

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038503.D
 Acq On : 12 Dec 2018 17:28
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 12 18:15:48 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	25055	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	106603	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70862	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	181528	20.00	ng	0.00
76) Chrysene-d12	21.72	240	180715	20.00	ng	0.00
87) Perylene-d12	25.03	264	203401	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	119918	84.89	ng	0.00
7) Phenol-d6	7.21	99	164405	84.78	ng	0.00
23) Nitrobenzene-d5	9.24	82	172757	82.79	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	83412	85.41	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	408977	79.18	ng	0.00
79) Terphenyl-d14	20.04	244	682976	82.25	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	27899	42.435 ng	98
3) Pyridine	3.90	79	75051	41.462 ng	92
4) n-Nitrosodimethylamine	3.82	42	38376	43.269 ng	87
6) Aniline	7.39	93	107276	43.334 ng	99
8) 2-Chlorophenol	7.62	128	67019	40.997 ng	97
9) Benzaldehyde	7.20	77	50156	39.869 ng	98
10) Phenol	7.24	94	86702	42.083 ng	96
11) bis(2-Chloroethyl)ether	7.48	93	68478	41.747 ng	96
12) 1,3-Dichlorobenzene	7.95	146	79827	41.300 ng	97
13) 1,4-Dichlorobenzene	8.10	146	81625	41.233 ng	99
14) 1,2-Dichlorobenzene	8.42	146	77059	41.291 ng	98
15) Benzyl Alcohol	8.30	79	65830	43.490 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	156496	41.649 ng	99
17) 2-Methylphenol	8.49	107	59173	42.868 ng	99
18) Hexachloroethane	9.14	117	30464	42.114 ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	59286	43.528 ng	97
20) 3+4-Methylphenols	8.83	107	83843	43.981 ng	95
22) Acetophenone	8.89	105	108476	40.739 ng	# 98
24) Nitrobenzene	9.28	77	87163	41.291 ng	96
25) Isophorone	9.79	82	177583	47.366 ng	98
26) 2-Nitrophenol	9.99	139	42616	39.444 ng	96
27) 2,4-Dimethylphenol	10.03	122	59521	38.440 ng	94
28) bis(2-Chloroethoxy)methane	10.28	93	87060	41.148 ng	98
29) 2,4-Dichlorophenol	10.52	162	73783	42.832 ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	85326	41.007 ng	98
31) Naphthalene	10.93	128	210229	40.025 ng	98
32) Benzoic acid	10.19	122	34932	38.160 ng	94
33) 4-Chloroaniline	11.04	127	96685	42.399 ng	98
34) Hexachlorobutadiene	11.19	225	57461	40.812 ng	98
35) Caprolactam	11.83	113	29424	41.274 ng	97
36) 4-Chloro-3-methylphenol	12.15	107	80627	41.015 ng	95
37) 2-Methylnaphthalene	12.53	142	153501	40.965 ng	97
38) 1-Methylnaphthalene	12.75	142	147940	40.686 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	105531	39.841 ng	99

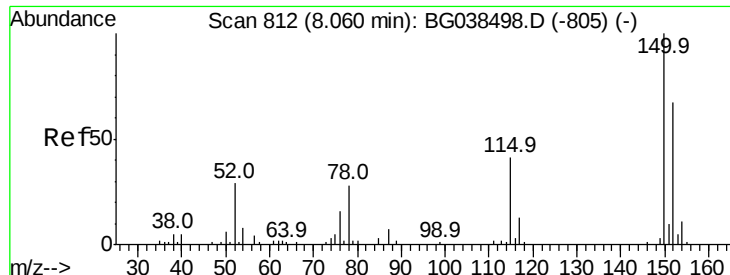
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	57148	39.271	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	68242	41.901	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	73885	42.848	ng	95
46) 1,1'-Biphenyl	13.53	154	231442	38.960	ng	97
47) 2-Chloronaphthalene	13.58	162	181053	39.456	ng	98
48) 2-Nitroaniline	13.79	65	62608	42.834	ng	98
49) Acenaphthylene	14.43	152	277494	40.451	ng	99
50) Dimethylphthalate	14.15	163	238237	41.169	ng	99
51) 2,6-Dinitrotoluene	14.28	165	54475	41.540	ng	96
52) Acenaphthene	14.76	154	165467	40.338	ng	100
53) 3-Nitroaniline	14.61	138	57944	43.345	ng	98
54) 2,4-Dinitrophenol	14.82	184	29767	40.859	ng	96
55) Dibenzofuran	15.10	168	280512	39.894	ng	99
56) 4-Nitrophenol	14.91	139	44044	43.430	ng	97
57) 2,4-Dinitrotoluene	15.07	165	78447	42.472	ng	97
58) Fluorene	15.74	166	212440	40.779	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	65030	41.917	ng	98
60) Diethylphthalate	15.50	149	258621	40.711	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	130859	40.259	ng	97
62) 4-Nitroaniline	15.78	138	59297	43.085	ng	97
63) Azobenzene	16.03	77	218086	41.094	ng	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	53466	41.289	ng	97
66) n-Nitrosodiphenylamine	15.95	169	210331	39.434	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	88830	40.068	ng	99
68) Hexachlorobenzene	16.74	284	90935	39.569	ng	97
69) Atrazine	16.89	200	82948	41.906	ng	96
70) Pentachlorophenol	17.09	266	58437	42.990	ng	95
71) Phenanthrene	17.49	178	372179	39.537	ng	98
72) Anthracene	17.58	178	368853	39.691	ng	99
73) Carbazole	17.85	167	373151	40.601	ng	100
74) Di-n-butylphthalate	18.39	149	430389	40.812	ng	99
75) Fluoranthene	19.50	202	460847	39.568	ng	98
77) Benzidine	19.68	184	249178	46.623	ng	99
78) Pyrene	19.86	202	469833	39.354	ng	99
80) Butylbenzylphthalate	20.73	149	191967	41.157	ng	97
81) Benzo(a)anthracene	21.71	228	453766	41.207	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	184183	42.173	ng	99
83) Chrysene	21.77	228	427144	40.272	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	274288	41.463	ng	99
85) Di-n-octyl phthalate	22.80	149	459386	41.465	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	519704	41.677	ng	# 99
88) Benzo(b)fluoranthene	23.97	252	459947	41.186	ng	99
89) Benzo(k)fluoranthene	24.04	252	441673	39.717	ng	98
90) Benzo(a)pyrene	24.87	252	442190	41.043	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	433162	40.380	ng	99
92) Benzo(g,h,i)perylene	30.00	276	423919	40.100	ng	99

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

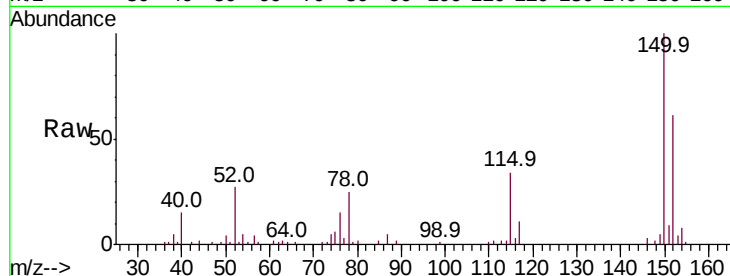


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	119.5	179.3
115	55.1	49.6	74.4

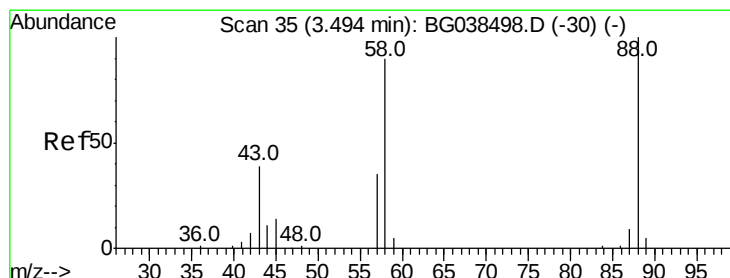
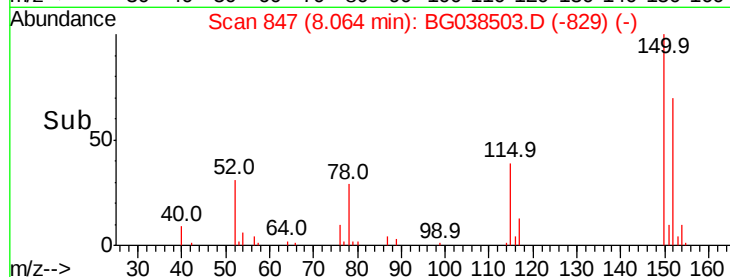
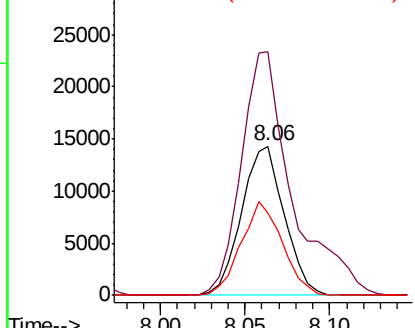


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

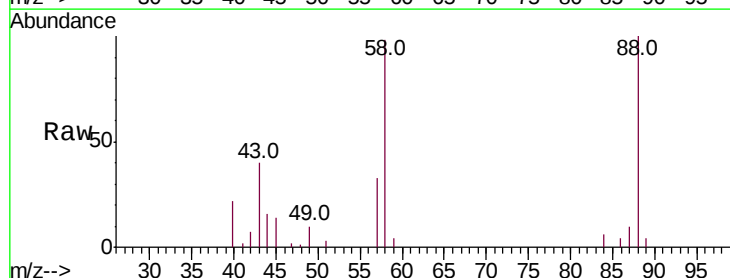
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.435 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.0	75.7	113.5
43	40.8	31.6	47.4

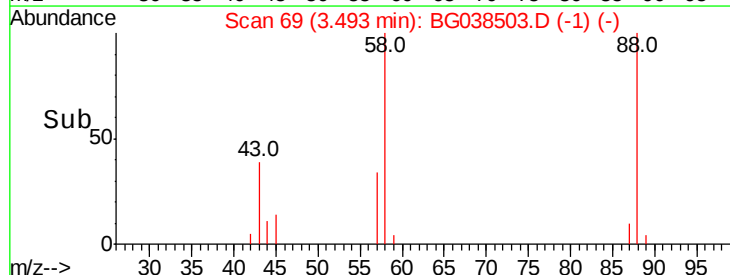
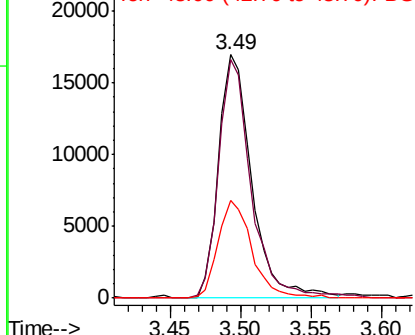


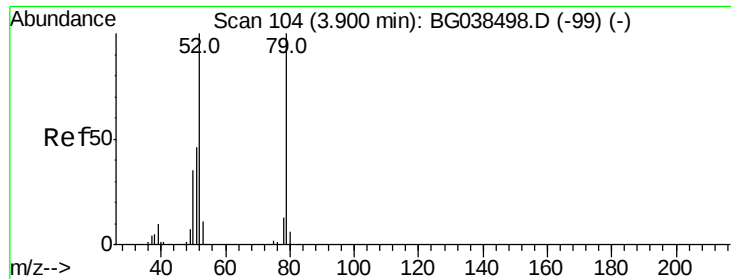
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

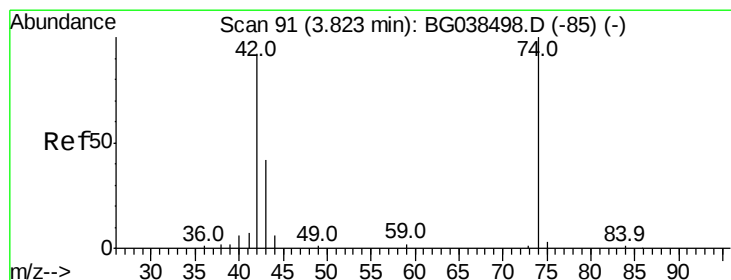
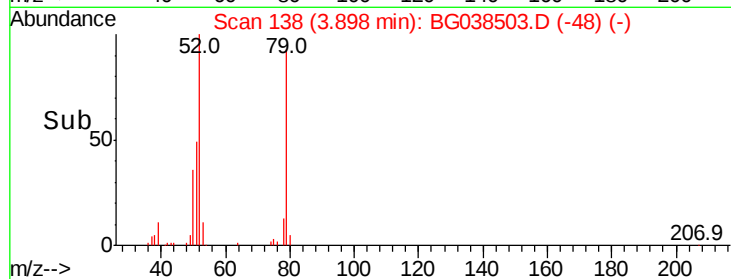
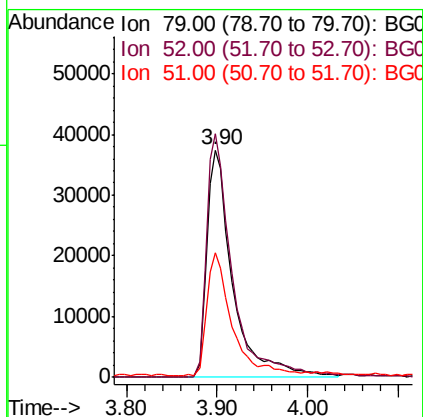
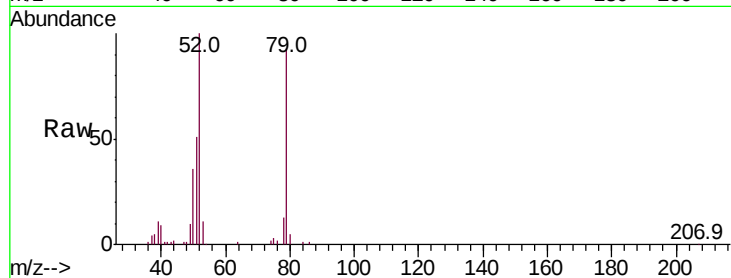




#3
 Pvridine
 Concen: 41.462 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

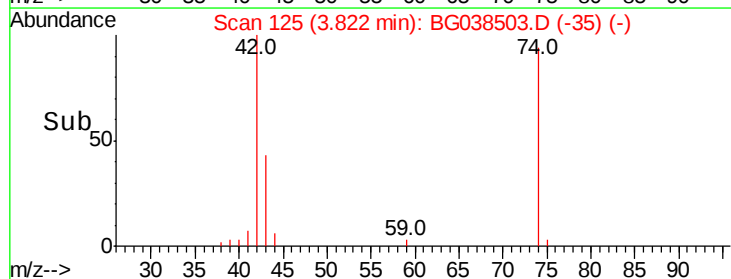
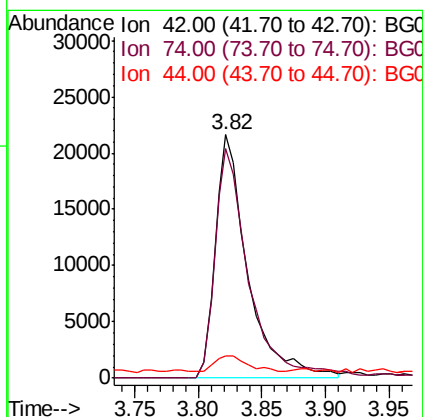
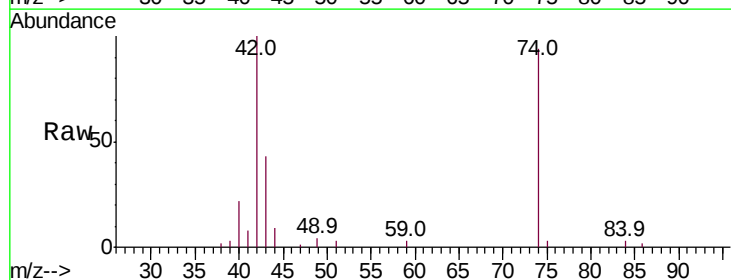
Instrument :
 BNA_G
 ClientSampled :

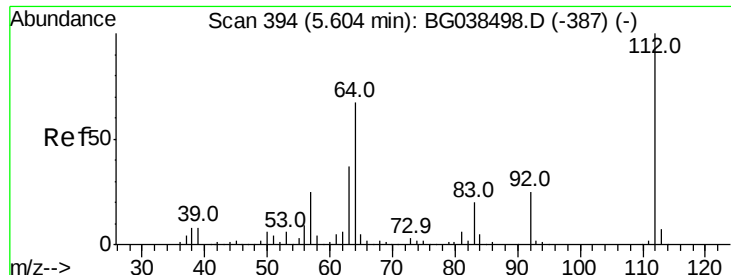
Tot Ion: 79 Resp: 75051
 Ion Ratio Lower Upper
 79 100
 52 107.0 80.2 120.2
 51 54.7 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 43.269 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion: 42 Resp: 38376
 Ion Ratio Lower Upper
 42 100
 74 94.2 86.7 130.1
 44 9.2 7.8 11.8

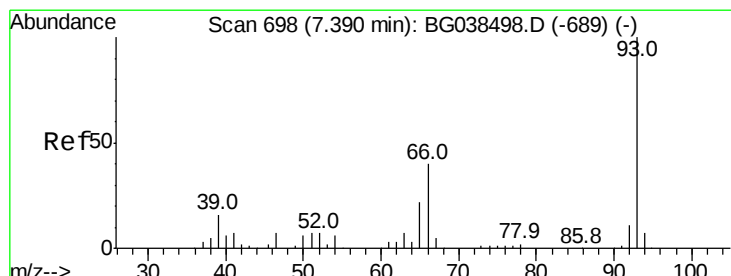
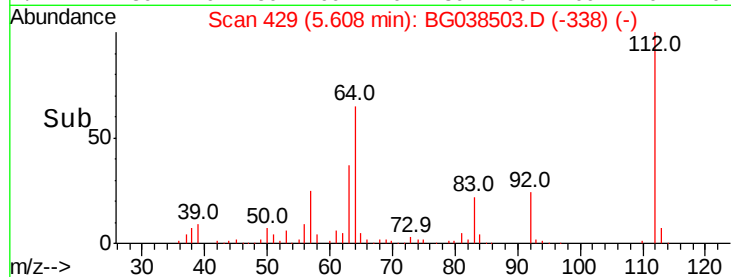
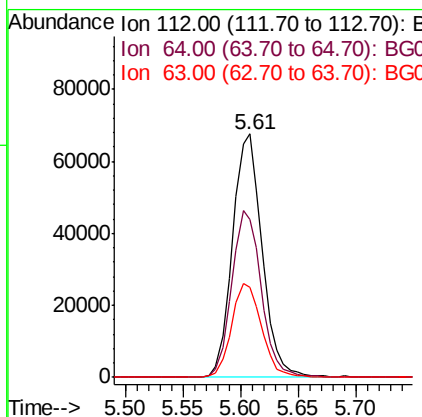
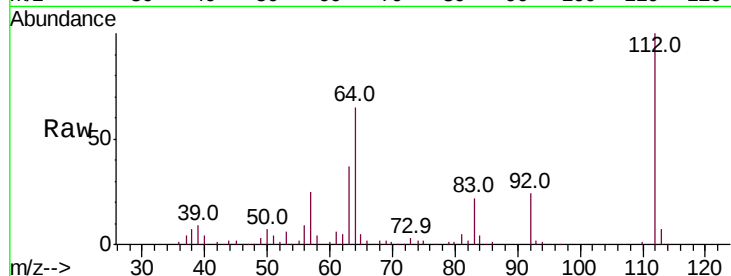




#5
 2-Fluorophenol
 Concen: 84.890 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

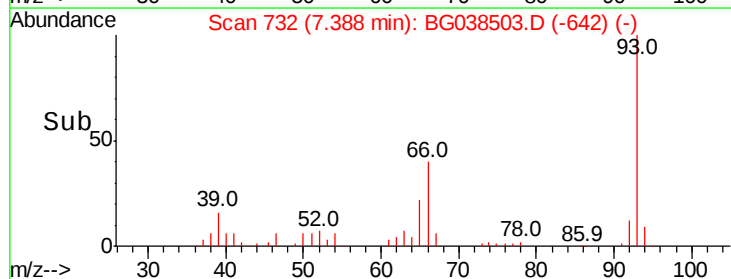
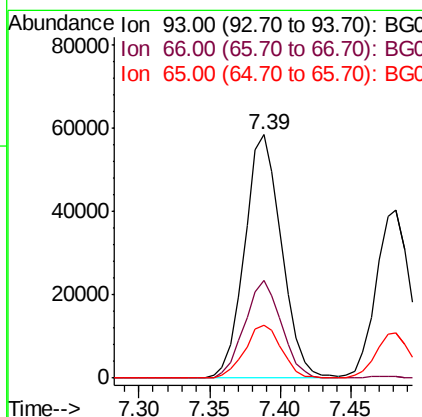
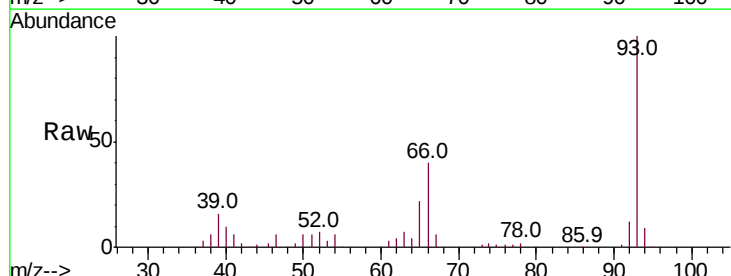
Instrument :
 BNA_G
 ClientSampleId :

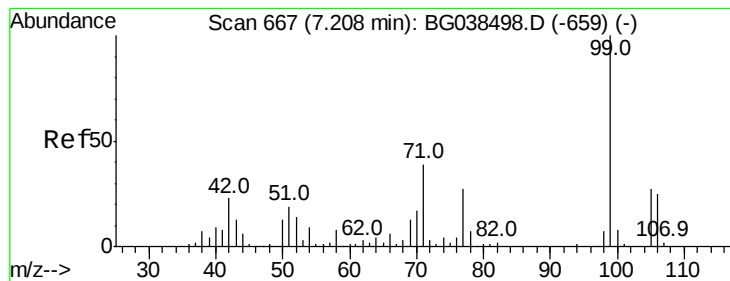
Tot Ion:112 Resp: 119918
 Ion Ratio Lower Upper
 112 100
 64 64.6 53.4 80.2
 63 37.2 29.3 43.9



#6
 Aniline
 Concen: 43.334 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion: 93 Resp: 107276
 Ion Ratio Lower Upper
 93 100
 66 40.3 31.7 47.5
 65 21.6 17.8 26.6





#7

Phenol-d6

Concen: 84.777 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

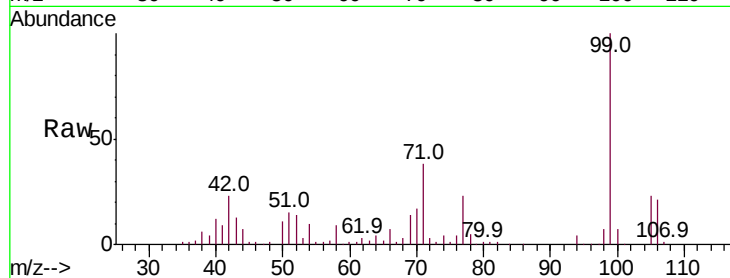
Tot Ion: 99 Resp: 164405

Ion Ratio Lower Upper

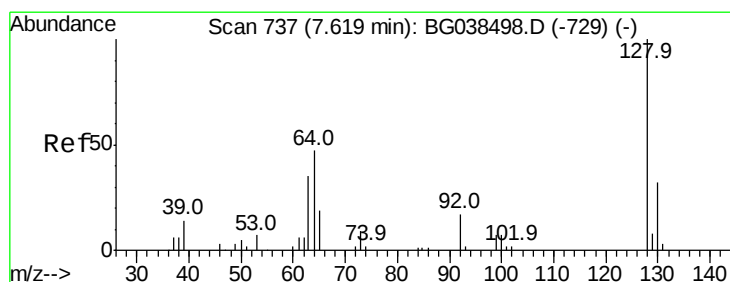
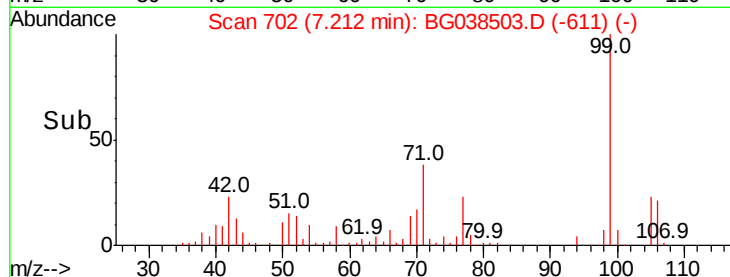
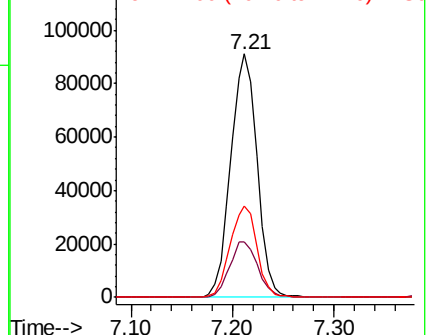
99 100

42 22.9 18.5 27.7

71 37.5 31.1 46.7



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



#8

2-Chlorophenol

Concen: 40.997 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

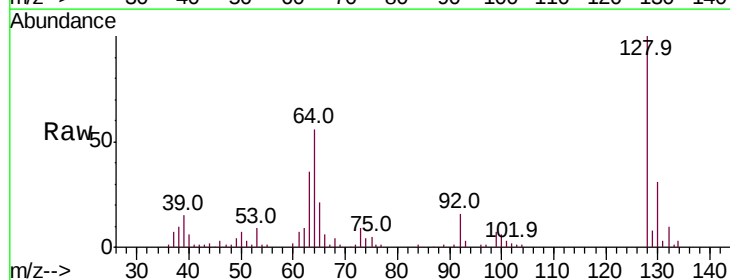
Tgt Ion: 128 Resp: 67019

Ion Ratio Lower Upper

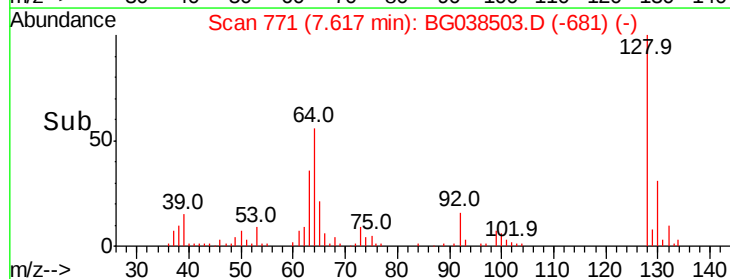
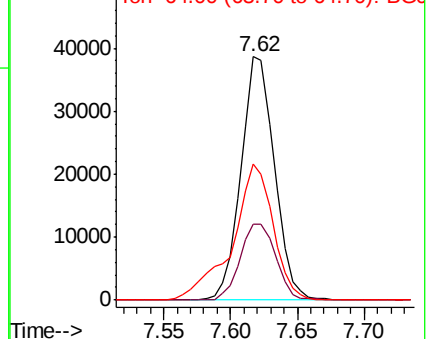
128 100

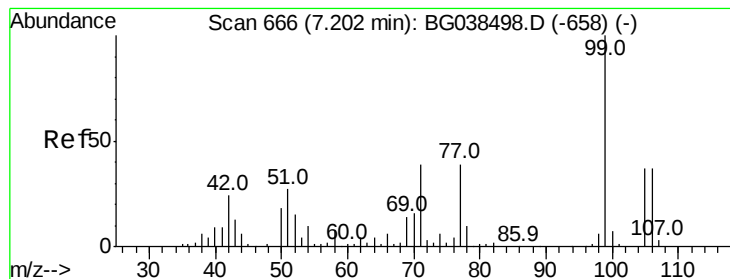
130 31.4 11.8 51.8

64 56.0 33.2 73.2



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





#9

Benzaldehyde

Concen: 39.869 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampled :

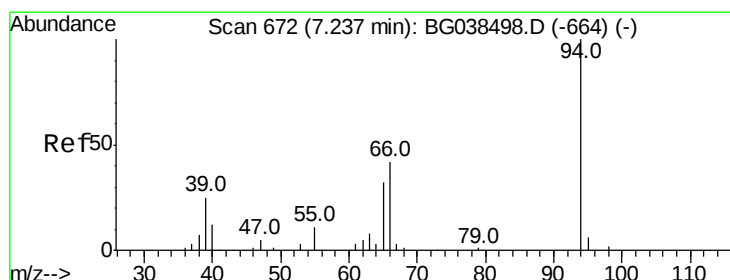
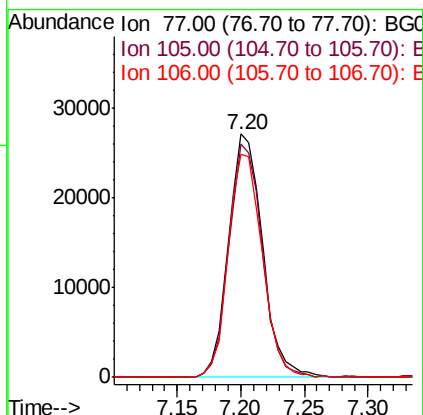
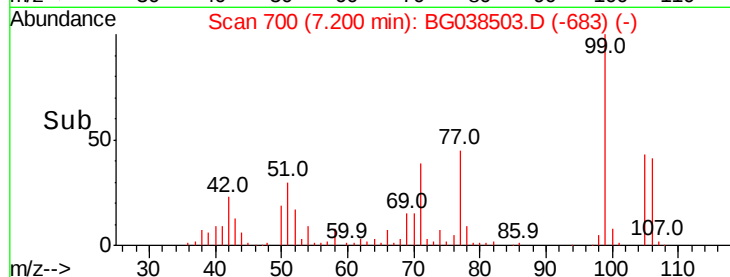
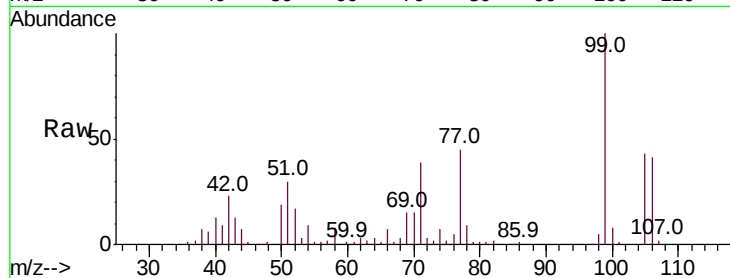
Tot Ion: 77 Resp: 50156

