

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 :
 ICVBG121218

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

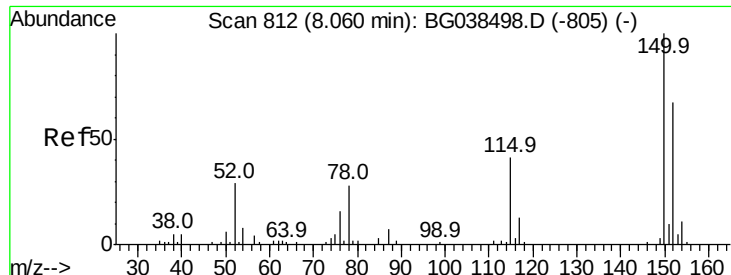
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	57148	39.271	nq	94
43) 2,4,6-Trichlorophenol	13.13	196	68242	41.901	nq	96
44) 2,4,5-Trichlorophenol	13.20	196	73885	42.848	nq	95
46) 1,1'-Biphenyl	13.53	154	231442	38.960	nq	97
47) 2-Chloronaphthalene	13.58	162	181053	39.456	nq	98
48) 2-Nitroaniline	13.79	65	62608	42.834	nq	98
49) Acenaphthylene	14.43	152	277494	40.451	nq	99
50) Dimethylphthalate	14.15	163	238237	41.169	nq	99
51) 2,6-Dinitrotoluene	14.28	165	54475	41.540	nq	96
52) Acenaphthene	14.76	154	165467	40.338	nq	100
53) 3-Nitroaniline	14.61	138	57944	43.345	nq	98
54) 2,4-Dinitrophenol	14.82	184	29767	40.859	nq	96
55) Dibenzofuran	15.10	168	280512	39.894	nq	99
56) 4-Nitrophenol	14.91	139	44044	43.430	nq	97
57) 2,4-Dinitrotoluene	15.07	165	78447	42.472	nq	97
58) Fluorene	15.74	166	212440	40.779	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	65030	41.917	nq	98
60) Diethylphthalate	15.50	149	258621	40.711	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	130859	40.259	nq	97
62) 4-Nitroaniline	15.78	138	59297	43.085	nq	97
63) Azobenzene	16.03	77	218086	41.094	nq	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	53466	41.289	nq	97
66) n-Nitrosodiphenylamine	15.95	169	210331	39.434	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	88830	40.068	nq	99
68) Hexachlorobenzene	16.74	284	90935	39.569	nq	97
69) Atrazine	16.89	200	82948	41.906	nq	96
70) Pentachlorophenol	17.09	266	58437	42.990	nq	95
71) Phenanthrene	17.49	178	372179	39.537	nq	98
72) Anthracene	17.58	178	368853	39.691	nq	99
73) Carbazole	17.85	167	373151	40.601	nq	100
74) Di-n-butylphthalate	18.39	149	430389	40.812	nq	99
75) Fluoranthene	19.50	202	460847	39.568	nq	98
77) Benzidine	19.68	184	249178	46.623	nq	99
78) Pyrene	19.86	202	469833	39.354	nq	99
80) Butylbenzylphthalate	20.73	149	191967	41.157	nq	97
81) Benzo(a)anthracene	21.71	228	453766	41.207	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	184183	42.173	nq	99
83) Chrysene	21.77	228	427144	40.272	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	274288	41.463	nq	99
85) Di-n-octyl phthalate	22.80	149	459386	41.465	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	519704	41.677	nq	# 99
88) Benzo(b)fluoranthene	23.97	252	459947	41.186	nq	99
89) Benzo(k)fluoranthene	24.04	252	441673	39.717	nq	98
90) Benzo(a)pyrene	24.87	252	442190	41.043	nq	99
91) Dibenzo(a,h)anthracene	28.87	278	433162	40.380	nq	99
92) Benzo(g,h,i)perylene	30.00	276	423919	40.100	nq	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

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ICVBG121218

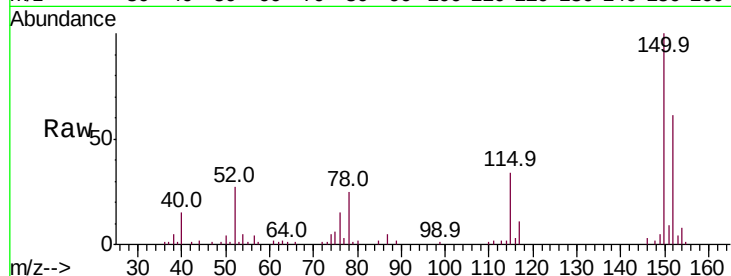
Tot Ion:152 Resp: 25055

Ion Ratio Lower Upper

152 100

150 163.2 119.5 179.3

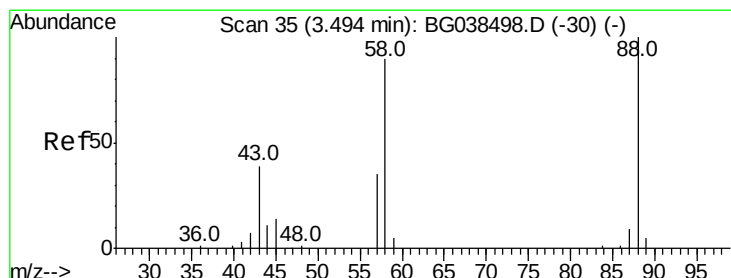
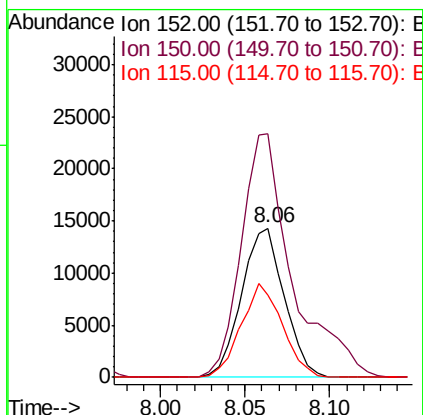
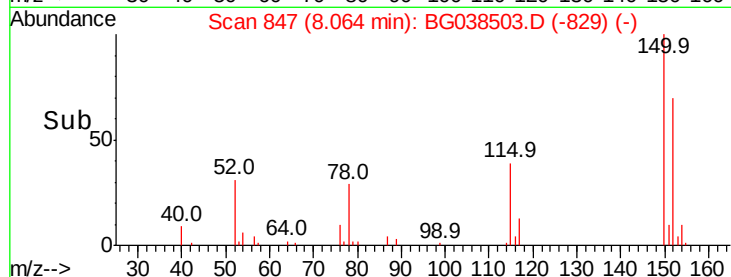
115 55.1 49.6 74.4



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

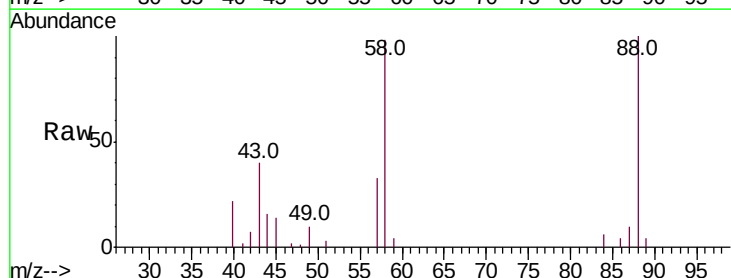
Tgt Ion: 88 Resp: 27899

Ion Ratio Lower Upper

88 100

58 96.0 75.7 113.5

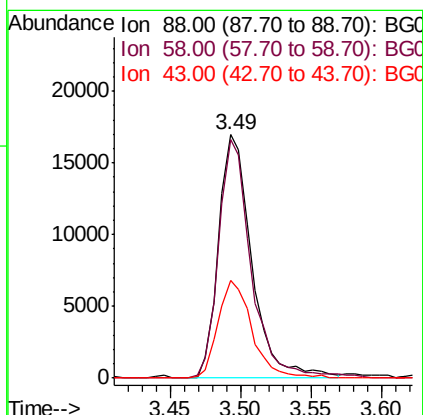
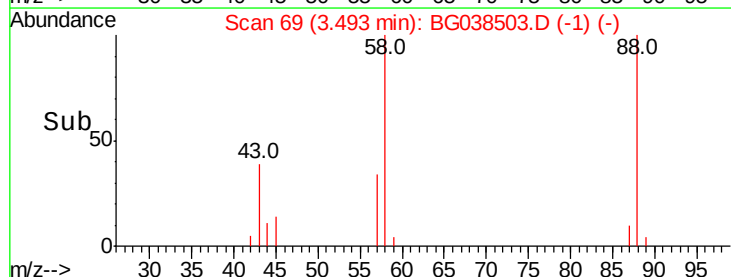
43 40.8 31.6 47.4

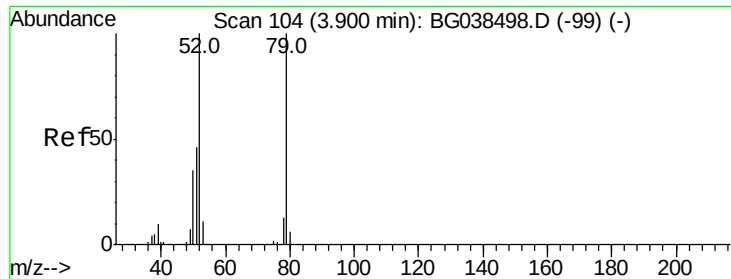


Abundance Ion 88.00 (87.70 to 88.70): BGC

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

ClientSampleId :

ICVBG121218

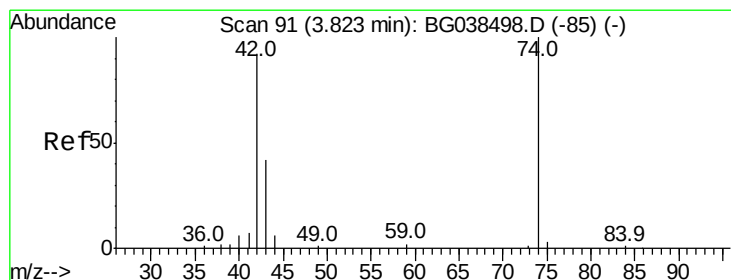
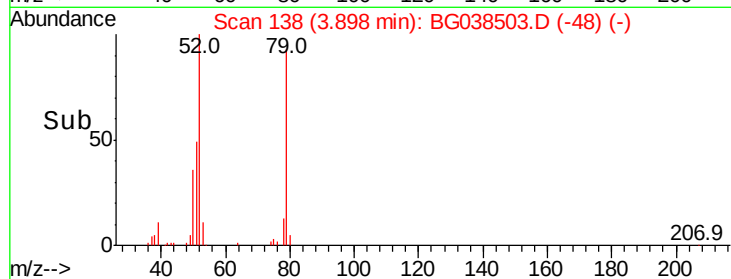
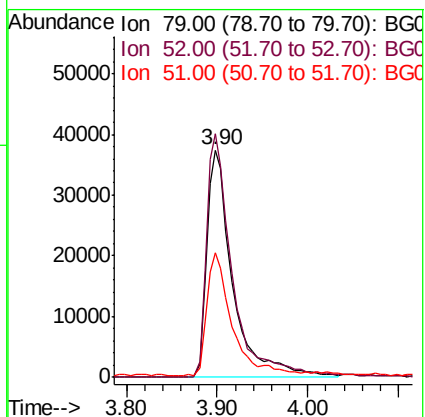
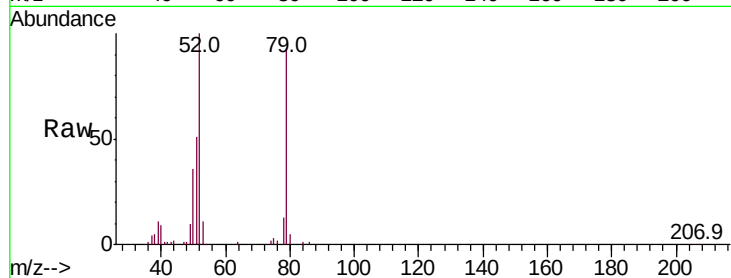
Tot Ion: 79 Resp: 75051

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

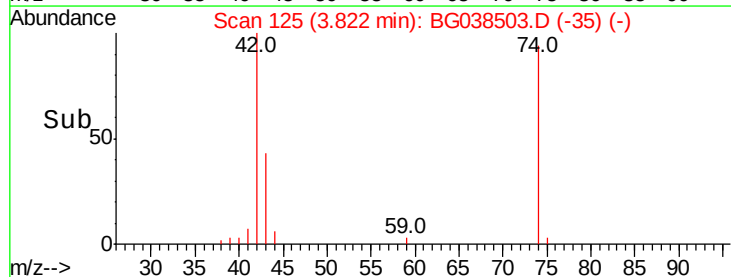
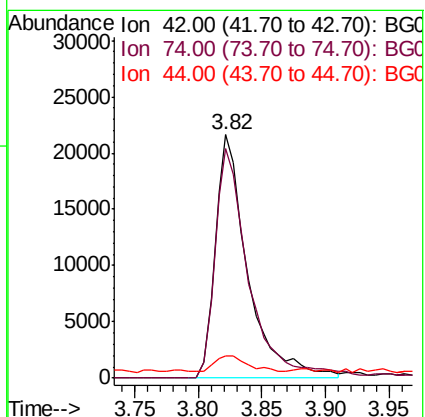
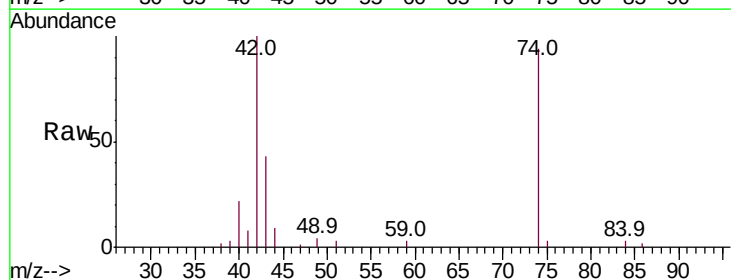
Tgt Ion: 42 Resp: 38376

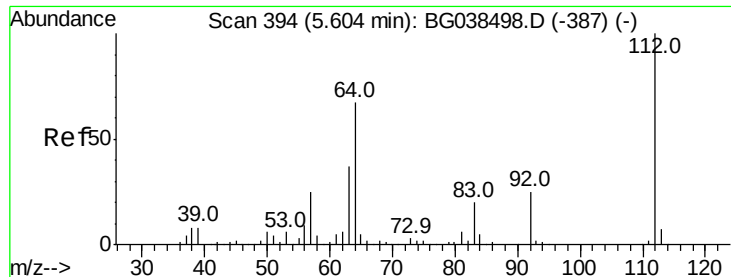
Ion Ratio Lower Upper

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 :

ICVBG121218

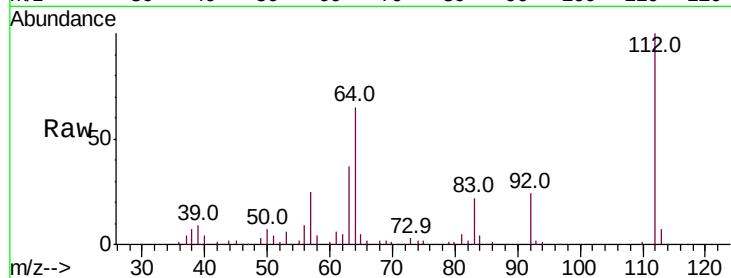
Tot Ion:112 Resp: 119918

Ion Ratio Lower Upper

112 100

64 64.6 53.4 80.2

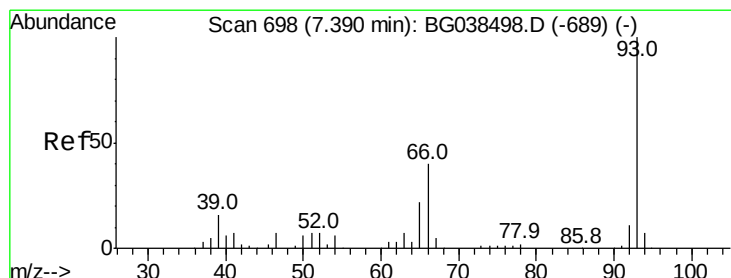
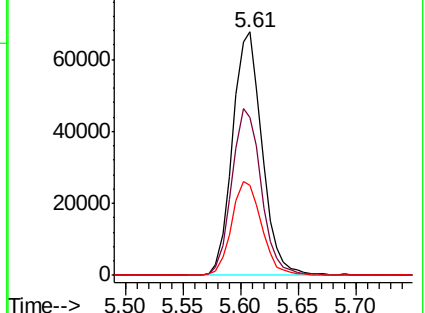
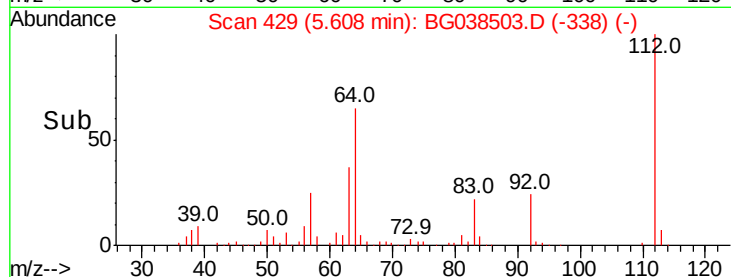
63 37.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 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

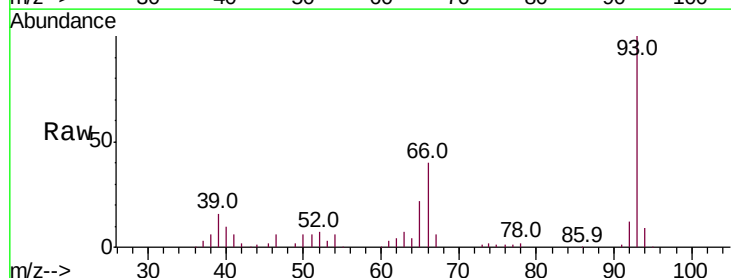
Tgt Ion: 93 Resp: 107276

Ion Ratio Lower Upper

93 100

66 40.3 31.7 47.5

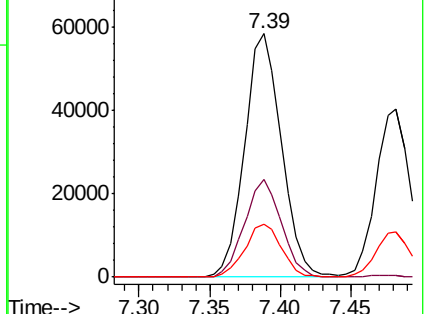
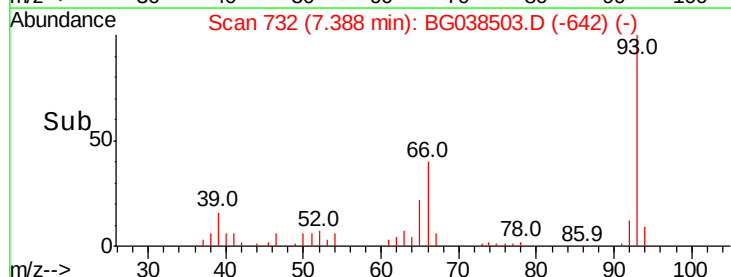
65 21.6 17.8 26.6

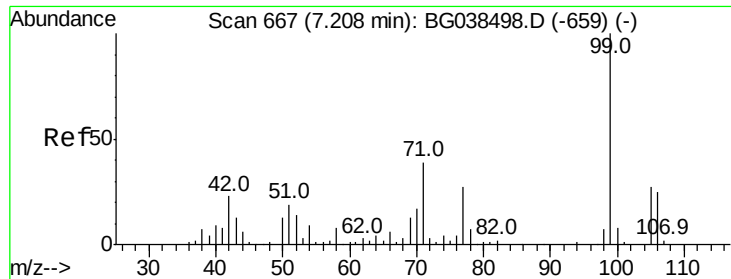


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 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 :

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ClientSampleId :

ICVBG121218

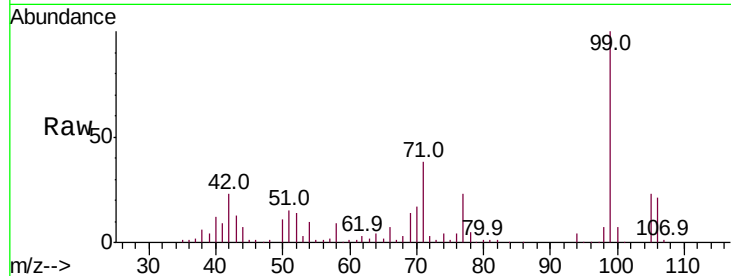
Tot Ion: 99 Resp: 164405

Ion Ratio Lower Upper

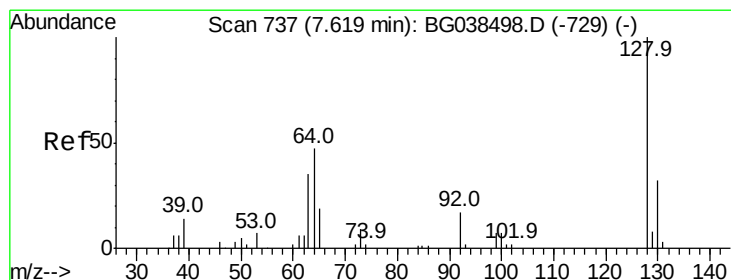
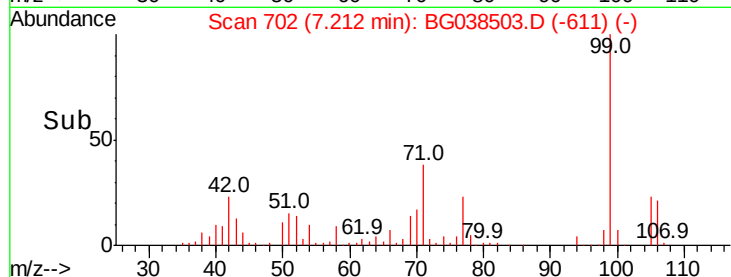
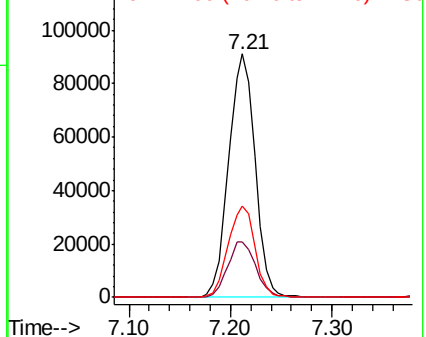
99 100

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

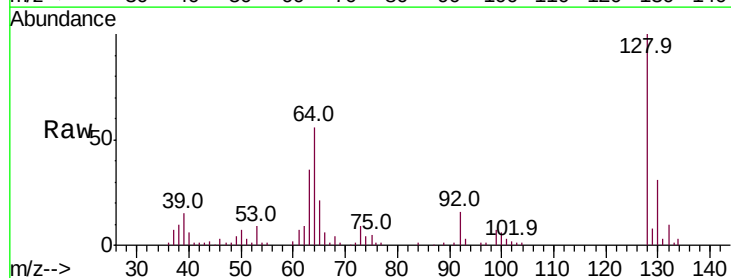
Tgt Ion: 128 Resp: 67019

Ion Ratio Lower Upper

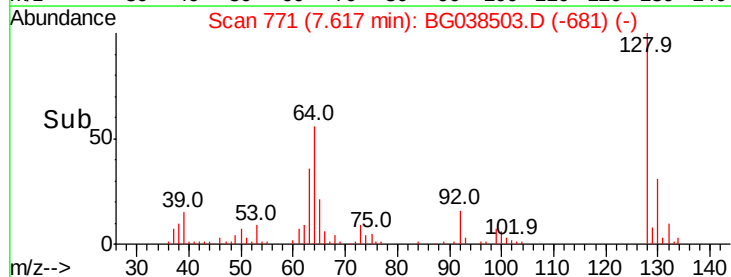
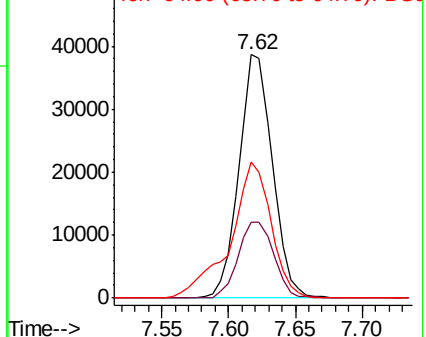
128 100

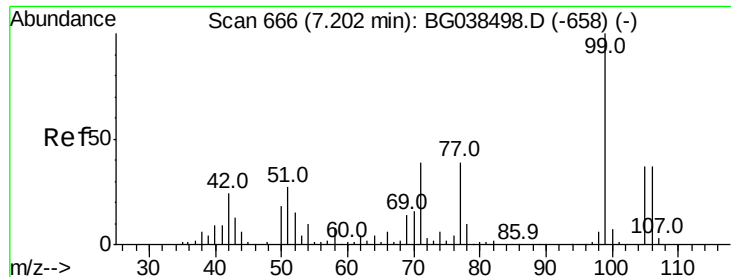
130 31.4 11.8 51.8

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 :

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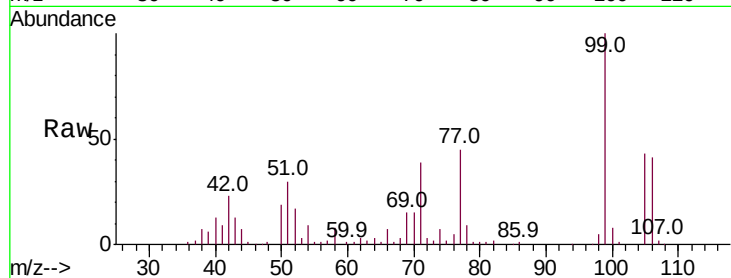
Tot Ion: 77 Resp: 50156

Ion Ratio Lower Upper

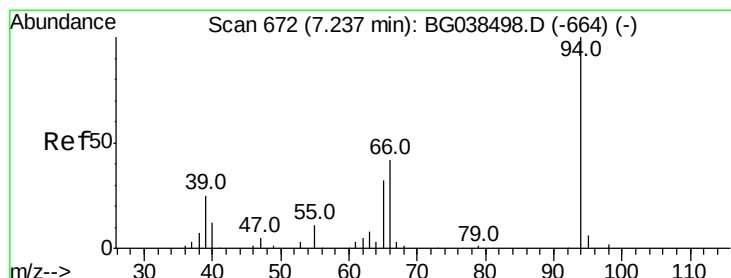
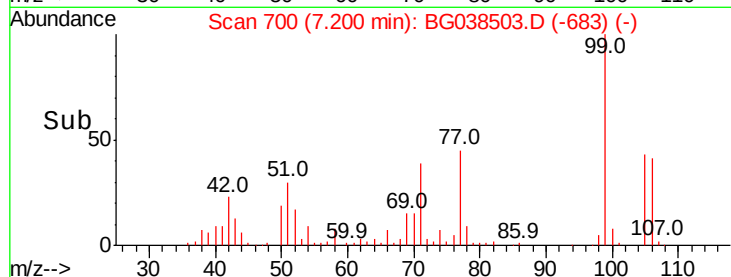
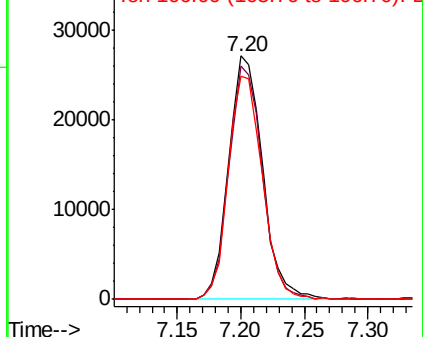
77 100

105 95.9 74.0 114.0

106 91.9 73.9 113.9



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



#10

Phenol

Concen: 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

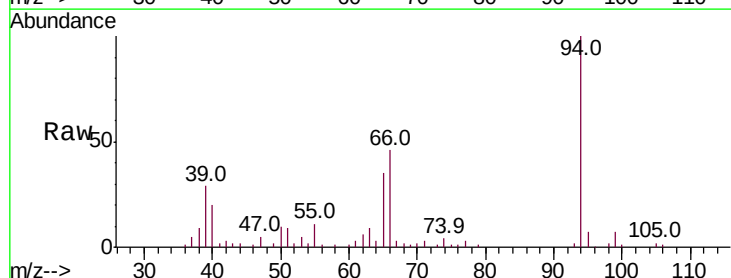
Tgt Ion: 94 Resp: 86702

Ion Ratio Lower Upper

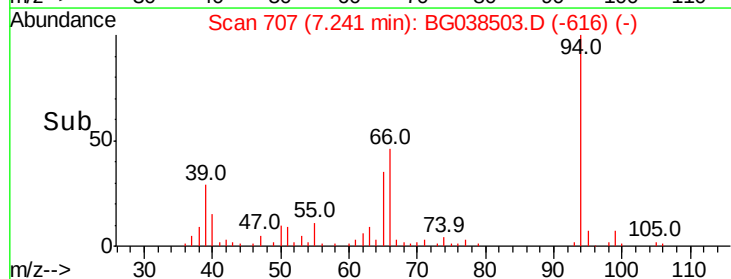
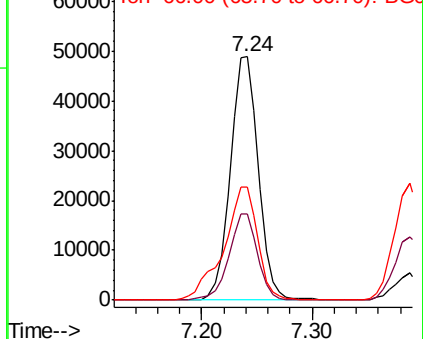
94 100

