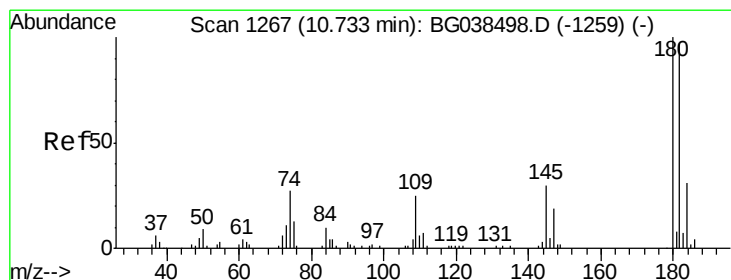
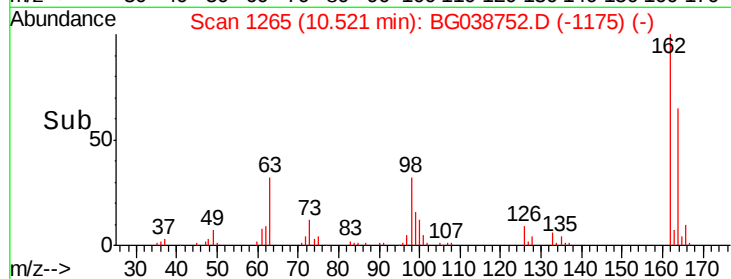
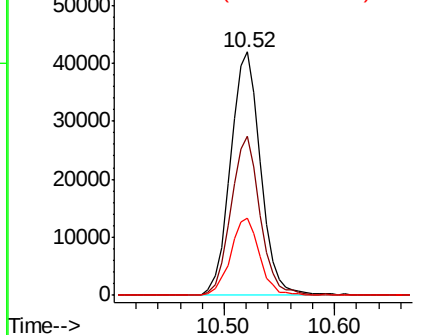


Abundance

Ion 162.00 (161.70 to 162.70): E

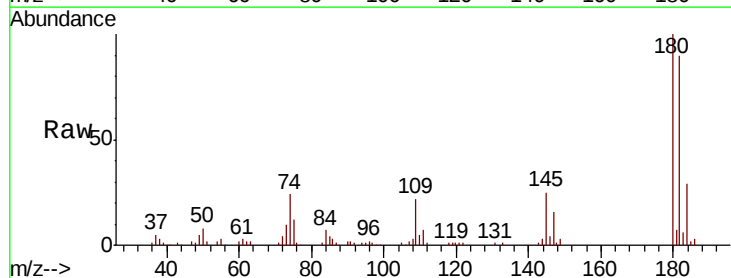
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 43.727 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	77.4	116.0
145	25.1	24.1	36.1

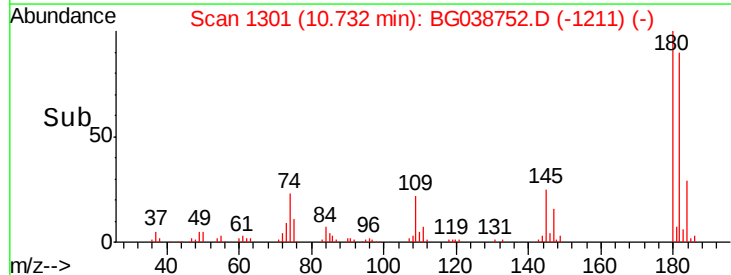
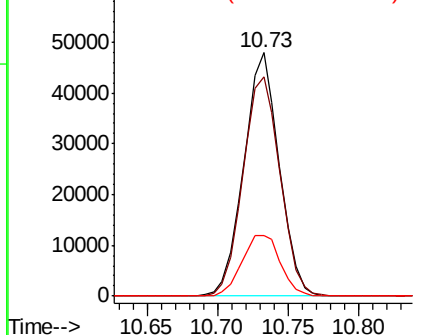


Abundance

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

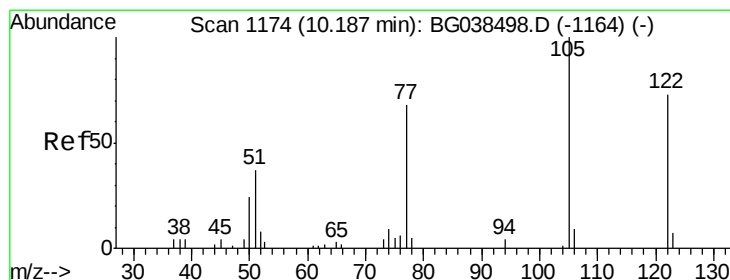
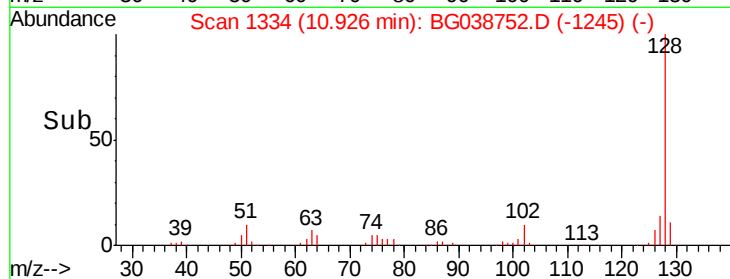
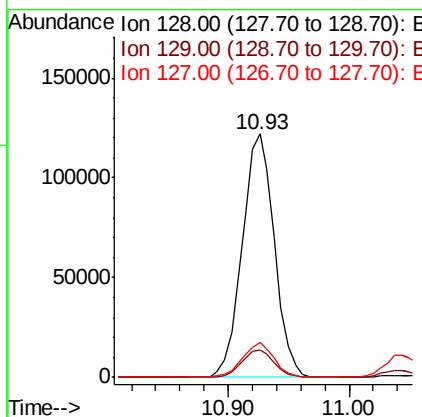
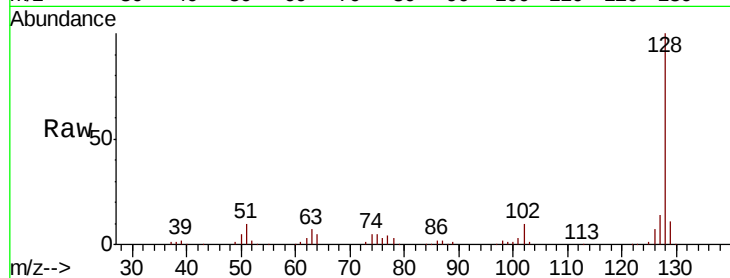




#31
Naphthalene
Concen: 46.407 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

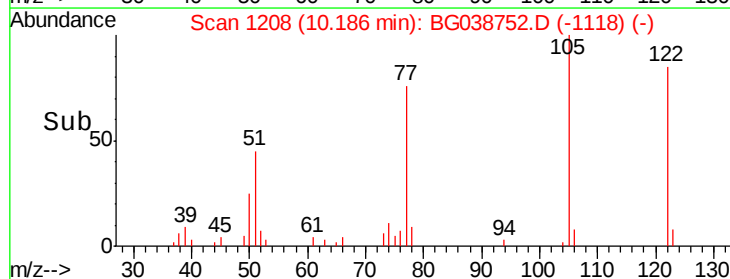
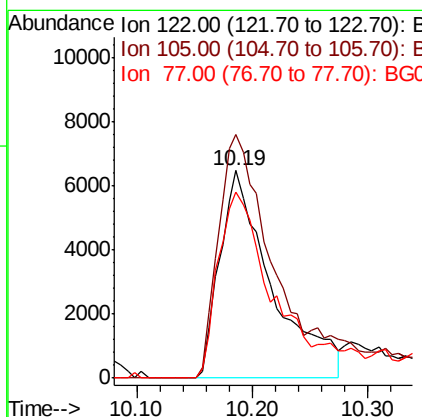
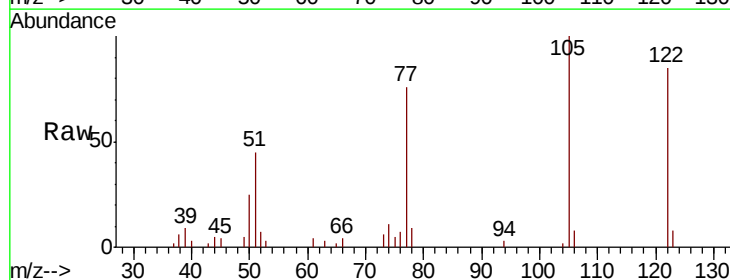
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 225171
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 14.1 10.9 16.3



#32
Benzoic acid
Concen: 27.736 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion:122 Resp: 20254
Ion Ratio Lower Upper
122 100
105 117.3 116.7 156.7
77 89.6 72.5 112.5

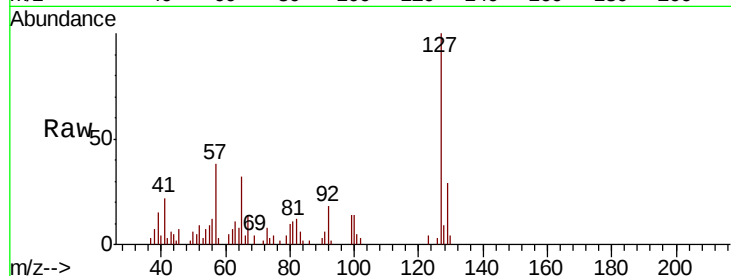




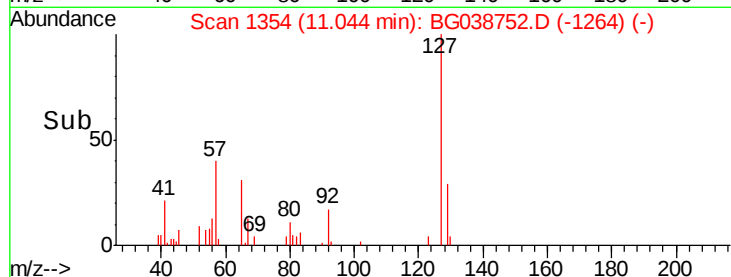
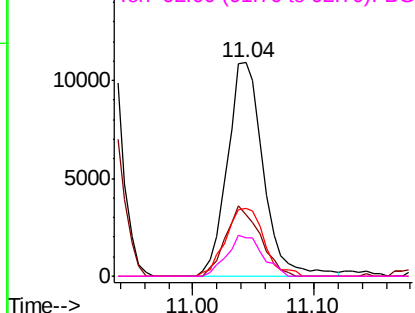
#33
4-Chloroaniline
Concen: 10.705 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	22551
Ion	Ratio	Lower Upper
127	100	
129	28.9	25.8 38.8
65	31.8	27.8 41.6
92	17.8	17.0 25.6

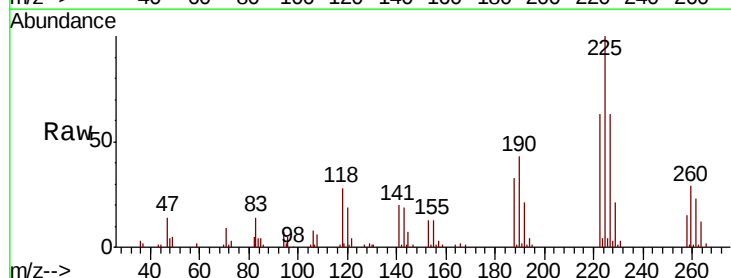


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

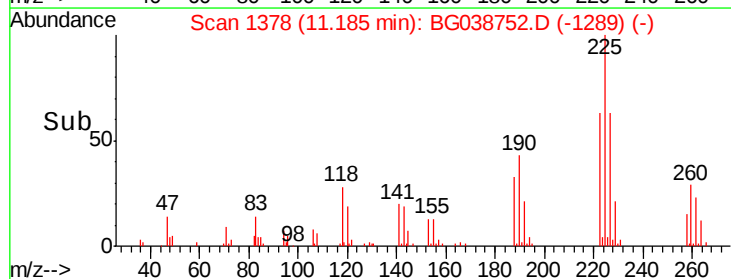
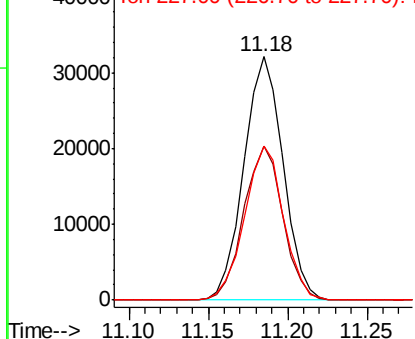


#34
Hexachlorobutadiene
Concen: 42.493 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion:225	Resp:	55267
Ion	Ratio	Lower Upper
225	100	
223	64.5	45.0 67.6
227	63.6	50.6 75.8



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

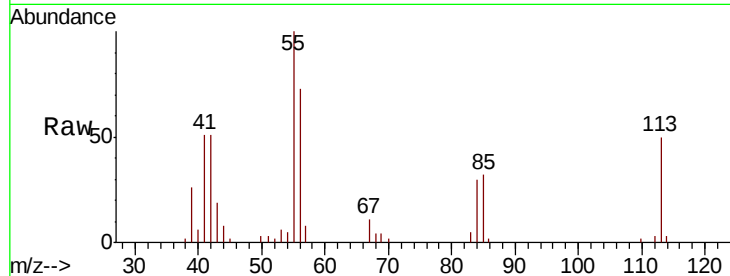




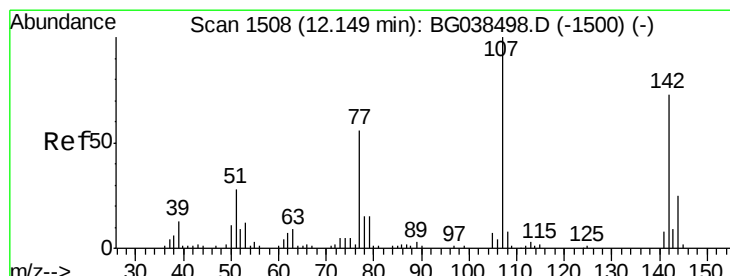
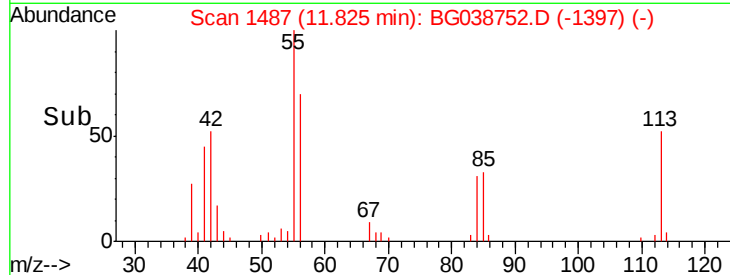
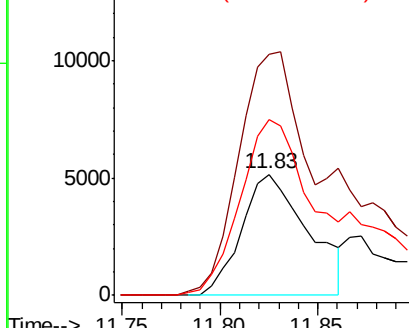
#35
 Caprolactam
 Concen: 18.407 ng
 RT: 11.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 12122
 Ion Ratio Lower Upper
 113 100
 55 199.1 204.3 244.3#
 56 145.0 135.0 175.0

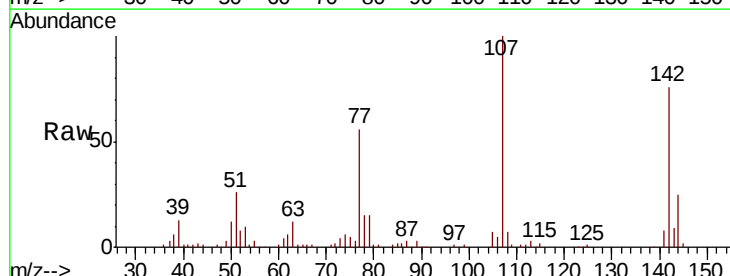


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

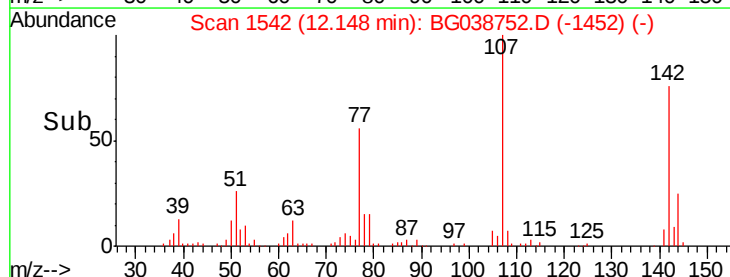
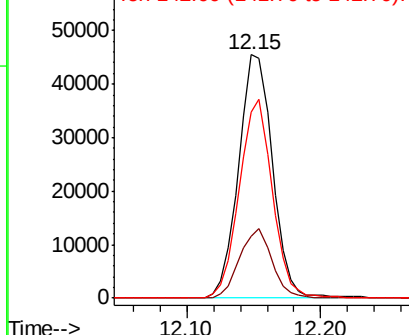


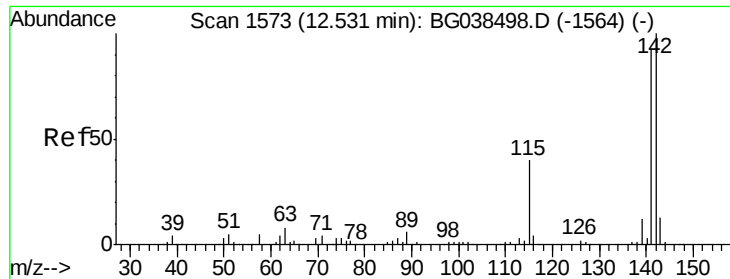
#36
 4-Chloro-3-methylphenol
 Concen: 44.079 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion:107 Resp: 80045
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 76.5 58.7 88.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

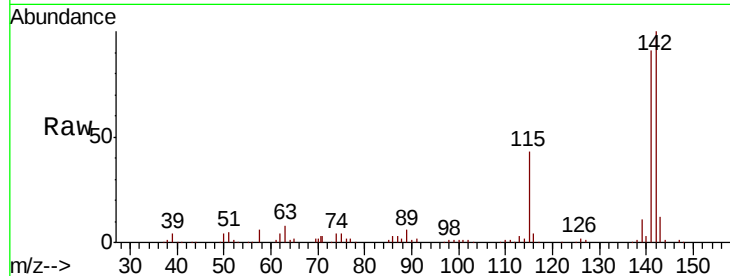




#37
2-Methylnaphthalene
Concen: 49.119 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.5	110.3
115	43.4	31.7	47.5

