

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038830.D
 Acq On : 26 Dec 2018 14:57
 Operator : JU/SJ
 Sample : PB115917BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

Quant Time: Dec 26 15:54:20 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	8.05	152	19741	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	79655	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	59186	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	162210	20.00	ng	0.00
76) Chrysene-d12	21.73	240	161211	20.00	ng	0.00
87) Perylene-d12	25.02	264	176202	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	135370	121.62	ng	0.00
7) Phenol-d6	7.21	99	190736	124.83	ng	0.00
23) Nitrobenzene-d5	9.23	82	97377	62.45	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	117528	144.08	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	283994	65.83	ng	0.00
79) Terphenyl-d14	20.04	244	622379	84.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	15035	29.025	ng	96
3) Pyridine	3.89	79	44594	31.268	ng	99
4) n-Nitrosodimethylamine	3.81	42	25052	35.849	ng	# 86
6) Aniline	7.38	93	65450	33.555	ng	96
8) 2-Chlorophenol	7.62	128	58717	45.587	ng	95
9) Benzaldehyde	7.20	77	14660	14.790	ng	97
10) Phenol	7.24	94	74371	45.815	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	46631	36.081	ng	96
12) 1,3-Dichlorobenzene	7.94	146	58518	38.425	ng	98
13) 1,4-Dichlorobenzene	8.09	146	59639	38.237	ng	98
14) 1,2-Dichlorobenzene	8.41	146	58330	39.669	ng	99
15) Benzyl Alcohol	8.30	79	51909	43.525	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	96186	32.489	ng	97
17) 2-Methylphenol	8.50	107	52830	48.575	ng	98
18) Hexachloroethane	9.13	117	21154	37.116	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	41058	38.259	ng	96
20) 3+4-Methylphenols	8.83	107	72113	48.011	ng	97
22) Acetophenone	8.89	105	84155	42.297	ng	# 94
24) Nitrobenzene	9.27	77	63905	40.515	ng	100
25) Isophorone	9.79	82	121743	43.458	ng	96
26) 2-Nitrophenol	9.99	139	33162	41.077	ng	95
27) 2,4-Dimethylphenol	10.03	122	60590	52.368	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	67685	42.813	ng	97
29) 2,4-Dichlorophenol	10.52	162	69970	54.360	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	66505	42.775	ng	99
31) Naphthalene	10.93	128	181198	46.169	ng	98
32) Benzoic acid	10.19	122	30513	42.892	ng	96
33) 4-Chloroaniline	11.04	127	49396	28.990	ng	97
34) Hexachlorobutadiene	11.18	225	45990	43.716	ng	95
35) Caprolactam	11.83	113	24682	46.336	ng	# 71
36) 4-Chloro-3-methylphenol	12.15	107	71681	48.801	ng	93
37) 2-Methylnaphthalene	12.52	142	143402	51.217	ng	99
38) 1-Methylnaphthalene	12.74	142	137735	50.694	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	88298	39.911	ng	99

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 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	112786	92.793	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	64003	47.051	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	67937	47.171	nq	92
46) 1,1'-Biphenyl	13.53	154	195152	39.332	nq	97
47) 2-Chloronaphthalene	13.58	162	157668	41.138	nq	99
48) 2-Nitroaniline	13.79	65	49737	40.742	nq	88
49) Acenaphthylene	14.42	152	262780	45.863	nq	99
50) Dimethylphthalate	14.15	163	221675	45.864	nq	99
51) 2,6-Dinitrotoluene	14.27	165	49397	45.098	nq	92
52) Acenaphthene	14.76	154	151254	44.147	nq	98
53) 3-Nitroaniline	14.62	138	36242	32.459	nq	88
54) 2,4-Dinitrophenol	14.82	184	63919	96.907	nq	97
55) Dibenzofuran	15.09	168	259849	44.245	nq	96
56) 4-Nitrophenol	14.92	139	75847	89.544	nq	96
57) 2,4-Dinitrotoluene	15.06	165	72483	46.984	nq	95
58) Fluorene	15.74	166	214771	49.360	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	67970	52.455	nq	95
60) Diethylphthalate	15.50	149	233436	43.995	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	121667	44.816	nq	98
62) 4-Nitroaniline	15.78	138	55567	48.340	nq	97
63) Azobenzene	16.02	77	184337	41.587	nq	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	49555	42.826	nq	85
66) n-Nitrosodiphenylamine	15.94	169	201999	42.383	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	85354	43.085	nq	94
68) Hexachlorobenzene	16.74	284	91025	44.325	nq	97
69) Atrazine	16.89	200	85245	48.195	nq	97
70) Pentachlorophenol	17.09	266	97186	80.010	nq	98
71) Phenanthrene	17.49	178	386787	45.982	nq	98
72) Anthracene	17.58	178	393791	47.421	nq	99
73) Carbazole	17.85	167	352625	42.937	nq	99
74) Di-n-butylphthalate	18.38	149	409459	43.451	nq	99
75) Fluoranthene	19.49	202	477519	45.882	nq	97
77) Benzidine	19.67	184	220265	46.200	nq	98
78) Pyrene	19.86	202	473661	44.475	nq	98
80) Butylbenzylphthalate	20.72	149	174308	41.892	nq	98
81) Benzo(a)anthracene	21.70	228	451895	46.002	nq	98
82) 3,3'-Dichlorobenzidine	21.62	252	117518	30.164	nq	98
83) Chrysene	21.77	228	419893	44.377	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	239225	40.538	nq	97
85) Di-n-octyl phthalate	22.79	149	408677	41.351	nq	98
86) Indeno(1,2,3-cd)pyrene	28.81	276	524651	47.164	nq	# 73
88) Benzo(b)fluoranthene	23.96	252	454874	47.019	nq	99
89) Benzo(k)fluoranthene	24.03	252	436070	45.266	nq	96
90) Benzo(a)pyrene	24.86	252	442093	47.368	nq	# 98
91) Dibenzo(a,h)anthracene	28.87	278	435285	46.841	nq	# 97
92) Benzo(g,h,i)perylene	30.00	276	432140	47.187	nq	# 96

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

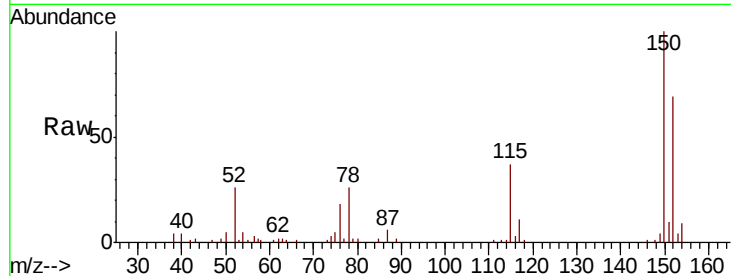


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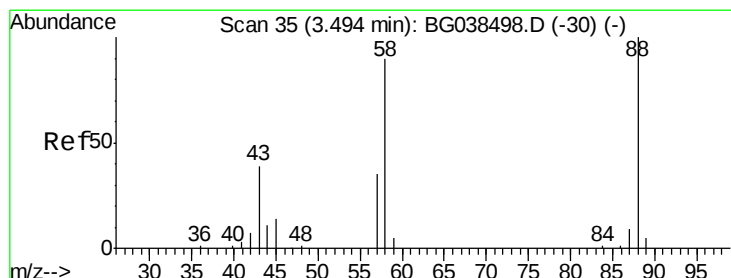
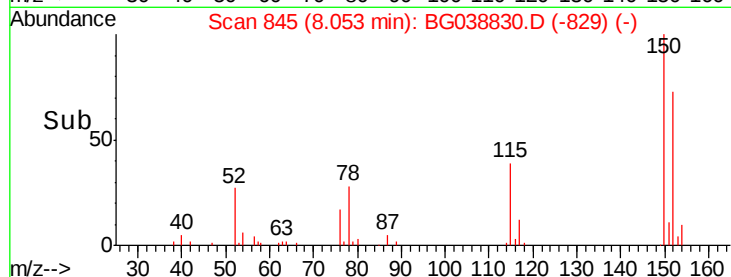
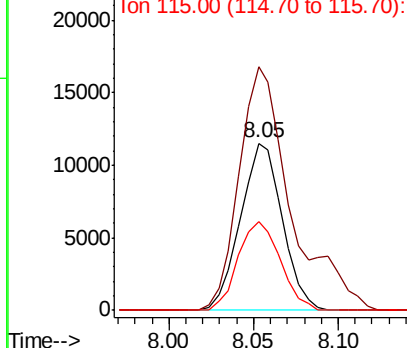
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Instrument :
BNA_G
ClientSampleId :
PB115917BS

Tot Ion:152 Resp: 19741
Ion Ratio Lower Upper
152 100
150 145.9 119.5 179.3
115 53.4 49.6 74.4



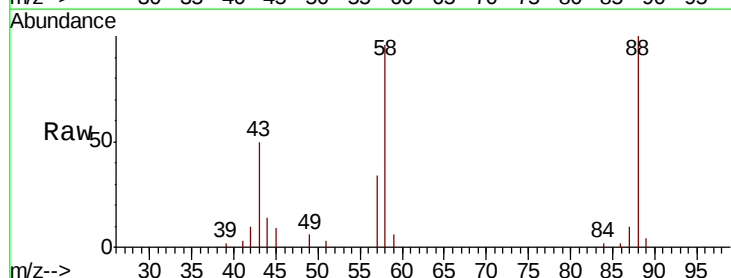
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



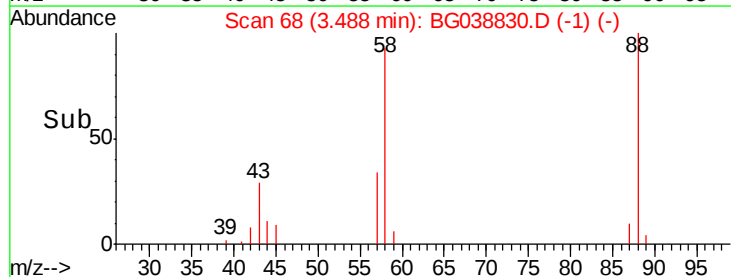
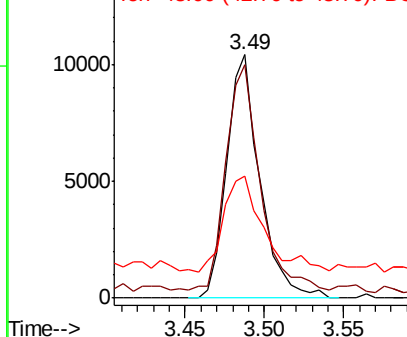
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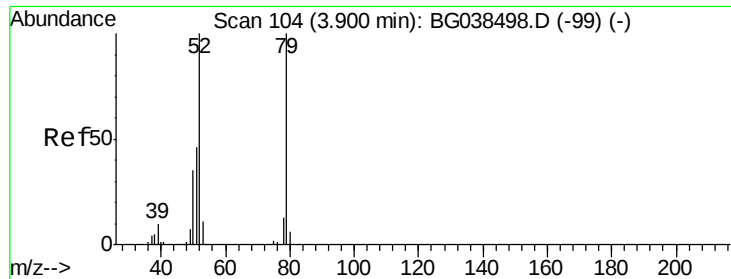
1,4-Dioxane
Concen: 29.025 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion: 88 Resp: 15035
Ion Ratio Lower Upper
88 100
58 94.1 75.7 113.5
43 47.3 31.6 47.4



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

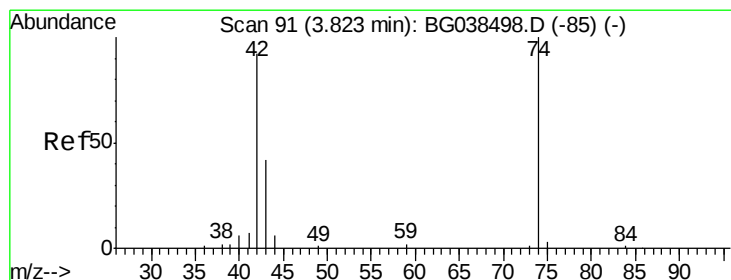
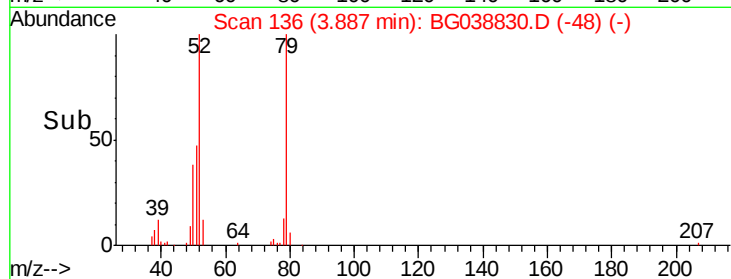
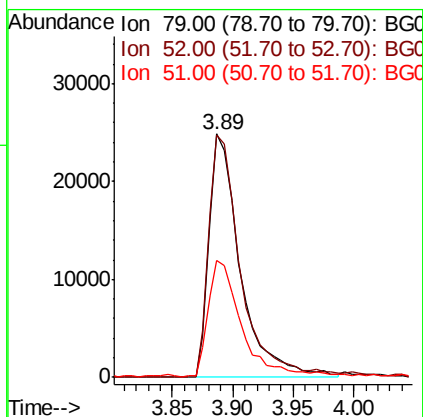
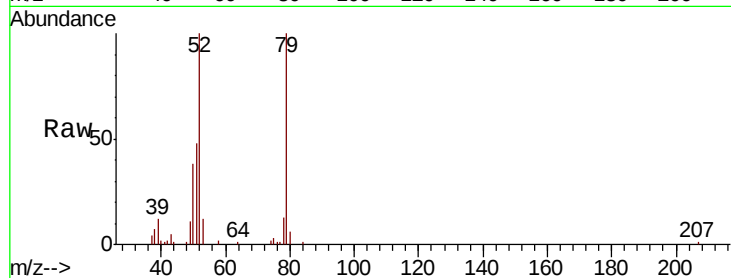




#3
 Pvridine
 Concen: 31.268 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

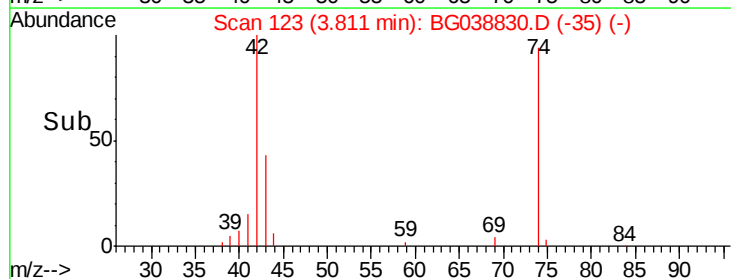
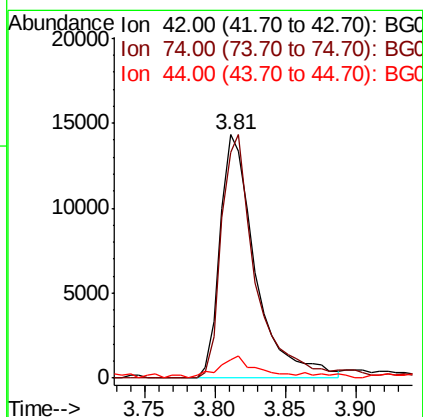
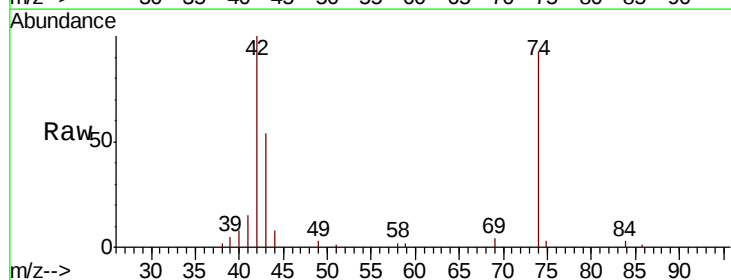
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

Tot Ion: 79 Resp: 44594
 Ion Ratio Lower Upper
 79 100
 52 99.5 80.2 120.2
 51 47.8 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 35.849 ng
 RT: 3.81 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion: 42 Resp: 25052
 Ion Ratio Lower Upper
 42 100
 74 92.7 86.7 130.1
 44 7.6 7.8 11.8#





#5

2-Fluorophenol

Concen: 121.625 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

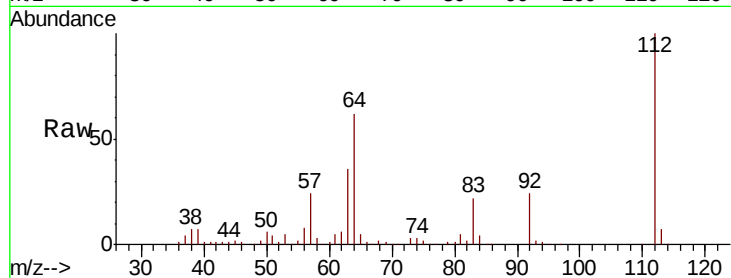
Tot Ion:112 Resp: 135370

Ion Ratio Lower Upper

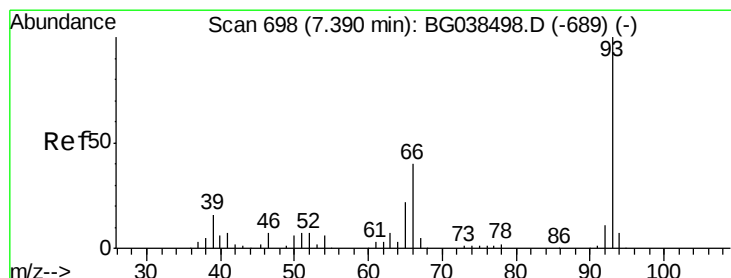
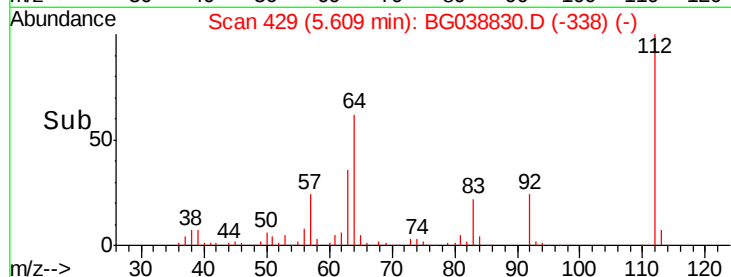
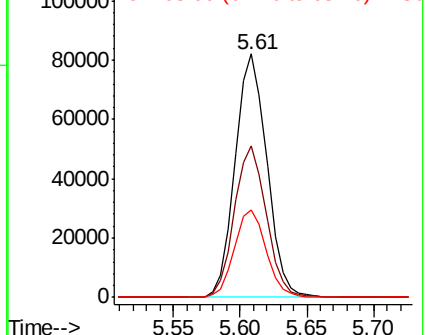
112 100

64 62.4 53.4 80.2

63 36.0 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: 33.555 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

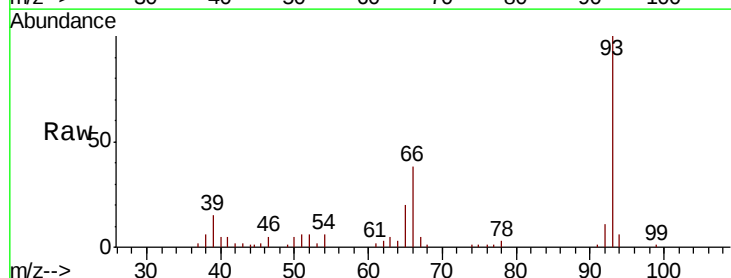
Tgt Ion: 93 Resp: 65450

Ion Ratio Lower Upper

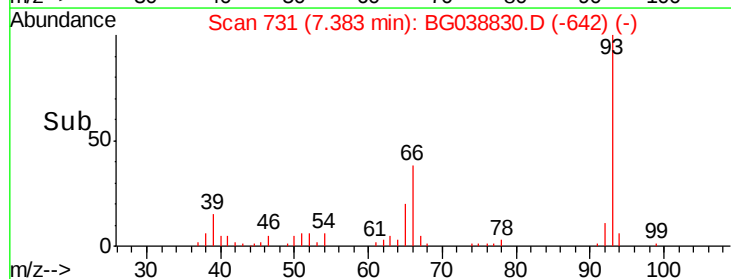
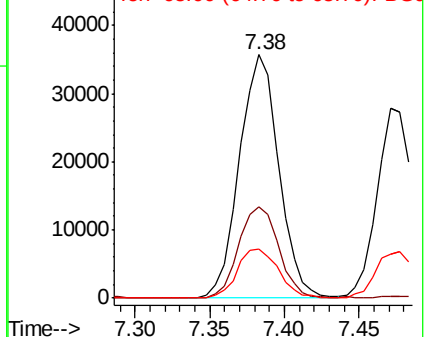
93 100

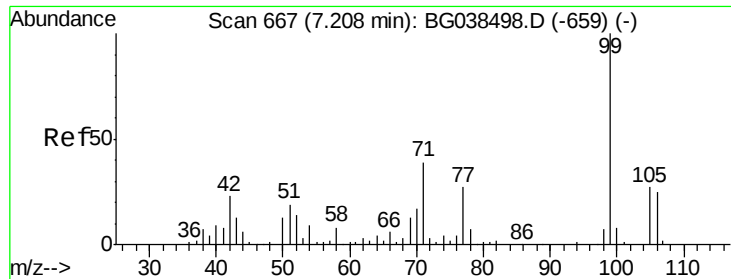
66 37.6 31.7 47.5

65 20.3 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: 124.831 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

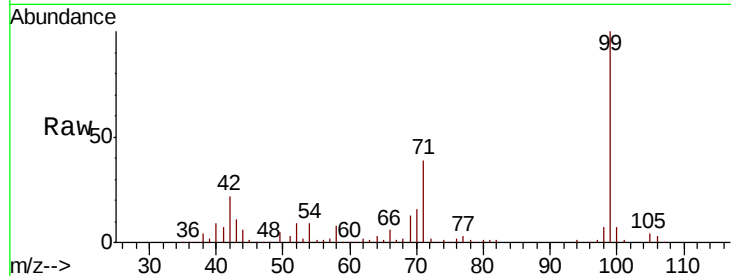
Tot Ion: 99 Resp: 190736

Ion Ratio Lower Upper

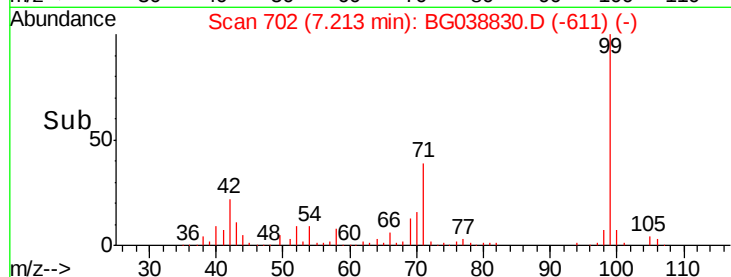
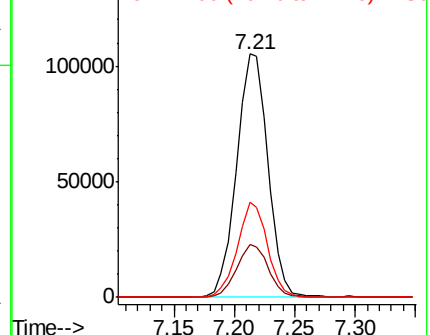
99 100

42 21.6 18.5 27.7

71 39.3 31.1 46.7



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



#8

2-Chlorophenol

Concen: 45.587 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

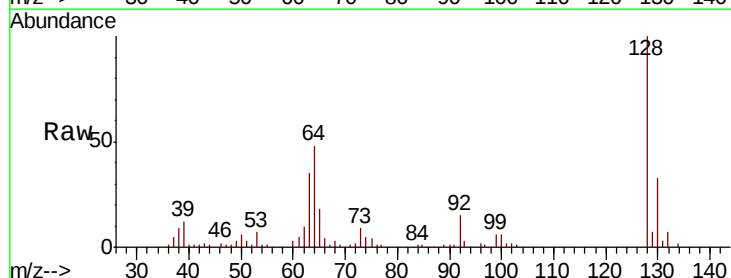
Tgt Ion:128 Resp: 58717

Ion Ratio Lower Upper

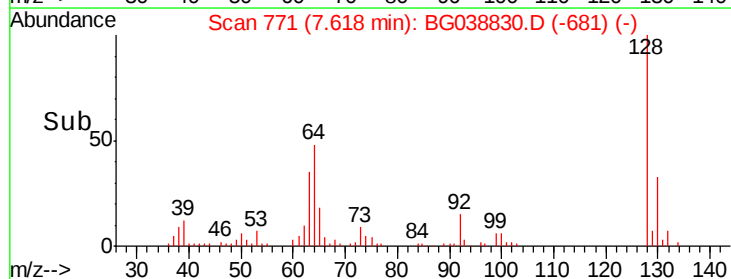
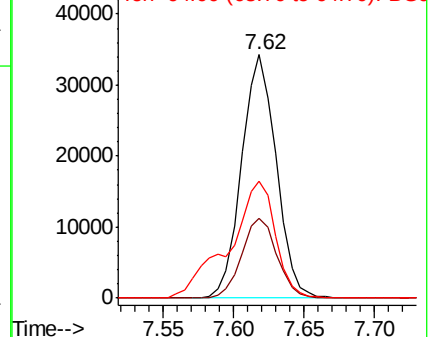
128 100

130 32.5 11.8 51.8

64 48.2 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: 14.790 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

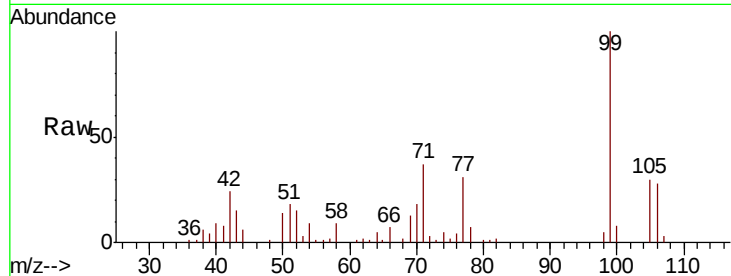
Tot Ion: 77 Resp: 14660

Ion Ratio Lower Upper

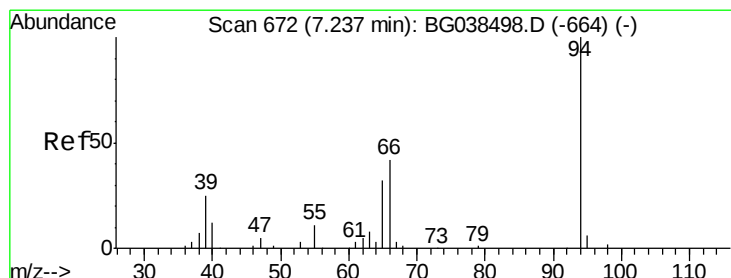
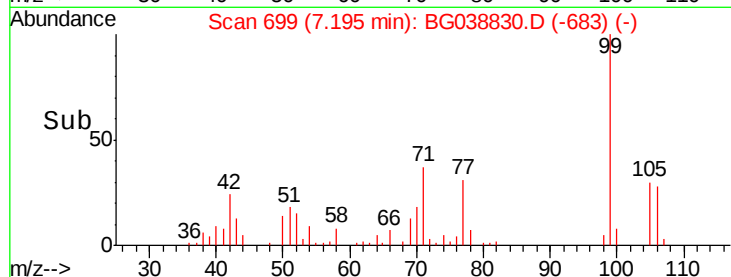
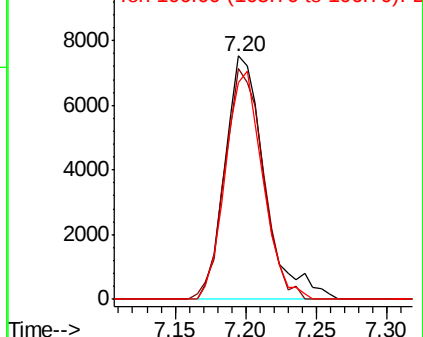
77 100

105 94.8 74.0 114.0

106 89.1 73.9 113.9



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



#10

Phenol

Concen: 45.815 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

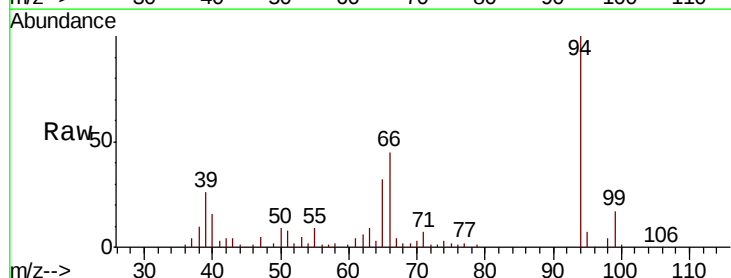
Tgt Ion: 94 Resp: 74371

Ion Ratio Lower Upper

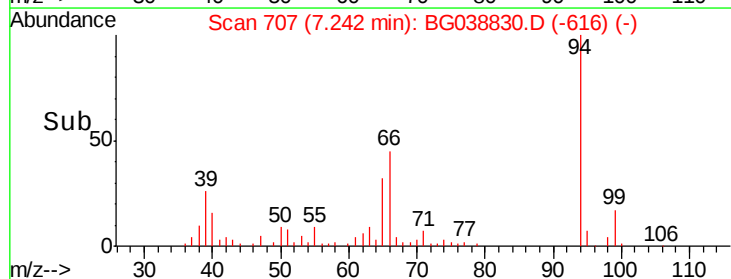
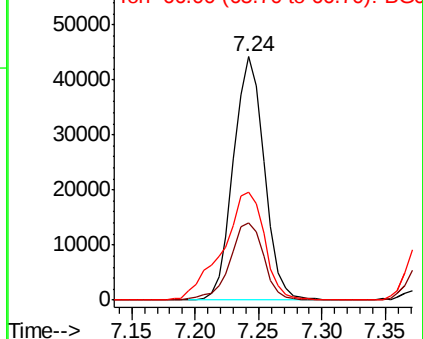
94 100

