

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010319\
 Data File : BG038909.D
 Acq On : 3 Jan 2019 18:43
 Operator : JU/SJ
 Sample : K1002-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 04:11:57 2019
 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	25510	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	108191	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	78293	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	197603	20.00	ng	0.00
76) Chrysene-d12	21.72	240	198465	20.00	ng	0.00
87) Perylene-d12	25.00	264	215307	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	184947	128.59	ng	0.00
7) Phenol-d6	7.21	99	240355	121.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	171129	80.81	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	169642	157.22	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	467594	81.93	ng	-0.01
79) Terphenyl-d14	20.04	244	904056	99.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	17908	26.753	ng	# 1
3) Pyridine	3.90	79	52290	28.372	ng	98
4) n-Nitrosodimethylamine	3.81	42	32858	36.387	ng	96
6) Aniline	7.38	93	80367	31.885	ng	97
8) 2-Chlorophenol	7.61	128	74249	44.610	ng	97
9) Benzaldehyde	7.19	77	26961	21.049	ng	98
10) Phenol	7.24	94	82219	39.195	ng	100
11) bis(2-Chloroethyl)ether	7.46	93	62752	37.574	ng	92
12) 1,3-Dichlorobenzene	7.93	146	75782	38.508	ng	98
13) 1,4-Dichlorobenzene	8.08	146	78621	39.008	ng	95
14) 1,2-Dichlorobenzene	8.40	146	77111	40.582	ng	99
15) Benzyl Alcohol	8.29	79	70573	45.792	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	127395	33.299	ng	97
17) 2-Methylphenol	8.49	107	64068	45.586	ng	95
18) Hexachloroethane	9.13	117	26960	36.606	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	56290	40.591	ng	93
20) 3+4-Methylphenols	8.82	107	89092	45.901	ng	95
22) Acetophenone	8.88	105	113062	41.838	ng	95
24) Nitrobenzene	9.27	77	84814	39.588	ng	97
25) Isophorone	9.78	82	164234	43.162	ng	98
26) 2-Nitrophenol	9.98	139	45570	41.559	ng	94
27) 2,4-Dimethylphenol	10.03	122	78672	50.062	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	91614	42.665	ng	99
29) 2,4-Dichlorophenol	10.51	162	90061	51.514	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	90963	43.075	ng	93
31) Naphthalene	10.91	128	237691	44.589	ng	99
32) Benzoic acid	10.03	122	78672	72.290	ng	# 11
33) 4-Chloroaniline	11.04	127	38689	16.717	ng	98
34) Hexachlorobutadiene	11.17	225	59825	41.868	ng	91
35) Caprolactam	11.82	113	23103	31.932	ng	# 84
36) 4-Chloro-3-methylphenol	12.15	107	95619	47.928	ng	96
37) 2-Methylnaphthalene	12.52	142	187322	49.257	ng	99
38) 1-Methylnaphthalene	12.74	142	178528	48.377	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	117856	40.271	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	129966	80.833	nq	93
43) 2,4,6-Trichlorophenol	13.12	196	84911	47.188	nq	96
44) 2,4,5-Trichlorophenol	13.21	196	93553	49.104	nq	97
46) 1,1'-Biphenyl	13.52	154	252456	38.464	nq	98
47) 2-Chloronaphthalene	13.57	162	204492	40.334	nq	98
48) 2-Nitroaniline	13.78	65	66481	41.167	nq	93
49) Acenaphthylene	14.42	152	340951	44.984	nq	98
50) Dimethylphthalate	14.14	163	282233	44.143	nq	99
51) 2,6-Dinitrotoluene	14.27	165	64318	44.390	nq	91
52) Acenaphthene	14.75	154	195392	43.112	nq	100
53) 3-Nitroaniline	14.61	138	47394	32.088	nq	90
54) 2,4-Dinitrophenol	14.82	184	5239	10.865	nq	92
55) Dibenzofuran	15.09	168	341773	43.993	nq	96
56) 4-Nitrophenol	14.92	139	67227	59.998	nq	96
57) 2,4-Dinitrotoluene	15.06	165	90862	44.524	nq	94
58) Fluorene	15.73	166	275015	47.780	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	82532	48.149	nq	94
60) Diethylphthalate	15.49	149	290786	41.429	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	159828	44.505	nq	96
62) 4-Nitroaniline	15.77	138	65819	43.285	nq	96
63) Azobenzene	16.01	77	228383	38.950	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	13507	9.582	nq	87
66) n-Nitrosodiphenylamine	15.94	169	252447	43.480	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	105914	43.888	nq	95
68) Hexachlorobenzene	16.73	284	115153	46.031	nq	96
69) Atrazine	16.88	200	102863	47.739	nq	99
70) Pentachlorophenol	17.08	266	38125	25.765	nq	99
71) Phenanthrene	17.48	178	476584	46.510	nq	99
72) Anthracene	17.57	178	484175	47.862	nq	99
73) Carbazole	17.85	167	417758	41.757	nq	98
74) Di-n-butylphthalate	18.38	149	489380	42.630	nq	99
75) Fluoranthene	19.49	202	586269	46.242	nq	97
77) Benzidine	19.67	184	183034	31.184	nq	97
78) Pyrene	19.85	202	584570	44.586	nq	99
80) Butylbenzylphthalate	20.71	149	215296	42.030	nq	99
81) Benzo(a)anthracene	21.70	228	564634	46.689	nq	99
82) 3,3'-Dichlorobenzidine	21.61	252	147254	30.701	nq	98
83) Chrysene	21.77	228	524315	45.012	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	308064	42.404	nq	97
85) Di-n-octyl phthalate	22.78	149	522292	42.927	nq	97
86) Indeno(1,2,3-cd)pyrene	28.80	276	645660	47.147	nq	# 76
88) Benzo(b)fluoranthene	23.96	252	560844	47.444	nq	98
89) Benzo(k)fluoranthene	24.03	252	555555	47.195	nq	95
90) Benzo(a)pyrene	24.86	252	553575	48.540	nq	# 98
91) Dibenzo(a,h)anthracene	28.85	278	537439	47.330	nq	98
92) Benzo(g,h,i)perylene	29.98	276	540535	48.303	nq	96

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

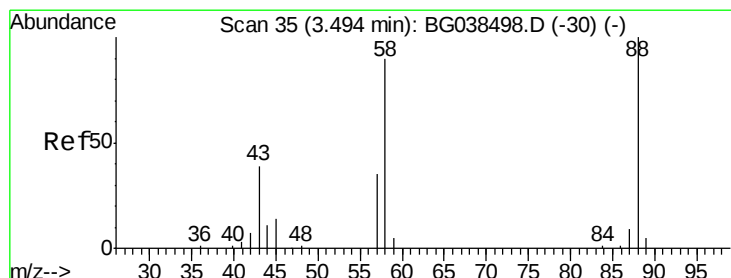
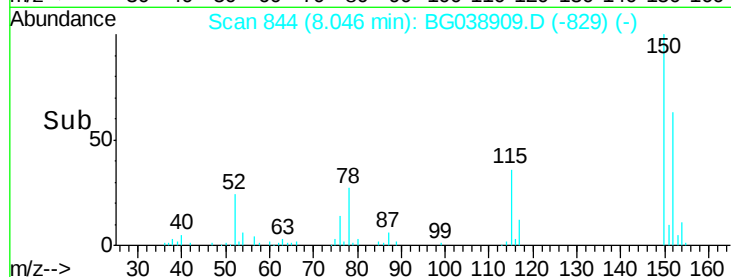
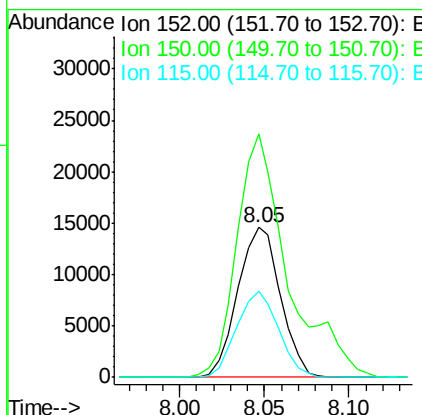
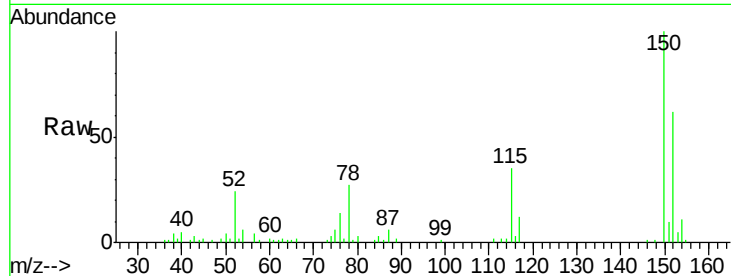


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

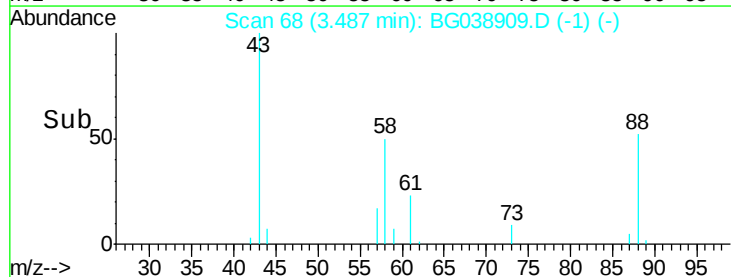
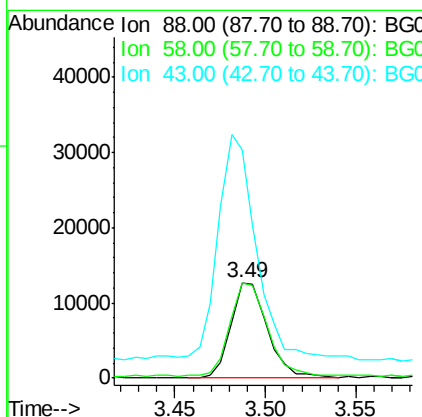
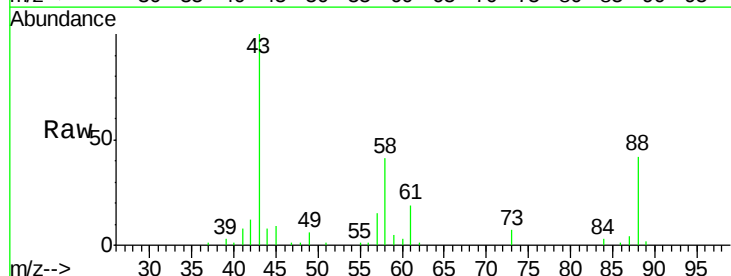
Tot Ion:152 Resp: 25510
Ion Ratio Lower Upper
152 100
150 162.4 119.5 179.3
115 57.3 49.6 74.4

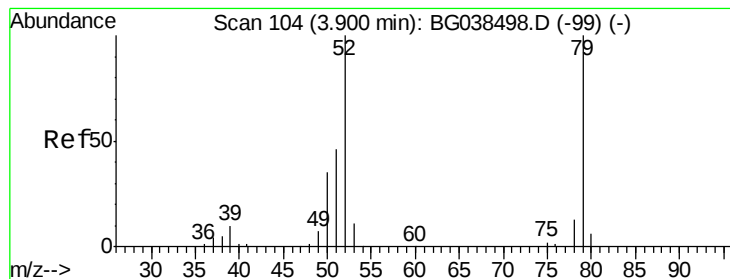


#2

1,4-Dioxane
Concen: 26.753 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion: 88 Resp: 17908
Ion Ratio Lower Upper
88 100
58 102.0 75.7 113.5
43 244.5 31.6 47.4#





#3

Pvridine

Concen: 28.372 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

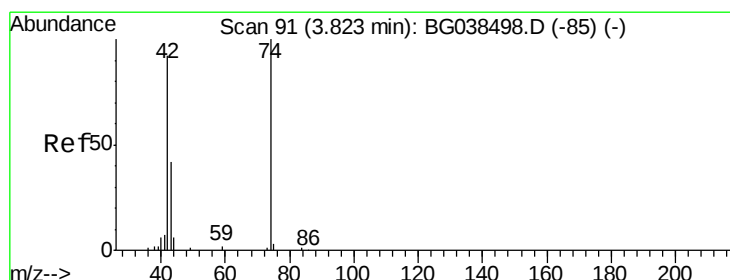
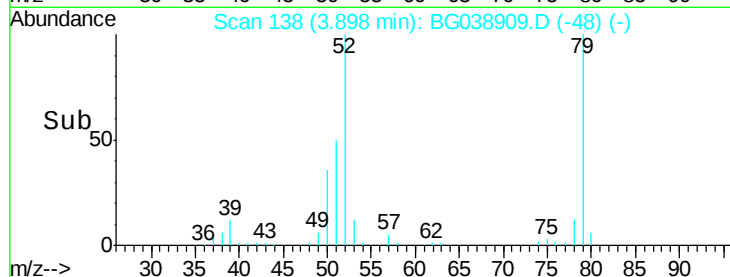
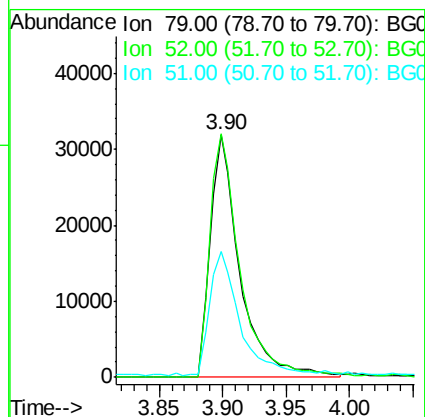
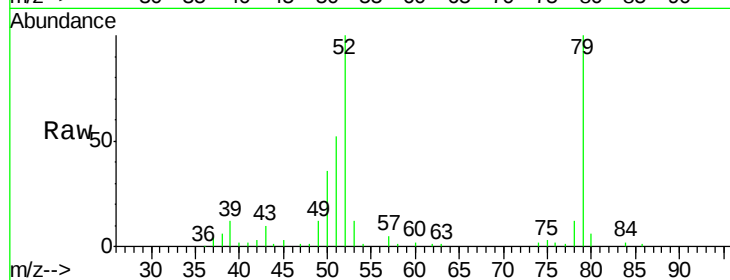
Tot Ion: 79 Resp: 52290

Ion Ratio Lower Upper

79 100

52 100.4 80.2 120.2

51 52.1 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 36.387 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

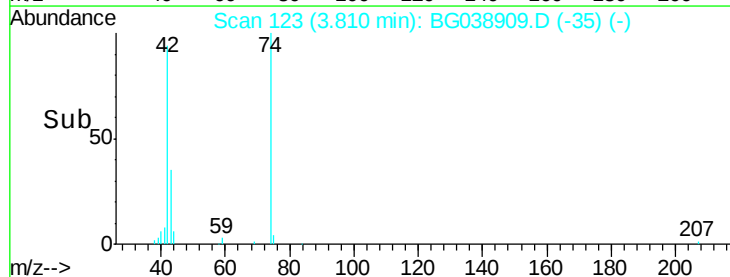
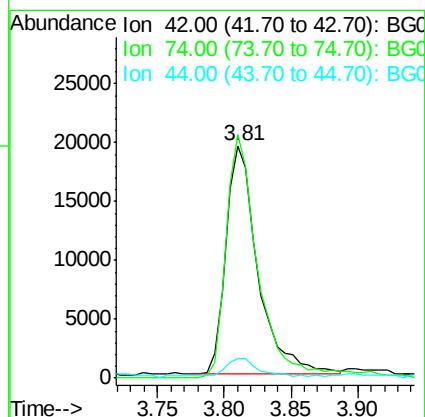
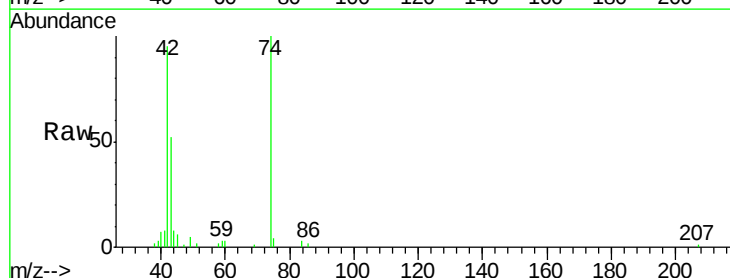
Tgt Ion: 42 Resp: 32858

Ion Ratio Lower Upper

42 100

74 104.8 86.7 130.1

44 8.2 7.8 11.8





#5

2-Fluorophenol

Concen: 128.589 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampled :

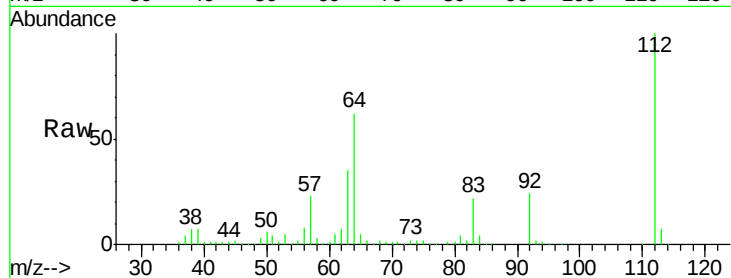
Tot Ion:112 Resp: 184947

Ion Ratio Lower Upper

112 100

64 62.4 53.4 80.2

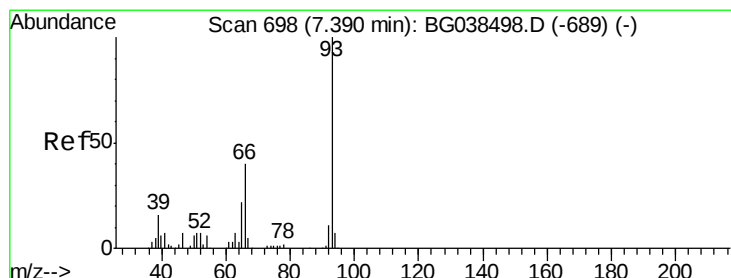
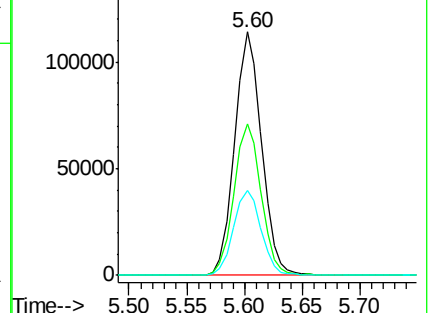
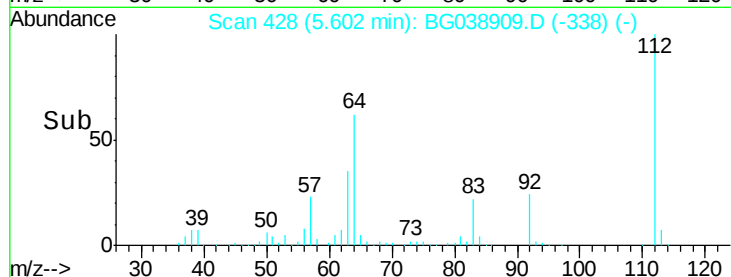
63 34.8 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.885 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

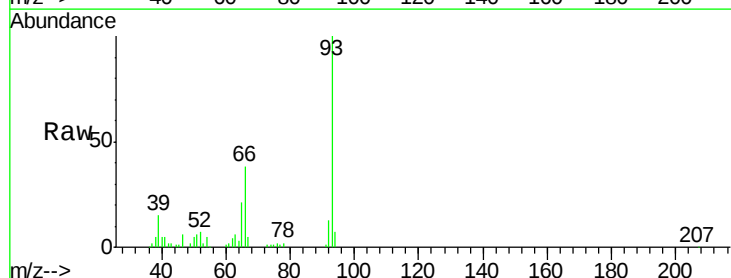
Tgt Ion: 93 Resp: 80367

Ion Ratio Lower Upper

93 100

66 38.2 31.7 47.5

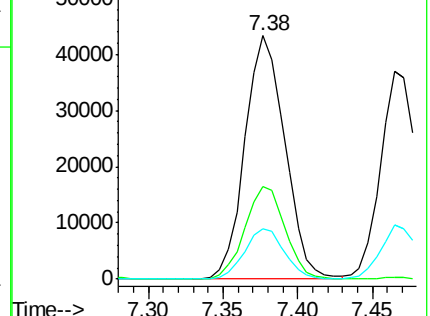
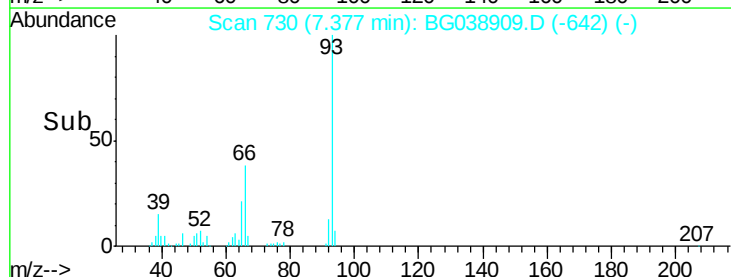
65 20.6 17.8 26.6

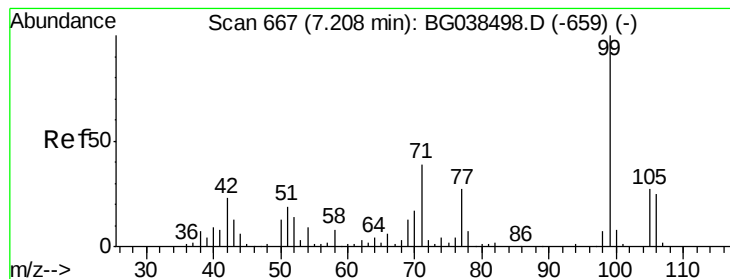


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.731 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

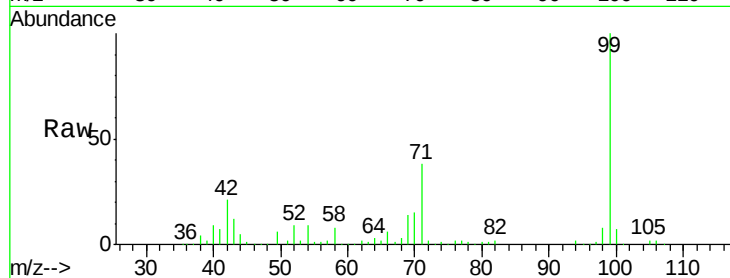
Tot Ion: 99 Resp: 240355

Ion Ratio Lower Upper

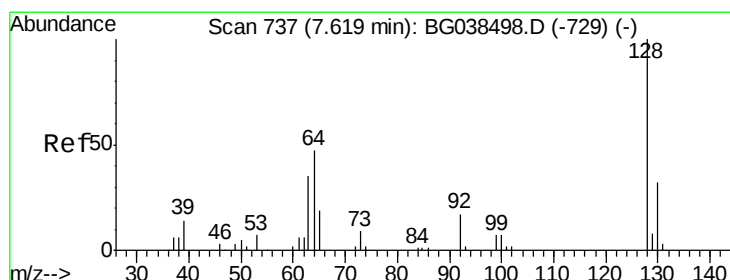
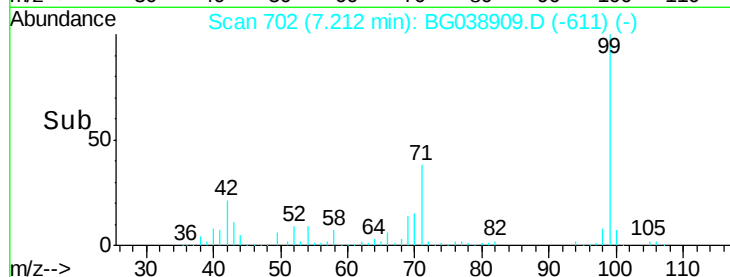
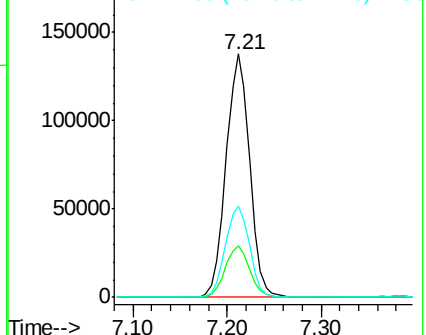
99 100

42 21.1 18.5 27.7

71 37.5 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.610 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

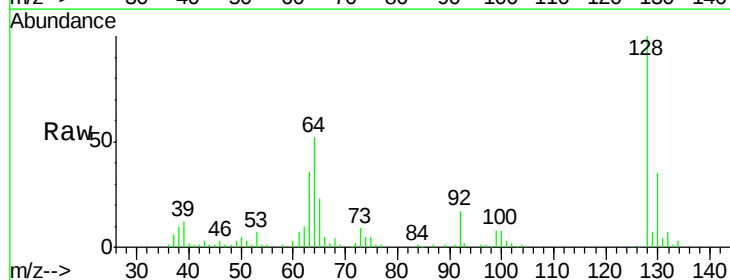
Tgt Ion: 128 Resp: 74249

Ion Ratio Lower Upper

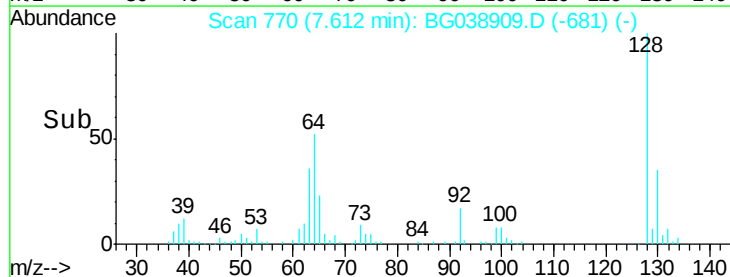
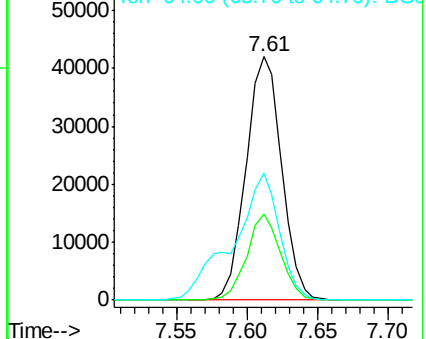
128 100

130 35.2 11.8 51.8

64 52.1 33.2 73.2



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

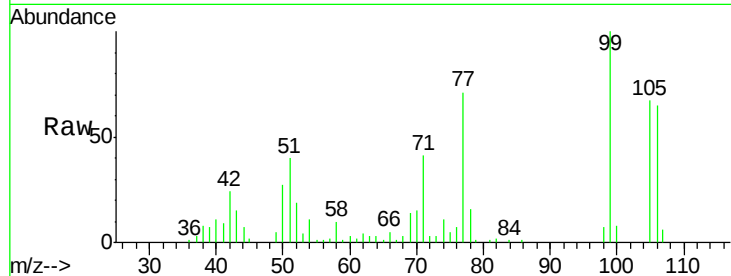




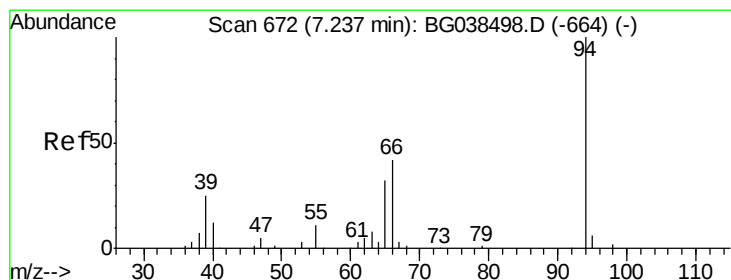
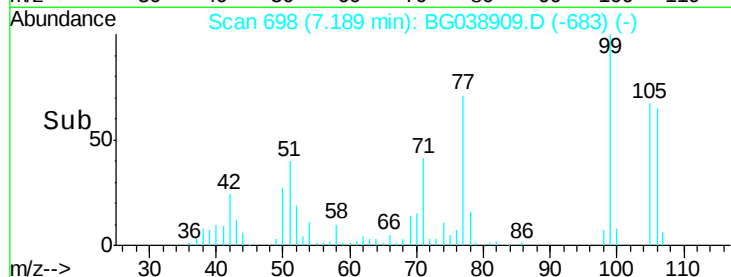
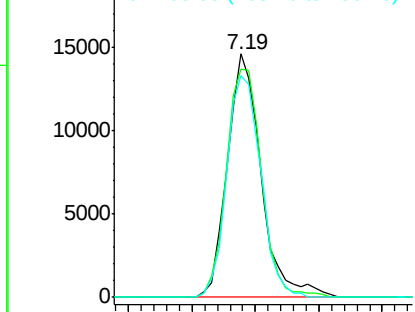
#9
Benzaldehyde
Concen: 21.049 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 26961
Ion Ratio Lower Upper
77 100
105 94.0 74.0 114.0
106 91.0 73.9 113.9