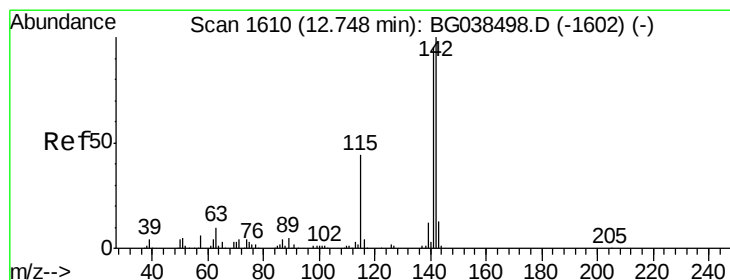
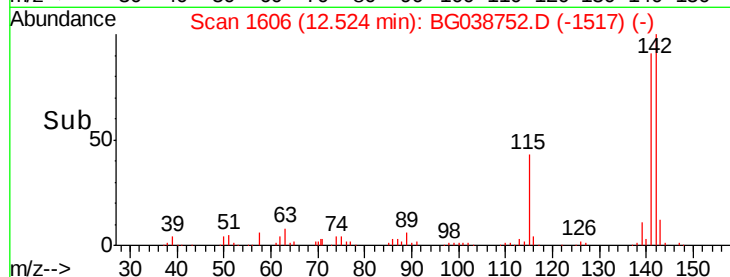
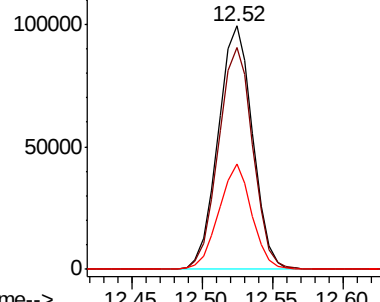


Abundance

Ion 142.00 (141.70 to 142.70): E

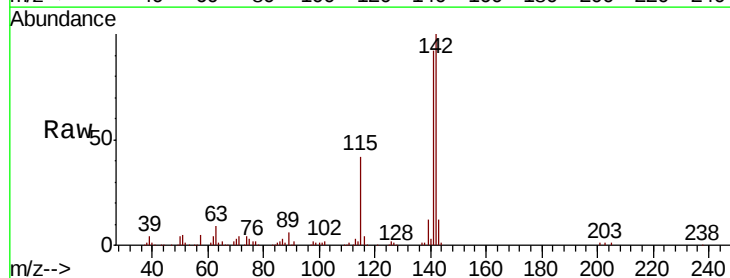
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.421 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.8
116	4.2	3.6	5.4

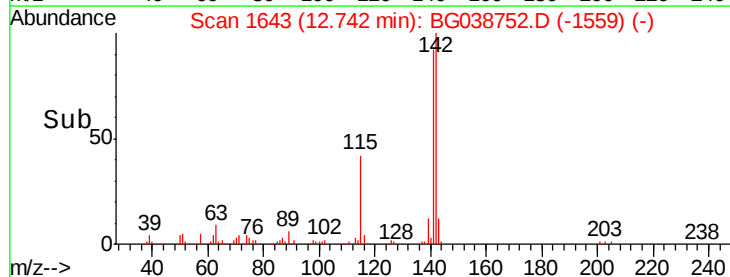
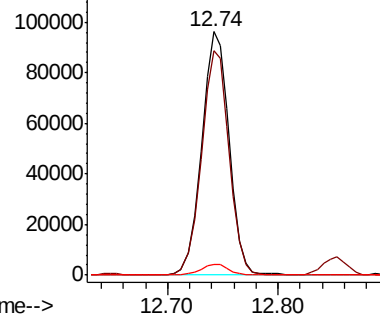


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

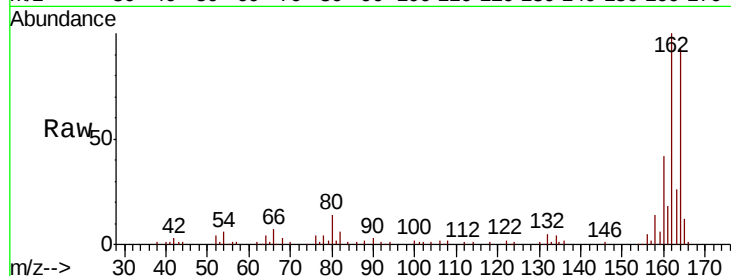
Tot Ion:164 Resp: 64523

Ion Ratio Lower Upper

164 100

162 107.2 86.6 130.0

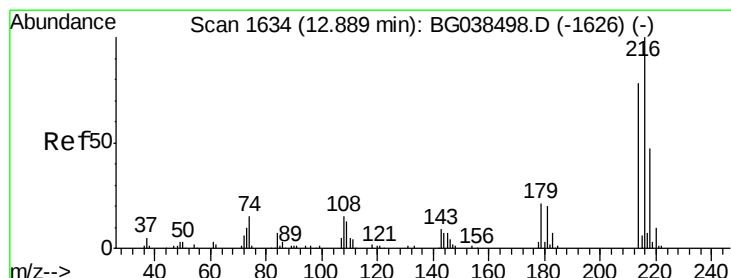
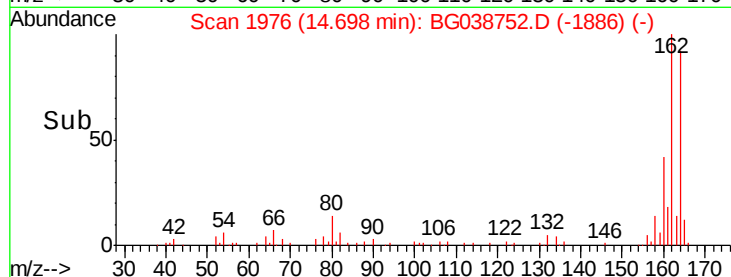
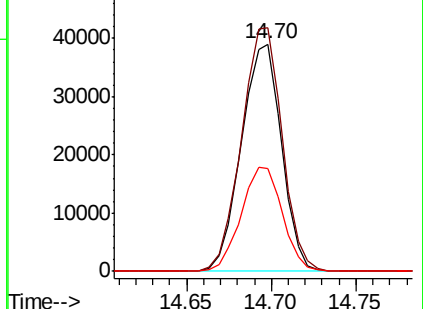
160 45.4 34.2 51.2



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: 43.523 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Tgt Ion:216 Resp: 104971

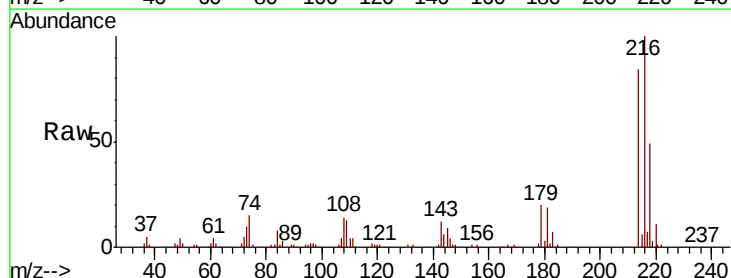
Ion Ratio Lower Upper

216 100

214 78.4 64.1 96.1

179 19.9 16.4 24.6

108 17.0 13.9 20.9

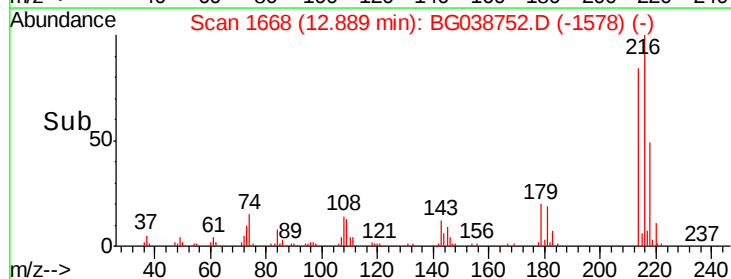
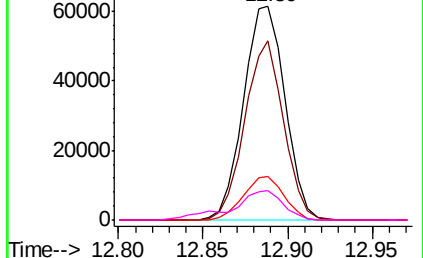


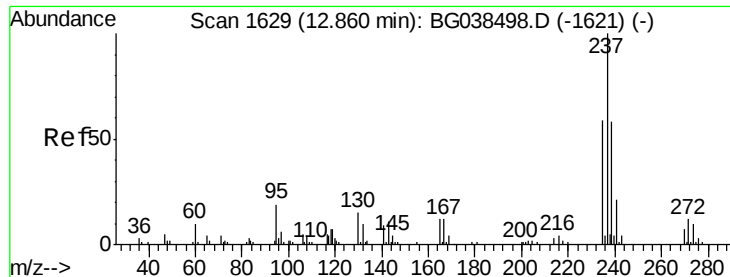
Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.698 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

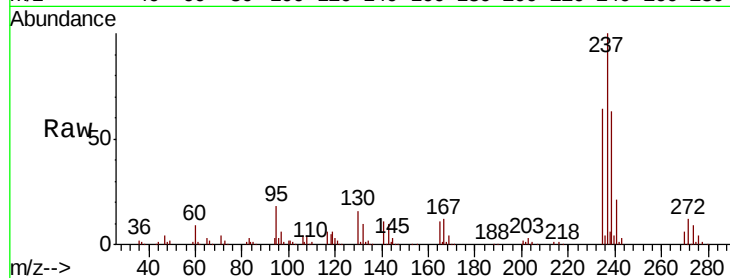
Tot Ion:237 Resp: 110905

Ion Ratio Lower Upper

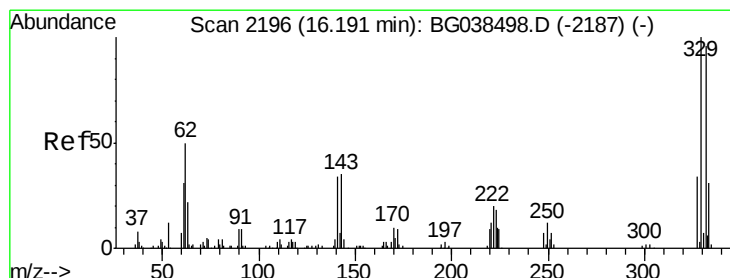
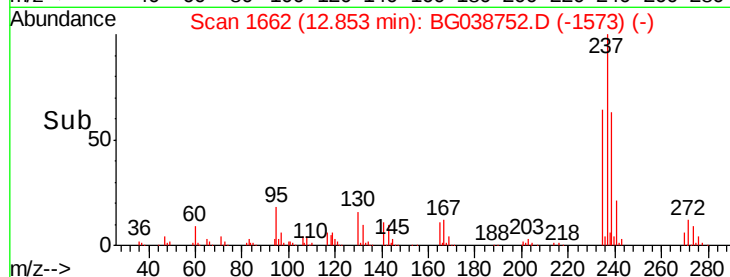
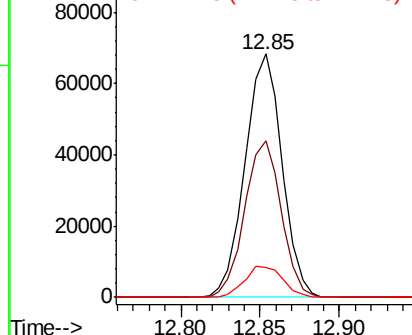
237 100

235 64.4 38.8 78.8

272 12.2 0.0 32.0



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: 150.401 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

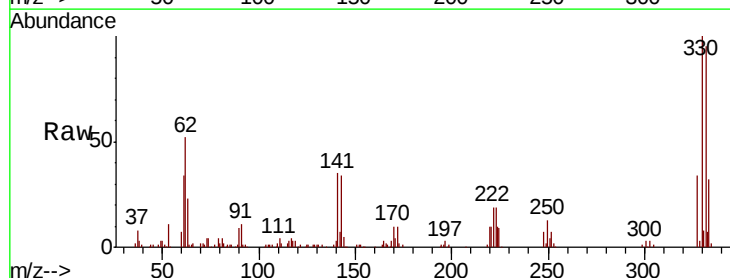
Tgt Ion:330 Resp: 133743

Ion Ratio Lower Upper

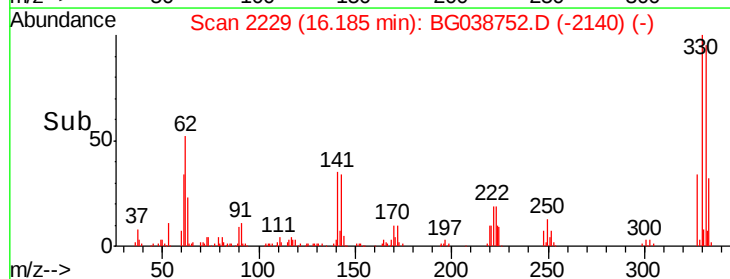
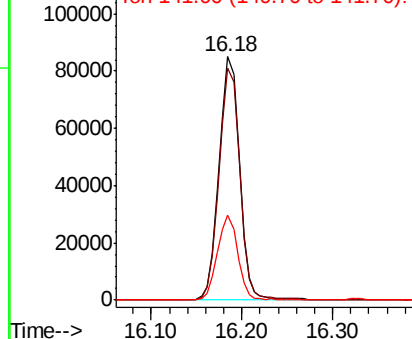
330 100

332 96.2 76.9 115.3

141 34.6 28.8 43.2



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

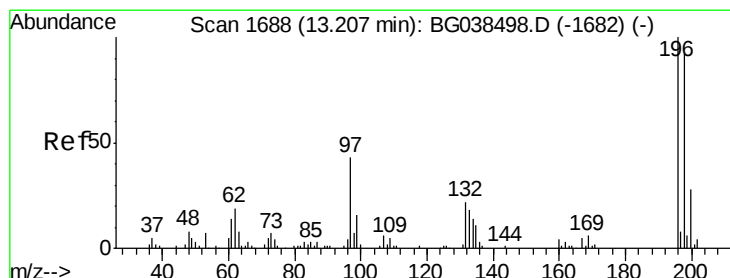
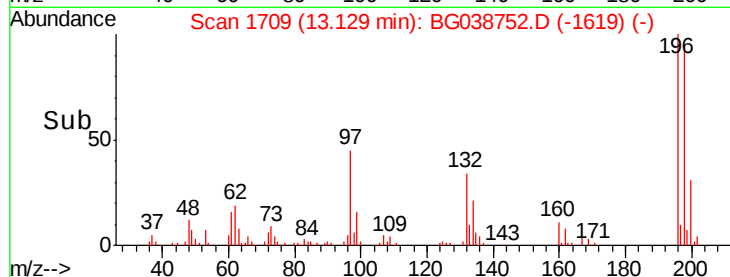
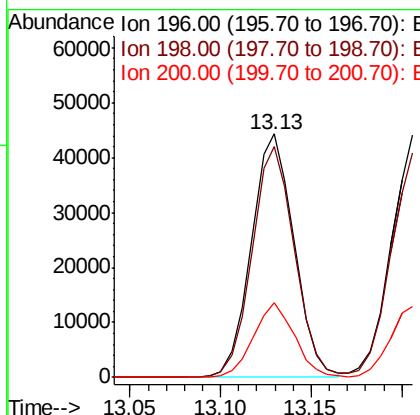
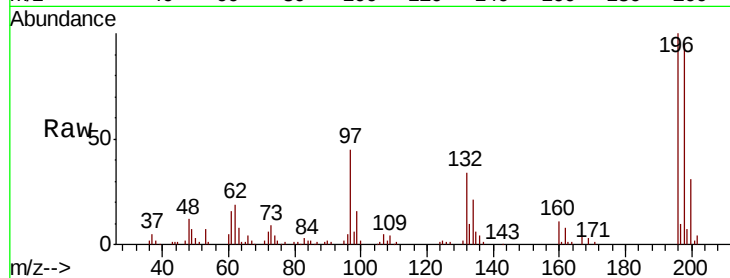




#43
 2,4,6-Trichlorophenol
 Concen: 48.863 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

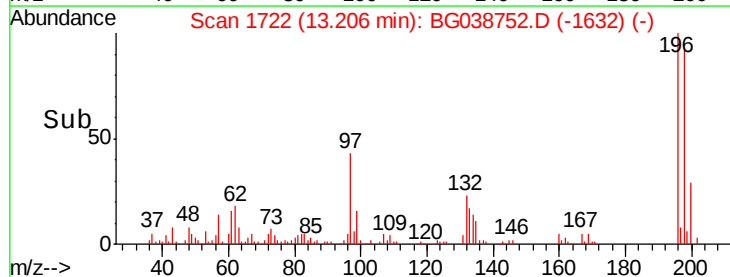
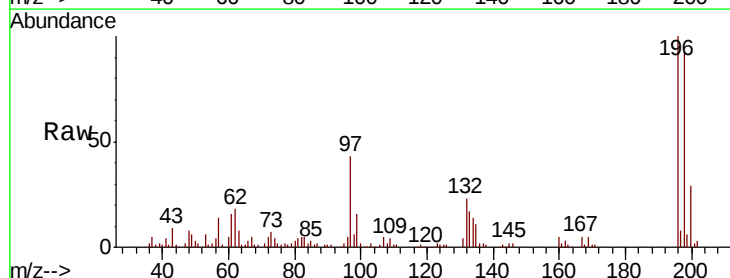
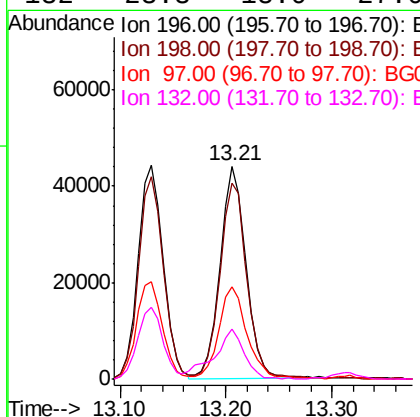
Instrument :
 BNA_G
 ClientSampleId :

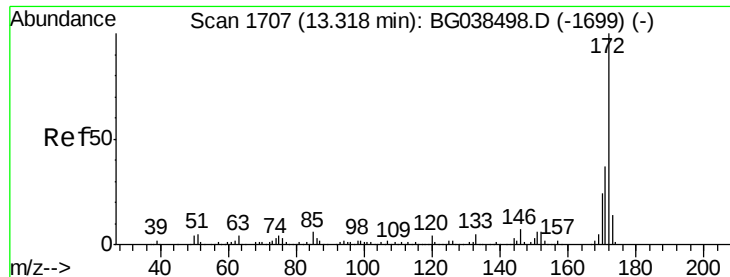
Tot Ion:196 Resp: 72461
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.0 112.4
 200 30.6 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 47.997 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion:196 Resp: 75361
 Ion Ratio Lower Upper
 196 100
 198 92.2 74.0 111.0
 97 43.1 35.1 52.7
 132 23.3 18.0 27.0