Ion Ratio Lower Upper

77 100

105 95.9 74.0 114.0

106 91.9 73.9 113.9



#10

Phenol

Concen: 42.083 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

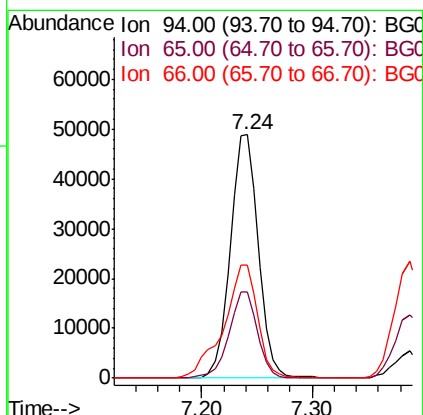
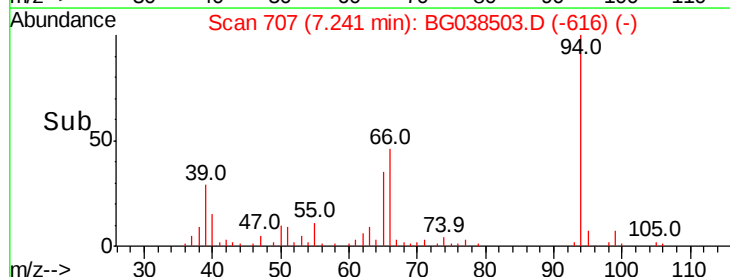
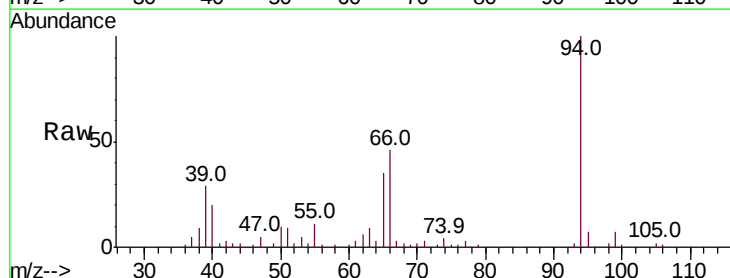
Tgt Ion: 94 Resp: 86702

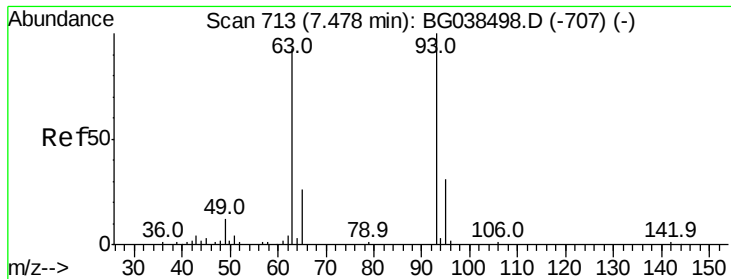
Ion Ratio Lower Upper

94 100

65 35.4 12.6 52.6

66 46.4 24.1 64.1

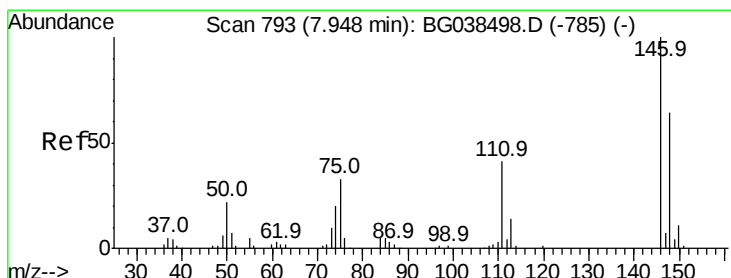
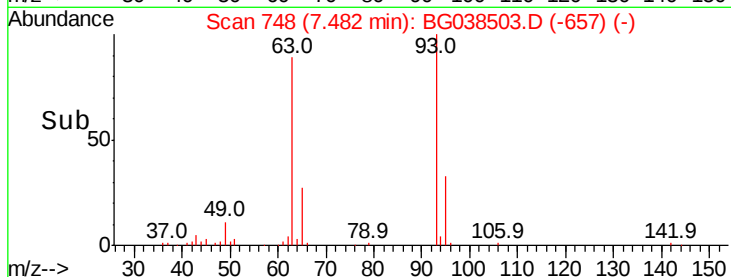
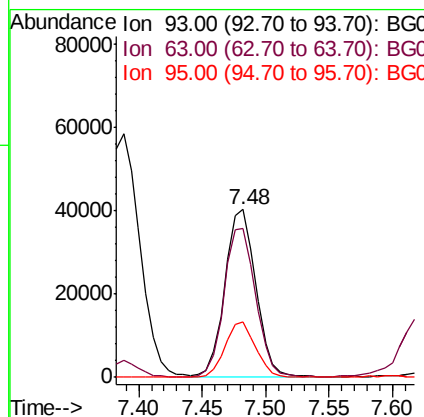
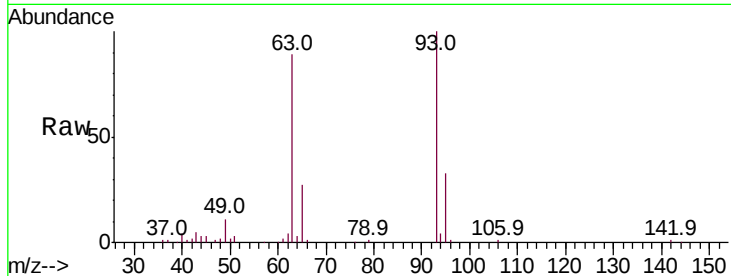




#11
 bis(2-Chloroethyl)ether
 Concen: 41.747 ng
 RT: 7.48 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

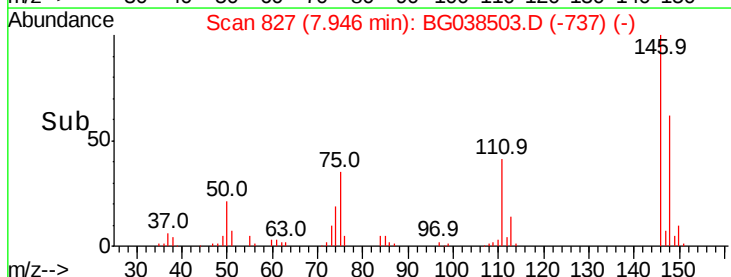
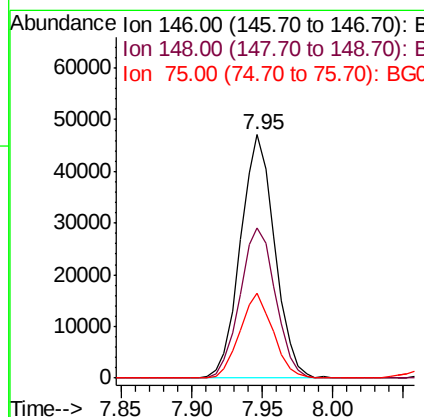
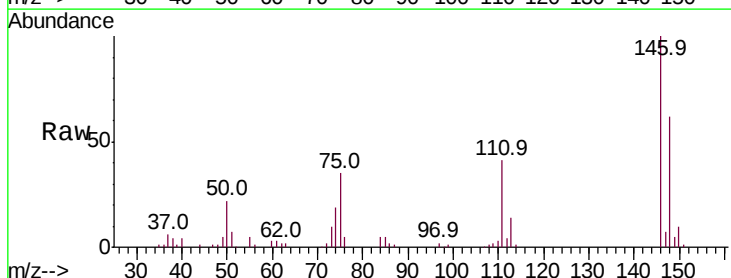
Instrument :
 BNA_G
 ClientSampleId :

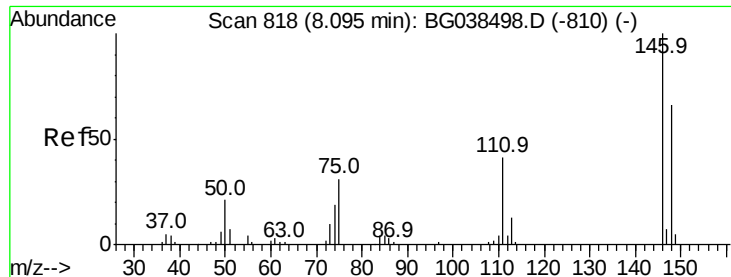
Tot Ion: 93 Resp: 68478
 Ion Ratio Lower Upper
 93 100
 63 88.7 72.2 112.2
 95 33.2 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 41.300 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion: 146 Resp: 79827
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.4 77.0
 75 34.7 26.1 39.1

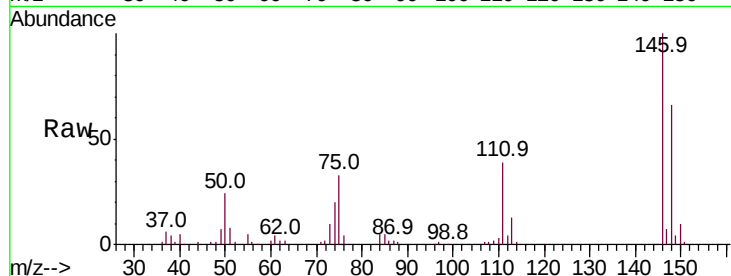




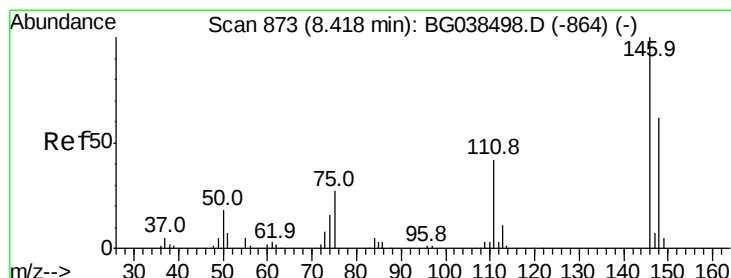
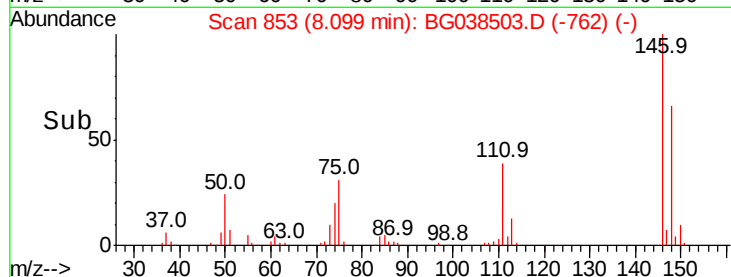
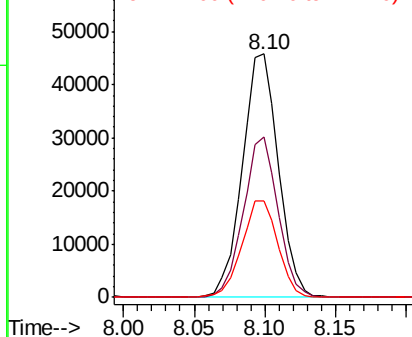
#13
 1,4-Dichlorobenzene
 Concen: 41.233 ng
 RT: 8.10 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 81625
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.4 78.6
 111 39.4 33.0 49.4

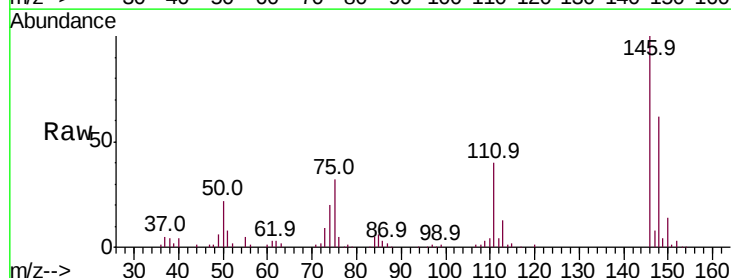


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

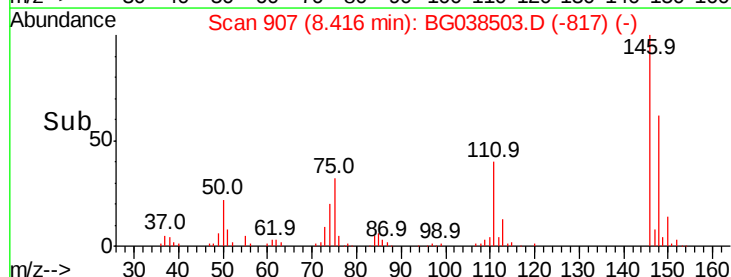
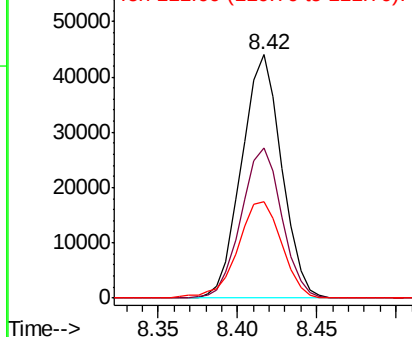


#14
 1,2-Dichlorobenzene
 Concen: 41.291 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion:146 Resp: 77059
 Ion Ratio Lower Upper
 146 100
 148 61.9 49.4 74.0
 111 39.5 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: 43.490 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampled :

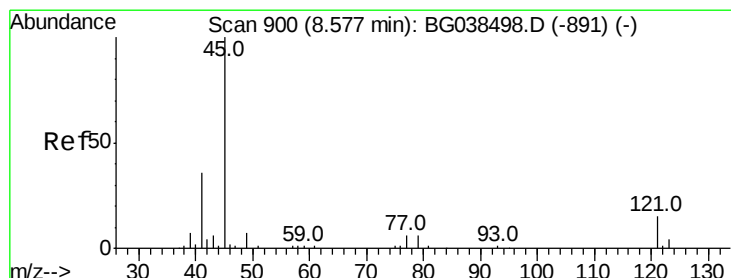
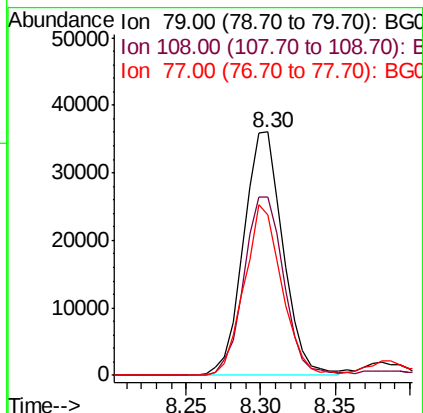
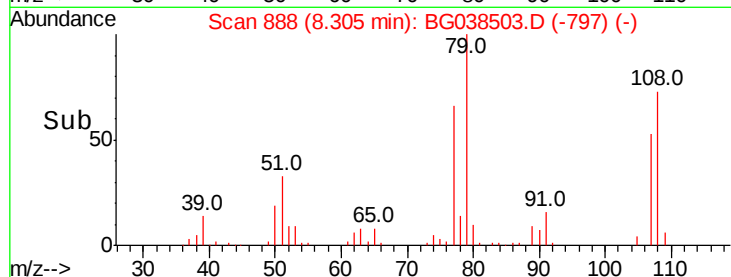
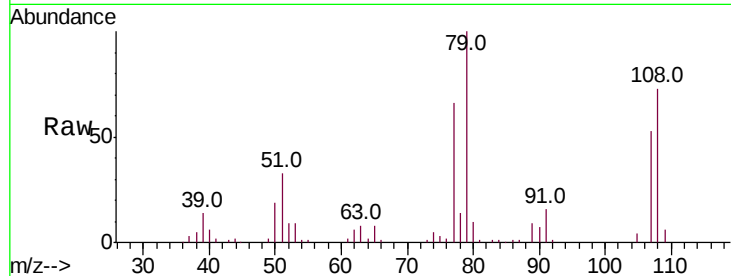
Tot Ion: 79 Resp: 65830

Ion Ratio Lower Upper

79 100

108 73.0 60.2 90.4

77 66.0 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.649 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

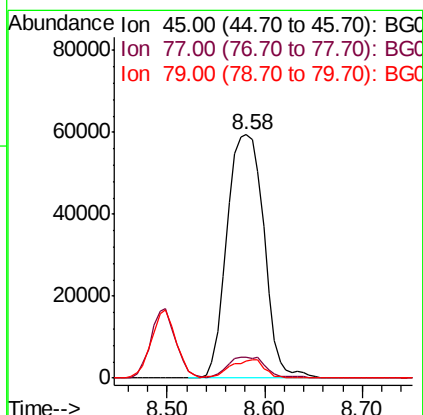
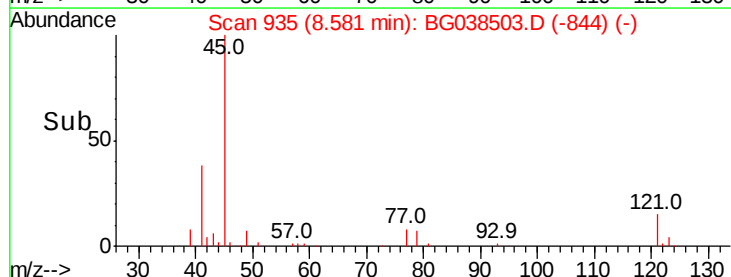
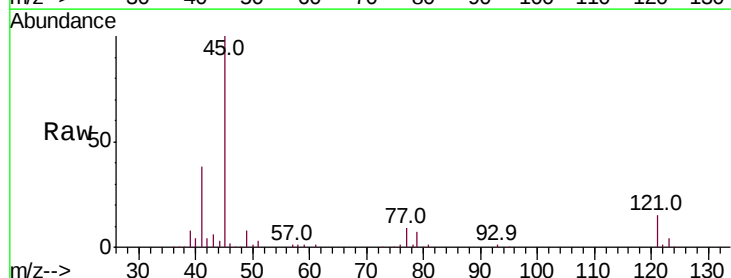
Tgt Ion: 45 Resp: 156496

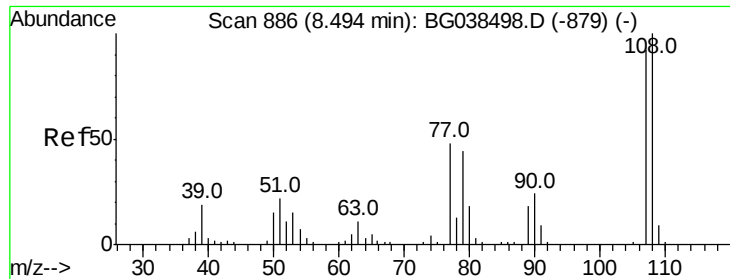
Ion Ratio Lower Upper

45 100

77 8.5 0.0 28.2

79 7.2 0.0 27.2

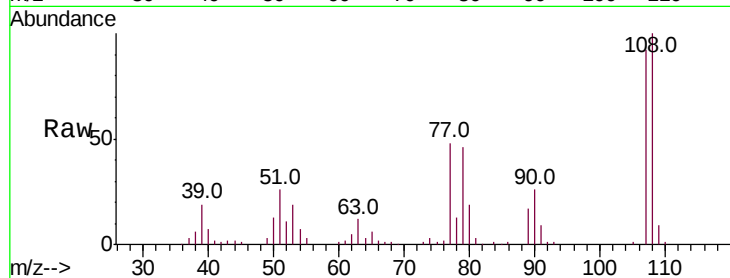




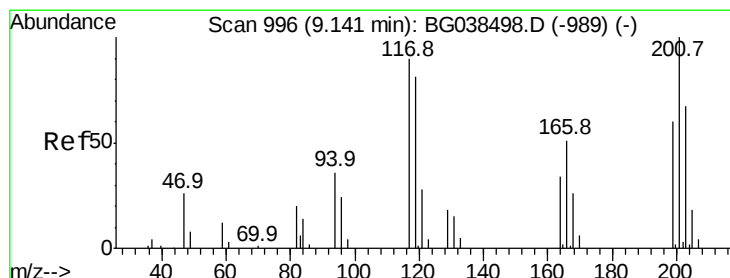
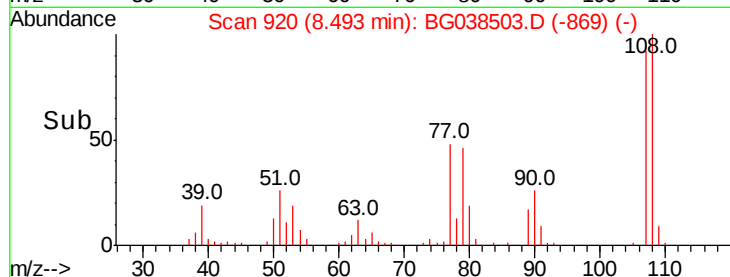
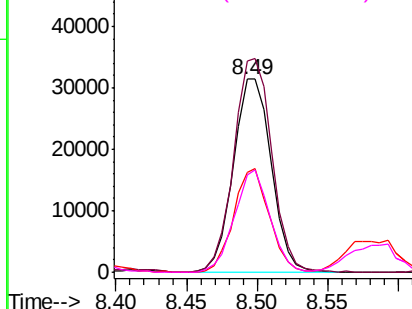
#17
2-Methylphenol
Concen: 42.868 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 59173
Ion Ratio Lower Upper
107 100
108 109.2 87.1 130.7
77 52.0 42.0 63.0
79 50.4 38.2 57.2

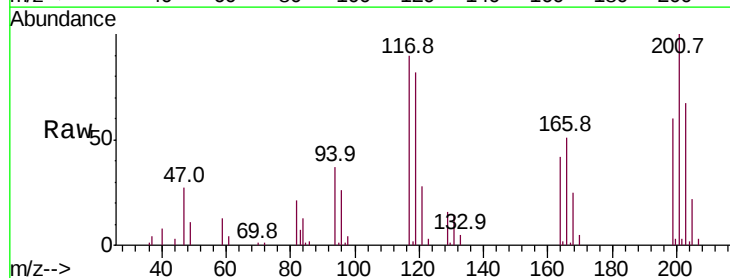


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

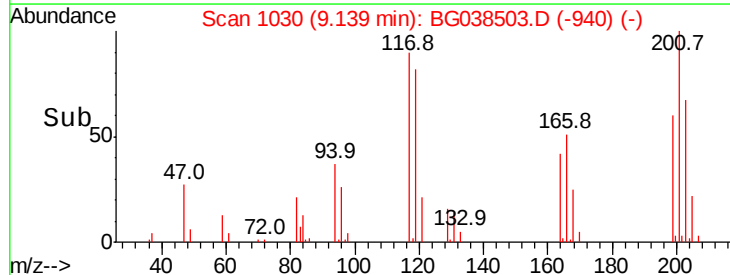
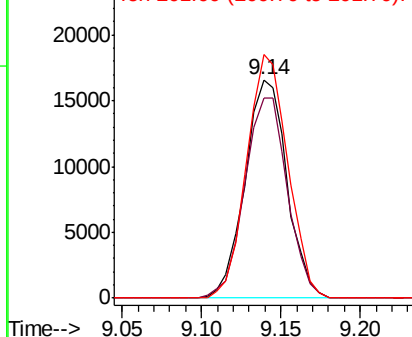


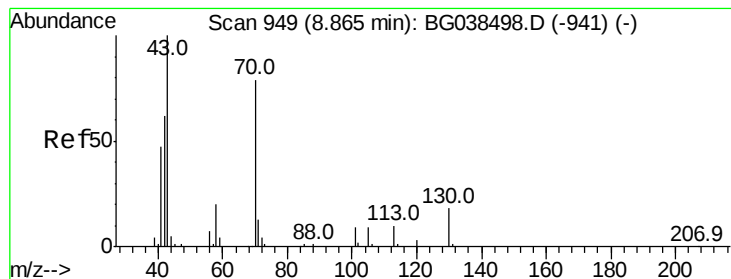
#18
Hexachloroethane
Concen: 42.114 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion:117 Resp: 30464
Ion Ratio Lower Upper
117 100
119 91.6 73.8 110.8
201 114.7 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: 43.528 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 59286

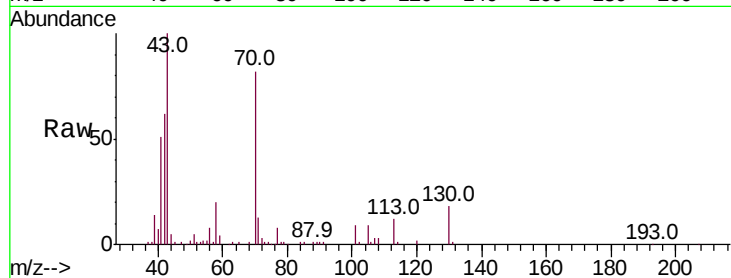
Ion Ratio Lower Upper

70 100

42 76.3 63.6 95.4

101 10.8 9.2 13.8

130 21.8 18.5 27.7

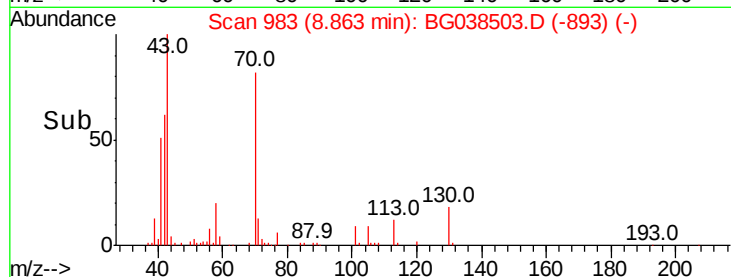
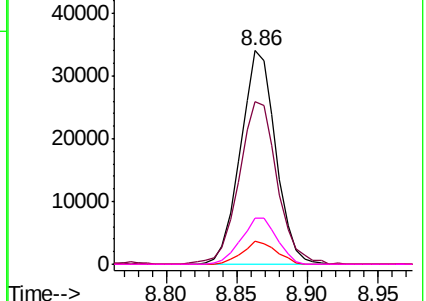


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 43.981 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Tgt Ion: 107 Resp: 83843

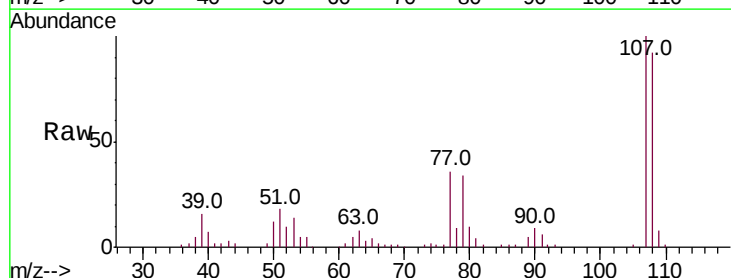
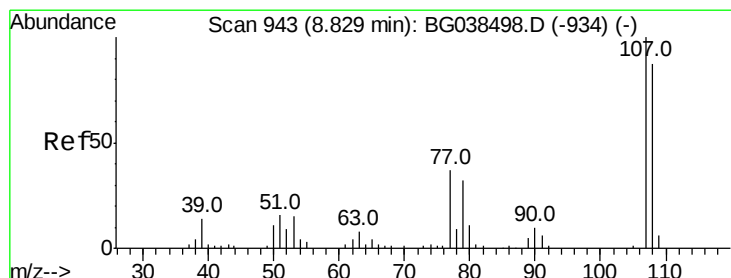
Ion Ratio Lower Upper

107 100

108 92.3 66.7 106.7

77 35.8 17.3 57.3

79 34.2 12.3 52.3

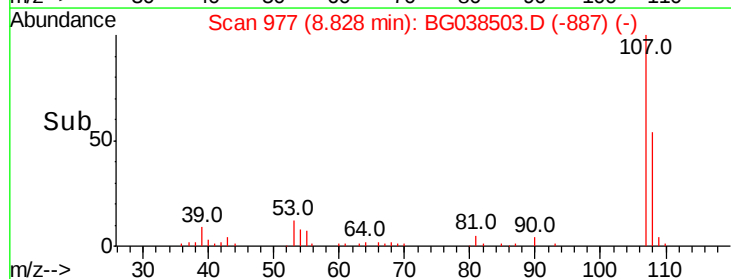
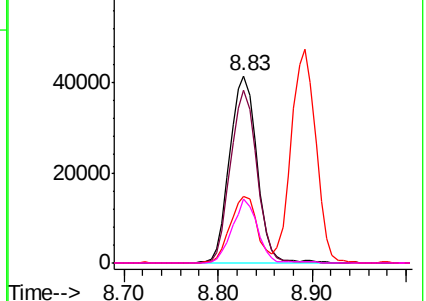


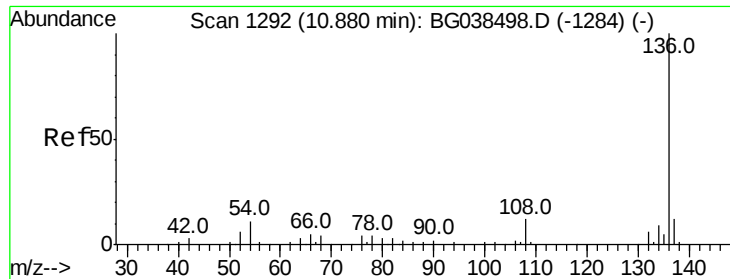
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

