

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019870.D
 Acq On : 3 Dec 2015 14:43
 Operator : UM/NP
 Sample : G4583-21MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Quant Time: Dec 03 16:18:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23587	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	101583	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	73400	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	191633	20.00	ng	0.00
75) Chrysene-d12	21.78	240	231732	20.00	ng	0.00
86) Perylene-d12	25.07	264	217739	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	198727	152.27	ng	0.00
7) Phenol-d6	7.27	99	284660	144.47	ng	0.00
23) Nitrobenzene-d5	9.29	82	210949	105.98	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	182457	162.46	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	528618	98.34	ng	0.00
78) Terphenyl-d14	20.10	244	990358	104.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	19806	38.96	ng	# 100
3) Pyridine	3.95	79	63009	40.81	ng	# 88
4) n-Nitrosodimethylamine	3.85	42	38781	47.75	ng	# 72
6) Aniline	7.45	93	83239	32.62	ng	# 83
8) 2-Chlorophenol	7.69	128	82845	52.06	ng	97
9) Benzaldehyde	7.26	77	27647	21.04	ng	88
10) Phenol	7.30	94	102619	49.48	ng	78
11) bis(2-Chloroethyl)ether	7.54	93	77263	50.31	ng	92
12) 1,3-Dichlorobenzene	8.01	146	82862	45.94	ng	# 92
13) 1,4-Dichlorobenzene	8.16	146	84041	45.11	ng	95
14) 1,2-Dichlorobenzene	8.48	146	82556	46.46	ng	95
15) Benzyl Alcohol	8.36	79	94071	54.40	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	116388	46.46	ng	93
17) 2-Methylphenol	8.56	107	76417	52.20	ng	# 89
18) Hexachloroethane	9.22	117	32139	46.07	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	73432	47.25	ng	# 87
20) 3+4-Methylphenols	8.89	107	106205	51.52	ng	91
22) Acetophenone	8.95	105	133459	47.93	ng	# 91
24) Nitrobenzene	9.34	77	113613	52.62	ng	88
25) Isophorone	9.87	82	209321	49.05	ng	# 96
26) 2-Nitrophenol	10.05	139	45559	54.64	ng	# 58
27) 2,4-Dimethylphenol	10.10	122	89991	51.82	ng	88
28) bis(2-Chloroethoxy)methane	10.35	93	113999	54.67	ng	99
29) 2,4-Dichlorophenol	10.58	162	98101	55.30	ng	96
30) 1,2,4-Trichlorobenzene	10.81	180	97858	48.81	ng	98
31) Naphthalene	11.01	128	2341795	430.33	ng	# 89
32) Benzoic acid	10.21	122	36969	33.64	ng	98
33) 4-Chloroaniline	11.10	127	17542	7.32	ng	# 89
34) Hexachlorobutadiene	11.28	225	68119	46.06	ng	97
35) Caprolactam	11.88	113	20368	30.84	ng	# 71
36) 4-Chloro-3-methylphenol	12.21	107	116802	52.87	ng	94
37) 2-Methylnaphthalene	12.59	142	292516	73.35	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	135102	48.50	ng	99
40) Hexachlorocyclopentadiene	12.94	237	135683	85.43	ng	97

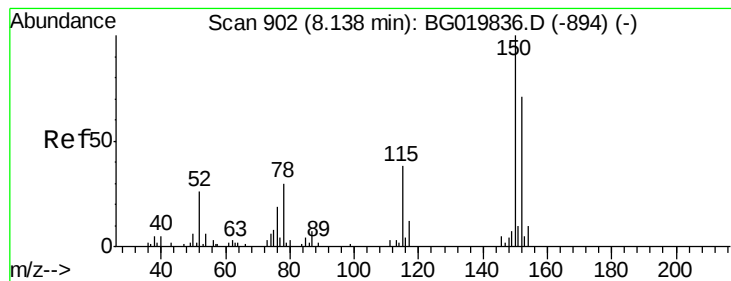
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	96787	52.48	ng	98
43) 2,4,5-Trichlorophenol	13.26	196	105479	54.12	ng	95
45) 1,1'-Biphenyl	13.59	154	304988	50.63	ng	99
46) 2-Chloronaphthalene	13.64	162	233882	50.37	ng	97
47) 2-Nitroaniline	13.83	65	85201	58.10	ng	89
48) Acenaphthylene	14.48	152	429977	54.37	ng	99
49) Dimethylphthalate	14.21	163	328069	49.69	ng	# 99
50) 2,6-Dinitrotoluene	14.33	165	70664	56.92	ng	# 71
51) Acenaphthene	14.82	154	312501	65.12	ng	98
52) 3-Nitroaniline	14.66	138	43371	33.63	ng	93
53) 2,4-Dinitrophenol	14.86	184	52694	79.79	ng	95
54) Dibenzofuran	15.16	168	400519	56.10	ng	94
55) 4-Nitrophenol	14.95	139	115695	103.00	ng	# 59
56) 2,4-Dinitrotoluene	15.11	165	104423	60.29	ng	# 87
57) Fluorene	15.80	166	349210	54.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	107192	59.43	ng	97
59) Diethylphthalate	15.57	149	355559	49.76	ng	99
60) 4-Chlorophenyl-phenylether	15.79	204	180500	49.20	ng	97
61) 4-Nitroaniline	15.81	138	78374	54.03	ng	# 72
62) Azobenzene	16.08	77	331554	55.76	ng	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	49235	46.02	ng	92
65) n-Nitrosodiphenylamine	16.01	169	299729	54.05	ng	99
66) 4-Bromophenyl-phenylether	16.69	248	122157	51.30	ng	95
67) Hexachlorobenzene	16.80	284	135047	54.44	ng	98
68) Atrazine	16.95	200	129637	53.81	ng	95
69) Pentachlorophenol	17.14	266	151586	104.70	ng	98
70) Phenanthrene	17.54	178	646553	59.63	ng	97
71) Anthracene	17.64	178	592707	53.67	ng	97
72) Carbazole	17.90	167	535577	55.05	ng	98
73) Di-n-butylphthalate	18.46	149	621575	52.13	ng	98
74) Fluoranthene	19.54	202	728704	52.55	ng	95
76) Benzidine	19.72	184	118409	15.56	ng	96
77) Pyrene	19.90	202	746435	54.75	ng	98
79) Butylbenzylphthalate	20.79	149	283120	52.98	ng	94
80) Benzo(a)anthracene	21.76	228	748894	52.79	ng	99
81) 3,3'-Dichlorobenzidine	21.67	252	148217	27.44	ng	# 97
82) Chrysene	21.83	228	685458	50.89	ng	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	410752	52.38	ng	97
84) Di-n-octyl phthalate	22.92	149	688742	54.02	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.86	276	839554	56.59	ng	# 100
87) Benzo(b)fluoranthene	24.03	252	741981	53.77	ng	# 95
88) Benzo(k)fluoranthene	24.10	252	693005	50.71	ng	# 94
89) Benzo(a)pyrene	24.93	252	694292	52.99	ng	# 96
90) Dibenzo(a,h)anthracene	28.93	278	698031	53.93	ng	# 92
91) Benzo(g,h,i)perylene	30.04	276	691129	54.38	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

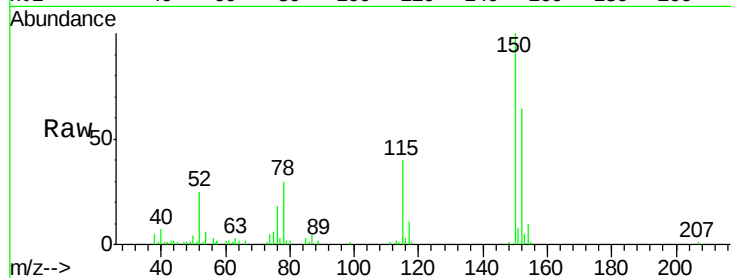
Tgt Ion:152 Resp: 23587

Ion Ratio Lower Upper

152 100

150 157.4 115.0 172.4

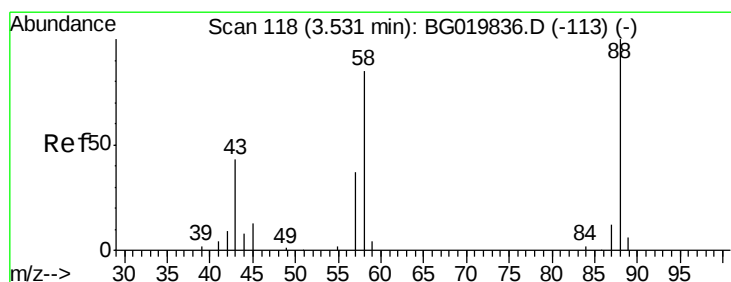
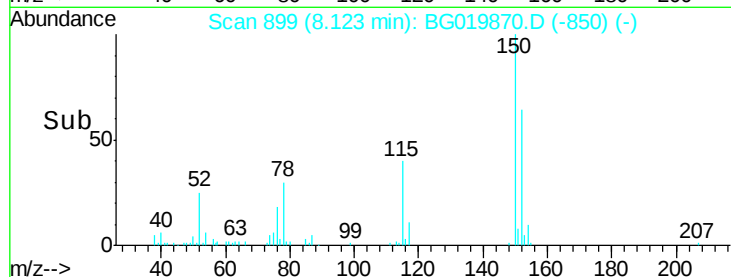
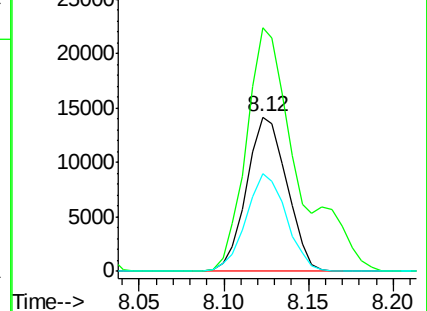
115 63.0 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.96 ng

RT: 3.54 min Scan# 119

Delta R.T. 0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

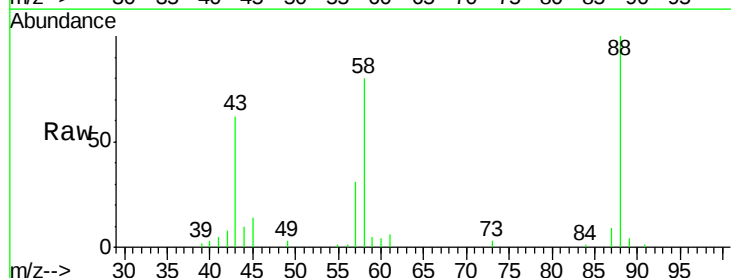
Tgt Ion: 88 Resp: 19806

Ion Ratio Lower Upper

88 100

58 90.6 0.0 0.0#

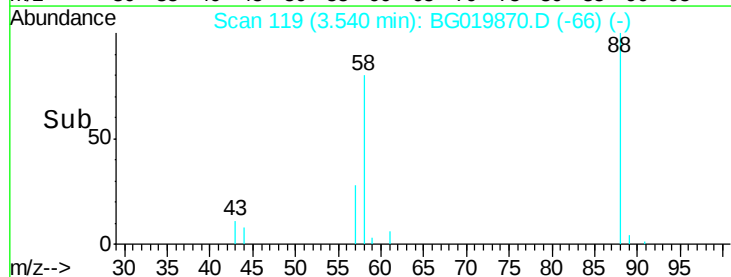
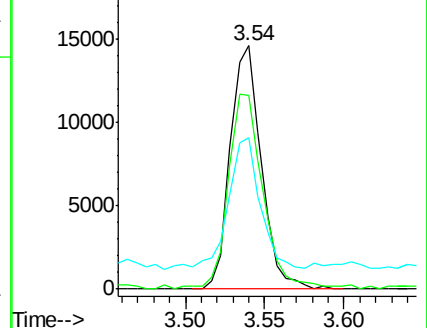
43 55.6 0.0 0.0#



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: 40.81 ng

RT: 3.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

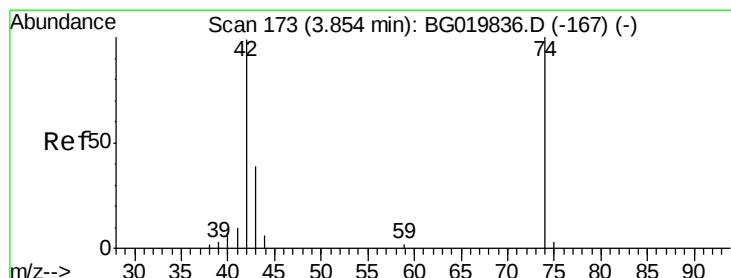
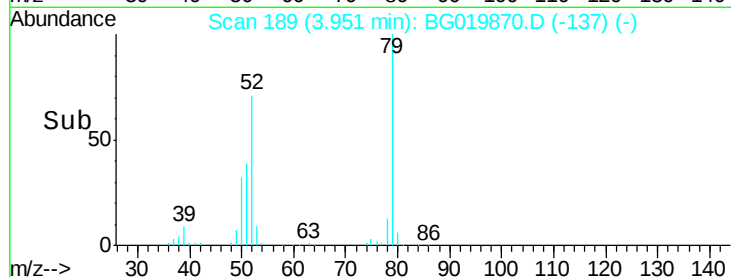
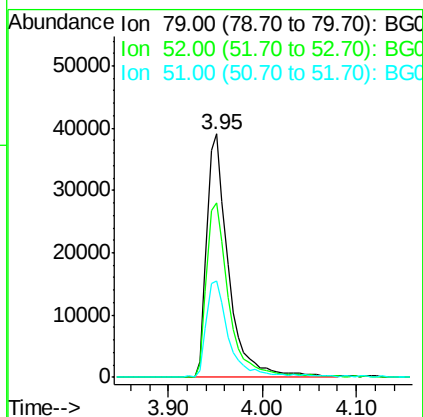
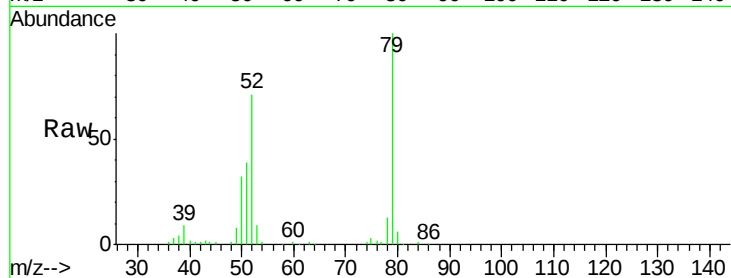
Tgt Ion: 79 Resp: 63009

Ion Ratio Lower Upper

79 100

52 71.4 50.3 75.5

51 39.4 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 47.75 ng

RT: 3.85 min Scan# 172

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

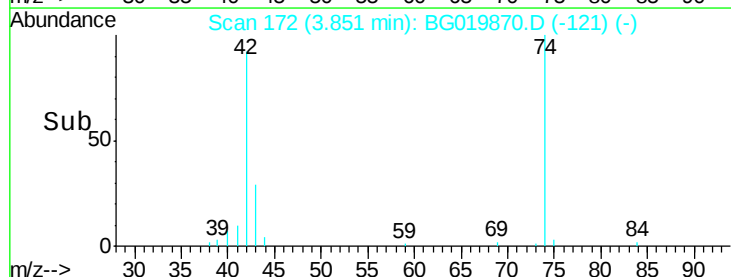
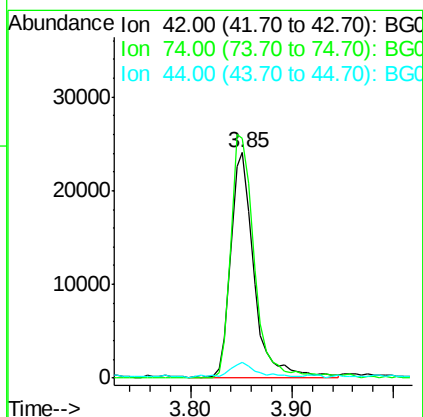
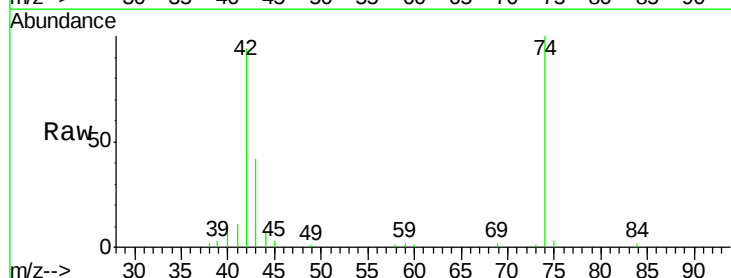
Tgt Ion: 42 Resp: 38781

Ion Ratio Lower Upper

42 100

74 106.6 113.9 170.9#

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 152.27 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

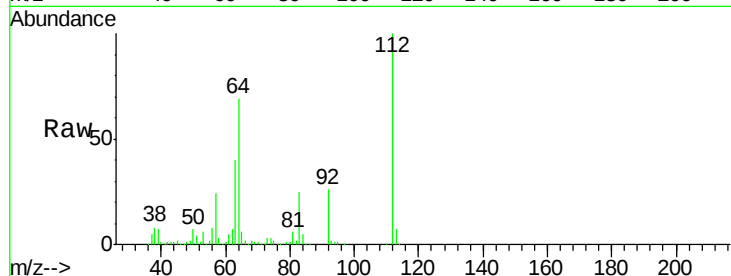
Tgt Ion: 112 Resp: 198727

Ion Ratio Lower Upper

112 100

64 68.8 43.7 65.5#

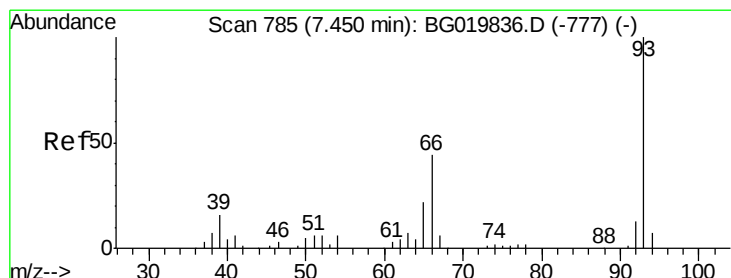
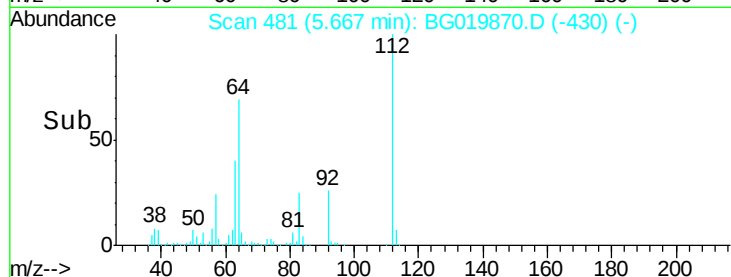
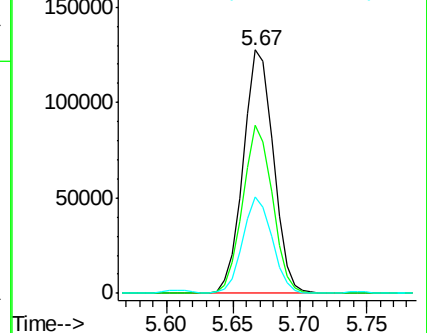
63 39.5 24.0 36.0#



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: 32.62 ng

RT: 7.45 min Scan# 784

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

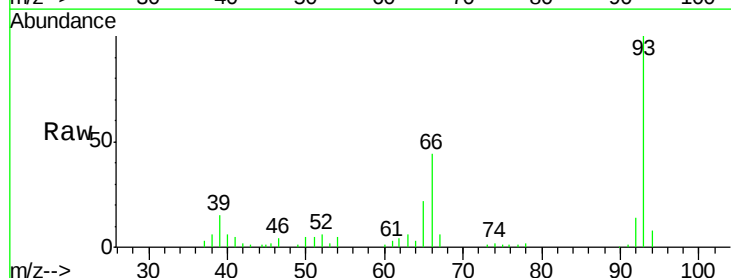
Tgt Ion: 93 Resp: 83239

Ion Ratio Lower Upper

93 100

66 44.3 26.2 39.2#

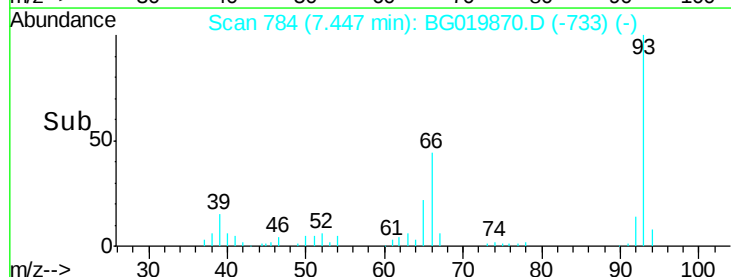
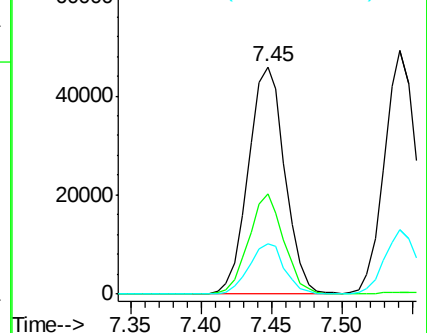
65 21.9 14.0 21.0#

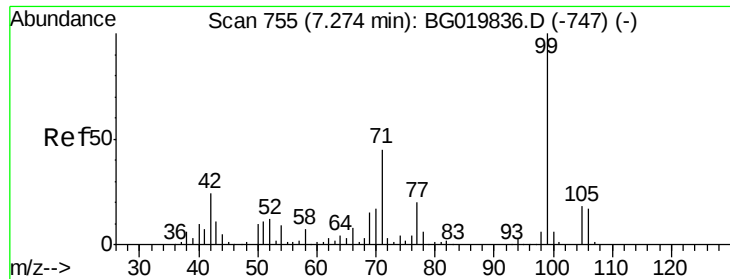


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.47 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

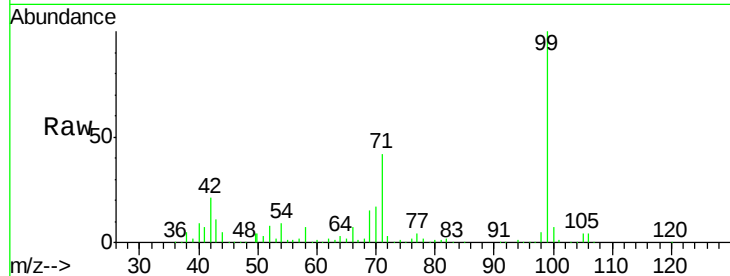
Tgt Ion: 99 Resp: 284660

Ion Ratio Lower Upper

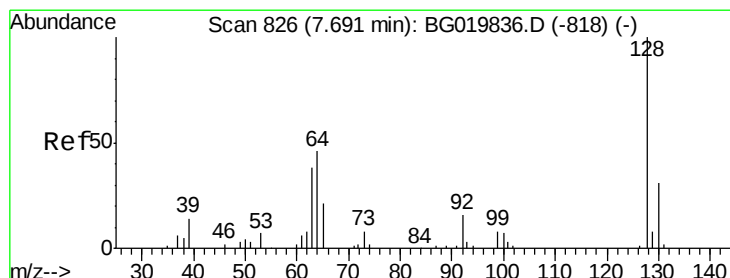
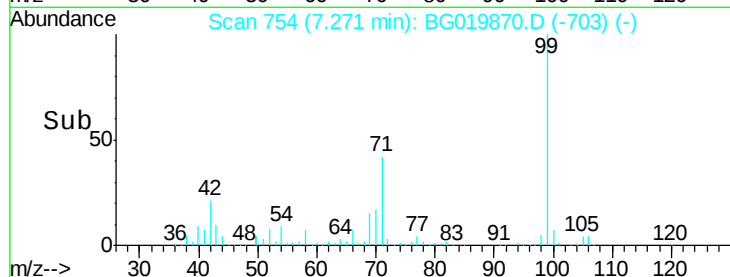
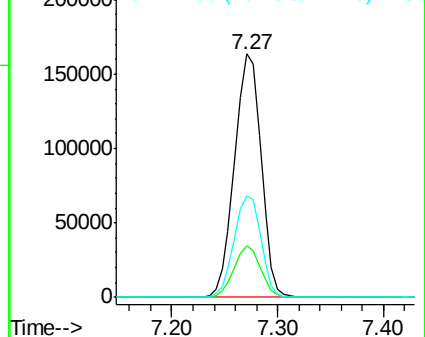
99 100

42 21.1 11.5 17.3#

71 41.7 22.6 34.0#



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: 52.06 ng

RT: 7.69 min Scan# 825

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

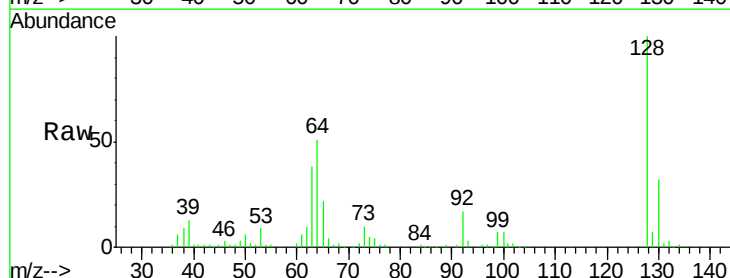
Tgt Ion: 128 Resp: 82845

Ion Ratio Lower Upper

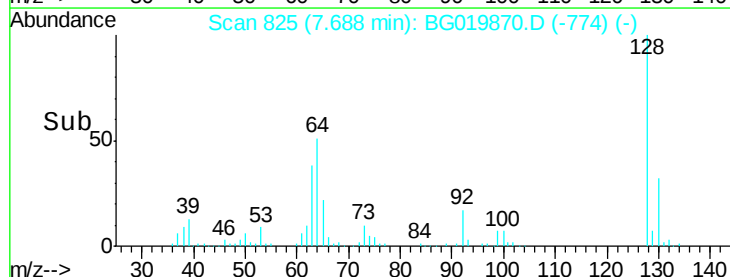
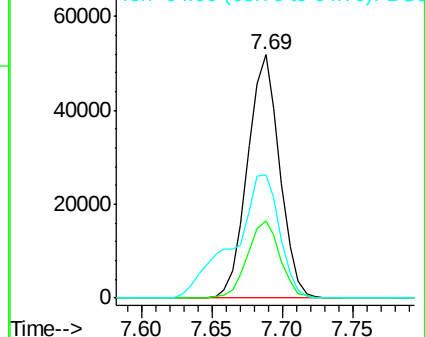
128 100

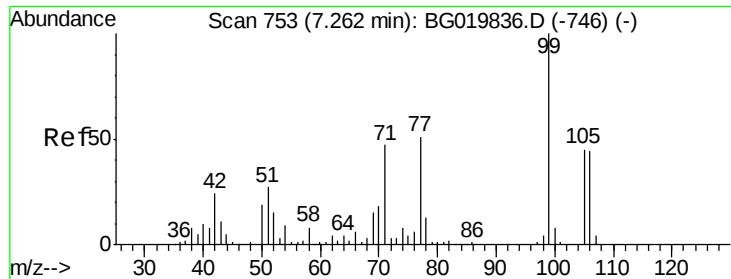
130 31.7 13.0 53.0

64 50.8 28.2 68.2



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





#9

Benzaldehyde

Concen: 21.04 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

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SB-P3WC-09(0-8)MS

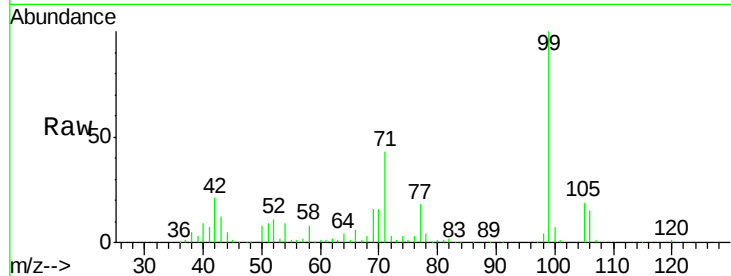
Tgt Ion: 77 Resp: 27647

Ion Ratio Lower Upper

77 100

105 105.3 77.7 117.7

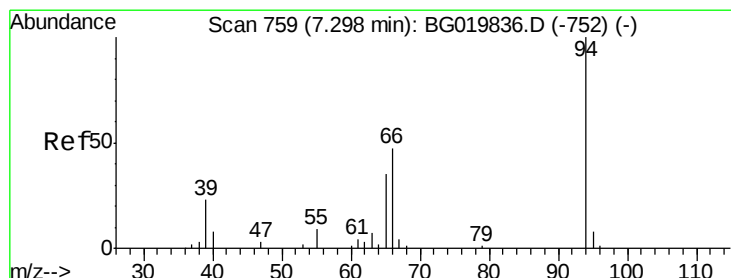
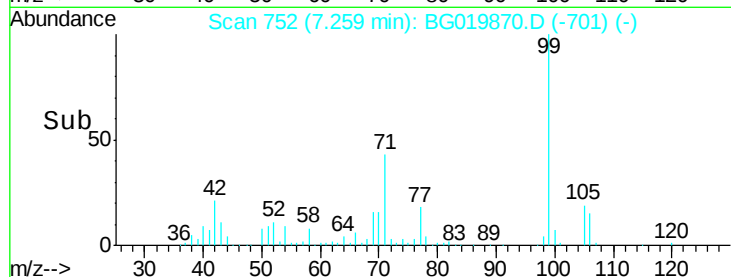
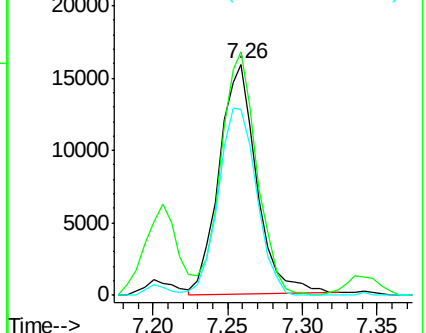
106 80.4 75.8 115.8



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: 49.48 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

