

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019895.D
 Acq On : 4 Dec 2015 7:00
 Operator : UM/NP
 Sample : G4609-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

Quant Time: Dec 04 07:53:22 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	27109	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	119992	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	86609	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	220183	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	264414	20.00	ng	-0.02
86) Perylene-d12	25.06	264	253585	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	188465	125.65	ng	-0.01
7) Phenol-d6	7.26	99	284543	125.64	ng	-0.01
23) Nitrobenzene-d5	9.28	82	187814	79.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	143150	108.02	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	457021	72.05	ng	-0.01
78) Terphenyl-d14	20.09	244	796422	73.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	18933	32.40	ng	# 100
3) Pyridine	3.93	79	33851	19.07	ng	# 86
4) n-Nitrosodimethylamine	3.84	42	32215	34.52	ng	# 85
6) Aniline	7.44	93	74454	25.39	ng	# 87
8) 2-Chlorophenol	7.68	128	73447	40.16	ng	# 96
9) Benzaldehyde	7.25	77	28642	18.97	ng	# 93
10) Phenol	7.29	94	105389	44.22	ng	# 79
11) bis(2-Chloroethyl)ether	7.53	93	69174	39.19	ng	# 91
12) 1,3-Dichlorobenzene	8.01	146	74472	35.92	ng	# 93
13) 1,4-Dichlorobenzene	8.16	146	76254	35.62	ng	# 96
14) 1,2-Dichlorobenzene	8.47	146	76132	37.28	ng	# 92
15) Benzyl Alcohol	8.36	79	82483	41.51	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	104774	36.39	ng	# 94
17) 2-Methylphenol	8.55	107	70985	42.19	ng	# 91
18) Hexachloroethane	9.21	117	29045	36.23	ng	# 94
19) n-Nitroso-di-n-propylamine	8.93	70	67292	37.68	ng	# 88
20) 3+4-Methylphenols	8.88	107	98063	41.39	ng	# 94
22) Acetophenone	8.94	105	116556	35.44	ng	# 93
24) Nitrobenzene	9.33	77	100106	39.25	ng	# 90
25) Isophorone	9.85	82	183611	36.43	ng	# 96
26) 2-Nitrophenol	10.04	139	41941	42.58	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	80273	39.13	ng	# 93
28) bis(2-Chloroethoxy)methane	10.34	93	102257	41.52	ng	# 99
29) 2,4-Dichlorophenol	10.58	162	88029	42.01	ng	# 97
30) 1,2,4-Trichlorobenzene	10.80	180	87134	36.79	ng	# 98
31) Naphthalene	10.99	128	247230	38.46	ng	# 99
32) Benzoic acid	10.18	122	26777	22.95	ng	# 87
33) 4-Chloroaniline	11.09	127	56170	19.83	ng	# 91
34) Hexachlorobutadiene	11.28	225	61571	35.25	ng	# 99
35) Caprolactam	11.86	113	31189m	39.98	ng	# 99
36) 4-Chloro-3-methylphenol	12.20	107	103346	39.60	ng	# 90
37) 2-Methylnaphthalene	12.59	142	189201	40.16	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	117516	35.76	ng	# 99
40) Hexachlorocyclopentadiene	12.93	237	133688	71.34	ng	# 100

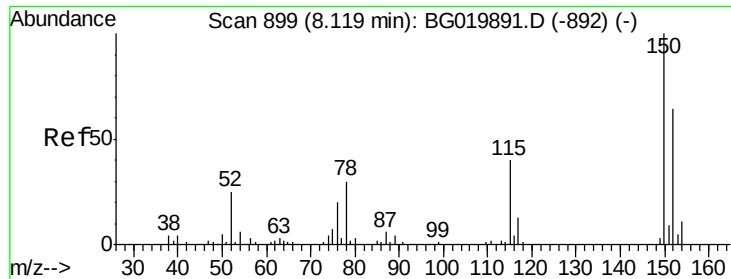
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019895.D
 Acq On : 4 Dec 2015 7:00
 Operator : UM/NP
 Sample : G4609-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

Quant Time: Dec 04 07:53:22 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)
42) 2,4,6-Trichlorophenol	13.19	196	82943	38.12	nq	99
43) 2,4,5-Trichlorophenol	13.25	196	90982	39.56	nq	97
45) 1,1'-Biphenyl	13.59	154	252833	35.57	nq	100
46) 2-Chloronaphthalene	13.63	162	206683	37.72	nq	96
47) 2-Nitroaniline	13.83	65	74154	42.85	nq	89
48) Acenaphthylene	14.47	152	342461	36.70	nq	99
49) Dimethylphthalate	14.20	163	344969	44.28	nq	99
50) 2,6-Dinitrotoluene	14.32	165	60997	41.64	nq	# 78
51) Acenaphthene	14.81	154	233192	41.18	nq	98
52) 3-Nitroaniline	14.65	138	50001	32.86	nq	98
53) 2,4-Dinitrophenol	14.85	184	56381	73.22	nq	# 84
54) Dibenzofuran	15.15	168	341075	40.49	nq	93
55) 4-Nitrophenol	14.94	139	101297	76.43	nq	# 64
56) 2,4-Dinitrotoluene	15.10	165	88111	43.11	nq	# 86
57) Fluorene	15.79	166	278217	36.90	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	87124	40.93	nq	97
59) Diethylphthalate	15.56	149	296889	35.21	nq	97
60) 4-Chlorophenyl-phenylether	15.79	204	153004	35.34	nq	98
61) 4-Nitroaniline	15.81	138	65466	38.25	nq	# 75
62) Azobenzene	16.08	77	280129	39.93	nq	96
64) 4,6-Dinitro-2-methylphenol	15.86	198	48965	40.66	nq	94
65) n-Nitrosodiphenylamine	16.00	169	250478	39.31	nq	96
66) 4-Bromophenyl-phenylether	16.68	248	100288	36.66	nq	94
67) Hexachlorobenzene	16.79	284	108990	38.24	nq	99
68) Atrazine	16.94	200	105501	38.11	nq	97
69) Pentachlorophenol	17.13	266	133475	80.24	nq	96
70) Phenanthrene	17.53	178	469350	37.68	nq	97
71) Anthracene	17.63	178	479207	37.77	nq	96
72) Carbazole	17.89	167	422596	37.81	nq	97
73) Di-n-butylphthalate	18.45	149	508816	37.14	nq	99
74) Fluoranthene	19.54	202	579536	36.37	nq	94
76) Benzidine	19.71	184	57813	6.66	nq	96
77) Pyrene	19.90	202	590795	37.98	nq	95
79) Butylbenzylphthalate	20.78	149	232735	38.17	nq	98
80) Benzo(a)anthracene	21.75	228	619167	38.25	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	149267	24.22	nq	98
82) Chrysene	21.82	228	562138	36.58	nq	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	347624	38.85	nq	96
84) Di-n-octyl phthalate	22.90	149	593787	40.82	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.83	276	687469	40.61	nq	# 100
87) Benzo(b)fluoranthene	24.01	252	605076	37.65	nq	# 94
88) Benzo(k)fluoranthene	24.08	252	571142	35.88	nq	# 96
89) Benzo(a)pyrene	24.90	252	579549	37.98	nq	# 95
90) Dibenzo(a,h)anthracene	28.89	278	568409	37.71	nq	# 94
91) Benzo(g,h,i)perylene	30.00	276	565449	38.20	nq	# 91

(#) = 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. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

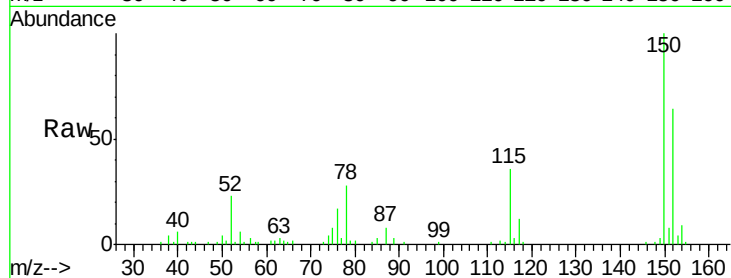
Tot Ion:152 Resp: 27109

Ion Ratio Lower Upper

152 100

150 157.4 115.0 172.4

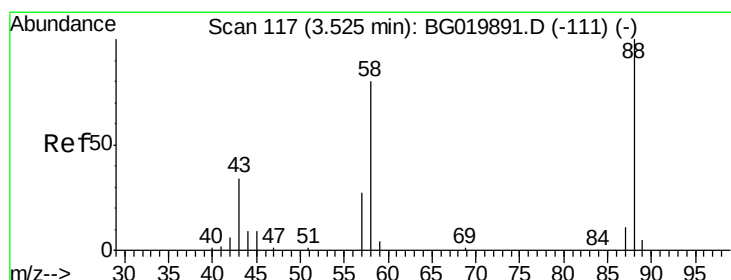
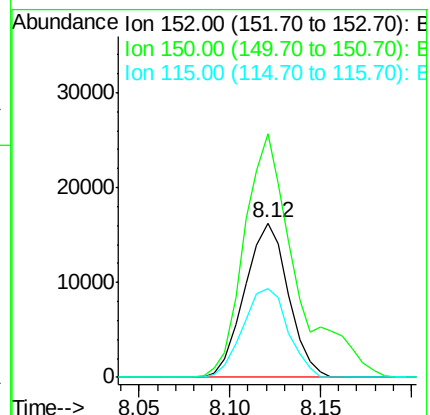
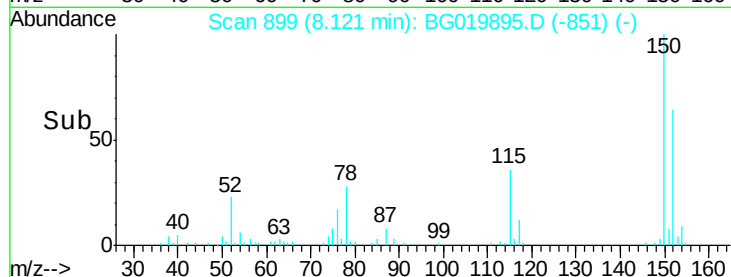
115 57.3 43.9 65.9



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: 32.40 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

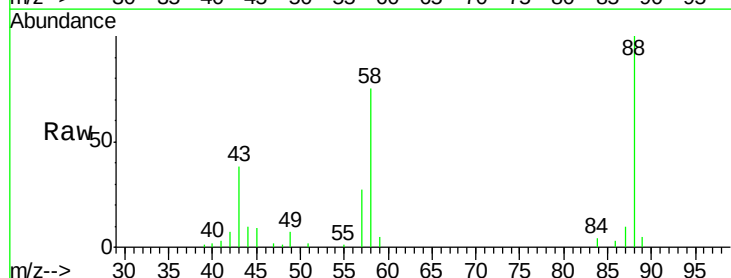
Tgt Ion: 88 Resp: 18933

Ion Ratio Lower Upper

88 100

58 88.7 0.0 0.0#

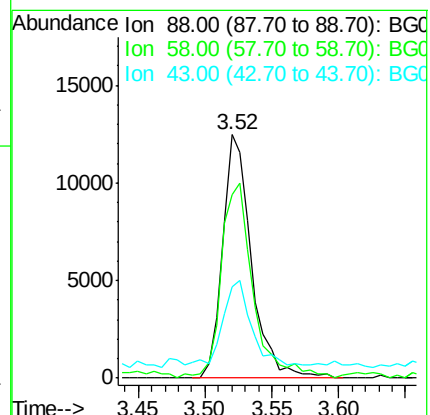
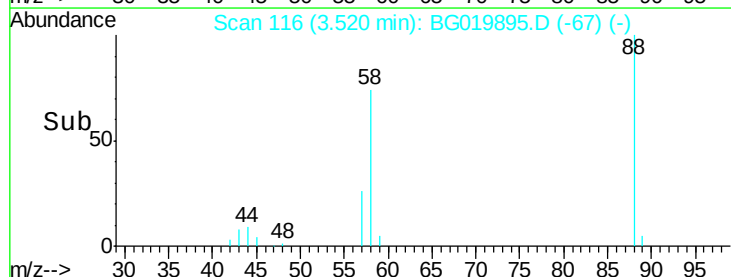
43 34.7 0.0 0.0#

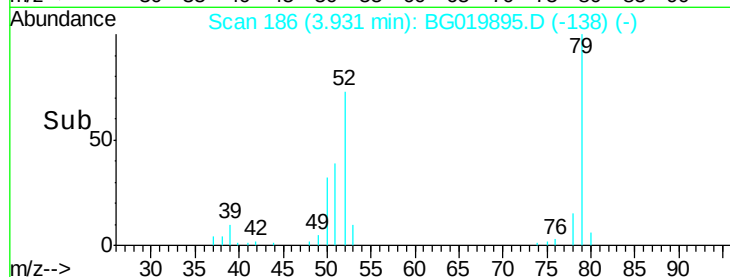
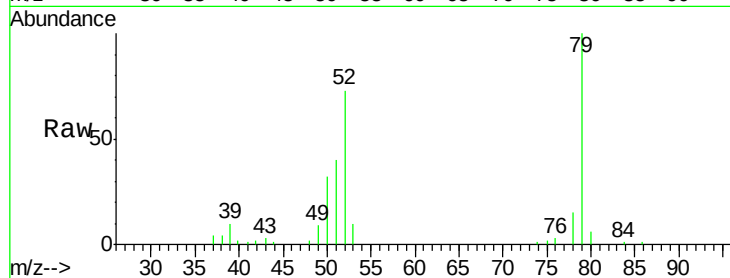
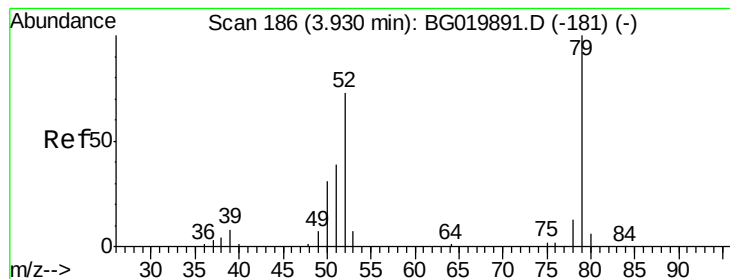


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 19.07 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

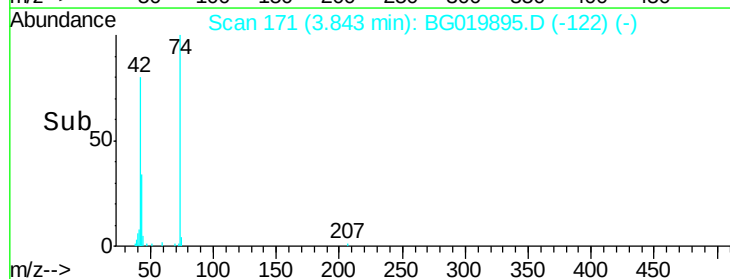
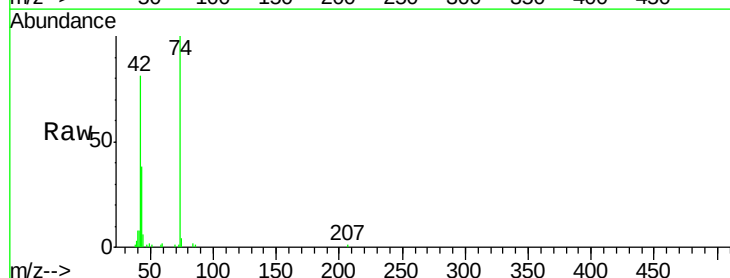
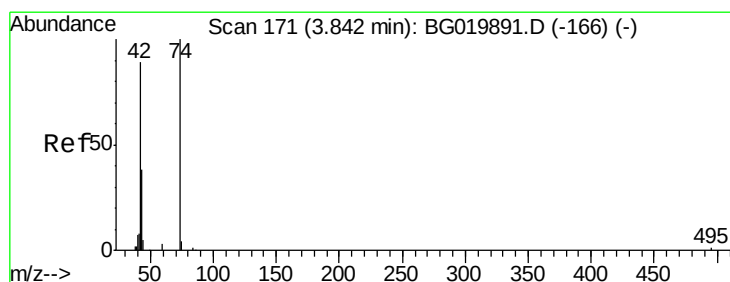
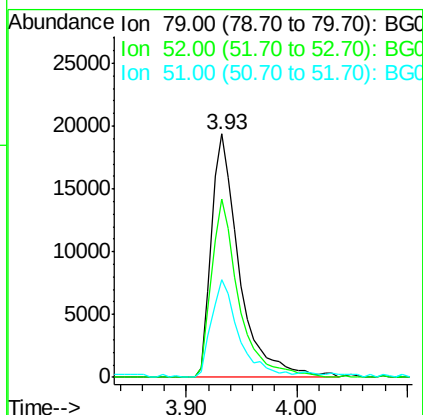
Tot Ion: 79 Resp: 33851

Ion Ratio Lower Upper

79 100

52 73.5 50.3 75.5

51 39.9 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 34.52 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

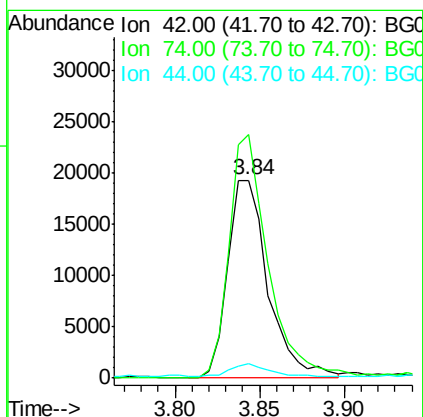
Tgt Ion: 42 Resp: 32215

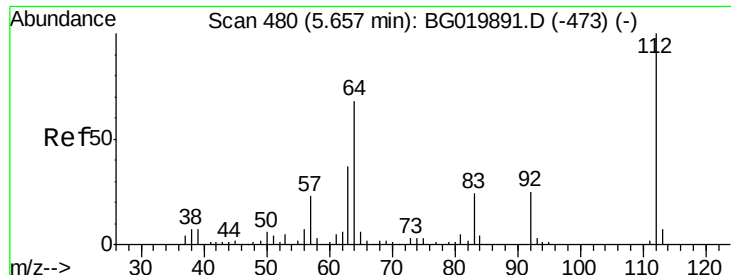
Ion Ratio Lower Upper

42 100

74 122.9 113.9 170.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 125.65 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

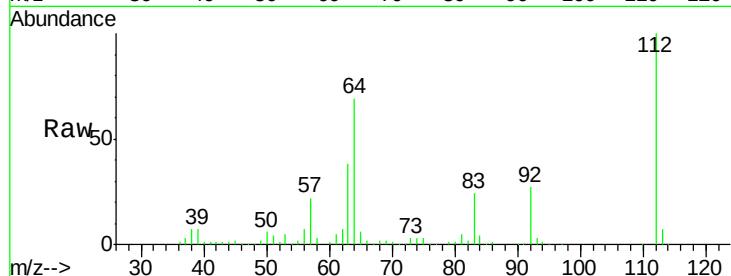
Tot Ion: 112 Resp: 188465

Ion Ratio Lower Upper

112 100

64 68.7 43.7 65.5#

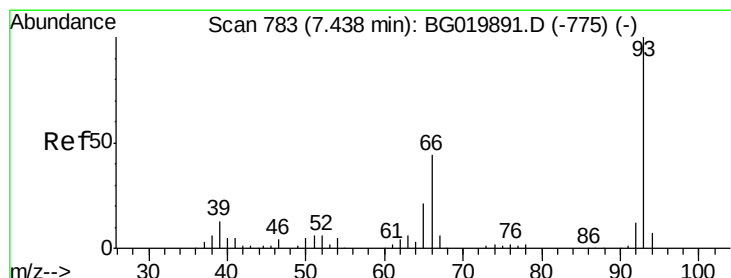
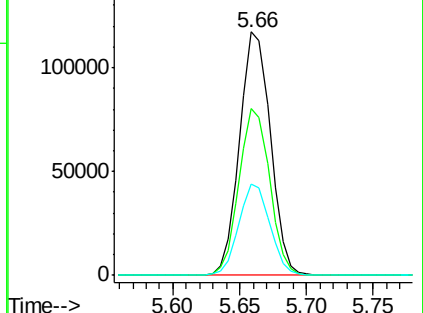
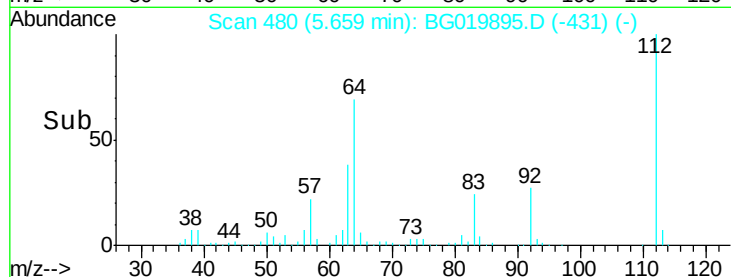
63 37.5 24.0 36.0#



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: 25.39 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

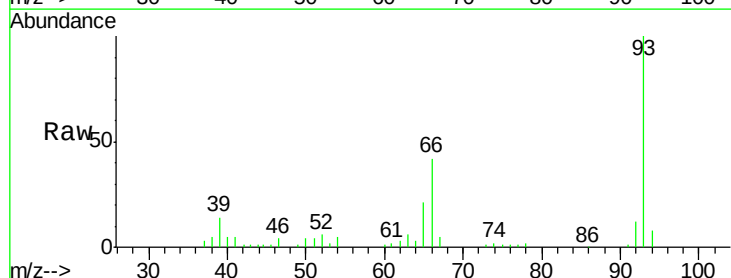
Tgt Ion: 93 Resp: 74454

Ion Ratio Lower Upper

93 100

66 42.0 26.2 39.2#

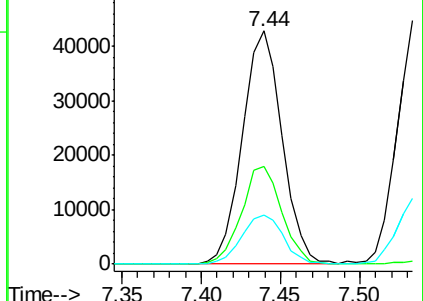
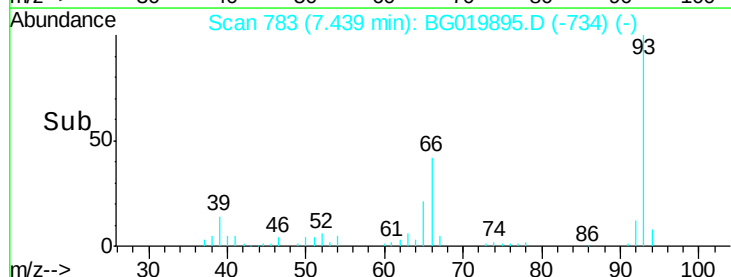
65 20.9 14.0 21.0

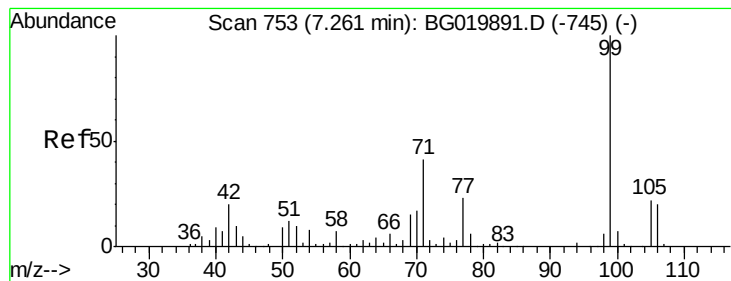


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.64 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

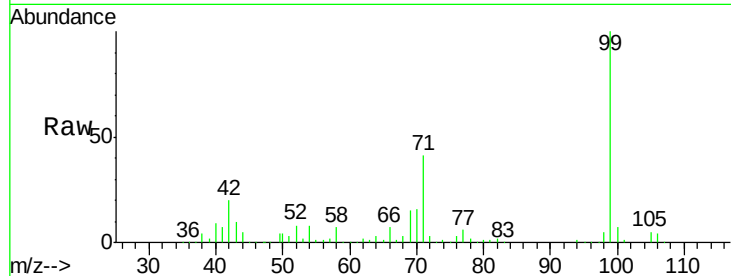
Tot Ion: 99 Resp: 284543

Ion Ratio Lower Upper

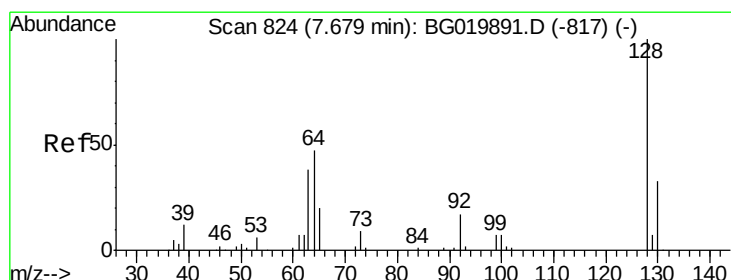
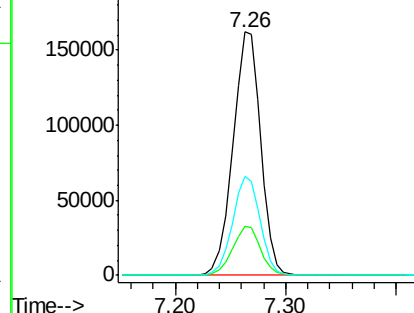
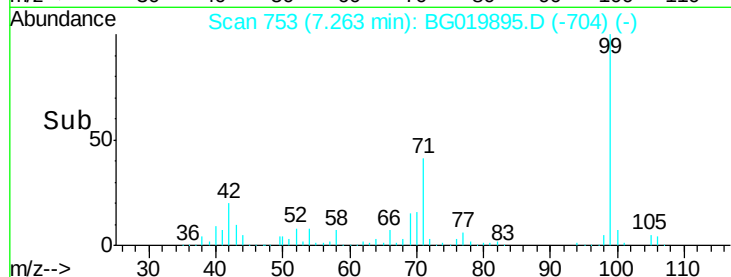
99 100

42 20.0 11.5 17.3#

71 40.7 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: 40.16 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

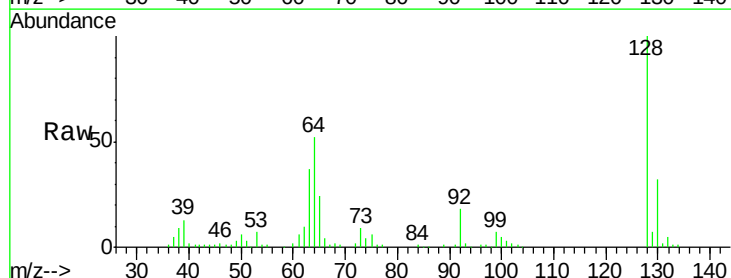
Tgt Ion: 128 Resp: 73447

Ion Ratio Lower Upper

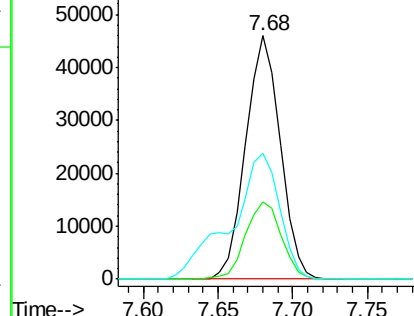
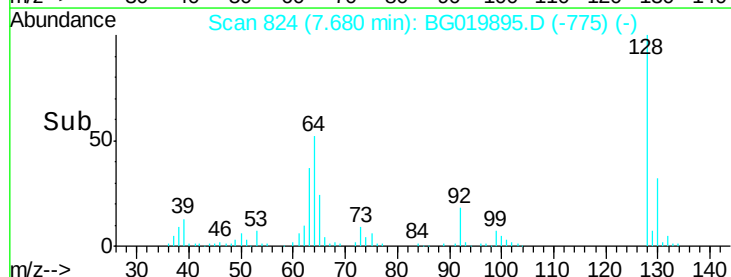
128 100

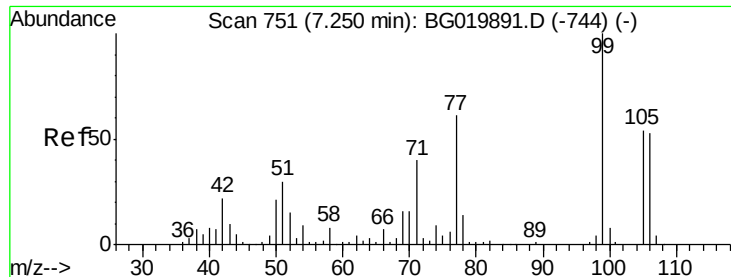
130 31.8 13.0 53.0

64 51.9 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: 18.97 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

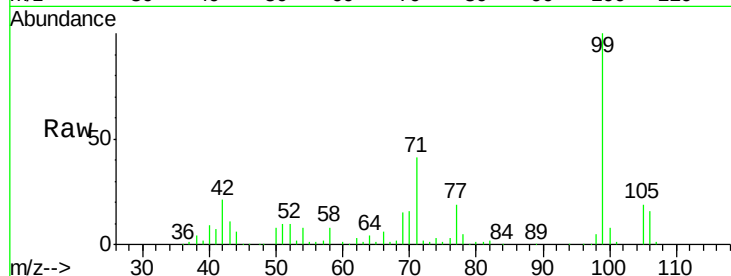
Tot Ion: 77 Resp: 28642

Ion Ratio Lower Upper

77 100

105 98.7 77.7 117.7

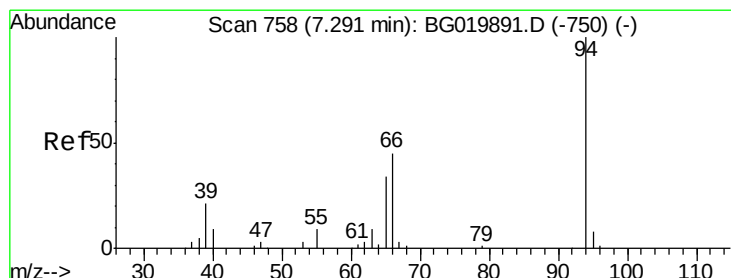
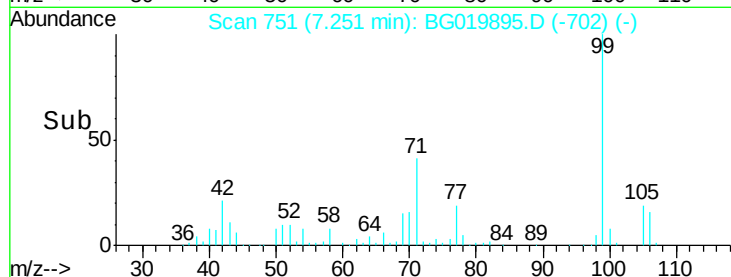
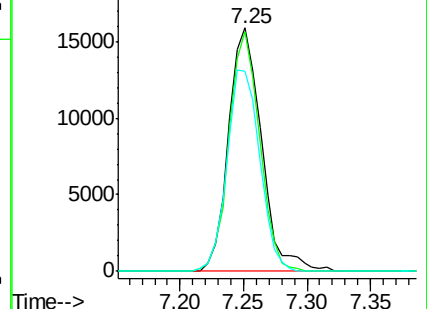
106 82.1 75.8 115.8



