

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038897.D
 Acq On : 2 Jan 2019 18:17
 Operator : JU/SJ
 Sample : PB116088BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Quant Time: Jan 03 00:17:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24478	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	98420	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	71200	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	185109	20.00	ng	0.00
76) Chrysene-d12	21.71	240	182207	20.00	ng	-0.01
87) Perylene-d12	25.00	264	185220	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	171989	124.62	ng	0.00
7) Phenol-d6	7.21	99	237068	125.13	ng	0.00
23) Nitrobenzene-d5	9.23	82	119459	62.01	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	142916	145.64	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	333651	64.29	ng	-0.01
79) Terphenyl-d14	20.03	244	692428	82.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	30853	48.035	ng	98
3) Pyridine	3.88	79	59434	33.608	ng	98
4) n-Nitrosodimethylamine	3.81	42	34724	40.074	ng	# 96
6) Aniline	7.38	93	72190	29.848	ng	98
8) 2-Chlorophenol	7.61	128	72189	45.201	ng	96
9) Benzaldehyde	7.19	77	16540	13.458	ng	89
10) Phenol	7.24	94	93187	46.297	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	59613	37.199	ng	93
12) 1,3-Dichlorobenzene	7.93	146	76224	40.365	ng	98
13) 1,4-Dichlorobenzene	8.08	146	78763	40.726	ng	97
14) 1,2-Dichlorobenzene	8.40	146	76099	41.738	ng	97
15) Benzyl Alcohol	8.29	79	64886	43.877	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	118971	32.409	ng	97
17) 2-Methylphenol	8.49	107	63076	46.773	ng	97
18) Hexachloroethane	9.12	117	28130	39.804	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	50375	37.857	ng	95
20) 3+4-Methylphenols	8.82	107	87595	47.033	ng	96
22) Acetophenone	8.88	105	103886	42.259	ng	# 94
24) Nitrobenzene	9.27	77	76947	39.482	ng	96
25) Isophorone	9.78	82	147610	42.645	ng	# 97
26) 2-Nitrophenol	9.98	139	44437	44.549	ng	91
27) 2,4-Dimethylphenol	10.03	122	73291	51.268	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	83791	42.896	ng	98
29) 2,4-Dichlorophenol	10.51	162	85530	53.780	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	84873	44.181	ng	95
31) Naphthalene	10.91	128	224433	46.282	ng	98
32) Benzoic acid	10.13	122	6738	16.013	ng	# 86
33) 4-Chloroaniline	11.03	127	65633	31.175	ng	99
34) Hexachlorobutadiene	11.17	225	55978	43.065	ng	94
35) Caprolactam	11.82	113	29316	44.542	ng	# 81
36) 4-Chloro-3-methylphenol	12.15	107	88489	48.757	ng	94
37) 2-Methylnaphthalene	12.52	142	172838	49.960	ng	98
38) 1-Methylnaphthalene	12.73	142	163536	48.714	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	108305	40.694	ng	99

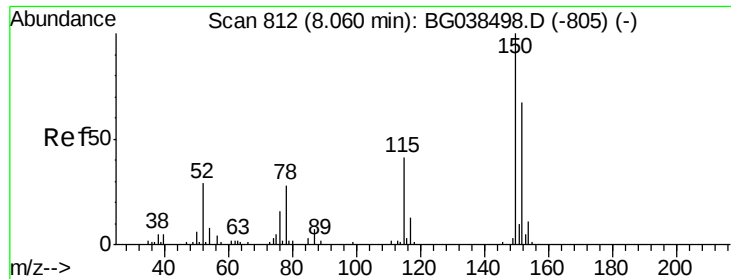
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038897.D
 Acq On : 2 Jan 2019 18:17
 Operator : JU/SJ
 Sample : PB116088BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Quant Time: Jan 03 00:17:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	126196	86.307	ng	93
43) 2,4,6-Trichlorophenol	13.12	196	82836	50.620	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	89612	51.721	ng	96
46) 1,1'-Biphenyl	13.52	154	233238	39.076	ng	98
47) 2-Chloronaphthalene	13.57	162	190071	41.225	ng	96
48) 2-Nitroaniline	13.78	65	59284	40.368	ng	91
49) Acenaphthylene	14.41	152	313102	45.425	ng	99
50) Dimethylphthalate	14.13	163	255504	43.943	ng	99
51) 2,6-Dinitrotoluene	14.27	165	57734	43.816	ng	93
52) Acenaphthene	14.75	154	177289	43.015	ng	98
53) 3-Nitroaniline	14.61	138	43270	32.214	ng	94
54) 2,4-Dinitrophenol	14.81	184	40233	53.175	ng	96
55) Dibenzofuran	15.09	168	308618	43.682	ng	99
56) 4-Nitrophenol	14.92	139	86351	84.743	ng	99
57) 2,4-Dinitrotoluene	15.06	165	83469	44.976	ng	94
58) Fluorene	15.73	166	251506	48.049	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	84818	54.413	ng	96
60) Diethylphthalate	15.49	149	268305	42.034	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	141923	43.456	ng	96
62) 4-Nitroaniline	15.77	138	60707	43.901	ng	95
63) Azobenzene	16.01	77	212046	39.767	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	45350	34.344	ng	89
66) n-Nitrosodiphenylamine	15.94	169	232499	42.747	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	97576	43.162	ng	93
68) Hexachlorobenzene	16.73	284	104955	44.786	ng	97
69) Atrazine	16.88	200	95232	47.181	ng	94
70) Pentachlorophenol	17.08	266	88563	63.892	ng	98
71) Phenanthrene	17.48	178	432759	45.083	ng	98
72) Anthracene	17.57	178	440639	46.499	ng	99
73) Carbazole	17.85	167	387285	41.324	ng	100
74) Di-n-butylphthalate	18.37	149	452396	42.068	ng	99
75) Fluoranthene	19.49	202	532916	44.870	ng	98
77) Benzidine	19.67	184	222366	41.266	ng	99
78) Pyrene	19.85	202	526966	43.778	ng	99
80) Butylbenzylphthalate	20.71	149	197571	42.012	ng	97
81) Benzo(a)anthracene	21.69	228	505338	45.515	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	129590	29.429	ng	100
83) Chrysene	21.76	228	466707	43.641	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	276354	41.434	ng	98
85) Di-n-octyl phthalate	22.78	149	467823	41.881	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	568233	45.196	ng	# 80
88) Benzo(b)fluoranthene	23.95	252	496457	48.819	ng	99
89) Benzo(k)fluoranthene	23.95	252	496457	49.026	ng	99
90) Benzo(a)pyrene	24.85	252	485679	49.505	ng	97
91) Dibenzo(a,h)anthracene	28.85	278	475492	48.677	ng	98
92) Benzo(g,h,i)perylene	29.97	276	471905	49.020	ng	96

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

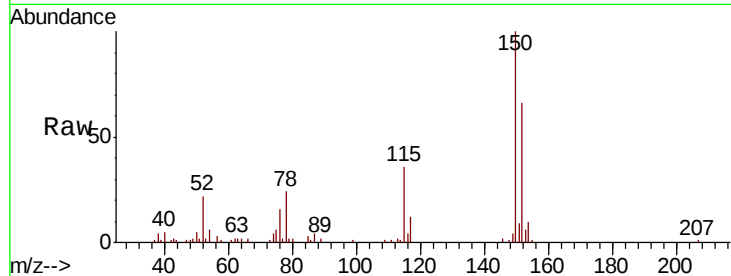


#1

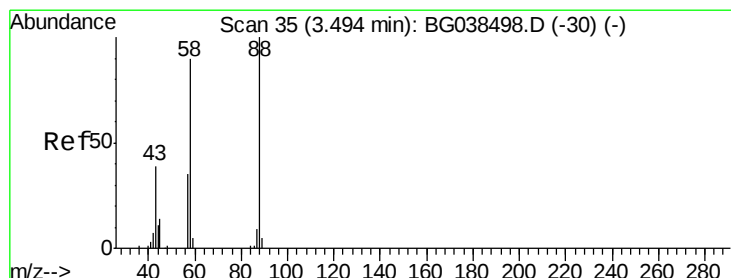
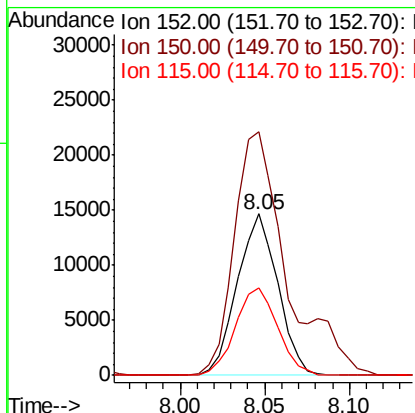
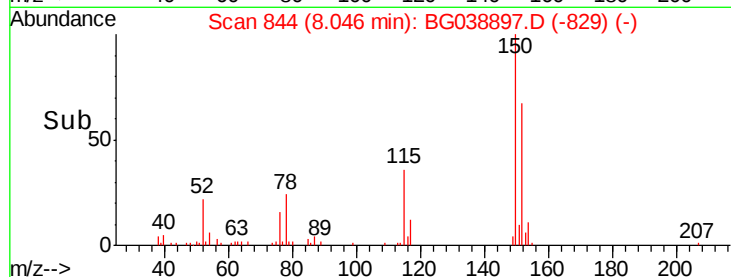
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion:152 Resp: 24478
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 53.8 49.6 74.4



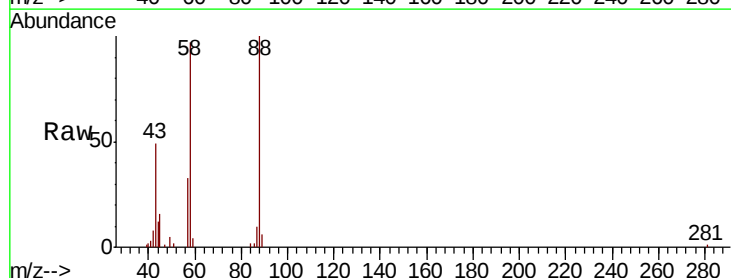
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



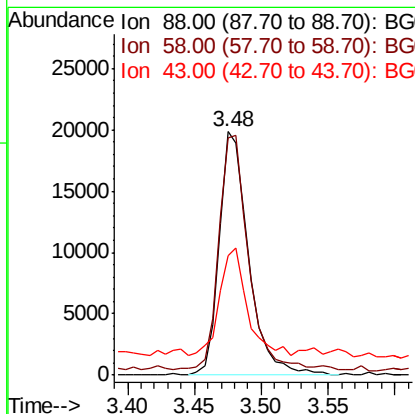
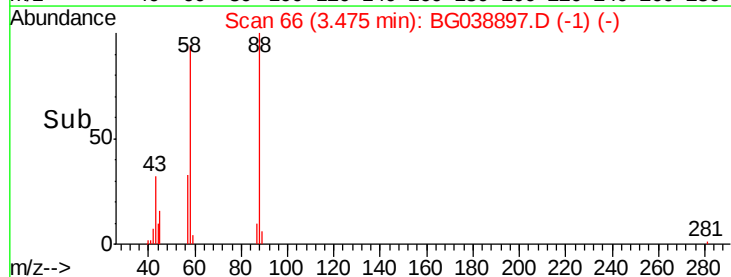
#2

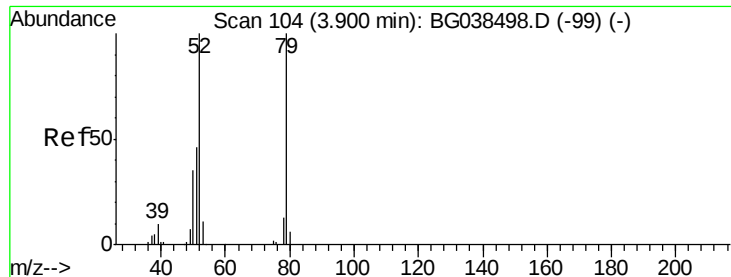
1,4-Dioxane
Concen: 48.035 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion: 88 Resp: 30853
Ion Ratio Lower Upper
88 100
58 96.5 75.7 113.5
43 41.0 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: 33.608 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

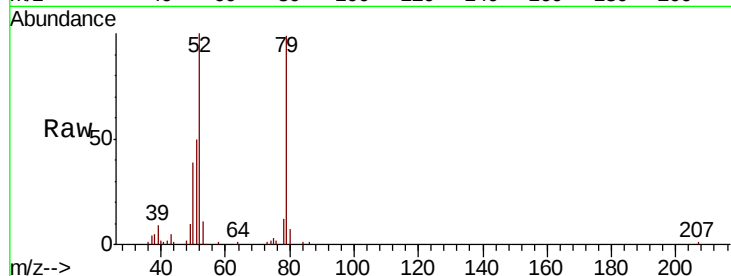
Tot Ion: 79 Resp: 59434

Ion Ratio Lower Upper

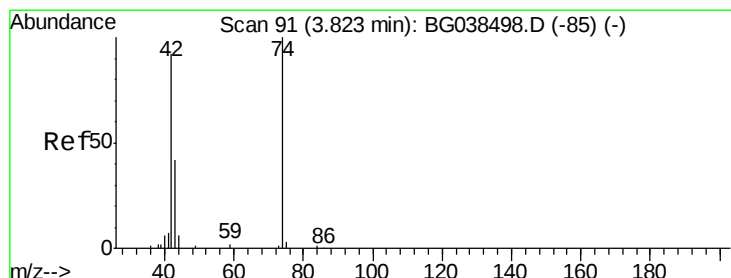
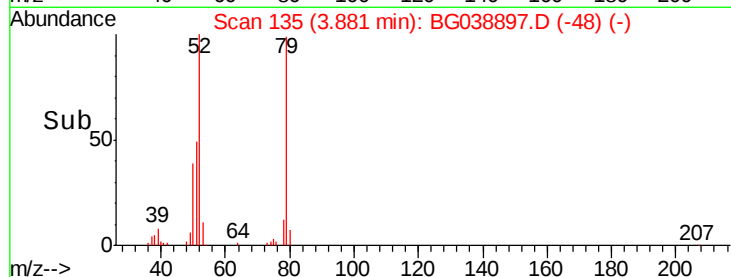
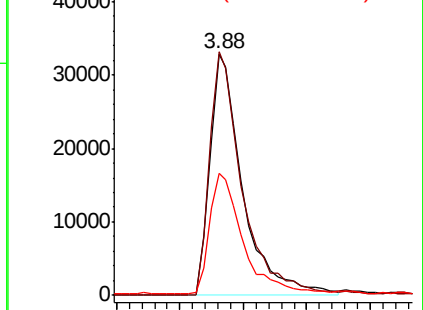
79 100

52 100.8 80.2 120.2

51 50.7 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 40.074 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

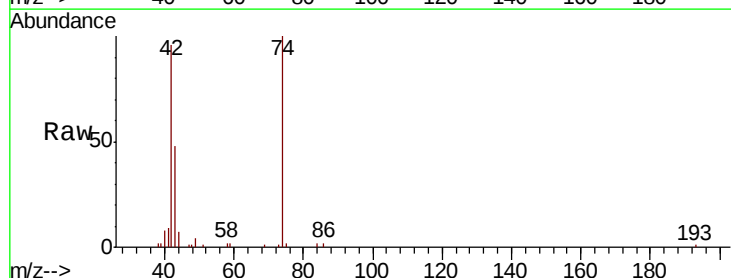
Tgt Ion: 42 Resp: 34724

Ion Ratio Lower Upper

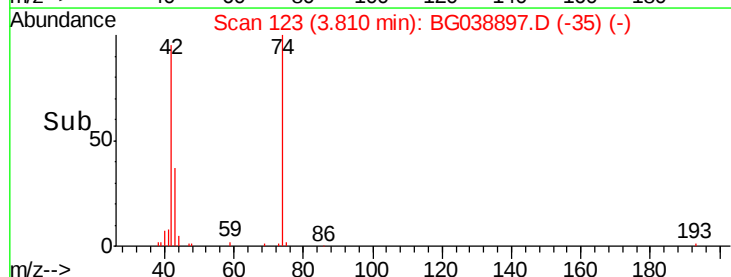
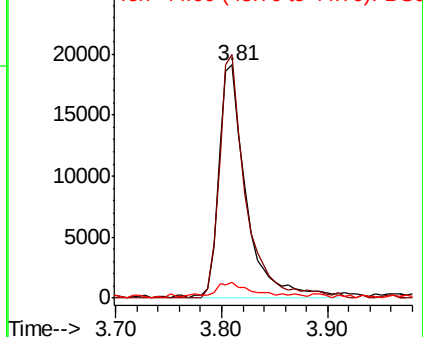
42 100

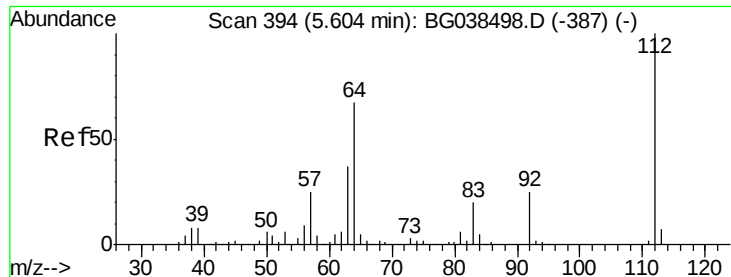
74 104.3 86.7 130.1

44 6.8 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 124.622 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

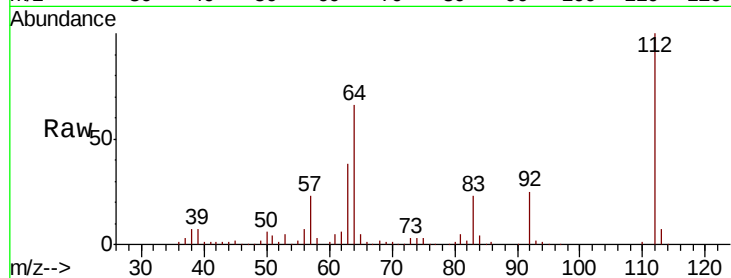
Tot Ion: 112 Resp: 171989

Ion Ratio Lower Upper

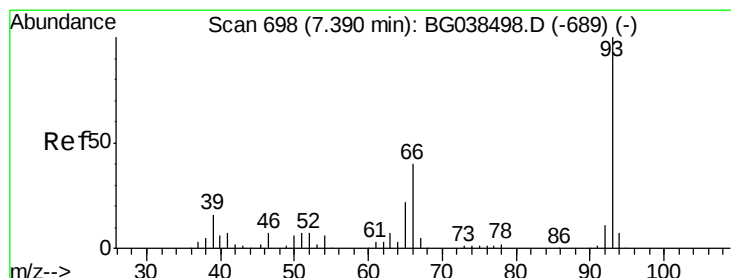
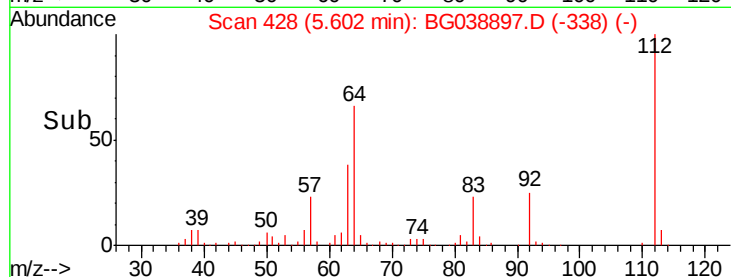
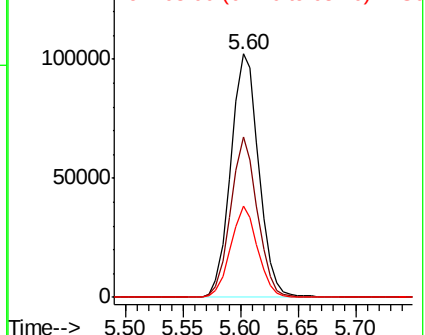
112 100

64 65.9 53.4 80.2

63 37.5 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: 29.848 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

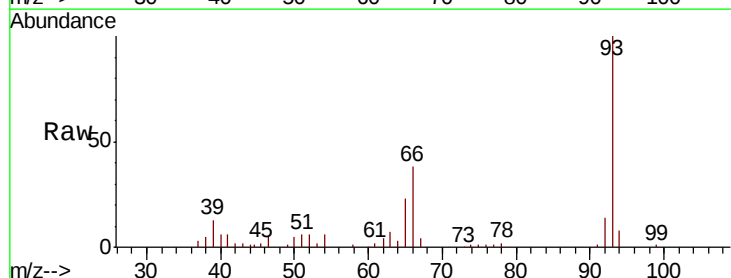
Tgt Ion: 93 Resp: 72190

Ion Ratio Lower Upper

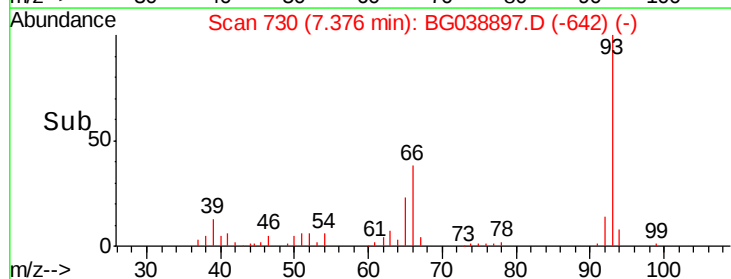
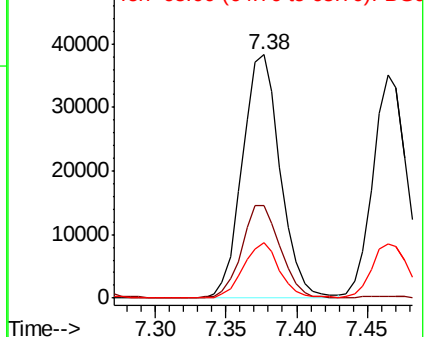
93 100

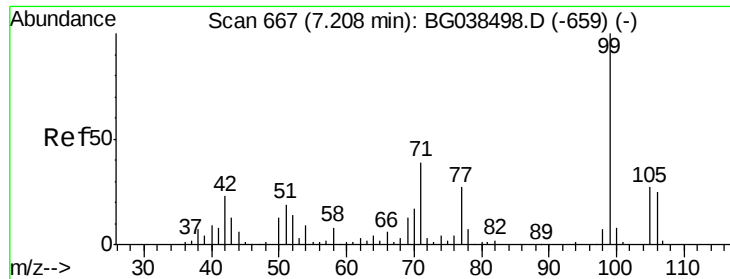
66 37.9 31.7 47.5

65 22.6 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: 125.128 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

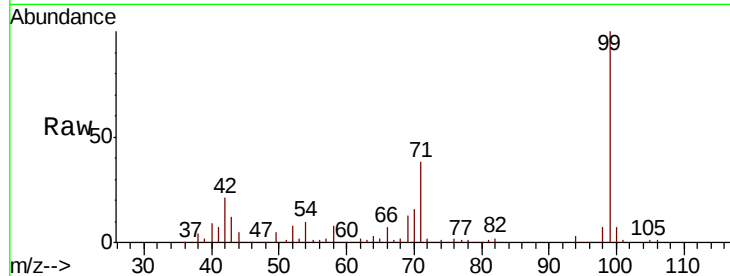
Tot Ion: 99 Resp: 237068

Ion Ratio Lower Upper

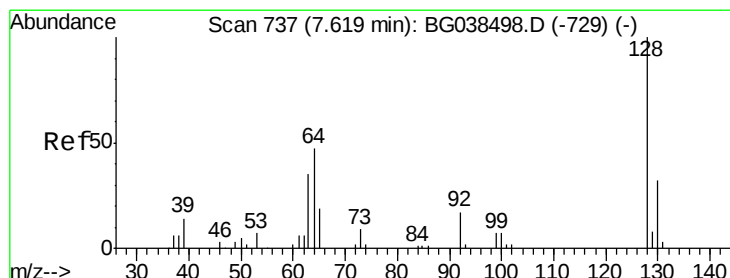
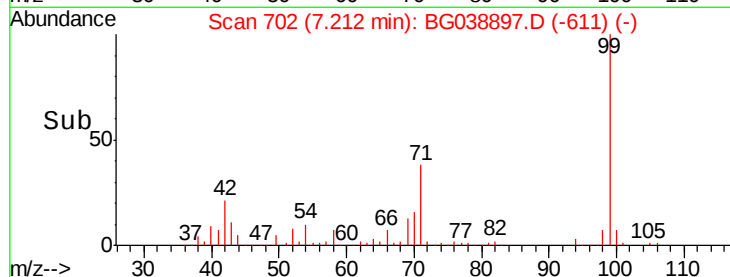
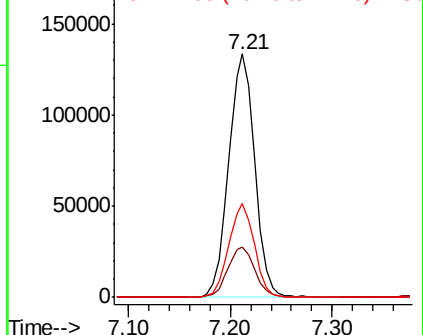
99 100

42 20.7 18.5 27.7

71 38.4 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: 45.201 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

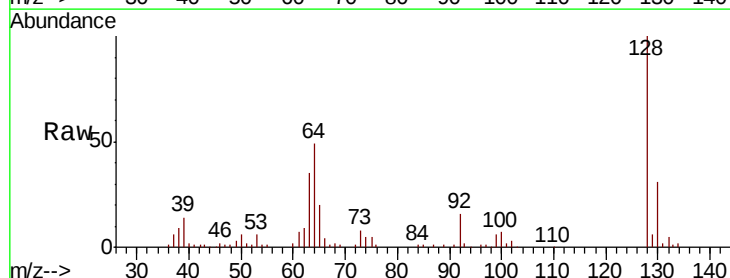
Tgt Ion:128 Resp: 72189

Ion Ratio Lower Upper

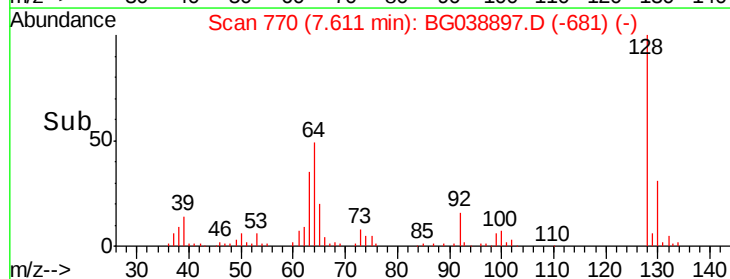
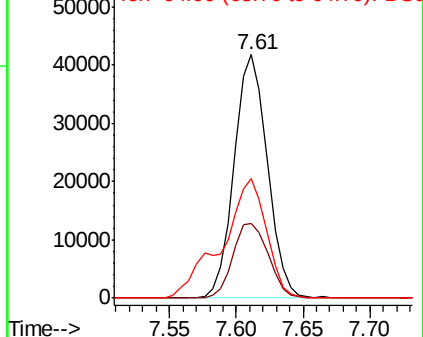
128 100

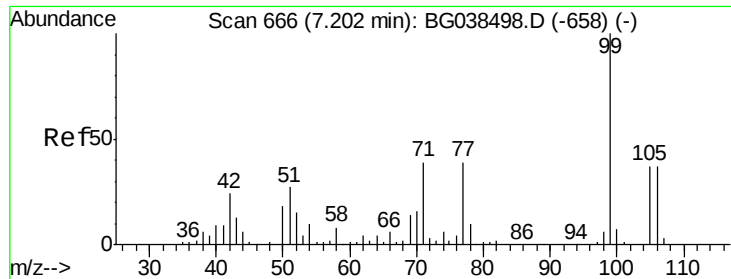
130 30.8 11.8 51.8

64 49.0 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: 13.458 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

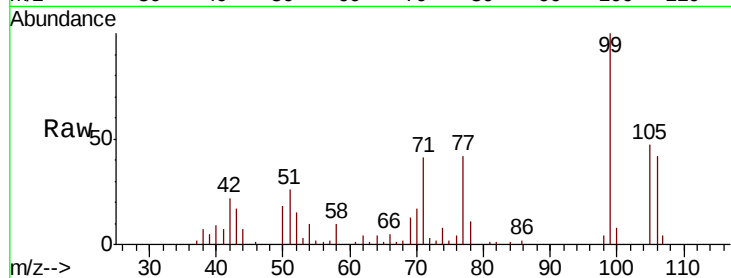
Tot Ion: 77 Resp: 16540

Ion Ratio Lower Upper

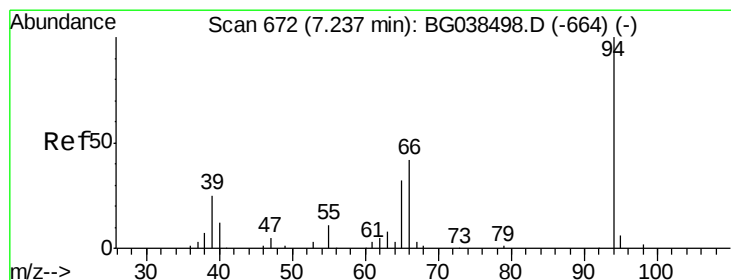
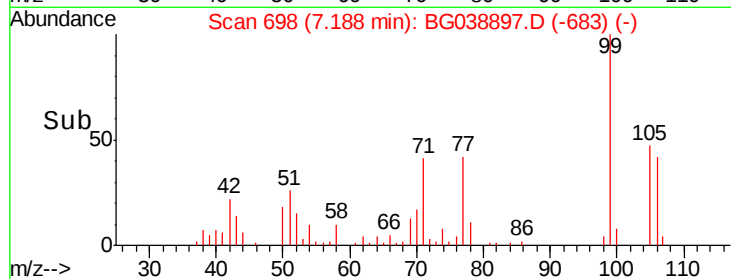
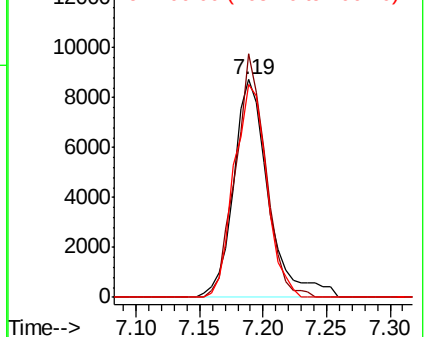
77 100

105 111.9 74.0 114.0

106 98.1 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: 46.297 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