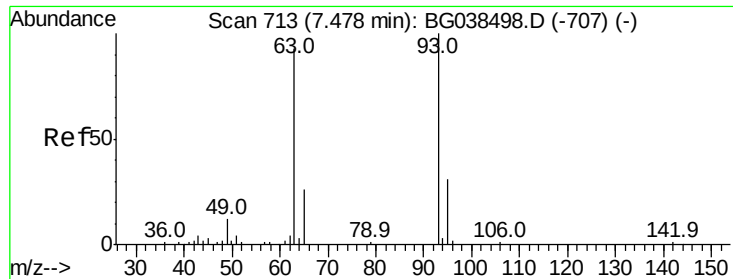
65 35.4 12.6 52.6

66 46.4 24.1 64.1



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

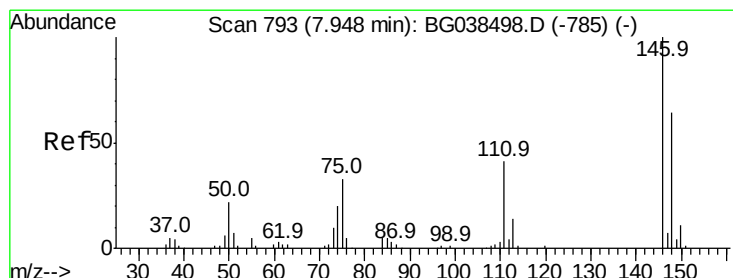
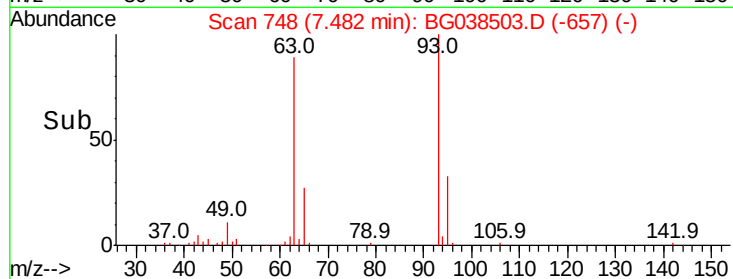
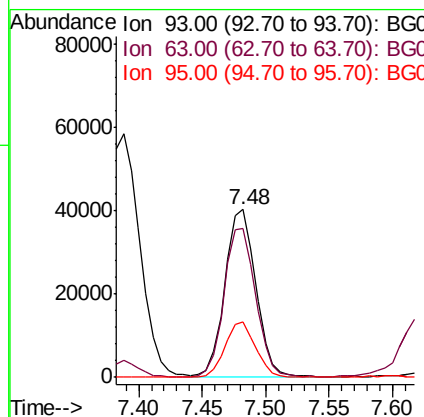
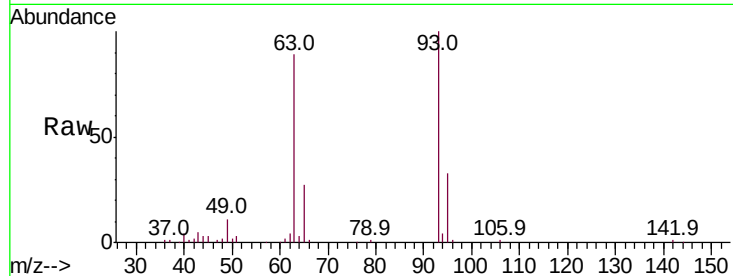




#11
bis(2-Chloroethyl)ether
Concen: 41.747 ng
RT: 7.48 min Scan# 748
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

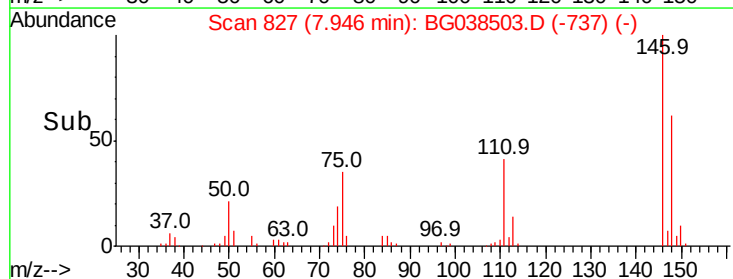
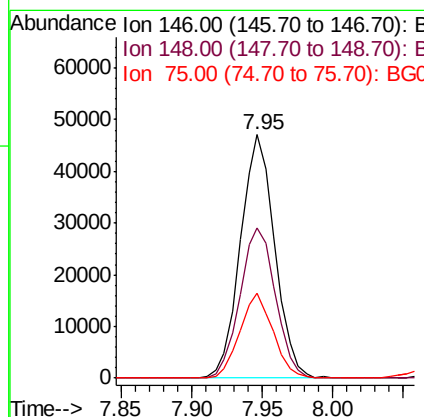
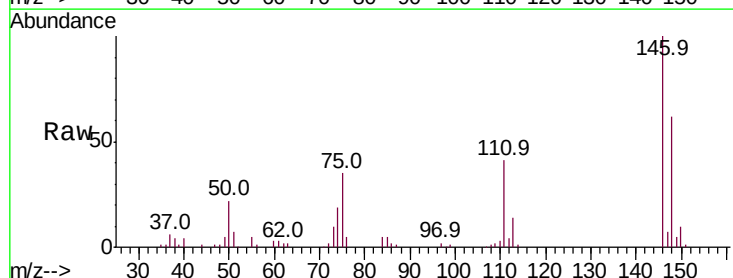
Instrument :
BNA_G
ClientSampleId :
ICVBG121218

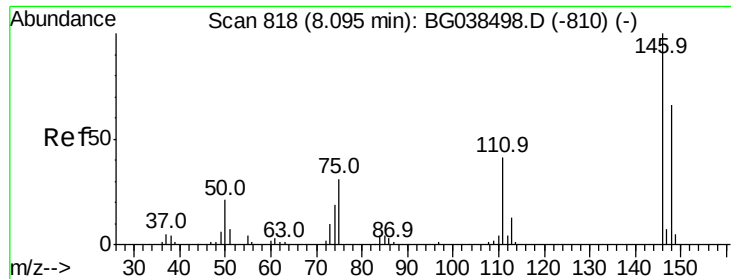
Tot Ion:	93	Resp:	68478
Ion	Ratio	Lower	Upper
93	100		
63	88.7	72.2	112.2
95	33.2	11.2	51.2



#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

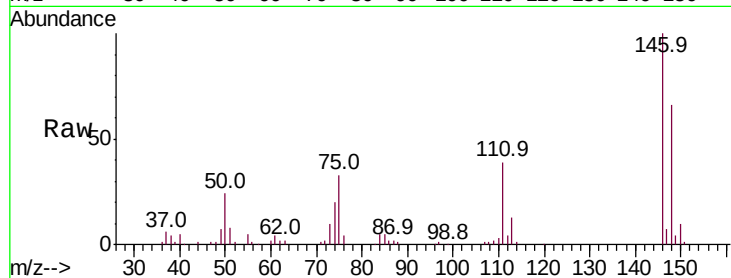




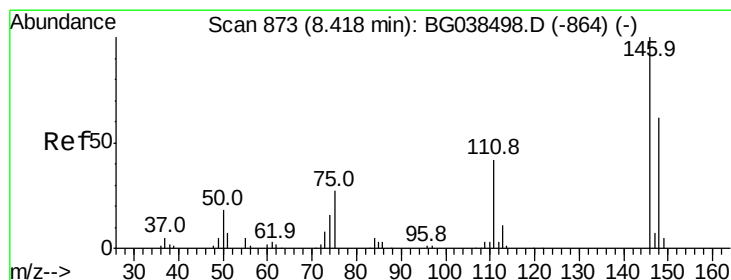
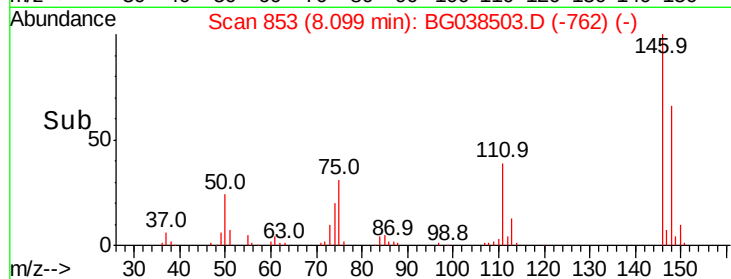
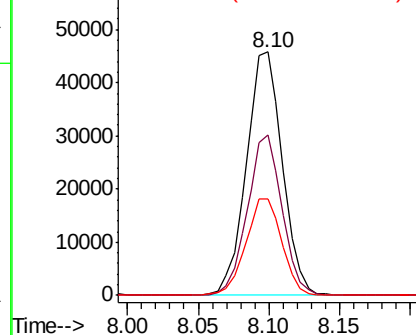
#13
 1,4-Dichlorobenzene
 Concen: 41.233 ng
 RT: 8.10 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

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

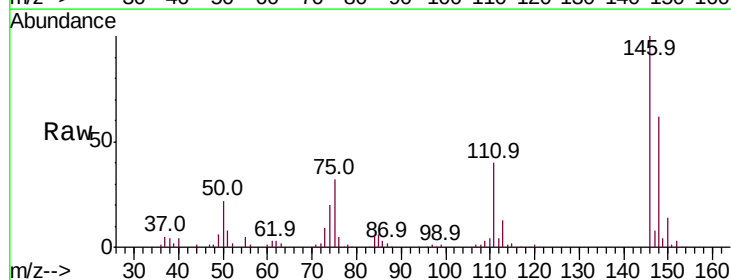


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

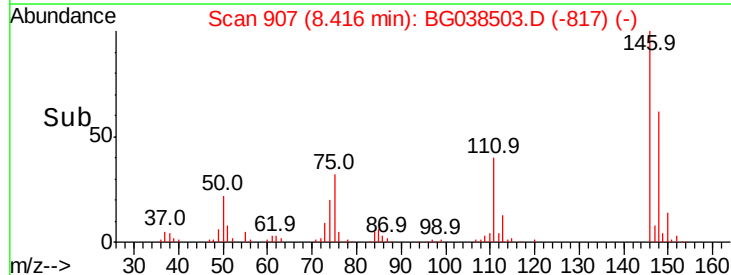
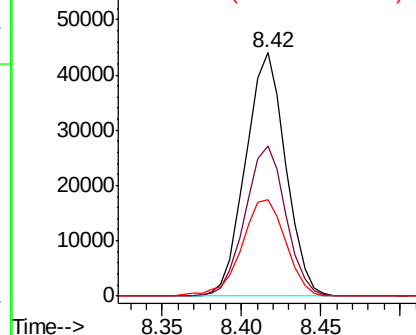


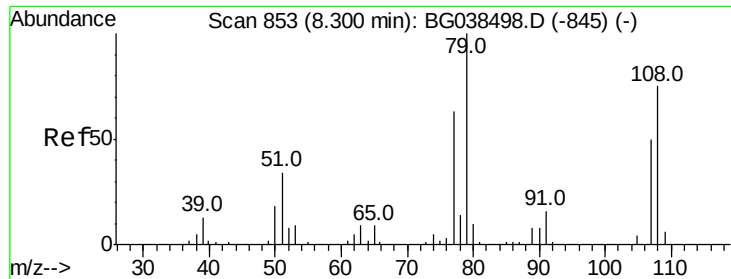
#14
 1,2-Dichlorobenzene
 Concen: 41.291 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

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

ClientSampleId :

ICVBG121218

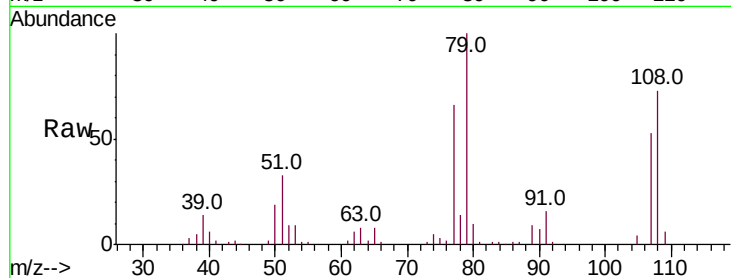
Tot Ion: 79 Resp: 65830

Ion Ratio Lower Upper

79 100

108 73.0 60.2 90.4

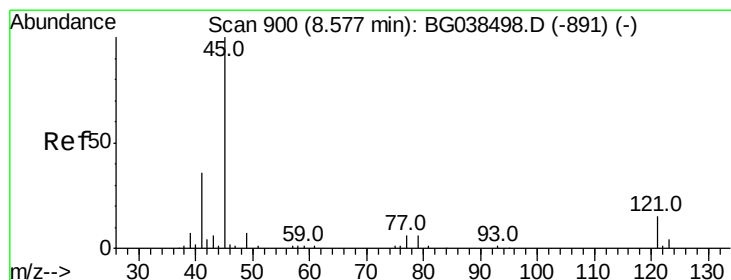
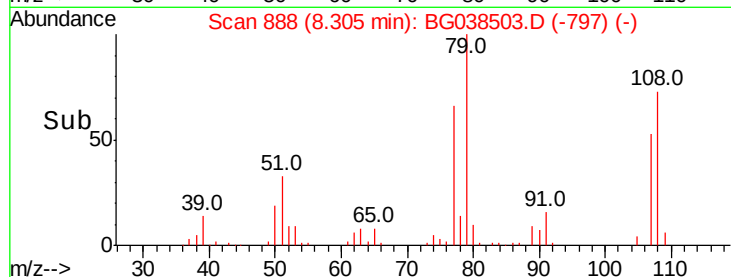
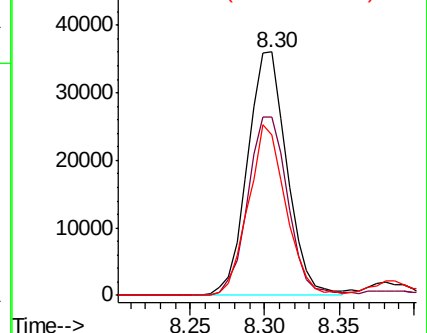
77 66.0 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 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

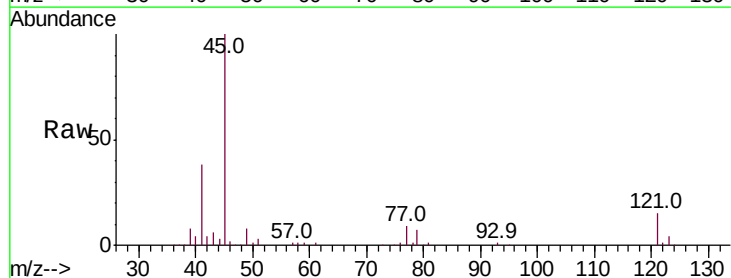
Tgt Ion: 45 Resp: 156496

Ion Ratio Lower Upper

45 100

77 8.5 0.0 28.2

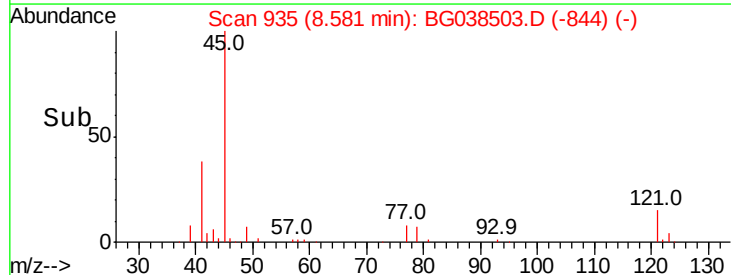
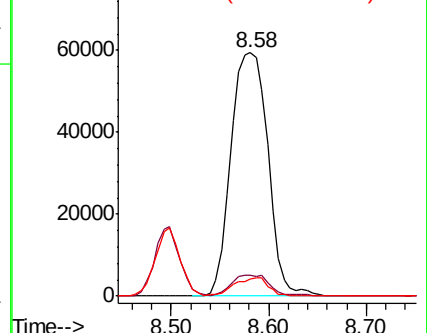
79 7.2 0.0 27.2

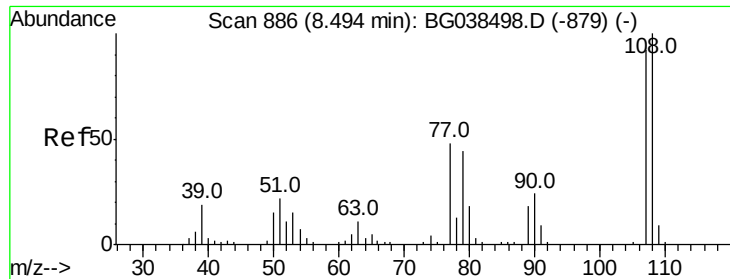


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

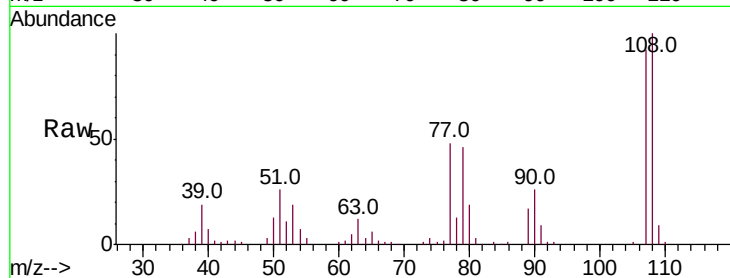




#17
2-Methylphenol
Concen: 42.868 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :
ICVBG121218

Tot 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



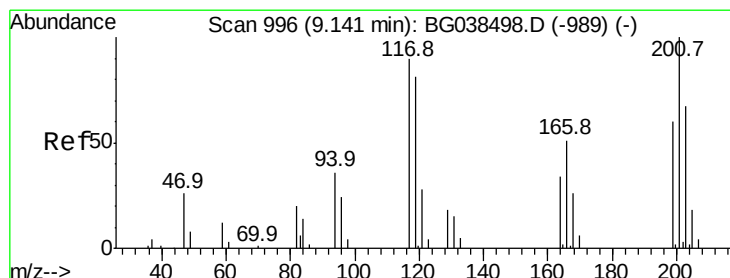
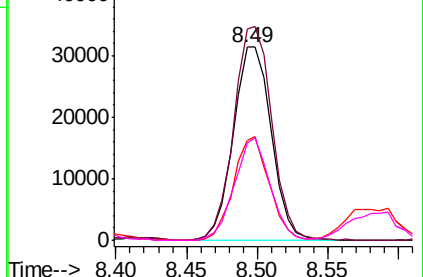
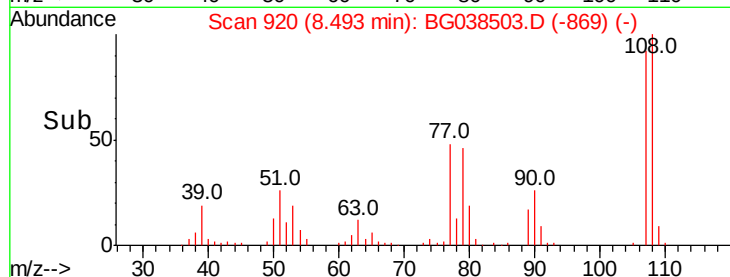
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

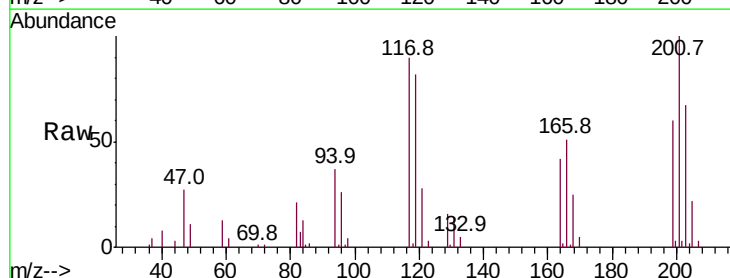
Ion 77.00 (76.70 to 77.70): BG

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	Ratio	Lower	Upper
117	100		
119	91.6	73.8	110.8
201	114.7	89.4	134.0

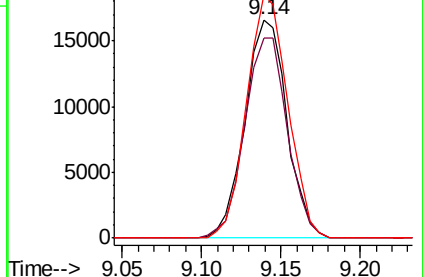
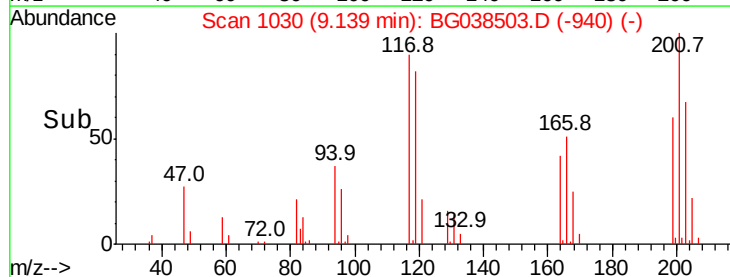


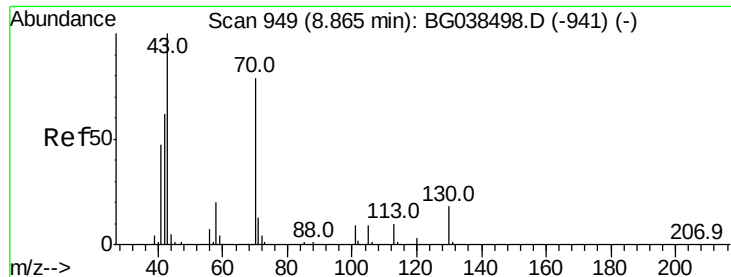
Abundance

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

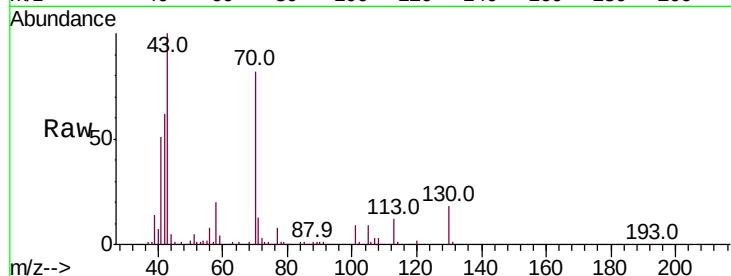




#19
n-Nitroso-di-n-propylamine
Concen: 43.528 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :
ICVBG121218

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



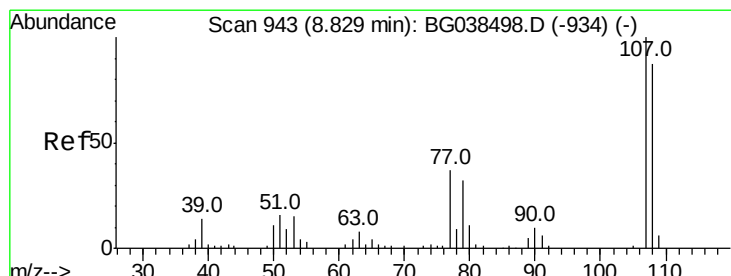
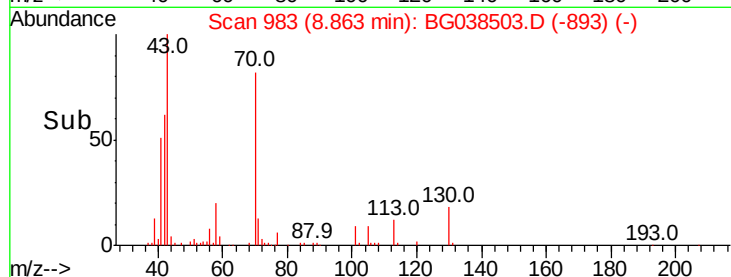
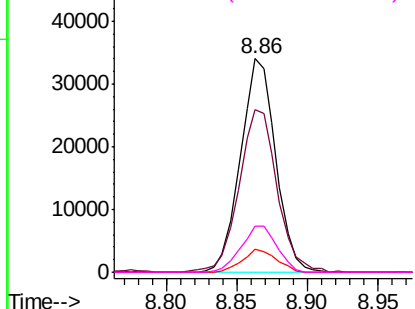
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

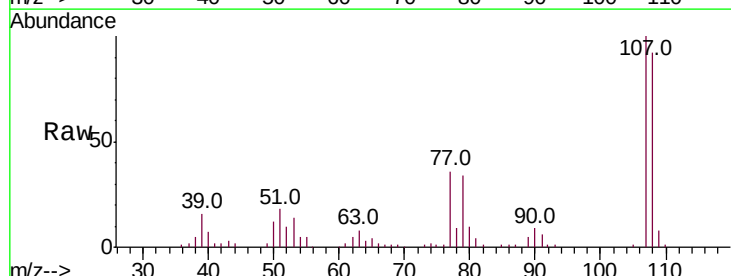
Ion 101.00 (100.70 to 101.70): BGC

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



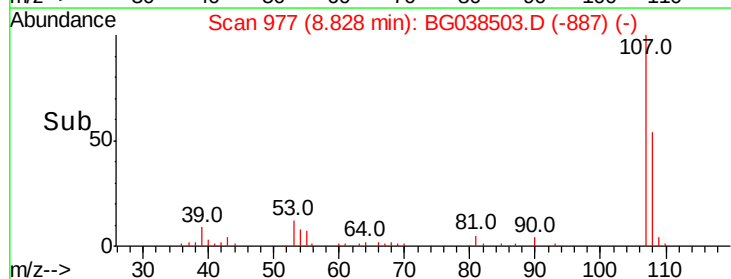
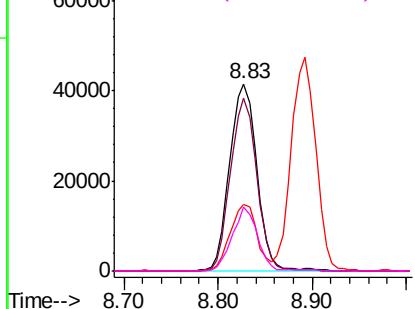
Abundance

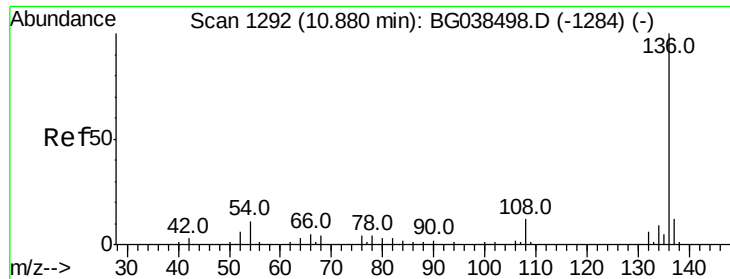
Ion 107.00 (106.70 to 107.70): BGC

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

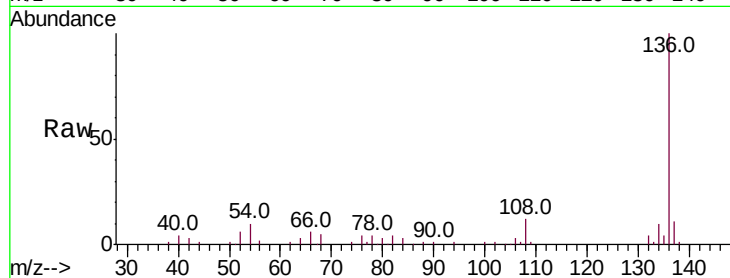




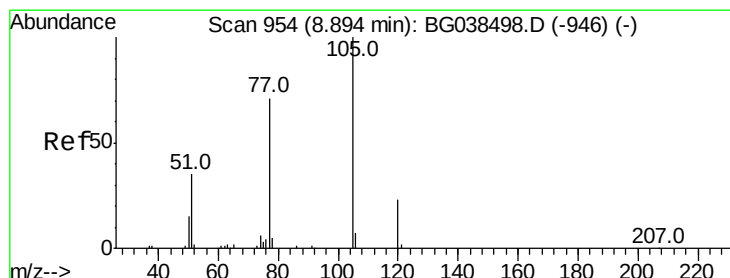
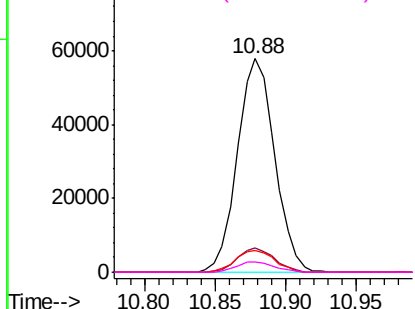
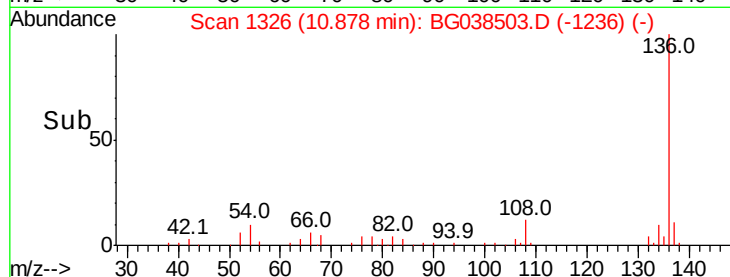
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :
ICVBG121218

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

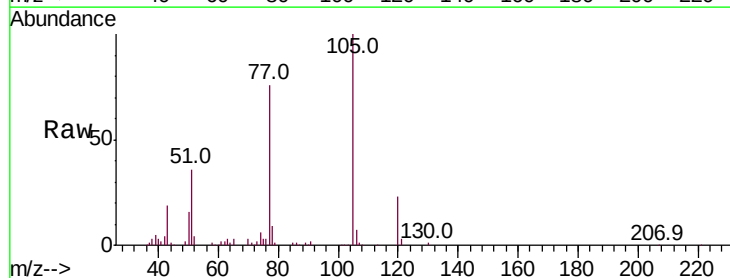


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

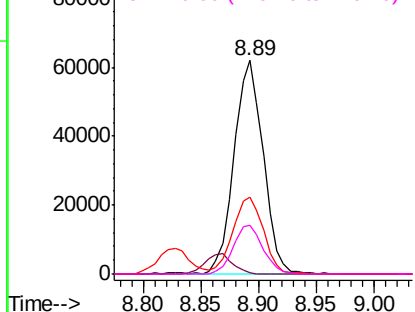
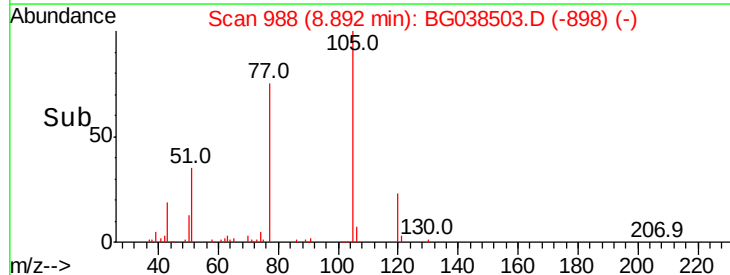


