

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
 Data File : BG038753.D
 Acq On : 20 Dec 2018 8:15
 Operator : JU/SJ
 Sample : J6425-10MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

Quant Time: Dec 20 11:06:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24111	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	94817	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	64255	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163046	20.00	ng	0.00
76) Chrysene-d12	21.72	240	166984	20.00	ng	0.00
87) Perylene-d12	25.02	264	179183	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	198974	146.37	ng	0.00
7) Phenol-d6	7.22	99	260293	139.48	ng	0.00
23) Nitrobenzene-d5	9.24	82	183829	99.05	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	160821	181.61	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	457001	97.57	ng	0.00
79) Terphenyl-d14	20.04	244	894841	116.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	18935	29.928	ng	97
3) Pyridine	3.90	79	41976	24.098	ng	93
4) n-Nitrosodimethylamine	3.82	42	37072	43.435	ng	# 85
6) Aniline	7.39	93	64318	26.998	ng	99
8) 2-Chlorophenol	7.62	128	70592	44.873	ng	95
9) Benzaldehyde	7.20	77	24755	20.448	ng	93
10) Phenol	7.24	94	86963	43.862	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	60324	38.216	ng	94
12) 1,3-Dichlorobenzene	7.94	146	72629	39.047	ng	98
13) 1,4-Dichlorobenzene	8.09	146	73647	38.660	ng	97
14) 1,2-Dichlorobenzene	8.41	146	71277	39.688	ng	96
15) Benzyl Alcohol	8.30	79	66520	45.667	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	131846	36.462	ng	98
17) 2-Methylphenol	8.50	107	62378	46.959	ng	95
18) Hexachloroethane	9.14	117	25837	37.116	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	51911	39.605	ng	99
20) 3+4-Methylphenols	8.83	107	90016	49.068	ng	97
22) Acetophenone	8.89	105	106077	44.790	ng	96
24) Nitrobenzene	9.28	77	84870	45.202	ng	97
25) Isophorone	9.79	82	151316	45.377	ng	96
26) 2-Nitrophenol	9.99	139	42140	43.851	ng	91
27) 2,4-Dimethylphenol	10.03	122	73741	53.543	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	83735	44.496	ng	98
29) 2,4-Dichlorophenol	10.52	162	80449	52.507	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	83922	45.346	ng	98
31) Naphthalene	10.92	128	227510	48.699	ng	98
32) Benzoic acid	10.21	122	23583	31.414	ng	88
33) 4-Chloroaniline	11.04	127	41789	20.604	ng	96
34) Hexachlorobutadiene	11.19	225	55433	44.266	ng	94
35) Caprolactam	11.83	113	19945	31.455	ng	# 86
36) 4-Chloro-3-methylphenol	12.15	107	82513	47.192	ng	97
37) 2-Methylnaphthalene	12.53	142	174431	52.337	ng	100
38) 1-Methylnaphthalene	12.74	142	167140	51.680	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	107008	44.553	ng	99

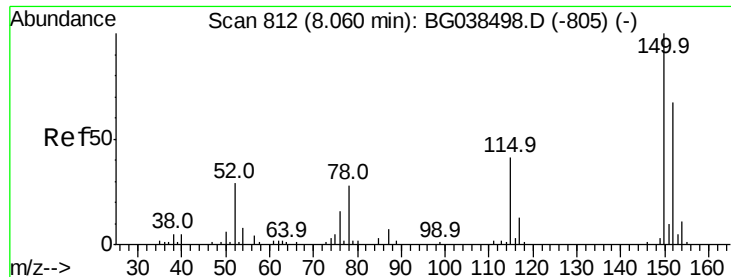
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	109375	82.888	nq	90
43) 2,4,6-Trichlorophenol	13.13	196	73396	49.699	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	79799	51.036	nq	99
46) 1,1'-Biphenyl	13.53	154	228256	42.374	nq	99
47) 2-Chloronaphthalene	13.58	162	186508	44.824	nq	97
48) 2-Nitroaniline	13.79	65	54224	40.913	nq	97
49) Acenaphthylene	14.42	152	307673	49.462	nq	99
50) Dimethylphthalate	14.14	163	246899	47.053	nq	98
51) 2,6-Dinitrotoluene	14.28	165	55773	46.903	nq	97
52) Acenaphthene	14.76	154	177302	47.667	nq	99
53) 3-Nitroaniline	14.61	138	37040	30.557	nq	97
54) 2,4-Dinitrophenol	14.82	184	54290	76.943	nq	93
55) Dibenzofuran	15.09	168	302533	47.449	nq	96
56) 4-Nitrophenol	14.91	139	74264	80.758	nq	96
57) 2,4-Dinitrotoluene	15.07	165	78504	46.873	nq	98
58) Fluorene	15.74	166	242831	51.406	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	74280	52.803	nq	97
60) Diethylphthalate	15.50	149	253108	43.940	nq	97
61) 4-Chlorophenyl-phenylether	15.72	204	138509	46.995	nq	97
62) 4-Nitroaniline	15.78	138	50422	40.404	nq	92
63) Azobenzene	16.02	77	215224	44.725	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	48882	42.028	nq	90
66) n-Nitrosodiphenylamine	15.95	169	225034	46.974	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	92160	46.282	nq	97
68) Hexachlorobenzene	16.74	284	97689	47.326	nq	97
69) Atrazine	16.89	200	90303	50.793	nq	97
70) Pentachlorophenol	17.09	266	102054	83.587	nq	98
71) Phenanthrene	17.49	178	422035	49.915	nq	98
72) Anthracene	17.57	178	428923	51.387	nq	99
73) Carbazole	17.85	167	371326	44.983	nq	100
74) Di-n-butylphthalate	18.38	149	432177	45.626	nq	99
75) Fluoranthene	19.49	202	516214	49.346	nq	98
77) Benzidine	19.68	184	77937	15.782	nq	# 97
78) Pyrene	19.85	202	517019	46.868	nq	99
80) Butylbenzylphthalate	20.72	149	195121	45.273	nq	99
81) Benzo(a)anthracene	21.70	228	503217	49.455	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	104338	25.855	nq	97
83) Chrysene	21.77	228	467711	47.722	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	270293	44.219	nq	98
85) Di-n-octyl phthalate	22.80	149	466408	45.561	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	570126	49.480	nq	# 73
88) Benzo(b)fluoranthene	23.97	252	510775	51.919	nq	98
89) Benzo(k)fluoranthene	24.04	252	490465	50.066	nq	98
90) Benzo(a)pyrene	24.87	252	492655	51.908	nq	98
91) Dibenzo(a,h)anthracene	28.87	278	472994	50.053	nq	98
92) Benzo(g,h,i)perylene	29.99	276	478413	51.371	nq	96

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

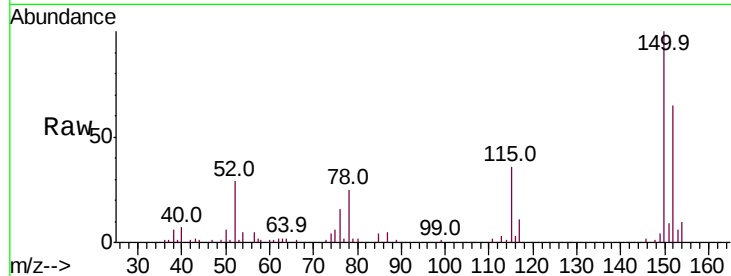


#1

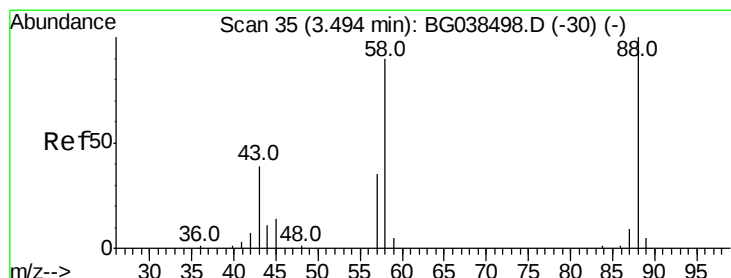
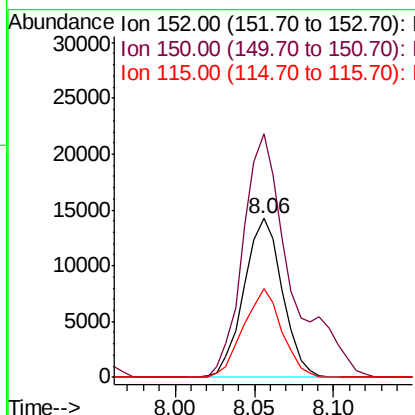
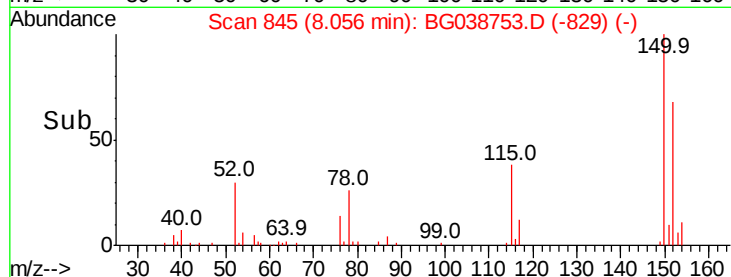
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:152 Resp: 24111
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 55.8 49.6 74.4



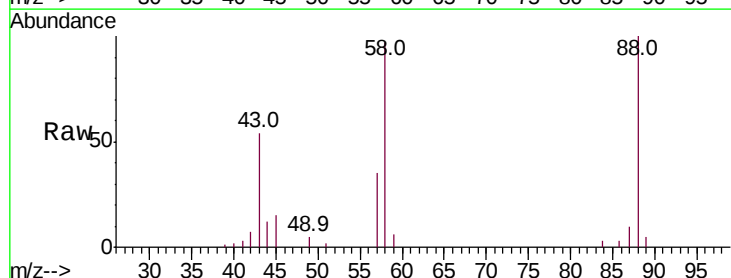
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



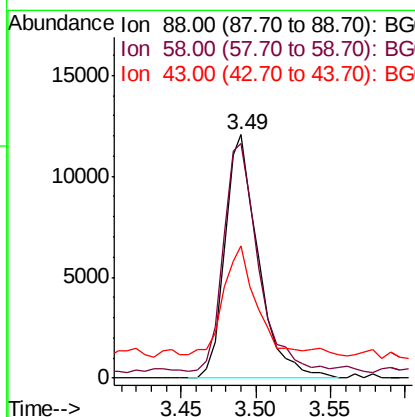
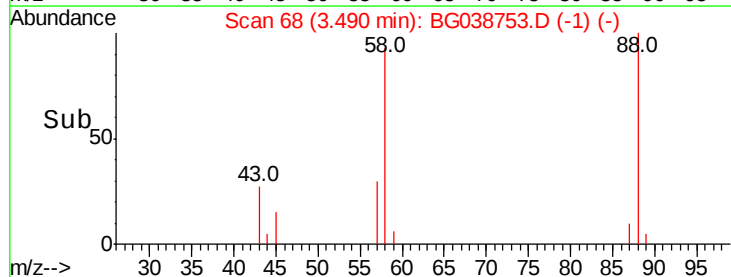
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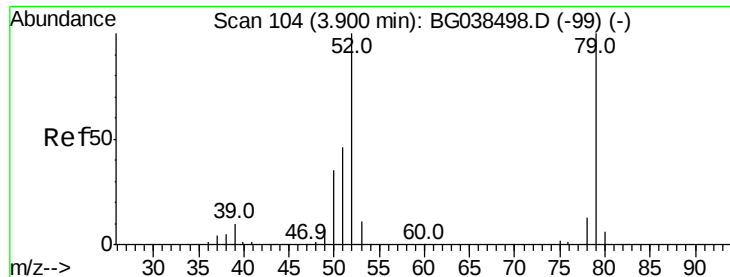
1,4-Dioxane
Concen: 29.928 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion: 88 Resp: 18935
Ion Ratio Lower Upper
88 100
58 96.7 75.7 113.5
43 43.4 31.6 47.4



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





#3

Pvridine

Concen: 24.098 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

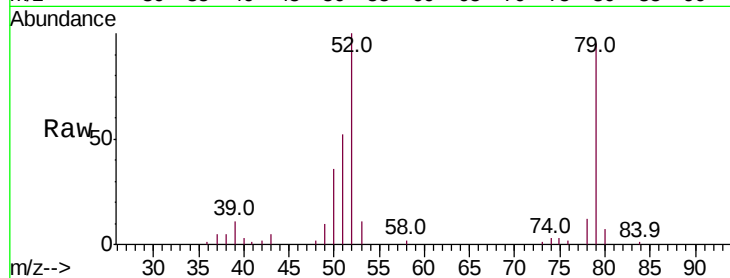
Tot Ion: 79 Resp: 41976

Ion Ratio Lower Upper

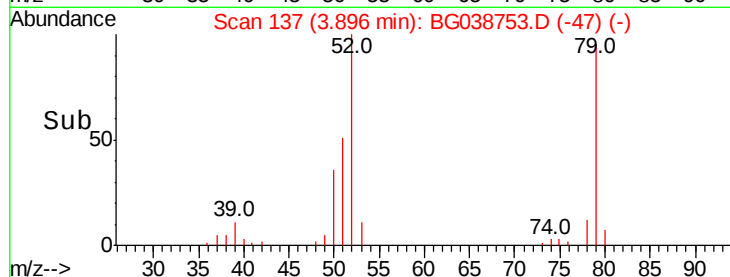
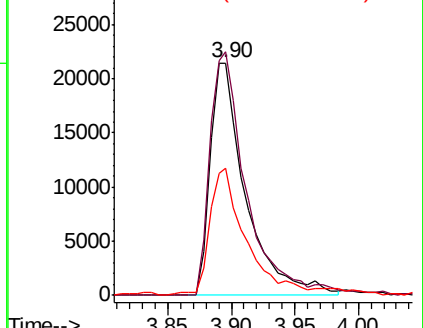
79 100

52 104.8 80.2 120.2

51 55.0 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 43.435 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

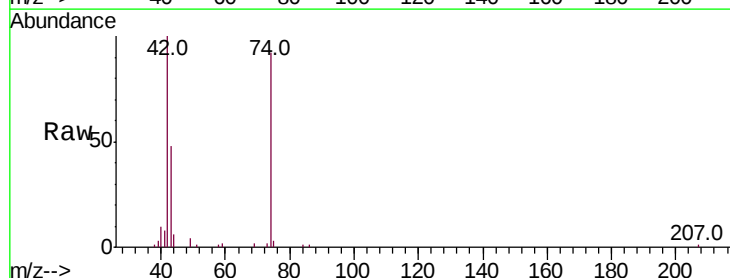
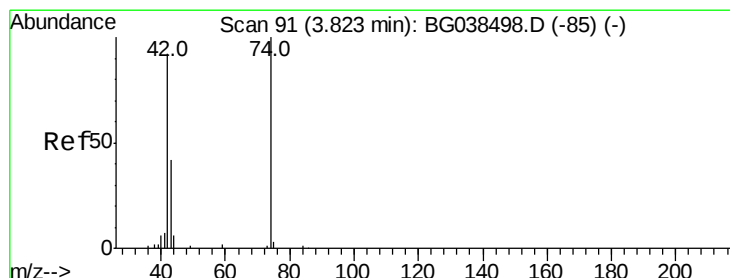
Tgt Ion: 42 Resp: 37072

Ion Ratio Lower Upper

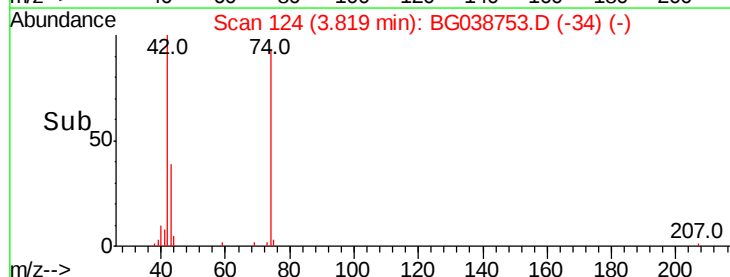
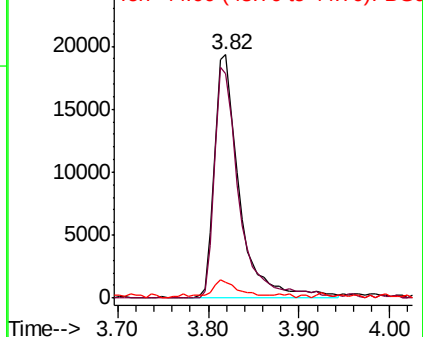
42 100

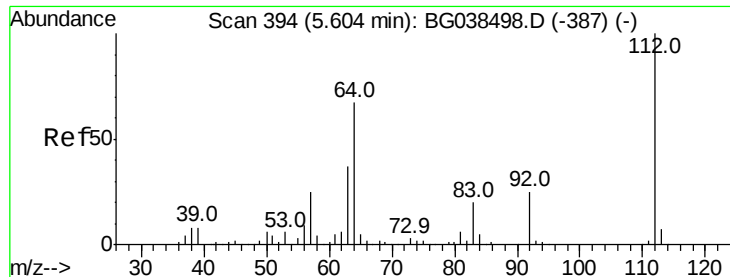
74 92.2 86.7 130.1

44 6.3 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 146.369 ng

RT: 5.61 min Scan# 428

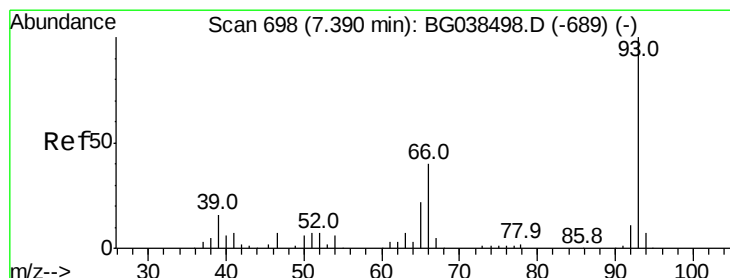
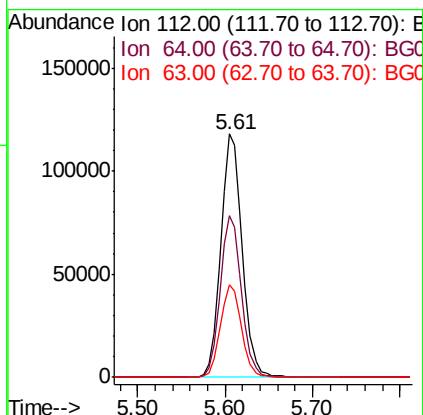
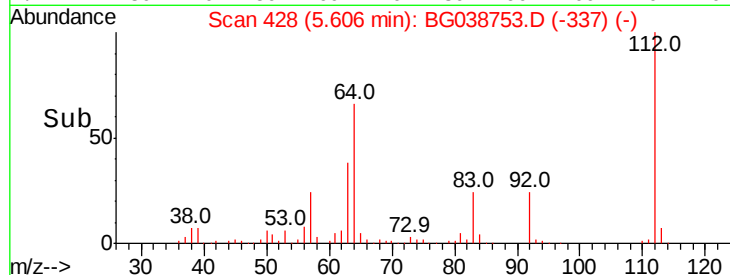
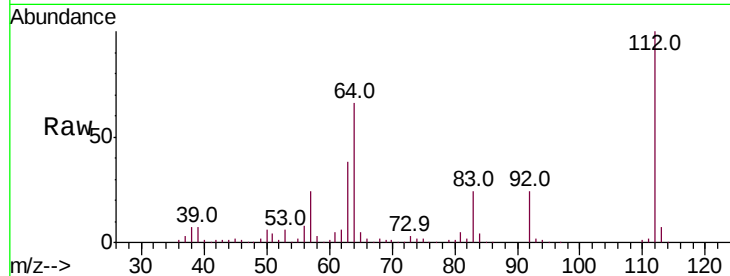
Delta R.T. 0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:	112	Resp:	198974
Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.4	80.2
63	38.0	29.3	43.9



#6

Aniline

Concen: 26.998 ng

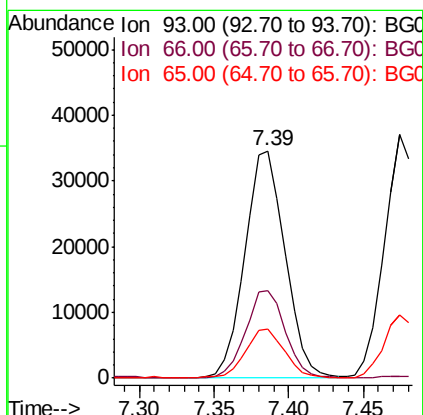
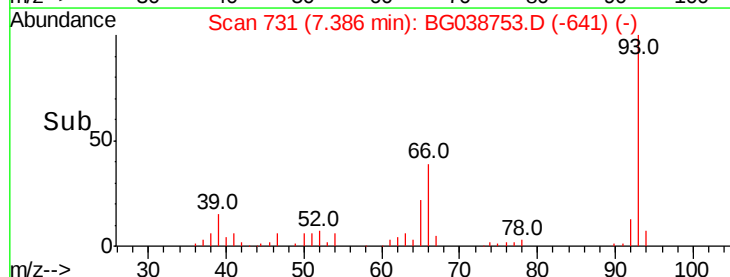
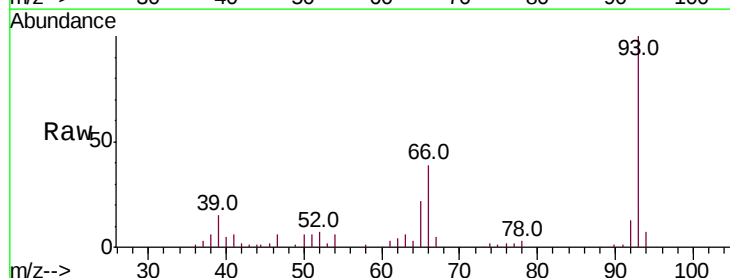
RT: 7.39 min Scan# 731

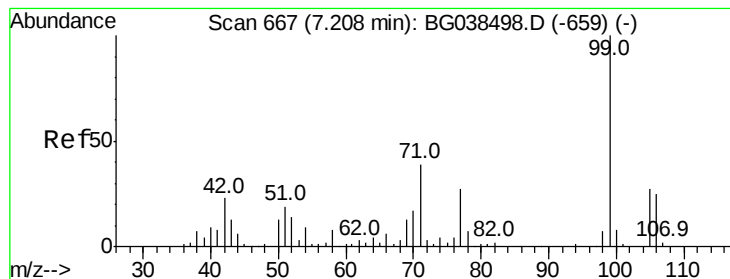
Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Tgt Ion:	93	Resp:	64318
Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.7	47.5
65	21.7	17.8	26.6





#7

Phenol-d6

Concen: 139.478 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

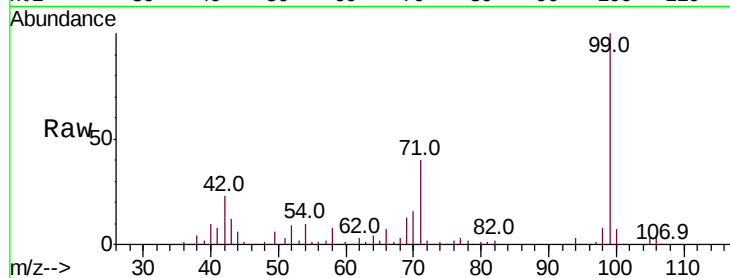
Tot Ion: 99 Resp: 260293

Ion Ratio Lower Upper

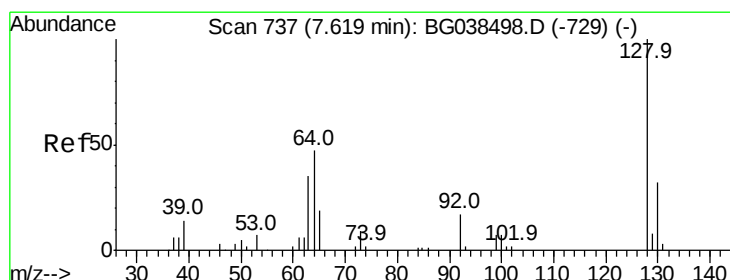
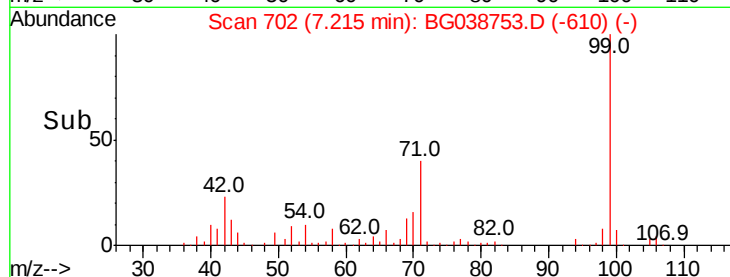
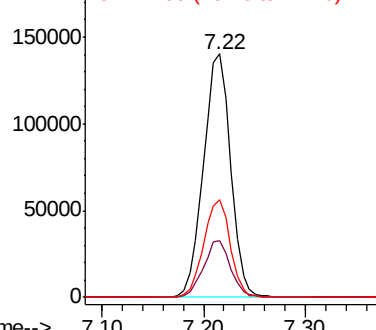
99 100

42 23.5 18.5 27.7

71 40.1 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: 44.873 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

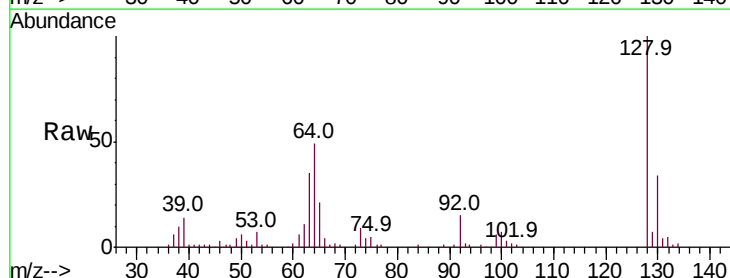
Tgt Ion:128 Resp: 70592

Ion Ratio Lower Upper

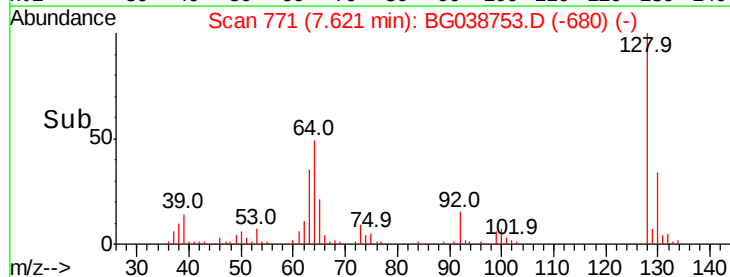
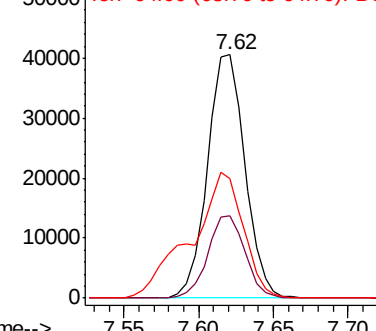
128 100

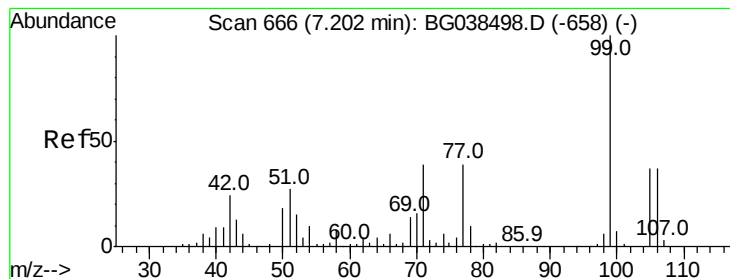
130 33.9 11.8 51.8

64 49.3 33.2 73.2



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





#9

Benzaldehyde

Concen: 20.448 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

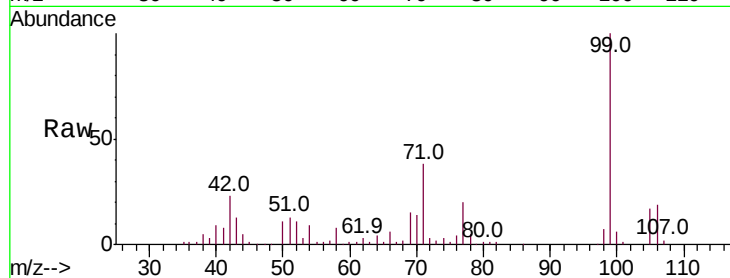
Tot Ion: 77 Resp: 24755

Ion Ratio Lower Upper

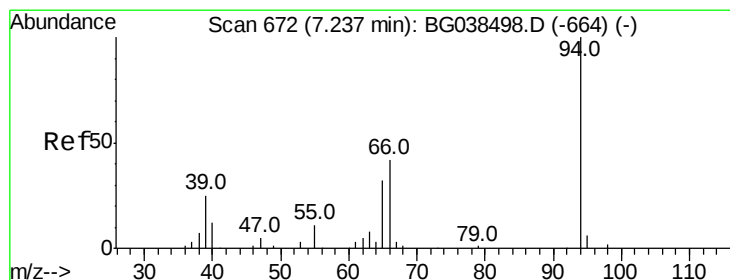
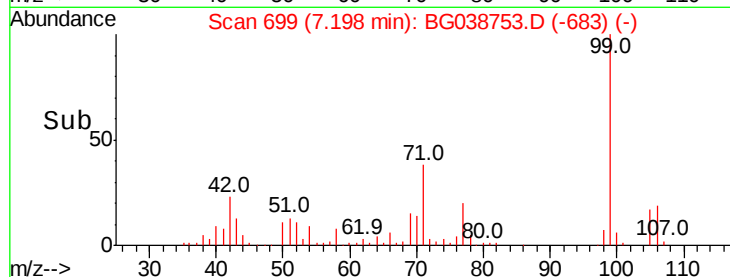
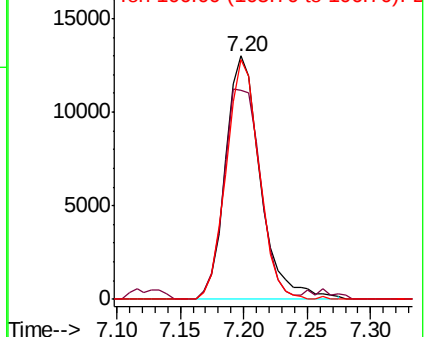
77 100

