

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038573.D
 Acq On : 14 Dec 2018 18:28
 Operator : JU/SJ
 Sample : PB115343BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

Quant Time: Dec 14 22:55:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22301	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	86228	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	55677	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	140410	20.00	ng	0.00
76) Chrysene-d12	21.72	240	145779	20.00	ng	0.00
87) Perylene-d12	25.01	264	158683	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	150325	119.56	ng	0.00
7) Phenol-d6	7.21	99	198472	114.98	ng	0.00
23) Nitrobenzene-d5	9.24	82	117139	69.40	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	89435	116.55	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	274474	67.63	ng	0.00
79) Terphenyl-d14	20.04	244	575293	85.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20005	34.186	ng	# 89
3) Pyridine	3.89	79	53759	33.367	ng	# 89
4) n-Nitrosodimethylamine	3.82	42	36816	46.636	ng	# 82
6) Aniline	7.39	93	72888	33.079	ng	98
8) 2-Chlorophenol	7.62	128	61822	42.488	ng	98
9) Benzaldehyde	7.20	77	21318	19.038	ng	95
10) Phenol	7.24	94	78724	42.929	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	52704	36.098	ng	98
12) 1,3-Dichlorobenzene	7.95	146	64283	37.365	ng	99
13) 1,4-Dichlorobenzene	8.09	146	65805	37.347	ng	99
14) 1,2-Dichlorobenzene	8.41	146	63481	38.216	ng	97
15) Benzyl Alcohol	8.30	79	55922	41.507	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	124130	37.115	ng	98
17) 2-Methylphenol	8.50	107	53338	43.413	ng	96
18) Hexachloroethane	9.14	117	24985	38.805	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	45607	37.620	ng	99
20) 3+4-Methylphenols	8.83	107	71573	42.181	ng	95
22) Acetophenone	8.89	105	89016	41.330	ng	# 97
24) Nitrobenzene	9.28	77	71527	41.890	ng	98
25) Isophorone	9.79	82	125927	41.525	ng	99
26) 2-Nitrophenol	9.99	139	34593	39.583	ng	95
27) 2,4-Dimethylphenol	10.04	122	62203	49.664	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	73520	42.959	ng	99
29) 2,4-Dichlorophenol	10.52	162	63951	45.897	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	66833	39.709	ng	95
31) Naphthalene	10.93	128	184586	43.447	ng	98
32) Benzoic acid	10.17	122	24333	34.274	ng	92
33) 4-Chloroaniline	11.04	127	42249	22.905	ng	96
34) Hexachlorobutadiene	11.19	225	43201	37.934	ng	97
35) Caprolactam	11.82	113	21800	37.806	ng	97
36) 4-Chloro-3-methylphenol	12.15	107	67174	42.246	ng	93
37) 2-Methylnaphthalene	12.53	142	137539	45.378	ng	98
38) 1-Methylnaphthalene	12.53	142	137539	46.763	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	80786	38.817	ng	98

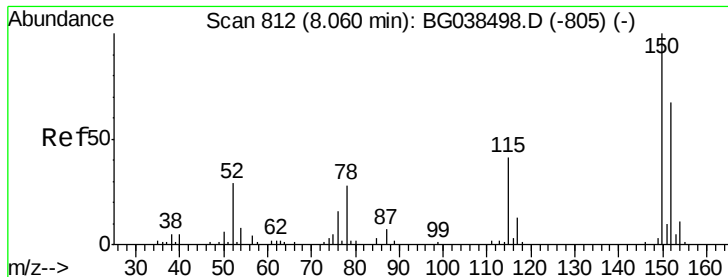
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038573.D
 Acq On : 14 Dec 2018 18:28
 Operator : JU/SJ
 Sample : PB115343BS
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Instrument :
 BNA_G
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Quant Time: Dec 14 22:55:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	107476	93.997	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	54581	42.653	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	60562	44.700	ng	98
46) 1,1'-Biphenyl	13.53	154	177506	38.030	ng	99
47) 2-Chloronaphthalene	13.58	162	144727	40.142	ng	97
48) 2-Nitroaniline	13.79	65	49003	42.670	ng	99
49) Acenaphthylene	14.42	152	236025	43.790	ng	99
50) Dimethylphthalate	14.15	163	190446	41.886	ng	99
51) 2,6-Dinitrotoluene	14.28	165	42816	41.554	ng	94
52) Acenaphthene	14.76	154	133927	41.554	ng	96
53) 3-Nitroaniline	14.62	138	32203	30.659	ng	94
54) 2,4-Dinitrophenol	14.82	184	44519	73.094	ng	98
55) Dibenzofuran	15.10	168	224147	40.572	ng	97
56) 4-Nitrophenol	14.91	139	66736	83.753	ng	95
57) 2,4-Dinitrotoluene	15.06	165	62661	43.178	ng	99
58) Fluorene	15.74	166	180625	44.128	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	54422	44.647	ng	98
60) Diethylphthalate	15.50	149	200799	40.229	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	100470	39.340	ng	97
62) 4-Nitroaniline	15.78	138	47678	44.091	ng	98
63) Azobenzene	16.02	77	170999	41.010	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	37438	37.378	ng	92
66) n-Nitrosodiphenylamine	15.95	169	165502	40.116	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	67439	39.327	ng	94
68) Hexachlorobenzene	16.74	284	69286	38.977	ng	95
69) Atrazine	16.89	200	68751	44.905	ng	96
70) Pentachlorophenol	17.09	266	76486	72.745	ng	97
71) Phenanthrene	17.49	178	321820	44.199	ng	99
72) Anthracene	17.58	178	327696	45.589	ng	99
73) Carbazole	17.85	167	297970	41.915	ng	98
74) Di-n-butylphthalate	18.38	149	362702	44.465	ng	98
75) Fluoranthene	19.49	202	405978	45.064	ng	98
77) Benzidine	19.68	184	201842	46.817	ng	99
78) Pyrene	19.86	202	405641	42.120	ng	99
80) Butylbenzylphthalate	20.73	149	161568	42.941	ng	96
81) Benzo(a)anthracene	21.70	228	391565	44.080	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	99009	28.103	ng	97
83) Chrysene	21.77	228	361653	42.268	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	223641	41.909	ng	99
85) Di-n-octyl phthalate	22.79	149	381007	42.633	ng	100
86) Indeno(1,2,3-cd)pyrene	28.81	276	437215	43.465	ng	# 98
88) Benzo(b)fluoranthene	23.96	252	388358	44.576	ng	99
89) Benzo(k)fluoranthene	24.03	252	366285	42.220	ng	98
90) Benzo(a)pyrene	24.86	252	372401	44.306	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	367004	43.854	ng	99
92) Benzo(g,h,i)perylene	29.99	276	359225	43.556	ng	96

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

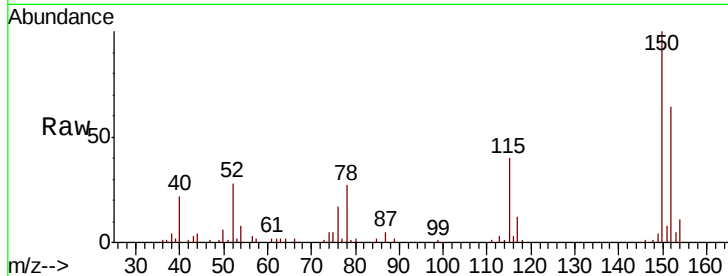


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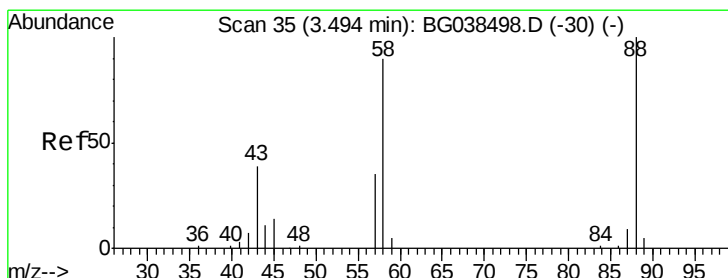
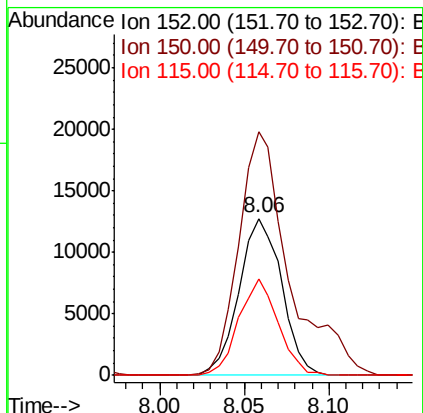
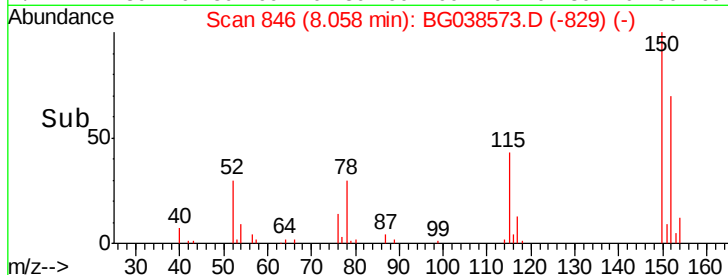
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:152 Resp: 22301
Ion Ratio Lower Upper
152 100
150 155.5 119.5 179.3
115 61.5 49.6 74.4



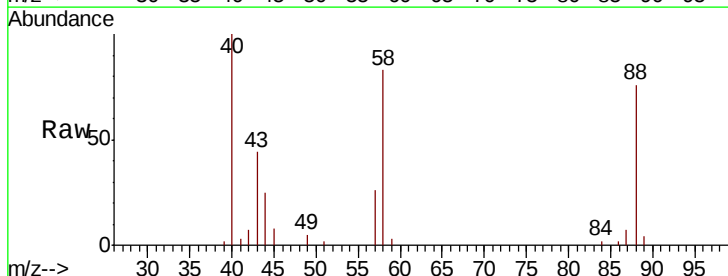
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



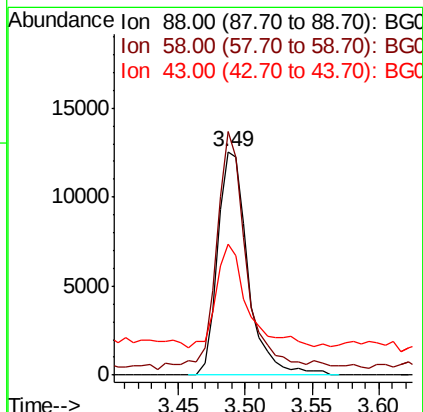
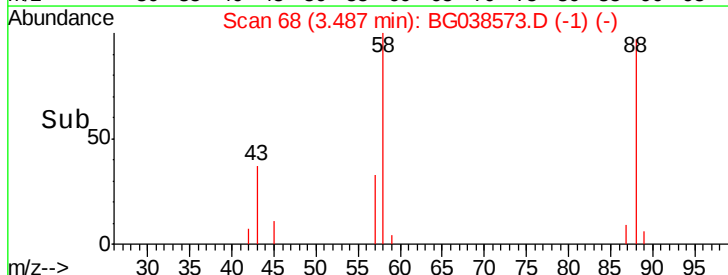
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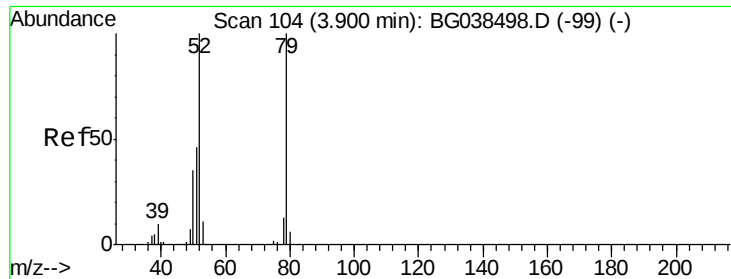
1,4-Dioxane
Concen: 34.186 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion: 88 Resp: 20005
Ion Ratio Lower Upper
88 100
58 104.4 75.7 113.5
43 47.9 31.6 47.4#



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





#3

Pyridine

Concen: 33.367 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

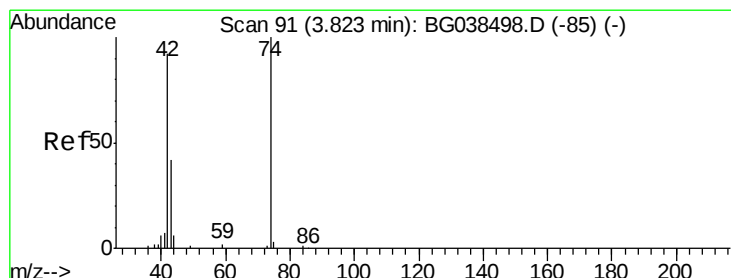
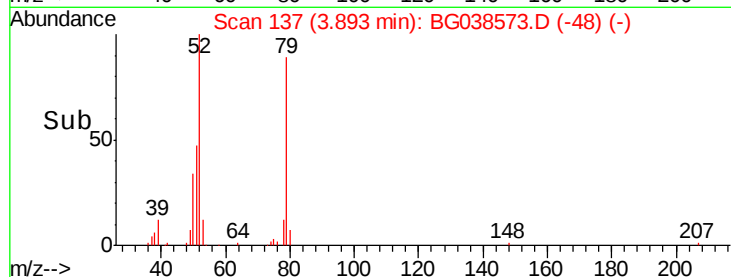
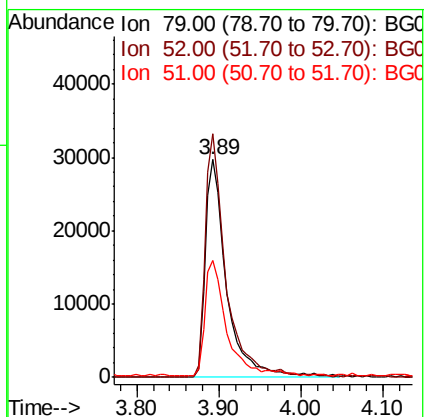
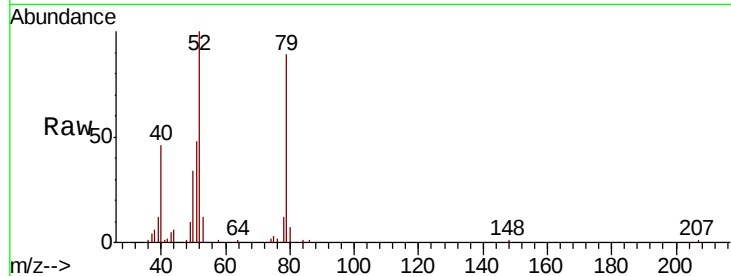
Tgt Ion: 79 Resp: 53759

Ion Ratio Lower Upper

79 100

52 111.9 80.2 120.2

51 53.8 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 46.636 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

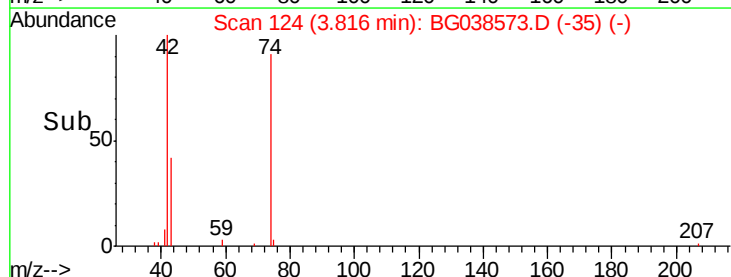
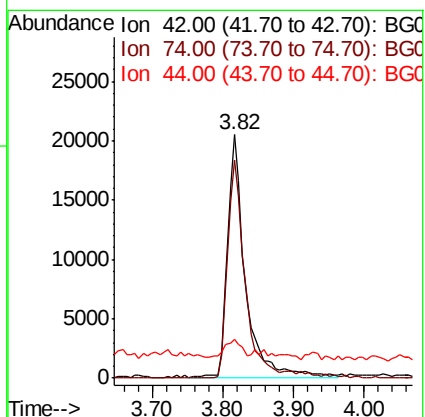
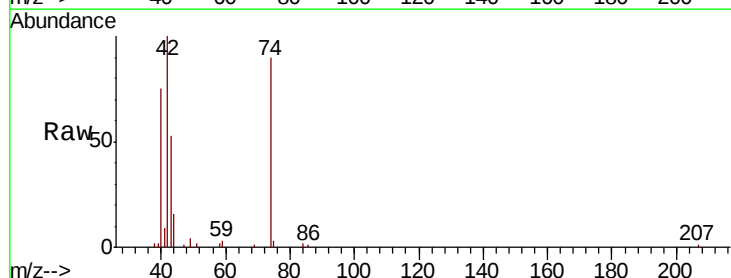
Tgt Ion: 42 Resp: 36816

Ion Ratio Lower Upper

42 100

74 89.7 86.7 130.1

44 16.0 7.8 11.8#

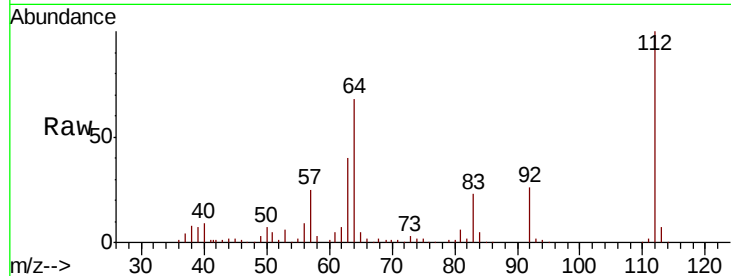




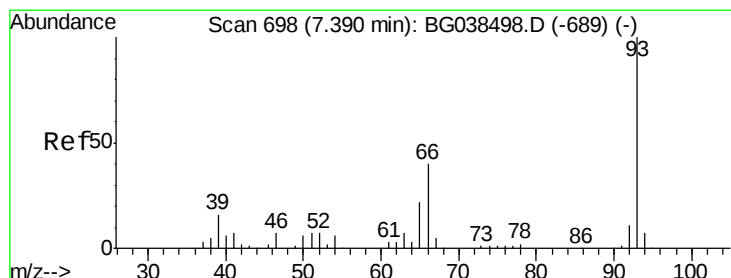
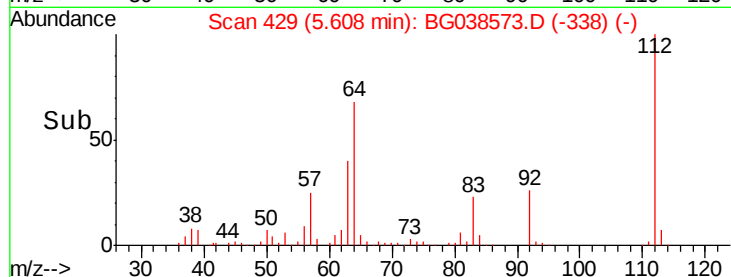
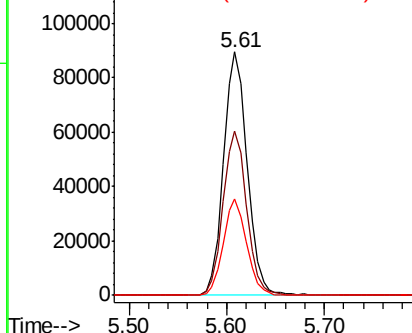
#5
 2-Fluorophenol
 Concen: 119.557 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

Tgt Ion: 112 Resp: 150325
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.4 80.2
 63 39.8 29.3 43.9

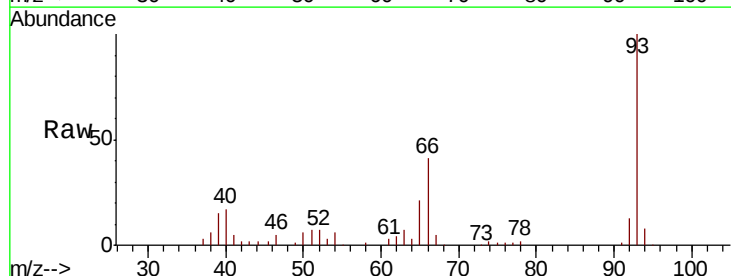


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

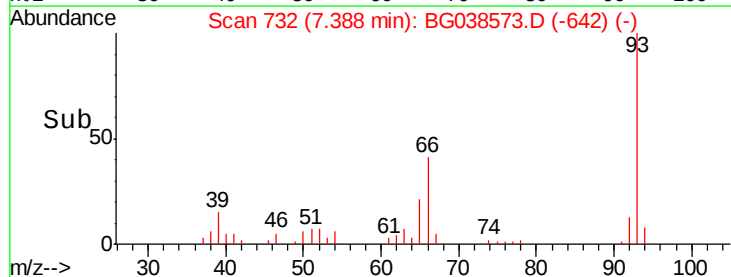
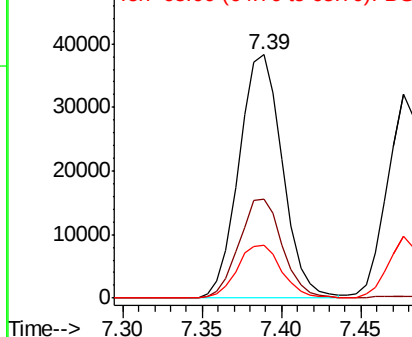


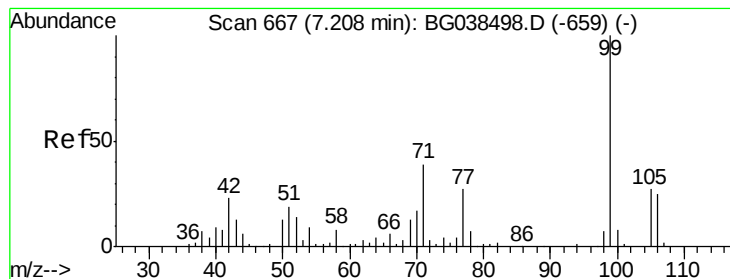
#6
 Aniline
 Concen: 33.079 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion: 93 Resp: 72888
 Ion Ratio Lower Upper
 93 100
 66 40.7 31.7 47.5
 65 21.5 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: 114.983 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

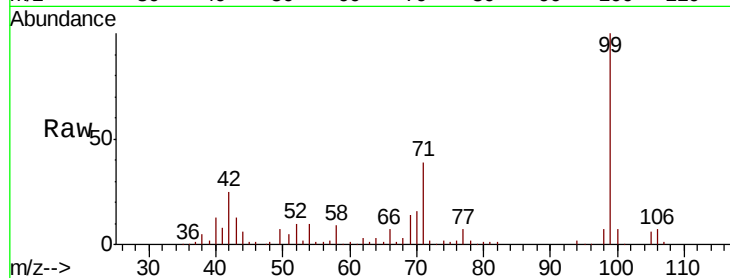
Tgt Ion: 99 Resp: 198472

Ion Ratio Lower Upper

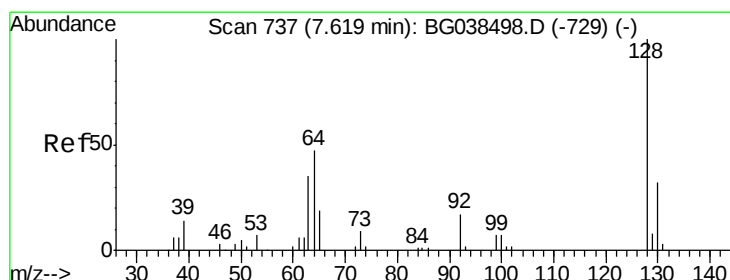
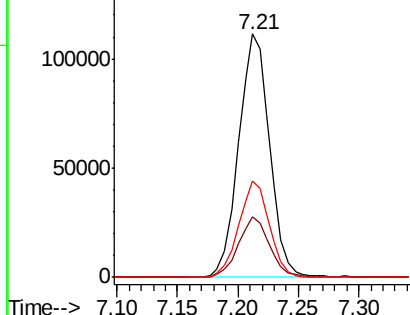
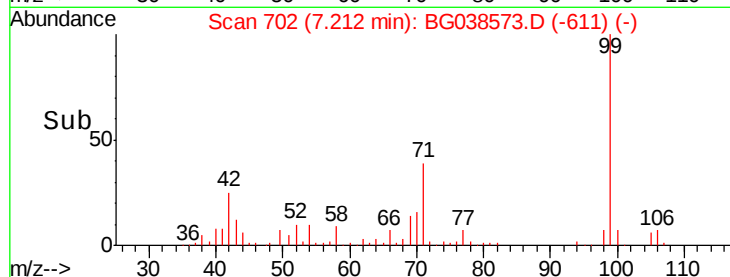
99 100

42 24.6 18.5 27.7

71 39.4 31.1 46.7



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



#8

2-Chlorophenol

Concen: 42.488 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

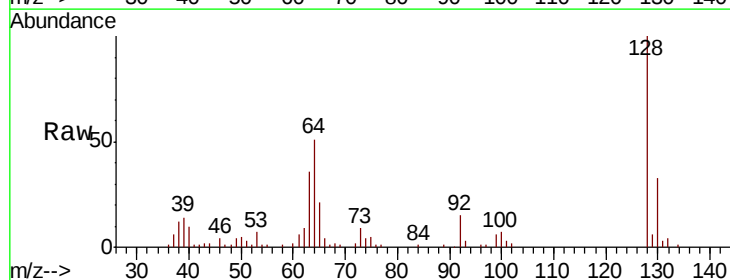
Tgt Ion: 128 Resp: 61822

Ion Ratio Lower Upper

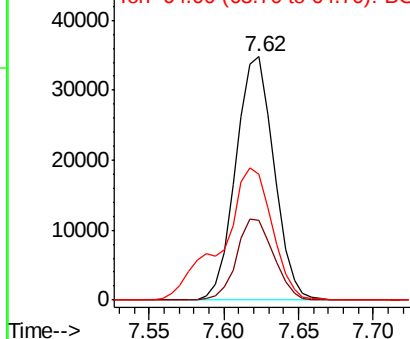
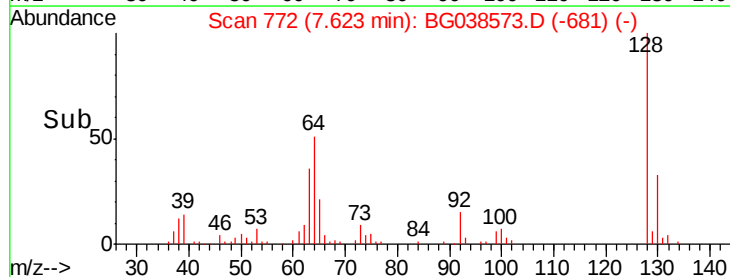
128 100

130 32.6 11.8 51.8

64 51.5 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: 19.038 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

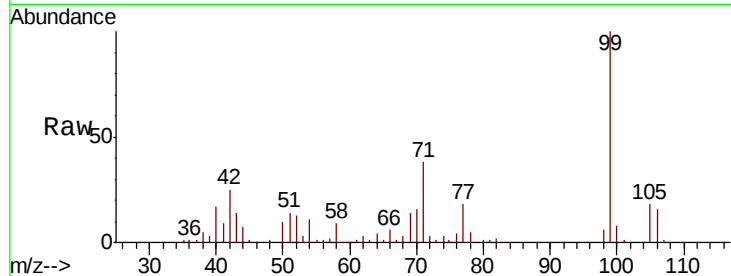
Tgt Ion: 77 Resp: 21318

Ion Ratio Lower Upper

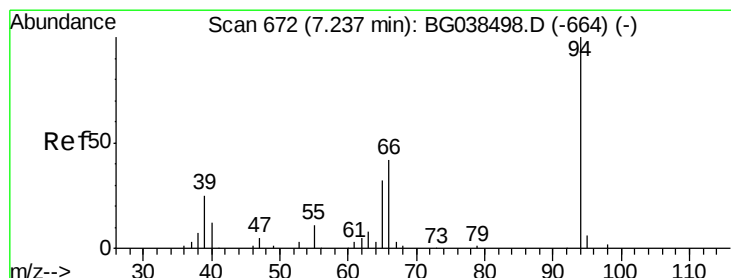
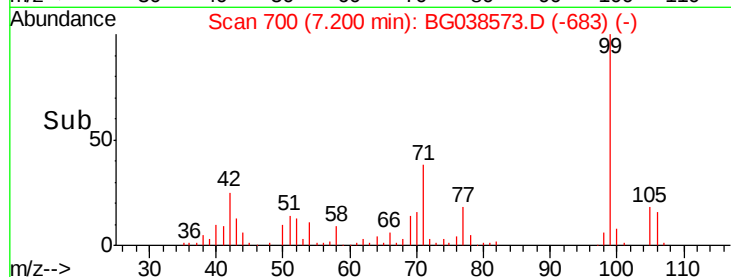
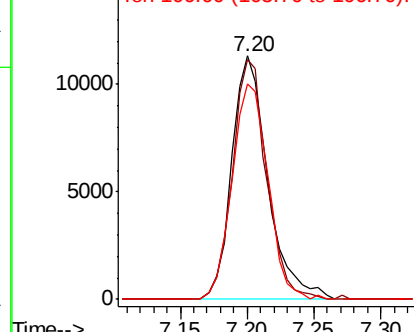
77 100