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: 44.22 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

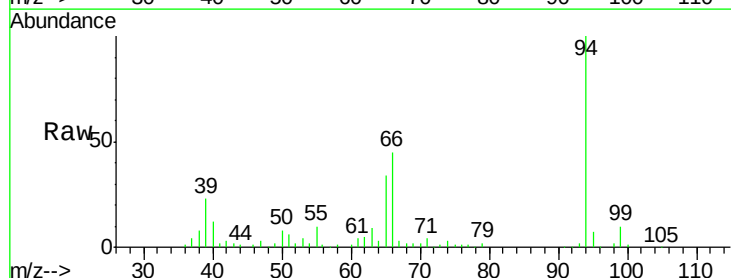
Tgt Ion: 94 Resp: 105389

Ion Ratio Lower Upper

94 100

65 34.1 5.4 45.4

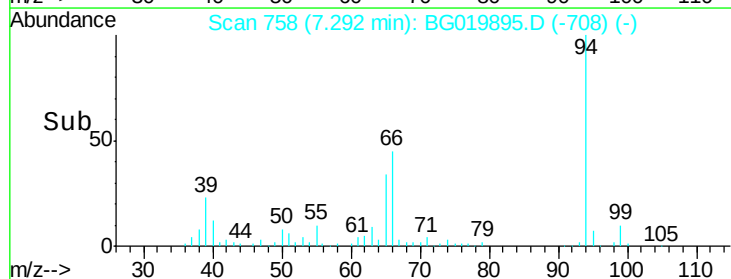
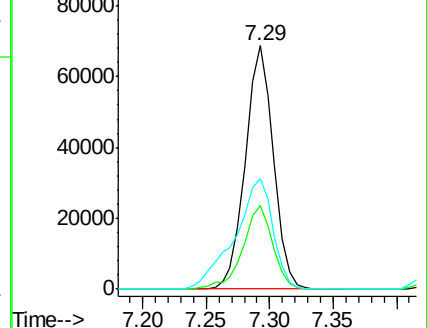
66 45.2 11.8 51.8

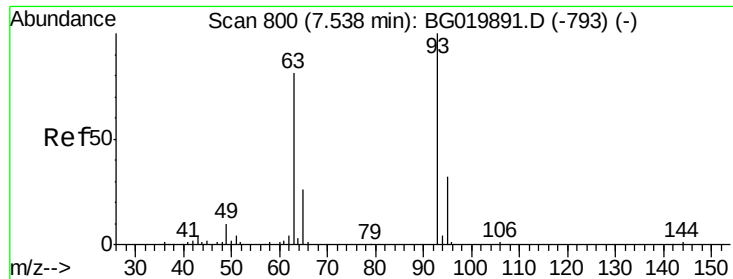


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

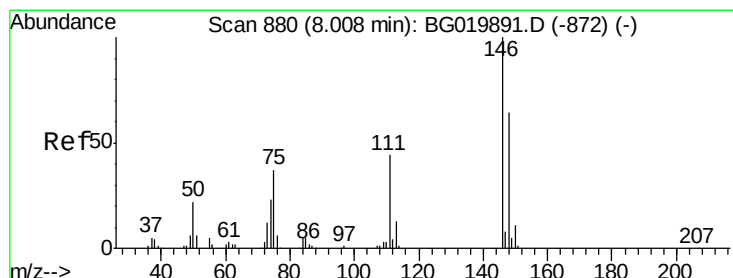
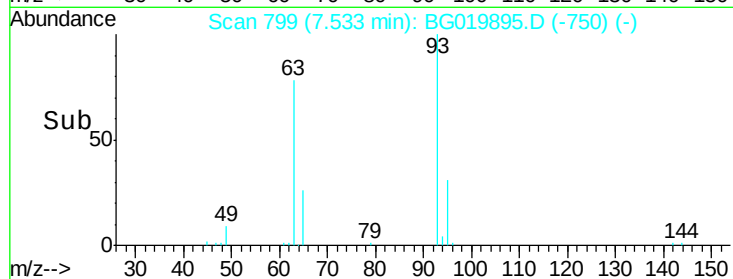
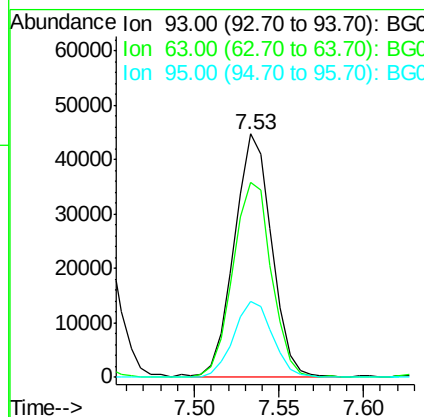
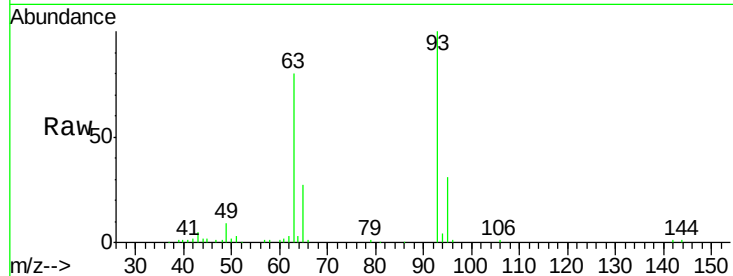




#11
 bis(2-Chloroethyl)ether
 Concen: 39.19 ng
 RT: 7.53 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

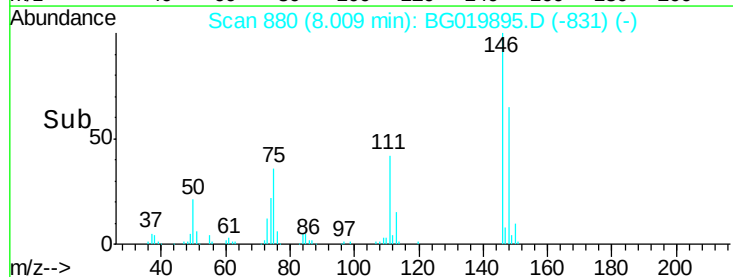
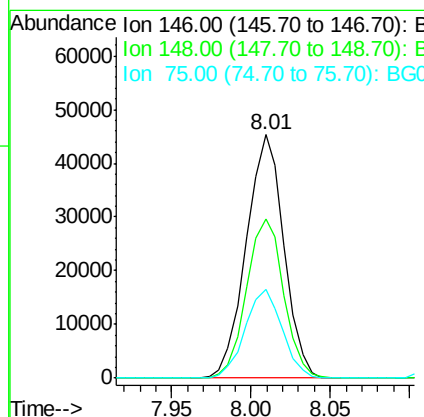
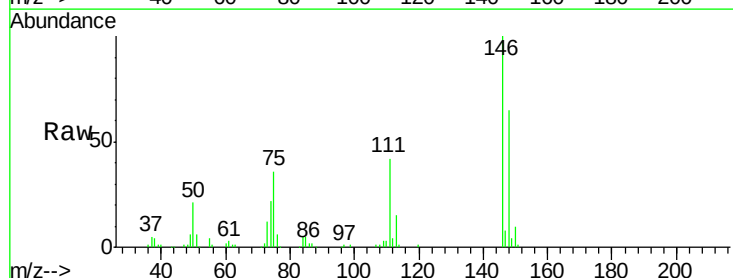
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

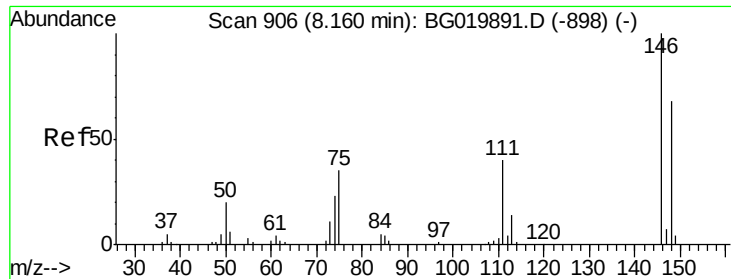
Tot Ion	93	Resp	69174
Ion	Ratio	Lower	Upper
93	100		
63	80.1	50.5	90.5
95	31.2	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 35.92 ng
 RT: 8.01 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion	146	Resp	74472
Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.4	80.0
75	36.4	21.1	31.7

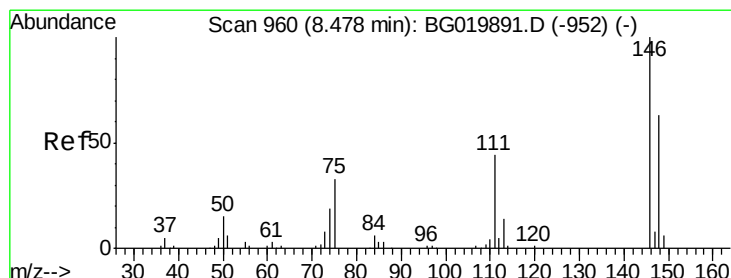
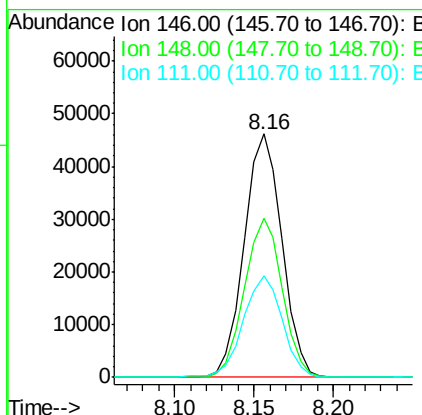
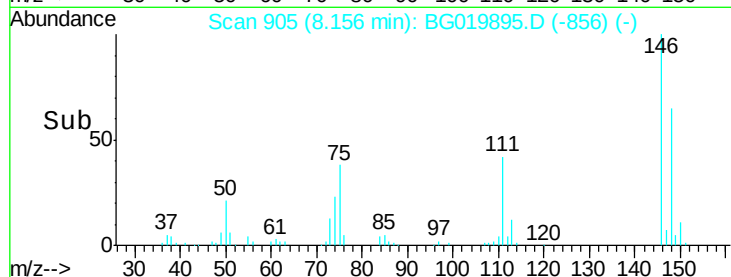
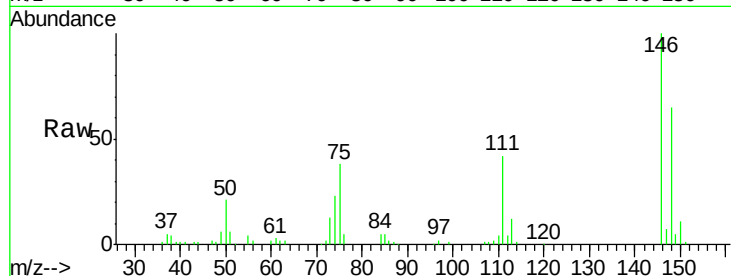




#13
 1,4-Dichlorobenzene
 Concen: 35.62 ng
 RT: 8.16 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

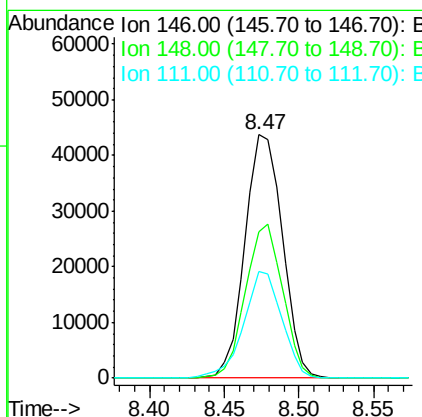
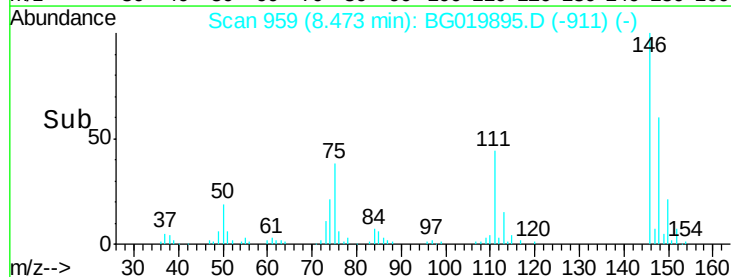
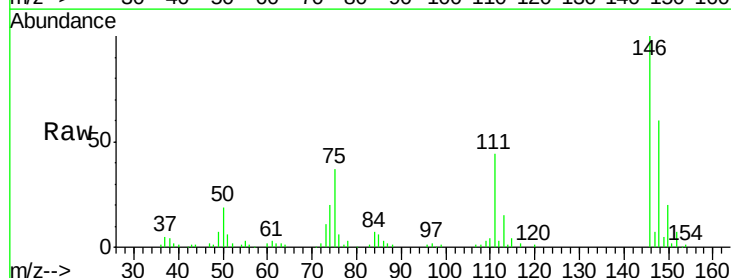
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

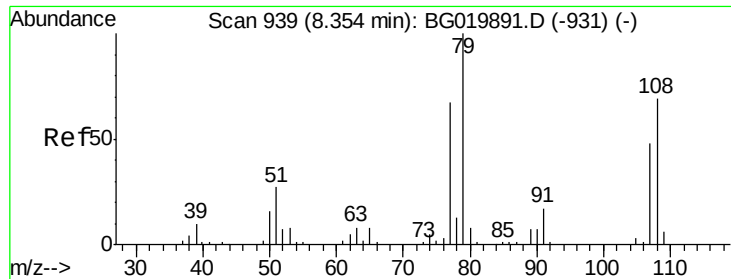
Tot Ion:146 Resp: 76254
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.5 78.7
 111 41.7 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 37.28 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion:146 Resp: 76132
 Ion Ratio Lower Upper
 146 100
 148 60.3 52.5 78.7
 111 43.6 29.9 44.9





#15

Benzyl Alcohol

Concen: 41.51 ng

RT: 8.36 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

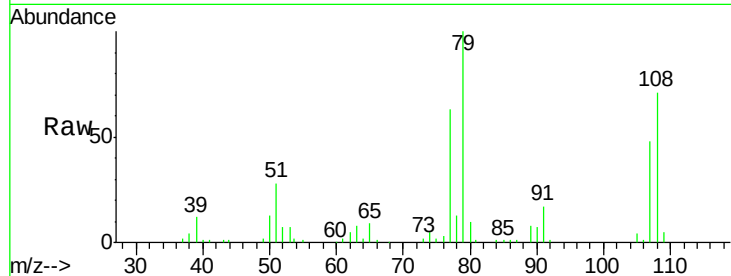
Tot Ion: 79 Resp: 82483

Ion Ratio Lower Upper

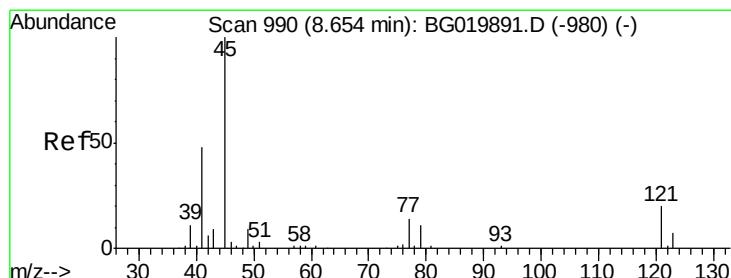
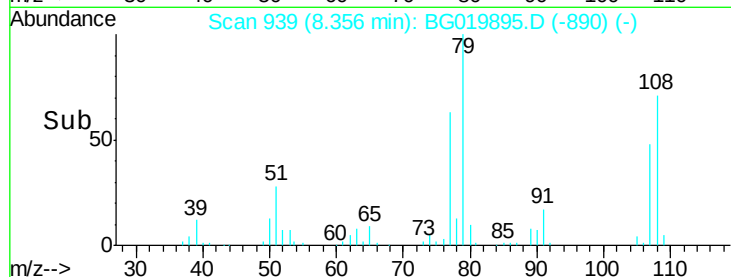
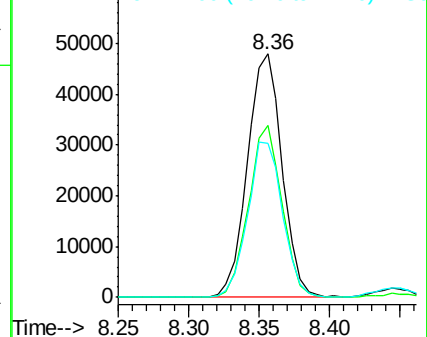
79 100

108 70.5 65.5 98.3

77 63.2 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: 36.39 ng

RT: 8.66 min Scan# 990

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

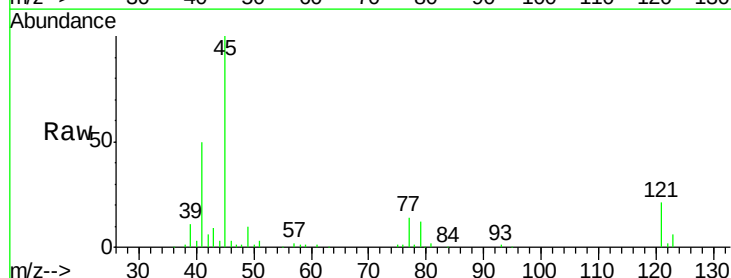
Tgt Ion: 45 Resp: 104774

Ion Ratio Lower Upper

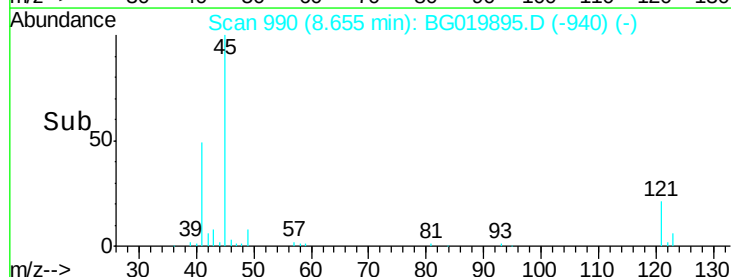
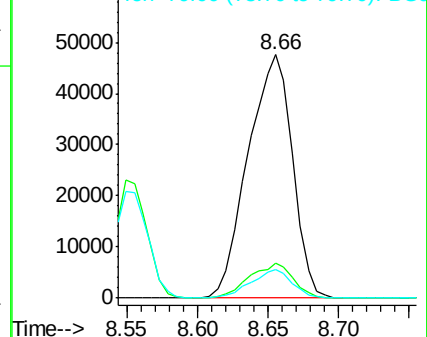
45 100

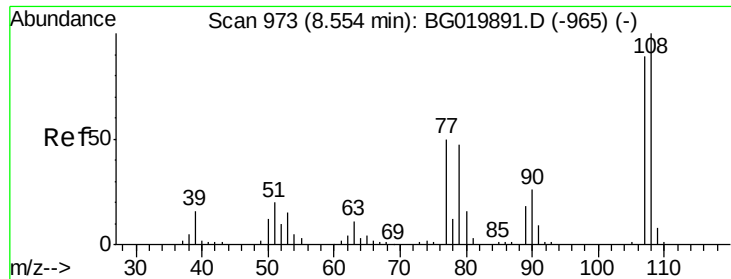
77 14.3 0.0 37.0

79 11.9 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

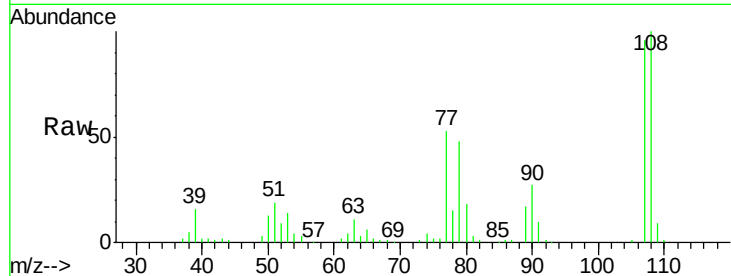




#17
2-Methylphenol
Concen: 42.19 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	104.0	86.5	129.7
77	54.7	34.6	51.8
79	49.4	32.3	48.5



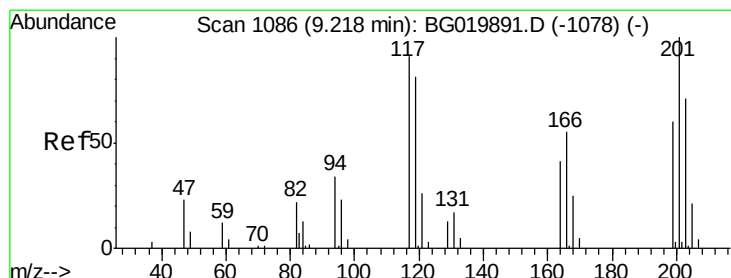
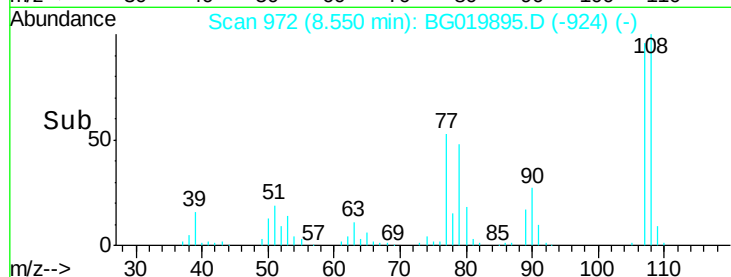
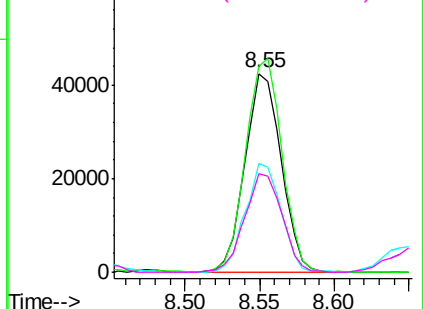
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

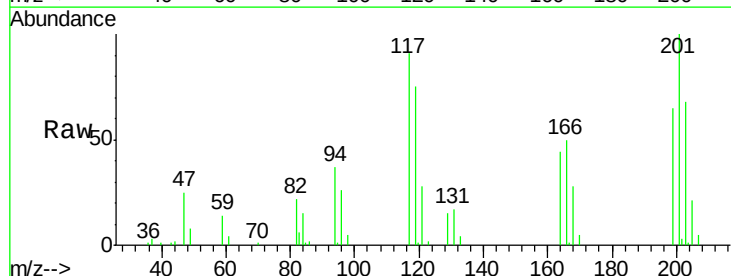
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.23 ng
RT: 9.21 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	82.0	71.7	107.5
201	109.3	90.9	136.3

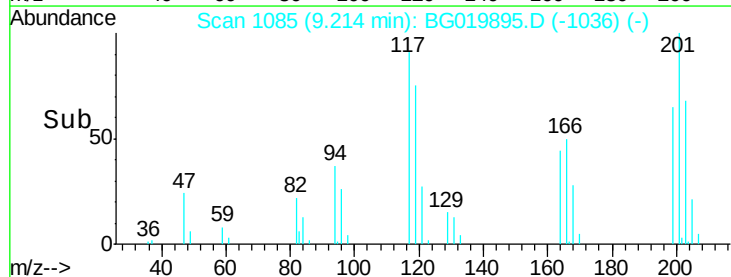
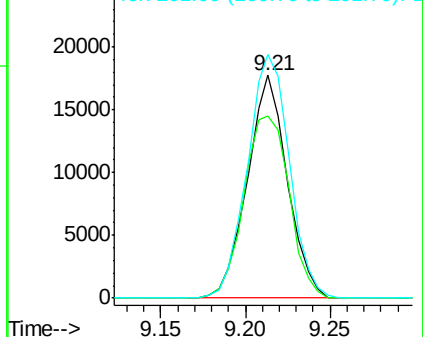


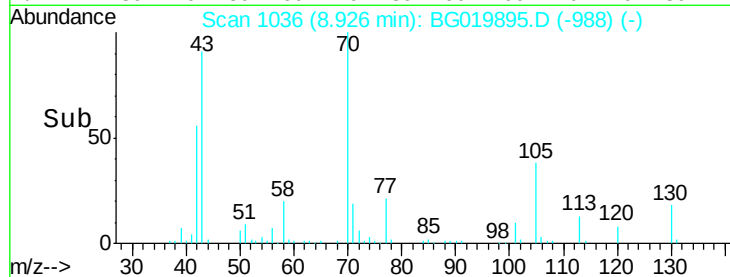
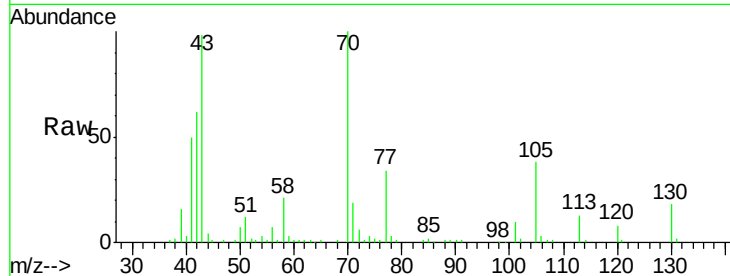
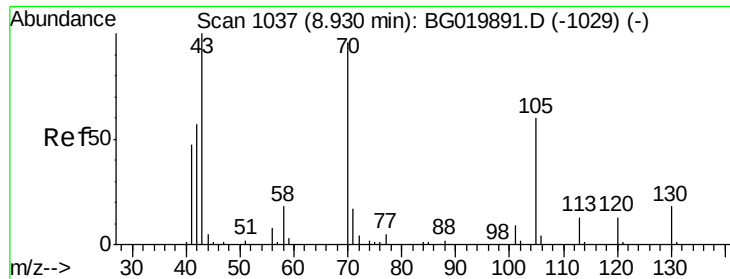
Abundance

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

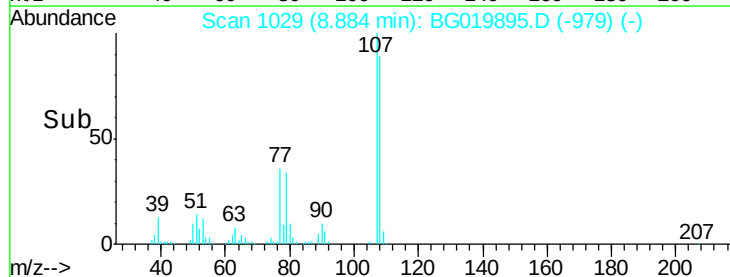
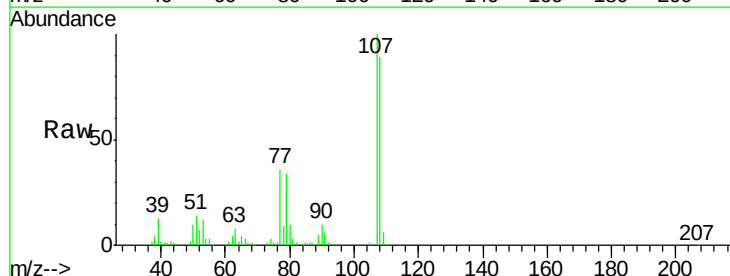
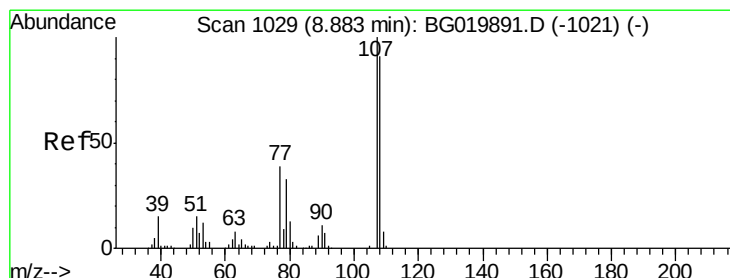
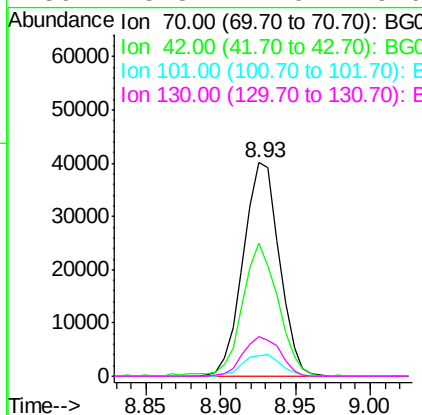




#19
n-Nitroso-di-n-propylamine
Concen: 37.68 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

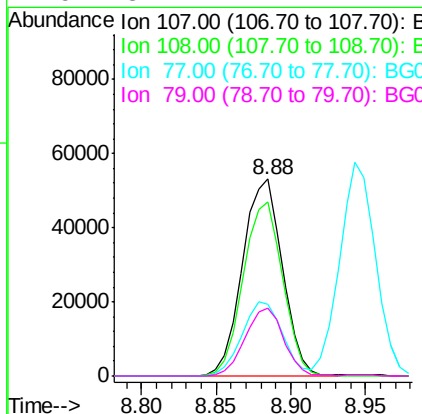
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

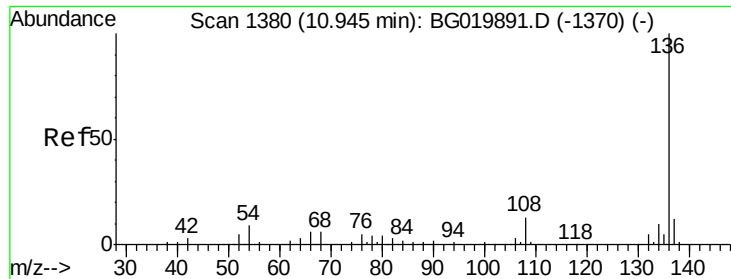
Tot Ion: 70 Resp: 67292
Ion Ratio Lower Upper
70 100
42 62.2 40.6 60.8#
101 9.8 8.6 13.0
130 18.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 41.39 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion: 107 Resp: 98063
Ion Ratio Lower Upper
107 100
108 88.8 72.2 112.2
77 36.3 13.4 53.4
79 34.2 7.2 47.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

Tot Ion:136 Resp: 119992

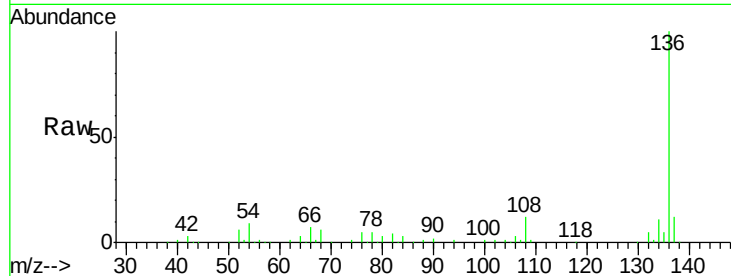
Ion Ratio Lower Upper

136 100

137 11.9 8.6 12.8

54 8.7 5.4 8.2#

68 5.6 5.3 7.9

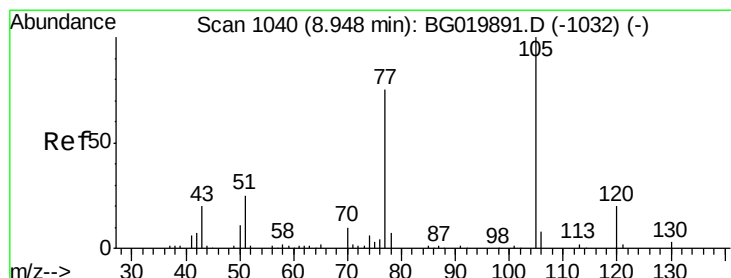
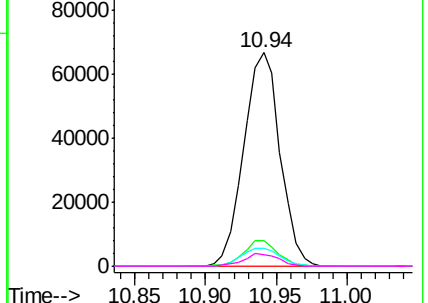
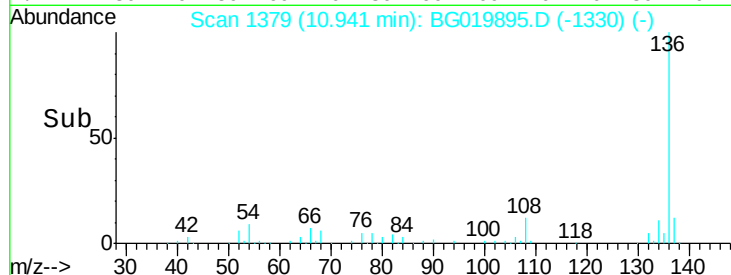