105 85.6 74.0 114.0

106 98.7 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: 43.862 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

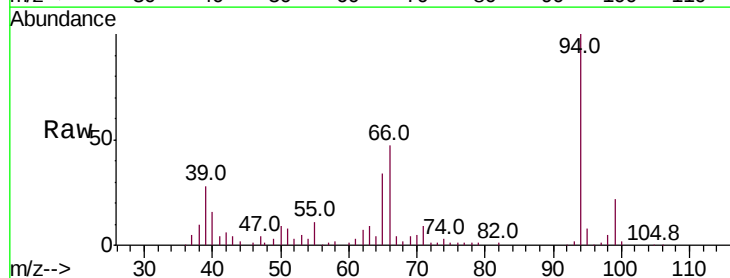
Tgt Ion: 94 Resp: 86963

Ion Ratio Lower Upper

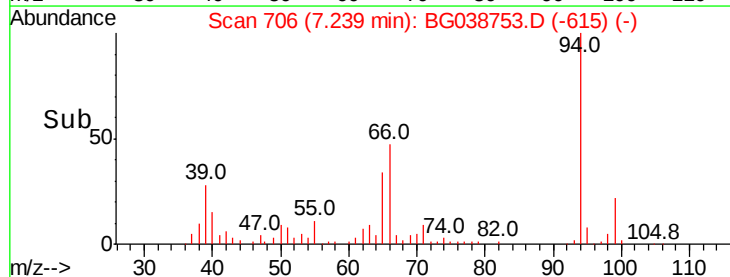
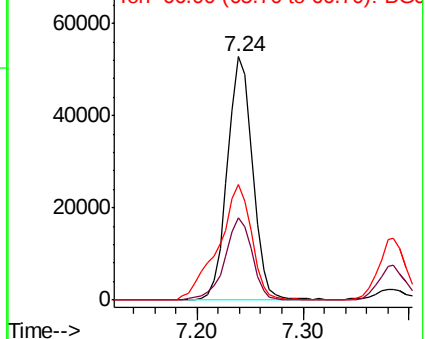
94 100

65 33.6 12.6 52.6

66 47.3 24.1 64.1



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

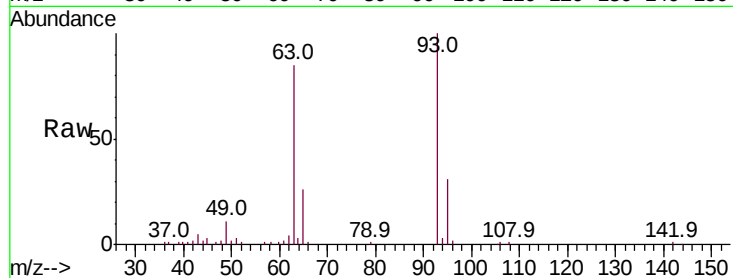




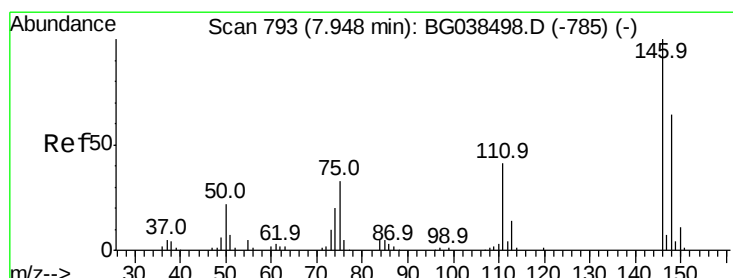
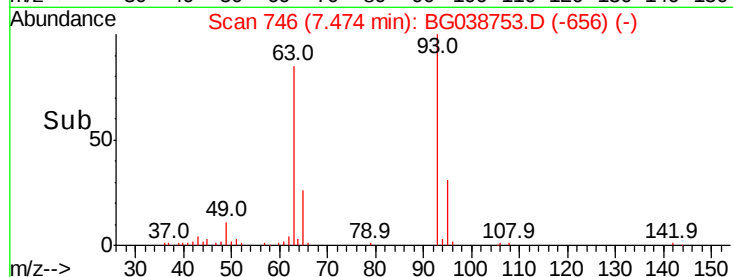
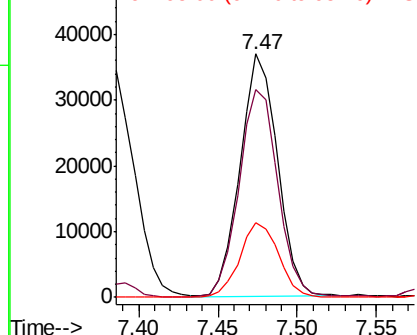
#11
bis(2-Chloroethyl)ether
Concen: 38.216 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion: 93 Resp: 60324
Ion Ratio Lower Upper
93 100
63 85.2 72.2 112.2
95 30.7 11.2 51.2

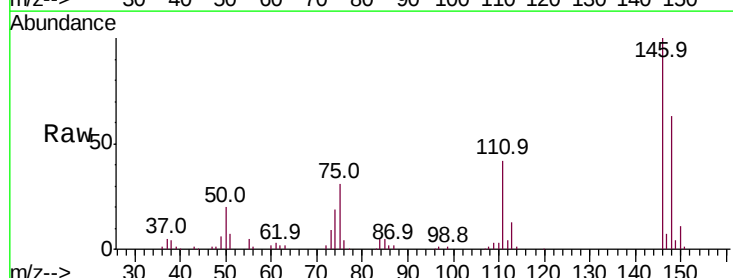


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

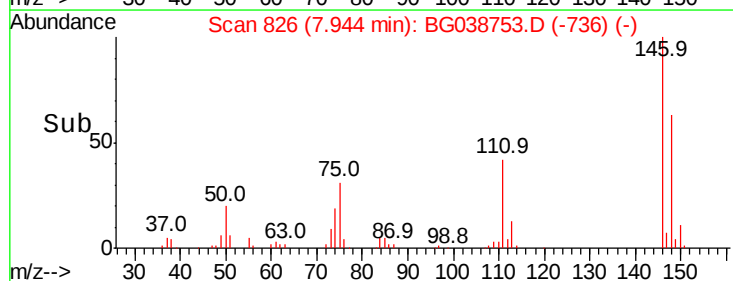
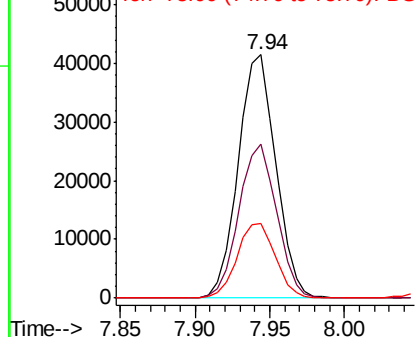


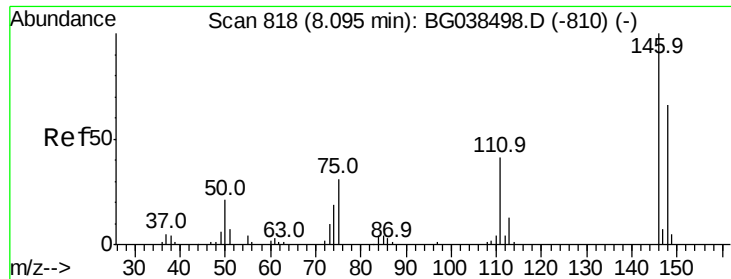
#12
1,3-Dichlorobenzene
Concen: 39.047 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion: 146 Resp: 72629
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 30.7 26.1 39.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 38.660 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

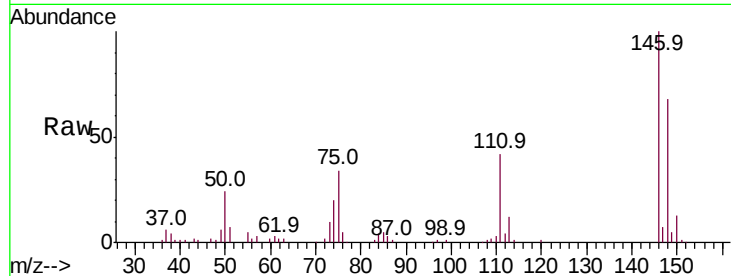
Tot Ion:146 Resp: 73647

Ion Ratio Lower Upper

146 100

148 68.3 52.4 78.6

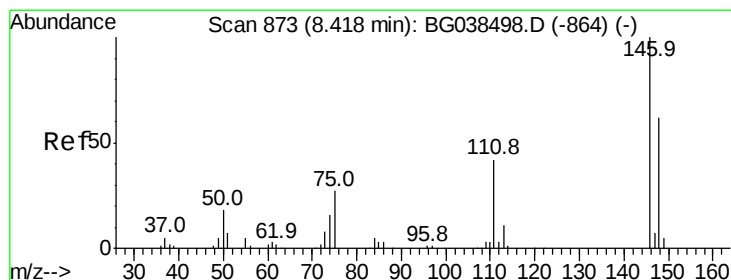
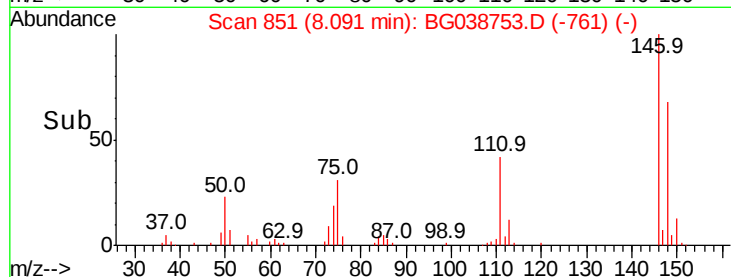
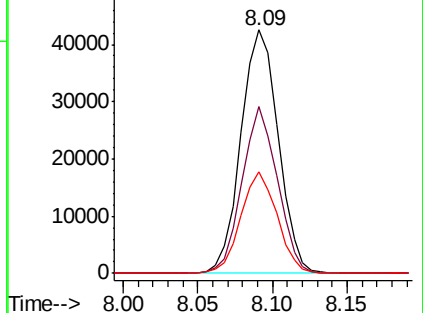
111 41.8 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.688 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

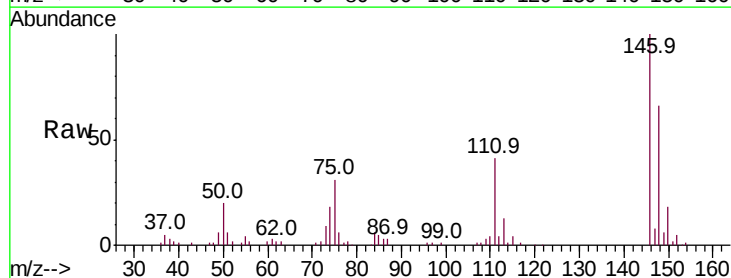
Tgt Ion:146 Resp: 71277

Ion Ratio Lower Upper

146 100

148 66.3 49.4 74.0

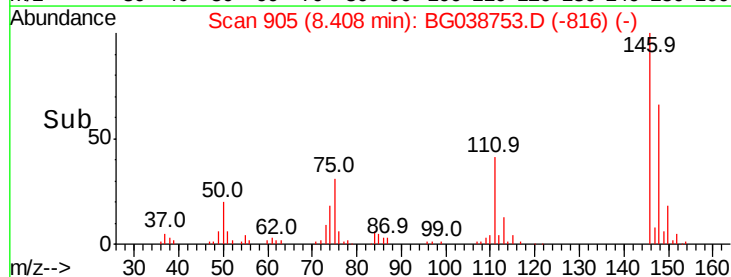
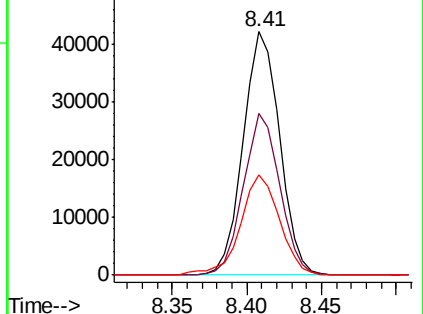
111 41.2 33.8 50.6



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: 45.667 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

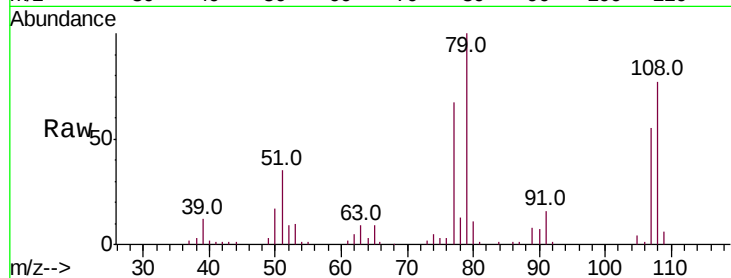
Tot Ion: 79 Resp: 66520

Ion Ratio Lower Upper

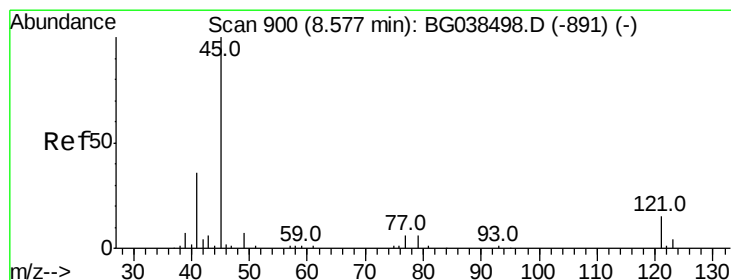
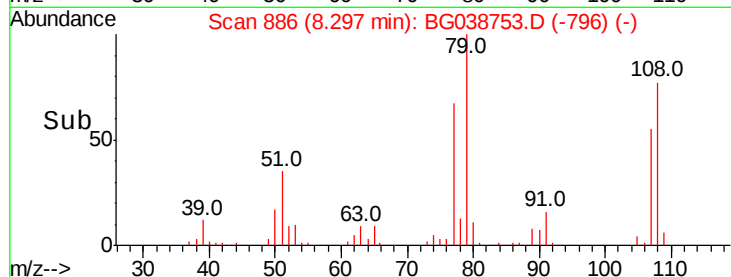
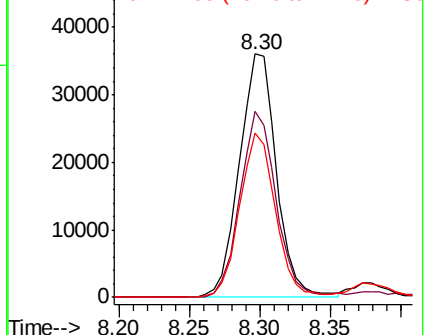
79 100

108 76.6 60.2 90.4

77 67.4 50.7 76.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.462 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

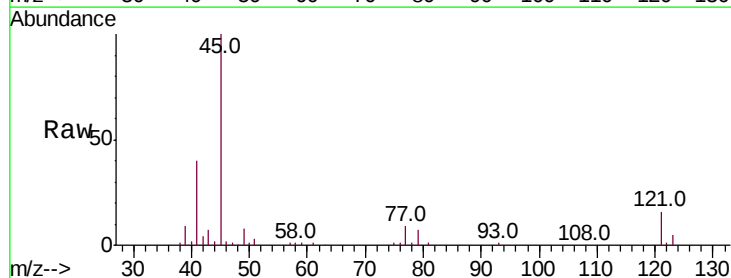
Tgt Ion: 45 Resp: 131846

Ion Ratio Lower Upper

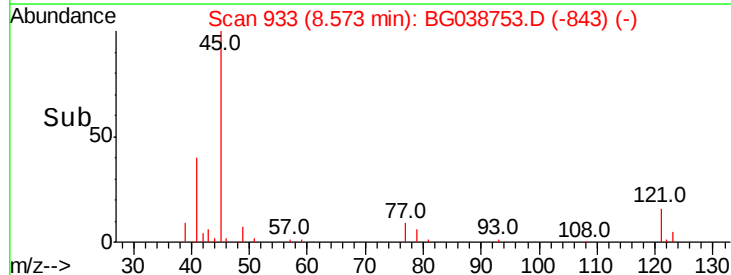
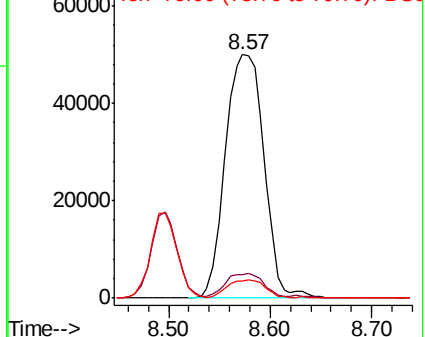
45 100

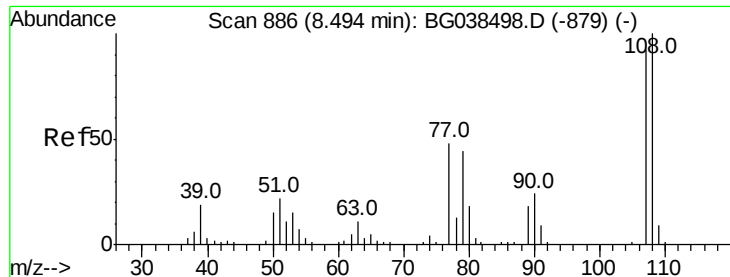
77 9.4 0.0 28.2

79 6.8 0.0 27.2



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

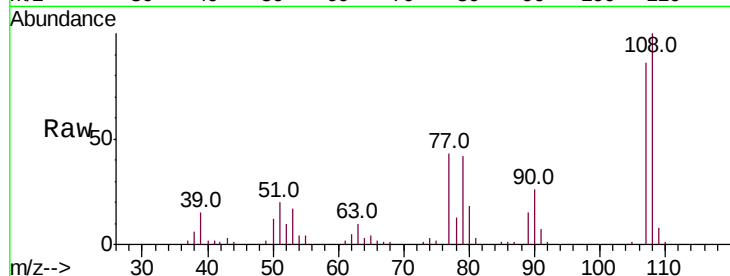




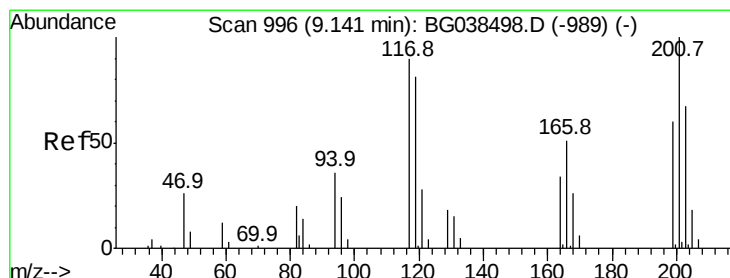
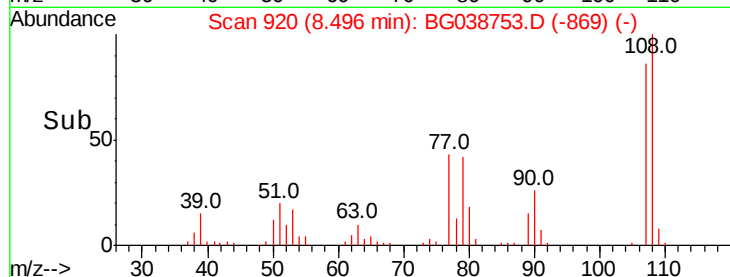
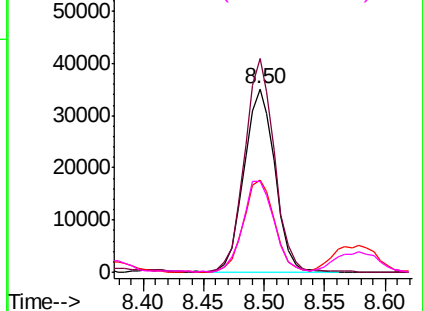
#17
2-Methylphenol
Concen: 46.959 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:107 Resp: 62378
Ion Ratio Lower Upper
107 100
108 116.3 87.1 130.7
77 50.5 42.0 63.0
79 49.2 38.2 57.2

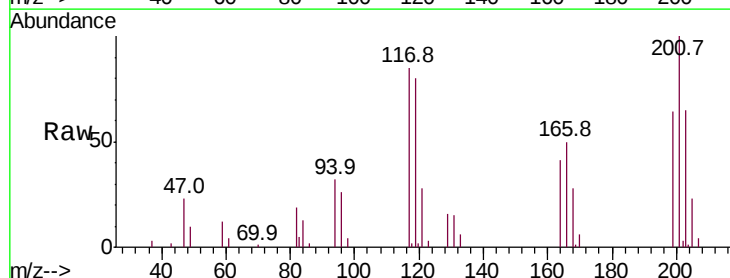


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

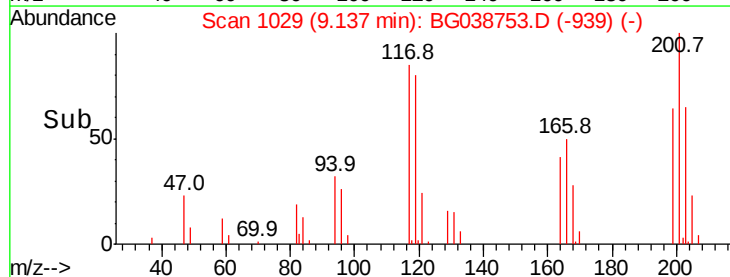
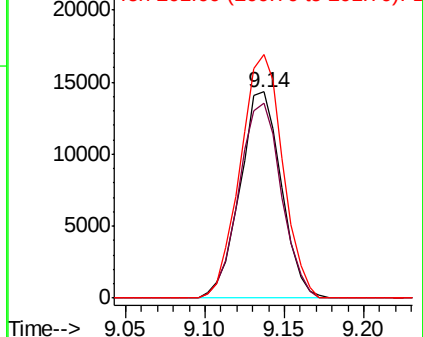


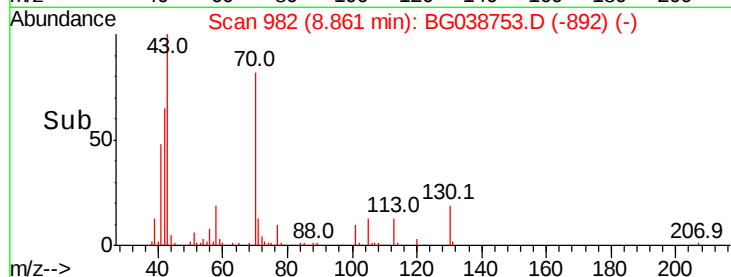
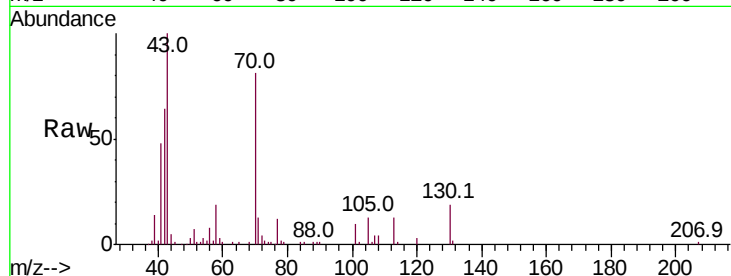
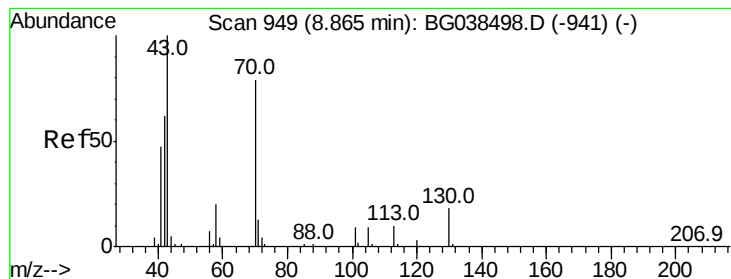
#18
Hexachloroethane
Concen: 37.116 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:117 Resp: 25837
Ion Ratio Lower Upper
117 100
119 92.8 73.8 110.8
201 116.0 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: 39.605 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

Tot Ion: 70 Resp: 51911

Ion Ratio Lower Upper

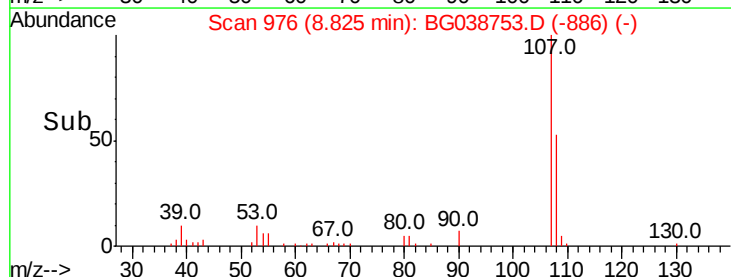
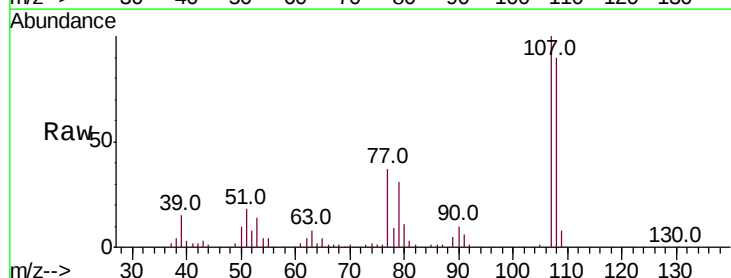
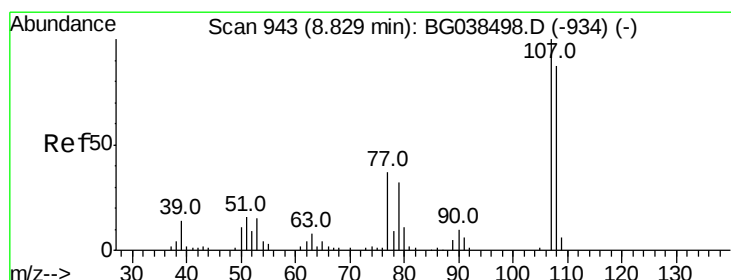
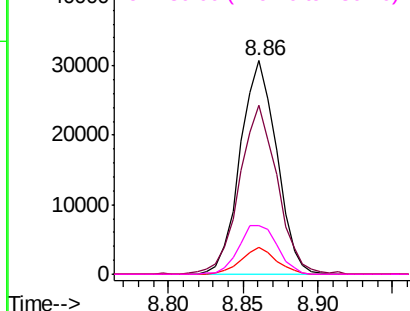
70 100

42 79.3 63.6 95.4

101 12.6 9.2 13.8

130 22.9 18.5 27.7

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 49.068 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Tgt Ion: 107 Resp: 90016

Ion Ratio Lower Upper

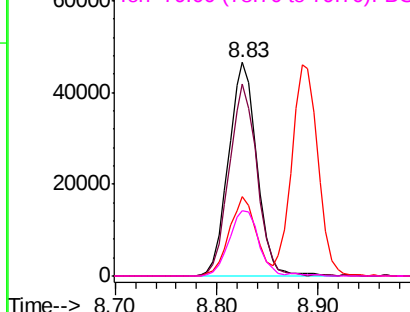
107 100

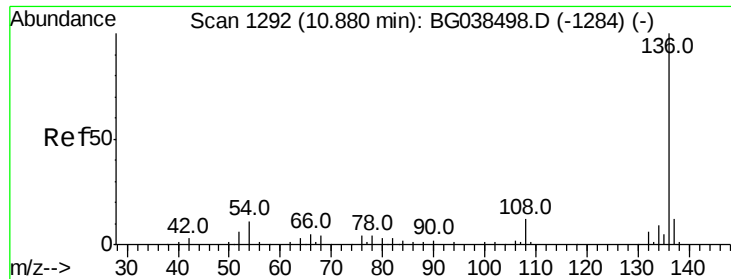
108 89.9 66.7 106.7

77 37.3 17.3 57.3

79 30.7 12.3 52.3

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

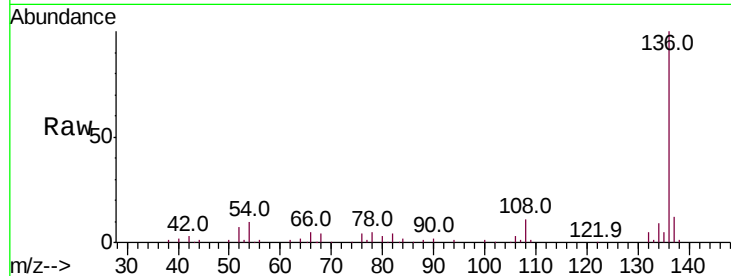




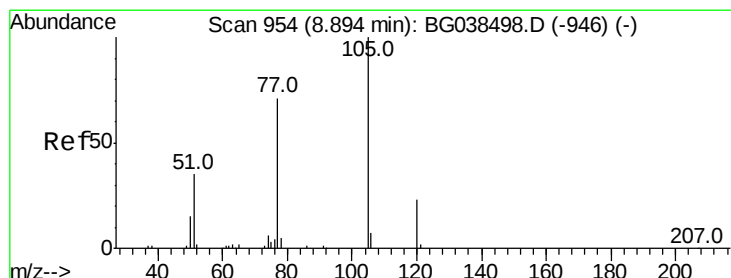
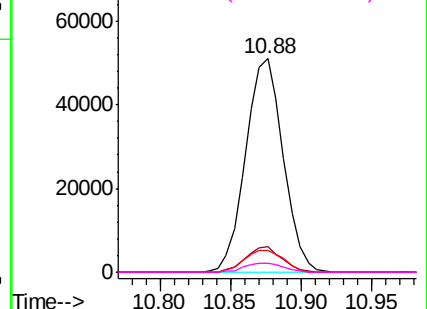
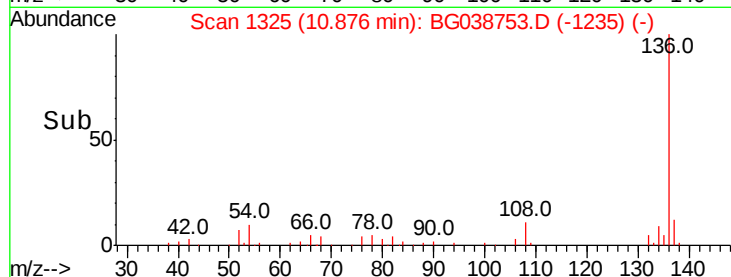
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:136	Resp:	94817
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.3 13.9
54	10.3	8.5 12.7
68	3.9	3.5 5.3

