

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038574.D
 Acq On : 14 Dec 2018 19:07
 Operator : JU/SJ
 Sample : PB115331BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Quant Time: Dec 14 22:55:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22611	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	92635	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58013	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	148120	20.00	ng	0.00
76) Chrysene-d12	21.72	240	156376	20.00	ng	0.00
87) Perylene-d12	25.02	264	169376	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	163096	127.94	ng	0.00
7) Phenol-d6	7.21	99	215854	123.34	ng	0.00
23) Nitrobenzene-d5	9.24	82	125928	69.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	94265	117.90	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	290111	68.60	ng	0.00
79) Terphenyl-d14	20.04	244	611975	85.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20926	35.269	ng	90
3) Pyridine	3.89	79	57221	35.029	ng	93
4) n-Nitrosodimethylamine	3.82	42	37280	46.576	ng	# 90
6) Aniline	7.39	93	78944	35.336	ng	100
8) 2-Chlorophenol	7.62	128	66988	45.407	ng	99
9) Benzaldehyde	7.20	77	23086	20.335	ng	94
10) Phenol	7.24	94	84264	45.320	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	59426	40.145	ng	99
12) 1,3-Dichlorobenzene	7.95	146	69264	39.708	ng	98
13) 1,4-Dichlorobenzene	8.09	146	70269	39.334	ng	98
14) 1,2-Dichlorobenzene	8.41	146	67885	40.307	ng	97
15) Benzyl Alcohol	8.30	79	61176	44.784	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	133224	39.288	ng	99
17) 2-Methylphenol	8.50	107	59086	47.432	ng	96
18) Hexachloroethane	9.14	117	25674	39.329	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	48865	39.755	ng	98
20) 3+4-Methylphenols	8.82	107	78043	45.364	ng	97
22) Acetophenone	8.89	105	95894	41.444	ng	# 96
24) Nitrobenzene	9.28	77	76864	41.902	ng	97
25) Isophorone	9.79	82	136428	41.876	ng	100
26) 2-Nitrophenol	9.99	139	37197	39.619	ng	96
27) 2,4-Dimethylphenol	10.03	122	65476	48.661	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	78358	42.619	ng	97
29) 2,4-Dichlorophenol	10.52	162	69417	46.374	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	72649	40.179	ng	94
31) Naphthalene	10.93	128	197970	43.374	ng	98
32) Benzoic acid	10.17	122	27416	35.450	ng	93
33) 4-Chloroaniline	11.04	127	43160	21.781	ng	97
34) Hexachlorobutadiene	11.19	225	47636	38.936	ng	96
35) Caprolactam	11.83	113	13552	21.876	ng	# 82
36) 4-Chloro-3-methylphenol	12.15	107	71122	41.635	ng	92
37) 2-Methylnaphthalene	12.53	142	145730	44.755	ng	97
38) 1-Methylnaphthalene	12.75	142	138766	43.917	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84833	39.121	ng	99

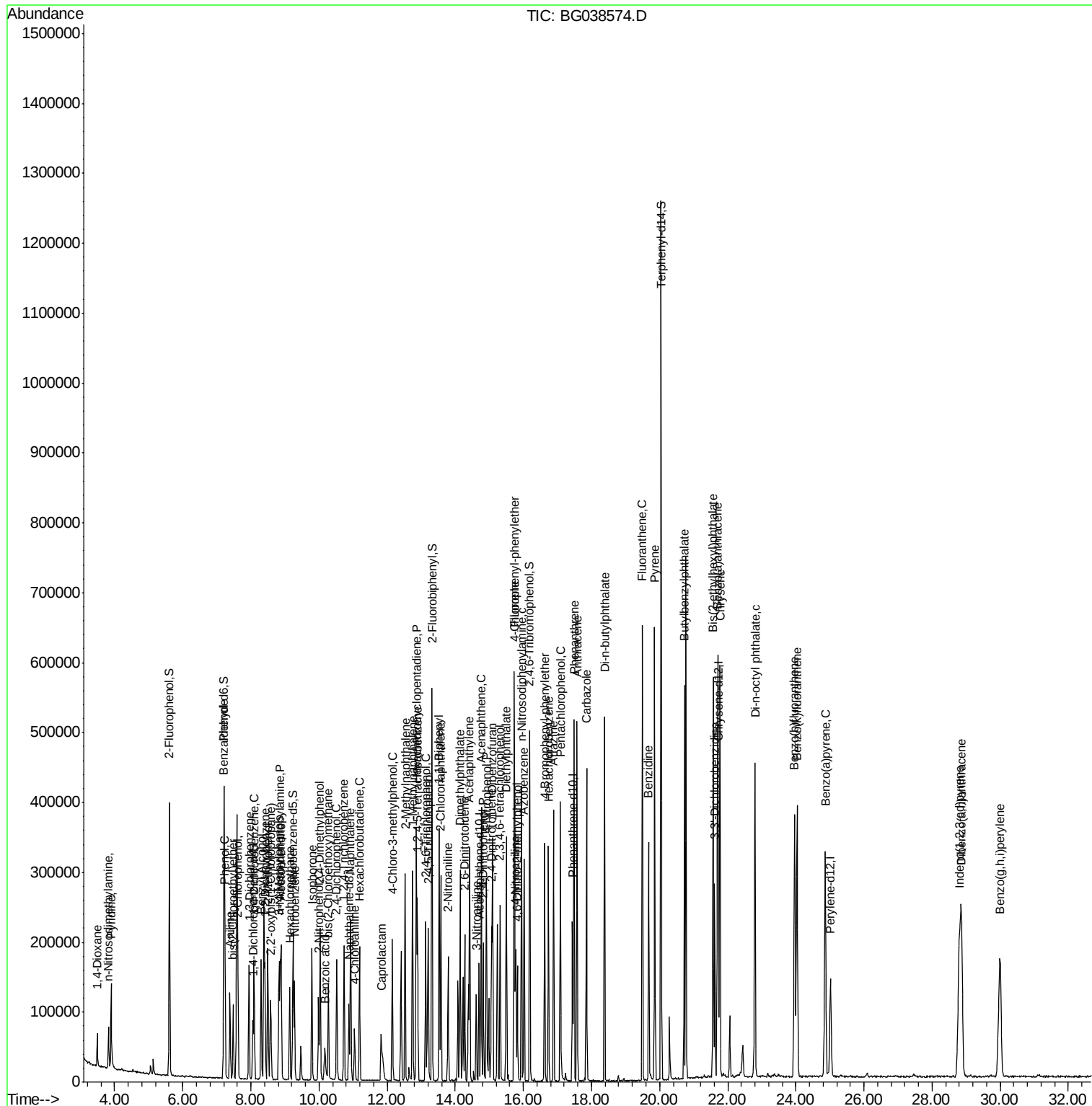
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038574.D
 Acq On : 14 Dec 2018 19:07
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116709	97.962	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	59176	44.382	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	63403	44.913	ng	96
46) 1,1'-Biphenyl	13.53	154	188332	38.725	ng	100
47) 2-Chloronaphthalene	13.58	162	152932	40.709	ng	97
48) 2-Nitroaniline	13.79	65	51980	43.440	ng	98
49) Acenaphthylene	14.42	152	250029	44.520	ng	100
50) Dimethylphthalate	14.15	163	201382	42.508	ng	99
51) 2,6-Dinitrotoluene	14.28	165	44117	41.092	ng	94
52) Acenaphthene	14.76	154	143342	42.684	ng	99
53) 3-Nitroaniline	14.62	138	32361	29.569	ng	91
54) 2,4-Dinitrophenol	14.82	184	49147	77.135	ng	96
55) Dibenzofuran	15.10	168	239081	41.532	ng	98
56) 4-Nitrophenol	14.92	139	73803	88.892	ng	97
57) 2,4-Dinitrotoluene	15.06	165	66004	43.650	ng	98
58) Fluorene	15.74	166	188720	44.250	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	56673	44.621	ng	99
60) Diethylphthalate	15.50	149	209797	40.340	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	106967	40.198	ng	99
62) 4-Nitroaniline	15.78	138	50221	44.573	ng	99
63) Azobenzene	16.02	77	183005	42.122	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40460	38.292	ng	92
66) n-Nitrosodiphenylamine	15.95	169	174731	40.149	ng	96
67) 4-Bromophenyl-phenylether	16.62	248	68758	38.009	ng	95
68) Hexachlorobenzene	16.74	284	73161	39.015	ng	95
69) Atrazine	16.89	200	74117	45.890	ng	97
70) Pentachlorophenol	17.09	266	82744	74.601	ng	98
71) Phenanthrene	17.49	178	337907	43.993	ng	99
72) Anthracene	17.58	178	344989	45.497	ng	98
73) Carbazole	17.85	167	318073	42.414	ng	99
74) Di-n-butylphthalate	18.38	149	383059	44.516	ng	99
75) Fluoranthene	19.49	202	434236	45.692	ng	98
77) Benzidine	19.68	184	225829	48.831	ng	99
78) Pyrene	19.86	202	435332	42.140	ng	99
80) Butylbenzylphthalate	20.73	149	173304	42.939	ng	99
81) Benzo(a)anthracene	21.70	228	416467	43.706	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	105646	27.955	ng	98
83) Chrysene	21.77	228	387785	42.251	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242148	42.302	ng	100
85) Di-n-octyl phthalate	22.80	149	412533	43.032	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	469997	43.557	ng	# 76
88) Benzo(b)fluoranthene	23.96	252	414862	44.612	ng	98
89) Benzo(k)fluoranthene	24.03	252	396732	42.842	ng	97
90) Benzo(a)pyrene	24.86	252	399282	44.506	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	397884	44.542	ng	97
92) Benzo(g,h,i)perylene	29.99	276	387561	44.025	ng	97

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

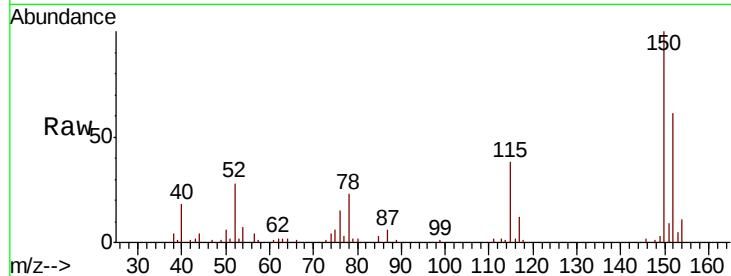




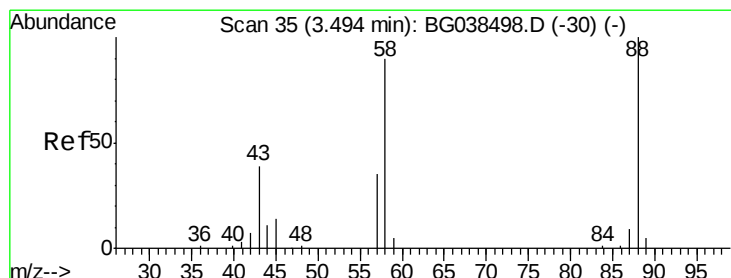
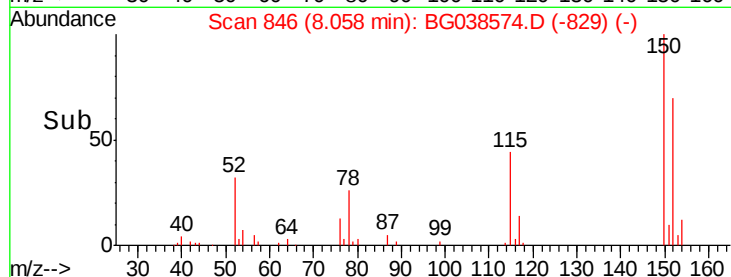
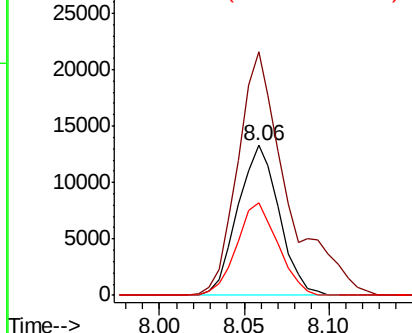
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion: 152 Resp: 22611
 Ion Ratio Lower Upper
 152 100
 150 162.7 119.5 179.3
 115 62.3 49.6 74.4

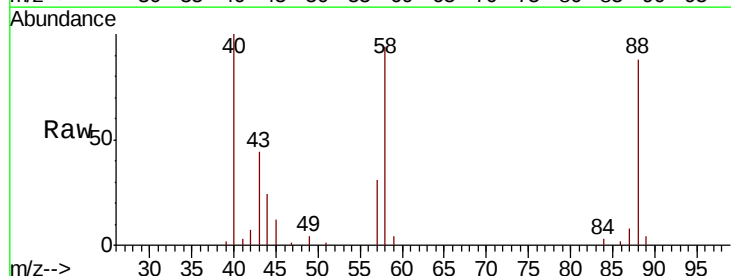


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

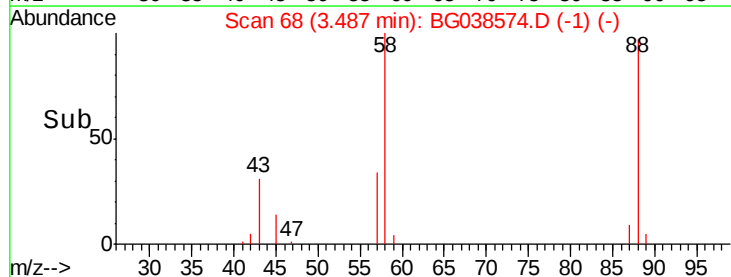
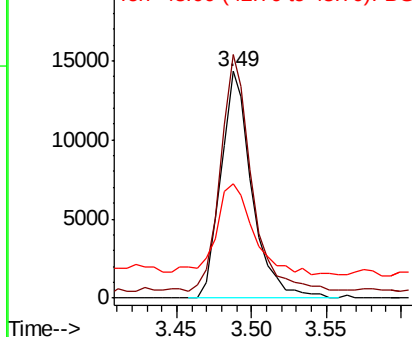


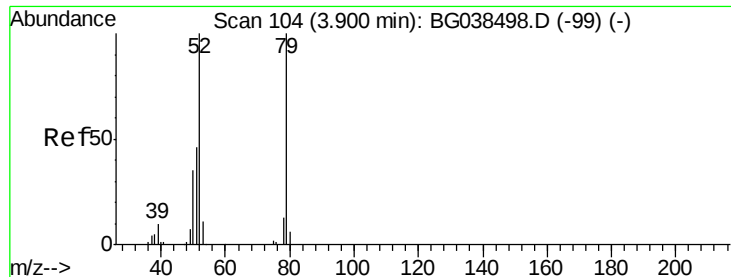
#2
 1,4-Dioxane
 Concen: 35.269 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion: 88 Resp: 20926
 Ion Ratio Lower Upper
 88 100
 58 103.9 75.7 113.5
 43 46.9 31.6 47.4



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





#3

Pyridine

Concen: 35.029 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

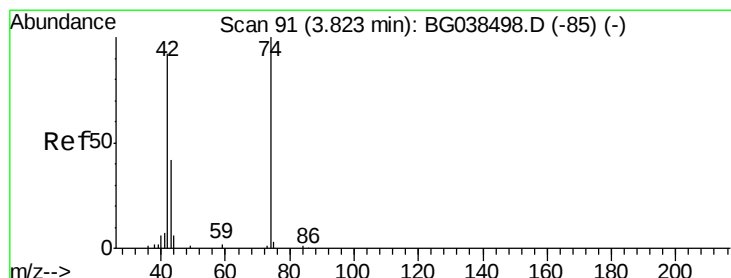
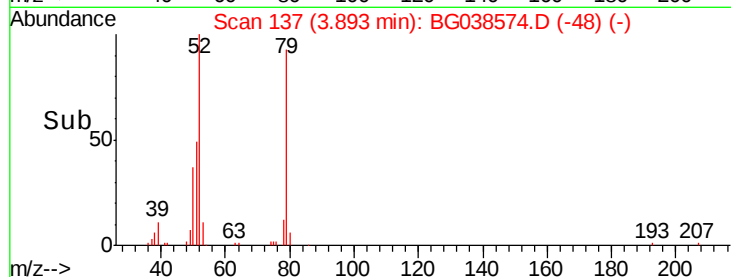
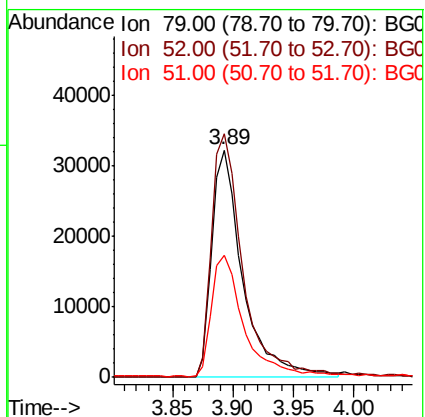
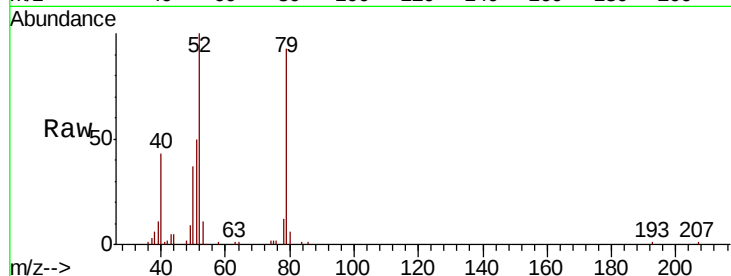
Tgt Ion: 79 Resp: 57221

Ion Ratio Lower Upper

79 100

52 107.1 80.2 120.2

51 53.4 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 46.576 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

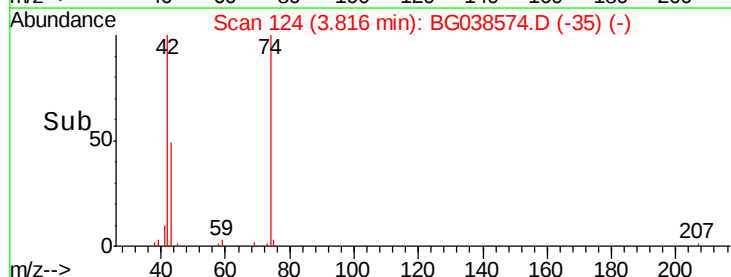
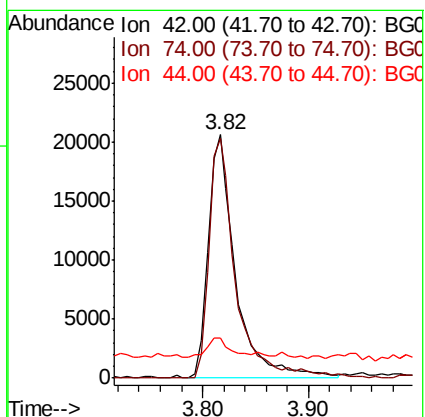
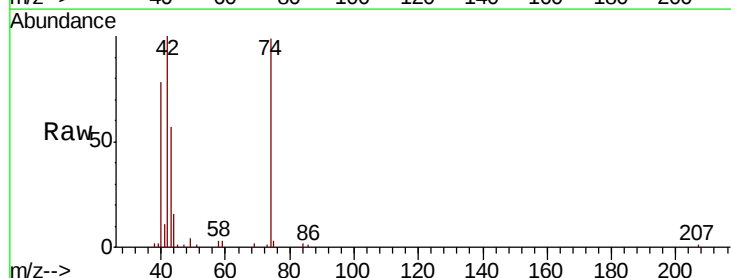
Tgt Ion: 42 Resp: 37280

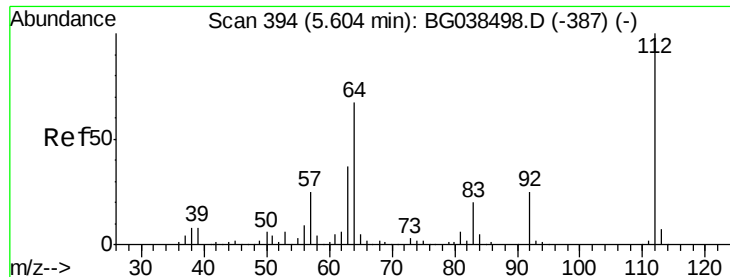
Ion Ratio Lower Upper

42 100

74 98.6 86.7 130.1

44 16.4 7.8 11.8#





#5

2-Fluorophenol

Concen: 127.936 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

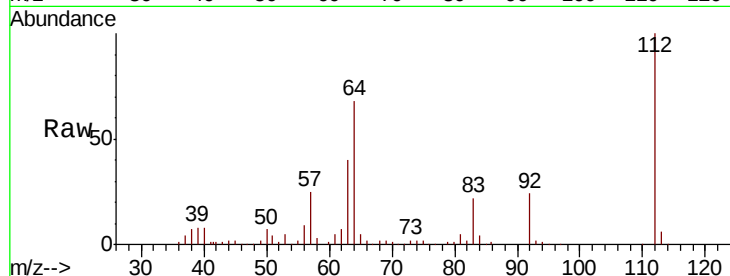
Tgt Ion: 112 Resp: 163096

Ion Ratio Lower Upper

112 100

64 67.9 53.4 80.2

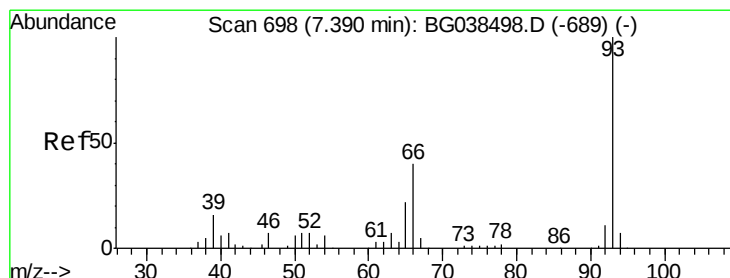
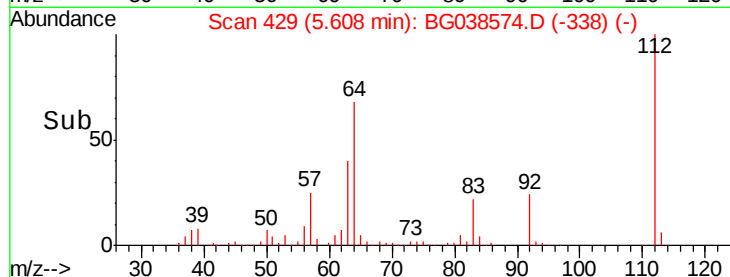
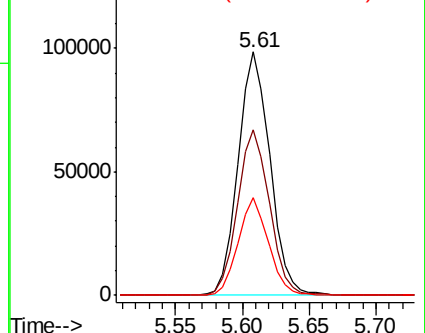
63 40.0 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.336 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

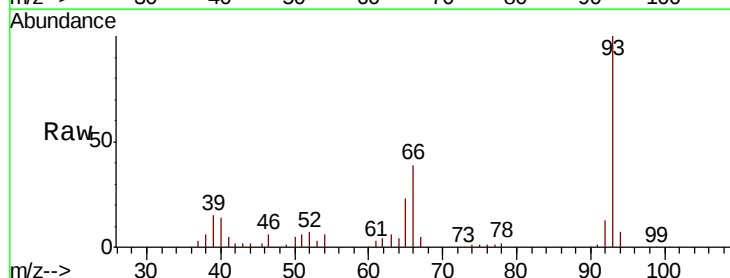
Tgt Ion: 93 Resp: 78944

Ion Ratio Lower Upper

93 100

66 39.4 31.7 47.5

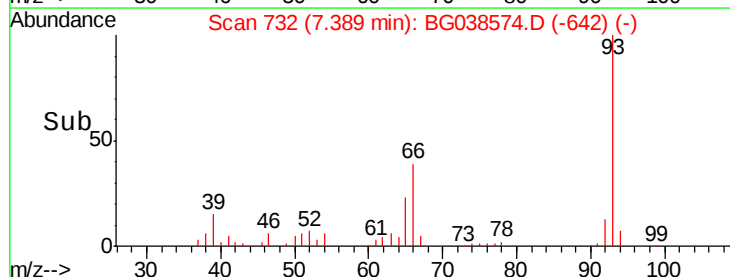
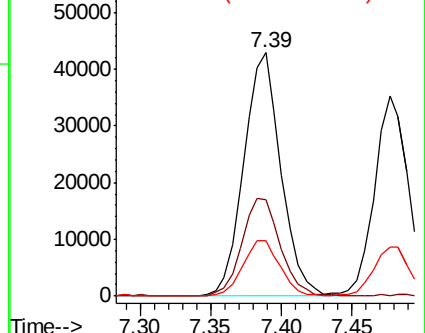
65 22.6 17.8 26.6

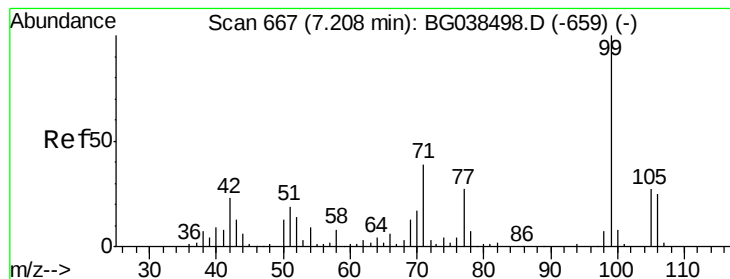


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.339 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

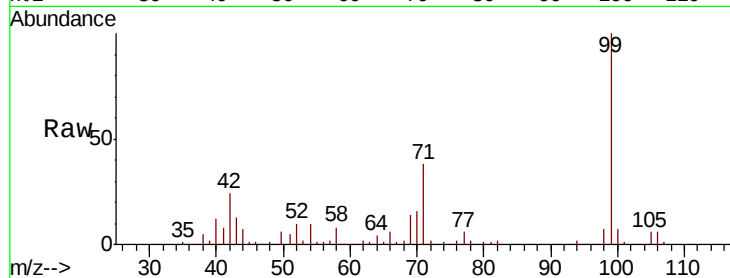
Tgt Ion: 99 Resp: 215854

Ion Ratio Lower Upper

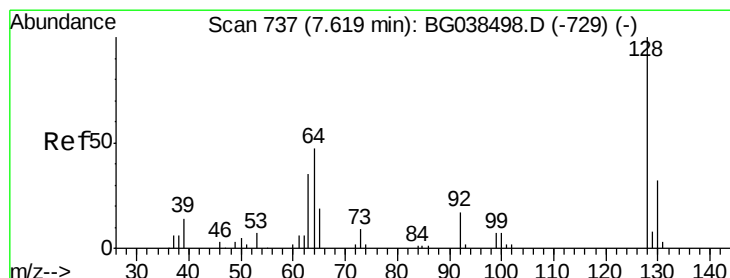
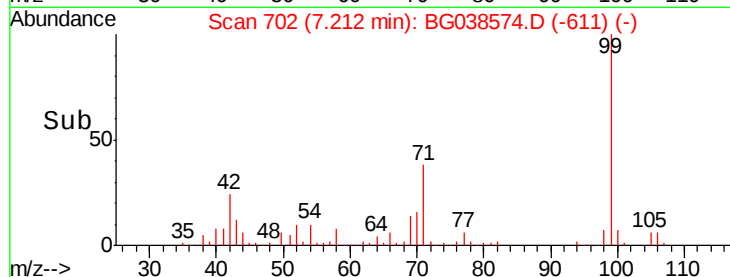
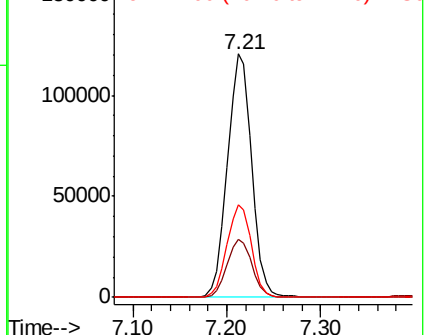
99 100

42 23.7 18.5 27.7

71 38.0 31.1 46.7



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



#8

2-Chlorophenol

Concen: 45.407 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

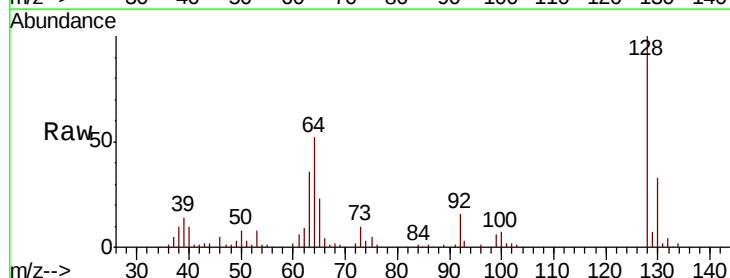
Tgt Ion: 128 Resp: 66988

Ion Ratio Lower Upper

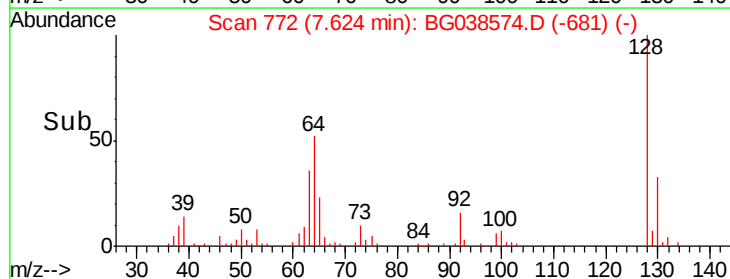
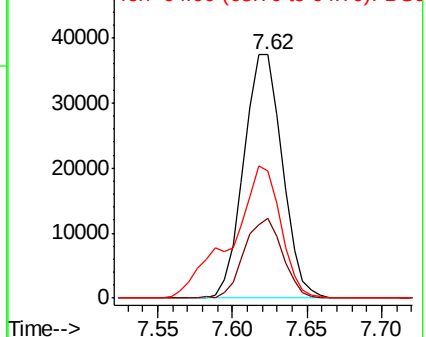
128 100