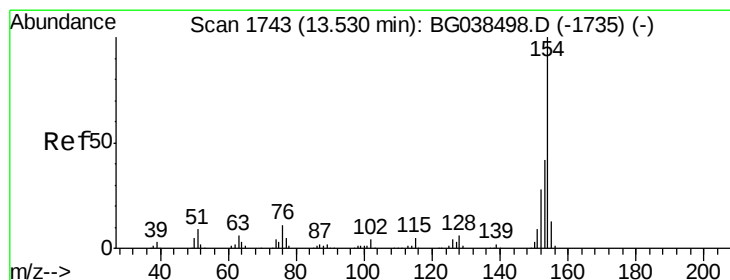
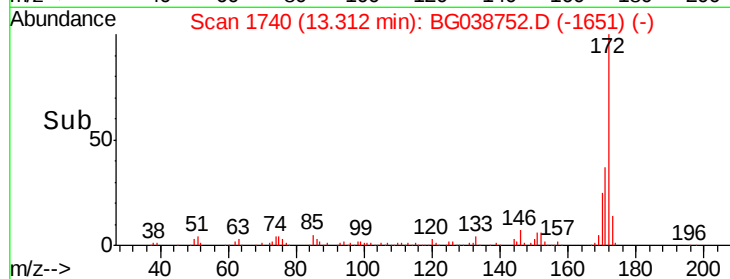
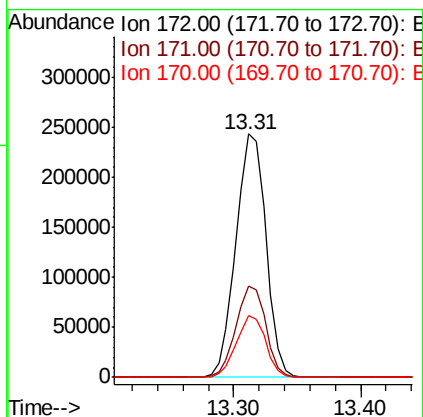
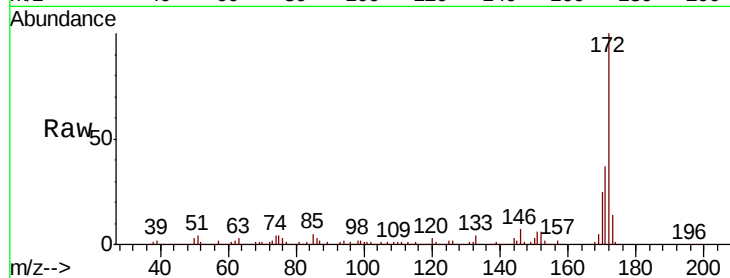




#45
2-Fluorobiphenyl
Concen: 85.027 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

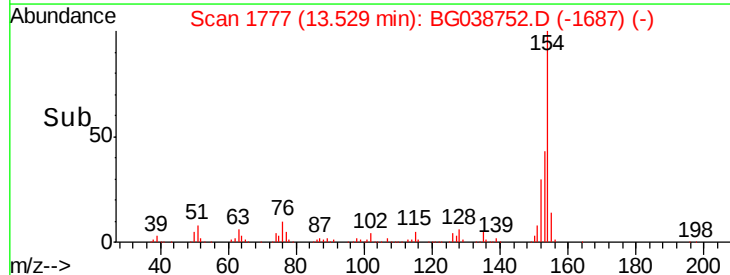
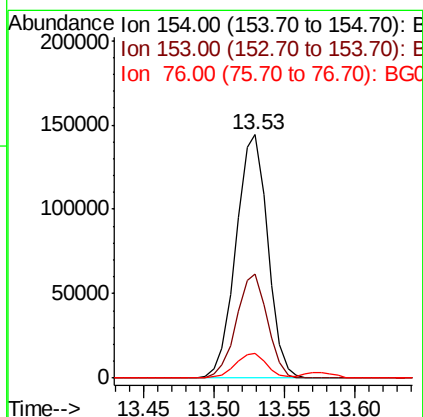
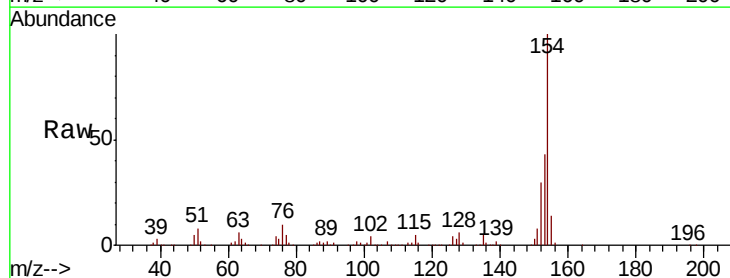
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.3	19.5	29.3



#46
1,1'-Biphenyl
Concen: 41.805 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	9.9	0.0	31.2

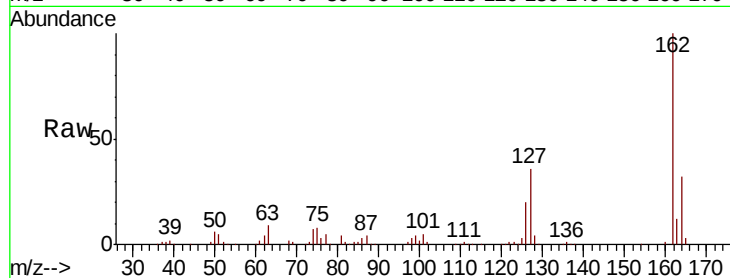




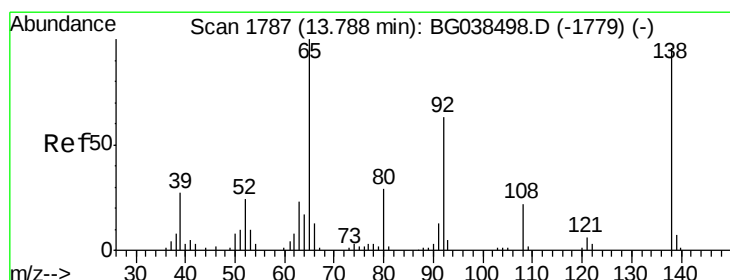
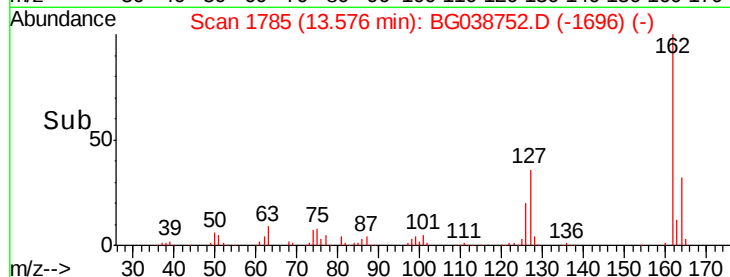
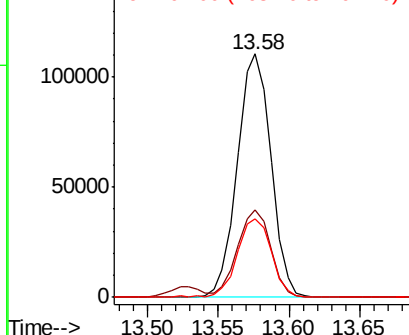
#47
 2-Chloronaphthalene
 Concen: 44.066 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	27.8	41.8
164	32.2	26.9	40.3

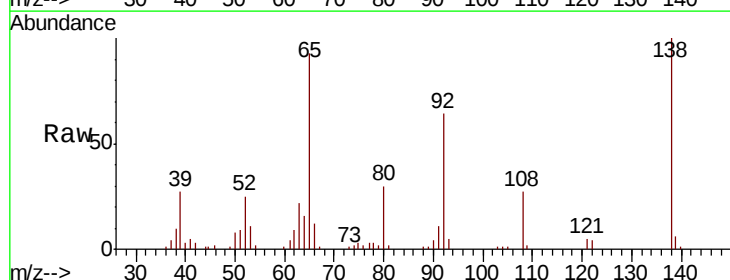


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

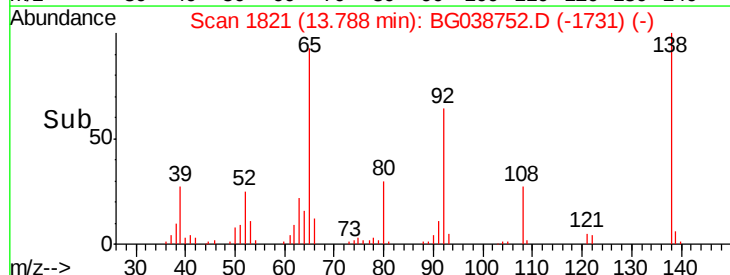
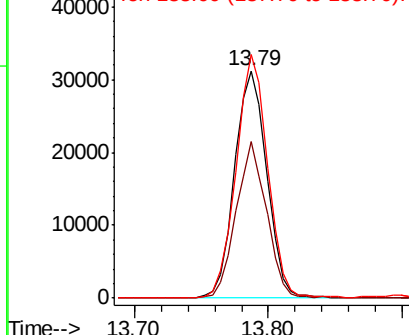


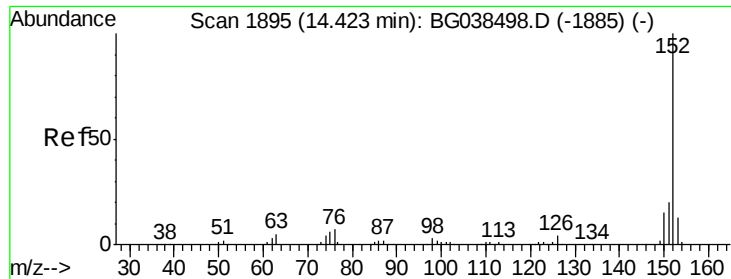
#48
 2-Nitroaniline
 Concen: 39.191 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	50.0	75.0
138	107.0	76.9	115.3



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





#49

Acenaphthylene

Concen: 47.279 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

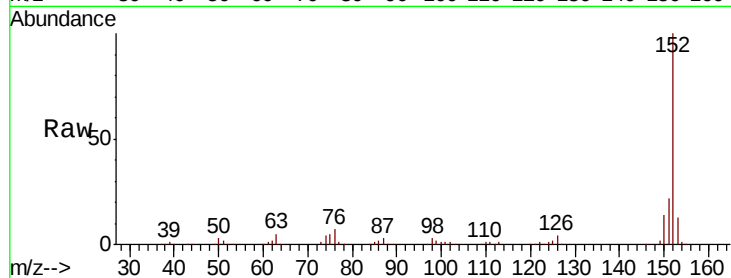
Tot Ion:152 Resp: 295318

Ion Ratio Lower Upper

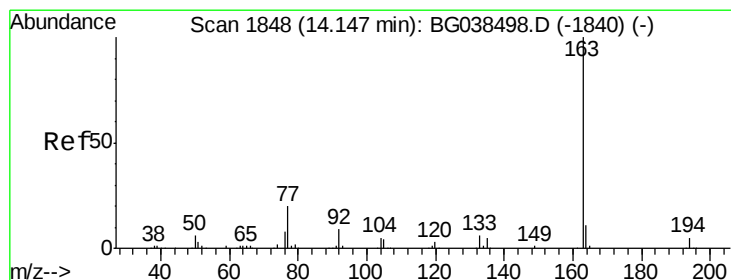
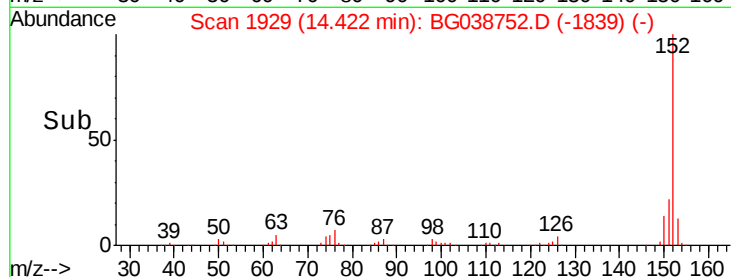
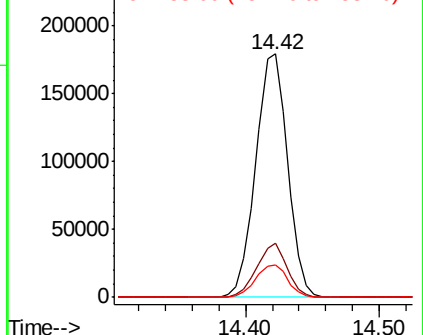
152 100

151 22.2 16.4 24.6

153 13.2 10.4 15.6



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: 45.385 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

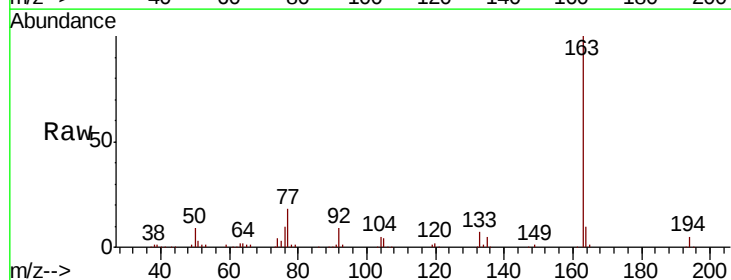
Tgt Ion:163 Resp: 239142

Ion Ratio Lower Upper

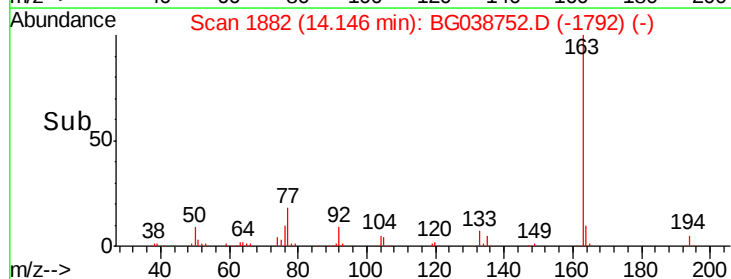
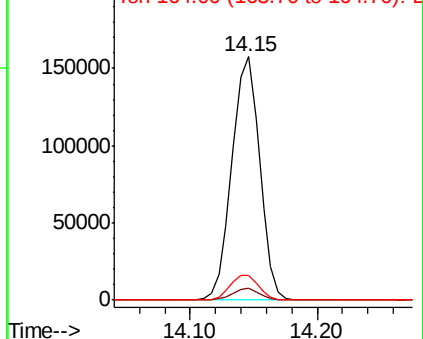
163 100

194 4.7 3.7 5.5

164 10.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

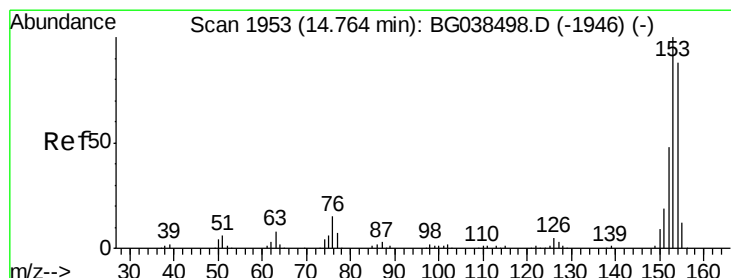
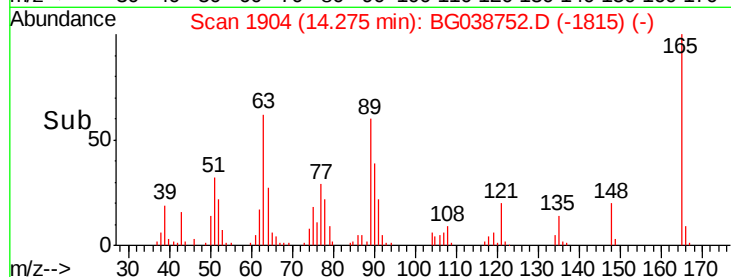
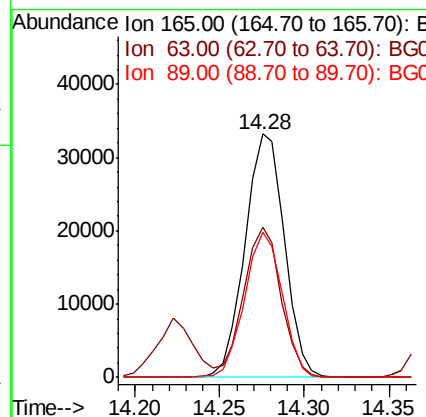
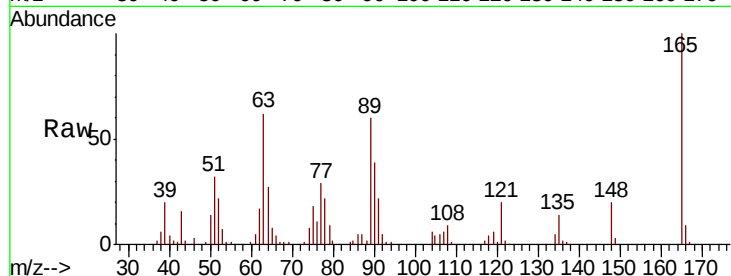




#51
 2,6-Dinitrotoluene
 Concen: 45.081 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

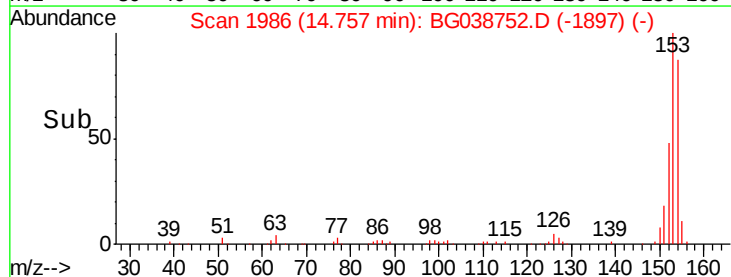
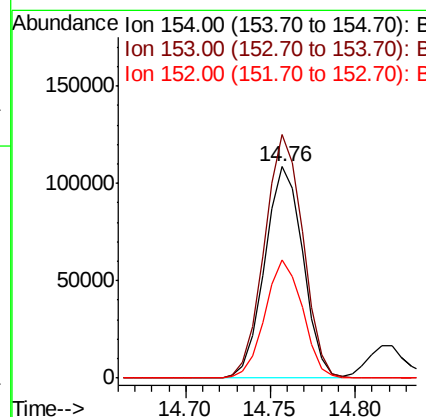
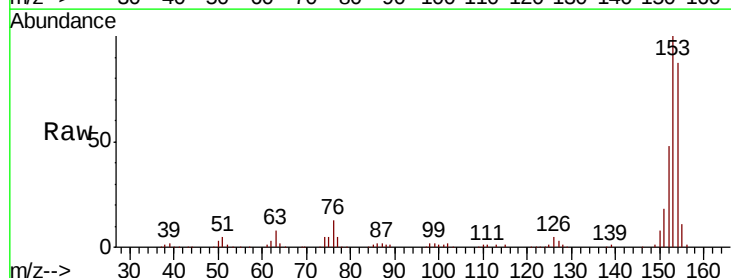
Instrument :
 BNA_G
 ClientSampleId :

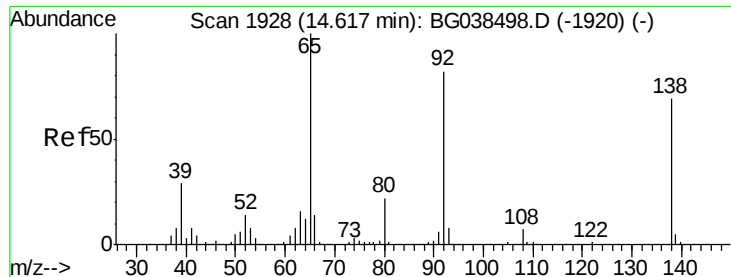
Tot Ion:165 Resp: 53830
 Ion Ratio Lower Upper
 165 100
 63 61.9 51.8 77.6
 89 59.6 47.9 71.9



#52
 Acenaphthene
 Concen: 45.797 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion:154 Resp: 171056
 Ion Ratio Lower Upper
 154 100
 153 115.2 90.6 136.0
 152 55.8 43.5 65.3

