

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120518\
 Data File : BG038373.D
 Acq On : 6 Dec 2018 00:23
 Operator : JU/SJ
 Sample : PB115183BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Quant Time: Dec 06 04:10:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27310	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	130170	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	82274	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	214219	20.00	ng	0.00
76) Chrysene-d12	21.74	240	195077	20.00	ng	0.00
87) Perylene-d12	25.05	264	196525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	193810	125.59	ng	0.00
7) Phenol-d6	7.22	99	254439	114.07	ng	0.00
23) Nitrobenzene-d5	9.25	82	251911	96.08	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	112151	111.04	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	565528	97.94	ng	0.00
79) Terphenyl-d14	20.06	244	931343	102.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	24184	34.192	ng	# 89
3) Pyridine	3.90	79	109667	51.827	ng	97
4) n-Nitrosodimethylamine	3.83	42	60588	65.367	ng	95
6) Aniline	7.40	93	94752	33.260	ng	97
8) 2-Chlorophenol	7.63	128	100032	55.812	ng	99
9) Benzaldehyde	7.21	77	56019	39.662	ng	97
10) Phenol	7.25	94	132691	56.304	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	89905	46.581	ng	95
12) 1,3-Dichlorobenzene	7.96	146	96211	45.929	ng	94
13) 1,4-Dichlorobenzene	8.11	146	99855	46.071	ng	98
14) 1,2-Dichlorobenzene	8.43	146	96470	50.452	ng	99
15) Benzyl Alcohol	8.31	79	100471	54.789	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	205287	46.761	ng	96
17) 2-Methylphenol	8.51	107	90651	57.508	ng	93
18) Hexachloroethane	9.15	117	39943	51.061	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	81574	50.596	ng	91
20) 3+4-Methylphenols	8.84	107	132731	55.905	ng	95
22) Acetophenone	8.90	105	154046	49.654	ng	# 94
24) Nitrobenzene	9.30	77	126462	47.475	ng	94
25) Isophorone	9.81	82	329738	71.564	ng	98
26) 2-Nitrophenol	10.00	139	78598	63.681	ng	97
27) 2,4-Dimethylphenol	10.05	122	123714	69.785	ng	94
28) bis(2-Chloroethoxy)methane	10.29	93	147442	55.820	ng	96
29) 2,4-Dichlorophenol	10.53	162	113891	56.280	ng	100
30) 1,2,4-Trichlorobenzene	10.75	180	110147	46.367	ng	98
31) Naphthalene	10.94	128	313757	50.460	ng	99
32) Benzoic acid	10.20	122	66513	52.369	ng	97
33) 4-Chloroaniline	11.06	127	35901	13.043	ng	94
34) Hexachlorobutadiene	11.20	225	67964	45.732	ng	96
35) Caprolactam	11.85	113	22348	26.705	ng	# 75
36) 4-Chloro-3-methylphenol	12.16	107	121095	53.858	ng	98
37) 2-Methylnaphthalene	12.54	142	239274	54.036	ng	98
38) 1-Methylnaphthalene	12.76	142	228302	53.831	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	131396	46.413	ng	98

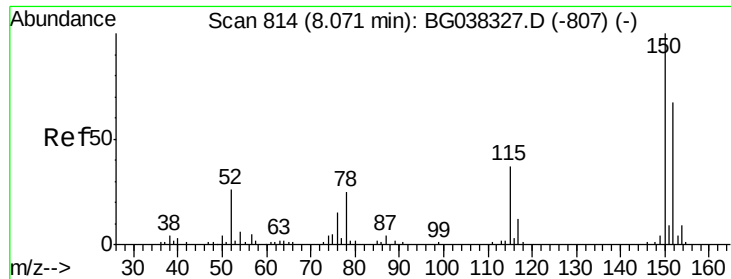
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120518\
 Data File : BG038373.D
 Acq On : 6 Dec 2018 00:23
 Operator : JU/SJ
 Sample : PB115183BSD
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Instrument :
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Quant Time: Dec 06 04:10:53 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	173809	111.719	ng	99
43) 2,4,6-Trichlorophenol	13.14	196	96812	52.790	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	105450	54.277	ng	97
46) 1,1'-Biphenyl	13.54	154	312866	44.987	ng	98
47) 2-Chloronaphthalene	13.59	162	248411	47.336	ng	99
48) 2-Nitroaniline	13.80	65	87343	49.609	ng	97
49) Acenaphthylene	14.44	152	417954	52.881	ng	99
50) Dimethylphthalate	14.16	163	339692	51.476	ng	99
51) 2,6-Dinitrotoluene	14.29	165	77404	51.348	ng	93
52) Acenaphthene	14.77	154	239482	49.703	ng	99
53) 3-Nitroaniline	14.62	138	37224	22.928	ng	# 96
54) 2,4-Dinitrophenol	14.83	184	100389	121.487	ng	85
55) Dibenzofuran	15.11	168	398942	50.083	ng	97
56) 4-Nitrophenol	14.92	139	128968	100.563	ng	# 82
57) 2,4-Dinitrotoluene	15.08	165	109621	52.725	ng	96
58) Fluorene	15.75	166	319859	54.503	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	96466	57.170	ng	97
60) Diethylphthalate	15.51	149	361121	49.394	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	173677	49.270	ng	98
62) 4-Nitroaniline	15.79	138	82263	51.518	ng	86
63) Azobenzene	16.03	77	320886	50.151	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	68437	48.759	ng	94
66) n-Nitrosodiphenylamine	15.96	169	294637	48.911	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	117436	50.765	ng	99
68) Hexachlorobenzene	16.75	284	117099	49.075	ng	98
69) Atrazine	16.90	200	117129	52.109	ng	99
70) Pentachlorophenol	17.10	266	143062	87.535	ng	96
71) Phenanthrene	17.50	178	575834	53.676	ng	99
72) Anthracene	17.59	178	565027	54.387	ng	99
73) Carbazole	17.87	167	498298	48.326	ng	100
74) Di-n-butylphthalate	18.40	149	602089	49.983	ng	98
75) Fluoranthene	19.51	202	747428	59.632	ng	98
77) Benzidine	19.69	184	229656	34.887	ng	99
78) Pyrene	19.87	202	685268	50.206	ng	98
80) Butylbenzylphthalate	20.73	149	270792	49.327	ng	99
81) Benzo(a)anthracene	21.72	228	639305	53.322	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	137145	29.405	ng	99
83) Chrysene	21.79	228	592386	52.212	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	420680	54.065	ng	99
85) Di-n-octyl phthalate	22.82	149	709875	53.206	ng	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	705785	54.736	ng	# 97
88) Benzo(b)fluoranthene	23.99	252	618077	55.661	ng	99
89) Benzo(k)fluoranthene	24.06	252	604813	54.687	ng	98
90) Benzo(a)pyrene	24.89	252	596903	55.417	ng	# 98
91) Dibenzo(a,h)anthracene	28.90	278	580017	56.777	ng	97
92) Benzo(g,h,i)perylene	30.05	276	585215	57.739	ng	# 95

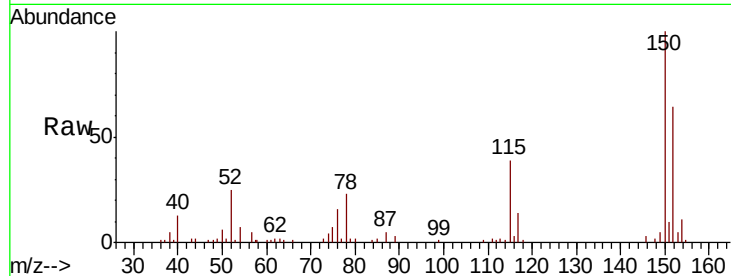
(#) = qualifier out of range (m) = manual integration (+) = signals summed



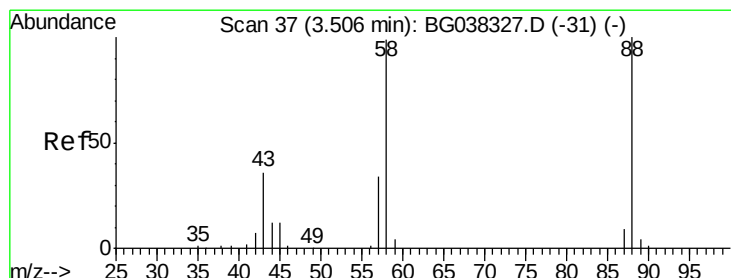
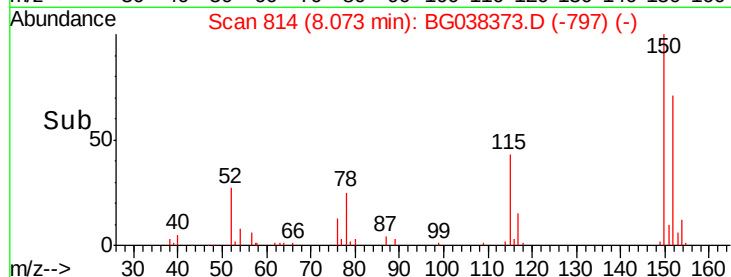
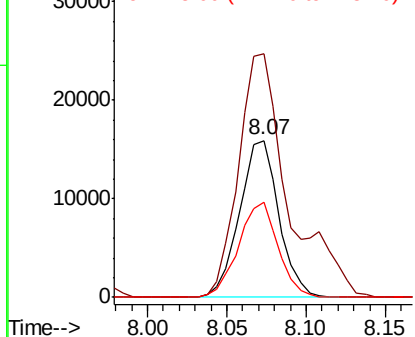
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tgt Ion:152 Resp: 27310
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.0 189.0
 115 60.5 45.5 68.3

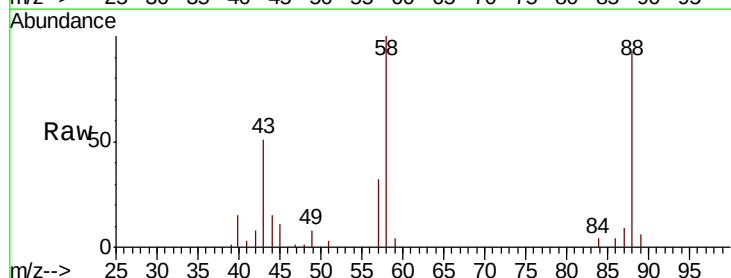


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

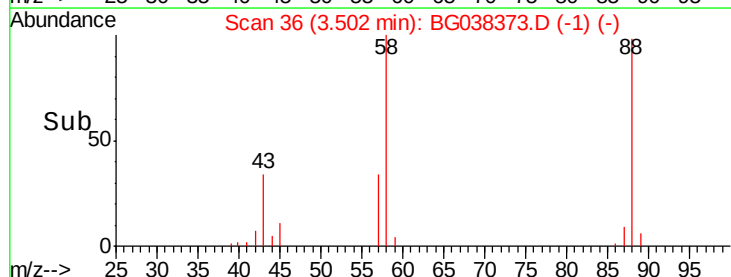
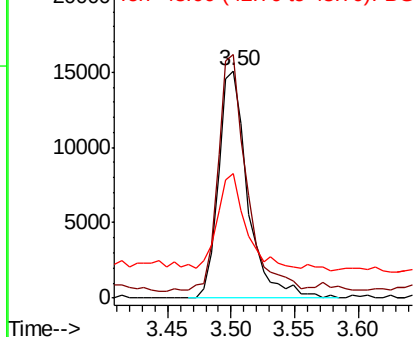


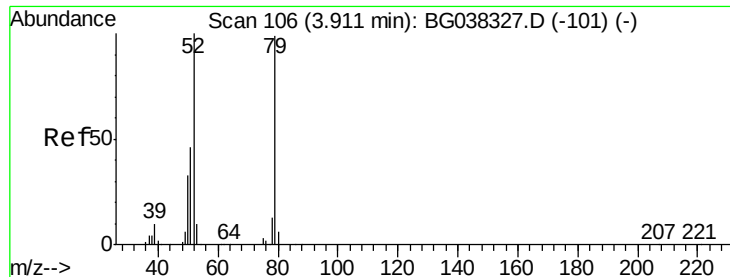
#2
 1,4-Dioxane
 Concen: 34.192 ng
 RT: 3.50 min Scan# 36
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion: 88 Resp: 24184
 Ion Ratio Lower Upper
 88 100
 58 103.2 74.4 111.6
 43 39.5 25.8 38.8#



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: 51.827 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

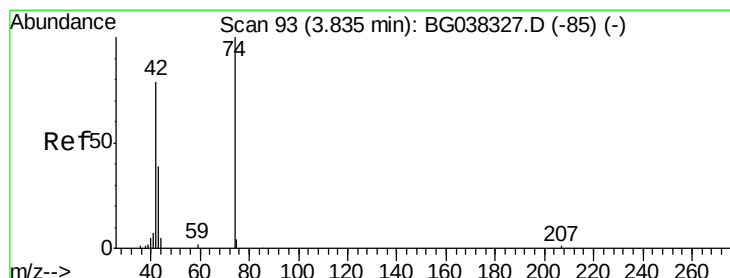
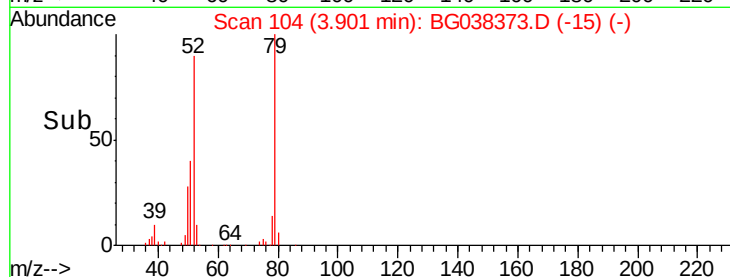
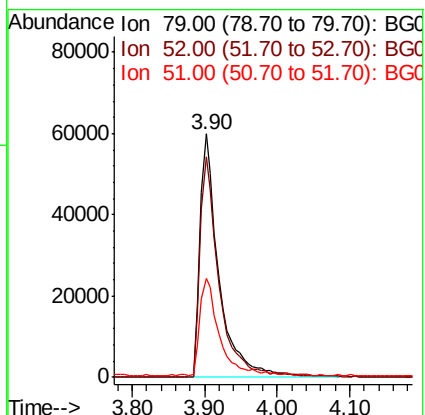
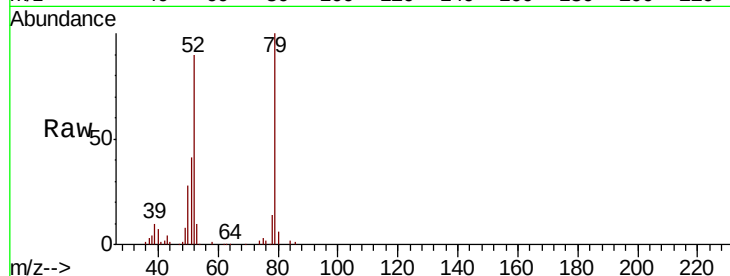
Tgt Ion: 79 Resp: 109667

Ion Ratio Lower Upper

79 100

52 90.4 74.2 111.2

51 40.5 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 65.367 ng

RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

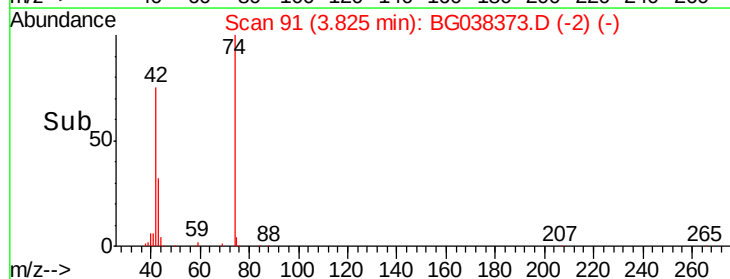
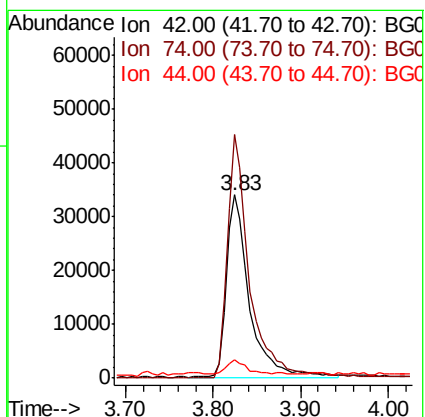
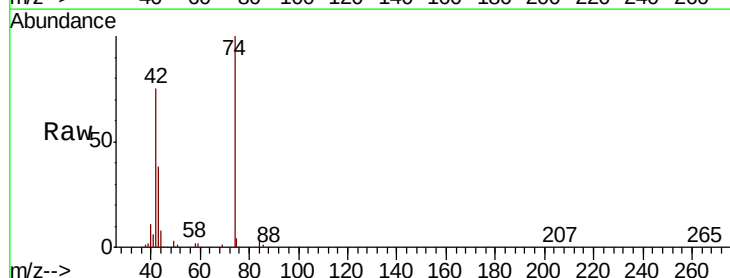
Tgt Ion: 42 Resp: 60588

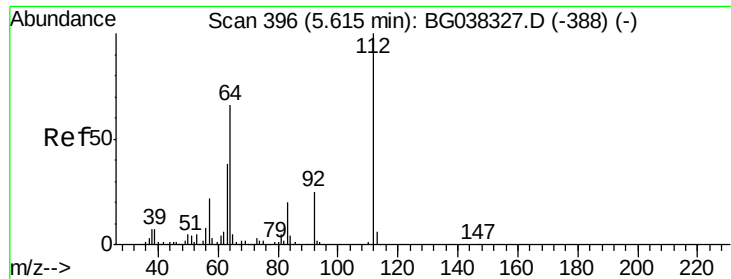
Ion Ratio Lower Upper

42 100

74 133.0 102.0 153.0

44 10.1 9.6 14.4





#5

2-Fluorophenol

Concen: 125.586 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

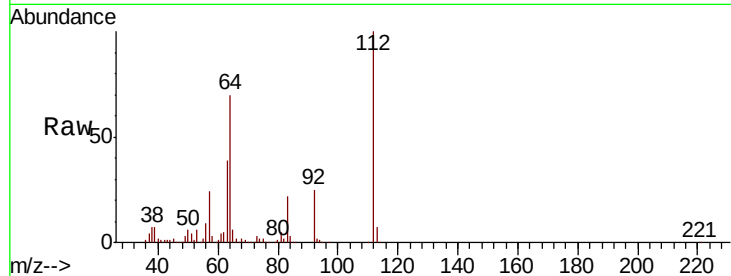
Tgt Ion: 112 Resp: 193810

Ion Ratio Lower Upper

112 100

64 69.6 53.1 79.7

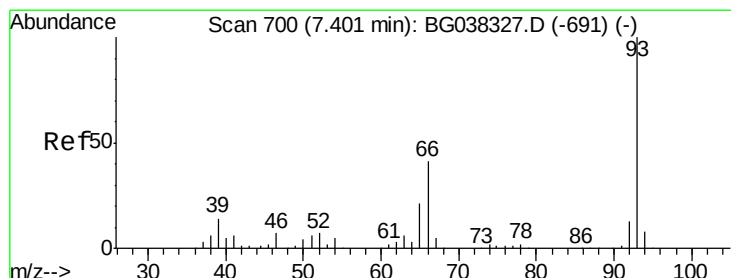
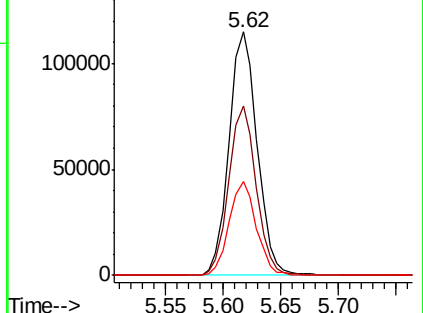
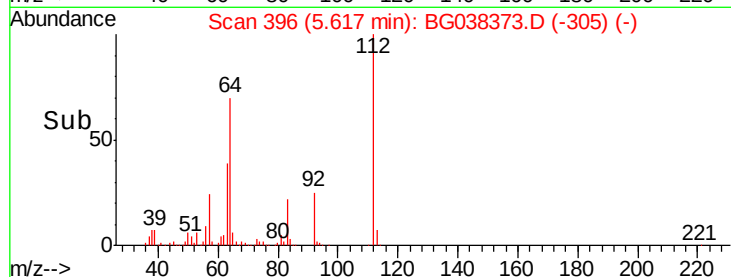
63 38.5 27.3 40.9



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: 33.260 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

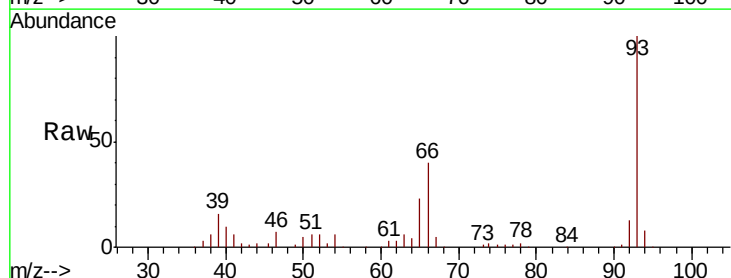
Tgt Ion: 93 Resp: 94752

Ion Ratio Lower Upper

93 100

66 39.9 32.8 49.2

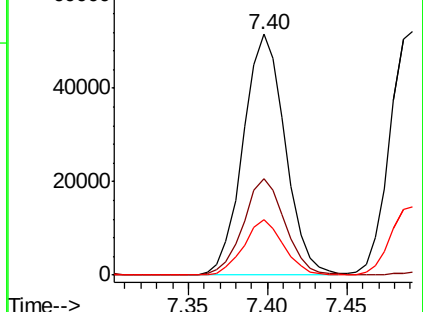
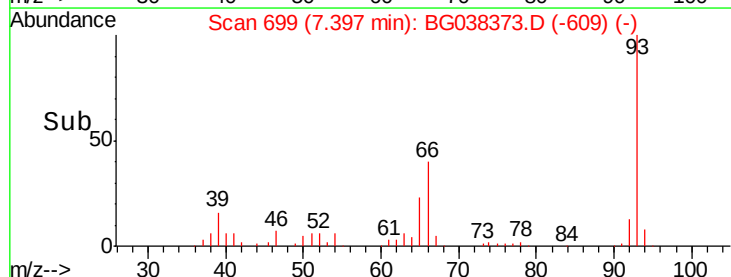
65 22.8 16.4 24.6

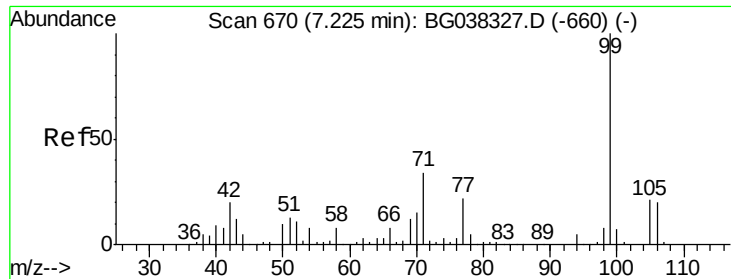


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.072 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

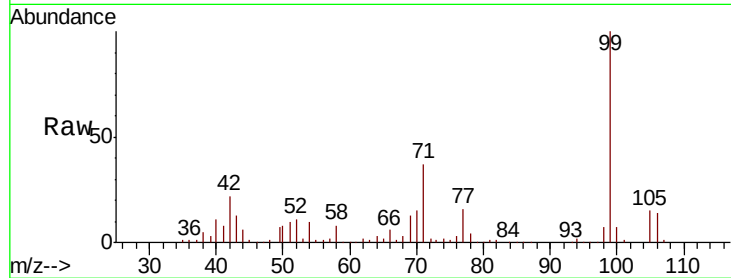
Tgt Ion: 99 Resp: 254439

Ion Ratio Lower Upper

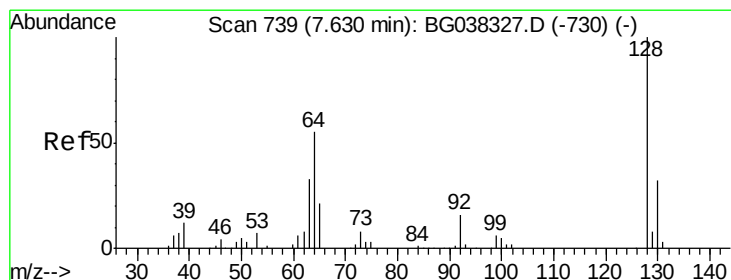
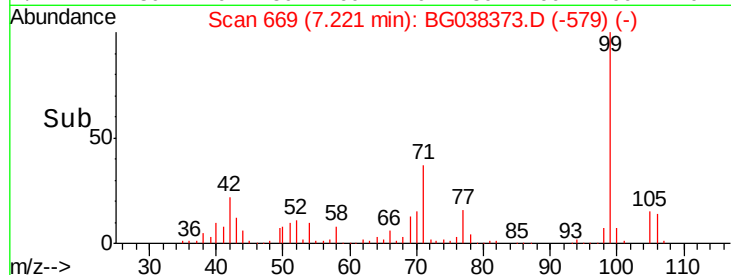
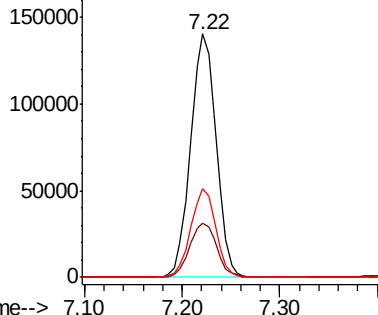
99 100

42 22.1 15.0 22.4

71 36.6 25.5 38.3



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: 55.812 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

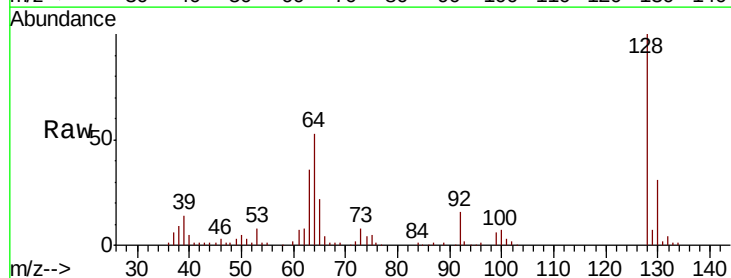
Tgt Ion: 128 Resp: 100032

Ion Ratio Lower Upper

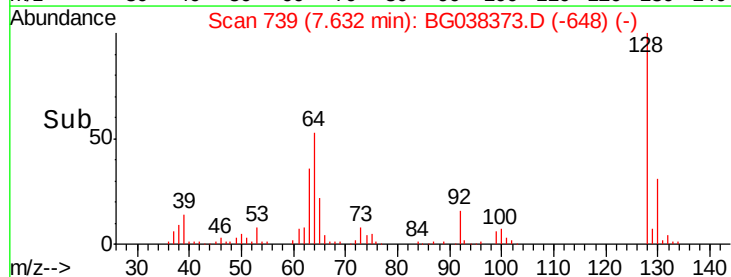
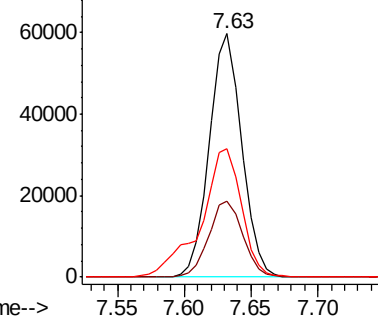
128 100

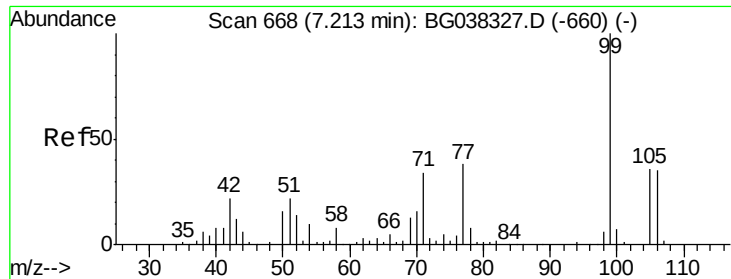
130 31.2 12.0 52.0

64 52.6 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 39.662 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

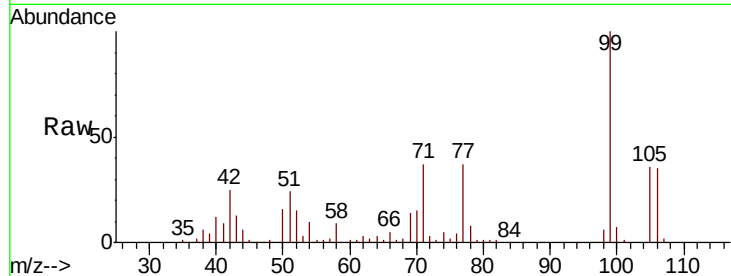
Tgt Ion: 77 Resp: 56019

Ion Ratio Lower Upper

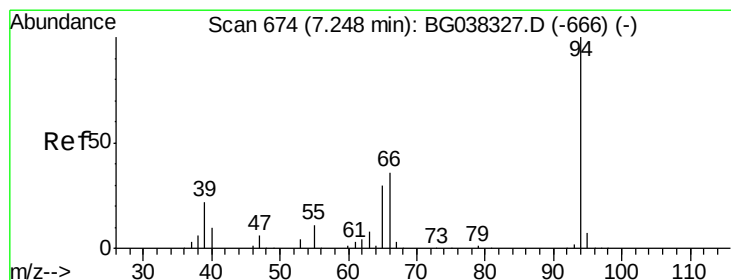
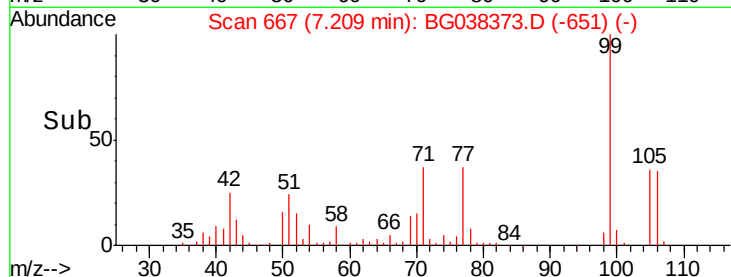
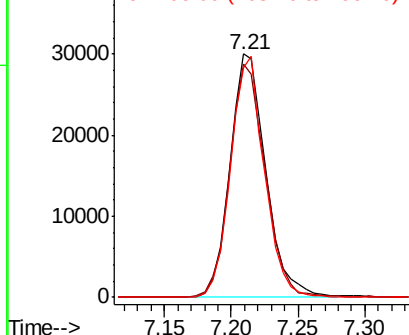
77 100

105 95.8 72.6 112.6

106 94.4 71.3 111.3



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: 56.304 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