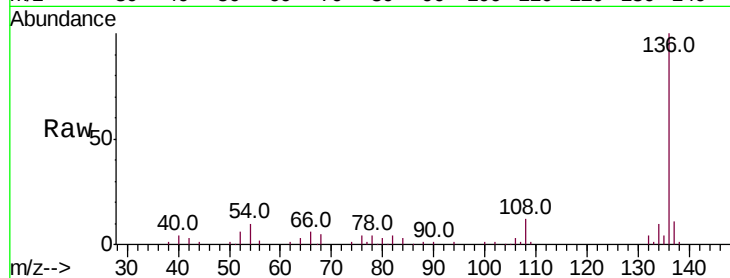




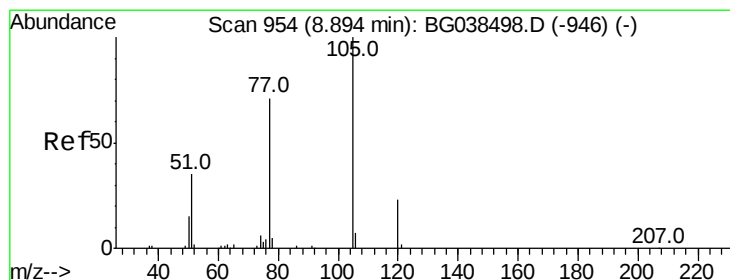
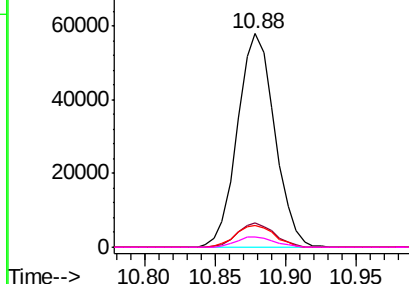
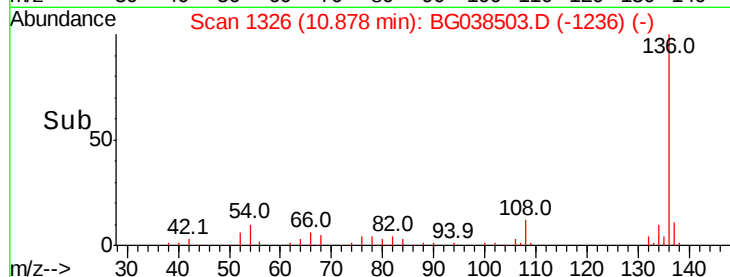
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	106603
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.3 13.9
54	10.4	8.5 12.7
68	4.6	3.5 5.3

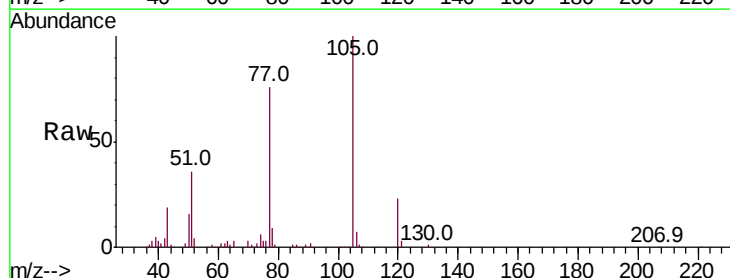


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

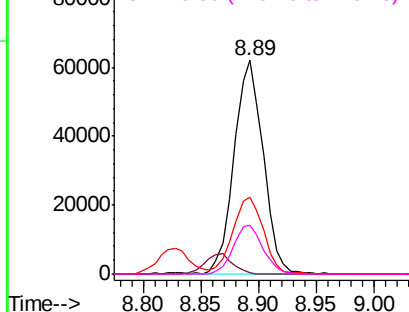
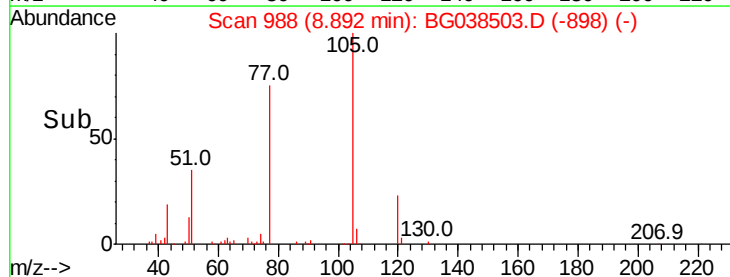


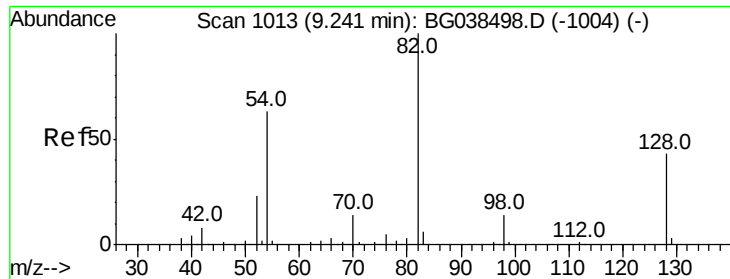
#22
Acetophenone
Concen: 40.739 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion:105	Resp:	108476
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6#
51	36.2	30.6 46.0
120	23.1	18.6 28.0



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

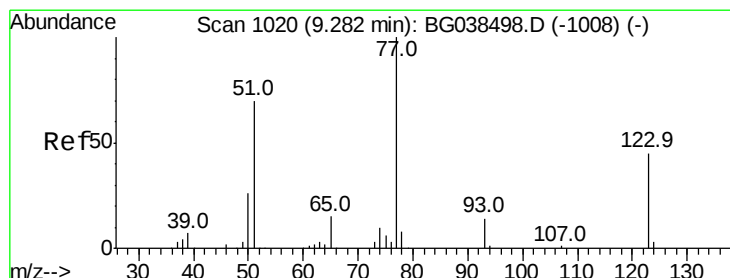
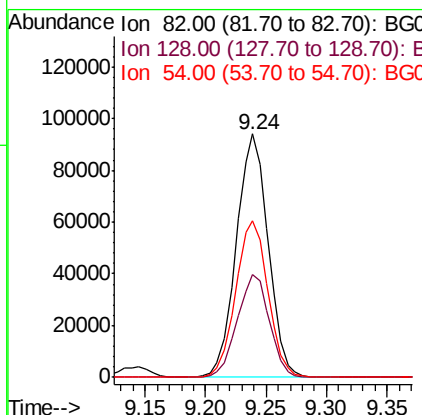
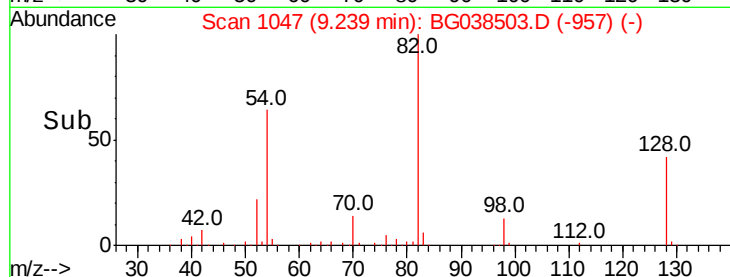
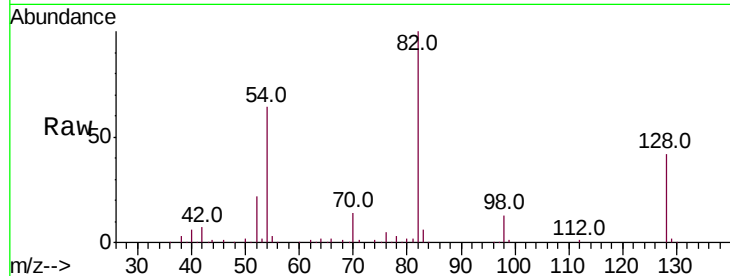




#23
Nitrobenzene-d5
Concen: 82.790 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

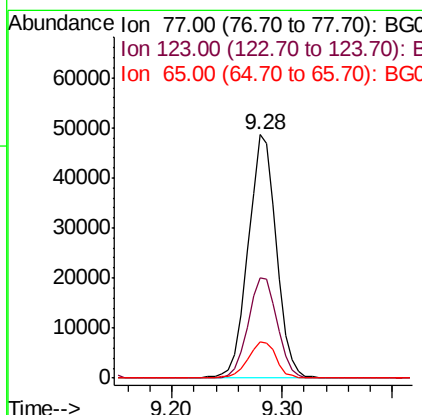
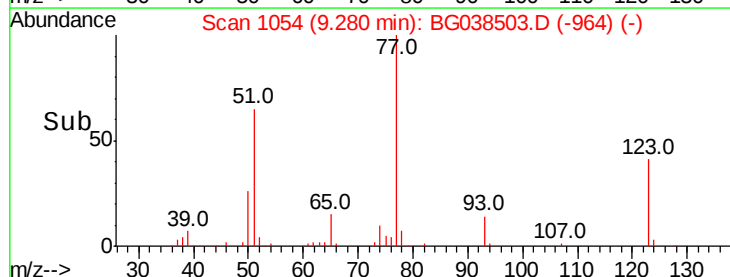
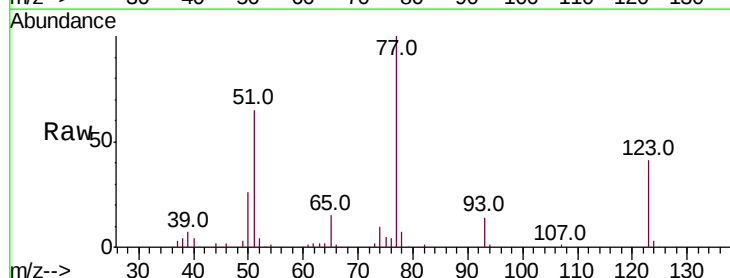
Instrument :
BNA_G
ClientSampleId :

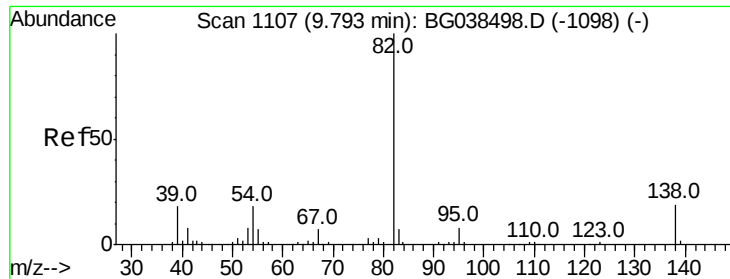
Tot Ion: 82 Resp: 172757
Ion Ratio Lower Upper
82 100
128 42.5 34.6 52.0
54 64.1 50.6 76.0



#24
Nitrobenzene
Concen: 41.291 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion: 77 Resp: 87163
Ion Ratio Lower Upper
77 100
123 41.3 35.9 53.9
65 14.8 12.0 18.0

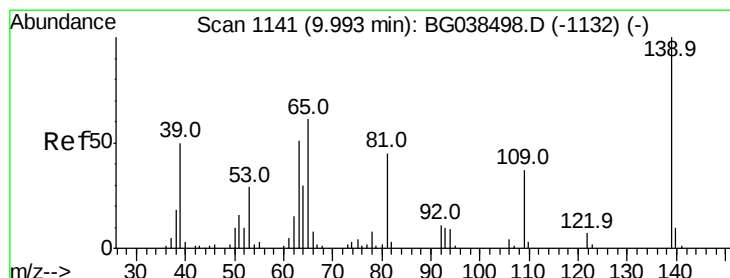
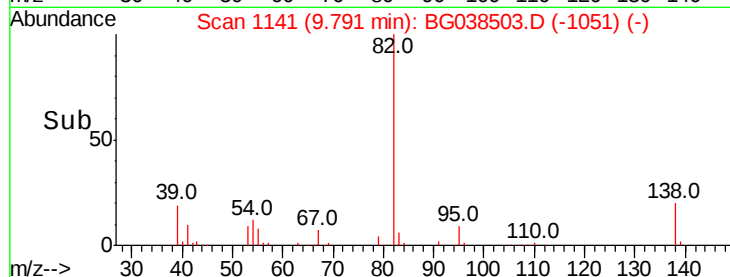
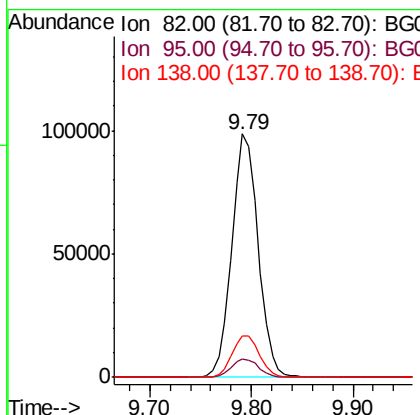
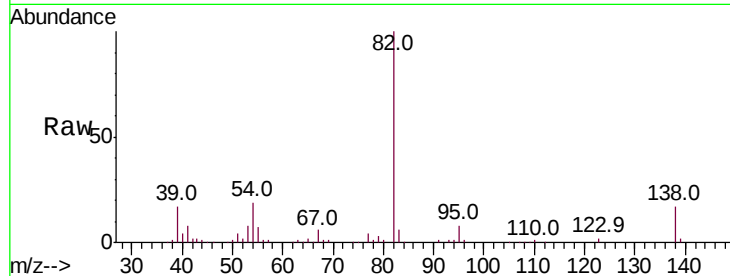




#25
Isophorone
Concen: 47.366 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

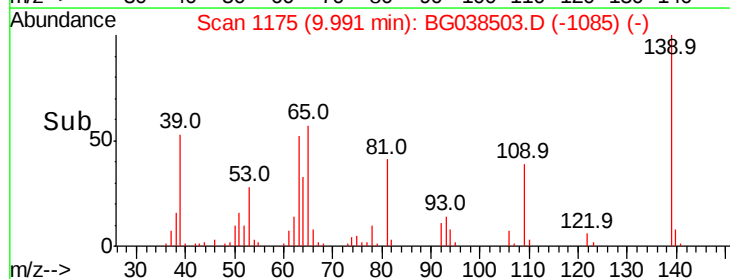
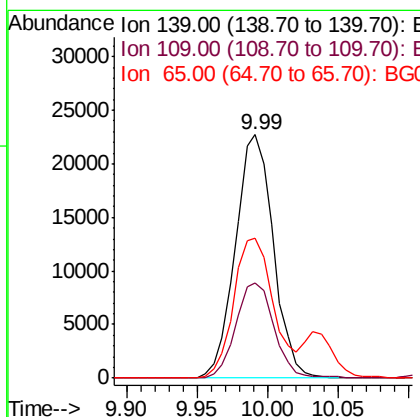
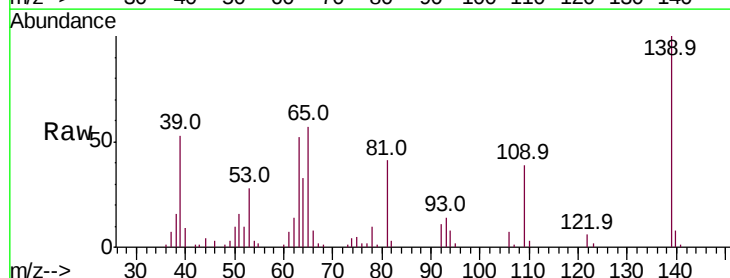
Instrument :
BNA_G
ClientSampled :

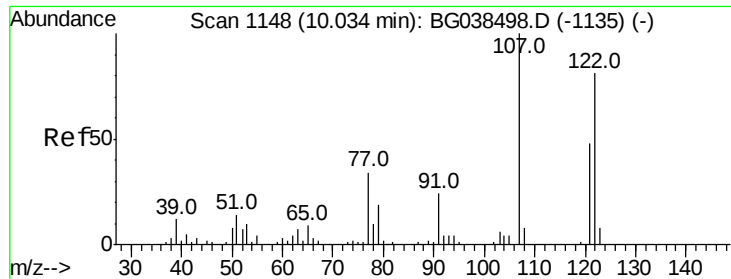
Tot Ion: 82 Resp: 177583
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 17.1 14.9 22.3



#26
2-Nitrophenol
Concen: 39.444 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion: 139 Resp: 42616
Ion Ratio Lower Upper
139 100
109 39.0 29.5 44.3
65 57.4 48.5 72.7

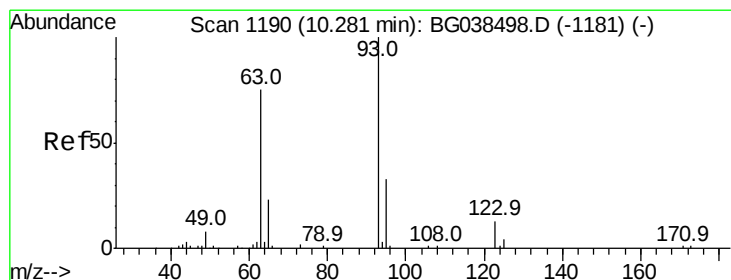
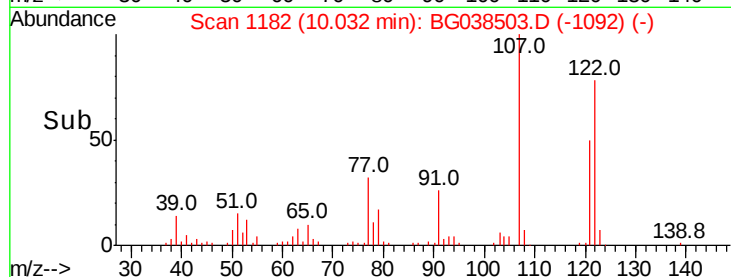
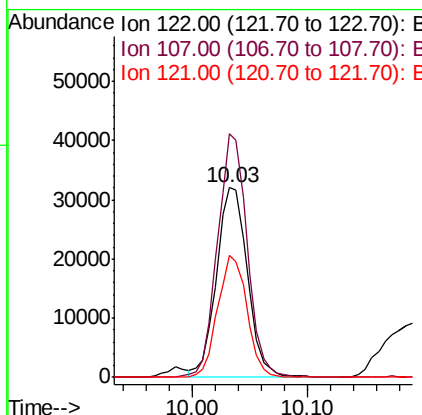
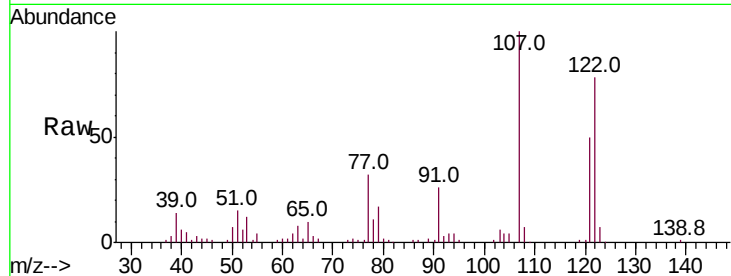




#27
 2,4-Dimethylphenol
 Concen: 38.440 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

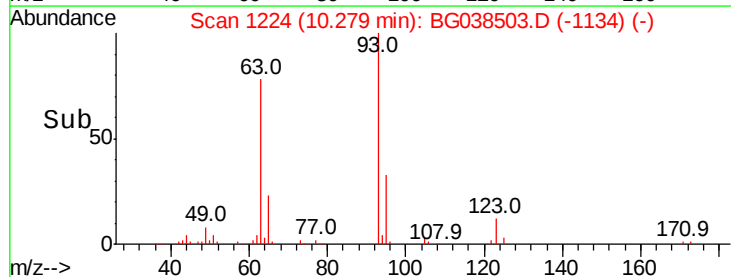
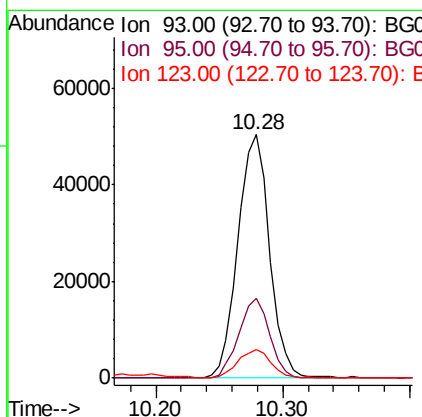
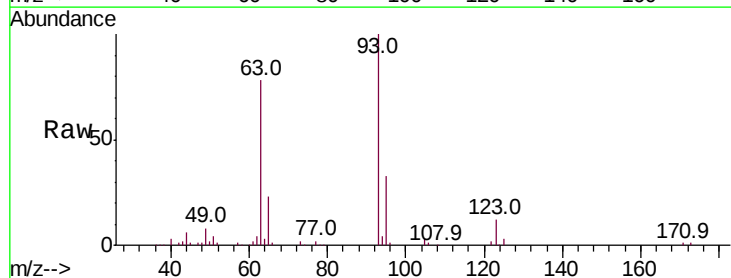
Instrument :
 BNA_G
 ClientSampled :

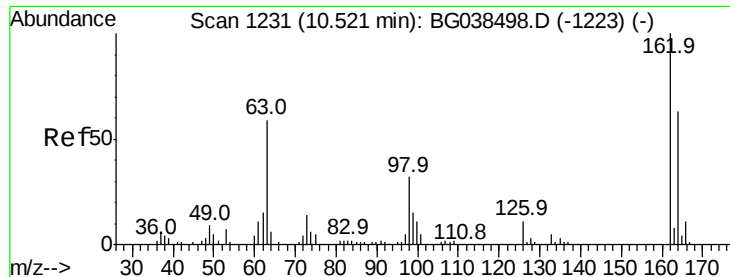
Tot Ion:122 Resp: 59521
 Ion Ratio Lower Upper
 122 100
 107 128.6 98.4 147.6
 121 64.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.148 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion: 93 Resp: 87060
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.6 40.0
 123 11.7 10.6 16.0

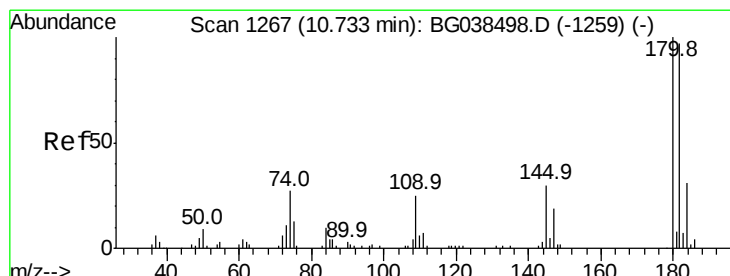
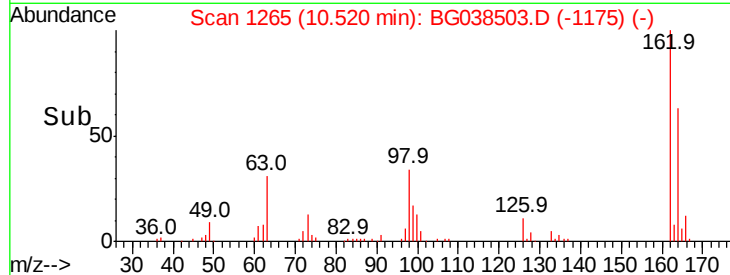
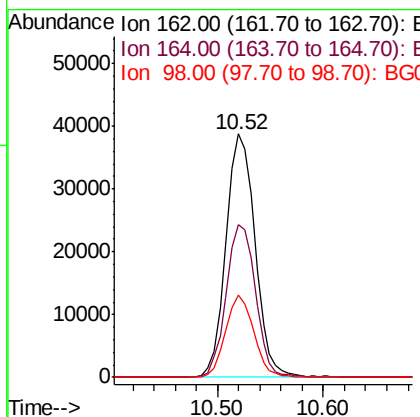
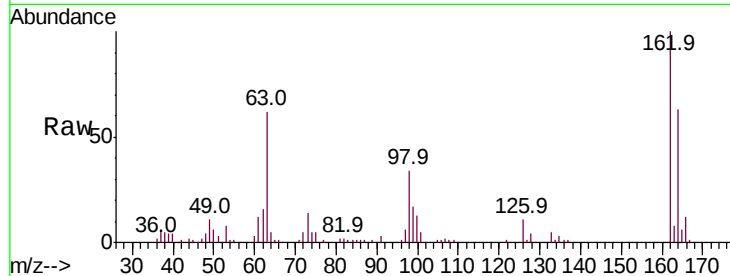




#29
 2,4-Dichlorophenol
 Concen: 42.832 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

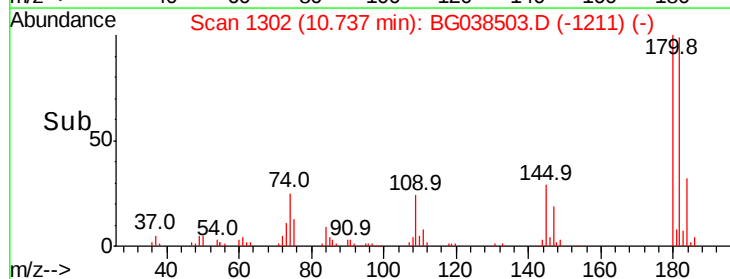
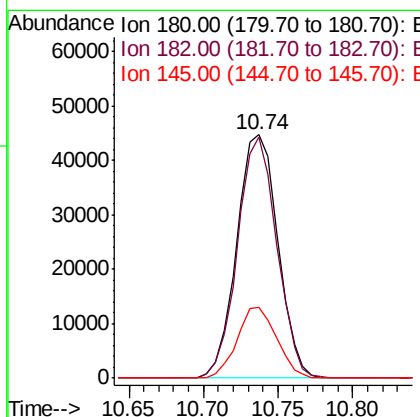
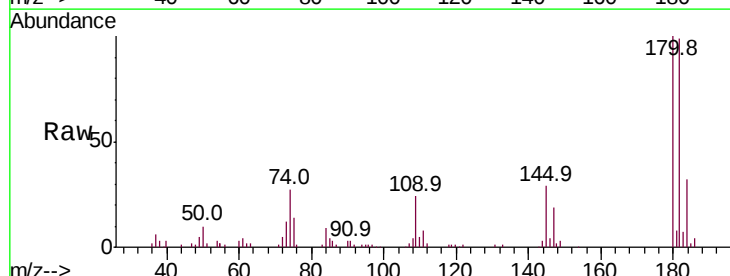
Instrument :
 BNA_G
 ClientSampled :

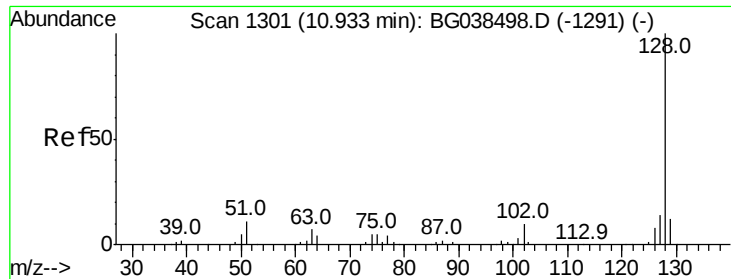
Tot Ion:162 Resp: 73783
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.9 82.9
 98 33.6 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.007 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion:180 Resp: 85326
 Ion Ratio Lower Upper
 180 100
 182 98.8 77.4 116.0
 145 28.8 24.1 36.1





#31

Naphthalene

Concen: 40.025 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

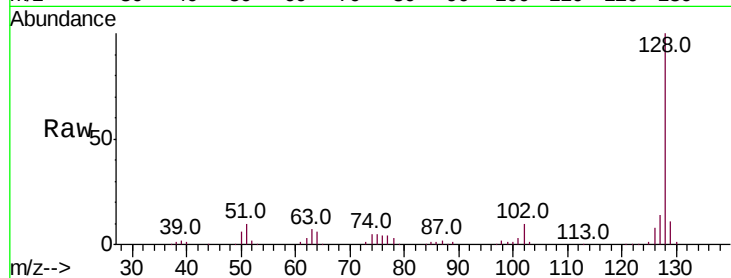
Tot Ion:128 Resp: 210229

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

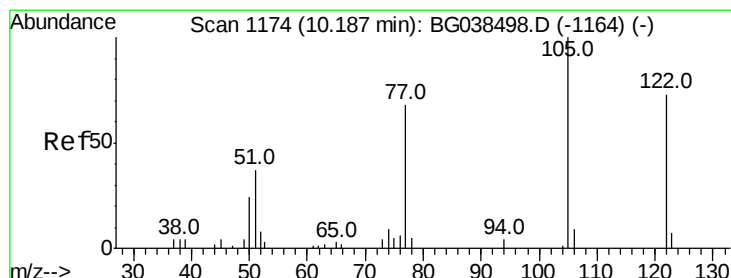
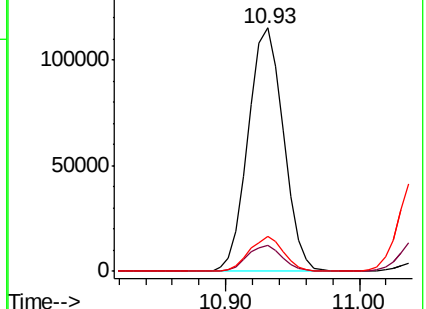
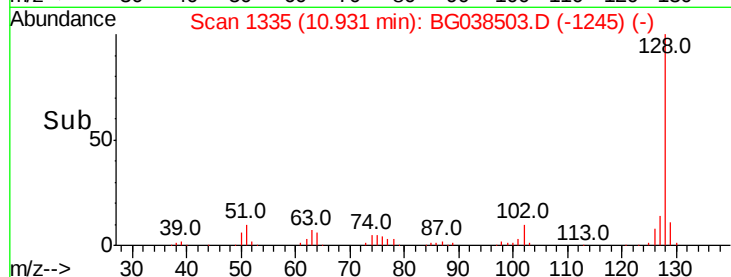
127 14.4 10.9 16.3



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: 38.160 ng

RT: 10.19 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

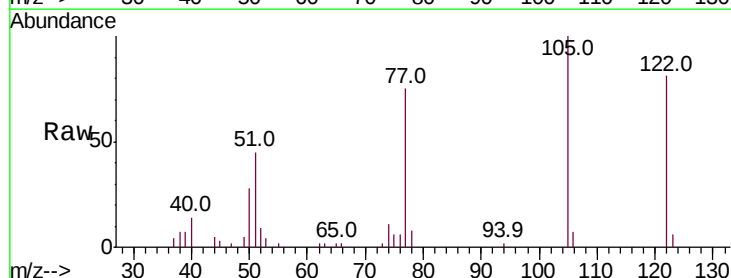
Tgt Ion:122 Resp: 34932

Ion Ratio Lower Upper

122 100

105 124.1 116.7 156.7

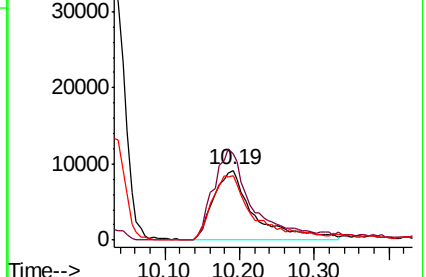
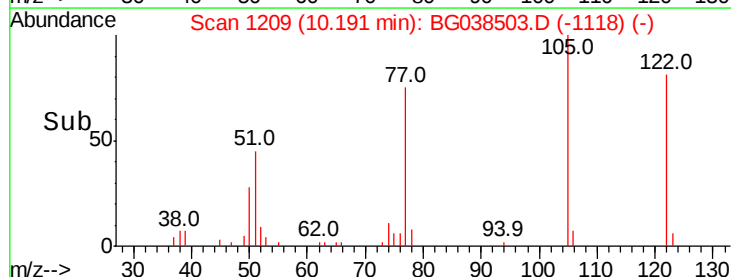
77 92.6 72.5 112.5



