

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038547.D
 Acq On : 14 Dec 2018 00:38
 Operator : JU/SJ
 Sample : J6347-16MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Quant Time: Dec 14 01:55:04 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	29129	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	119270	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79610	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	194492	20.00	ng	0.00
76) Chrysene-d12	21.72	240	185527	20.00	ng	0.00
87) Perylene-d12	25.02	264	202437	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	77861	47.41	ng	0.00
7) Phenol-d6	7.21	99	68707	30.47	ng	0.00
23) Nitrobenzene-d5	9.24	82	227046	97.25	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	113386	103.34	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	541924	93.38	ng	0.00
79) Terphenyl-d14	20.04	244	824714	96.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	9828	12.858	ng	88
3) Pyridine	3.90	79	21831	10.374	ng	91
4) n-Nitrosodimethylamine	3.82	42	19328	18.744	ng	# 87
6) Aniline	7.38	93	66643	23.155	ng	97
8) 2-Chlorophenol	7.62	128	74846	39.381	ng	99
9) Benzaldehyde	7.20	77	38181	26.105	ng	95
10) Phenol	7.24	94	38779	16.190	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	82883	43.462	ng	96
12) 1,3-Dichlorobenzene	7.94	146	86682	38.574	ng	97
13) 1,4-Dichlorobenzene	8.09	146	88097	38.279	ng	98
14) 1,2-Dichlorobenzene	8.42	146	84543	38.965	ng	97
15) Benzyl Alcohol	8.30	79	50312	28.590	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	190607	43.632	ng	97
17) 2-Methylphenol	8.50	107	54139	33.736	ng	95
18) Hexachloroethane	9.14	117	31692	37.684	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	73610	46.486	ng	98
20) 3+4-Methylphenols	8.83	107	68749	31.020	ng	98
22) Acetophenone	8.89	105	138674	46.549	ng	# 99
24) Nitrobenzene	9.28	77	110345	46.721	ng	97
25) Isophorone	9.79	82	210603	50.207	ng	99
26) 2-Nitrophenol	9.99	139	53687	44.413	ng	96
27) 2,4-Dimethylphenol	10.03	122	83097	47.966	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	117457	49.619	ng	98
29) 2,4-Dichlorophenol	10.52	162	95462	49.532	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	98219	42.190	ng	99
31) Naphthalene	10.93	128	282819	48.127	ng	99
32) Benzoic acid	10.17	122	6892	15.101	ng	89
33) 4-Chloroaniline	11.04	127	51503	20.187	ng	98
34) Hexachlorobutadiene	11.19	225	62953	39.964	ng	96
35) Caprolactam	11.84	113	3477	4.359	ng	# 77
36) 4-Chloro-3-methylphenol	12.15	107	94948	43.171	ng	94
37) 2-Methylnaphthalene	12.53	142	220388	52.568	ng	98
38) 1-Methylnaphthalene	12.75	142	209960	51.610	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	130244	43.768	ng	99

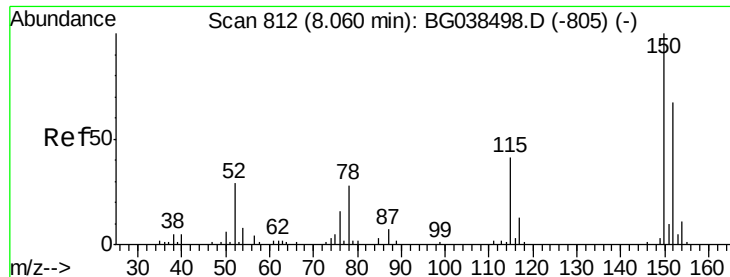
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	156297	95.601	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	88788	48.526	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	94741	48.905	ng	99
46) 1,1'-Biphenyl	13.53	154	292725	43.861	ng	100
47) 2-Chloronaphthalene	13.57	162	233509	45.296	ng	97
48) 2-Nitroaniline	13.79	65	82604	50.305	ng	93
49) Acenaphthylene	14.42	152	390223	50.633	ng	98
50) Dimethylphthalate	14.15	163	320298	49.267	ng	99
51) 2,6-Dinitrotoluene	14.28	165	72766	49.390	ng	97
52) Acenaphthene	14.76	154	223331	48.461	ng	100
53) 3-Nitroaniline	14.61	138	41824	27.848	ng	98
54) 2,4-Dinitrophenol	14.82	184	84462	95.292	ng	93
55) Dibenzofuran	15.10	168	375013	47.473	ng	99
56) 4-Nitrophenol	14.91	139	40603	35.637	ng	96
57) 2,4-Dinitrotoluene	15.07	165	102208	49.255	ng	99
58) Fluorene	15.74	166	301631	51.538	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	91979	52.773	ng	99
60) Diethylphthalate	15.50	149	328597	46.042	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	169534	46.427	ng	99
62) 4-Nitroaniline	15.78	138	70321	45.481	ng	97
63) Azobenzene	16.02	77	288148	48.330	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	64029	46.150	ng	96
66) n-Nitrosodiphenylamine	15.95	169	274716	48.073	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	113252	47.679	ng	99
68) Hexachlorobenzene	16.74	284	117419	47.687	ng	97
69) Atrazine	16.89	200	109616	51.687	ng	96
70) Pentachlorophenol	17.09	266	125537	86.197	ng	98
71) Phenanthrene	17.49	178	519093	51.468	ng	98
72) Anthracene	17.58	178	527464	52.976	ng	99
73) Carbazole	17.85	167	462251	46.943	ng	99
74) Di-n-butylphthalate	18.38	149	553084	48.950	ng	99
75) Fluoranthene	19.49	202	624784	50.068	ng	98
77) Benzidine	19.68	184	289576	52.777	ng	99
78) Pyrene	19.86	202	623655	50.884	ng	100
80) Butylbenzylphthalate	20.73	149	246692	51.518	ng	98
81) Benzo(a)anthracene	21.70	228	599038	52.988	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	137957	30.769	ng	98
83) Chrysene	21.77	228	556352	51.093	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	342237	50.393	ng	99
85) Di-n-octyl phthalate	22.80	149	585685	51.494	ng	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	694190	54.226	ng	# 75
88) Benzo(b)fluoranthene	23.96	252	595503	53.578	ng	100
89) Benzo(k)fluoranthene	24.03	252	580385	52.439	ng	97
90) Benzo(a)pyrene	24.86	252	575229	53.646	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	578989	54.231	ng	98
92) Benzo(g,h,i)perylene	30.00	276	575701	54.716	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

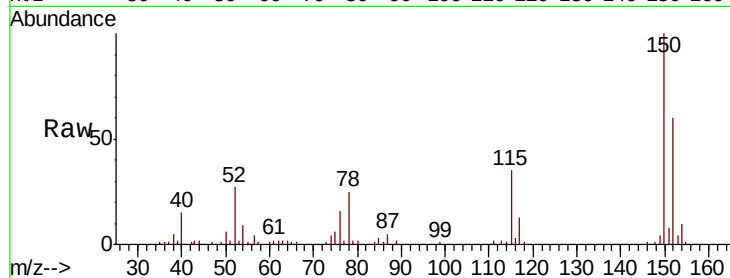
Tgt Ion:152 Resp: 29129

Ion Ratio Lower Upper

152 100

150 165.7 119.5 179.3

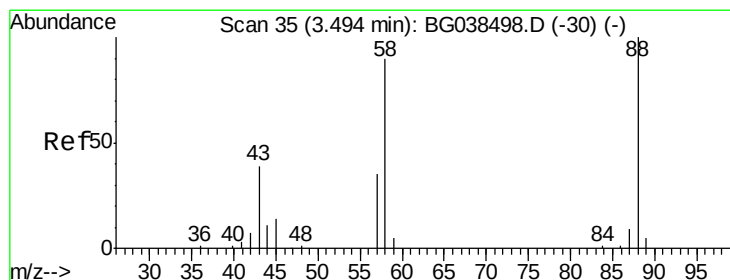
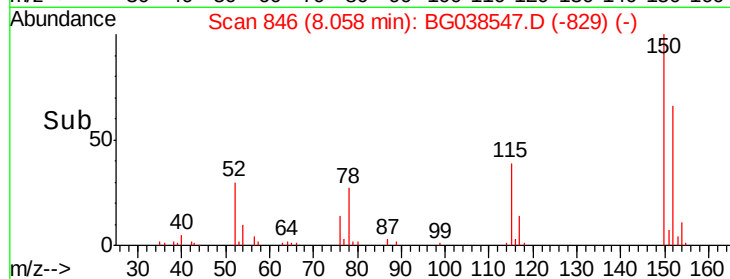
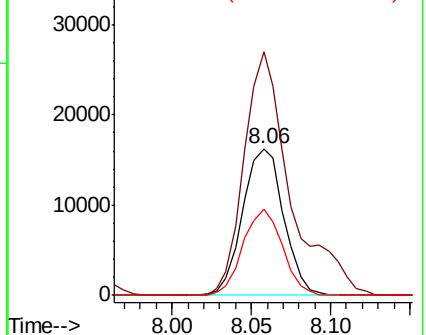
115 58.6 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.858 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

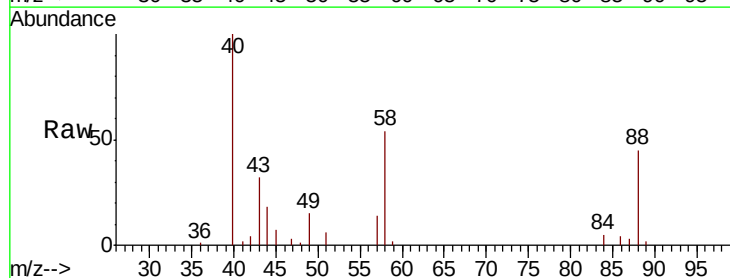
Tgt Ion: 88 Resp: 9828

Ion Ratio Lower Upper

88 100

58 108.8 75.7 113.5

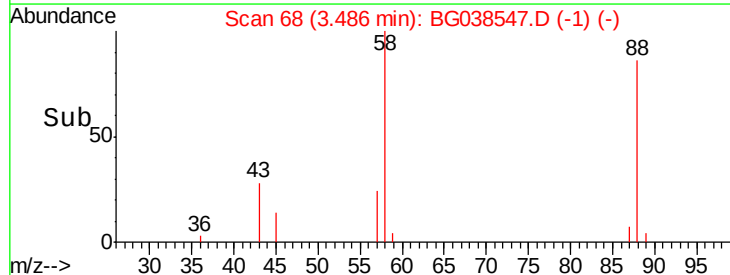
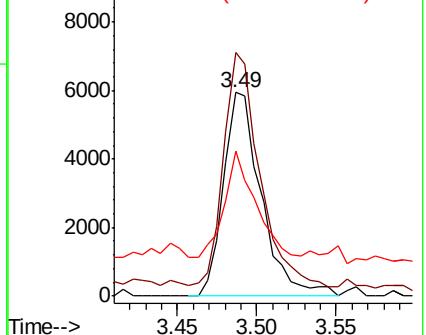
43 42.6 31.6 47.4

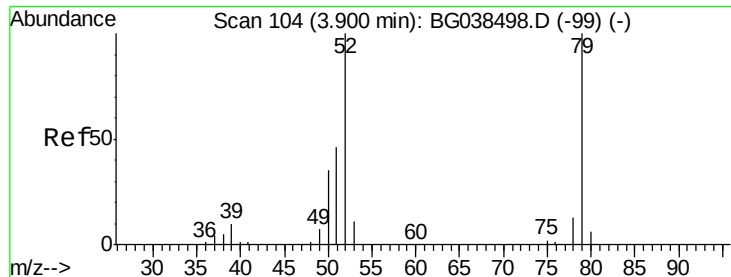


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 10.374 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

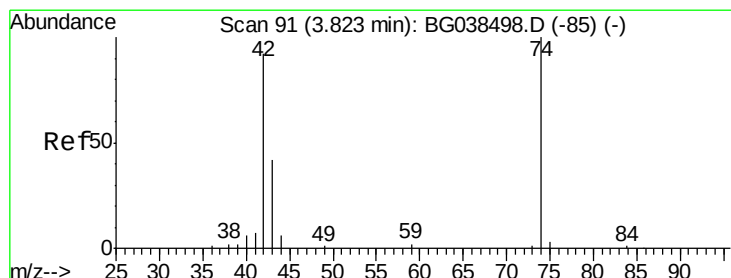
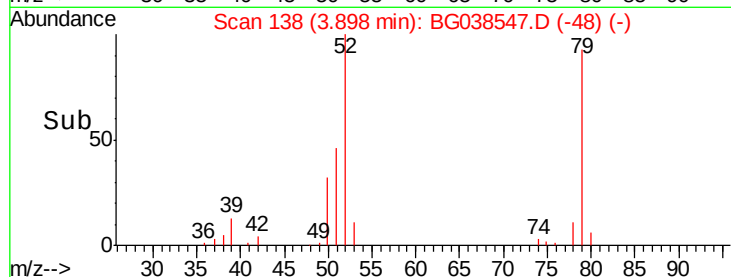
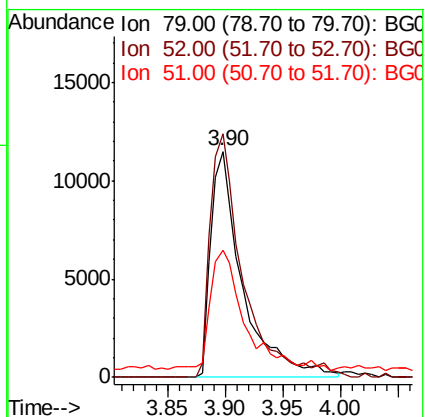
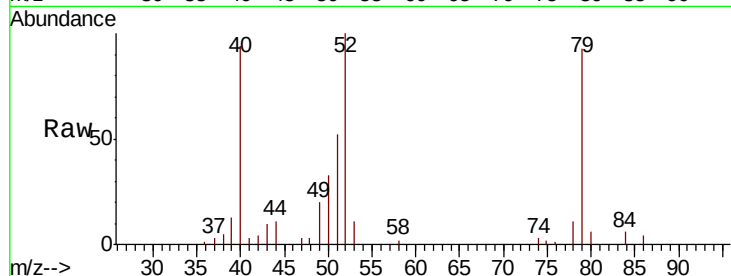
Tgt Ion: 79 Resp: 21831

Ion Ratio Lower Upper

79 100

52 107.6 80.2 120.2

51 55.9 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 18.744 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

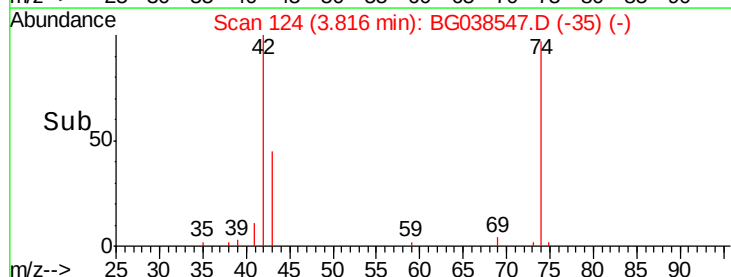
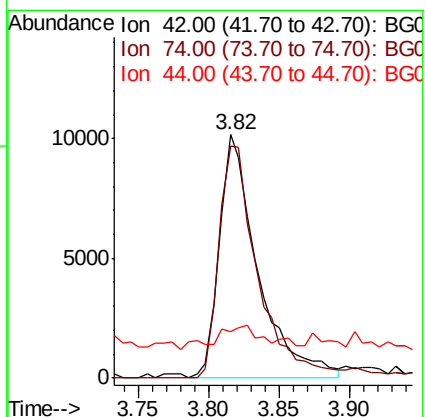
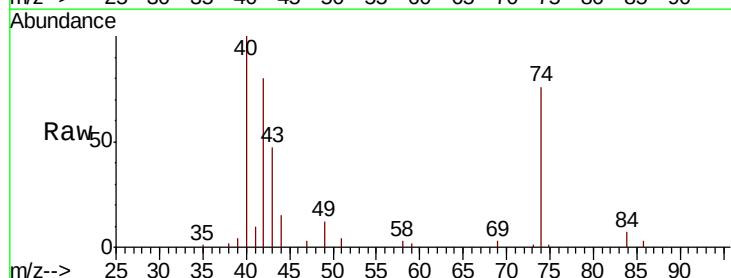
Tgt Ion: 42 Resp: 19328

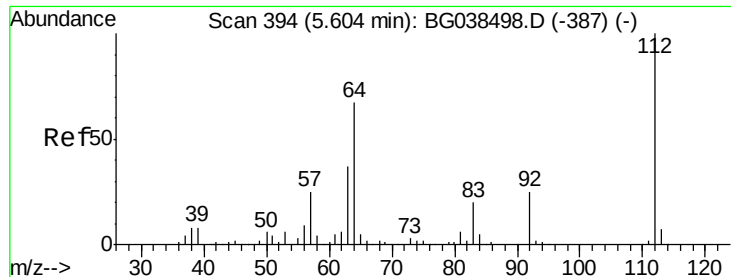
Ion Ratio Lower Upper

42 100

74 95.4 86.7 130.1

44 19.1 7.8 11.8#





#5

2-Fluorophenol

Concen: 47.409 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

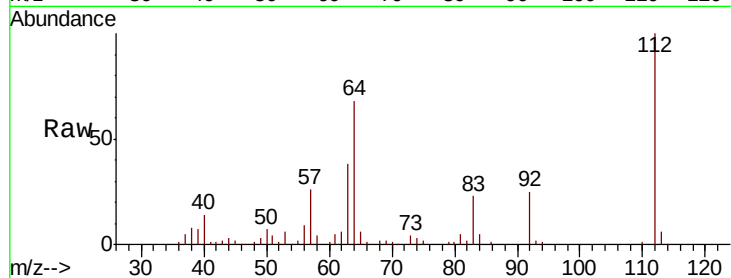
Tgt Ion: 112 Resp: 77861

Ion Ratio Lower Upper

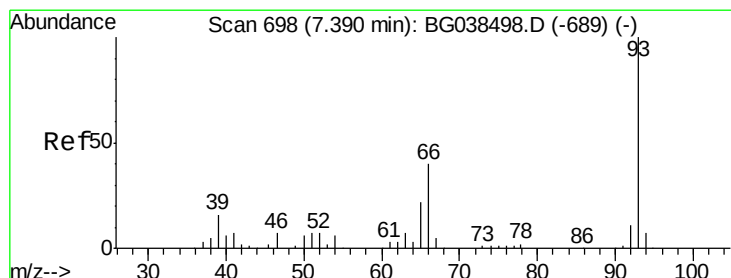
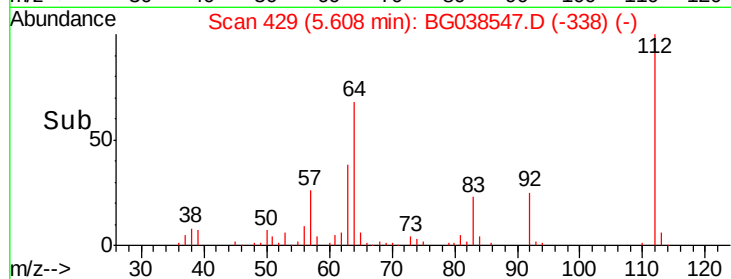
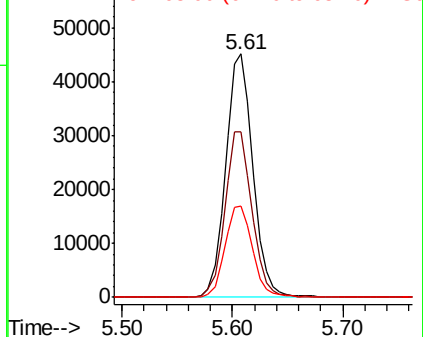
112 100

64 67.7 53.4 80.2

63 37.6 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.155 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

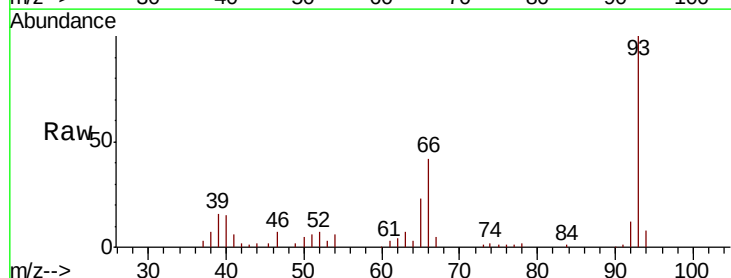
Tgt Ion: 93 Resp: 66643

Ion Ratio Lower Upper

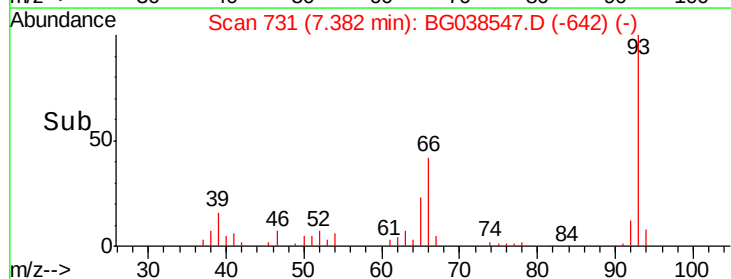
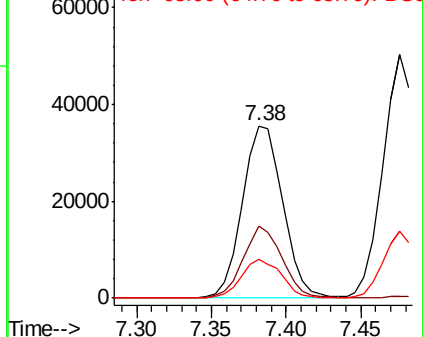
93 100

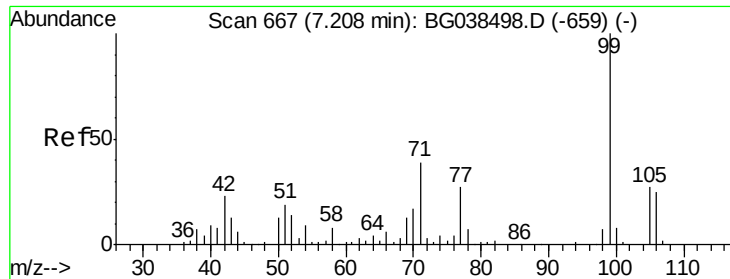
66 41.7 31.7 47.5

65 22.7 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 30.474 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

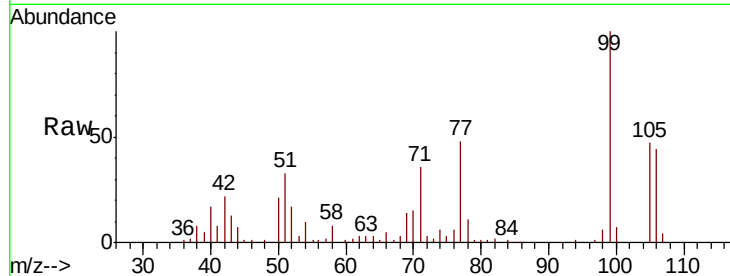
Tgt Ion: 99 Resp: 68707

Ion Ratio Lower Upper

99 100

42 22.5 18.5 27.7

71 36.1 31.1 46.7

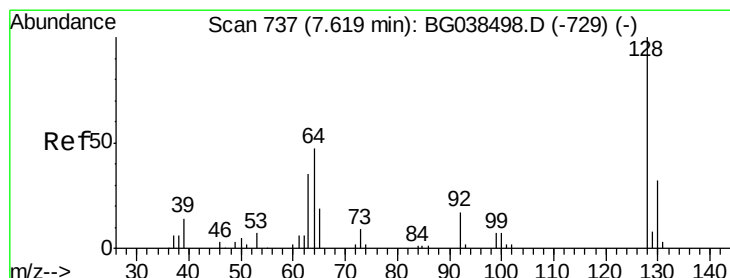
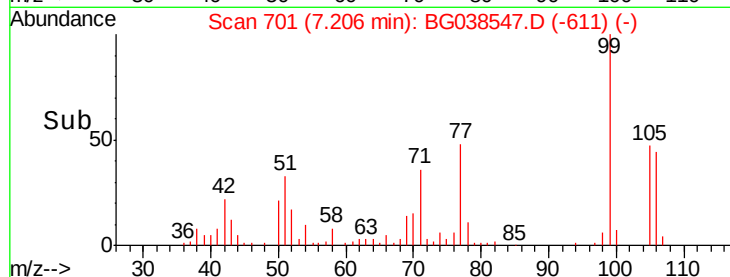
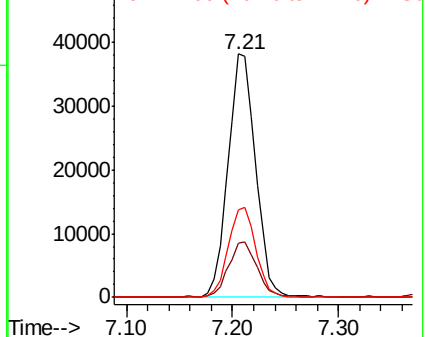


Abundance

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: 39.381 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

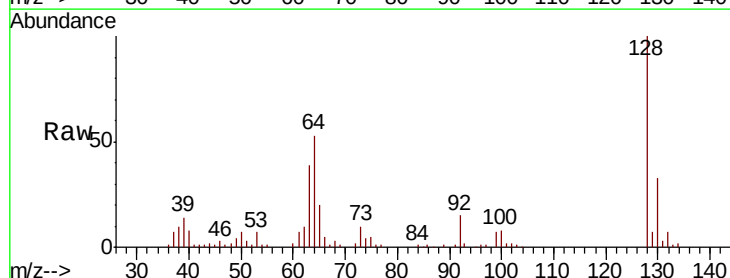
Tgt Ion: 128 Resp: 74846

Ion Ratio Lower Upper

128 100

130 32.9 11.8 51.8

64 52.8 33.2 73.2

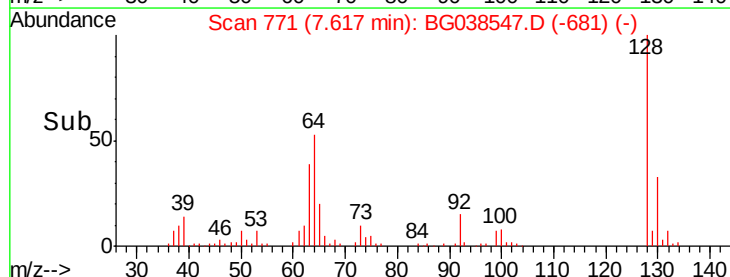
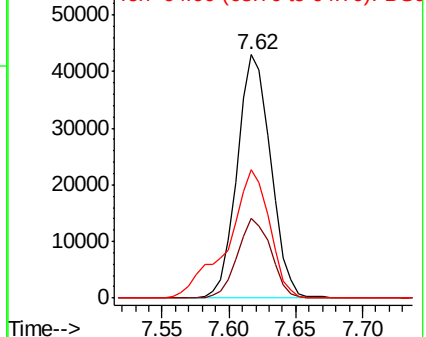


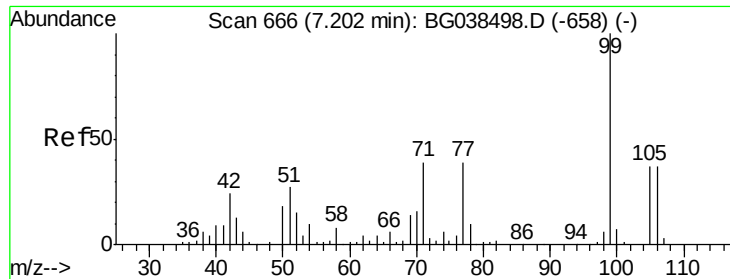
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.105 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

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ClientSampleId :

P001-TW001-01MSD

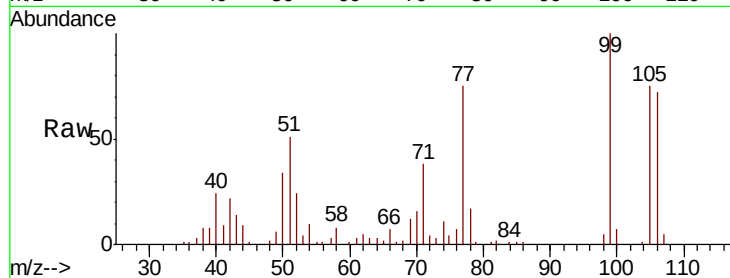
Tgt Ion: 77 Resp: 38181

Ion Ratio Lower Upper

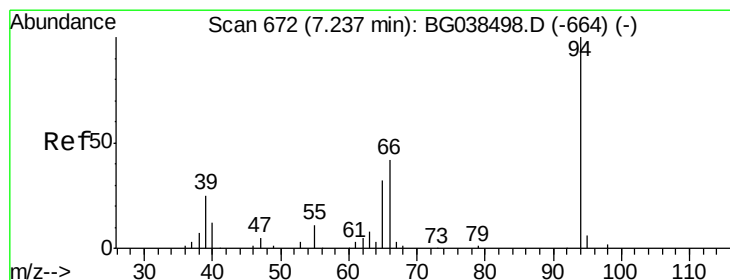
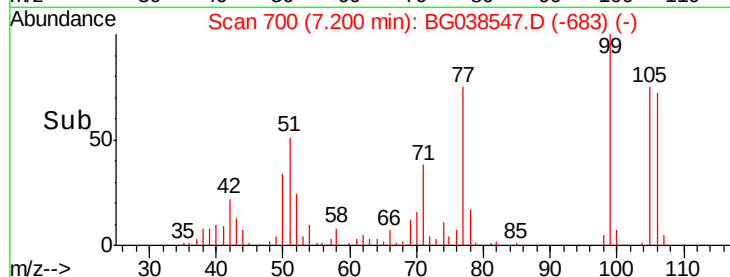
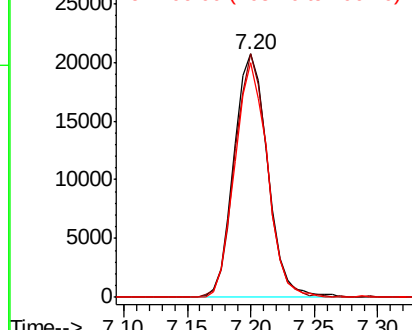
77 100

105 100.2 74.0 114.0

106 96.7 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: 16.190 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