65 31.6 12.6 52.6

66 44.5 24.1 64.1



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

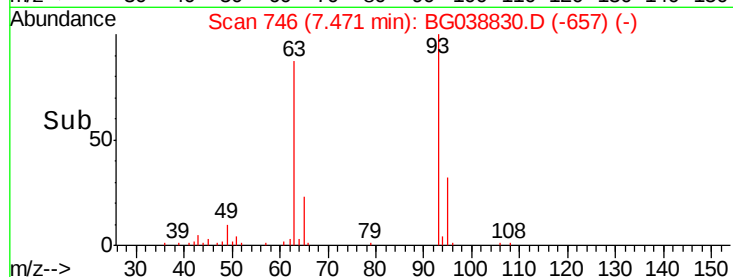
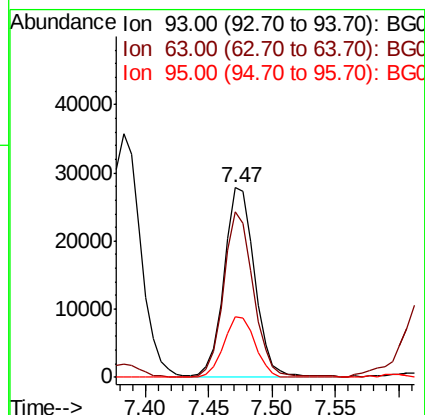
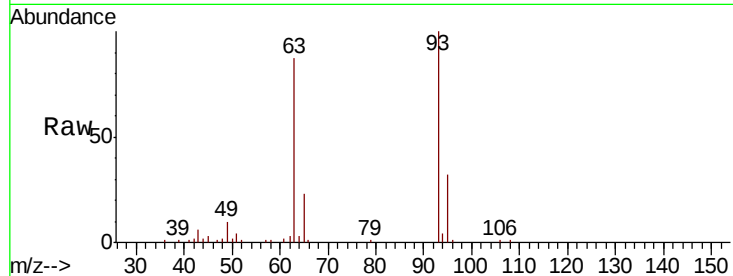




#11
bis(2-Chloroethyl)ether
Concen: 36.081 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

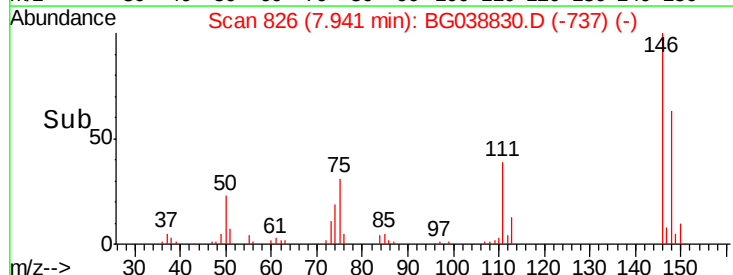
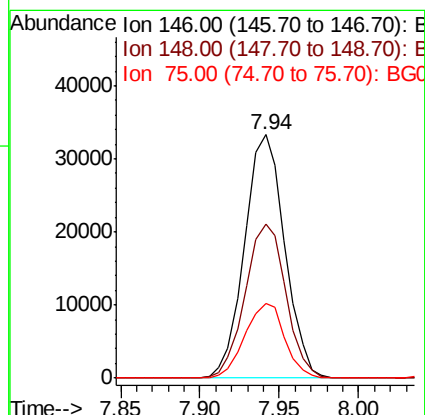
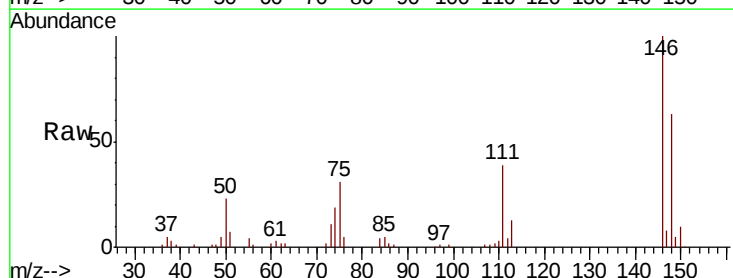
Instrument :
BNA_G
ClientSampleId :
PB115917BS

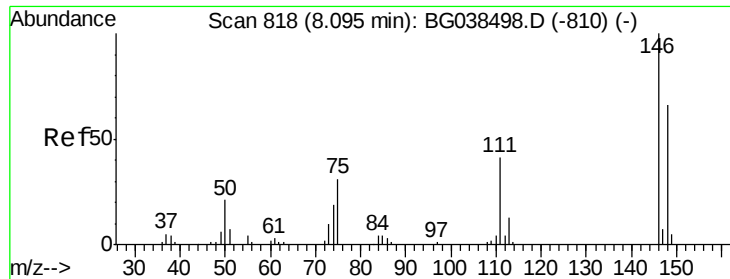
Tot Ion: 93 Resp: 46631
Ion Ratio Lower Upper
93 100
63 87.1 72.2 112.2
95 32.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.425 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion: 146 Resp: 58518
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 30.6 26.1 39.1

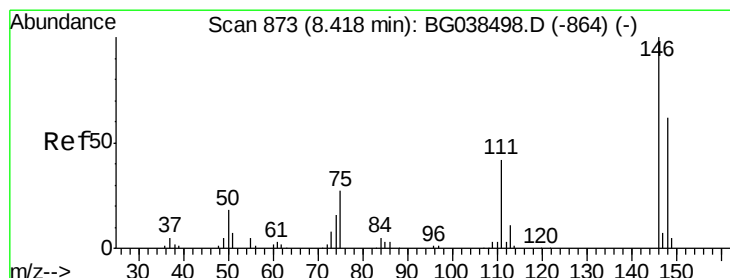
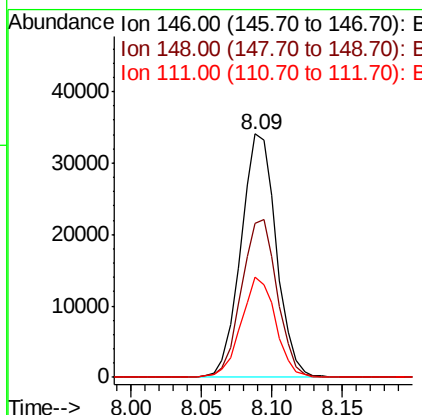
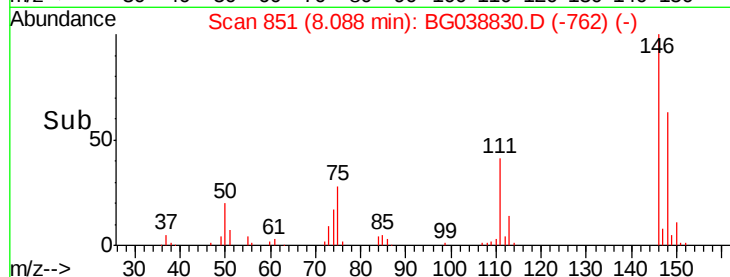
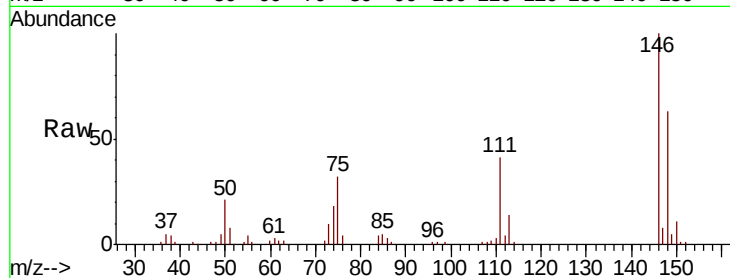




#13
 1,4-Dichlorobenzene
 Concen: 38.237 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

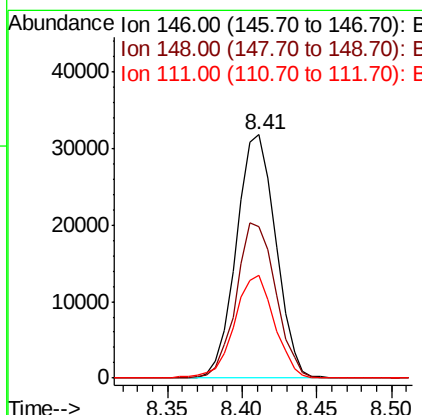
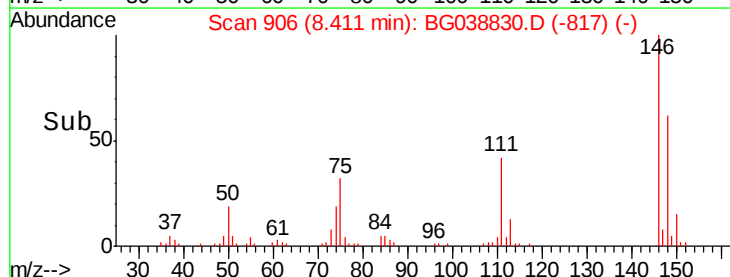
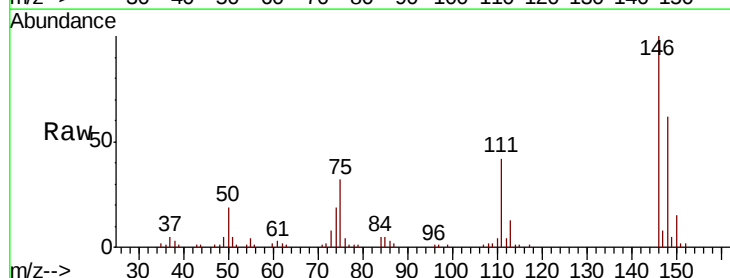
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

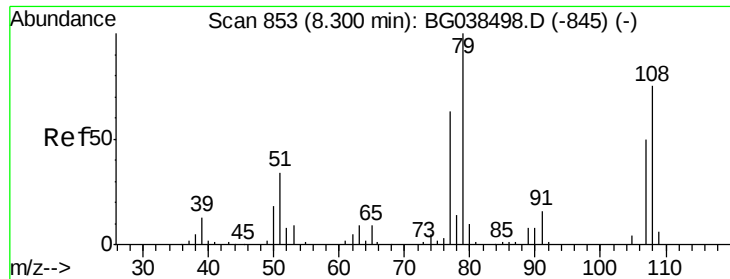
Tot Ion:146 Resp: 59639
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.4 78.6
 111 40.9 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 39.669 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion:146 Resp: 58330
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.4 74.0
 111 42.3 33.8 50.6





#15

Benzyl Alcohol

Concen: 43.525 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

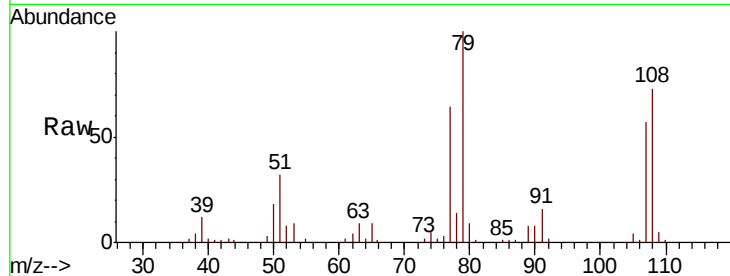
Tot Ion: 79 Resp: 51909

Ion Ratio Lower Upper

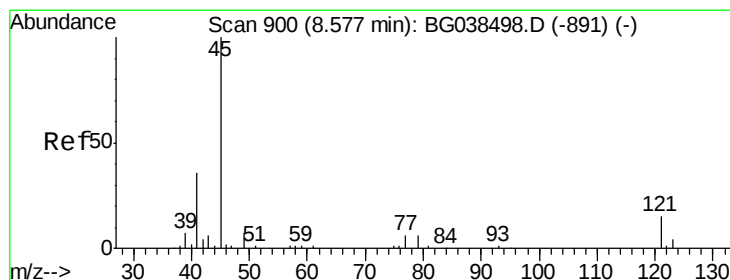
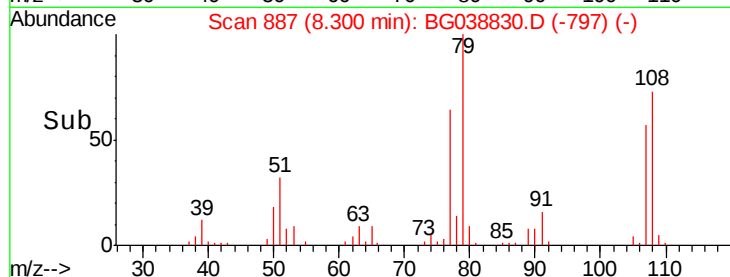
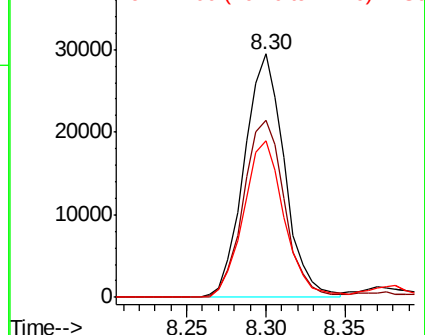
79 100

108 73.0 60.2 90.4

77 64.3 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.489 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

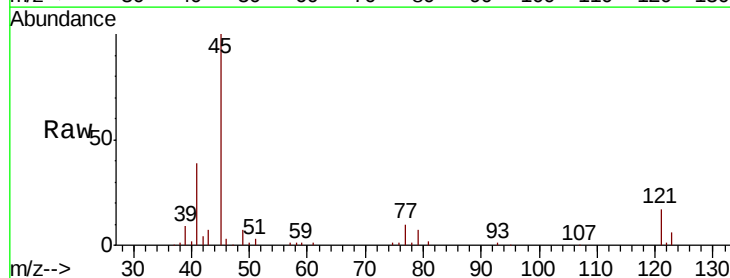
Tgt Ion: 45 Resp: 96186

Ion Ratio Lower Upper

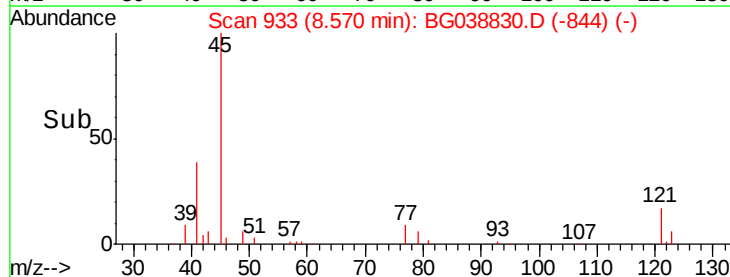
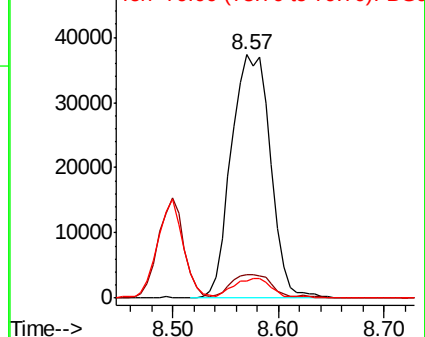
45 100

77 9.8 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

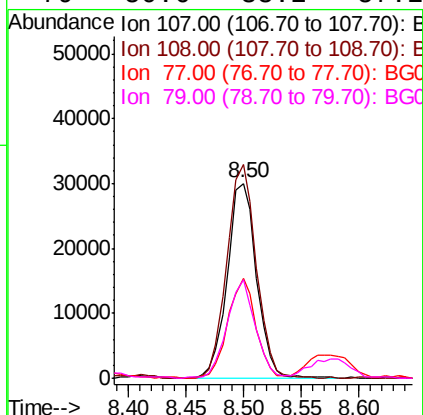
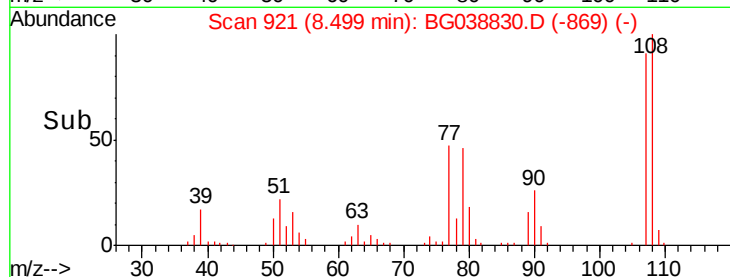
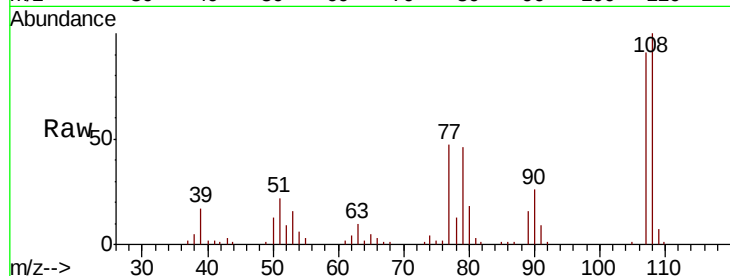




#17
2-Methylphenol
Concen: 48.575 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

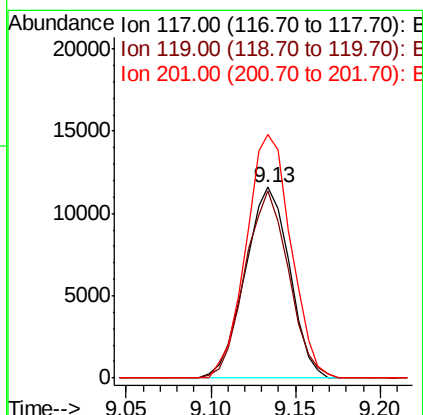
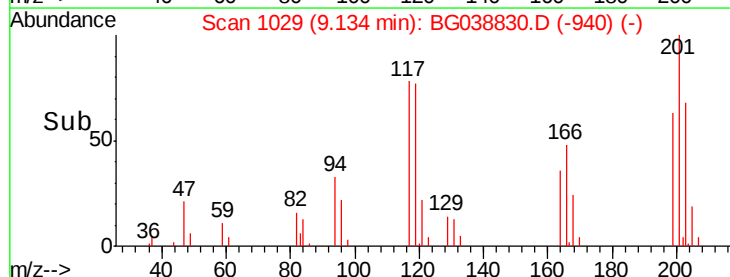
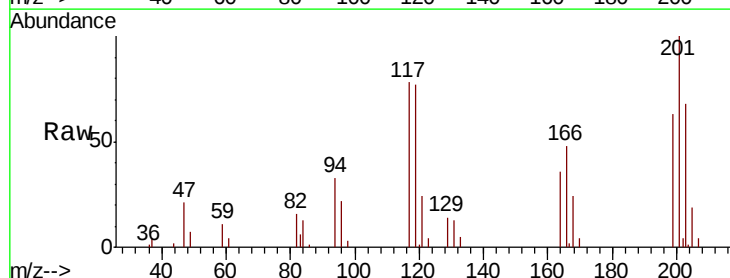
Instrument :
BNA_G
ClientSampleId :
PB115917BS

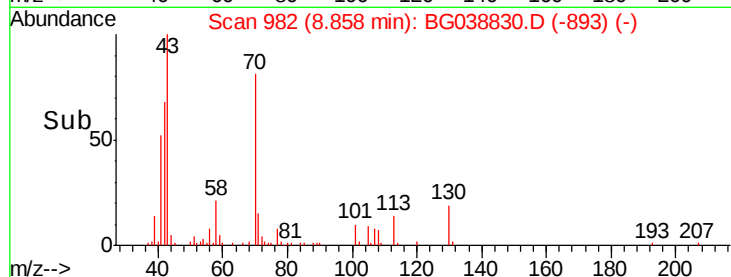
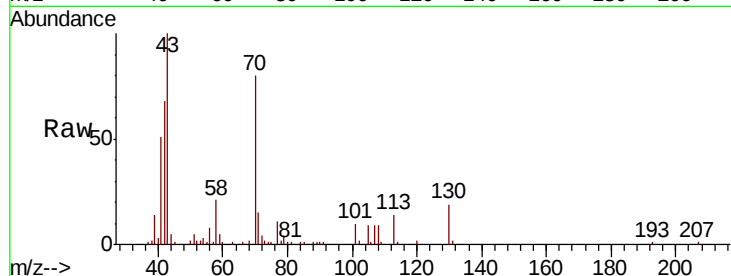
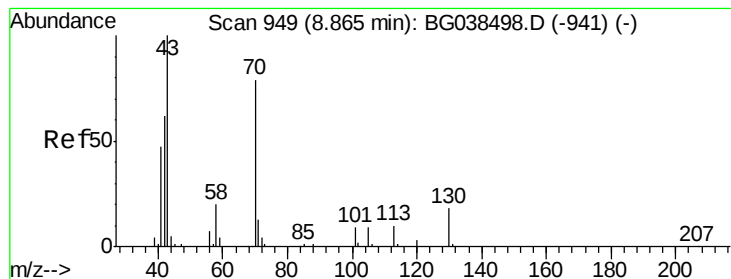
Tot Ion:	107	Resp:	52830
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.1	130.7
77	51.3	42.0	63.0
79	50.6	38.2	57.2



#18
Hexachloroethane
Concen: 37.116 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:	117	Resp:	21154
Ion	Ratio	Lower	Upper
117	100		
119	98.3	73.8	110.8
201	127.7	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.259 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

Tot Ion: 70 Resp: 41058

Ion Ratio Lower Upper

70 100

42 83.9 63.6 95.4

101 12.1 9.2 13.8

130 23.1 18.5 27.7

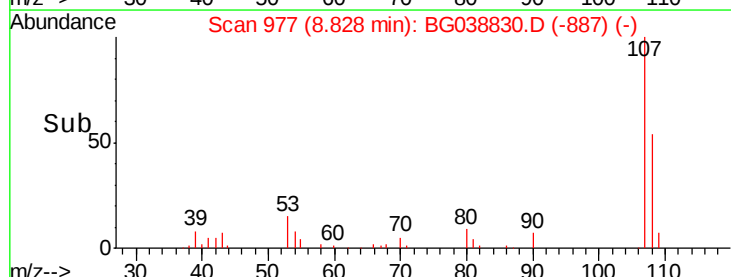
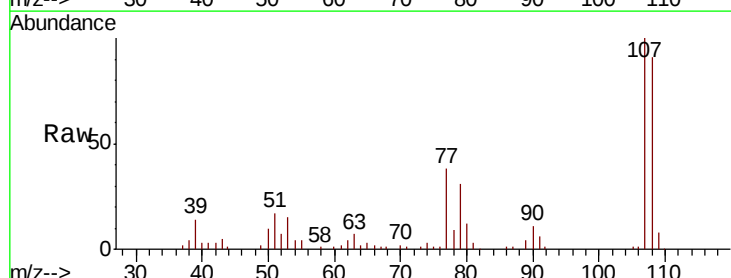
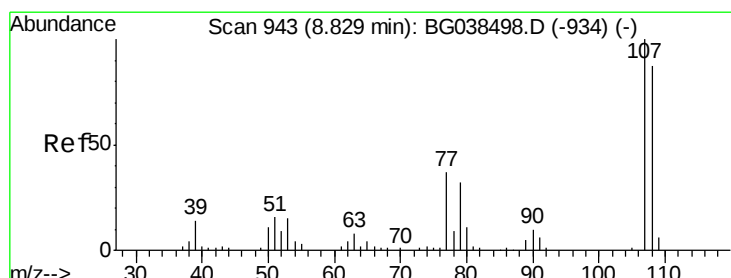
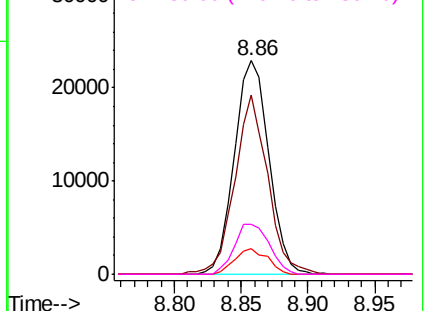
Abundance

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: 48.011 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Tgt Ion: 107 Resp: 72113

Ion Ratio Lower Upper

107 100

108 90.7 66.7 106.7

77 37.9 17.3 57.3

79 30.9 12.3 52.3

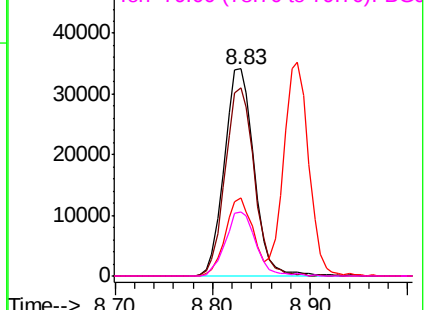
Abundance

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

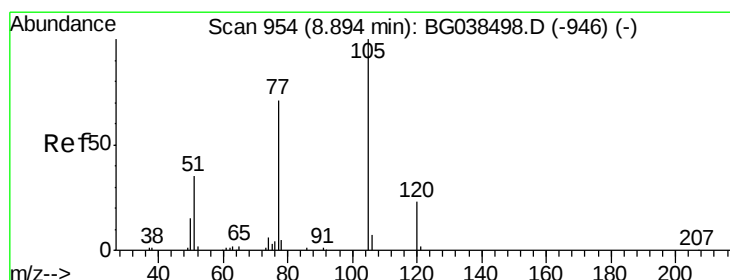
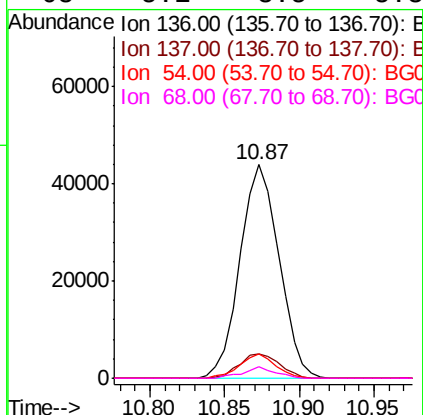
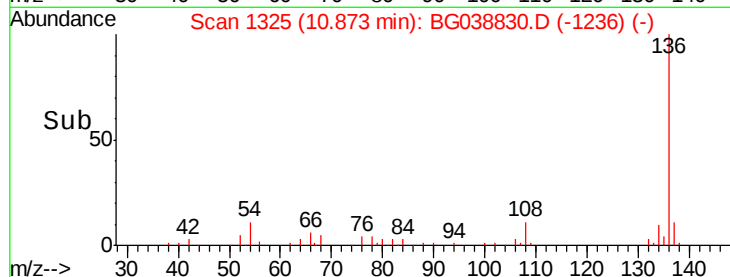
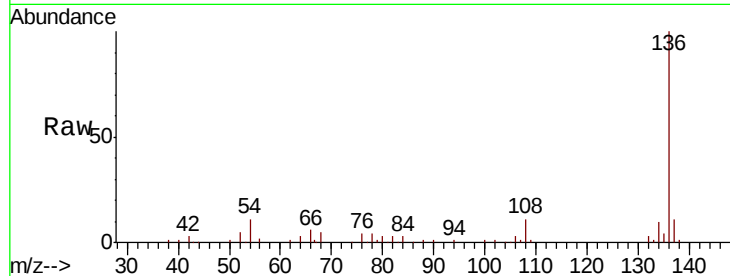




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

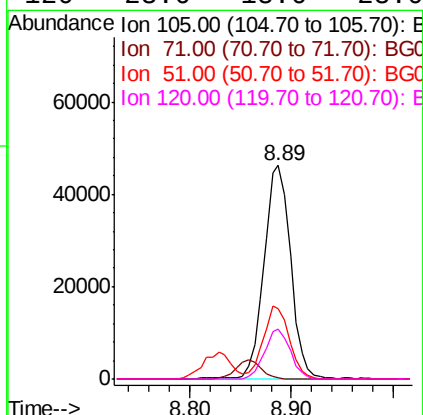
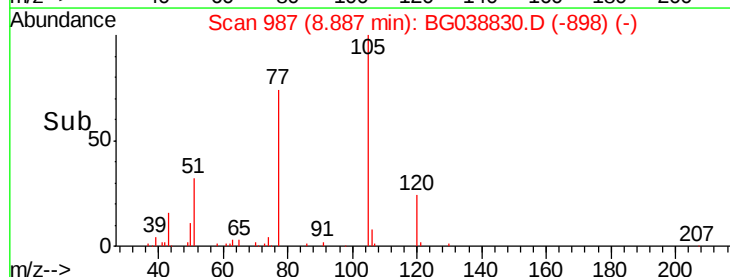
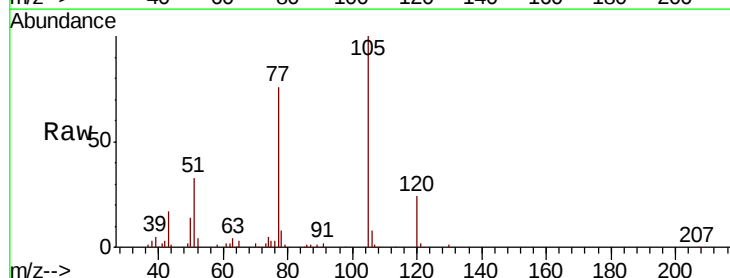
Instrument :
BNA_G
ClientSampleId :
PB115917BS

