

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038346.D
 Acq On : 5 Dec 2018 5:08
 Operator : JU/SJ
 Sample : PB115253BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Quant Time: Dec 05 06:03:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29461	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	194500	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	84065	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	207707	20.00	ng	0.00
76) Chrysene-d12	21.74	240	199763	20.00	ng	0.00
87) Perylene-d12	25.05	264	214325	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	182129	109.40	ng	0.00
7) Phenol-d6	7.22	99	254572	105.80	ng	0.00
23) Nitrobenzene-d5	9.25	82	159834	40.80	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	107442	104.11	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	370611	62.82	ng	0.00
79) Terphenyl-d14	20.06	244	643855	69.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	19667	25.776	ng	# 85
3) Pyridine	3.90	79	87599	38.375	ng	98
4) n-Nitrosodimethylamine	3.83	42	43969	43.974	ng	97
6) Aniline	7.40	93	43662	14.207	ng	96
8) 2-Chlorophenol	7.63	128	74808	38.691	ng	98
9) Benzaldehyde	7.21	77	37526	24.629	ng	96
10) Phenol	7.25	94	96696	38.035	ng	90
11) bis(2-Chloroethyl)ether	7.49	93	67516	32.427	ng	98
12) 1,3-Dichlorobenzene	7.96	146	72191	31.946	ng	95
13) 1,4-Dichlorobenzene	8.11	146	76392	32.673	ng	98
14) 1,2-Dichlorobenzene	8.43	146	72116	31.844	ng	98
15) Benzyl Alcohol	8.31	79	73420	37.114	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153098	32.327	ng	96
17) 2-Methylphenol	8.50	107	67022	37.248	ng	96
18) Hexachloroethane	9.15	117	28691	33.999	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	58030	32.608	ng	95
20) 3+4-Methylphenols	8.83	107	91092	35.566	ng	97
22) Acetophenone	8.90	105	108724	21.987	ng	# 92
24) Nitrobenzene	9.29	77	87887	22.081	ng	96
25) Isophorone	9.80	82	165982	24.109	ng	# 98
26) 2-Nitrophenol	10.00	139	42042	22.797	ng	90
27) 2,4-Dimethylphenol	10.04	122	76620	28.925	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	96452	24.438	ng	99
29) 2,4-Dichlorophenol	10.53	162	80040	26.471	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	119795	33.749	ng	99
31) Naphthalene	10.94	128	339494	36.541	ng	99
32) Benzoic acid	10.18	122	36905	22.437	ng	99
33) 4-Chloroaniline	11.06	127	25850	6.285	ng	96
34) Hexachlorobutadiene	11.20	225	62056	27.945	ng	95
35) Caprolactam	11.84	113	20568	16.449	ng	# 87
36) 4-Chloro-3-methylphenol	12.16	107	89444	26.623	ng	96
37) 2-Methylnaphthalene	12.54	142	174522	26.377	ng	97
38) 1-Methylnaphthalene	12.76	142	165344	26.092	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	93346	32.270	ng	98

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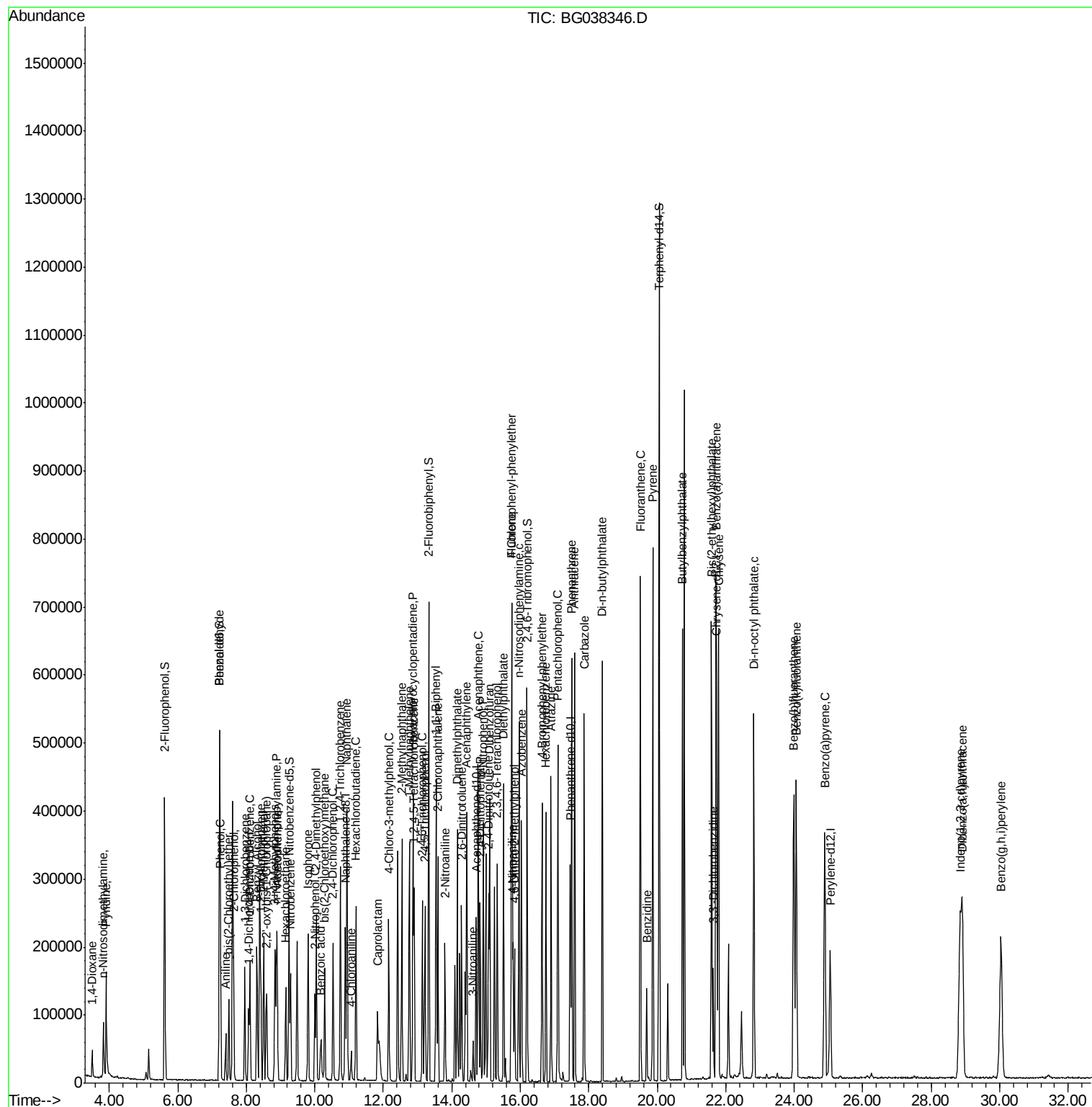
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	131043	82.436	ng	100
43) 2,4,6-Trichlorophenol	13.14	196	68621	36.621	ng	98
44) 2,4,5-Trichlorophenol	13.22	196	77014	38.796	ng	94
46) 1,1'-Biphenyl	13.54	154	230670	32.462	ng	98
47) 2-Chloronaphthalene	13.59	162	180527	33.667	ng	98
48) 2-Nitroaniline	13.80	65	64421	35.811	ng	97
49) Acenaphthylene	14.43	152	304867	37.751	ng	98
50) Dimethylphthalate	14.16	163	250366	37.131	ng	98
51) 2,6-Dinitrotoluene	14.29	165	56004	36.360	ng	97
52) Acenaphthene	14.77	154	173858	35.314	ng	99
53) 3-Nitroaniline	14.62	138	16173	9.750	ng #	89
54) 2,4-Dinitrophenol	14.83	184	63800	75.564	ng #	80
55) Dibenzofuran	15.11	168	286360	35.183	ng	97
56) 4-Nitrophenol	14.92	139	97431	74.353	ng #	82
57) 2,4-Dinitrotoluene	15.07	165	80092	37.702	ng	97
58) Fluorene	15.76	166	232893	38.839	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	69819	40.496	ng	97
60) Diethylphthalate	15.51	149	262915	35.195	ng	97
61) 4-Chlorophenyl-phenylether	15.74	204	124467	34.557	ng	99
62) 4-Nitroaniline	15.79	138	58079	35.597	ng	91
63) Azobenzene	16.03	77	234910	35.932	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	48013	35.280	ng	94
66) n-Nitrosodiphenylamine	15.96	169	215742	36.937	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	81341	36.264	ng	95
68) Hexachlorobenzene	16.75	284	84179	36.385	ng	97
69) Atrazine	16.90	200	84233	38.649	ng	98
70) Pentachlorophenol	17.10	266	100651	63.516	ng	96
71) Phenanthrene	17.50	178	403918	38.831	ng	98
72) Anthracene	17.59	178	418505	41.546	ng	99
73) Carbazole	17.86	167	380373	38.046	ng	99
74) Di-n-butylphthalate	18.39	149	456416	39.078	ng	98
75) Fluoranthene	19.50	202	491084	40.409	ng	98
77) Benzidine	19.69	184	87770	13.020	ng	100
78) Pyrene	19.87	202	500599	35.816	ng	97
80) Butylbenzylphthalate	20.74	149	205263	36.513	ng	99
81) Benzo(a)anthracene	21.72	228	470253	38.302	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	61423	12.860	ng	96
83) Chrysene	21.79	228	434230	37.374	ng	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	283690	35.604	ng	99
85) Di-n-octyl phthalate	22.82	149	490269	35.884	ng	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	521609	39.503	ng	99
88) Benzo(b)fluoranthene	23.99	252	457912	37.812	ng	99
89) Benzo(k)fluoranthene	24.06	252	445444	36.932	ng	99
90) Benzo(a)pyrene	24.89	252	445518	37.927	ng	97
91) Dibenzo(a,h)anthracene	28.90	278	432723	38.841	ng	98
92) Benzo(g,h,i)perylene	30.04	276	434930	39.348	ng	95

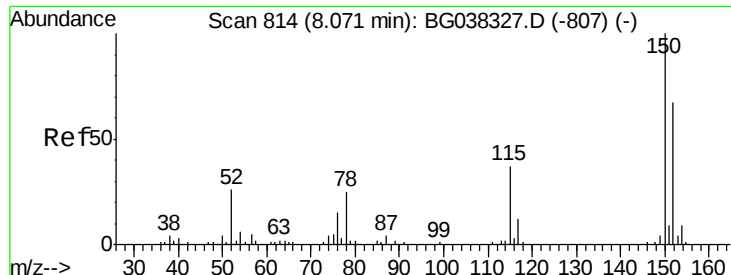
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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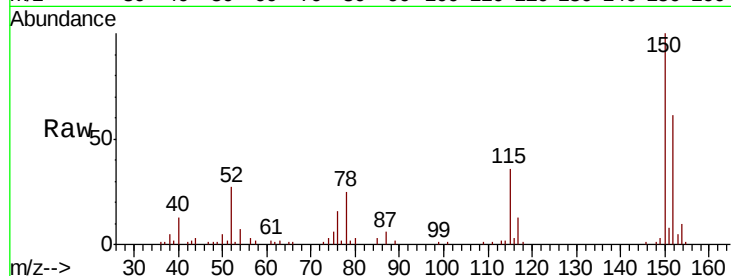


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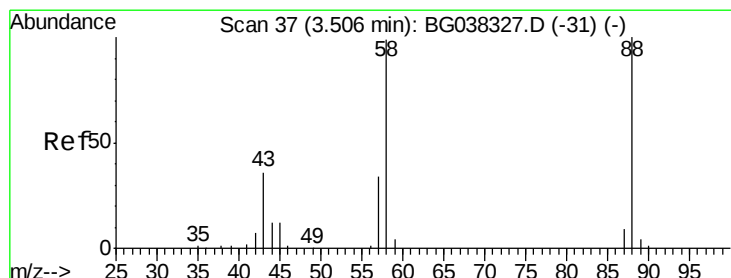
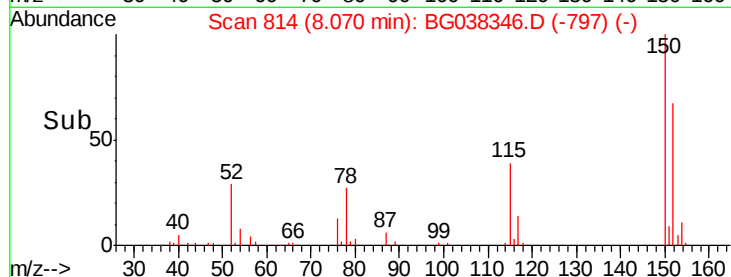
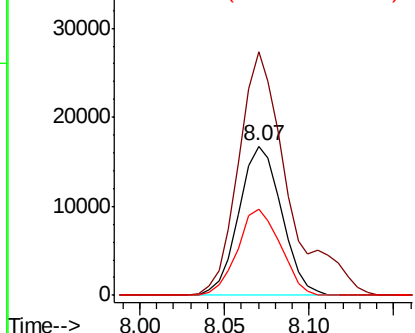
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:152 Resp: 29461
Ion Ratio Lower Upper
152 100
150 162.8 126.0 189.0
115 58.0 45.5 68.3



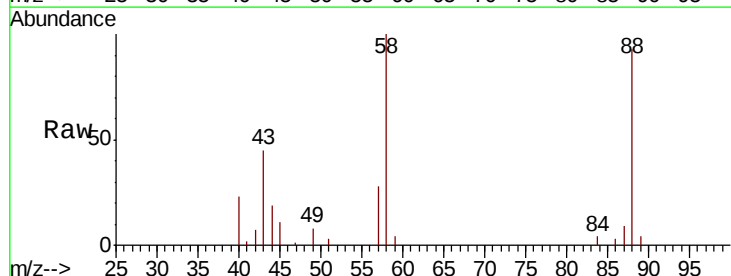
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



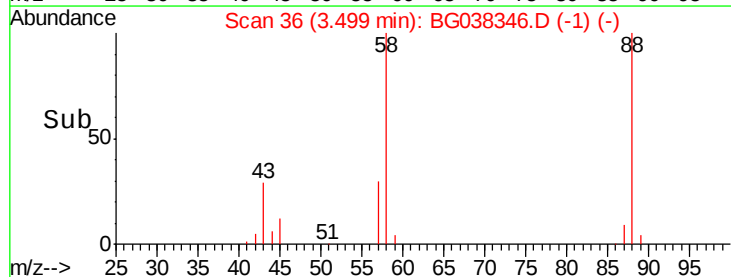
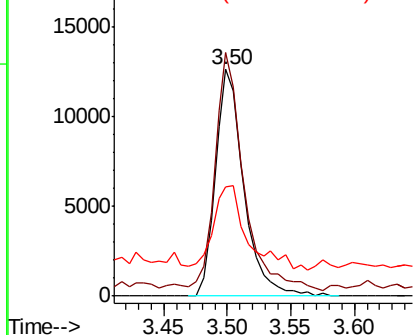
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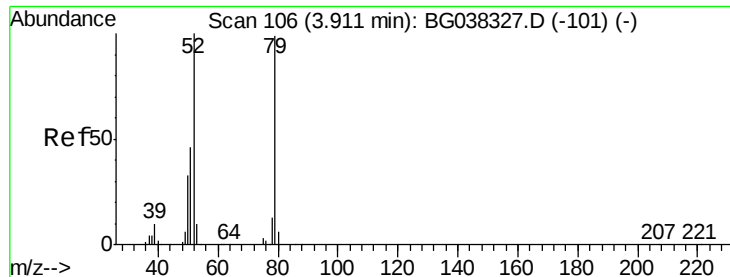
1,4-Dioxane
Concen: 25.776 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion: 88 Resp: 19667
Ion Ratio Lower Upper
88 100
58 105.6 74.4 111.6
43 43.9 25.8 38.8#



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





#3

Pyridine

Concen: 38.375 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

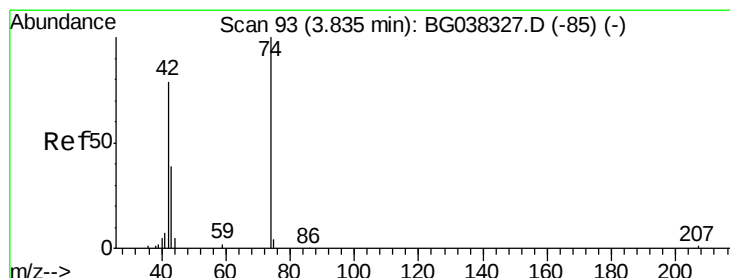
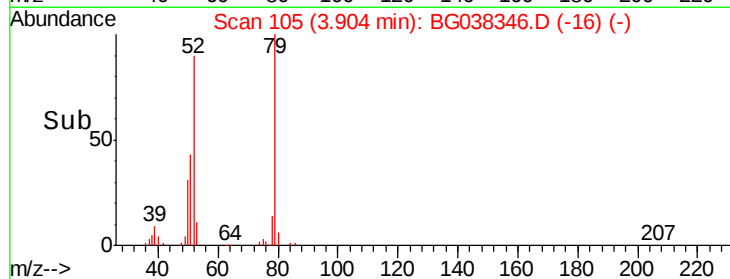
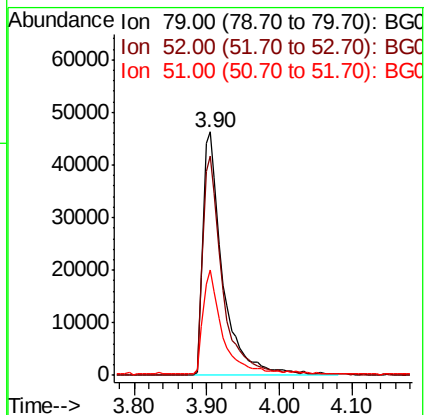
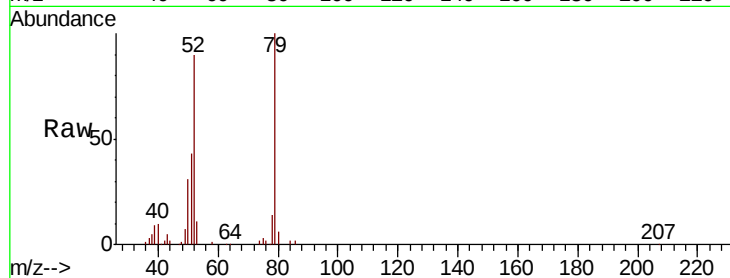
Tgt Ion: 79 Resp: 87599

Ion Ratio Lower Upper

79 100

52 90.3 74.2 111.2

51 43.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 43.974 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

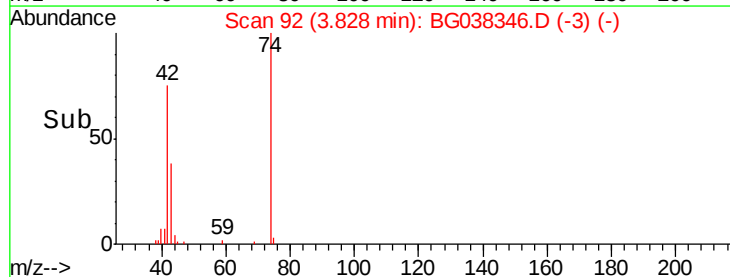
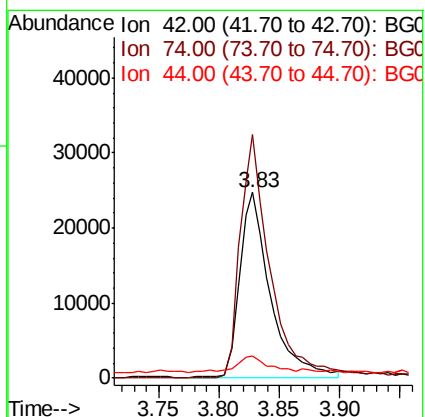
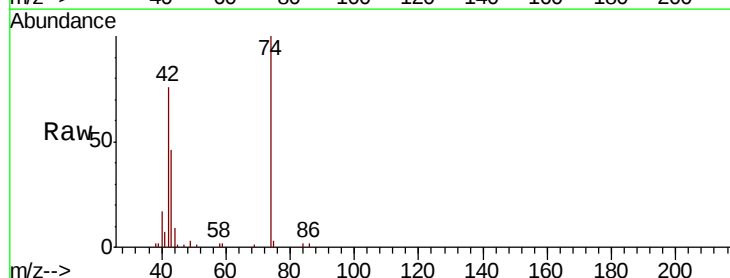
Tgt Ion: 42 Resp: 43969

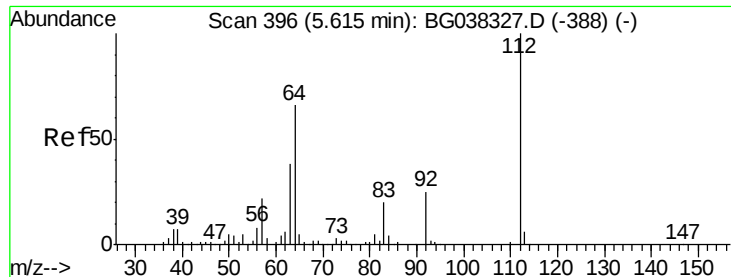
Ion Ratio Lower Upper

42 100

74 131.2 102.0 153.0

44 12.2 9.6 14.4





#5

2-Fluorophenol

Concen: 109.400 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

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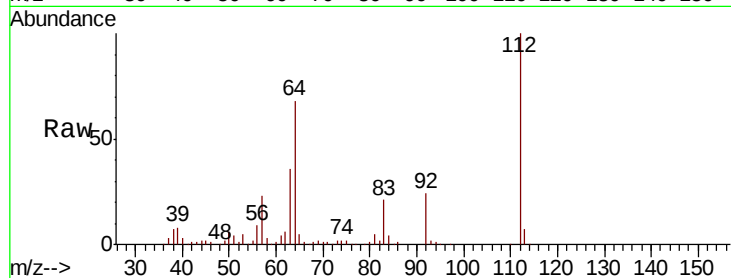
Tgt Ion: 112 Resp: 182129

Ion Ratio Lower Upper

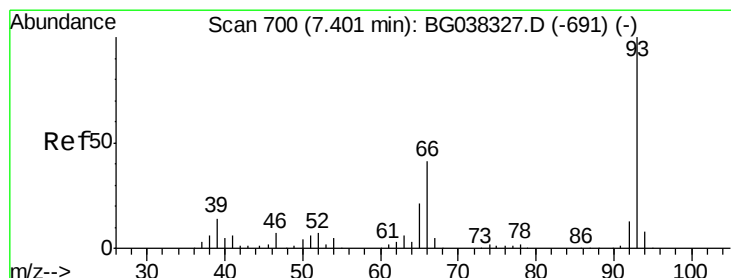
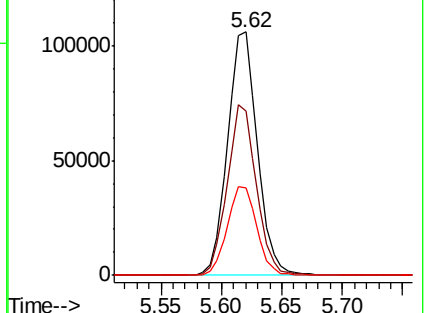
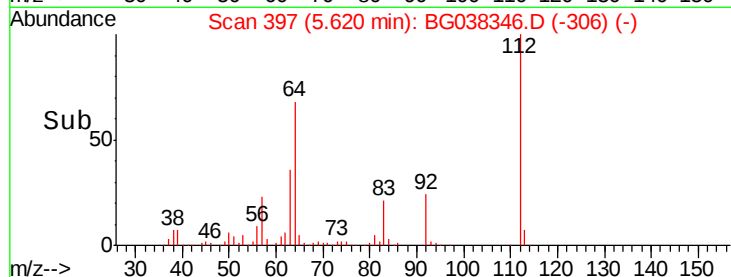
112 100

64 67.7 53.1 79.7

63 35.9 27.3 40.9



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



#6

Aniline

Concen: 14.207 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

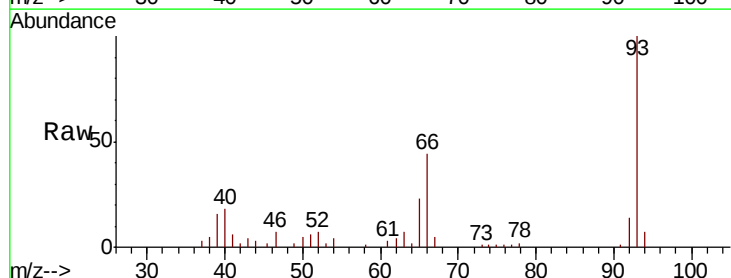
Tgt Ion: 93 Resp: 43662

Ion Ratio Lower Upper

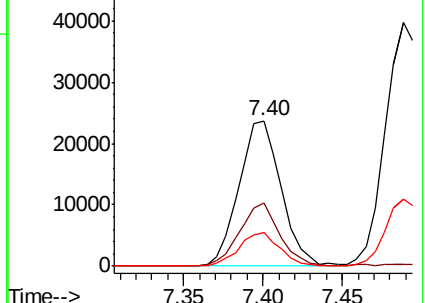
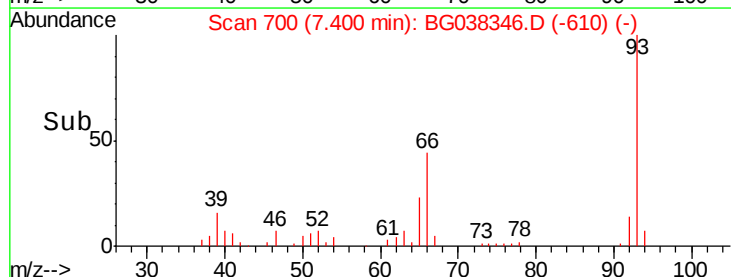
93 100

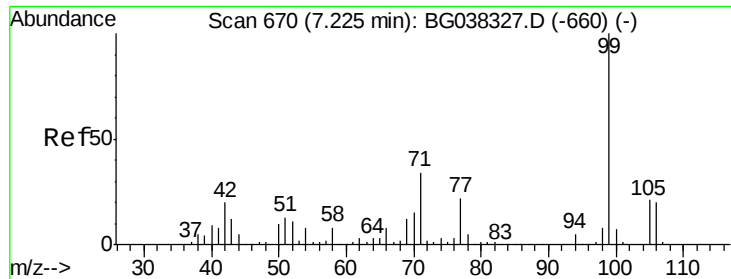
66 43.5 32.8 49.2

65 22.8 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.799 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

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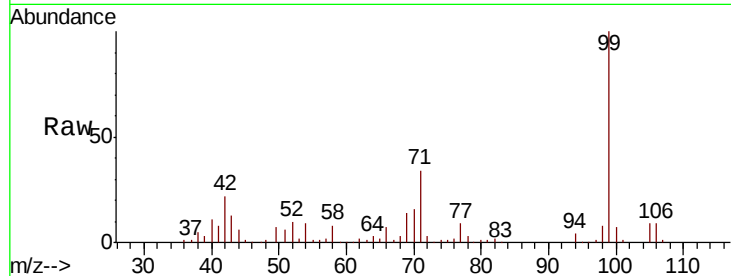
Tgt Ion: 99 Resp: 254572

Ion Ratio Lower Upper

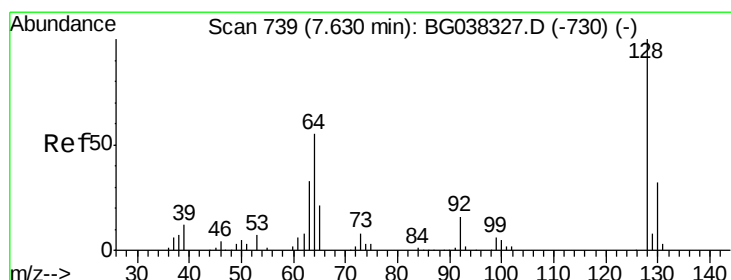
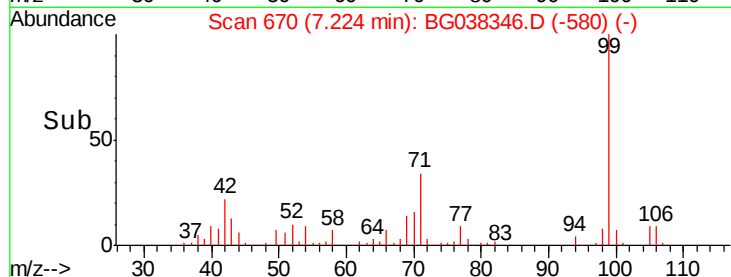
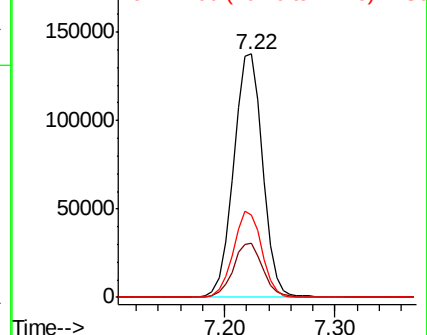
99 100

42 22.1 15.0 22.4

71 33.7 25.5 38.3



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



#8

2-Chlorophenol

Concen: 38.691 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

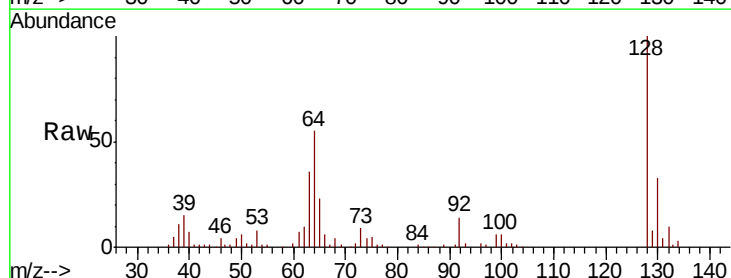
Tgt Ion: 128 Resp: 74808

Ion Ratio Lower Upper

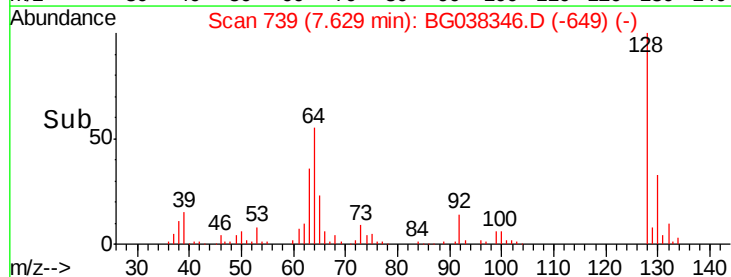
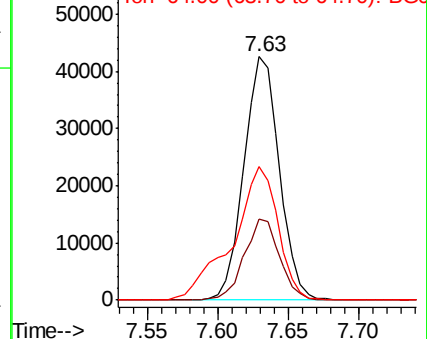
128 100

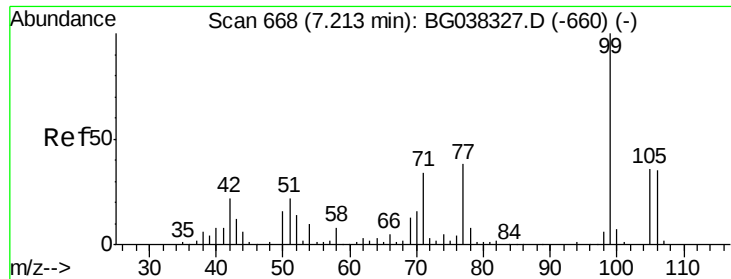
130 33.2 12.0 52.0

64 54.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 24.629 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