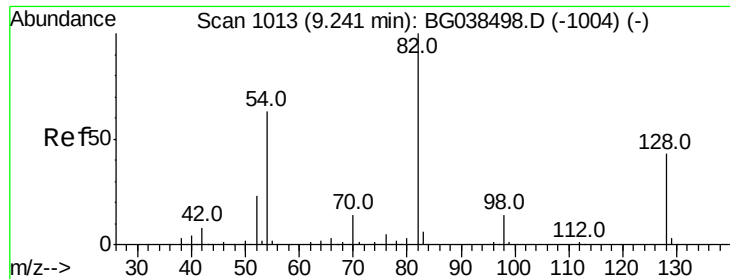
#22
Acetophenone
Concen: 40.739 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

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

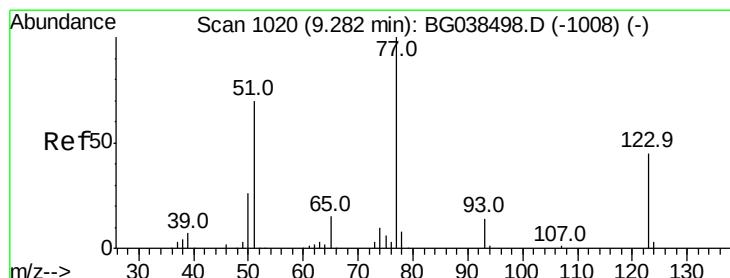
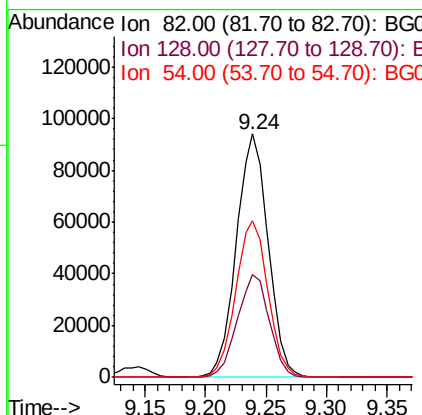
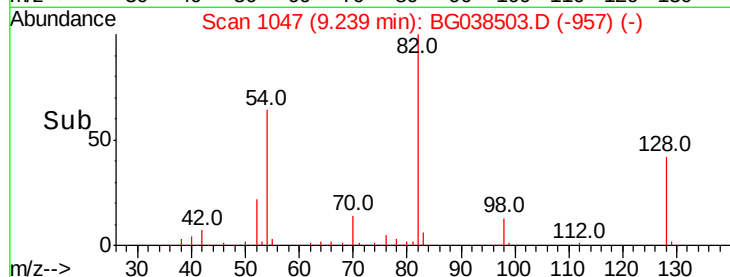
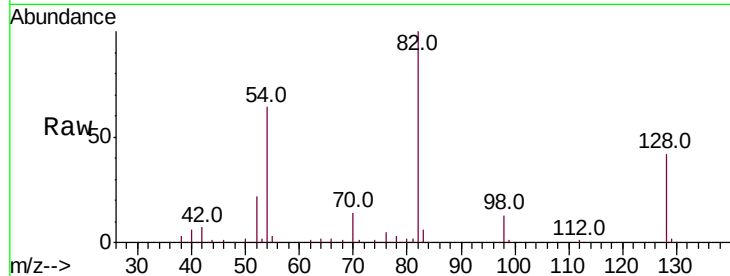




#23
 Nitrobenzene-d5
 Concen: 82.790 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

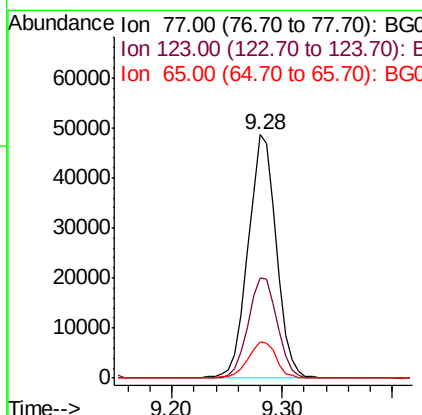
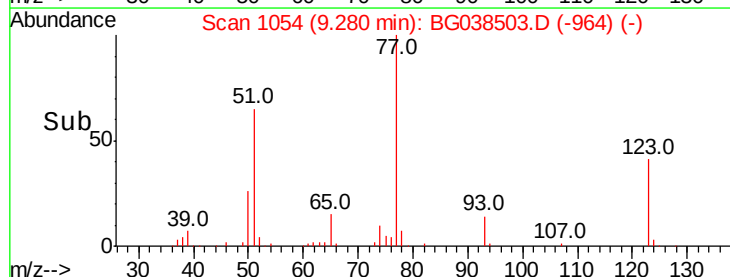
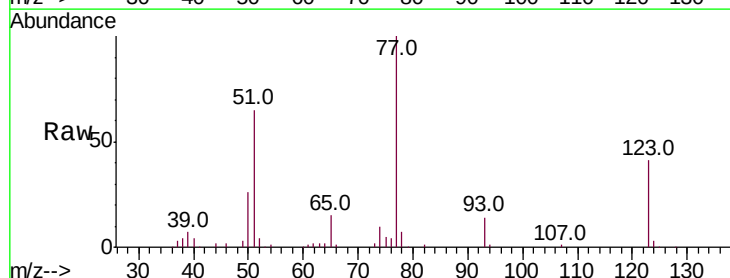
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

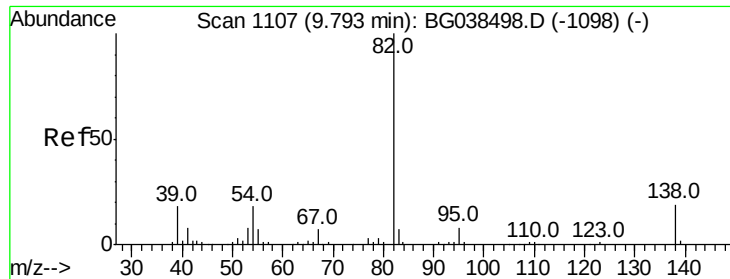
Tot Ion: 82 Resp: 172757
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 64.1 50.6 76.0



#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

ClientSampleId :

ICVBG121218

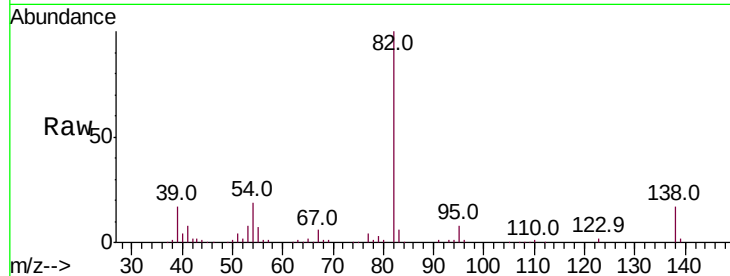
Tot Ion: 82 Resp: 177583

Ion Ratio Lower Upper

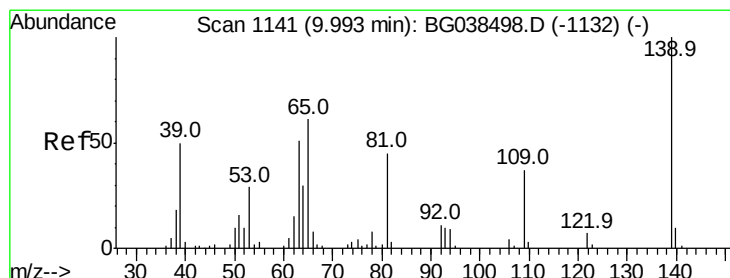
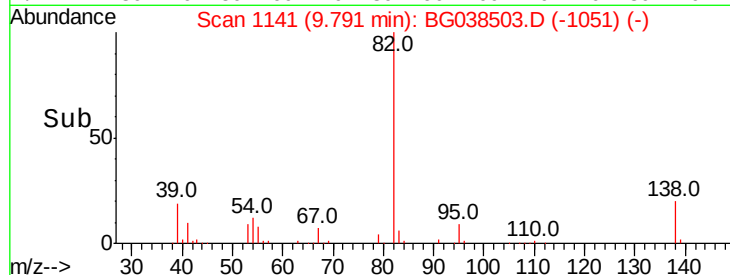
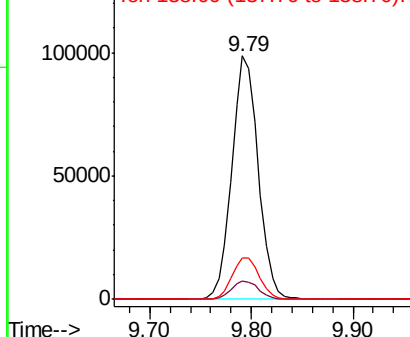
82 100

95 7.5 6.1 9.1

138 17.1 14.9 22.3



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



#26

2-Nitrophenol

Concen: 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

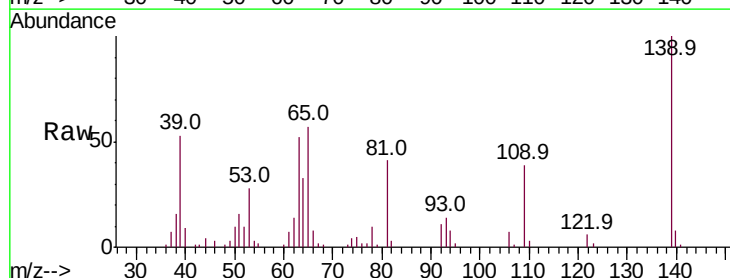
Tgt Ion:139 Resp: 42616

Ion Ratio Lower Upper

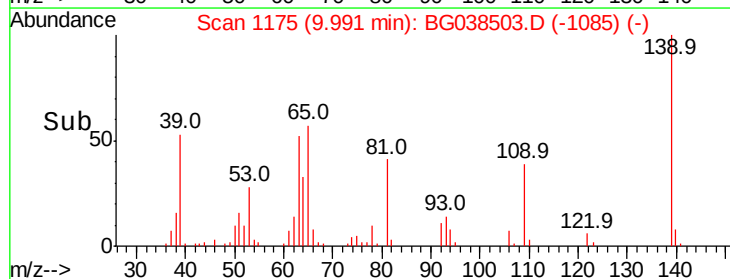
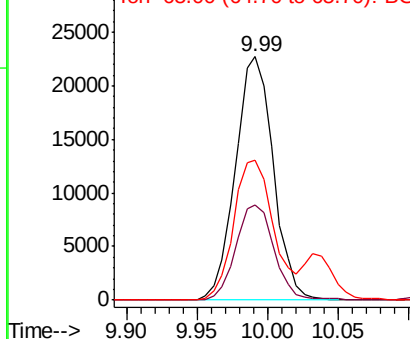
139 100

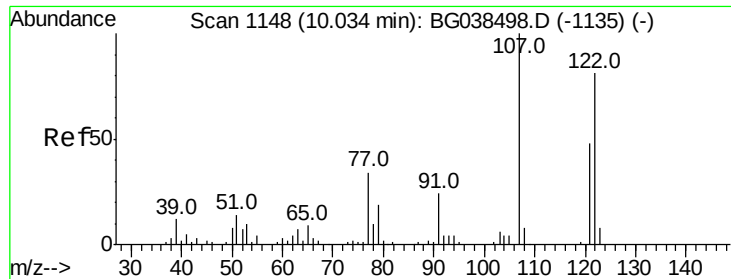
109 39.0 29.5 44.3

65 57.4 48.5 72.7



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

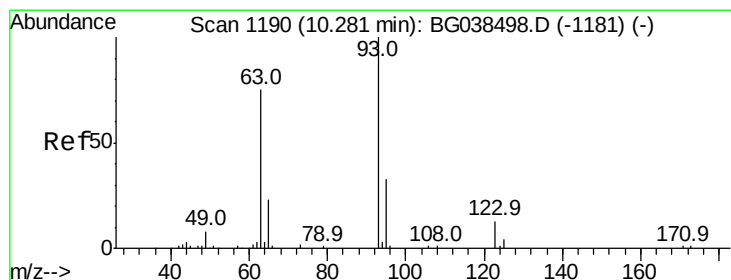
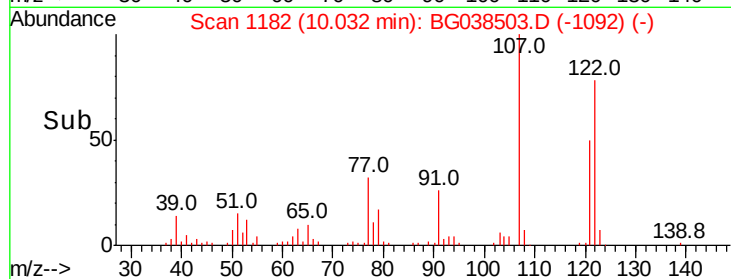
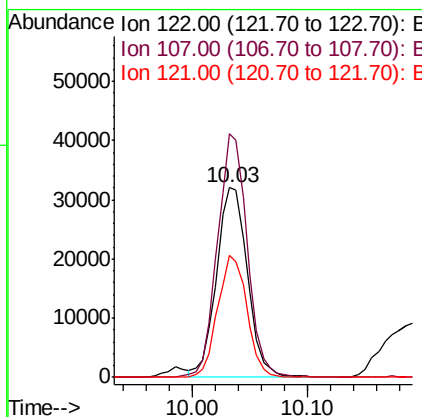
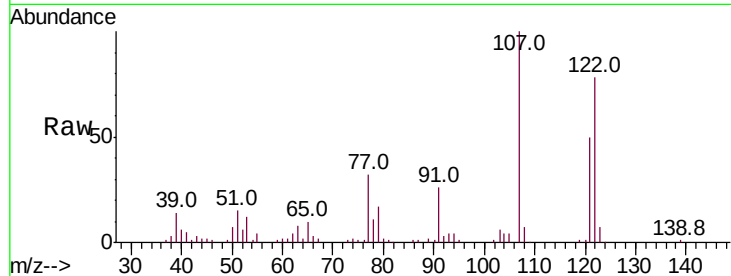




#27
 2,4-Dimethylphenol
 Concen: 38.440 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

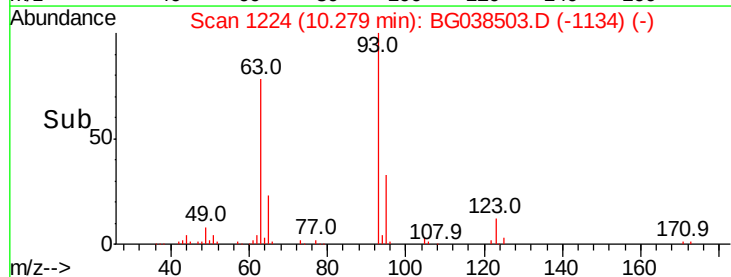
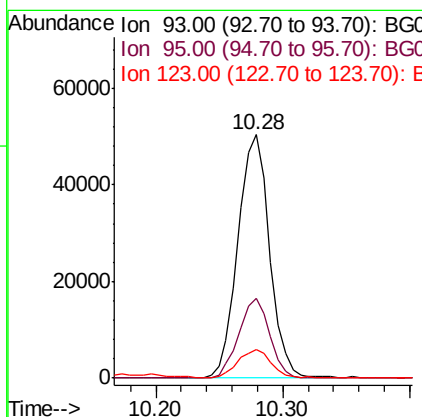
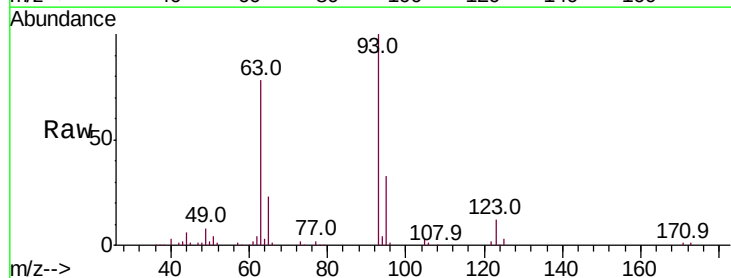
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

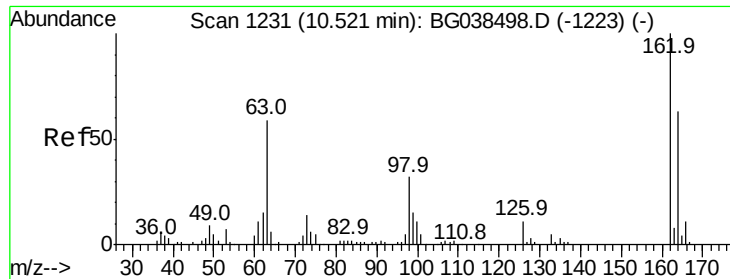
Tot Ion:122 Resp: 59521
 Ion Ratio Lower Upper
 122 100
 107 128.6 98.4 147.6
 121 64.7 47.2 70.8



#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

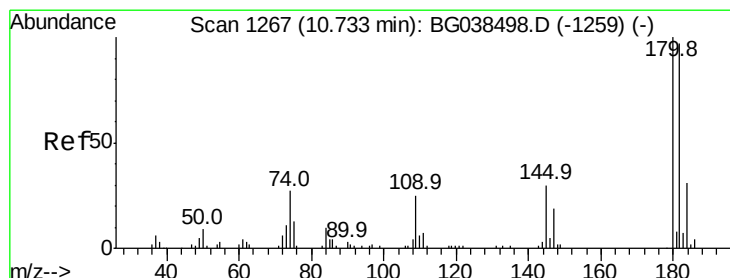
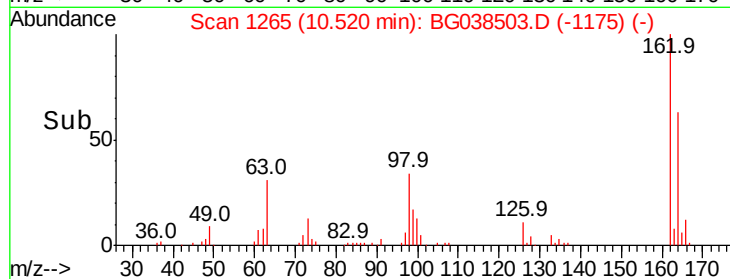
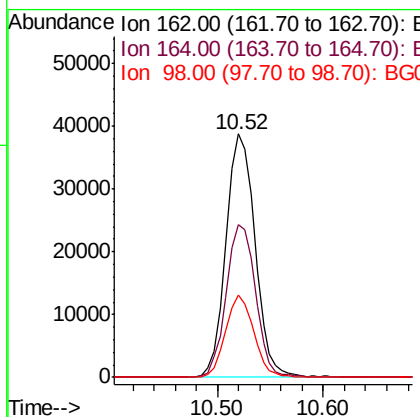
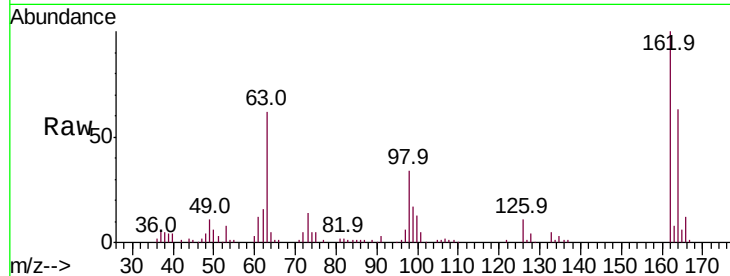




#29
 2,4-Dichlorophenol
 Concen: 42.832 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

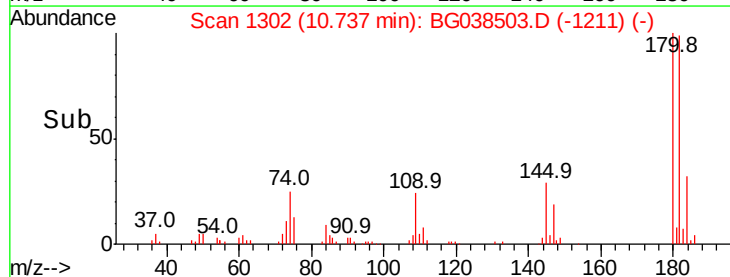
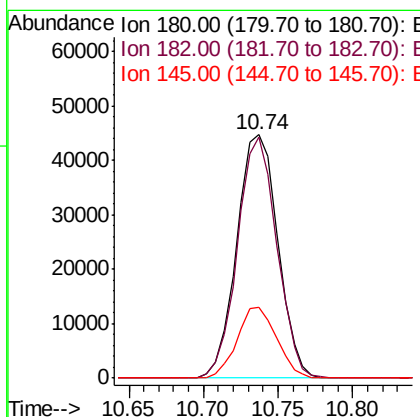
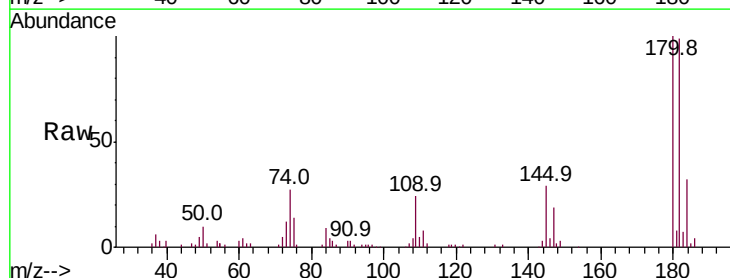
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

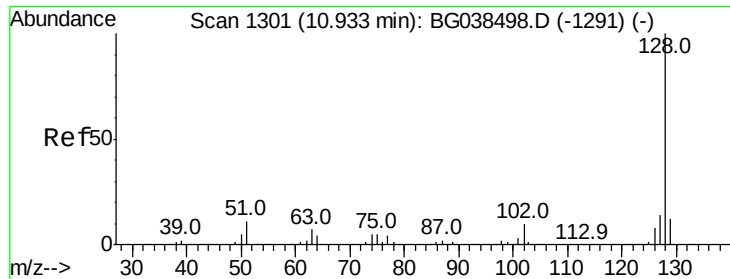
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.9	82.9
98	33.6	12.1	52.1



#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	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 :

ICVBG121218

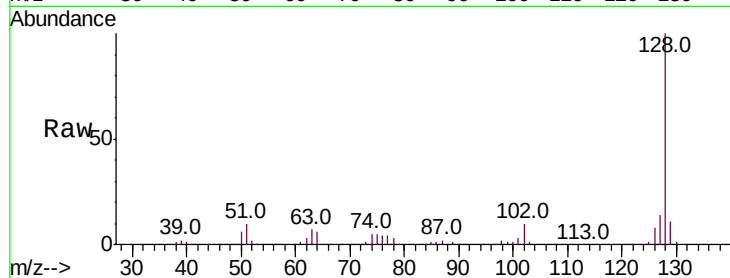
Tot Ion:128 Resp: 210229

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

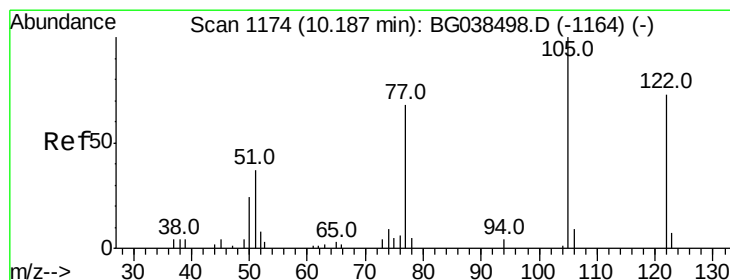
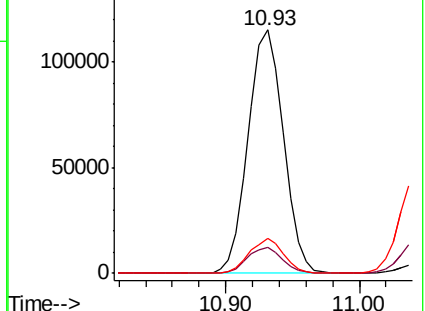
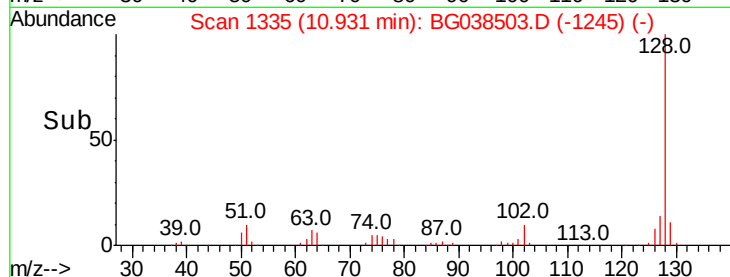
127 14.4 10.9 16.3



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

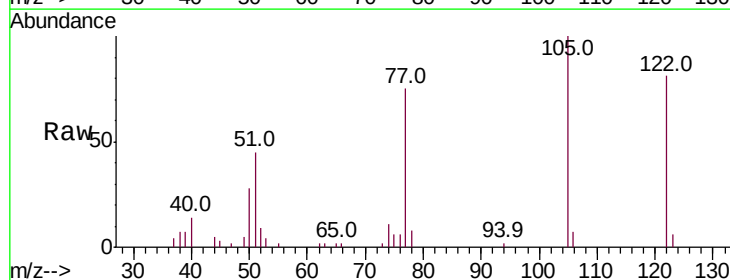
Tgt Ion:122 Resp: 34932

Ion Ratio Lower Upper

122 100

105 124.1 116.7 156.7

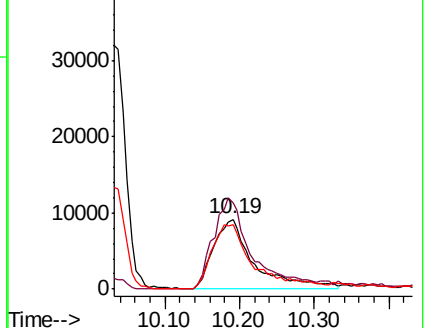
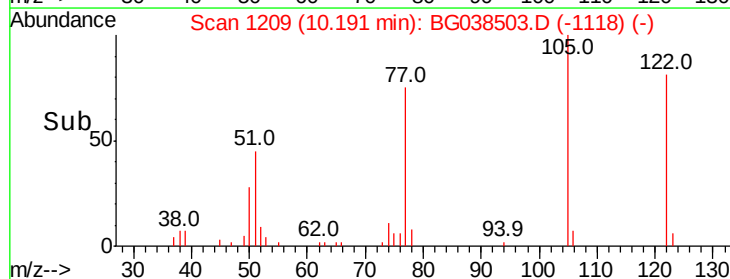
77 92.6 72.5 112.5

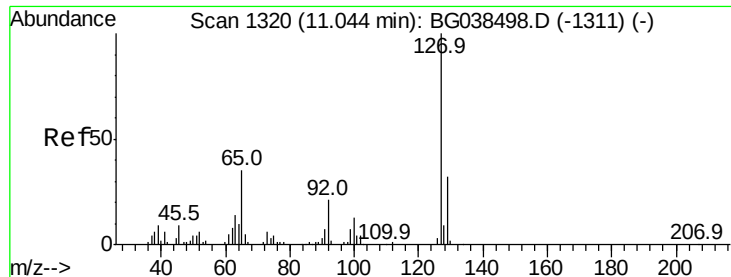


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

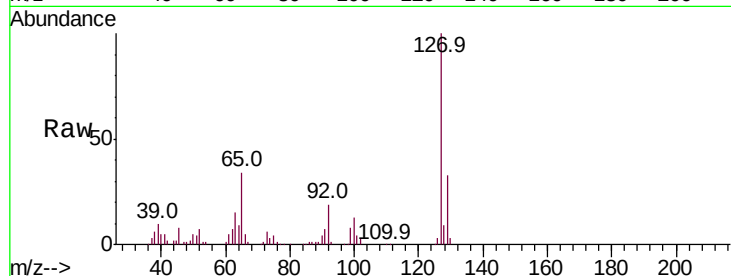




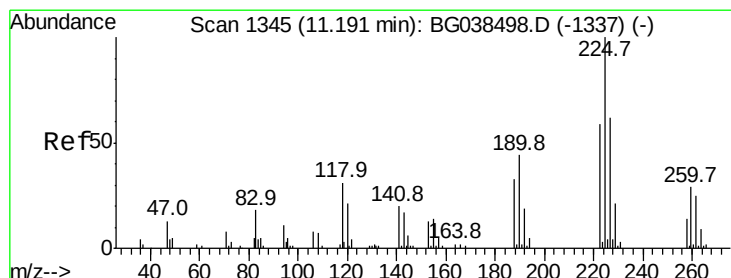
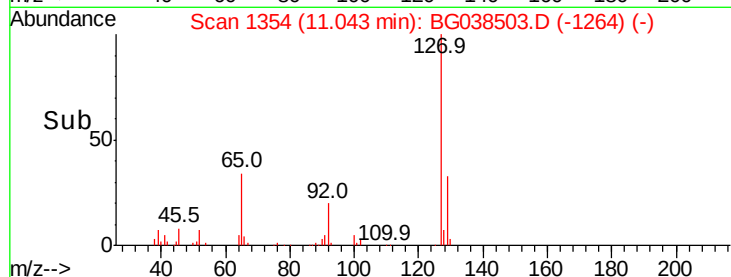
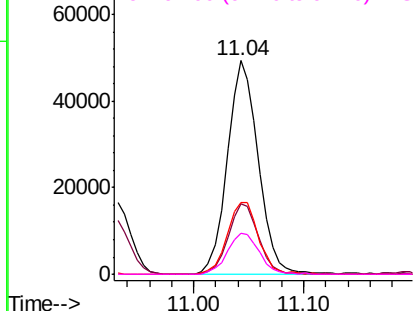
#33
4-Chloroaniline
Concen: 42.399 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :
ICVBG121218

