

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
 Data File : BG038700.D
 Acq On : 18 Dec 2018 18:39
 Operator : JU/SJ
 Sample : PB115799BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Quant Time: Dec 19 06:59:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22614	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	88941	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	59852	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	157808	20.00	ng	0.00
76) Chrysene-d12	21.72	240	159181	20.00	ng	0.00
87) Perylene-d12	25.02	264	174699	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	175287	137.48	ng	0.00
7) Phenol-d6	7.21	99	237761	135.84	ng	0.00
23) Nitrobenzene-d5	9.24	82	120503	69.22	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	122029	147.94	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	298574	68.44	ng	0.00
79) Terphenyl-d14	20.04	244	620693	84.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20555	34.640	ng	98
3) Pyridine	3.89	79	55002	33.666	ng	# 87
4) n-Nitrosodimethylamine	3.81	42	35179	43.946	ng	86
6) Aniline	7.39	93	66187	29.622	ng	96
8) 2-Chlorophenol	7.62	128	63026	42.716	ng	98
9) Benzaldehyde	7.20	77	20929	18.432	ng	97
10) Phenol	7.24	94	80612	43.350	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	51890	35.049	ng	97
12) 1,3-Dichlorobenzene	7.94	146	65802	37.718	ng	96
13) 1,4-Dichlorobenzene	8.09	146	68439	38.304	ng	94
14) 1,2-Dichlorobenzene	8.41	146	63895	37.933	ng	98
15) Benzyl Alcohol	8.30	79	55902	40.918	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	117552	34.661	ng	99
17) 2-Methylphenol	8.50	107	53576	43.003	ng	98
18) Hexachloroethane	9.14	117	24499	37.524	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	44465	36.170	ng	99
20) 3+4-Methylphenols	8.82	107	73874	42.935	ng	97
22) Acetophenone	8.88	105	89822	40.432	ng	# 94
24) Nitrobenzene	9.28	77	69699	39.574	ng	97
25) Isophorone	9.79	82	126354	40.394	ng	99
26) 2-Nitrophenol	9.99	139	35769	39.681	ng	96
27) 2,4-Dimethylphenol	10.03	122	63749	49.346	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	71730	40.635	ng	97
29) 2,4-Dichlorophenol	10.52	162	68942	47.969	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	70522	40.623	ng	95
31) Naphthalene	10.93	128	191074	43.602	ng	98
32) Benzoic acid	10.19	122	23009	32.266	ng	# 81
33) 4-Chloroaniline	11.04	127	46781	24.589	ng	95
34) Hexachlorobutadiene	11.19	225	47716	40.621	ng	92
35) Caprolactam	11.82	113	23135	38.897	ng	94
36) 4-Chloro-3-methylphenol	12.15	107	70504	42.988	ng	93
37) 2-Methylnaphthalene	12.53	142	146884	46.983	ng	99
38) 1-Methylnaphthalene	12.74	142	138719	45.726	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87224	38.987	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121818\
 Data File : BG038700.D
 Acq On : 18 Dec 2018 18:39
 Operator : JU/SJ
 Sample : PB115799BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Quant Time: Dec 19 06:59:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	105670	85.971	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	61638	44.808	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	67896	46.618	ng	98
46) 1,1'-Biphenyl	13.53	154	190678	38.002	ng	98
47) 2-Chloronaphthalene	13.58	162	155680	40.167	ng	97
48) 2-Nitroaniline	13.79	65	51984	42.108	ng	96
49) Acenaphthylene	14.42	152	254783	43.973	ng	99
50) Dimethylphthalate	14.15	163	205051	41.952	ng	98
51) 2,6-Dinitrotoluene	14.28	165	46616	42.086	ng	98
52) Acenaphthene	14.76	154	143836	41.515	ng	100
53) 3-Nitroaniline	14.61	138	34618	30.660	ng	99
54) 2,4-Dinitrophenol	14.82	184	41583	64.190	ng	96
55) Dibenzofuran	15.09	168	250169	42.123	ng	97
56) 4-Nitrophenol	14.92	139	72368	84.486	ng	99
57) 2,4-Dinitrotoluene	15.06	165	66538	42.651	ng	99
58) Fluorene	15.74	166	204446	46.464	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	61060	46.598	ng	98
60) Diethylphthalate	15.50	149	211591	39.434	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	112946	41.141	ng	97
62) 4-Nitroaniline	15.78	138	51799	44.561	ng	95
63) Azobenzene	16.02	77	185233	41.325	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	41404	36.780	ng	92
66) n-Nitrosodiphenylamine	15.95	169	187300	40.395	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	75574	39.213	ng	93
68) Hexachlorobenzene	16.74	284	79602	39.844	ng	97
69) Atrazine	16.89	200	77497	45.037	ng	100
70) Pentachlorophenol	17.09	266	81600	69.053	ng	98
71) Phenanthrene	17.49	178	358476	43.805	ng	99
72) Anthracene	17.58	178	369995	45.799	ng	99
73) Carbazole	17.85	167	327422	40.981	ng	98
74) Di-n-butylphthalate	18.38	149	381510	41.614	ng	98
75) Fluoranthene	19.49	202	447038	44.151	ng	98
77) Benzidine	19.68	184	203325	43.191	ng	99
78) Pyrene	19.85	202	445378	42.353	ng	99
80) Butylbenzylphthalate	20.72	149	172389	41.960	ng	100
81) Benzo(a)anthracene	21.70	228	436822	45.035	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	112682	29.291	ng	100
83) Chrysene	21.77	228	407784	43.647	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	239139	41.040	ng	99
85) Di-n-octyl phthalate	22.80	149	408354	41.846	ng	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	494375	45.009	ng	# 75
88) Benzo(b)fluoranthene	23.96	252	432415	45.082	ng	98
89) Benzo(k)fluoranthene	24.03	252	428398	44.852	ng	98
90) Benzo(a)pyrene	24.86	252	424908	45.919	ng	# 98
91) Dibenzo(a,h)anthracene	28.87	278	412189	44.738	ng	98
92) Benzo(g,h,i)perylene	29.99	276	405245	44.631	ng	99

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

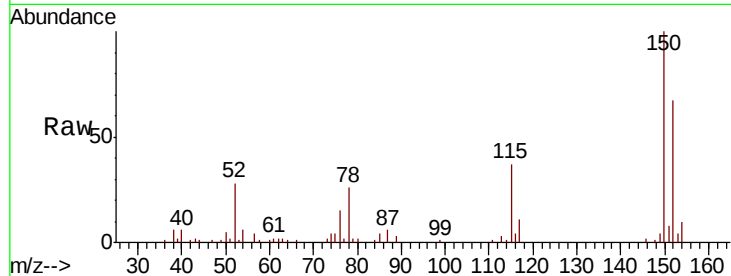


#1

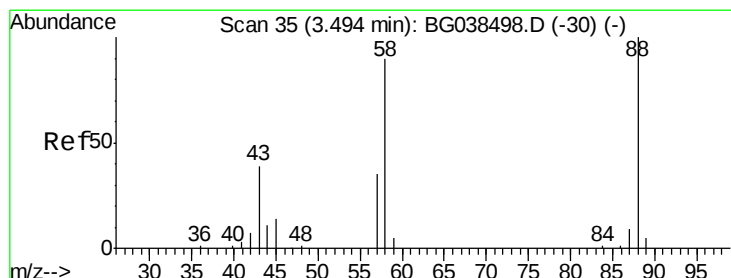
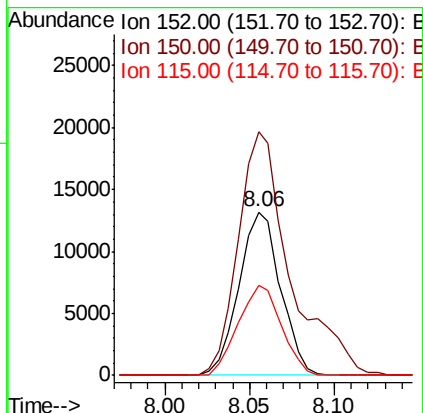
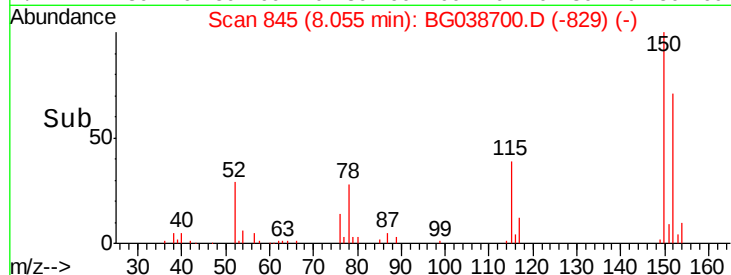
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion:152 Resp: 22614
Ion Ratio Lower Upper
152 100
150 149.3 119.5 179.3
115 54.8 49.6 74.4



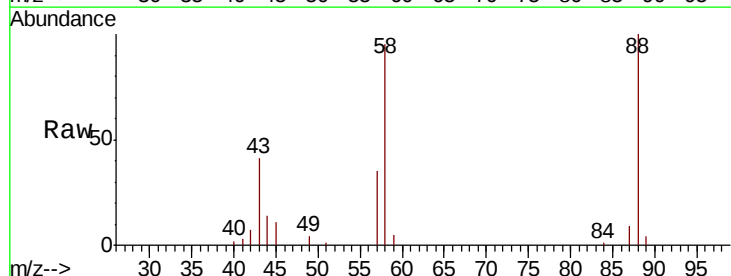
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



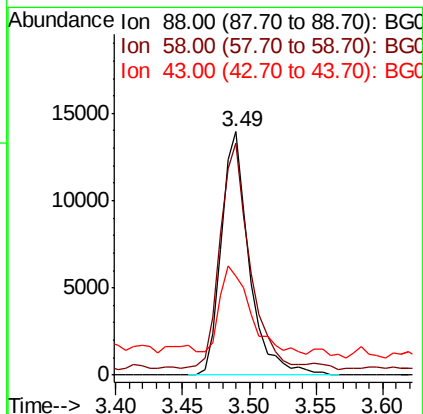
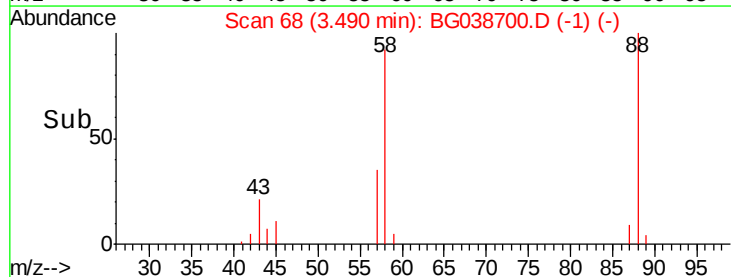
#2

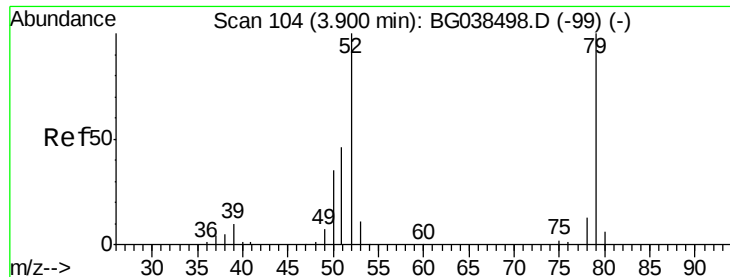
1,4-Dioxane
Concen: 34.640 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion: 88 Resp: 20555
Ion Ratio Lower Upper
88 100
58 96.6 75.7 113.5
43 39.6 31.6 47.4



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





#3

Pyridine

Concen: 33.666 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

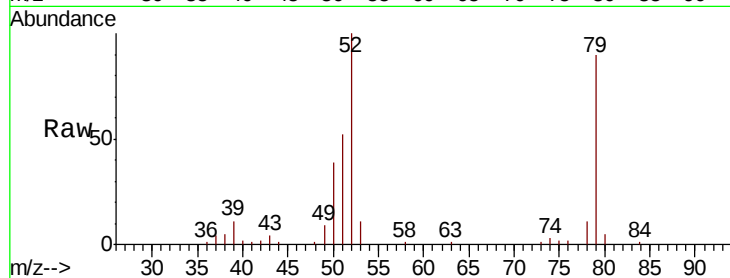
Tgt Ion: 79 Resp: 55002

Ion Ratio Lower Upper

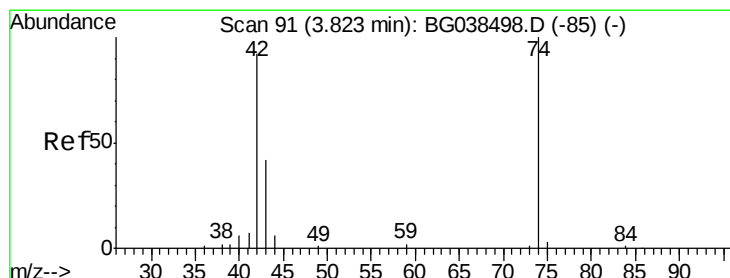
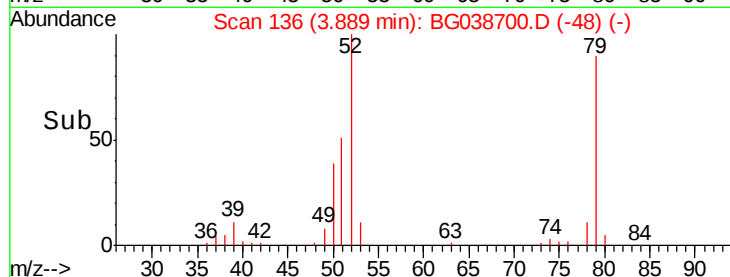
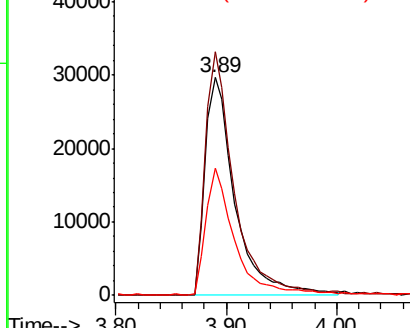
79 100

52 111.7 80.2 120.2

51 58.2 38.0 57.0#



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



#4

n-Nitrosodimethylamine

Concen: 43.946 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

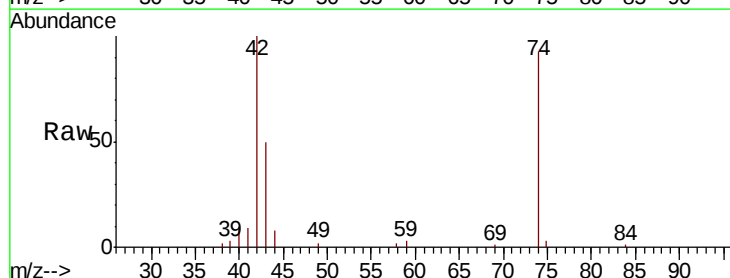
Tgt Ion: 42 Resp: 35179

Ion Ratio Lower Upper

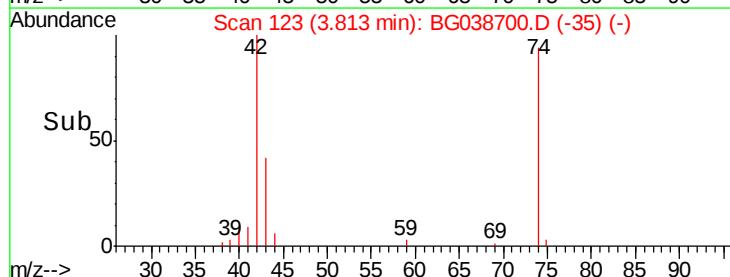
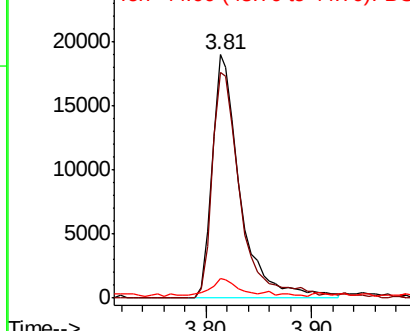
42 100

74 92.6 86.7 130.1

44 8.1 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: 137.480 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

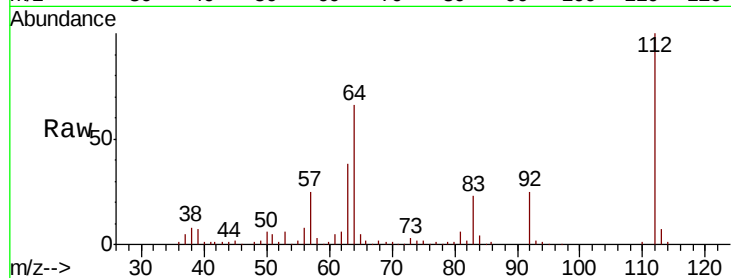
Tgt Ion: 112 Resp: 175287

Ion Ratio Lower Upper

112 100

64 65.6 53.4 80.2

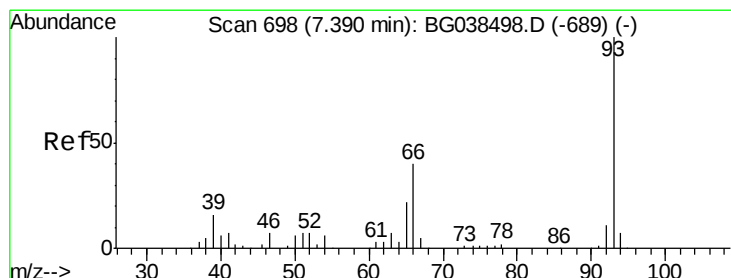
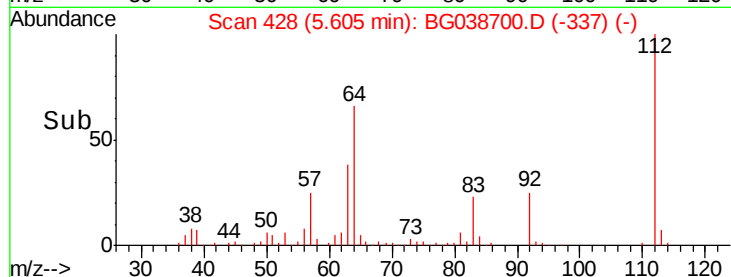
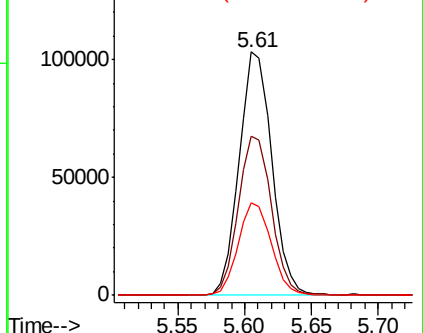
63 37.8 29.3 43.9



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: 29.622 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

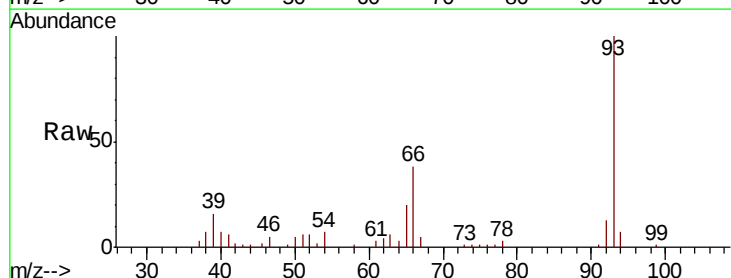
Tgt Ion: 93 Resp: 66187

Ion Ratio Lower Upper

93 100

66 37.7 31.7 47.5

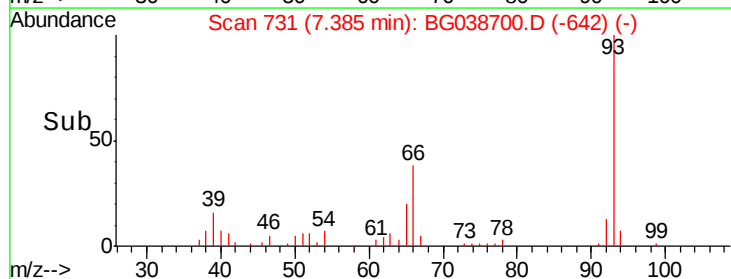
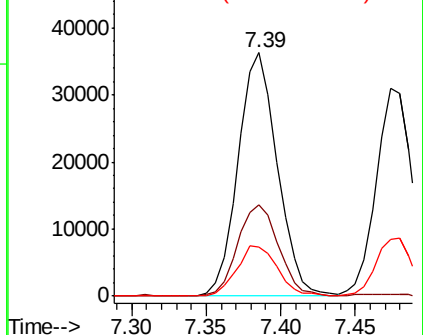
65 20.0 17.8 26.6

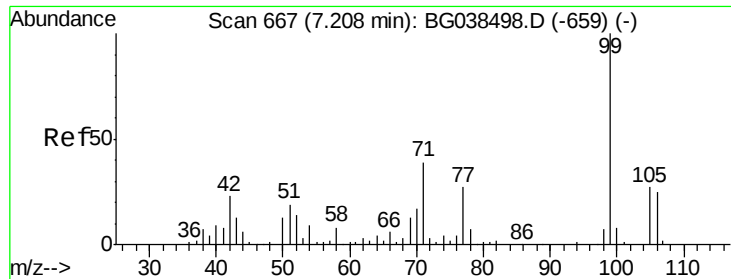


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.838 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

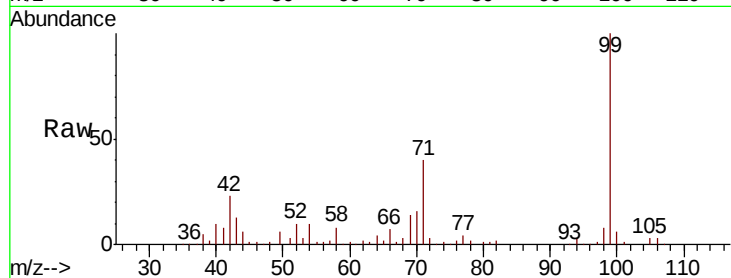
Tgt Ion: 99 Resp: 237761

Ion Ratio Lower Upper

99 100

42 23.3 18.5 27.7

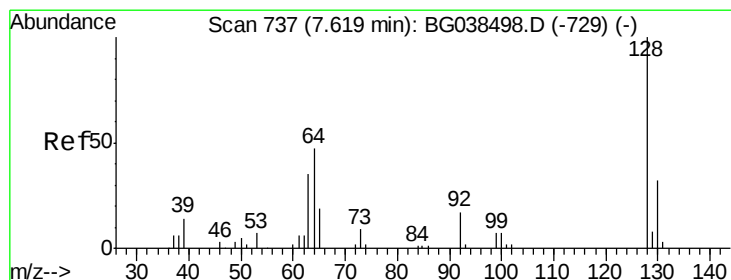
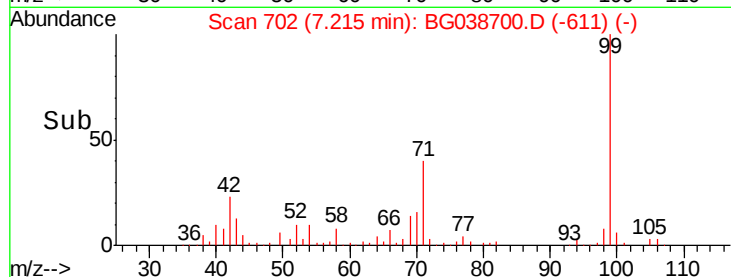
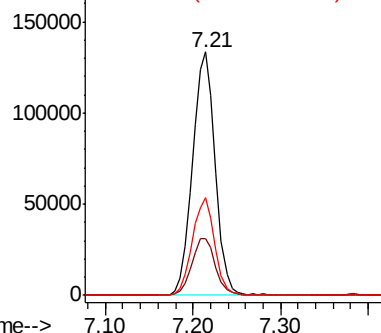
71 40.0 31.1 46.7



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: 42.716 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

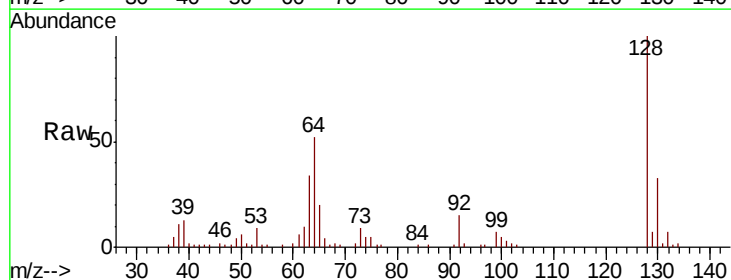
Tgt Ion: 128 Resp: 63026

Ion Ratio Lower Upper

128 100

130 32.9 11.8 51.8

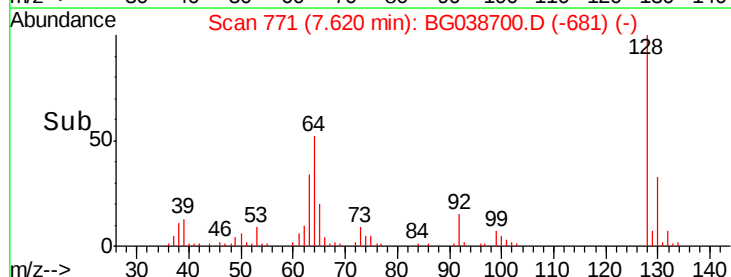
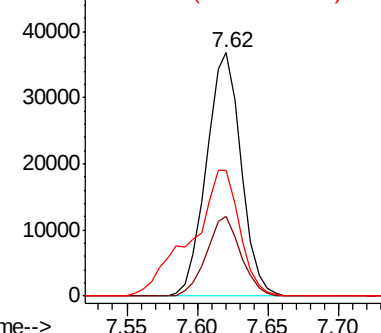
64 51.8 33.2 73.2

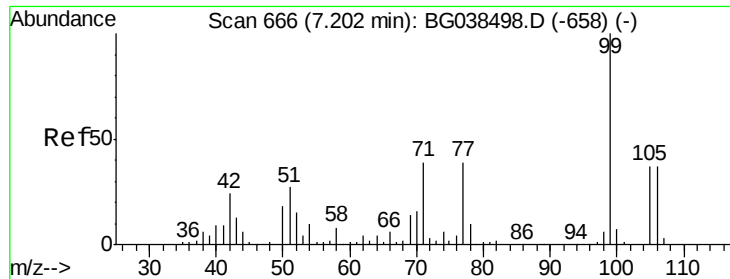


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.432 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

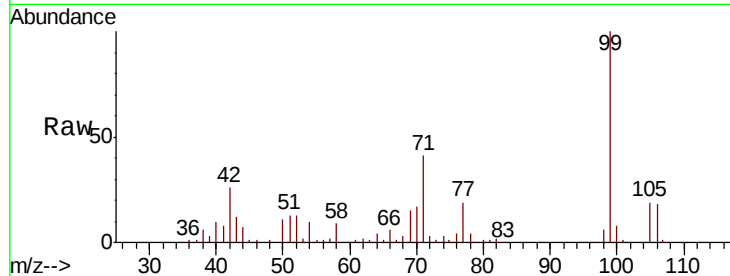
Tgt Ion: 77 Resp: 20929

Ion Ratio Lower Upper

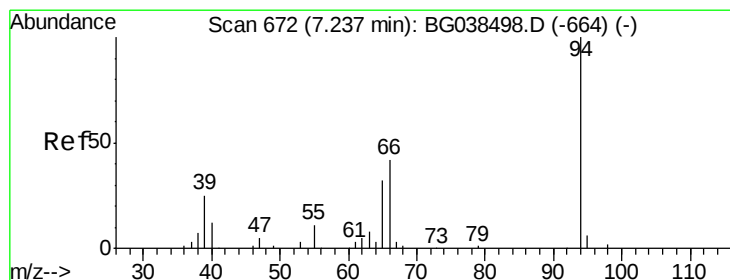
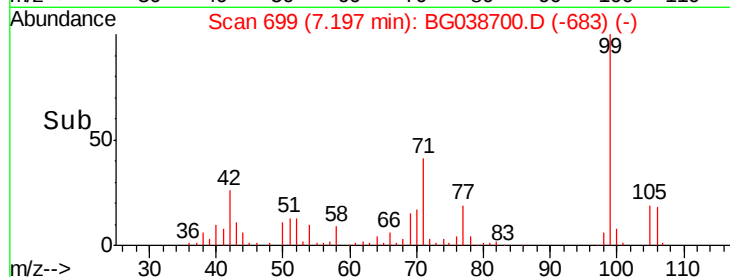
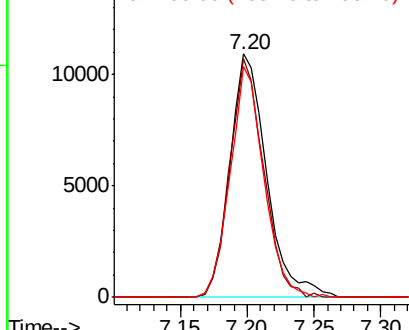
77 100