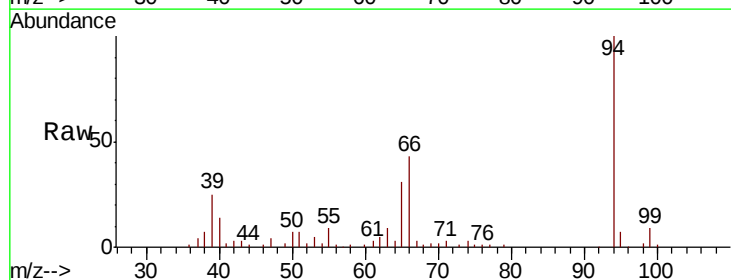
Tgt Ion: 94 Resp: 93187

Ion Ratio Lower Upper

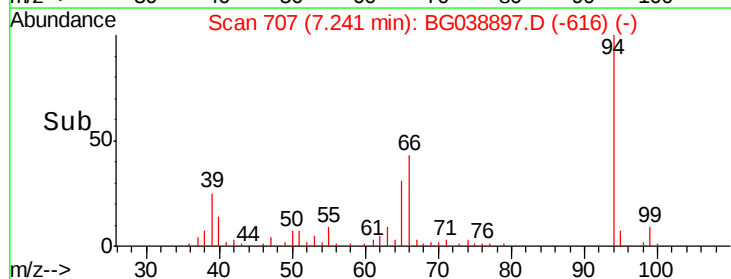
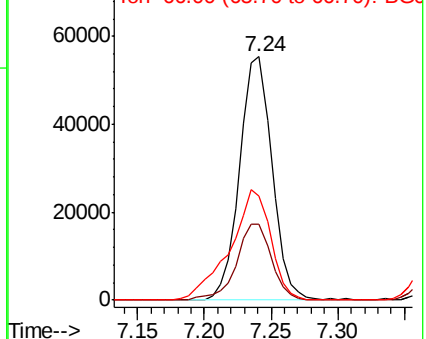
94 100

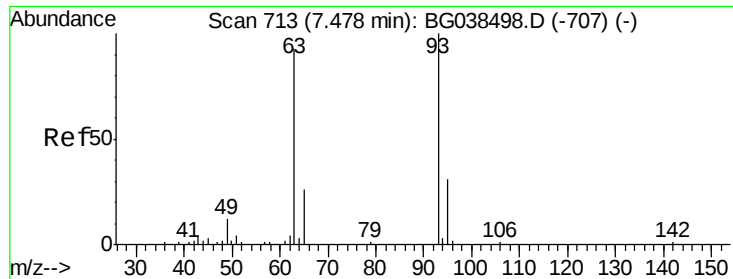
65 31.4 12.6 52.6

66 42.5 24.1 64.1



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

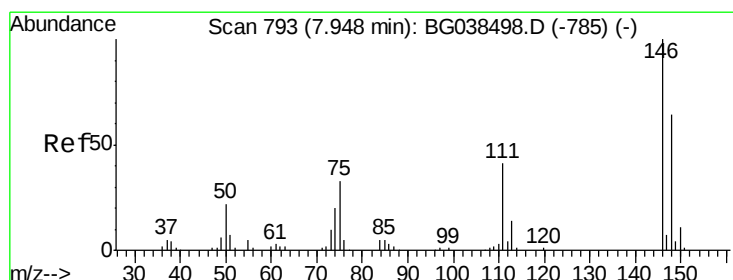
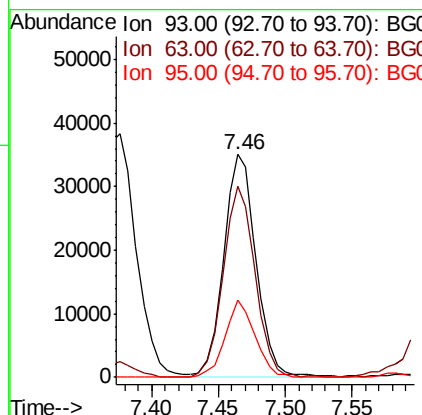
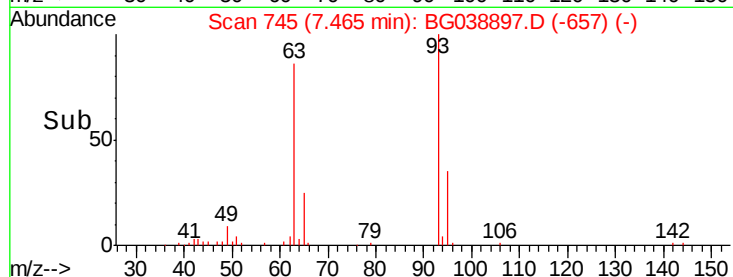
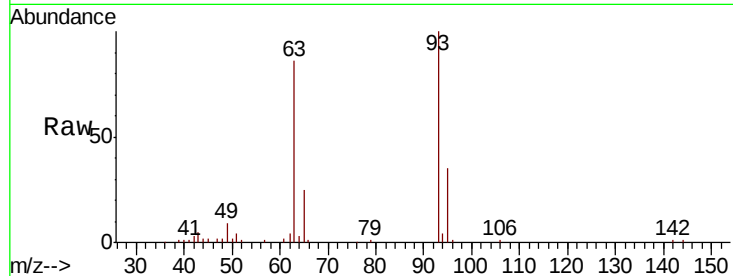




#11
bis(2-Chloroethyl)ether
Concen: 37.199 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

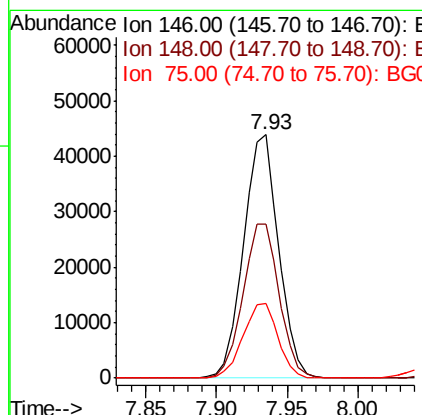
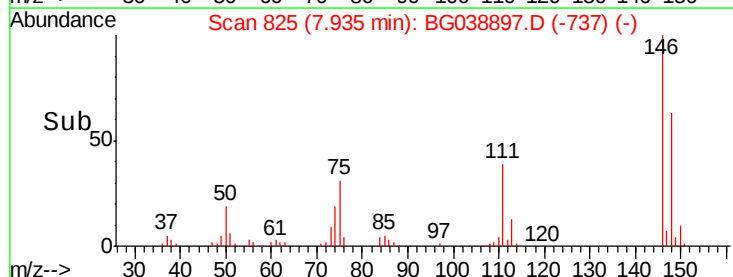
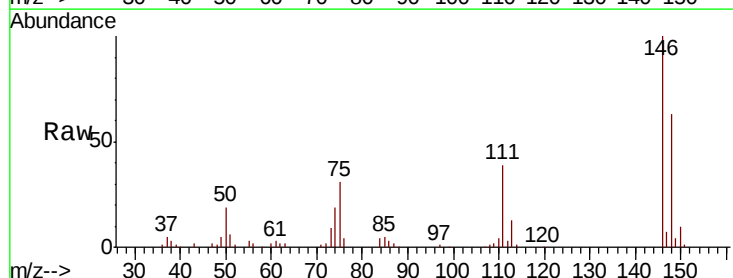
Instrument :
BNA_G
ClientSampleId :
PB116088BS

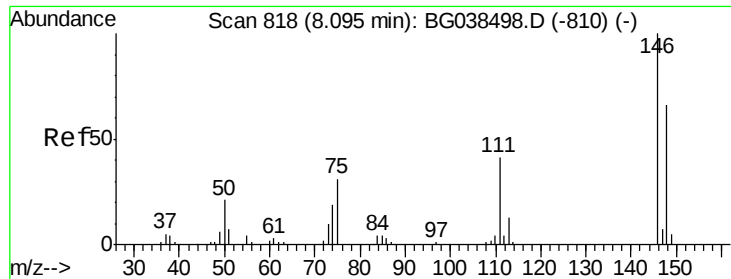
Tot Ion: 93 Resp: 59613
Ion Ratio Lower Upper
93 100
63 85.7 72.2 112.2
95 34.6 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.365 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion: 146 Resp: 76224
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
75 30.8 26.1 39.1

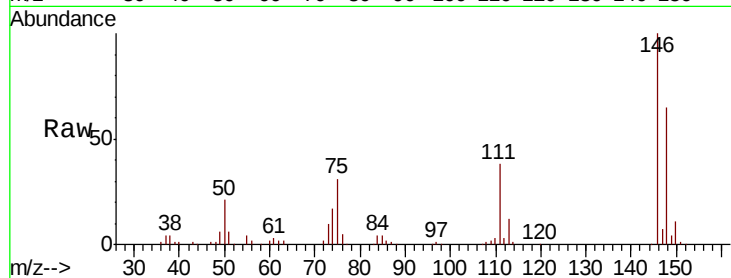




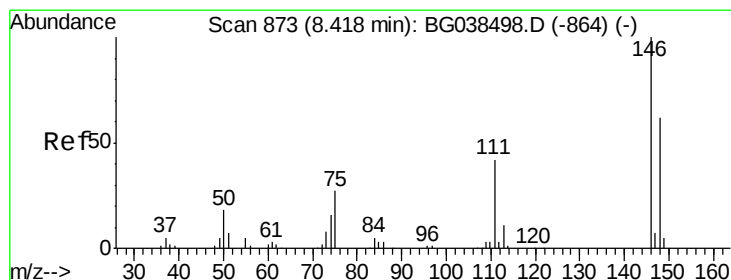
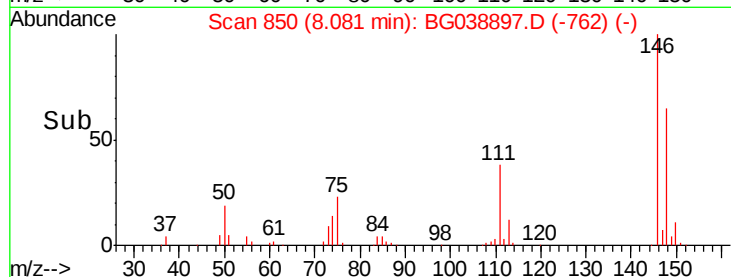
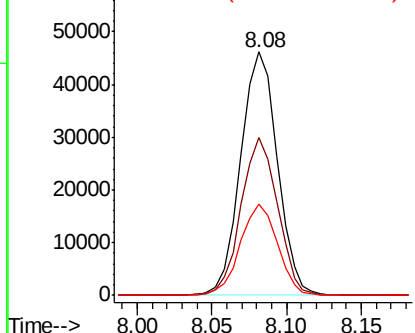
#13
 1,4-Dichlorobenzene
 Concen: 40.726 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:146 Resp: 78763
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.4 78.6
 111 37.7 33.0 49.4

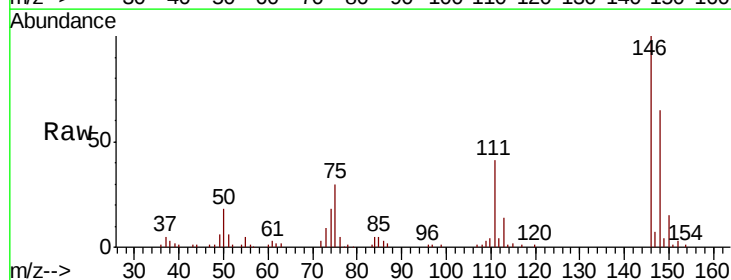


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

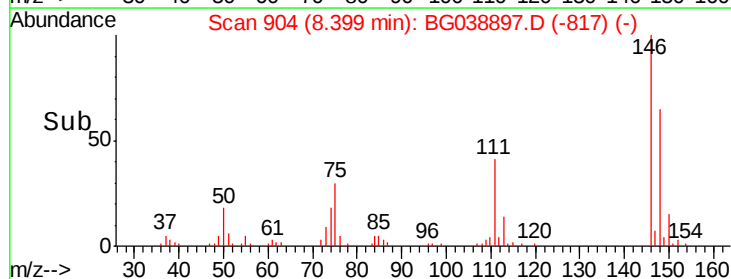
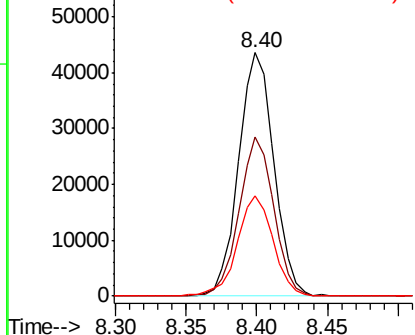


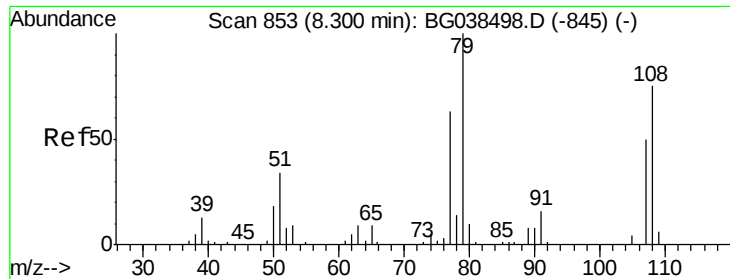
#14
 1,2-Dichlorobenzene
 Concen: 41.738 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:146 Resp: 76099
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.4 74.0
 111 41.1 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: 43.877 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

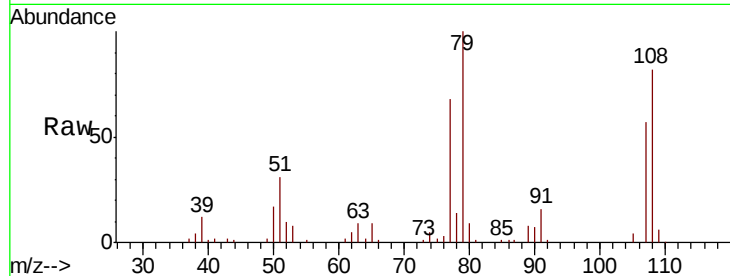
Tot Ion: 79 Resp: 64886

Ion Ratio Lower Upper

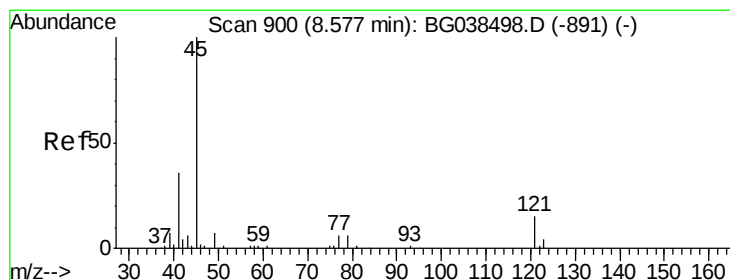
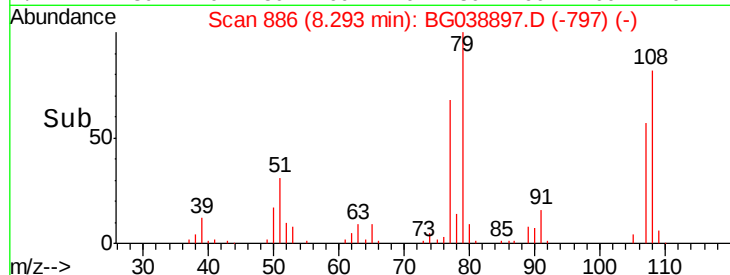
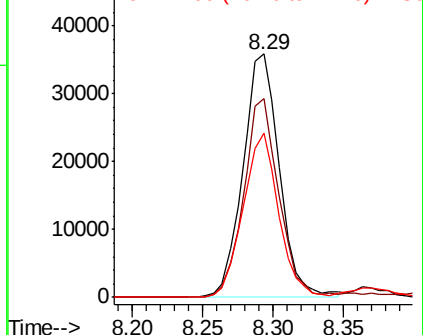
79 100

108 81.6 60.2 90.4

77 67.5 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: 32.409 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

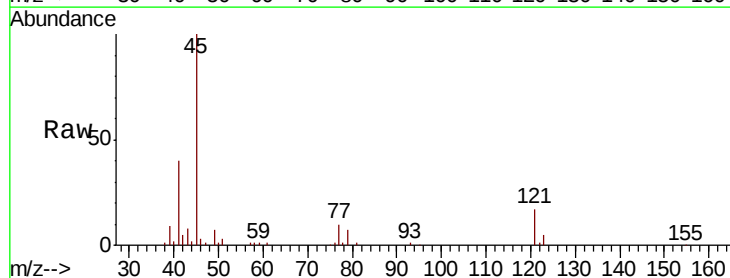
Tgt Ion: 45 Resp: 118971

Ion Ratio Lower Upper

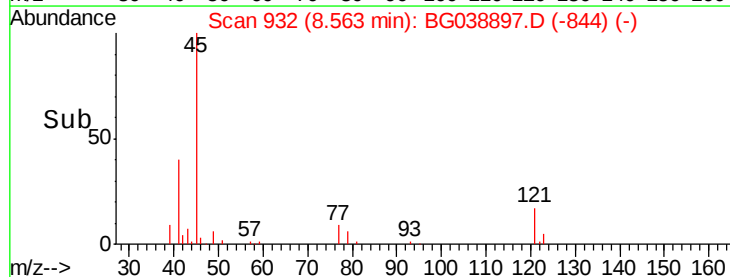
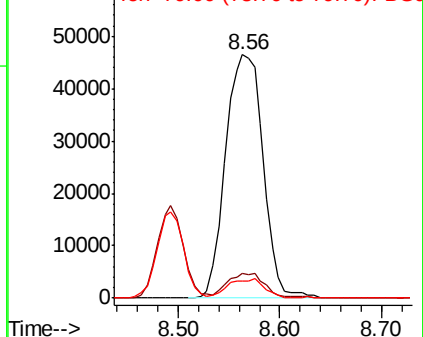
45 100

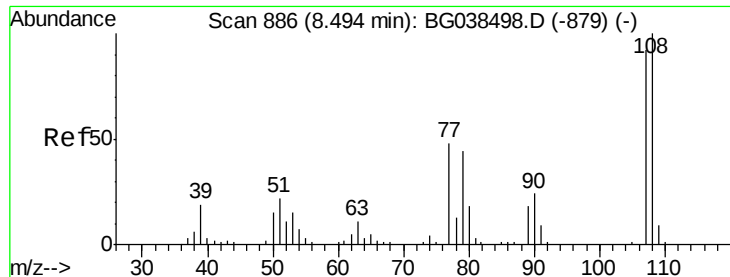
77 10.0 0.0 28.2

79 6.8 0.0 27.2



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

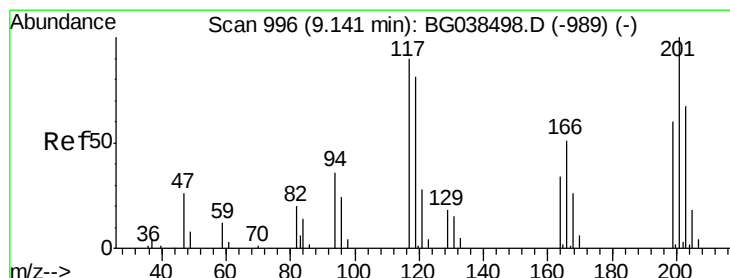
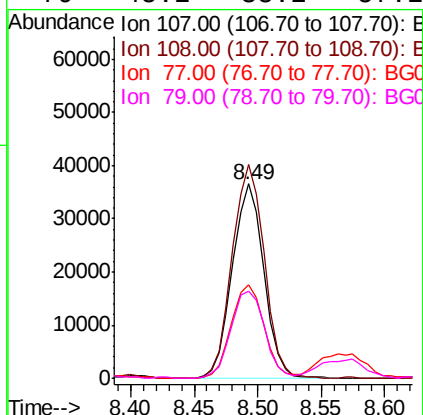
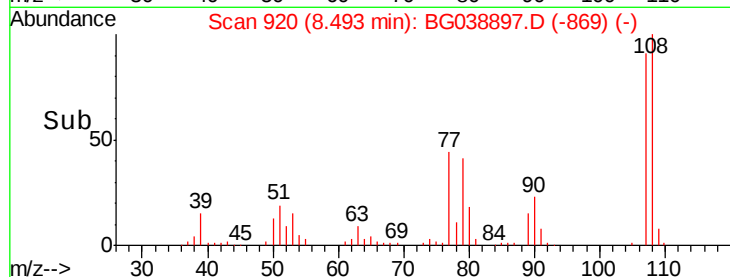
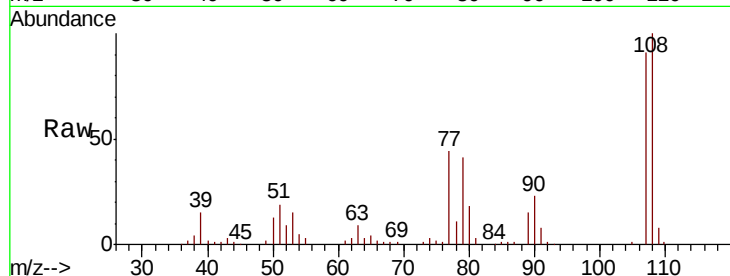




#17
2-Methylphenol
Concen: 46.773 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

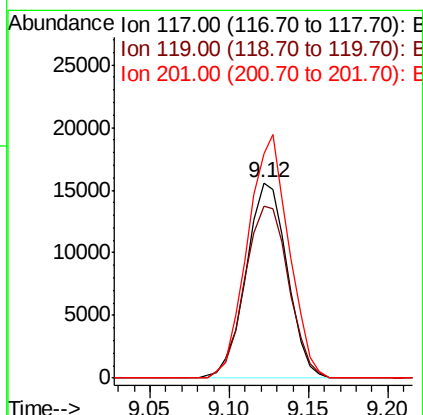
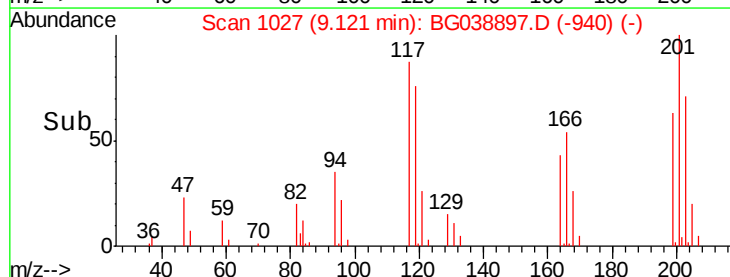
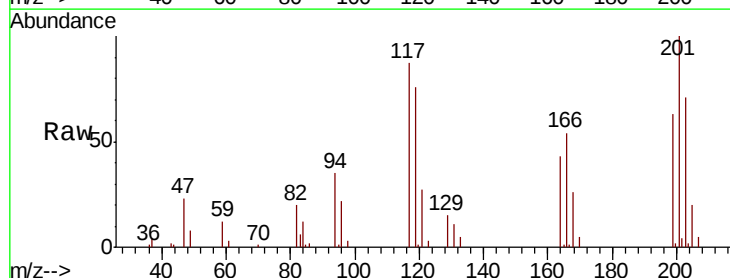
Instrument :
BNA_G
ClientSampleId :
PB116088BS

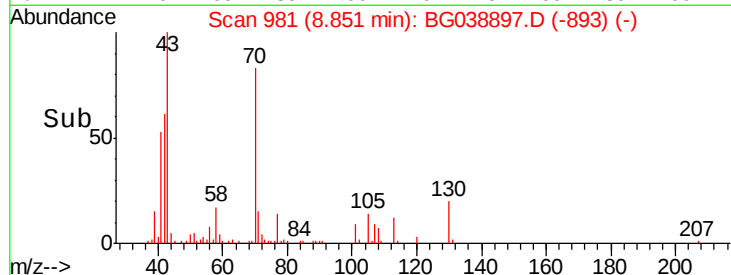
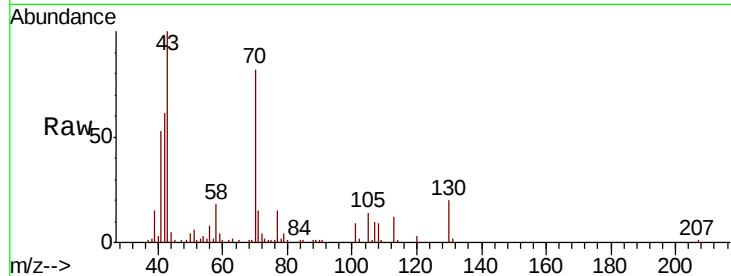
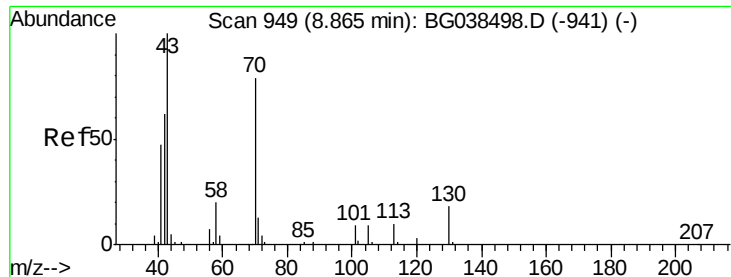
Tot Ion:	107	Resp:	63076
Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.1	130.7
77	48.3	42.0	63.0
79	45.2	38.2	57.2



#18
Hexachloroethane
Concen: 39.804 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:	117	Resp:	28130
Ion	Ratio	Lower	Upper
117	100		
119	87.8	73.8	110.8
201	119.4	89.4	134.0

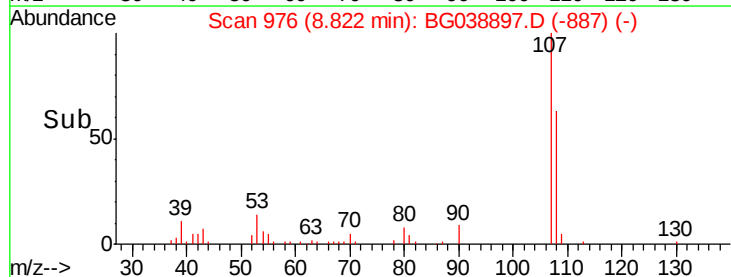
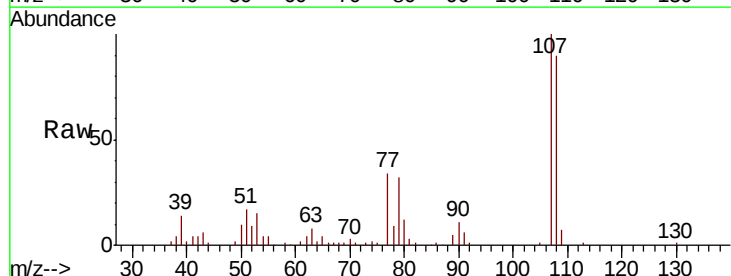
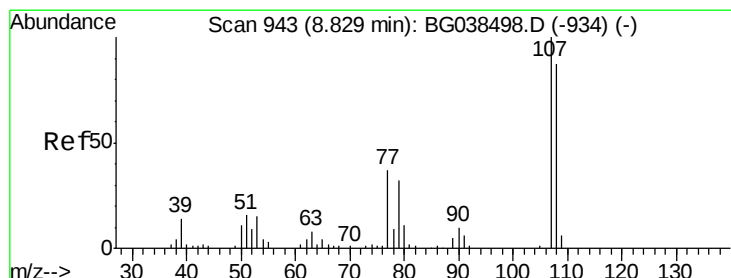
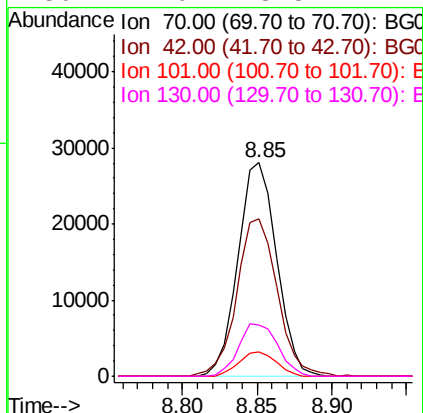




#19
n-Nitroso-di-n-propylamine
Concen: 37.857 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

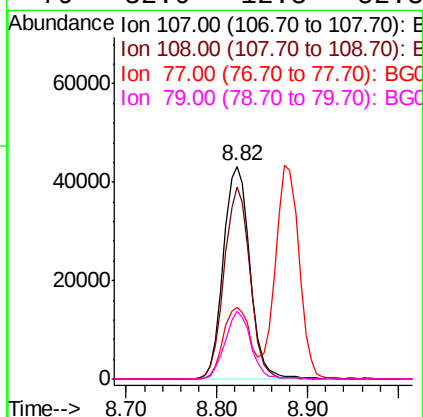
Instrument :
BNA_G
ClientSampleId :
PB116088BS

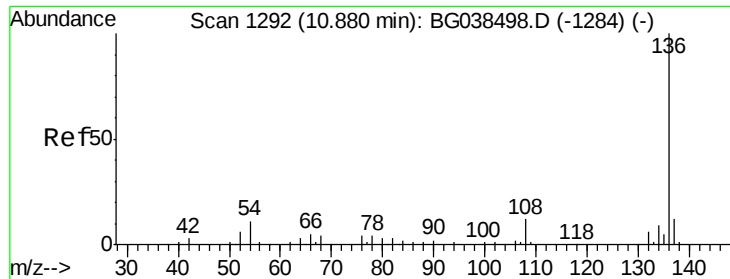
Tot Ion:	70	Resp:	50375
Ion	Ratio	Lower	Upper
70	100		
42	73.9	63.6	95.4
101	11.5	9.2	13.8
130	24.0	18.5	27.7



#20
3+4-Methylphenols
Concen: 47.033 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:	107	Resp:	87595
Ion	Ratio	Lower	Upper
107	100		
108	90.2	66.7	106.7
77	33.6	17.3	57.3
79	32.0	12.3	52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

Tot Ion:136 Resp: 98420

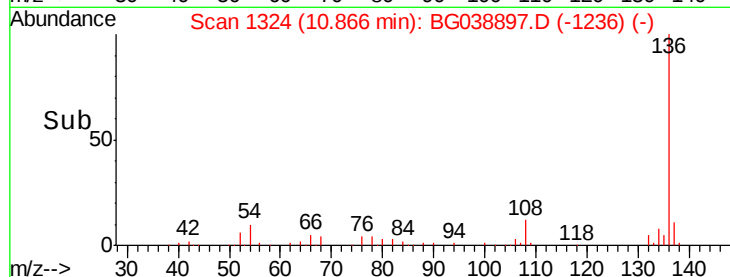
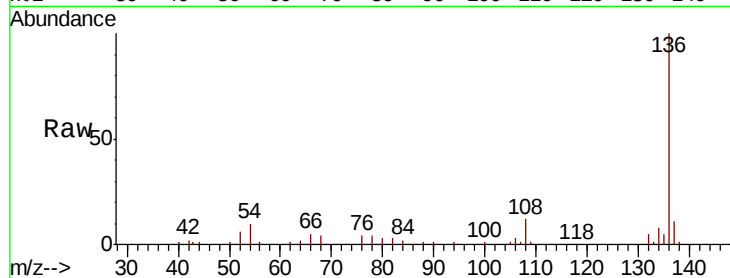
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 9.9 8.5 12.7