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

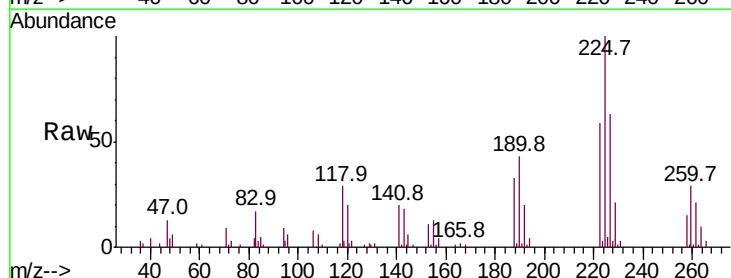


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

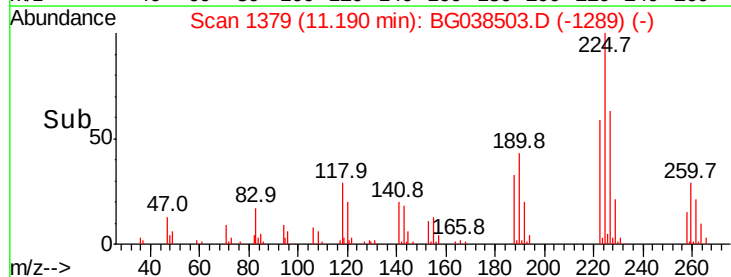
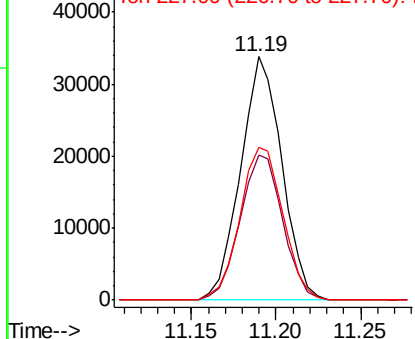


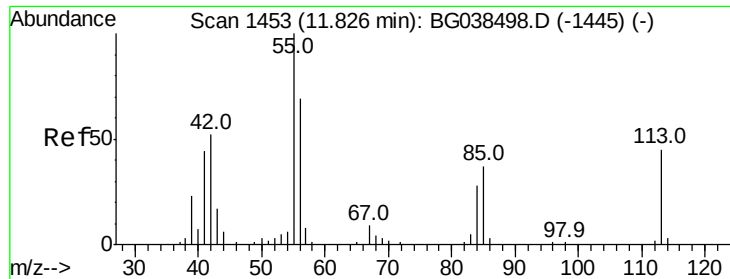
#34
Hexachlorobutadiene
Concen: 40.812 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

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 :

ICVBG121218

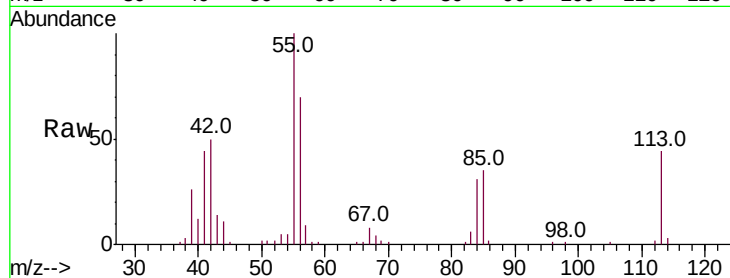
Tot Ion:113 Resp: 29424

Ion Ratio Lower Upper

113 100

55 228.6 204.3 244.3

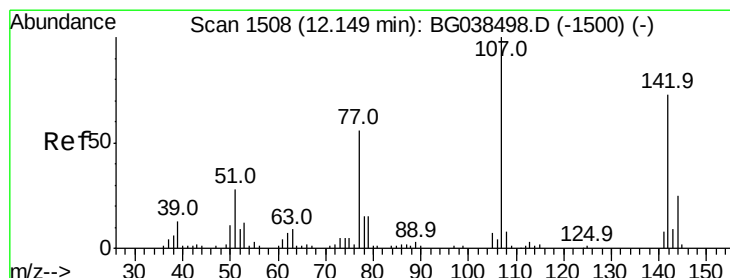
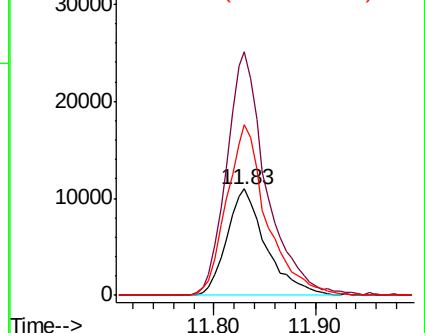
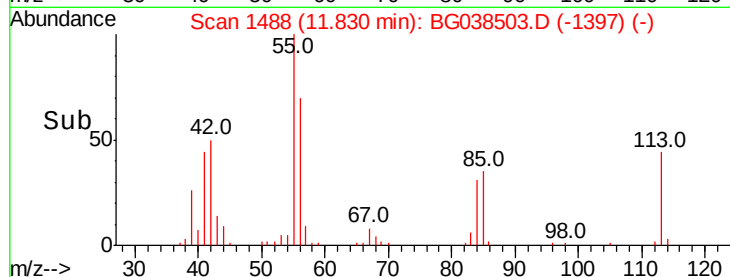
56 159.9 135.0 175.0



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

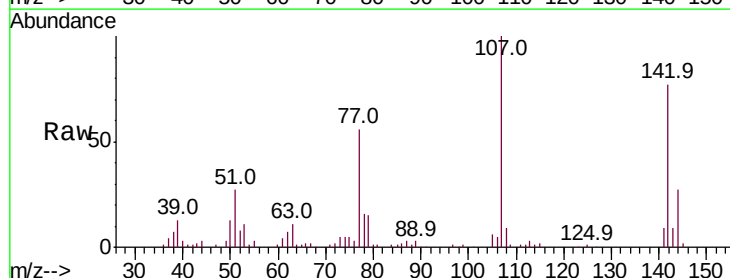
Tgt Ion:107 Resp: 80627

Ion Ratio Lower Upper

107 100

144 27.1 20.1 30.1

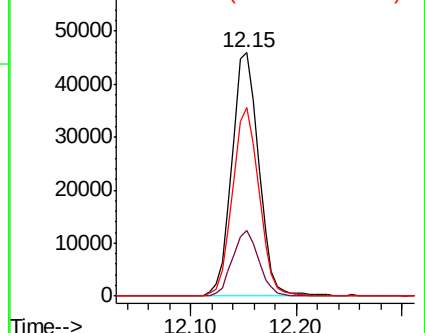
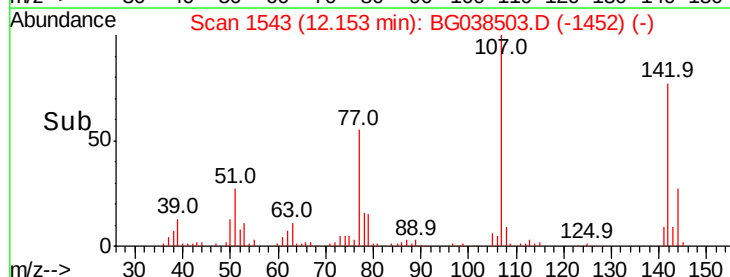
142 77.5 58.7 88.1

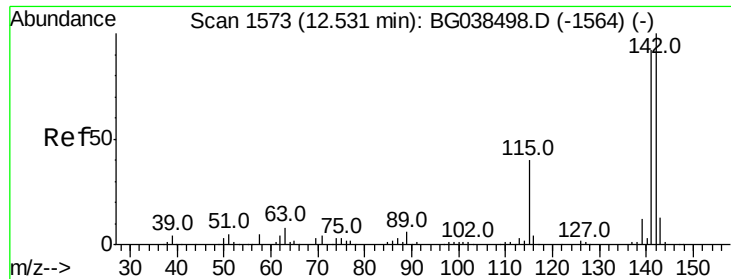


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

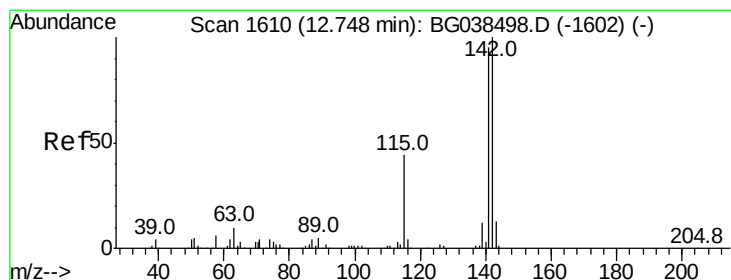
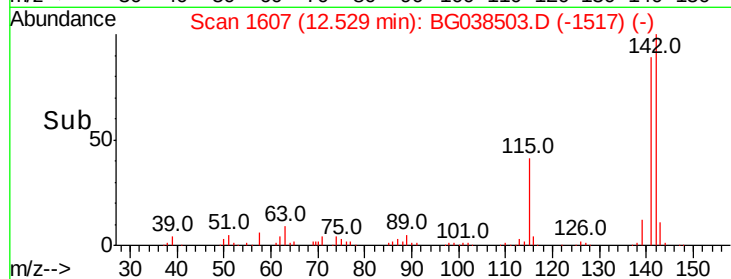
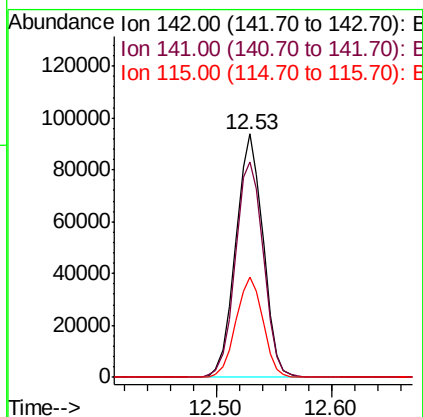
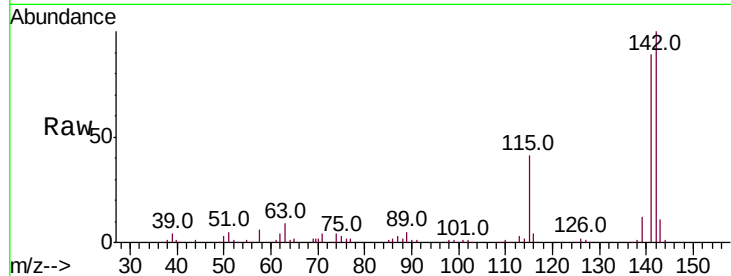




#37
2-Methylnaphthalene
Concen: 40.965 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

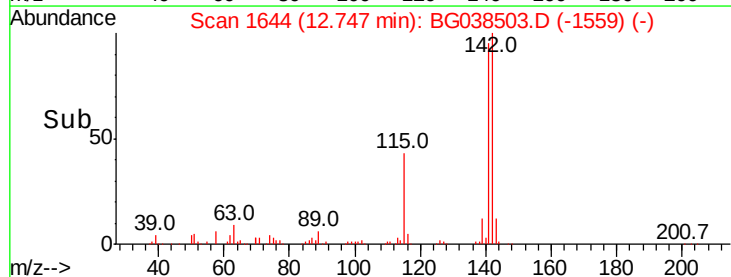
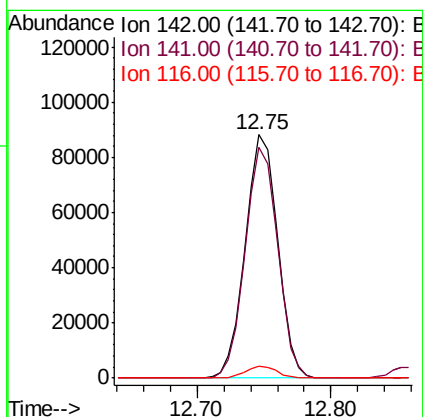
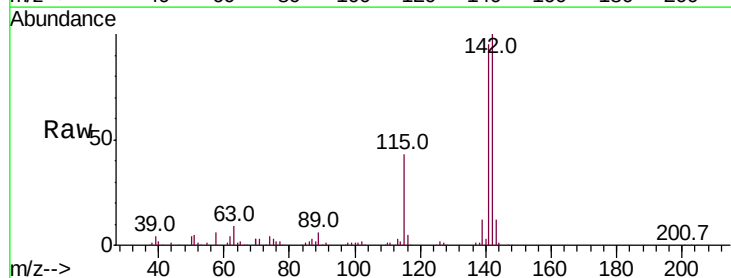
Instrument :
BNA_G
ClientSampleId :
ICVBG121218

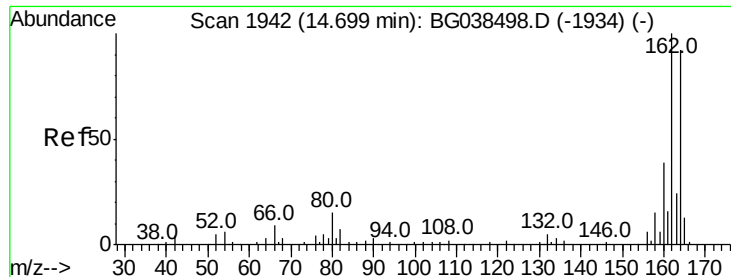
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	73.5	110.3
115	41.0	31.7	47.5



#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	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 :

ICVBG121218

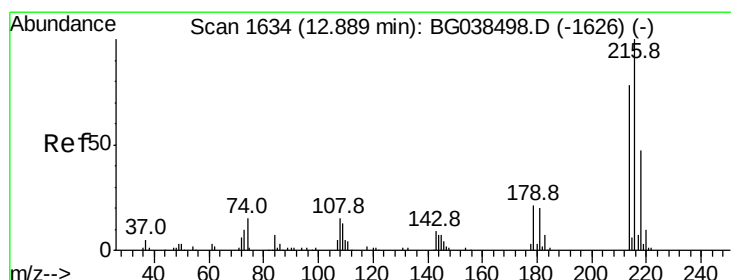
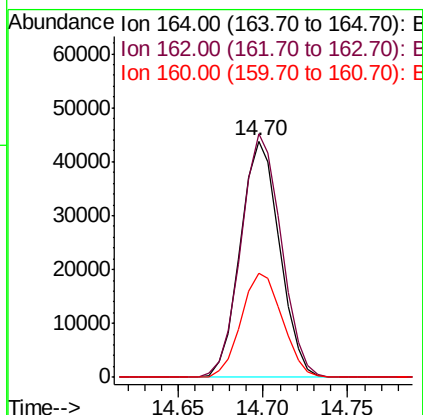
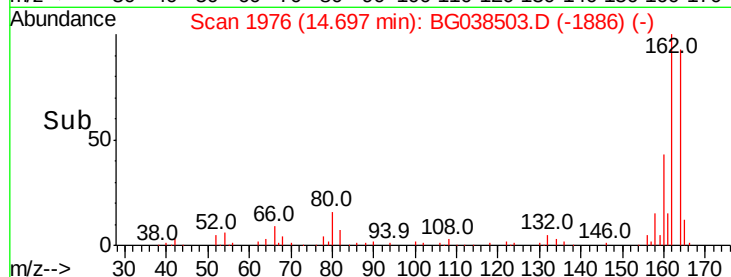
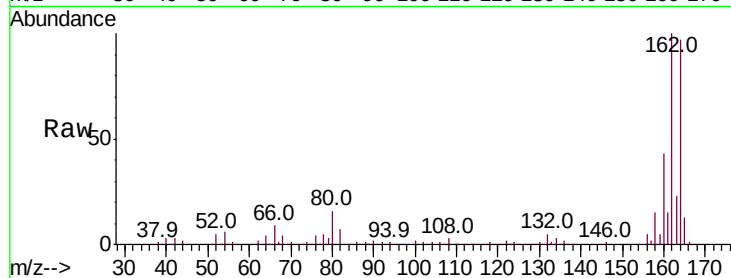
Tot Ion:164 Resp: 70862

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

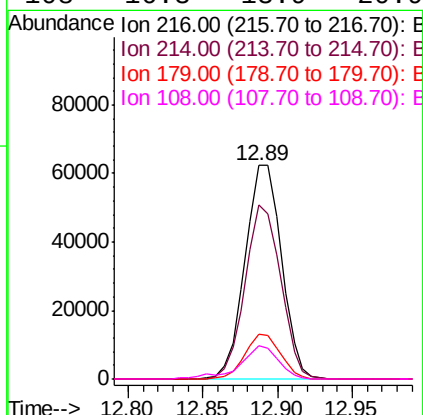
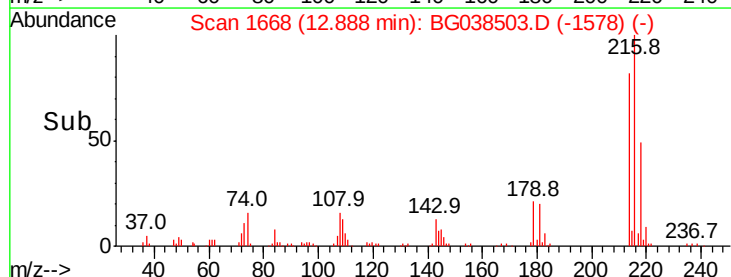
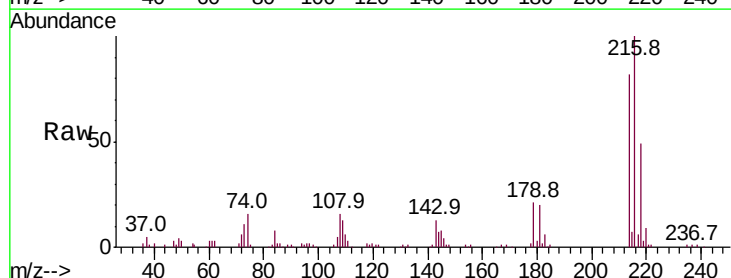
Ion Ratio Lower Upper

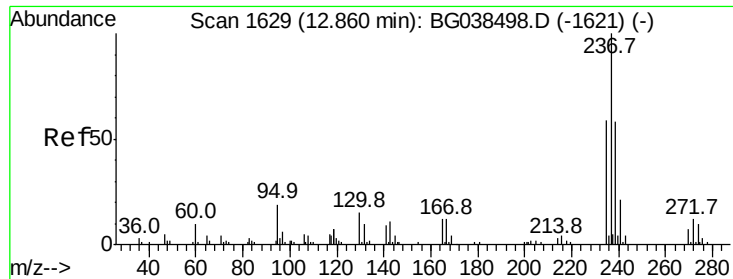
216 100

214 79.6 64.1 96.1

179 20.4 16.4 24.6

108 16.3 13.9 20.9

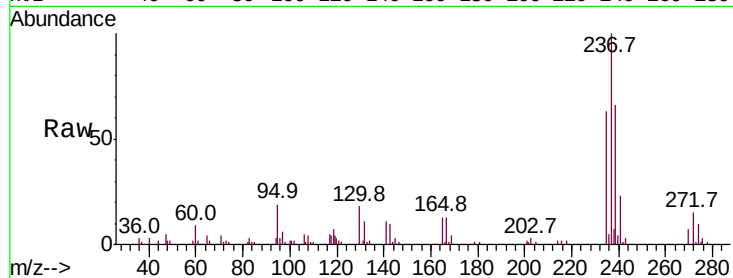




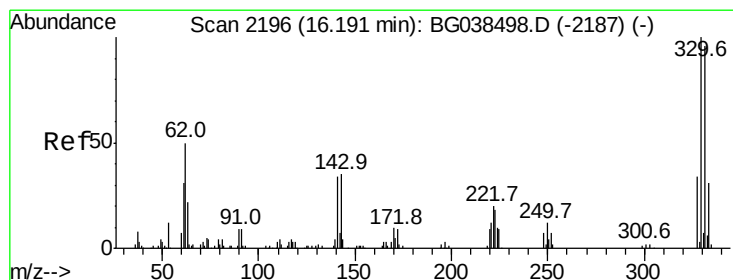
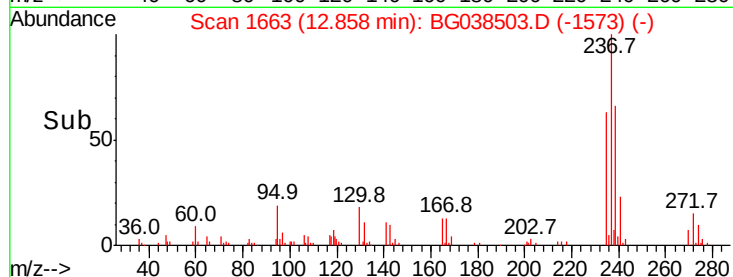
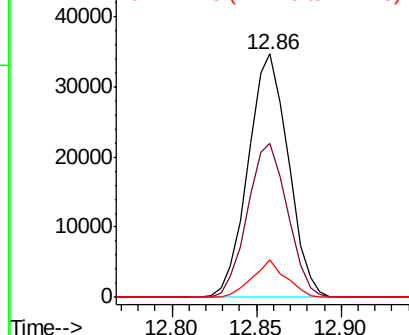
#41
Hexachlorocyclopentadiene
Concen: 39.271 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :
ICVBG121218

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

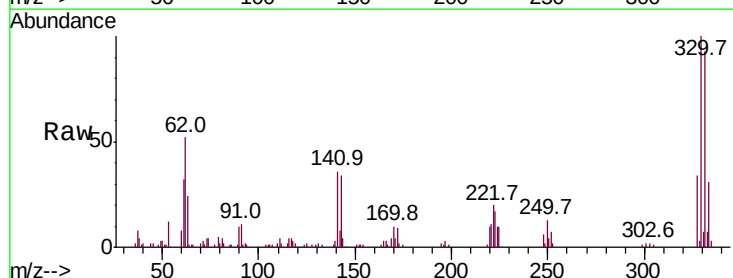


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

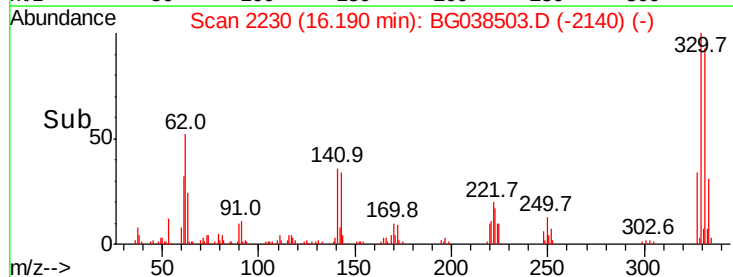
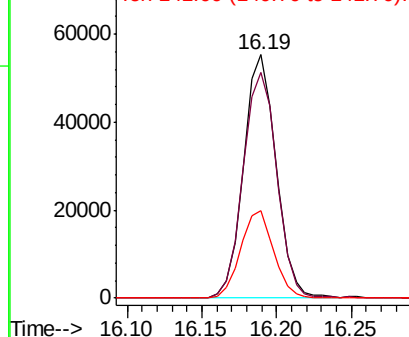


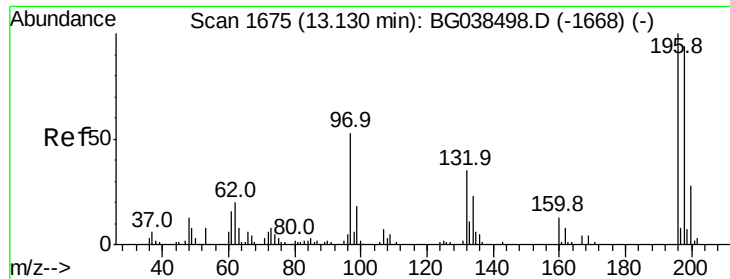
#42
2,4,6-Tribromophenol
Concen: 85.410 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

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

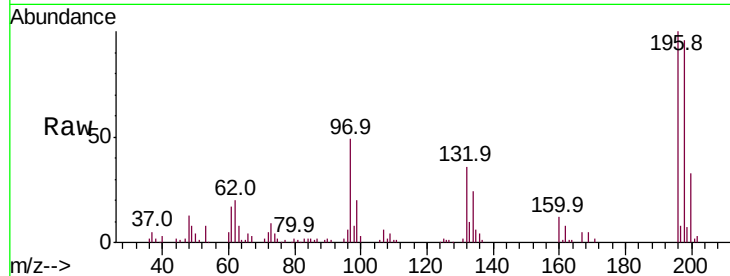




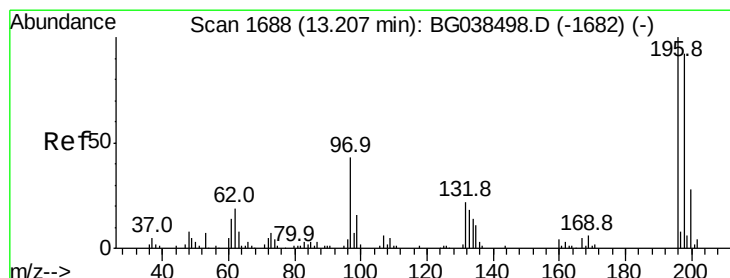
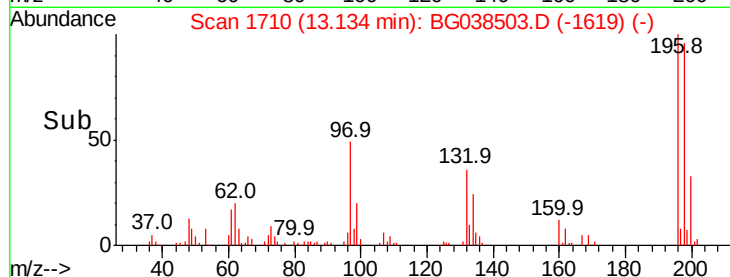
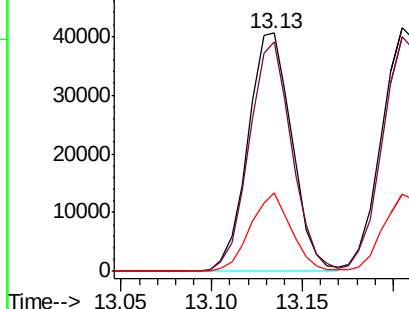
#43
 2,4,6-Trichlorophenol
 Concen: 41.901 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

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

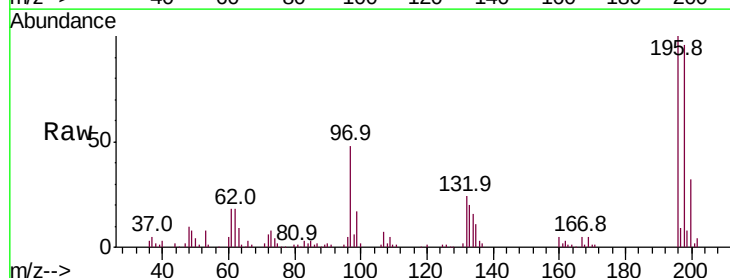


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

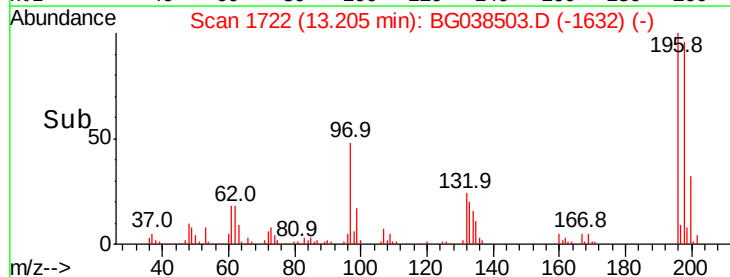
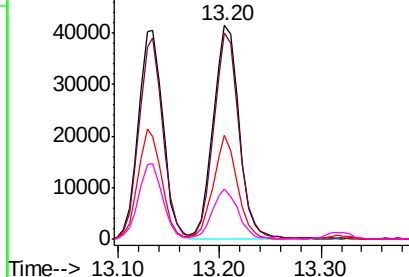


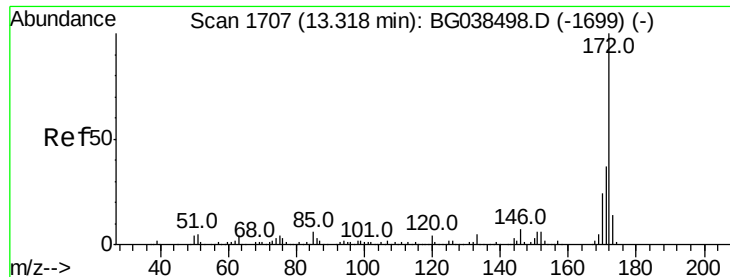
#44
 2,4,5-Trichlorophenol
 Concen: 42.848 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

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

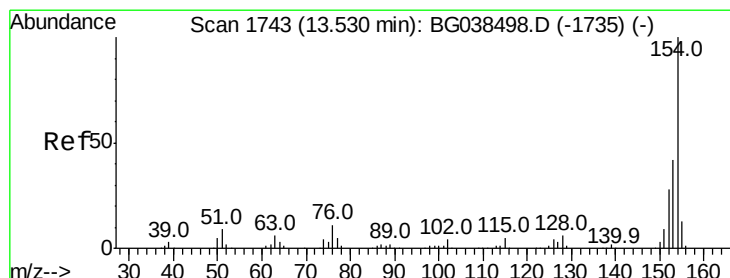
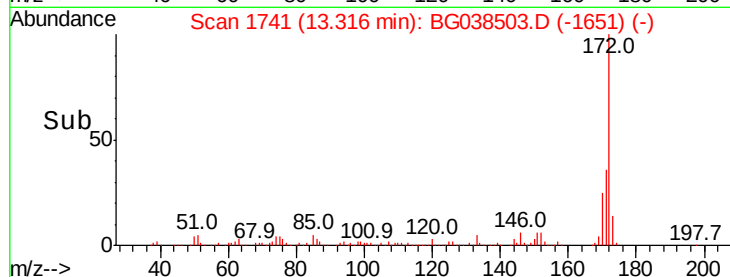
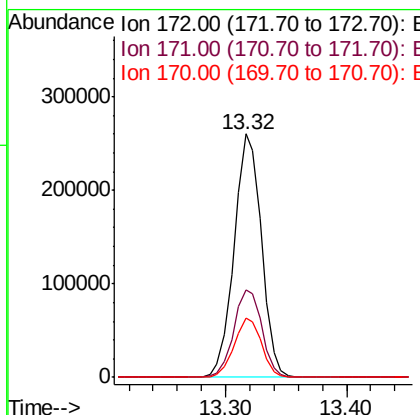
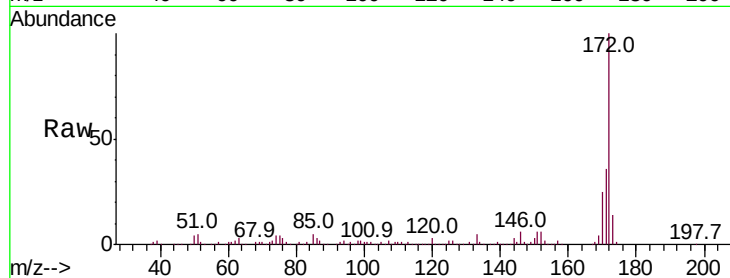