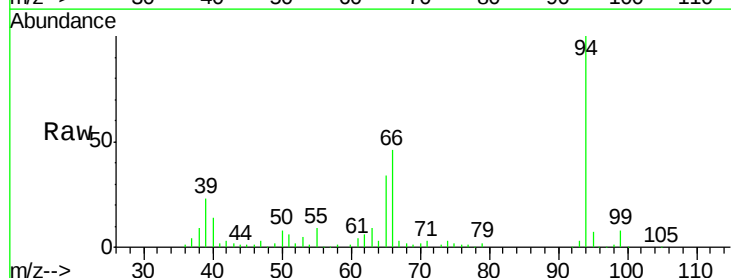
Tgt Ion: 94 Resp: 102619

Ion Ratio Lower Upper

94 100

65 33.8 5.4 45.4

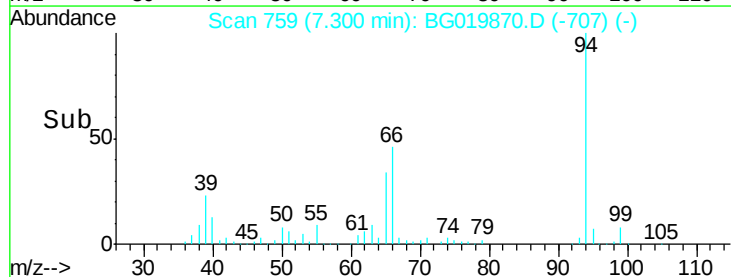
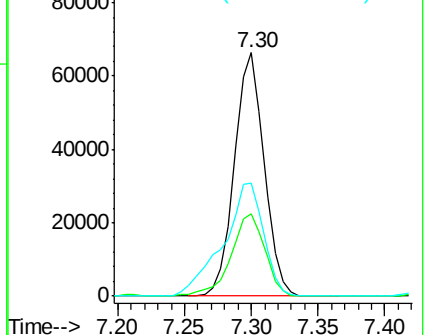
66 46.4 11.8 51.8

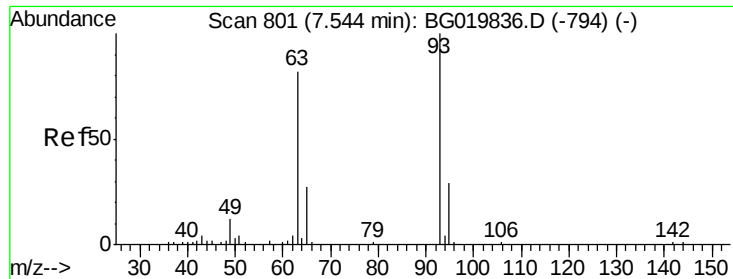


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



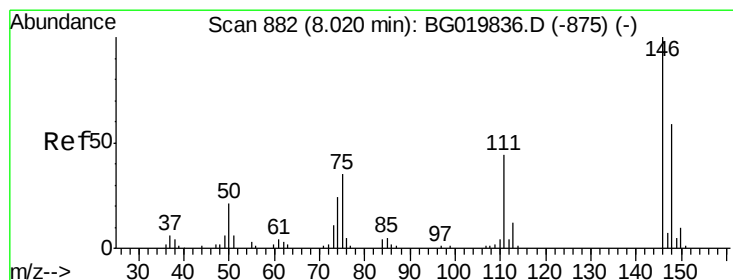
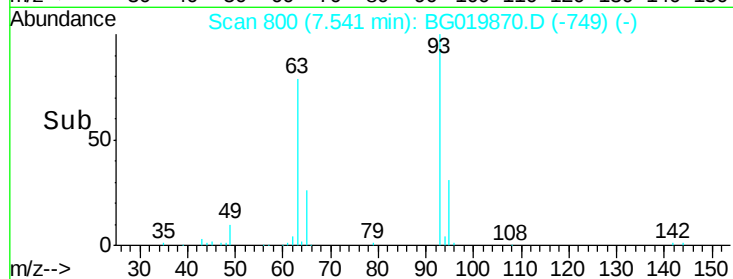
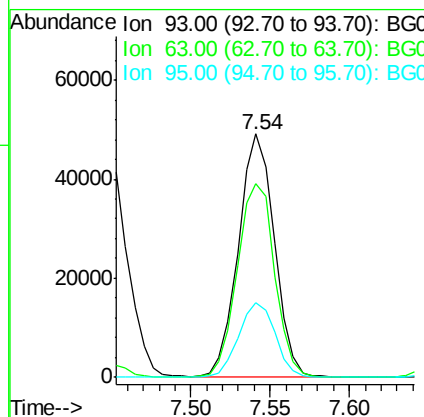
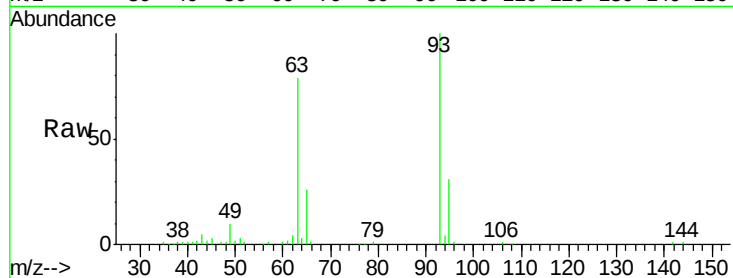


#11
bis(2-Chloroethyl)ether
Concen: 50.31 ng
RT: 7.54 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion: 93 Resp: 77263

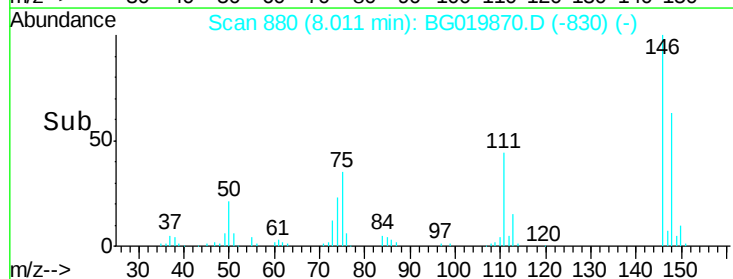
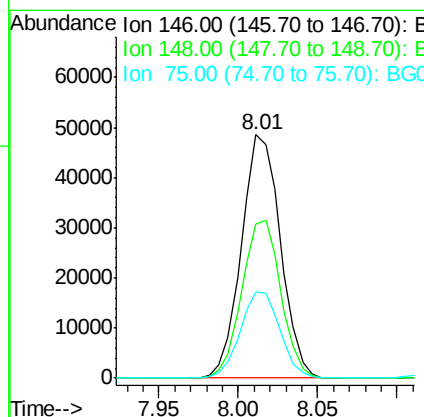
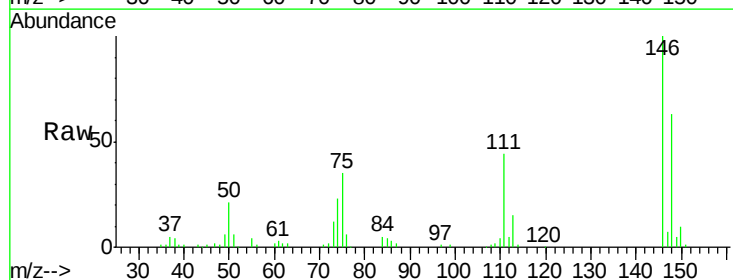
Ion	Ratio	Lower	Upper
93	100		
63	79.5	50.5	90.5
95	30.8	12.2	52.2

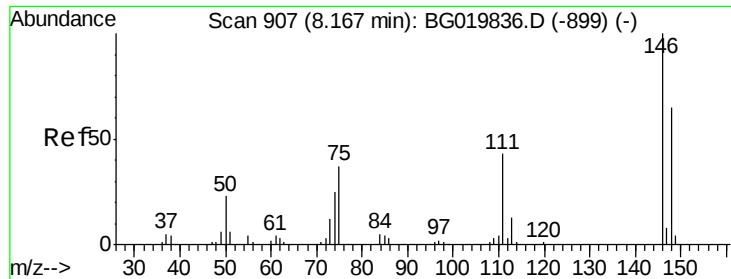


#12
1,3-Dichlorobenzene
Concen: 45.94 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion: 146 Resp: 82862

Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.4	80.0
75	35.3	21.1	31.7

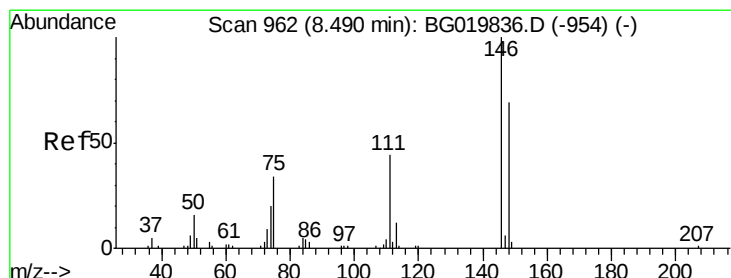
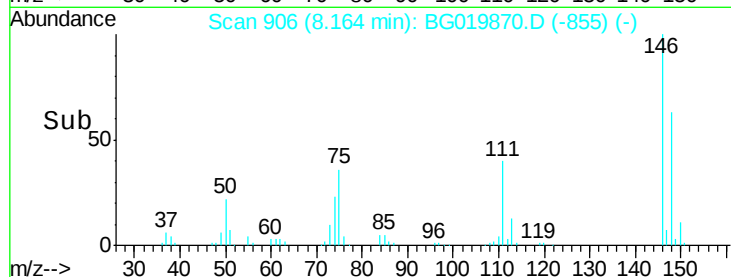
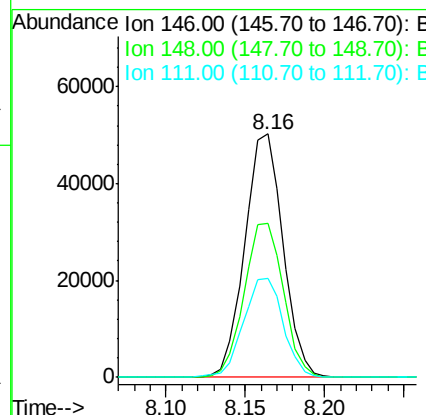
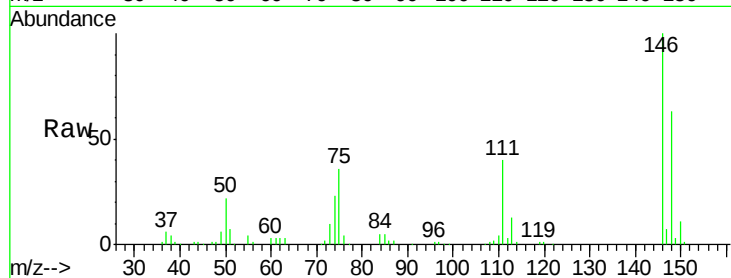




#13
 1,4-Dichlorobenzene
 Concen: 45.11 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

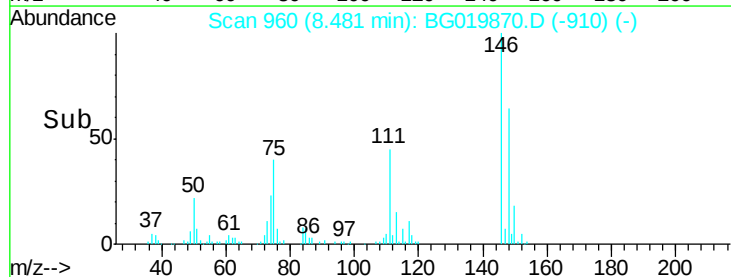
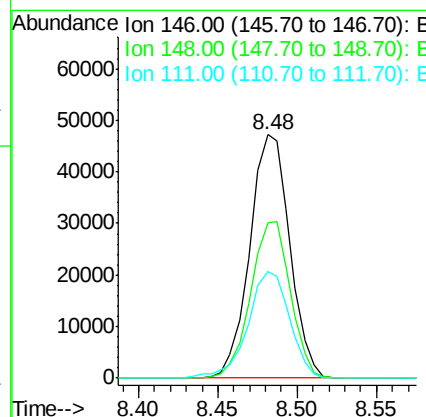
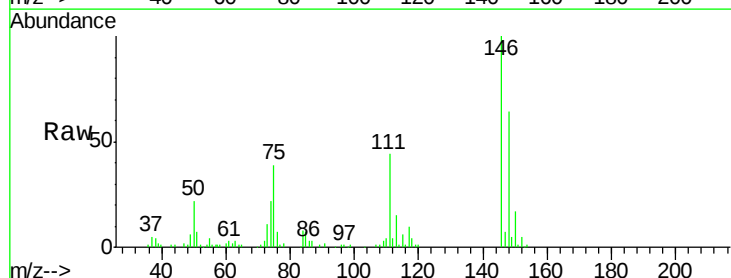
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

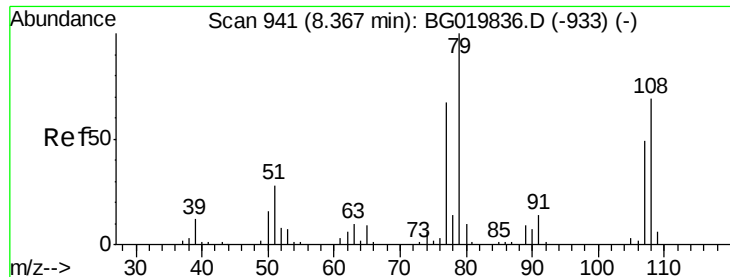
Tgt Ion:146 Resp: 84041
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.5 78.7
 111 40.5 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 46.46 ng
 RT: 8.48 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion:146 Resp: 82556
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.5 78.7
 111 43.8 29.9 44.9





#15

Benzyl Alcohol

Concen: 54.40 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

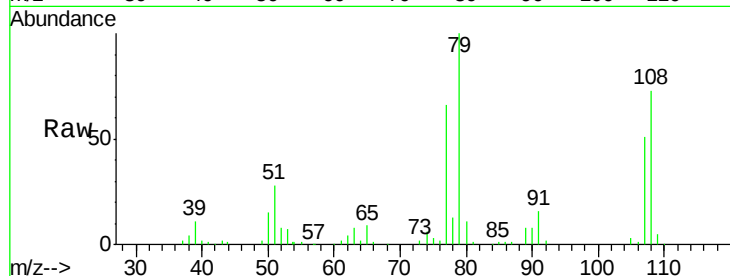
Tgt Ion: 79 Resp: 94071

Ion Ratio Lower Upper

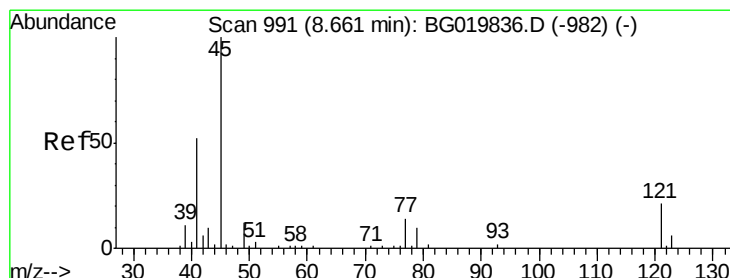
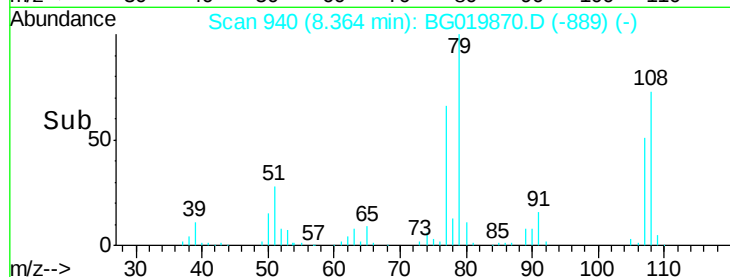
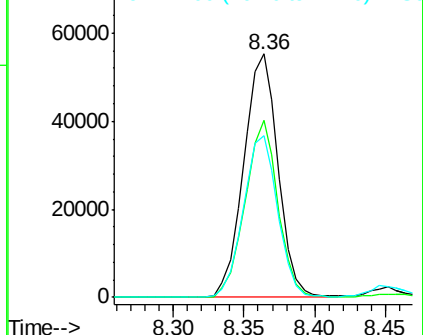
79 100

108 72.7 65.5 98.3

77 66.3 51.3 76.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.46 ng

RT: 8.66 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

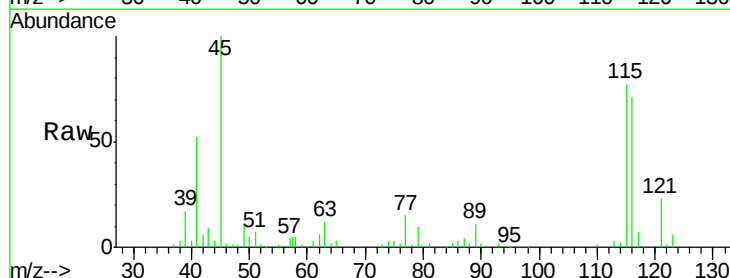
Tgt Ion: 45 Resp: 116388

Ion Ratio Lower Upper

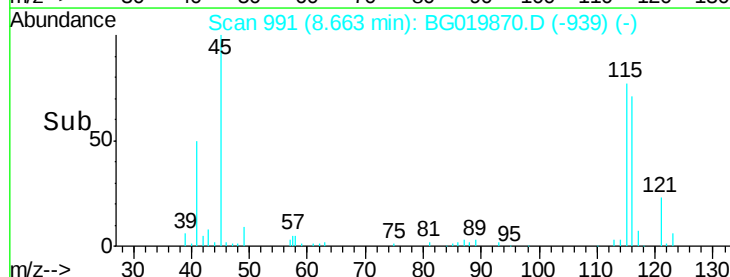
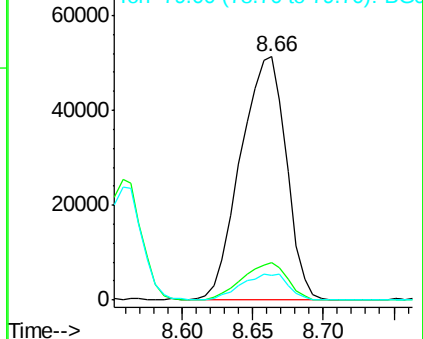
45 100

77 15.2 0.0 37.0

79 9.9 0.0 33.8



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

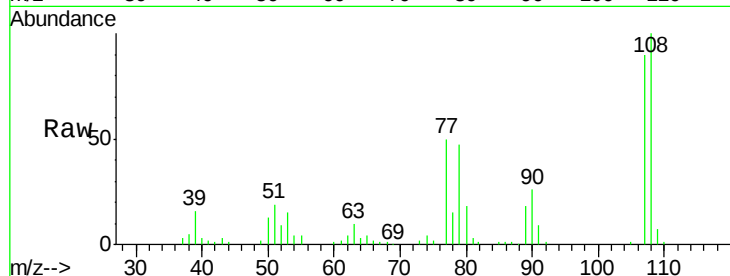




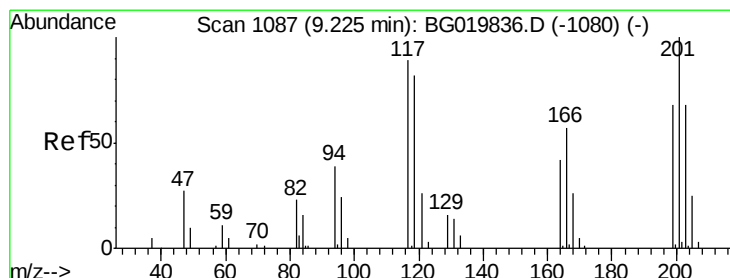
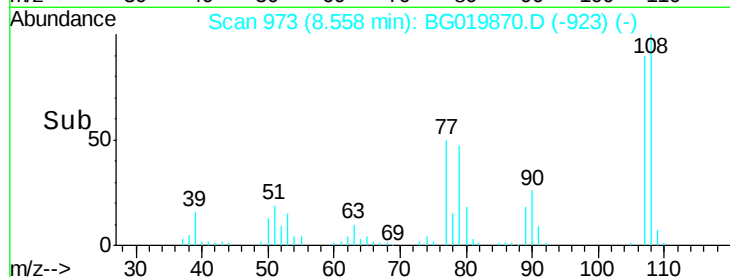
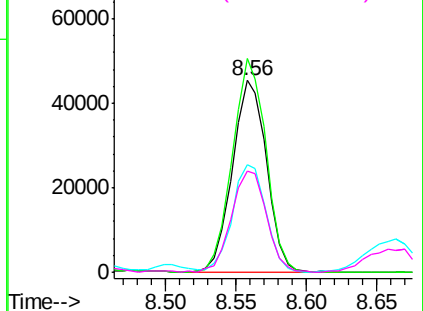
#17
2-Methylphenol
Concen: 52.20 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion:107 Resp: 76417
Ion Ratio Lower Upper
107 100
108 111.5 86.5 129.7
77 56.1 34.6 51.8#
79 52.7 32.3 48.5#

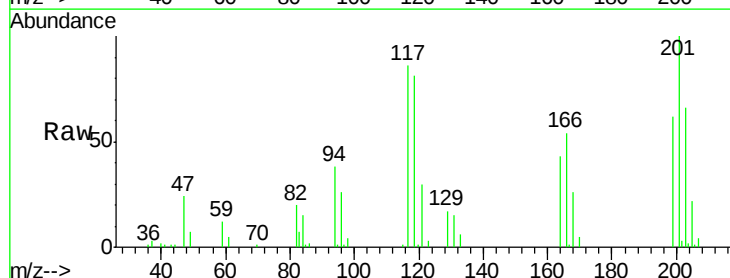


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

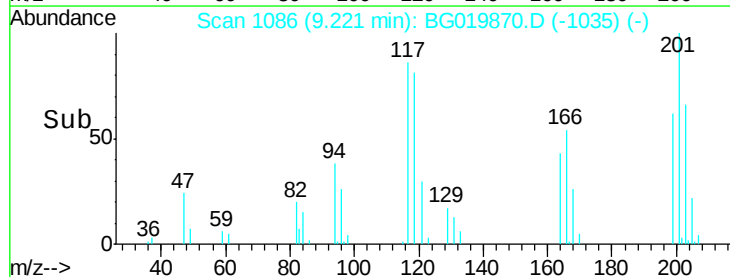
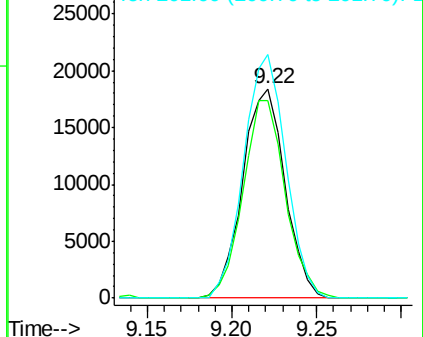


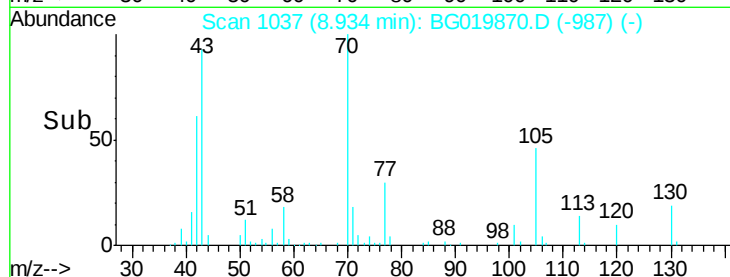
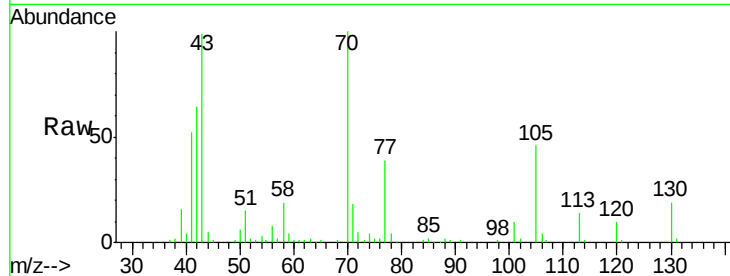
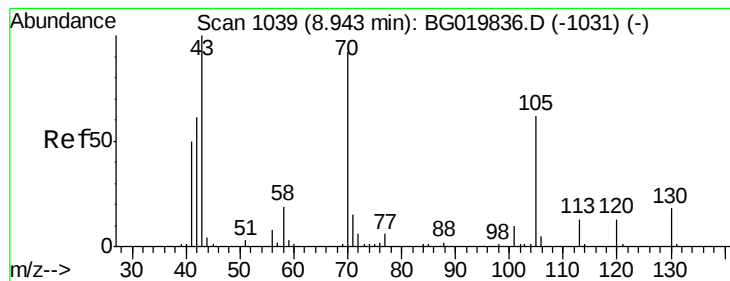
#18
Hexachloroethane
Concen: 46.07 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:117 Resp: 32139
Ion Ratio Lower Upper
117 100
119 94.4 71.7 107.5
201 116.4 90.9 136.3



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: 47.25 ng

RT: 8.93 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

Tgt Ion: 70 Resp: 73432

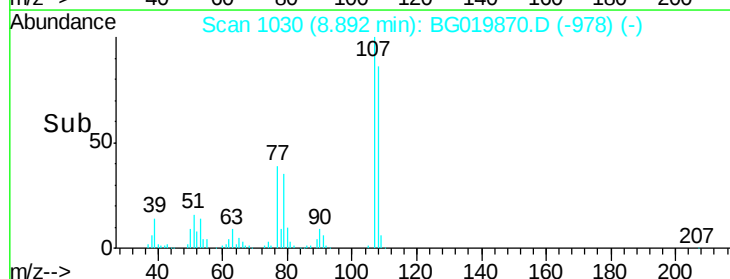
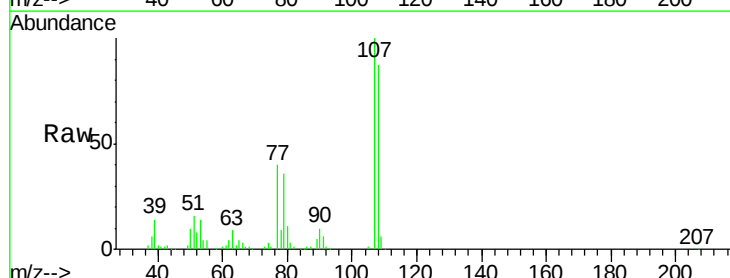
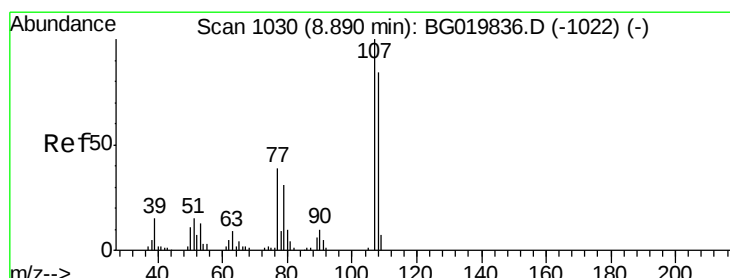
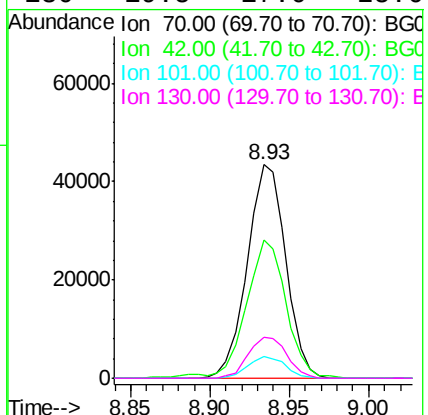
Ion Ratio Lower Upper

70 100

42 64.4 40.6 60.8#

101 10.0 8.6 13.0

130 19.5 17.0 25.6



#20

3+4-Methylphenols

Concen: 51.52 ng

RT: 8.89 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Tgt Ion: 107 Resp: 106205

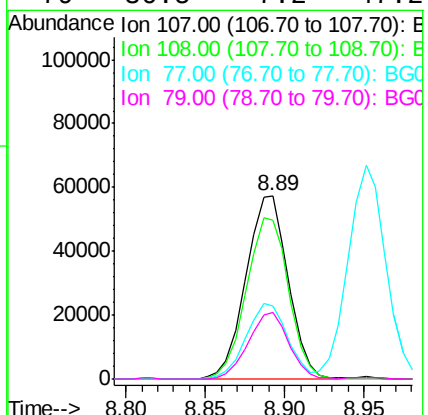
Ion Ratio Lower Upper

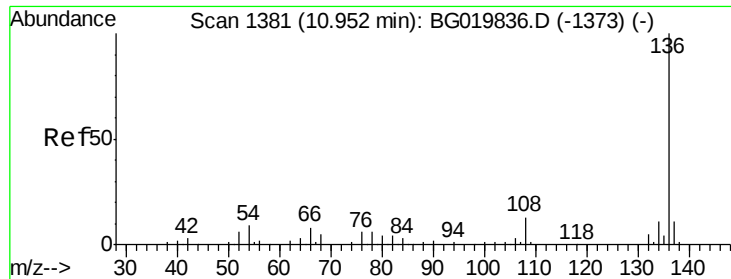
107 100

108 86.9 72.2 112.2

77 39.5 13.4 53.4

79 36.5 7.2 47.2

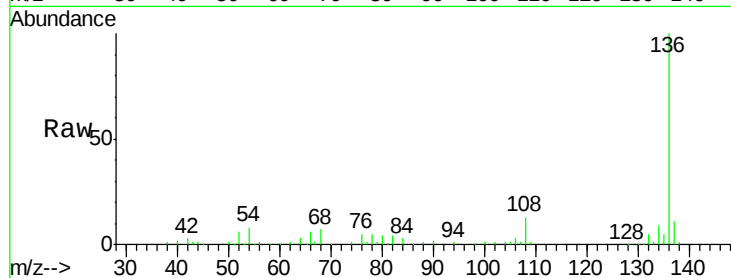




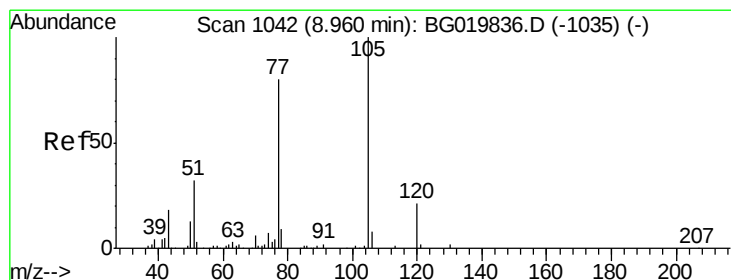
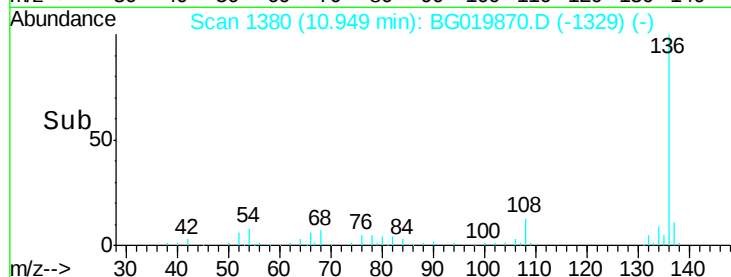
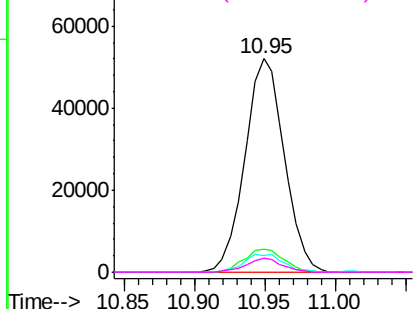
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion:	136	Resp:	101583
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.0	5.4	8.2
68	6.7	5.3	7.9