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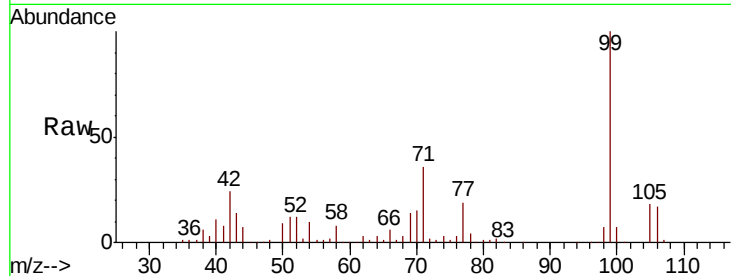
Tgt Ion: 77 Resp: 37526

Ion Ratio Lower Upper

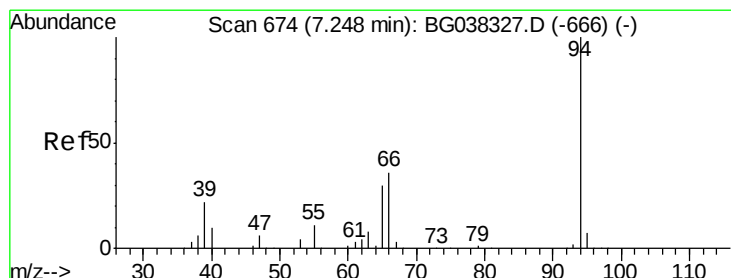
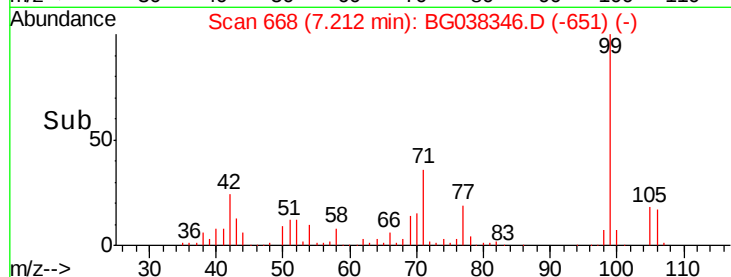
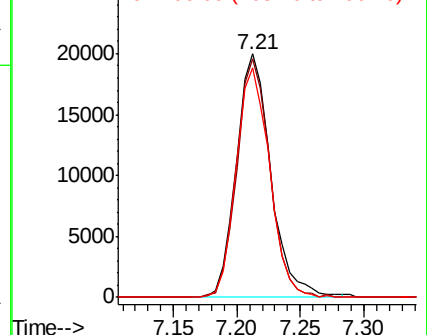
77 100

105 98.2 72.6 112.6

106 94.1 71.3 111.3



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



#10

Phenol

Concen: 38.035 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

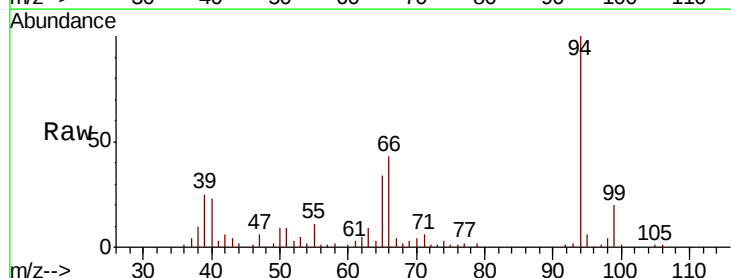
Tgt Ion: 94 Resp: 96696

Ion Ratio Lower Upper

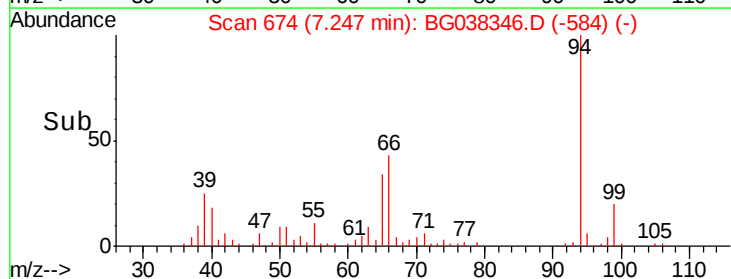
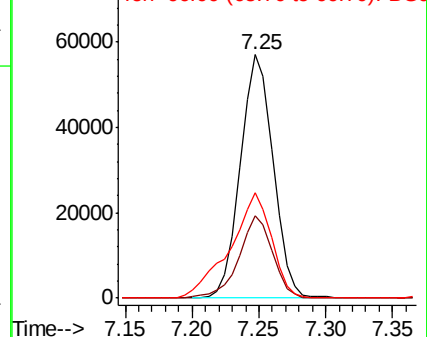
94 100

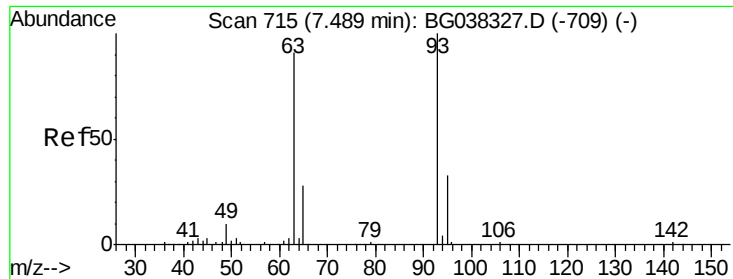
65 33.7 9.7 49.7

66 43.3 15.9 55.9



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

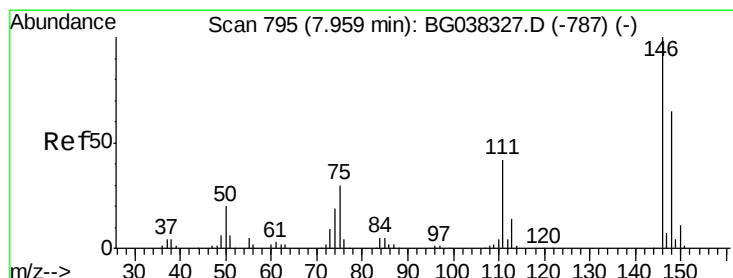
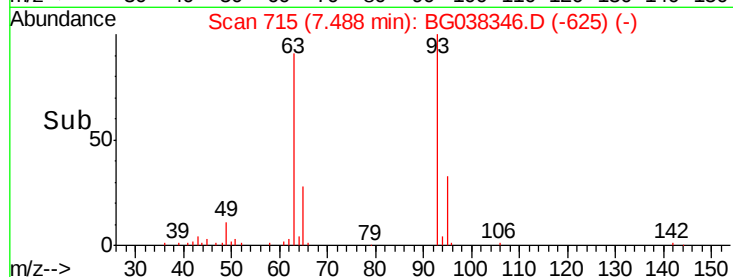
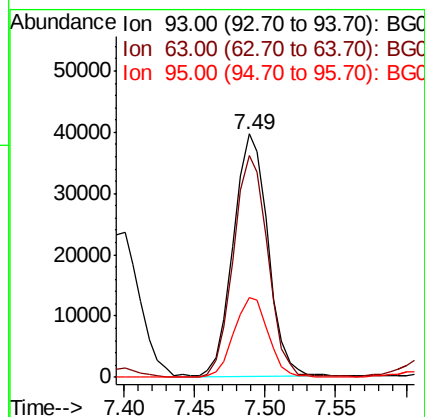
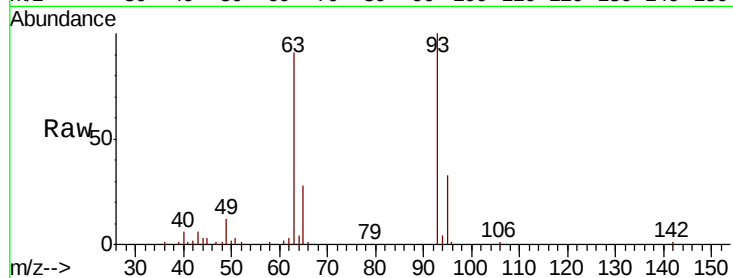




#11
bis(2-Chloroethyl)ether
Concen: 32.427 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

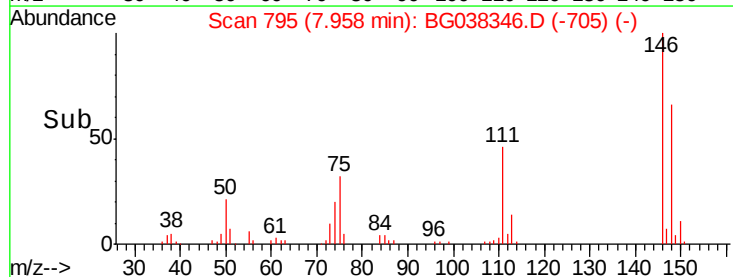
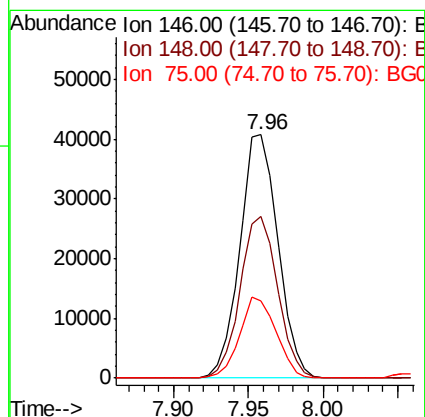
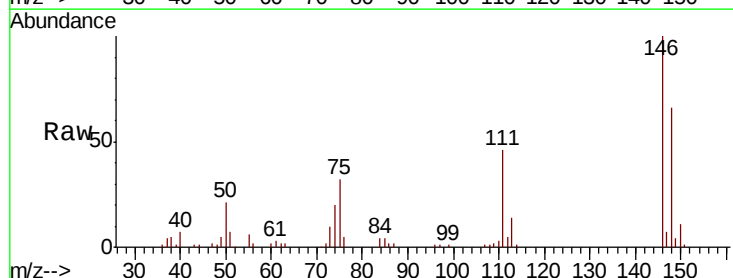
Instrument :
BNA_G
ClientSampleId :
PB115253BS

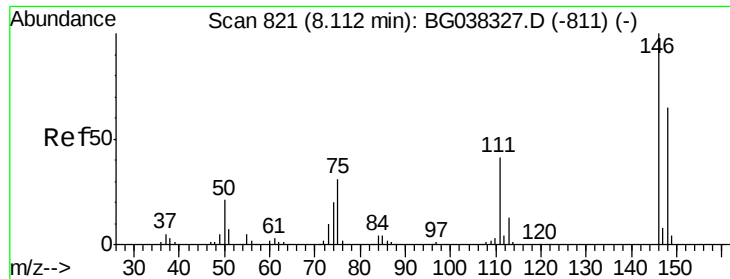
Tgt Ion: 93 Resp: 67516
Ion Ratio Lower Upper
93 100
63 91.4 69.5 109.5
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 31.946 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion: 146 Resp: 72191
Ion Ratio Lower Upper
146 100
148 66.2 49.8 74.8
75 31.6 23.2 34.8

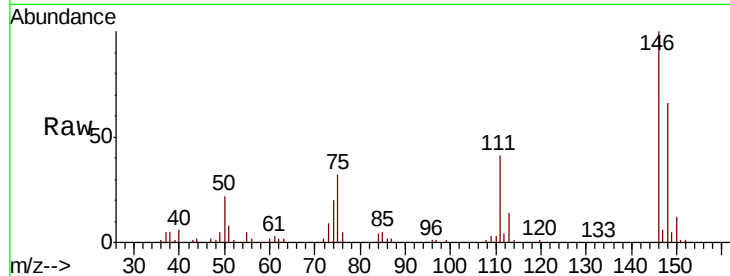




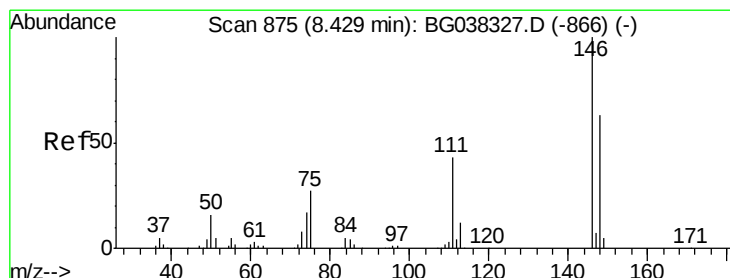
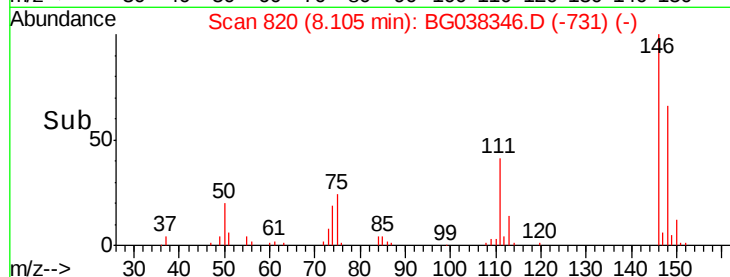
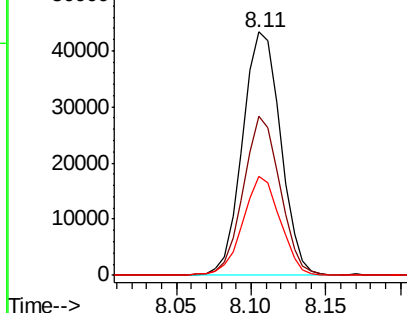
#13
 1,4-Dichlorobenzene
 Concen: 32.673 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion:146 Resp: 76392
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.0 76.6
 111 40.9 32.4 48.6

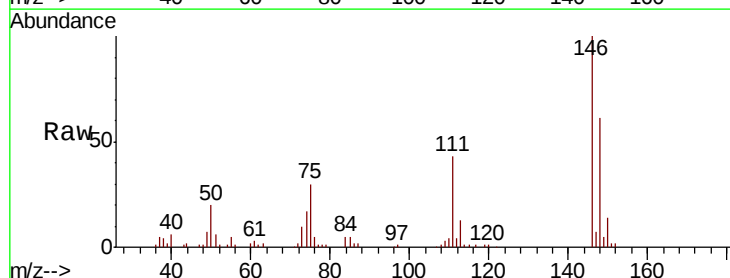


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

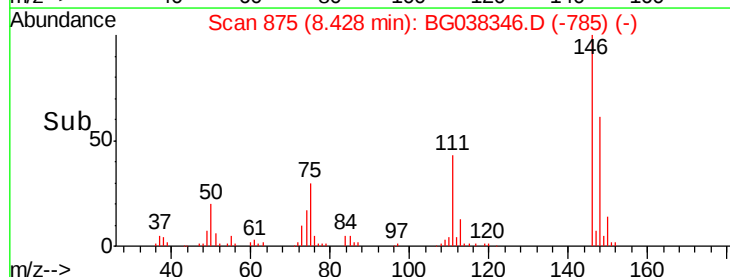
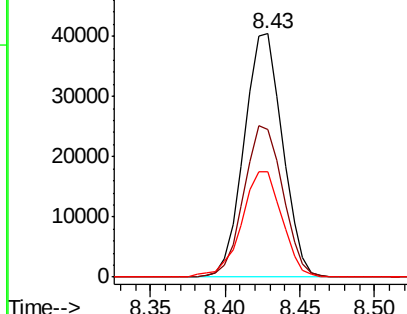


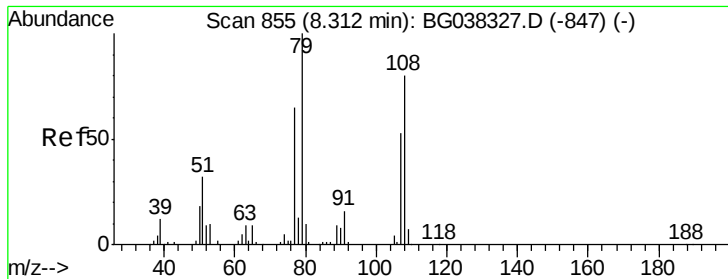
#14
 1,2-Dichlorobenzene
 Concen: 31.844 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:146 Resp: 72116
 Ion Ratio Lower Upper
 146 100
 148 60.5 50.4 75.6
 111 43.2 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.114 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

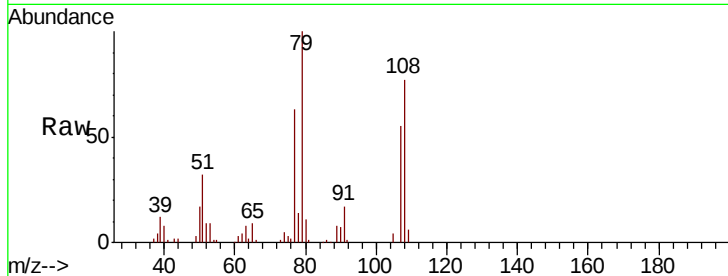
Tgt Ion: 79 Resp: 73420

Ion Ratio Lower Upper

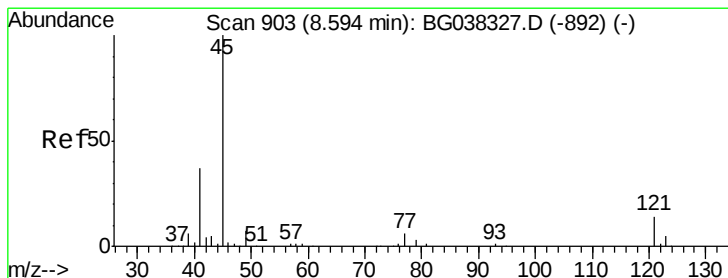
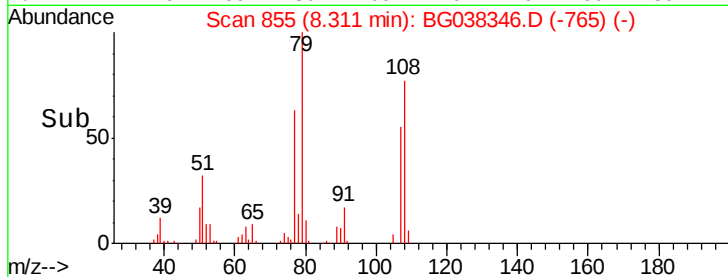
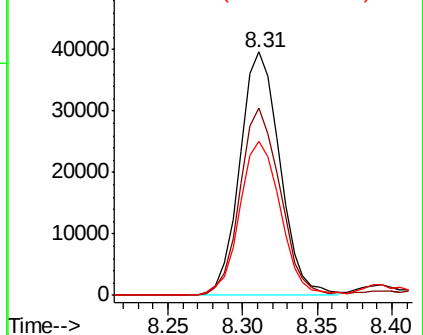
79 100

108 77.0 65.8 98.8

77 63.5 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.327 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

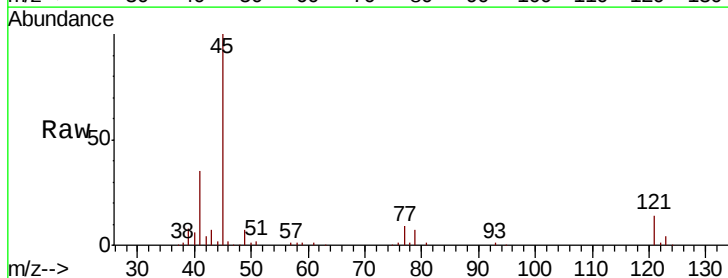
Tgt Ion: 45 Resp: 153098

Ion Ratio Lower Upper

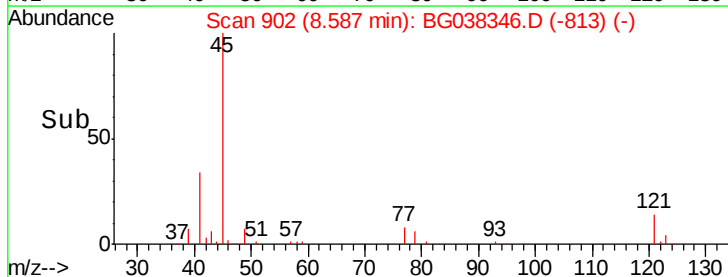
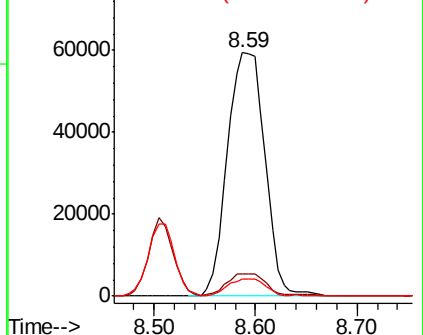
45 100

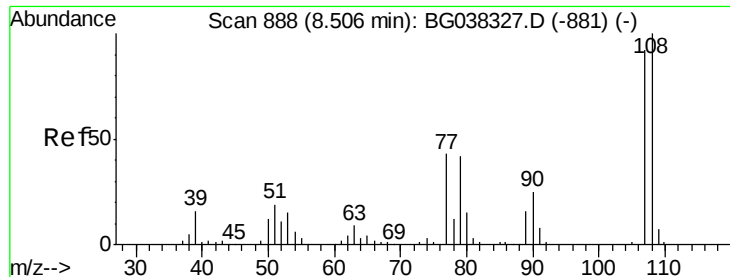
77 9.0 0.0 30.0

79 7.2 0.0 29.0



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

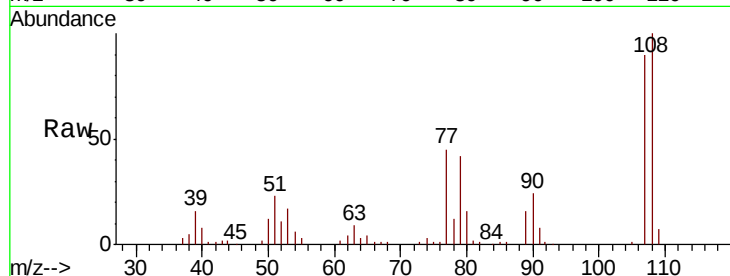




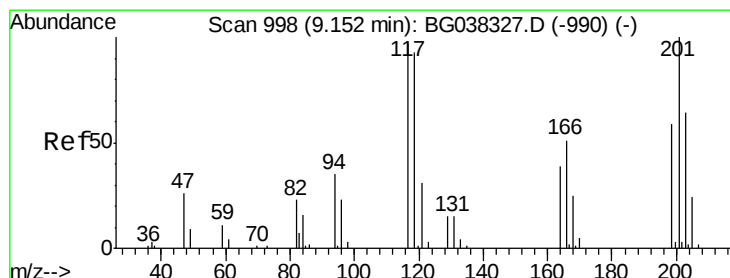
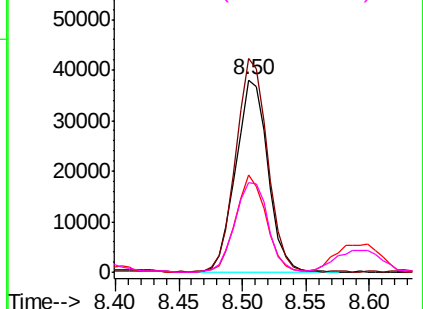
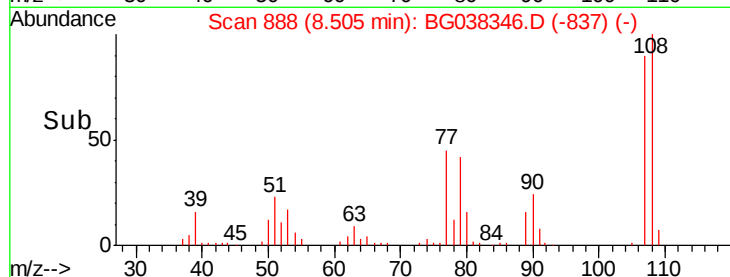
#17
2-Methylphenol
Concen: 37.248 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:107 Resp: 67022
Ion Ratio Lower Upper
107 100
108 111.2 87.9 131.9
77 50.6 35.1 52.7
79 46.7 34.5 51.7

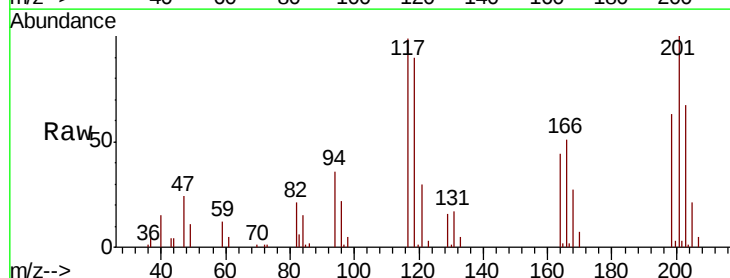


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

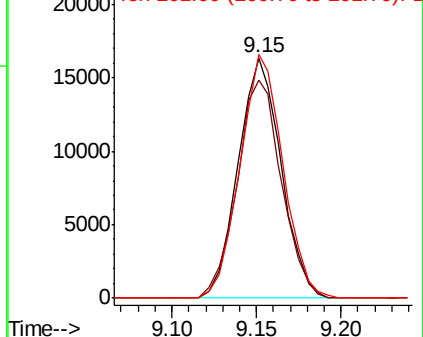
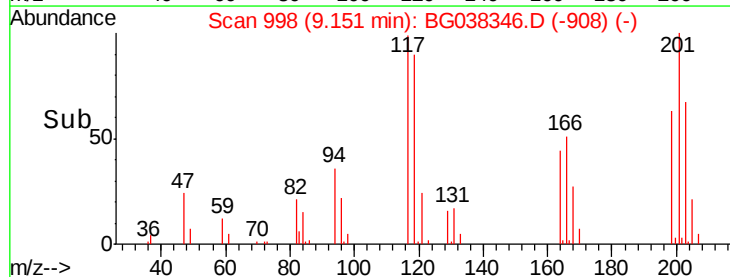


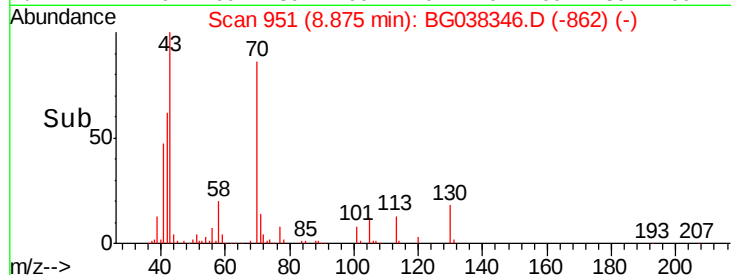
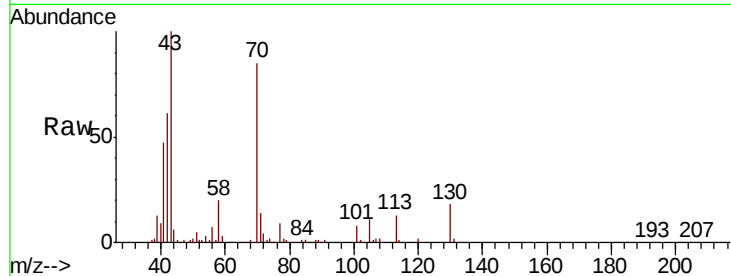
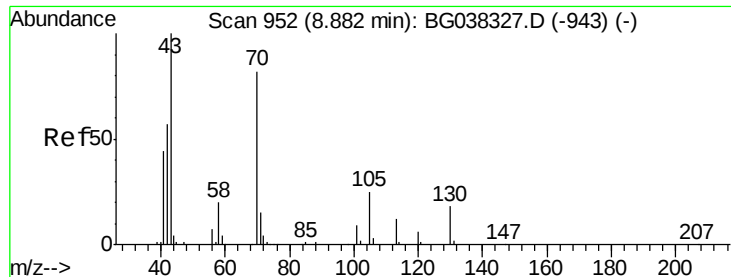
#18
Hexachloroethane
Concen: 33.999 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:117 Resp: 28691
Ion Ratio Lower Upper
117 100
119 91.1 74.6 111.8
201 101.4 80.8 121.2



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

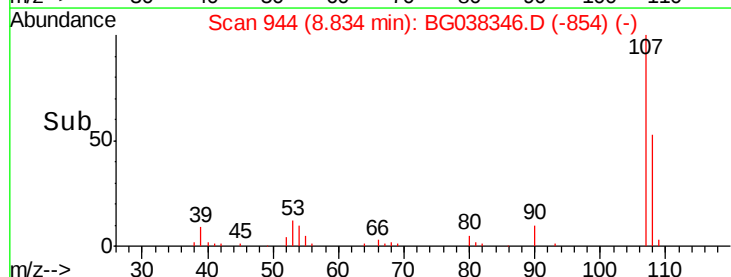
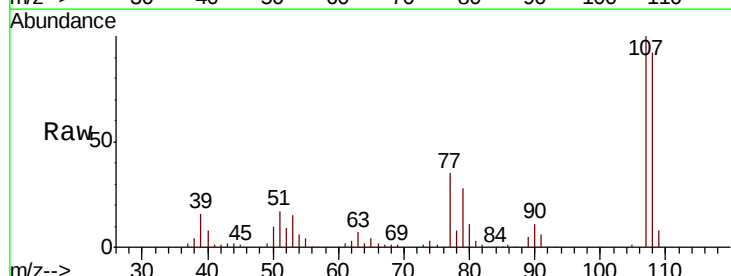
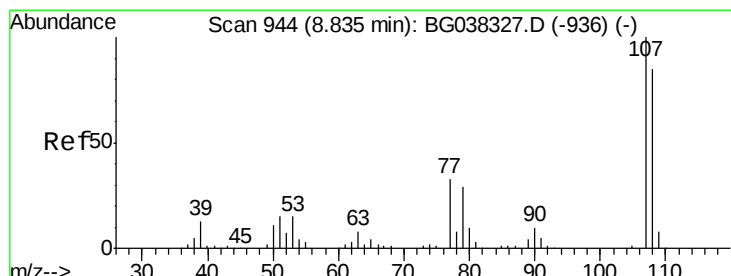
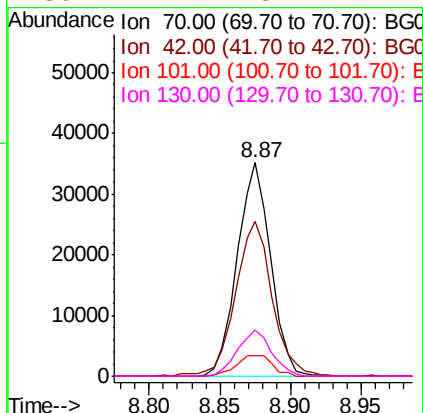




#19
n-Nitroso-di-n-propylamine
Concen: 32.608 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

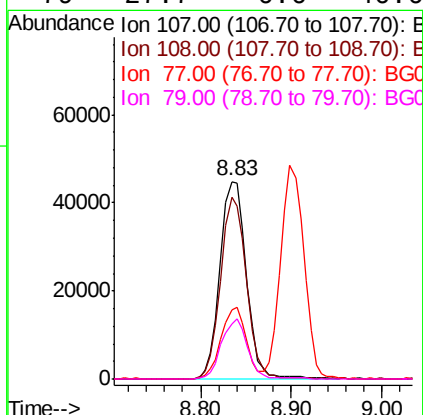
Instrument :
BNA_G
ClientSampleId :
PB115253BS