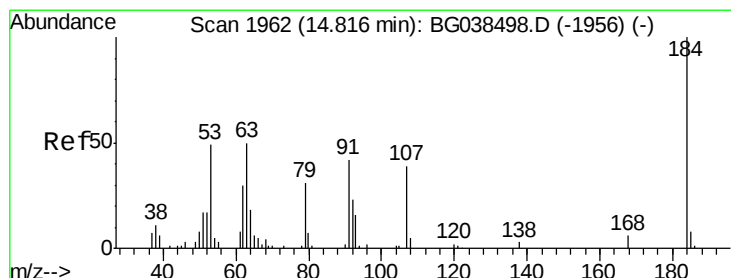
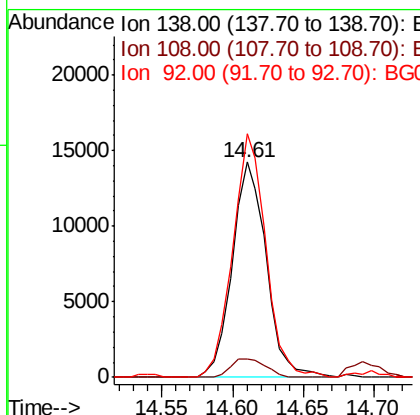
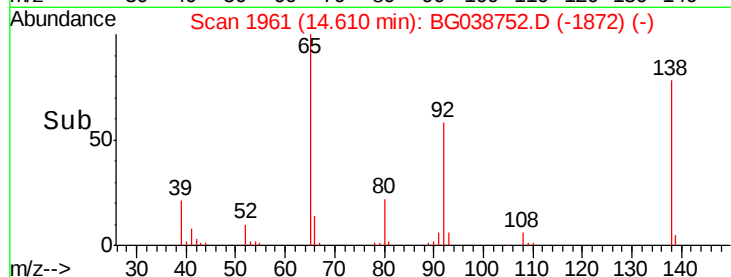
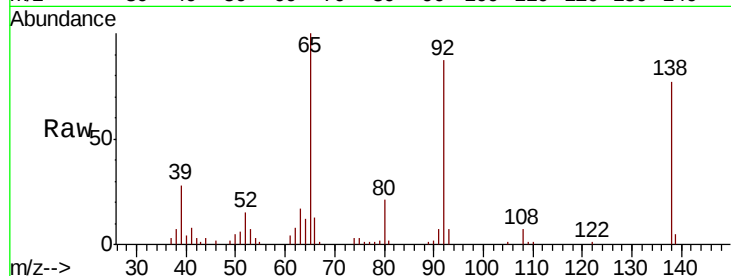




#53
3-Nitroaniline
Concen: 19.649 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

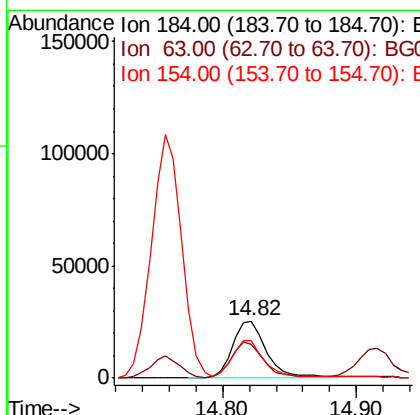
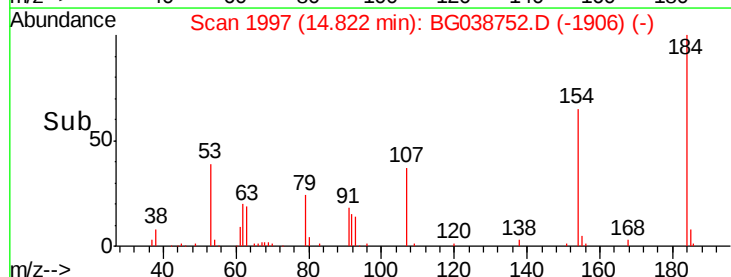
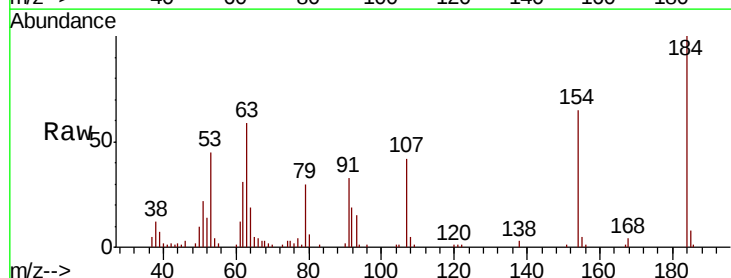
Instrument :
BNA_G
ClientSampleId :

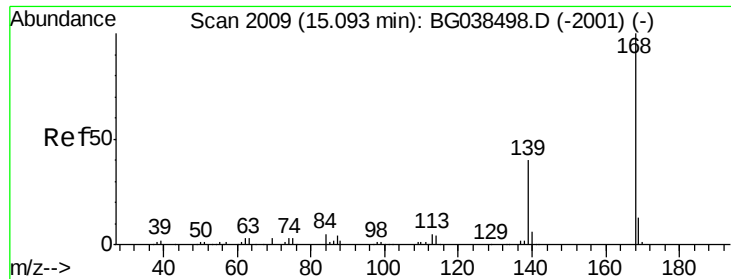
Tot Ion:138 Resp: 23917
Ion Ratio Lower Upper
138 100
108 8.8 7.9 11.9
92 113.3 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 65.147 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion:184 Resp: 45555
Ion Ratio Lower Upper
184 100
63 58.9 47.0 70.6
154 65.4 50.3 75.5

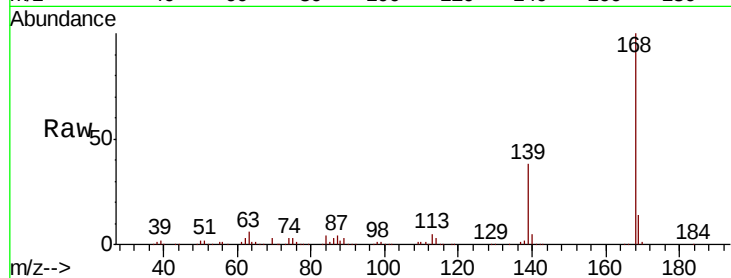




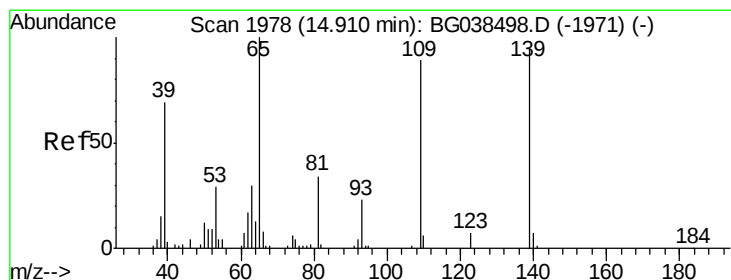
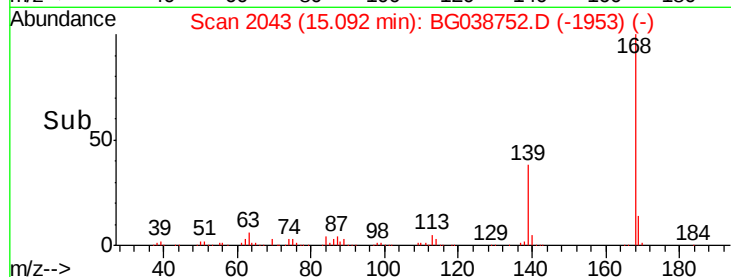
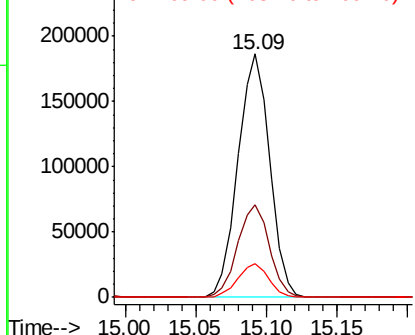
#55
Dibenzenofuran
Concen: 45.726 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 292763
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 14.0 10.6 16.0

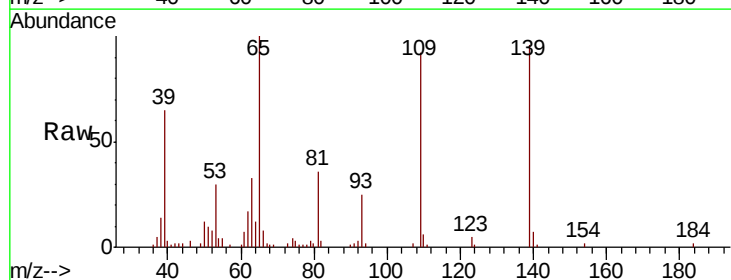


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

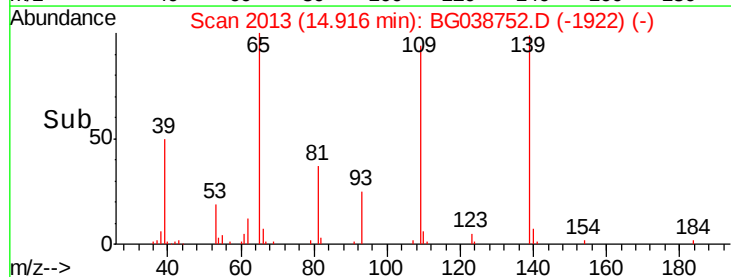
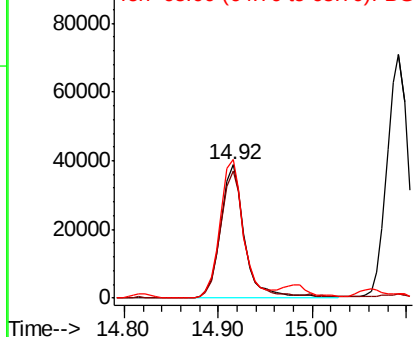


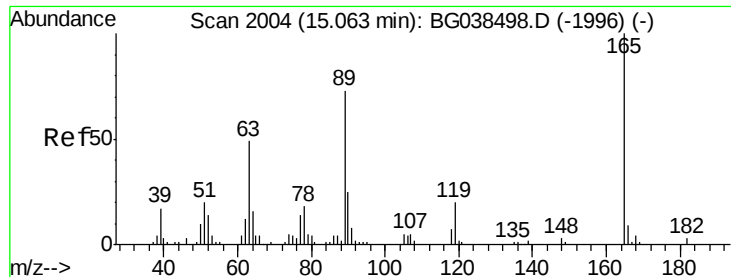
#56
4-Nitrophenol
Concen: 75.540 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion:139 Resp: 69755
Ion Ratio Lower Upper
139 100
109 95.3 73.6 113.6
65 104.0 84.8 124.8



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

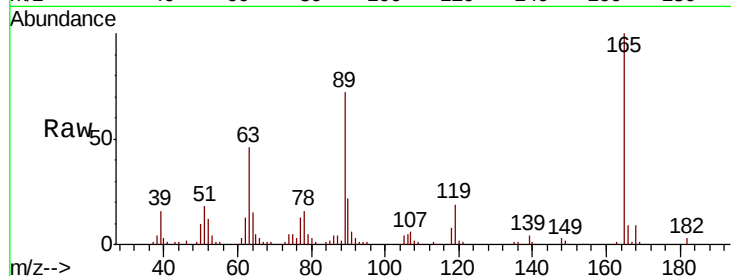




#57
2,4-Dinitrotoluene
Concen: 45.596 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.4	39.0	58.4
89	71.8	58.0	87.0
182	2.8	2.3	3.5



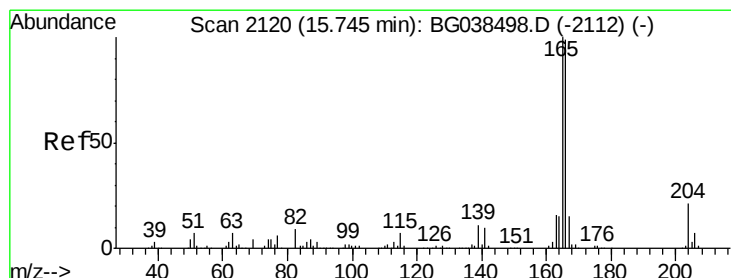
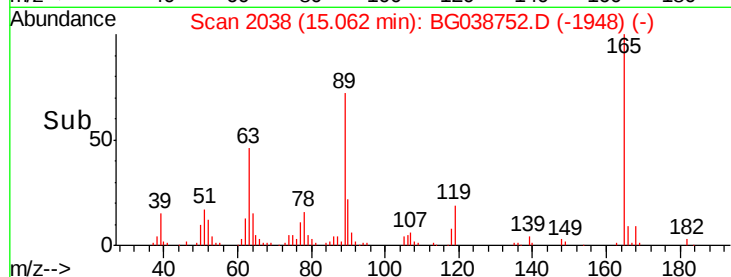
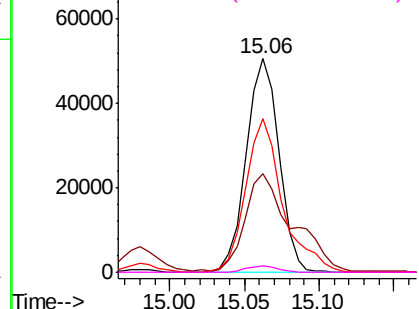
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

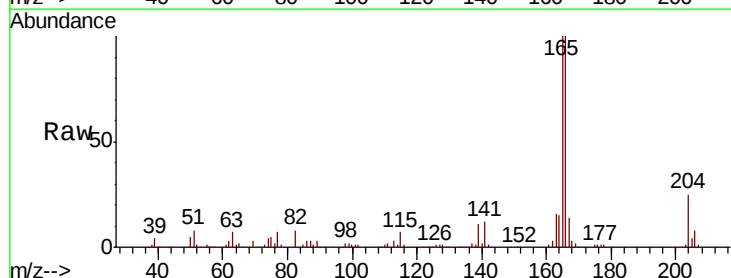
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.606 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.6	120.8
167	13.9	12.0	18.0

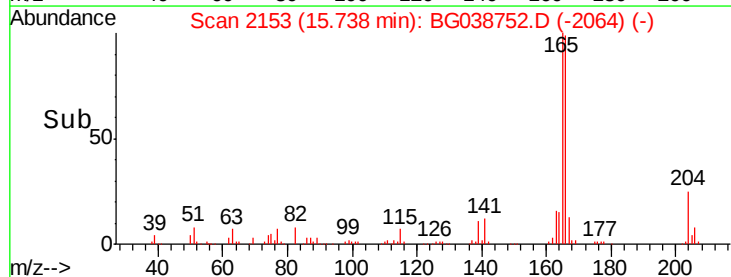
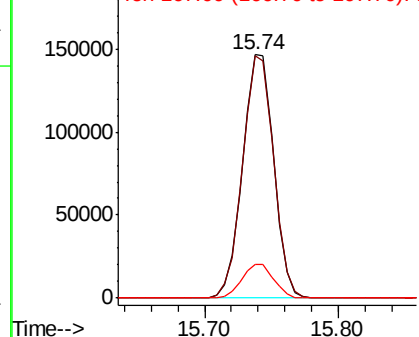


Abundance

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

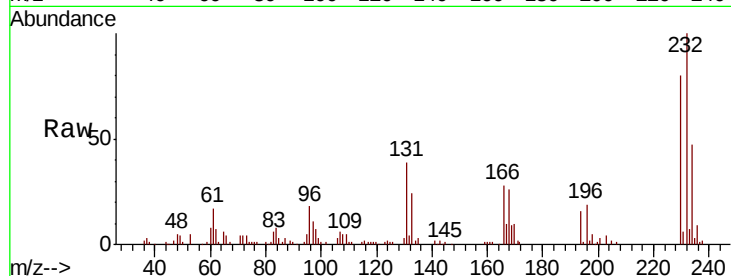




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.786 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.0	49.4
130	2.3	2.0	3.0
166	27.7	23.1	34.7



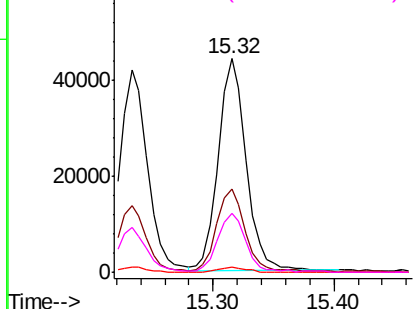
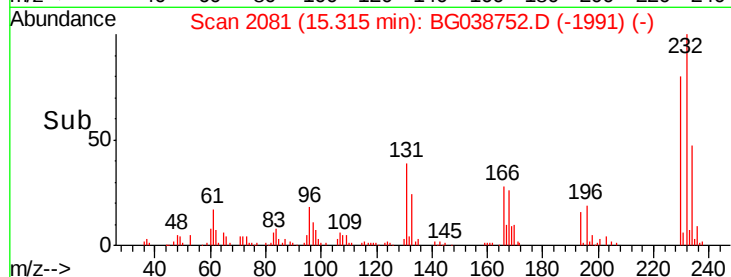
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

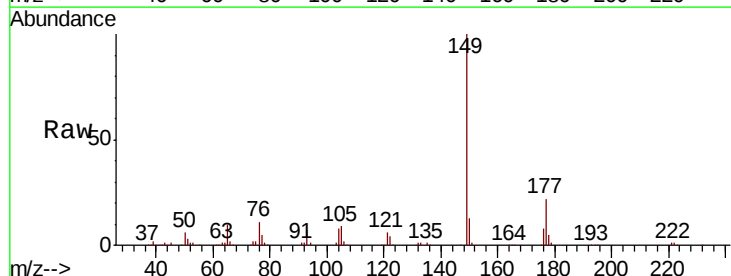
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.774 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.7	26.5
150	12.8	9.9	14.9

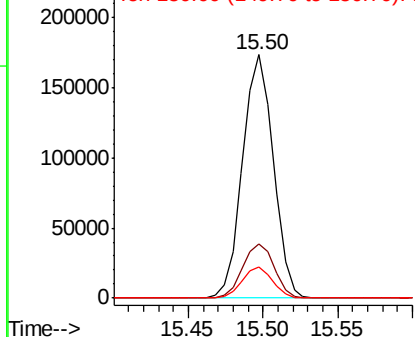
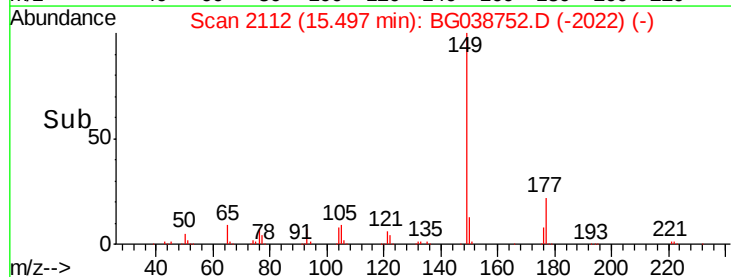