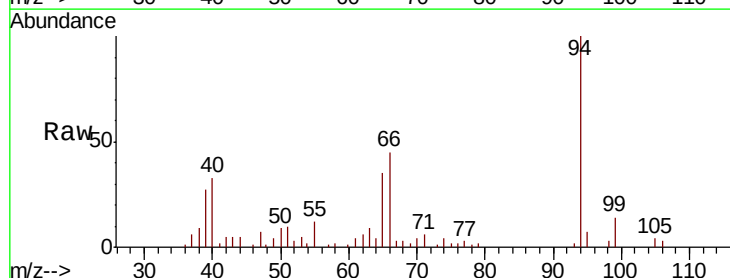
Tgt Ion: 94 Resp: 38779

Ion Ratio Lower Upper

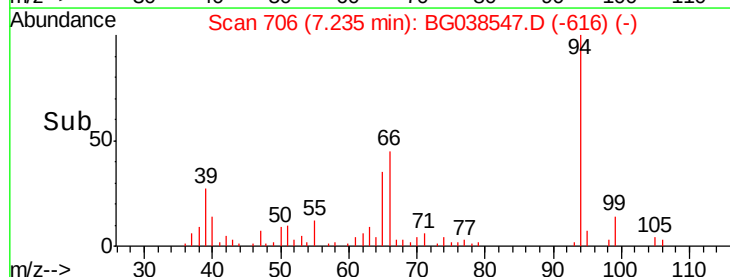
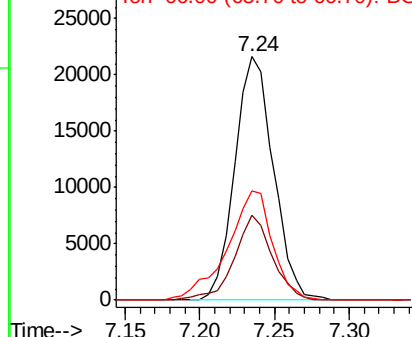
94 100

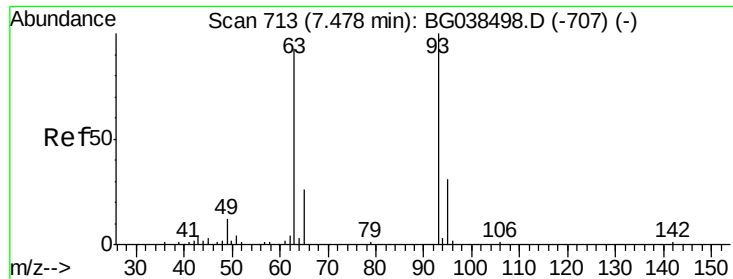
65 35.0 12.6 52.6

66 44.7 24.1 64.1



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

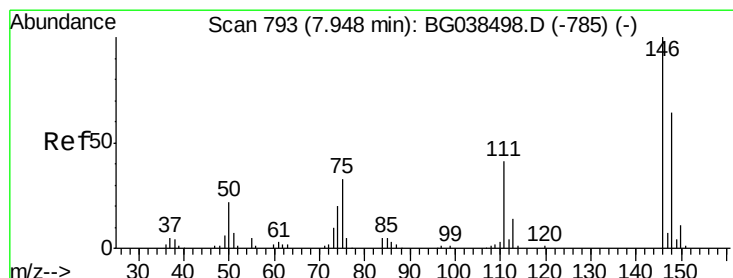
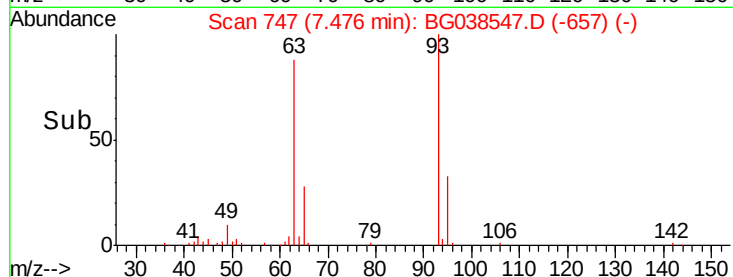
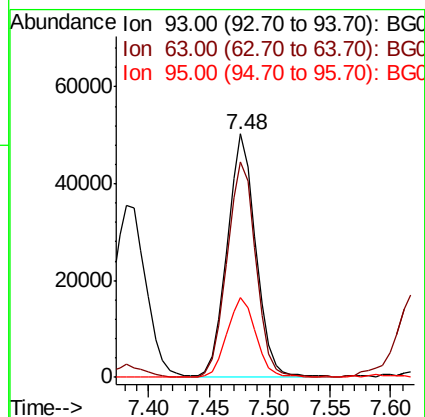
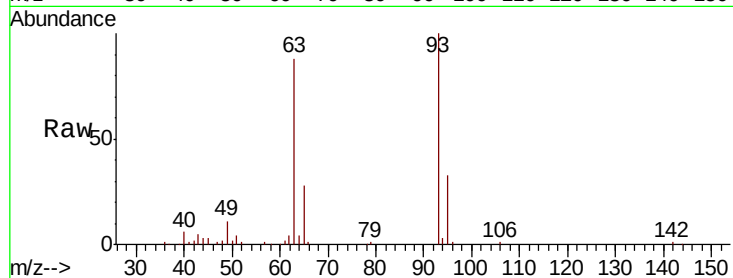




#11
 bis(2-Chloroethyl)ether
 Concen: 43.462 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

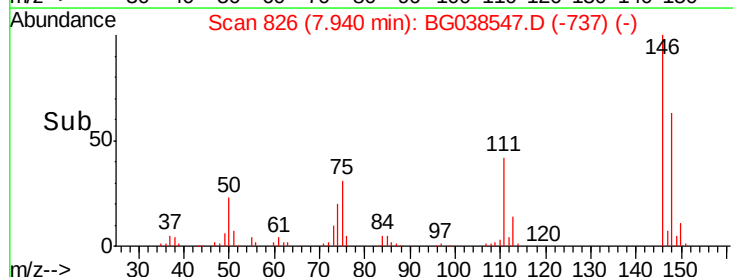
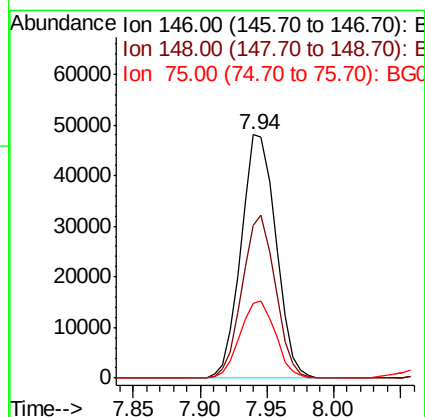
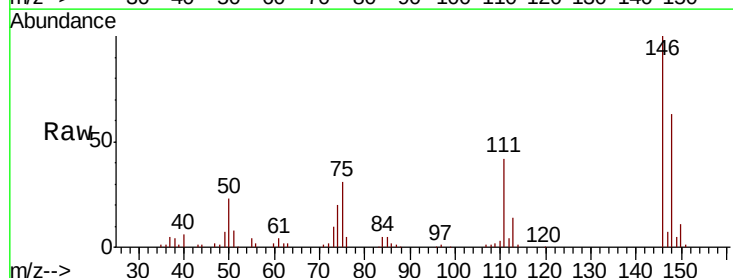
Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

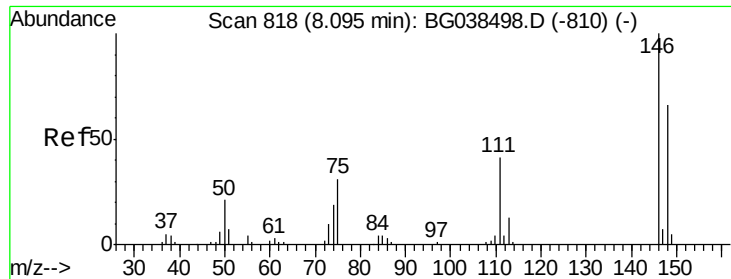
Tgt Ion: 93 Resp: 82883
 Ion Ratio Lower Upper
 93 100
 63 88.4 72.2 112.2
 95 32.9 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.574 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion: 146 Resp: 86682
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.0
 75 30.6 26.1 39.1

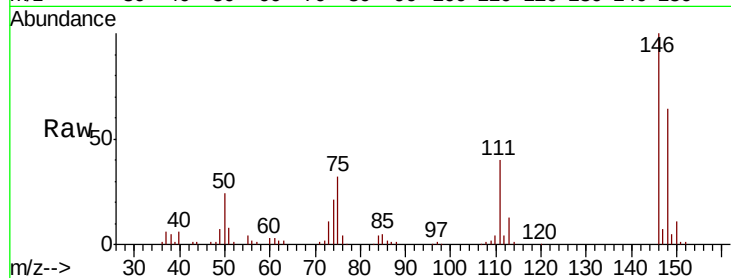




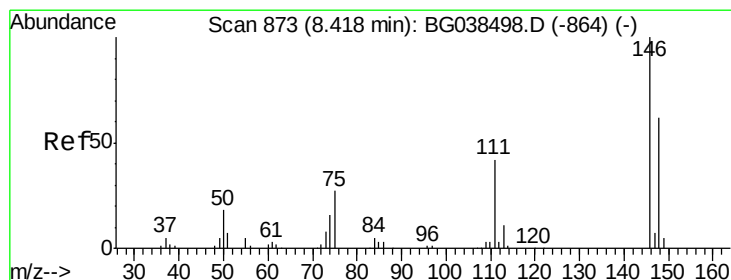
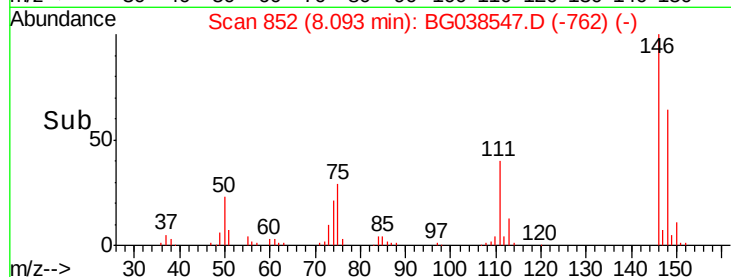
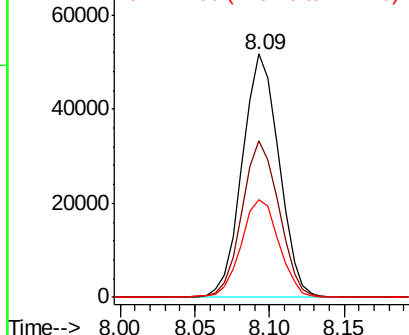
#13
 1,4-Dichlorobenzene
 Concen: 38.279 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion:146 Resp: 88097
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.4 78.6
 111 40.1 33.0 49.4

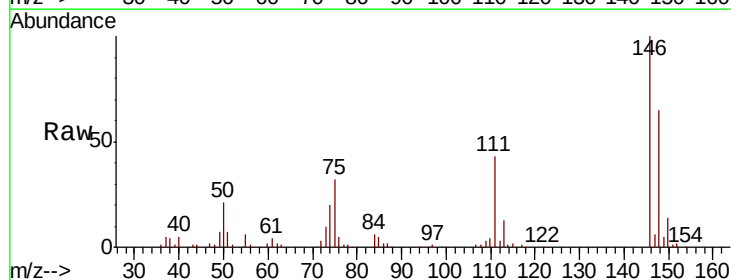


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

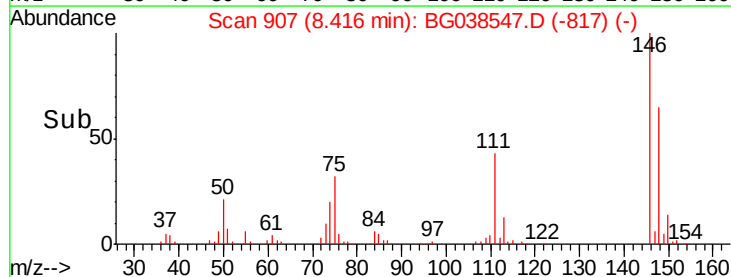
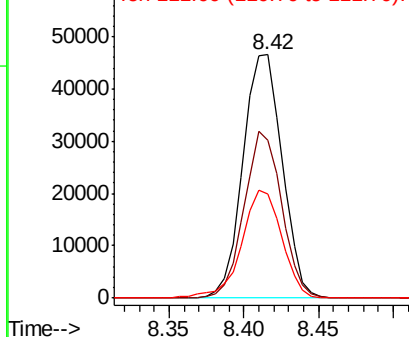


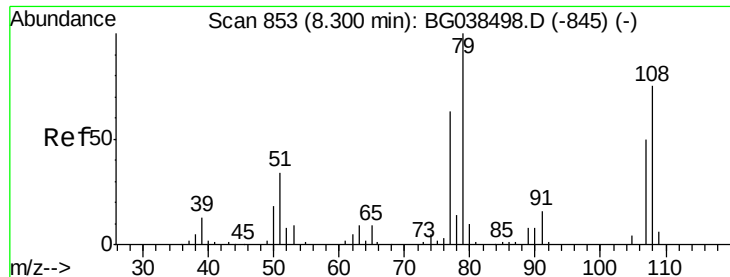
#14
 1,2-Dichlorobenzene
 Concen: 38.965 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion:146 Resp: 84543
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.4 74.0
 111 42.8 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

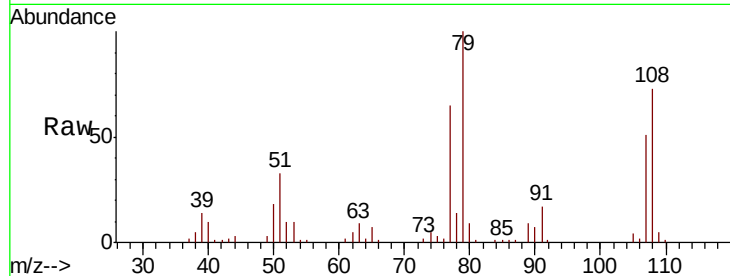




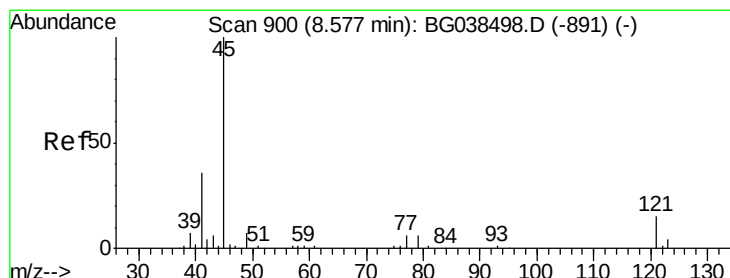
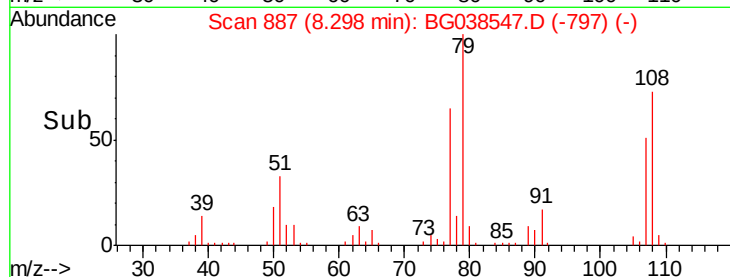
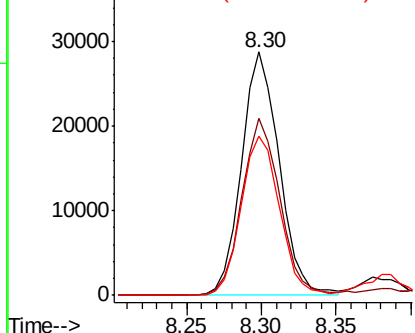
#15
Benzyl Alcohol
Concen: 28.590 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion: 79 Resp: 50312
Ion Ratio Lower Upper
79 100
108 72.9 60.2 90.4
77 65.3 50.7 76.1

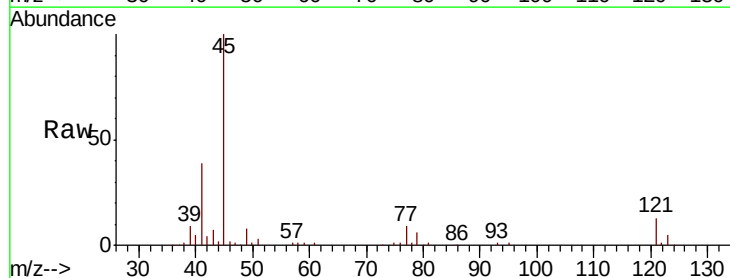


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

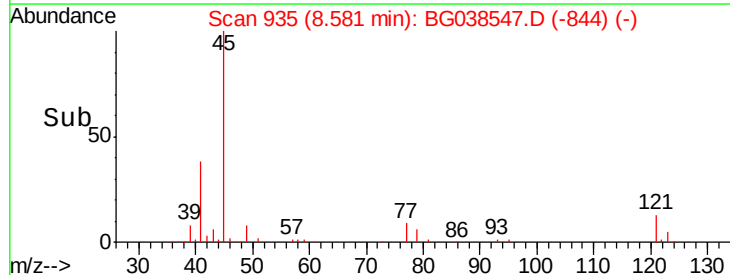
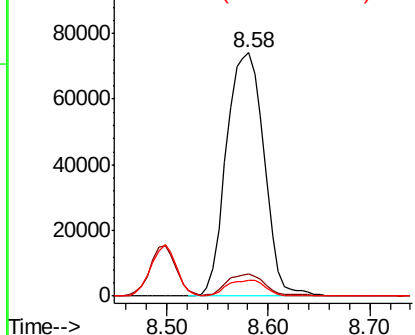


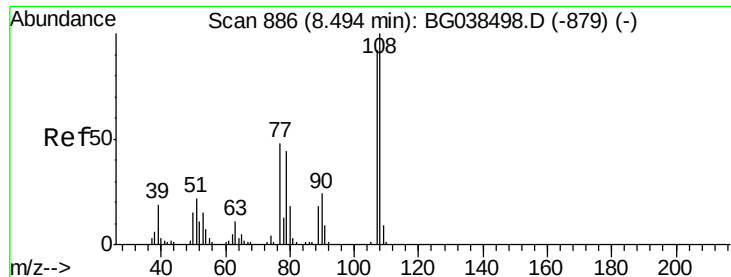
#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.632 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion: 45 Resp: 190607
Ion Ratio Lower Upper
45 100
77 9.2 0.0 28.2
79 6.4 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

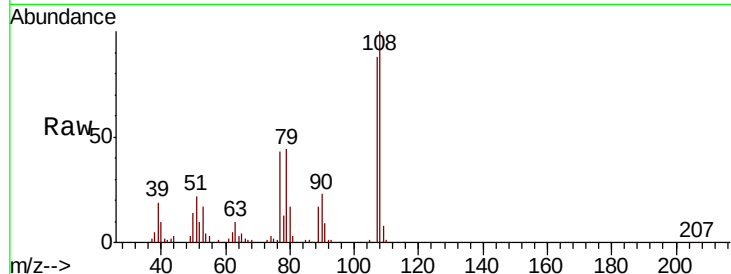




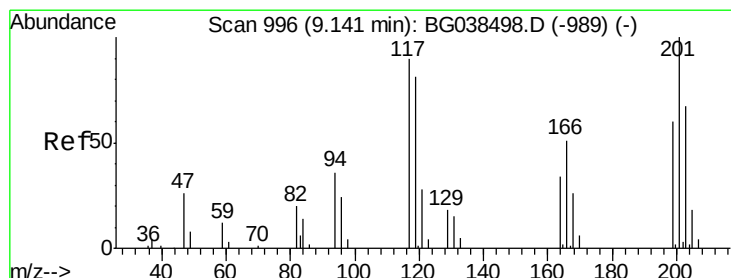
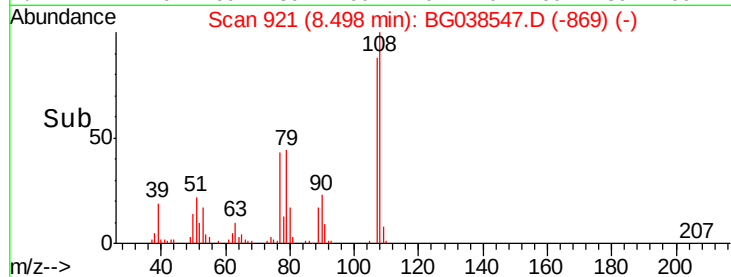
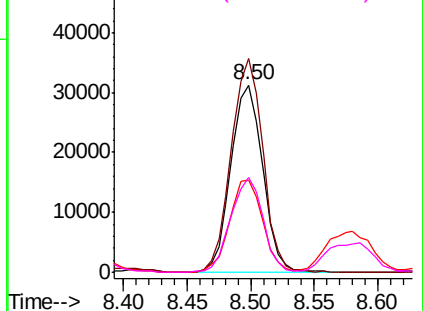
#17
2-Methylphenol
Concen: 33.736 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion:107 Resp: 54139
Ion Ratio Lower Upper
107 100
108 114.2 87.1 130.7
77 49.6 42.0 63.0
79 50.4 38.2 57.2

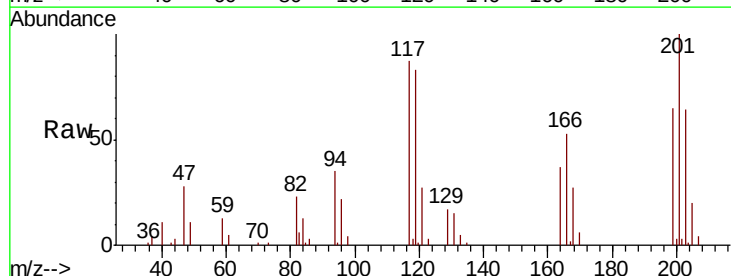


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

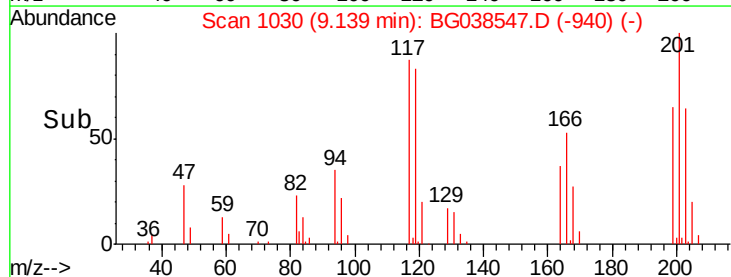
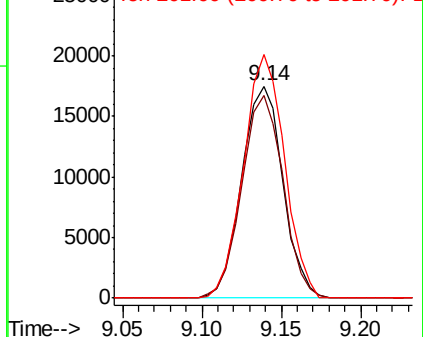


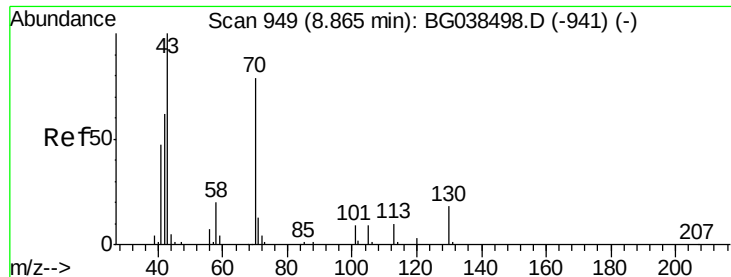
#18
Hexachloroethane
Concen: 37.684 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:117 Resp: 31692
Ion Ratio Lower Upper
117 100
119 96.0 73.8 110.8
201 118.0 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

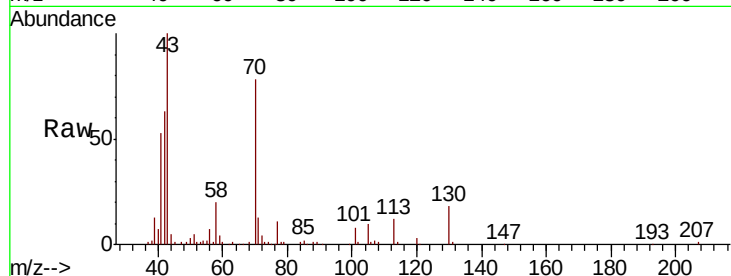




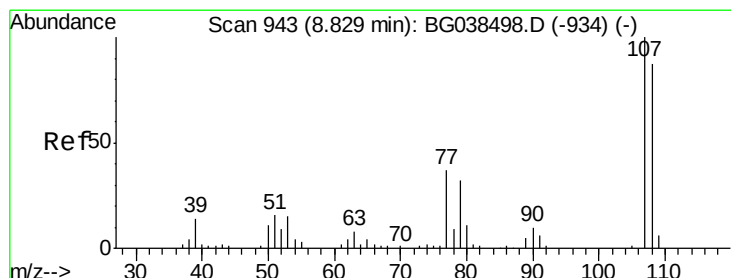
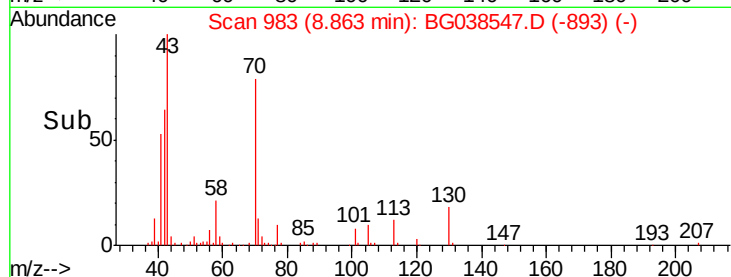
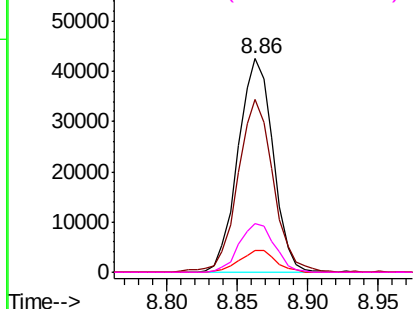
#19
n-Nitroso-di-n-propylamine
Concen: 46.486 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion:	70	Resp:	73610
Ion	Ratio	Lower	Upper
70	100		
42	81.2	63.6	95.4
101	10.1	9.2	13.8
130	22.8	18.5	27.7

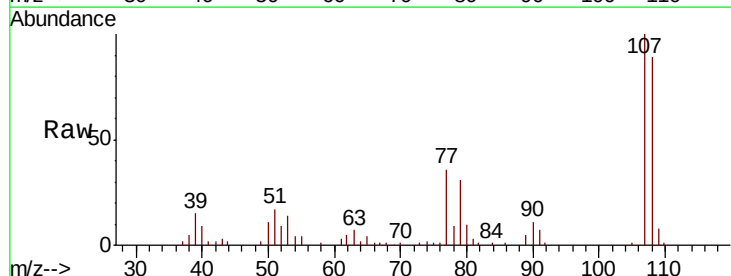


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

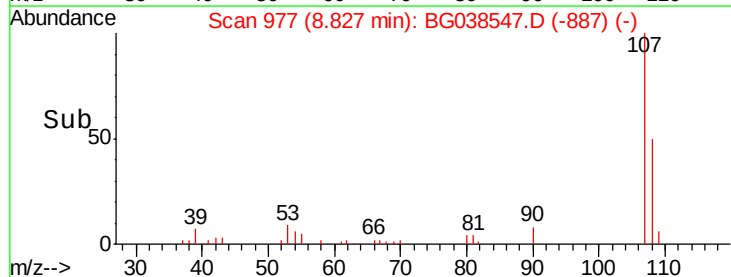
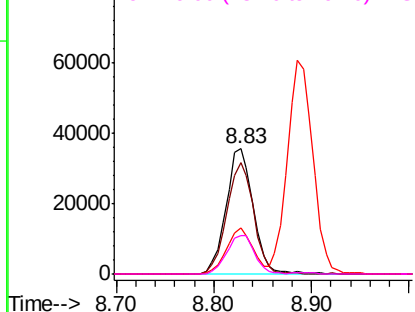


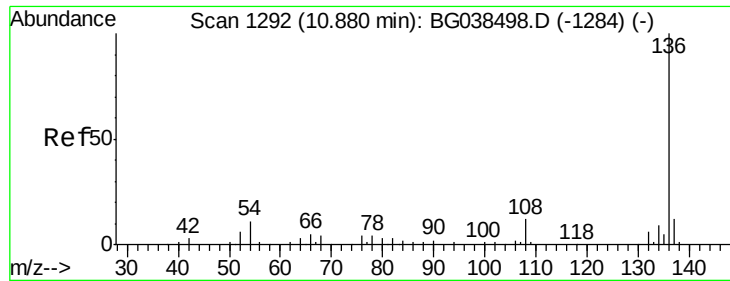
#20
3+4-Methylphenols
Concen: 31.020 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:	107	Resp:	68749
Ion	Ratio	Lower	Upper
107	100		
108	88.5	66.7	106.7
77	36.5	17.3	57.3
79	30.5	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

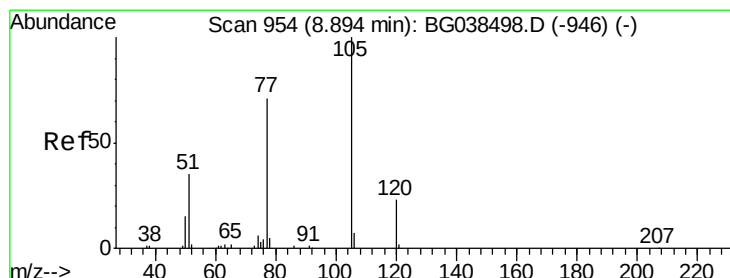
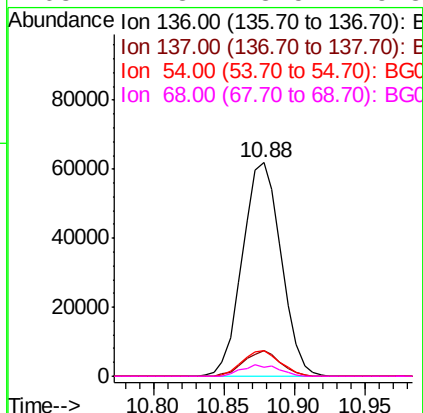
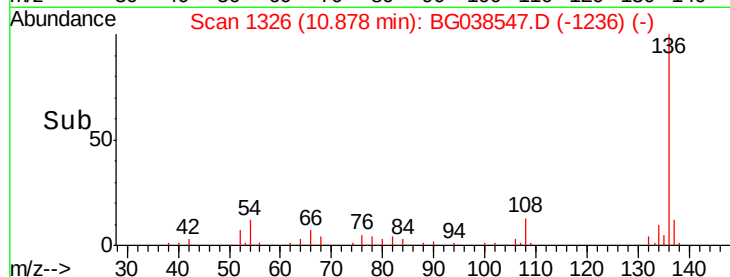
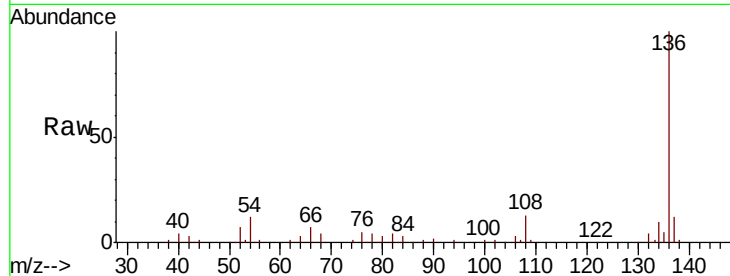