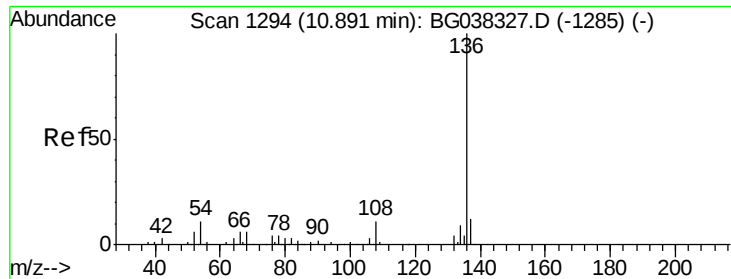
Tgt Ion:	70	Resp:	58030
Ion	Ratio	Lower	Upper
70	100		
42	72.2	53.9	80.9
101	9.4	8.2	12.2
130	21.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 35.566 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:	107	Resp:	91092
Ion	Ratio	Lower	Upper
107	100		
108	92.4	69.9	109.9
77	34.9	11.2	51.2
79	27.7	6.6	46.6

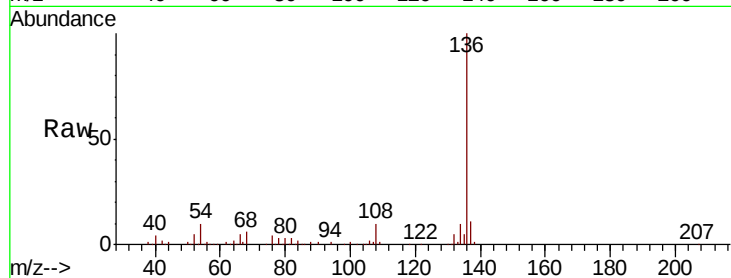




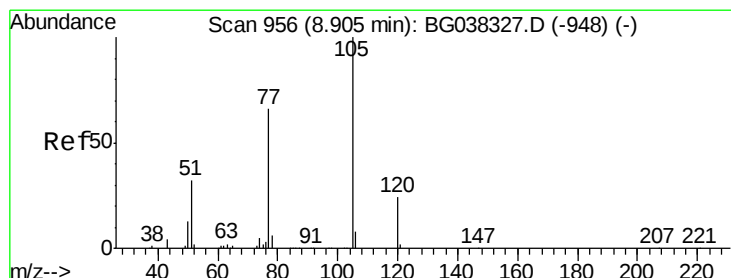
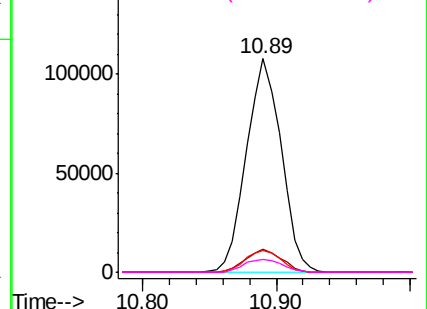
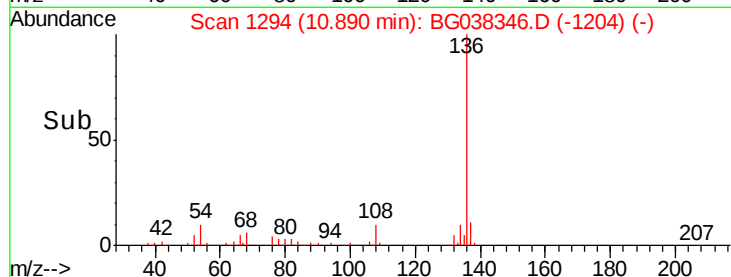
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:	136	Resp:	194500
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.3	7.9	11.9
68	6.2	4.8	7.2

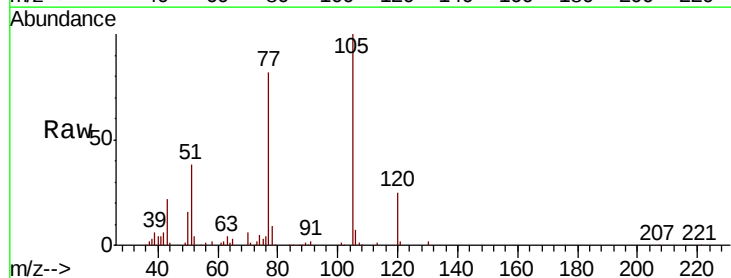


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

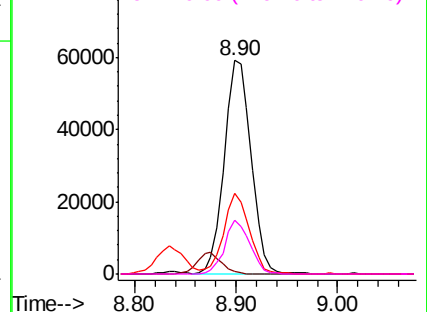
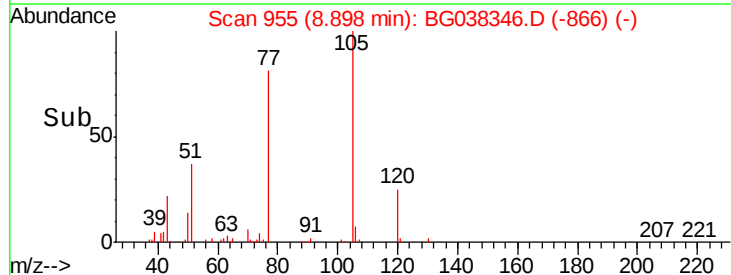


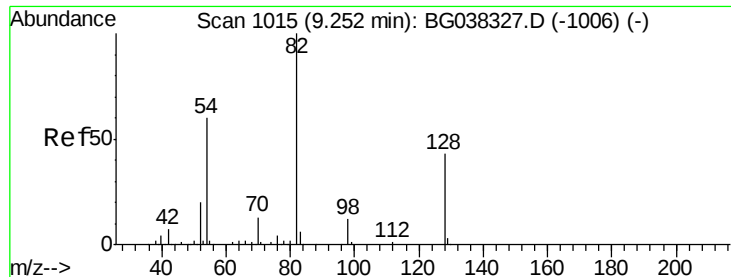
#22
Acetophenone
Concen: 21.987 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:	105	Resp:	108724
Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.2	1.8
51	37.9	25.0	37.6#
120	24.9	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

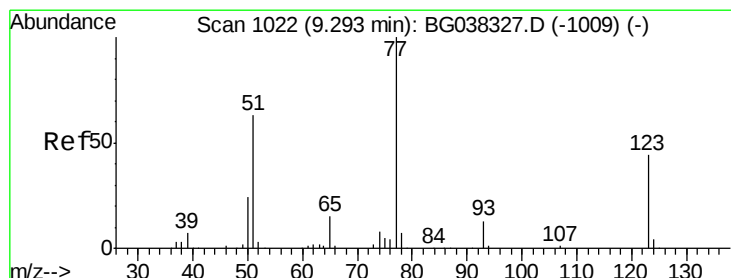
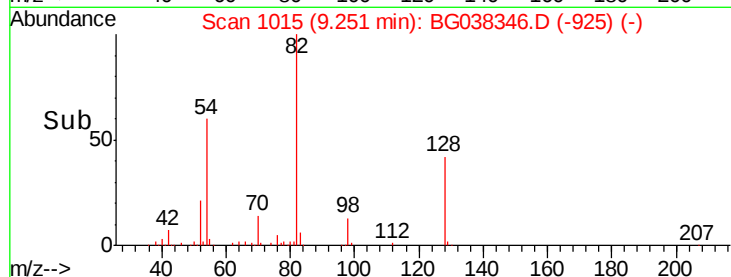
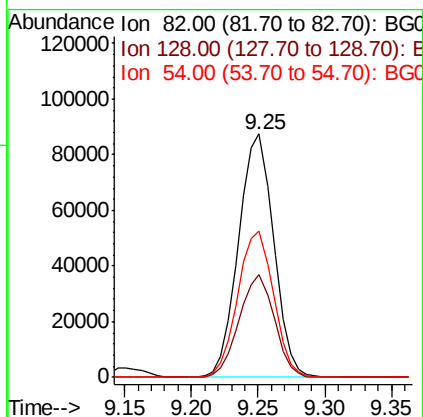
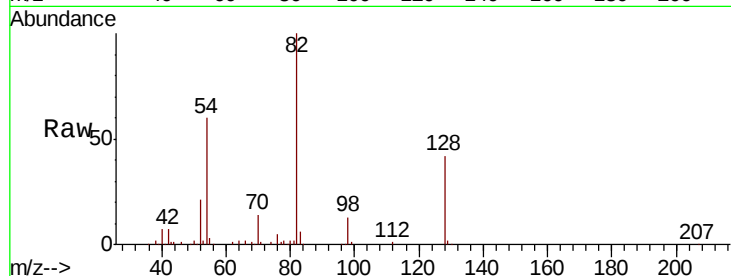




#23
Nitrobenzene-d5
Concen: 40.799 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

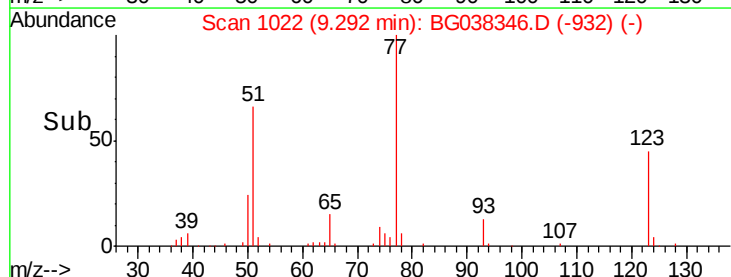
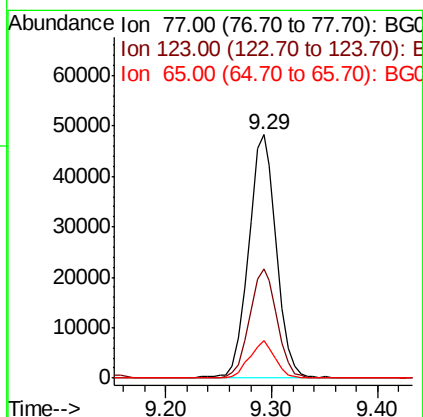
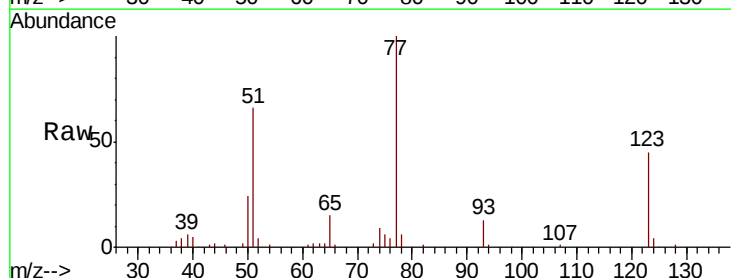
Instrument :
BNA_G
ClientSampleId :
PB115253BS

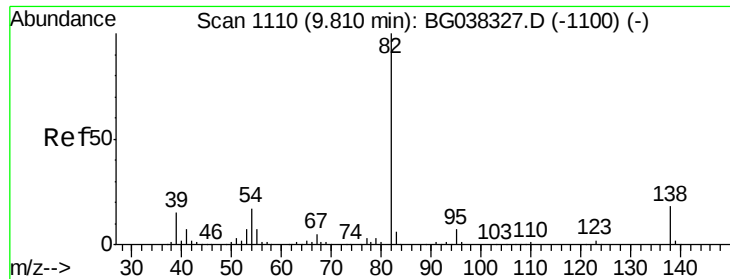
Tgt Ion: 82 Resp: 159834
Ion Ratio Lower Upper
82 100
128 42.2 34.6 51.8
54 59.9 45.3 67.9



#24
Nitrobenzene
Concen: 22.081 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion: 77 Resp: 87887
Ion Ratio Lower Upper
77 100
123 44.6 33.6 50.4
65 15.2 11.3 16.9





#25

Isophorone

Concen: 24.109 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

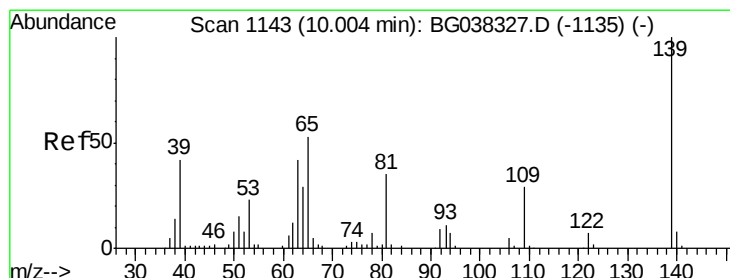
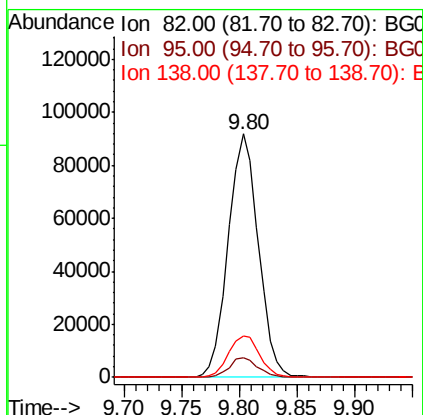
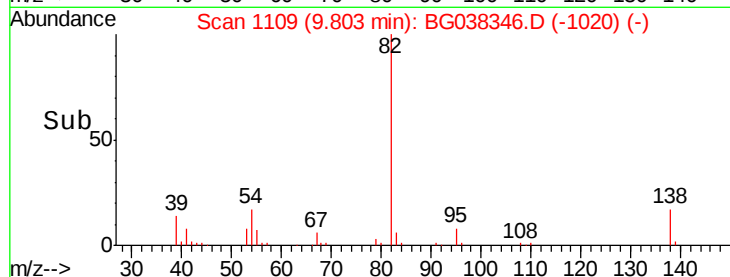
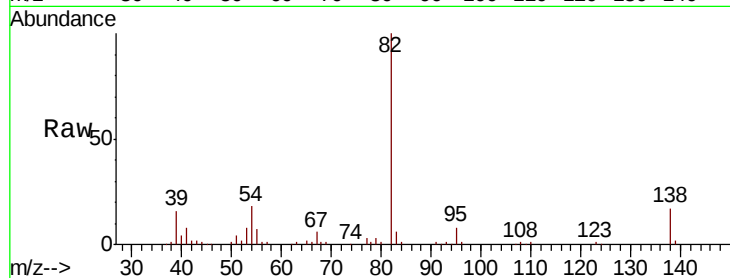
Tgt Ion: 82 Resp: 165982

Ion Ratio Lower Upper

82 100

95 8.2 5.3 7.9#

138 16.7 13.3 19.9



#26

2-Nitrophenol

Concen: 22.797 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

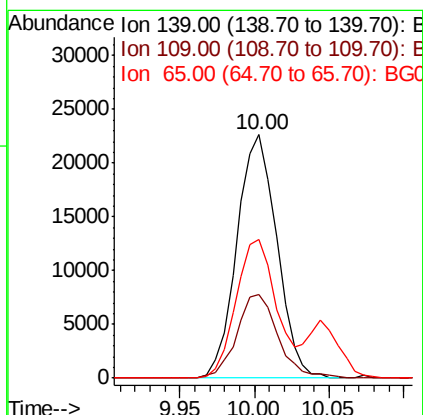
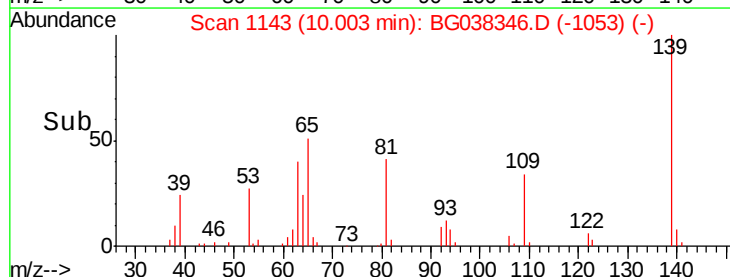
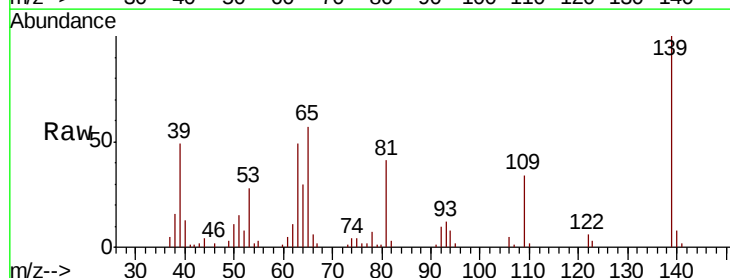
Tgt Ion: 139 Resp: 42042

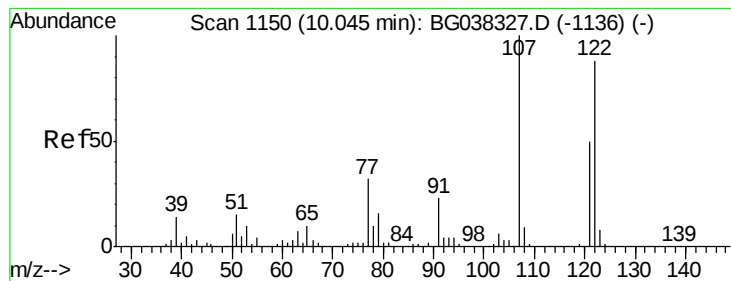
Ion Ratio Lower Upper

139 100

109 34.2 23.3 34.9

65 57.0 39.8 59.8





#27

2,4-Dimethylphenol

Concen: 28.925 ng

RT: 10.04 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

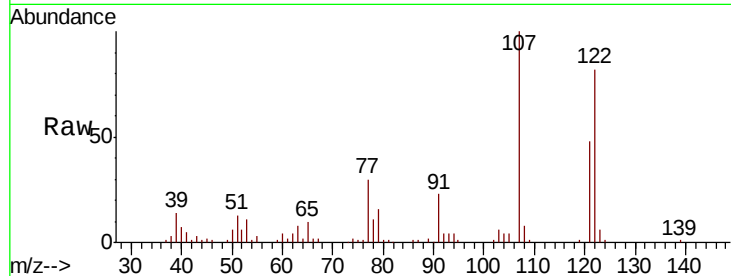
Tgt Ion:122 Resp: 76620

Ion Ratio Lower Upper

122 100

107 122.2 94.2 141.2

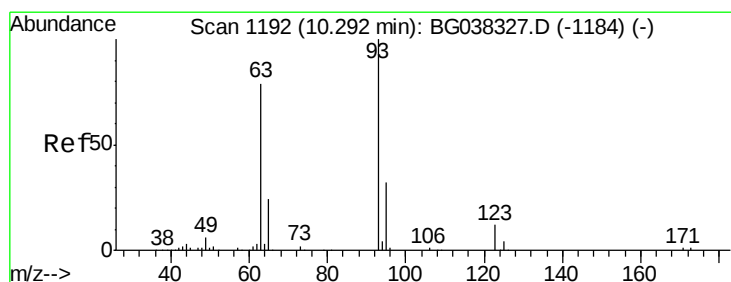
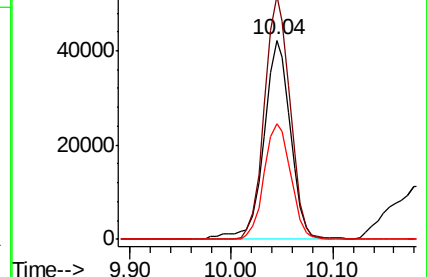
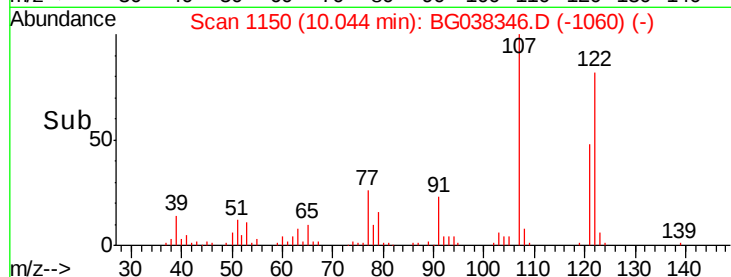
121 58.2 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 24.438 ng

RT: 10.29 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

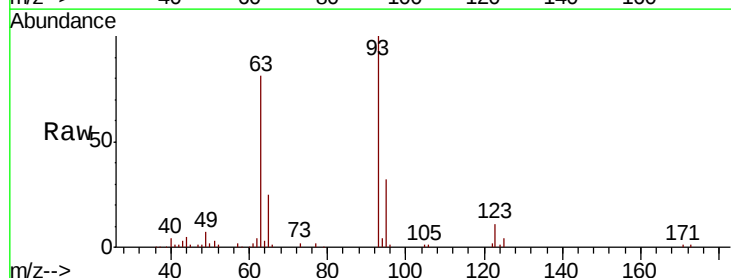
Tgt Ion: 93 Resp: 96452

Ion Ratio Lower Upper

93 100

95 31.5 24.6 37.0

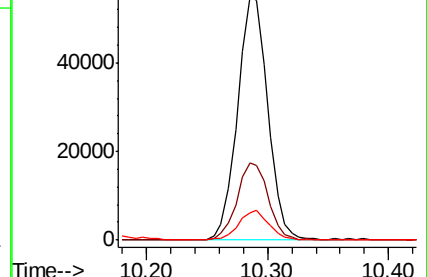
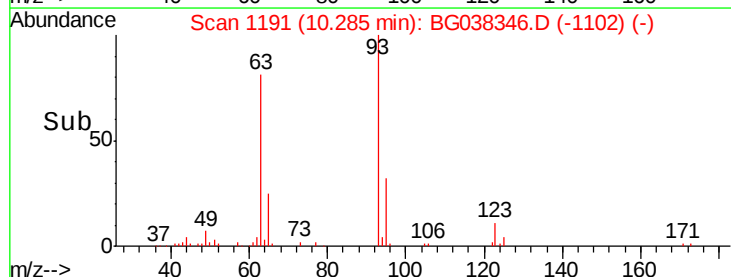
123 11.3 9.1 13.7

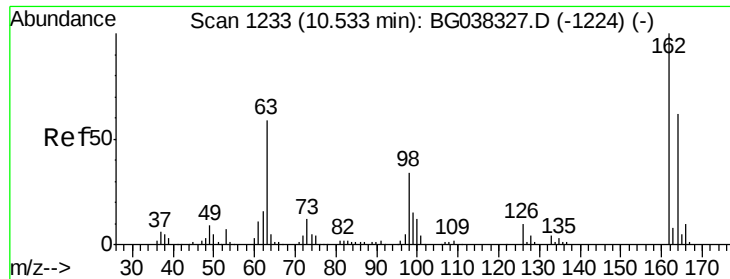


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 26.471 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

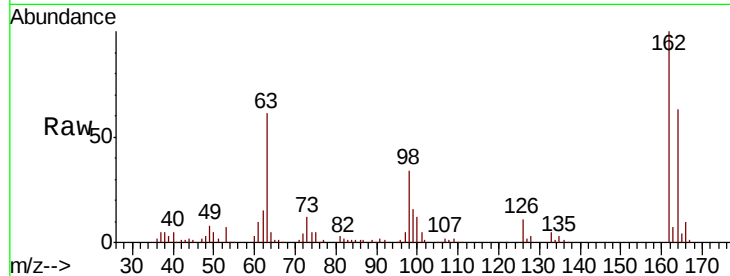
Tgt Ion:162 Resp: 80040

Ion Ratio Lower Upper

162 100

164 62.5 43.2 83.2

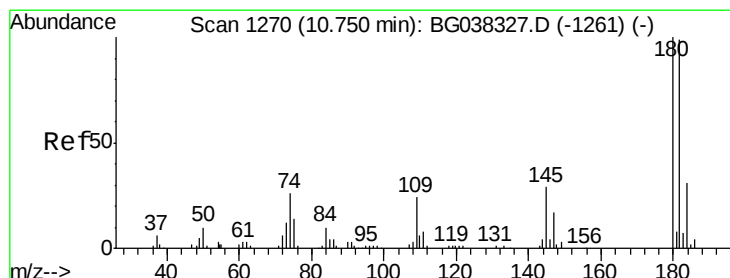
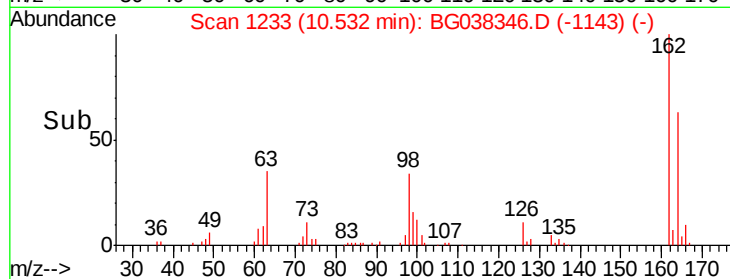
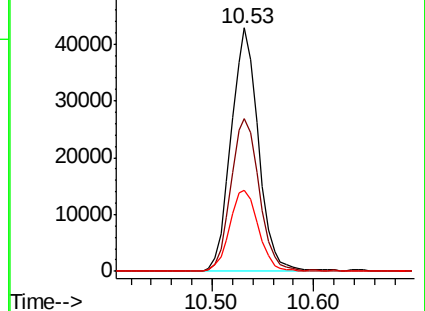
98 33.5 16.0 56.0



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: 33.749 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

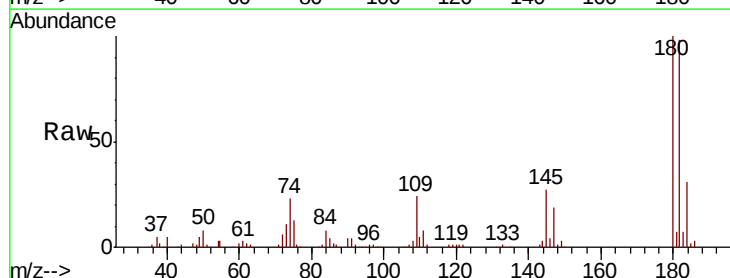
Tgt Ion:180 Resp: 119795

Ion Ratio Lower Upper

180 100

182 98.1 77.7 116.5

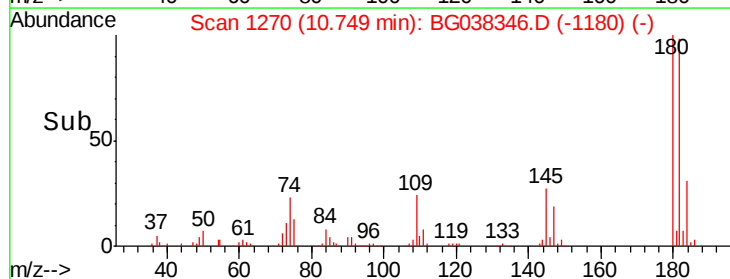
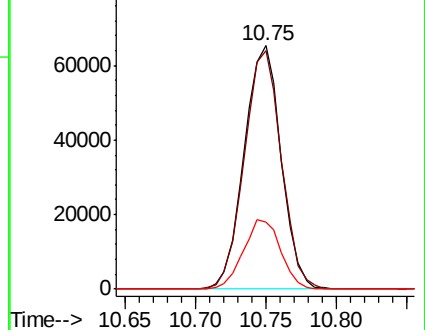
145 27.4 23.3 34.9

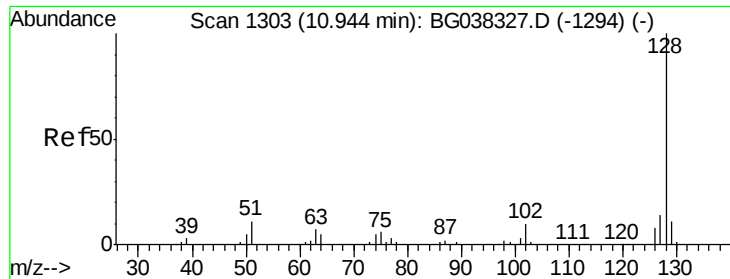


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

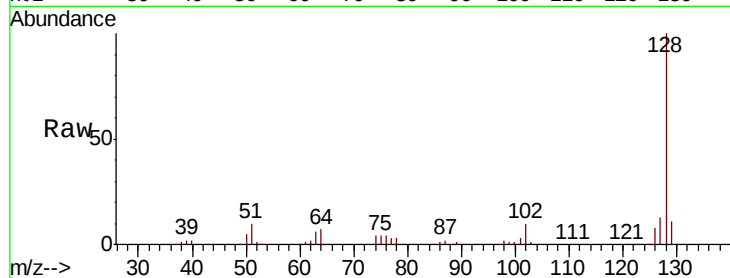




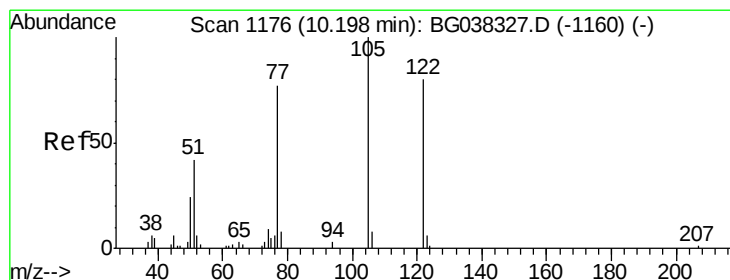
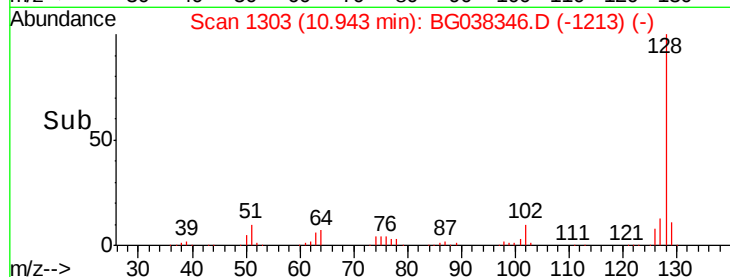
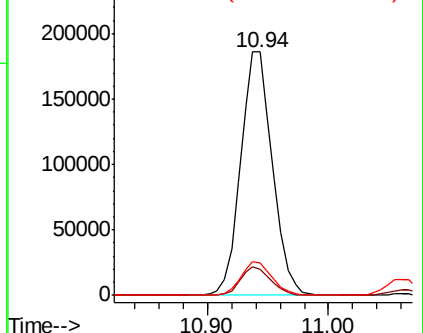
#31
Naphthalene
Concen: 36.541 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:128 Resp: 339494
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 11.1 16.7

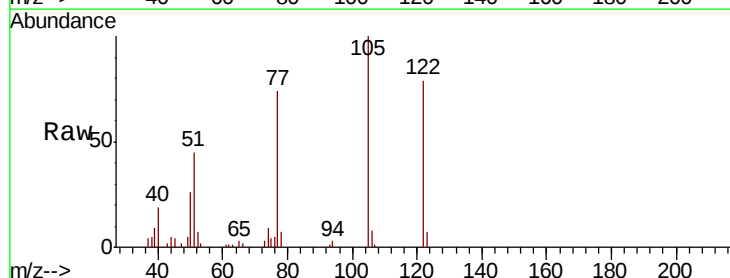


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

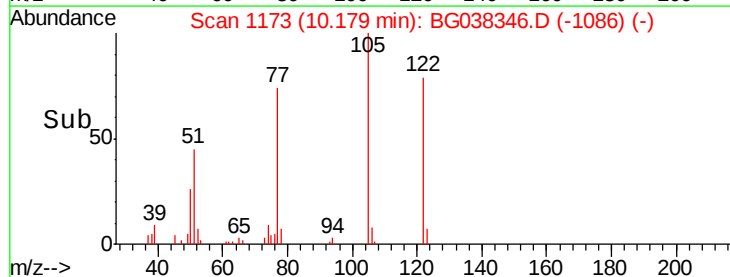
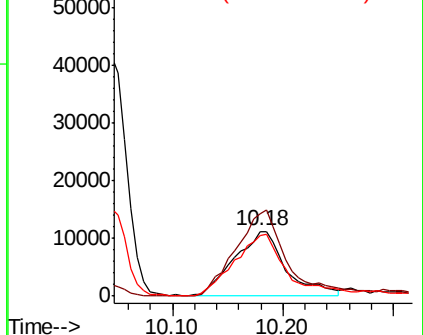