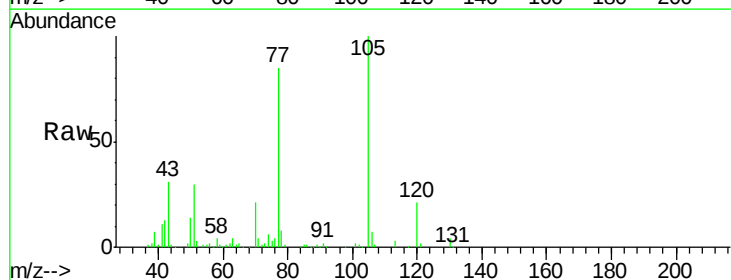


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

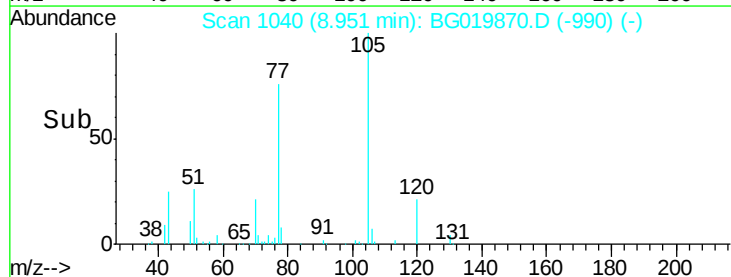
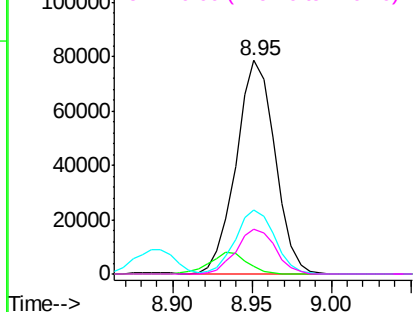


#22
Acetophenone
Concen: 47.93 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:	105	Resp:	133459
Ion	Ratio	Lower	Upper
105	100		
71	3.7	2.1	3.1#
51	30.1	17.8	26.8#
120	20.7	17.7	26.5



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

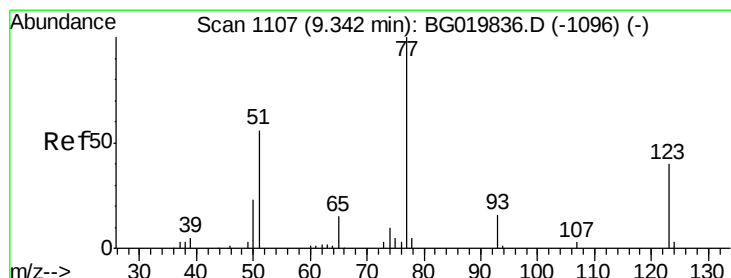
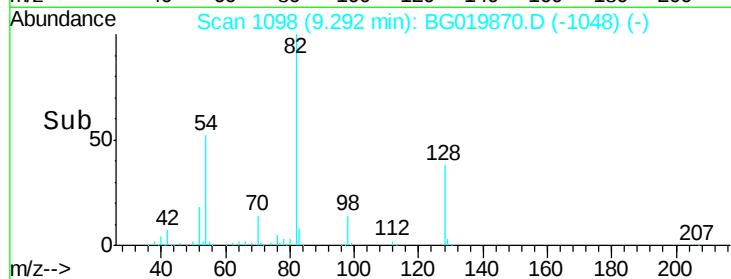
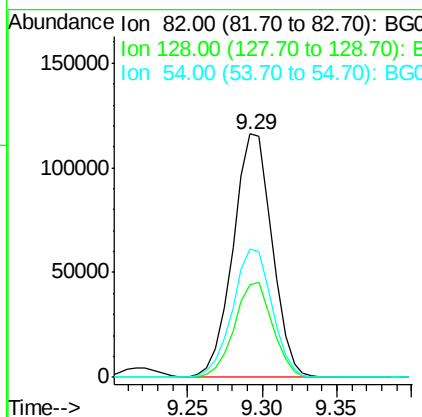
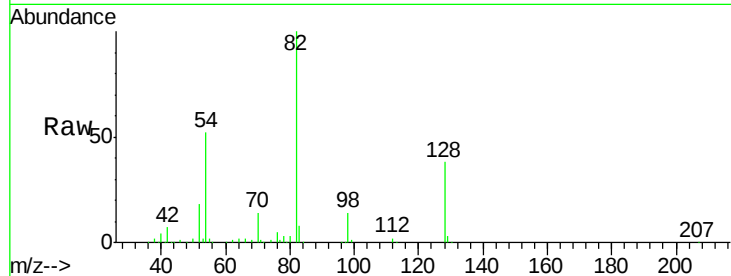




#23
 Nitrobenzene-d5
 Concen: 105.98 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

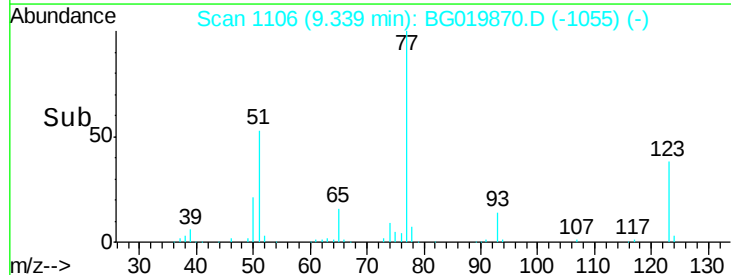
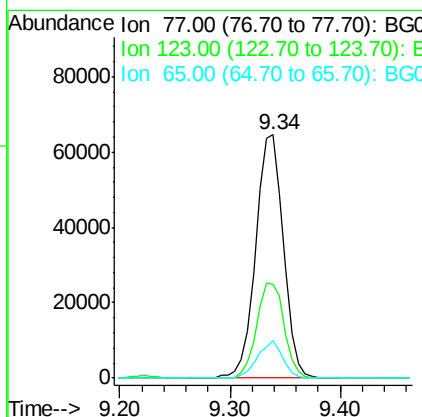
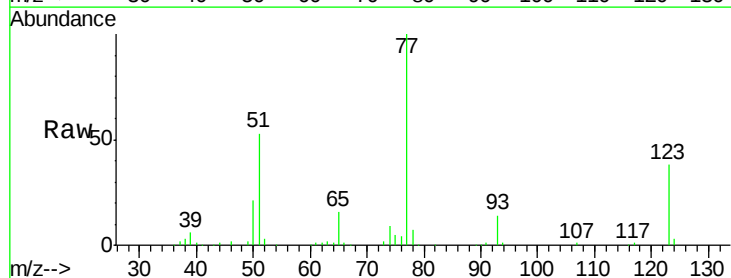
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tgt Ion: 82 Resp: 210949
 Ion Ratio Lower Upper
 82 100
 128 38.1 36.7 55.1
 54 52.5 33.8 50.8#



#24
 Nitrobenzene
 Concen: 52.62 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion: 77 Resp: 113613
 Ion Ratio Lower Upper
 77 100
 123 38.4 38.2 57.2
 65 15.6 10.6 16.0





#25

Isophorone

Concen: 49.05 ng

RT: 9.87 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

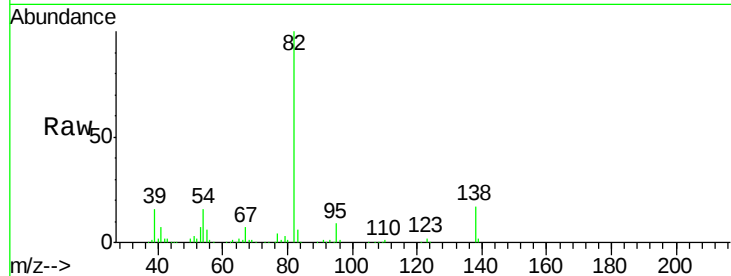
Tgt Ion: 82 Resp: 209321

Ion Ratio Lower Upper

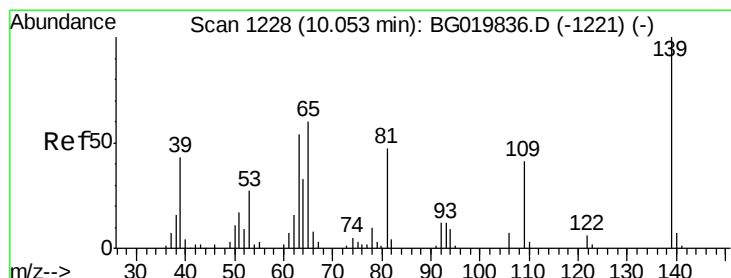
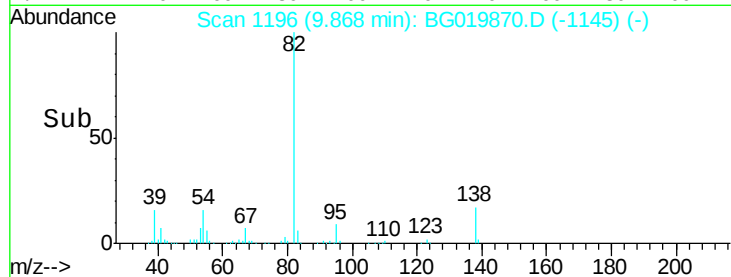
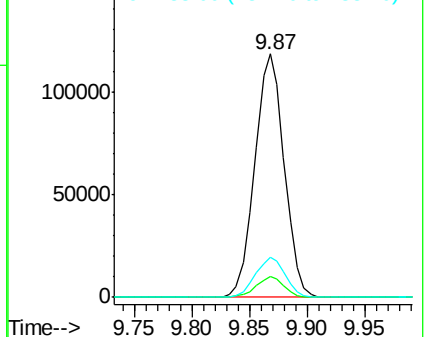
82 100

95 8.7 5.2 7.8#

138 16.5 14.4 21.6



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



#26

2-Nitrophenol

Concen: 54.64 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

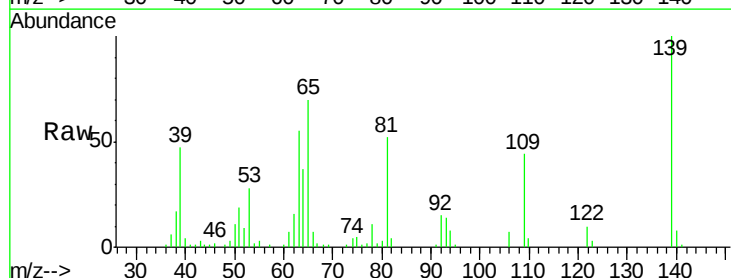
Tgt Ion: 139 Resp: 45559

Ion Ratio Lower Upper

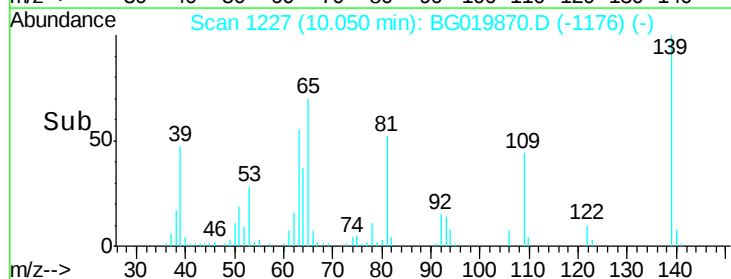
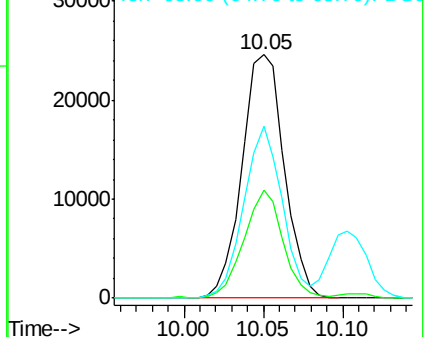
139 100

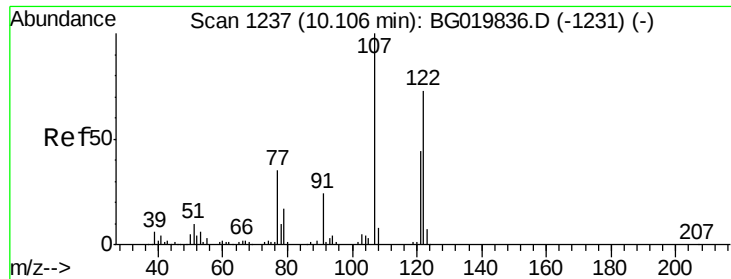
109 44.5 20.1 30.1#

65 70.4 34.1 51.1#



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

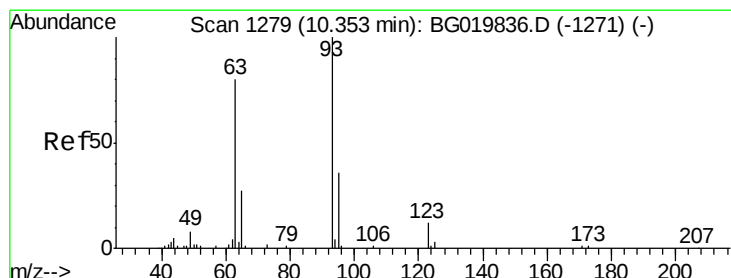
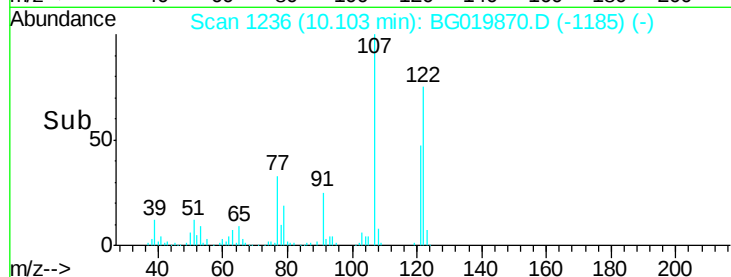
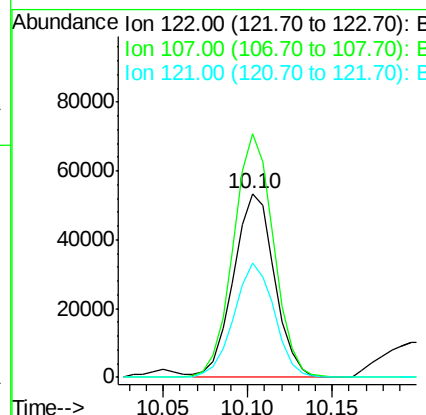
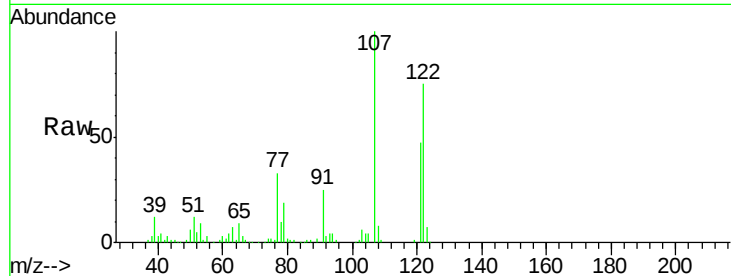




#27
 2,4-Dimethylphenol
 Concen: 51.82 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

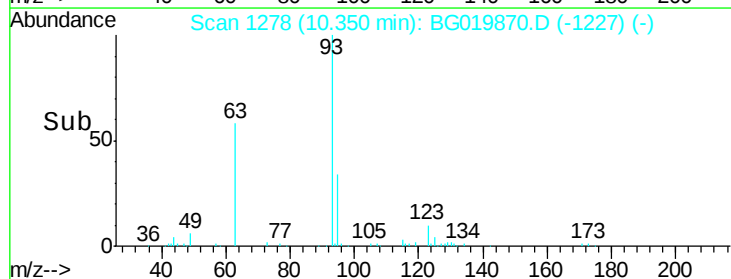
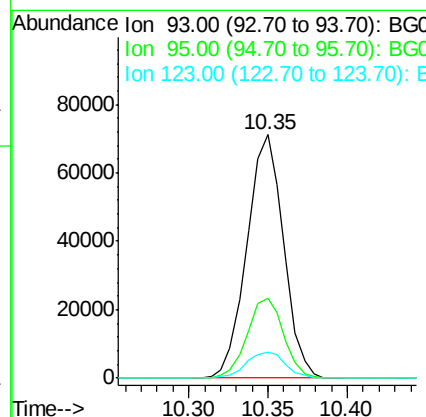
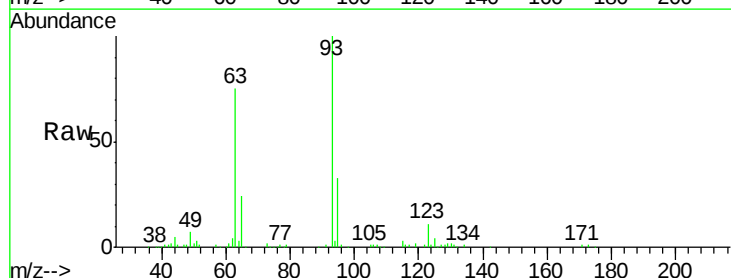
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

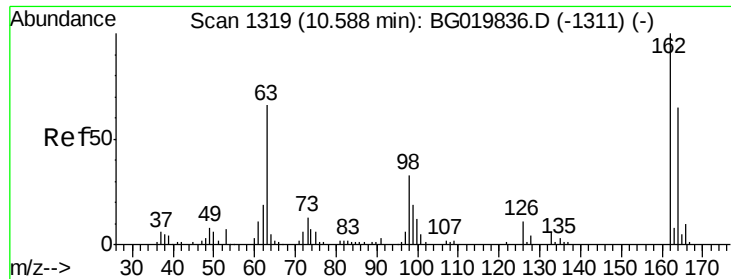
Tgt Ion:122 Resp: 89991
 Ion Ratio Lower Upper
 122 100
 107 132.5 91.6 137.4
 121 61.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.67 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion: 93 Resp: 113999
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.7 38.5
 123 10.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 55.30 ng

RT: 10.58 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

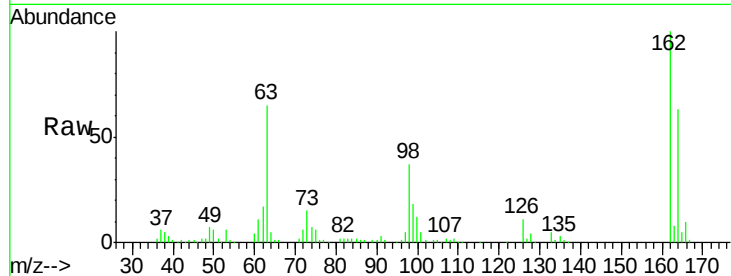
Tgt Ion:162 Resp: 98101

Ion Ratio Lower Upper

162 100

164 63.4 42.3 82.3

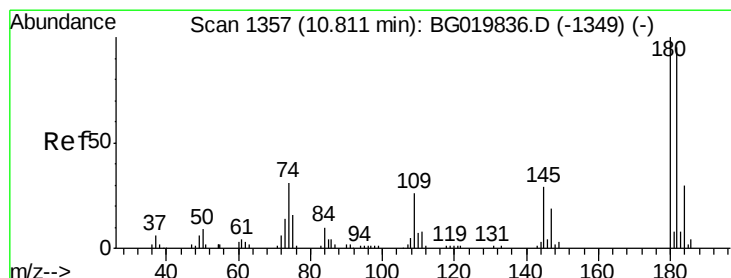
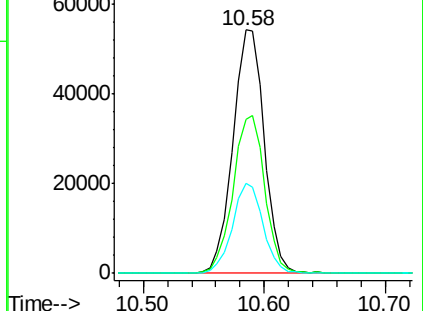
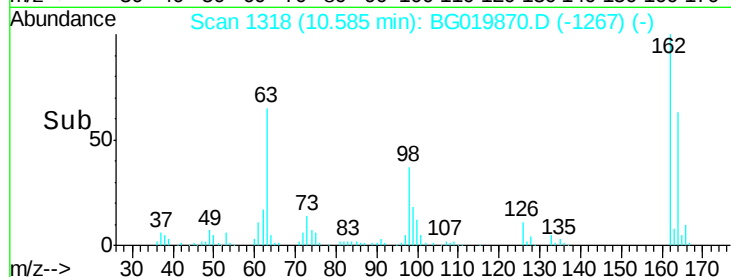
98 36.8 11.5 51.5



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: 48.81 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

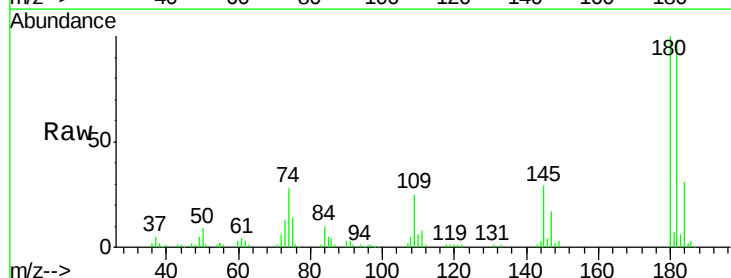
Tgt Ion:180 Resp: 97858

Ion Ratio Lower Upper

180 100

182 97.6 79.7 119.5

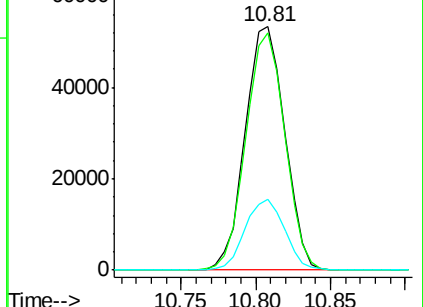
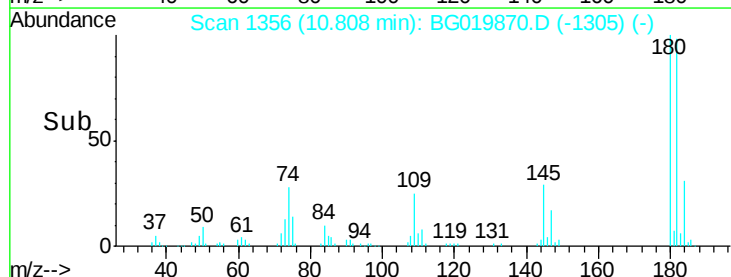
145 29.3 22.0 33.0

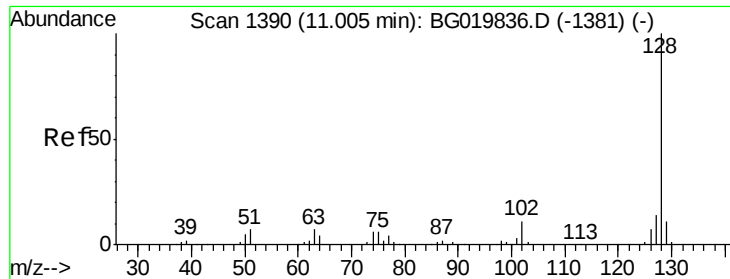


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

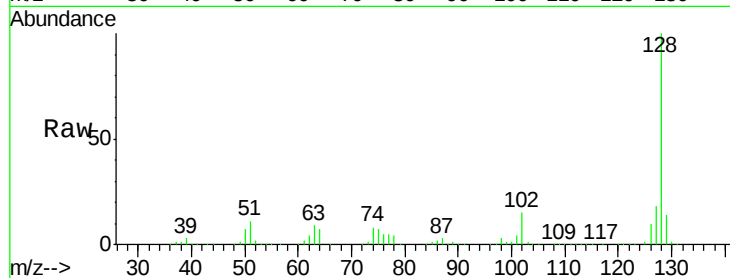




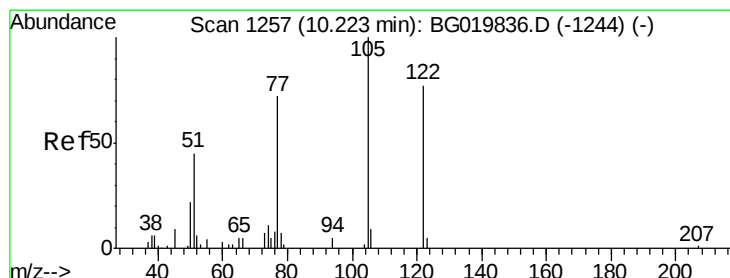
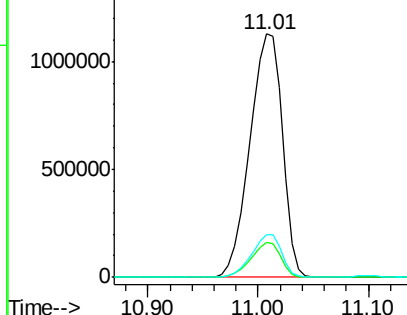
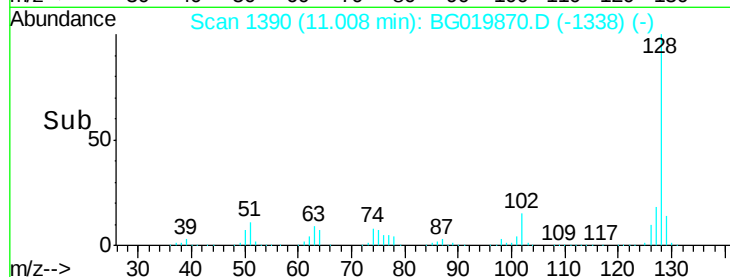
#31
Naphthalene
Concen: 430.33 ng
RT: 11.01 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion:128 Resp: 2341795
Ion Ratio Lower Upper
128 100
129 14.3 8.5 12.7#
127 17.7 10.6 16.0#

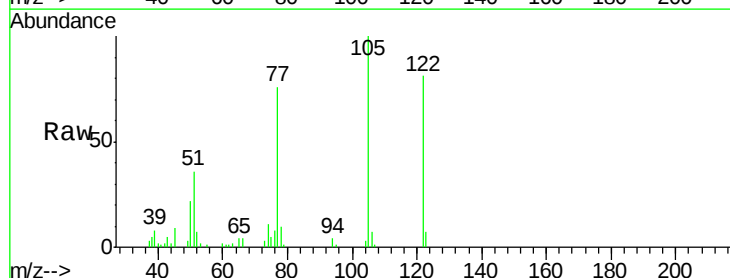


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

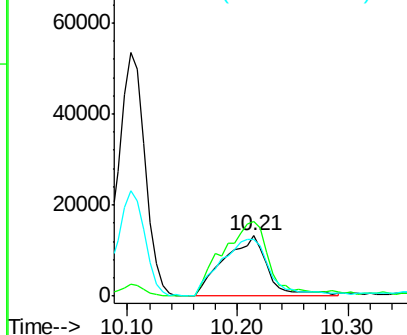
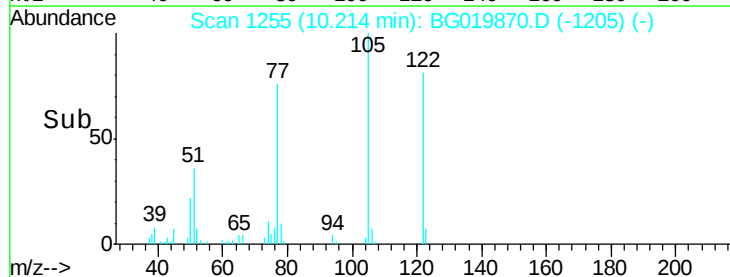


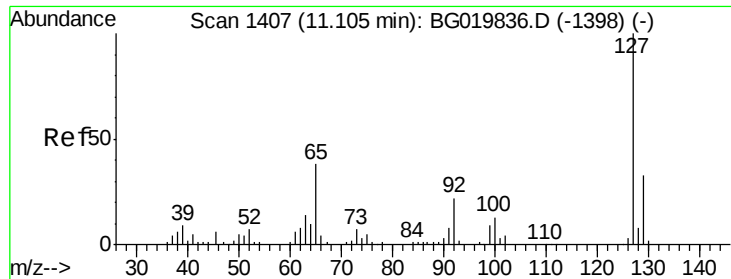
#32
Benzoic acid
Concen: 33.64 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:122 Resp: 36969
Ion Ratio Lower Upper
122 100
105 123.8 103.8 143.8
77 94.2 68.8 108.8