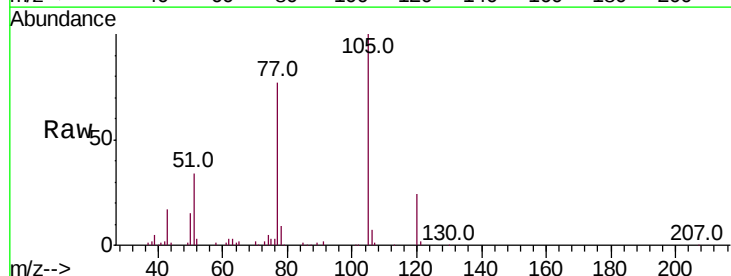


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

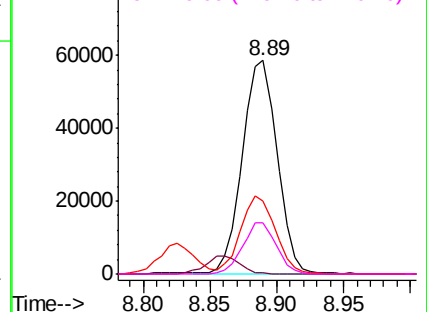
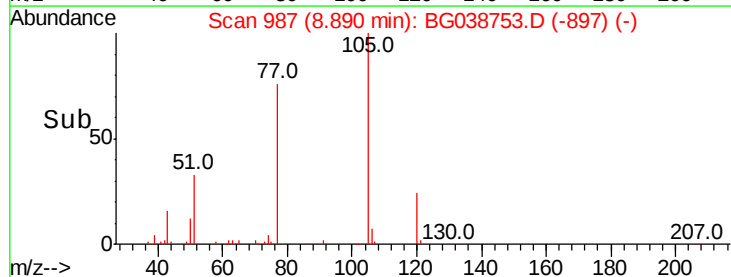


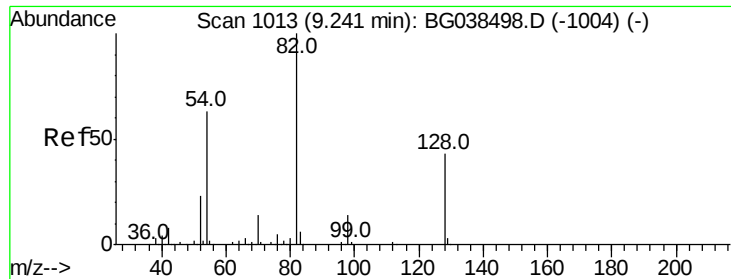
#22
Acetophenone
Concen: 44.790 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:105	Resp:	106077
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	34.5	30.6 46.0
120	23.8	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

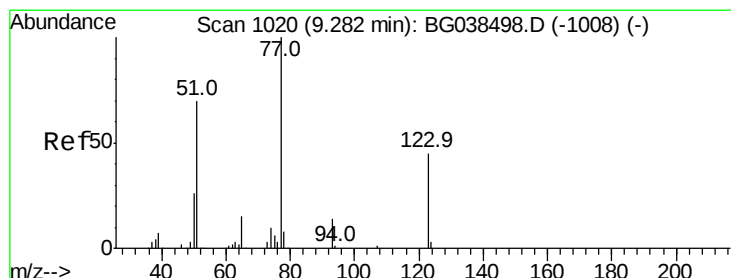
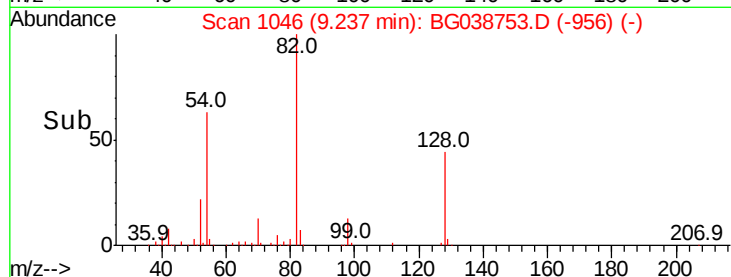
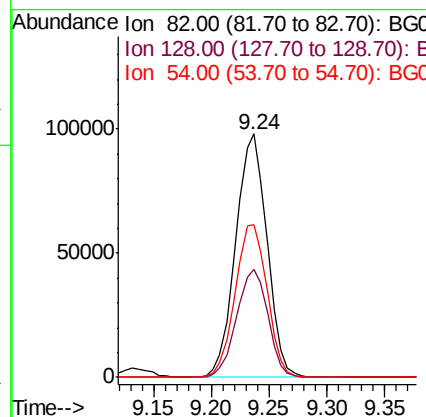
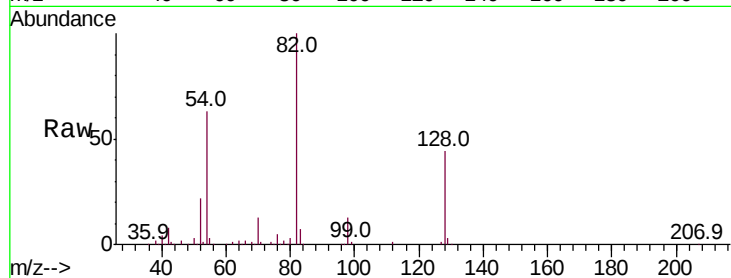




#23
Nitrobenzene-d5
Concen: 99.047 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

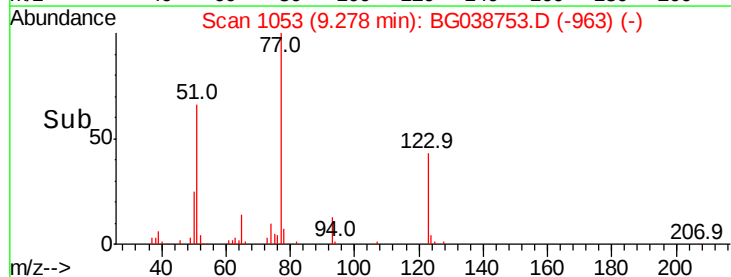
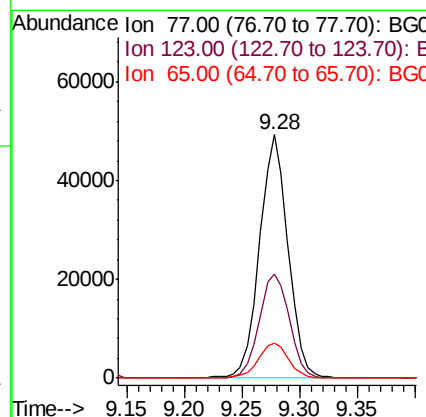
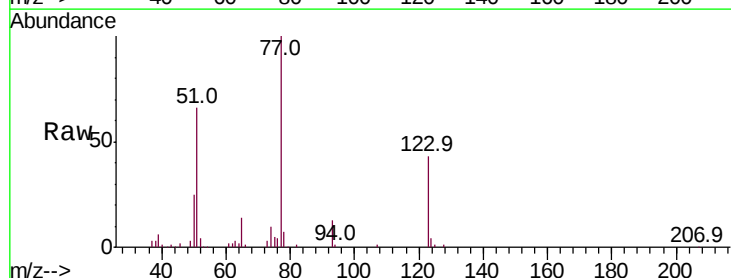
Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

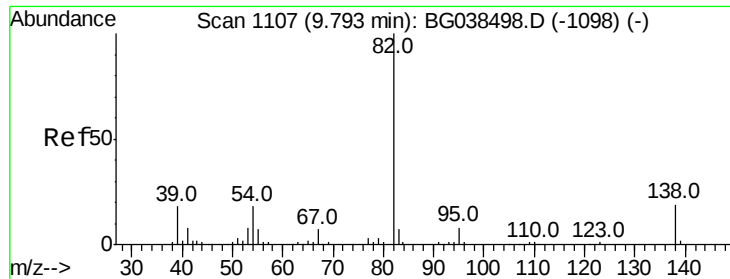
Tot Ion: 82 Resp: 183829
Ion Ratio Lower Upper
82 100
128 44.3 34.6 52.0
54 63.0 50.6 76.0



#24
Nitrobenzene
Concen: 45.202 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion: 77 Resp: 84870
Ion Ratio Lower Upper
77 100
123 42.7 35.9 53.9
65 14.4 12.0 18.0





#25

Isophorone

Concen: 45.377 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

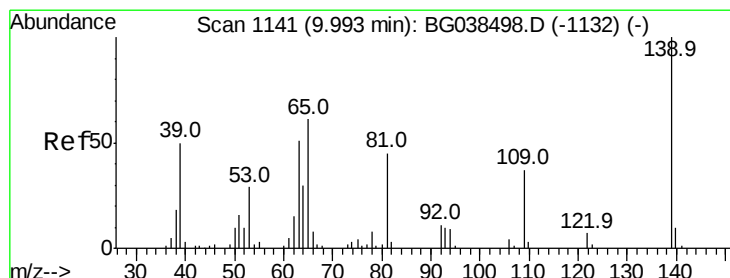
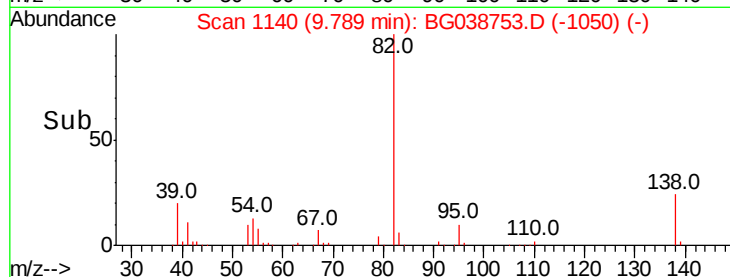
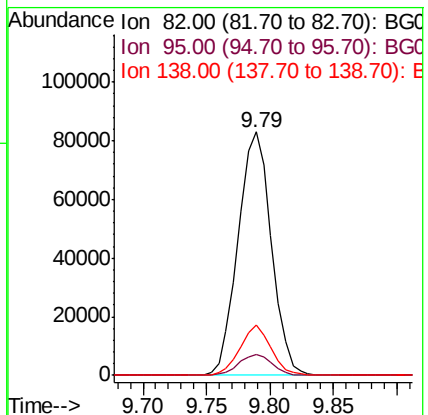
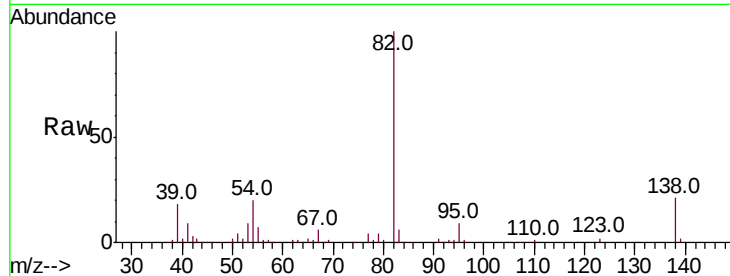
Tot Ion: 82 Resp: 151316

Ion Ratio Lower Upper

82 100

95 8.7 6.1 9.1

138 20.8 14.9 22.3



#26

2-Nitrophenol

Concen: 43.851 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

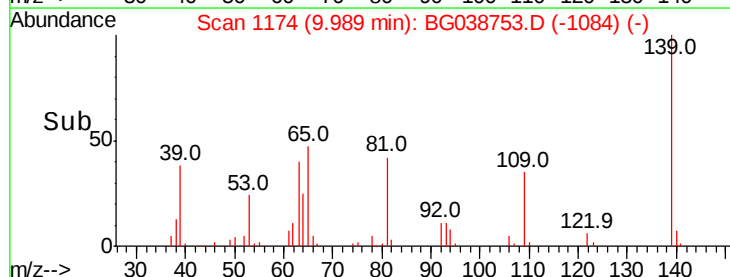
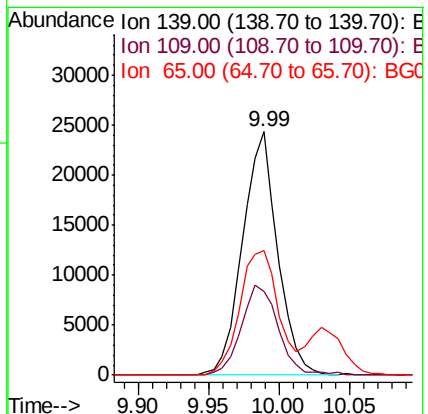
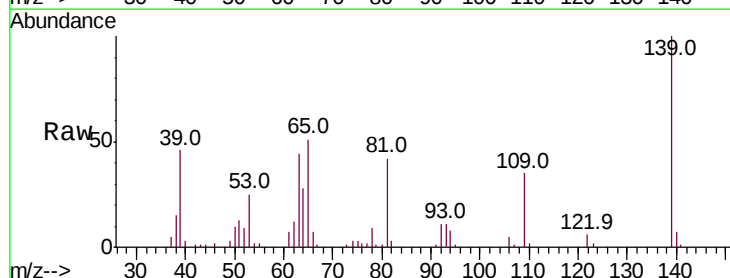
Tgt Ion: 139 Resp: 42140

Ion Ratio Lower Upper

139 100

109 34.5 29.5 44.3

65 51.4 48.5 72.7

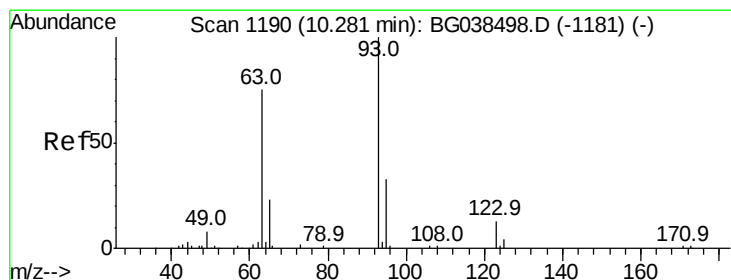
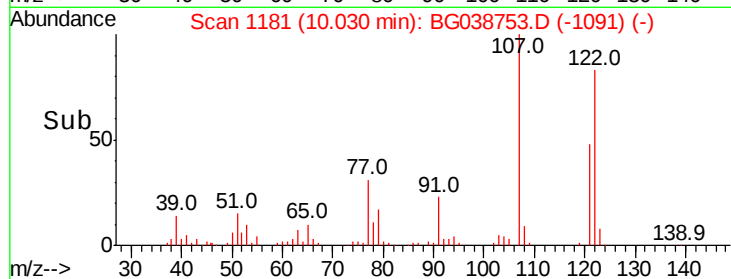
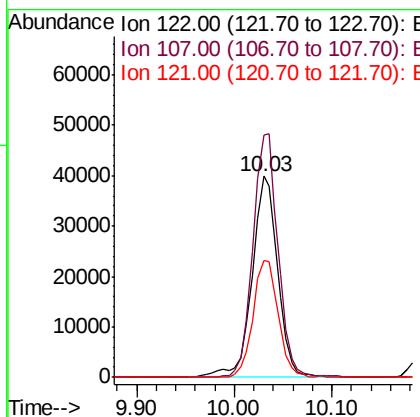
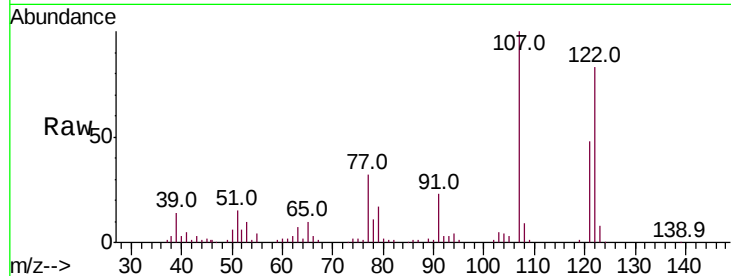




#27
2,4-Dimethylphenol
Concen: 53.543 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

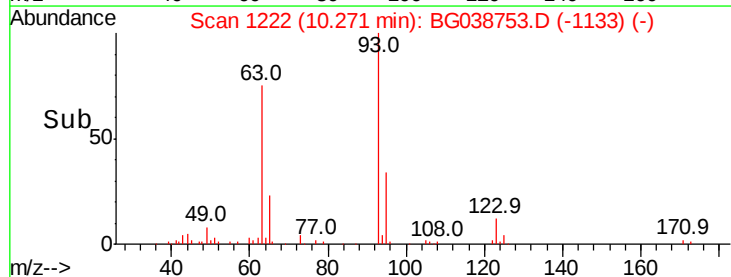
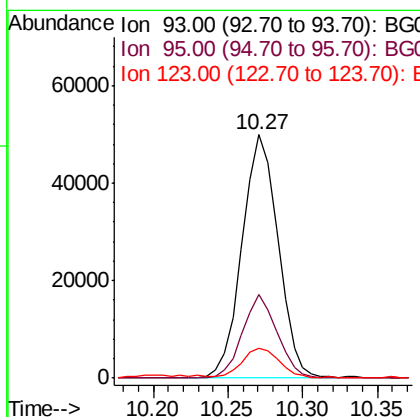
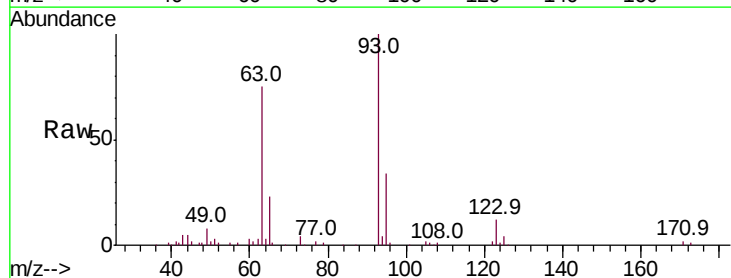
Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

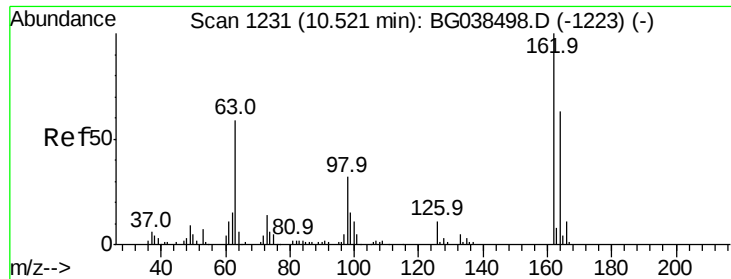
Tot Ion:122 Resp: 73741
Ion Ratio Lower Upper
122 100
107 120.4 98.4 147.6
121 57.9 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.496 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion: 93 Resp: 83735
Ion Ratio Lower Upper
93 100
95 34.2 26.6 40.0
123 12.2 10.6 16.0

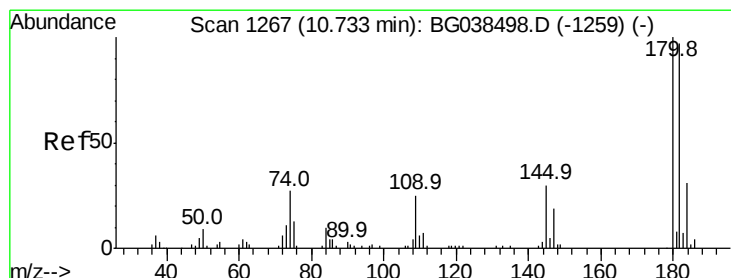
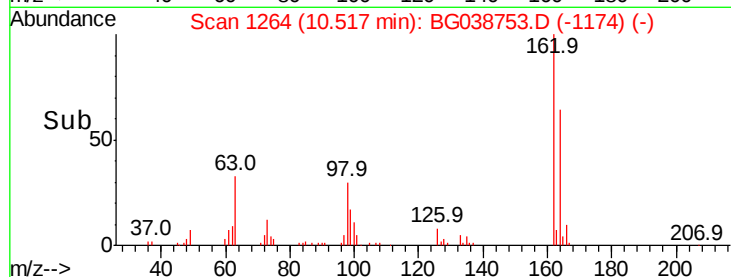
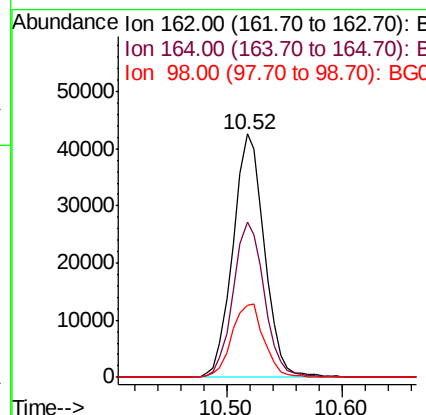
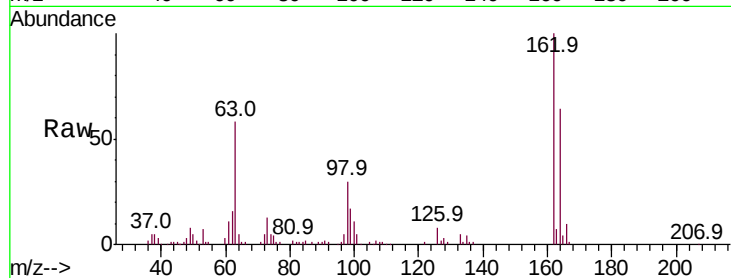




#29
 2,4-Dichlorophenol
 Concen: 52.507 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

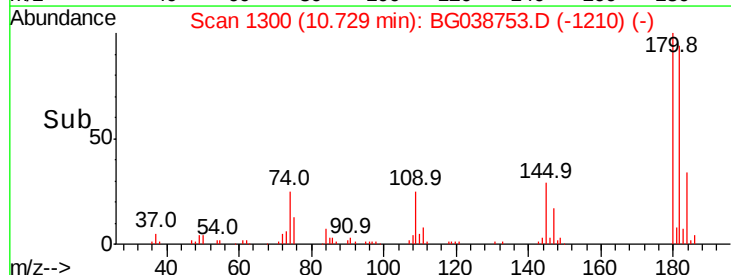
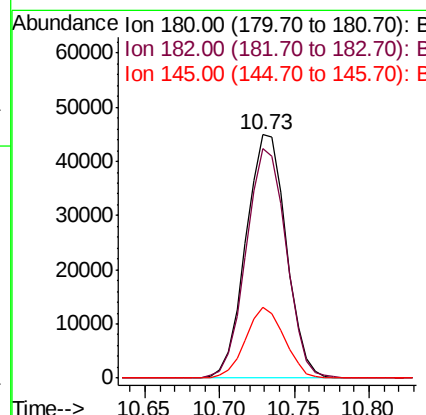
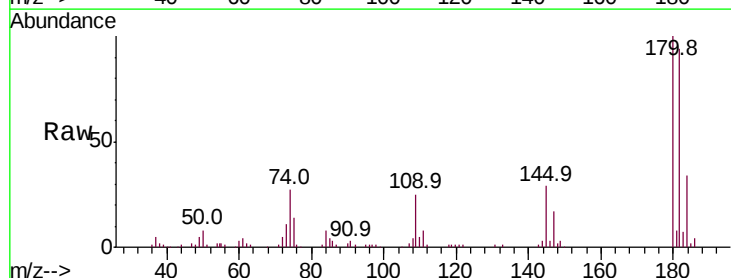
Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

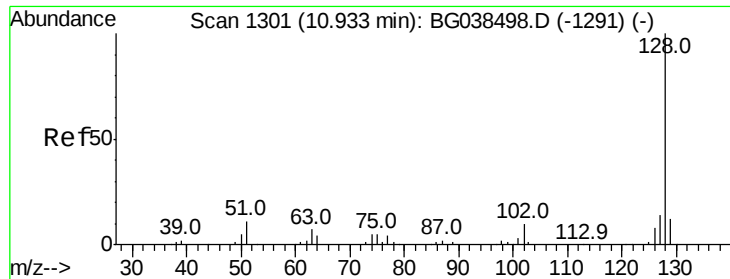
Tot Ion:162 Resp: 80449
 Ion Ratio Lower Upper
 162 100
 164 63.6 42.9 82.9
 98 29.7 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.346 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:180 Resp: 83922
 Ion Ratio Lower Upper
 180 100
 182 94.4 77.4 116.0
 145 29.0 24.1 36.1





#31

Naphthalene

Concen: 48.699 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

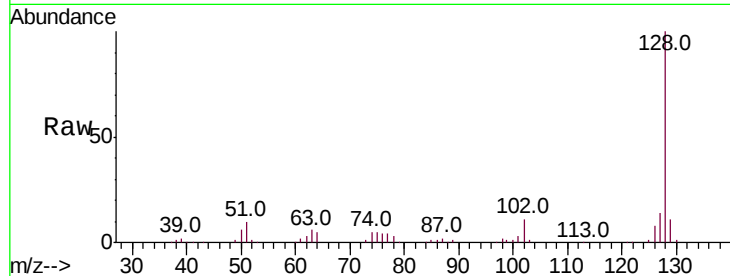
Tot Ion:128 Resp: 227510

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

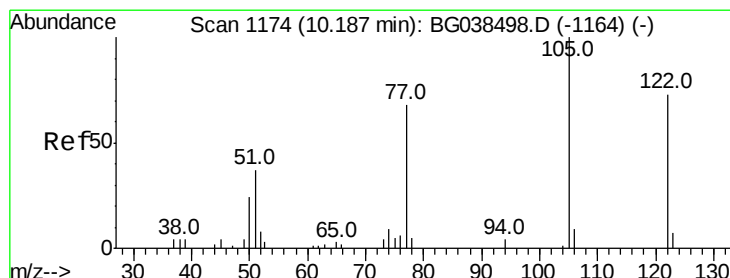
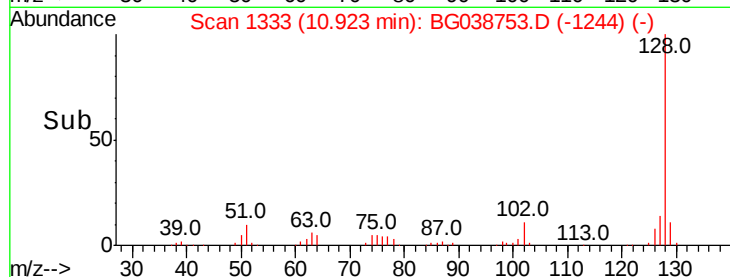
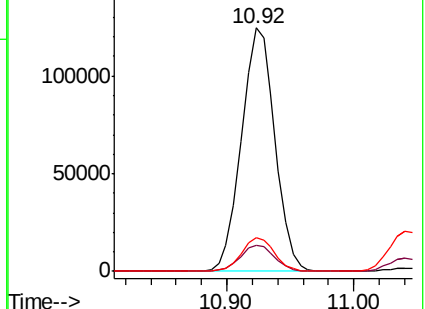
127 13.8 10.9 16.3



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: 31.414 ng

RT: 10.21 min Scan# 1212

Delta R.T. 0.03 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

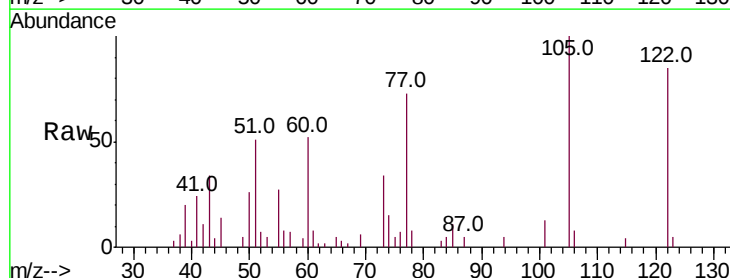
Tgt Ion:122 Resp: 23583

Ion Ratio Lower Upper

122 100

105 117.7 116.7 156.7

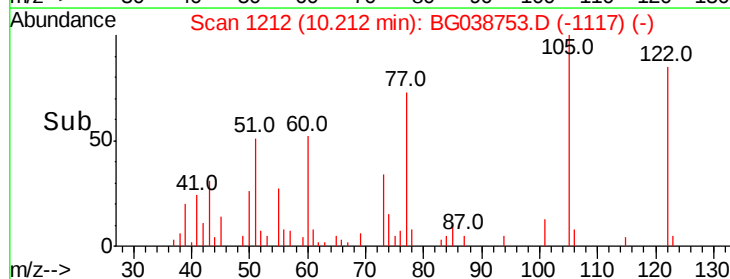
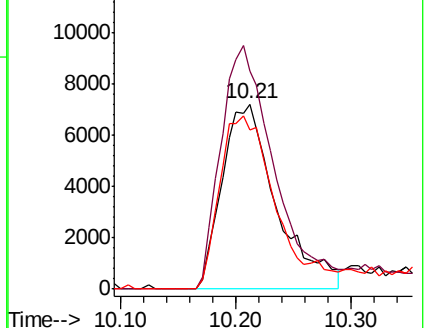
77 86.0 72.5 112.5



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

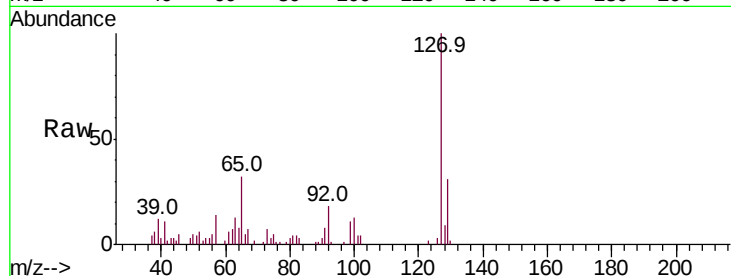




#33
4-Chloroaniline
Concen: 20.604 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:	127	Resp:	41789
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.8
65	32.3	27.8	41.6
92	18.2	17.0	25.6