105 98.2 74.0 114.0

106 95.0 73.9 113.9



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



#10

Phenol

Concen: 43.350 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

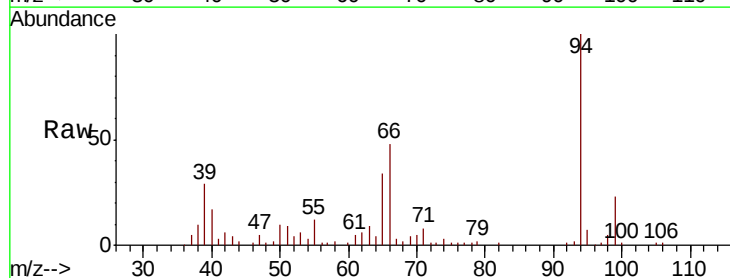
Tgt Ion: 94 Resp: 80612

Ion Ratio Lower Upper

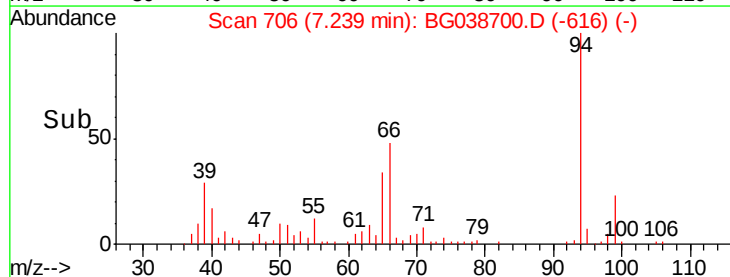
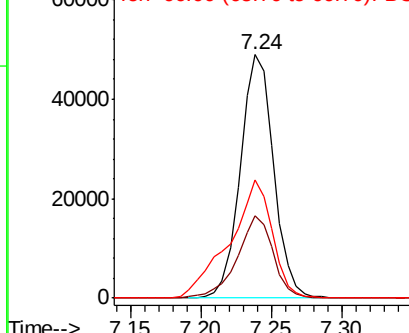
94 100

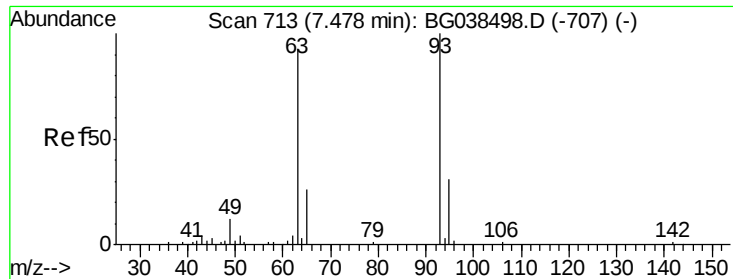
65 33.7 12.6 52.6

66 48.4 24.1 64.1



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

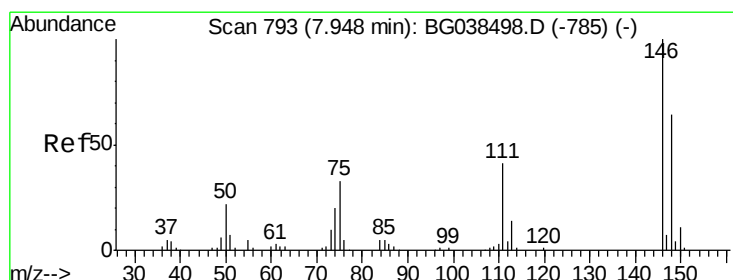
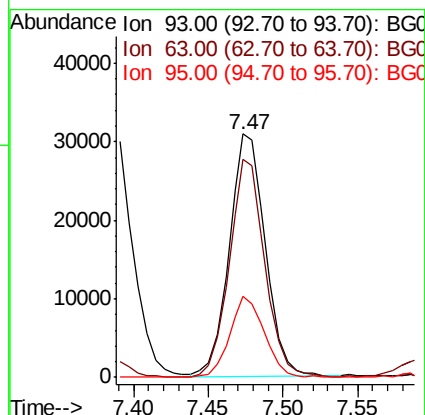
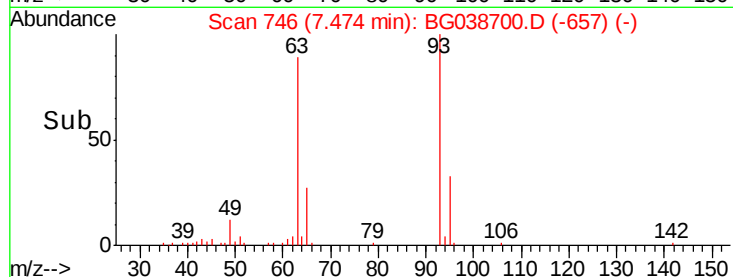
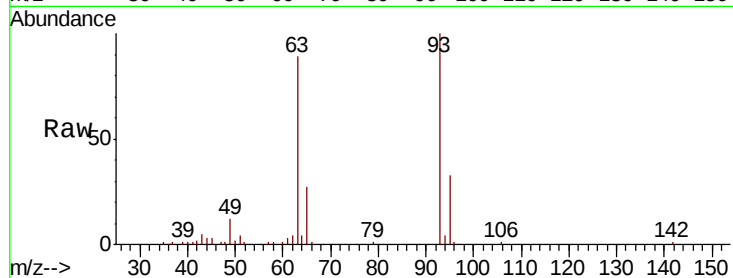




#11
bis(2-Chloroethyl)ether
Concen: 35.049 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

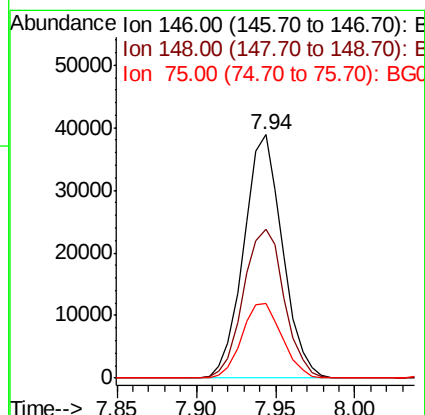
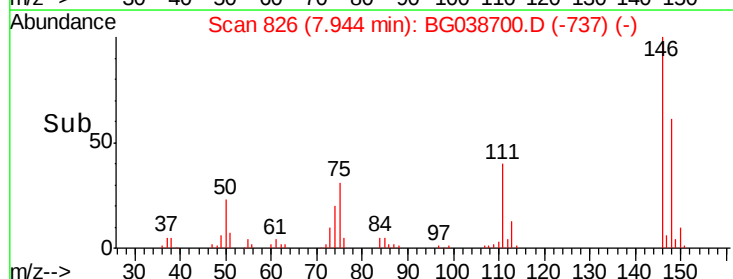
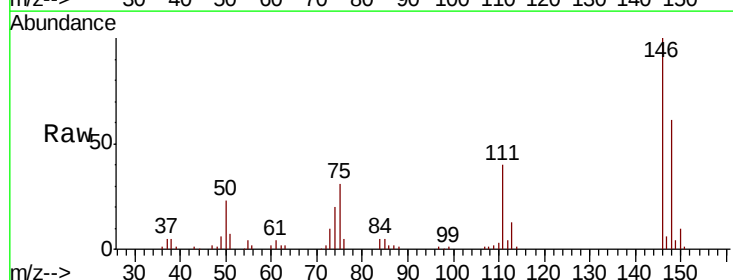
Instrument :
BNA_G
ClientSampleId :
PB115799BS

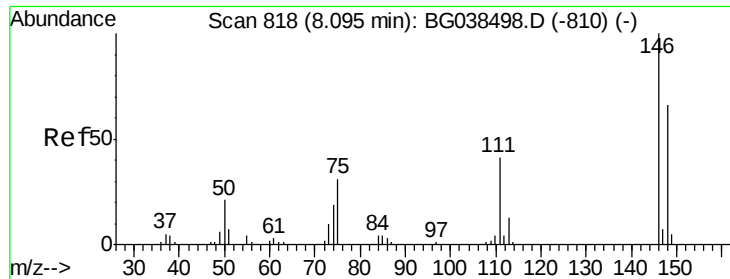
Tgt Ion: 93 Resp: 51890
Ion Ratio Lower Upper
93 100
63 89.5 72.2 112.2
95 33.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 37.718 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion: 146 Resp: 65802
Ion Ratio Lower Upper
146 100
148 61.3 51.4 77.0
75 30.6 26.1 39.1

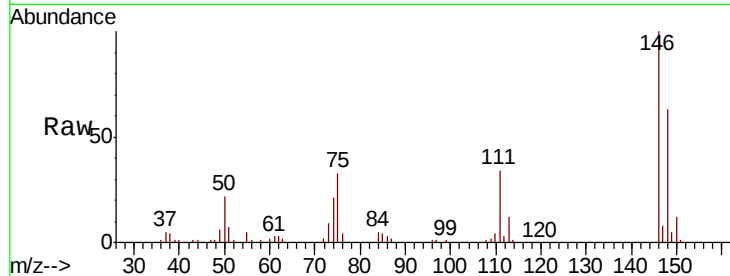




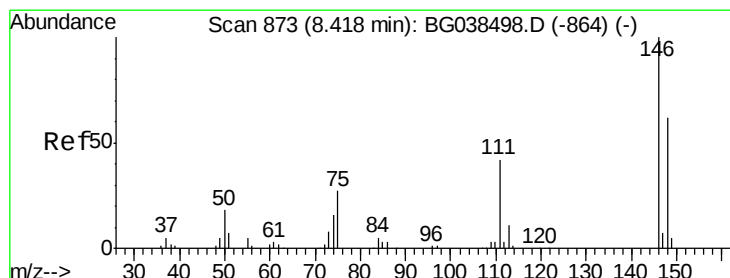
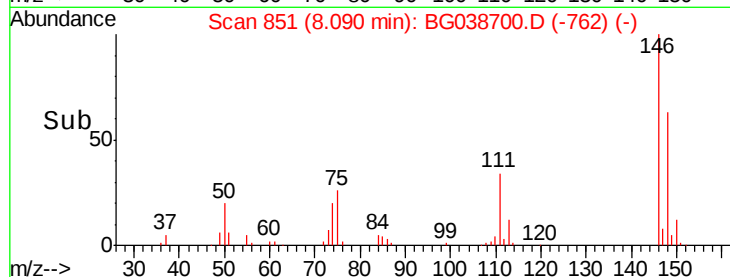
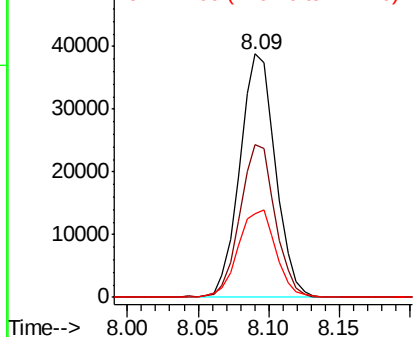
#13
 1,4-Dichlorobenzene
 Concen: 38.304 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion:146 Resp: 68439
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.4 78.6
 111 34.2 33.0 49.4

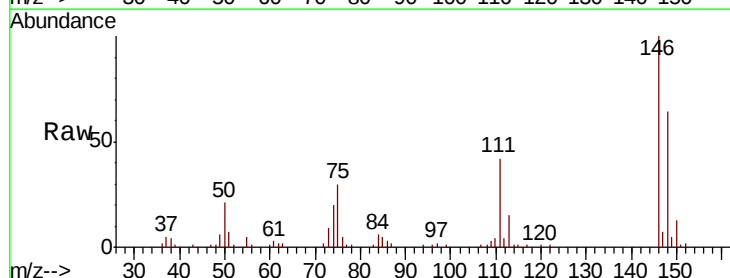


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

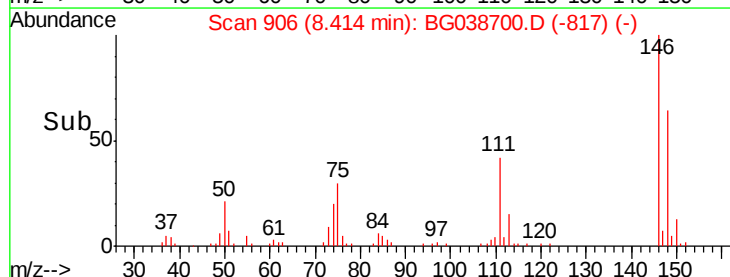
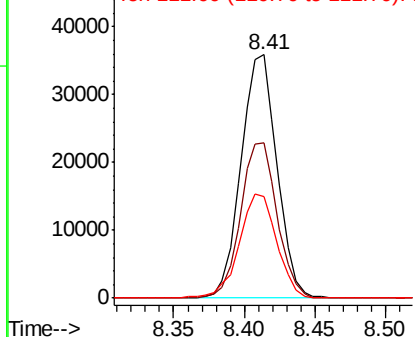


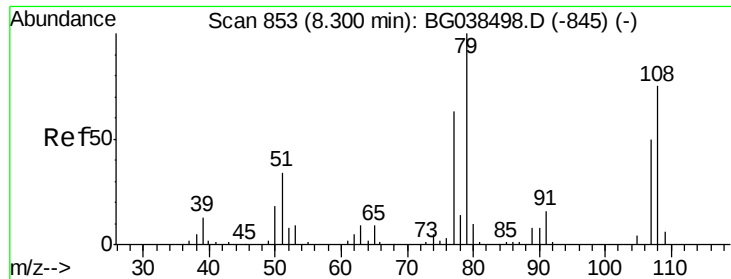
#14
 1,2-Dichlorobenzene
 Concen: 37.933 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:146 Resp: 63895
 Ion Ratio Lower Upper
 146 100
 148 63.9 49.4 74.0
 111 41.6 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: 40.918 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

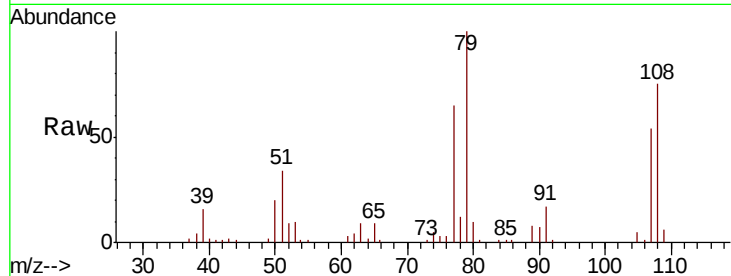
Tgt Ion: 79 Resp: 55902

Ion Ratio Lower Upper

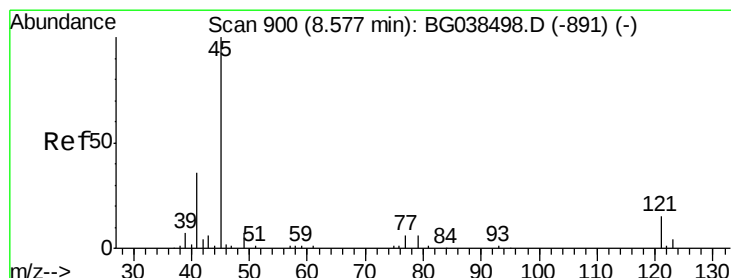
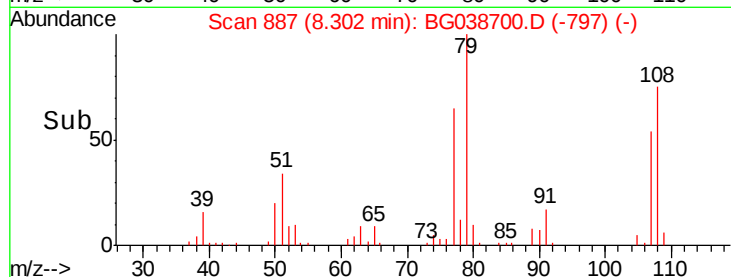
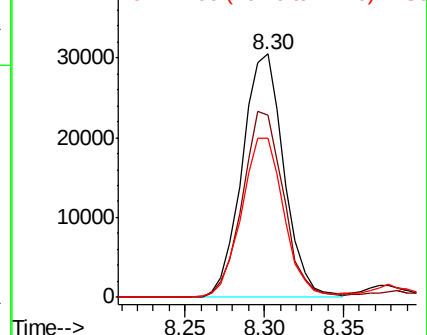
79 100

108 74.9 60.2 90.4

77 65.4 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.661 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

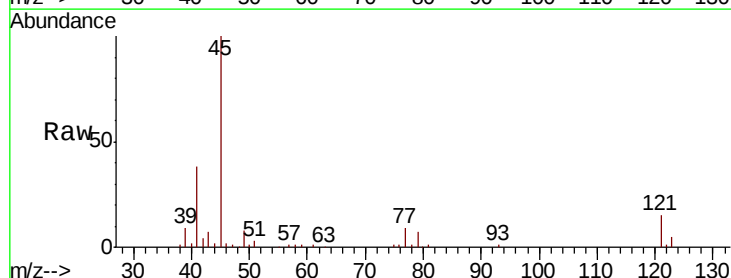
Tgt Ion: 45 Resp: 117552

Ion Ratio Lower Upper

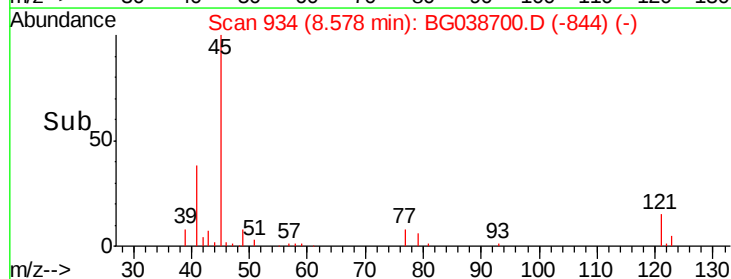
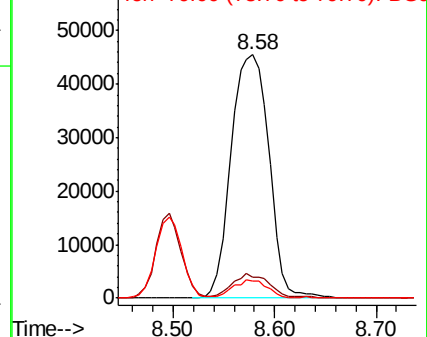
45 100

77 8.8 0.0 28.2

79 7.0 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

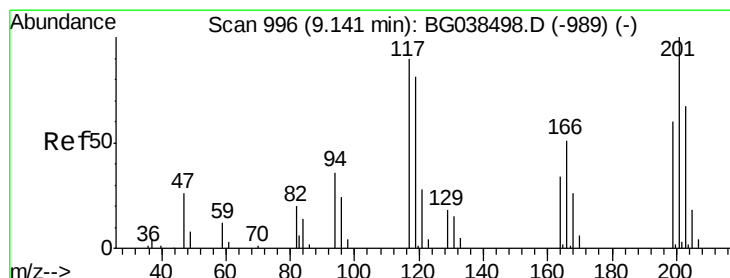
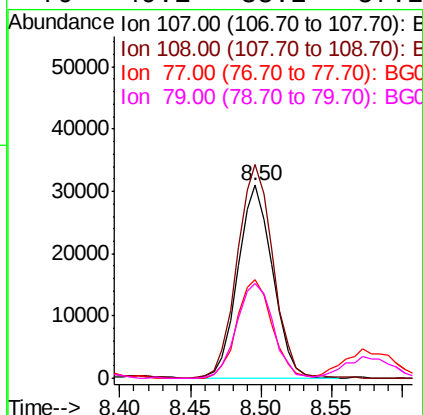
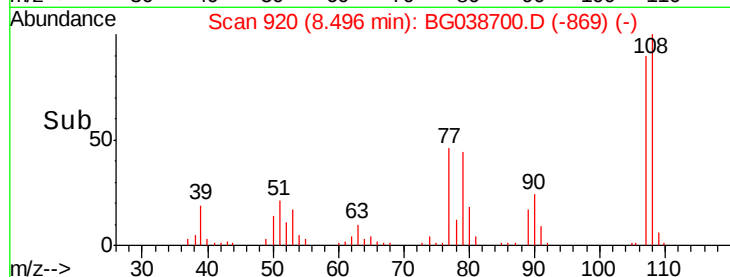
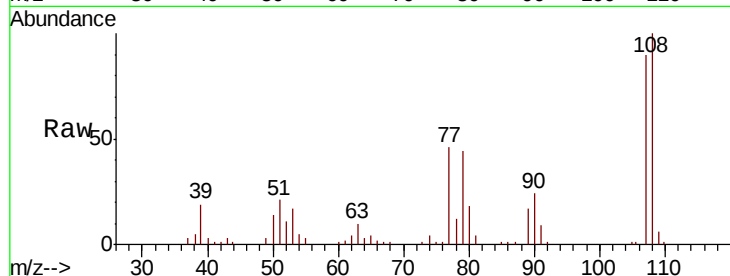




#17
2-Methylphenol
Concen: 43.003 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

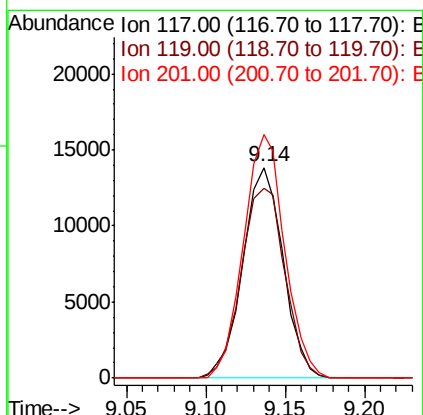
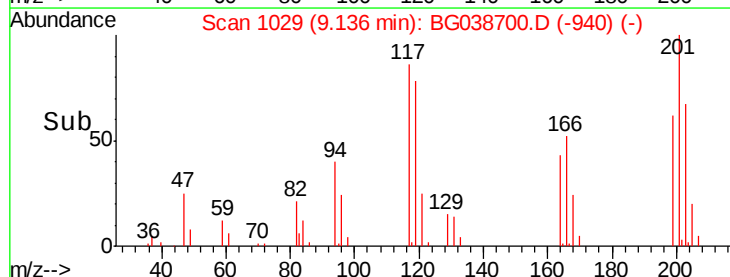
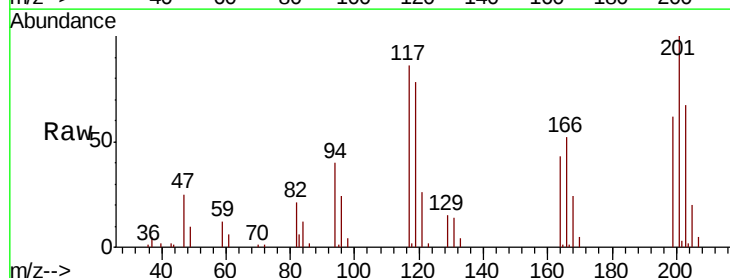
Instrument :
BNA_G
ClientSampleId :
PB115799BS

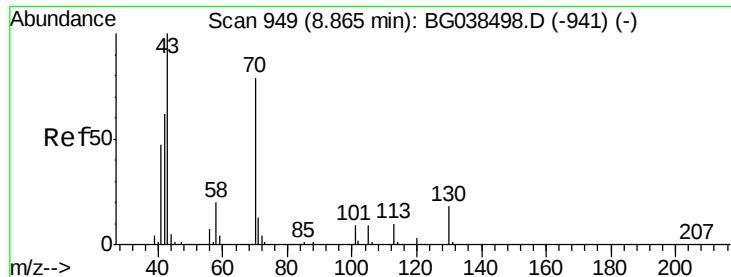
Tgt Ion:107 Resp: 53576
Ion Ratio Lower Upper
107 100
108 110.6 87.1 130.7
77 51.1 42.0 63.0
79 49.1 38.2 57.2



#18
Hexachloroethane
Concen: 37.524 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:117 Resp: 24499
Ion Ratio Lower Upper
117 100
119 90.2 73.8 110.8
201 118.9 89.4 134.0

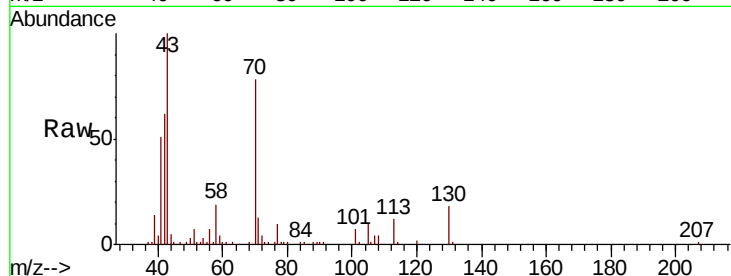




#19
n-Nitroso-di-n-propylamine
Concen: 36.170 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion:	70	Resp:	44465
Ion	Ratio	Lower	Upper
70	100		
42	79.5	63.6	95.4
101	9.6	9.2	13.8
130	23.4	18.5	27.7



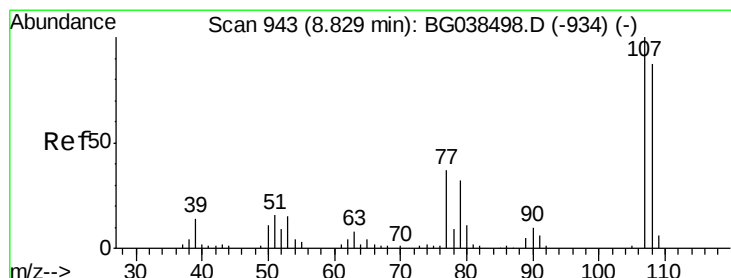
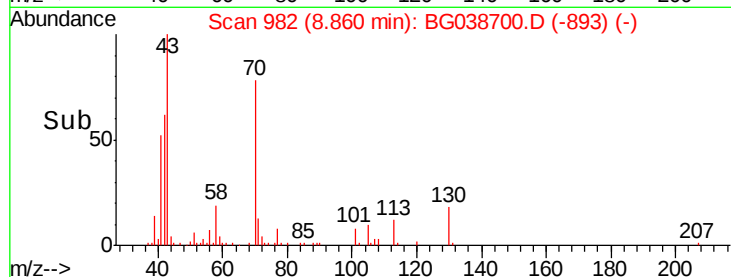
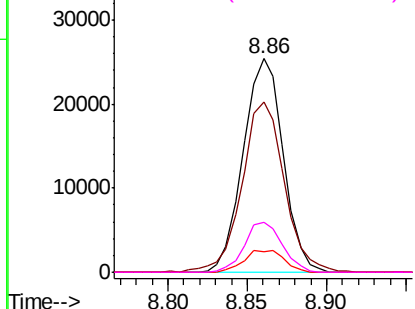
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

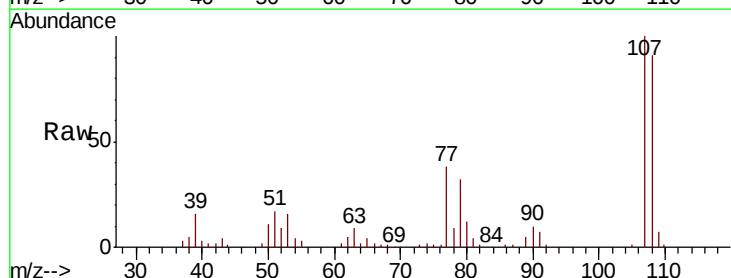
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.935 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:	107	Resp:	73874
Ion	Ratio	Lower	Upper
107	100		
108	90.6	66.7	106.7
77	38.0	17.3	57.3
79	31.8	12.3	52.3



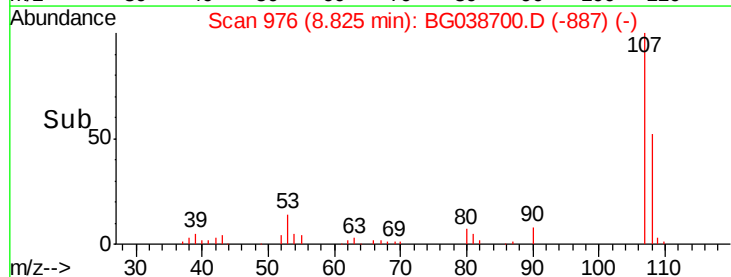
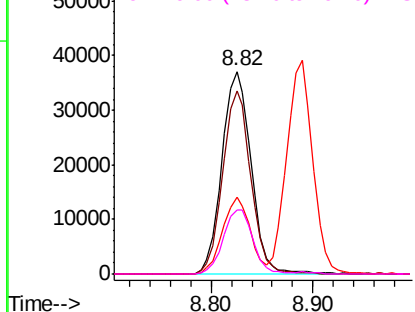
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

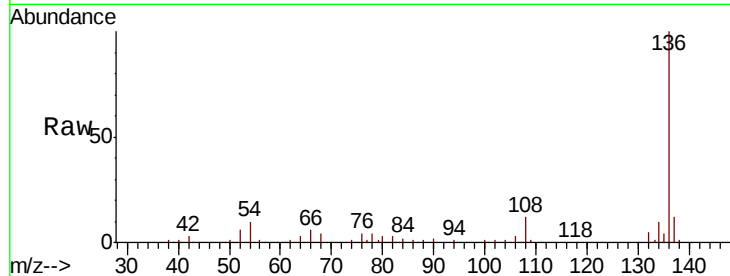




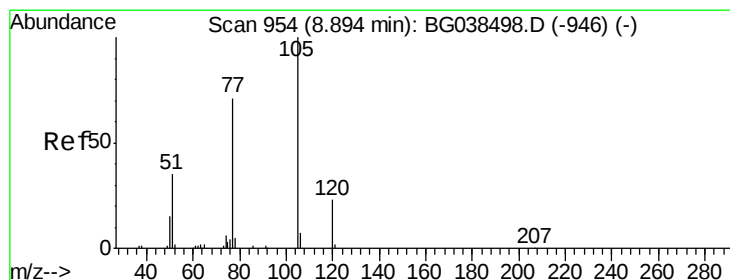
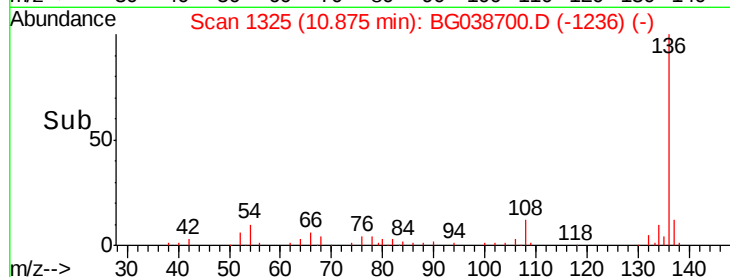
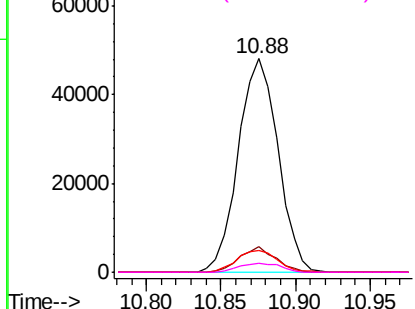
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion:	136	Resp:	88941
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	10.3	8.5	12.7
68	4.0	3.5	5.3