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.44 ng

RT: 8.94 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Tgt Ion:105 Resp: 116556

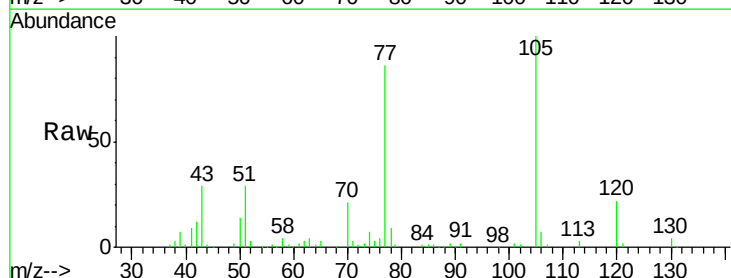
Ion Ratio Lower Upper

105 100

71 3.1 2.1 3.1#

51 29.5 17.8 26.8#

120 22.2 17.7 26.5

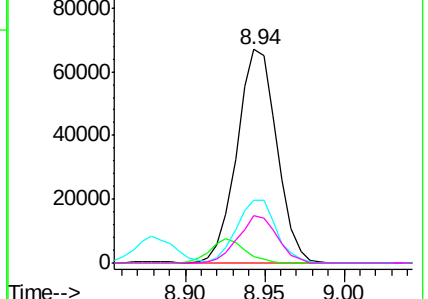
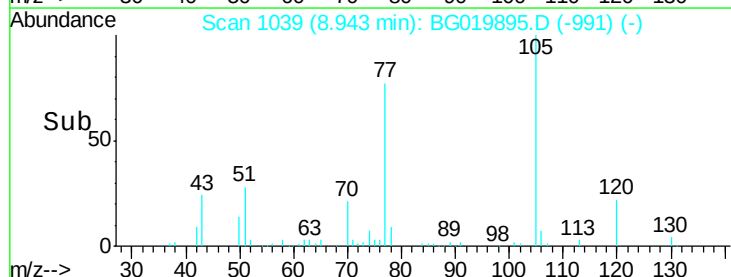


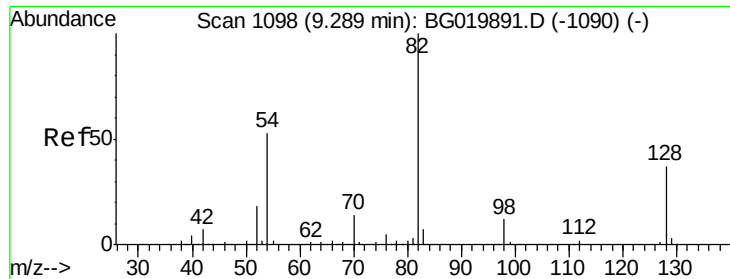
Abundance Ion 105.00 (104.70 to 105.70): E

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

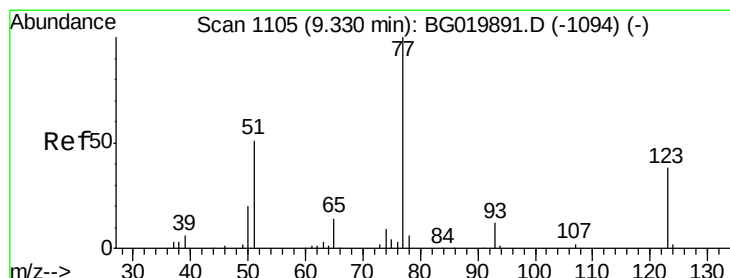
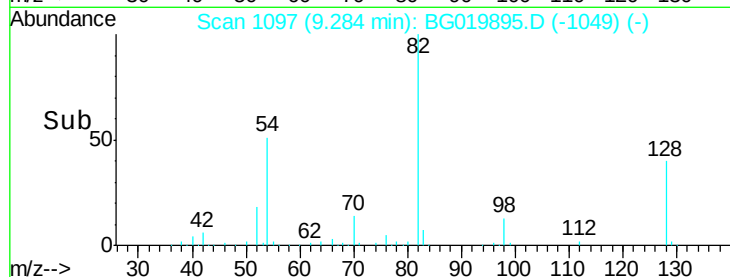
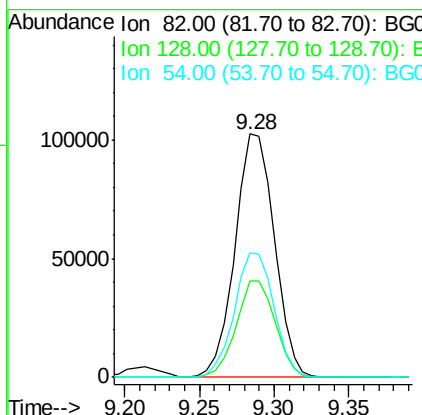
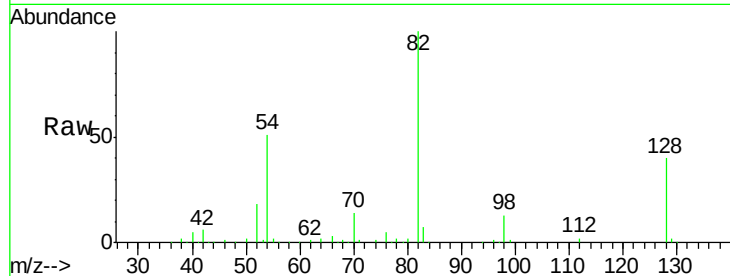




#23
 Nitrobenzene-d5
 Concen: 79.88 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

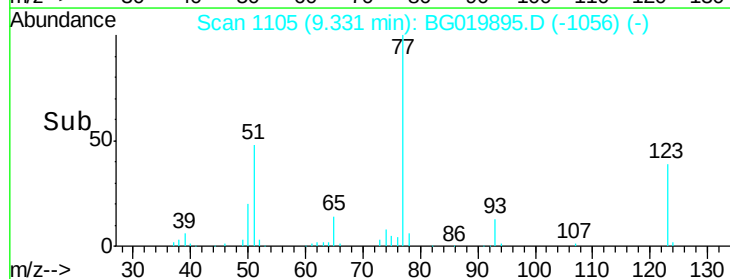
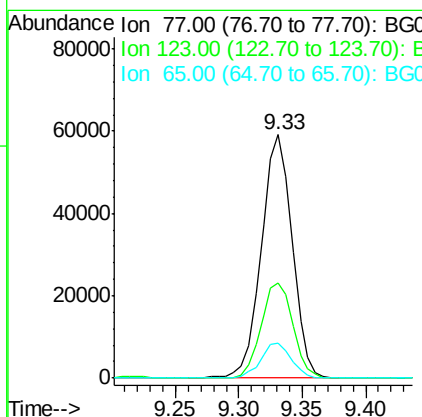
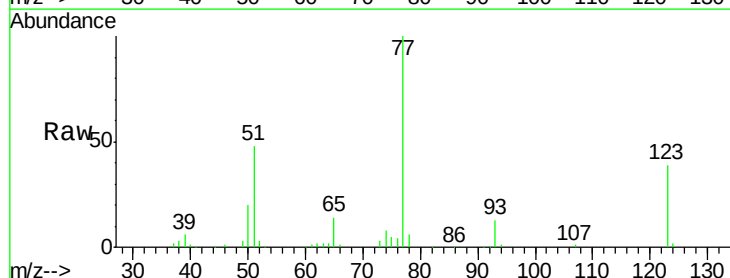
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

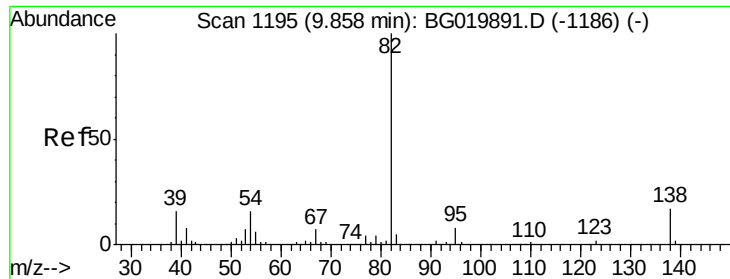
Tot Ion	82	Resp	187814
Ion Ratio	100	Lower	Upper
128	39.8	36.7	55.1
54	51.3	33.8	50.8#



#24
 Nitrobenzene
 Concen: 39.25 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion	77	Resp	100106
Ion Ratio	100	Lower	Upper
123	39.2	38.2	57.2
65	14.5	10.6	16.0





#25

Isophorone

Concen: 36.43 ng

RT: 9.85 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

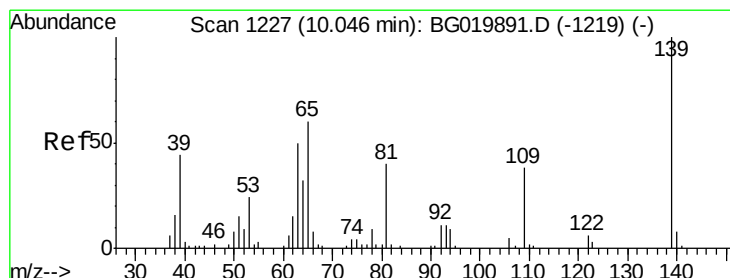
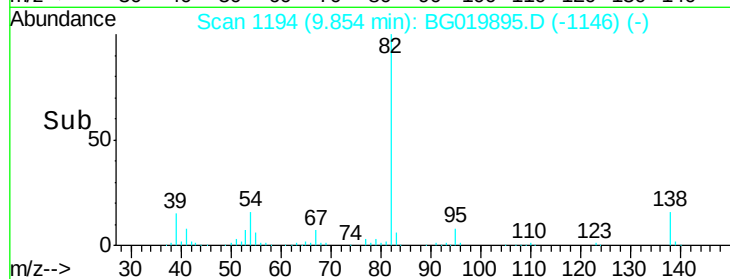
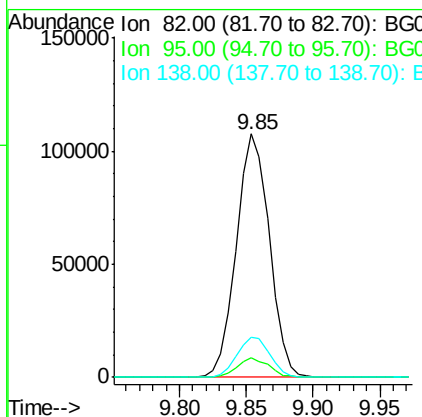
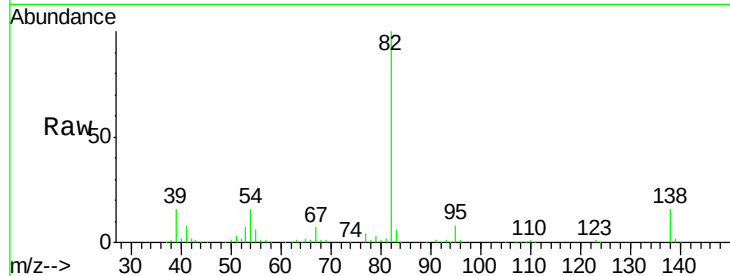
Tot Ion: 82 Resp: 183611

Ion Ratio Lower Upper

82 100

95 8.1 5.2 7.8#

138 16.2 14.4 21.6



#26

2-Nitrophenol

Concen: 42.58 ng

RT: 10.04 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

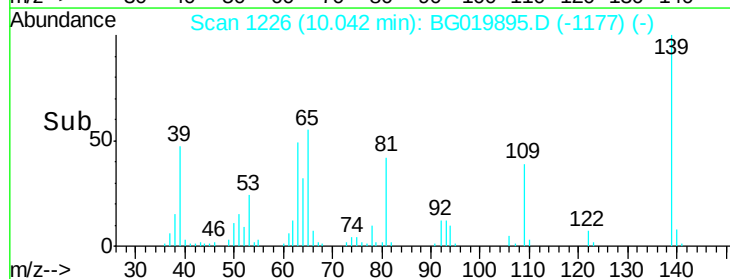
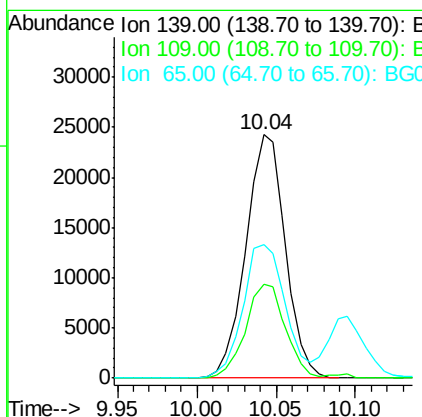
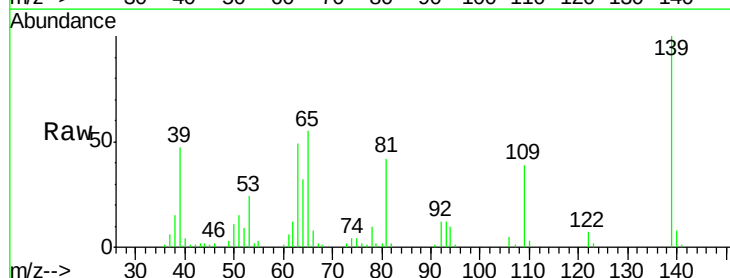
Tgt Ion: 139 Resp: 41941

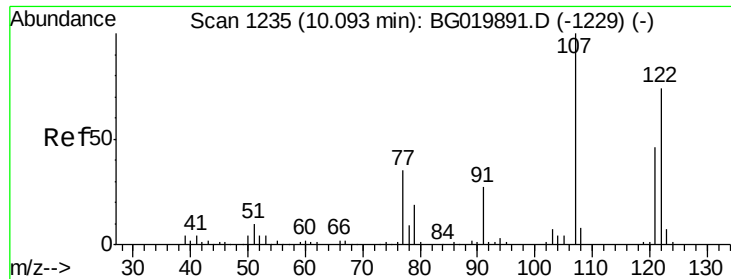
Ion Ratio Lower Upper

139 100

109 38.7 20.1 30.1#

65 54.9 34.1 51.1#

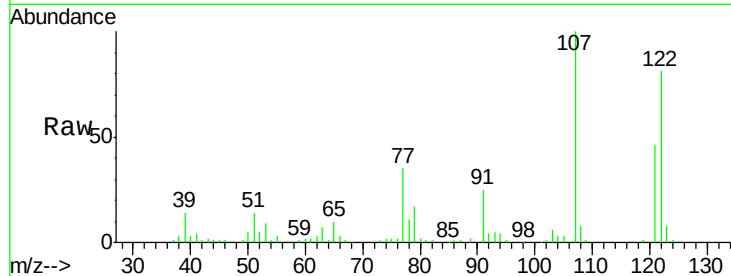




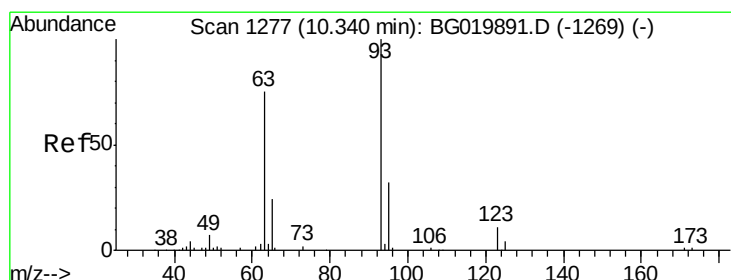
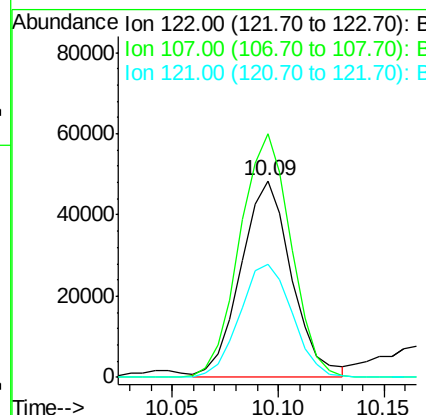
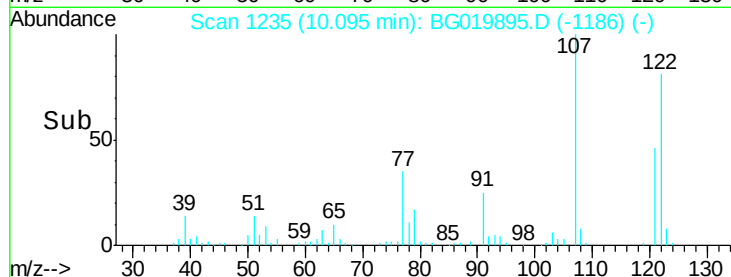
#27
 2,4-Dimethylphenol
 Concen: 39.13 ng
 RT: 10.09 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

Tot Ion:122 Resp: 80273
 Ion Ratio Lower Upper
 122 100
 107 124.0 91.6 137.4
 121 57.4 47.3 70.9

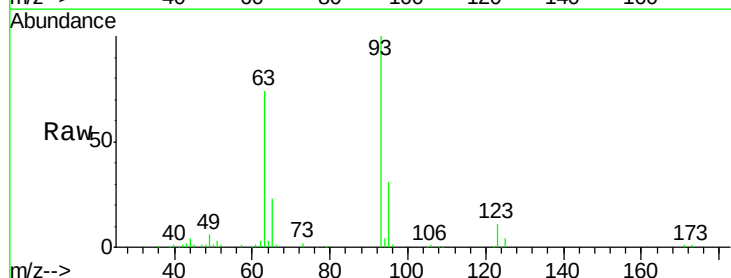


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

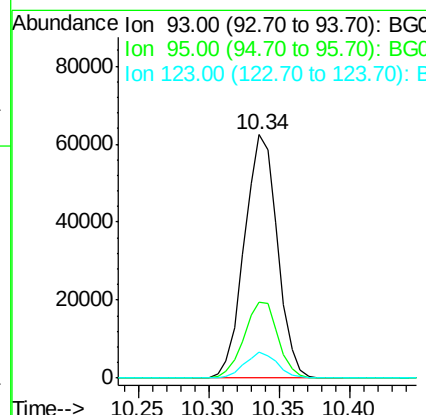
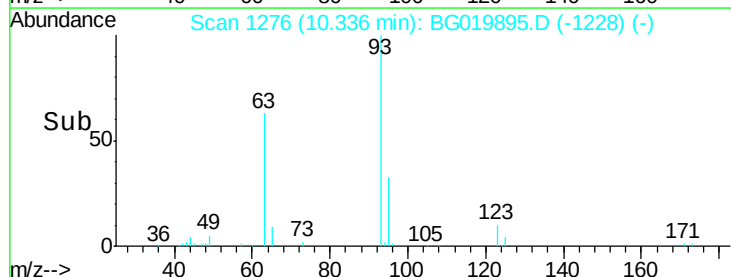


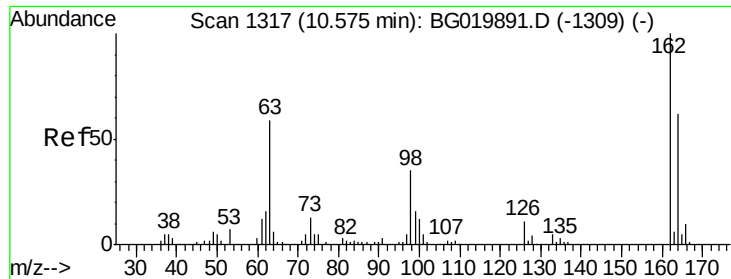
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.52 ng
 RT: 10.34 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion: 93 Resp: 102257
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.7 38.5
 123 10.5 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

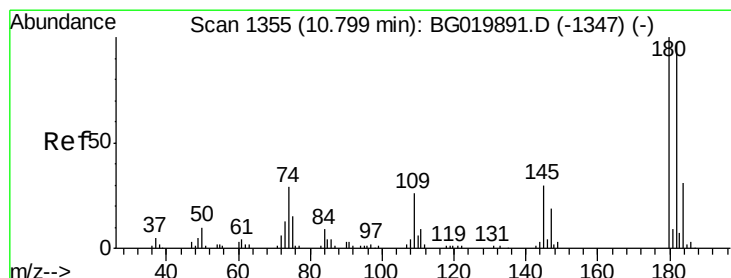
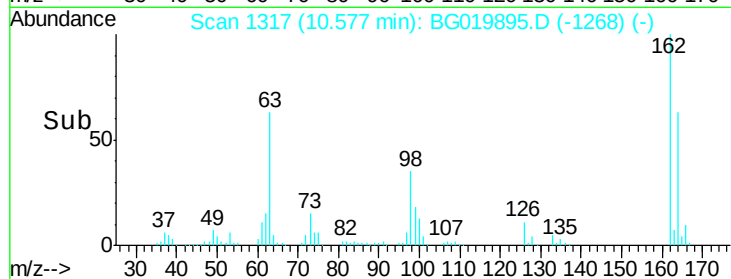
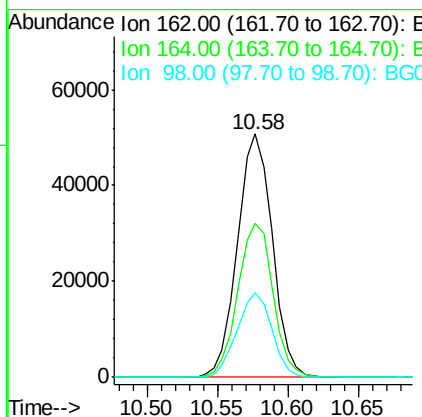
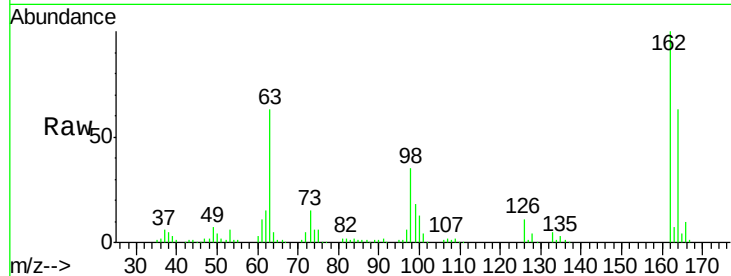




#29
 2,4-Dichlorophenol
 Concen: 42.01 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

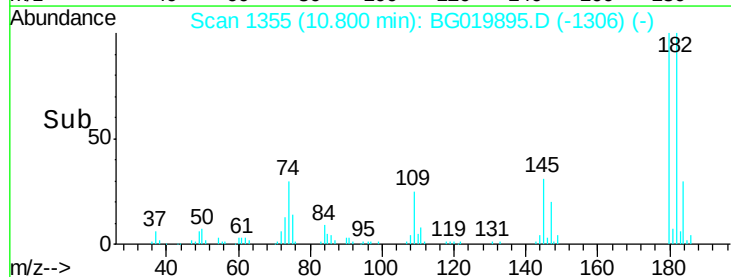
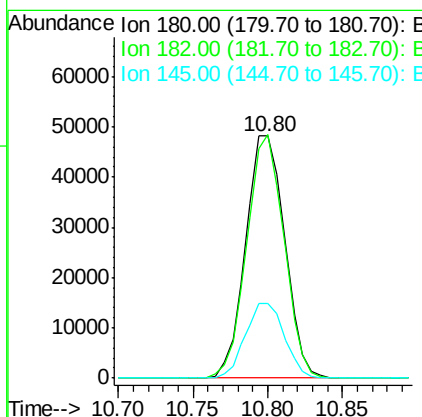
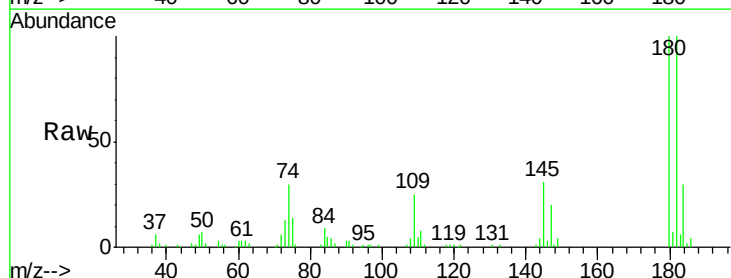
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

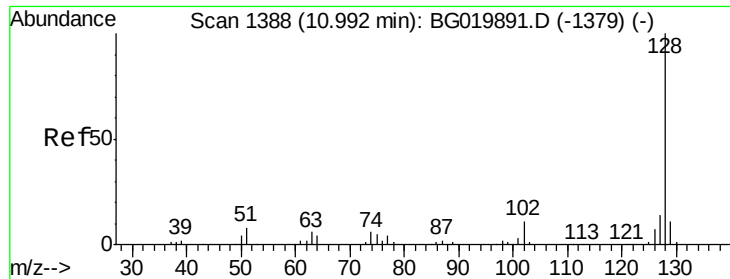
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.3	82.3
98	34.7	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 36.79 ng
 RT: 10.80 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	79.7	119.5
145	30.7	22.0	33.0





#31

Naphthalene

Concen: 38.46 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

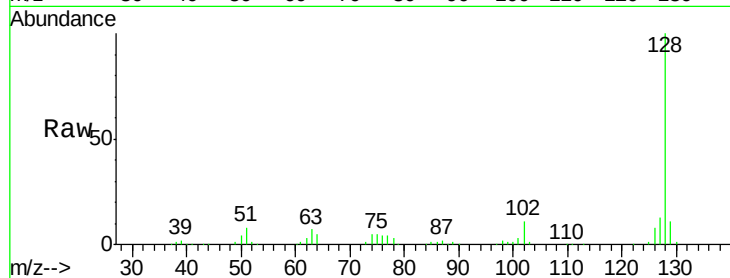
Tot Ion:128 Resp: 247230

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

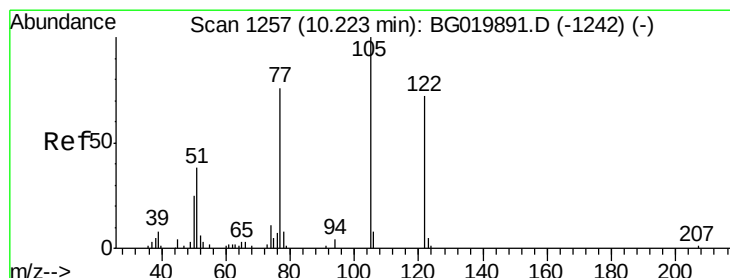
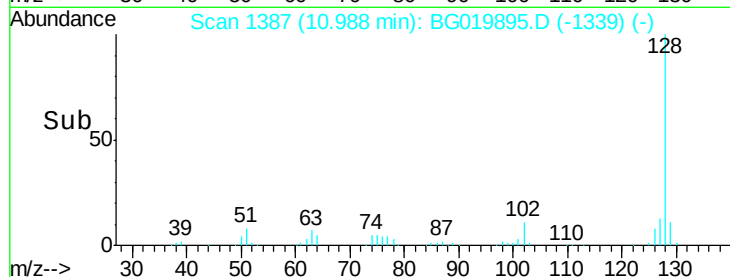
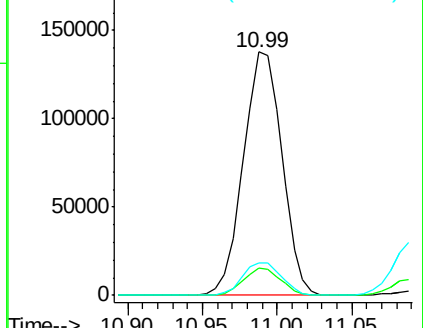
127 13.2 10.6 16.0



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: 22.95 ng

RT: 10.18 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

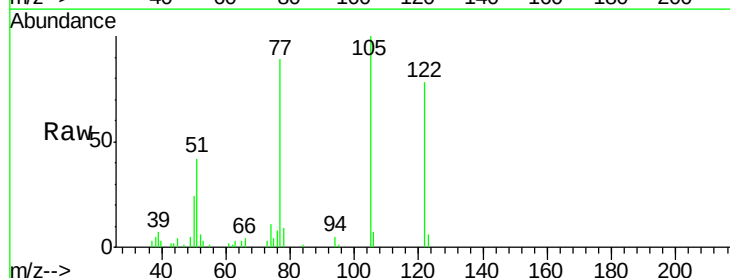
Tgt Ion:122 Resp: 26777

Ion Ratio Lower Upper

122 100

105 127.9 103.8 143.8

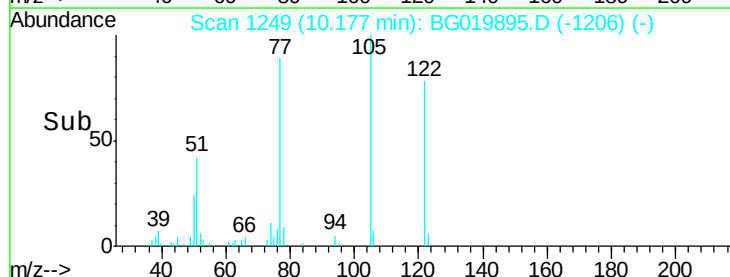
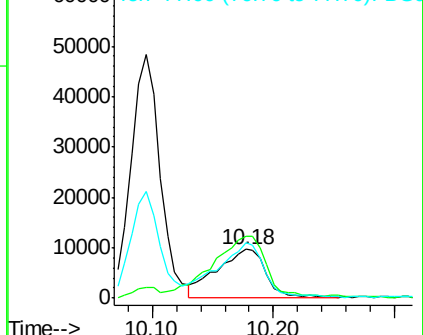
77 113.7 68.8 108.8#