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

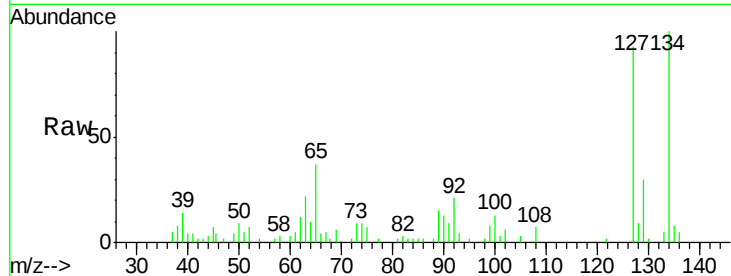




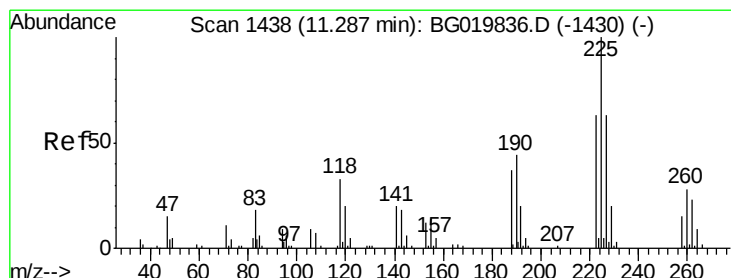
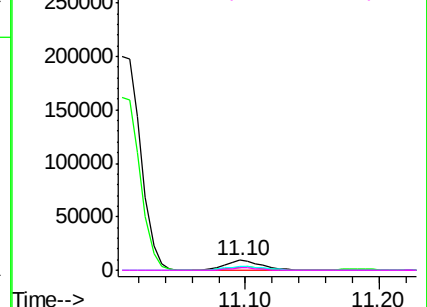
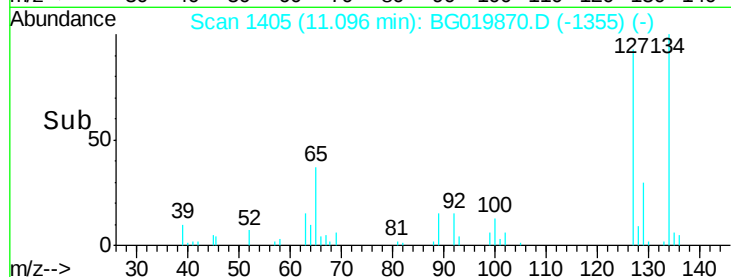
#33
4-Chloroaniline
Concen: 7.32 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion:	127	Resp:	17542
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.6	37.0
65	39.7	22.6	33.8#
92	22.1	15.1	22.7

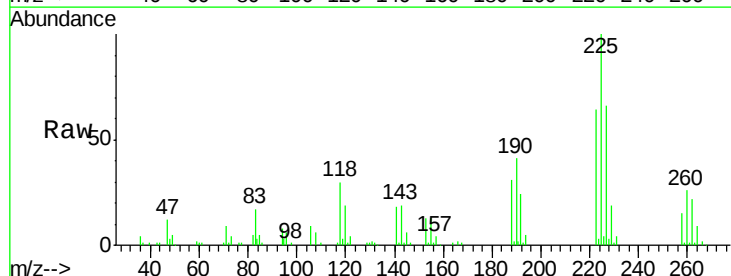


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

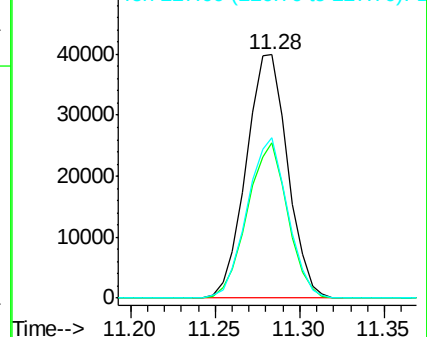
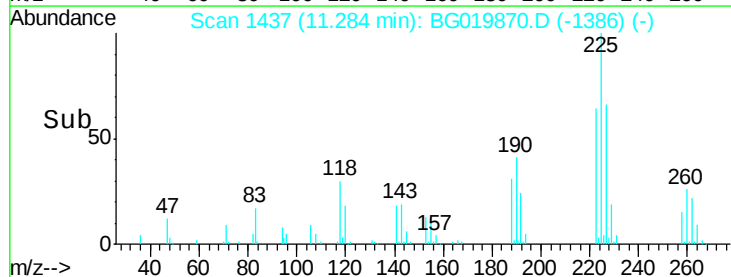


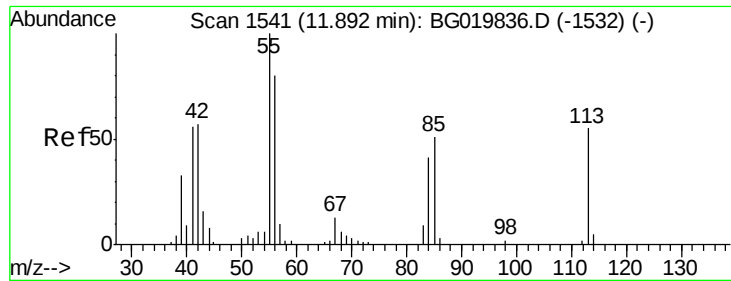
#34
Hexachlorobutadiene
Concen: 46.06 ng
RT: 11.28 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:	225	Resp:	68119
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.4
227	69.3	51.8	77.8



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





#35

Caprolactam

Concen: 30.84 ng

RT: 11.88 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

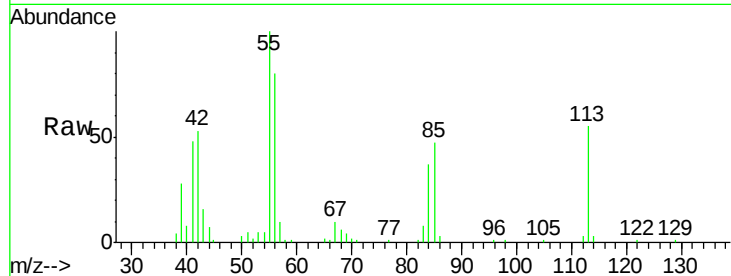
Tgt Ion:113 Resp: 20368

Ion Ratio Lower Upper

113 100

55 182.2 135.0 175.0#

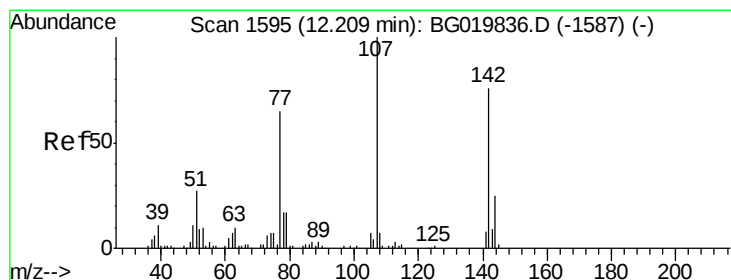
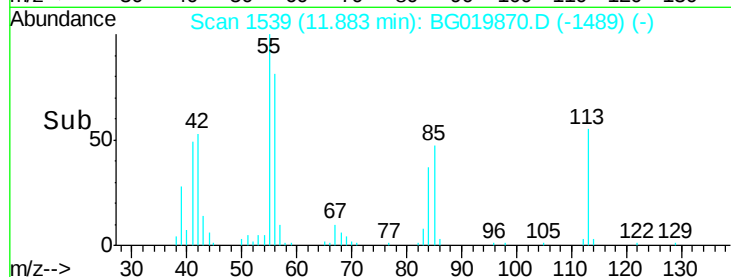
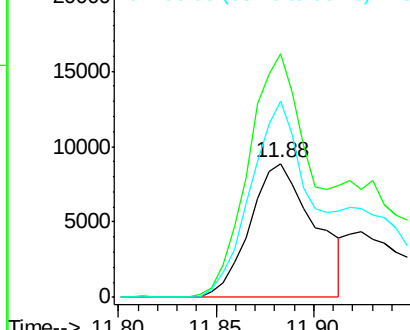
56 146.4 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.87 ng

RT: 12.21 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

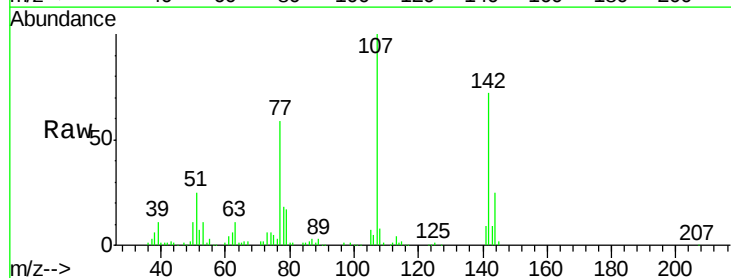
Tgt Ion:107 Resp: 116802

Ion Ratio Lower Upper

107 100

144 24.8 20.6 31.0

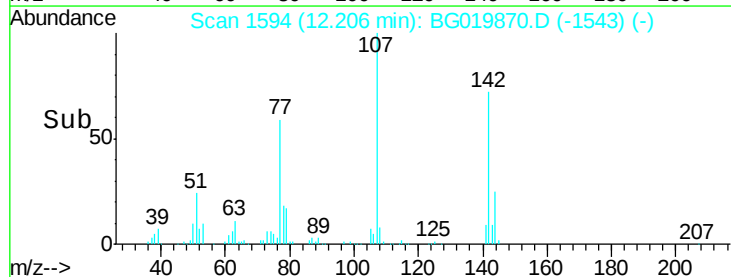
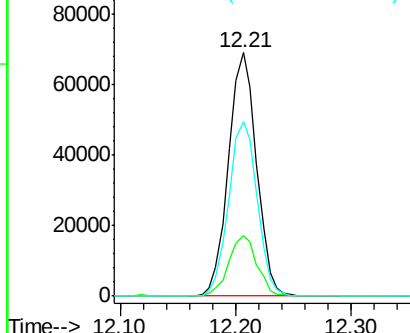
142 71.7 62.6 93.8



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

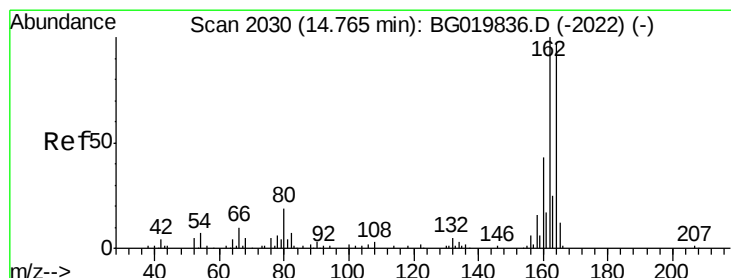
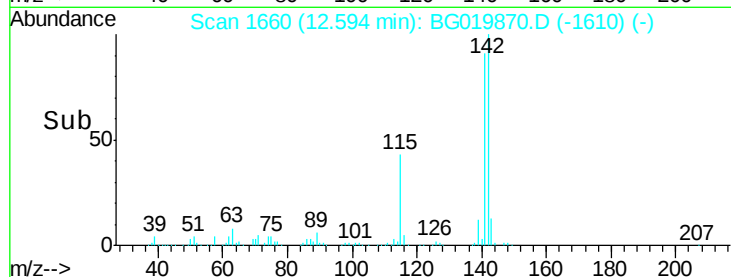
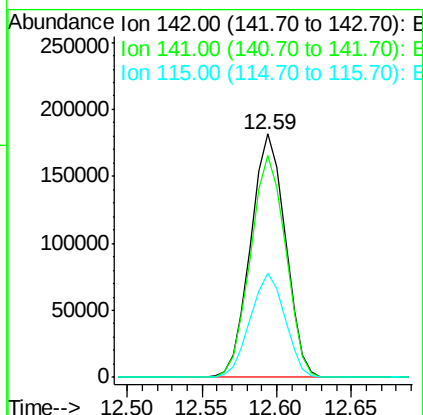
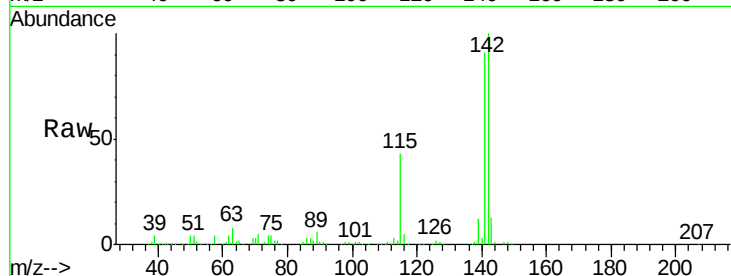




#37
2-Methylnaphthalene
Concen: 73.35 ng
RT: 12.59 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

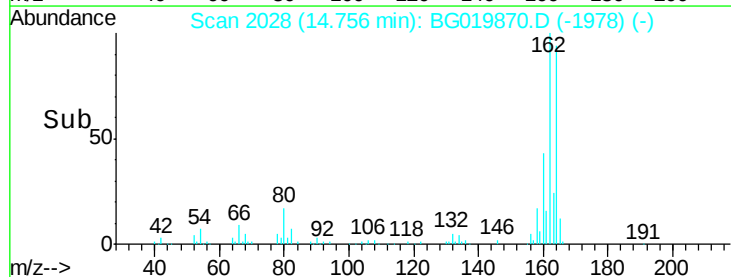
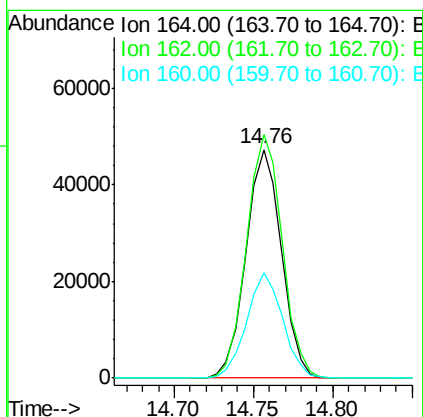
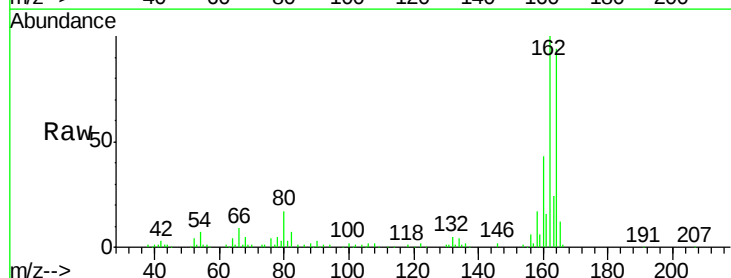
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

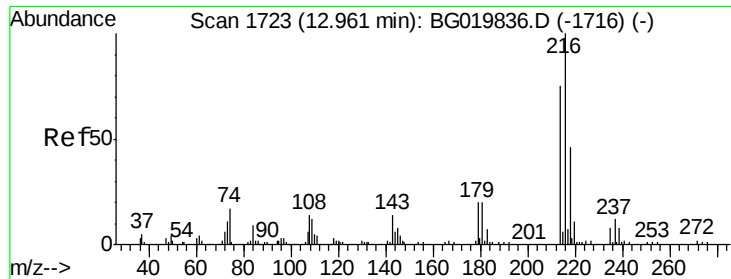
Tgt Ion:142 Resp: 292516
Ion Ratio Lower Upper
142 100
141 91.0 74.6 112.0
115 42.8 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:164 Resp: 73400
Ion Ratio Lower Upper
164 100
162 106.5 78.8 118.2
160 46.3 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.50 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

Tgt Ion:216 Resp: 135102

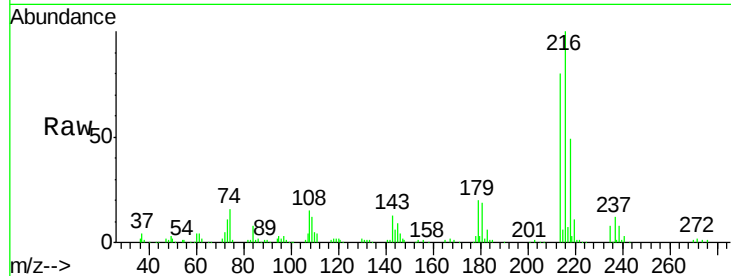
Ion Ratio Lower Upper

216 100

214 79.1 62.5 93.7

179 19.9 15.6 23.4

108 17.4 13.3 19.9

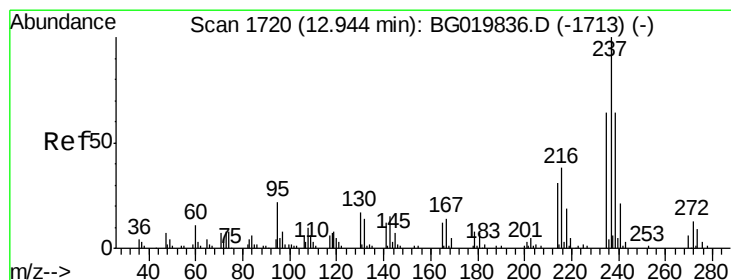
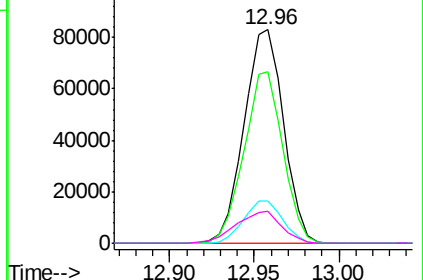
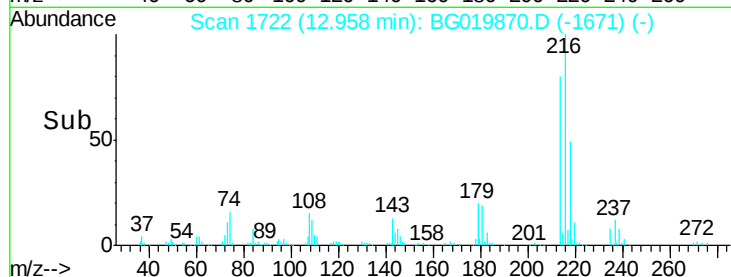


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 85.43 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

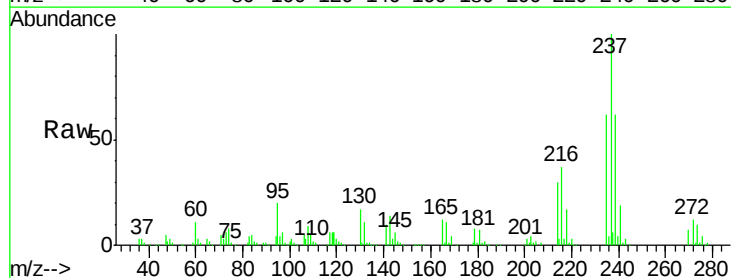
Tgt Ion:237 Resp: 135683

Ion Ratio Lower Upper

237 100

235 61.9 44.6 84.6

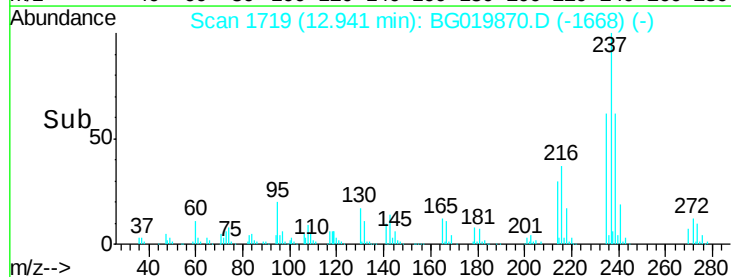
272 12.3 0.0 32.8



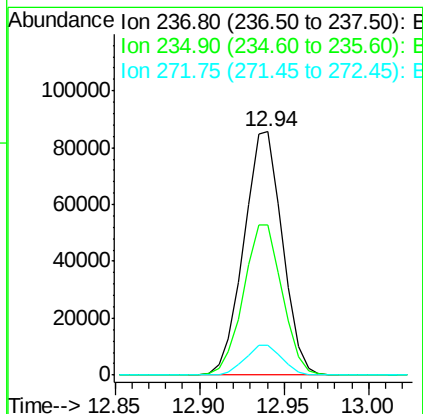
Abundance Ion 236.80 (236.50 to 237.50): E

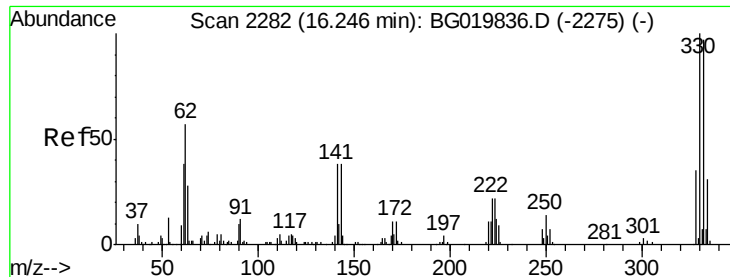
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

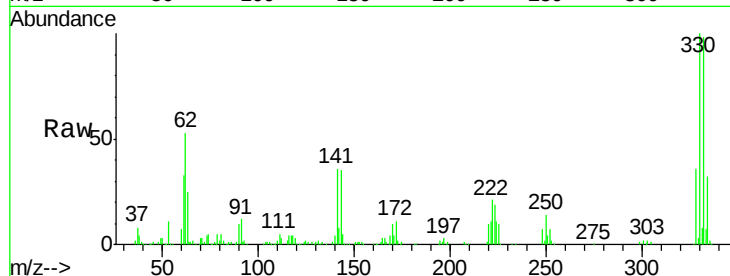




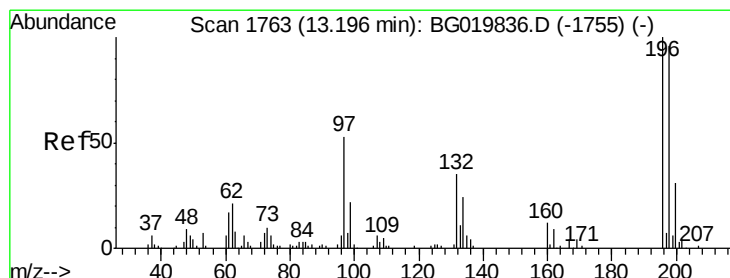
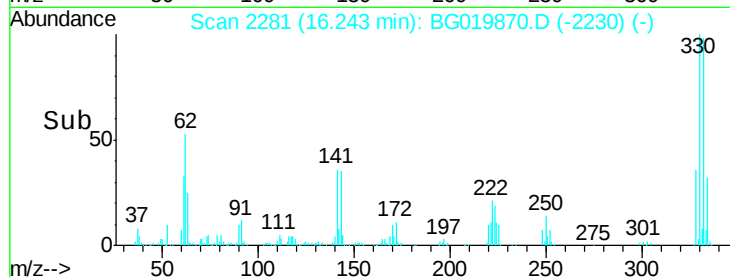
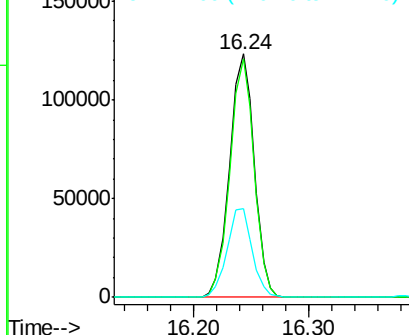
#41
 2,4,6-Tribromophenol
 Concen: 162.46 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tgt Ion:330 Resp: 182457
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.1 117.1
 141 37.1 28.2 42.2

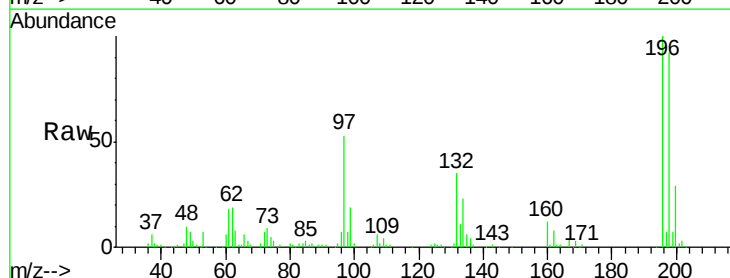


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

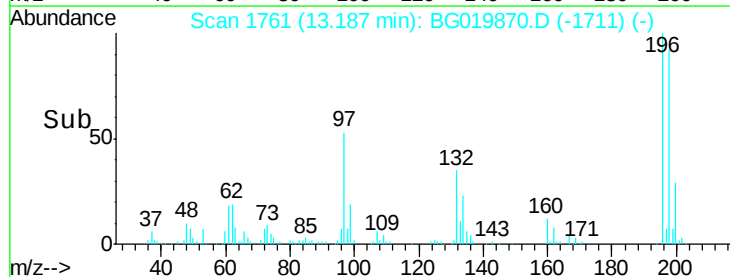
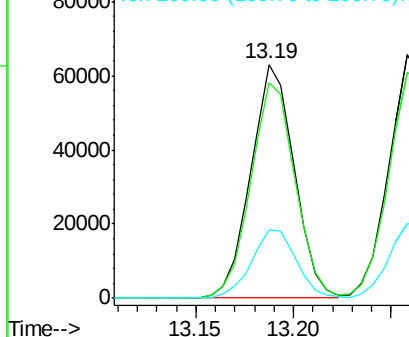


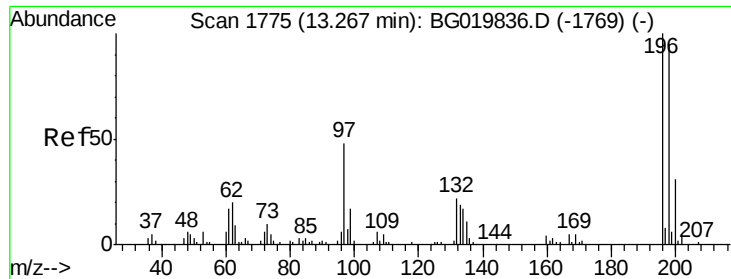
#42
 2,4,6-Trichlorophenol
 Concen: 52.48 ng
 RT: 13.19 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion:196 Resp: 96787
 Ion Ratio Lower Upper
 196 100
 198 91.9 74.7 112.1
 200 29.3 24.1 36.1



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

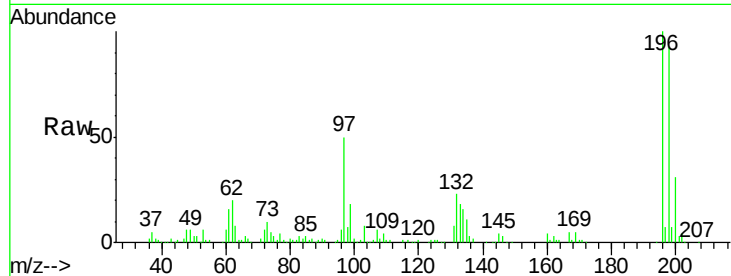




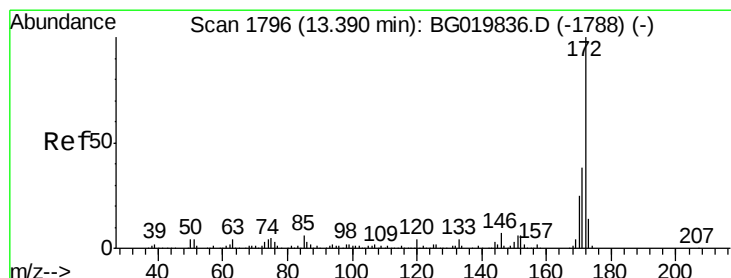
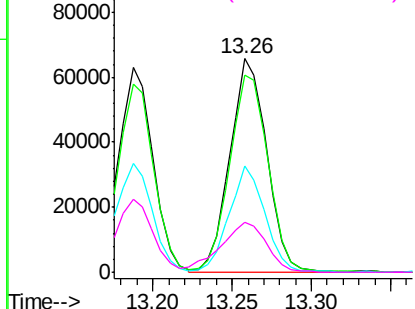
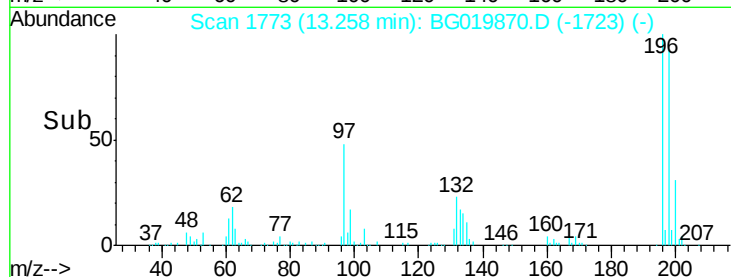
#43
2,4,5-Trichlorophenol
Concen: 54.12 ng
RT: 13.26 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.6	75.2	112.8
97	49.6	34.2	51.2
132	23.3	21.8	32.6

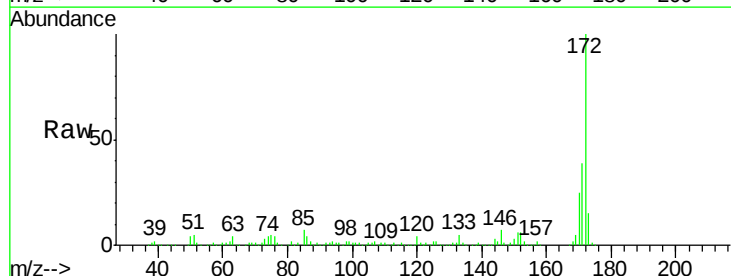


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

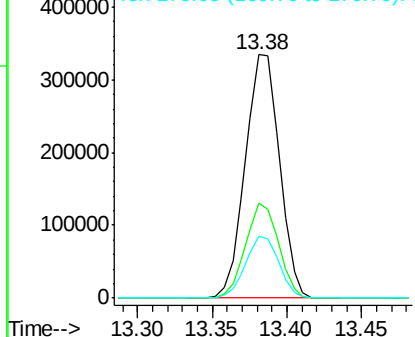
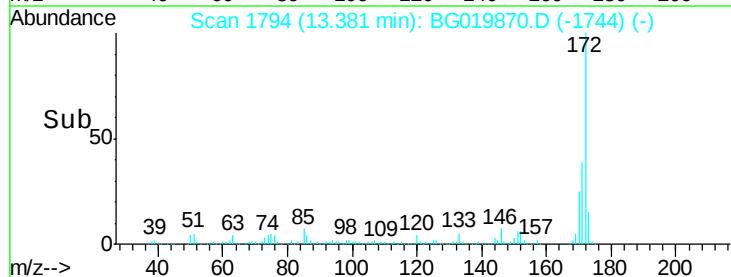


#44
2-Fluorobiphenyl
Concen: 98.34 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.0	43.6
170	25.2	19.9	29.9