68 3.8 3.5 5.3

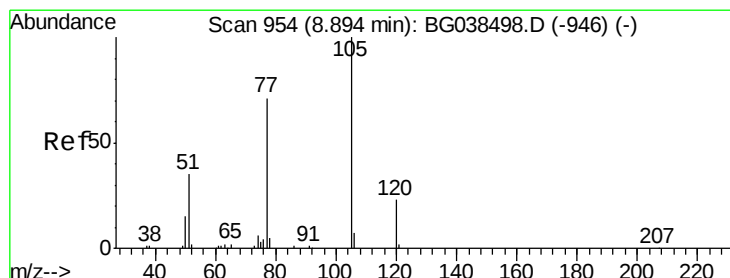
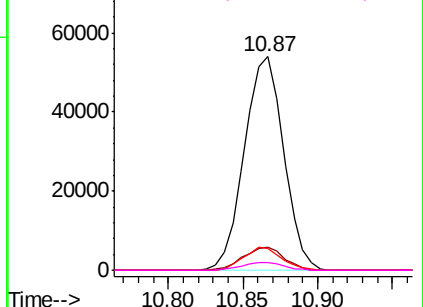


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.259 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:105 Resp: 103886

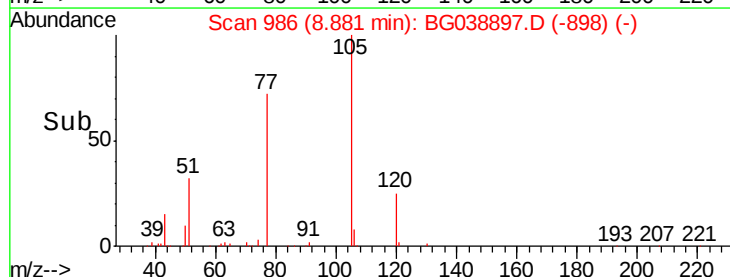
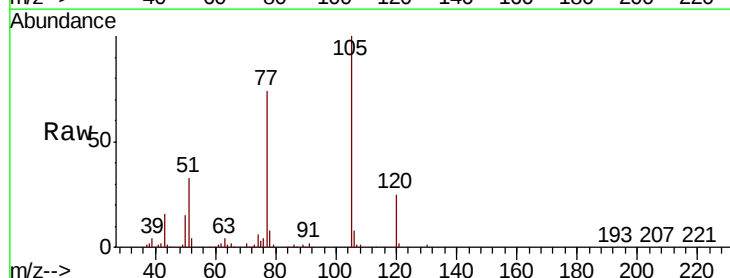
Ion Ratio Lower Upper

105 100

71 0.4 0.4 0.6#

51 32.9 30.6 46.0

120 24.5 18.6 28.0

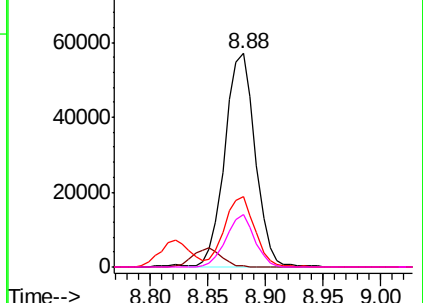


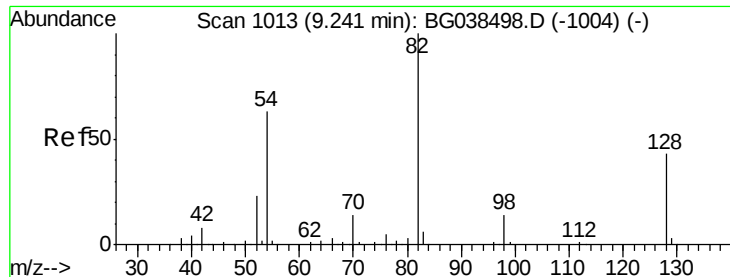
Abundance Ion 105.00 (104.70 to 105.70): E

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

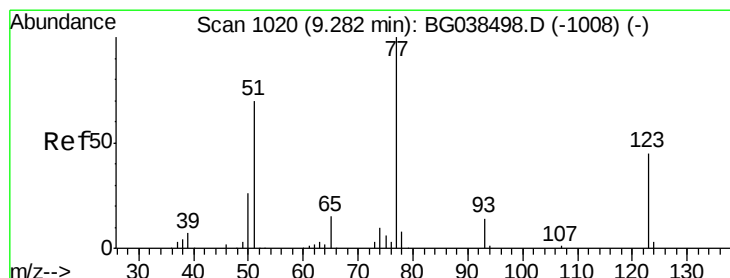
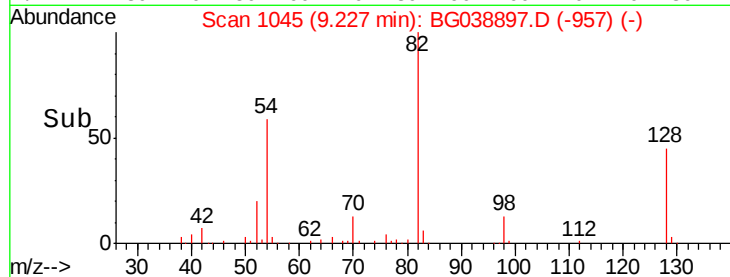
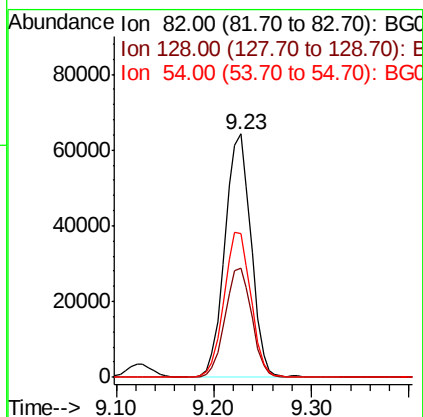
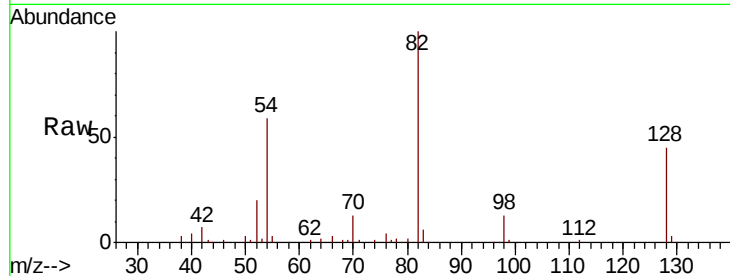




#23
 Nitrobenzene-d5
 Concen: 62.008 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

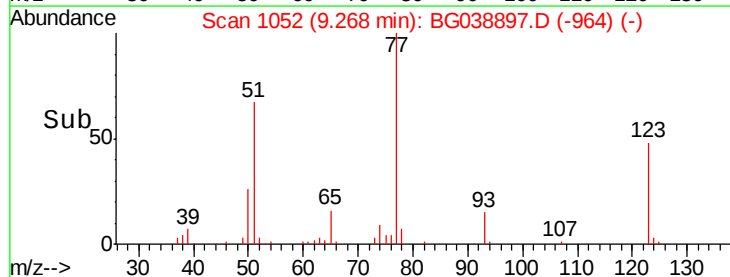
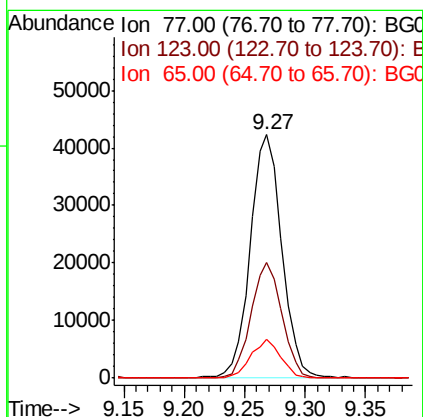
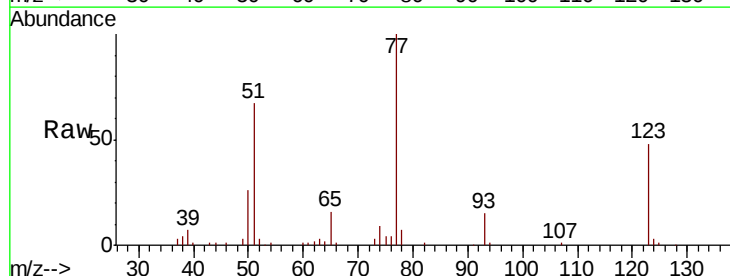
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

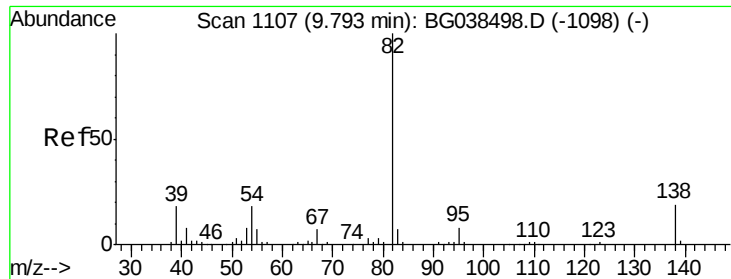
Tot Ion: 82 Resp: 119459
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 59.0 50.6 76.0



#24
 Nitrobenzene
 Concen: 39.482 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion: 77 Resp: 76947
 Ion Ratio Lower Upper
 77 100
 123 47.5 35.9 53.9
 65 16.0 12.0 18.0

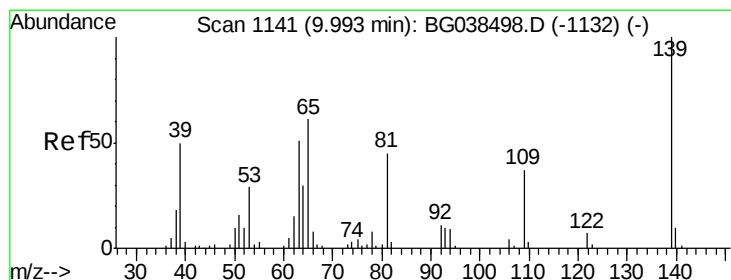
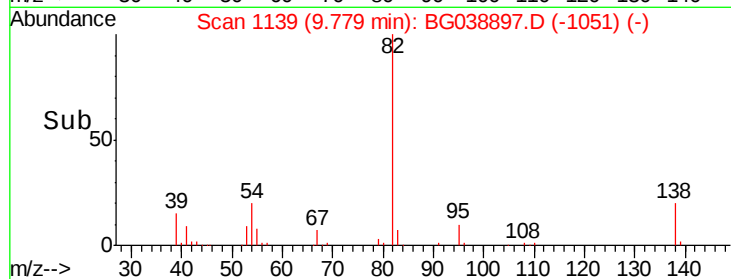
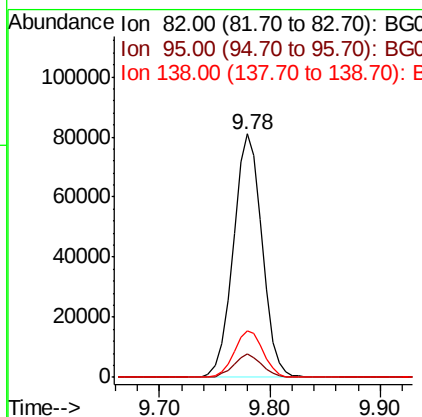
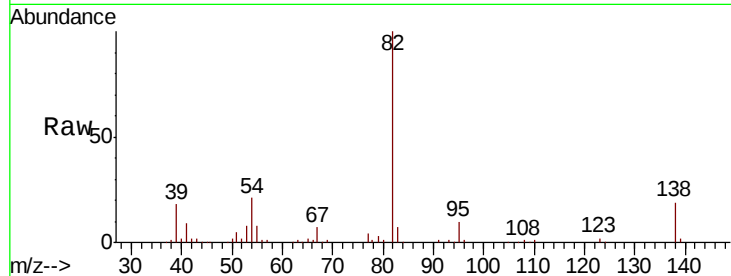




#25
Isophorone
Concen: 42.645 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

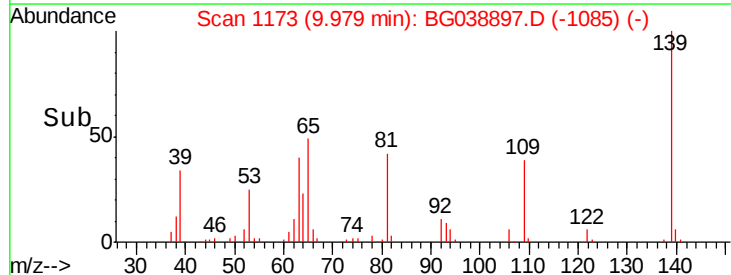
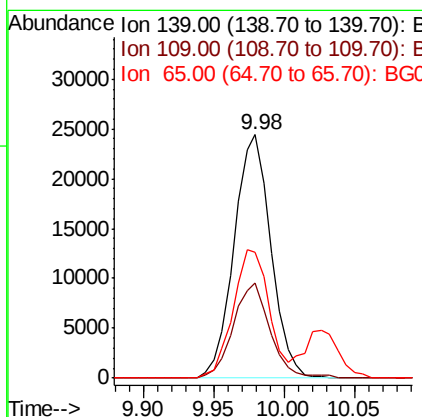
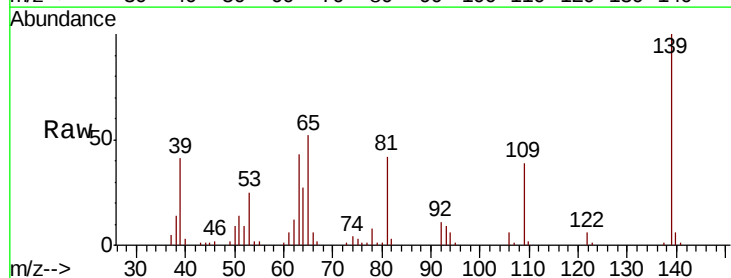
Instrument :
BNA_G
ClientSampleID :
PB116088BS

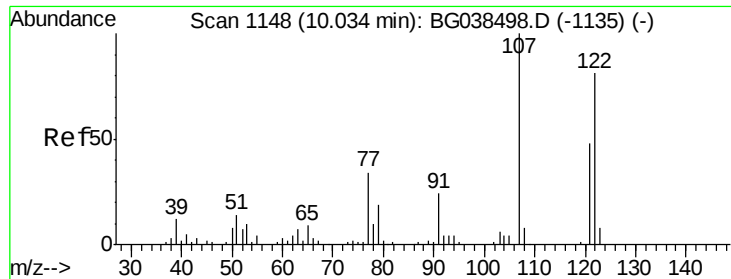
Tot Ion: 82 Resp: 147610
Ion Ratio Lower Upper
82 100
95 9.5 6.1 9.1#
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 44.549 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion: 139 Resp: 44437
Ion Ratio Lower Upper
139 100
109 38.8 29.5 44.3
65 51.6 48.5 72.7

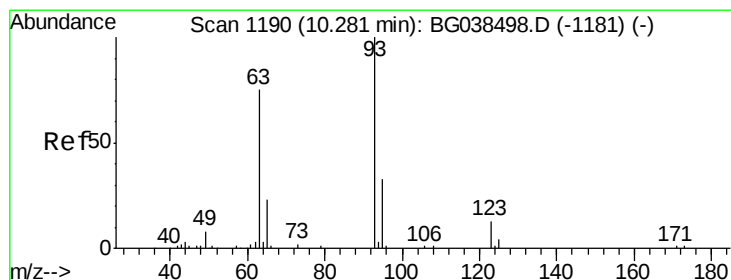
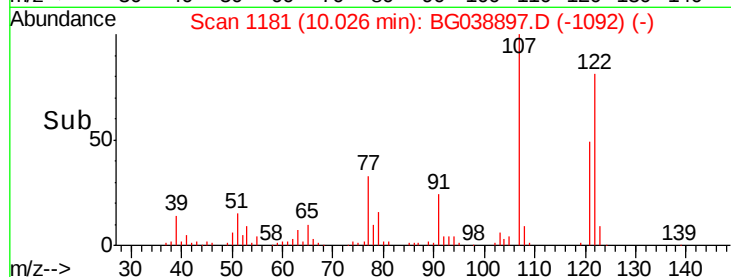
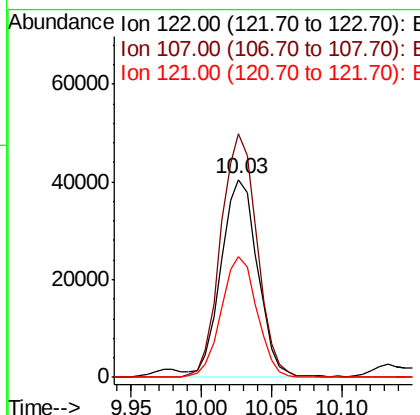
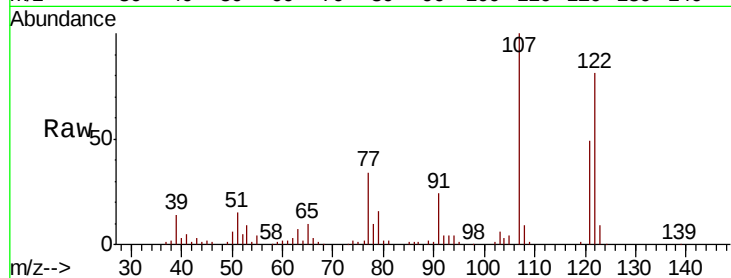




#27
 2,4-Dimethylphenol
 Concen: 51.268 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

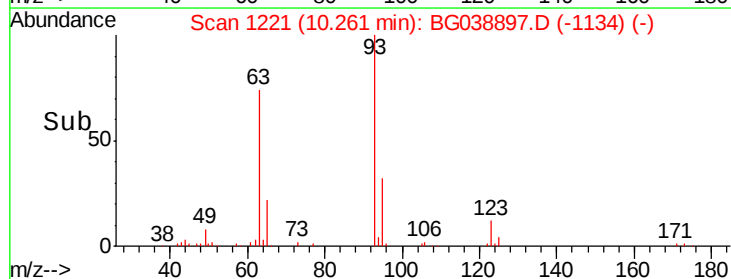
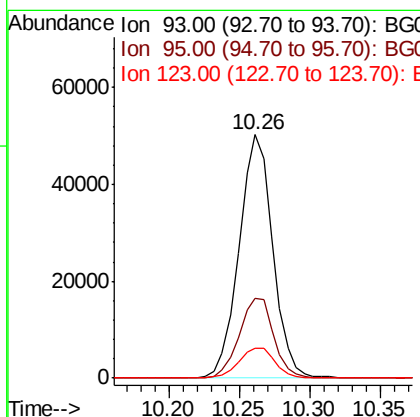
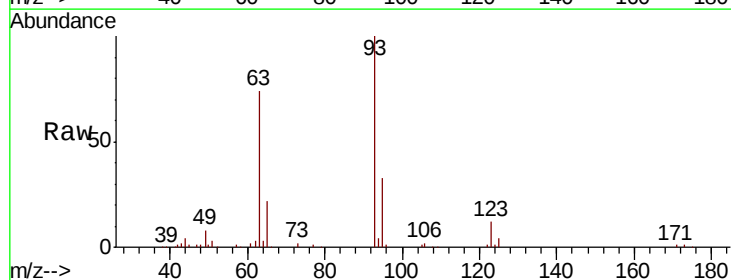
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

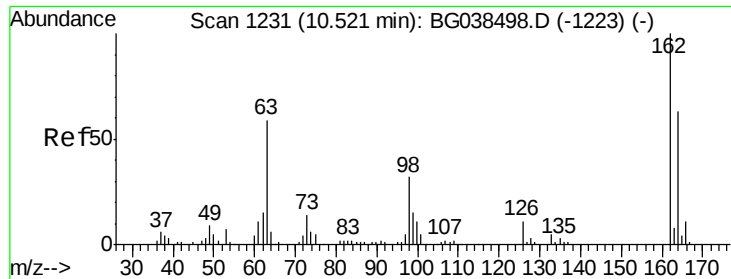
Tot Ion:122 Resp: 73291
 Ion Ratio Lower Upper
 122 100
 107 122.9 98.4 147.6
 121 60.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.896 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion: 93 Resp: 83791
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.6 40.0
 123 12.2 10.6 16.0

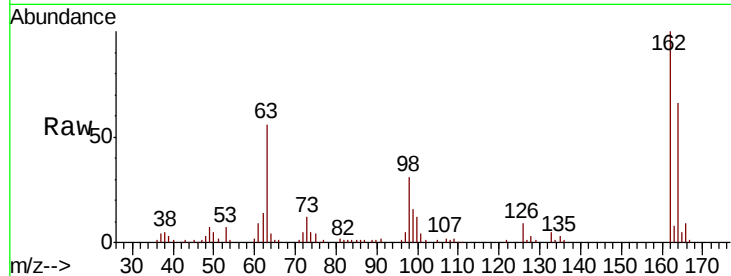




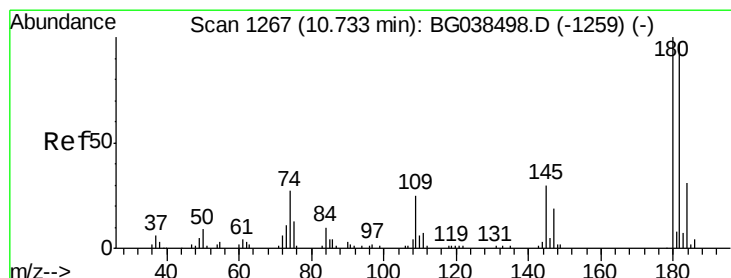
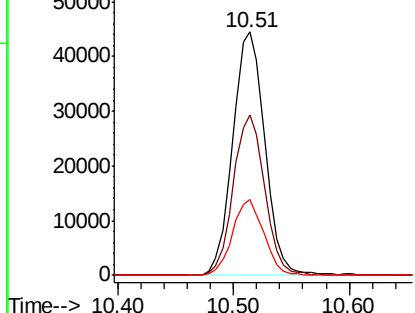
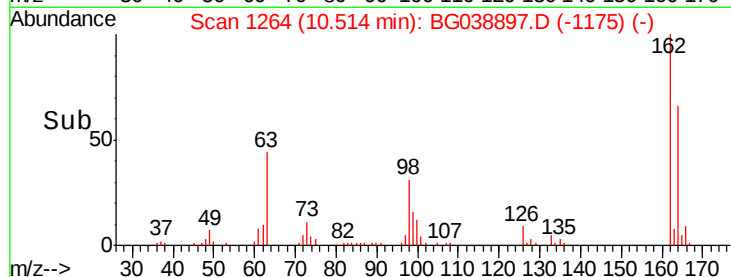
#29
 2,4-Dichlorophenol
 Concen: 53.780 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:162 Resp: 85530
 Ion Ratio Lower Upper
 162 100
 164 65.7 42.9 82.9
 98 31.2 12.1 52.1

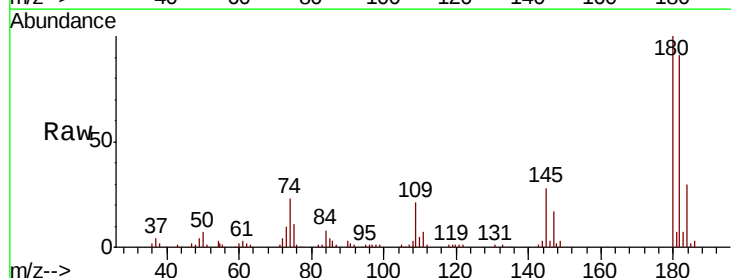


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

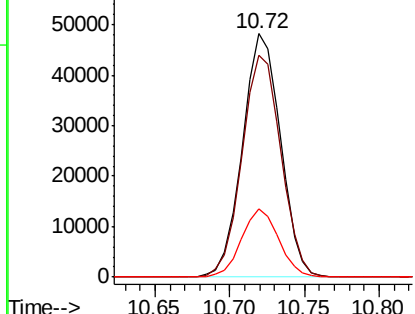
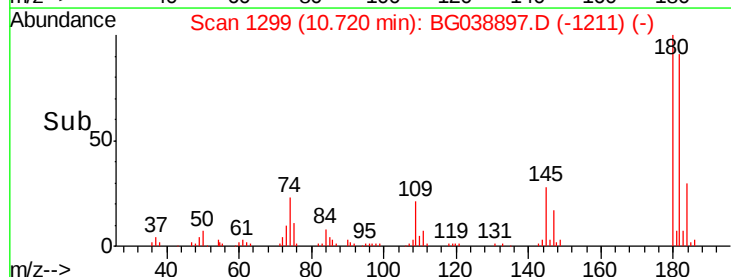


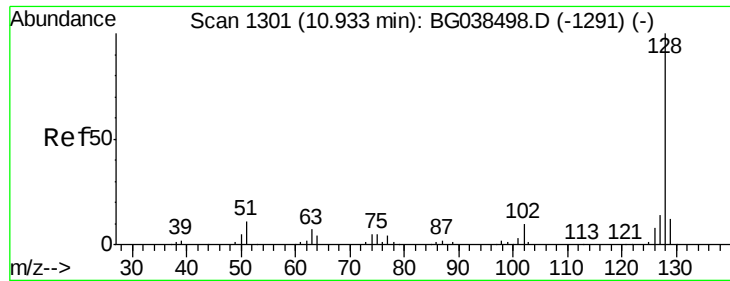
#30
 1,2,4-Trichlorobenzene
 Concen: 44.181 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:180 Resp: 84873
 Ion Ratio Lower Upper
 180 100
 182 90.9 77.4 116.0
 145 28.0 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

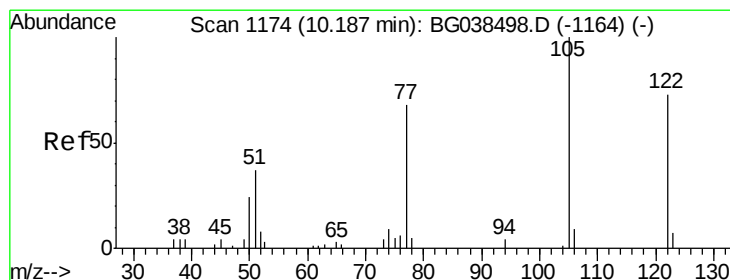
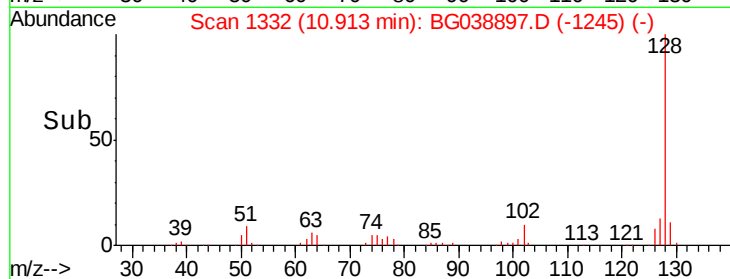
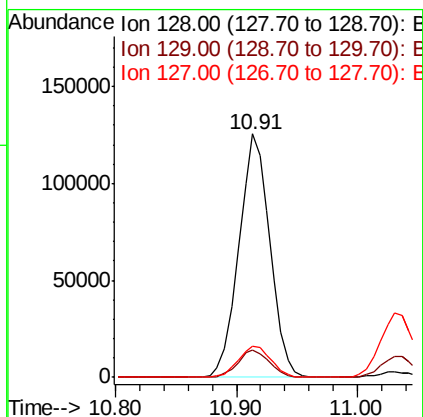
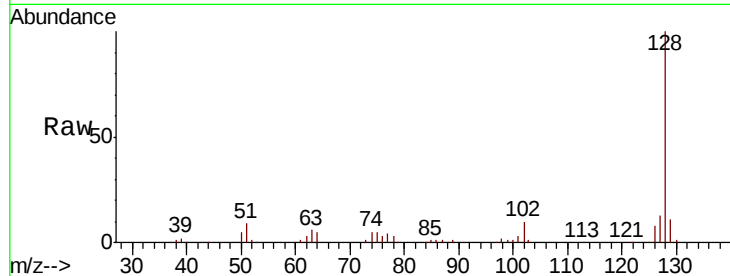




#31
Naphthalene
Concen: 46.282 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

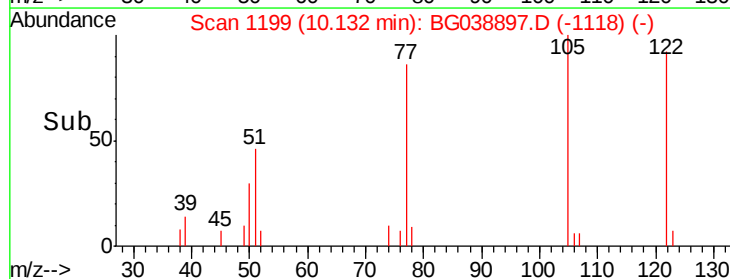
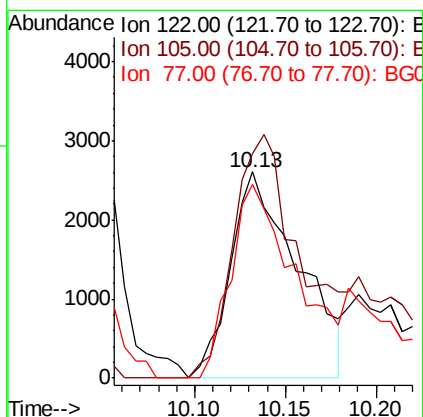
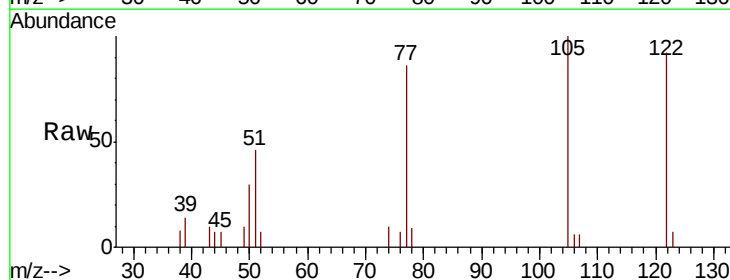
Instrument :
BNA_G
ClientSampleId :
PB116088BS

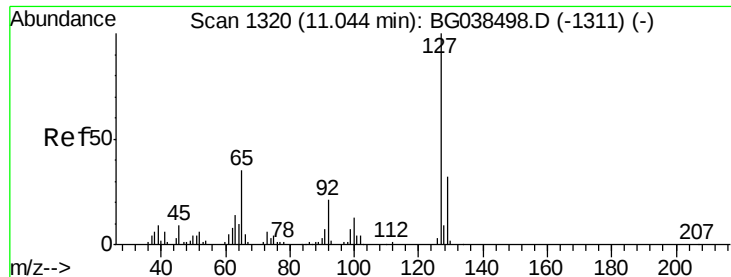
Tot Ion:128 Resp: 224433
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 16.013 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:122 Resp: 6738
Ion Ratio Lower Upper
122 100
105 108.8 116.7 156.7#
77 93.9 72.5 112.5