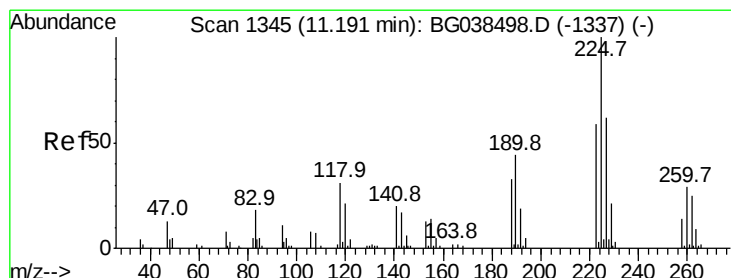
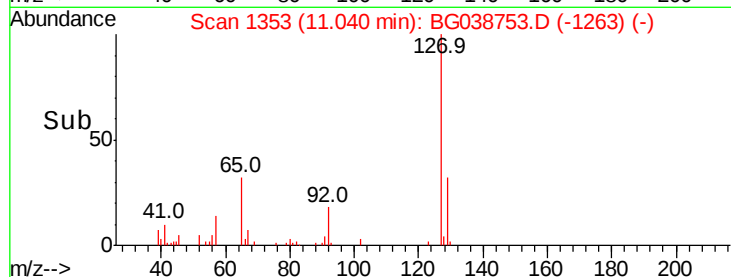
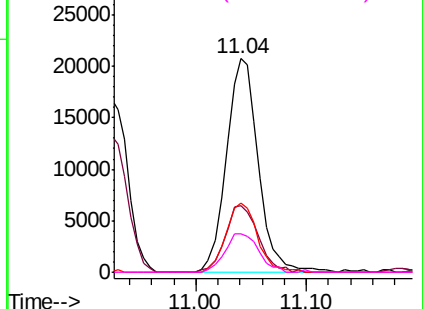
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

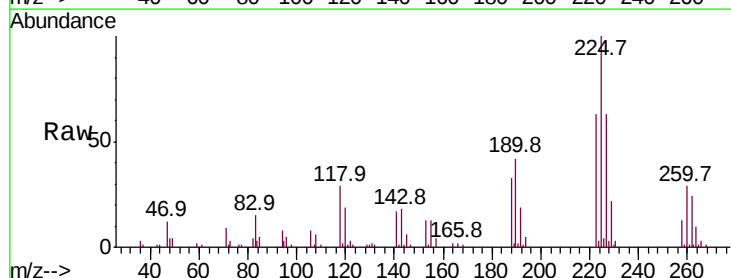
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.266 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:	225	Resp:	55433
Ion	Ratio	Lower	Upper
225	100		
223	62.9	45.0	67.6
227	65.9	50.6	75.8

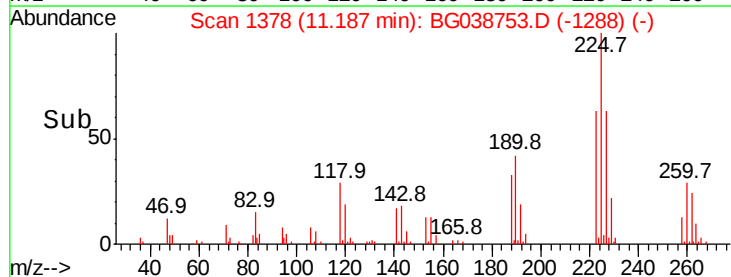
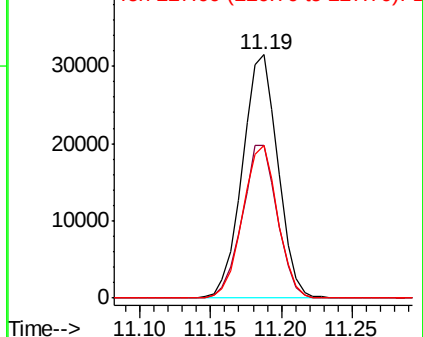


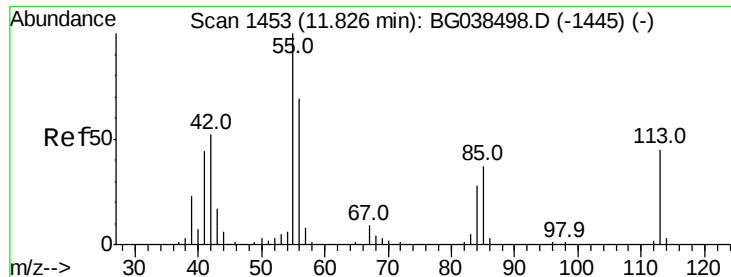
Abundance

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: 31.455 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

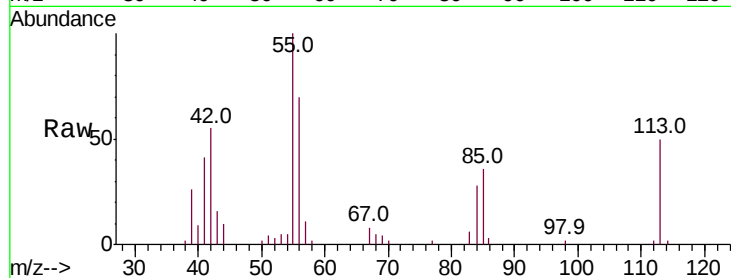
Tot Ion:113 Resp: 19945

Ion Ratio Lower Upper

113 100

55 198.6 204.3 244.3#

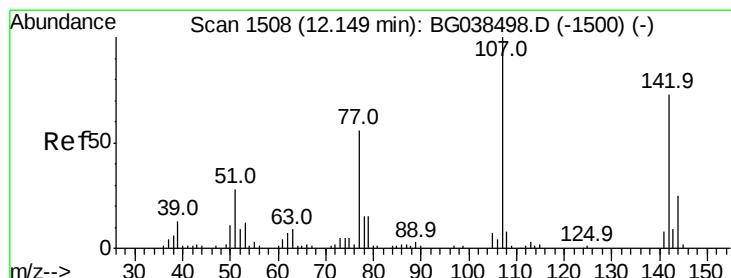
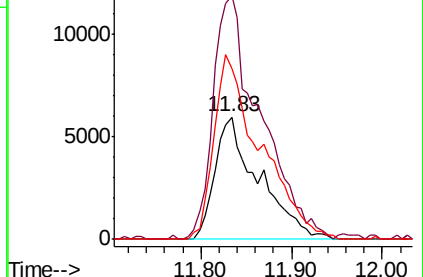
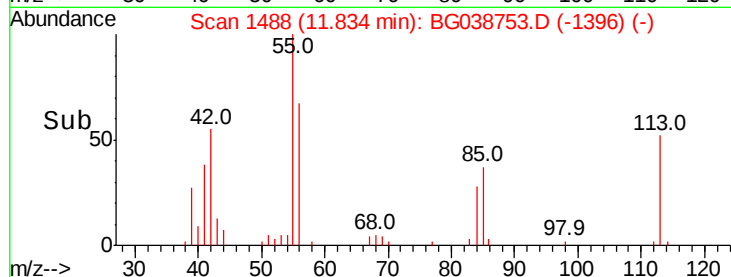
56 138.9 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.192 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

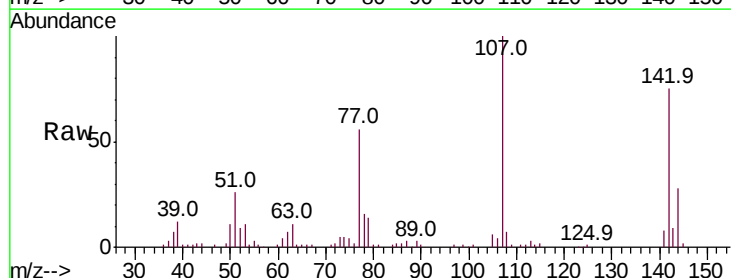
Tgt Ion:107 Resp: 82513

Ion Ratio Lower Upper

107 100

144 27.8 20.1 30.1

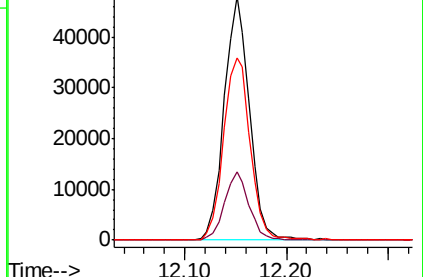
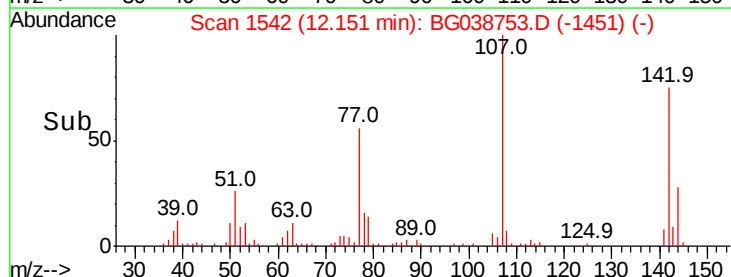
142 75.1 58.7 88.1

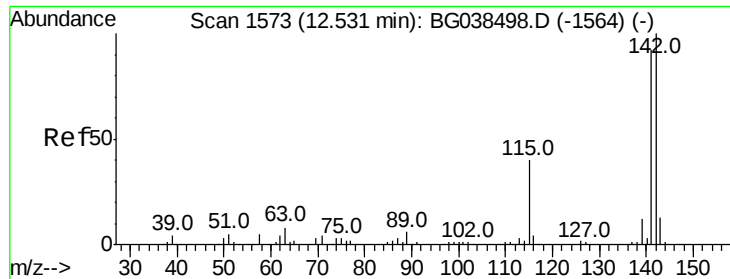


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

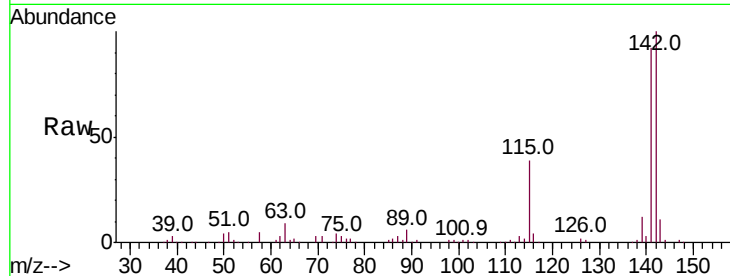




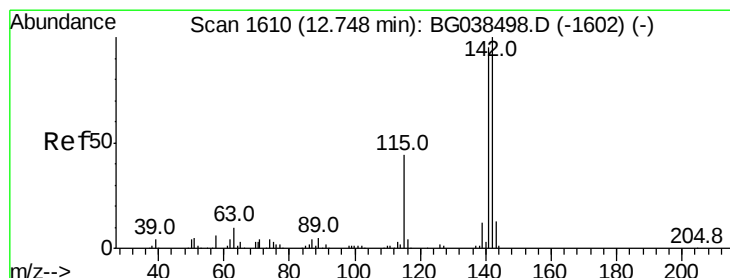
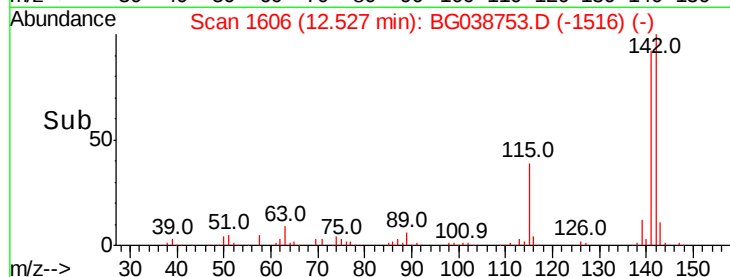
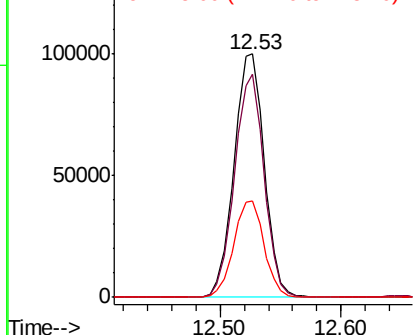
#37
2-Methylnaphthalene
Concen: 52.337 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:142 Resp: 174431
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3
115 39.4 31.7 47.5

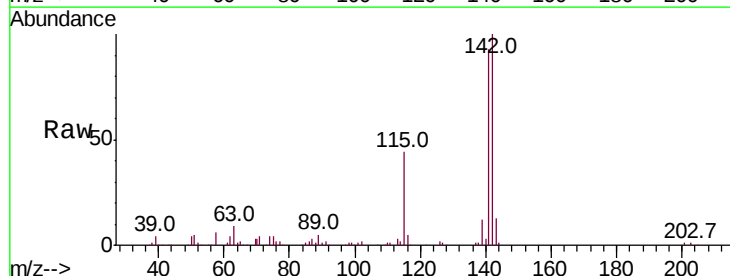


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

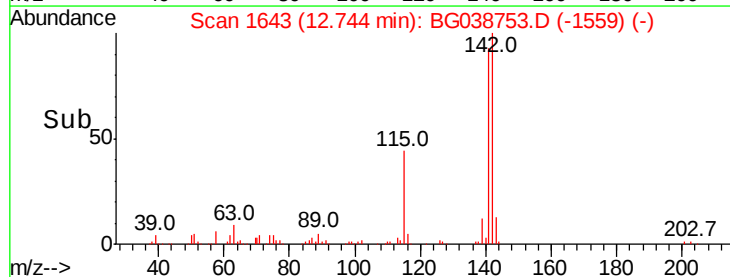
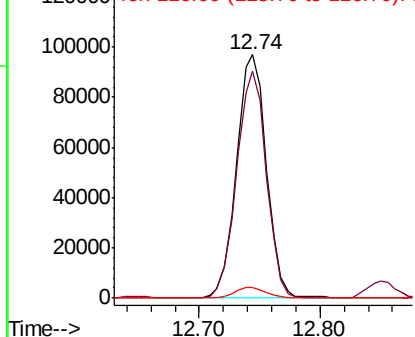


#38
1-Methylnaphthalene
Concen: 51.680 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:142 Resp: 167140
Ion Ratio Lower Upper
142 100
141 93.5 75.8 113.8
116 4.5 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# 1975

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

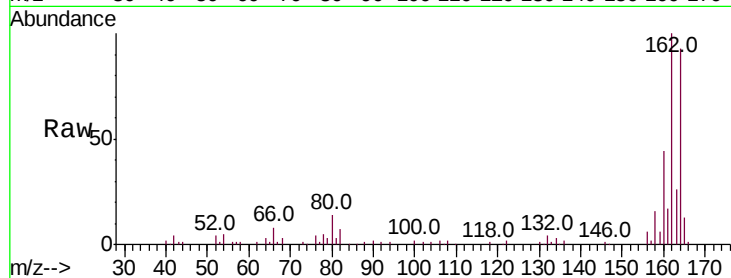
Tot Ion:164 Resp: 64255

Ion Ratio Lower Upper

164 100

162 107.5 86.6 130.0

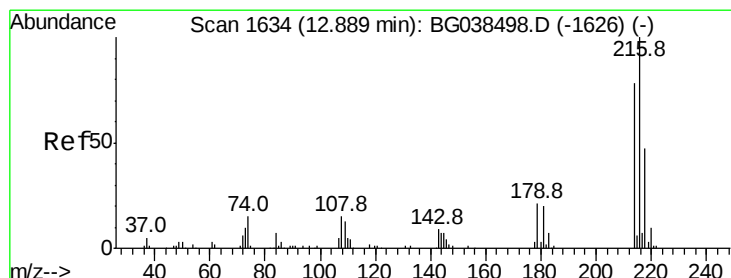
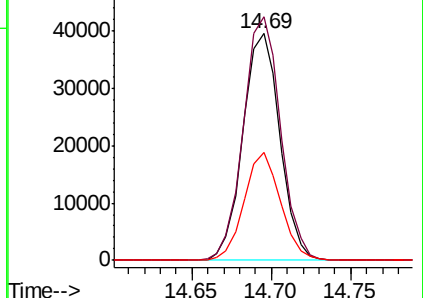
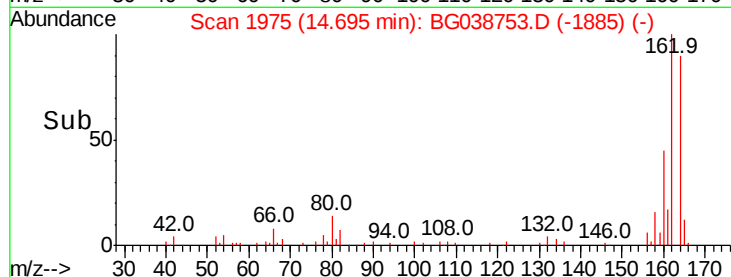
160 47.8 34.2 51.2



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: 44.553 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Tgt Ion:216 Resp: 107008

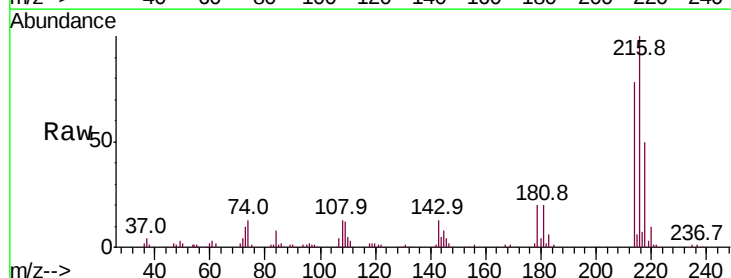
Ion Ratio Lower Upper

216 100

214 79.8 64.1 96.1

179 20.1 16.4 24.6

108 16.5 13.9 20.9

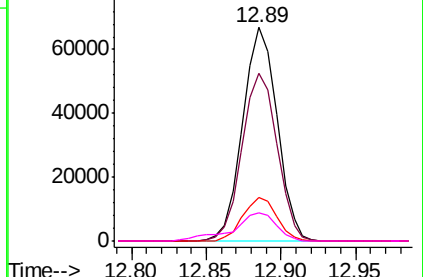
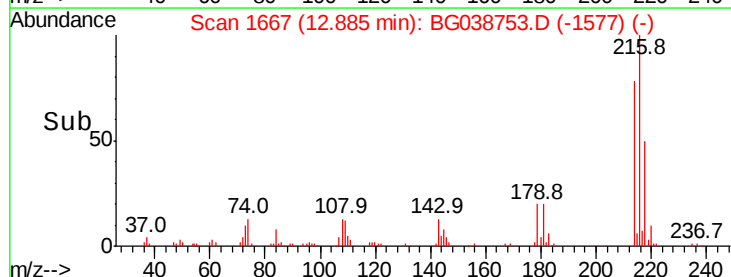


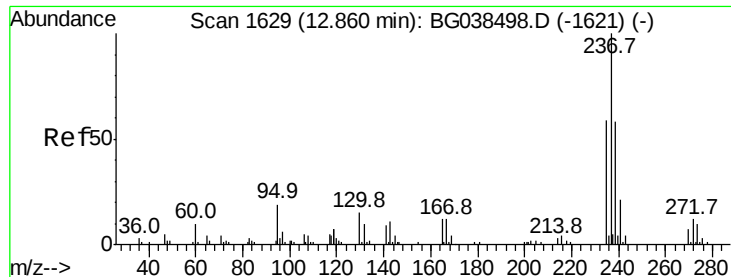
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.888 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

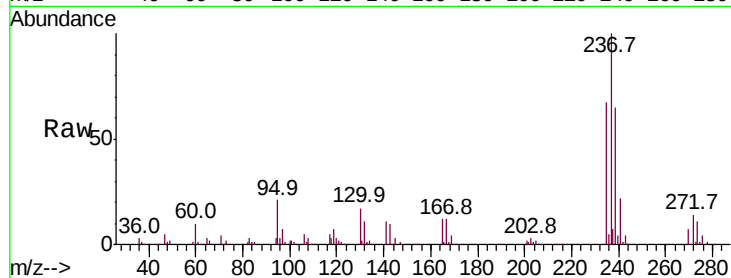
Tot Ion:237 Resp: 109375

Ion Ratio Lower Upper

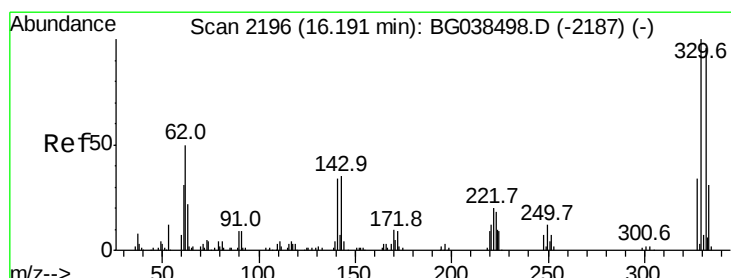
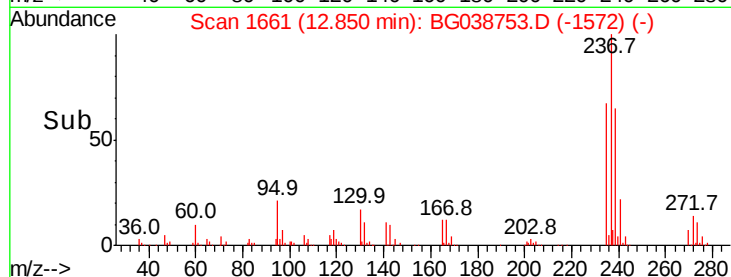
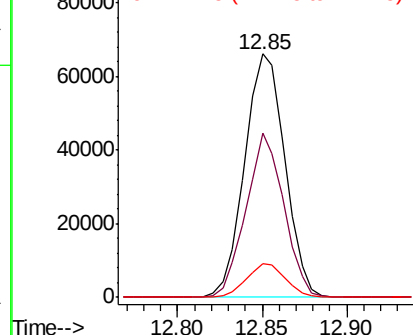
237 100

235 67.5 38.8 78.8

272 13.7 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: 181.606 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

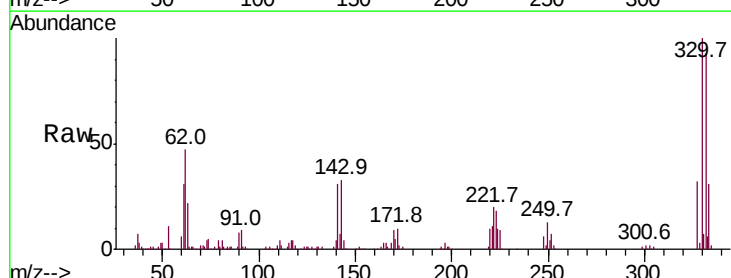
Tgt Ion:330 Resp: 160821

Ion Ratio Lower Upper

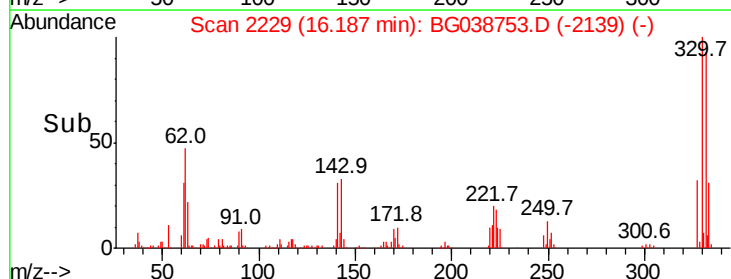
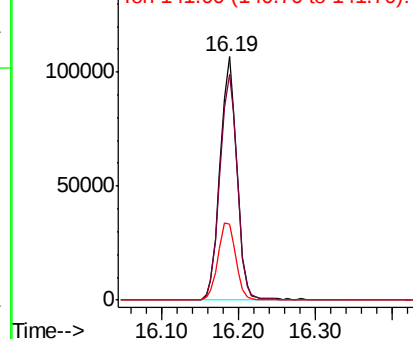
330 100

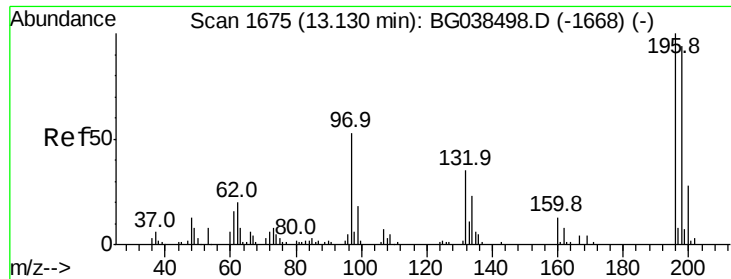
332 95.6 76.9 115.3

141 33.4 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

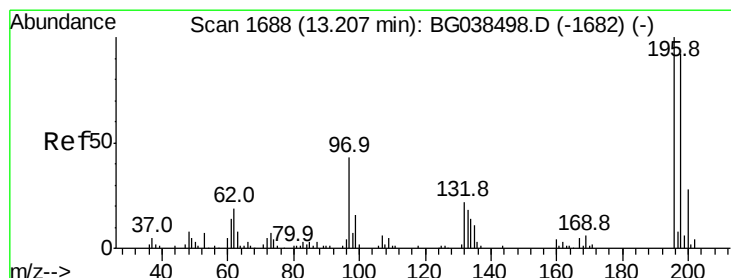
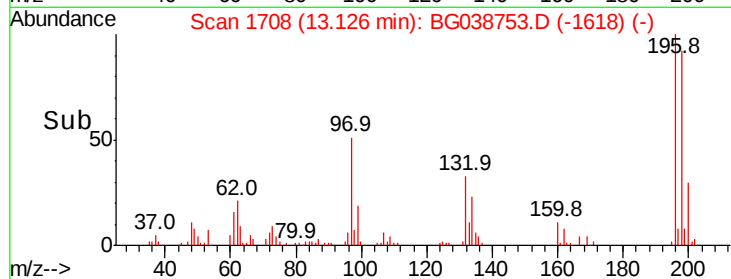
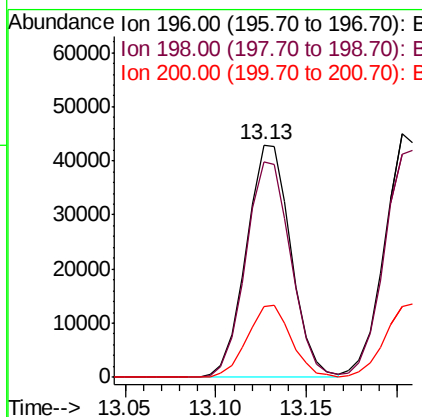
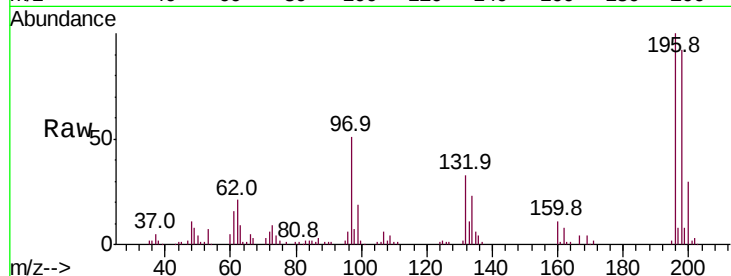




#43
 2,4,6-Trichlorophenol
 Concen: 49.699 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

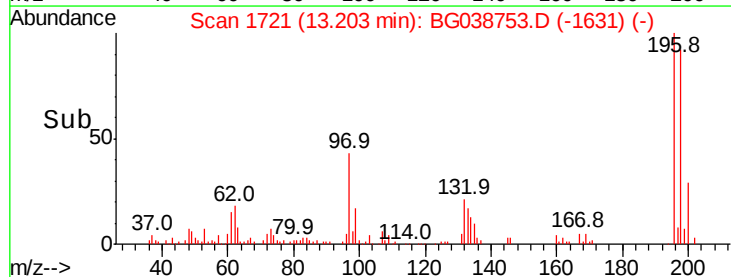
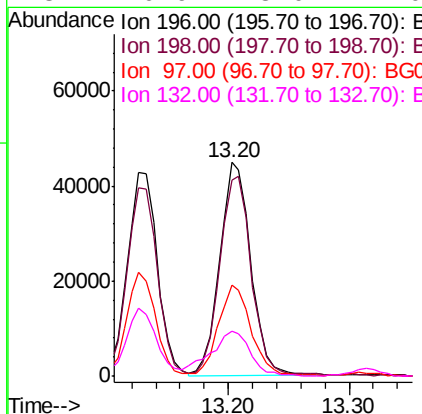
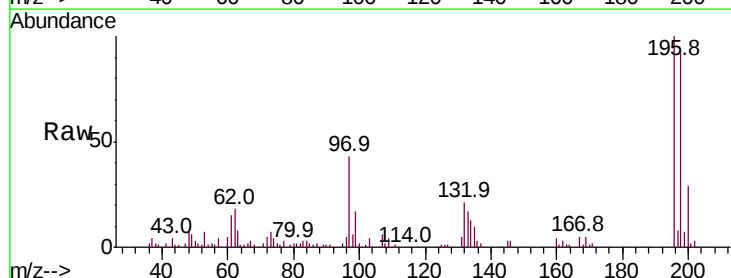
Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

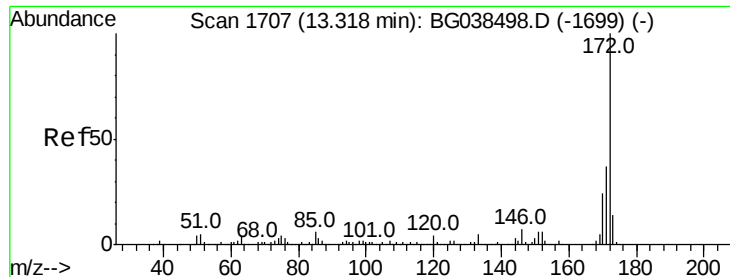
Tot Ion:196 Resp: 73396
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.0 112.4
 200 30.4 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.036 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:196 Resp: 79799
 Ion Ratio Lower Upper
 196 100
 198 91.7 74.0 111.0
 97 42.8 35.1 52.7
 132 20.9 18.0 27.0