105 98.7 74.0 114.0

106 88.4 73.9 113.9



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



#10

Phenol

Concen: 42.929 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

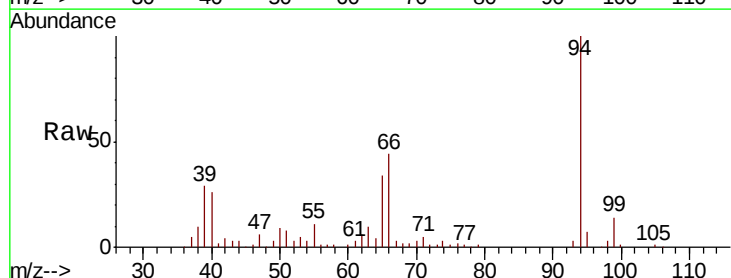
Tgt Ion: 94 Resp: 78724

Ion Ratio Lower Upper

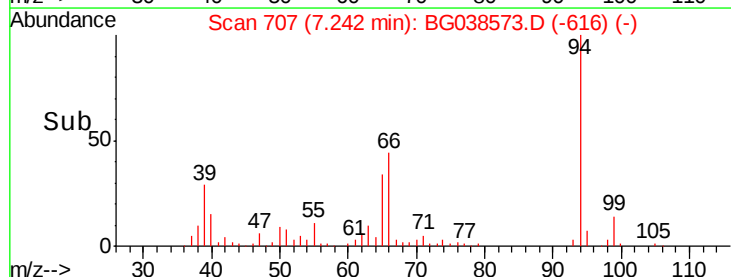
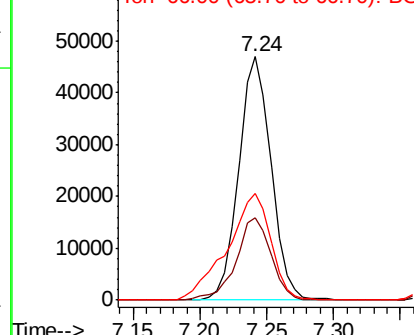
94 100

65 33.9 12.6 52.6

66 43.9 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

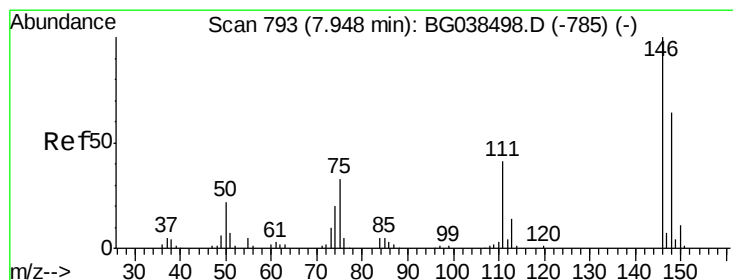
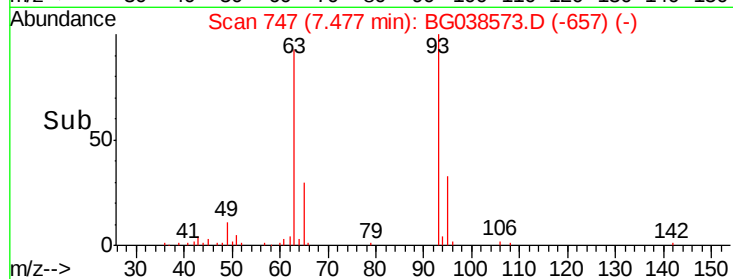
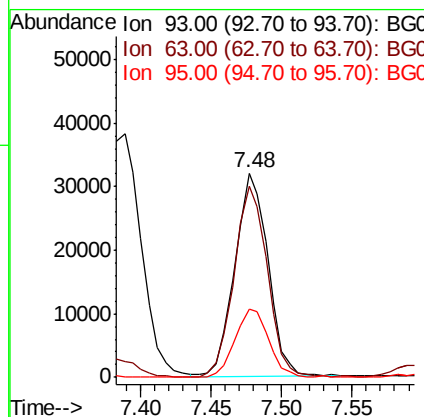
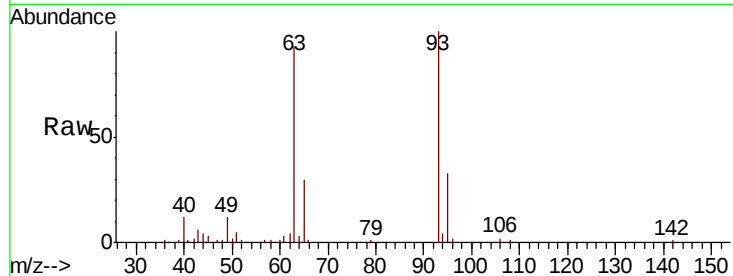




#11
 bis(2-Chloroethyl)ether
 Concen: 36.098 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

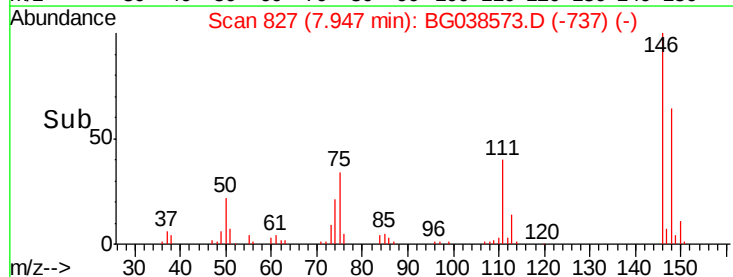
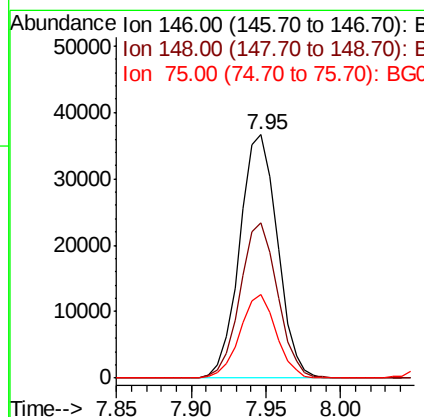
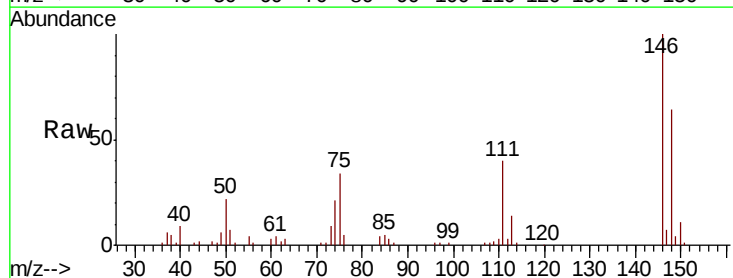
Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

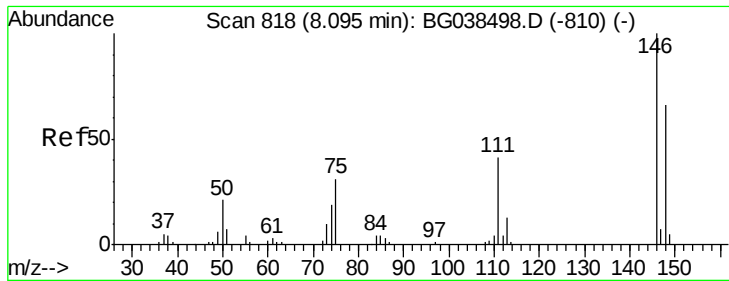
Tgt Ion:	93	Resp:	52704
Ion	Ratio	Lower	Upper
93	100		
63	93.4	72.2	112.2
95	33.4	11.2	51.2



#12
 1,3-Dichlorobenzene
 Concen: 37.365 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion:	146	Resp:	64283
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	34.2	26.1	39.1

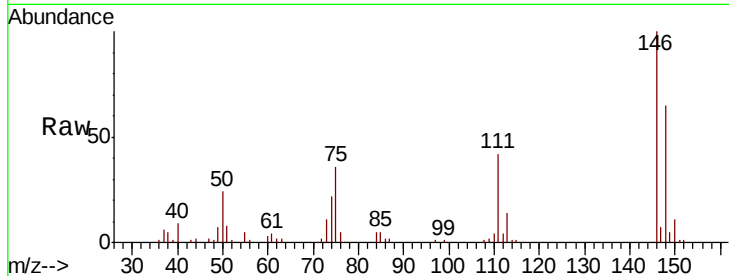




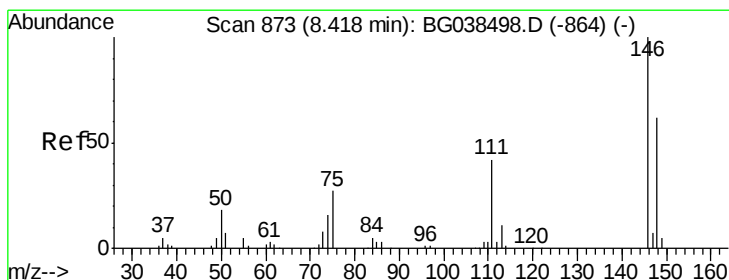
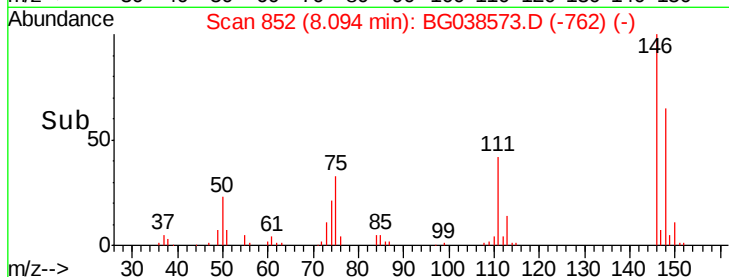
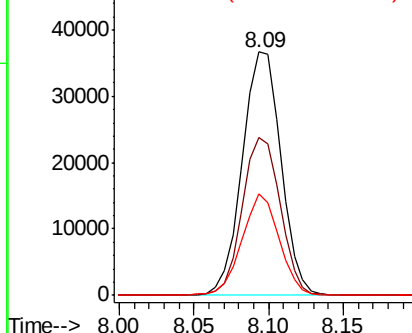
#13
 1,4-Dichlorobenzene
 Concen: 37.347 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

Tgt Ion:146 Resp: 65805
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.4 78.6
 111 41.7 33.0 49.4

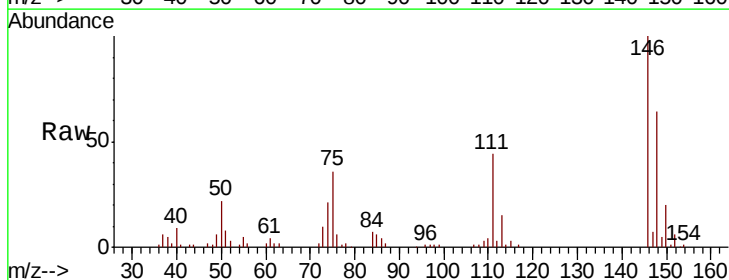


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

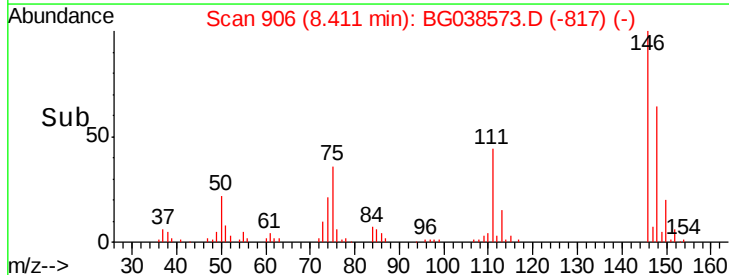
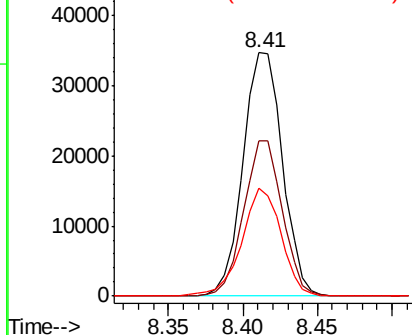


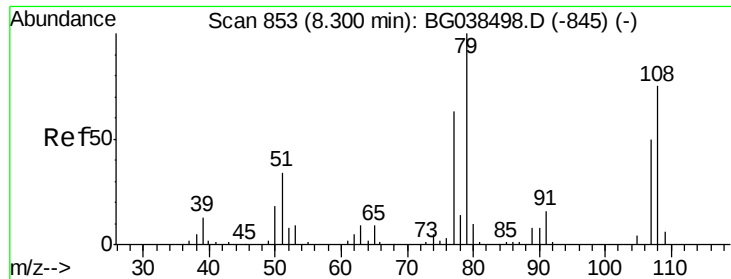
#14
 1,2-Dichlorobenzene
 Concen: 38.216 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion:146 Resp: 63481
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.4 74.0
 111 44.1 33.8 50.6



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

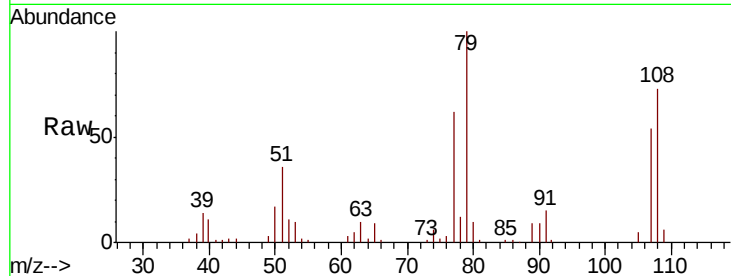




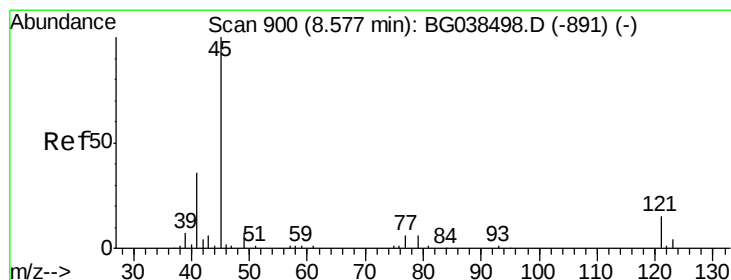
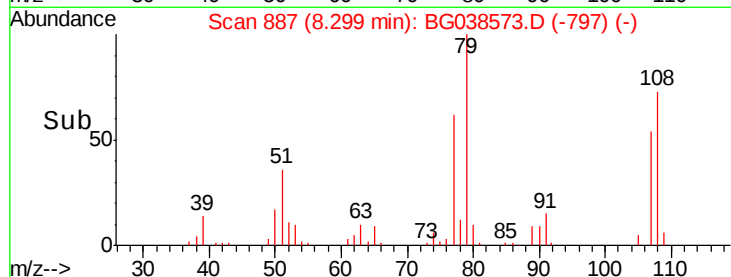
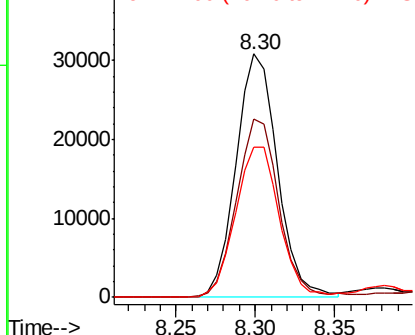
#15
Benzyl Alcohol
Concen: 41.507 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion: 79 Resp: 55922
Ion Ratio Lower Upper
79 100
108 73.4 60.2 90.4
77 61.7 50.7 76.1

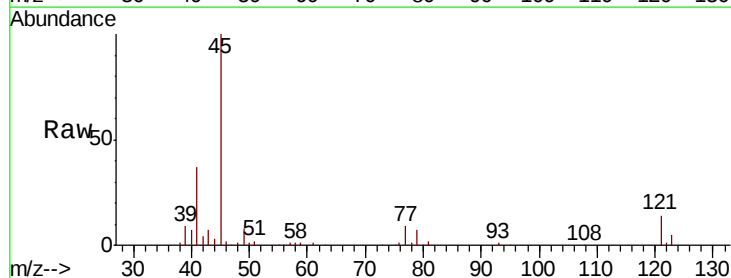


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

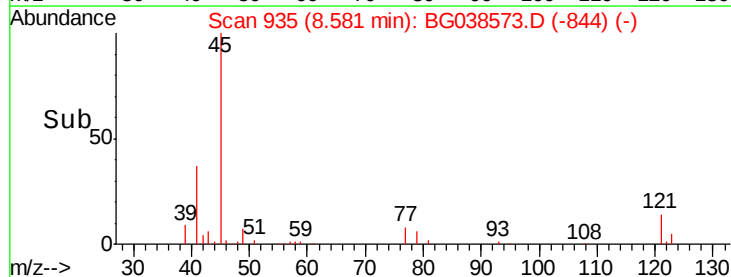
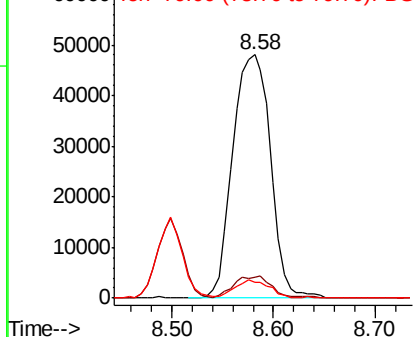


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.115 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion: 45 Resp: 124130
Ion Ratio Lower Upper
45 100
77 8.6 0.0 28.2
79 6.5 0.0 27.2



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

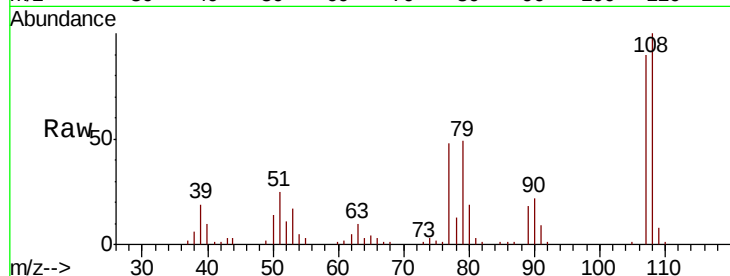




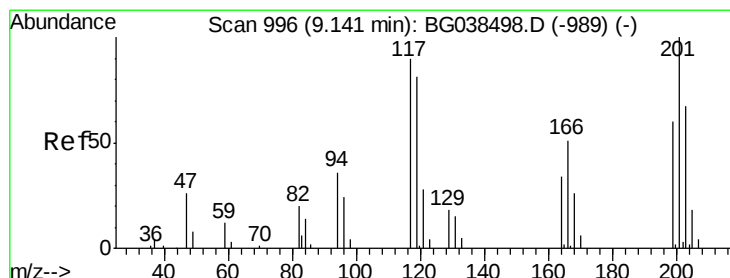
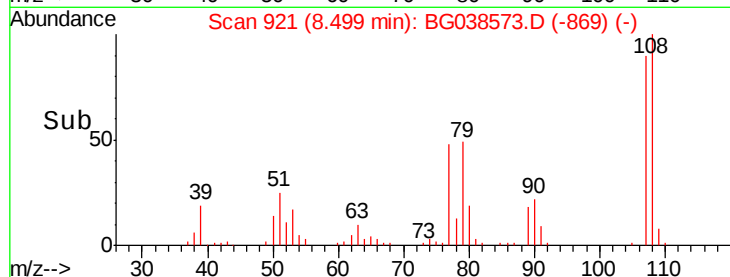
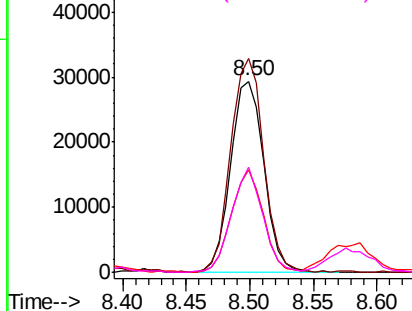
#17
2-Methylphenol
Concen: 43.413 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:107 Resp: 53338
Ion Ratio Lower Upper
107 100
108 111.7 87.1 130.7
77 53.4 42.0 63.0
79 54.9 38.2 57.2

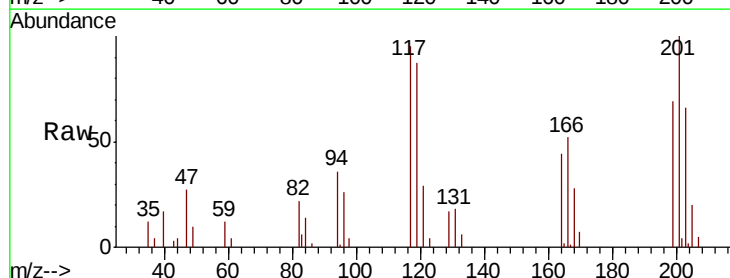


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

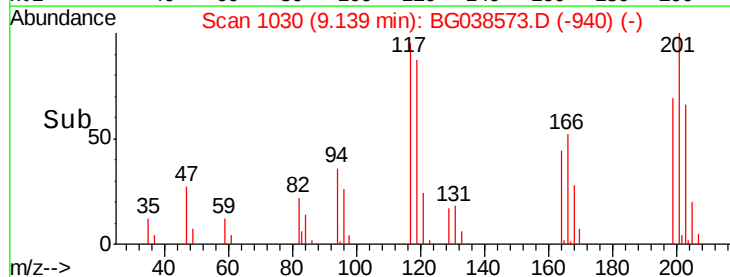
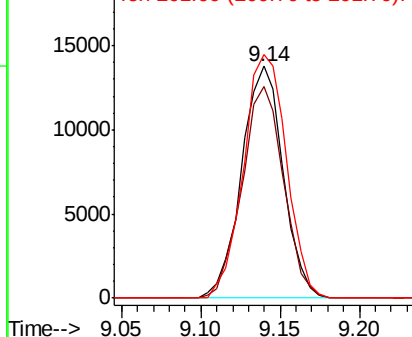


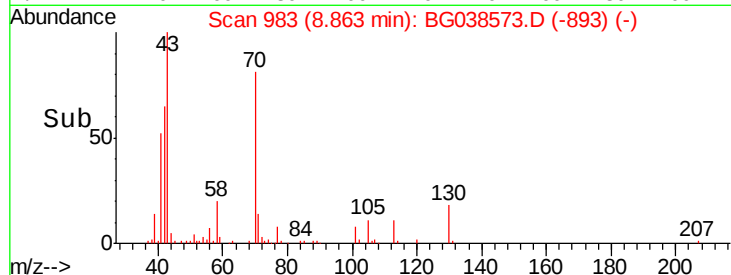
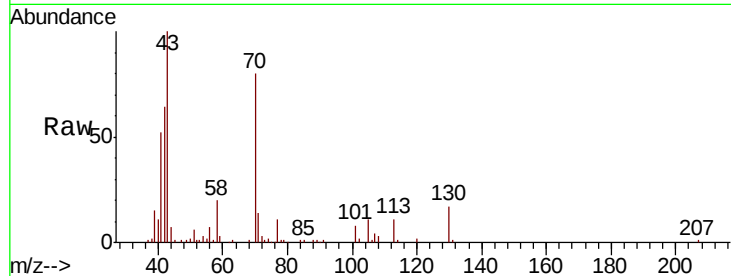
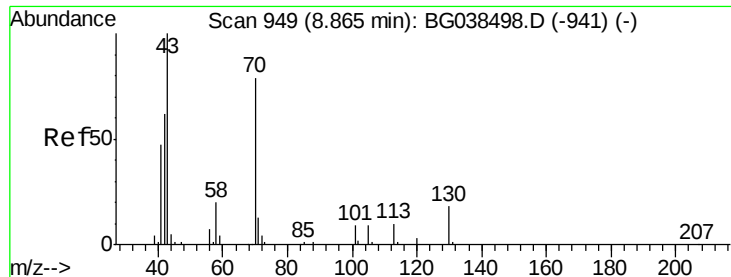
#18
Hexachloroethane
Concen: 38.805 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:117 Resp: 24985
Ion Ratio Lower Upper
117 100
119 91.2 73.8 110.8
201 109.2 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

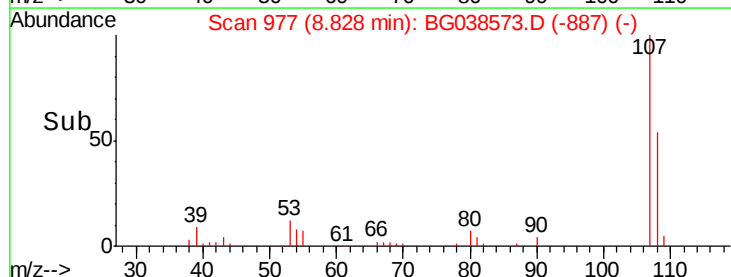
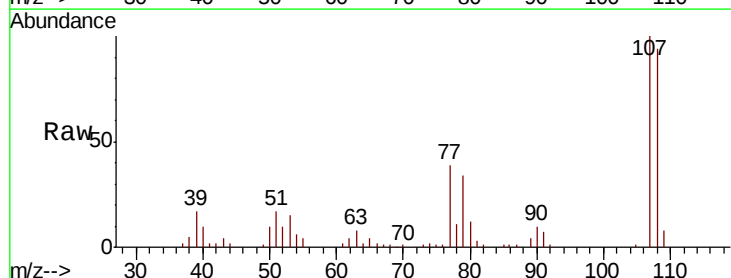
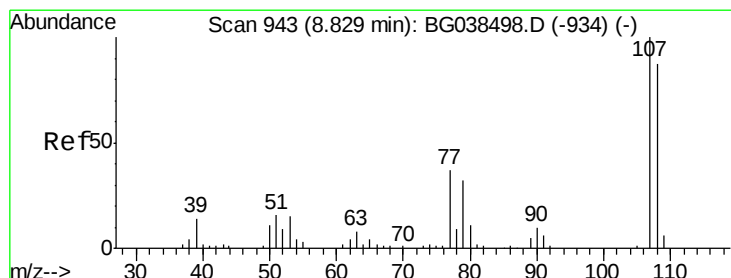
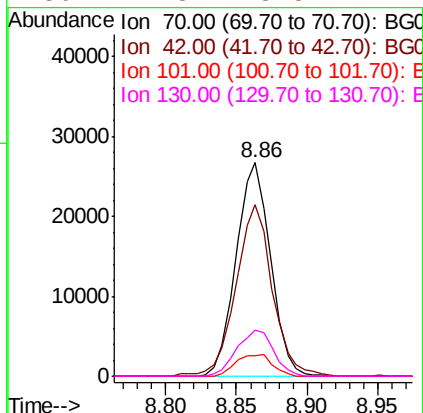




#19
n-Nitroso-di-n-propylamine
Concen: 37.620 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

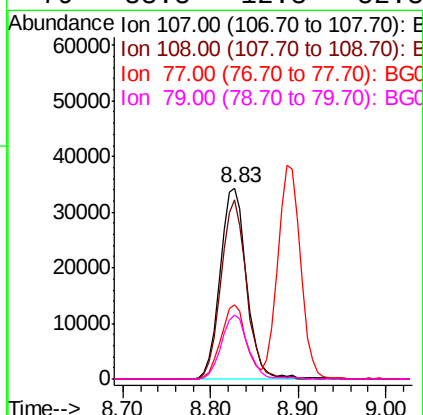
Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:	70	Resp:	45607
Ion	Ratio	Lower	Upper
70	100		
42	80.1	63.6	95.4
101	9.8	9.2	13.8
130	21.8	18.5	27.7



#20
3+4-Methylphenols
Concen: 42.181 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:	107	Resp:	71573
Ion	Ratio	Lower	Upper
107	100		
108	93.9	66.7	106.7
77	38.8	17.3	57.3
79	33.8	12.3	52.3