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

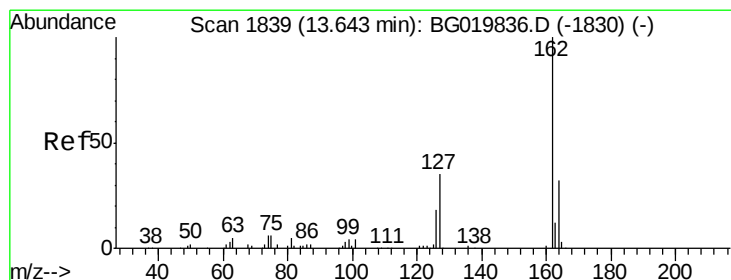
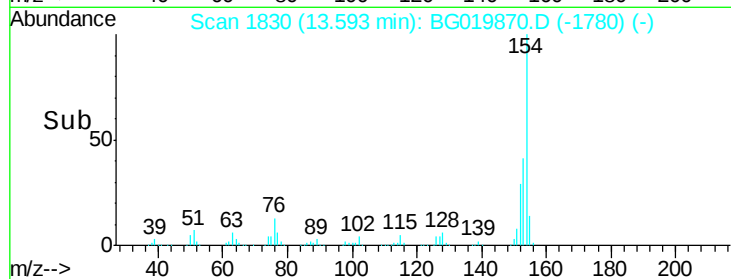
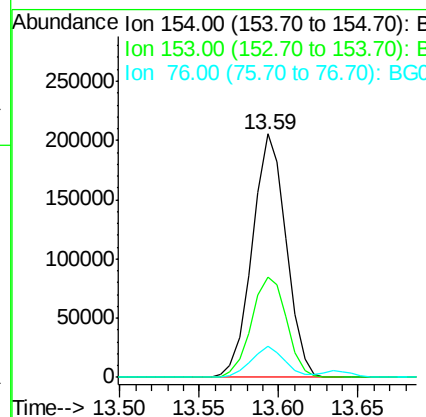
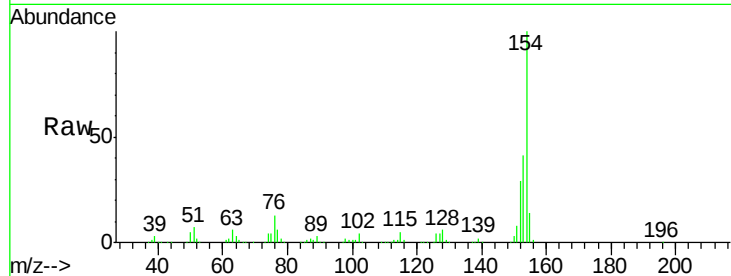




#45
 1,1'-Biphenyl
 Concen: 50.63 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

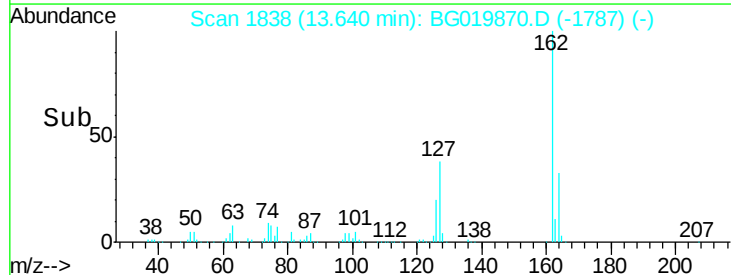
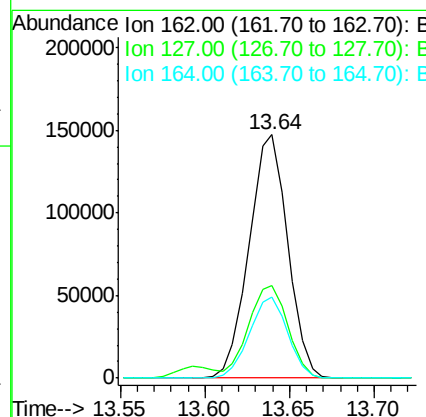
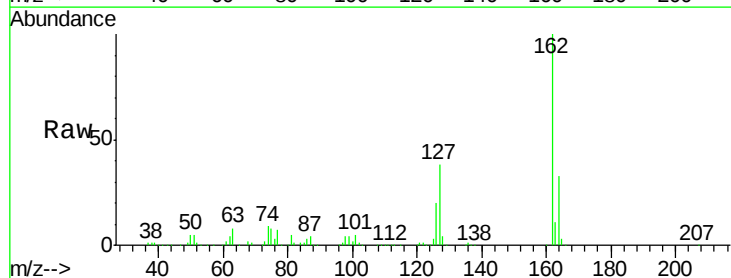
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

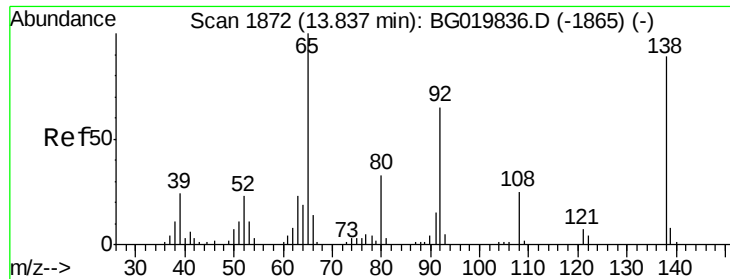
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.9	61.9
76	13.0	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 50.37 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	28.3	42.5
164	33.1	27.4	41.0

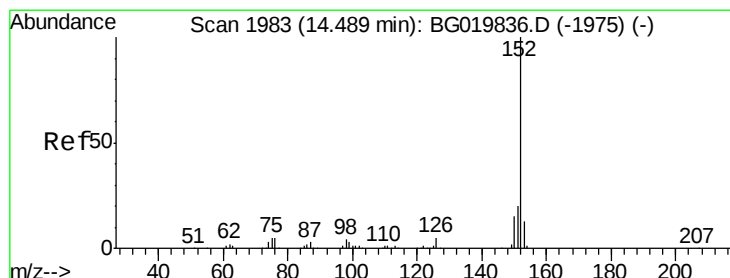
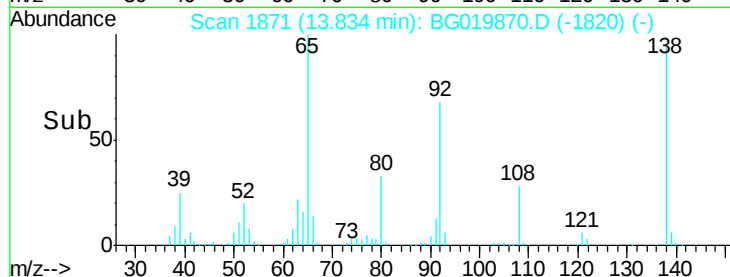
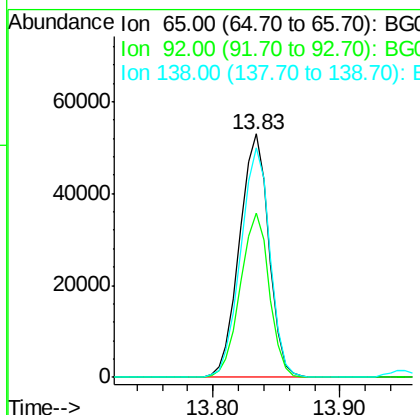
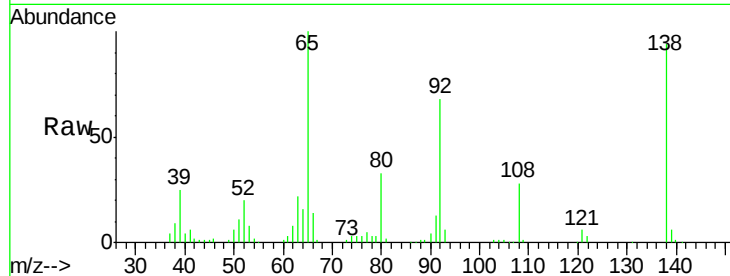




#47
2-Nitroaniline
Concen: 58.10 ng
RT: 13.83 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

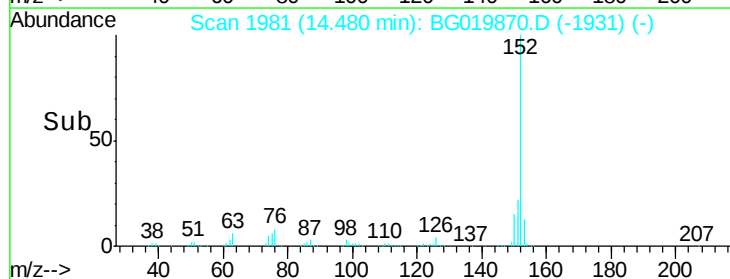
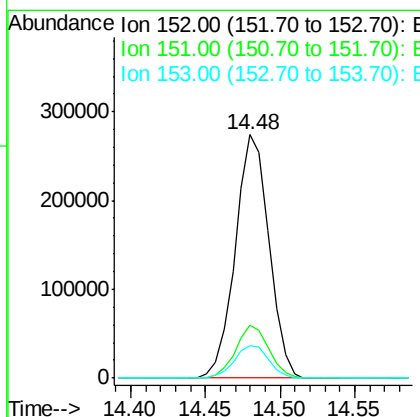
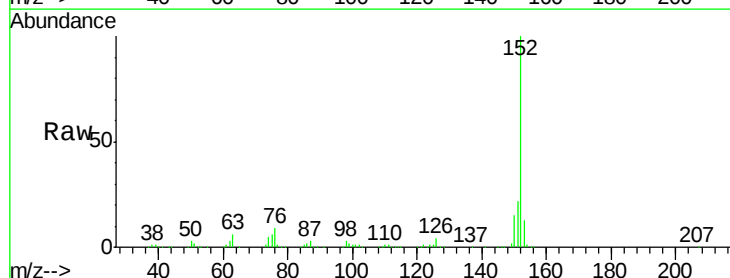
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion: 65 Resp: 85201
Ion Ratio Lower Upper
65 100
92 67.7 54.8 82.2
138 94.1 89.6 134.4



#48
Acenaphthylene
Concen: 54.37 ng
RT: 14.48 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion: 152 Resp: 429977
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.4
153 13.4 10.4 15.6





#49

Dimethylphthalate

Concen: 49.69 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

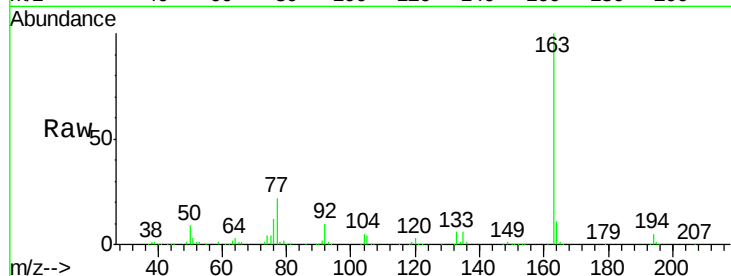
Tgt Ion:163 Resp: 328069

Ion Ratio Lower Upper

163 100

194 4.8 3.1 4.7#

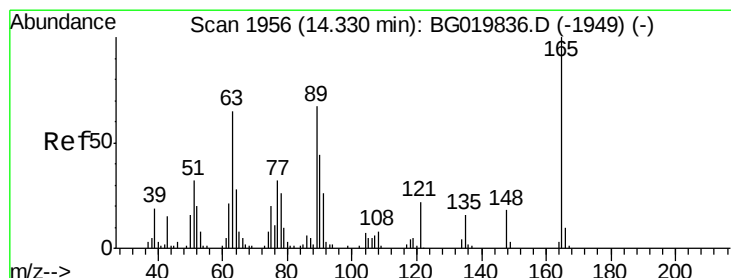
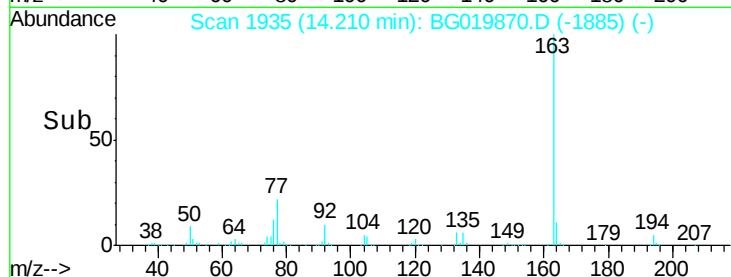
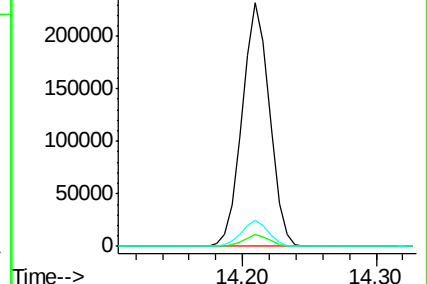
164 10.9 8.8 13.2



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



#50

2,6-Dinitrotoluene

Concen: 56.92 ng

RT: 14.33 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

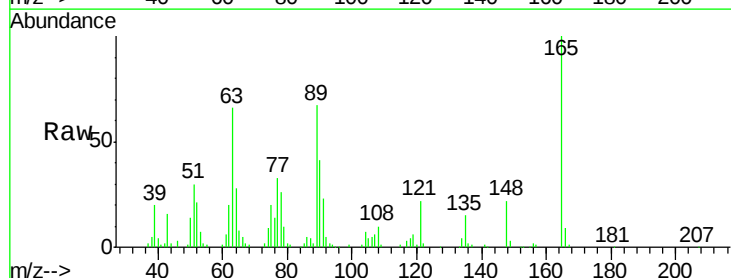
Tgt Ion:165 Resp: 70664

Ion Ratio Lower Upper

165 100

63 65.8 35.7 53.5#

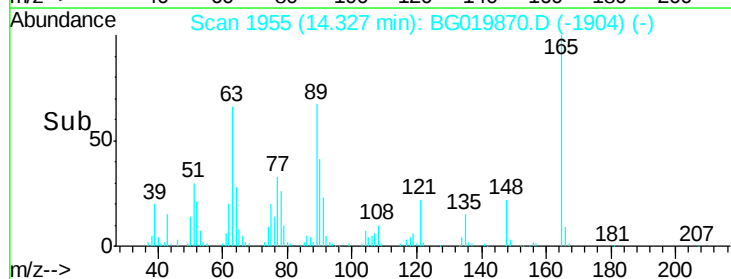
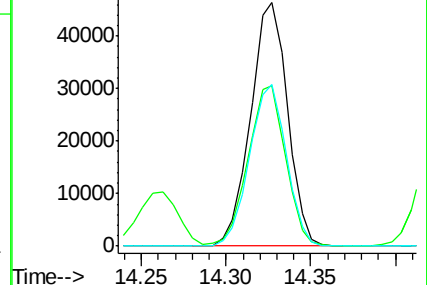
89 66.6 39.7 59.5#

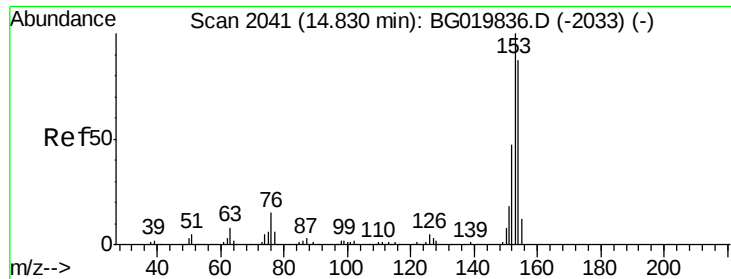


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 65.12 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

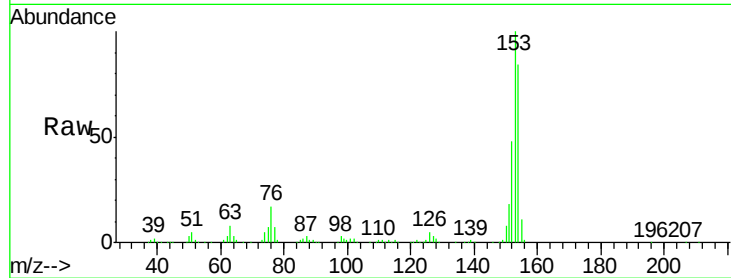
Tgt Ion:154 Resp: 312501

Ion Ratio Lower Upper

154 100

153 118.9 92.9 139.3

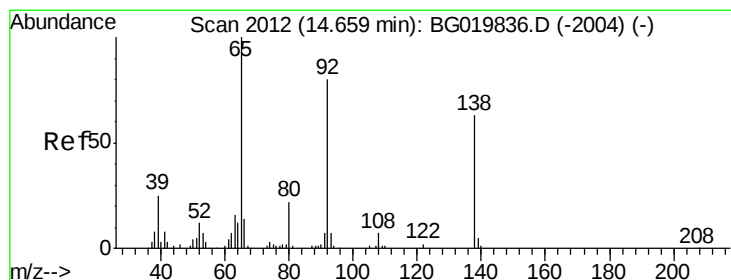
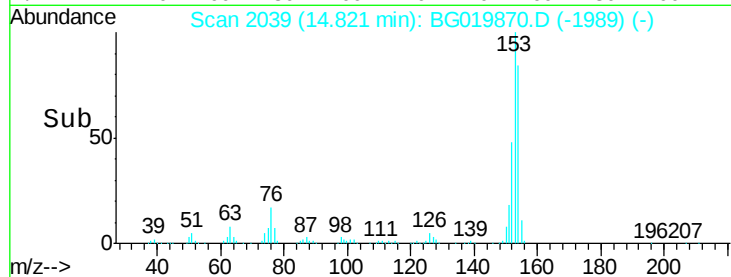
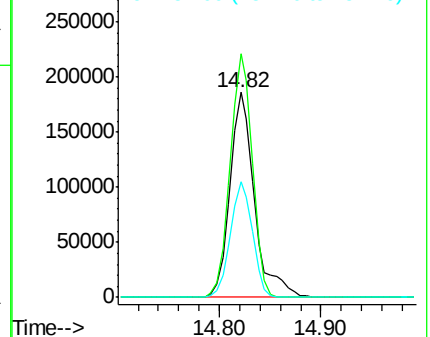
152 56.7 45.8 68.8



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



#52

3-Nitroaniline

Concen: 33.63 ng

RT: 14.66 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

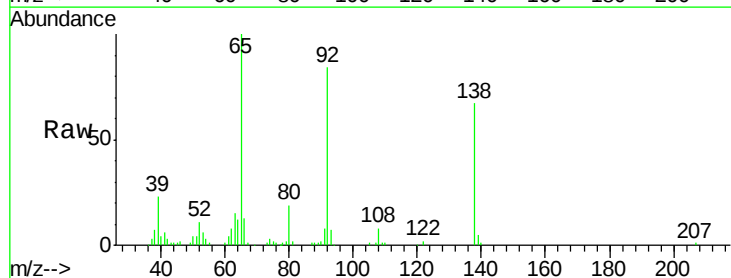
Tgt Ion:138 Resp: 43371

Ion Ratio Lower Upper

138 100

108 11.5 7.9 11.9

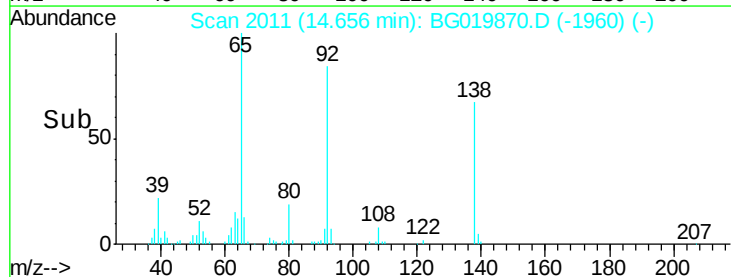
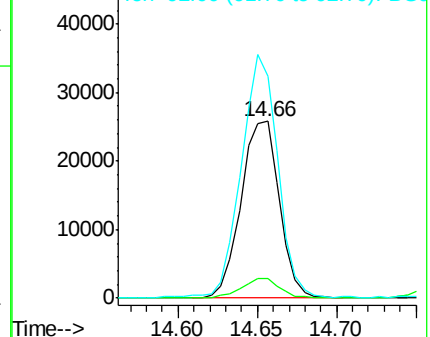
92 125.5 94.2 141.4

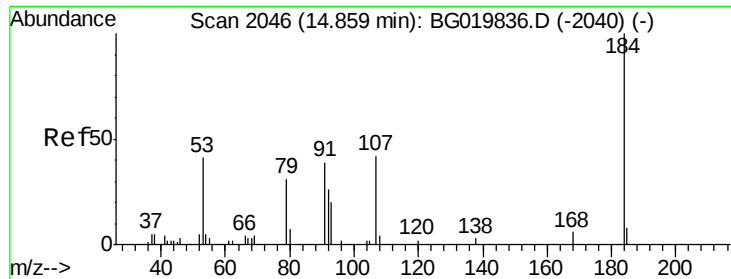


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

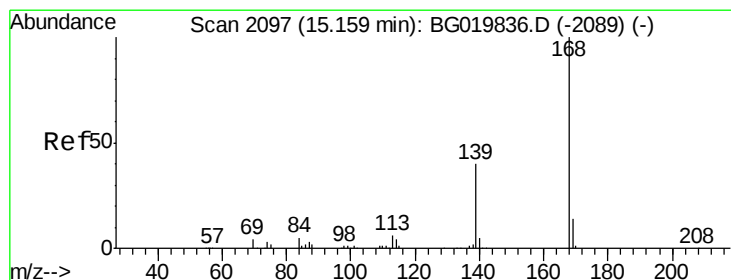
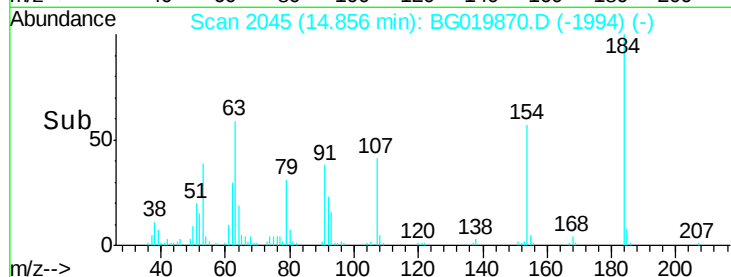
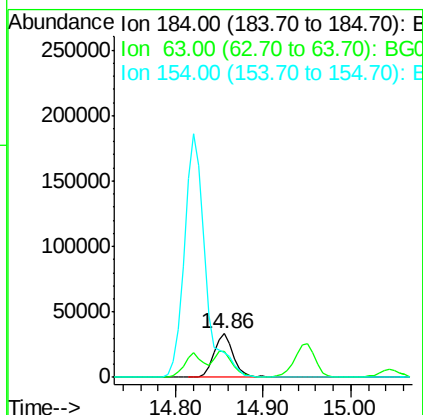
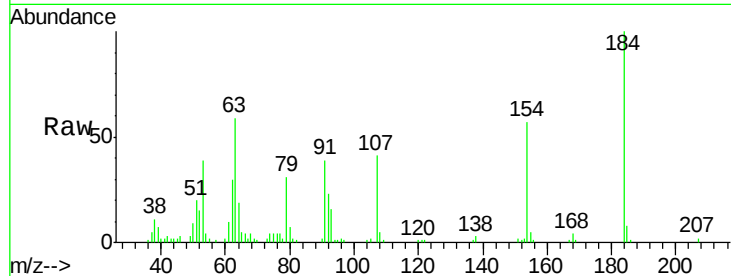




#53
2,4-Dinitrophenol
Concen: 79.79 ng
RT: 14.86 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

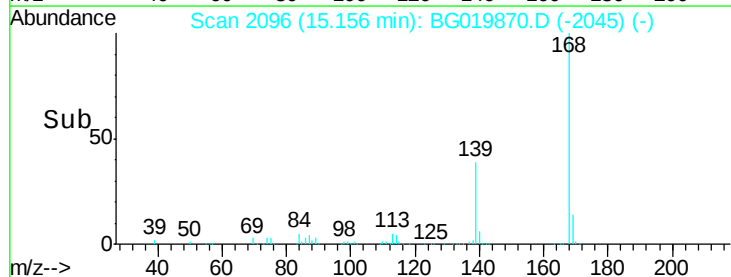
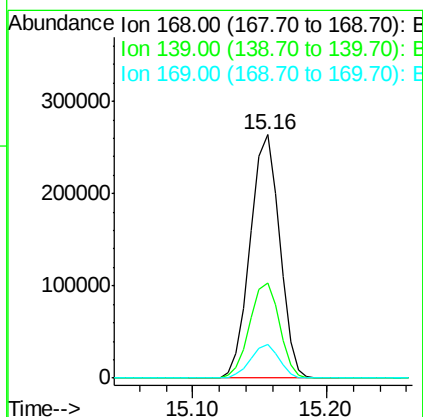
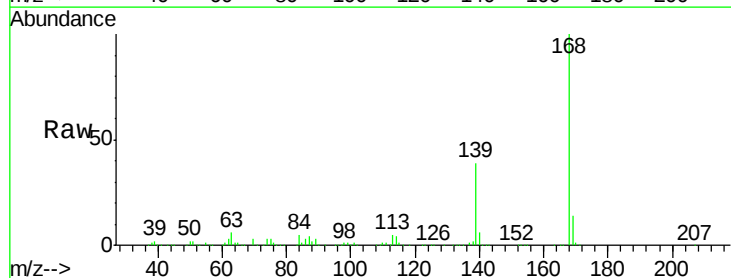
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

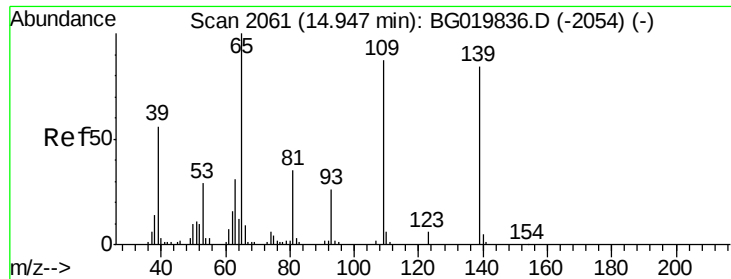
Tgt Ion:184 Resp: 52694
Ion Ratio Lower Upper
184 100
63 59.2 42.7 64.1
154 57.3 44.3 66.5



#54
Dibenzofuran
Concen: 56.10 ng
RT: 15.16 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:168 Resp: 400519
Ion Ratio Lower Upper
168 100
139 39.2 27.4 41.0
169 14.0 11.0 16.4

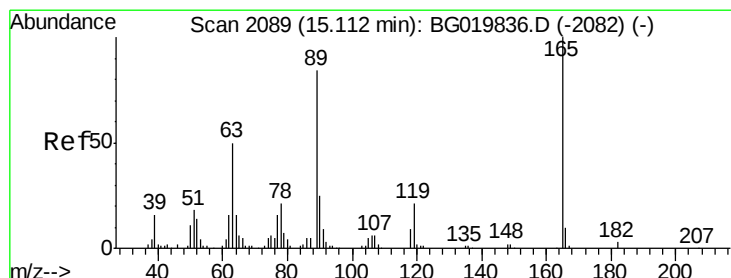
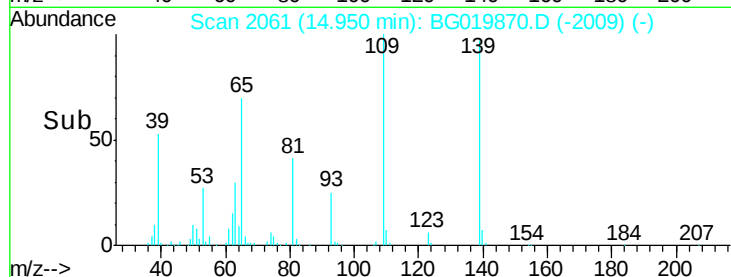
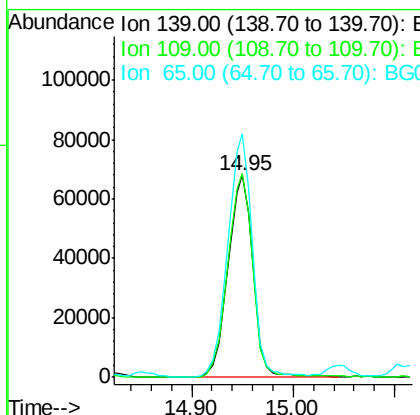
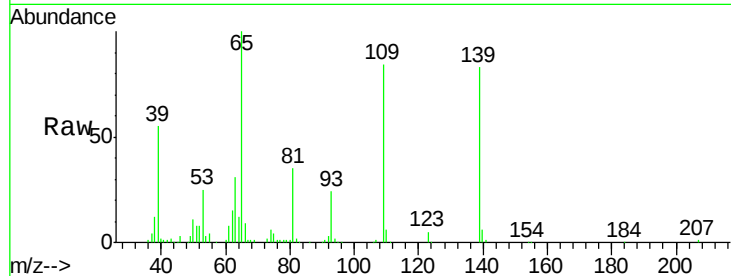




#55
4-Nitrophenol
Concen: 103.00 ng
RT: 14.95 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

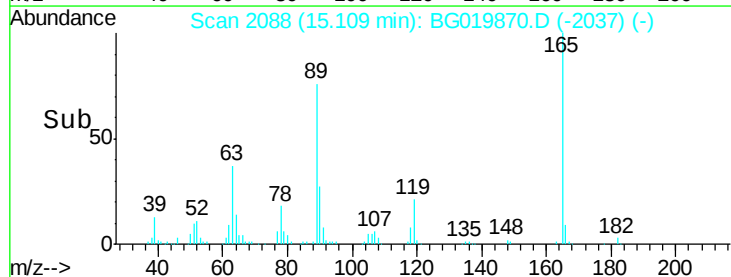
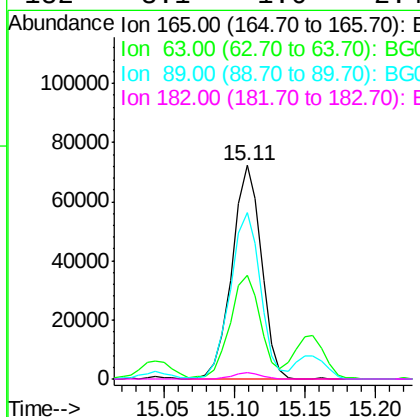
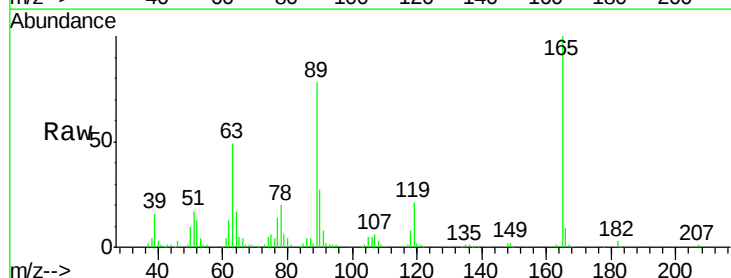
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