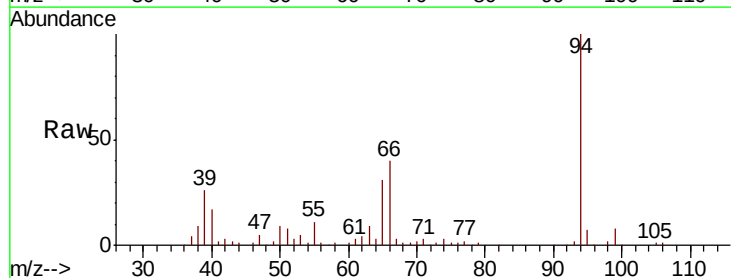
Tgt Ion: 94 Resp: 132691

Ion Ratio Lower Upper

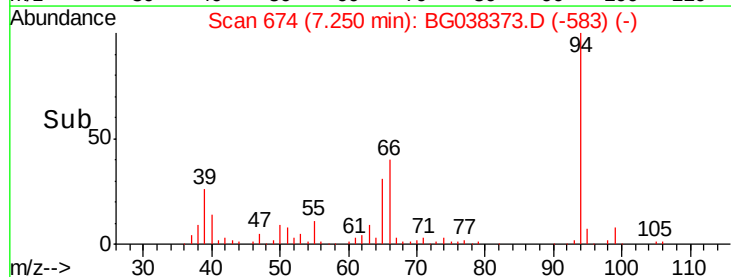
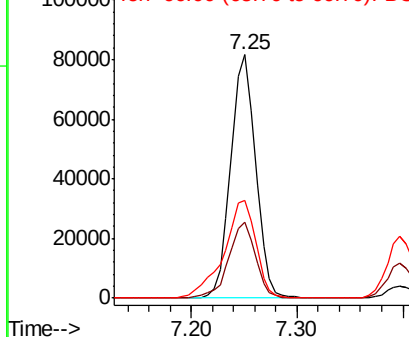
94 100

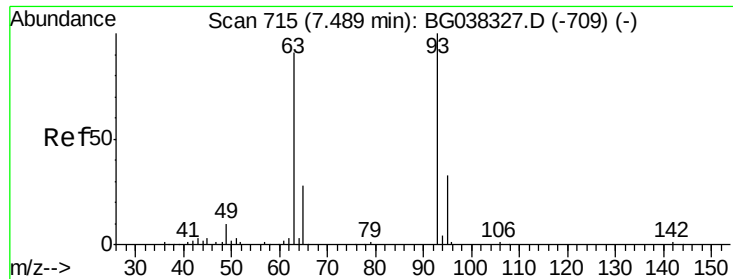
65 31.1 9.7 49.7

66 40.2 15.9 55.9



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

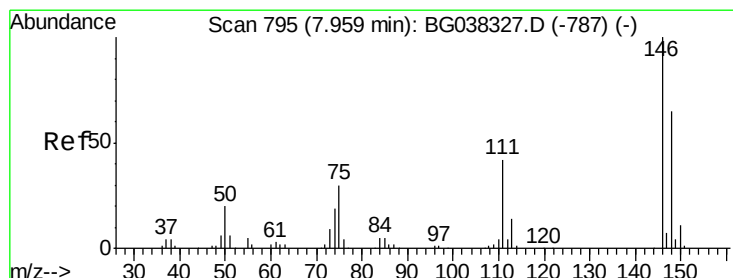
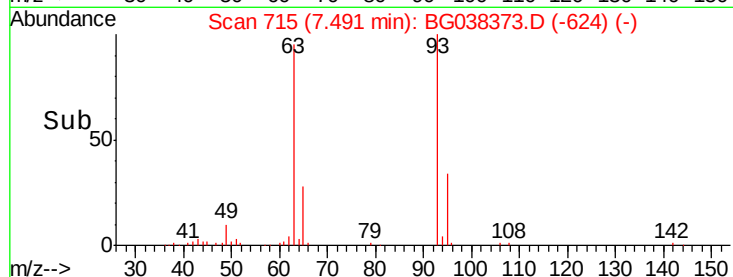
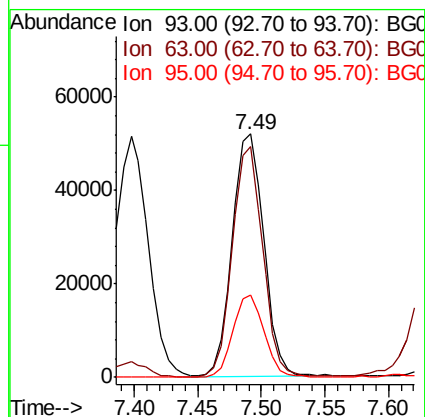
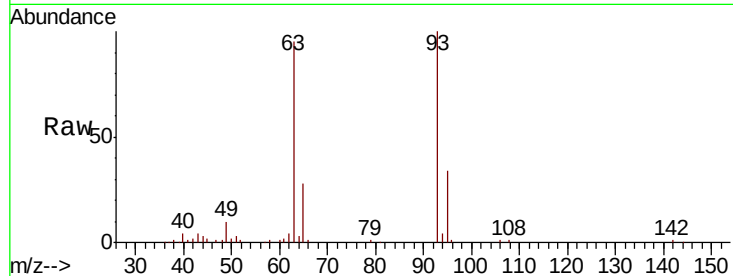




#11
bis(2-Chloroethyl)ether
Concen: 46.581 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

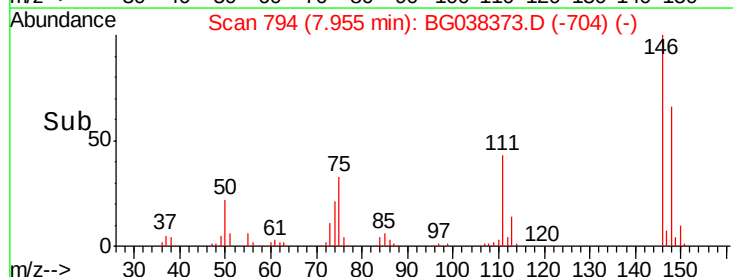
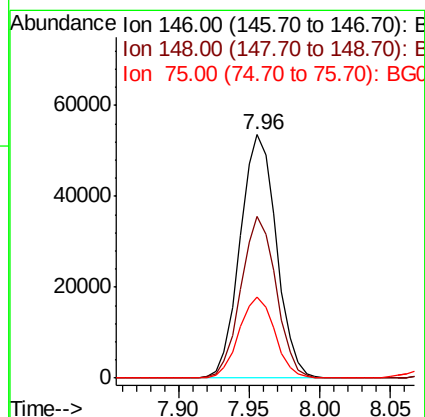
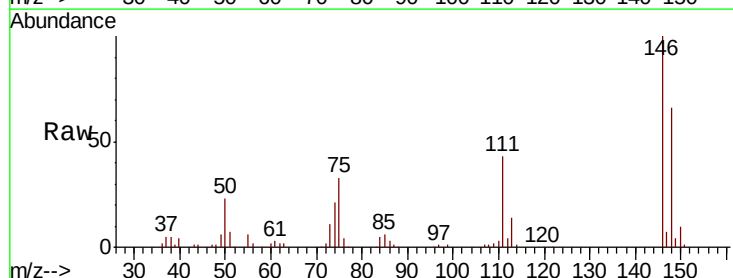
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

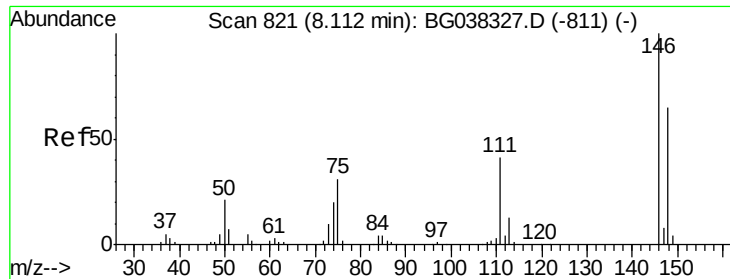
Tgt Ion: 93 Resp: 89905
Ion Ratio Lower Upper
93 100
63 94.8 69.5 109.5
95 33.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 45.929 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion: 146 Resp: 96211
Ion Ratio Lower Upper
146 100
148 66.2 49.8 74.8
75 33.4 23.2 34.8

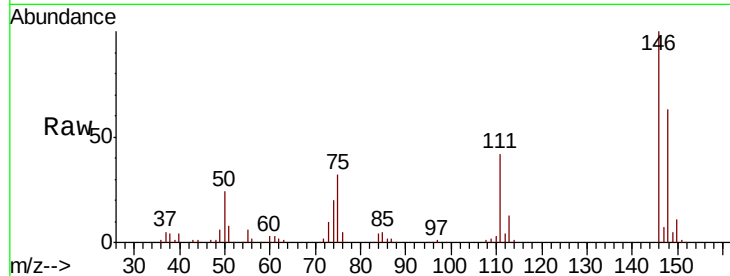




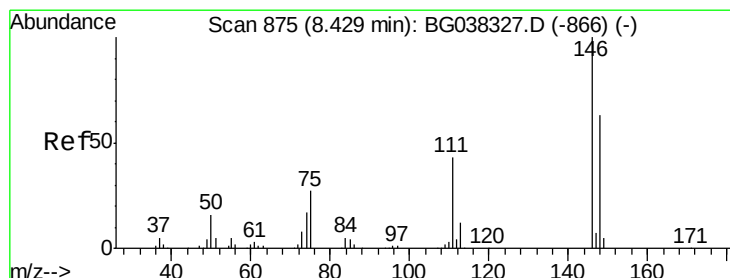
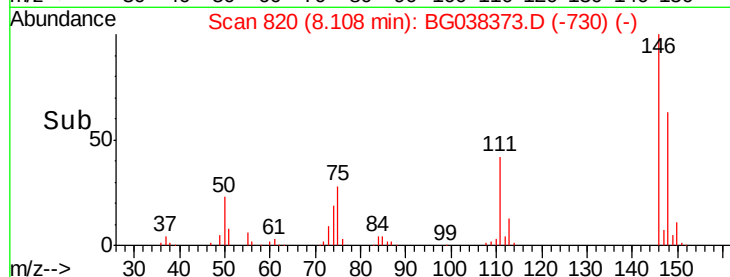
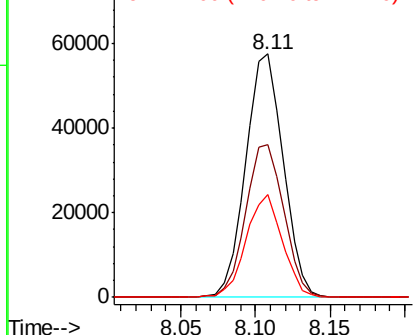
#13
 1,4-Dichlorobenzene
 Concen: 46.071 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tgt Ion:146 Resp: 99855
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.6
 111 42.2 32.4 48.6

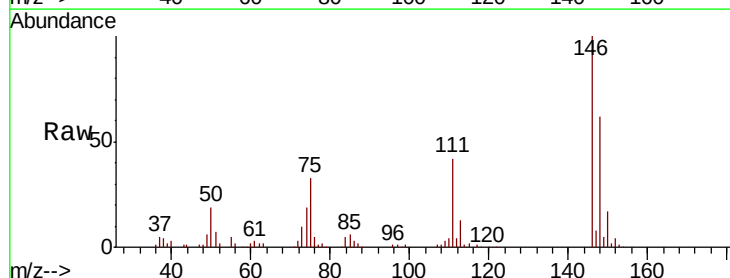


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

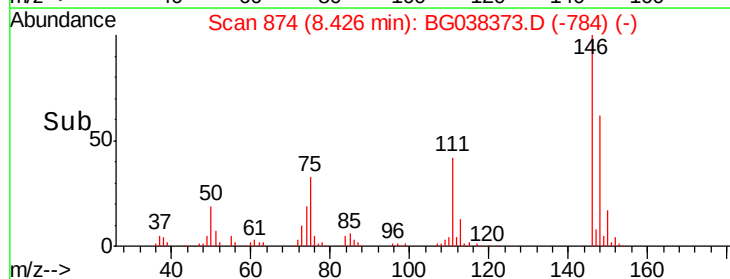
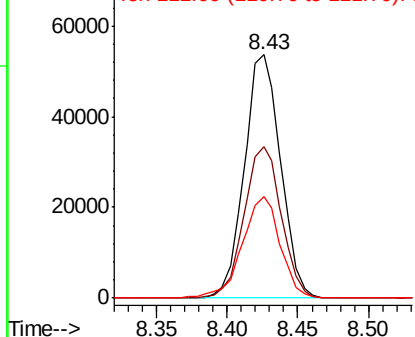


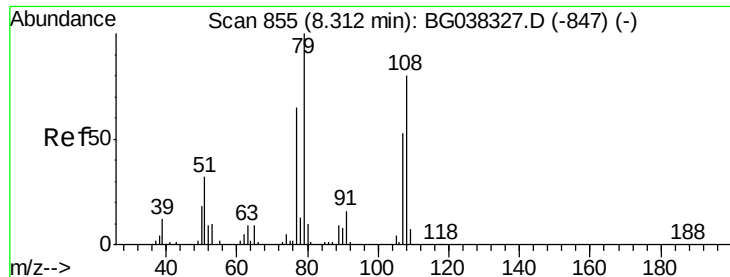
#14
 1,2-Dichlorobenzene
 Concen: 50.452 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:146 Resp: 96470
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.4 75.6
 111 41.7 34.6 51.8



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: 54.789 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

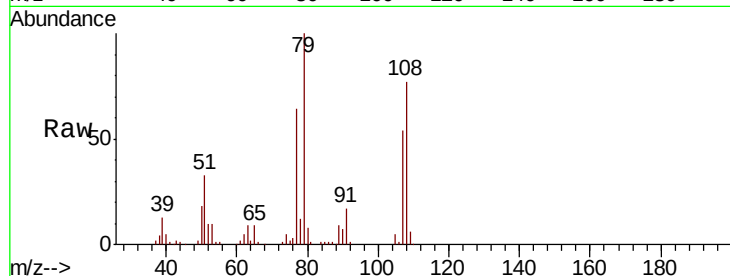
Tgt Ion: 79 Resp: 100471

Ion Ratio Lower Upper

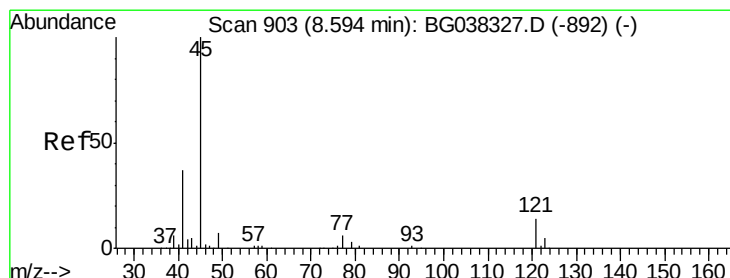
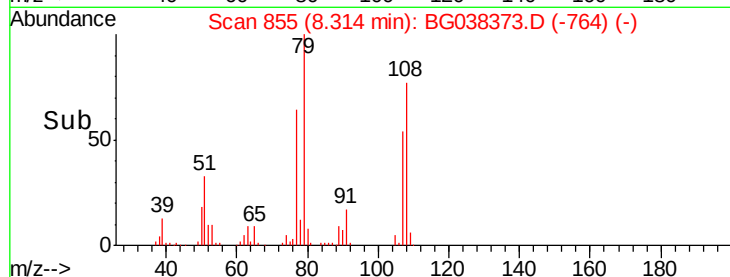
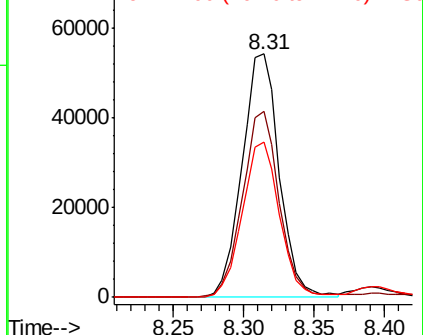
79 100

108 76.6 65.8 98.8

77 63.6 52.9 79.3



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: 46.761 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

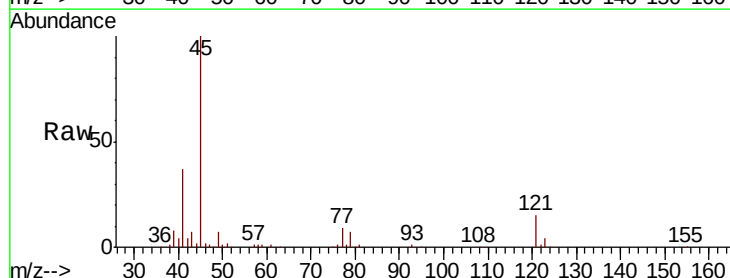
Tgt Ion: 45 Resp: 205287

Ion Ratio Lower Upper

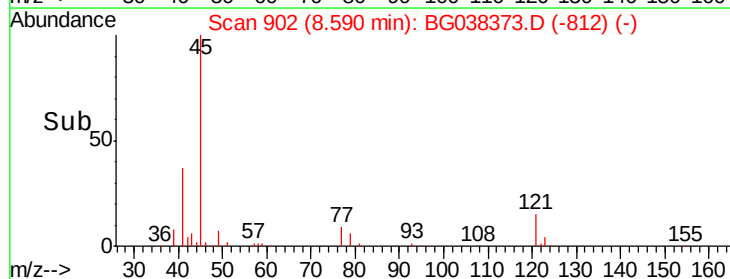
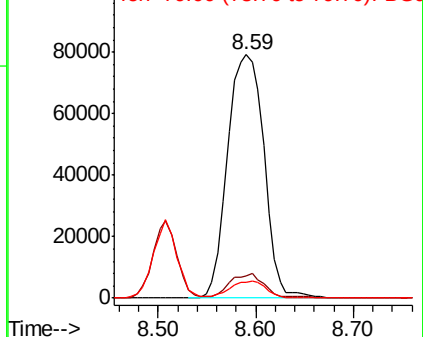
45 100

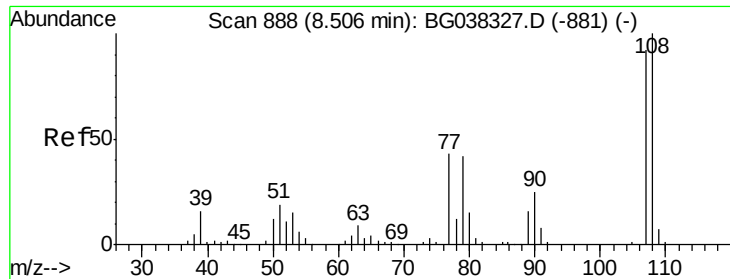
77 9.3 0.0 30.0

79 6.7 0.0 29.0



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

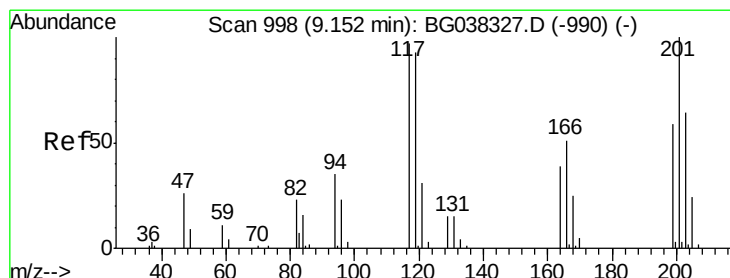
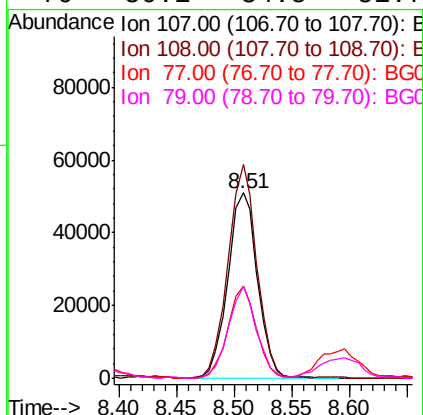
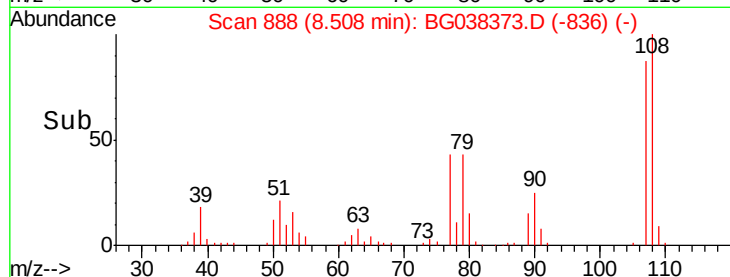
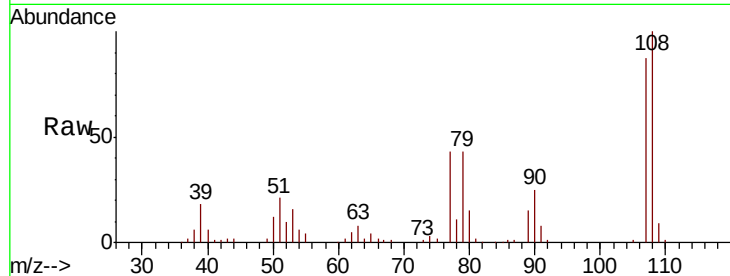




#17
2-Methylphenol
Concen: 57.508 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

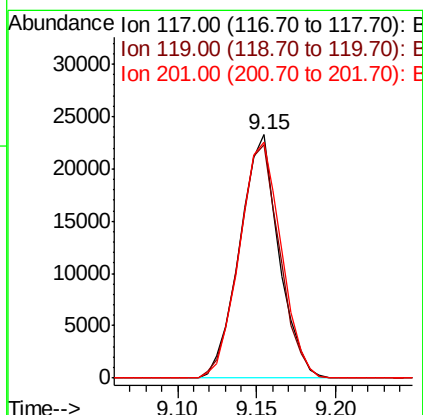
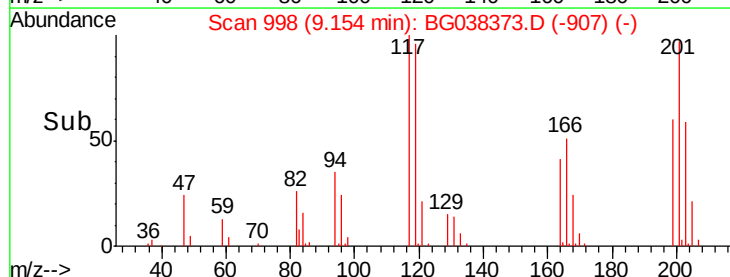
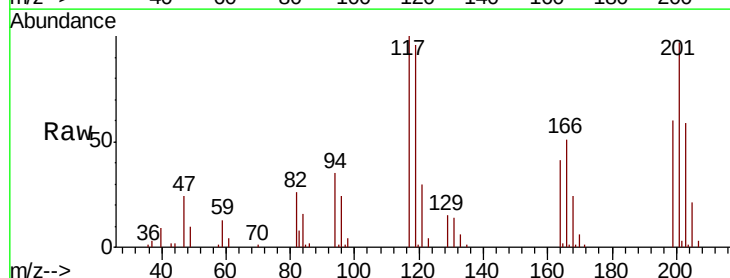
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

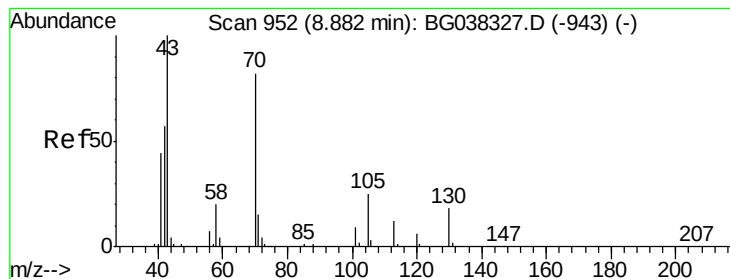
Tgt Ion:	107	Resp:	90651
Ion	Ratio	Lower	Upper
107	100		
108	115.4	87.9	131.9
77	49.7	35.1	52.7
79	50.1	34.5	51.7



#18
Hexachloroethane
Concen: 51.061 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:	117	Resp:	39943
Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.6	111.8
201	99.8	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 50.596 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tgt Ion: 70 Resp: 81574

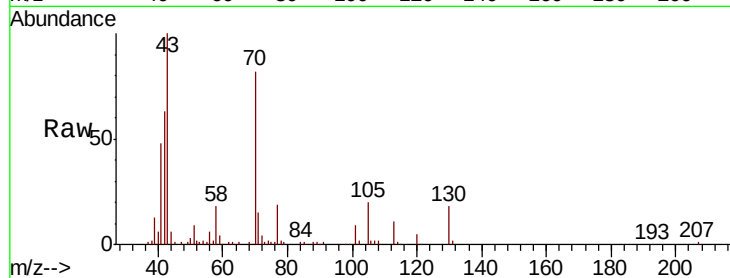
Ion Ratio Lower Upper

70 100

42 77.3 53.9 80.9

101 11.0 8.2 12.2

130 21.7 18.2 27.4

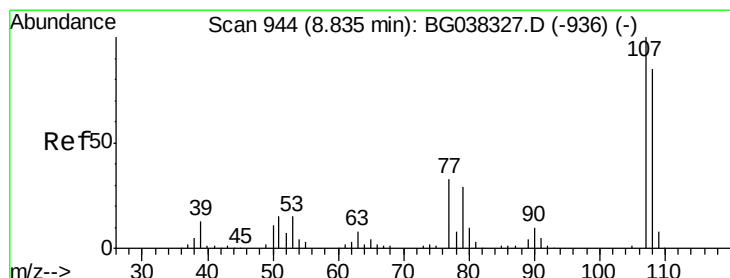
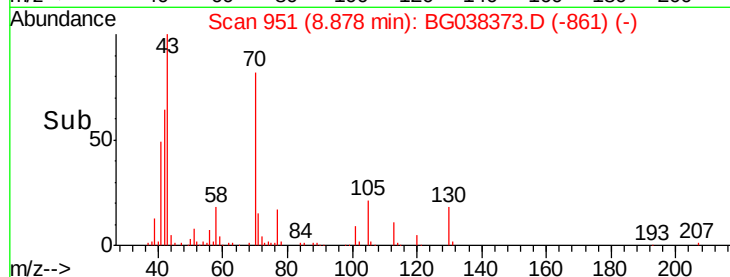
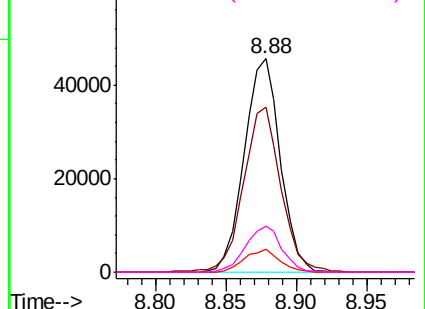


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 55.905 ng

RT: 8.84 min Scan# 944

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion: 107 Resp: 132731

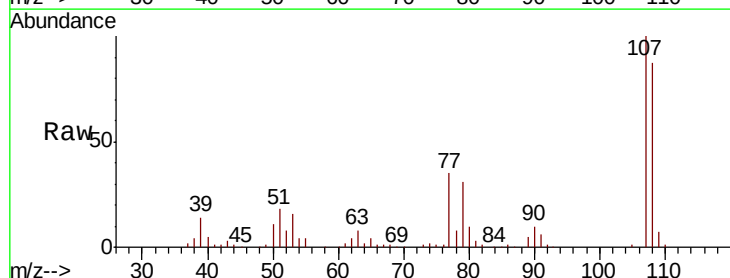
Ion Ratio Lower Upper

107 100

108 86.5 69.9 109.9

77 35.3 11.2 51.2

79 31.3 6.6 46.6

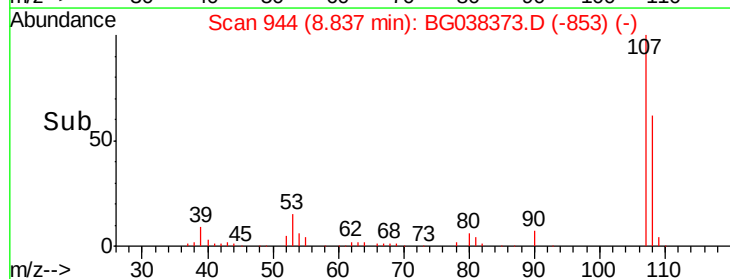
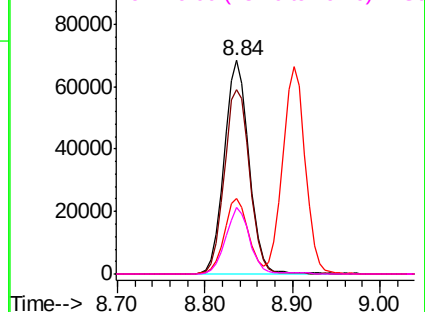


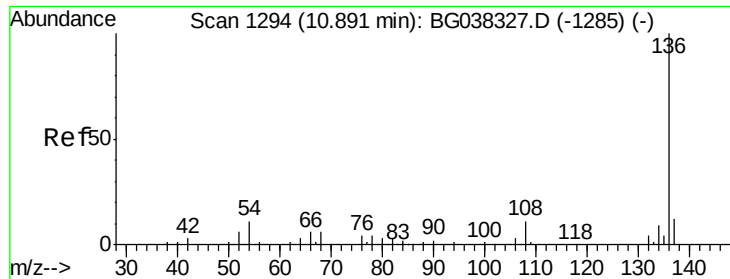
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

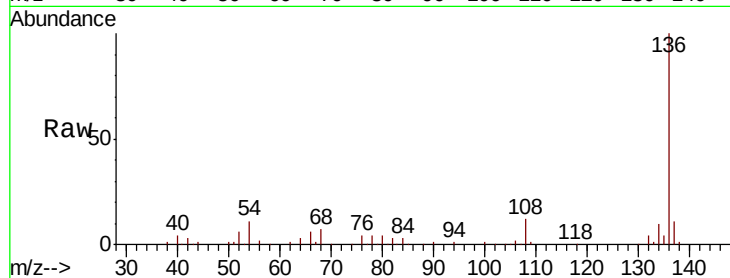




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion:	136	Resp:	130170
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	11.4	7.9	11.9
68	6.9	4.8	7.2



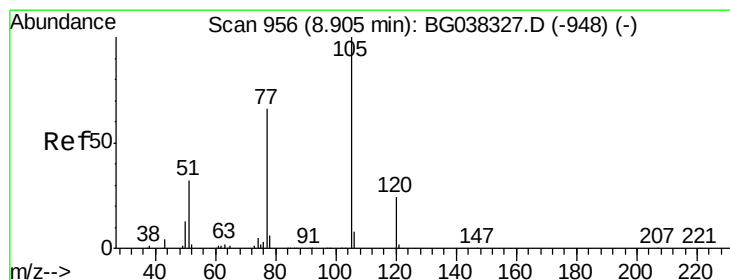
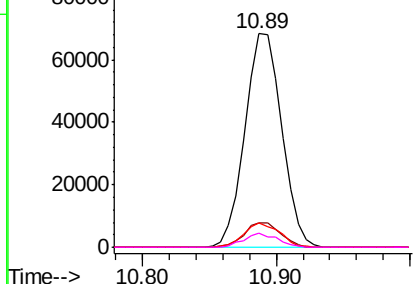
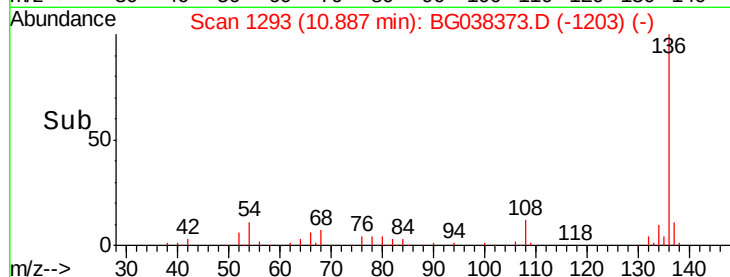
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