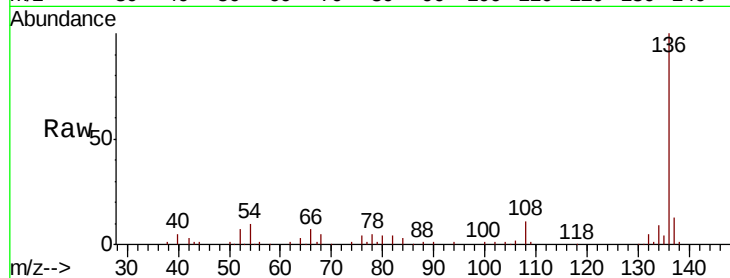




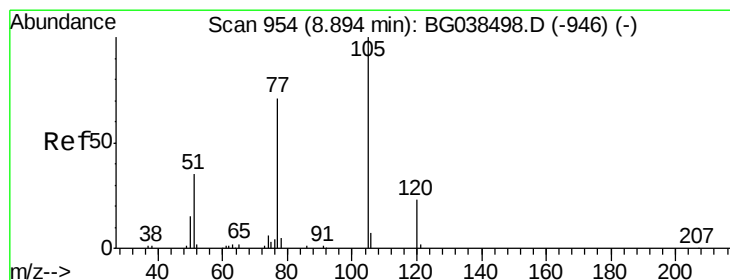
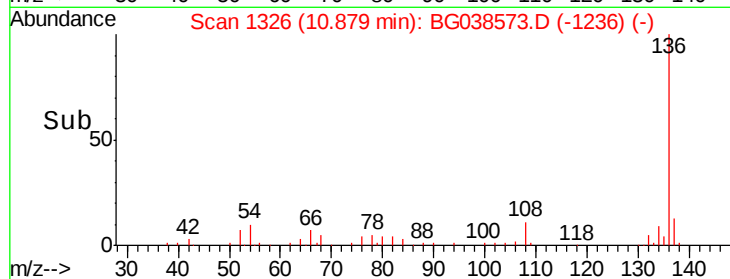
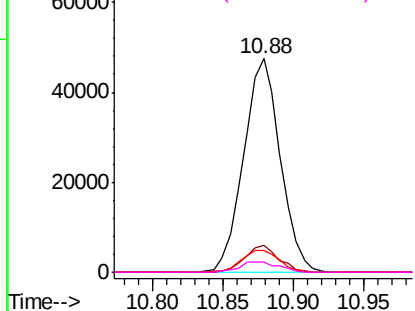
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:	136	Resp:	86228
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.3	13.9
54	10.4	8.5	12.7
68	5.1	3.5	5.3

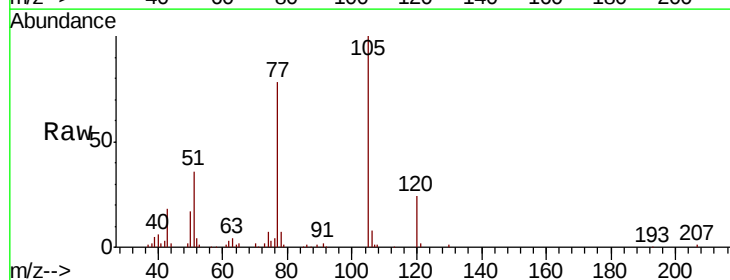


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

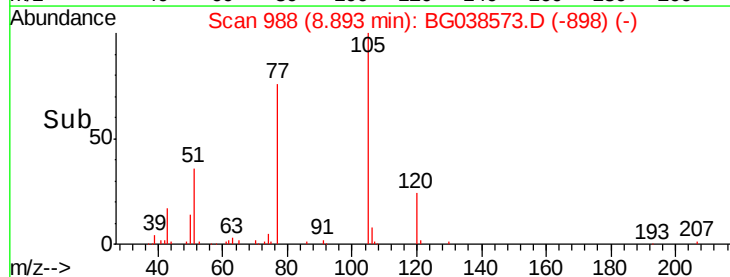
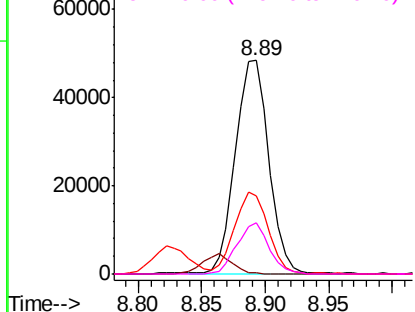


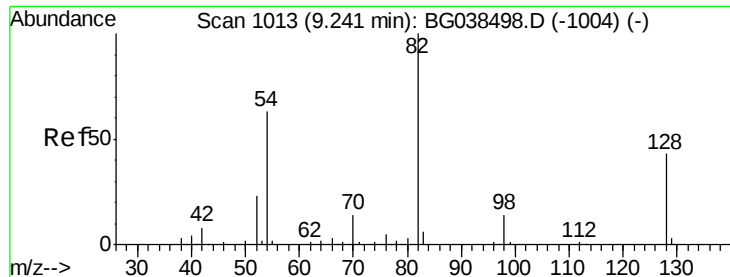
#22
Acetophenone
Concen: 41.330 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:	105	Resp:	89016
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	36.3	30.6	46.0
120	24.1	18.6	28.0



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

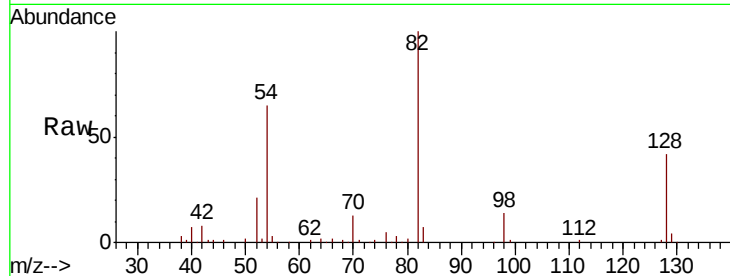




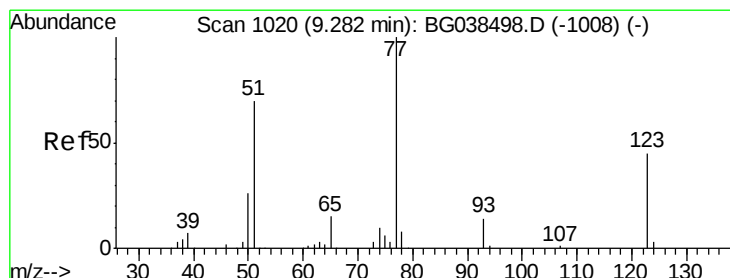
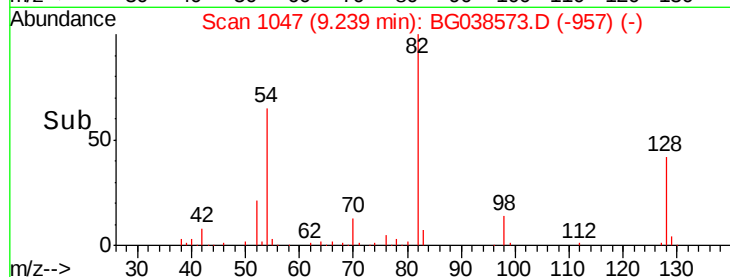
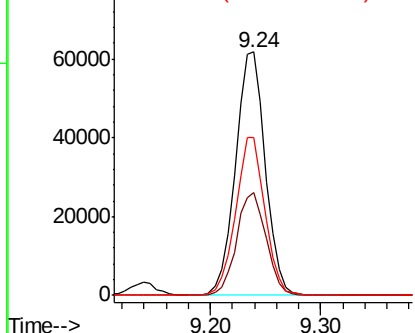
#23
Nitrobenzene-d5
Concen: 69.401 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion: 82 Resp: 117139
Ion Ratio Lower Upper
82 100
128 42.4 34.6 52.0
54 64.7 50.6 76.0

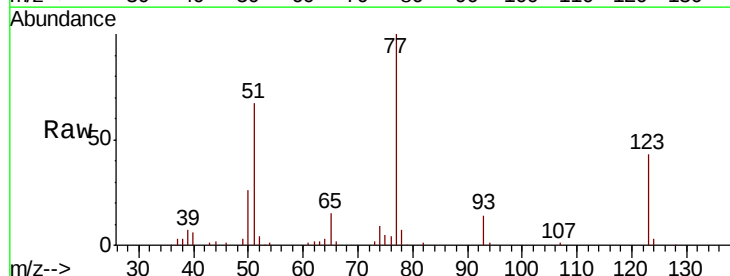


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

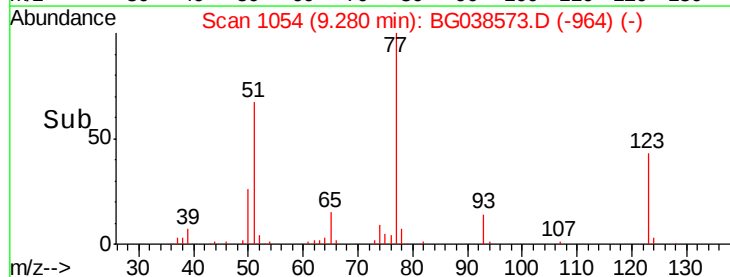
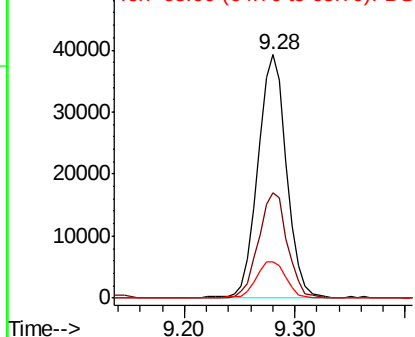


#24
Nitrobenzene
Concen: 41.890 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion: 77 Resp: 71527
Ion Ratio Lower Upper
77 100
123 43.3 35.9 53.9
65 14.8 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

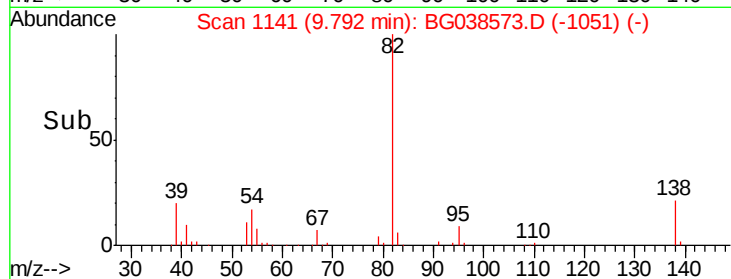
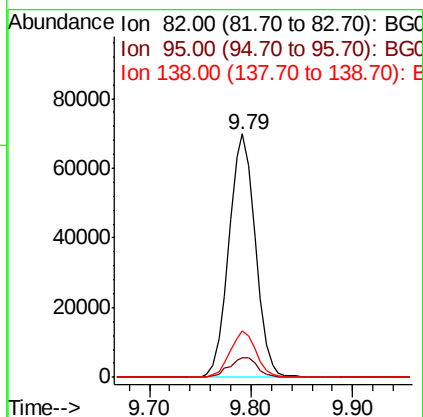
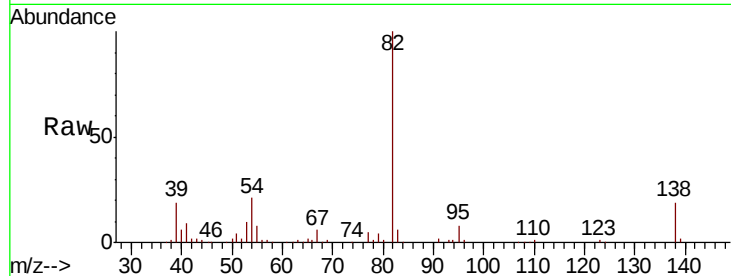




#25
Isophorone
Concen: 41.525 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

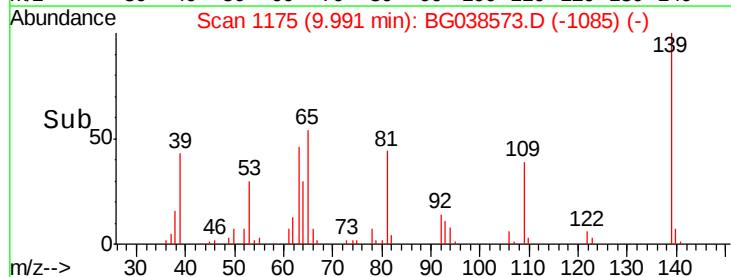
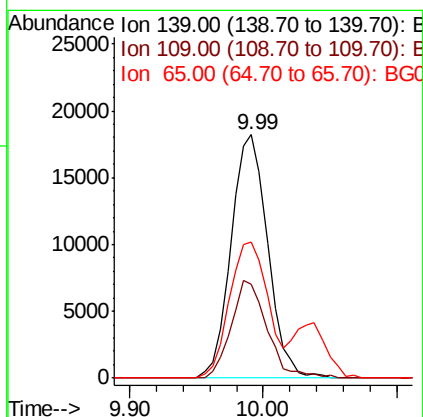
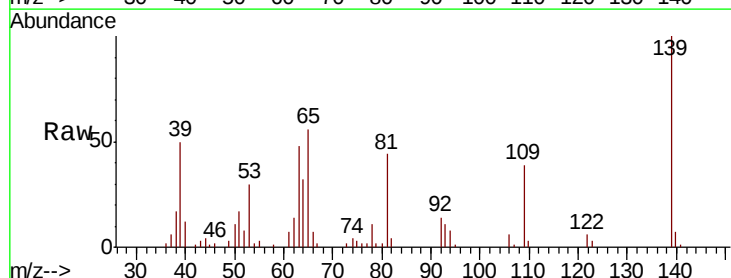
Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion: 82 Resp: 125927
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 19.1 14.9 22.3



#26
2-Nitrophenol
Concen: 39.583 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion: 139 Resp: 34593
Ion Ratio Lower Upper
139 100
109 38.8 29.5 44.3
65 55.7 48.5 72.7

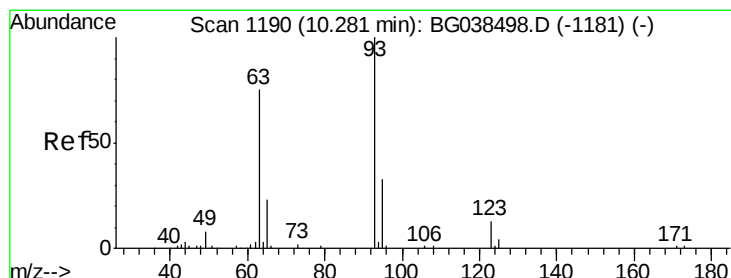
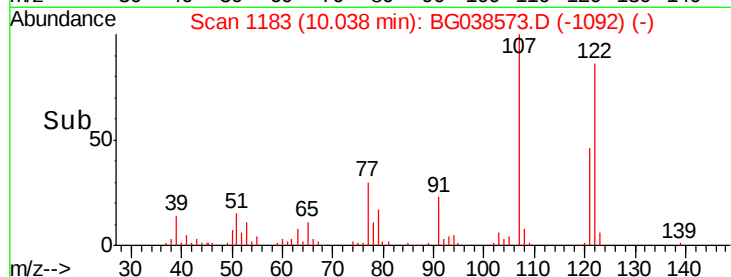
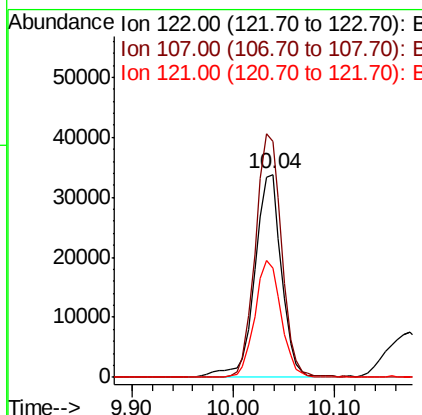
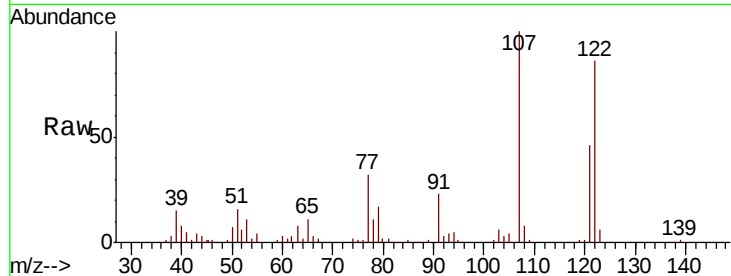




#27
 2,4-Dimethylphenol
 Concen: 49.664 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

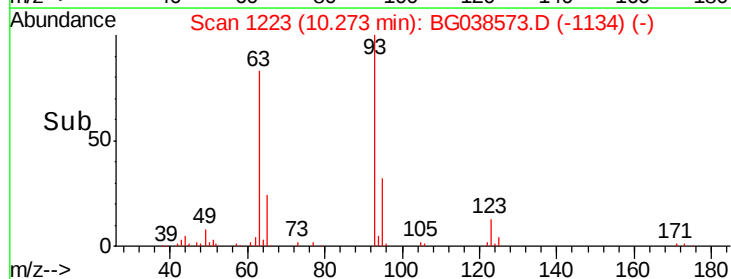
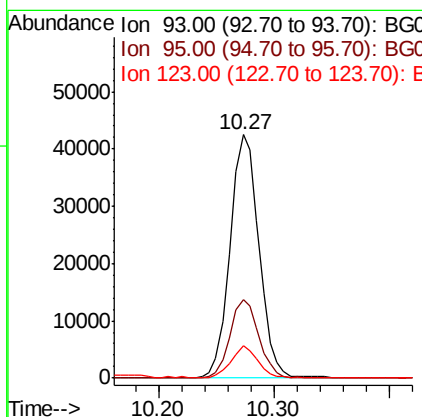
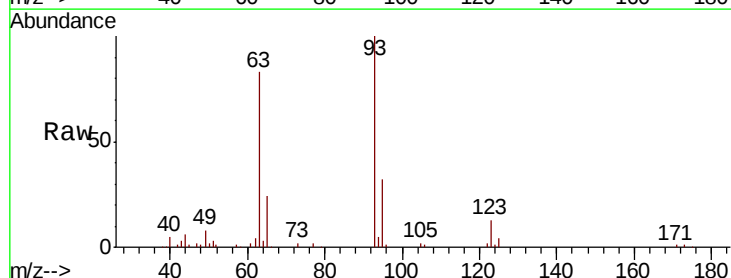
Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

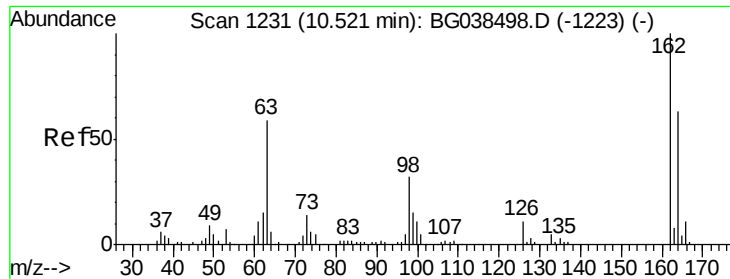
Tgt Ion: 122 Resp: 62203
 Ion Ratio Lower Upper
 122 100
 107 116.7 98.4 147.6
 121 54.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.959 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion: 93 Resp: 73520
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.6 40.0
 123 13.4 10.6 16.0

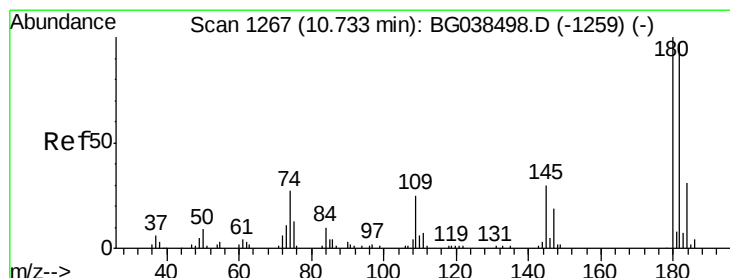
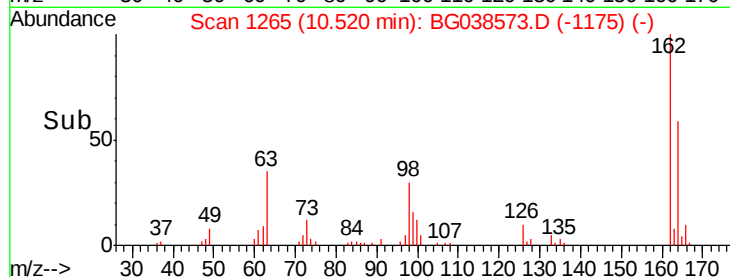
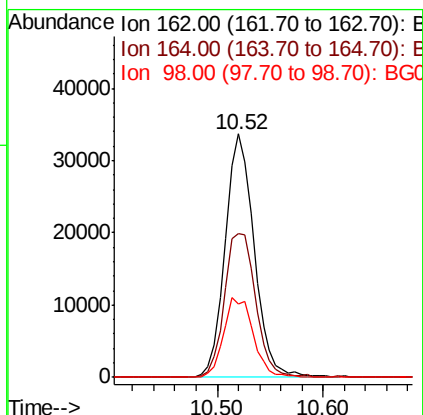
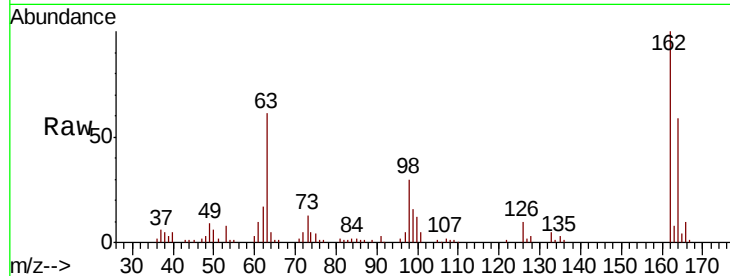




#29
2,4-Dichlorophenol
Concen: 45.897 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

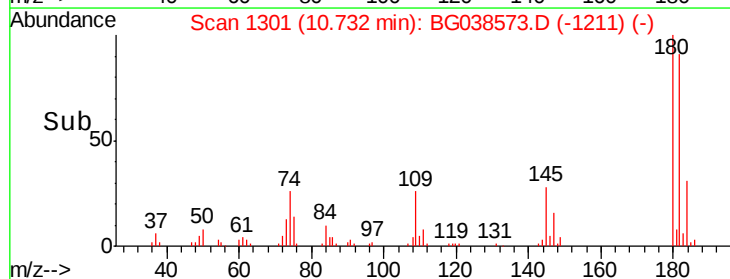
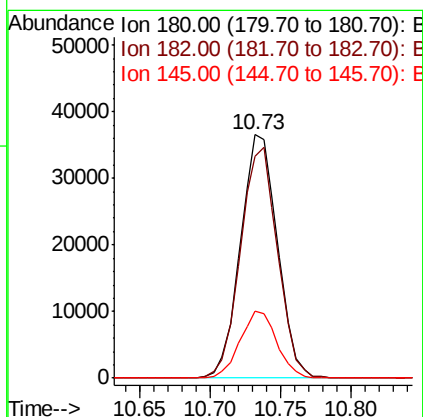
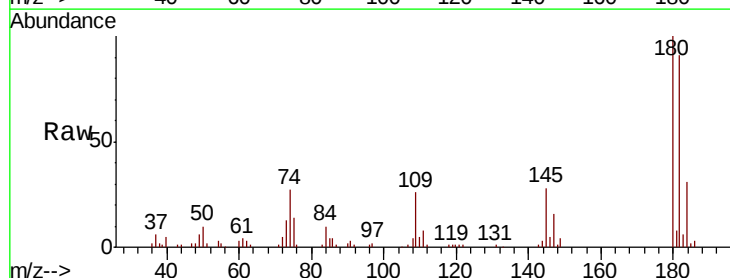
Instrument :
BNA_G
ClientSampleId :
PB115343BS

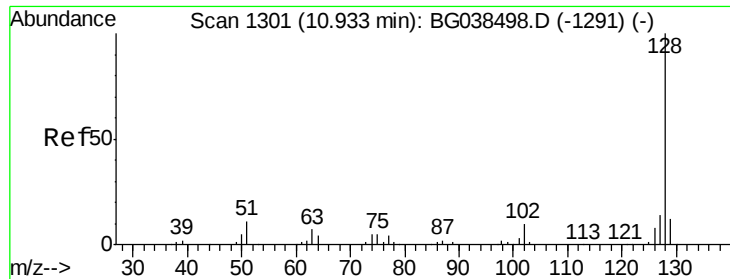
Tgt Ion:162 Resp: 63951
Ion Ratio Lower Upper
162 100
164 59.0 42.9 82.9
98 30.3 12.1 52.1



#30
1,2,4-Trichlorobenzene
Concen: 39.709 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:180 Resp: 66833
Ion Ratio Lower Upper
180 100
182 91.2 77.4 116.0
145 27.7 24.1 36.1

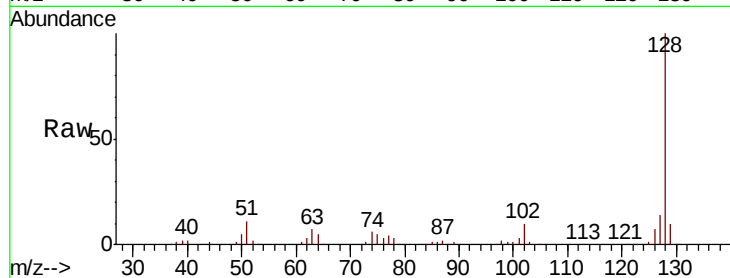




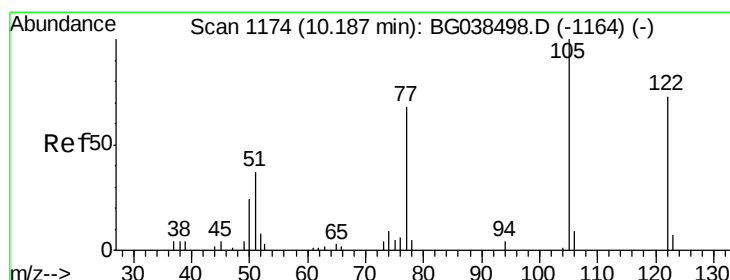
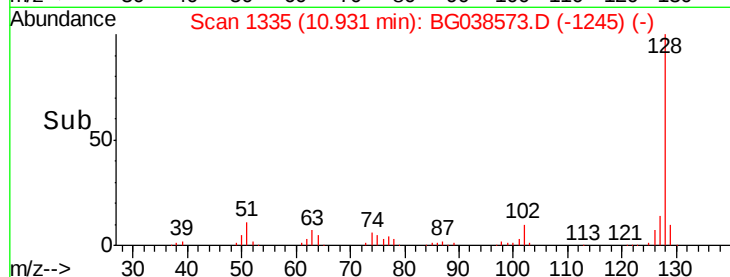
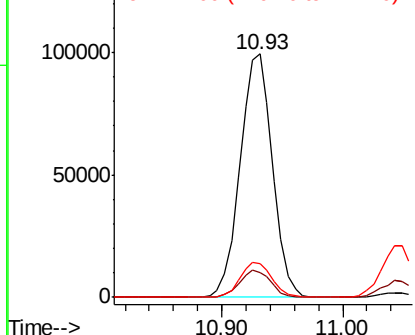
#31
Naphthalene
Concen: 43.447 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:128 Resp: 184586
Ion Ratio Lower Upper
128 100
129 10.4 9.5 14.3
127 14.0 10.9 16.3

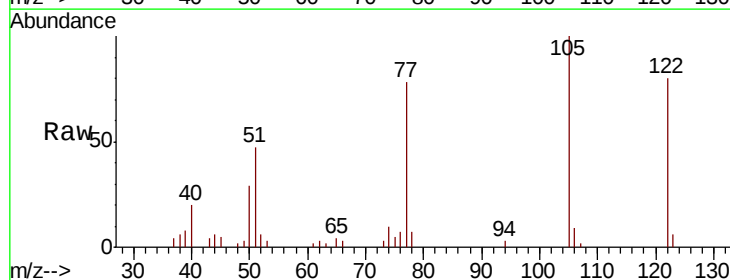


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

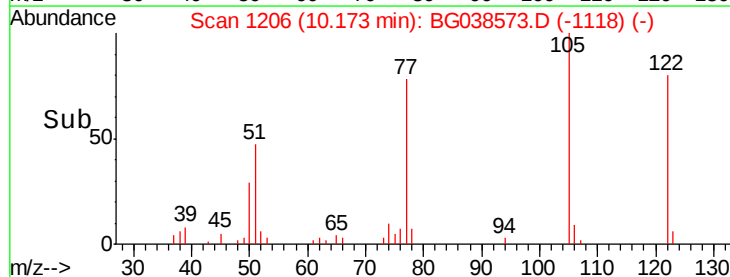
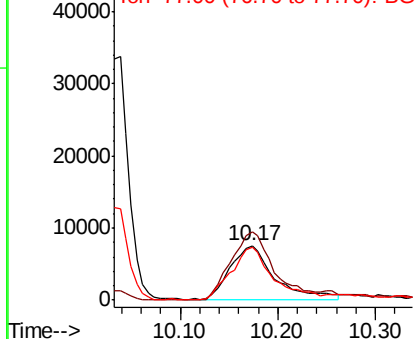


#32
Benzoic acid
Concen: 34.274 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:122 Resp: 24333
Ion Ratio Lower Upper
122 100
105 125.1 116.7 156.7
77 98.0 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): BG