130 32.6 11.8 51.8

64 52.1 33.2 73.2



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





#9

Benzaldehyde

Concen: 20.335 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

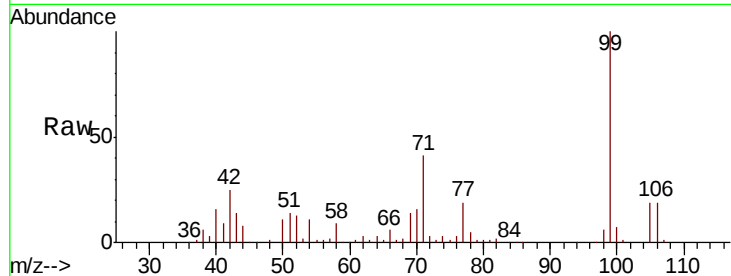
Tgt Ion: 77 Resp: 23086

Ion Ratio Lower Upper

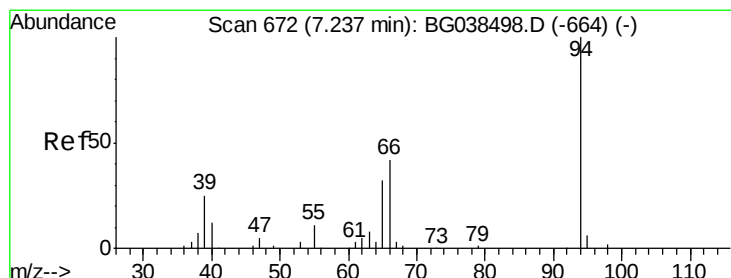
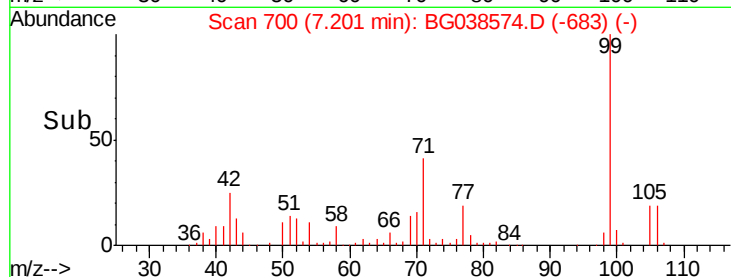
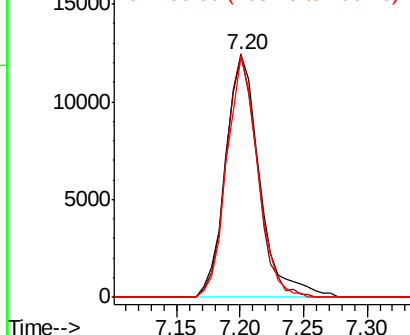
77 100

105 100.4 74.0 114.0

106 99.2 73.9 113.9



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



#10

Phenol

Concen: 45.320 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

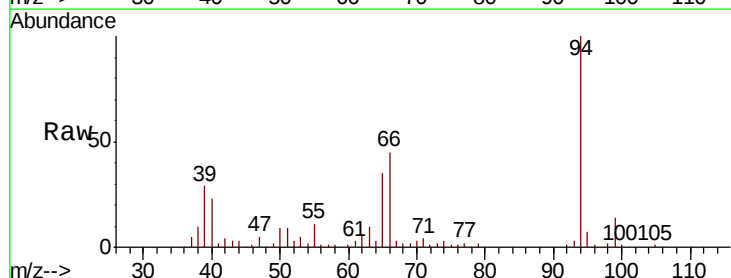
Tgt Ion: 94 Resp: 84264

Ion Ratio Lower Upper

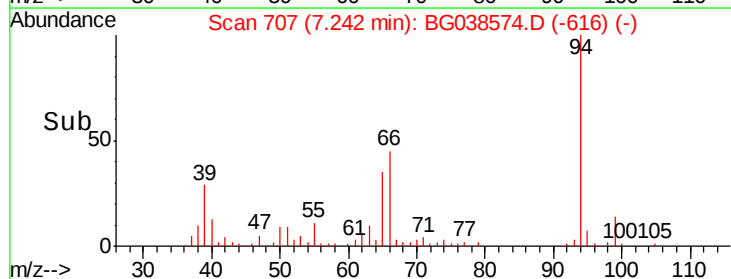
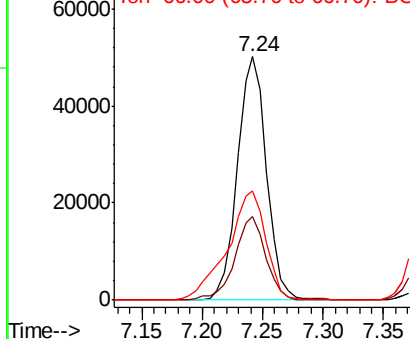
94 100

65 34.6 12.6 52.6

66 45.0 24.1 64.1



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

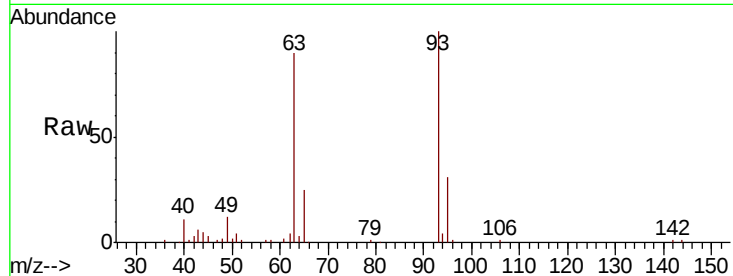




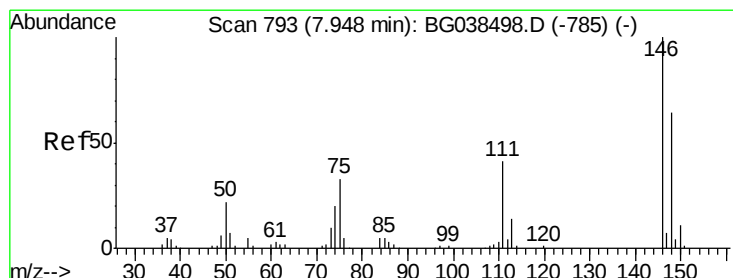
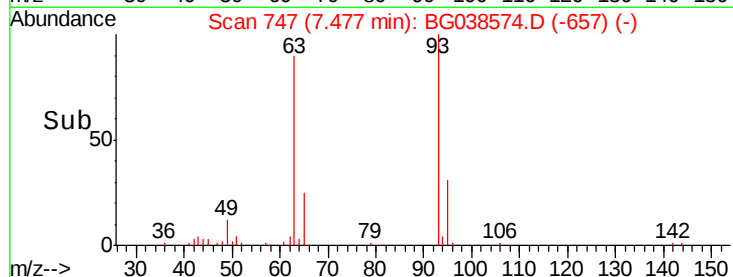
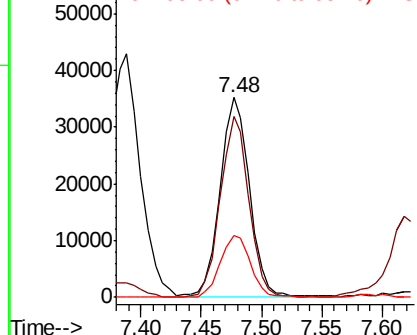
#11
 bis(2-Chloroethyl)ether
 Concen: 40.145 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion: 93 Resp: 59426
 Ion Ratio Lower Upper
 93 100
 63 90.4 72.2 112.2
 95 31.1 11.2 51.2

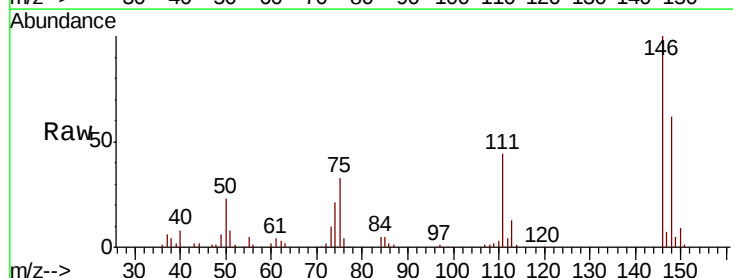


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

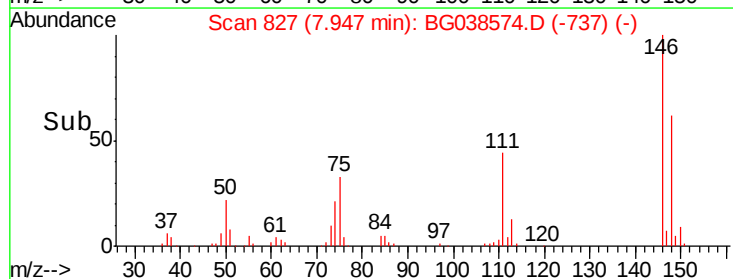
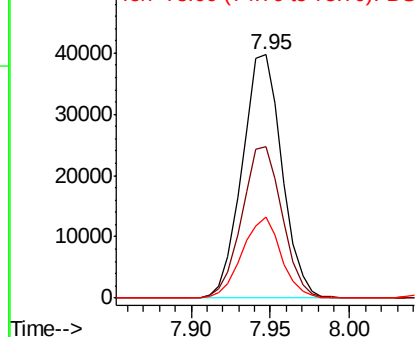


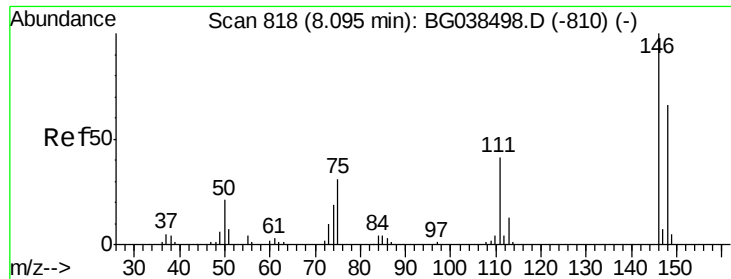
#12
 1,3-Dichlorobenzene
 Concen: 39.708 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion: 146 Resp: 69264
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.4 77.0
 75 33.1 26.1 39.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

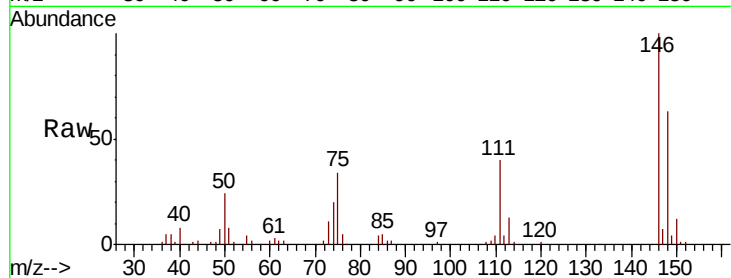




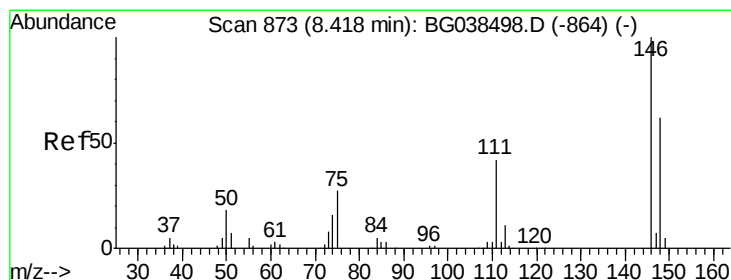
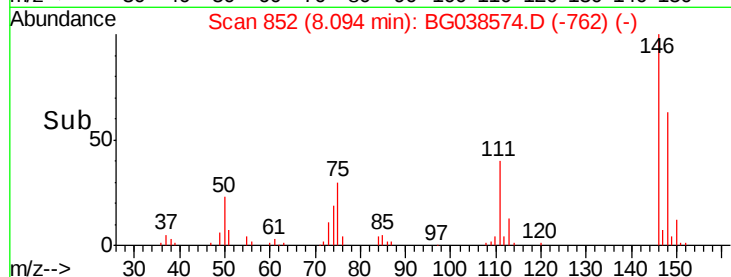
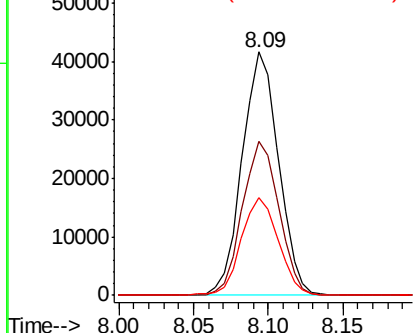
#13
 1,4-Dichlorobenzene
 Concen: 39.334 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion:146 Resp: 70269
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.4 78.6
 111 40.2 33.0 49.4

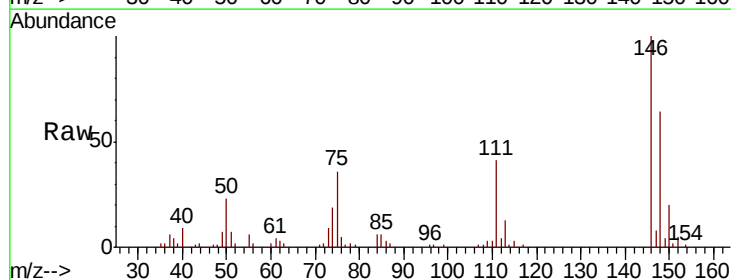


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

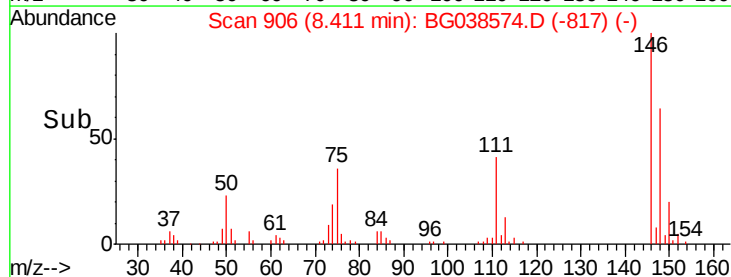
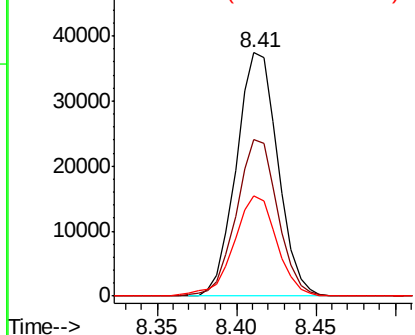


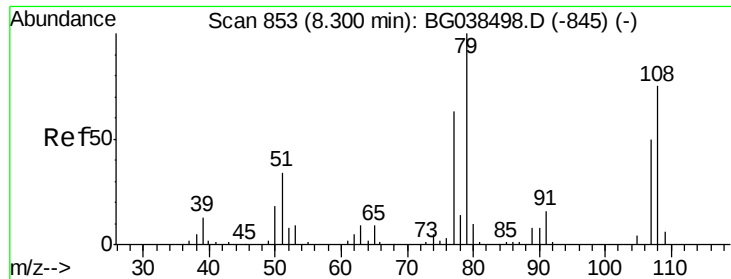
#14
 1,2-Dichlorobenzene
 Concen: 40.307 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion:146 Resp: 67885
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.4 74.0
 111 41.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 44.784 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

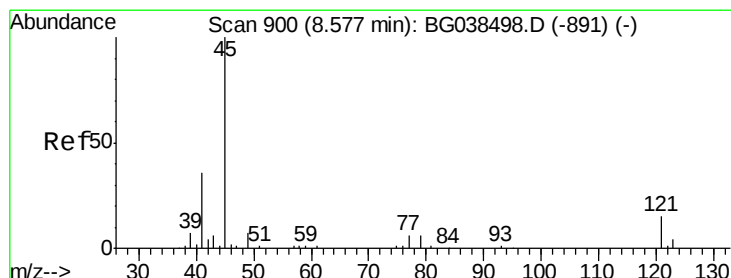
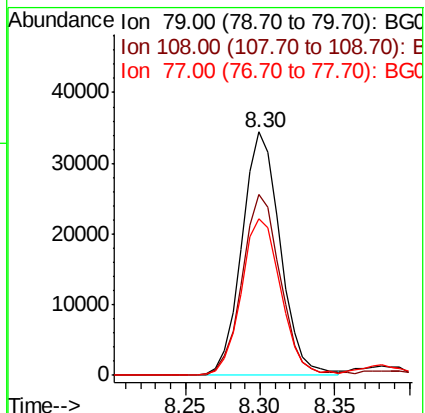
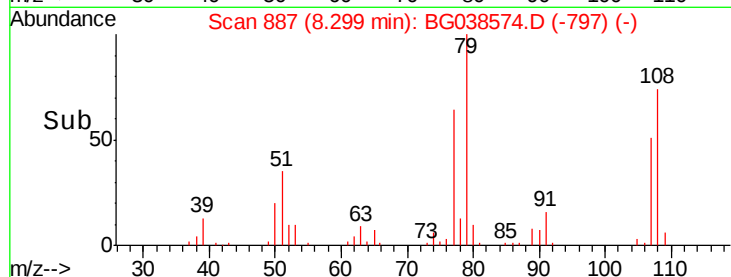
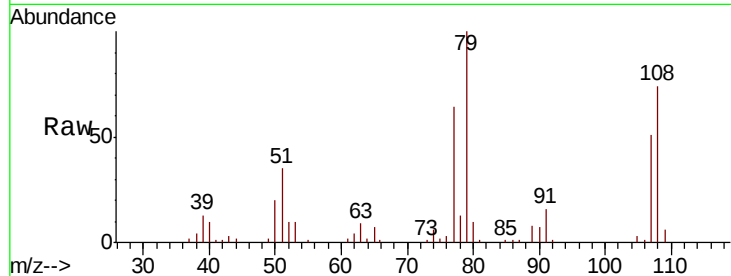
Tgt Ion: 79 Resp: 61176

Ion Ratio Lower Upper

79 100

108 74.3 60.2 90.4

77 64.4 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.288 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

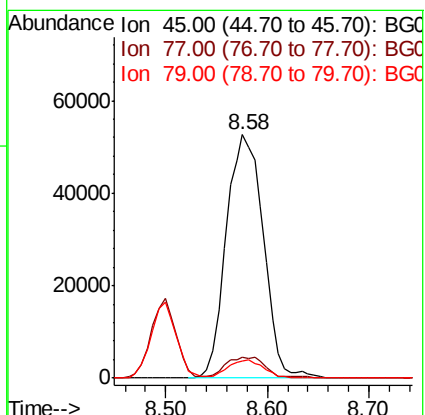
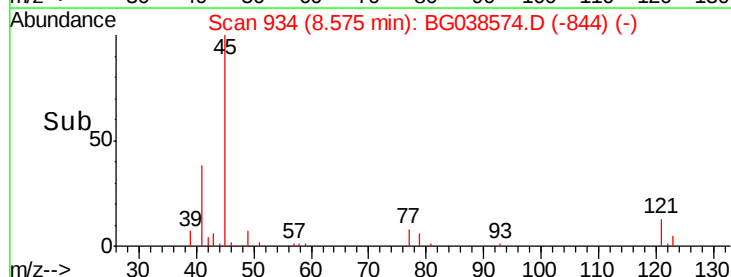
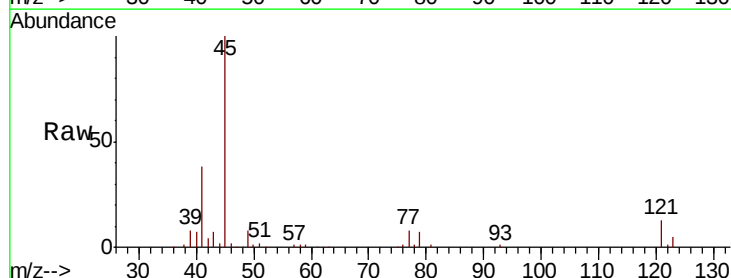
Tgt Ion: 45 Resp: 133224

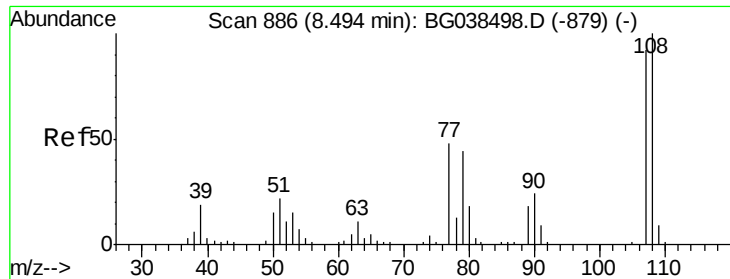
Ion Ratio Lower Upper

45 100

77 8.4 0.0 28.2

79 7.0 0.0 27.2

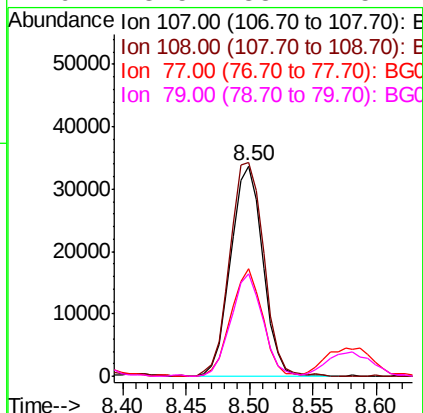
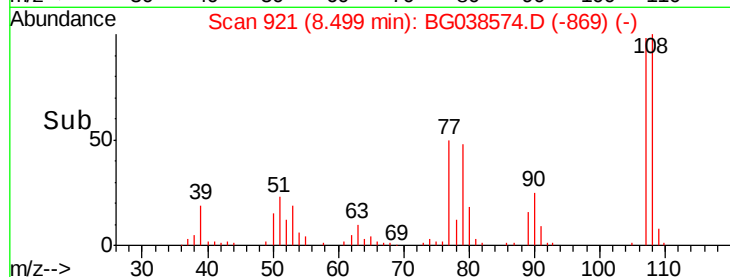
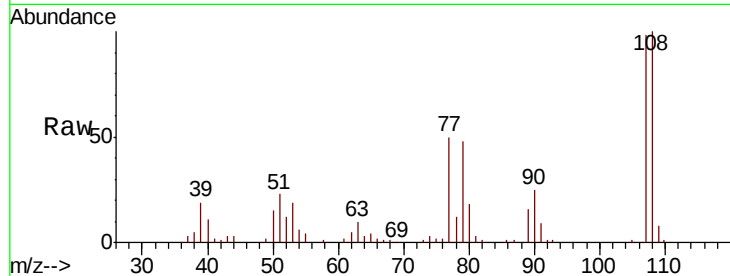




#17
2-Methylphenol
Concen: 47.432 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

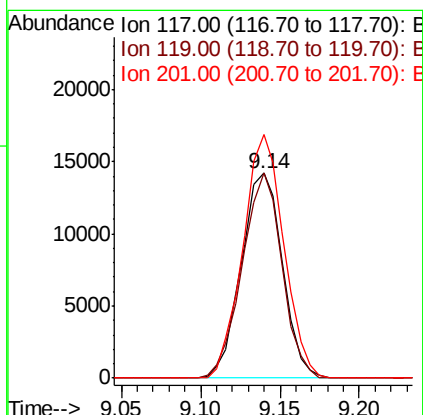
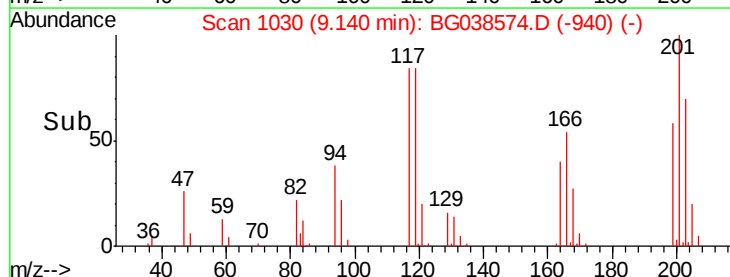
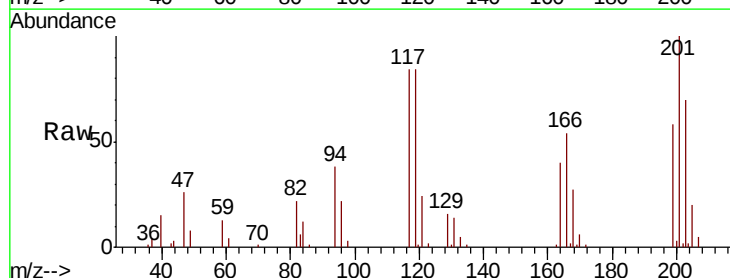
Instrument :
BNA_G
ClientSampleId :
PB115331BS

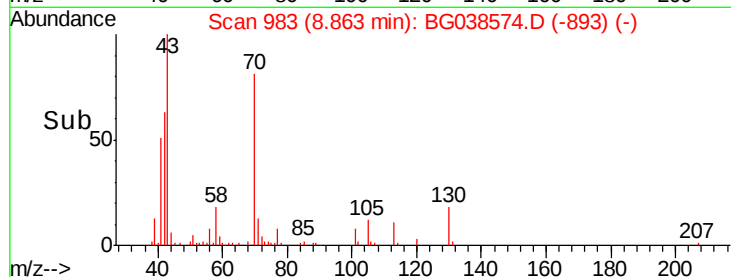
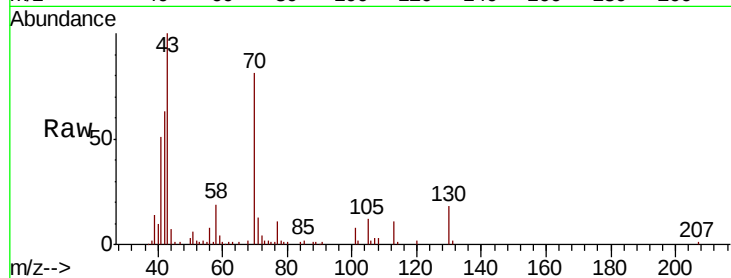
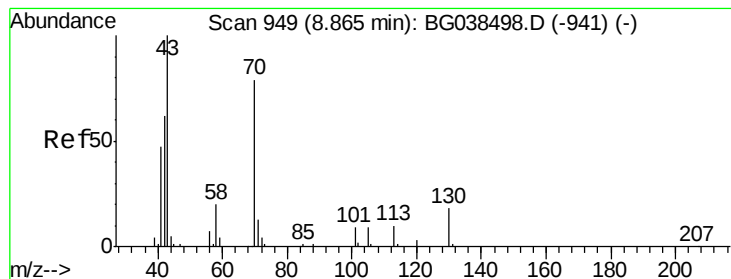
Tgt Ion:	107	Resp:	59086
Ion	Ratio	Lower	Upper
107	100		
108	101.6	87.1	130.7
77	51.2	42.0	63.0
79	48.5	38.2	57.2



#18
Hexachloroethane
Concen: 39.329 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:	117	Resp:	25674
Ion	Ratio	Lower	Upper
117	100		
119	99.8	73.8	110.8
201	118.7	89.4	134.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.755 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

Tgt Ion: 70 Resp: 48865

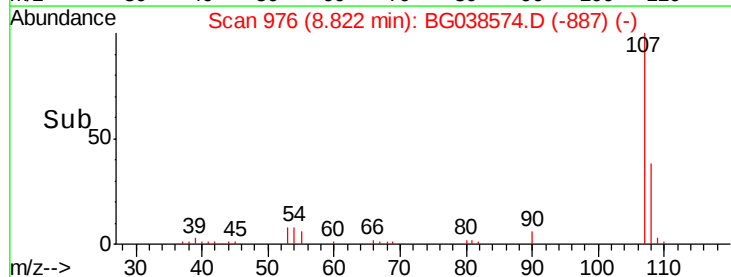
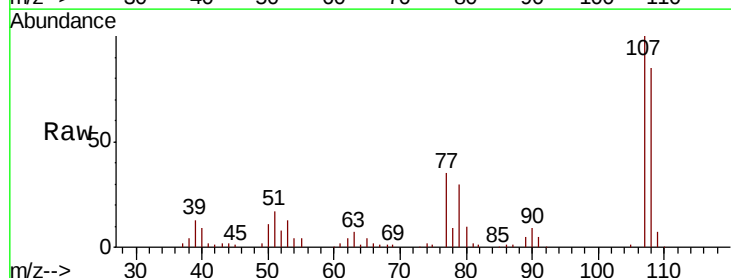
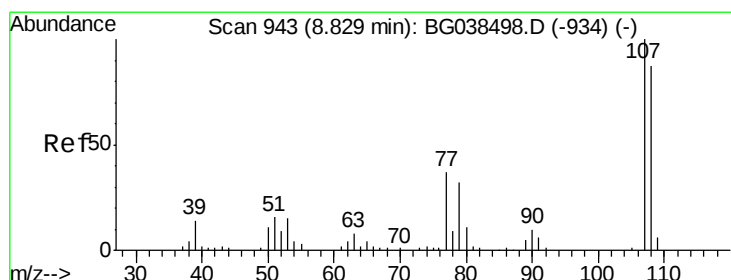
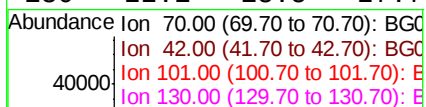
Ion Ratio Lower Upper

70 100

42 77.9 63.6 95.4

101 10.3 9.2 13.8

130 22.1 18.5 27.7



#20

3+4-Methylphenols

Concen: 45.364 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Tgt Ion: 107 Resp: 78043

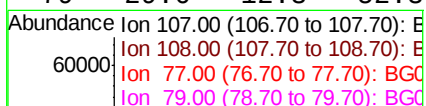
Ion Ratio Lower Upper

107 100

108 85.5 66.7 106.7

77 34.6 17.3 57.3

79 29.6 12.3 52.3

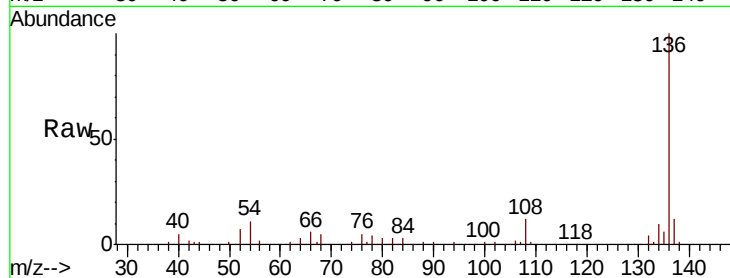




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
PB115331BS

Tgt Ion:	136	Resp:	92635
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	11.0	8.5	12.7
68	4.6	3.5	5.3