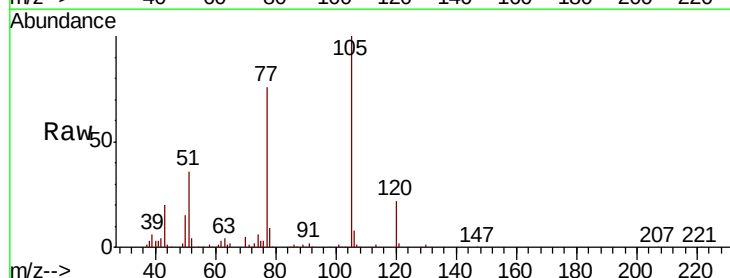
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 49.654 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:	105	Resp:	154046
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.2	1.8#
51	36.0	25.0	37.6
120	22.4	18.6	28.0



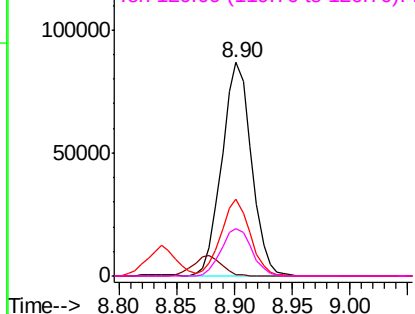
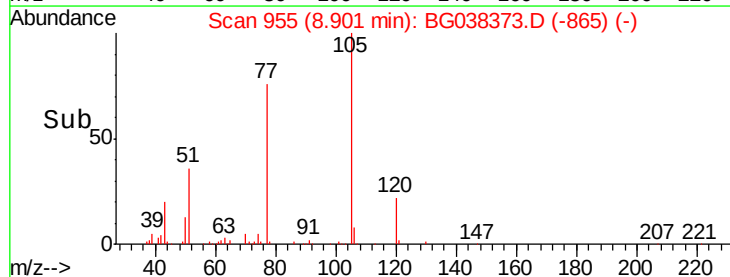
Abundance

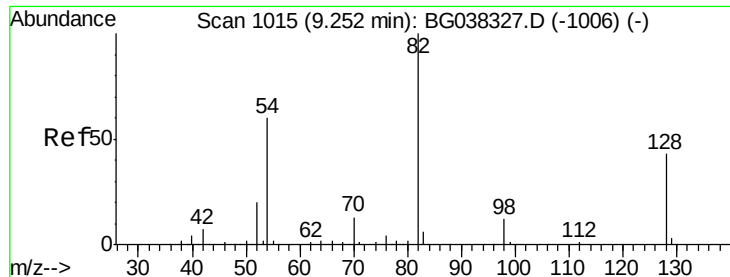
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

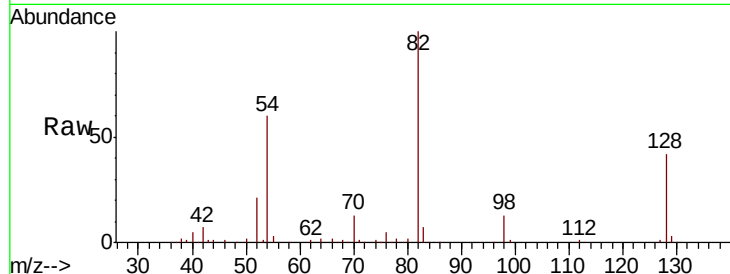




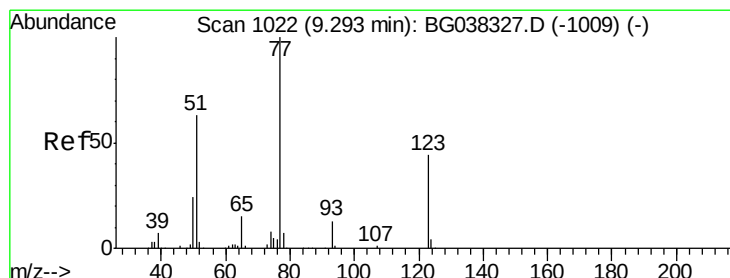
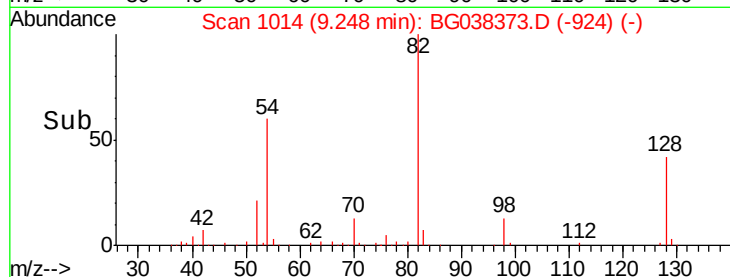
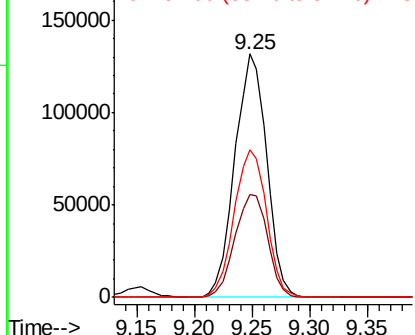
#23
 Nitrobenzene-d5
 Concen: 96.081 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tgt Ion: 82 Resp: 251911
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 51.8
 54 60.4 45.3 67.9

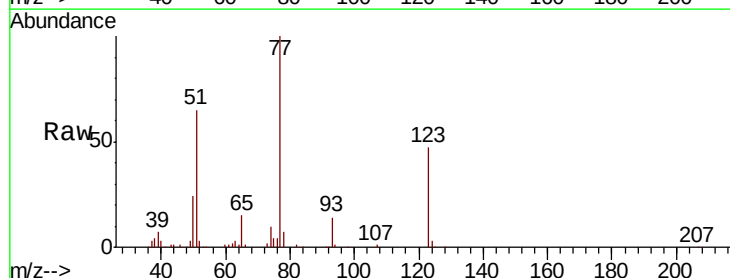


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

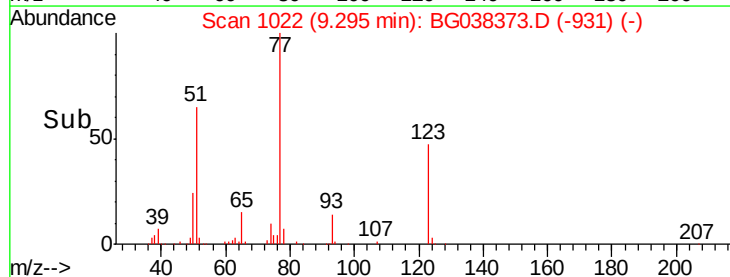
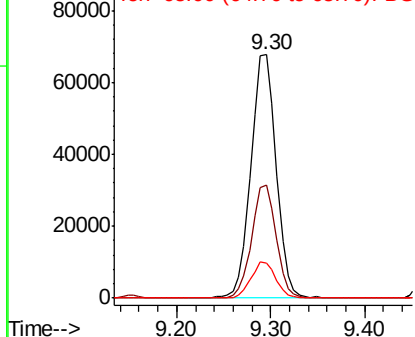


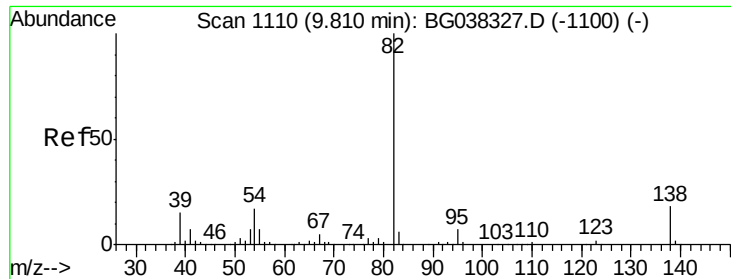
#24
 Nitrobenzene
 Concen: 47.475 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion: 77 Resp: 126462
 Ion Ratio Lower Upper
 77 100
 123 46.5 33.6 50.4
 65 14.6 11.3 16.9



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

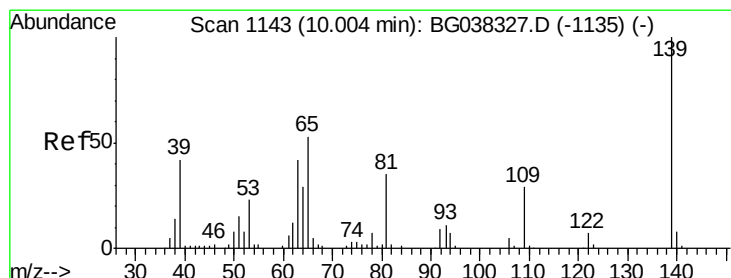
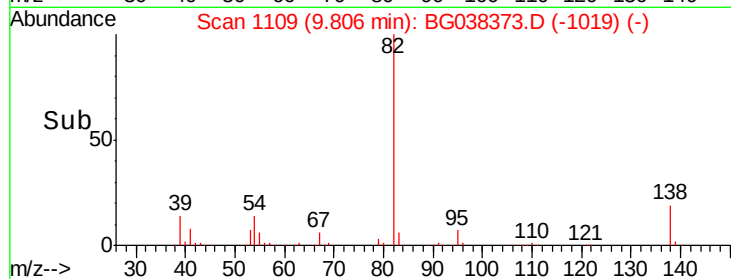
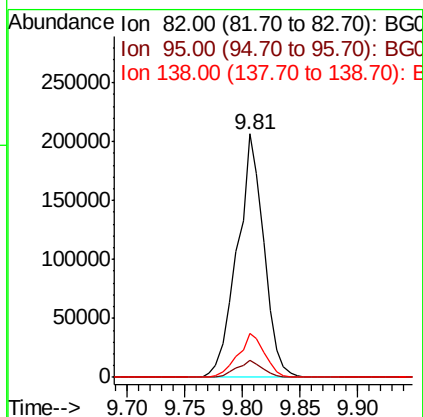
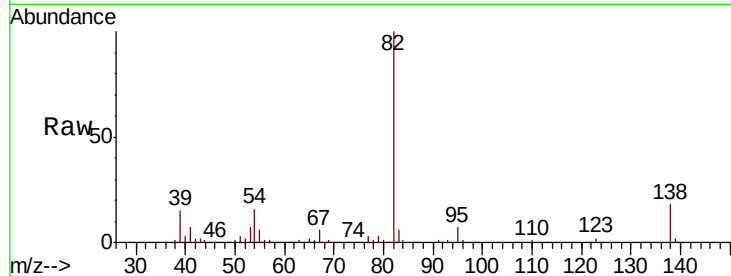




#25
Isophorone
Concen: 71.564 ng
RT: 9.81 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

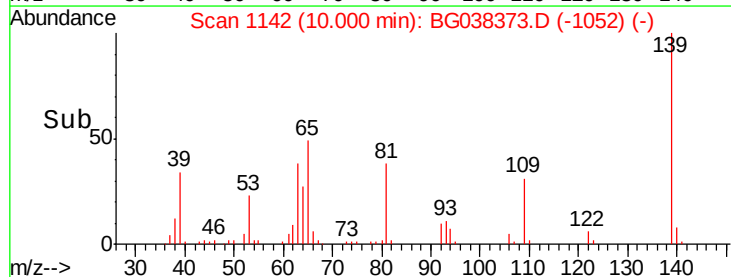
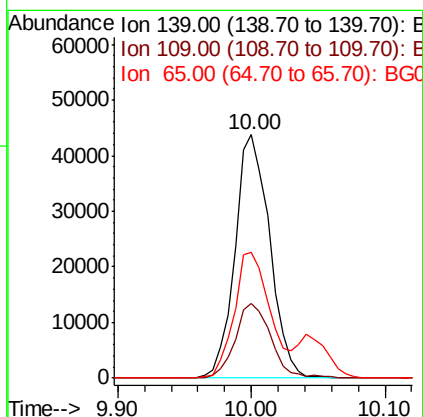
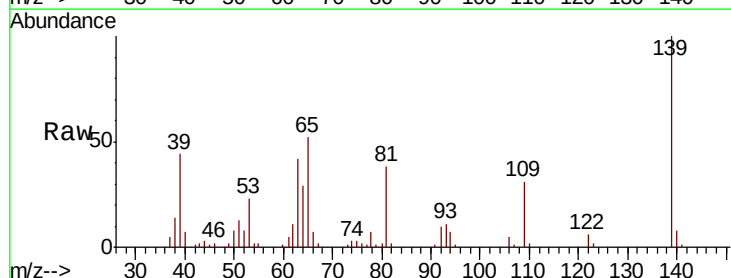
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

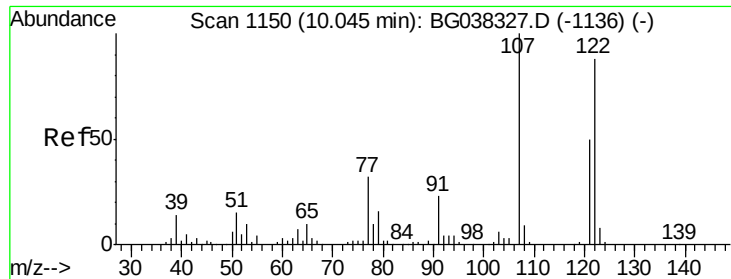
Tgt Ion: 82 Resp: 329738
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 17.9 13.3 19.9



#26
2-Nitrophenol
Concen: 63.681 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion: 139 Resp: 78598
Ion Ratio Lower Upper
139 100
109 30.8 23.3 34.9
65 51.8 39.8 59.8

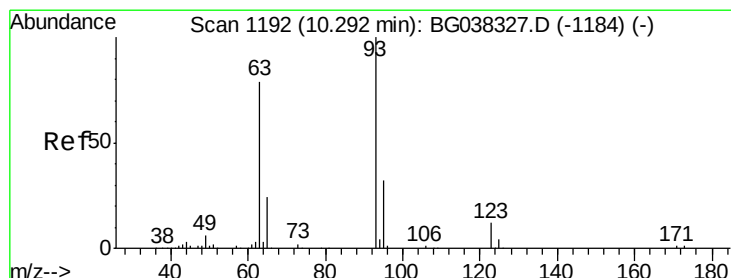
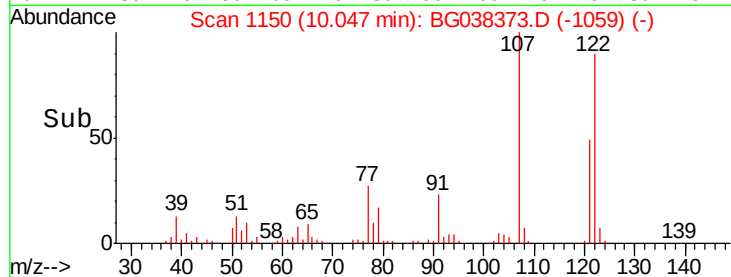
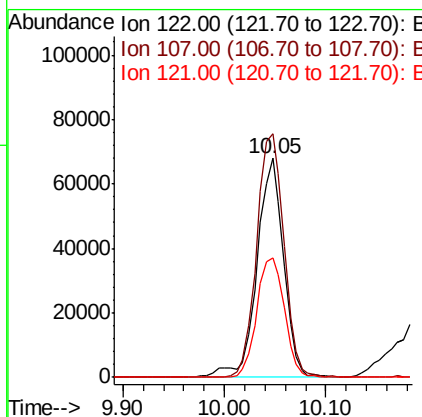
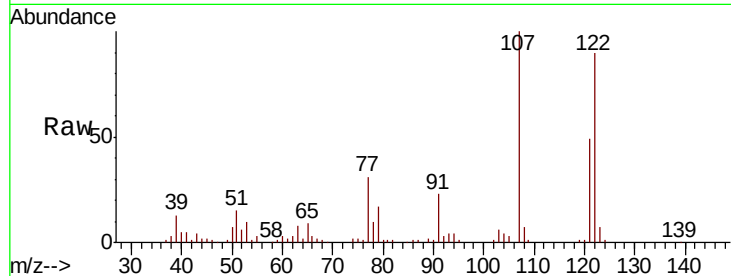




#27
 2,4-Dimethylphenol
 Concen: 69.785 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

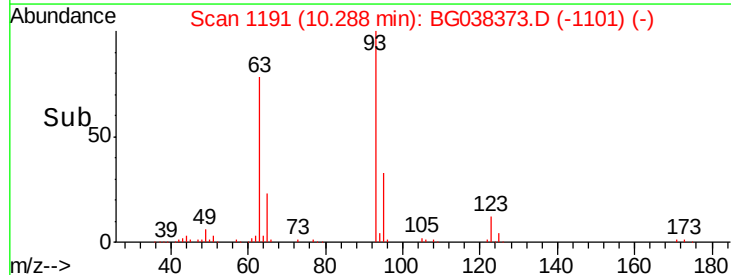
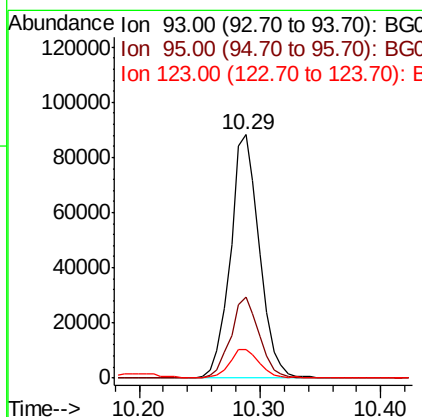
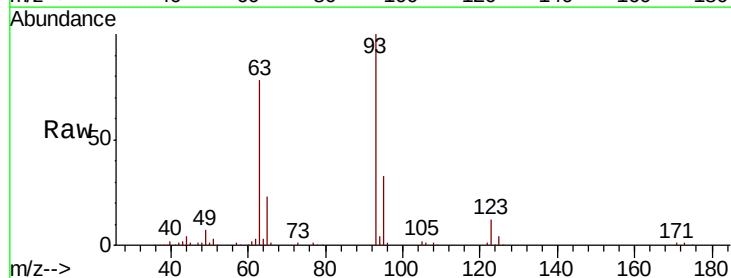
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

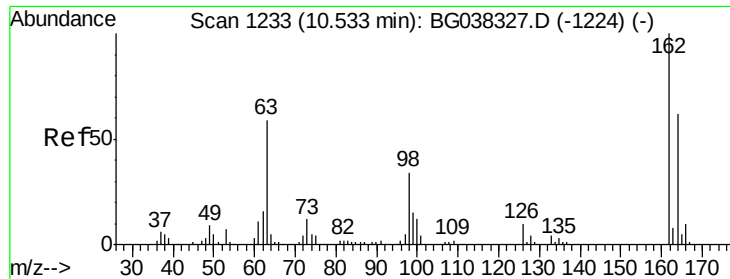
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.1	94.2	141.2
121	54.2	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.820 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.6	37.0
123	11.7	9.1	13.7

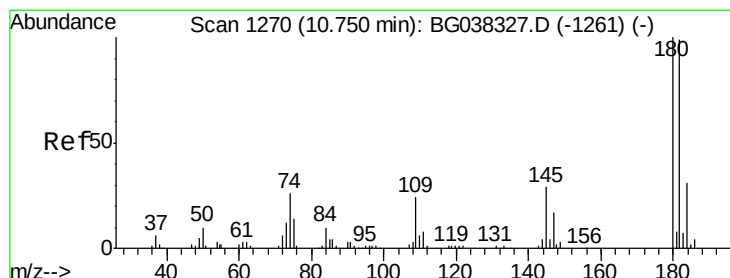
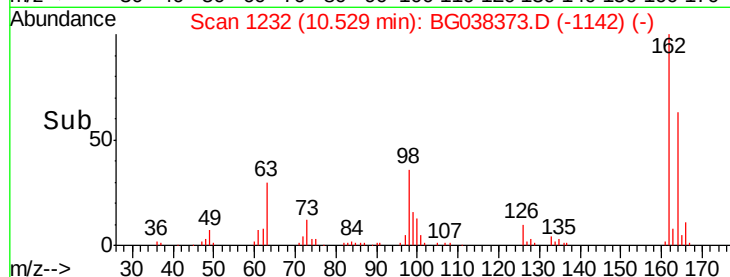
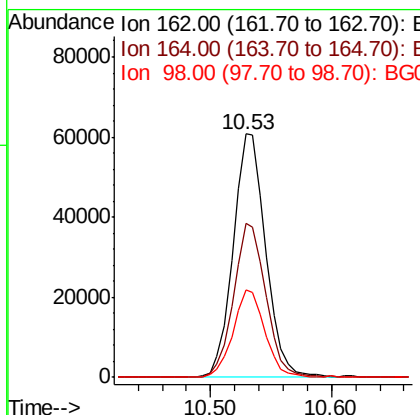
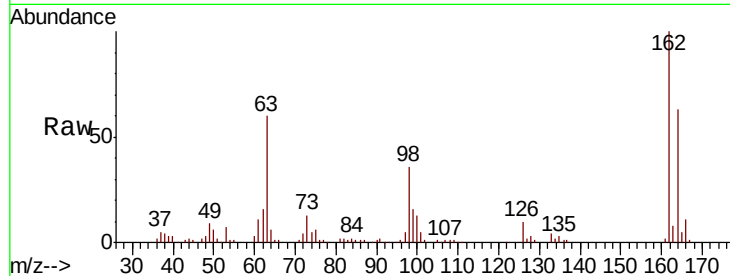




#29
 2,4-Dichlorophenol
 Concen: 56.280 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

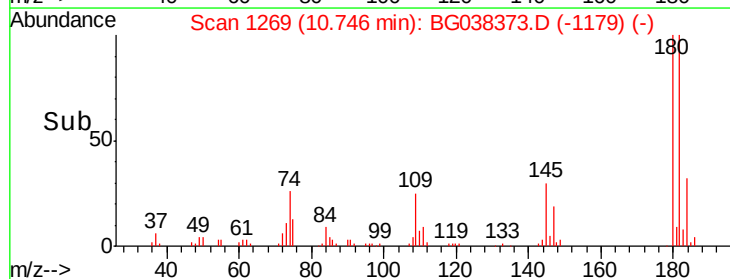
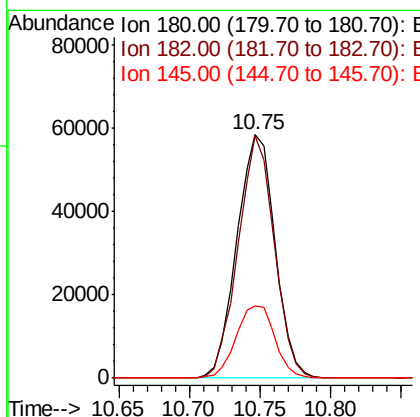
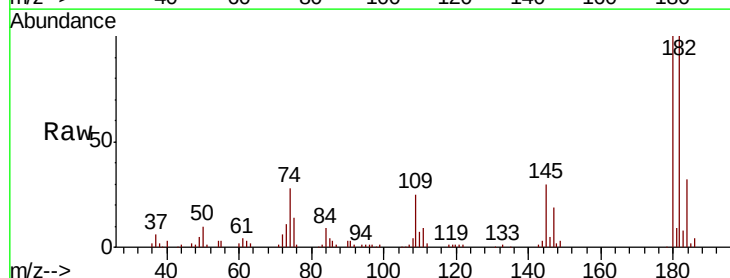
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

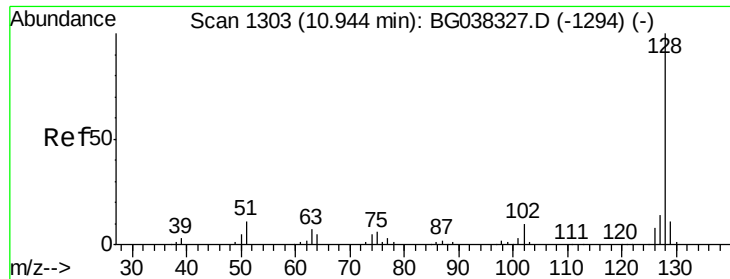
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	35.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 46.367 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.7	116.5
145	29.7	23.3	34.9

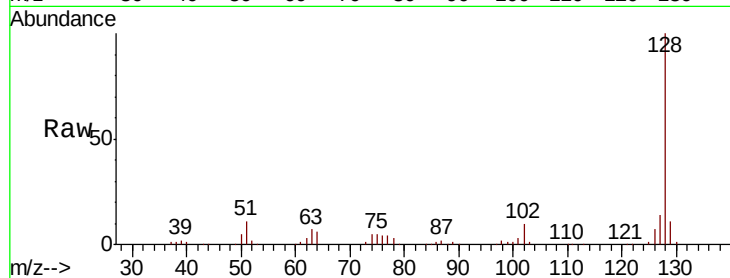




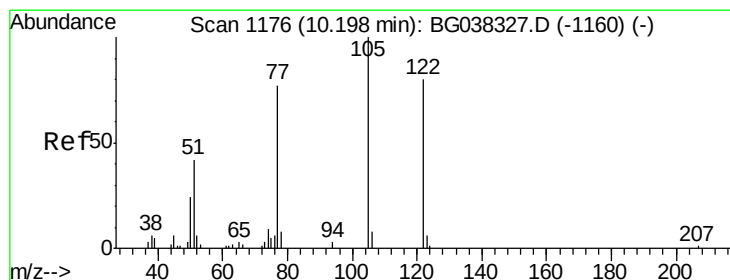
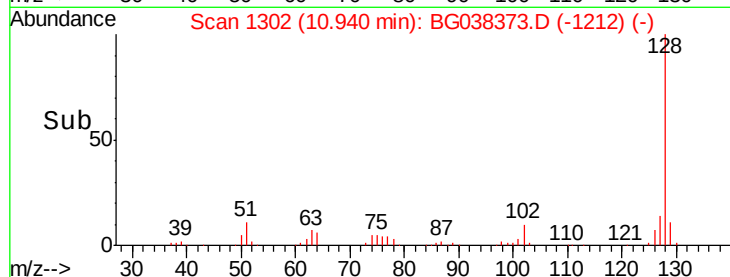
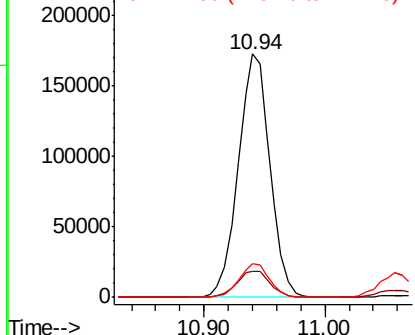
#31
Naphthalene
Concen: 50.460 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion:128 Resp: 313757
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.9 11.1 16.7

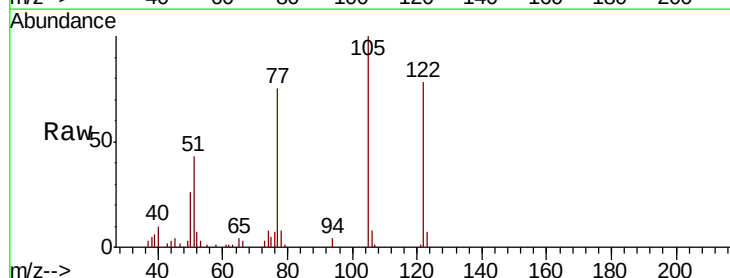


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

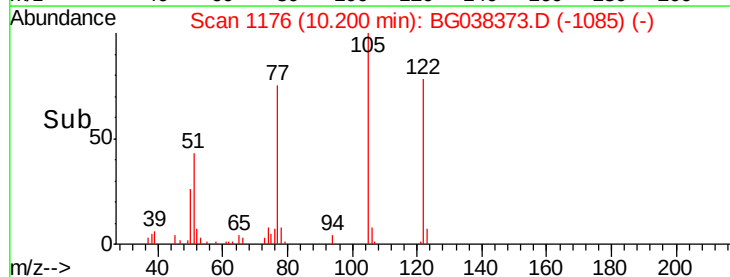
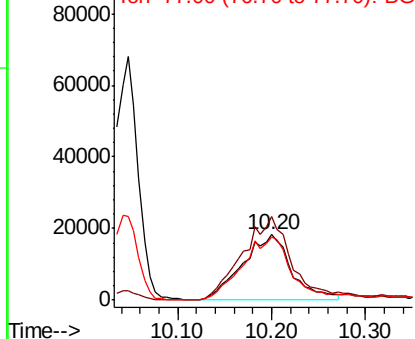


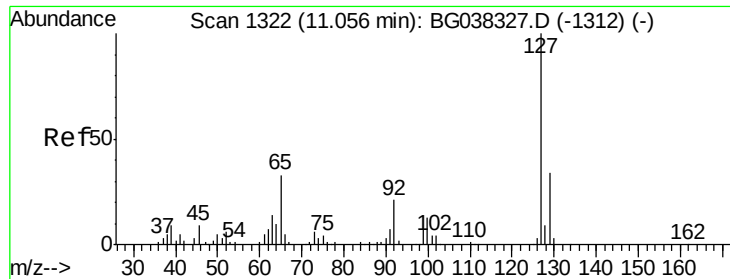
#32
Benzoic acid
Concen: 52.369 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:122 Resp: 66513
Ion Ratio Lower Upper
122 100
105 128.1 106.7 146.7
77 96.3 72.2 112.2