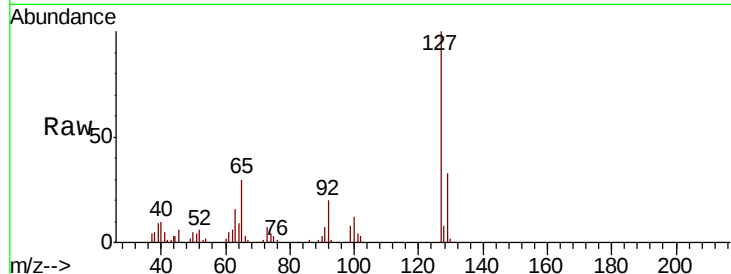




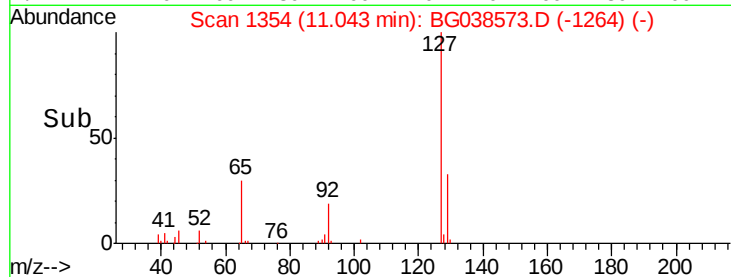
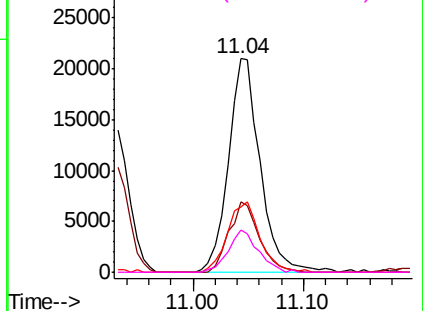
#33
4-Chloroaniline
Concen: 22.905 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:	127	Resp:	42249
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	30.5	27.8	41.6
92	19.6	17.0	25.6

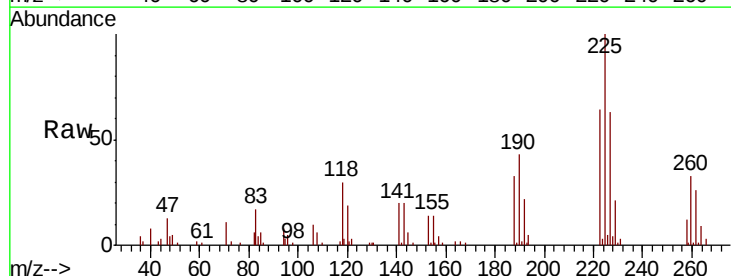


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

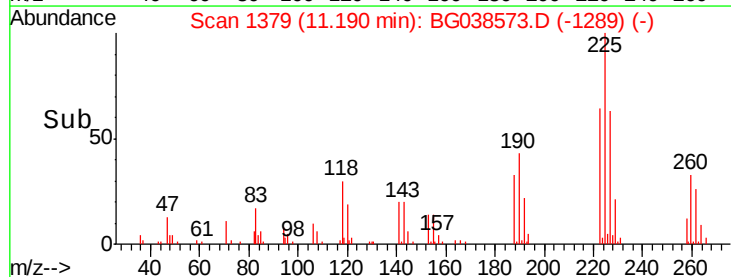
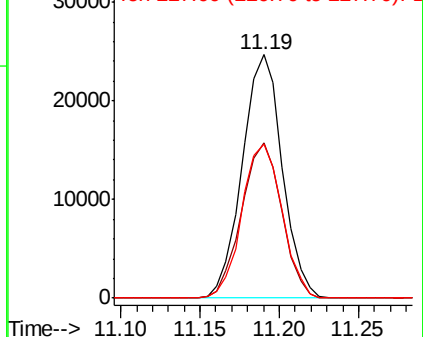


#34
Hexachlorobutadiene
Concen: 37.934 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:	225	Resp:	43201
Ion	Ratio	Lower	Upper
225	100		
223	60.8	45.0	67.6
227	63.7	50.6	75.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.806 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

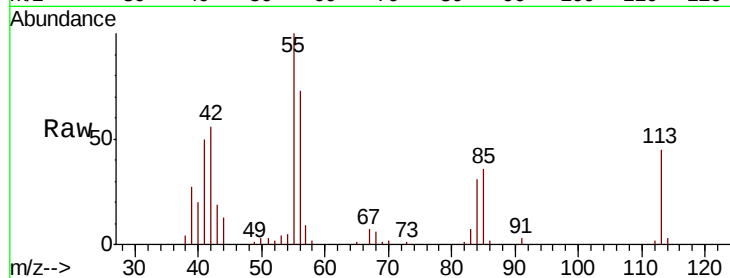
Tgt Ion:113 Resp: 21800

Ion Ratio Lower Upper

113 100

55 224.1 204.3 244.3

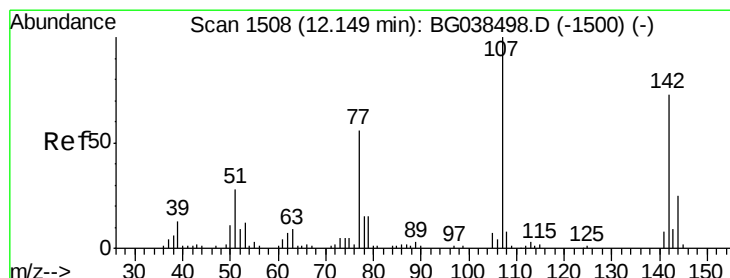
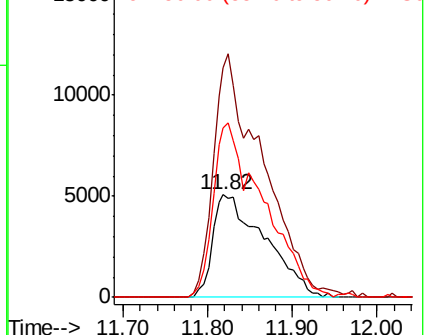
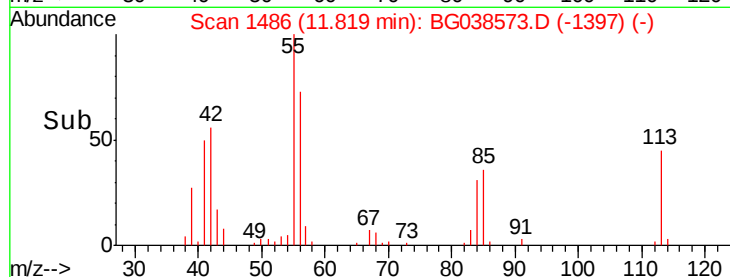
56 164.7 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 42.246 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

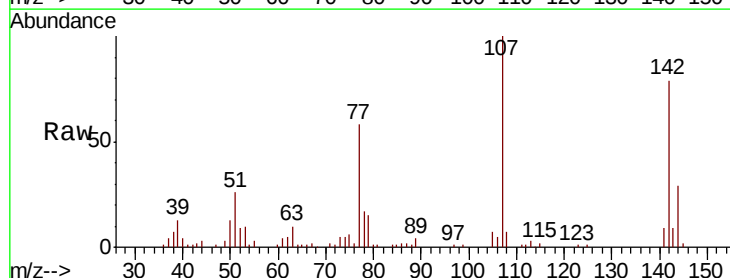
Tgt Ion:107 Resp: 67174

Ion Ratio Lower Upper

107 100

144 29.1 20.1 30.1

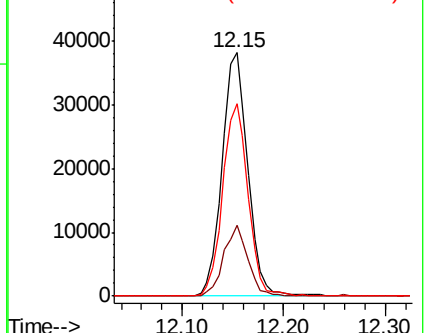
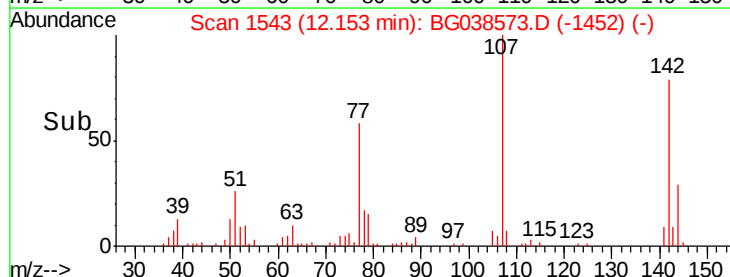
142 78.9 58.7 88.1

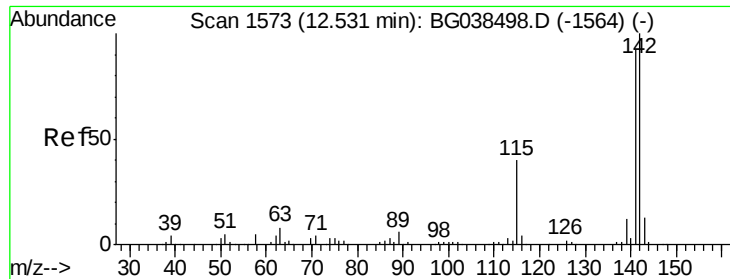


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

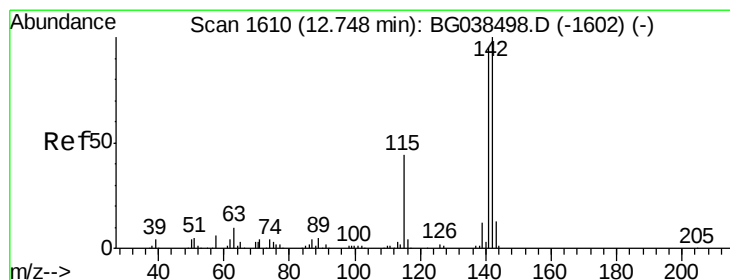
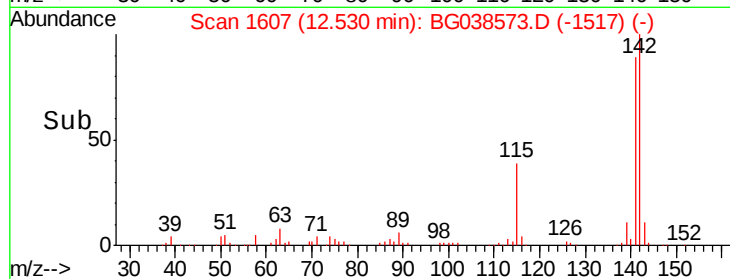
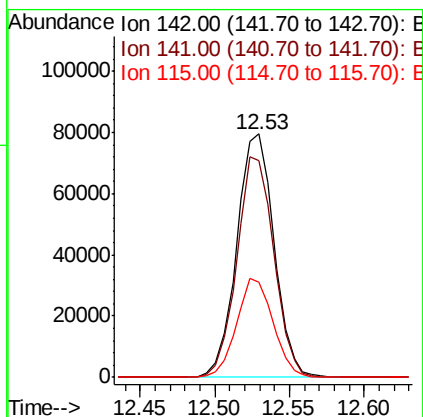
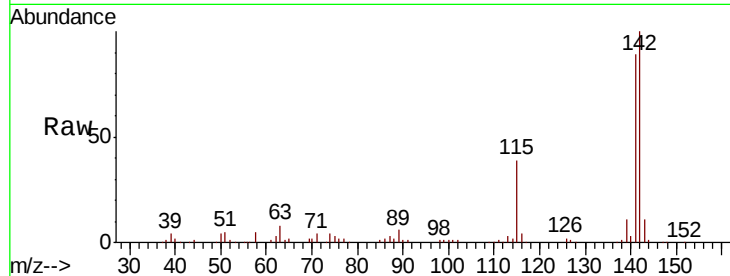




#37
2-Methylnaphthalene
Concen: 45.378 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

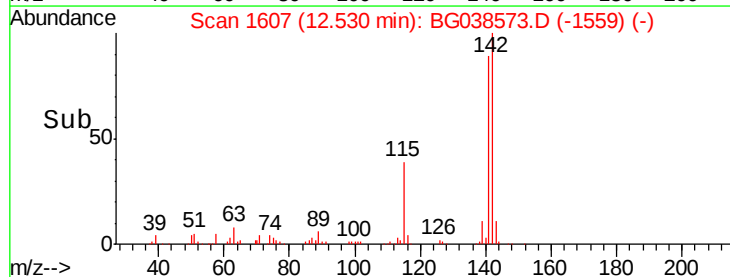
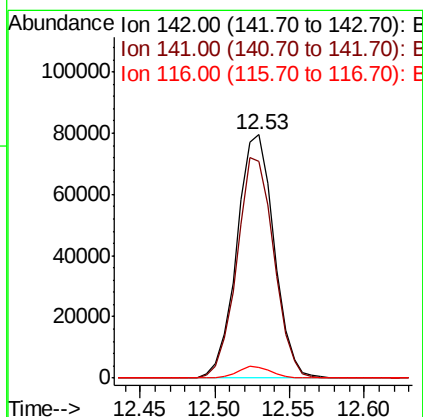
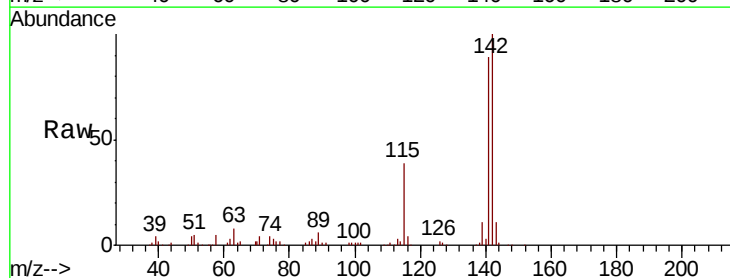
Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:142 Resp: 137539
Ion Ratio Lower Upper
142 100
141 88.9 73.5 110.3
115 39.2 31.7 47.5



#38
1-Methylnaphthalene
Concen: 46.763 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.22 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:142 Resp: 137539
Ion Ratio Lower Upper
142 100
141 88.9 75.8 113.8
116 4.4 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

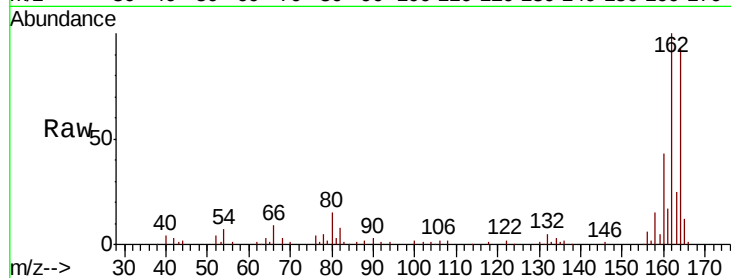
Tgt Ion:164 Resp: 55677

Ion Ratio Lower Upper

164 100

162 108.0 86.6 130.0

160 46.7 34.2 51.2

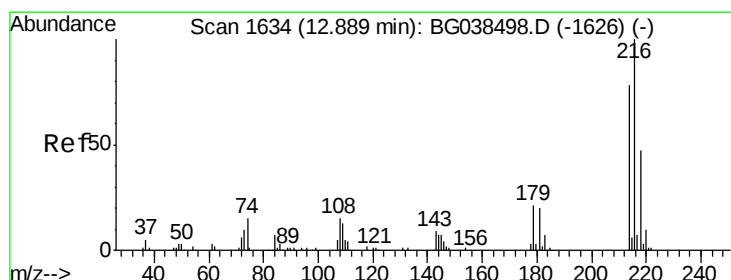
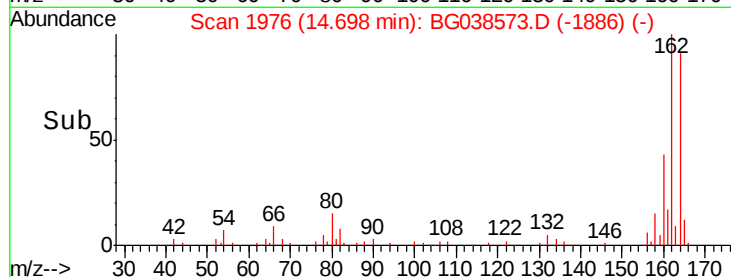
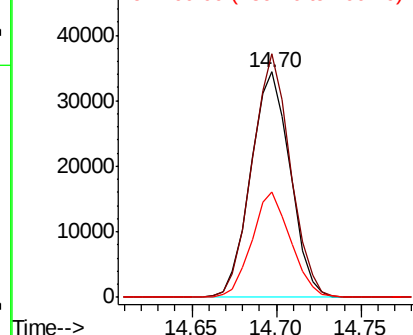


Abundance

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: 38.817 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Tgt Ion:216 Resp: 80786

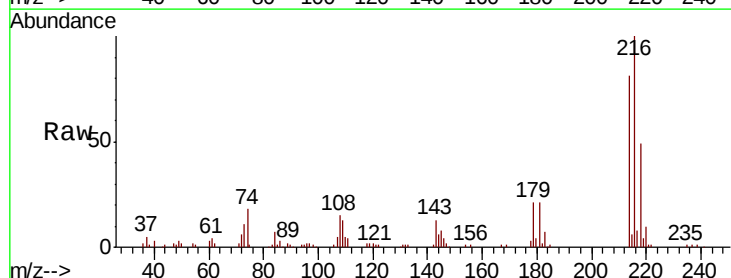
Ion Ratio Lower Upper

216 100

214 78.8 64.1 96.1

179 20.0 16.4 24.6

108 14.4 13.9 20.9



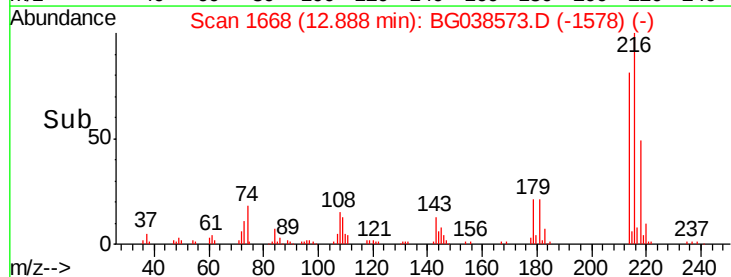
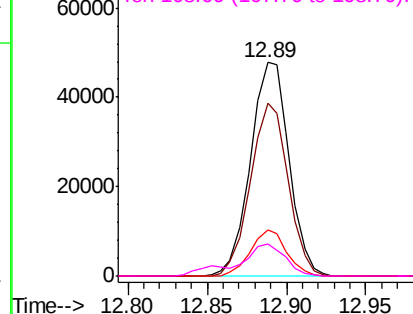
Abundance

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: 93.997 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

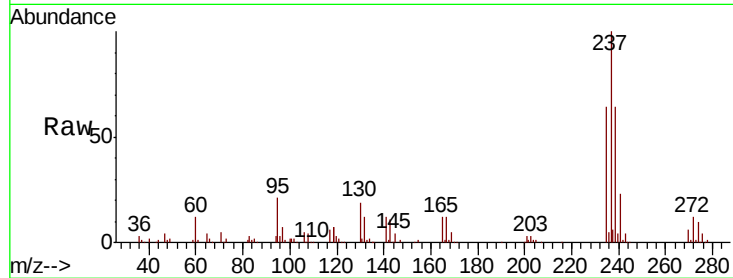
Tgt Ion:237 Resp: 107476

Ion Ratio Lower Upper

237 100

235 64.0 38.8 78.8

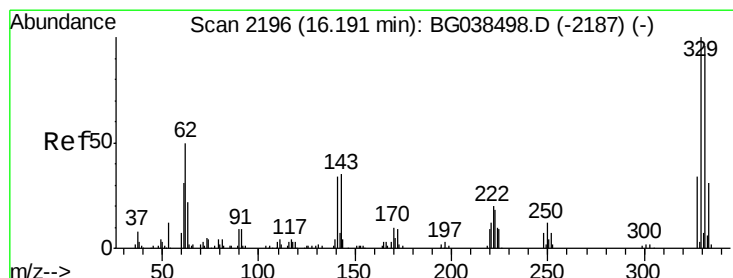
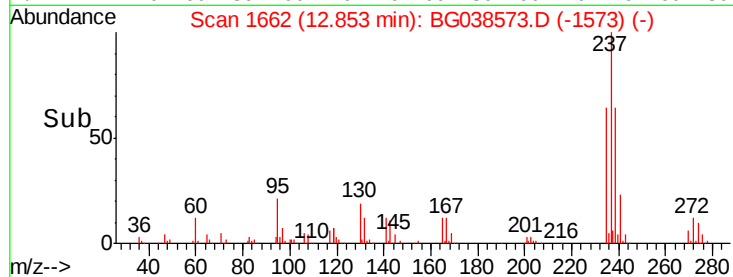
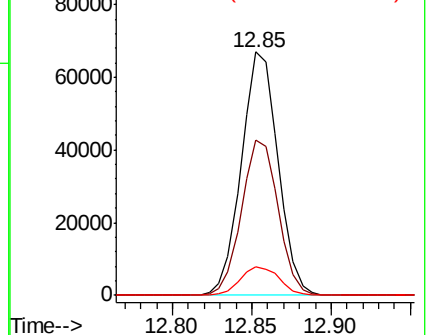
272 12.0 0.0 32.0



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: 116.554 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

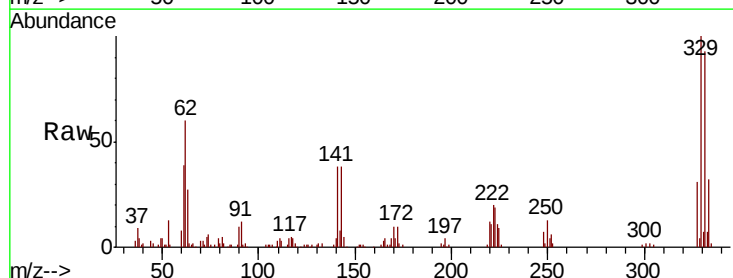
Tgt Ion:330 Resp: 89435

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

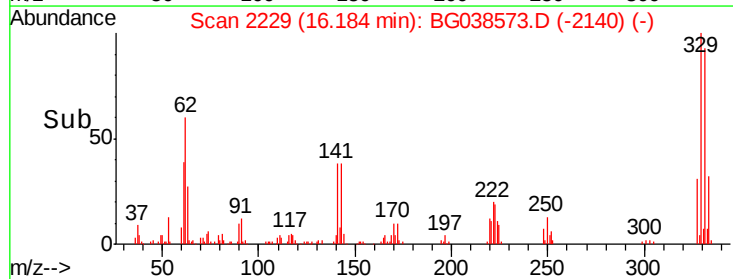
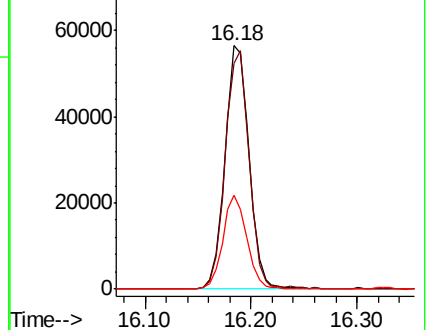
141 37.8 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

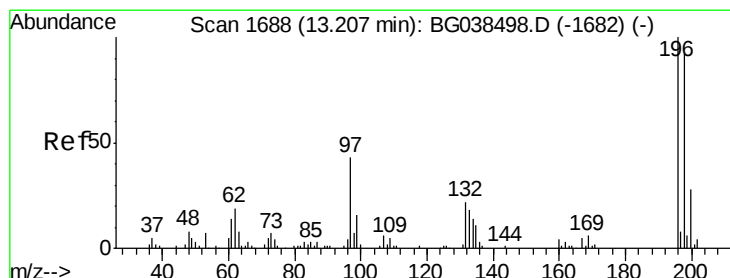
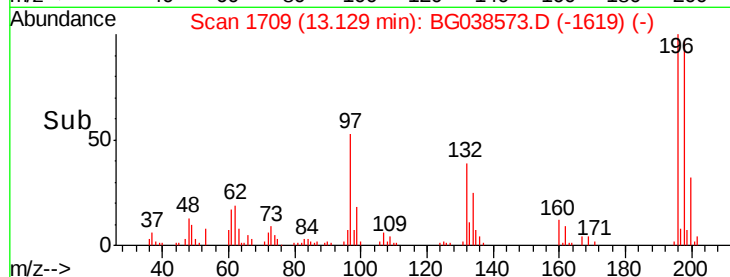
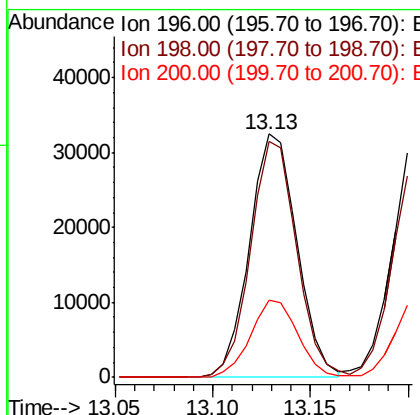
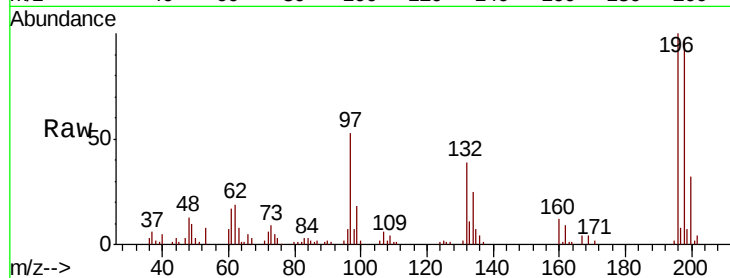




#43
 2,4,6-Trichlorophenol
 Concen: 42.653 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

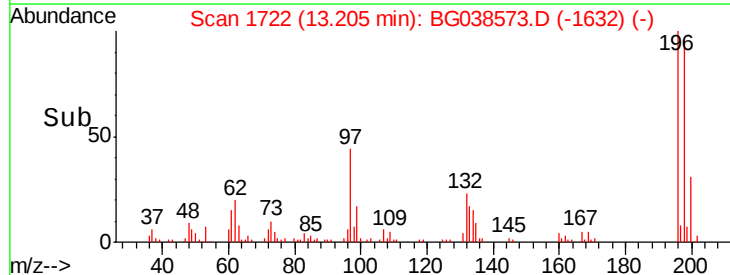
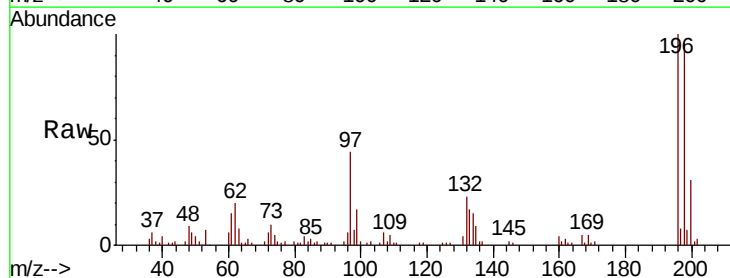
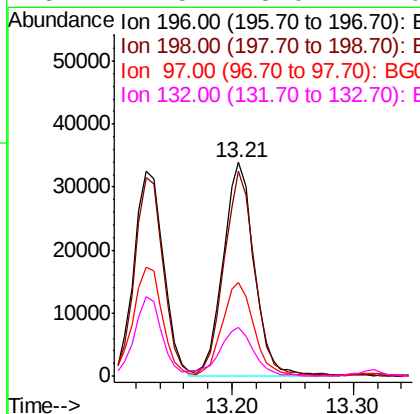
Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

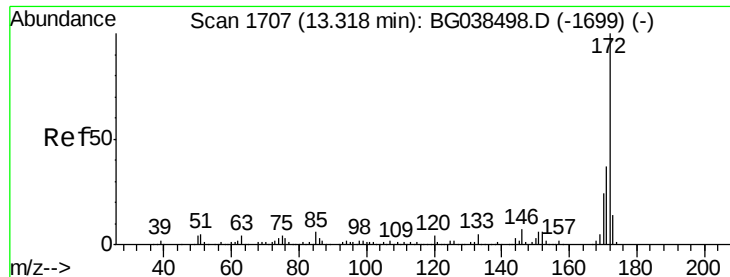
Tgt Ion:196 Resp: 54581
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.0 112.4
 200 31.6 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.700 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion:196 Resp: 60562
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.0 111.0
 97 43.6 35.1 52.7
 132 22.5 18.0 27.0