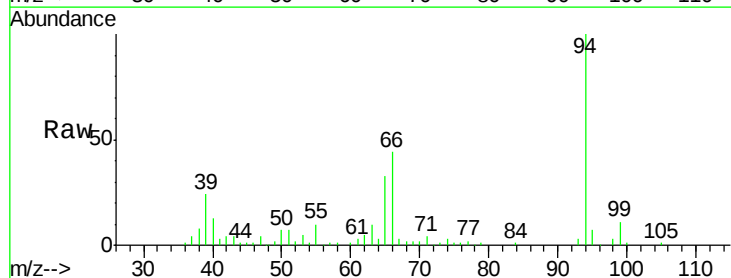


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

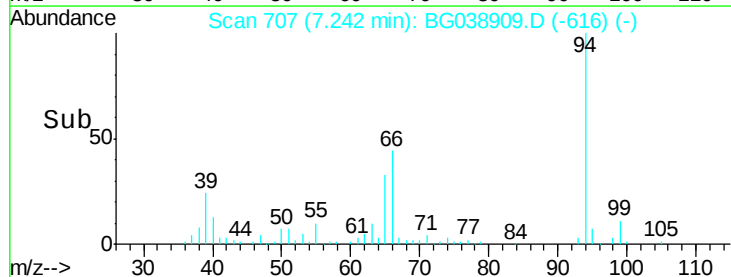
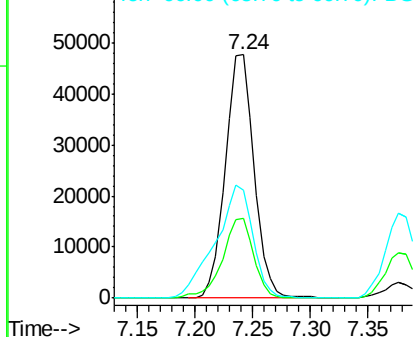


#10
Phenol
Concen: 39.195 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion: 94 Resp: 82219
Ion Ratio Lower Upper
94 100
65 32.9 12.6 52.6
66 44.4 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

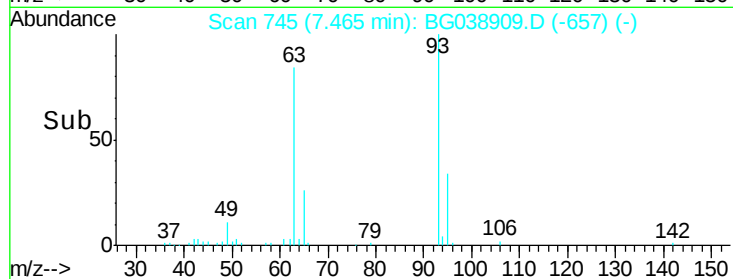
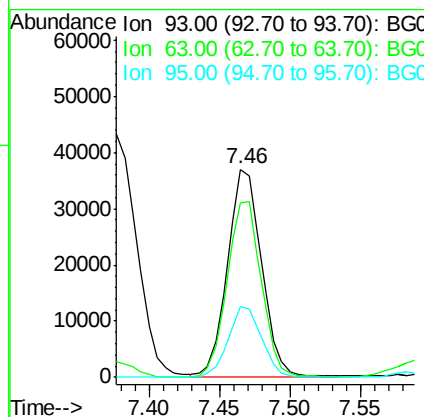
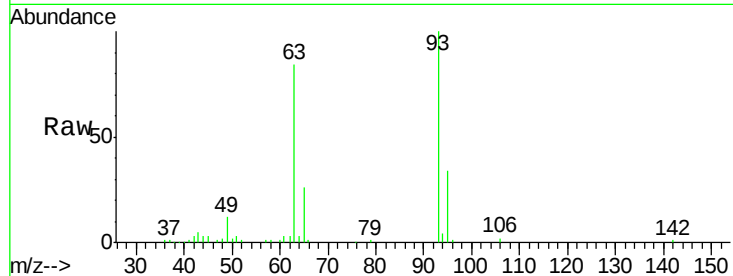




#11
 bis(2-Chloroethyl)ether
 Concen: 37.574 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

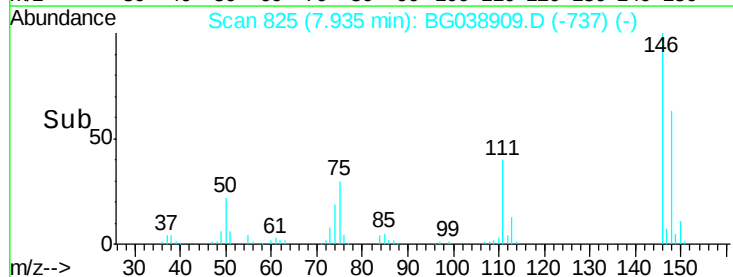
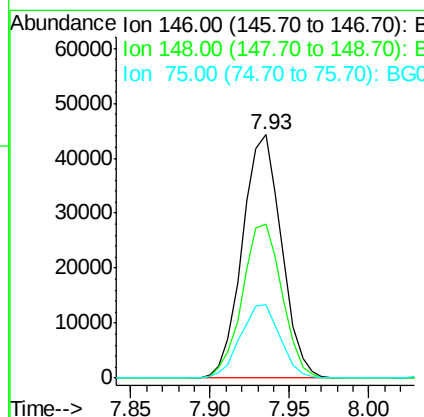
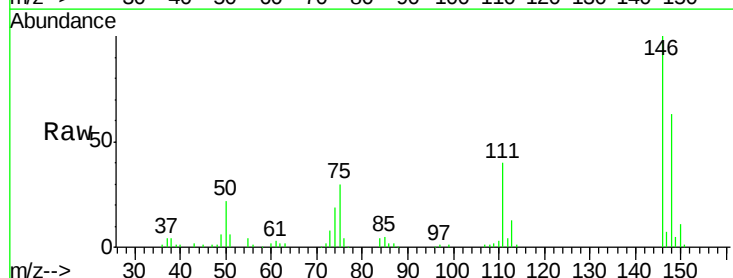
Instrument :
 BNA_G
 ClientSampleId :

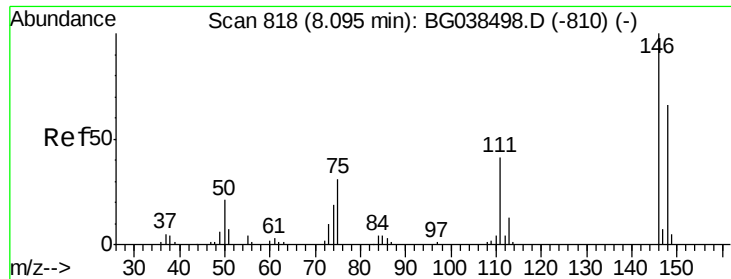
Tot Ion: 93 Resp: 62752
 Ion Ratio Lower Upper
 93 100
 63 84.1 72.2 112.2
 95 34.2 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.508 ng
 RT: 7.93 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion: 146 Resp: 75782
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.0
 75 29.9 26.1 39.1

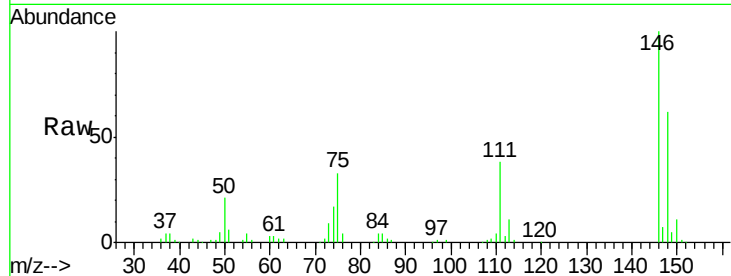




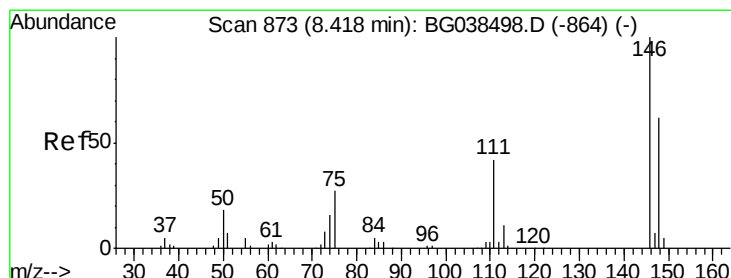
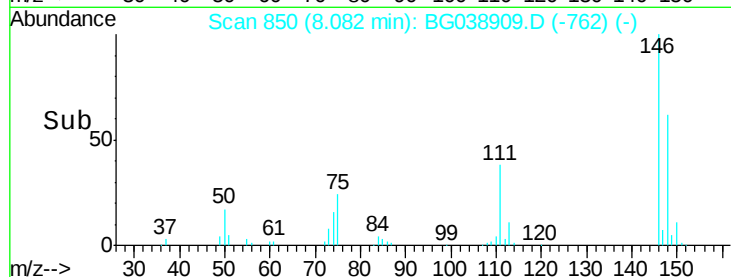
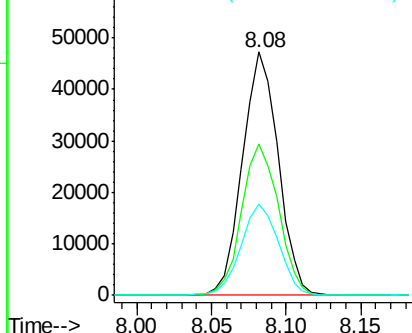
#13
 1,4-Dichlorobenzene
 Concen: 39.008 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 78621
 Ion Ratio Lower Upper
 146 100
 148 62.0 52.4 78.6
 111 37.5 33.0 49.4

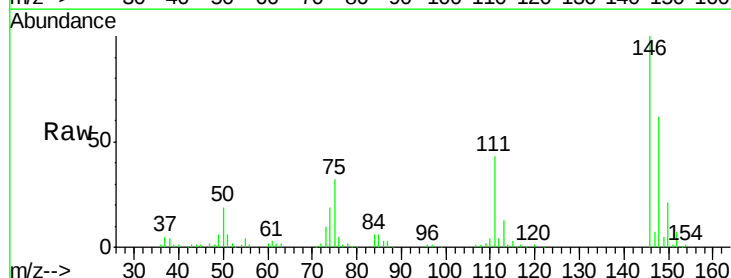


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

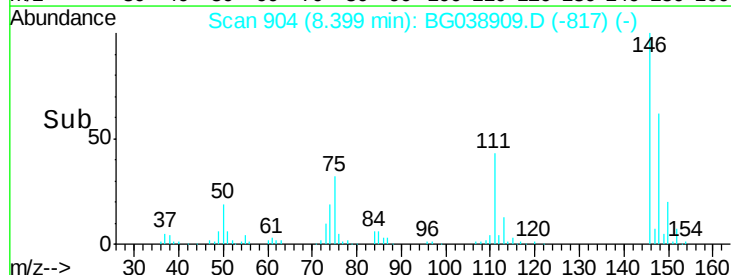
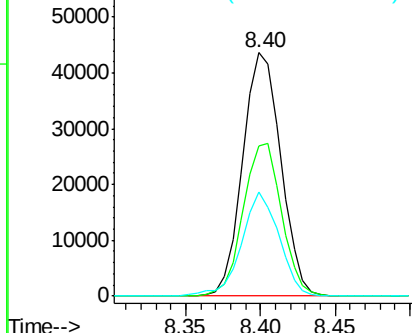


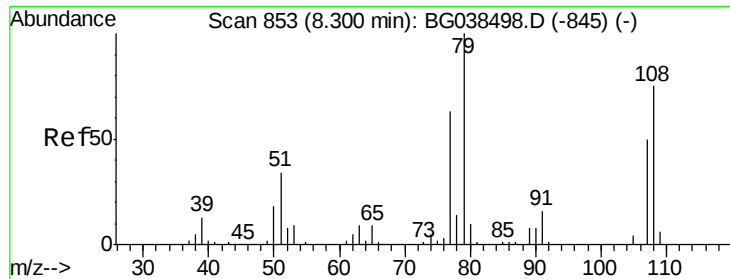
#14
 1,2-Dichlorobenzene
 Concen: 40.582 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:146 Resp: 77111
 Ion Ratio Lower Upper
 146 100
 148 61.6 49.4 74.0
 111 43.0 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

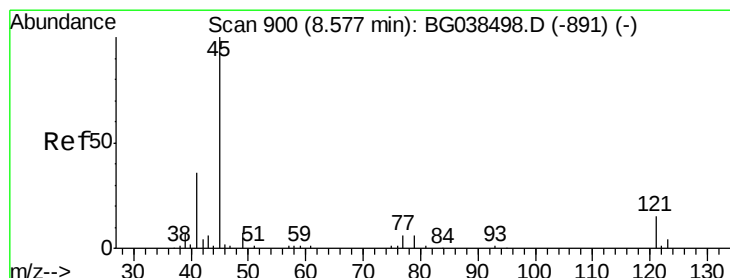
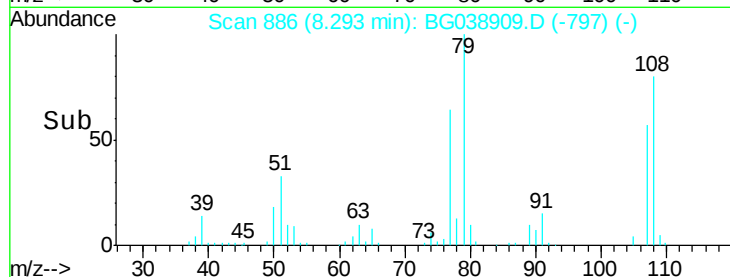
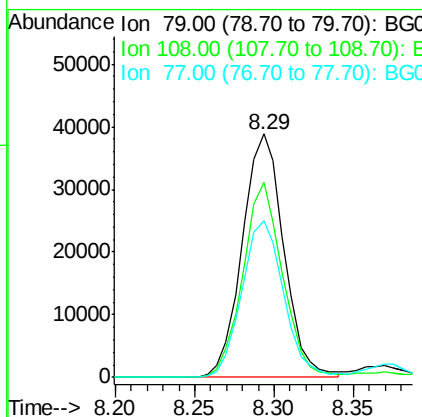
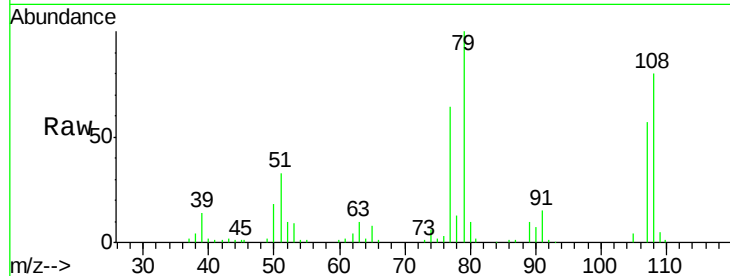




#15
Benzyl Alcohol
Concen: 45.792 ng
RT: 8.29 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

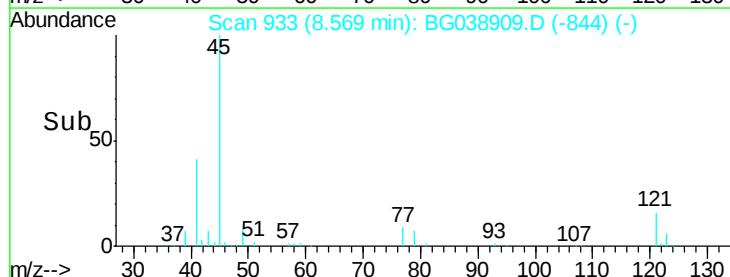
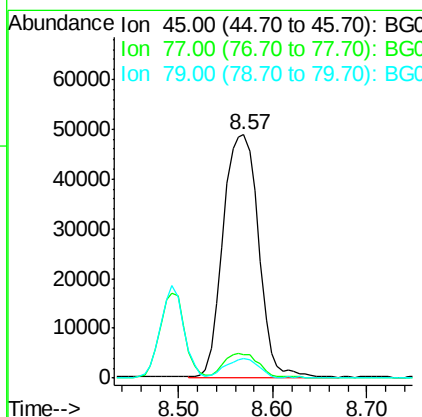
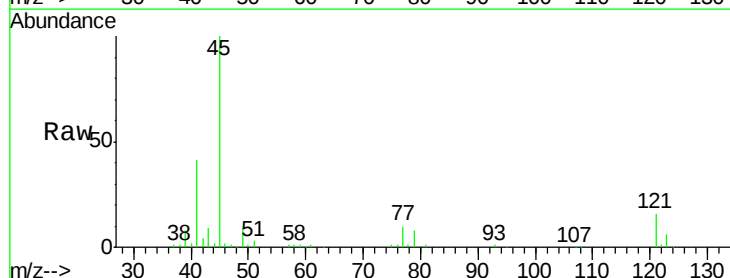
Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 70573
Ion Ratio Lower Upper
79 100
108 80.1 60.2 90.4
77 64.3 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.299 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion: 45 Resp: 127395
Ion Ratio Lower Upper
45 100
77 9.5 0.0 28.2
79 8.0 0.0 27.2

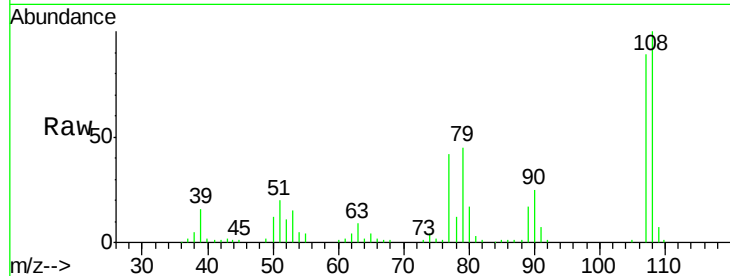




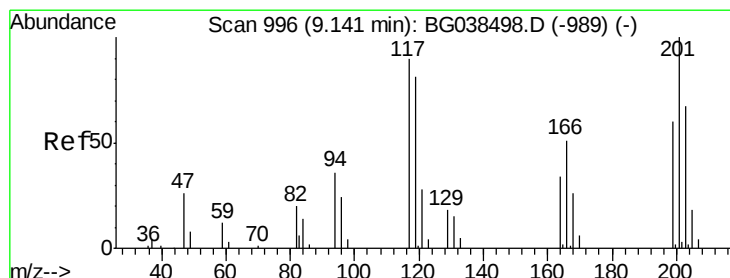
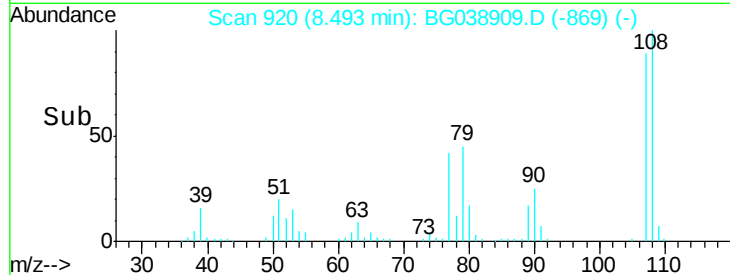
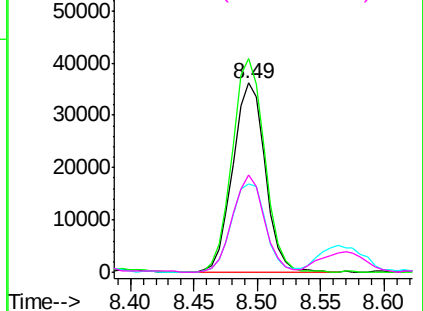
#17
2-Methylphenol
Concen: 45.586 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 64068
Ion Ratio Lower Upper
107 100
108 112.9 87.1 130.7
77 46.8 42.0 63.0
79 51.2 38.2 57.2

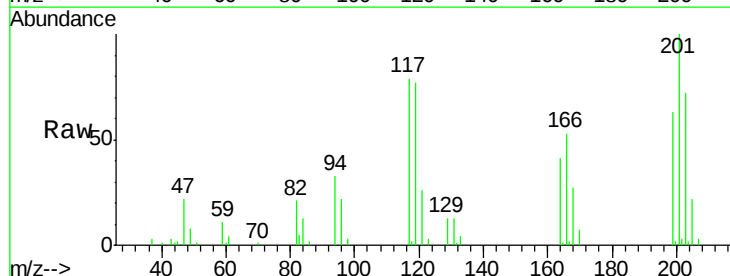


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

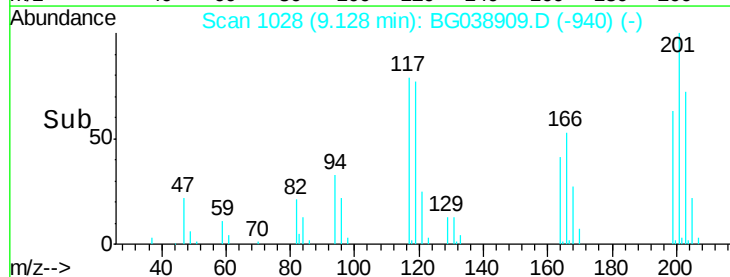
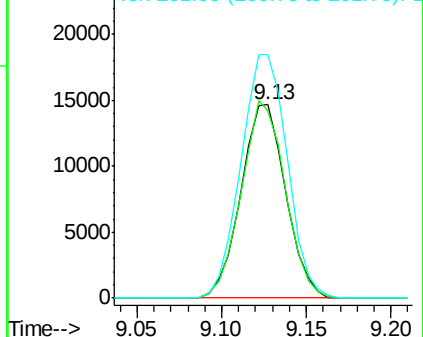


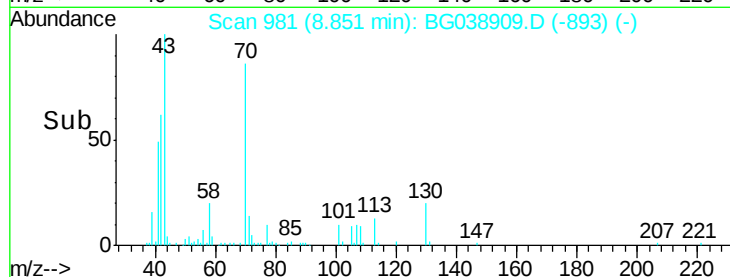
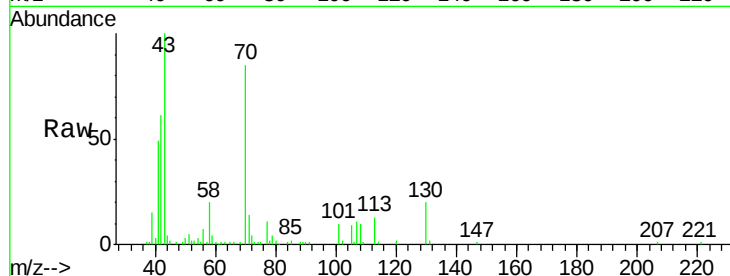
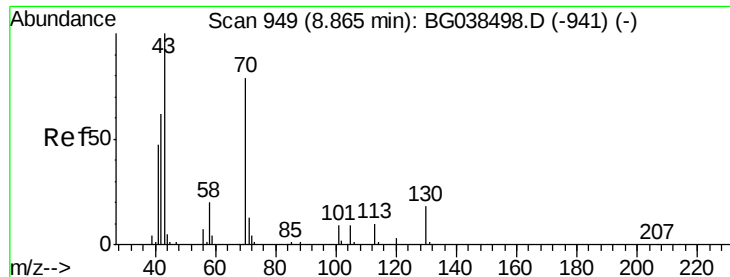
#18
Hexachloroethane
Concen: 36.606 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:117 Resp: 26960
Ion Ratio Lower Upper
117 100
119 94.7 73.8 110.8
201 126.9 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

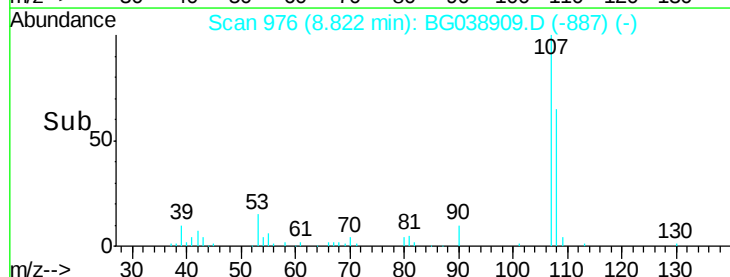
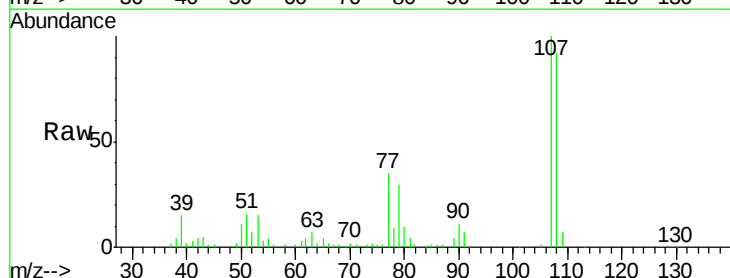
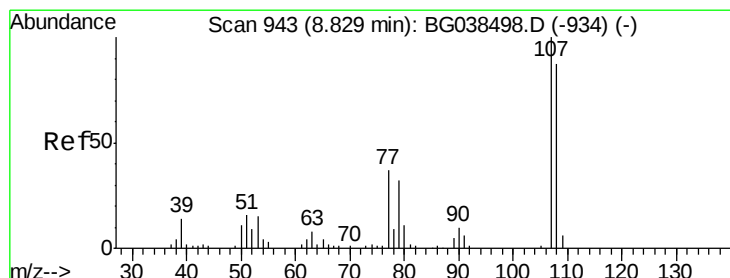
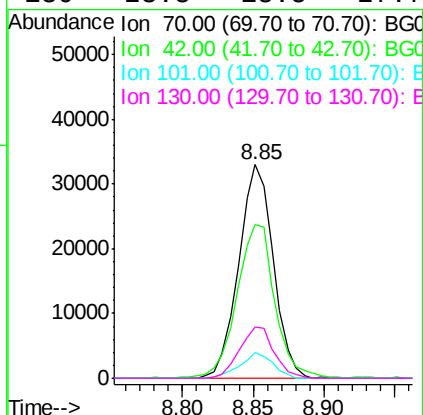




#19
n-Nitroso-di-n-propylamine
Concen: 40.591 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

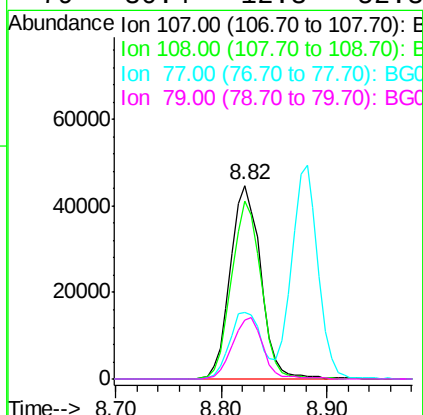
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	56290
Ion	Ratio	Lower	Upper
70	100		
42	71.8	63.6	95.4
101	12.0	9.2	13.8
130	23.8	18.5	27.7



#20
3+4-Methylphenols
Concen: 45.901 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:	107	Resp:	89092
Ion	Ratio	Lower	Upper
107	100		
108	92.0	66.7	106.7
77	34.6	17.3	57.3
79	30.4	12.3	52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 108191

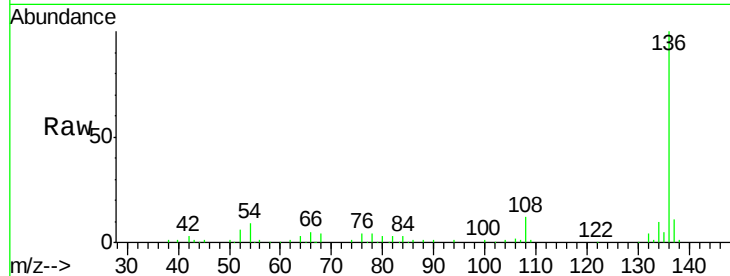
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 9.4 8.5 12.7

68 3.7 3.5 5.3

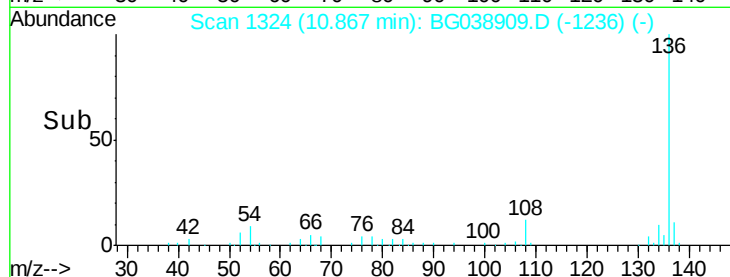


Abundance Ion 136.00 (135.70 to 136.70): E

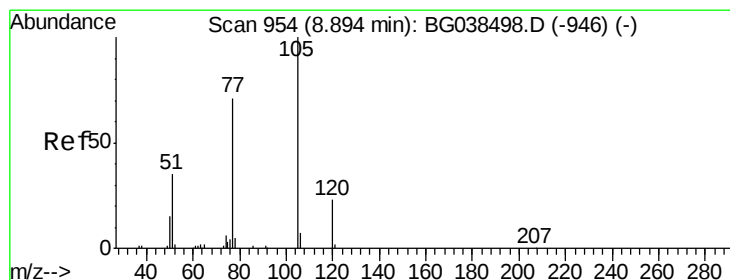
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 41.838 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:105 Resp: 113062