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): BGC

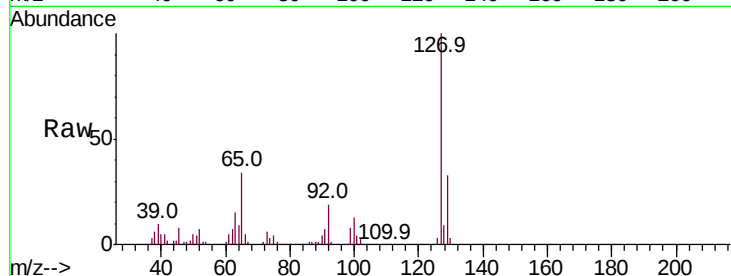




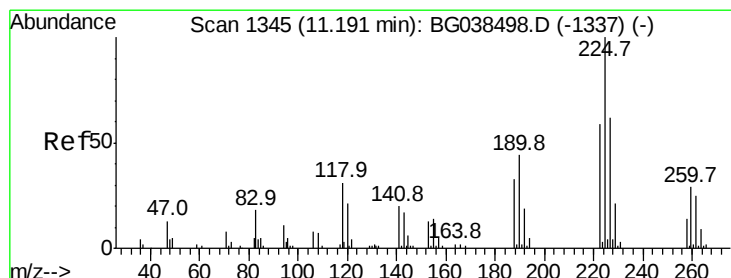
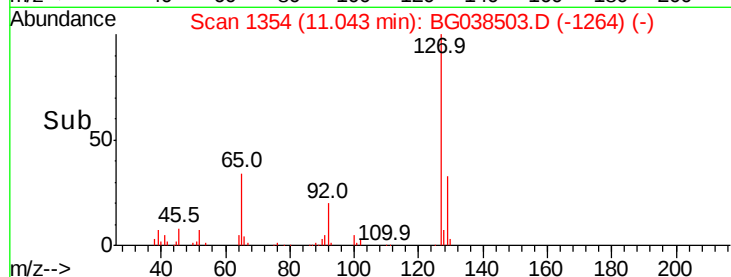
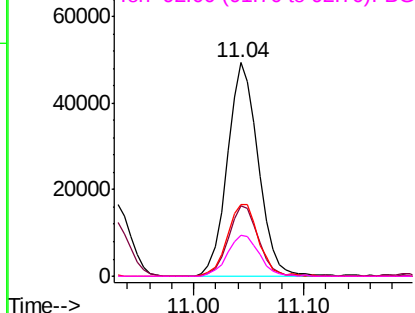
#33
4-Chloroaniline
Concen: 42.399 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	96685
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	33.9	27.8	41.6
92	19.4	17.0	25.6

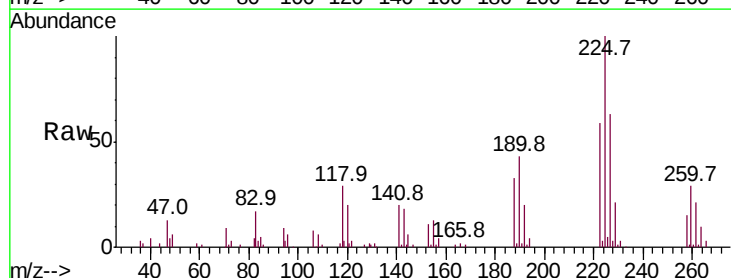


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

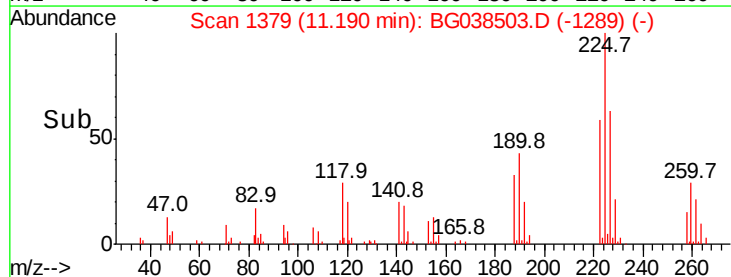
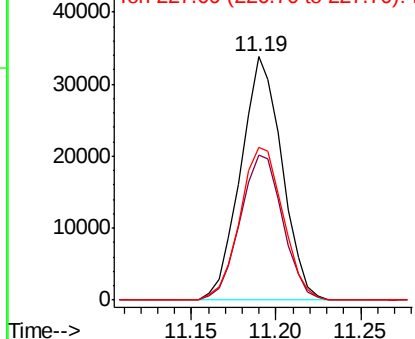


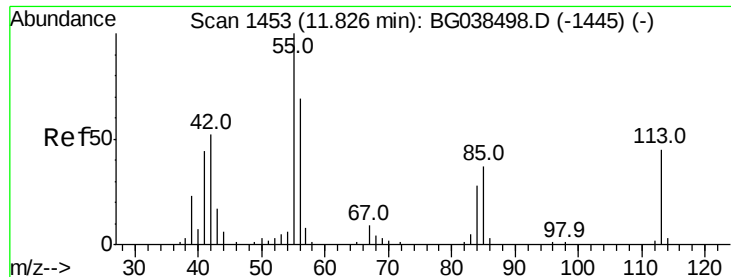
#34
Hexachlorobutadiene
Concen: 40.812 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion:	225	Resp:	57461
Ion	Ratio	Lower	Upper
225	100		
223	59.9	45.0	67.6
227	63.3	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: 41.274 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

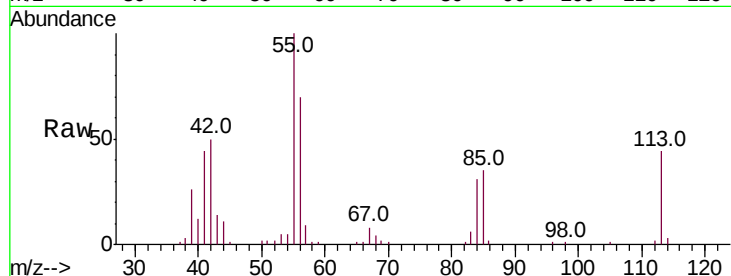
Tot Ion:113 Resp: 29424

Ion Ratio Lower Upper

113 100

55 228.6 204.3 244.3

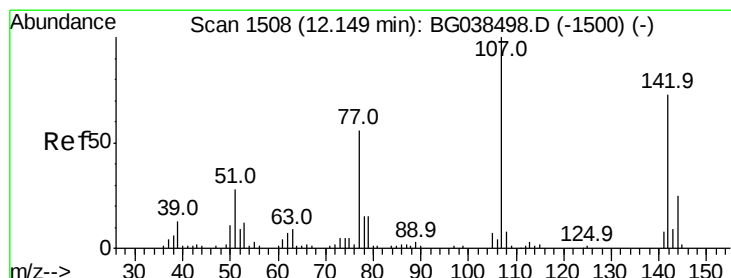
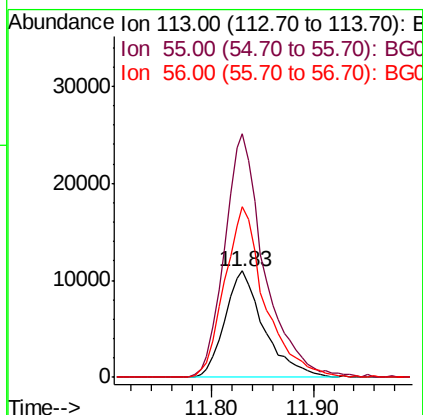
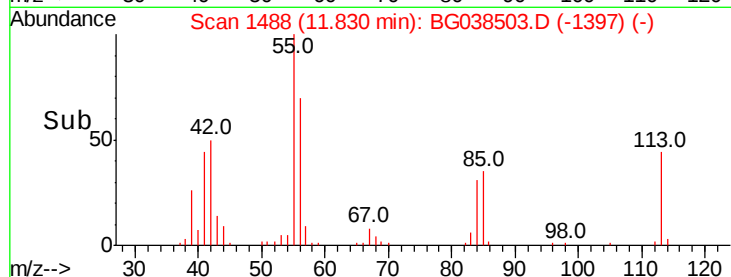
56 159.9 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.015 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

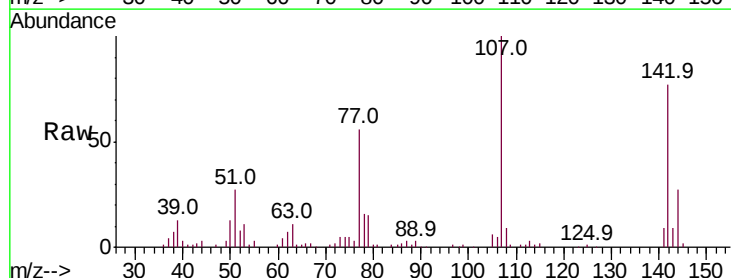
Tgt Ion:107 Resp: 80627

Ion Ratio Lower Upper

107 100

144 27.1 20.1 30.1

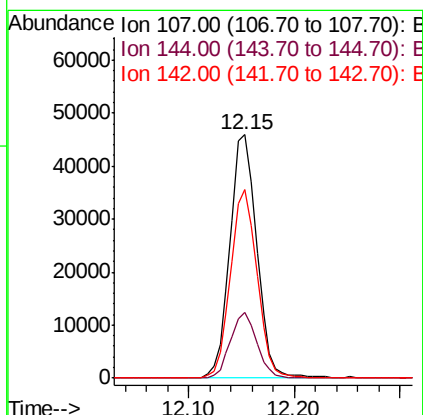
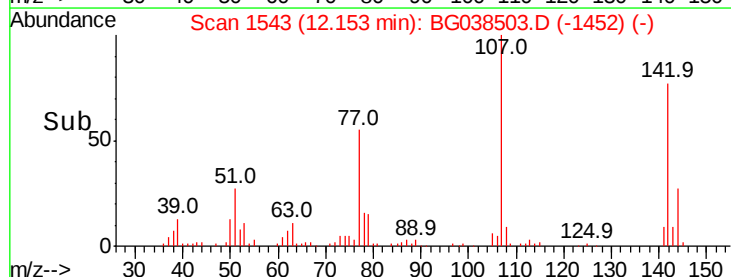
142 77.5 58.7 88.1

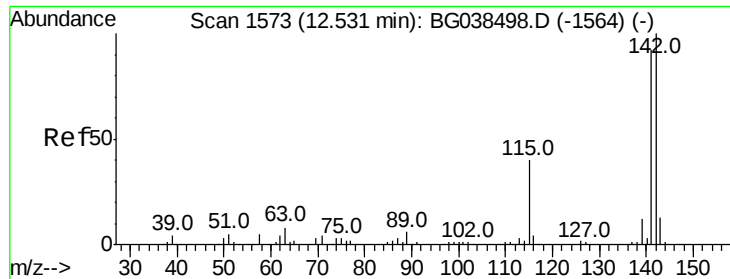


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.965 ng

RT: 12.53 min Scan# 1607

Delta R.T. -0.00 min

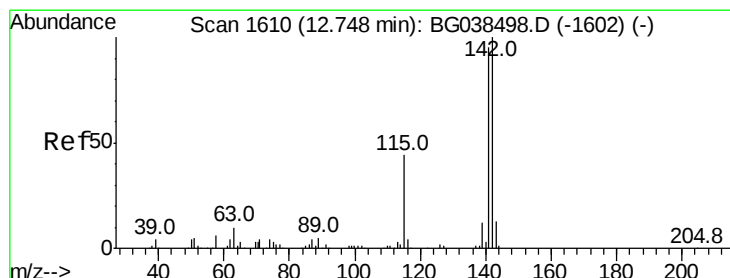
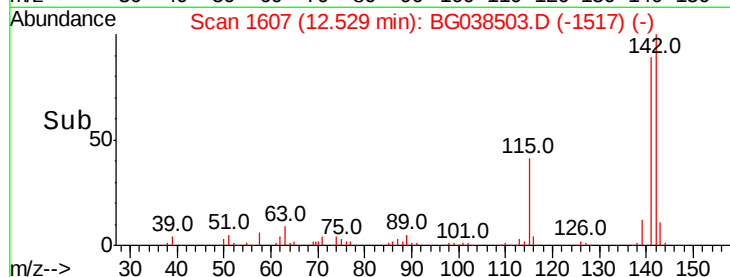
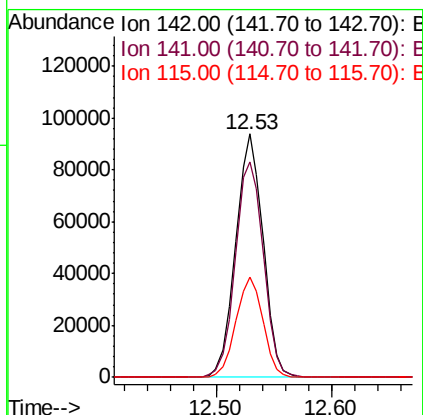
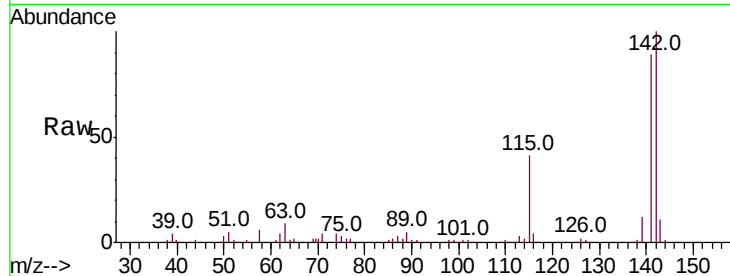
Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 153501

Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.5	110.3
115	41.0	31.7	47.5



#38

1-Methylnaphthalene

Concen: 40.686 ng

RT: 12.75 min Scan# 1644

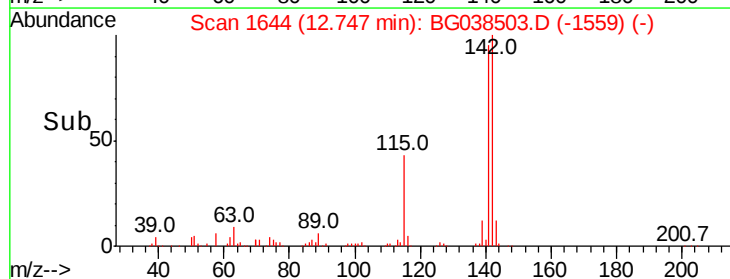
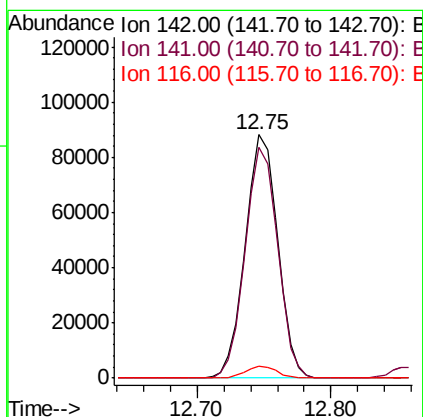
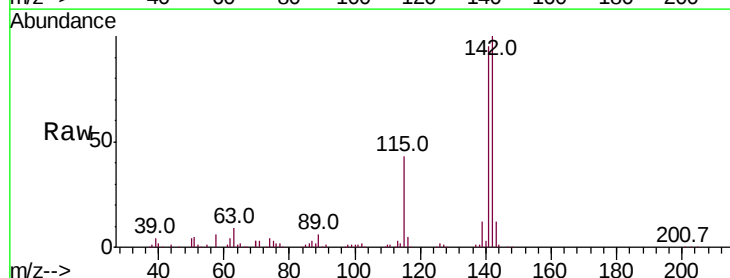
Delta R.T. -0.00 min

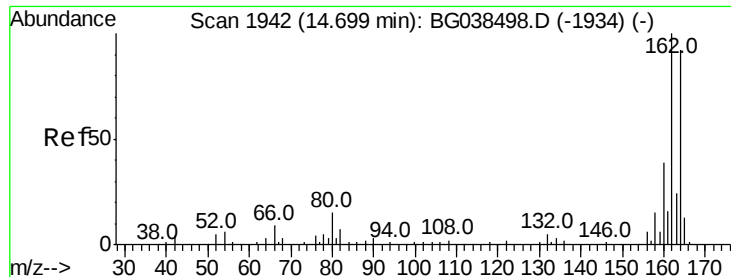
Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Tgt Ion:142 Resp: 147940

Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.8	113.8
116	4.7	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

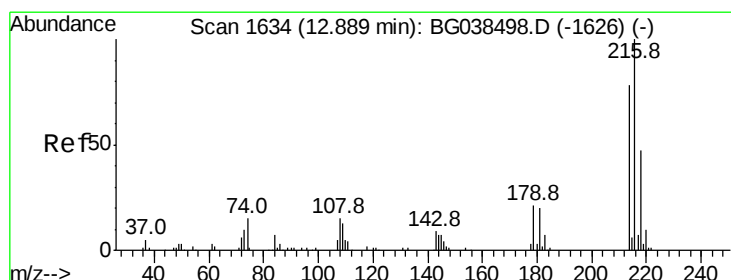
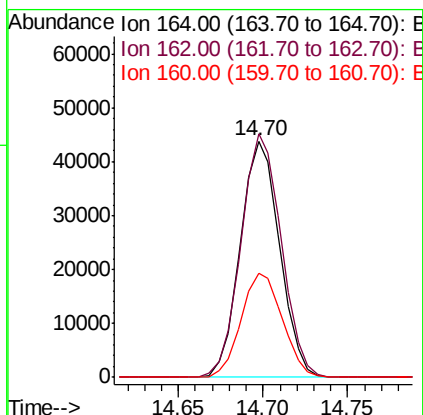
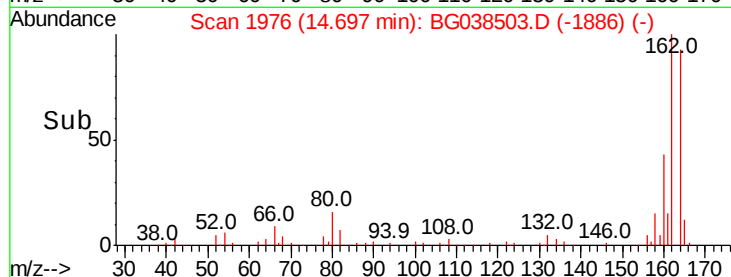
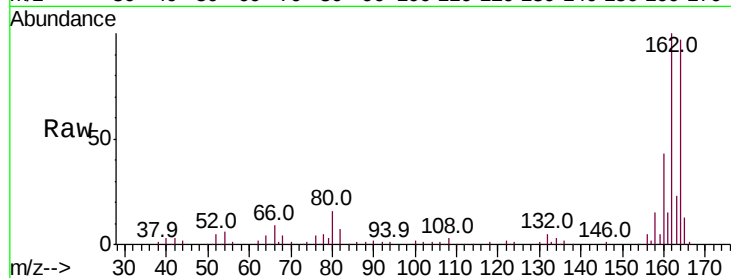
Tot Ion:164 Resp: 70862

Ion Ratio Lower Upper

164 100

162 103.1 86.6 130.0

160 44.2 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.841 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Tgt Ion:216 Resp: 105531

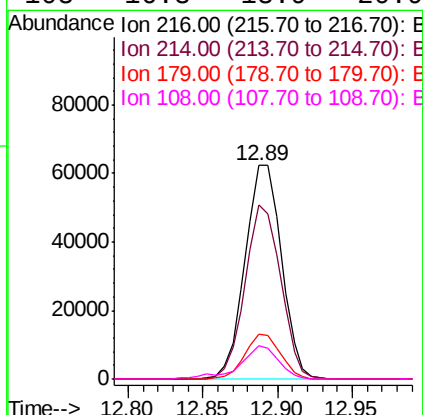
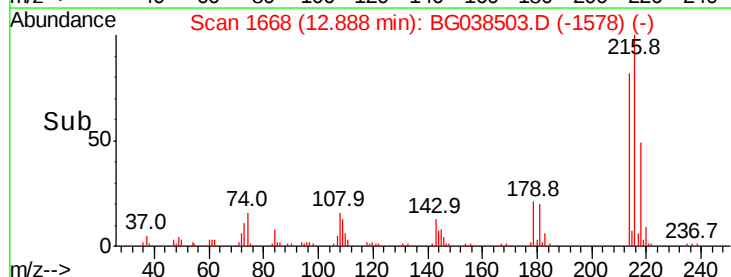
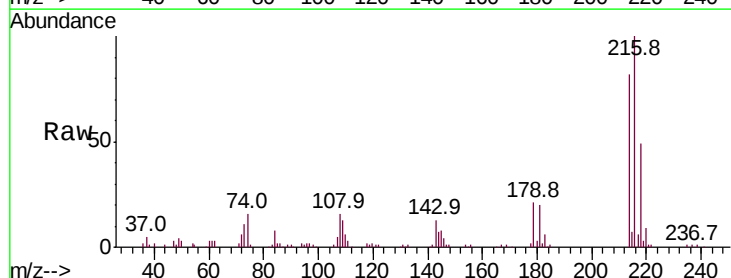
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 20.4 16.4 24.6

108 16.3 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 39.271 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

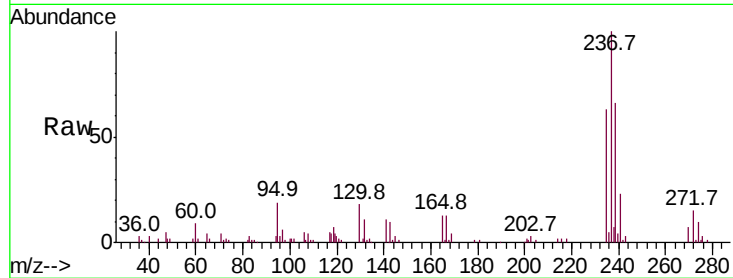
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 57148

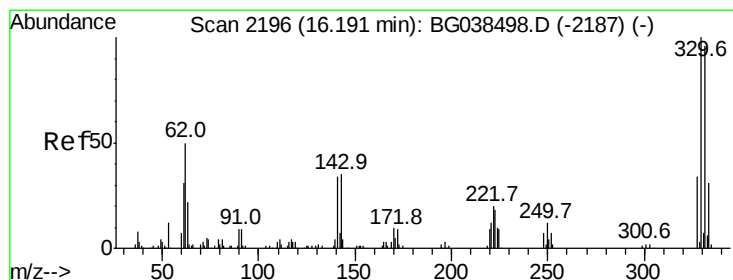
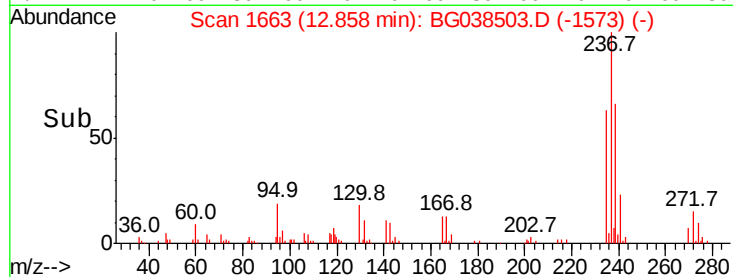
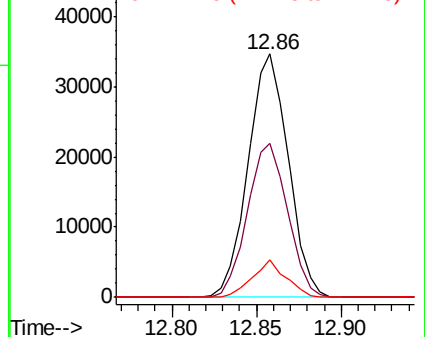
Ion	Ratio	Lower	Upper
237	100		
235	63.0	38.8	78.8
272	15.4	0.0	32.0



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: 85.410 ng

RT: 16.19 min Scan# 2230

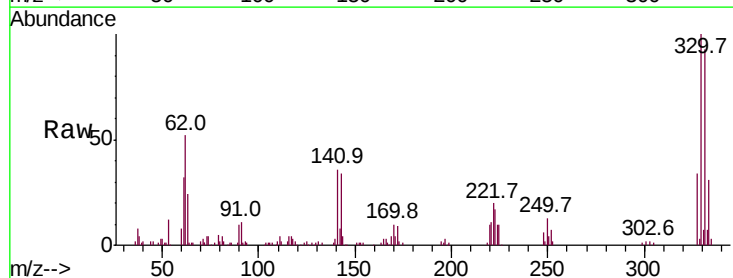
Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Tgt Ion:330 Resp: 83412

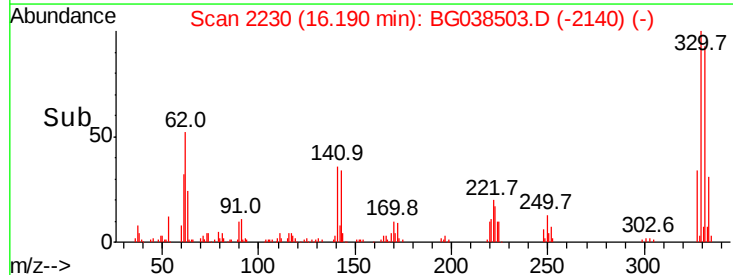
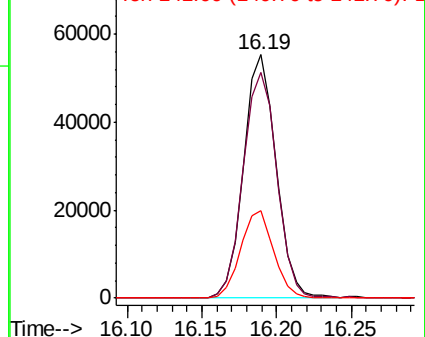
Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	36.2	28.8	43.2



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

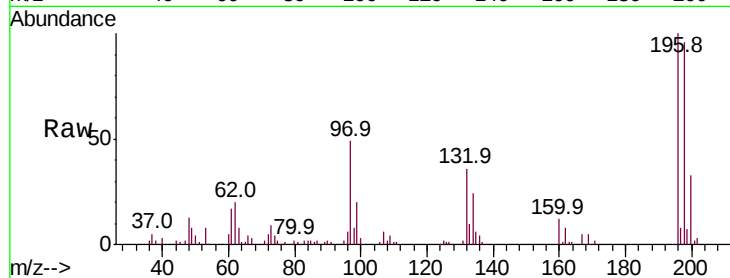




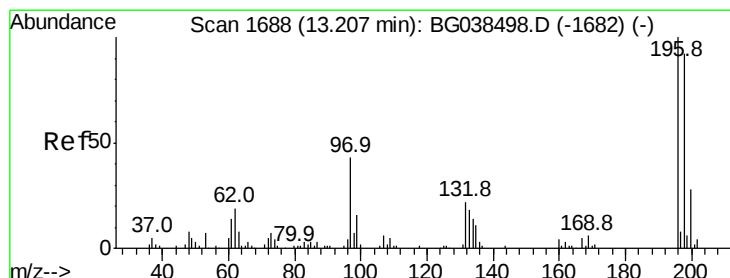
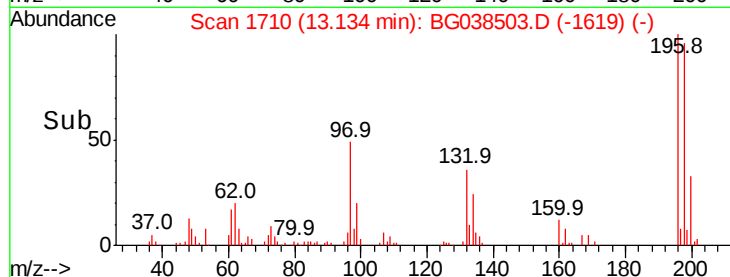
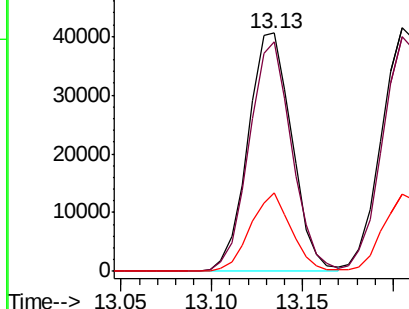
#43
 2,4,6-Trichlorophenol
 Concen: 41.901 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 68242
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.0 112.4
 200 33.0 22.4 33.6



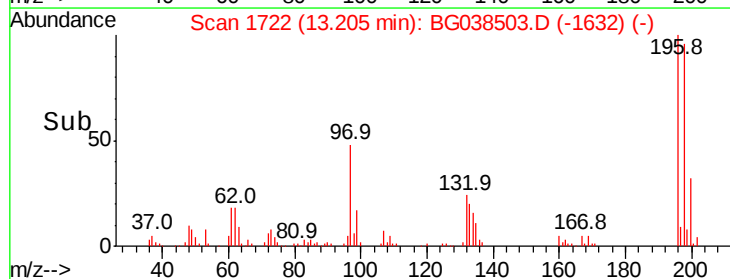
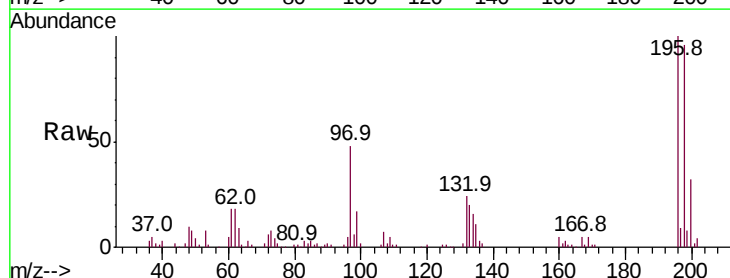
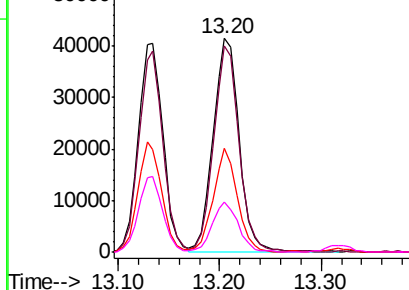
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

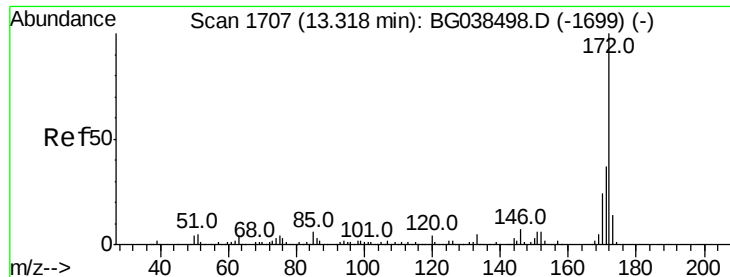


#44
 2,4,5-Trichlorophenol
 Concen: 42.848 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion:196 Resp: 73885
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.0 111.0
 97 48.3 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