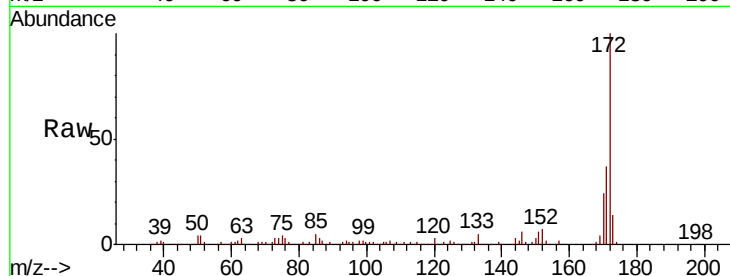




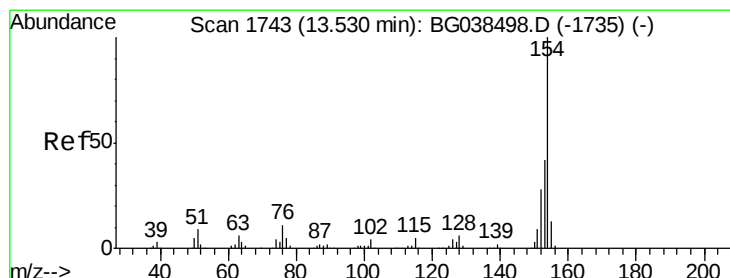
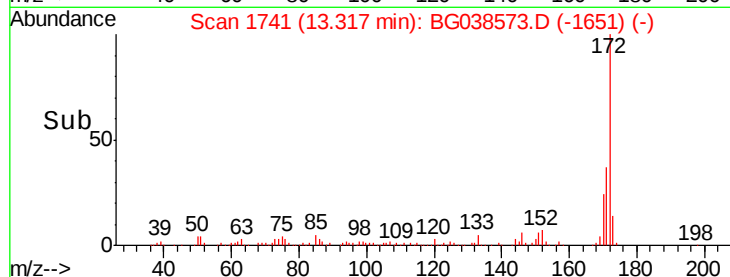
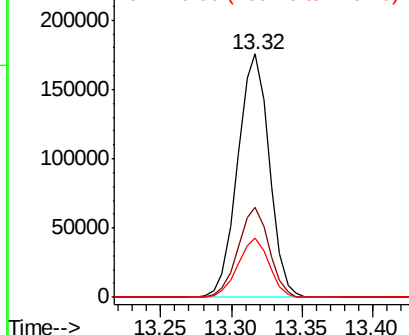
#45
2-Fluorobiphenyl
Concen: 67.629 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:172 Resp: 274474
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.4 19.5 29.3

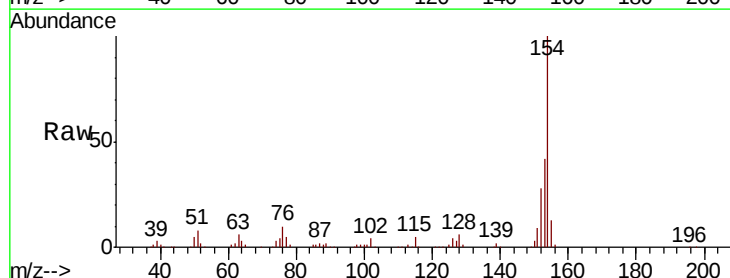


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

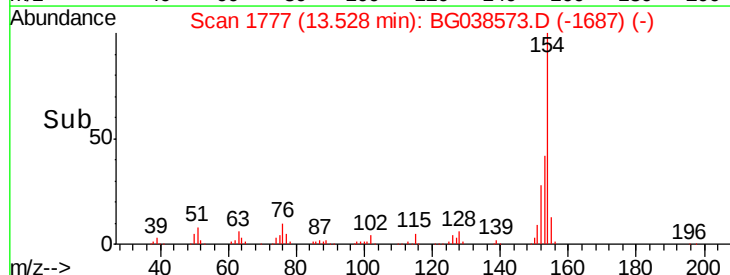
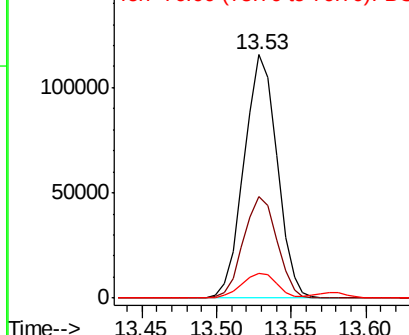


#46
1,1'-Biphenyl
Concen: 38.030 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:154 Resp: 177506
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 10.2 0.0 31.2



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

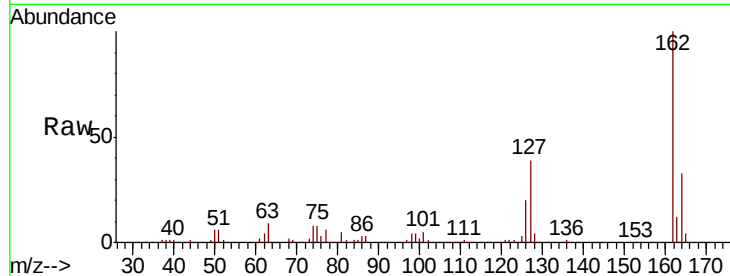




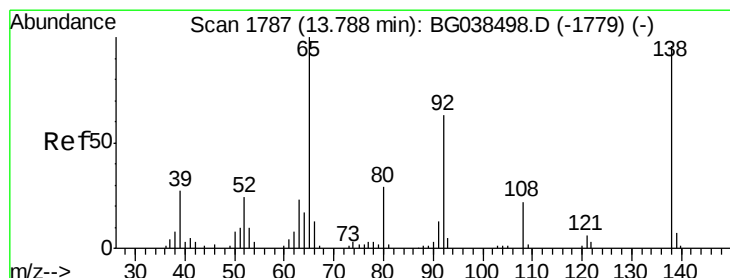
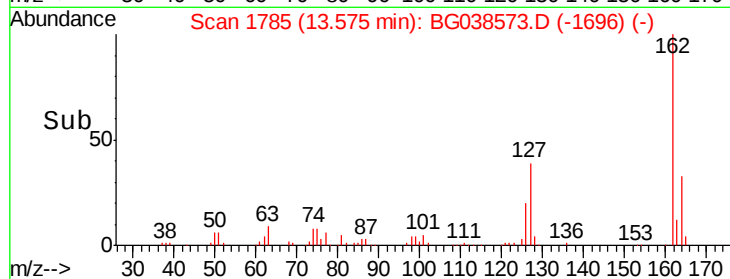
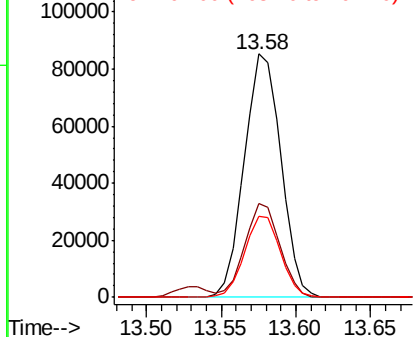
#47
 2-Chloronaphthalene
 Concen: 40.142 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

Tgt Ion: 162 Resp: 144727
 Ion Ratio Lower Upper
 162 100
 127 38.5 27.8 41.8
 164 33.5 26.9 40.3

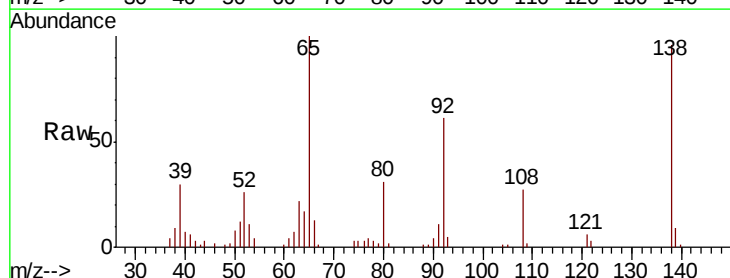


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

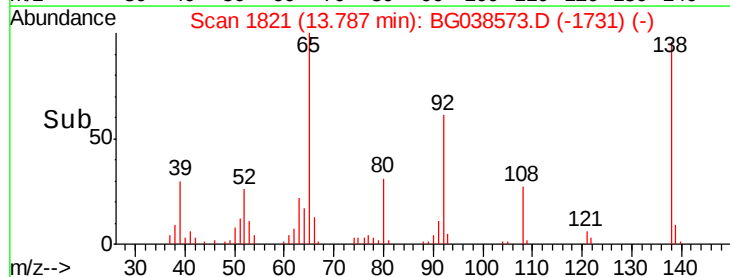
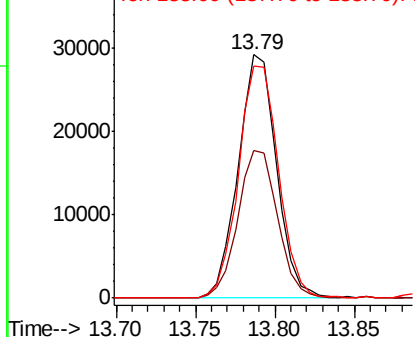


#48
 2-Nitroaniline
 Concen: 42.670 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion: 65 Resp: 49003
 Ion Ratio Lower Upper
 65 100
 92 60.5 50.0 75.0
 138 95.5 76.9 115.3



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





#49

Acenaphthylene

Concen: 43.790 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

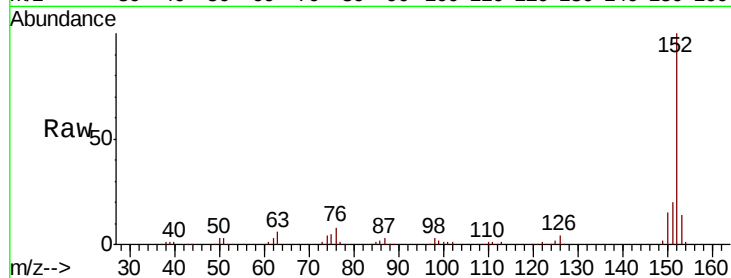
Tgt Ion:152 Resp: 236025

Ion Ratio Lower Upper

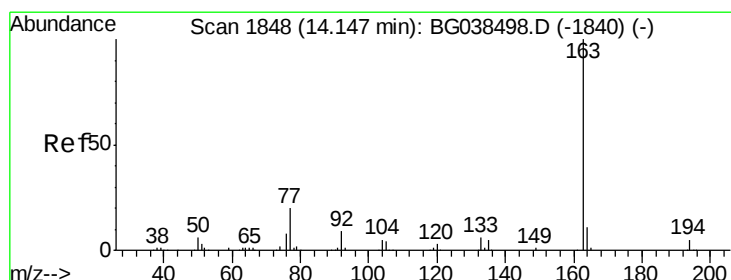
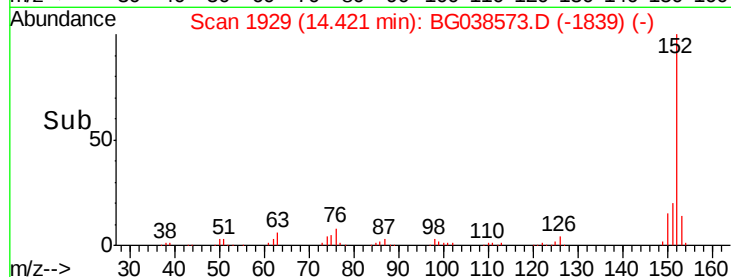
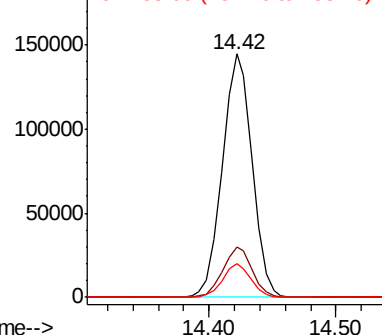
152 100

151 20.5 16.4 24.6

153 14.0 10.4 15.6



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



#50

Dimethylphthalate

Concen: 41.886 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

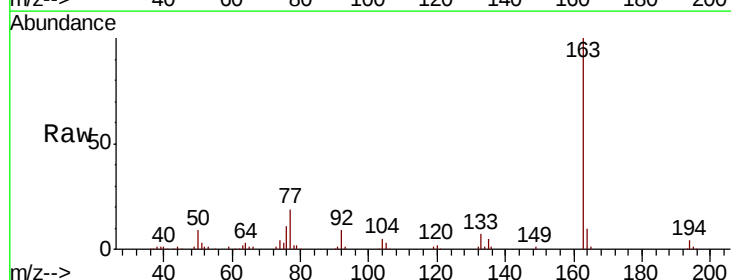
Tgt Ion:163 Resp: 190446

Ion Ratio Lower Upper

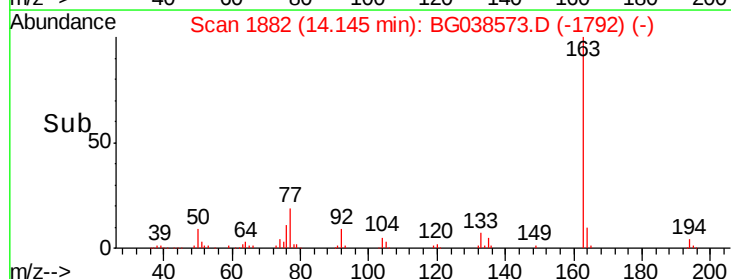
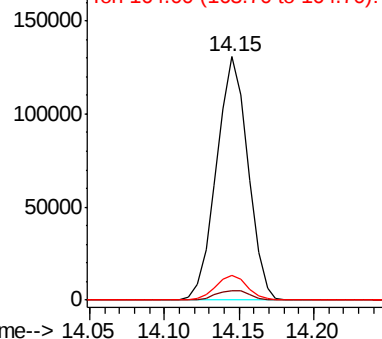
163 100

194 3.7 3.7 5.5

164 10.4 8.6 12.8



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

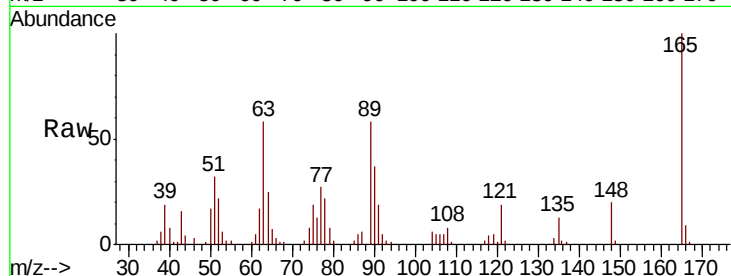




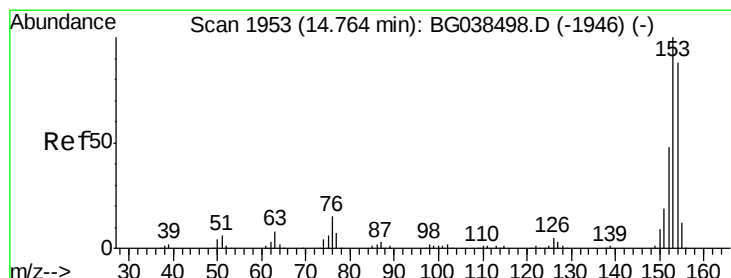
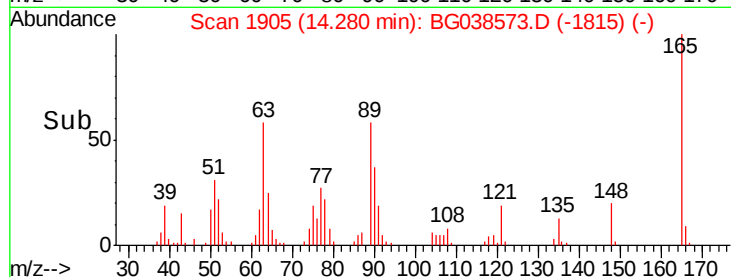
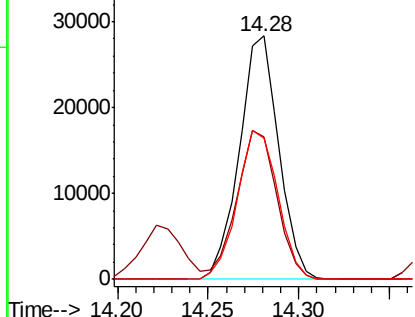
#51
 2,6-Dinitrotoluene
 Concen: 41.554 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

Tgt Ion:165 Resp: 42816
 Ion Ratio Lower Upper
 165 100
 63 58.4 51.8 77.6
 89 57.8 47.9 71.9

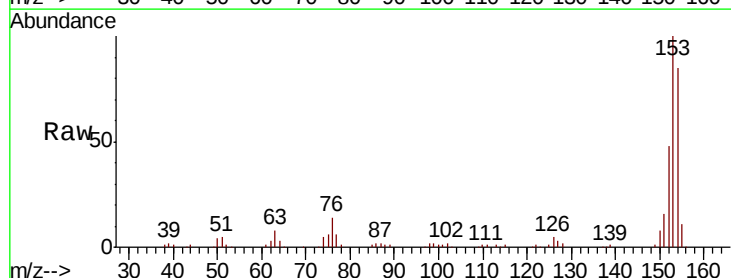


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

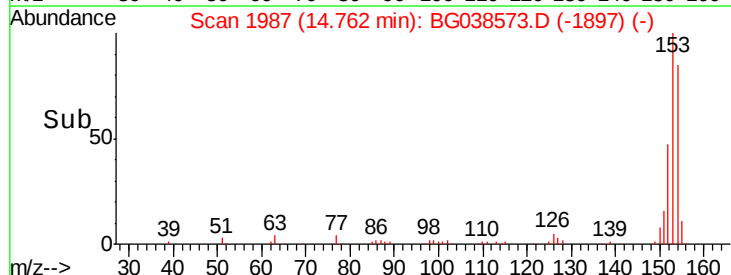
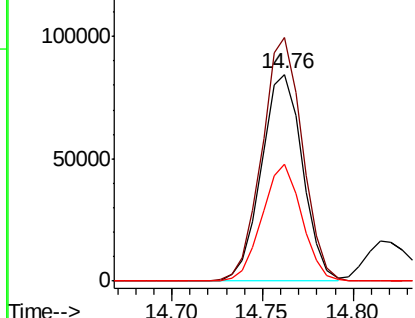


#52
 Acenaphthene
 Concen: 41.554 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion:154 Resp: 133927
 Ion Ratio Lower Upper
 154 100
 153 117.8 90.6 136.0
 152 56.6 43.5 65.3



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





#53

3-Nitroaniline

Concen: 30.659 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

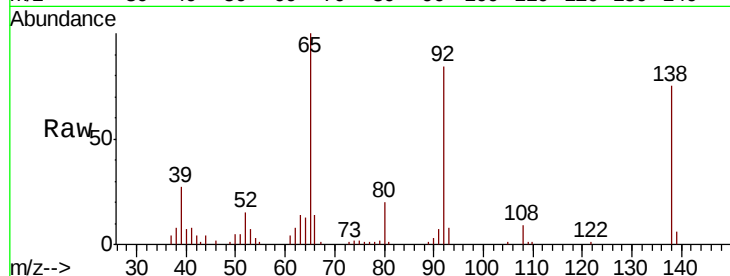
Tgt Ion:138 Resp: 32203

Ion Ratio Lower Upper

138 100

108 11.4 7.9 11.9

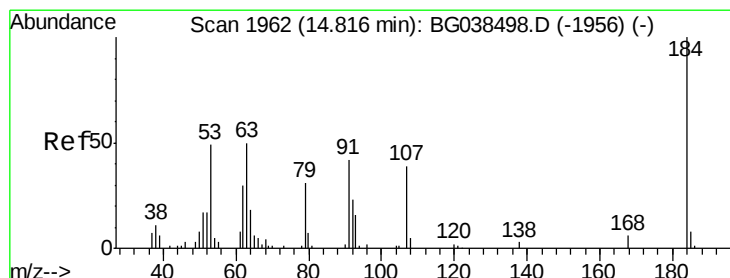
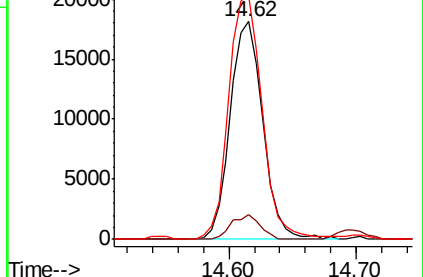
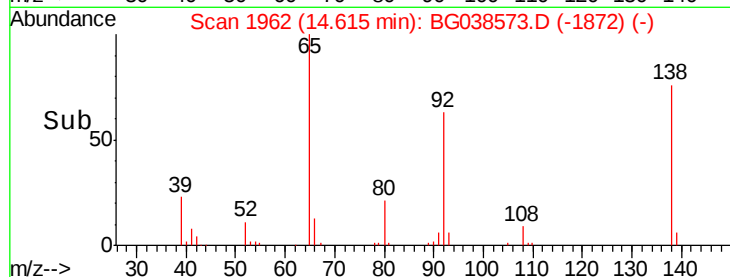
92 111.9 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 73.094 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

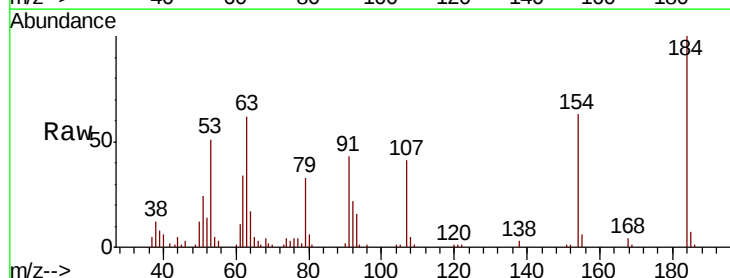
Tgt Ion:184 Resp: 44519

Ion Ratio Lower Upper

184 100

63 61.7 47.0 70.6

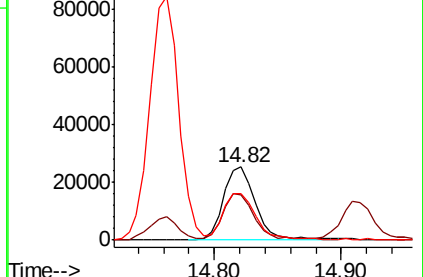
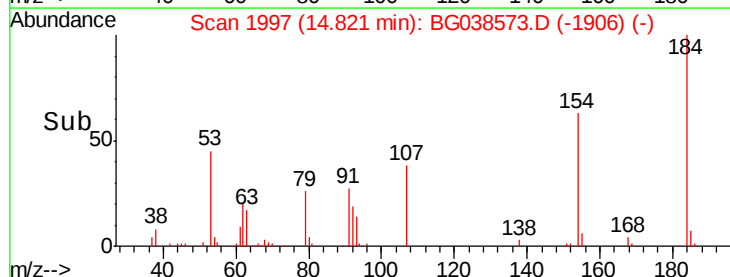
154 62.9 50.3 75.5

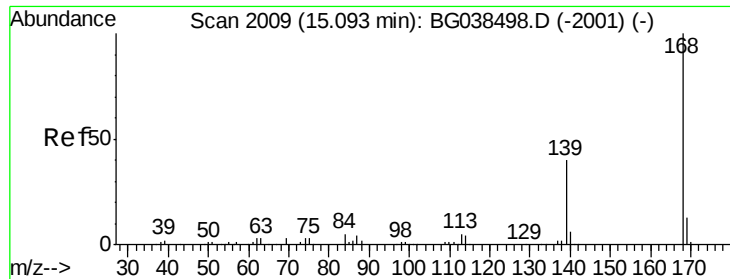


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

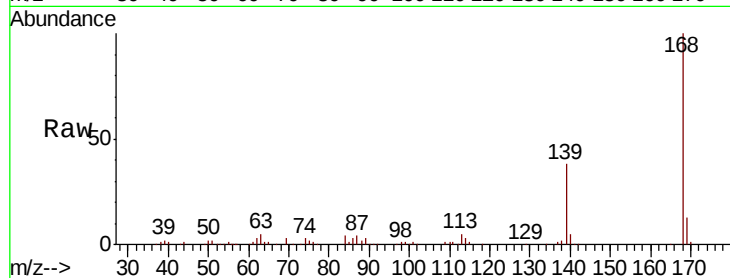




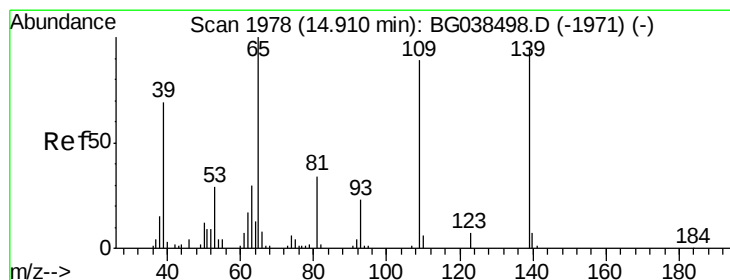
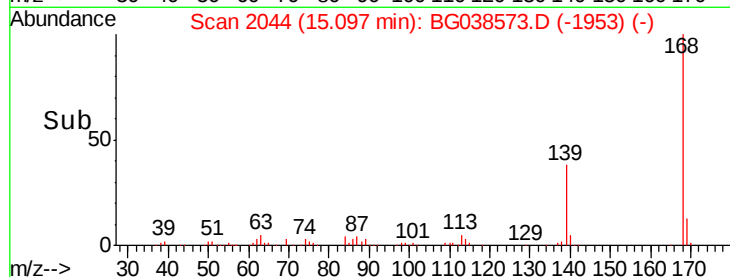
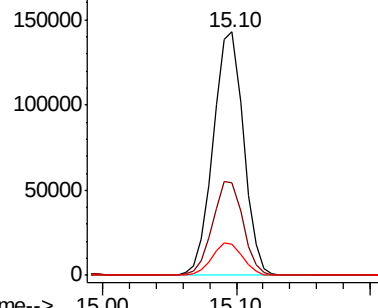
#55
Dibenzenofuran
Concen: 40.572 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:168 Resp: 224147
Ion Ratio Lower Upper
168 100
139 38.3 32.2 48.2
169 12.7 10.6 16.0

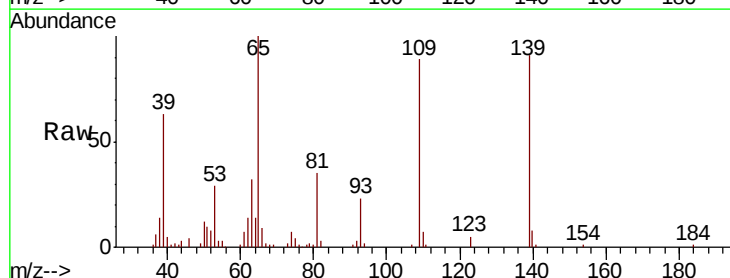


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

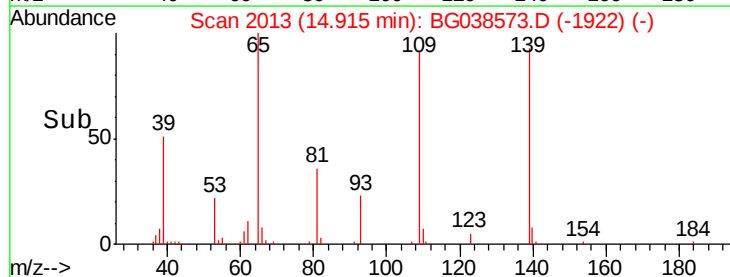
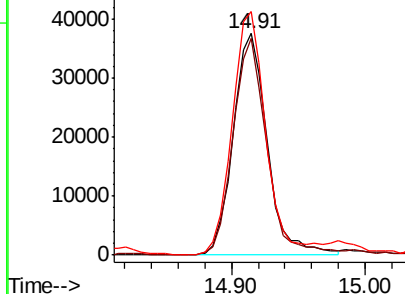


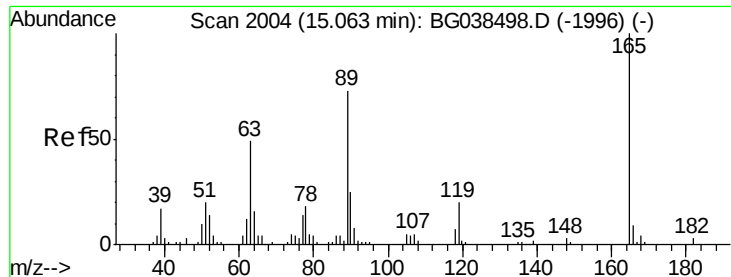
#56
4-Nitrophenol
Concen: 83.753 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:139 Resp: 66736
Ion Ratio Lower Upper
139 100
109 98.0 73.6 113.6
65 109.9 84.8 124.8