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

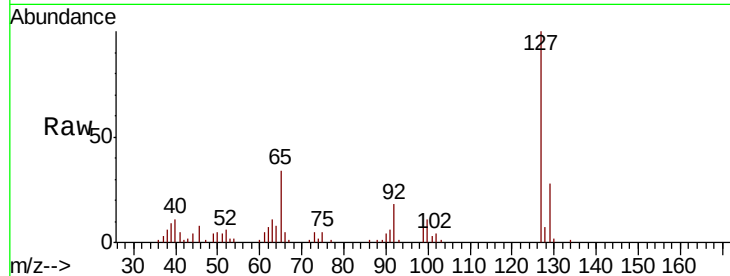




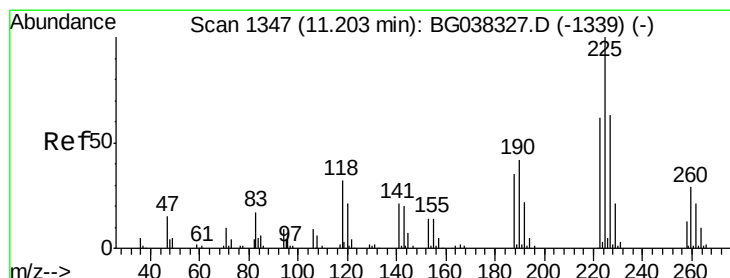
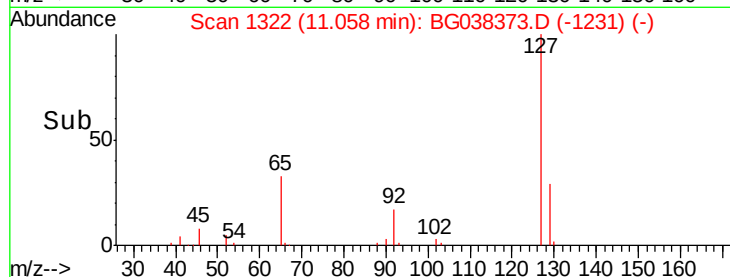
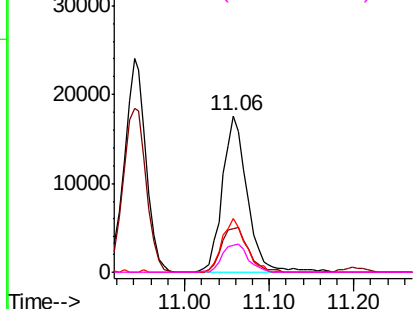
#33
4-Chloroaniline
Concen: 13.043 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion:	127	Resp:	35901
Ion	Ratio	Lower	Upper
127	100		
129	27.6	27.1	40.7
65	34.2	26.6	39.8
92	17.6	16.4	24.6

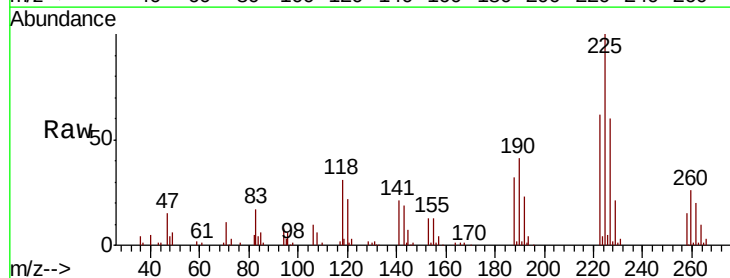


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

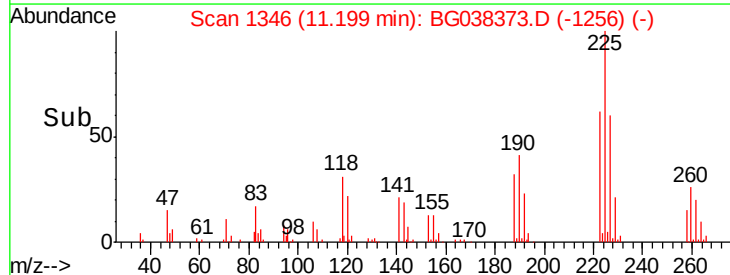
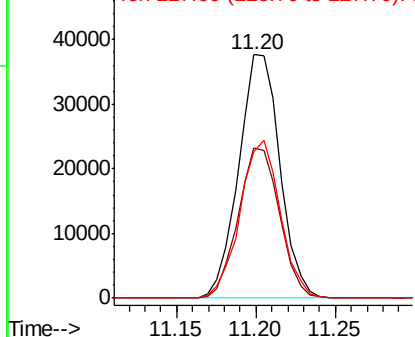


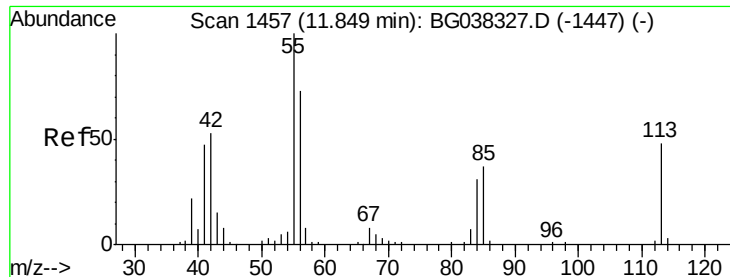
#34
Hexachlorobutadiene
Concen: 45.732 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:	225	Resp:	67964
Ion	Ratio	Lower	Upper
225	100		
223	58.8	48.2	72.4
227	59.5	51.6	77.4



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: 26.705 ng

RT: 11.85 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

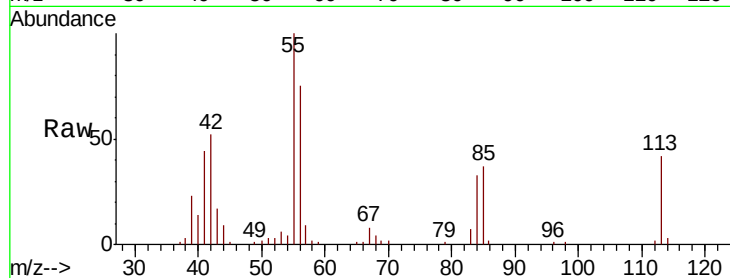
Tgt Ion:113 Resp: 22348

Ion Ratio Lower Upper

113 100

55 236.8 176.6 216.6#

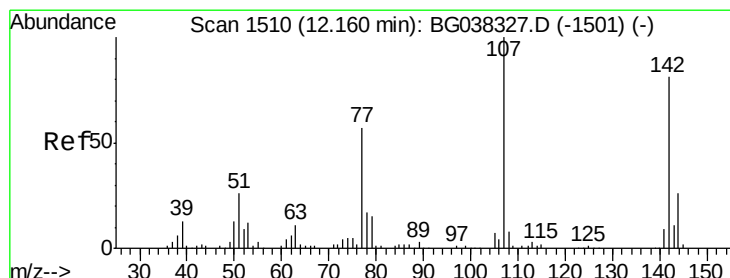
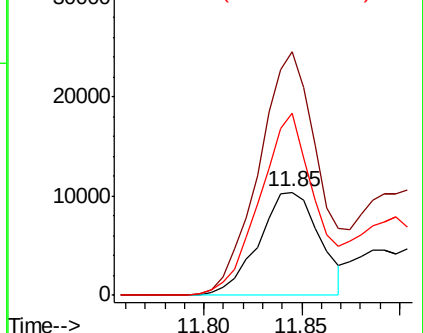
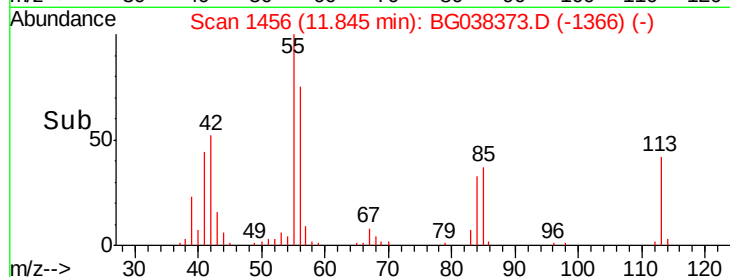
56 176.7 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 53.858 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

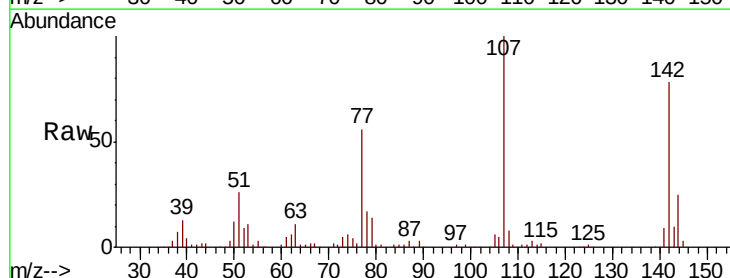
Tgt Ion:107 Resp: 121095

Ion Ratio Lower Upper

107 100

144 24.8 20.7 31.1

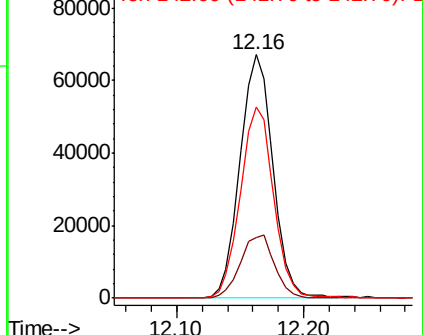
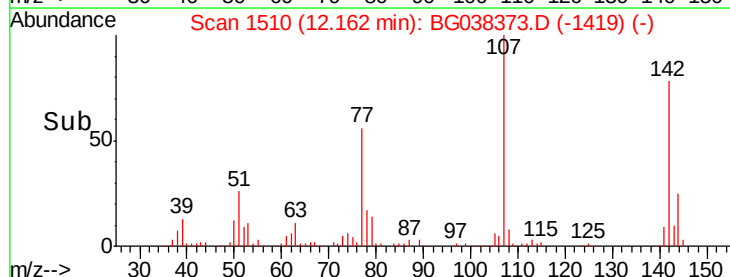
142 78.3 64.4 96.6

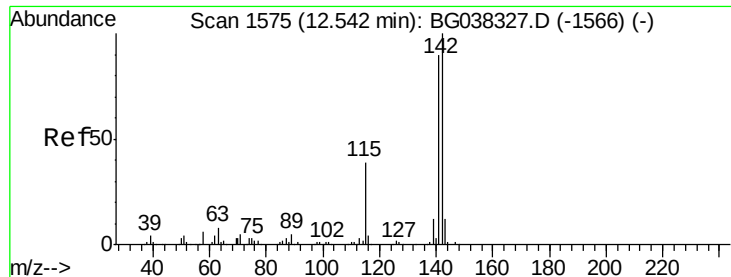


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

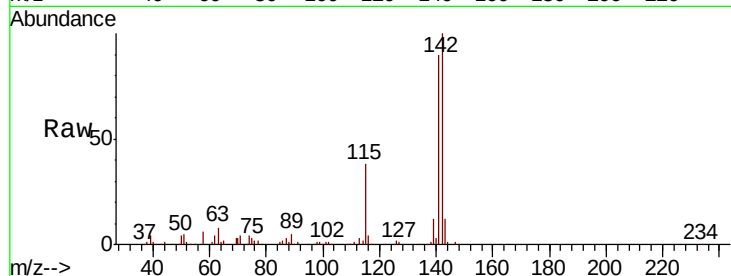




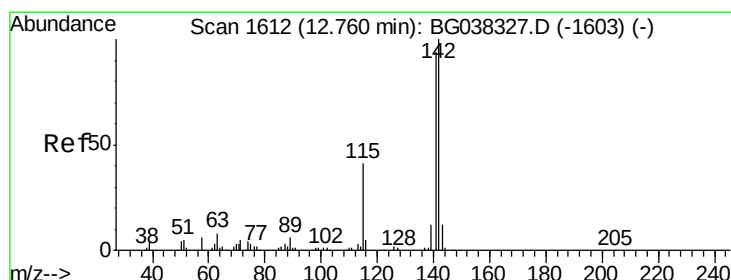
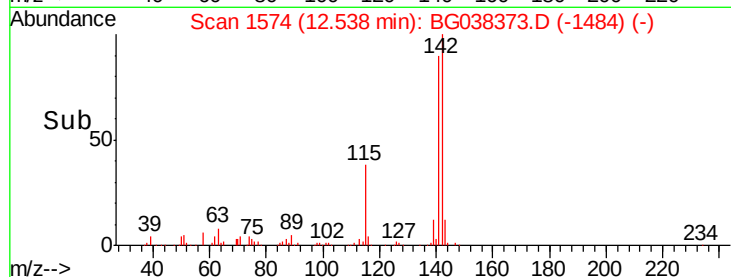
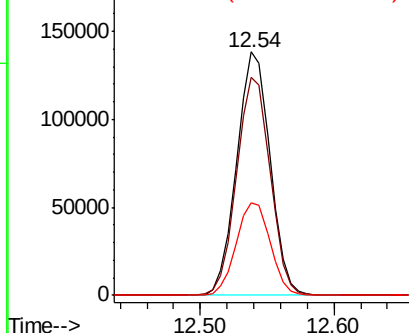
#37
2-Methylnaphthalene
Concen: 54.036 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion:142 Resp: 239274
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9
115 38.1 27.8 41.8

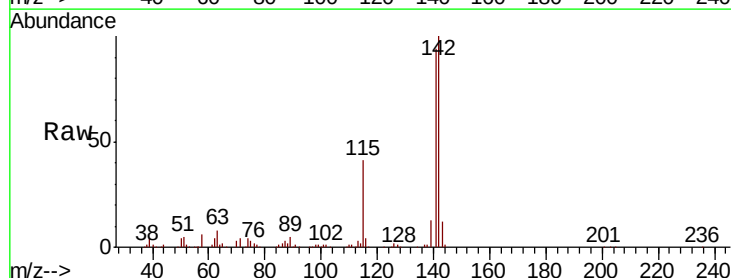


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

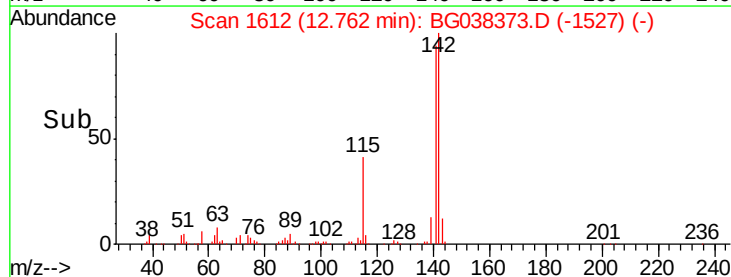
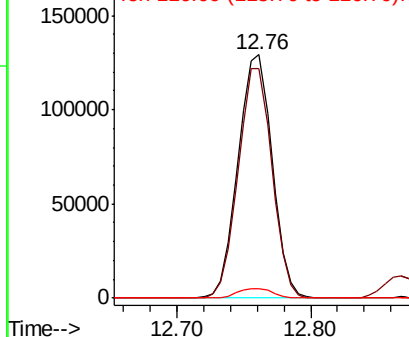


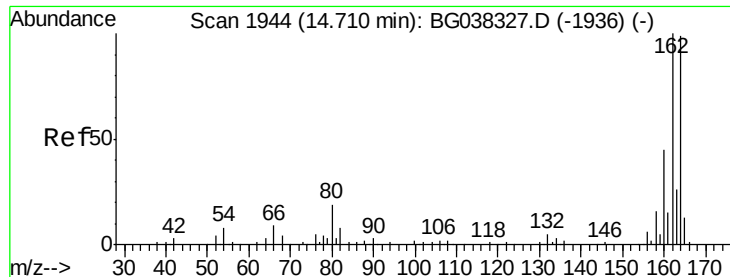
#38
1-Methylnaphthalene
Concen: 53.831 ng
RT: 12.76 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:142 Resp: 228302
Ion Ratio Lower Upper
142 100
141 94.0 75.2 112.8
116 4.1 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

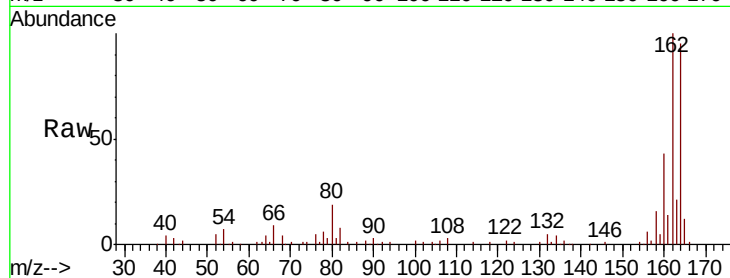
Tgt Ion:164 Resp: 82274

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

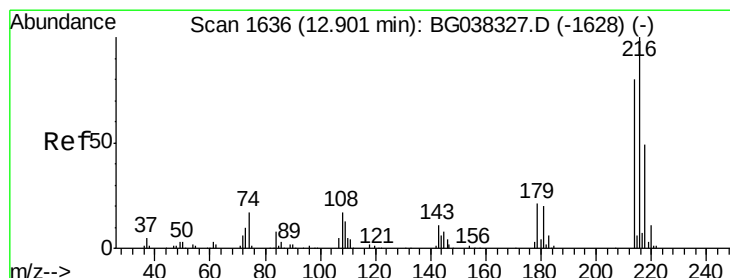
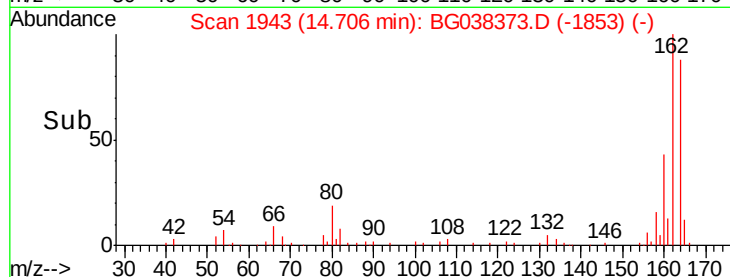
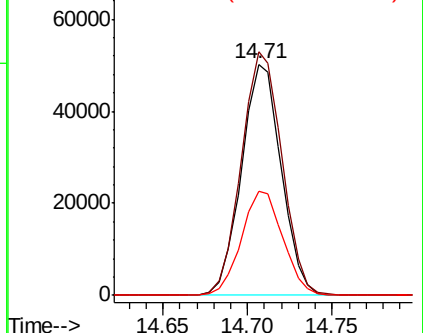
160 45.2 36.3 54.5



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: 46.413 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Tgt Ion:216 Resp: 131396

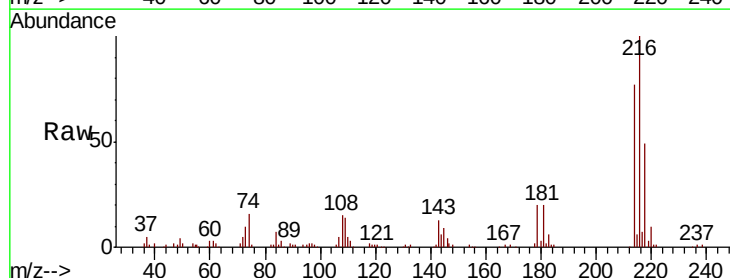
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 20.5 17.4 26.0

108 19.8 13.9 20.9

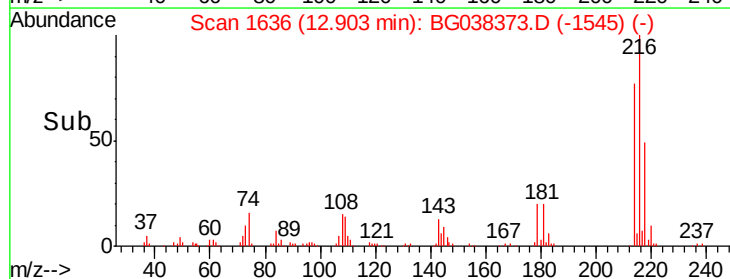
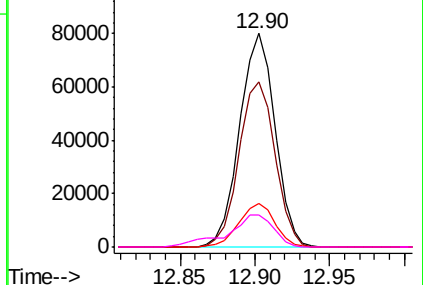


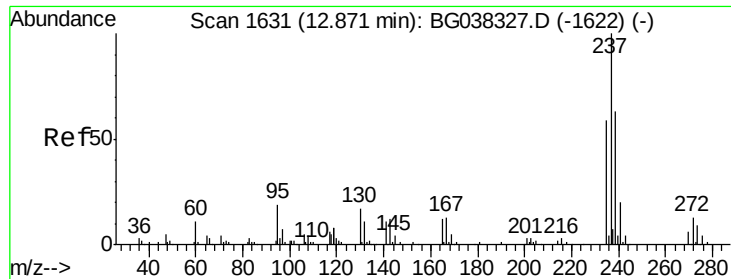
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

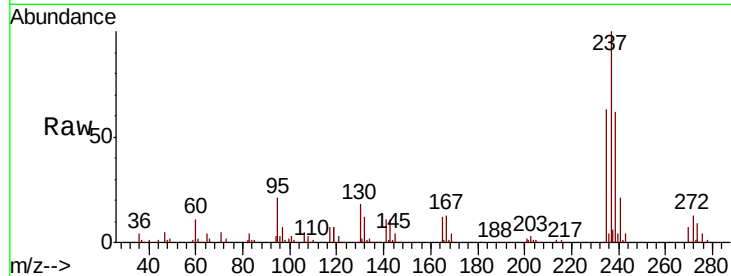




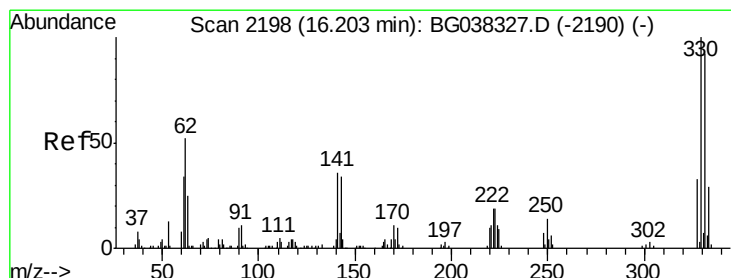
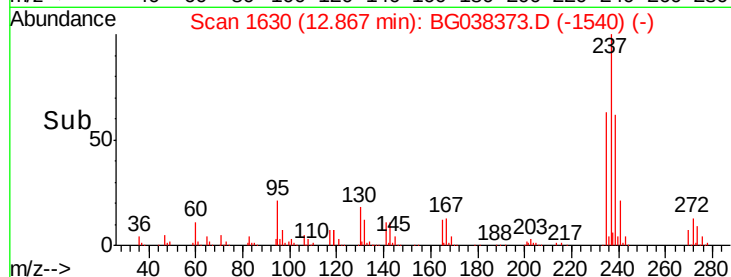
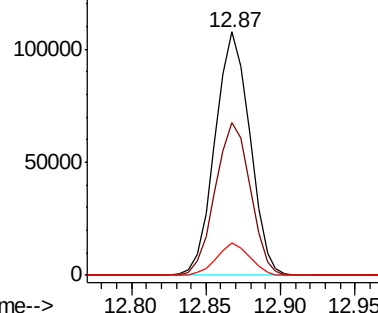
#41
Hexachlorocyclopentadiene
Concen: 111.719 ng
RT: 12.87 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion: 237 Resp: 173809
Ion Ratio Lower Upper
237 100
235 62.6 42.5 82.5
272 13.1 0.0 31.6

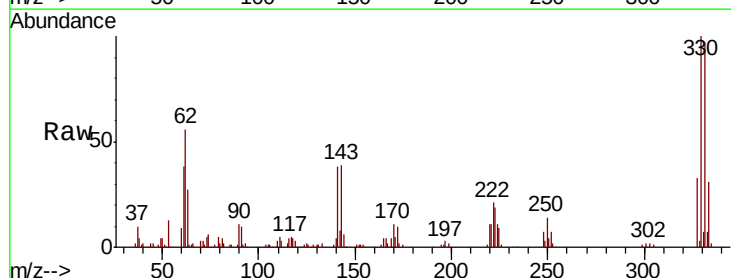


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

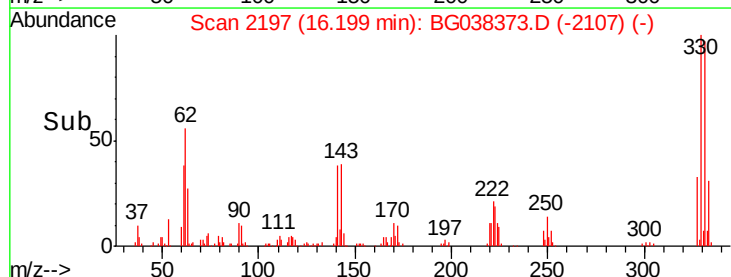
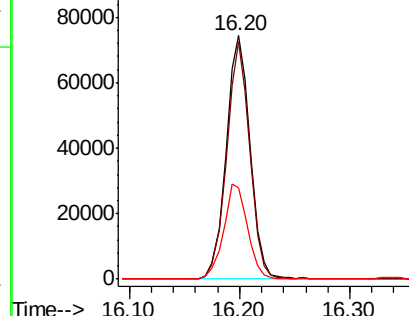


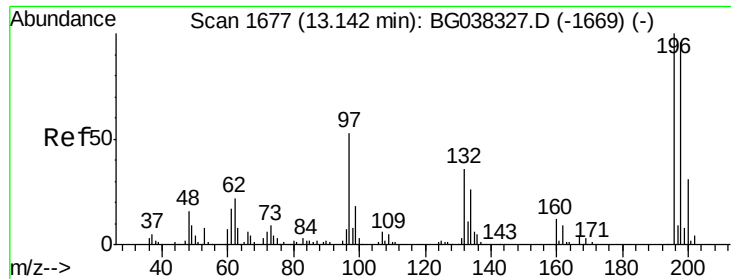
#42
2,4,6-Tribromophenol
Concen: 111.039 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion: 330 Resp: 112151
Ion Ratio Lower Upper
330 100
332 94.0 78.4 117.6
141 39.2 32.2 48.2



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

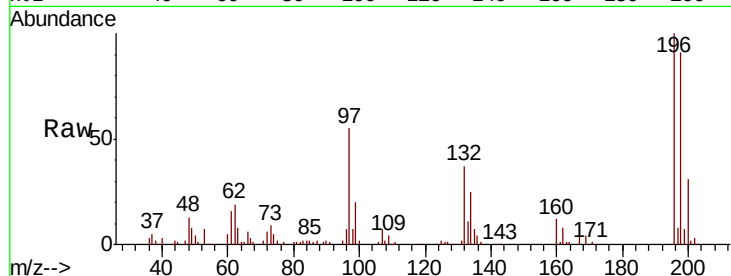




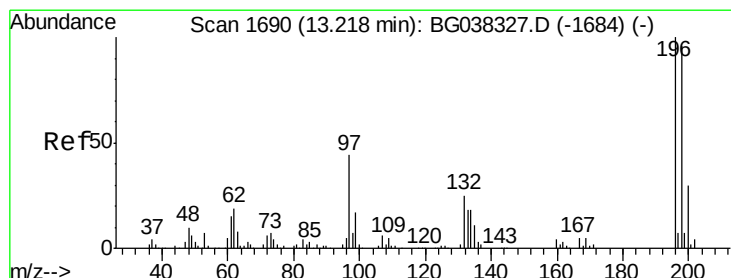
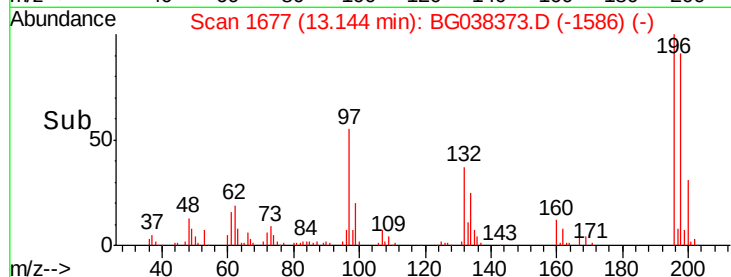
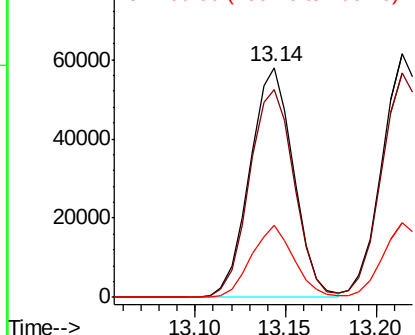
#43
 2,4,6-Trichlorophenol
 Concen: 52.790 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tgt Ion:196 Resp: 96812
 Ion Ratio Lower Upper
 196 100
 198 90.7 76.4 114.6
 200 31.2 24.9 37.3

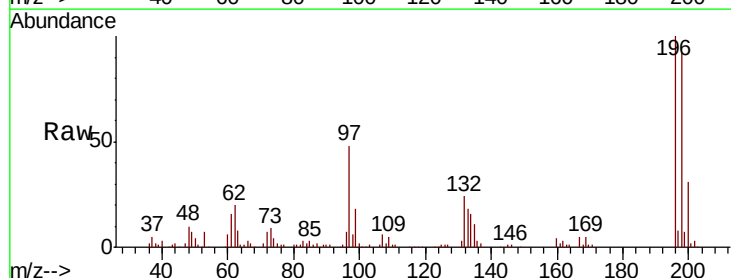


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

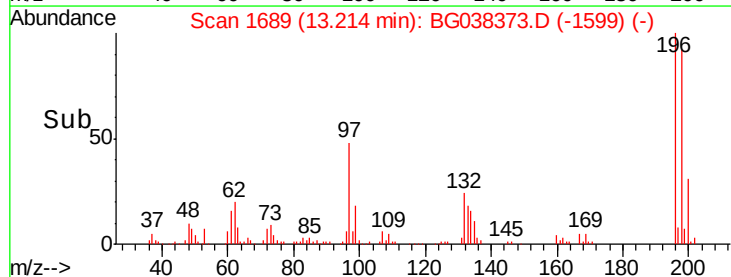
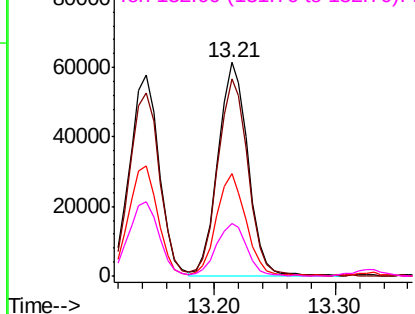


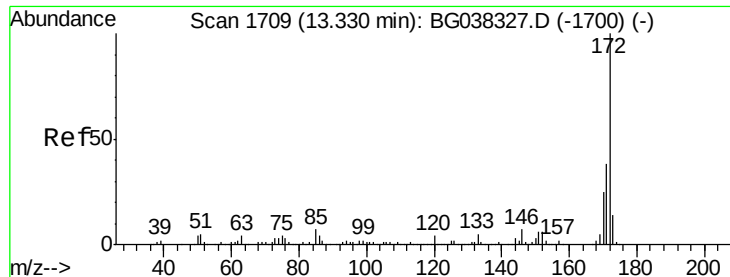
#44
 2,4,5-Trichlorophenol
 Concen: 54.277 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:196 Resp: 105450
 Ion Ratio Lower Upper
 196 100
 198 92.3 74.2 111.2
 97 47.7 34.1 51.1
 132 24.3 20.2 30.4