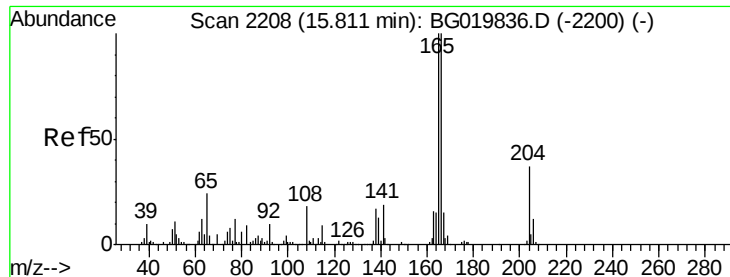
Tgt Ion:139 Resp: 115695
Ion Ratio Lower Upper
139 100
109 101.0 43.2 83.2#
65 120.5 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 60.29 ng
RT: 15.11 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:165 Resp: 104423
Ion Ratio Lower Upper
165 100
63 48.6 31.0 46.4#
89 77.8 54.4 81.6
182 3.1 1.6 2.4#





#57

Fluorene

Concen: 54.65 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

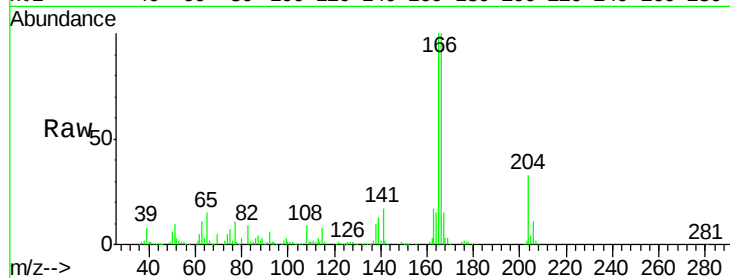
Tgt Ion:166 Resp: 349210

Ion Ratio Lower Upper

166 100

165 100.4 80.0 120.0

167 14.7 11.1 16.7

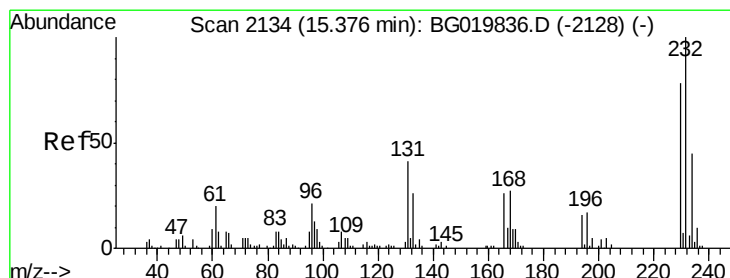
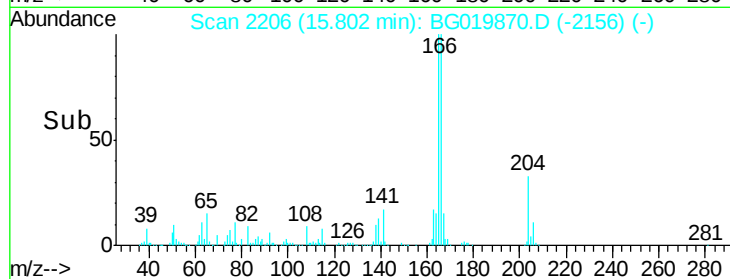
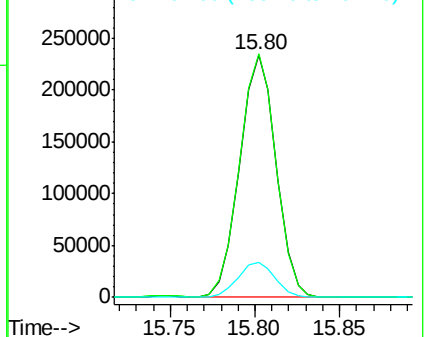


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.43 ng

RT: 15.37 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Tgt Ion:232 Resp: 107192

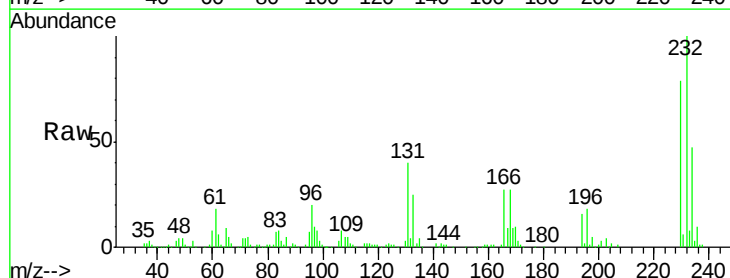
Ion Ratio Lower Upper

232 100

131 41.0 33.0 49.6

130 2.4 2.0 3.0

166 27.0 24.1 36.1



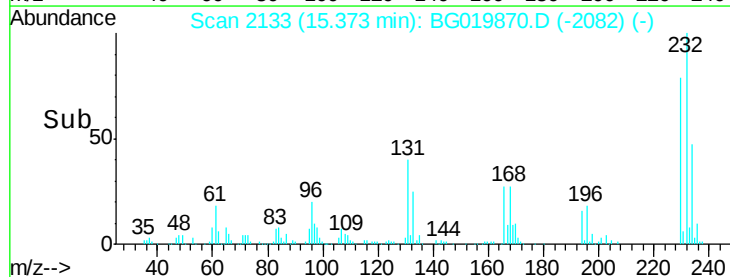
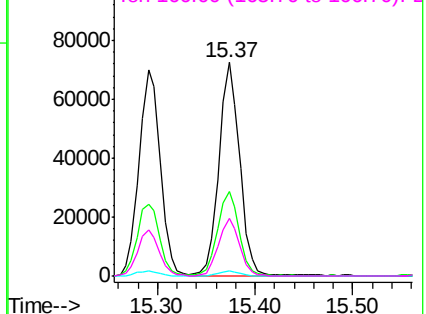
Abundance

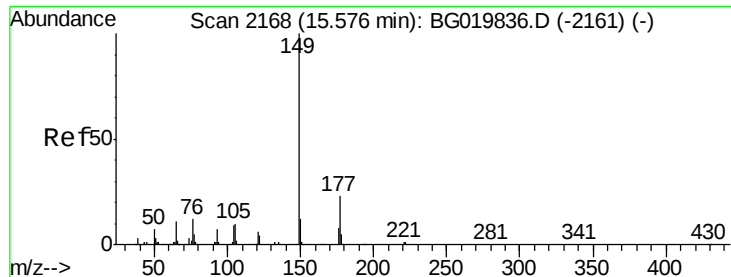
Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 49.76 ng

RT: 15.57 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

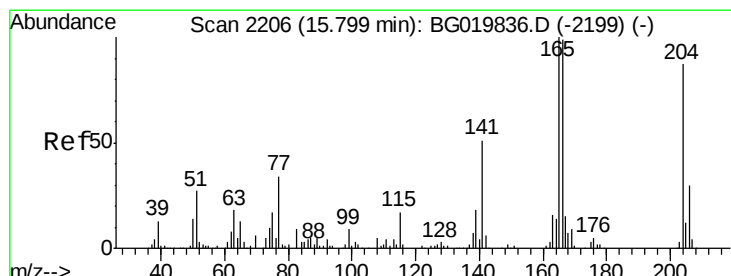
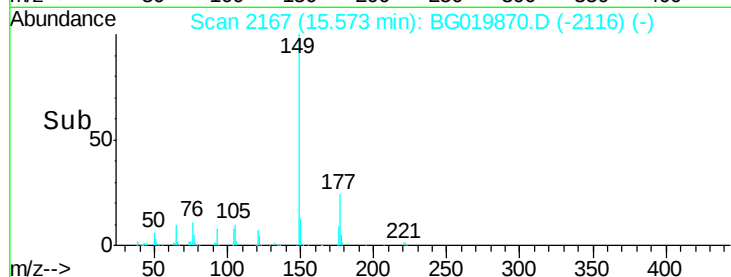
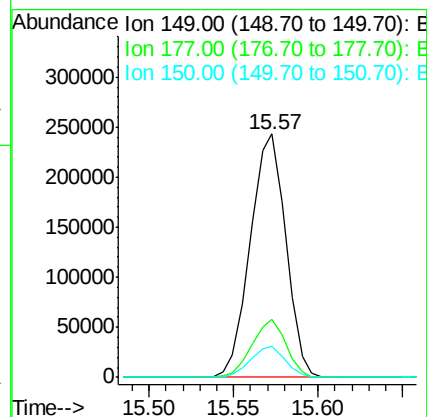
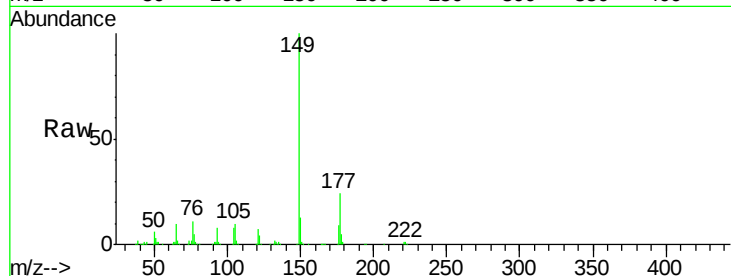
Tgt Ion:149 Resp: 355559

Ion Ratio Lower Upper

149 100

177 23.6 19.6 29.4

150 12.8 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 49.20 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

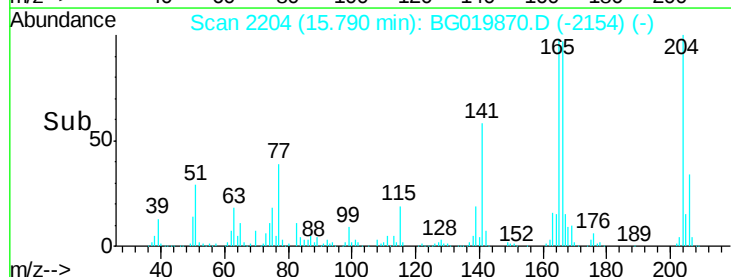
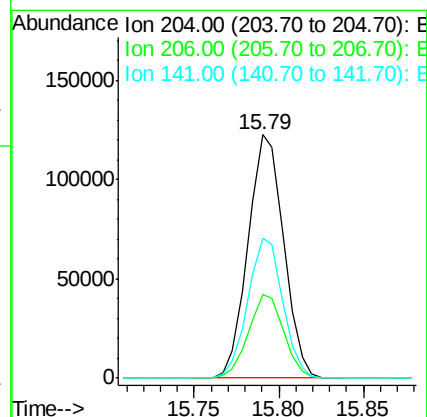
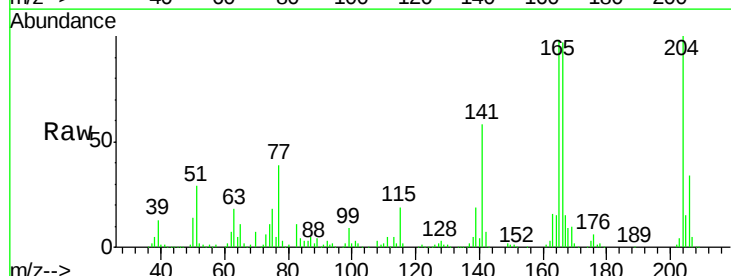
Tgt Ion:204 Resp: 180500

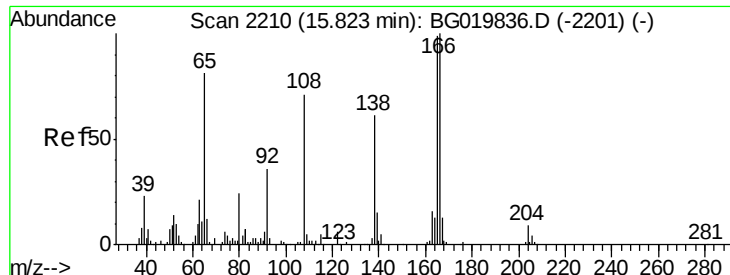
Ion Ratio Lower Upper

204 100

206 34.1 28.3 42.5

141 57.5 44.0 66.0

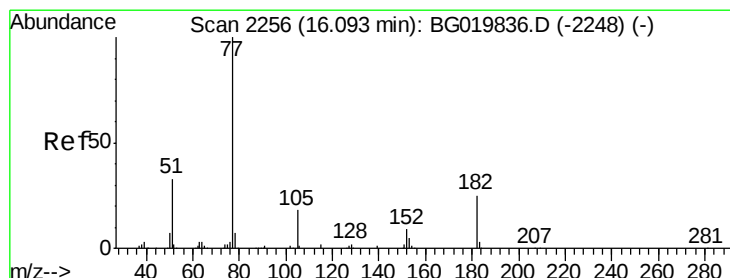
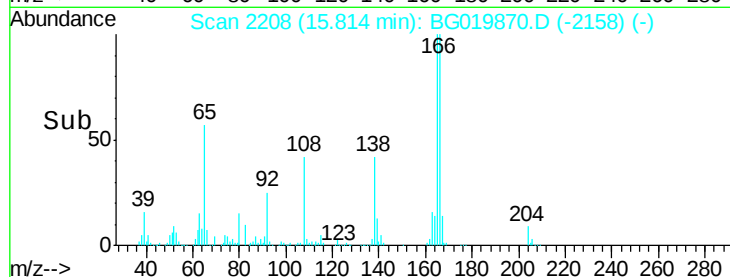
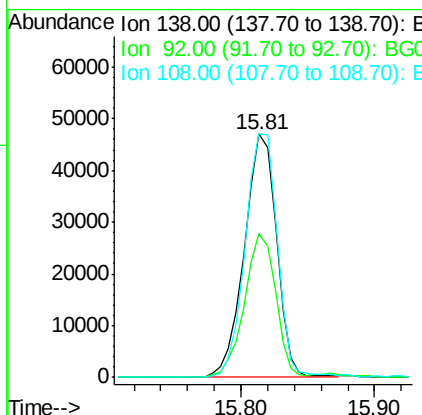
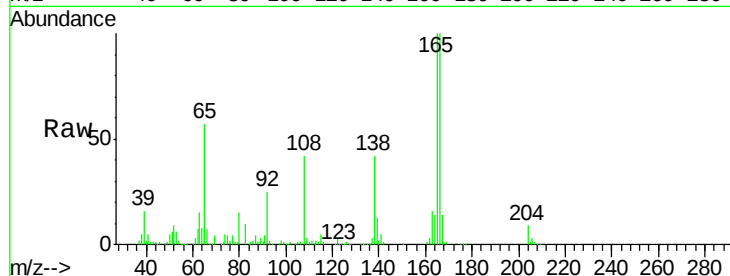




#61
4-Nitroaniline
Concen: 54.03 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

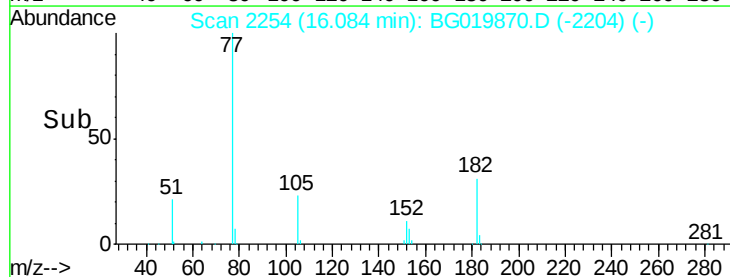
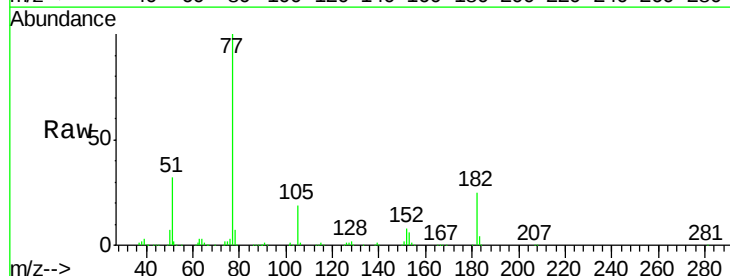
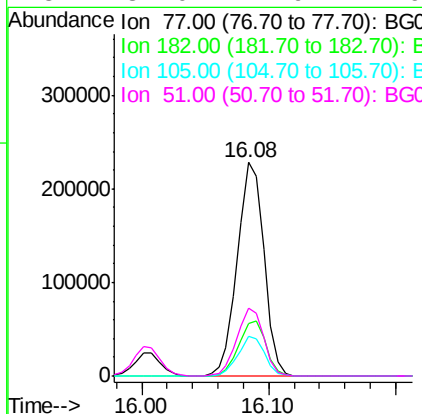
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

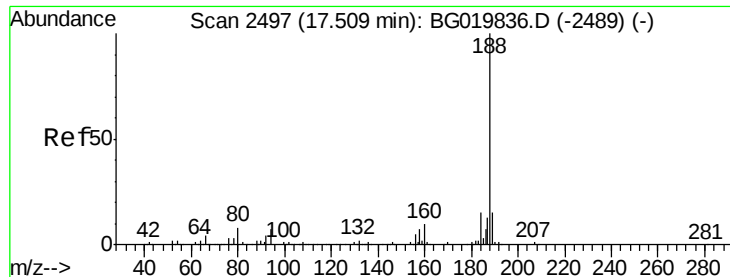
Tgt Ion:138 Resp: 78374
Ion Ratio Lower Upper
138 100
92 58.9 29.1 69.1
108 100.1 49.8 89.8#



#62
Azobenzene
Concen: 55.76 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion: 77 Resp: 331554
Ion Ratio Lower Upper
77 100
182 24.7 7.0 47.0
105 18.5 1.4 41.4
51 32.0 4.9 44.9

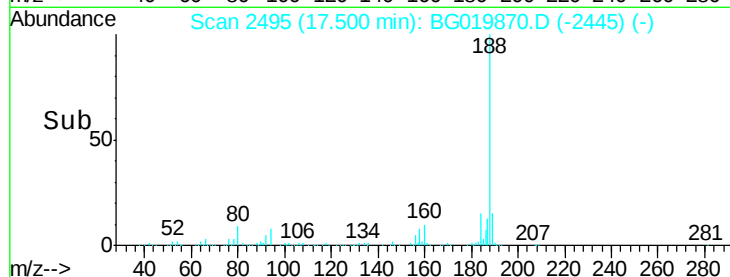
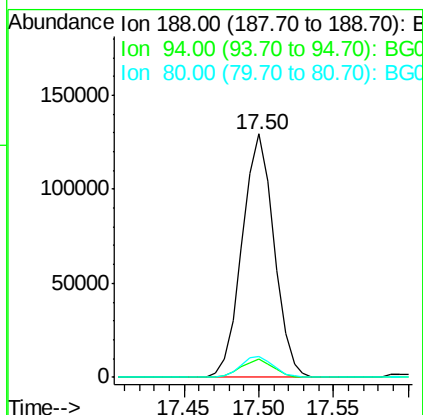
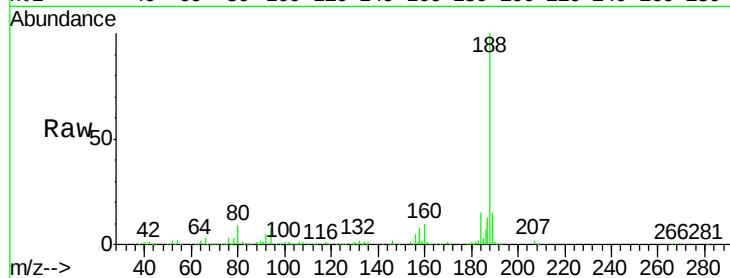




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

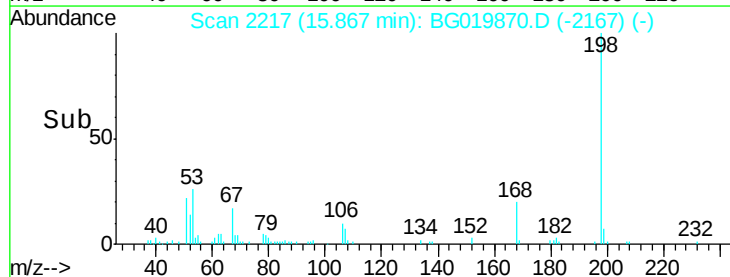
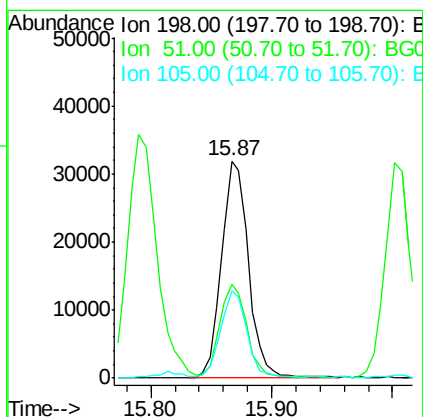
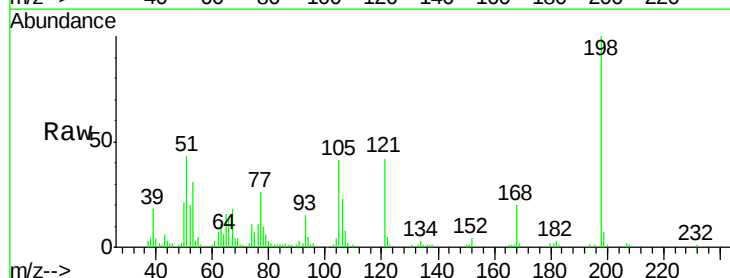
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

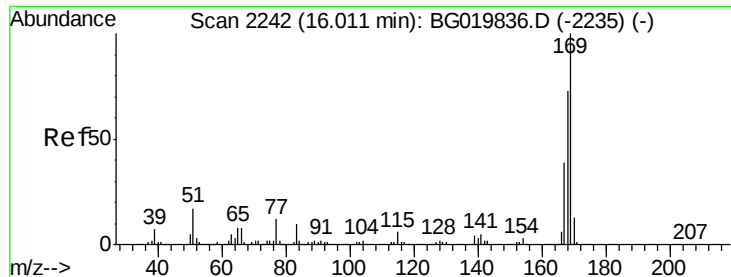
Tgt Ion:188 Resp: 191633
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5
80 8.8 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 46.02 ng
RT: 15.87 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:198 Resp: 49235
Ion Ratio Lower Upper
198 100
51 43.4 14.2 54.2
105 40.6 21.1 61.1

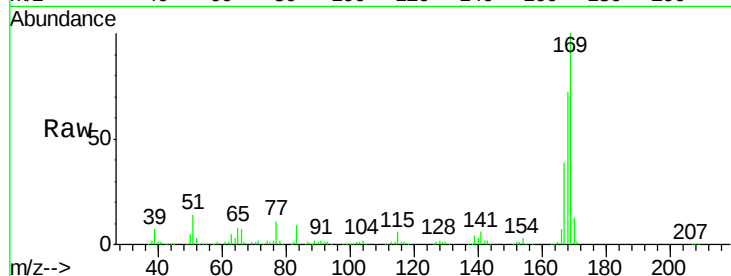




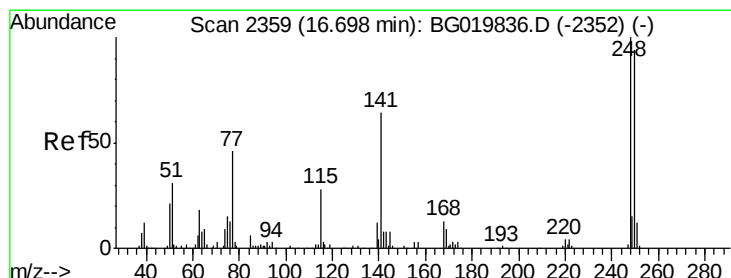
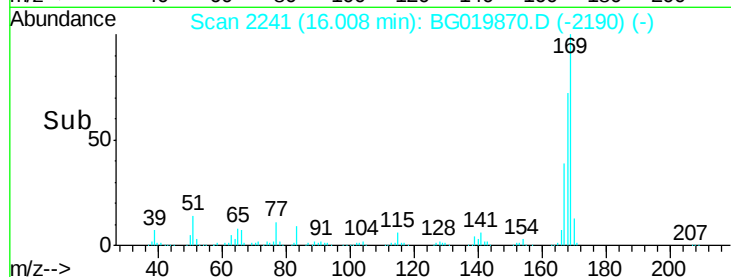
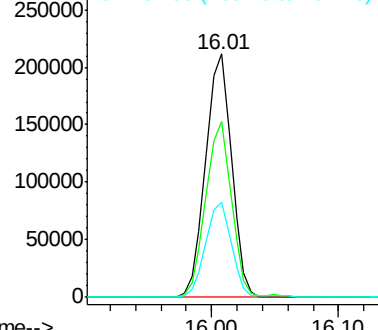
#65
 n-Nitrosodiphenylamine
 Concen: 54.05 ng
 RT: 16.01 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tgt Ion:169 Resp: 299729
 Ion Ratio Lower Upper
 169 100
 168 72.2 58.2 87.2
 167 39.0 32.7 49.1

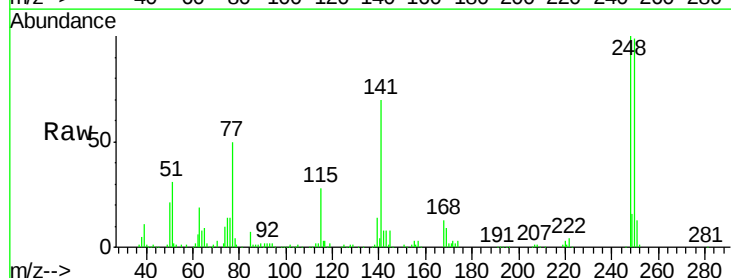


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

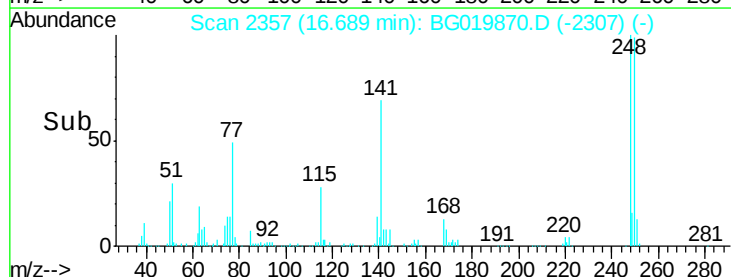
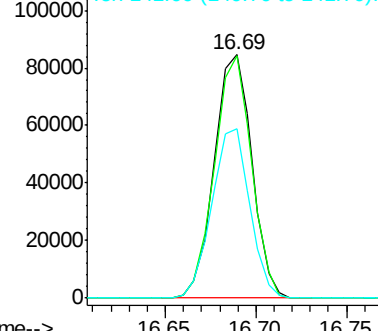


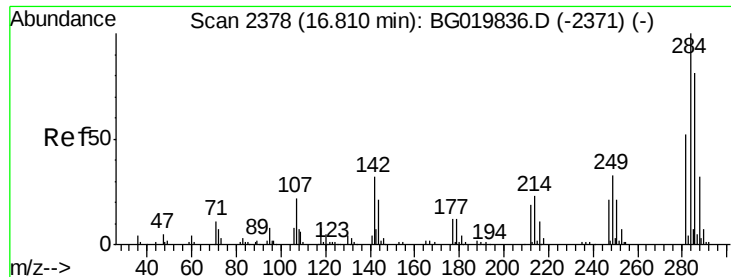
#66
 4-Bromophenyl-phenylether
 Concen: 51.30 ng
 RT: 16.69 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion:248 Resp: 122157
 Ion Ratio Lower Upper
 248 100
 250 99.4 77.8 116.8
 141 69.7 50.4 75.6



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

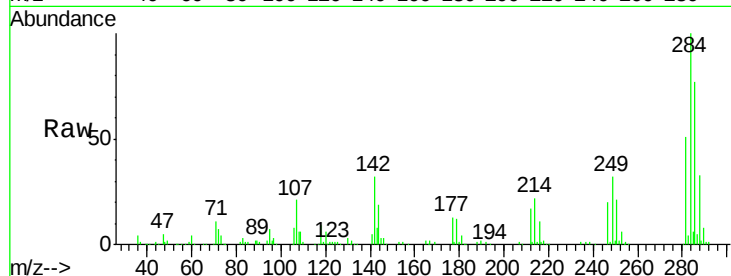




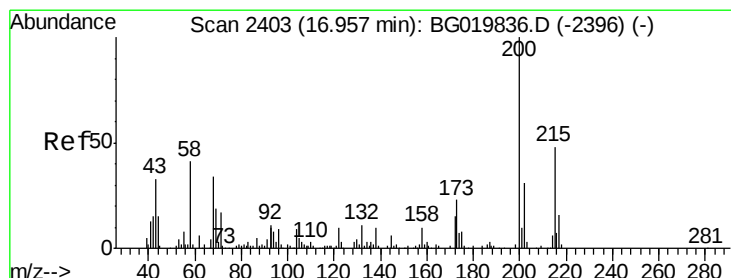
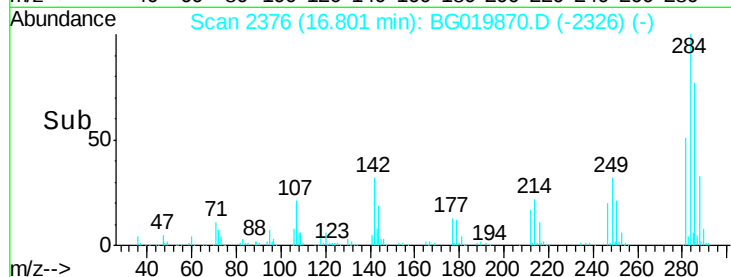
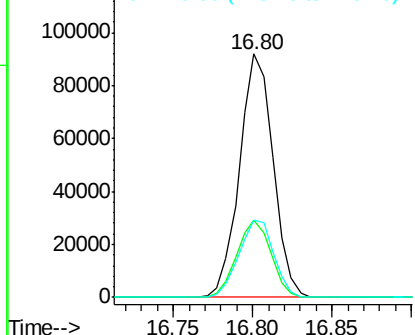
#67
Hexachlorobenzene
Concen: 54.44 ng
RT: 16.80 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion:284 Resp: 135047
Ion Ratio Lower Upper
284 100
142 32.0 26.6 39.8
249 31.8 26.2 39.2