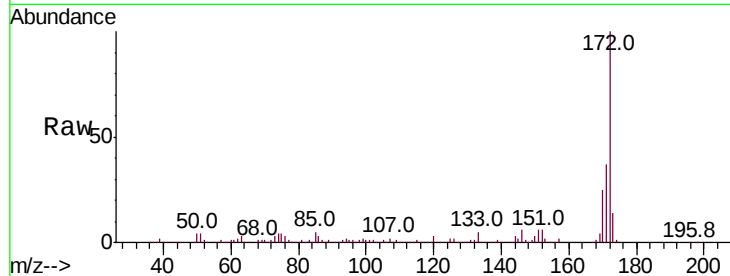




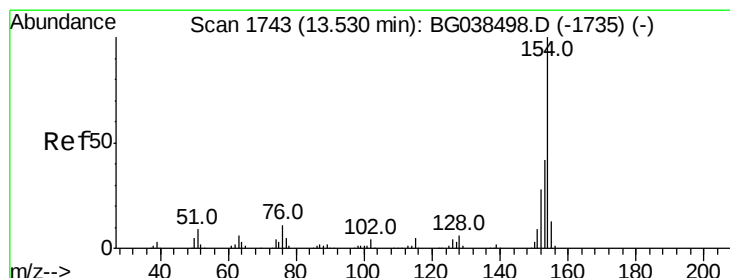
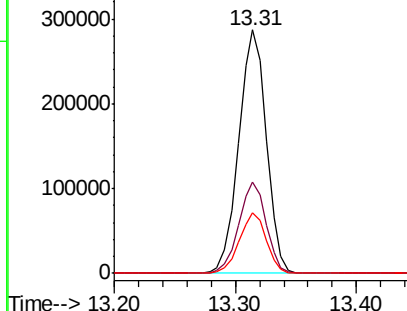
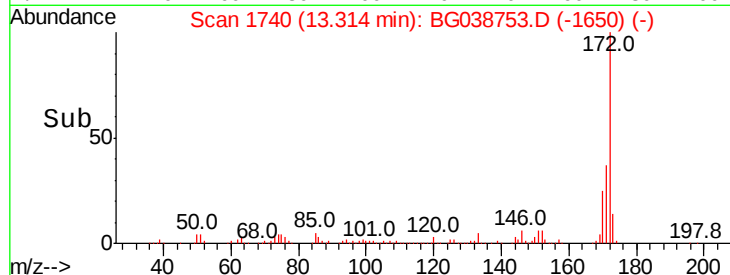
#45
2-Fluorobiphenyl
Concen: 97.570 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:172 Resp: 457001
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.9 19.5 29.3

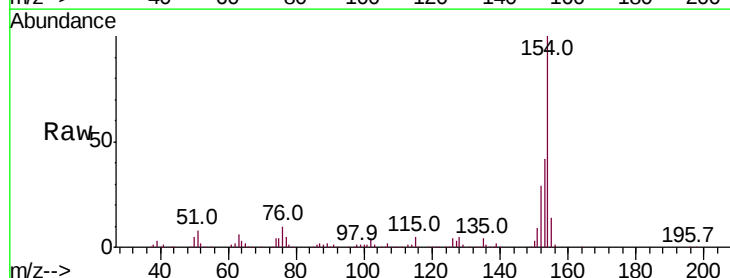


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

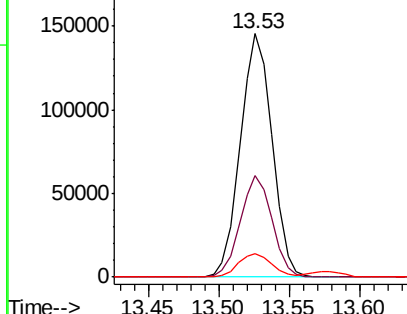
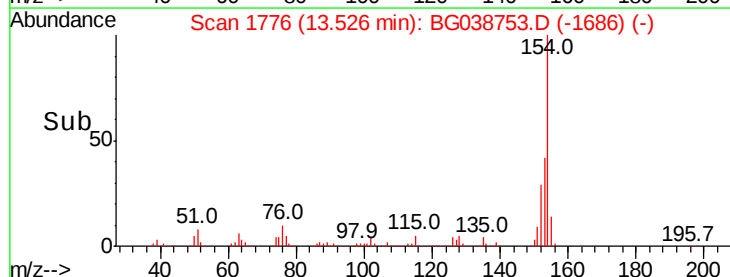


#46
1,1'-Biphenyl
Concen: 42.374 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:154 Resp: 228256
Ion Ratio Lower Upper
154 100
153 41.6 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

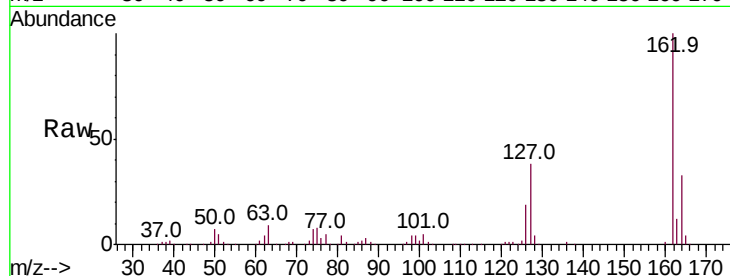




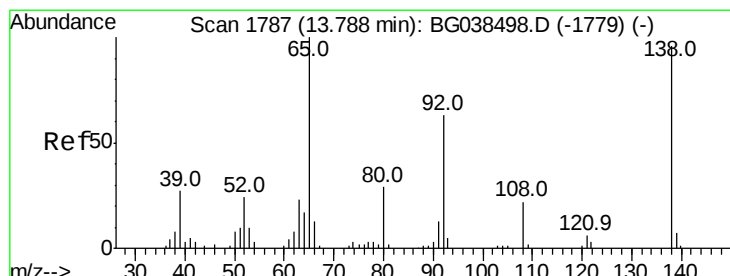
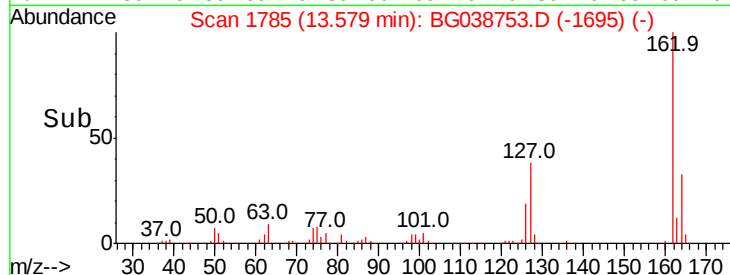
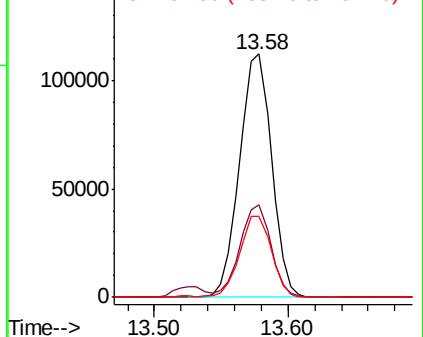
#47
 2-Chloronaphthalene
 Concen: 44.824 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	27.8	41.8
164	33.4	26.9	40.3

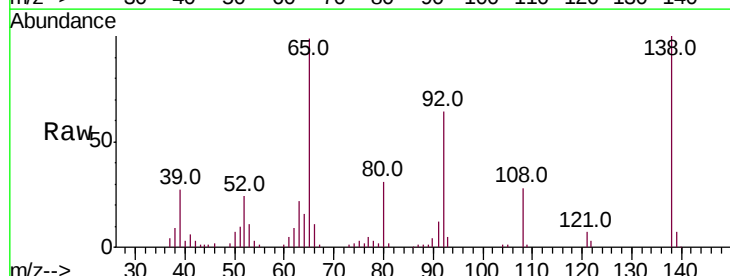


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

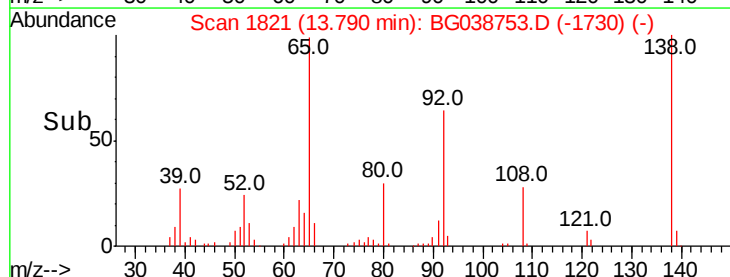
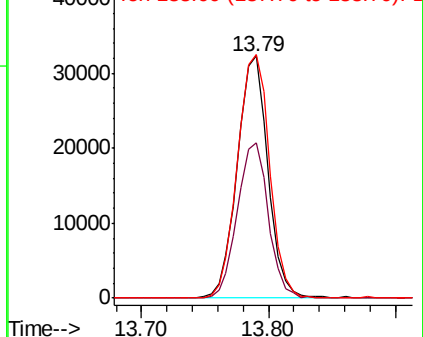


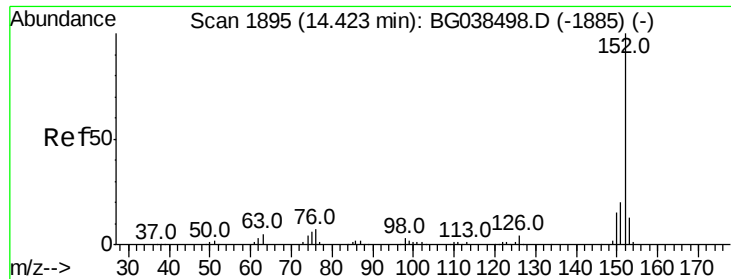
#48
 2-Nitroaniline
 Concen: 40.913 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	50.0	75.0
138	100.5	76.9	115.3



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





#49

Acenaphthylene

Concen: 49.462 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

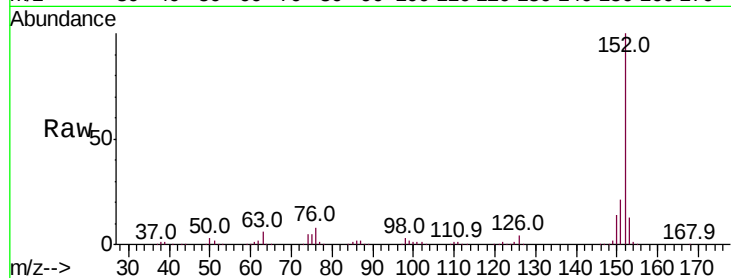
Tot Ion:152 Resp: 307673

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

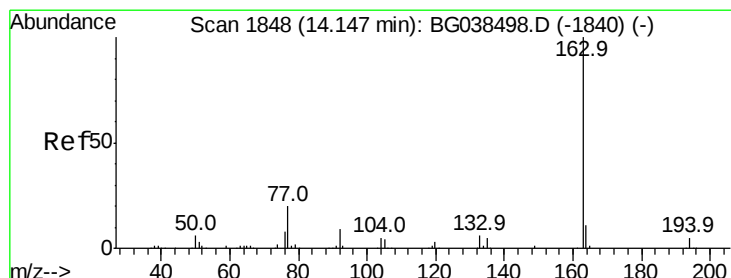
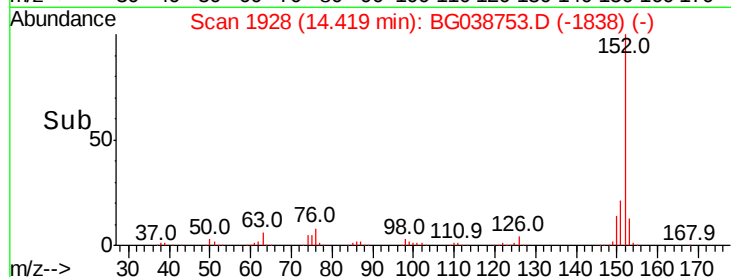
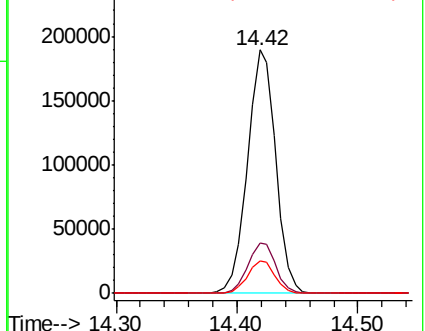
153 13.4 10.4 15.6



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: 47.053 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

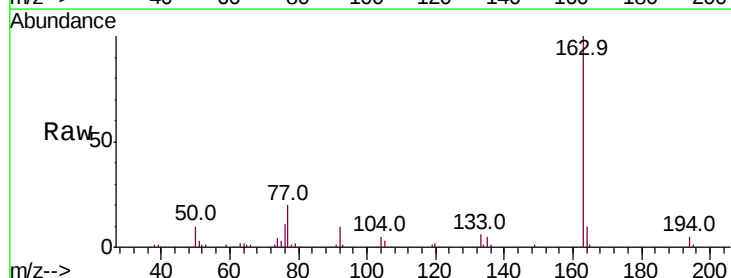
Tgt Ion:163 Resp: 246899

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

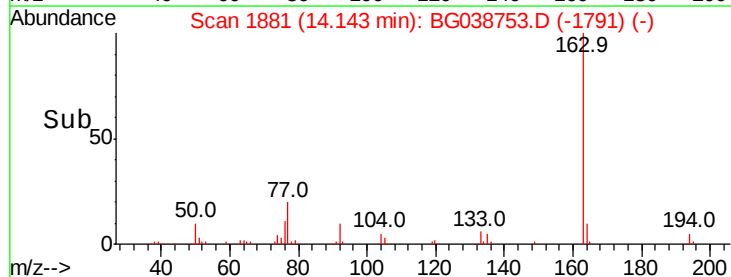
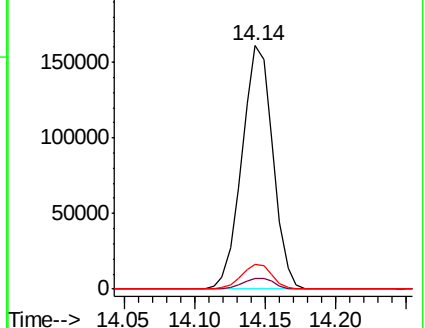
164 9.9 8.6 12.8

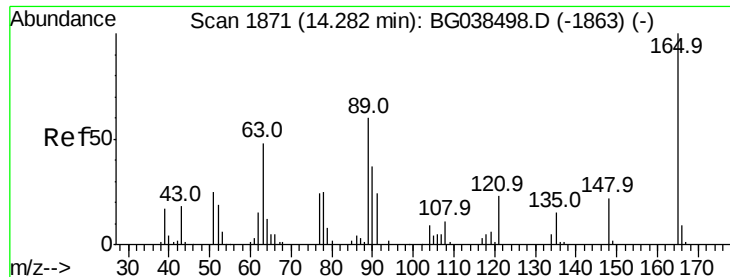


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

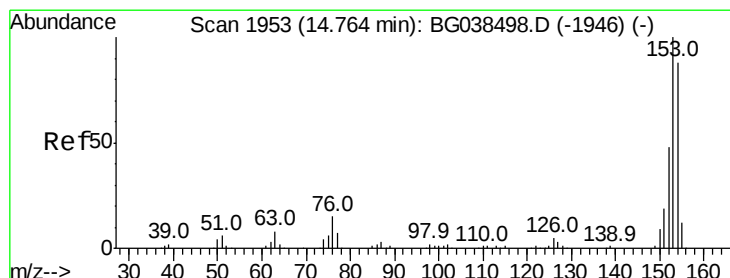
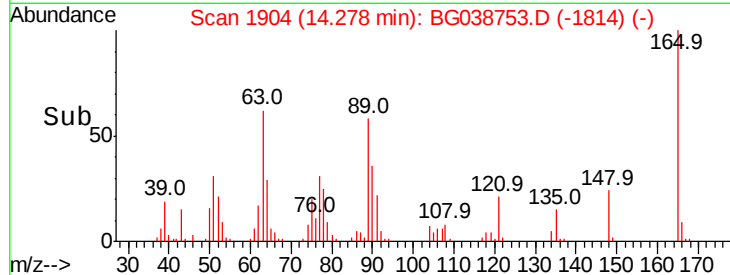
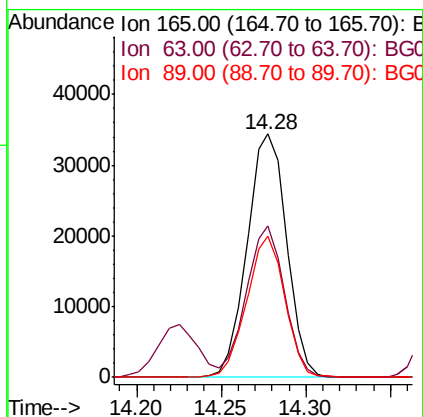
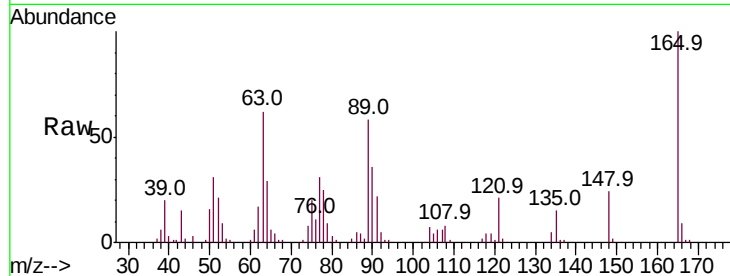




#51
 2,6-Dinitrotoluene
 Concen: 46.903 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

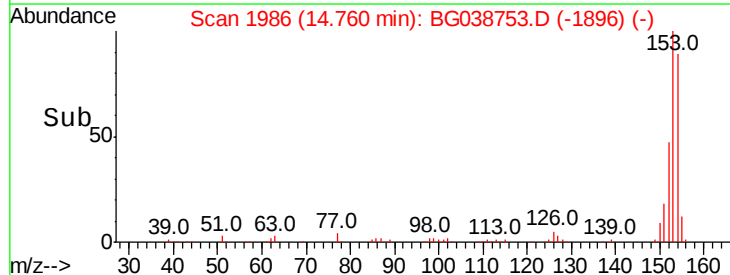
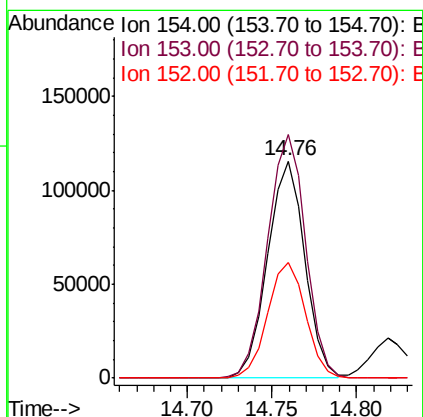
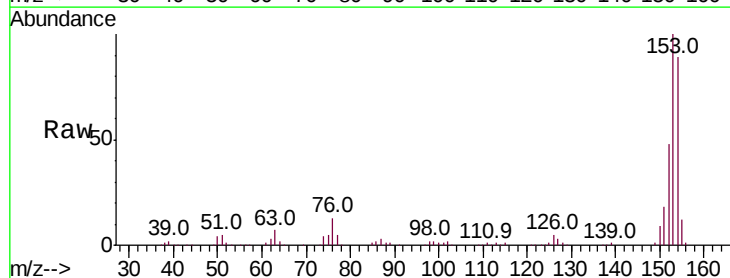
Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

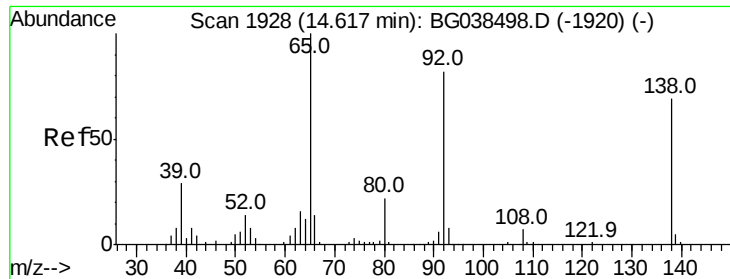
Tot Ion:165 Resp: 55773
 Ion Ratio Lower Upper
 165 100
 63 62.4 51.8 77.6
 89 57.8 47.9 71.9



#52
 Acenaphthene
 Concen: 47.667 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:154 Resp: 177302
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.6 136.0
 152 53.4 43.5 65.3

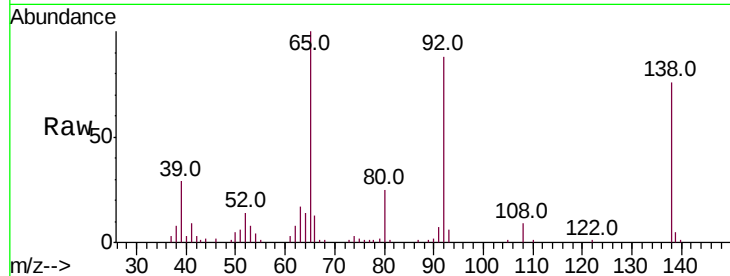




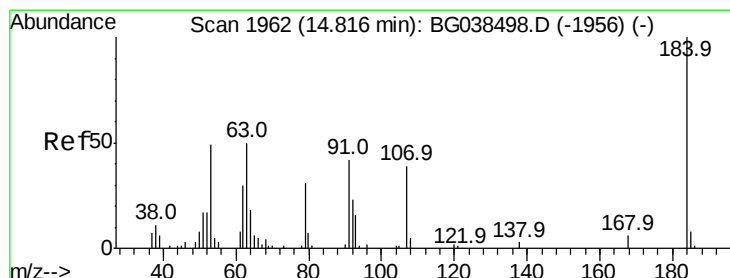
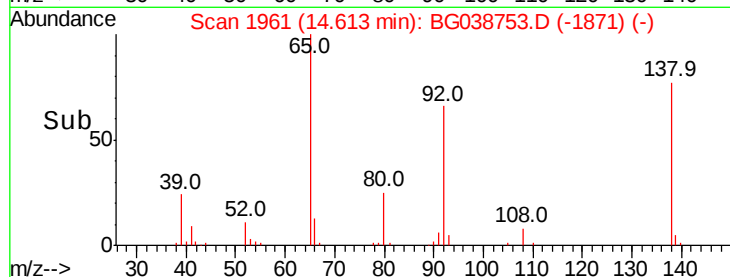
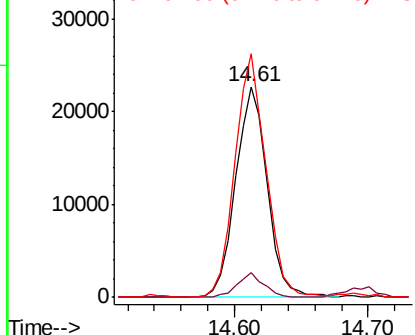
#53
3-Nitroaniline
Concen: 30.557 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:138 Resp: 37040
Ion Ratio Lower Upper
138 100
108 11.5 7.9 11.9
92 115.5 95.3 142.9

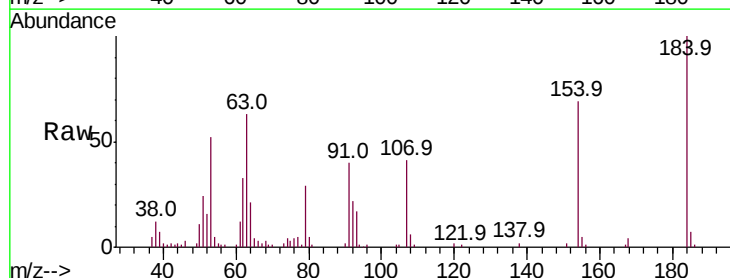


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

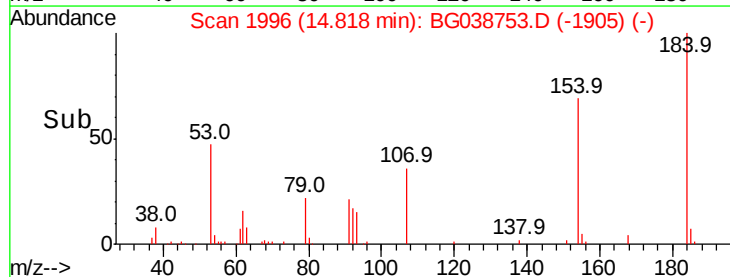
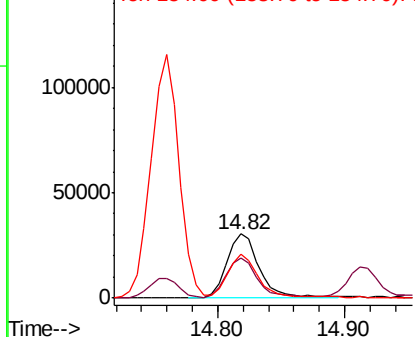


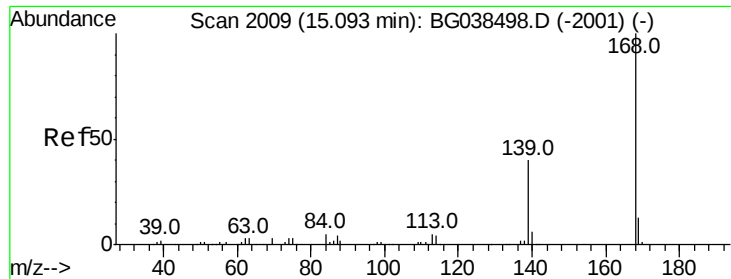
#54
2,4-Dinitrophenol
Concen: 76.943 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:184 Resp: 54290
Ion Ratio Lower Upper
184 100
63 63.3 47.0 70.6
154 69.2 50.3 75.5



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

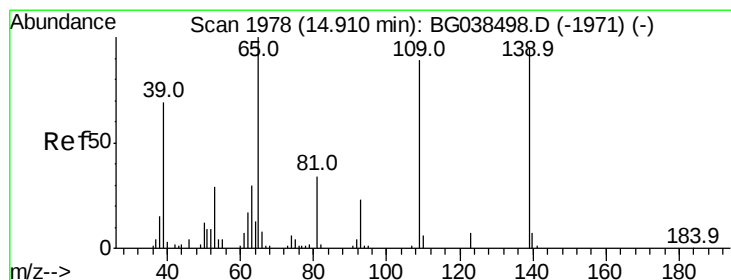
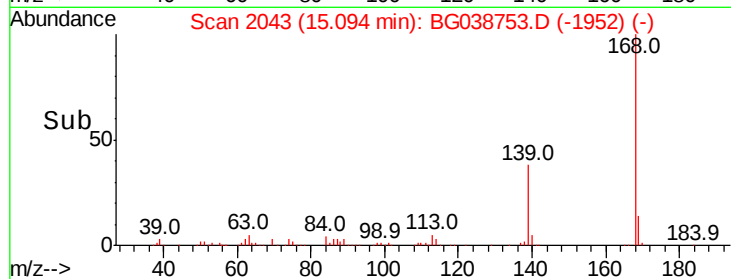
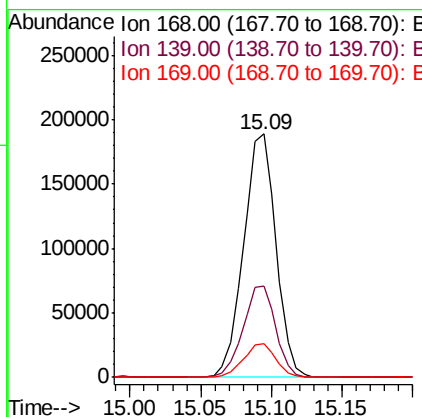
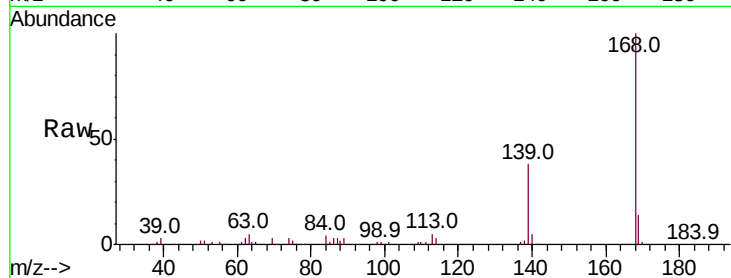




#55
Dibenzenofuran
Concen: 47.449 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

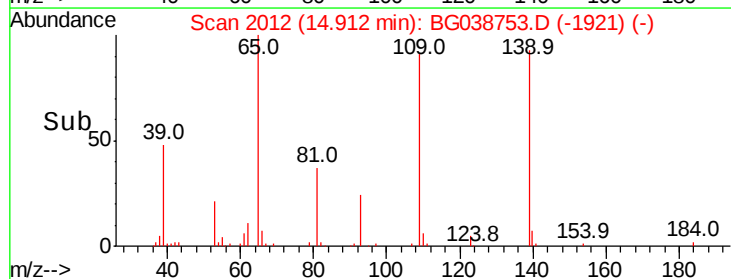
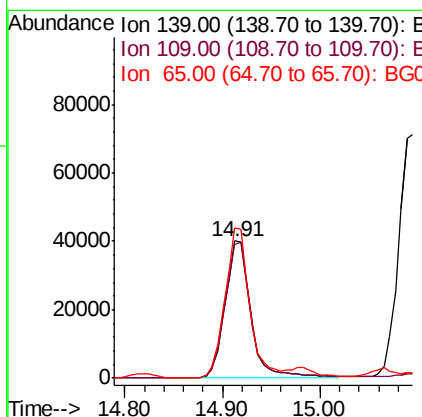
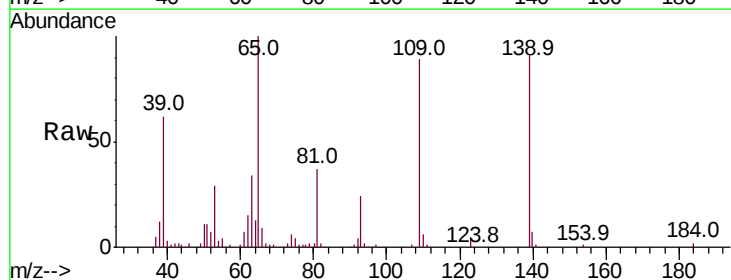
Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

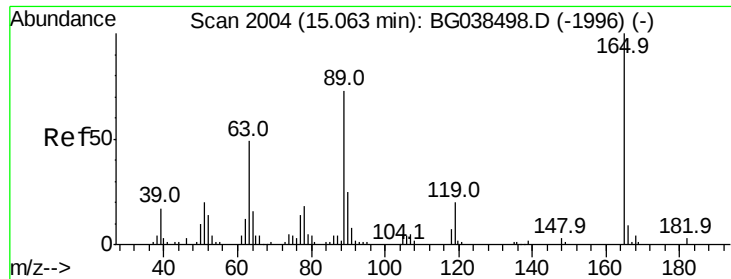
Tot Ion:168 Resp: 302533
Ion Ratio Lower Upper
168 100
139 37.7 32.2 48.2
169 14.1 10.6 16.0