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

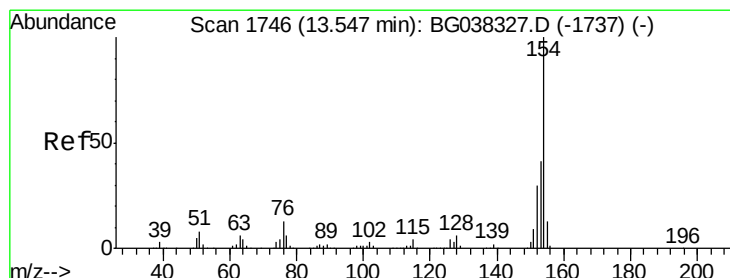
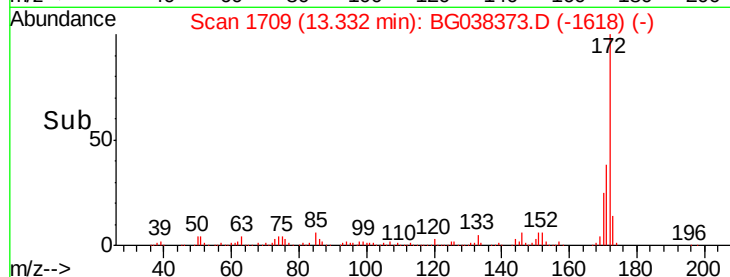
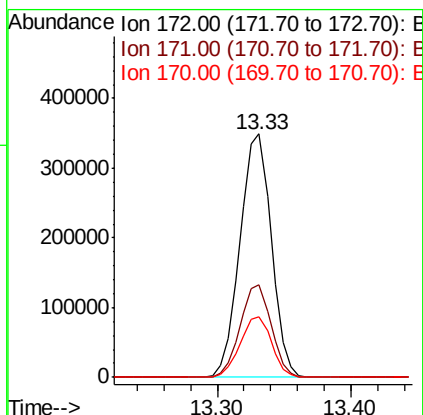
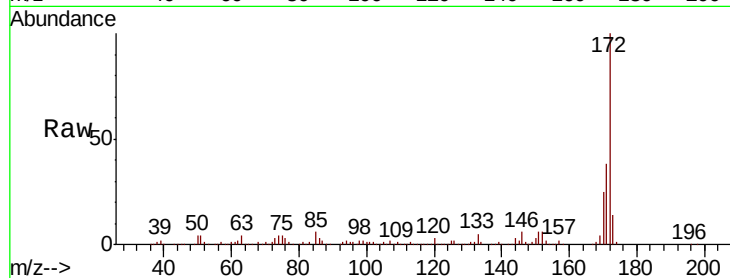




#45
2-Fluorobiphenyl
Concen: 97.945 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

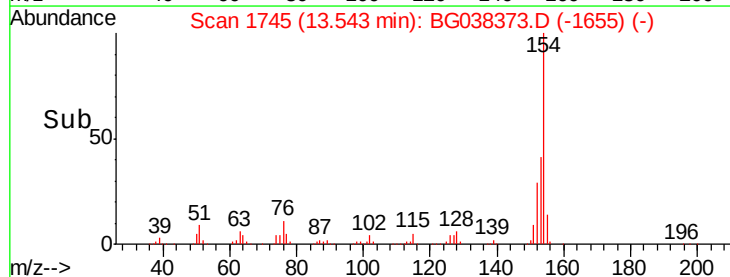
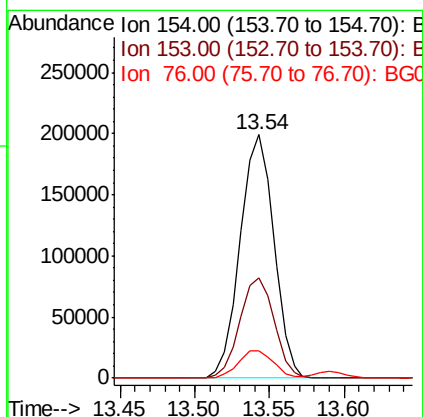
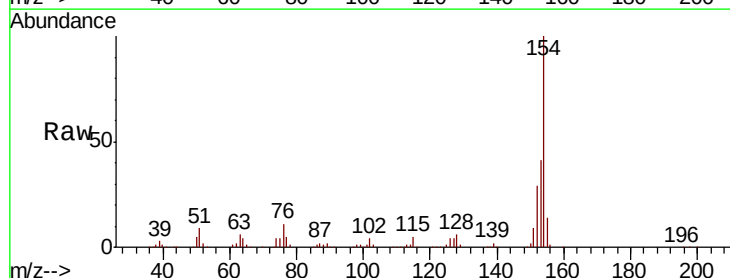
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

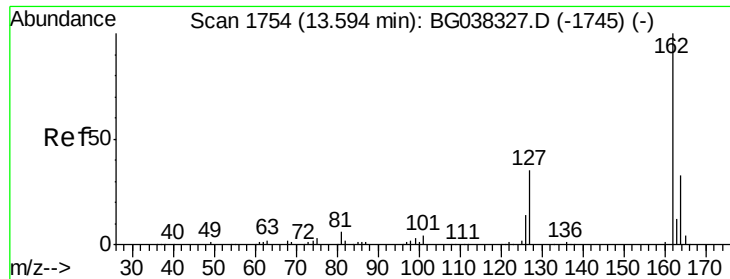
Tgt Ion:172 Resp: 565528
Ion Ratio Lower Upper
172 100
171 37.8 31.0 46.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 44.987 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:154 Resp: 312866
Ion Ratio Lower Upper
154 100
153 41.3 22.1 62.1
76 11.1 0.0 33.2

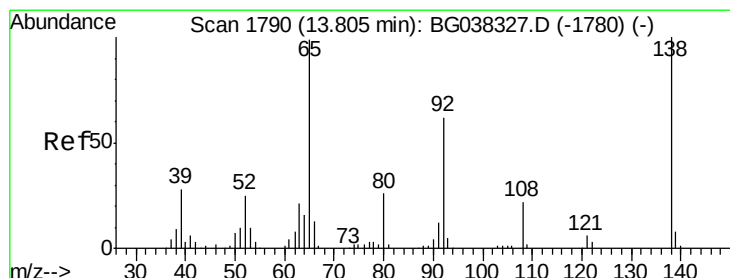
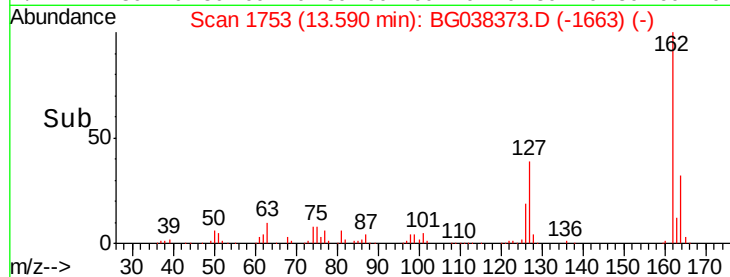
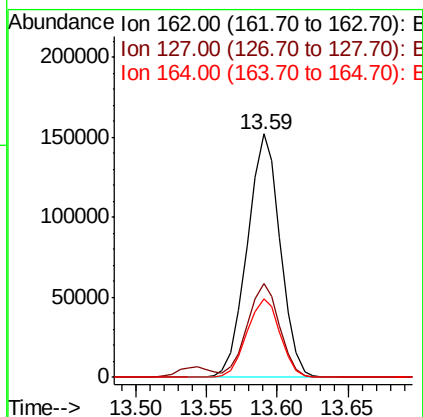
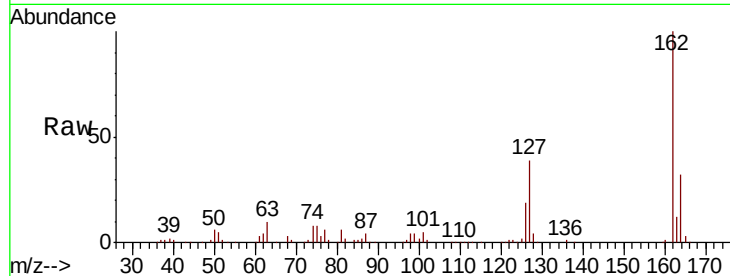




#47
 2-Chloronaphthalene
 Concen: 47.336 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

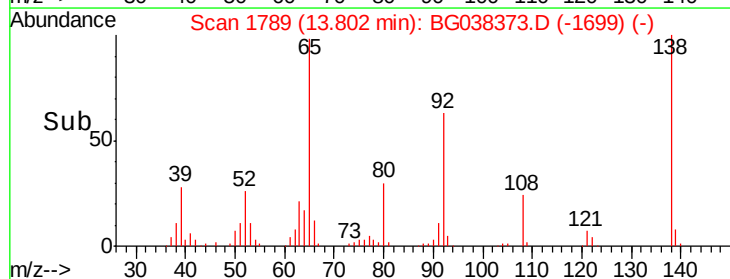
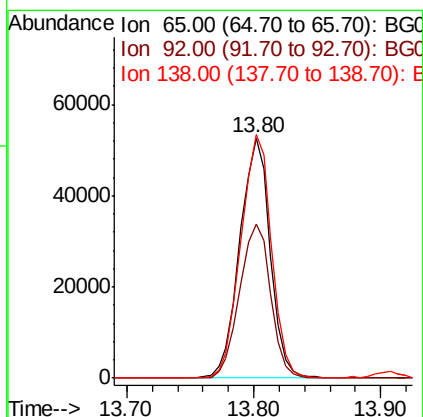
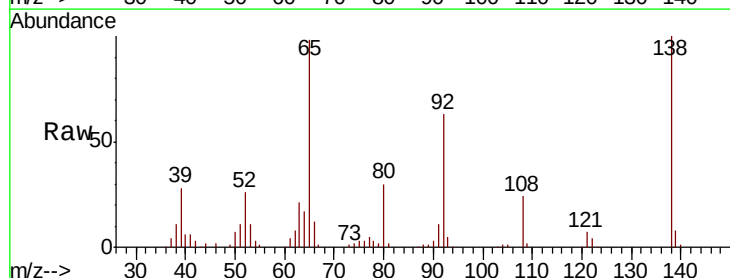
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

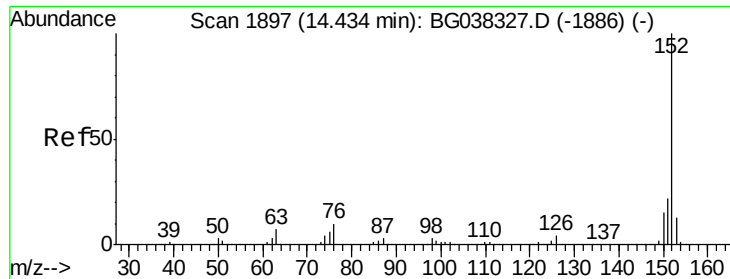
Tgt Ion: 162 Resp: 248411
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.5 45.7
 164 32.1 26.4 39.6



#48
 2-Nitroaniline
 Concen: 49.609 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion: 65 Resp: 87343
 Ion Ratio Lower Upper
 65 100
 92 64.1 53.2 79.8
 138 101.5 79.3 118.9





#49

Acenaphthylene

Concen: 52.881 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

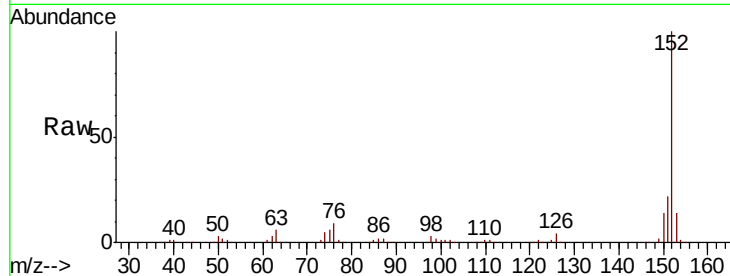
Tgt Ion:152 Resp: 417954

Ion Ratio Lower Upper

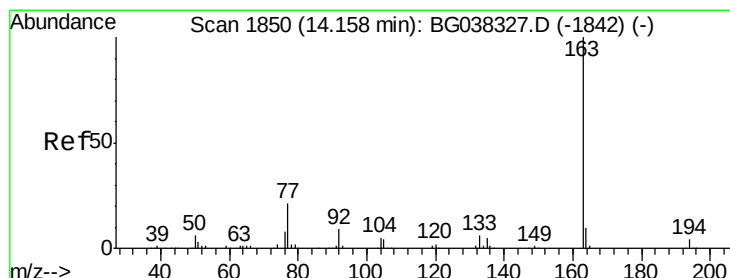
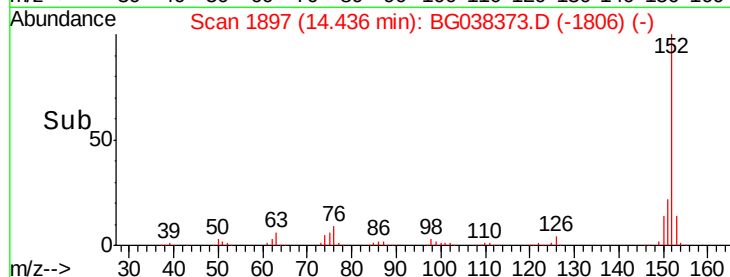
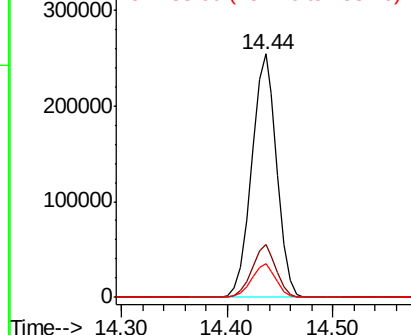
152 100

151 21.9 17.1 25.7

153 14.0 11.1 16.7



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: 51.476 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

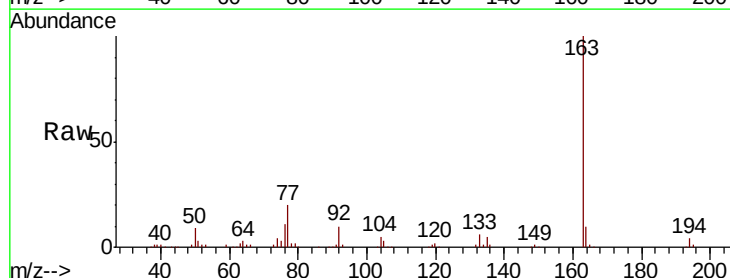
Tgt Ion:163 Resp: 339692

Ion Ratio Lower Upper

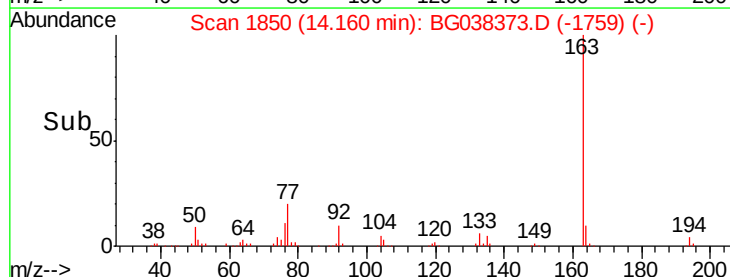
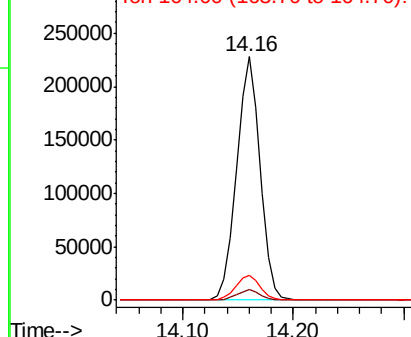
163 100

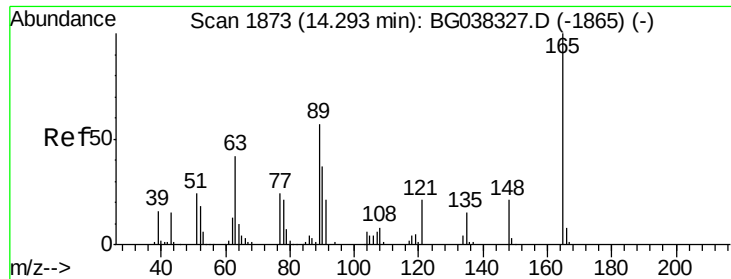
194 4.5 3.5 5.3

164 10.0 8.5 12.7



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

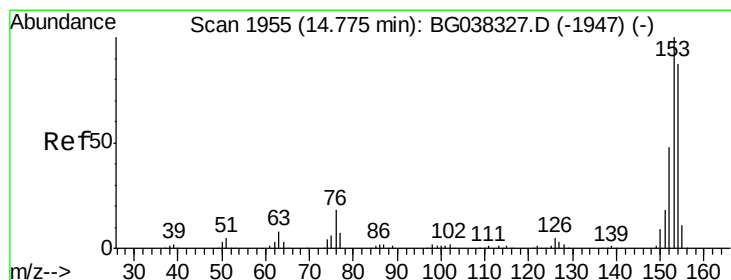
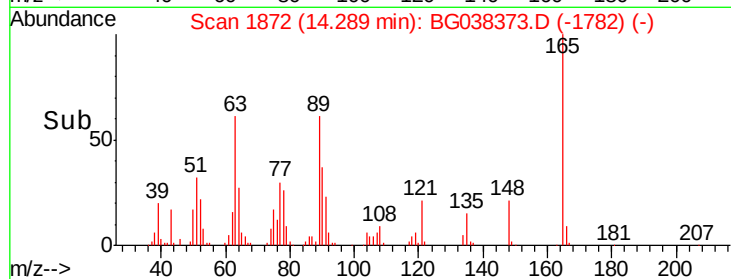
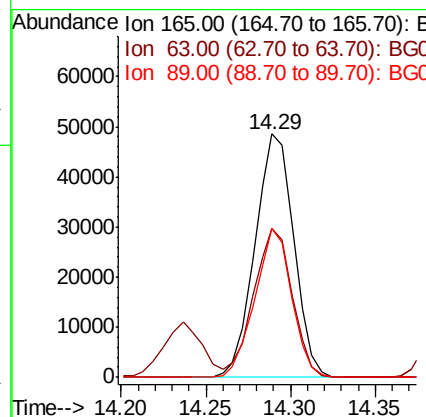
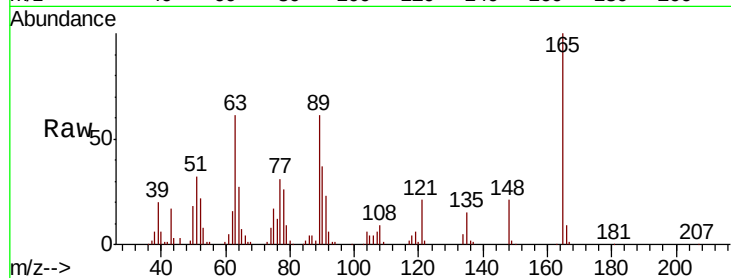




#51
 2,6-Dinitrotoluene
 Concen: 51.348 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

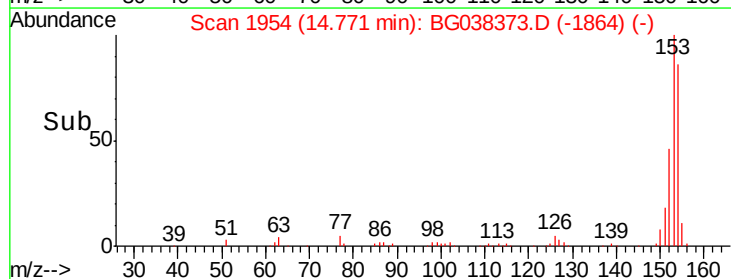
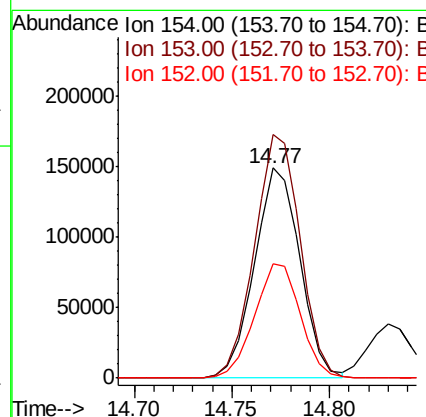
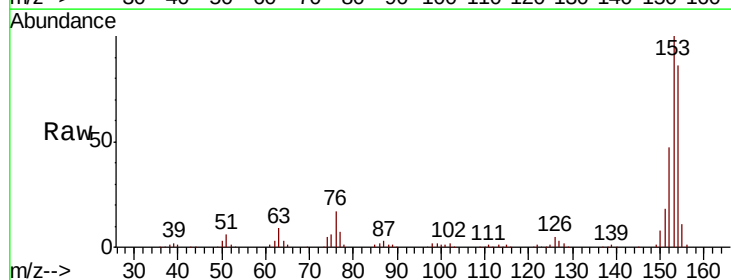
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

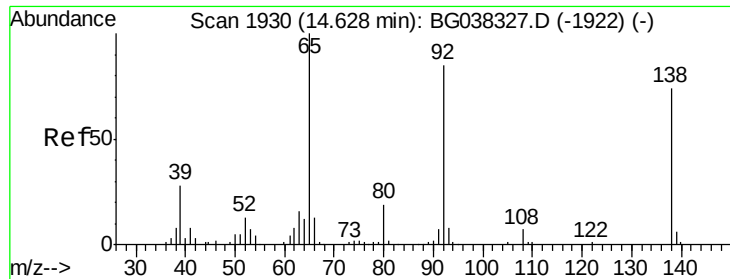
Tgt Ion:165 Resp: 77404
 Ion Ratio Lower Upper
 165 100
 63 60.9 43.4 65.2
 89 61.0 45.8 68.6



#52
 Acenaphthene
 Concen: 49.703 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:154 Resp: 239482
 Ion Ratio Lower Upper
 154 100
 153 116.1 93.4 140.0
 152 54.4 44.7 67.1





#53

3-Nitroaniline

Concen: 22.928 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

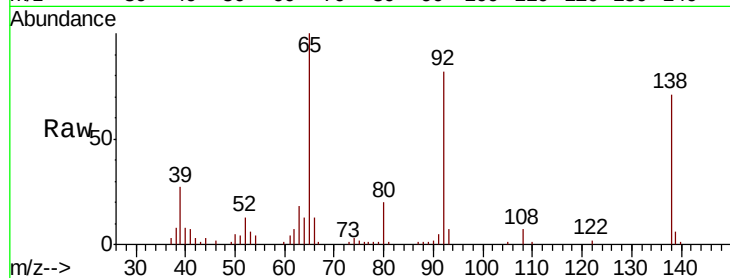
Tgt Ion:138 Resp: 37224

Ion Ratio Lower Upper

138 100

108 10.2 11.0 16.6#

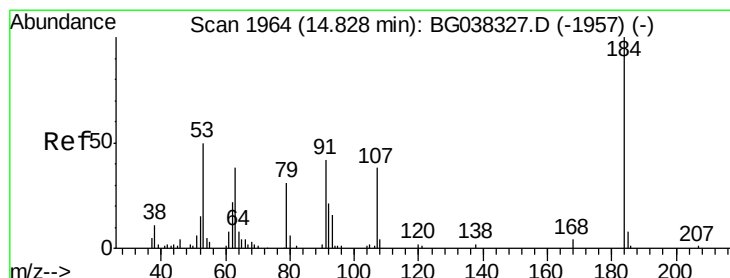
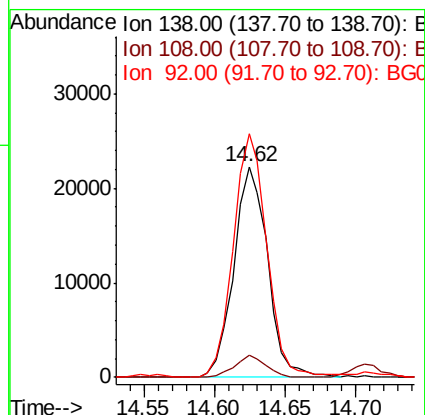
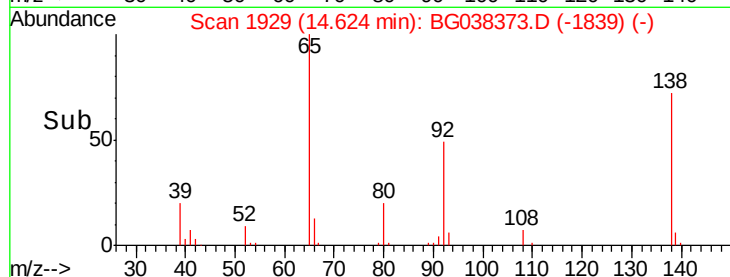
92 115.7 95.2 142.8



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: 121.487 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

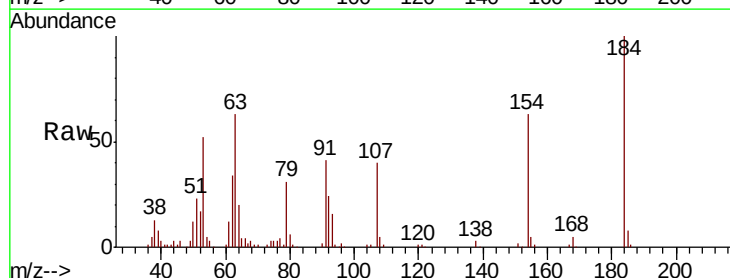
Tgt Ion:184 Resp: 100389

Ion Ratio Lower Upper

184 100

63 63.5 42.6 63.8

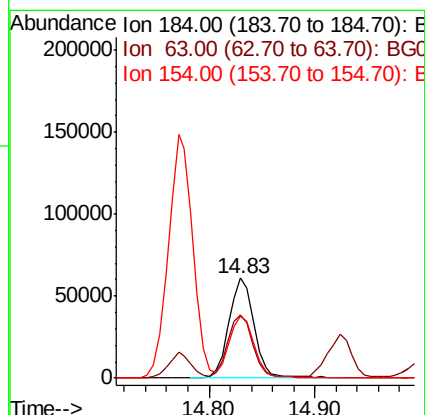
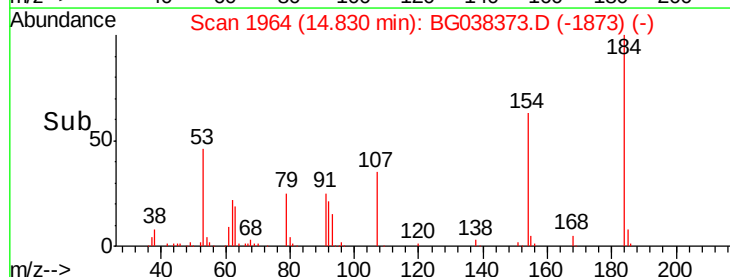
154 62.6 41.8 62.6

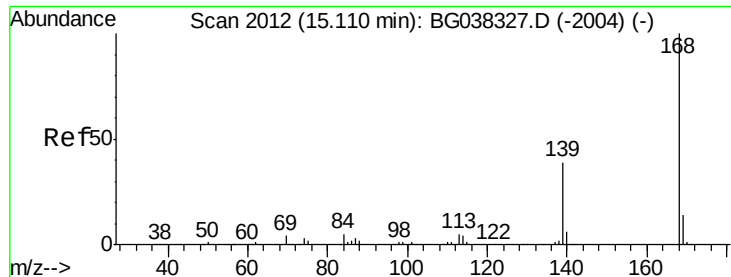


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

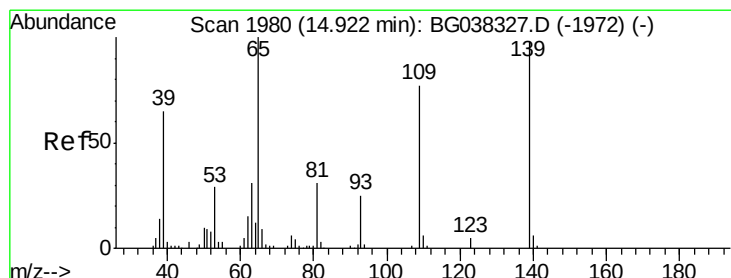
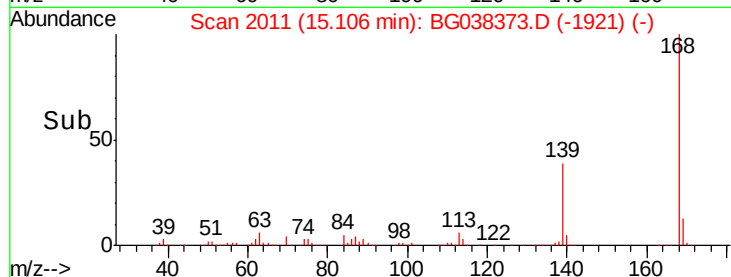
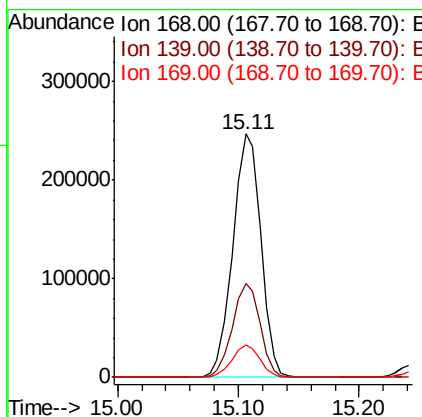
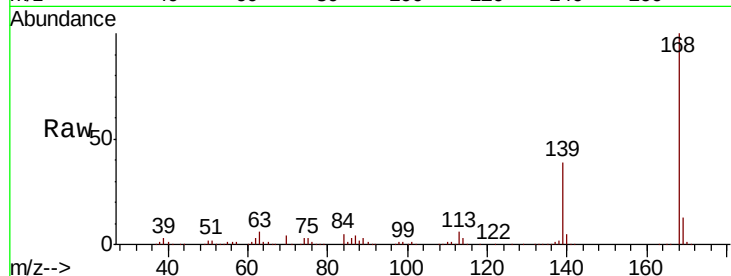




#55
Dibenzenofuran
Concen: 50.083 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

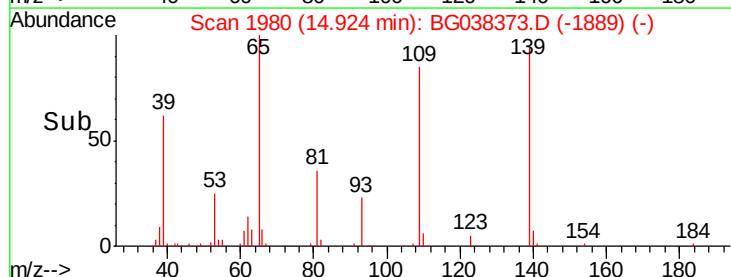
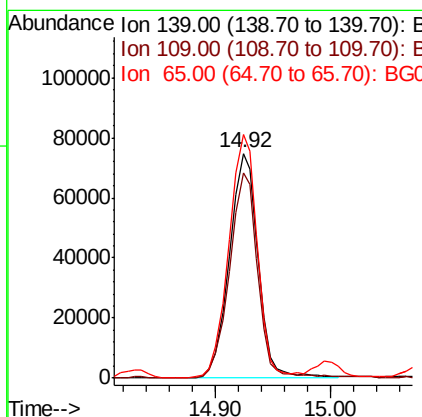
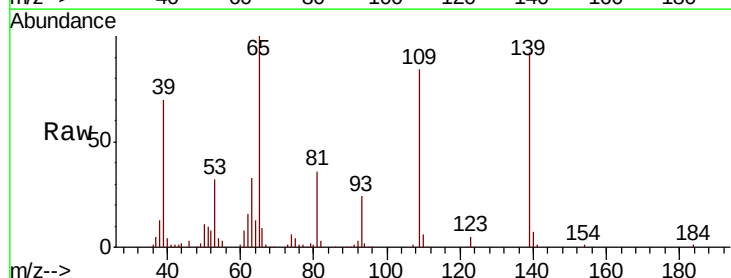
Instrument :
BNA_G
ClientSampleId :
PB115183BSD