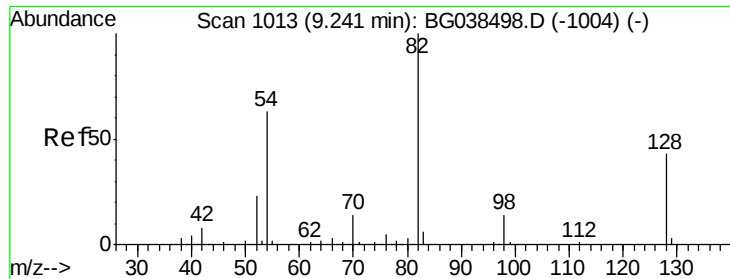
Tot Ion:136	Resp:	79655
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.3 13.9
54	11.4	8.5 12.7
68	5.1	3.5 5.3



#22
Acetophenone
Concen: 42.297 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:105	Resp:	84155
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.4 0.6#
51	32.8	30.6 46.0
120	23.6	18.6 28.0

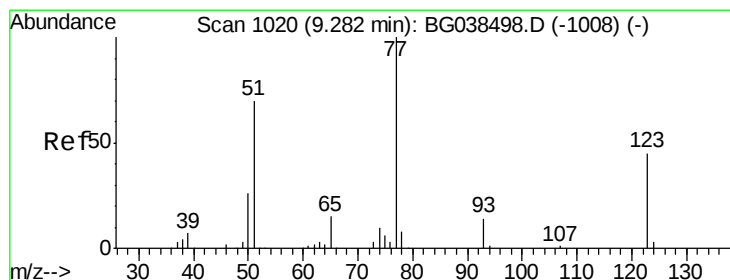
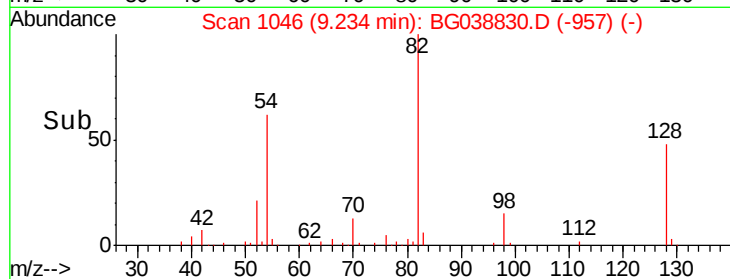
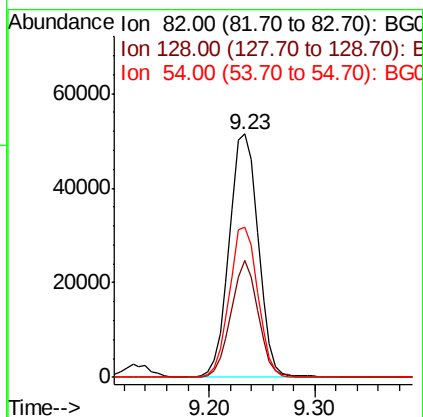
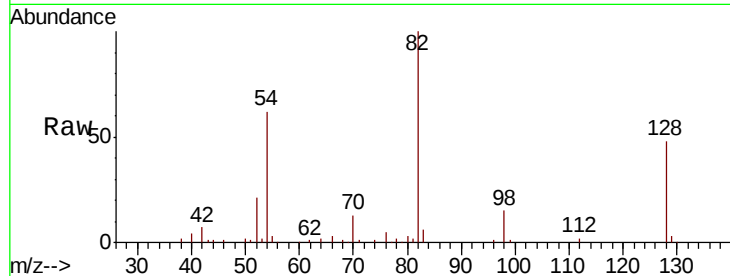




#23
 Nitrobenzene-d5
 Concen: 62.453 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

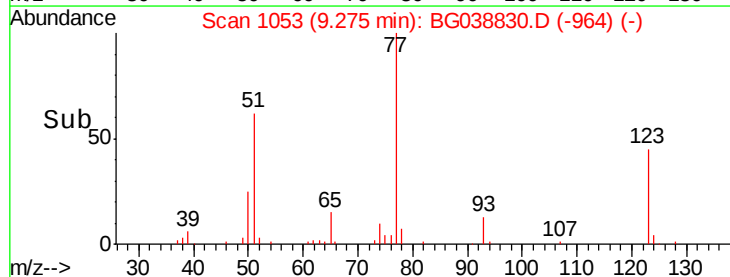
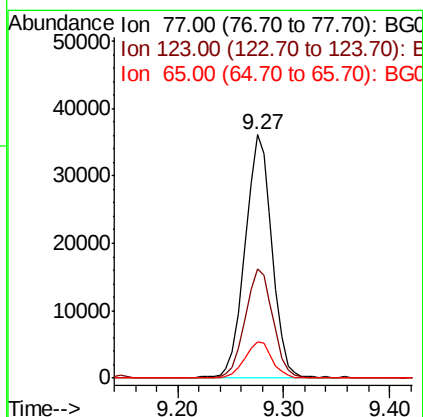
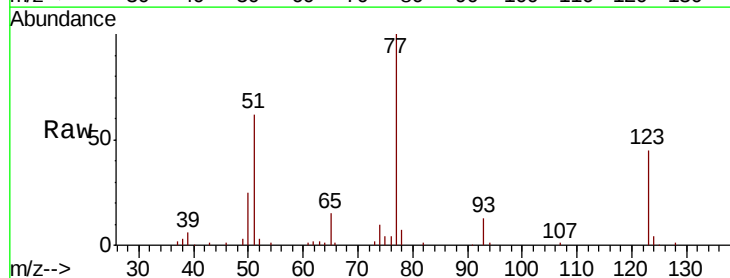
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

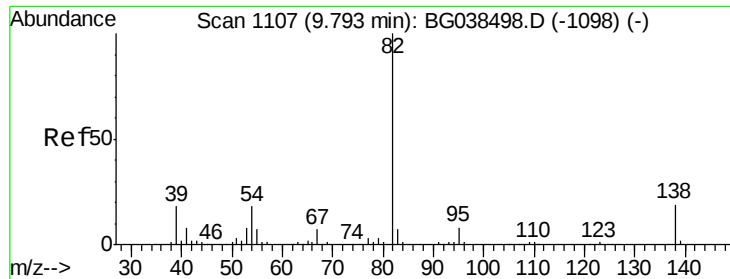
Tot Ion: 82 Resp: 97377
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.6 52.0
 54 61.8 50.6 76.0



#24
 Nitrobenzene
 Concen: 40.515 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion: 77 Resp: 63905
 Ion Ratio Lower Upper
 77 100
 123 44.9 35.9 53.9
 65 14.7 12.0 18.0





#25

Isophorone

Concen: 43.458 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

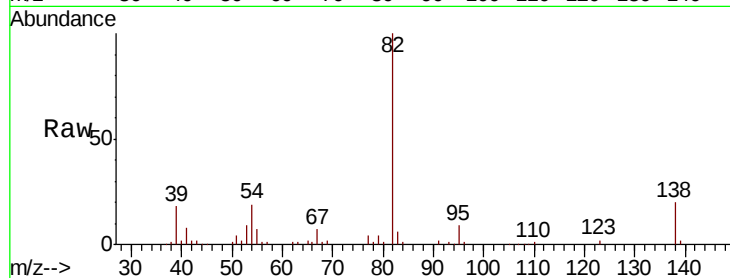
Tot Ion: 82 Resp: 121743

Ion Ratio Lower Upper

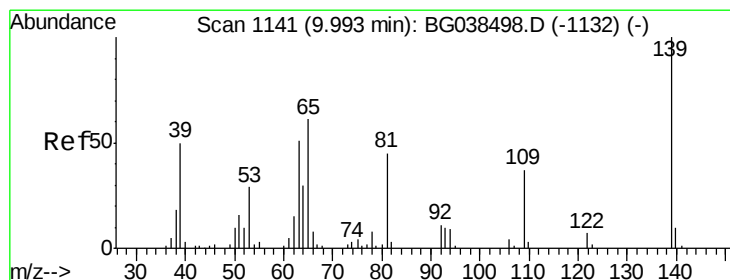
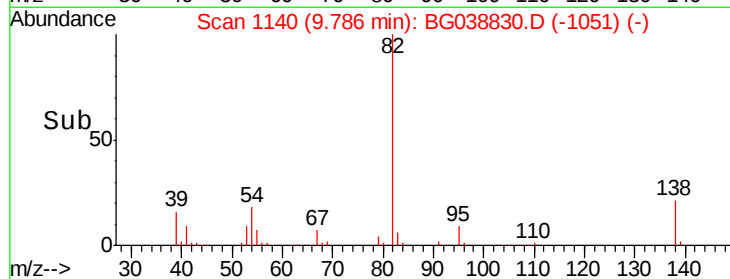
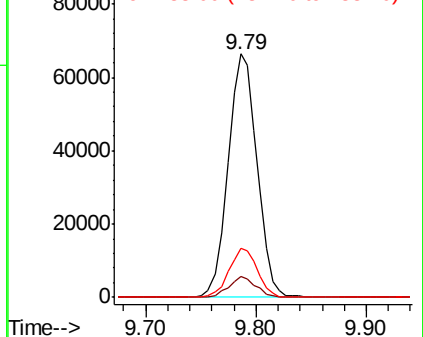
82 100

95 8.8 6.1 9.1

138 20.4 14.9 22.3



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



#26

2-Nitrophenol

Concen: 41.077 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

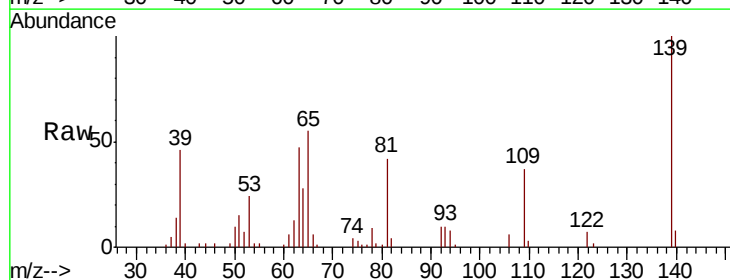
Tgt Ion: 139 Resp: 33162

Ion Ratio Lower Upper

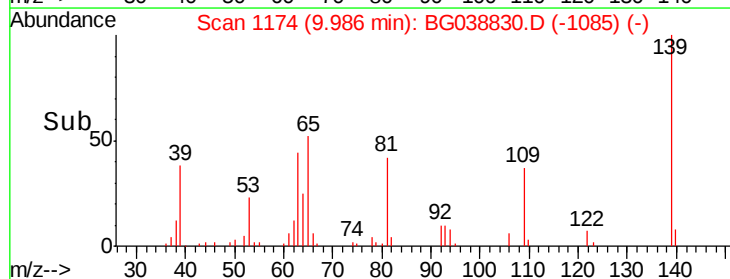
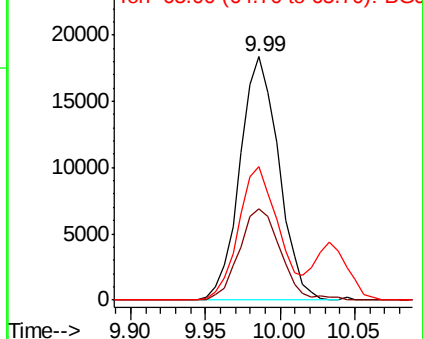
139 100

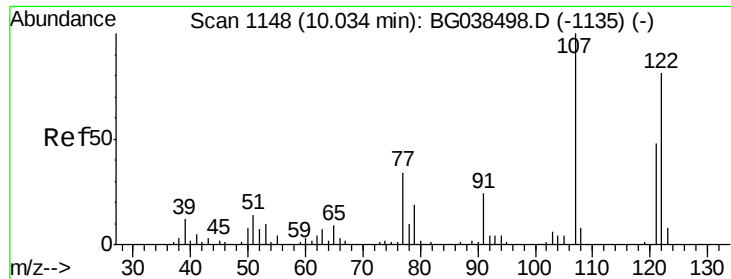
109 37.3 29.5 44.3

65 54.7 48.5 72.7



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

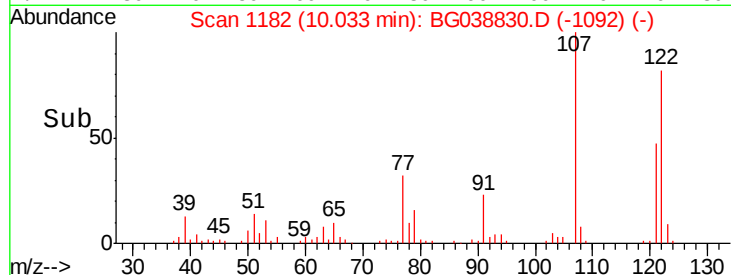
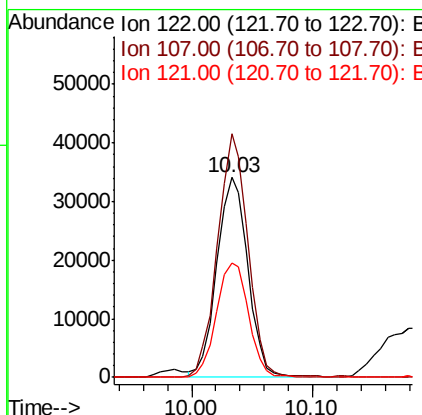
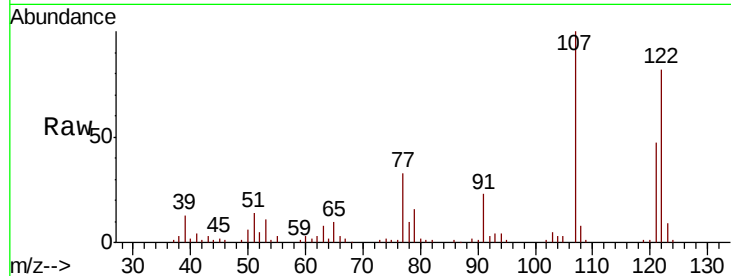




#27
 2,4-Dimethylphenol
 Concen: 52.368 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

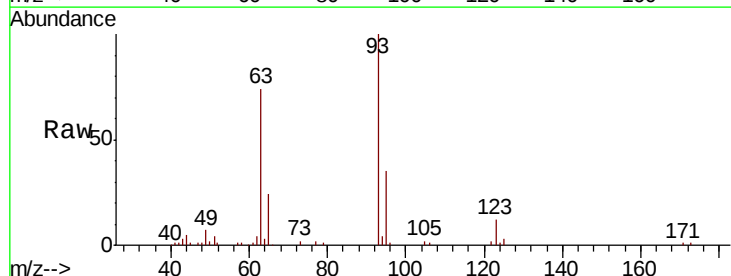
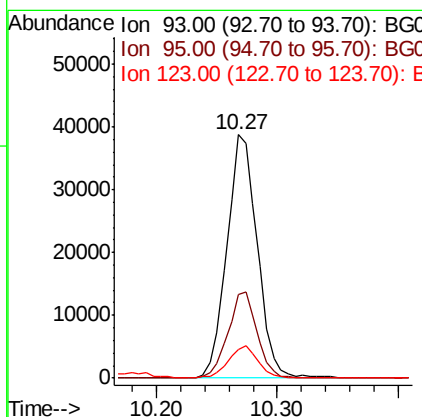
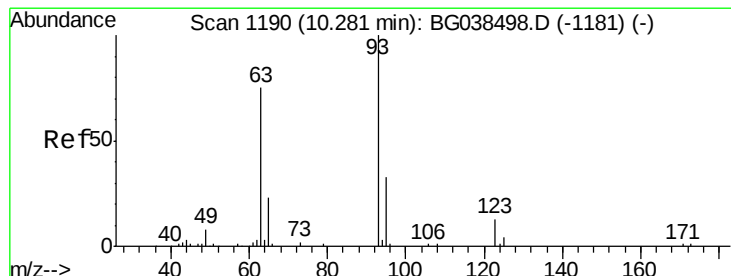
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

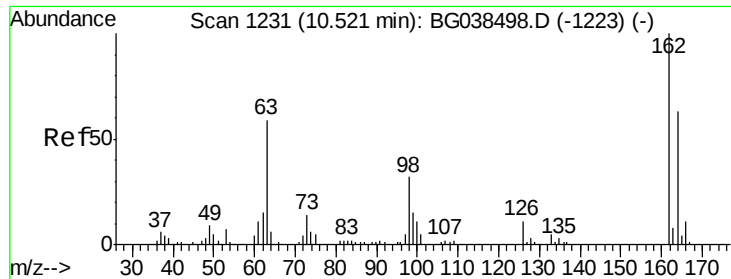
Tot Ion:122 Resp: 60590
 Ion Ratio Lower Upper
 122 100
 107 121.9 98.4 147.6
 121 57.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.813 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion: 93 Resp: 67685
 Ion Ratio Lower Upper
 93 100
 95 34.5 26.6 40.0
 123 11.6 10.6 16.0





#29

2,4-Dichlorophenol

Concen: 54.360 ng

RT: 10.52 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

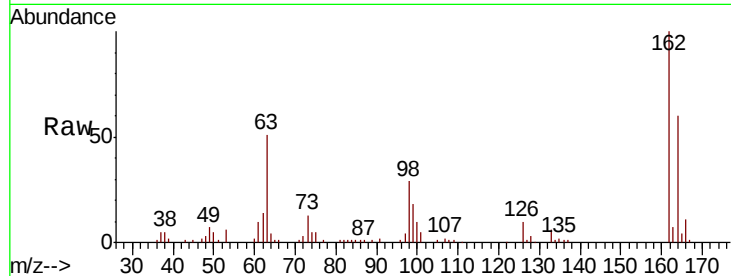
Tot Ion:162 Resp: 69970

Ion Ratio Lower Upper

162 100

164 60.4 42.9 82.9

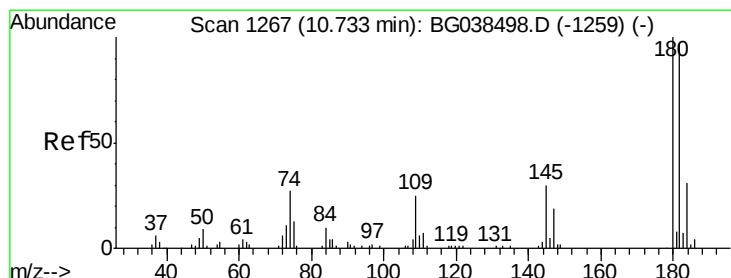
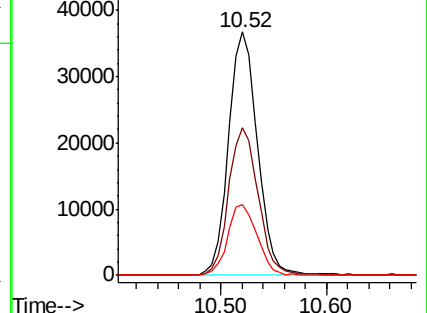
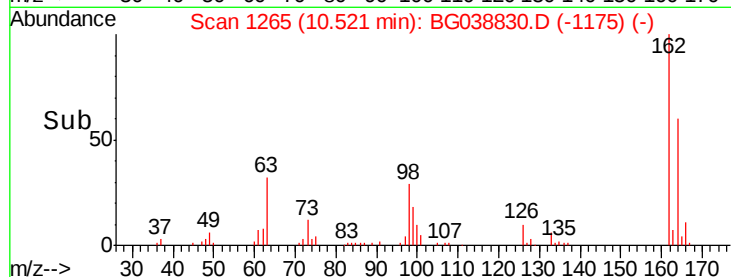
98 29.2 12.1 52.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.775 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

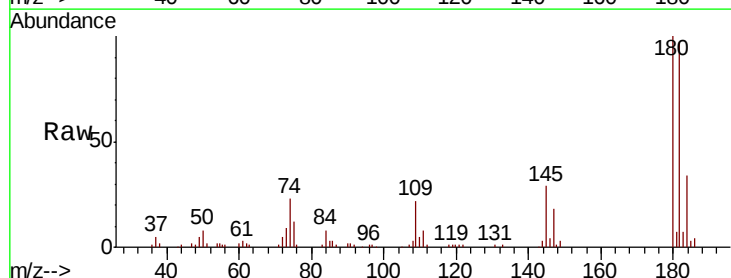
Tgt Ion:180 Resp: 66505

Ion Ratio Lower Upper

180 100

182 97.1 77.4 116.0

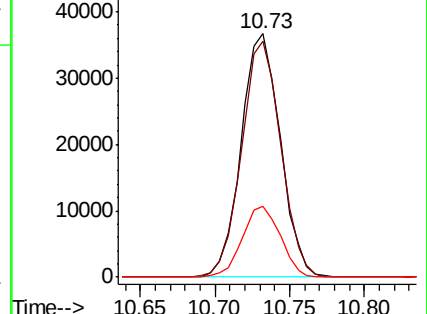
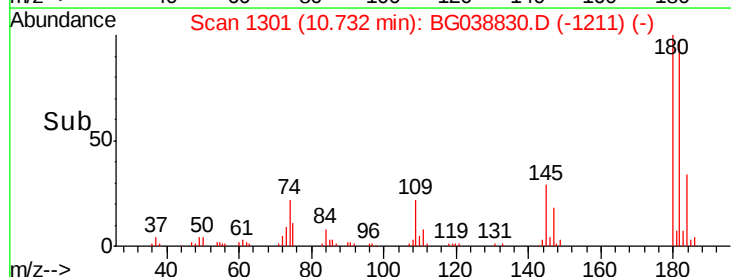
145 29.1 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

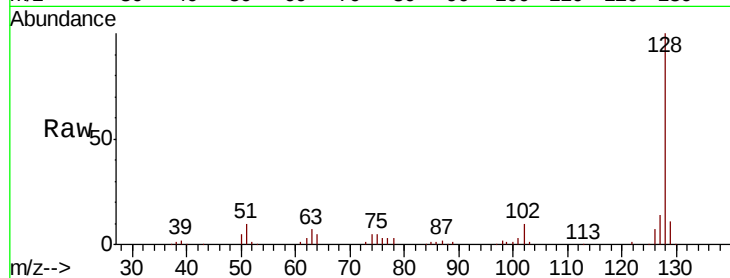




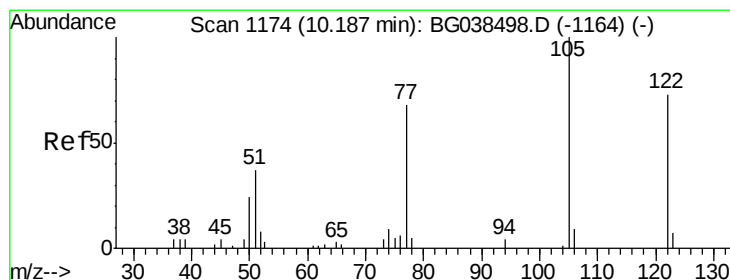
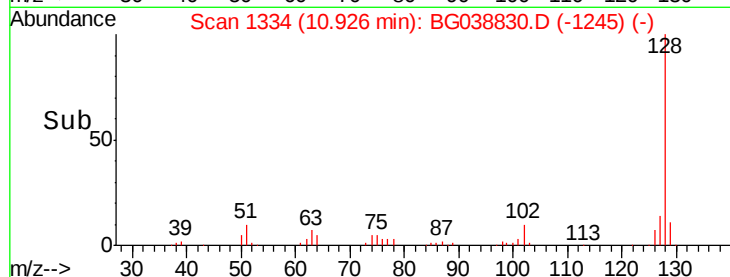
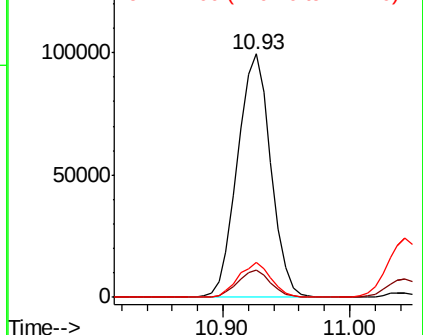
#31
Naphthalene
Concen: 46.169 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Instrument :
BNA_G
ClientSampleId :
PB115917BS

Tot Ion:128 Resp: 181198
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 14.4 10.9 16.3

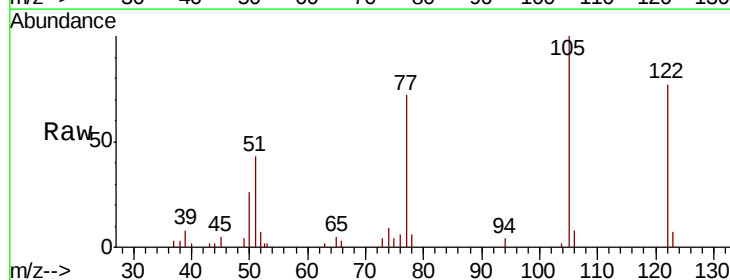


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

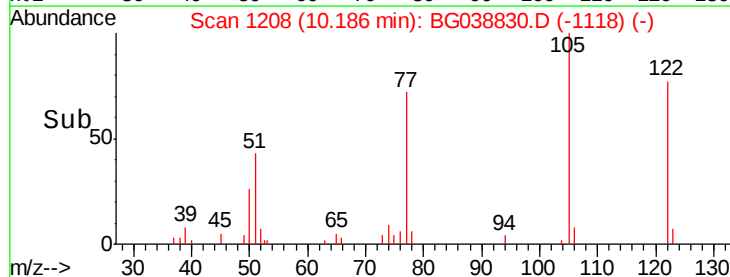
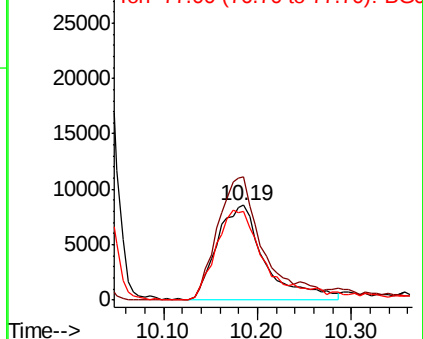


#32
Benzoic acid
Concen: 42.892 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:122 Resp: 30513
Ion Ratio Lower Upper
122 100
105 129.6 116.7 156.7
77 93.5 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

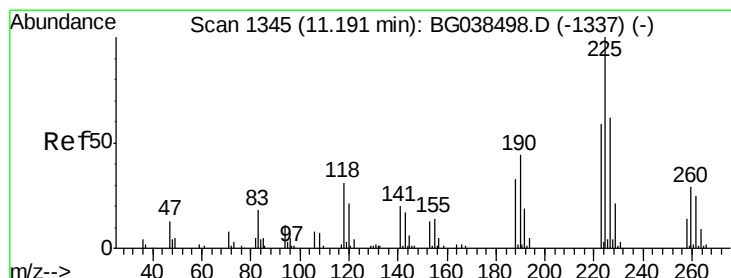
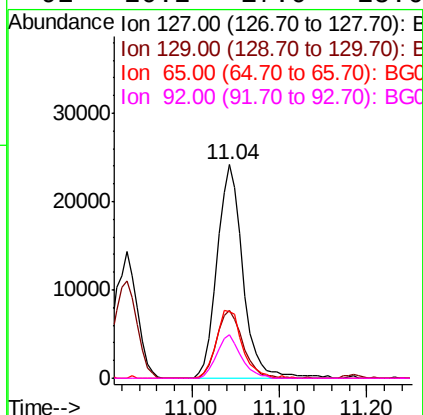
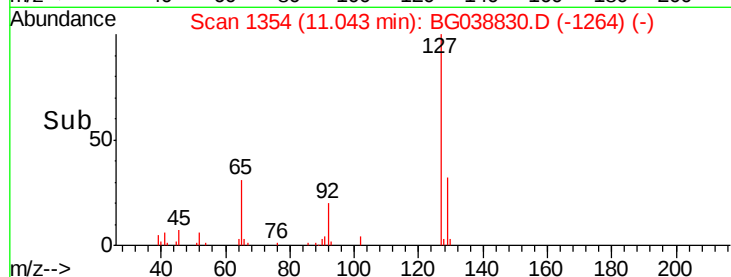
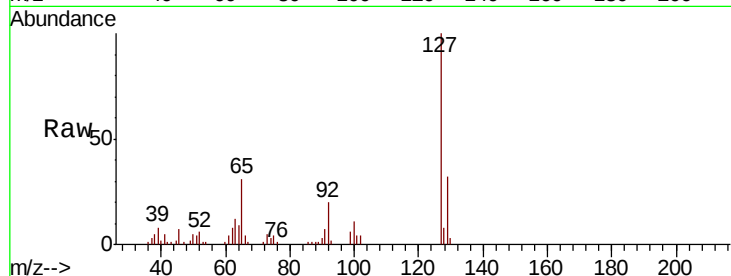




#33
4-Chloroaniline
Concen: 28.990 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