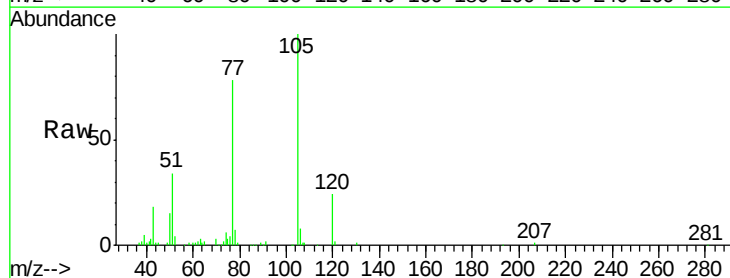
Ion Ratio Lower Upper

105 100

71 0.4 0.4 0.6

51 33.6 30.6 46.0

120 24.0 18.6 28.0

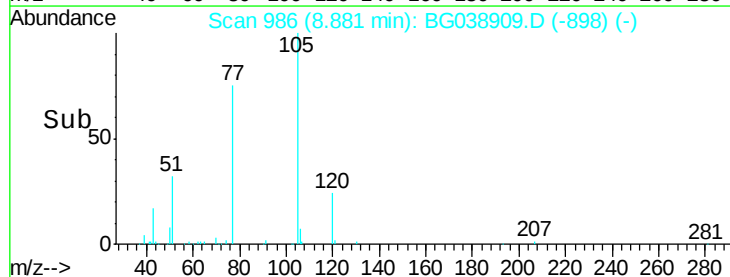


Abundance Ion 105.00 (104.70 to 105.70): E

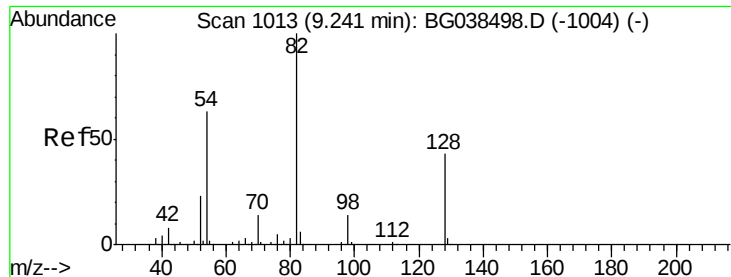
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



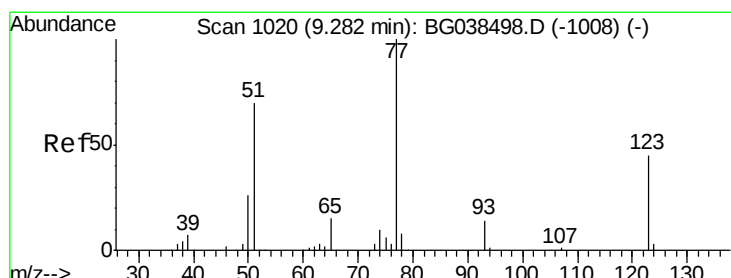
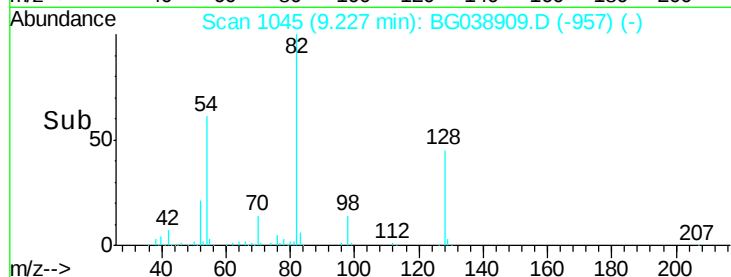
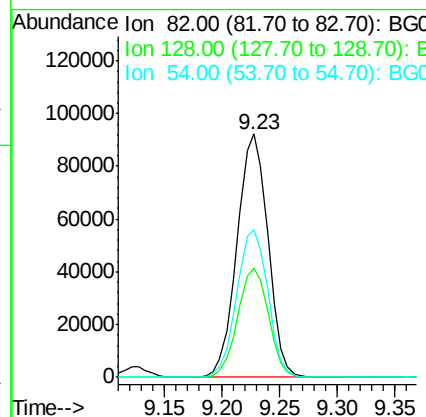
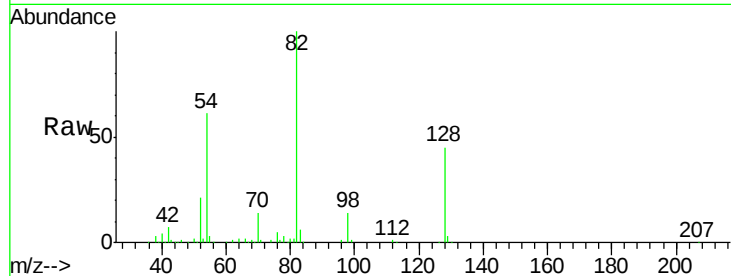
Time-->



#23
 Nitrobenzene-d5
 Concen: 80.806 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

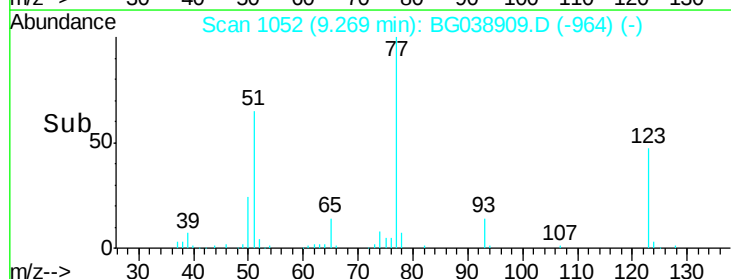
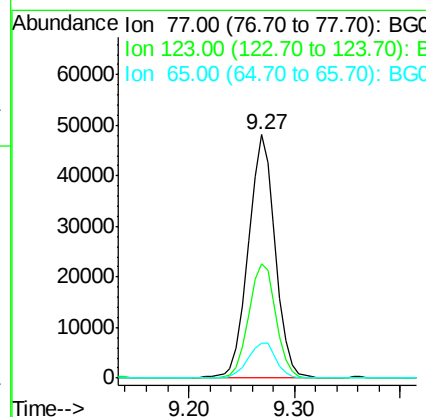
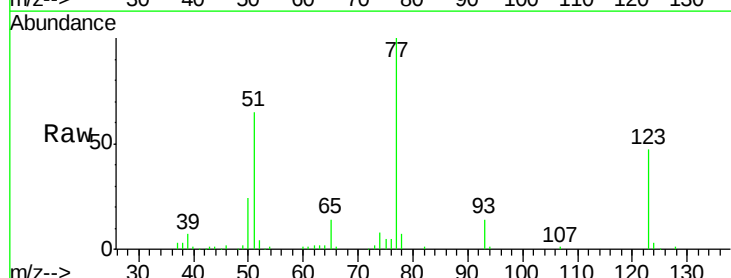
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 171129
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 52.0
 54 60.7 50.6 76.0



#24
 Nitrobenzene
 Concen: 39.588 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion: 77 Resp: 84814
 Ion Ratio Lower Upper
 77 100
 123 47.0 35.9 53.9
 65 14.1 12.0 18.0





#25

Isophorone

Concen: 43.162 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

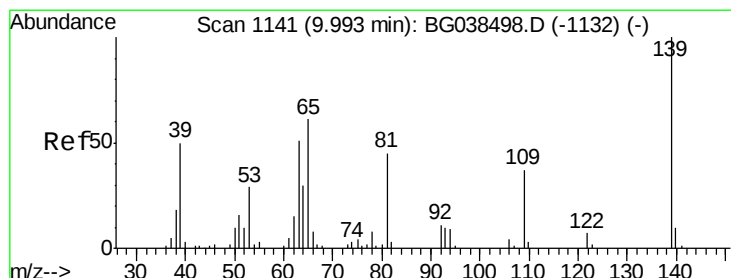
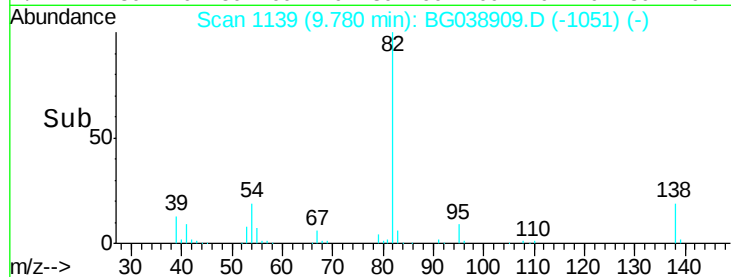
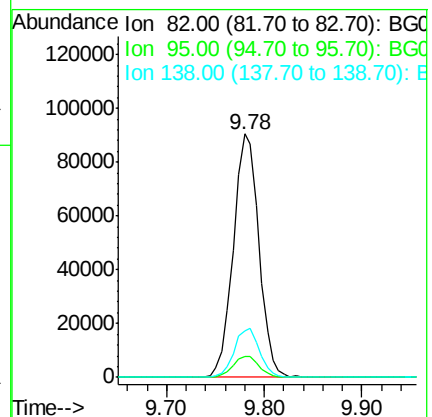
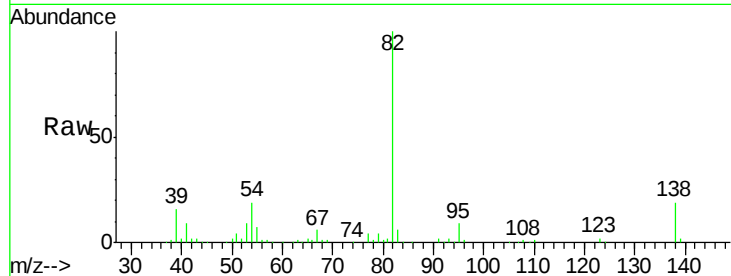
Tot Ion: 82 Resp: 164234

Ion Ratio Lower Upper

82 100

95 8.6 6.1 9.1

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 41.559 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

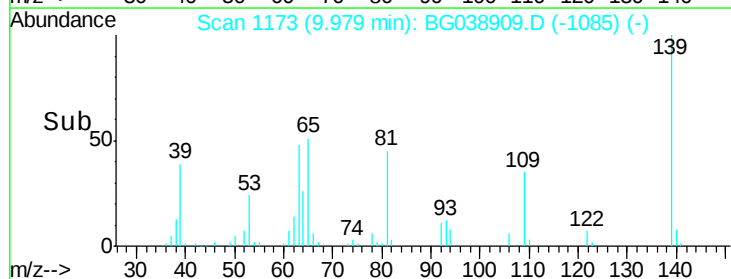
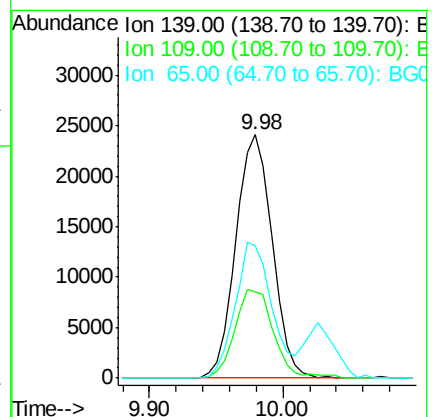
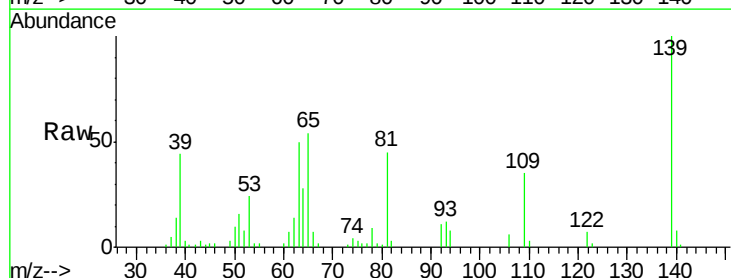
Tgt Ion: 139 Resp: 45570

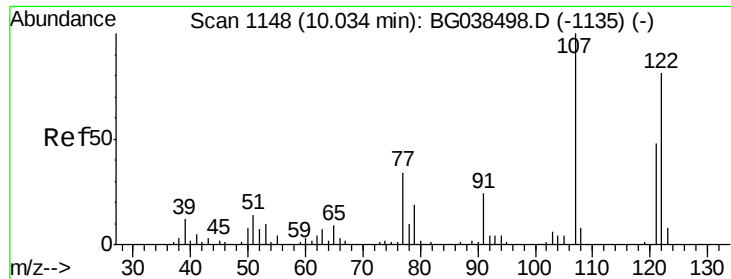
Ion Ratio Lower Upper

139 100

109 35.2 29.5 44.3

65 54.3 48.5 72.7

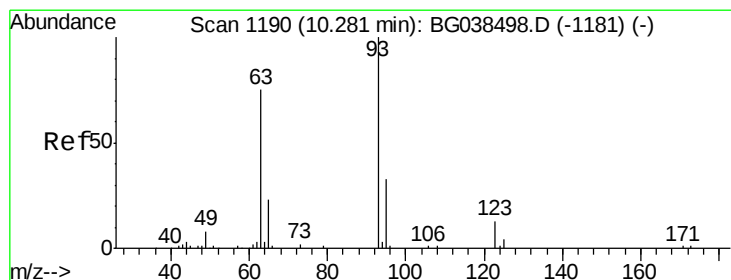
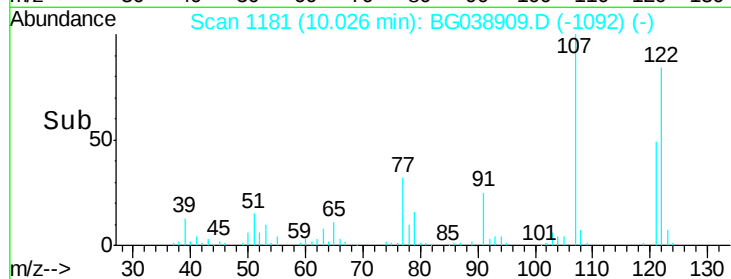
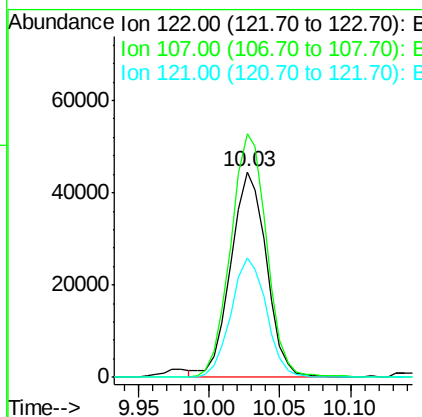
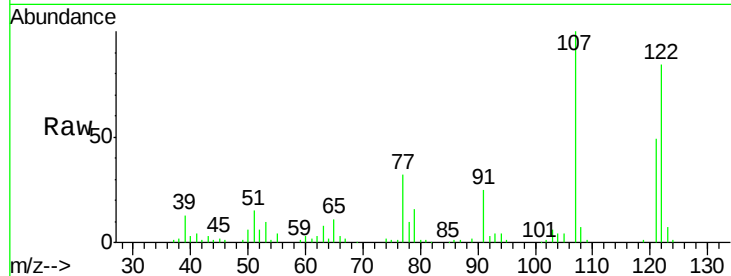




#27
 2,4-Dimethylphenol
 Concen: 50.062 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

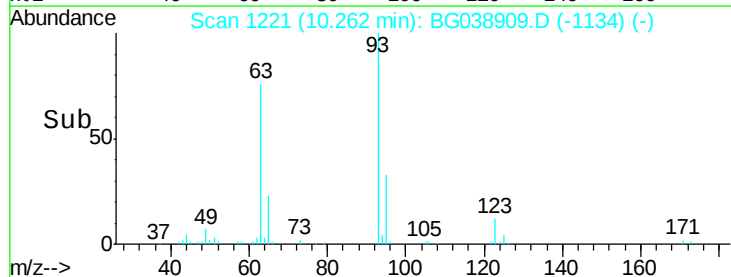
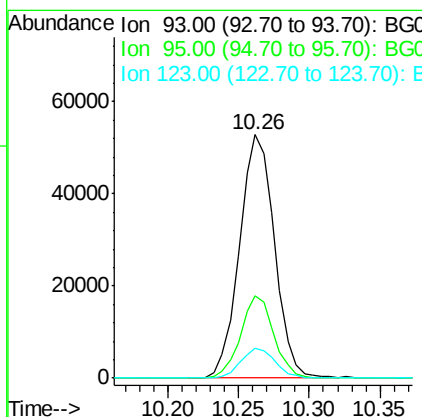
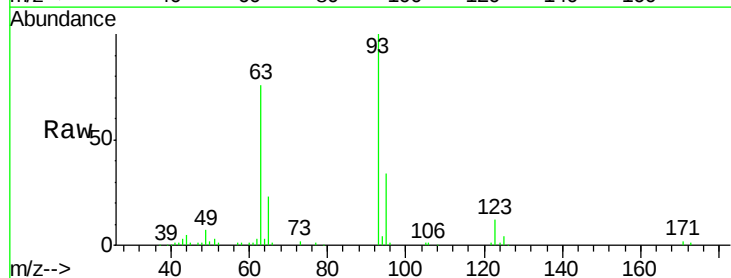
Instrument :
 BNA_G
 ClientSampleId :

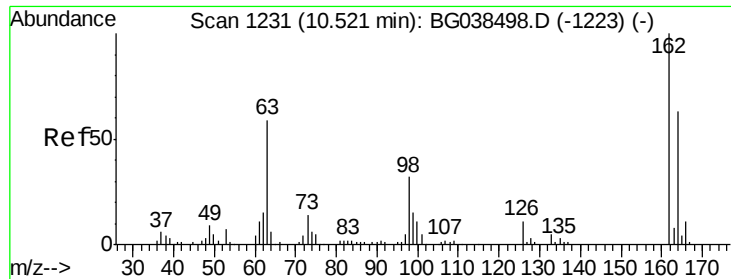
Tot Ion:122 Resp: 78672
 Ion Ratio Lower Upper
 122 100
 107 118.6 98.4 147.6
 121 57.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.665 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion: 93 Resp: 91614
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.6 40.0
 123 12.2 10.6 16.0

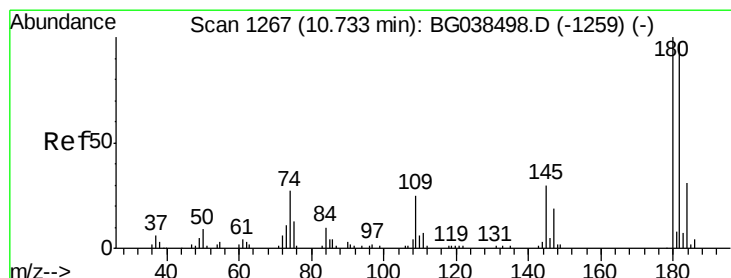
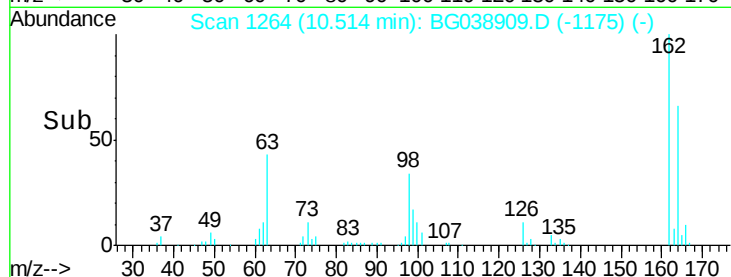
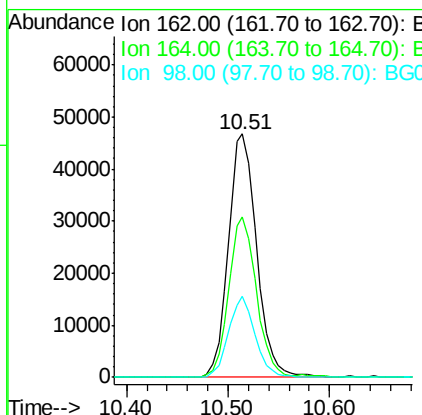
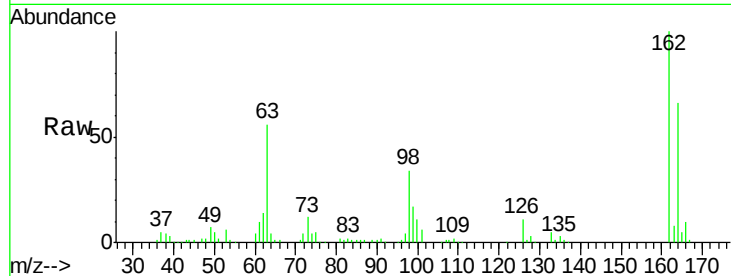




#29
2,4-Dichlorophenol
Concen: 51.514 ng
RT: 10.51 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

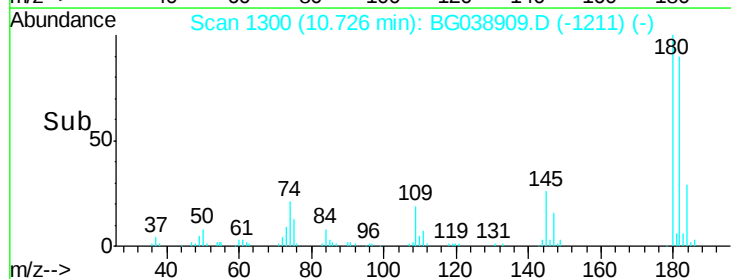
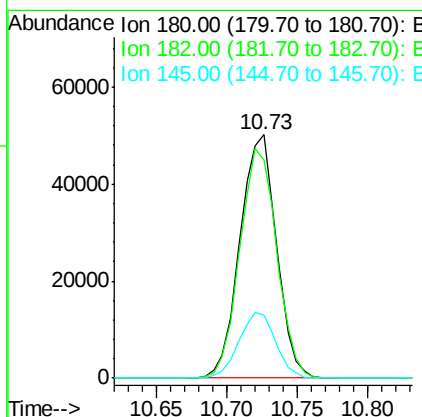
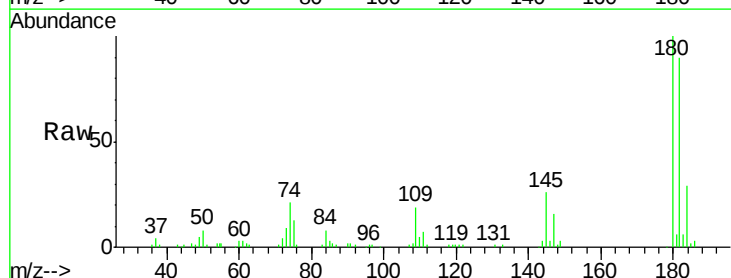
Instrument :
BNA_G
ClientSampleId :

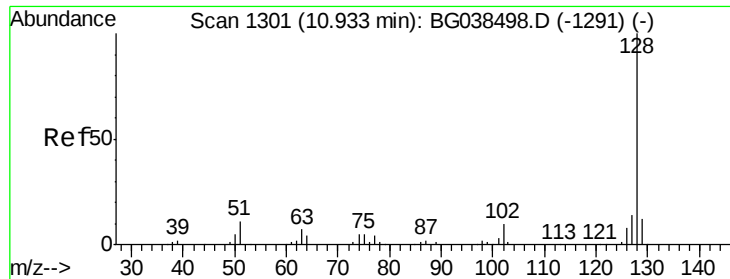
Tot Ion:162 Resp: 90061
Ion Ratio Lower Upper
162 100
164 66.1 42.9 82.9
98 33.5 12.1 52.1



#30
1,2,4-Trichlorobenzene
Concen: 43.075 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:180 Resp: 90963
Ion Ratio Lower Upper
180 100
182 89.7 77.4 116.0
145 26.2 24.1 36.1

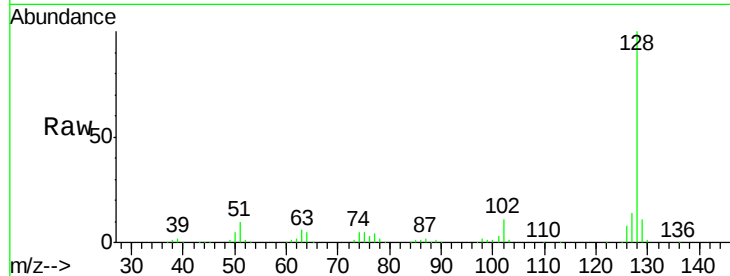




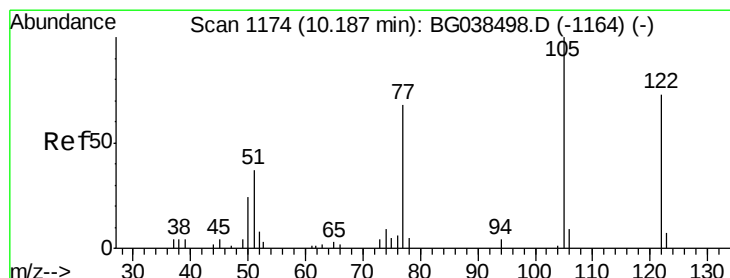
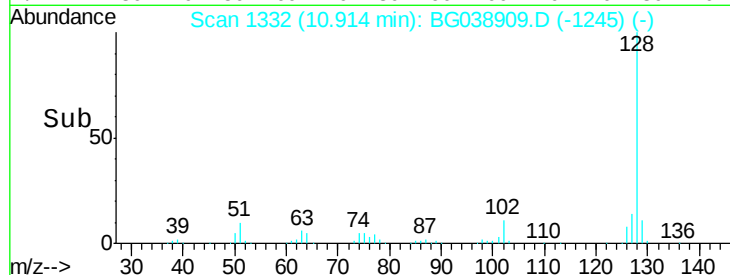
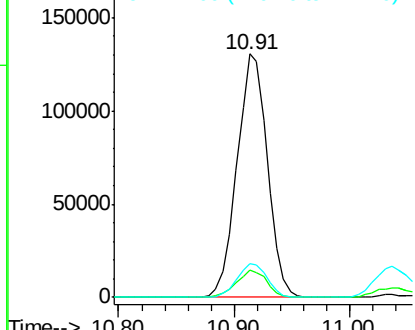
#31
Naphthalene
Concen: 44.589 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 237691
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.8 10.9 16.3

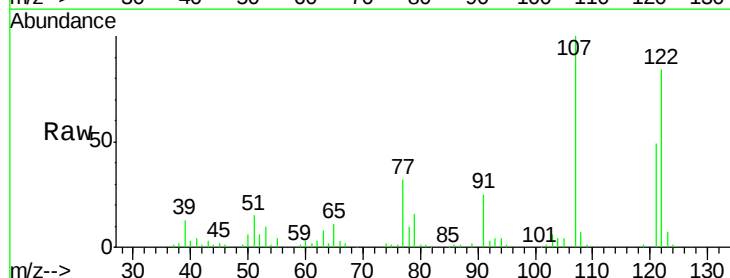


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

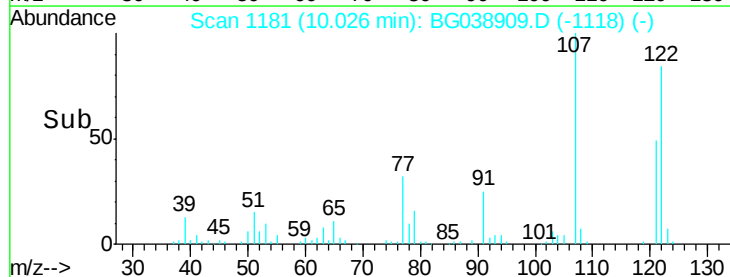
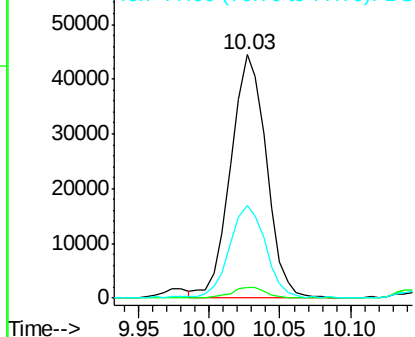


#32
Benzoic acid
Concen: 72.290 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.16 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:122 Resp: 78672
Ion Ratio Lower Upper
122 100
105 4.4 116.7 156.7#
77 38.1 72.5 112.5#



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

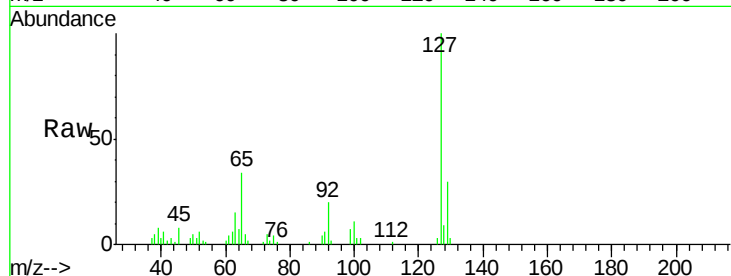




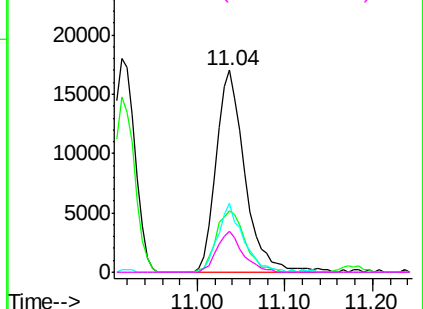
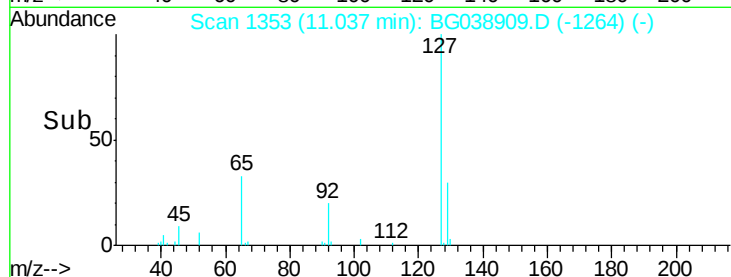
#33
4-Chloroaniline
Concen: 16.717 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	38689	
Ion Ratio	Lower	Upper	
127 100			
129 30.4	25.8	38.8	
65 34.4	27.8	41.6	
92 20.3	17.0	25.6	