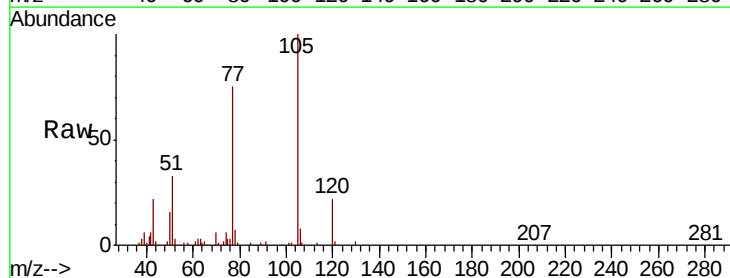


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

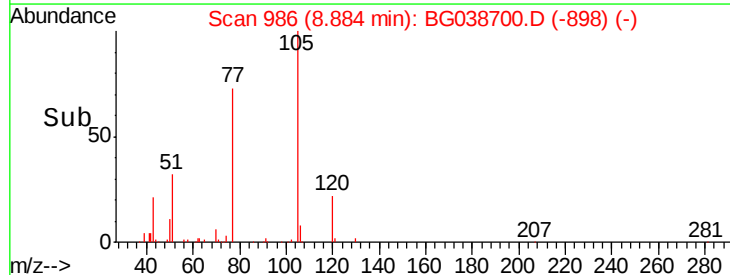
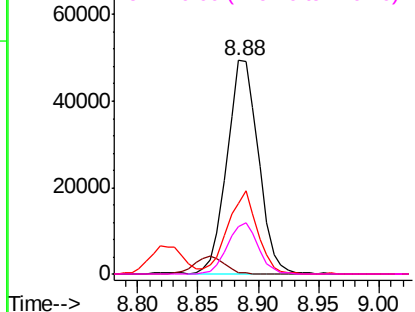


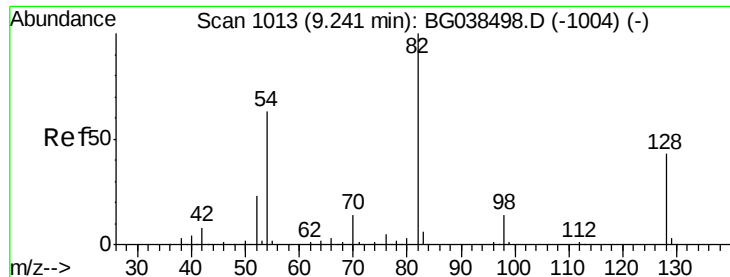
#22
Acetophenone
Concen: 40.432 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:	105	Resp:	89822
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.4	0.6#
51	33.1	30.6	46.0
120	22.4	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

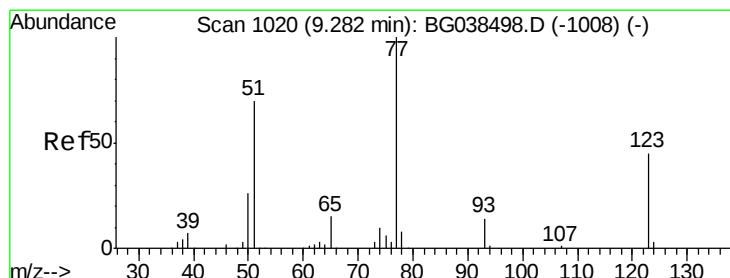
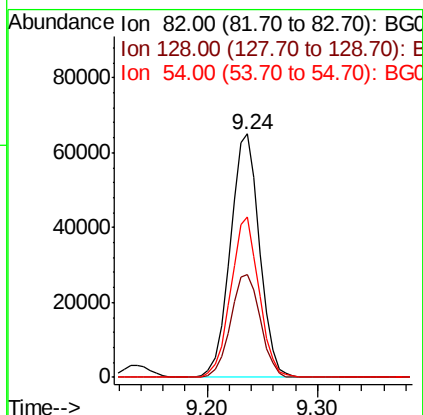
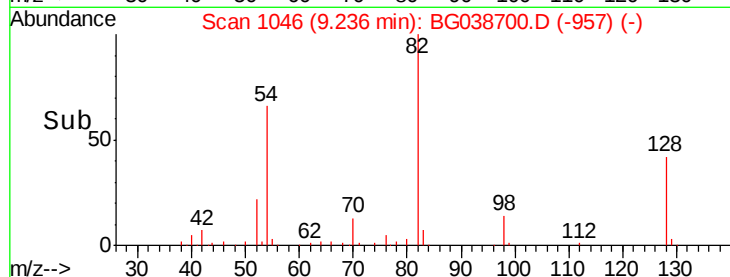
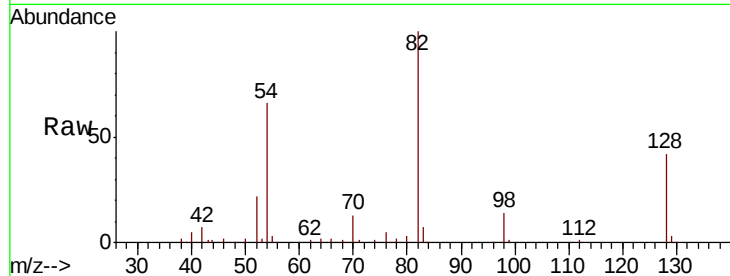




#23
Nitrobenzene-d5
Concen: 69.216 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

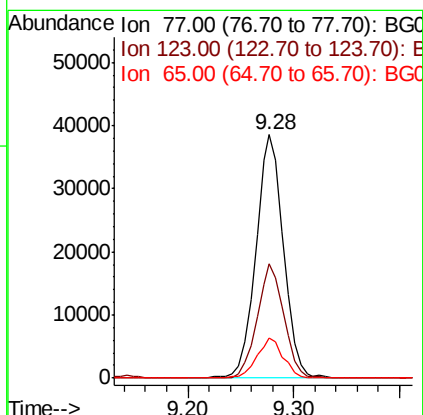
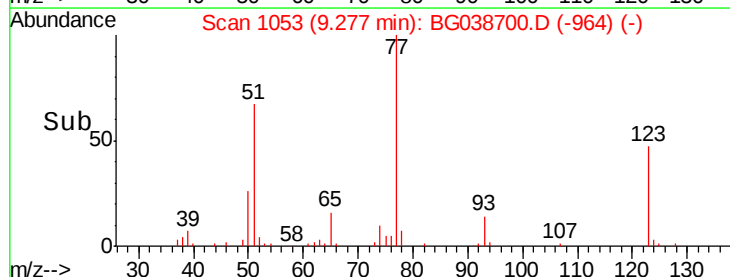
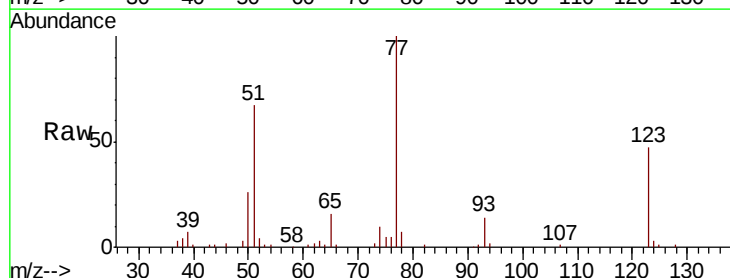
Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion: 82 Resp: 120503
Ion Ratio Lower Upper
82 100
128 42.4 34.6 52.0
54 66.0 50.6 76.0



#24
Nitrobenzene
Concen: 39.574 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion: 77 Resp: 69699
Ion Ratio Lower Upper
77 100
123 46.9 35.9 53.9
65 16.4 12.0 18.0

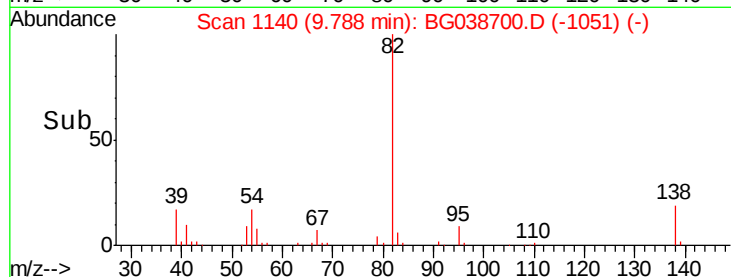
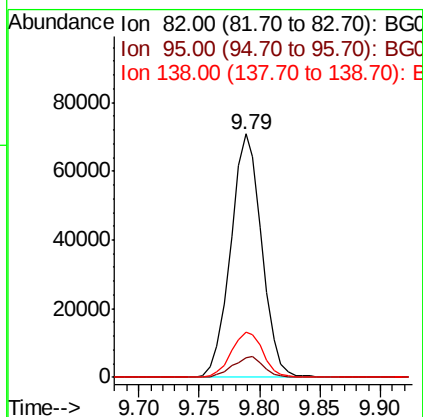
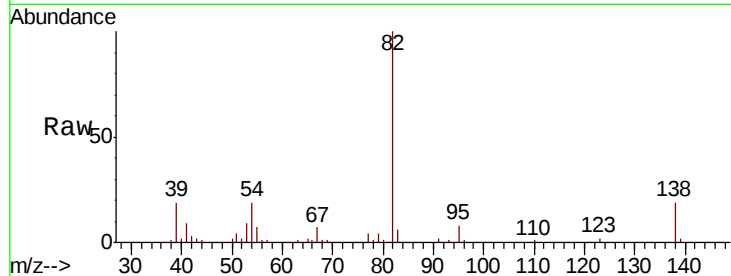




#25
Isophorone
Concen: 40.394 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

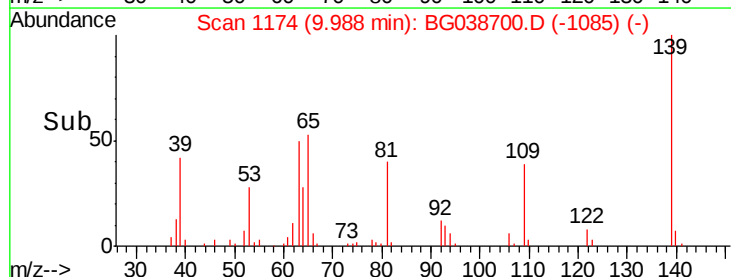
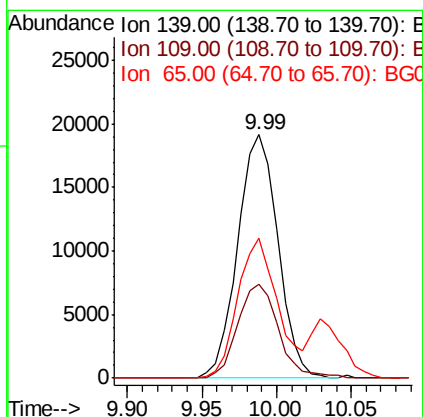
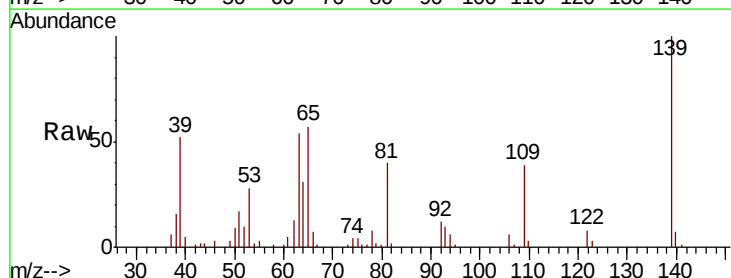
Instrument :
BNA_G
ClientSampleId :
PB115799BS

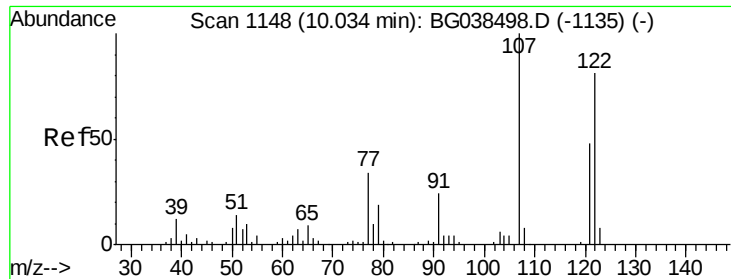
Tgt Ion: 82 Resp: 126354
Ion Ratio Lower Upper
82 100
95 8.3 6.1 9.1
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 39.681 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion: 139 Resp: 35769
Ion Ratio Lower Upper
139 100
109 38.7 29.5 44.3
65 57.5 48.5 72.7

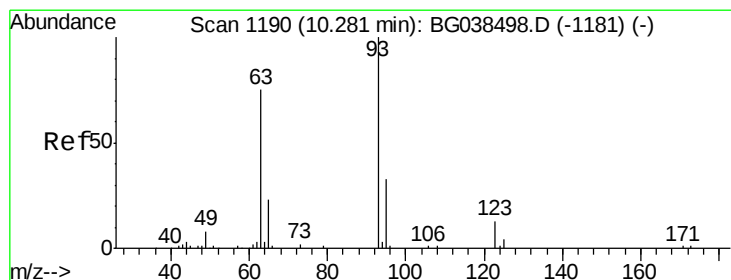
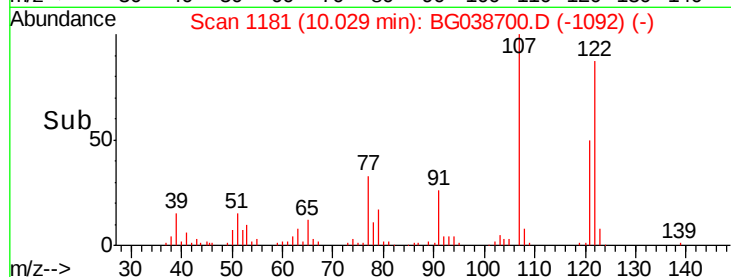
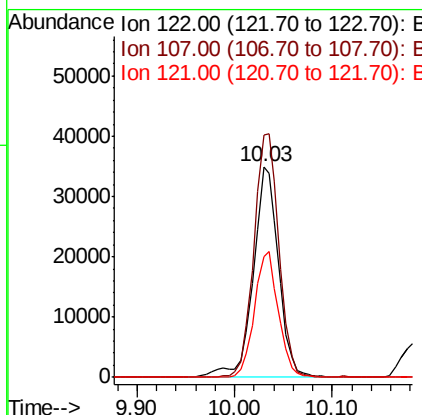
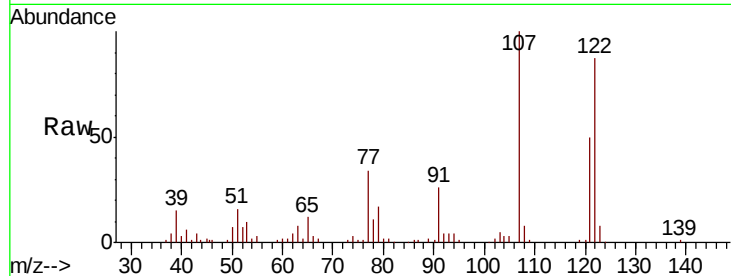




#27
 2,4-Dimethylphenol
 Concen: 49.346 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

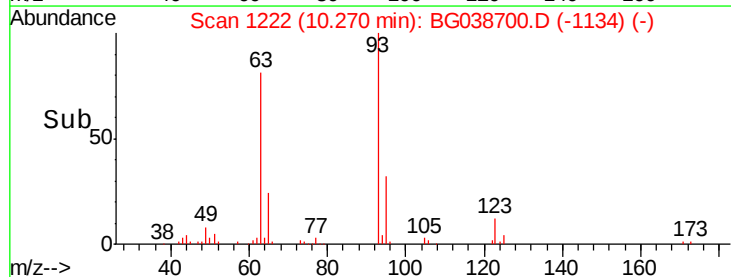
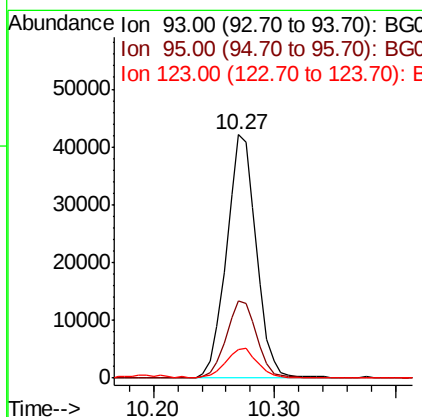
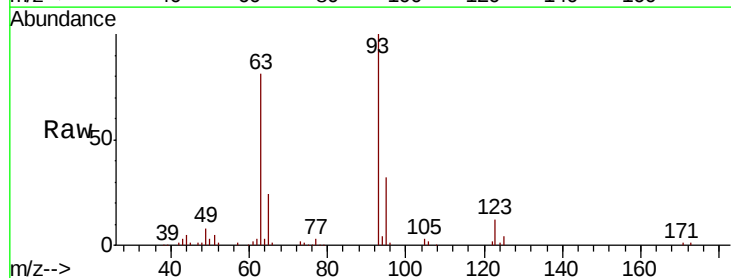
Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

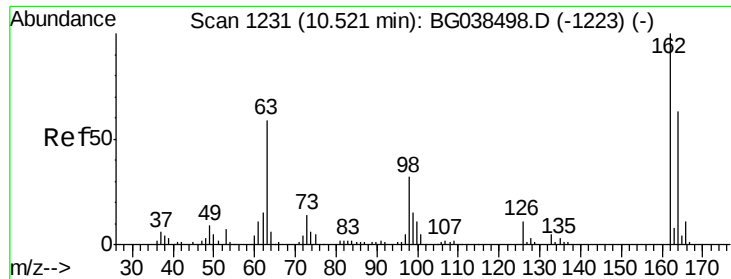
Tgt Ion:122 Resp: 63749
 Ion Ratio Lower Upper
 122 100
 107 114.9 98.4 147.6
 121 57.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.635 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion: 93 Resp: 71730
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.6 40.0
 123 11.8 10.6 16.0

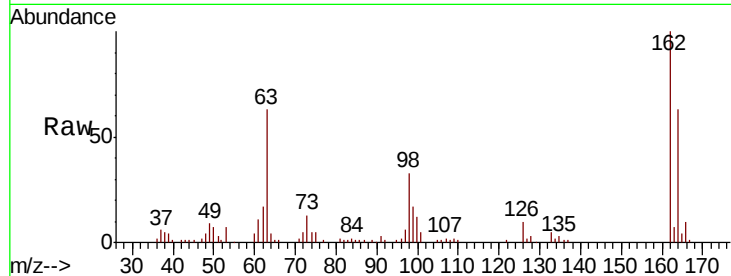




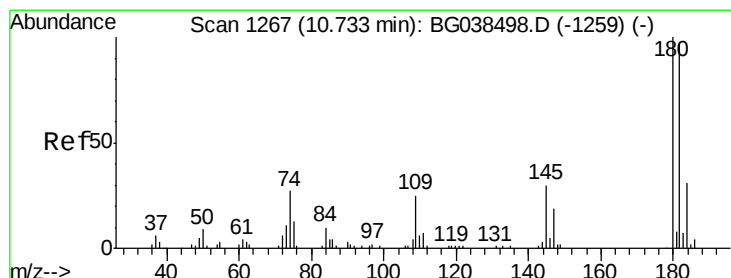
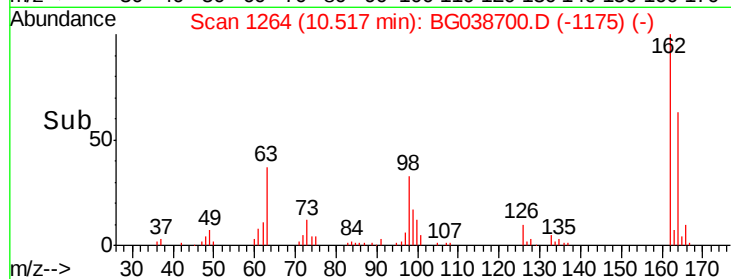
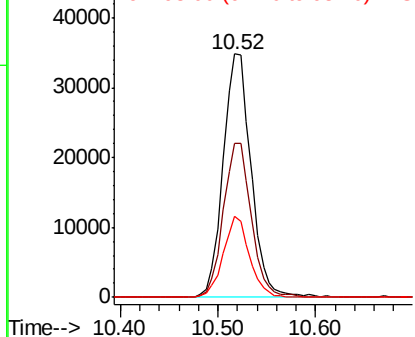
#29
 2,4-Dichlorophenol
 Concen: 47.969 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.9	82.9
98	33.3	12.1	52.1

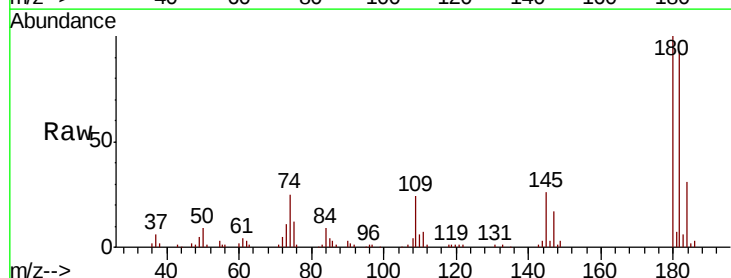


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

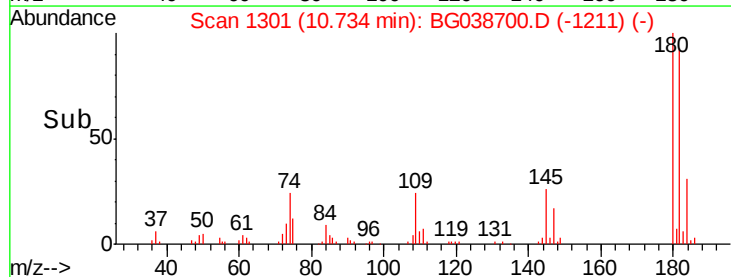
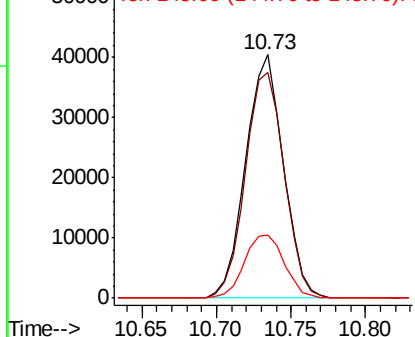


#30
 1,2,4-Trichlorobenzene
 Concen: 40.623 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.4	116.0
145	25.8	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

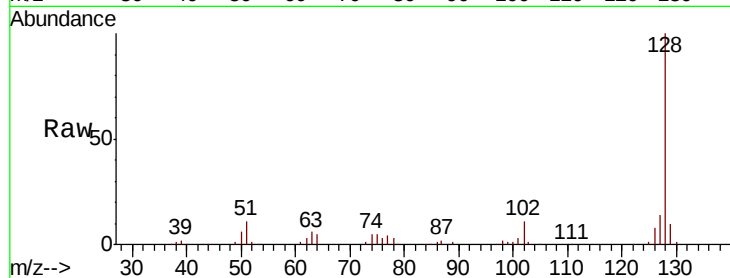




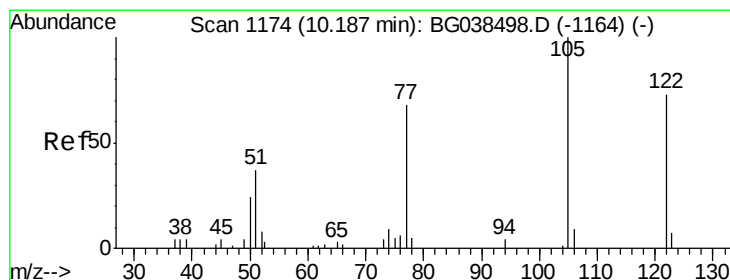
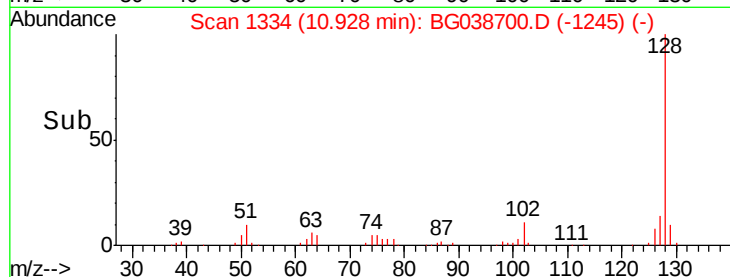
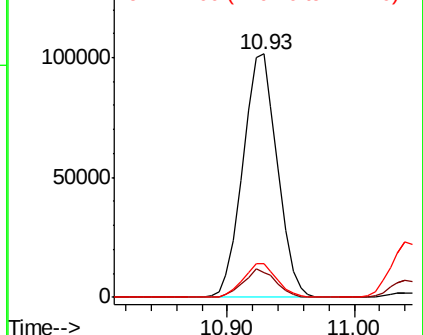
#31
Naphthalene
Concen: 43.602 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion:128 Resp: 191074
Ion Ratio Lower Upper
128 100
129 10.4 9.5 14.3
127 13.7 10.9 16.3

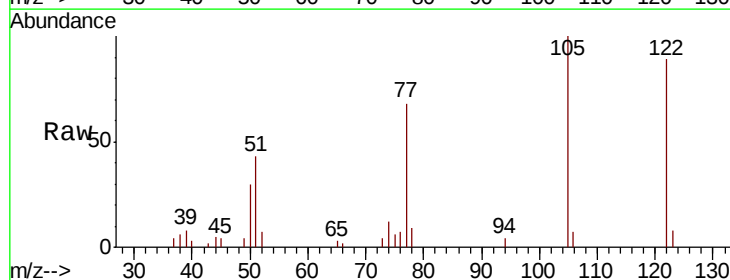


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

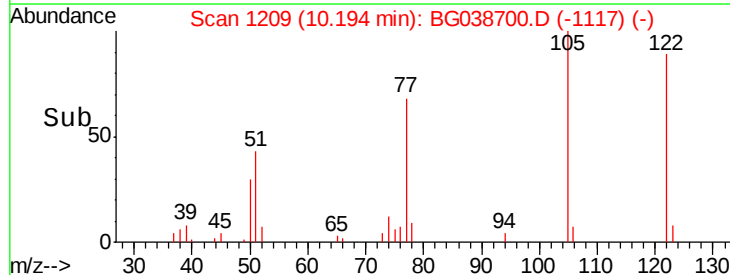
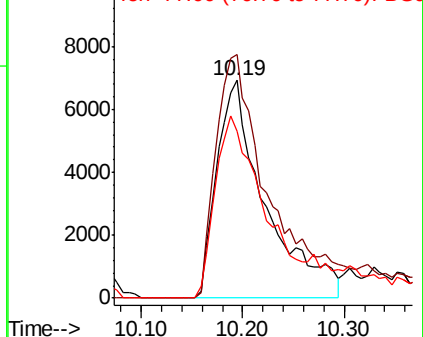


#32
Benzoic acid
Concen: 32.266 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:122 Resp: 23009
Ion Ratio Lower Upper
122 100
105 111.8 116.7 156.7#
77 76.5 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

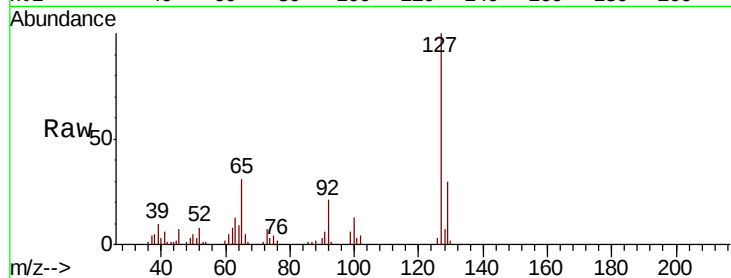




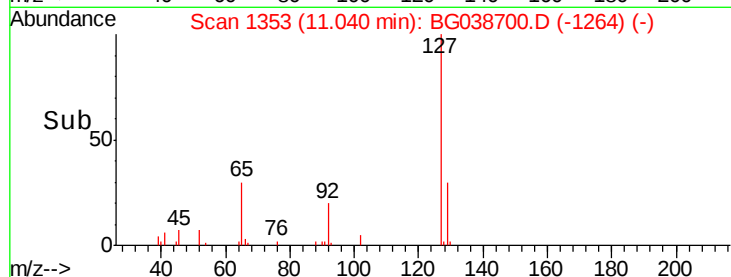
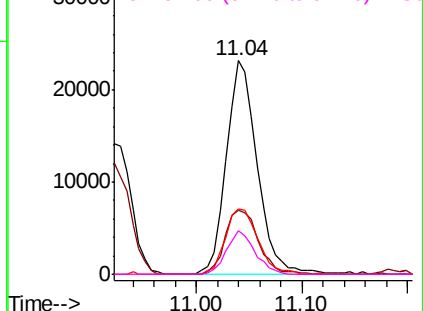
#33
4-Chloroaniline
Concen: 24.589 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion:	127	Resp:	46781
Ion	Ratio	Lower	Upper
127	100		
129	29.7	25.8	38.8
65	30.7	27.8	41.6
92	20.7	17.0	25.6