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

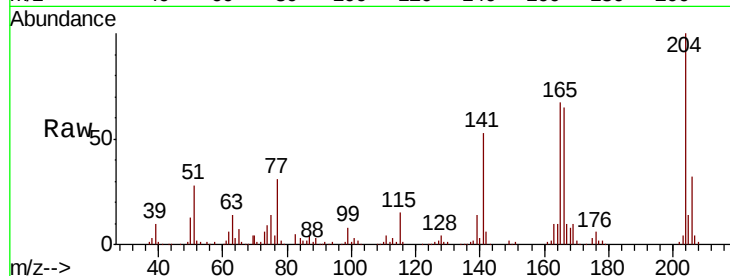




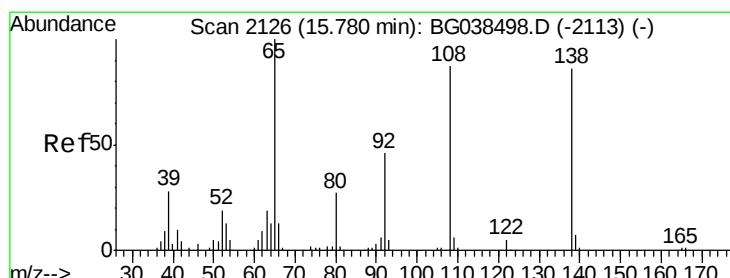
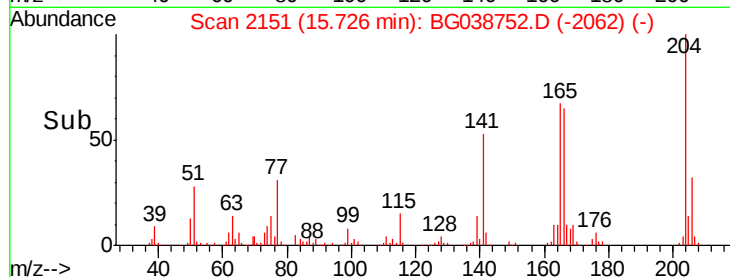
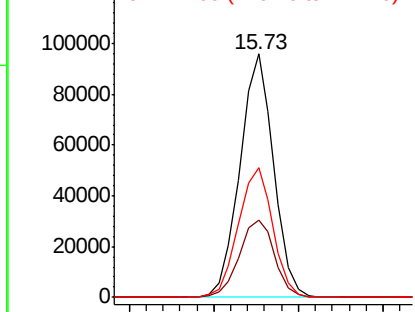
#61
 4-Chlorophenyl-phenylether
 Concen: 44.890 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 132858
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.0 39.0
 141 53.1 44.4 66.6

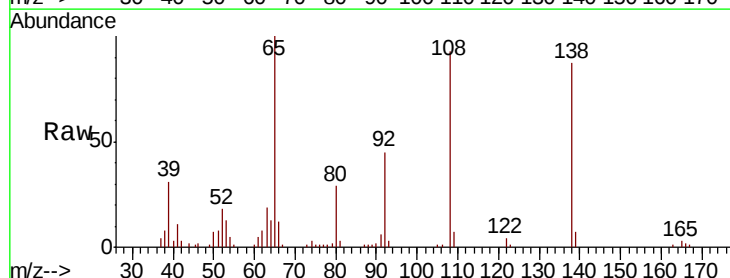


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

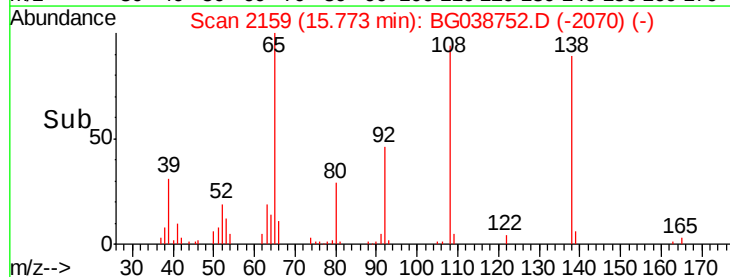
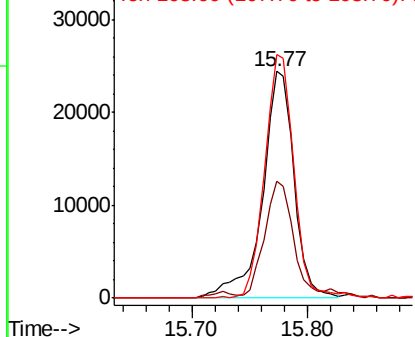


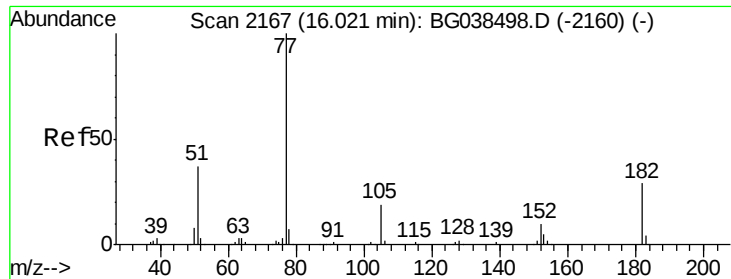
#62
 4-Nitroaniline
 Concen: 37.118 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion:138 Resp: 46514
 Ion Ratio Lower Upper
 138 100
 92 51.7 33.3 73.3
 108 107.5 81.4 121.4



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

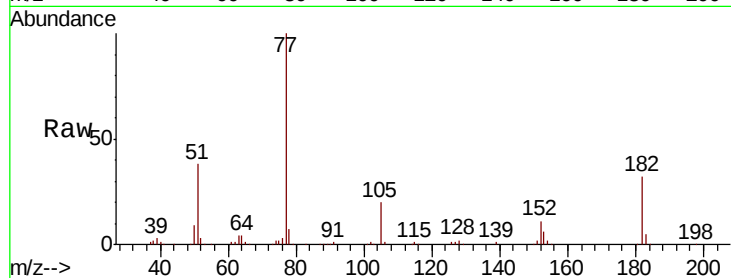




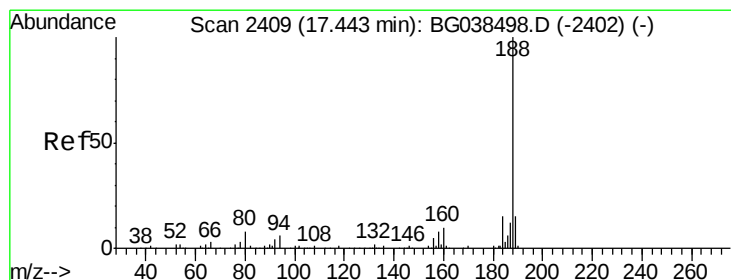
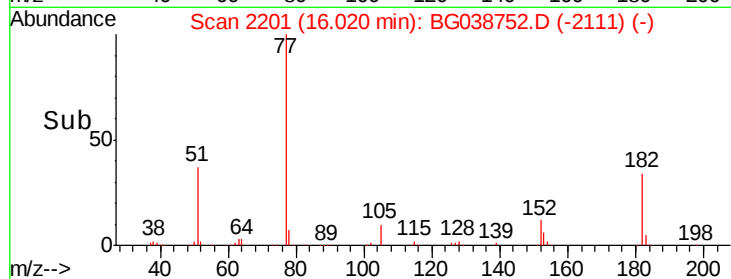
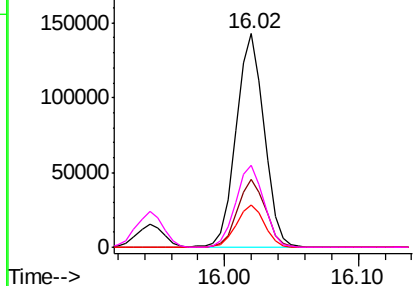
#63
Azobenzene
Concen: 42.949 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.1	8.7	48.7	
105	20.0	0.0	38.7	
51	38.2	16.6	56.6	

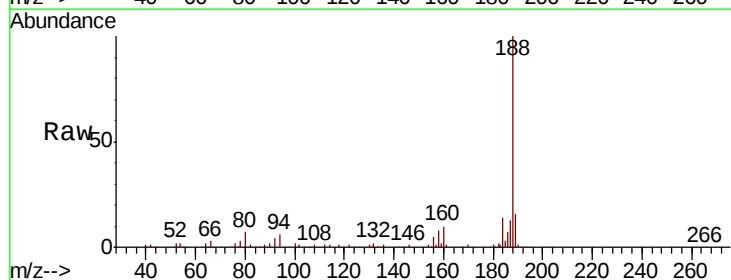


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

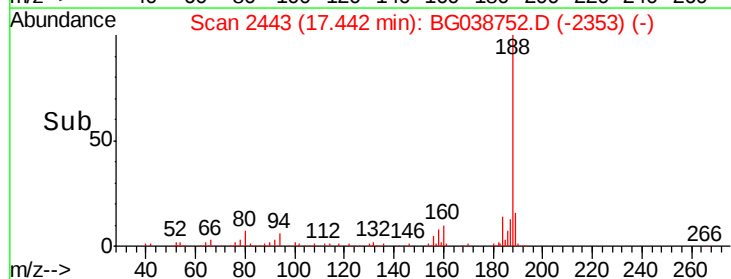
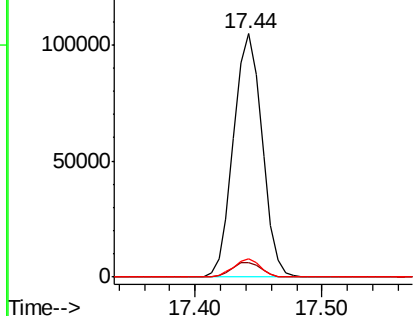


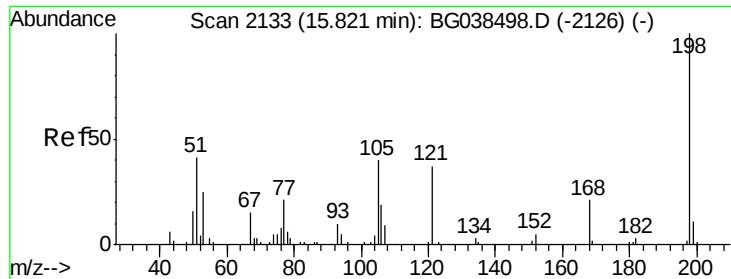
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	5.1	7.7	
80	7.3	6.1	9.1	



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

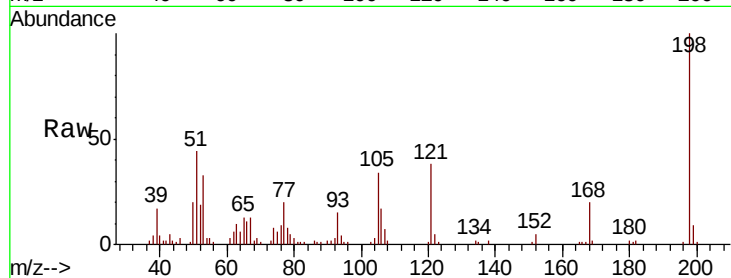




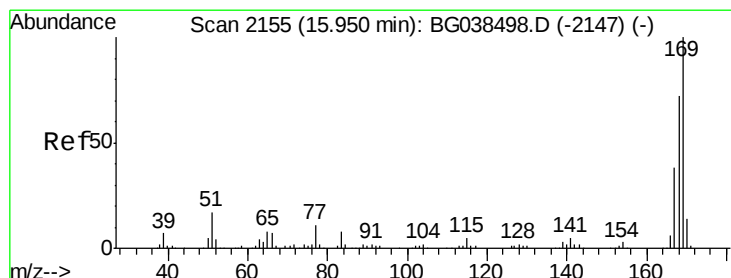
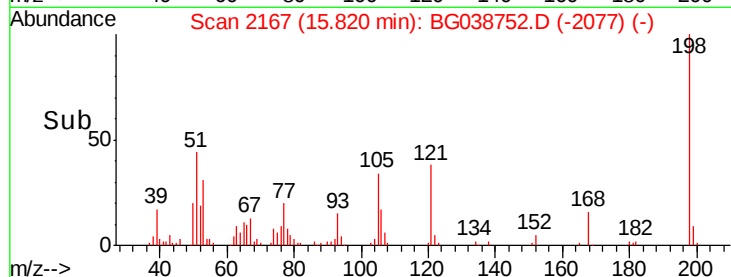
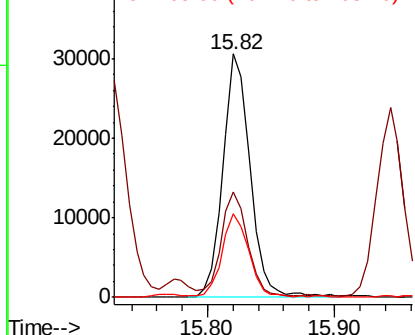
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.983 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.5	28.6	68.6
105	34.1	20.4	60.4

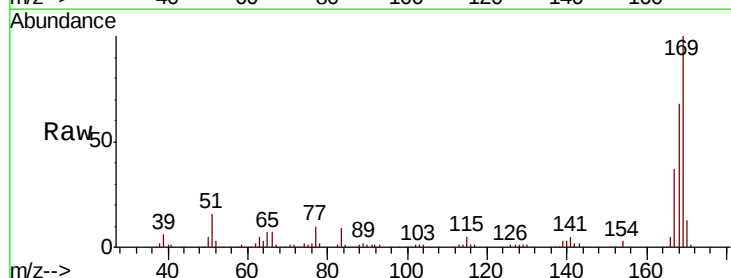


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

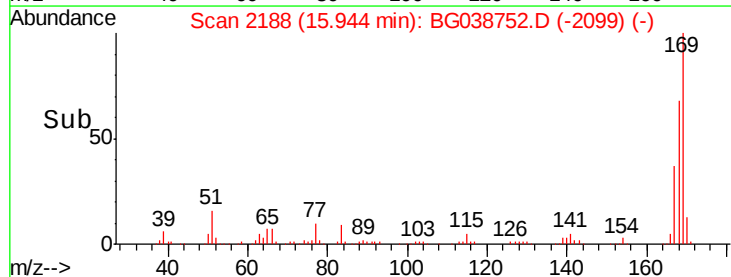
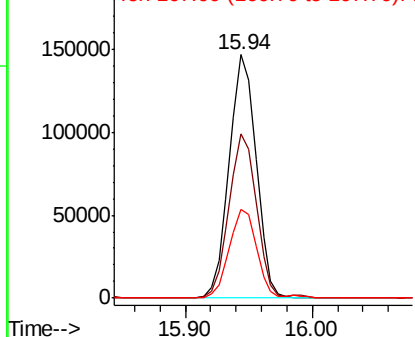


#66
 n-Nitrosodiphenylamine
 Concen: 44.949 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	57.5	86.3
167	36.7	30.2	45.2



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

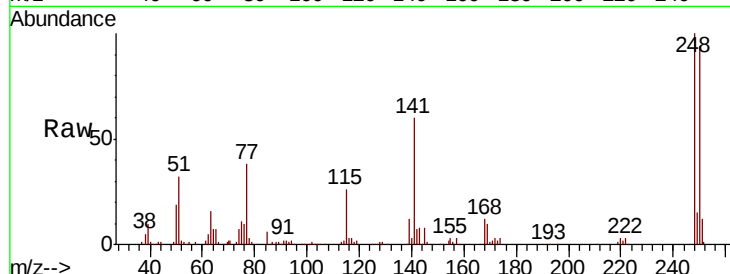




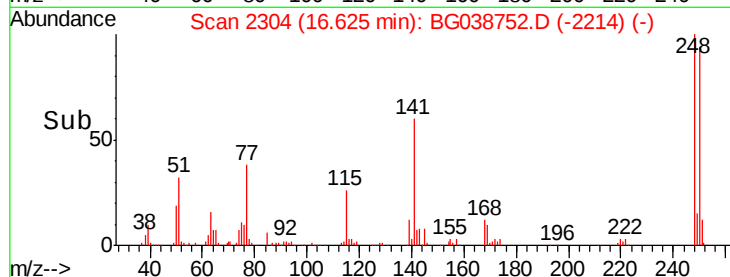
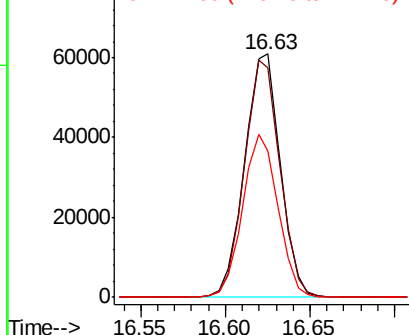
#67
 4-Bromophenyl-phenylether
 Concen: 44.900 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 89710
 Ion Ratio Lower Upper
 248 100
 250 94.4 73.4 110.2
 141 59.9 52.9 79.3

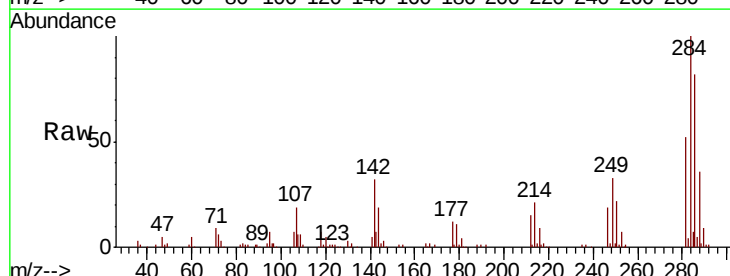


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

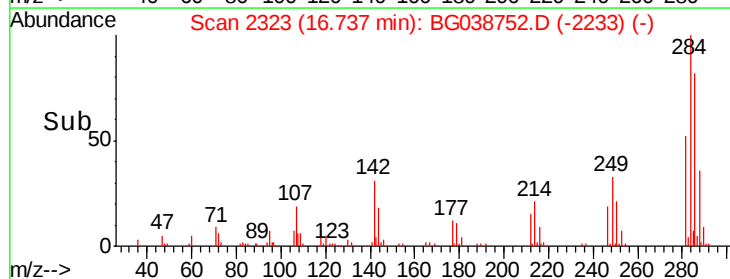
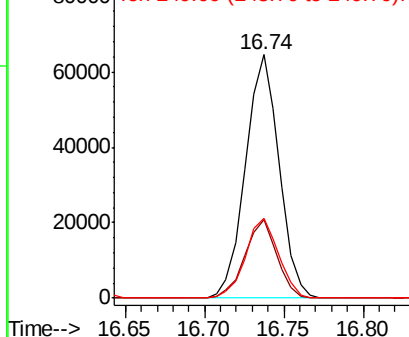


#68
 Hexachlorobenzene
 Concen: 45.846 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion:284 Resp: 94954
 Ion Ratio Lower Upper
 284 100
 142 32.2 25.8 38.6
 249 35.3 27.0 40.4



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: 49.194 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