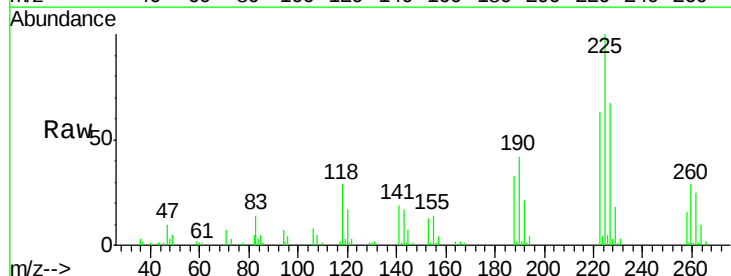


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

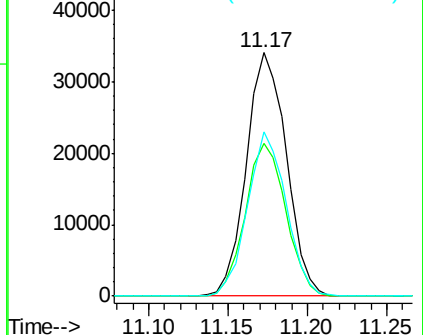
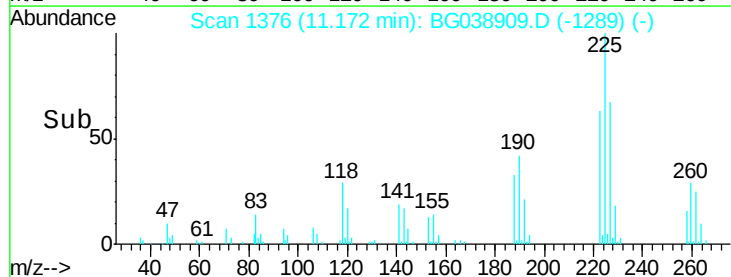


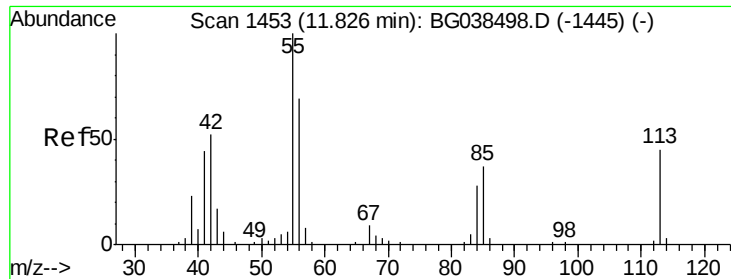
#34
Hexachlorobutadiene
Concen: 41.868 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt	Ion:225	Resp:	59825
Ion	Ratio	Lower	Upper
225	100		
223	62.9	45.0	67.6
227	70.4	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: 31.932 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampled :

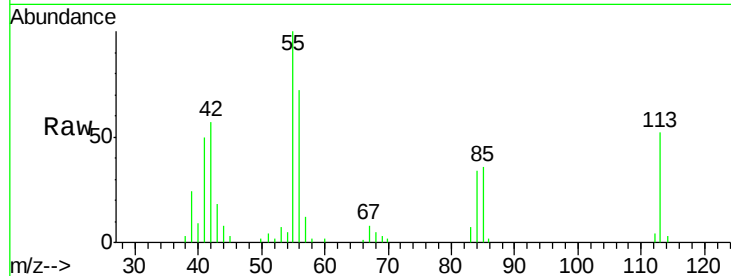
Tot Ion:113 Resp: 23103

Ion Ratio Lower Upper

113 100

55 193.3 204.3 244.3#

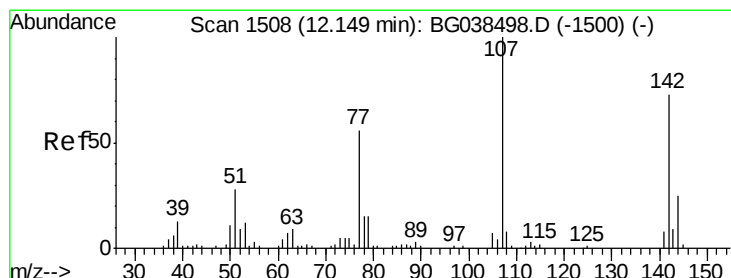
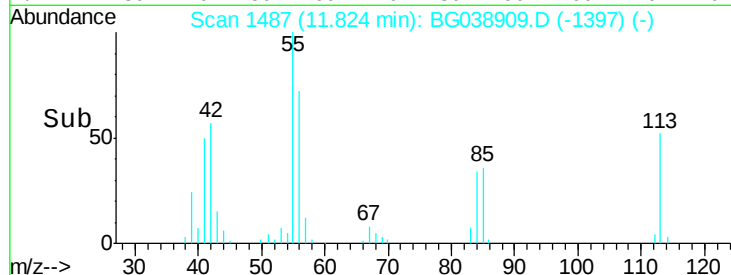
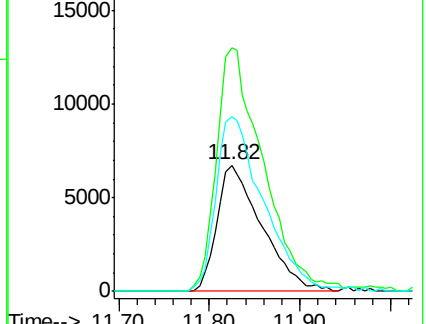
56 138.9 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 47.928 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

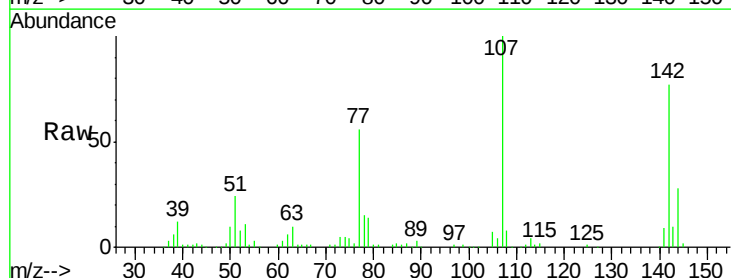
Tgt Ion:107 Resp: 95619

Ion Ratio Lower Upper

107 100

144 27.7 20.1 30.1

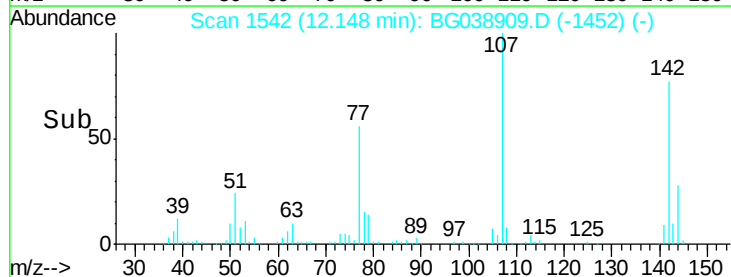
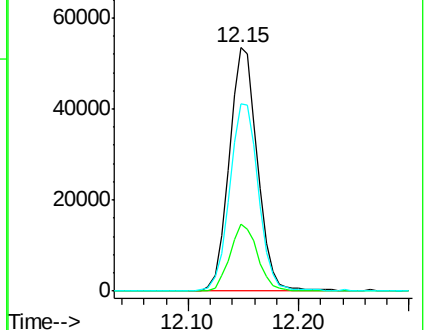
142 77.0 58.7 88.1

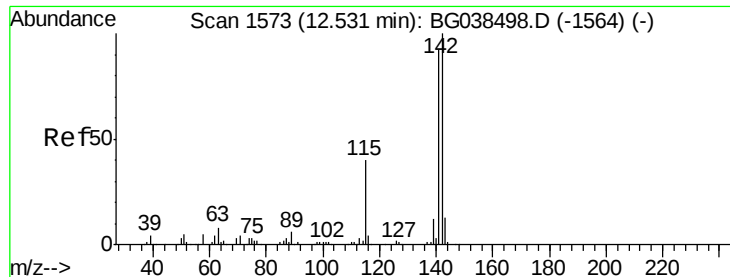


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

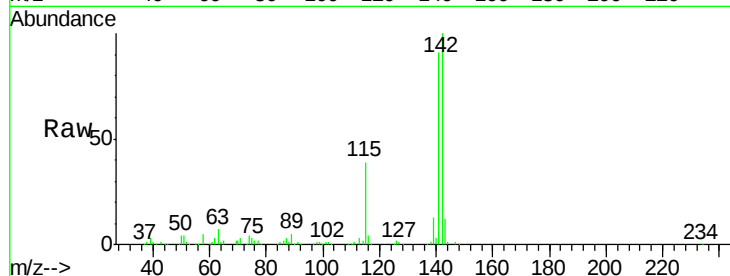




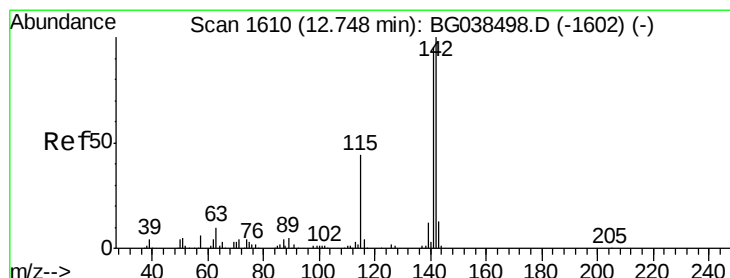
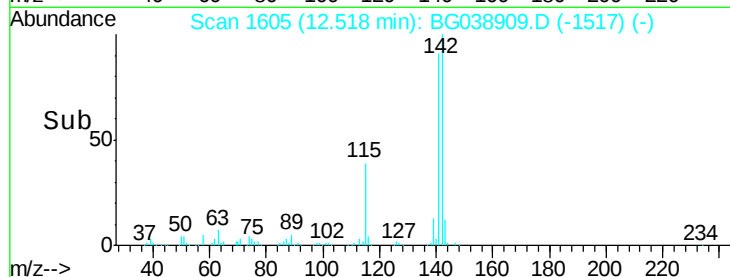
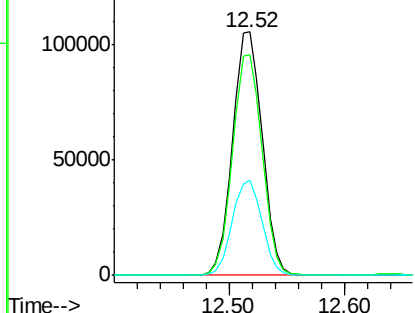
#37
2-Methylnaphthalene
Concen: 49.257 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 187322
Ion Ratio Lower Upper
142 100
141 90.7 73.5 110.3
115 38.9 31.7 47.5

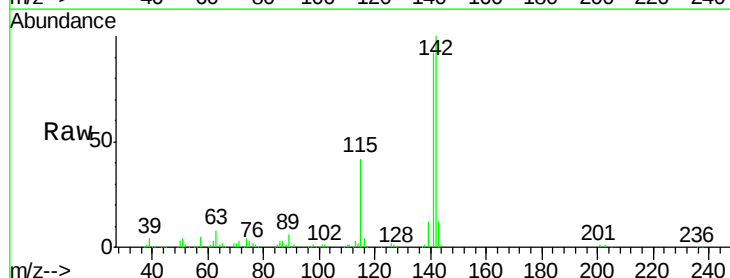


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

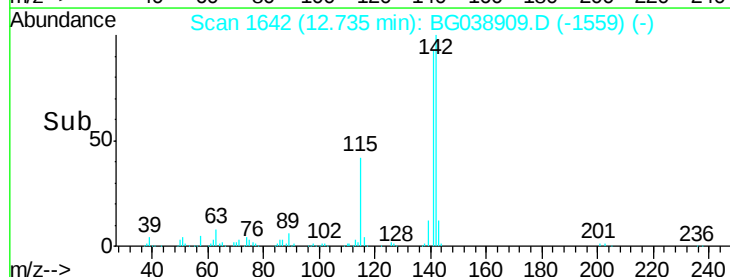
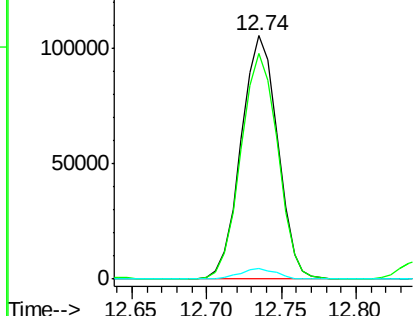


#38
1-Methylnaphthalene
Concen: 48.377 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:142 Resp: 178528
Ion Ratio Lower Upper
142 100
141 92.5 75.8 113.8
116 4.3 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: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

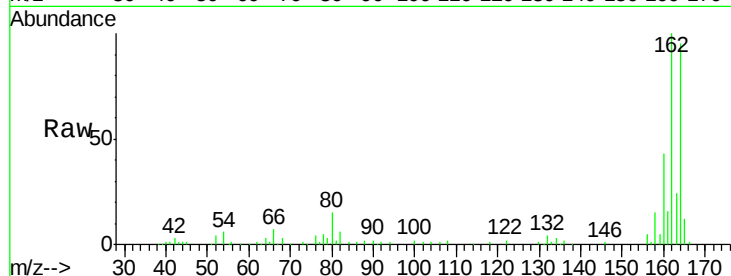
Tot Ion:164 Resp: 78293

Ion Ratio Lower Upper

164 100

162 105.6 86.6 130.0

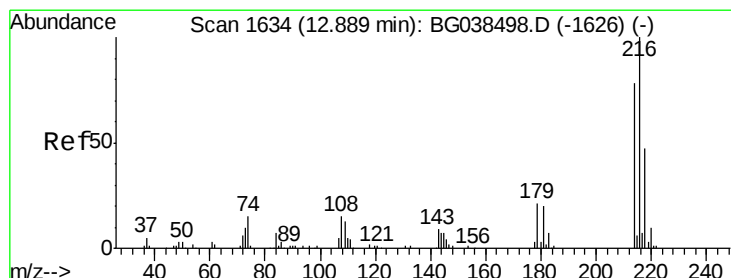
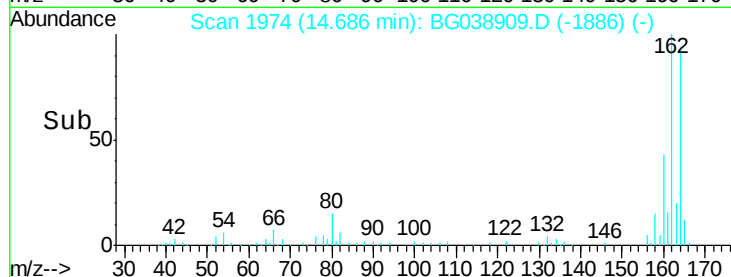
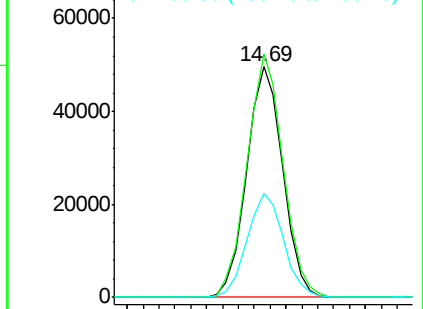
160 45.4 34.2 51.2



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: 40.271 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:216 Resp: 117856

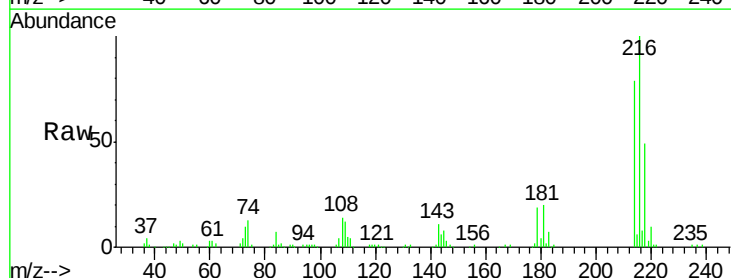
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 19.5 16.4 24.6

108 16.3 13.9 20.9

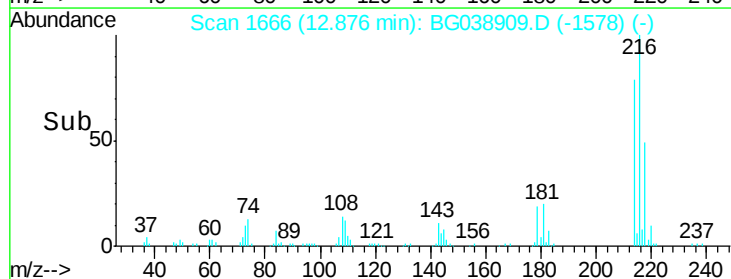
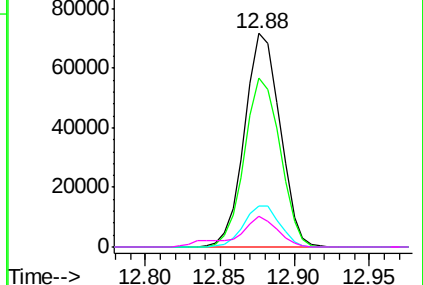


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.833 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

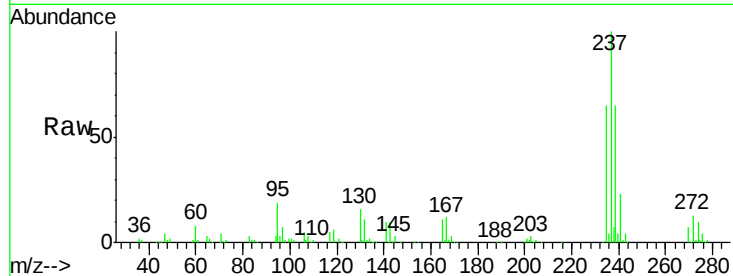
Tot Ion:237 Resp: 129966

Ion Ratio Lower Upper

237 100

235 64.6 38.8 78.8

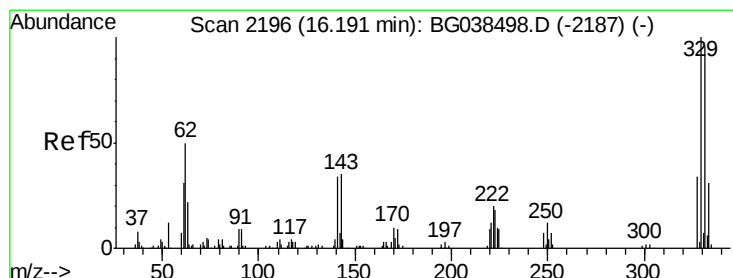
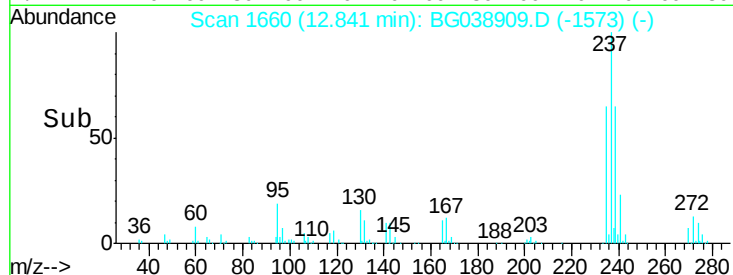
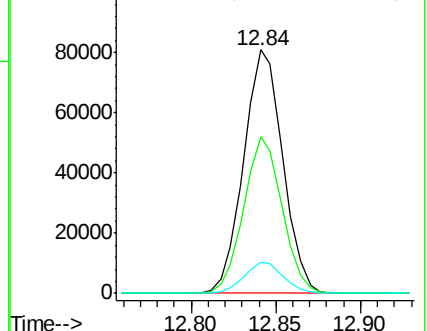
272 12.9 0.0 32.0



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: 157.219 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

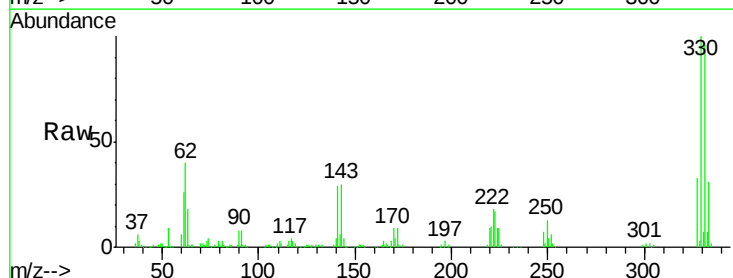
Tgt Ion:330 Resp: 169642

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

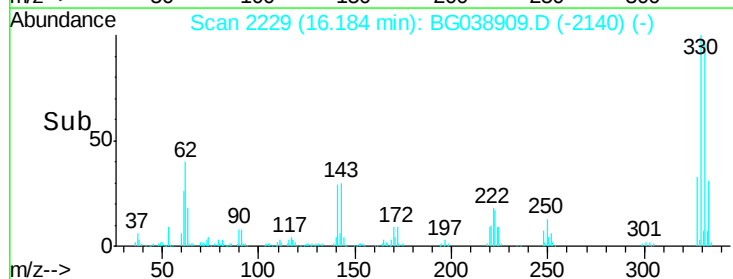
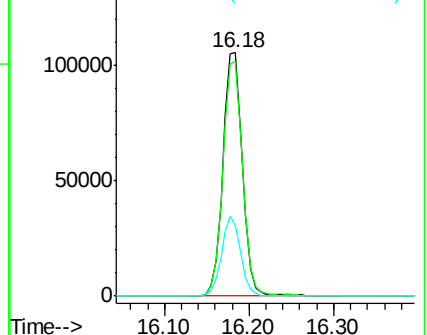
141 31.6 28.8 43.2

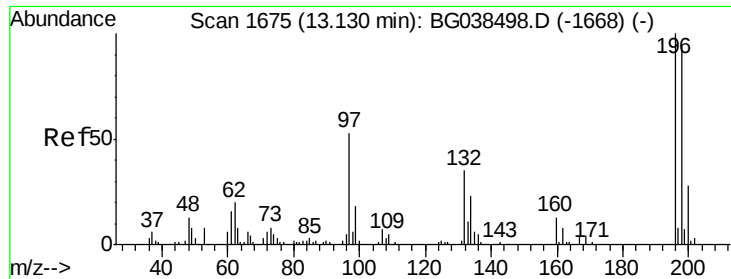


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

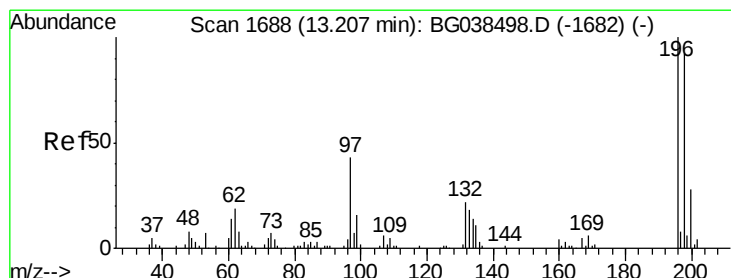
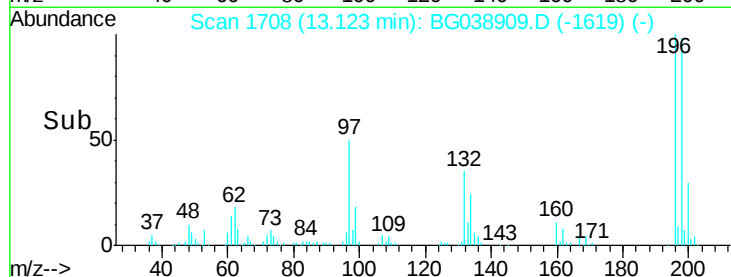
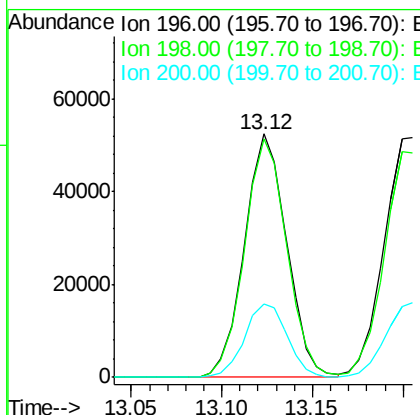
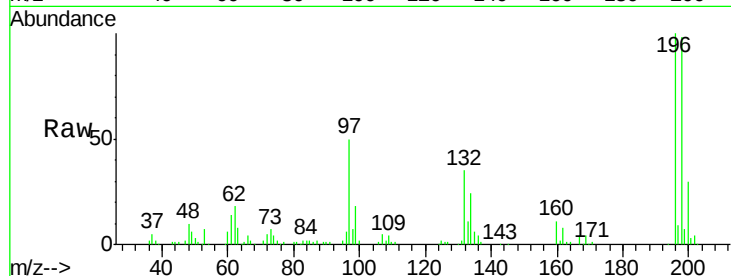




#43
 2,4,6-Trichlorophenol
 Concen: 47.188 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

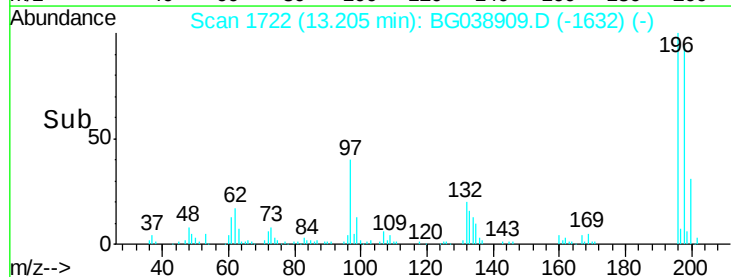
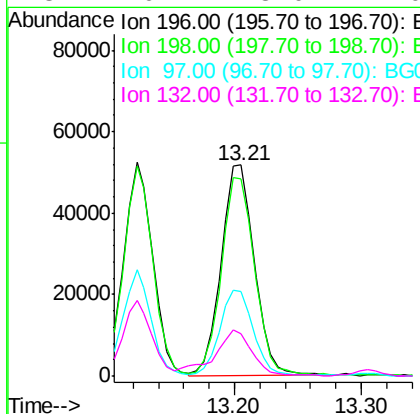
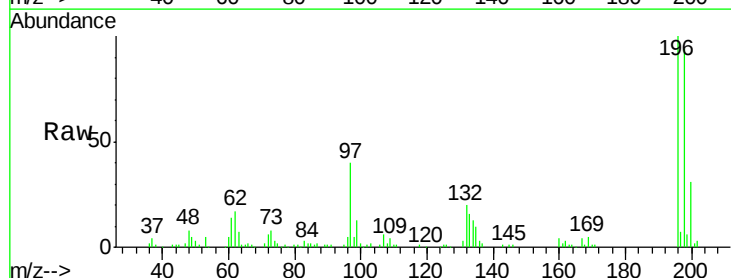
Instrument :
 BNA_G
 ClientSampled :

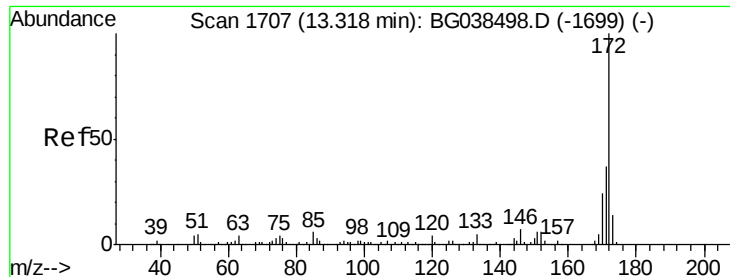
Tot Ion:196 Resp: 84911
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.0 112.4
 200 30.2 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 49.104 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:196 Resp: 93553
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.0 111.0
 97 40.2 35.1 52.7
 132 20.1 18.0 27.0

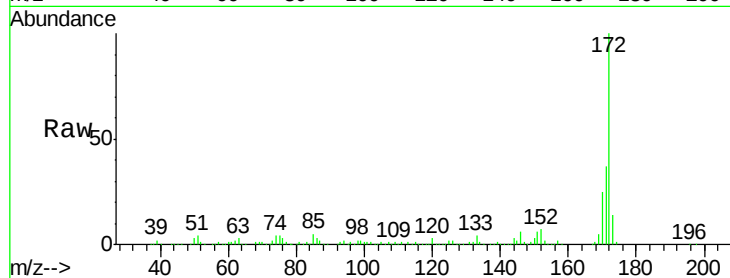




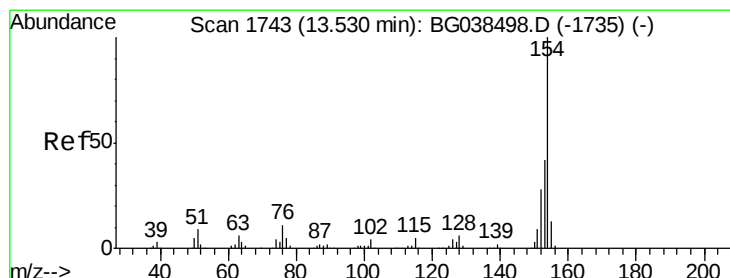
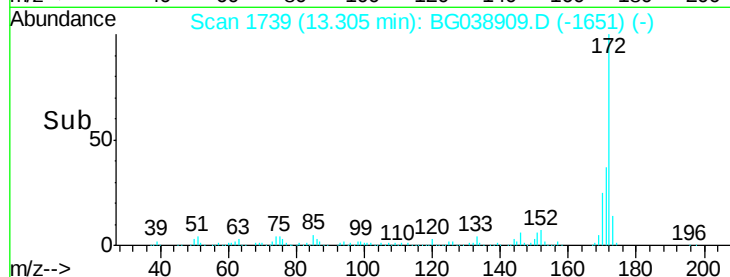
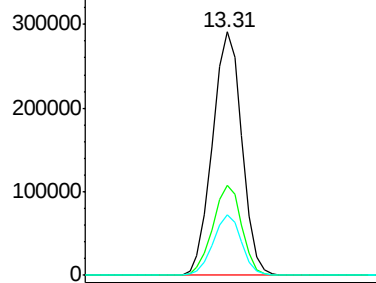
#45
 2-Fluorobiphenyl
 Concen: 81.932 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 467594
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.1 19.5 29.3