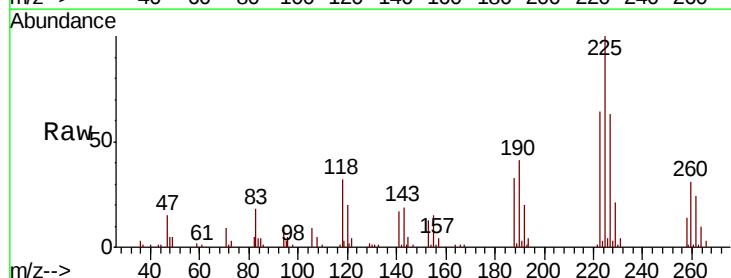


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

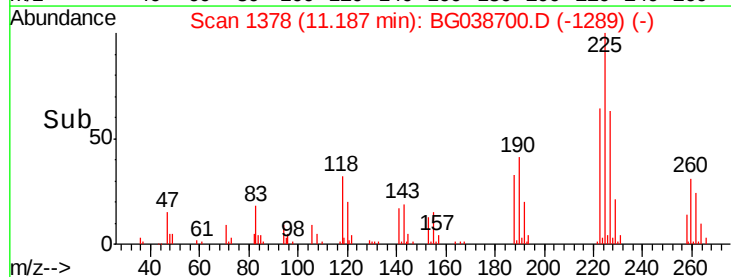
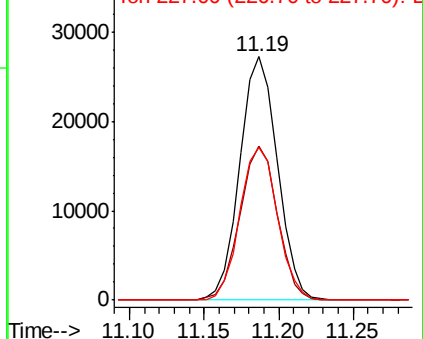


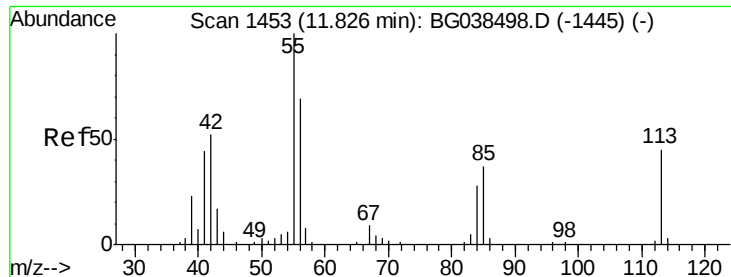
#34
Hexachlorobutadiene
Concen: 40.621 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:	225	Resp:	47716
Ion	Ratio	Lower	Upper
225	100		
223	66.9	45.0	67.6
227	65.4	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

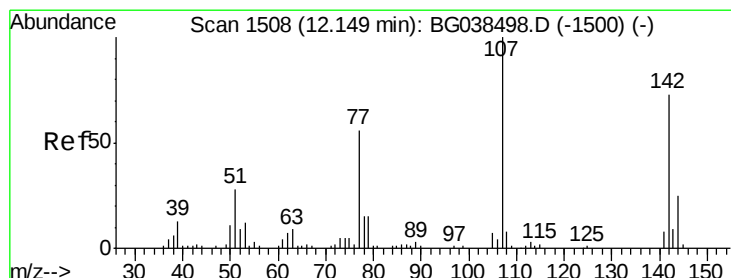
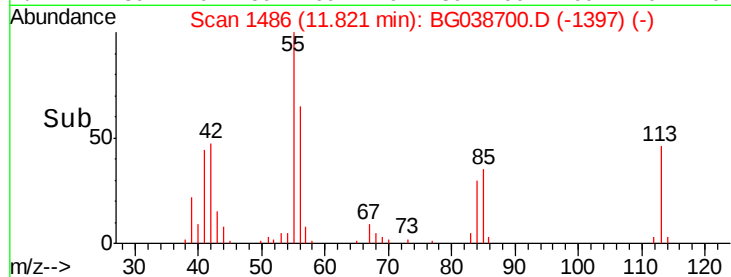
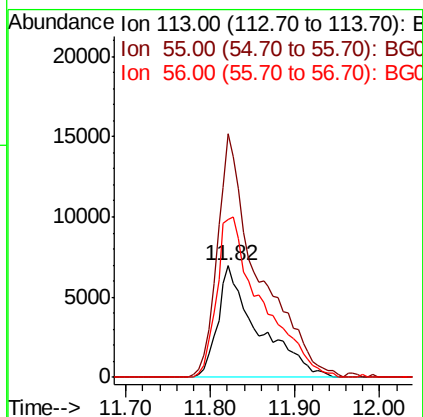
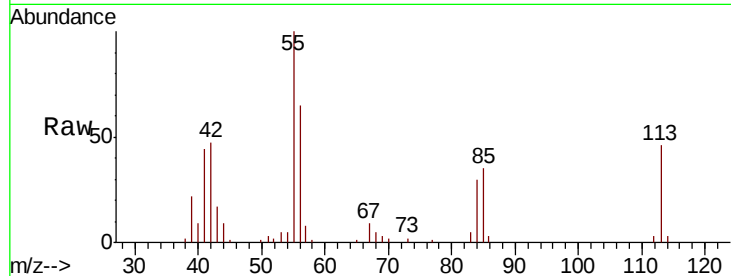




#35
 Caprolactam
 Concen: 38.897 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

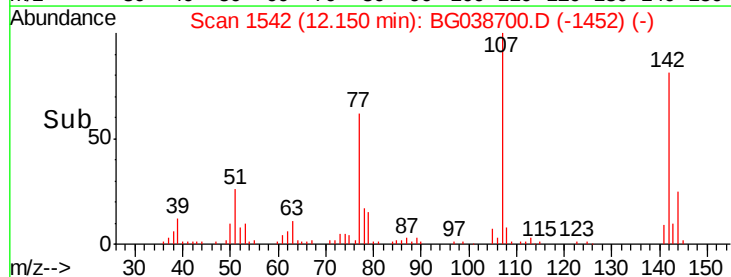
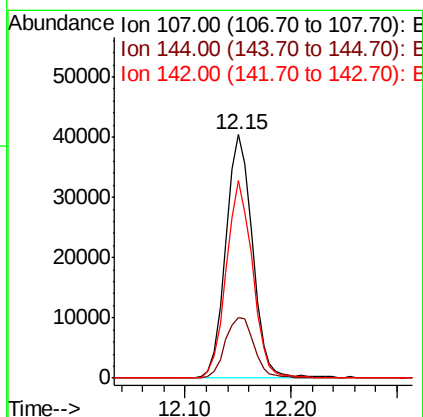
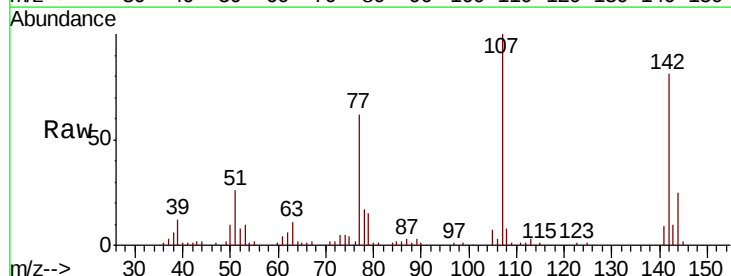
Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

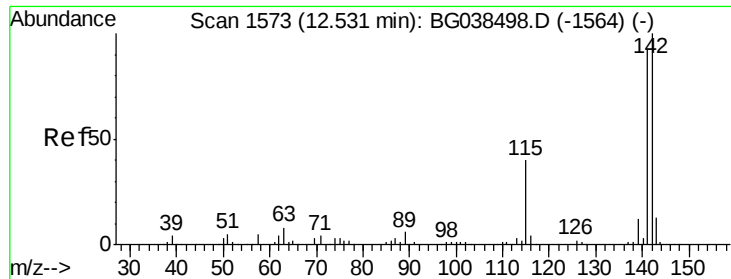
Tgt Ion:113 Resp: 23135
 Ion Ratio Lower Upper
 113 100
 55 218.4 204.3 244.3
 56 141.6 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.988 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:107 Resp: 70504
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.1 30.1
 142 81.3 58.7 88.1

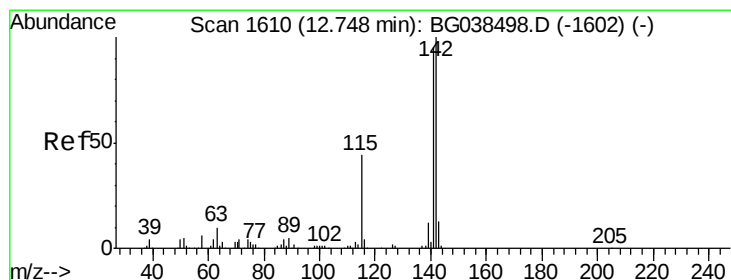
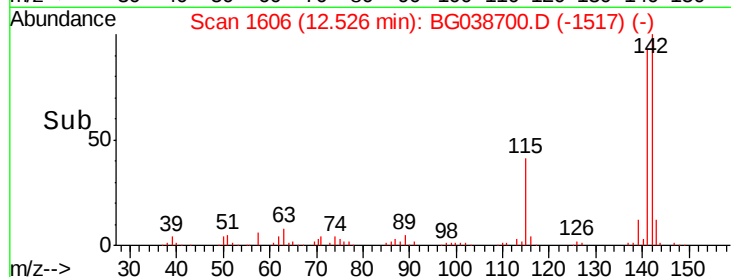
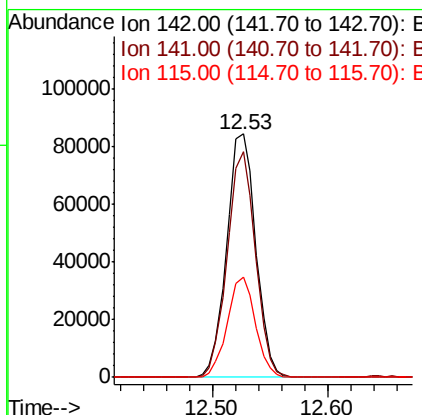
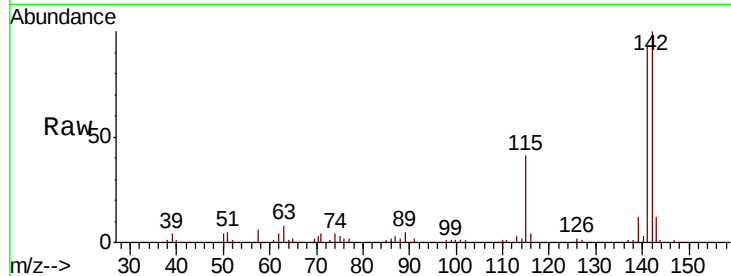




#37
 2-Methylnaphthalene
 Concen: 46.983 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

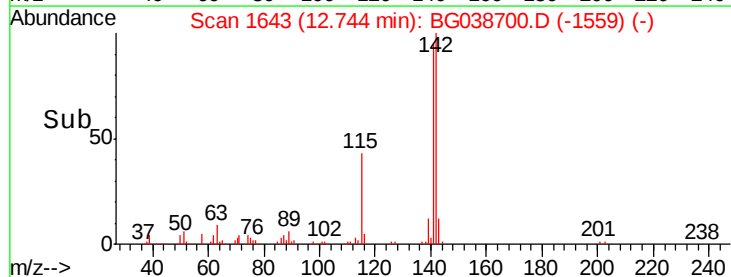
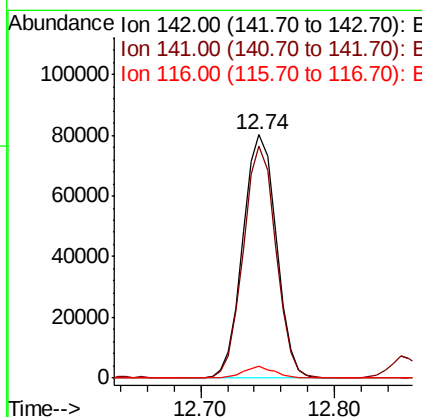
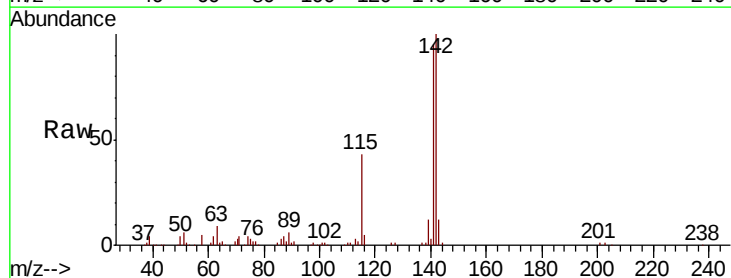
Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion:142 Resp: 146884
 Ion Ratio Lower Upper
 142 100
 141 92.9 73.5 110.3
 115 41.0 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 45.726 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:142 Resp: 138719
 Ion Ratio Lower Upper
 142 100
 141 95.2 75.8 113.8
 116 4.8 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

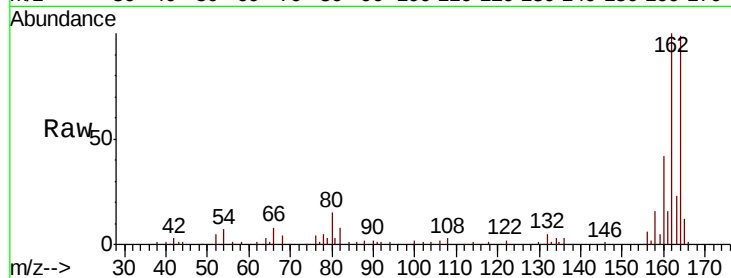
Tgt Ion:164 Resp: 59852

Ion Ratio Lower Upper

164 100

162 101.5 86.6 130.0

160 42.5 34.2 51.2

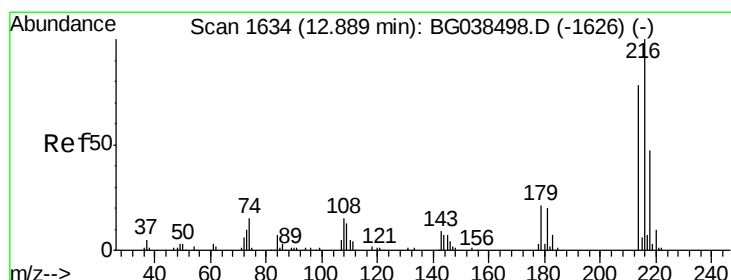
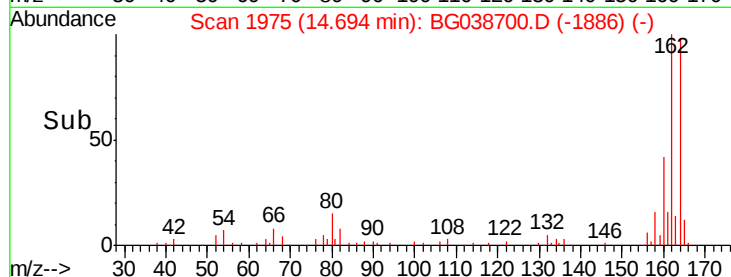
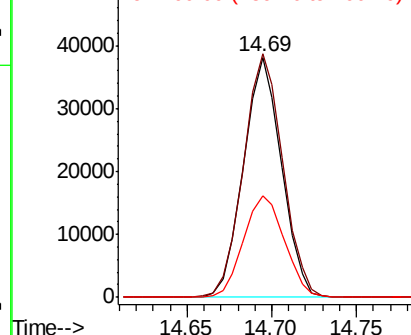


Abundance

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: 38.987 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Tgt Ion:216 Resp: 87224

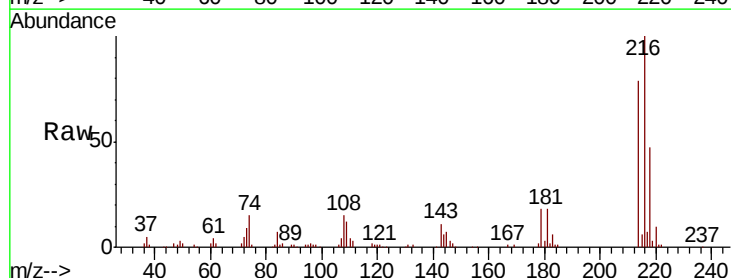
Ion Ratio Lower Upper

216 100

214 80.2 64.1 96.1

179 19.5 16.4 24.6

108 18.5 13.9 20.9



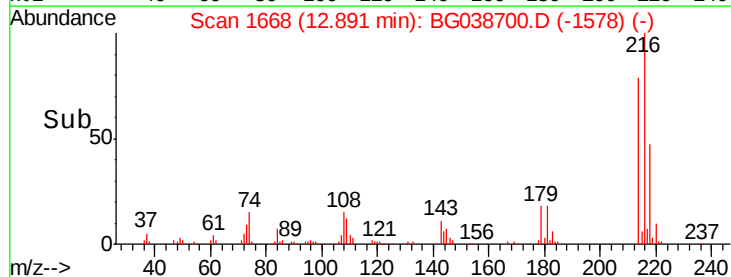
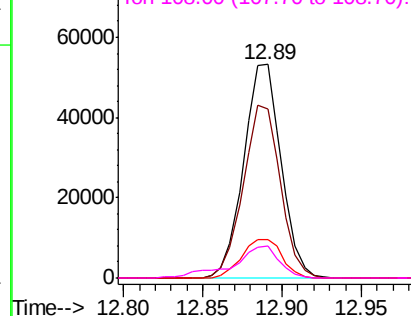
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.971 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

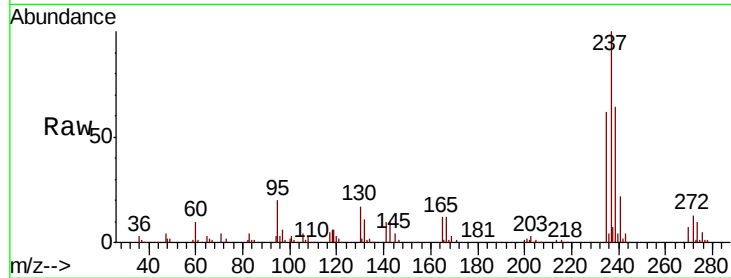
Tgt Ion:237 Resp: 105670

Ion Ratio Lower Upper

237 100

235 62.4 38.8 78.8

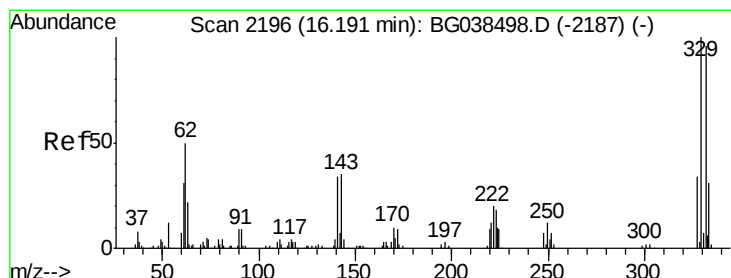
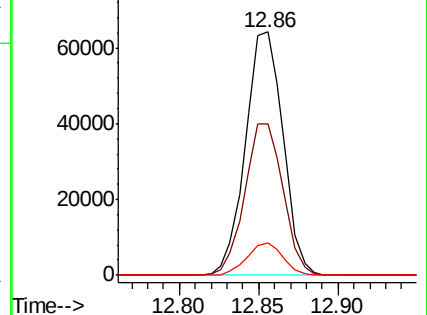
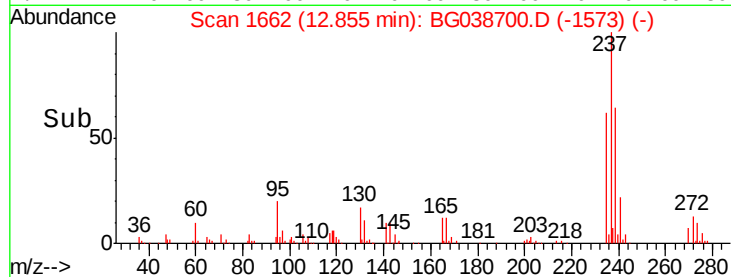
272 13.5 0.0 32.0



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: 147.938 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

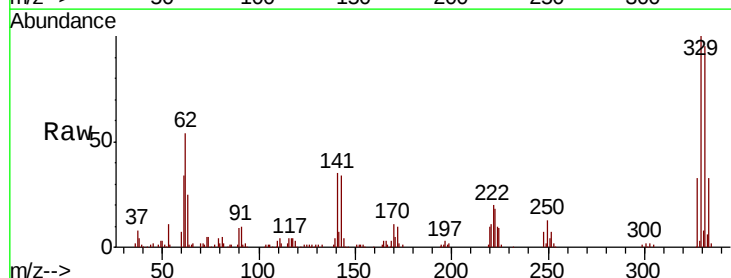
Tgt Ion:330 Resp: 122029

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

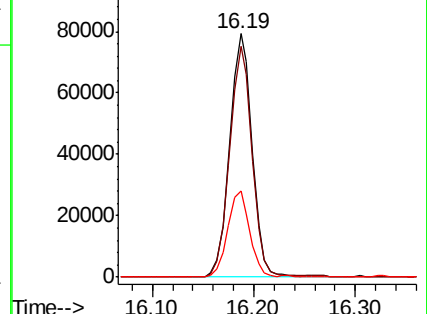
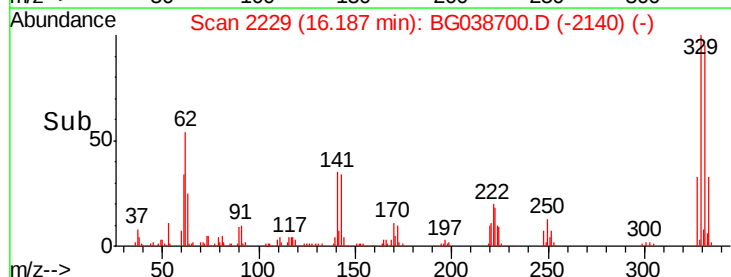
141 35.1 28.8 43.2



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

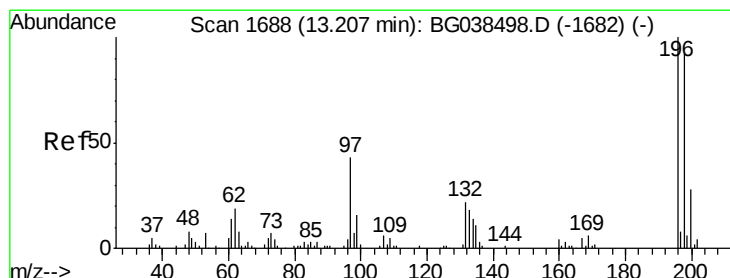
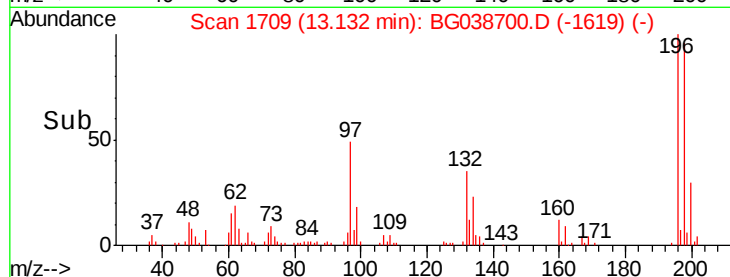
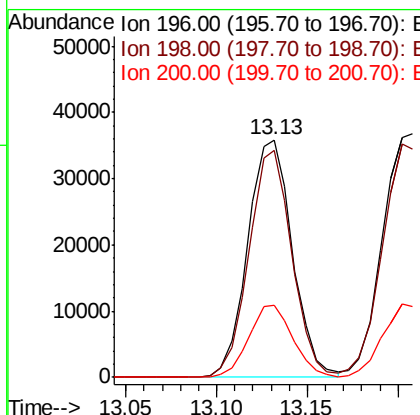
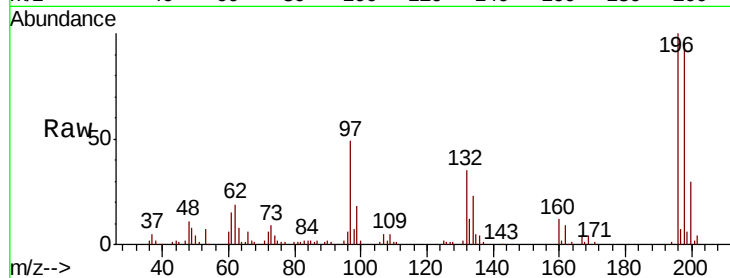




#43
 2,4,6-Trichlorophenol
 Concen: 44.808 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

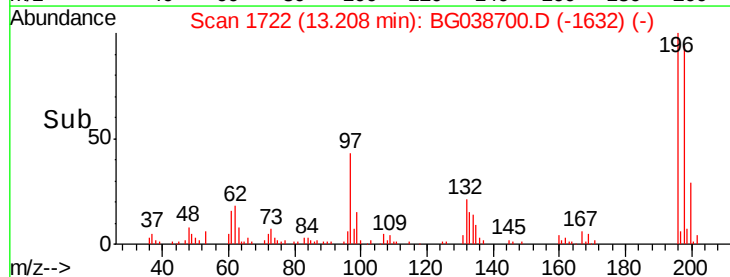
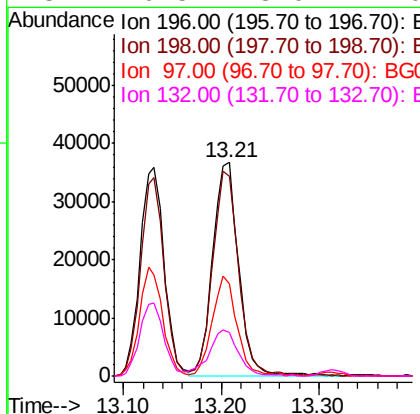
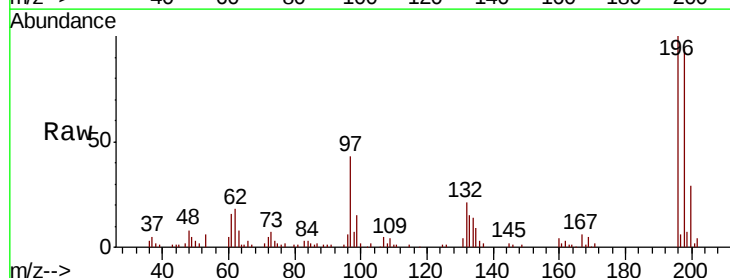
Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

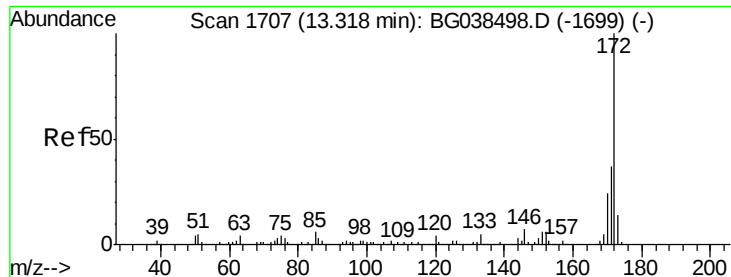
Tgt Ion:196 Resp: 61638
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.0 112.4
 200 30.4 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.618 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:196 Resp: 67896
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.0 111.0
 97 43.4 35.1 52.7
 132 20.5 18.0 27.0

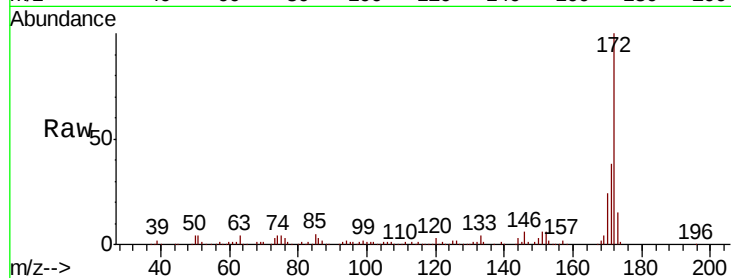




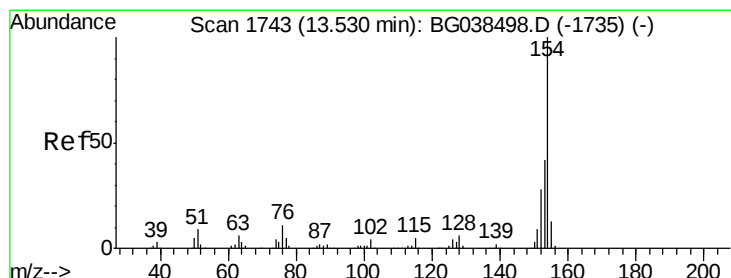
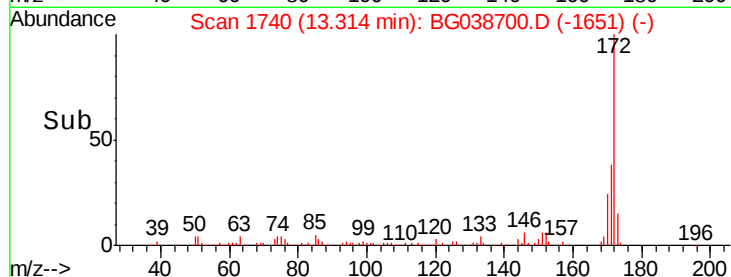
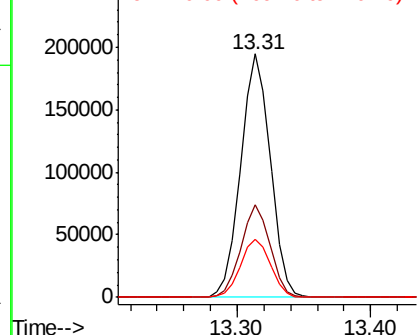
#45
 2-Fluorobiphenyl
 Concen: 68.435 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion:172 Resp: 298574
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 24.1 19.5 29.3