#56
4-Nitrophenol
Concen: 80.758 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:139 Resp: 74264
Ion Ratio Lower Upper
139 100
109 97.4 73.6 113.6
65 109.4 84.8 124.8

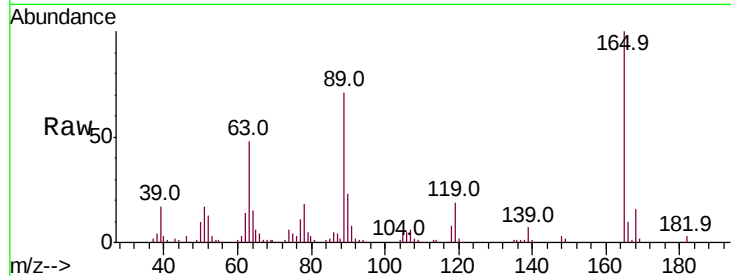




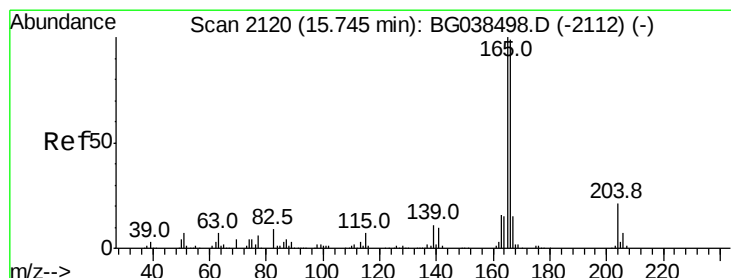
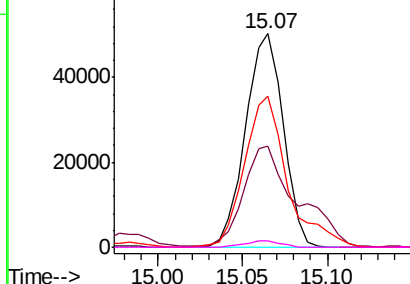
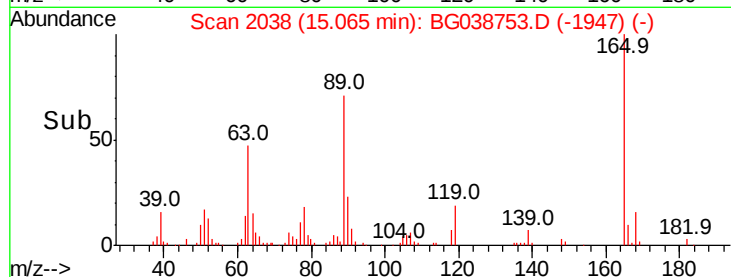
#57
2,4-Dinitrotoluene
Concen: 46.873 ng
RT: 15.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:165 Resp: 78504
Ion Ratio Lower Upper
165 100
63 47.6 39.0 58.4
89 70.6 58.0 87.0
182 2.9 2.3 3.5

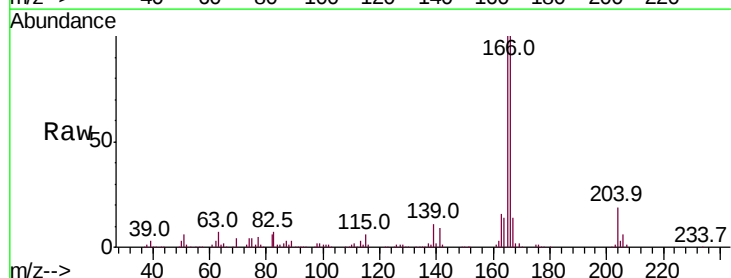


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

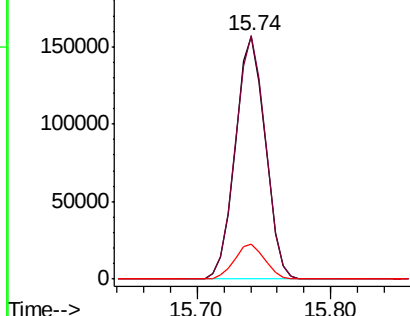
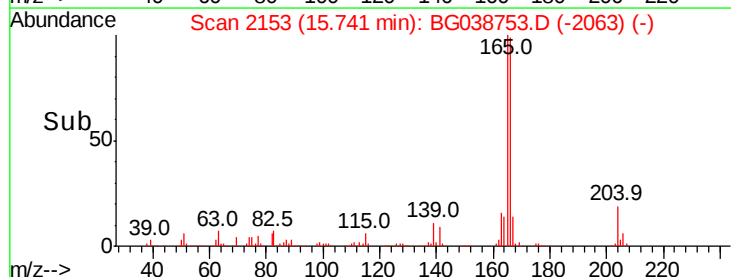


#58
Fluorene
Concen: 51.406 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:166 Resp: 242831
Ion Ratio Lower Upper
166 100
165 100.4 80.6 120.8
167 14.3 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

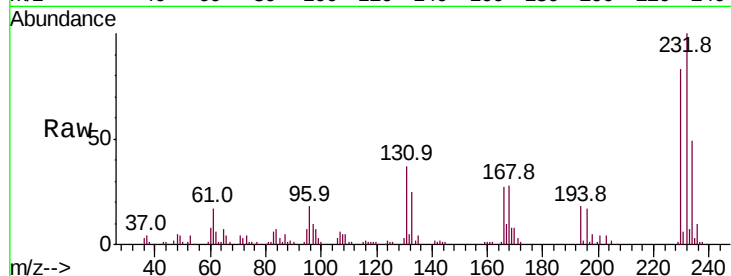




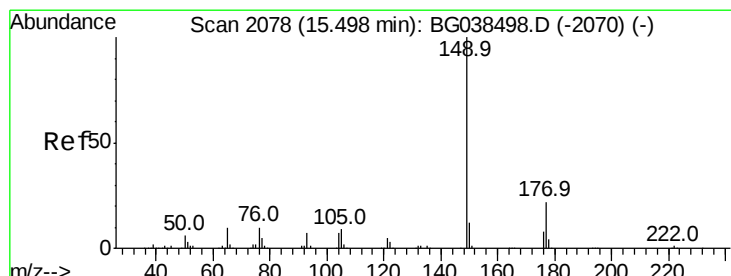
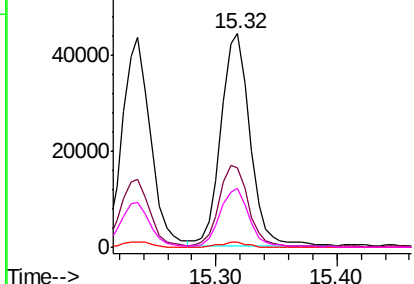
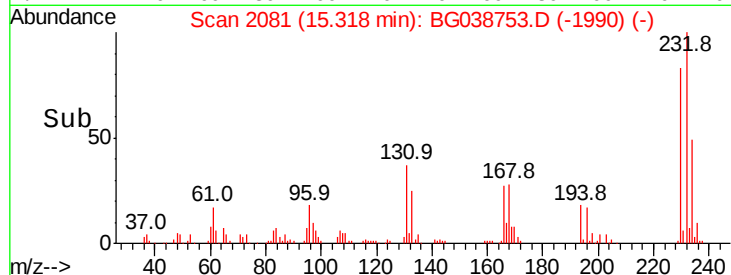
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.803 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

Tot Ion:232 Resp: 74280
 Ion Ratio Lower Upper
 232 100
 131 38.6 33.0 49.4
 130 2.2 2.0 3.0
 166 28.2 23.1 34.7

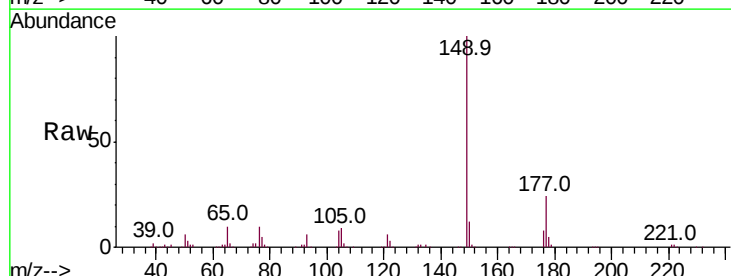


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

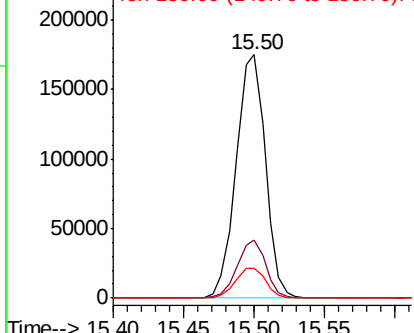
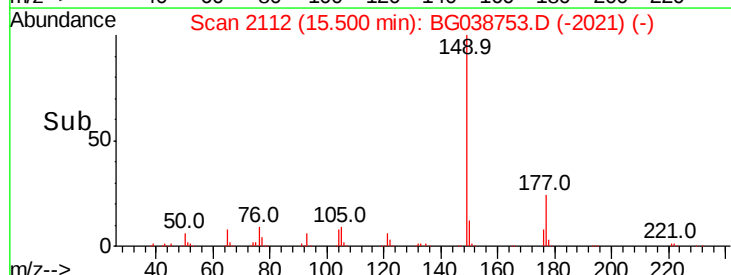


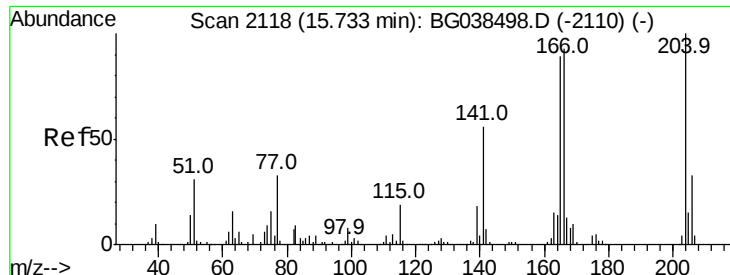
#60
 Diethylphthalate
 Concen: 43.940 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:149 Resp: 253108
 Ion Ratio Lower Upper
 149 100
 177 24.0 17.7 26.5
 150 12.4 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

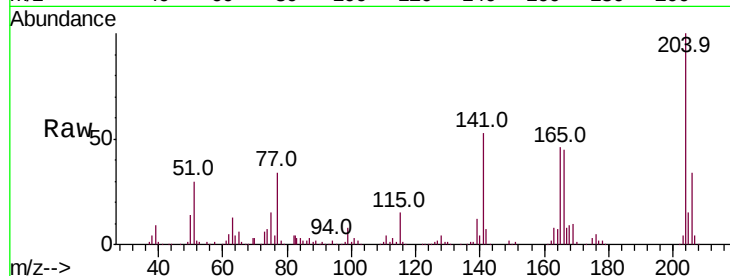




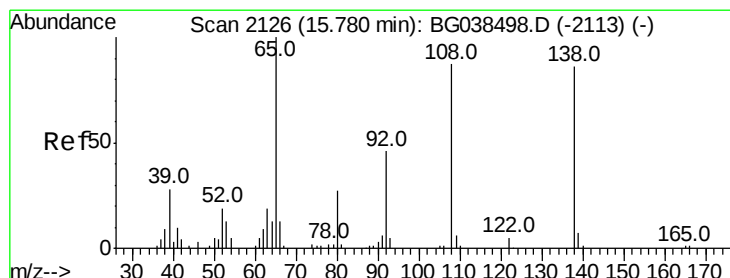
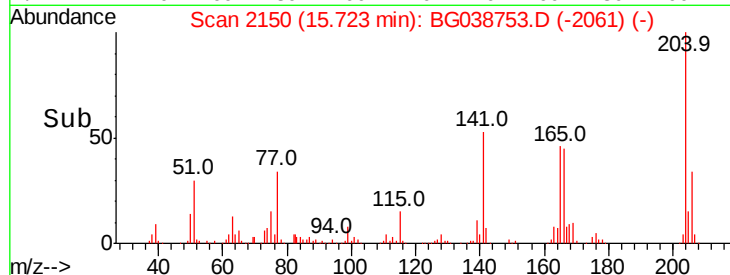
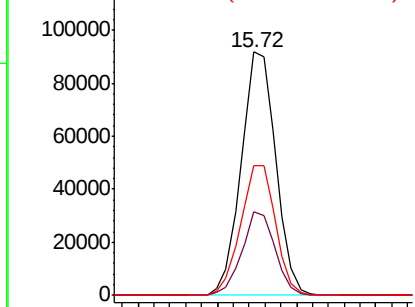
#61
4-Chlorophenyl-phenylether
Concen: 46.995 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:204 Resp: 138509
Ion Ratio Lower Upper
204 100
206 34.4 26.0 39.0
141 53.3 44.4 66.6

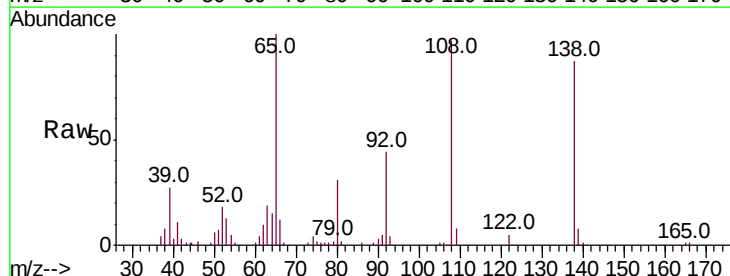


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

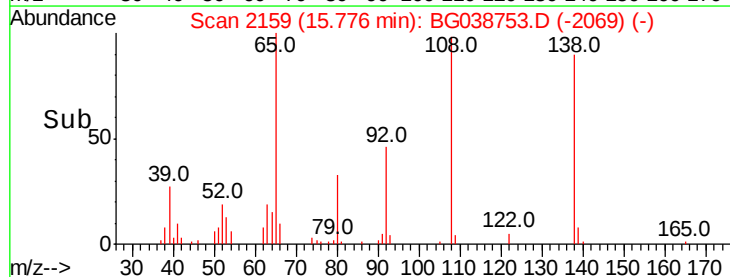
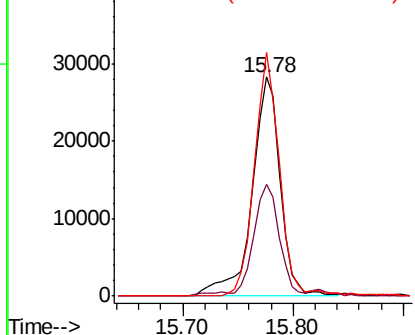


#62
4-Nitroaniline
Concen: 40.404 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:138 Resp: 50422
Ion Ratio Lower Upper
138 100
92 50.9 33.3 73.3
108 111.3 81.4 121.4



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

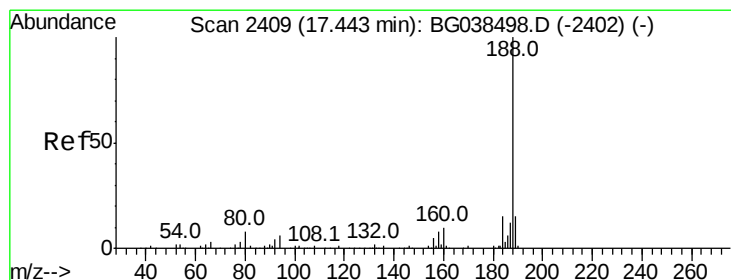
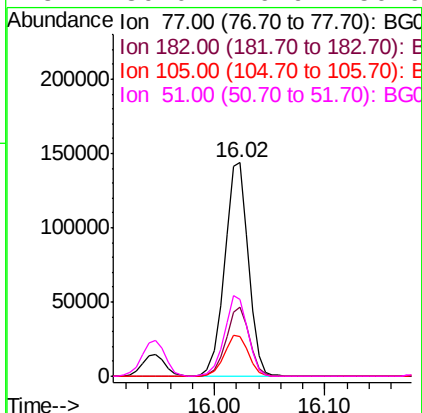
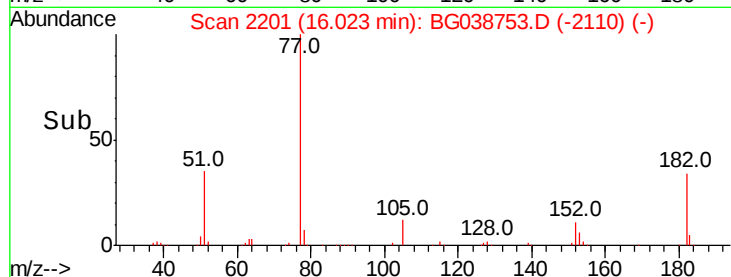
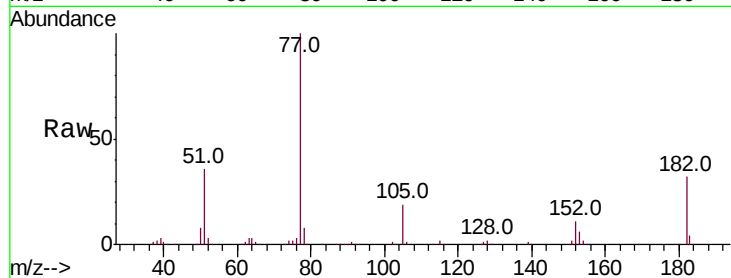




#63
Azobenzene
Concen: 44.725 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

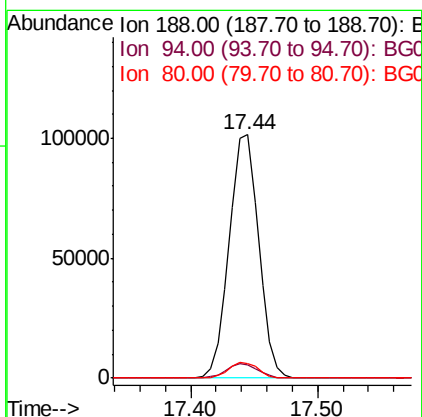
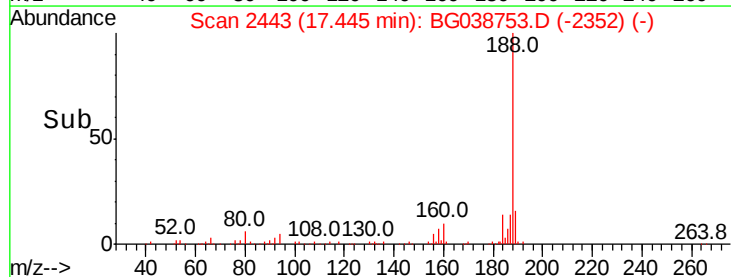
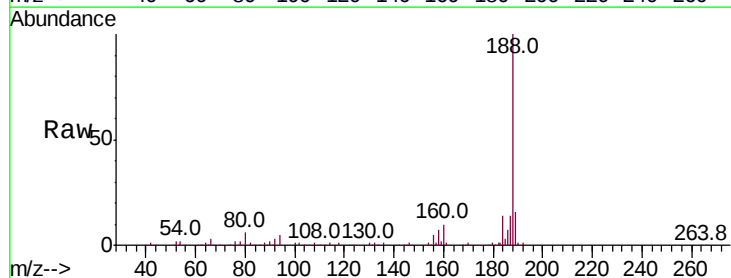
Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

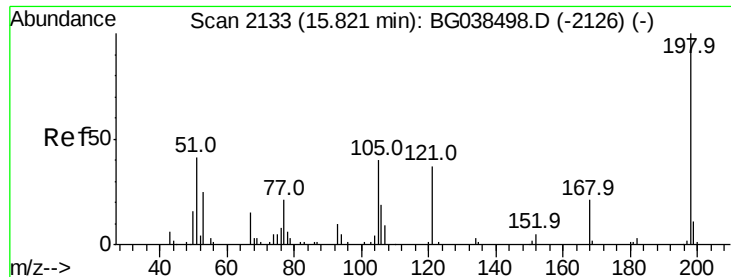
Tot Ion: 77 Resp: 215224
Ion Ratio Lower Upper
77 100
182 32.2 8.7 48.7
105 18.8 0.0 38.7
51 36.0 16.6 56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion: 188 Resp: 163046
Ion Ratio Lower Upper
188 100
94 5.2 5.1 7.7
80 6.0 6.1 9.1#

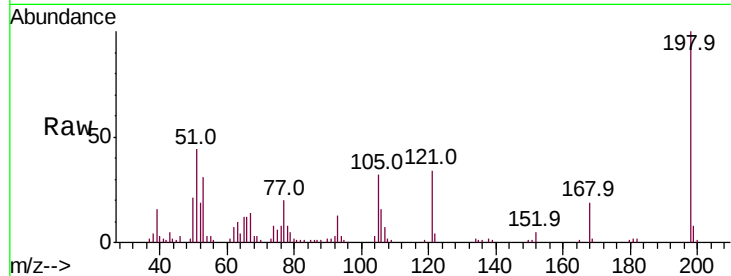




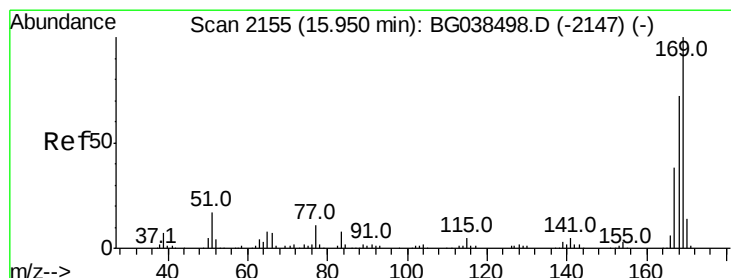
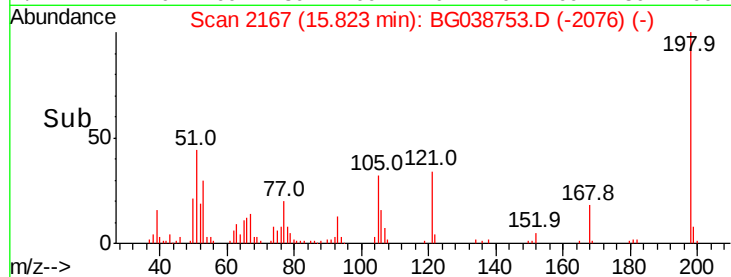
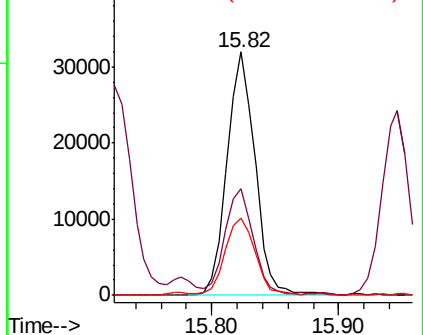
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.028 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

Tot Ion:198 Resp: 48882
 Ion Ratio Lower Upper
 198 100
 51 44.0 28.6 68.6
 105 31.6 20.4 60.4

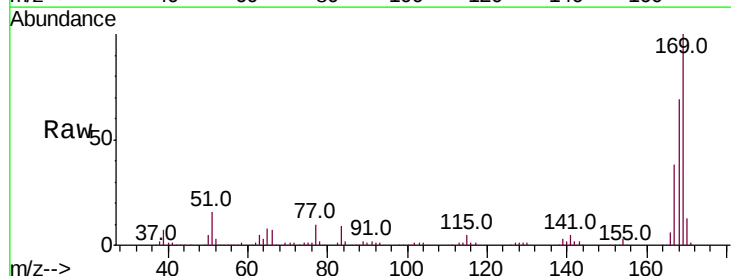


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

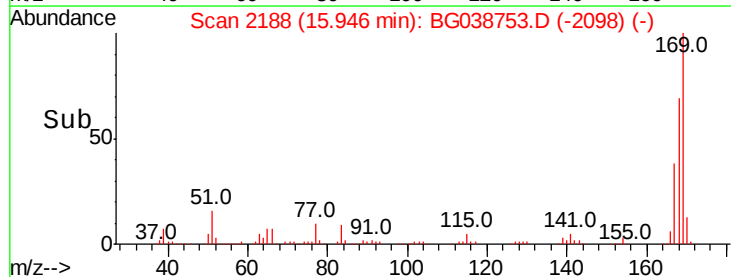
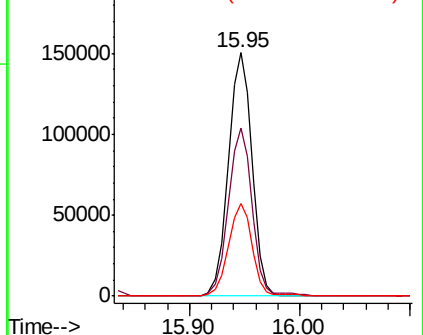


#66
 n-Nitrosodiphenylamine
 Concen: 46.974 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:169 Resp: 225034
 Ion Ratio Lower Upper
 169 100
 168 69.2 57.5 86.3
 167 38.2 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

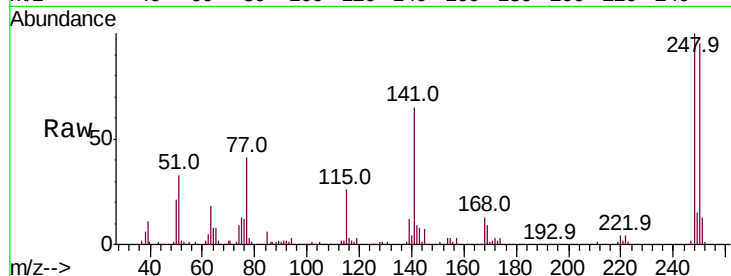




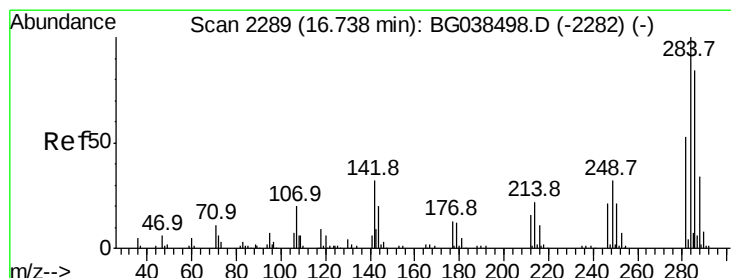
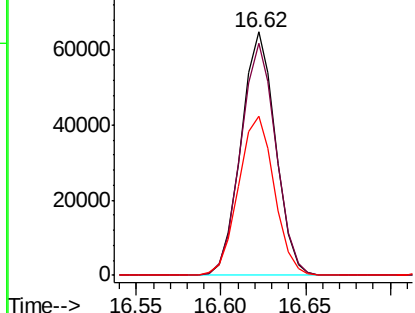
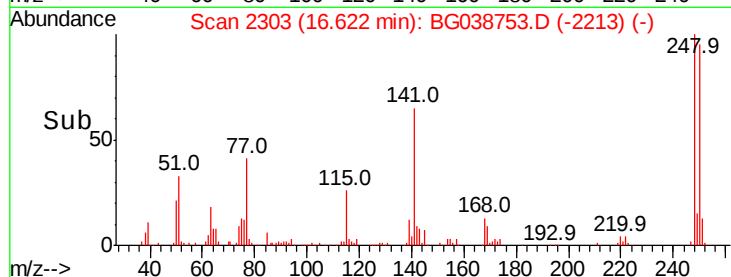
#67
 4-Bromophenyl-phenylether
 Concen: 46.282 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

Tot Ion:248 Resp: 92160
 Ion Ratio Lower Upper
 248 100
 250 95.2 73.4 110.2
 141 65.2 52.9 79.3

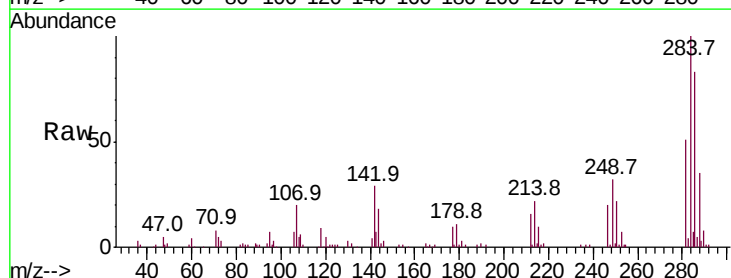


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

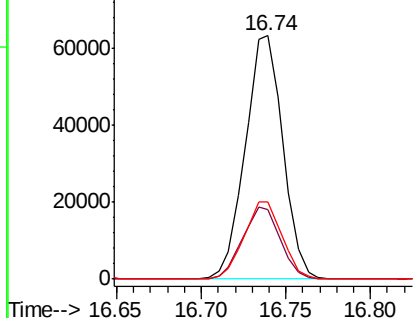
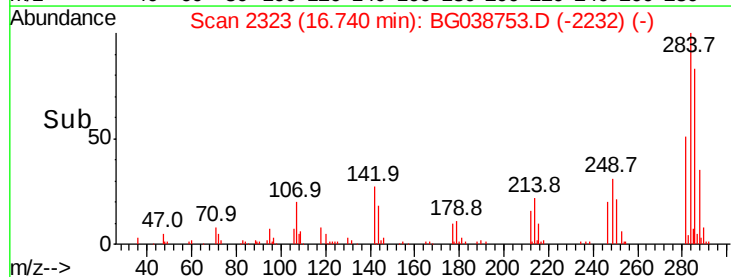


#68
 Hexachlorobenzene
 Concen: 47.326 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:284 Resp: 97689
 Ion Ratio Lower Upper
 284 100
 142 28.6 25.8 38.6
 249 33.9 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 50.793 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