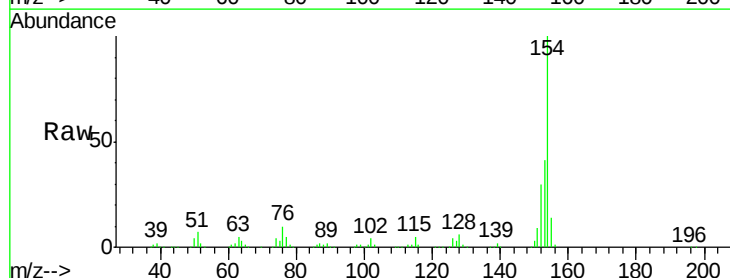


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

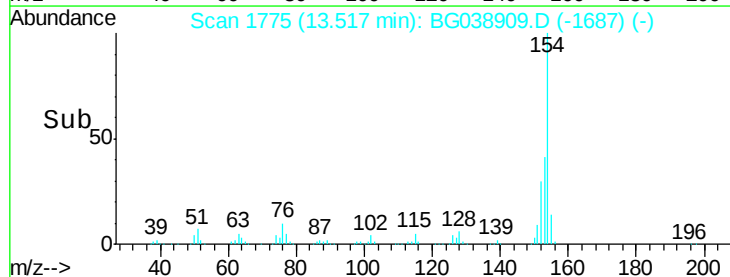
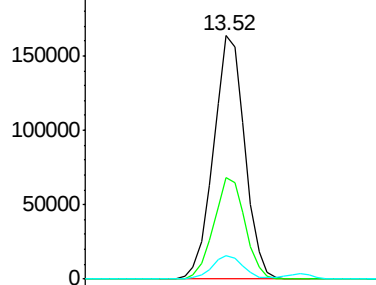


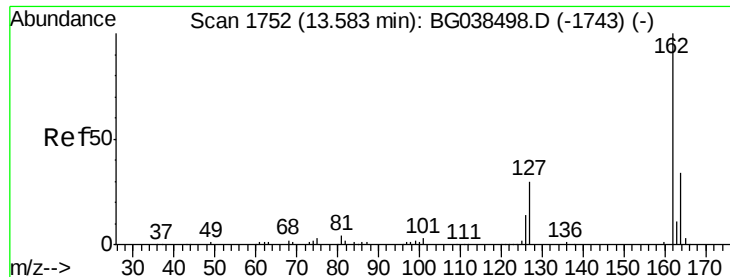
#46
 1,1'-Biphenyl
 Concen: 38.464 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:154 Resp: 252456
 Ion Ratio Lower Upper
 154 100
 153 41.5 22.1 62.1
 76 9.9 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

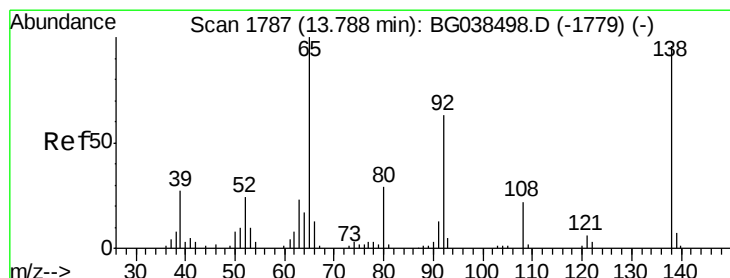
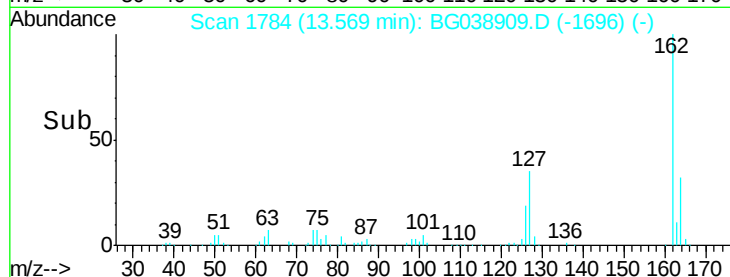
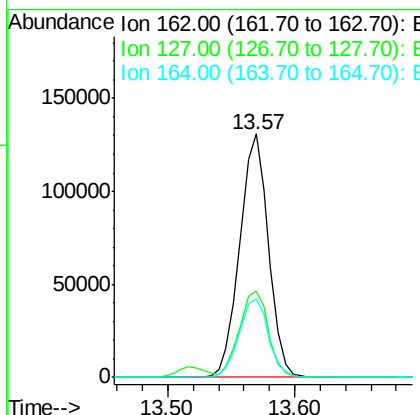
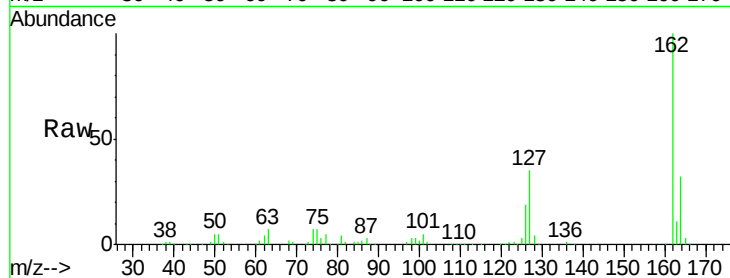




#47
 2-Chloronaphthalene
 Concen: 40.334 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

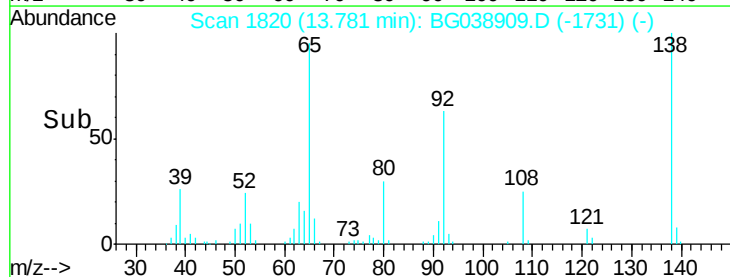
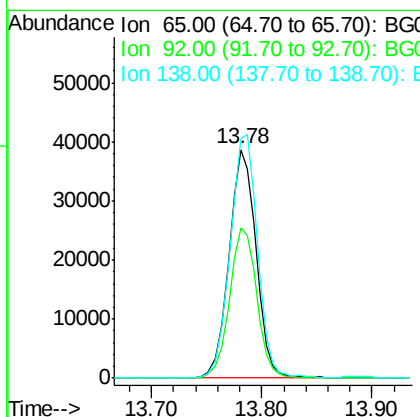
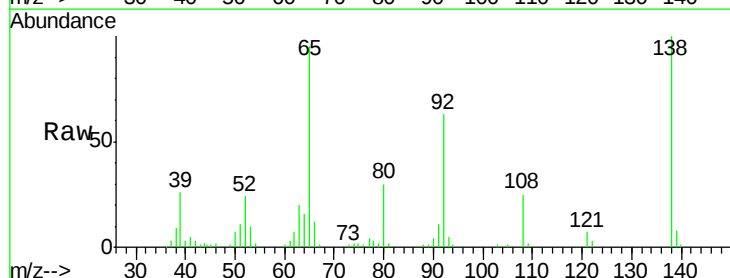
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 204492
 Ion Ratio Lower Upper
 162 100
 127 35.4 27.8 41.8
 164 32.0 26.9 40.3



#48
 2-Nitroaniline
 Concen: 41.167 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion: 65 Resp: 66481
 Ion Ratio Lower Upper
 65 100
 92 66.0 50.0 75.0
 138 105.0 76.9 115.3





#49

Acenaphthylene

Concen: 44.984 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

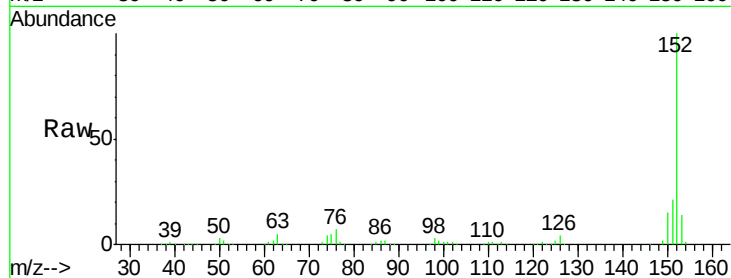
Tot Ion:152 Resp: 340951

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

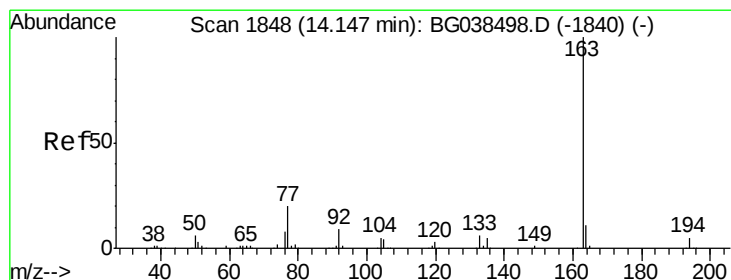
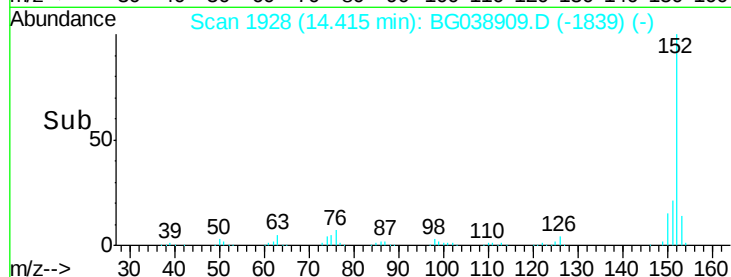
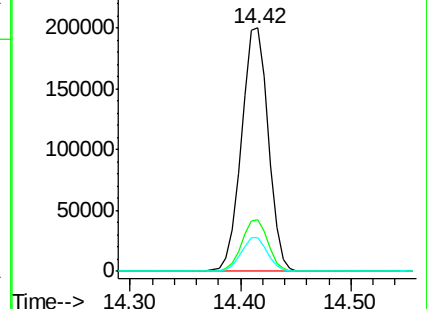
153 13.8 10.4 15.6



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: 44.143 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

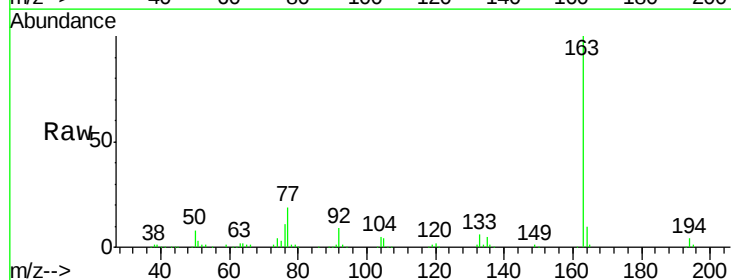
Tgt Ion:163 Resp: 282233

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

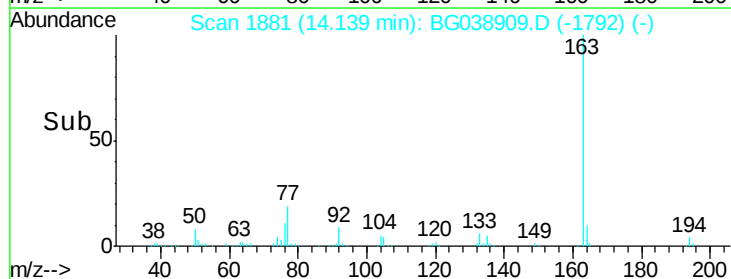
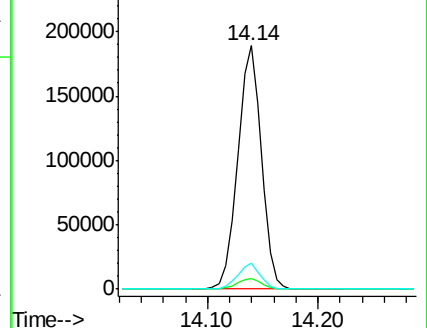
164 10.4 8.6 12.8

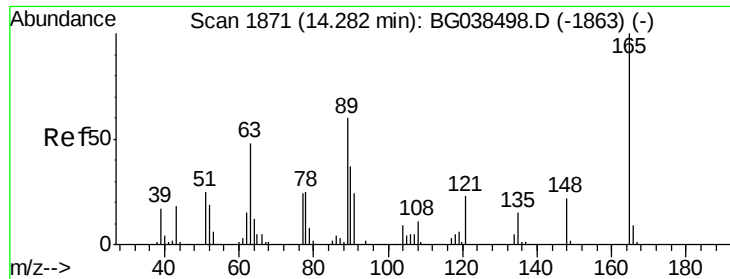


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

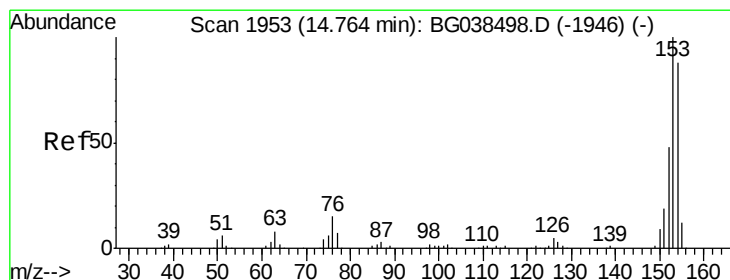
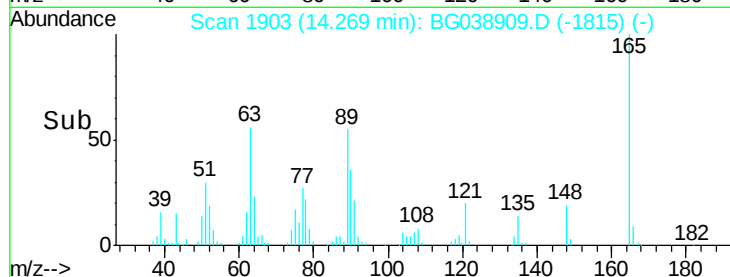
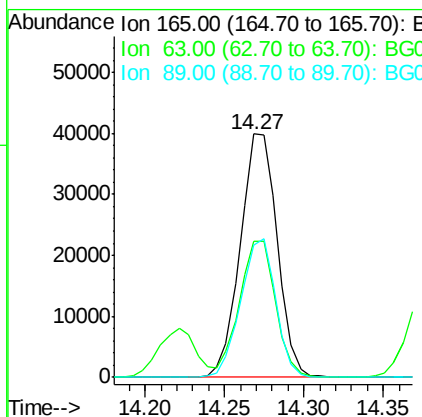
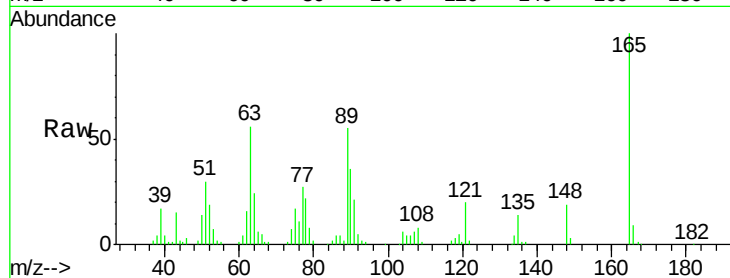




#51
 2,6-Dinitrotoluene
 Concen: 44.390 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

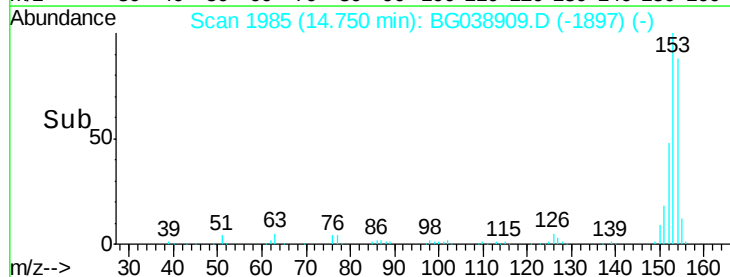
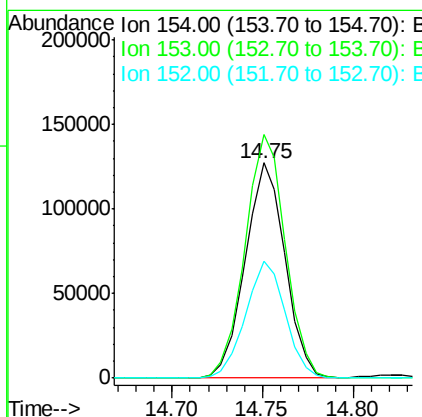
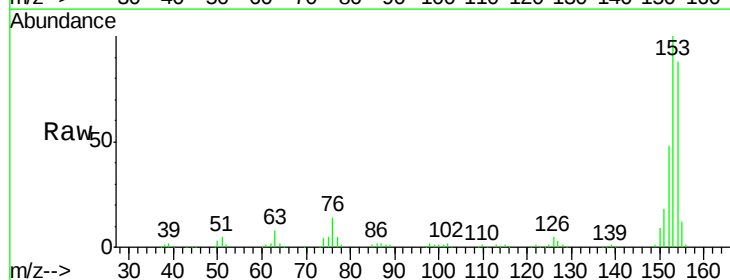
Instrument :
 BNA_G
 ClientSampled :

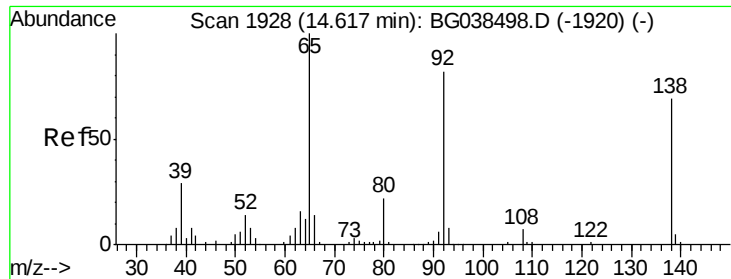
Tot Ion:165 Resp: 64318
 Ion Ratio Lower Upper
 165 100
 63 56.0 51.8 77.6
 89 54.6 47.9 71.9



#52
 Acenaphthene
 Concen: 43.112 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:154 Resp: 195392
 Ion Ratio Lower Upper
 154 100
 153 113.3 90.6 136.0
 152 54.7 43.5 65.3

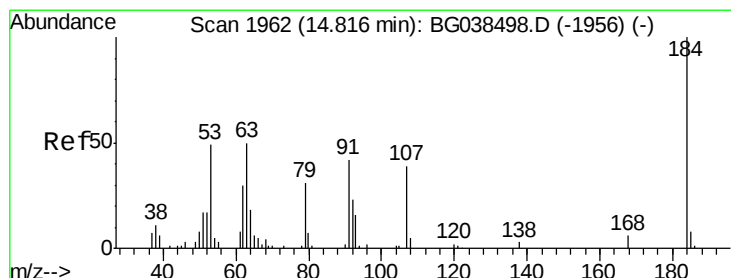
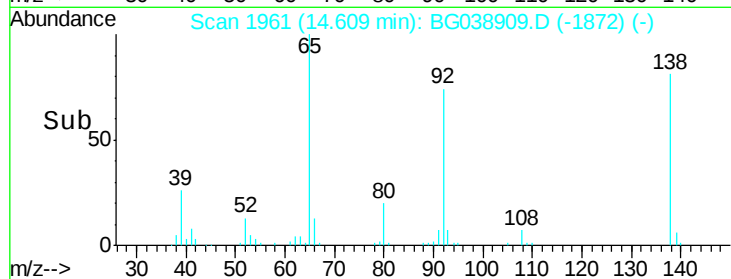
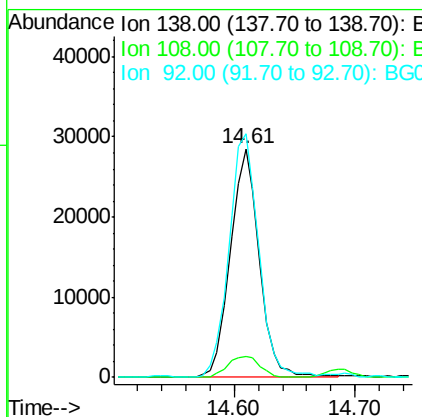
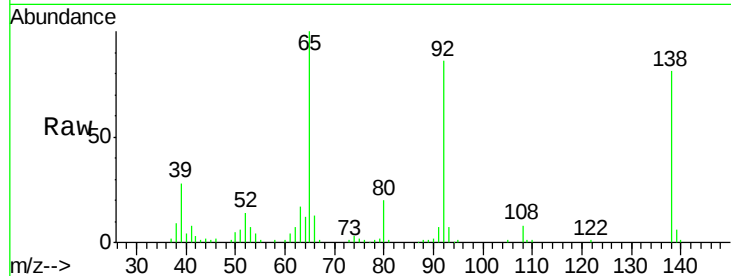




#53
3-Nitroaniline
Concen: 32.088 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

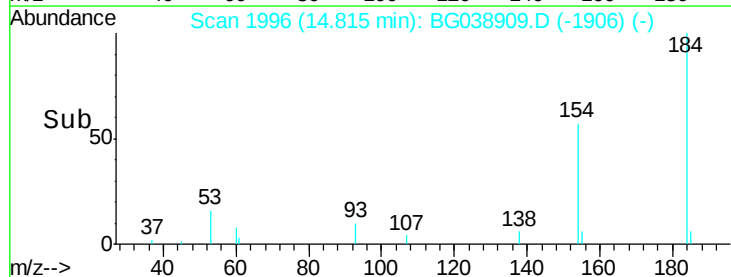
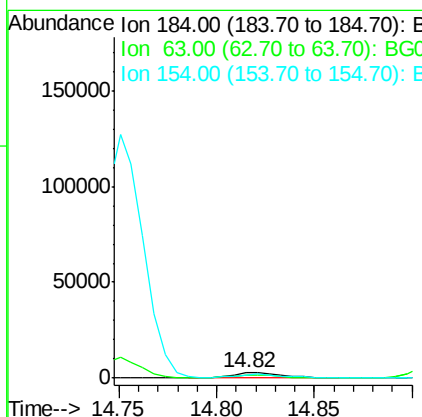
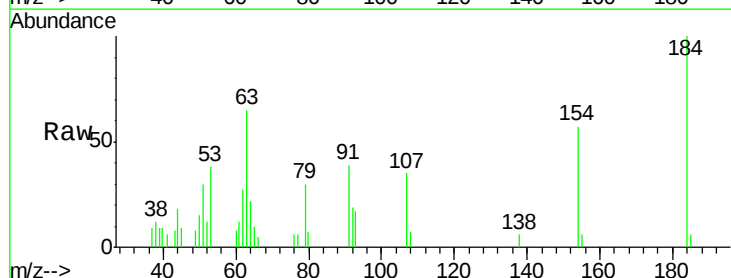
Instrument :
BNA_G
ClientSampled :

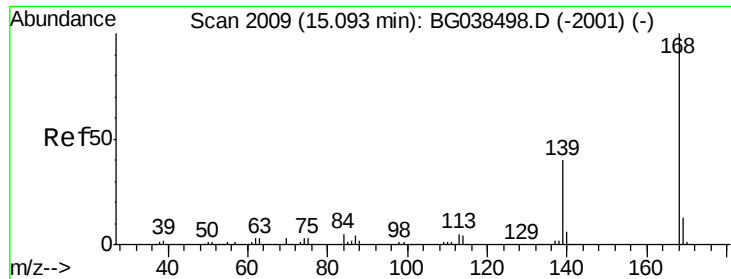
Tot Ion:138 Resp: 47394
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 106.7 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 10.865 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:184 Resp: 5239
Ion Ratio Lower Upper
184 100
63 65.1 47.0 70.6
154 57.3 50.3 75.5

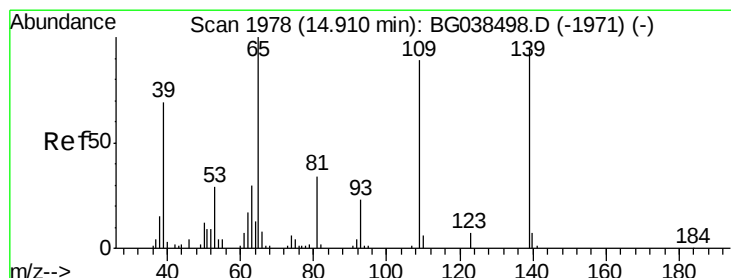
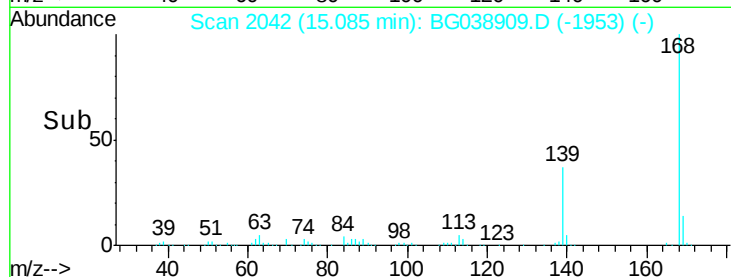
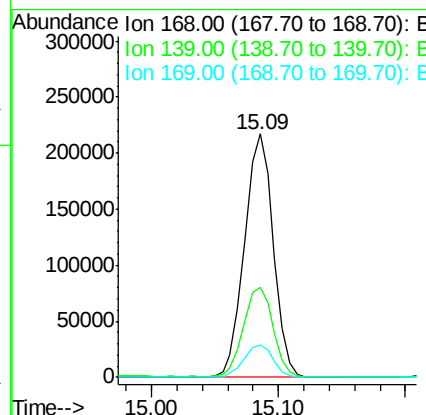
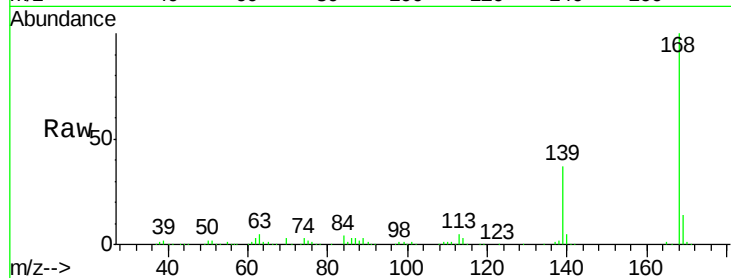




#55
Dibenzenofuran
Concen: 43.993 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

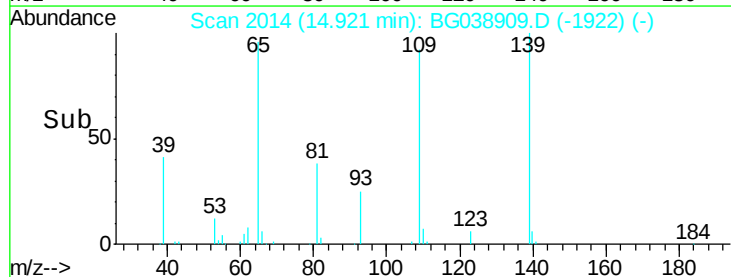
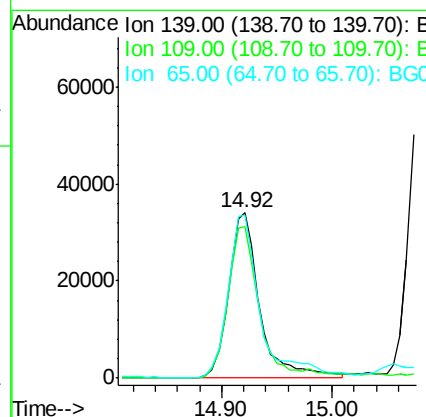
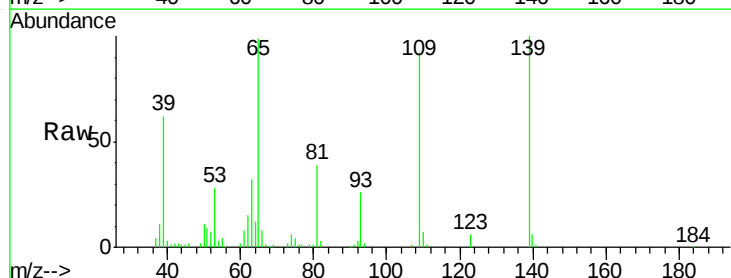
Instrument :
BNA_G
ClientSampleId :

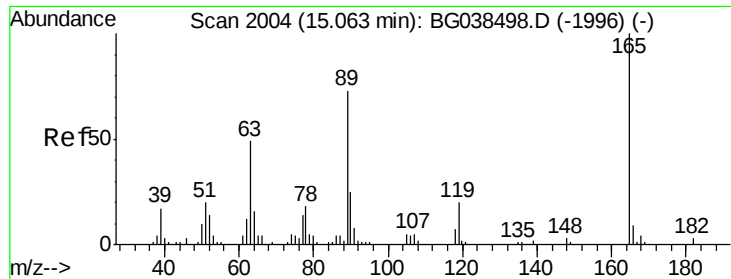
Tot Ion:168 Resp: 341773
Ion Ratio Lower Upper
168 100
139 36.9 32.2 48.2
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 59.998 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:139 Resp: 67227
Ion Ratio Lower Upper
139 100
109 91.9 73.6 113.6
65 98.6 84.8 124.8