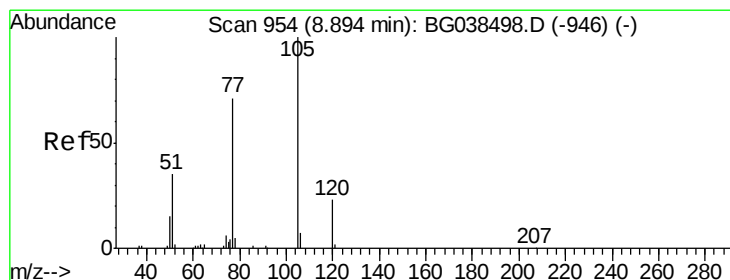
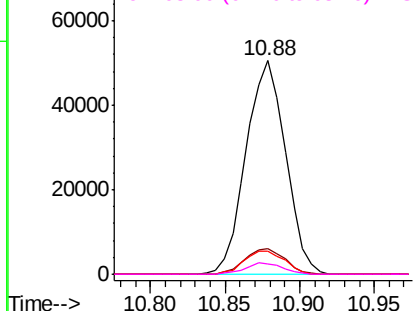
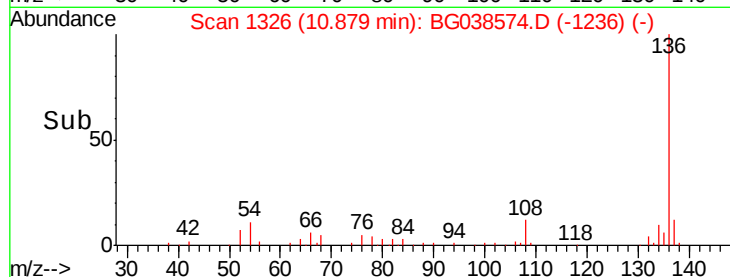
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

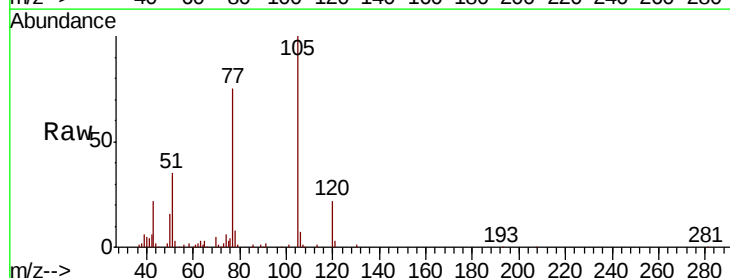
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.444 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:	105	Resp:	95894
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.4	0.6#
51	35.1	30.6	46.0
120	22.4	18.6	28.0



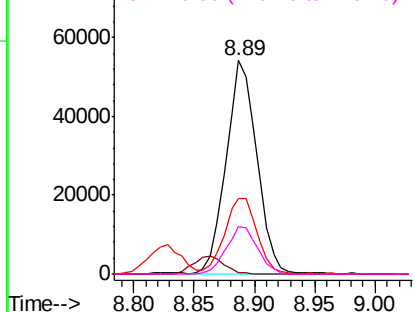
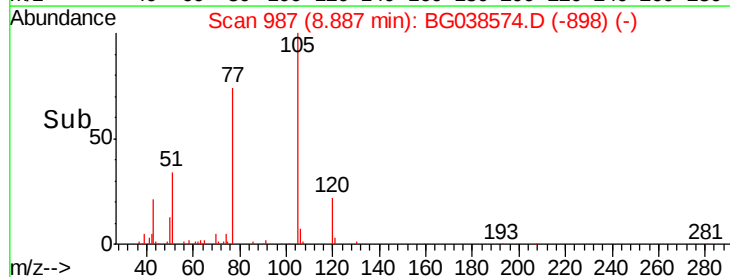
Abundance

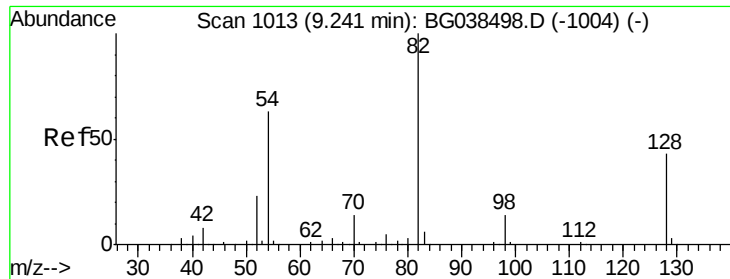
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

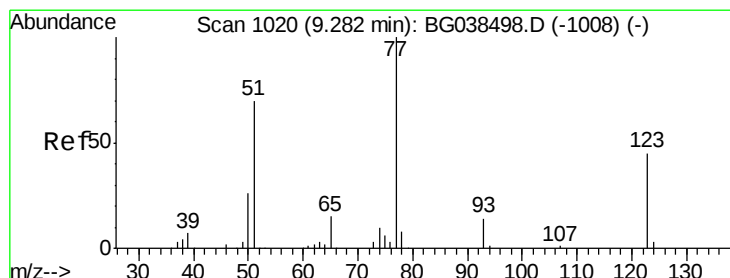
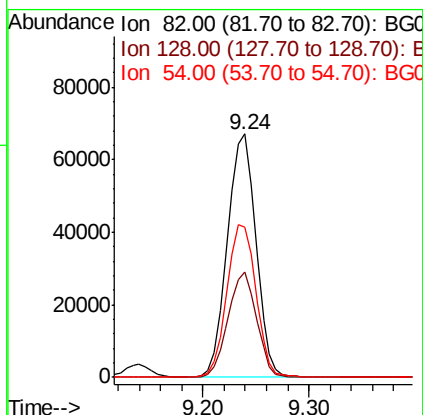
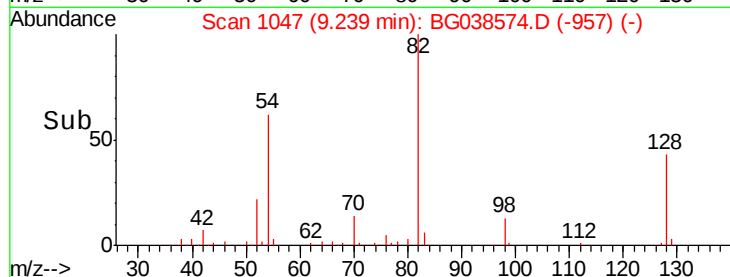
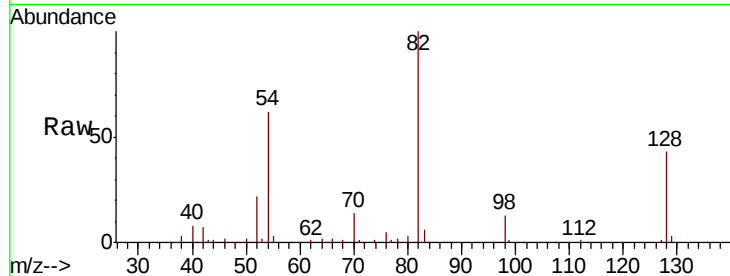




#23
Nitrobenzene-d5
Concen: 69.448 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

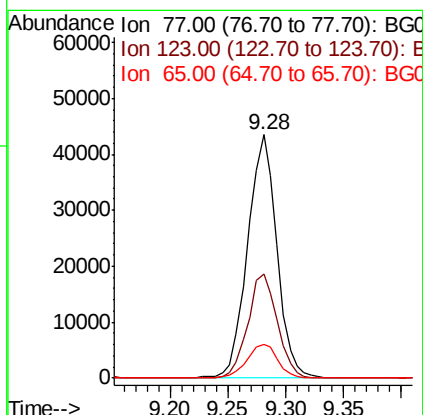
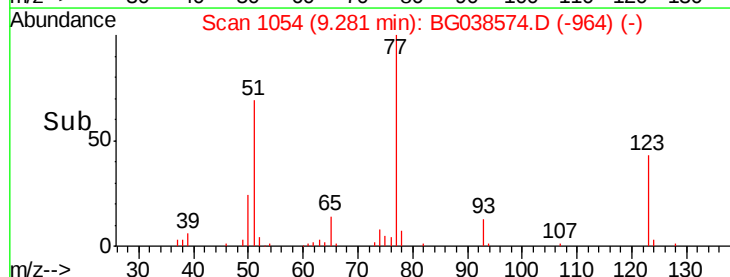
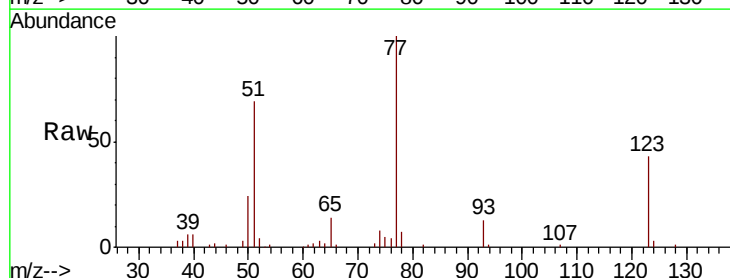
Instrument :
BNA_G
ClientSampleId :
PB115331BS

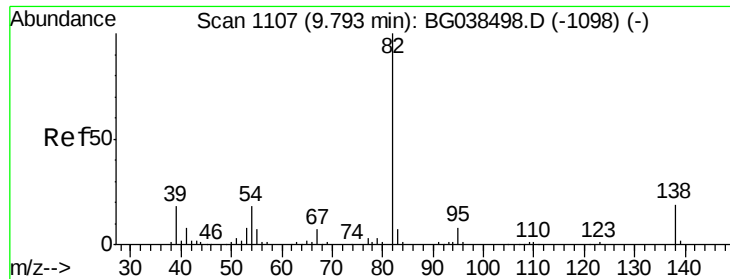
Tgt Ion: 82 Resp: 125928
Ion Ratio Lower Upper
82 100
128 43.3 34.6 52.0
54 61.6 50.6 76.0



#24
Nitrobenzene
Concen: 41.902 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion: 77 Resp: 76864
Ion Ratio Lower Upper
77 100
123 42.6 35.9 53.9
65 14.1 12.0 18.0

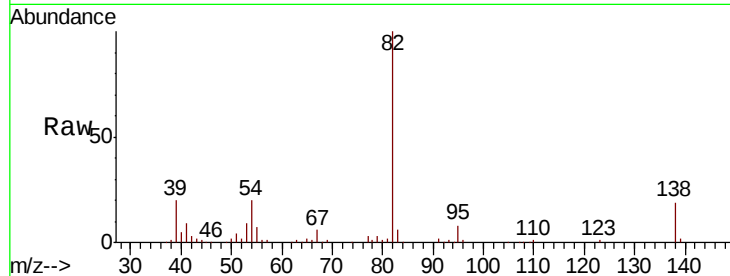




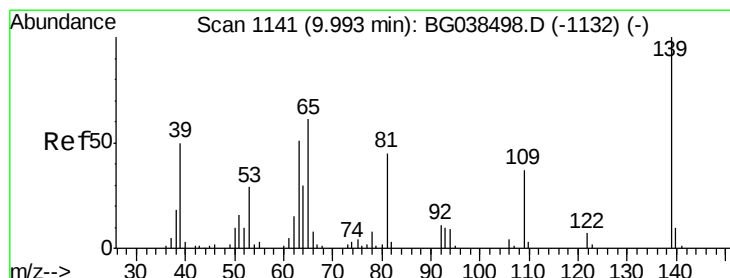
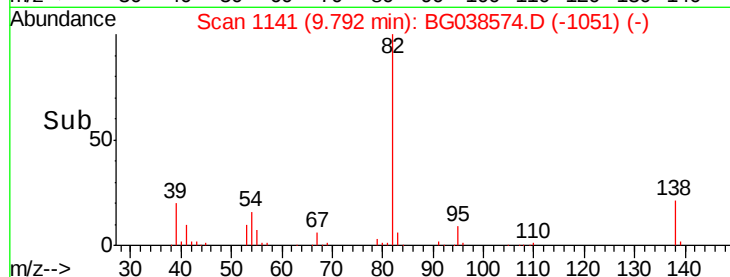
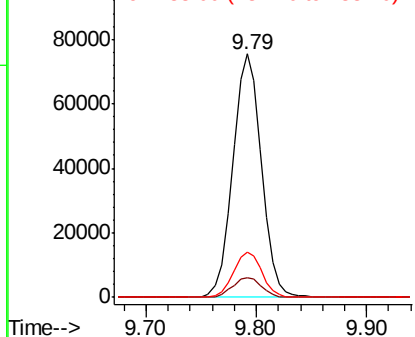
#25
Isophorone
Concen: 41.876 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
PB115331BS

Tgt Ion: 82 Resp: 136428
Ion Ratio Lower Upper
82 100
95 8.0 6.1 9.1
138 18.7 14.9 22.3

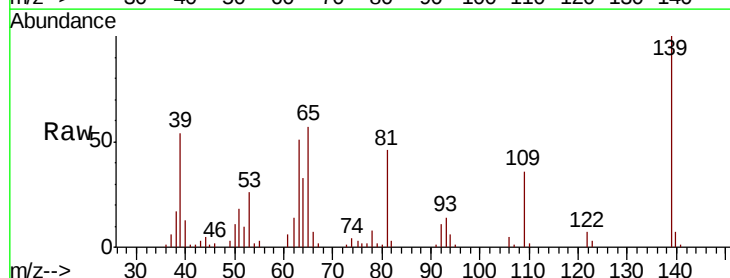


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

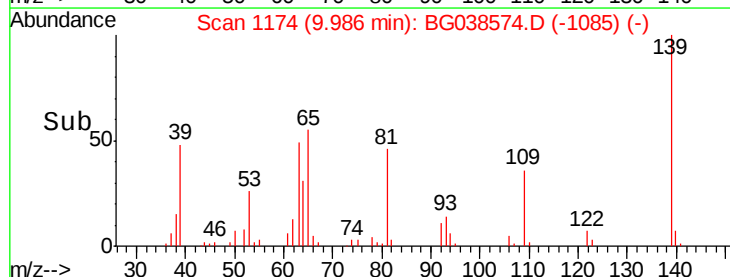
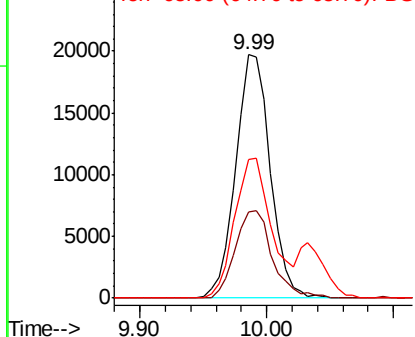


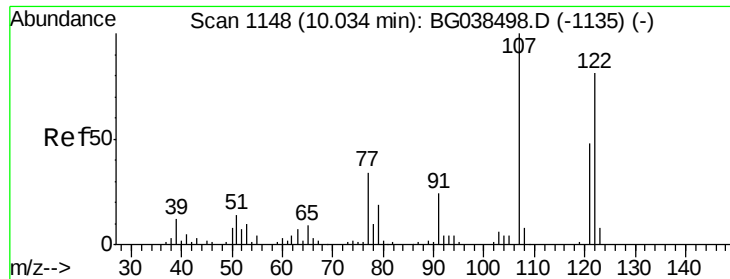
#26
2-Nitrophenol
Concen: 39.619 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion: 139 Resp: 37197
Ion Ratio Lower Upper
139 100
109 35.6 29.5 44.3
65 57.1 48.5 72.7



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

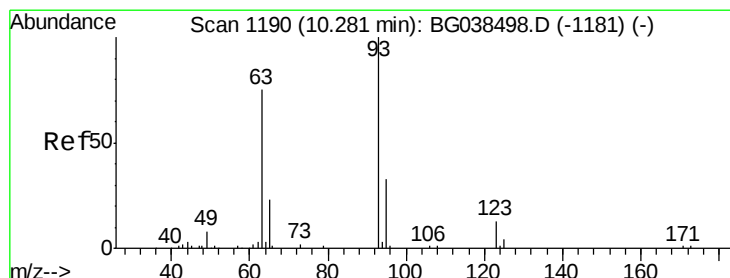
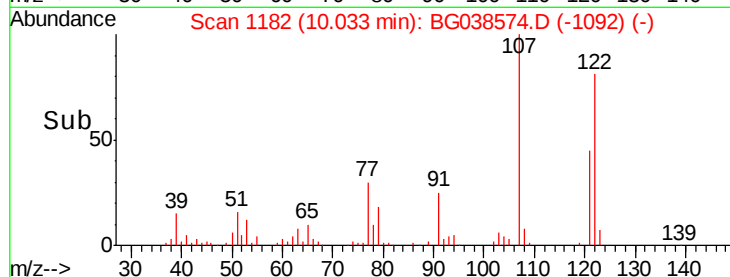
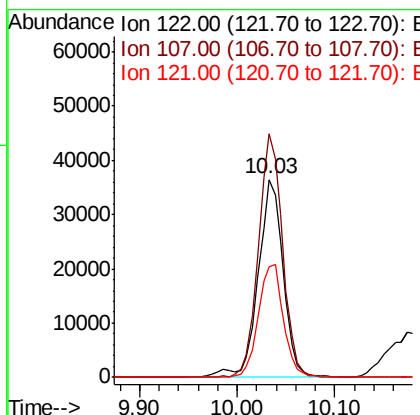
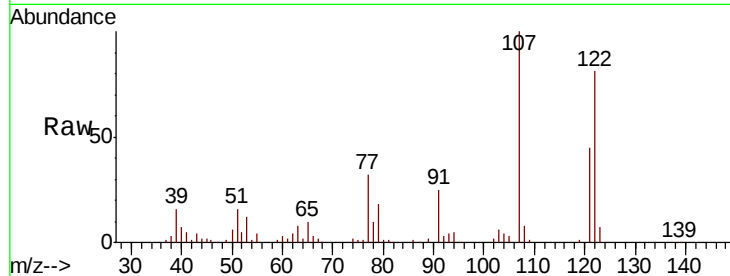




#27
 2,4-Dimethylphenol
 Concen: 48.661 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

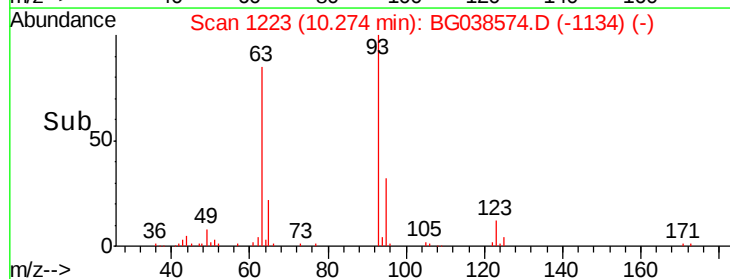
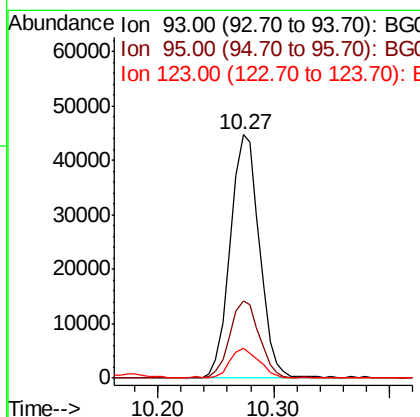
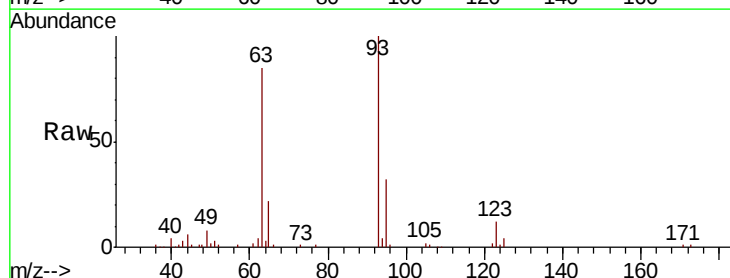
Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

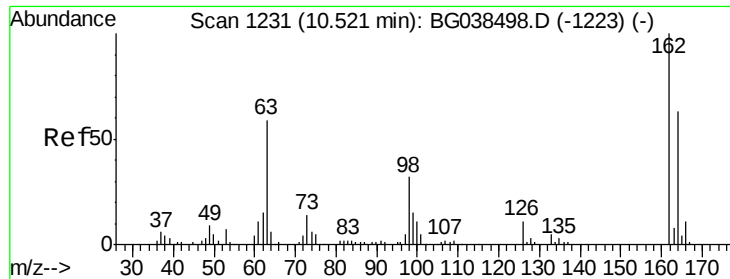
Tgt Ion:122 Resp: 65476
 Ion Ratio Lower Upper
 122 100
 107 123.1 98.4 147.6
 121 55.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.619 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion: 93 Resp: 78358
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.6 40.0
 123 12.1 10.6 16.0

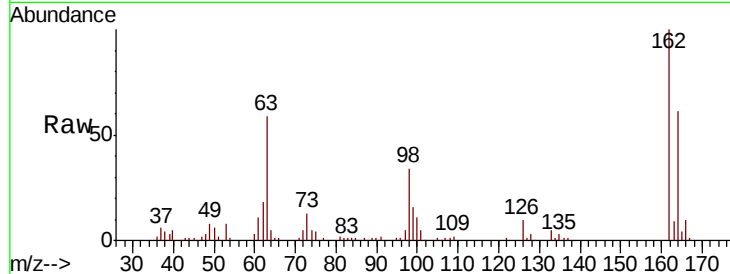




#29
 2,4-Dichlorophenol
 Concen: 46.374 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.7	42.9	82.9
98	34.1	12.1	52.1

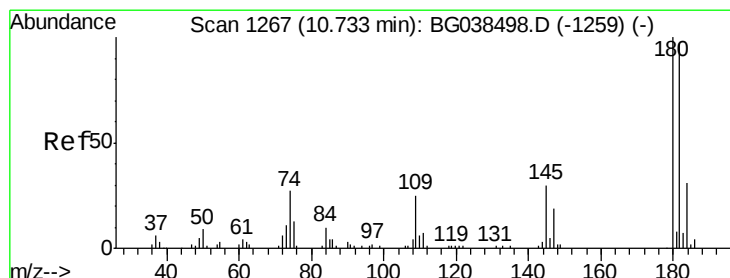
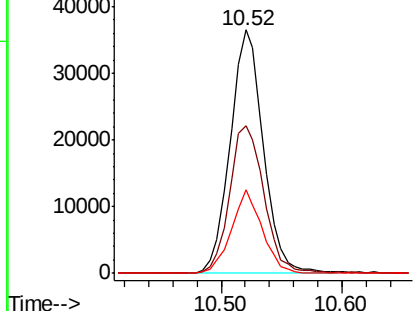
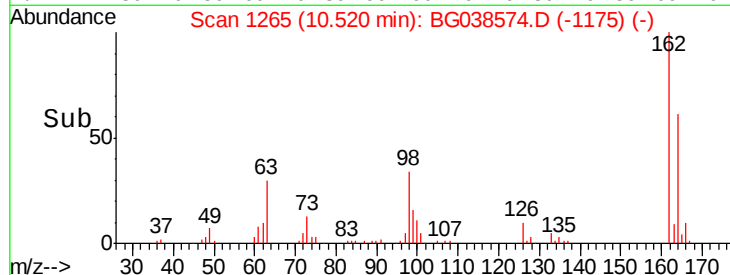


Abundance

Ion 162.00 (161.70 to 162.70): E

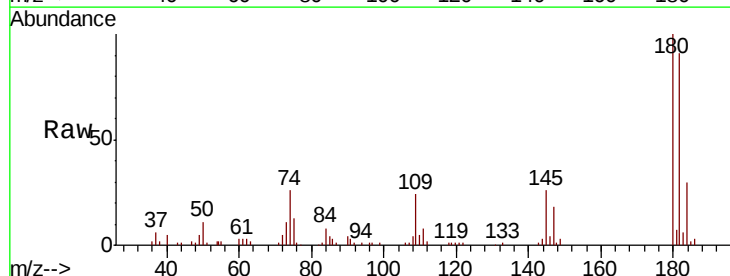
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.179 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	77.4	116.0
145	26.4	24.1	36.1

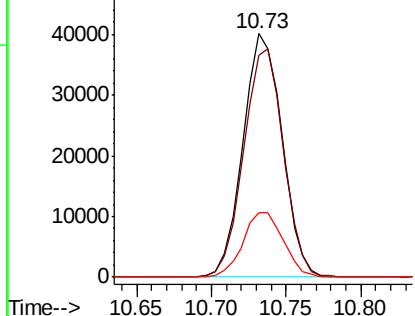
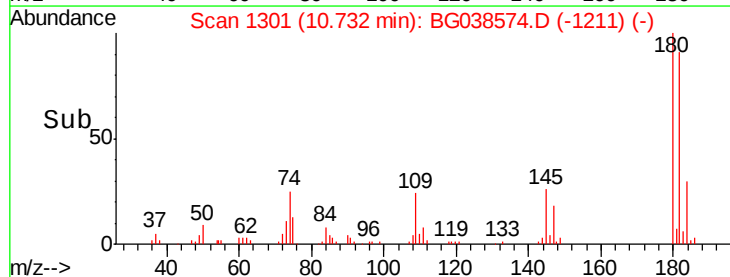


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

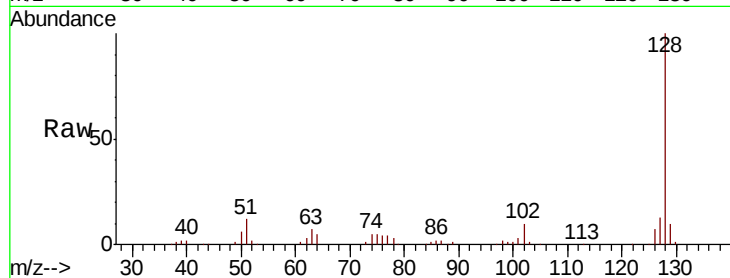




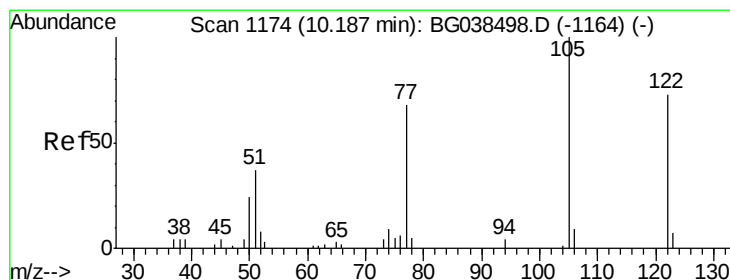
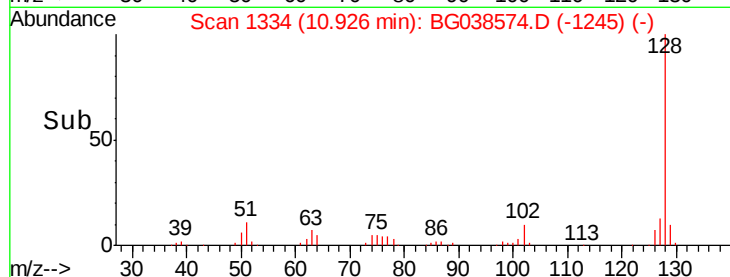
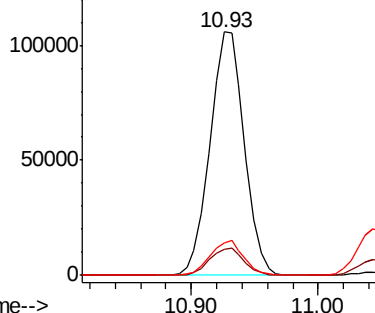
#31
Naphthalene
Concen: 43.374 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
PB115331BS

Tgt Ion:128 Resp: 197970
Ion Ratio Lower Upper
128 100
129 10.5 9.5 14.3
127 13.4 10.9 16.3

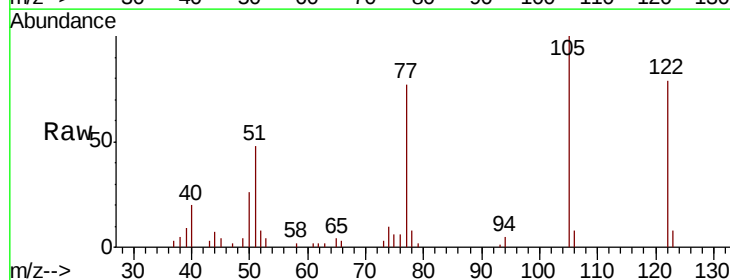


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

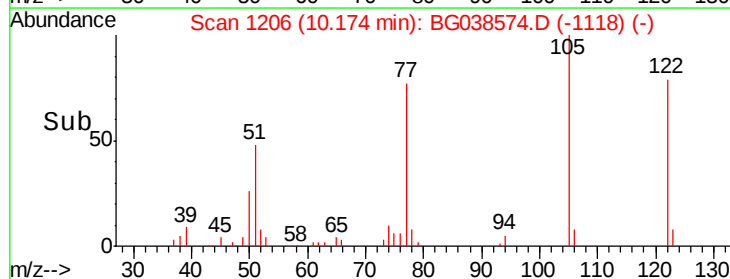
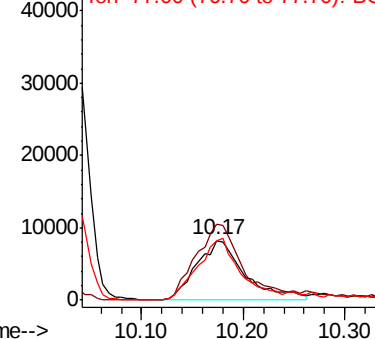