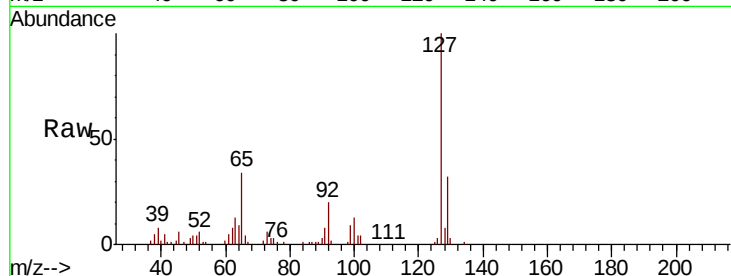




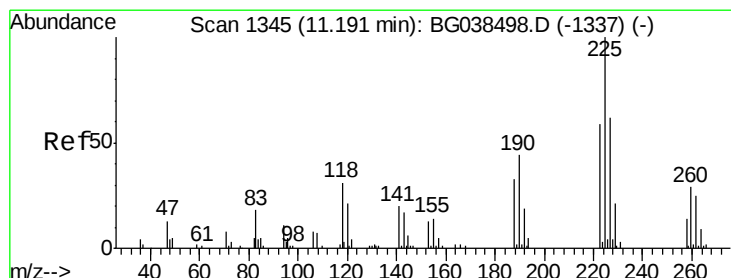
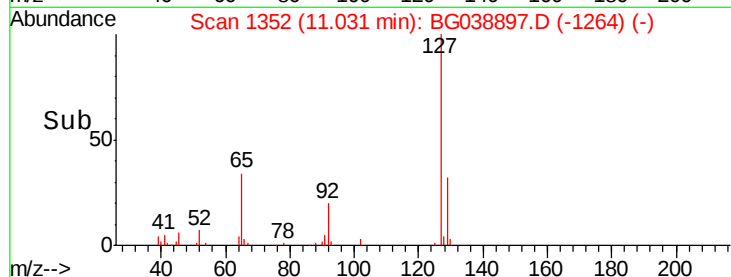
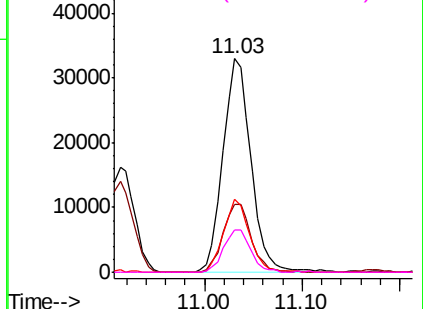
#33
4-Chloroaniline
Concen: 31.175 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion:127 Resp: 65633
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 34.4 27.8 41.6
92 20.0 17.0 25.6

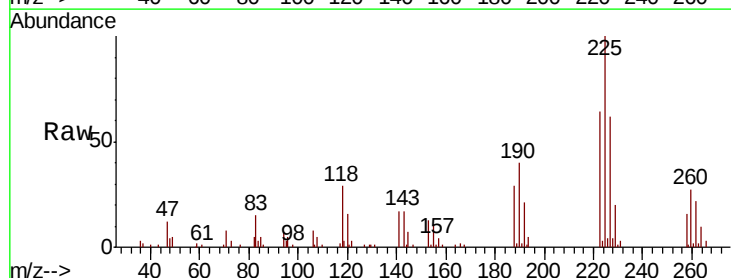


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

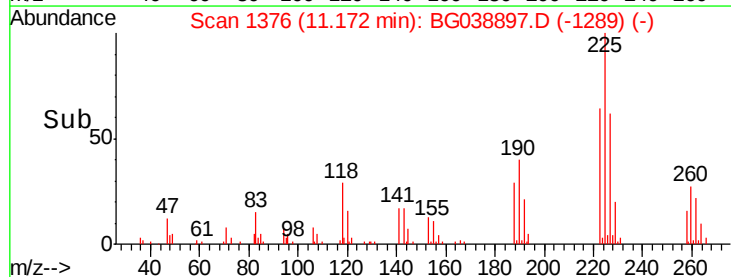
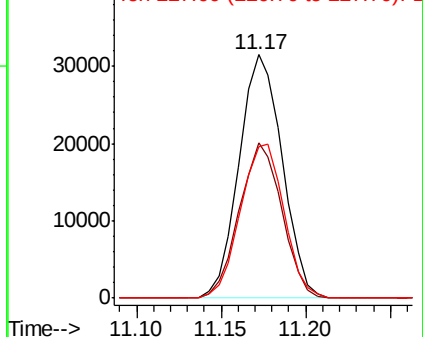


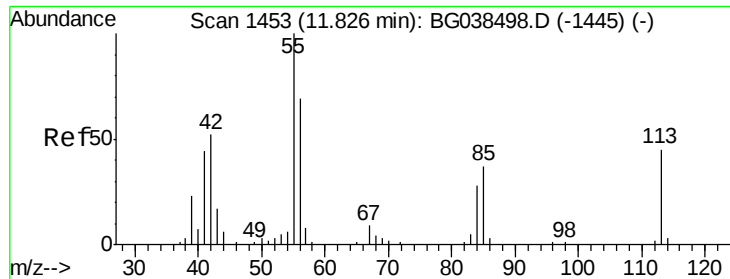
#34
Hexachlorobutadiene
Concen: 43.065 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:225 Resp: 55978
Ion Ratio Lower Upper
225 100
223 63.6 45.0 67.6
227 65.7 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: 44.542 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

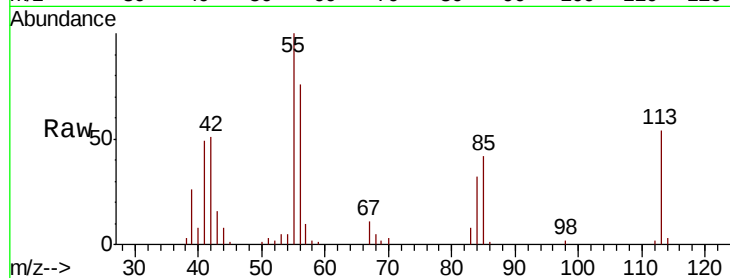
Tot Ion:113 Resp: 29316

Ion Ratio Lower Upper

113 100

55 185.2 204.3 244.3#

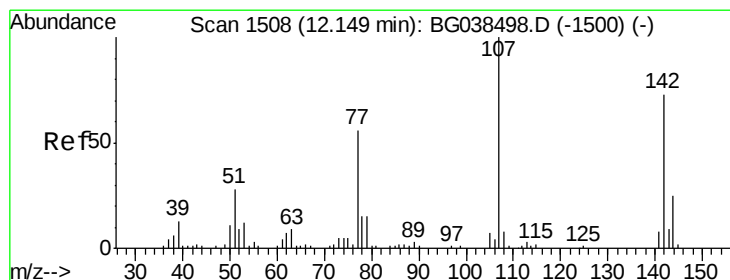
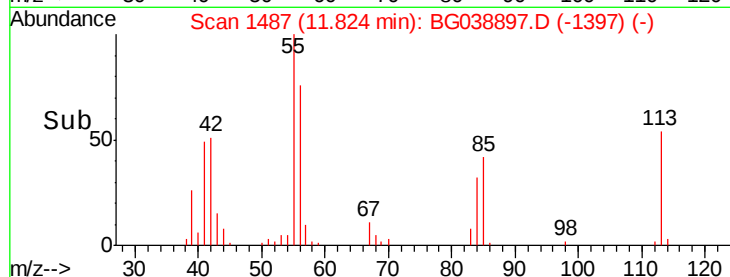
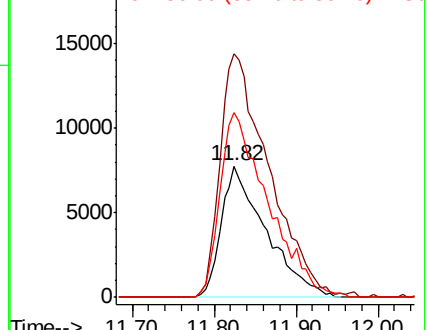
56 140.7 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGO

Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 48.757 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

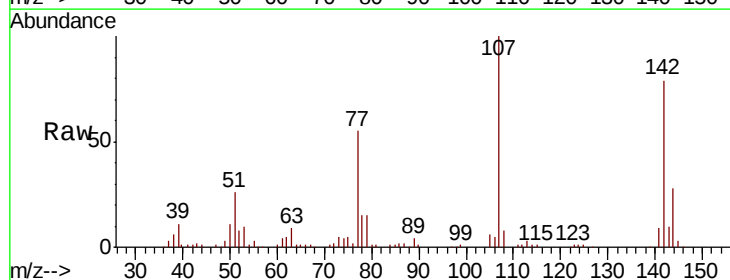
Tgt Ion:107 Resp: 88489

Ion Ratio Lower Upper

107 100

144 27.5 20.1 30.1

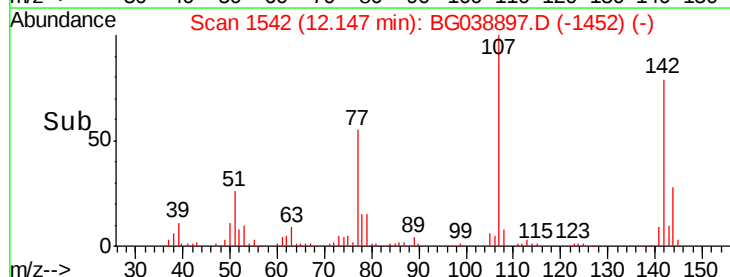
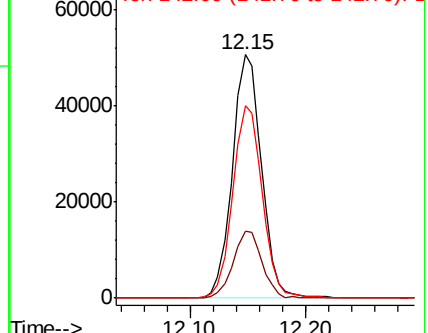
142 78.9 58.7 88.1

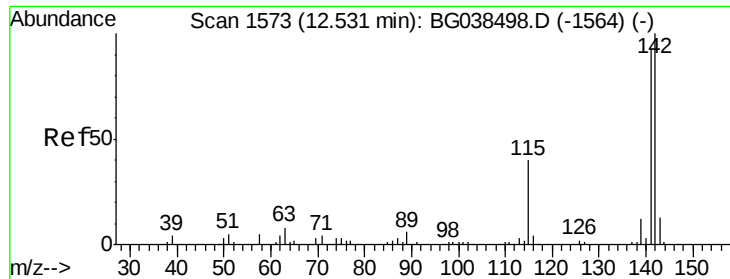


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

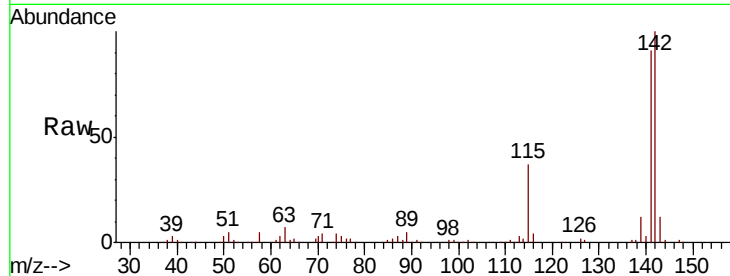




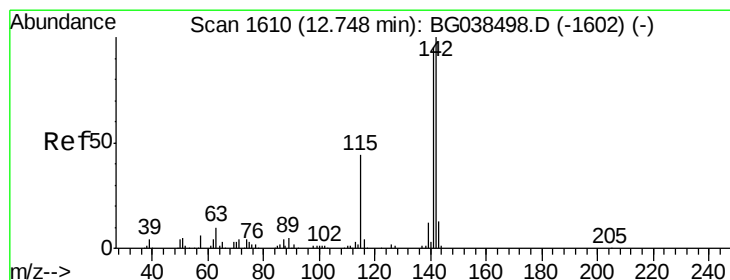
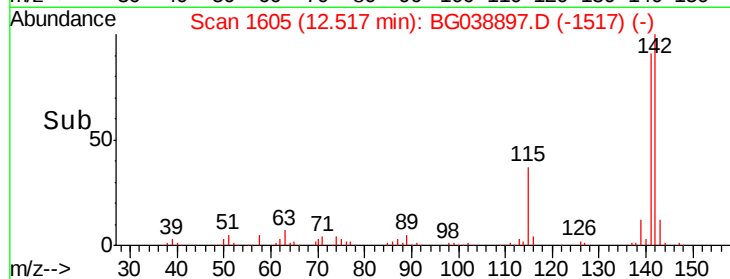
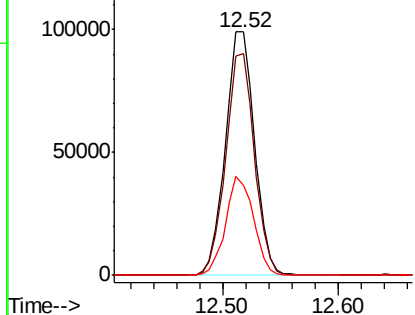
#37
2-Methylnaphthalene
Concen: 49.960 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.5	110.3
115	37.2	31.7	47.5

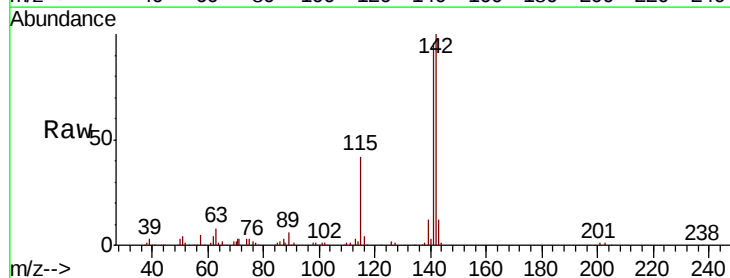


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

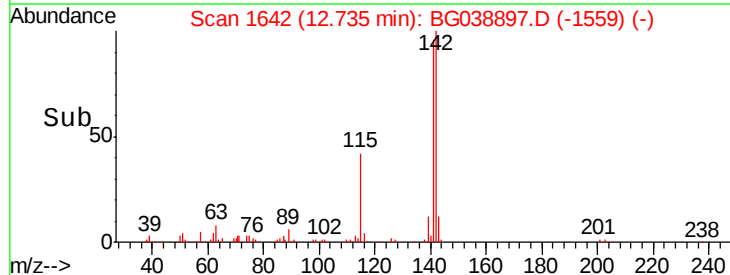
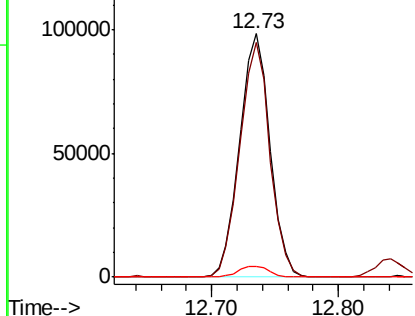


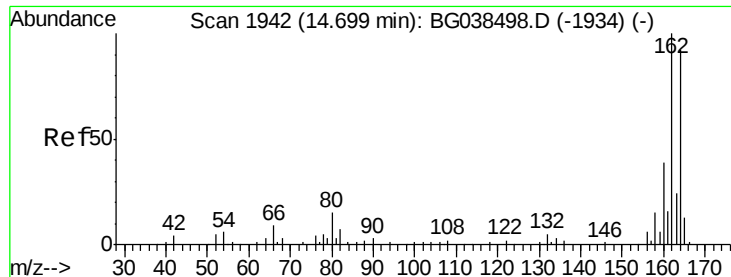
#38
1-Methylnaphthalene
Concen: 48.714 ng
RT: 12.73 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.5	75.8	113.8
116	4.1	3.6	5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

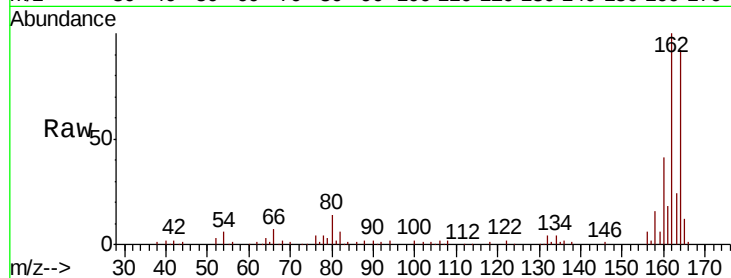
Tot Ion:164 Resp: 71200

Ion Ratio Lower Upper

164 100

162 108.6 86.6 130.0

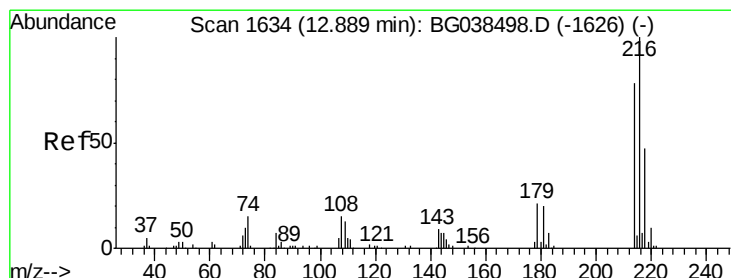
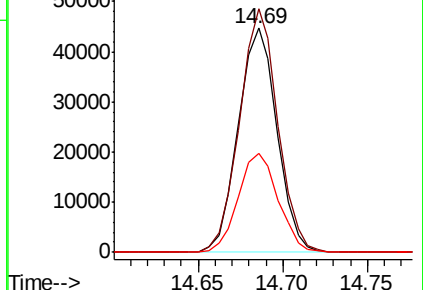
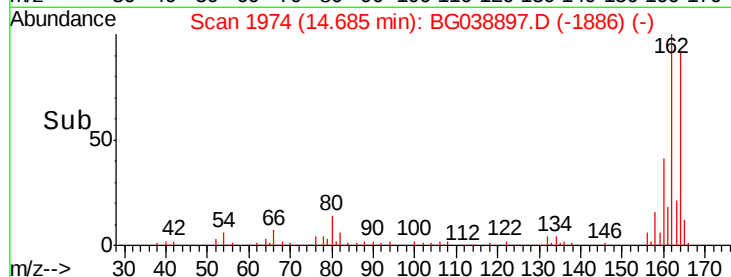
160 44.4 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.694 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Tgt Ion:216 Resp: 108305

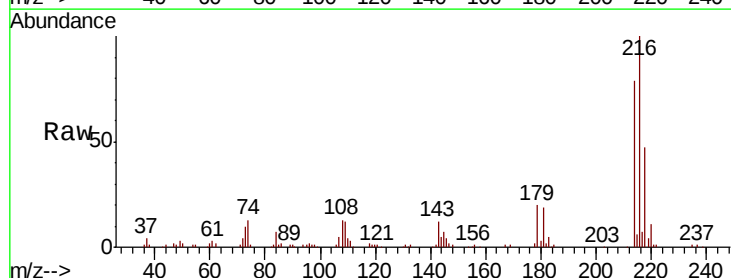
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 19.7 16.4 24.6

108 16.8 13.9 20.9

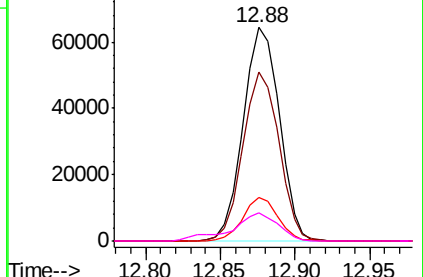
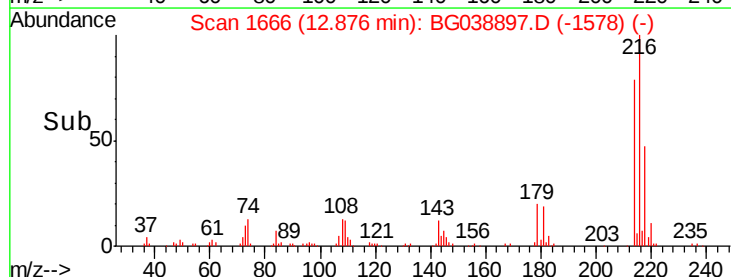


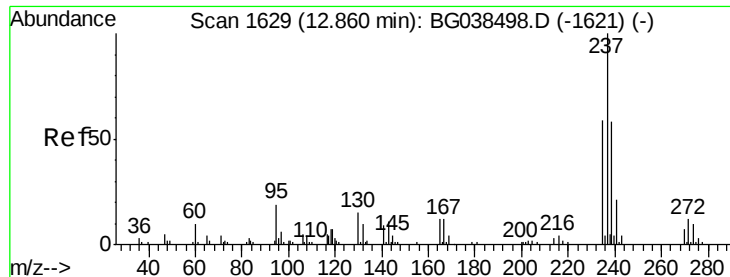
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.307 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

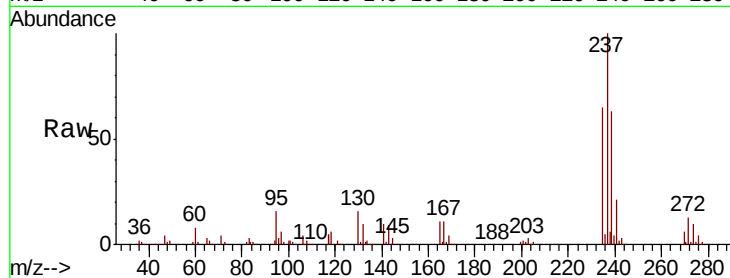
Tot Ion:237 Resp: 126196

Ion Ratio Lower Upper

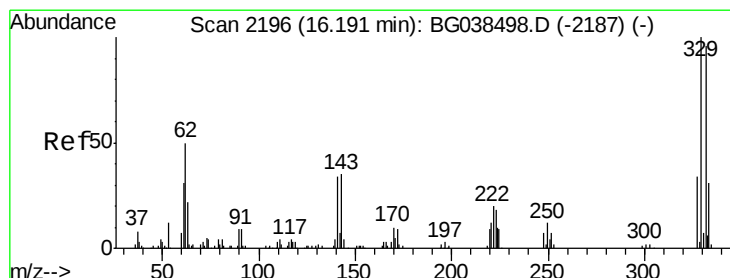
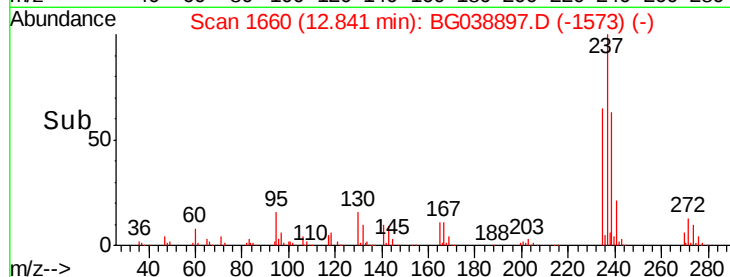
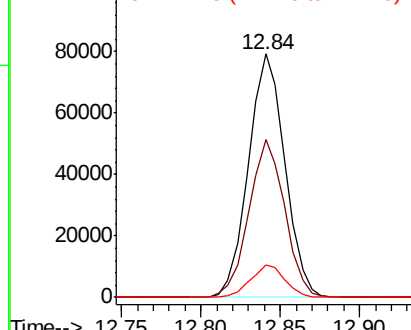
237 100

235 64.7 38.8 78.8

272 13.1 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 145.645 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

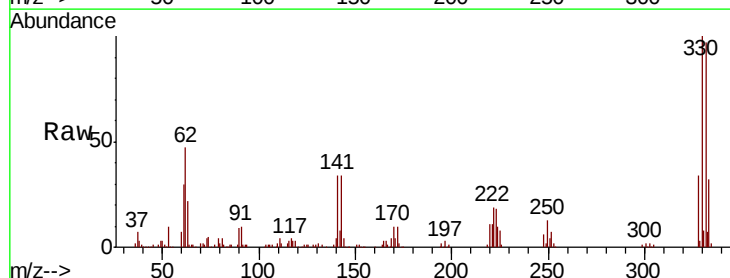
Tgt Ion:330 Resp: 142916

Ion Ratio Lower Upper

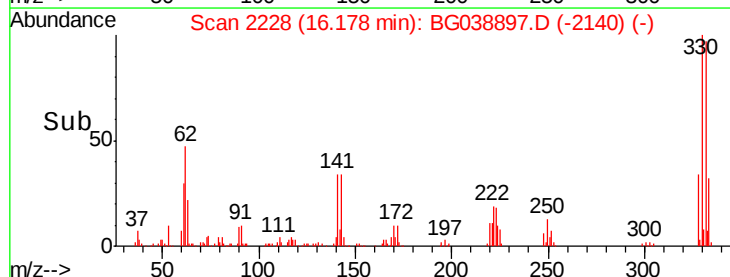
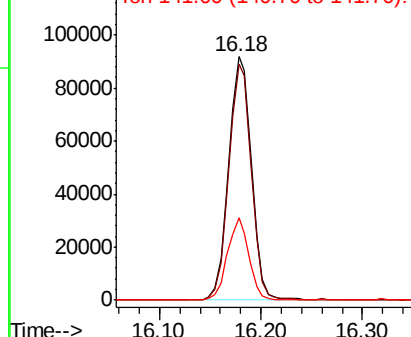
330 100

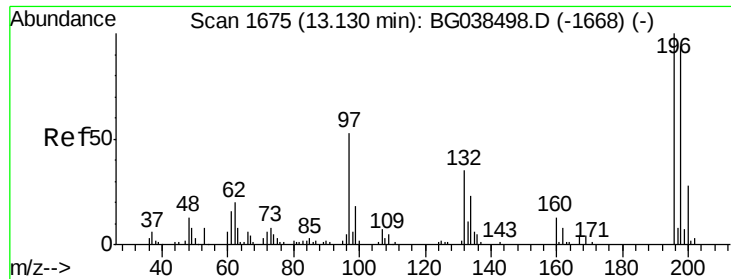
332 95.6 76.9 115.3

141 31.8 28.8 43.2



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

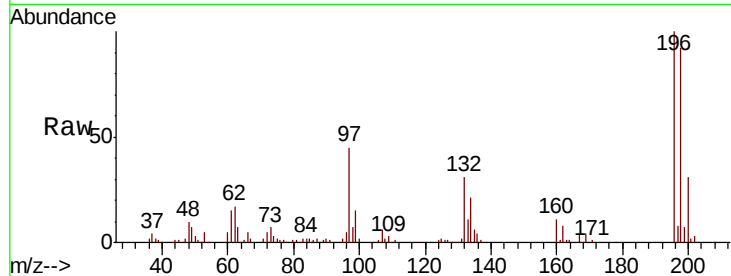




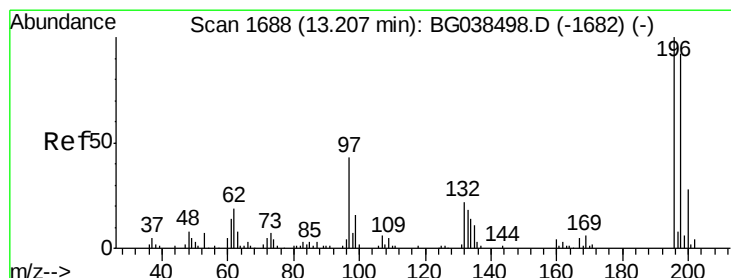
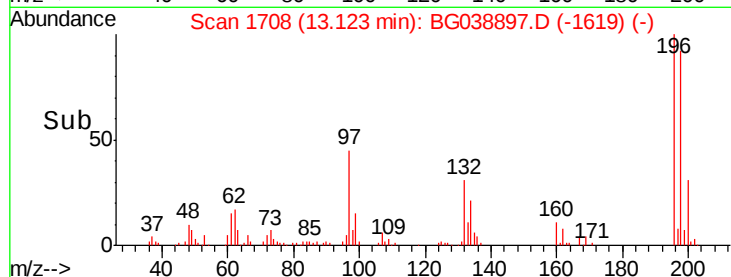
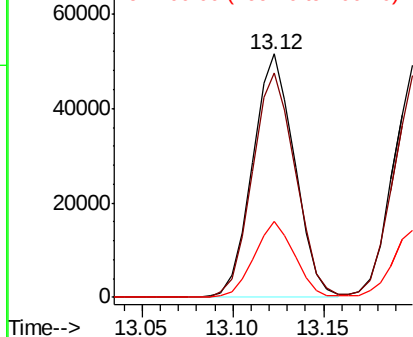
#43
 2,4,6-Trichlorophenol
 Concen: 50.620 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:196 Resp: 82836
 Ion Ratio Lower Upper
 196 100
 198 92.2 75.0 112.4
 200 31.1 22.4 33.6



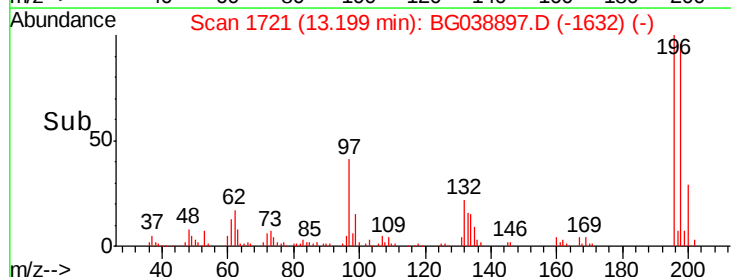
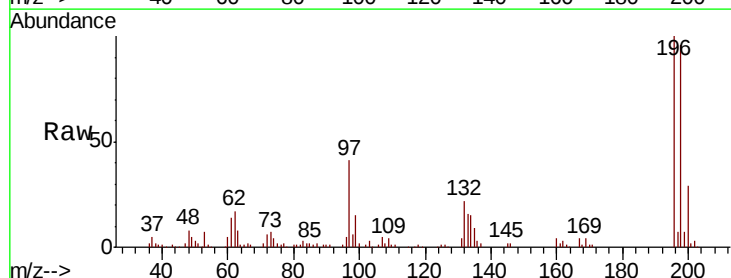
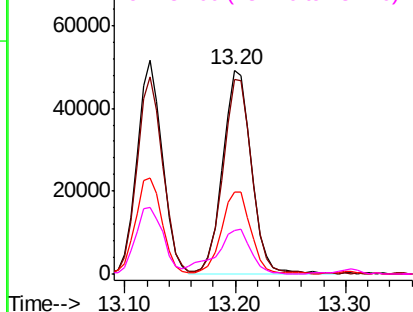
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

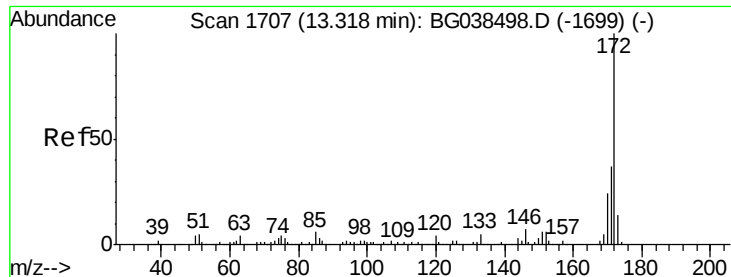


#44
 2,4,5-Trichlorophenol
 Concen: 51.721 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:196 Resp: 89612
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.0 111.0
 97 40.5 35.1 52.7
 132 21.6 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