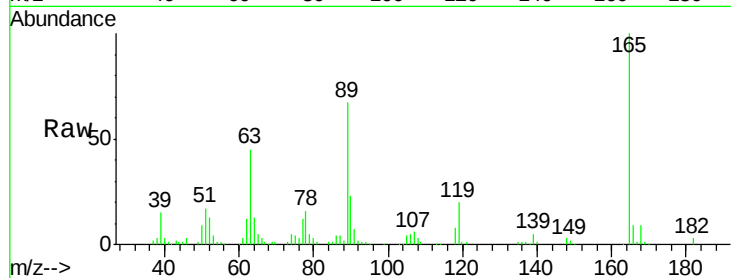




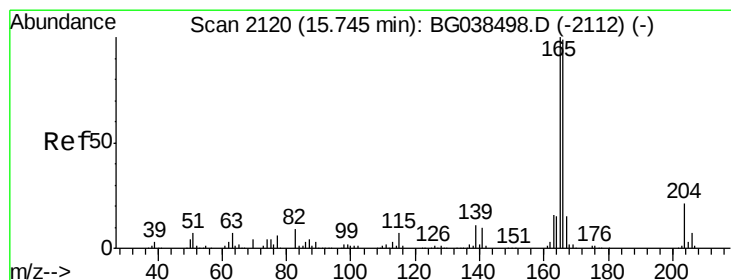
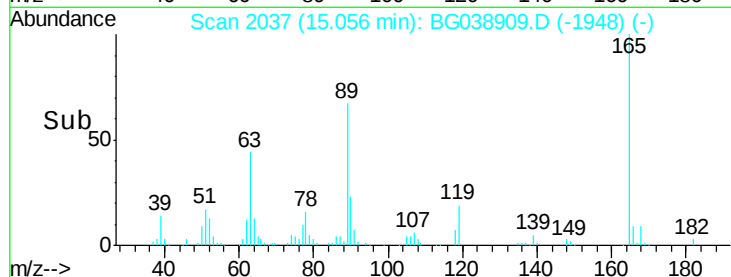
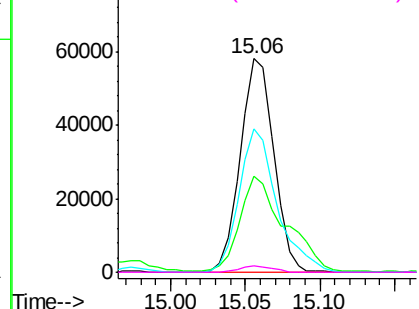
#57
2,4-Dinitrotoluene
Concen: 44.524 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 90862
Ion Ratio Lower Upper
165 100
63 44.9 39.0 58.4
89 67.0 58.0 87.0
182 2.8 2.3 3.5

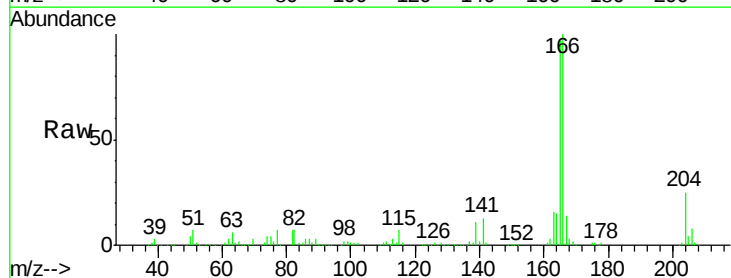


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

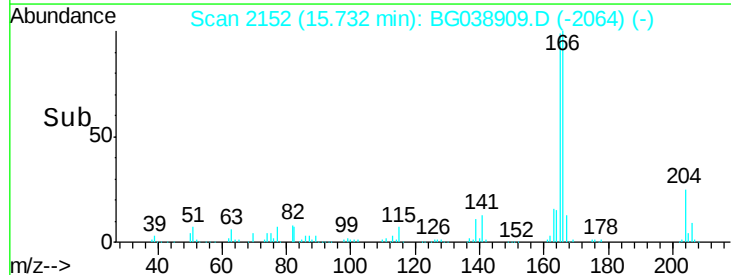
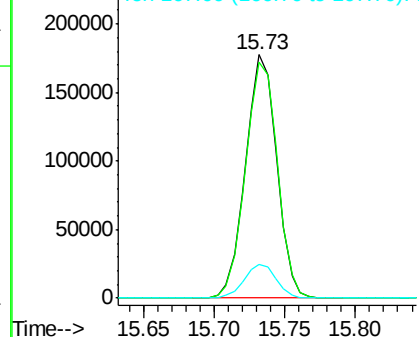


#58
Fluorene
Concen: 47.780 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:166 Resp: 275015
Ion Ratio Lower Upper
166 100
165 97.2 80.6 120.8
167 13.6 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

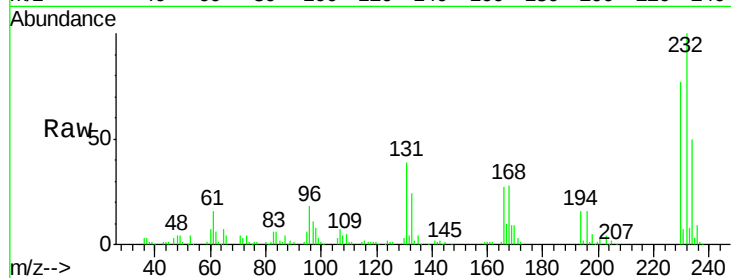




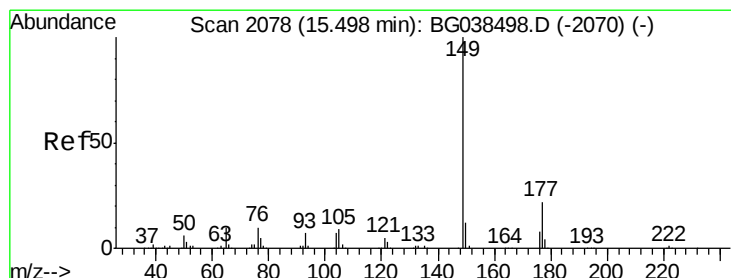
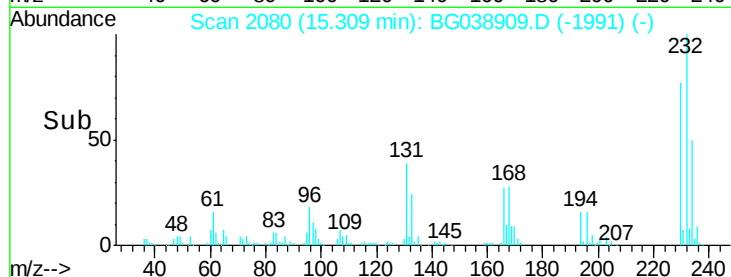
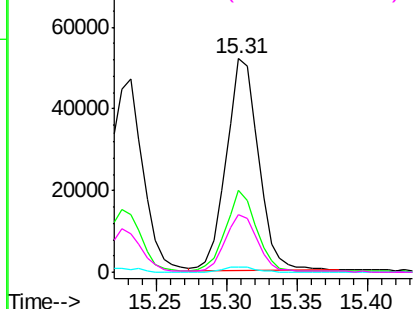
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.149 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 82532
Ion Ratio Lower Upper
232 100
131 36.5 33.0 49.4
130 2.5 2.0 3.0
166 26.9 23.1 34.7

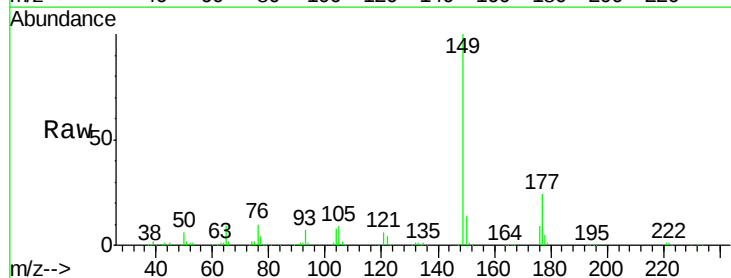


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

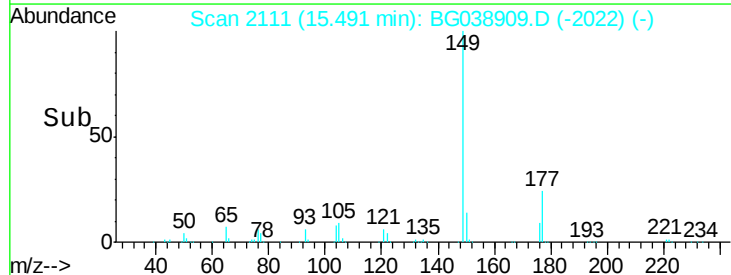
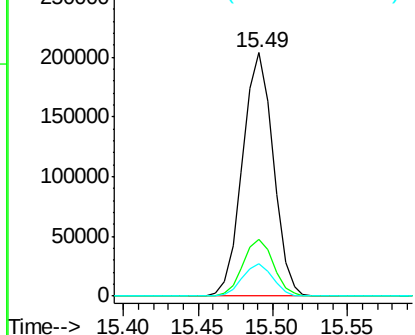


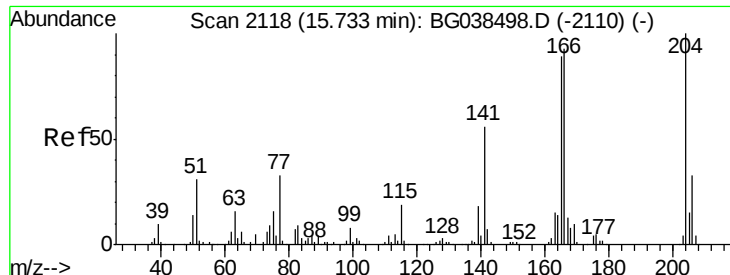
#60
Diethylphthalate
Concen: 41.429 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:149 Resp: 290786
Ion Ratio Lower Upper
149 100
177 23.6 17.7 26.5
150 13.5 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

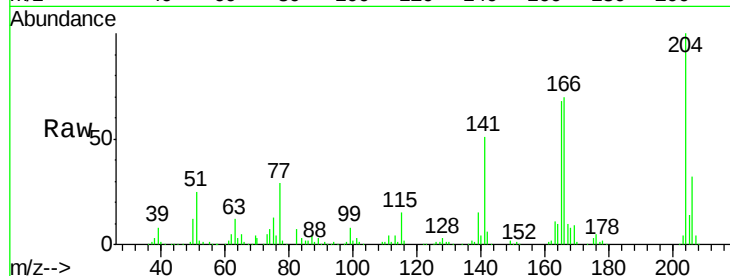




#61
4-Chlorophenyl-phenylether
Concen: 44.505 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.0	39.0
141	51.2	44.4	66.6

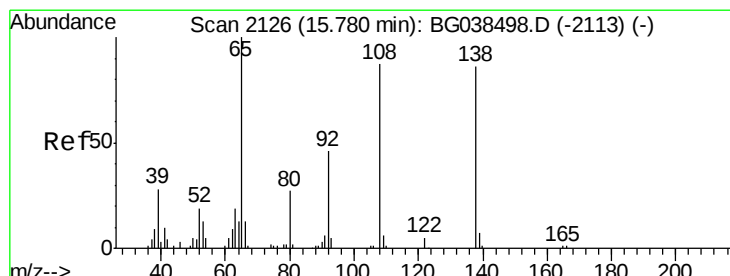
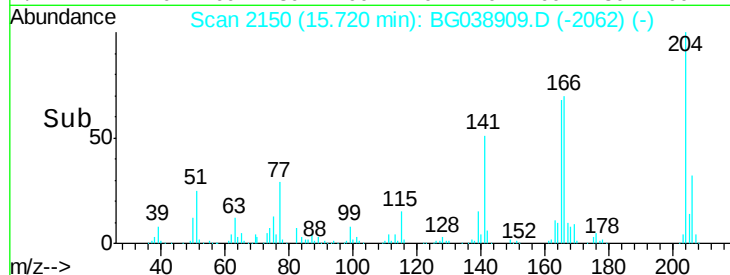
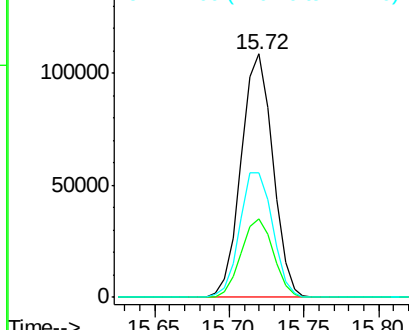


Abundance

Ion 204.00 (203.70 to 204.70): E

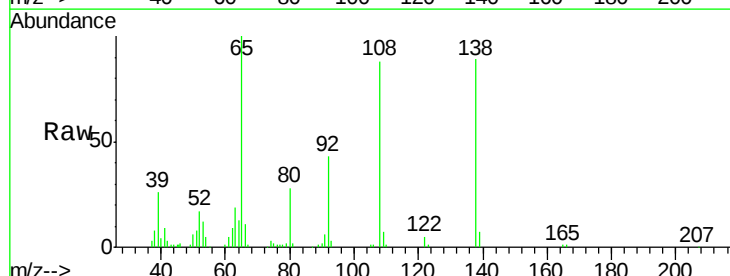
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.285 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	33.3	73.3
108	98.4	81.4	121.4

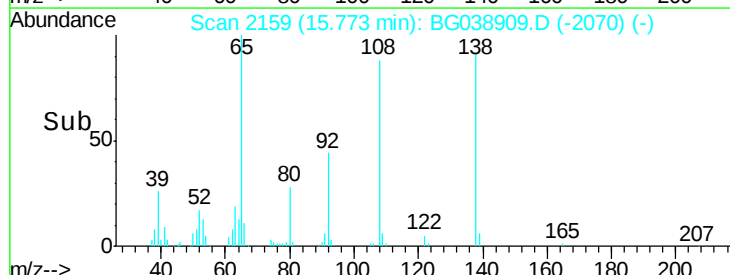
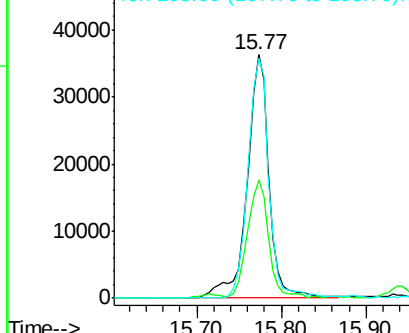


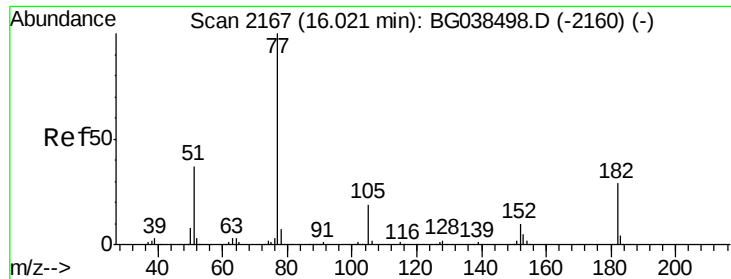
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): E

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.950 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 228383

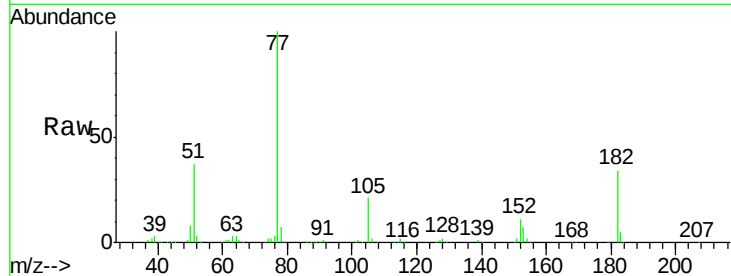
Ion Ratio Lower Upper

77 100

182 33.6 8.7 48.7

105 21.2 0.0 38.7

51 37.2 16.6 56.6

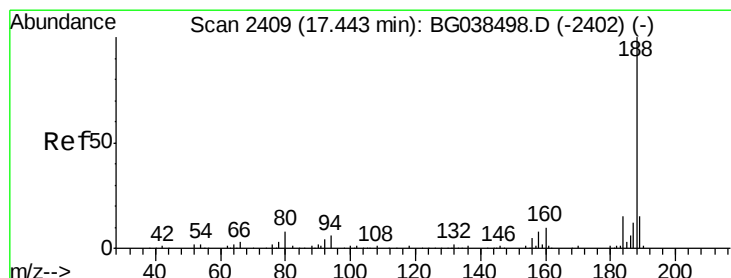
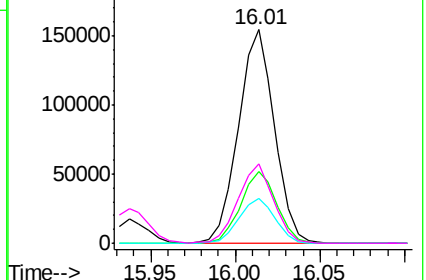
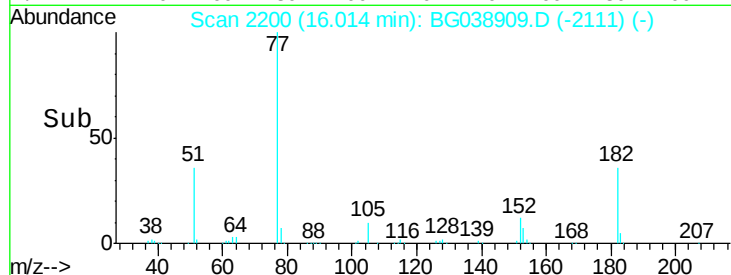


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2442

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

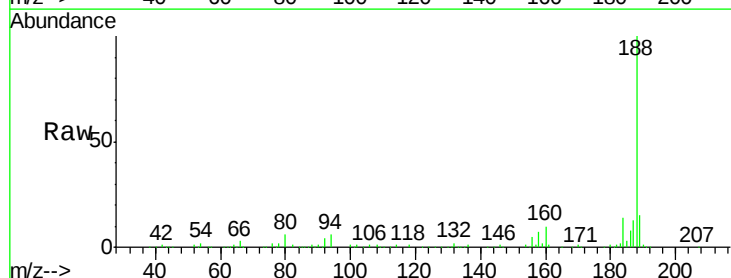
Tgt Ion: 188 Resp: 197603

Ion Ratio Lower Upper

188 100

94 6.1 5.1 7.7

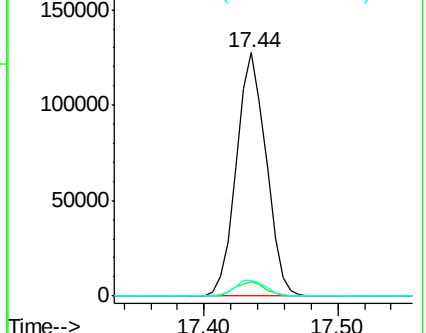
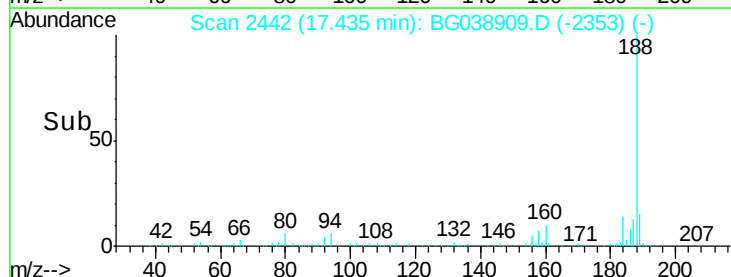
80 6.3 6.1 9.1



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: 9.582 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

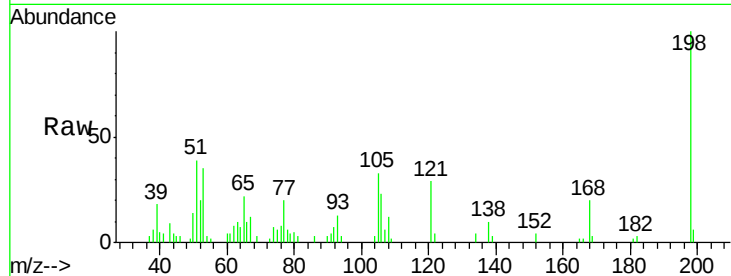
Tot Ion:198 Resp: 13507

Ion Ratio Lower Upper

198 100

51 38.9 28.6 68.6

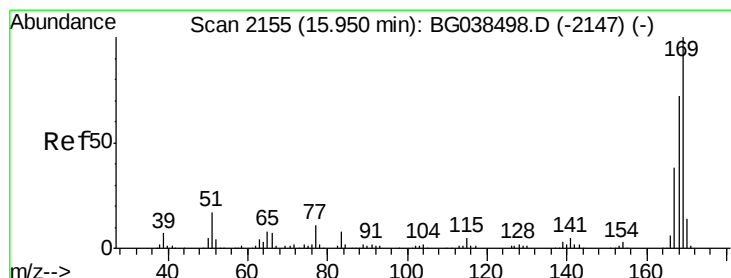
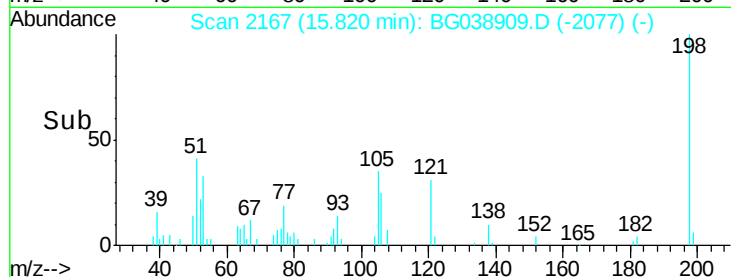
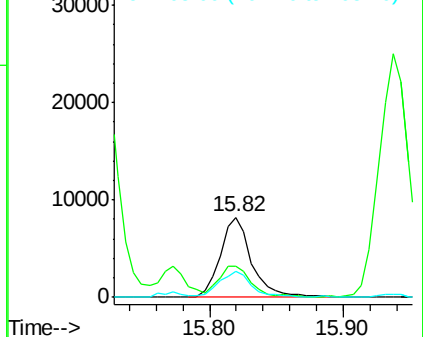
105 33.0 20.4 60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038498.D (-2126) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.480 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

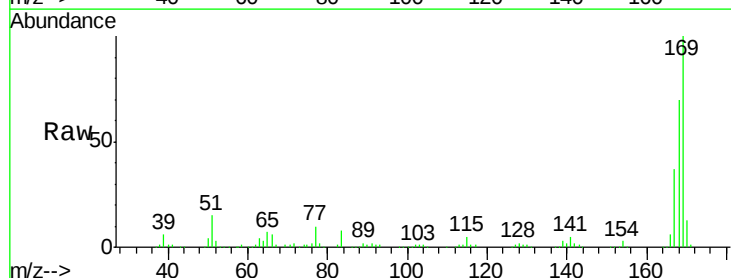
Tgt Ion:169 Resp: 252447

Ion Ratio Lower Upper

169 100

168 70.0 57.5 86.3

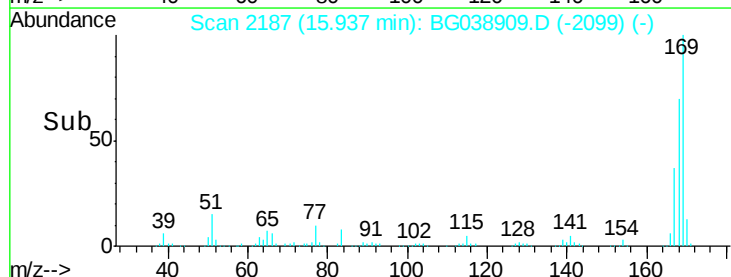
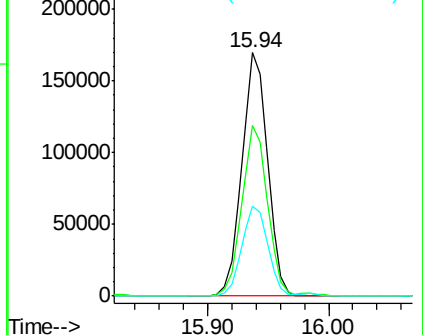
167 37.1 30.2 45.2



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

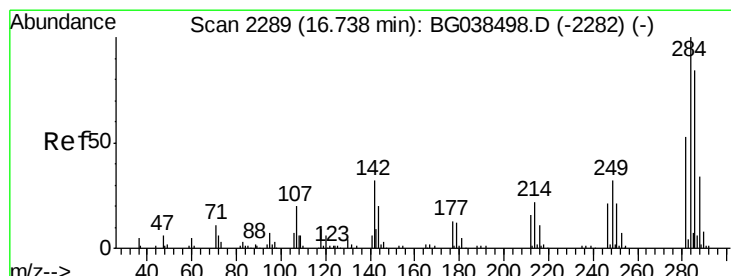
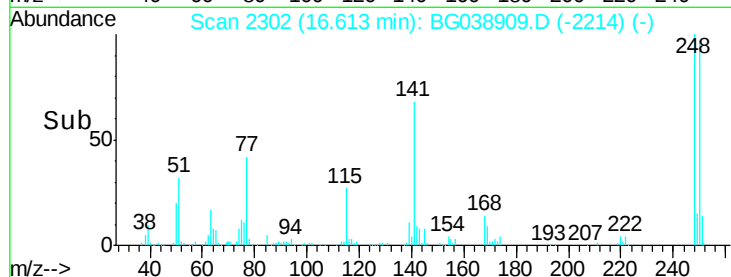
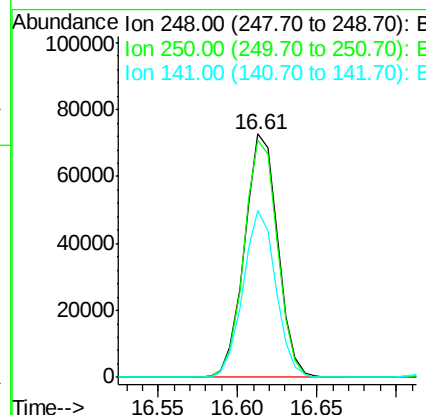
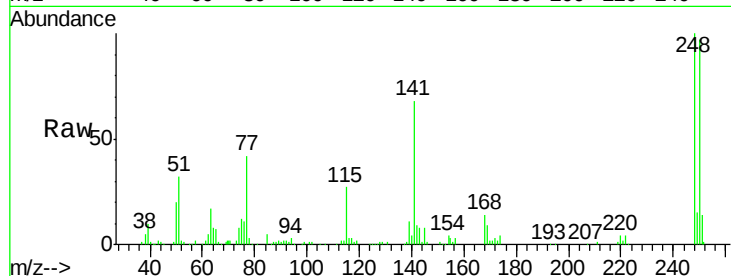




#67
 4-Bromophenyl-phenylether
 Concen: 43.888 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

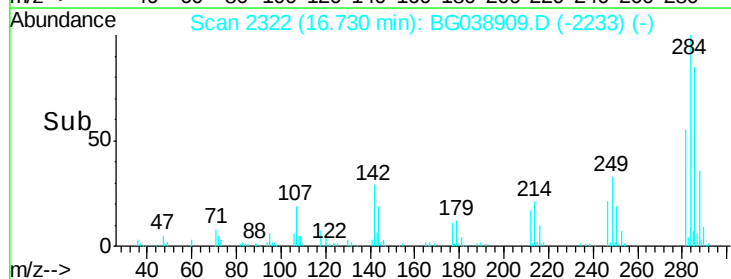
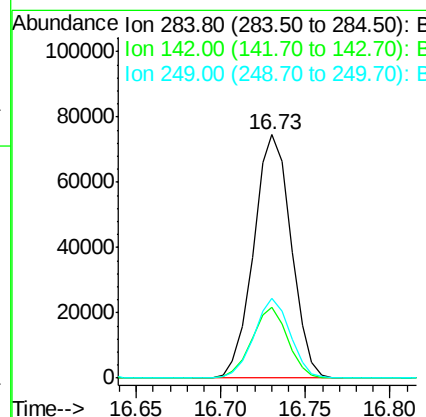
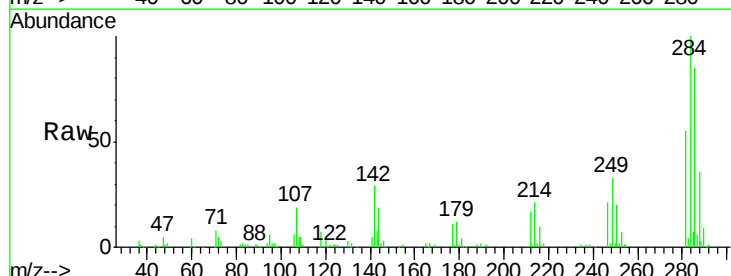
Instrument :
 BNA_G
 ClientSampled :

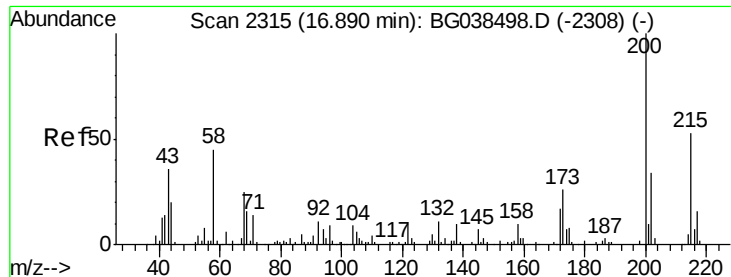
Tot Ion:248 Resp: 105914
 Ion Ratio Lower Upper
 248 100
 250 97.5 73.4 110.2
 141 68.4 52.9 79.3