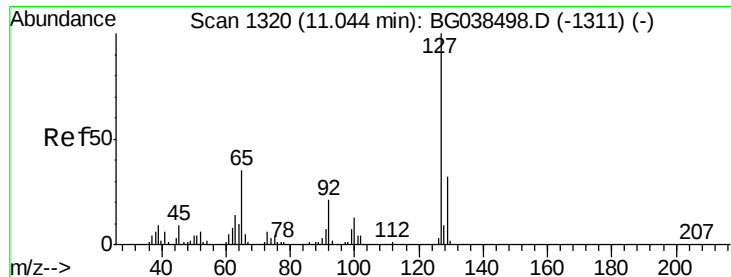
#32
Benzoic acid
Concen: 35.450 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:122 Resp: 27416
Ion Ratio Lower Upper
122 100
105 127.3 116.7 156.7
77 98.5 72.5 112.5



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

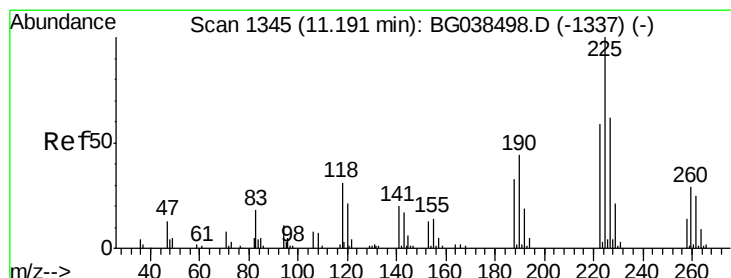
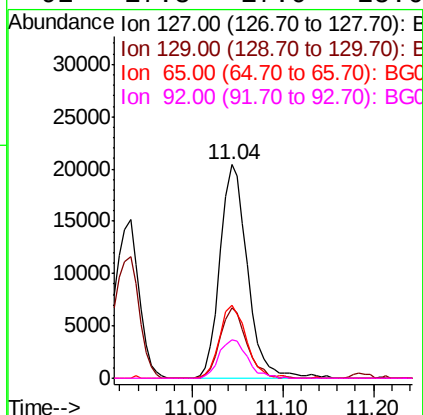
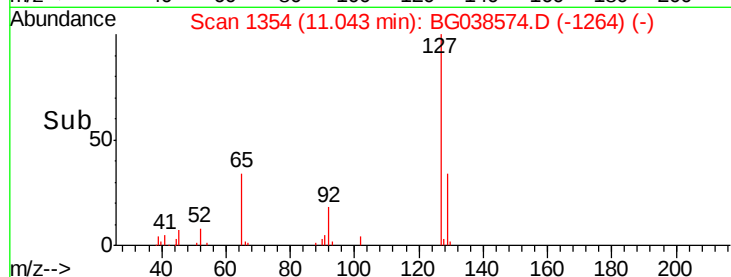
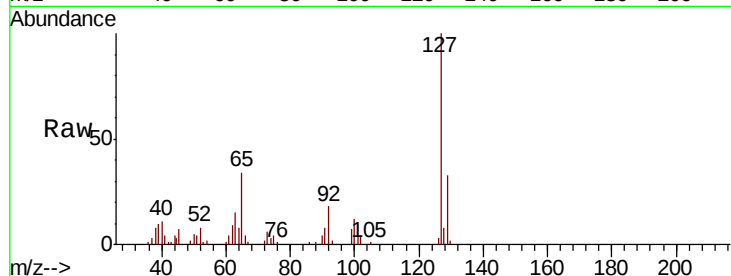




#33
4-Chloroaniline
Concen: 21.781 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

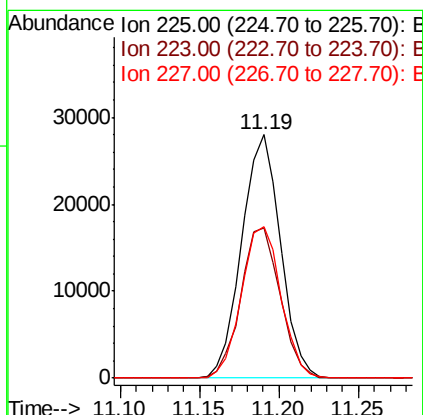
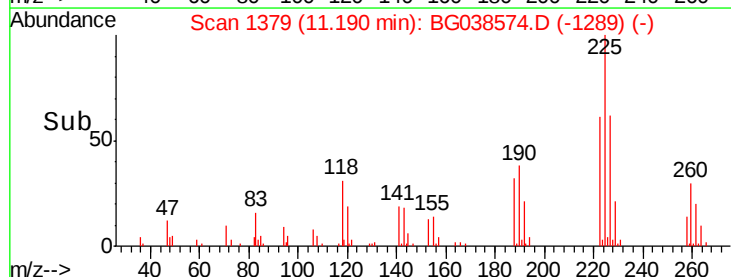
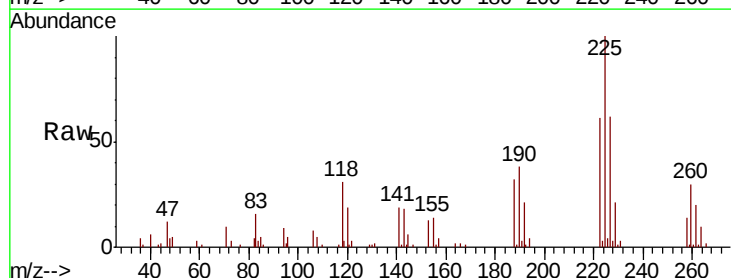
Instrument :
BNA_G
ClientSampleId :
PB115331BS

Tgt Ion:	127	Resp:	43160
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.8
65	34.2	27.8	41.6
92	17.8	17.0	25.6



#34
Hexachlorobutadiene
Concen: 38.936 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:	225	Resp:	47636
Ion	Ratio	Lower	Upper
225	100		
223	61.9	45.0	67.6
227	62.5	50.6	75.8

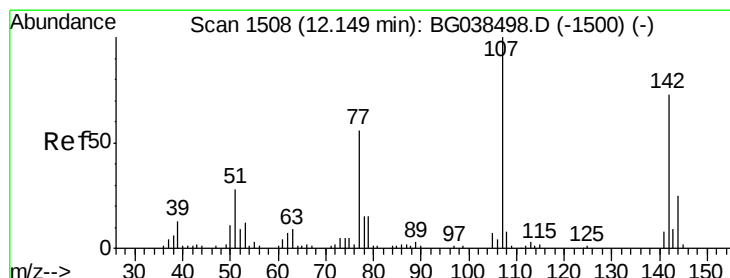
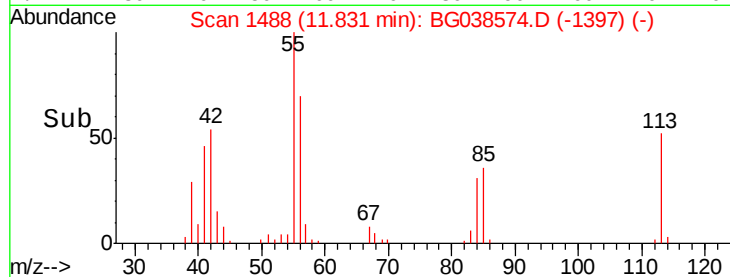
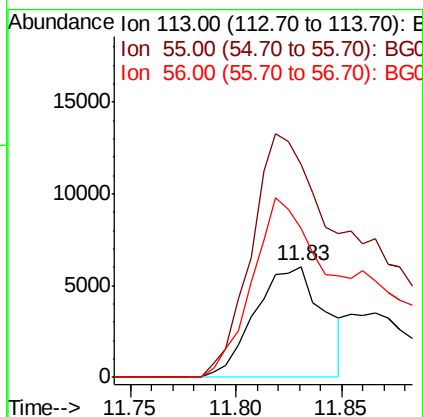
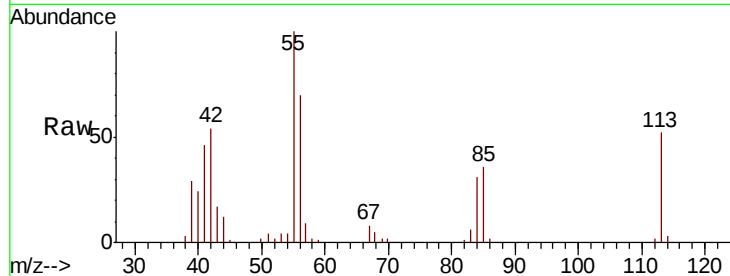




#35
 Caprolactam
 Concen: 21.876 ng
 RT: 11.83 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

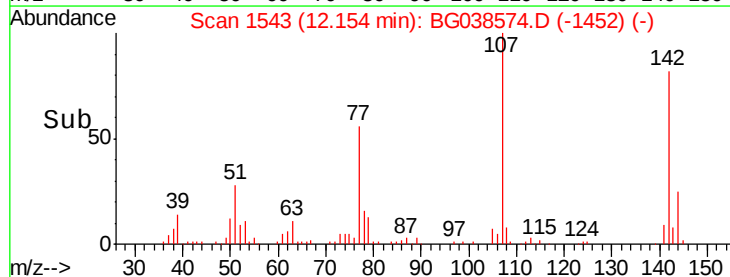
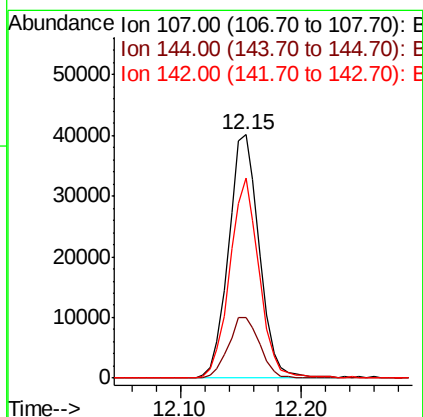
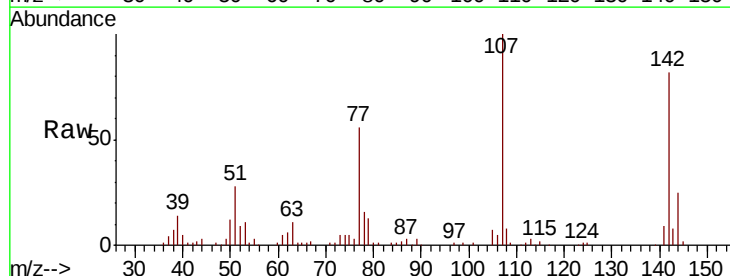
Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

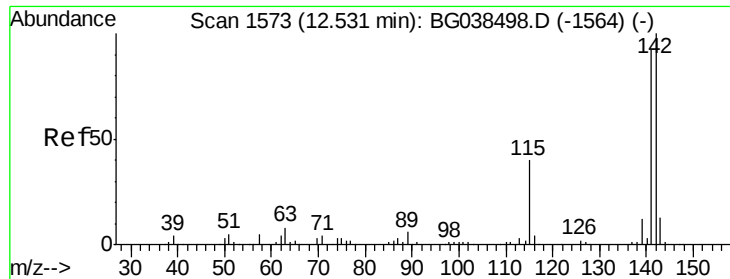
Tgt Ion:113 Resp: 13552
 Ion Ratio Lower Upper
 113 100
 55 192.1 204.3 244.3#
 56 134.0 135.0 175.0#



#36
 4-Chloro-3-methylphenol
 Concen: 41.635 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion:107 Resp: 71122
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.1 30.1
 142 82.2 58.7 88.1

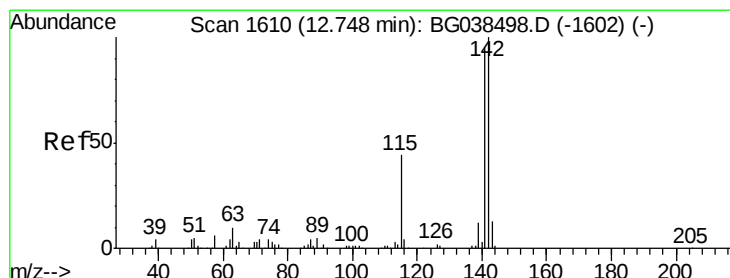
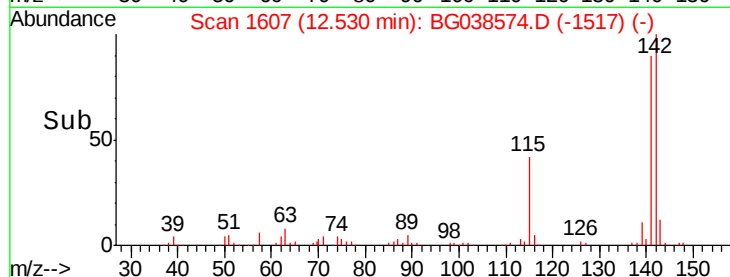
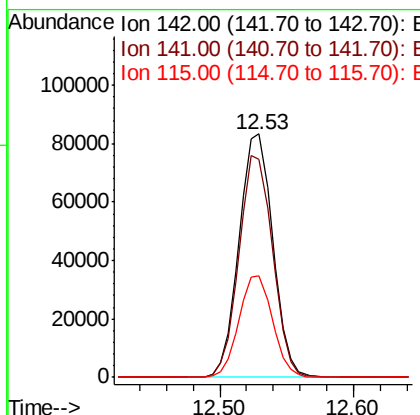
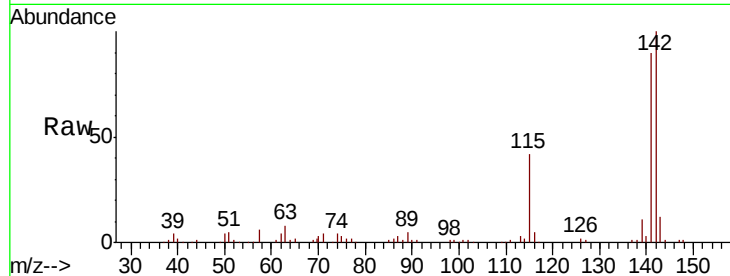




#37
2-Methylnaphthalene
Concen: 44.755 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

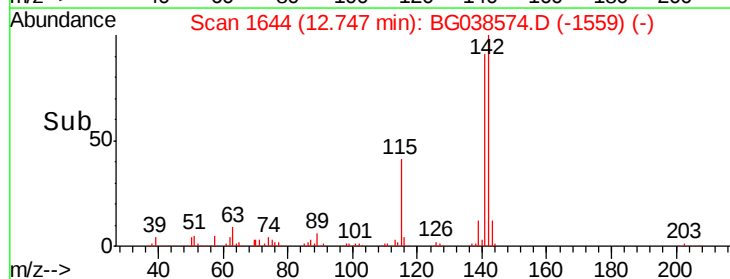
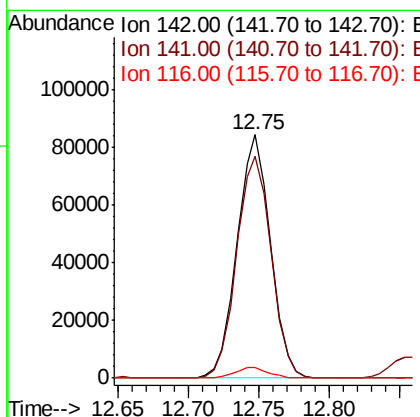
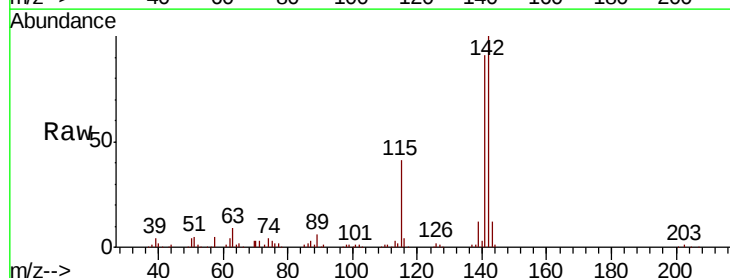
Instrument :
BNA_G
ClientSampleId :
PB115331BS

Tgt Ion:142 Resp: 145730
Ion Ratio Lower Upper
142 100
141 89.6 73.5 110.3
115 41.7 31.7 47.5



#38
1-Methylnaphthalene
Concen: 43.917 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:142 Resp: 138766
Ion Ratio Lower Upper
142 100
141 91.1 75.8 113.8
116 4.1 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

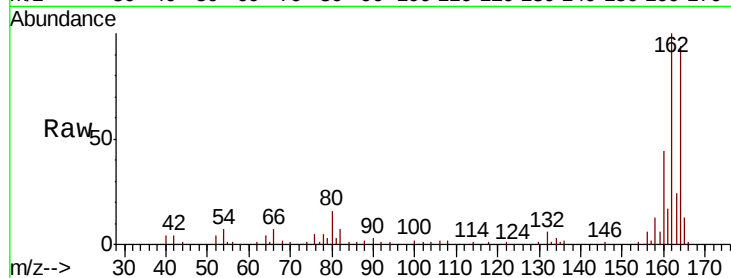
Tgt Ion:164 Resp: 58013

Ion Ratio Lower Upper

164 100

162 106.4 86.6 130.0

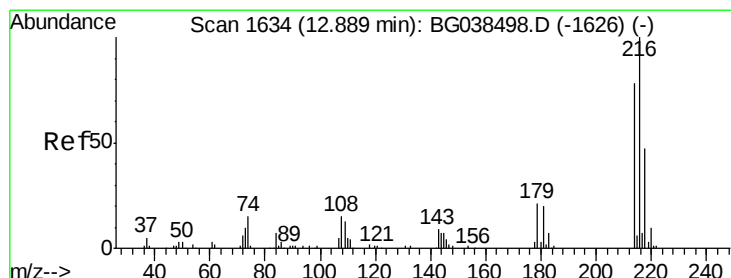
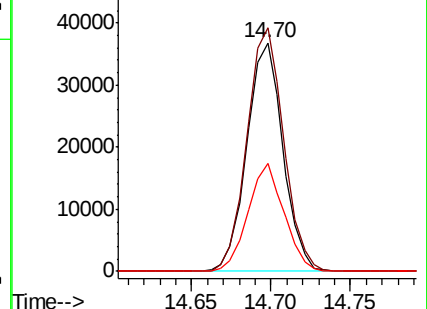
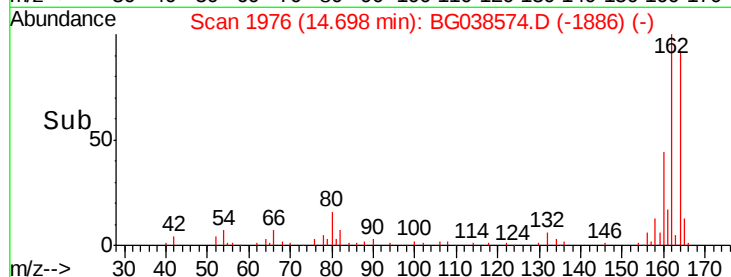
160 46.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.121 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Tgt Ion:216 Resp: 84833

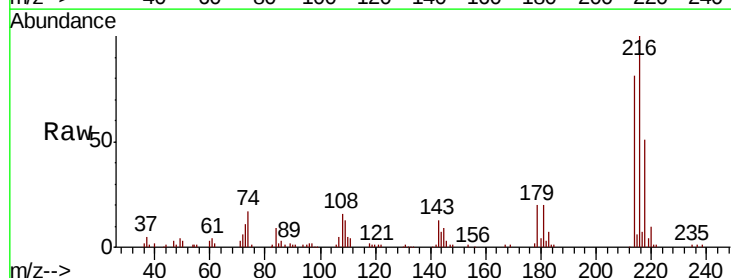
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 19.8 16.4 24.6

108 19.4 13.9 20.9

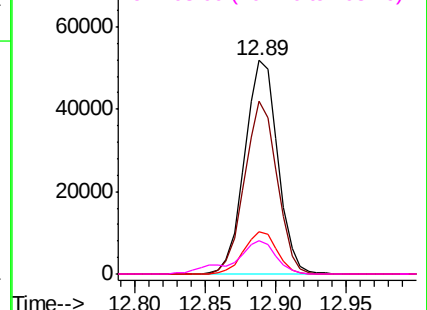
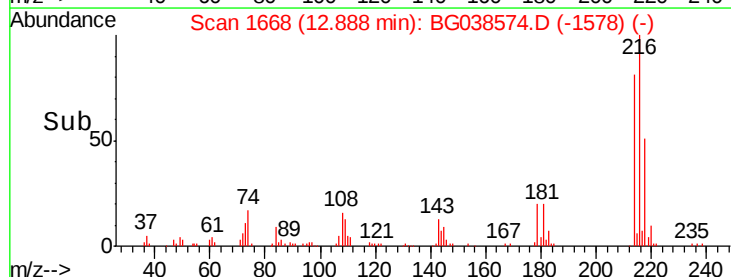


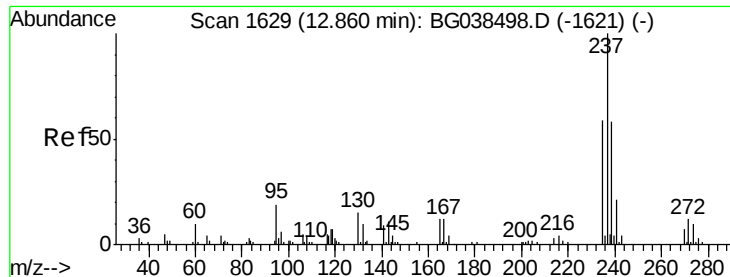
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 97.962 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

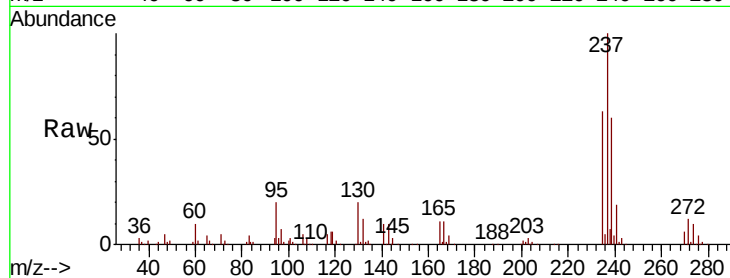
Tgt Ion: 237 Resp: 116709

Ion Ratio Lower Upper

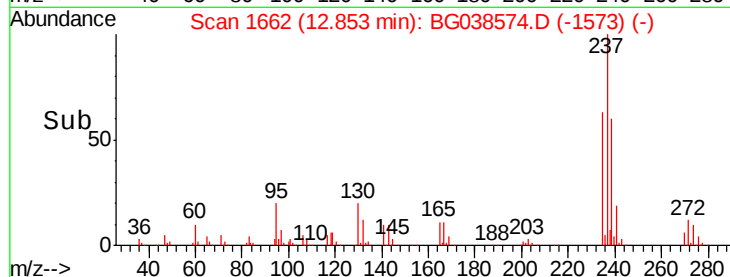
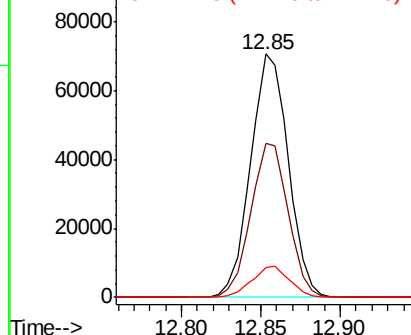
237 100

235 63.3 38.8 78.8

272 12.3 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 117.901 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

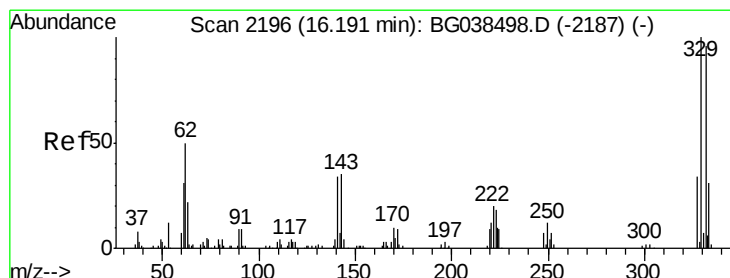
Tgt Ion: 330 Resp: 94265

Ion Ratio Lower Upper

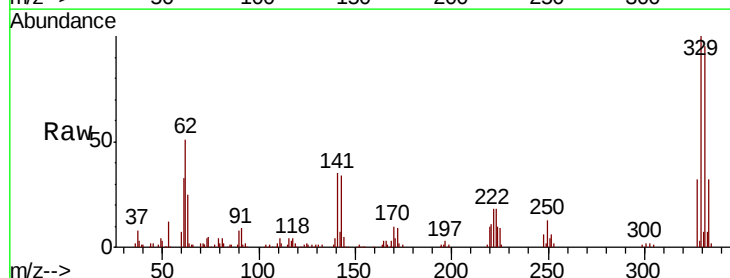
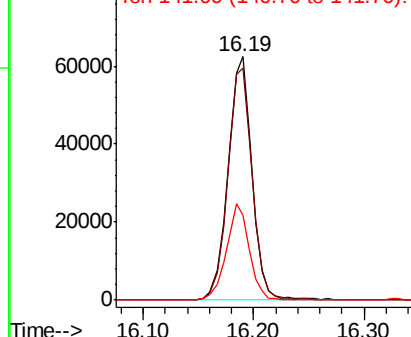
330 100

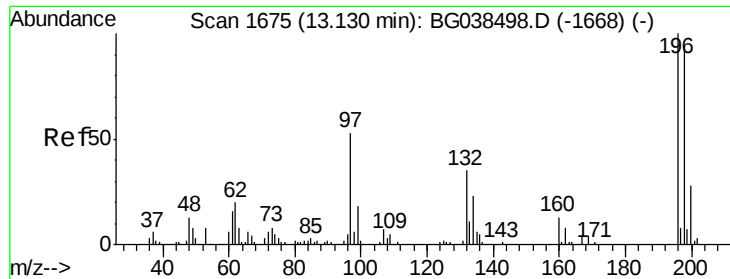
332 96.6 76.9 115.3

141 38.0 28.8 43.2



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

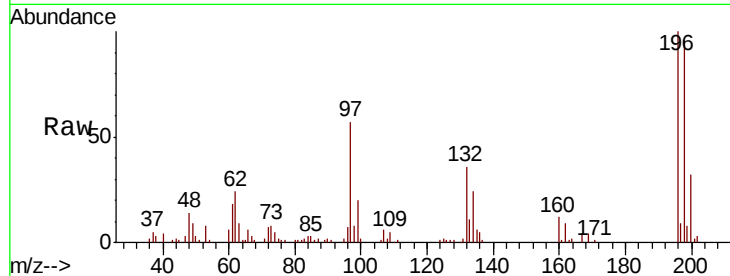




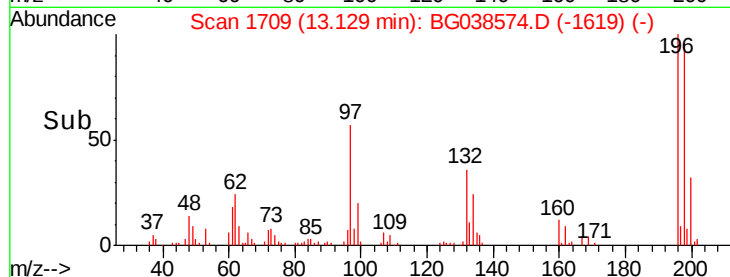
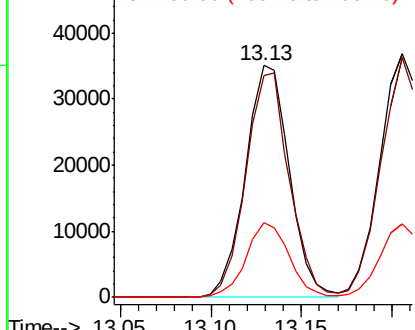
#43
 2,4,6-Trichlorophenol
 Concen: 44.382 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleID :
 PB115331BS

Tgt Ion:196 Resp: 59176
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.0 112.4
 200 32.1 22.4 33.6



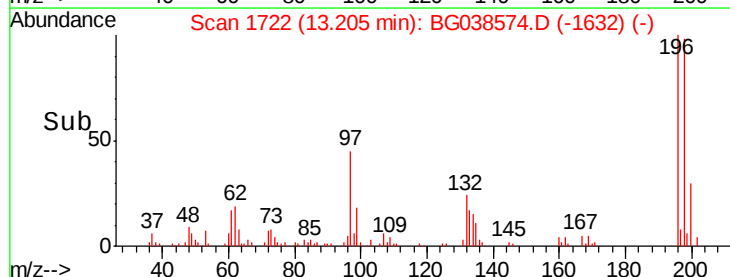
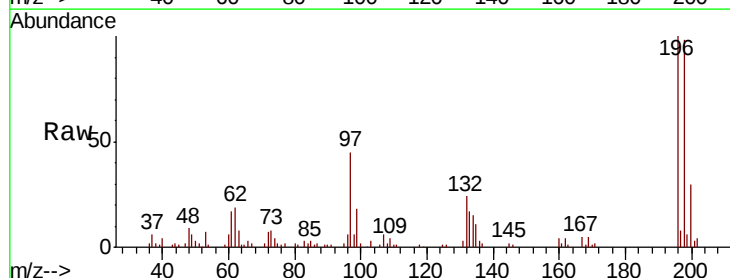
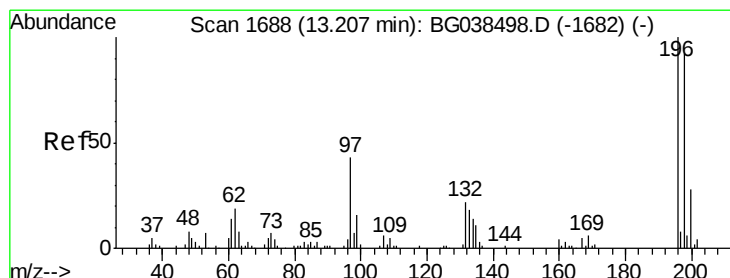
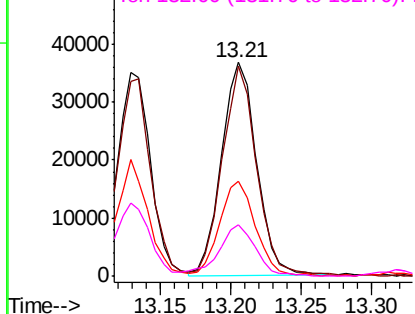
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