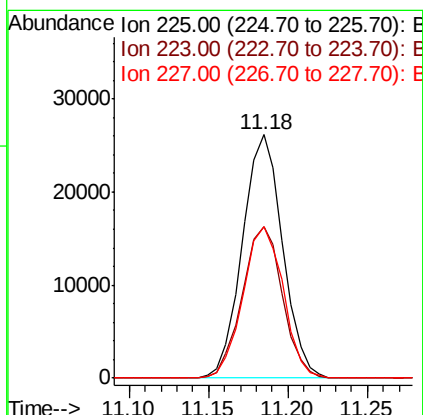
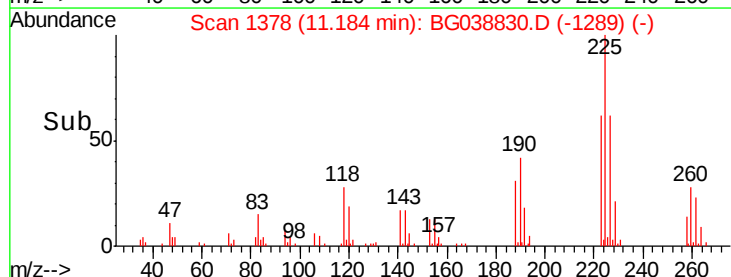
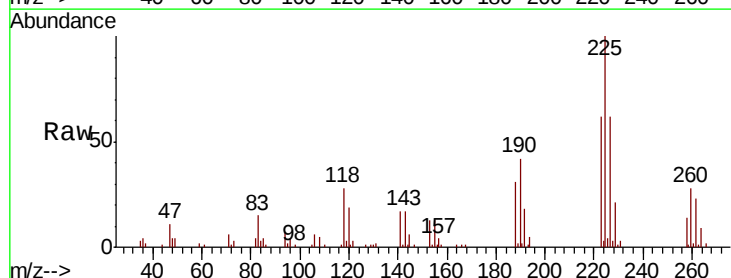
Instrument :
BNA_G
ClientSampleId :
PB115917BS

Tot Ion:	127	Resp:	49396
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	31.3	27.8	41.6
92	20.2	17.0	25.6



#34
Hexachlorobutadiene
Concen: 43.716 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:	225	Resp:	45990
Ion	Ratio	Lower	Upper
225	100		
223	63.0	45.0	67.6
227	62.6	50.6	75.8

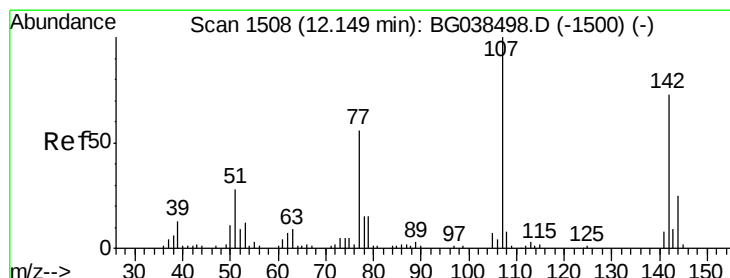
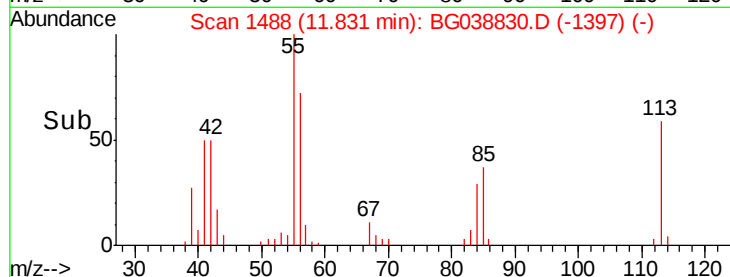
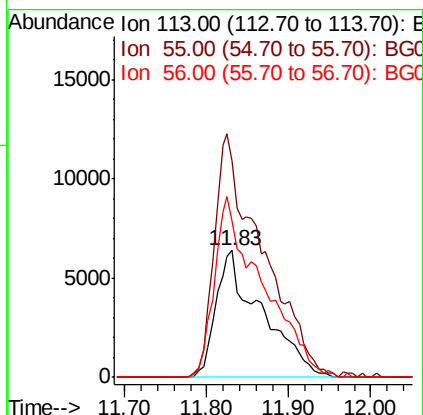
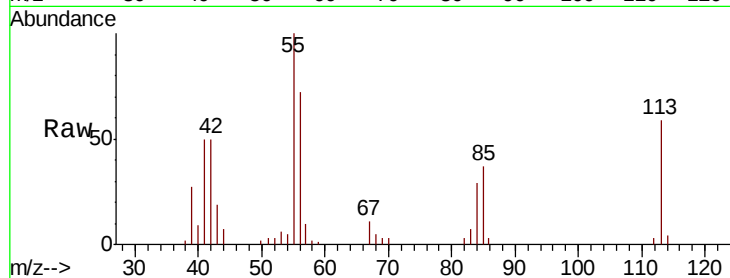




#35
 Caprolactam
 Concen: 46.336 ng
 RT: 11.83 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

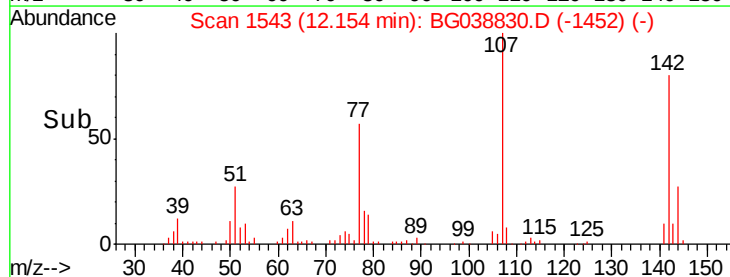
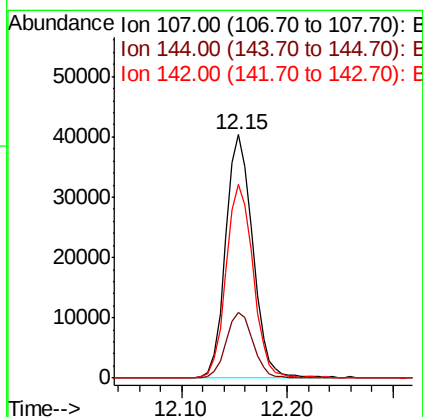
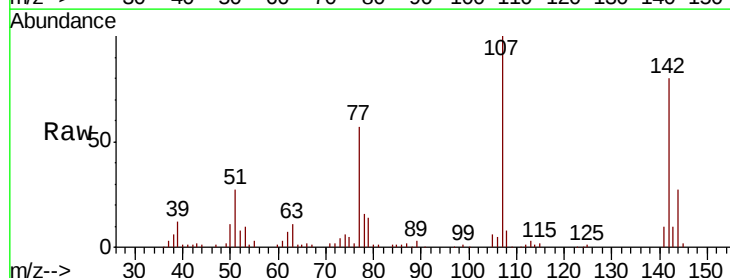
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

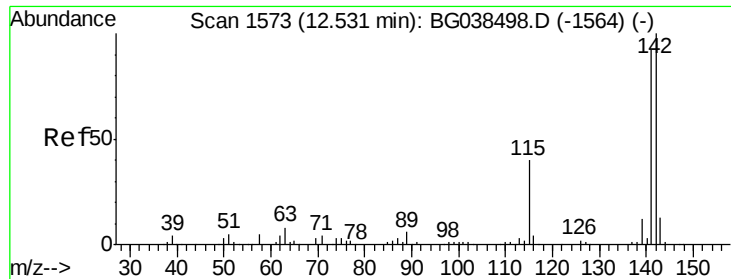
Tot Ion:113 Resp: 24682
 Ion Ratio Lower Upper
 113 100
 55 170.9 204.3 244.3#
 56 123.3 135.0 175.0#



#36
 4-Chloro-3-methylphenol
 Concen: 48.801 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion:107 Resp: 71681
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.1 30.1
 142 79.7 58.7 88.1

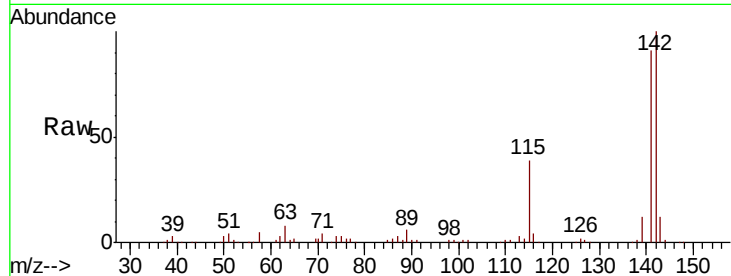




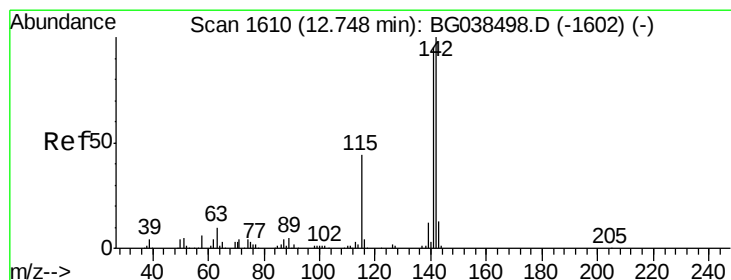
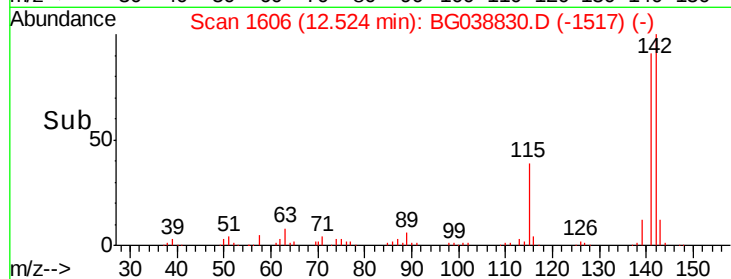
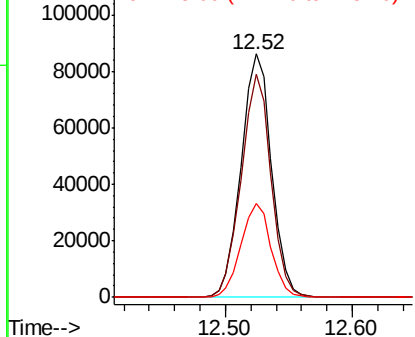
#37
2-Methylnaphthalene
Concen: 51.217 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Instrument :
BNA_G
ClientSampleId :
PB115917BS

Tot Ion:142 Resp: 143402
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3
115 38.8 31.7 47.5

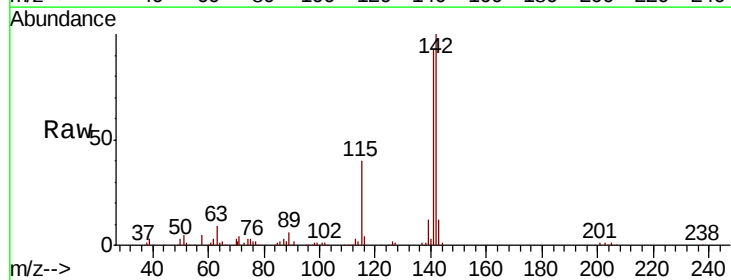


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

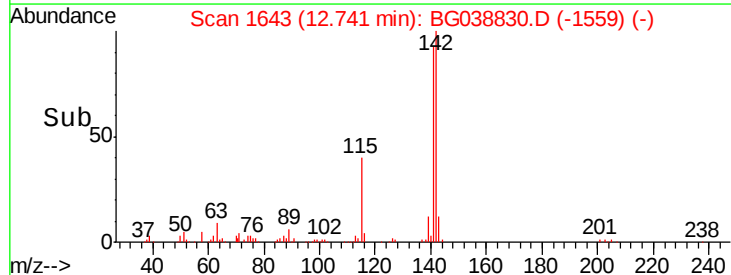
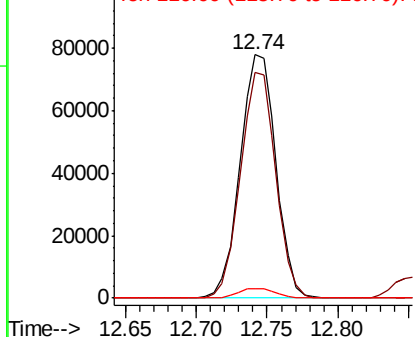


#38
1-Methylnaphthalene
Concen: 50.694 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:142 Resp: 137735
Ion Ratio Lower Upper
142 100
141 92.7 75.8 113.8
116 3.8 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

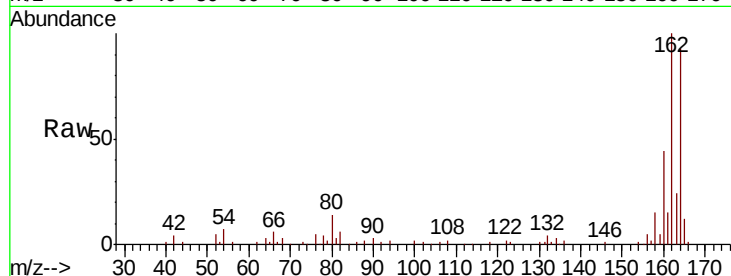
Tot Ion:164 Resp: 59186

Ion Ratio Lower Upper

164 100

162 108.0 86.6 130.0

160 47.7 34.2 51.2

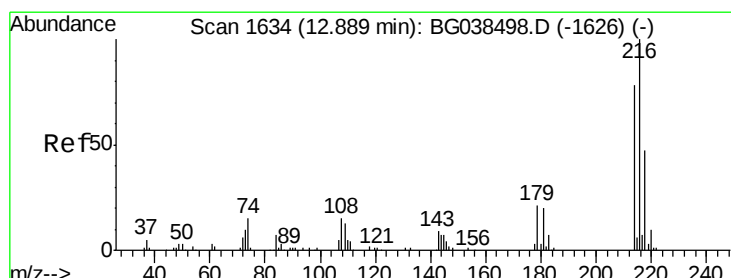
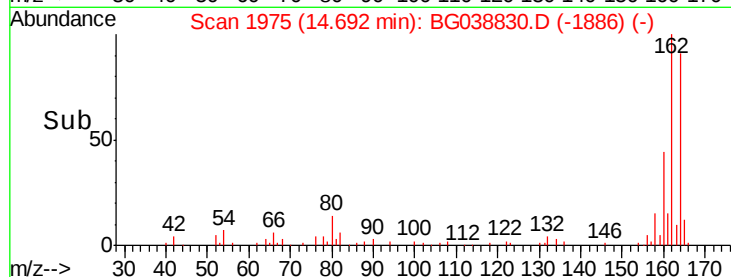
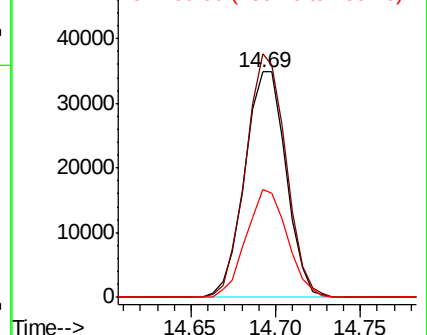


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.911 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Tgt Ion:216 Resp: 88298

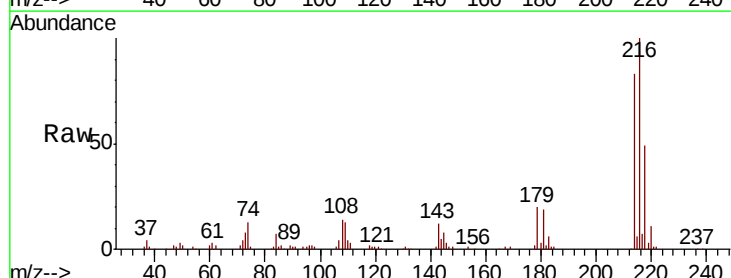
Ion Ratio Lower Upper

216 100

214 80.8 64.1 96.1

179 19.7 16.4 24.6

108 17.0 13.9 20.9



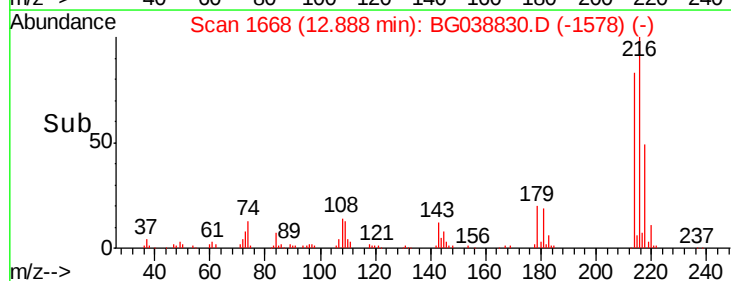
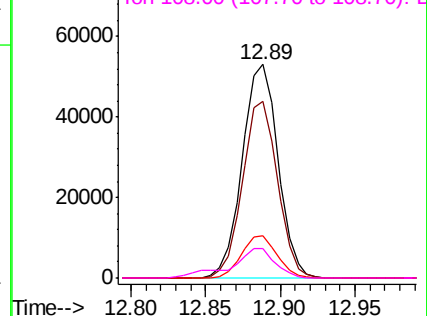
Abundance

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: 92.793 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

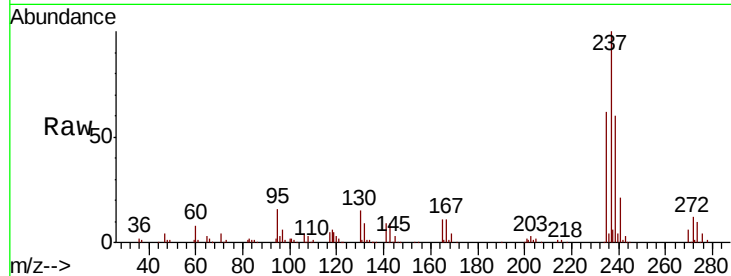
Tot Ion:237 Resp: 112786

Ion Ratio Lower Upper

237 100

235 61.6 38.8 78.8

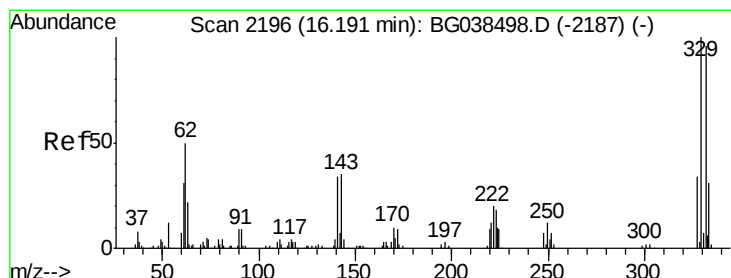
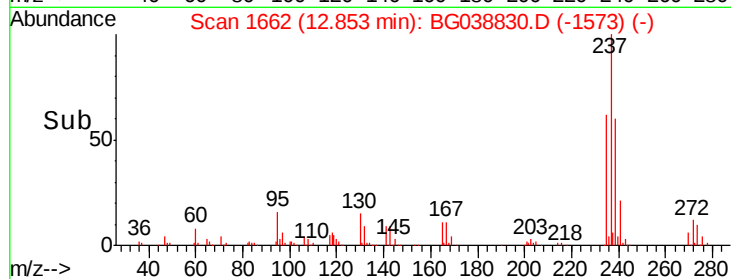
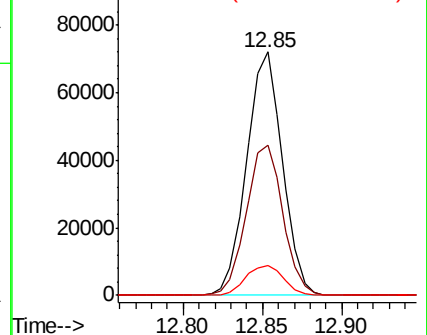
272 12.3 0.0 32.0



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: 144.084 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

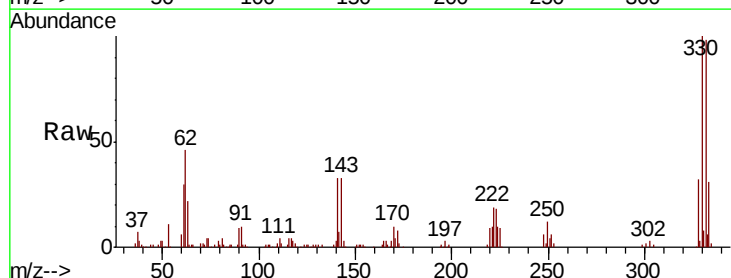
Tgt Ion:330 Resp: 117528

Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

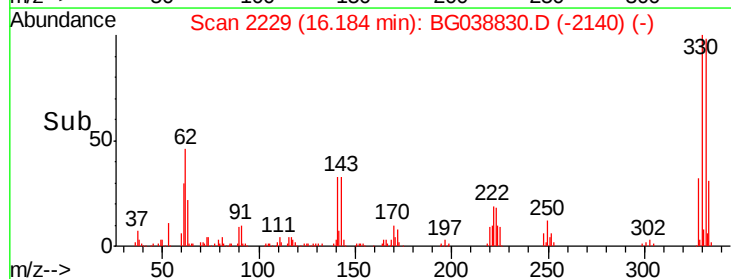
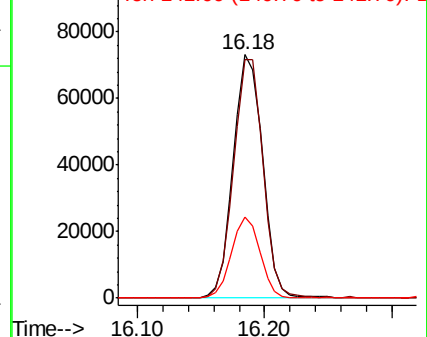
141 32.2 28.8 43.2

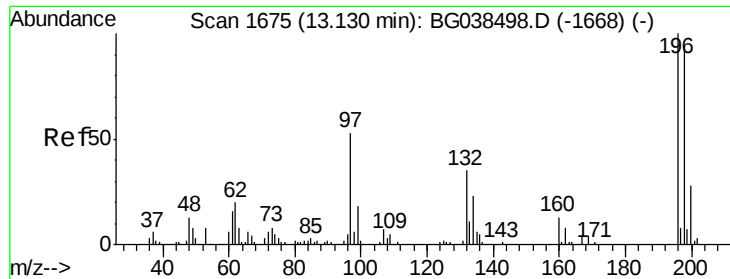


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

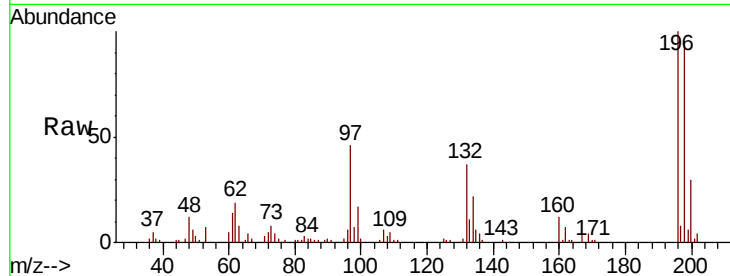




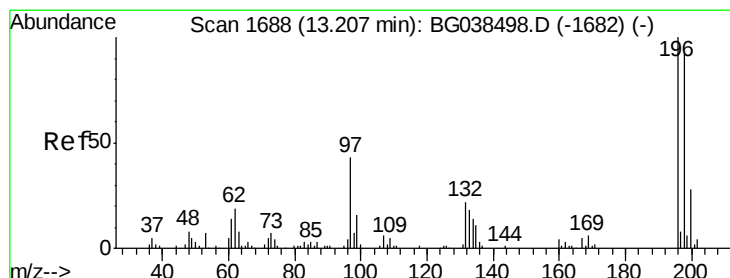
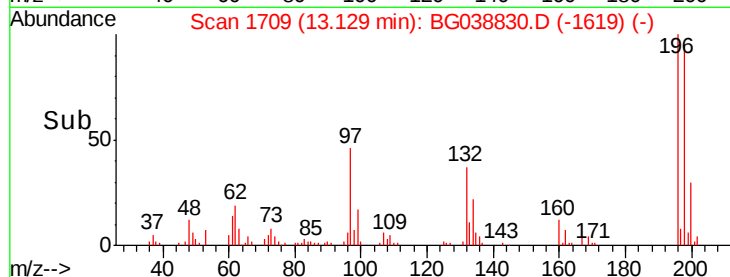
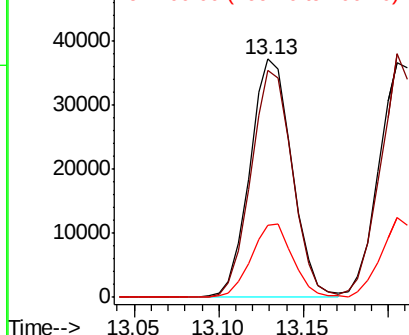
#43
 2,4,6-Trichlorophenol
 Concen: 47.051 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Instrument :
 BNA_G
 ClientSampleID :
 PB115917BS

Tot Ion:196 Resp: 64003
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.0 112.4
 200 30.3 22.4 33.6



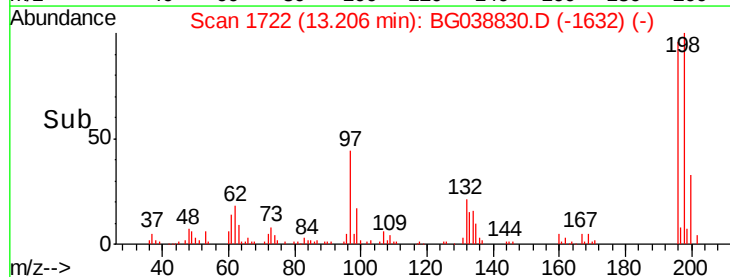
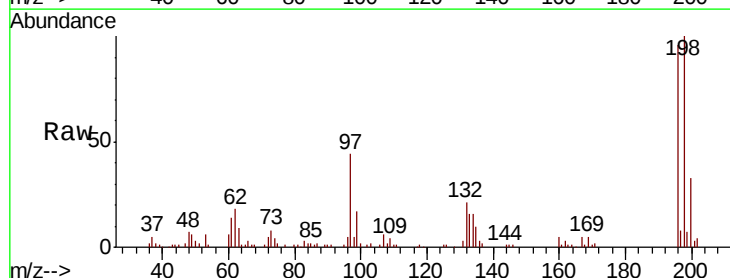
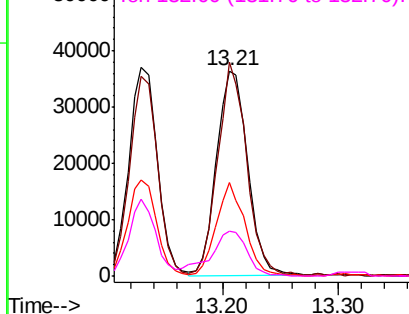
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

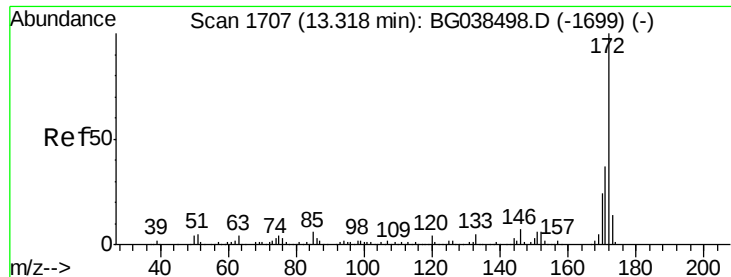


#44
 2,4,5-Trichlorophenol
 Concen: 47.171 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion:196 Resp: 67937
 Ion Ratio Lower Upper
 196 100
 198 104.0 74.0 111.0
 97 45.3 35.1 52.7
 132 21.5 18.0 27.0

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

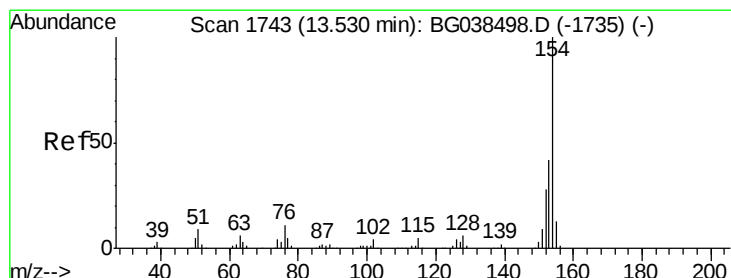
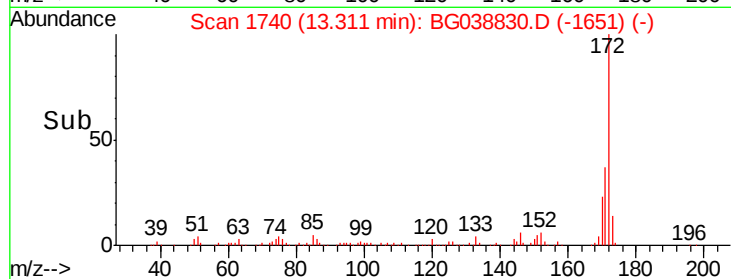
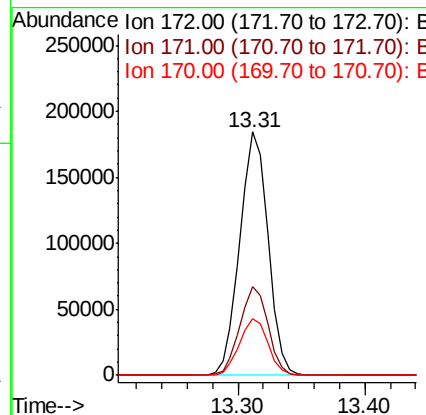
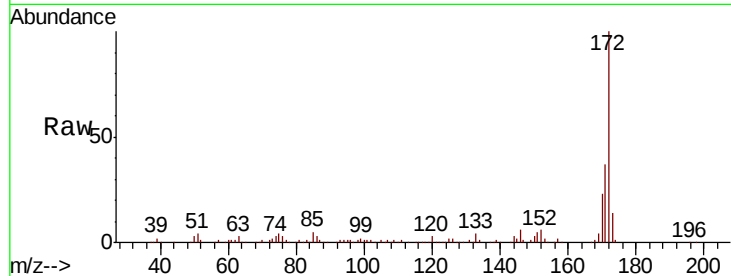