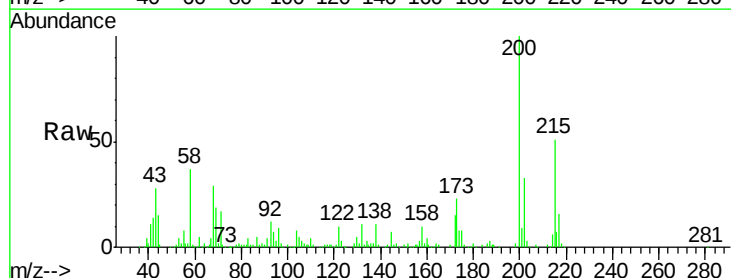


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

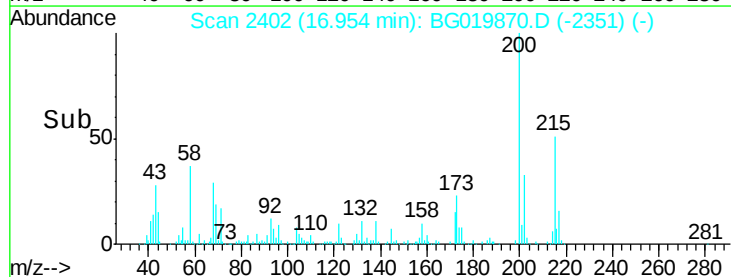
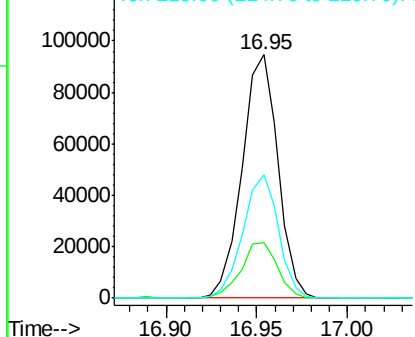


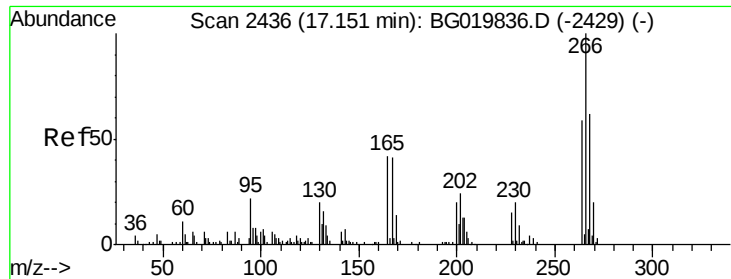
#68
Atrazine
Concen: 53.81 ng
RT: 16.95 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:200 Resp: 129637
Ion Ratio Lower Upper
200 100
173 23.0 5.2 45.2
215 50.8 27.0 67.0



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

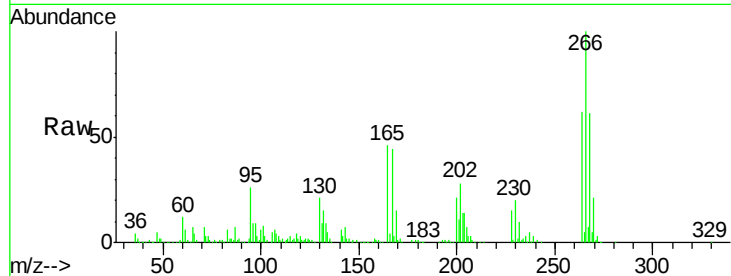




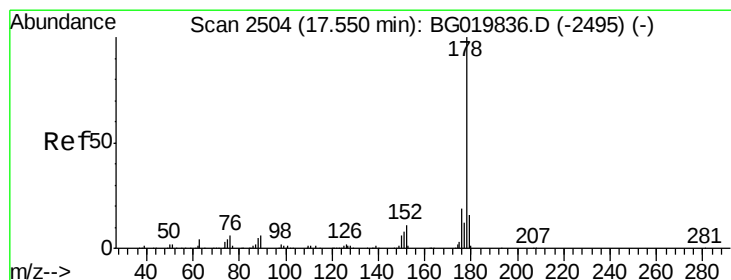
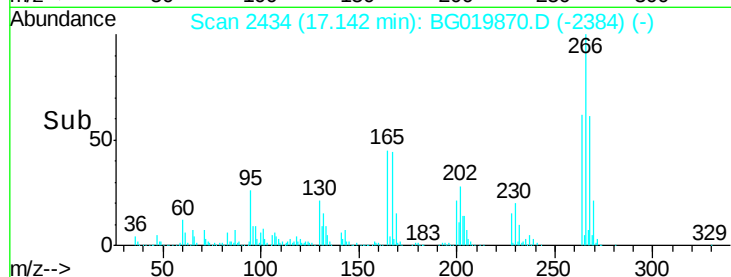
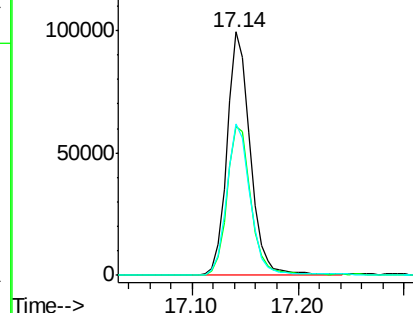
#69
 Pentachlorophenol
 Concen: 104.70 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

Tgt Ion:266 Resp: 151586
 Ion Ratio Lower Upper
 266 100
 268 61.0 47.6 71.4
 264 62.1 48.1 72.1

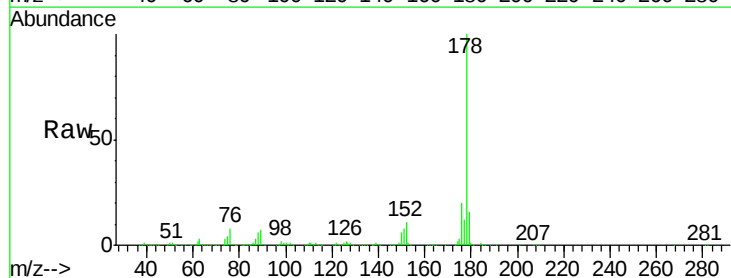


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

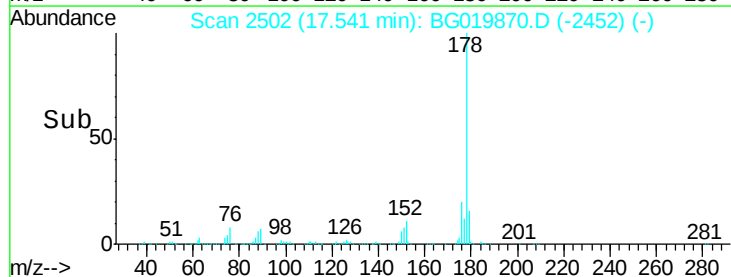
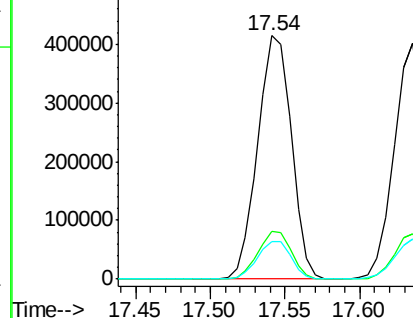


#70
 Phenanthrene
 Concen: 59.63 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion:178 Resp: 646553
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.7 25.1
 179 15.7 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

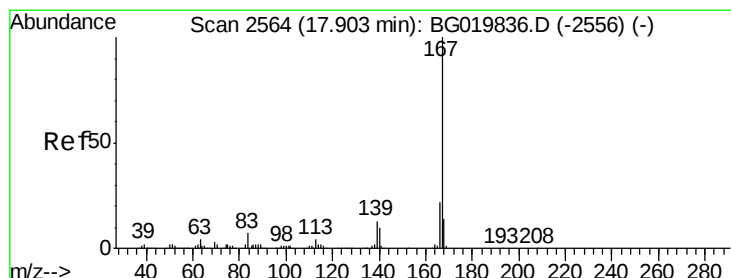
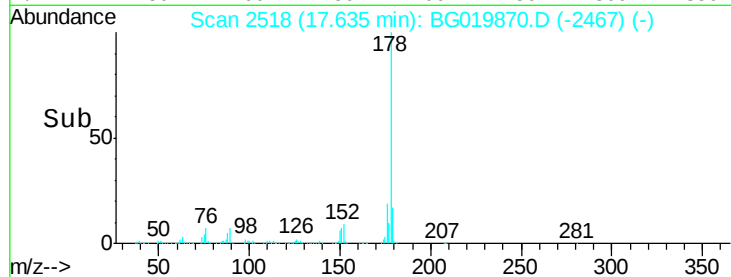
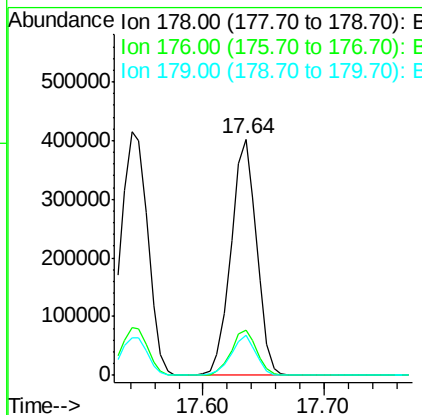
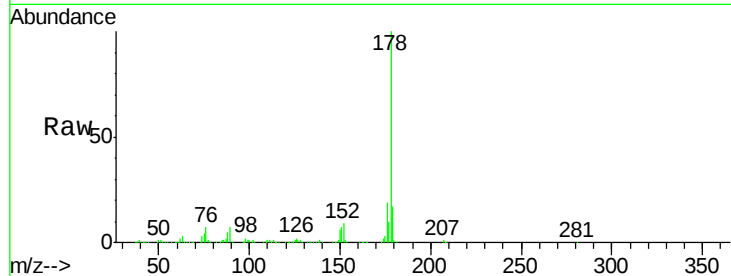




#71
 Anthracene
 Concen: 53.67 ng
 RT: 17.64 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

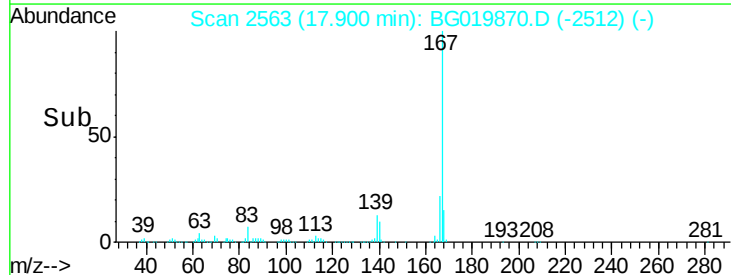
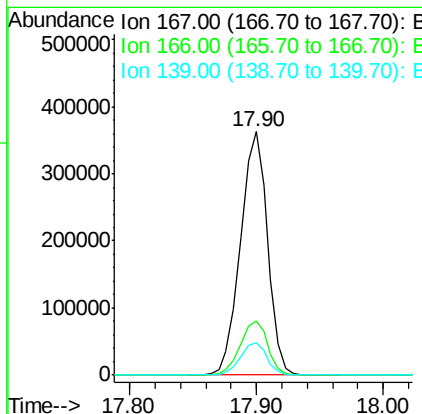
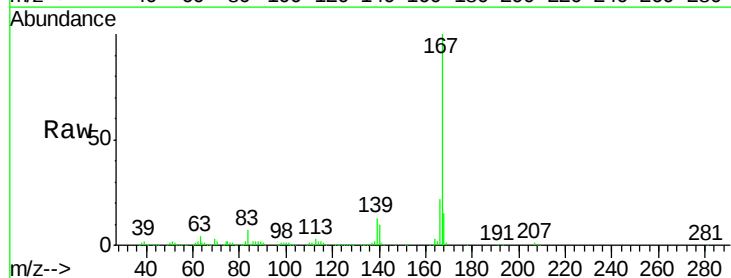
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

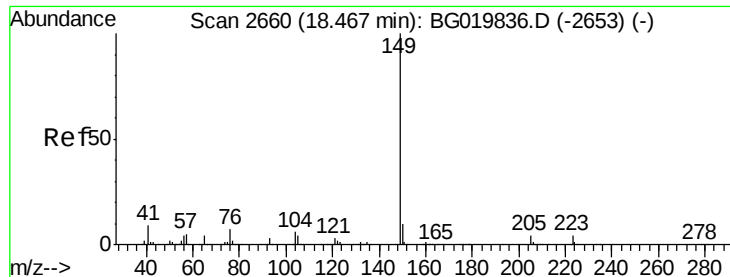
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.8	25.2
179	16.9	13.9	20.9



#72
 Carbazole
 Concen: 55.05 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	19.0	28.6
139	13.2	10.2	15.4





#73

Di-n-butylphthalate

Concen: 52.13 ng

RT: 18.46 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

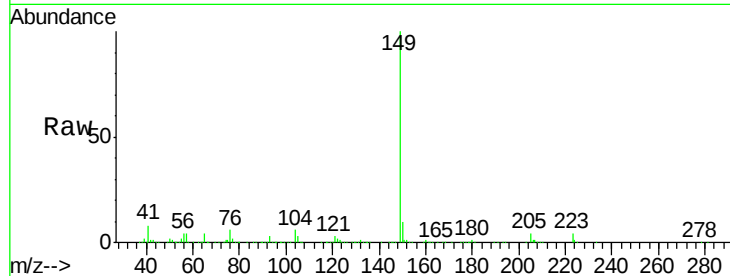
Tgt Ion:149 Resp: 621575

Ion Ratio Lower Upper

149 100

150 9.9 8.2 12.4

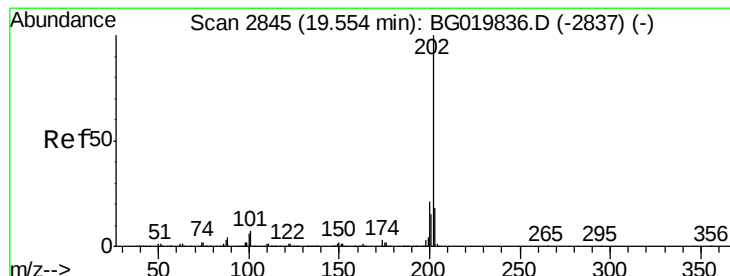
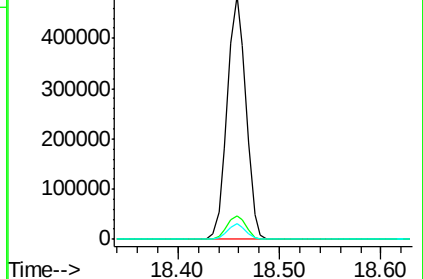
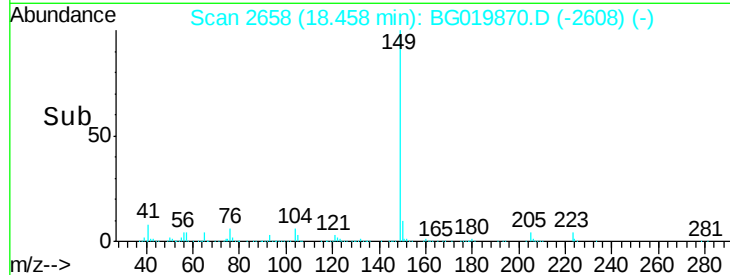
104 6.4 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.55 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

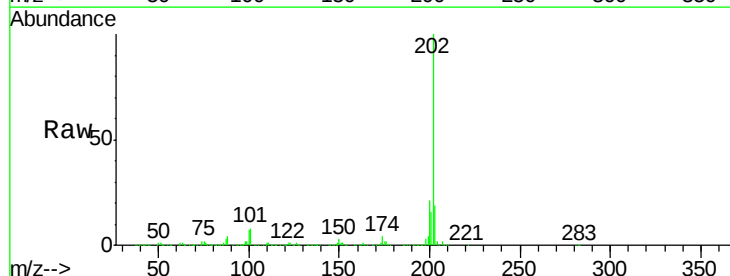
Tgt Ion:202 Resp: 728704

Ion Ratio Lower Upper

202 100

101 7.7 0.0 32.4

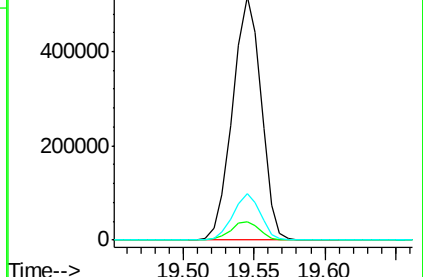
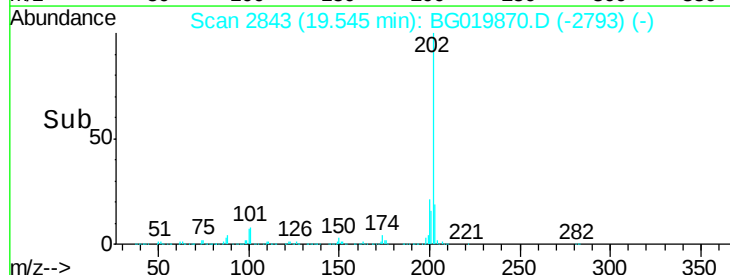
203 19.2 0.0 39.5

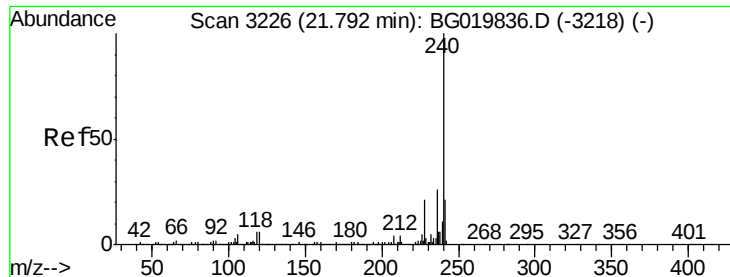


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

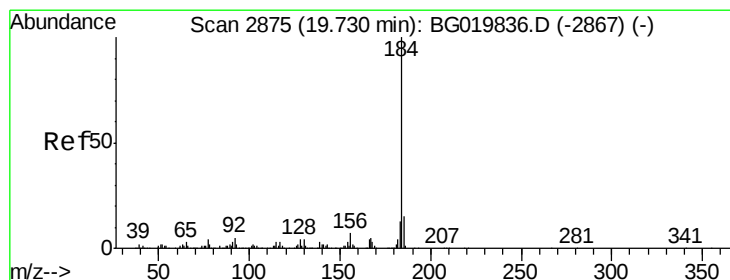
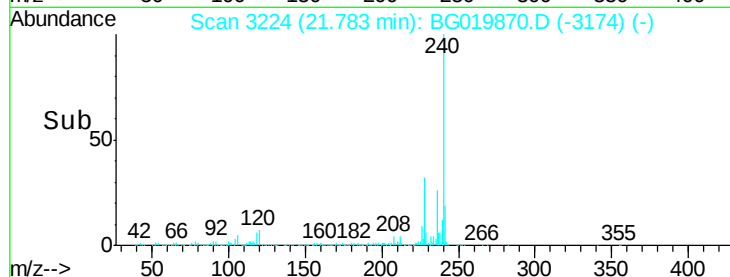
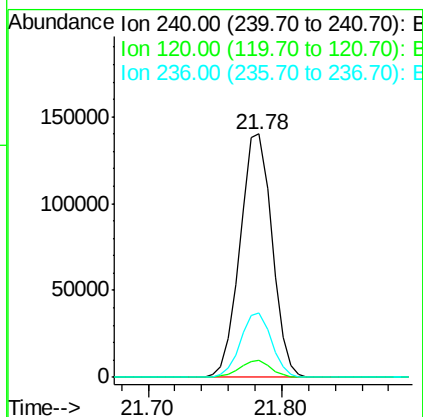
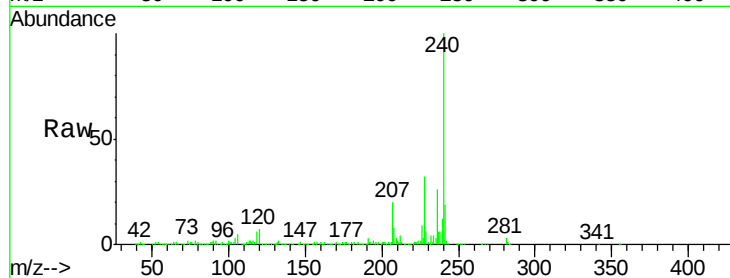




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

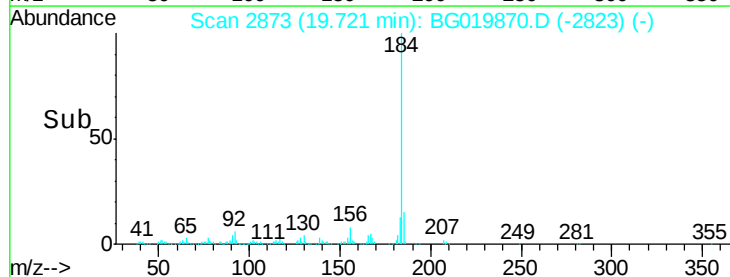
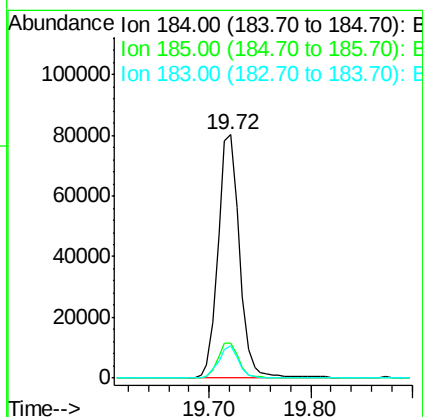
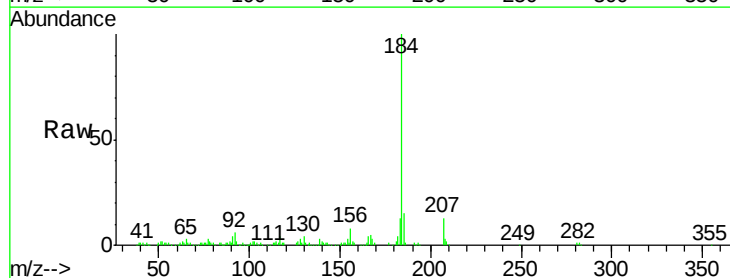
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion:240 Resp: 231732
Ion Ratio Lower Upper
240 100
120 7.0 7.4 11.0#
236 26.4 20.7 31.1



#76
Benzidine
Concen: 15.56 ng
RT: 19.72 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:184 Resp: 118409
Ion Ratio Lower Upper
184 100
185 14.6 13.4 20.2
183 13.2 10.1 15.1





#77

Pyrene

Concen: 54.75 ng

RT: 19.90 min Scan# 2904

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

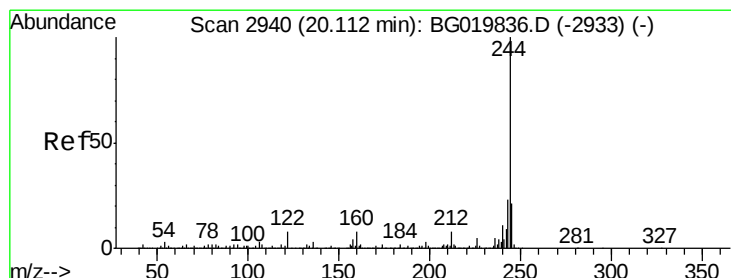
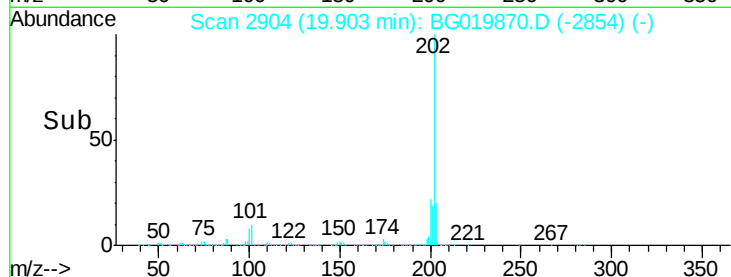
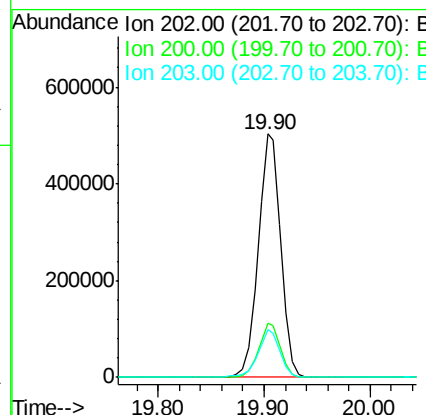
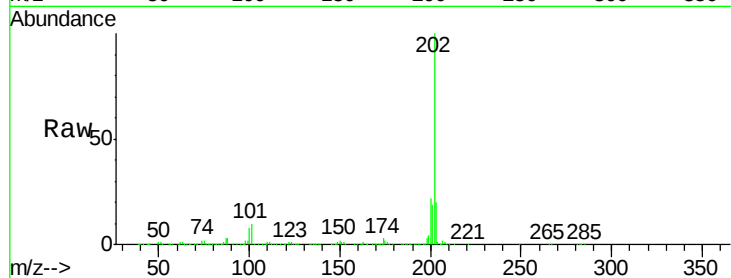
Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

Tgt Ion:	202	Resp:	746435
Ion	Ratio	Lower	Upper
202	100		
200	22.2	19.4	29.0
203	19.5	15.5	23.3



#78

Terphenyl-d14

Concen: 104.24 ng

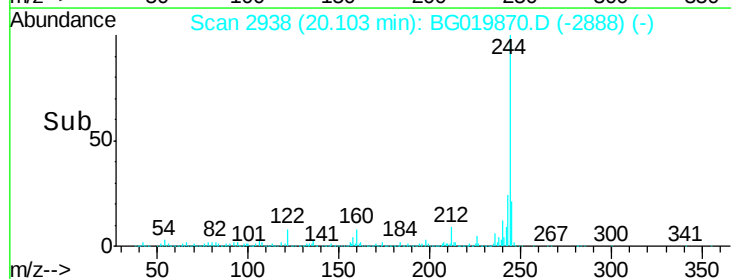
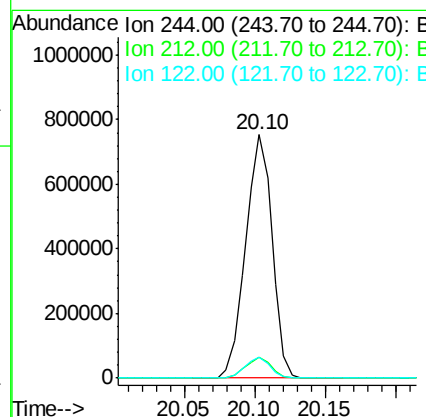
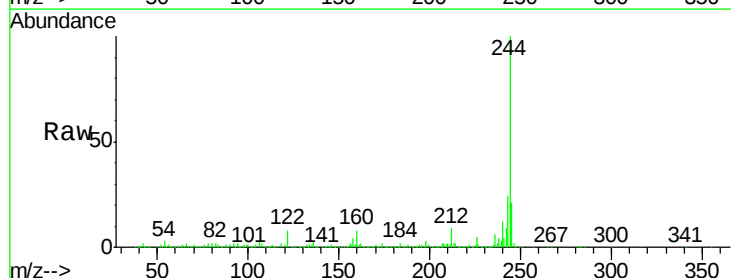
RT: 20.10 min Scan# 2938

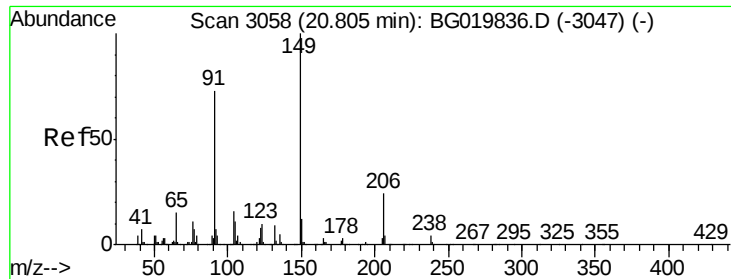
Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Tgt Ion:	244	Resp:	990358
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.9	10.3
122	8.5	10.2	15.2#

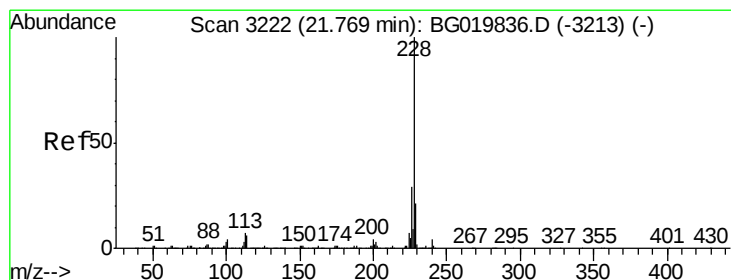
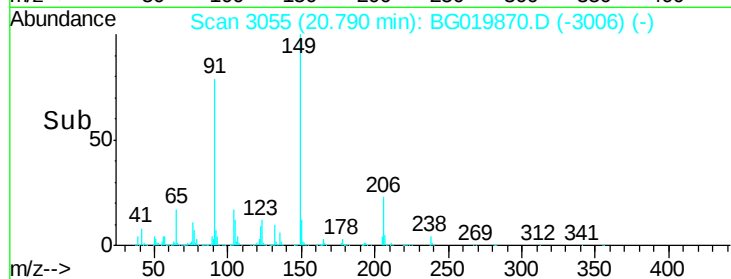
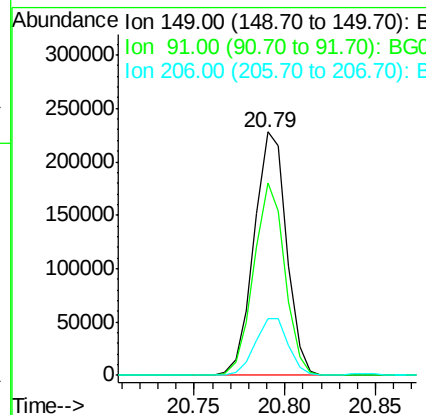
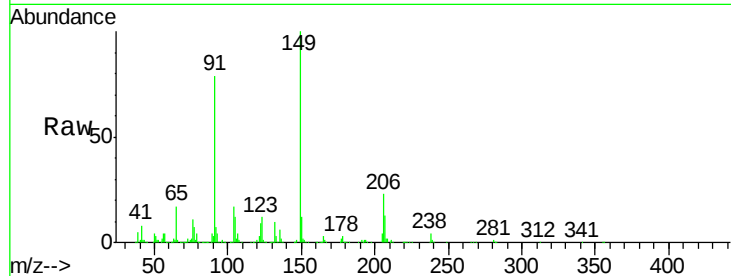