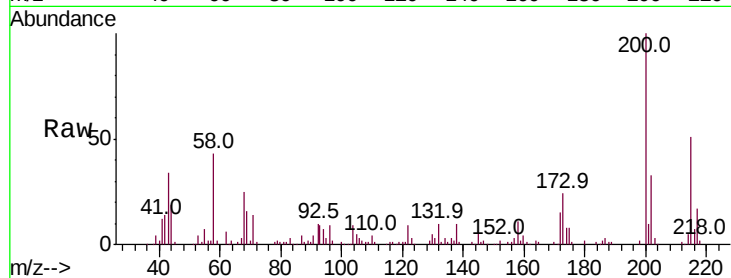
Tot Ion:200 Resp: 90303

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

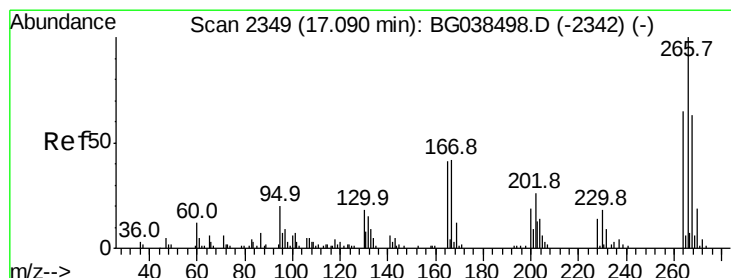
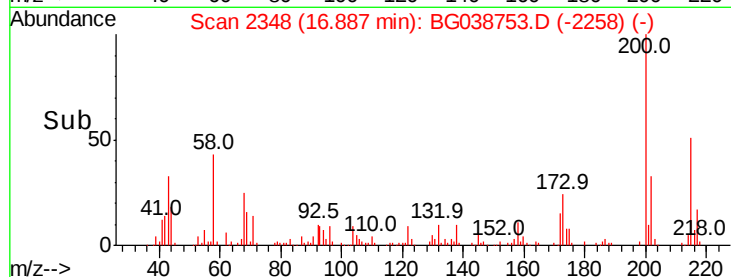
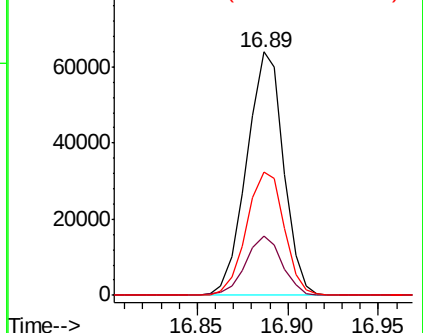
215 50.8 33.1 73.1



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: 83.587 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

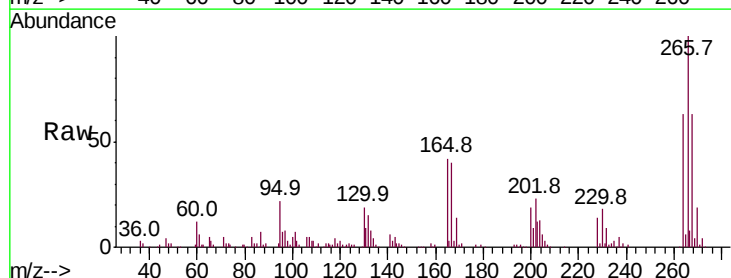
Tgt Ion:266 Resp: 102054

Ion Ratio Lower Upper

266 100

268 66.8 55.0 82.6

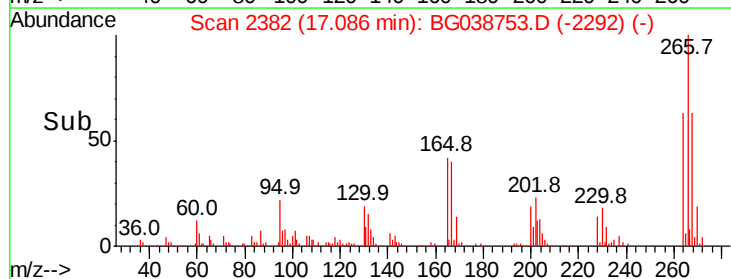
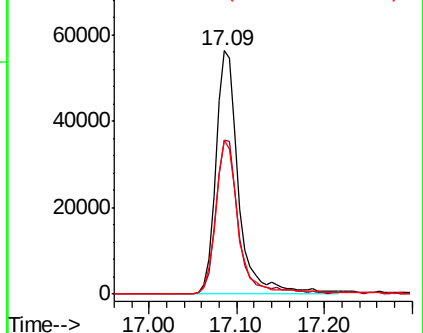
264 69.0 56.7 85.1

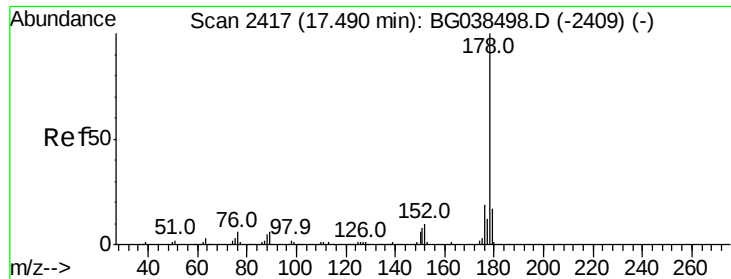


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

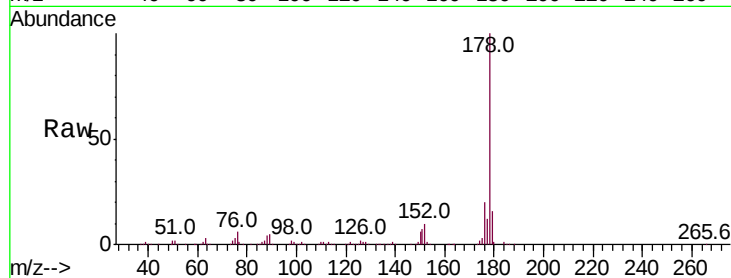




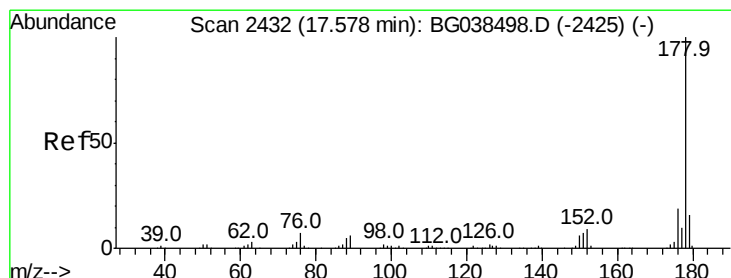
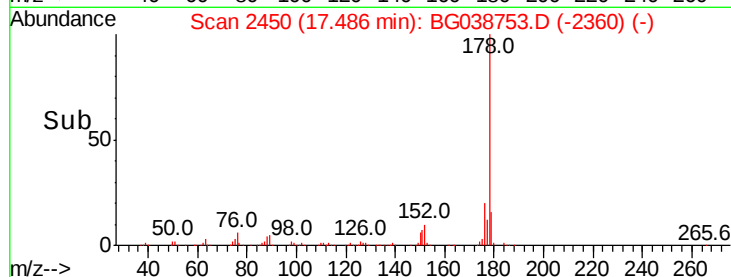
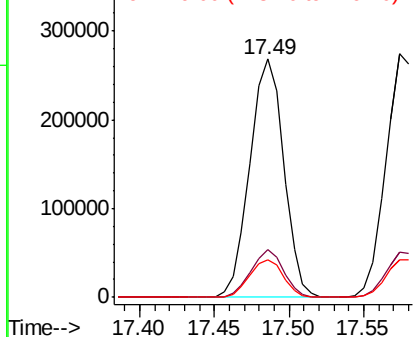
#71
Phenanthrene
Concen: 49.915 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:178 Resp: 422035
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 15.8 13.2 19.8

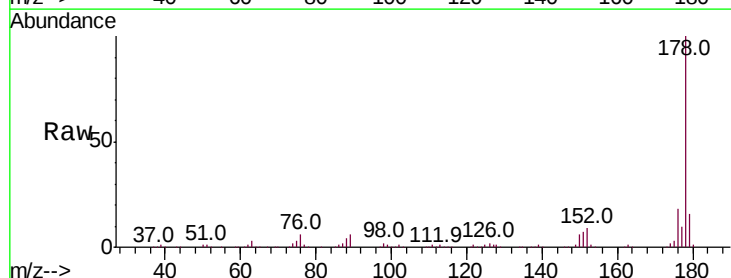


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

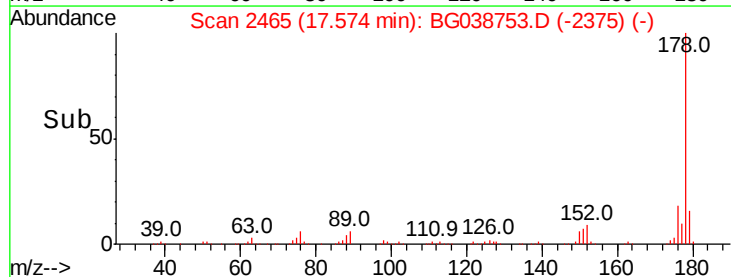
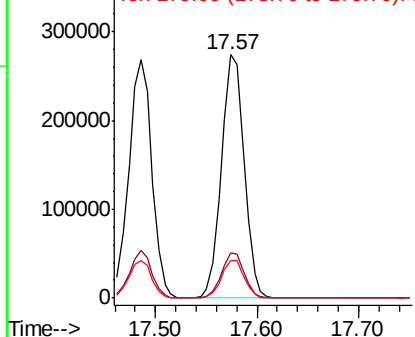


#72
Anthracene
Concen: 51.387 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:178 Resp: 428923
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.6 12.9 19.3



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

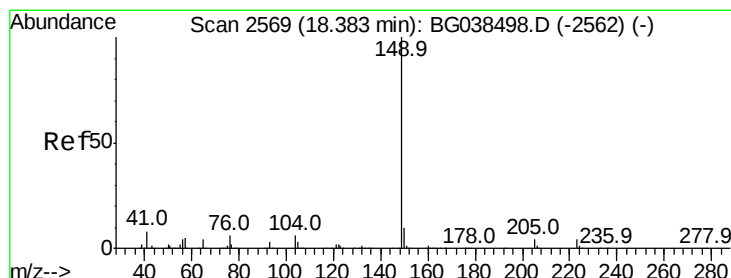
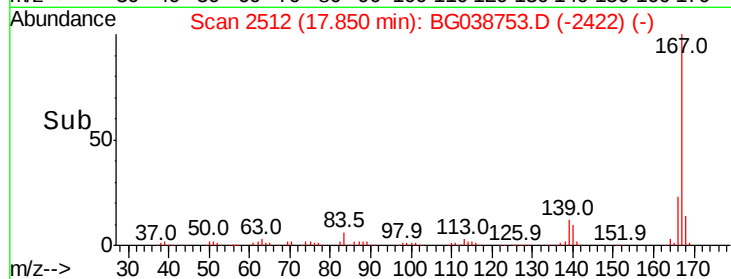
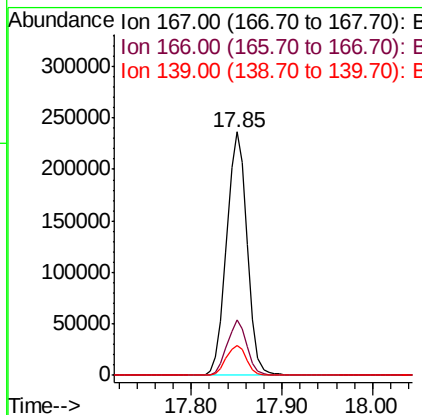
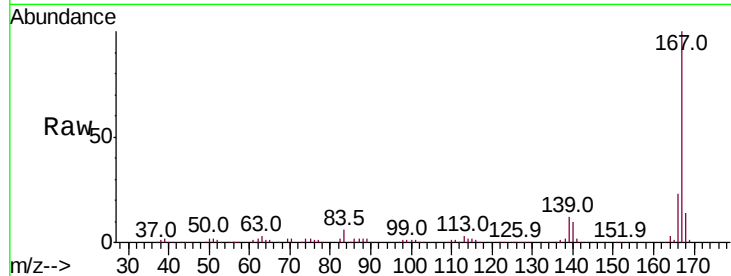




#73
 Carbazole
 Concen: 44.983 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

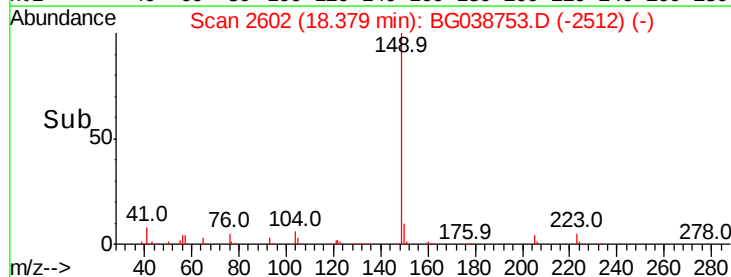
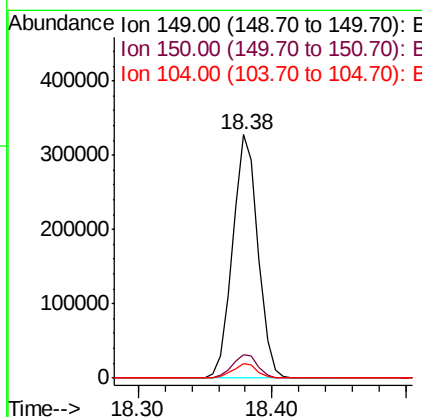
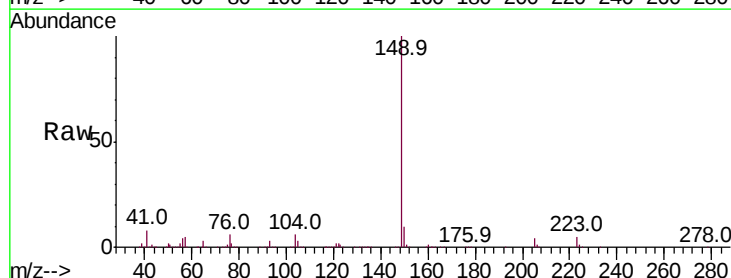
Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

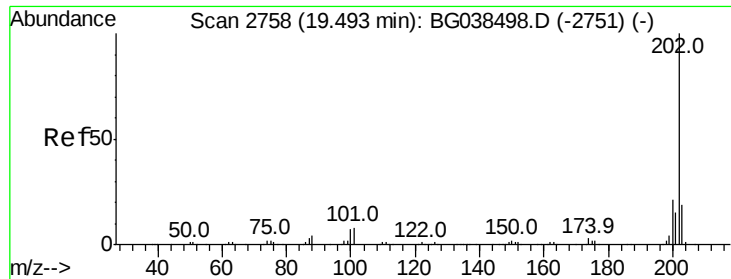
Tot Ion:167 Resp: 371326
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 12.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 45.626 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:149 Resp: 432177
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.8 5.0 7.4

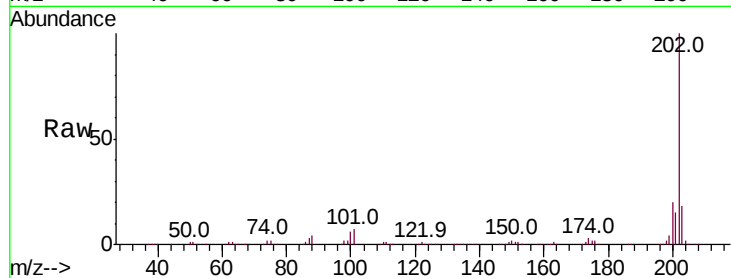




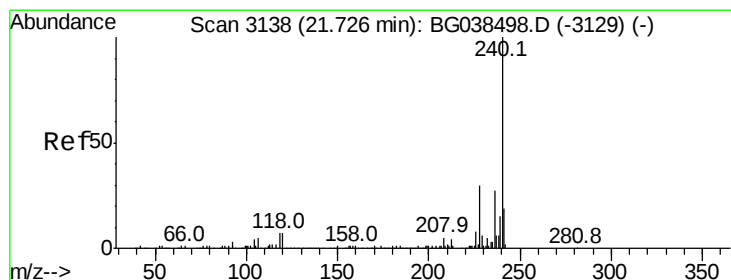
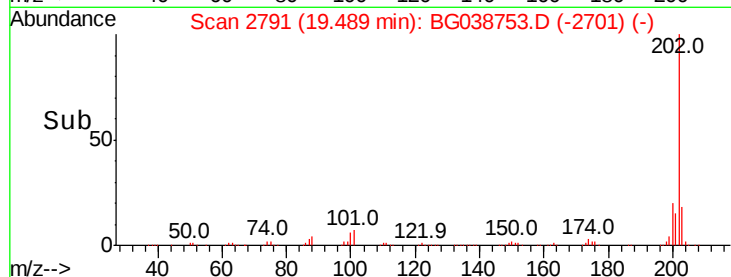
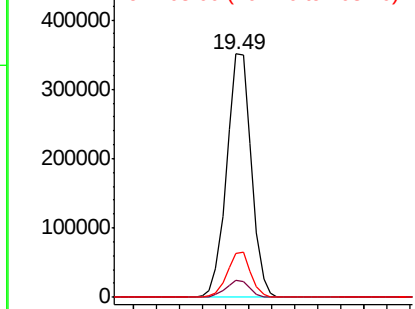
#75
Fluoranthene
 Concen: 49.346 ng
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

Tot Ion:202 Resp: 516214
 Ion Ratio Lower Upper
 202 100
 101 7.0 0.0 28.1
 203 18.1 0.0 39.0

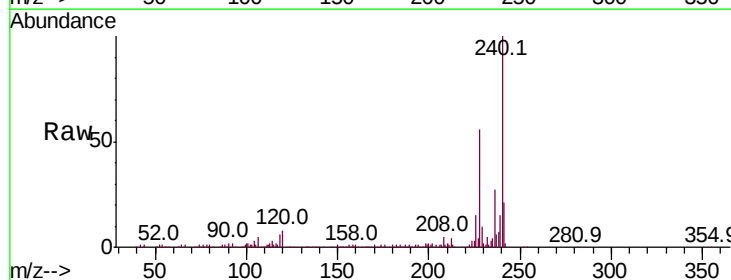


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

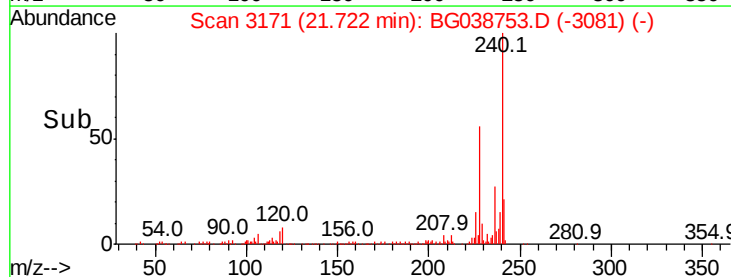
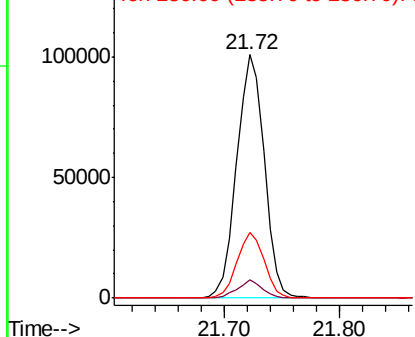


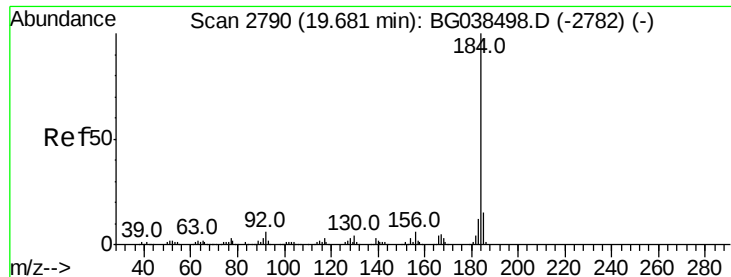
#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:240 Resp: 166984
 Ion Ratio Lower Upper
 240 100
 120 7.7 5.3 7.9
 236 26.9 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: 15.782 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

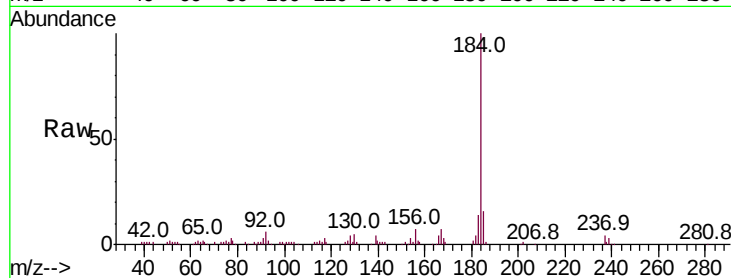
Tot Ion:184 Resp: 77937

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

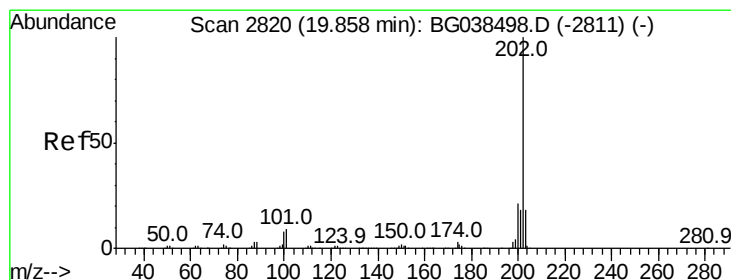
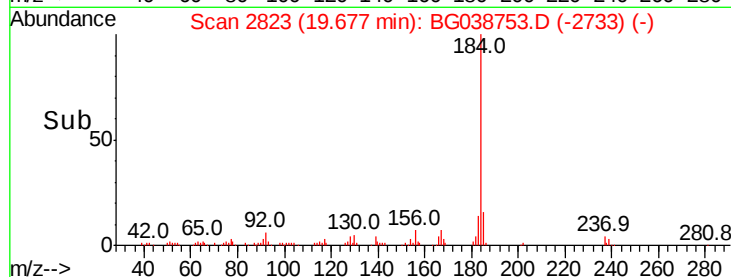
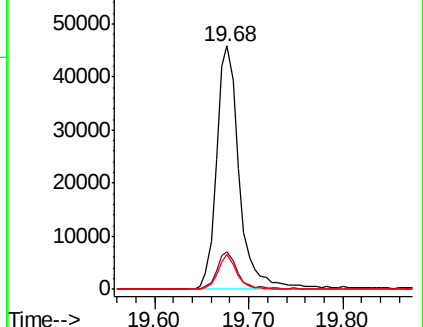
183 14.5 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.868 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

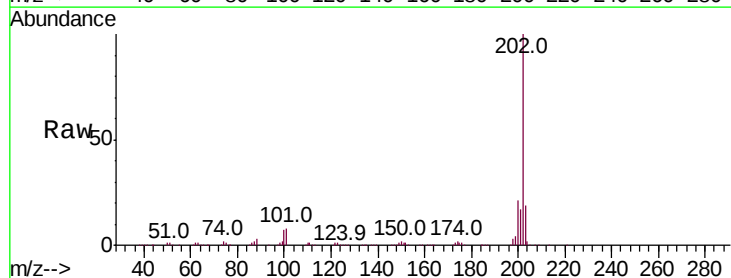
Tgt Ion:202 Resp: 517019

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

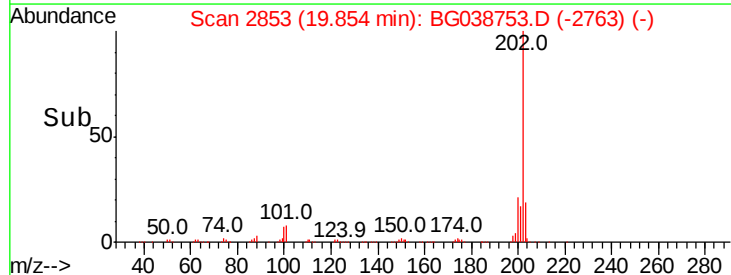
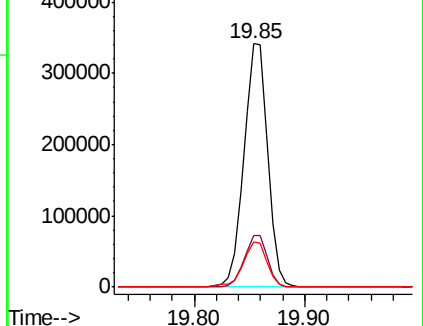
203 18.7 14.6 21.8

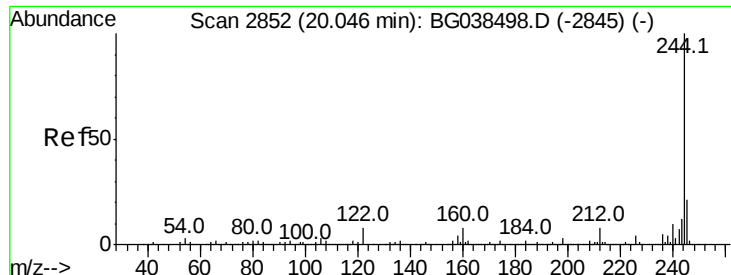


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 116.626 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

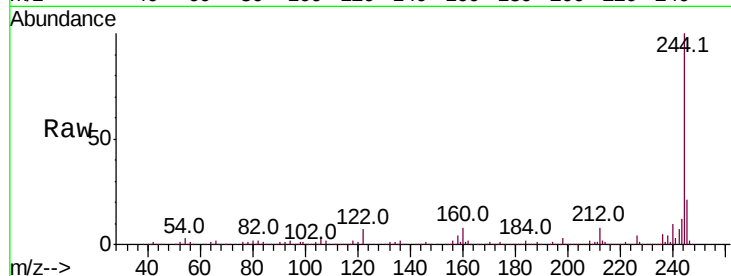
Tot Ion:244 Resp: 894841

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

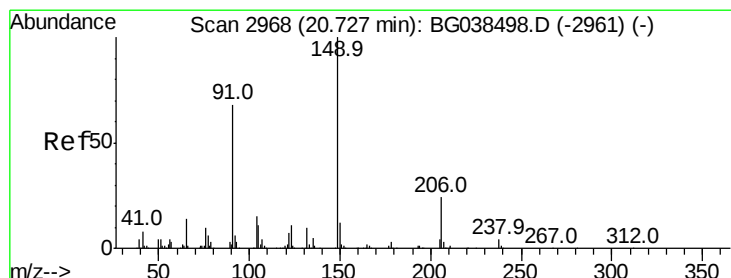
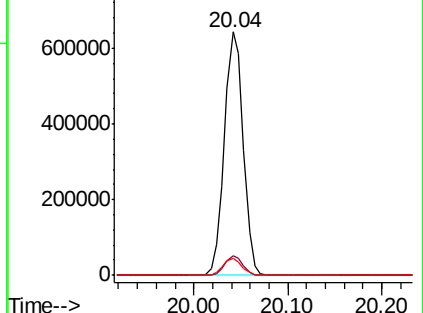
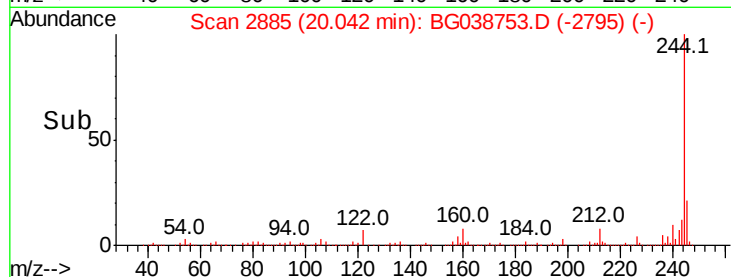
122 7.0 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.273 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

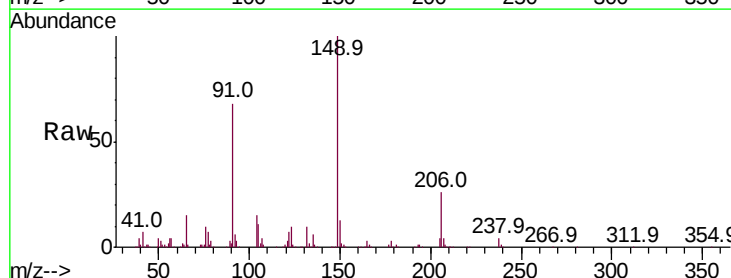
Tgt Ion:149 Resp: 195121

Ion Ratio Lower Upper

149 100

91 68.0 54.5 81.7

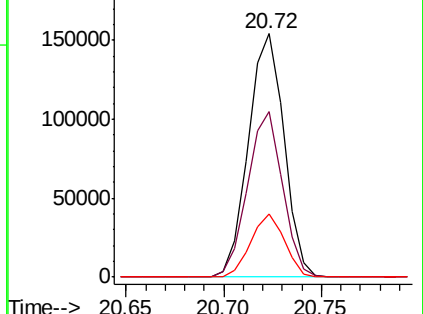
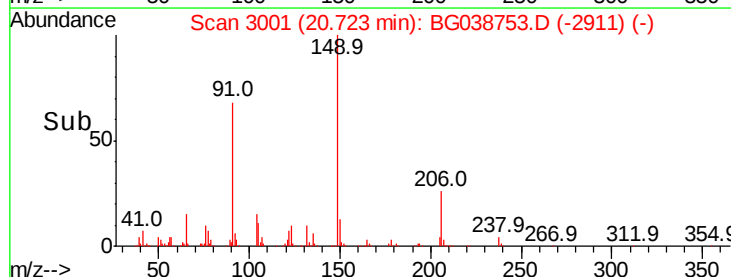
206 25.7 19.0 28.6