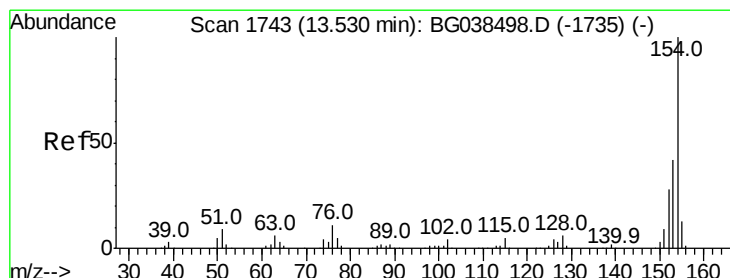
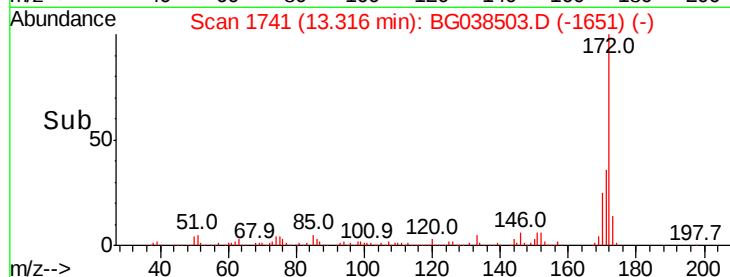
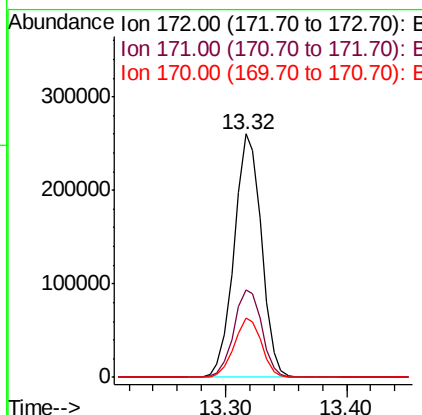
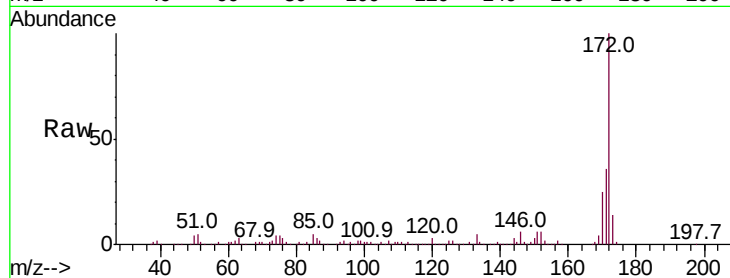




#45
 2-Fluorobiphenyl
 Concen: 79.176 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

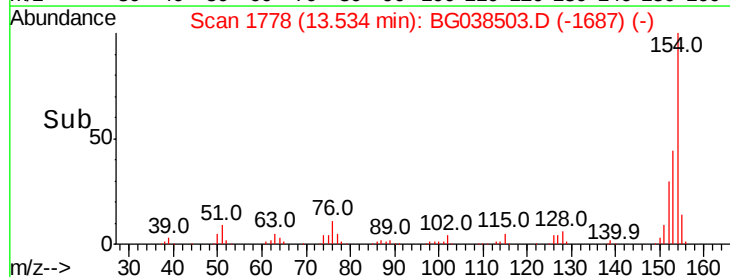
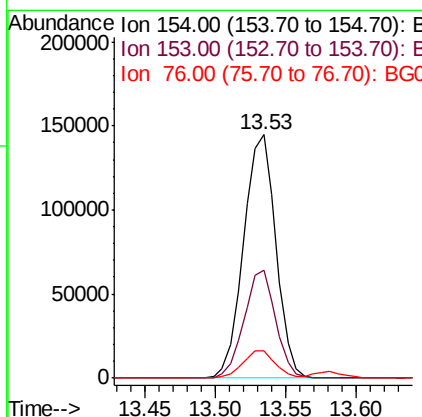
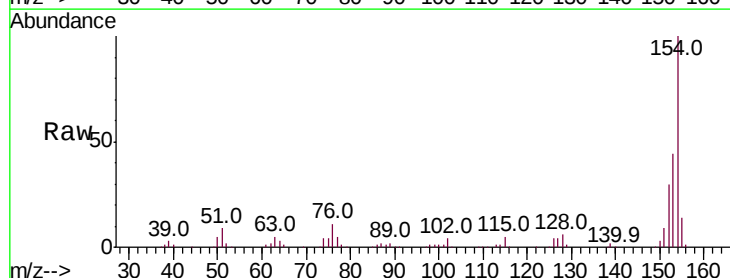
Instrument :
 BNA_G
 ClientSampleId :

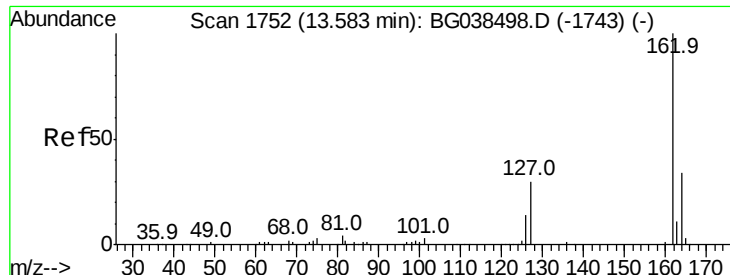
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.6	19.5	29.3



#46
 1,1'-Biphenyl
 Concen: 38.960 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	22.1	62.1
76	11.3	0.0	31.2

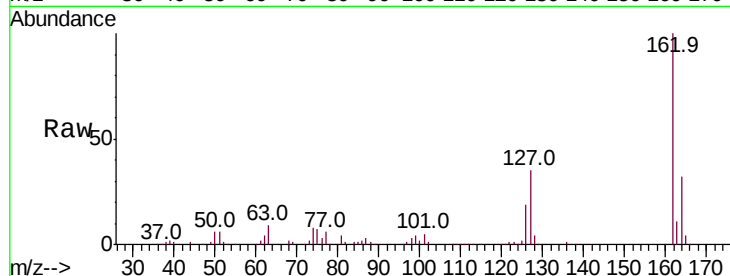




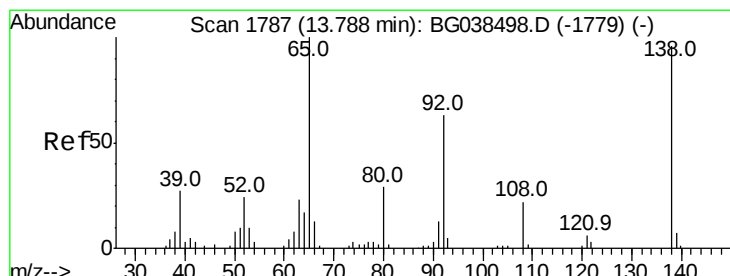
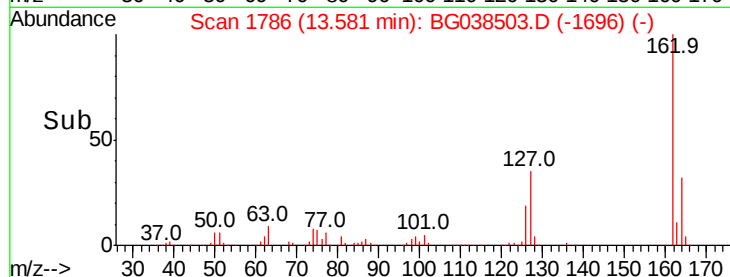
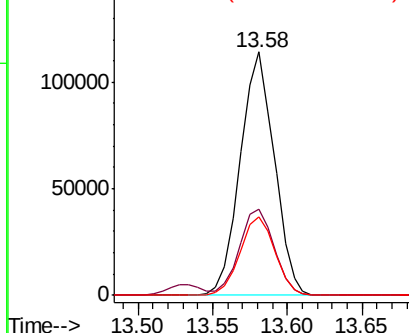
#47
 2-Chloronaphthalene
 Concen: 39.456 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.3	27.8	41.8
164	32.3	26.9	40.3

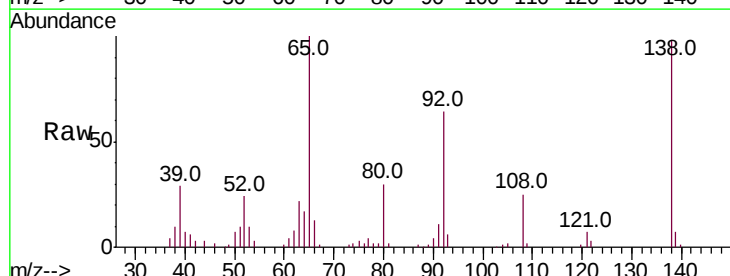


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

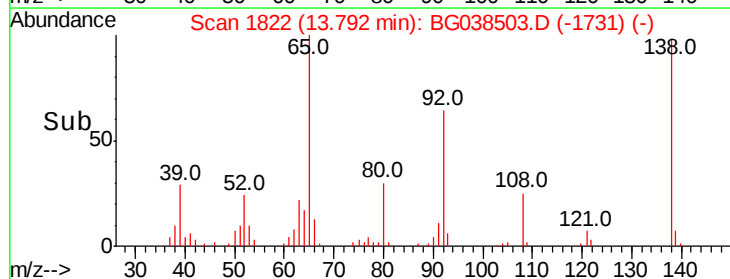
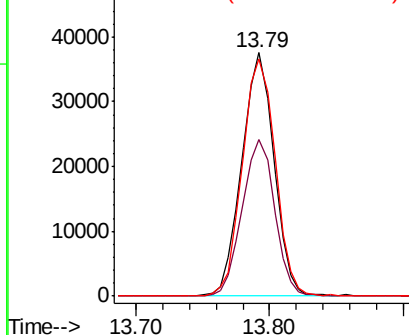


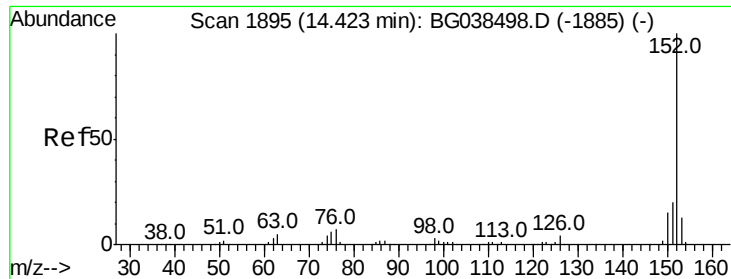
#48
 2-Nitroaniline
 Concen: 42.834 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	50.0	75.0
138	97.6	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: 40.451 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

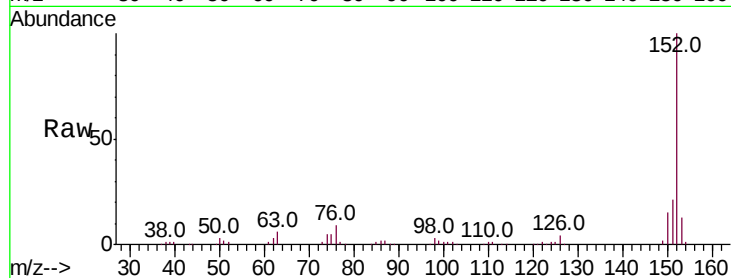
Tot Ion:152 Resp: 277494

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

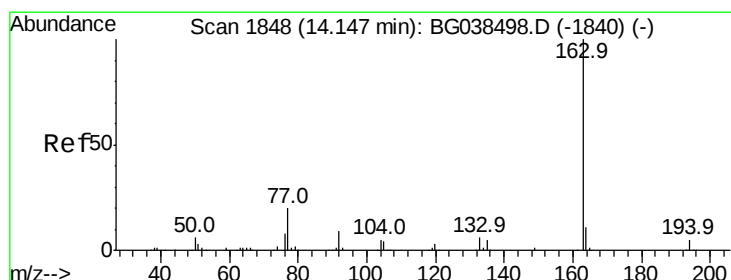
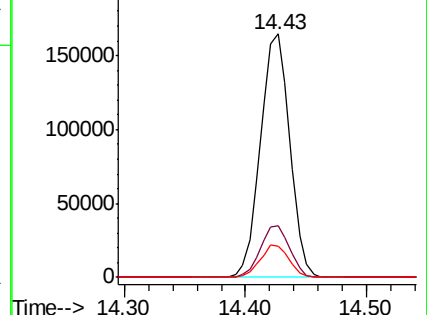
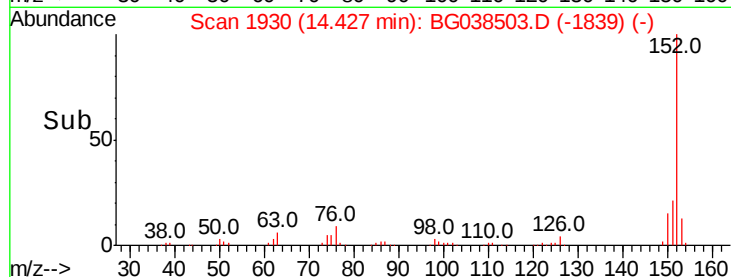
153 13.0 10.4 15.6



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: 41.169 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

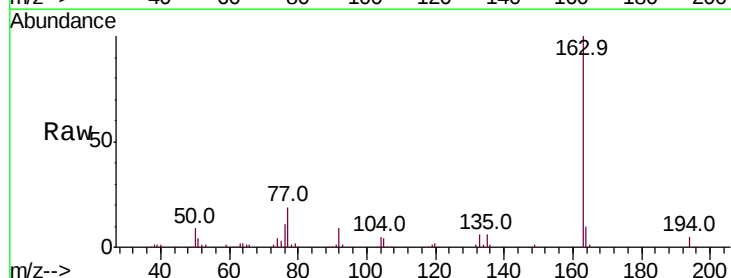
Tgt Ion:163 Resp: 238237

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

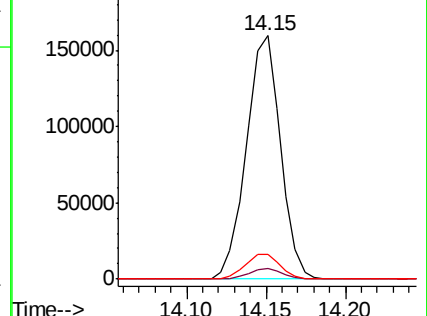
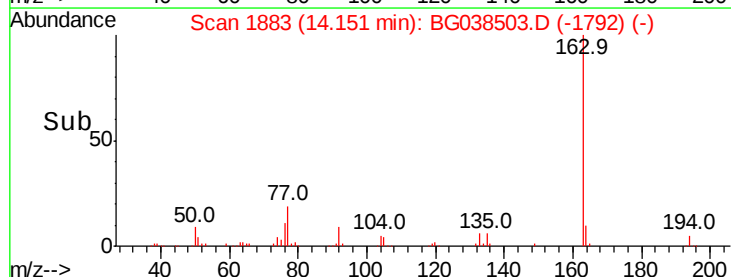
164 10.3 8.6 12.8

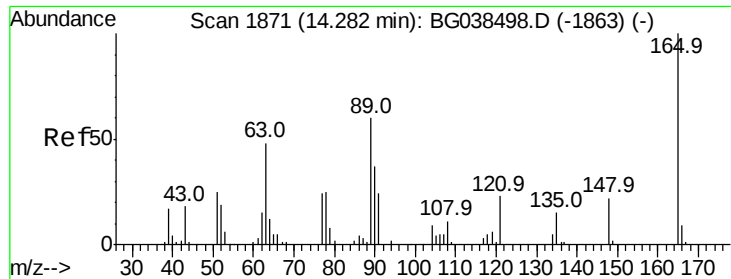


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

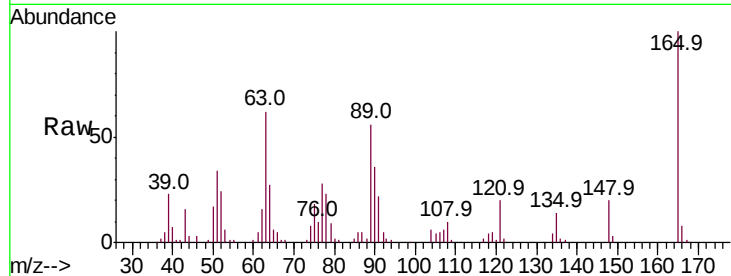




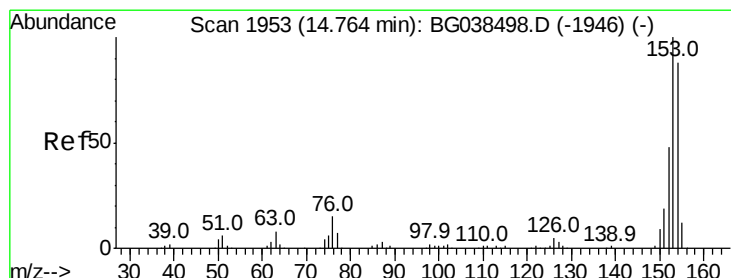
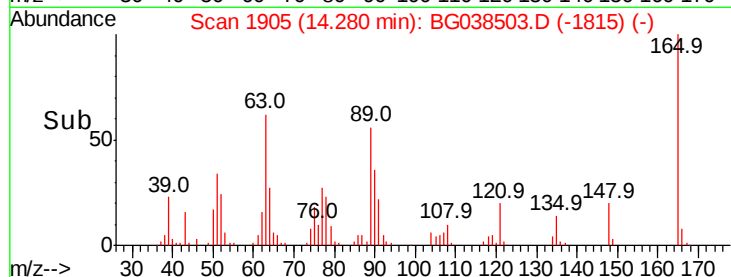
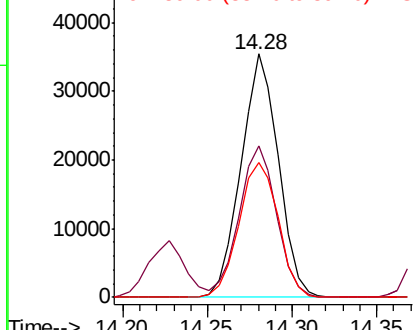
#51
 2,6-Dinitrotoluene
 Concen: 41.540 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 54475
 Ion Ratio Lower Upper
 165 100
 63 62.0 51.8 77.6
 89 55.6 47.9 71.9

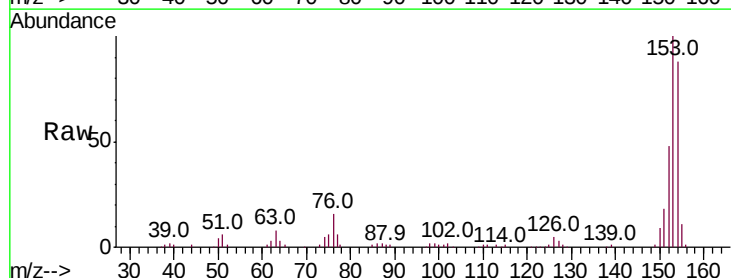


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

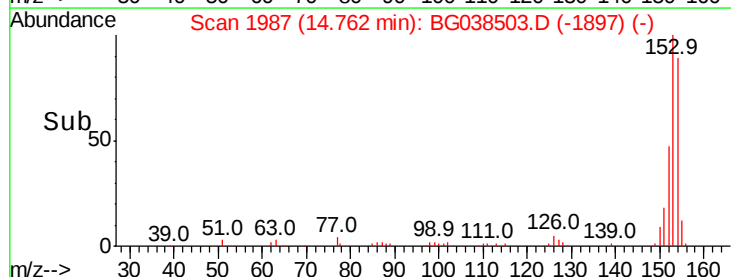
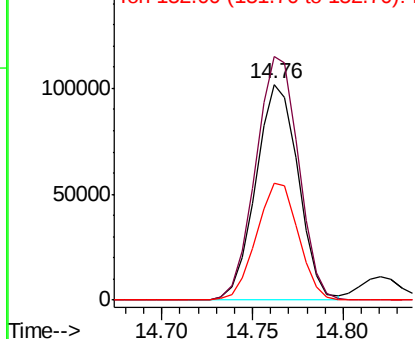


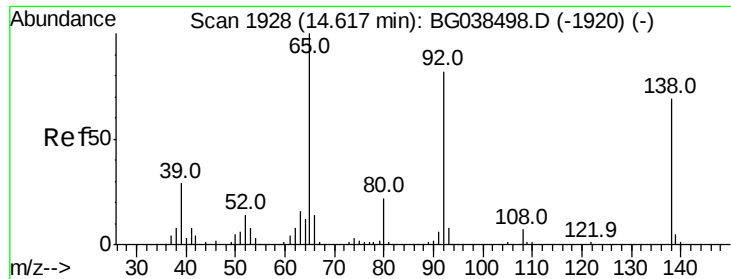
#52
 Acenaphthene
 Concen: 40.338 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion:154 Resp: 165467
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.6 136.0
 152 54.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

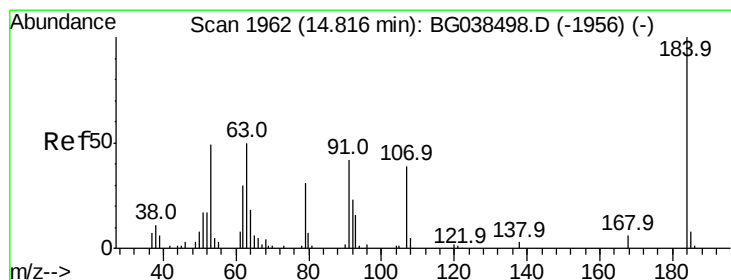
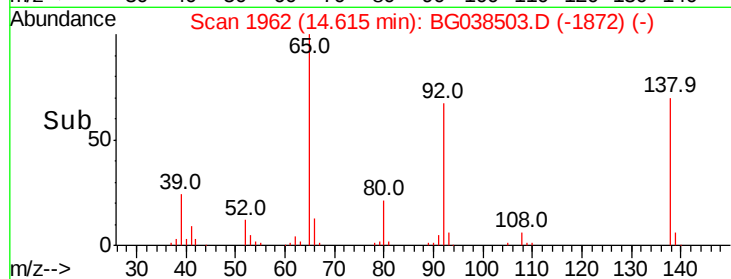
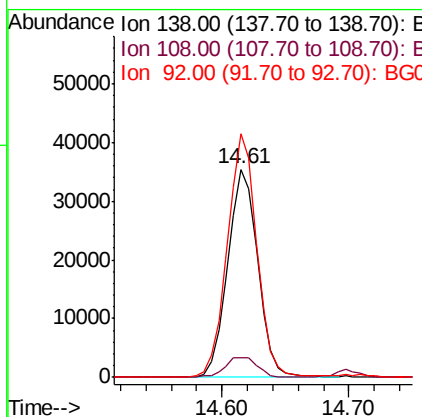
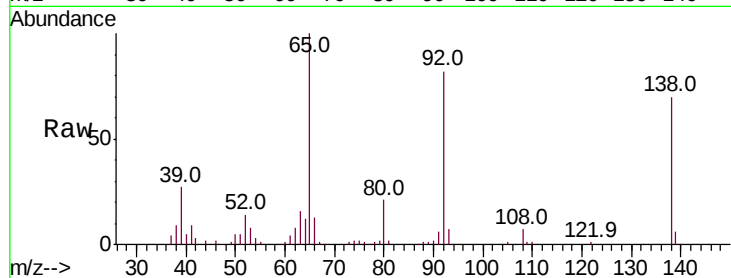




#53
3-Nitroaniline
Concen: 43.345 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

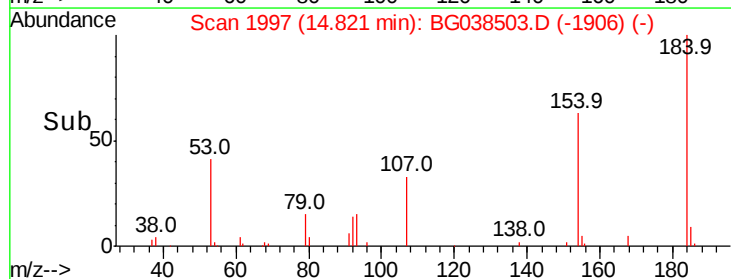
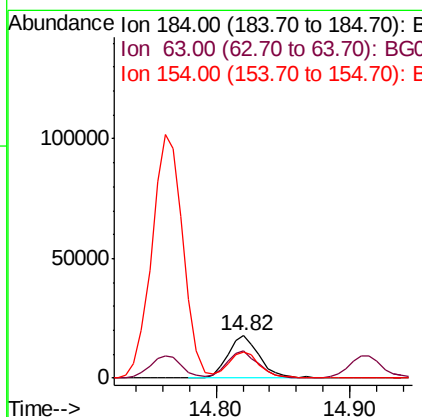
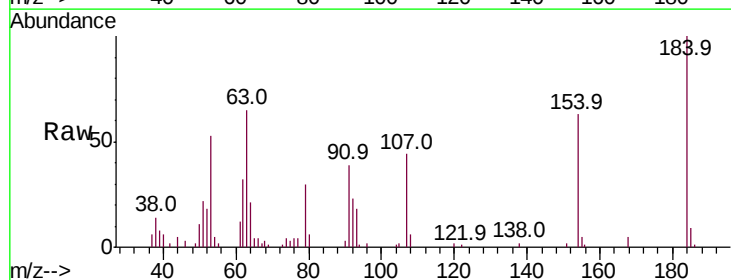
Instrument :
BNA_G
ClientSampleId :

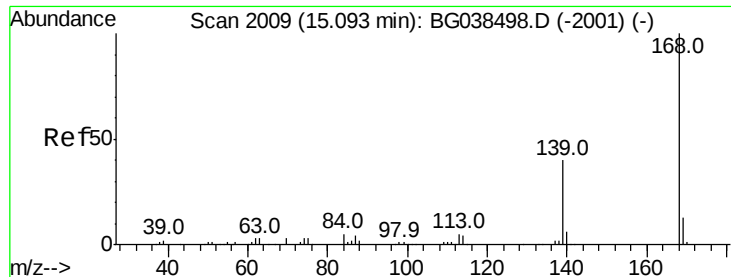
Tot Ion:138 Resp: 57944
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 116.9 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 40.859 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion:184 Resp: 29767
Ion Ratio Lower Upper
184 100
63 64.5 47.0 70.6
154 62.9 50.3 75.5

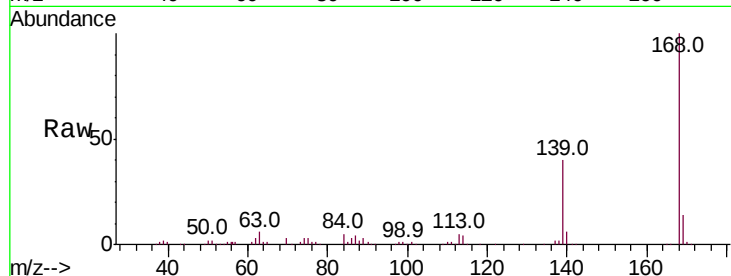




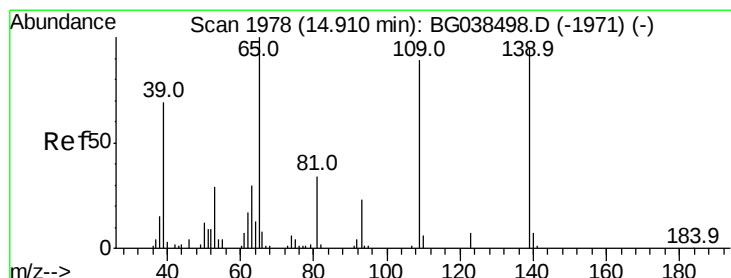
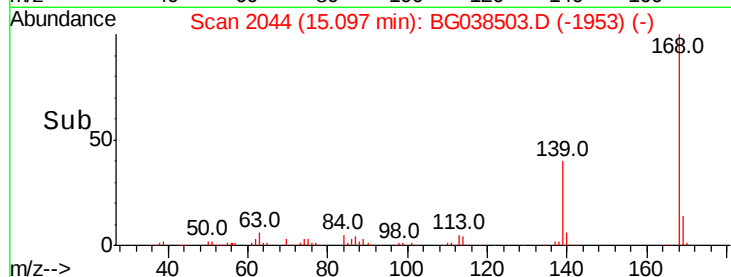
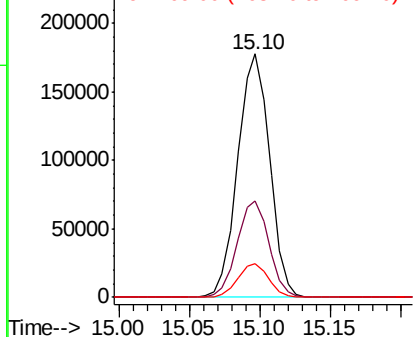
#55
Dibenzenofuran
Concen: 39.894 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 280512
Ion Ratio Lower Upper
168 100
139 39.6 32.2 48.2
169 13.8 10.6 16.0

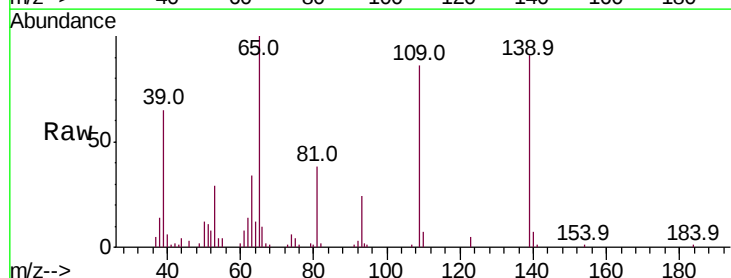


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

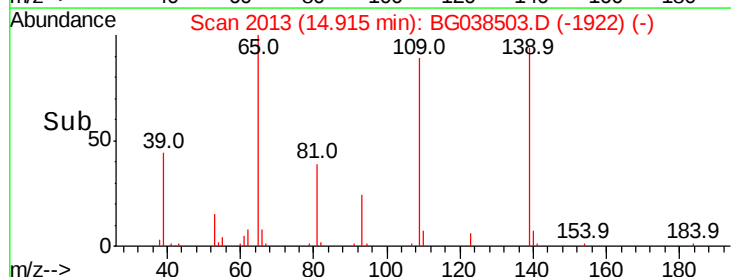
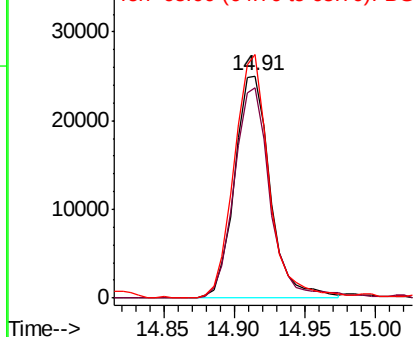