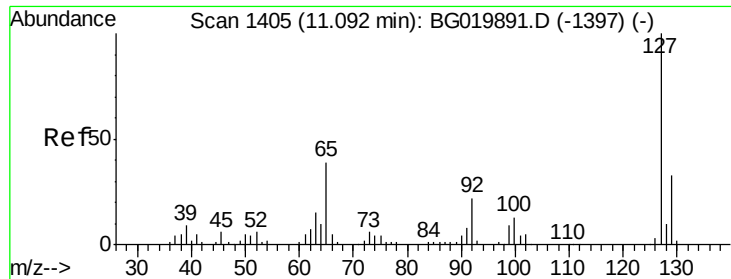


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

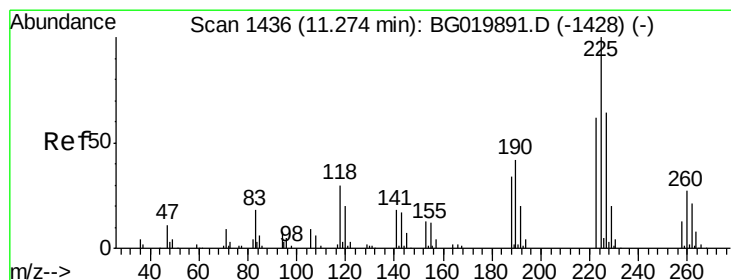
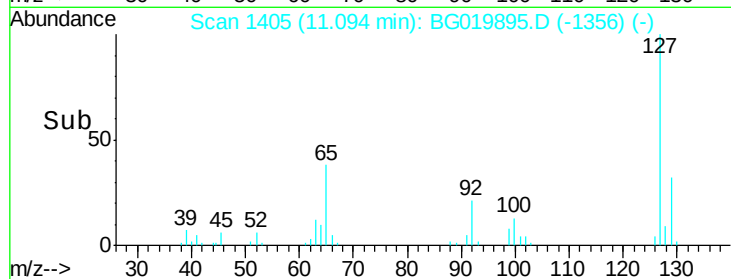
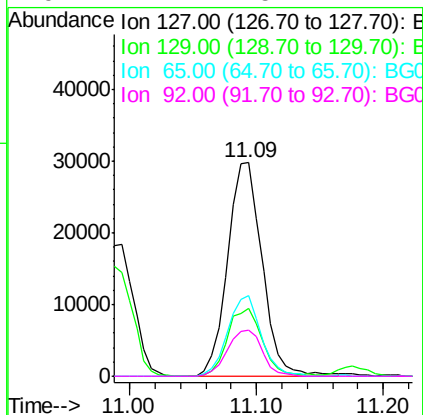
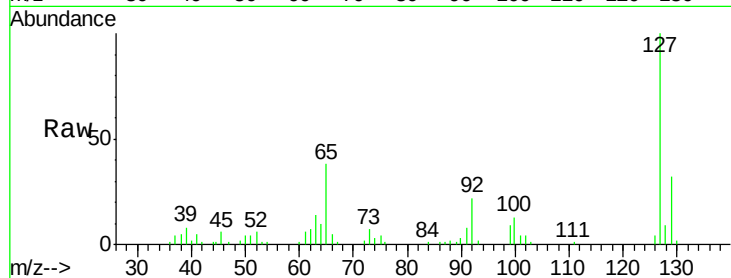




#33
4-Chloroaniline
Concen: 19.83 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

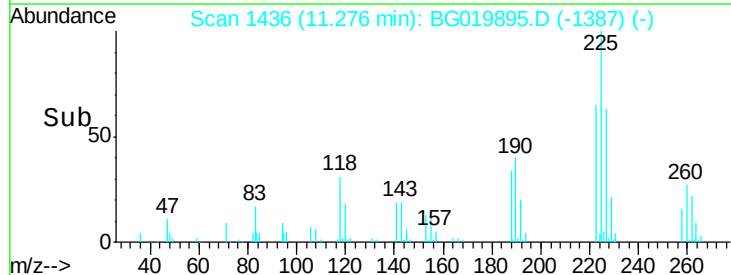
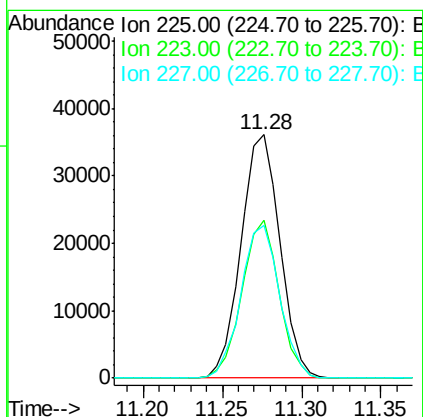
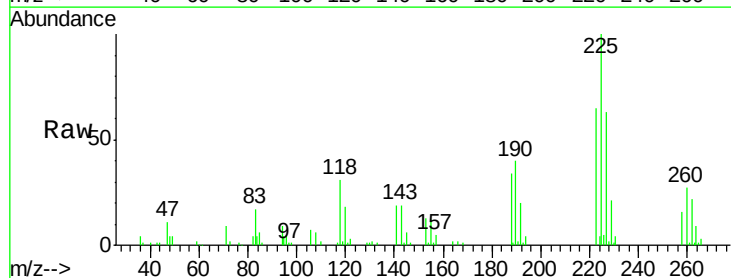
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

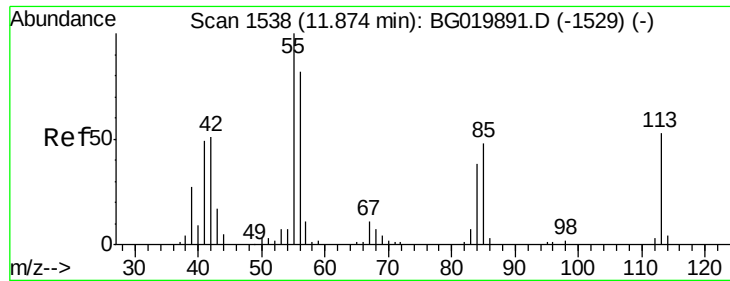
Tot Ion:	127	Resp:	56170
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.6	37.0
65	37.8	22.6	33.8#
92	21.7	15.1	22.7



#34
Hexachlorobutadiene
Concen: 35.25 ng
RT: 11.28 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion:	225	Resp:	61571
Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.0	76.4
227	64.9	51.8	77.8





#35

Caprolactam

Concen: 39.98 ng/mL

RT: 11.86 min Scan# 1536

Delta R.T. -0.03 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

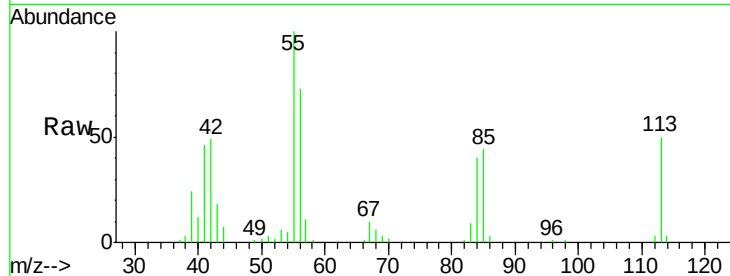
Tot Ion:113 Resp: 31189

Ion Ratio Lower Upper

113 100

55 200.7 135.0 175.0#

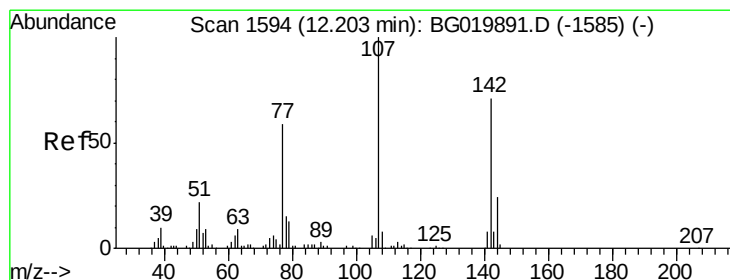
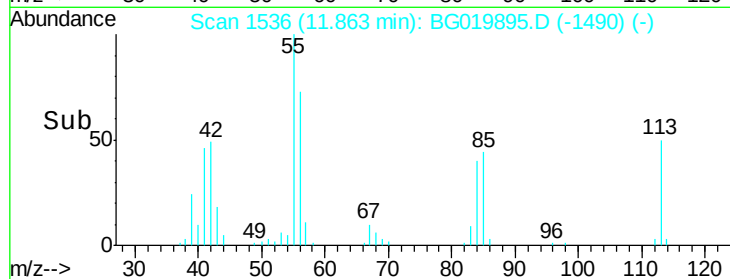
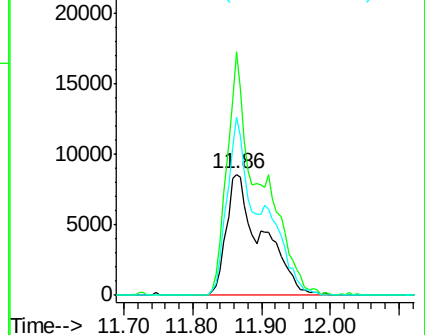
56 146.7 83.4 123.4#



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: 39.60 ng/mL

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

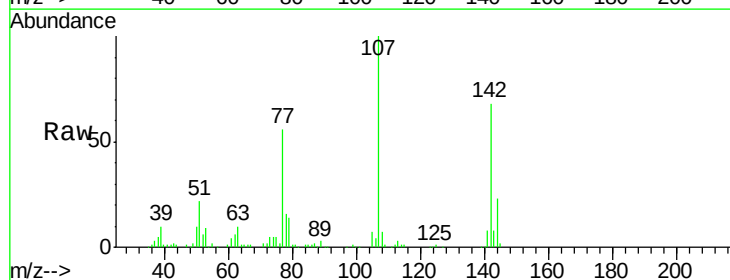
Tgt Ion:107 Resp: 103346

Ion Ratio Lower Upper

107 100

144 23.2 20.6 31.0

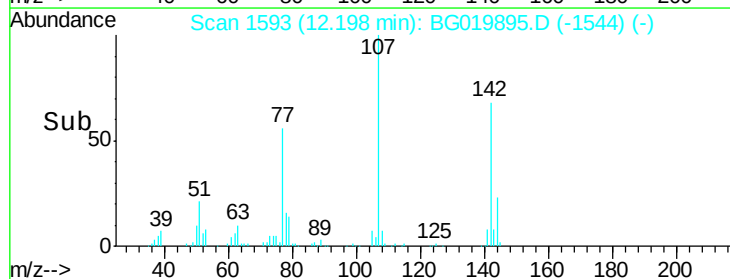
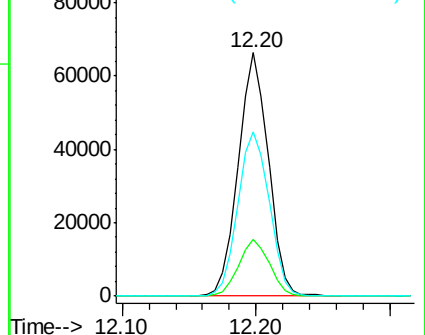
142 67.7 62.6 93.8

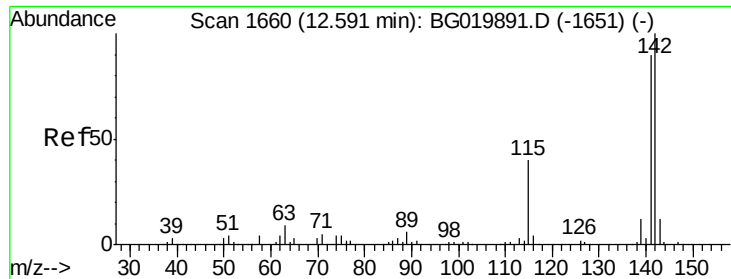


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

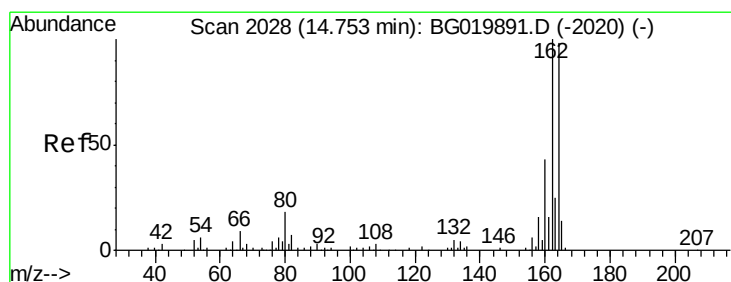
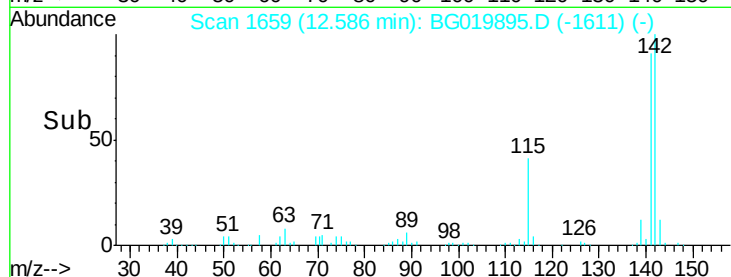
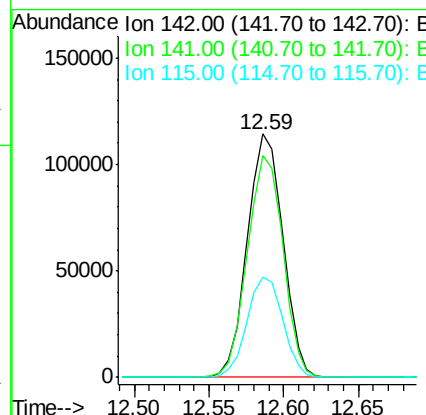
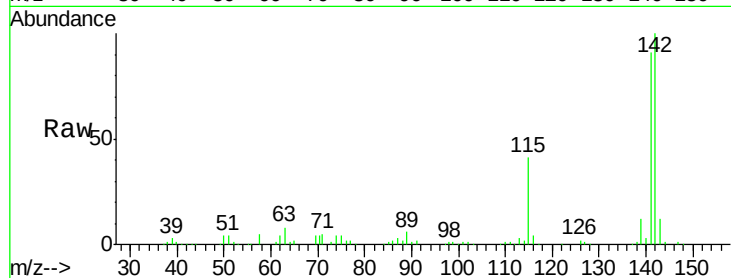




#37
2-Methylnaphthalene
Concen: 40.16 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

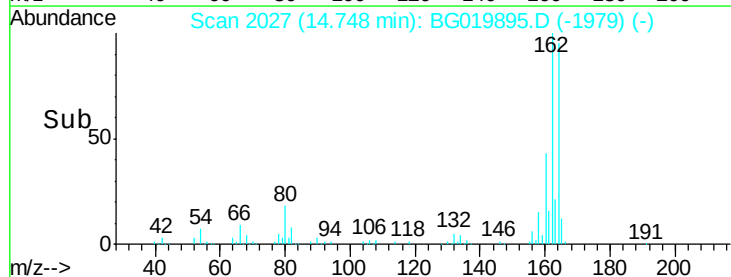
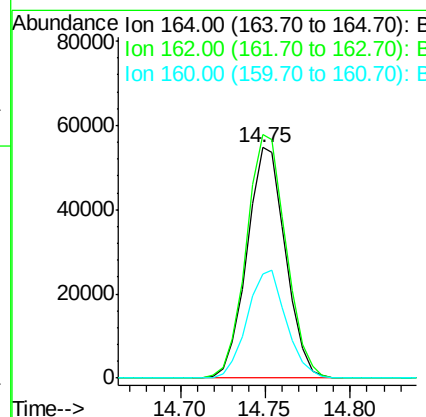
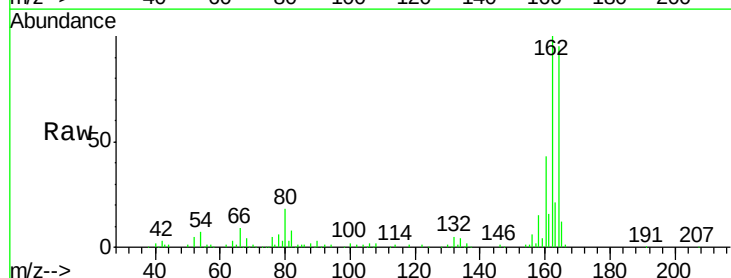
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

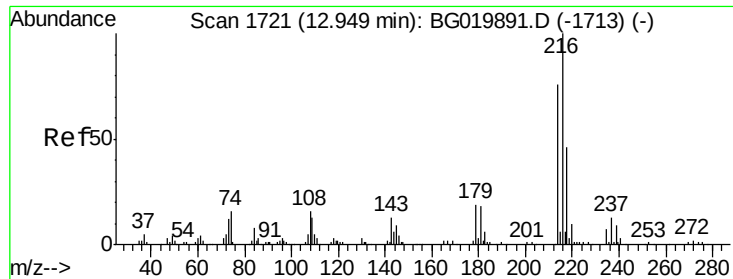
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.6	112.0
115	41.2	27.4	41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	44.9	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.76 ng

RT: 12.95 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

Tot Ion:216 Resp: 117516

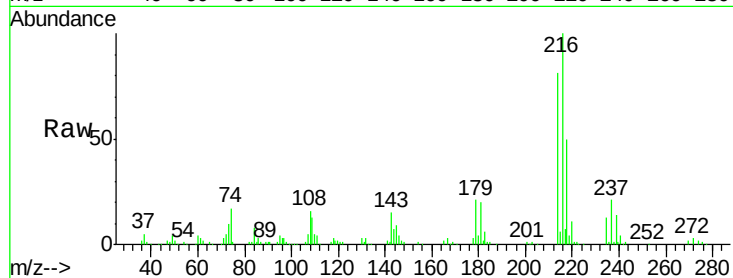
Ion Ratio Lower Upper

216 100

214 79.0 62.5 93.7

179 20.0 15.6 23.4

108 17.5 13.3 19.9

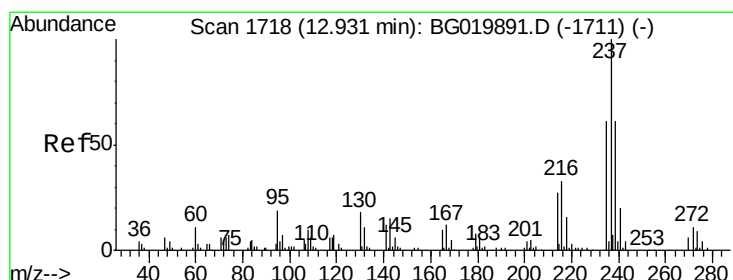
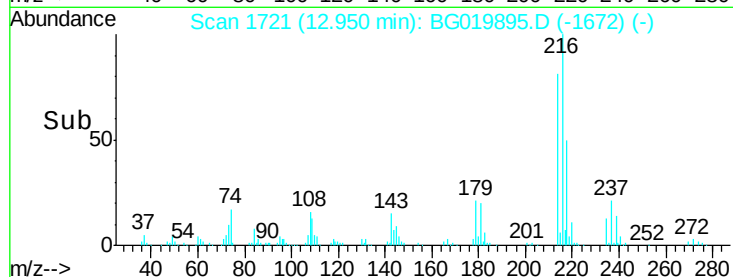
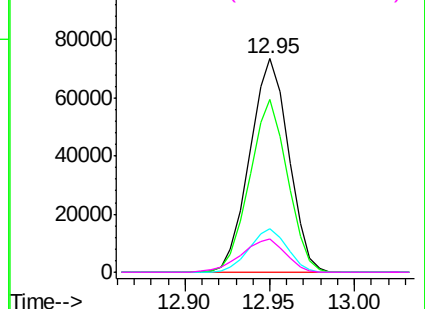


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.34 ng

RT: 12.93 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

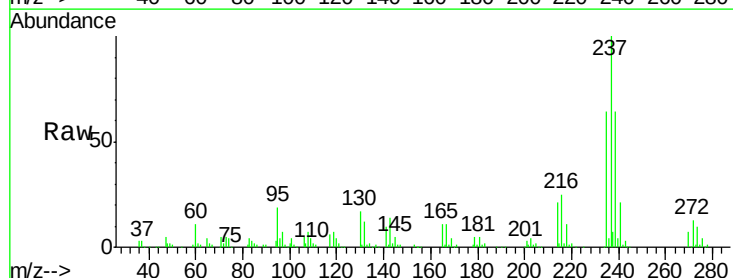
Tgt Ion:237 Resp: 133688

Ion Ratio Lower Upper

237 100

235 64.4 44.6 84.6

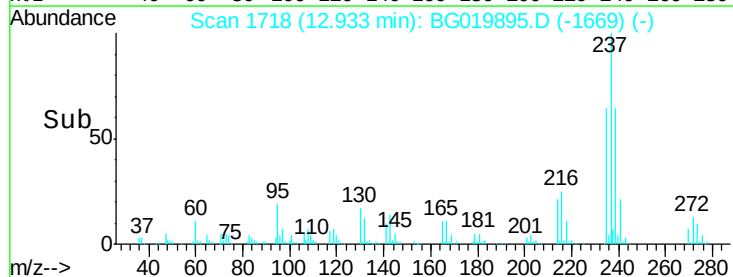
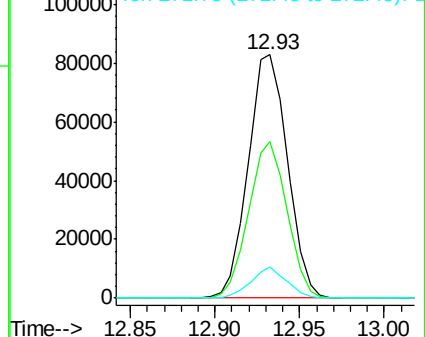
272 12.6 0.0 32.8

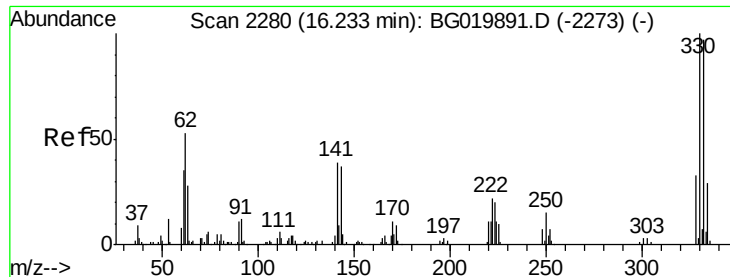


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

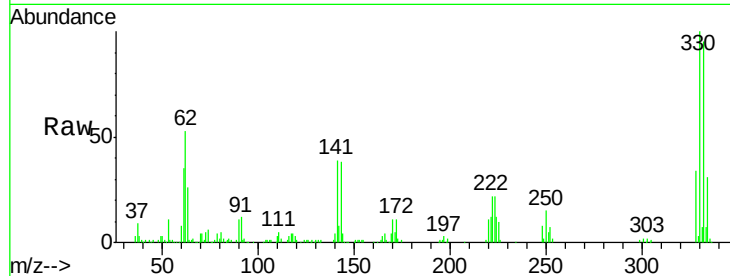




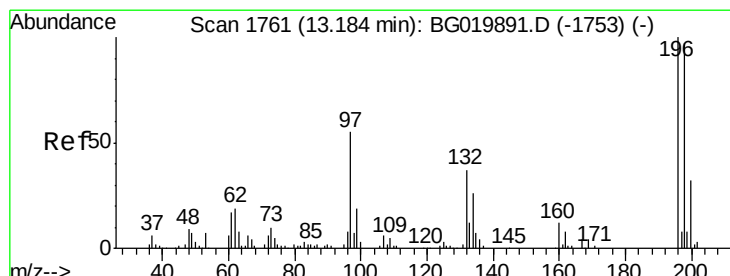
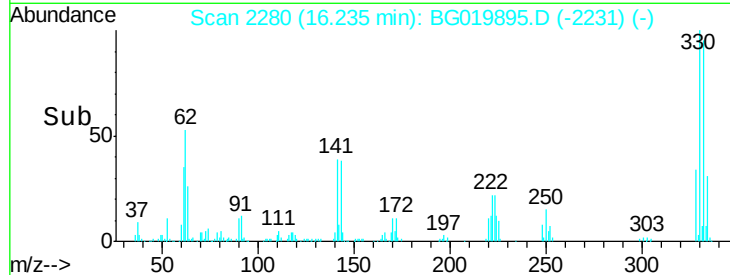
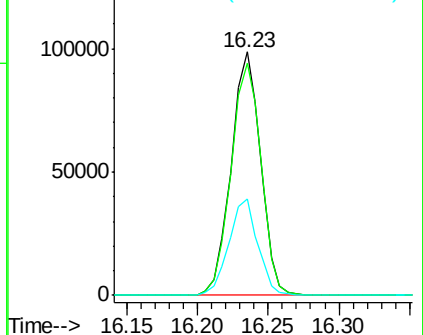
#41
 2,4,6-Tribromophenol
 Concen: 108.02 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

Tot Ion:330 Resp: 143150
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.1 117.1
 141 39.0 28.2 42.2

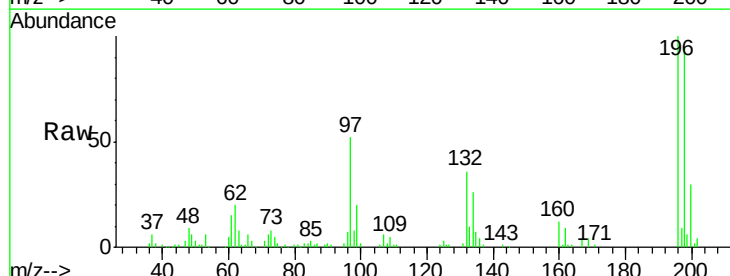


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

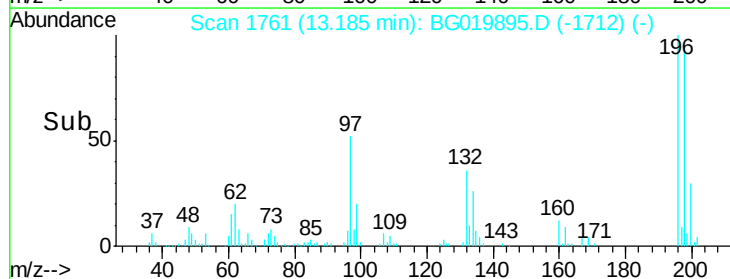
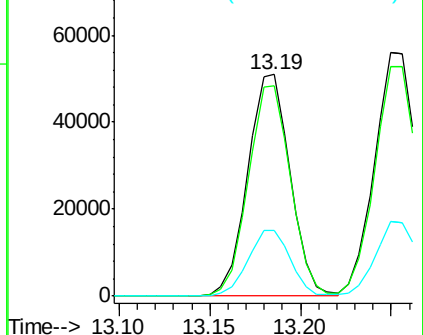


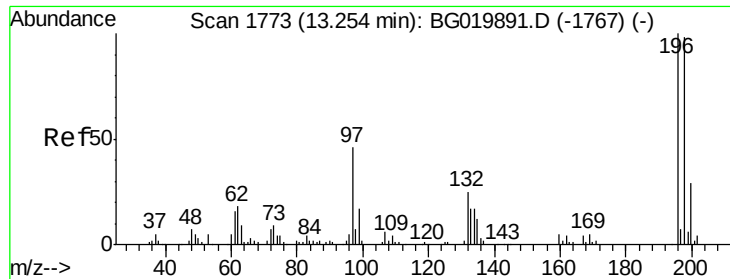
#42
 2,4,6-Trichlorophenol
 Concen: 38.12 ng
 RT: 13.19 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion:196 Resp: 82943
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.7 112.1
 200 29.8 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

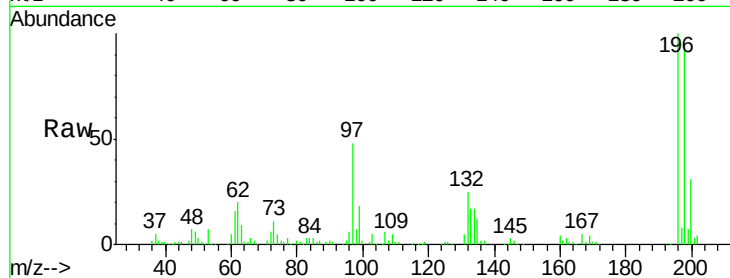




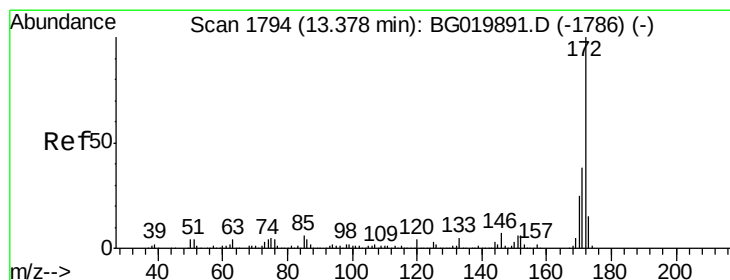
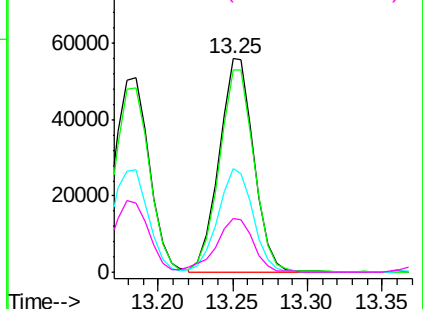
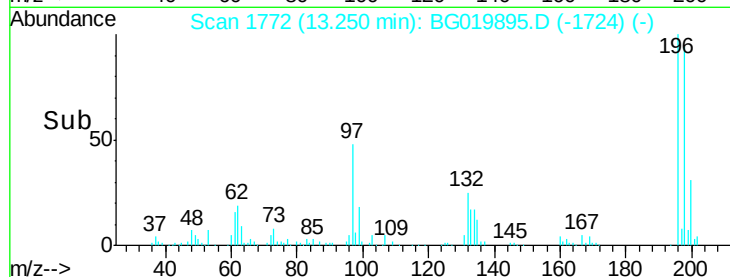
#43
 2,4,5-Trichlorophenol
 Concen: 39.56 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

Tot Ion:	196	Resp:	90982
Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.2	112.8
97	48.3	34.2	51.2
132	25.1	21.8	32.6

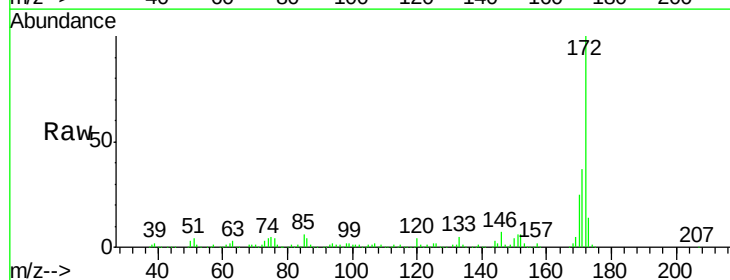


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

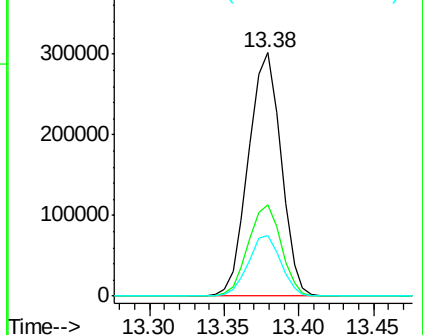
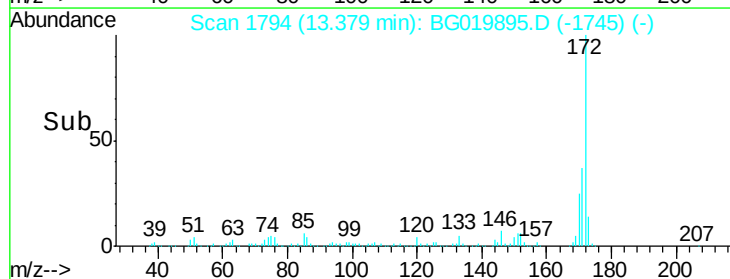