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

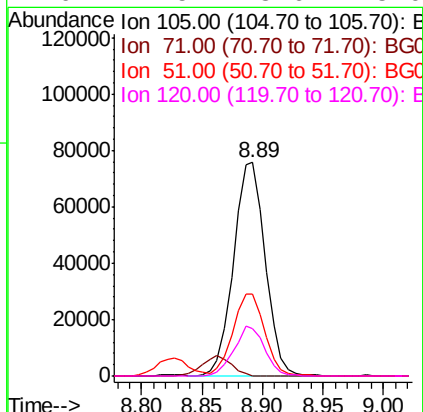
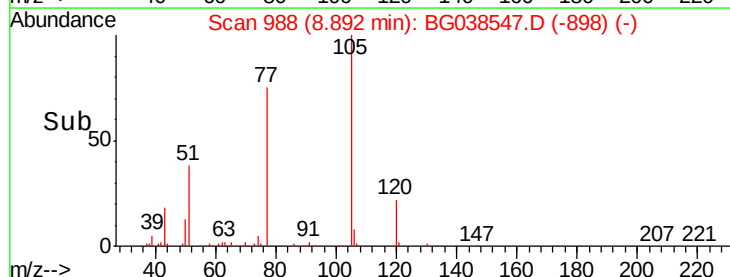
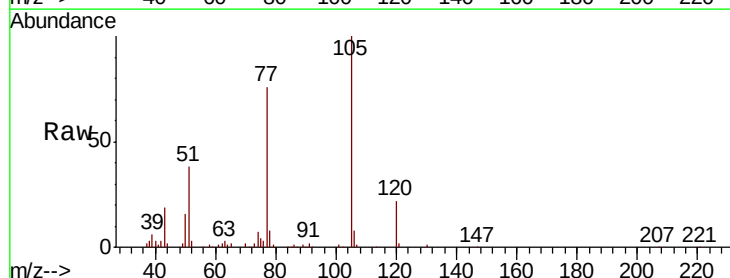
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

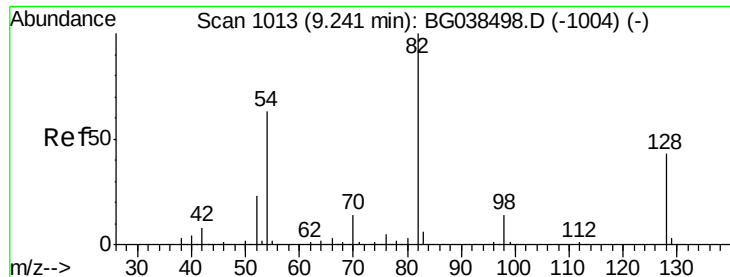
Tgt Ion:	136	Resp:	119270
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	11.8	8.5	12.7
68	4.3	3.5	5.3



#22
Acetophenone
Concen: 46.549 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:	105	Resp:	138674
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.4	0.6#
51	38.5	30.6	46.0
120	22.5	18.6	28.0

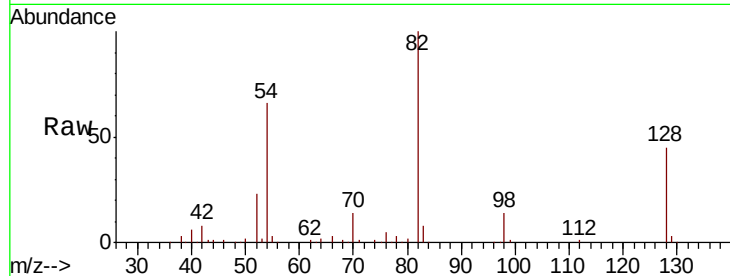




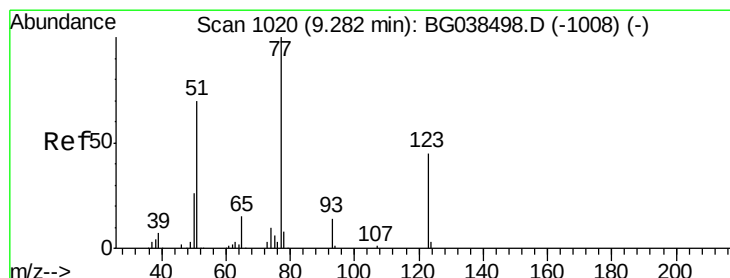
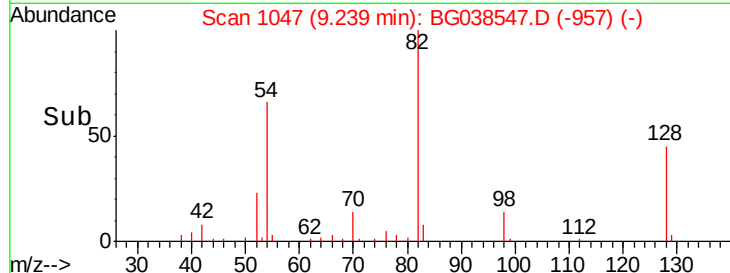
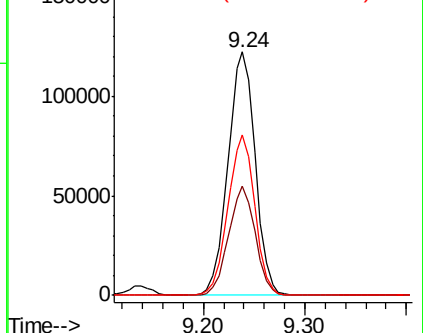
#23
 Nitrobenzene-d5
 Concen: 97.251 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion: 82 Resp: 227046
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 66.1 50.6 76.0

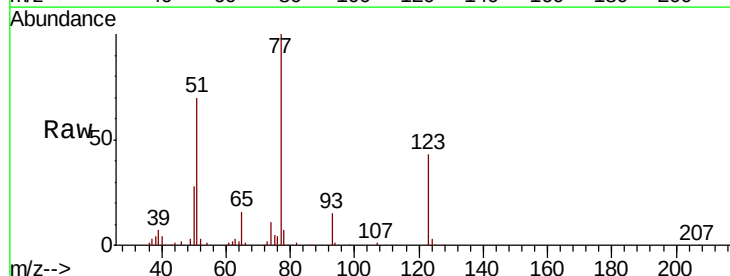


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

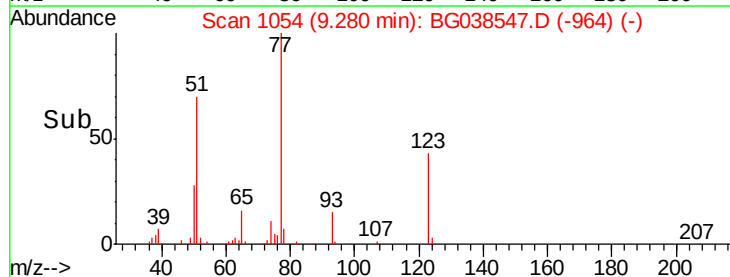
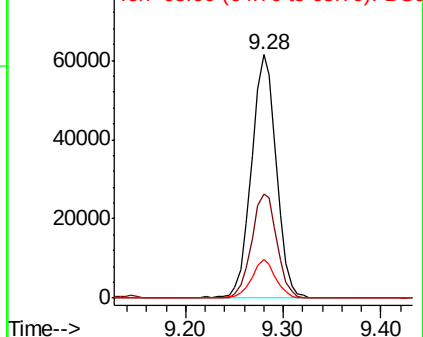


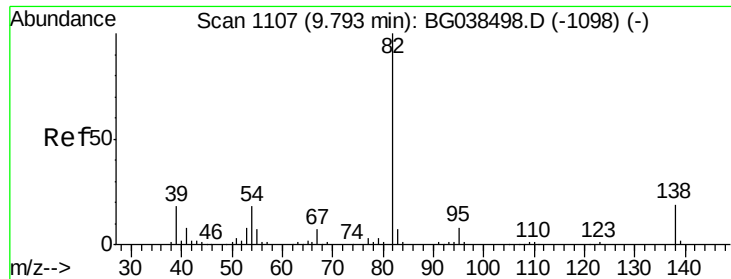
#24
 Nitrobenzene
 Concen: 46.721 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion: 77 Resp: 110345
 Ion Ratio Lower Upper
 77 100
 123 42.5 35.9 53.9
 65 16.1 12.0 18.0



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

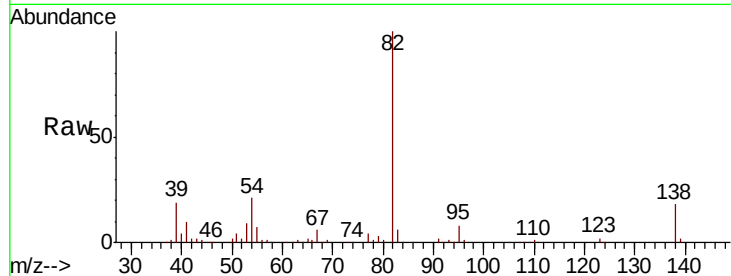




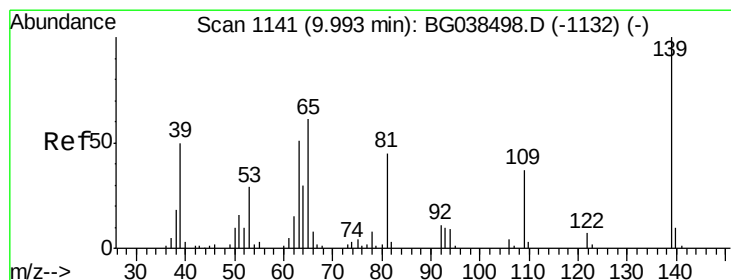
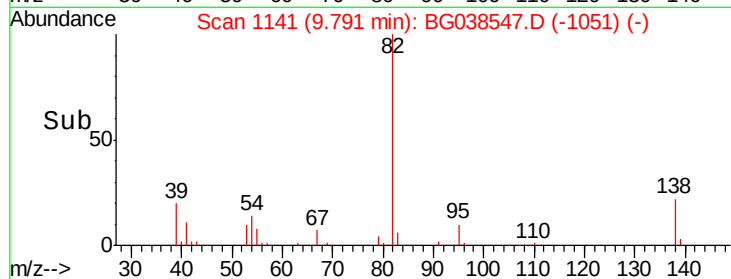
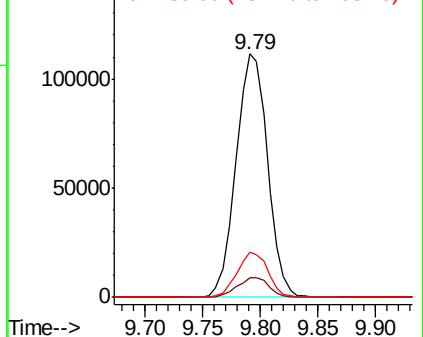
#25
Isophorone
Concen: 50.207 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion: 82 Resp: 210603
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 18.5 14.9 22.3

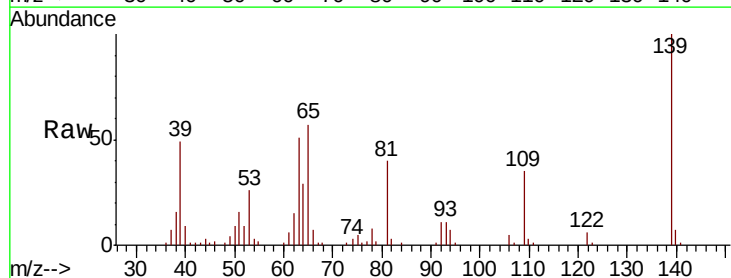


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

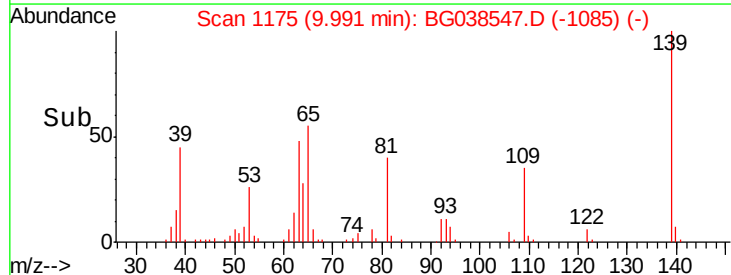
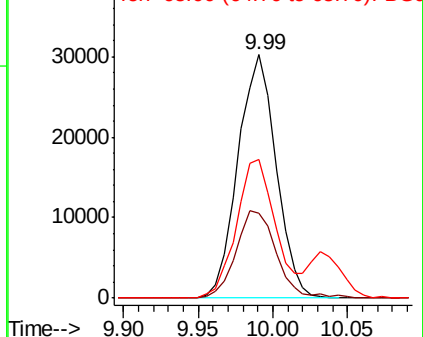


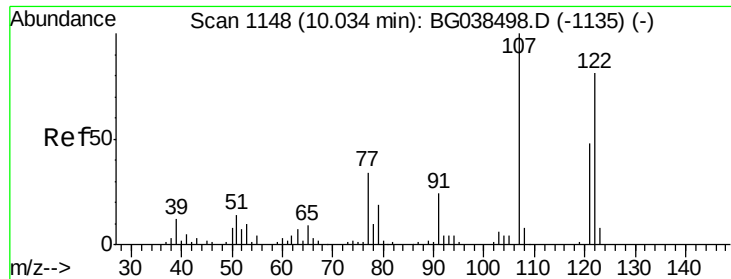
#26
2-Nitrophenol
Concen: 44.413 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion: 139 Resp: 53687
Ion Ratio Lower Upper
139 100
109 35.1 29.5 44.3
65 56.7 48.5 72.7



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

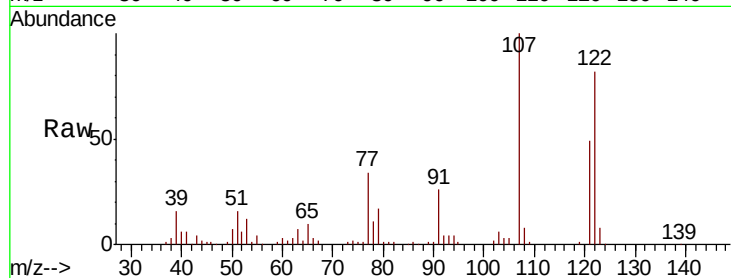




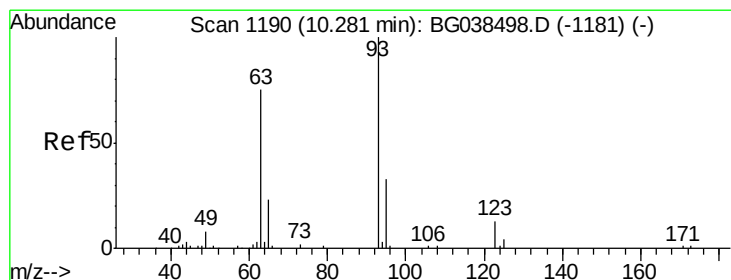
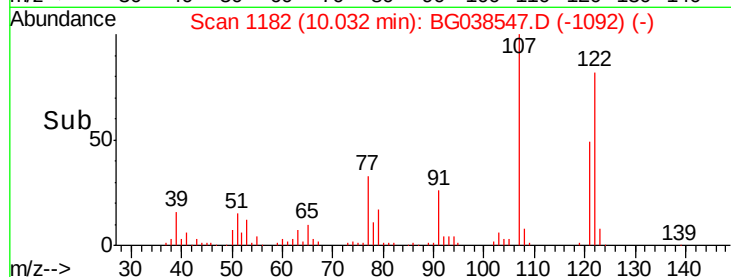
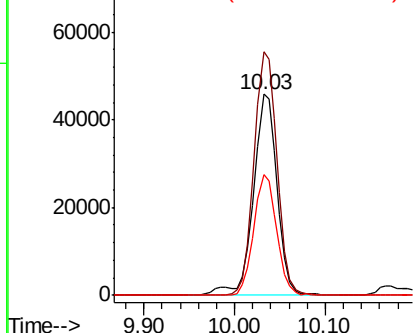
#27
 2,4-Dimethylphenol
 Concen: 47.966 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion:122 Resp: 83097
 Ion Ratio Lower Upper
 122 100
 107 121.2 98.4 147.6
 121 59.9 47.2 70.8

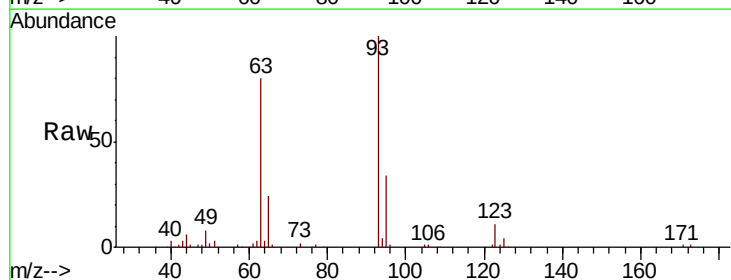


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

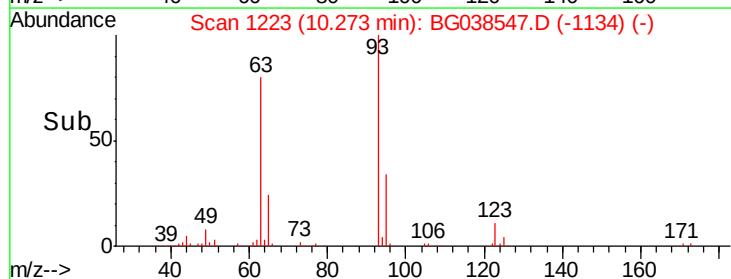
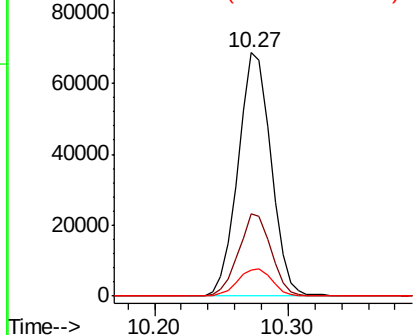


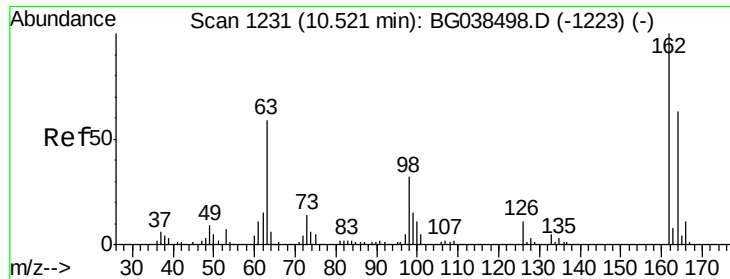
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.619 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion: 93 Resp: 117457
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 40.0
 123 10.8 10.6 16.0



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





#29

2,4-Dichlorophenol

Concen: 49.532 ng

RT: 10.52 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

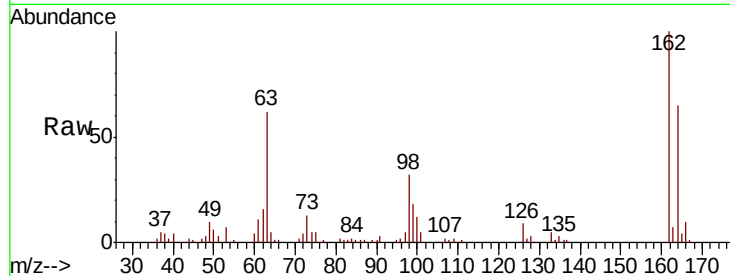
Tgt Ion:162 Resp: 95462

Ion Ratio Lower Upper

162 100

164 64.5 42.9 82.9

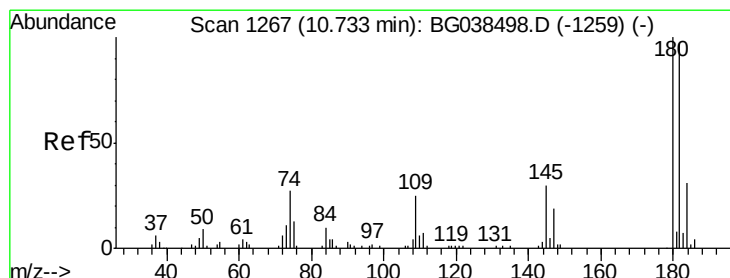
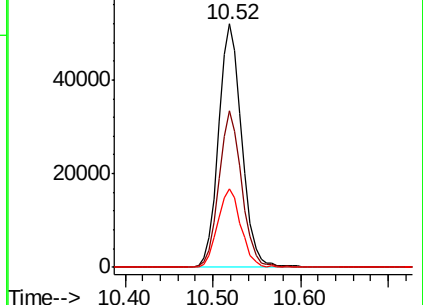
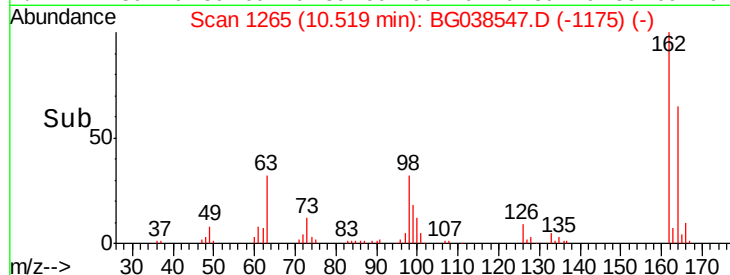
98 32.0 12.1 52.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.190 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

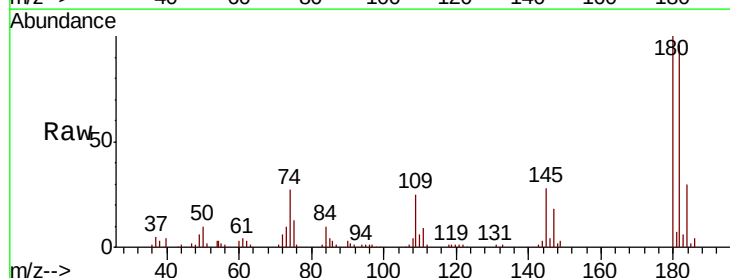
Tgt Ion:180 Resp: 98219

Ion Ratio Lower Upper

180 100

182 96.2 77.4 116.0

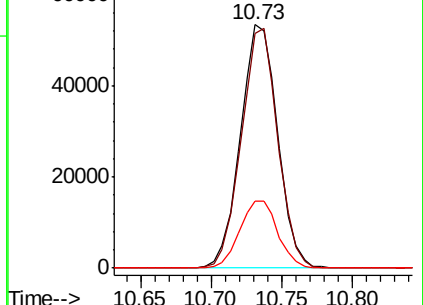
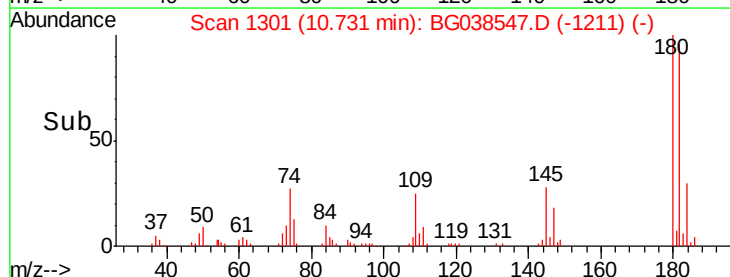
145 27.7 24.1 36.1

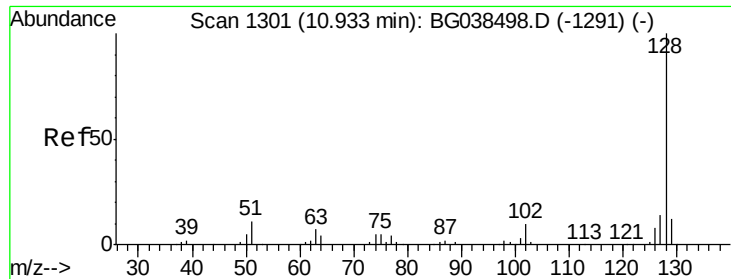


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

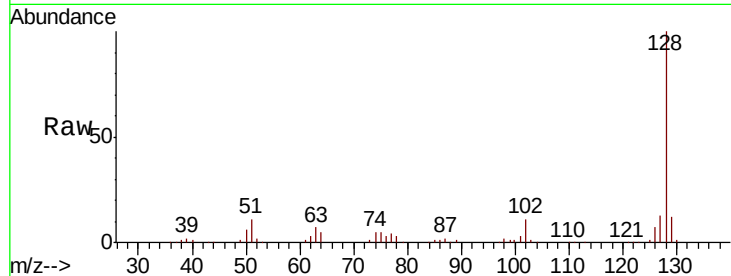




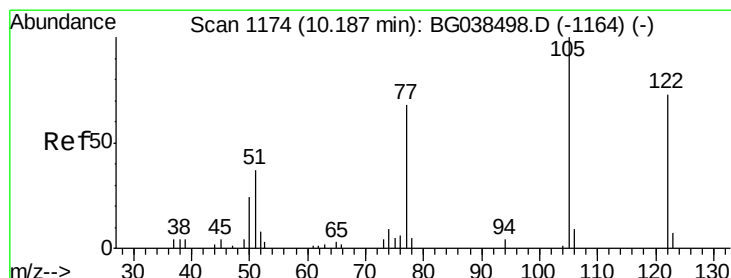
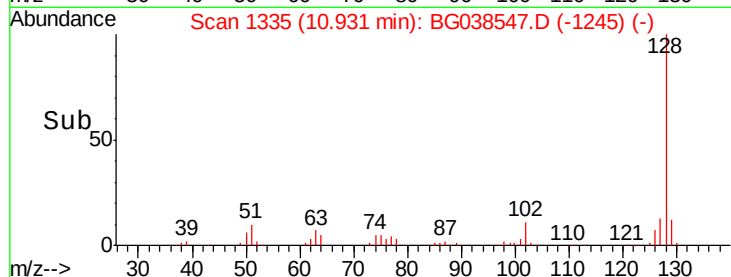
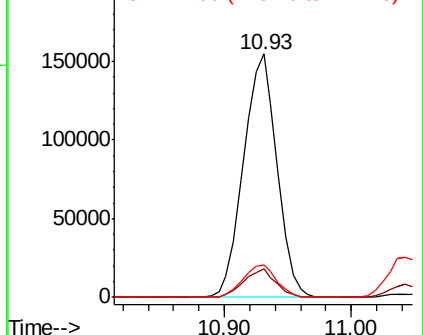
#31
Naphthalene
Concen: 48.127 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion:128 Resp: 282819
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.4 10.9 16.3

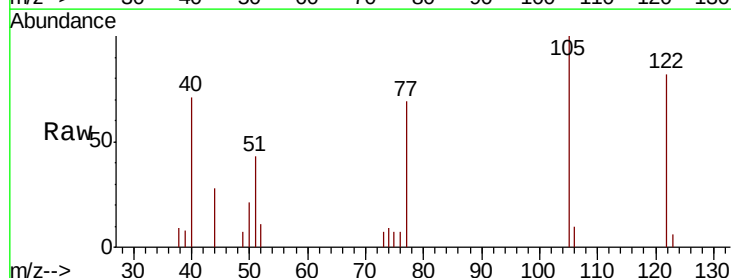


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

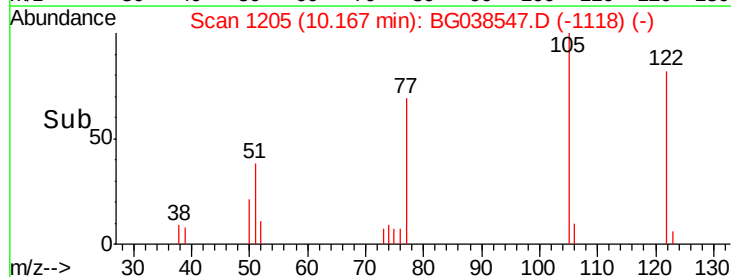
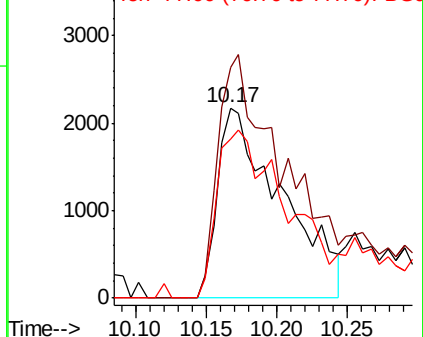


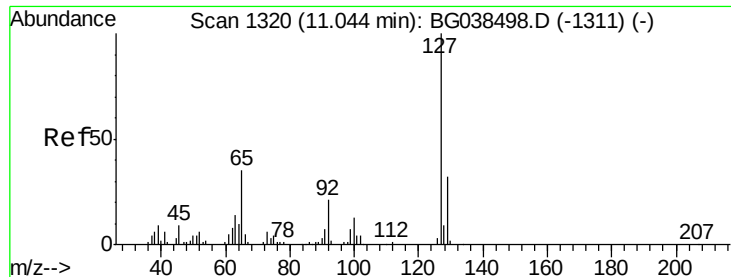
#32
Benzoic acid
Concen: 15.101 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:122 Resp: 6892
Ion Ratio Lower Upper
122 100
105 121.3 116.7 156.7
77 83.6 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): BGO

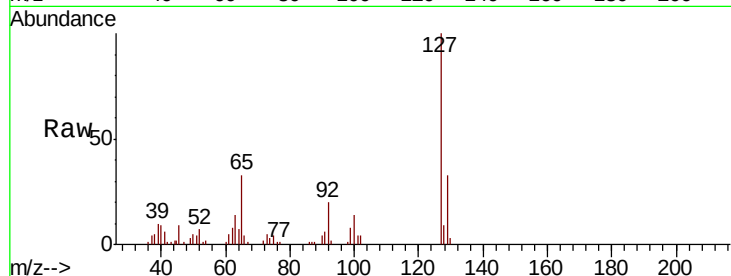




#33
4-Chloroaniline
Concen: 20.187 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion:	127	Resp:	51503
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.8	38.8
65	33.1	27.8	41.6
92	20.2	17.0	25.6