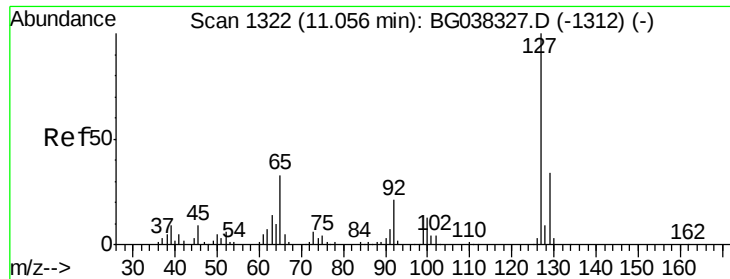
#32
Benzoic acid
Concen: 22.437 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:122 Resp: 36905
Ion Ratio Lower Upper
122 100
105 126.2 106.7 146.7
77 93.2 72.2 112.2



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

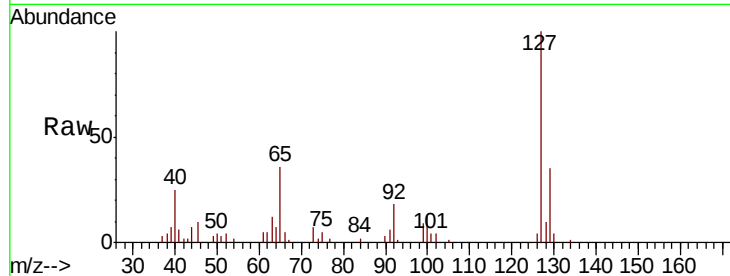




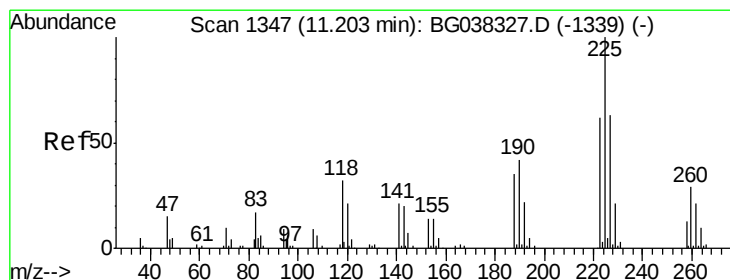
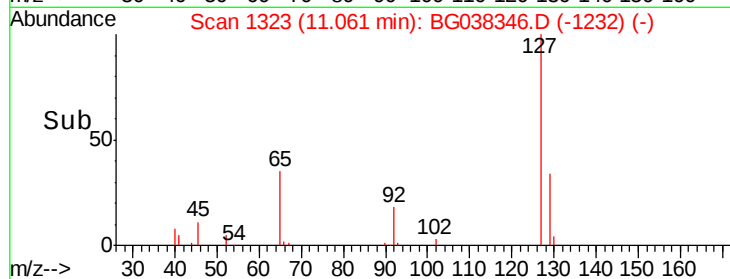
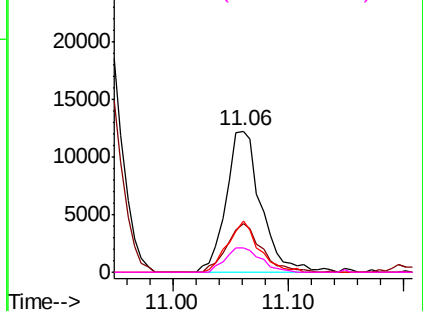
#33
4-Chloroaniline
Concen: 6.285 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:	127	Resp:	25850
Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.1	40.7
65	36.5	26.6	39.8
92	17.6	16.4	24.6

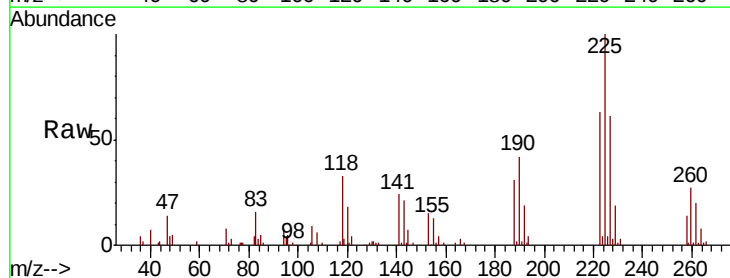


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

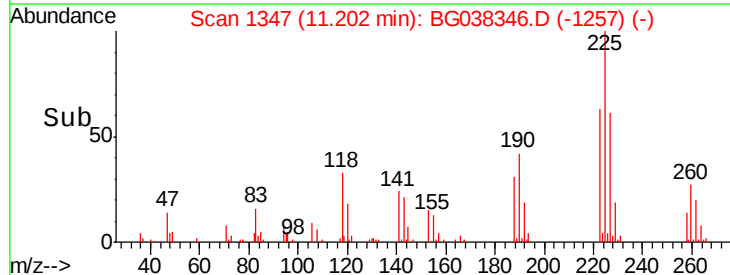
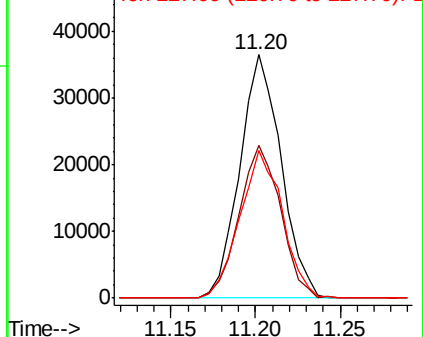


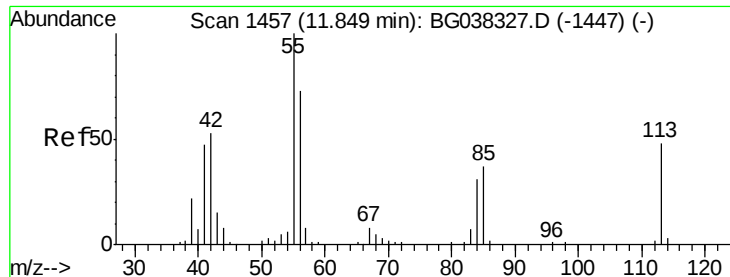
#34
Hexachlorobutadiene
Concen: 27.945 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:	225	Resp:	62056
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.2	72.4
227	60.7	51.6	77.4



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





#35

Caprolactam

Concen: 16.449 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

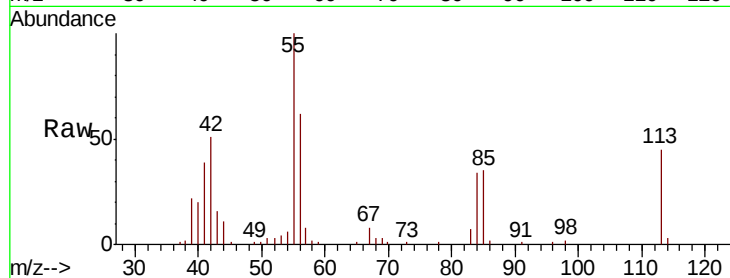
Tgt Ion:113 Resp: 20568

Ion Ratio Lower Upper

113 100

55 220.2 176.6 216.6#

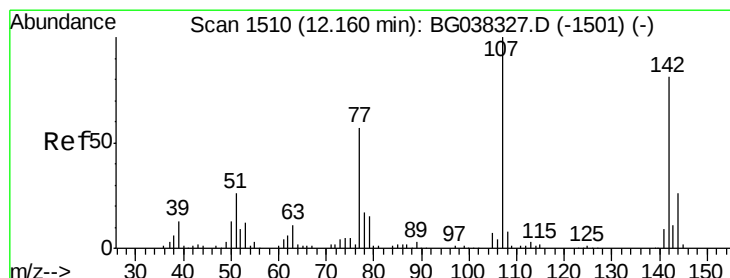
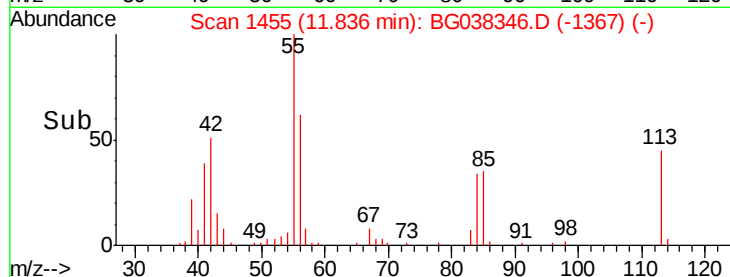
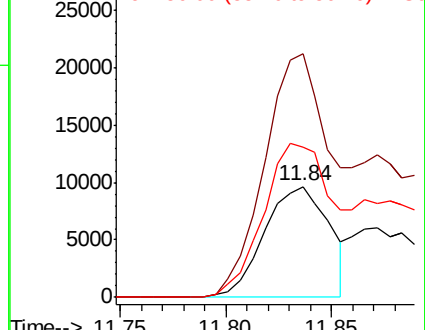
56 135.9 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 26.623 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

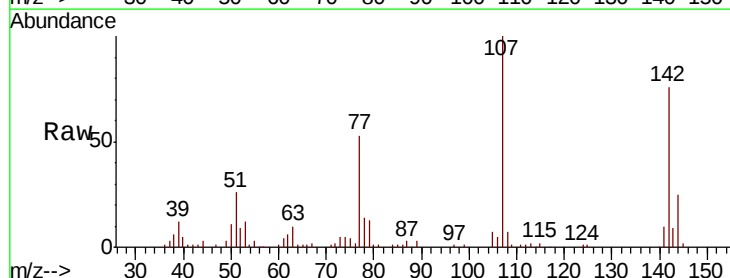
Tgt Ion:107 Resp: 89444

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

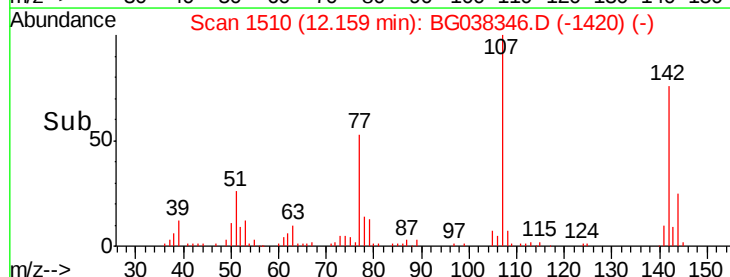
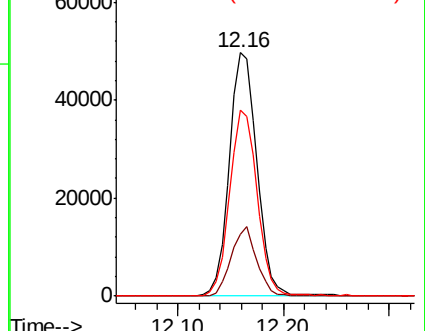
142 76.5 64.4 96.6

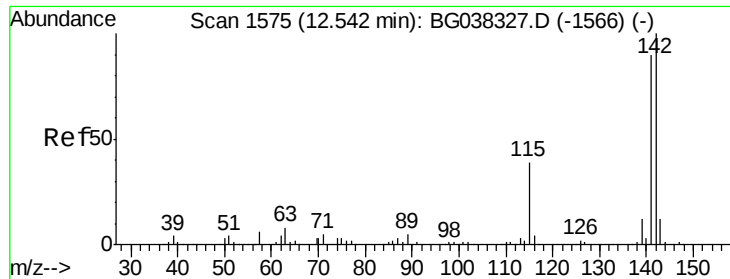


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

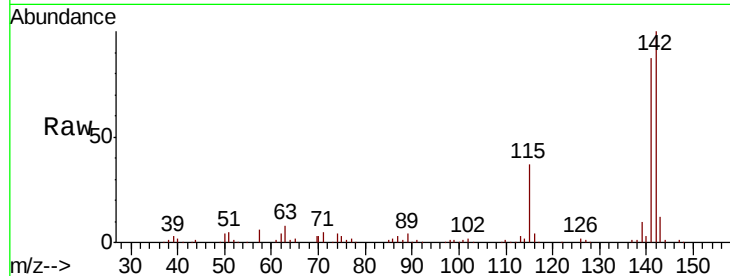




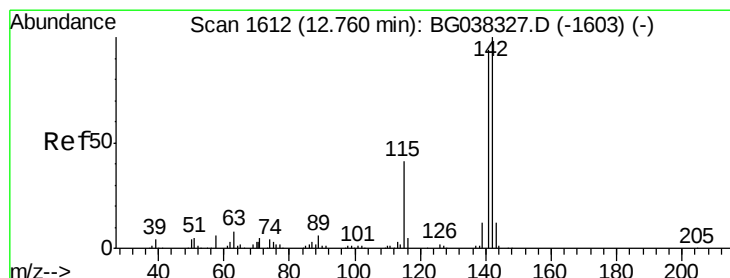
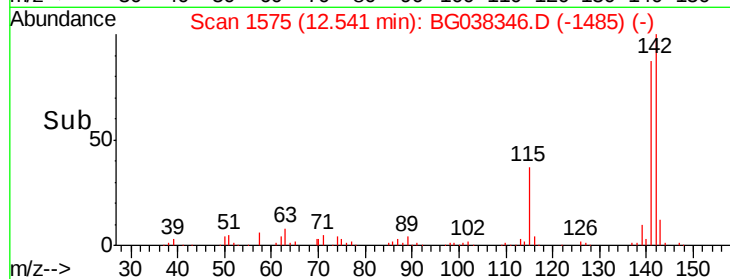
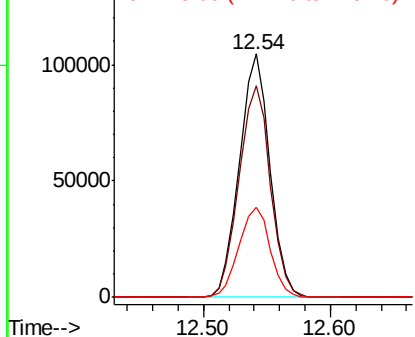
#37
 2-Methylnaphthalene
 Concen: 26.377 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion:142 Resp: 174522
 Ion Ratio Lower Upper
 142 100
 141 87.1 71.9 107.9
 115 36.9 27.8 41.8

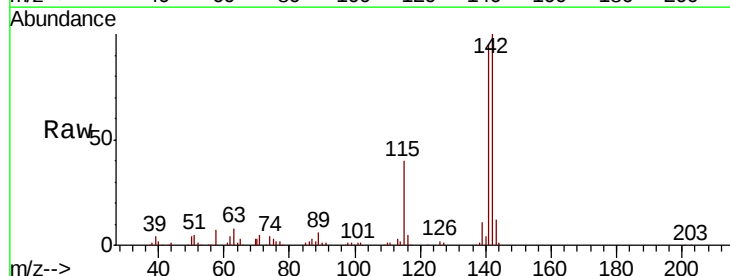


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

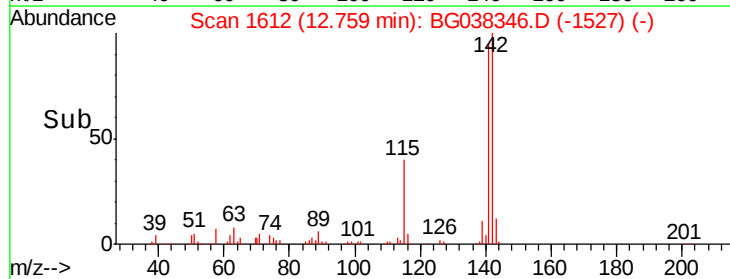
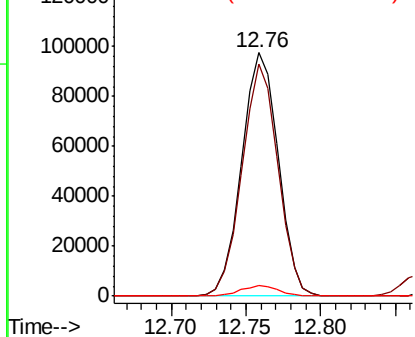


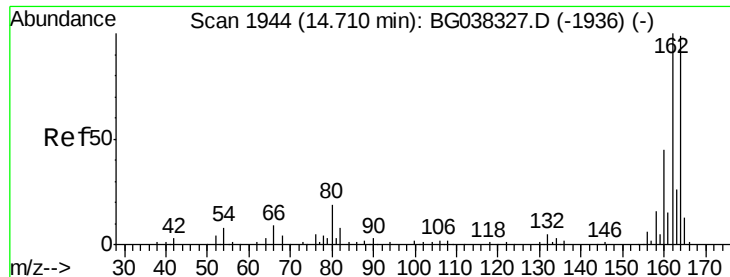
#38
 1-Methylnaphthalene
 Concen: 26.092 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:142 Resp: 165344
 Ion Ratio Lower Upper
 142 100
 141 95.1 75.2 112.8
 116 4.6 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

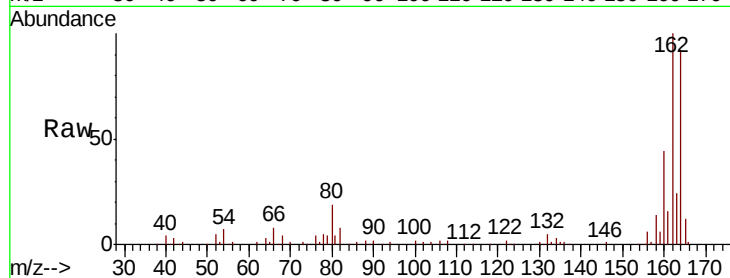
Tgt Ion:164 Resp: 84065

Ion Ratio Lower Upper

164 100

162 108.8 81.3 121.9

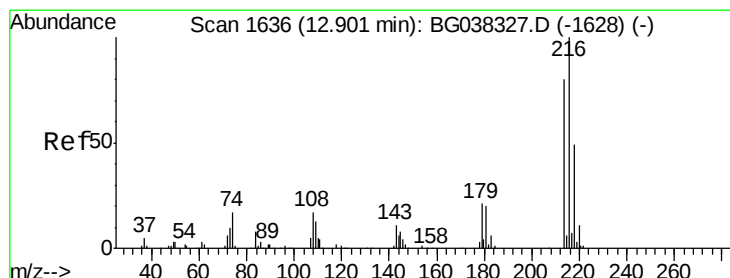
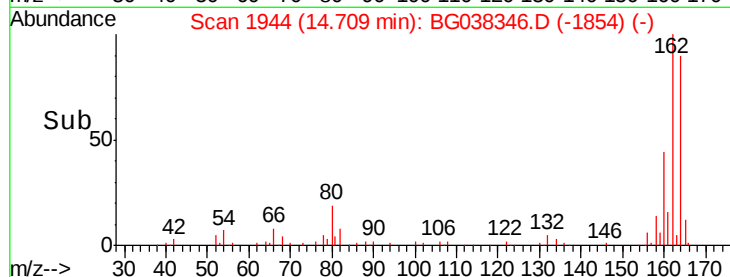
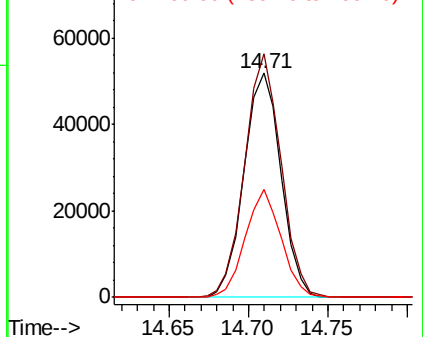
160 48.4 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.270 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Tgt Ion:216 Resp: 93346

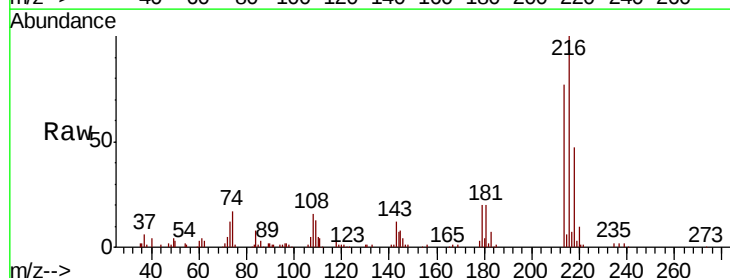
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 20.9 17.4 26.0

108 20.0 13.9 20.9

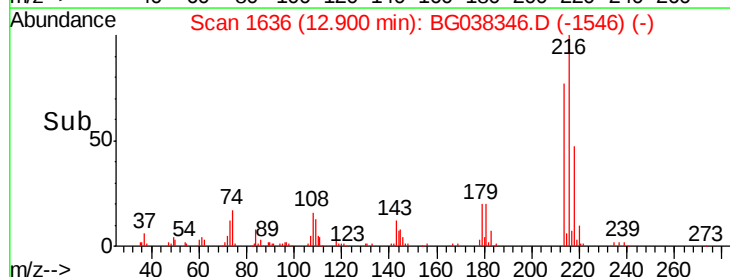
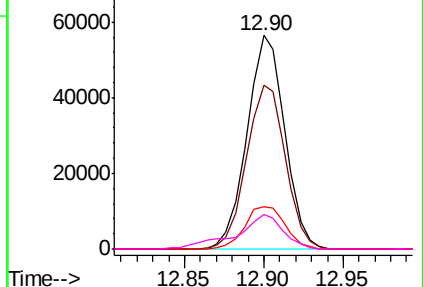


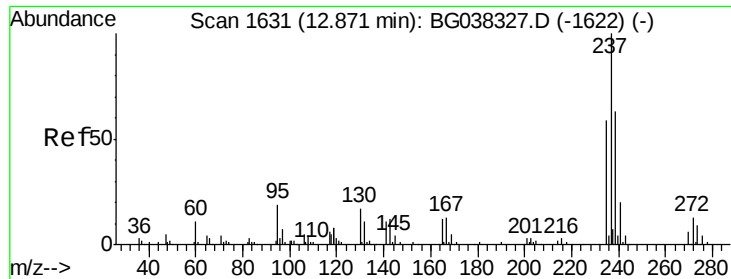
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.436 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

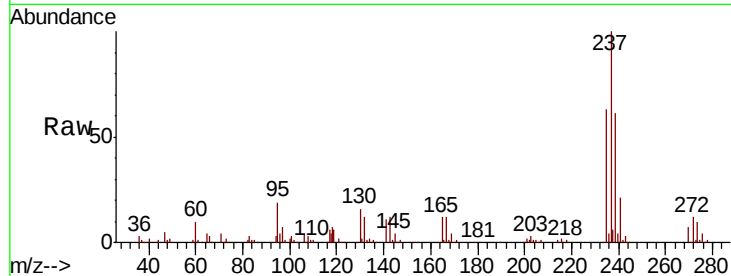
Tgt Ion: 237 Resp: 131043

Ion Ratio Lower Upper

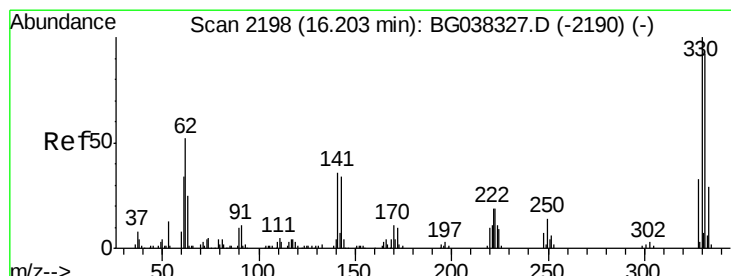
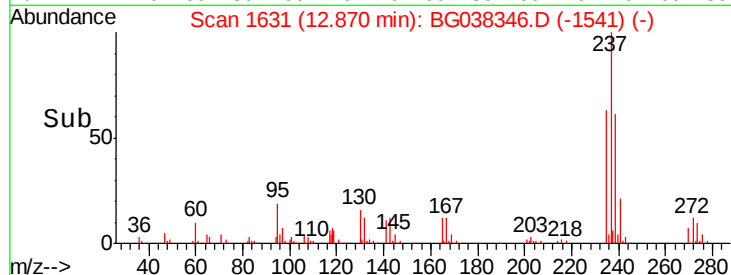
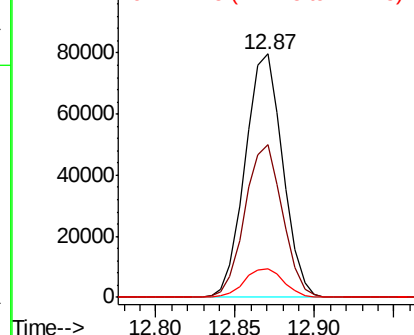
237 100

235 62.5 42.5 82.5

272 11.7 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 104.110 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

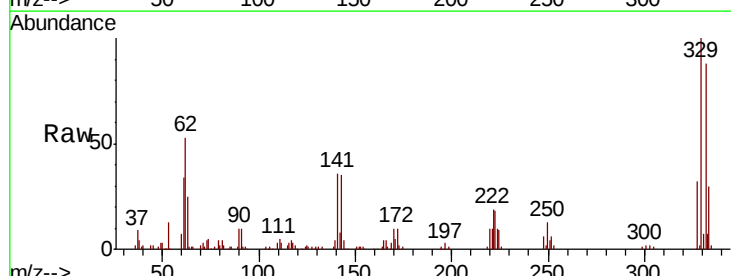
Tgt Ion: 330 Resp: 107442

Ion Ratio Lower Upper

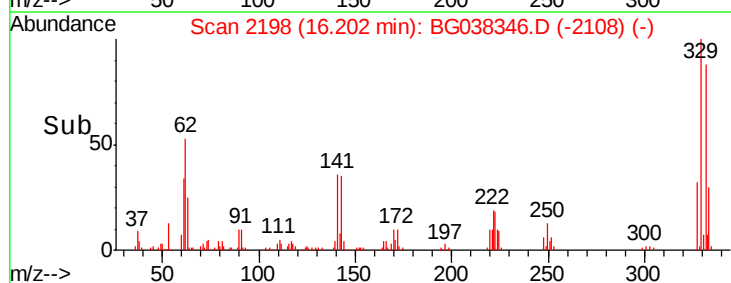
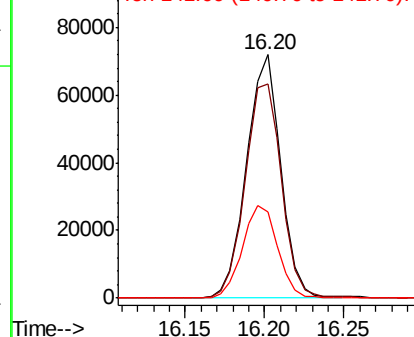
330 100

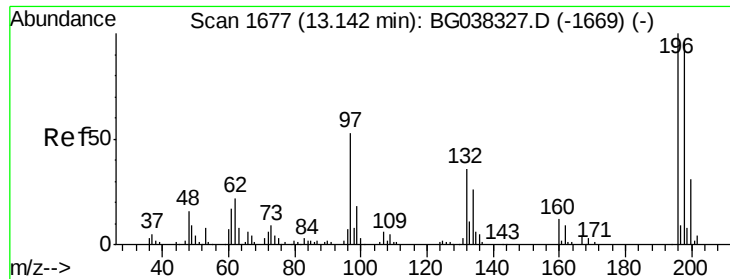
332 93.9 78.4 117.6

141 39.3 32.2 48.2



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

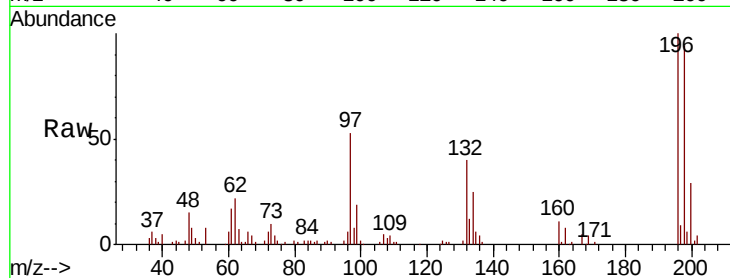




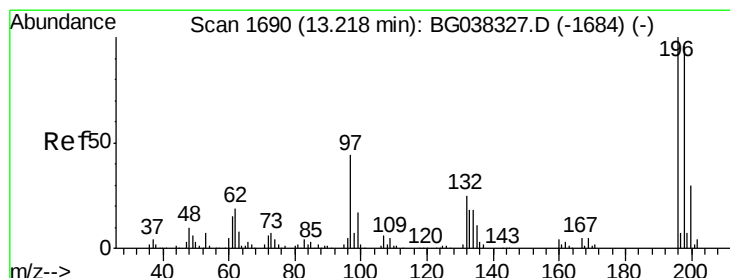
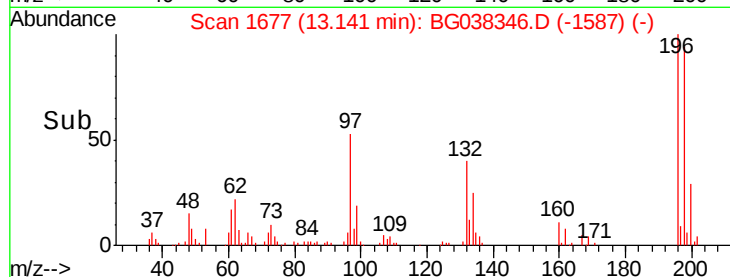
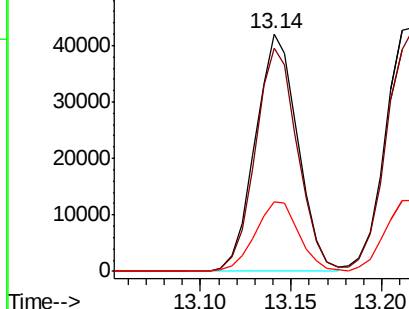
#43
 2,4,6-Trichlorophenol
 Concen: 36.621 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion:196 Resp: 68621
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.4 114.6
 200 29.4 24.9 37.3



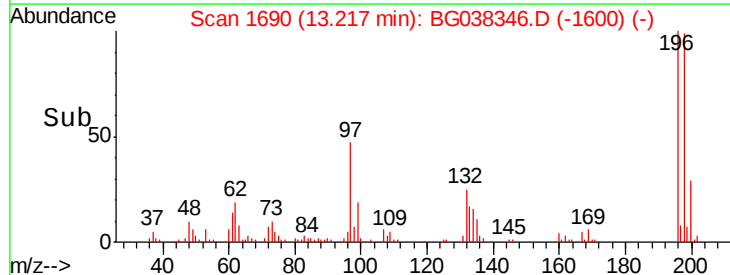
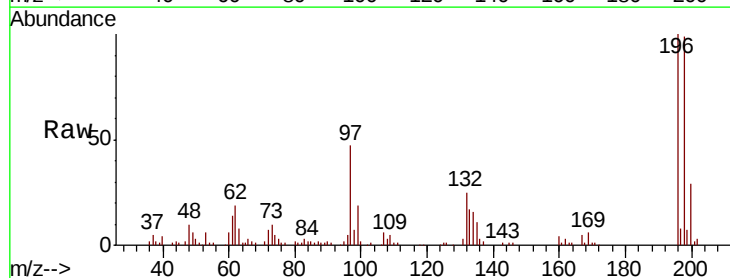
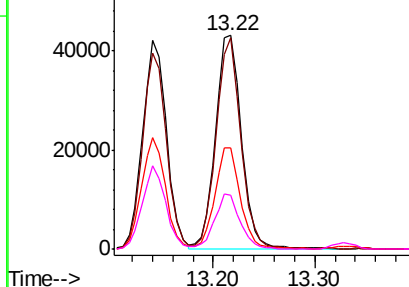
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