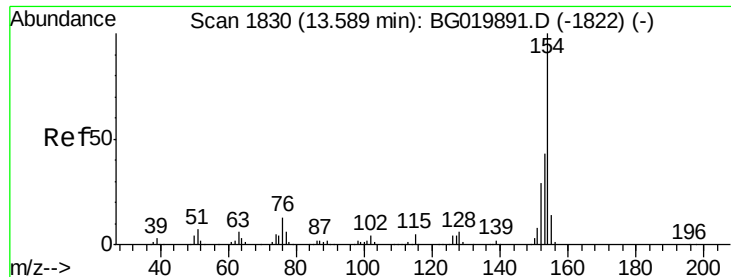
#44
 2-Fluorobiphenyl
 Concen: 72.05 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion:	172	Resp:	457021
Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	24.7	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

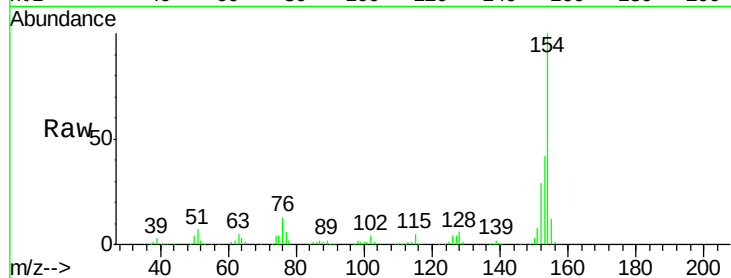




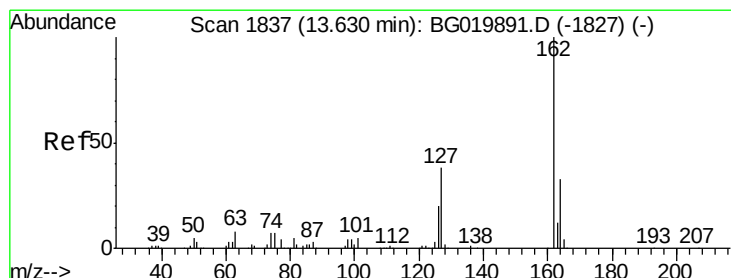
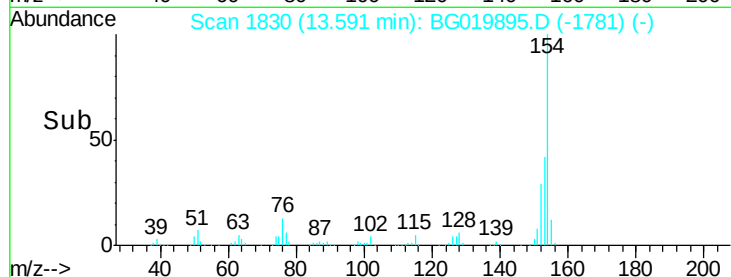
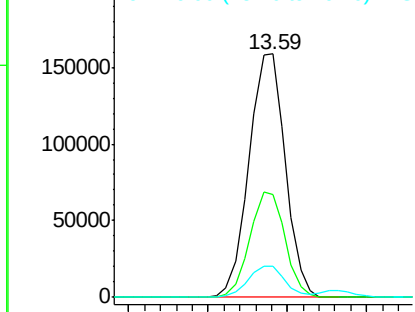
#45
 1,1'-Biphenyl
 Concen: 35.57 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.9	61.9
76	12.8	0.0	33.2

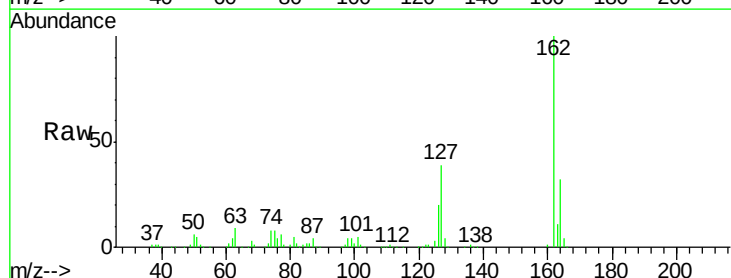


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

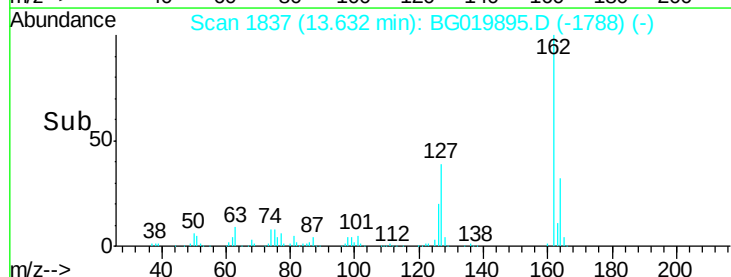
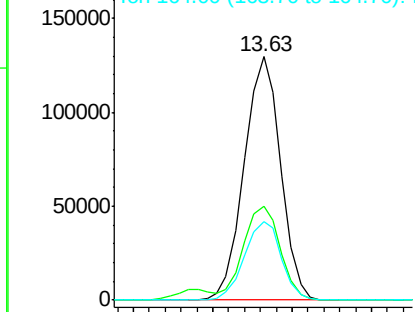


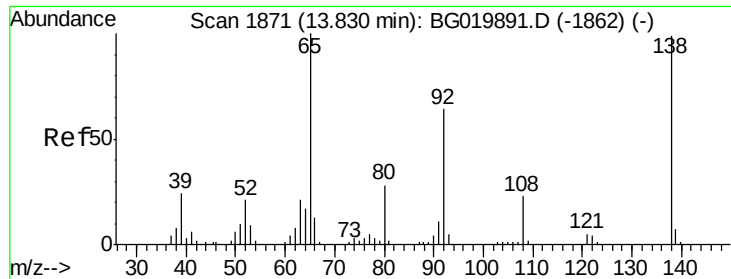
#46
 2-Chloronaphthalene
 Concen: 37.72 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	28.3	42.5
164	32.5	27.4	41.0



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

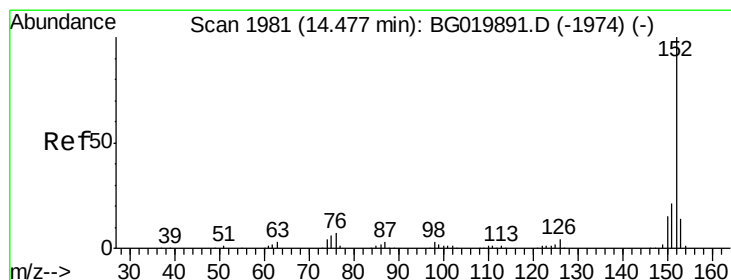
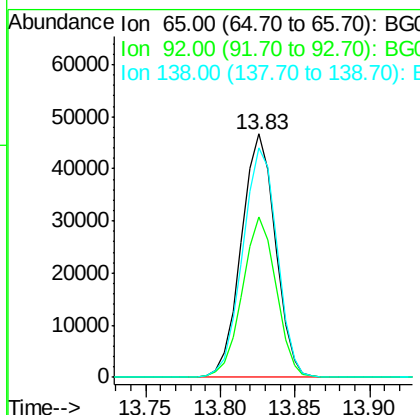
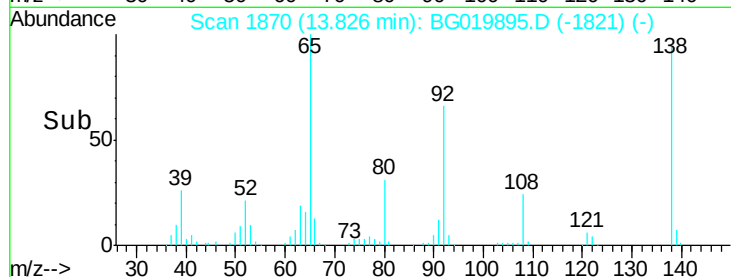
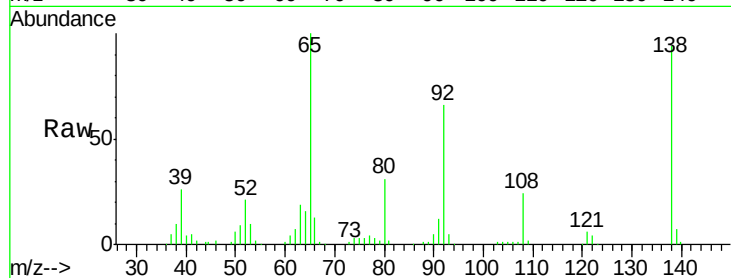




#47
2-Nitroaniline
Concen: 42.85 ng
RT: 13.83 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

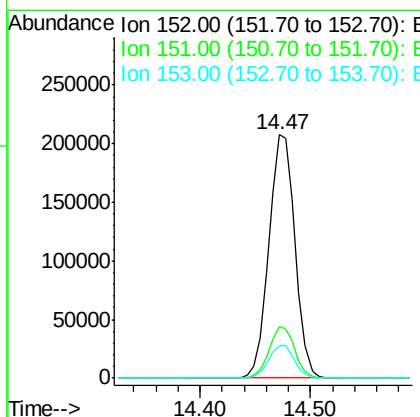
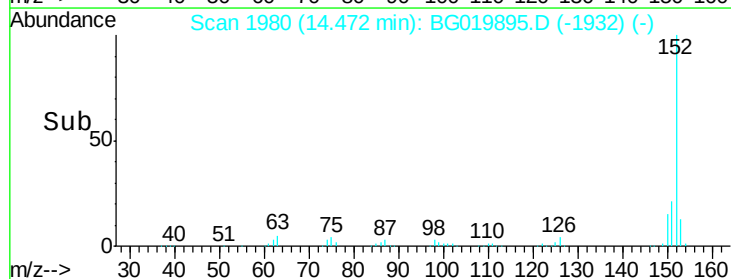
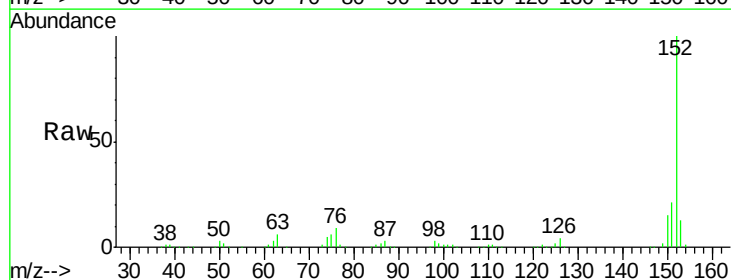
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

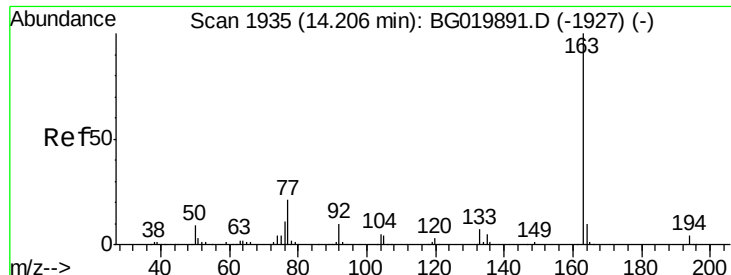
Tot Ion: 65 Resp: 74154
Ion Ratio Lower Upper
65 100
92 65.8 54.8 82.2
138 94.4 89.6 134.4



#48
Acenaphthylene
Concen: 36.70 ng
RT: 14.47 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion: 152 Resp: 342461
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.4
153 13.3 10.4 15.6





#49

Dimethylphthalate

Concen: 44.28 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

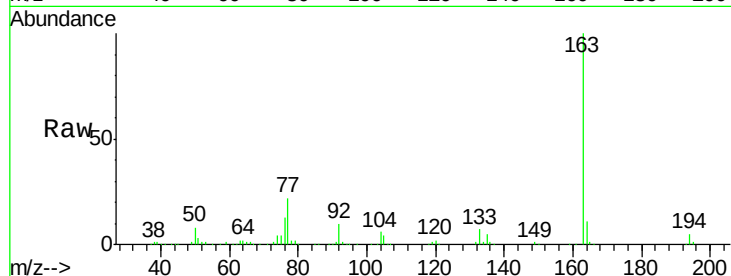
Tot Ion:163 Resp: 344969

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

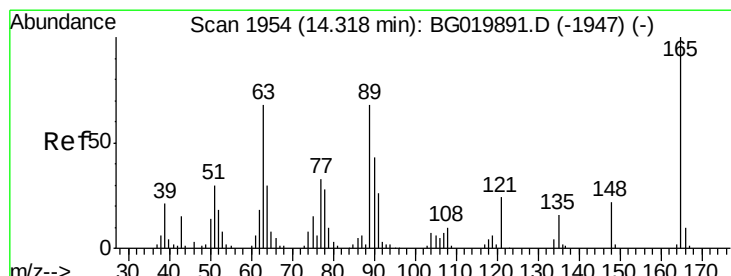
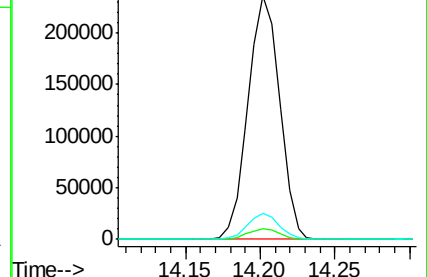
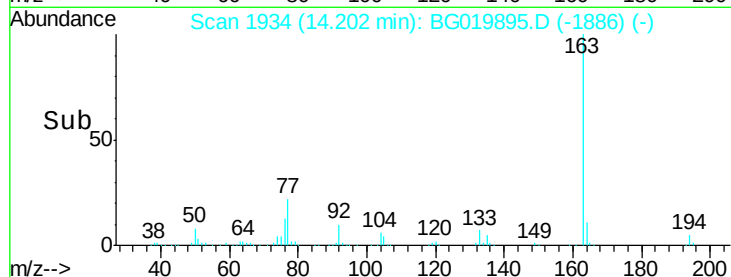
164 10.6 8.8 13.2



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: 41.64 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

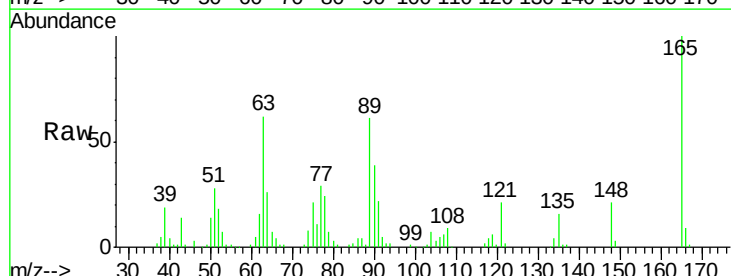
Tgt Ion:165 Resp: 60997

Ion Ratio Lower Upper

165 100

63 62.3 35.7 53.5#

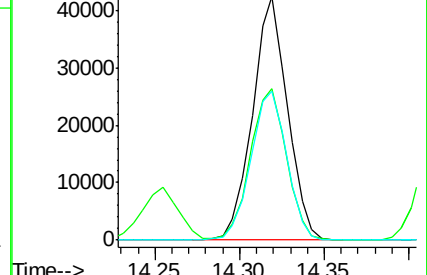
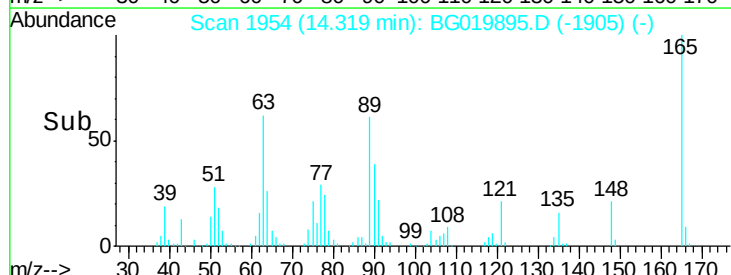
89 61.0 39.7 59.5#

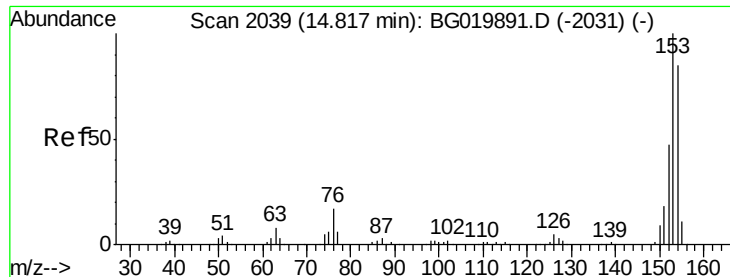


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.18 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

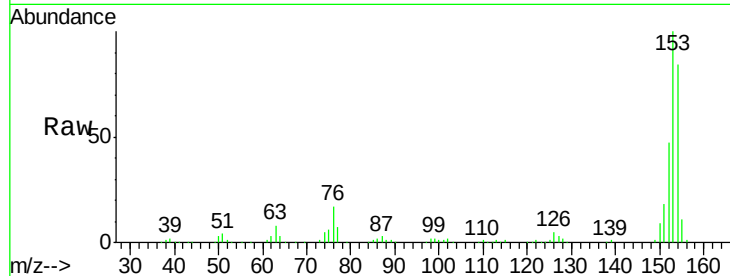
Tot Ion:154 Resp: 233192

Ion Ratio Lower Upper

154 100

153 119.3 92.9 139.3

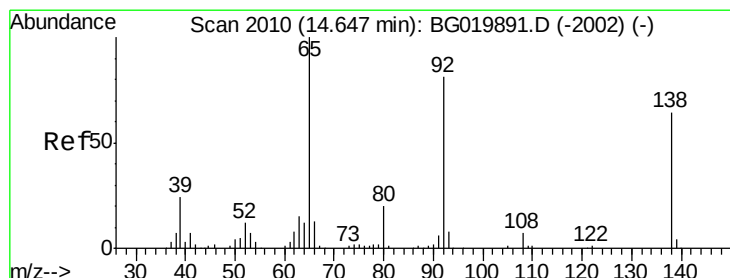
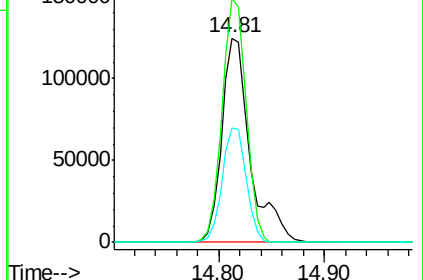
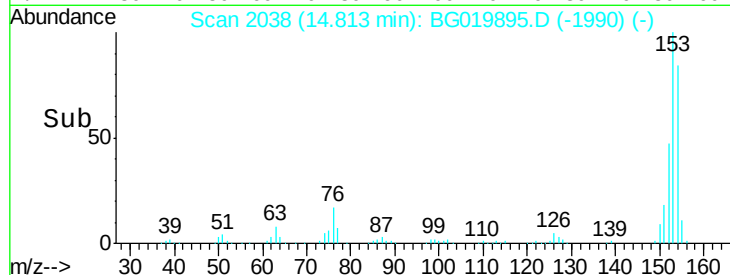
152 56.3 45.8 68.8



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: 32.86 ng

RT: 14.65 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

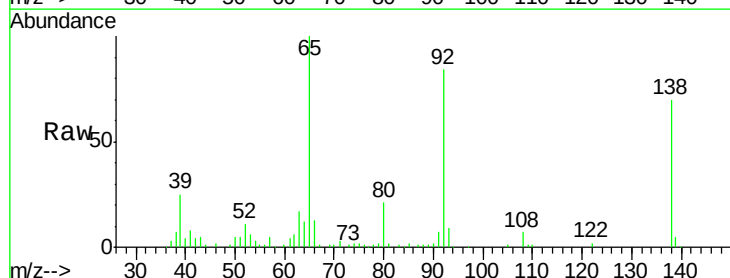
Tgt Ion:138 Resp: 50001

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

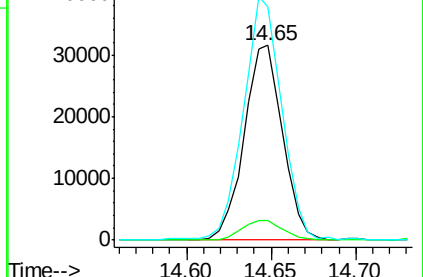
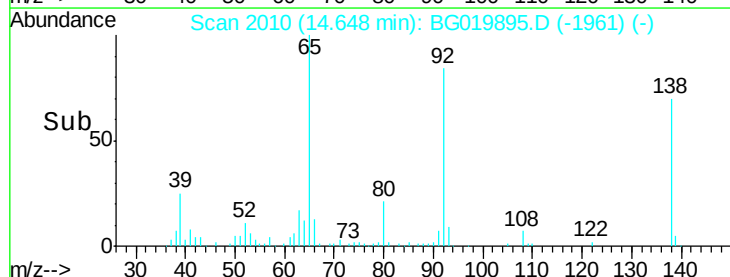
92 119.8 94.2 141.4

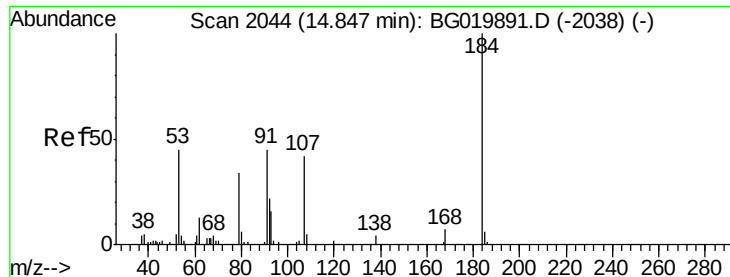


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

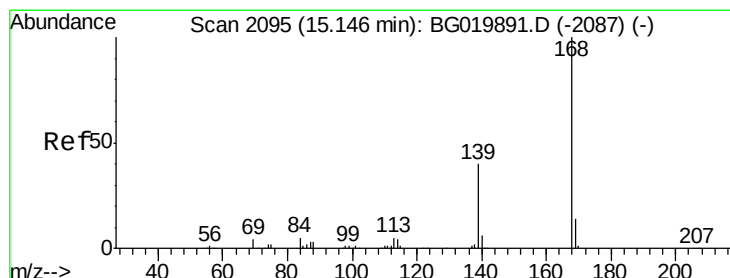
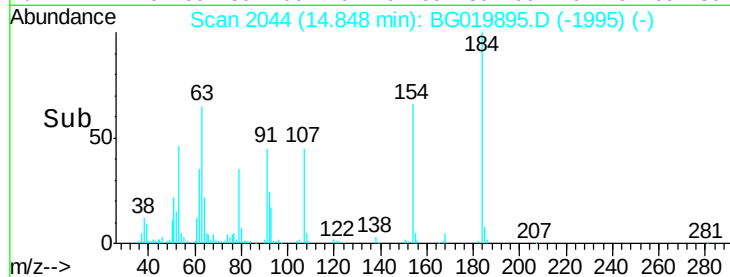
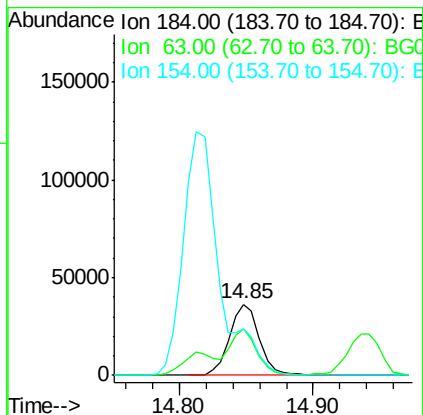
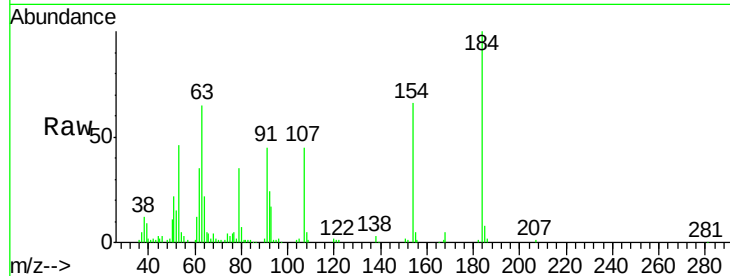




#53
 2,4-Dinitrophenol
 Concen: 73.22 ng
 RT: 14.85 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

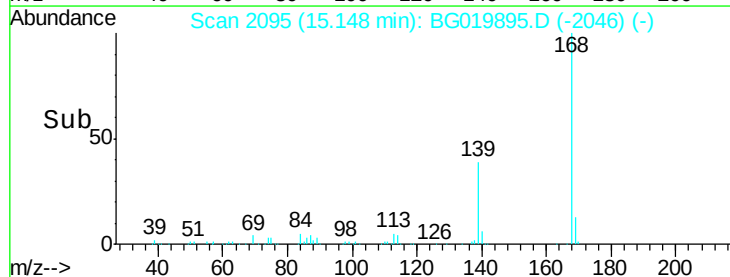
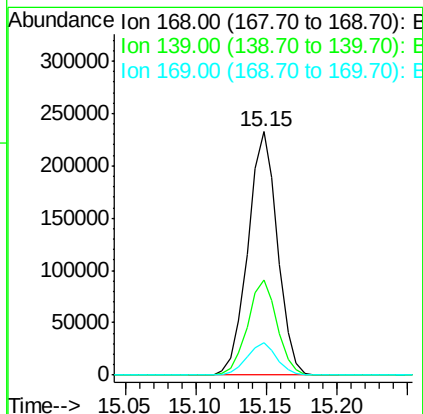
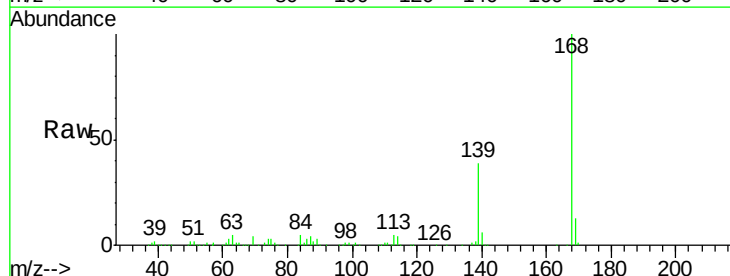
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

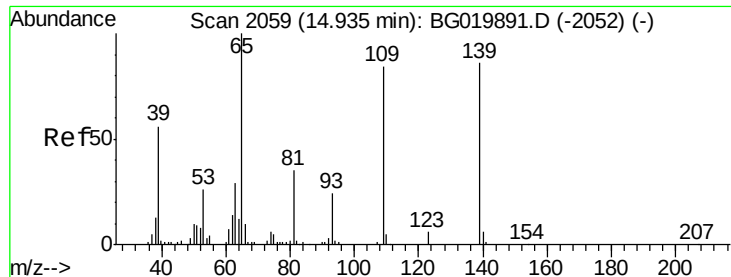
Tot Ion:184 Resp: 56381
 Ion Ratio Lower Upper
 184 100
 63 65.4 42.7 64.1#
 154 66.3 44.3 66.5



#54
 Dibenzofuran
 Concen: 40.49 ng
 RT: 15.15 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion:168 Resp: 341075
 Ion Ratio Lower Upper
 168 100
 139 39.3 27.4 41.0
 169 13.4 11.0 16.4

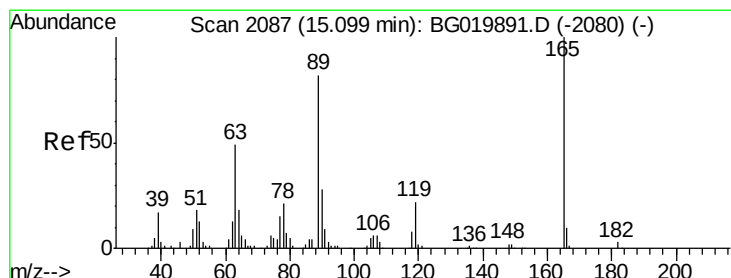
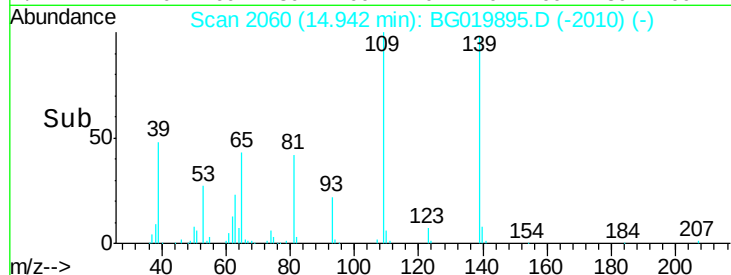
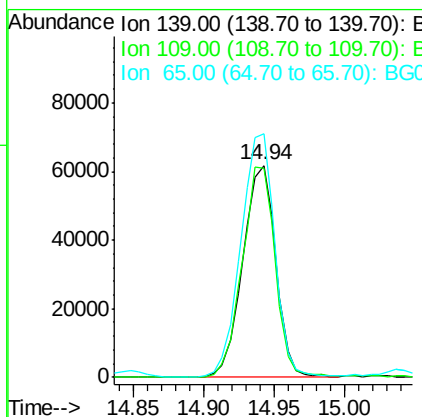
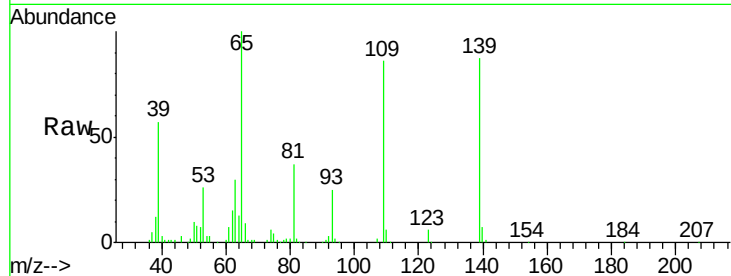




#55
4-Nitrophenol
Concen: 76.43 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

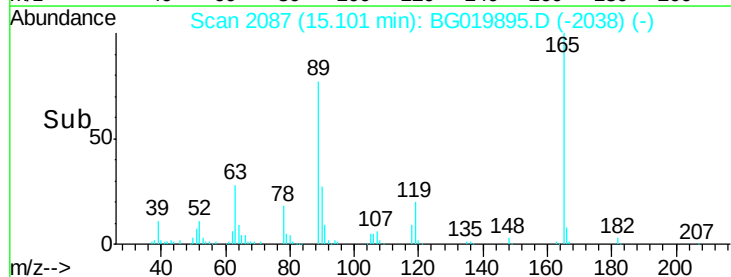
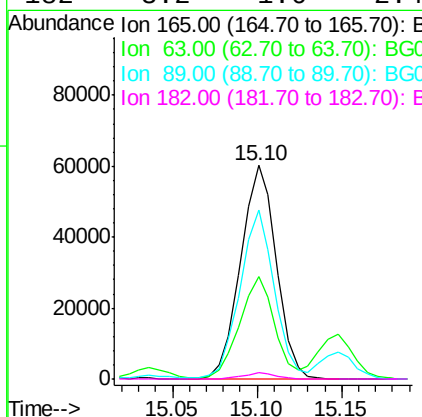
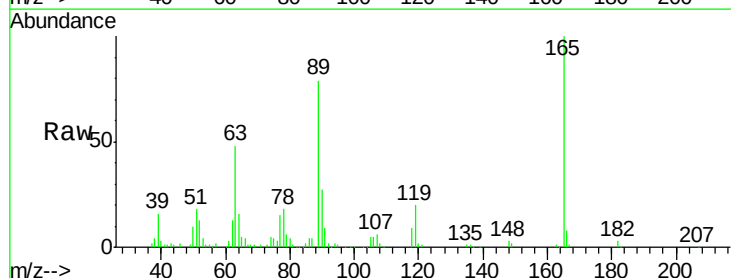
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