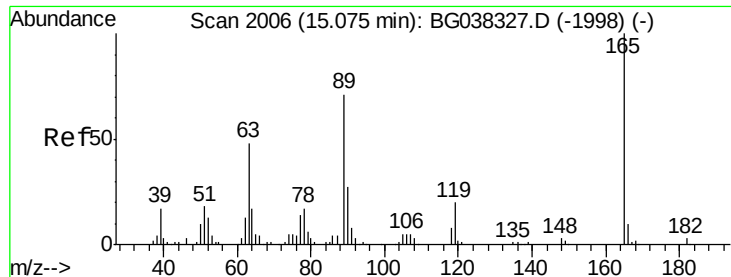
Tgt Ion:168 Resp: 398942
Ion Ratio Lower Upper
168 100
139 38.7 29.4 44.0
169 13.2 11.0 16.6



#56
4-Nitrophenol
Concen: 100.563 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:139 Resp: 128968
Ion Ratio Lower Upper
139 100
109 91.2 49.5 89.5#
65 108.2 76.8 116.8

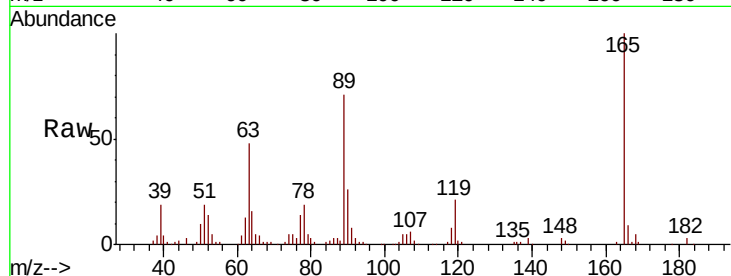




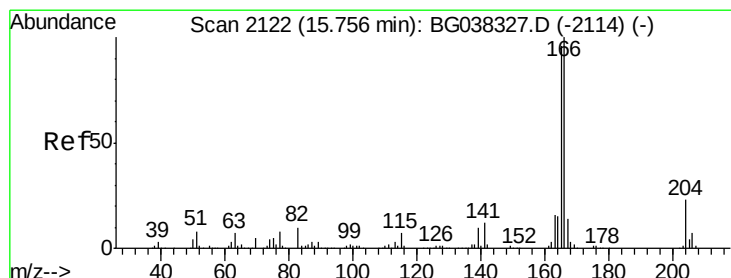
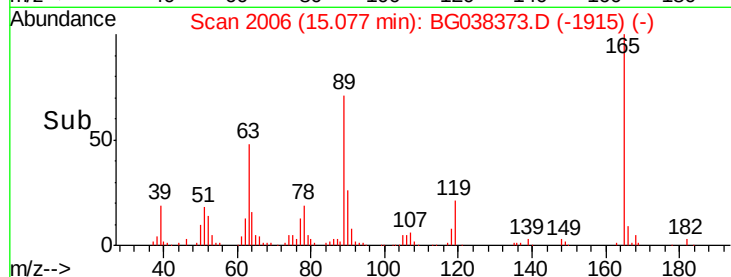
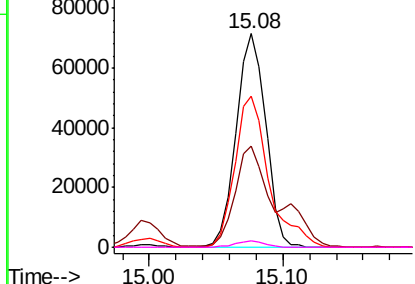
#57
2,4-Dinitrotoluene
Concen: 52.725 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion:165 Resp: 109621
Ion Ratio Lower Upper
165 100
63 47.6 33.4 50.0
89 70.5 57.2 85.8
182 3.1 2.6 4.0

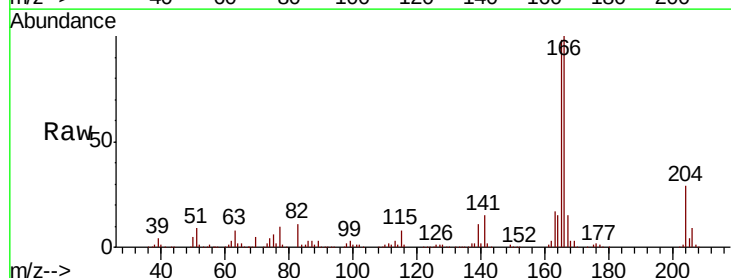


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

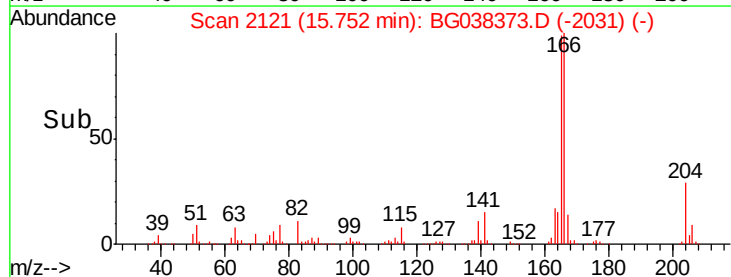
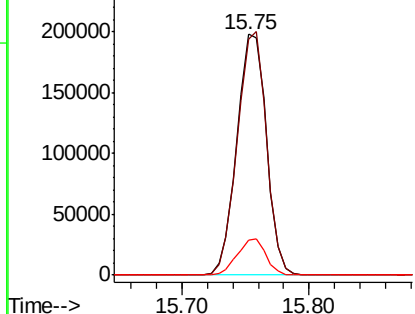


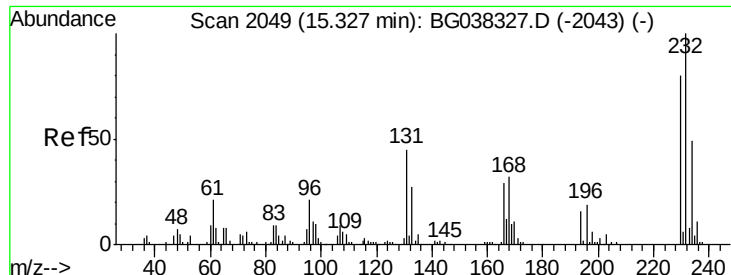
#58
Fluorene
Concen: 54.503 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:166 Resp: 319859
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 14.5 11.3 16.9



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

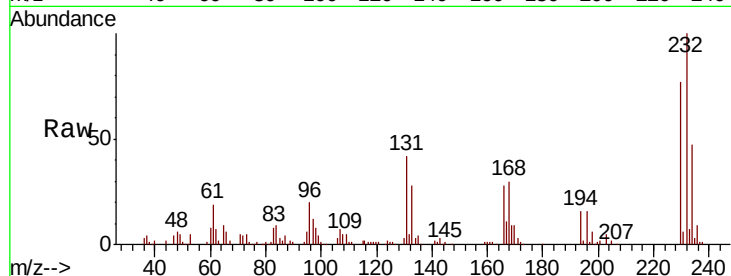




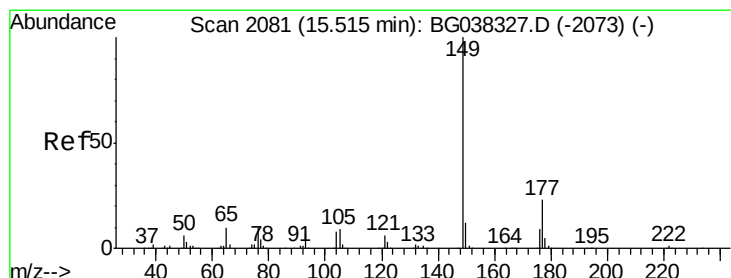
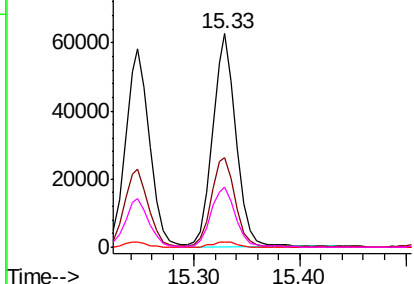
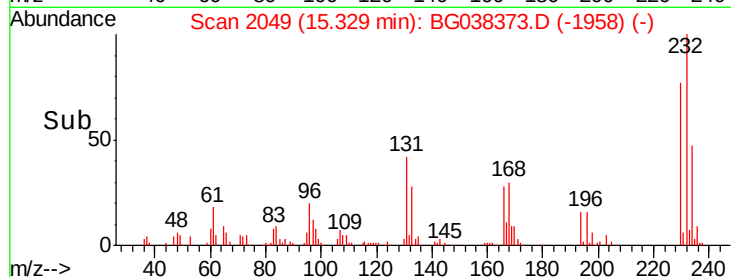
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.170 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tgt Ion:232 Resp: 96466
 Ion Ratio Lower Upper
 232 100
 131 43.6 33.7 50.5
 130 2.7 2.1 3.1
 166 28.8 24.6 36.8

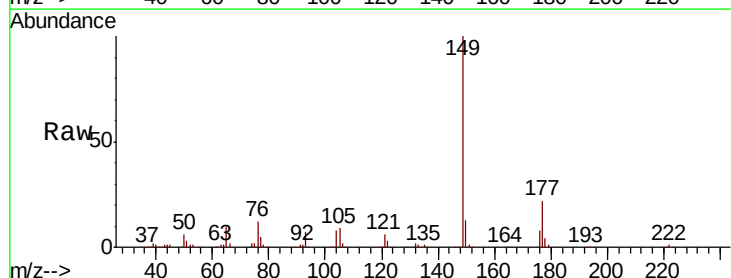


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

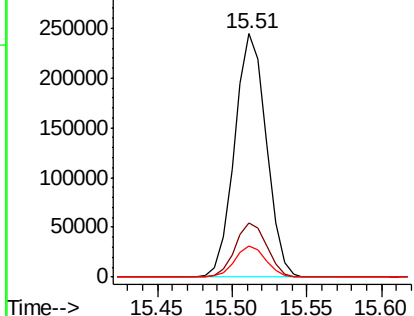
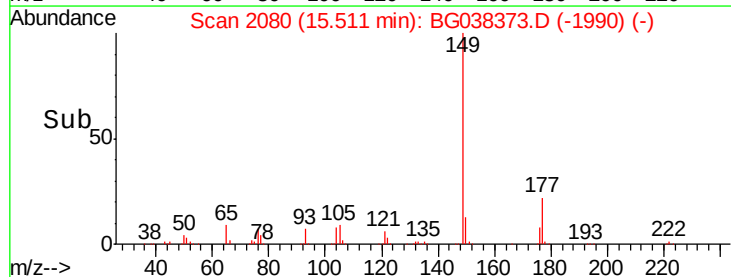


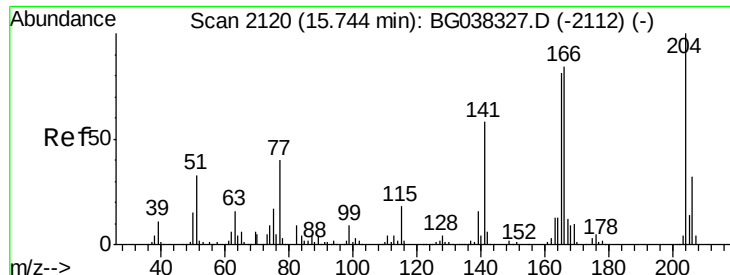
#60
 Diethylphthalate
 Concen: 49.394 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:149 Resp: 361121
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.3 27.5
 150 12.8 10.0 15.0



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

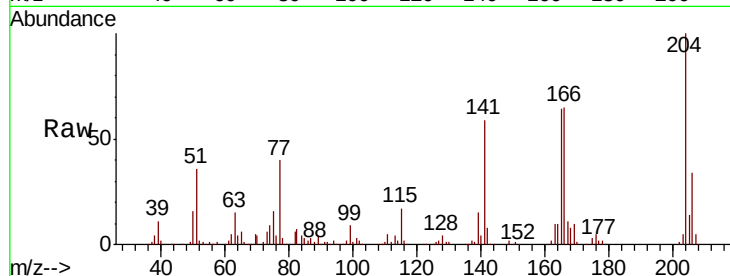




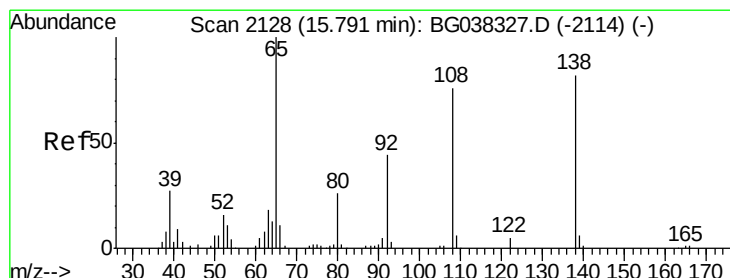
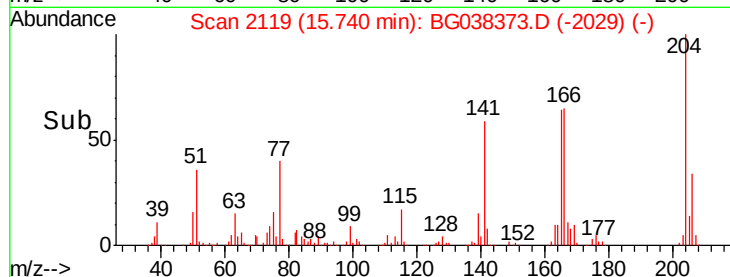
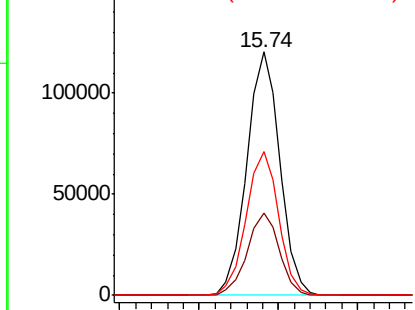
#61
4-Chlorophenyl-phenylether
Concen: 49.270 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion:204 Resp: 173677
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 59.0 45.4 68.2

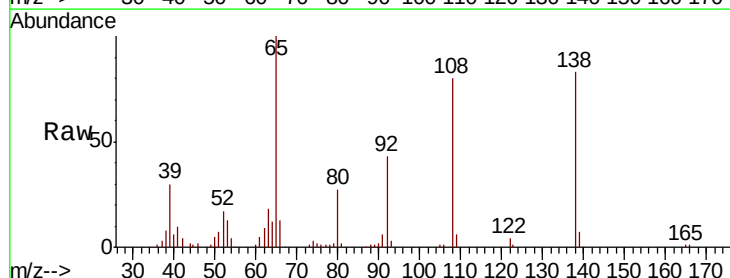


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

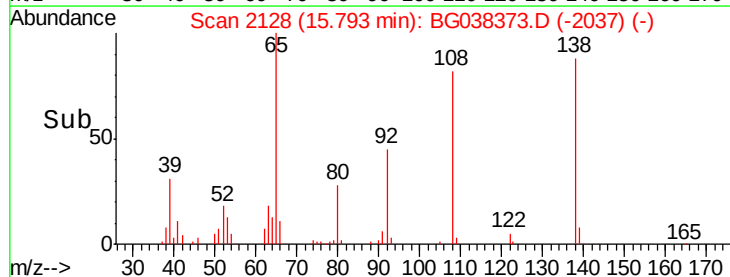
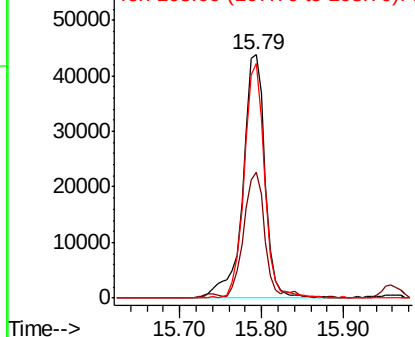


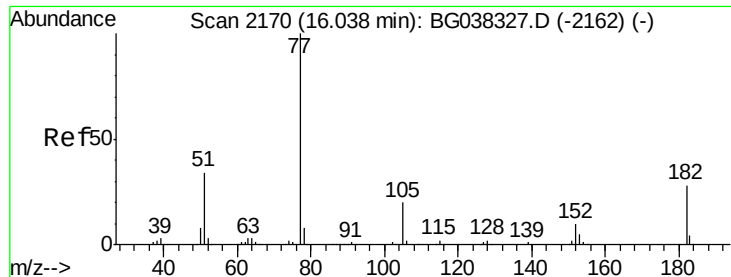
#62
4-Nitroaniline
Concen: 51.518 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:138 Resp: 82263
Ion Ratio Lower Upper
138 100
92 51.8 36.4 76.4
108 96.5 60.1 100.1



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





#63

Azobenzene

Concen: 50.151 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

Tgt Ion: 77 Resp: 320886

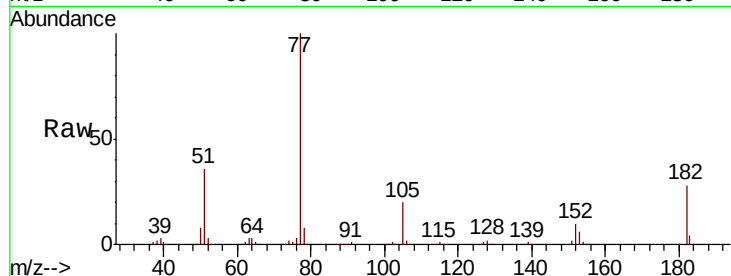
Ion Ratio Lower Upper

77 100

182 28.3 8.0 48.0

105 19.5 1.3 41.3

51 36.3 10.7 50.7

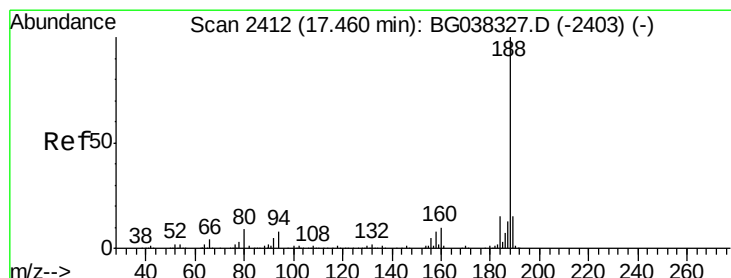
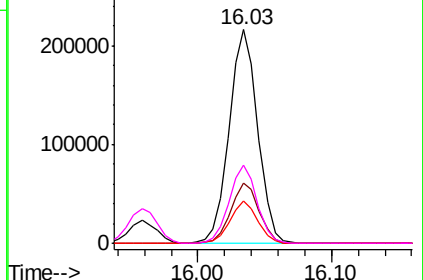
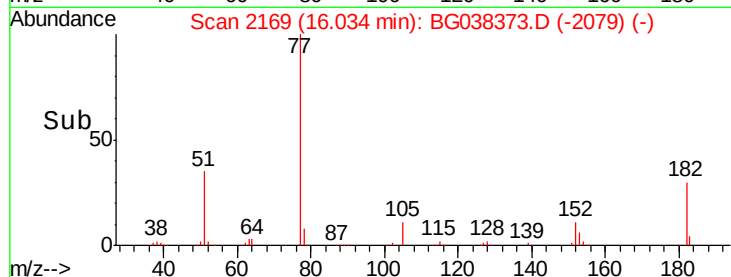


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

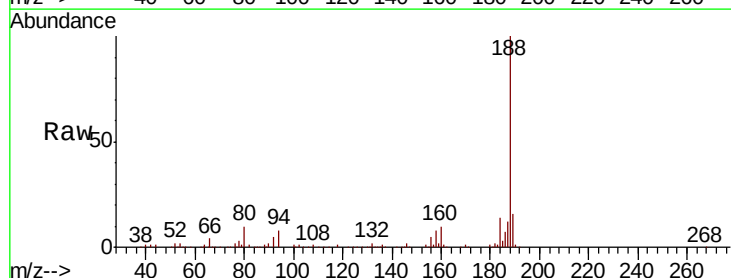
Tgt Ion: 188 Resp: 214219

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

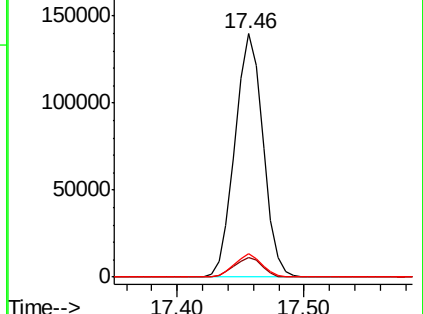
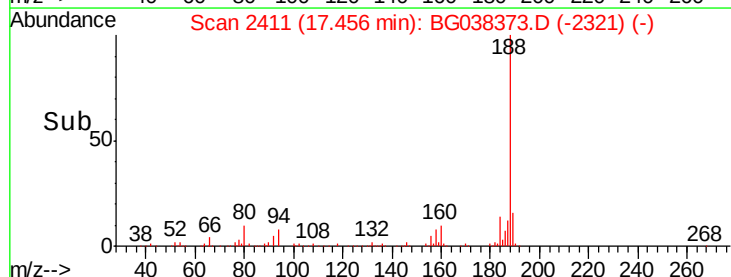
80 9.6 7.7 11.5

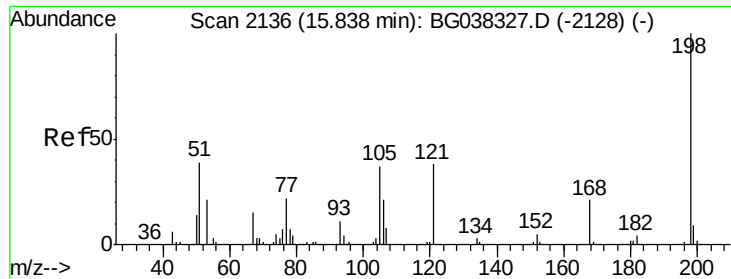


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 48.759 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

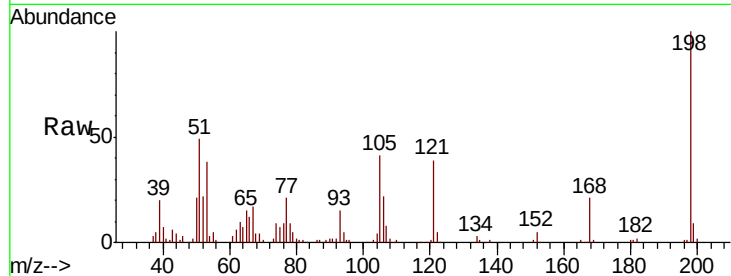
Tgt Ion:198 Resp: 68437

Ion Ratio Lower Upper

198 100

51 48.6 22.7 62.7

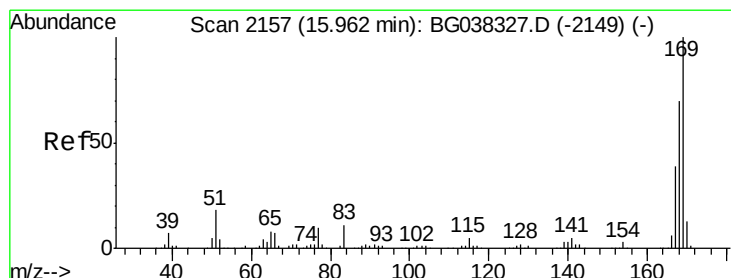
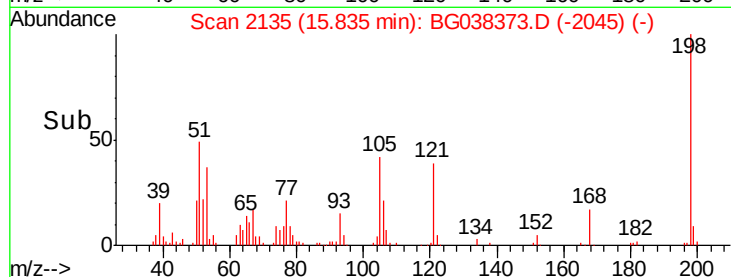
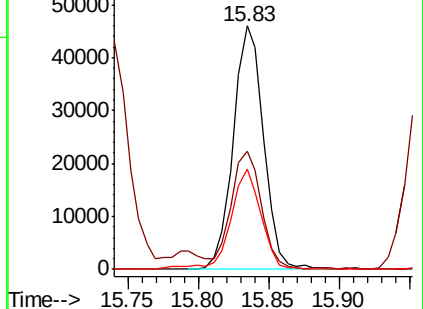
105 41.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.911 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

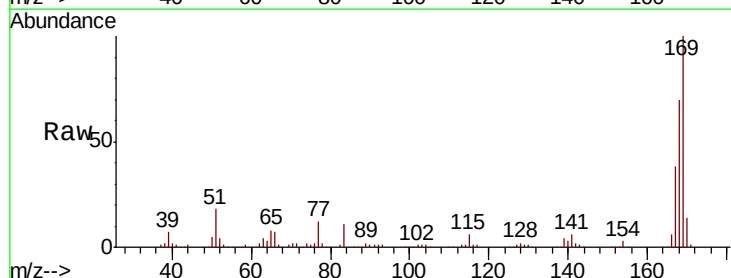
Tgt Ion:169 Resp: 294637

Ion Ratio Lower Upper

169 100

168 70.1 55.7 83.5

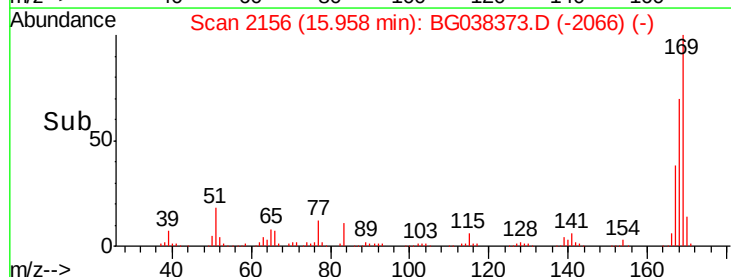
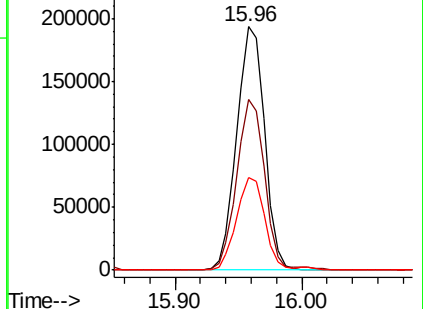
167 38.3 31.3 46.9

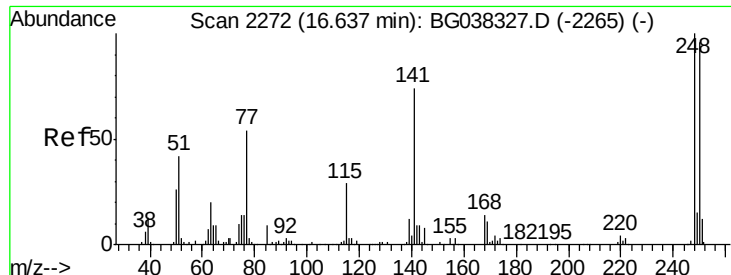


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

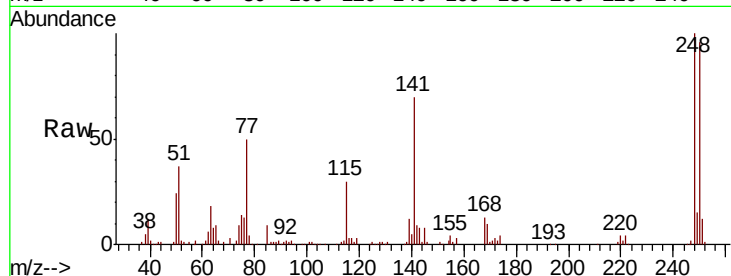




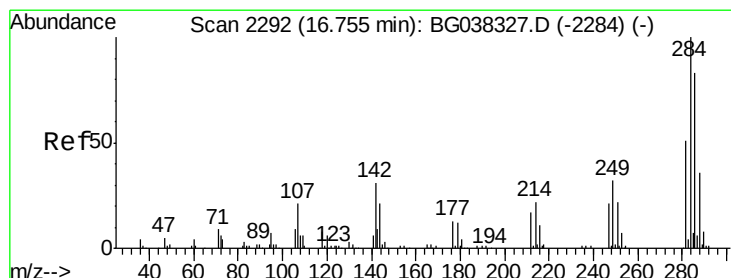
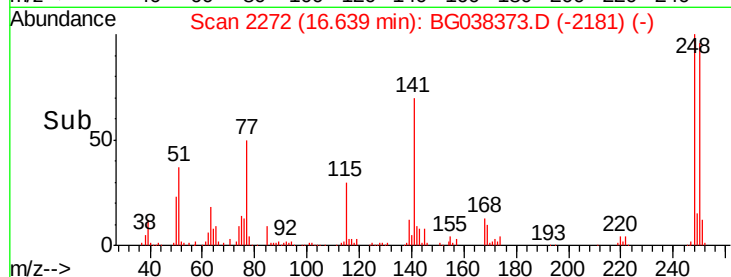
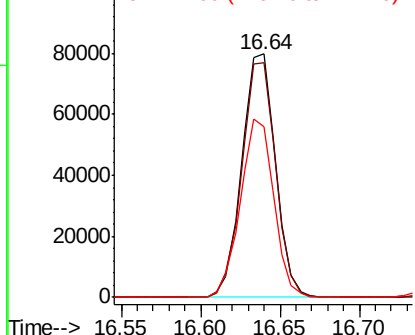
#67
 4-Bromophenyl-phenylether
 Concen: 50.765 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tgt Ion:248 Resp: 117436
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.0 115.6
 141 70.3 55.5 83.3

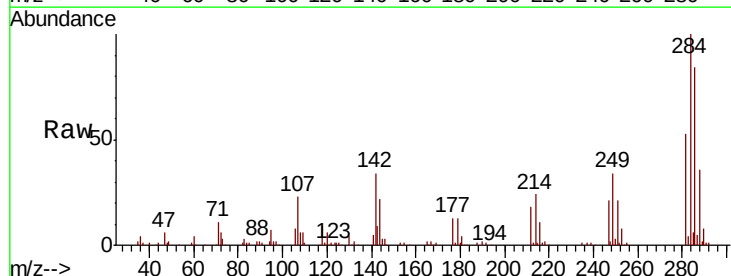


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

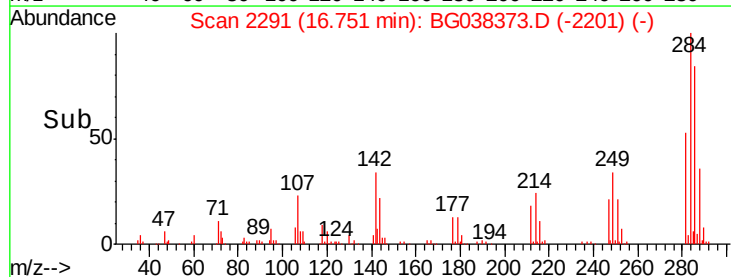
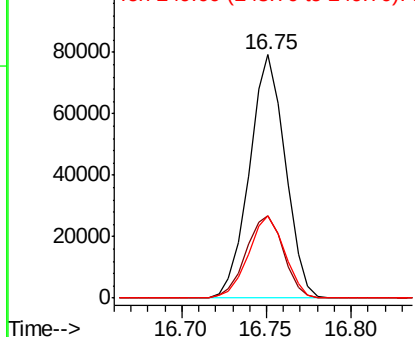