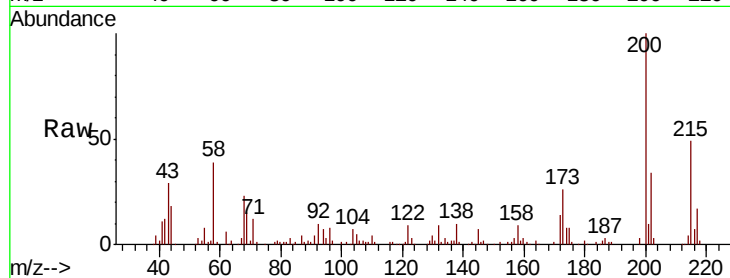
Tot Ion:200 Resp: 87756

Ion Ratio Lower Upper

200 100

173 26.1 5.9 45.9

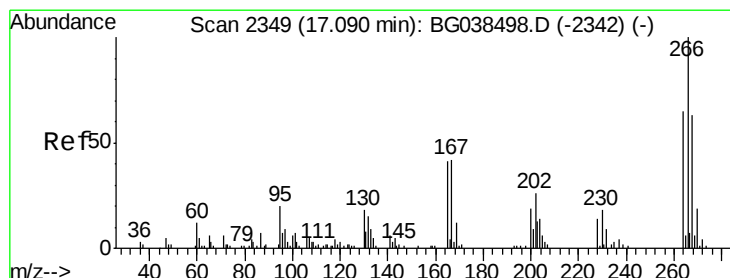
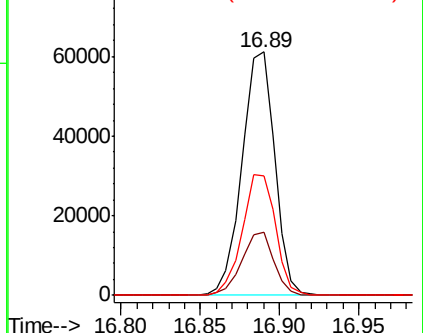
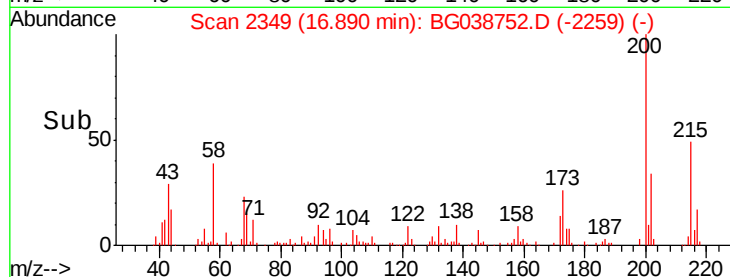
215 49.0 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.002 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

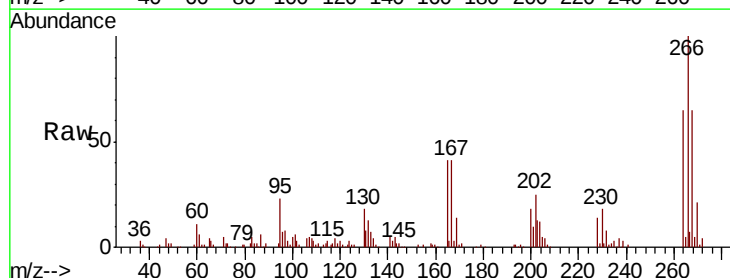
Tgt Ion:266 Resp: 94331

Ion Ratio Lower Upper

266 100

268 70.1 55.0 82.6

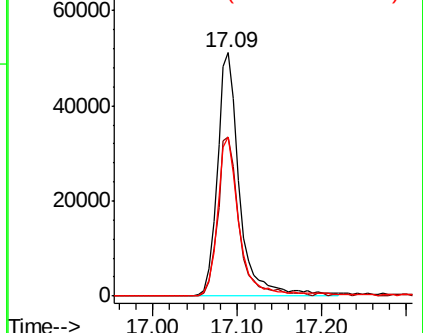
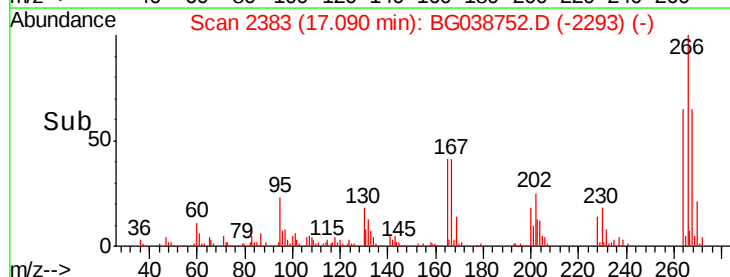
264 65.2 56.7 85.1

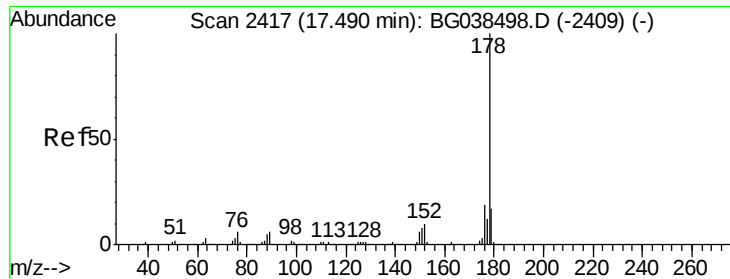


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

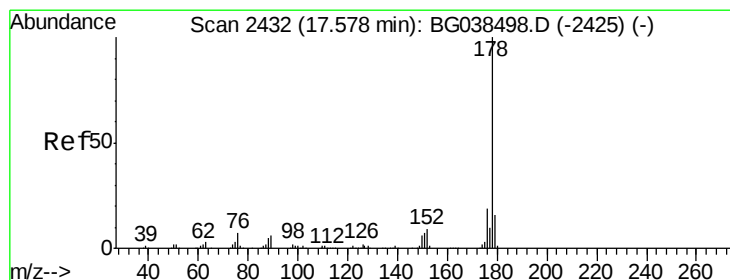
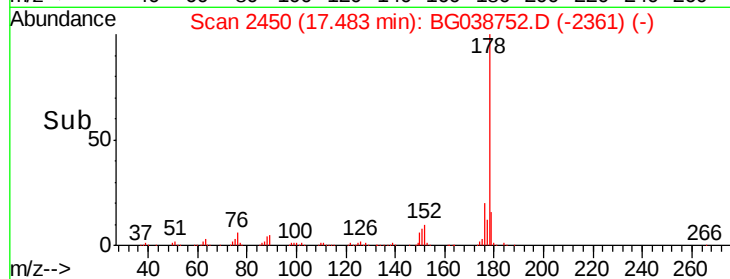
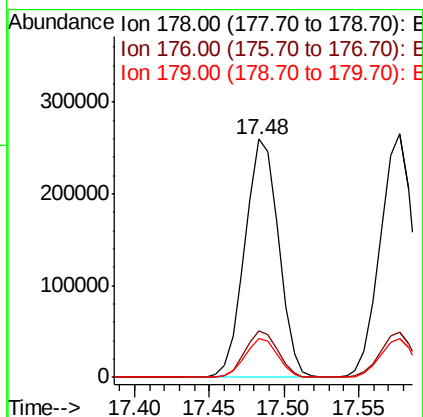
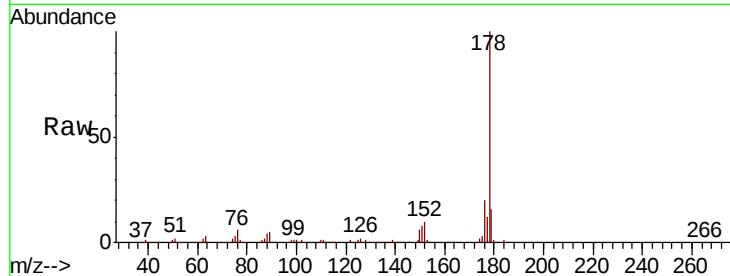




#71
Phenanthrene
Concen: 47.900 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

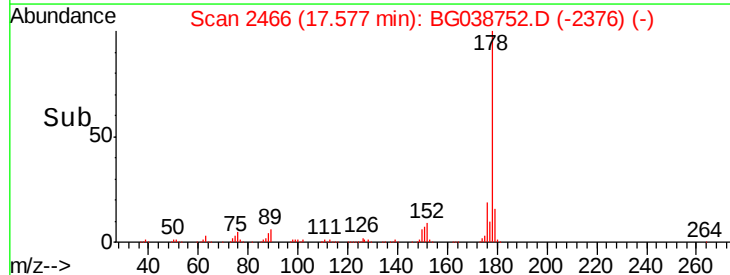
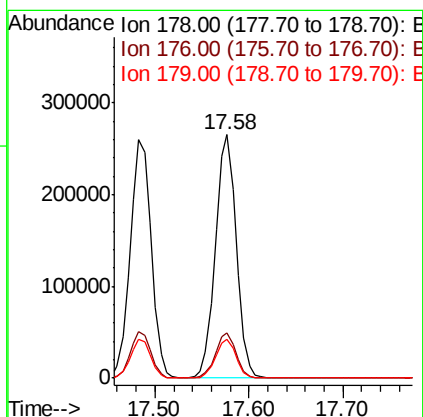
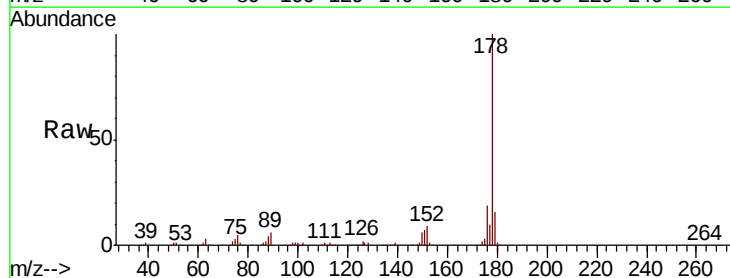
Instrument :
BNA_G
ClientSampleId :

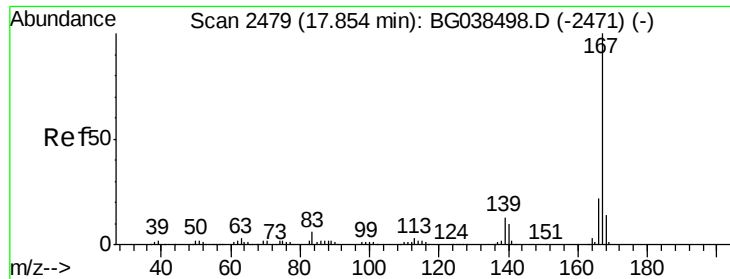
Tot Ion:178 Resp: 406363
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 16.1 13.2 19.8



#72
Anthracene
Concen: 49.274 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion:178 Resp: 412672
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 16.2 12.9 19.3

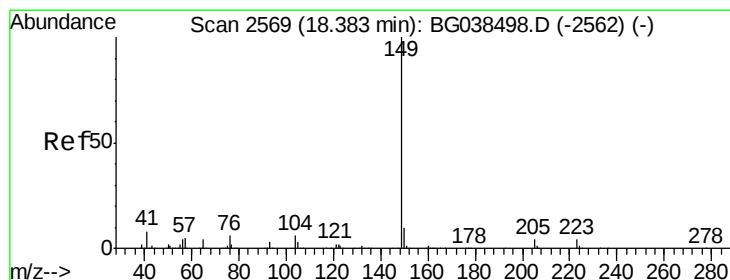
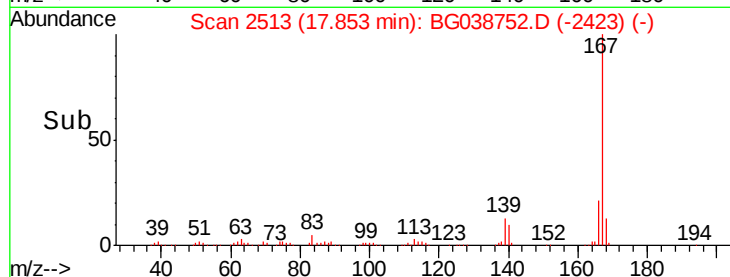
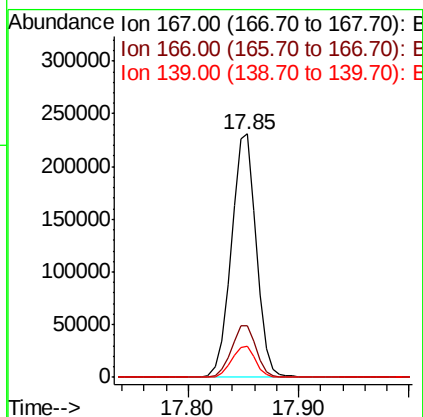
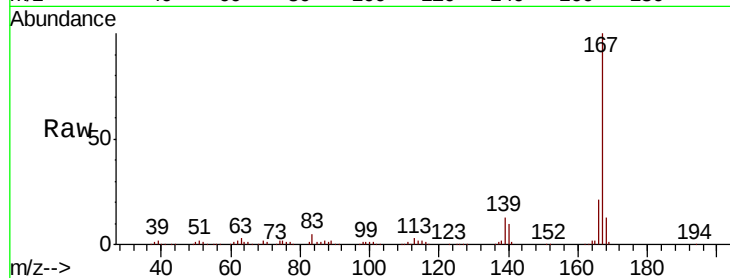




#73
 Carbazole
 Concen: 44.044 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

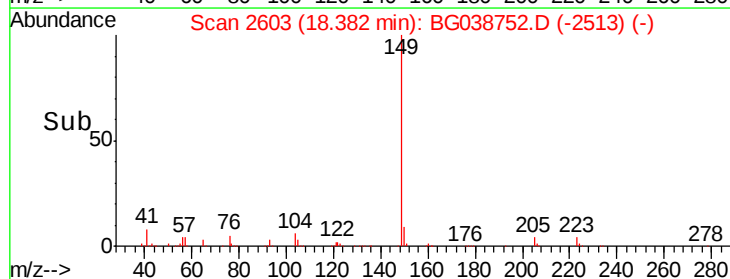
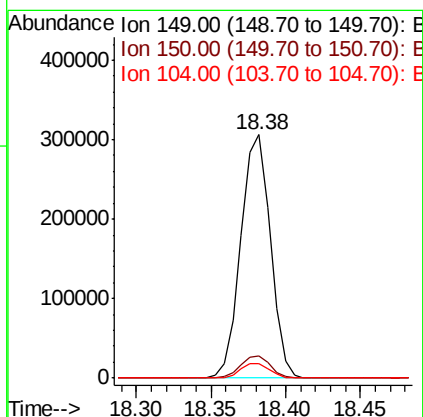
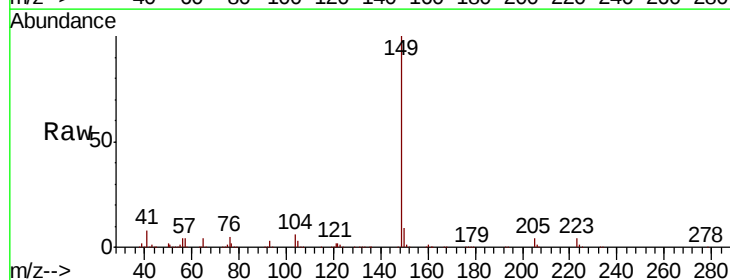
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.9	26.9
139	12.6	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 44.301 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	5.7	5.0	7.4

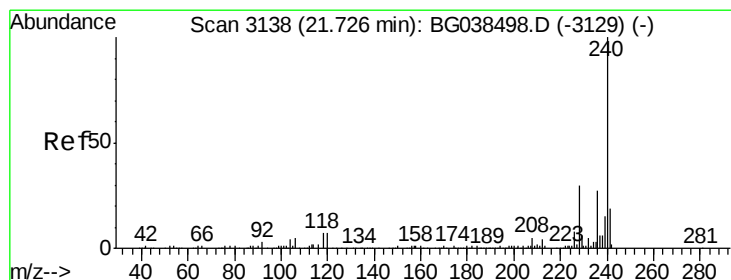
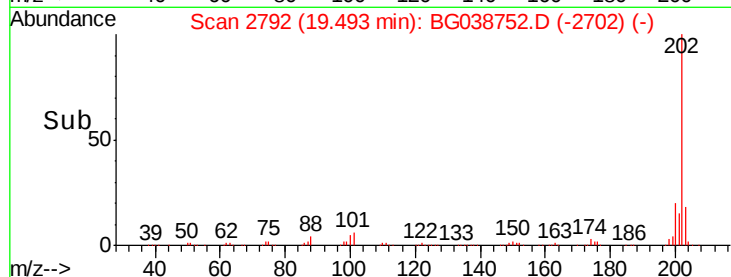
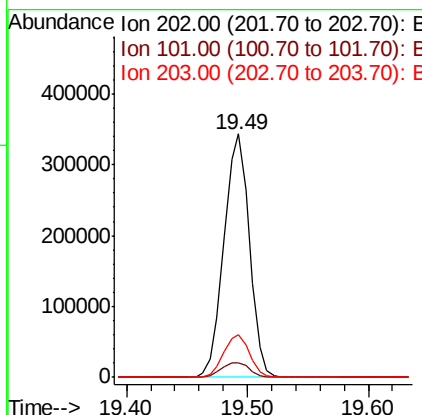
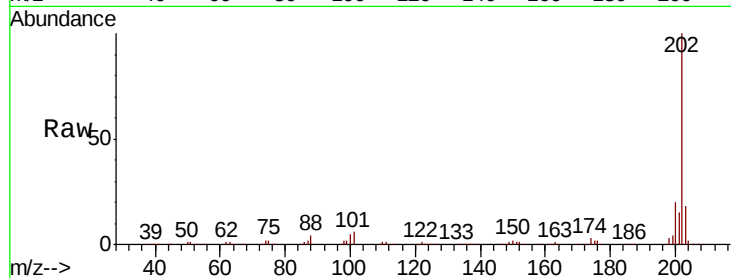




#75
 Fluoranthene
 Concen: 47.850 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

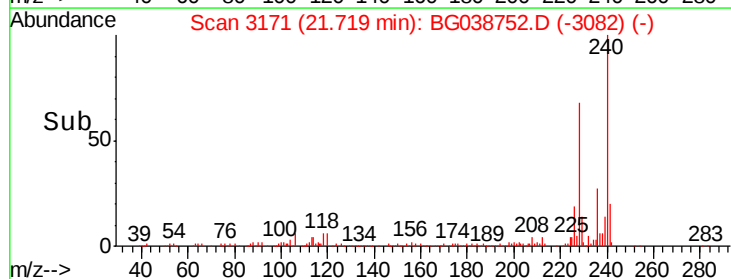
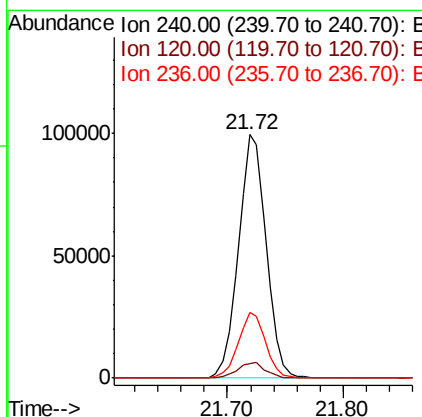
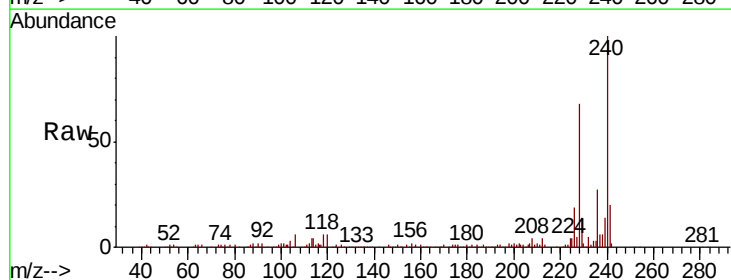
Instrument :
 BNA_G
 ClientSampleId :

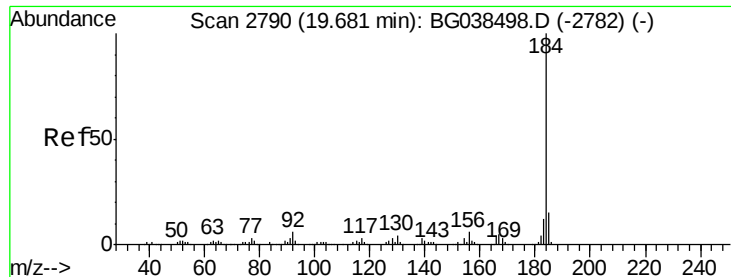
Tot Ion	Ratio	Resp	Lower	Upper
202	100	502263		
101	6.2		0.0	28.1
203	17.8		0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038752.D
 Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	164519		
120	6.1		5.3	7.9
236	26.9		21.4	32.2