#68
 Hexachlorobenzene
 Concen: 46.031 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:284 Resp: 115153
 Ion Ratio Lower Upper
 284 100
 142 29.2 25.8 38.6
 249 32.7 27.0 40.4

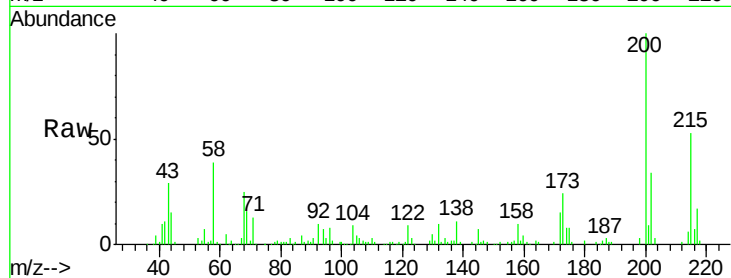




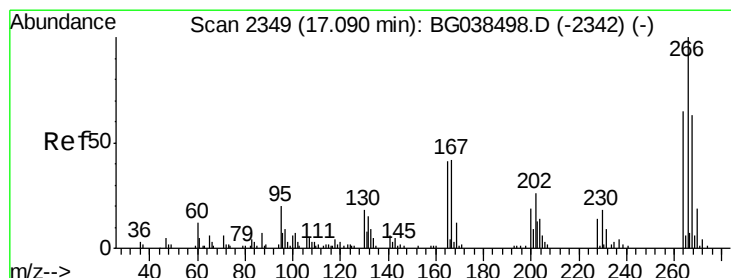
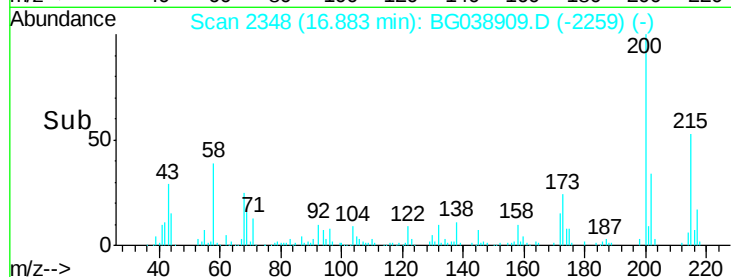
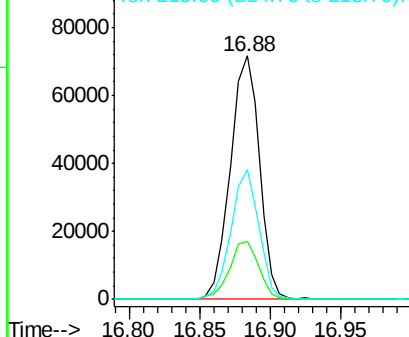
#69
 Atrazine
 Concen: 47.739 ng
 RT: 16.88 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 102863
 Ion Ratio Lower Upper
 200 100
 173 24.0 5.9 45.9
 215 53.4 33.1 73.1

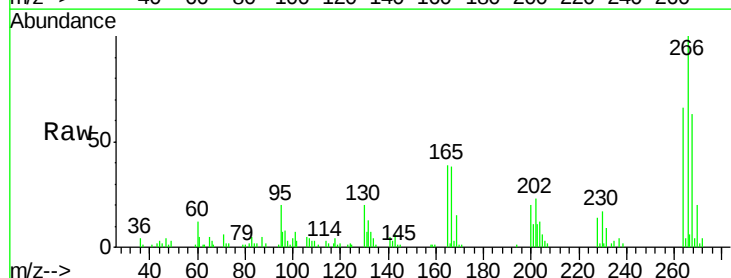


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

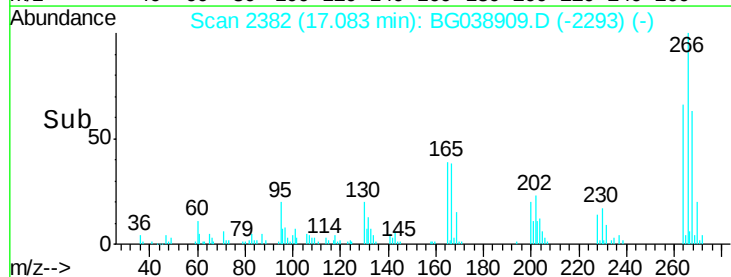
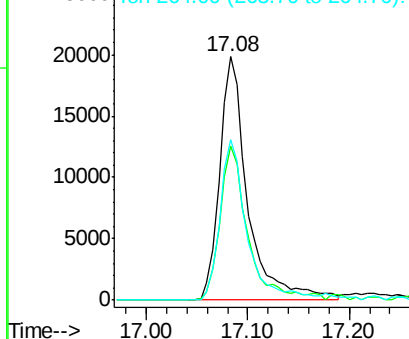


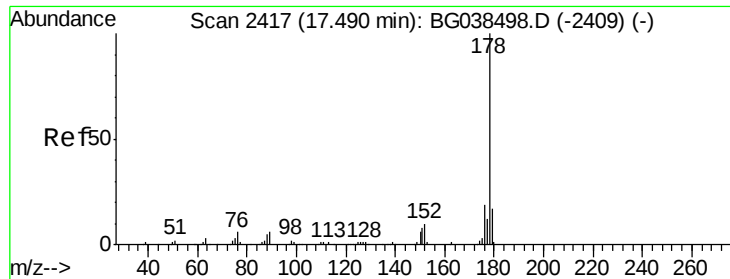
#70
 Pentachlorophenol
 Concen: 25.765 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:266 Resp: 38125
 Ion Ratio Lower Upper
 266 100
 268 67.9 55.0 82.6
 264 70.0 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

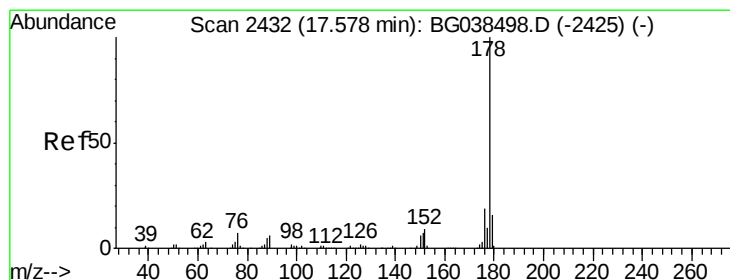
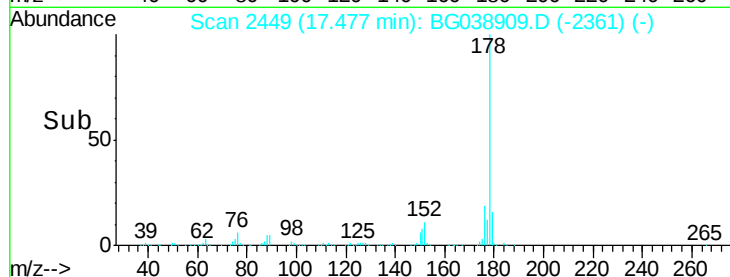
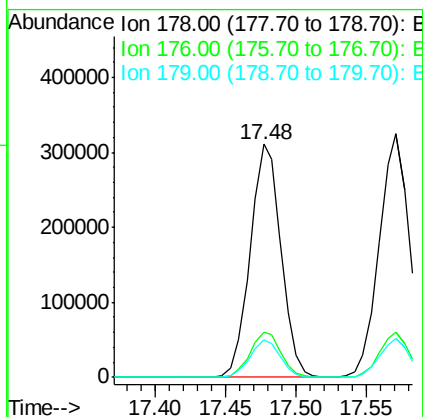
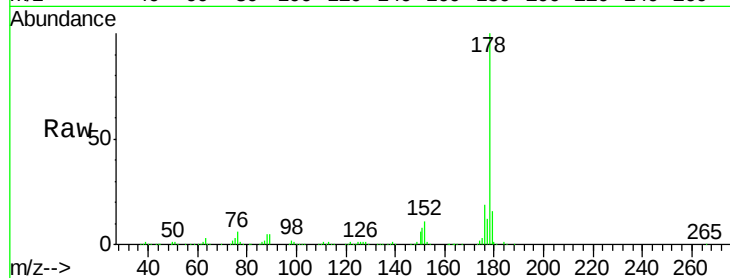




#71
Phenanthrene
Concen: 46.510 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

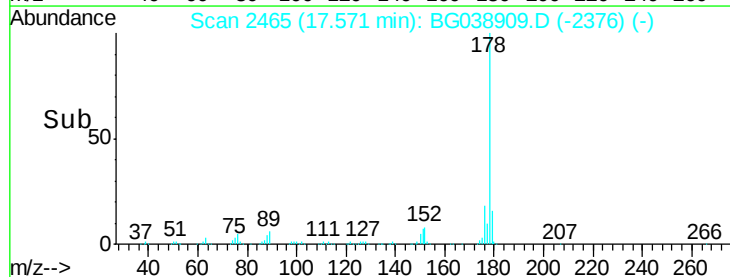
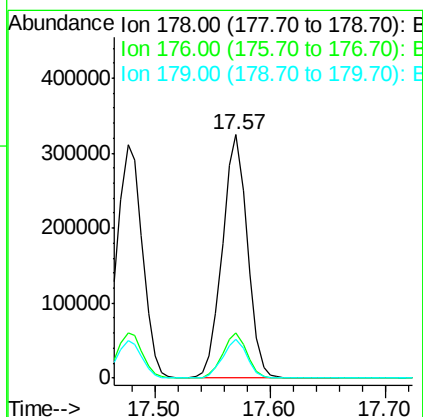
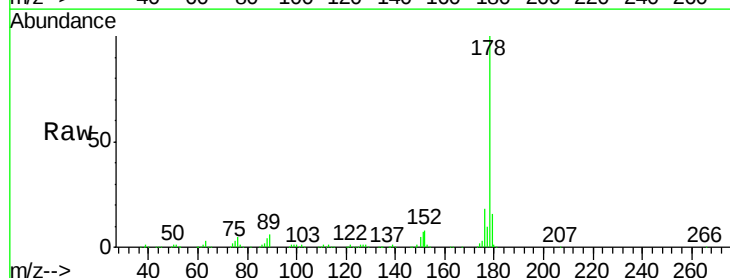
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 476584
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.9 13.2 19.8



#72
Anthracene
Concen: 47.862 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:178 Resp: 484175
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 16.2 12.9 19.3

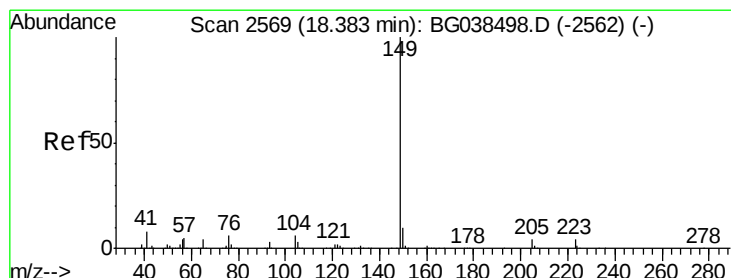
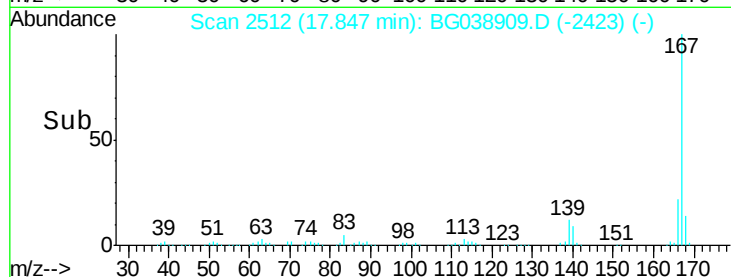
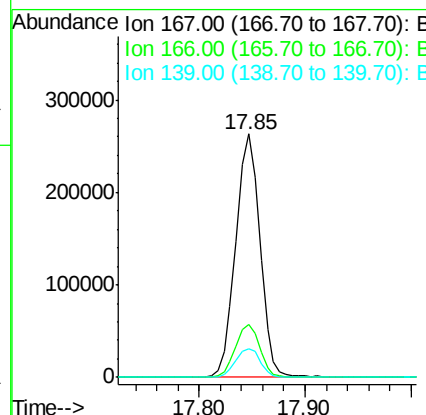
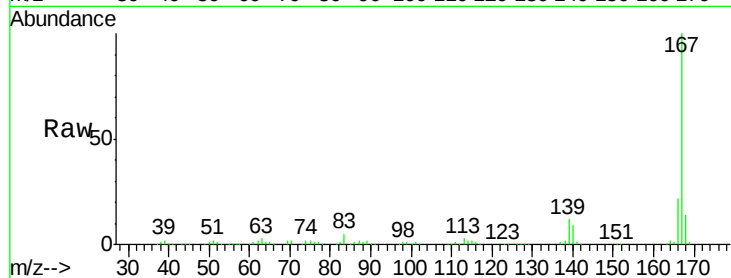




#73
 Carbazole
 Concen: 41.757 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

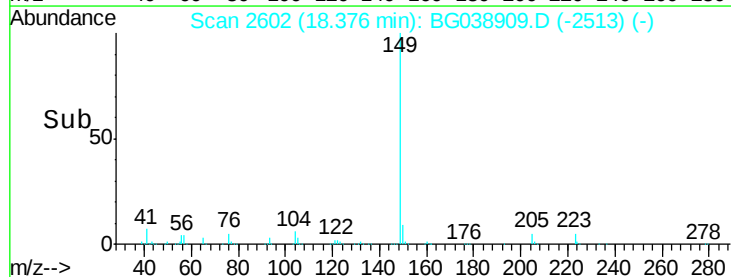
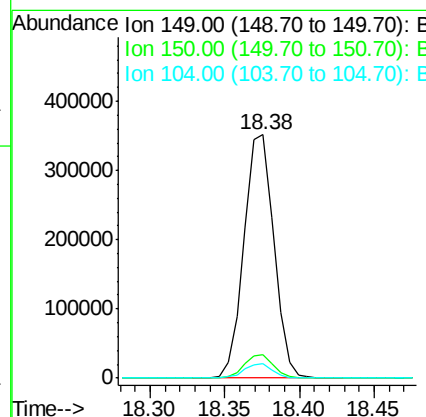
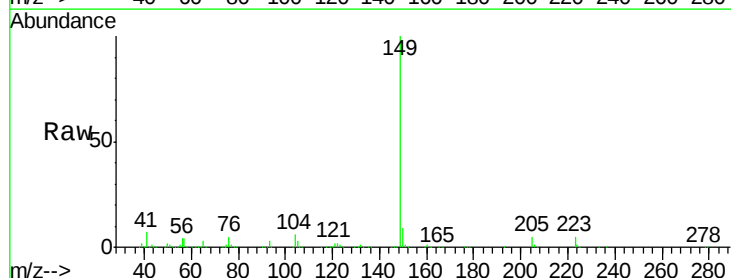
Instrument :
 BNA_G
 ClientSampleId :

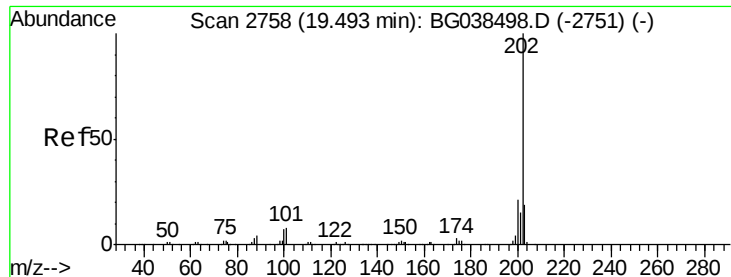
Tot Ion:167 Resp: 417758
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.9 26.9
 139 11.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 42.630 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG038909.D
 Acq: 3 Jan 2019 18:43

Tgt Ion:149 Resp: 489380
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.7 5.0 7.4





#75

Fluoranthene

Concen: 46.242 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

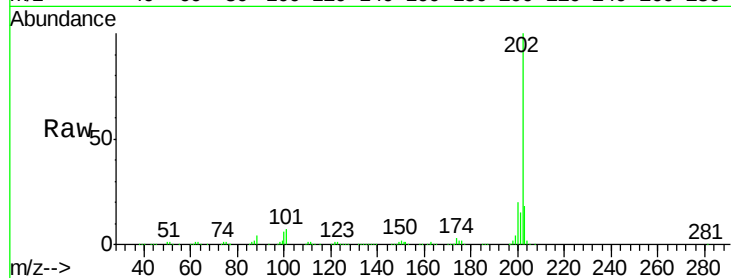
Tot Ion:202 Resp: 586269

Ion Ratio Lower Upper

202 100

101 6.7 0.0 28.1

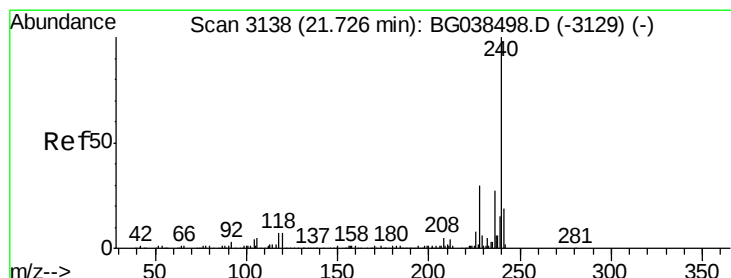
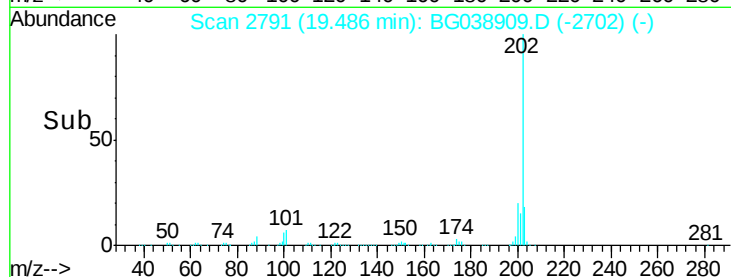
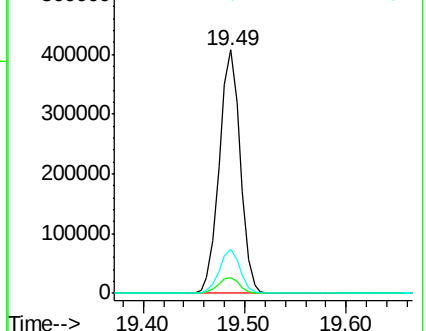
203 17.8 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

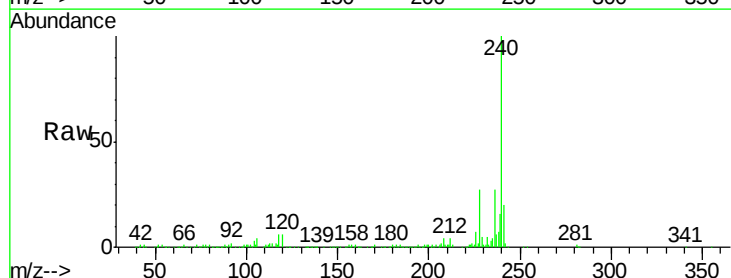
Tgt Ion:240 Resp: 198465

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

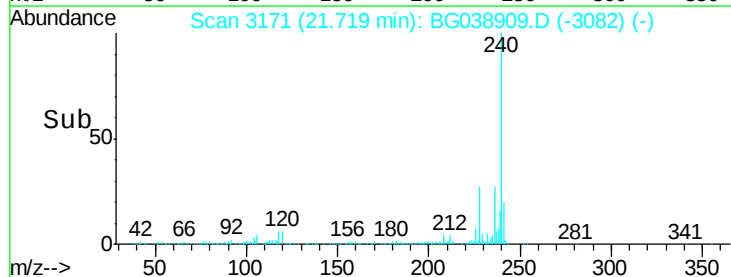
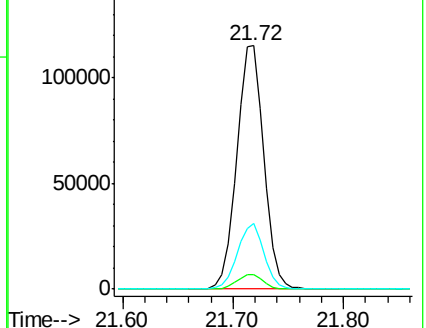
236 27.2 21.4 32.2

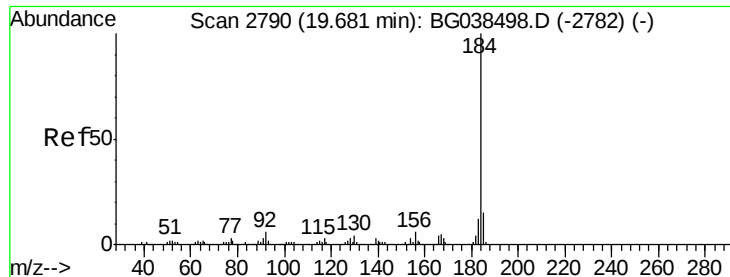


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.184 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

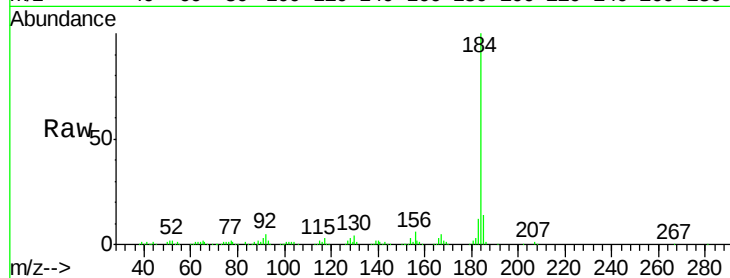
Tot Ion:184 Resp: 183034

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

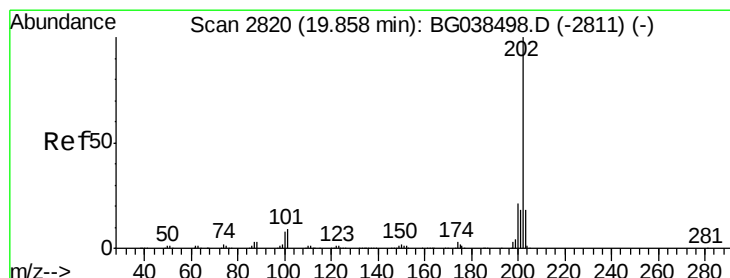
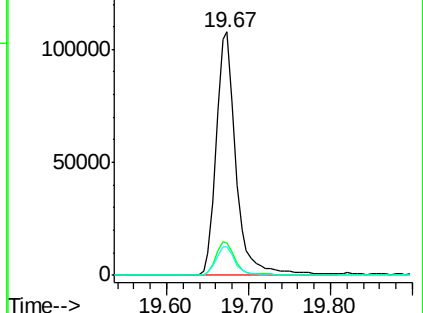
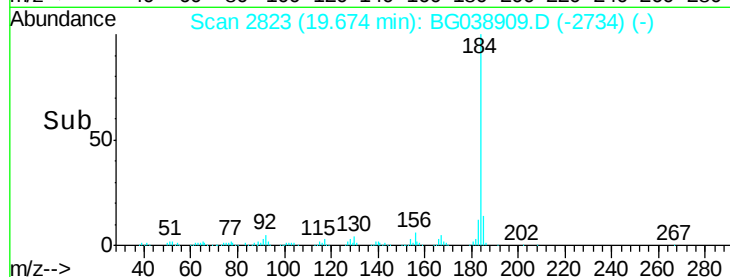
183 11.7 9.6 14.4



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: 44.586 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

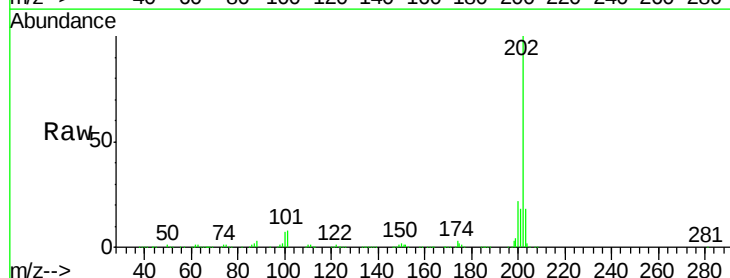
Tgt Ion:202 Resp: 584570

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

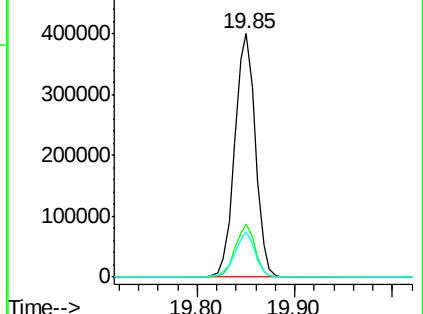
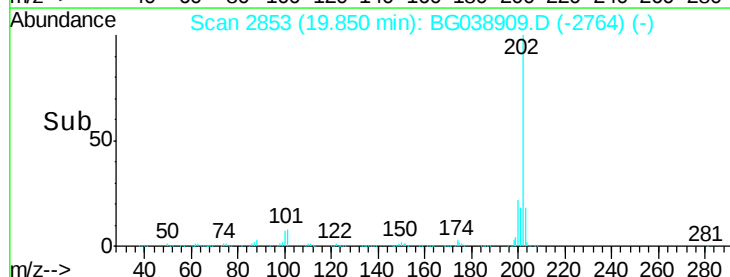
203 18.4 14.6 21.8

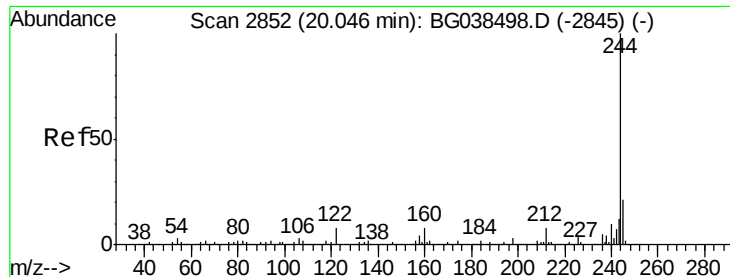


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.137 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

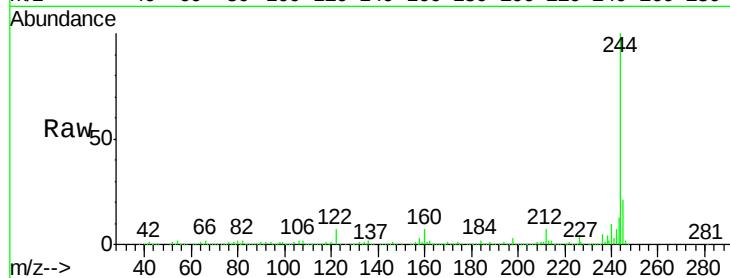
Tot Ion:244 Resp: 904056

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 6.6 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

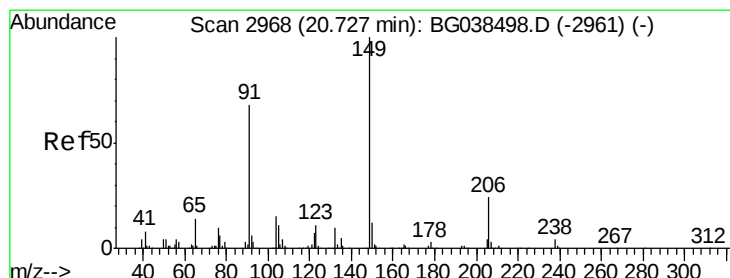
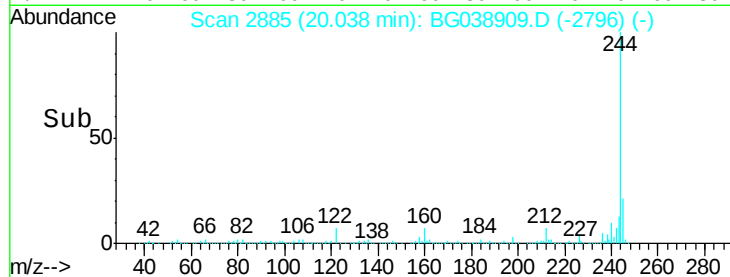
20.04

400000

200000

0

Time-->



#80

Butylbenzylphthalate

Concen: 42.030 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

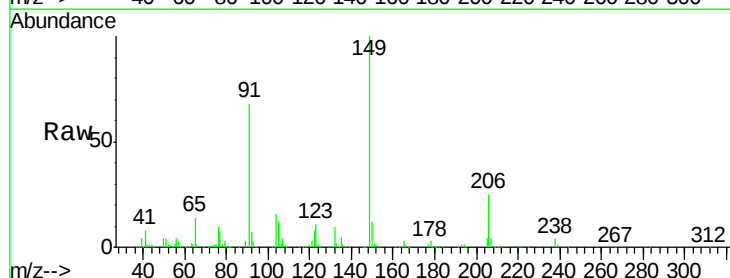
Tgt Ion:149 Resp: 215296

Ion Ratio Lower Upper

149 100

91 67.8 54.5 81.7

206 24.9 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

20.71

200000

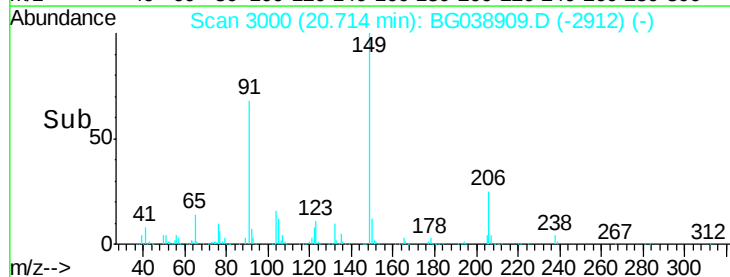
150000

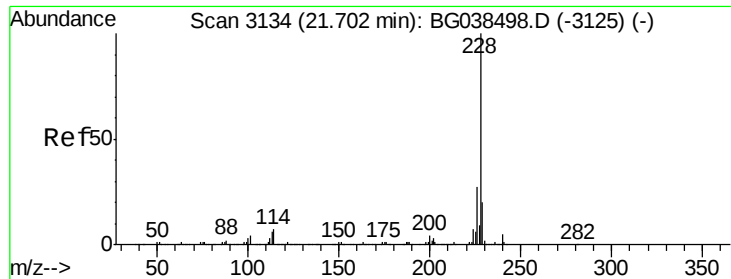
100000

50000

0

Time-->





#81

Benzo(a)anthracene

Concen: 46.689 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampleId :