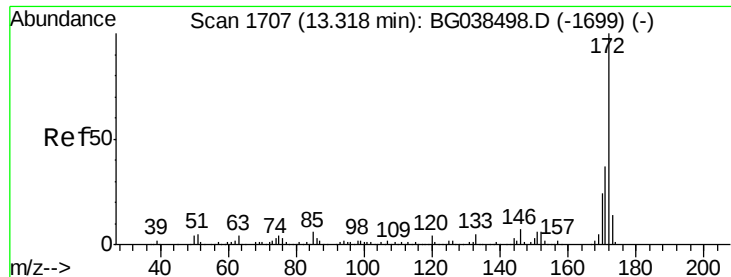


#44
 2,4,5-Trichlorophenol
 Concen: 44.913 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion:196 Resp: 63403
 Ion Ratio Lower Upper
 196 100
 198 98.3 74.0 111.0
 97 44.6 35.1 52.7
 132 24.1 18.0 27.0

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

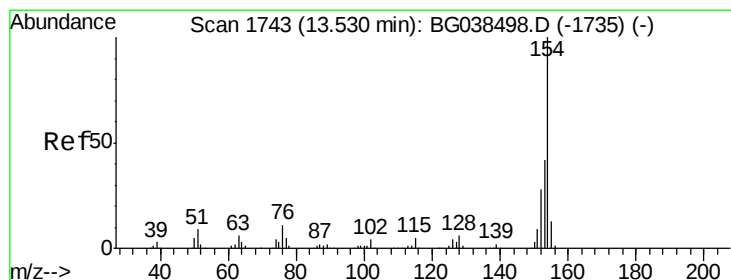
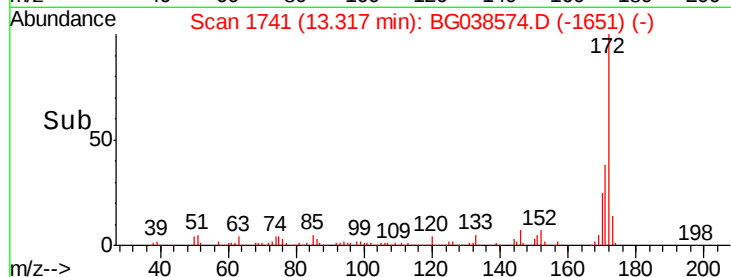
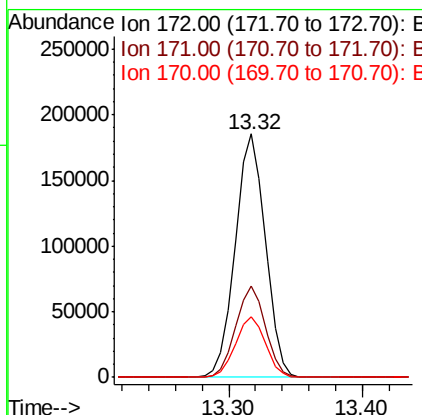
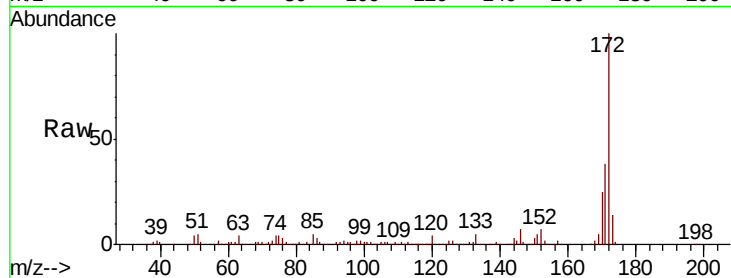




#45
 2-Fluorobiphenyl
 Concen: 68.603 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

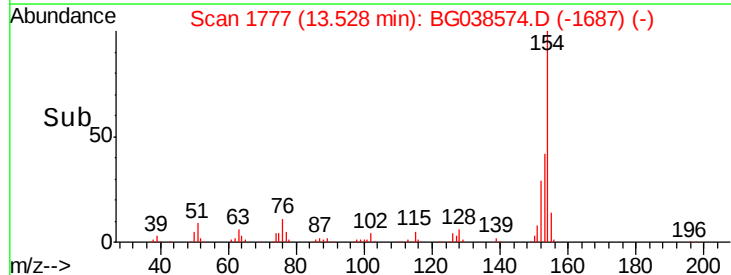
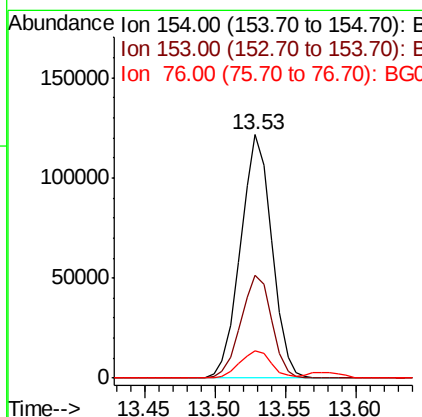
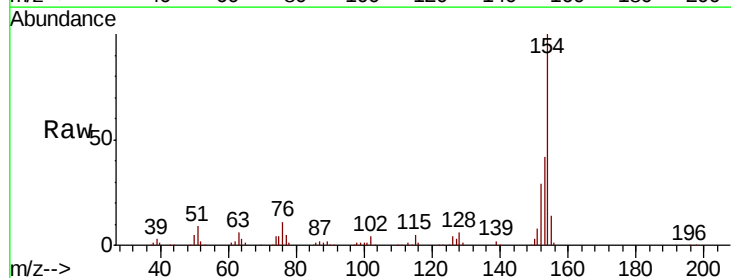
Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion:172 Resp: 290111
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.6
 170 24.6 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 38.725 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion:154 Resp: 188332
 Ion Ratio Lower Upper
 154 100
 153 42.0 22.1 62.1
 76 11.1 0.0 31.2

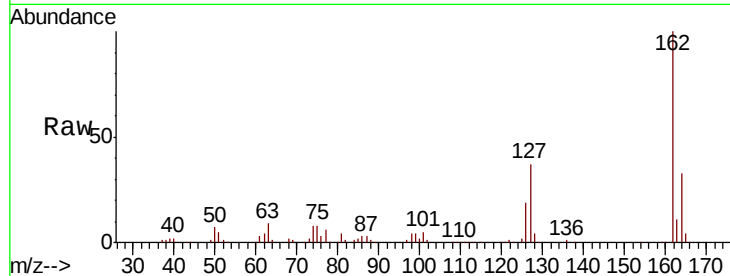




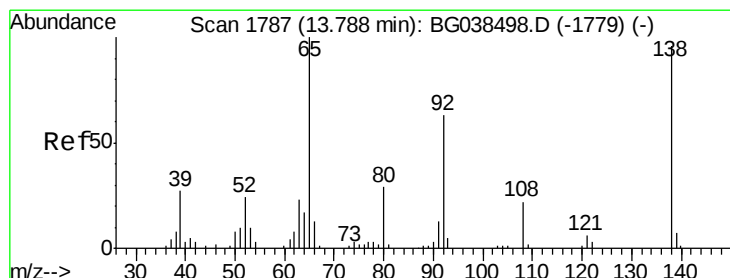
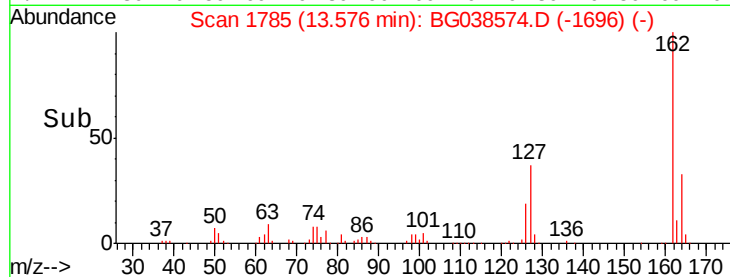
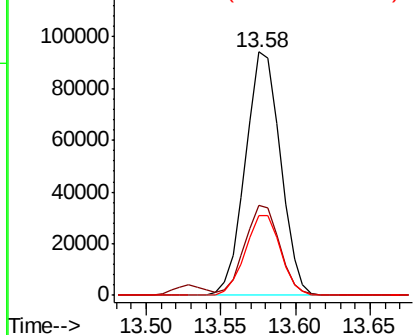
#47
 2-Chloronaphthalene
 Concen: 40.709 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion: 162 Resp: 152932
 Ion Ratio Lower Upper
 162 100
 127 36.9 27.8 41.8
 164 32.8 26.9 40.3

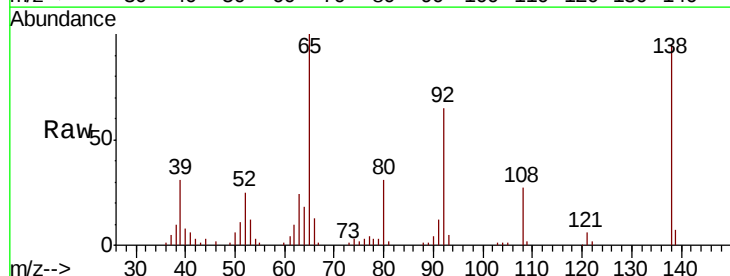


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

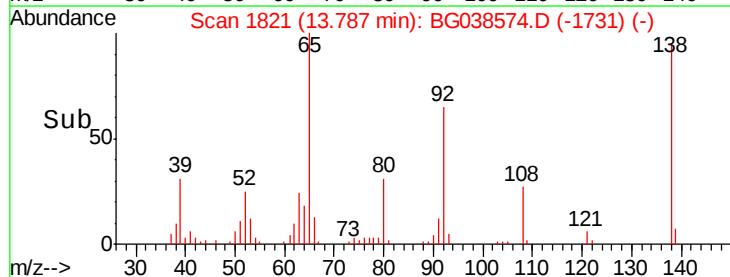
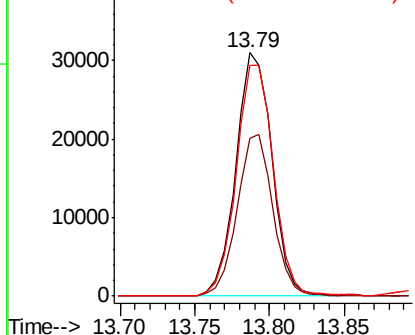


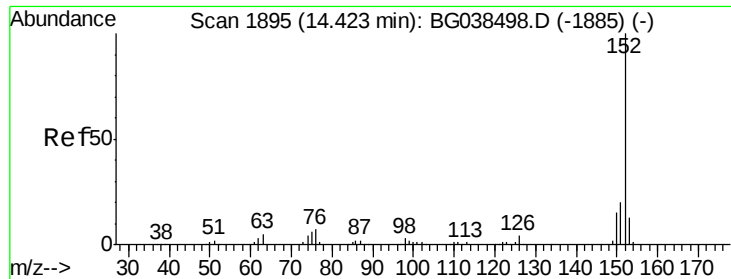
#48
 2-Nitroaniline
 Concen: 43.440 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion: 65 Resp: 51980
 Ion Ratio Lower Upper
 65 100
 92 64.8 50.0 75.0
 138 94.8 76.9 115.3



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





#49

Acenaphthylene

Concen: 44.520 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

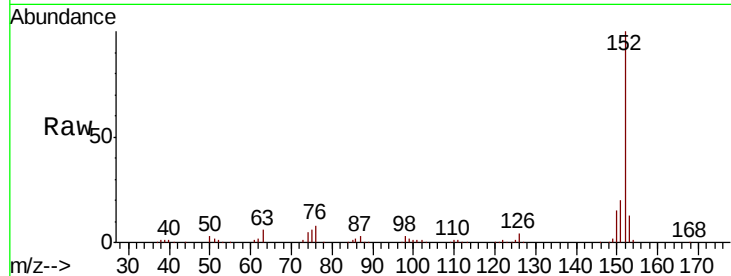
Tgt Ion:152 Resp: 250029

Ion Ratio Lower Upper

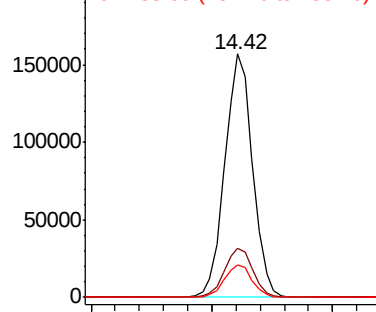
152 100

151 20.2 16.4 24.6

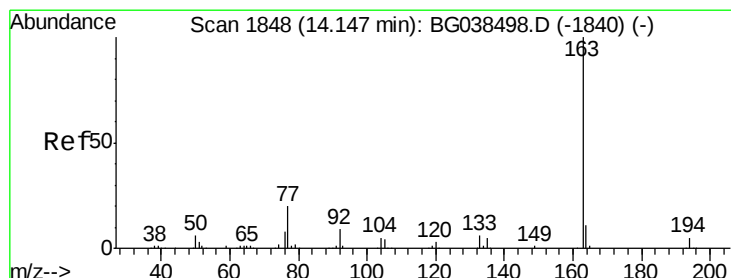
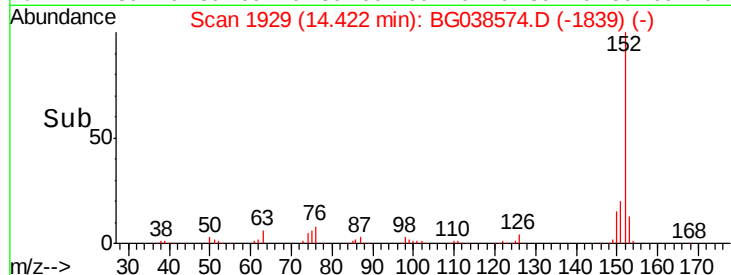
153 13.1 10.4 15.6



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



Time--> 14.30 14.40 14.50



#50

Dimethylphthalate

Concen: 42.508 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

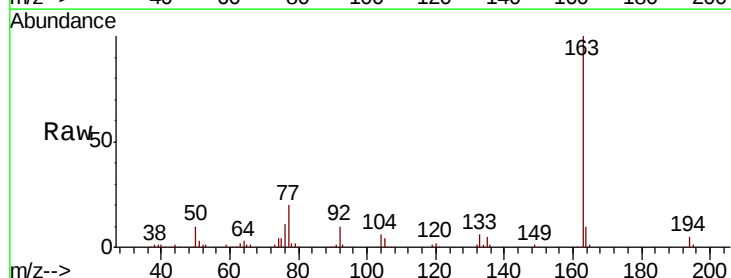
Tgt Ion:163 Resp: 201382

Ion Ratio Lower Upper

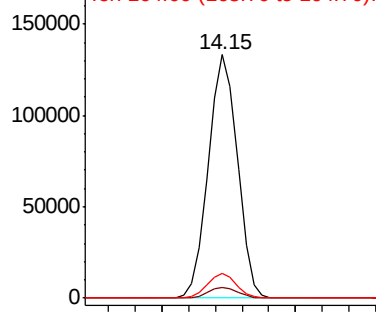
163 100

194 4.6 3.7 5.5

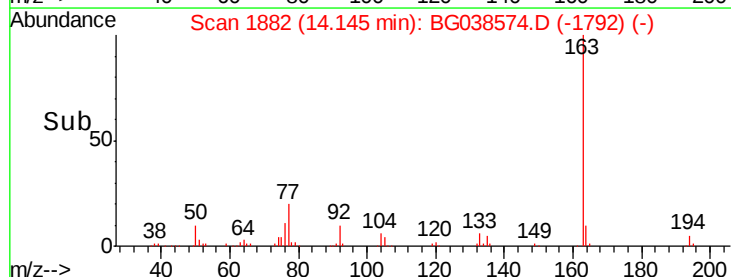
164 10.4 8.6 12.8

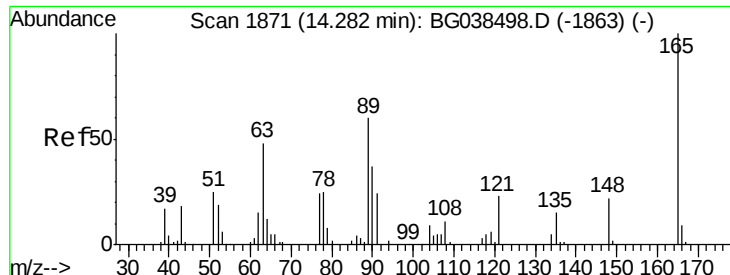


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time--> 14.10 14.20

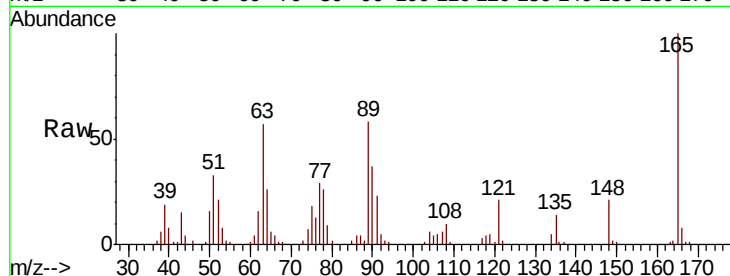




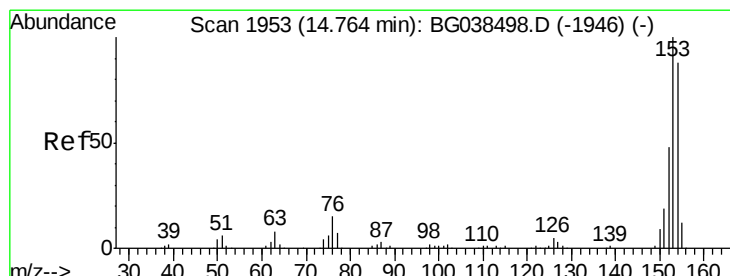
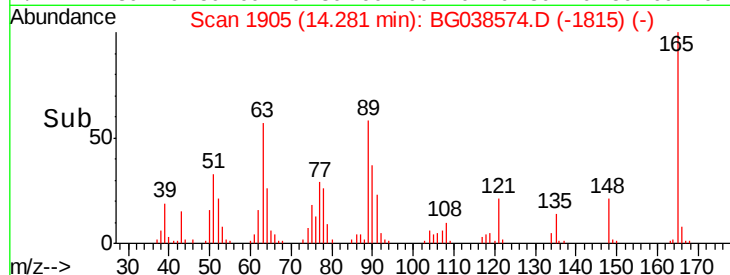
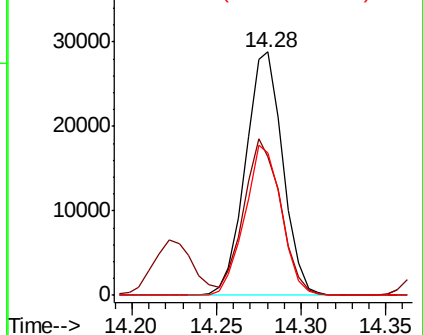
#51
 2,6-Dinitrotoluene
 Concen: 41.092 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion:165 Resp: 44117
 Ion Ratio Lower Upper
 165 100
 63 57.1 51.8 77.6
 89 58.4 47.9 71.9

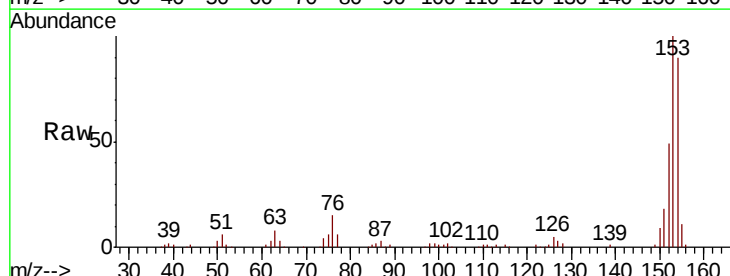


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

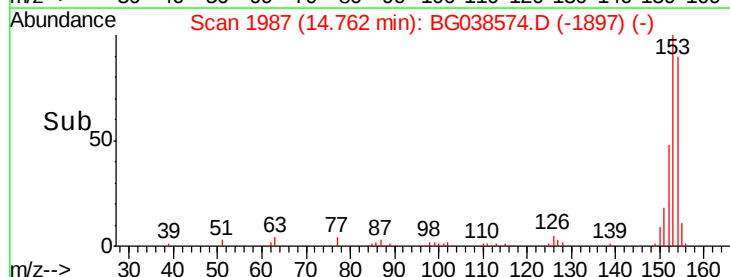
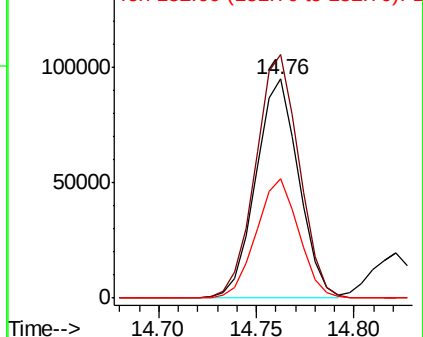


#52
 Acenaphthene
 Concen: 42.684 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion:154 Resp: 143342
 Ion Ratio Lower Upper
 154 100
 153 111.1 90.6 136.0
 152 54.3 43.5 65.3



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





#53

3-Nitroaniline

Concen: 29.569 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

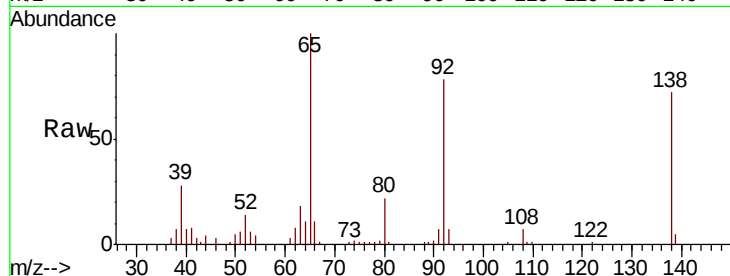
Tgt Ion:138 Resp: 32361

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

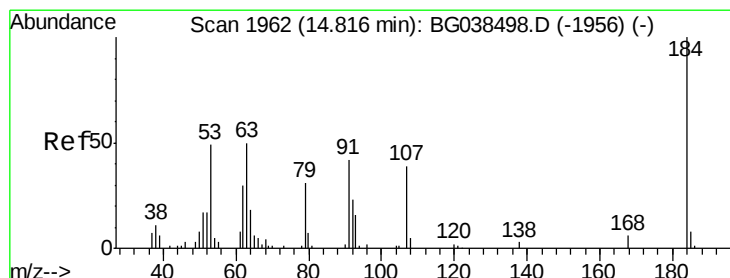
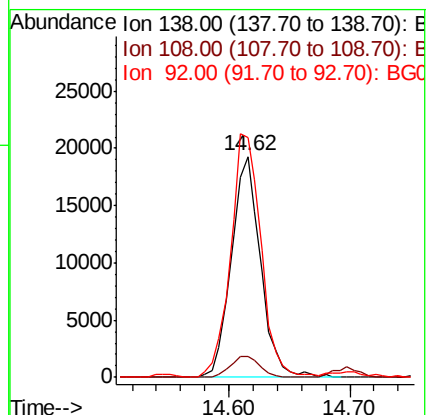
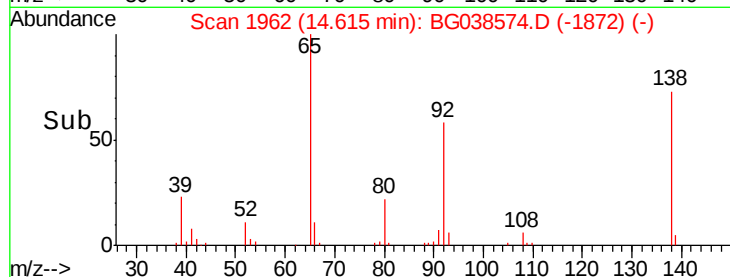
92 108.8 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 77.135 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

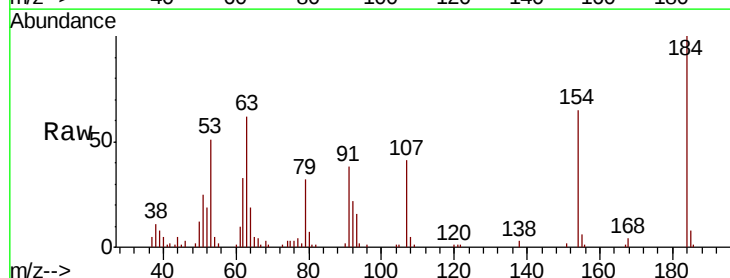
Tgt Ion:184 Resp: 49147

Ion Ratio Lower Upper

184 100

63 61.8 47.0 70.6

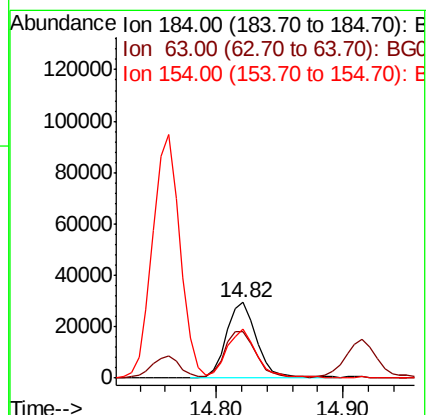
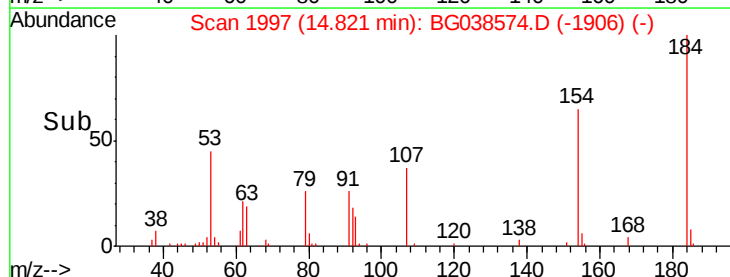
154 65.4 50.3 75.5

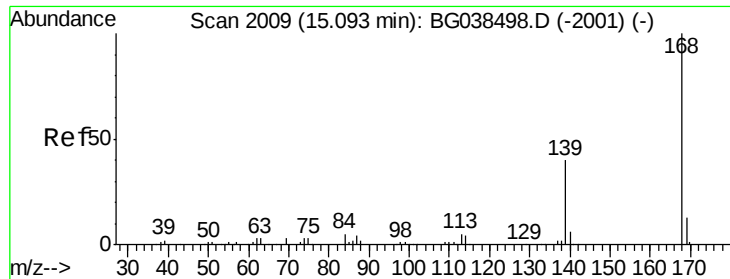


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

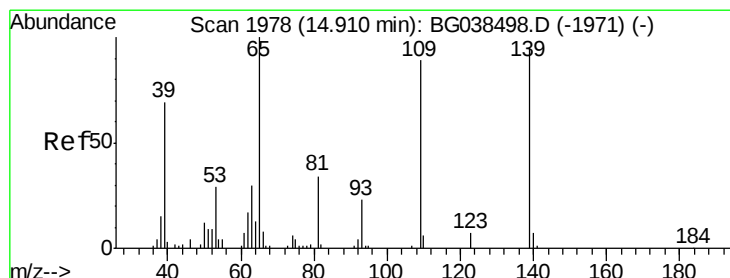
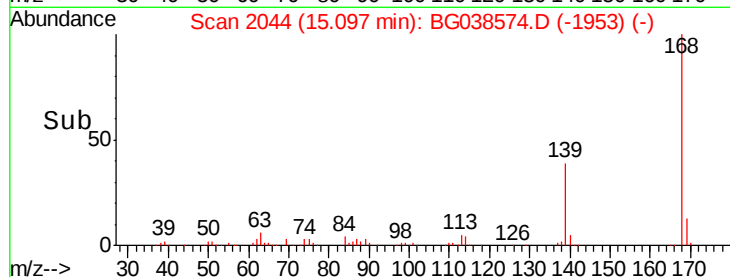
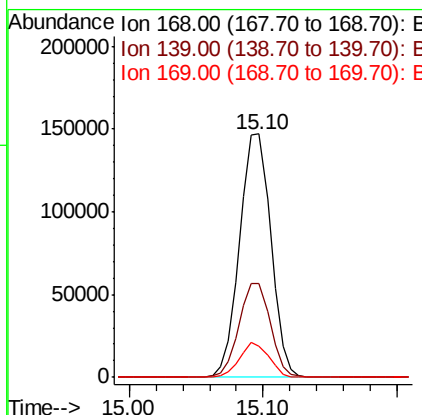
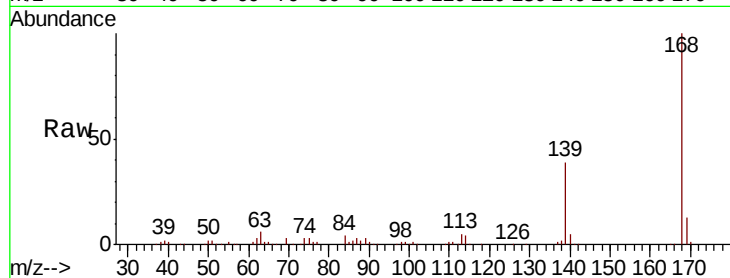




#55
Dibenzenofuran
Concen: 41.532 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

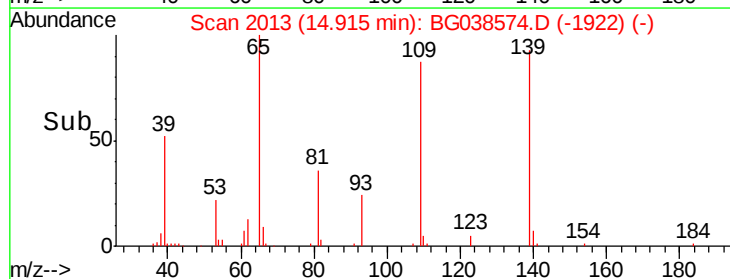
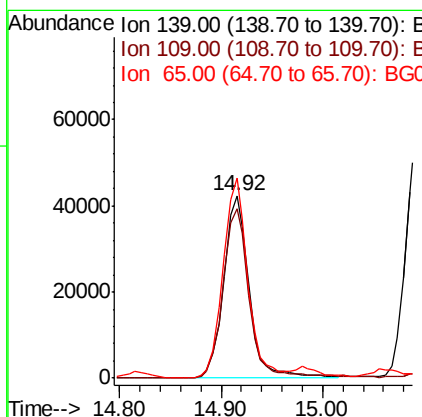
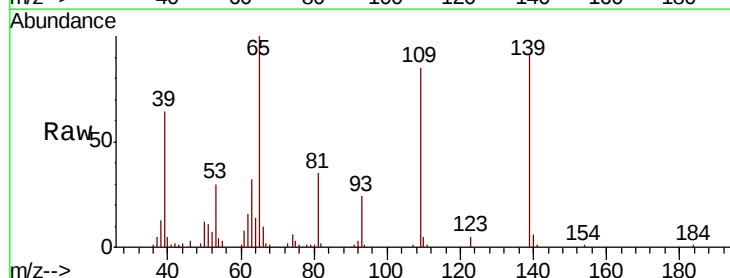
Instrument :
BNA_G
ClientSampleId :
PB115331BS