#45
2-Fluorobiphenyl
Concen: 65.826 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

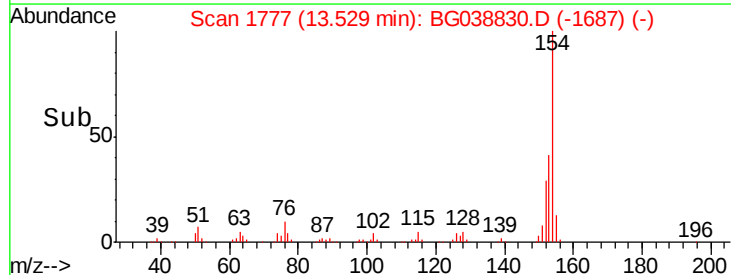
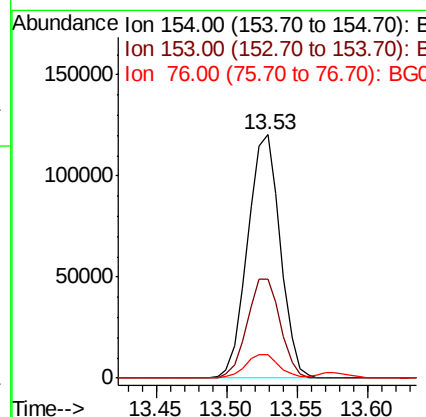
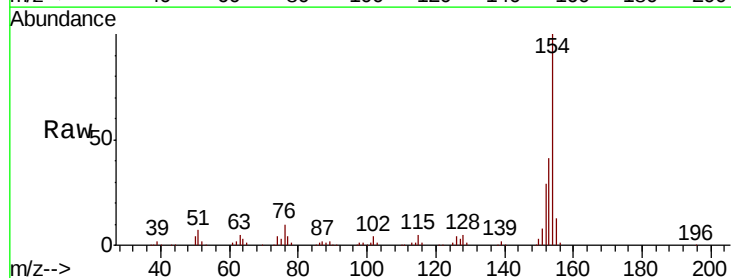
Instrument :
BNA_G
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	23.3	19.5	29.3



#46
1,1'-Biphenyl
Concen: 39.332 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	22.1	62.1
76	9.6	0.0	31.2

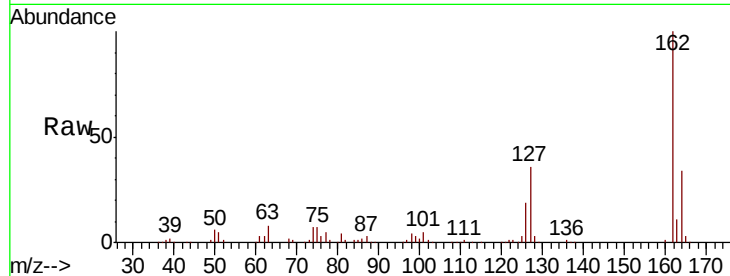




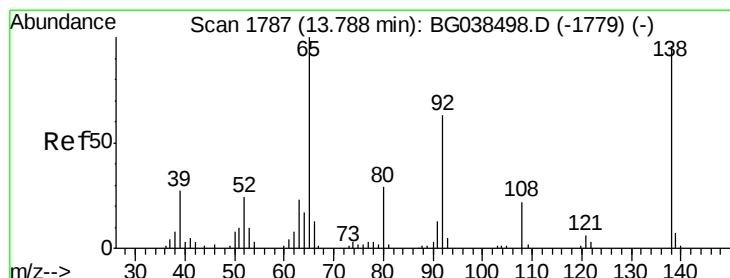
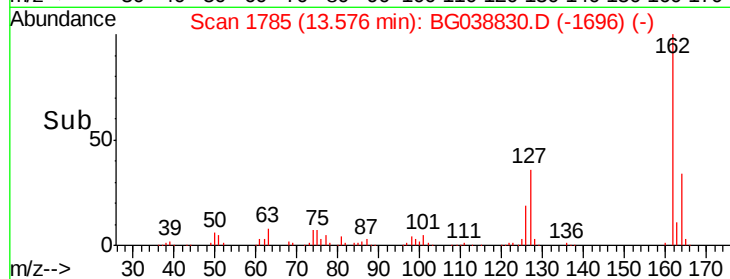
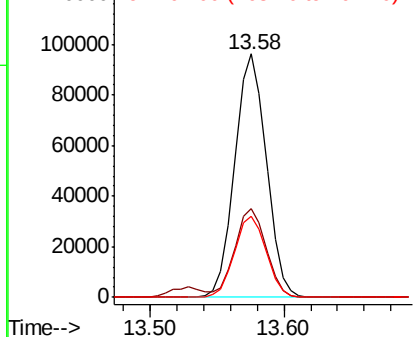
#47
 2-Chloronaphthalene
 Concen: 41.138 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

Tot Ion:162 Resp: 157668
 Ion Ratio Lower Upper
 162 100
 127 36.4 27.8 41.8
 164 33.6 26.9 40.3

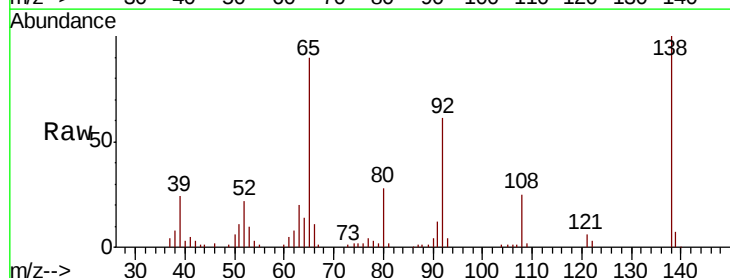


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

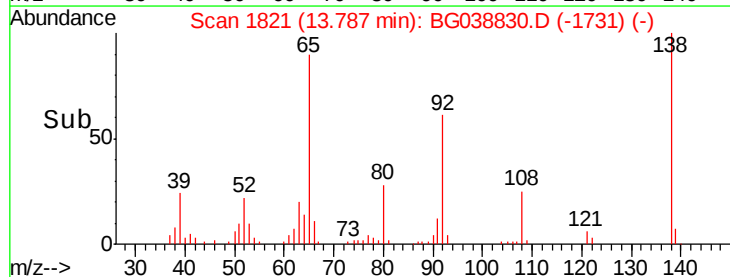
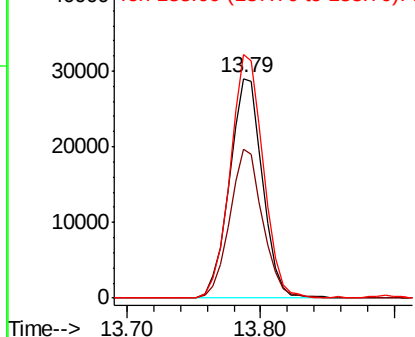


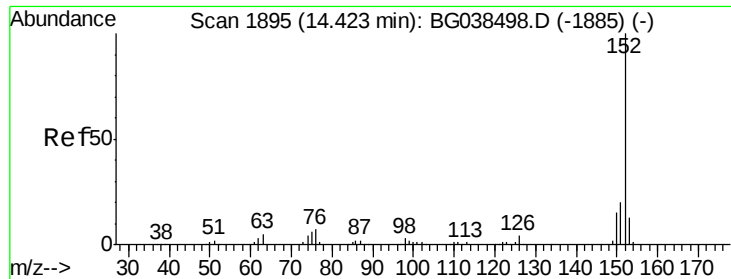
#48
 2-Nitroaniline
 Concen: 40.742 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion: 65 Resp: 49737
 Ion Ratio Lower Upper
 65 100
 92 67.9 50.0 75.0
 138 111.0 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: 45.863 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

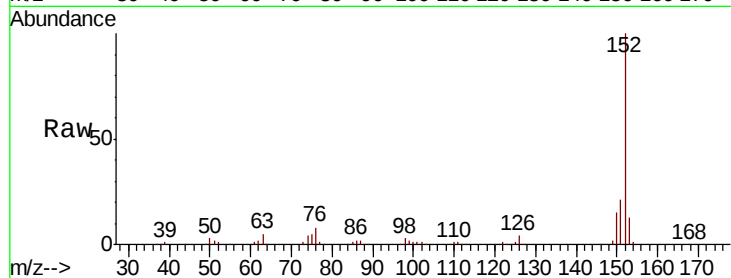
Tot Ion:152 Resp: 262780

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

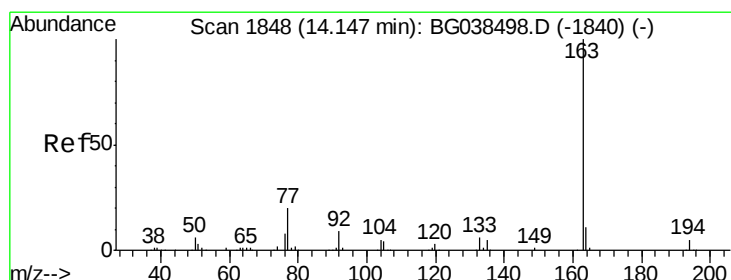
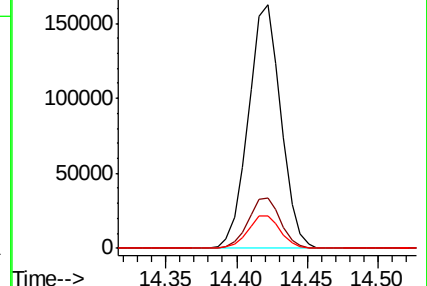
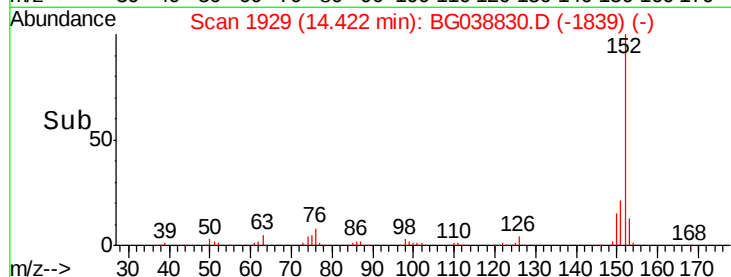
153 13.5 10.4 15.6



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: 45.864 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

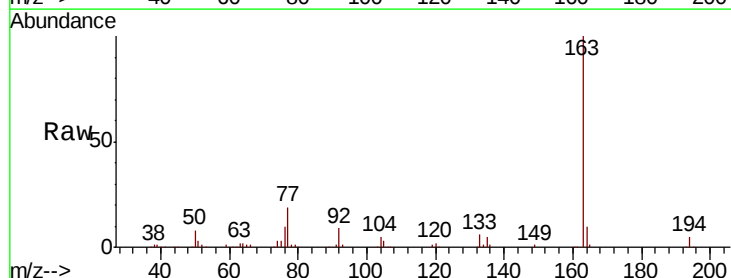
Tgt Ion:163 Resp: 221675

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

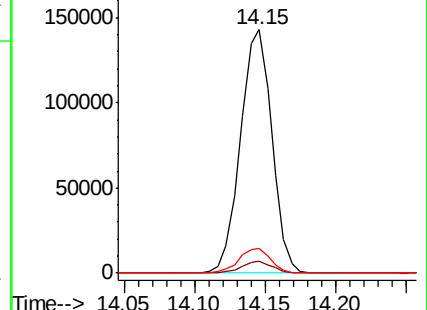
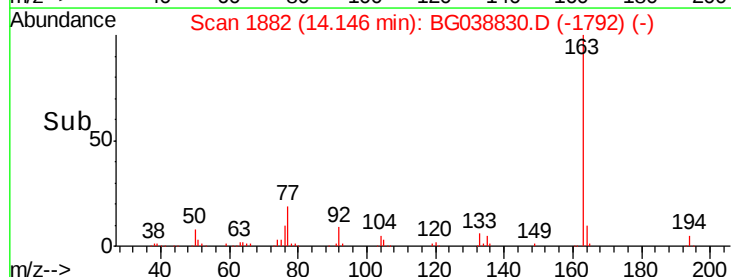
164 10.1 8.6 12.8

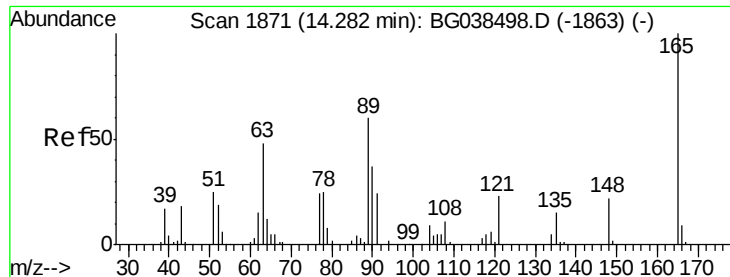


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

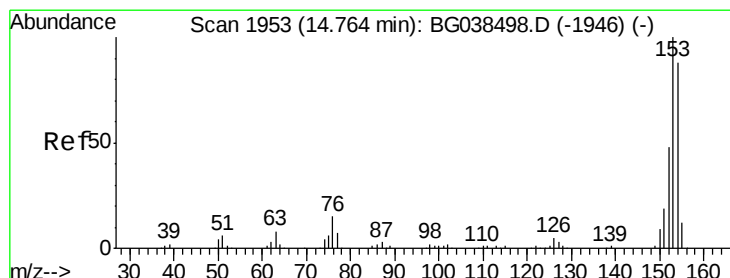
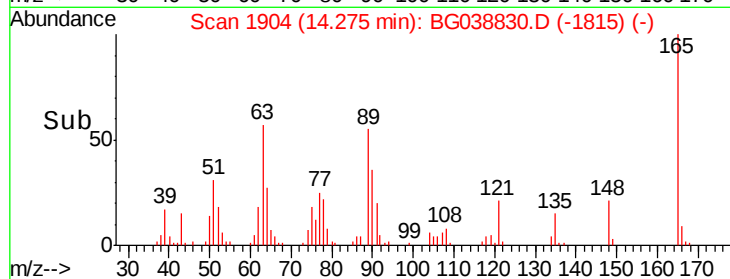
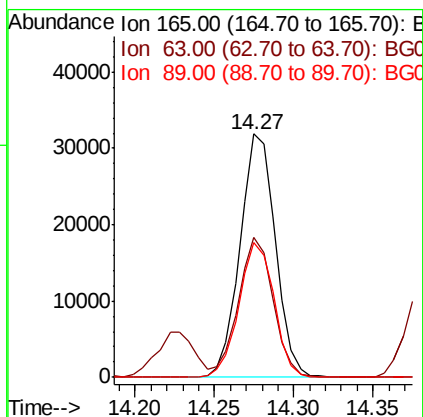
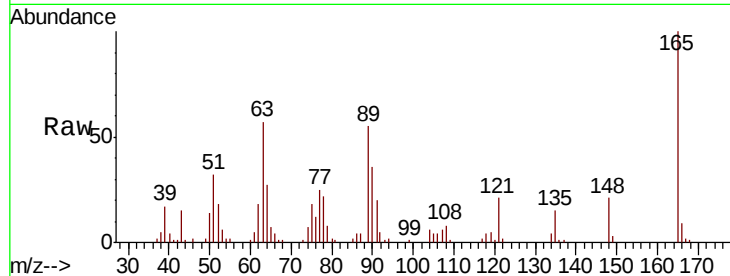




#51
 2,6-Dinitrotoluene
 Concen: 45.098 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

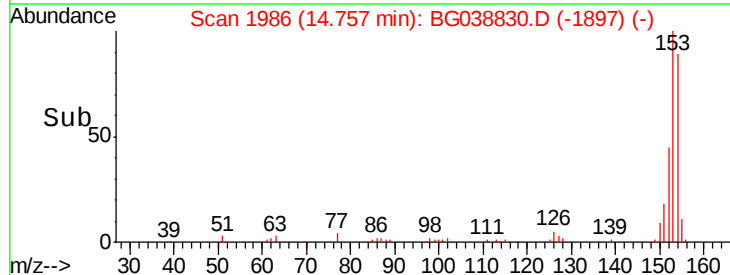
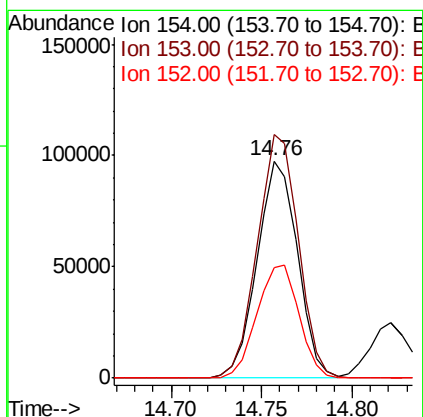
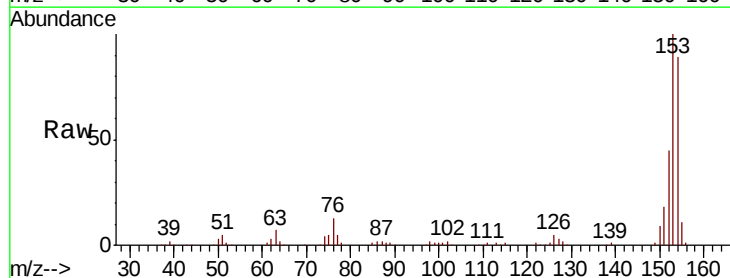
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

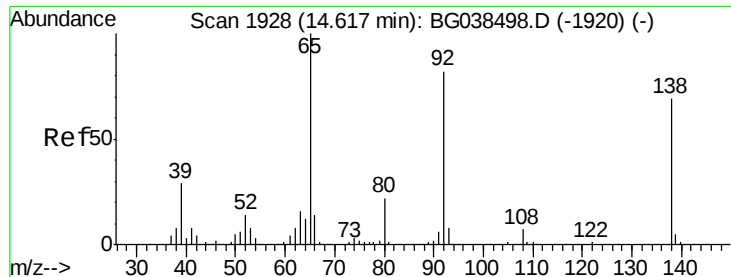
Tot Ion:165 Resp: 49397
 Ion Ratio Lower Upper
 165 100
 63 57.5 51.8 77.6
 89 55.2 47.9 71.9



#52
 Acenaphthene
 Concen: 44.147 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion:154 Resp: 151254
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.6 136.0
 152 51.0 43.5 65.3

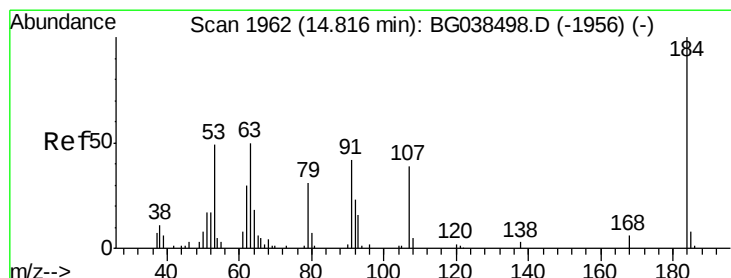
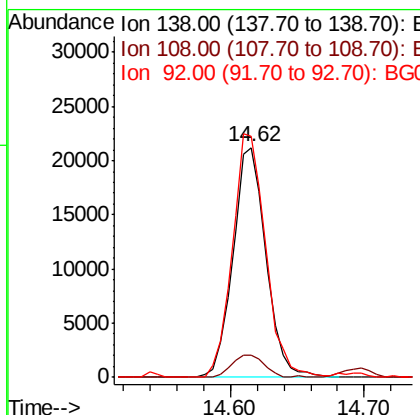
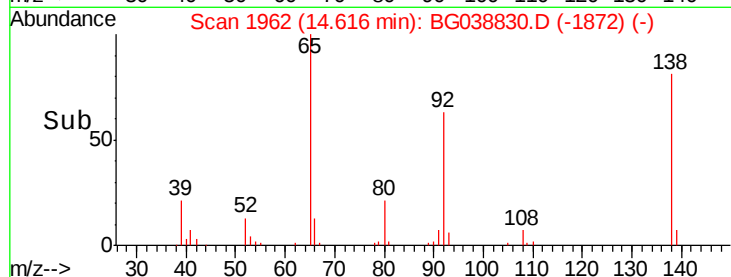
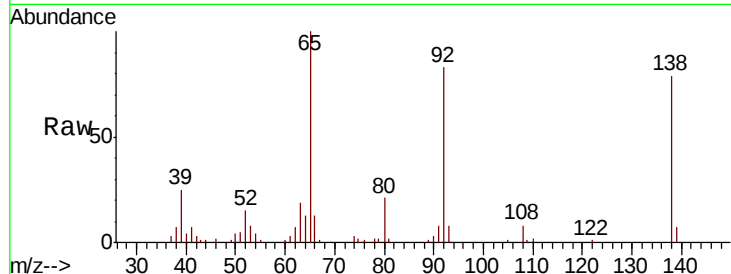




#53
3-Nitroaniline
Concen: 32.459 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

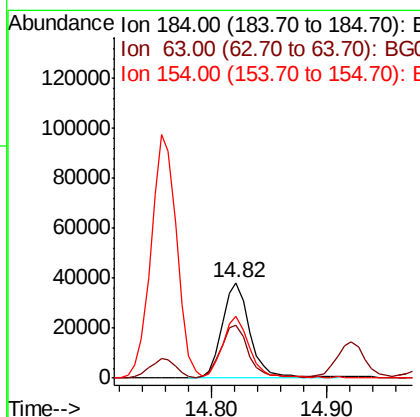
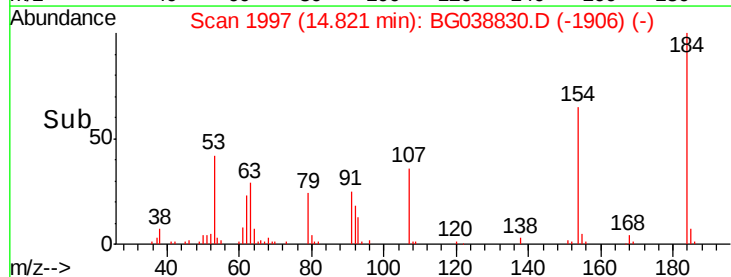
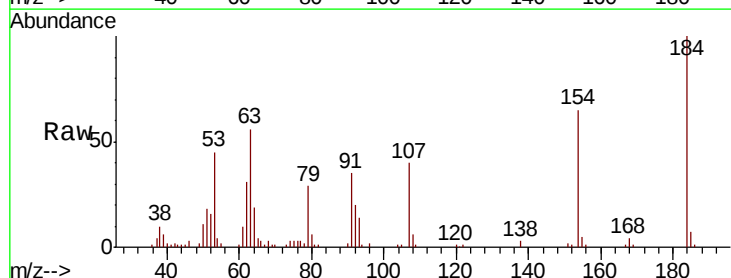
Instrument :
BNA_G
ClientSampleId :
PB115917BS

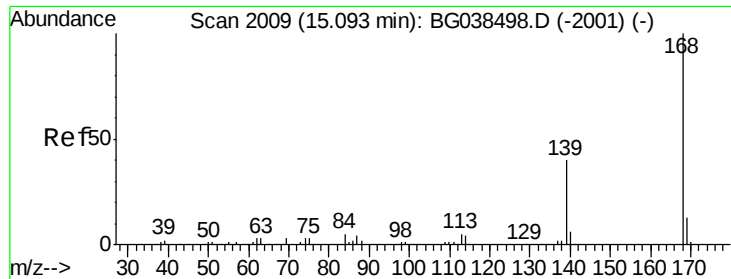
Tot Ion:138 Resp: 36242
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 105.1 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 96.907 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:184 Resp: 63919
Ion Ratio Lower Upper
184 100
63 55.6 47.0 70.6
154 65.0 50.3 75.5

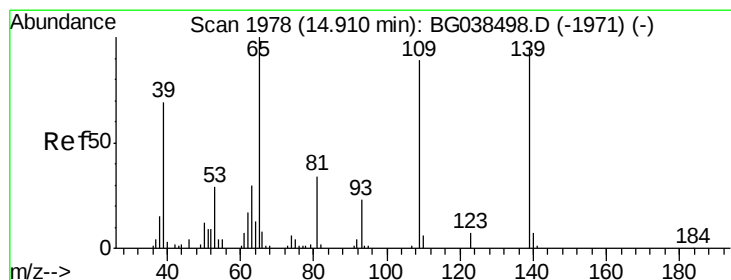
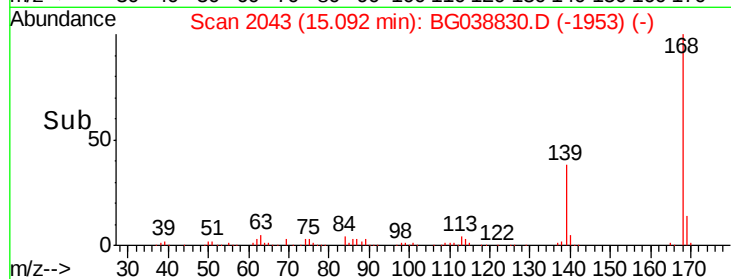
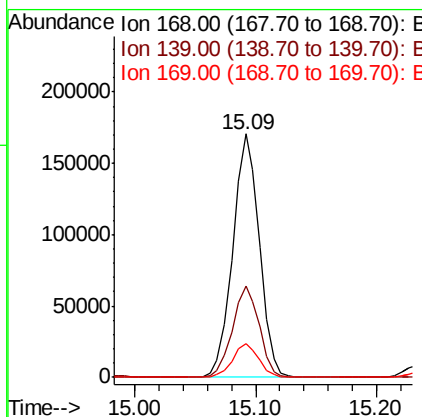
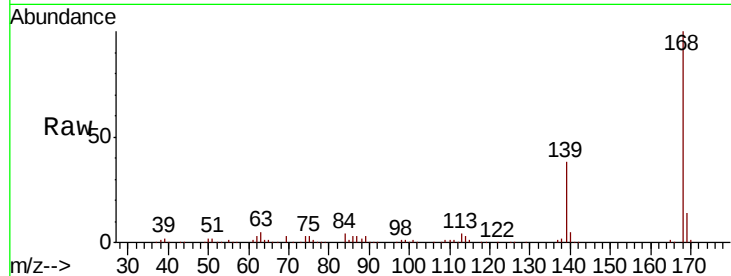




#55
Dibenzenofuran
Concen: 44.245 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

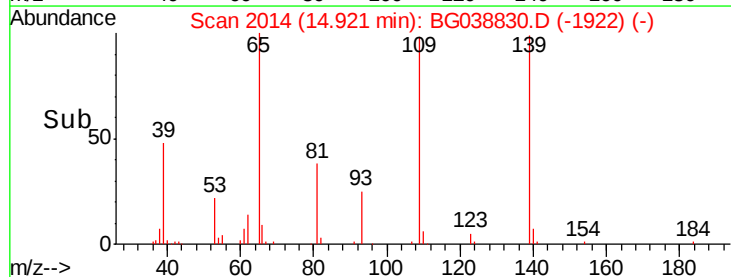
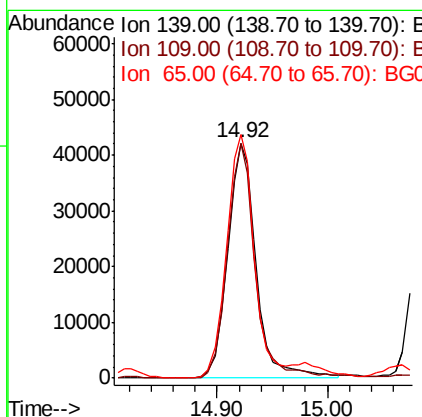
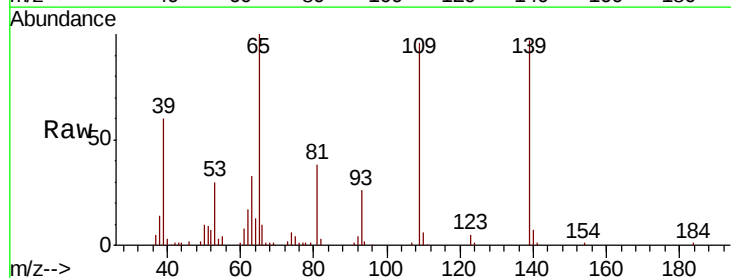
Instrument :
BNA_G
ClientSampleId :
PB115917BS

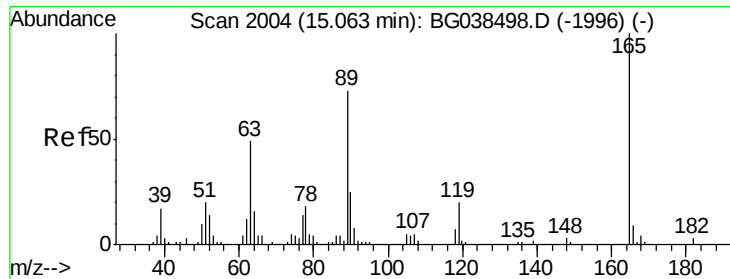
Tot Ion:168 Resp: 259849
Ion Ratio Lower Upper
168 100
139 37.6 32.2 48.2
169 13.9 10.6 16.0



#56
4-Nitrophenol
Concen: 89.544 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:139 Resp: 75847
Ion Ratio Lower Upper
139 100
109 99.7 73.6 113.6
65 103.5 84.8 124.8