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

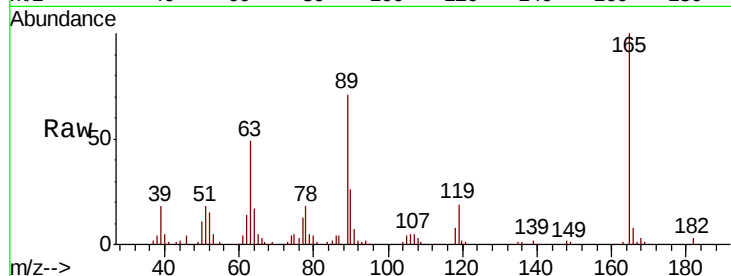




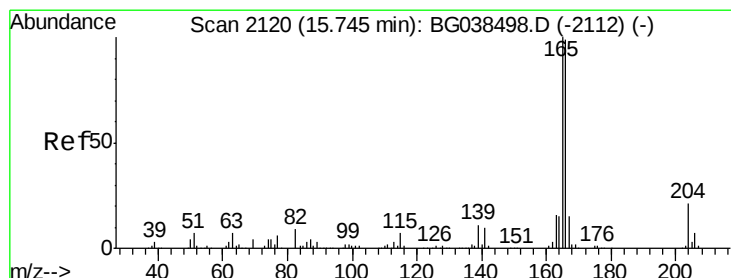
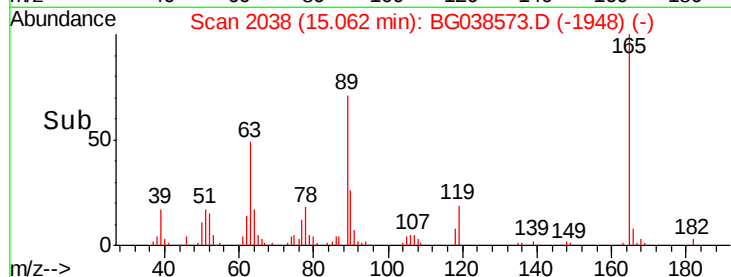
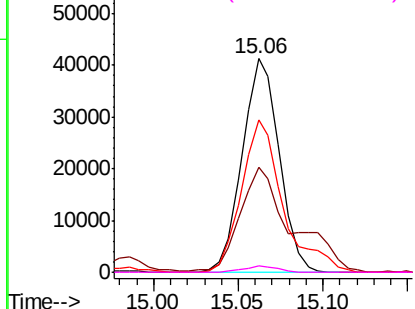
#57
2,4-Dinitrotoluene
Concen: 43.178 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:	165	Resp:	62661
Ion	Ratio	Lower	Upper
165	100		
63	48.9	39.0	58.4
89	71.1	58.0	87.0
182	3.2	2.3	3.5

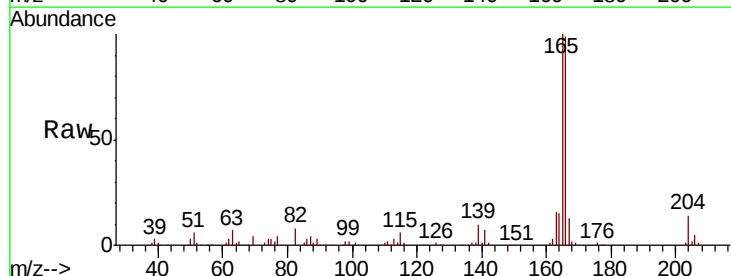


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

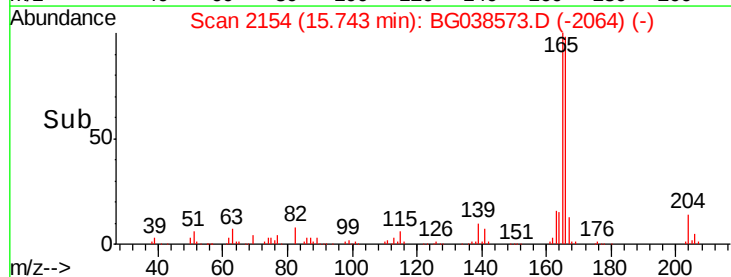
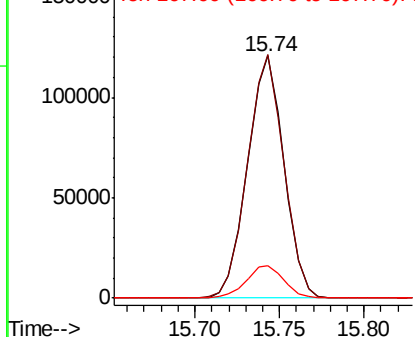


#58
Fluorene
Concen: 44.128 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:	166	Resp:	180625
Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.6	120.8
167	13.4	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

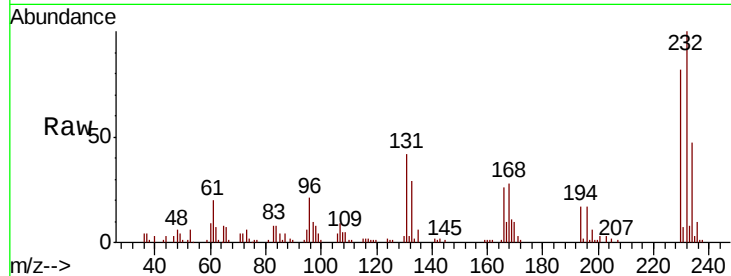




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.647 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.5	33.0	49.4
130	2.8	2.0	3.0
166	28.4	23.1	34.7



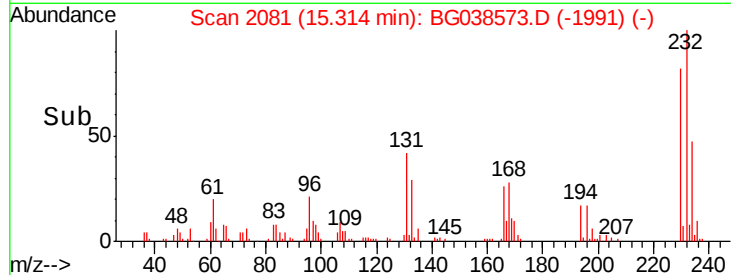
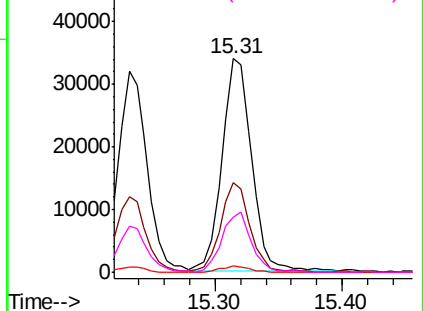
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

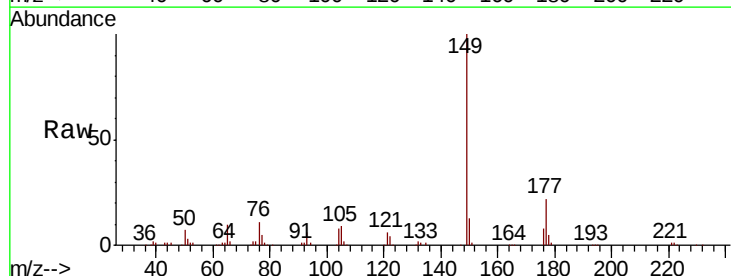
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.229 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.7	26.5
150	12.7	9.9	14.9

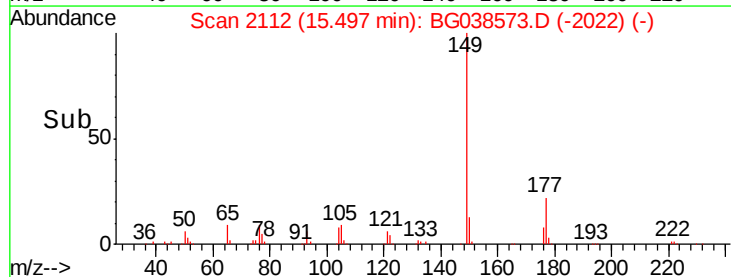
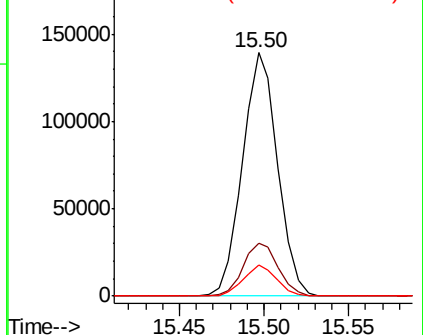


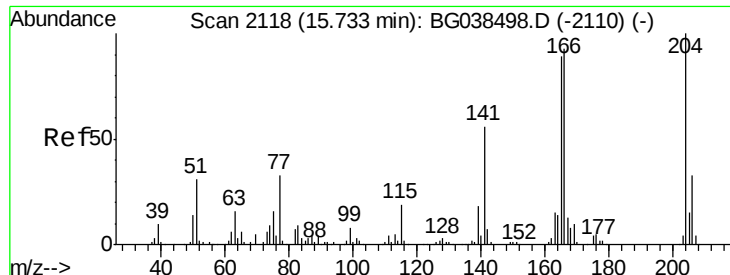
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

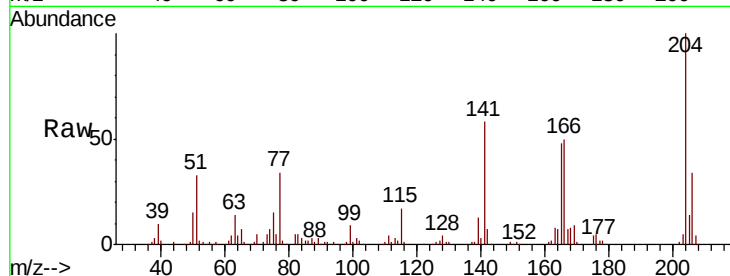




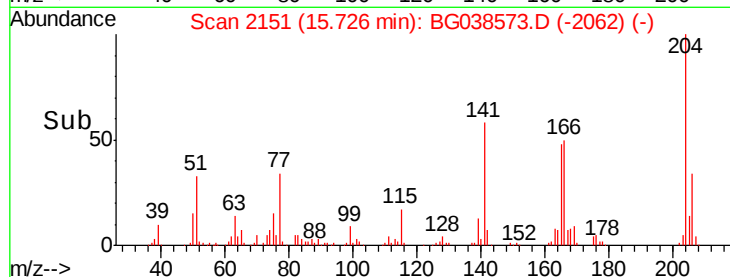
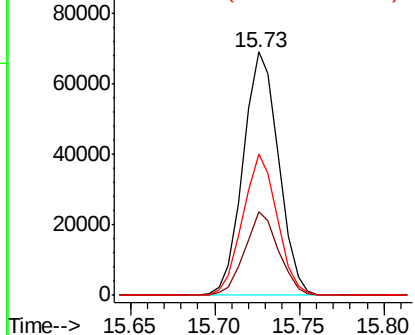
#61
4-Chlorophenyl-phenylether
Concen: 39.340 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion: 204 Resp: 100470
Ion Ratio Lower Upper
204 100
206 34.5 26.0 39.0
141 58.0 44.4 66.6

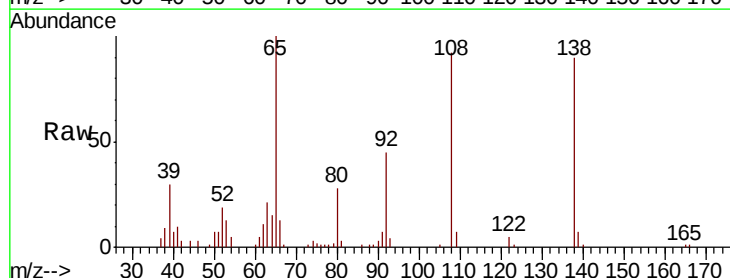


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

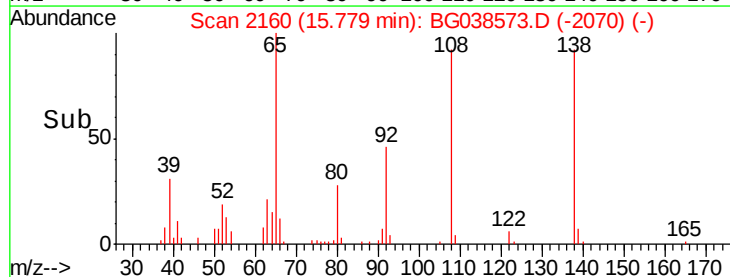
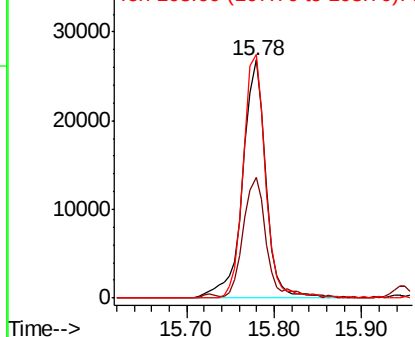


#62
4-Nitroaniline
Concen: 44.091 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion: 138 Resp: 47678
Ion Ratio Lower Upper
138 100
92 50.5 33.3 73.3
108 102.1 81.4 121.4



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





#63

Azobenzene

Concen: 41.010 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

Tgt Ion: 77 Resp: 170999

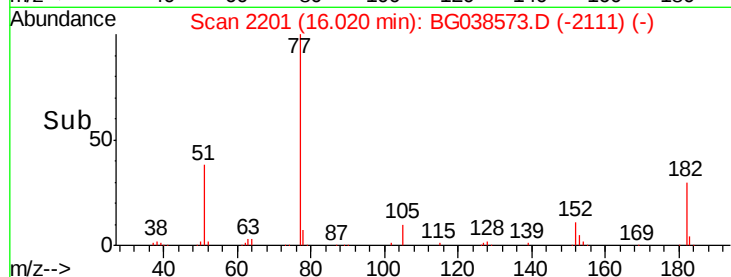
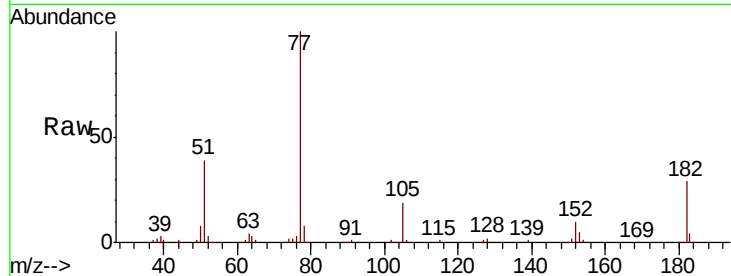
Ion Ratio Lower Upper

77 100

182 28.5 8.7 48.7

105 18.8 0.0 38.7

51 39.1 16.6 56.6

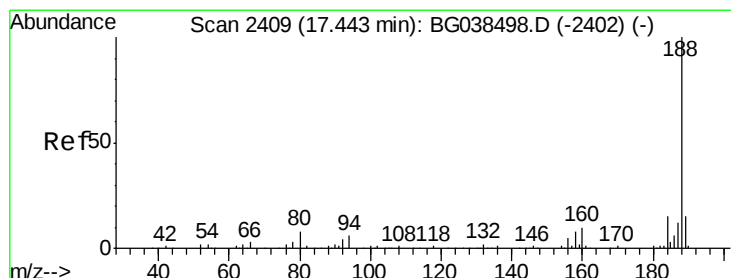
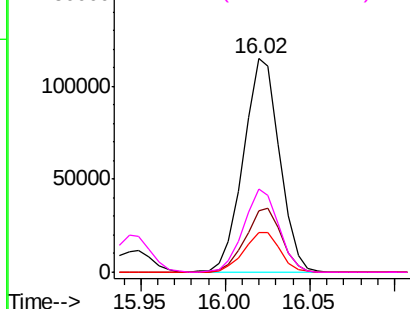


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038573.D

Acq: 14 Dec 2018 18:28

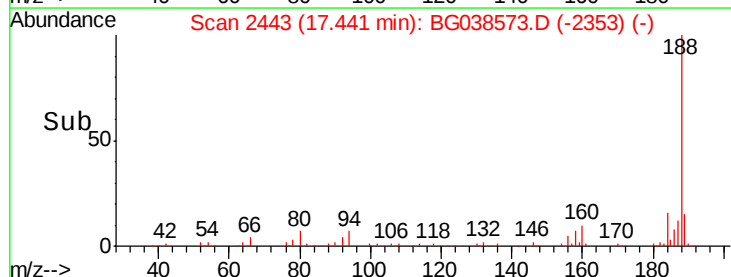
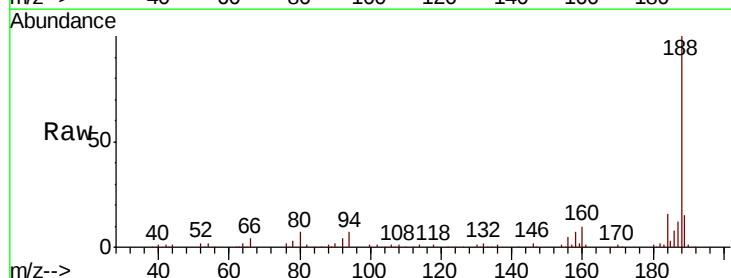
Tgt Ion: 188 Resp: 140410

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

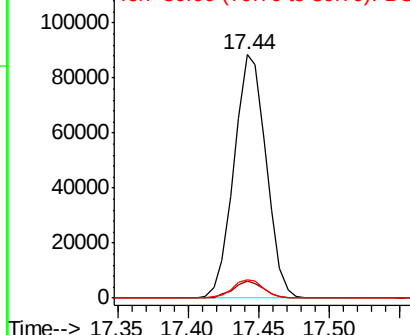
80 7.3 6.1 9.1

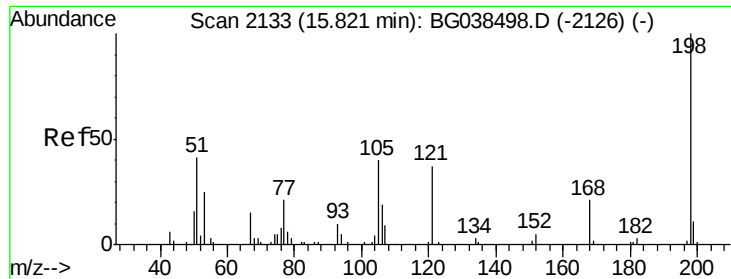


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

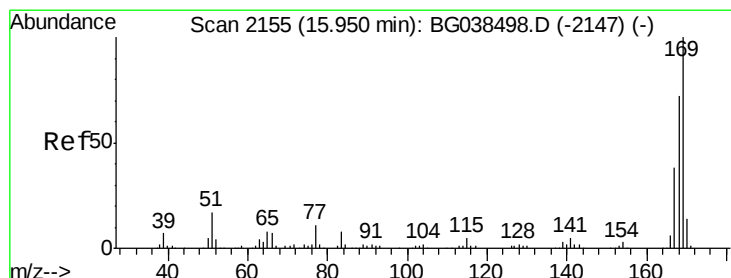
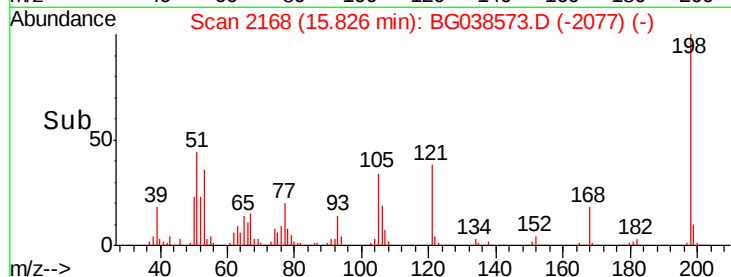
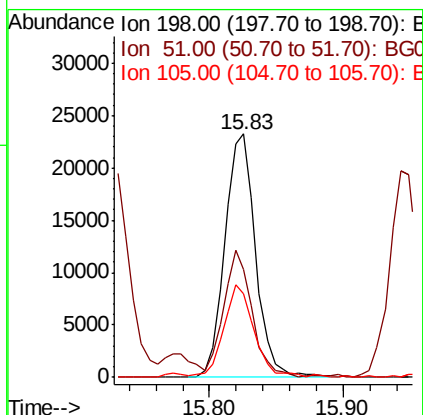
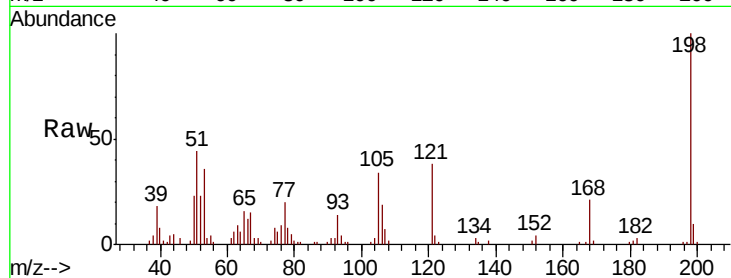




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.378 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

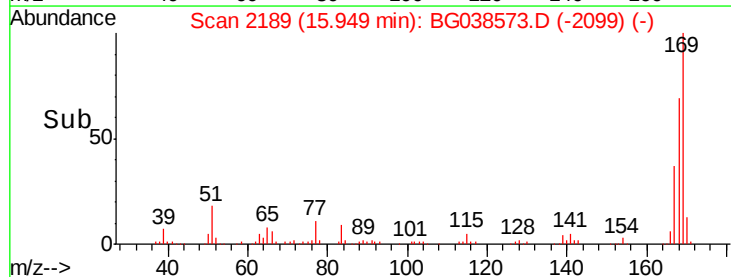
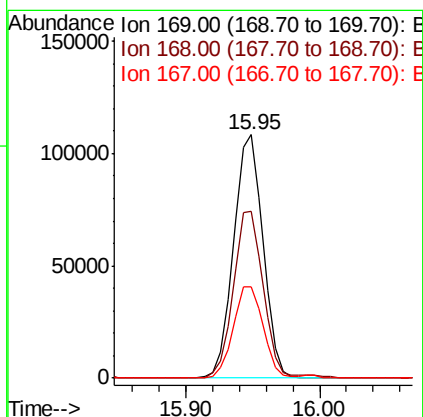
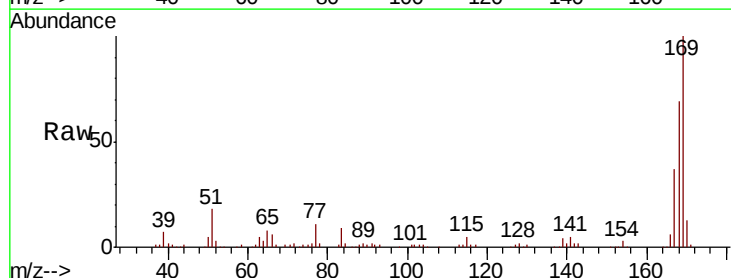
Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

Tgt Ion:198 Resp: 37438
 Ion Ratio Lower Upper
 198 100
 51 44.4 28.6 68.6
 105 34.1 20.4 60.4



#66
 n-Nitrosodiphenylamine
 Concen: 40.116 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion:169 Resp: 165502
 Ion Ratio Lower Upper
 169 100
 168 68.7 57.5 86.3
 167 37.4 30.2 45.2





#67

4-Bromophenyl-phenylether

Concen: 39.327 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

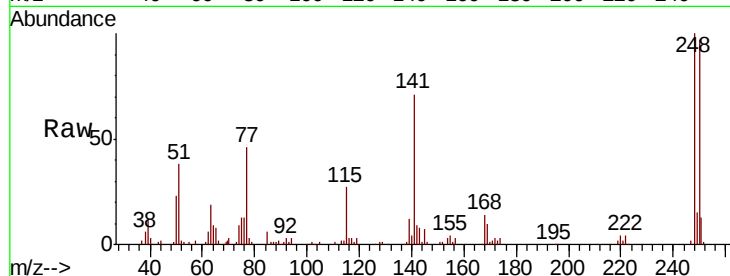
Tgt Ion:248 Resp: 67439

Ion Ratio Lower Upper

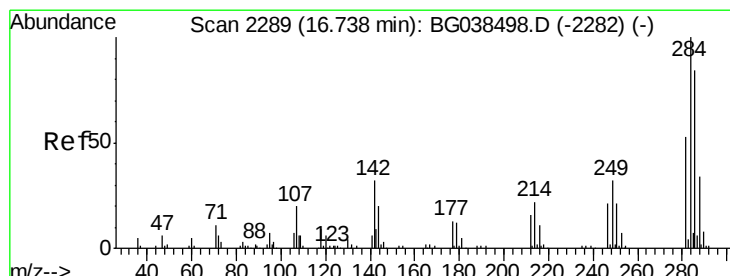
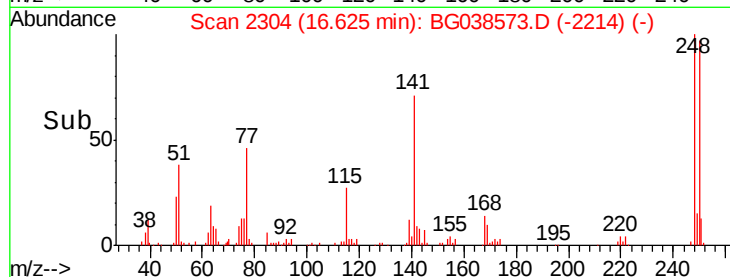
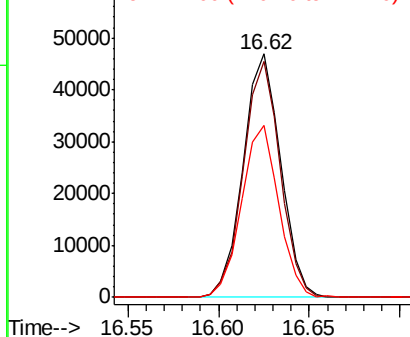
248 100

250 97.1 73.4 110.2

141 70.7 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: 38.977 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

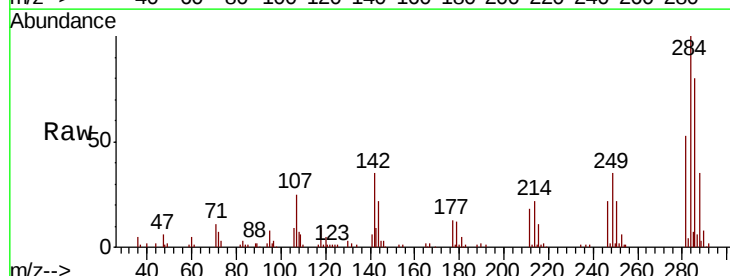
Tgt Ion:284 Resp: 69286

Ion Ratio Lower Upper

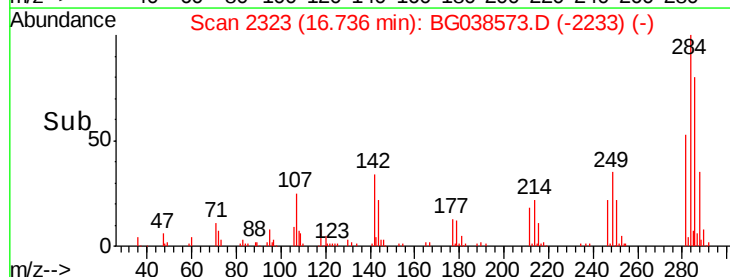
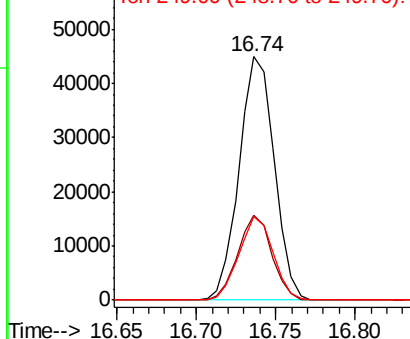
284 100

142 34.7 25.8 38.6

249 36.8 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: 44.905 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

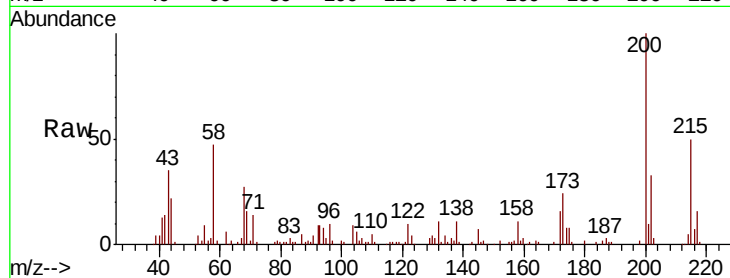
Tgt Ion:200 Resp: 68751

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

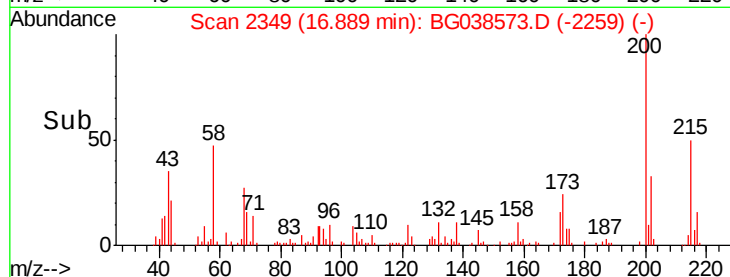
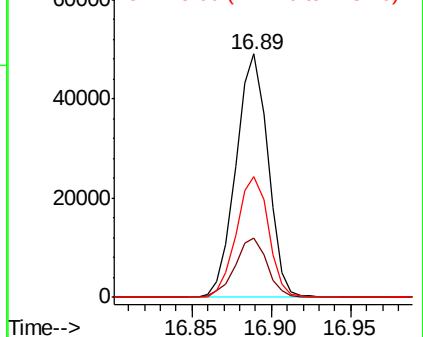
215 49.7 33.1 73.1