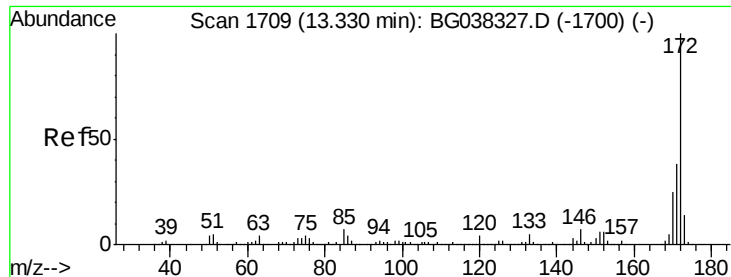


#44
 2,4,5-Trichlorophenol
 Concen: 38.796 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:196 Resp: 77014
 Ion Ratio Lower Upper
 196 100
 198 98.8 74.2 111.2
 97 47.5 34.1 51.1
 132 25.0 20.2 30.4

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

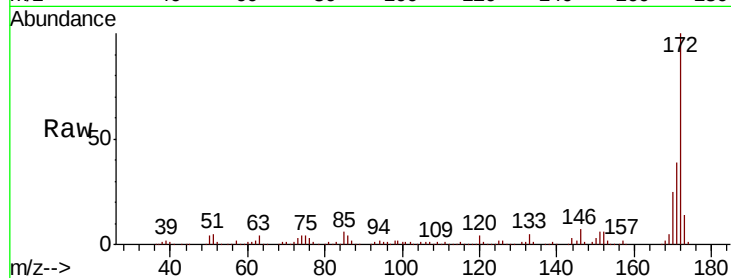




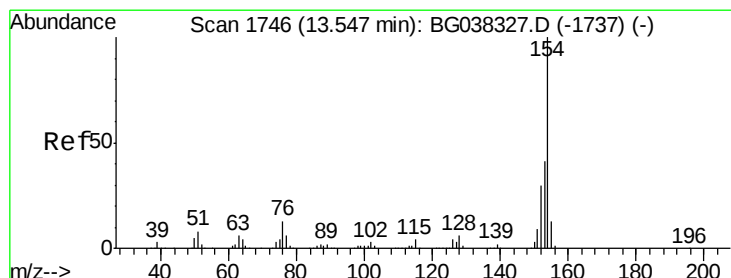
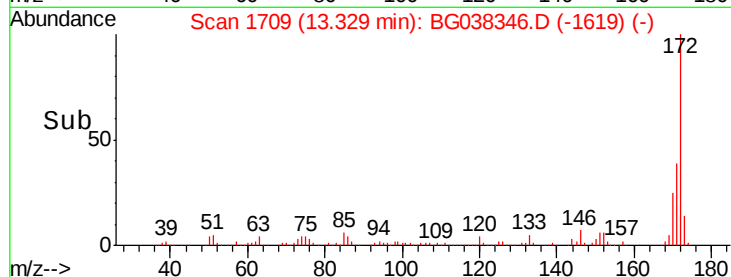
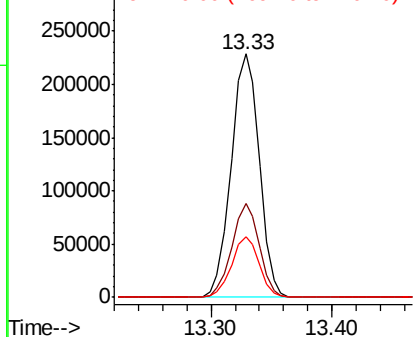
#45
 2-Fluorobiphenyl
 Concen: 62.819 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion:172 Resp: 370611
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.0 46.4
 170 25.0 20.2 30.2

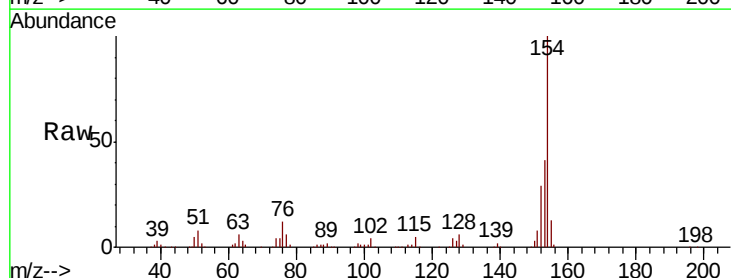


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

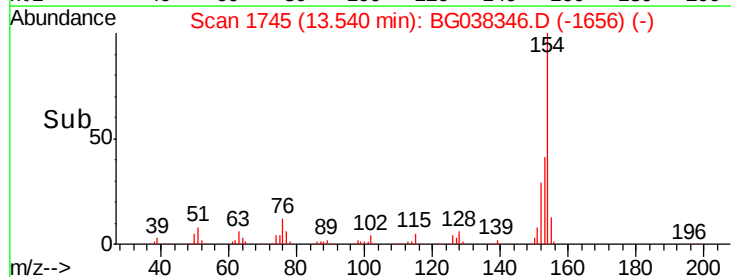
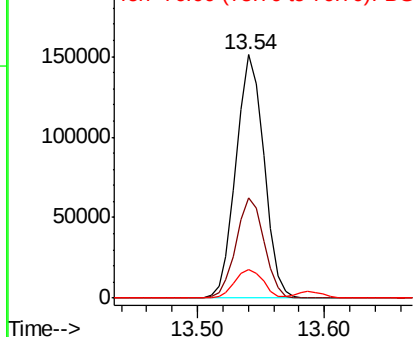


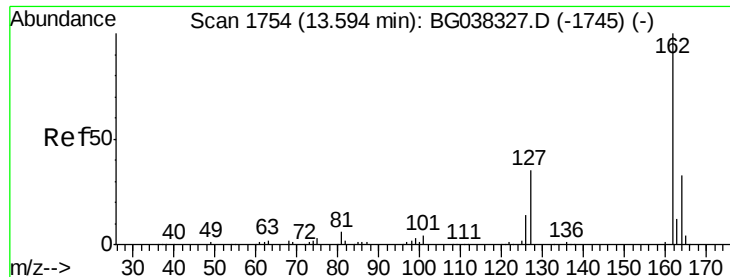
#46
 1,1'-Biphenyl
 Concen: 32.462 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:154 Resp: 230670
 Ion Ratio Lower Upper
 154 100
 153 41.0 22.1 62.1
 76 11.9 0.0 33.2



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

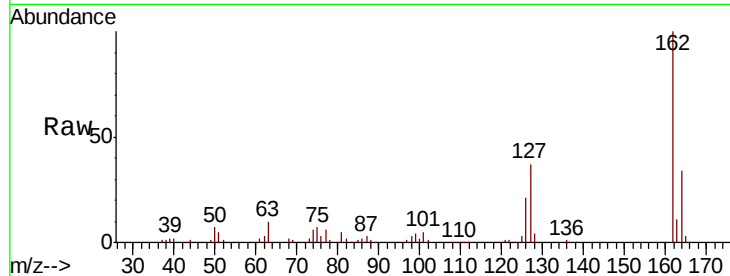




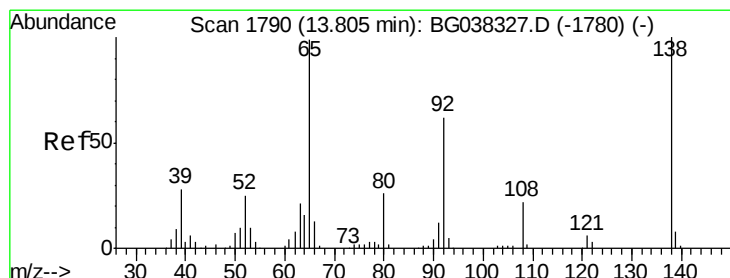
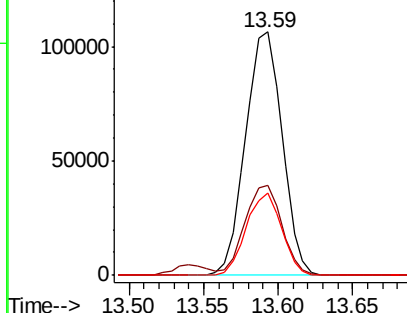
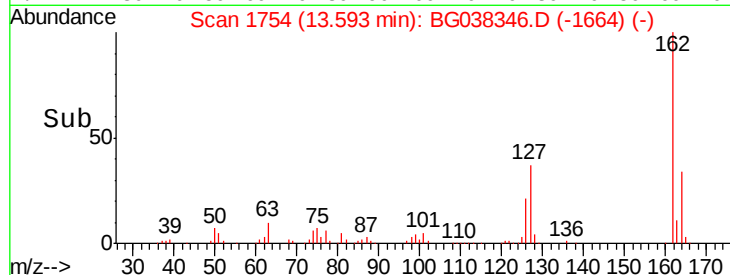
#47
 2-Chloronaphthalene
 Concen: 33.667 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	33.8	26.4	39.6

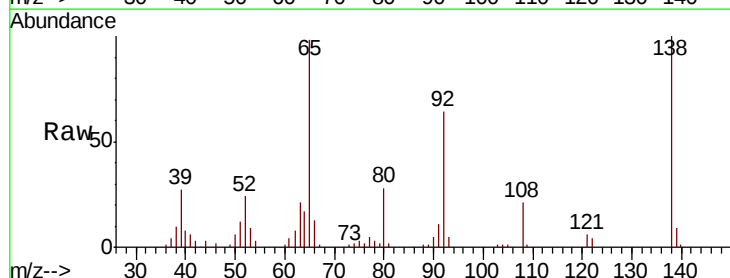


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

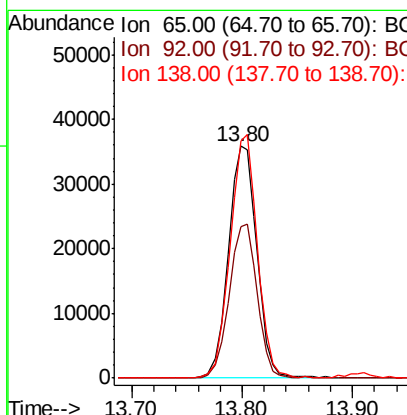
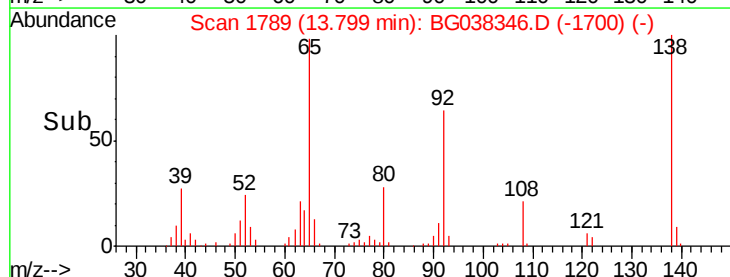


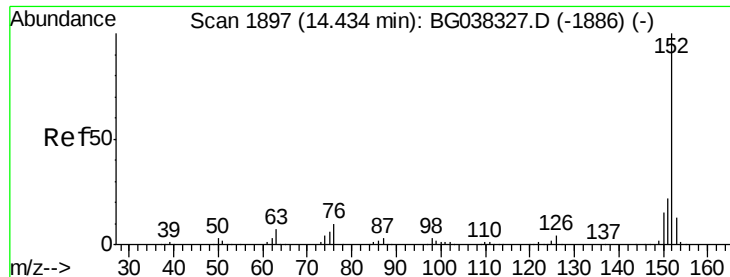
#48
 2-Nitroaniline
 Concen: 35.811 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	53.2	79.8
138	102.4	79.3	118.9



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: 37.751 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

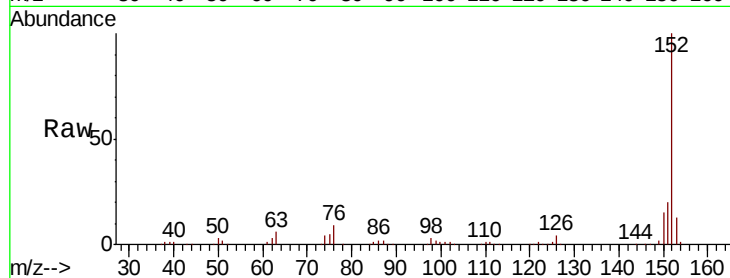
Tgt Ion:152 Resp: 304867

Ion Ratio Lower Upper

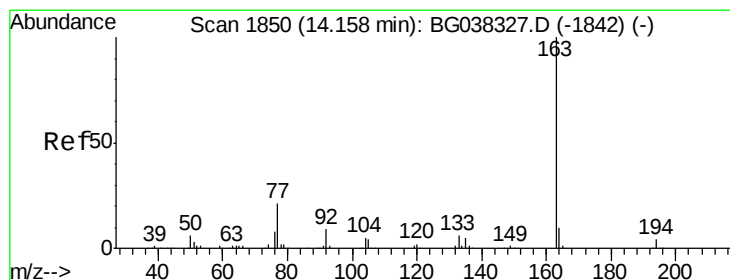
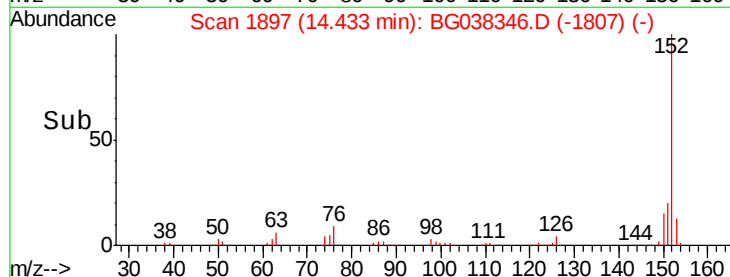
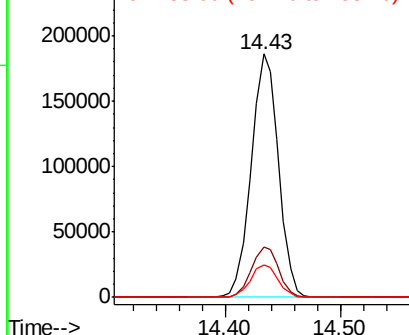
152 100

151 20.4 17.1 25.7

153 13.3 11.1 16.7



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



#50

Dimethylphthalate

Concen: 37.131 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

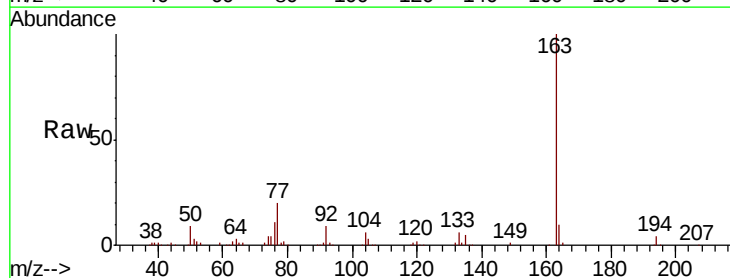
Tgt Ion:163 Resp: 250366

Ion Ratio Lower Upper

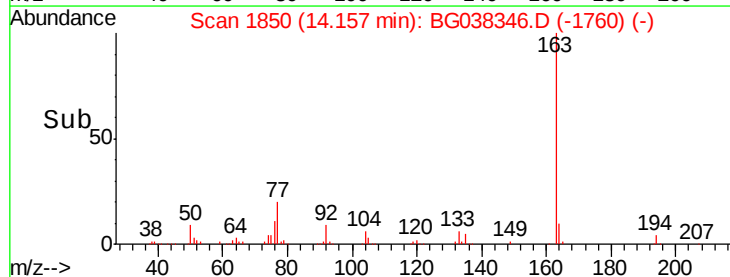
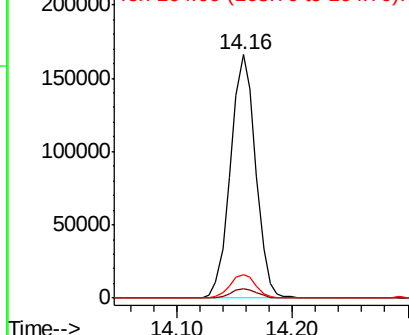
163 100

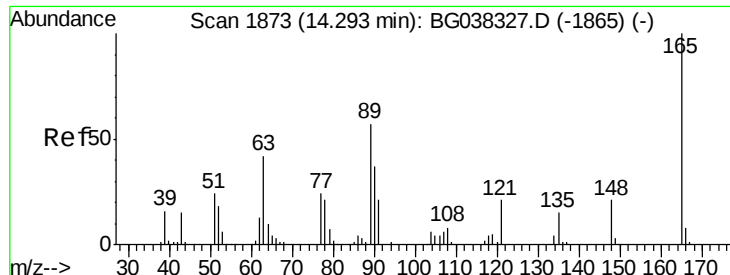
194 3.9 3.5 5.3

164 9.9 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 36.360 ng

RT: 14.29 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

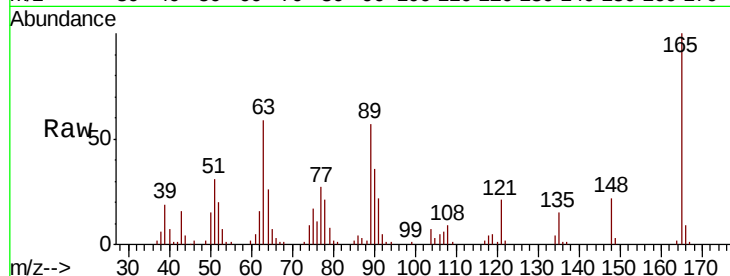
Tgt Ion:165 Resp: 56004

Ion Ratio Lower Upper

165 100

63 58.7 43.4 65.2

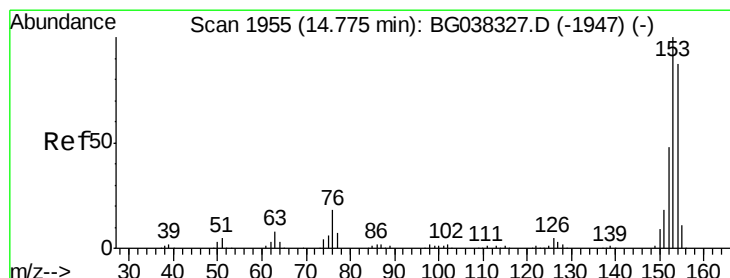
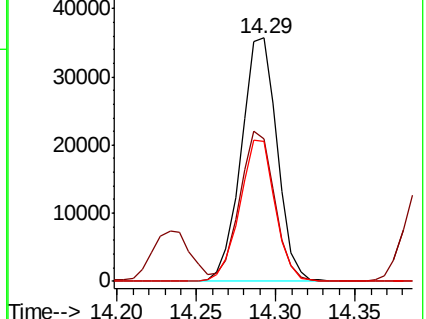
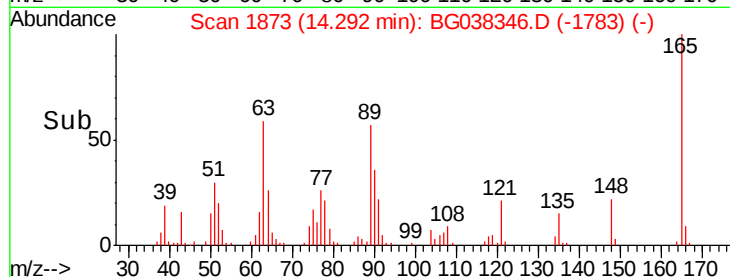
89 57.4 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 35.314 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

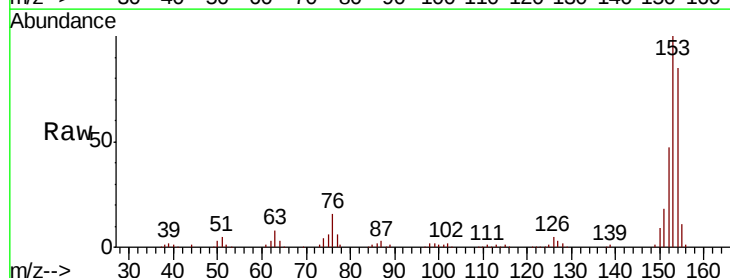
Tgt Ion:154 Resp: 173858

Ion Ratio Lower Upper

154 100

153 117.8 93.4 140.0

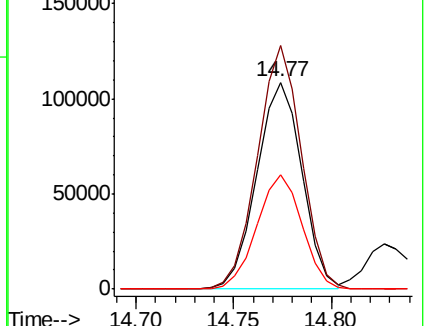
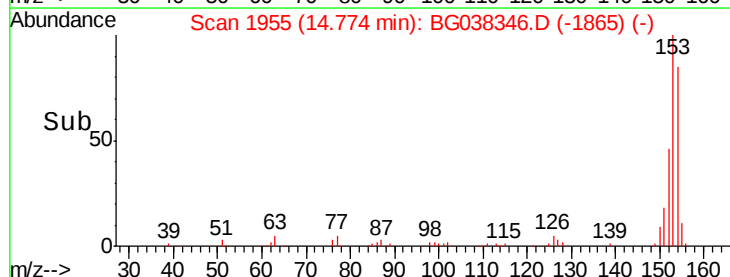
152 55.3 44.7 67.1

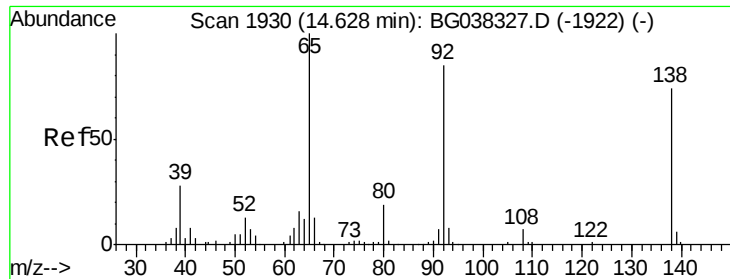


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 9.750 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

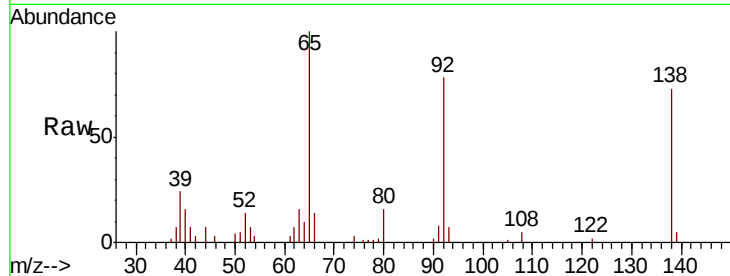
Tgt Ion:138 Resp: 16173

Ion Ratio Lower Upper

138 100

108 7.3 11.0 16.6#

92 107.5 95.2 142.8

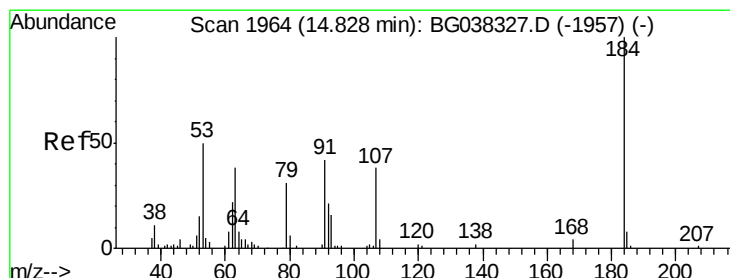
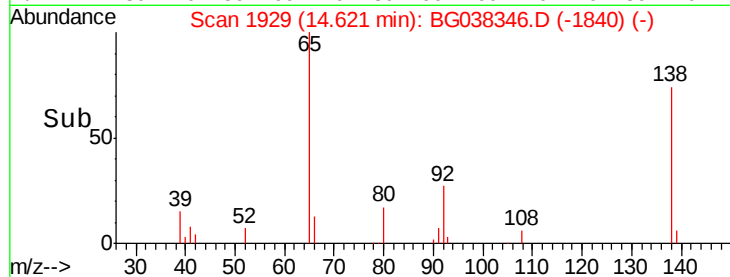
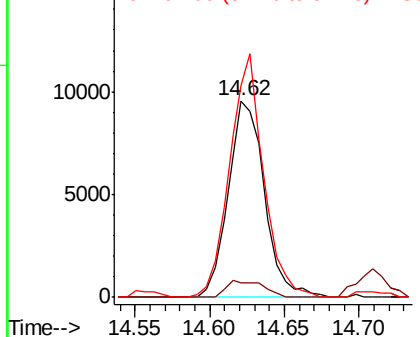


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 75.564 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

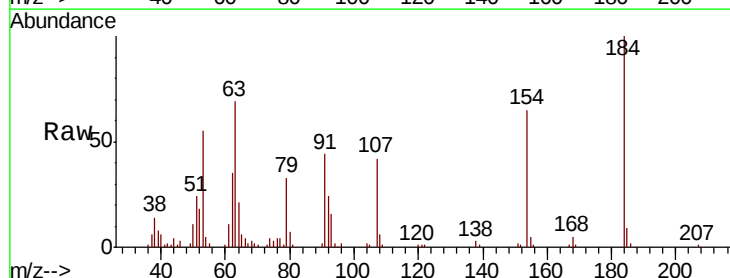
Tgt Ion:184 Resp: 63800

Ion Ratio Lower Upper

184 100

63 69.0 42.6 63.8#

154 64.5 41.8 62.6#

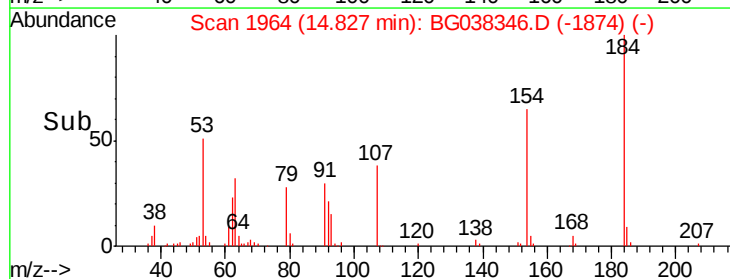
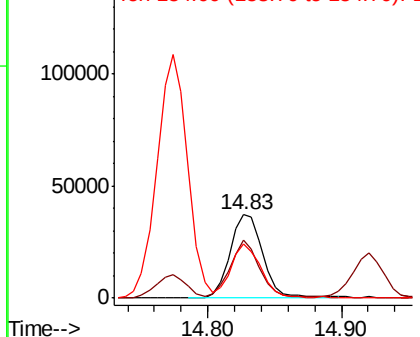


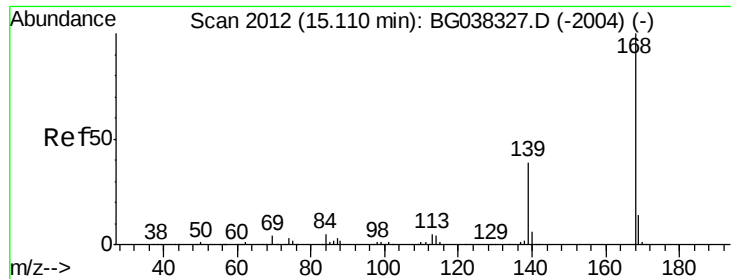
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

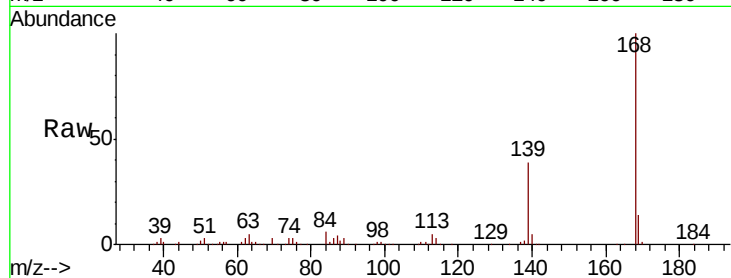




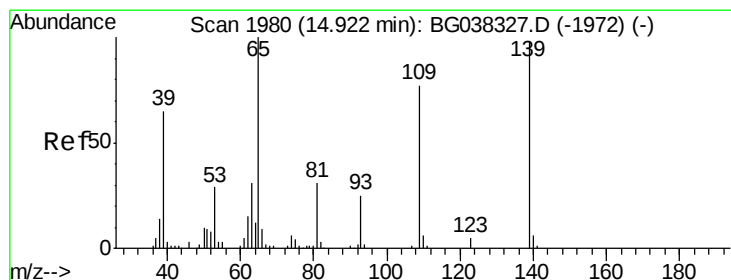
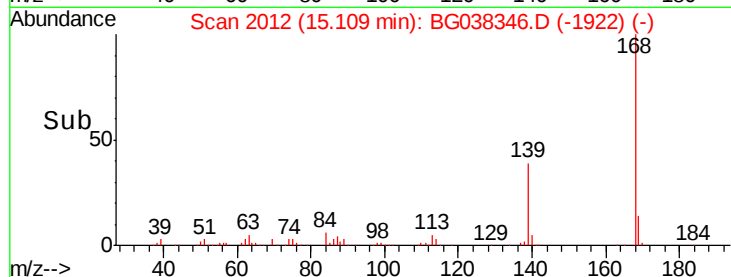
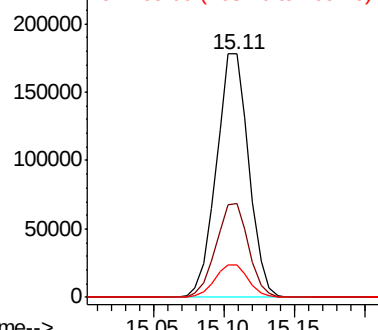
#55
Dibenzenofuran
Concen: 35.183 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:168 Resp: 286360
Ion Ratio Lower Upper
168 100
139 38.8 29.4 44.0
169 13.5 11.0 16.6

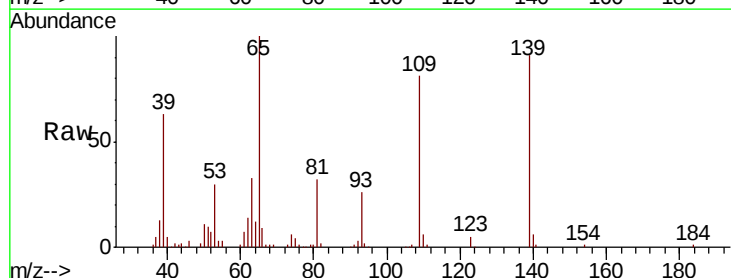


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

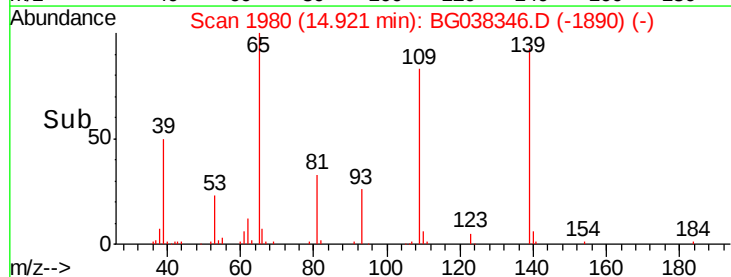
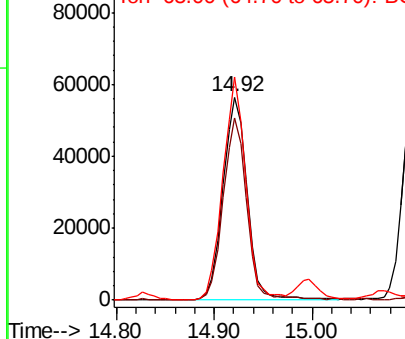