#45
2-Fluorobiphenyl
Concen: 79.176 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

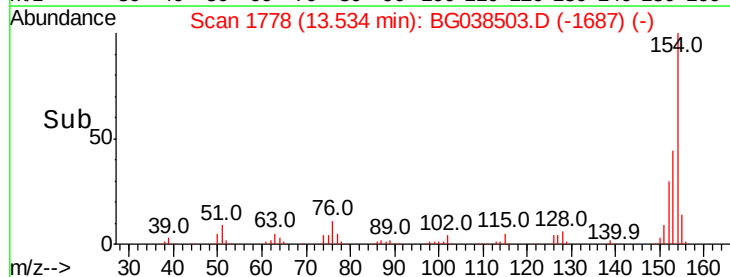
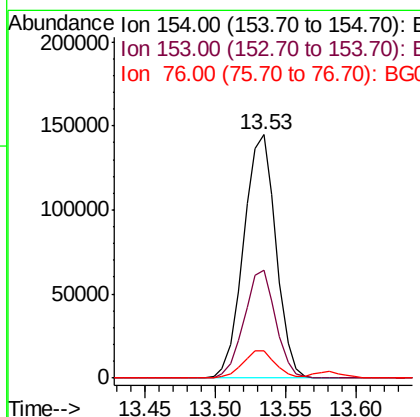
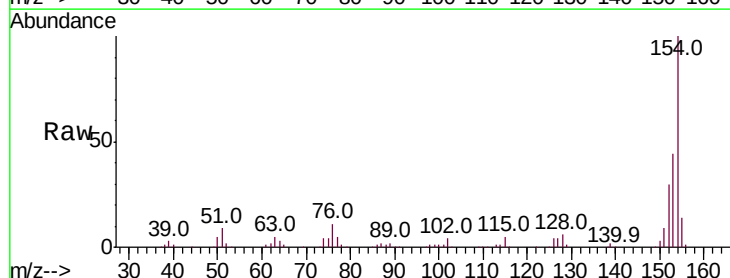
Instrument :
BNA_G
ClientSampleId :
ICVBG121218

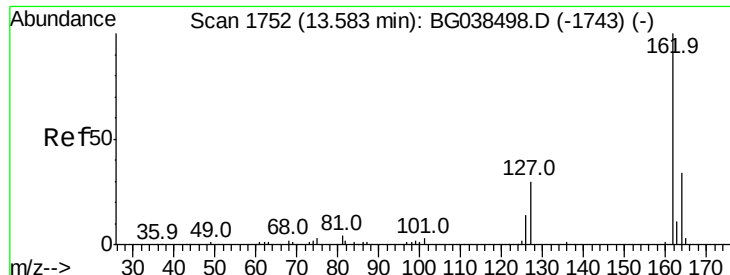
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.6	19.5	29.3



#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

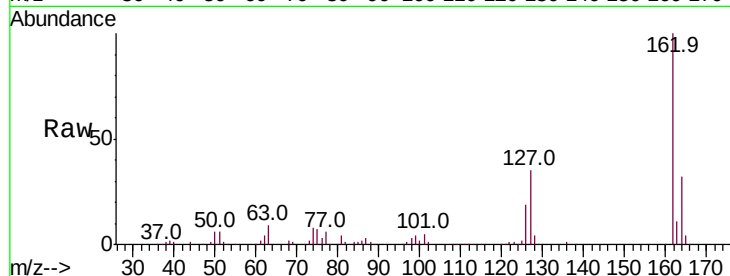




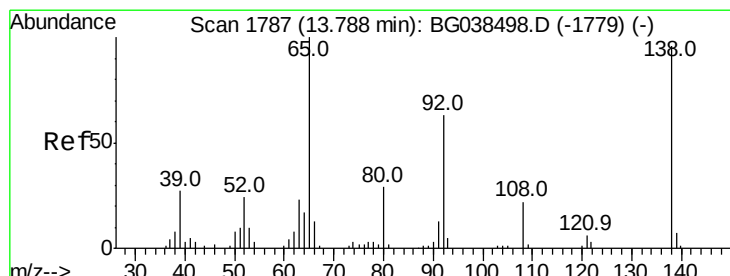
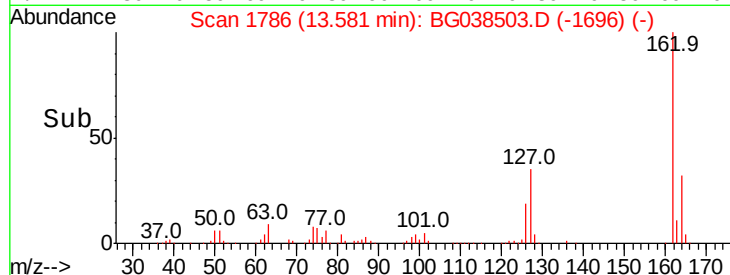
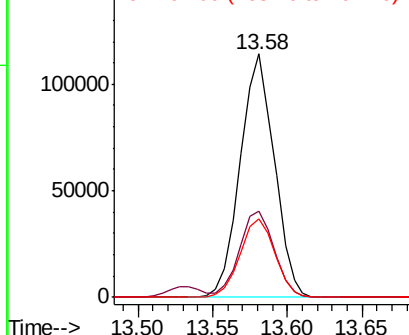
#47
 2-Chloronaphthalene
 Concen: 39.456 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

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

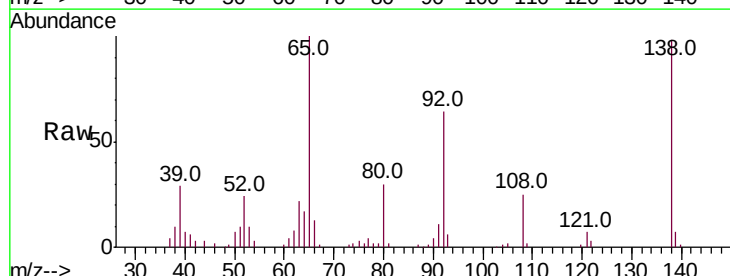


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

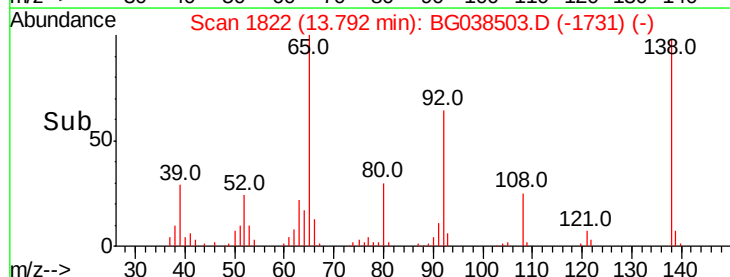
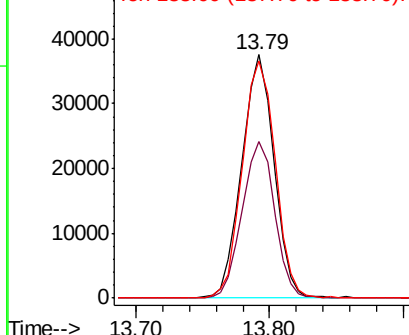


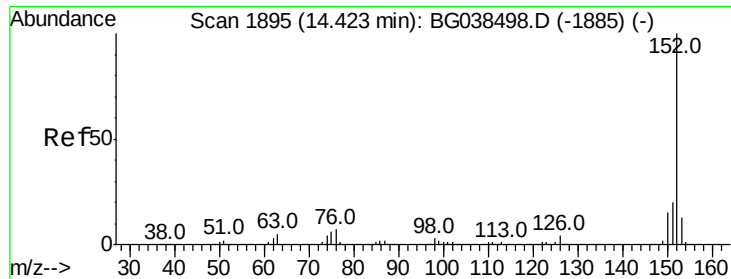
#48
 2-Nitroaniline
 Concen: 42.834 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

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 :

ICVBG121218

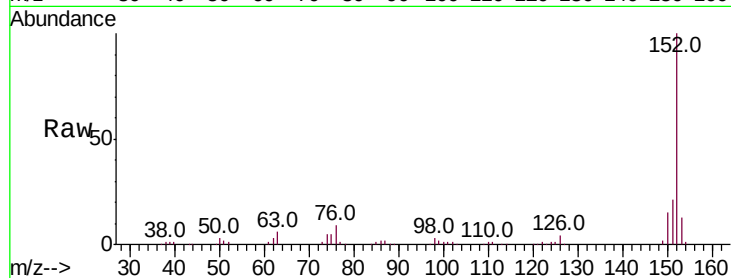
Tot Ion:152 Resp: 277494

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

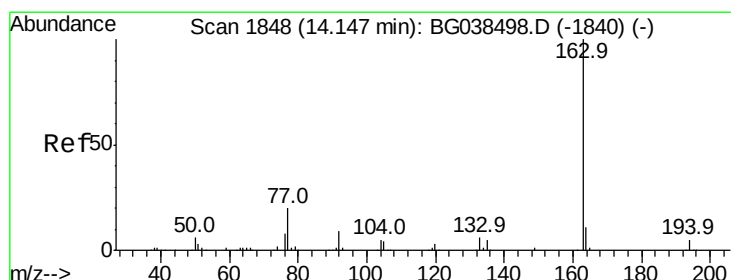
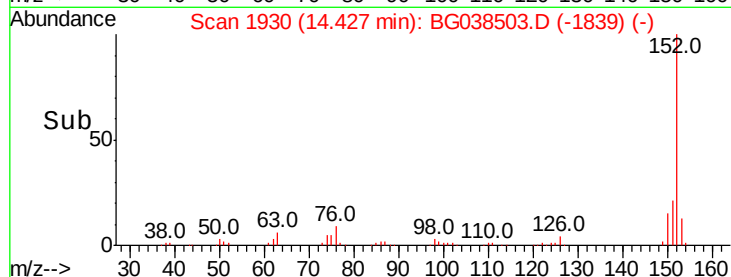
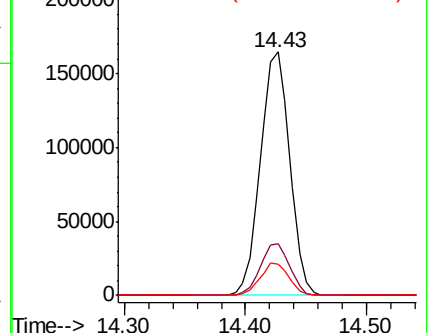
153 13.0 10.4 15.6



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

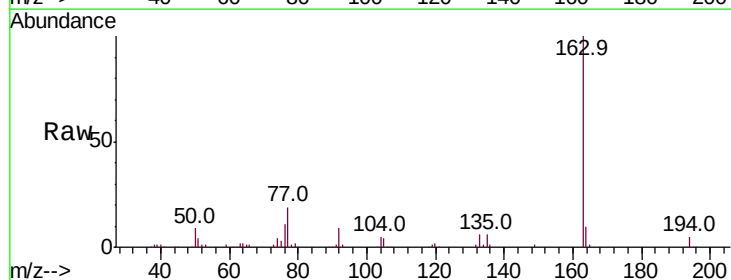
Tgt Ion:163 Resp: 238237

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

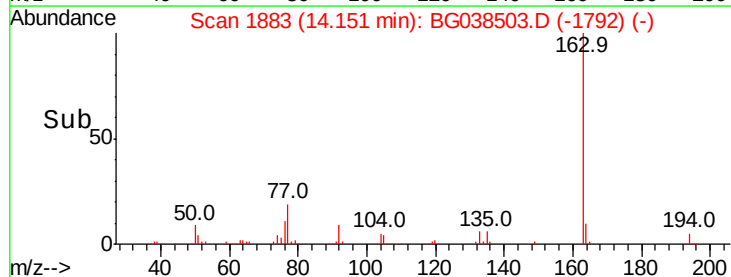
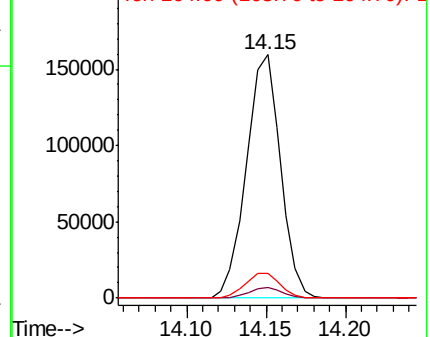
164 10.3 8.6 12.8

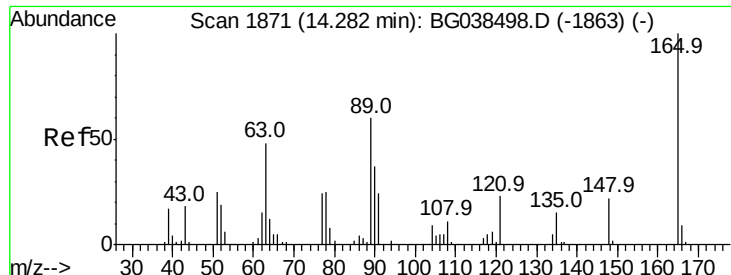


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

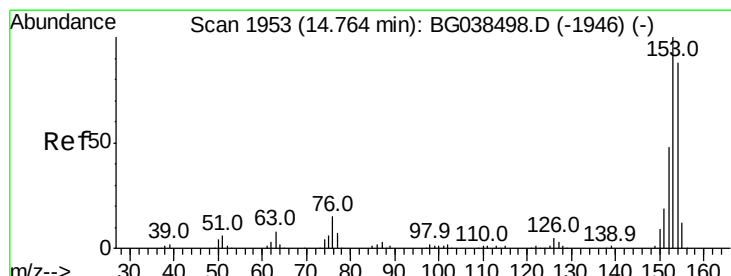
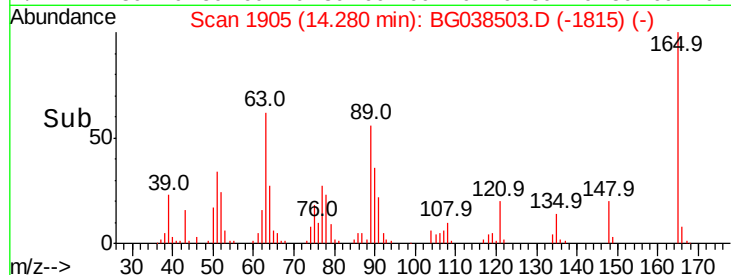
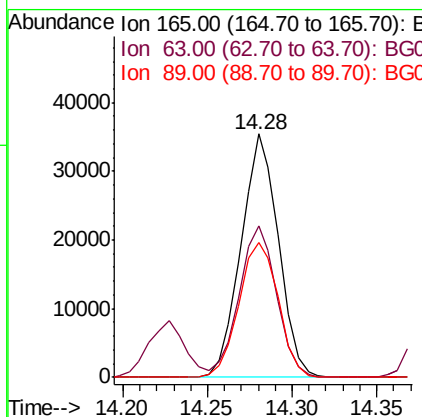
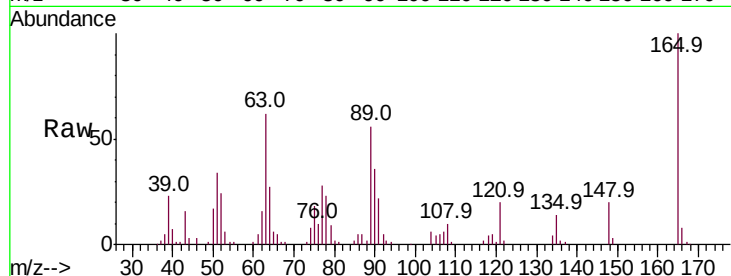




#51
 2,6-Dinitrotoluene
 Concen: 41.540 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

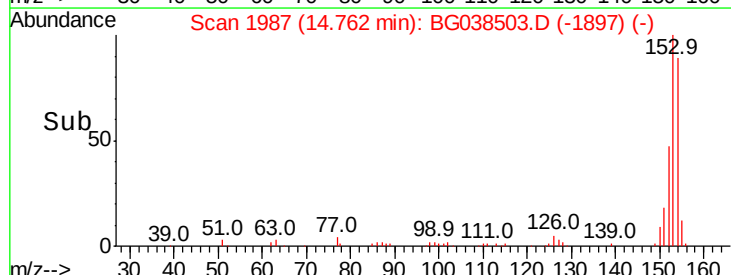
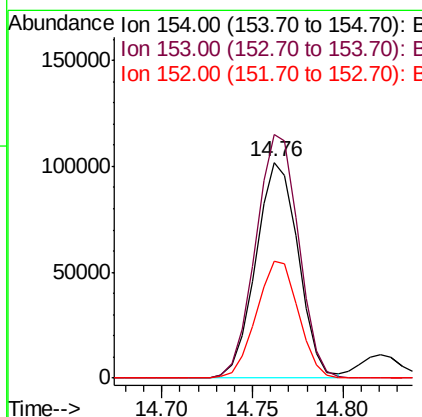
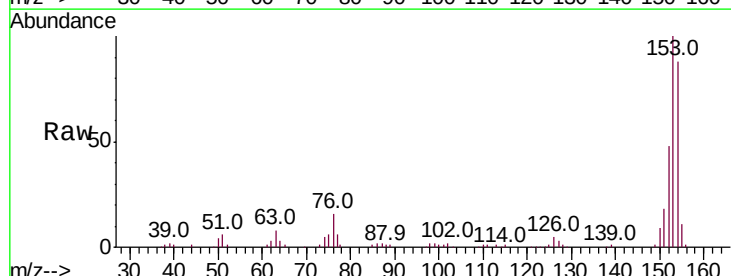
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

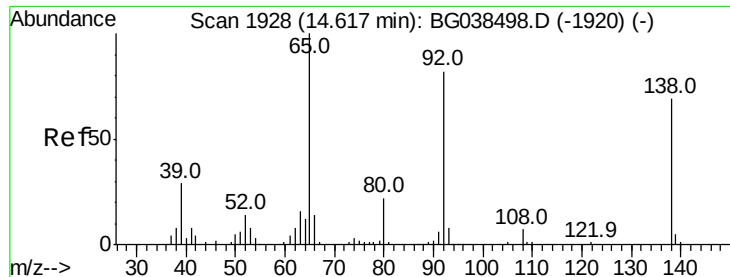
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.0	51.8	77.6
89	55.6	47.9	71.9



#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	Ratio	Lower	Upper
154	100		
153	113.0	90.6	136.0
152	54.5	43.5	65.3





#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 :

ICVBG121218

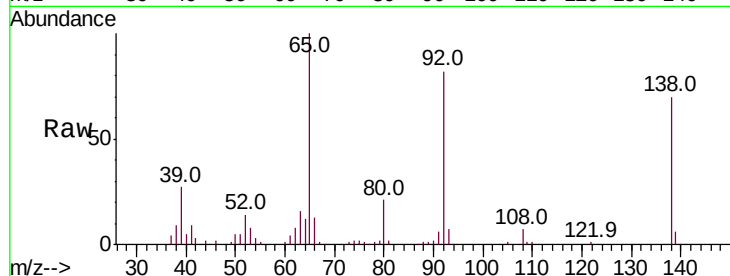
Tot Ion:138 Resp: 57944

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

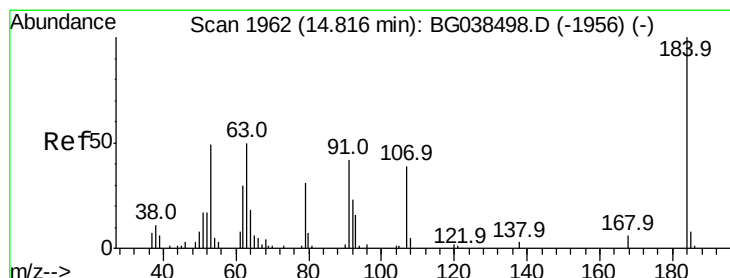
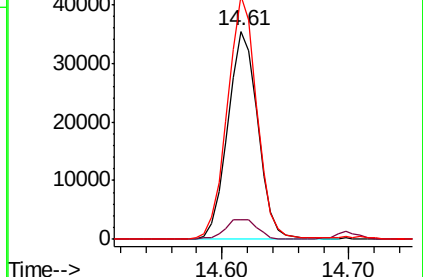
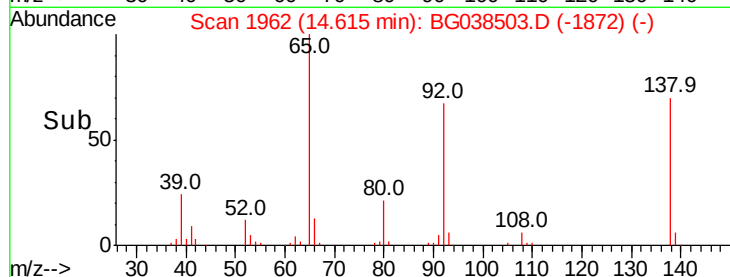
92 116.9 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 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

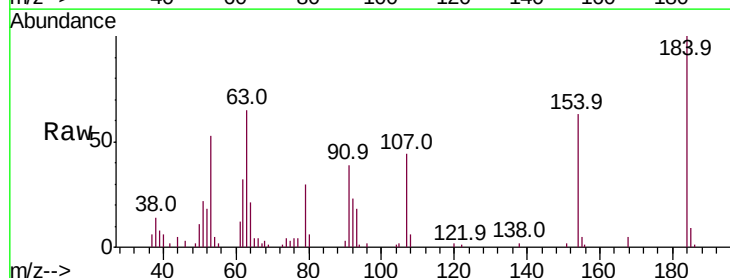
Tgt Ion:184 Resp: 29767

Ion Ratio Lower Upper

184 100

63 64.5 47.0 70.6

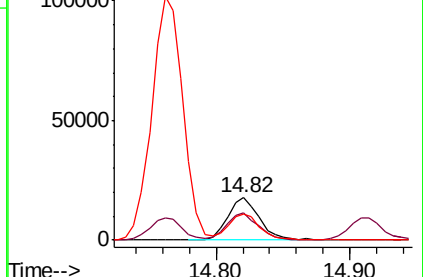
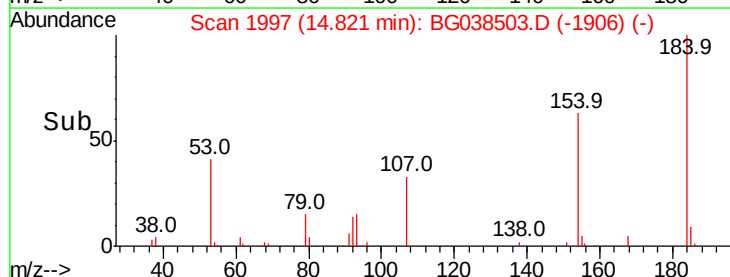
154 62.9 50.3 75.5

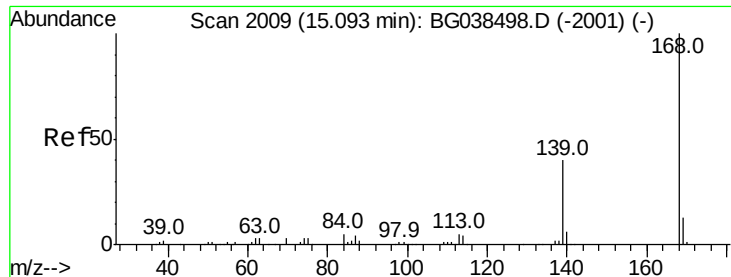


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

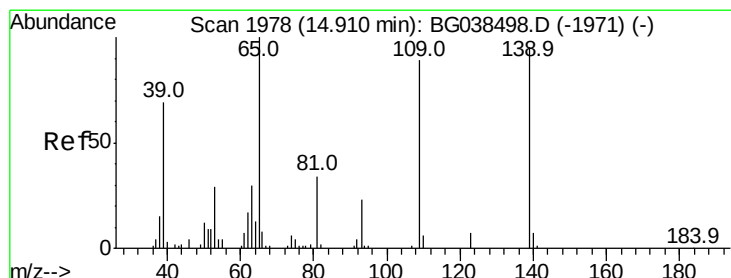
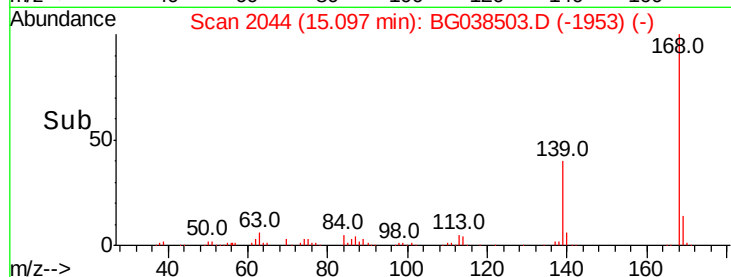
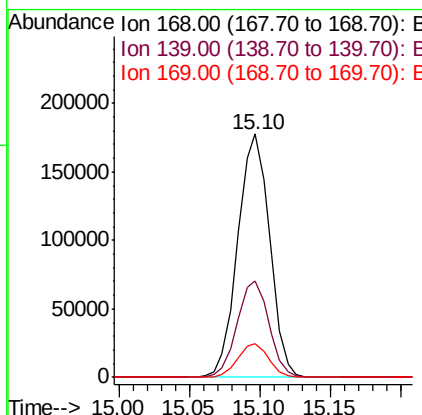
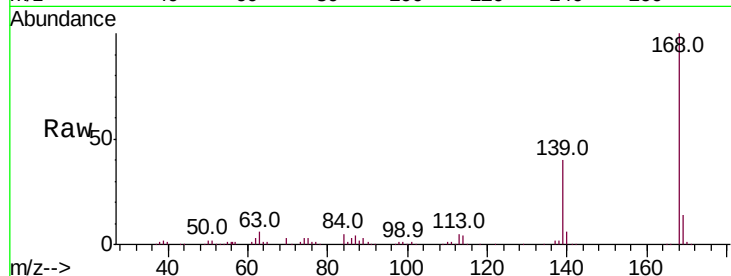




#55
Dibenzofuran
Concen: 39.894 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

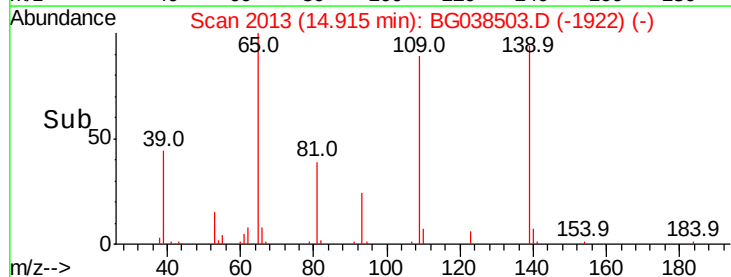
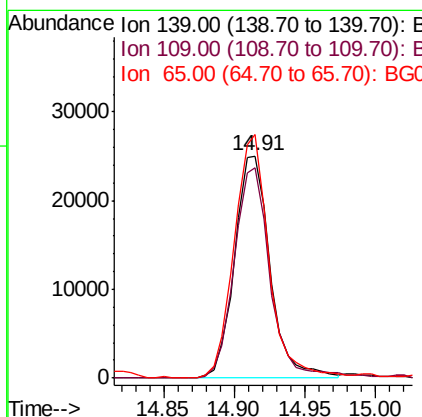
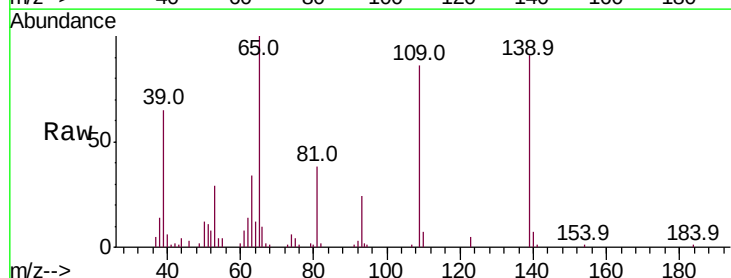
Instrument :
BNA_G
ClientSampleId :
ICVBG121218

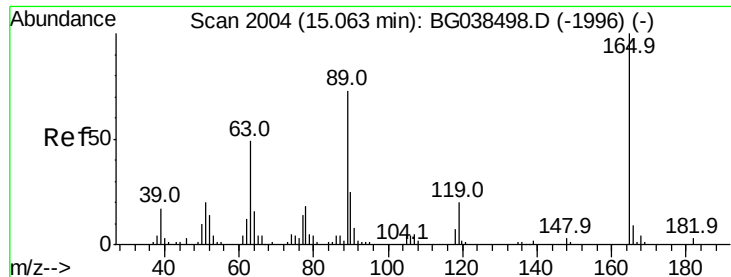
Tot Ion:168 Resp: 280512
Ion Ratio Lower Upper
168 100
139 39.6 32.2 48.2
169 13.8 10.6 16.0