#77

Benzidine

Concen: 11.269 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

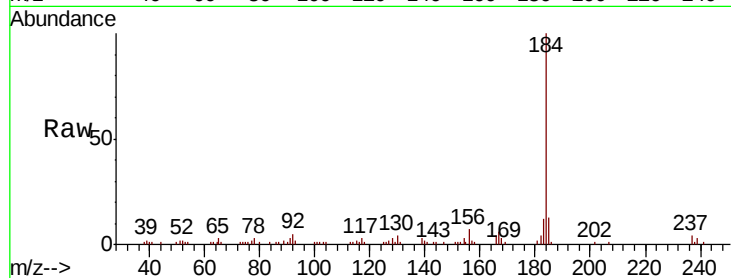
Tot Ion:184 Resp: 54827

Ion Ratio Lower Upper

184 100

185 13.3 12.2 18.2

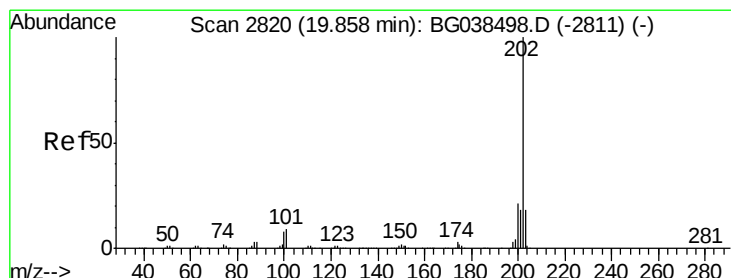
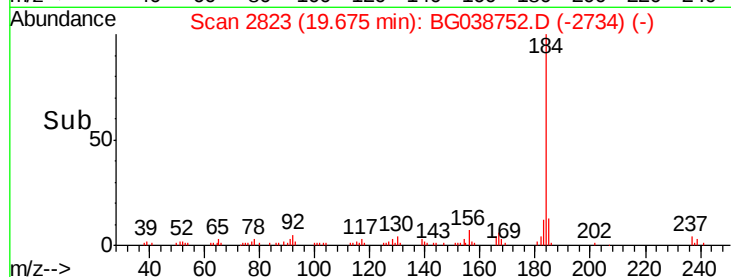
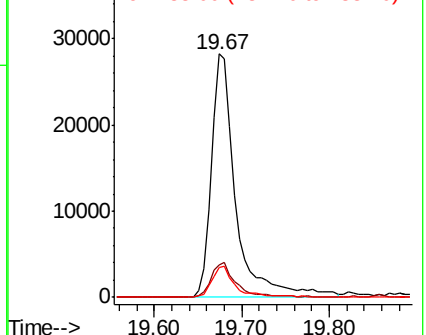
183 12.4 9.6 14.4



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: 46.305 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

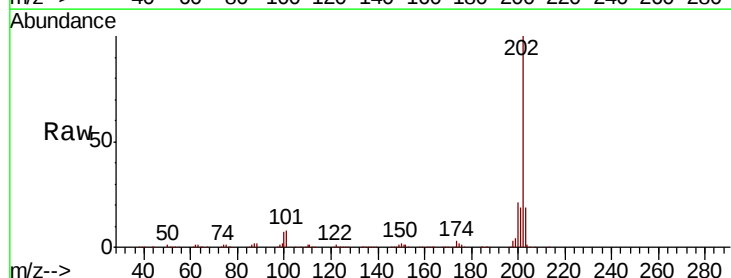
Tgt Ion:202 Resp: 503268

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

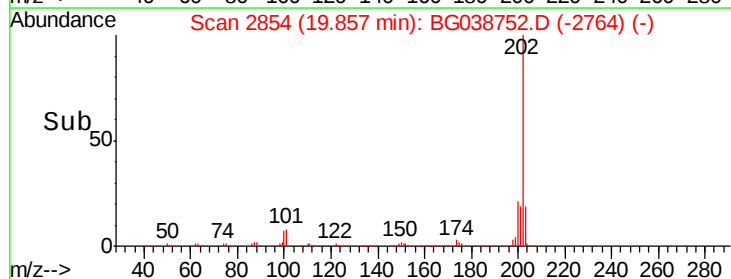
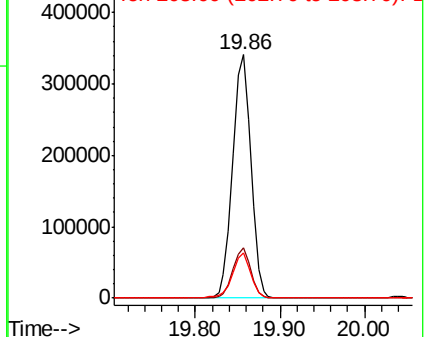
203 18.6 14.6 21.8

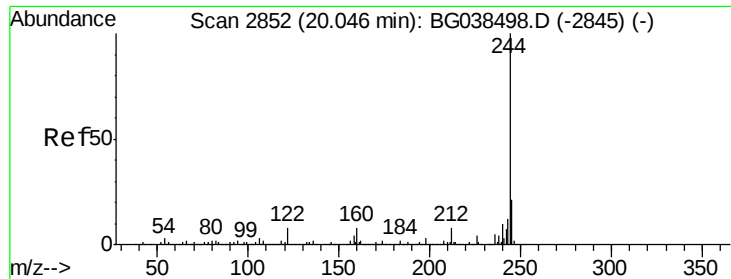


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.636 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

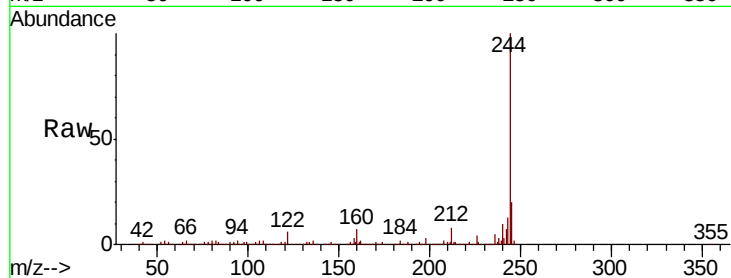
Tot Ion:244 Resp: 775872

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

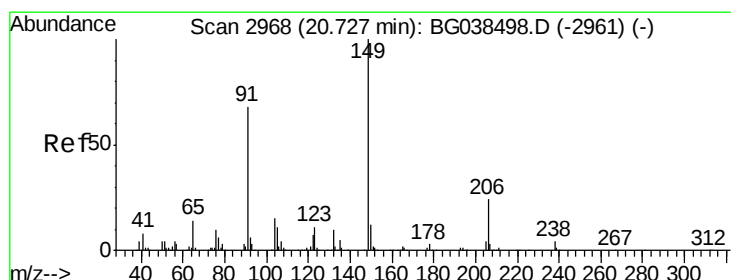
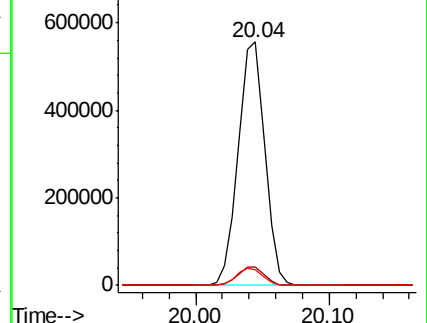
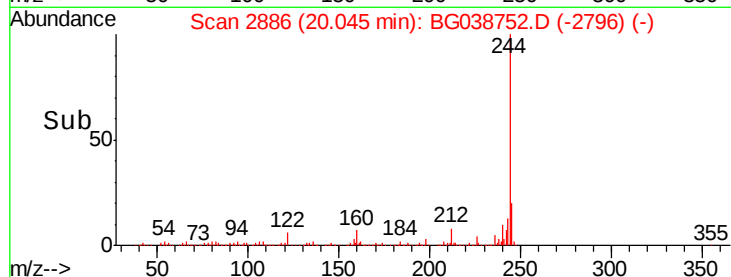
122 6.5 6.3 9.5



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: 44.027 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

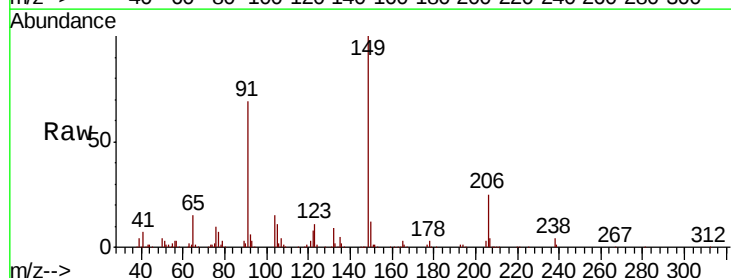
Tgt Ion:149 Resp: 186948

Ion Ratio Lower Upper

149 100

91 69.2 54.5 81.7

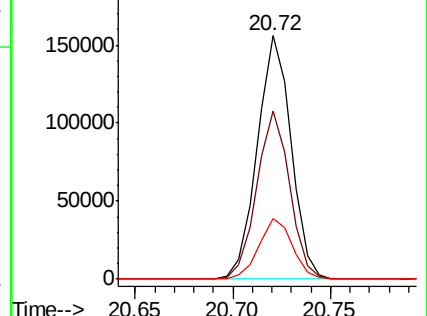
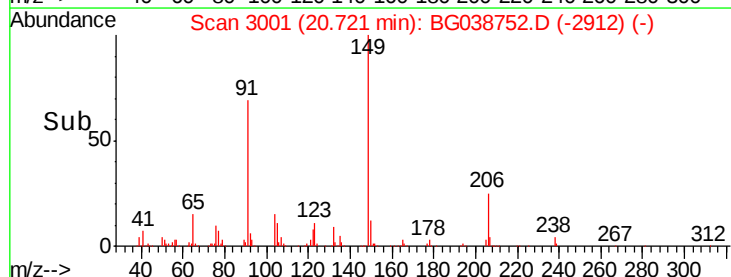
206 24.7 19.0 28.6

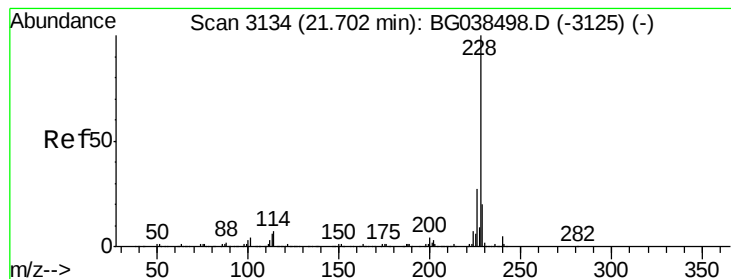


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.942 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

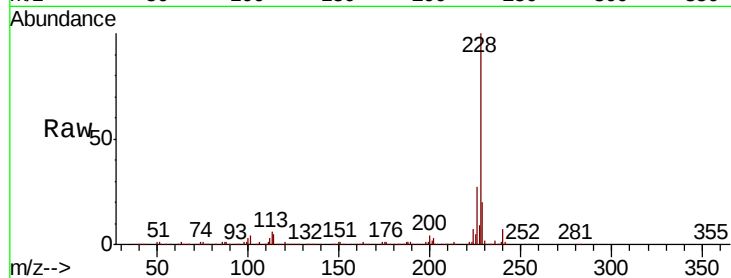
Tot Ion:228 Resp: 490642

Ion Ratio Lower Upper

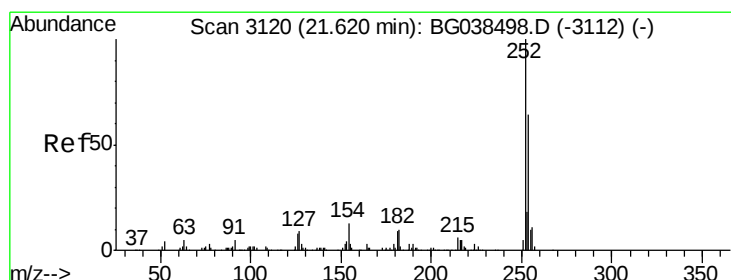
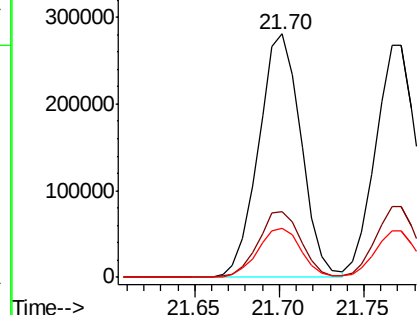
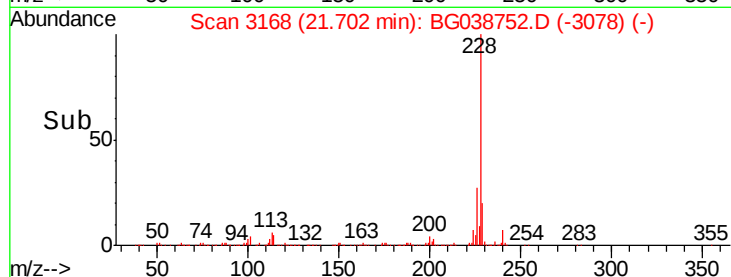
228 100

226 27.0 21.8 32.8

229 20.1 15.8 23.6



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: 19.458 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

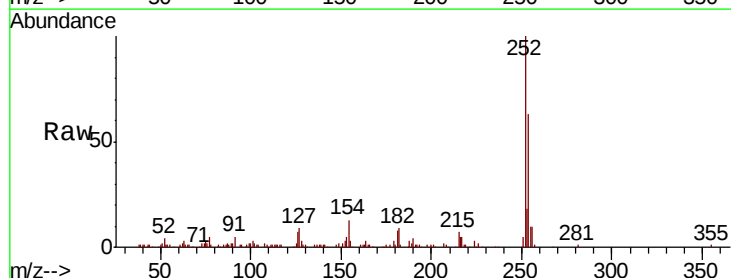
Tgt Ion:252 Resp: 77362

Ion Ratio Lower Upper

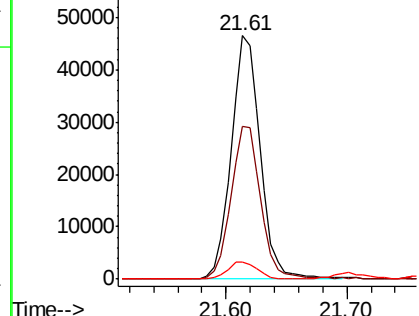
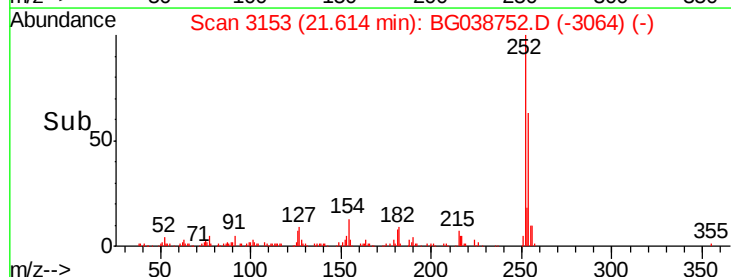
252 100

254 62.7 50.9 76.3

126 7.1 6.3 9.5



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: 47.156 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

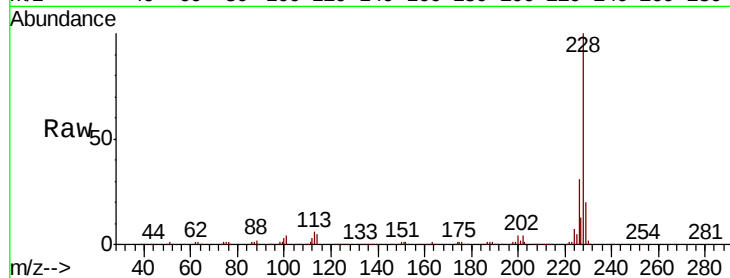
Tot Ion:228 Resp: 455337

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

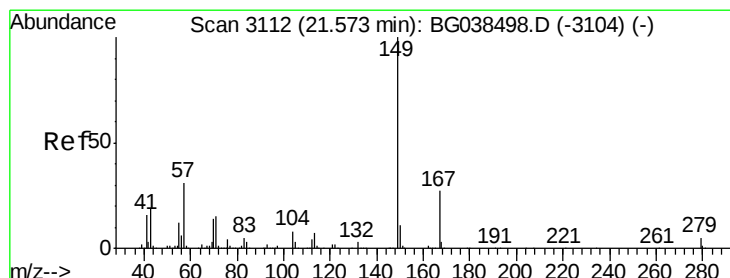
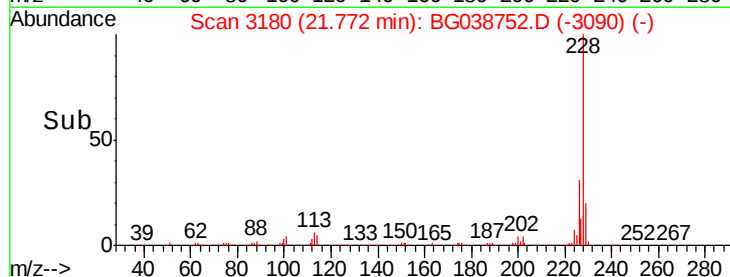
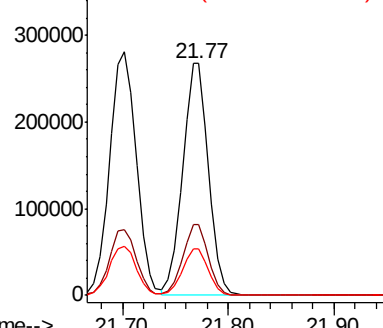
229 20.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.836 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

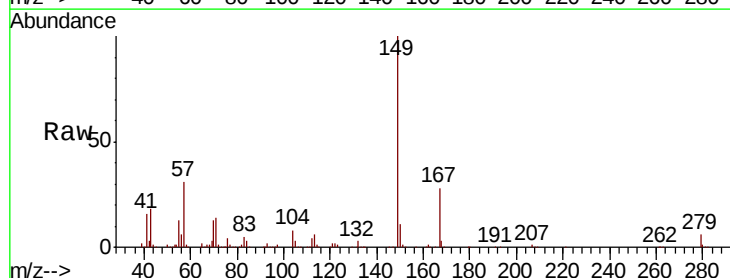
Tgt Ion:149 Resp: 263995

Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

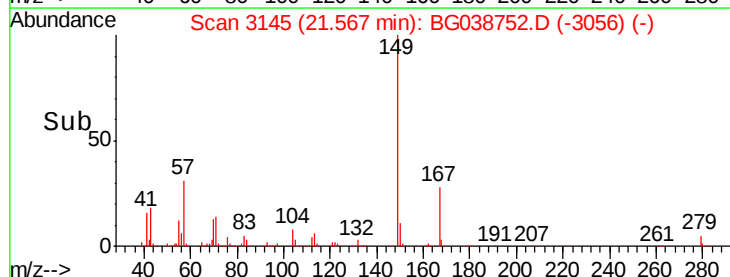
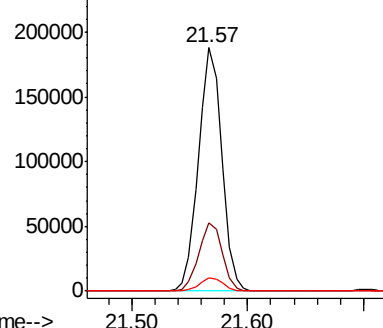
279 5.5 4.2 6.2