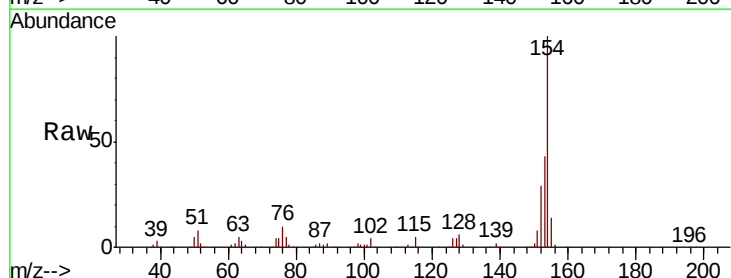


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

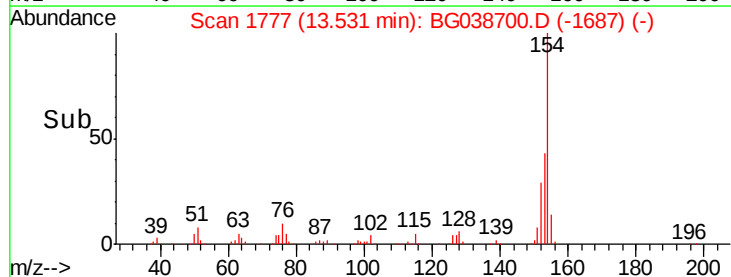
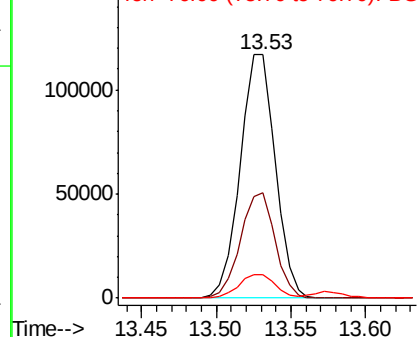


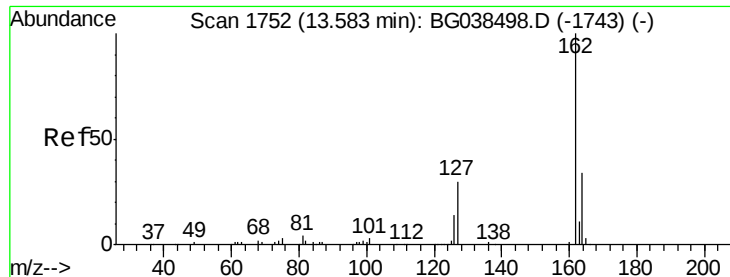
#46
 1,1'-Biphenyl
 Concen: 38.002 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:154 Resp: 190678
 Ion Ratio Lower Upper
 154 100
 153 43.1 22.1 62.1
 76 9.6 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

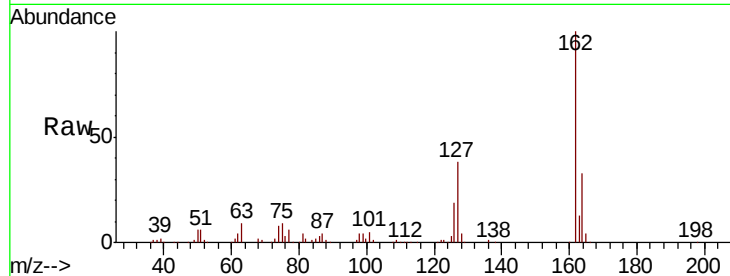




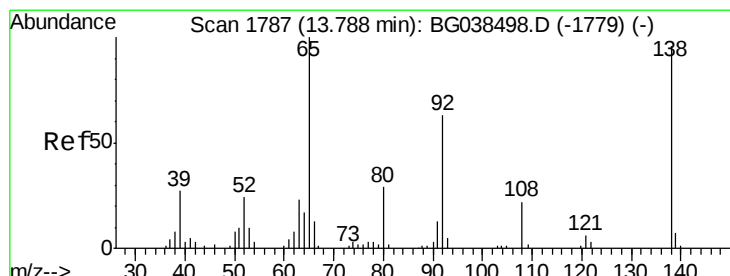
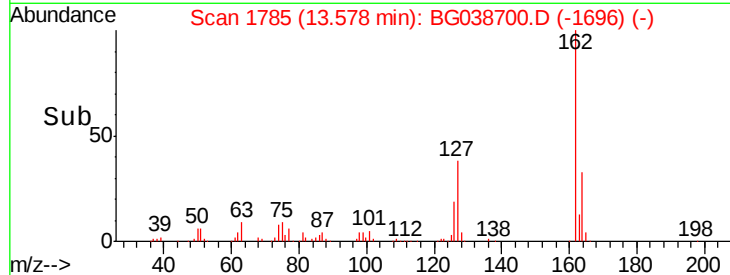
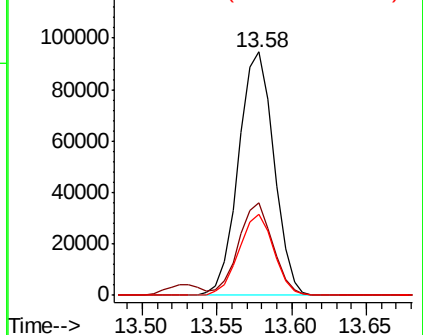
#47
 2-Chloronaphthalene
 Concen: 40.167 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion: 162 Resp: 155680
 Ion Ratio Lower Upper
 162 100
 127 38.1 27.8 41.8
 164 33.5 26.9 40.3

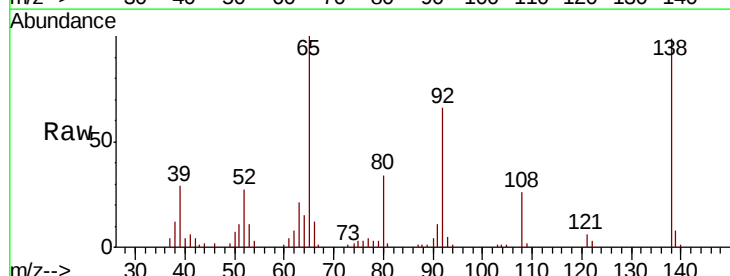


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

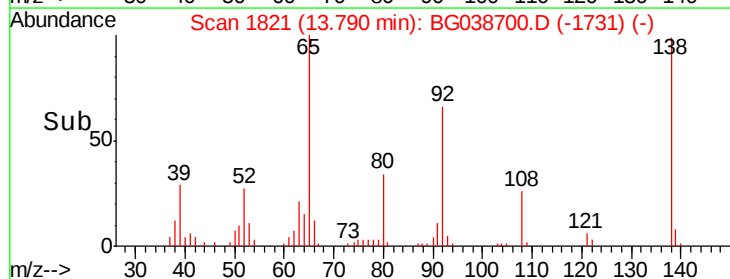
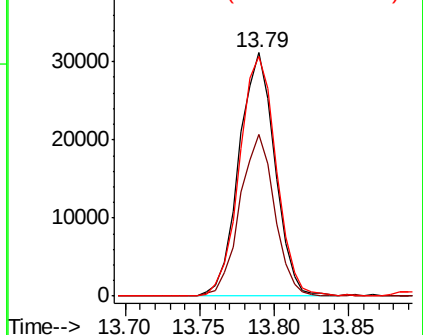


#48
 2-Nitroaniline
 Concen: 42.108 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion: 65 Resp: 51984
 Ion Ratio Lower Upper
 65 100
 92 66.3 50.0 75.0
 138 98.7 76.9 115.3



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





#49

Acenaphthylene

Concen: 43.973 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

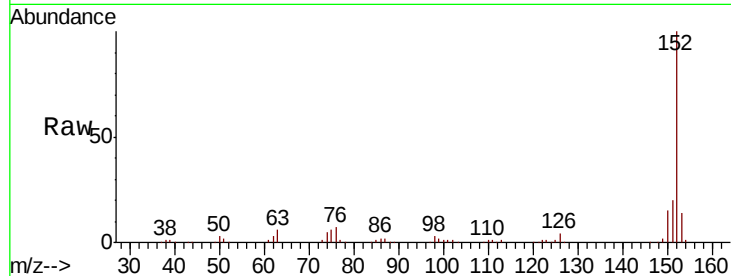
Tgt Ion:152 Resp: 254783

Ion Ratio Lower Upper

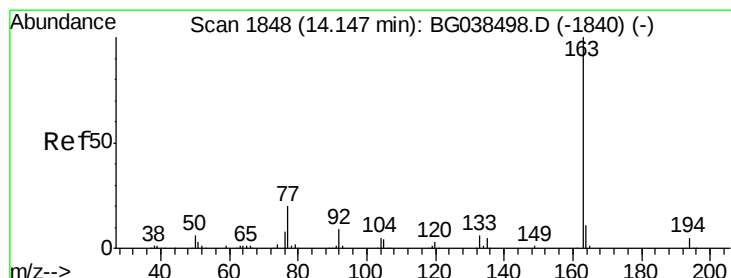
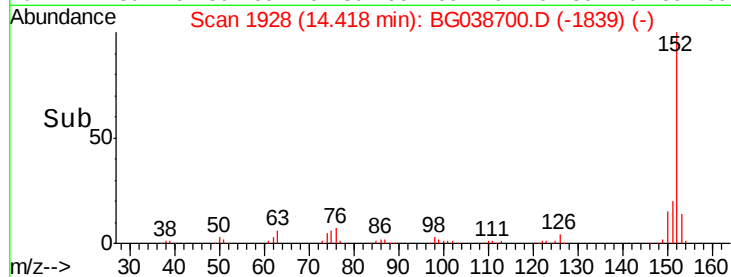
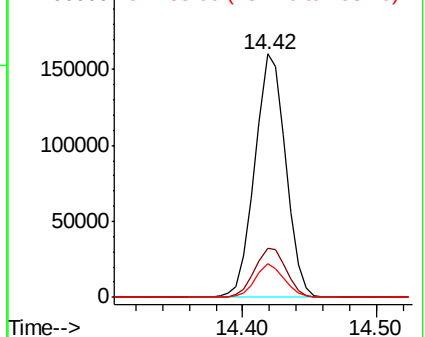
152 100

151 20.3 16.4 24.6

153 13.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.952 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

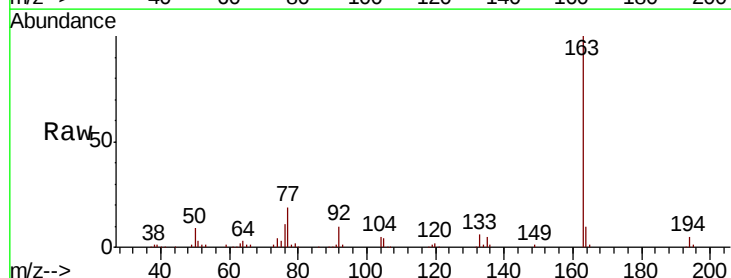
Tgt Ion:163 Resp: 205051

Ion Ratio Lower Upper

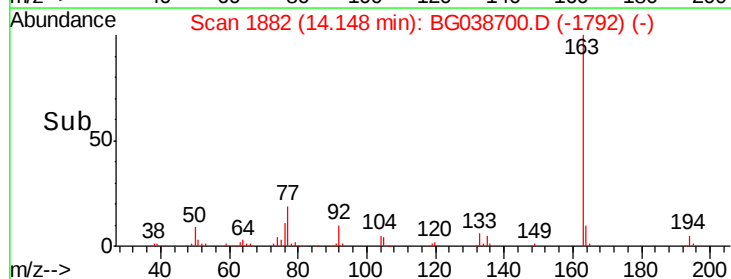
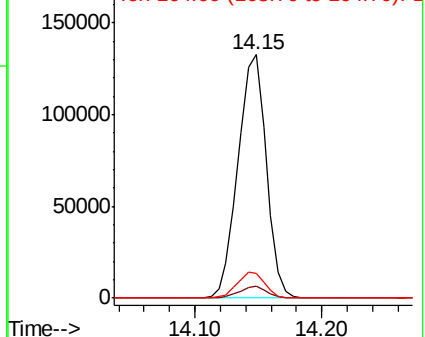
163 100

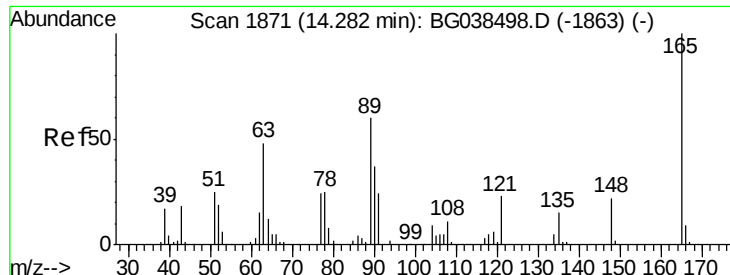
194 4.9 3.7 5.5

164 10.0 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

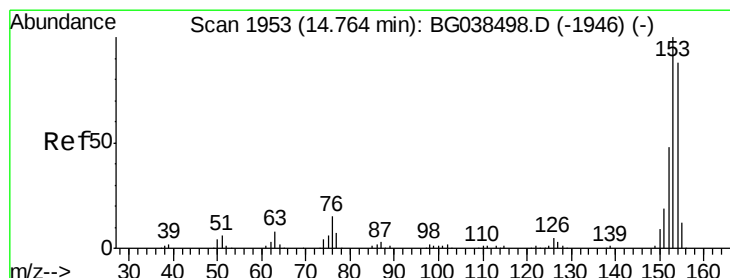
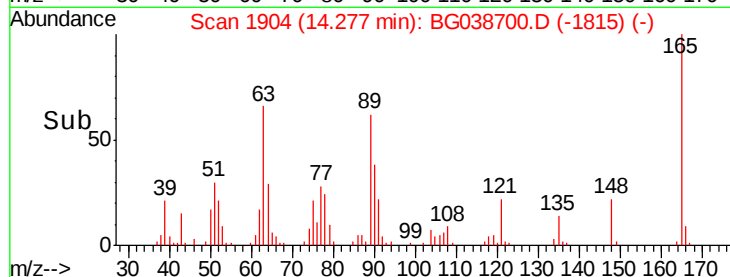
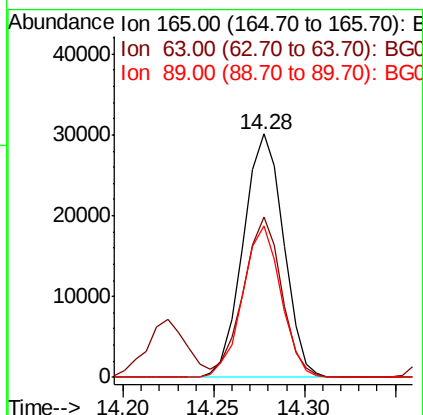
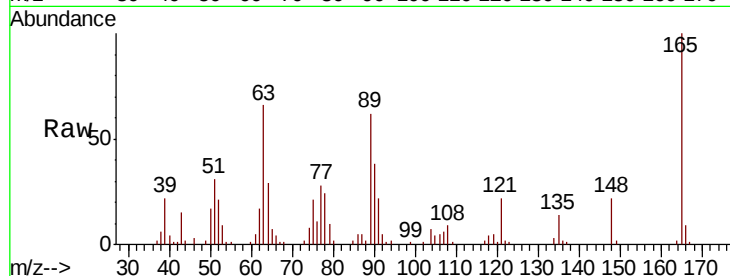




#51
2,6-Dinitrotoluene
Concen: 42.086 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

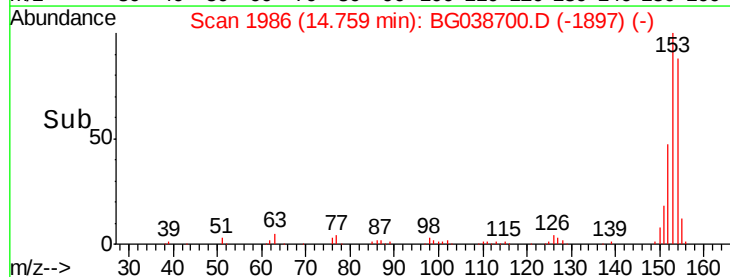
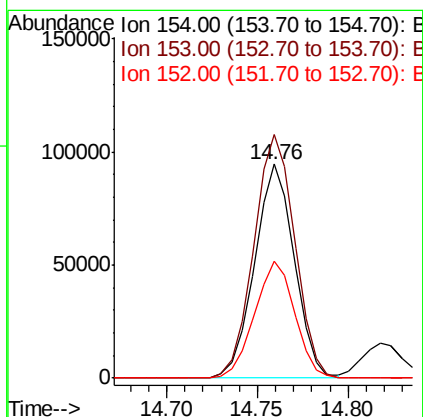
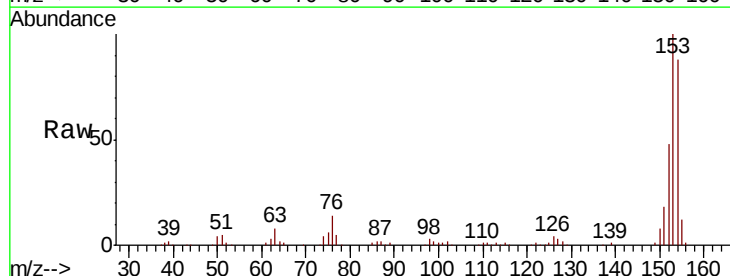
Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion:165 Resp: 46616
Ion Ratio Lower Upper
165 100
63 65.7 51.8 77.6
89 62.2 47.9 71.9



#52
Acenaphthene
Concen: 41.515 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:154 Resp: 143836
Ion Ratio Lower Upper
154 100
153 113.9 90.6 136.0
152 54.6 43.5 65.3





#53

3-Nitroaniline

Concen: 30.660 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

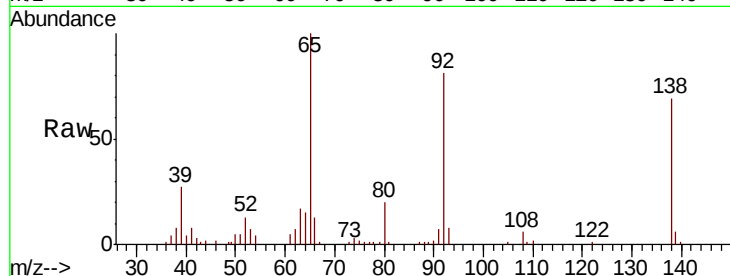
Tgt Ion:138 Resp: 34618

Ion Ratio Lower Upper

138 100

108 9.5 7.9 11.9

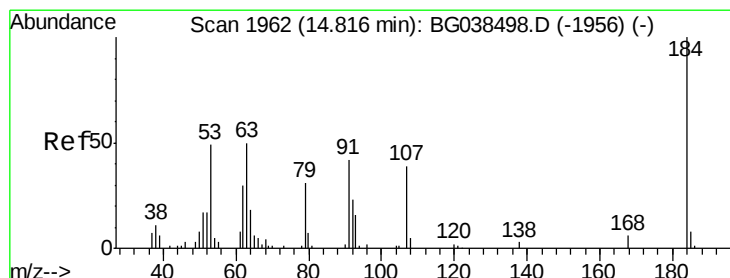
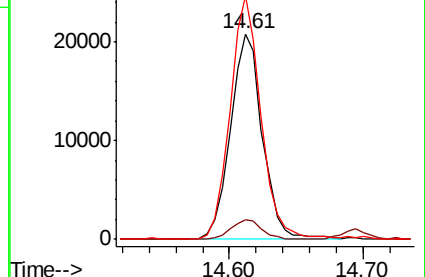
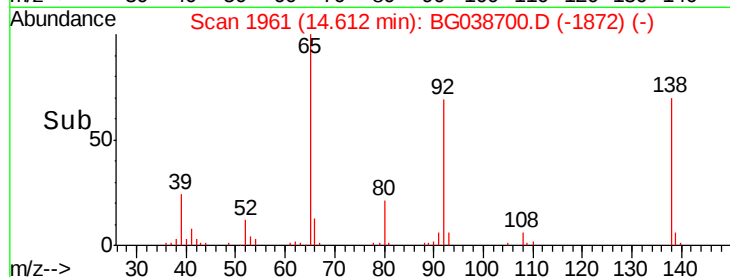
92 118.6 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 64.190 ng

RT: 14.82 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

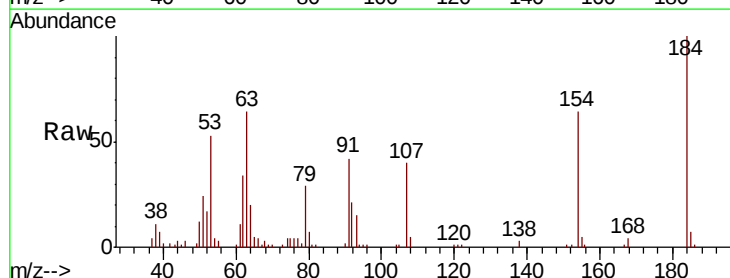
Tgt Ion:184 Resp: 41583

Ion Ratio Lower Upper

184 100

63 63.5 47.0 70.6

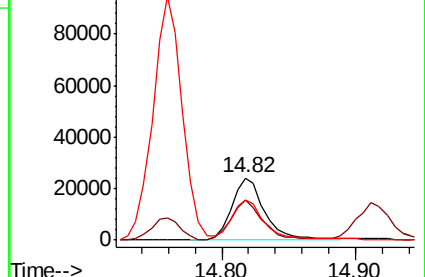
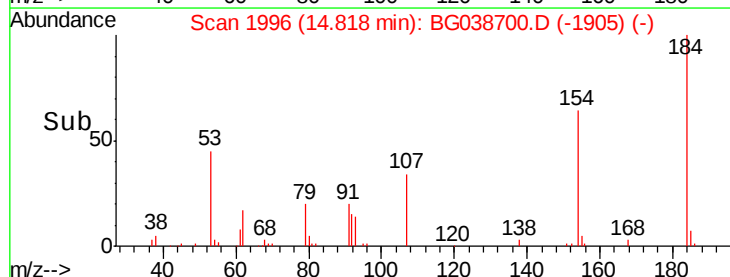
154 64.2 50.3 75.5

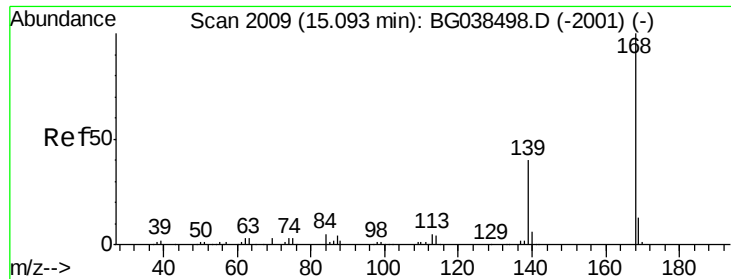


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

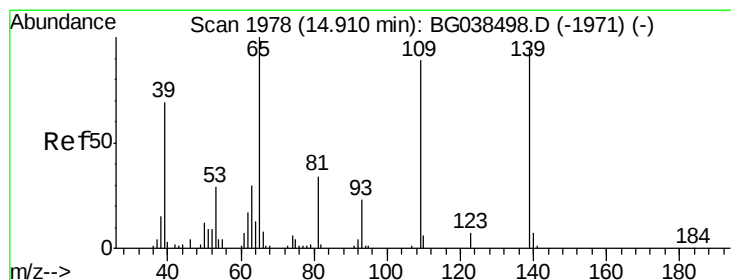
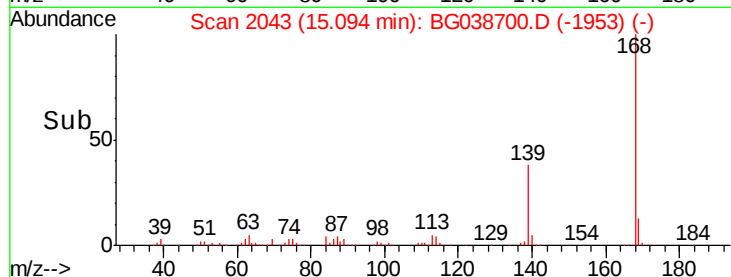
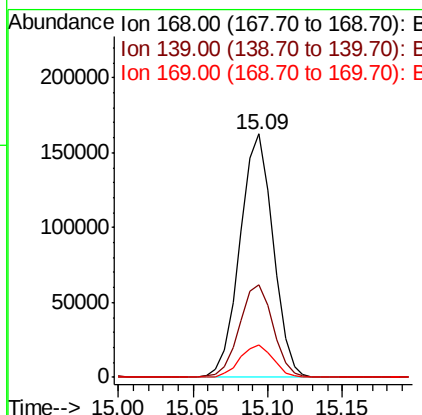
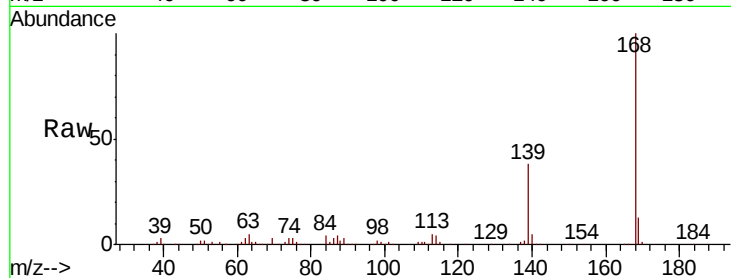




#55
Dibenzenofuran
Concen: 42.123 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

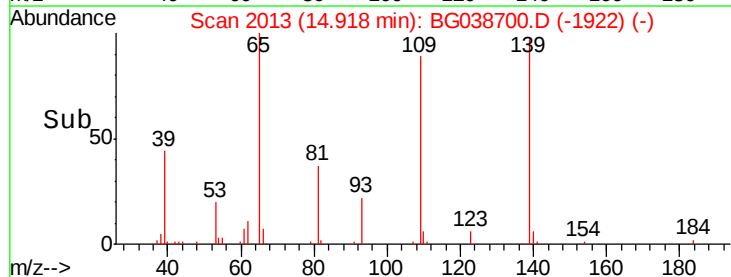
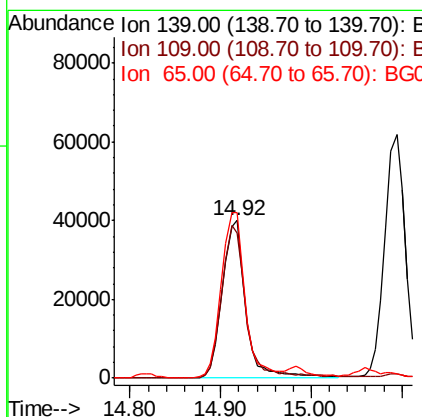
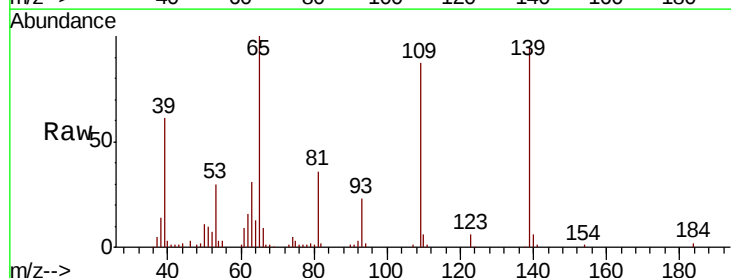
Instrument :
BNA_G
ClientSampleId :
PB115799BS

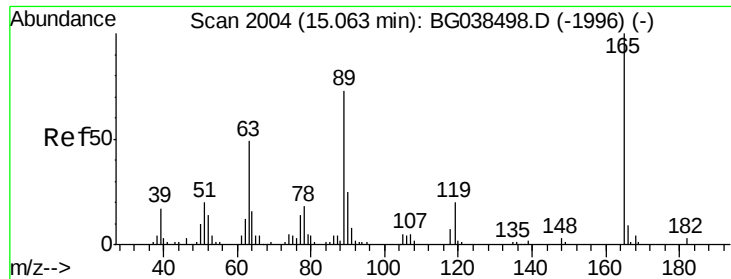
Tgt Ion:168 Resp: 250169
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 84.486 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:139 Resp: 72368
Ion Ratio Lower Upper
139 100
109 91.6 73.6 113.6
65 105.1 84.8 124.8