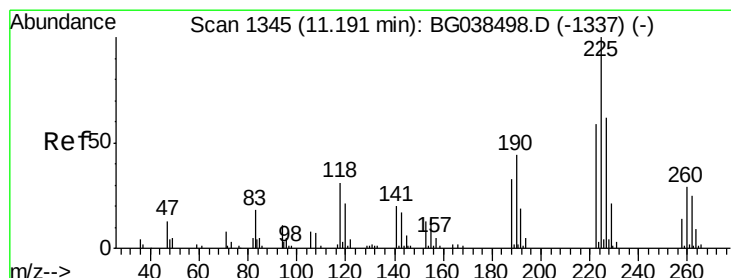
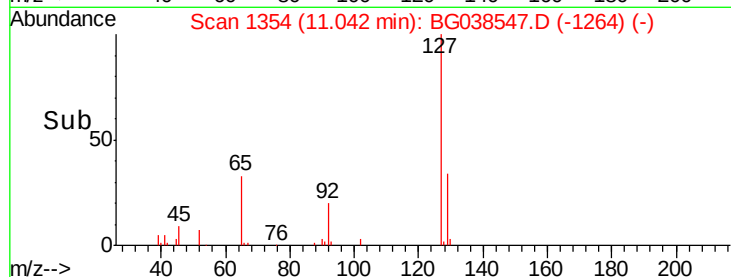
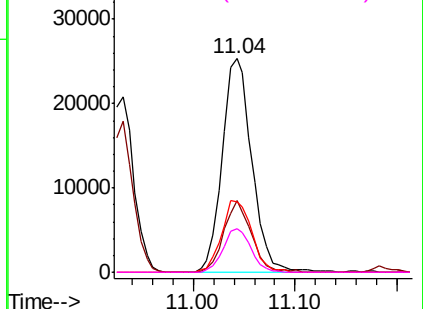
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

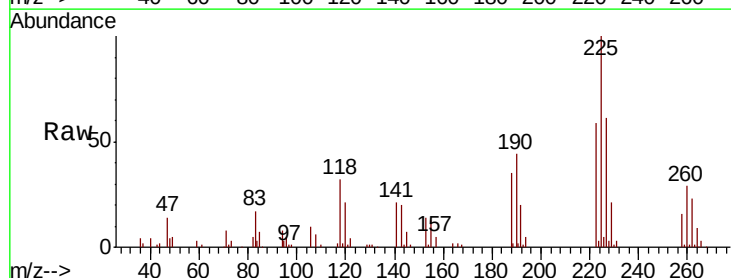
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.964 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:	225	Resp:	62953
Ion	Ratio	Lower	Upper
225	100		
223	59.5	45.0	67.6
227	60.8	50.6	75.8

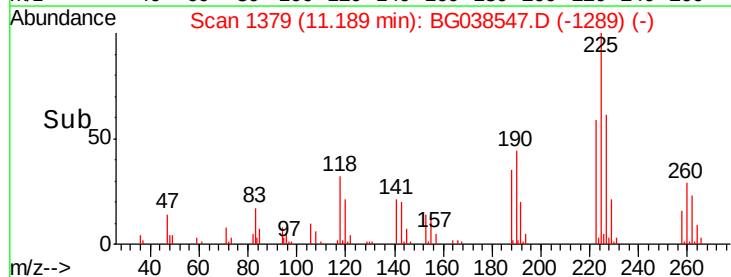
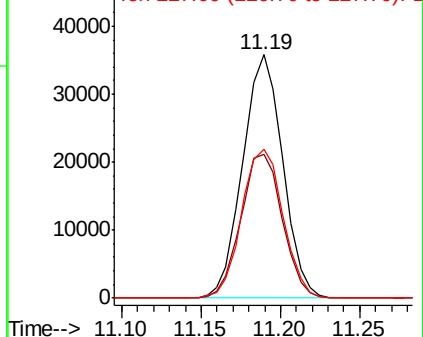


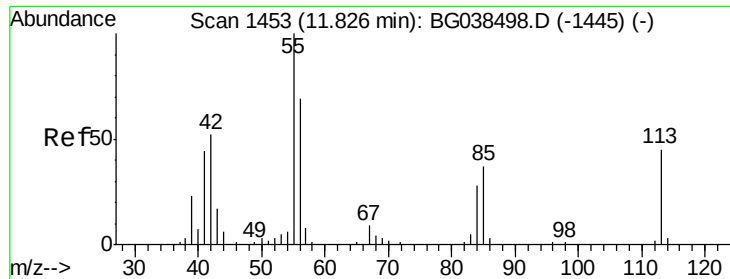
Abundance

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: 4.359 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.02 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

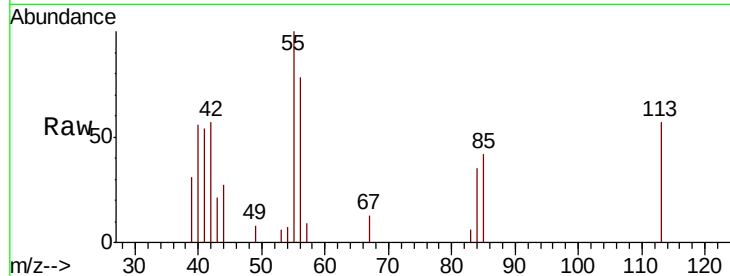
Tgt Ion:113 Resp: 3477

Ion Ratio Lower Upper

113 100

55 176.7 204.3 244.3#

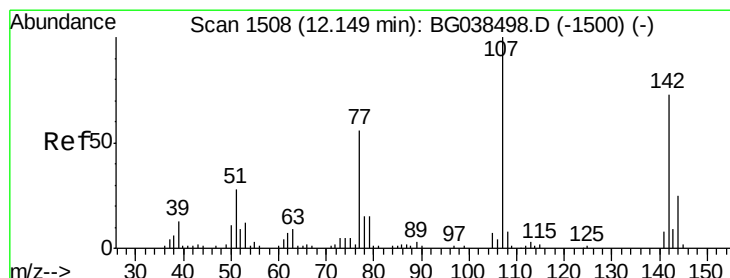
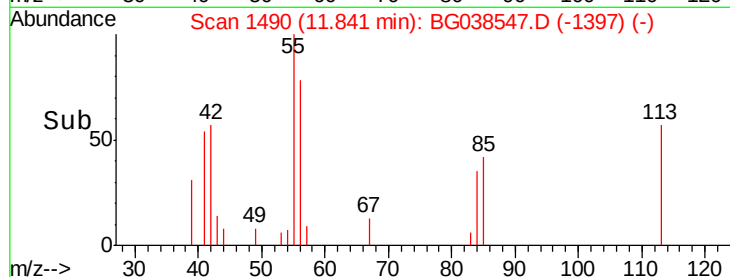
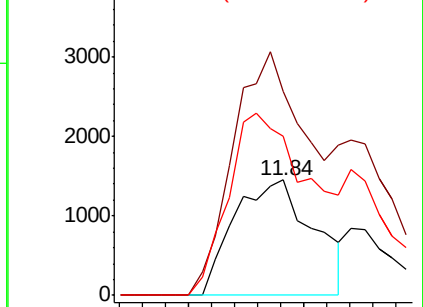
56 137.8 135.0 175.0



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: 43.171 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

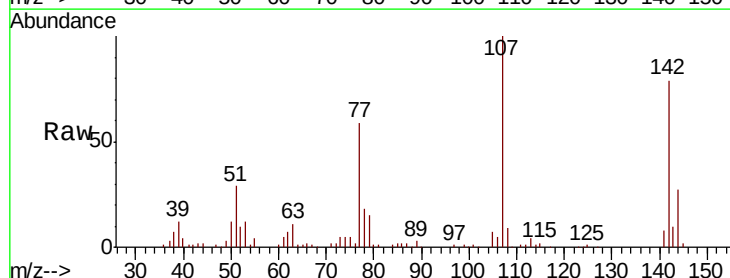
Tgt Ion:107 Resp: 94948

Ion Ratio Lower Upper

107 100

144 27.3 20.1 30.1

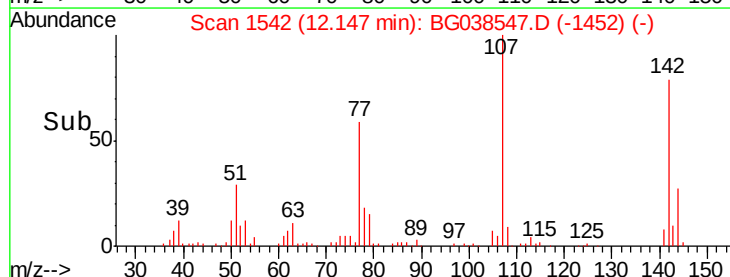
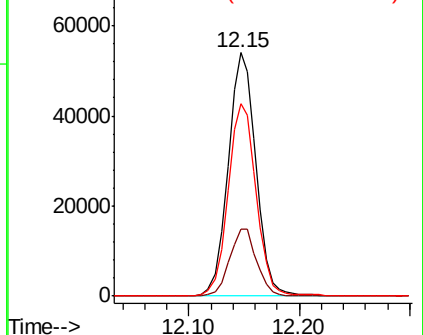
142 79.0 58.7 88.1

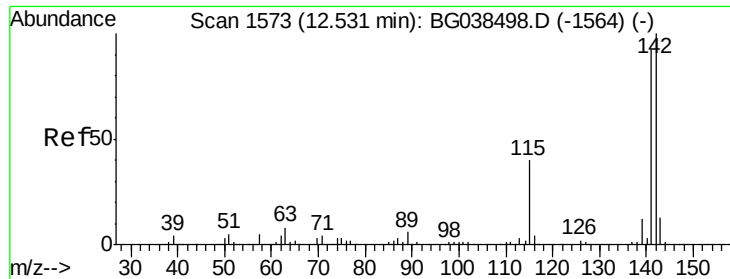


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

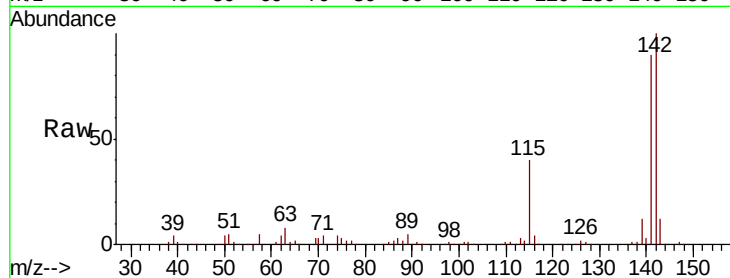




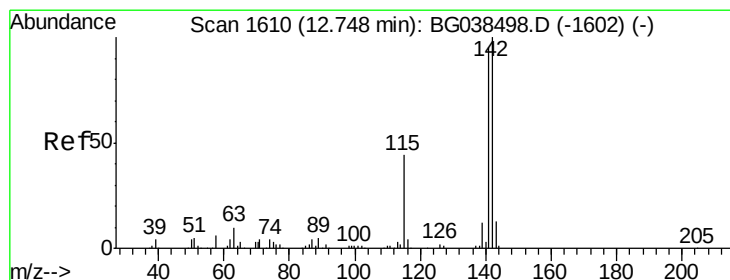
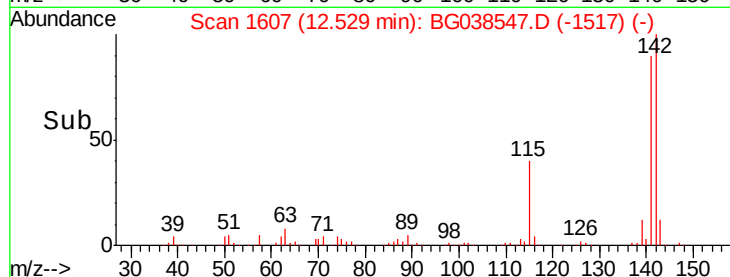
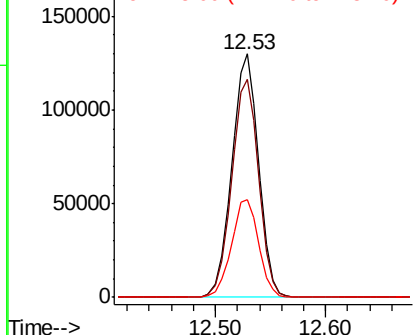
#37
2-Methylnaphthalene
Concen: 52.568 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion:142 Resp: 220388
Ion Ratio Lower Upper
142 100
141 89.7 73.5 110.3
115 40.3 31.7 47.5

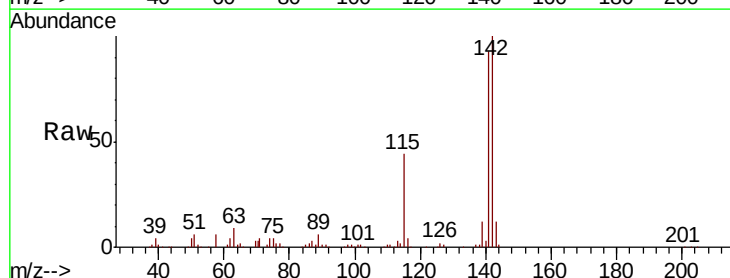


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

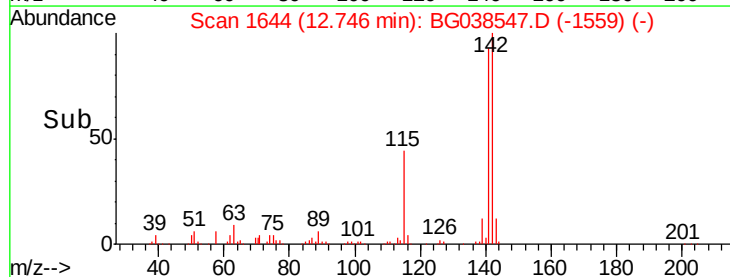
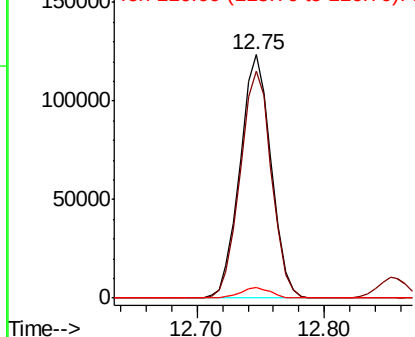


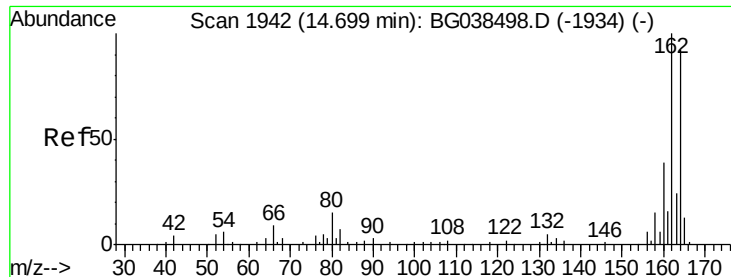
#38
1-Methylnaphthalene
Concen: 51.610 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:142 Resp: 209960
Ion Ratio Lower Upper
142 100
141 93.1 75.8 113.8
116 4.4 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

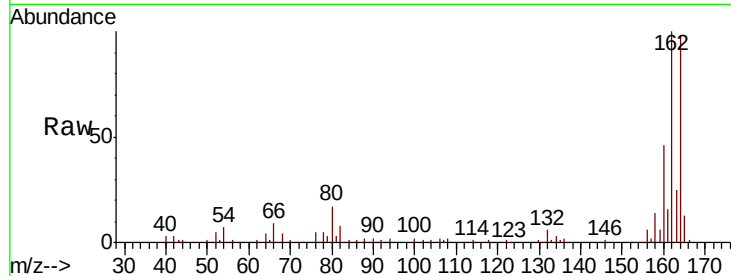
Tgt Ion:164 Resp: 79610

Ion Ratio Lower Upper

164 100

162 102.0 86.6 130.0

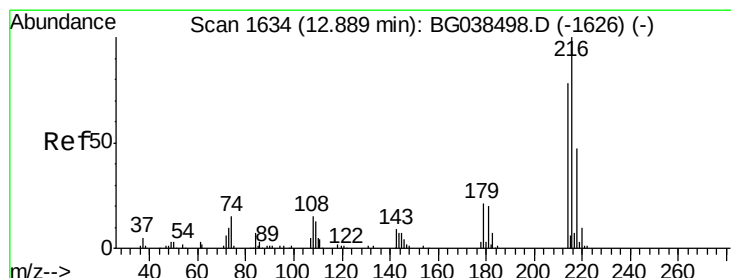
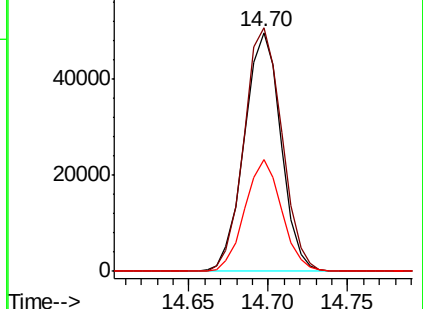
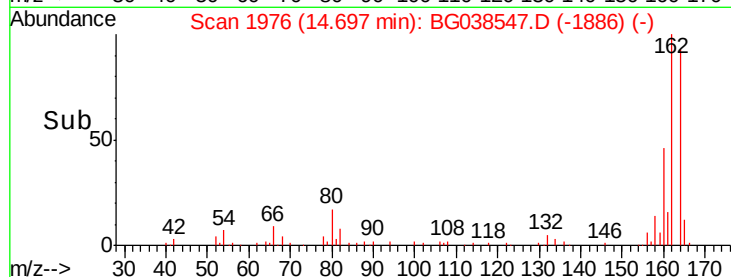
160 46.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.768 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:216 Resp: 130244

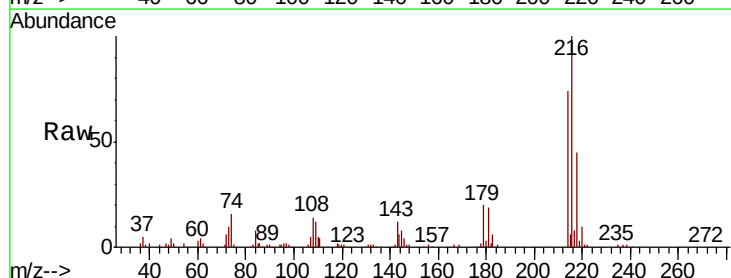
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 20.3 16.4 24.6

108 18.5 13.9 20.9

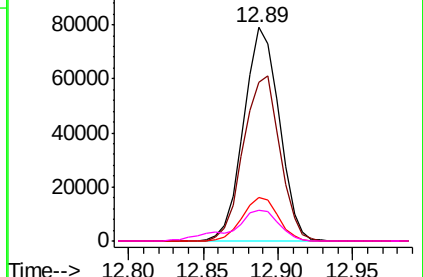
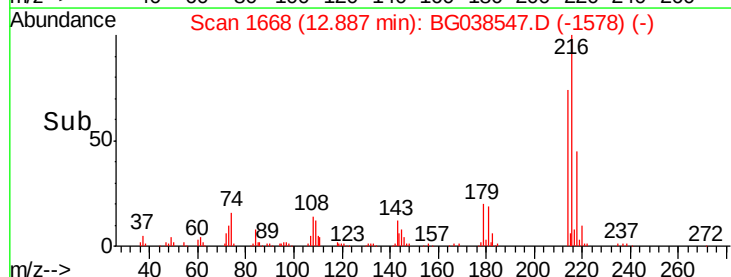


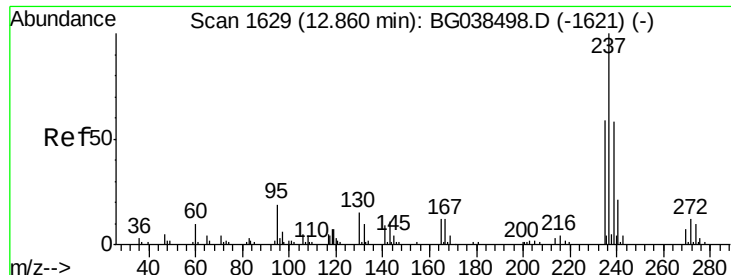
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.601 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

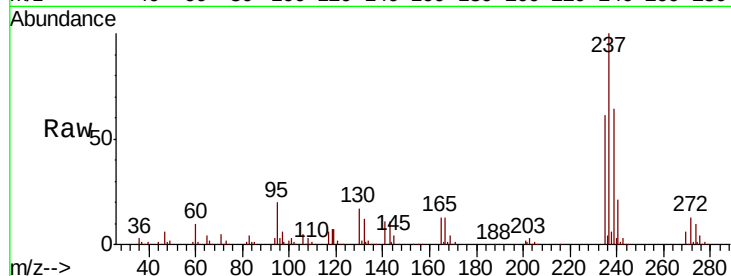
Tgt Ion: 237 Resp: 156297

Ion Ratio Lower Upper

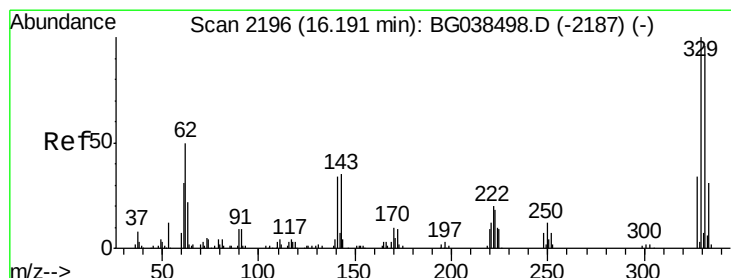
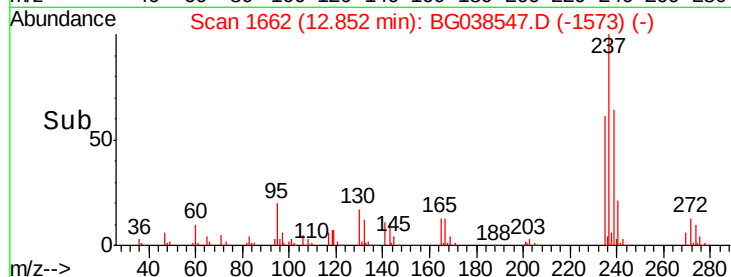
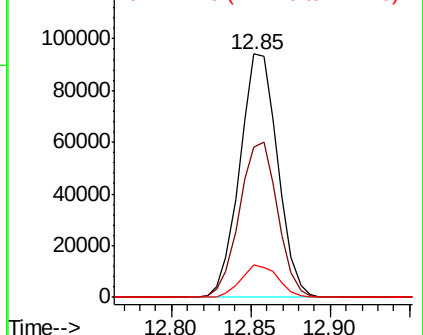
237 100

235 61.4 38.8 78.8

272 13.1 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: 103.344 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

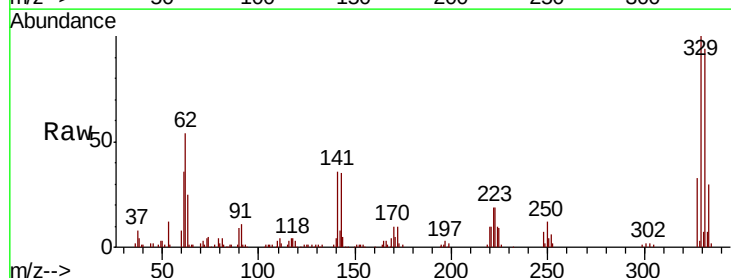
Tgt Ion: 330 Resp: 113386

Ion Ratio Lower Upper

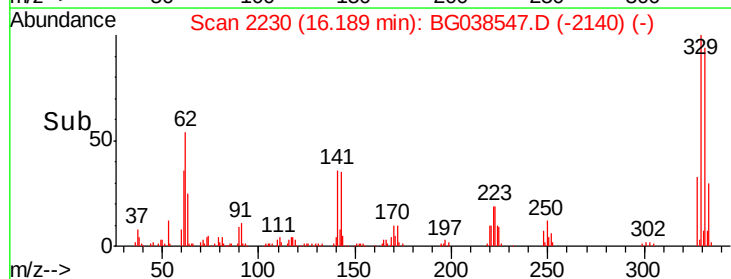
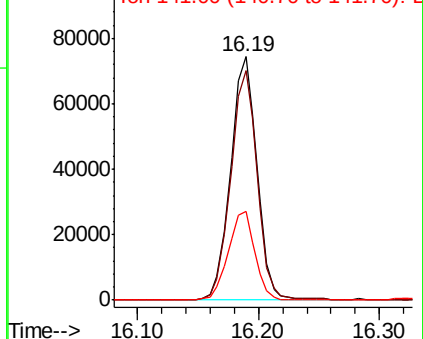
330 100

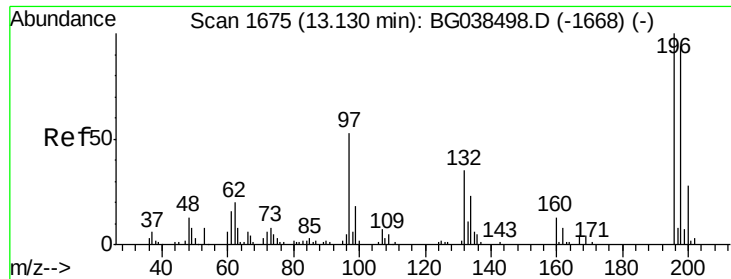
332 94.8 76.9 115.3

141 36.8 28.8 43.2



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

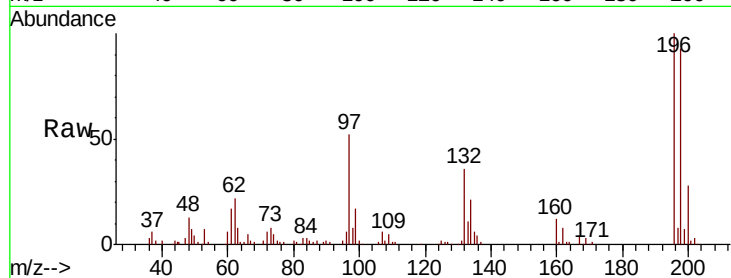




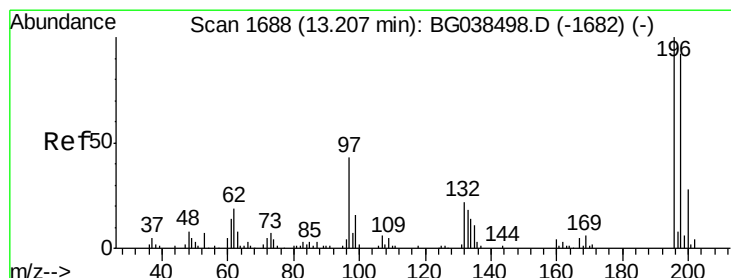
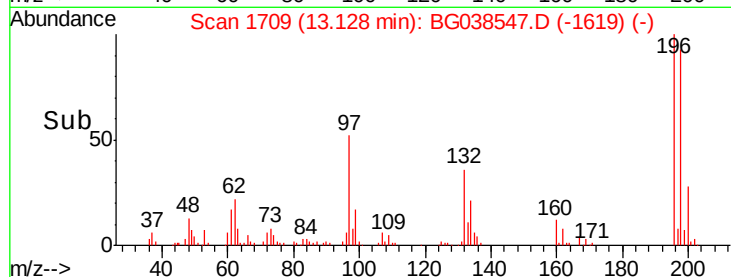
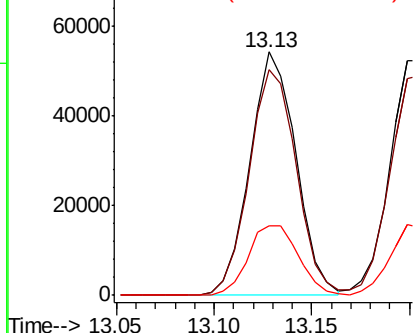
#43
 2,4,6-Trichlorophenol
 Concen: 48.526 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion:196 Resp: 88788
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.0 112.4
 200 28.4 22.4 33.6

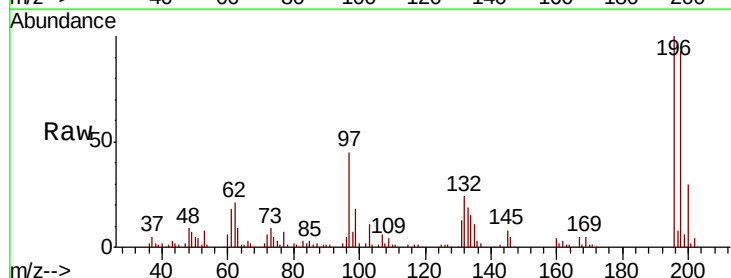


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

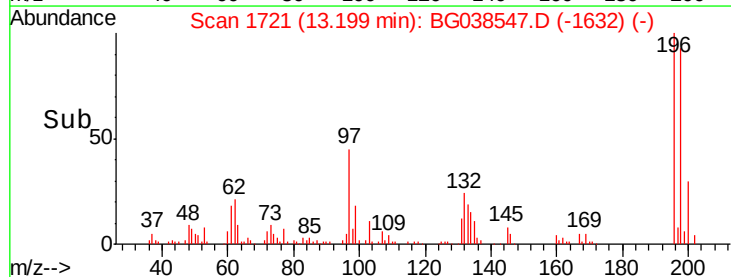
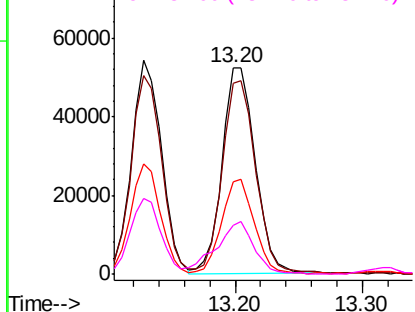


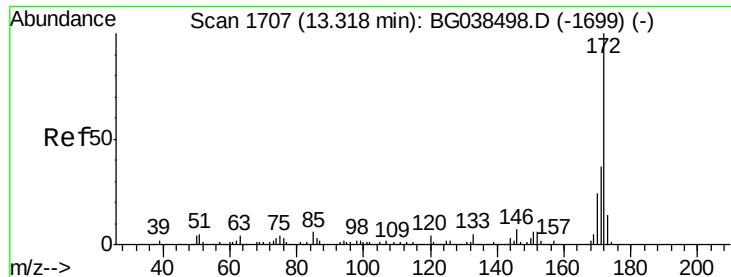
#44
 2,4,5-Trichlorophenol
 Concen: 48.905 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion:196 Resp: 94741
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.0 111.0
 97 44.7 35.1 52.7
 132 23.5 18.0 27.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