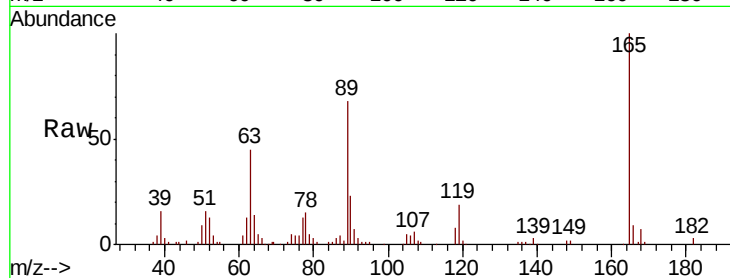




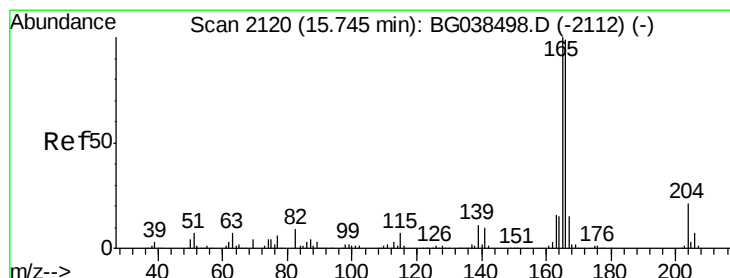
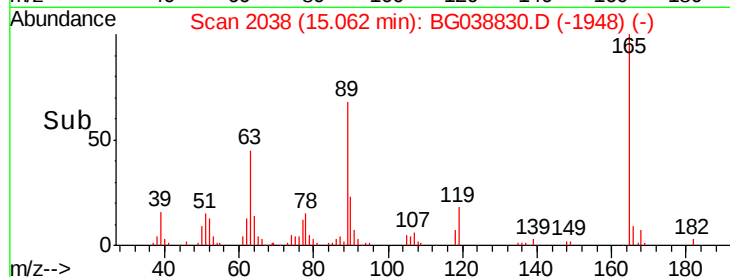
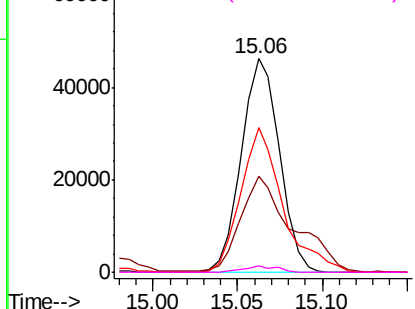
#57
2,4-Dinitrotoluene
Concen: 46.984 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Instrument :
BNA_G
ClientSampleId :
PB115917BS

Tot Ion:165 Resp: 72483
Ion Ratio Lower Upper
165 100
63 45.2 39.0 58.4
89 67.9 58.0 87.0
182 2.8 2.3 3.5

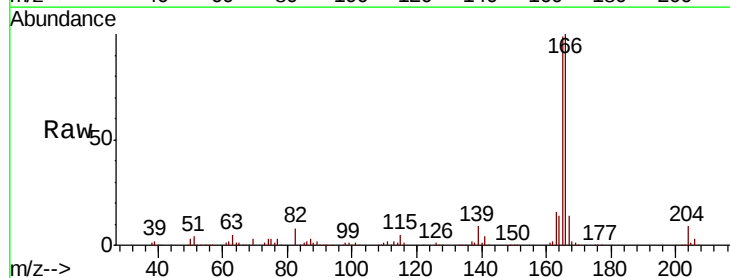


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

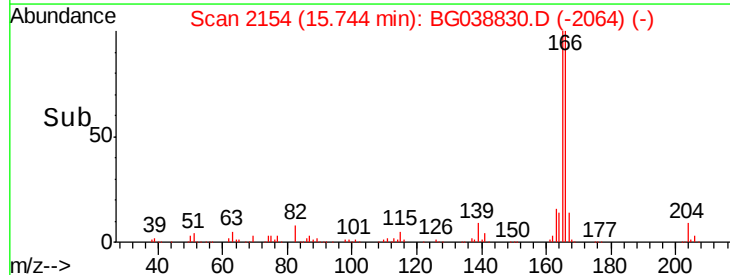
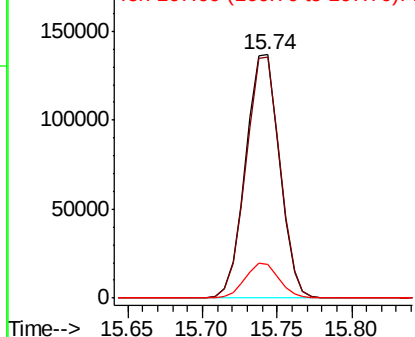


#58
Fluorene
Concen: 49.360 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:166 Resp: 214771
Ion Ratio Lower Upper
166 100
165 99.0 80.6 120.8
167 13.9 12.0 18.0



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

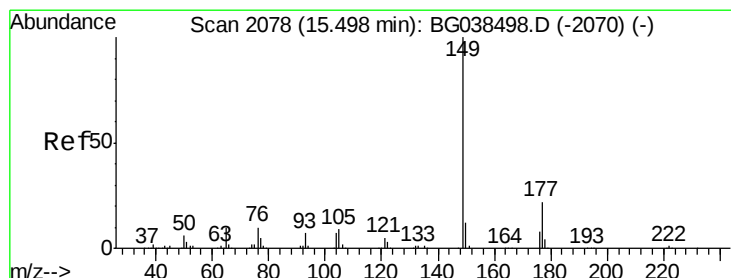
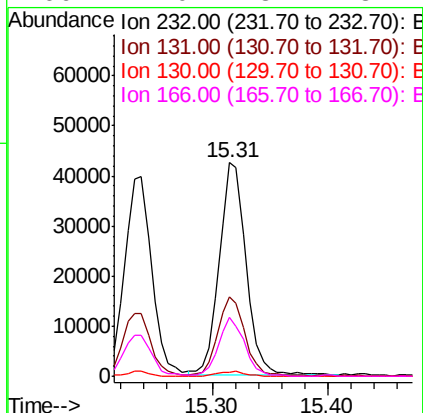
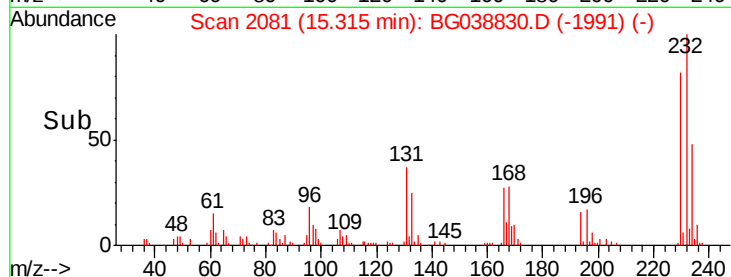
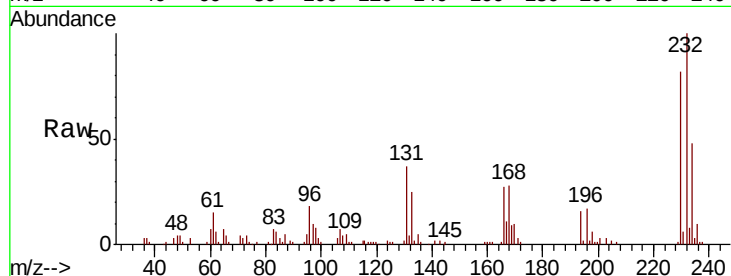




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.455 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

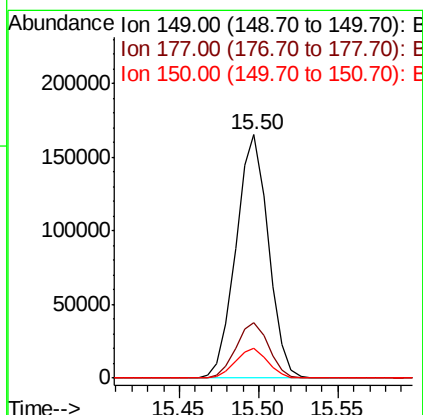
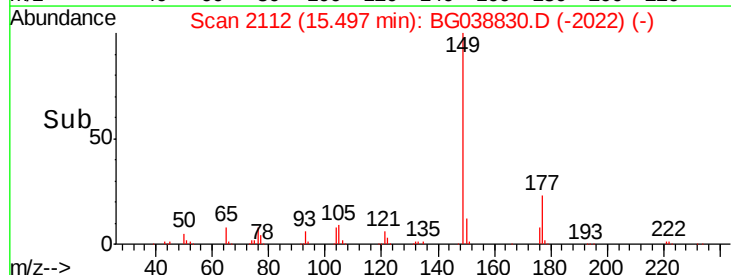
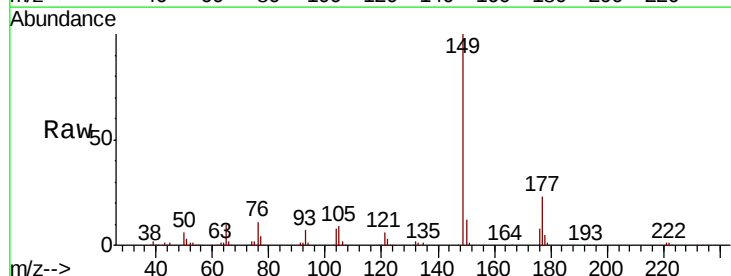
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

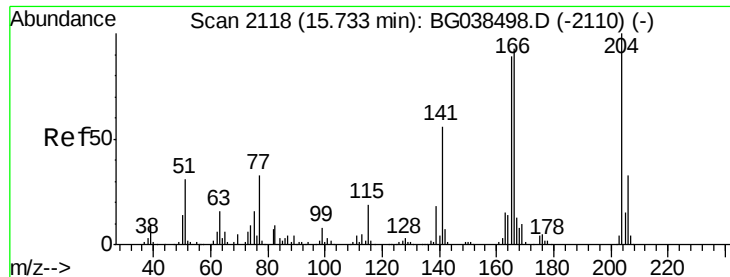
Tot Ion:232 Resp: 67970
 Ion Ratio Lower Upper
 232 100
 131 37.0 33.0 49.4
 130 2.1 2.0 3.0
 166 27.0 23.1 34.7



#60
 Diethylphthalate
 Concen: 43.995 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion:149 Resp: 233436
 Ion Ratio Lower Upper
 149 100
 177 22.9 17.7 26.5
 150 12.2 9.9 14.9

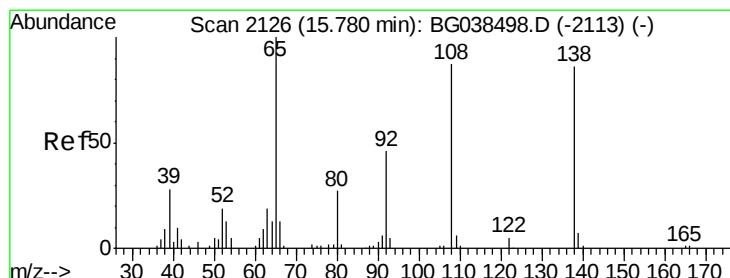
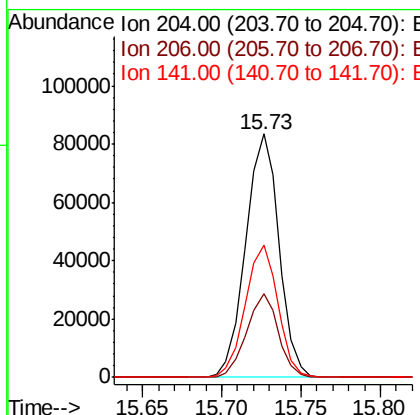
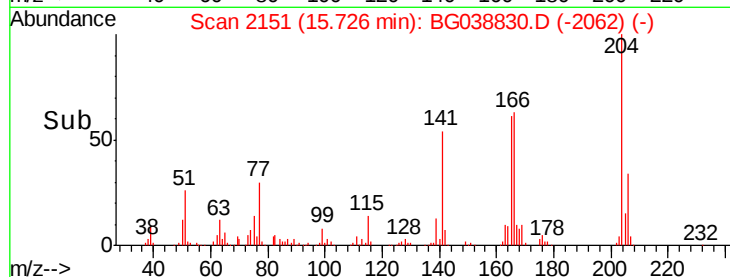
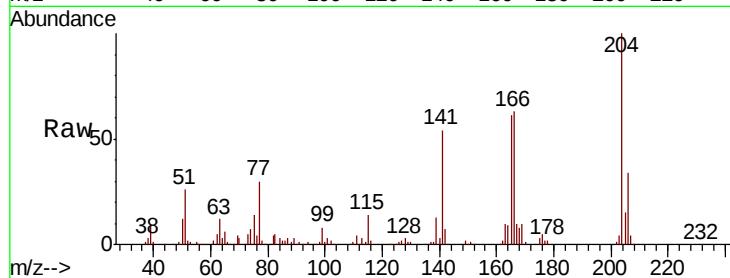




#61
4-Chlorophenyl-phenylether
Concen: 44.816 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

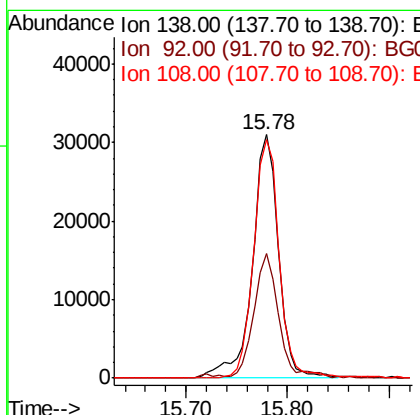
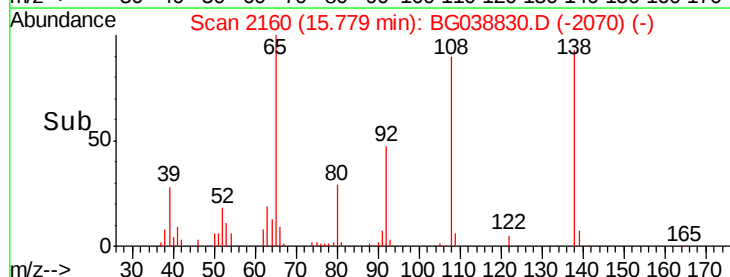
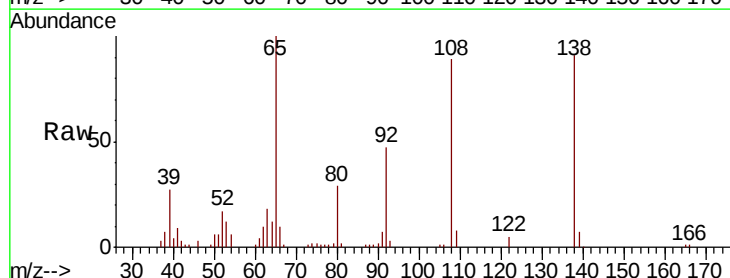
Instrument :
BNA_G
ClientSampleId :
PB115917BS

Tot Ion:204 Resp: 121667
Ion Ratio Lower Upper
204 100
206 34.3 26.0 39.0
141 54.1 44.4 66.6



#62
4-Nitroaniline
Concen: 48.340 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:138 Resp: 55567
Ion Ratio Lower Upper
138 100
92 51.2 33.3 73.3
108 98.2 81.4 121.4





#63

Azobenzene

Concen: 41.587 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

Tot Ion: 77 Resp: 184337

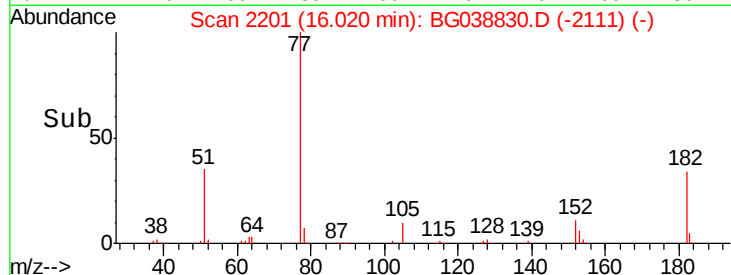
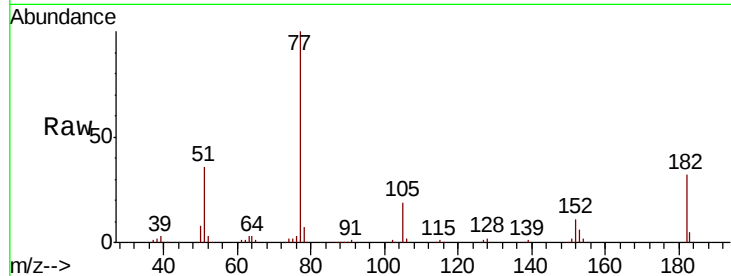
Ion Ratio Lower Upper

77 100

182 32.4 8.7 48.7

105 19.3 0.0 38.7

51 36.1 16.6 56.6

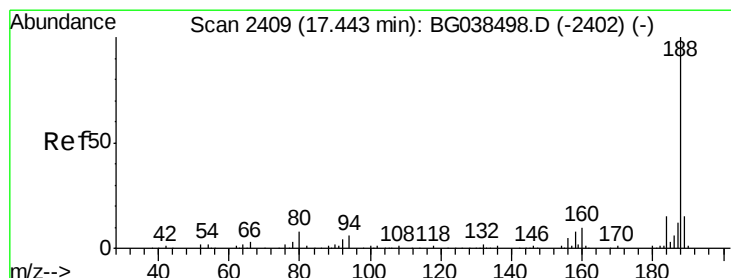
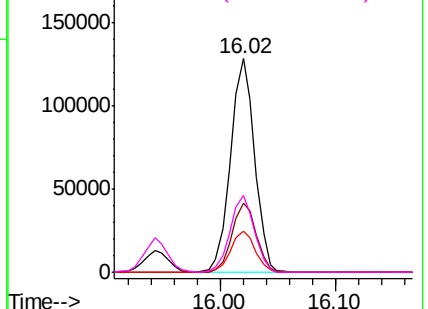


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

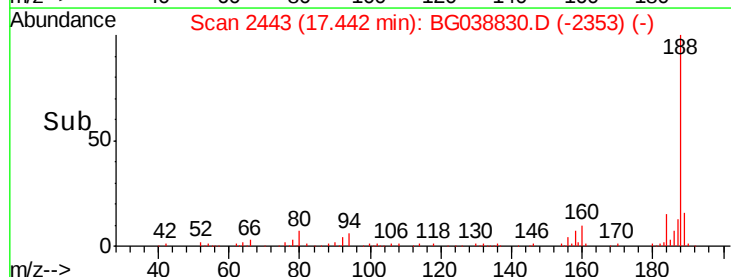
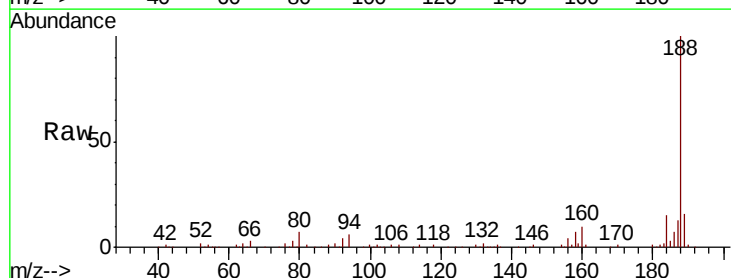
Tgt Ion: 188 Resp: 162210

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

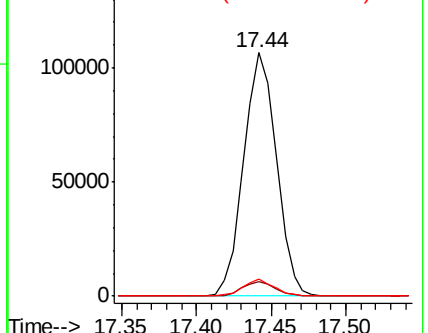
80 6.8 6.1 9.1



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

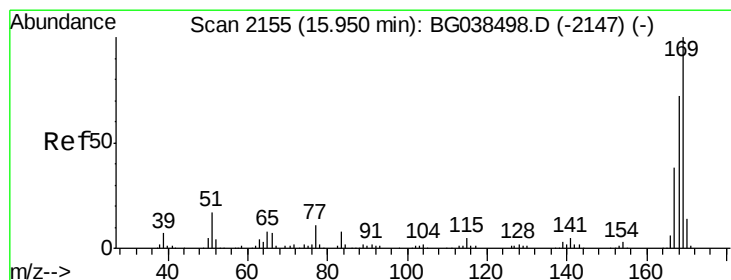
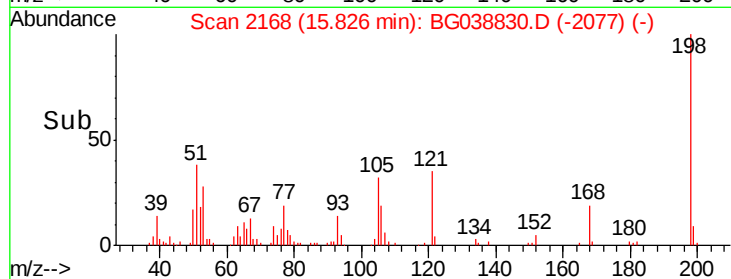
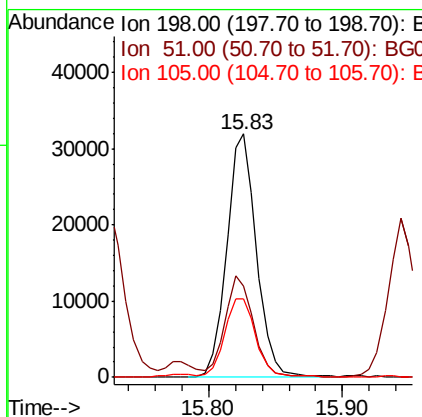
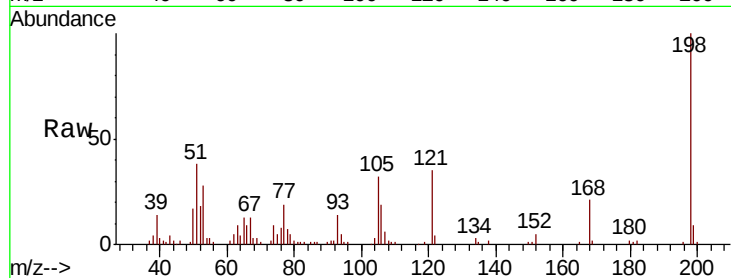




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.826 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

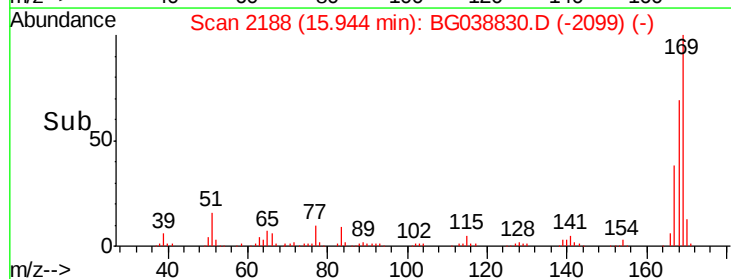
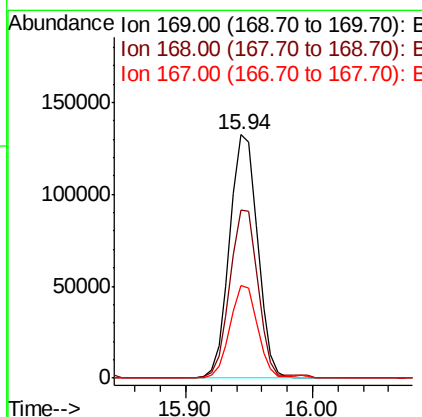
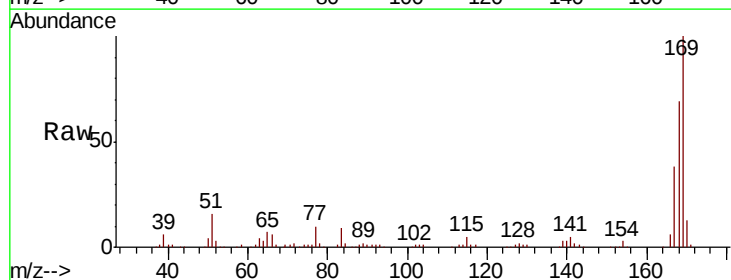
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.5	28.6	68.6
105	32.3	20.4	60.4



#66
 n-Nitrosodiphenylamine
 Concen: 42.383 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	57.5	86.3
167	37.8	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 43.085 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

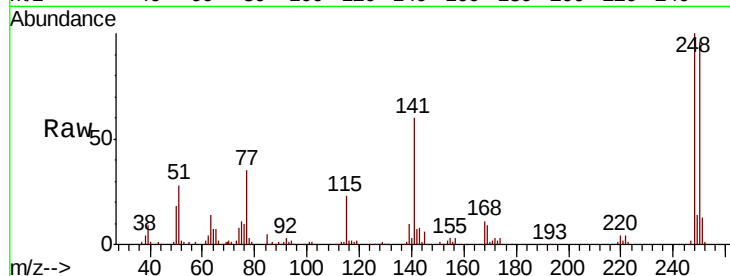
Tot Ion:248 Resp: 85354

Ion Ratio Lower Upper

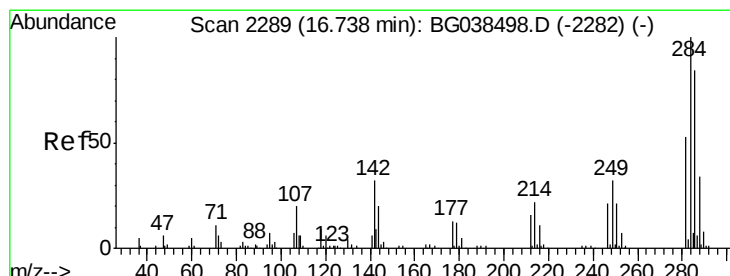
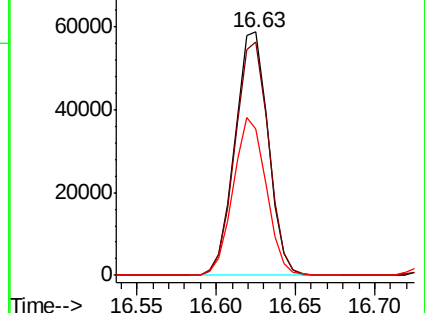
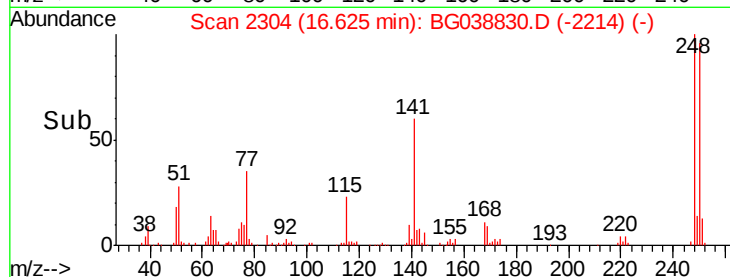
248 100

250 95.9 73.4 110.2

141 60.2 52.9 79.3



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



#68

Hexachlorobenzene

Concen: 44.325 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

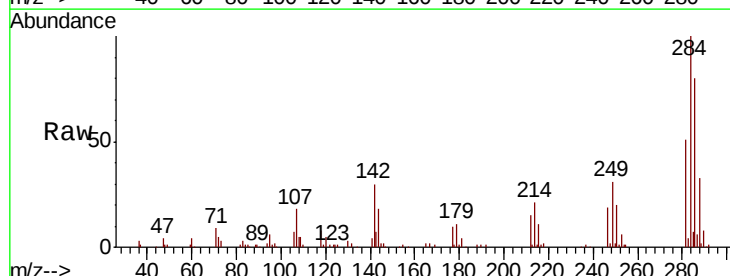
Tgt Ion:284 Resp: 91025

Ion Ratio Lower Upper

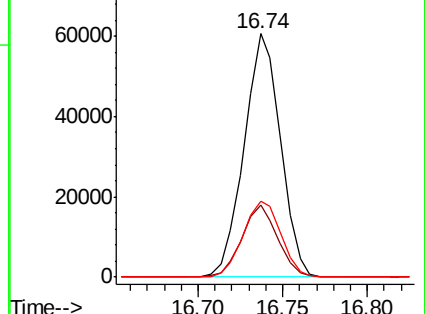
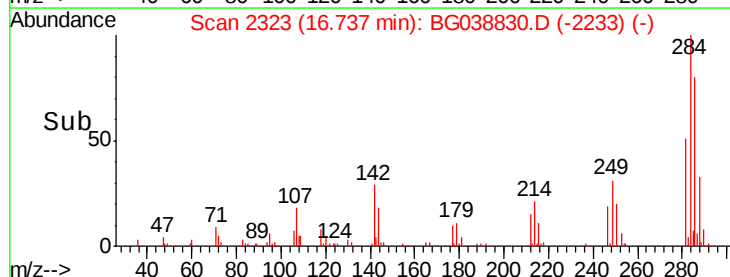
284 100

142 29.9 25.8 38.6

249 33.1 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.195 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