#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

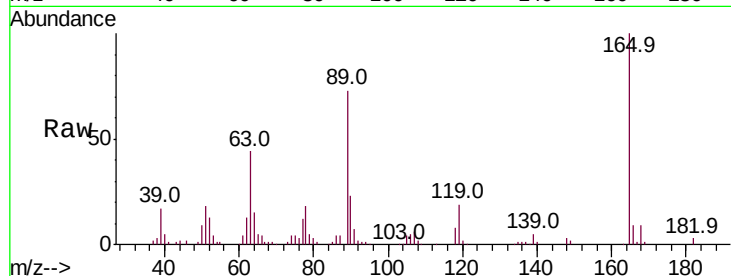




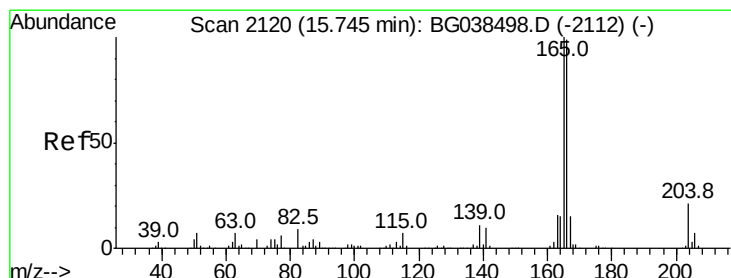
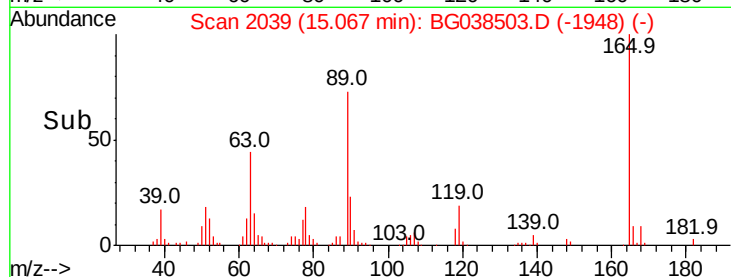
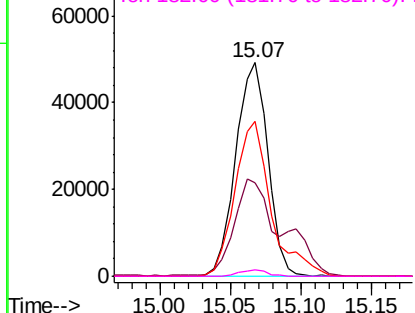
#57
2,4-Dinitrotoluene
Concen: 42.472 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :
ICVBG121218

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

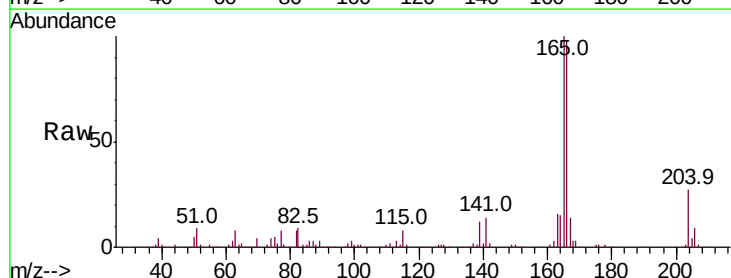


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

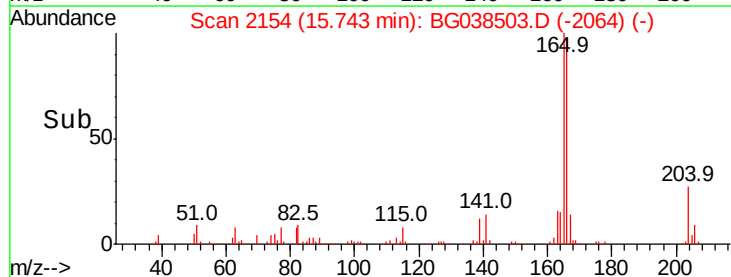
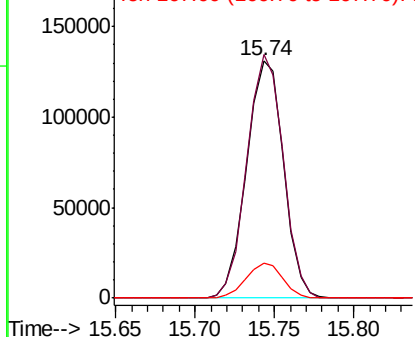


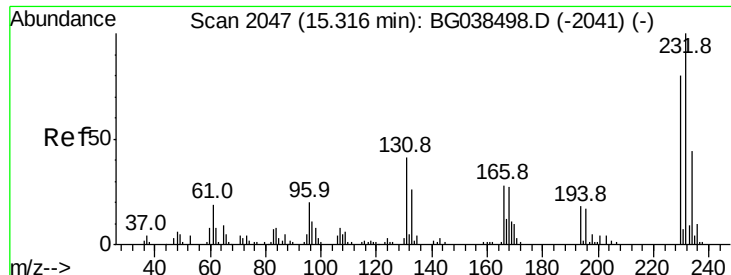
#58
Fluorene
Concen: 40.779 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

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

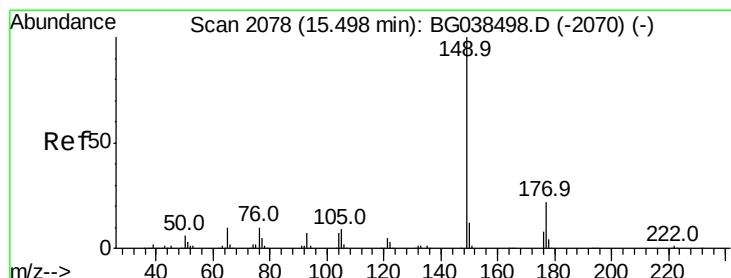
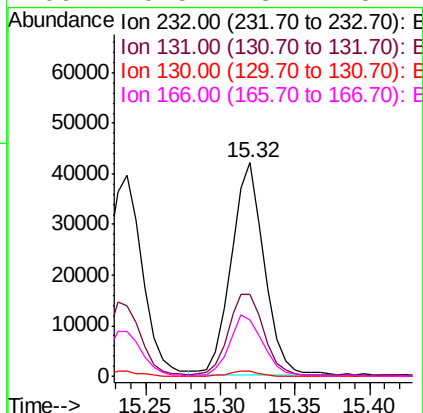
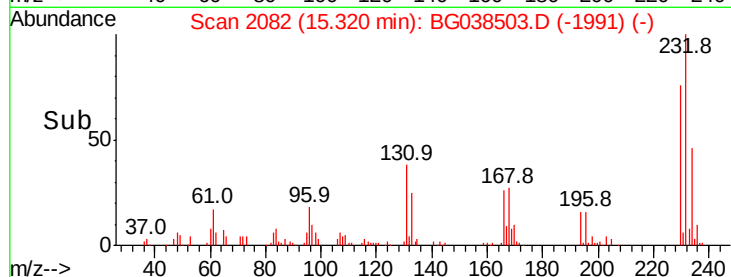
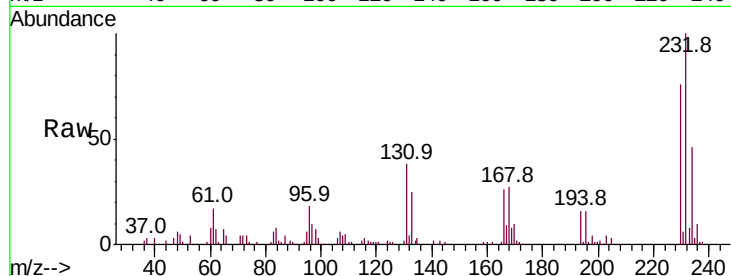




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.917 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

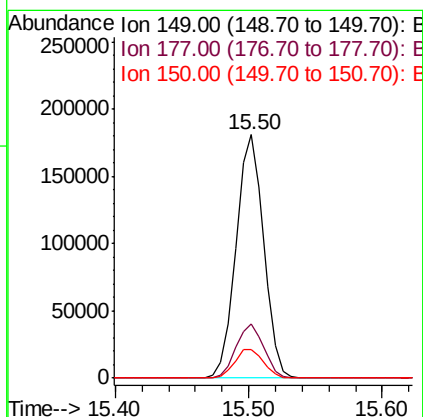
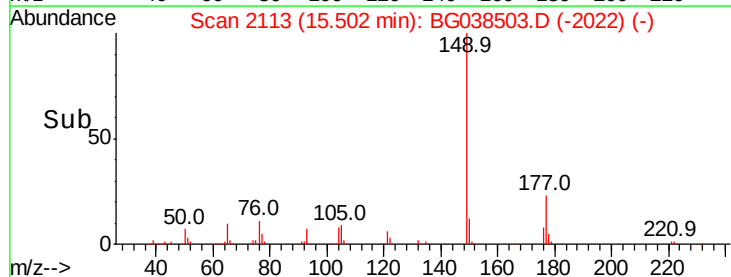
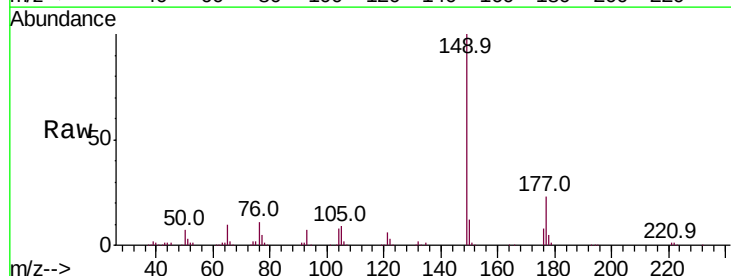
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

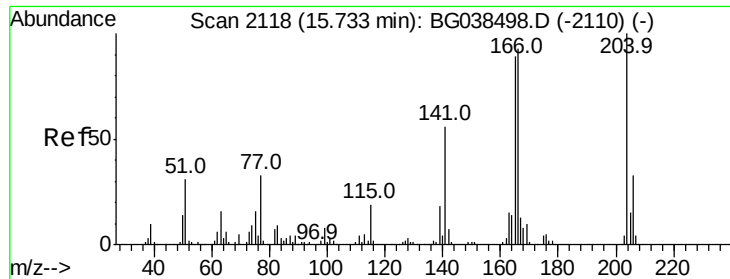
Tot Ion:	232	Resp:	65030
Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.0	49.4
130	2.4	2.0	3.0
166	29.5	23.1	34.7



#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

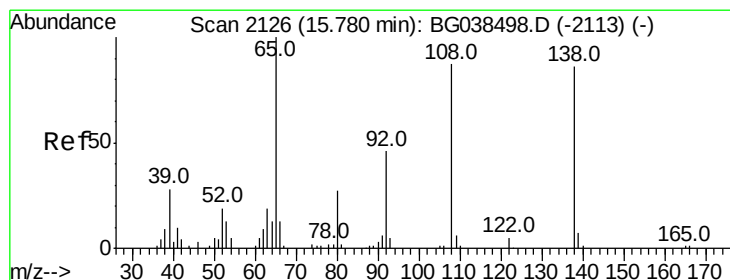
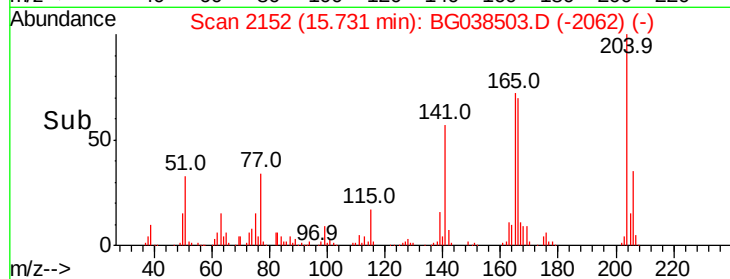
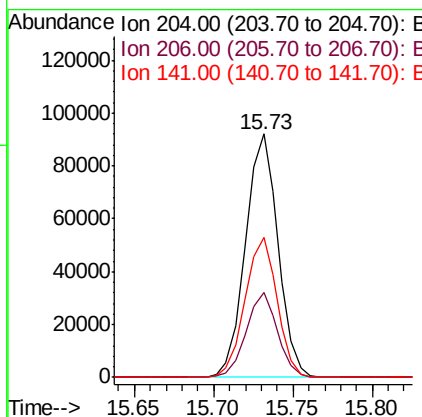
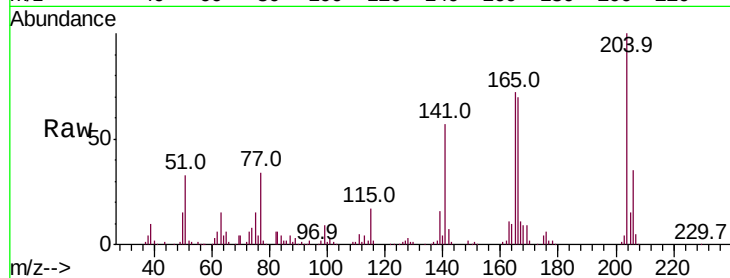




#61
 4-Chlorophenyl-phenylether
 Concen: 40.259 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

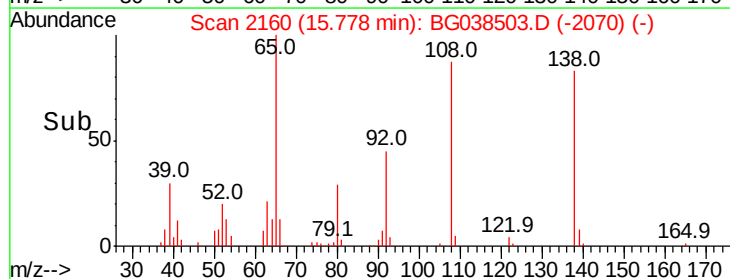
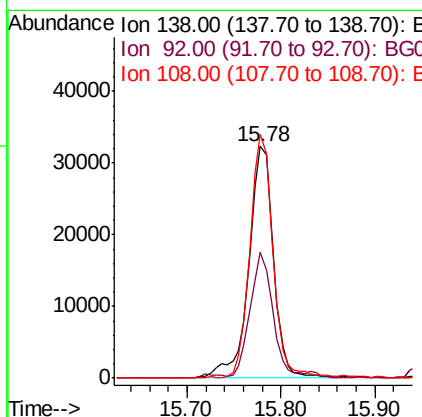
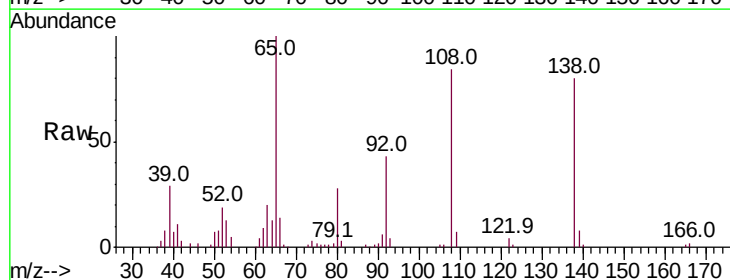
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

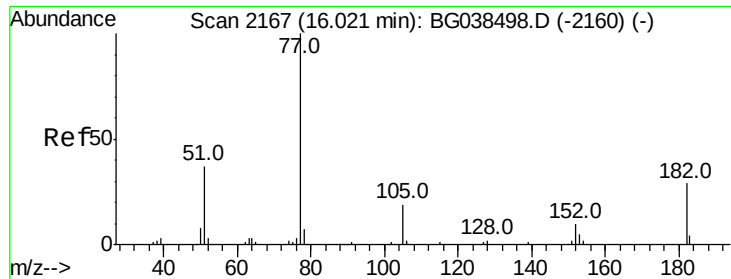
Tot Ion:	204	Resp:	130859
Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.0	39.0
141	57.4	44.4	66.6



#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

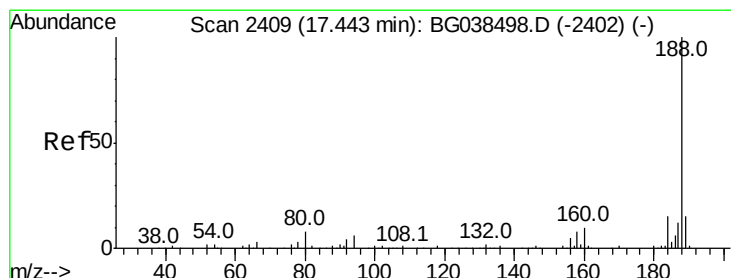
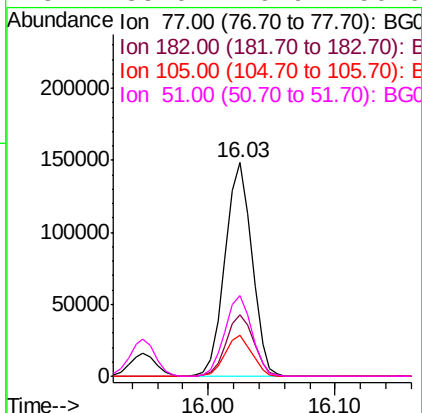
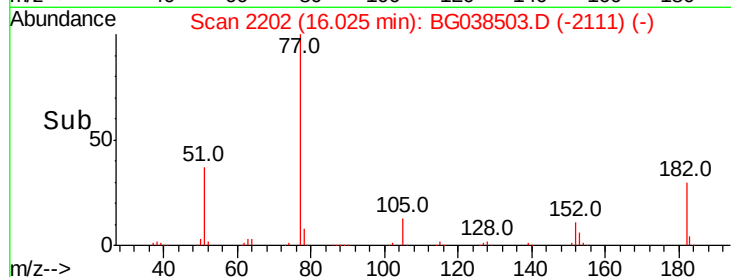
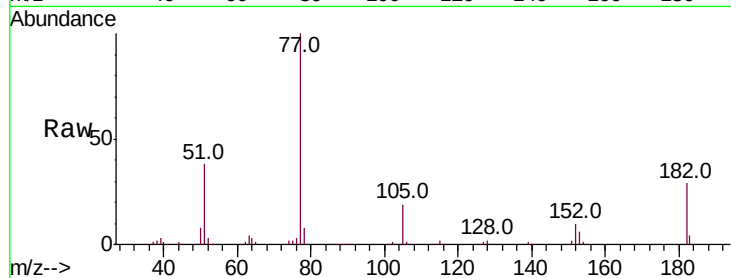




#63
Azobenzene
Concen: 41.094 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

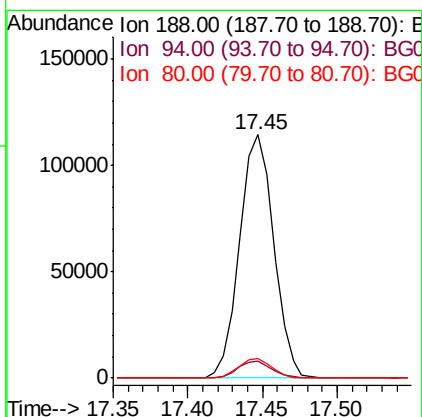
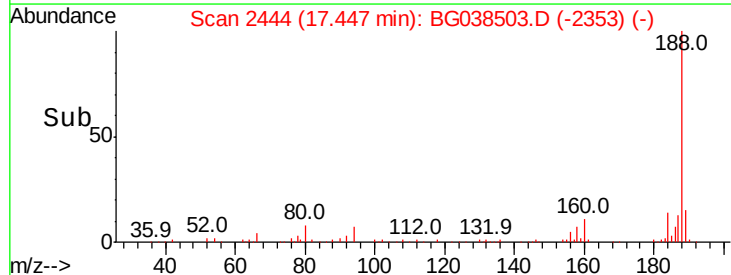
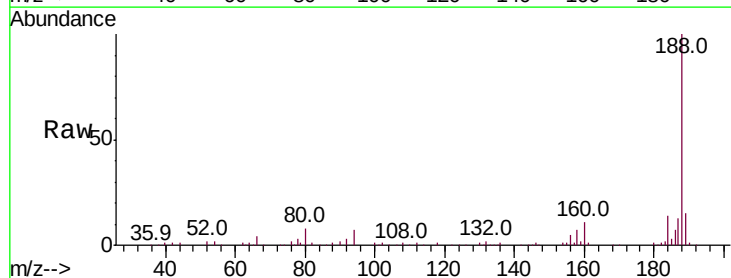
Instrument :
BNA_G
ClientSampleId :
ICVBG121218

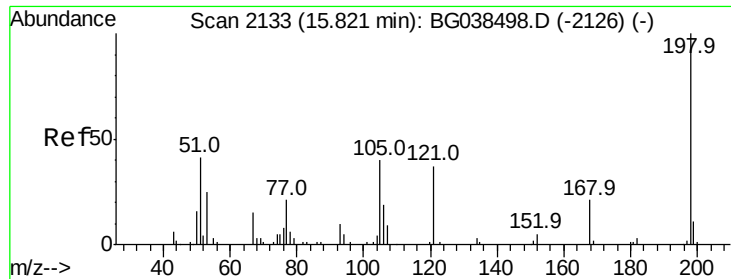
Tot Ion: 77 Resp: 218086
Ion Ratio Lower Upper
77 100
182 28.8 8.7 48.7
105 19.2 0.0 38.7
51 38.0 16.6 56.6



#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

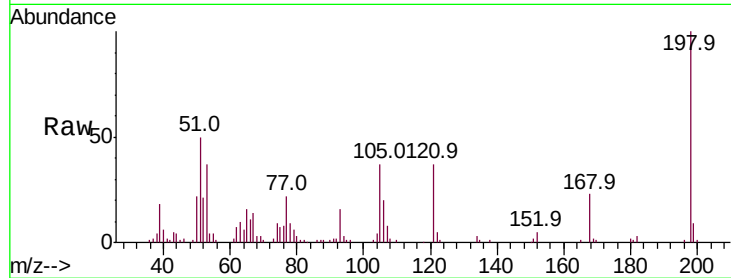




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.289 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

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

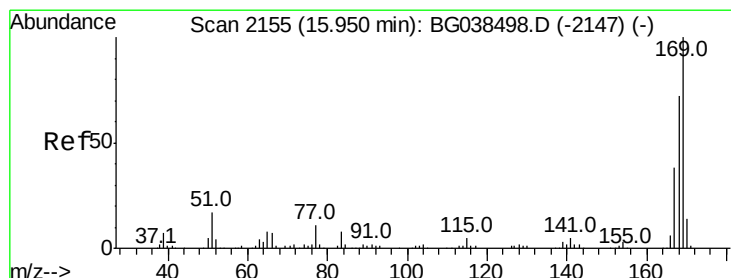
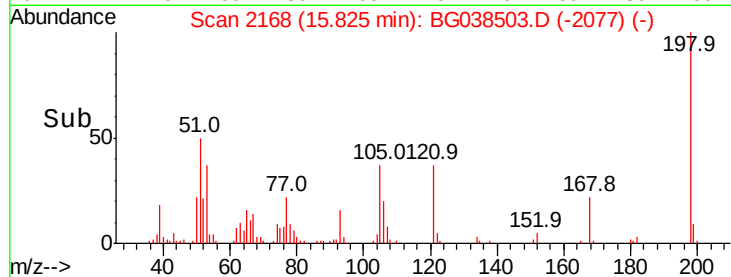
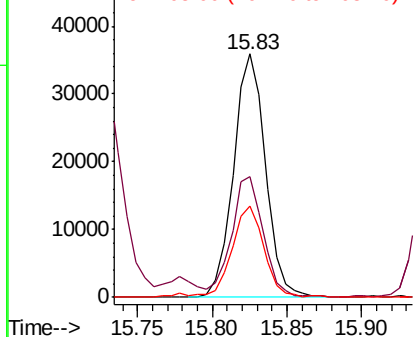


Abundance

Ion 198.00 (197.70 to 198.70): E

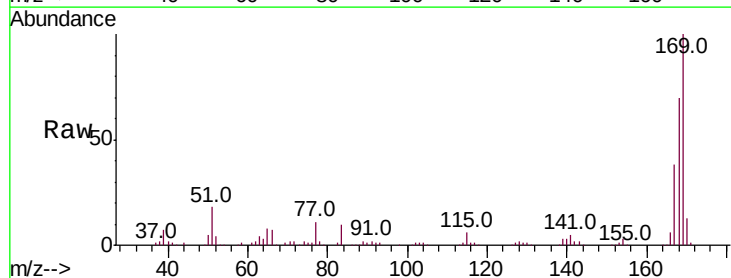
Ion 51.00 (50.70 to 51.70): BG

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

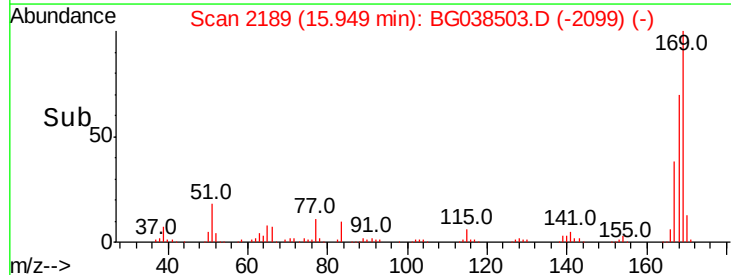
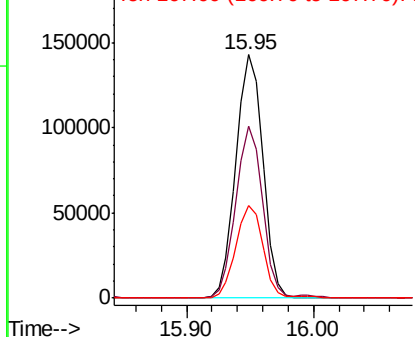


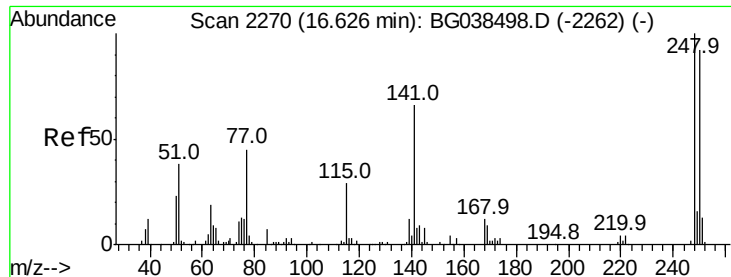
Abundance

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

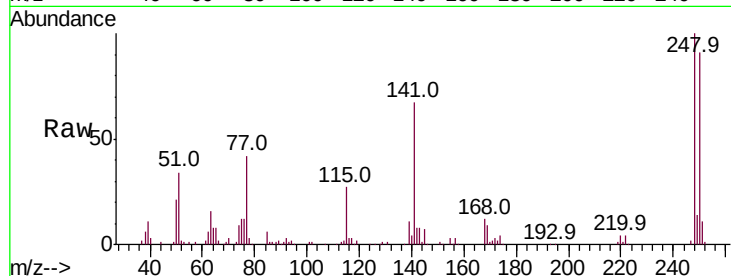




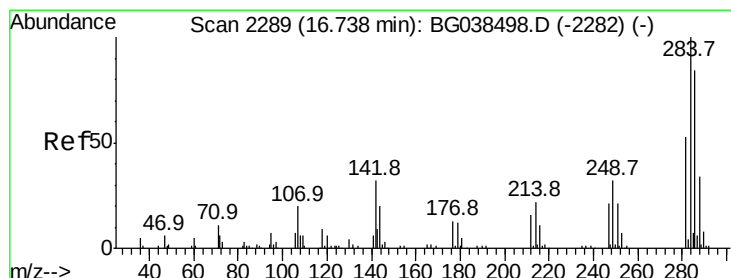
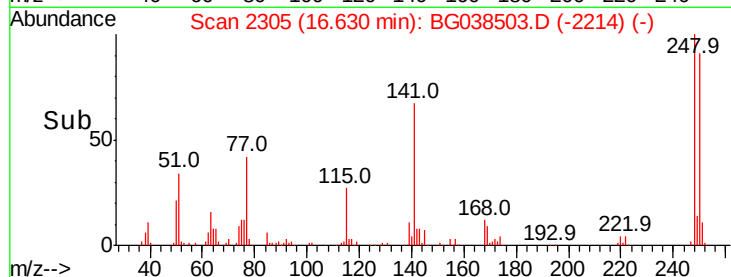
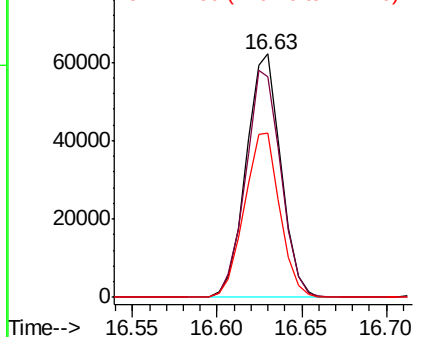
#67
 4-Bromophenyl-phenylether
 Concen: 40.068 ng
 RT: 16.63 min Scan# 2305
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

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

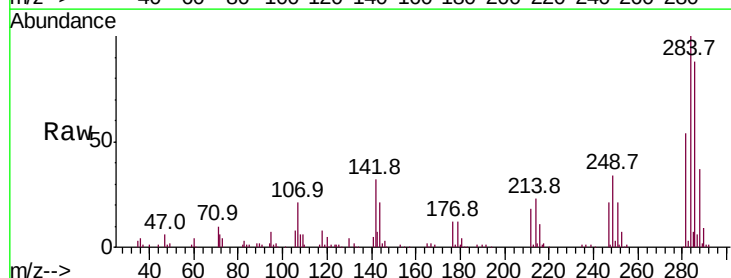


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

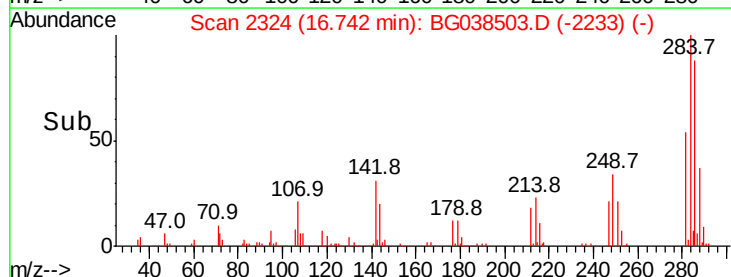
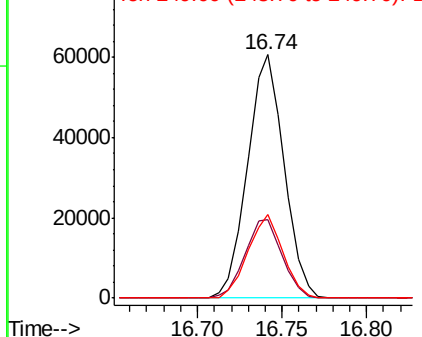


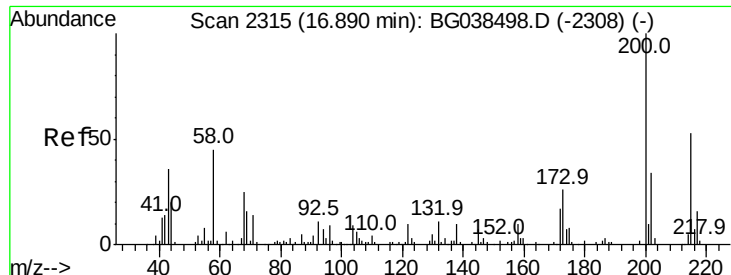
#68
 Hexachlorobenzene
 Concen: 39.569 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

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 :