#79
Butylbenzylphthalate
Concen: 52.98 ng
RT: 20.79 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

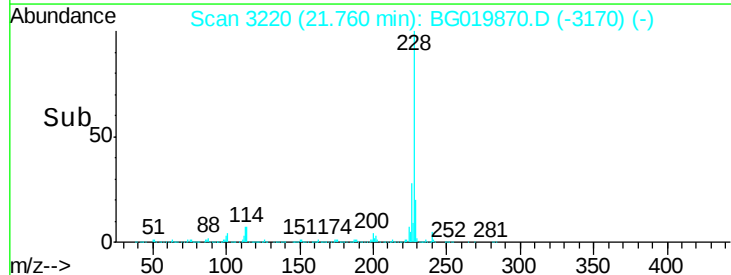
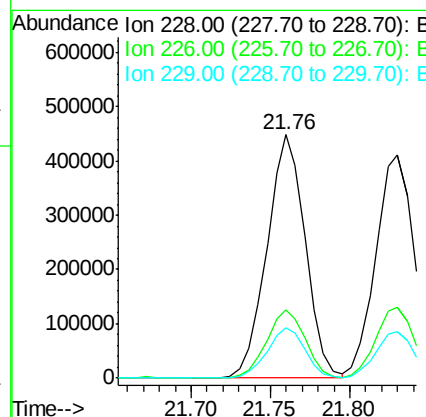
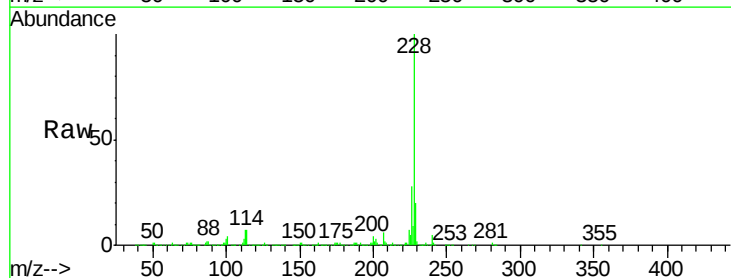
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-09(0-8)MS

Tgt Ion:149 Resp: 283120
Ion Ratio Lower Upper
149 100
91 79.1 58.1 87.1
206 23.3 17.8 26.8



#80
Benzo(a)anthracene
Concen: 52.79 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG019870.D
Acq: 3 Dec 2015 14:43

Tgt Ion:228 Resp: 748894
Ion Ratio Lower Upper
228 100
226 28.2 23.4 35.0
229 20.5 16.6 25.0





#81

3,3'-Dichlorobenzidine

Concen: 27.44 ng

RT: 21.67 min Scan# 3205

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

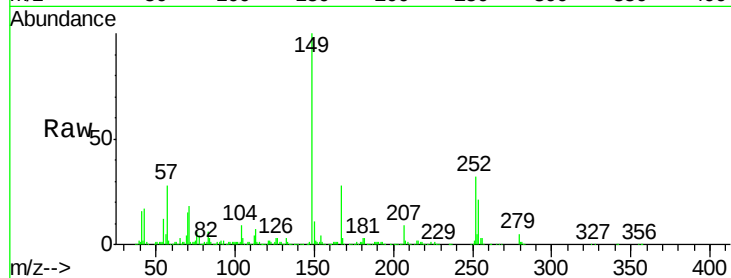
Tgt Ion:252 Resp: 148217

Ion Ratio Lower Upper

252 100

254 64.1 52.5 78.7

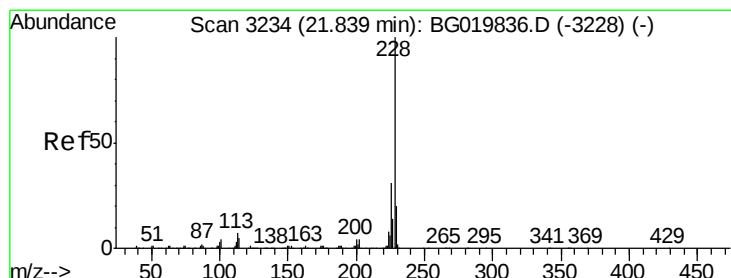
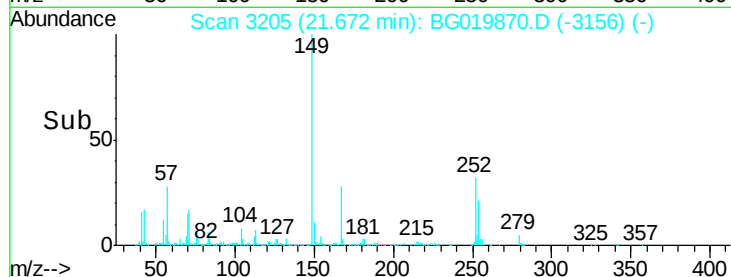
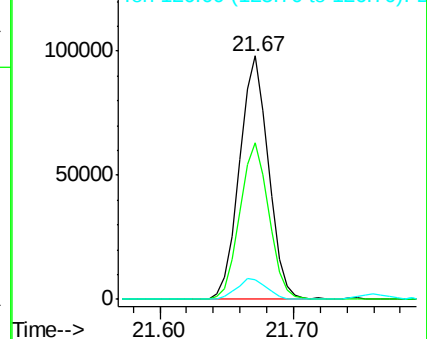
126 8.1 8.5 12.7#



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



#82

Chrysene

Concen: 50.89 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

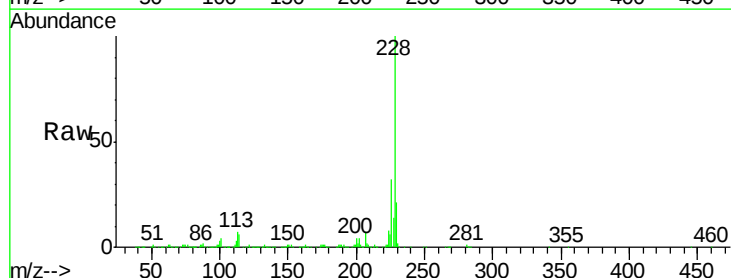
Tgt Ion:228 Resp: 685458

Ion Ratio Lower Upper

228 100

226 31.5 26.7 40.1

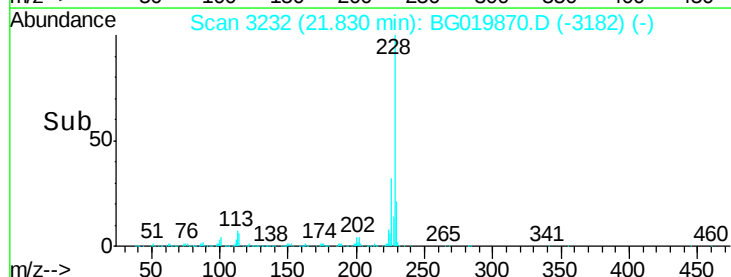
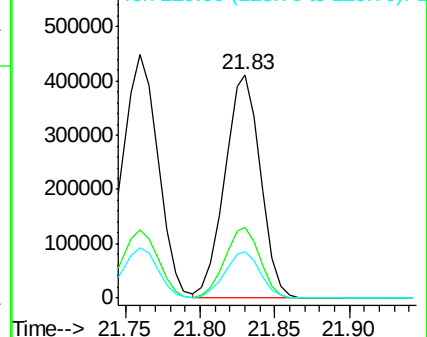
229 20.6 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

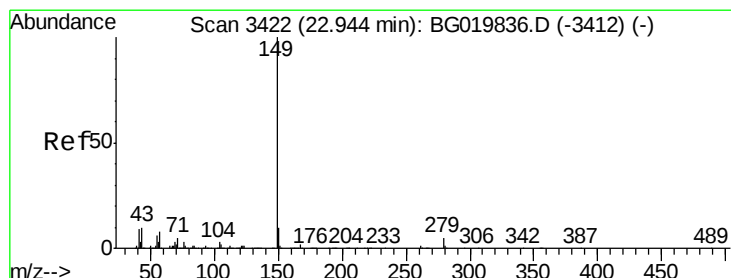
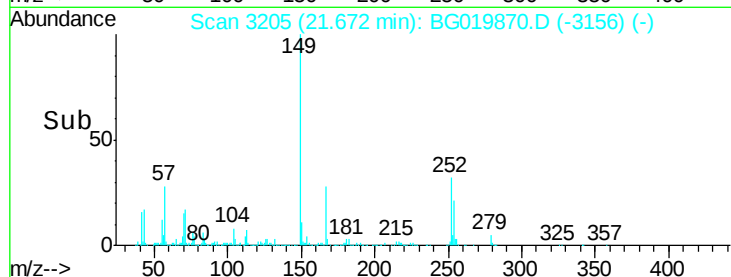
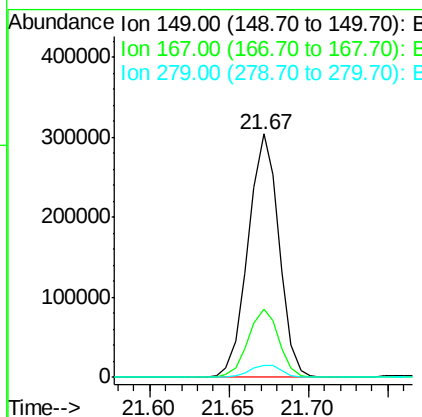
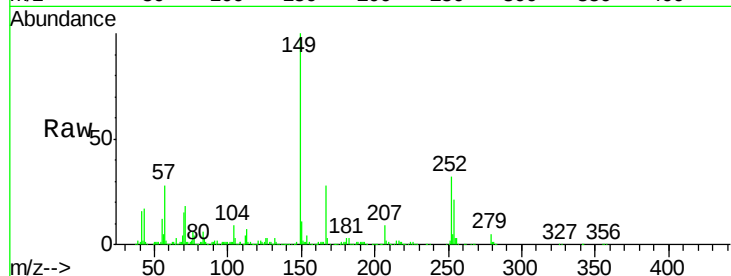




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.38 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.01 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

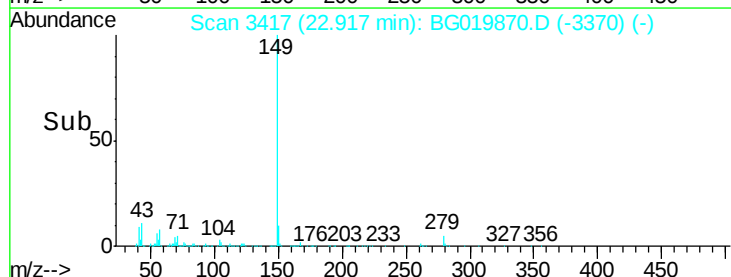
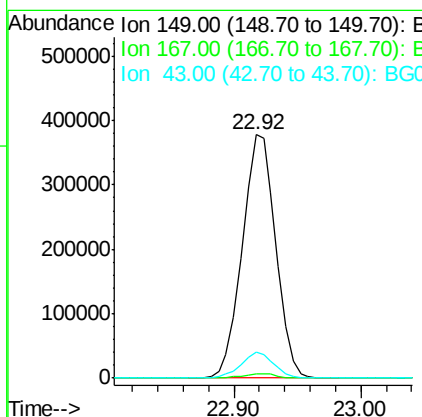
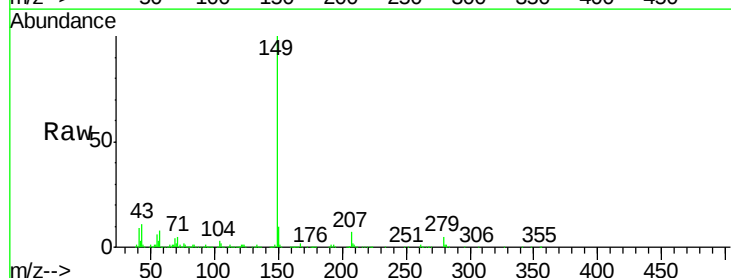
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-09(0-8)MS

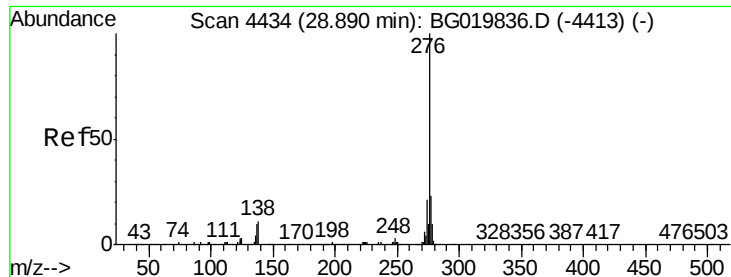
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.8	35.8
279	5.1	3.4	5.2



#84
 Di-n-octyl phthalate
 Concen: 54.02 ng
 RT: 22.92 min Scan# 3417
 Delta R.T. -0.03 min
 Lab File: BG019870.D
 Acq: 3 Dec 2015 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	10.1	5.9	8.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 56.59 ng

RT: 28.86 min Scan# 4428

Delta R.T. -0.03 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

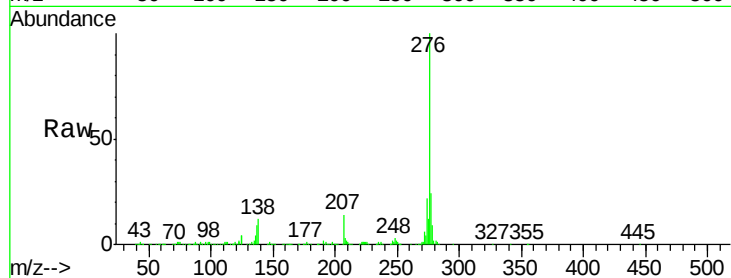
Tgt Ion:276 Resp: 839554

Ion Ratio Lower Upper

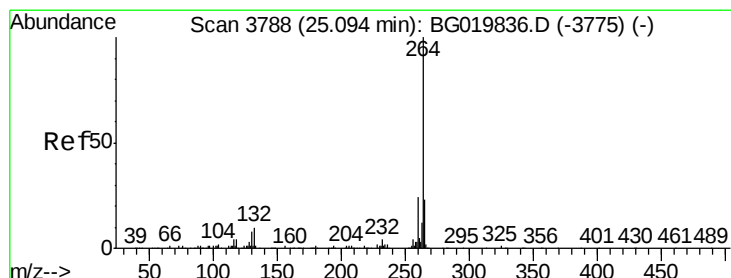
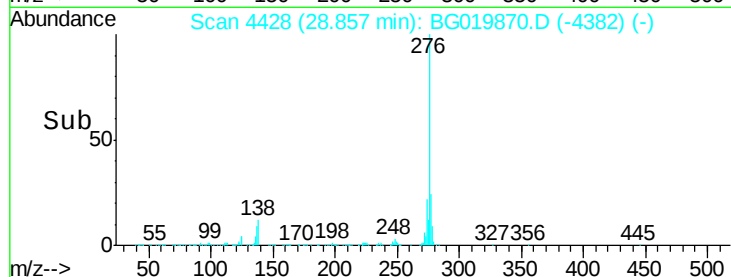
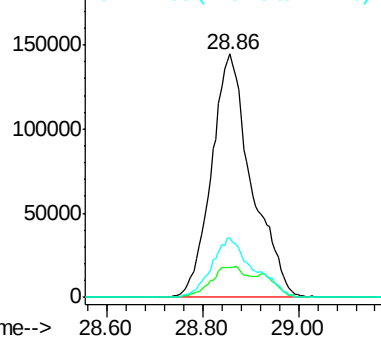
276 100

138 5.6 0.0 0.0#

277 25.4 0.0 0.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.07 min Scan# 3784

Delta R.T. -0.02 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

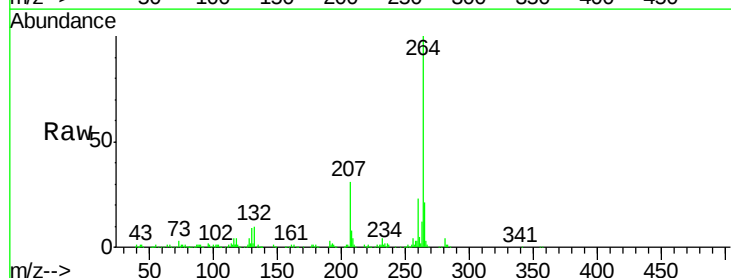
Tgt Ion:264 Resp: 217739

Ion Ratio Lower Upper

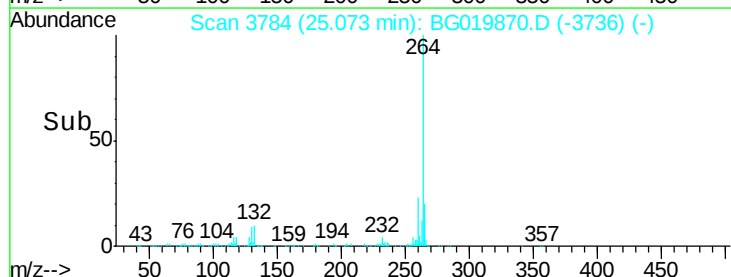
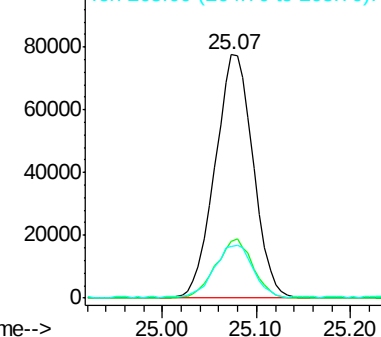
264 100

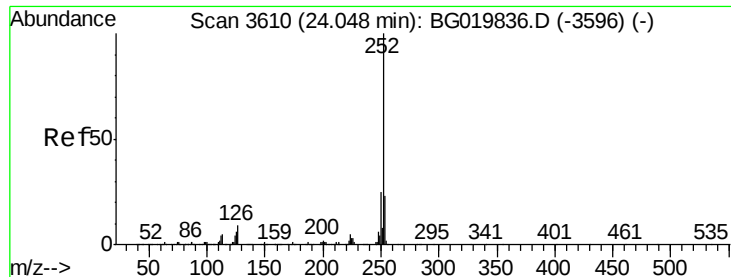
260 23.3 18.5 27.7

265 21.1 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 53.77 ng

RT: 24.03 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

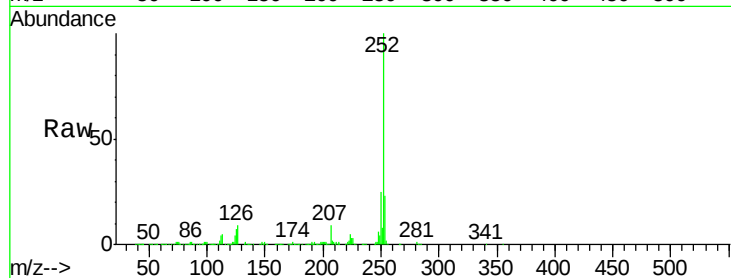
Tgt Ion:252 Resp: 741981

Ion Ratio Lower Upper

252 100

253 22.8 19.1 28.7

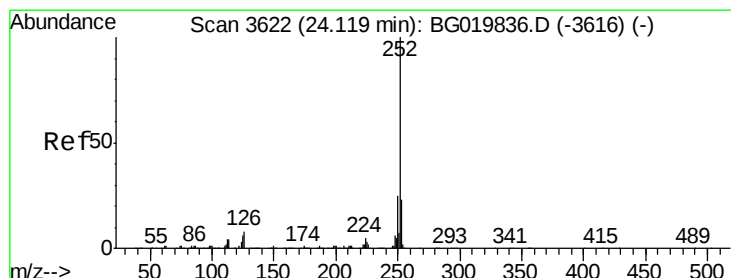
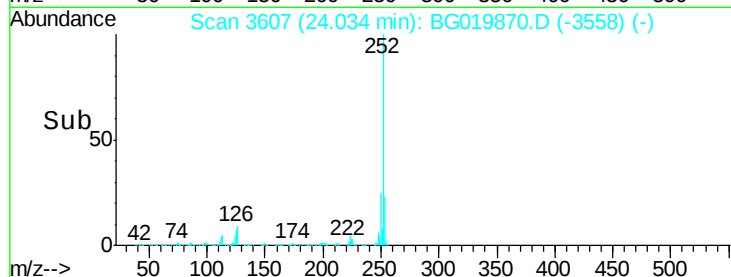
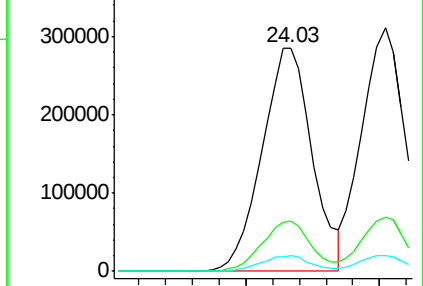
125 6.8 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.71 ng

RT: 24.10 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

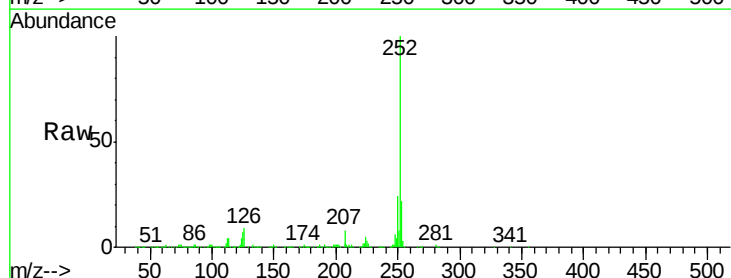
Tgt Ion:252 Resp: 693005

Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.4

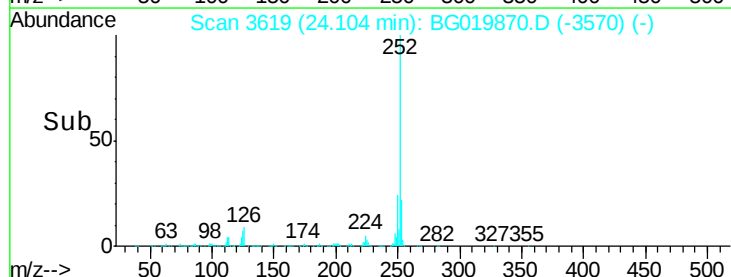
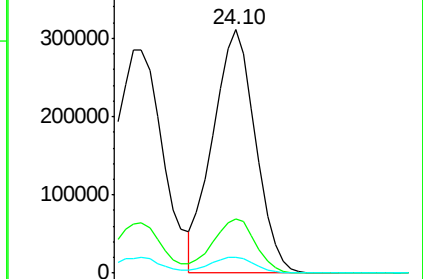
125 6.7 8.9 13.3#

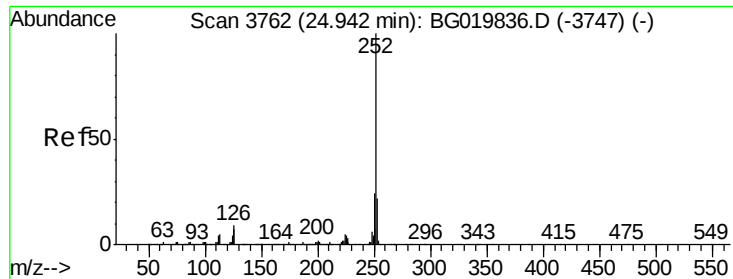


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 52.99 ng

RT: 24.93 min Scan# 3759

Delta R.T. -0.01 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

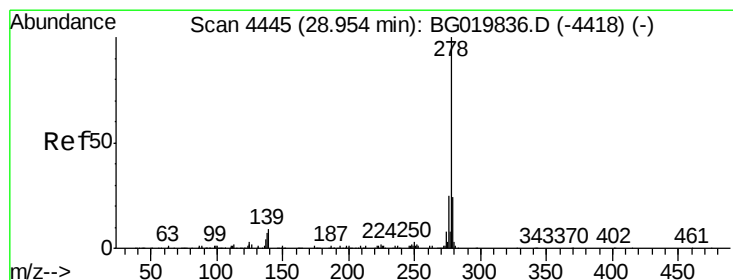
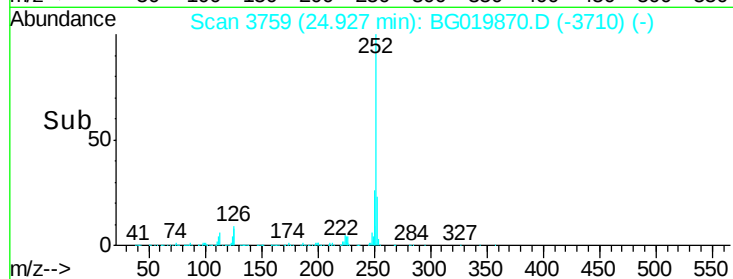
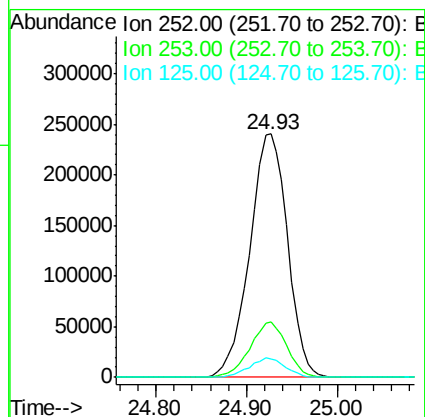
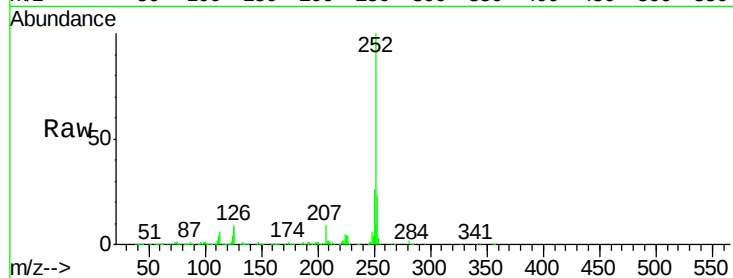
Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

Tgt Ion:	252	Resp:	694292
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.7	28.1
125	7.7	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 53.93 ng

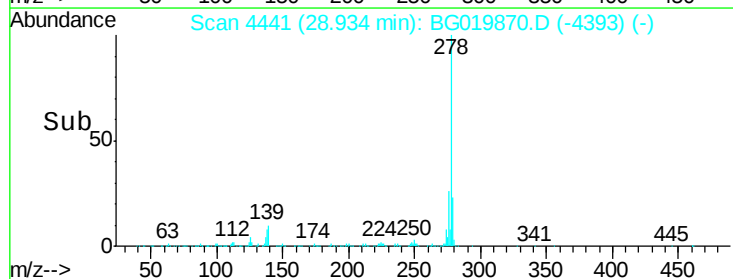
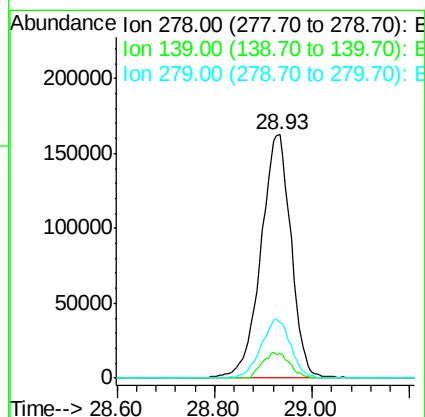
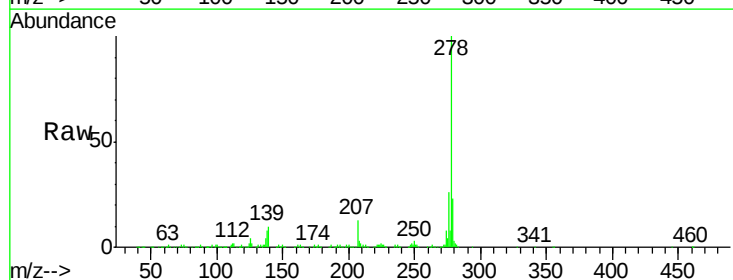
RT: 28.93 min Scan# 4441

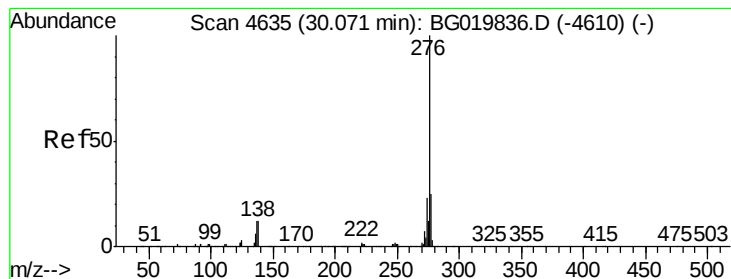
Delta R.T. -0.02 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Tgt Ion:	278	Resp:	698031
Ion Ratio	Lower	Upper	
278	100		
139	10.3	13.8	20.6#
279	22.8	19.4	29.0





#91

Benzo(g,h,i)perylene

Concen: 54.38 ng

RT: 30.04 min Scan# 4629

Delta R.T. -0.03 min

Lab File: BG019870.D

Acq: 3 Dec 2015 14:43

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-09(0-8)MS

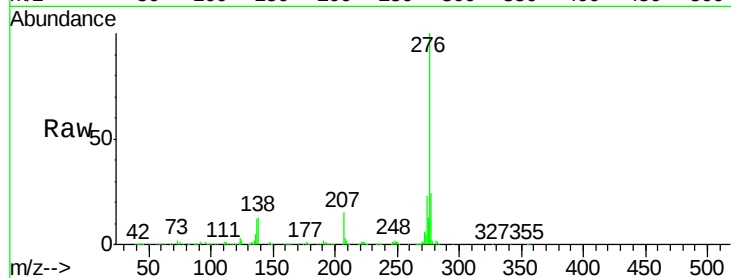
Tgt Ion: 276 Resp: 691129

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 12.8 17.4 26.0#



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