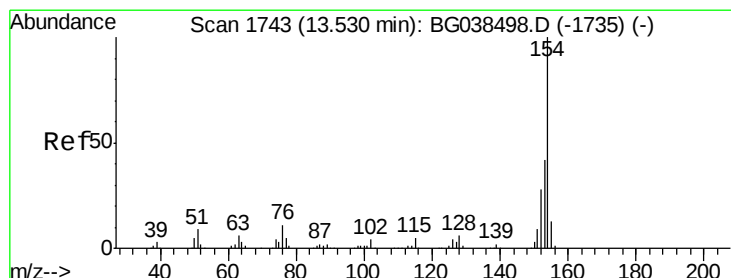
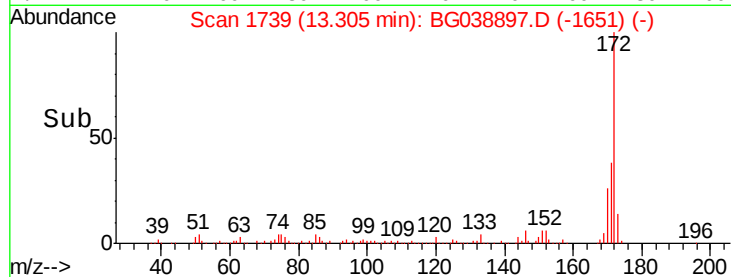
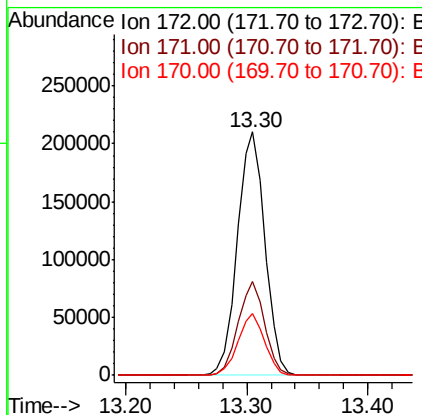
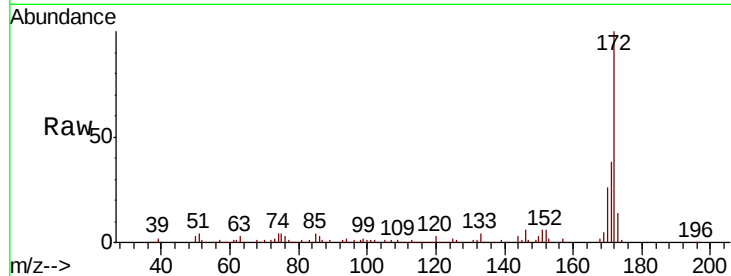




#45
 2-Fluorobiphenyl
 Concen: 64.286 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

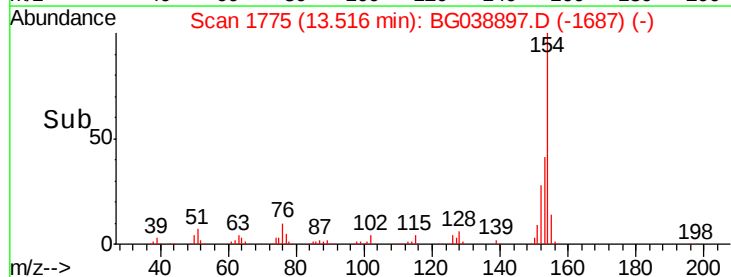
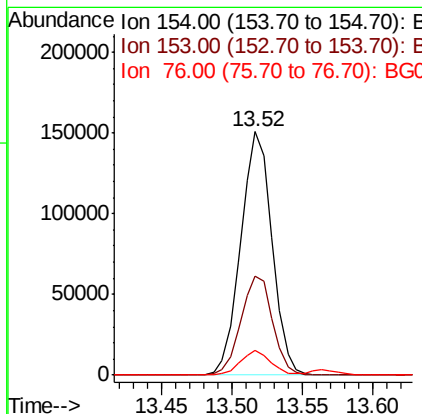
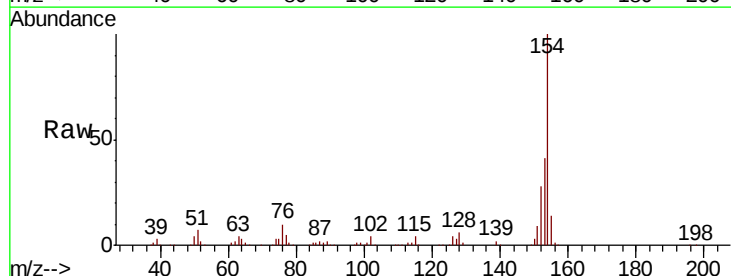
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

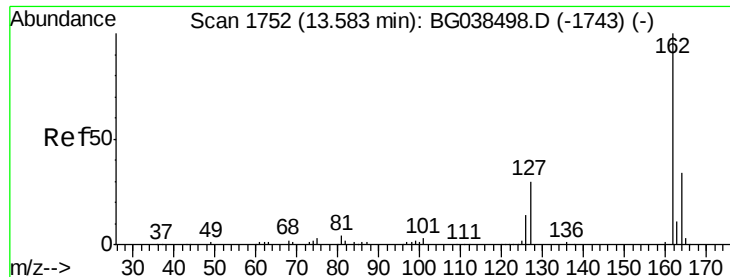
Tot Ion:172 Resp: 333651
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.8 44.6
 170 25.5 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 39.076 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:154 Resp: 233238
 Ion Ratio Lower Upper
 154 100
 153 40.7 22.1 62.1
 76 10.0 0.0 31.2

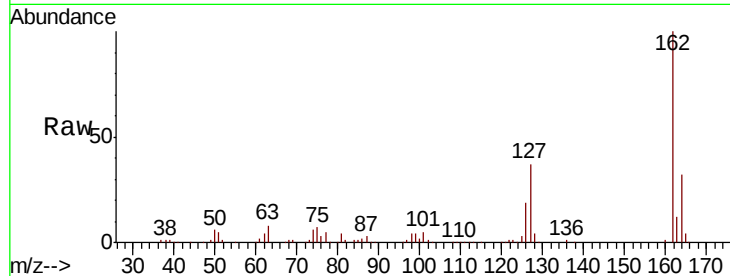




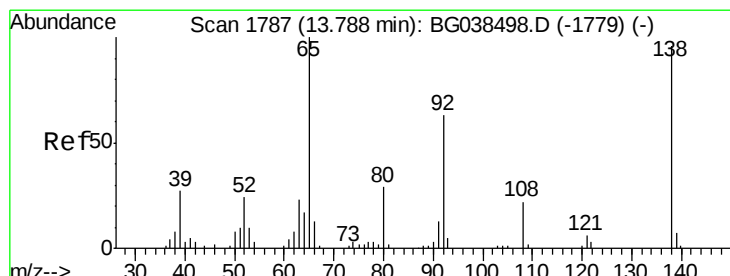
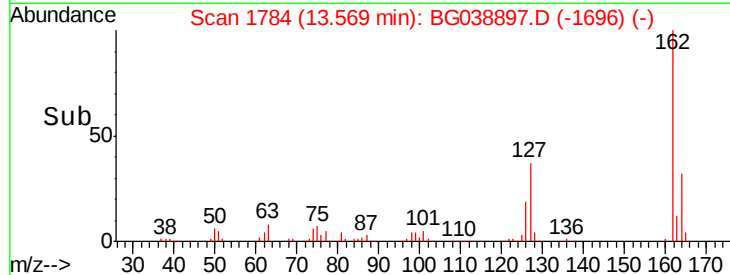
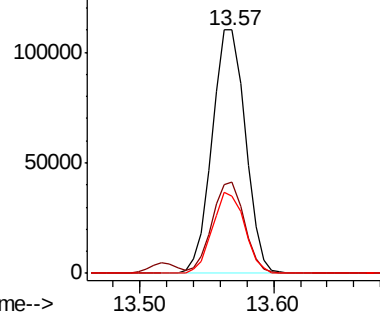
#47
 2-Chloronaphthalene
 Concen: 41.225 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:162 Resp: 190071
 Ion Ratio Lower Upper
 162 100
 127 37.5 27.8 41.8
 164 31.7 26.9 40.3

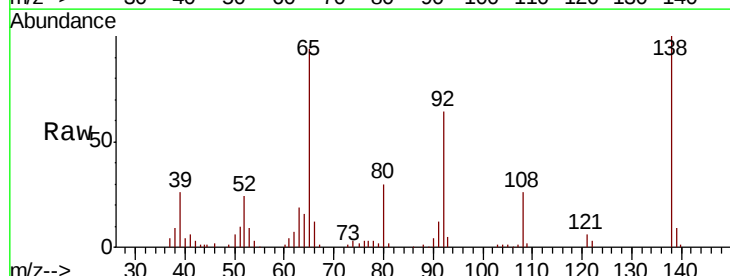


Abundance Ion 162.00 (161.70 to 162.70): E
 150000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

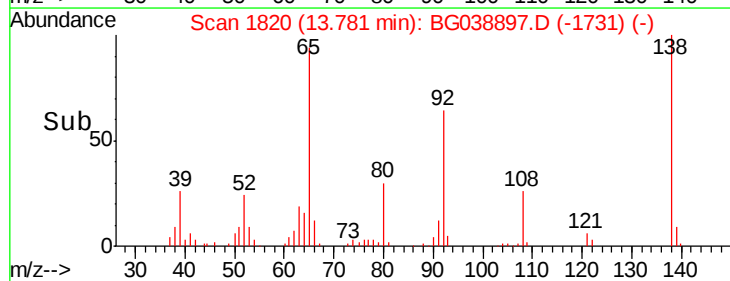
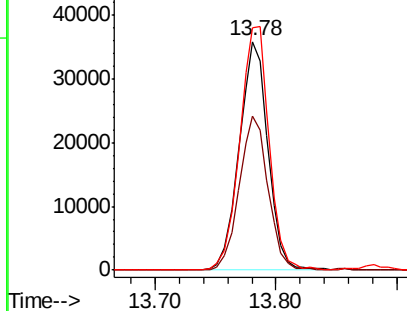


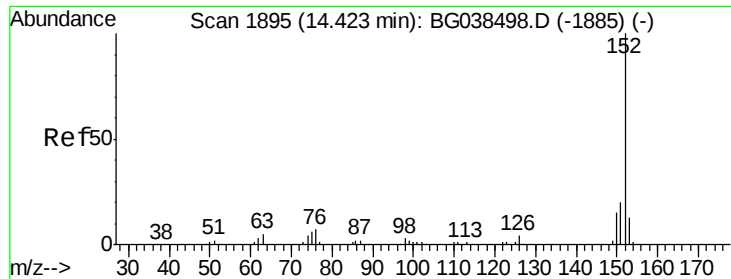
#48
 2-Nitroaniline
 Concen: 40.368 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion: 65 Resp: 59284
 Ion Ratio Lower Upper
 65 100
 92 67.6 50.0 75.0
 138 106.0 76.9 115.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
 50000 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.425 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

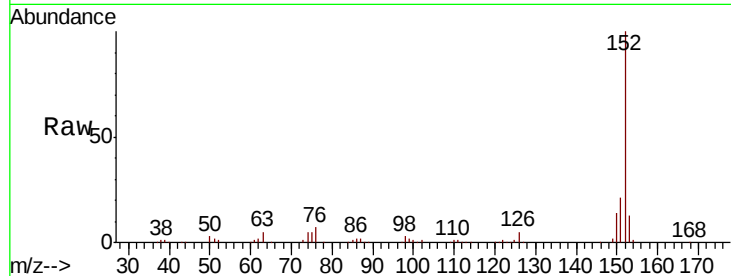
Tot Ion:152 Resp: 313102

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

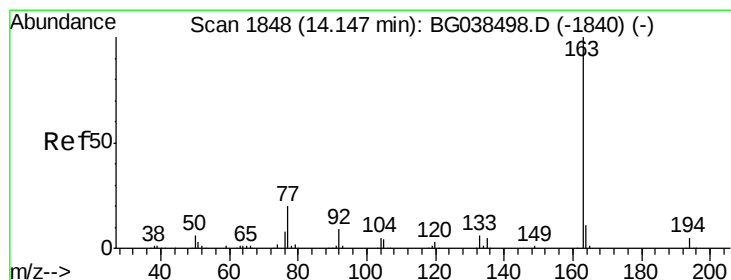
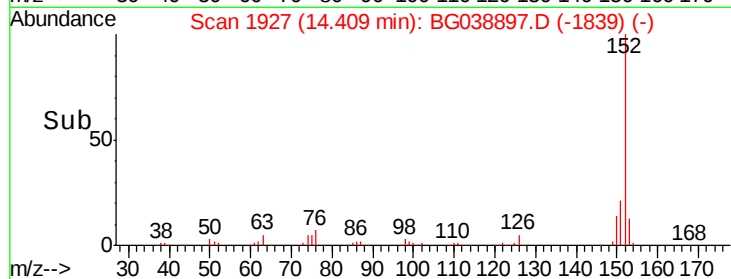
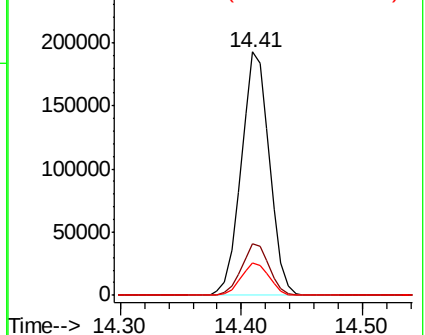
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.943 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

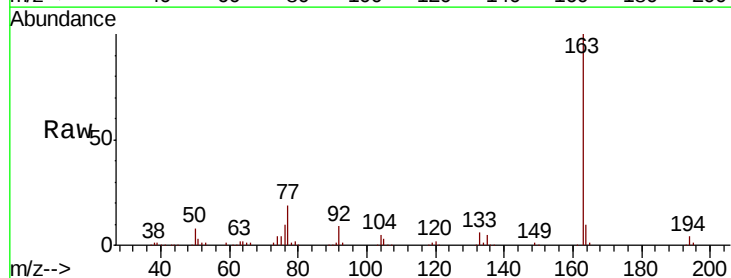
Tgt Ion:163 Resp: 255504

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

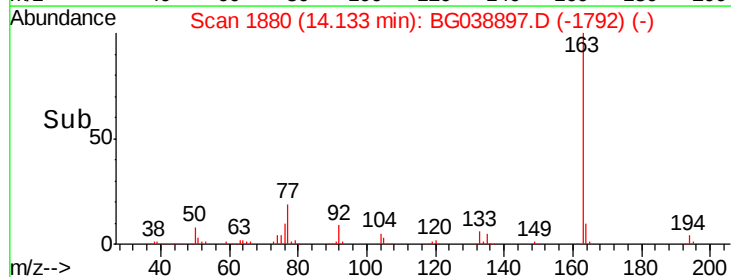
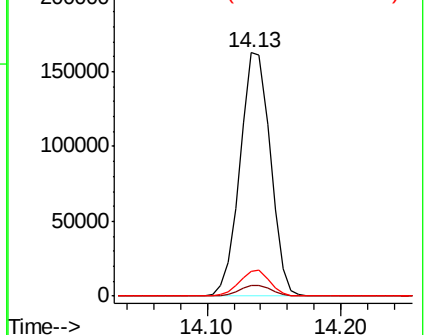
164 10.4 8.6 12.8

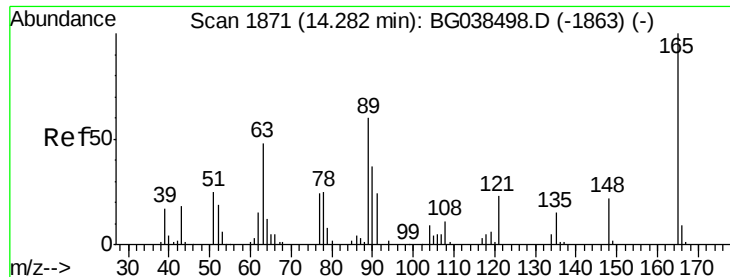


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

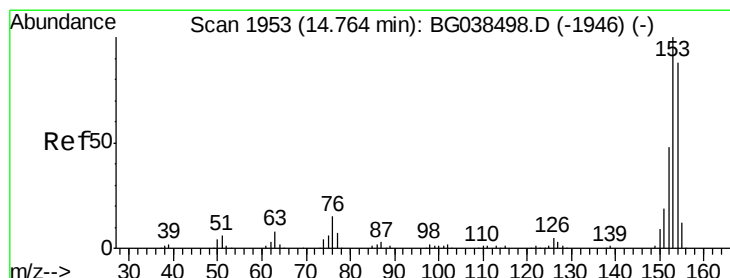
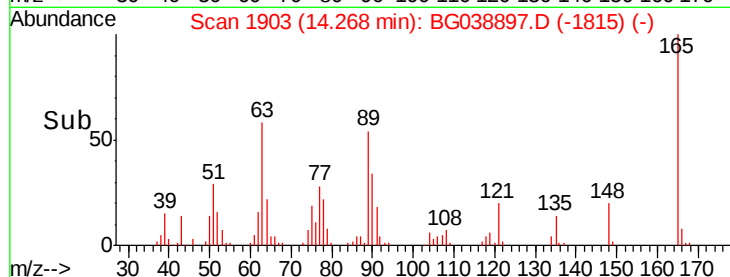
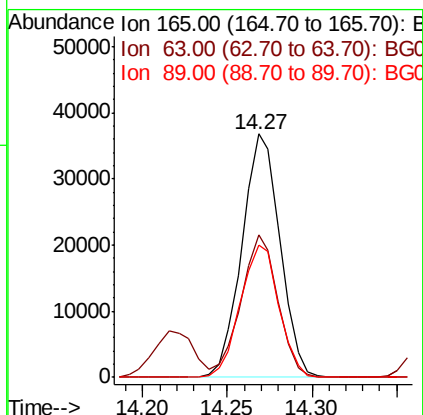
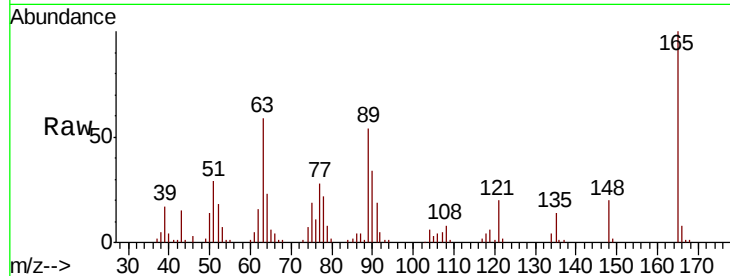




#51
 2,6-Dinitrotoluene
 Concen: 43.816 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

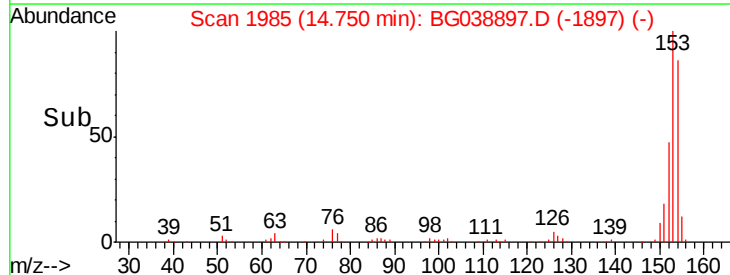
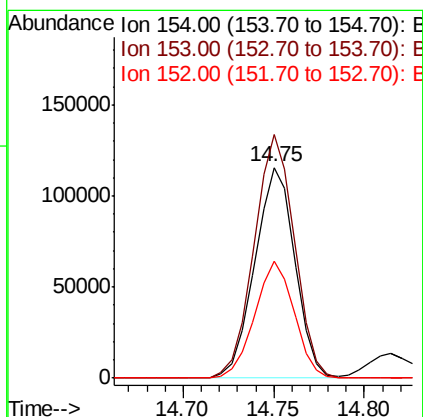
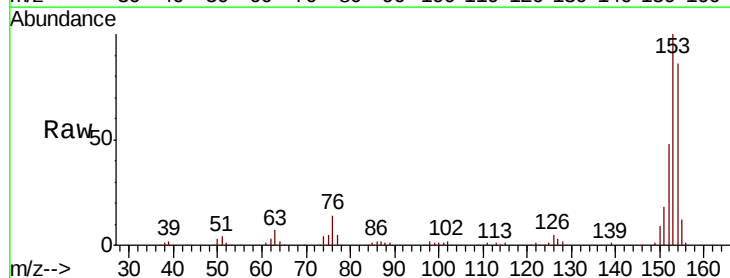
Instrument :
 BNA_G
 ClientSampleID :
 PB116088BS

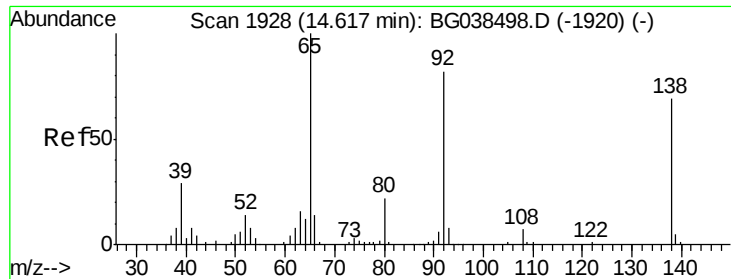
Tot Ion:165 Resp: 57734
 Ion Ratio Lower Upper
 165 100
 63 58.7 51.8 77.6
 89 54.5 47.9 71.9



#52
 Acenaphthene
 Concen: 43.015 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:154 Resp: 177289
 Ion Ratio Lower Upper
 154 100
 153 115.7 90.6 136.0
 152 55.3 43.5 65.3

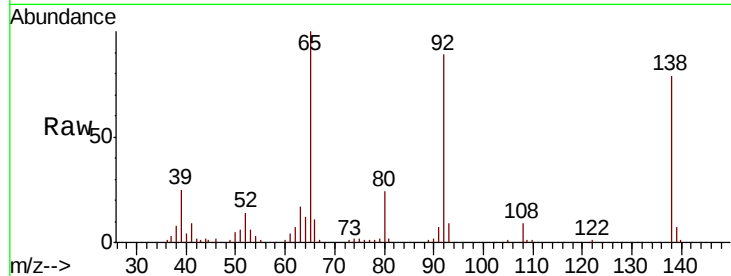




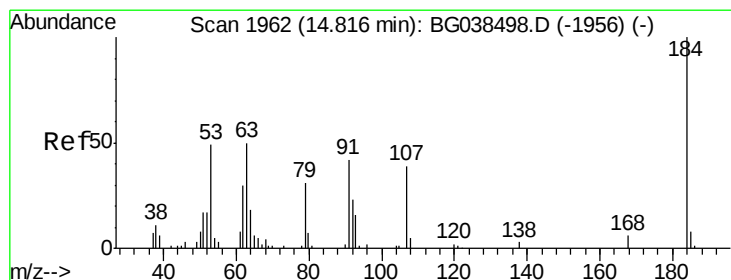
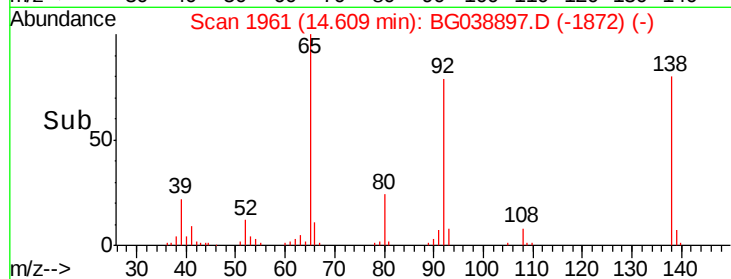
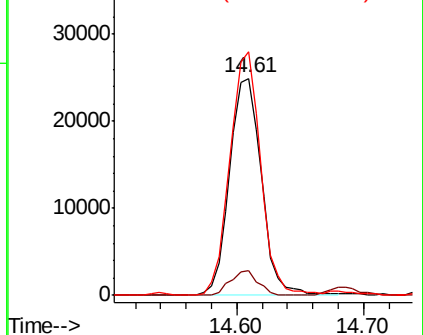
#53
3-Nitroaniline
Concen: 32.214 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion:138 Resp: 43270
Ion Ratio Lower Upper
138 100
108 11.3 7.9 11.9
92 112.3 95.3 142.9

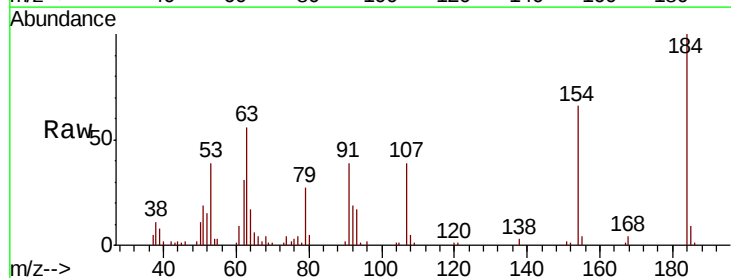


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

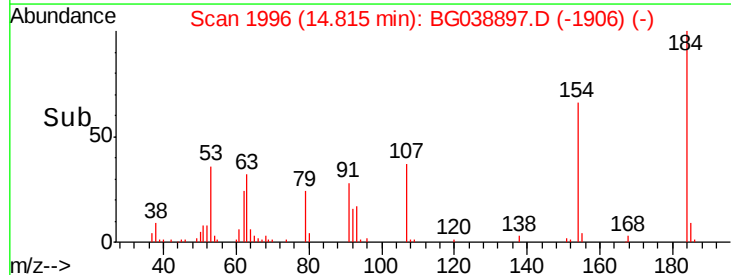
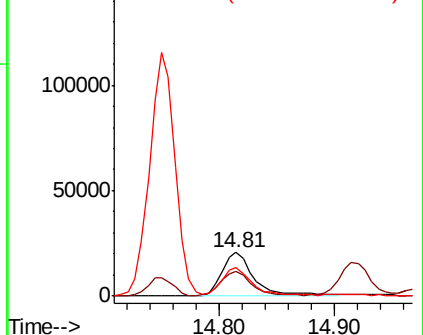


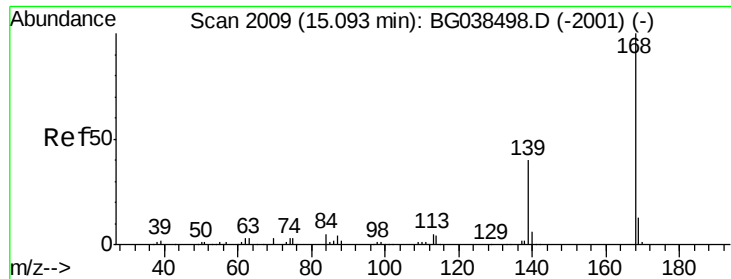
#54
2,4-Dinitrophenol
Concen: 53.175 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:184 Resp: 40233
Ion Ratio Lower Upper
184 100
63 56.4 47.0 70.6
154 66.4 50.3 75.5



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

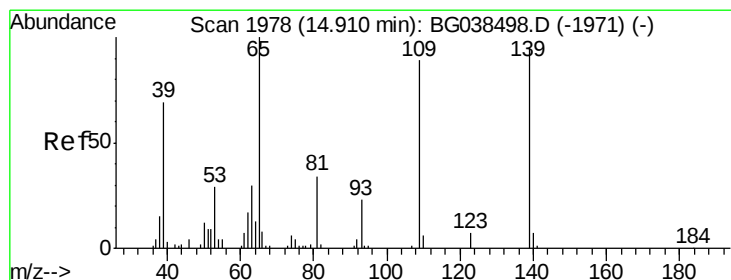
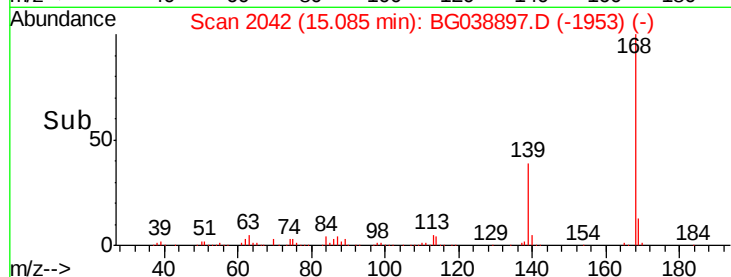
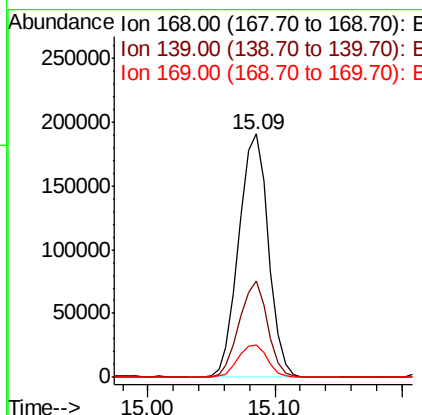
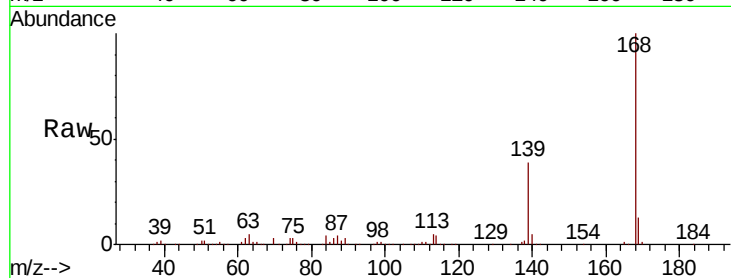




#55
Dibenzenofuran
Concen: 43.682 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

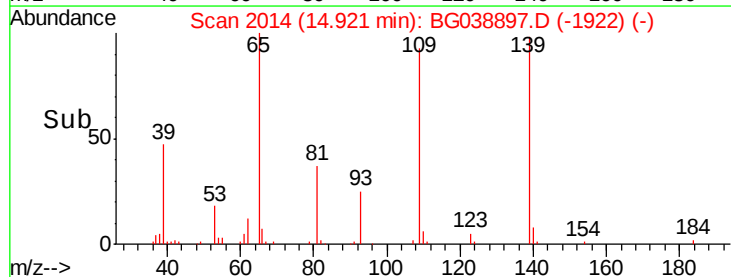
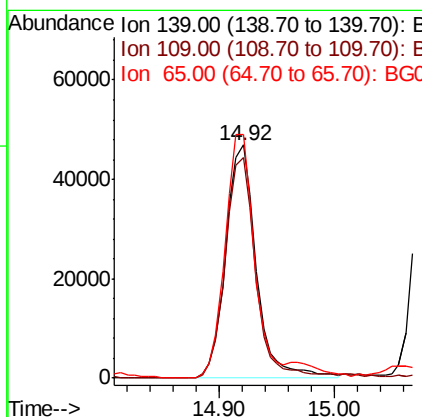
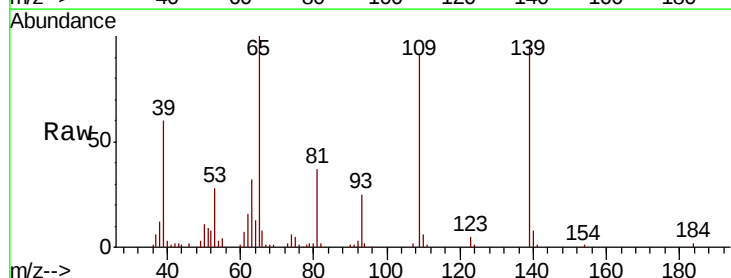
Instrument :
BNA_G
ClientSampleId :
PB116088BS