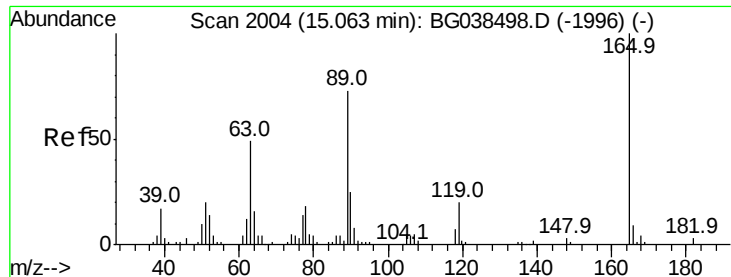
#56
4-Nitrophenol
Concen: 43.430 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion:139 Resp: 44044
Ion Ratio Lower Upper
139 100
109 94.6 73.6 113.6
65 109.8 84.8 124.8



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

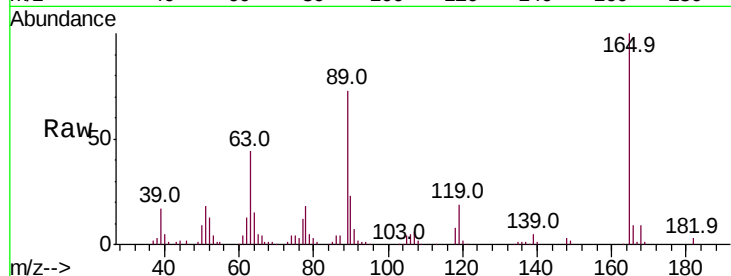




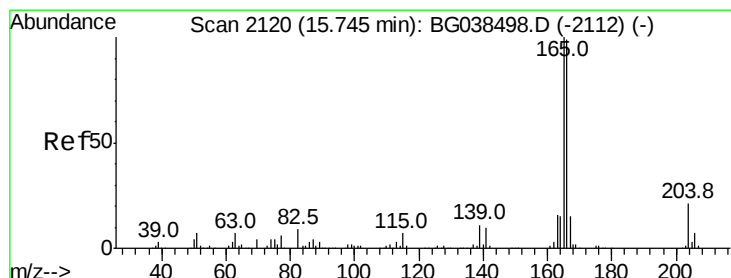
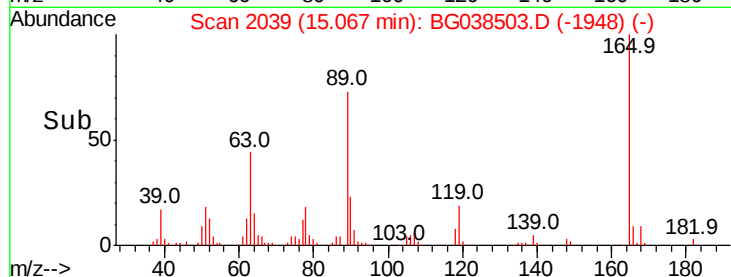
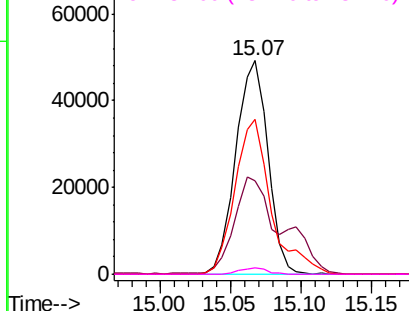
#57
2,4-Dinitrotoluene
Concen: 42.472 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 78447
Ion Ratio Lower Upper
165 100
63 43.8 39.0 58.4
89 72.6 58.0 87.0
182 3.2 2.3 3.5

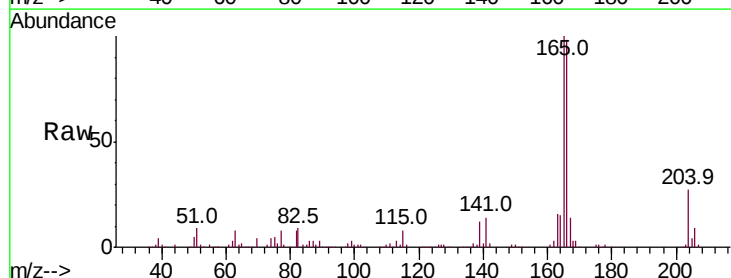


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

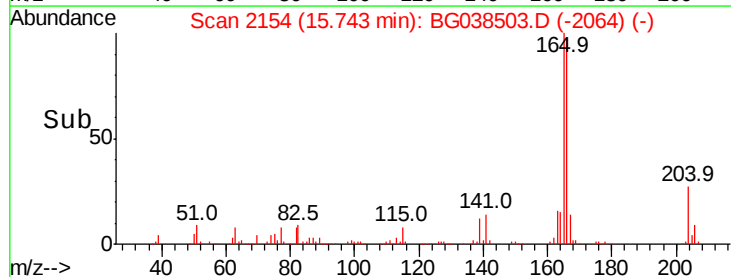
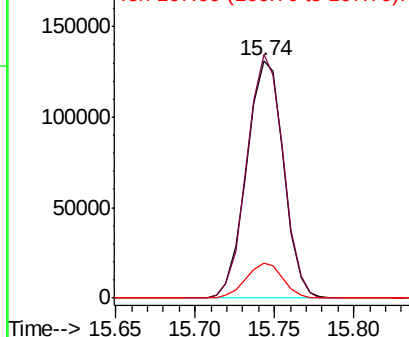


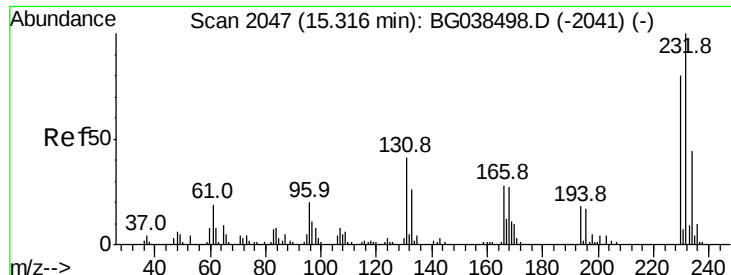
#58
Fluorene
Concen: 40.779 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion:166 Resp: 212440
Ion Ratio Lower Upper
166 100
165 102.4 80.6 120.8
167 14.7 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

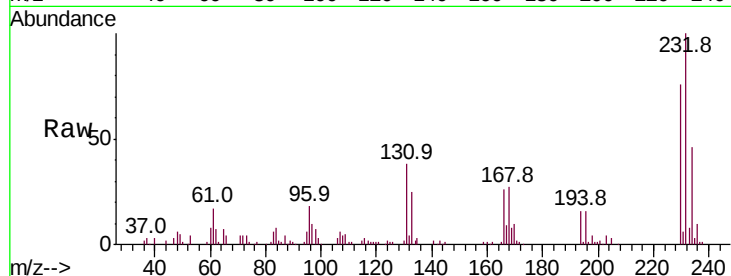




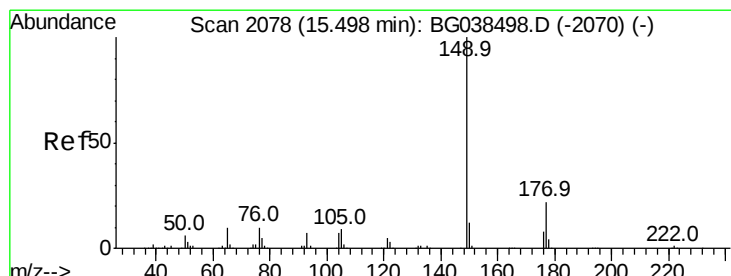
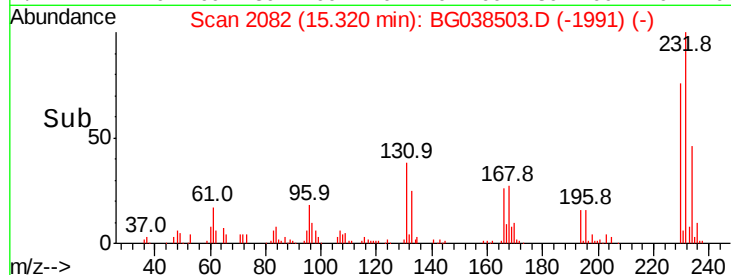
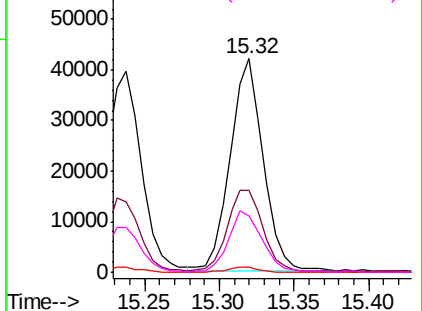
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.917 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 65030
 Ion Ratio Lower Upper
 232 100
 131 42.7 33.0 49.4
 130 2.4 2.0 3.0
 166 29.5 23.1 34.7

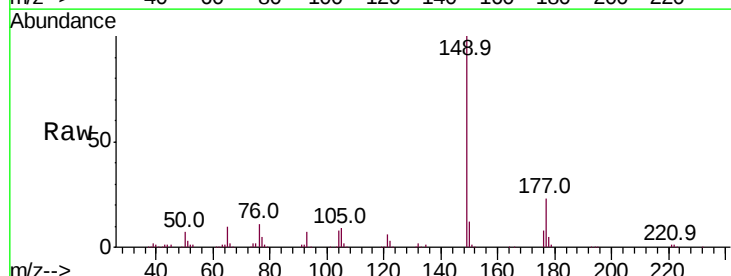


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

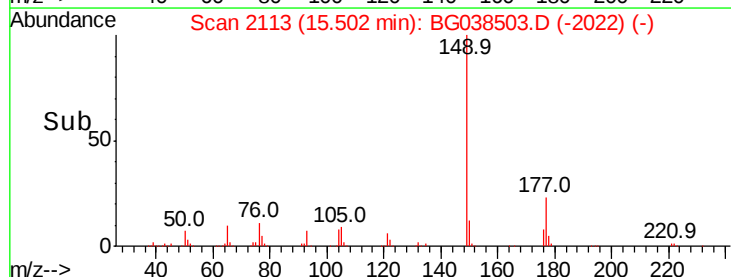
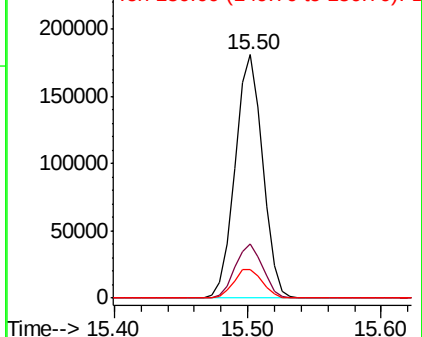


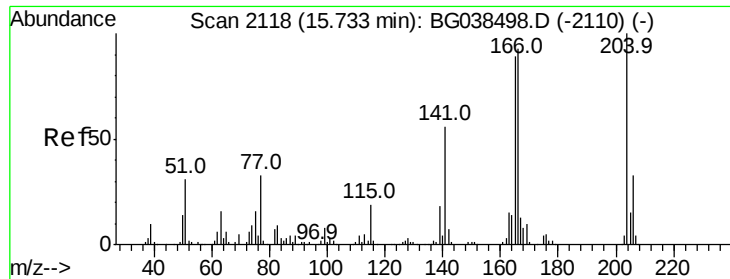
#60
 Diethylphthalate
 Concen: 40.711 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion:149 Resp: 258621
 Ion Ratio Lower Upper
 149 100
 177 22.5 17.7 26.5
 150 11.6 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

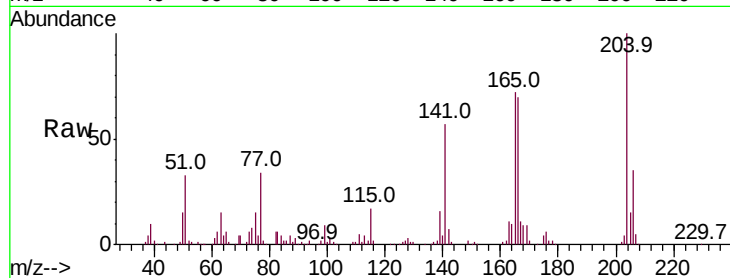




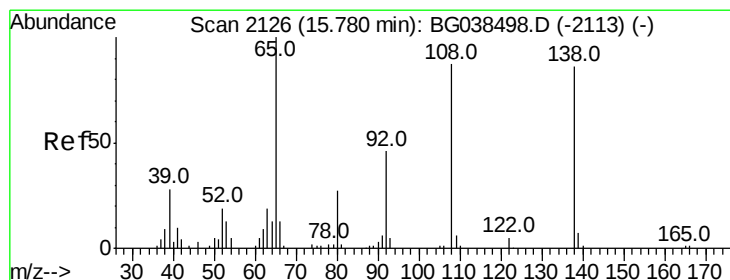
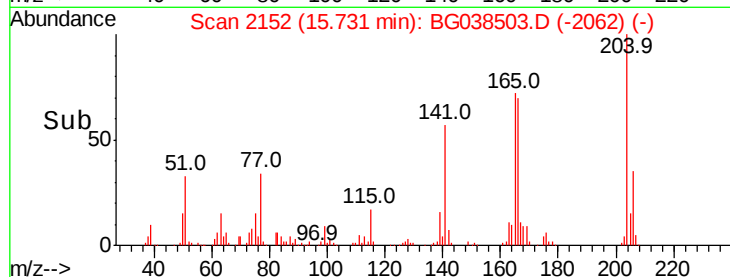
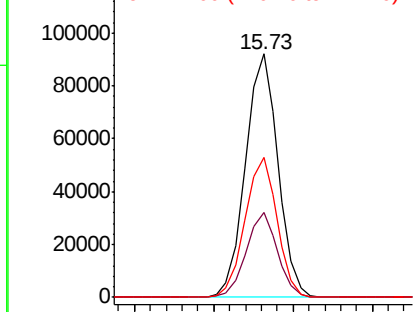
#61
4-Chlorophenyl-phenylether
Concen: 40.259 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 130859
Ion Ratio Lower Upper
204 100
206 34.8 26.0 39.0
141 57.4 44.4 66.6

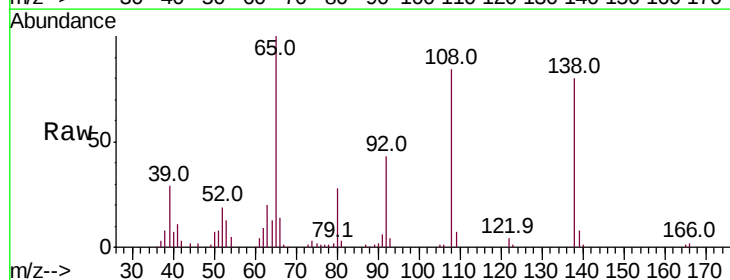


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

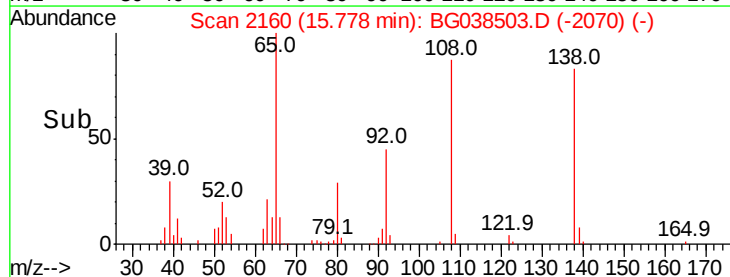
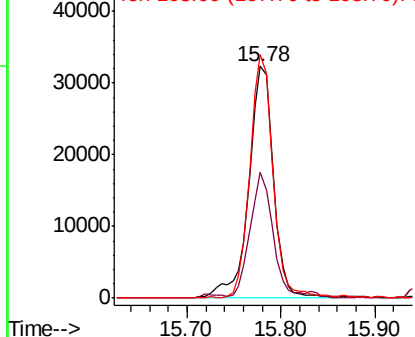


#62
4-Nitroaniline
Concen: 43.085 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion:138 Resp: 59297
Ion Ratio Lower Upper
138 100
92 54.2 33.3 73.3
108 105.0 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: 41.094 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 218086

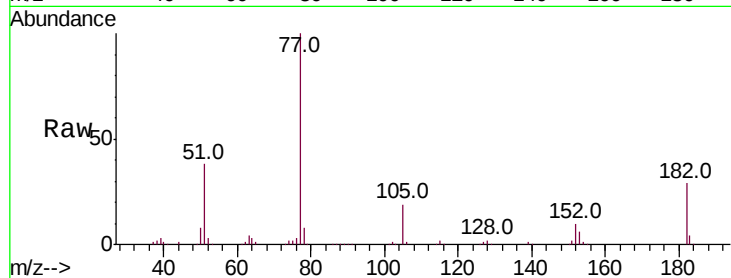
Ion Ratio Lower Upper

77 100

182 28.8 8.7 48.7

105 19.2 0.0 38.7

51 38.0 16.6 56.6

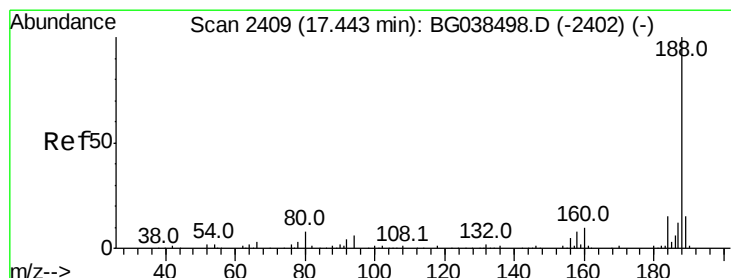
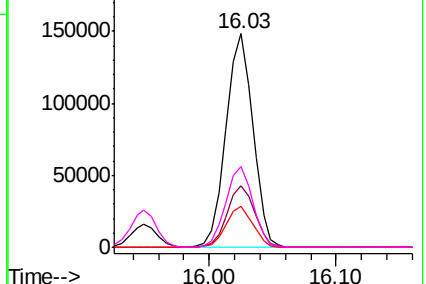
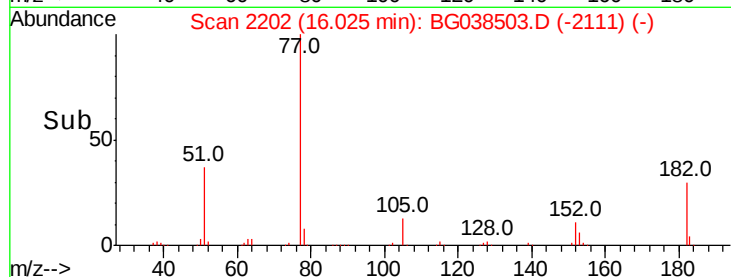


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038503.D

Acq: 12 Dec 2018 17:28

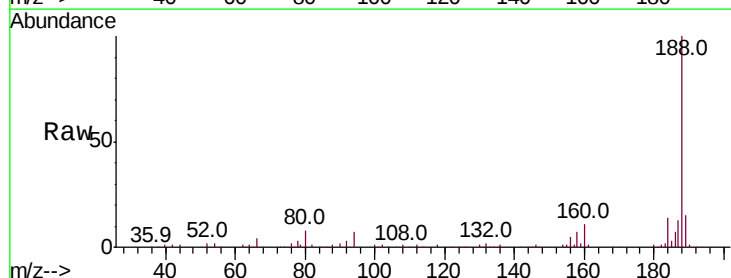
Tgt Ion: 188 Resp: 181528

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

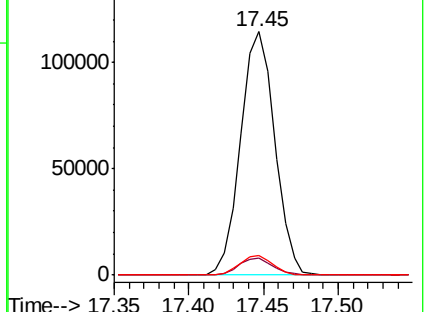
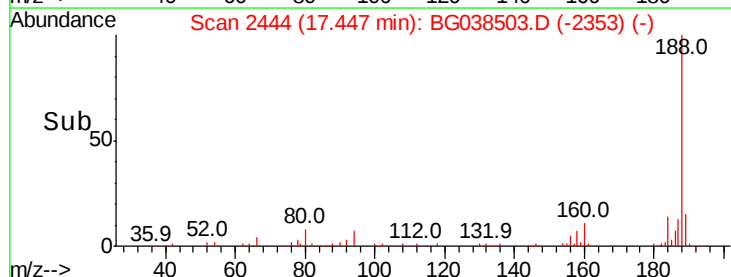
80 8.1 6.1 9.1

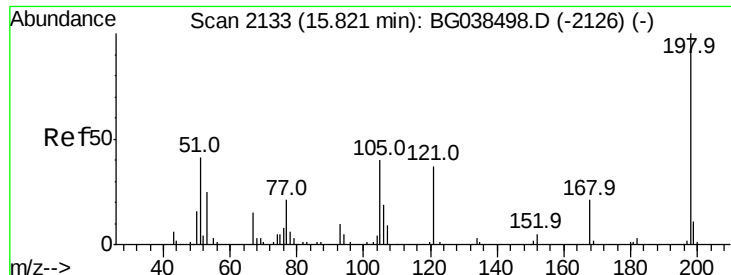


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

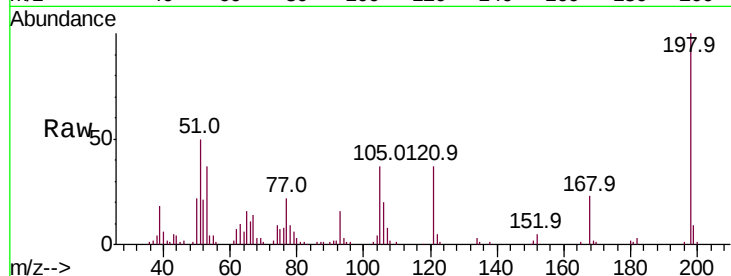




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.289 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.5	28.6	68.6
105	37.5	20.4	60.4

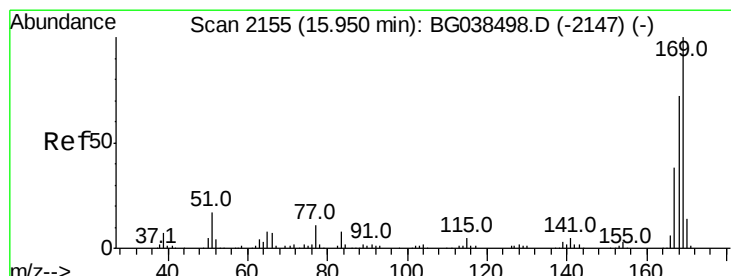
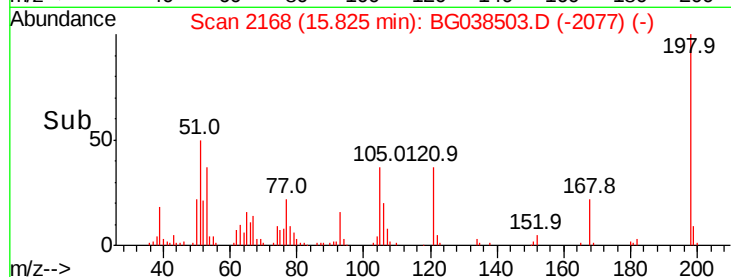
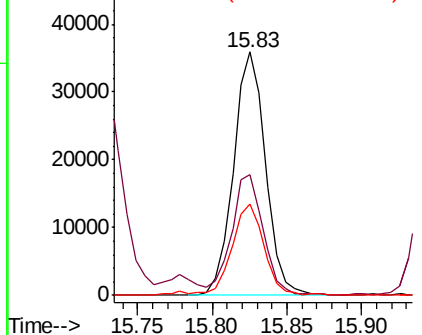


Abundance

Ion 198.00 (197.70 to 198.70): E

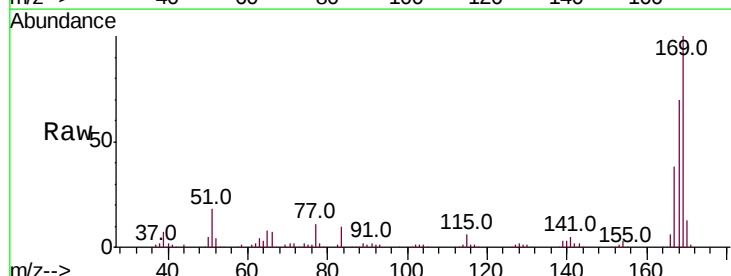
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 39.434 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.4	57.5	86.3
167	38.2	30.2	45.2

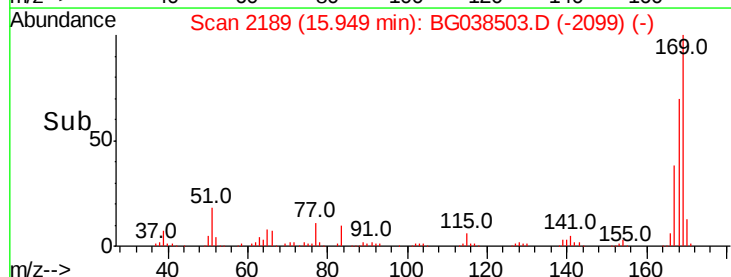
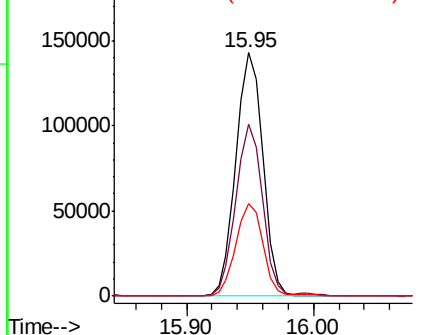


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

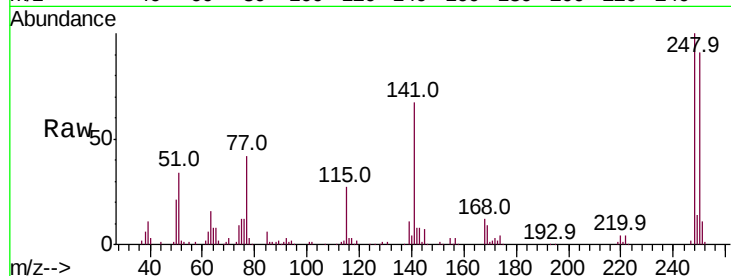




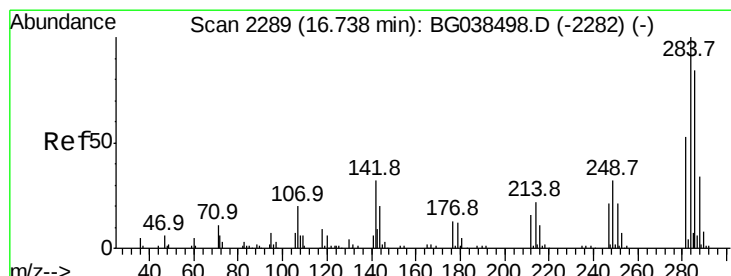
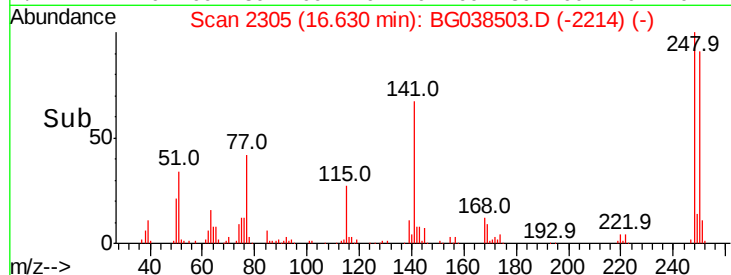
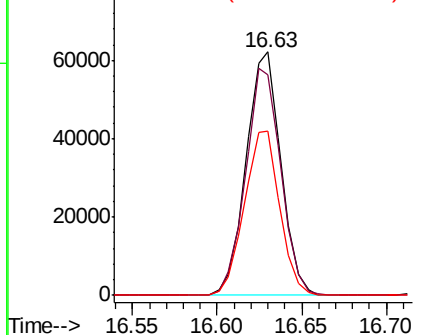
#67
 4-Bromophenyl-phenylether
 Concen: 40.068 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 88830
 Ion Ratio Lower Upper
 248 100
 250 90.8 73.4 110.2
 141 67.5 52.9 79.3

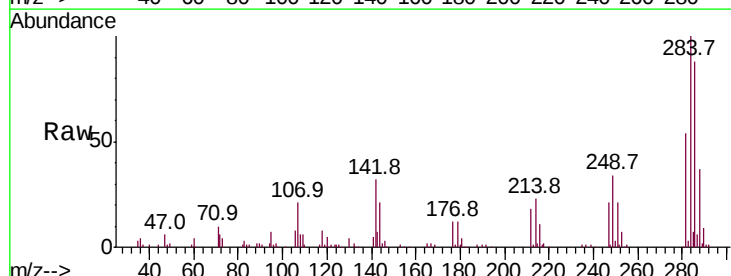


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

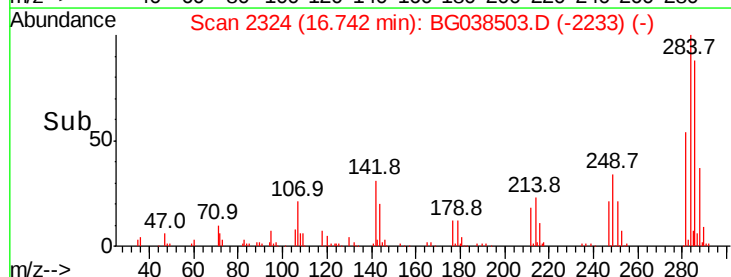
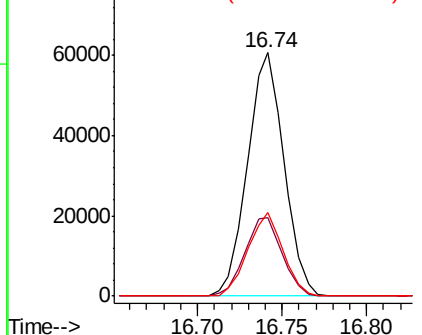