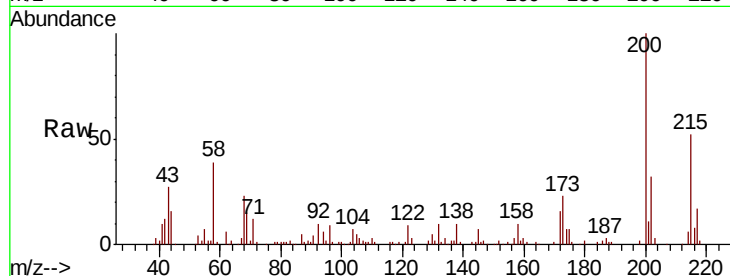
Tot Ion:200 Resp: 85245

Ion Ratio Lower Upper

200 100

173 22.9 5.9 45.9

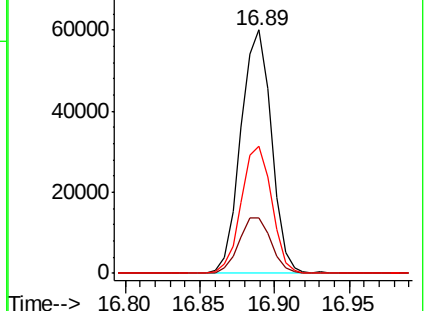
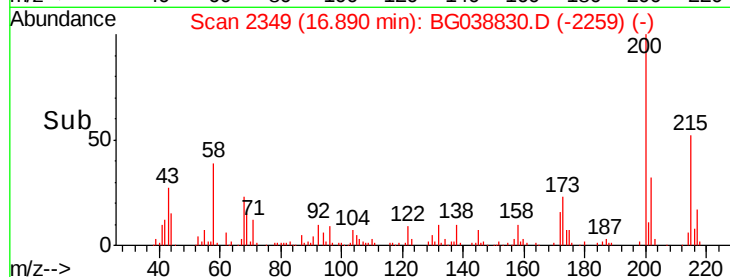
215 52.5 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 80.010 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

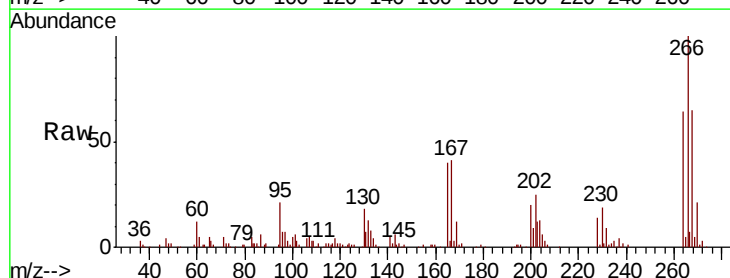
Tgt Ion:266 Resp: 97186

Ion Ratio Lower Upper

266 100

268 70.0 55.0 82.6

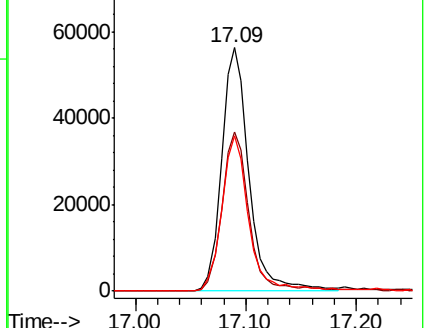
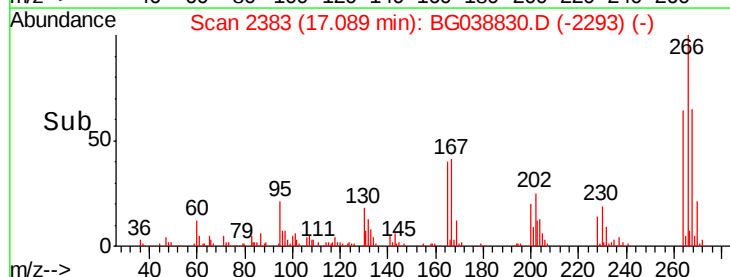
264 69.2 56.7 85.1

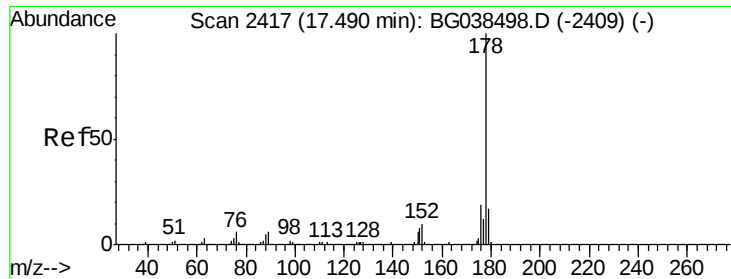


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

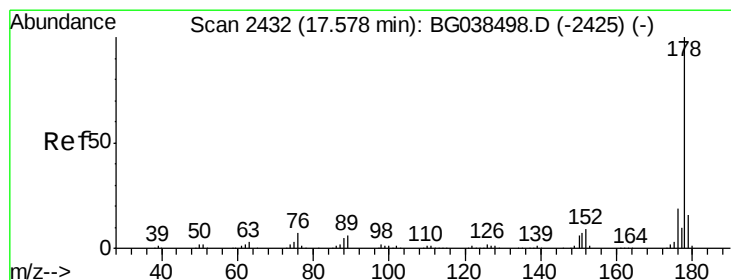
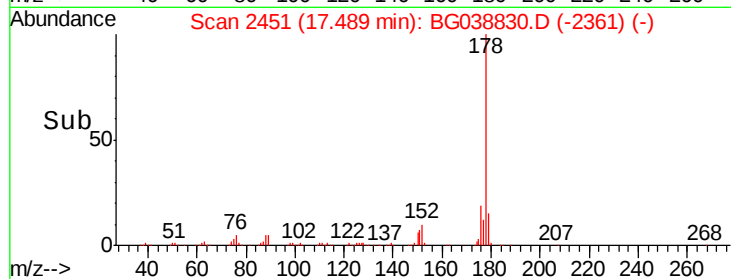
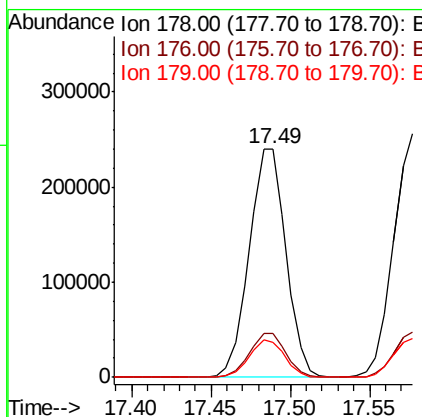
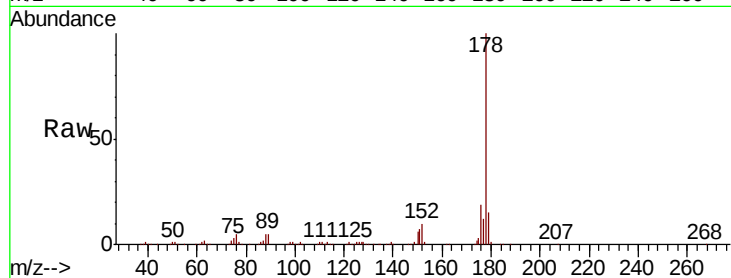




#71
Phenanthrene
Concen: 45.982 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

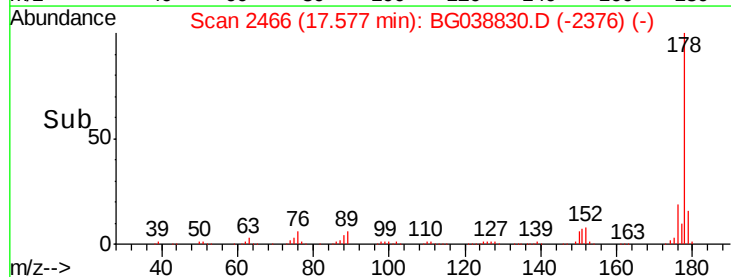
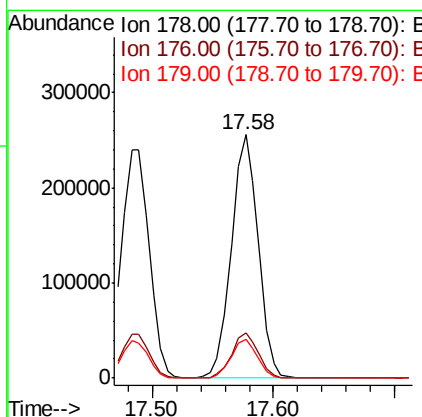
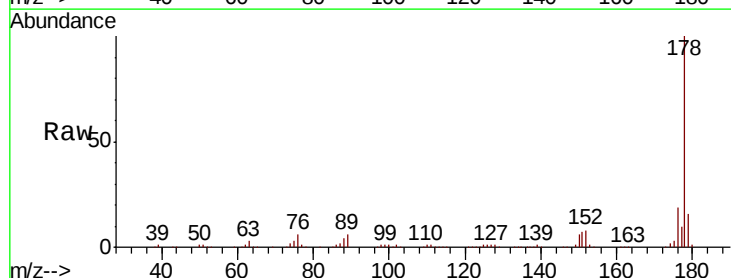
Instrument :
BNA_G
ClientSampleId :
PB115917BS

Tot Ion:178 Resp: 386787
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.2 13.2 19.8



#72
Anthracene
Concen: 47.421 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:178 Resp: 393791
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 12.9 19.3

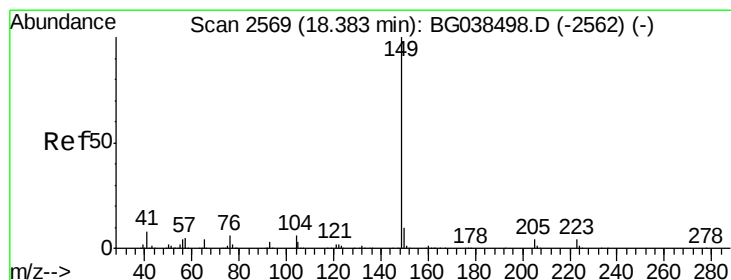
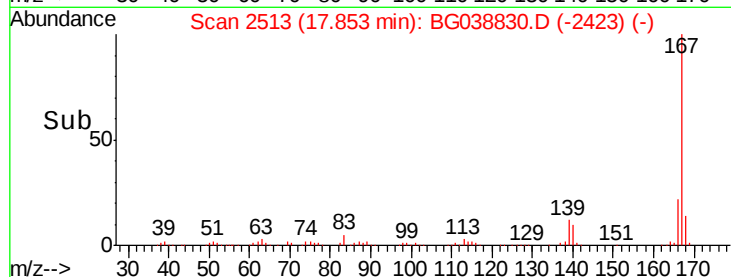
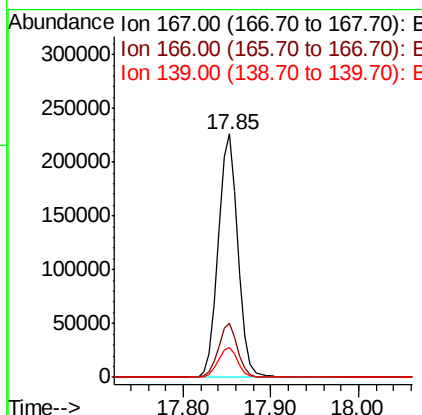
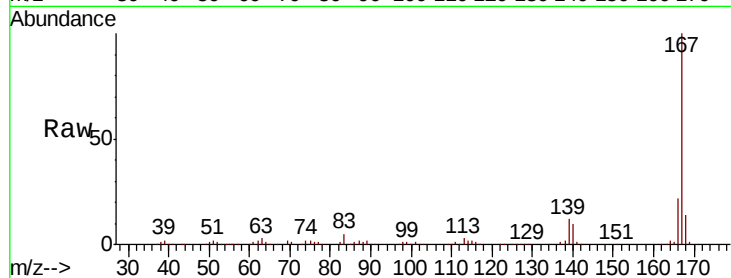




#73
 Carbazole
 Concen: 42.937 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

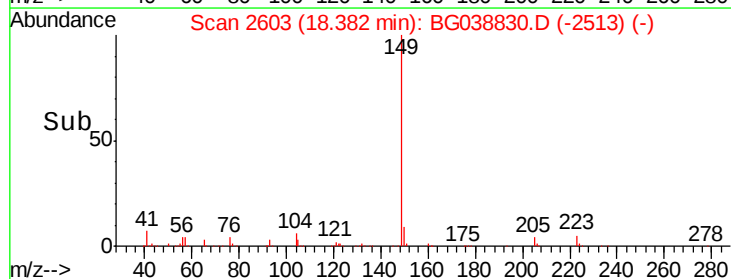
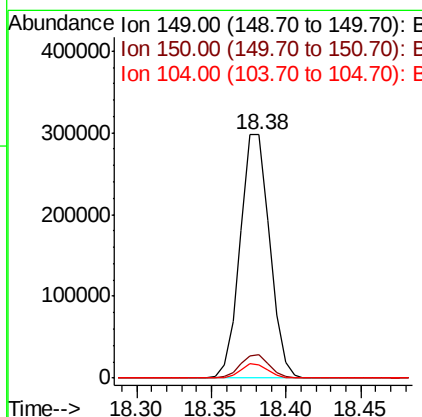
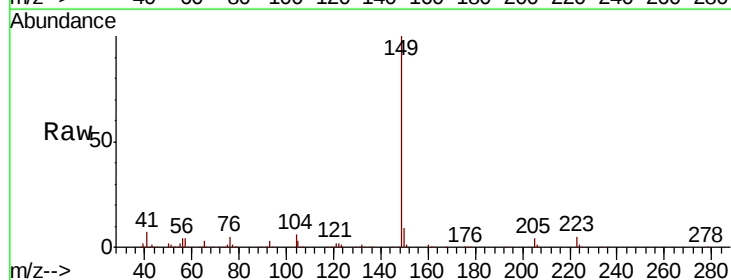
Instrument :
 BNA_G
 ClientSampleId :
 PB115917BS

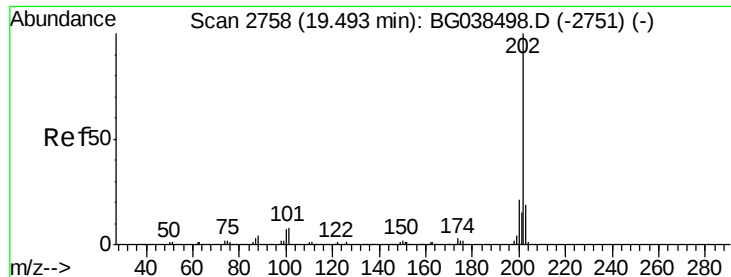
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	12.4	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 43.451 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038830.D
 Acq: 26 Dec 2018 14:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.5	5.0	7.4





#75

Fluoranthene

Concen: 45.882 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

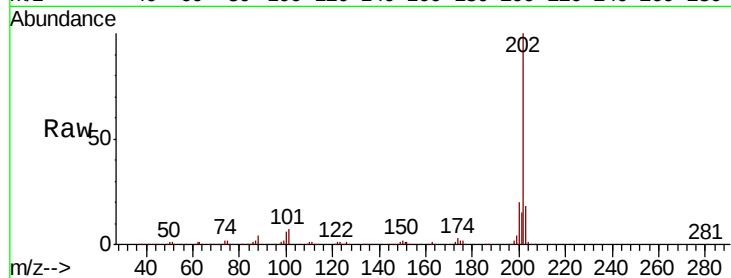
Tot Ion:202 Resp: 477519

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.1

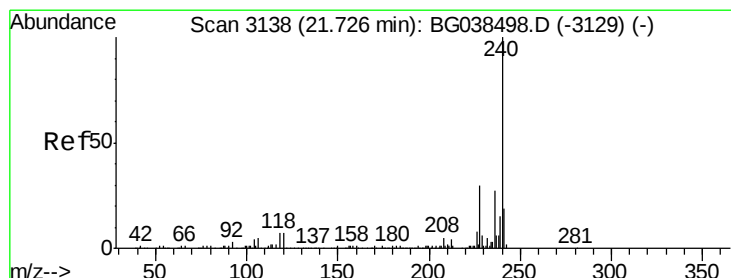
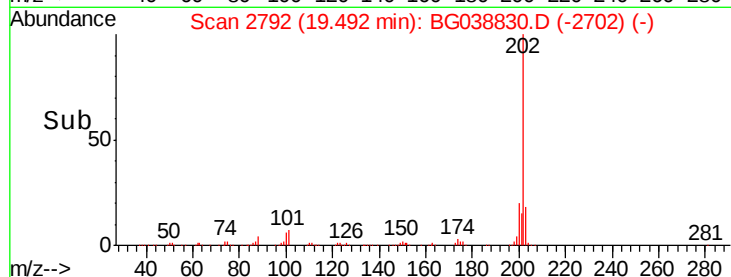
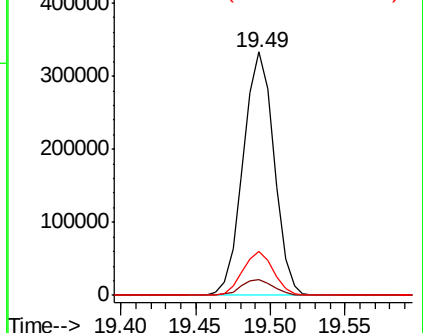
203 17.9 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

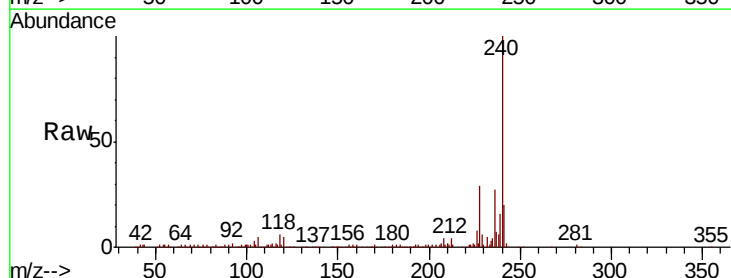
Tgt Ion:240 Resp: 161211

Ion Ratio Lower Upper

240 100

120 5.3 5.3 7.9#

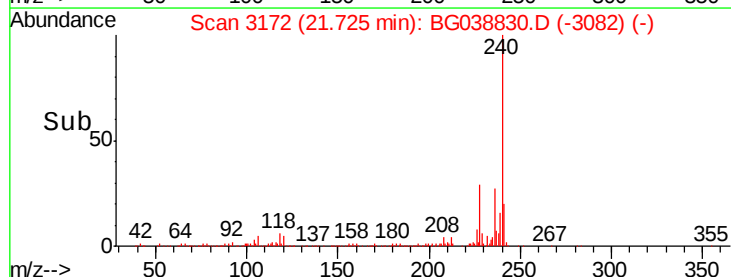
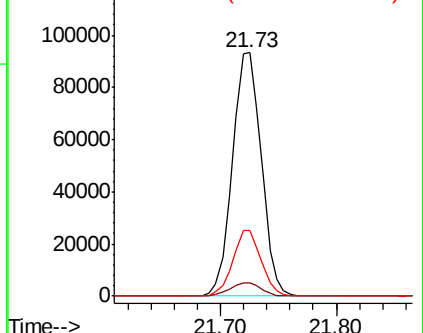
236 26.9 21.4 32.2

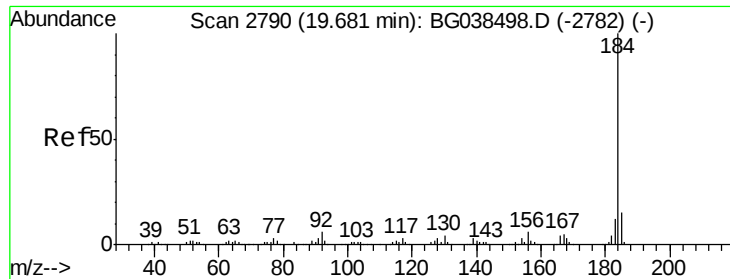


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.200 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

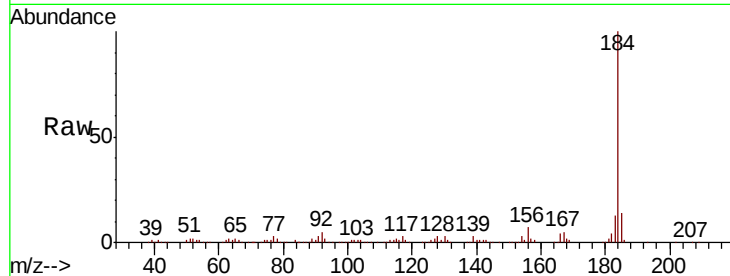
Tot Ion:184 Resp: 220265

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

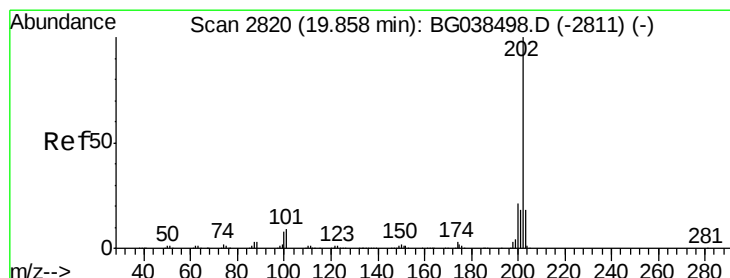
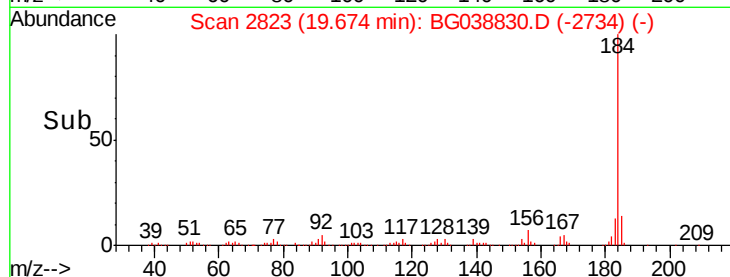
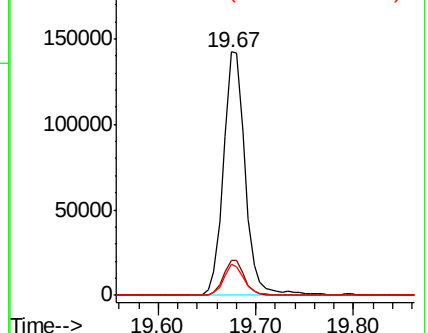
183 12.8 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.475 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

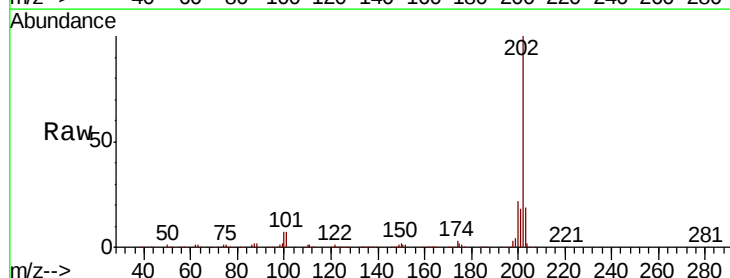
Tgt Ion:202 Resp: 473661

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

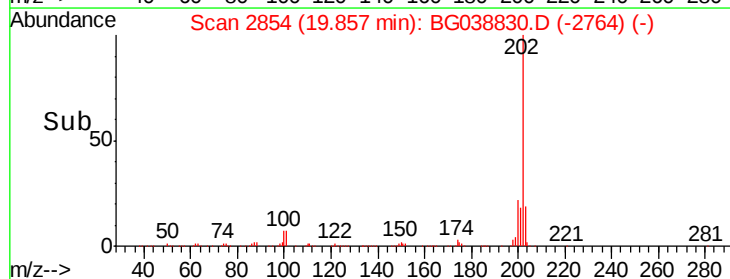
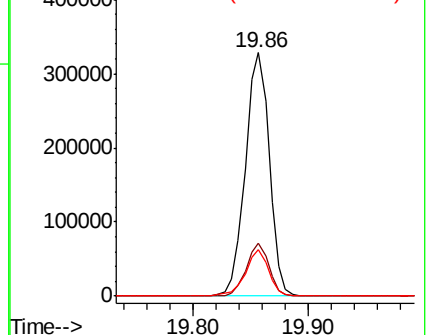
203 18.9 14.6 21.8



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: 84.021 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

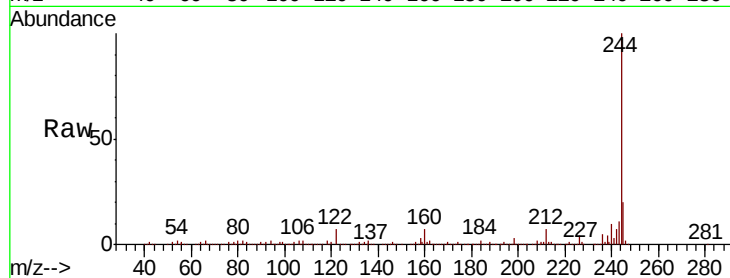
Tot Ion:244 Resp: 622379

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

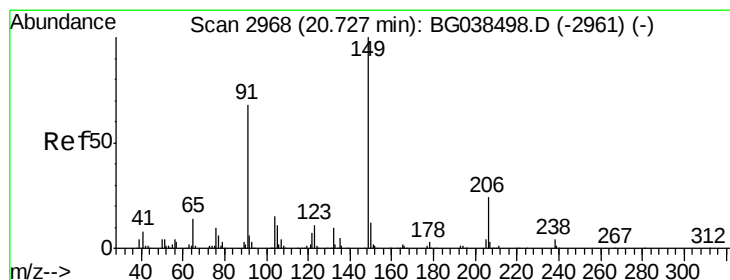
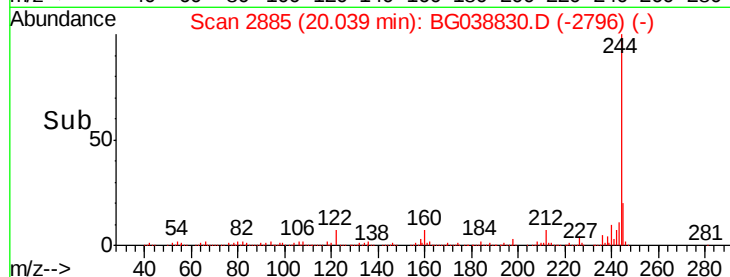
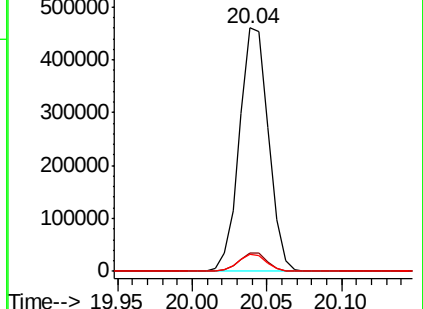
122 6.9 6.3 9.5



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: 41.892 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

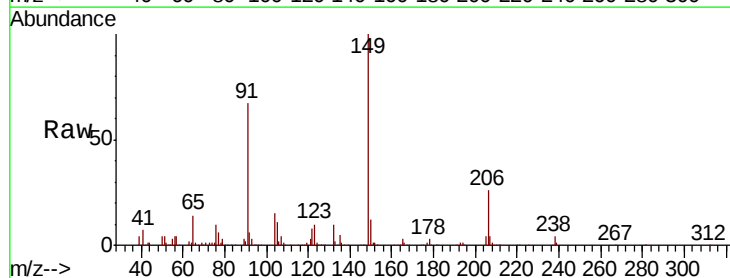
Tgt Ion:149 Resp: 174308

Ion Ratio Lower Upper

149 100

91 66.6 54.5 81.7

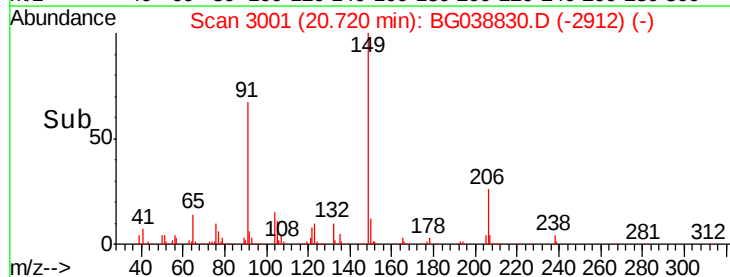
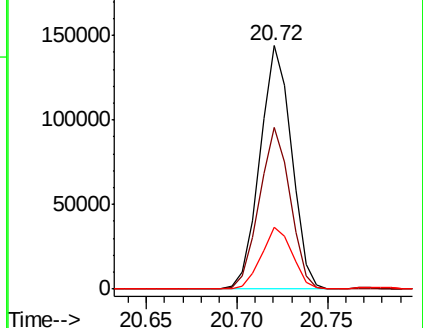
206 25.6 19.0 28.6