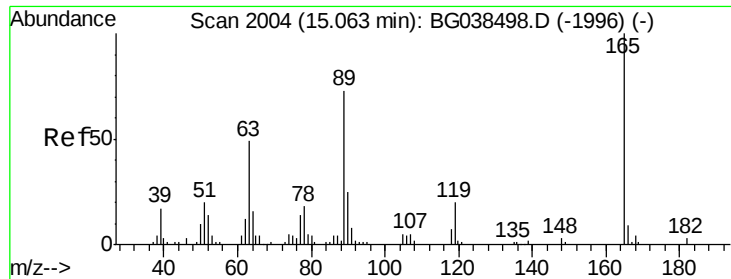
Tot Ion:168 Resp: 308618
Ion Ratio Lower Upper
168 100
139 39.5 32.2 48.2
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 84.743 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:139 Resp: 86351
Ion Ratio Lower Upper
139 100
109 94.9 73.6 113.6
65 104.3 84.8 124.8

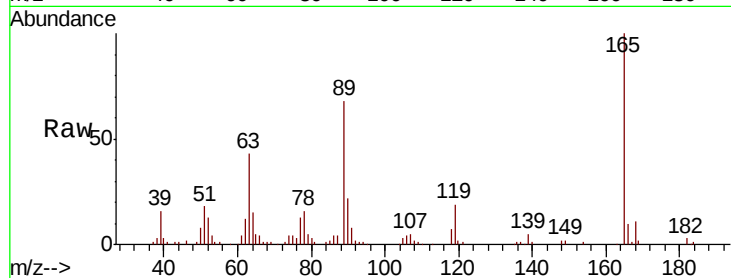




#57
2,4-Dinitrotoluene
Concen: 44.976 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	39.0	58.4
89	67.8	58.0	87.0
182	3.2	2.3	3.5



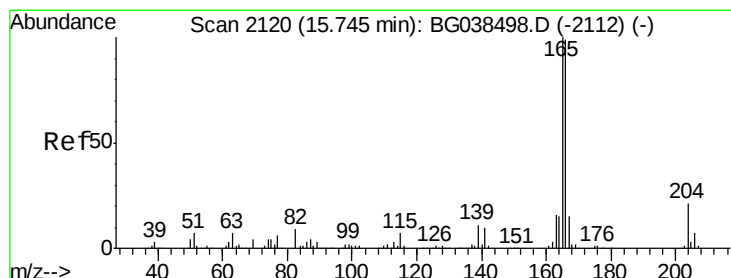
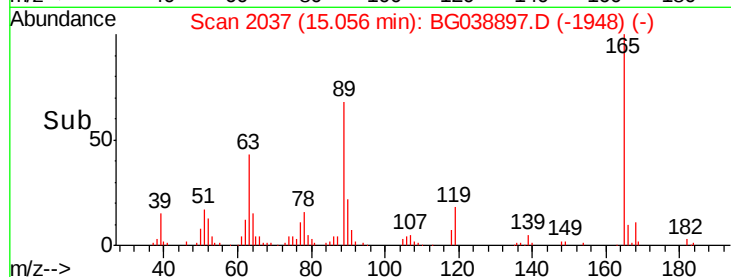
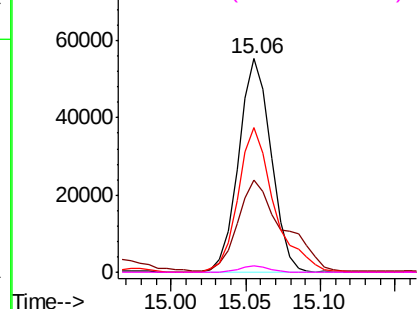
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

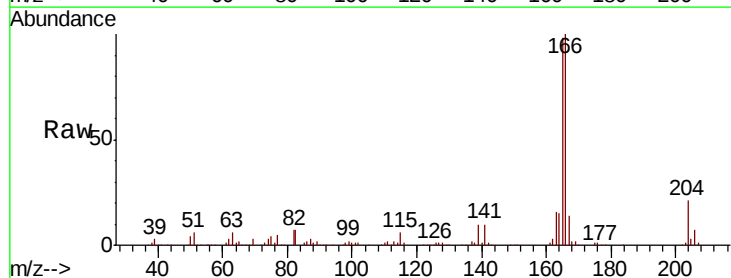
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.049 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.6	120.8
167	13.9	12.0	18.0

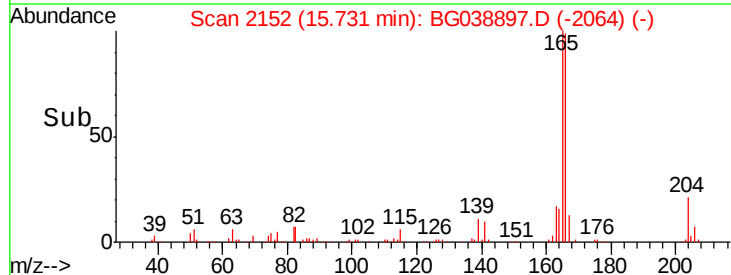
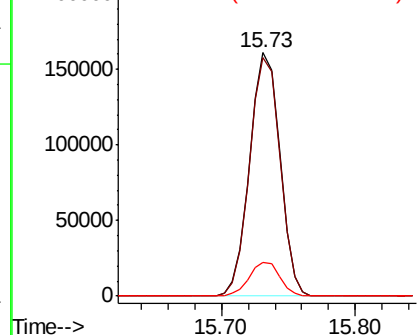


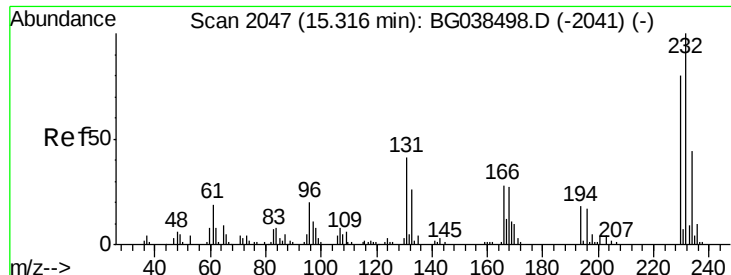
Abundance

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

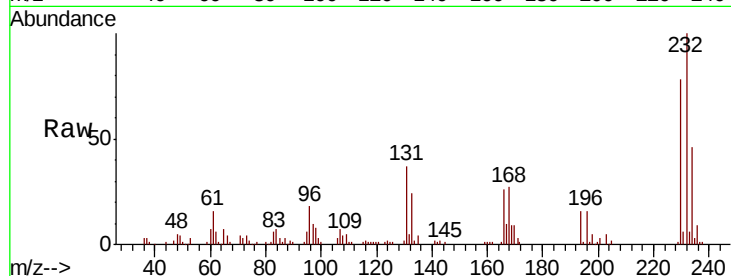




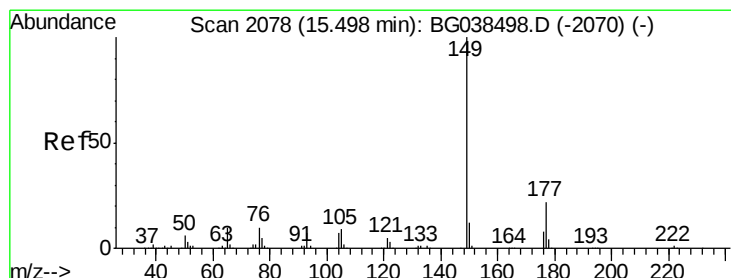
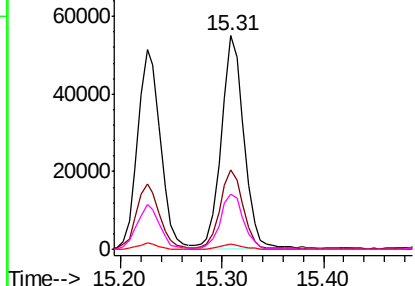
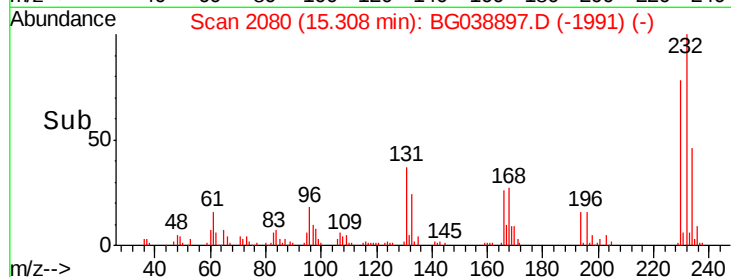
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.413 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion:232 Resp: 84818
Ion Ratio Lower Upper
232 100
131 38.4 33.0 49.4
130 2.3 2.0 3.0
166 27.1 23.1 34.7

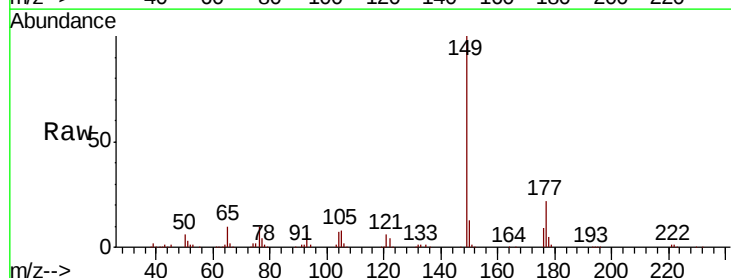


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

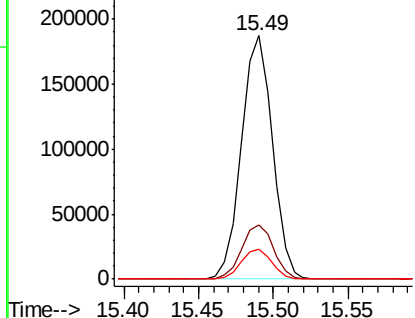
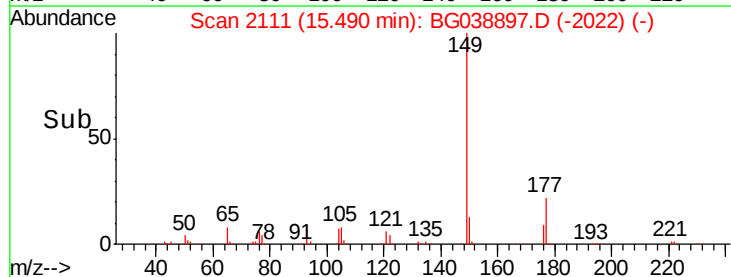


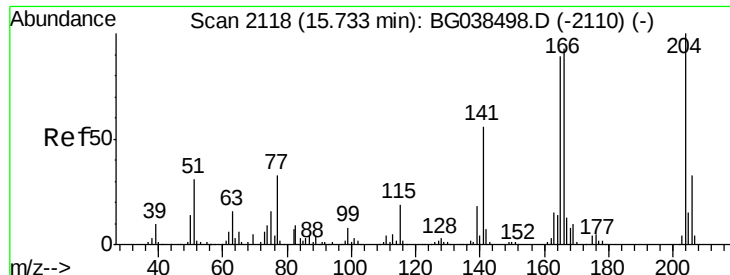
#60
Diethylphthalate
Concen: 42.034 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:149 Resp: 268305
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 12.5 9.9 14.9



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

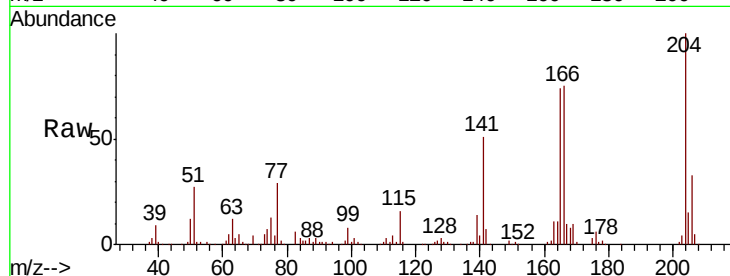




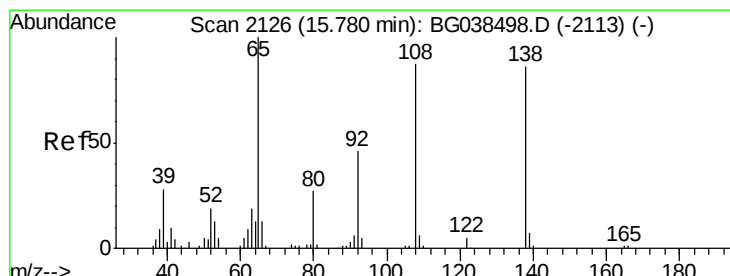
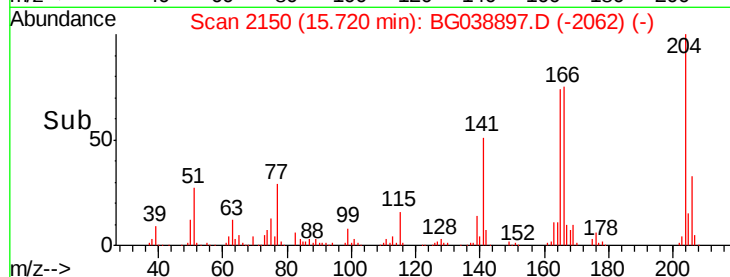
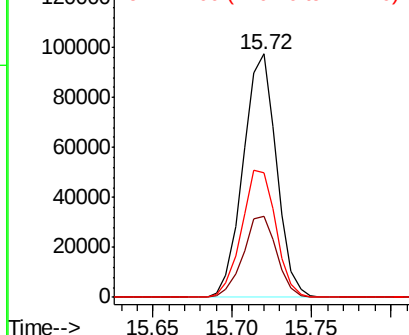
#61
4-Chlorophenyl-phenylether
Concen: 43.456 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion:204 Resp: 141923
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 51.2 44.4 66.6

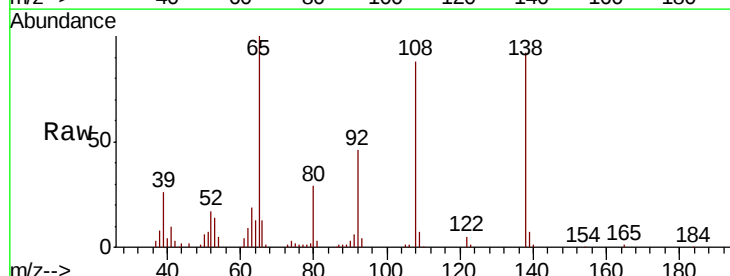


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

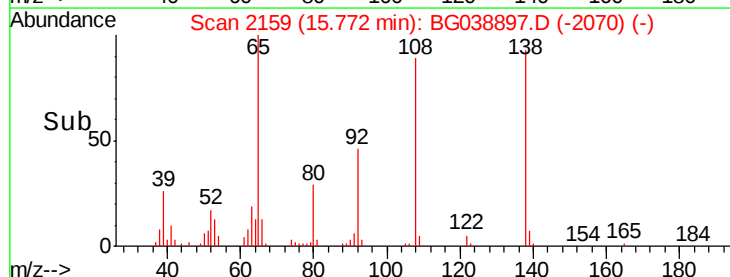
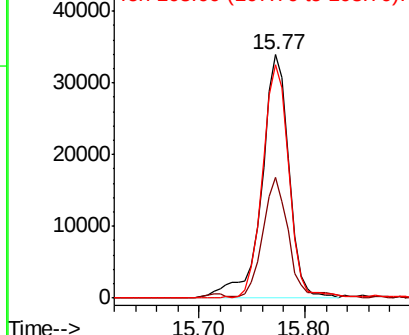


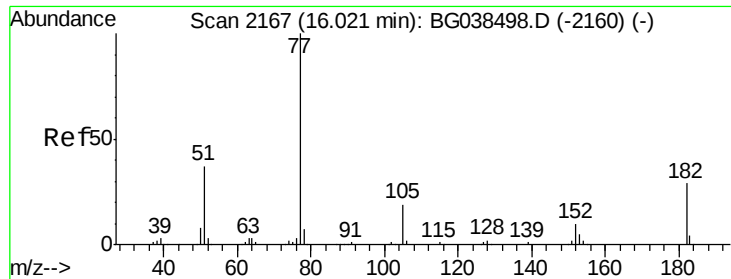
#62
4-Nitroaniline
Concen: 43.901 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:138 Resp: 60707
Ion Ratio Lower Upper
138 100
92 49.7 33.3 73.3
108 95.7 81.4 121.4



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





#63

Azobenzene

Concen: 39.767 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

Tot Ion: 77 Resp: 212046

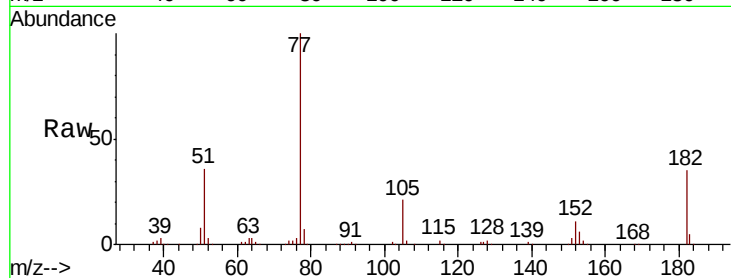
Ion Ratio Lower Upper

77 100

182 34.6 8.7 48.7

105 21.1 0.0 38.7

51 36.1 16.6 56.6

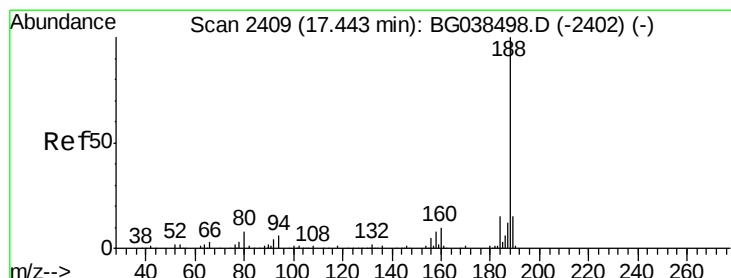
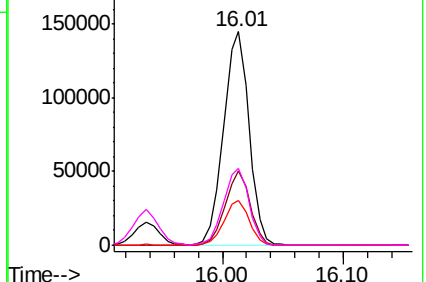
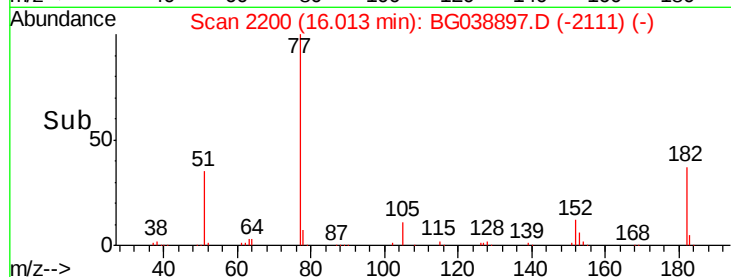


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

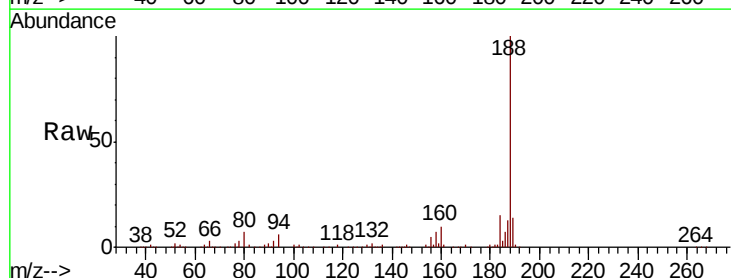
Tgt Ion: 188 Resp: 185109

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

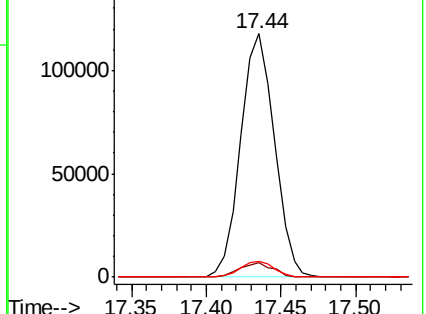
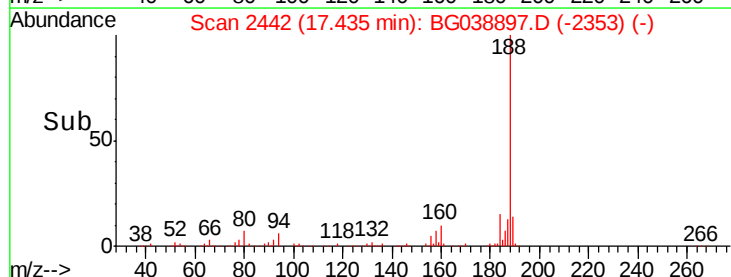
80 6.7 6.1 9.1

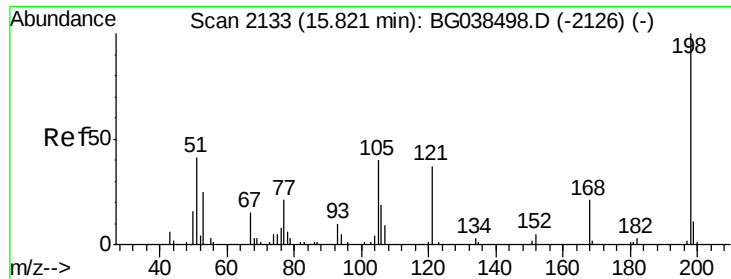


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

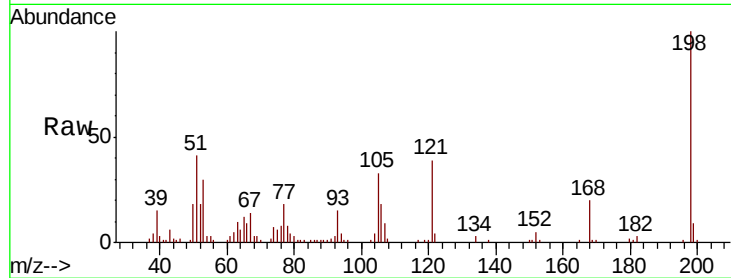




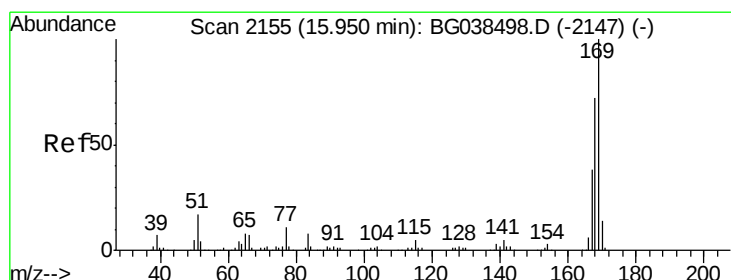
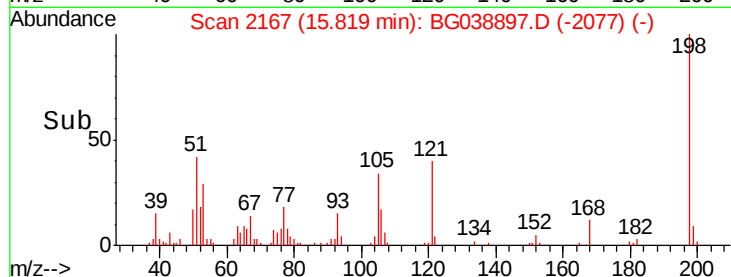
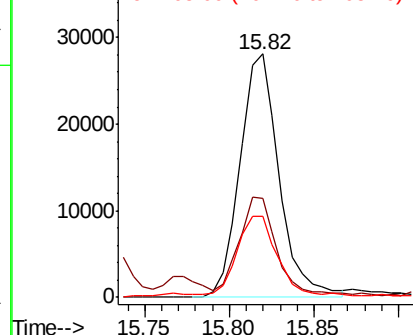
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.344 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:198 Resp: 45350
 Ion Ratio Lower Upper
 198 100
 51 40.9 28.6 68.6
 105 33.3 20.4 60.4

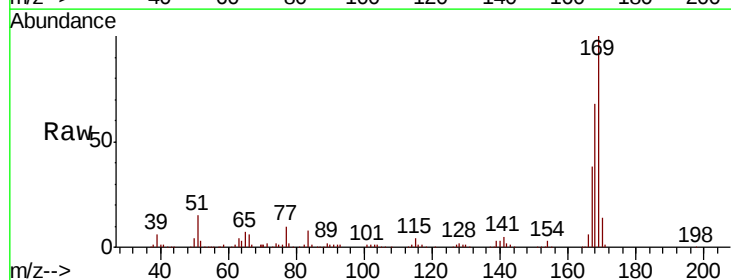


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

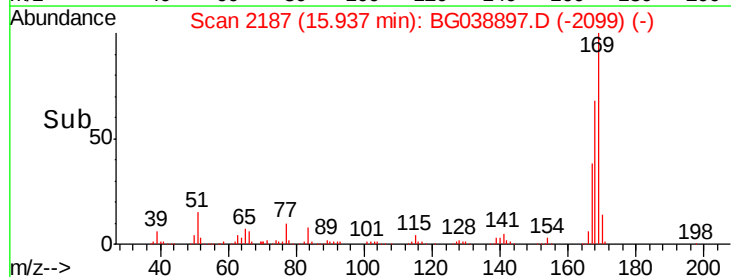
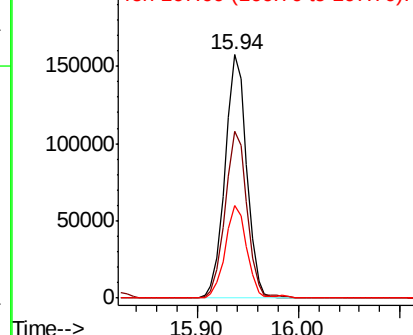


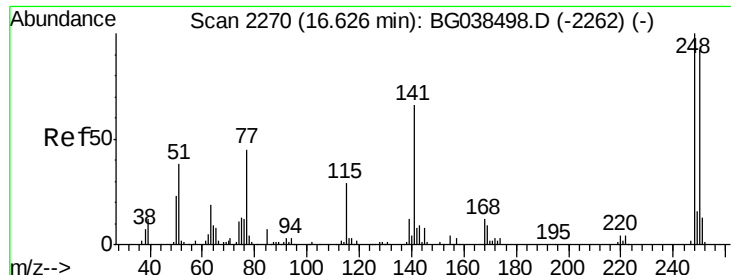
#66
 n-Nitrosodiphenylamine
 Concen: 42.747 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:169 Resp: 232499
 Ion Ratio Lower Upper
 169 100
 168 68.4 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

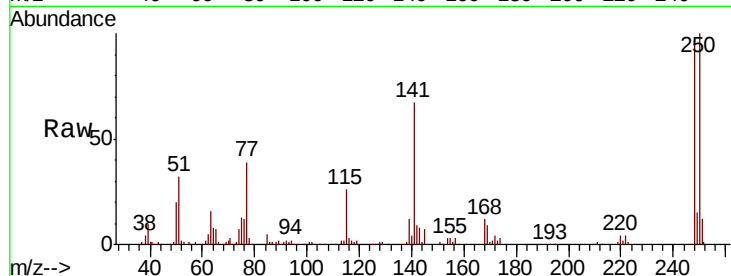




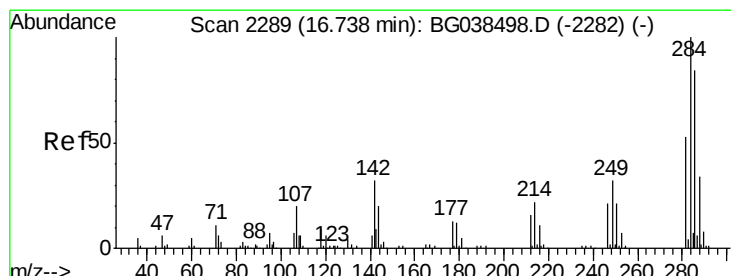
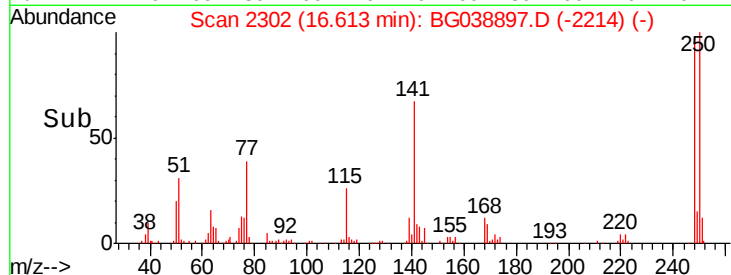
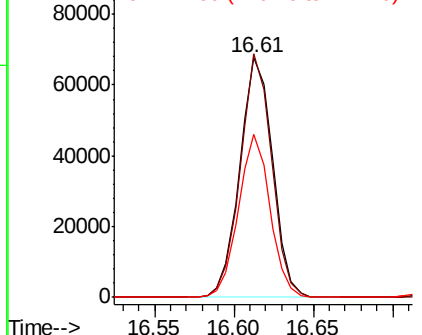
#67
 4-Bromophenyl-phenylether
 Concen: 43.162 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion:248 Resp: 97576
 Ion Ratio Lower Upper
 248 100
 250 101.6 73.4 110.2
 141 68.2 52.9 79.3

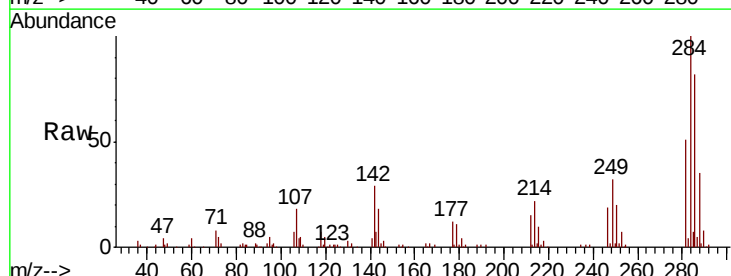


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

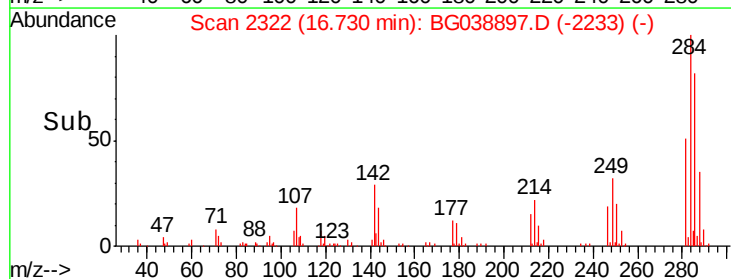
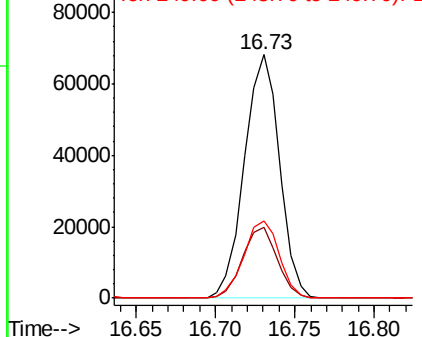