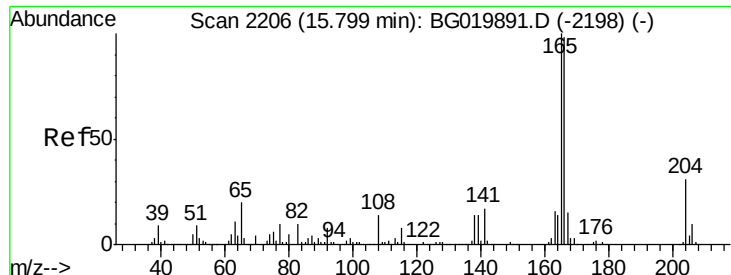
Tot Ion:139 Resp: 101297
Ion Ratio Lower Upper
139 100
109 98.9 43.2 83.2#
65 115.0 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 43.11 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion:165 Resp: 88111
Ion Ratio Lower Upper
165 100
63 47.9 31.0 46.4#
89 79.4 54.4 81.6
182 3.2 1.6 2.4#





#57

Fluorene

Concen: 36.90 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

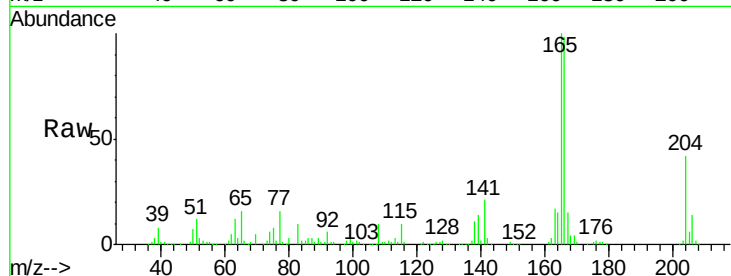
Tot Ion:166 Resp: 278217

Ion Ratio Lower Upper

166 100

165 102.5 80.0 120.0

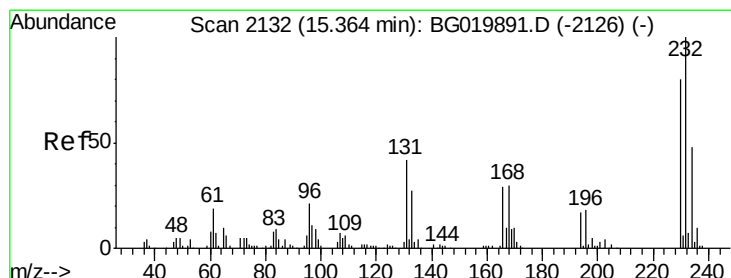
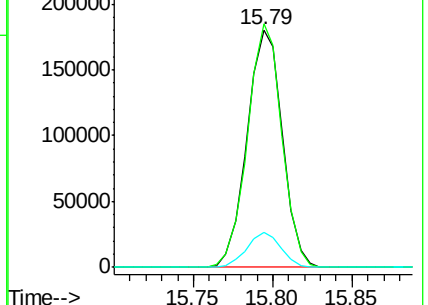
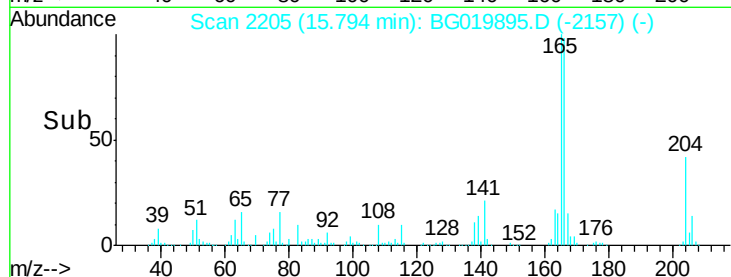
167 15.0 11.1 16.7



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: 40.93 ng

RT: 15.37 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Tgt Ion:232 Resp: 87124

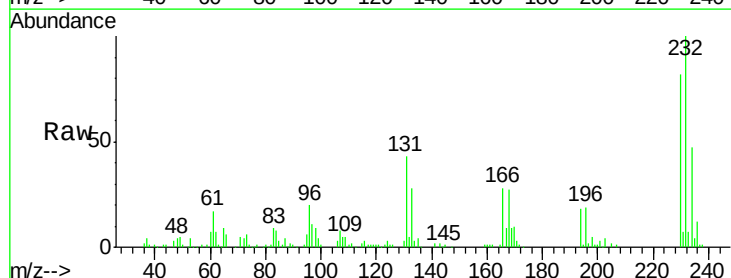
Ion Ratio Lower Upper

232 100

131 42.6 33.0 49.6

130 2.4 2.0 3.0

166 27.8 24.1 36.1

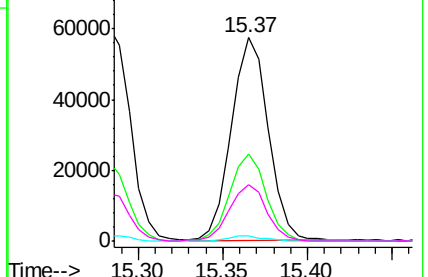
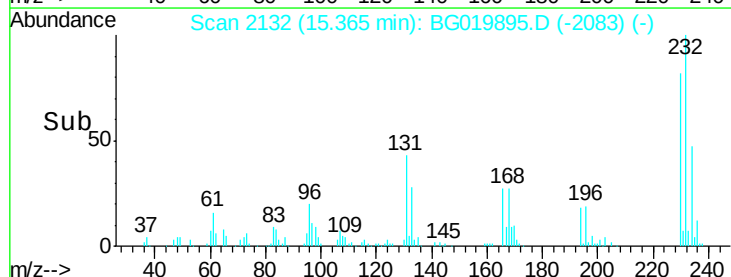


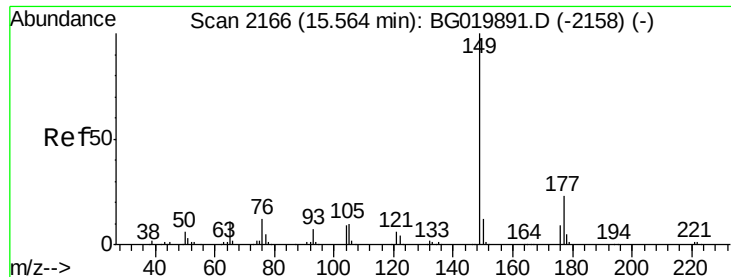
Abundance Ion 232.00 (231.70 to 232.70): E

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

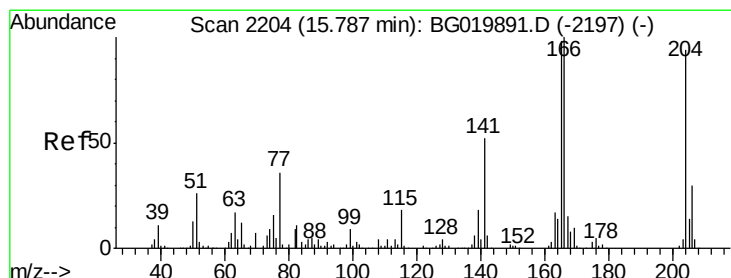
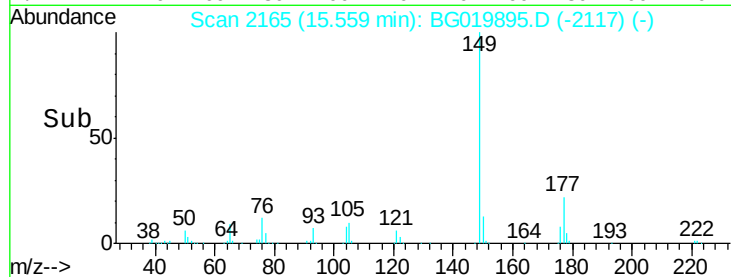
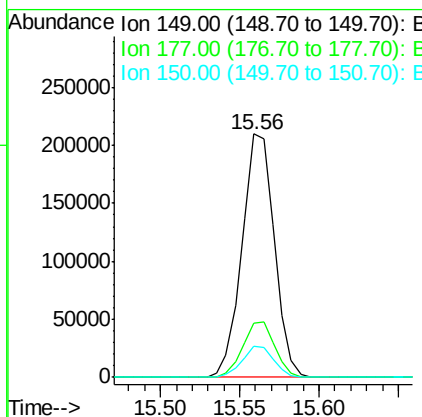
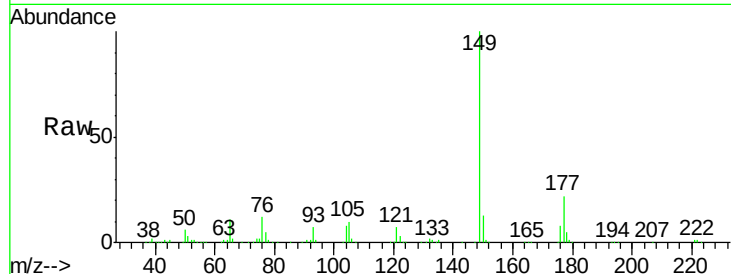




#59
Diethylphthalate
Concen: 35.21 ng
RT: 15.56 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

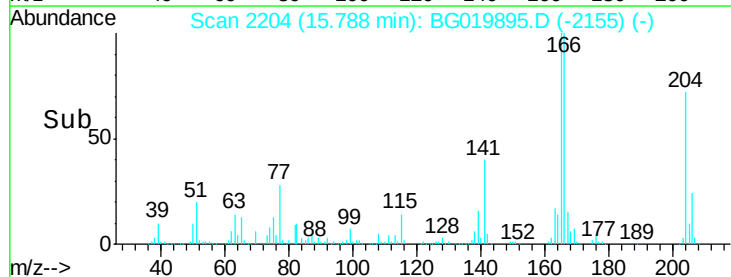
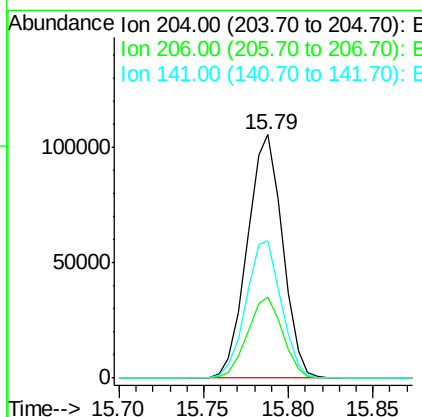
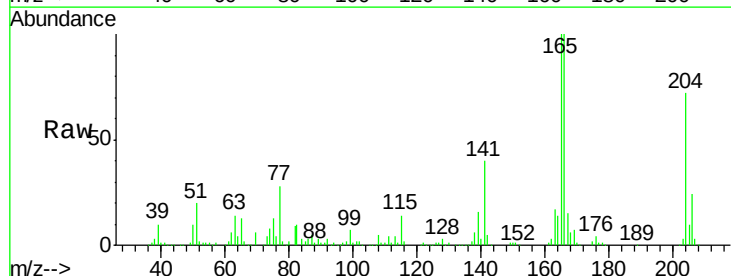
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

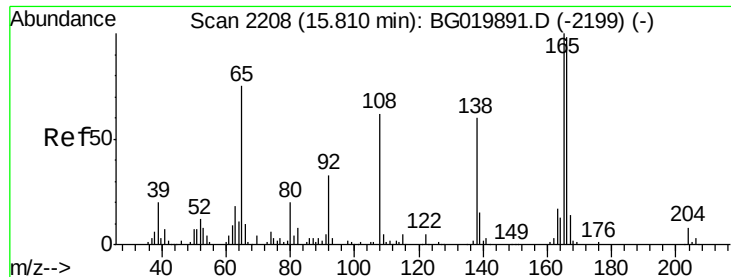
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	19.6	29.4
150	12.8	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.34 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	28.3	42.5
141	56.2	44.0	66.0

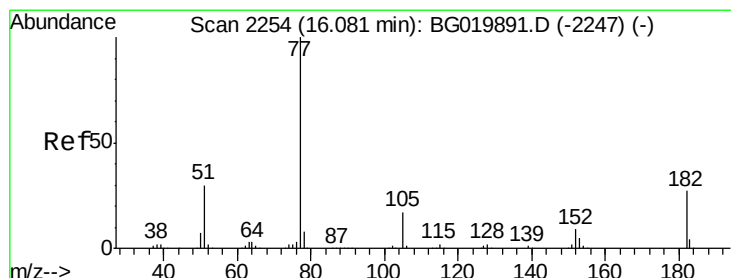
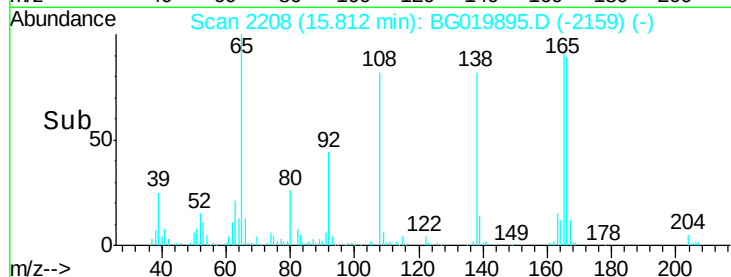
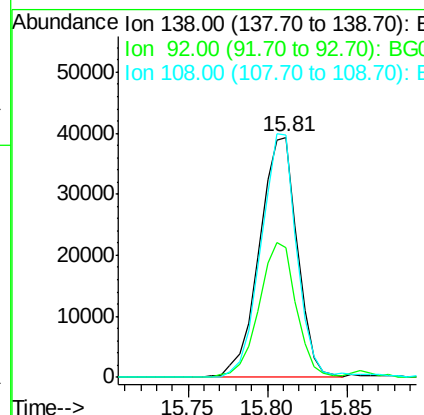
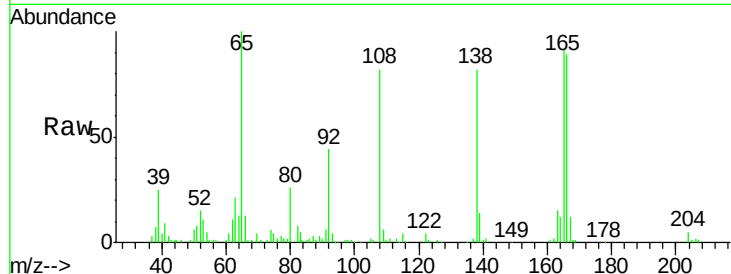




#61
4-Nitroaniline
Concen: 38.25 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

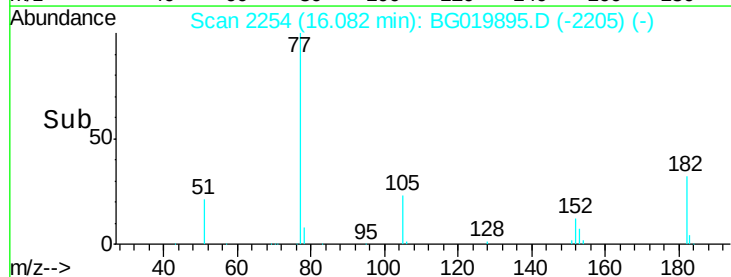
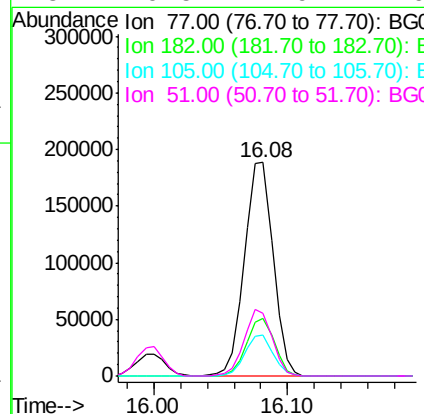
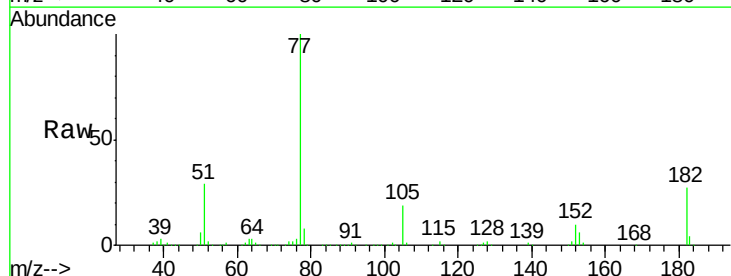
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

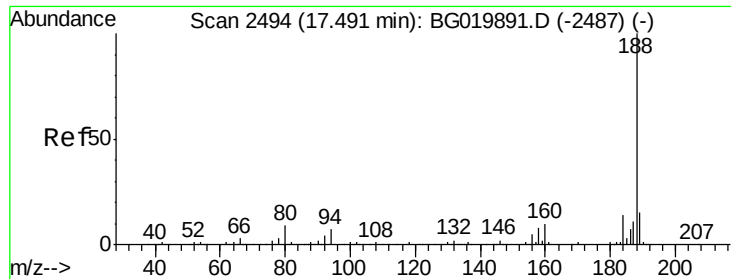
Tot Ion:138 Resp: 65466
Ion Ratio Lower Upper
138 100
92 53.9 29.1 69.1
108 100.9 49.8 89.8#



#62
Azobenzene
Concen: 39.93 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion: 77 Resp: 280129
Ion Ratio Lower Upper
77 100
182 27.2 7.0 47.0
105 19.4 1.4 41.4
51 29.5 4.9 44.9

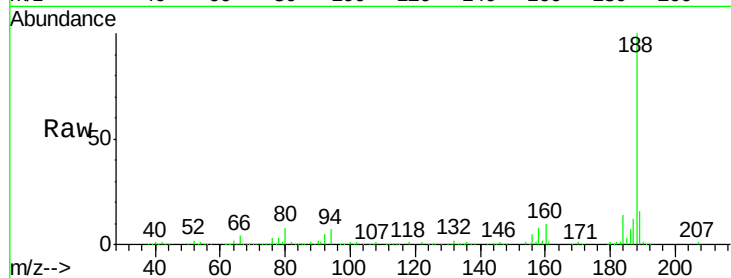




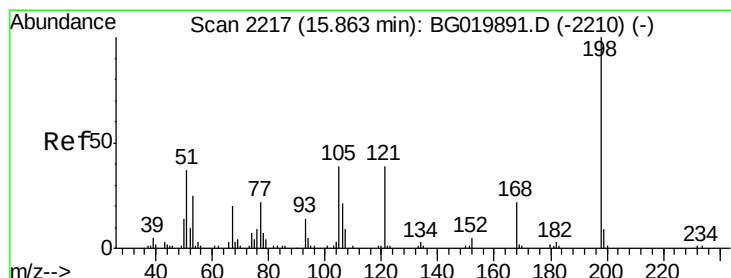
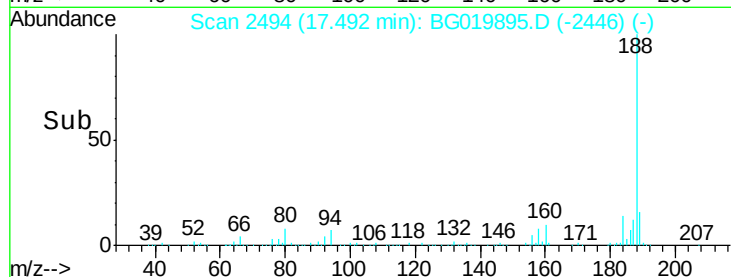
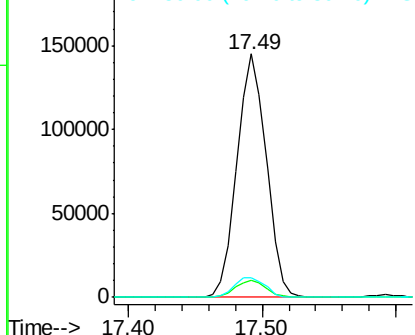
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

Tot Ion:188 Resp: 220183
Ion Ratio Lower Upper
188 100
94 7.0 7.7 11.5#
80 7.9 7.8 11.8

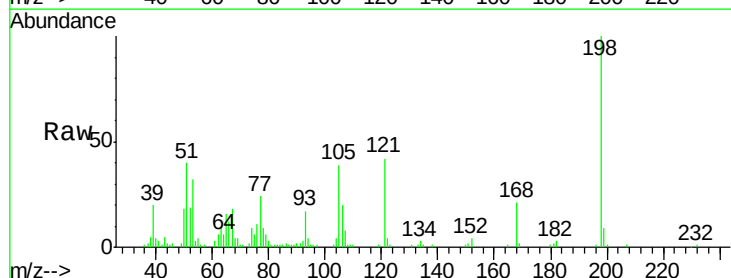


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

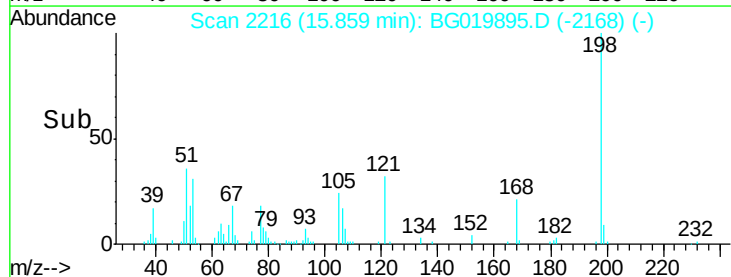
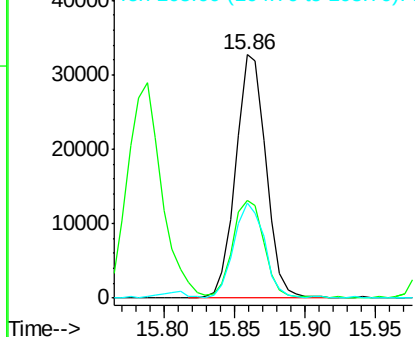


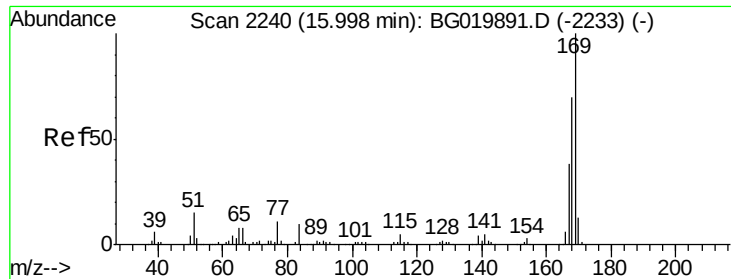
#64
4,6-Dinitro-2-methylphenol
Concen: 40.66 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion:198 Resp: 48965
Ion Ratio Lower Upper
198 100
51 39.9 14.2 54.2
105 38.9 21.1 61.1



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





#65

n-Nitrosodiphenylamine

Concen: 39.31 ng

RT: 16.00 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

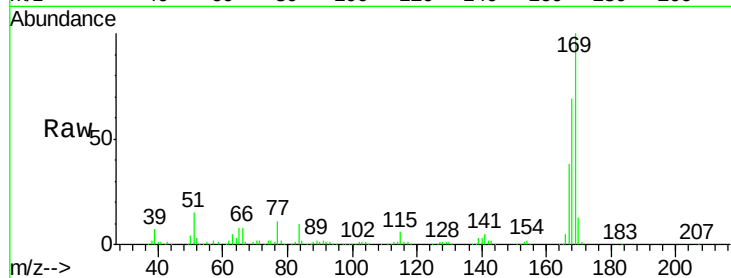
Tot Ion:169 Resp: 250478

Ion Ratio Lower Upper

169 100

168 69.5 58.2 87.2

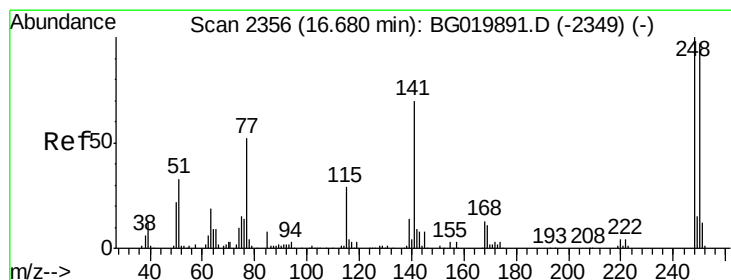
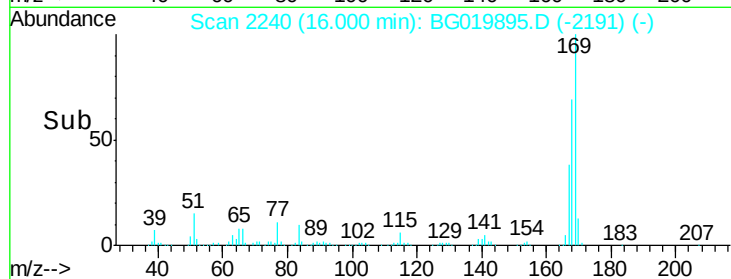
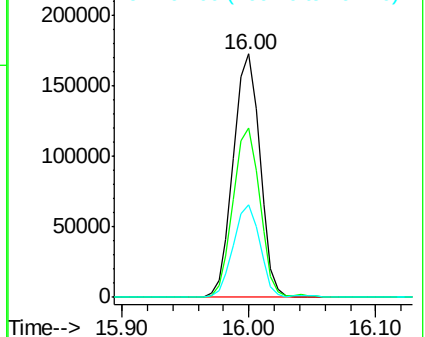
167 38.1 32.7 49.1



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: 36.66 ng

RT: 16.68 min Scan# 2356

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

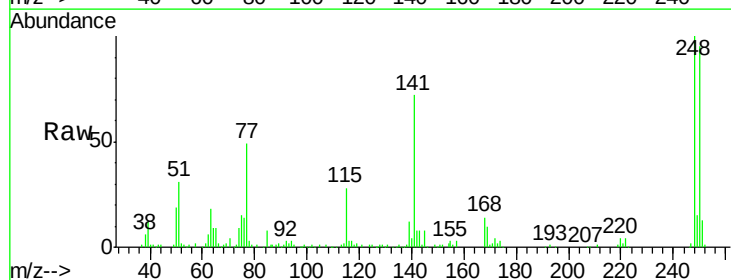
Tgt Ion:248 Resp: 100288

Ion Ratio Lower Upper

248 100

250 94.5 77.8 116.8

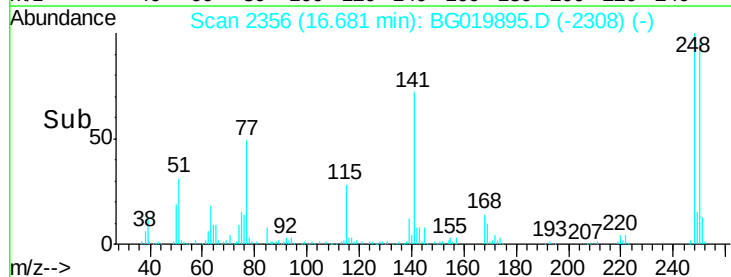
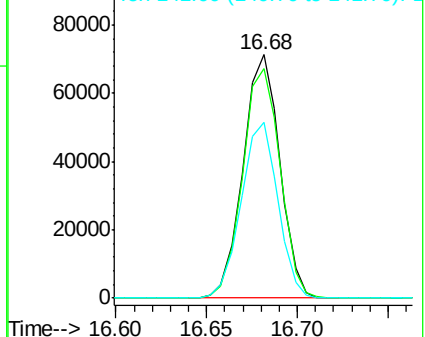
141 72.0 50.4 75.6

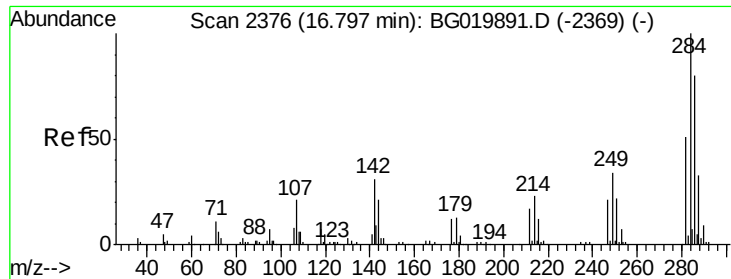


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.24 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

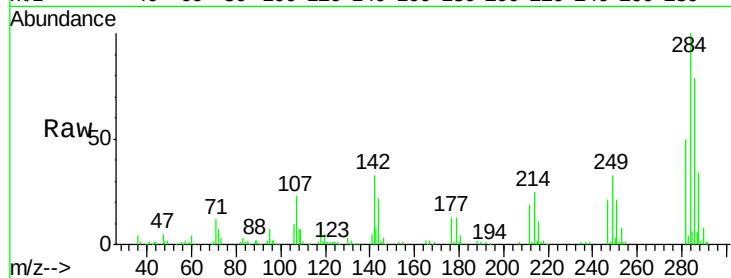
Tot Ion:284 Resp: 108990

Ion Ratio Lower Upper

284 100

142 32.8 26.6 39.8

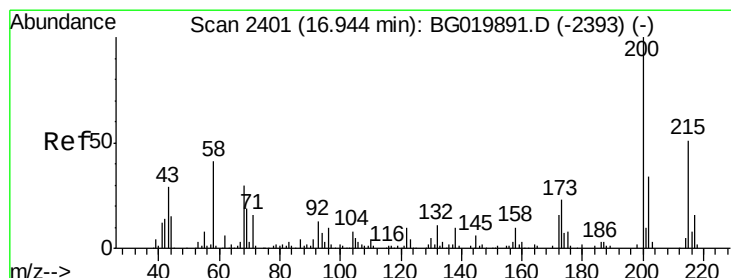
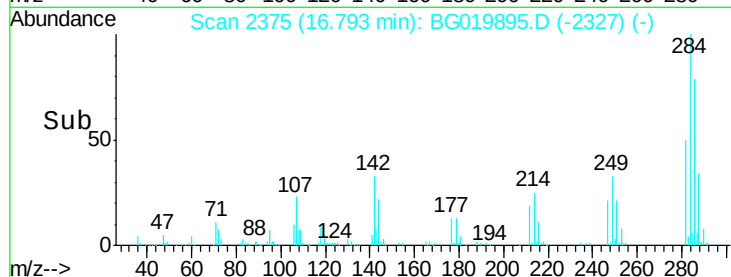
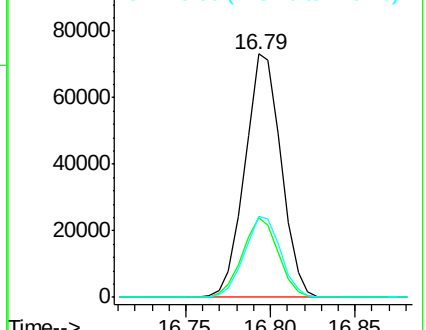
249 33.2 26.2 39.2