ICVBG121218

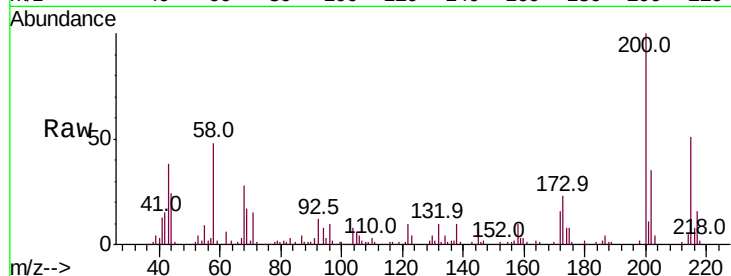
Tot Ion:200 Resp: 82948

Ion Ratio Lower Upper

200 100

173 23.3 5.9 45.9

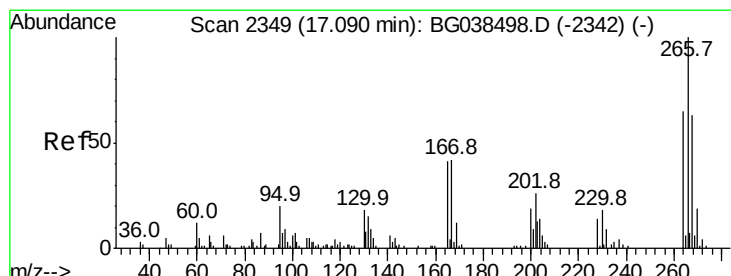
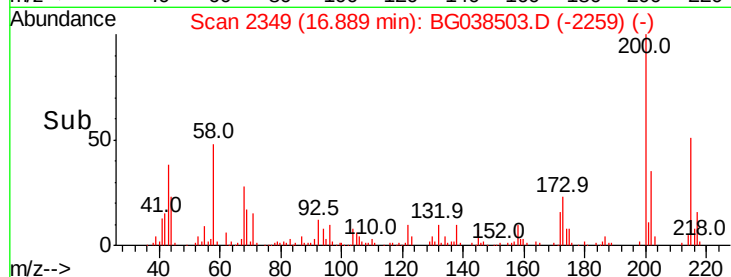
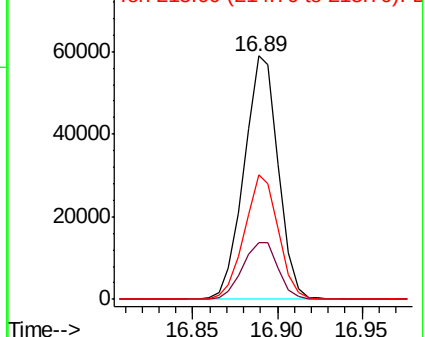
215 51.0 33.1 73.1



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

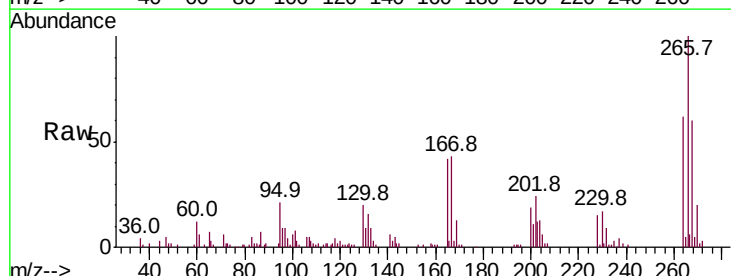
Tgt Ion:266 Resp: 58437

Ion Ratio Lower Upper

266 100

268 64.3 55.0 82.6

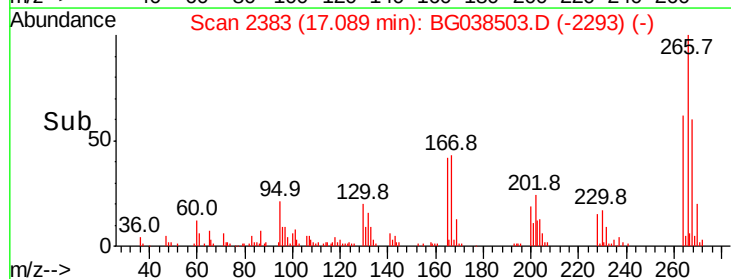
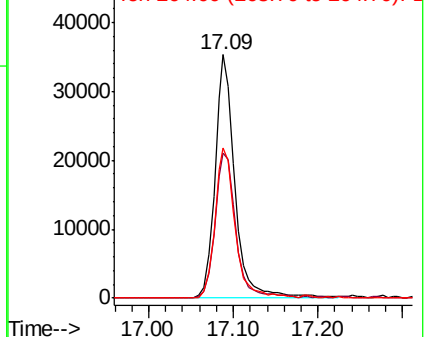
264 67.4 56.7 85.1

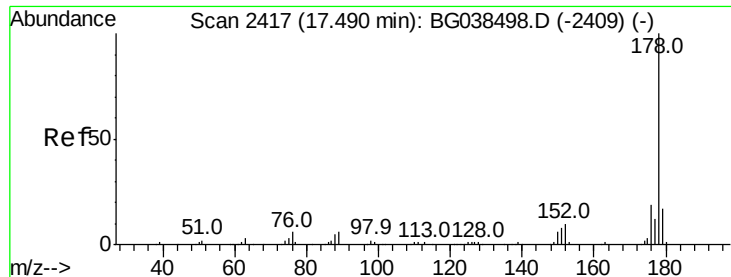


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

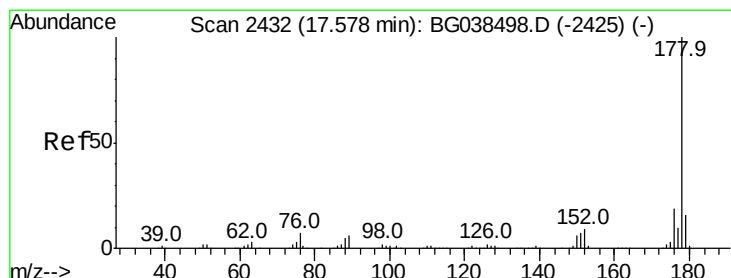
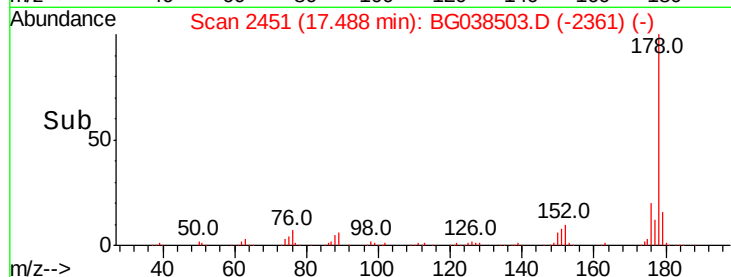
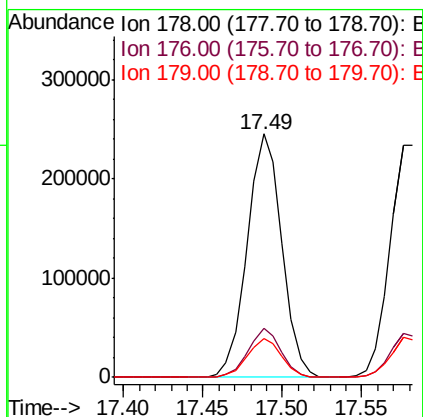
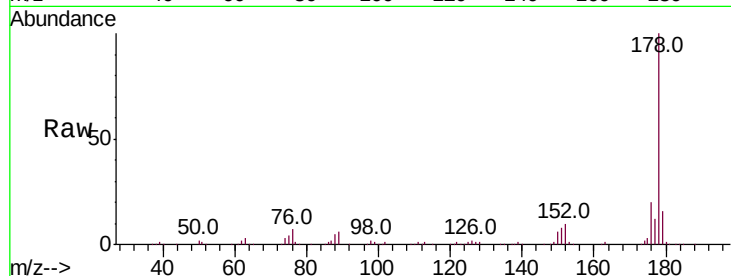




#71
Phenanthrene
Concen: 39.537 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

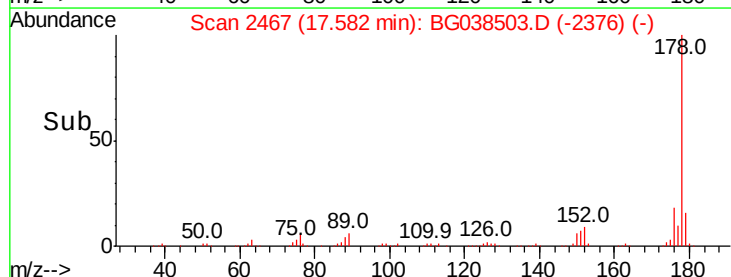
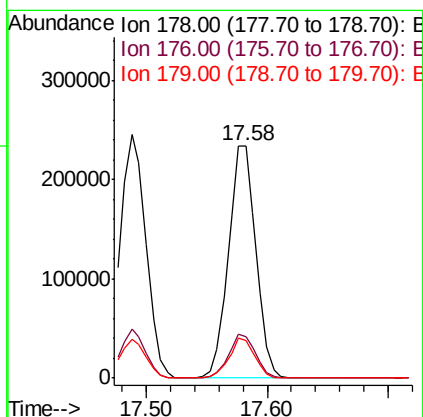
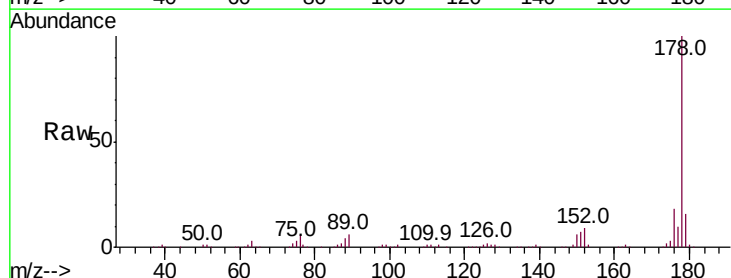
Instrument :
BNA_G
ClientSampleId :
ICVBG121218

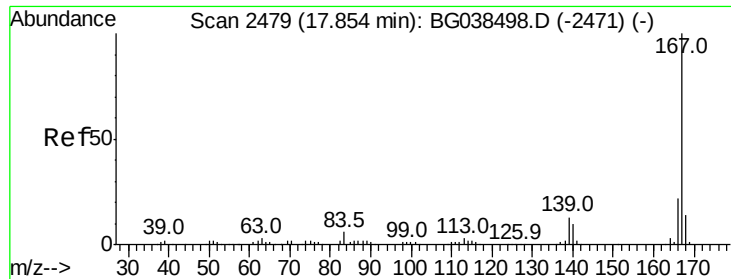
Tot Ion:178 Resp: 372179
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 15.8 13.2 19.8



#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





#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 :

ICVBG121218

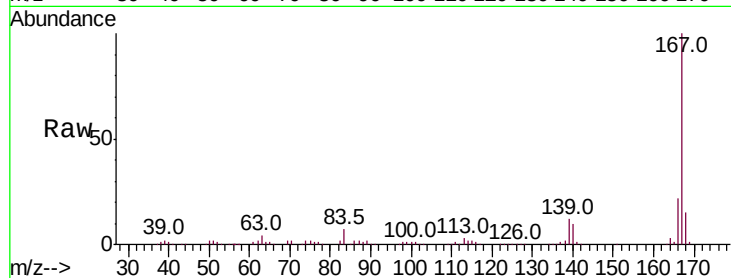
Tot Ion:167 Resp: 373151

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

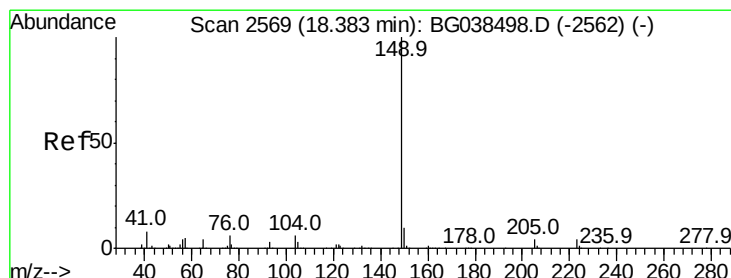
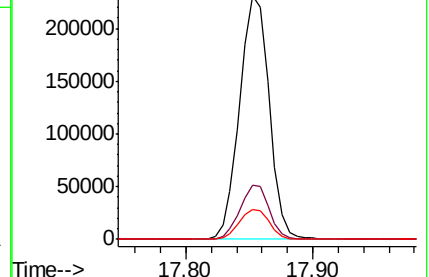
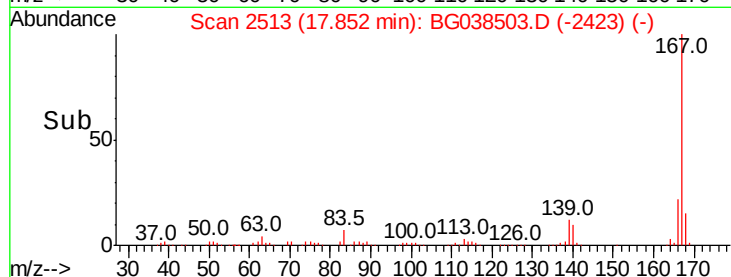
139 12.5 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#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

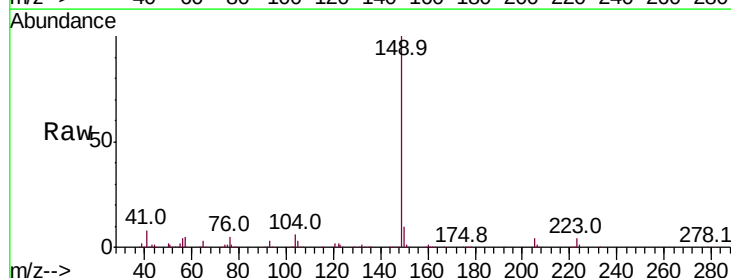
Tgt Ion:149 Resp: 430389

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

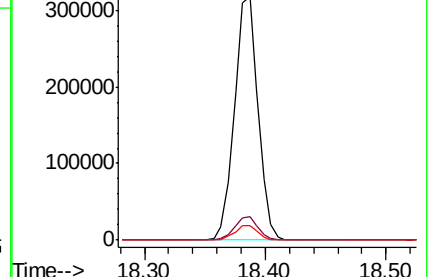
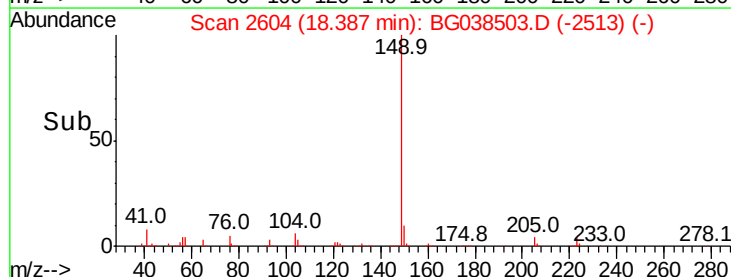
104 5.9 5.0 7.4

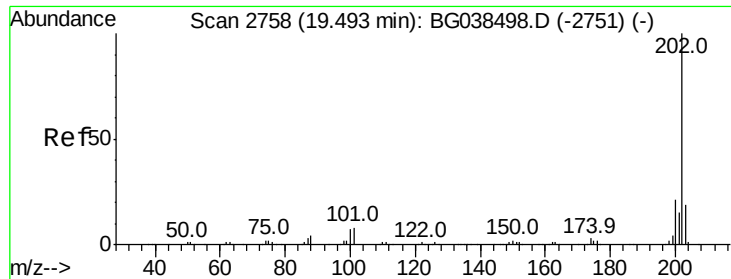


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

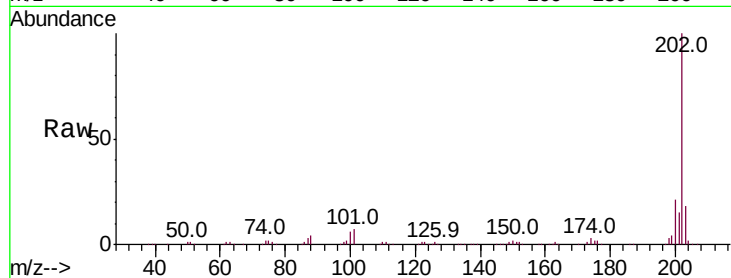




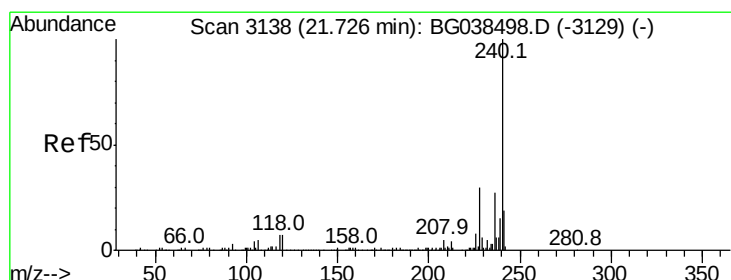
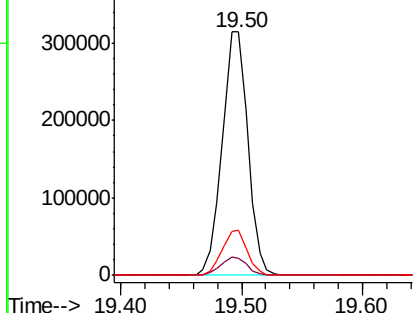
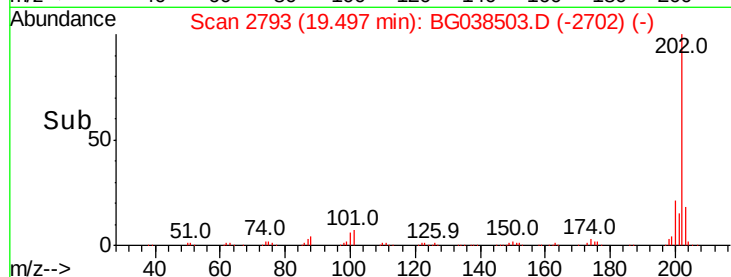
#75
 Fluoranthene
 Concen: 39.568 ng
 RT: 19.50 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121218

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

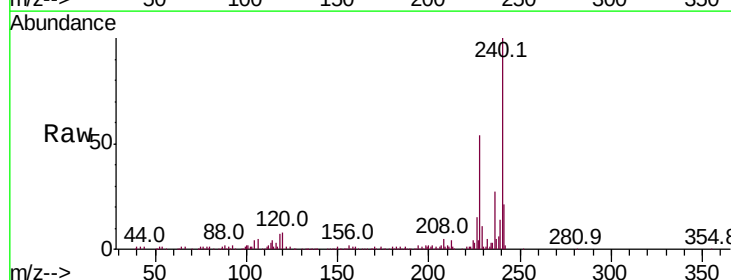


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

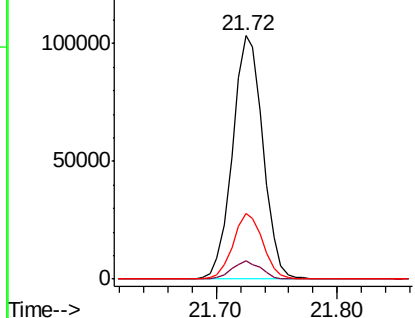
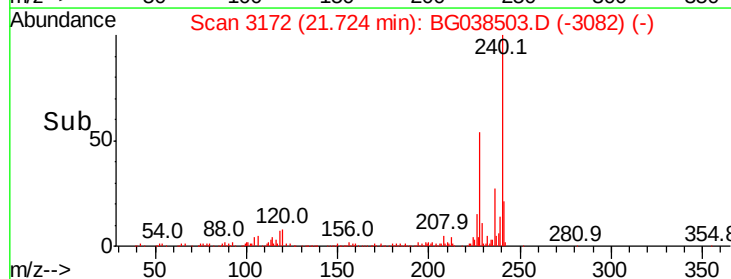


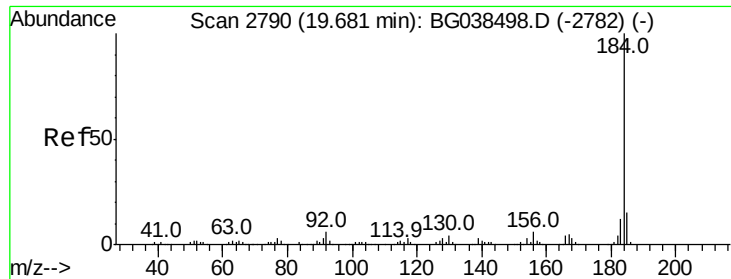
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038503.D
 Acq: 12 Dec 2018 17:28

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



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 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 :

ICVBG121218

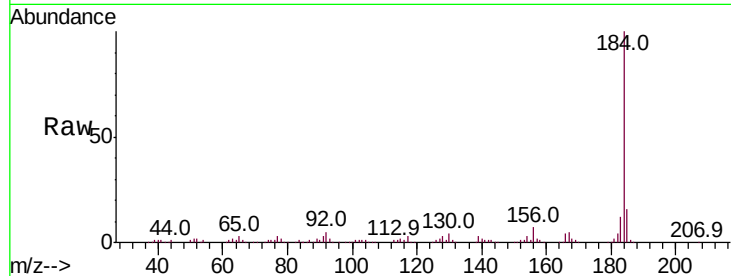
Tot Ion:184 Resp: 249178

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

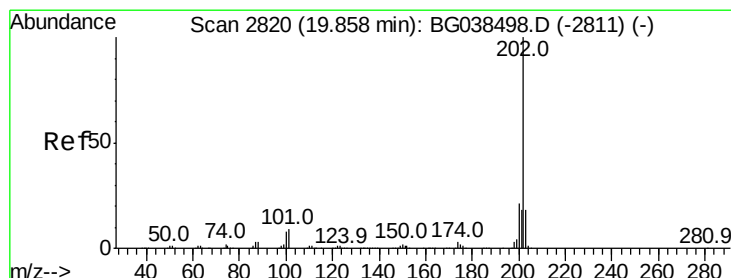
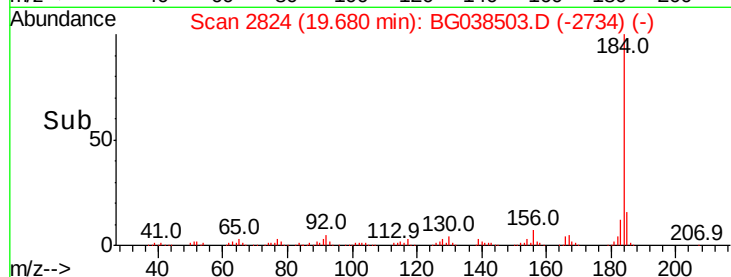
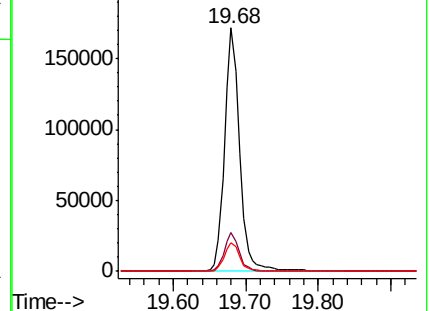
183 11.8 9.6 14.4



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

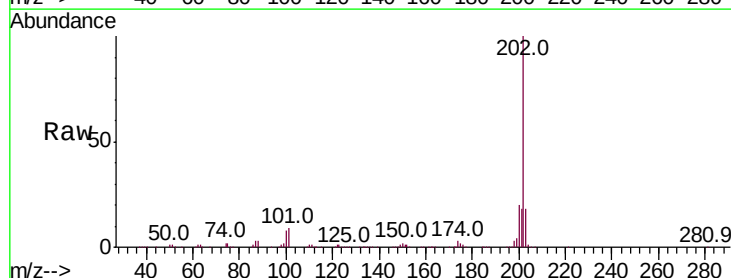
Tgt Ion:202 Resp: 469833

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

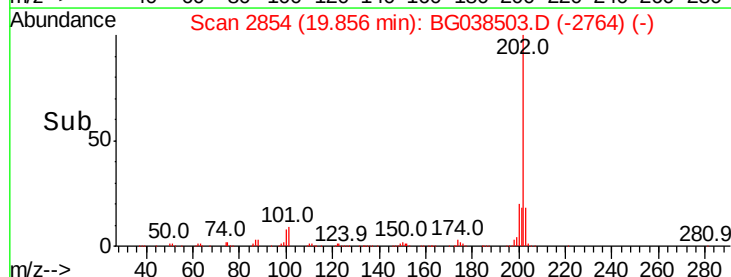
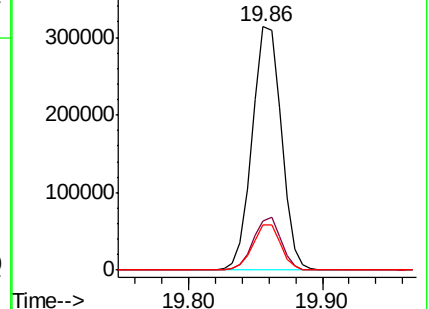
203 18.4 14.6 21.8

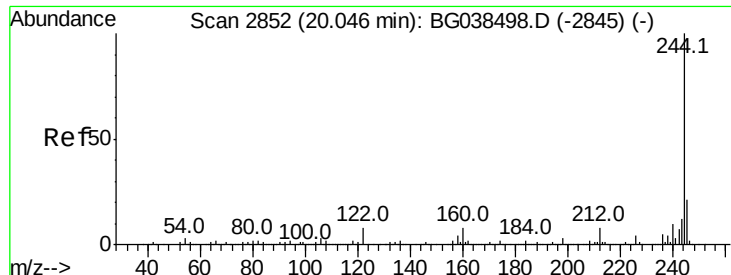


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

ICVBG121218

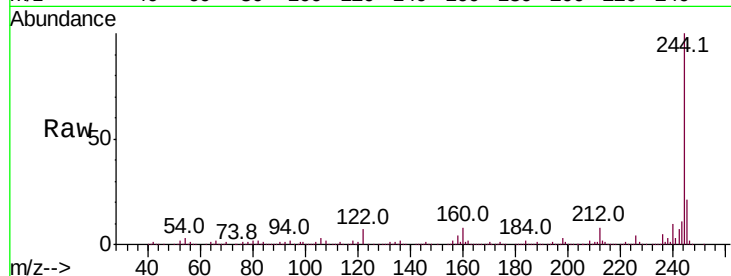
Tot Ion:244 Resp: 682976

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

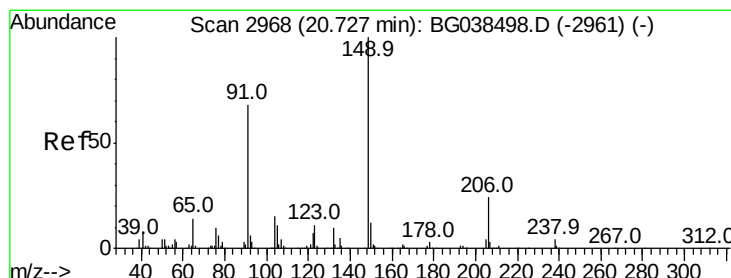
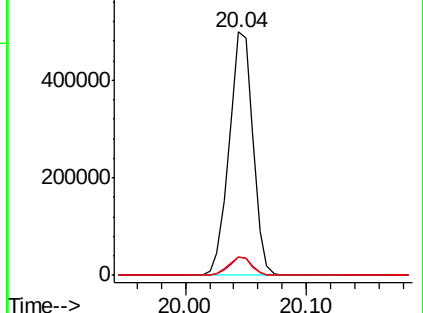
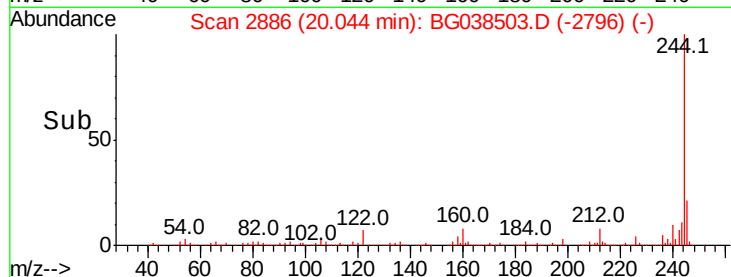
122 7.4 6.3 9.5



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

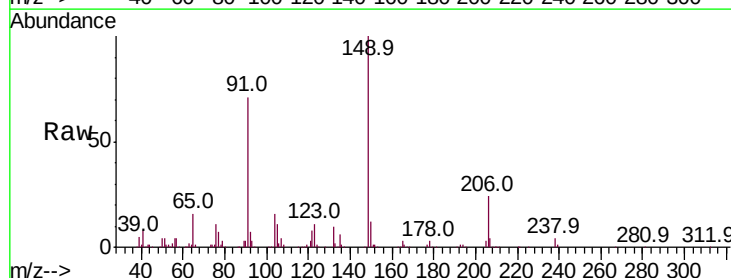
Tgt Ion:149 Resp: 191967

Ion Ratio Lower Upper

149 100

91 71.5 54.5 81.7

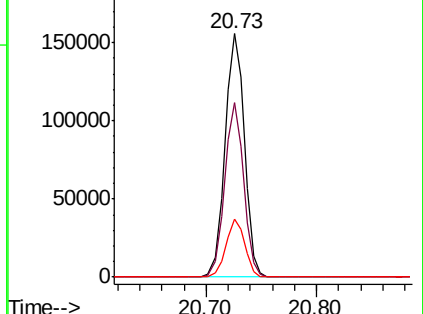
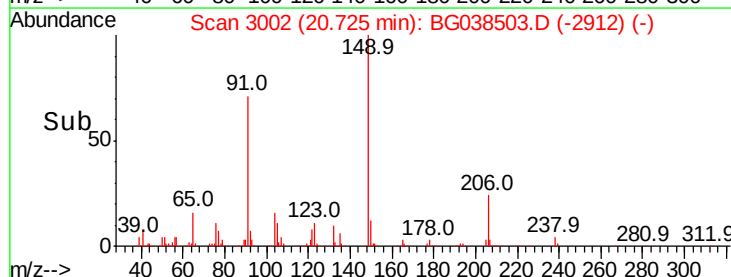
206 23.7 19.0 28.6