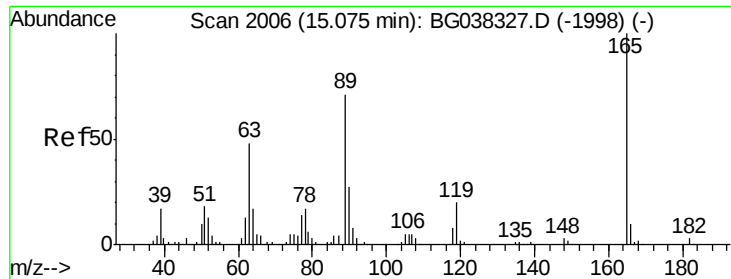
#56
4-Nitrophenol
Concen: 74.353 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:139 Resp: 97431
Ion Ratio Lower Upper
139 100
109 89.6 49.5 89.5#
65 110.0 76.8 116.8



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

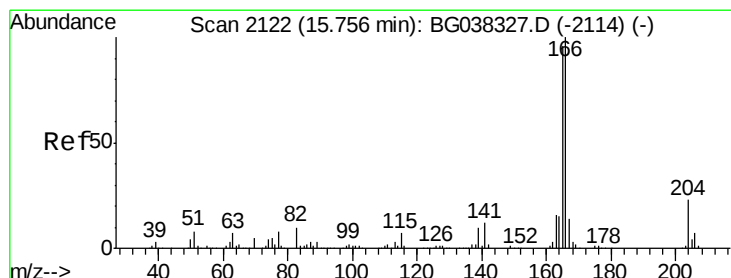
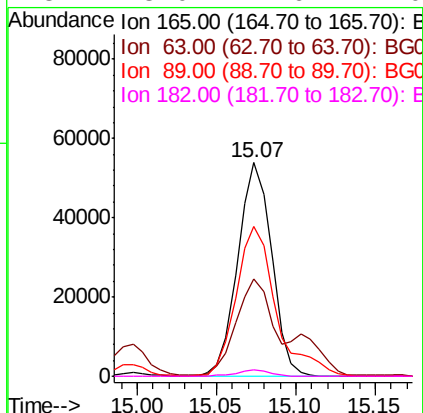
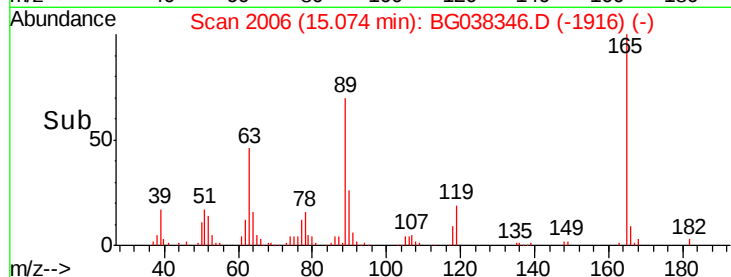
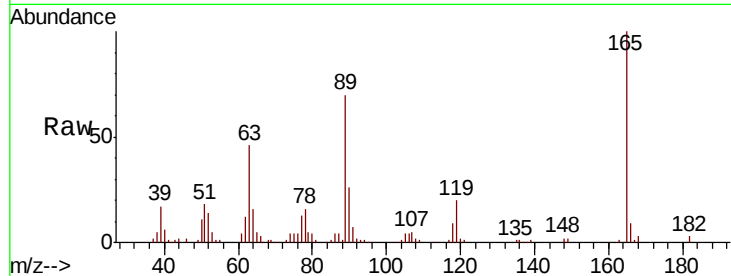




#57
2,4-Dinitrotoluene
Concen: 37.702 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

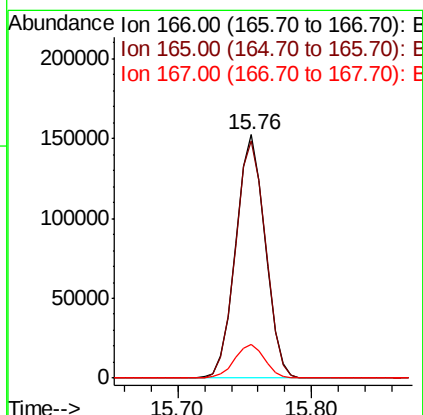
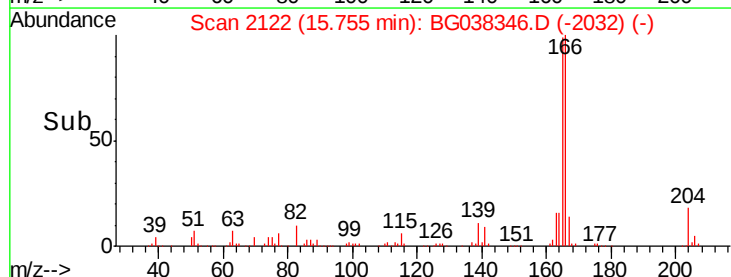
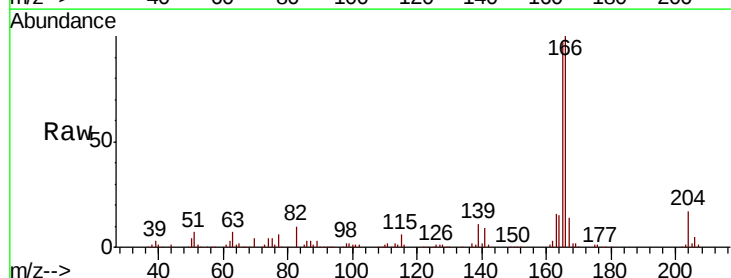
Instrument :
BNA_G
ClientSampleId :
PB115253BS

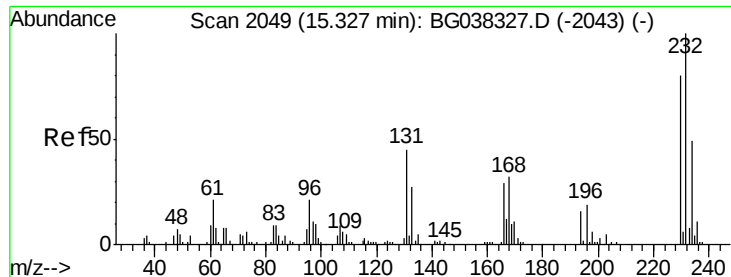
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.8	33.4	50.0
89	70.1	57.2	85.8
182	3.0	2.6	4.0



#58
Fluorene
Concen: 38.839 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.0	118.6
167	14.0	11.3	16.9

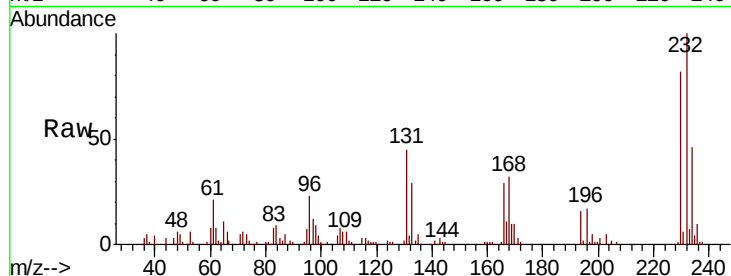




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.496 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion:	232	Resp:	69819
Ion	Ratio	Lower	Upper
232	100		
131	44.8	33.7	50.5
130	2.5	2.1	3.1
166	29.6	24.6	36.8



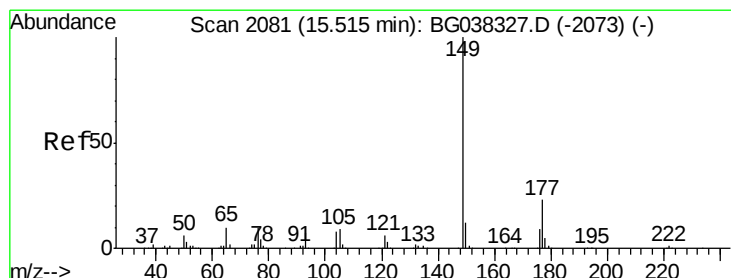
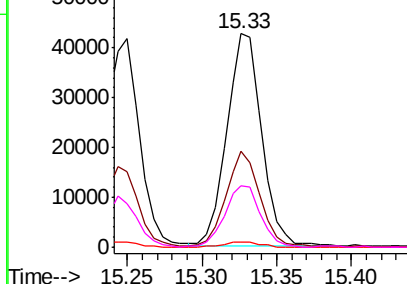
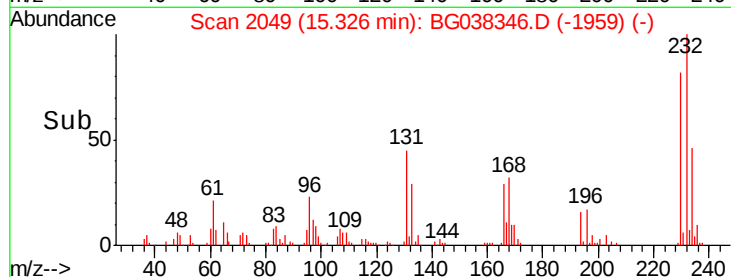
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

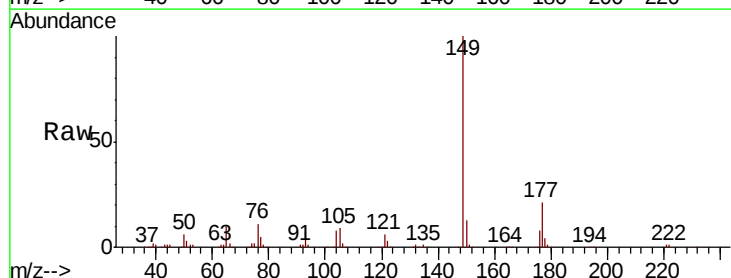
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 35.195 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:	149	Resp:	262915
Ion	Ratio	Lower	Upper
149	100		
177	20.9	18.3	27.5
150	13.0	10.0	15.0

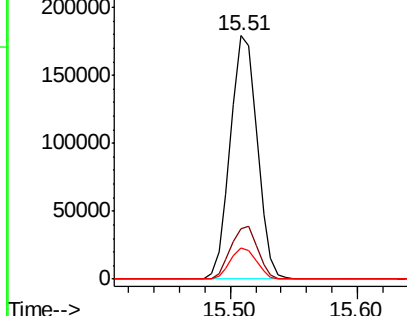
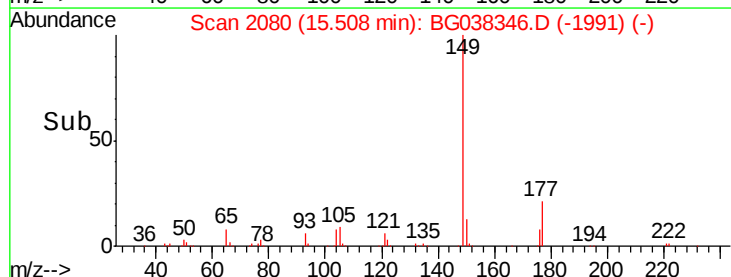


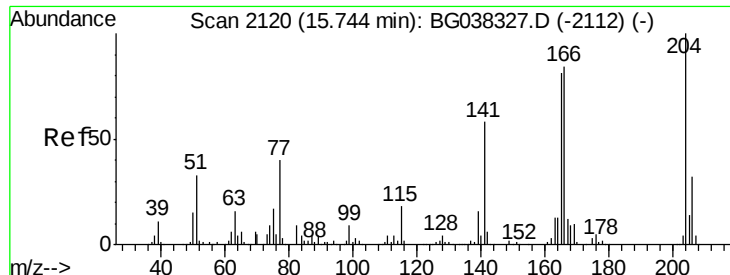
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

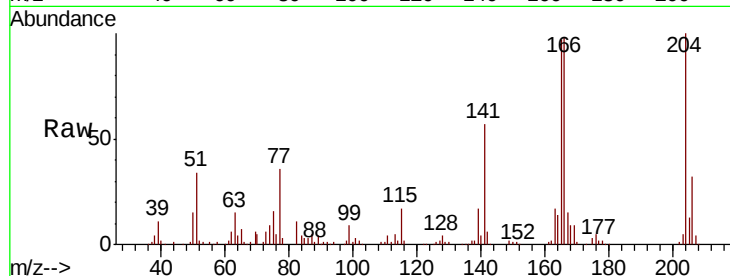




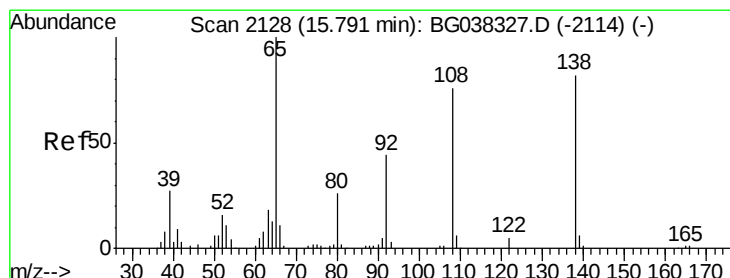
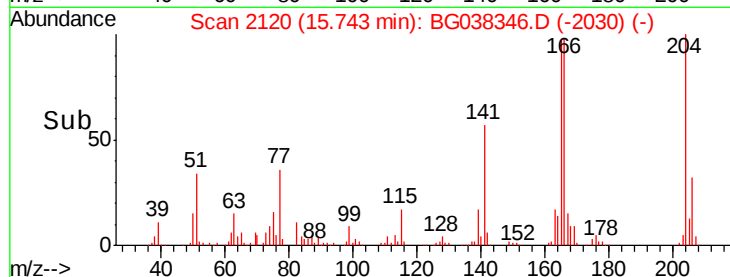
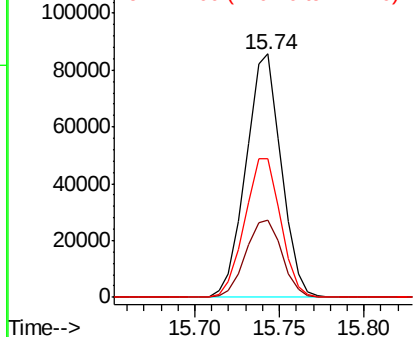
#61
 4-Chlorophenyl-phenylether
 Concen: 34.557 ng
 RT: 15.74 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

Tgt Ion: 204 Resp: 124467
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.6 39.8
 141 56.8 45.4 68.2

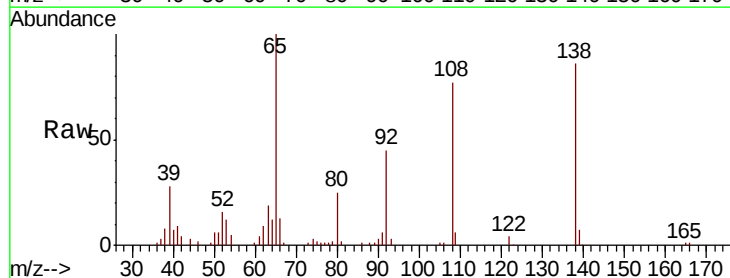


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

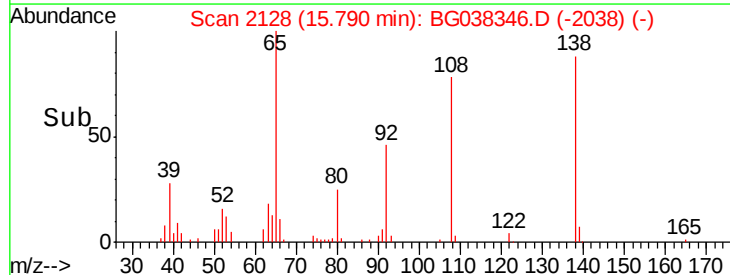
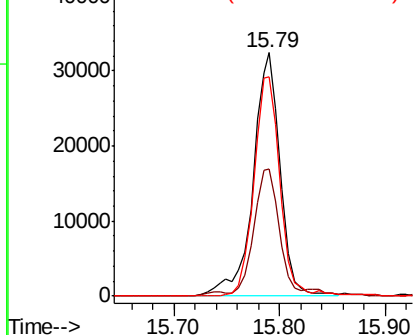


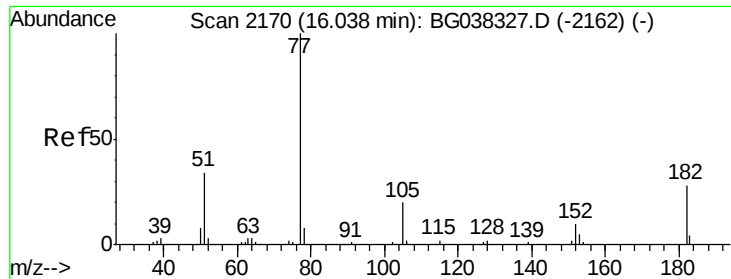
#62
 4-Nitroaniline
 Concen: 35.597 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion: 138 Resp: 58079
 Ion Ratio Lower Upper
 138 100
 92 52.2 36.4 76.4
 108 90.2 60.1 100.1



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: 35.932 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

Tgt Ion: 77 Resp: 234910

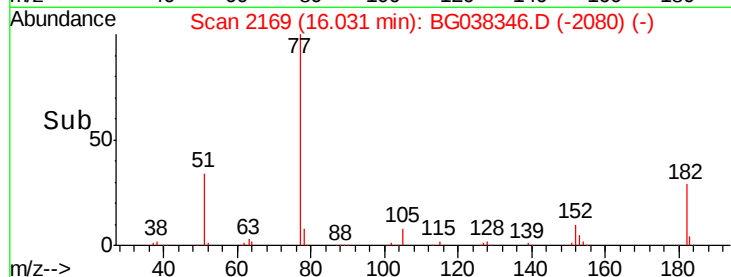
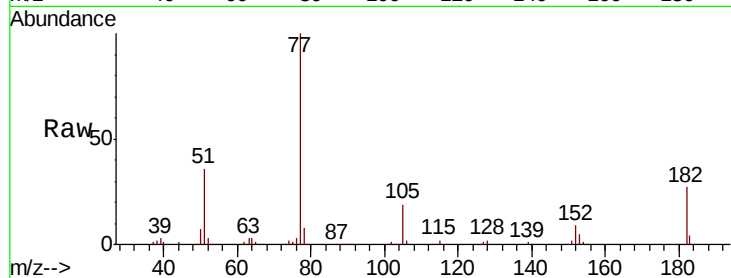
Ion Ratio Lower Upper

77 100

182 27.3 8.0 48.0

105 18.9 1.3 41.3

51 35.9 10.7 50.7

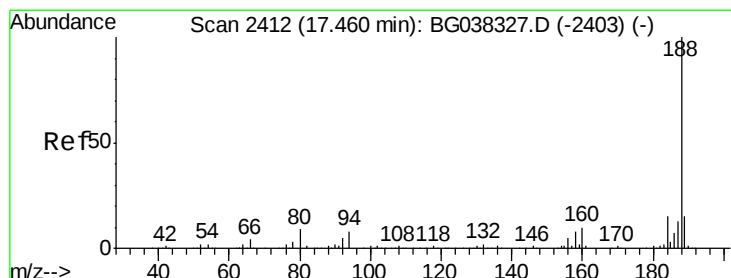
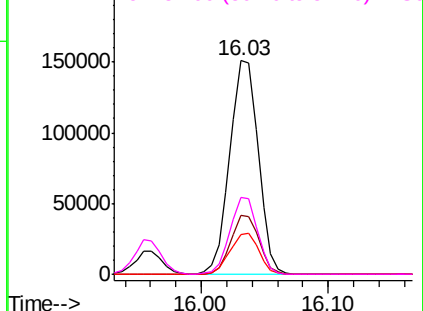


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

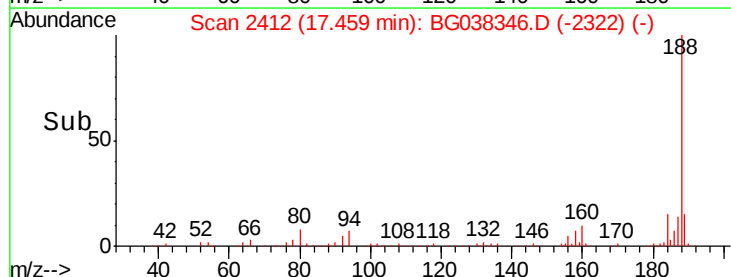
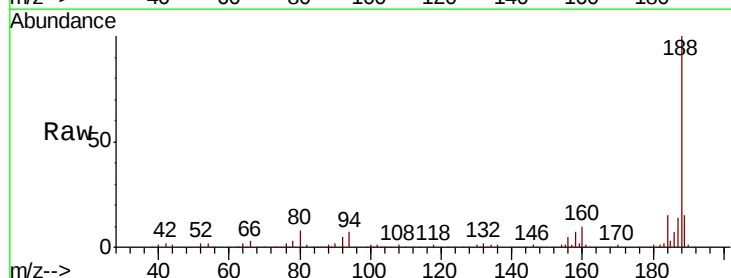
Tgt Ion: 188 Resp: 207707

Ion Ratio Lower Upper

188 100

94 7.1 7.2 10.8#

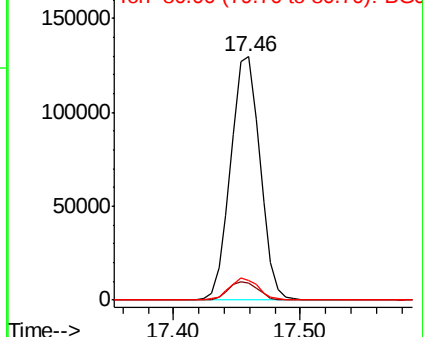
80 8.1 7.7 11.5

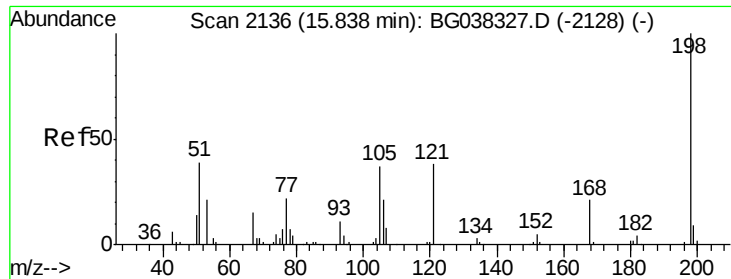


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 35.280 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

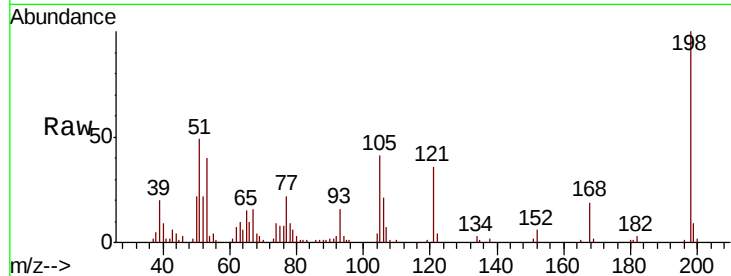
Tgt Ion:198 Resp: 48013

Ion Ratio Lower Upper

198 100

51 49.4 22.7 62.7

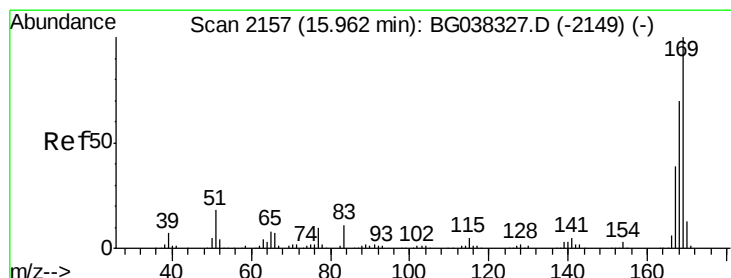
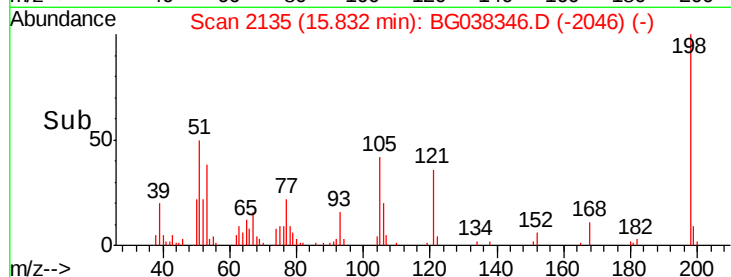
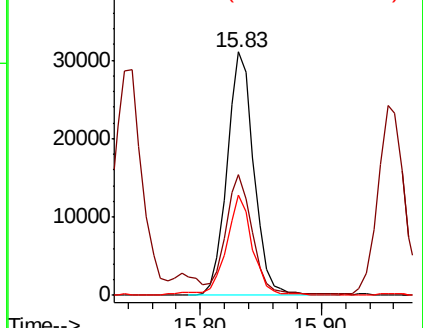
105 41.0 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.937 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

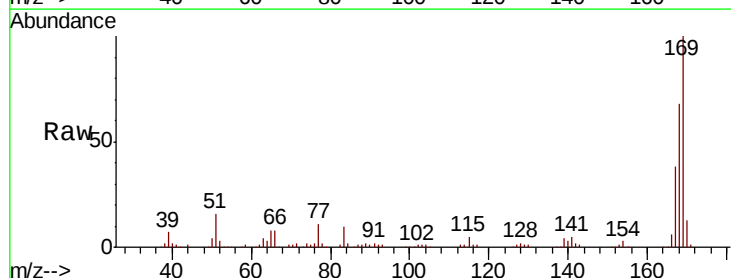
Tgt Ion:169 Resp: 215742

Ion Ratio Lower Upper

169 100

168 67.6 55.7 83.5

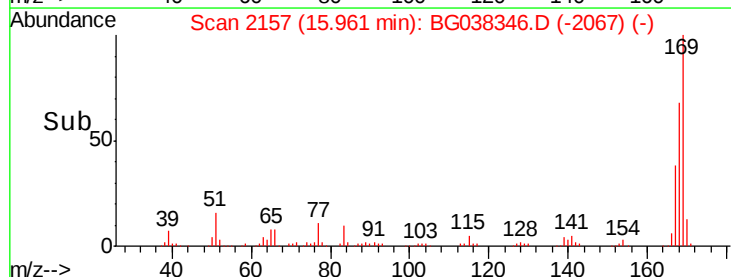
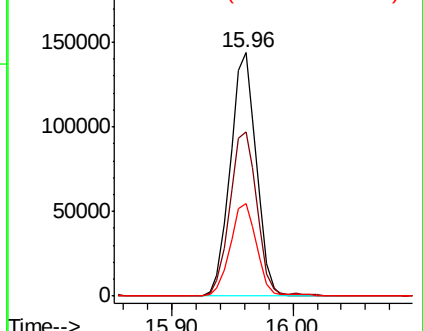
167 38.0 31.3 46.9

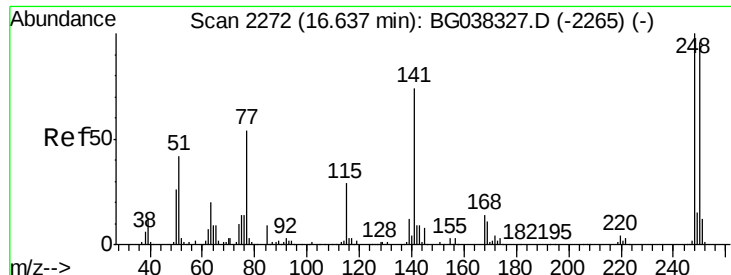


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

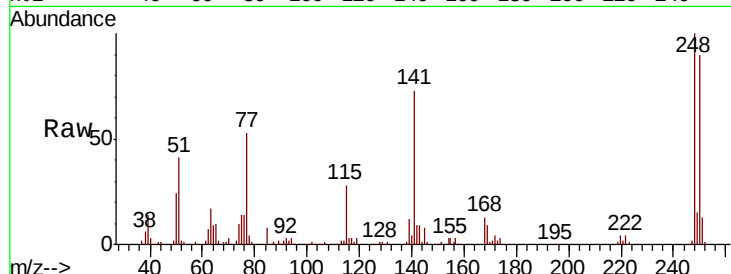




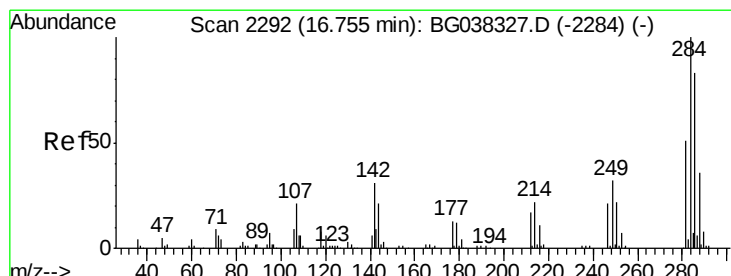
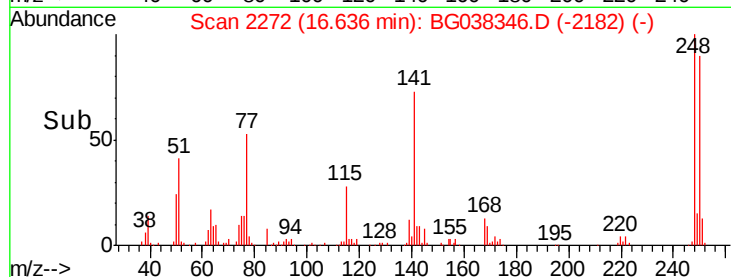
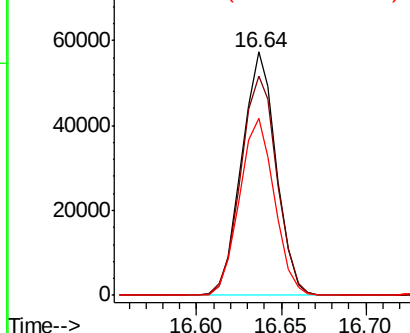
#67
4-Bromophenyl-phenylether
Concen: 36.264 ng
RT: 16.64 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Instrument :
BNA_G
ClientSampleId :
PB115253BS

Tgt Ion:248 Resp: 81341
Ion Ratio Lower Upper
248 100
250 90.2 77.0 115.6
141 72.8 55.5 83.3

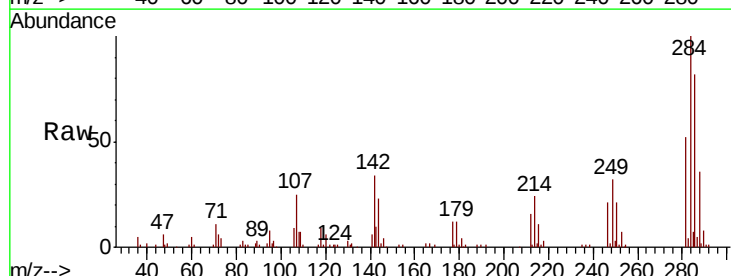


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

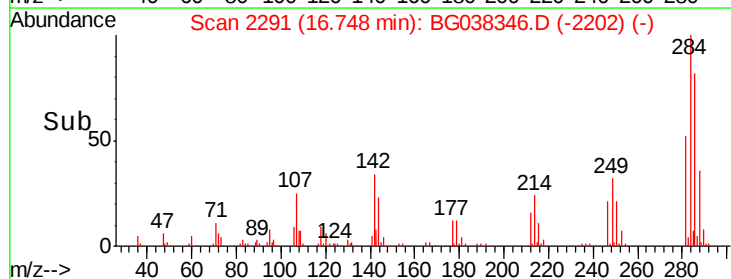
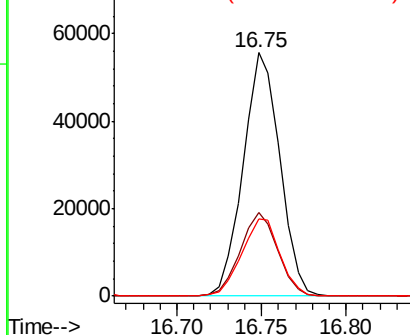