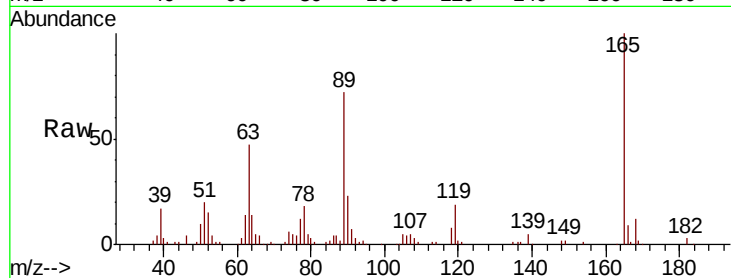




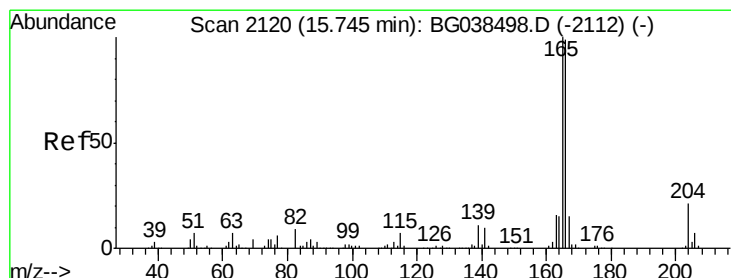
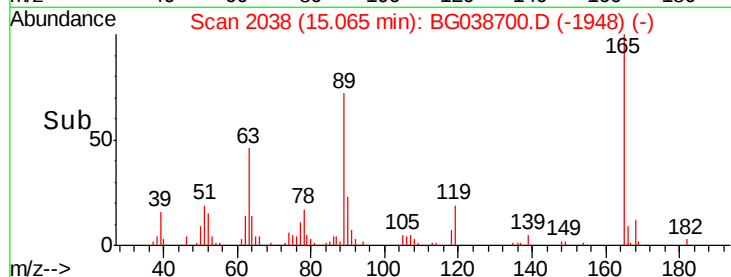
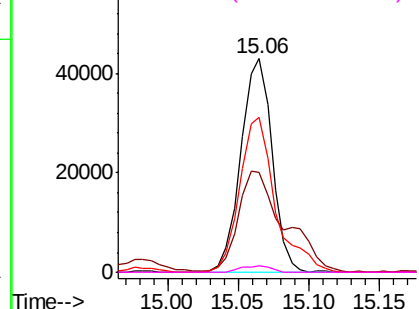
#57
2,4-Dinitrotoluene
Concen: 42.651 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.6	39.0	58.4
89	72.4	58.0	87.0
182	3.1	2.3	3.5

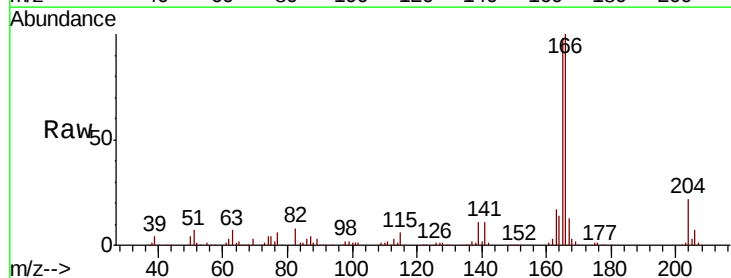


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

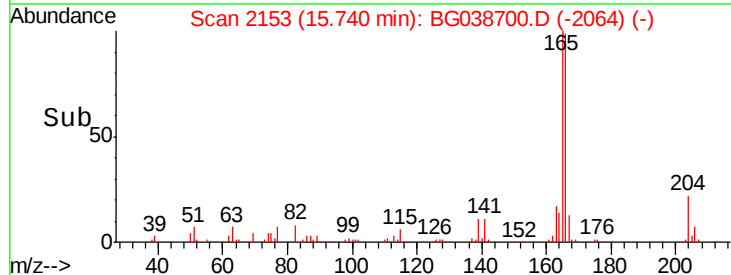
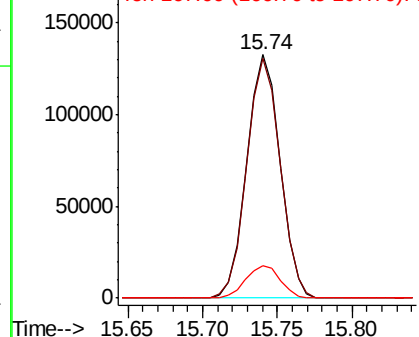


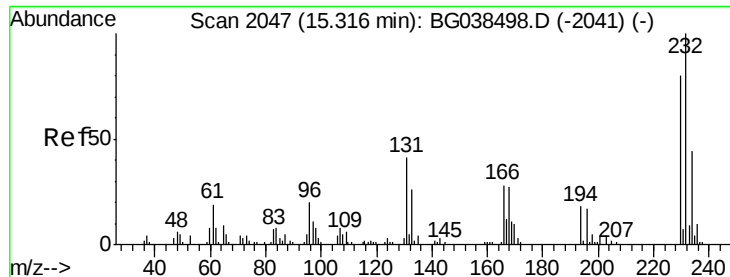
#58
Fluorene
Concen: 46.464 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.6	120.8
167	13.3	12.0	18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

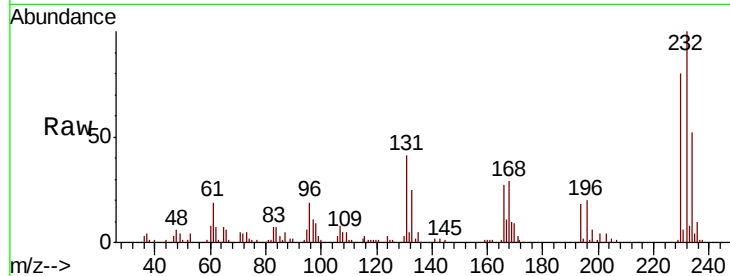




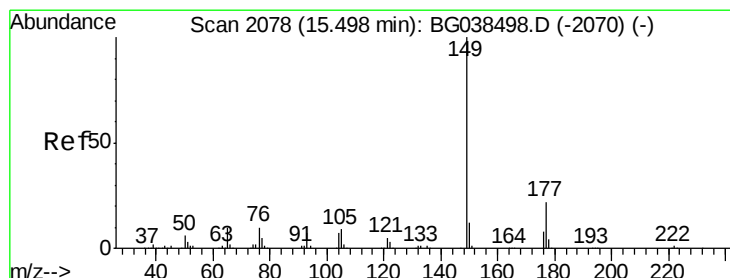
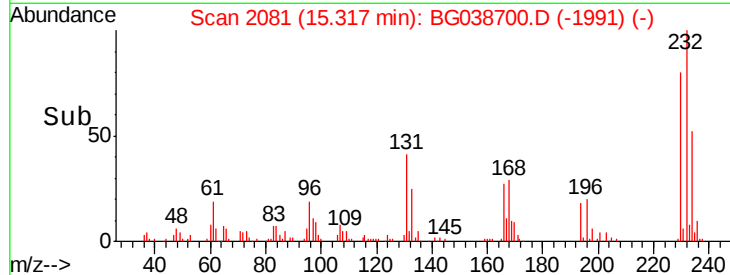
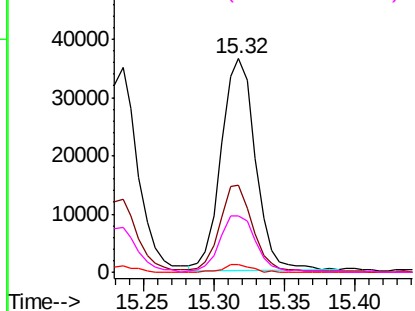
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.598 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampled :
 PB115799BS

Tgt Ion:	232	Resp:	61060
Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.0	49.4
130	3.0	2.0	3.0
166	29.1	23.1	34.7

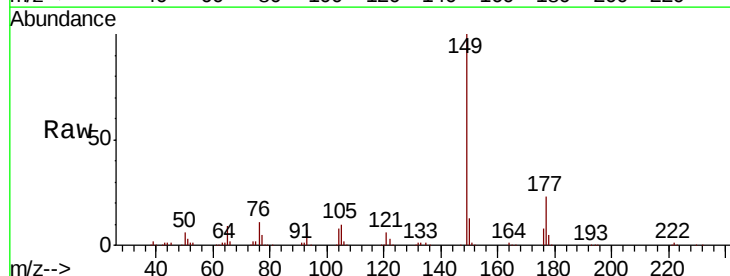


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

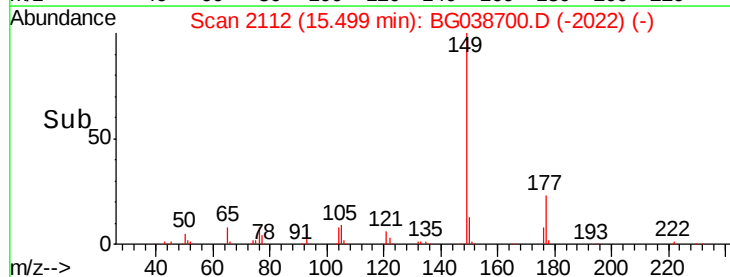
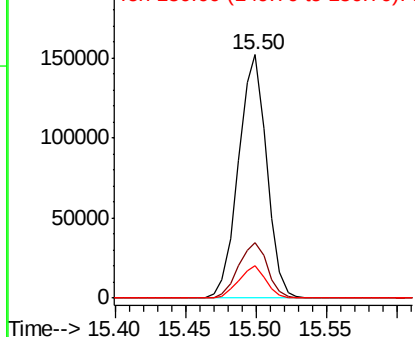


#60
 Diethylphthalate
 Concen: 39.434 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:	149	Resp:	211591
Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.7	26.5
150	13.1	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

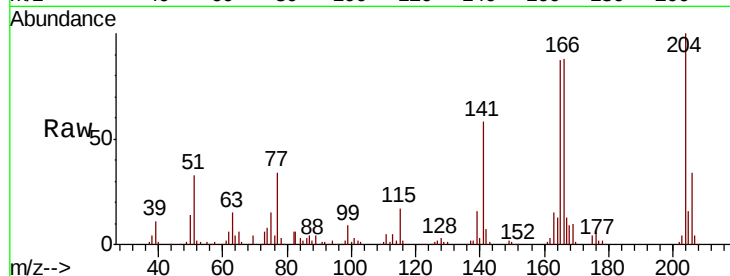




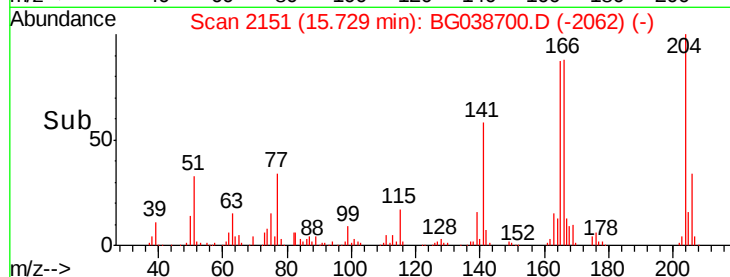
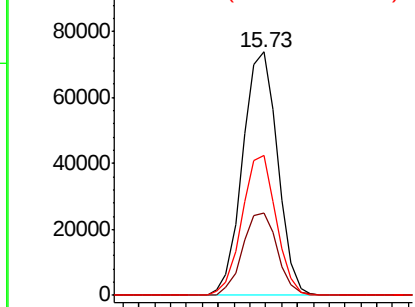
#61
 4-Chlorophenyl-phenylether
 Concen: 41.141 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion: 204 Resp: 112946
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.0 39.0
 141 57.6 44.4 66.6

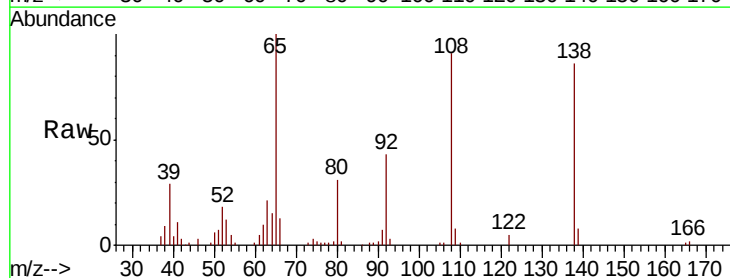


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

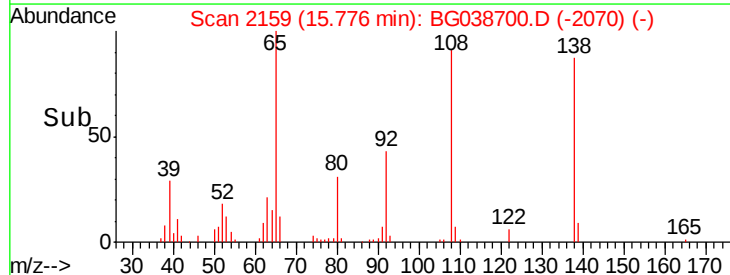
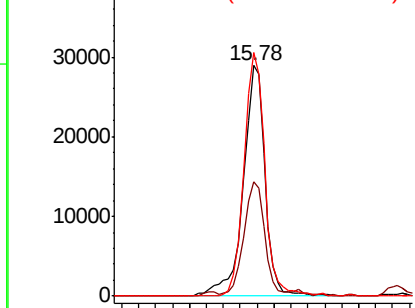


#62
 4-Nitroaniline
 Concen: 44.561 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion: 138 Resp: 51799
 Ion Ratio Lower Upper
 138 100
 92 49.8 33.3 73.3
 108 105.7 81.4 121.4



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

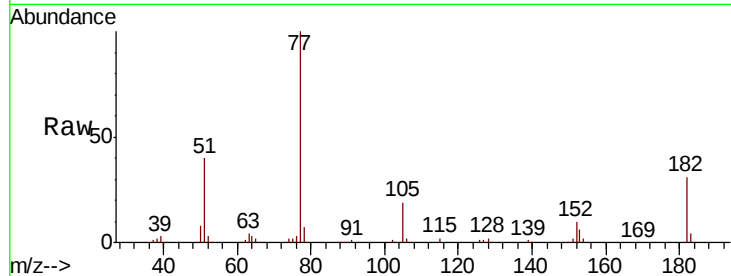




#63
Azobenzene
Concen: 41.325 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.3	8.7	48.7
105	19.2	0.0	38.7
51	40.1	16.6	56.6



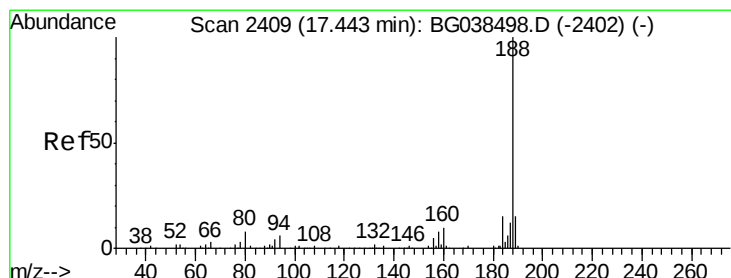
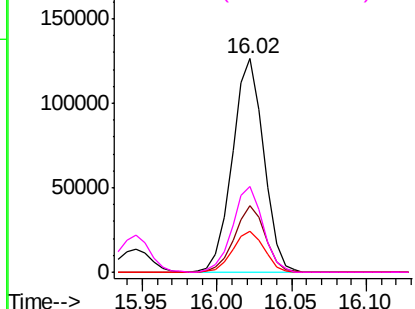
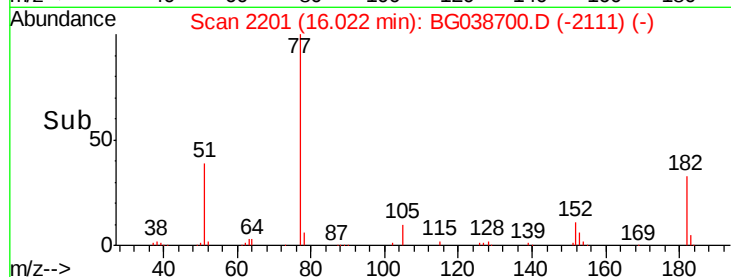
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

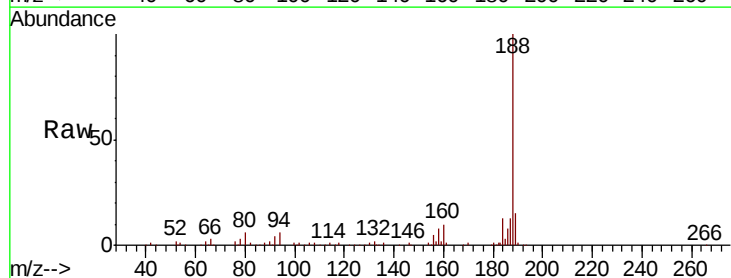
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	6.4	6.1	9.1

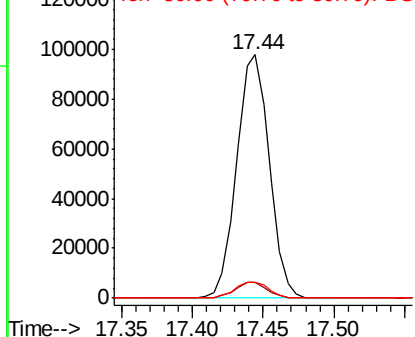
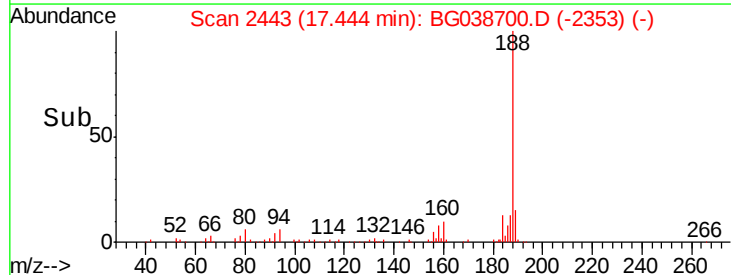


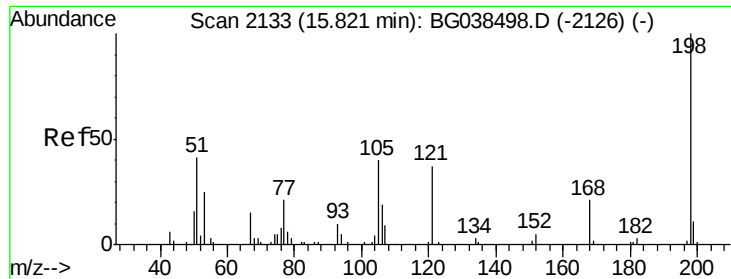
Abundance

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

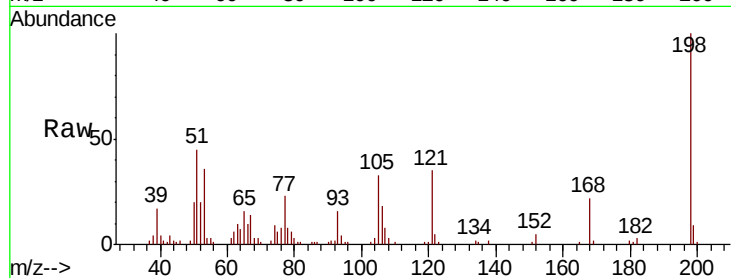




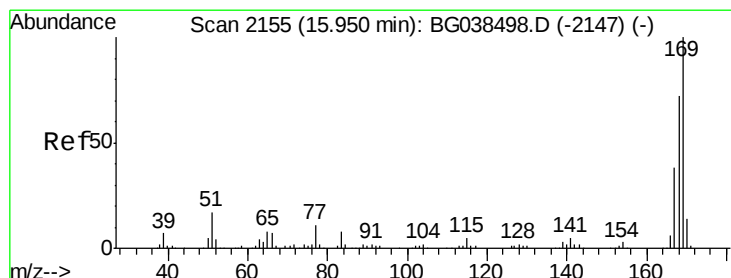
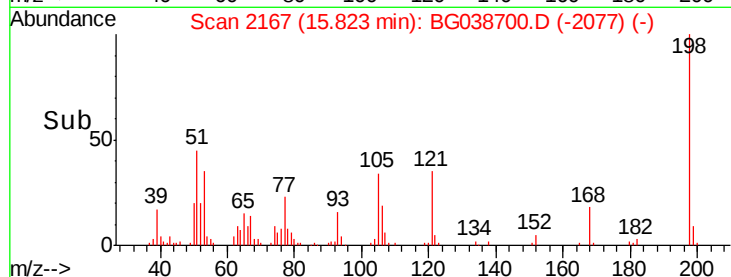
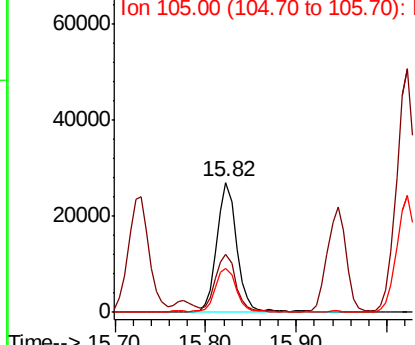
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.780 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion:198 Resp: 41404
 Ion Ratio Lower Upper
 198 100
 51 44.9 28.6 68.6
 105 33.4 20.4 60.4

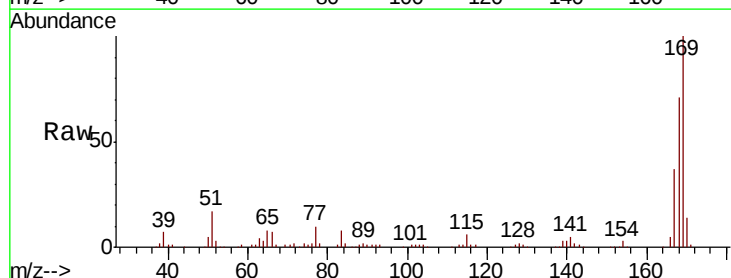


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

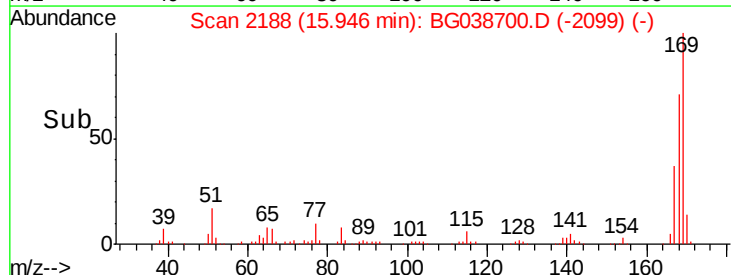
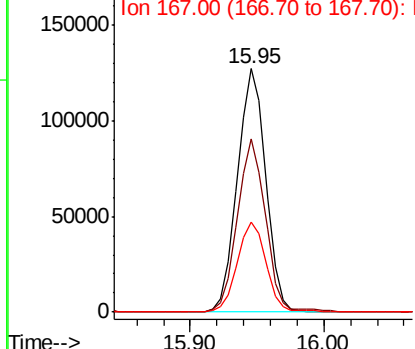


#66
 n-Nitrosodiphenylamine
 Concen: 40.395 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:169 Resp: 187300
 Ion Ratio Lower Upper
 169 100
 168 71.2 57.5 86.3
 167 36.8 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

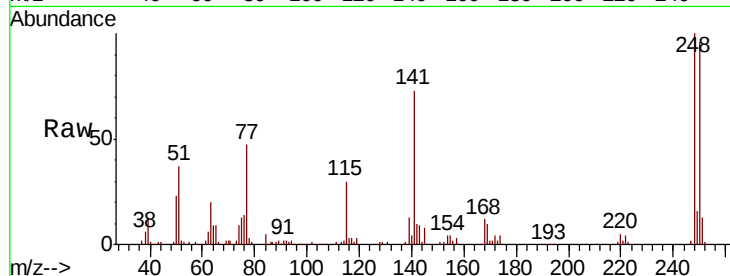




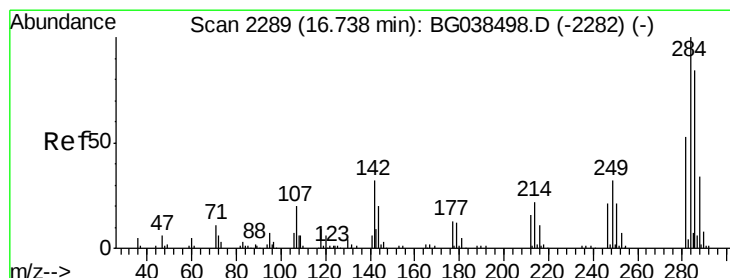
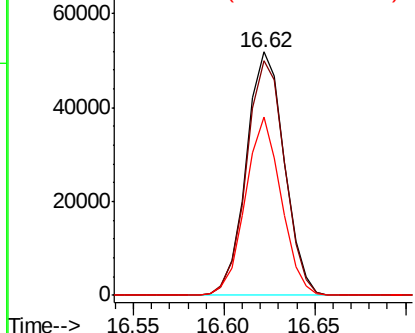
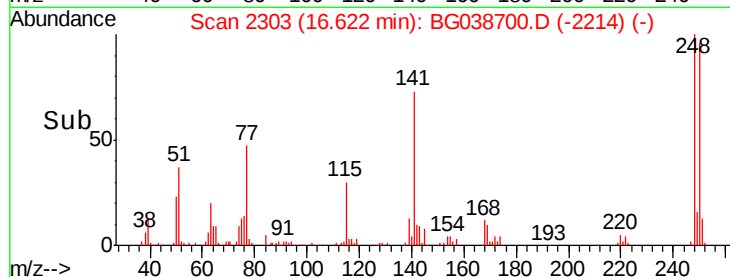
#67
 4-Bromophenyl-phenylether
 Concen: 39.213 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion:248 Resp: 75574
 Ion Ratio Lower Upper
 248 100
 250 96.3 73.4 110.2
 141 73.3 52.9 79.3

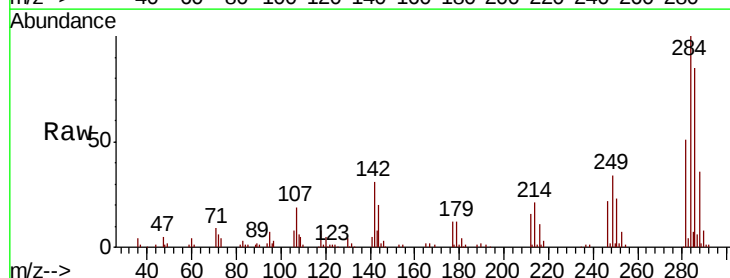


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

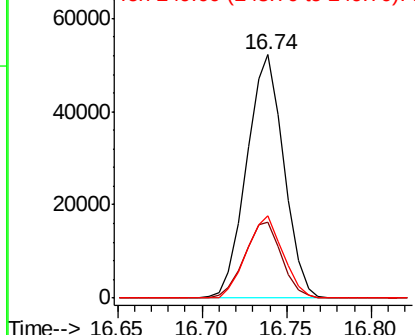
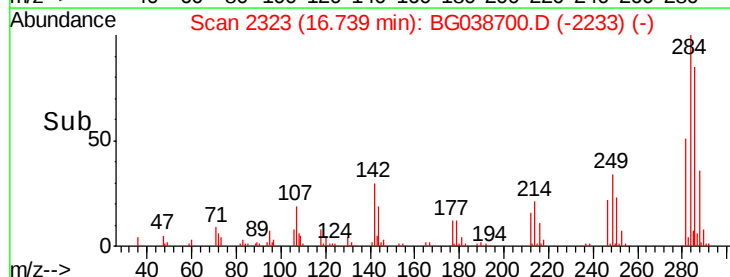


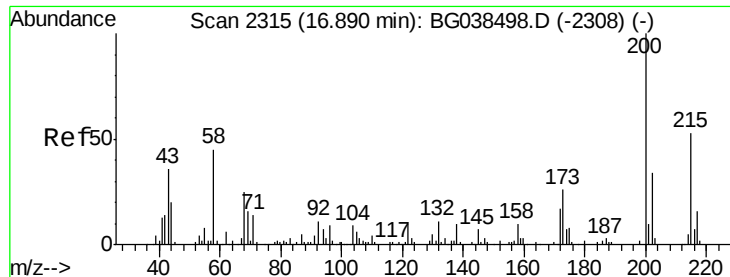
#68
 Hexachlorobenzene
 Concen: 39.844 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:284 Resp: 79602
 Ion Ratio Lower Upper
 284 100
 142 31.2 25.8 38.6
 249 36.0 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: 45.037 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