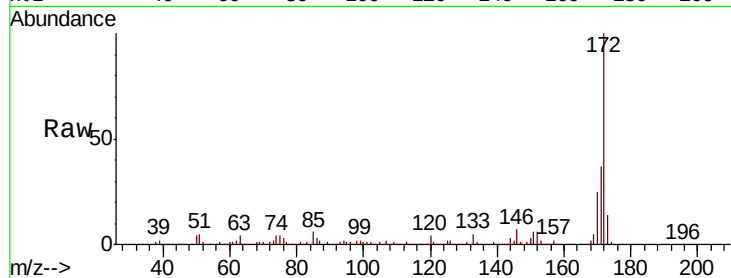




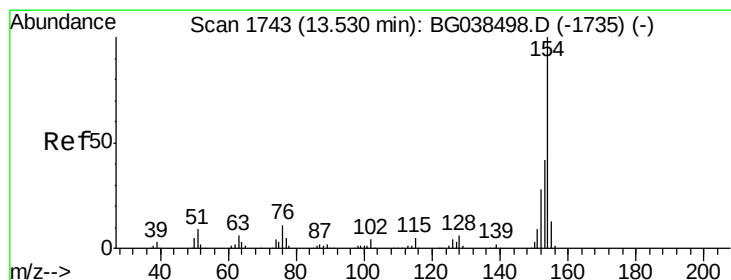
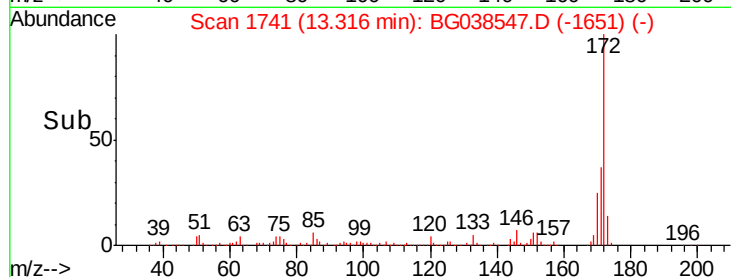
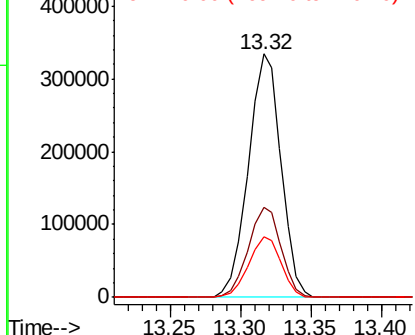
#45
 2-Fluorobiphenyl
 Concen: 93.385 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion:172 Resp: 541924
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 24.9 19.5 29.3

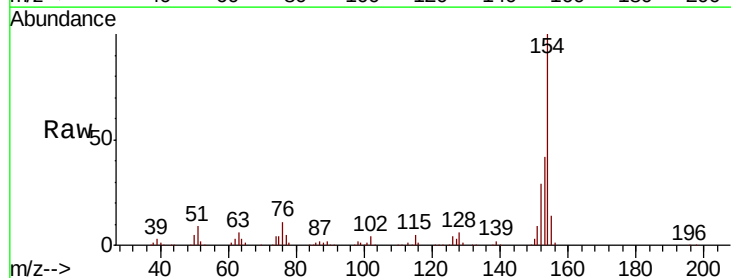


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

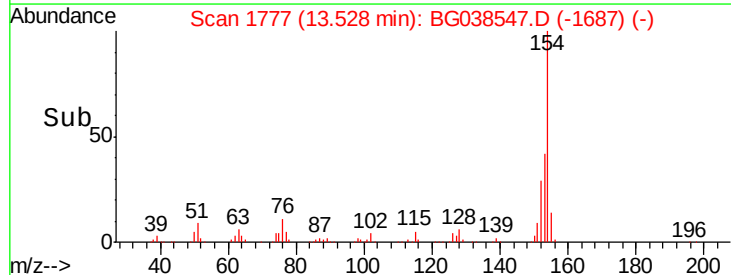
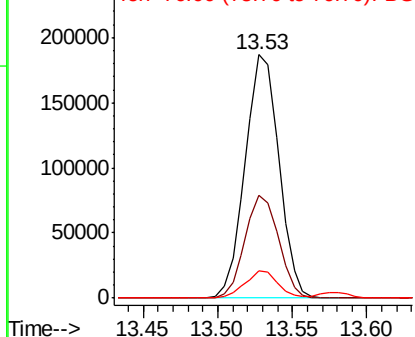


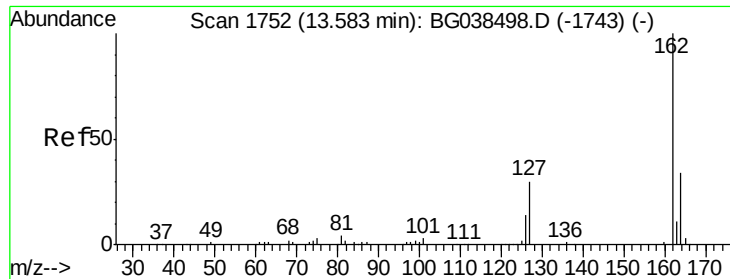
#46
 1,1'-Biphenyl
 Concen: 43.861 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion:154 Resp: 292725
 Ion Ratio Lower Upper
 154 100
 153 42.2 22.1 62.1
 76 11.1 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

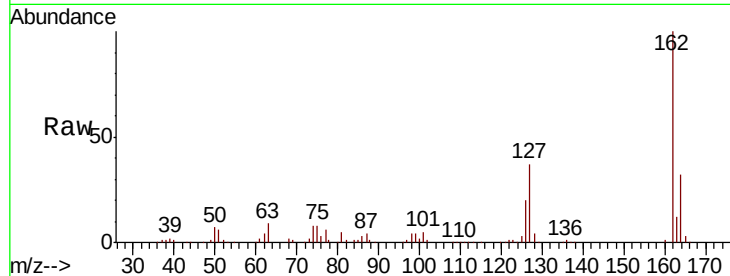




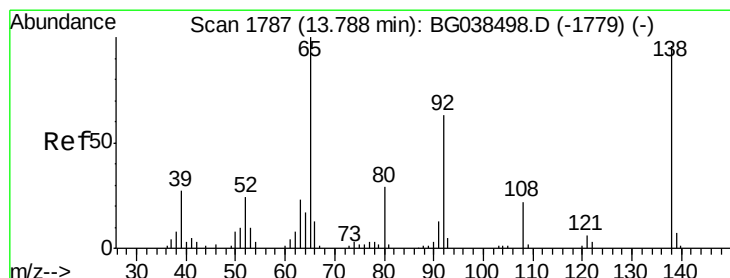
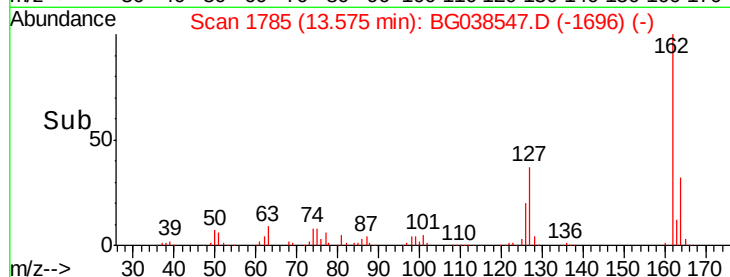
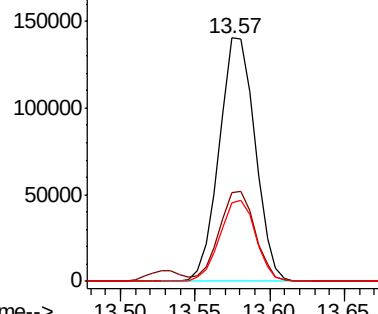
#47
 2-Chloronaphthalene
 Concen: 45.296 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.7	27.8	41.8
164	32.1	26.9	40.3

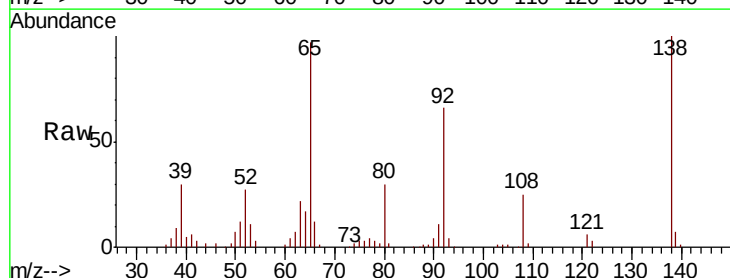


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

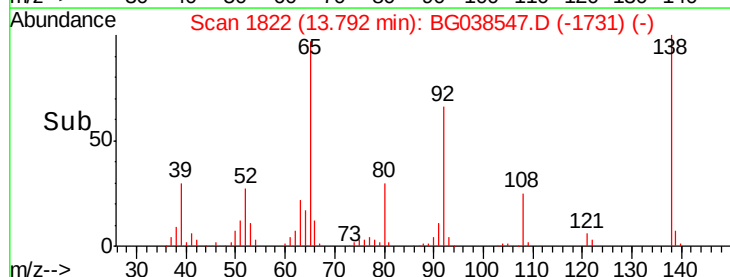
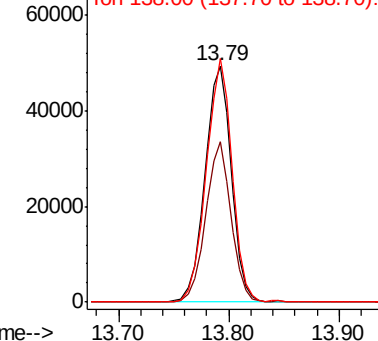


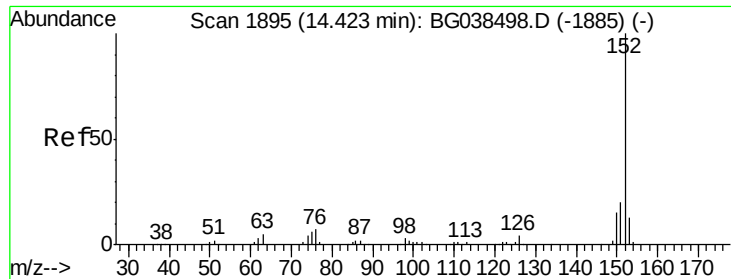
#48
 2-Nitroaniline
 Concen: 50.305 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	50.0	75.0
138	103.1	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: 50.633 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

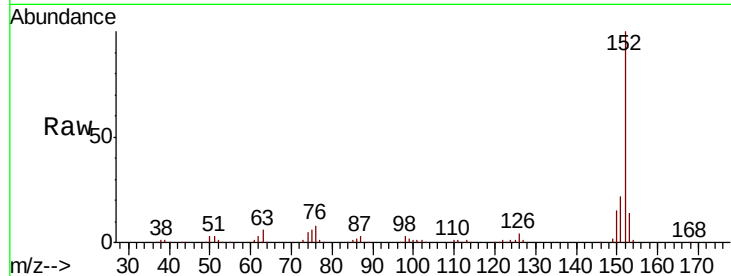
Tgt Ion:152 Resp: 390223

Ion Ratio Lower Upper

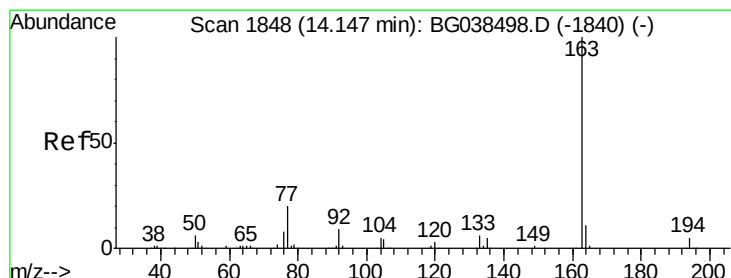
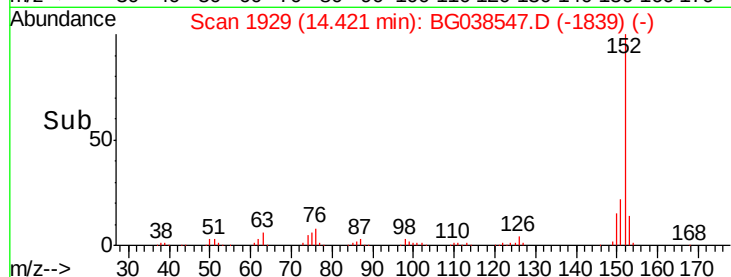
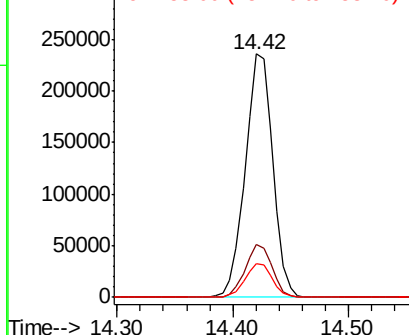
152 100

151 21.6 16.4 24.6

153 13.7 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: 49.267 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

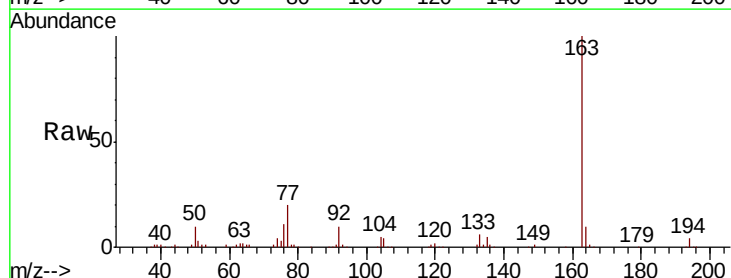
Tgt Ion:163 Resp: 320298

Ion Ratio Lower Upper

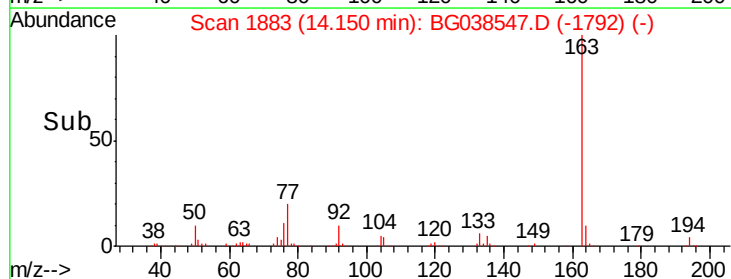
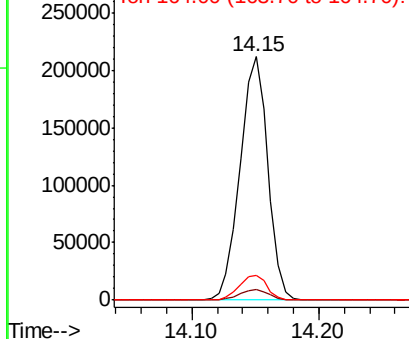
163 100

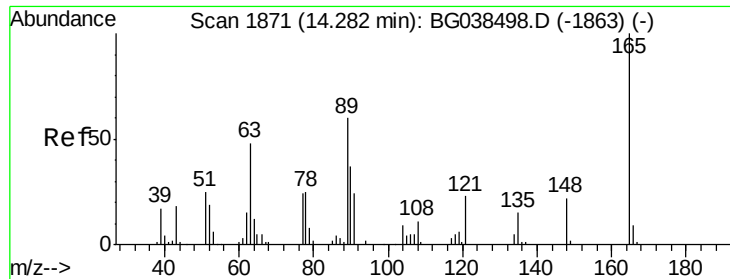
194 4.5 3.7 5.5

164 10.0 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

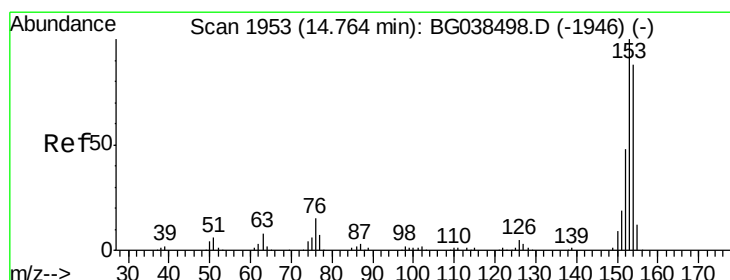
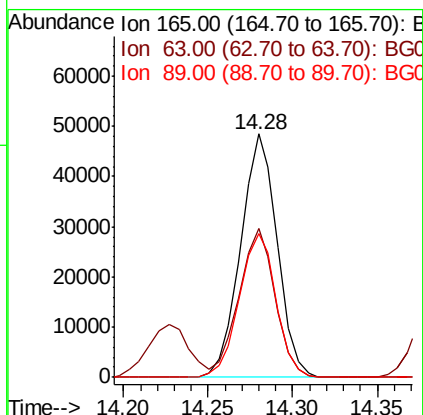
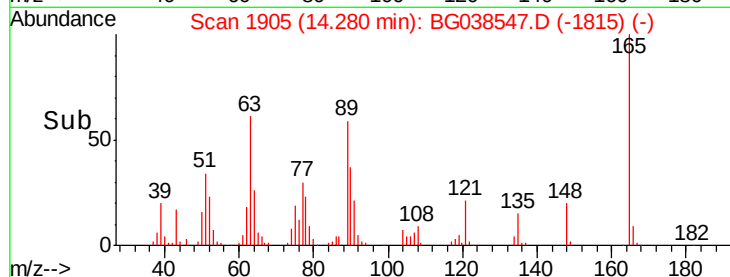
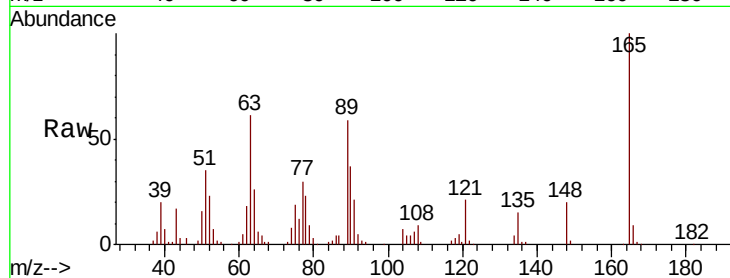




#51
2,6-Dinitrotoluene
Concen: 49.390 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

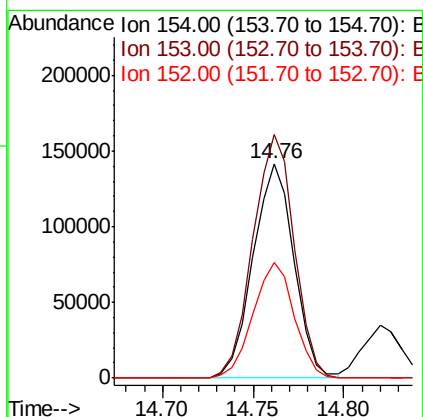
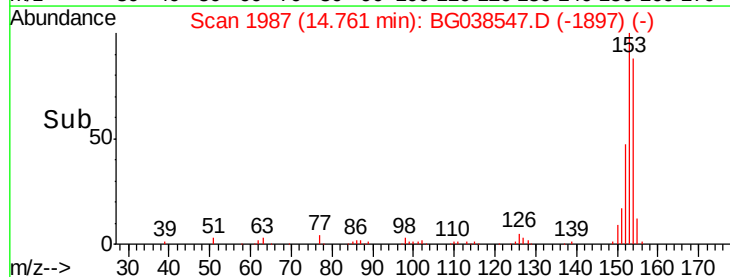
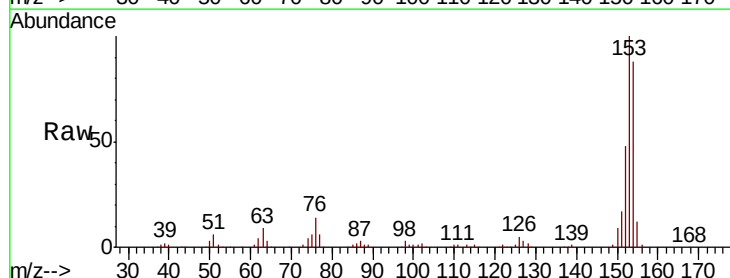
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

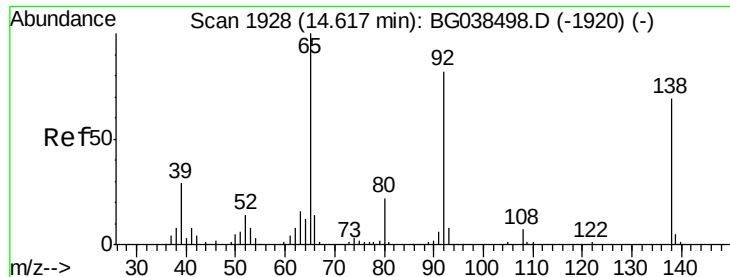
Tgt Ion:165 Resp: 72766
Ion Ratio Lower Upper
165 100
63 61.3 51.8 77.6
89 59.2 47.9 71.9



#52
Acenaphthene
Concen: 48.461 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:154 Resp: 223331
Ion Ratio Lower Upper
154 100
153 113.6 90.6 136.0
152 54.0 43.5 65.3





#53

3-Nitroaniline

Concen: 27.848 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

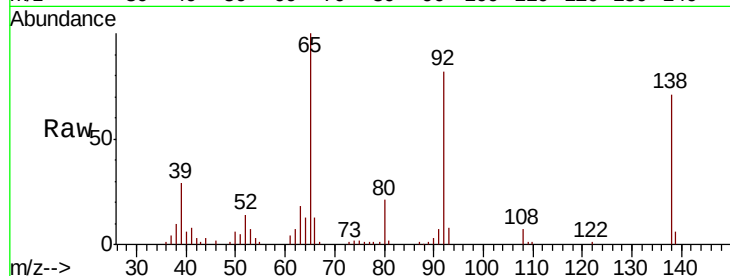
Tgt Ion:138 Resp: 41824

Ion Ratio Lower Upper

138 100

108 9.5 7.9 11.9

92 116.6 95.3 142.9

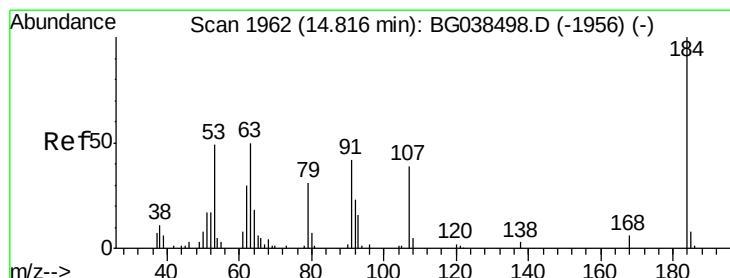
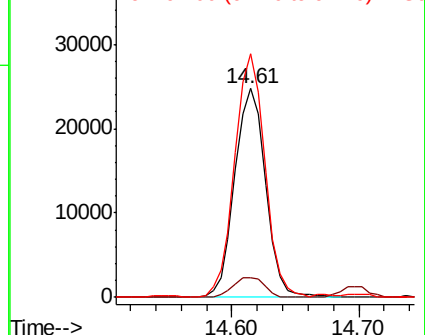
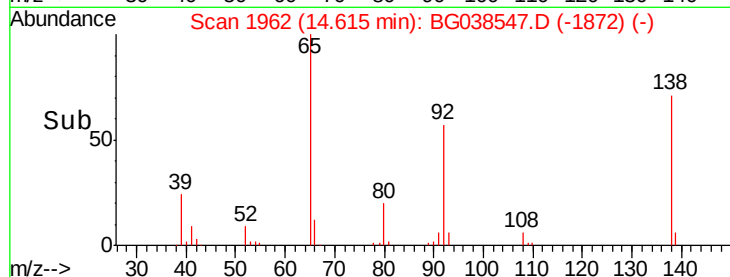


Abundance

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: 95.292 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

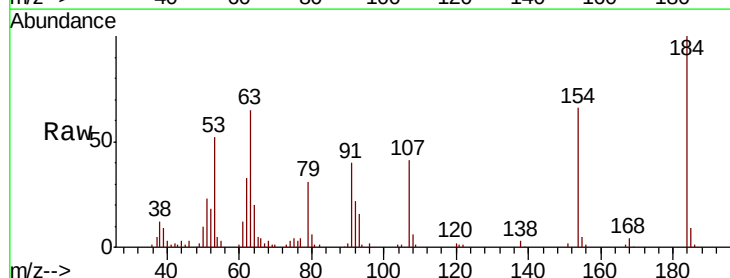
Tgt Ion:184 Resp: 84462

Ion Ratio Lower Upper

184 100

63 65.4 47.0 70.6

154 66.5 50.3 75.5

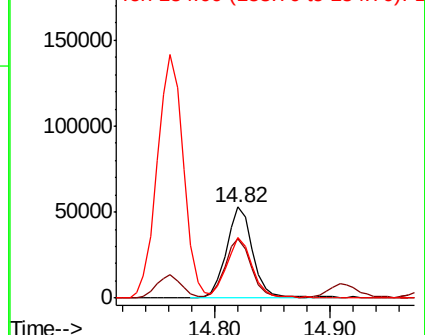
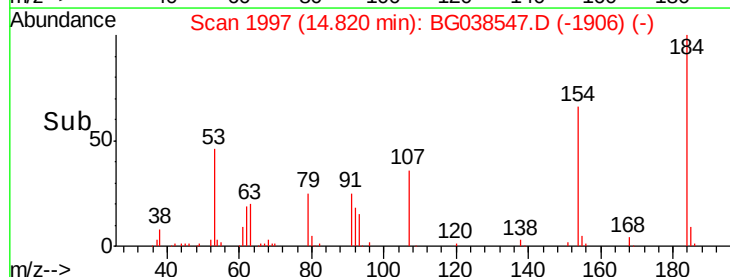


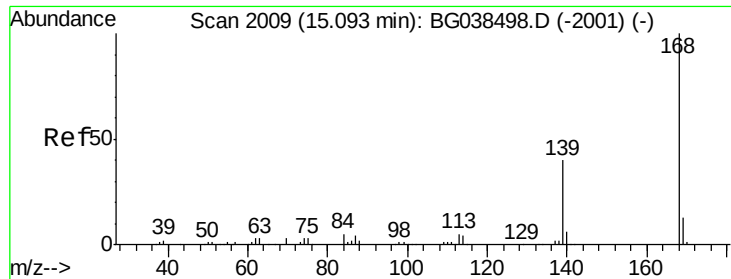
Abundance

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



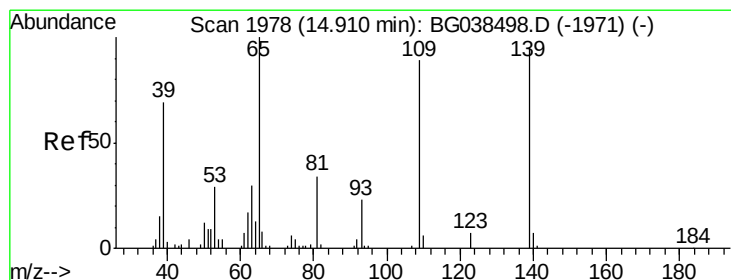
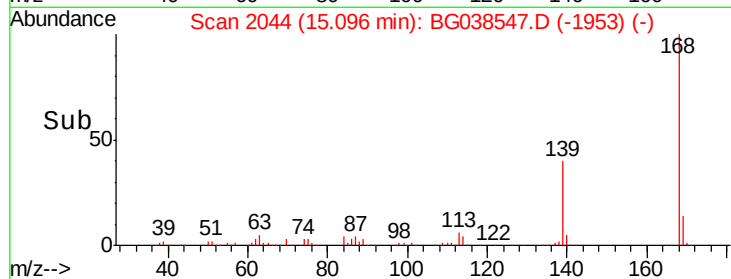
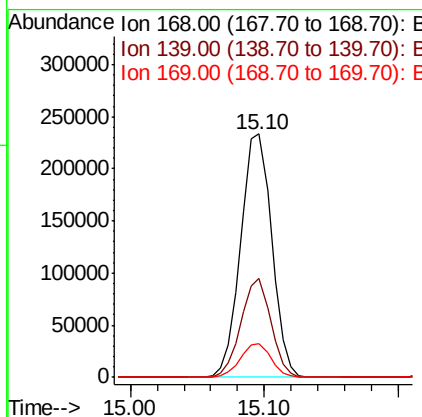
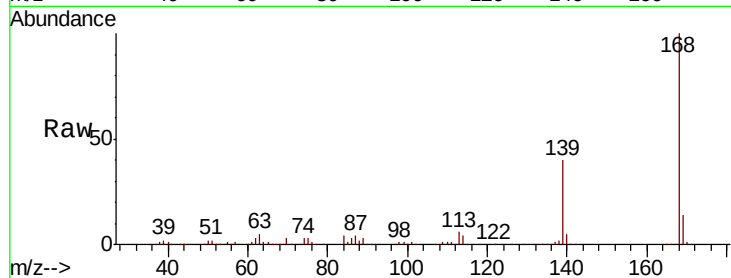


#55
Dibenzenofuran
Concen: 47.473 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion:168 Resp: 375013

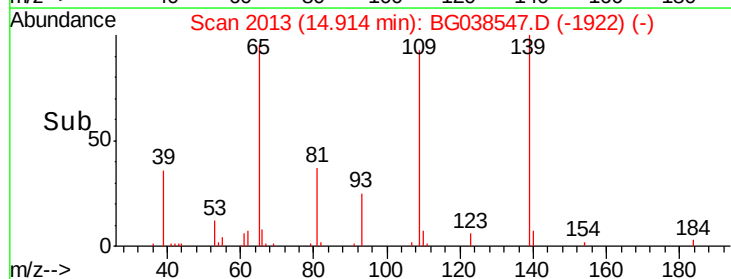
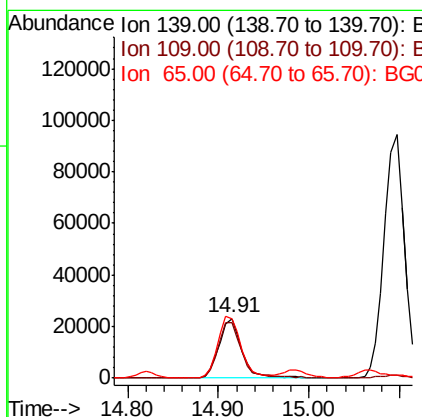
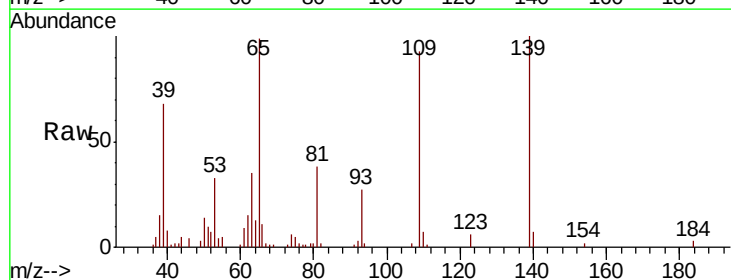
Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.2	48.2
169	13.9	10.6	16.0

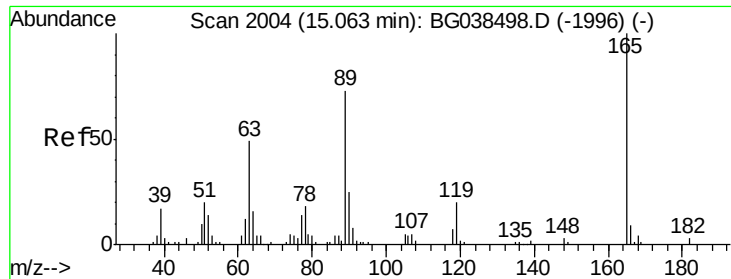


#56
4-Nitrophenol
Concen: 35.637 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:139 Resp: 40603