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: 72.745 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

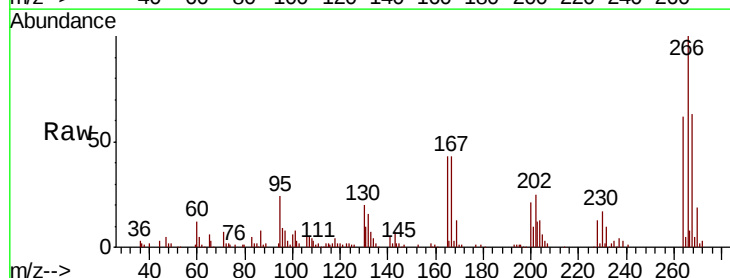
Tgt Ion:266 Resp: 76486

Ion Ratio Lower Upper

266 100

268 67.6 55.0 82.6

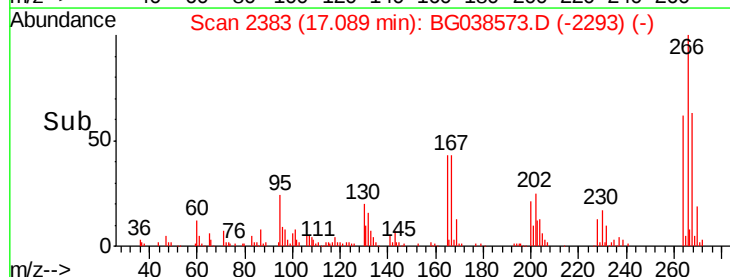
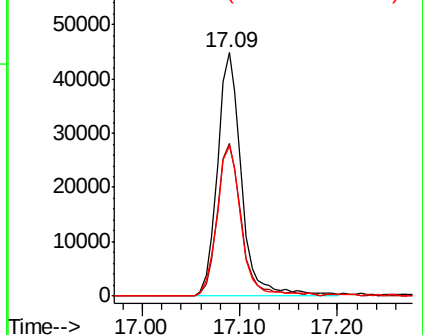
264 66.4 56.7 85.1

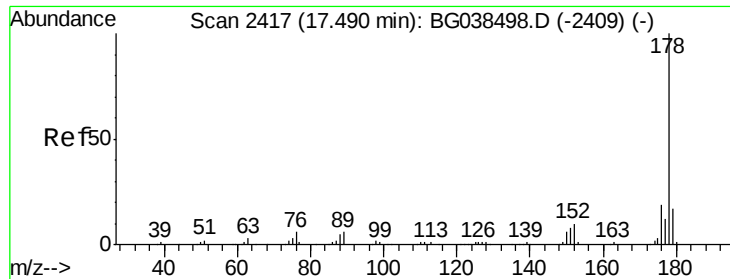


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

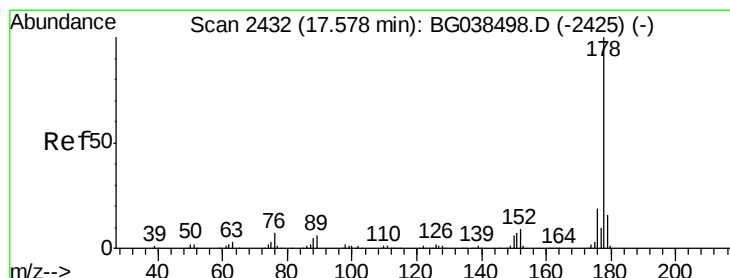
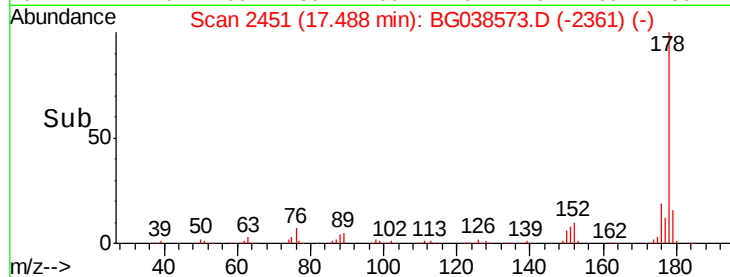
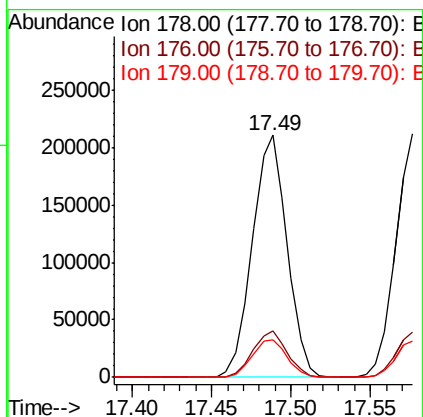
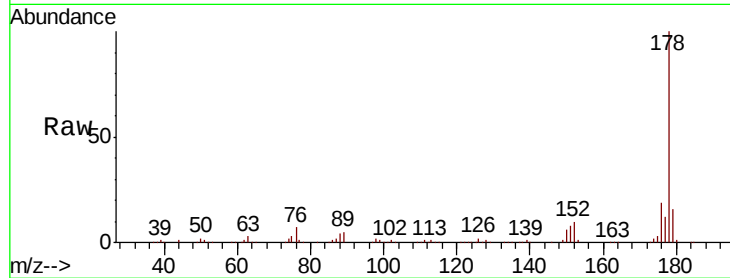




#71
Phenanthrene
Concen: 44.199 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

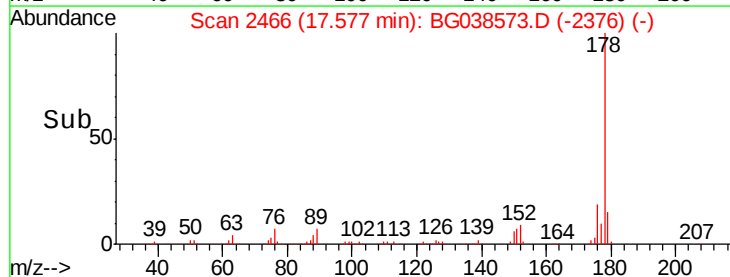
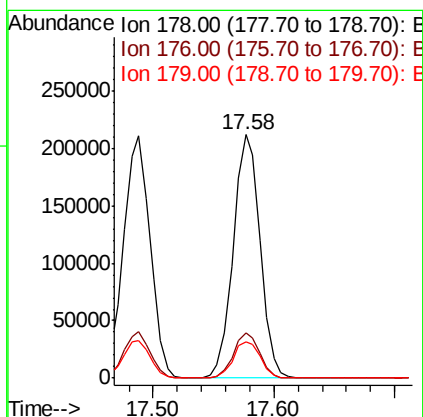
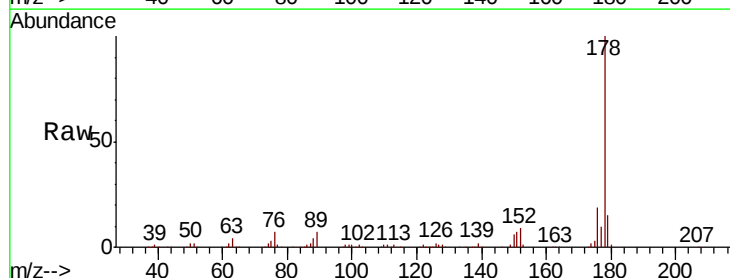
Instrument :
BNA_G
ClientSampleId :
PB115343BS

Tgt Ion:178 Resp: 321820
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.5 13.2 19.8



#72
Anthracene
Concen: 45.589 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:178 Resp: 327696
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.1 12.9 19.3

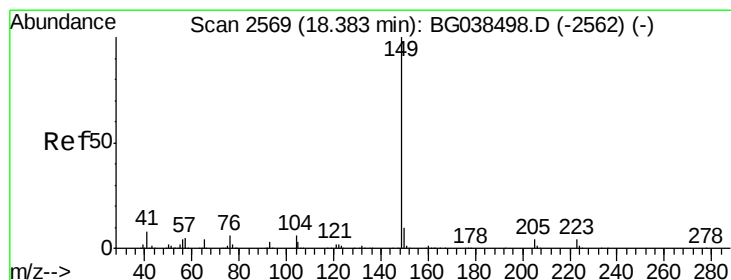
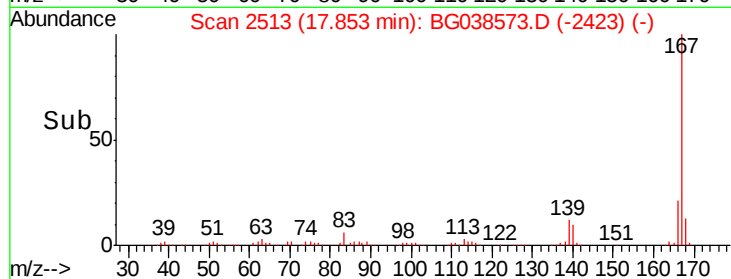
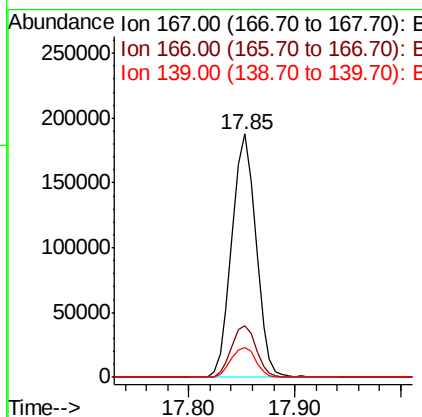
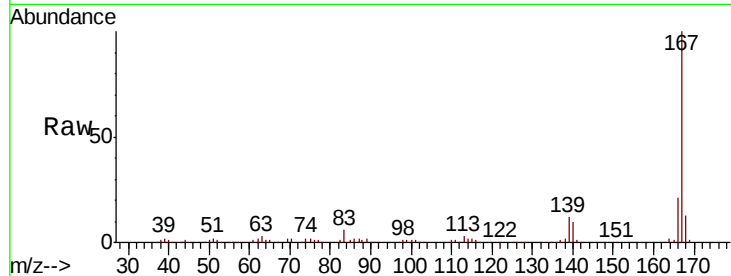




#73
 Carbazole
 Concen: 41.915 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

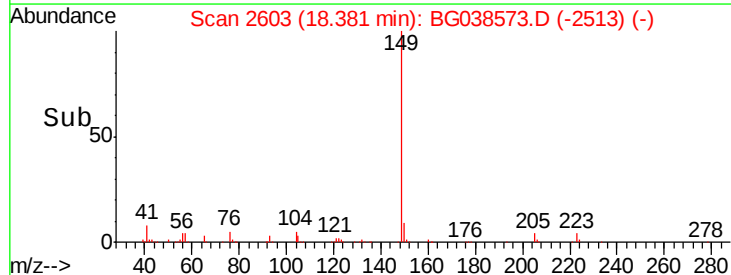
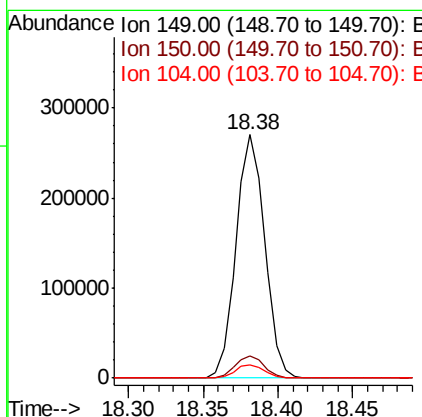
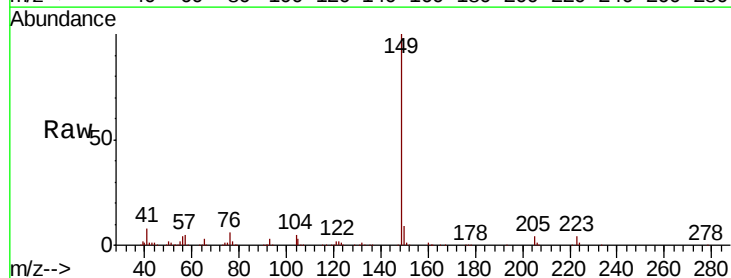
Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

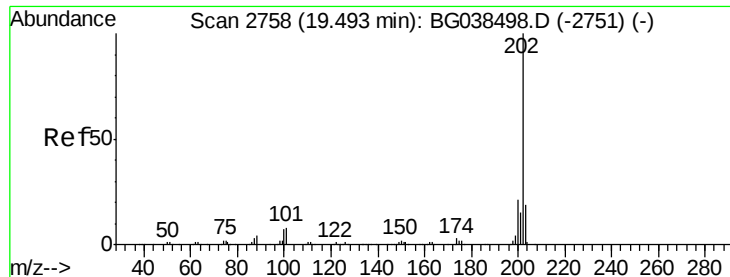
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.9	26.9
139	12.5	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 44.465 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.6	11.4
104	5.4	5.0	7.4





#75

Fluoranthene

Concen: 45.064 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

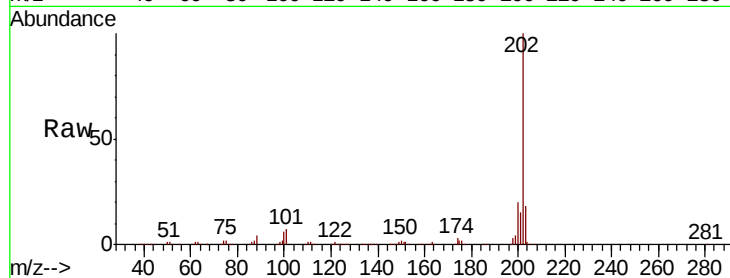
Tgt Ion:202 Resp: 405978

Ion Ratio Lower Upper

202 100

101 7.4 0.0 28.1

203 17.9 0.0 39.0



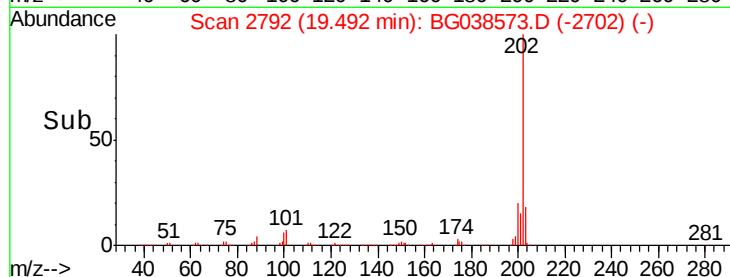
Abundance

Ion 202.00 (201.70 to 202.70): E

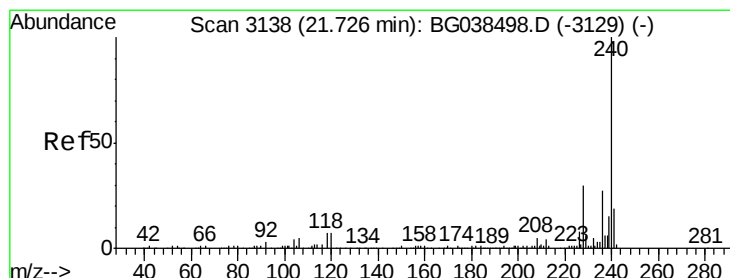
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.49



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

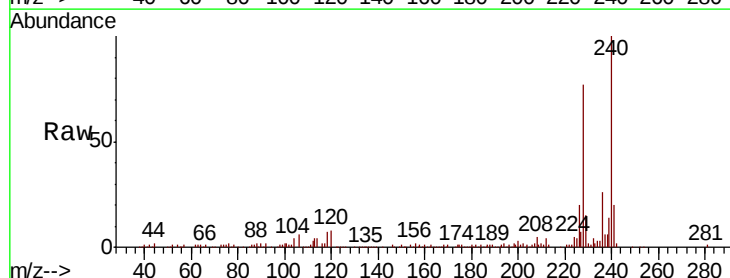
Tgt Ion:240 Resp: 145779

Ion Ratio Lower Upper

240 100

120 7.8 5.3 7.9

236 25.5 21.4 32.2



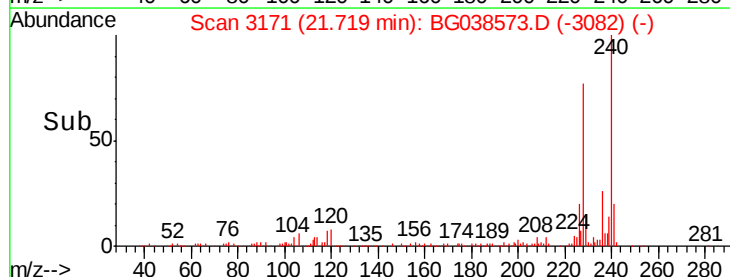
Abundance

Ion 240.00 (239.70 to 240.70): E

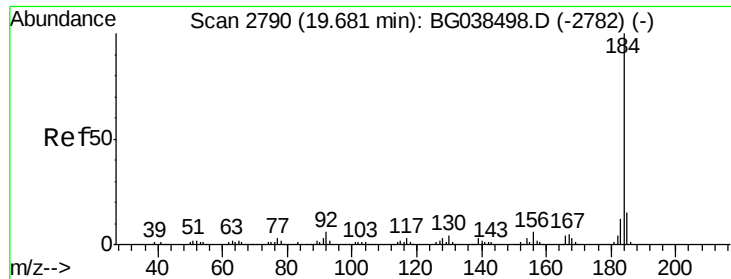
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.72



Time-->



#77

Benzidine

Concen: 46.817 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

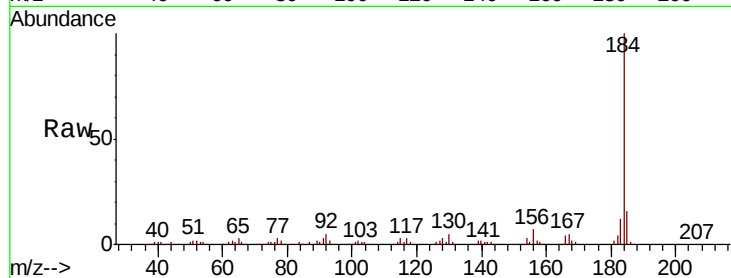
Tgt Ion:184 Resp: 201842

Ion Ratio Lower Upper

184 100

185 15.6 12.2 18.2

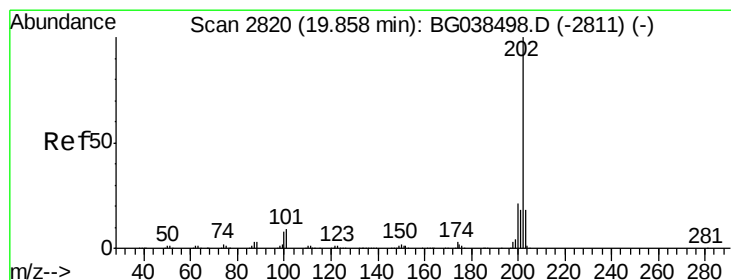
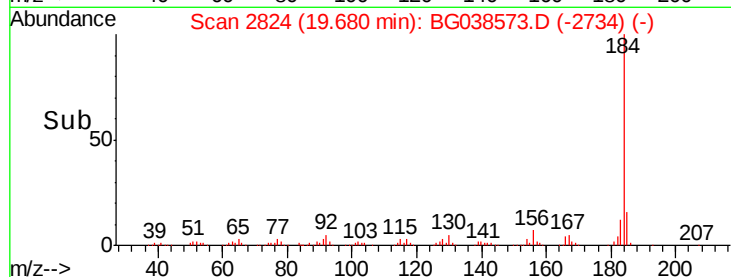
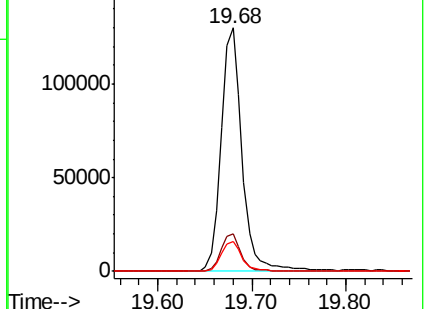
183 12.3 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.120 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

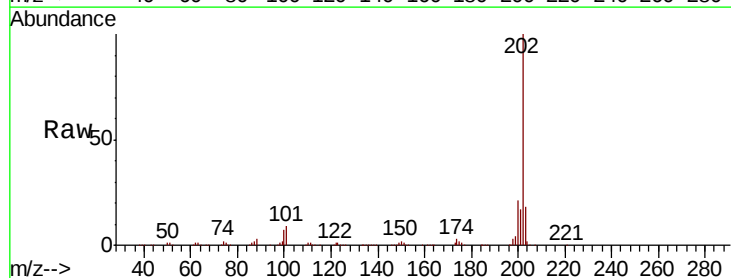
Tgt Ion:202 Resp: 405641

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

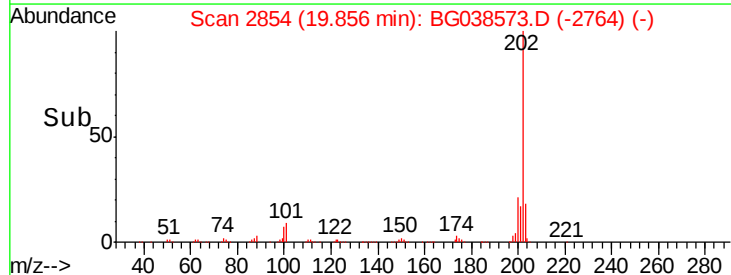
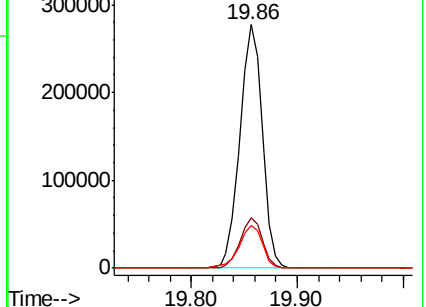
203 17.7 14.6 21.8

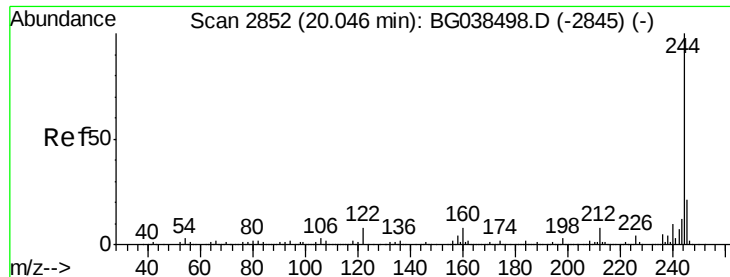


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.885 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

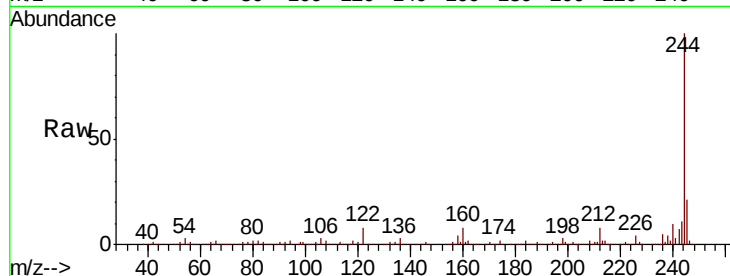
Tgt Ion:244 Resp: 575293

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

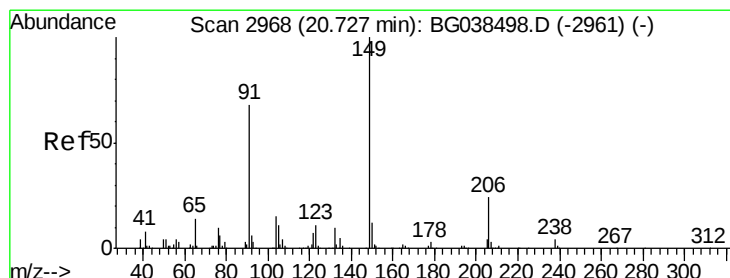
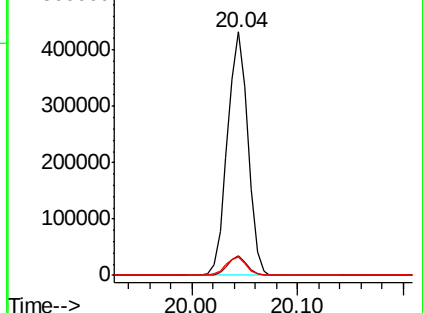
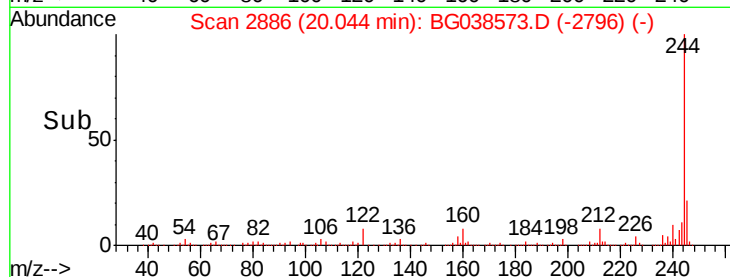
122 7.7 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.941 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

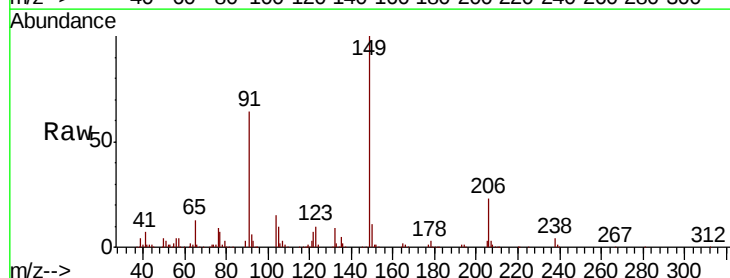
Tgt Ion:149 Resp: 161568

Ion Ratio Lower Upper

149 100

91 64.4 54.5 81.7

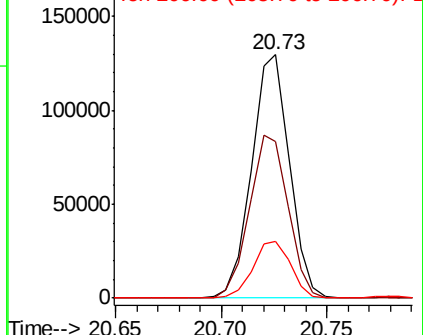
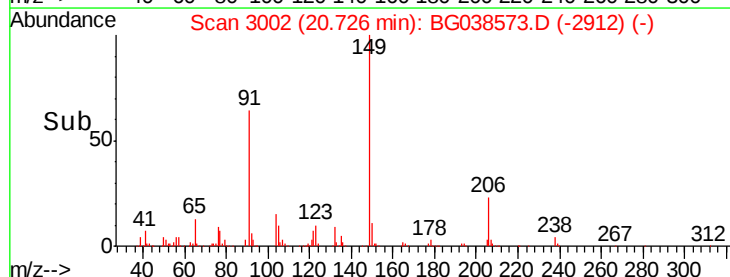
206 23.2 19.0 28.6

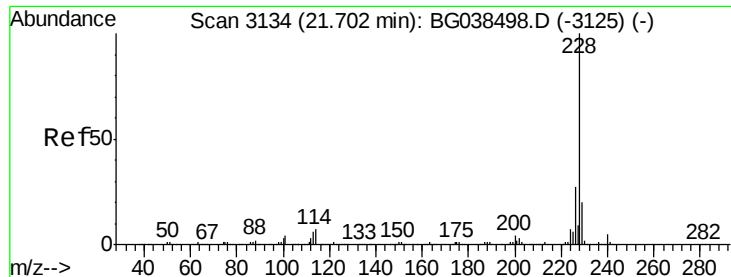


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

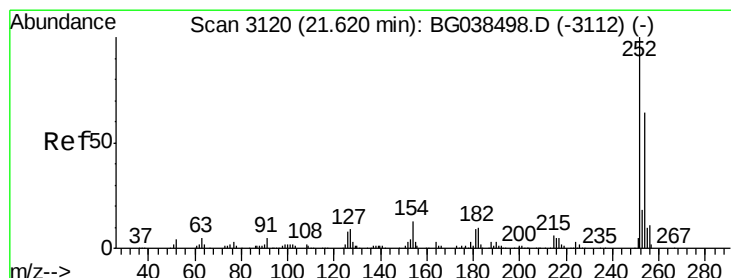
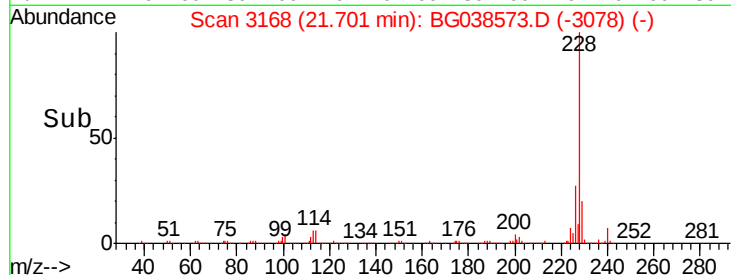
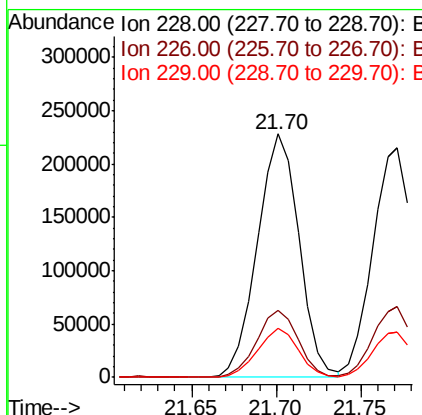
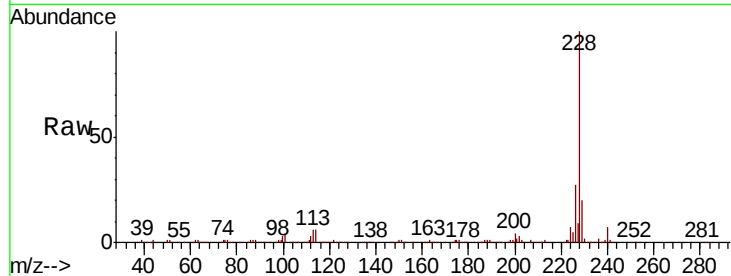