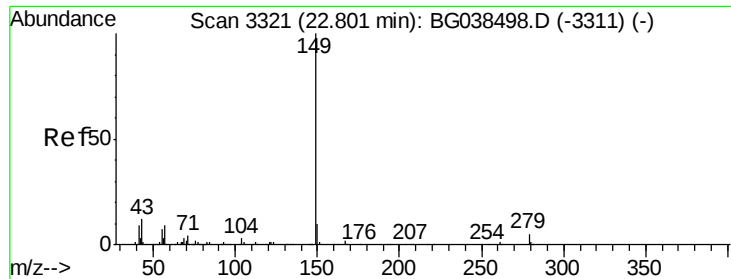


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

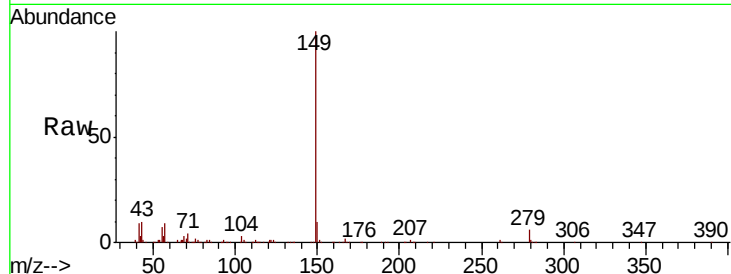




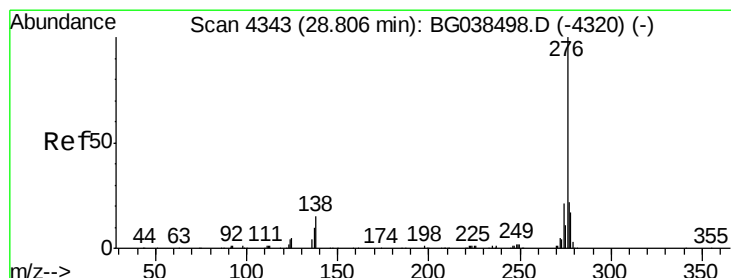
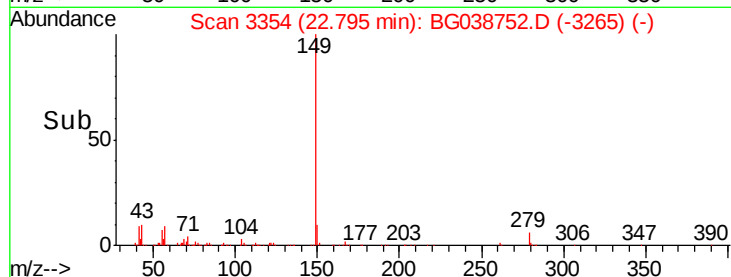
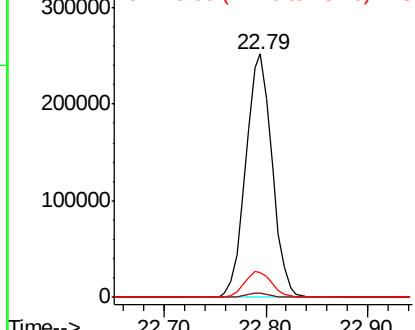
#85
Di-n-octyl phthalate
Concen: 44.689 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.0	9.3	13.9

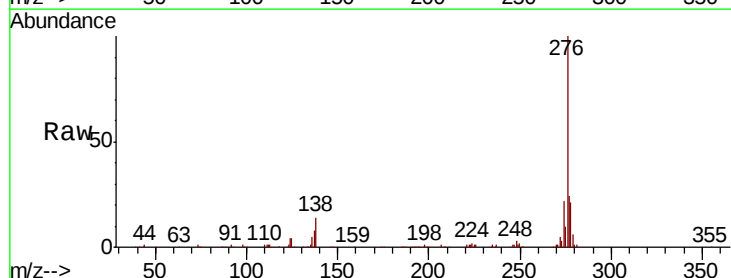


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

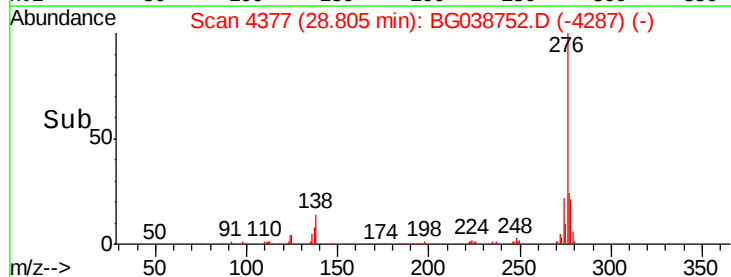
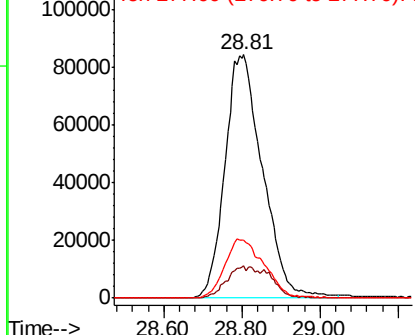


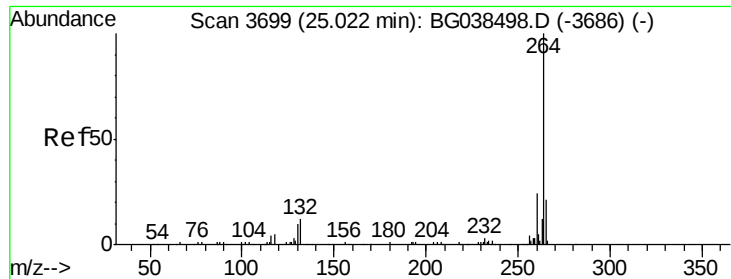
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.783 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.9	14.4	21.6#
277	25.4	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

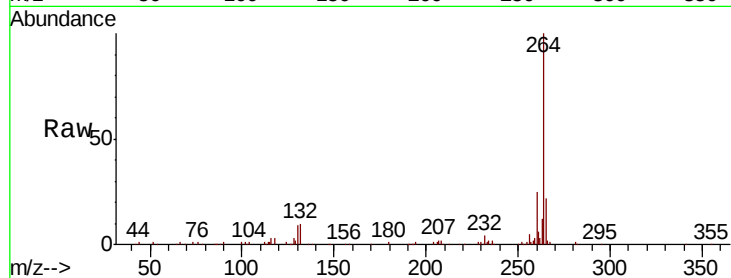
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 179959

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.9	28.3
265	22.2	17.0	25.4



Abundance

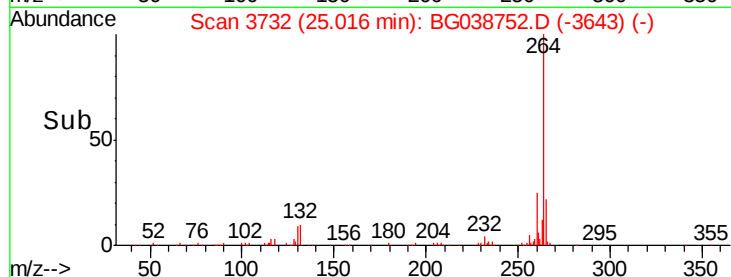
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.02

Time-->



#88

Benzo(b)fluoranthene

Concen: 50.747 ng

RT: 23.96 min Scan# 3553

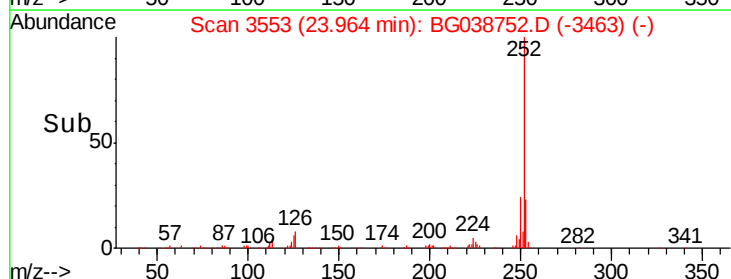
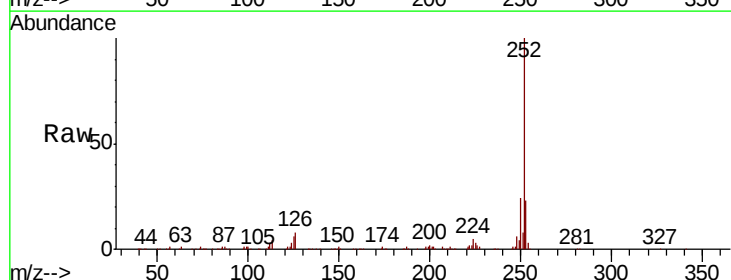
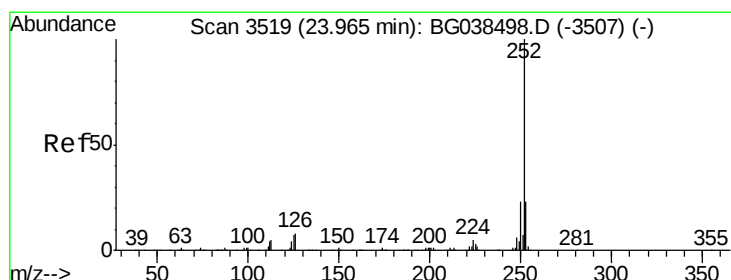
Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Tgt Ion:252 Resp: 501406

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.2	5.5	8.3



Abundance

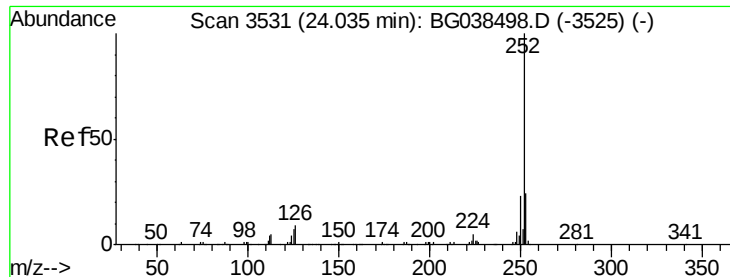
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.96

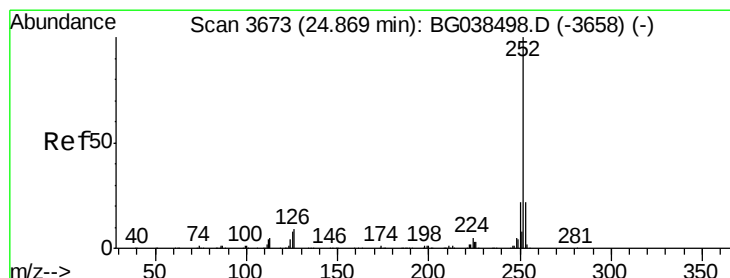
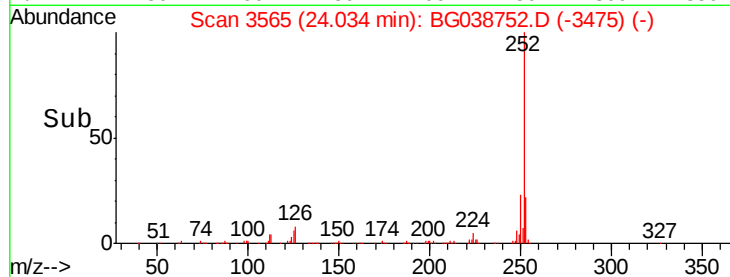
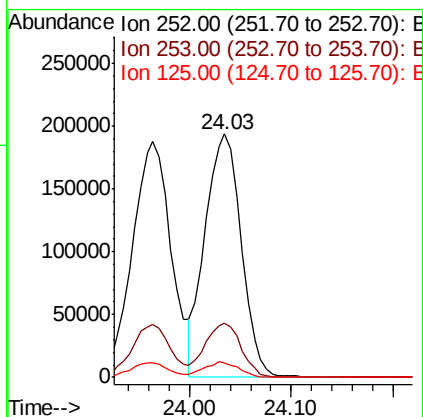
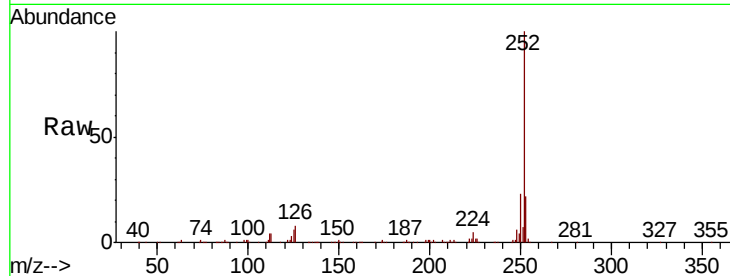
Time-->



#89
Benzo(k)fluoranthene
Concen: 48.463 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

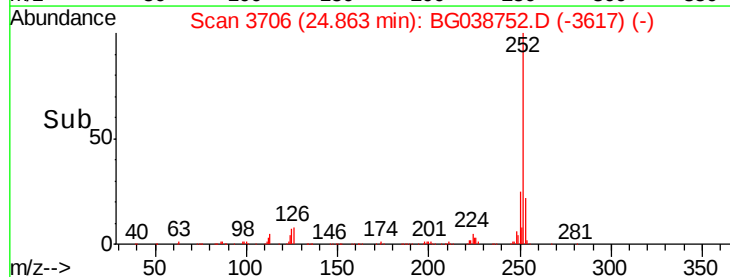
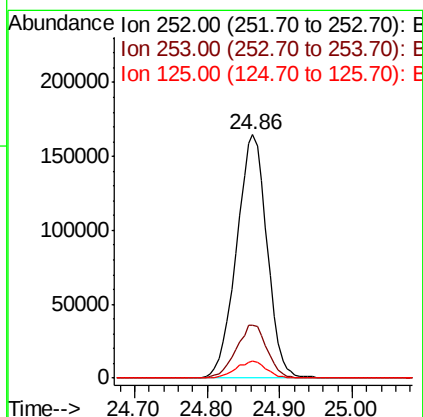
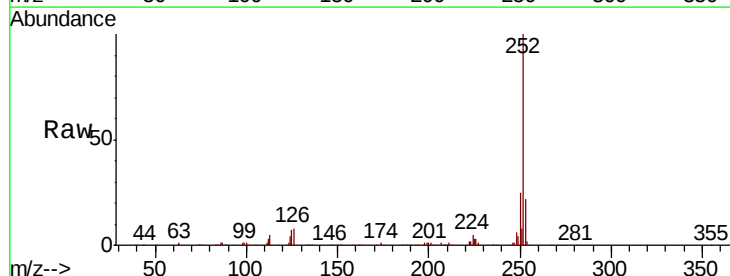
Instrument :
BNA_G
ClientSampled :

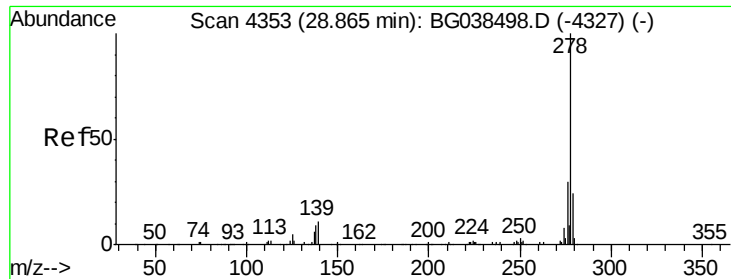
Tot Ion:252 Resp: 476821
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 6.1 5.4 8.2



#90
Benzo(a)pyrene
Concen: 50.480 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038752.D
Acq: 20 Dec 2018 7:36

Tgt Ion:252 Resp: 481178
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 6.8 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 49.387 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

Instrument :

BNA_G

ClientSampleId :

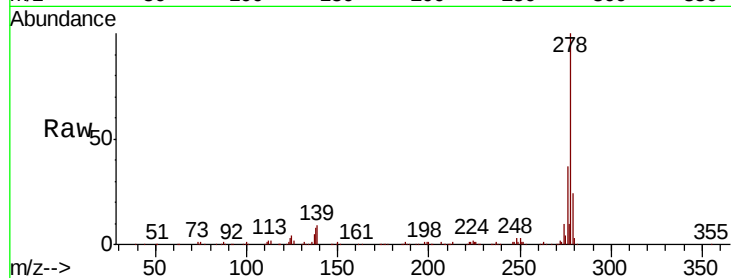
Tot Ion:278 Resp: 468728

Ion Ratio Lower Upper

278 100

139 9.5 8.6 12.8

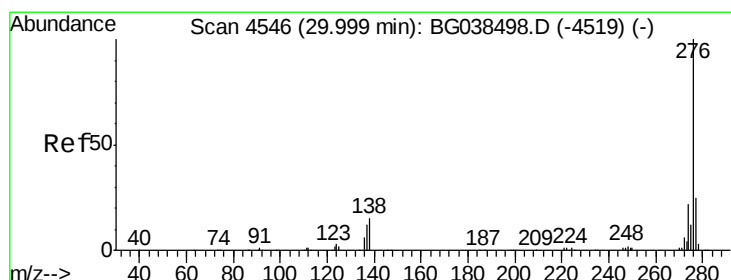
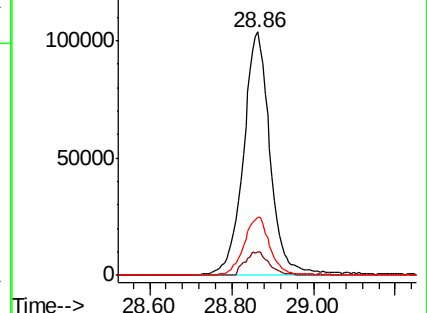
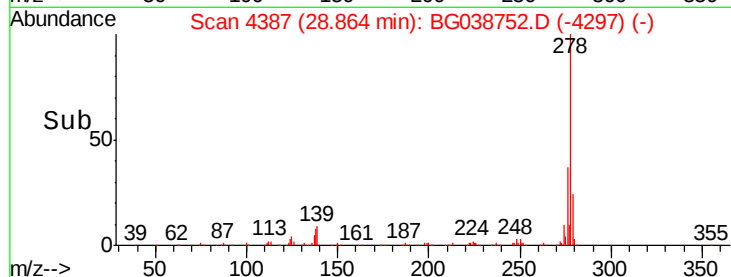
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.289 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038752.D

Acq: 20 Dec 2018 7:36

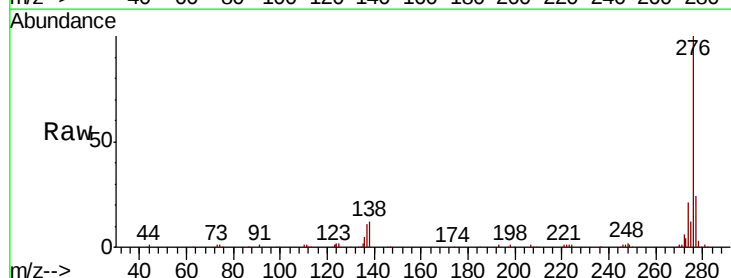
Tgt Ion:276 Resp: 461009

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 12.3 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