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: 38.11 ng

RT: 16.94 min Scan# 2400

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

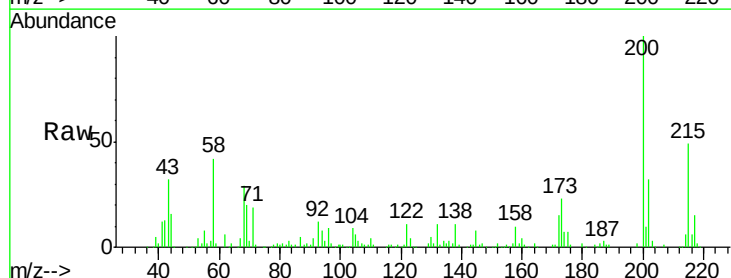
Tgt Ion:200 Resp: 105501

Ion Ratio Lower Upper

200 100

173 22.7 5.2 45.2

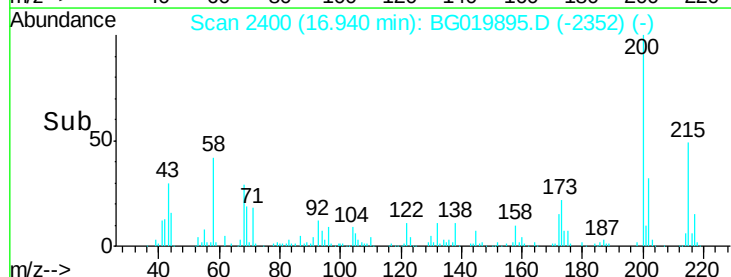
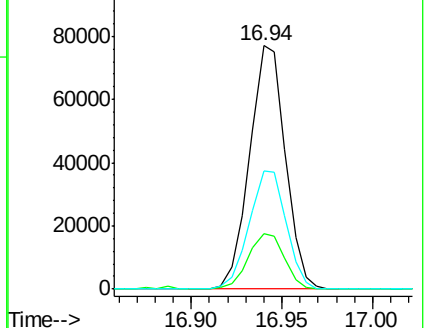
215 48.6 27.0 67.0

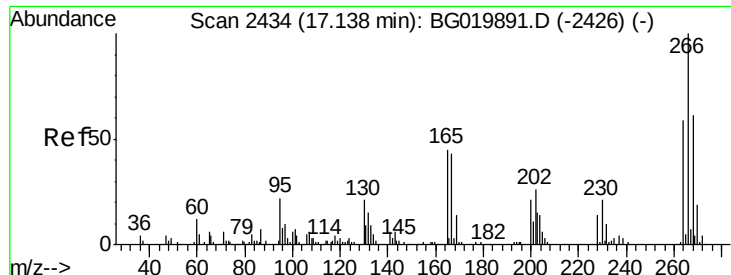


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

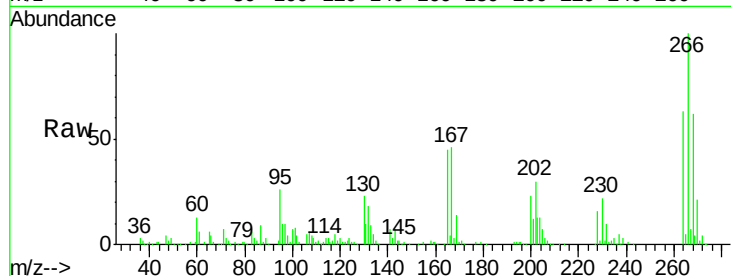




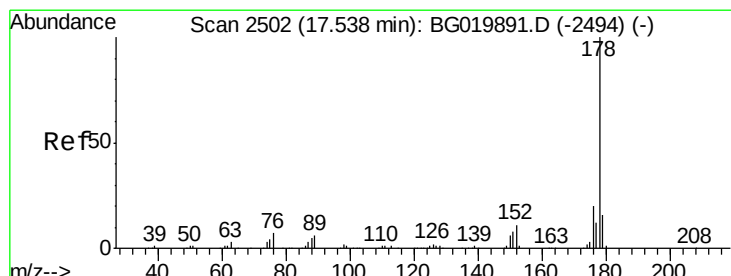
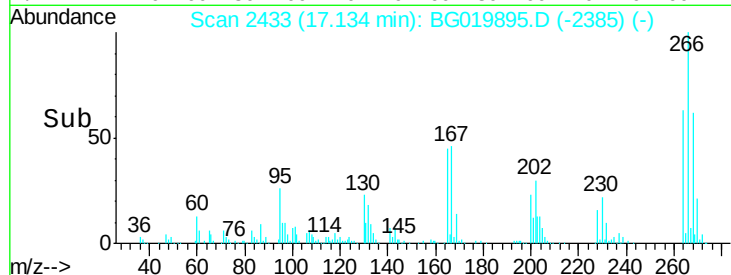
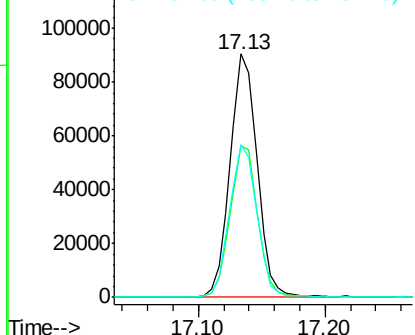
#69
 Pentachlorophenol
 Concen: 80.24 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

Tot Ion:266 Resp: 133475
 Ion Ratio Lower Upper
 266 100
 268 62.3 47.6 71.4
 264 62.7 48.1 72.1

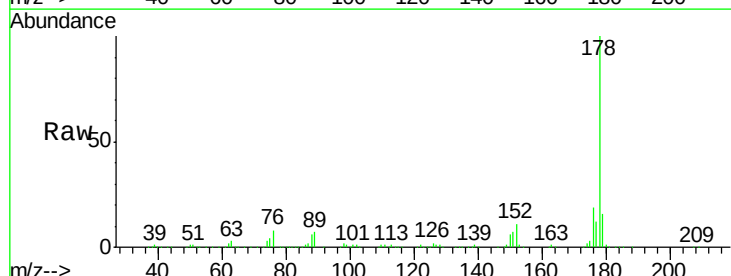


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

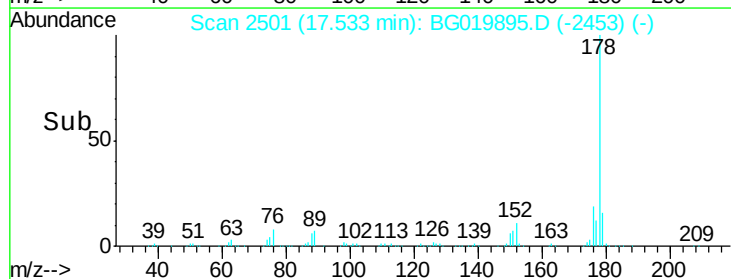
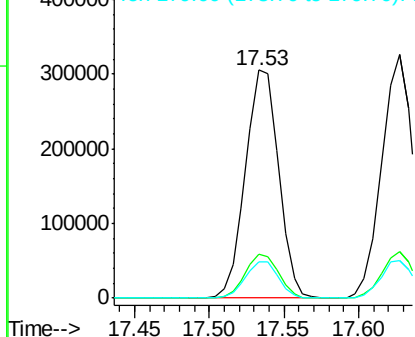


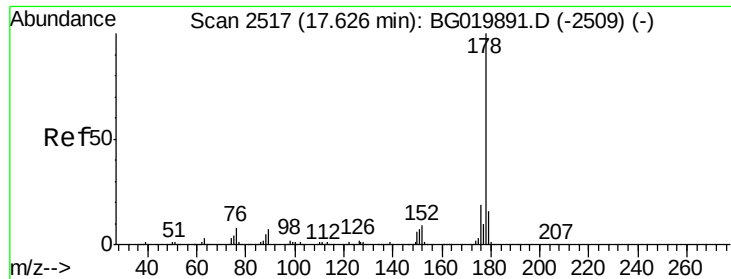
#70
 Phenanthrene
 Concen: 37.68 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.02 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion:178 Resp: 469350
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.7 25.1
 179 15.8 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

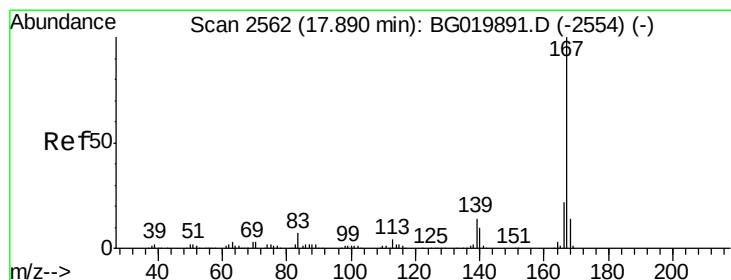
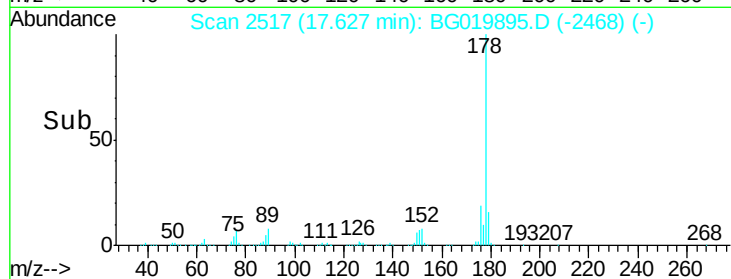
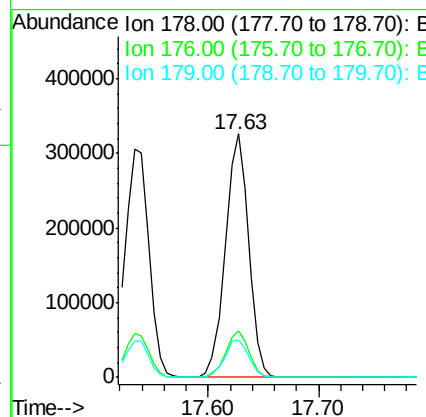
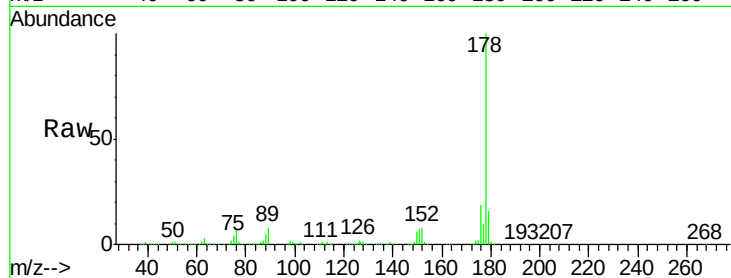




#71
 Anthracene
 Concen: 37.77 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

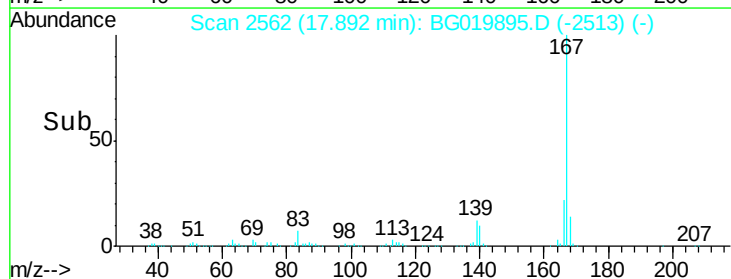
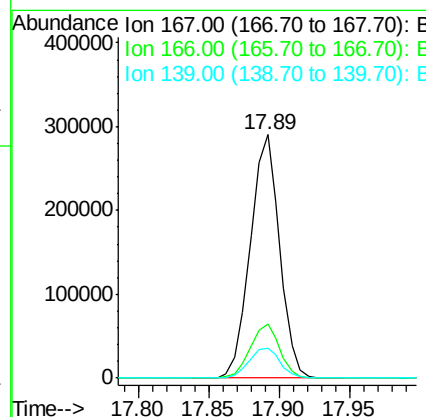
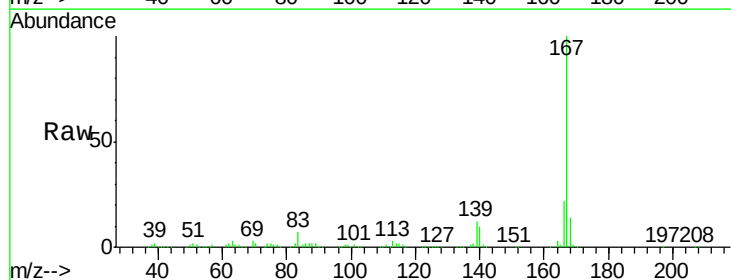
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

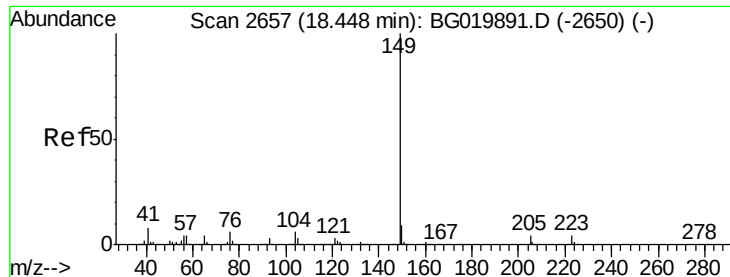
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.8	25.2
179	15.6	13.9	20.9



#72
 Carbazole
 Concen: 37.81 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.0	28.6
139	12.5	10.2	15.4





#73

Di-n-butylphthalate

Concen: 37.14 ng

RT: 18.45 min Scan# 2657

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

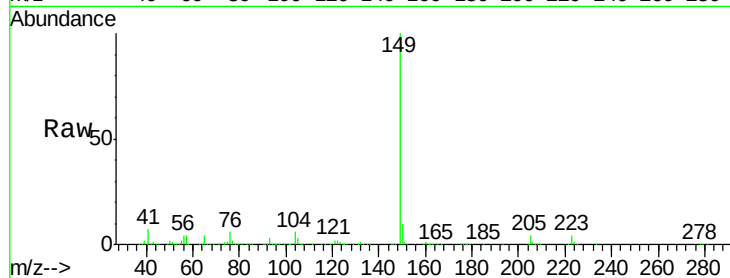
Tot Ion:149 Resp: 508816

Ion Ratio Lower Upper

149 100

150 9.8 8.2 12.4

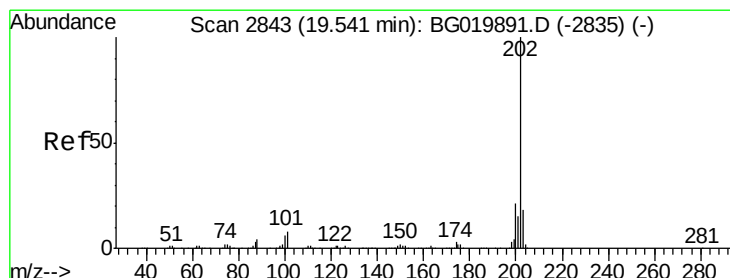
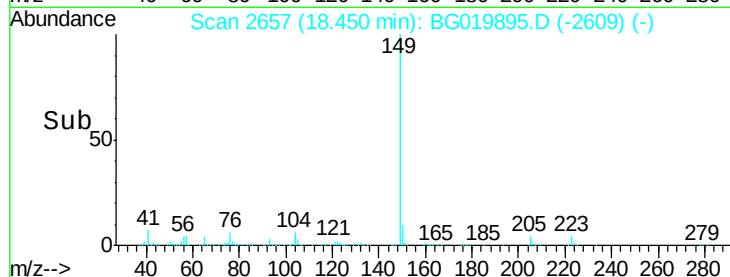
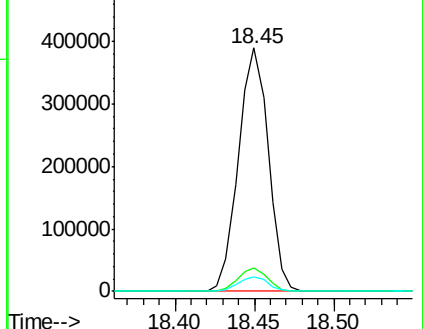
104 5.8 4.4 6.6



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: 36.37 ng

RT: 19.54 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

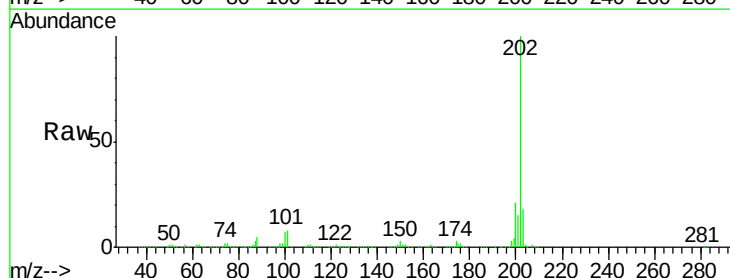
Tgt Ion:202 Resp: 579536

Ion Ratio Lower Upper

202 100

101 7.9 0.0 32.4

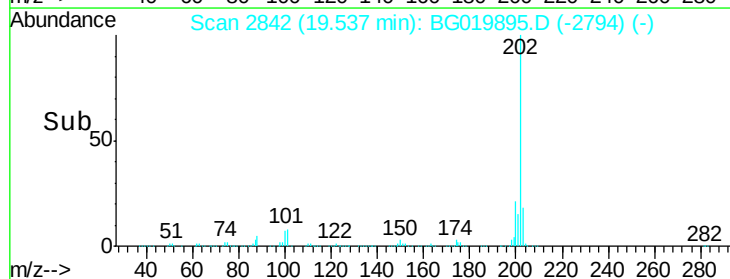
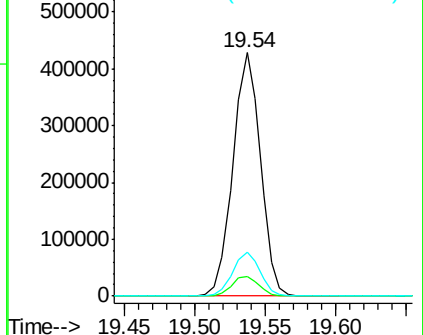
203 18.3 0.0 39.5

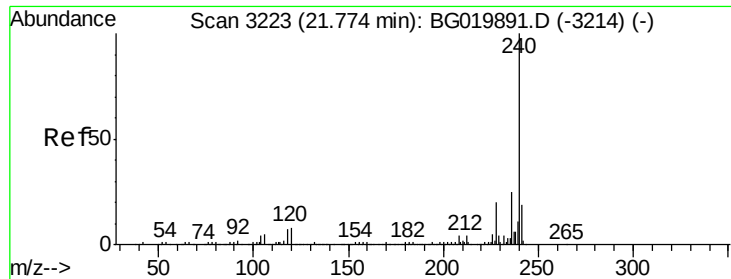


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

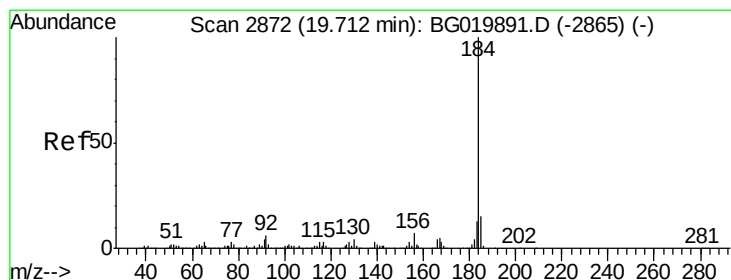
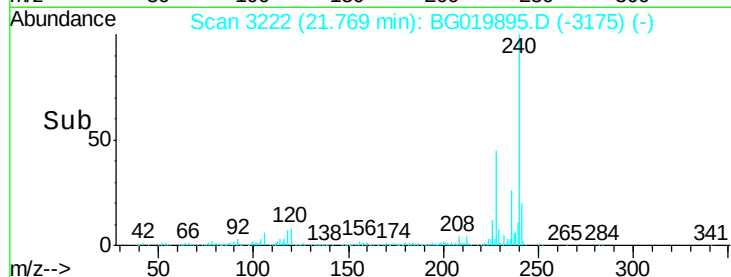
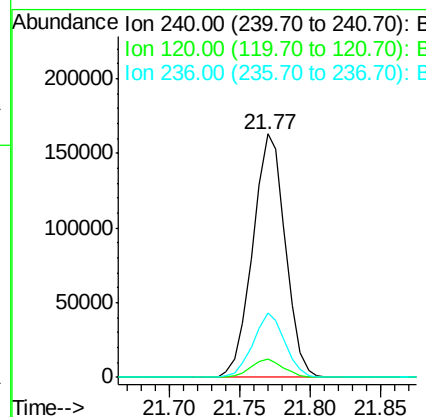
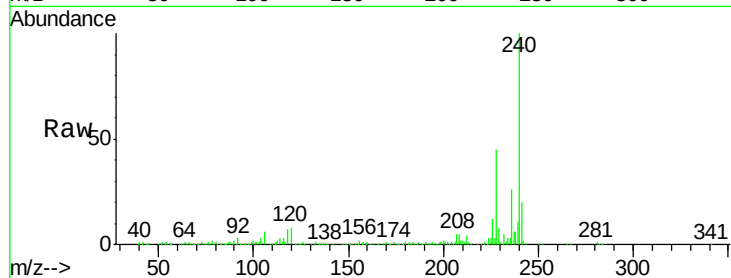




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

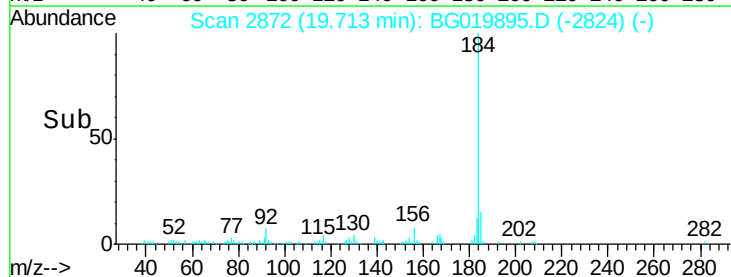
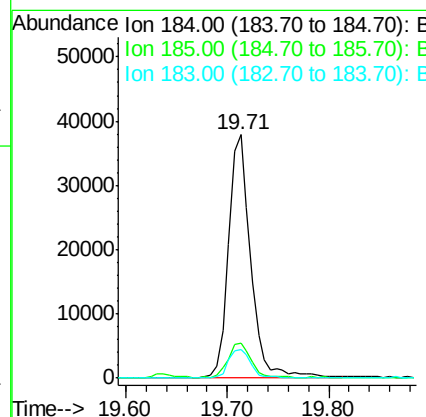
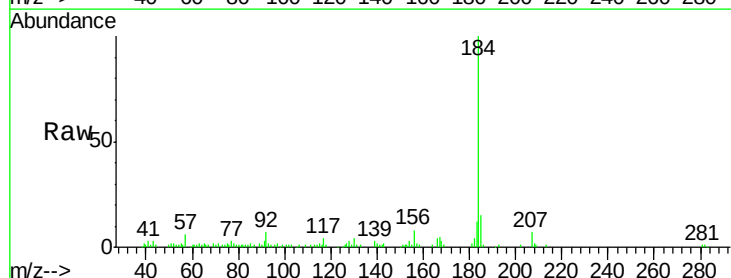
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

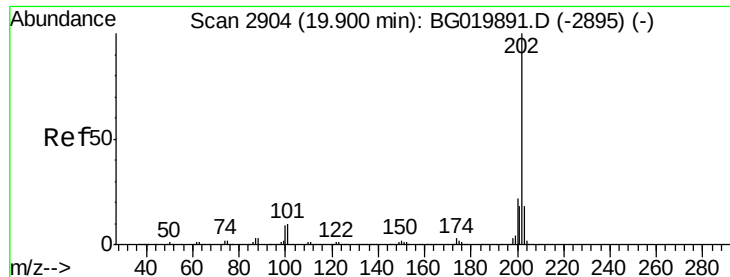
Tot Ion:240 Resp: 264414
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 26.5 20.7 31.1



#76
Benzidine
Concen: 6.66 ng
RT: 19.71 min Scan# 2872
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion:184 Resp: 57813
Ion Ratio Lower Upper
184 100
185 14.6 13.4 20.2
183 11.8 10.1 15.1





#77

Pvrene

Concen: 37.98 ng

RT: 19.90 min Scan# 2904

Delta R.T. -0.01 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

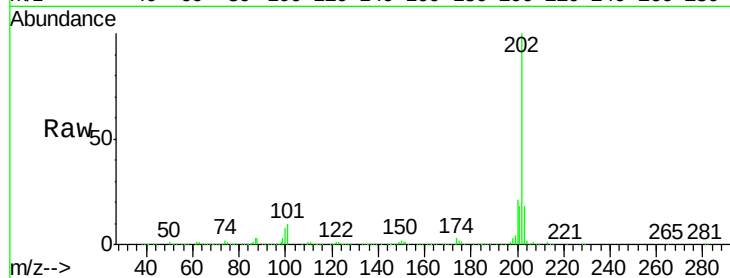
Tot Ion:202 Resp: 590795

Ion Ratio Lower Upper

202 100

200 20.9 19.4 29.0

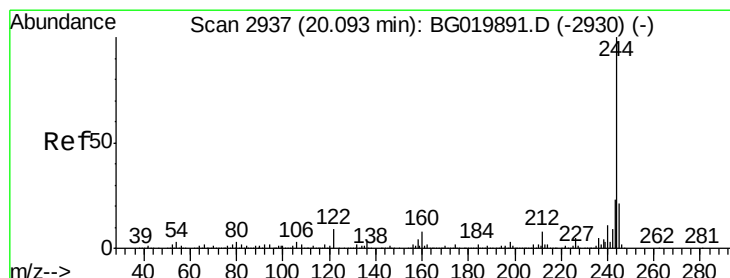
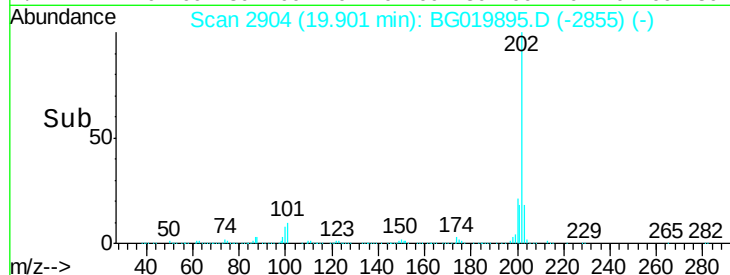
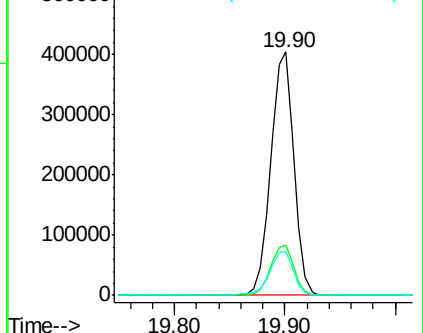
203 18.0 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.47 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

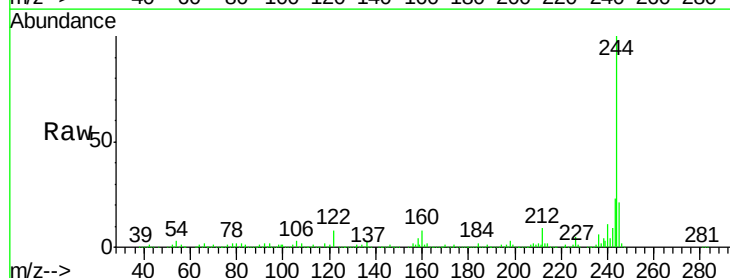
Tgt Ion:244 Resp: 796422

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

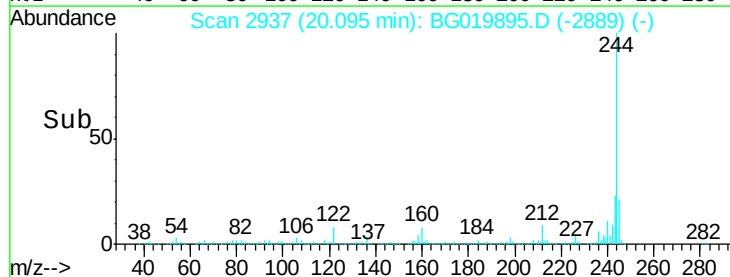
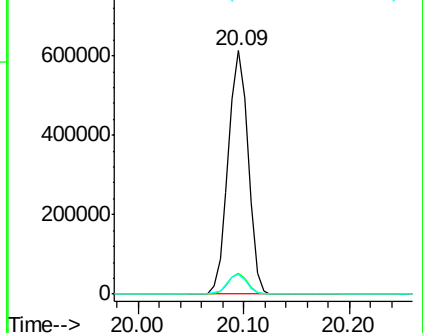
122 8.3 10.2 15.2#

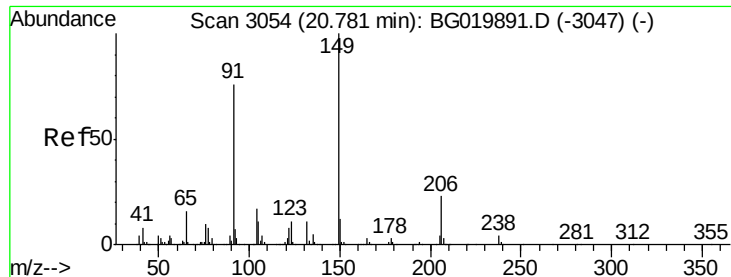


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

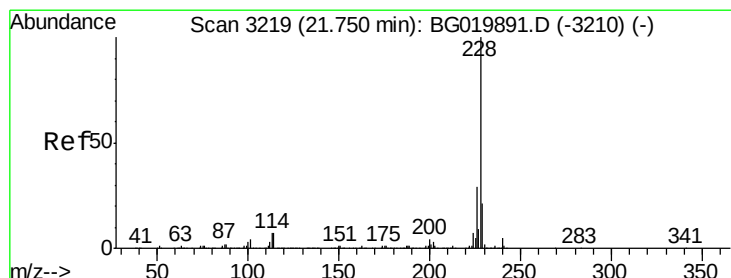
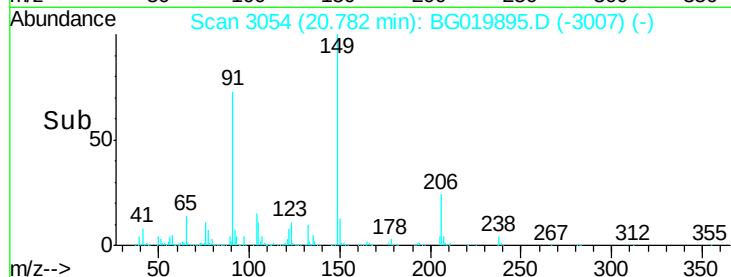
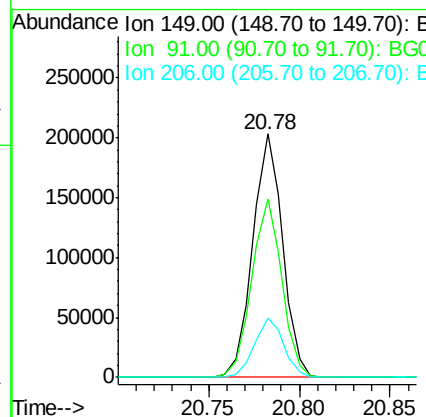
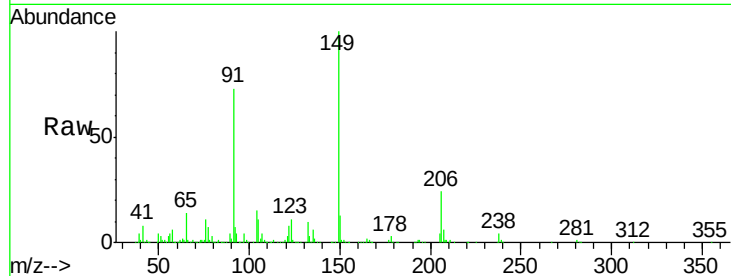