#68
 Hexachlorobenzene
 Concen: 39.569 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion:284 Resp: 90935
 Ion Ratio Lower Upper
 284 100
 142 32.1 25.8 38.6
 249 36.6 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: 41.906 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

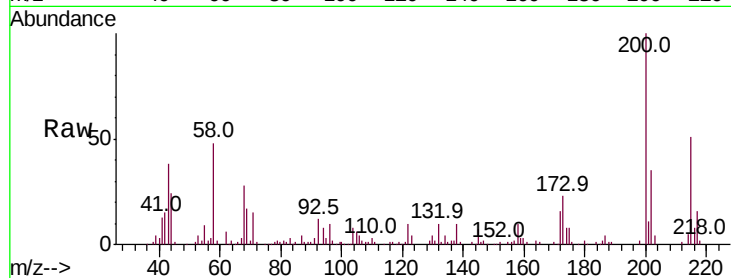
Tot Ion:200 Resp: 82948

Ion Ratio Lower Upper

200 100

173 23.3 5.9 45.9

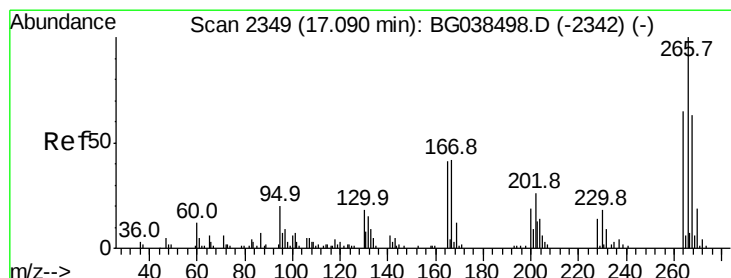
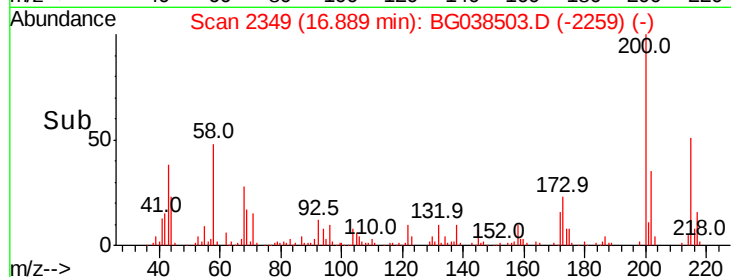
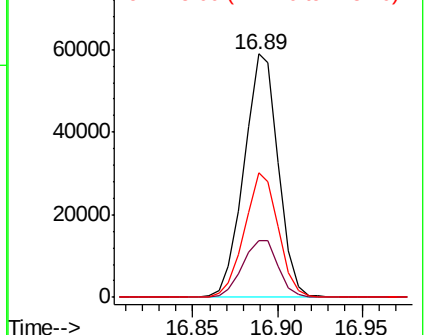
215 51.0 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.990 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

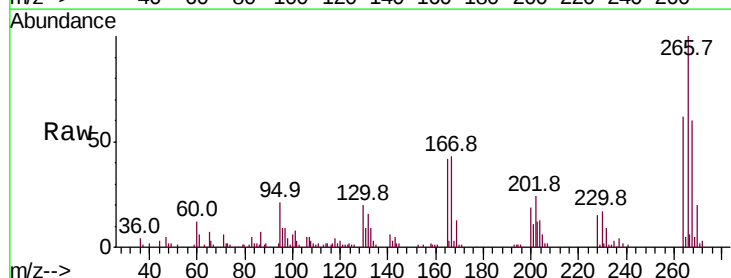
Tgt Ion:266 Resp: 58437

Ion Ratio Lower Upper

266 100

268 64.3 55.0 82.6

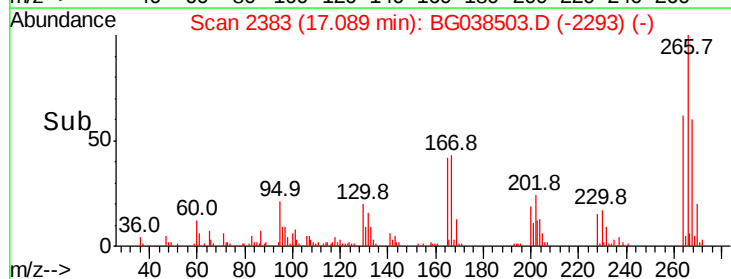
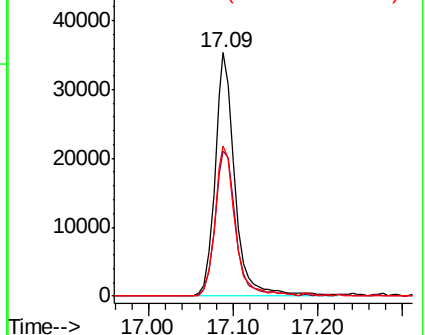
264 67.4 56.7 85.1

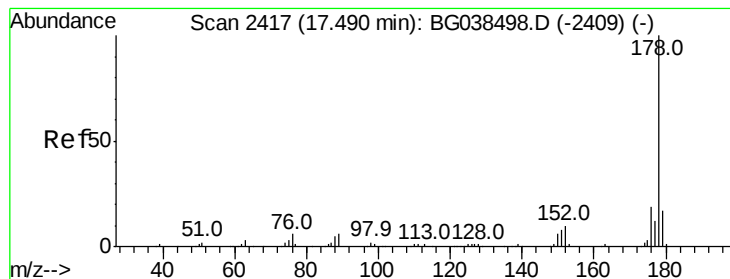


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.537 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

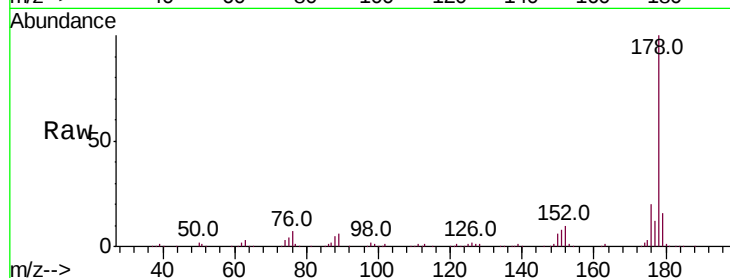
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 372179

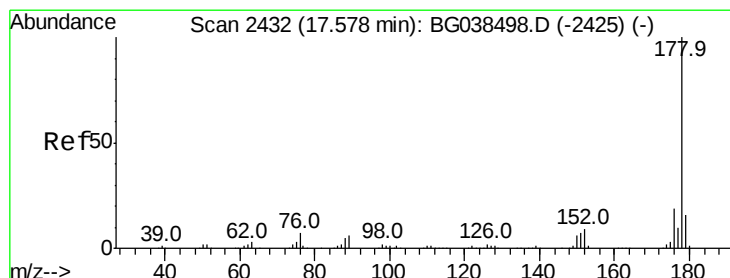
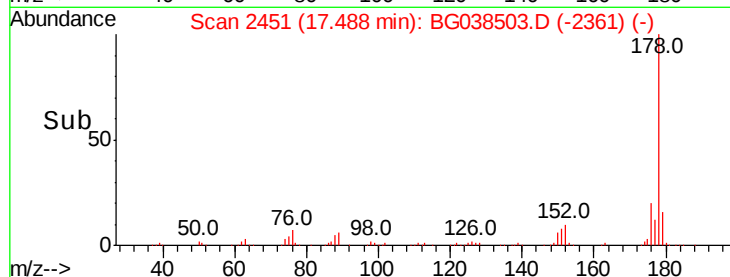
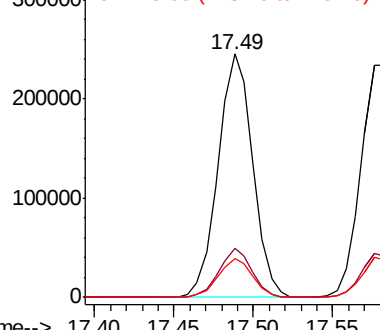
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.8	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.691 ng

RT: 17.58 min Scan# 2467

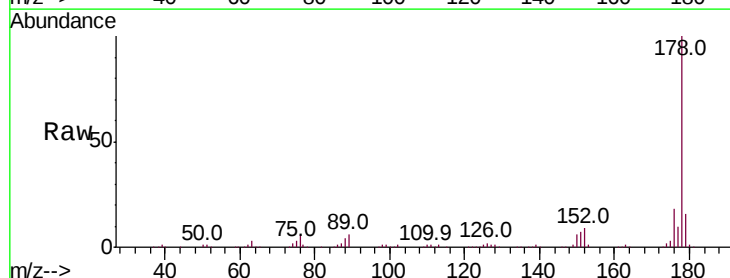
Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Tgt Ion:178 Resp: 368853

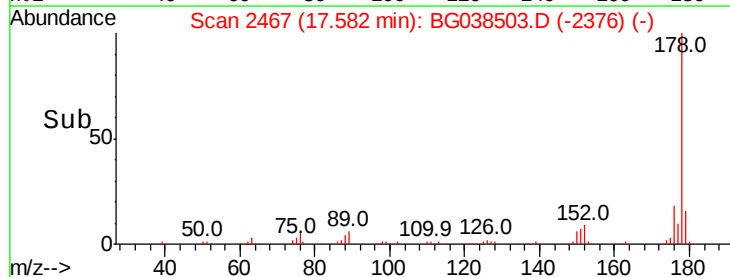
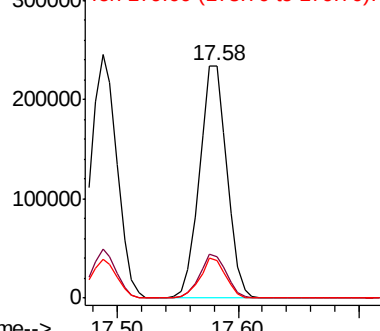
Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	16.0	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

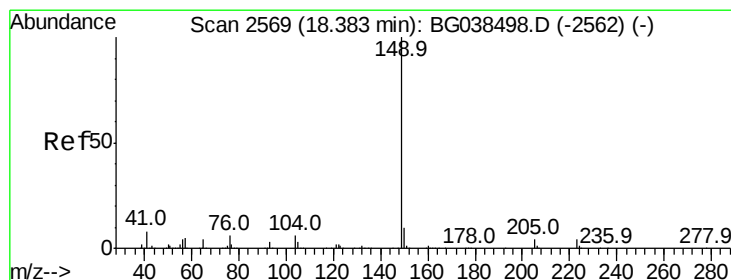
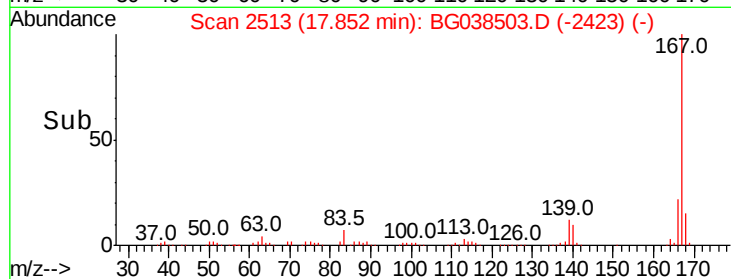
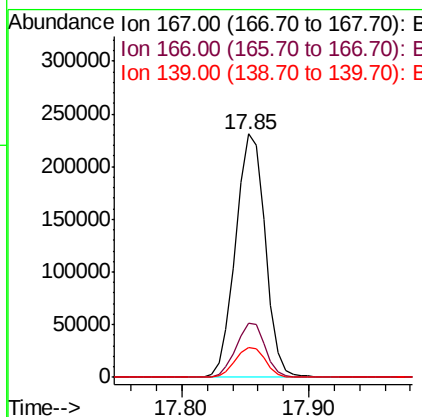
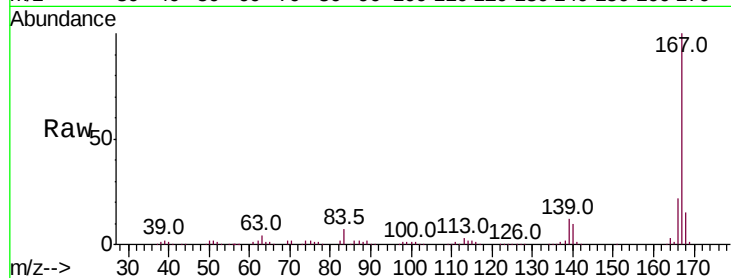




#73
 Carbazole
 Concen: 40.601 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

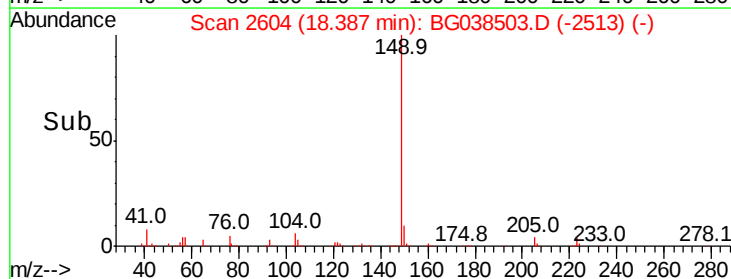
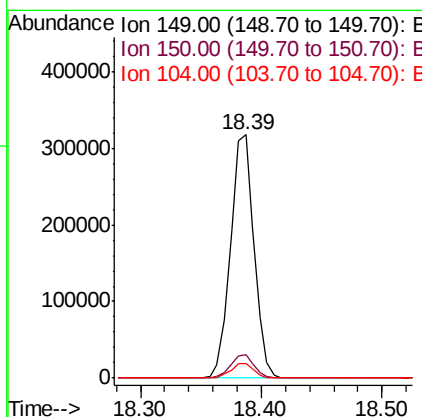
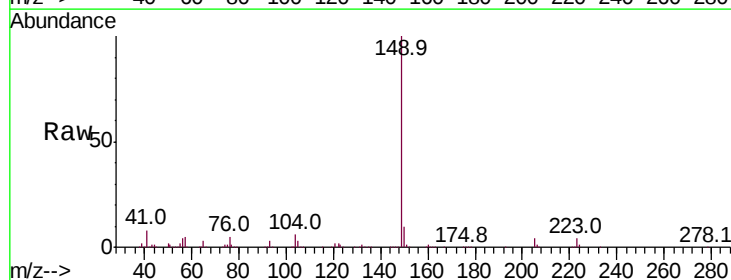
Instrument :
 BNA_G
 ClientSampleId :

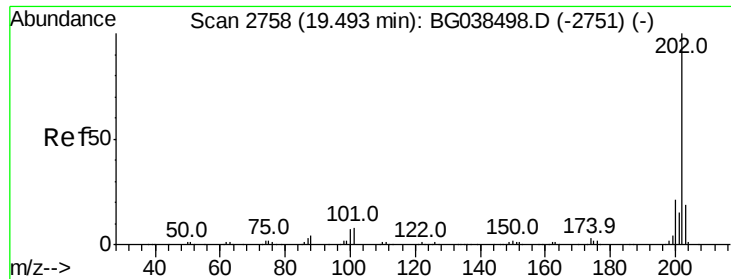
Tot Ion:167 Resp: 373151
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.9 26.9
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 40.812 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion:149 Resp: 430389
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.9 5.0 7.4

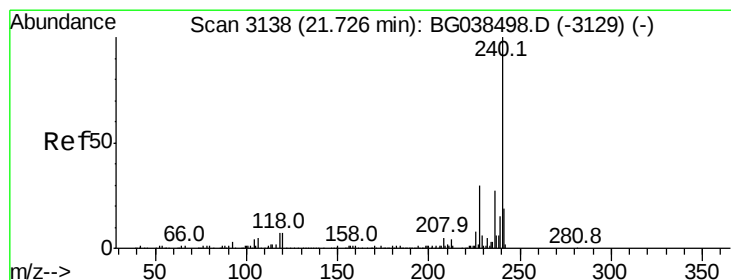
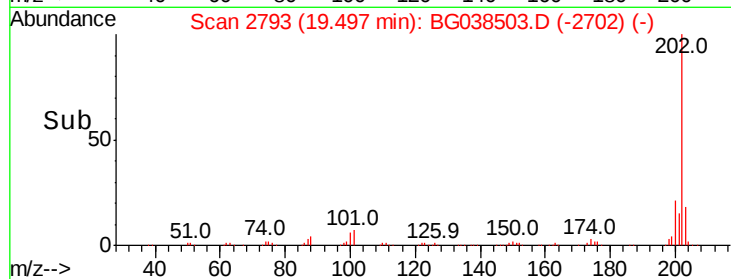
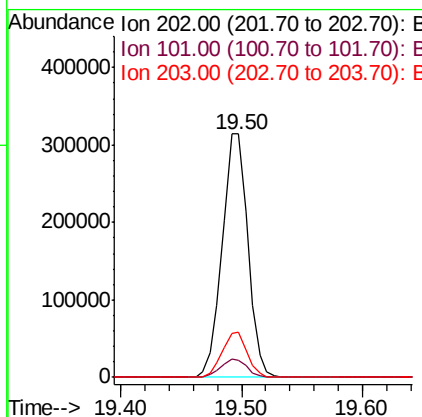
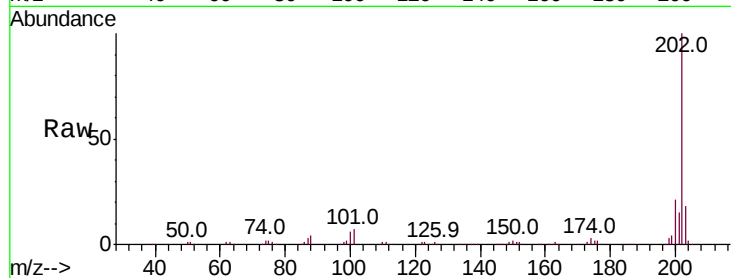




#75
Fluoranthene
 Concen: 39.568 ng
 RT: 19.50 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

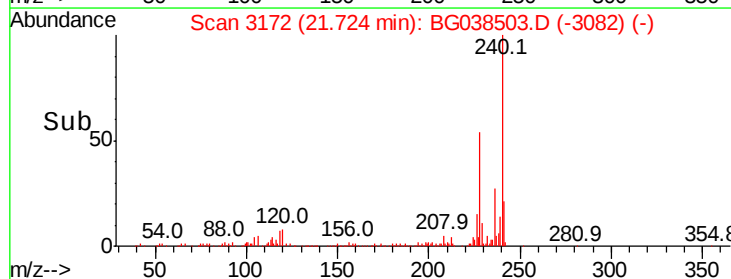
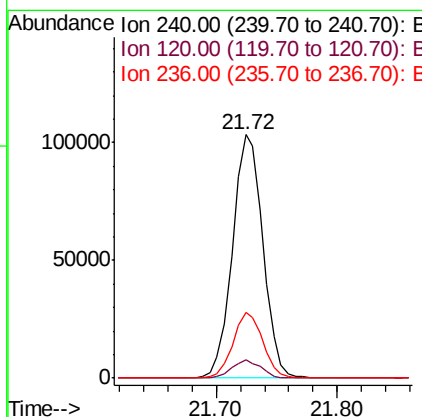
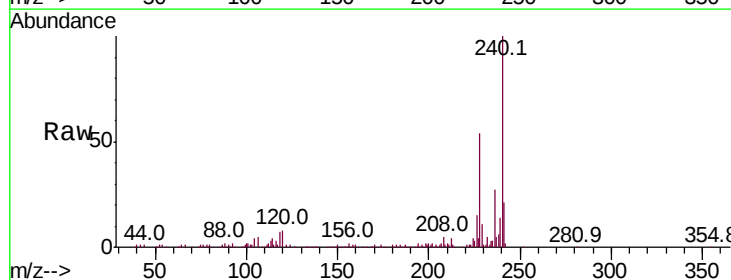
Instrument :
 BNA_G
 ClientSampleId :

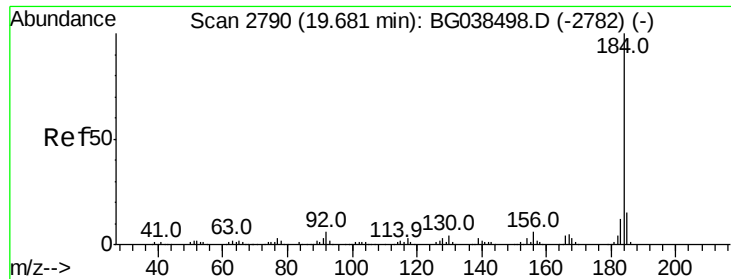
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	28.1
203	18.4	0.0	39.0



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	5.3	7.9
236	26.9	21.4	32.2





#77

Benzidine

Concen: 46.623 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

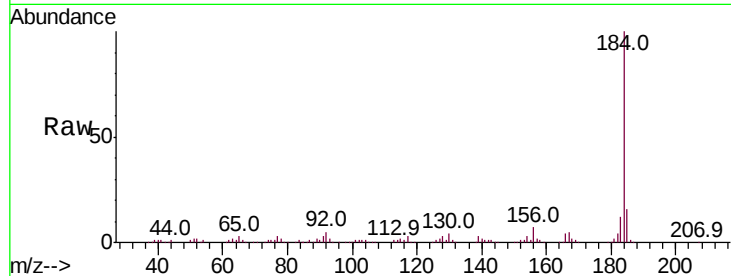
Tot Ion:184 Resp: 249178

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

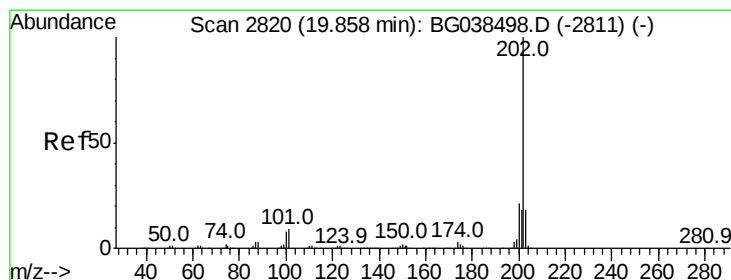
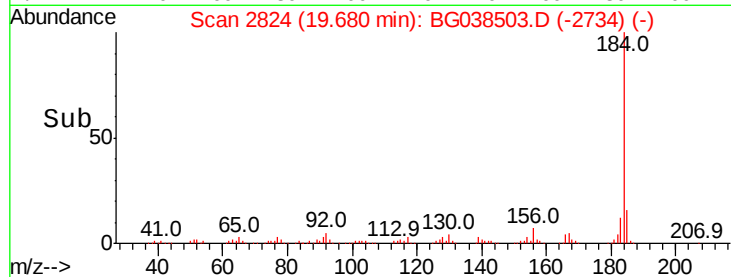
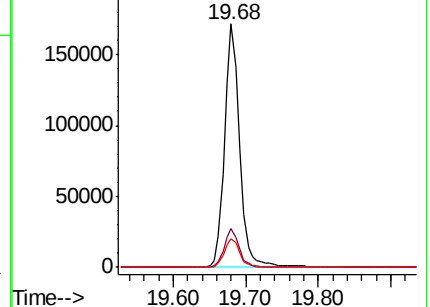
183 11.8 9.6 14.4



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: 39.354 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

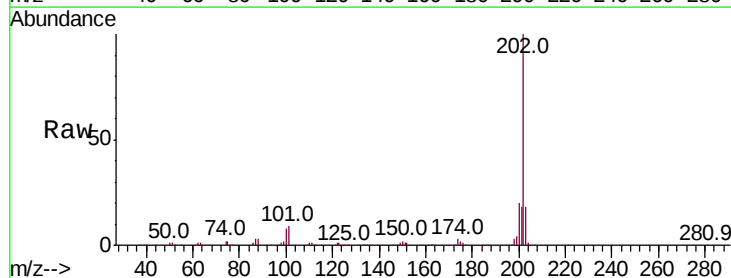
Tgt Ion:202 Resp: 469833

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

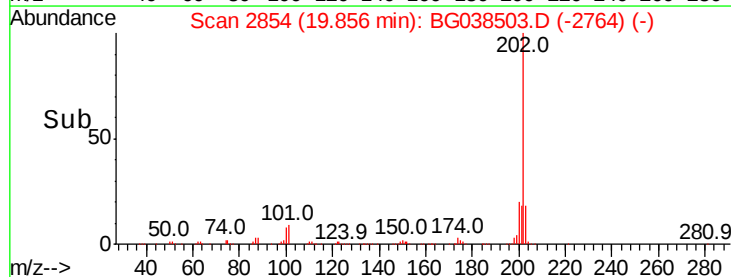
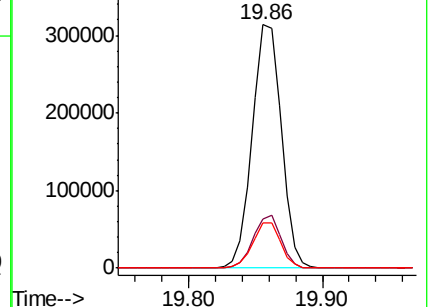
203 18.4 14.6 21.8

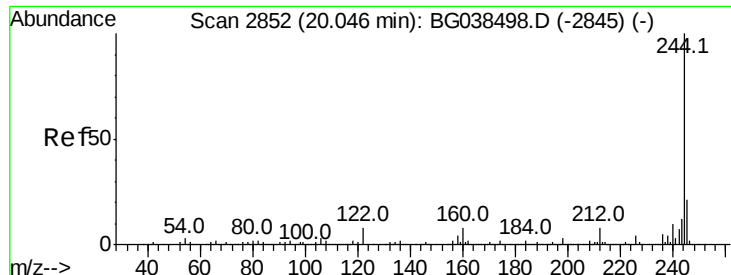


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.250 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

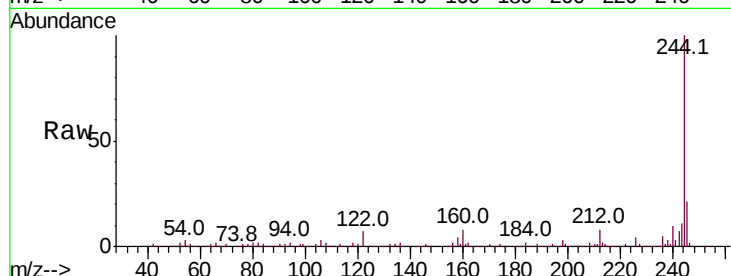
Tot Ion:244 Resp: 682976

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

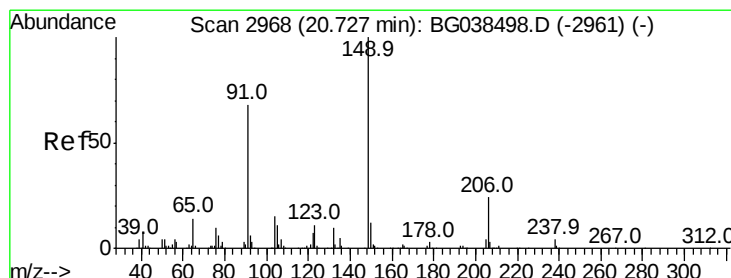
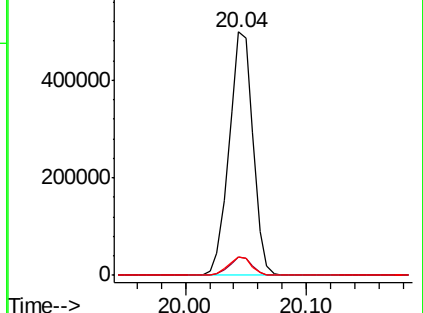
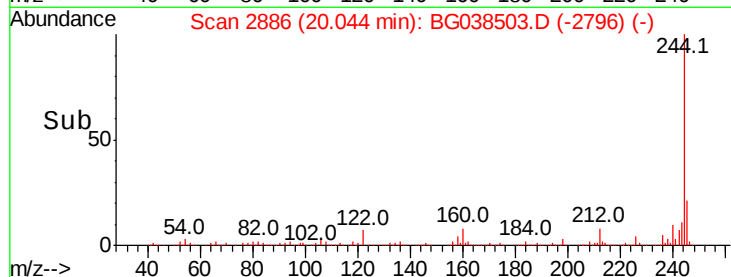
122 7.4 6.3 9.5



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: 41.157 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

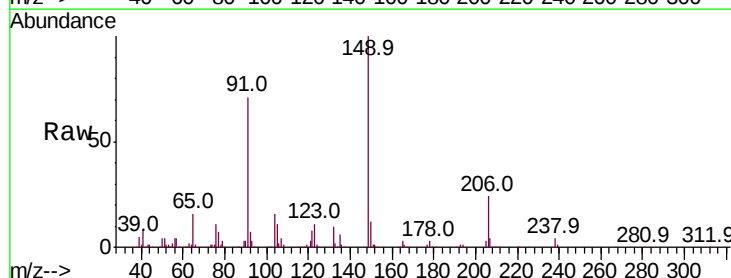
Tgt Ion:149 Resp: 191967

Ion Ratio Lower Upper

149 100

91 71.5 54.5 81.7

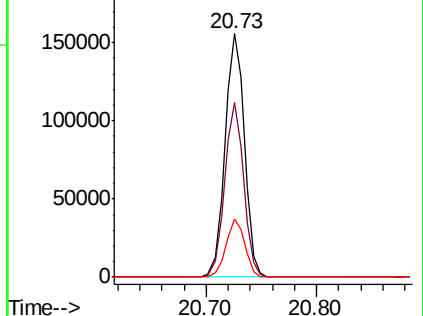
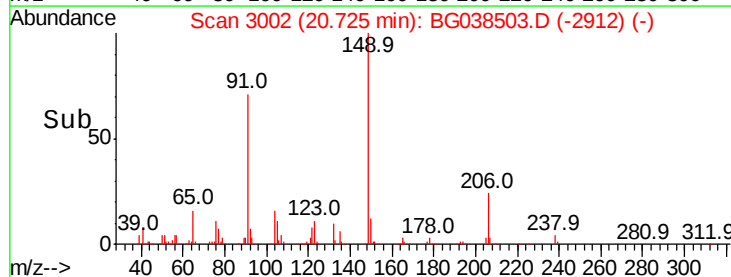
206 23.7 19.0 28.6