Ion	Ratio	Lower	Upper
139	100		
109	92.6	73.6	113.6
65	98.9	84.8	124.8

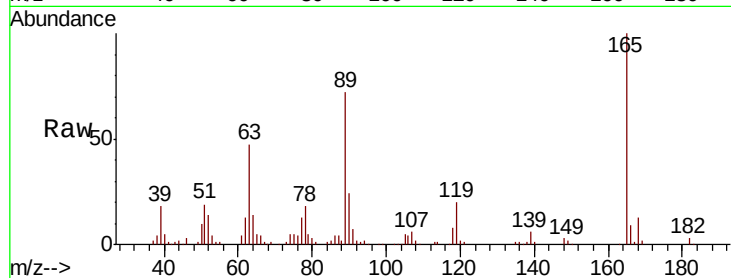




#57
2,4-Dinitrotoluene
Concen: 49.255 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

Tgt Ion:	165	Resp:	102208
Ion	Ratio	Lower	Upper
165	100		
63	47.5	39.0	58.4
89	71.6	58.0	87.0
182	2.9	2.3	3.5



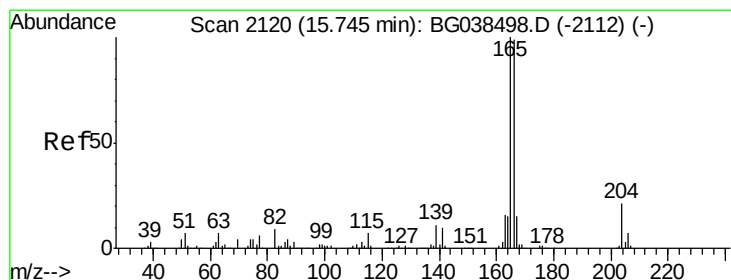
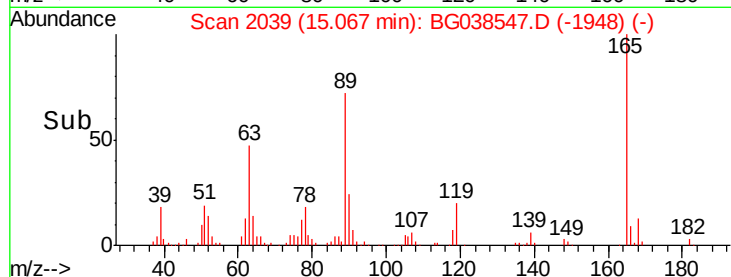
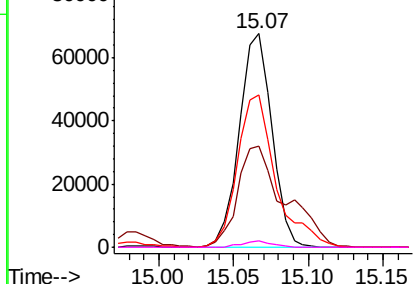
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

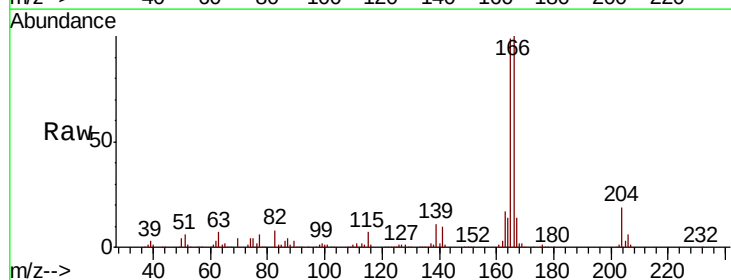
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 51.538 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:	166	Resp:	301631
Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.6	120.8
167	13.7	12.0	18.0

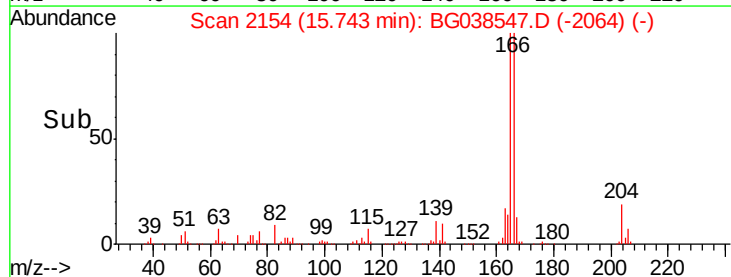
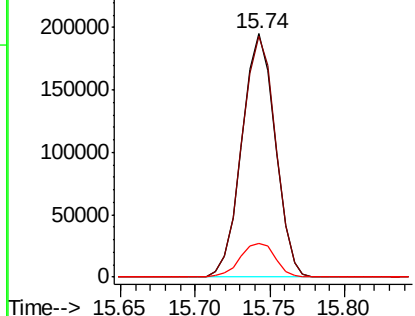


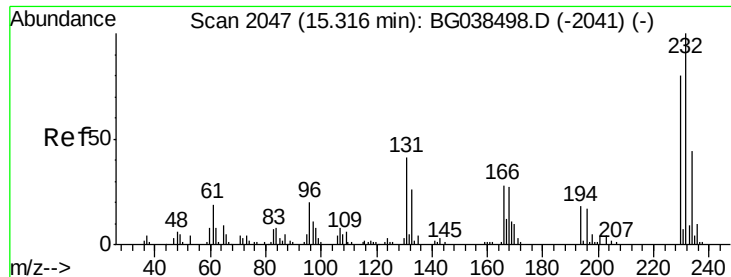
Abundance

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

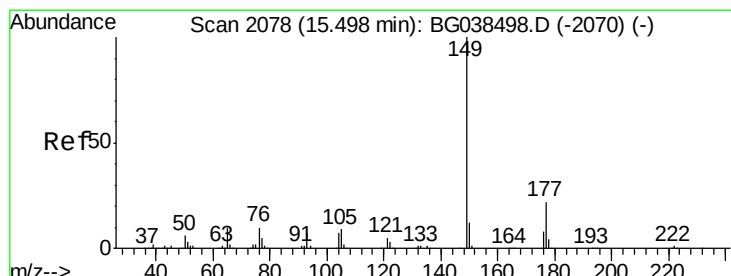
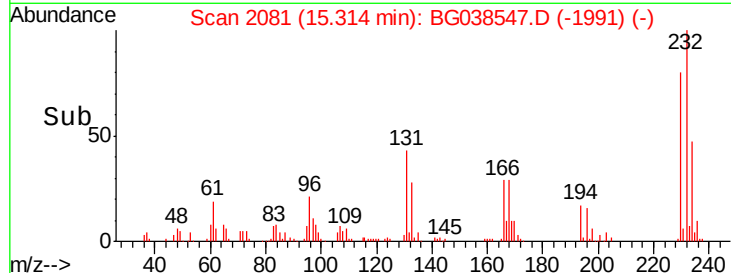
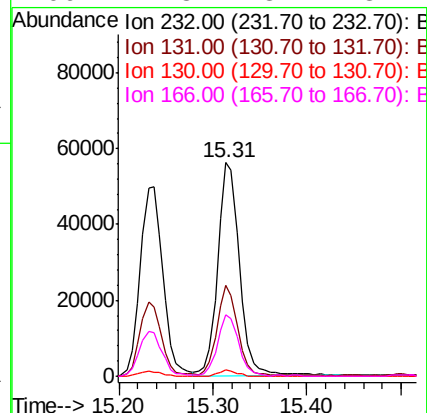
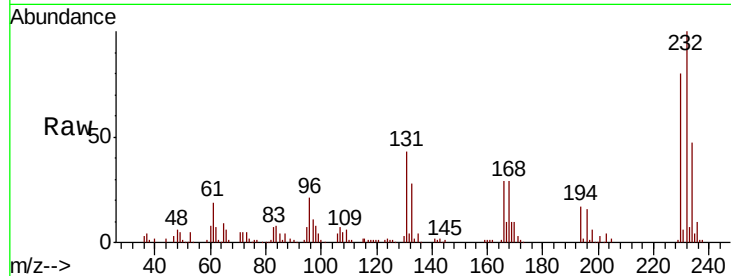




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.773 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

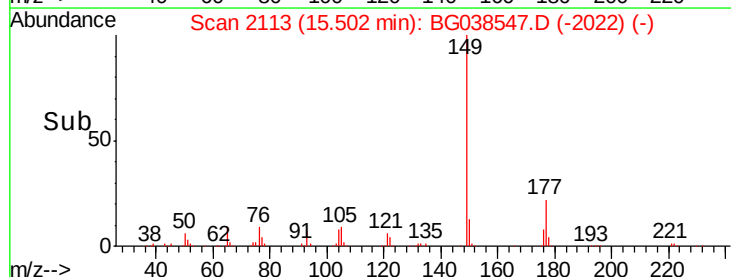
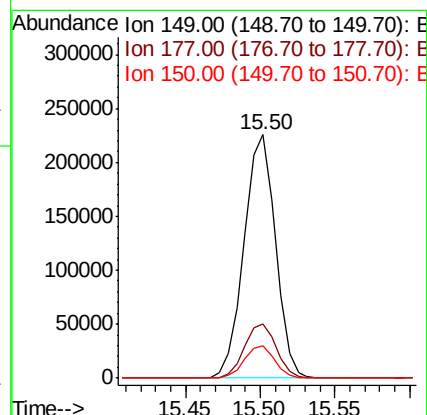
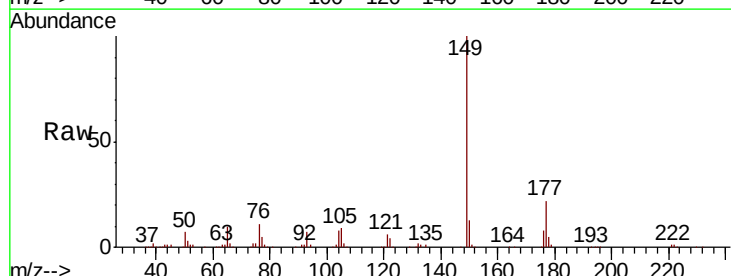
Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

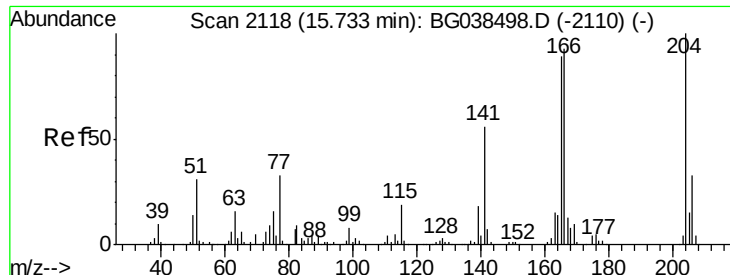
Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.0	49.4
130	2.4	2.0	3.0
166	27.8	23.1	34.7



#60
 Diethylphthalate
 Concen: 46.042 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	13.5	9.9	14.9

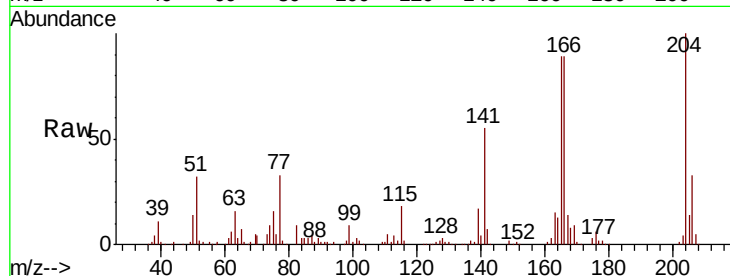




#61
 4-Chlorophenyl-phenylether
 Concen: 46.427 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion:	204	Resp:	169534
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.0	39.0
141	54.6	44.4	66.6

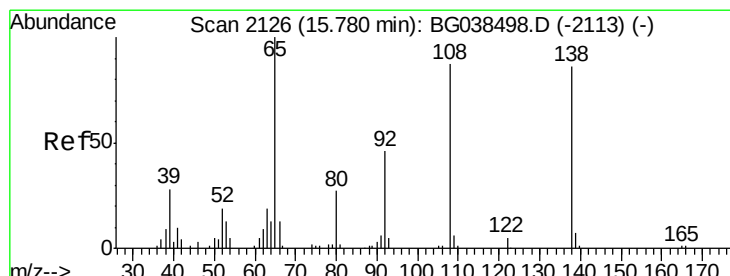
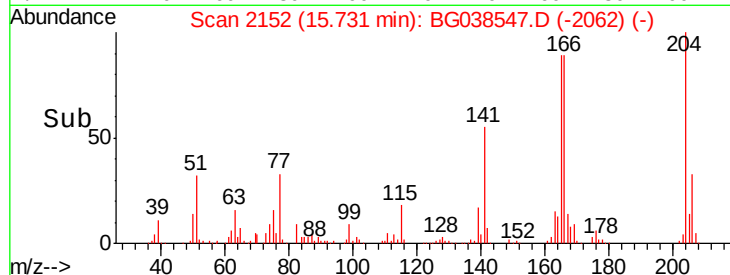
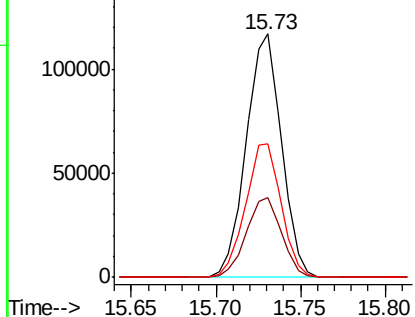


Abundance

Ion 204.00 (203.70 to 204.70): E

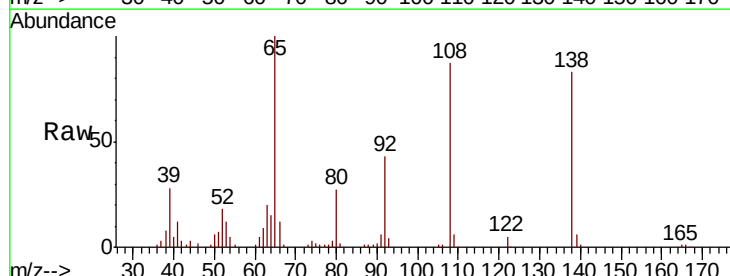
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 45.481 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion:	138	Resp:	70321
Ion	Ratio	Lower	Upper
138	100		
92	52.3	33.3	73.3
108	105.7	81.4	121.4

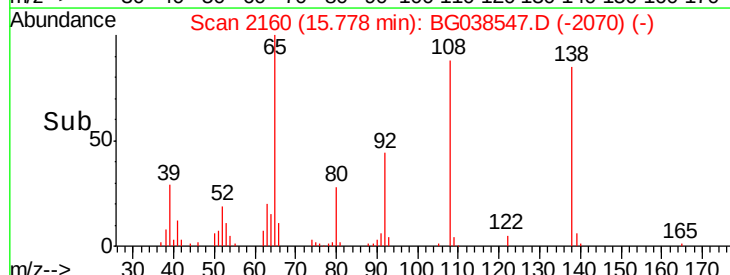
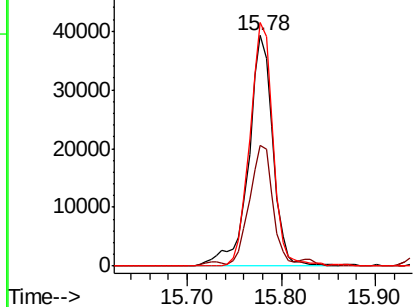


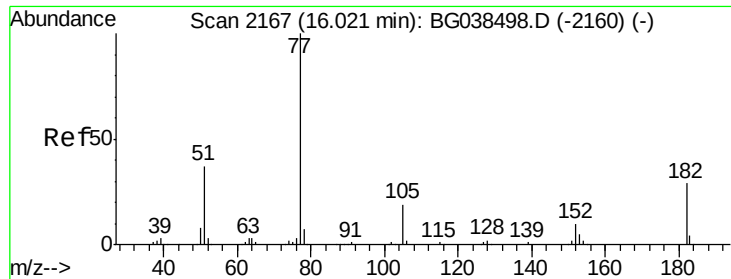
Abundance

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: 48.330 ng

RT: 16.02 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

Tgt Ion: 77 Resp: 288148

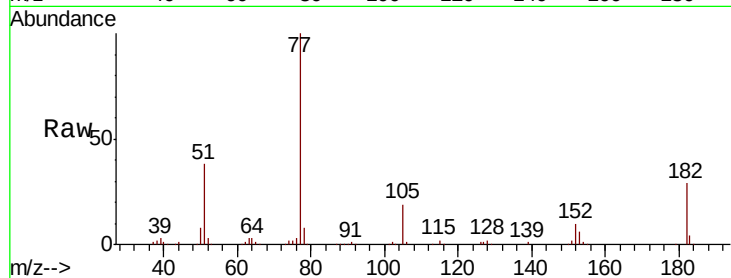
Ion Ratio Lower Upper

77 100

182 29.0 8.7 48.7

105 18.9 0.0 38.7

51 38.5 16.6 56.6

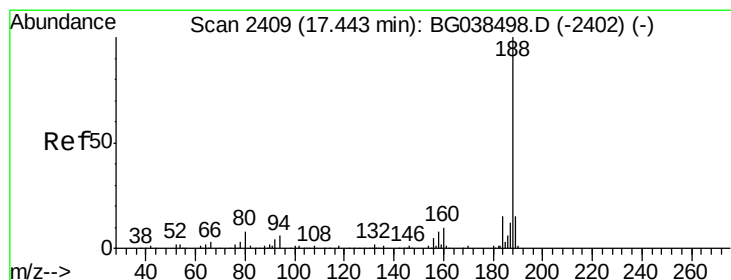
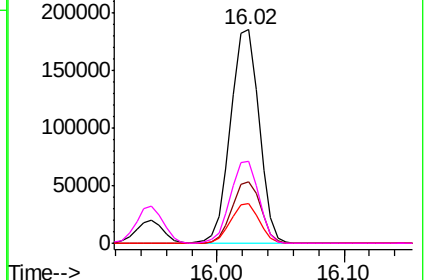
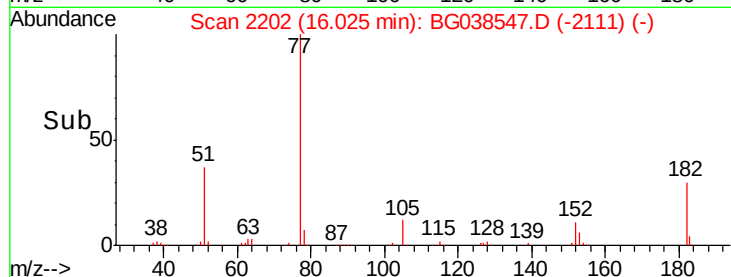


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

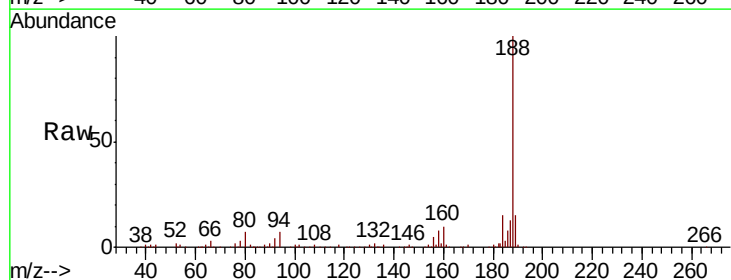
Tgt Ion: 188 Resp: 194492

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

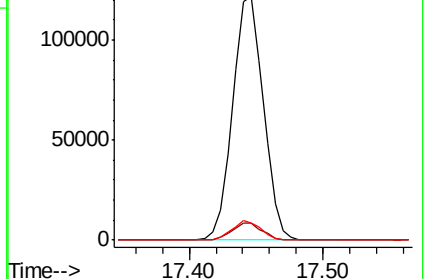
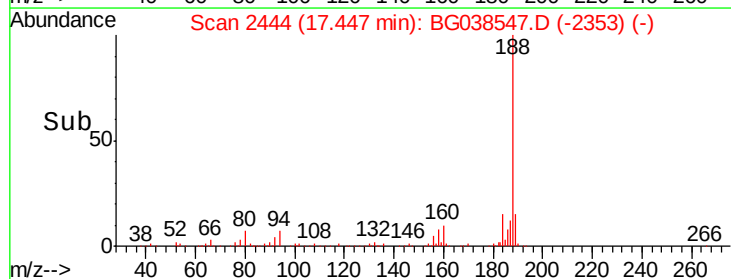
80 6.9 6.1 9.1

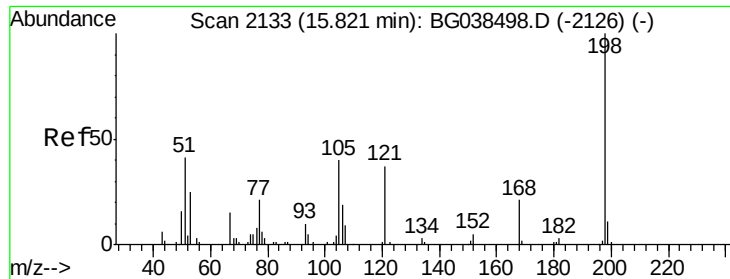


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

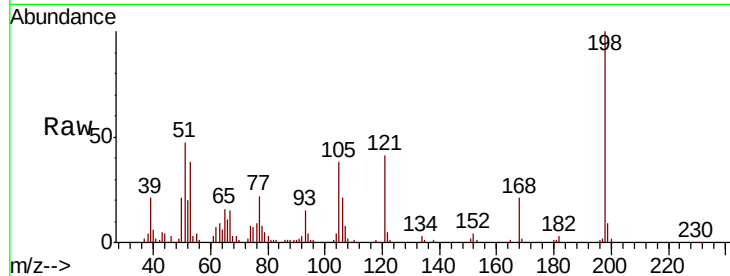




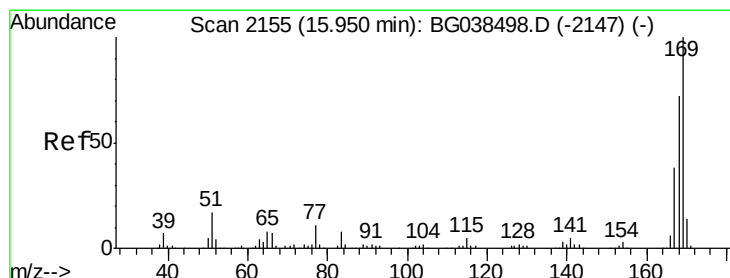
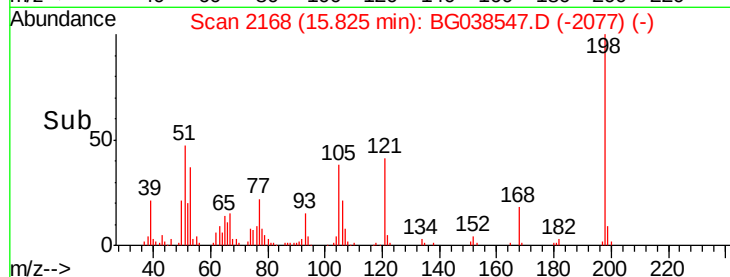
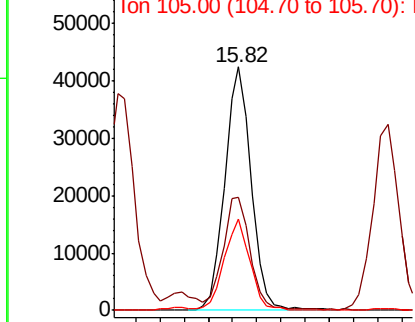
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.150 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion:198 Resp: 64029
 Ion Ratio Lower Upper
 198 100
 51 46.6 28.6 68.6
 105 37.7 20.4 60.4

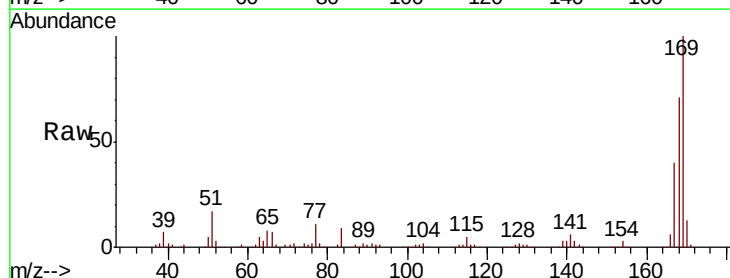


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

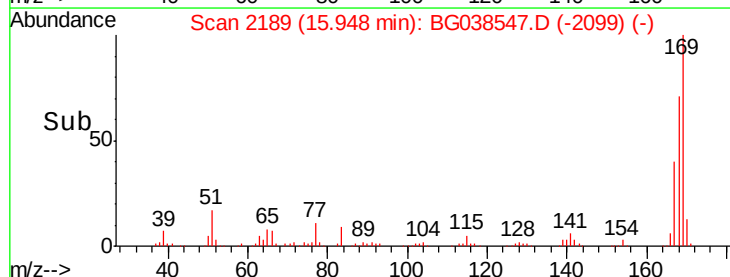
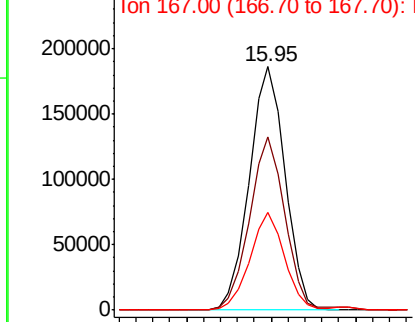


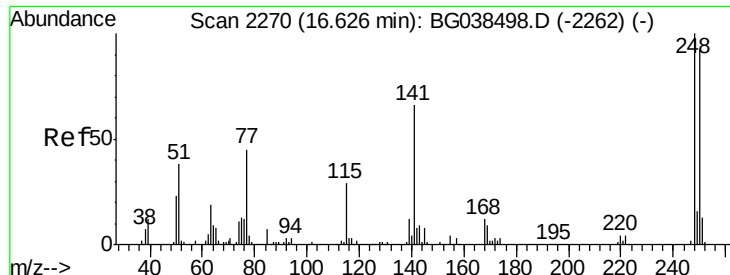
#66
 n-Nitrosodiphenylamine
 Concen: 48.073 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion:169 Resp: 274716
 Ion Ratio Lower Upper
 169 100
 168 71.0 57.5 86.3
 167 39.9 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

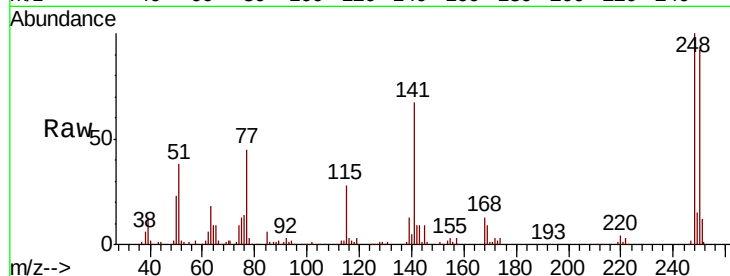




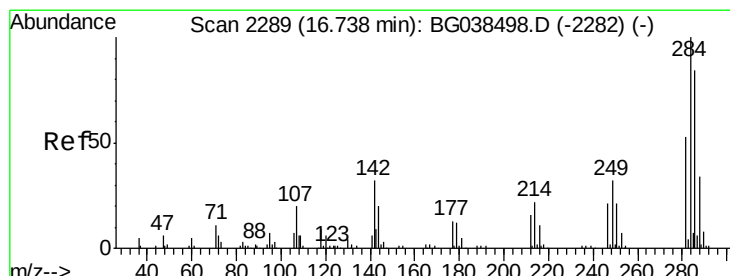
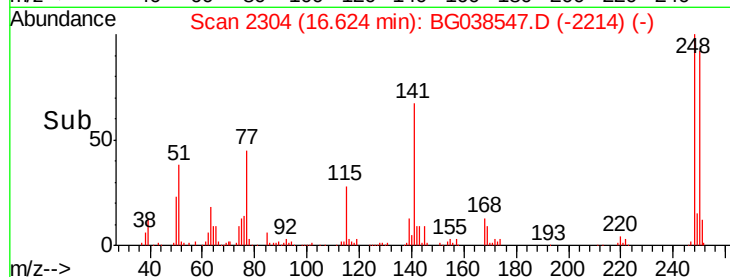
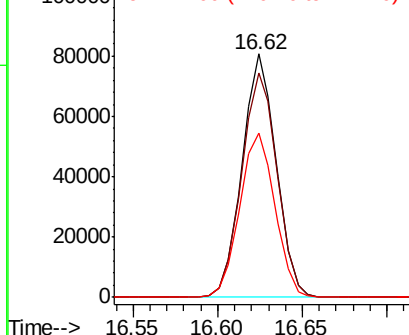
#67
 4-Bromophenyl-phenylether
 Concen: 47.679 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

Tgt Ion: 248 Resp: 113252
 Ion Ratio Lower Upper
 248 100
 250 92.1 73.4 110.2
 141 67.4 52.9 79.3

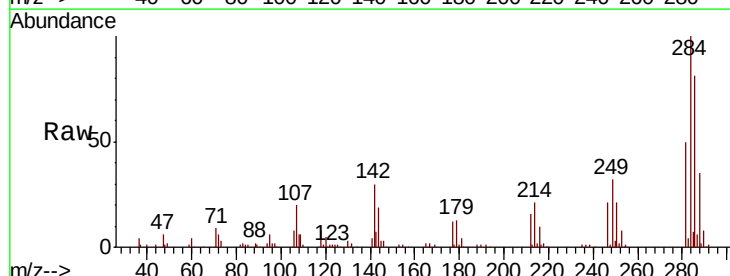


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

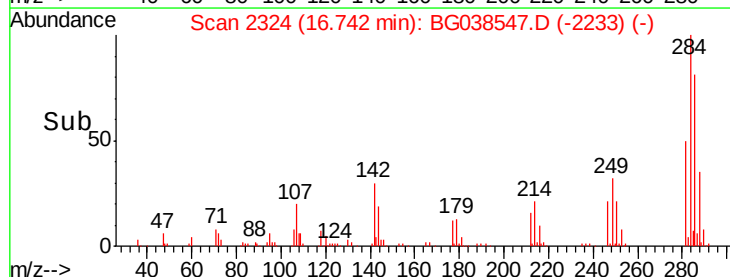
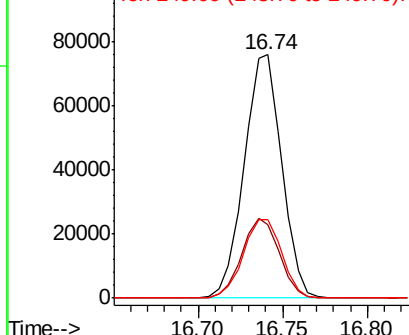