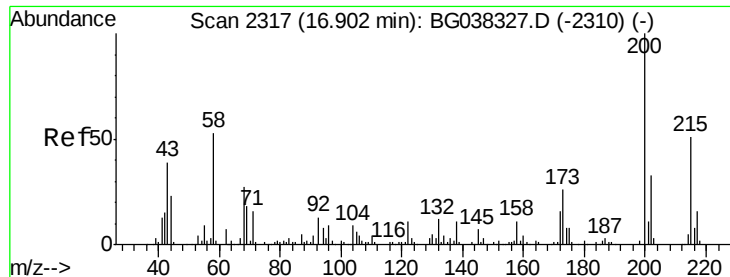
#68
Hexachlorobenzene
Concen: 36.385 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:284 Resp: 84179
Ion Ratio Lower Upper
284 100
142 34.4 28.1 42.1
249 34.5 29.8 44.8



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

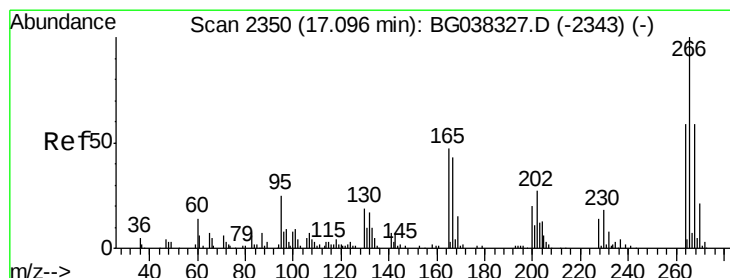
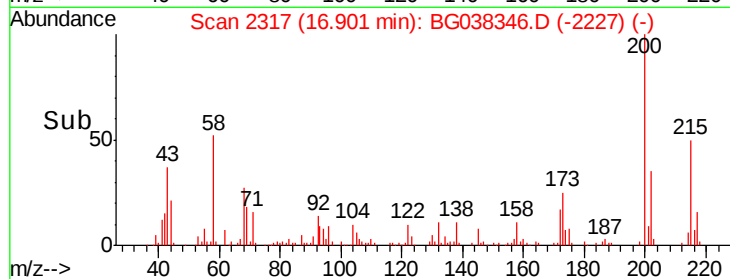
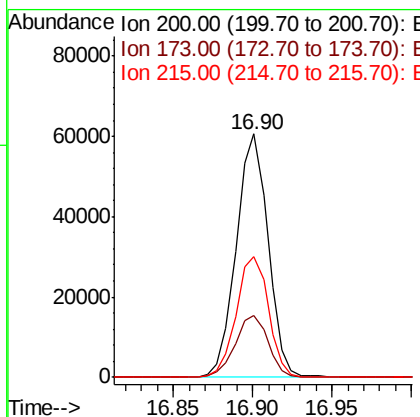
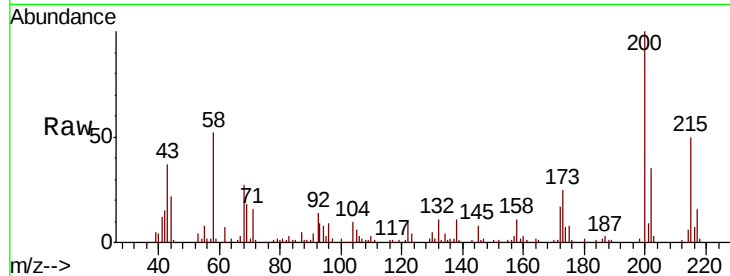




#69
 Atrazine
 Concen: 38.649 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

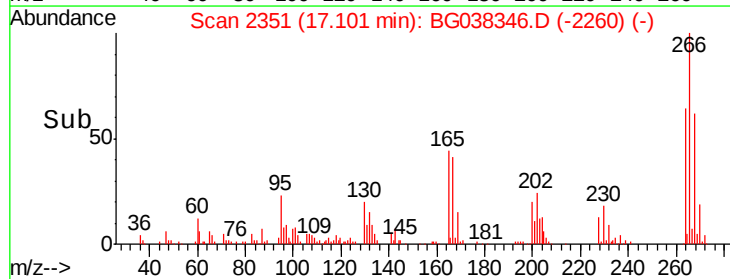
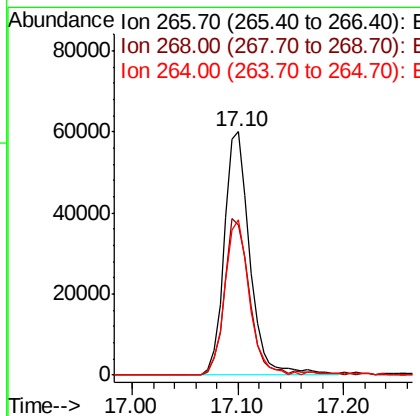
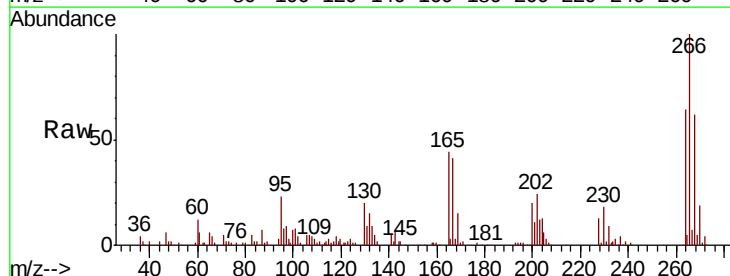
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

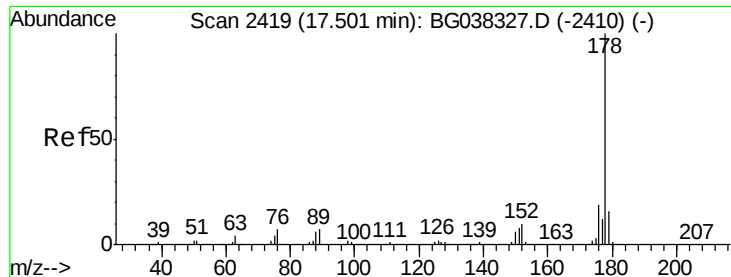
Tgt Ion:200 Resp: 84233
 Ion Ratio Lower Upper
 200 100
 173 25.2 6.1 46.1
 215 49.8 30.8 70.8



#70
 Pentachlorophenol
 Concen: 63.516 ng
 RT: 17.10 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:266 Resp: 100651
 Ion Ratio Lower Upper
 266 100
 268 66.5 55.0 82.6
 264 68.8 58.9 88.3

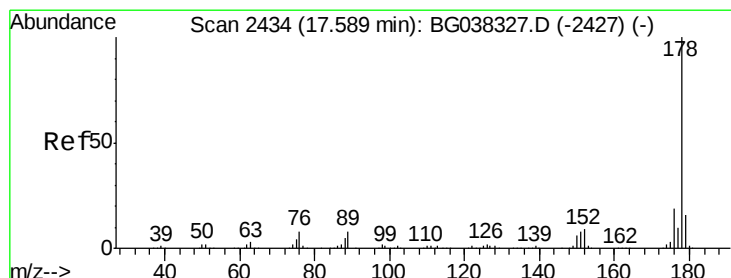
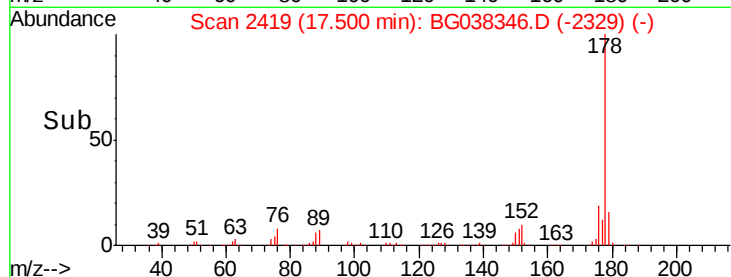
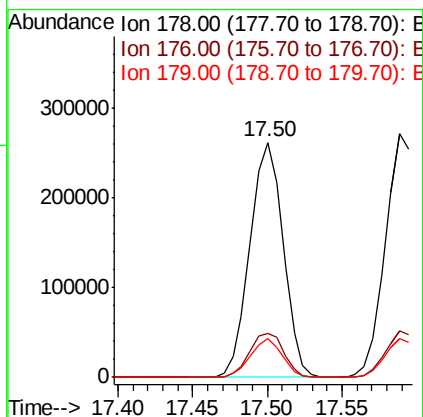
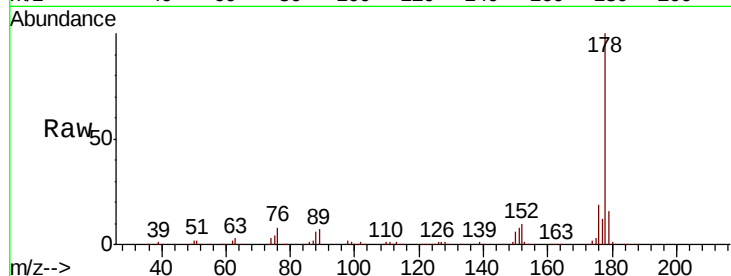




#71
 Phenanthrene
 Concen: 38.831 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

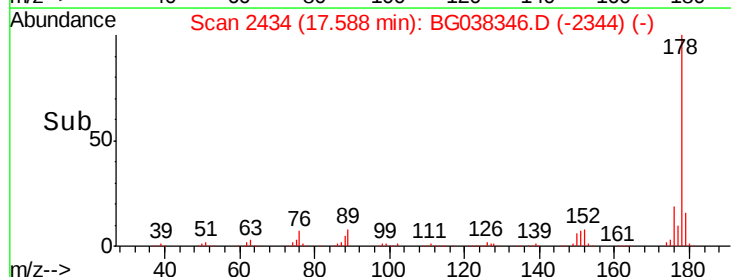
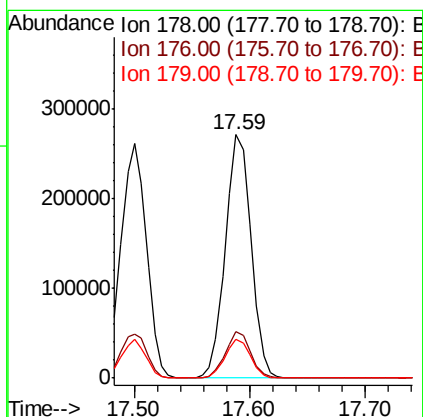
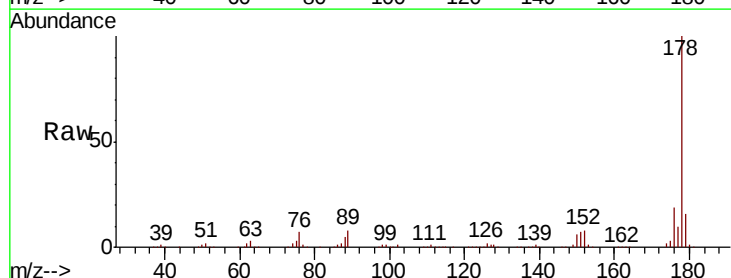
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

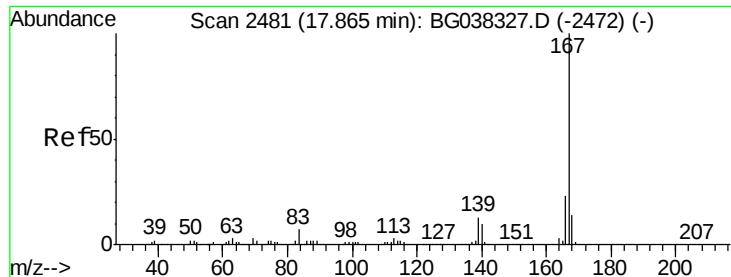
Tgt Ion:178 Resp: 403918
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.1 24.1
 179 16.3 13.0 19.4



#72
 Anthracene
 Concen: 41.546 ng
 RT: 17.59 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:178 Resp: 418505
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.0 22.4
 179 15.9 12.8 19.2

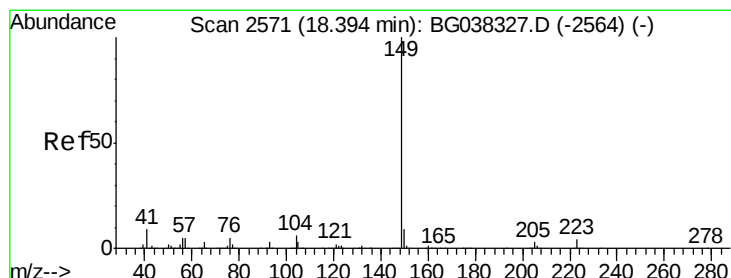
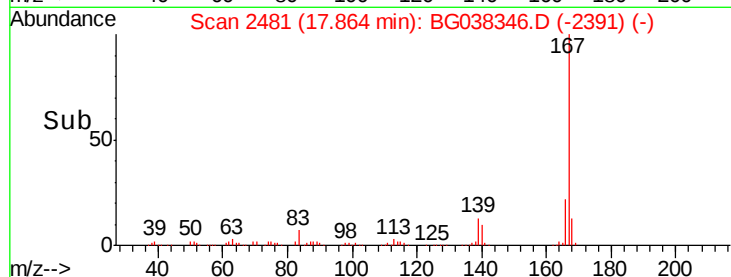
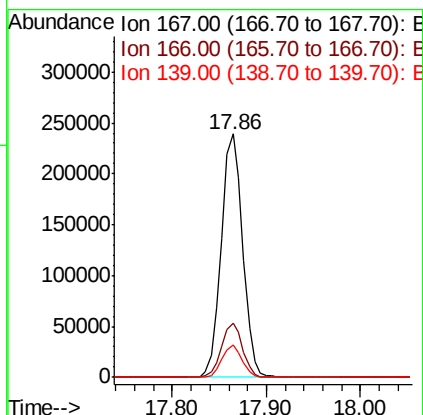
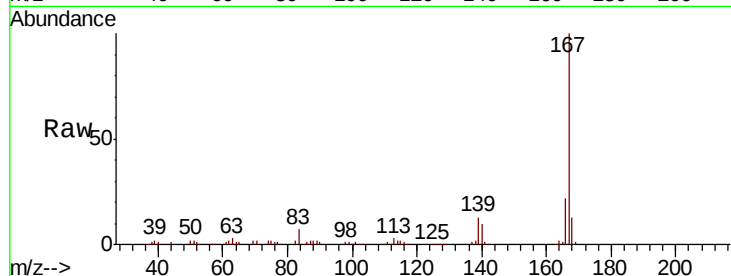




#73
 Carbazole
 Concen: 38.046 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

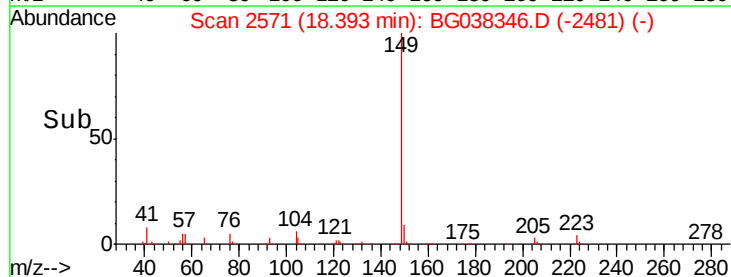
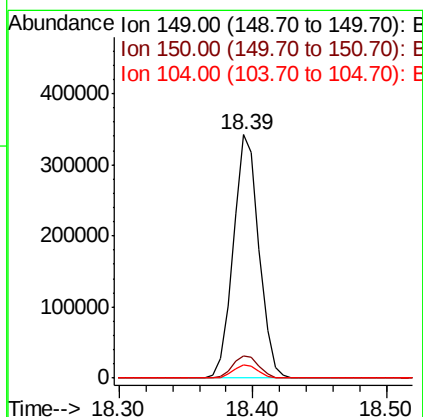
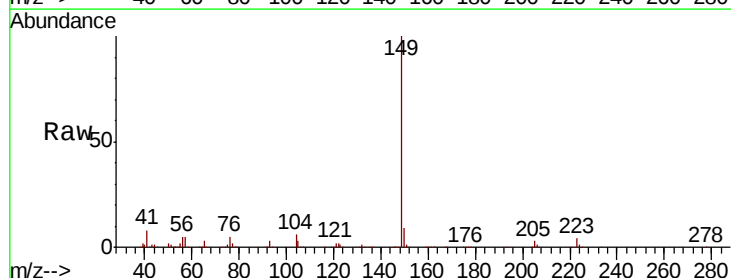
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

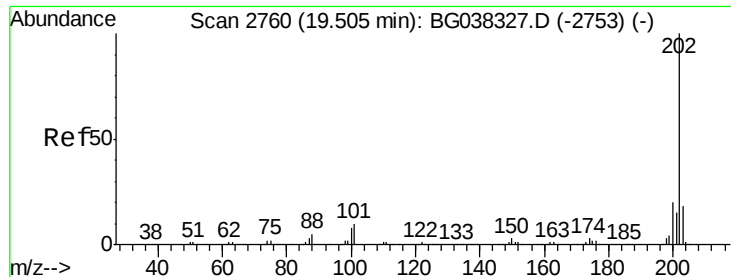
Tgt Ion:167 Resp: 380373
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.3 27.5
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 39.078 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion:149 Resp: 456416
 Ion Ratio Lower Upper
 149 100
 150 9.3 8.2 12.2
 104 5.6 4.0 6.0

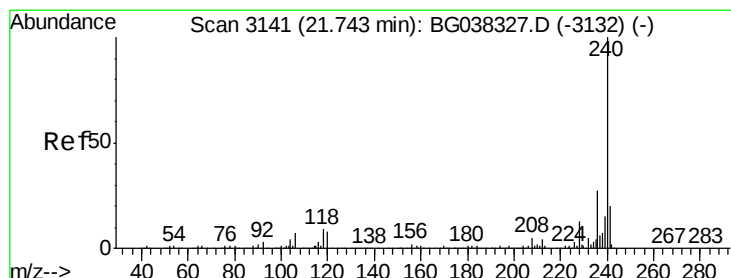
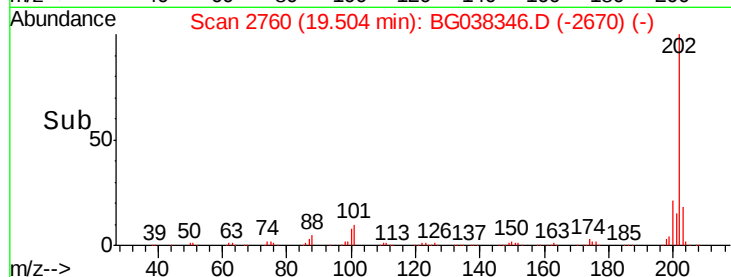
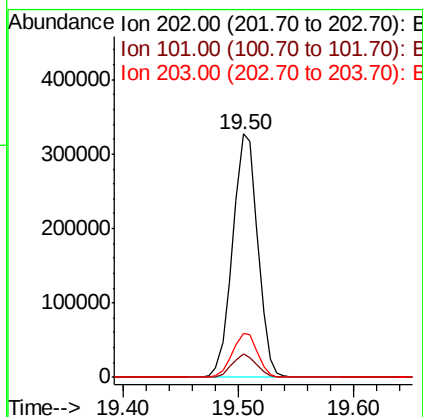
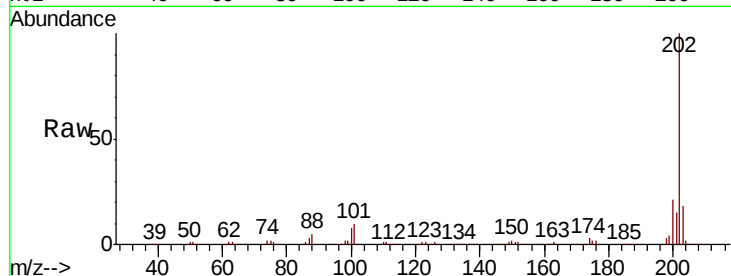




#75
 Fluoranthene
 Concen: 40.409 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

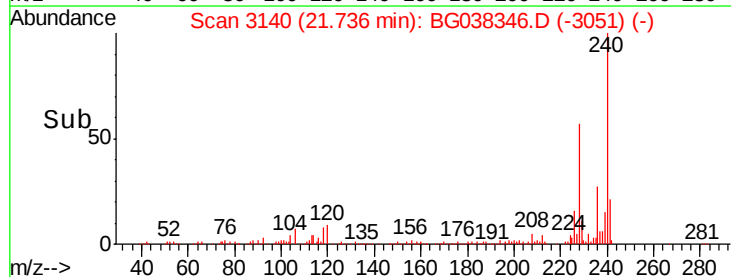
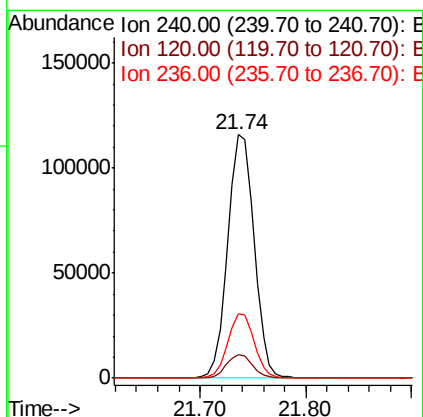
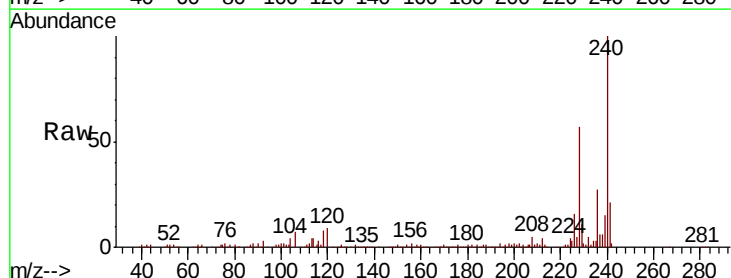
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

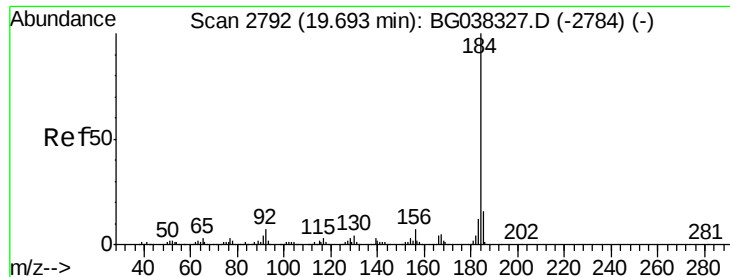
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.7
203	18.0	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.1	12.1
236	26.5	21.4	32.0





#77

Benzidine

Concen: 13.020 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

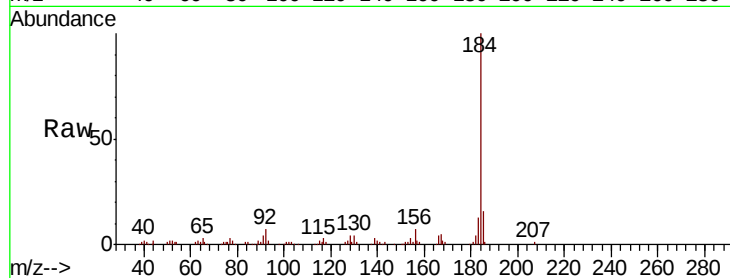
Tgt Ion:184 Resp: 87770

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

183 12.6 10.2 15.2

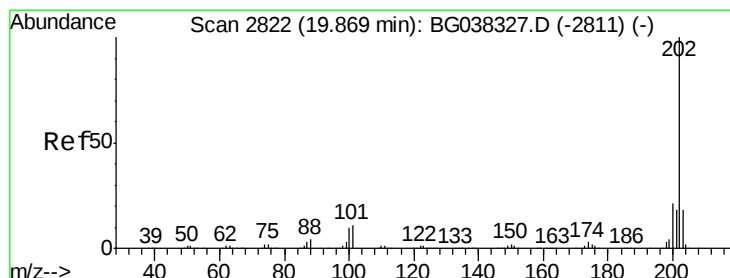
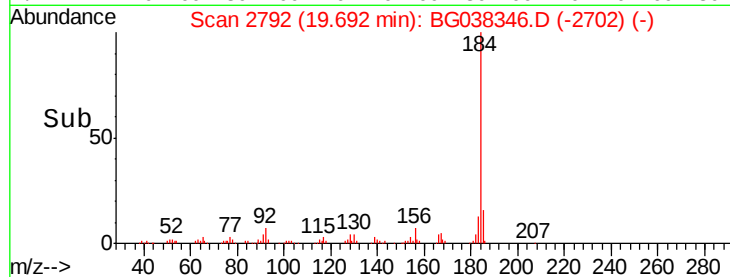
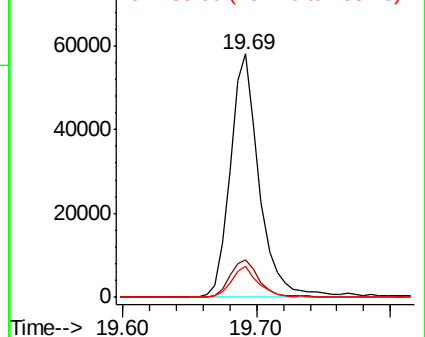


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.816 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

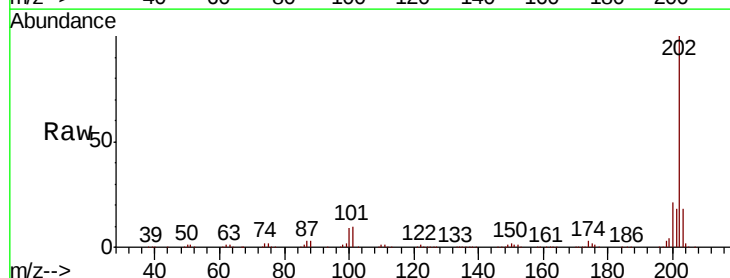
Tgt Ion:202 Resp: 500599

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

203 17.8 15.2 22.8

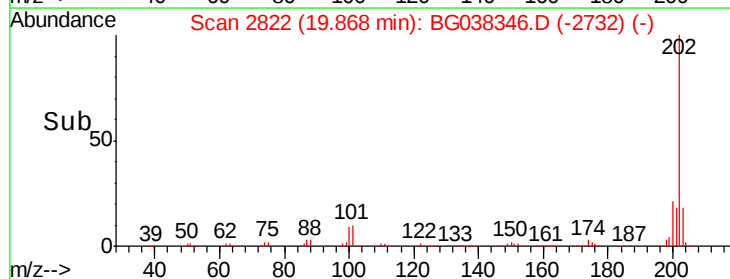
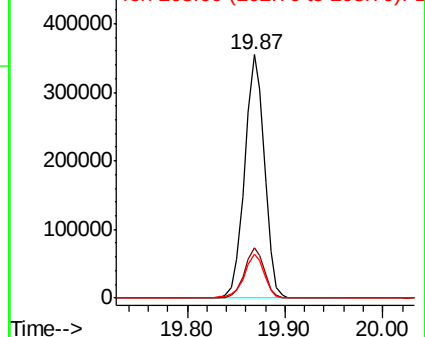


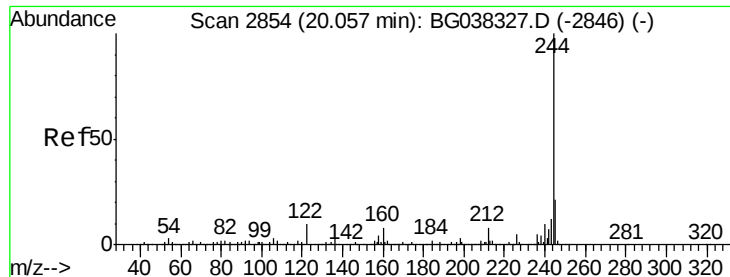
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.047 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

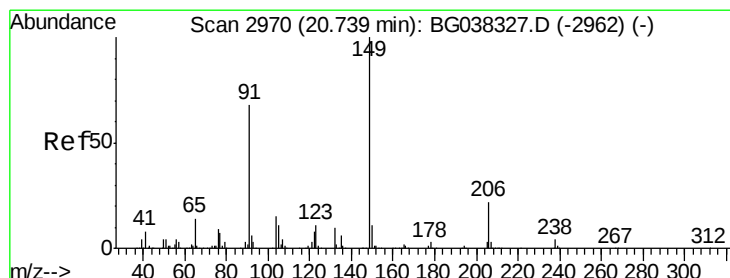
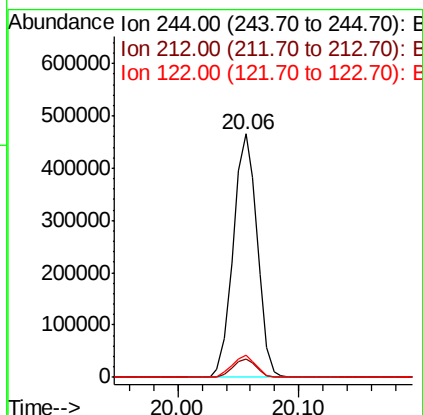
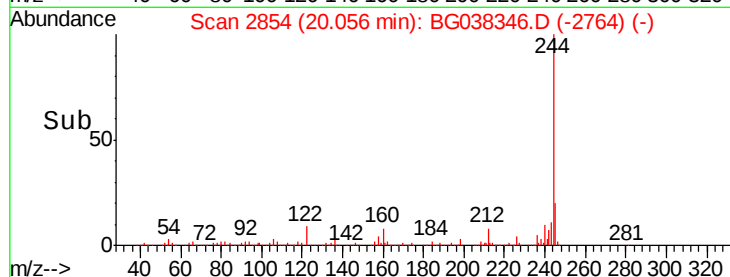
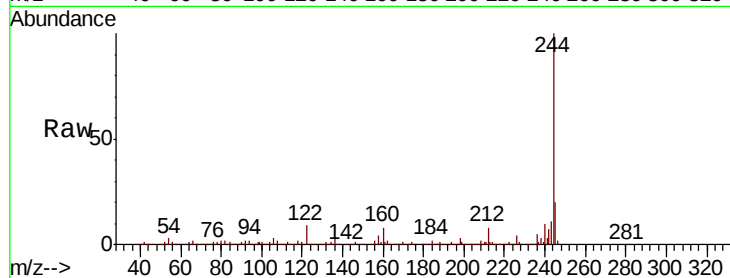
Tgt Ion:244 Resp: 643855

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.9 9.0 13.4#



#80

Butylbenzylphthalate

Concen: 36.513 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

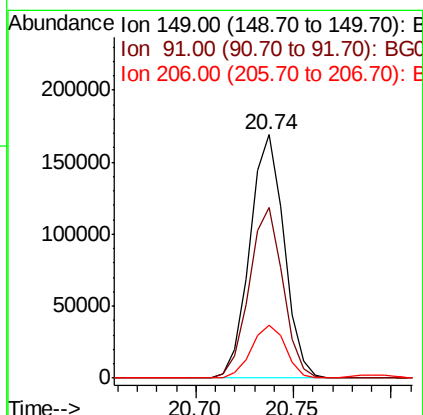
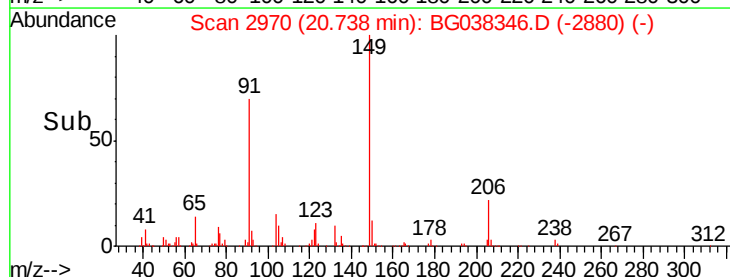
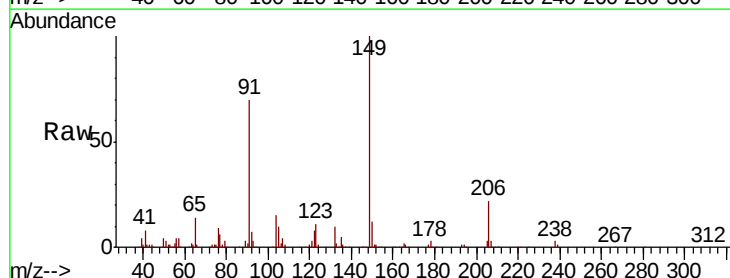
Tgt Ion:149 Resp: 205263