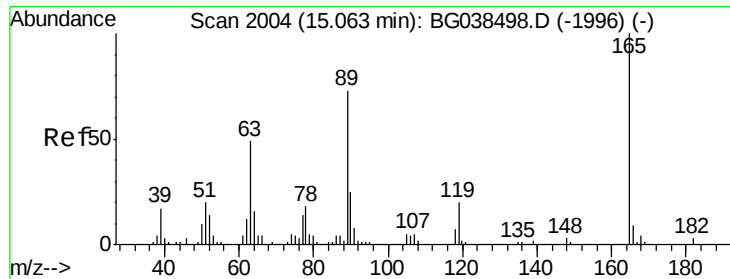
Tgt Ion:	168	Resp:	239081
Ion	Ratio	Lower	Upper
168	100		
139	38.7	32.2	48.2
169	12.8	10.6	16.0



#56
4-Nitrophenol
Concen: 88.892 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:	139	Resp:	73803
Ion	Ratio	Lower	Upper
139	100		
109	93.0	73.6	113.6
65	109.3	84.8	124.8

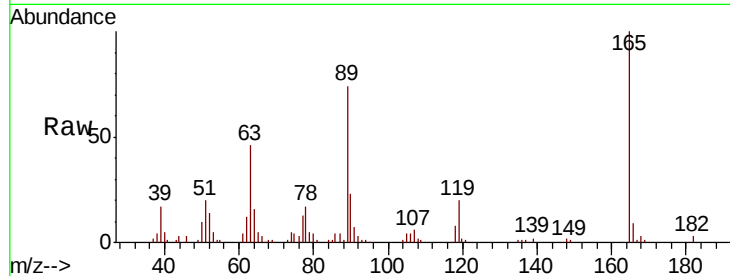




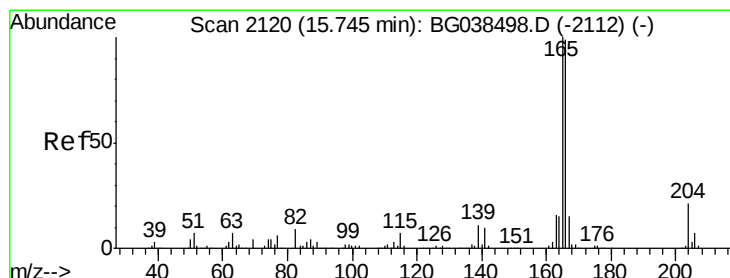
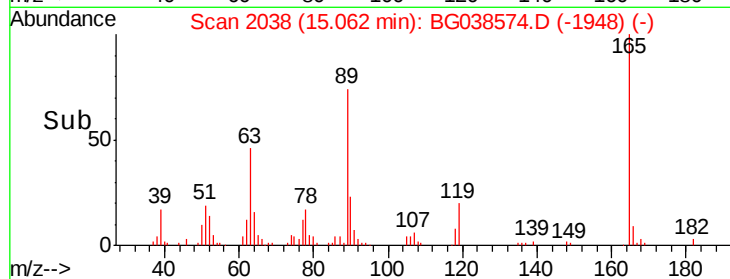
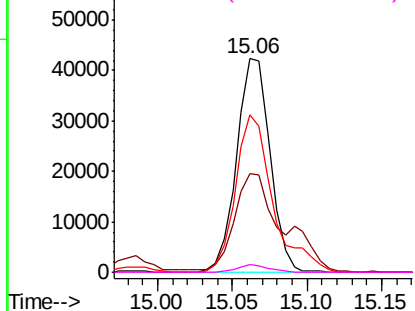
#57
2,4-Dinitrotoluene
Concen: 43.650 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
PB115331BS

Tgt Ion:165 Resp: 66004
Ion Ratio Lower Upper
165 100
63 46.5 39.0 58.4
89 73.8 58.0 87.0
182 3.4 2.3 3.5

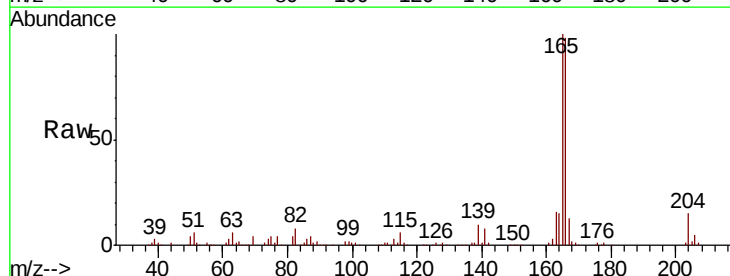


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

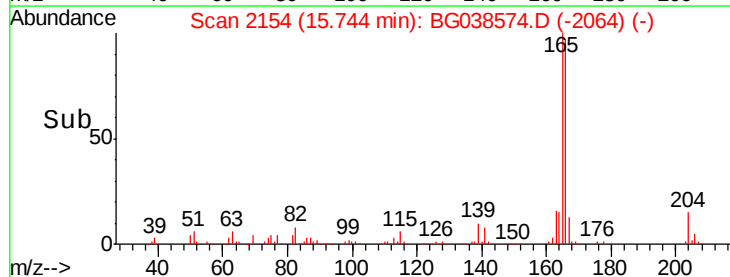
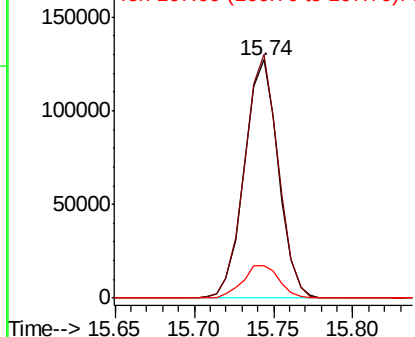


#58
Fluorene
Concen: 44.250 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:166 Resp: 188720
Ion Ratio Lower Upper
166 100
165 102.3 80.6 120.8
167 13.5 12.0 18.0



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

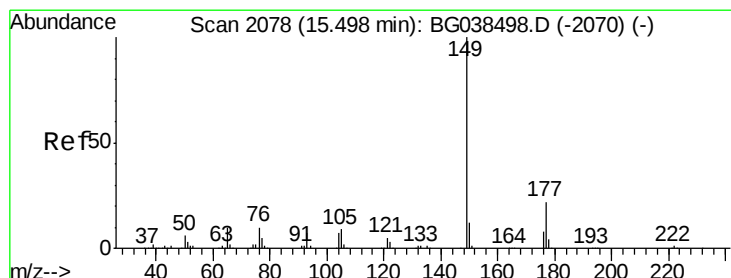
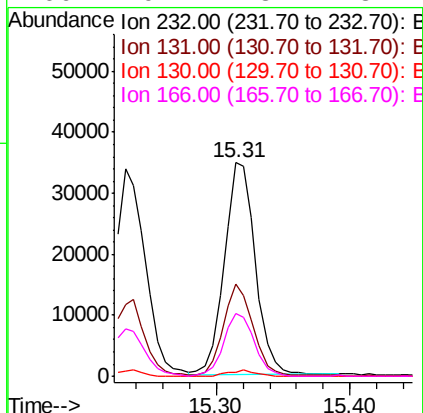
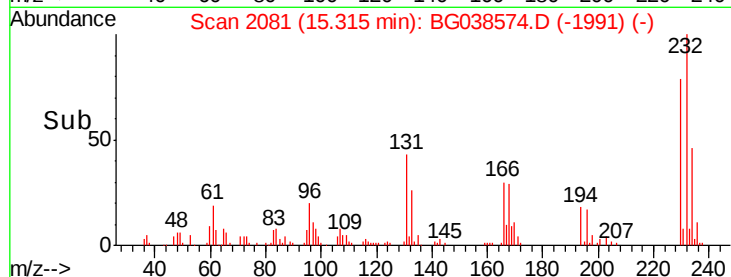
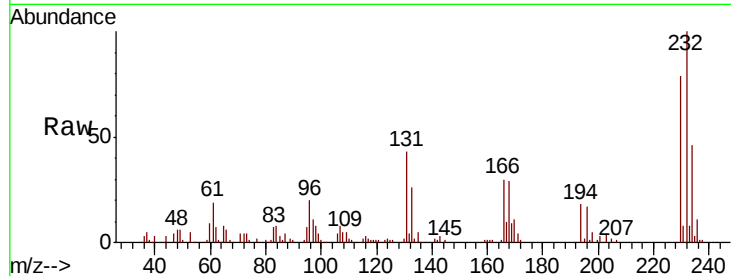




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.621 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

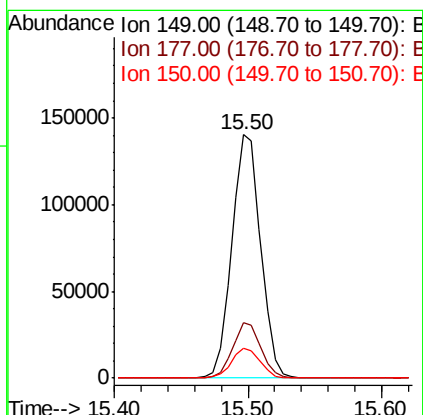
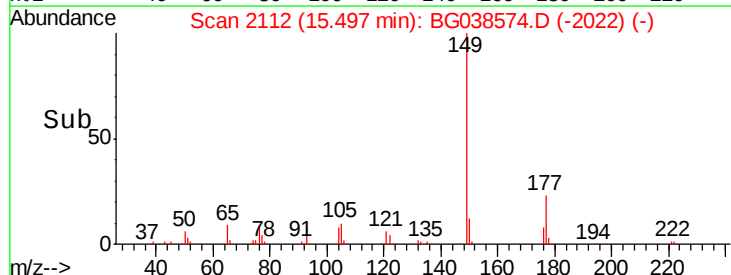
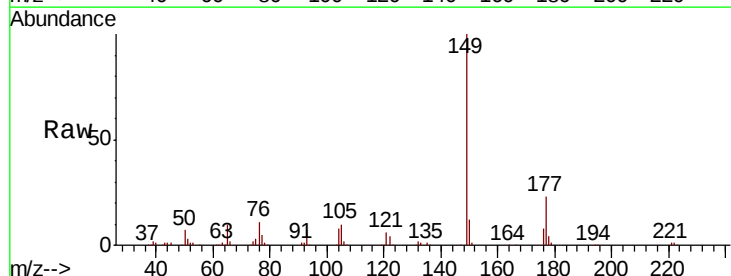
Instrument :
BNA_G
ClientSampleId :
PB115331BS

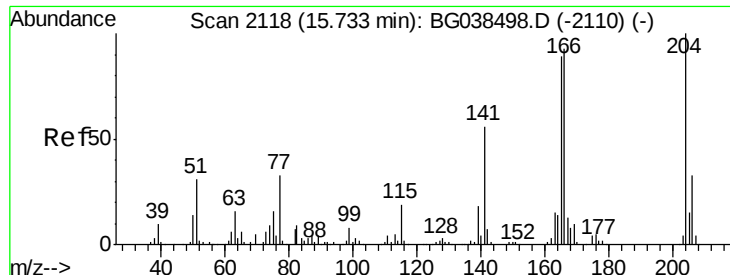
Tgt Ion:232 Resp: 56673
Ion Ratio Lower Upper
232 100
131 40.6 33.0 49.4
130 2.5 2.0 3.0
166 29.1 23.1 34.7



#60
Diethylphthalate
Concen: 40.340 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:149 Resp: 209797
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.4 9.9 14.9

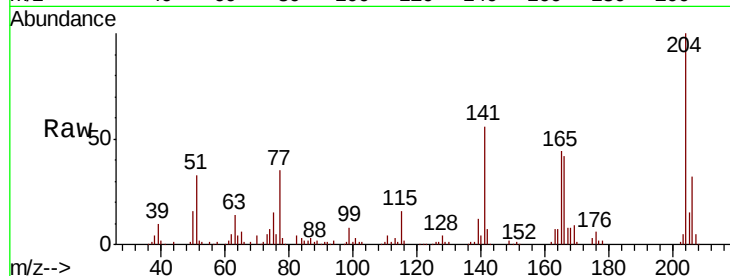




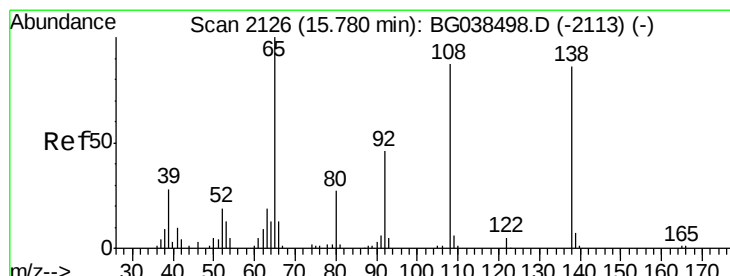
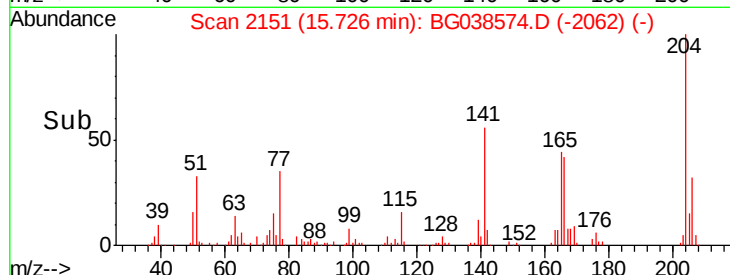
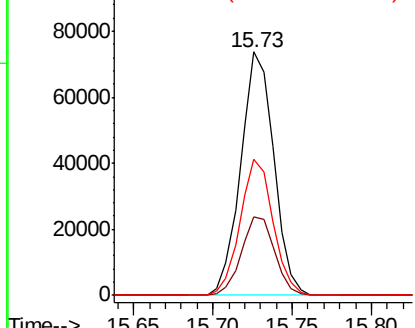
#61
4-Chlorophenyl-phenylether
Concen: 40.198 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
PB115331BS

Tgt Ion: 204 Resp: 106967
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 56.0 44.4 66.6

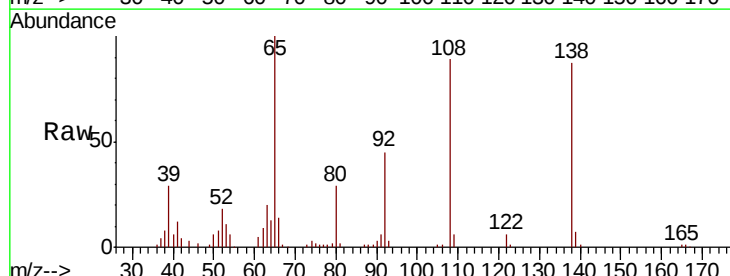


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

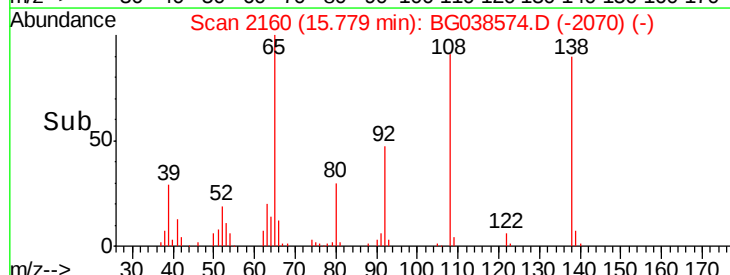
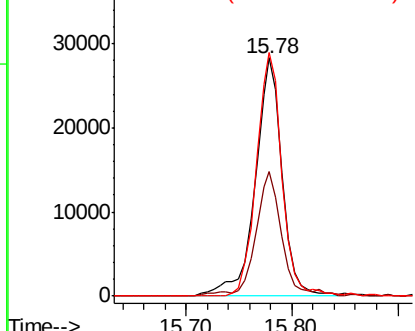


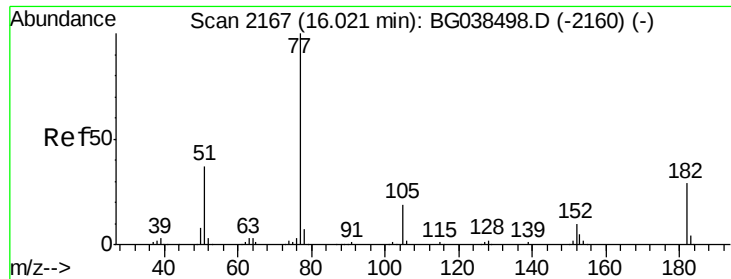
#62
4-Nitroaniline
Concen: 44.573 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion: 138 Resp: 50221
Ion Ratio Lower Upper
138 100
92 52.3 33.3 73.3
108 102.1 81.4 121.4



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





#63

Azobenzene

Concen: 42.122 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

Tgt Ion: 77 Resp: 183005

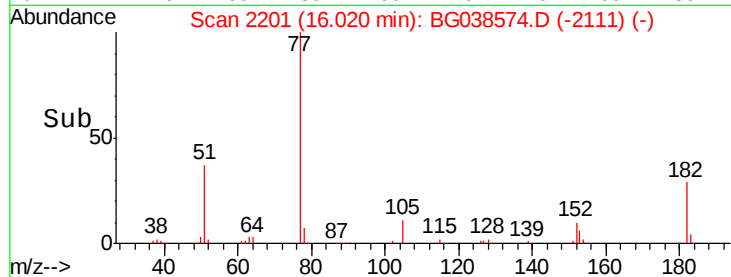
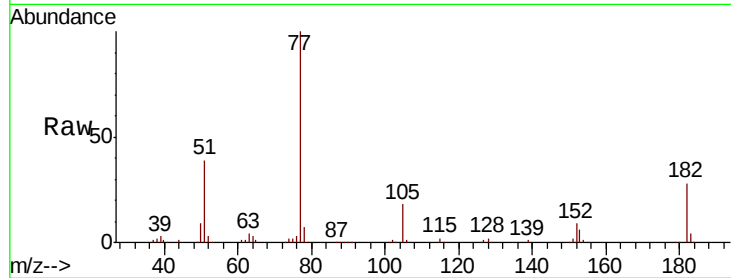
Ion Ratio Lower Upper

77 100

182 27.9 8.7 48.7

105 18.3 0.0 38.7

51 38.6 16.6 56.6

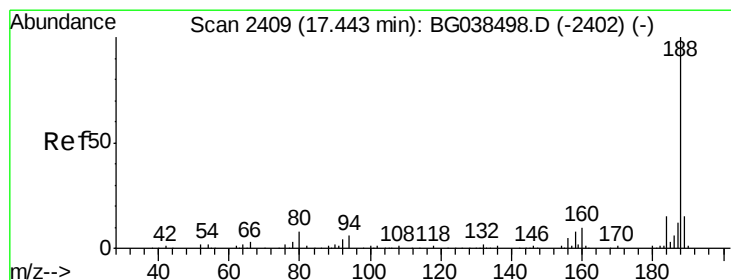
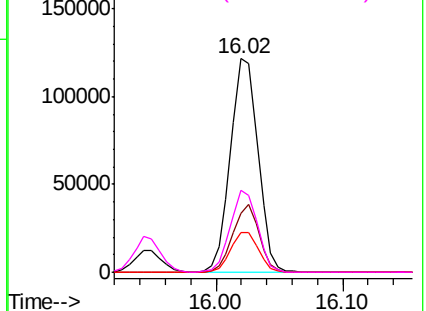


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

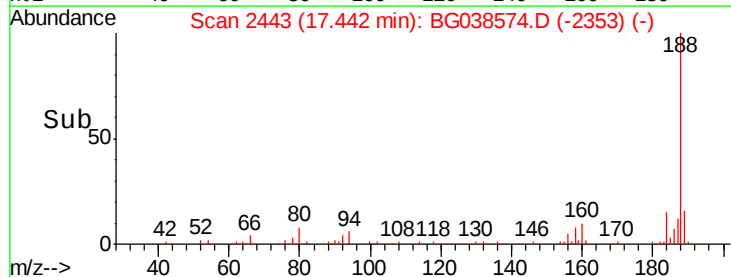
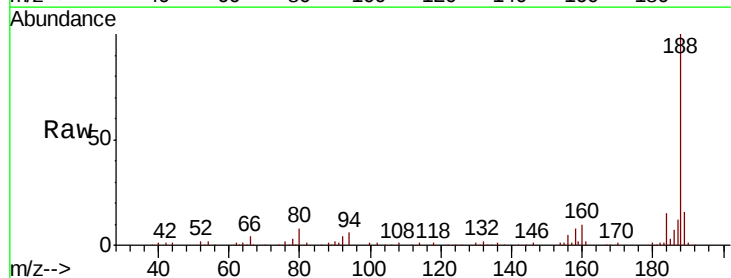
Tgt Ion: 188 Resp: 148120

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

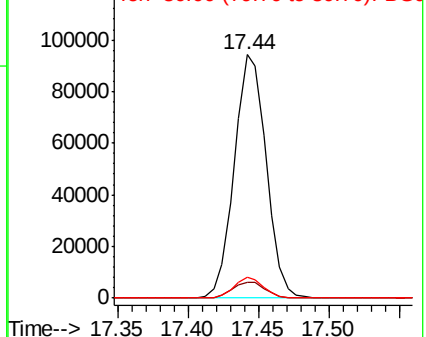
80 8.3 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

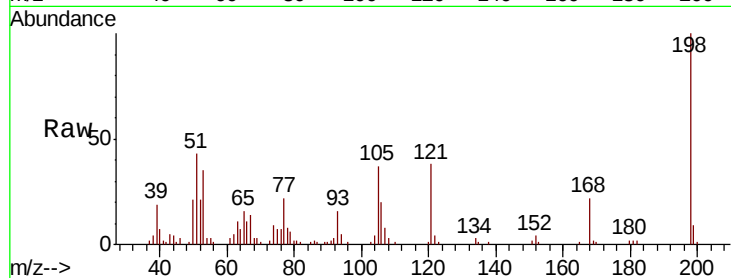




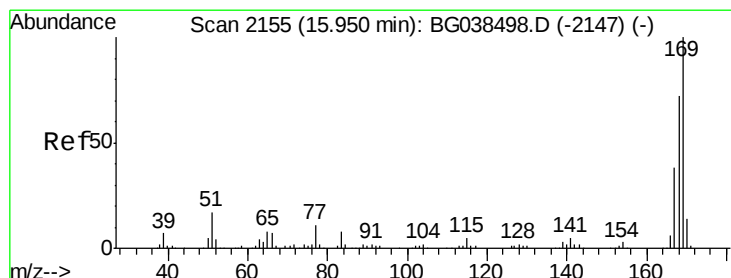
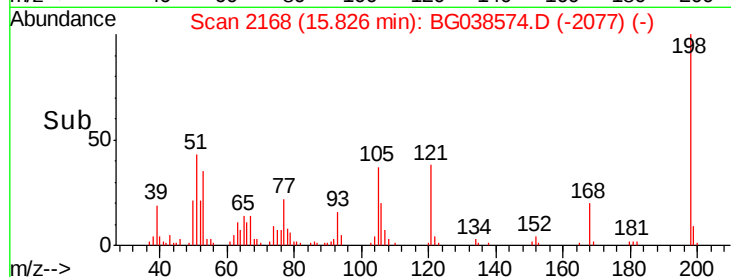
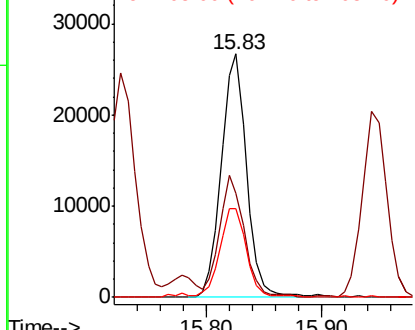
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.292 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion:198 Resp: 40460
 Ion Ratio Lower Upper
 198 100
 51 42.5 28.6 68.6
 105 36.6 20.4 60.4

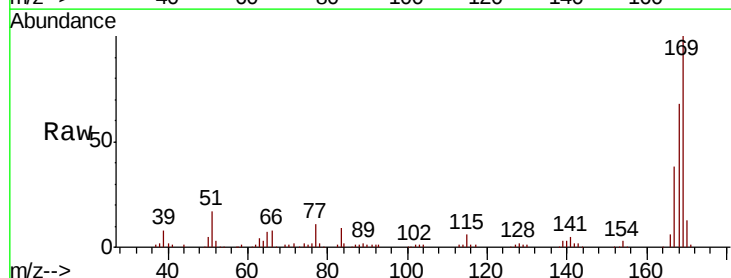


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

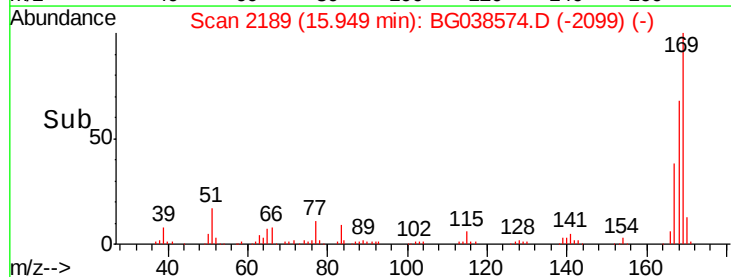
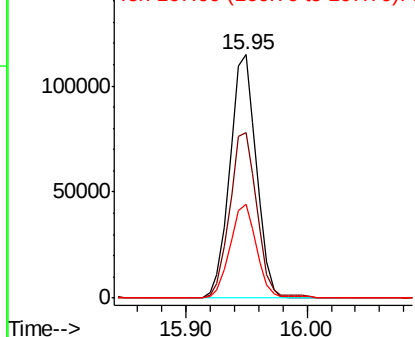


#66
 n-Nitrosodiphenylamine
 Concen: 40.149 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion:169 Resp: 174731
 Ion Ratio Lower Upper
 169 100
 168 67.9 57.5 86.3
 167 38.5 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

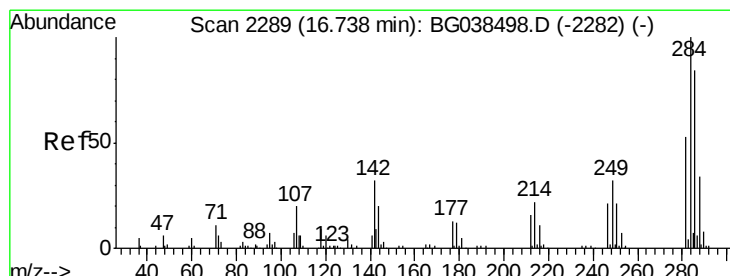
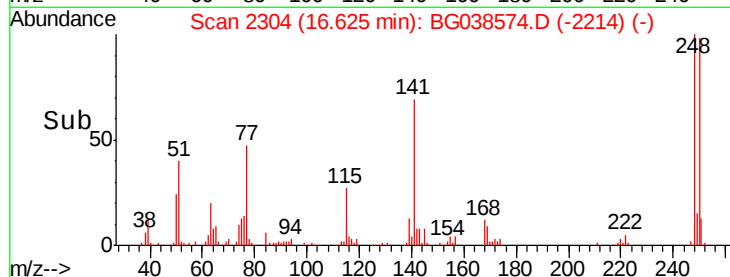
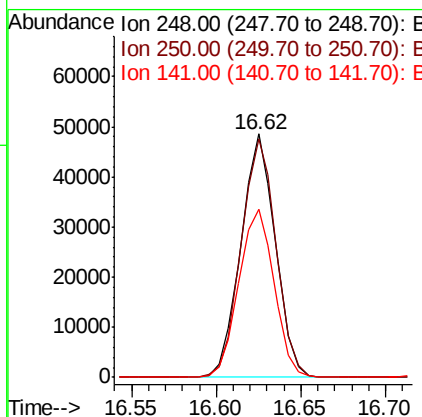
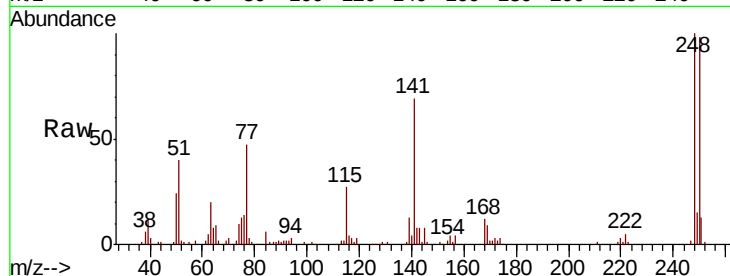




#67
 4-Bromophenyl-phenylether
 Concen: 38.009 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