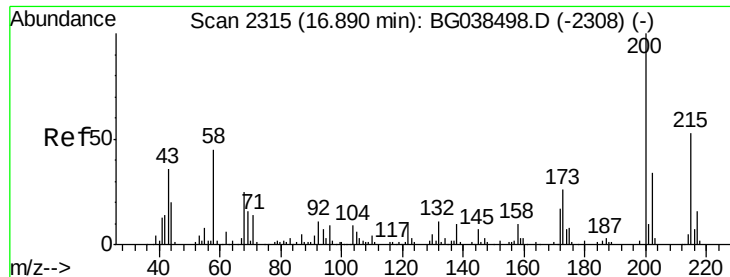
#68
 Hexachlorobenzene
 Concen: 47.687 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion: 284 Resp: 117419
 Ion Ratio Lower Upper
 284 100
 142 30.3 25.8 38.6
 249 35.1 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: 51.687 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

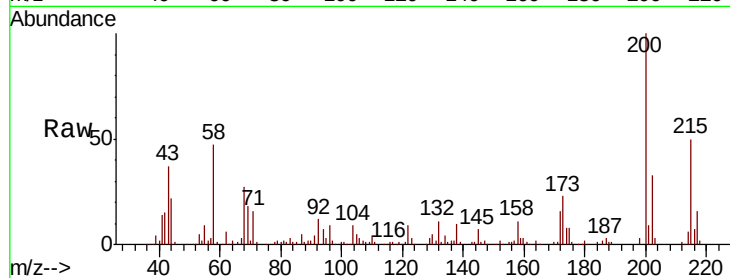
Tgt Ion:200 Resp: 109616

Ion Ratio Lower Upper

200 100

173 22.9 5.9 45.9

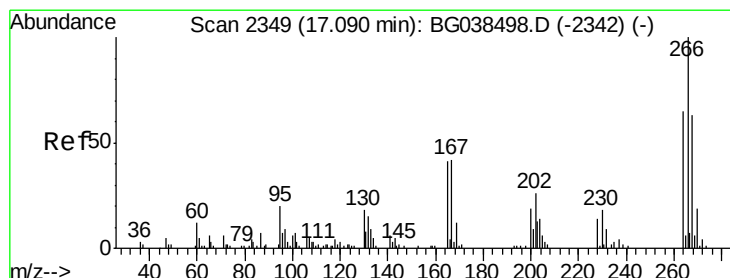
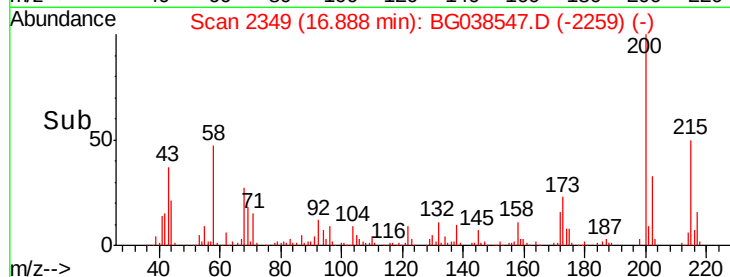
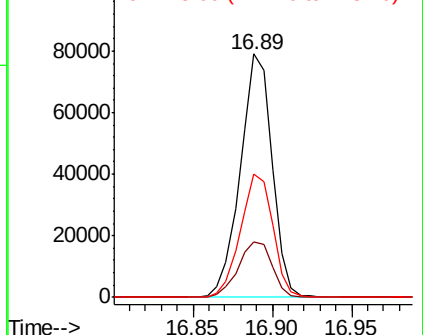
215 50.5 33.1 73.1



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: 86.197 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

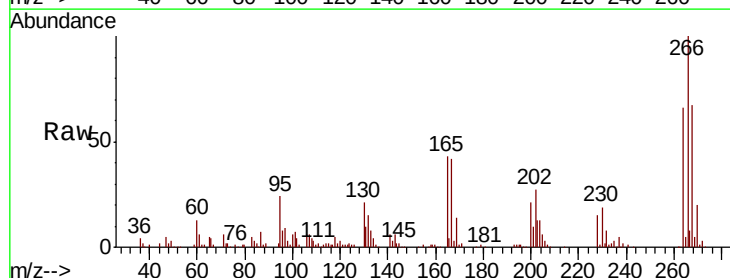
Tgt Ion:266 Resp: 125537

Ion Ratio Lower Upper

266 100

268 71.7 55.0 82.6

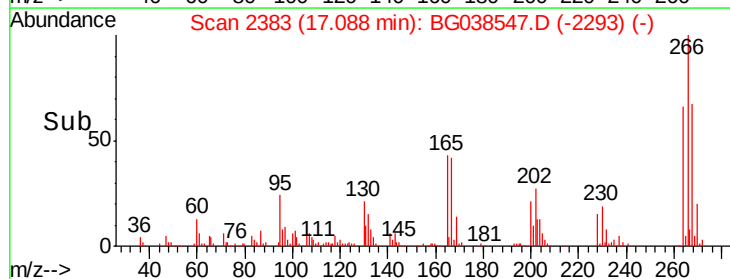
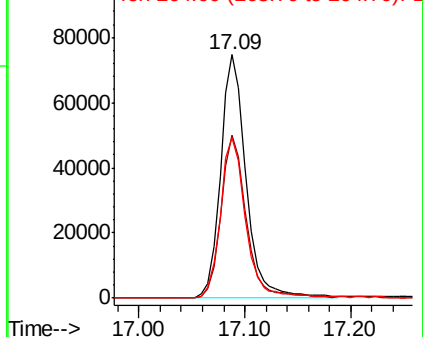
264 70.9 56.7 85.1

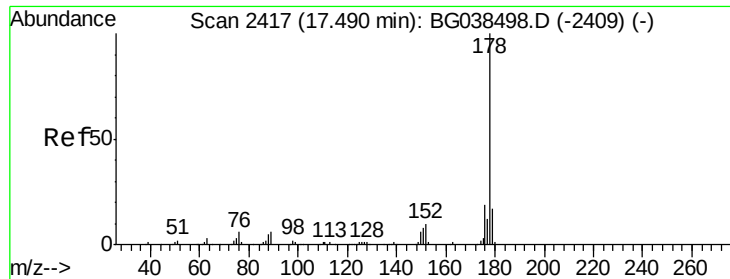


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

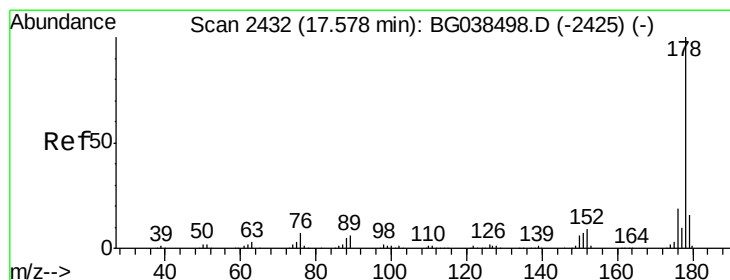
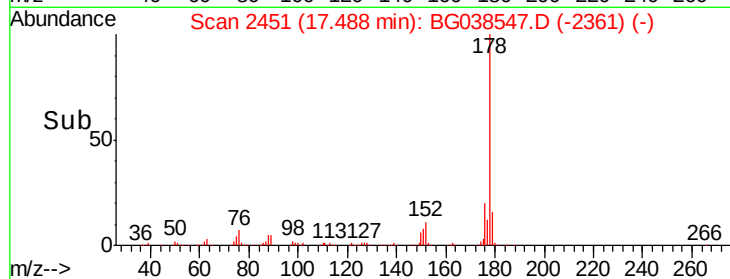
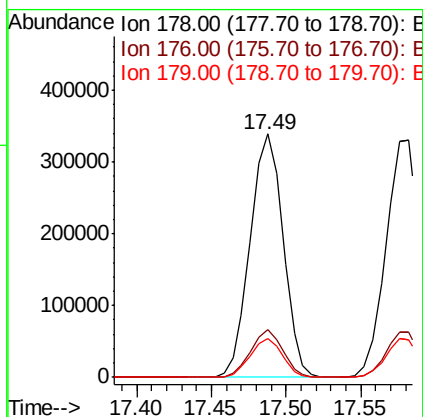
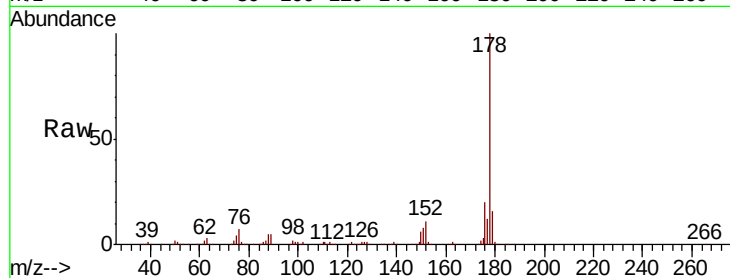




#71
Phenanthrene
Concen: 51.468 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

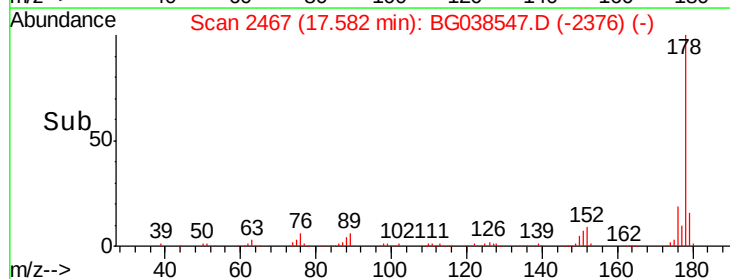
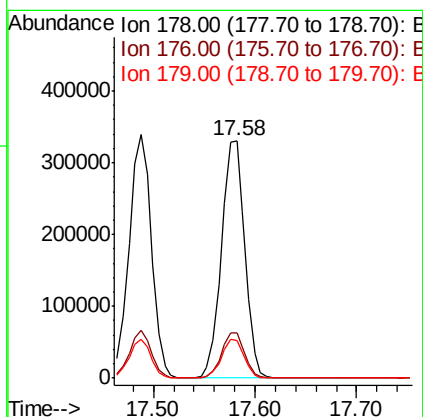
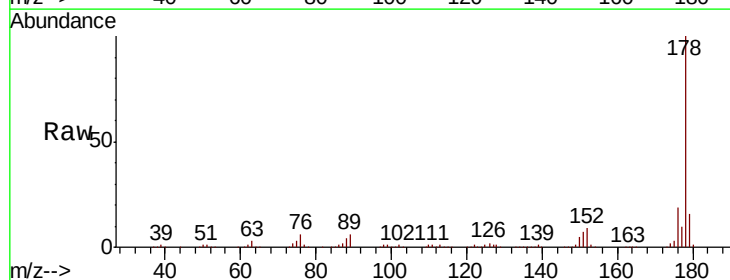
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

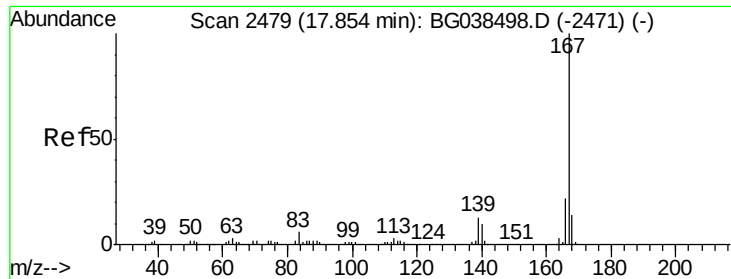
Tgt Ion:178 Resp: 519093
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 16.0 13.2 19.8



#72
Anthracene
Concen: 52.976 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion:178 Resp: 527464
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.7 12.9 19.3

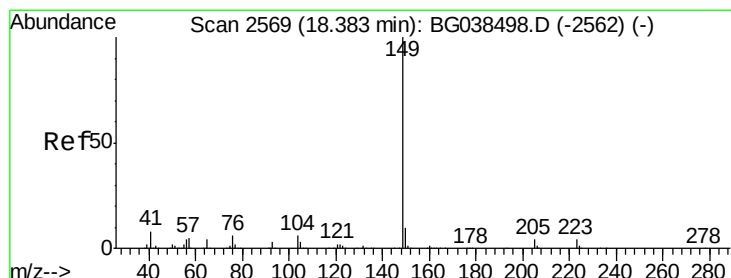
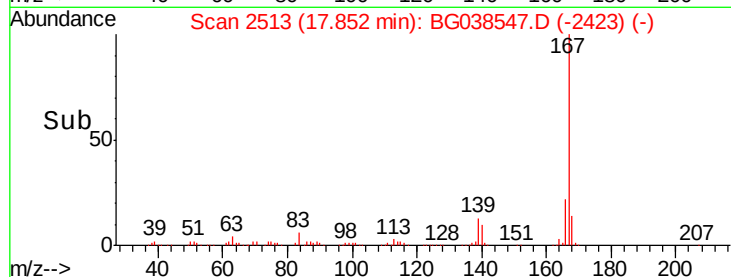
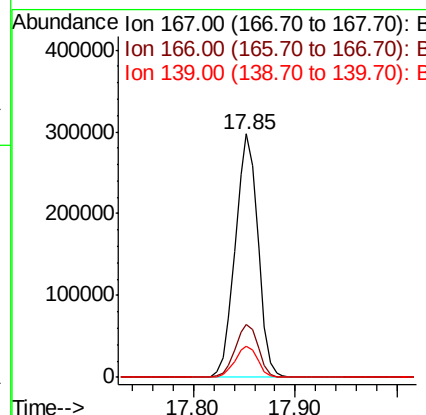
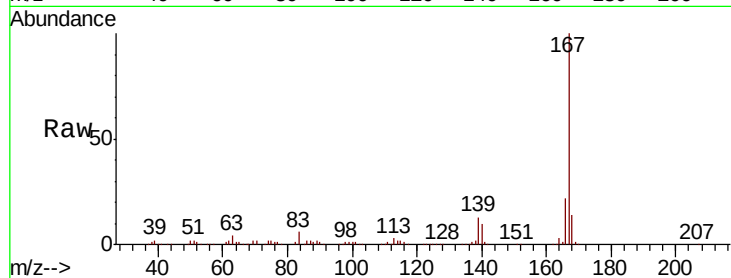




#73
 Carbazole
 Concen: 46.943 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

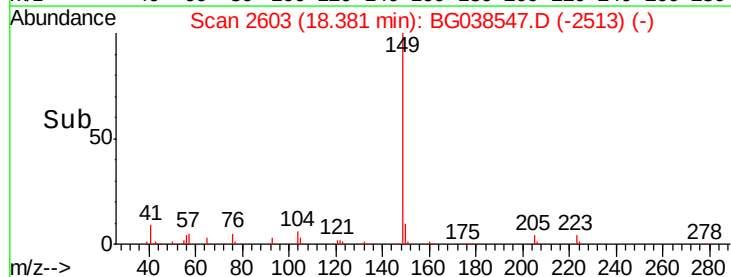
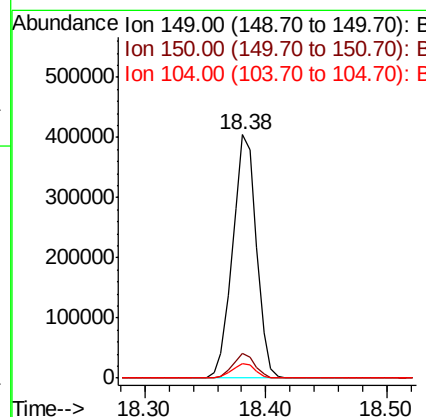
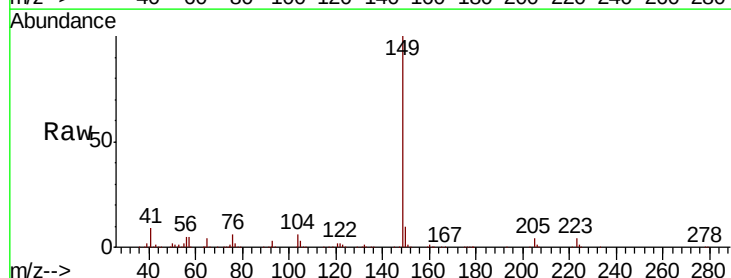
Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-01MSD

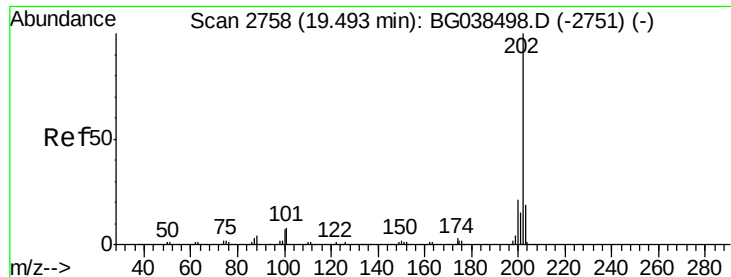
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.9	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 48.950 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038547.D
 Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	6.1	5.0	7.4





#75

Fluoranthene

Concen: 50.068 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

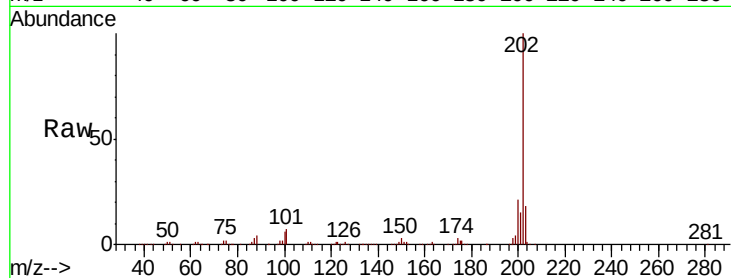
Tgt Ion:202 Resp: 624784

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.1

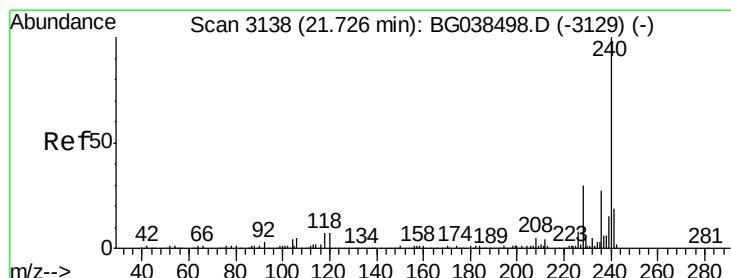
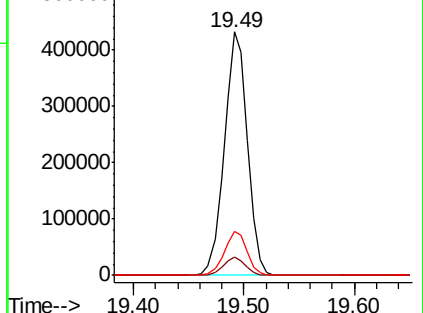
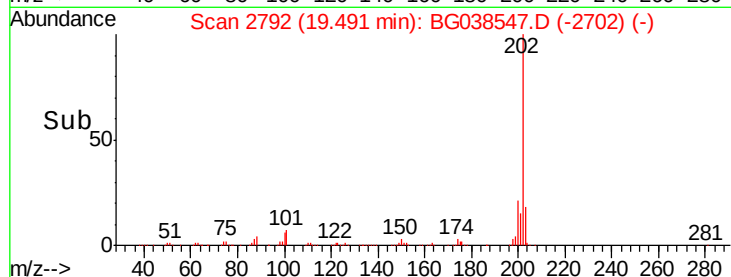
203 18.2 0.0 39.0



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# 3172

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

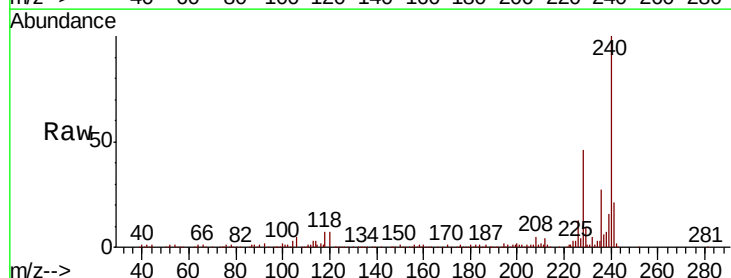
Tgt Ion:240 Resp: 185527

Ion Ratio Lower Upper

240 100

120 7.1 5.3 7.9

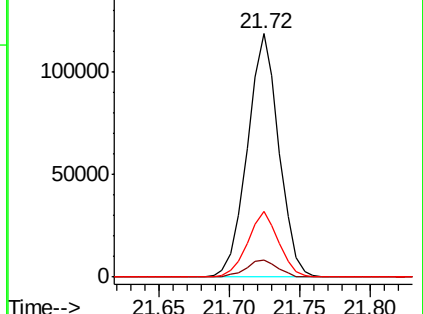
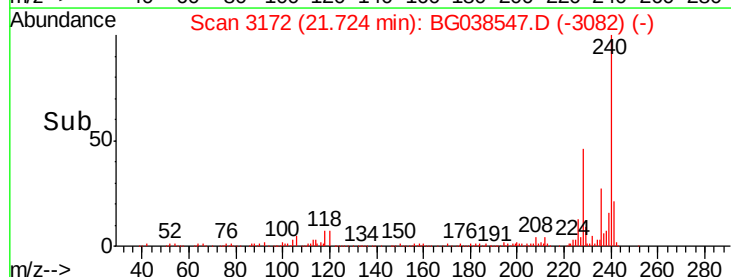
236 27.1 21.4 32.2

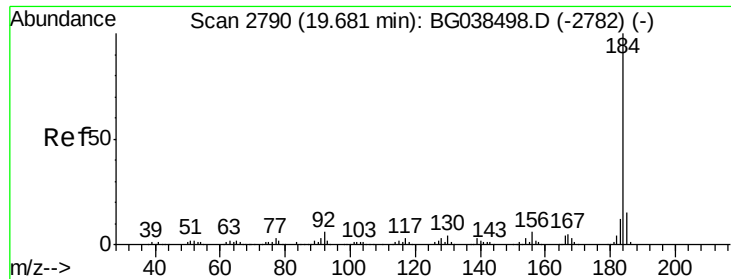


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.777 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

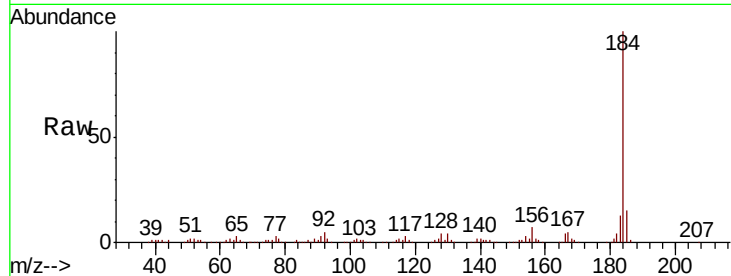
Tgt Ion:184 Resp: 289576

Ion Ratio Lower Upper

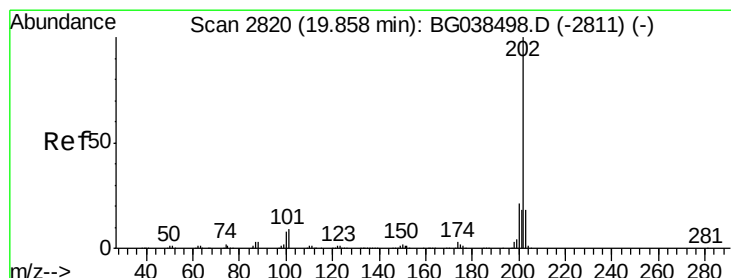
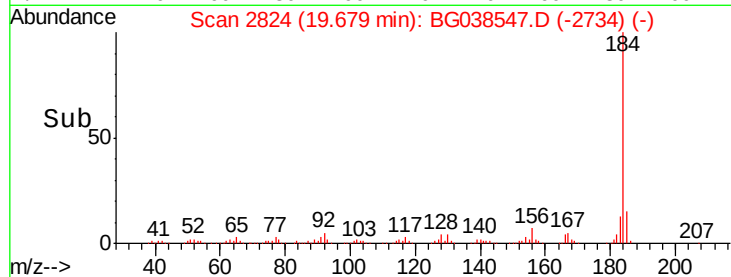
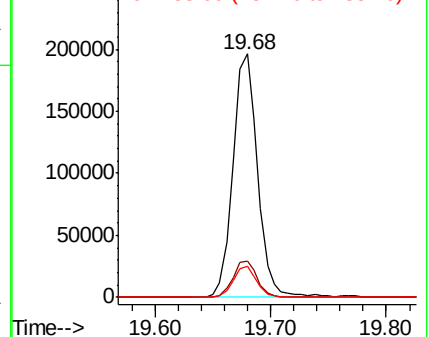
184 100

185 14.8 12.2 18.2

183 12.5 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: 50.884 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

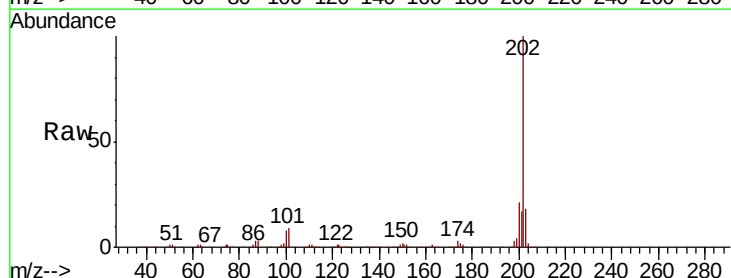
Tgt Ion:202 Resp: 623655

Ion Ratio Lower Upper

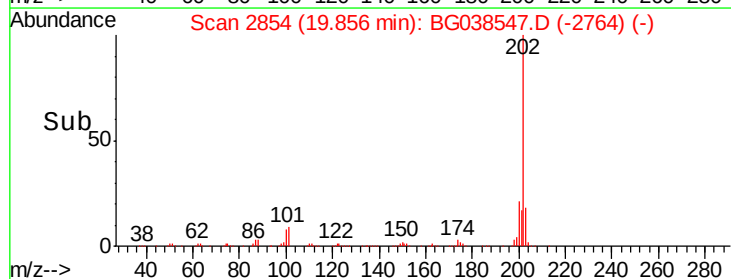
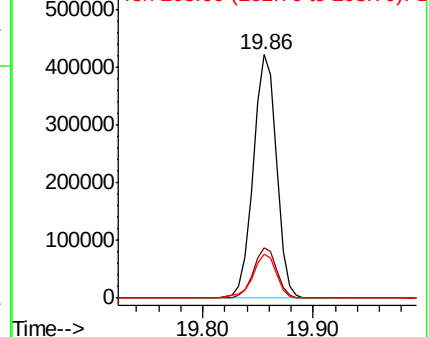
202 100

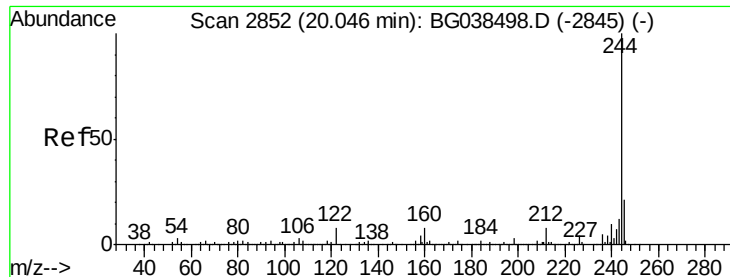
200 20.8 16.6 25.0

203 18.1 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: 96.743 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

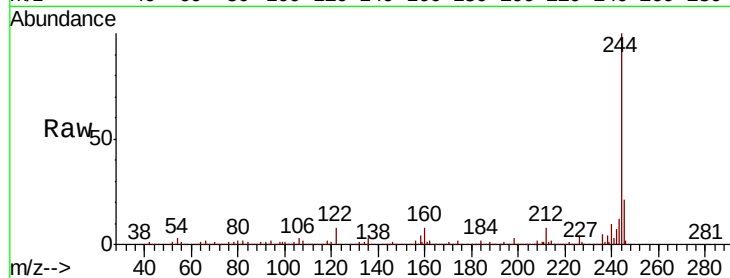
Tgt Ion:244 Resp: 824714

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

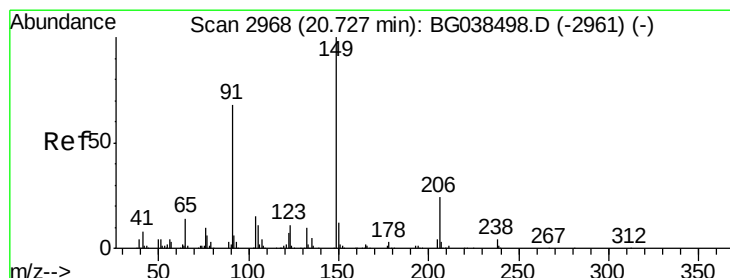
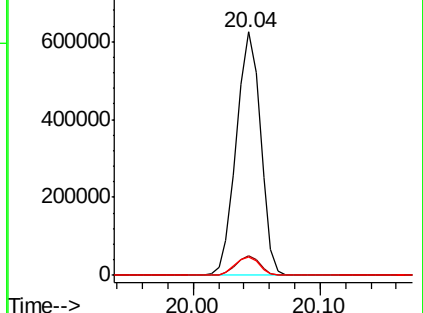
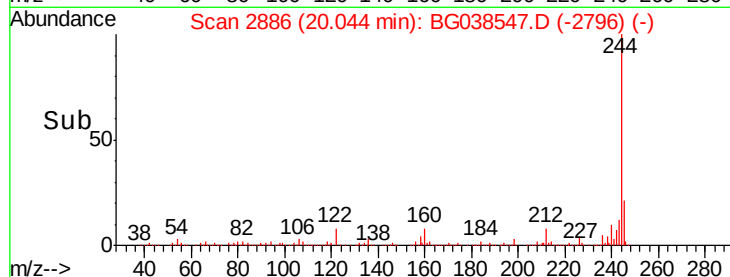
122 7.6 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.518 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

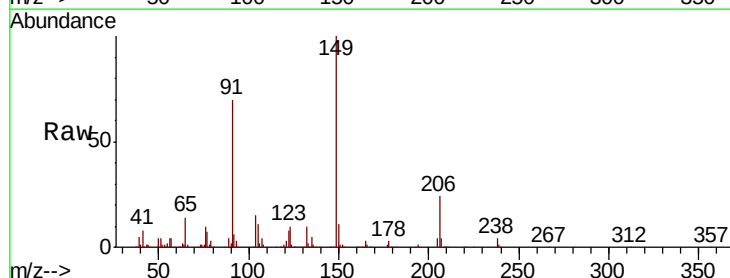
Tgt Ion:149 Resp: 246692

Ion Ratio Lower Upper

149 100

91 70.1 54.5 81.7

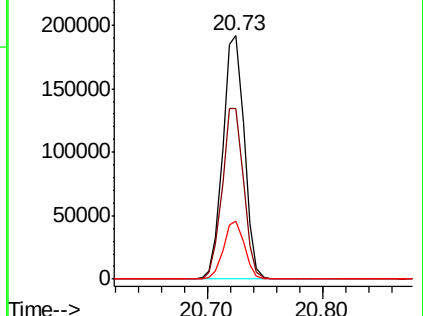
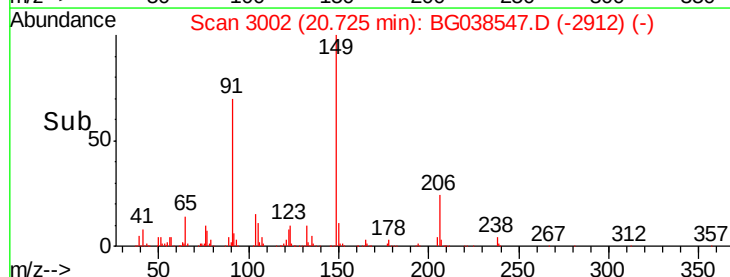
206 23.6 19.0 28.6