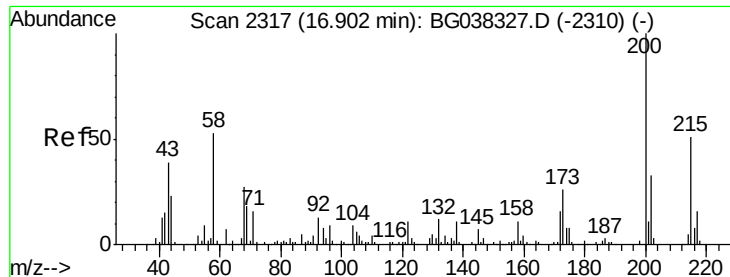
#68
 Hexachlorobenzene
 Concen: 49.075 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:284 Resp: 117099
 Ion Ratio Lower Upper
 284 100
 142 34.0 28.1 42.1
 249 36.5 29.8 44.8



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

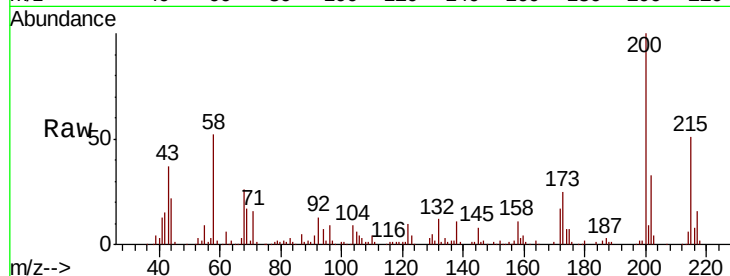




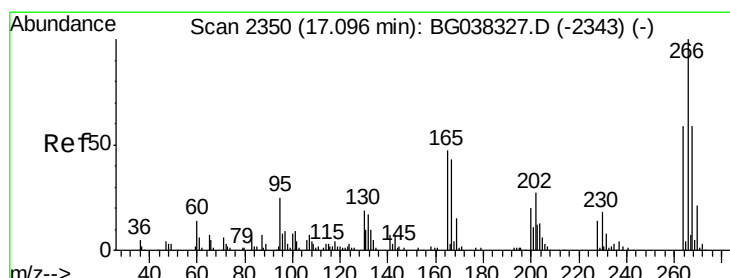
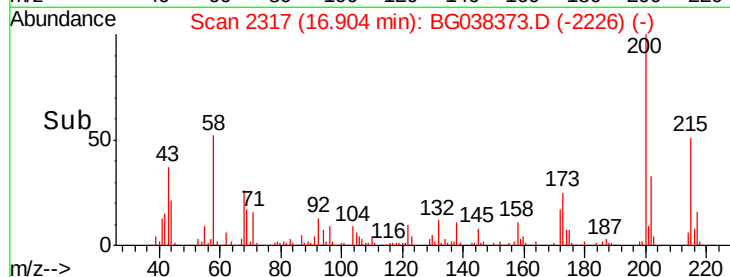
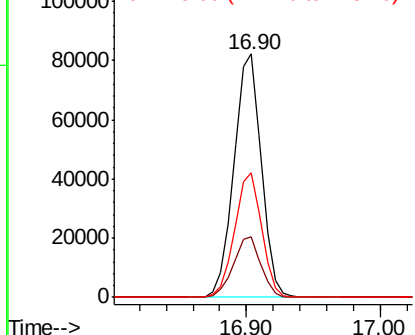
#69
 Atrazine
 Concen: 52.109 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

Tgt Ion:200 Resp: 117129
 Ion Ratio Lower Upper
 200 100
 173 25.0 6.1 46.1
 215 51.1 30.8 70.8

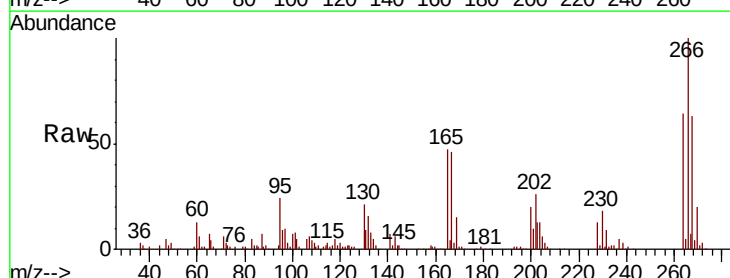


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

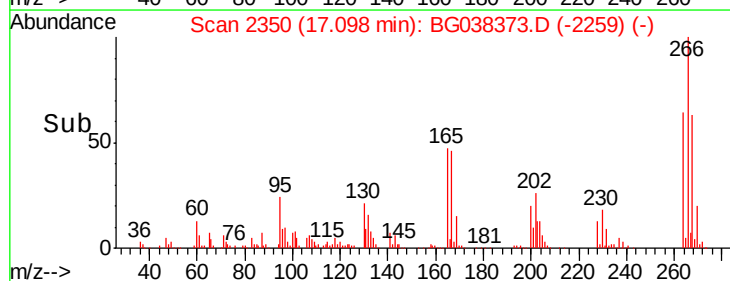
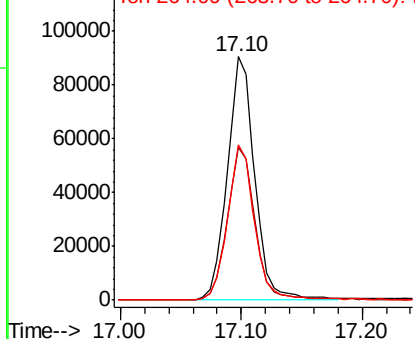


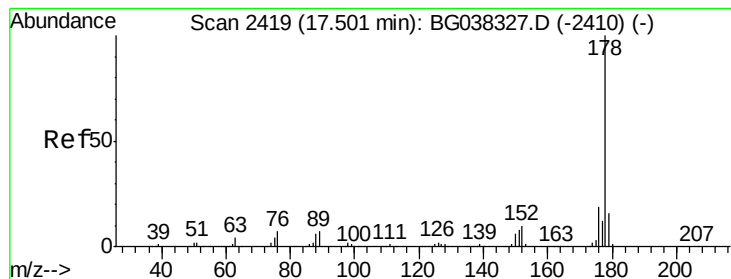
#70
 Pentachlorophenol
 Concen: 87.535 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion:266 Resp: 143062
 Ion Ratio Lower Upper
 266 100
 268 67.2 55.0 82.6
 264 69.0 58.9 88.3



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: 53.676 ng

RT: 17.50 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

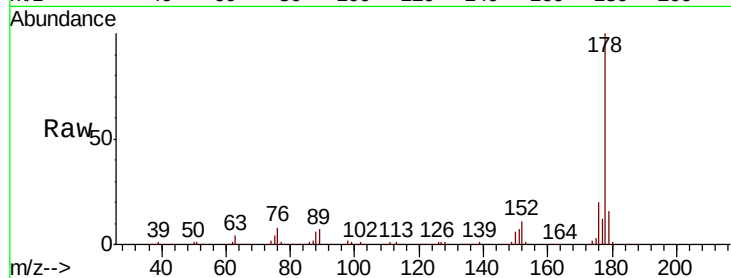
Tgt Ion:178 Resp: 575834

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

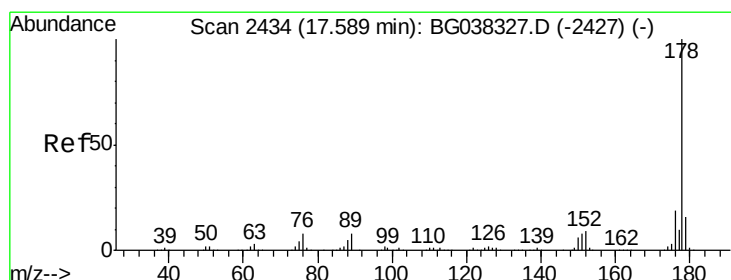
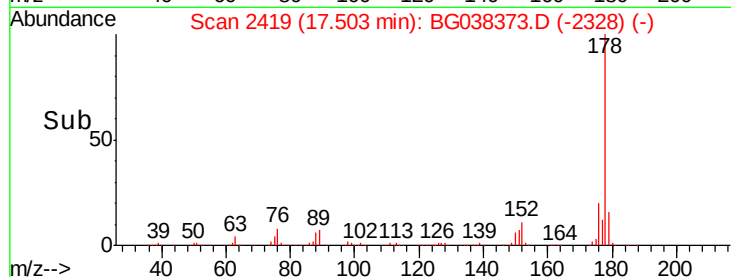
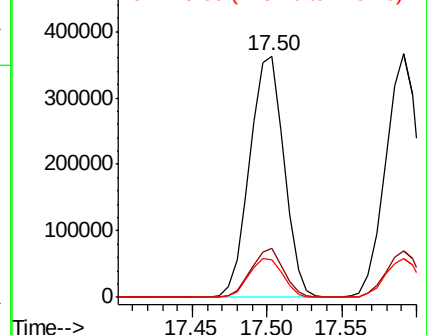
179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 54.387 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

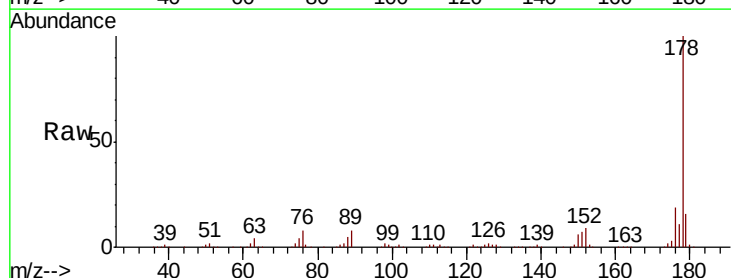
Tgt Ion:178 Resp: 565027

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

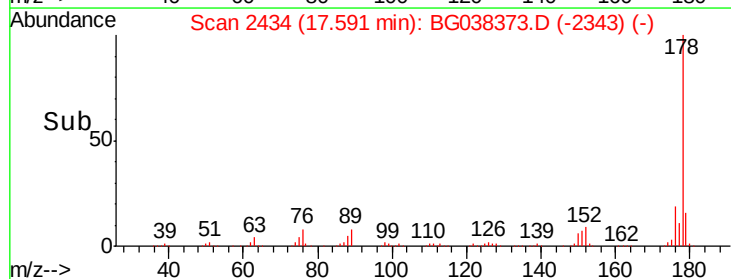
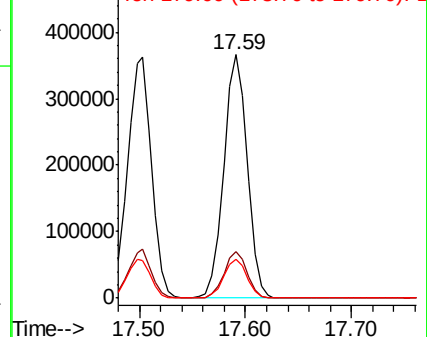
179 16.2 12.8 19.2

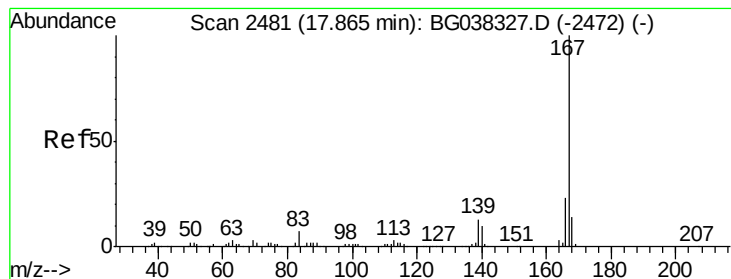


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.326 ng

RT: 17.87 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

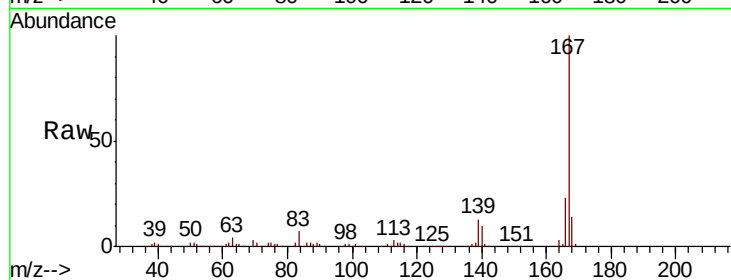
Tgt Ion:167 Resp: 498298

Ion Ratio Lower Upper

167 100

166 22.7 18.3 27.5

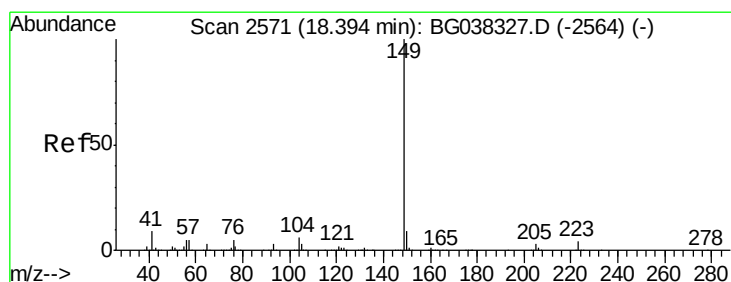
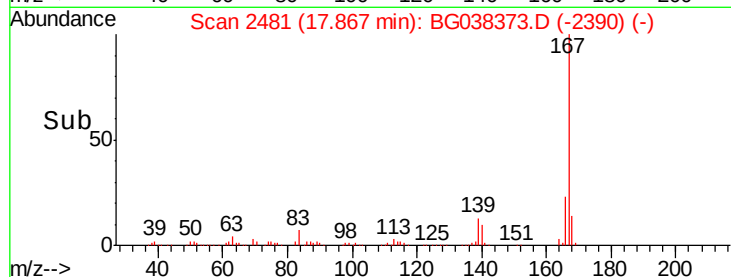
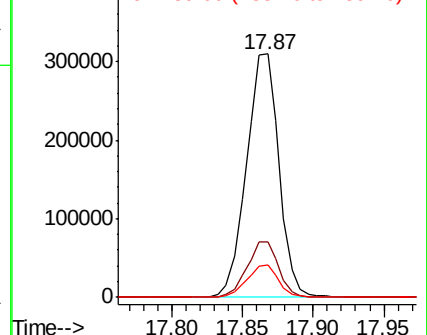
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.983 ng

RT: 18.40 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

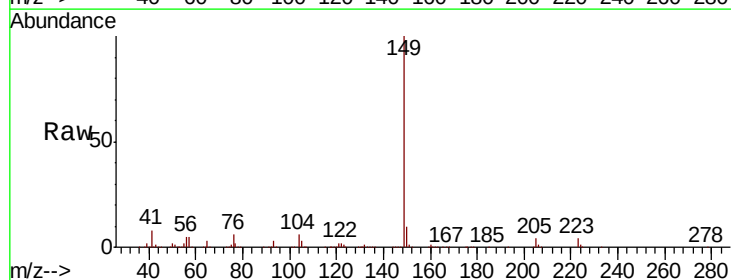
Tgt Ion:149 Resp: 602089

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

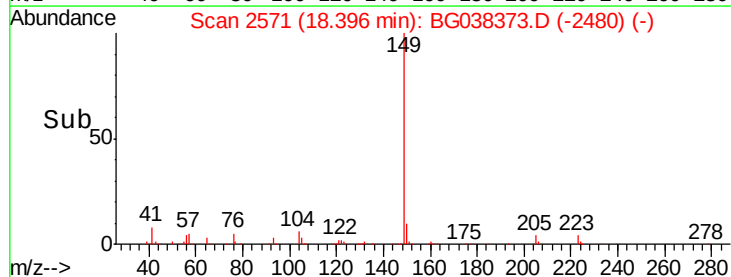
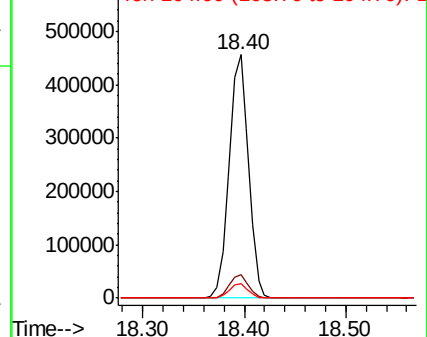
104 5.9 4.0 6.0

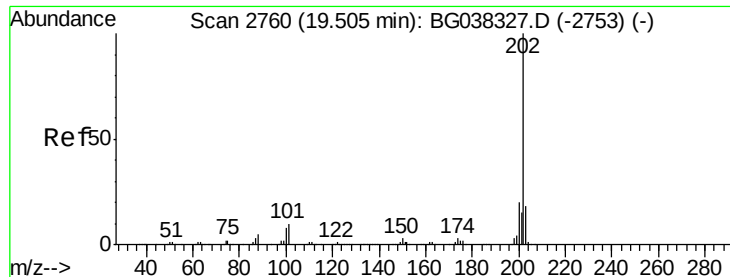


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 59.632 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

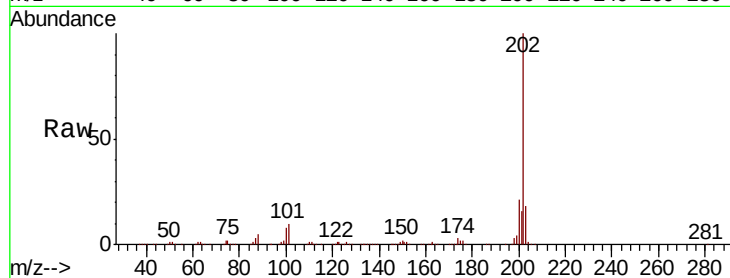
Tgt Ion:202 Resp: 747428

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.7

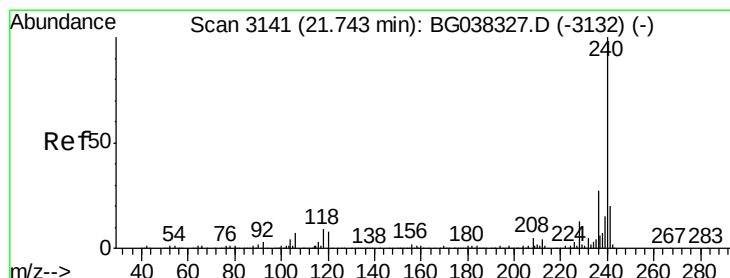
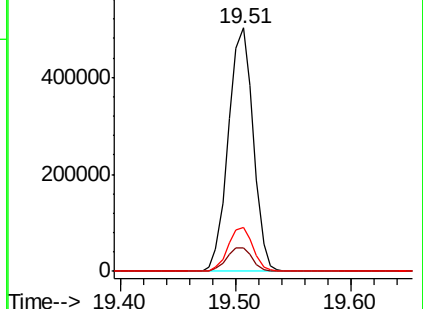
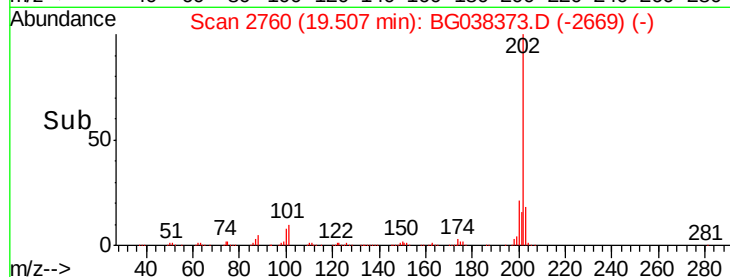
203 17.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

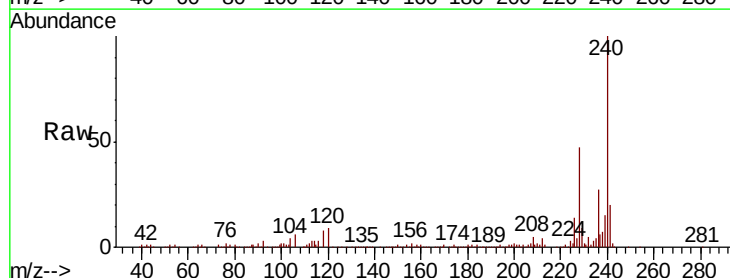
Tgt Ion:240 Resp: 195077

Ion Ratio Lower Upper

240 100

120 9.2 8.1 12.1

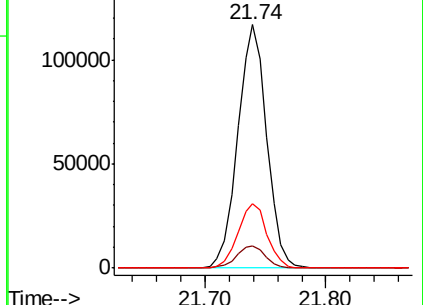
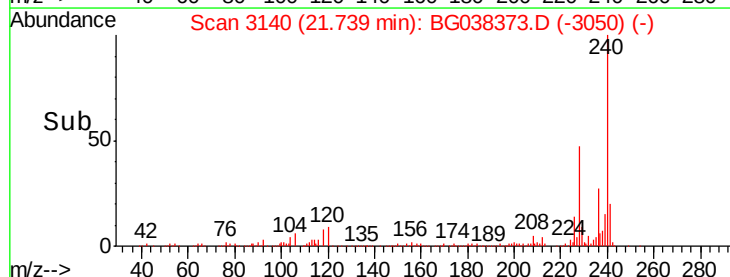
236 26.7 21.4 32.0

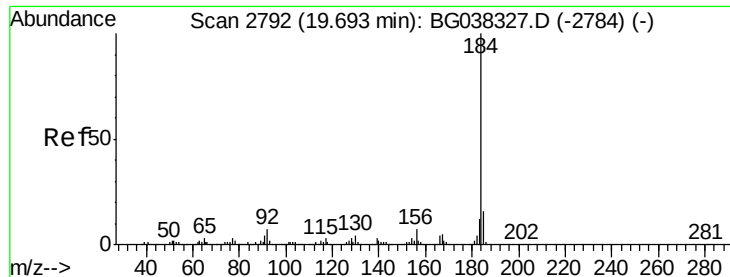


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.887 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

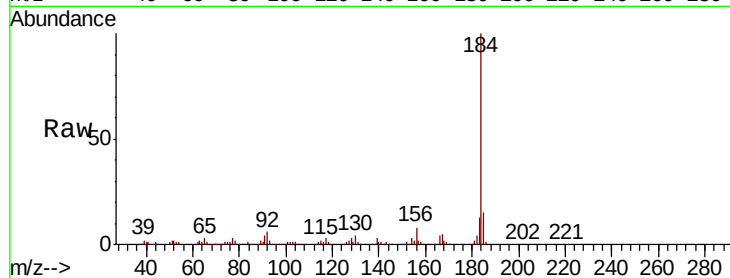
Tgt Ion:184 Resp: 229656

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

183 13.2 10.2 15.2

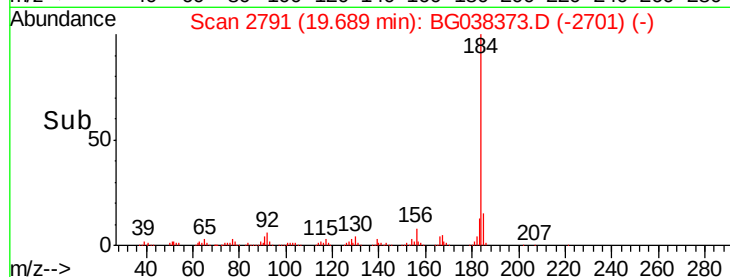


Abundance Ion 184.00 (183.70 to 184.70): E

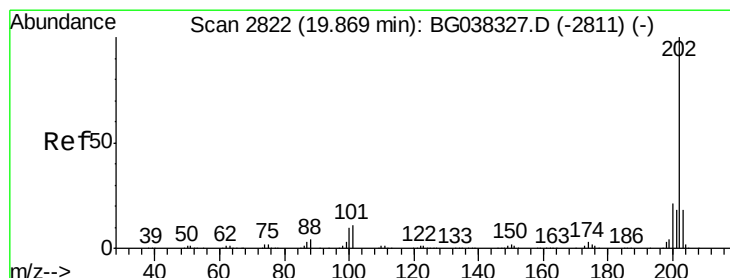
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.69



Time-->



#78

Pyrene

Concen: 50.206 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

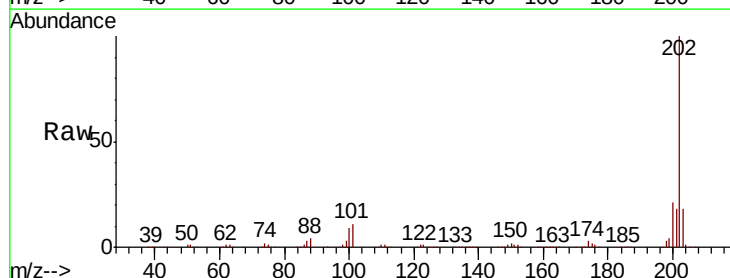
Tgt Ion:202 Resp: 685268

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

203 18.2 15.2 22.8

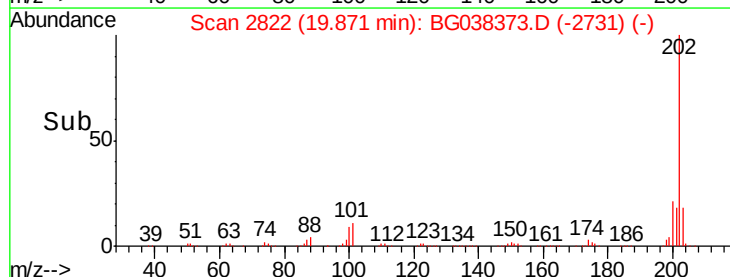


Abundance Ion 202.00 (201.70 to 202.70): E

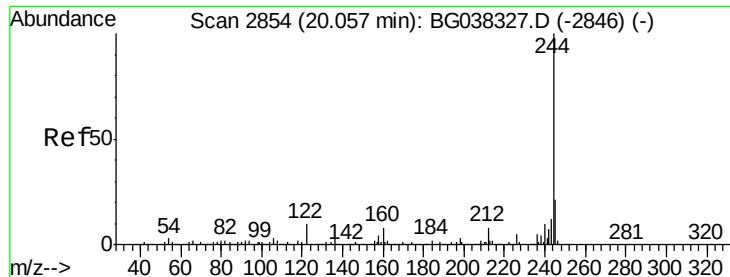
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.87



Time-->



#79

Terphenyl-d14

Concen: 102.276 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

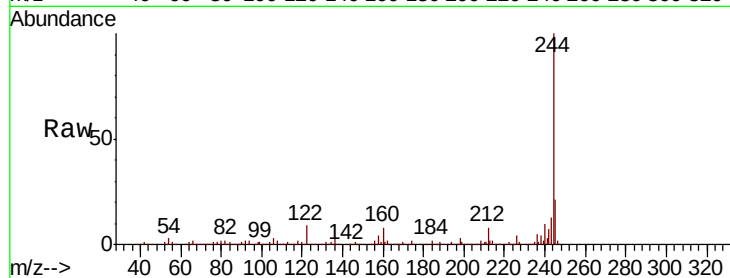
Tgt Ion:244 Resp: 931343

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

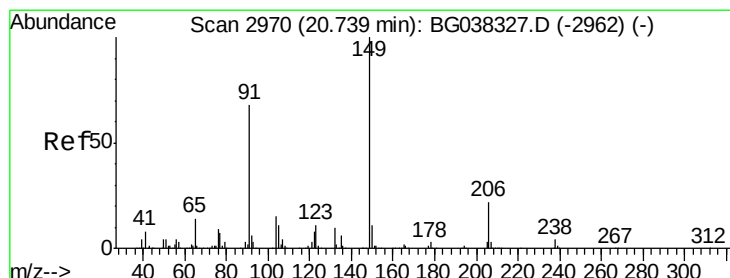
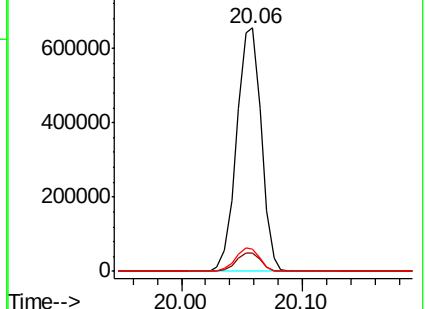
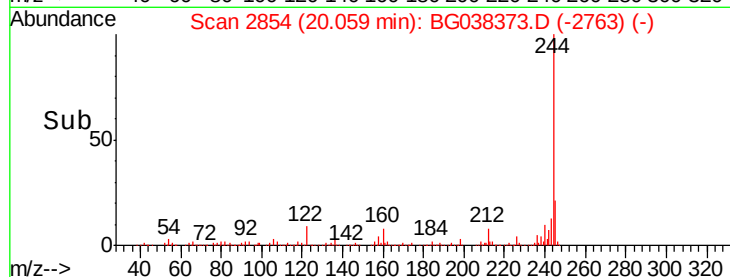
122 9.1 9.0 13.4



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: 49.327 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

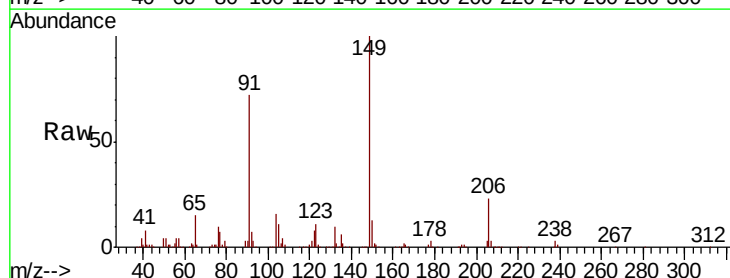
Tgt Ion:149 Resp: 270792

Ion Ratio Lower Upper

149 100

91 71.7 57.0 85.4

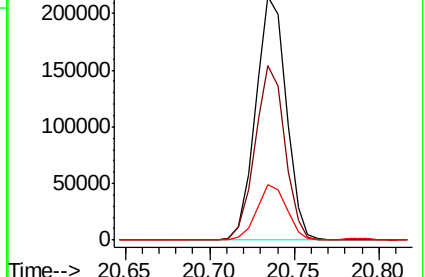
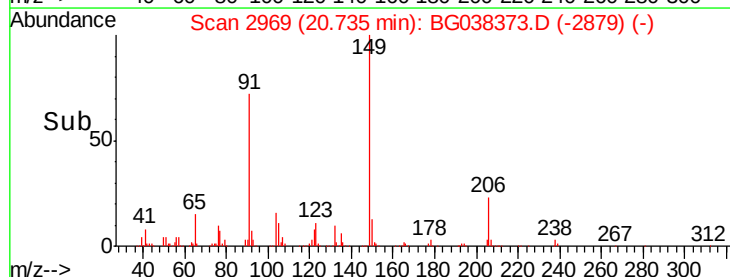
206 22.8 17.8 26.6