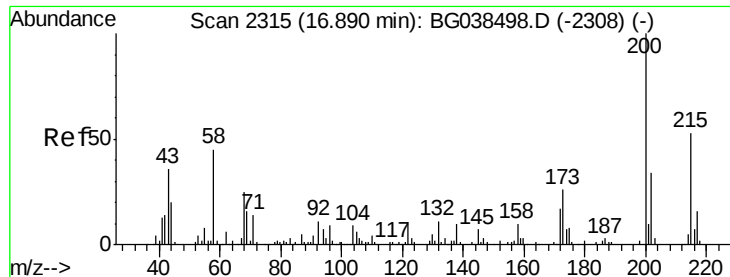
#68
 Hexachlorobenzene
 Concen: 44.786 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion:284 Resp: 104955
 Ion Ratio Lower Upper
 284 100
 142 29.2 25.8 38.6
 249 33.7 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: 47.181 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

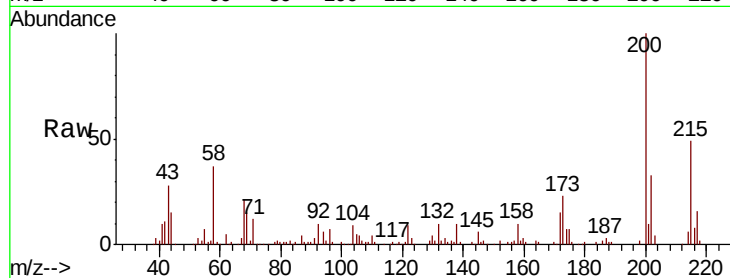
Tot Ion:200 Resp: 95232

Ion Ratio Lower Upper

200 100

173 23.3 5.9 45.9

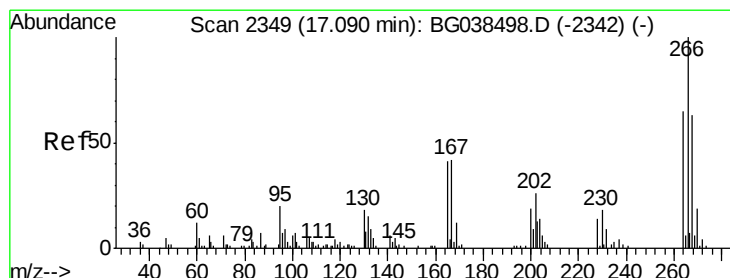
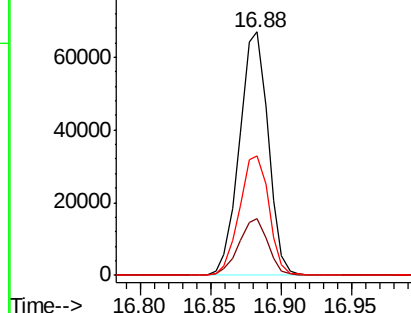
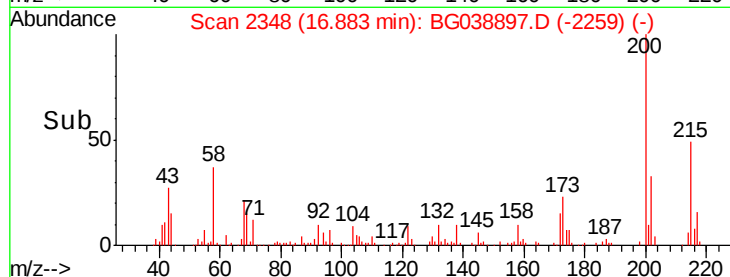
215 48.9 33.1 73.1



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: 63.892 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

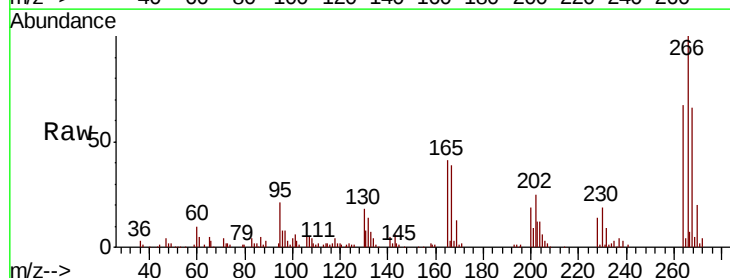
Tgt Ion:266 Resp: 88563

Ion Ratio Lower Upper

266 100

268 71.0 55.0 82.6

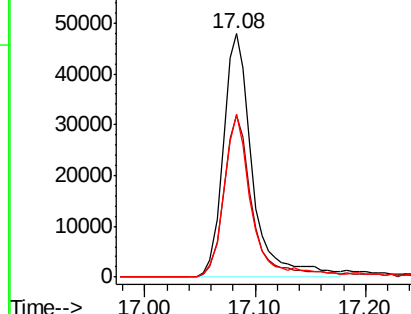
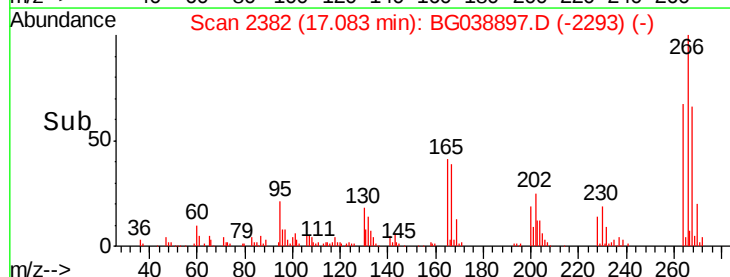
264 71.6 56.7 85.1

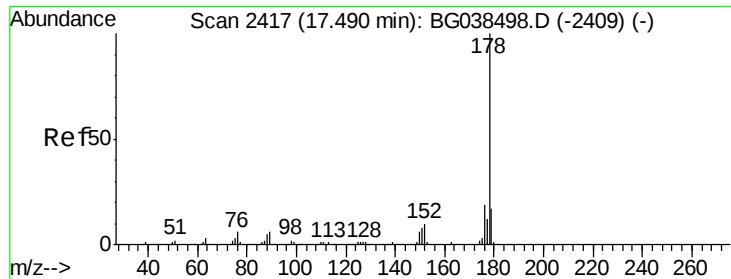


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

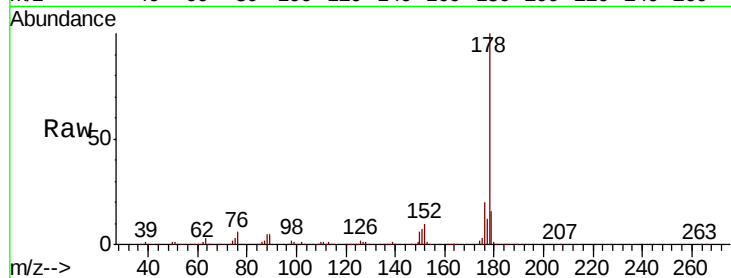




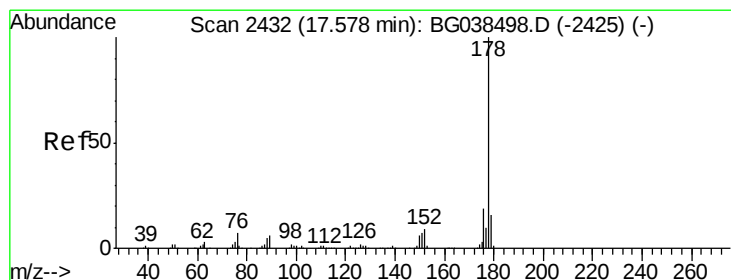
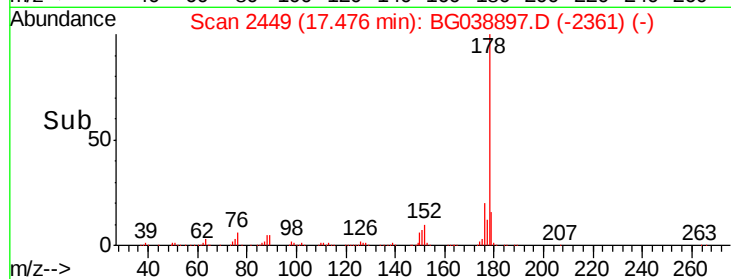
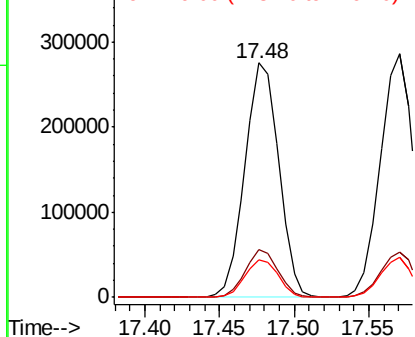
#71
Phenanthrene
Concen: 45.083 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion:178 Resp: 432759
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 15.9 13.2 19.8

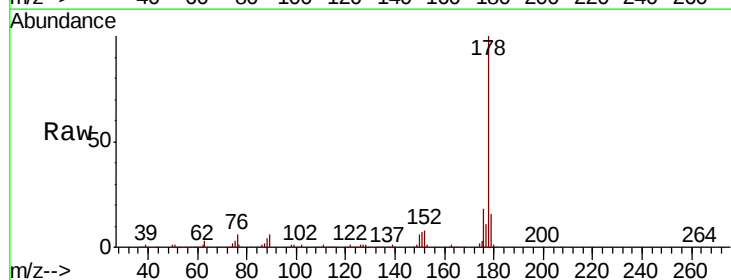


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

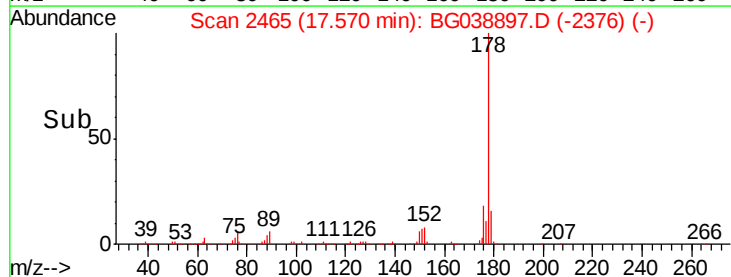
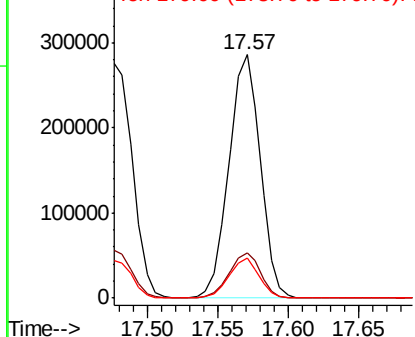


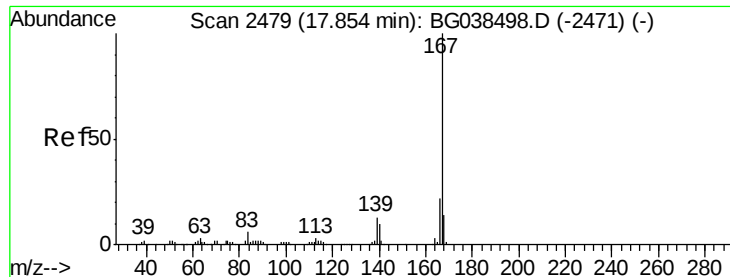
#72
Anthracene
Concen: 46.499 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:178 Resp: 440639
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 16.3 12.9 19.3



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





#73

Carbazole

Concen: 41.324 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

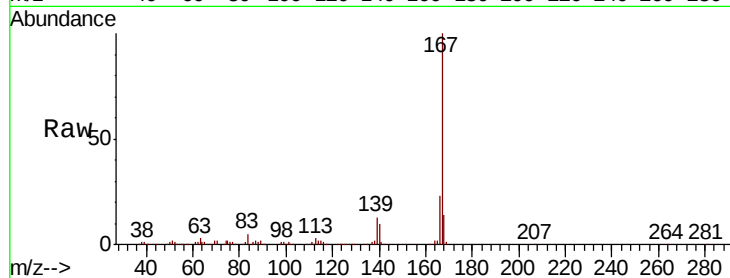
Tot Ion:167 Resp: 387285

Ion Ratio Lower Upper

167 100

166 22.6 17.9 26.9

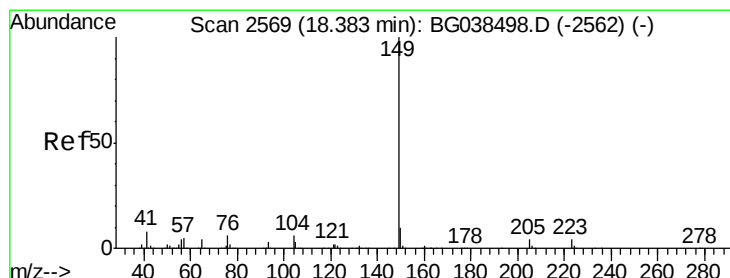
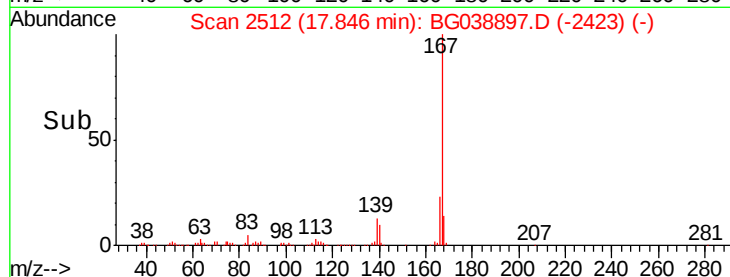
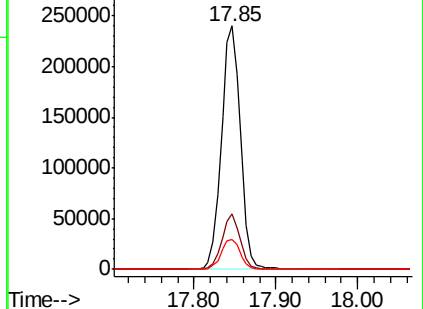
139 12.5 10.2 15.2



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: 42.068 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

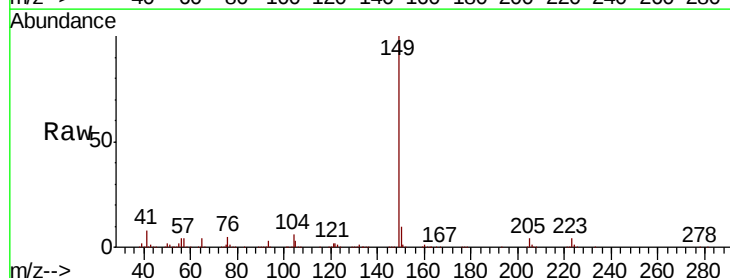
Tgt Ion:149 Resp: 452396

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

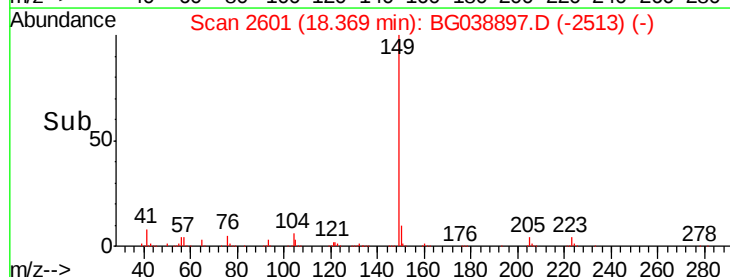
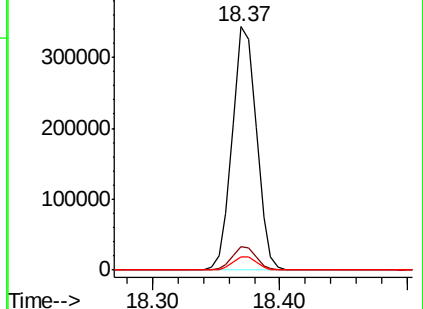
104 5.6 5.0 7.4

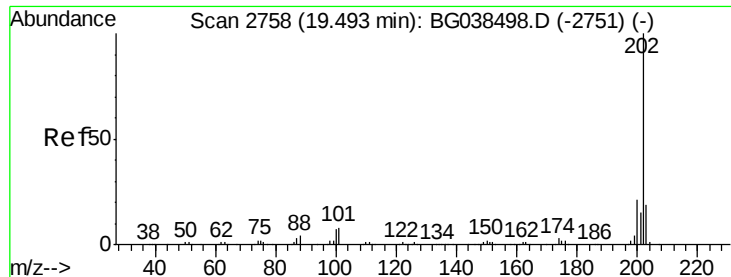


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

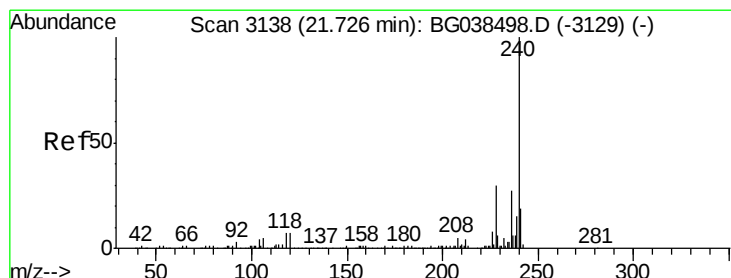
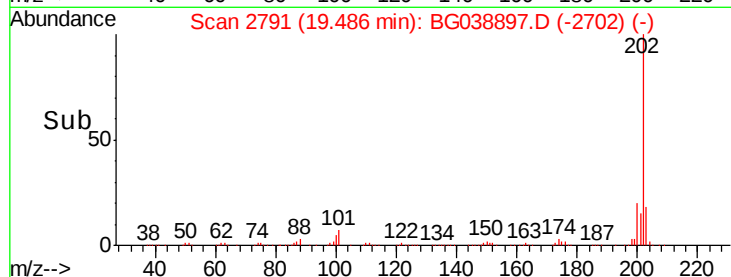
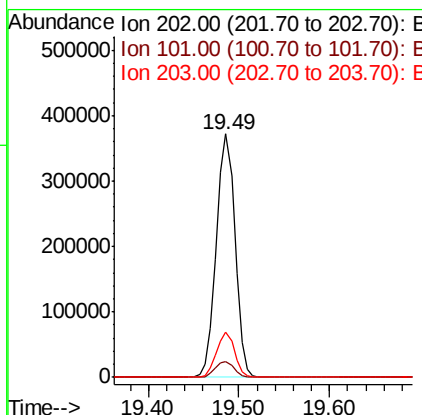
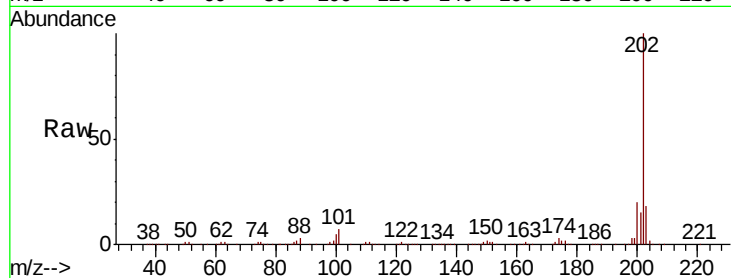




#75
 Fluoranthene
 Concen: 44.870 ng
 RT: 19.49 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

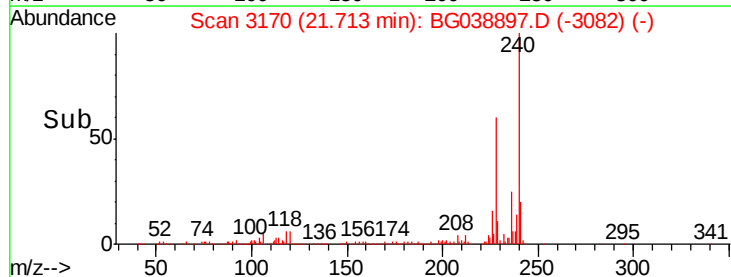
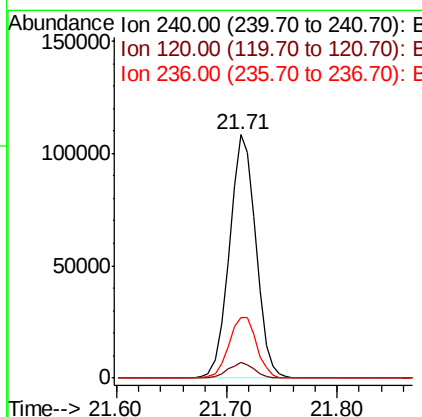
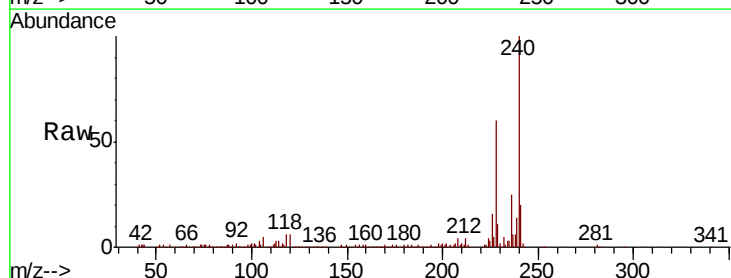
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

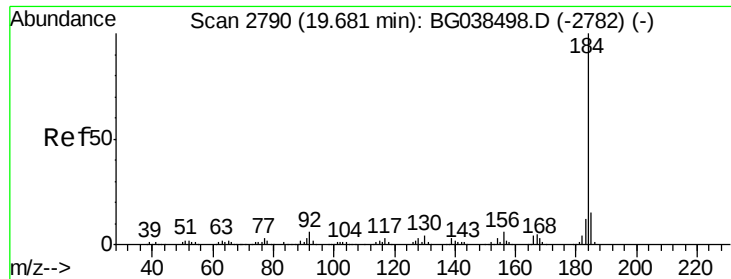
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.1
203	18.5	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.3	7.9
236	24.8	21.4	32.2





#77

Benzidine

Concen: 41.266 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

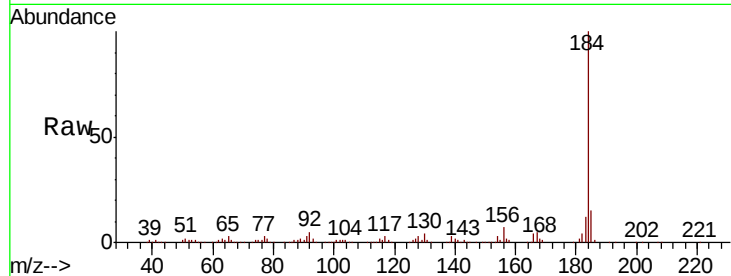
Tot Ion:184 Resp: 222366

Ion Ratio Lower Upper

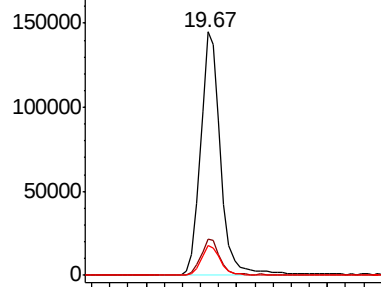
184 100

185 14.9 12.2 18.2

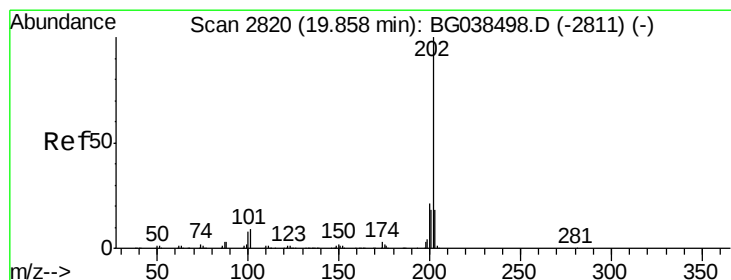
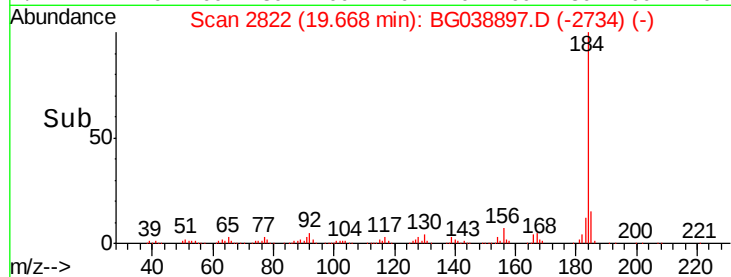
183 12.1 9.6 14.4



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



Time-->



#78

Pyrene

Concen: 43.778 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

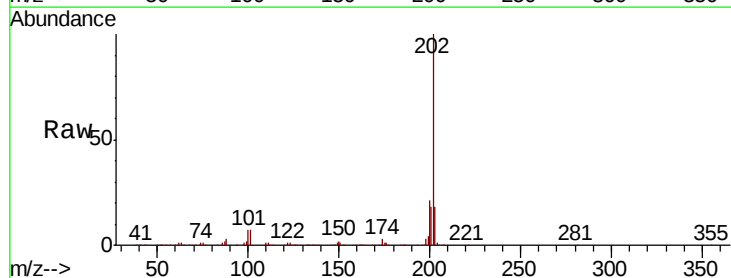
Tgt Ion:202 Resp: 526966

Ion Ratio Lower Upper

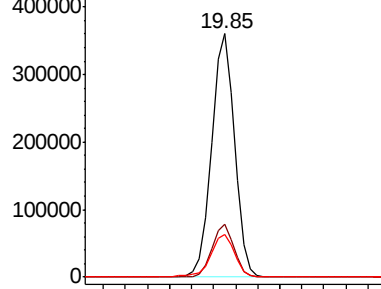
202 100

200 21.5 16.6 25.0

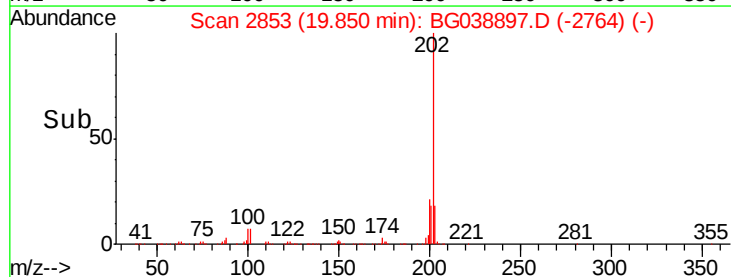
203 17.5 14.6 21.8

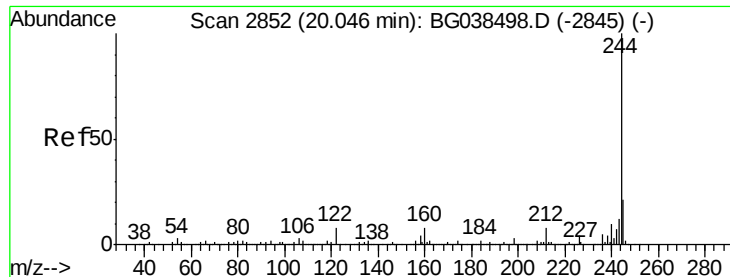


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 82.706 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

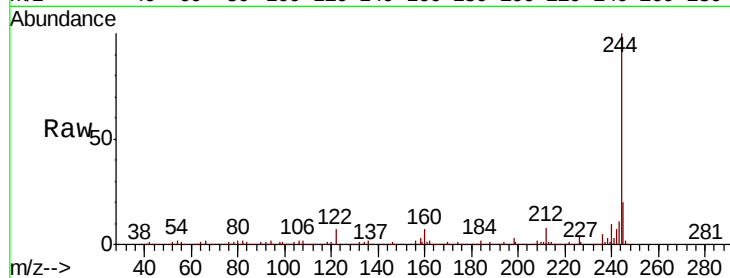
Tot Ion:244 Resp: 692428

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

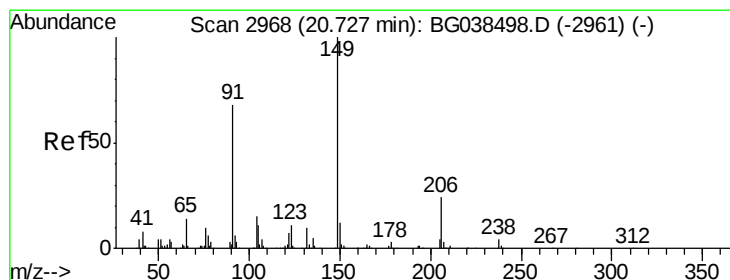
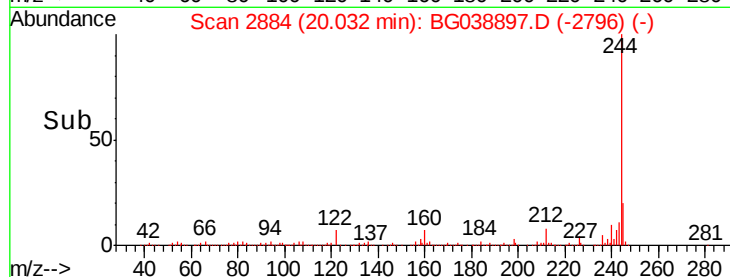
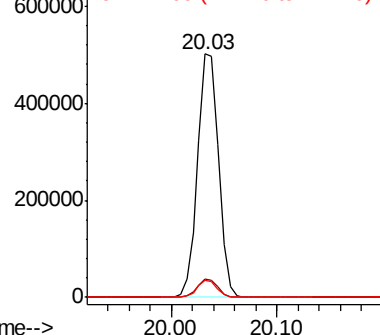
122 7.1 6.3 9.5



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: 42.012 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

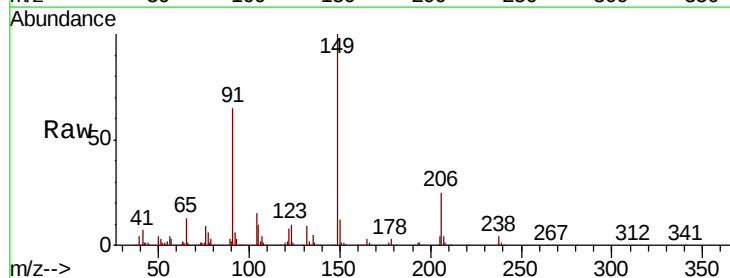
Tgt Ion:149 Resp: 197571

Ion Ratio Lower Upper

149 100

91 65.3 54.5 81.7

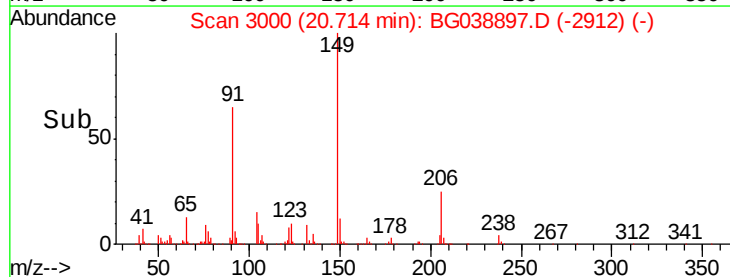
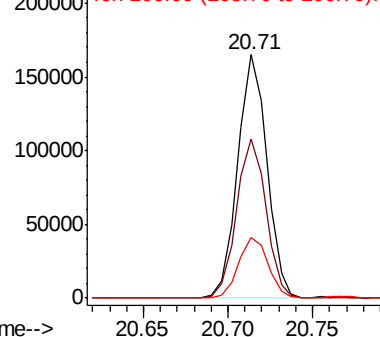
206 24.9 19.0 28.6