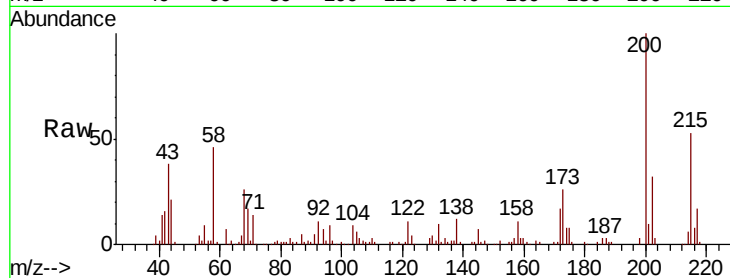
Tgt Ion:200 Resp: 77497

Ion Ratio Lower Upper

200 100

173 25.7 5.9 45.9

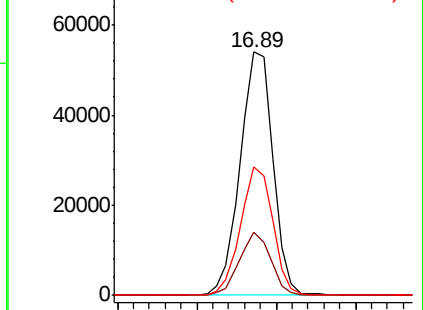
215 52.9 33.1 73.1



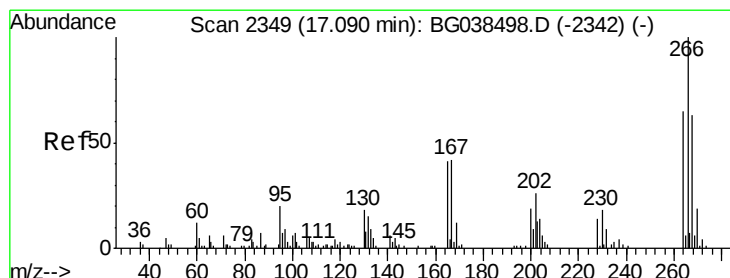
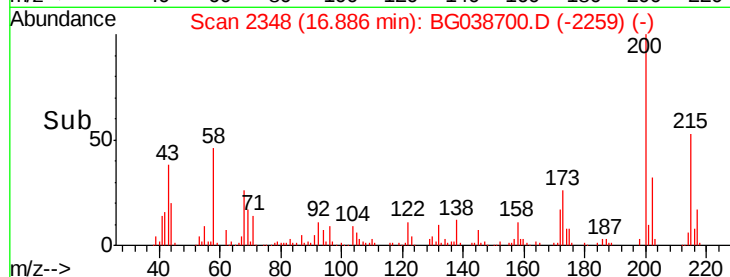
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.80 16.85 16.90 16.95



#70

Pentachlorophenol

Concen: 69.053 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

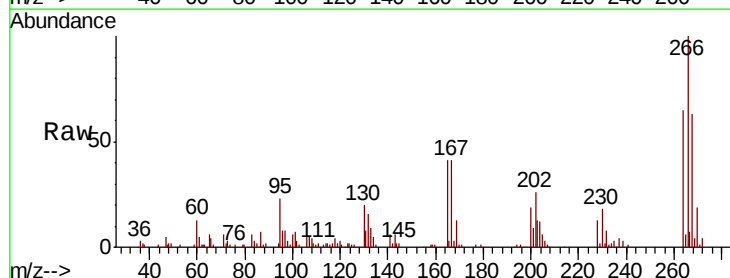
Tgt Ion:266 Resp: 81600

Ion Ratio Lower Upper

266 100

268 67.0 55.0 82.6

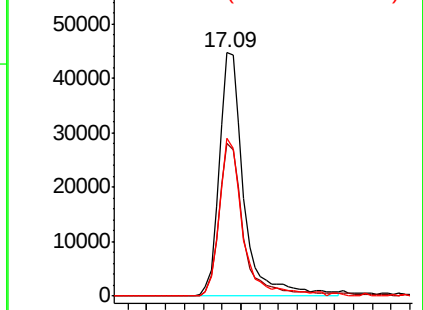
264 70.2 56.7 85.1



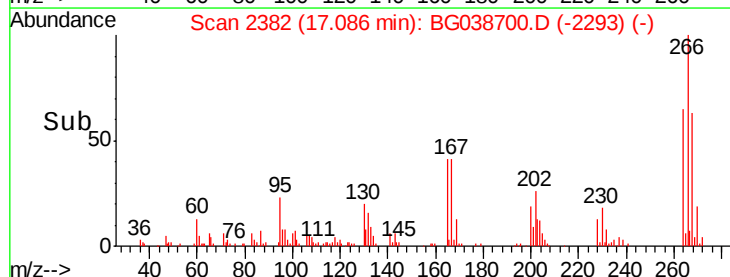
Abundance Ion 265.70 (265.40 to 266.40): E

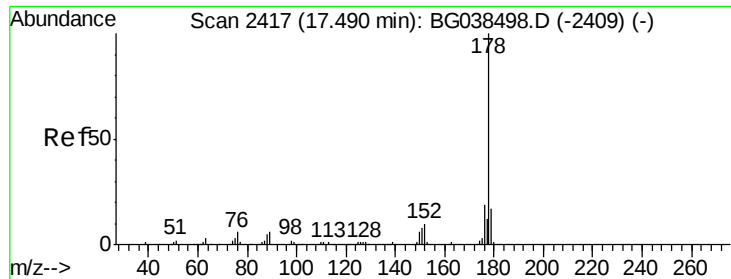
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.00 17.10 17.20

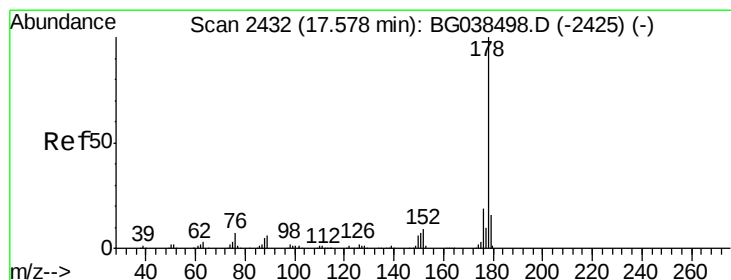
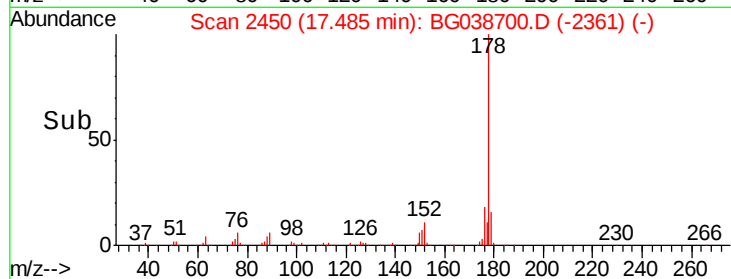
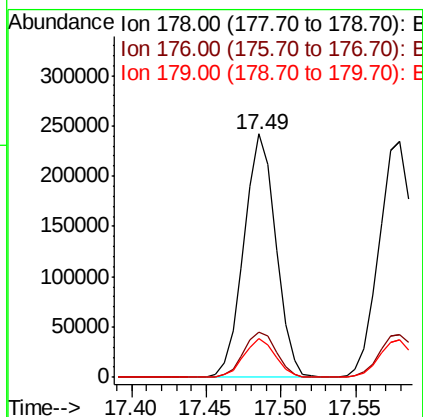
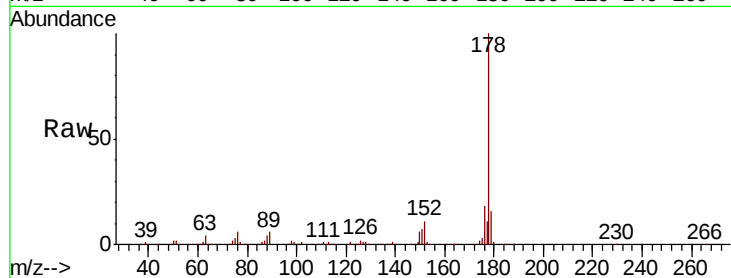




#71
Phenanthrene
Concen: 43.805 ng
RT: 17.49 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

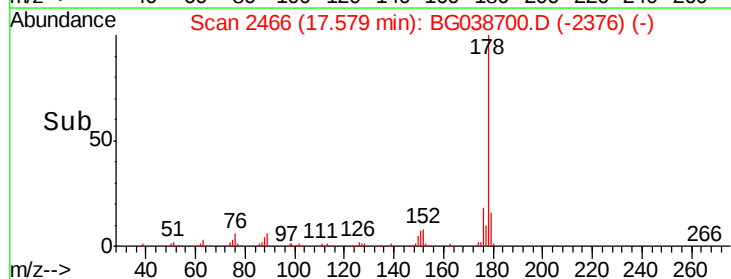
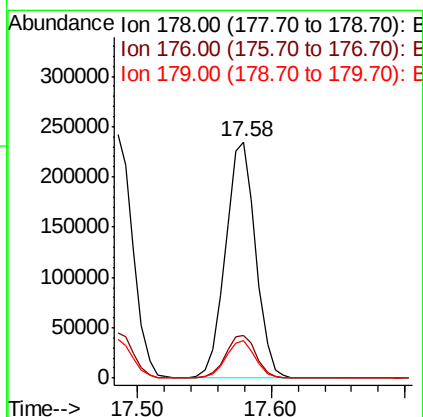
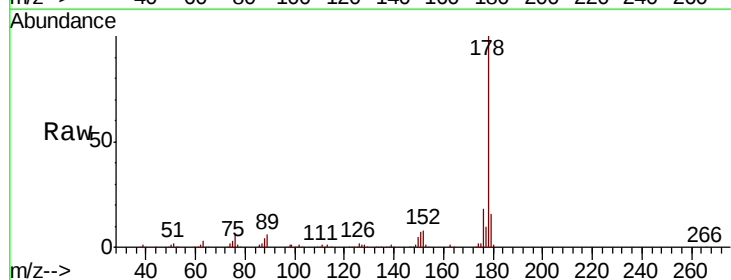
Instrument :
BNA_G
ClientSampleId :
PB115799BS

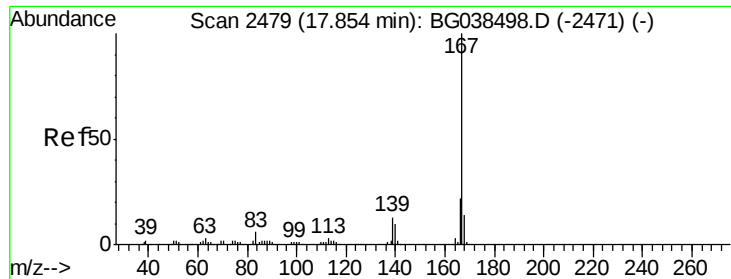
Tgt Ion:178 Resp: 358476
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.7 13.2 19.8



#72
Anthracene
Concen: 45.799 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:178 Resp: 369995
Ion Ratio Lower Upper
178 100
176 17.9 15.1 22.7
179 15.9 12.9 19.3

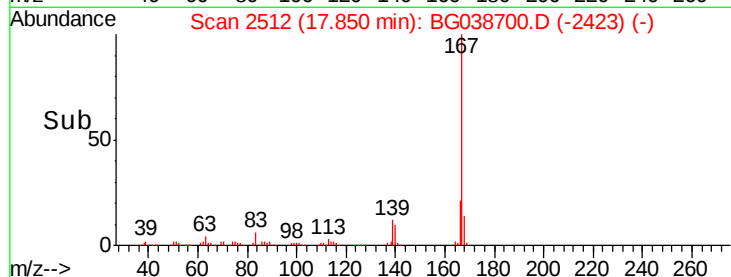
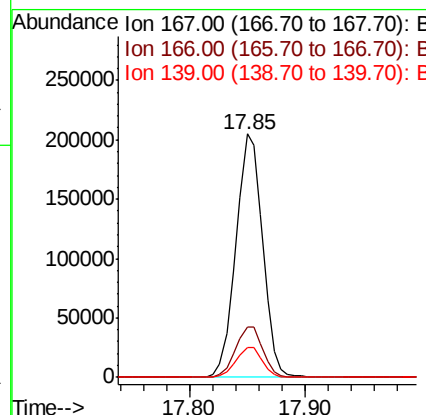
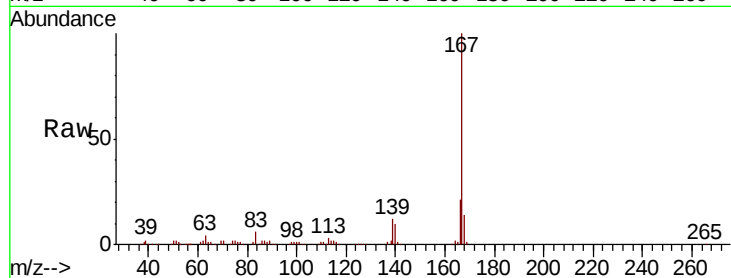




#73
 Carbazole
 Concen: 40.981 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

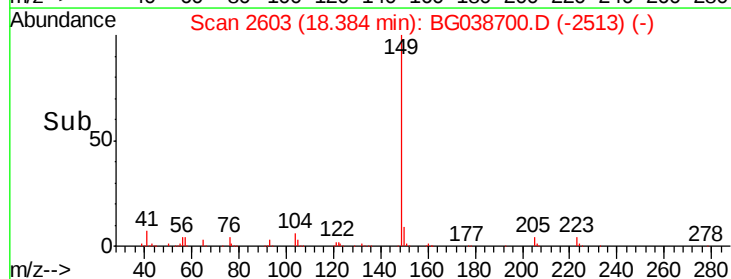
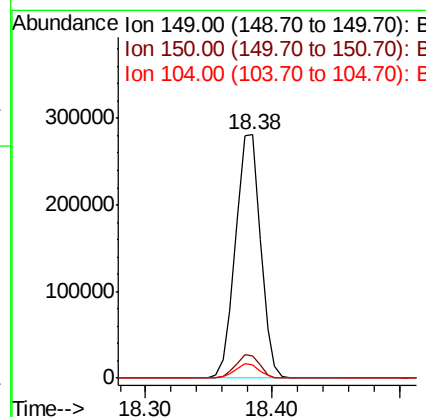
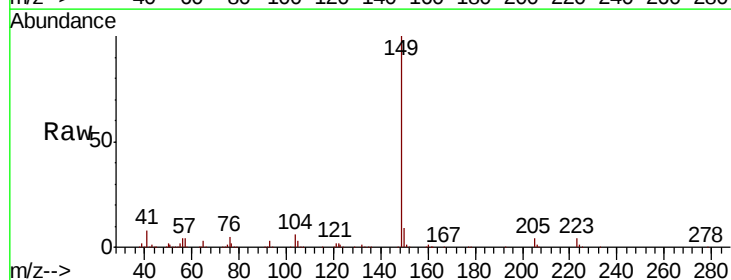
Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

Tgt Ion:167 Resp: 327422
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.9 26.9
 139 12.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.614 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion:149 Resp: 381510
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.6 11.4
 104 5.5 5.0 7.4

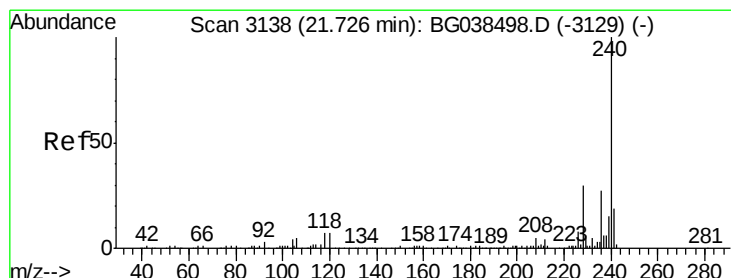
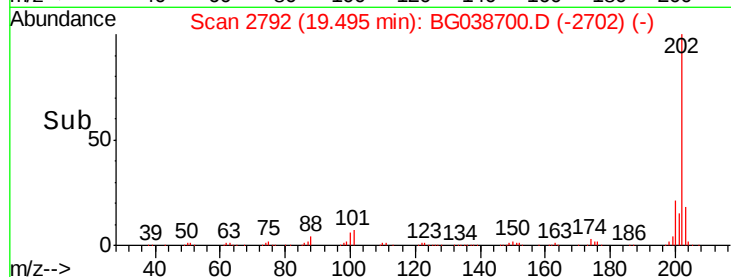
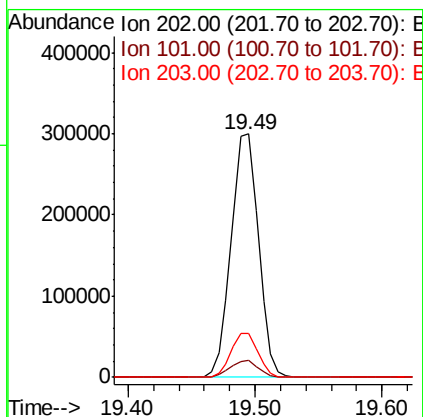
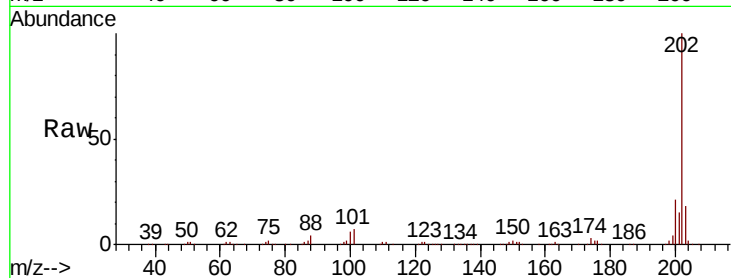




#75
 Fluoranthene
 Concen: 44.151 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

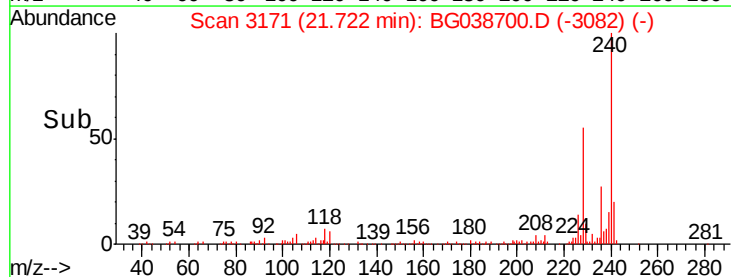
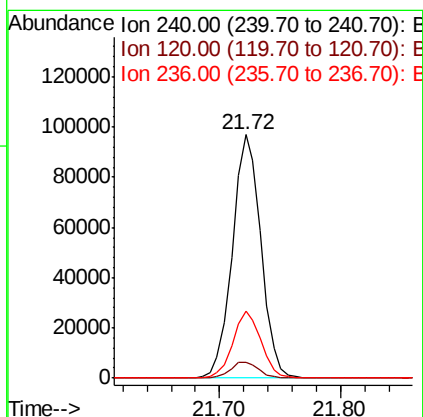
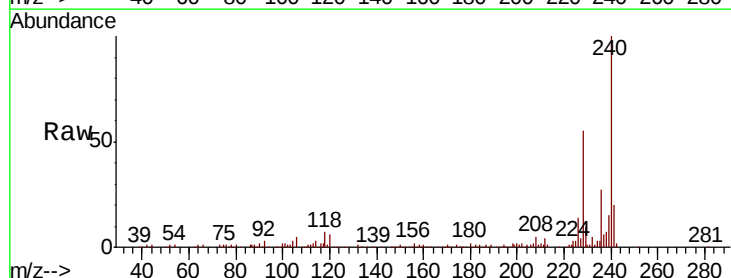
Instrument :
 BNA_G
 ClientSampleId :
 PB115799BS

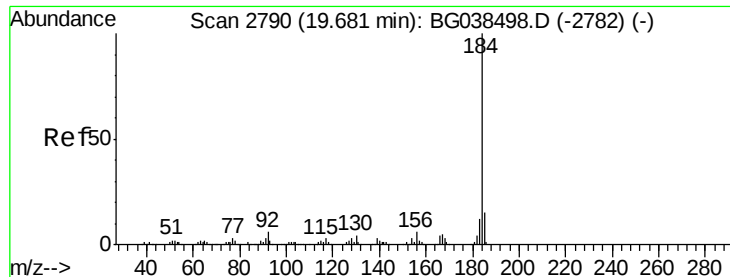
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	447038		
101	6.9		0.0	28.1
203	18.3		0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038700.D
 Acq: 18 Dec 2018 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	159181		
120	6.5		5.3	7.9
236	27.5		21.4	32.2





#77

Benzidine

Concen: 43.191 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

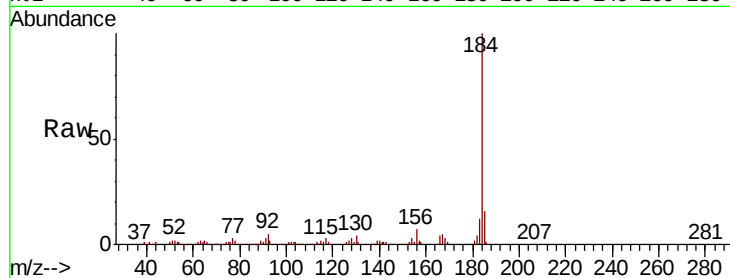
Tgt Ion:184 Resp: 203325

Ion Ratio Lower Upper

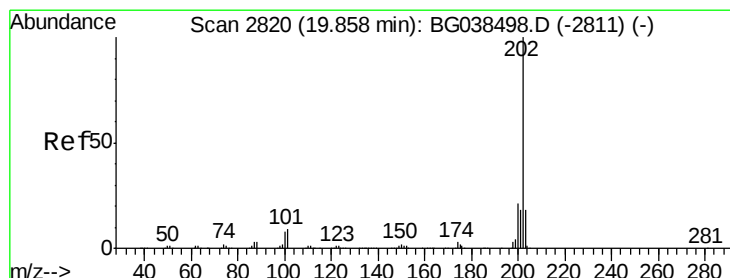
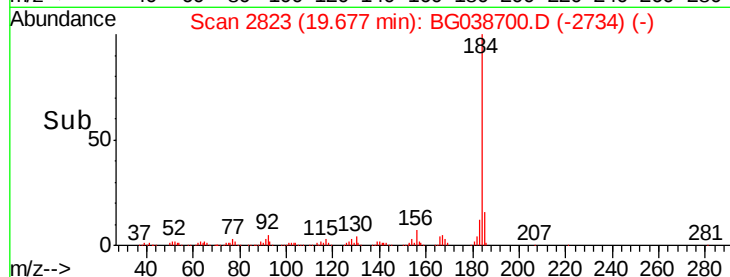
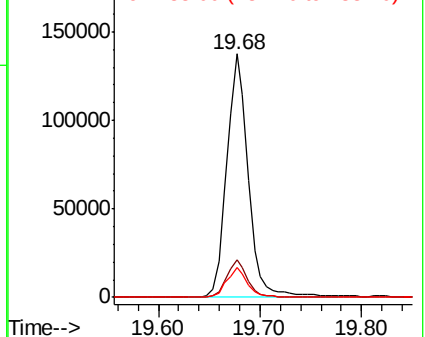
184 100

185 15.6 12.2 18.2

183 12.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.353 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

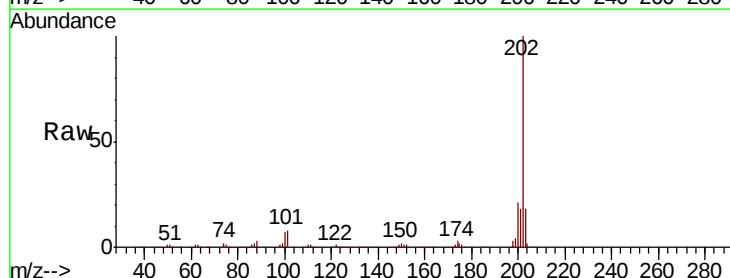
Tgt Ion:202 Resp: 445378

Ion Ratio Lower Upper

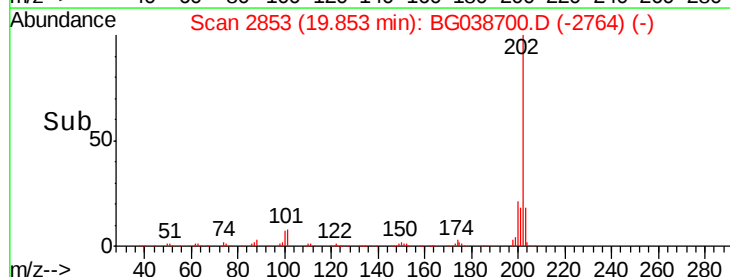
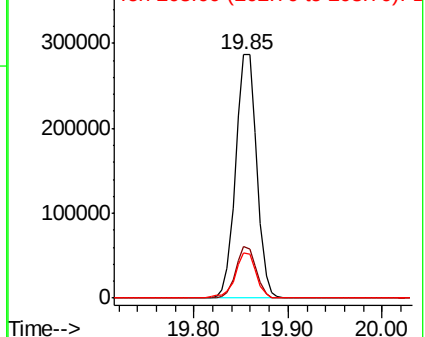
202 100

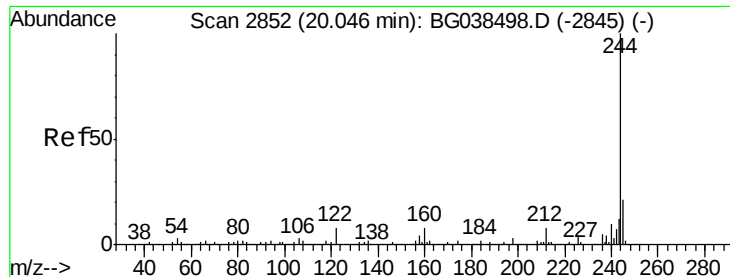
200 21.0 16.6 25.0

203 18.5 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





#79

Terphenyl-d14

Concen: 84.862 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

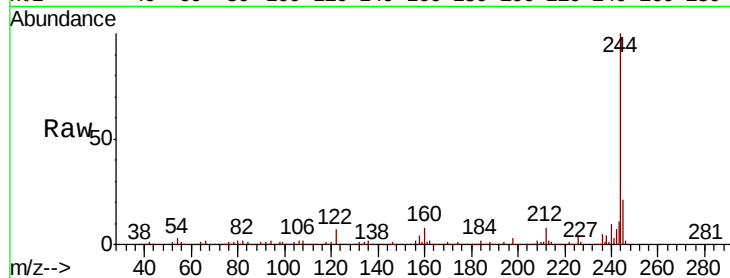
Tgt Ion:244 Resp: 620693

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

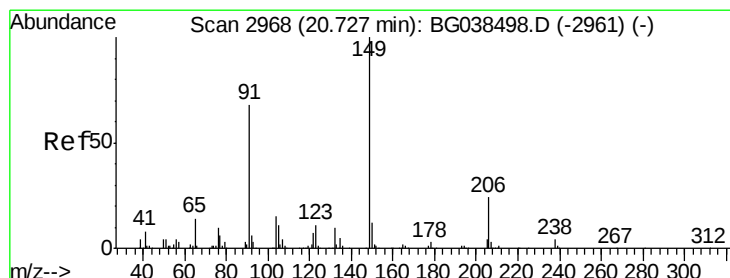
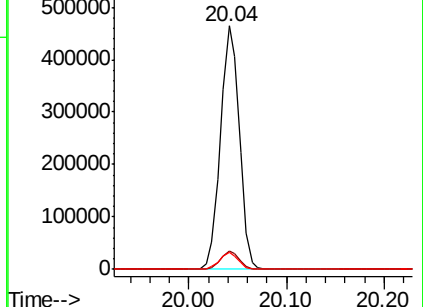
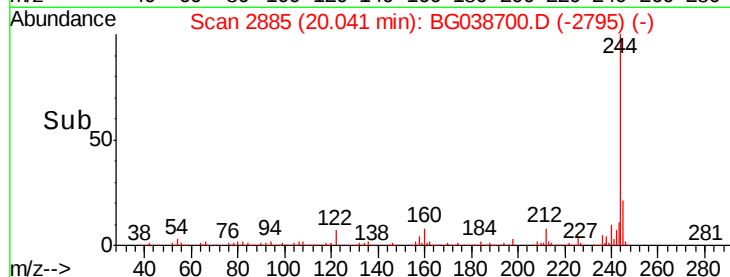
122 7.1 6.3 9.5



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: 41.960 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

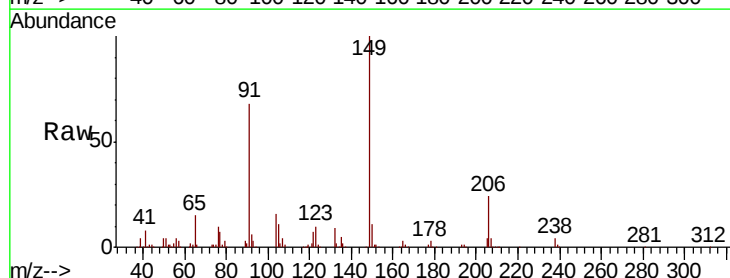
Tgt Ion:149 Resp: 172389

Ion Ratio Lower Upper

149 100

91 68.3 54.5 81.7

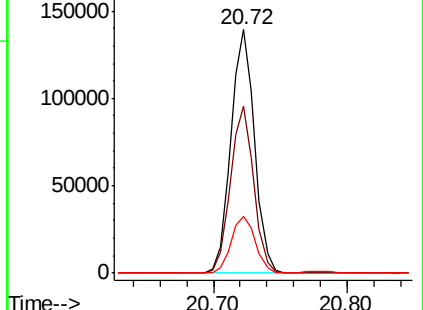
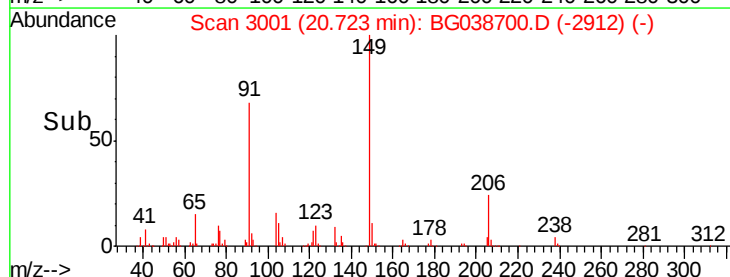
206 23.6 19.0 28.6