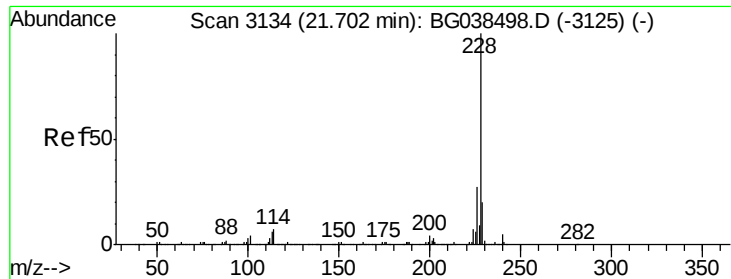


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

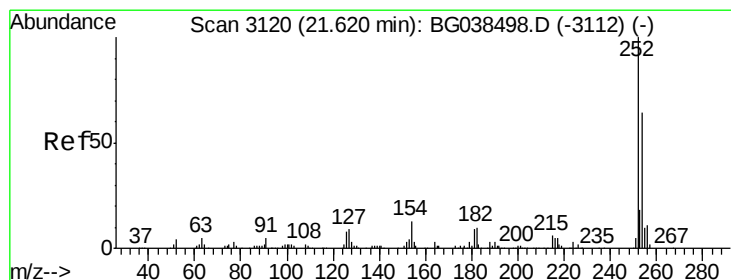
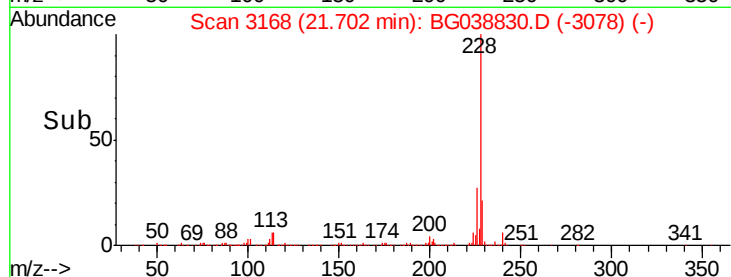
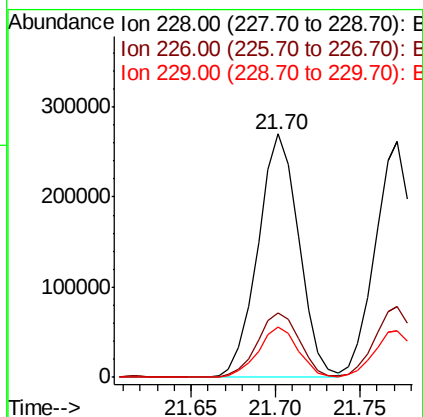
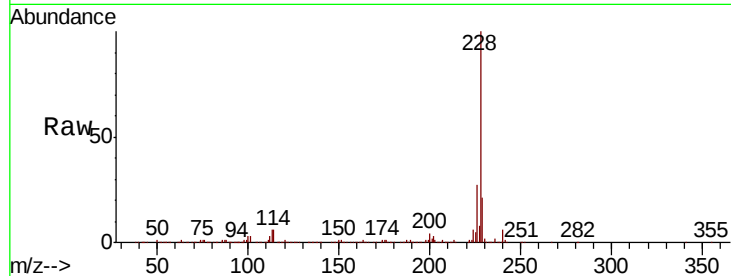




#81
Benzo(a)anthracene
Concen: 46.002 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

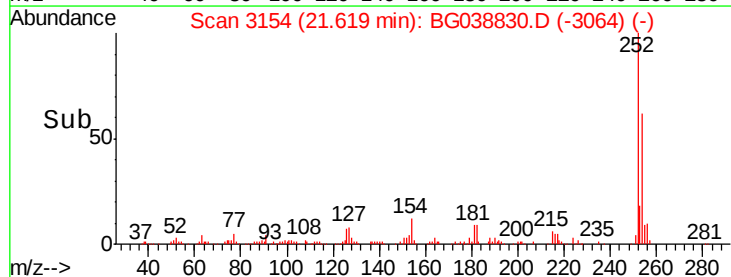
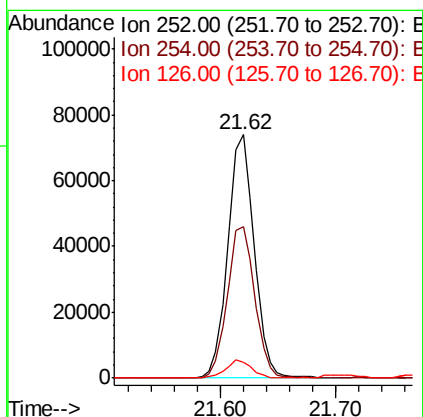
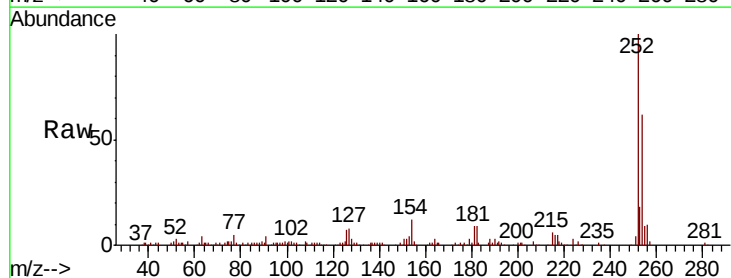
Instrument :
BNA_G
ClientSampleId :
PB115917BS

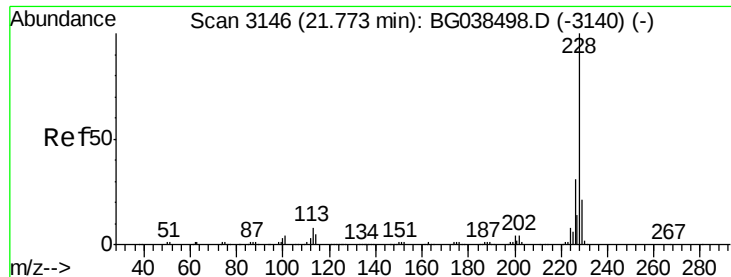
Tot Ion:228 Resp: 451895
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.8
229 20.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.164 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:252 Resp: 117518
Ion Ratio Lower Upper
252 100
254 62.5 50.9 76.3
126 6.6 6.3 9.5





#83

Chrysene

Concen: 44.377 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

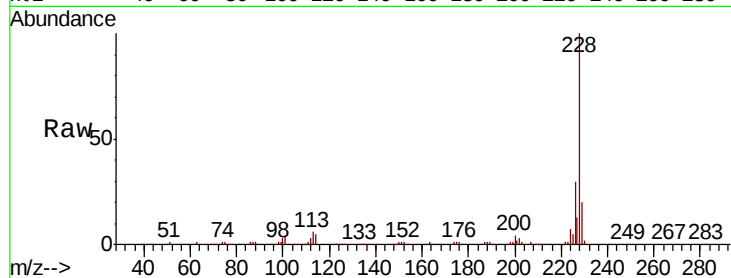
Tot Ion:228 Resp: 419893

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.4

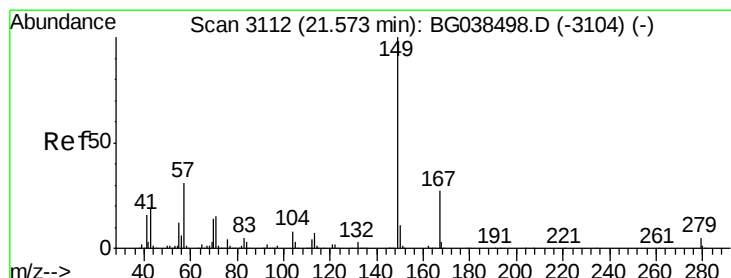
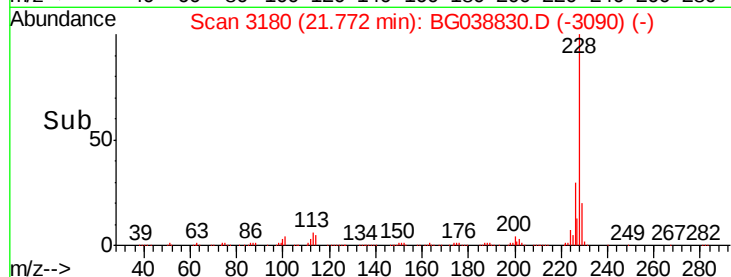
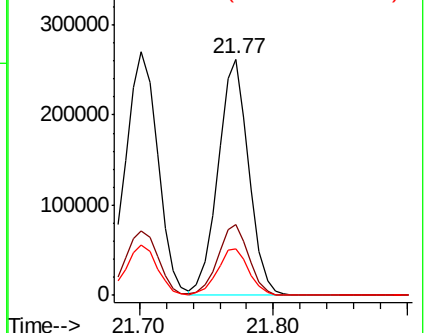
229 19.7 16.5 24.7



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: 40.538 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

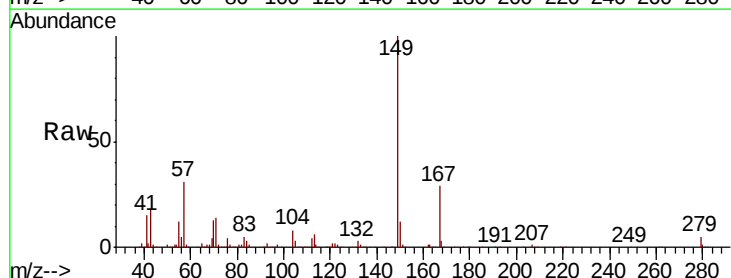
Tgt Ion:149 Resp: 239225

Ion Ratio Lower Upper

149 100

167 29.4 21.9 32.9

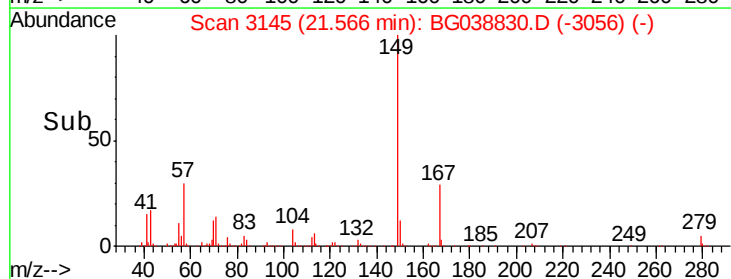
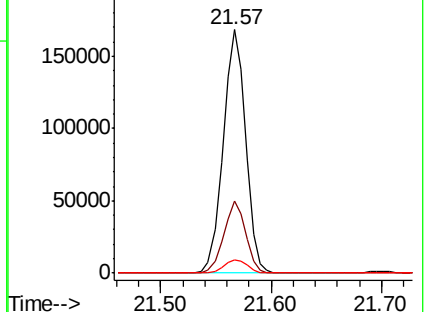
279 5.4 4.2 6.2

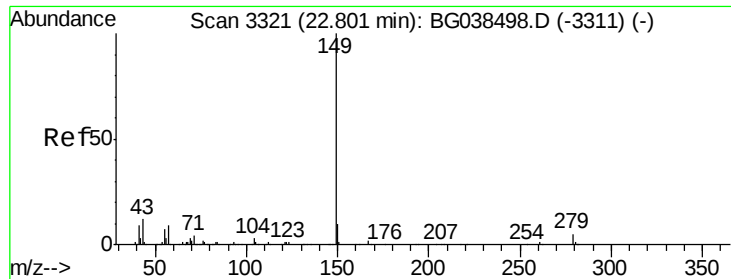


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.351 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

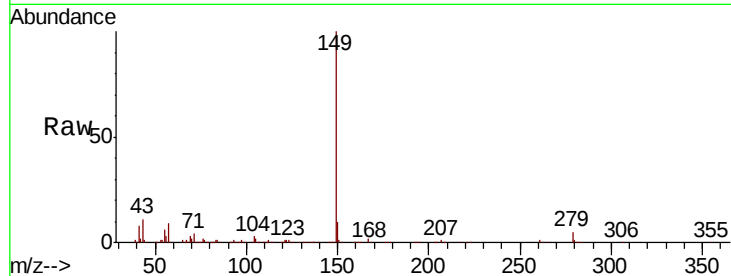
Tot Ion:149 Resp: 408677

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

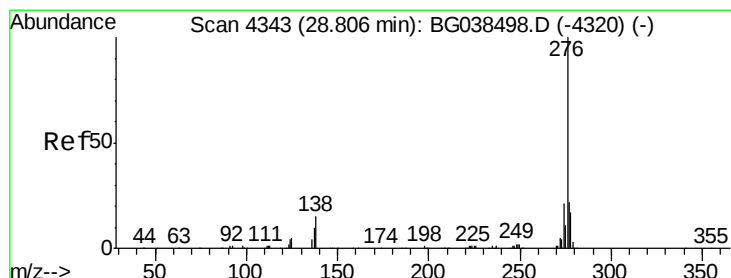
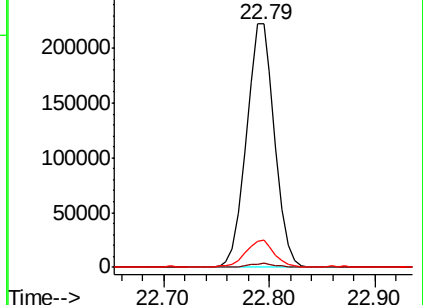
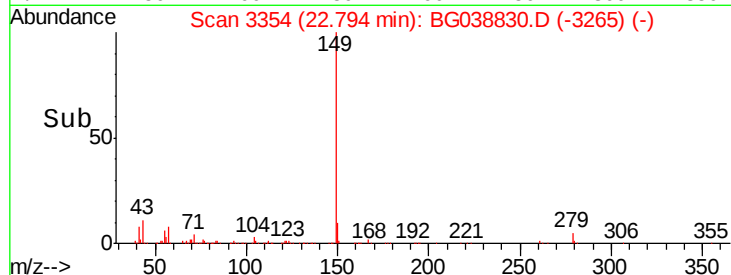
43 10.7 9.3 13.9



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: 47.164 ng

RT: 28.81 min Scan# 4378

Delta R.T. 0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

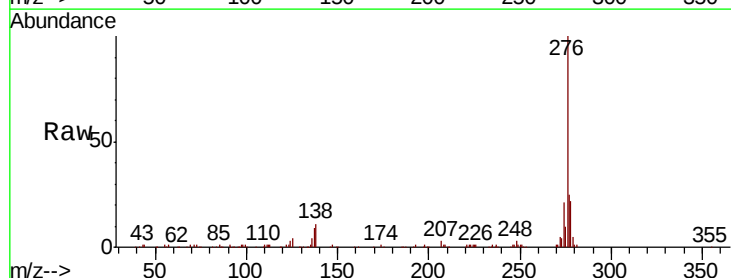
Tgt Ion:276 Resp: 524651

Ion Ratio Lower Upper

276 100

138 6.1 14.4 21.6#

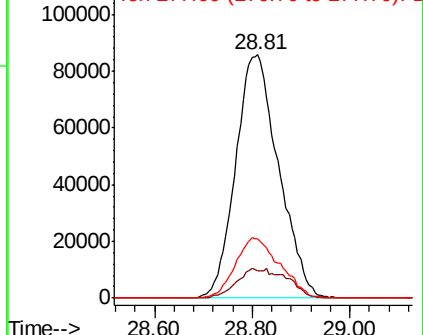
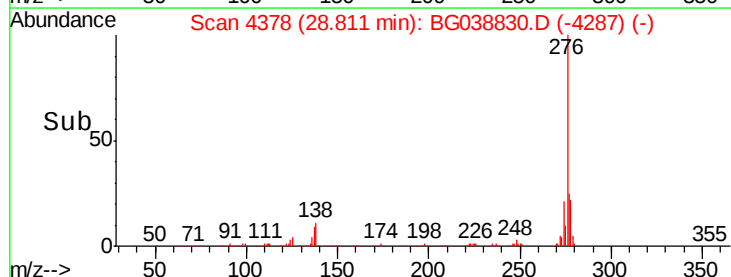
277 25.5 0.0 0.0#

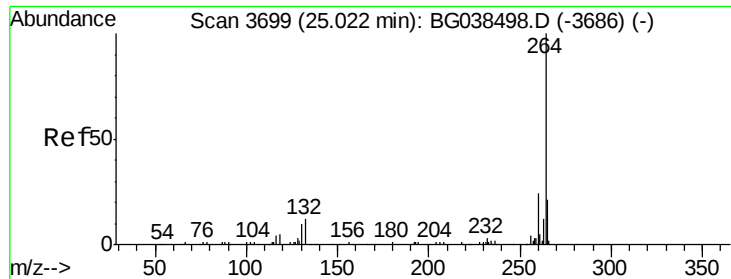


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

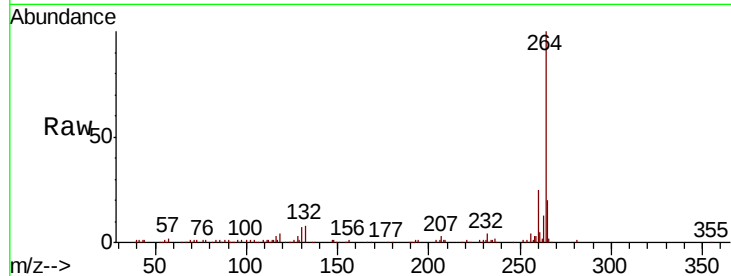
Tot Ion:264 Resp: 176202

Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

265 20.2 17.0 25.4

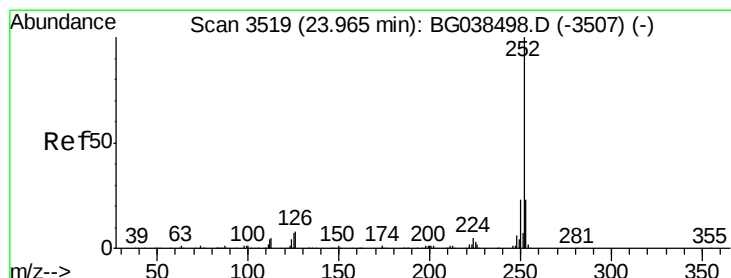
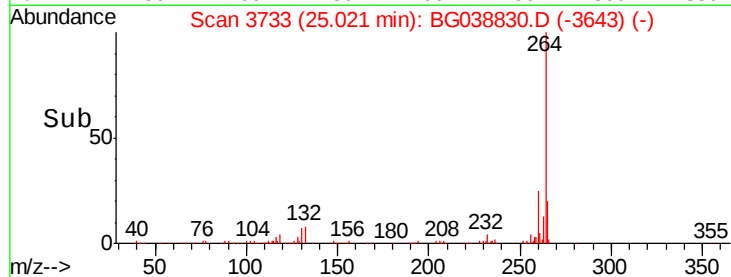
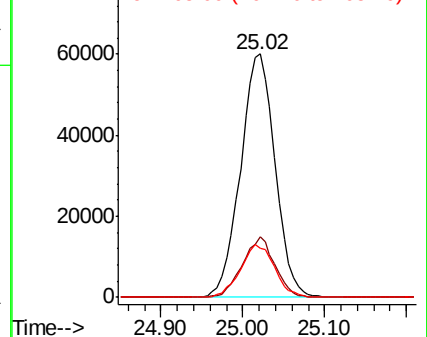


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.019 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

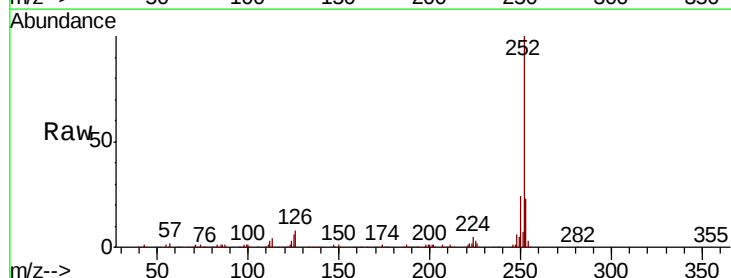
Tgt Ion:252 Resp: 454874

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

125 6.0 5.5 8.3

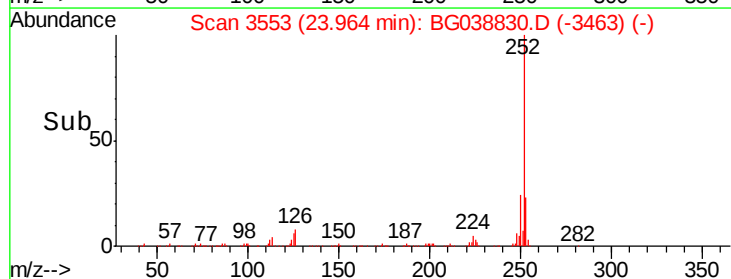
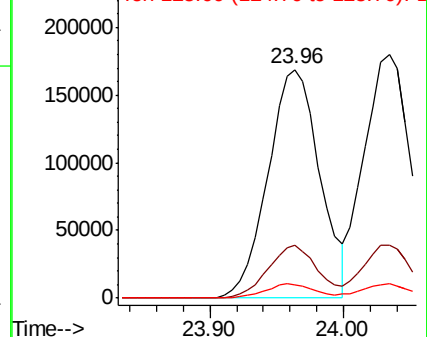


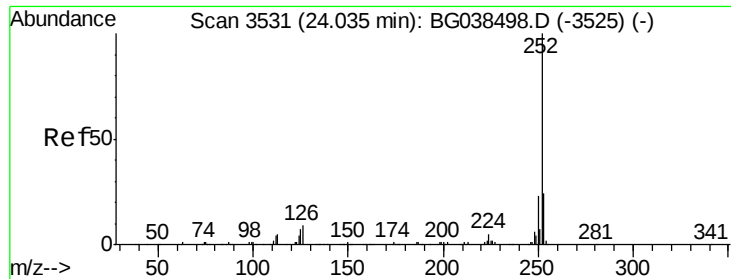
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

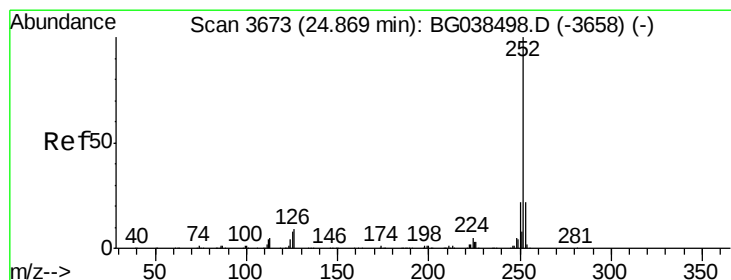
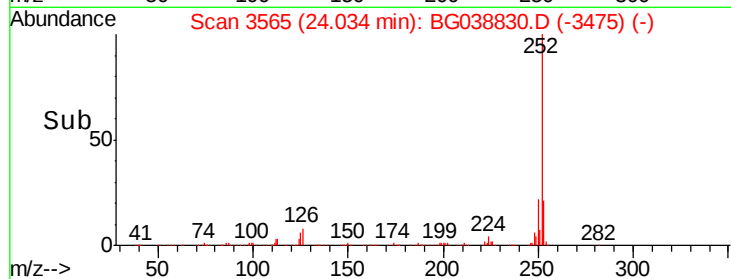
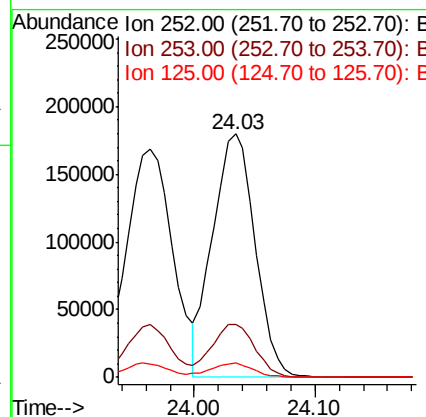
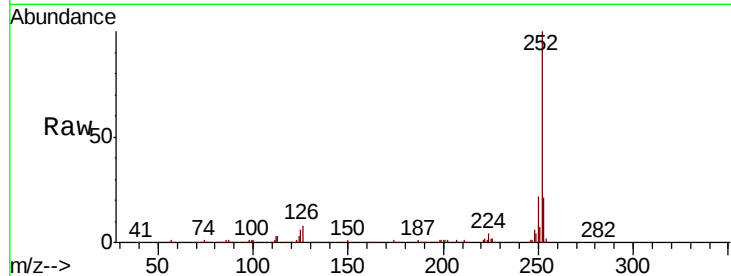




#89
Benzo(k)fluoranthene
Concen: 45.266 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

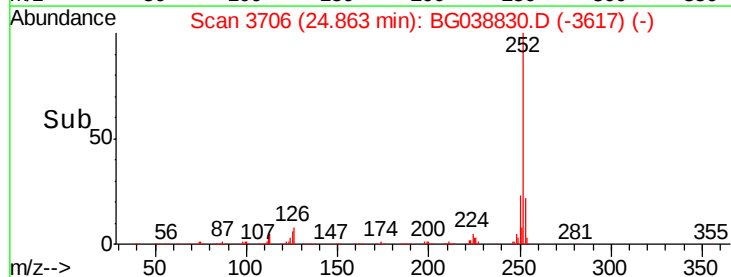
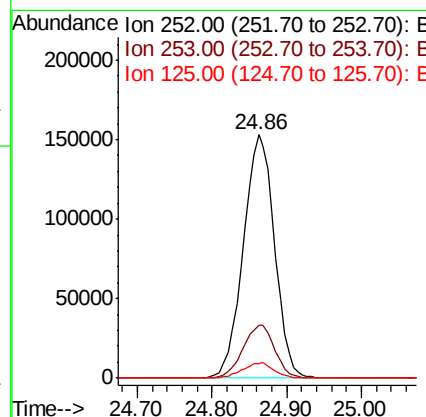
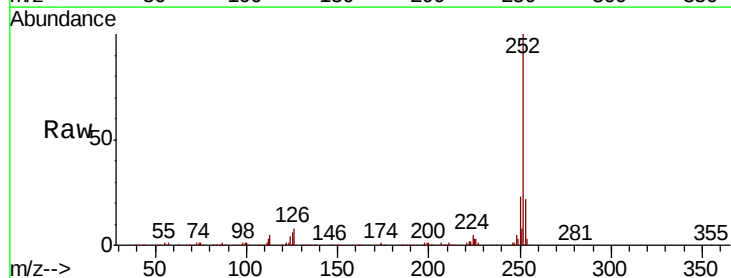
Instrument :
BNA_G
ClientSampleId :
PB115917BS

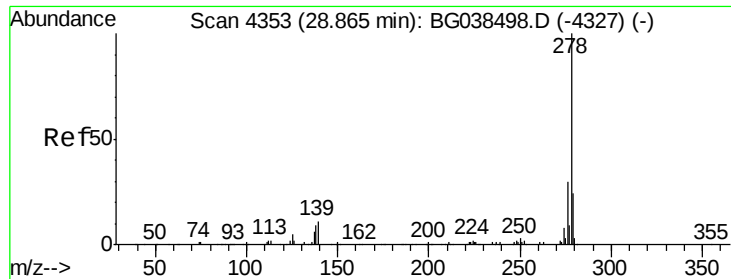
Tot Ion:252 Resp: 436070
Ion Ratio Lower Upper
252 100
253 21.5 18.9 28.3
125 5.8 5.4 8.2



#90
Benzo(a)pyrene
Concen: 47.368 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038830.D
Acq: 26 Dec 2018 14:57

Tgt Ion:252 Resp: 442093
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 6.2 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 46.841 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

Instrument :

BNA_G

ClientSampleId :

PB115917BS

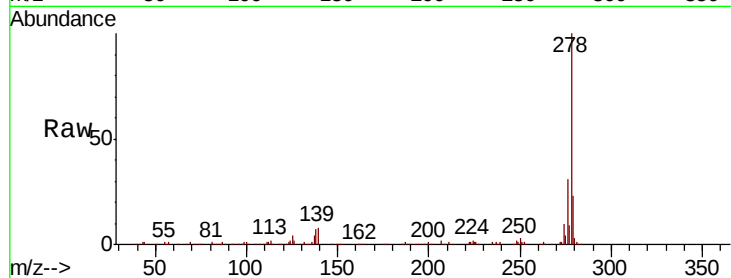
Tot Ion:278 Resp: 435285

Ion Ratio Lower Upper

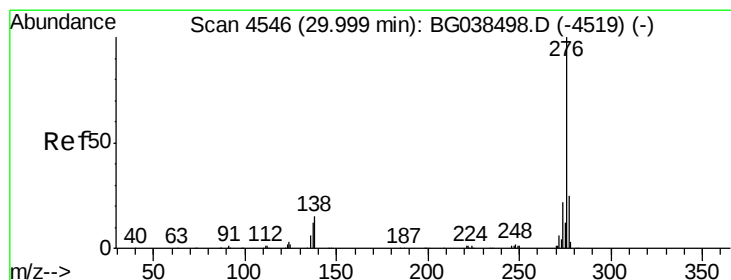
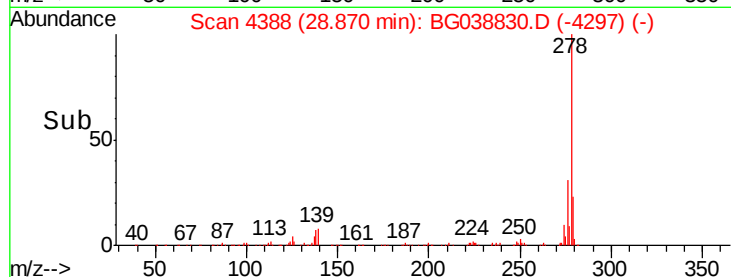
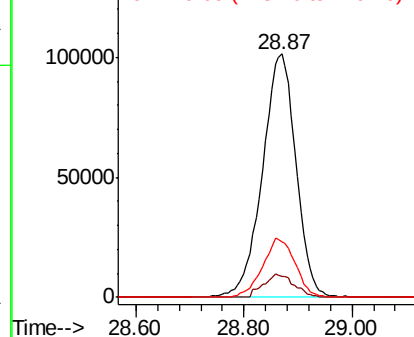
278 100

139 8.4 8.6 12.8#

279 22.9 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: 47.187 ng

RT: 30.00 min Scan# 4581

Delta R.T. 0.00 min

Lab File: BG038830.D

Acq: 26 Dec 2018 14:57

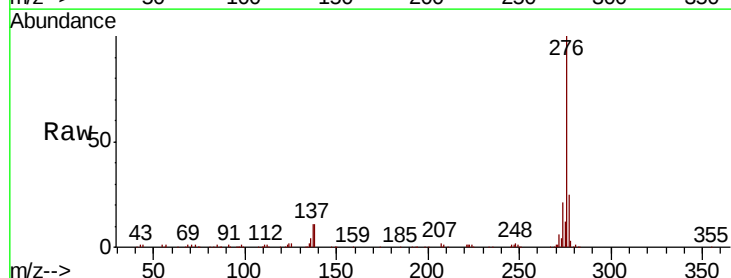
Tgt Ion:276 Resp: 432140

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 11.1 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