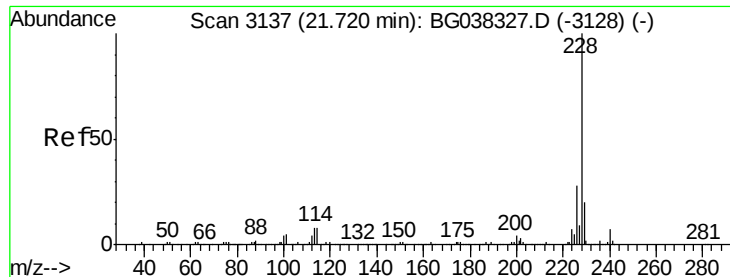
Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

206 22.0 17.8 26.6





#81

Benzo(a)anthracene

Concen: 38.302 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

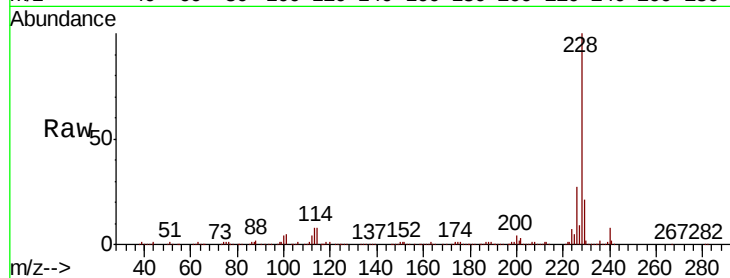
Tgt Ion:228 Resp: 470253

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

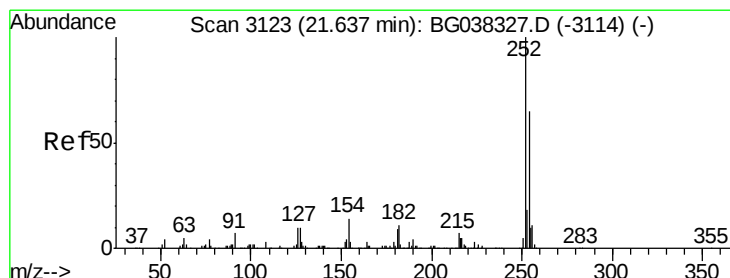
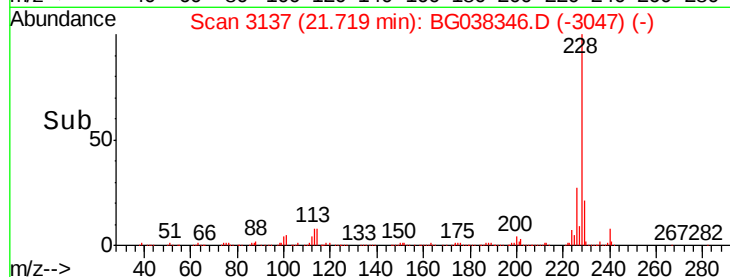
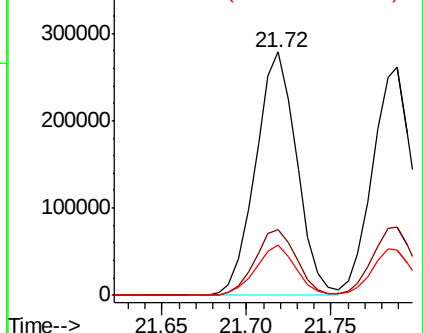
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.860 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

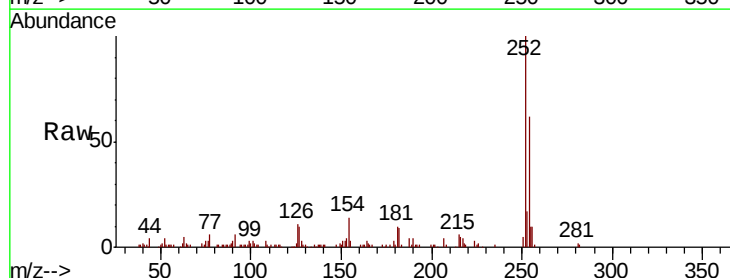
Tgt Ion:252 Resp: 61423

Ion Ratio Lower Upper

252 100

254 61.6 52.0 78.0

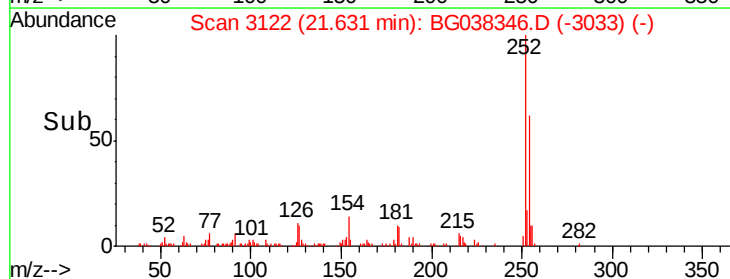
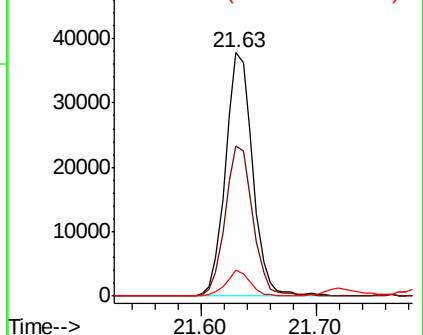
126 10.8 8.2 12.4

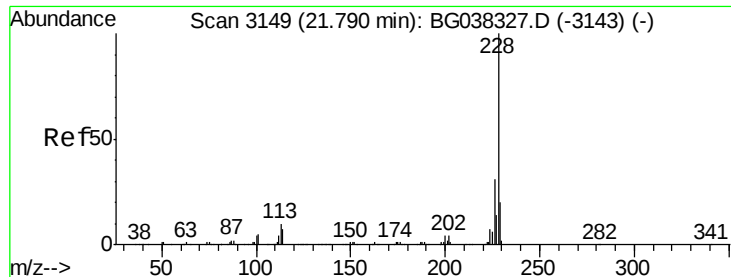


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

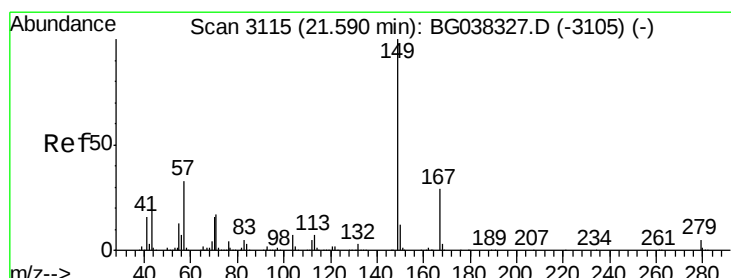
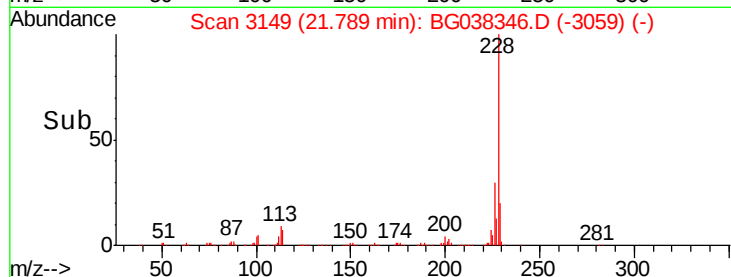
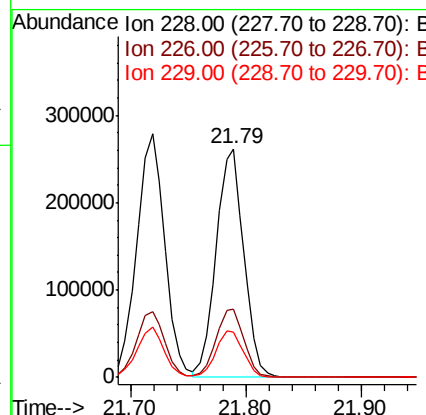
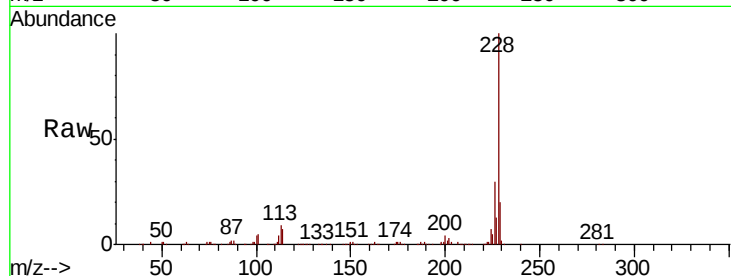




#83
 Chrysene
 Concen: 37.374 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

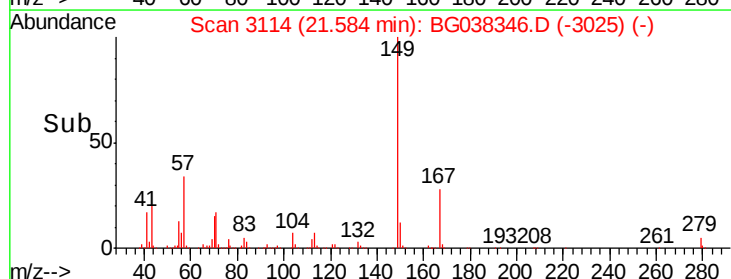
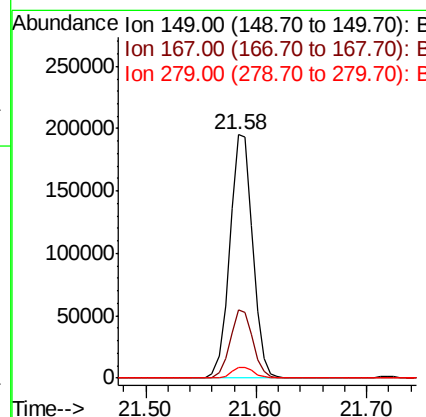
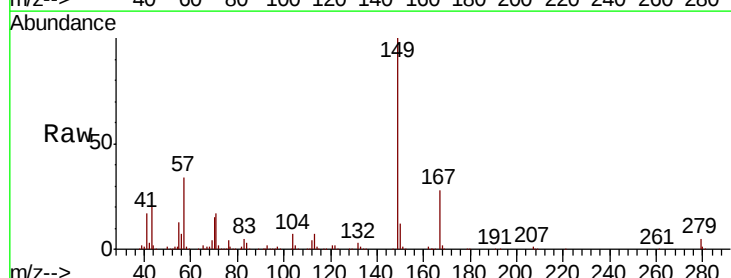
Instrument :
 BNA_G
 ClientSampleId :
 PB115253BS

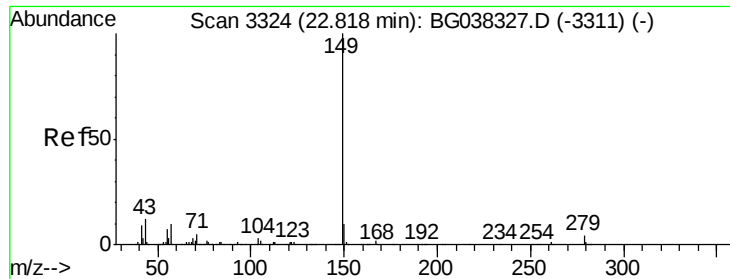
Tgt Ion: 228 Resp: 434230
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.7 38.5
 229 19.9 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.604 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038346.D
 Acq: 5 Dec 2018 5:08

Tgt Ion: 149 Resp: 283690
 Ion Ratio Lower Upper
 149 100
 167 28.0 23.0 34.4
 279 4.6 3.6 5.4

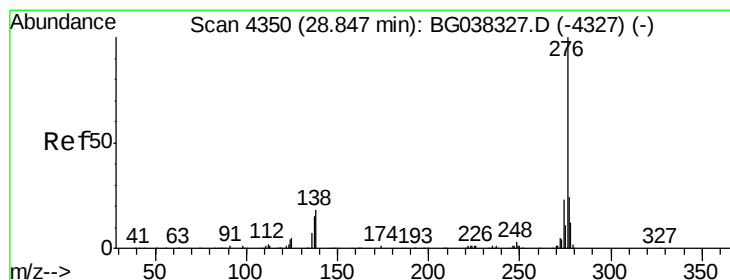
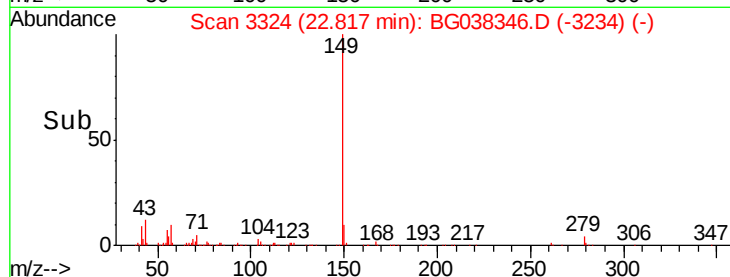
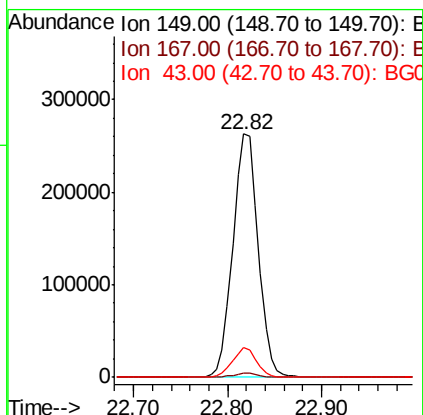
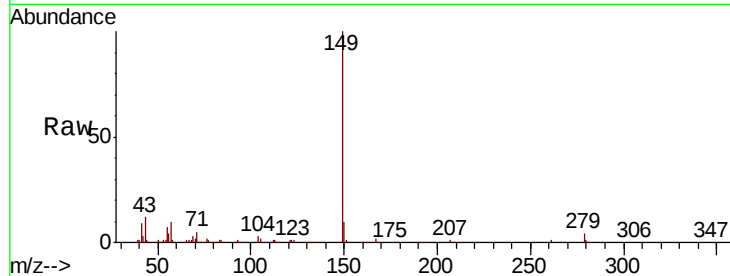




#85
Di-n-octyl phthalate
Concen: 35.884 ng
RT: 22.82 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

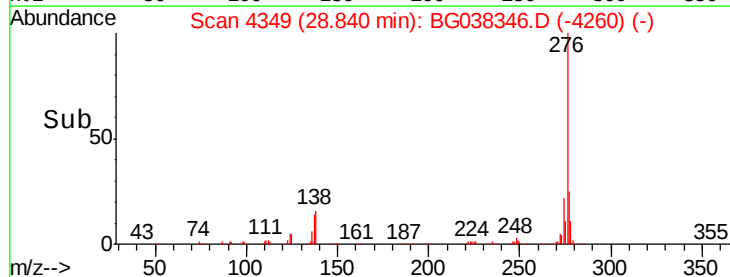
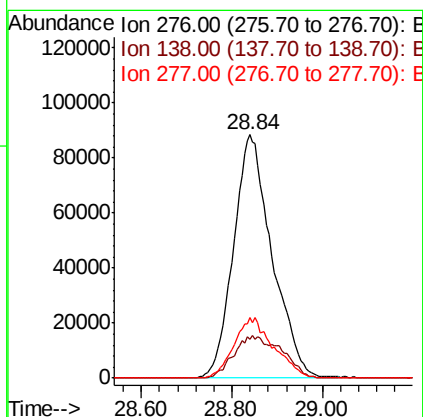
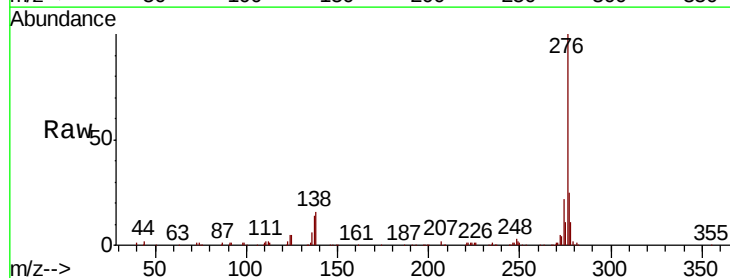
Instrument :
BNA_G
ClientSampleId :
PB115253BS

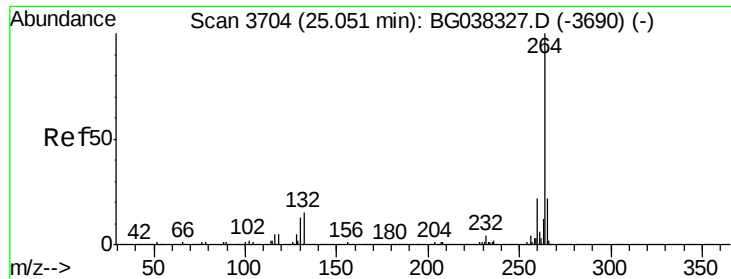
Tgt Ion:149 Resp: 490269
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.503 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:276 Resp: 521609
Ion Ratio Lower Upper
276 100
138 14.3 12.0 18.0
277 25.6 20.6 30.8

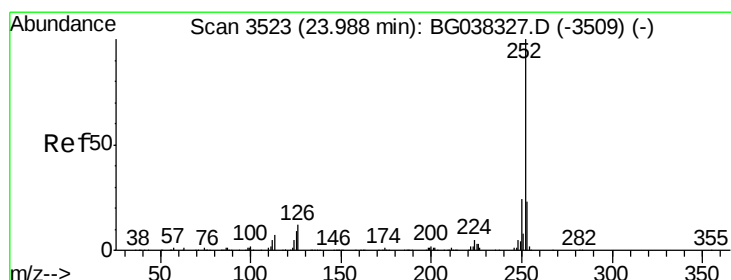
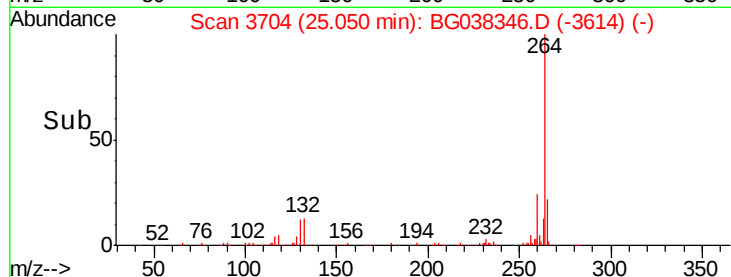
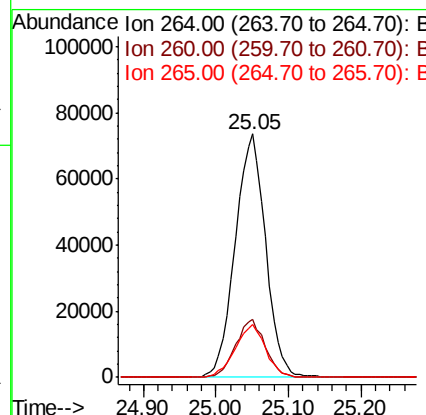
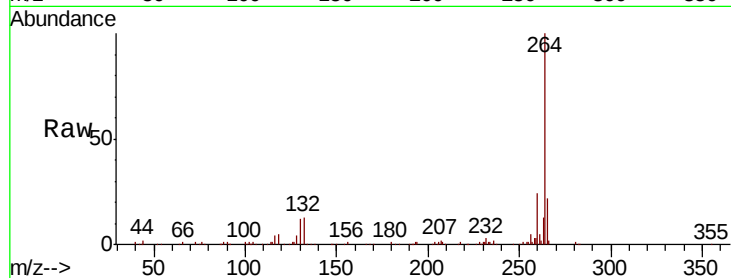




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

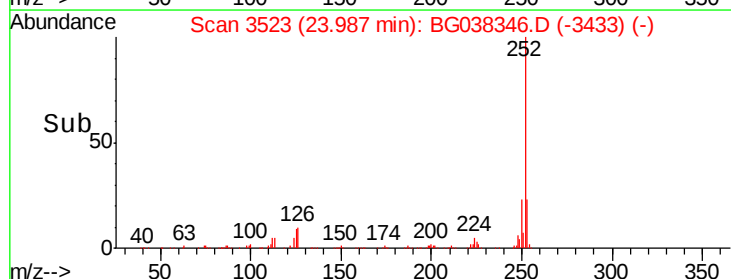
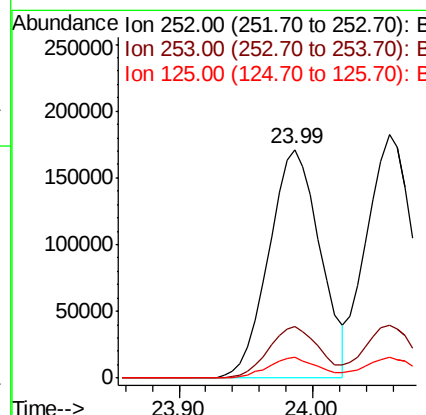
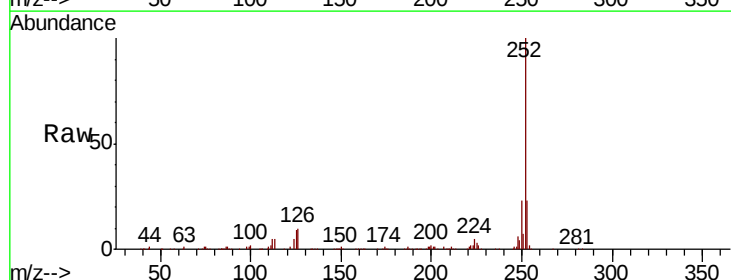
Instrument :
BNA_G
ClientSampleId :
PB115253BS

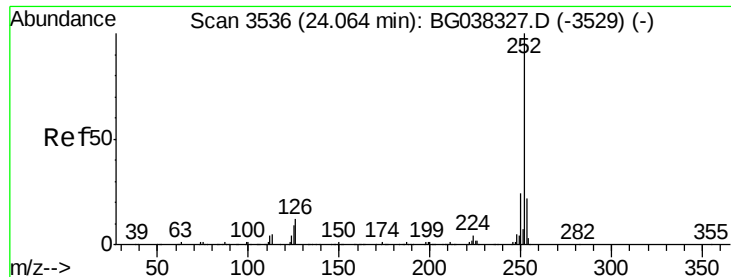
Tgt Ion:264 Resp: 214325
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.4
265 21.8 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 37.812 ng
RT: 23.99 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG038346.D
Acq: 5 Dec 2018 5:08

Tgt Ion:252 Resp: 457912
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.9 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 36.932 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

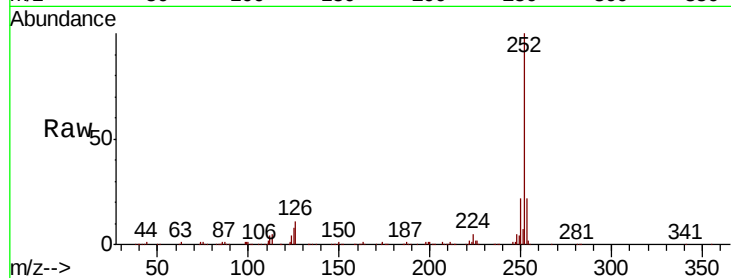
Tgt Ion:252 Resp: 445444

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

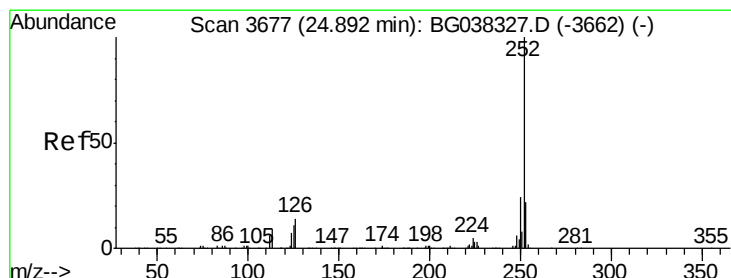
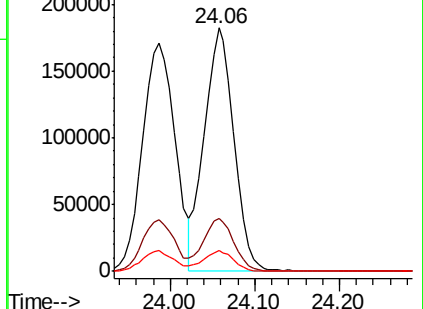
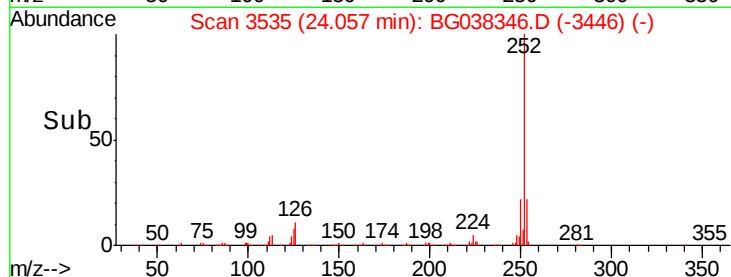
125 8.4 7.4 11.0



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: 37.927 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

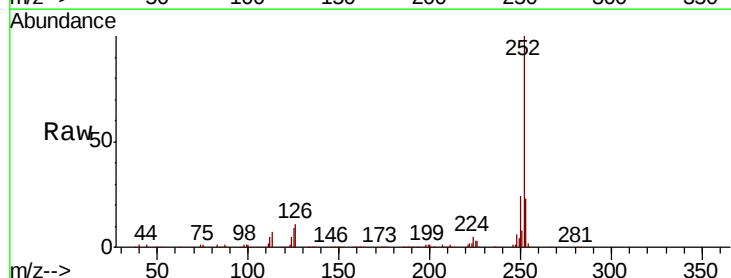
Tgt Ion:252 Resp: 445518

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

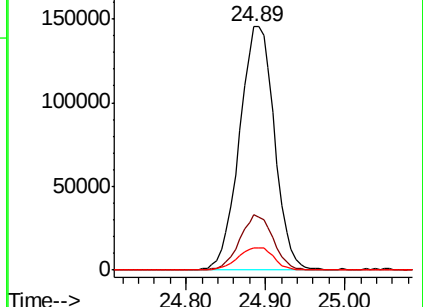
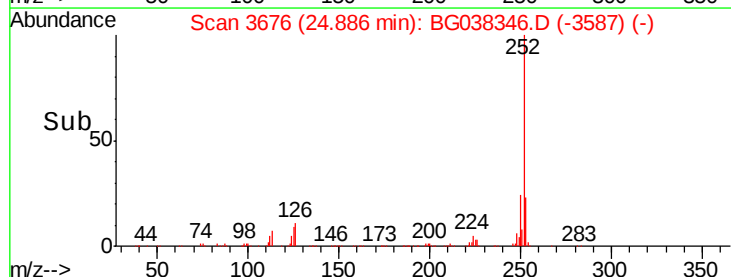
125 9.3 9.0 13.6

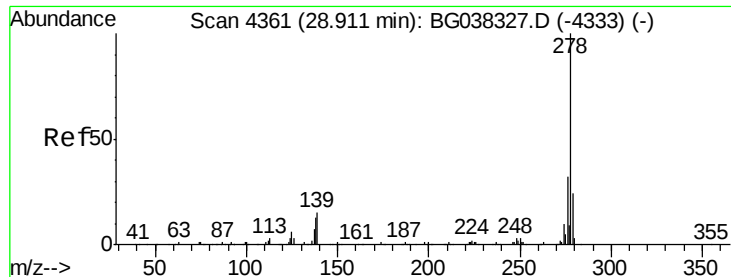


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.841 ng

RT: 28.90 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

Instrument :

BNA_G

ClientSampleId :

PB115253BS

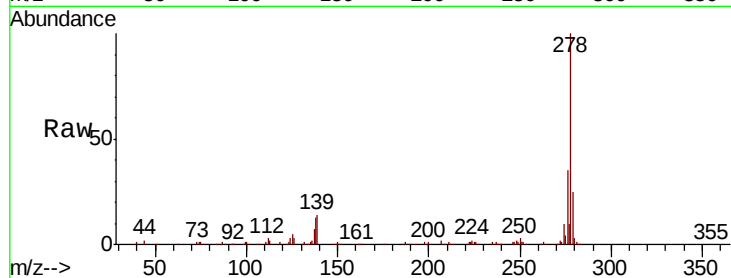
Tgt Ion: 278 Resp: 432723

Ion Ratio Lower Upper

278 100

139 14.2 11.5 17.3

279 24.8 18.6 27.8

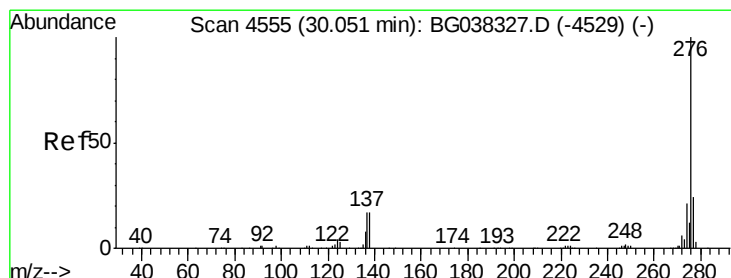
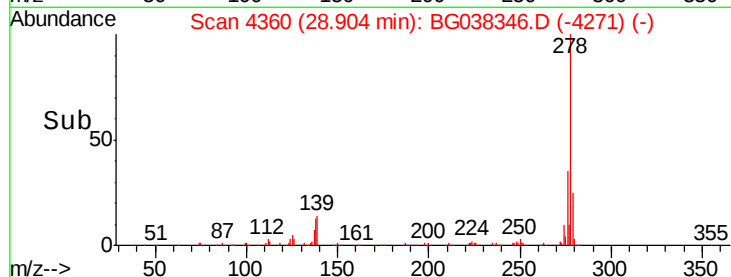
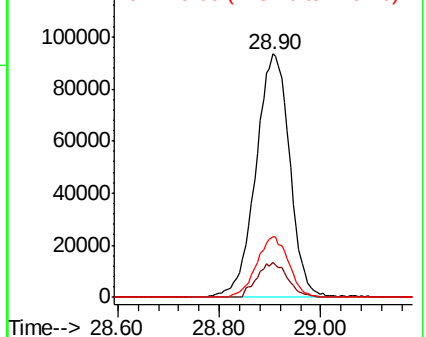


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.348 ng

RT: 30.04 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BG038346.D

Acq: 5 Dec 2018 5:08

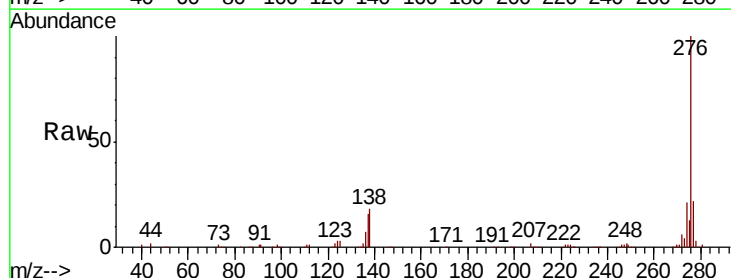
Tgt Ion: 276 Resp: 434930

Ion Ratio Lower Upper

276 100

277 22.0 18.9 28.3

138 18.1 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