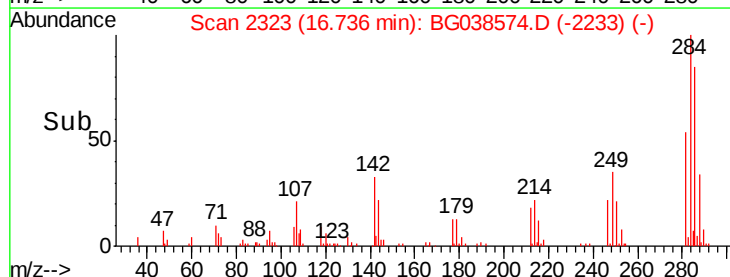
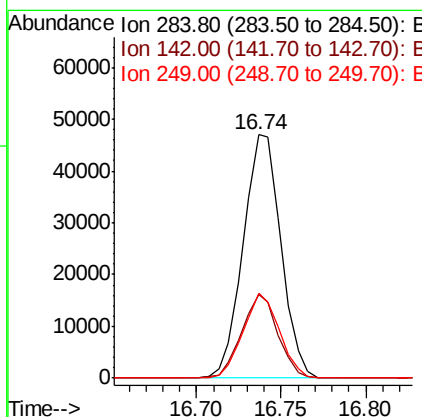
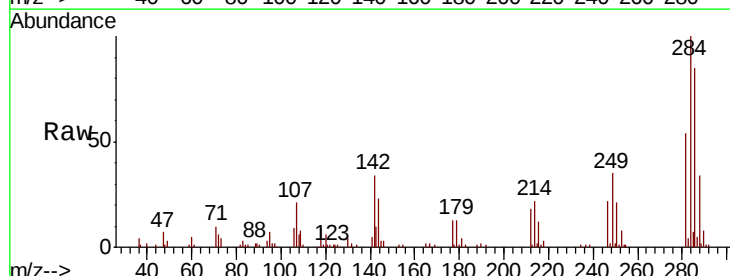
Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

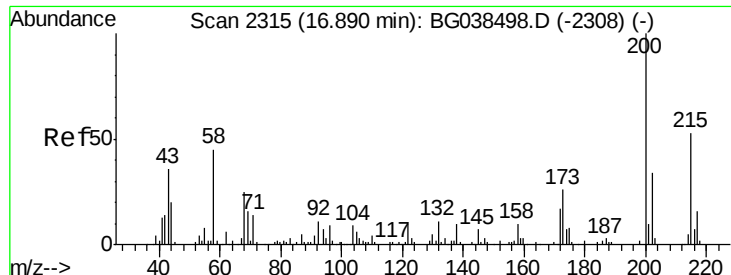
Tgt Ion:248 Resp: 68758
 Ion Ratio Lower Upper
 248 100
 250 98.1 73.4 110.2
 141 69.0 52.9 79.3



#68
 Hexachlorobenzene
 Concen: 39.015 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion:284 Resp: 73161
 Ion Ratio Lower Upper
 284 100
 142 34.3 25.8 38.6
 249 37.3 27.0 40.4





#69

Atrazine

Concen: 45.890 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

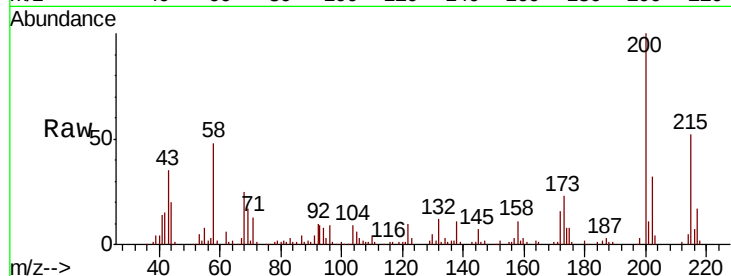
Tgt Ion:200 Resp: 74117

Ion Ratio Lower Upper

200 100

173 22.9 5.9 45.9

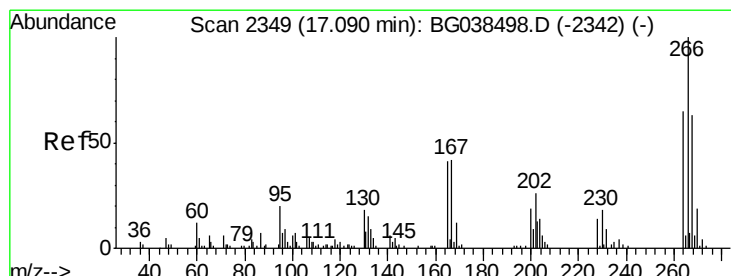
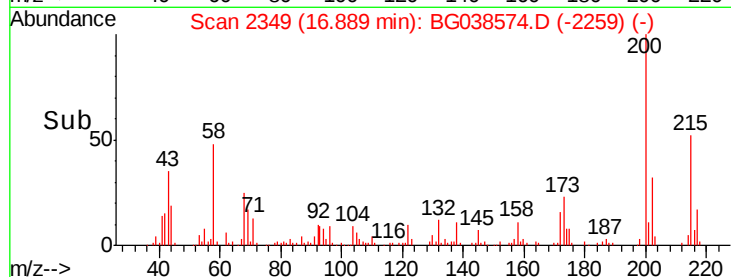
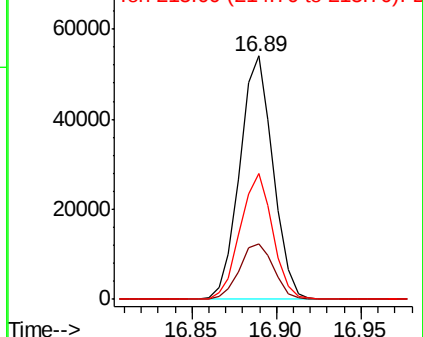
215 51.6 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.601 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

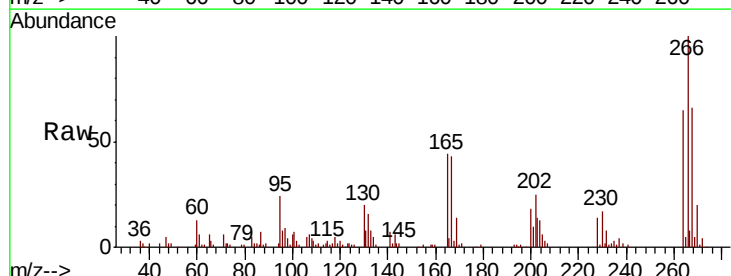
Tgt Ion:266 Resp: 82744

Ion Ratio Lower Upper

266 100

268 70.9 55.0 82.6

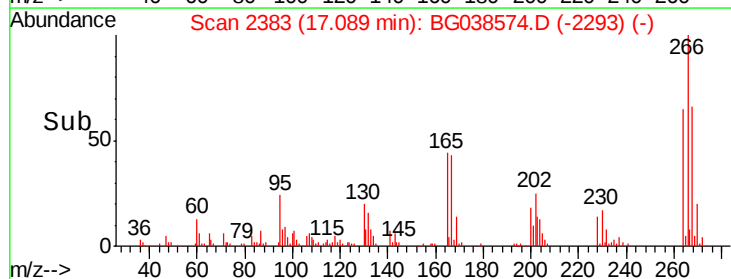
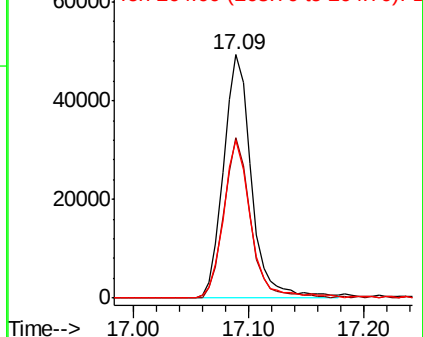
264 70.0 56.7 85.1

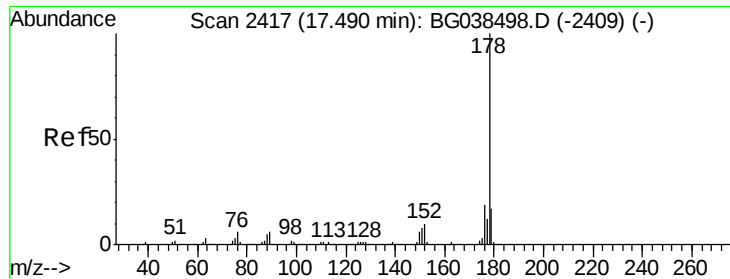


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

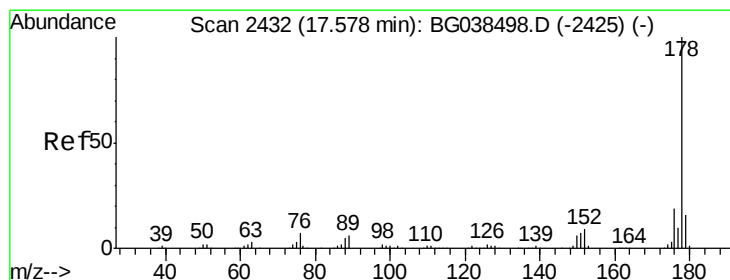
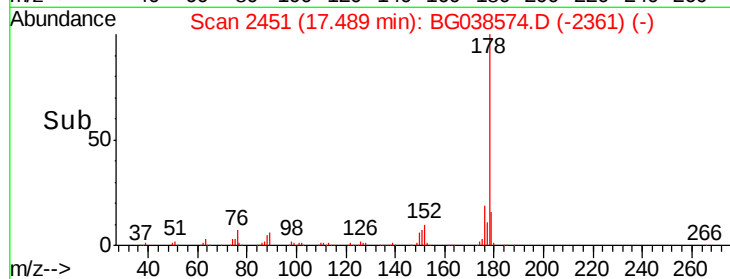
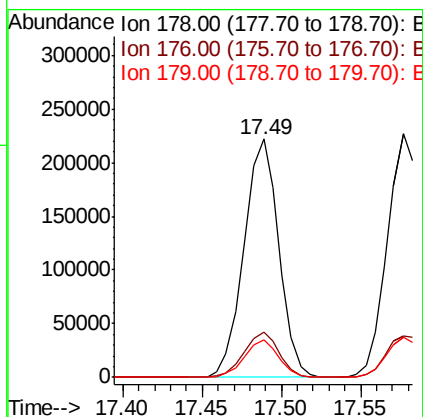
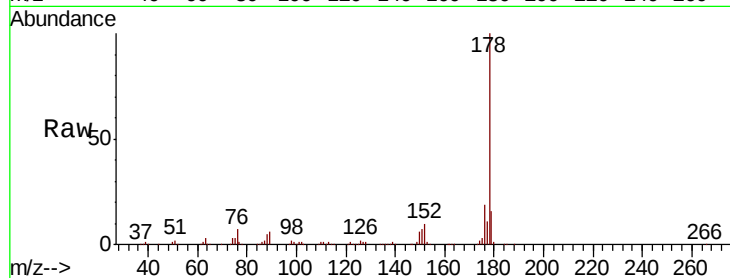




#71
Phenanthrene
Concen: 43.993 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

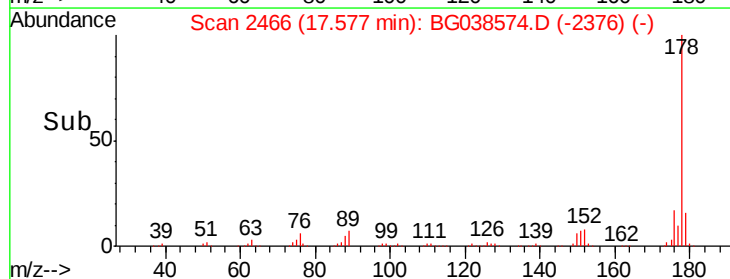
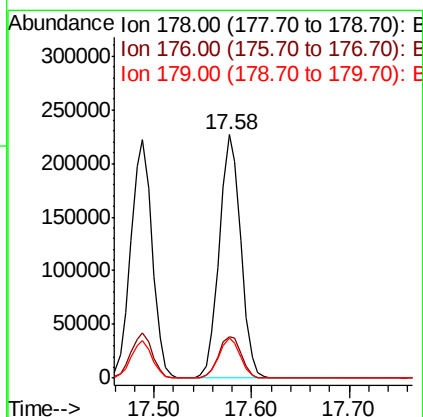
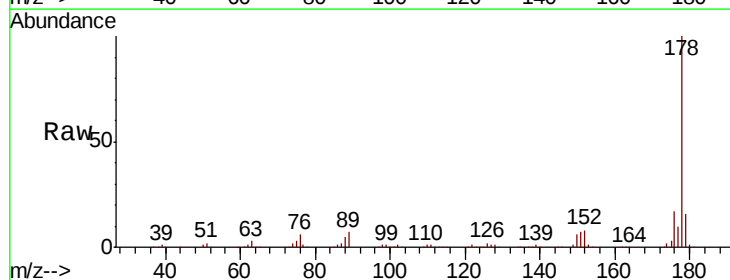
Instrument :
BNA_G
ClientSampleId :
PB115331BS

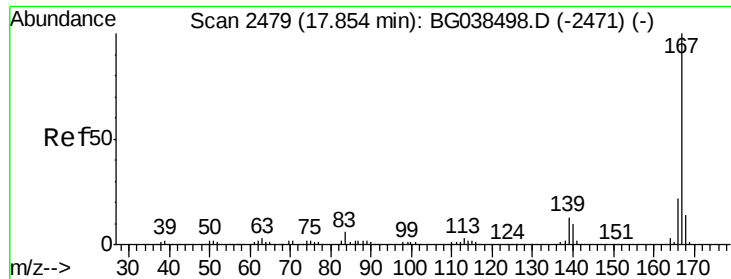
Tgt Ion:178 Resp: 337907
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.6 13.2 19.8



#72
Anthracene
Concen: 45.497 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion:178 Resp: 344989
Ion Ratio Lower Upper
178 100
176 17.2 15.1 22.7
179 16.3 12.9 19.3

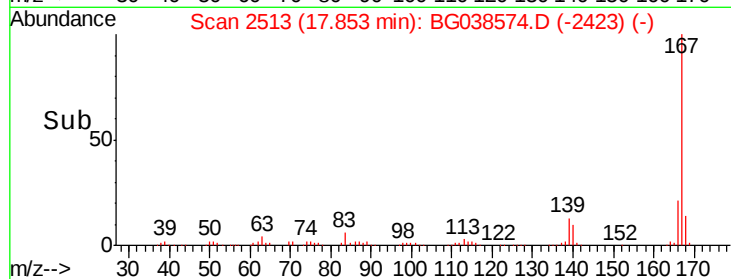
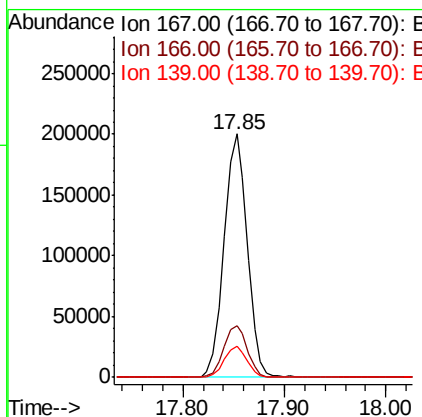
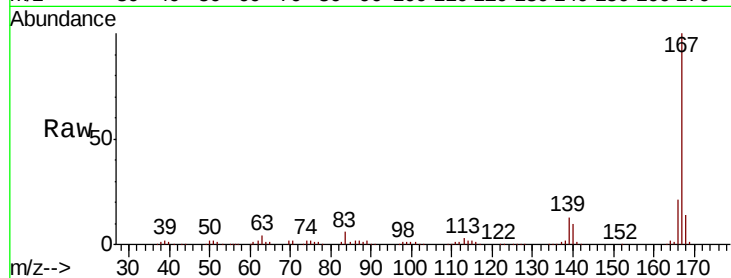




#73
 Carbazole
 Concen: 42.414 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

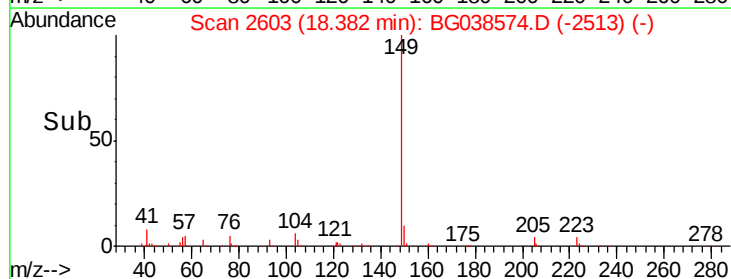
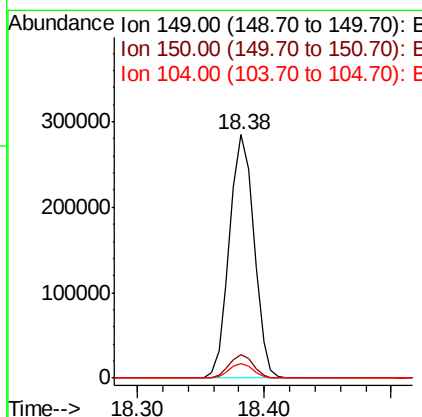
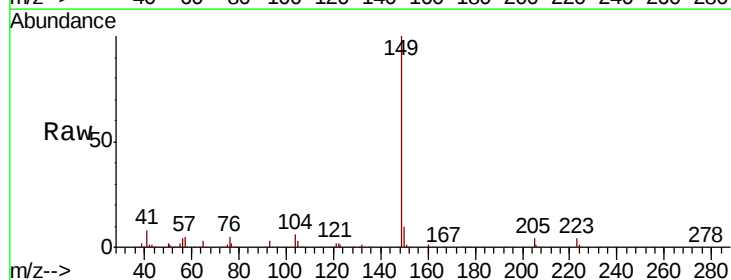
Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

Tgt Ion:	167	Resp:	318073
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.9	26.9
139	12.6	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 44.516 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion:	149	Resp:	383059
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.9	5.0	7.4

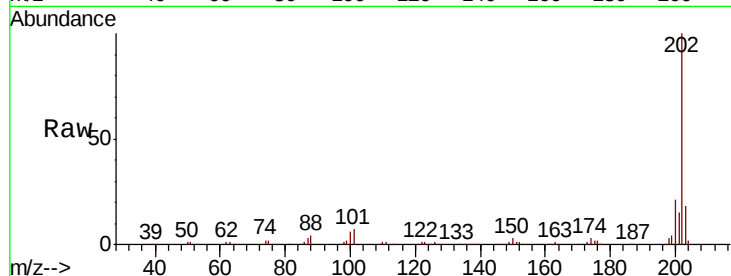




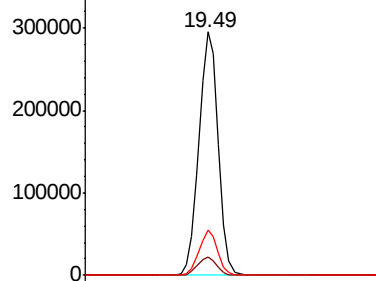
#75
 Fluoranthene
 Concen: 45.692 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

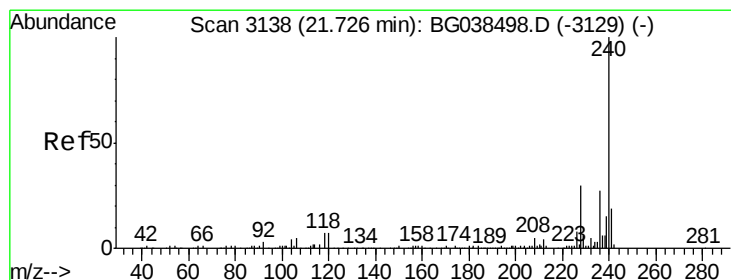
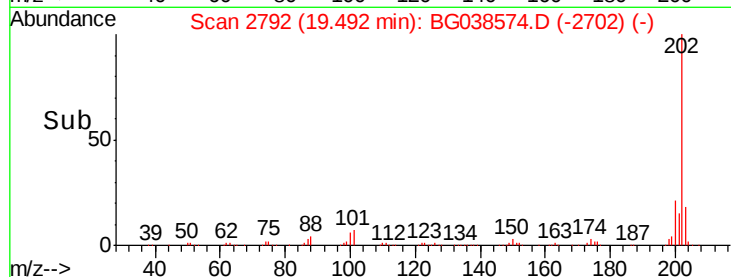
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	434236		
101	7.3		0.0	28.1
203	18.4		0.0	39.0



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

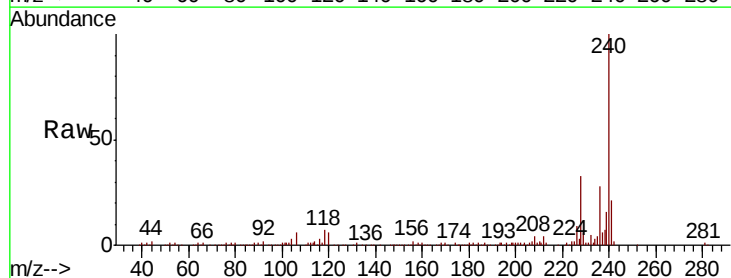


Time-->

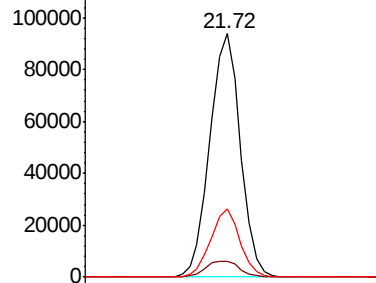


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

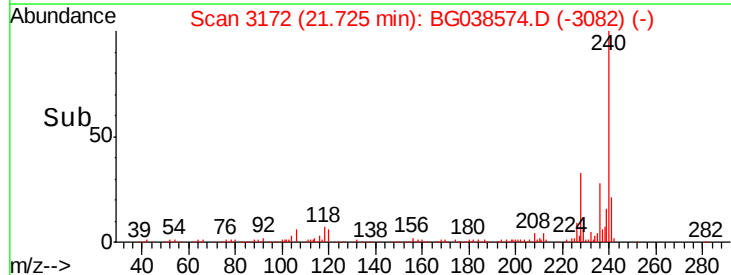
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	156376		
120	6.4		5.3	7.9
236	27.9		21.4	32.2

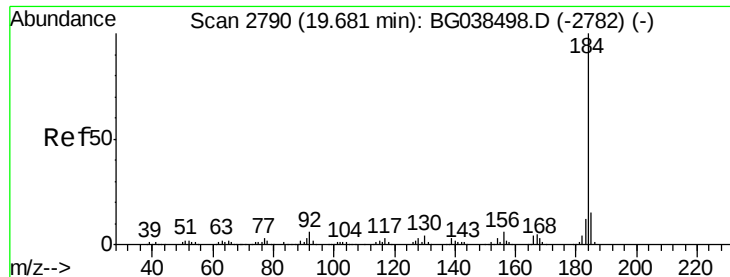


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 48.831 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

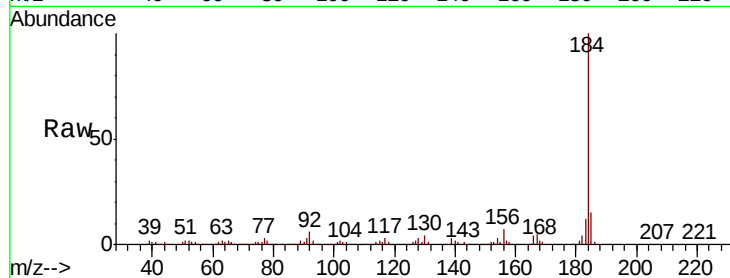
Tgt Ion:184 Resp: 225829

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

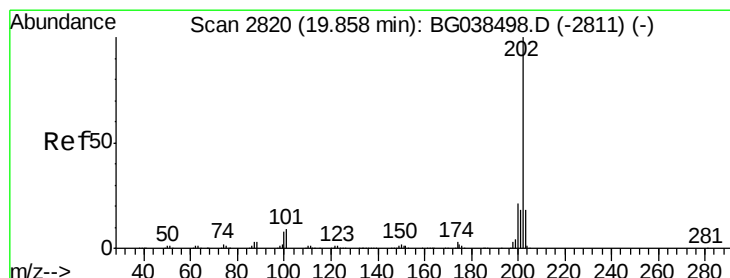
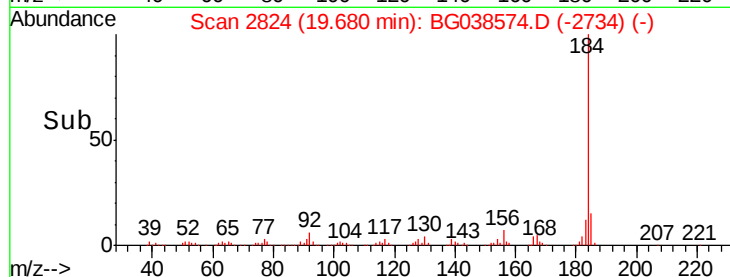
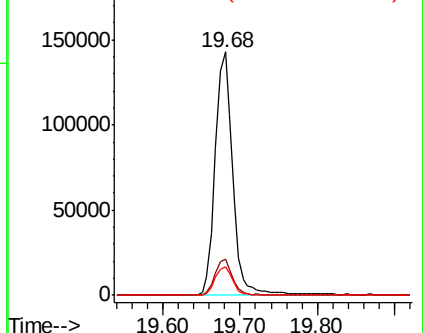
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.140 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

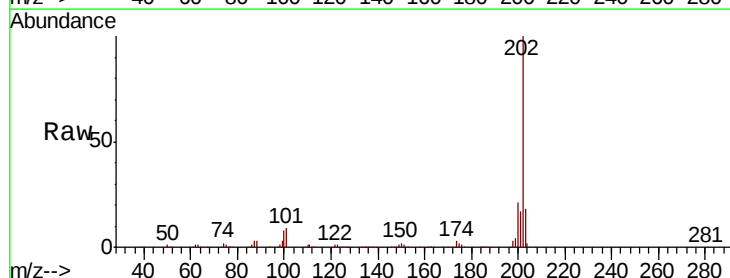
Tgt Ion:202 Resp: 435332

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

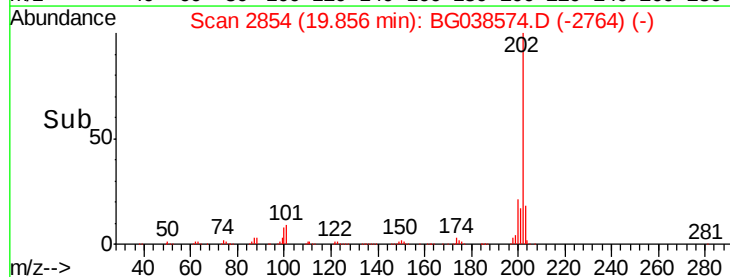
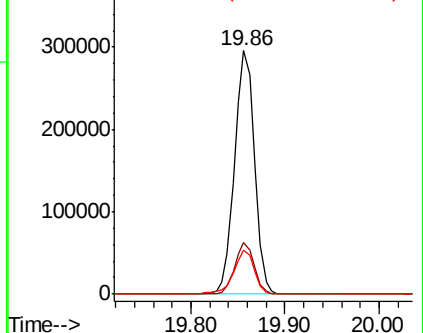
203 17.9 14.6 21.8

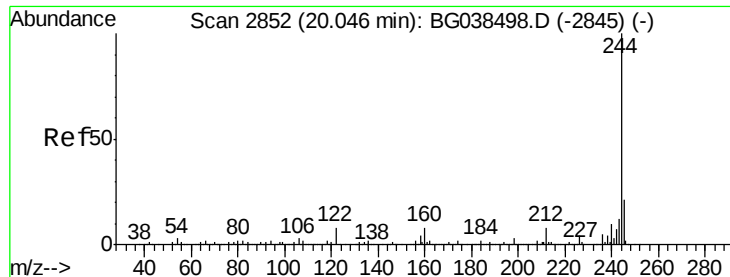


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.170 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

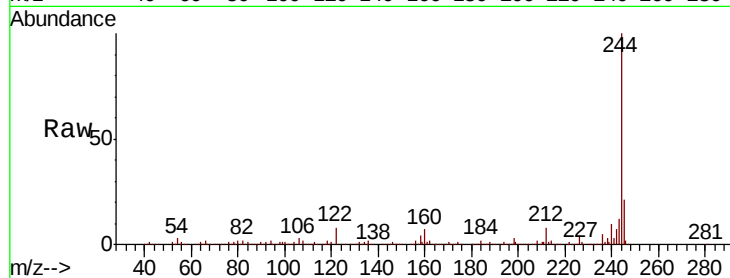
Tgt Ion:244 Resp: 611975

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

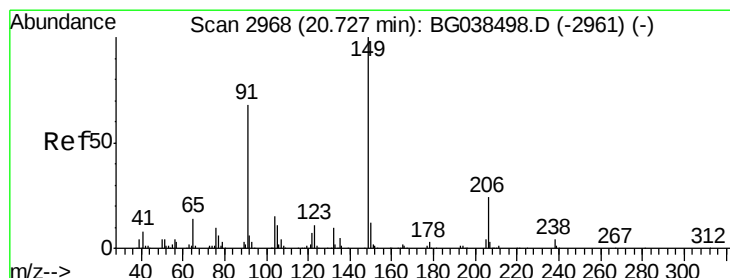
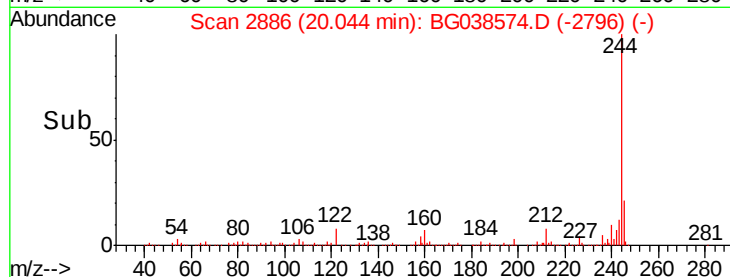
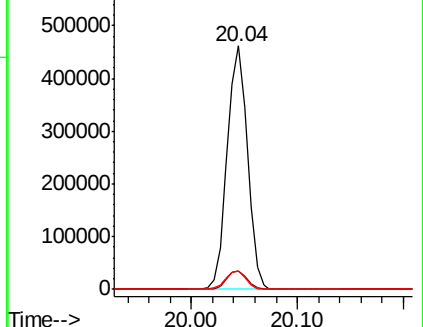
122 7.7 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.939 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