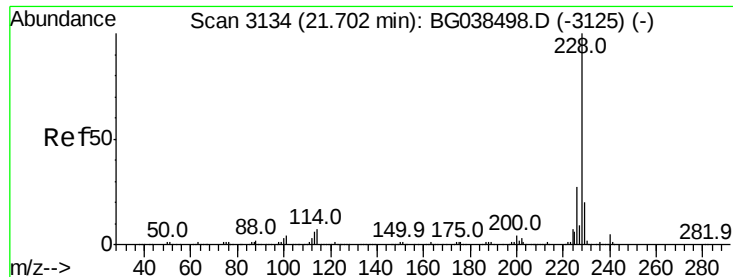


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.207 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

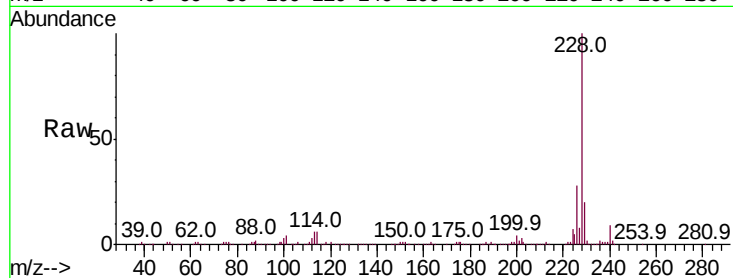
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 453766

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	20.0	15.8	23.6

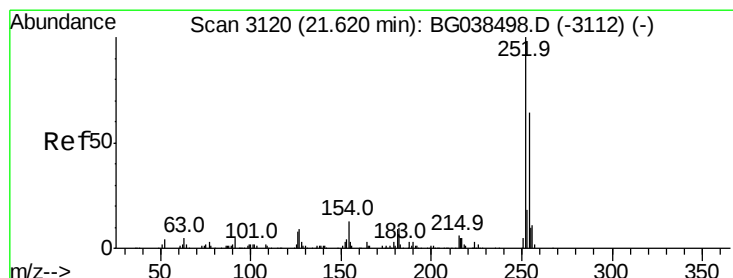
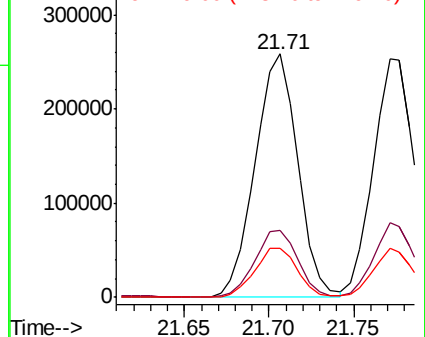
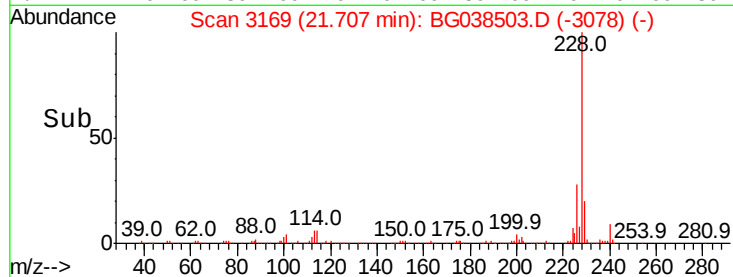


Abundance

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: 42.173 ng

RT: 21.62 min Scan# 3154

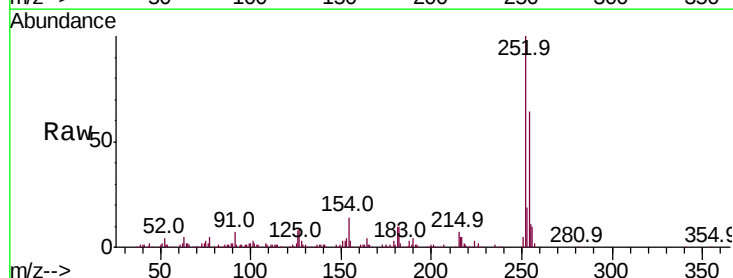
Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Tgt Ion:252 Resp: 184183

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.9	76.3
126	8.1	6.3	9.5

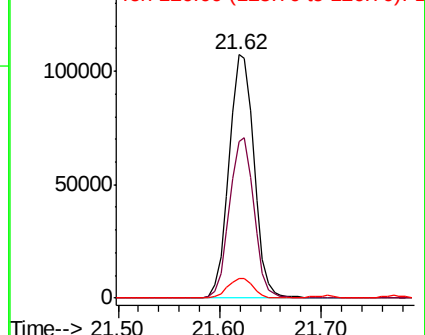
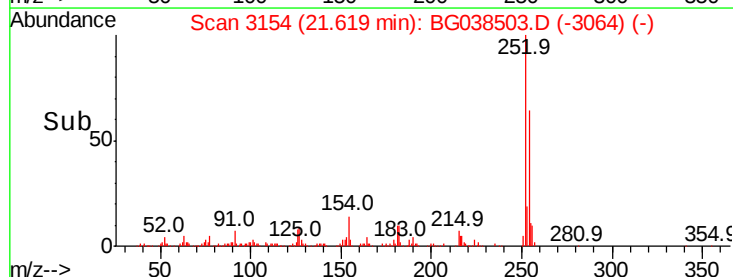


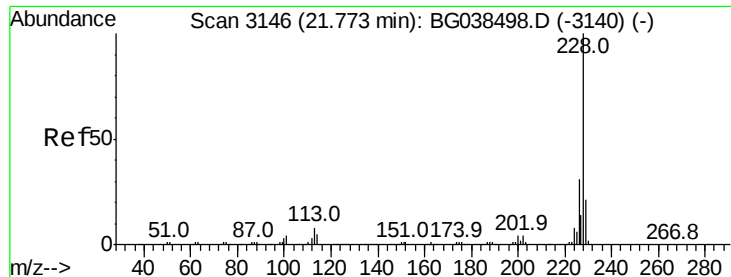
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.272 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

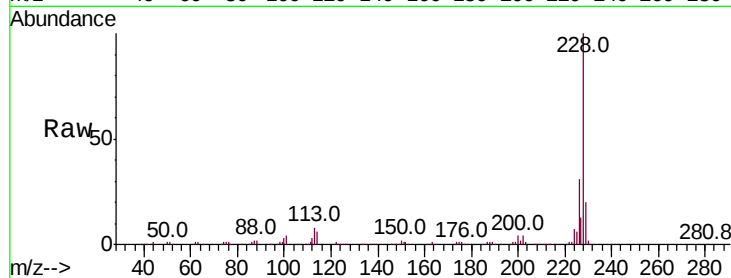
Tot Ion:228 Resp: 427144

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.4

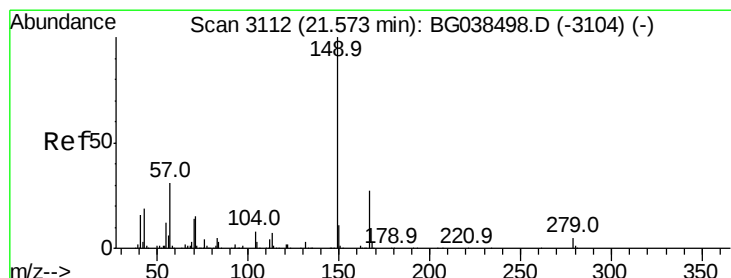
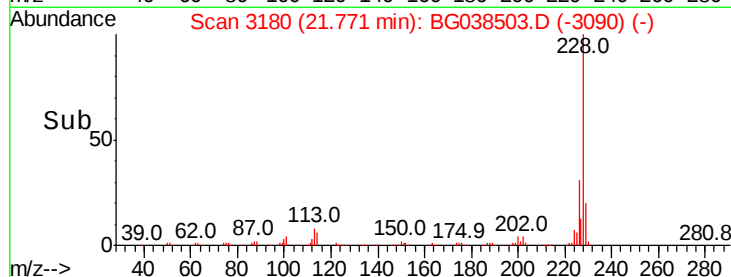
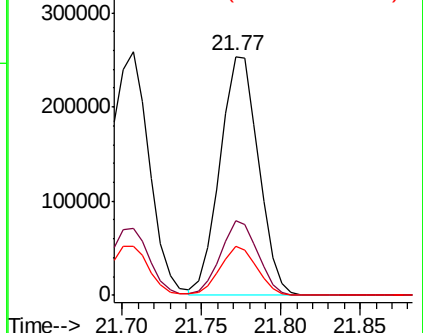
229 20.3 16.5 24.7



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: 41.463 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

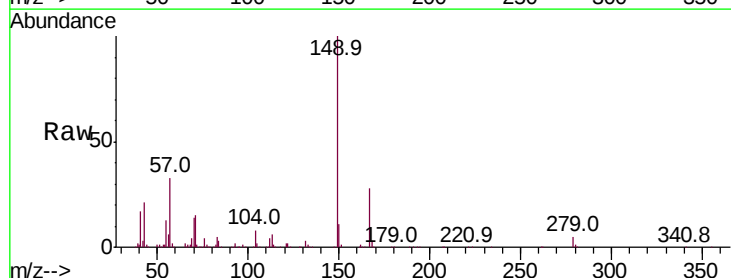
Tgt Ion:149 Resp: 274288

Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

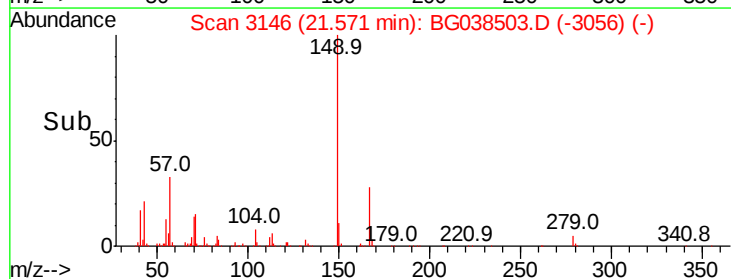
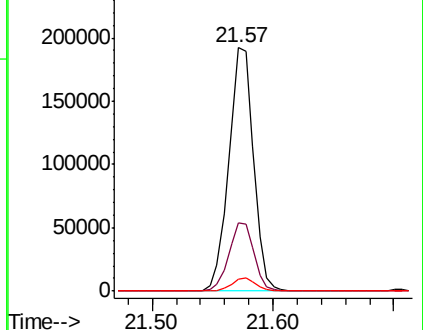
279 5.1 4.2 6.2

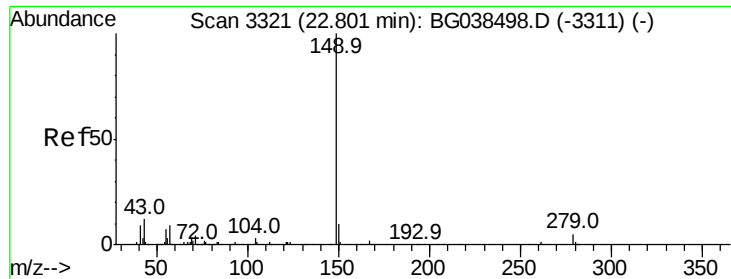


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

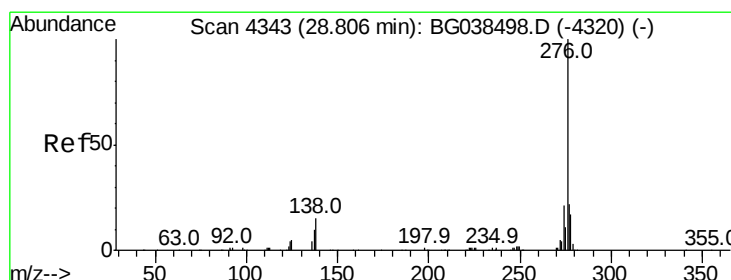
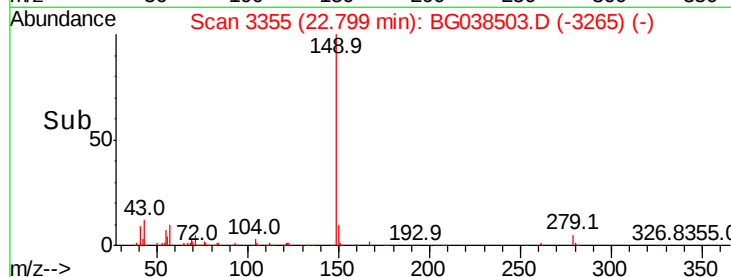
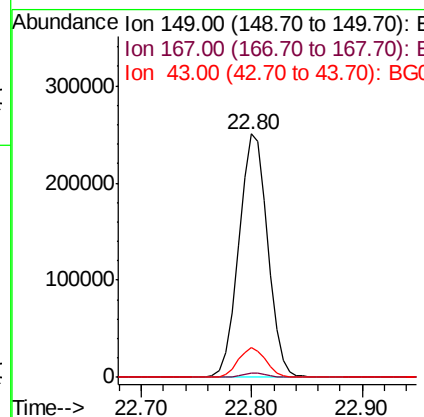
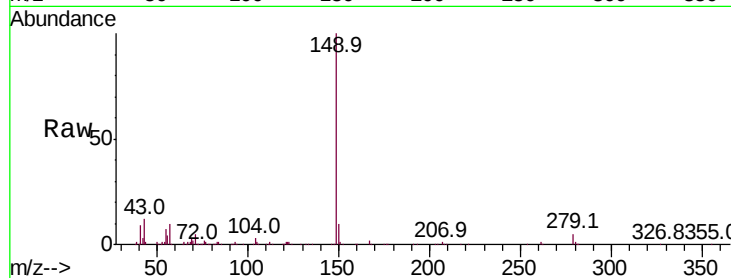




#85
Di-n-octyl phthalate
Concen: 41.465 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

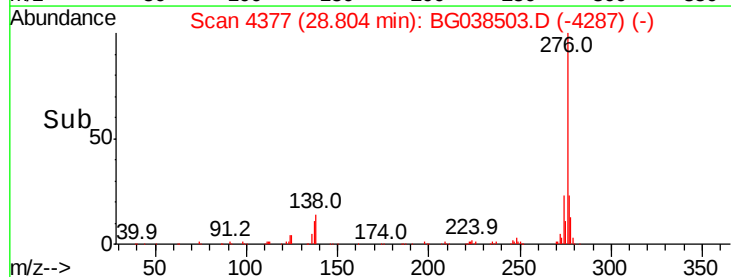
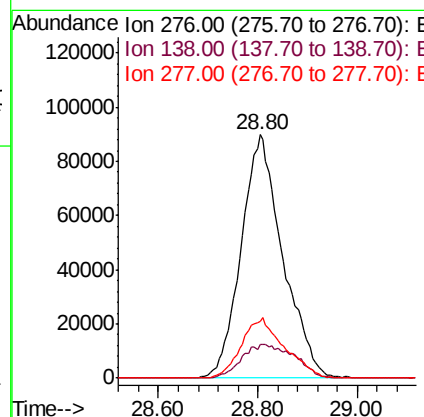
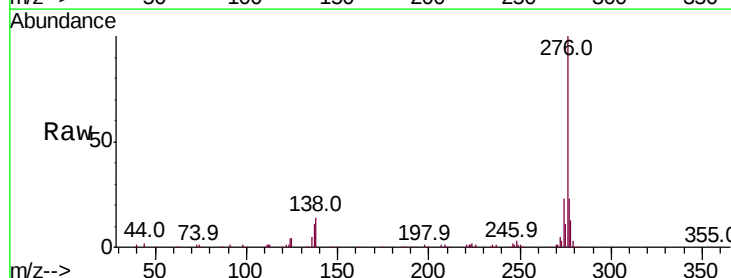
Instrument :
BNA_G
ClientSampleId :

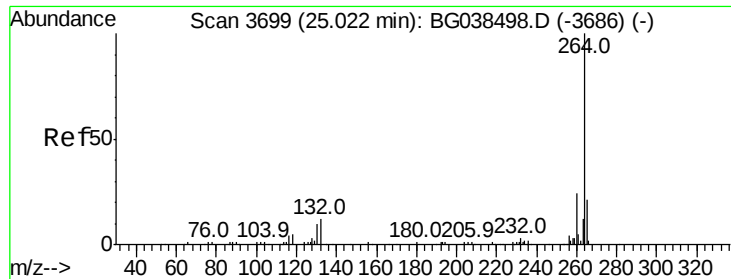
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.0	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.677 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.4	21.6
277	25.5	0.0	0.0#



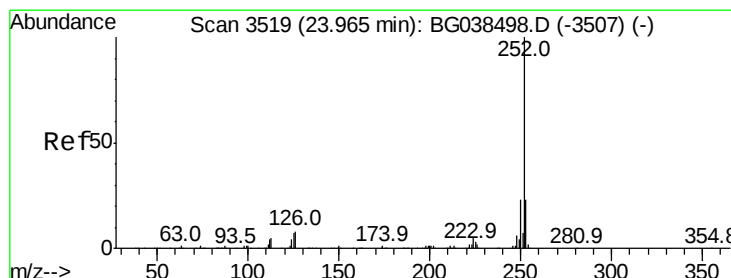
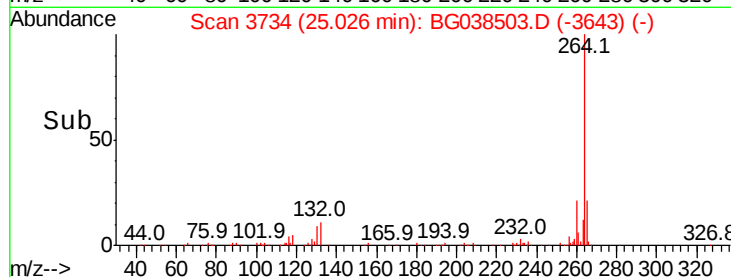
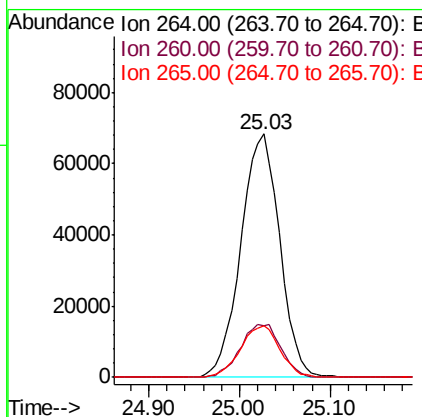
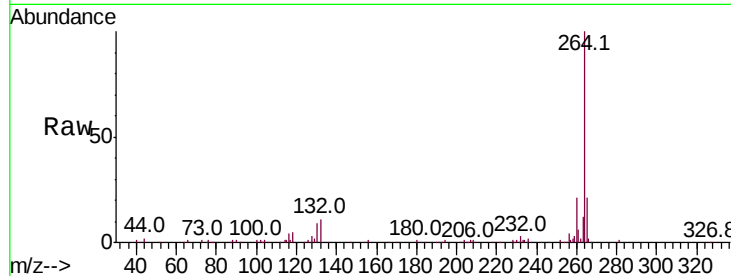


#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3734
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 203401

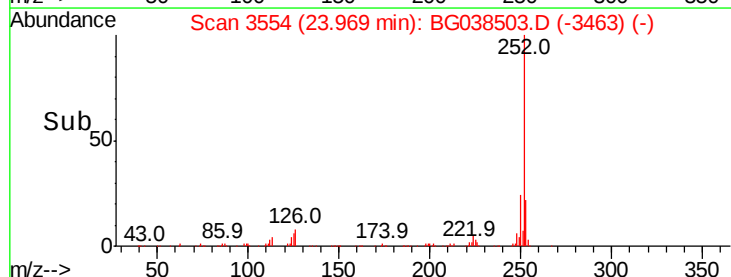
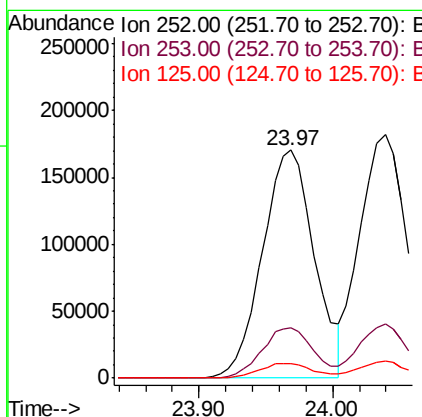
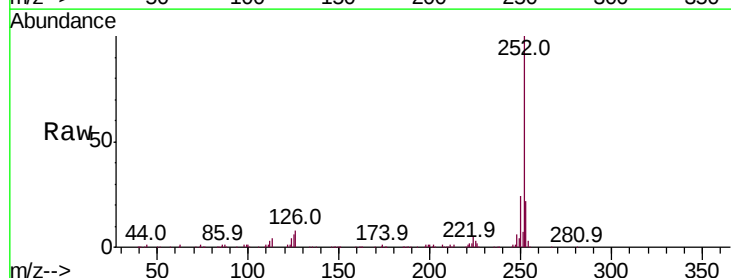
Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.9	28.3
265	21.0	17.0	25.4

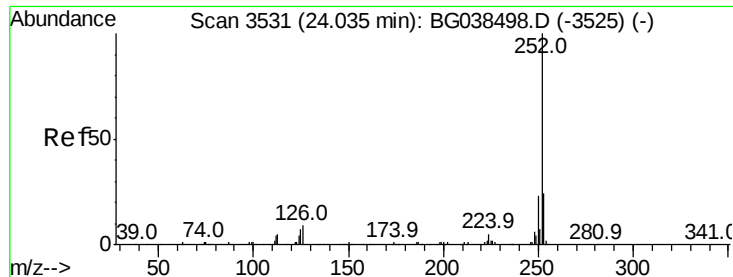


#88
 Benzo(b)fluoranthene
 Concen: 41.186 ng
 RT: 23.97 min Scan# 3554
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Tgt Ion:252 Resp: 459947

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	6.5	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 39.717 ng

RT: 24.04 min Scan# 3566

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Instrument :

BNA_G

ClientSampleId :

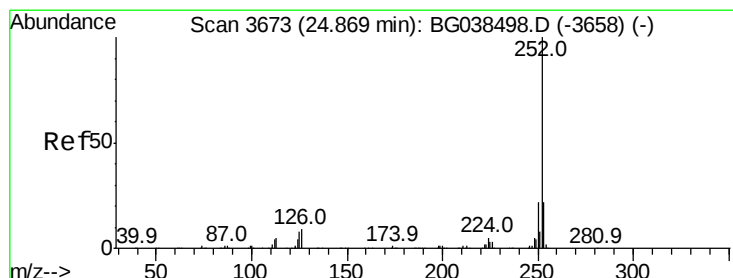
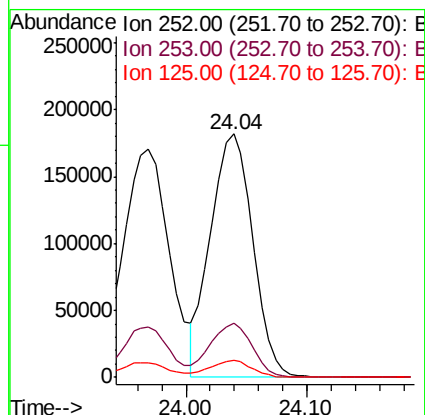
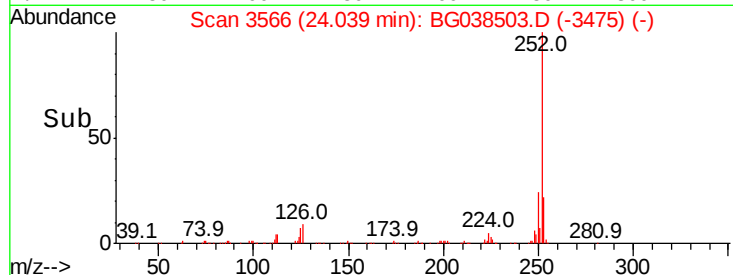
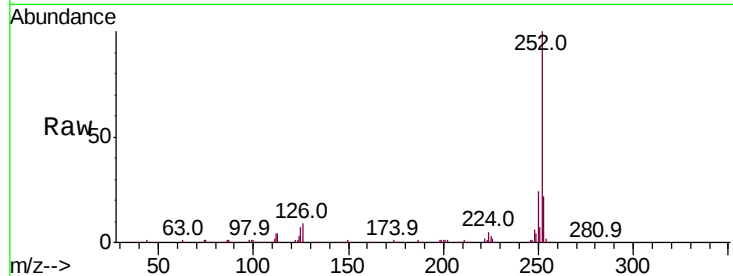
Tot Ion:252 Resp: 441673

Ion Ratio Lower Upper

252 100

253 22.5 18.9 28.3

125 6.8 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.043 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

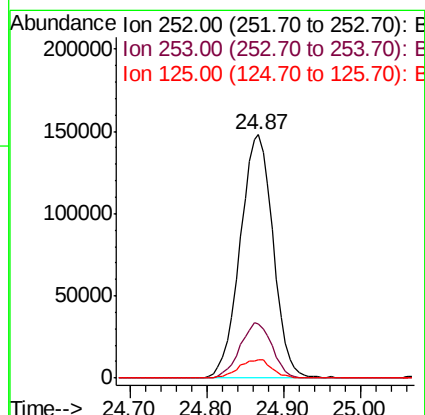
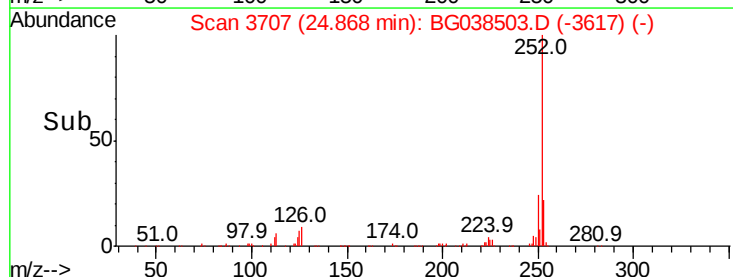
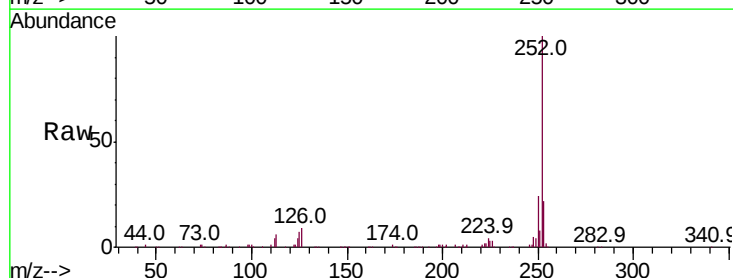
Tgt Ion:252 Resp: 442190

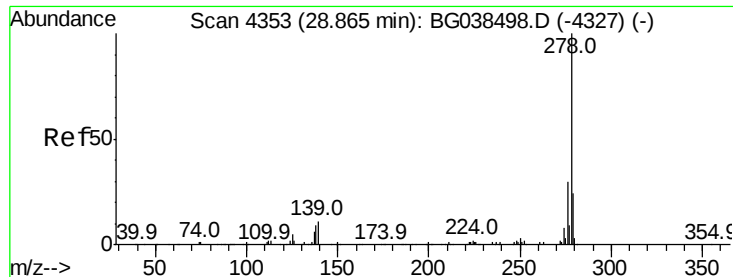
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 7.4 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 40.380 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

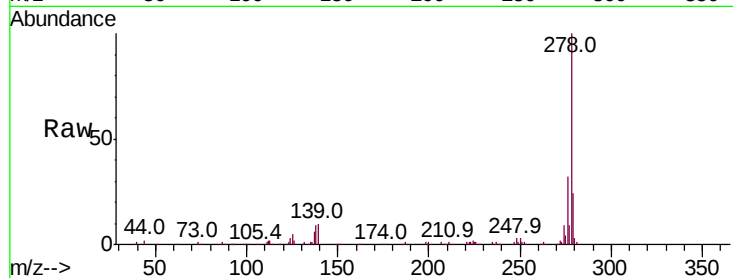
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 433162

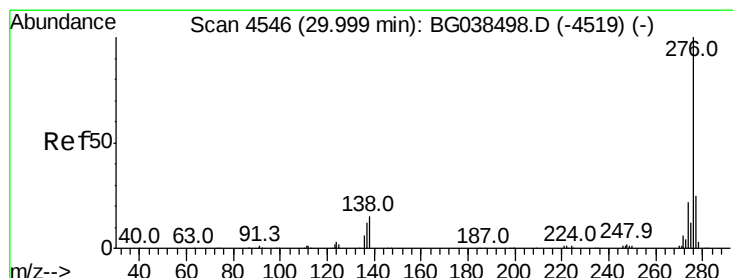
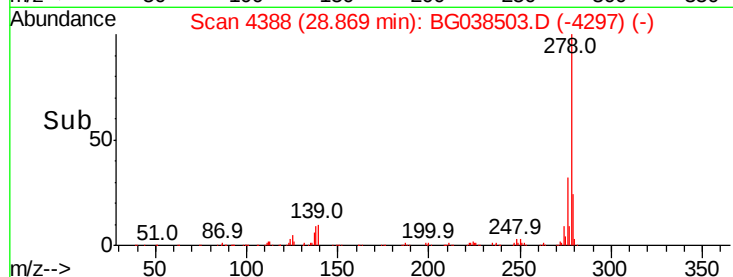
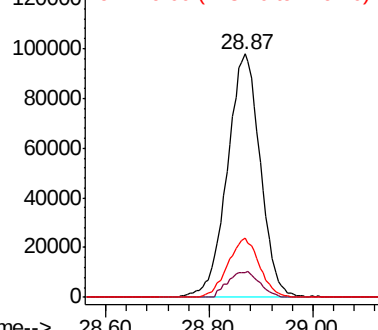
Ion	Ratio	Lower	Upper
278	100		
139	10.2	8.6	12.8
279	24.2	19.0	28.6



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: 40.100 ng

RT: 30.00 min Scan# 4580

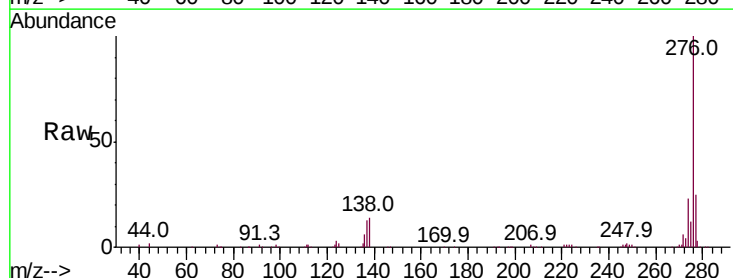
Delta R.T. -0.00 min

Lab File: BG038503.D

Acq: 12 Dec 2018 17:28

Tgt Ion:276 Resp: 423919

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	13.9	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