#81
 Benzo(a)anthracene
 Concen: 44.080 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

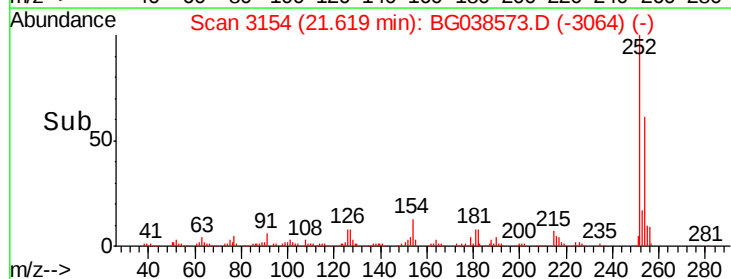
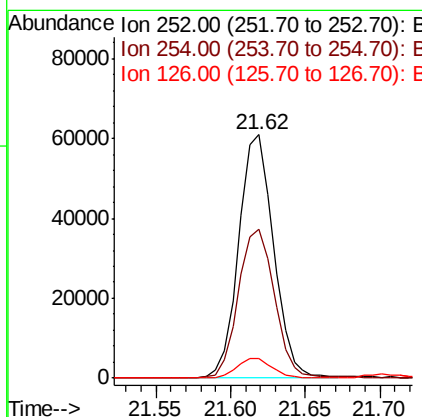
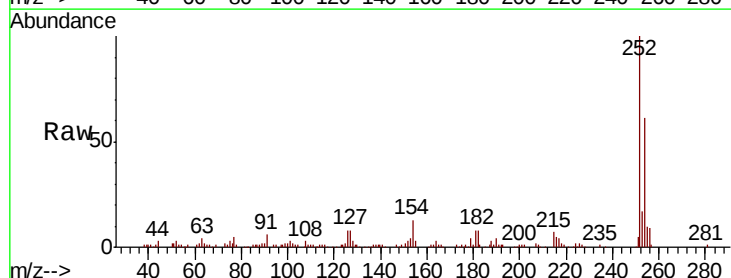
Instrument :
 BNA_G
 ClientSampleId :
 PB115343BS

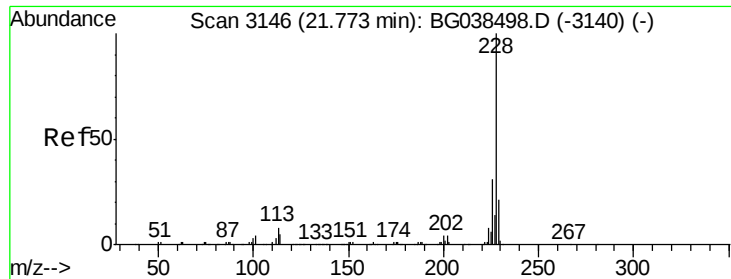
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	15.8	23.6



#82
 3,3'-Dichlorobenzidine
 Concen: 28.103 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG038573.D
 Acq: 14 Dec 2018 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.3	50.9	76.3
126	7.8	6.3	9.5





#83

Chrysene

Concen: 42.268 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

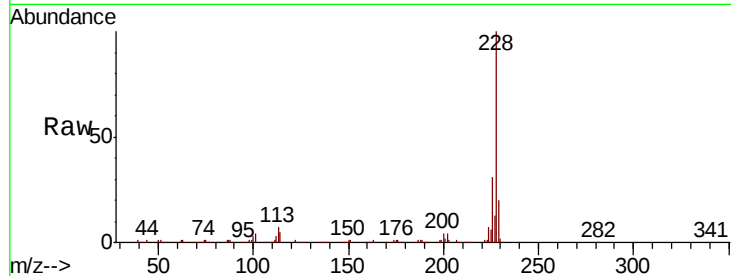
Tgt Ion:228 Resp: 361653

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.4

229 19.7 16.5 24.7

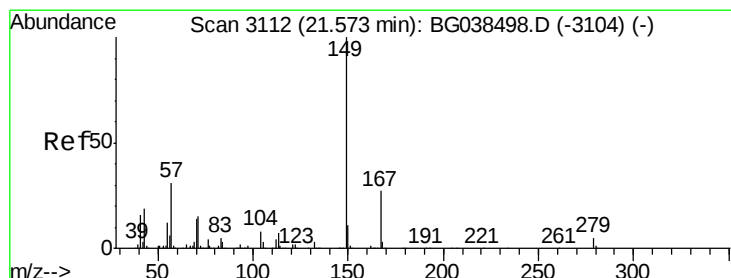
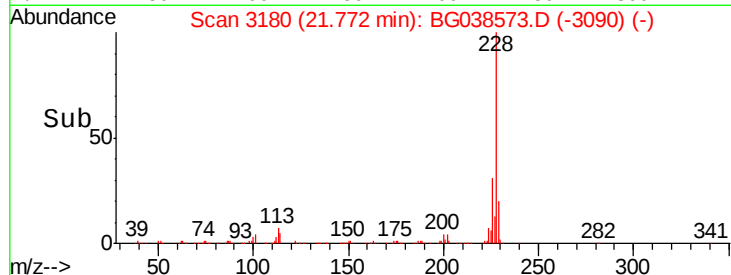
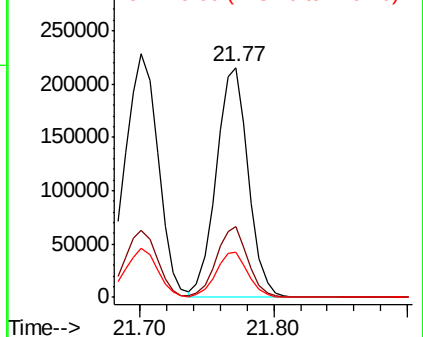


Abundance

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: 41.909 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

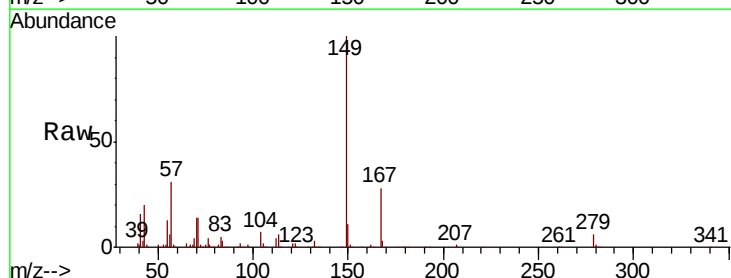
Tgt Ion:149 Resp: 223641

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 5.7 4.2 6.2

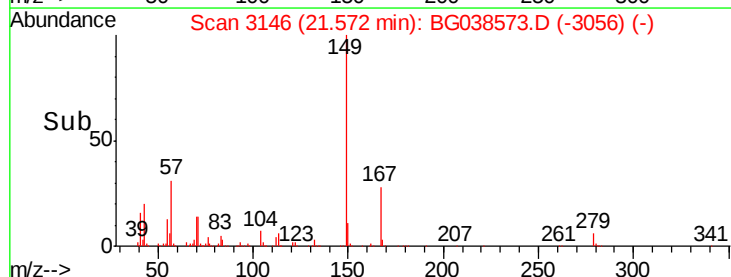
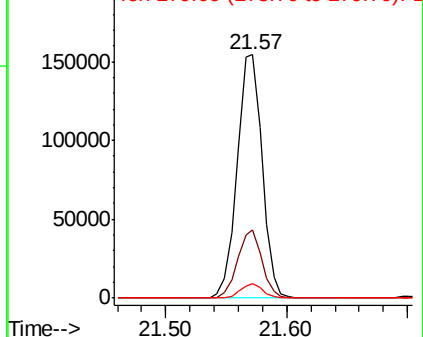


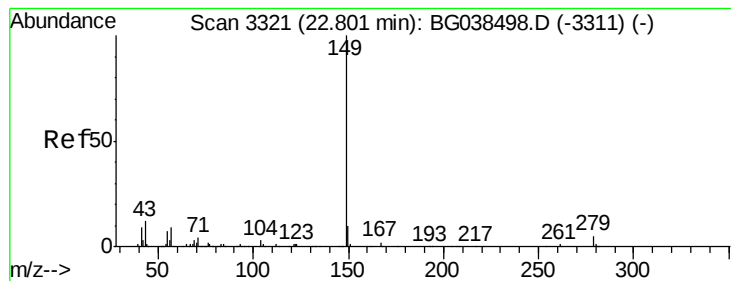
Abundance

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: 42.633 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

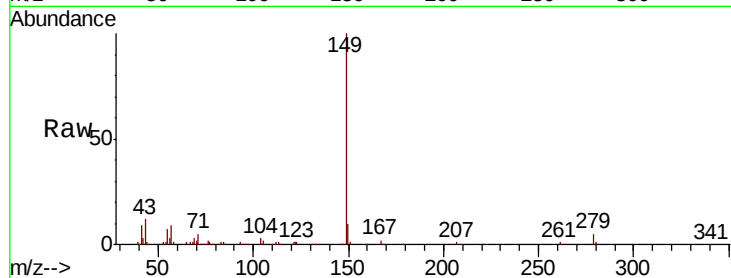
Instrument :

BNA_G

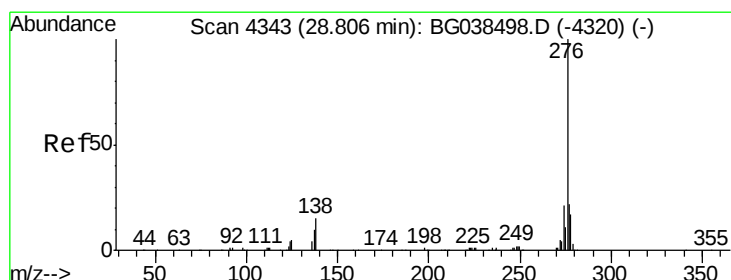
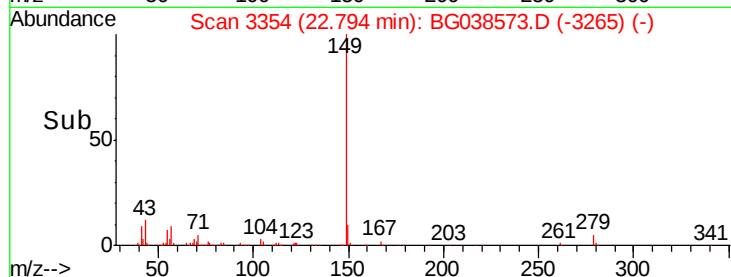
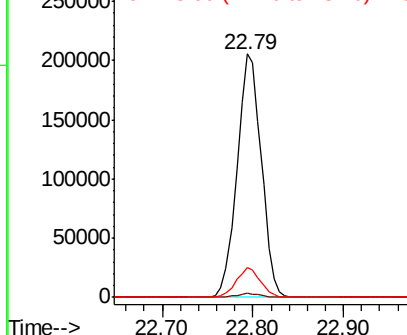
ClientSampled :

PB115343BS

Tgt Ion:	149	Resp:	381007
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	9.3	13.9



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.465 ng

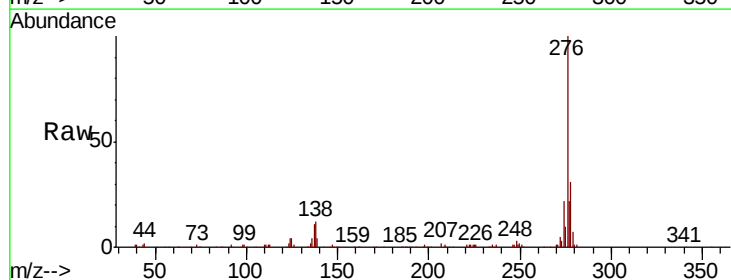
RT: 28.81 min Scan# 4378

Delta R.T. 0.00 min

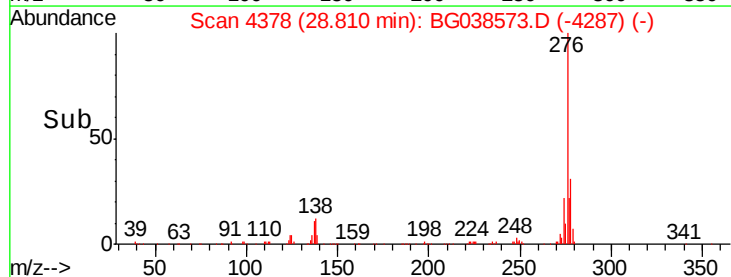
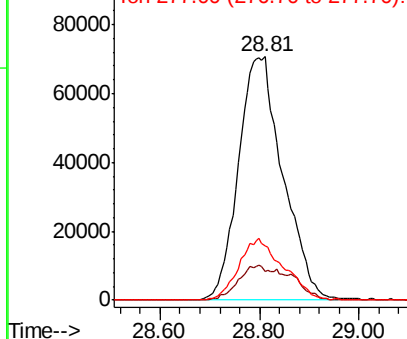
Lab File: BG038573.D

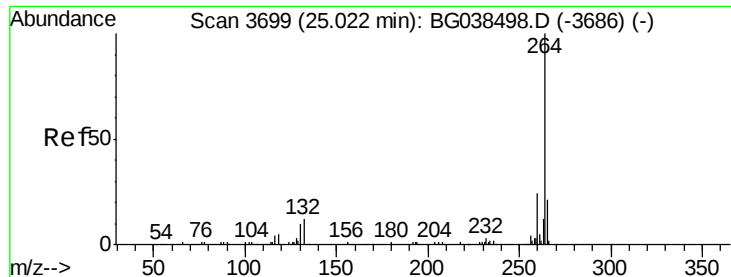
Acq: 14 Dec 2018 18:28

Tgt Ion:	276	Resp:	437215
Ion	Ratio	Lower	Upper
276	100		
138	16.9	14.4	21.6
277	25.3	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

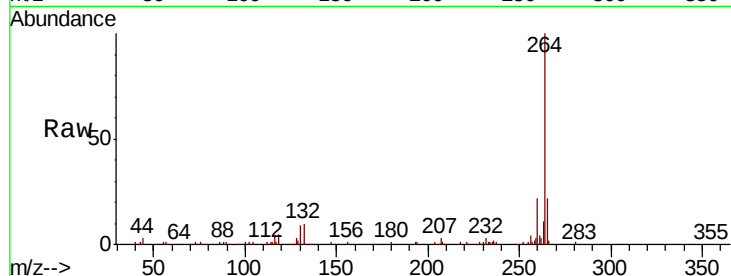
Tgt Ion:264 Resp: 158683

Ion Ratio Lower Upper

264 100

260 22.1 18.9 28.3

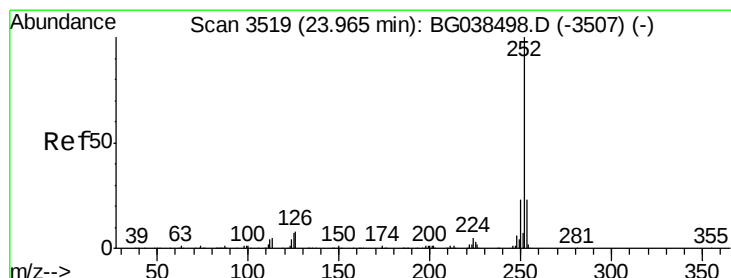
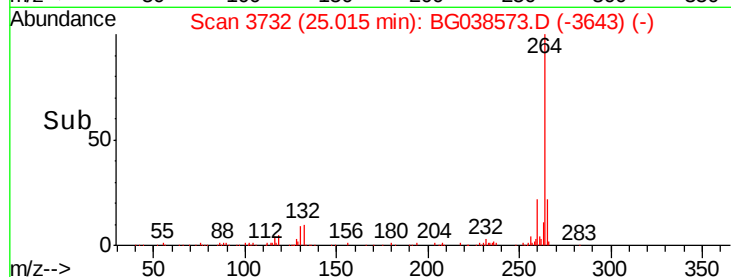
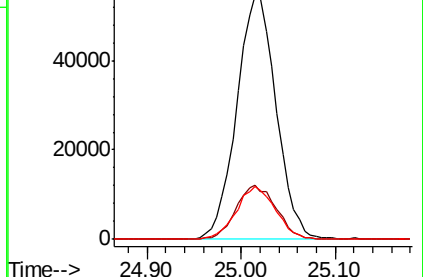
265 21.9 17.0 25.4



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: 44.576 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

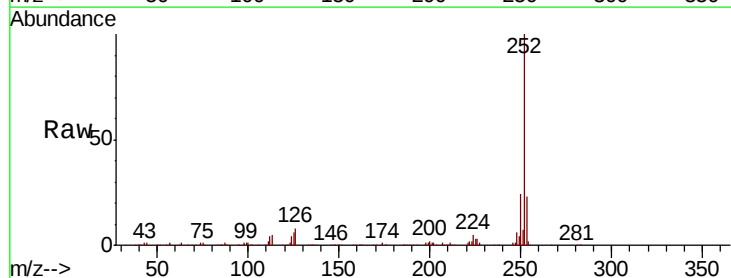
Tgt Ion:252 Resp: 388358

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

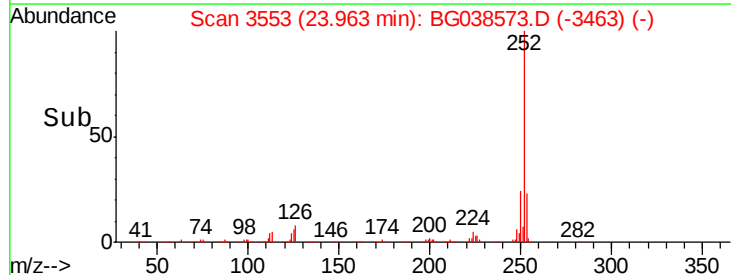
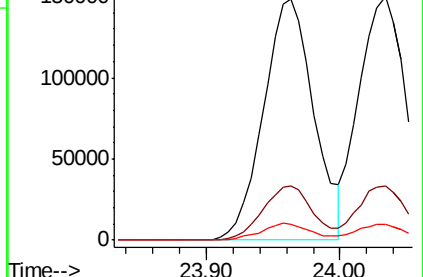
125 6.3 5.5 8.3

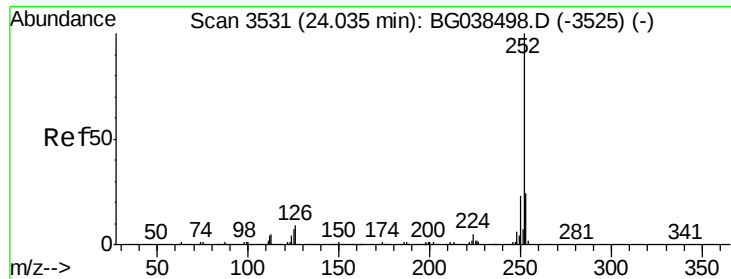


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

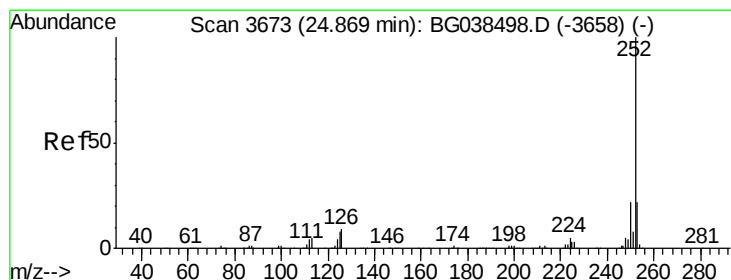
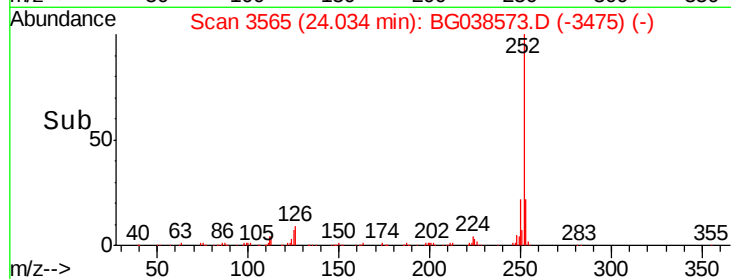
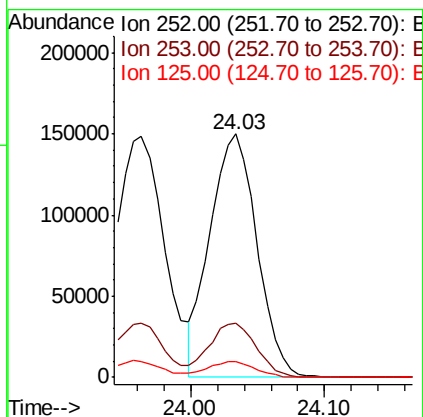
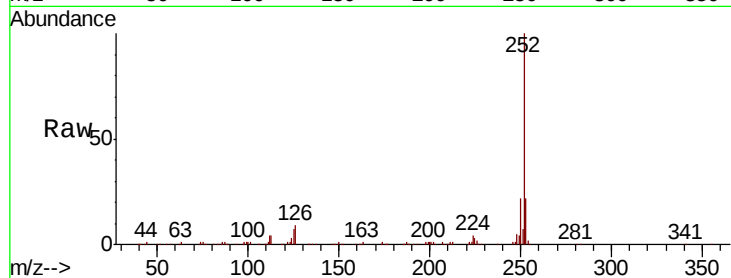




#89
Benzo(k)fluoranthene
Concen: 42.220 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

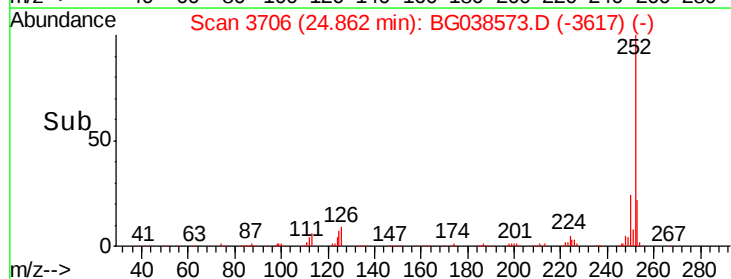
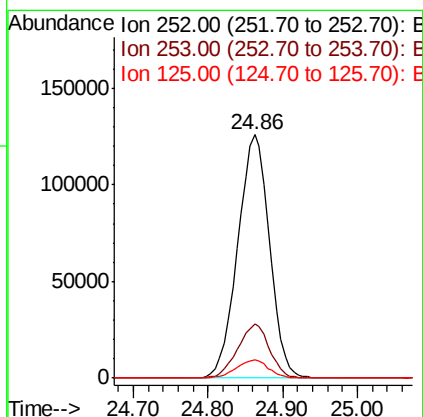
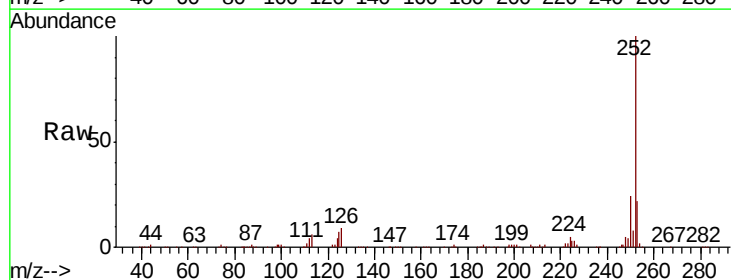
Instrument :
BNA_G
ClientSampleId :
PB115343BS

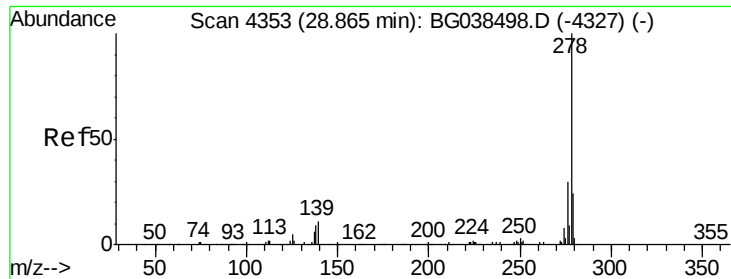
Tgt Ion:252 Resp: 366285
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 6.7 5.4 8.2



#90
Benzo(a)pyrene
Concen: 44.306 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038573.D
Acq: 14 Dec 2018 18:28

Tgt Ion:252 Resp: 372401
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 7.4 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 43.854 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

Instrument :

BNA_G

ClientSampleId :

PB115343BS

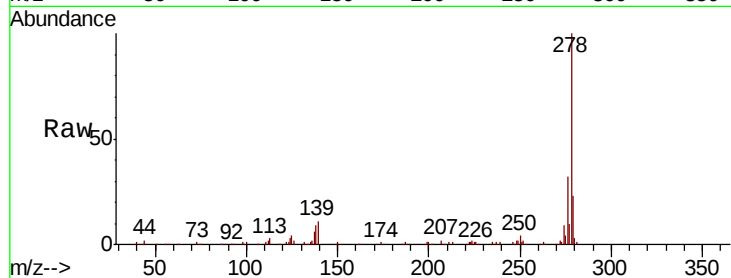
Tgt Ion:278 Resp: 367004

Ion Ratio Lower Upper

278 100

139 10.7 8.6 12.8

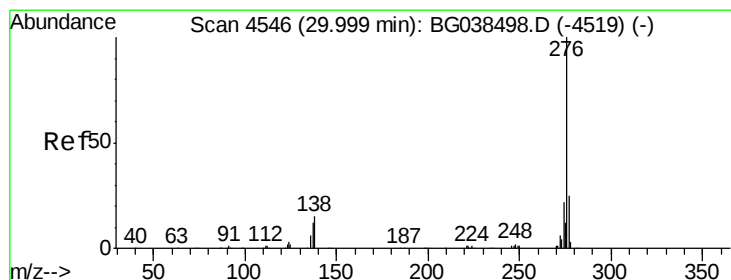
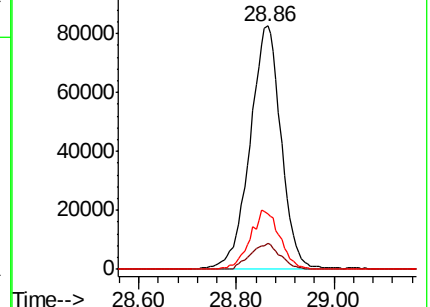
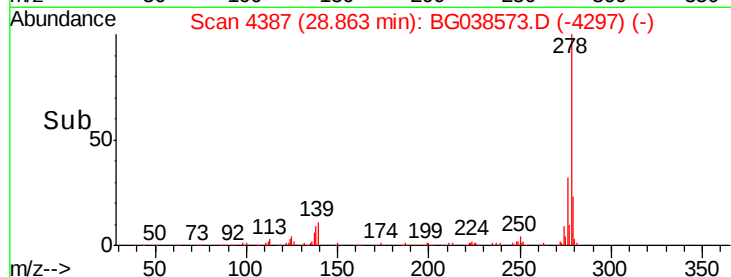
279 22.8 19.0 28.6



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: 43.556 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038573.D

Acq: 14 Dec 2018 18:28

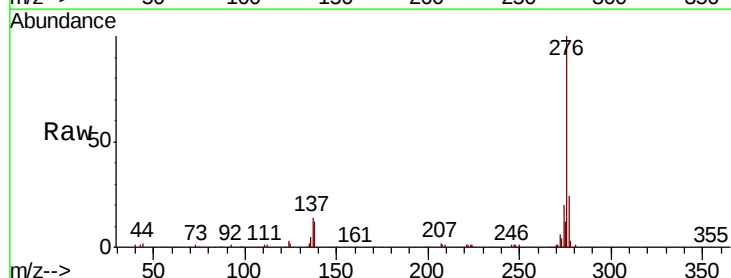
Tgt Ion:276 Resp: 359225

Ion Ratio Lower Upper

276 100

277 23.6 19.8 29.8

138 12.3 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