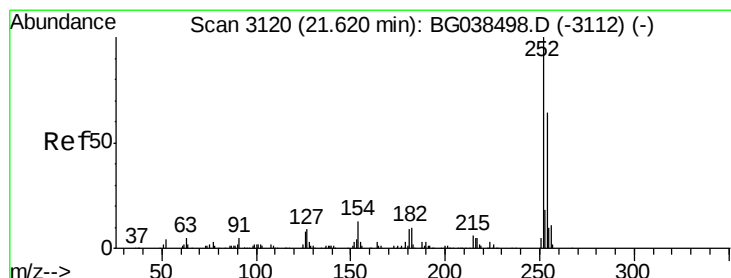
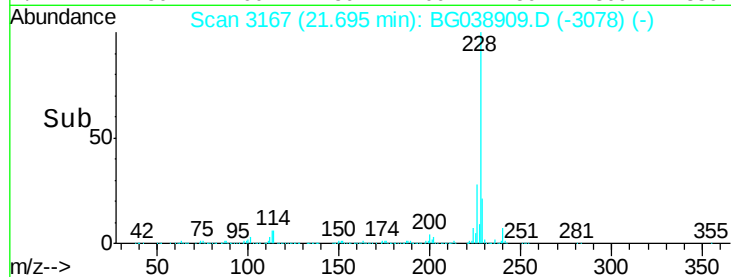
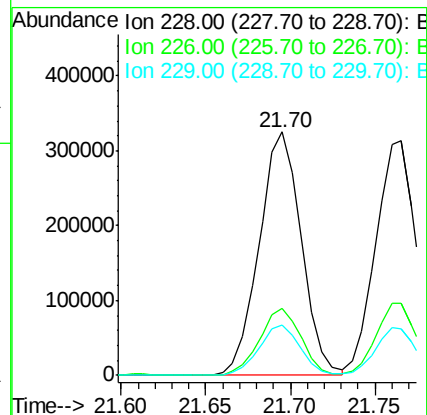
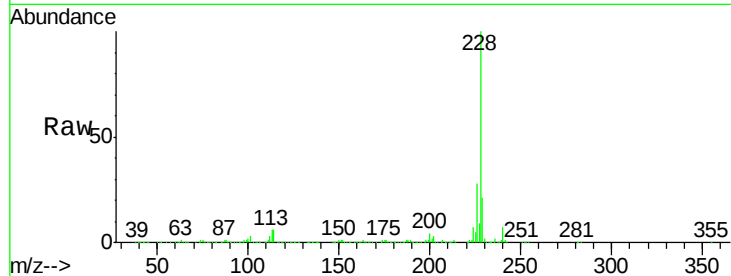
Tot Ion:228 Resp: 564634

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 20.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.701 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

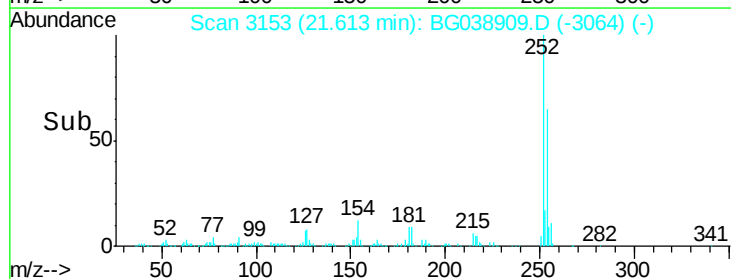
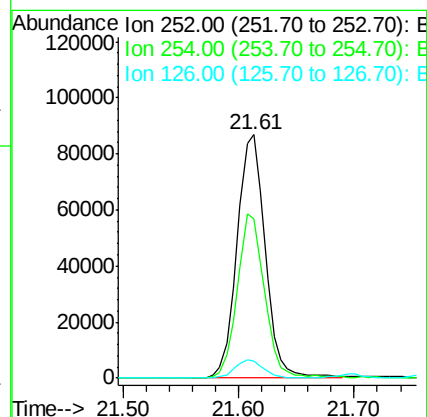
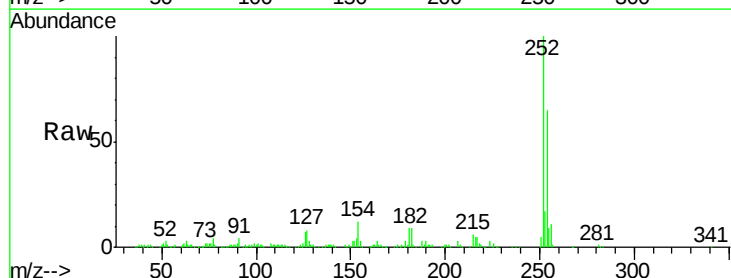
Tgt Ion:252 Resp: 147254

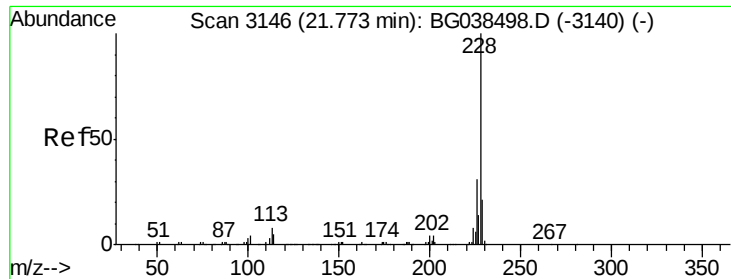
Ion Ratio Lower Upper

252 100

254 65.2 50.9 76.3

126 7.0 6.3 9.5





#83

Chrysene

Concen: 45.012 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

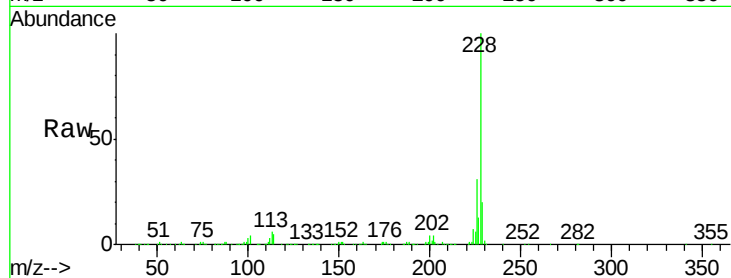
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 524315

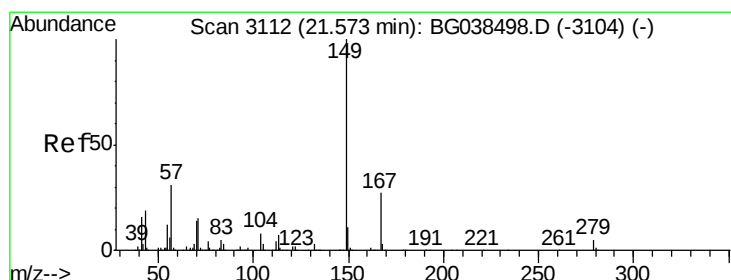
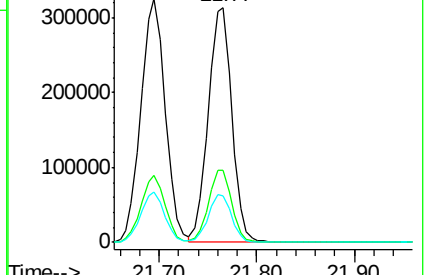
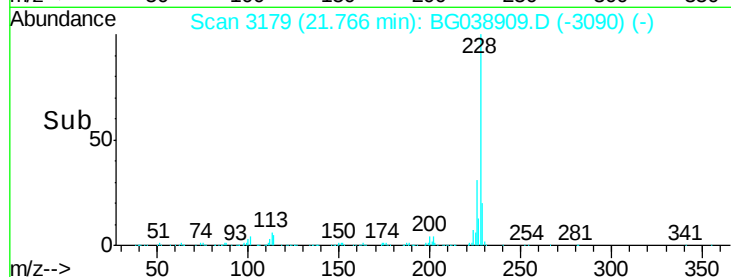
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	19.7	16.5	24.7



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: 42.404 ng

RT: 21.56 min Scan# 3144

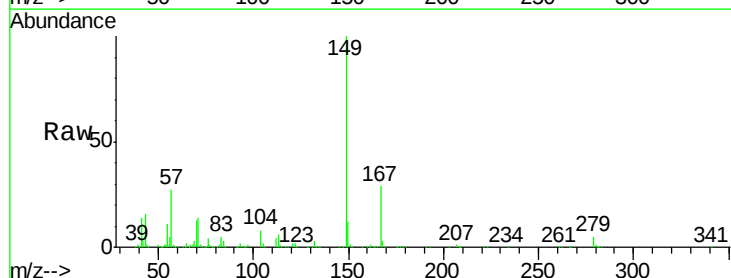
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:149 Resp: 308064

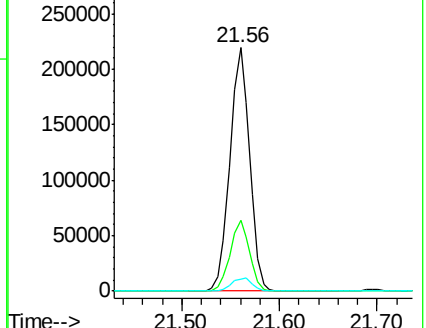
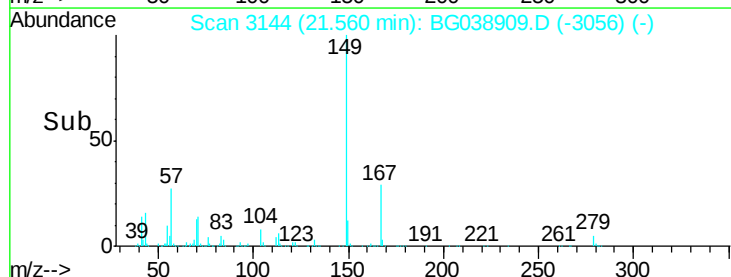
Ion	Ratio	Lower	Upper
149	100		
167	29.2	21.9	32.9
279	5.2	4.2	6.2

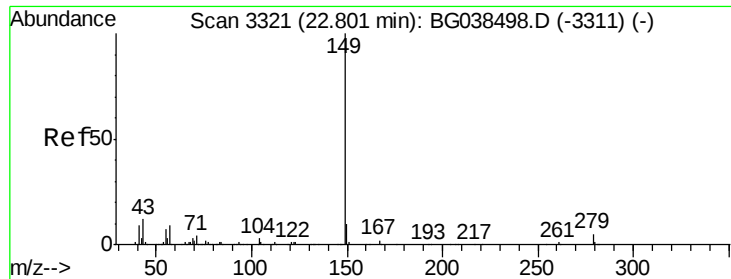


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

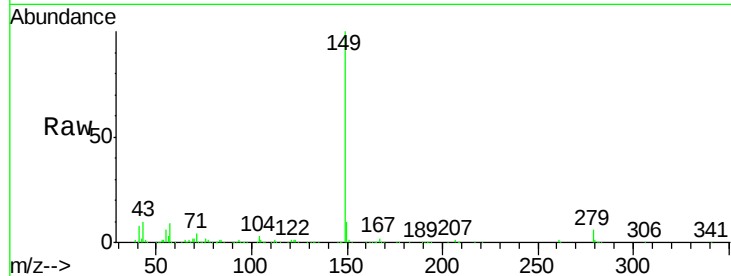




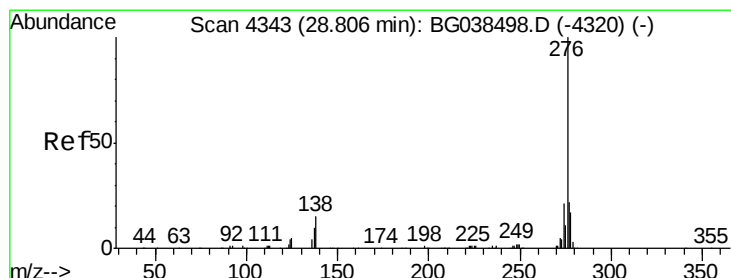
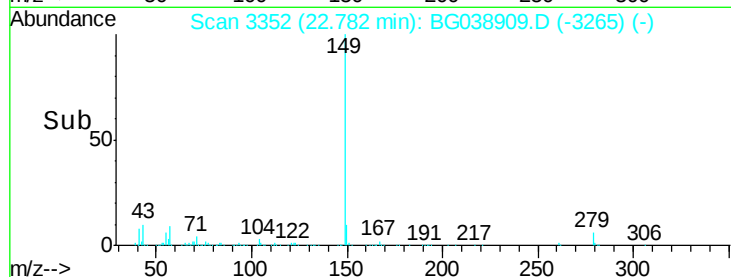
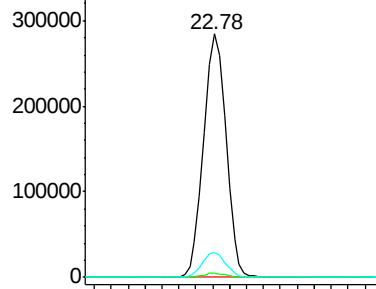
#85
Di-n-octyl phthalate
Concen: 42.927 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 522292
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.2 9.3 13.9

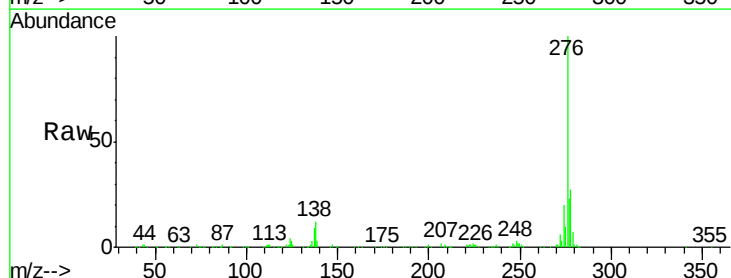


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

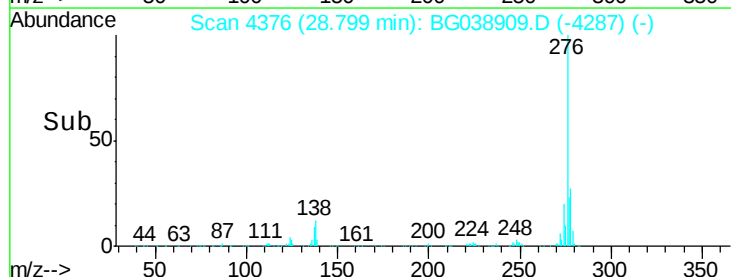
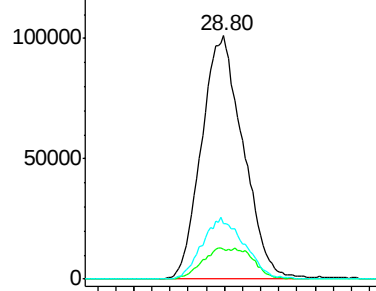


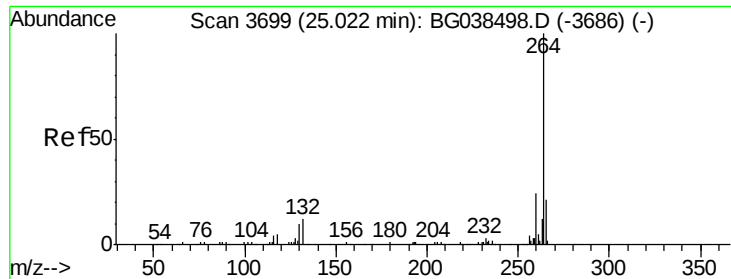
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.147 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:276 Resp: 645660
Ion Ratio Lower Upper
276 100
138 7.5 14.4 21.6#
277 25.3 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: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

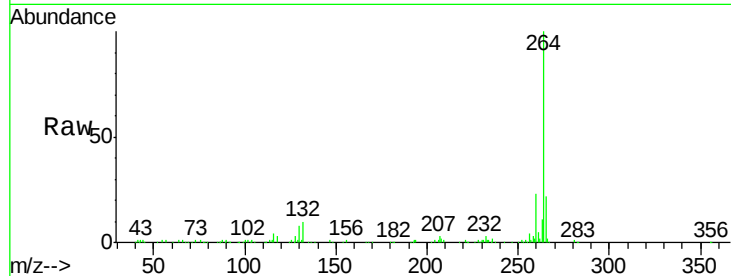
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 215307

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	21.6	17.0	25.4

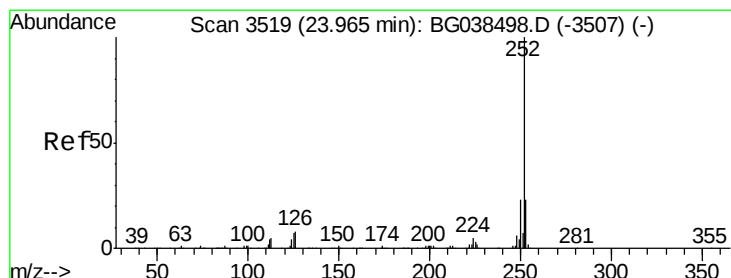
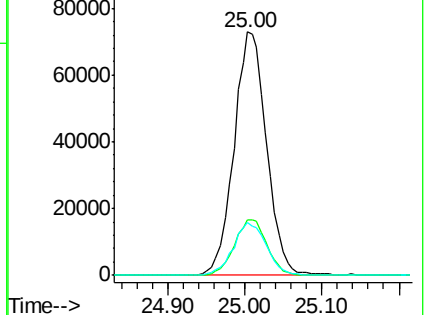
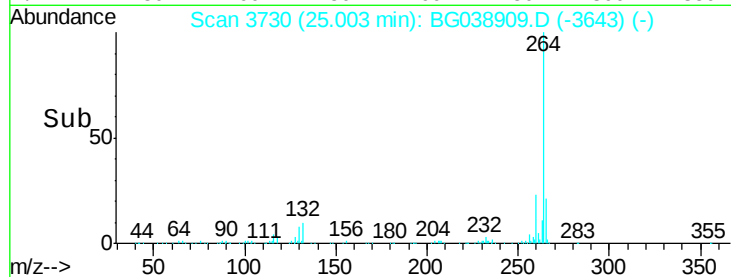


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 47.444 ng

RT: 23.96 min Scan# 3552

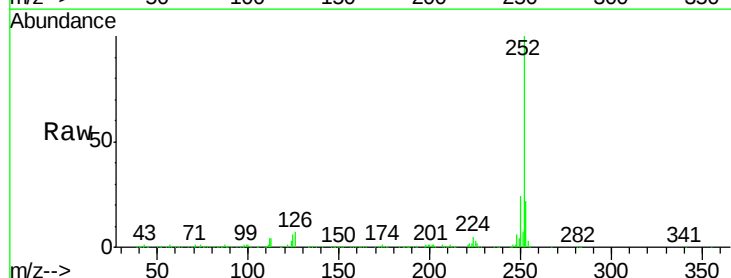
Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:252 Resp: 560844

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	6.0	5.5	8.3

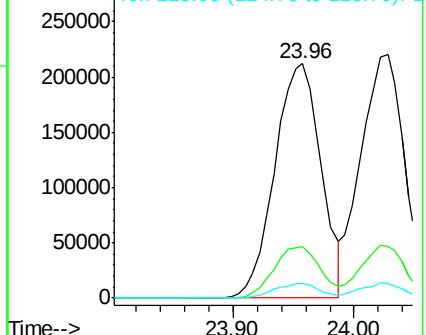
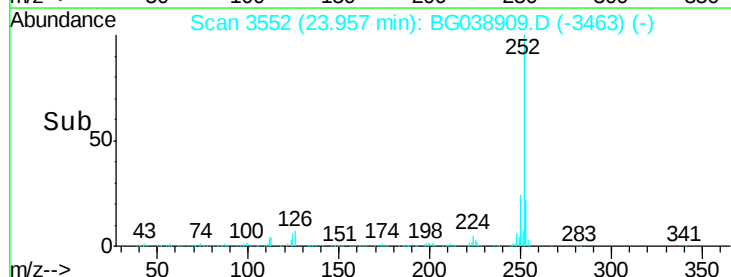


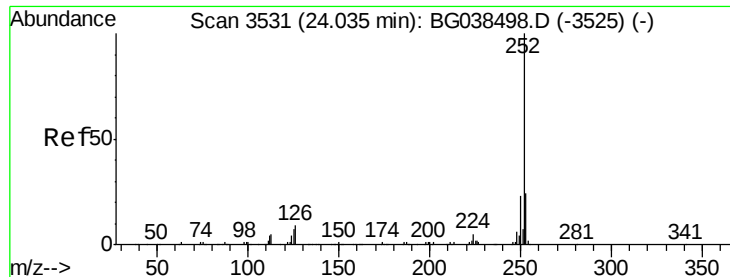
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 47.195 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG038909.D

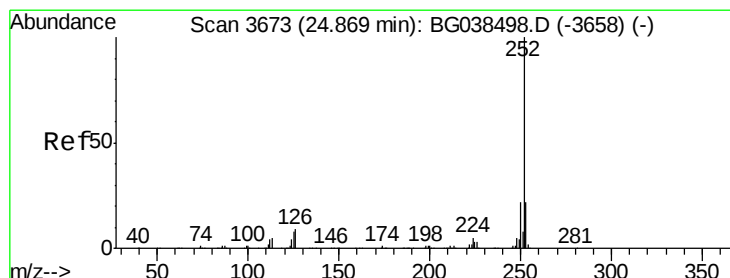
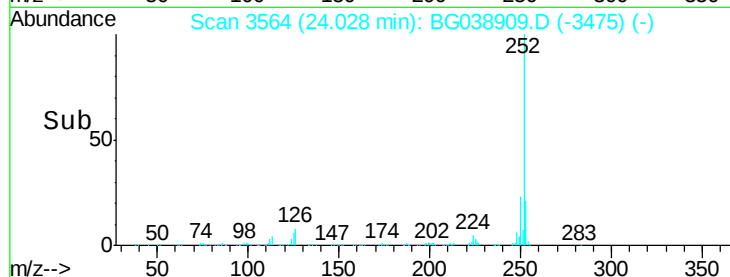
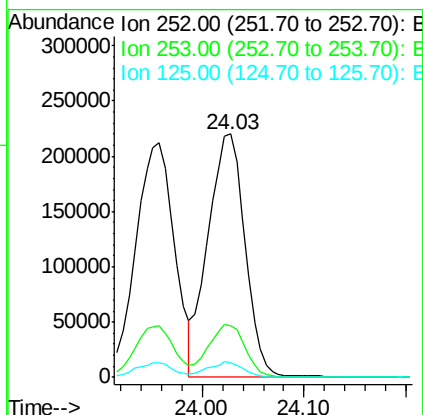
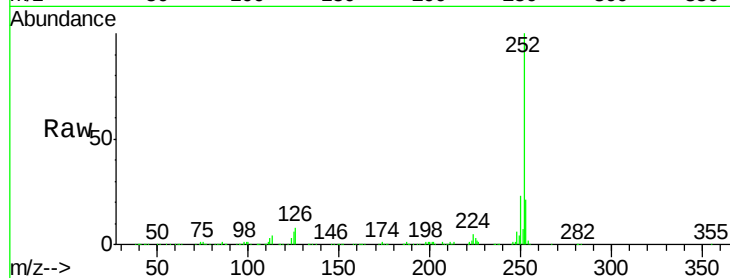
Acq: 3 Jan 2019 18:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:252	Resp:	555555
Ion Ratio	Lower	Upper
252	100	
253	21.0	18.9 28.3
125	6.0	5.4 8.2



#90

Benzo(a)pyrene

Concen: 48.540 ng

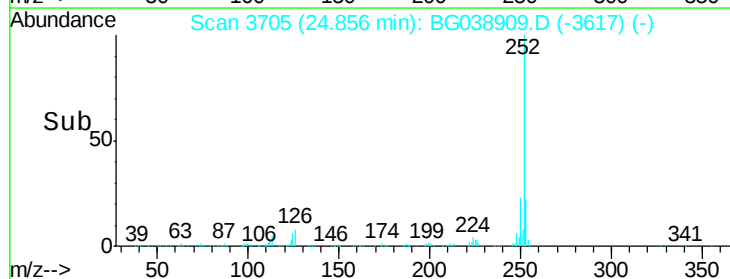
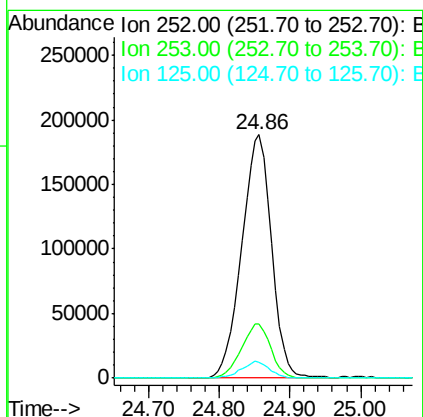
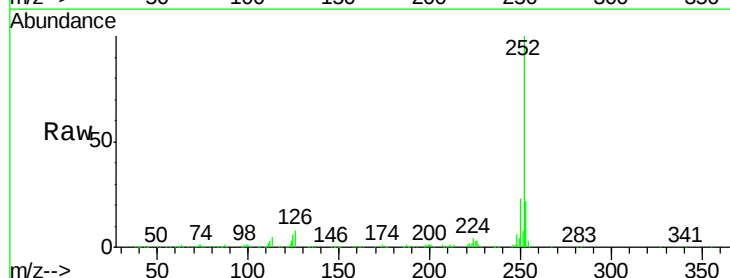
RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG038909.D

Acq: 3 Jan 2019 18:43

Tgt Ion:252	Resp:	553575
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.4 26.0
125	6.3	6.4 9.6#

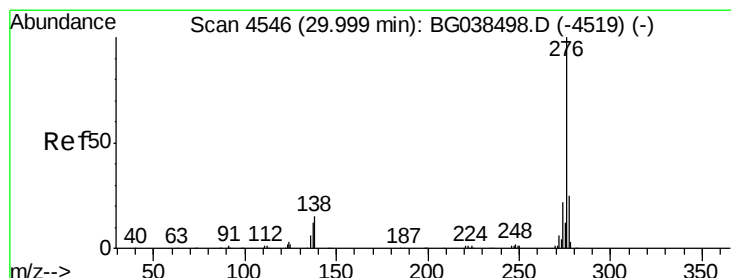
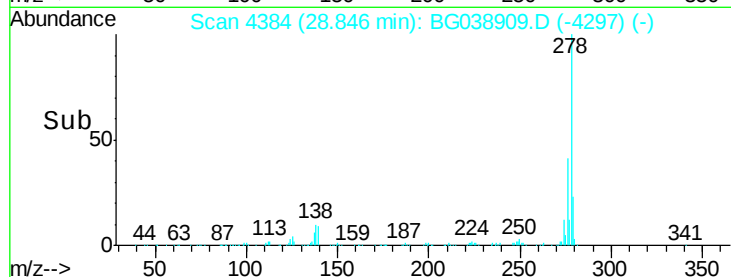
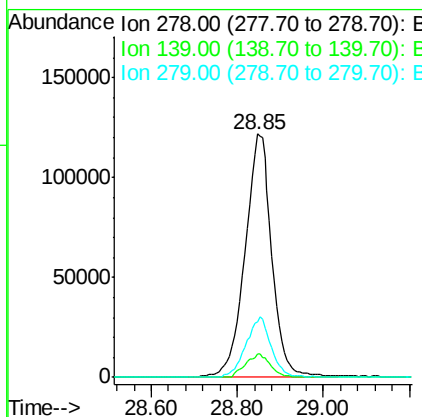
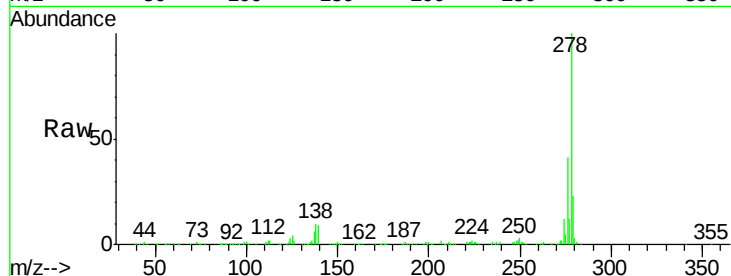




#91
Dibenzo(a,h)anthracene
Concen: 47.330 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 537439
Ion Ratio Lower Upper
278 100
139 9.4 8.6 12.8
279 22.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 48.303 ng
RT: 29.98 min Scan# 4577
Delta R.T. -0.02 min
Lab File: BG038909.D
Acq: 3 Jan 2019 18:43

Tgt Ion:276 Resp: 540535
Ion Ratio Lower Upper
276 100
277 23.2 19.8 29.8
138 13.0 11.8 17.6