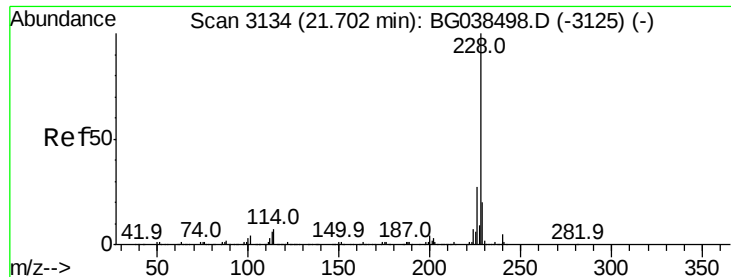


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

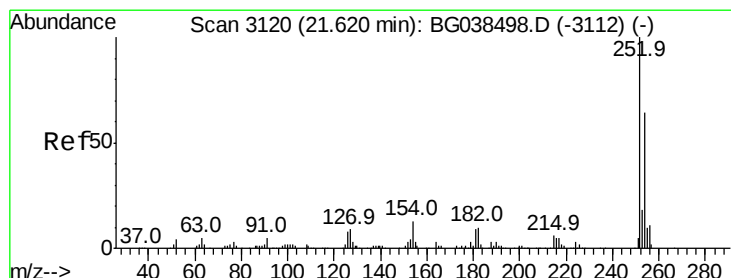
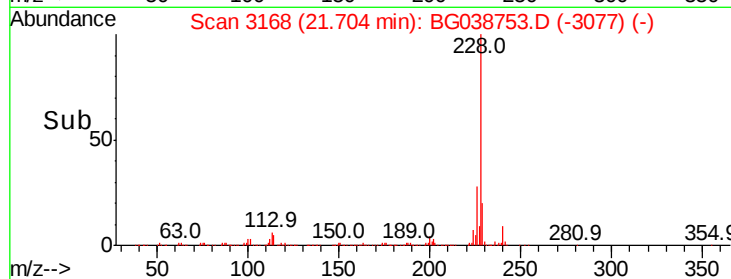
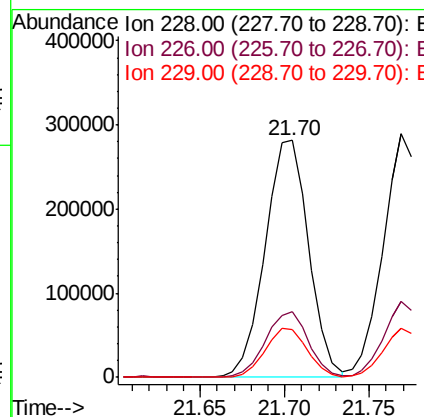
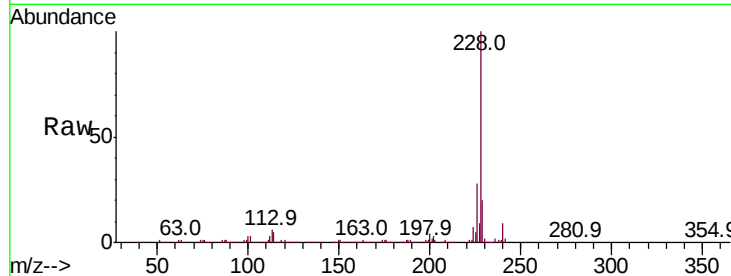




#81
Benzo(a)anthracene
Concen: 49.455 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

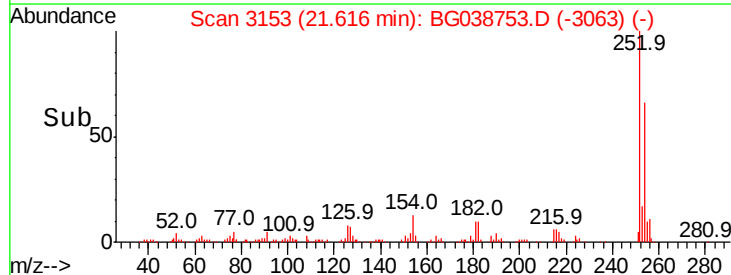
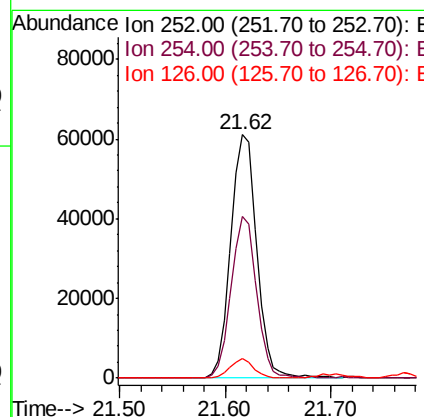
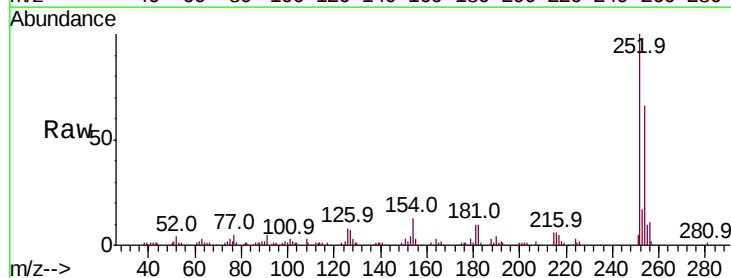
Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

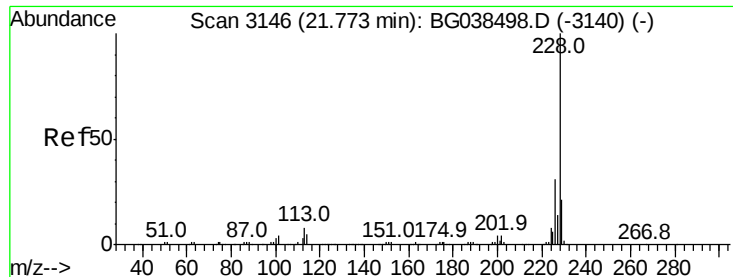
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.2	15.8	23.6



#82
3,3'-Dichlorobenzidine
Concen: 25.855 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.9	76.3
126	7.8	6.3	9.5

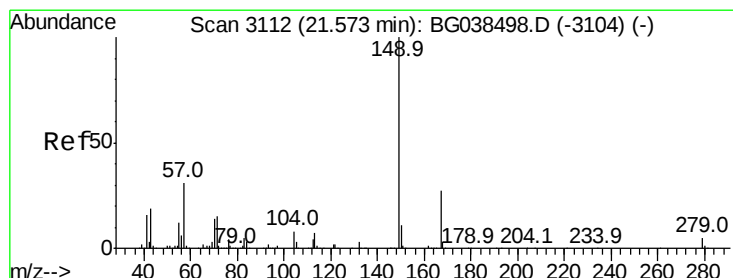
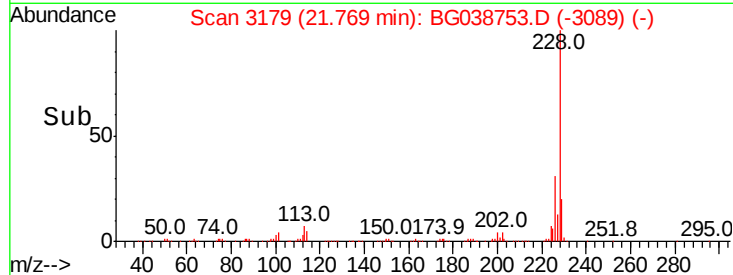
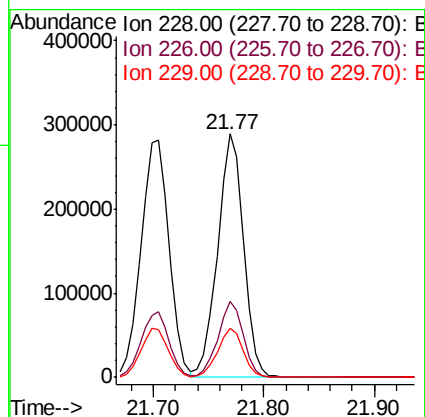
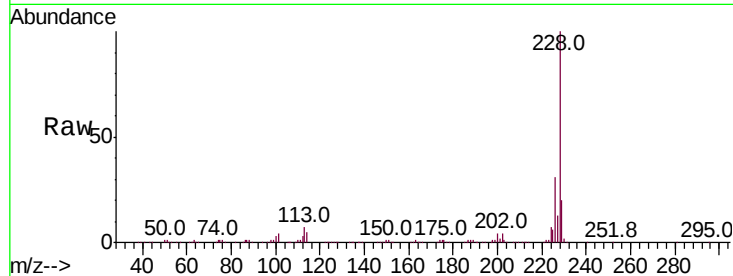




#83
 Chrysene
 Concen: 47.722 ng
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

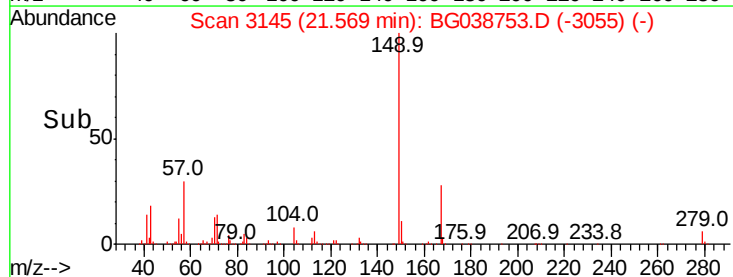
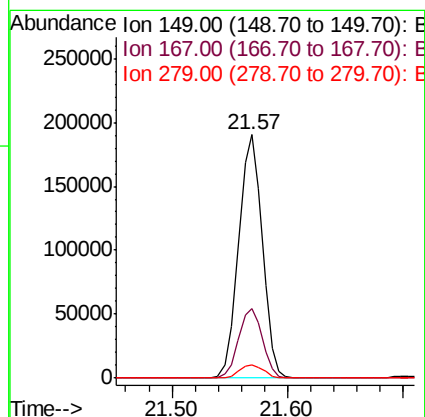
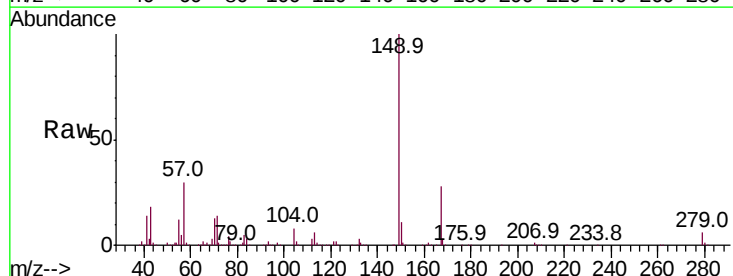
Instrument :
 BNA_G
 ClientSampleId :
 WC-20181214MSD

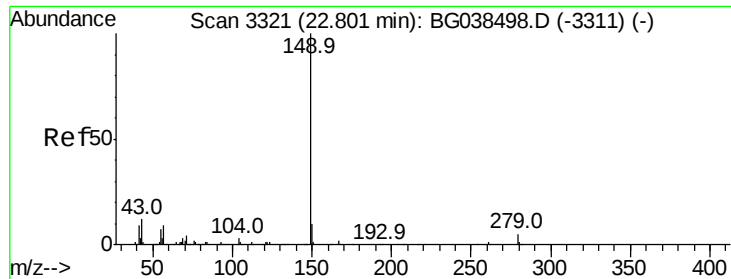
Tot Ion:228	Resp:	467711
Ion	Ratio	Lower Upper
228	100	
226	30.9	25.0 37.4
229	20.4	16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.219 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG038753.D
 Acq: 20 Dec 2018 8:15

Tgt Ion:149	Resp:	270293
Ion	Ratio	Lower Upper
149	100	
167	28.4	21.9 32.9
279	5.6	4.2 6.2

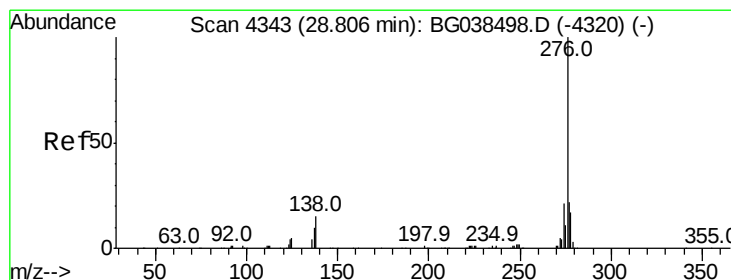
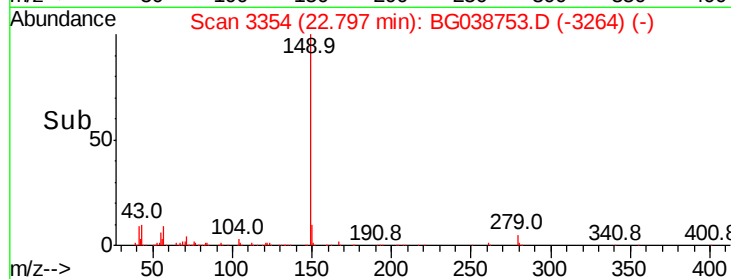
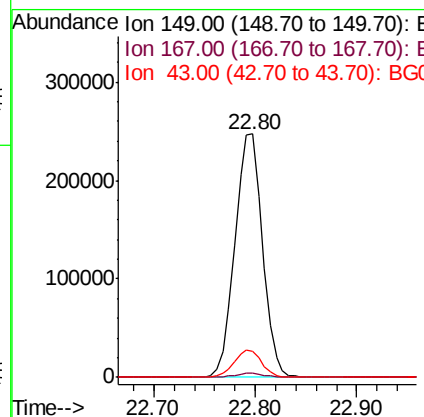
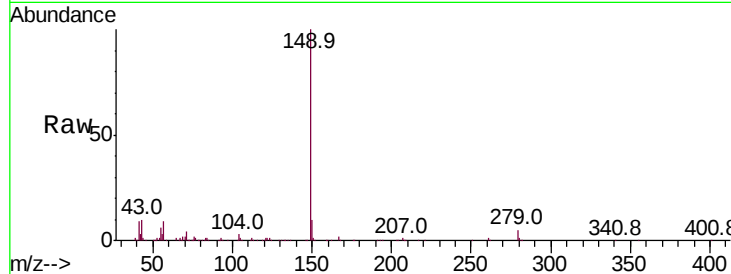




#85
Di-n-octyl phthalate
Concen: 45.561 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

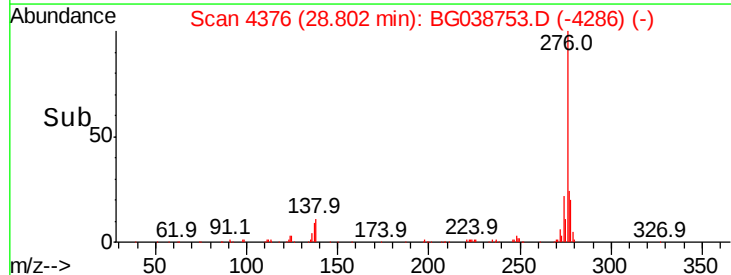
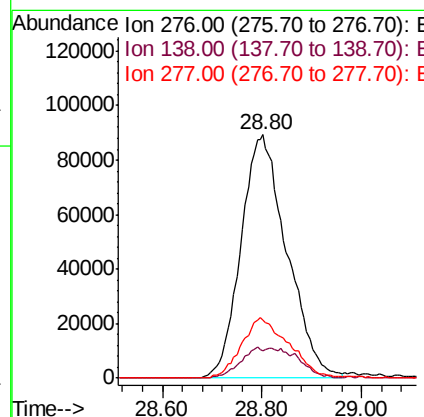
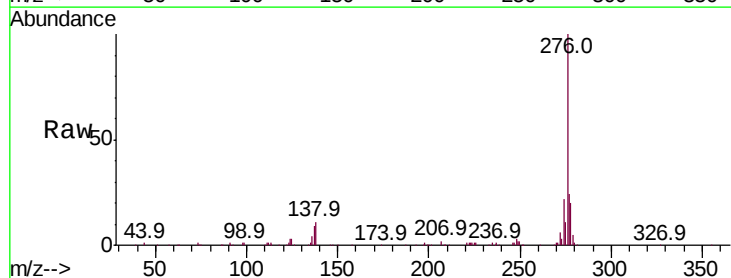
Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

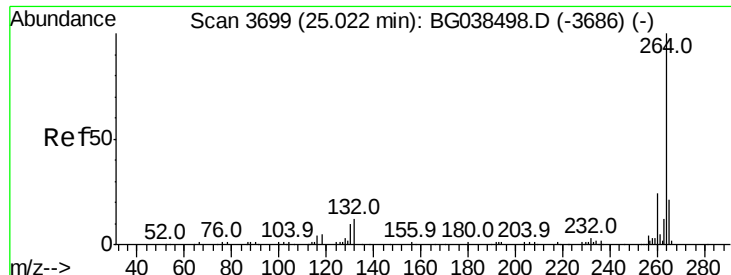
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.2	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.480 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.2	14.4	21.6#
277	25.6	0.0	0.0#



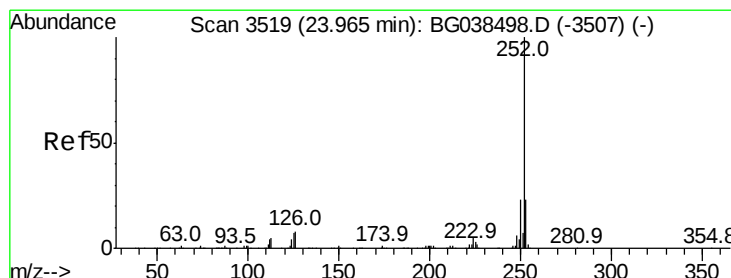
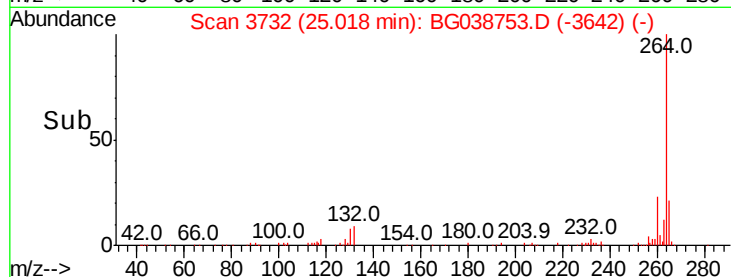
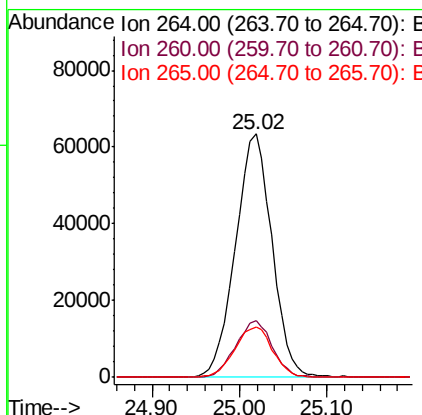
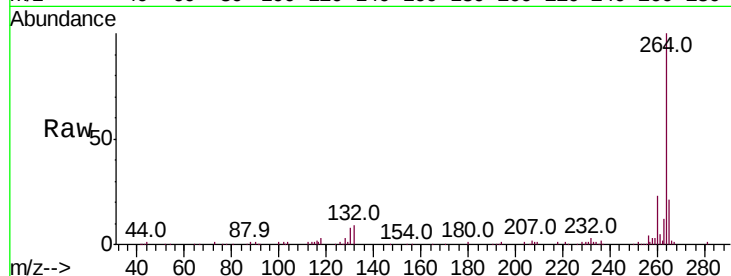


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

Tot Ion:264 Resp: 179183

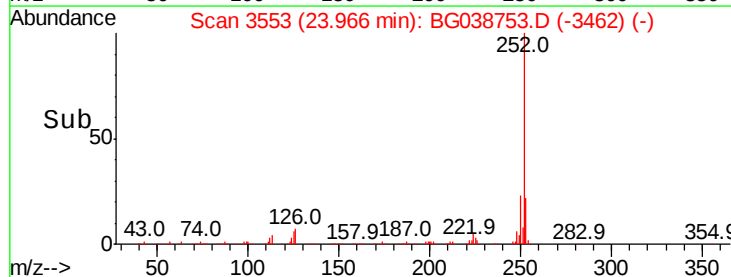
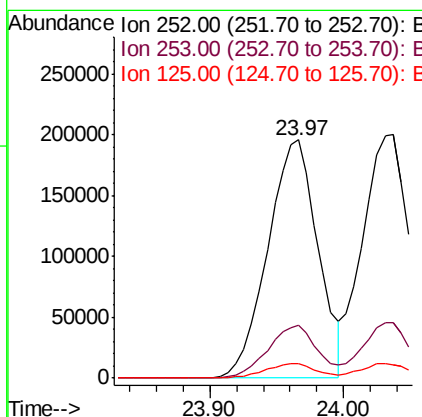
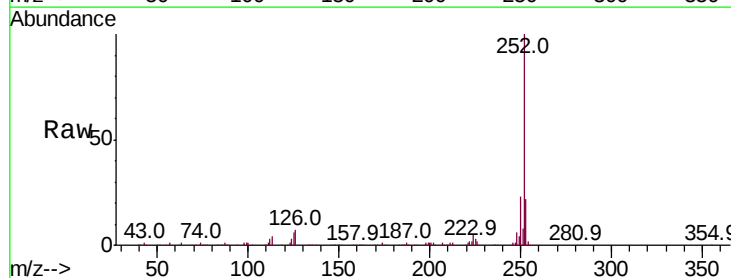
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	20.9	17.0	25.4

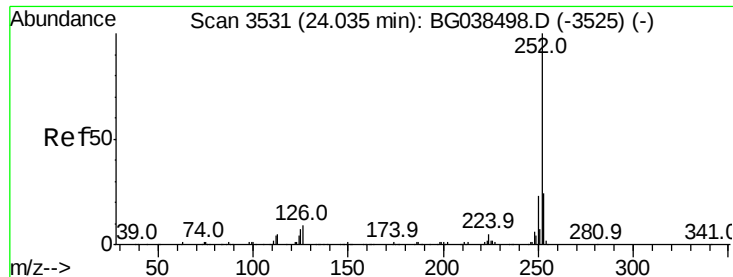


#88
Benzo(b)fluoranthene
Concen: 51.919 ng
RT: 23.97 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:252 Resp: 510775

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	5.9	5.5	8.3

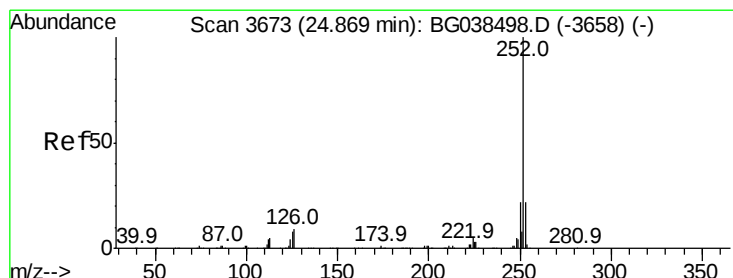
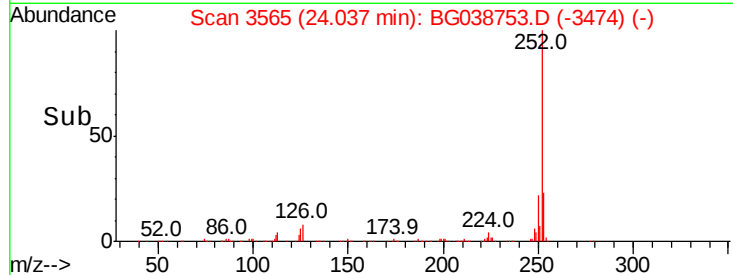
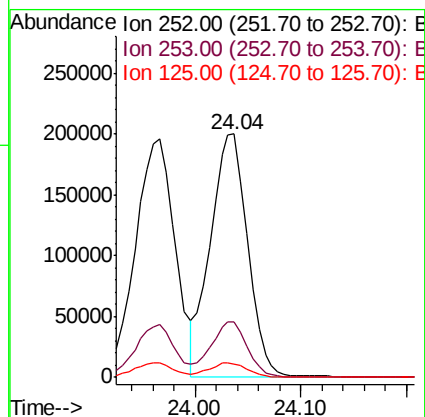
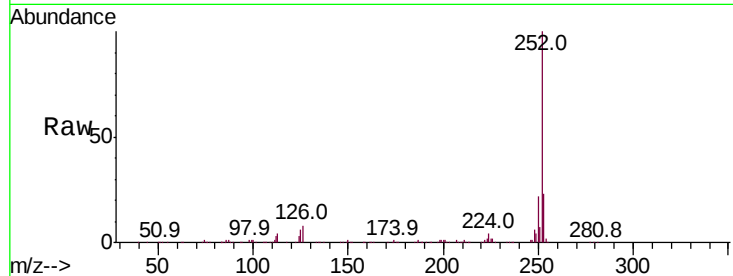




#89
Benzo(k)fluoranthene
Concen: 50.066 ng
RT: 24.04 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

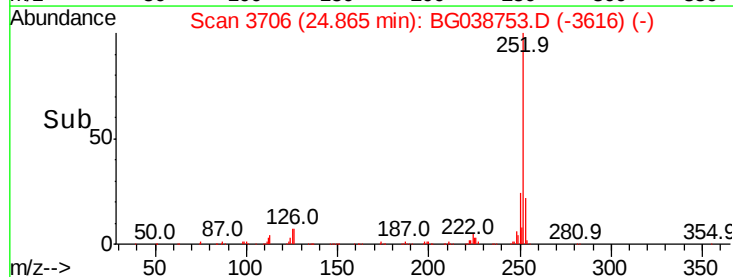
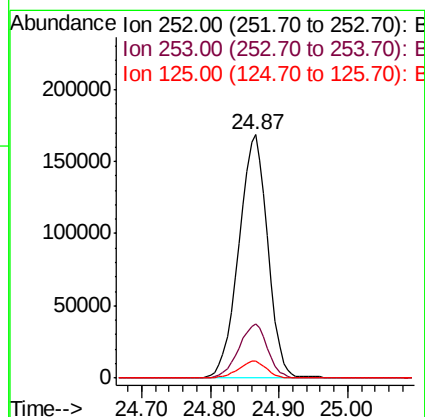
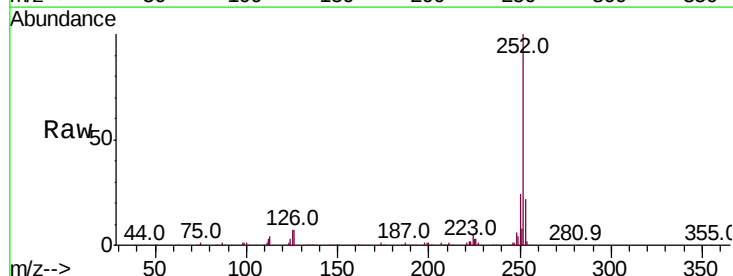
Instrument :
BNA_G
ClientSampleId :
WC-20181214MSD

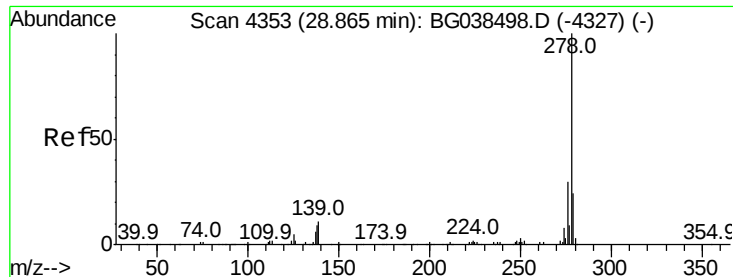
Tot Ion:252 Resp: 490465
Ion Ratio Lower Upper
252 100
253 22.9 18.9 28.3
125 5.6 5.4 8.2



#90
Benzo(a)pyrene
Concen: 51.908 ng
RT: 24.87 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG038753.D
Acq: 20 Dec 2018 8:15

Tgt Ion:252 Resp: 492655
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 6.9 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 50.053 ng

RT: 28.87 min Scan# 4387

Delta R.T. 0.00 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

Instrument :

BNA_G

ClientSampleId :

WC-20181214MSD

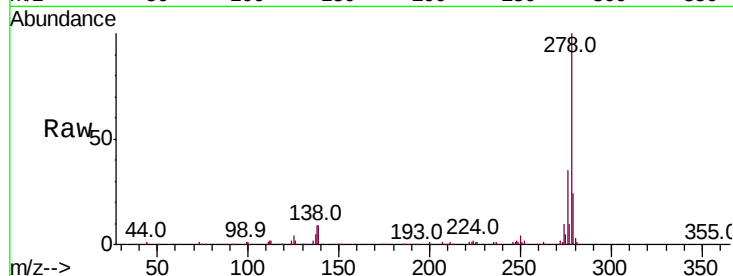
Tot Ion:278 Resp: 472994

Ion Ratio Lower Upper

278 100

139 9.0 8.6 12.8

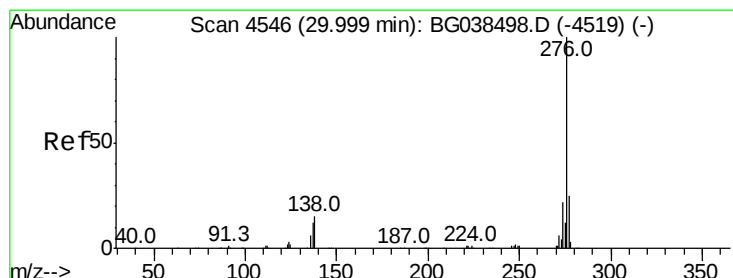
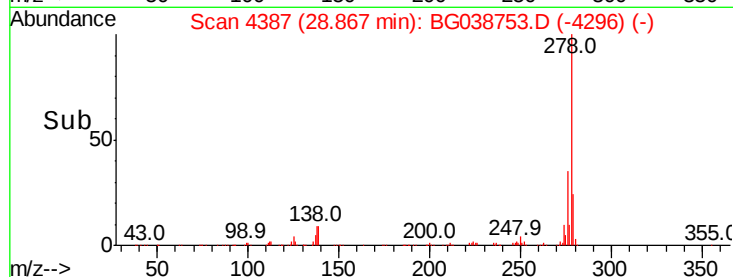
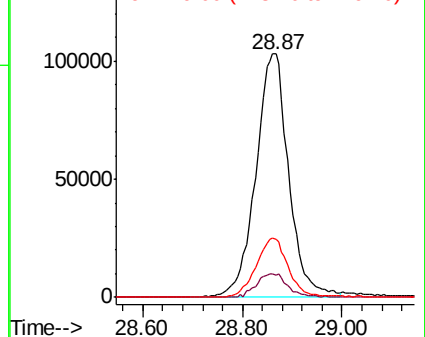
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.371 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038753.D

Acq: 20 Dec 2018 8:15

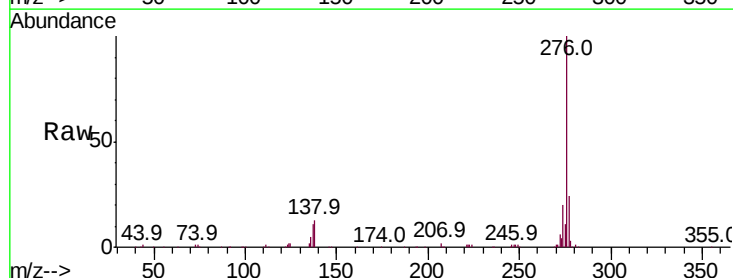
Tgt Ion:276 Resp: 478413

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.8

138 12.5 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