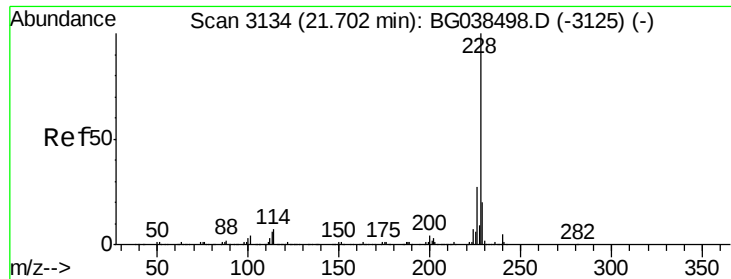


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

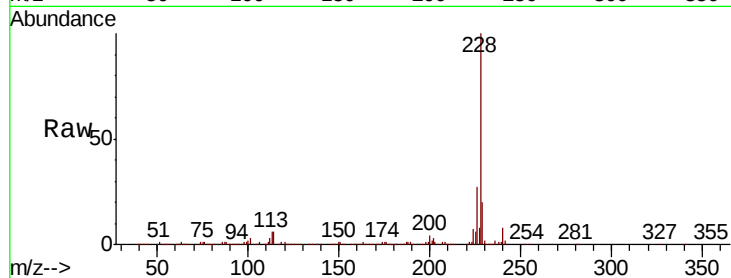




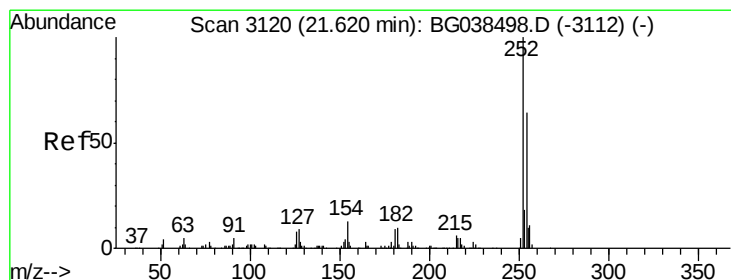
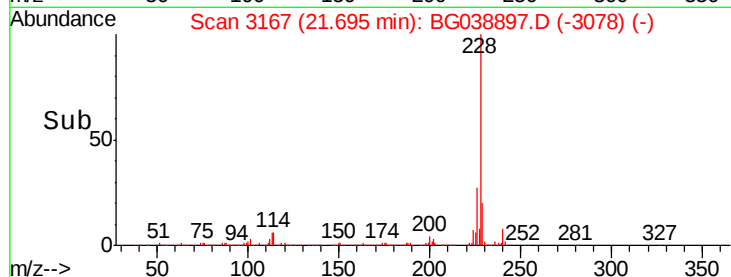
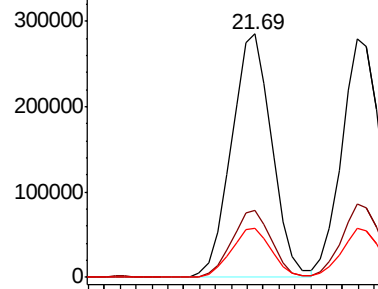
#81
Benzo(a)anthracene
Concen: 45.515 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Instrument :
BNA_G
ClientSampleId :
PB116088BS

Tot Ion:228 Resp: 505338
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.4 15.8 23.6

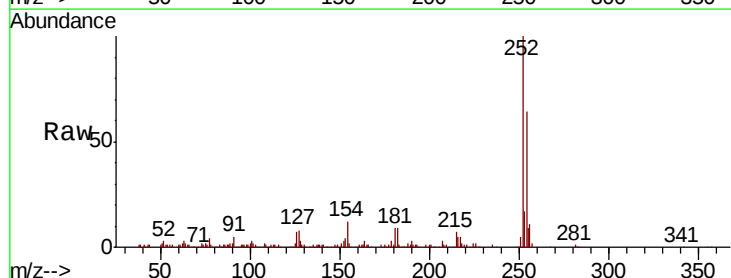


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

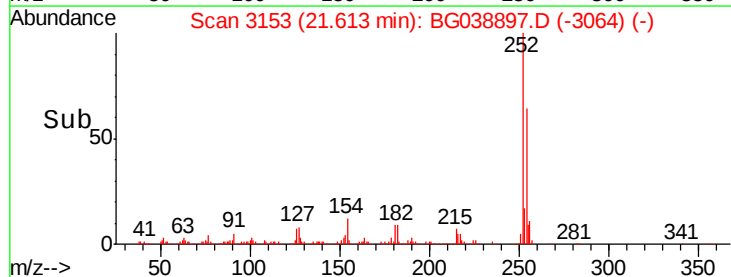
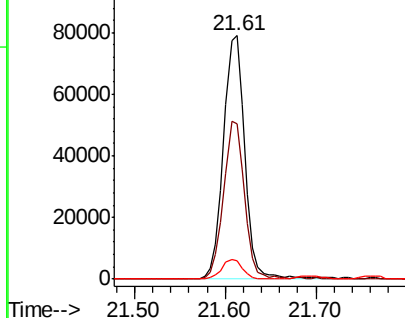


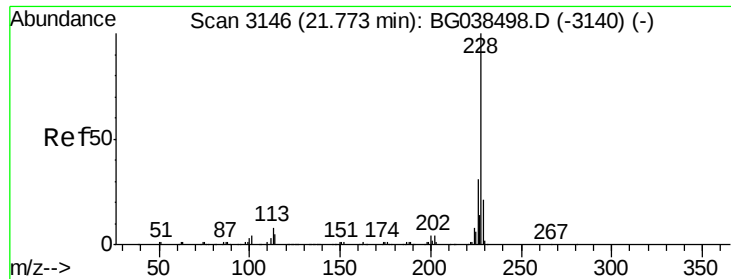
#82
3,3'-Dichlorobenzidine
Concen: 29.429 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:252 Resp: 129590
Ion Ratio Lower Upper
252 100
254 63.8 50.9 76.3
126 7.3 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

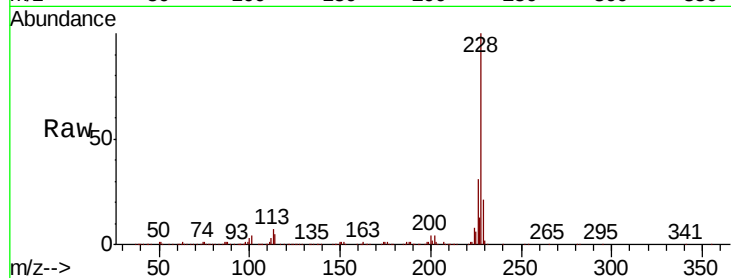




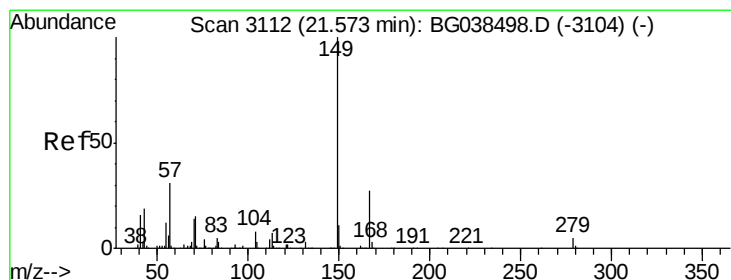
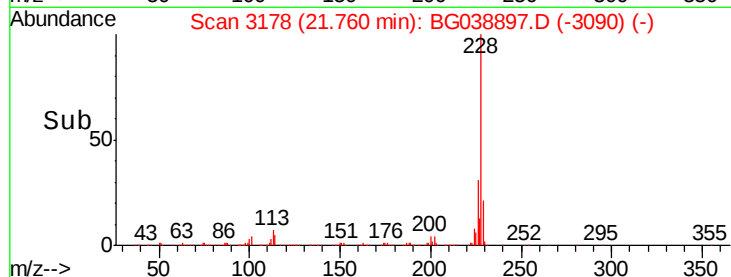
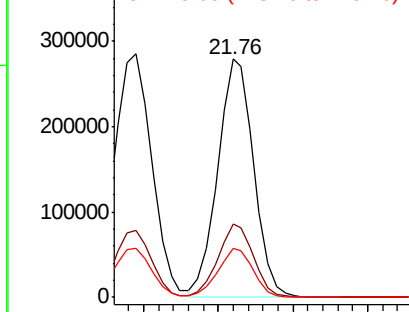
#83
 Chrysene
 Concen: 43.641 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	20.8	16.5	24.7

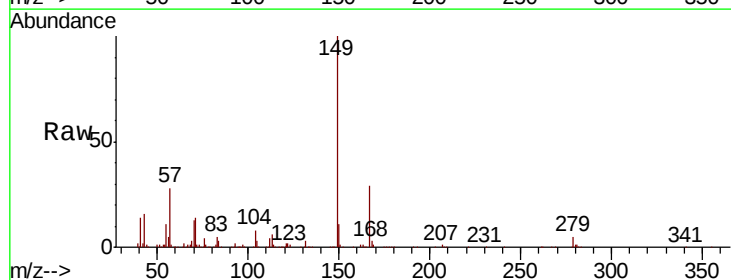


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

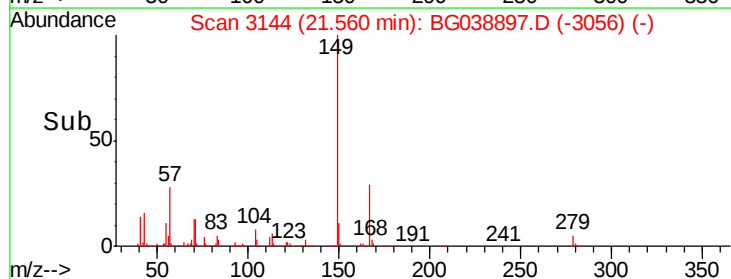
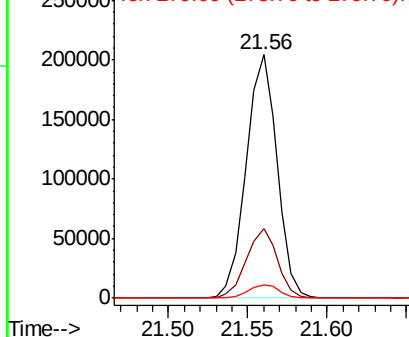


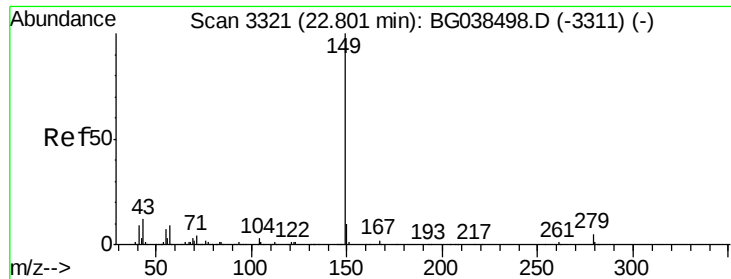
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.434 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038897.D
 Acq: 2 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.9	32.9
279	5.4	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: 41.881 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

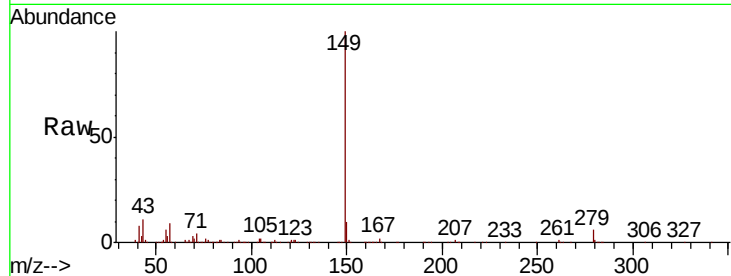
Tot Ion:149 Resp: 467823

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

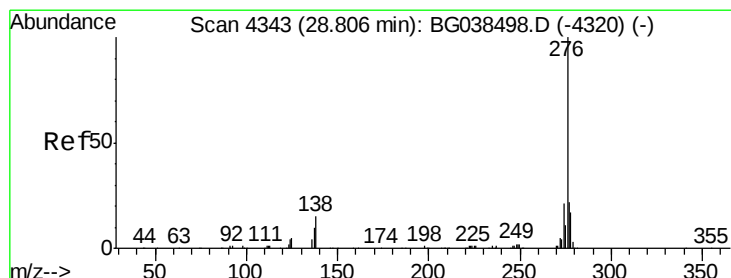
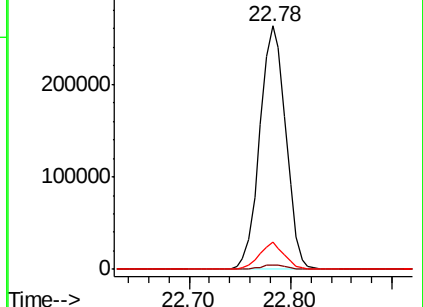
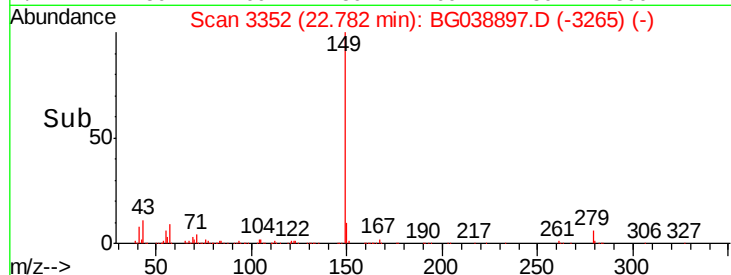
43 10.3 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.196 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.03 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

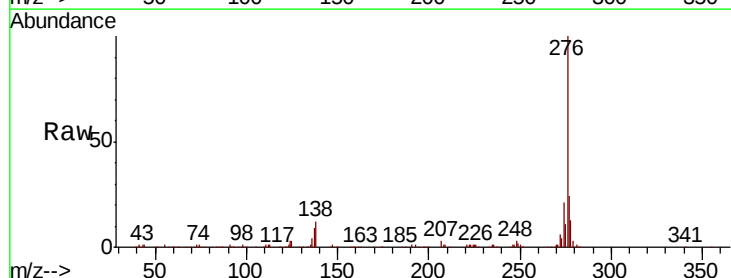
Tgt Ion:276 Resp: 568233

Ion Ratio Lower Upper

276 100

138 9.2 14.4 21.6#

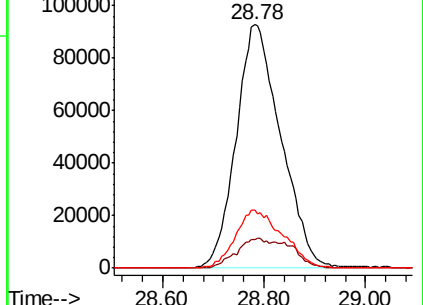
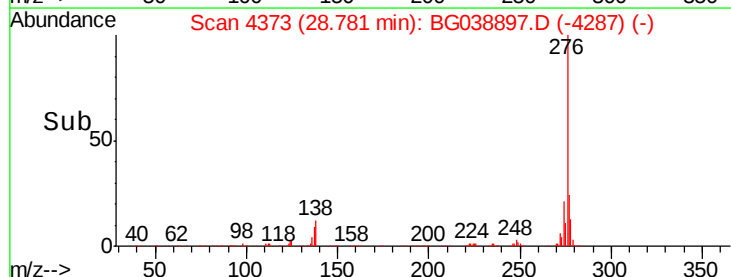
277 25.4 0.0 0.0#

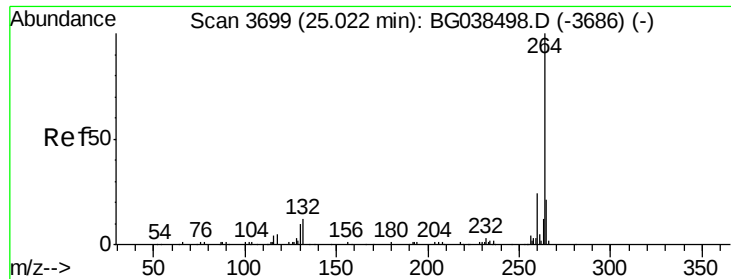


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.02 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

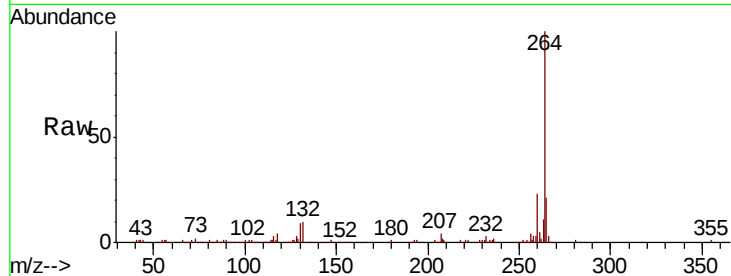
Tot Ion:264 Resp: 185220

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 20.5 17.0 25.4

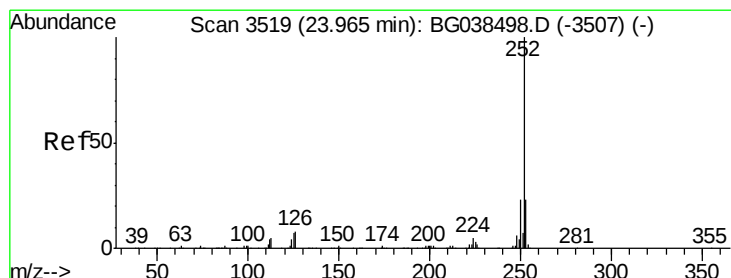
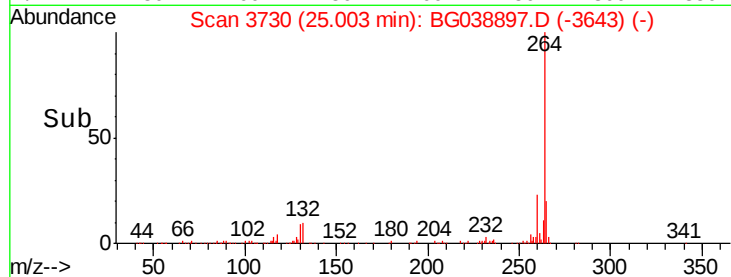
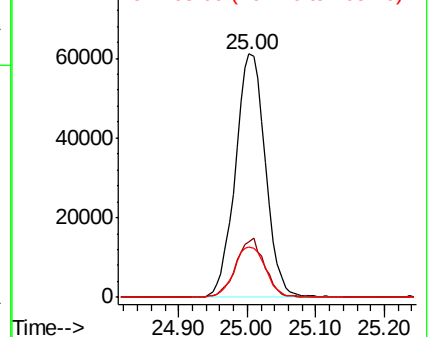


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.819 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

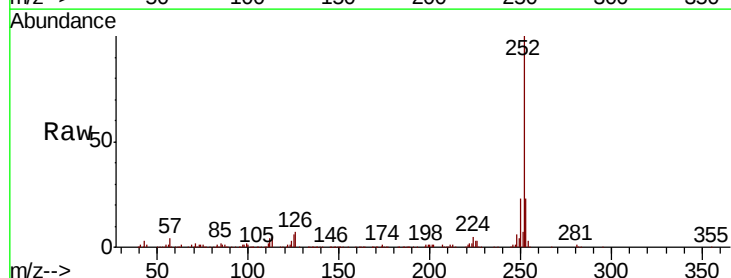
Tgt Ion:252 Resp: 496457

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

125 6.4 5.5 8.3

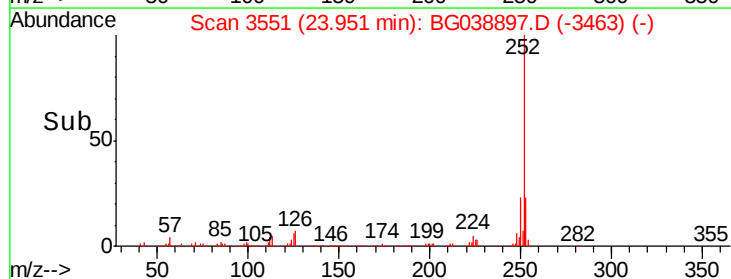
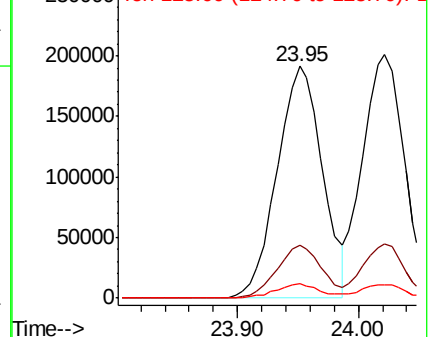


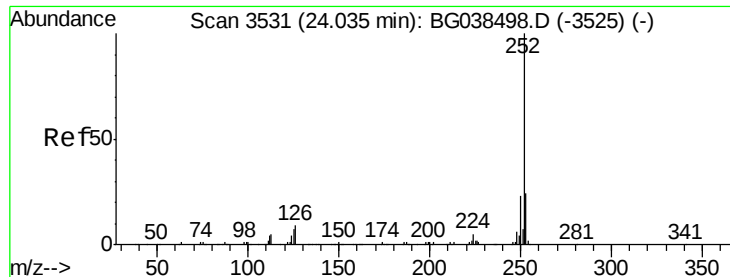
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

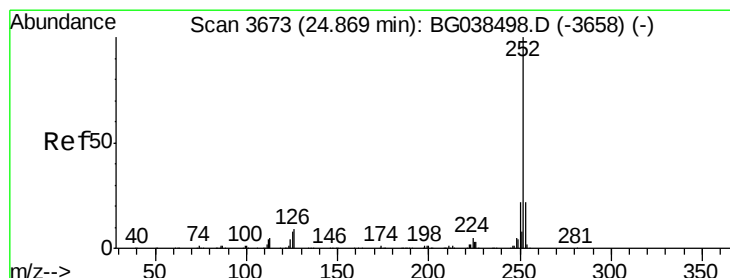
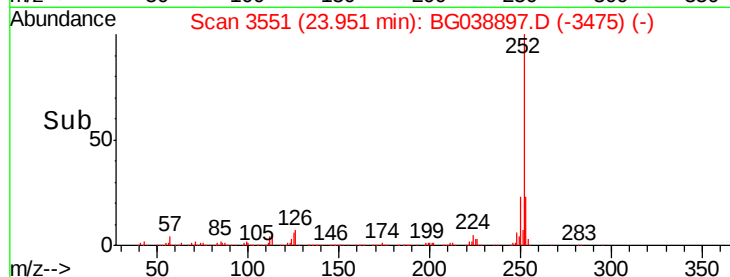
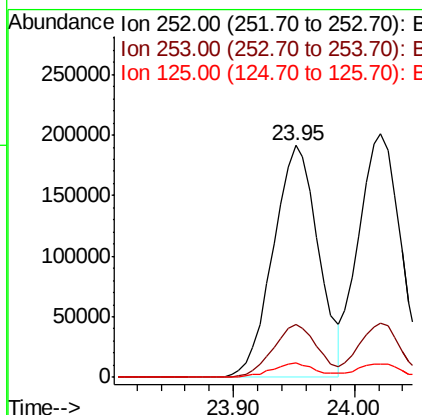
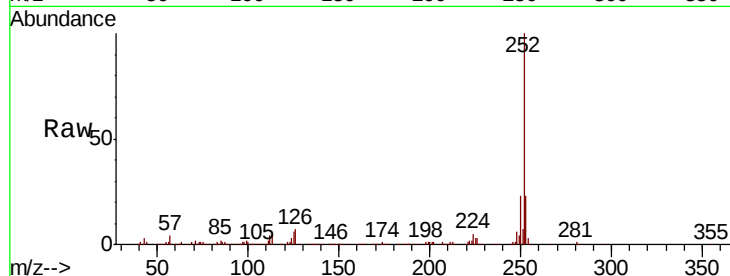




#89
Benzo(k)fluoranthene
Concen: 49.026 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.08 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

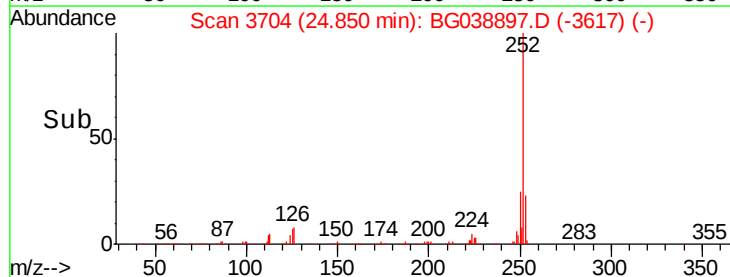
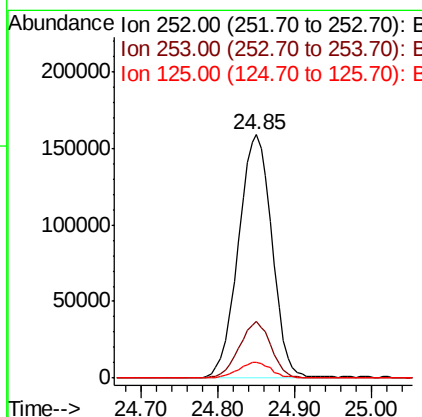
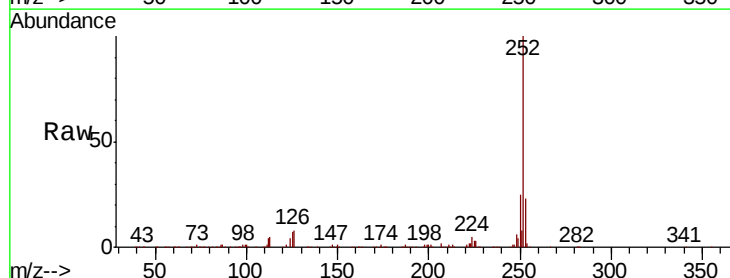
Instrument :
BNA_G
ClientSampleId :
PB116088BS

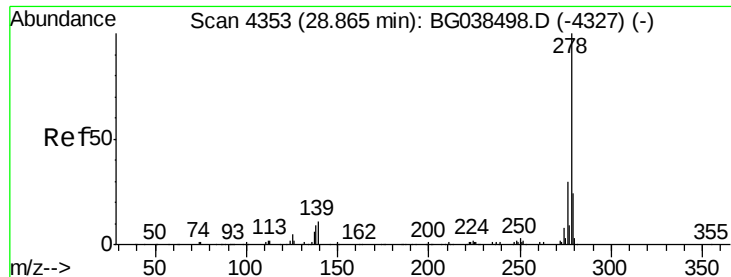
Tot Ion:252 Resp: 496457
Ion Ratio Lower Upper
252 100
253 22.9 18.9 28.3
125 6.4 5.4 8.2



#90
Benzo(a)pyrene
Concen: 49.505 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038897.D
Acq: 2 Jan 2019 18:17

Tgt Ion:252 Resp: 485679
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 6.5 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 48.677 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

Instrument :

BNA_G

ClientSampleId :

PB116088BS

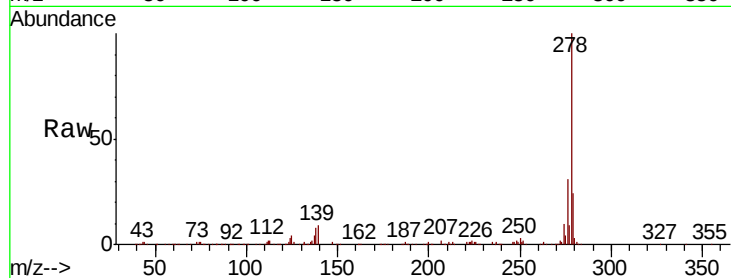
Tot Ion:278 Resp: 475492

Ion Ratio Lower Upper

278 100

139 8.9 8.6 12.8

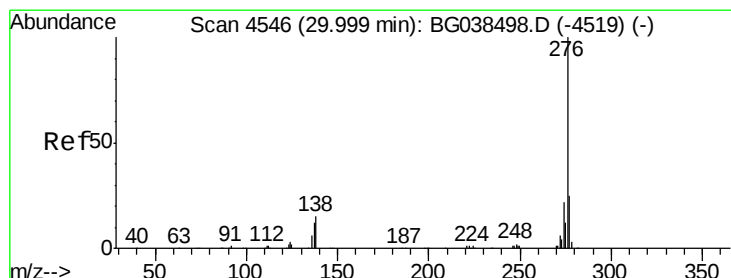
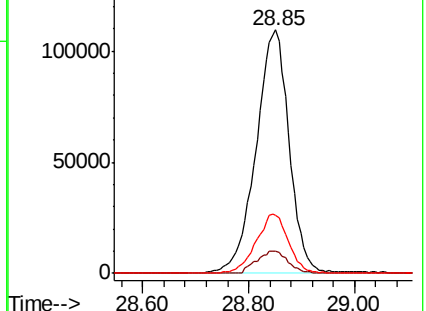
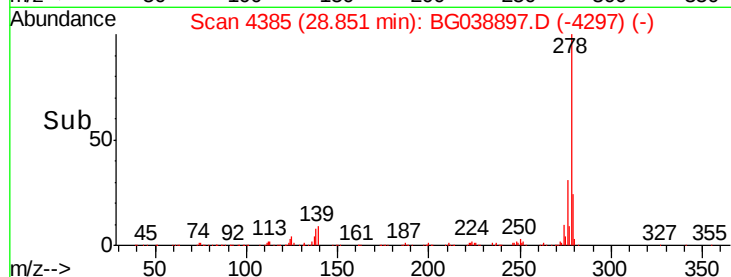
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.020 ng

RT: 29.97 min Scan# 4576

Delta R.T. -0.03 min

Lab File: BG038897.D

Acq: 2 Jan 2019 18:17

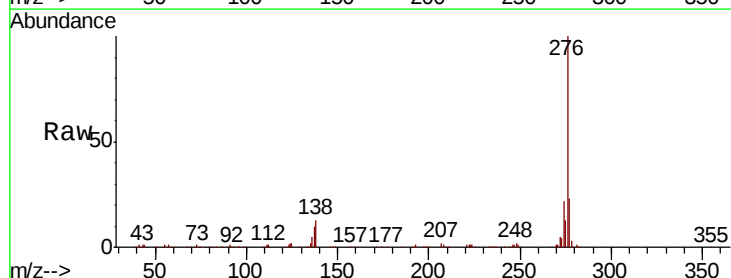
Tgt Ion:276 Resp: 471905

Ion Ratio Lower Upper

276 100

277 23.0 19.8 29.8

138 13.3 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