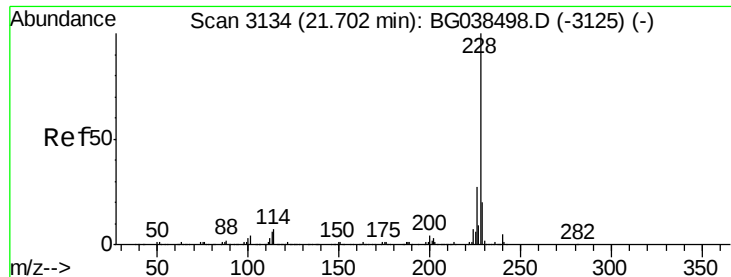


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.035 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

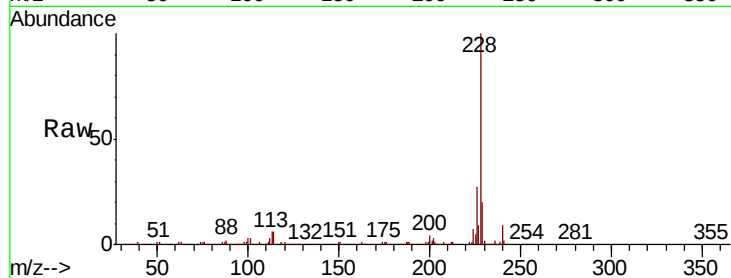
Tgt Ion:228 Resp: 436822

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

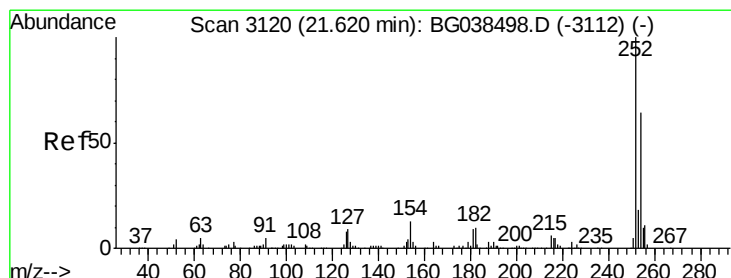
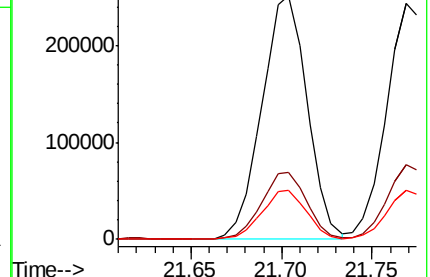
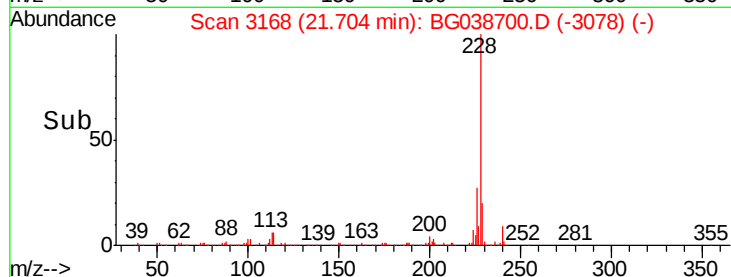
229 20.3 15.8 23.6



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: 29.291 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

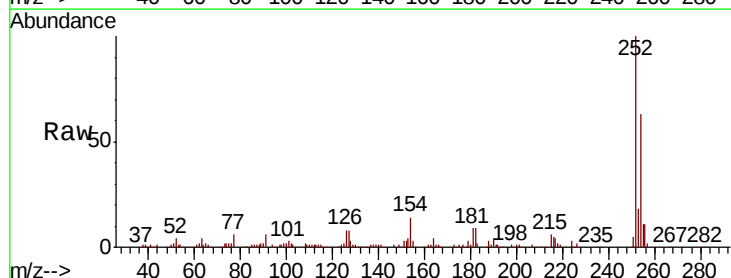
Tgt Ion:252 Resp: 112682

Ion Ratio Lower Upper

252 100

254 63.4 50.9 76.3

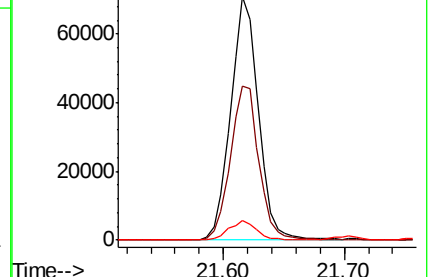
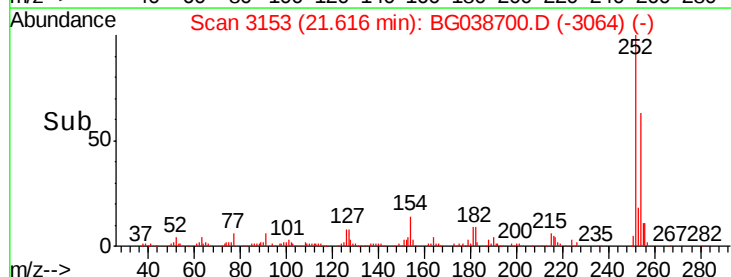
126 7.9 6.3 9.5

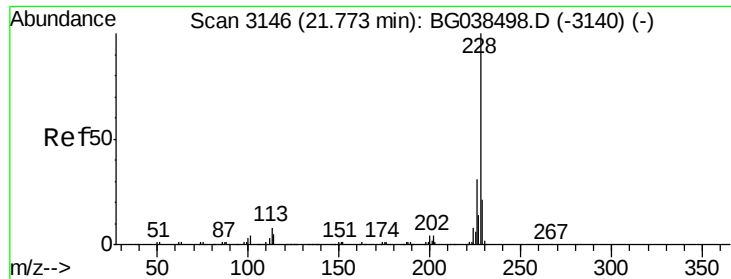


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.647 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

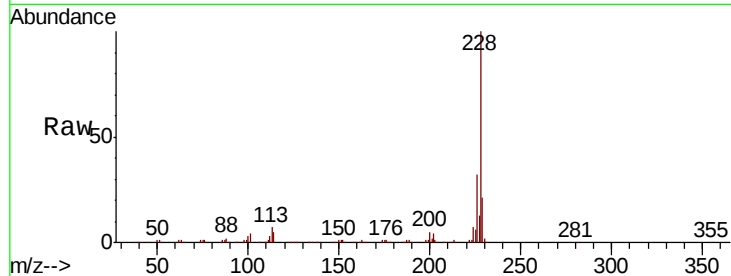
Tgt Ion:228 Resp: 407784

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.4

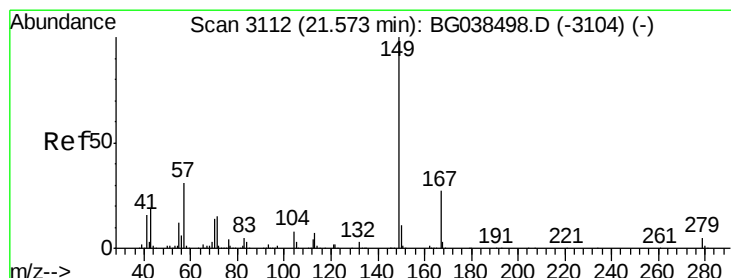
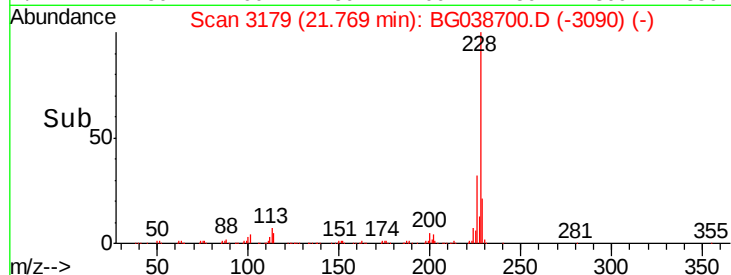
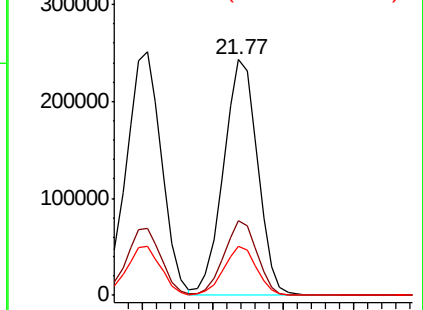
229 20.9 16.5 24.7



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: 41.040 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

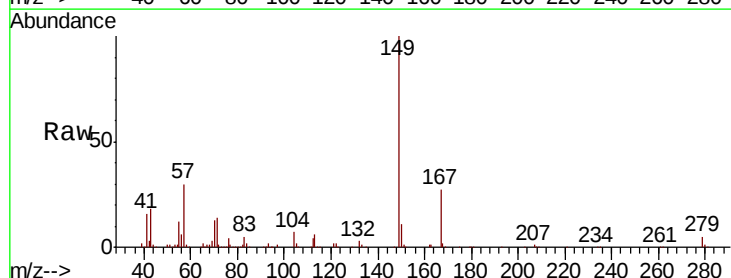
Tgt Ion:149 Resp: 239139

Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

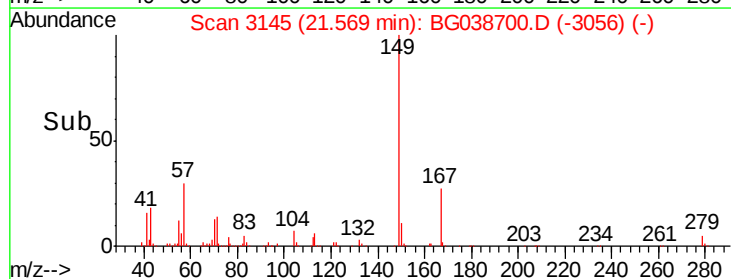
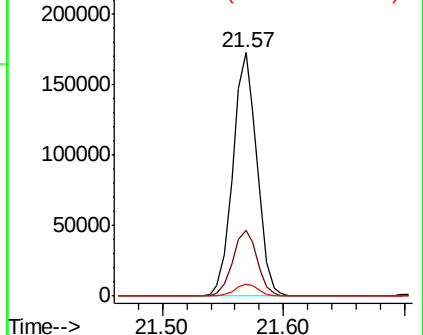
279 4.9 4.2 6.2

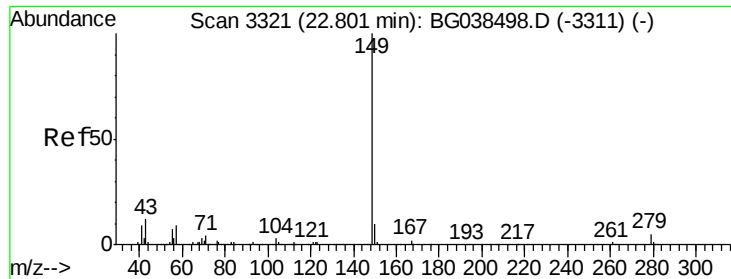


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

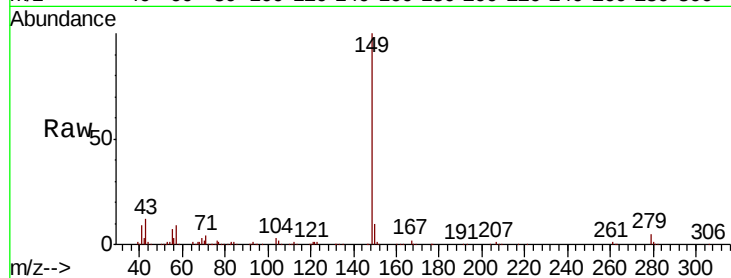




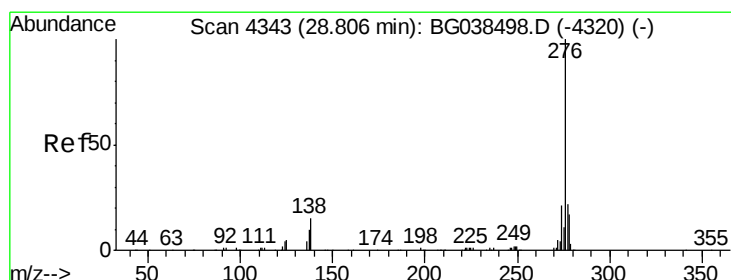
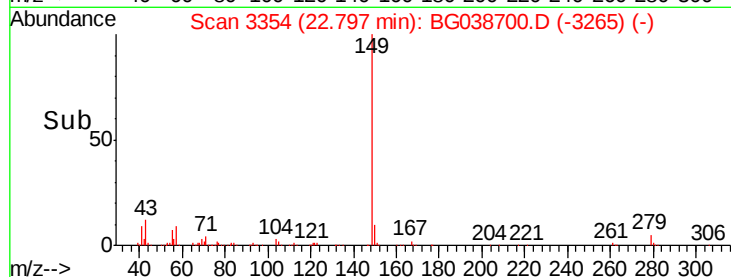
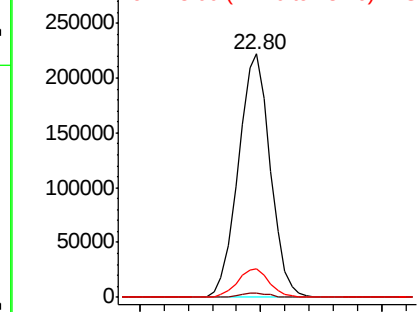
#85
Di-n-octyl phthalate
Concen: 41.846 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.7	9.3	13.9

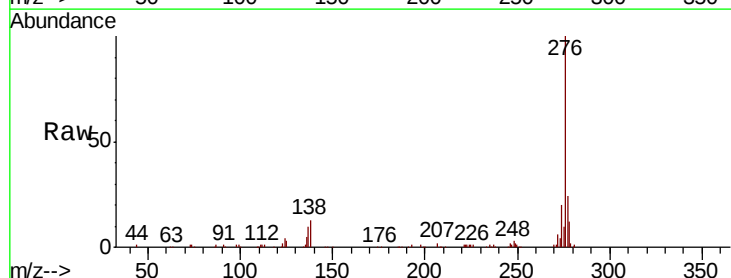


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

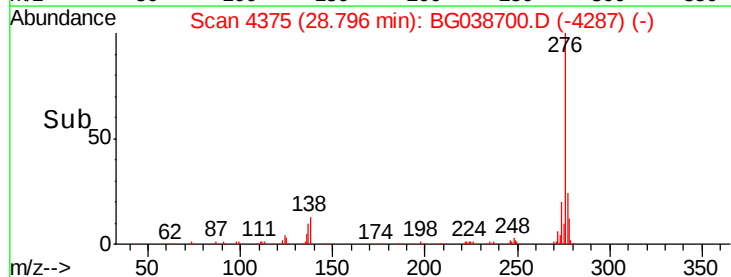
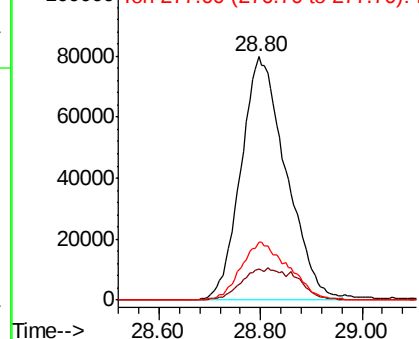


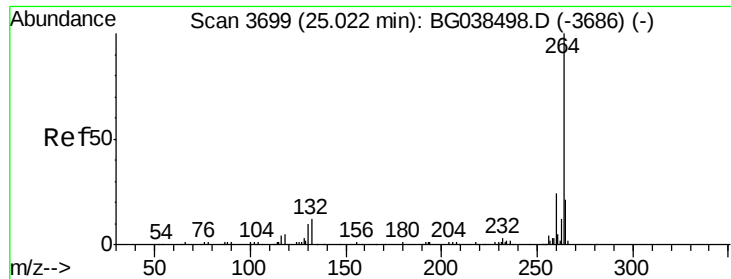
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.009 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.8	14.4	21.6#
277	25.1	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



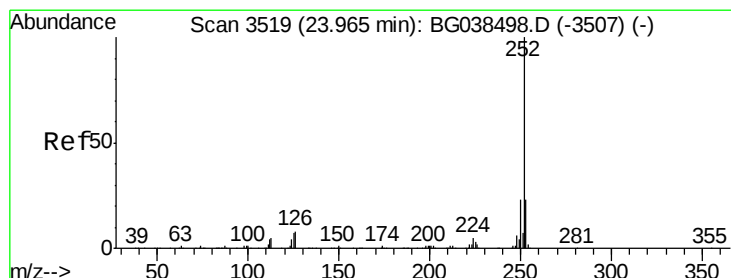
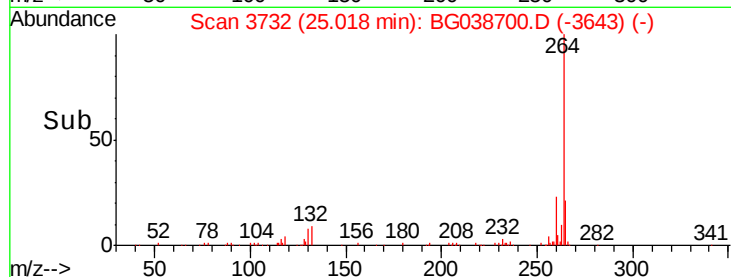
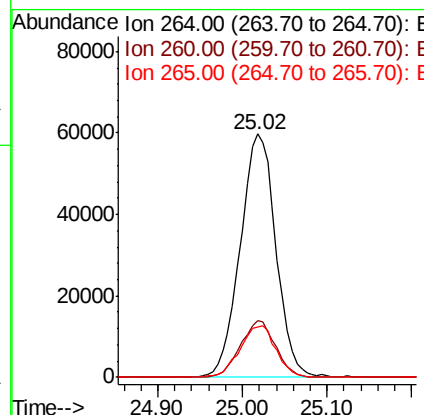
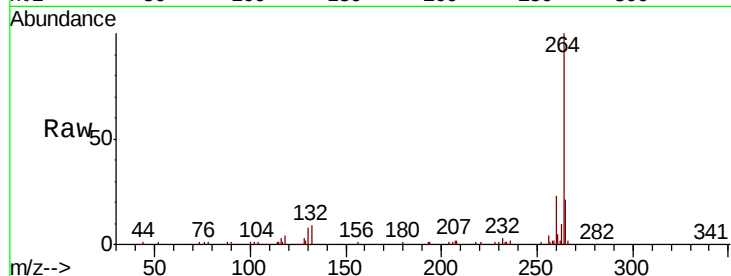


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion: 264 Resp: 174699

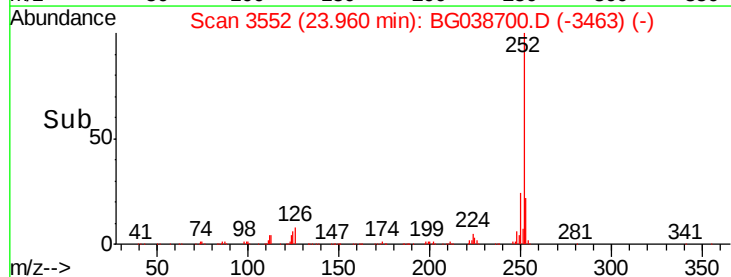
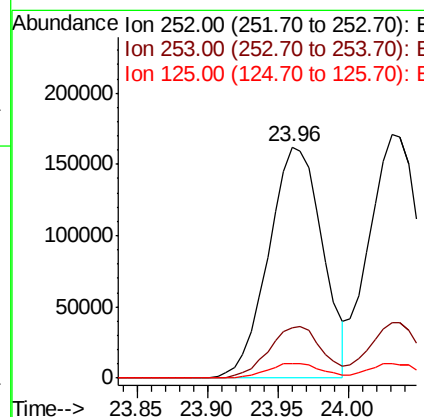
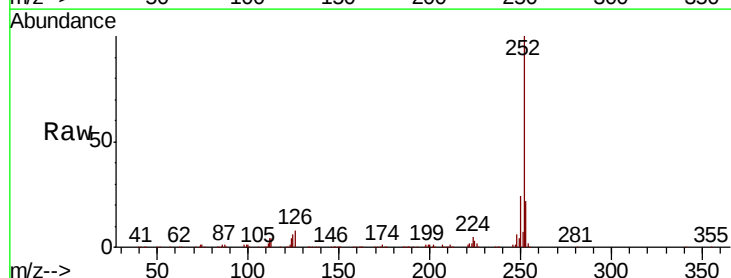
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	20.6	17.0	25.4

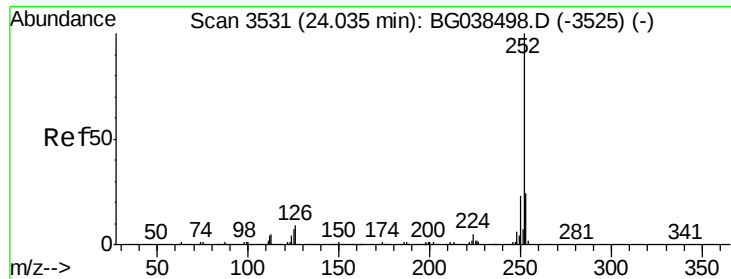


#88
Benzo(b)fluoranthene
Concen: 45.082 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion: 252 Resp: 432415

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	6.4	5.5	8.3

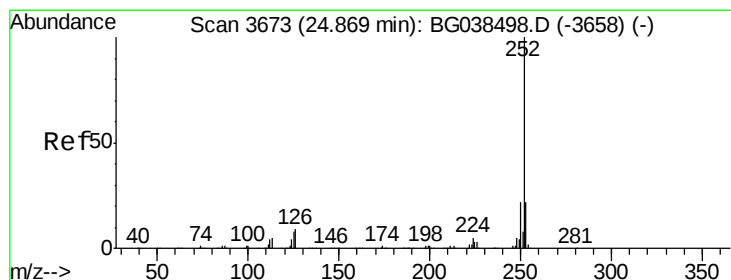
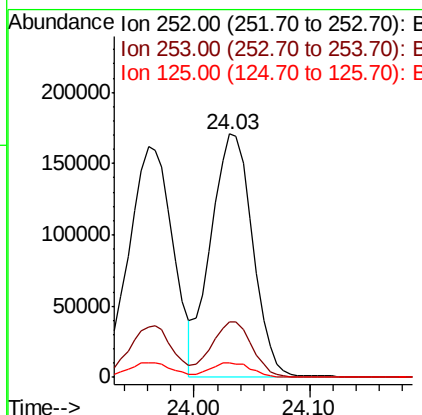
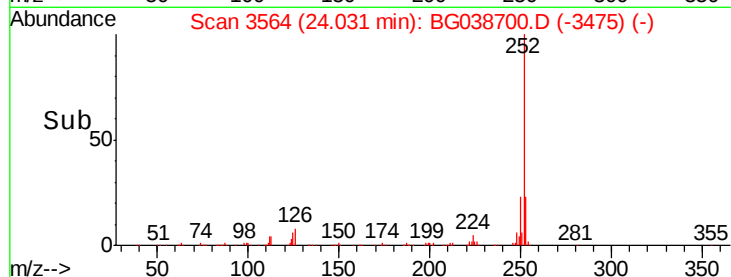
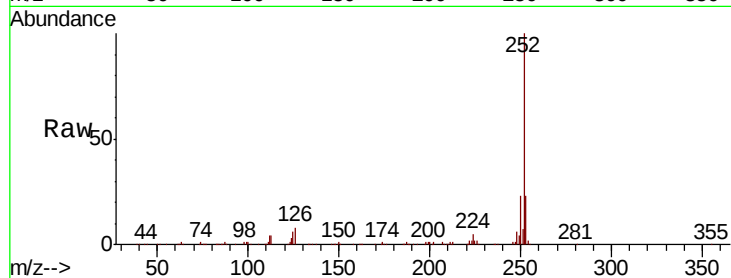




#89
Benzo(k)fluoranthene
Concen: 44.852 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

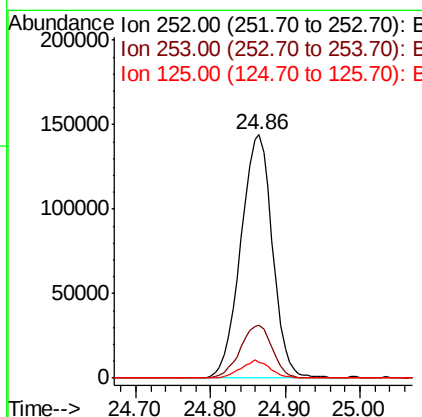
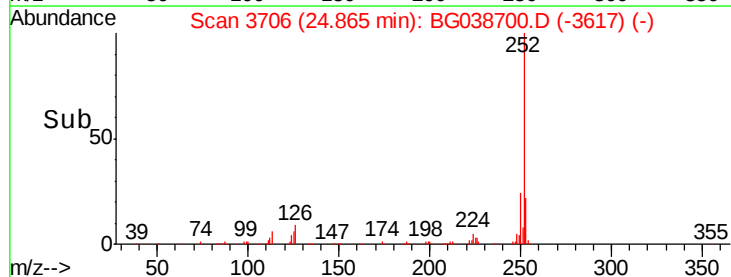
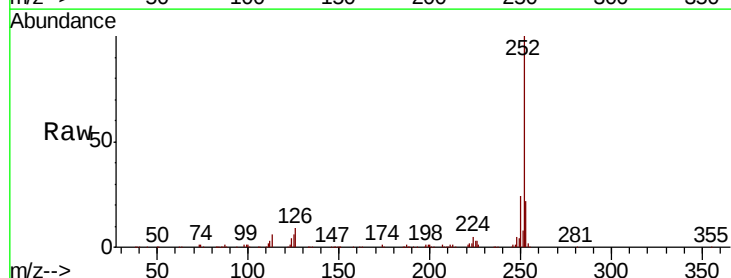
Instrument :
BNA_G
ClientSampleId :
PB115799BS

Tgt Ion:252 Resp: 428398
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 5.9 5.4 8.2



#90
Benzo(a)pyrene
Concen: 45.919 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG038700.D
Acq: 18 Dec 2018 18:39

Tgt Ion:252 Resp: 424908
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 6.4 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 44.738 ng

RT: 28.87 min Scan# 4387

Delta R.T. 0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB115799BS

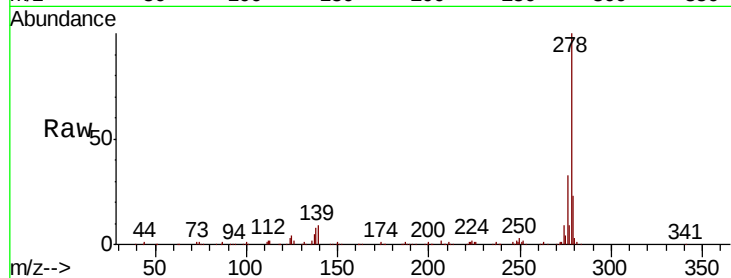
Tgt Ion:278 Resp: 412189

Ion Ratio Lower Upper

278 100

139 8.7 8.6 12.8

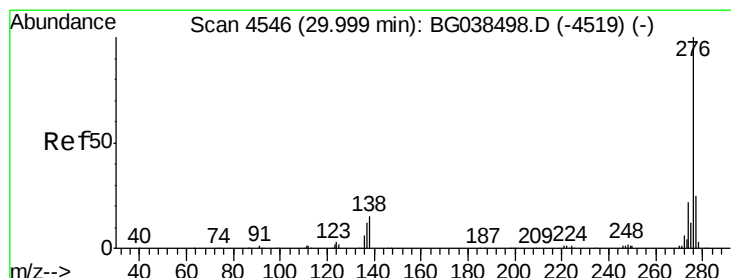
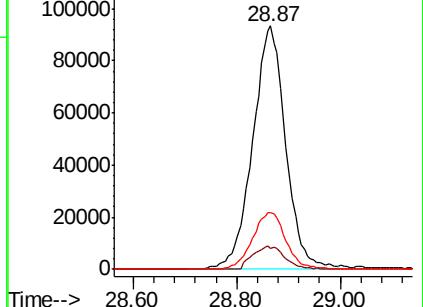
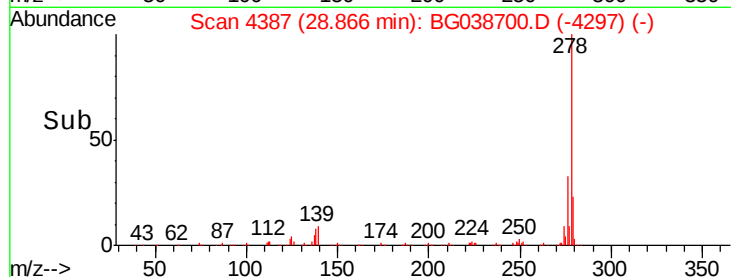
279 23.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.631 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.00 min

Lab File: BG038700.D

Acq: 18 Dec 2018 18:39

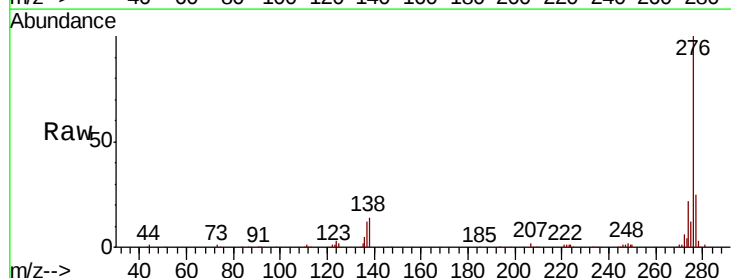
Tgt Ion:276 Resp: 405245

Ion Ratio Lower Upper

276 100

277 25.3 19.8 29.8

138 13.8 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