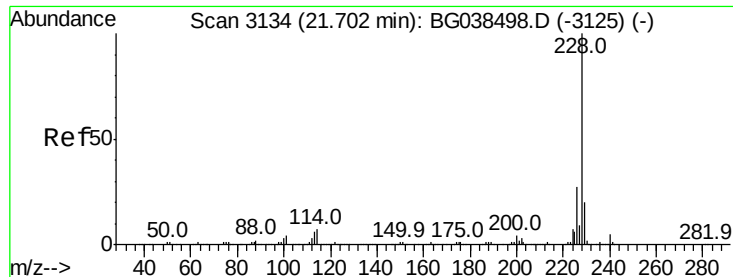


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

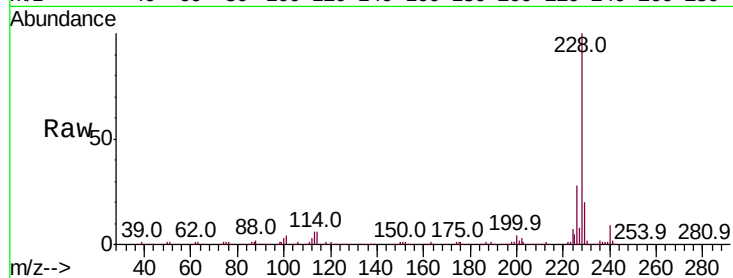
BNA_G

ClientSampleId :

ICVBG121218

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

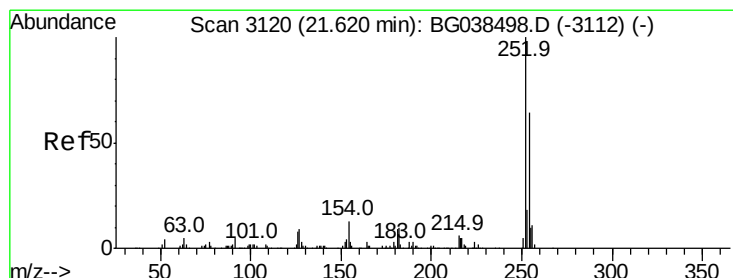
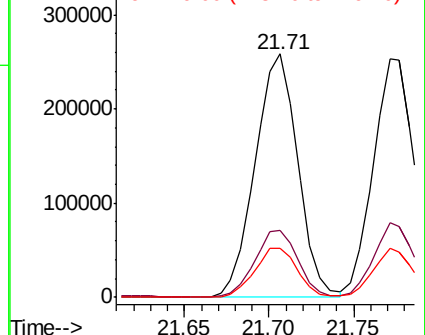
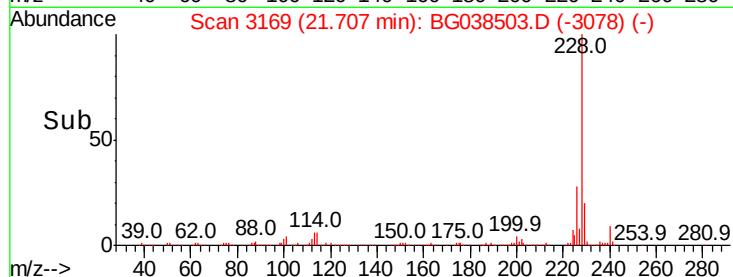


Abundance

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

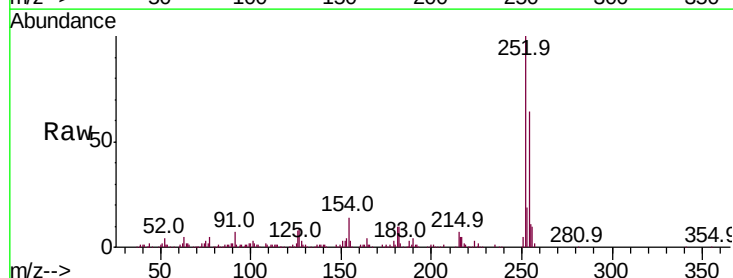
Delta R.T. -0.00 min

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

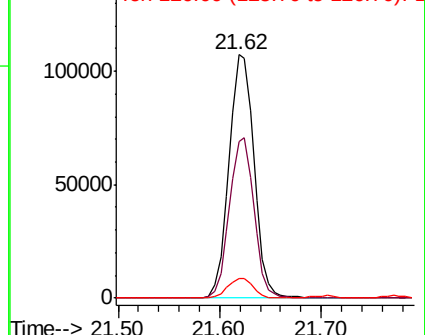
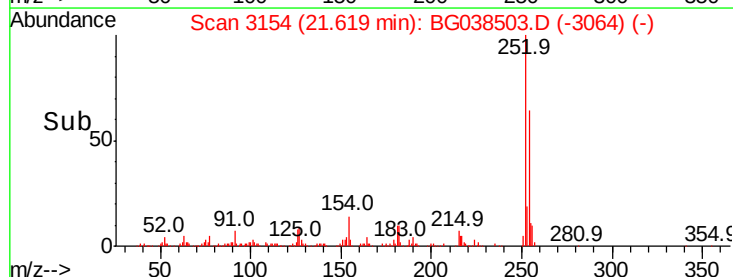


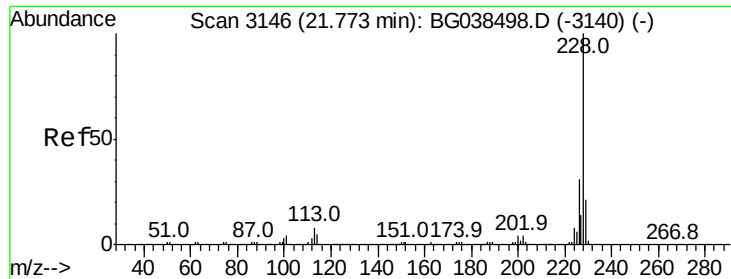
Abundance

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 :

ICVBG121218

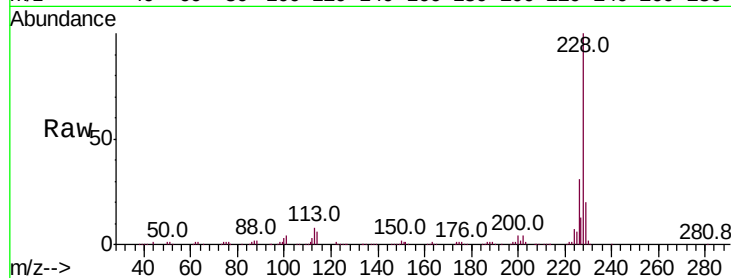
Tot Ion:228 Resp: 427144

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.4

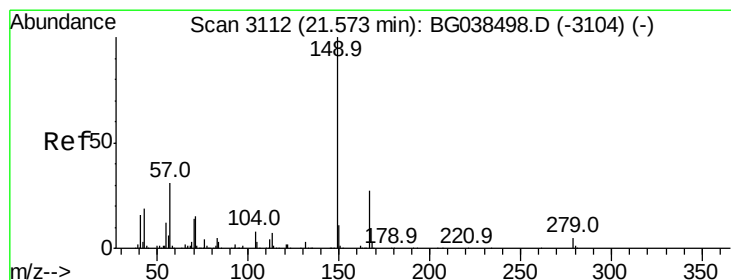
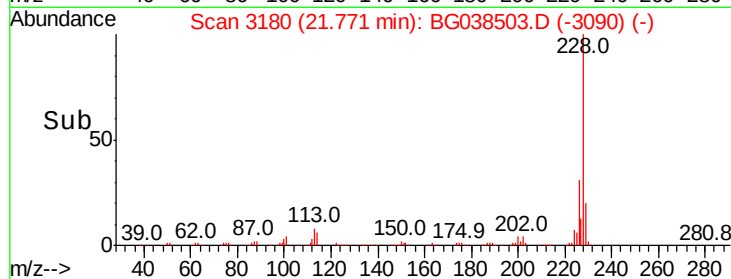
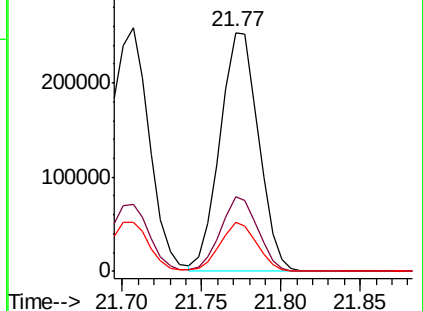
229 20.3 16.5 24.7



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

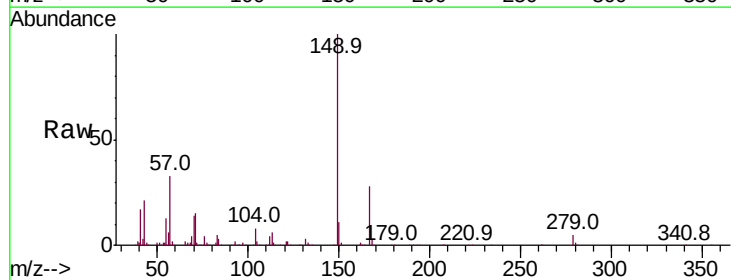
Tgt Ion:149 Resp: 274288

Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

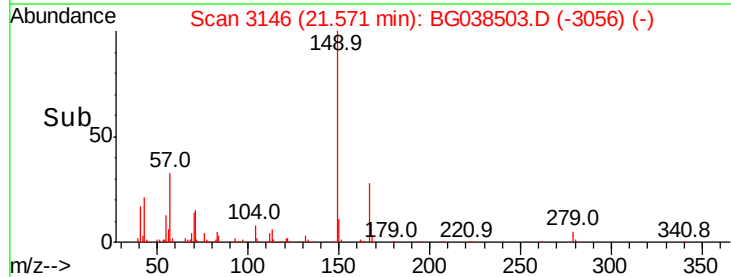
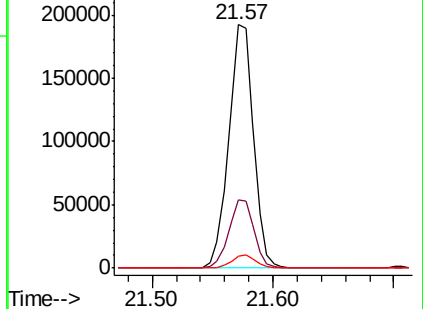
279 5.1 4.2 6.2

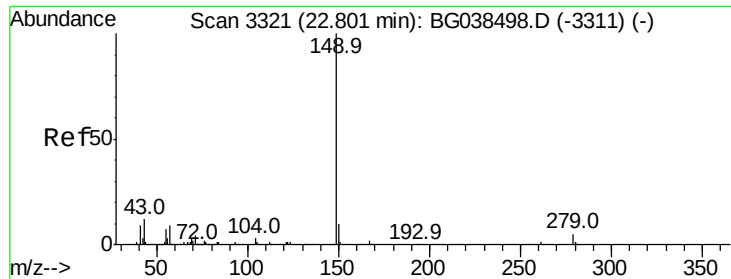


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

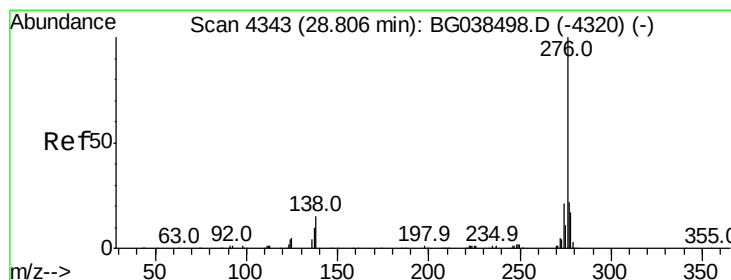
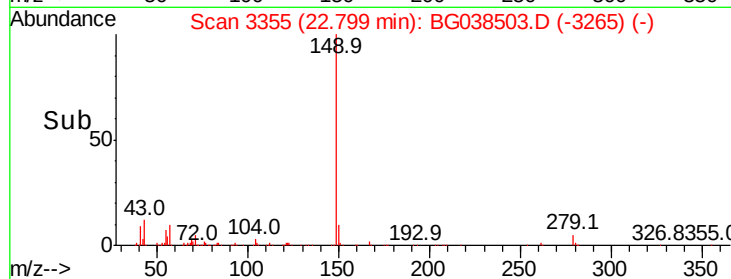
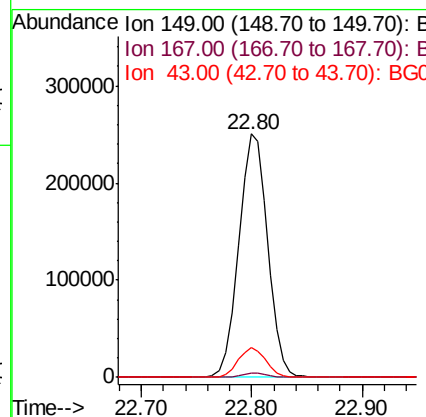
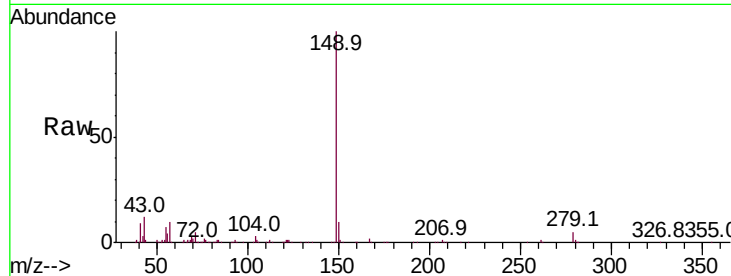




#85
Di-n-octyl phthalate
Concen: 41.465 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

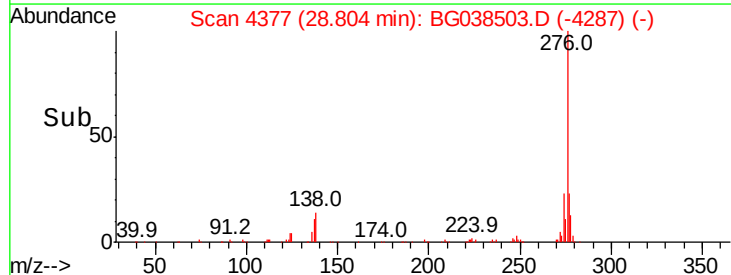
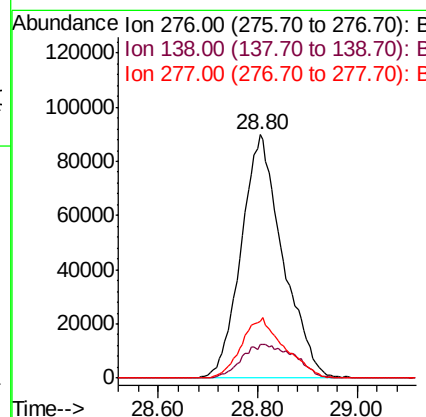
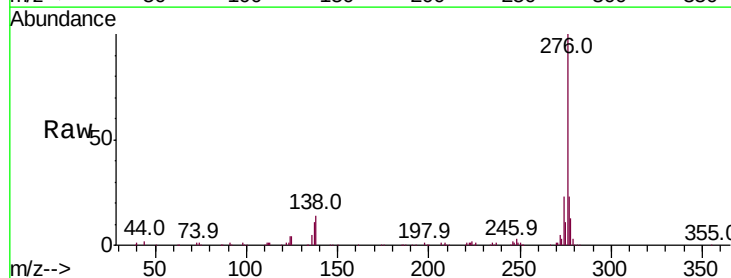
Instrument :
BNA_G
ClientSampleId :
ICVBG121218

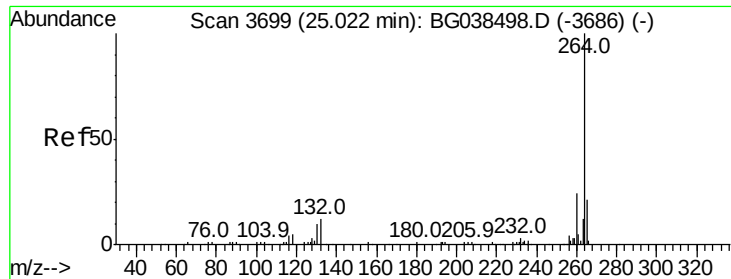
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.0	9.3	13.9



#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#



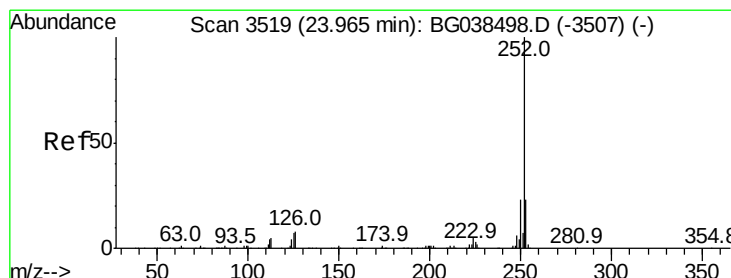
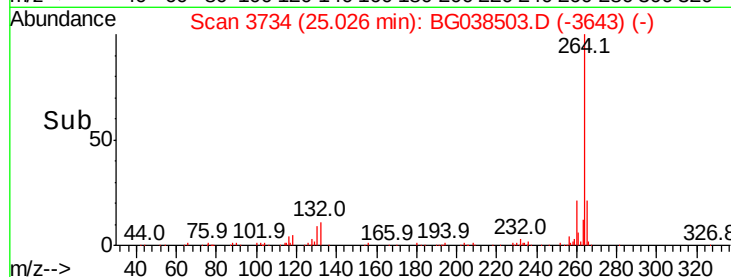
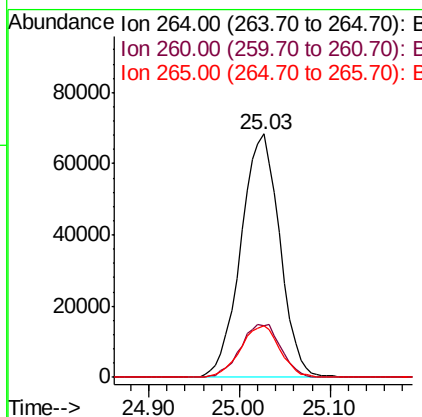
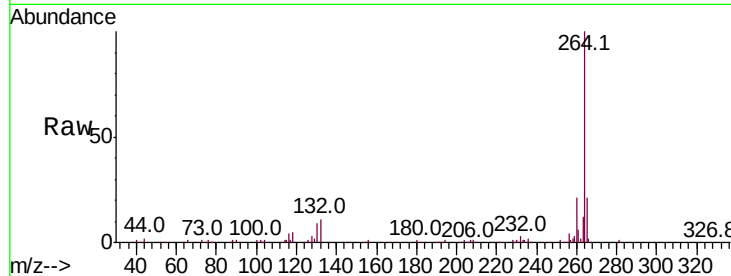


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

Instrument :
BNA_G
ClientSampleId :
ICVBG121218

Tot Ion:264 Resp: 203401

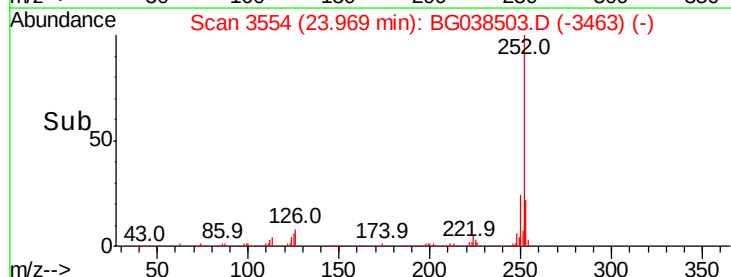
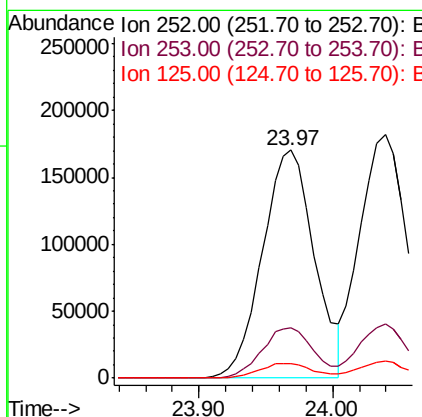
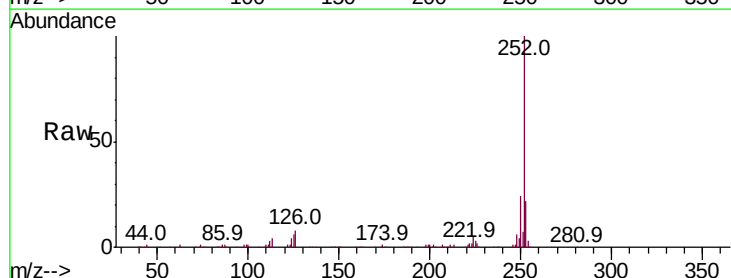
Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.9	28.3
265	21.0	17.0	25.4

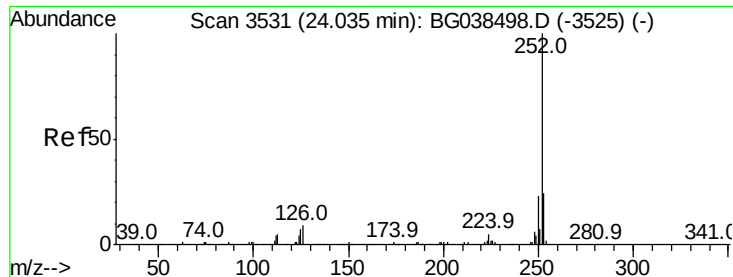


#88
Benzo(b)fluoranthene
Concen: 41.186 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG038503.D
Acq: 12 Dec 2018 17:28

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 :

ICVBG121218

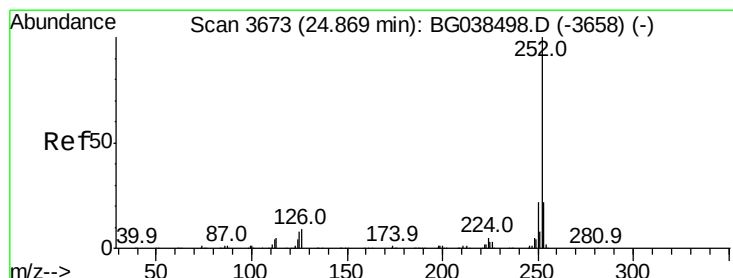
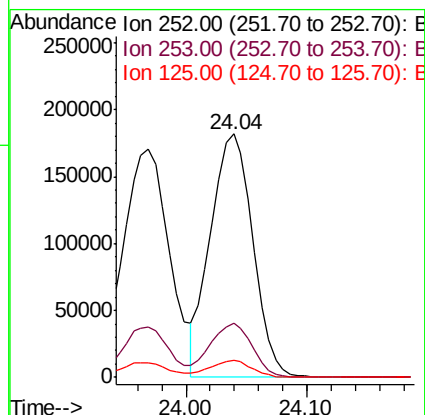
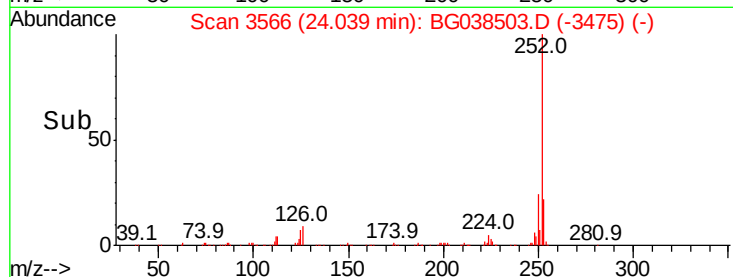
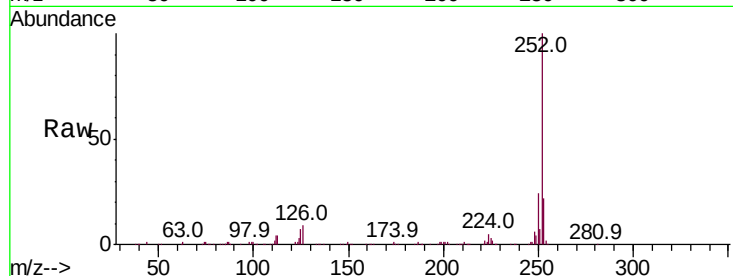
Tot Ion:252 Resp: 441673

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

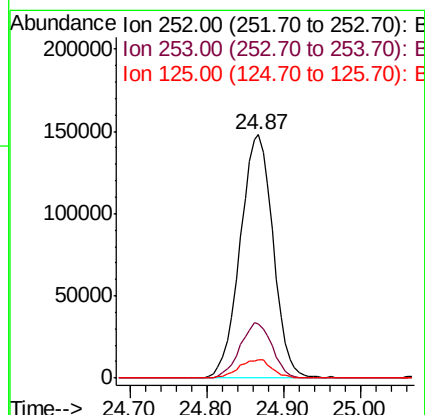
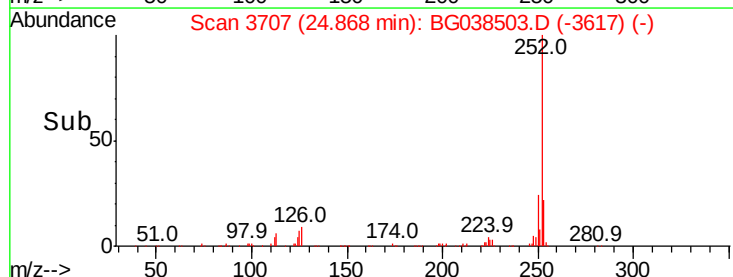
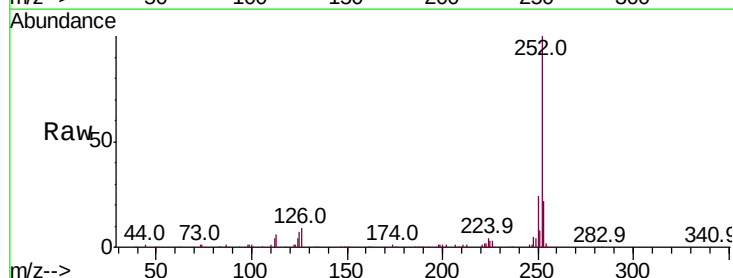
Tgt Ion:252 Resp: 442190

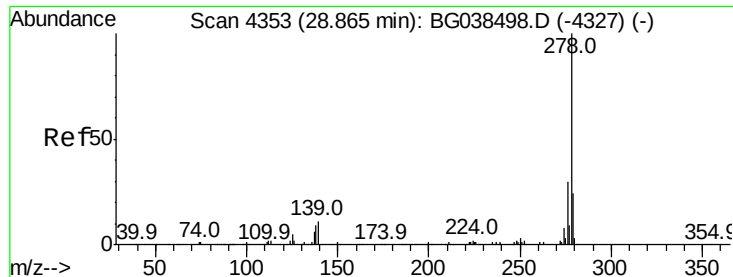
Ion Ratio Lower Upper

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 :

ICVBG121218

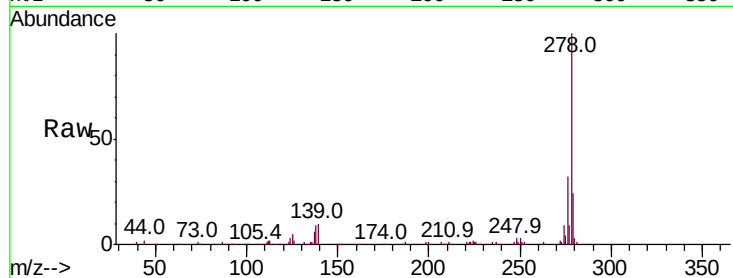
Tot Ion:278 Resp: 433162

Ion Ratio Lower Upper

278 100

139 10.2 8.6 12.8

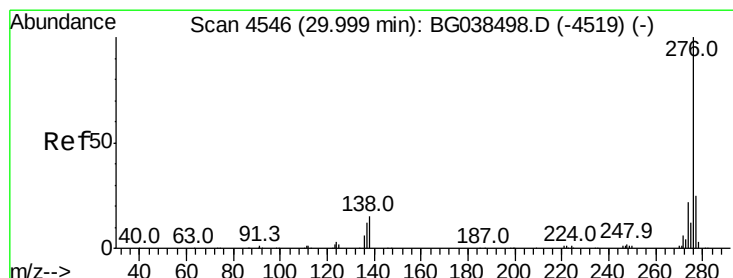
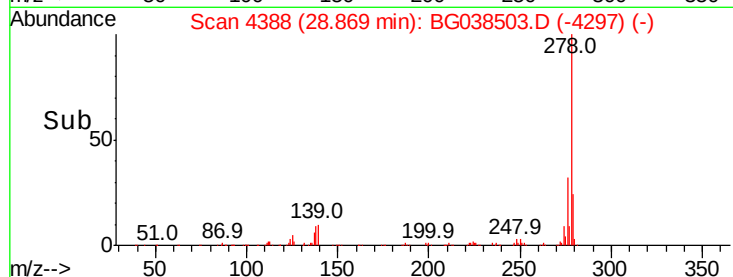
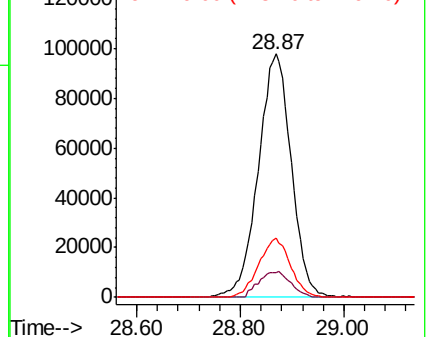
279 24.2 19.0 28.6



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

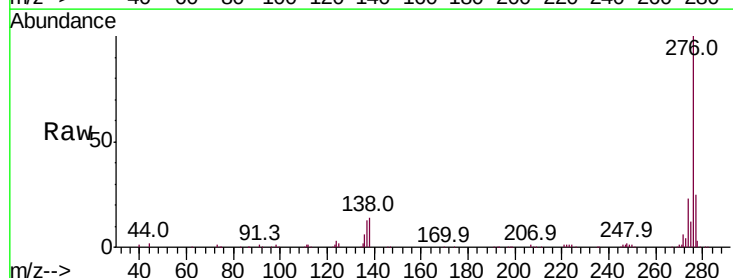
Tgt Ion:276 Resp: 423919

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