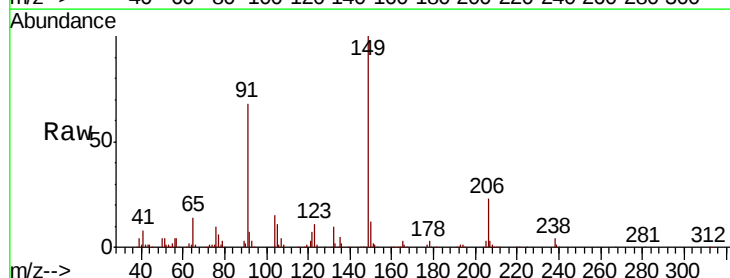
Tgt Ion:149 Resp: 173304

Ion Ratio Lower Upper

149 100

91 68.0 54.5 81.7

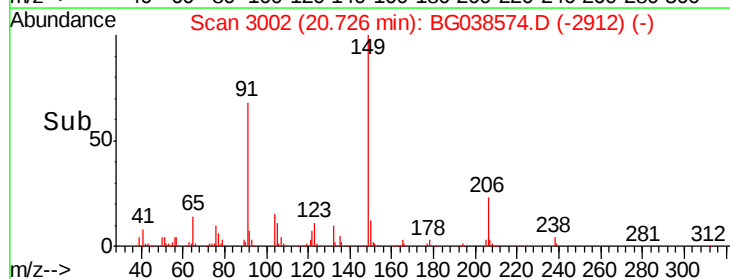
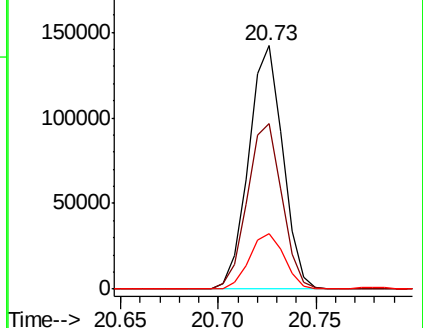
206 22.8 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.706 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

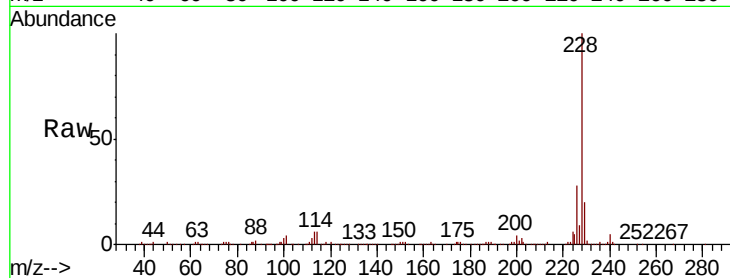
Tgt Ion:228 Resp: 416467

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

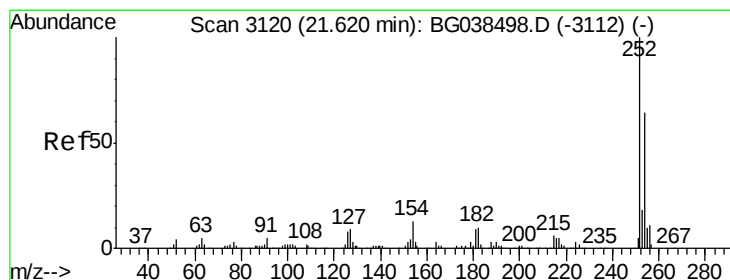
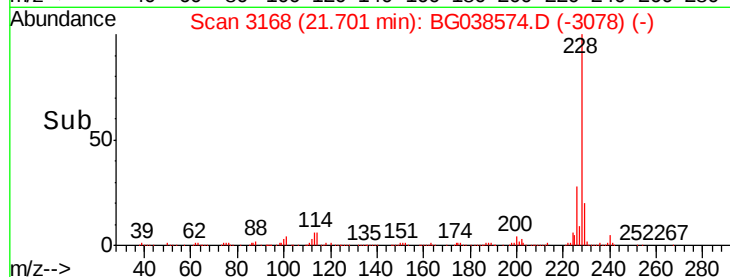
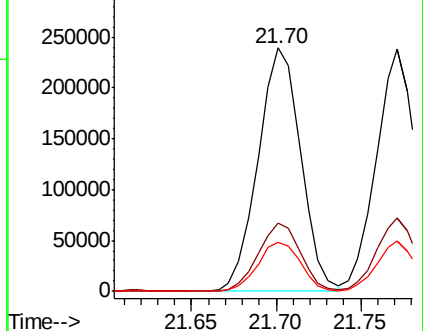
229 20.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.955 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

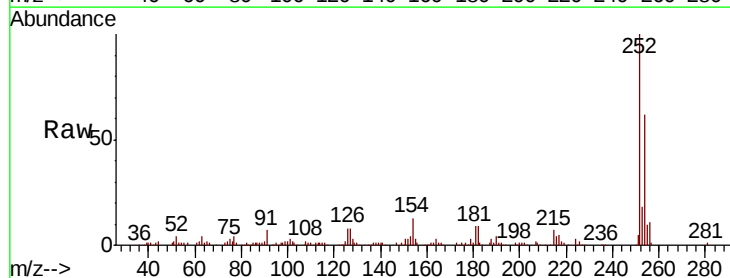
Tgt Ion:252 Resp: 105646

Ion Ratio Lower Upper

252 100

254 62.0 50.9 76.3

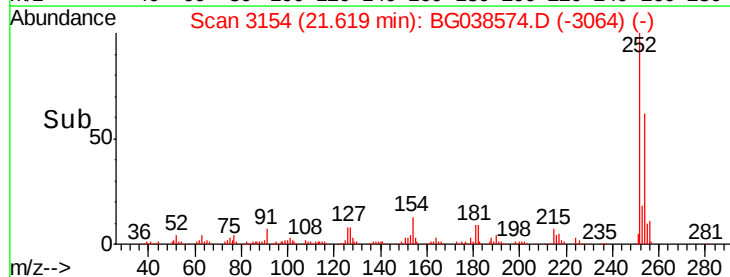
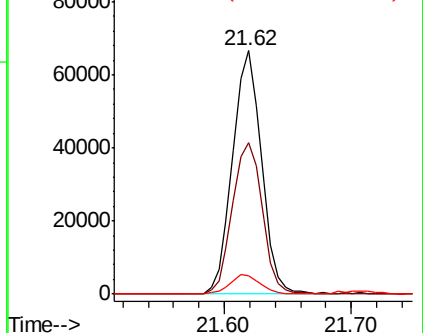
126 7.6 6.3 9.5

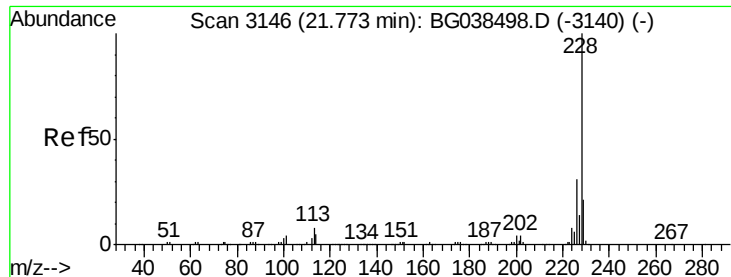


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.251 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

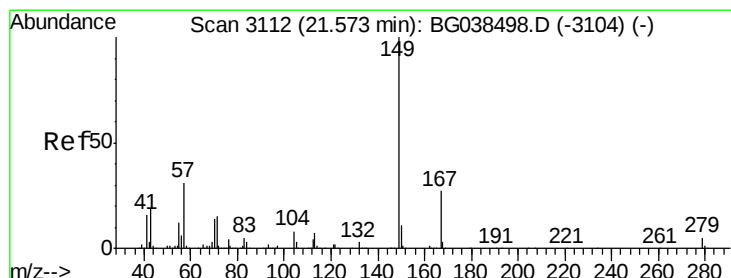
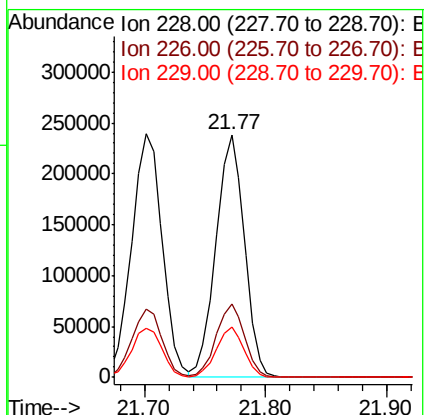
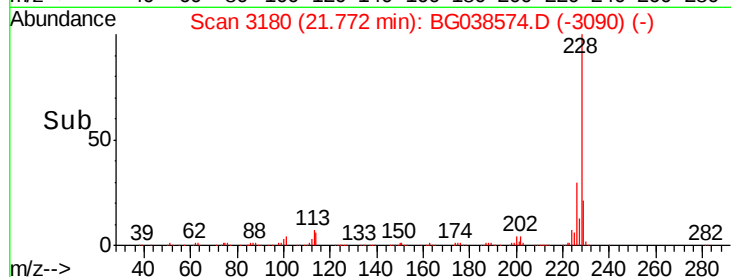
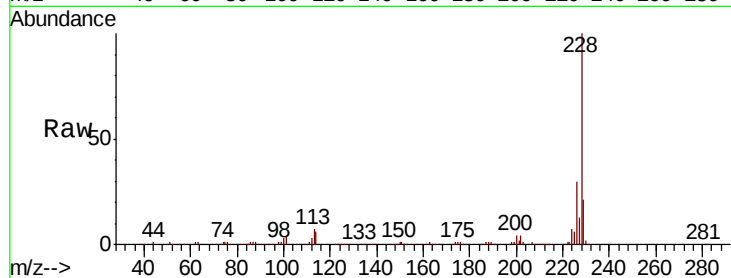
Tgt Ion:228 Resp: 387785

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.4

229 20.7 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.302 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

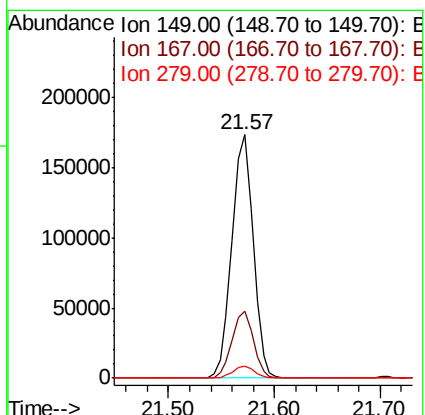
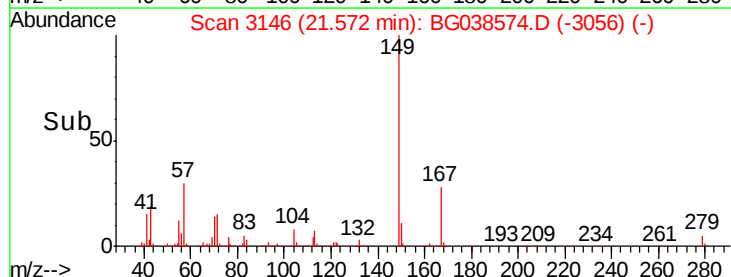
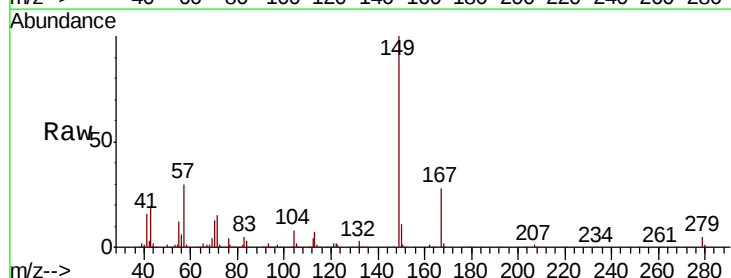
Tgt Ion:149 Resp: 242148

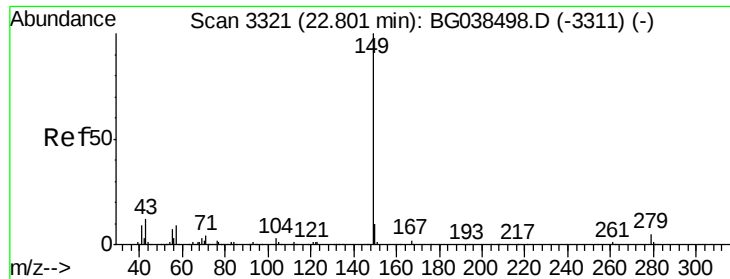
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 4.9 4.2 6.2

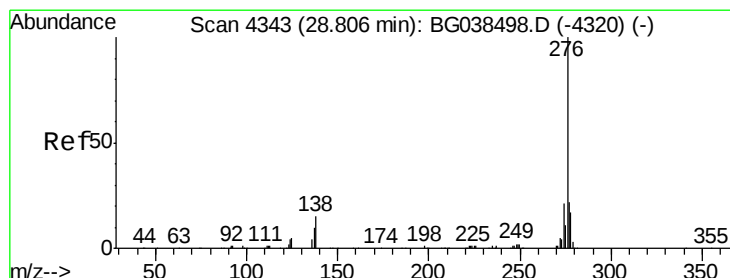
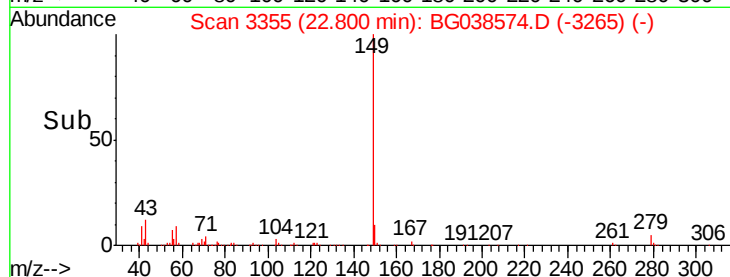
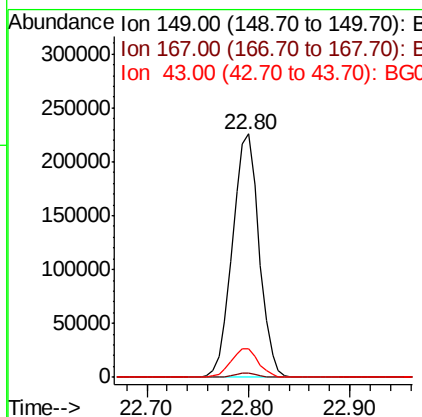
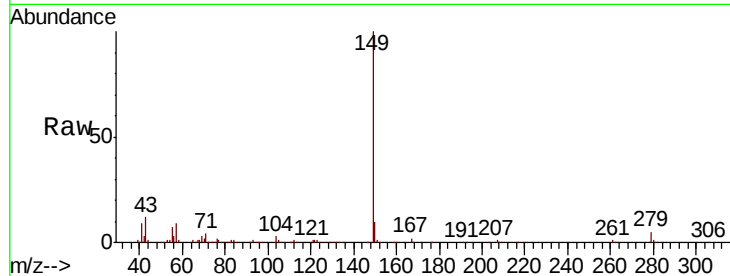




#85
 Di-n-octyl phthalate
 Concen: 43.032 ng
 RT: 22.80 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

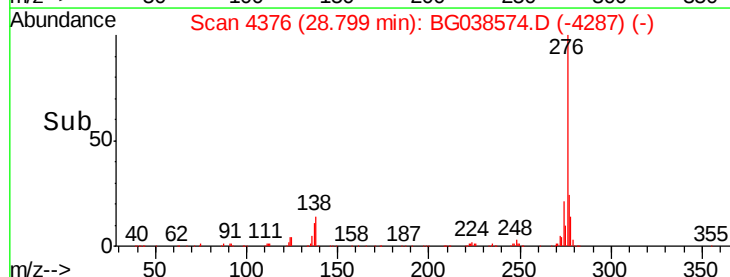
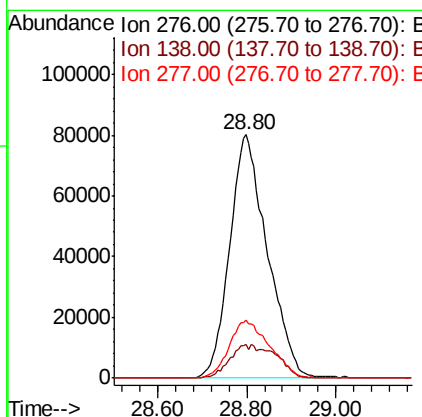
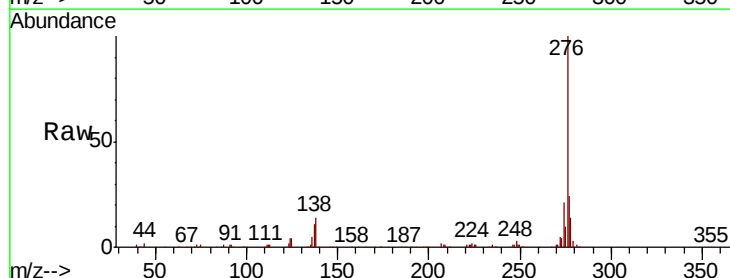
Instrument :
 BNA_G
 ClientSampleId :
 PB115331BS

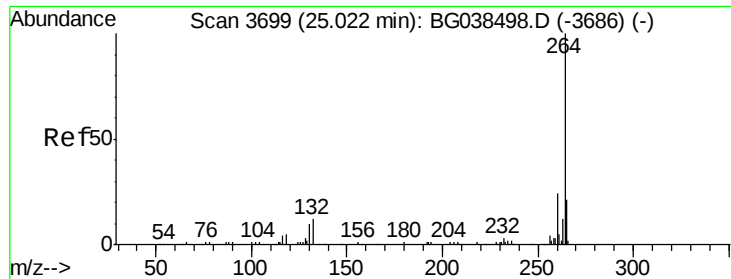
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.2	9.3	13.9



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.557 ng
 RT: 28.80 min Scan# 4376
 Delta R.T. -0.01 min
 Lab File: BG038574.D
 Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.3	14.4	21.6#
277	25.5	0.0	0.0#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

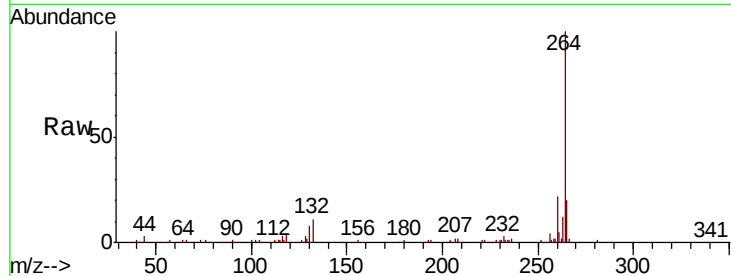
Tgt Ion:264 Resp: 169376

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 20.3 17.0 25.4

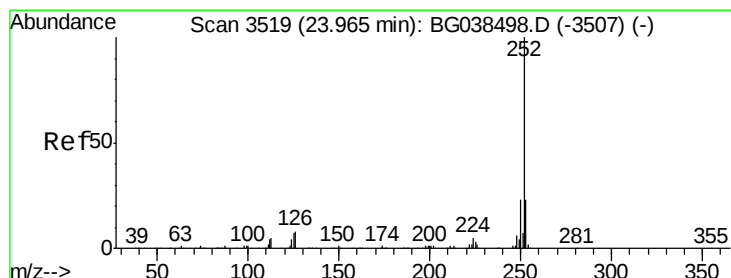
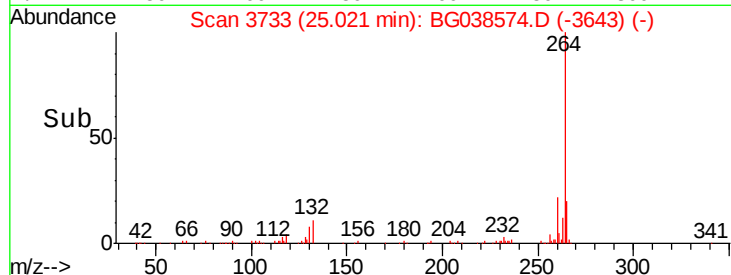
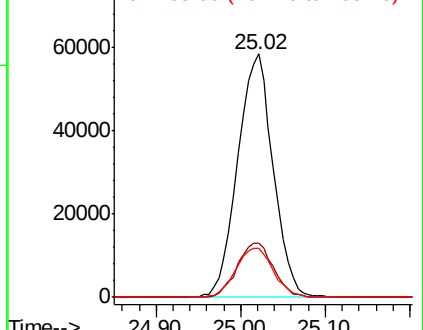


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.612 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

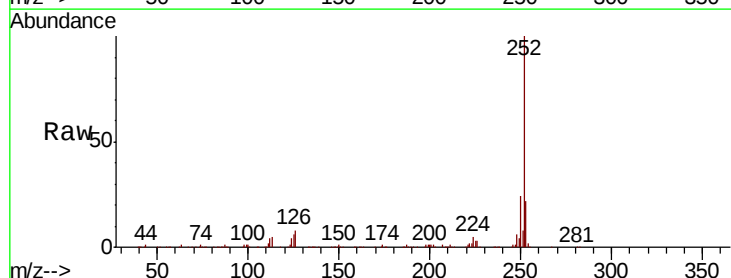
Tgt Ion:252 Resp: 414862

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 6.4 5.5 8.3

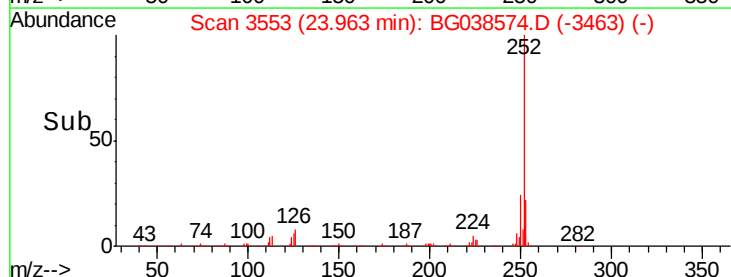
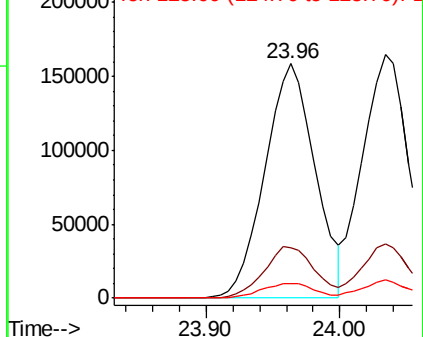


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.842 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

Instrument :

BNA_G

ClientSampleId :

PB115331BS

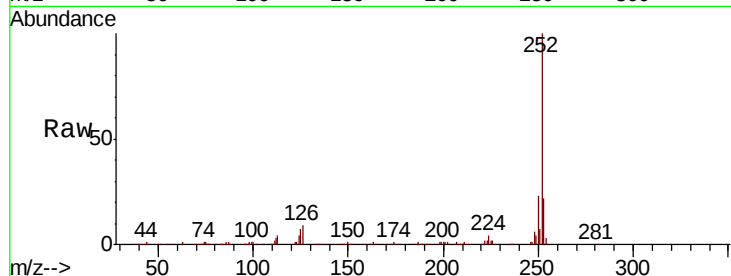
Tgt Ion:252 Resp: 396732

Ion Ratio Lower Upper

252 100

253 22.1 18.9 28.3

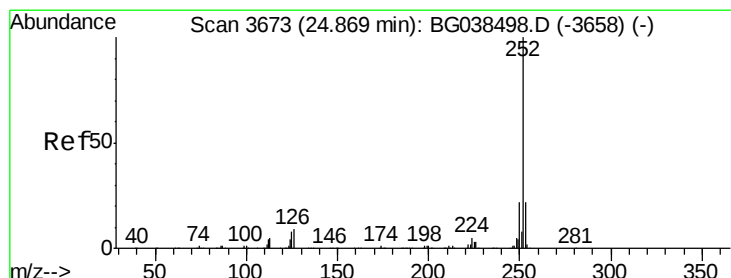
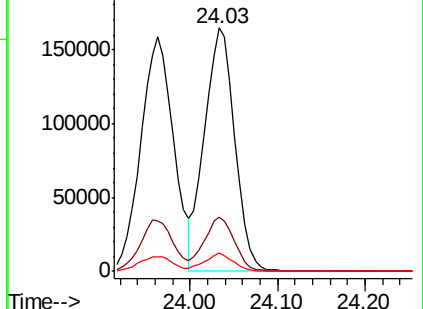
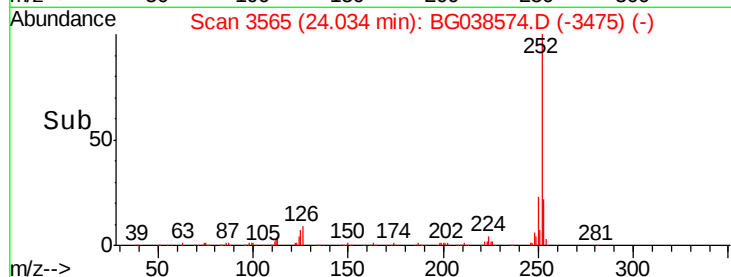
125 7.5 5.4 8.2



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



#90

Benzo(a)pyrene

Concen: 44.506 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038574.D

Acq: 14 Dec 2018 19:07

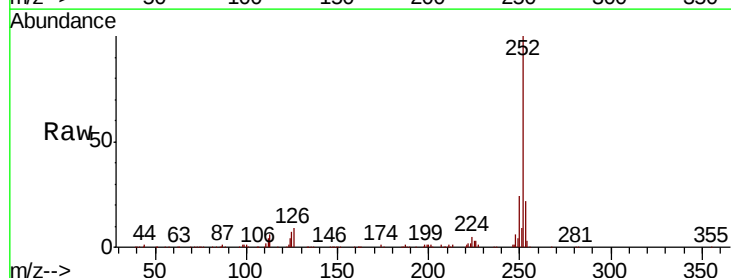
Tgt Ion:252 Resp: 399282

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

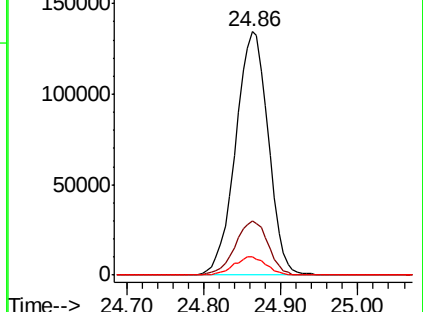
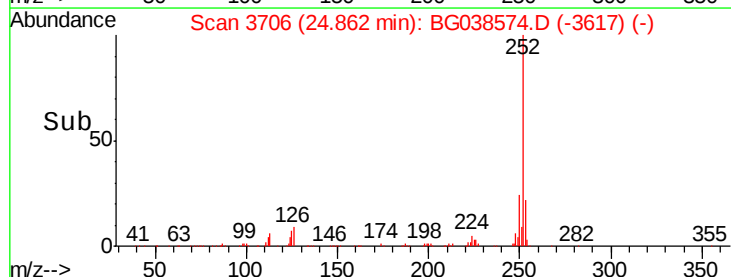
125 7.3 6.4 9.6

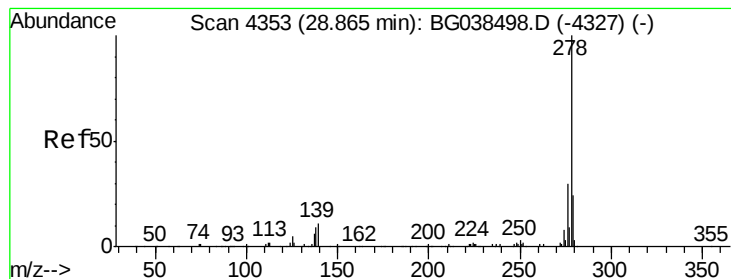


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

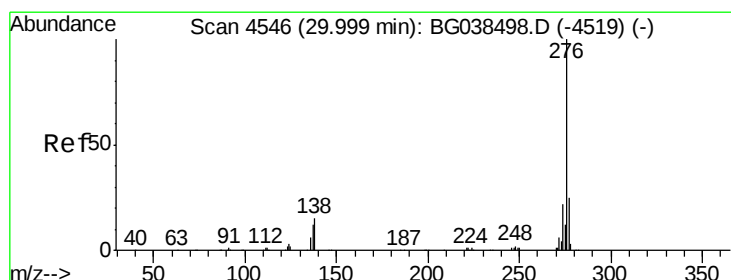
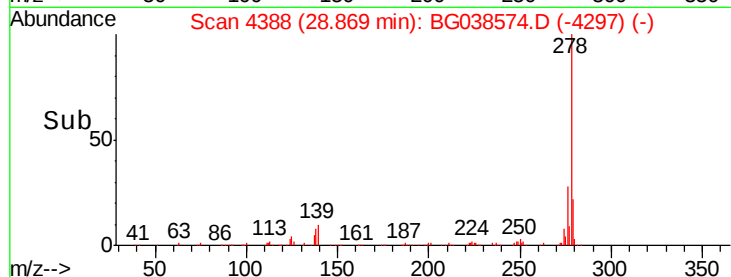
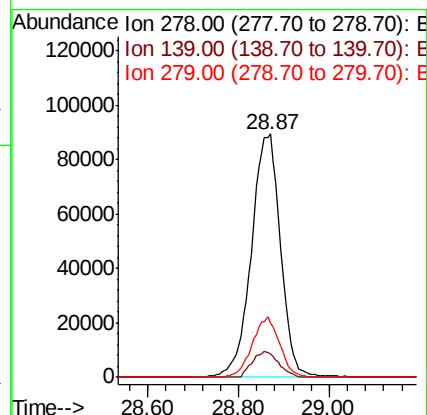
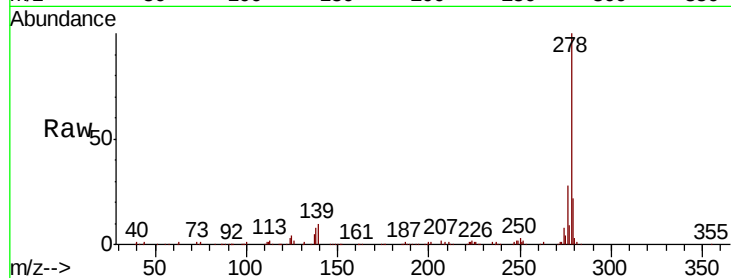




#91
Dibenzo(a,h)anthracene
Concen: 44.542 ng
RT: 28.87 min Scan# 4388
Delta R.T. 0.00 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Instrument :
BNA_G
ClientSampleId :
PB115331BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	8.6	12.8
279	22.5	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 44.025 ng
RT: 29.99 min Scan# 4578
Delta R.T. -0.01 min
Lab File: BG038574.D
Acq: 14 Dec 2018 19:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	12.9	11.8	17.6