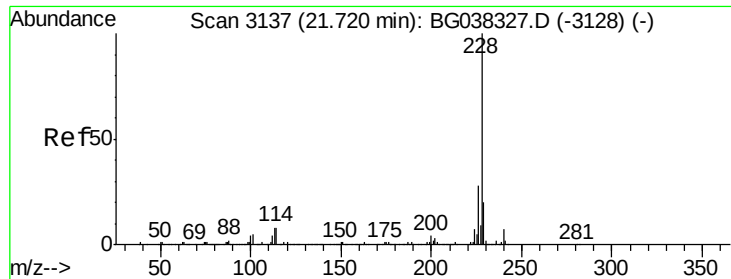


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

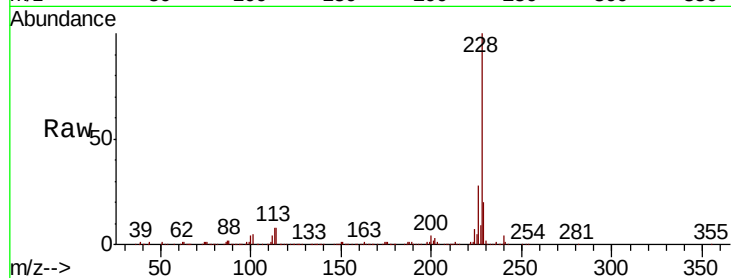




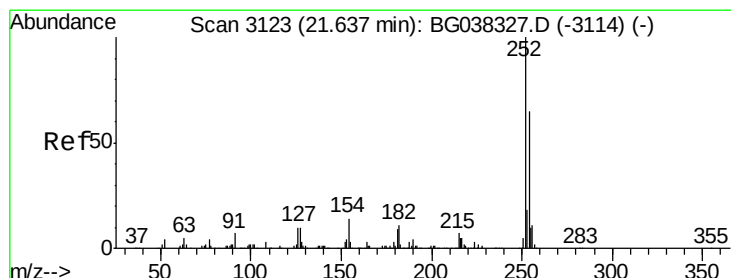
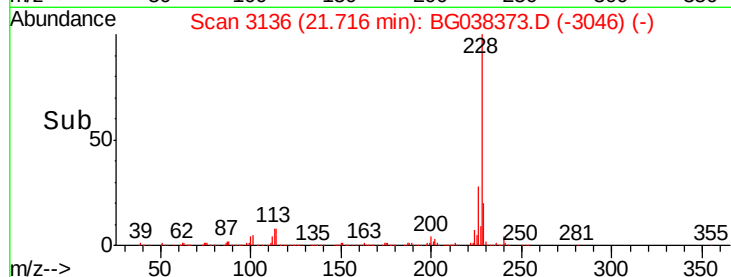
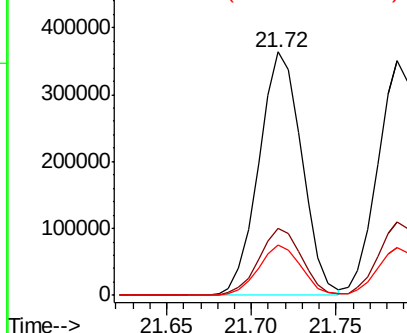
#81
Benzo(a)anthracene
Concen: 53.322 ng
RT: 21.72 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion: 228 Resp: 639305
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.4 16.3 24.5

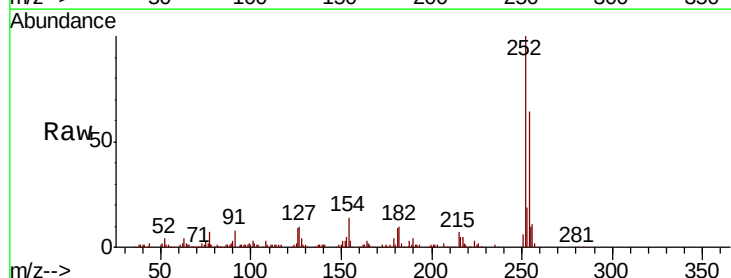


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

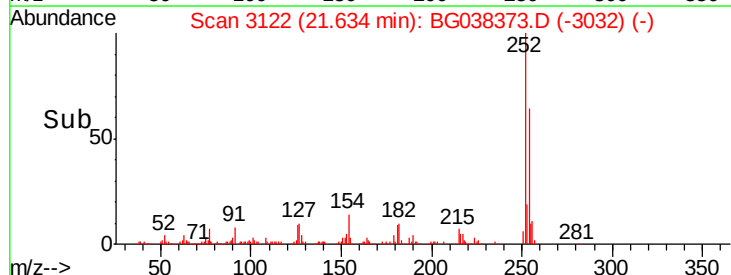
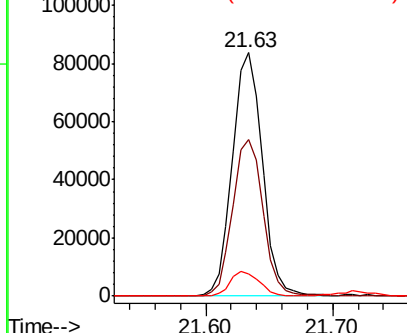


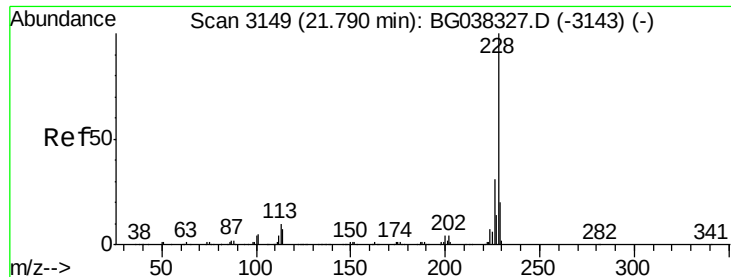
#82
3,3'-Dichlorobenzidine
Concen: 29.405 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion: 252 Resp: 137145
Ion Ratio Lower Upper
252 100
254 64.4 52.0 78.0
126 9.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

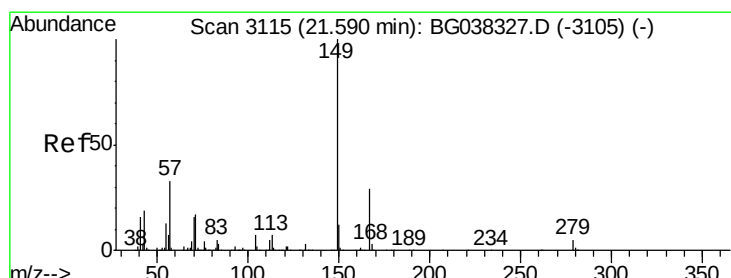
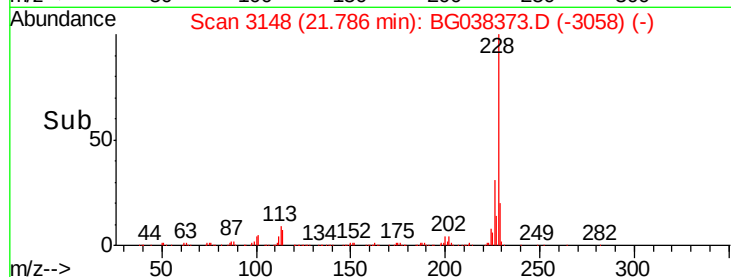
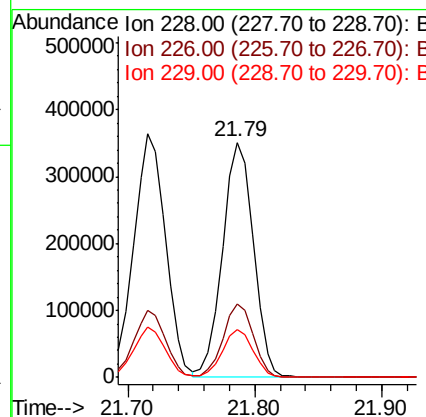
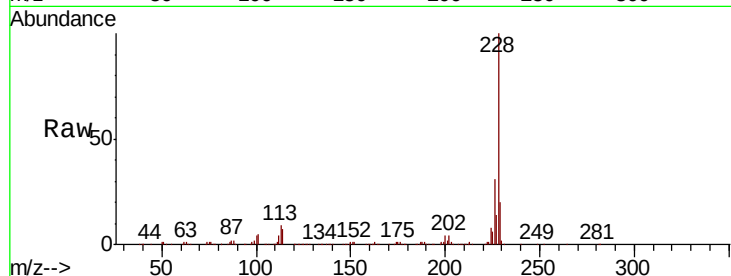




#83
Chrysene
 Concen: 52.212 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

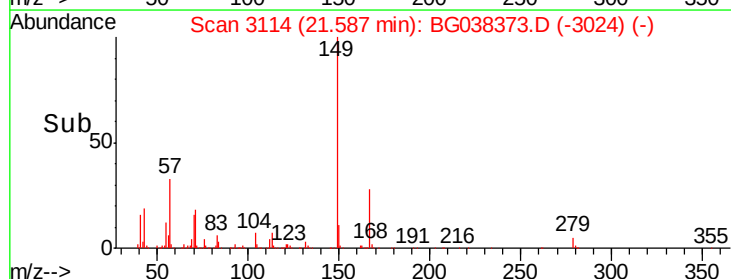
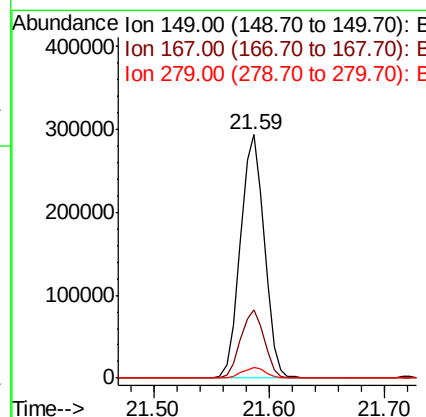
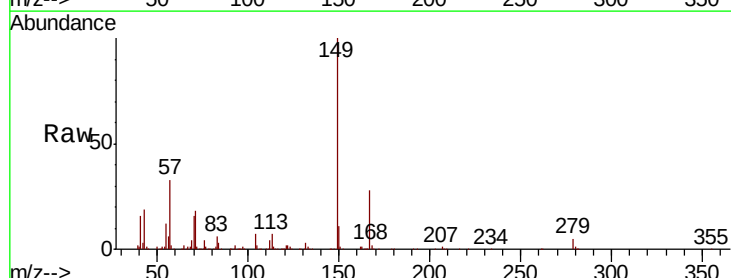
Instrument :
 BNA_G
 ClientSampleId :
 PB115183BSD

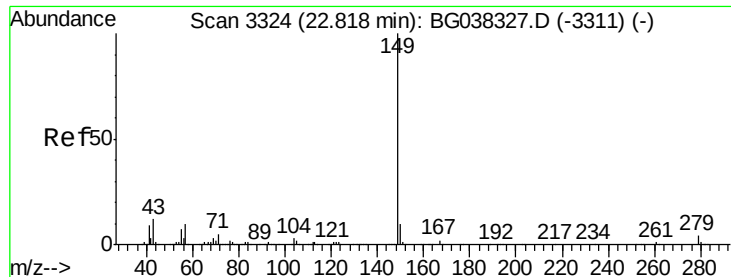
Tgt Ion: 228 Resp: 592386
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.7 38.5
 229 20.5 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
 Concen: 54.065 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG038373.D
 Acq: 6 Dec 2018 00:23

Tgt Ion: 149 Resp: 420680
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.0 34.4
 279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 53.206 ng

RT: 22.82 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

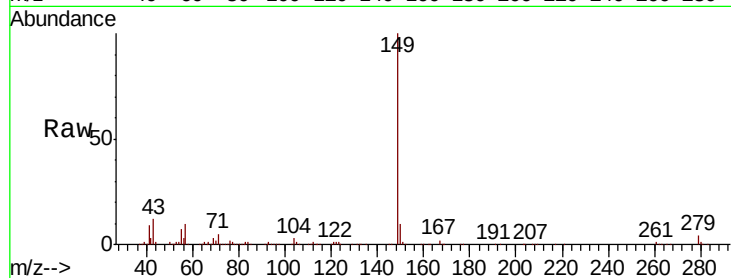
Tgt Ion:149 Resp: 709875

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

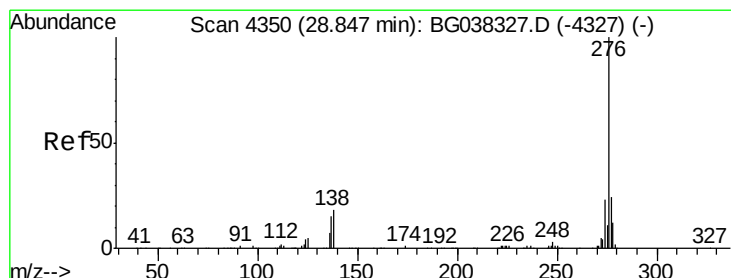
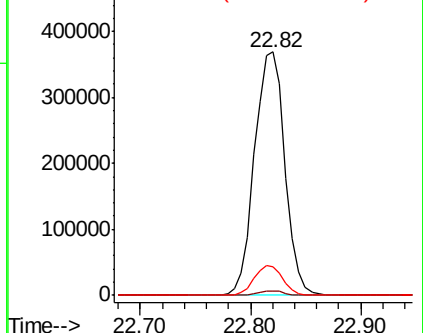
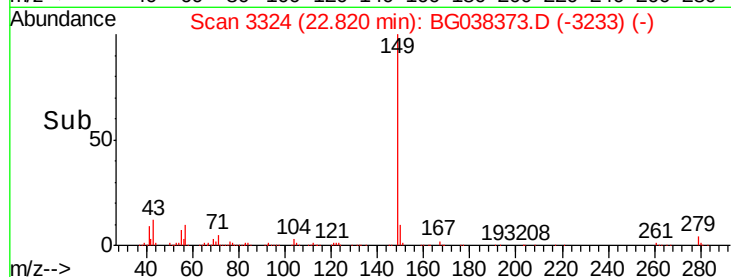
43 11.8 8.7 13.1



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: 54.736 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

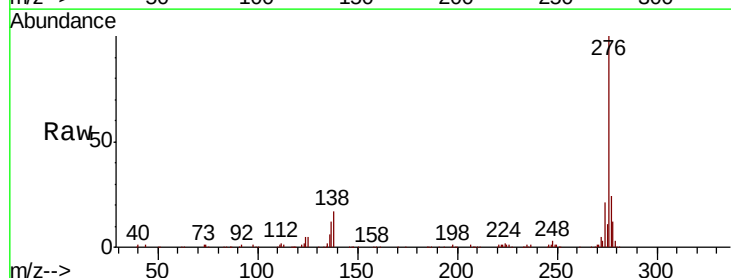
Tgt Ion:276 Resp: 705785

Ion Ratio Lower Upper

276 100

138 11.5 12.0 18.0#

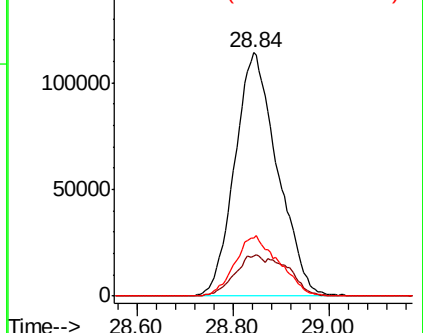
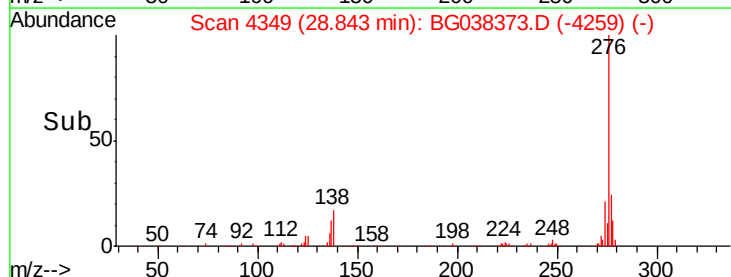
277 25.5 20.6 30.8

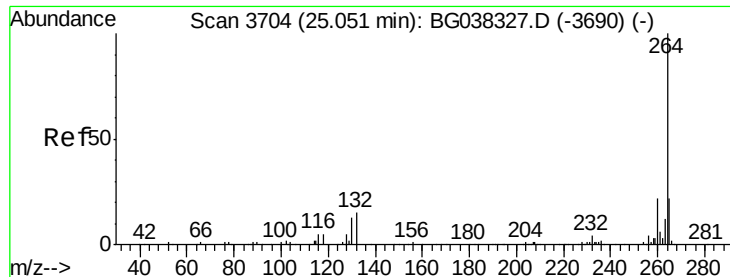


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

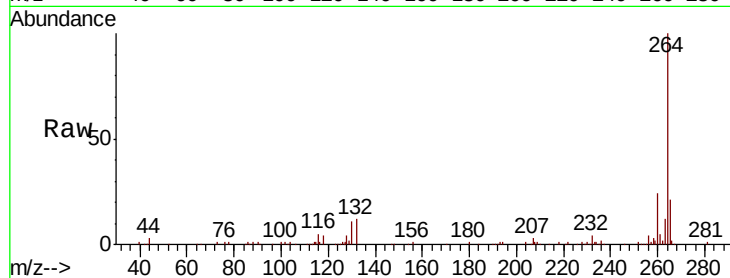




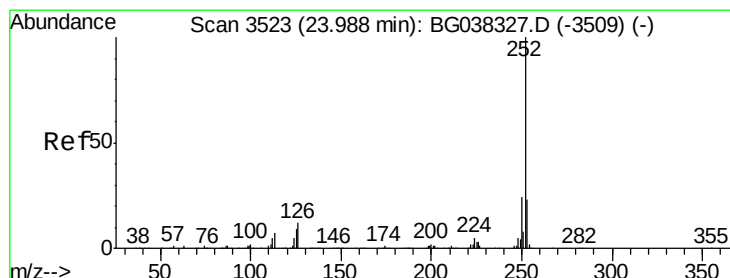
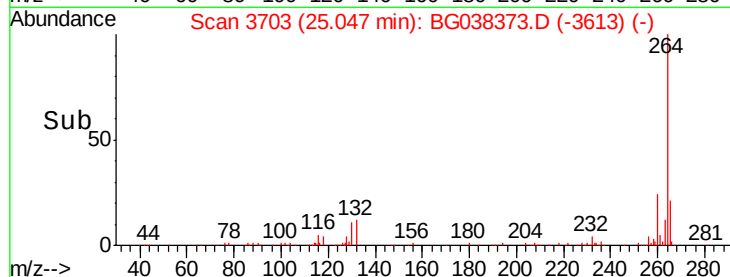
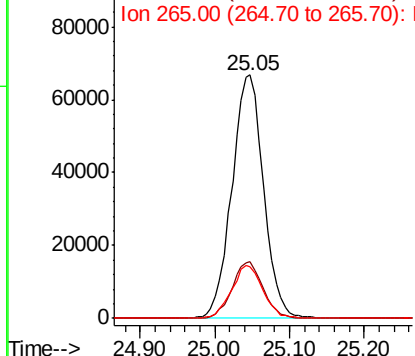
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115183BSD

Tgt Ion:264 Resp: 196525
Ion Ratio Lower Upper
264 100
260 23.5 18.2 27.4
265 21.2 17.9 26.9

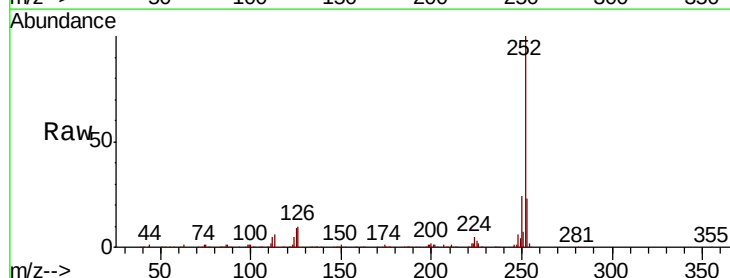


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

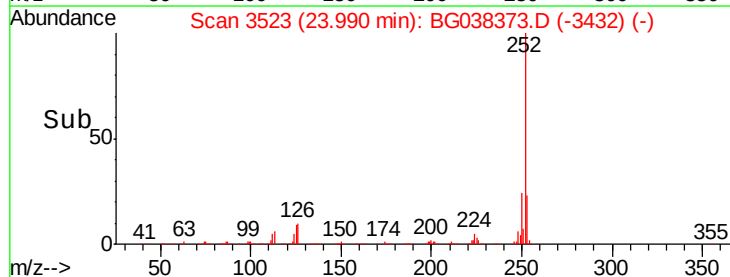
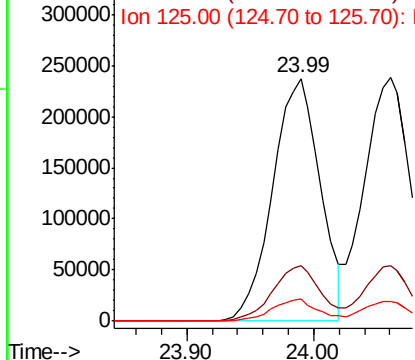


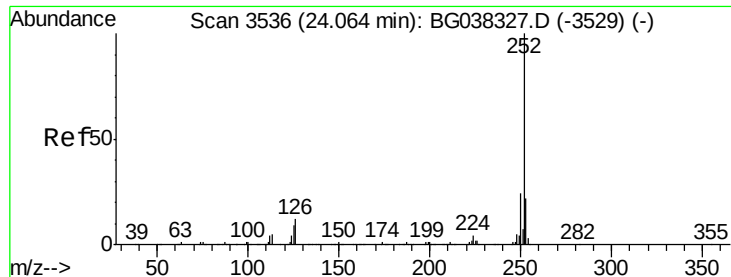
#88
Benzo(b)fluoranthene
Concen: 55.661 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG038373.D
Acq: 6 Dec 2018 00:23

Tgt Ion:252 Resp: 618077
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 9.0 7.8 11.6



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: 54.687 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

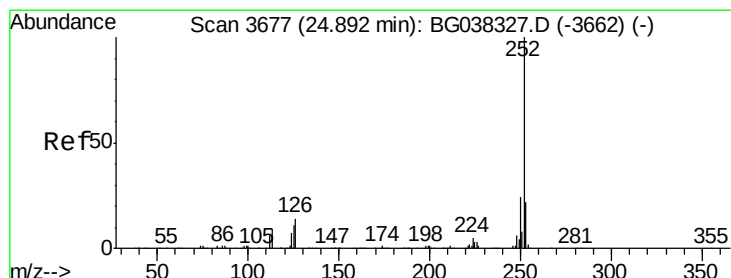
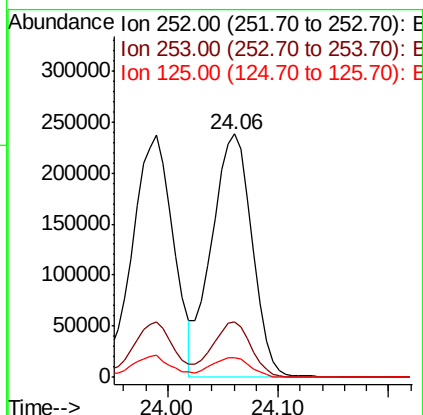
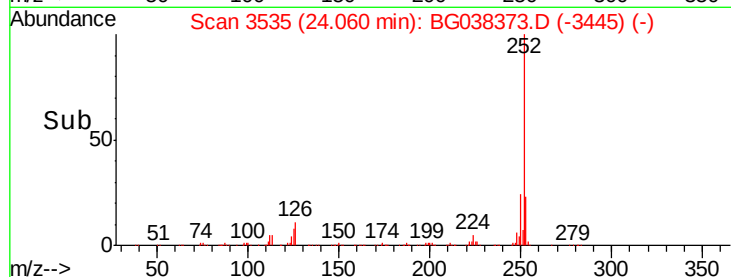
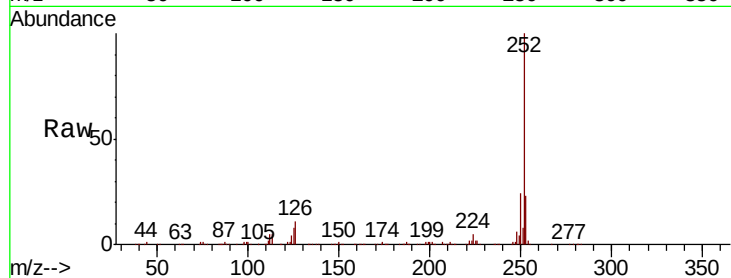
Tgt Ion:252 Resp: 604813

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 8.0 7.4 11.0



#90

Benzo(a)pyrene

Concen: 55.417 ng

RT: 24.89 min Scan# 3677

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

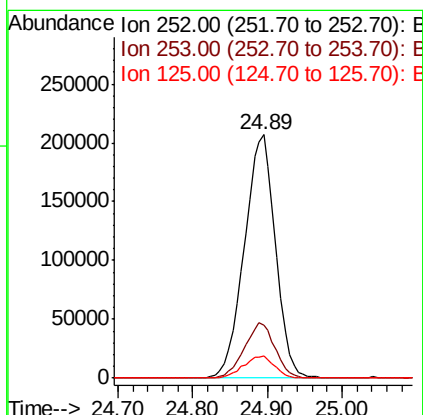
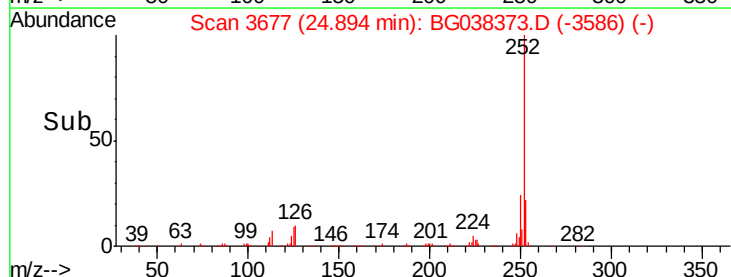
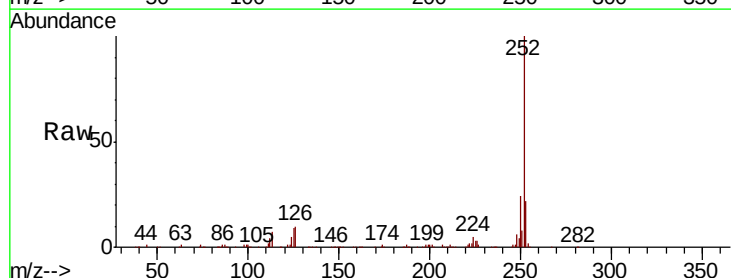
Tgt Ion:252 Resp: 596903

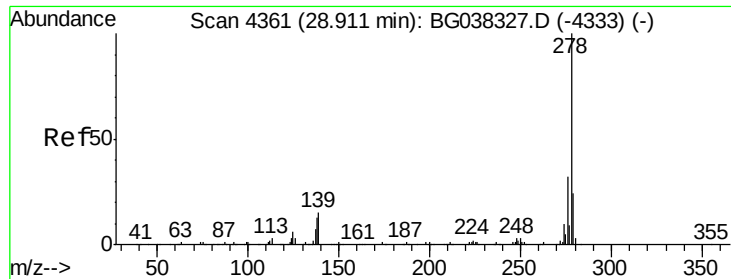
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 8.9 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 56.777 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115183BSD

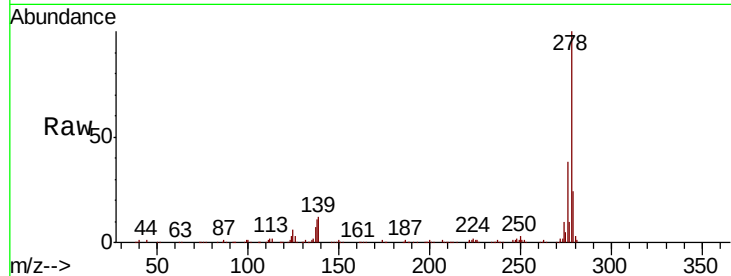
Tgt Ion:278 Resp: 580017

Ion Ratio Lower Upper

278 100

139 12.1 11.5 17.3

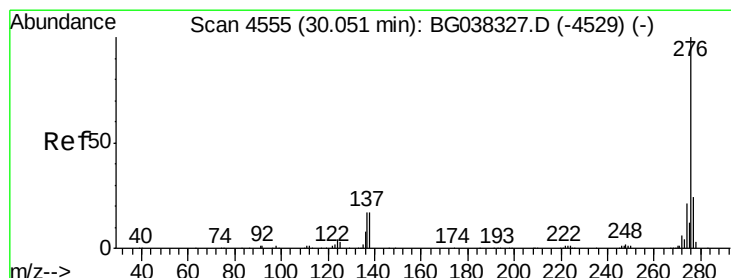
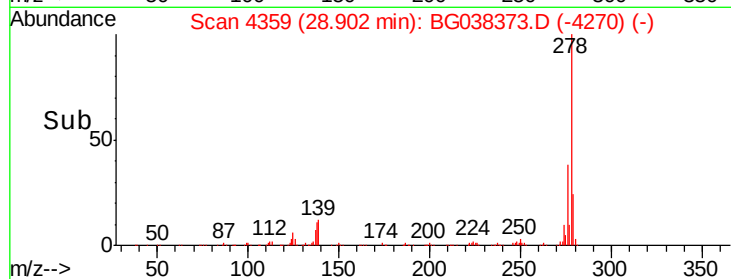
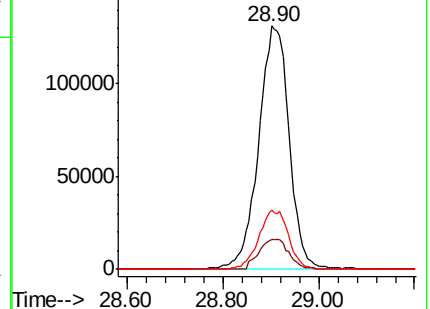
279 24.3 18.6 27.8



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: 57.739 ng

RT: 30.05 min Scan# 4555

Delta R.T. 0.00 min

Lab File: BG038373.D

Acq: 6 Dec 2018 00:23

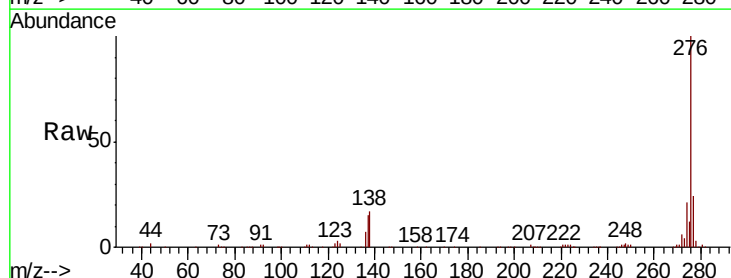
Tgt Ion:276 Resp: 585215

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 16.8 17.2 25.8#



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