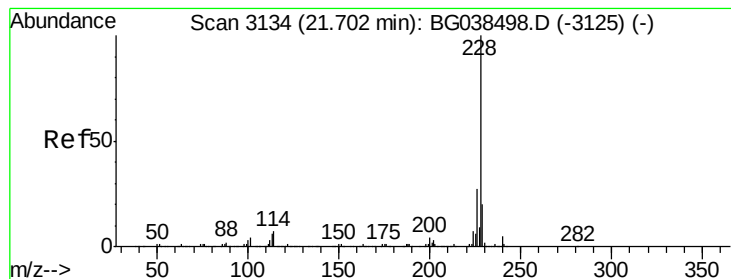


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.988 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

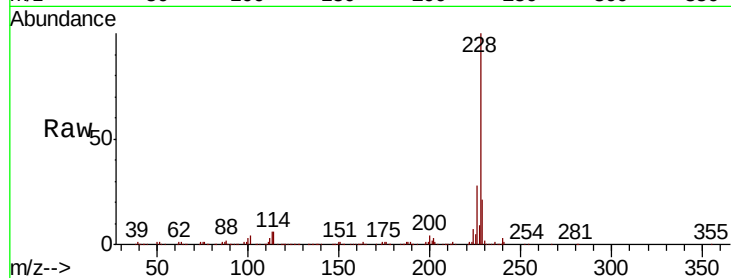
Tgt Ion:228 Resp: 599038

Ion Ratio Lower Upper

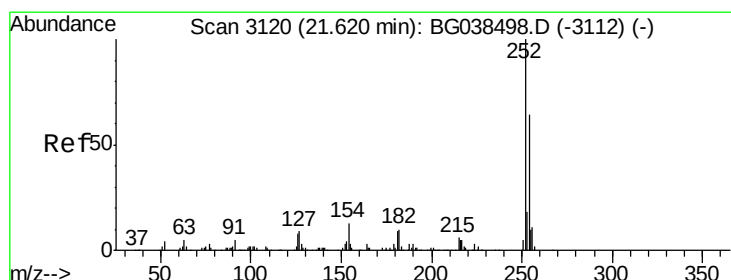
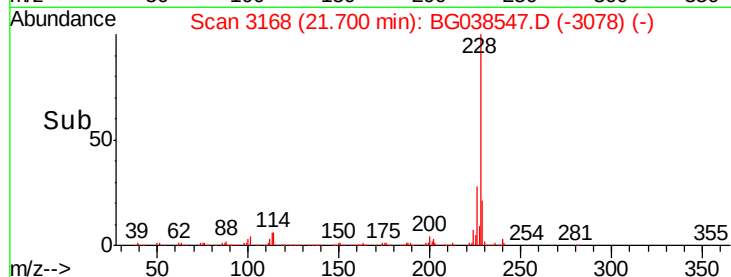
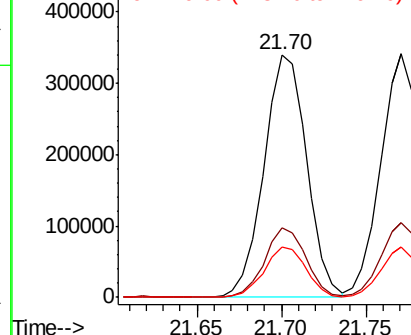
228 100

226 28.4 21.8 32.8

229 20.6 15.8 23.6



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



#82

3,3'-Dichlorobenzidine

Concen: 30.769 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

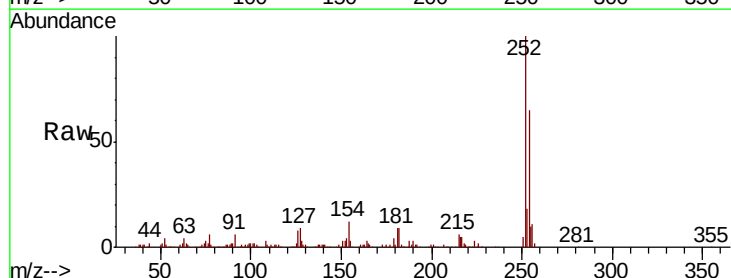
Tgt Ion:252 Resp: 137957

Ion Ratio Lower Upper

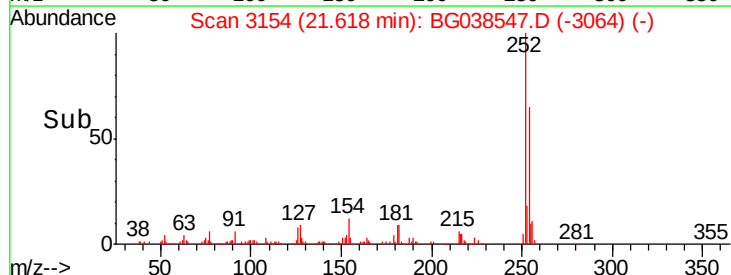
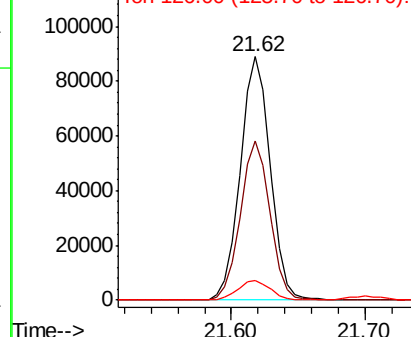
252 100

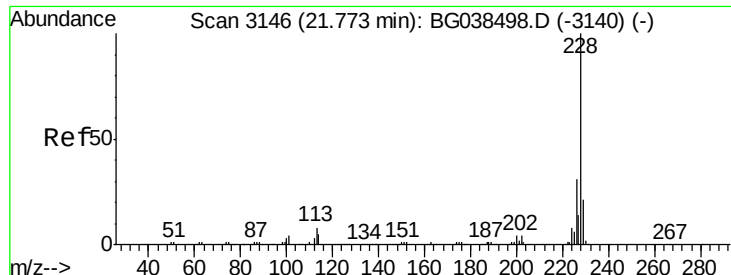
254 65.4 50.9 76.3

126 8.2 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.093 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

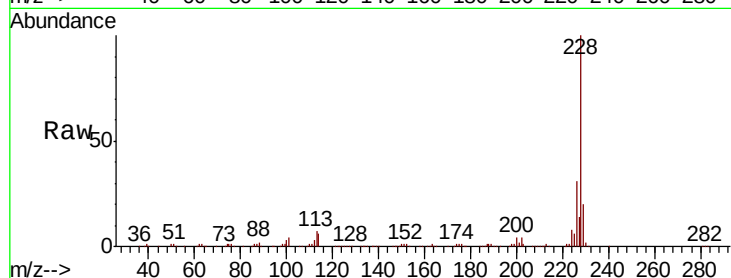
Tgt Ion:228 Resp: 556352

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.4

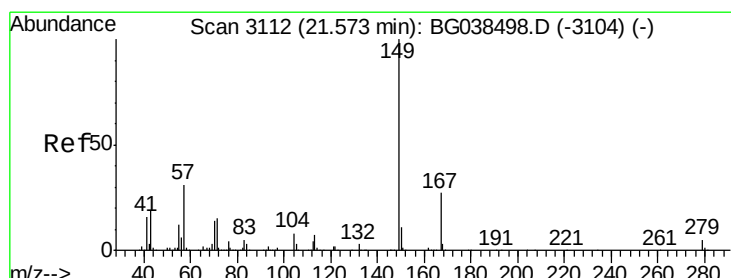
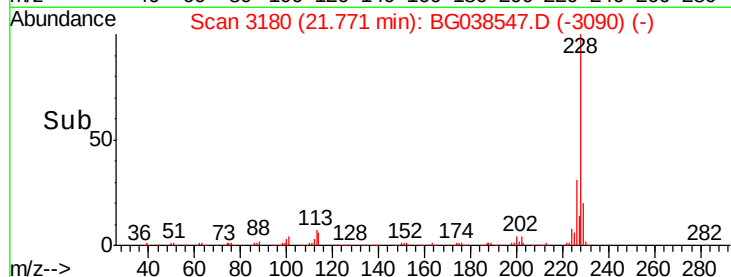
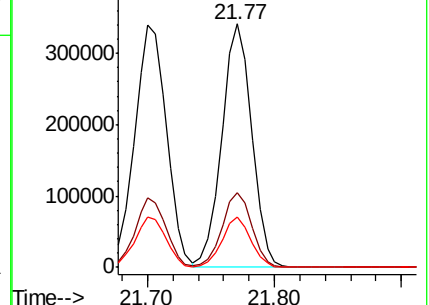
229 20.5 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.393 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

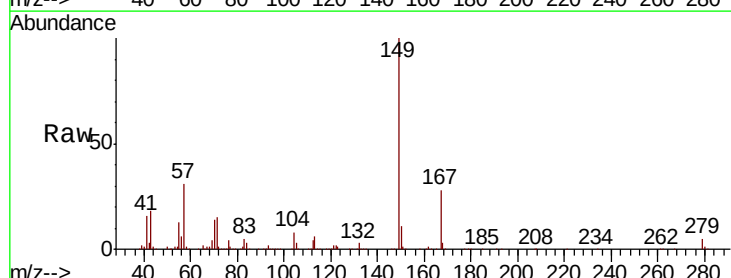
Tgt Ion:149 Resp: 342237

Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

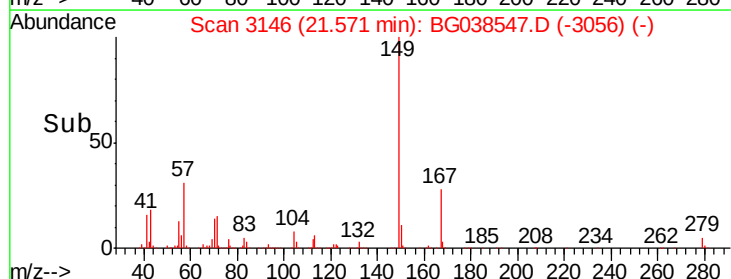
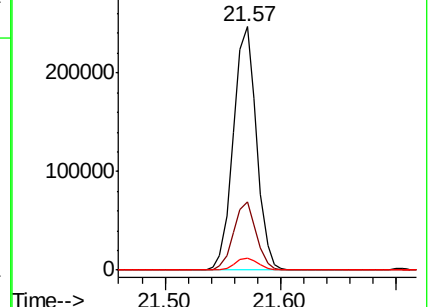
279 5.0 4.2 6.2

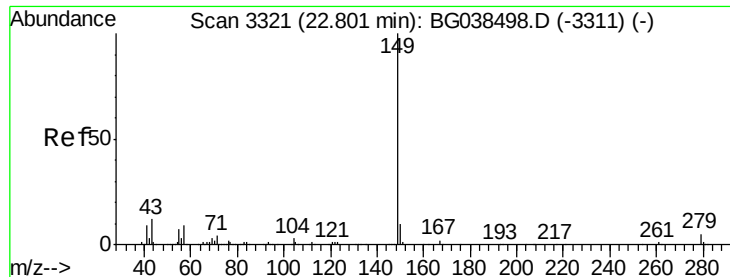


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

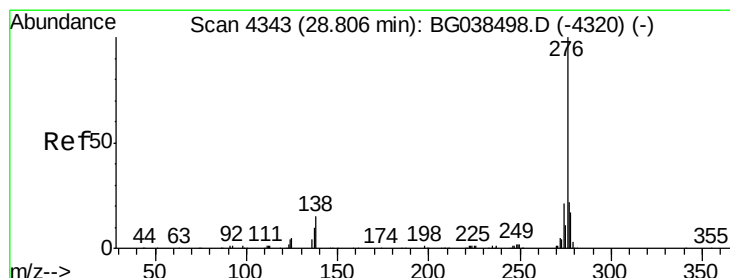
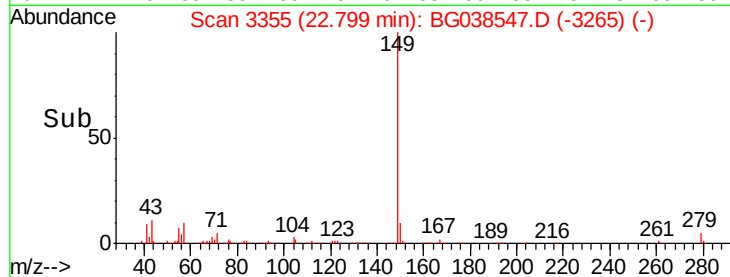
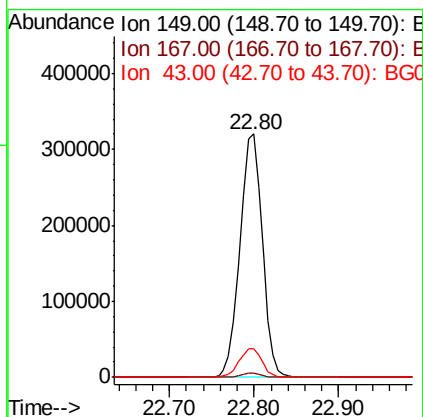
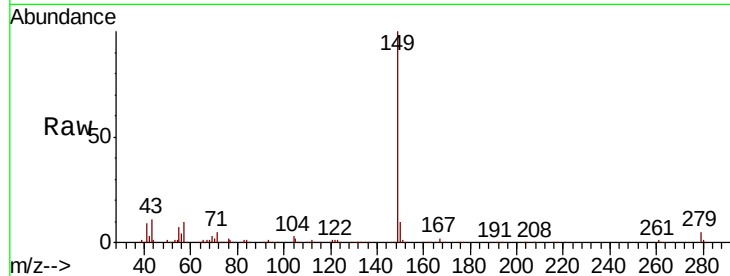




#85
Di-n-octyl phthalate
Concen: 51.494 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

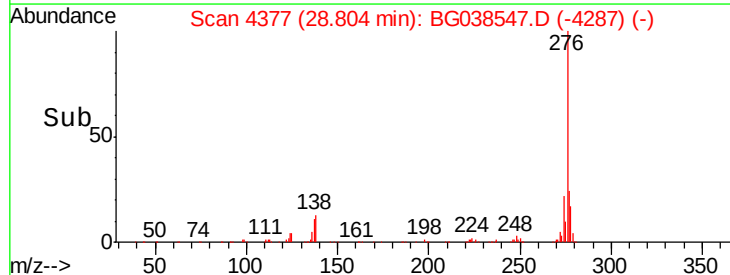
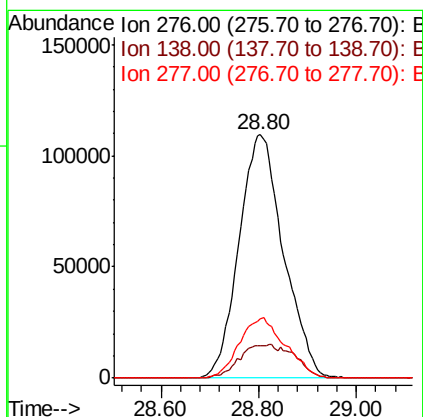
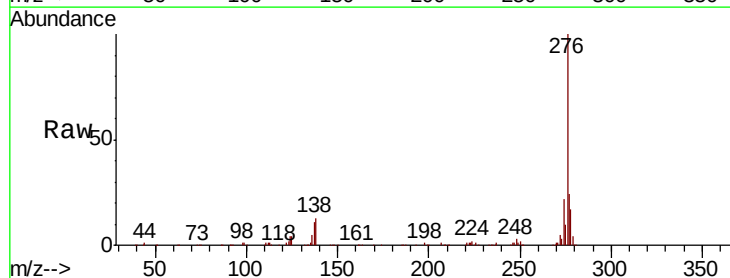
Instrument :
BNA_G
ClientSampleId :
P001-TW001-01MSD

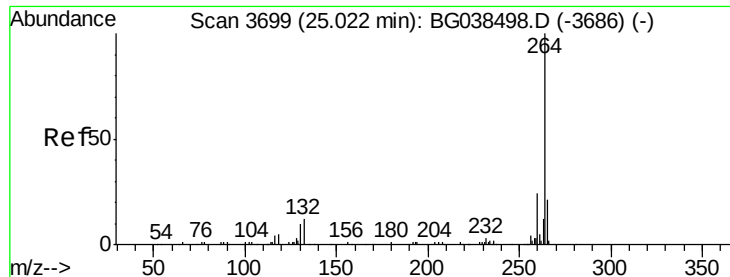
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 54.226 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038547.D
Acq: 14 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.0	14.4	21.6#
277	25.5	0.0	0.0#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

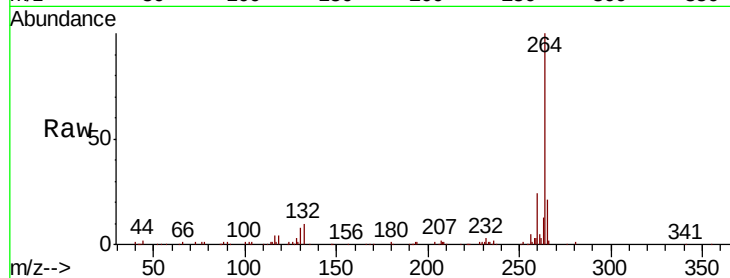
Tgt Ion:264 Resp: 202437

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

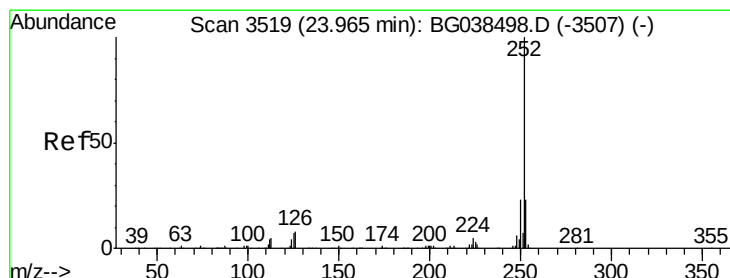
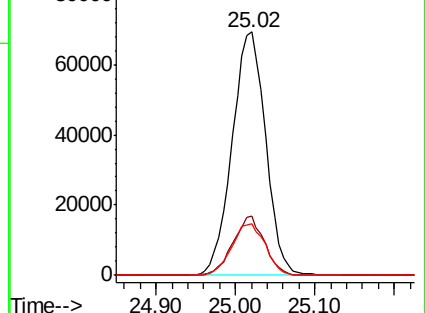
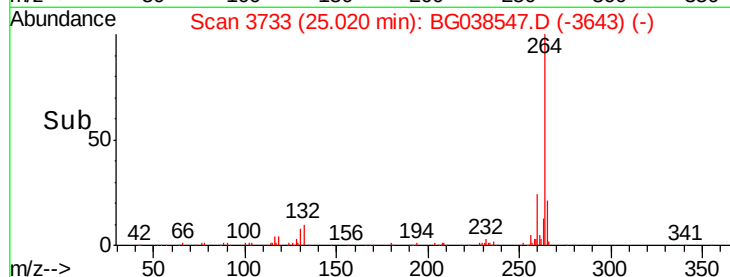
265 21.1 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.578 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

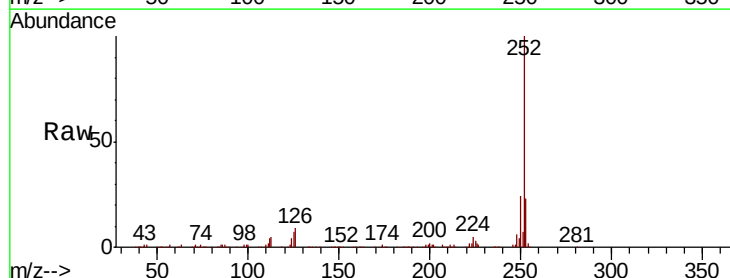
Tgt Ion:252 Resp: 595503

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

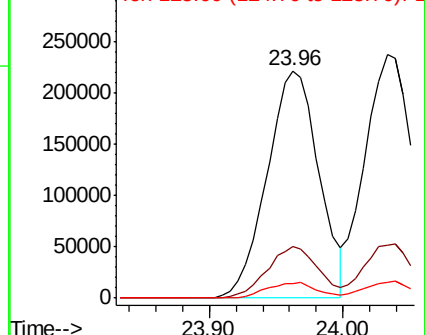
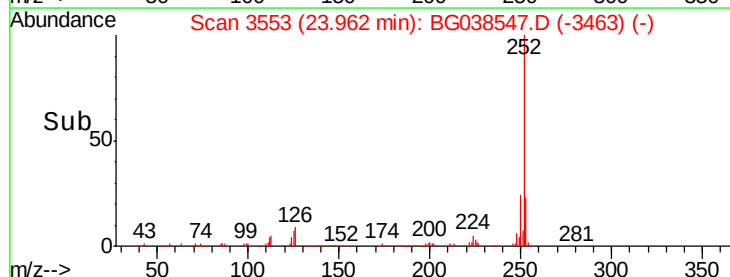
125 6.6 5.5 8.3

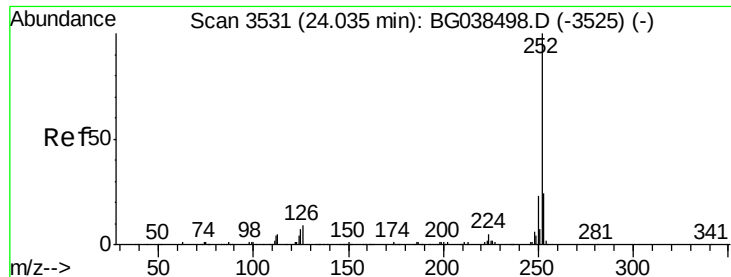


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.439 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

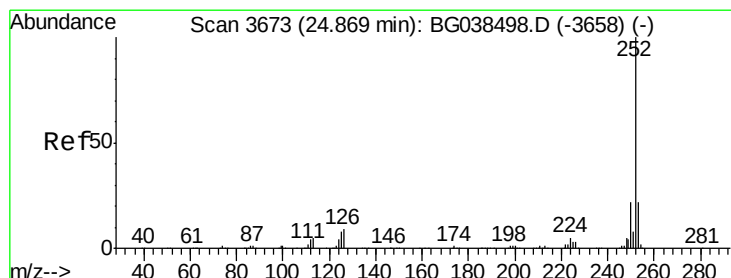
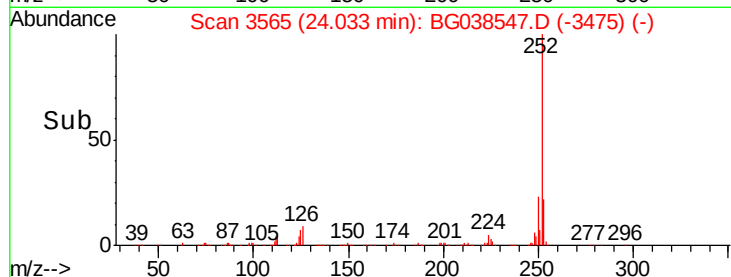
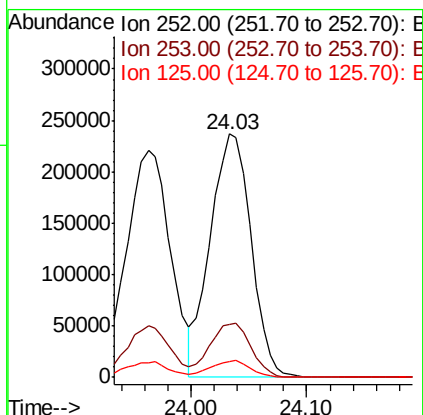
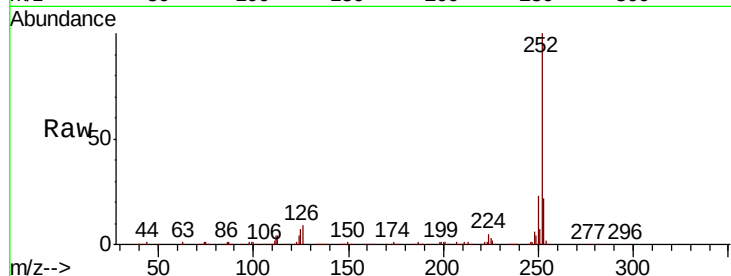
Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

Tgt Ion:	252	Resp:	580385
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.9	28.3
125	6.6	5.4	8.2



#90

Benzo(a)pyrene

Concen: 53.646 ng

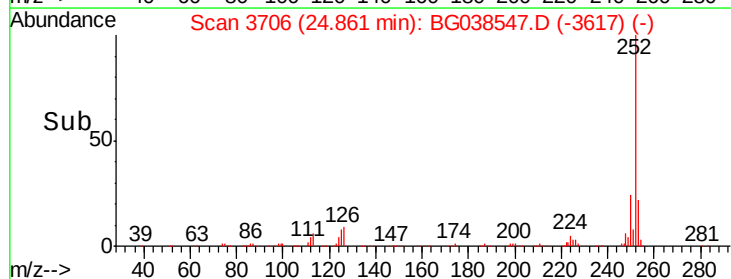
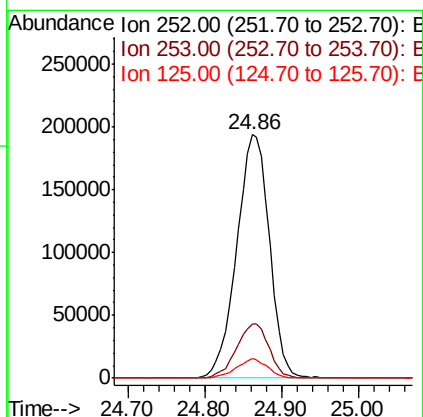
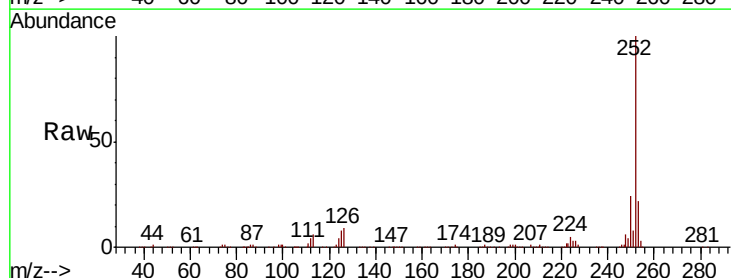
RT: 24.86 min Scan# 3706

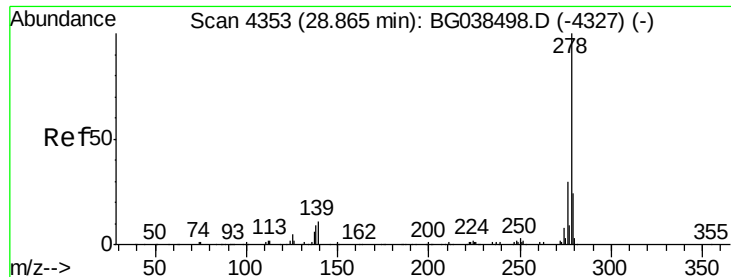
Delta R.T. -0.01 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Tgt Ion:	252	Resp:	575229
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	7.9	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 54.231 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

Instrument :

BNA_G

ClientSampleId :

P001-TW001-01MSD

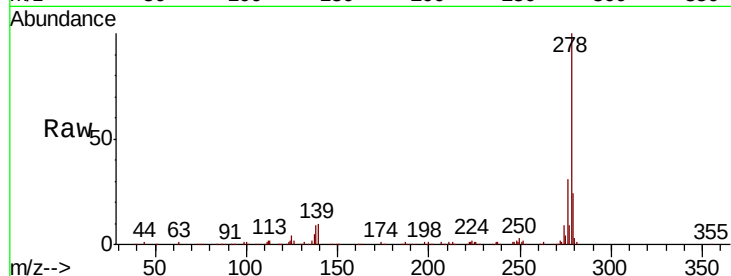
Tgt Ion:278 Resp: 578989

Ion Ratio Lower Upper

278 100

139 9.6 8.6 12.8

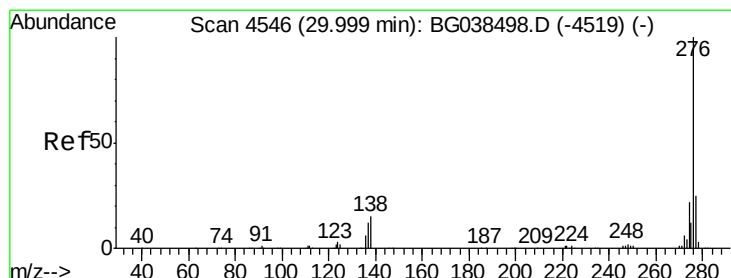
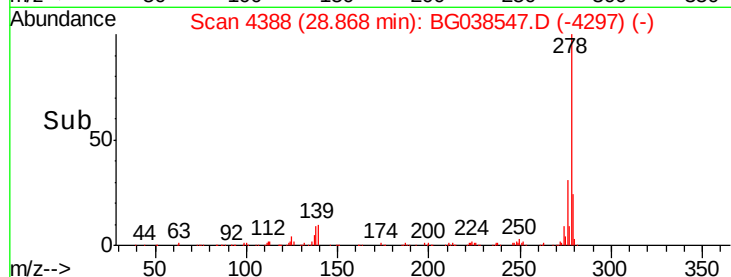
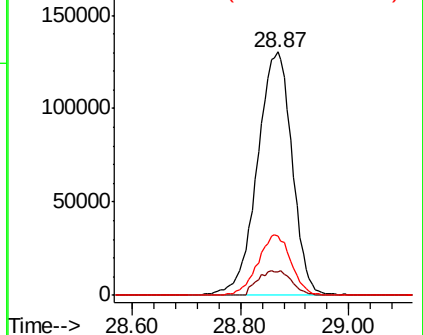
279 24.3 19.0 28.6



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: 54.716 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038547.D

Acq: 14 Dec 2018 00:38

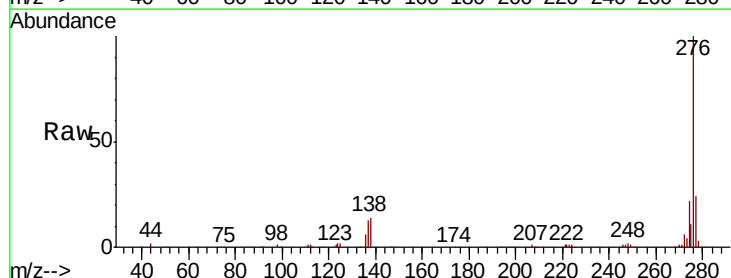
Tgt Ion:276 Resp: 575701

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 13.8 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