#79
Butylbenzylphthalate
Concen: 38.17 ng
RT: 20.78 min Scan# 3054
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

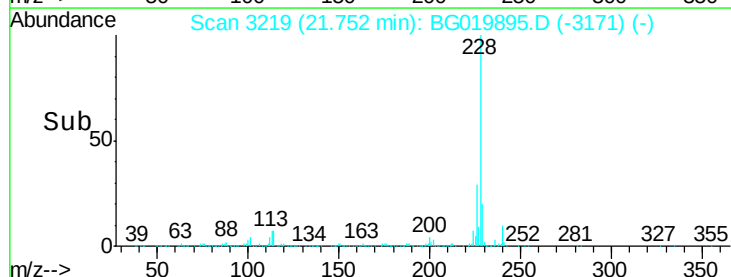
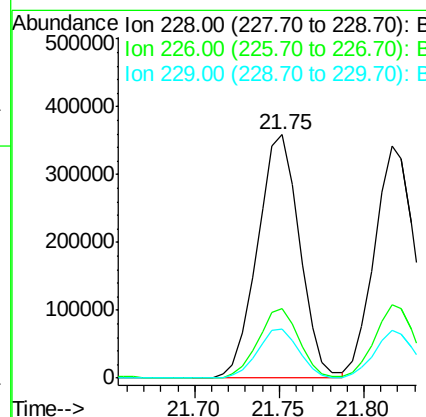
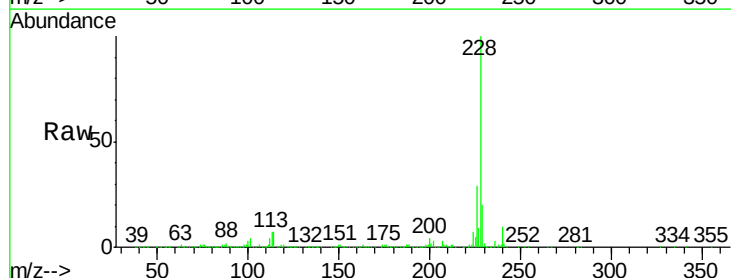
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

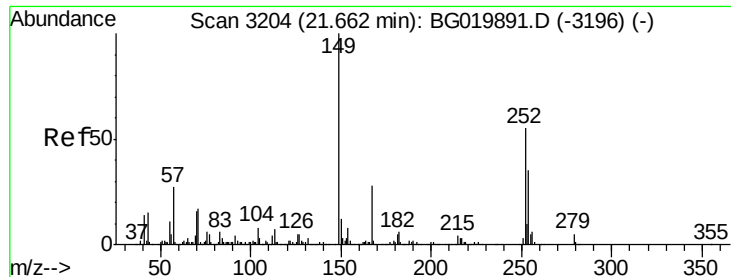
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	58.1	87.1
206	24.3	17.8	26.8



#80
Benzo(a)anthracene
Concen: 38.25 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.2	16.6	25.0

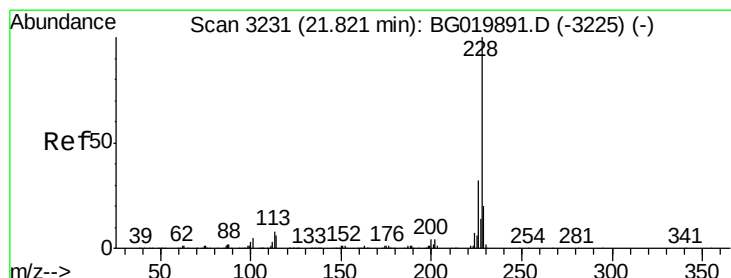
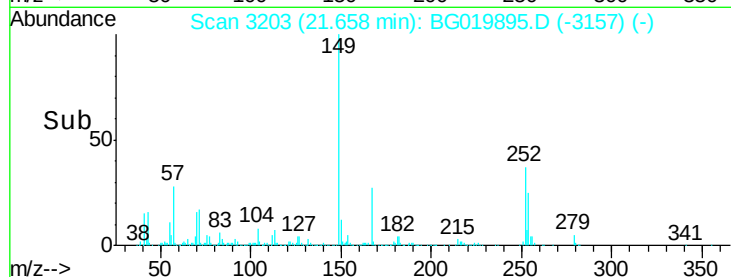
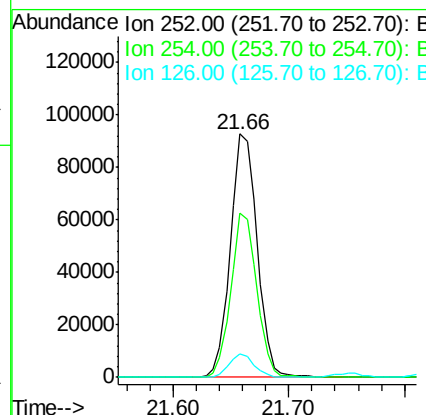
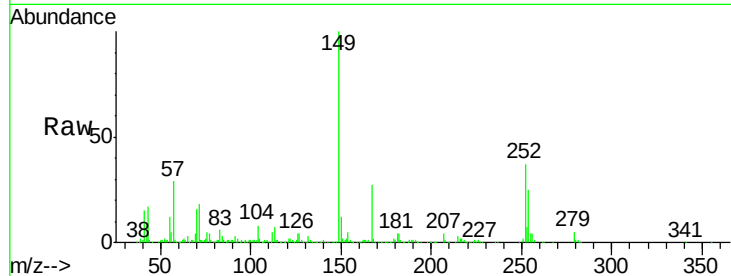




#81
 3,3'-Dichlorobenzidine
 Concen: 24.22 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.03 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

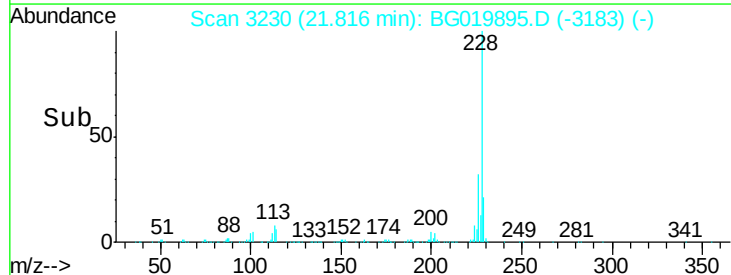
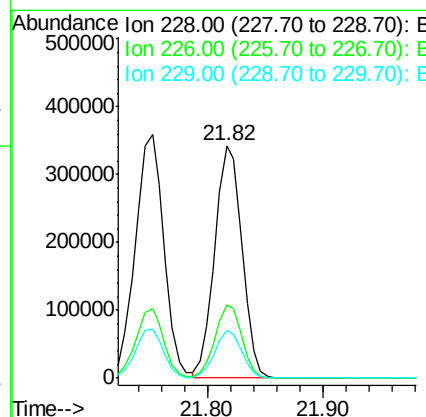
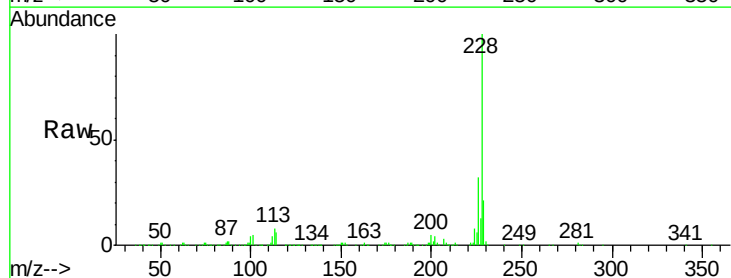
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

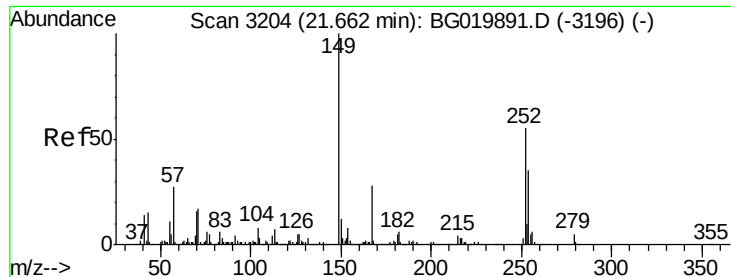
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.2	52.5	78.7
126	9.8	8.5	12.7



#82
 Chrysene
 Concen: 36.58 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.02 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.7	40.1
229	20.8	17.0	25.6

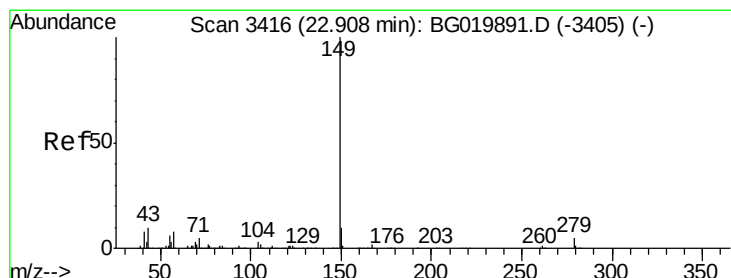
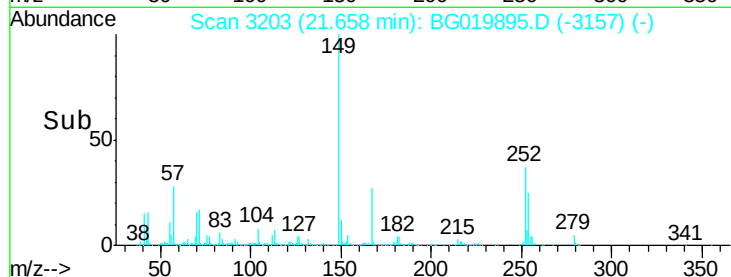
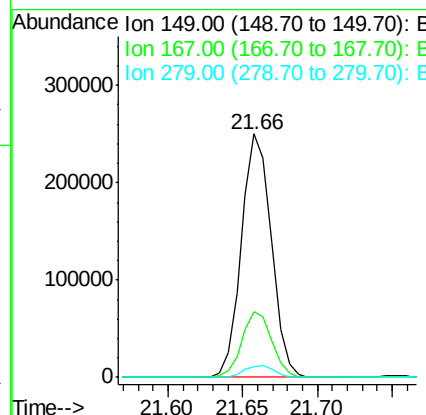
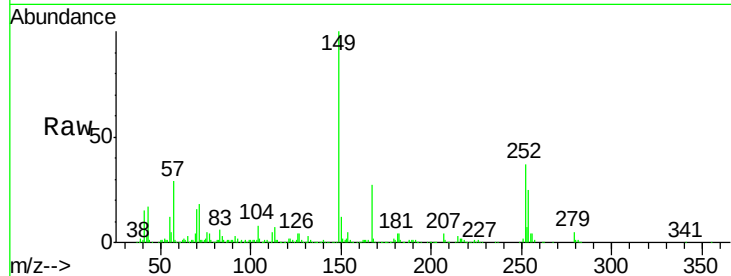




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.85 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.03 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

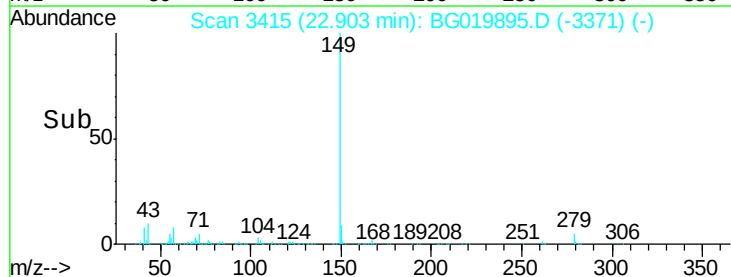
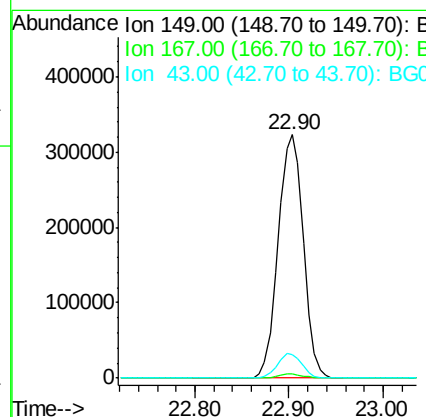
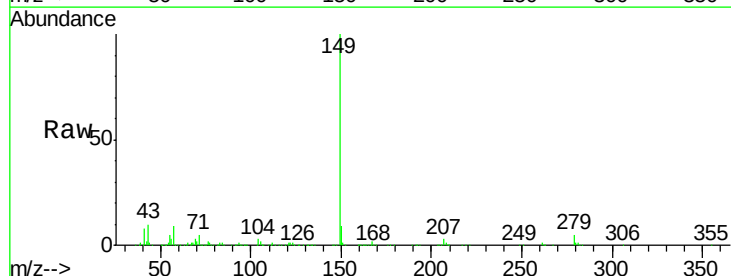
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

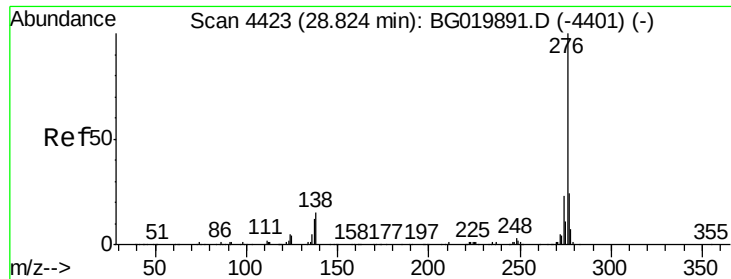
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.8	35.8
279	4.6	3.4	5.2



#84
 Di-n-octyl phthalate
 Concen: 40.82 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.04 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.8	5.9	8.9#

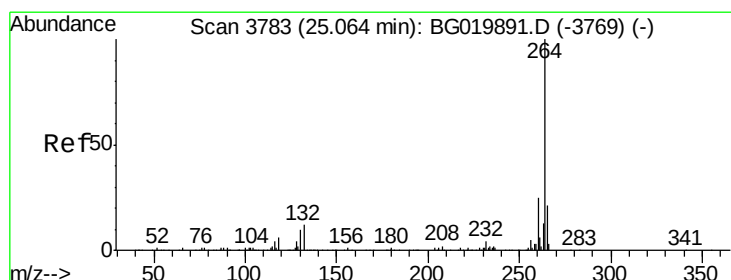
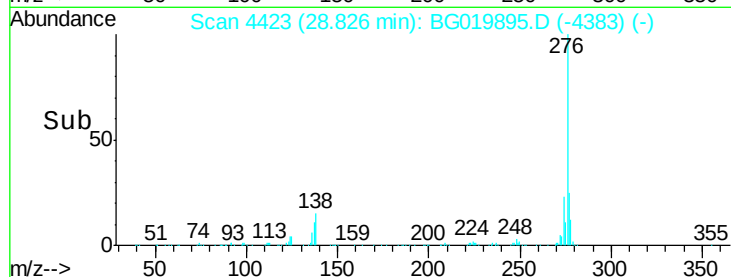
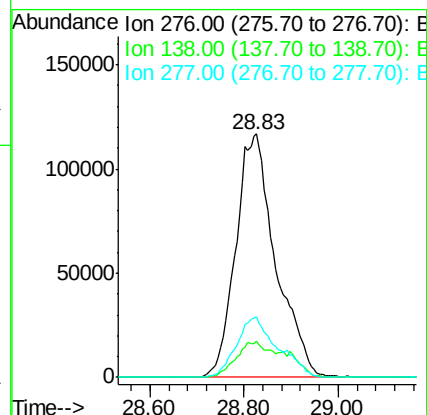
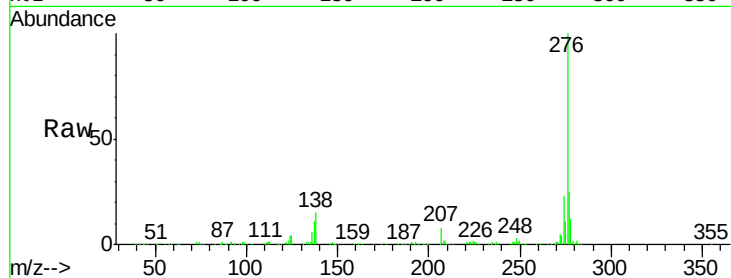




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.61 ng
 RT: 28.83 min Scan# 4423
 Delta R.T. -0.06 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

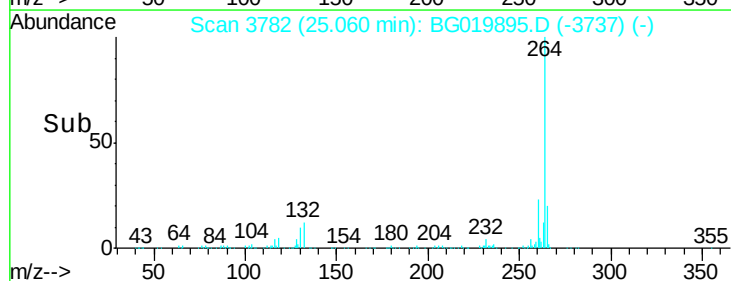
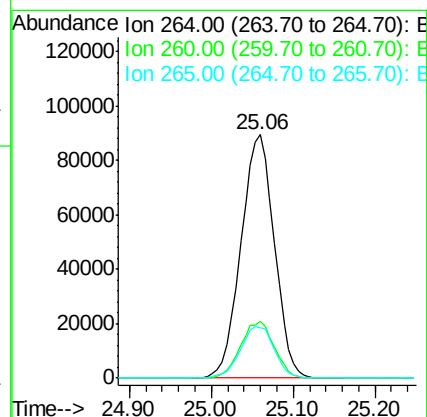
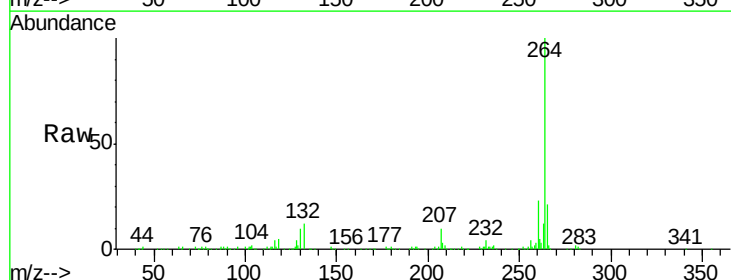
Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

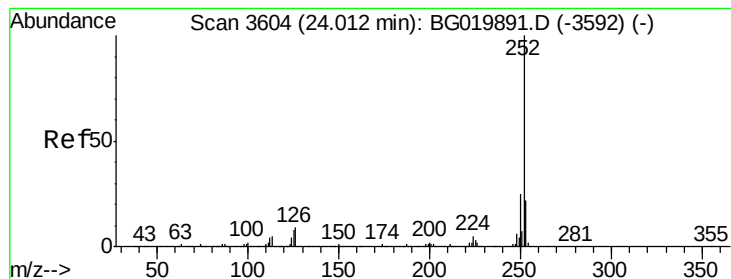
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	0.0	0.0#
277	25.5	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.03 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.65 ng

RT: 24.01 min Scan# 3604

Delta R.T. -0.03 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015MS

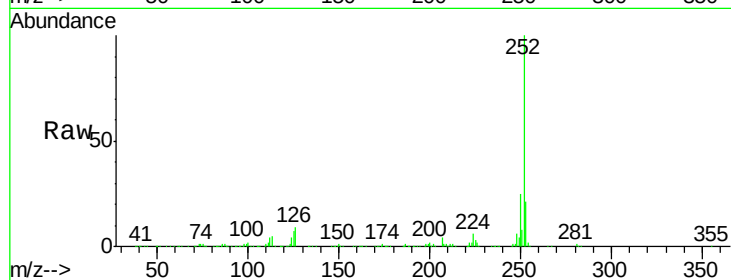
Tot Ion:252 Resp: 605076

Ion Ratio Lower Upper

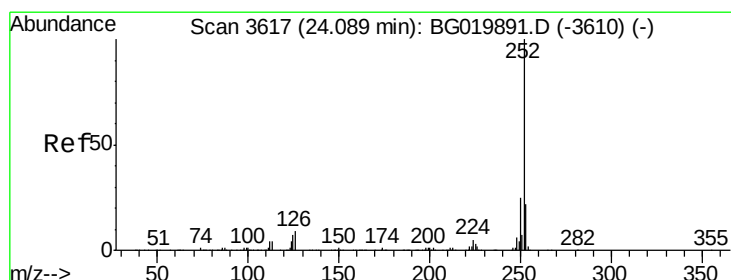
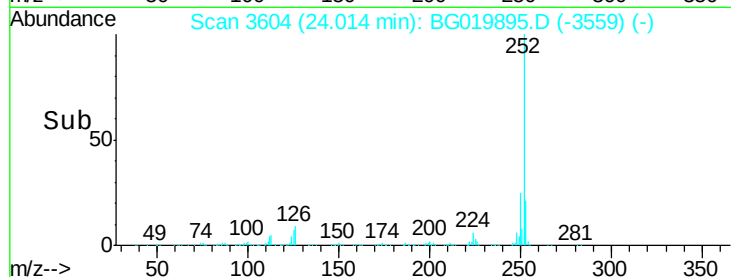
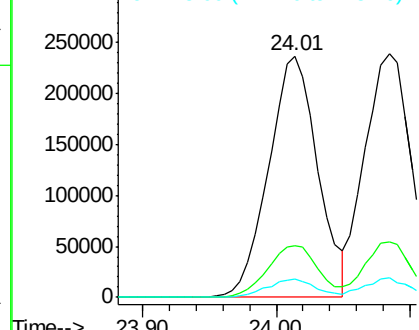
252 100

253 21.5 19.1 28.7

125 7.4 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: 35.88 ng

RT: 24.08 min Scan# 3616

Delta R.T. -0.03 min

Lab File: BG019895.D

Acq: 4 Dec 2015 7:00

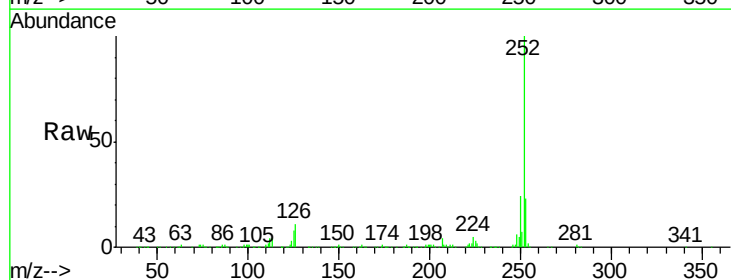
Tgt Ion:252 Resp: 571142

Ion Ratio Lower Upper

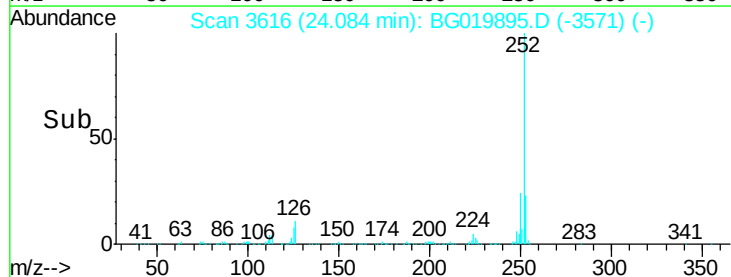
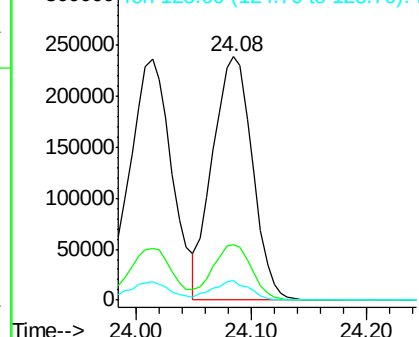
252 100

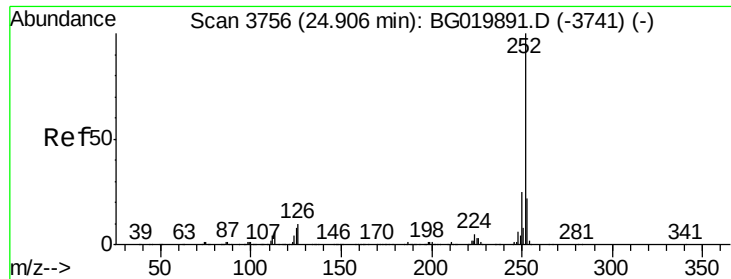
253 22.7 19.0 28.4

125 7.9 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

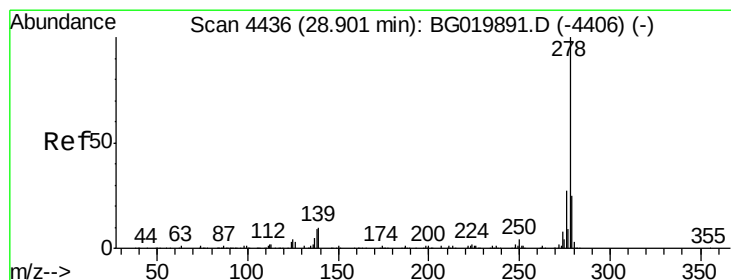
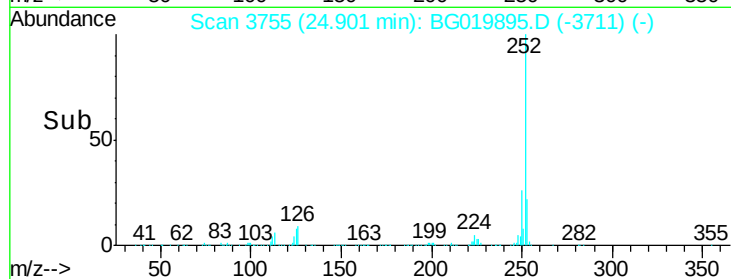
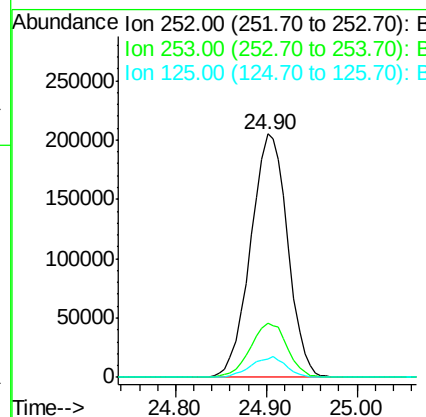
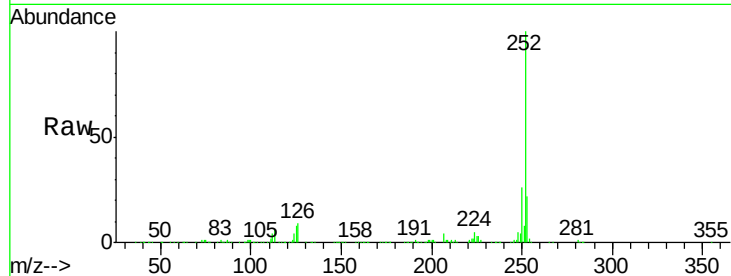




#89
Benzo(a)pyrene
Concen: 37.98 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.04 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

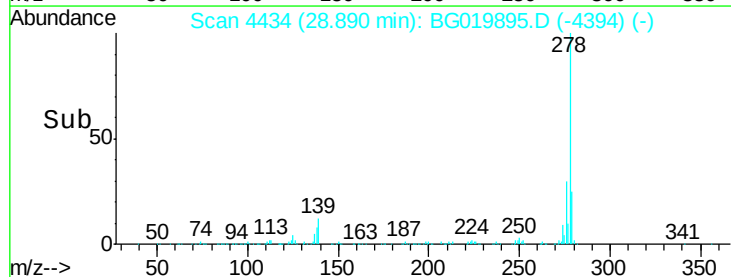
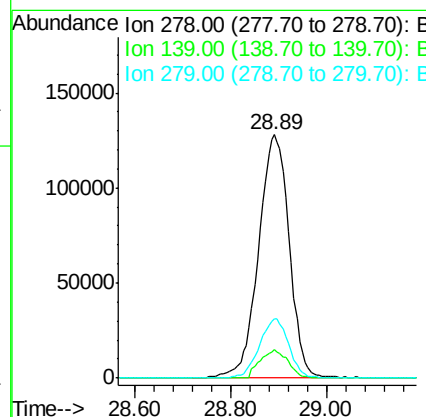
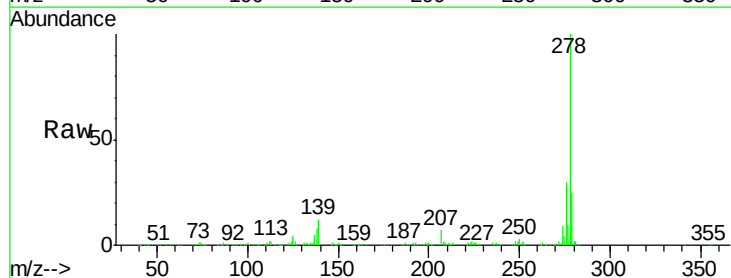
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015MS

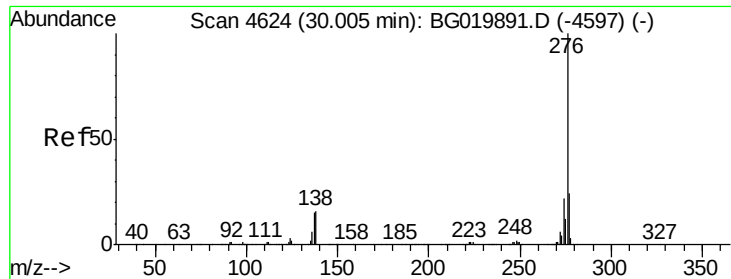
Tot Ion:252 Resp: 579549
Ion Ratio Lower Upper
252 100
253 22.0 18.7 28.1
125 7.8 9.1 13.7#



#90
Dibenzo(a,h)anthracene
Concen: 37.71 ng
RT: 28.89 min Scan# 4434
Delta R.T. -0.06 min
Lab File: BG019895.D
Acq: 4 Dec 2015 7:00

Tgt Ion:278 Resp: 568409
Ion Ratio Lower Upper
278 100
139 11.6 13.8 20.6#
279 24.6 19.4 29.0

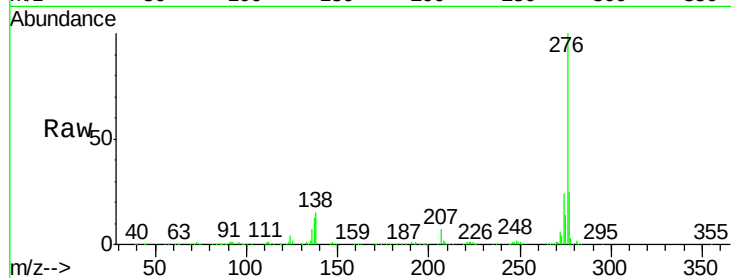




#91
 Benzo(a,h,i)perylene
 Concen: 38.20 ng
 RT: 30.00 min Scan# 4622
 Delta R.T. -0.08 min
 Lab File: BG019895.D
 Acq: 4 Dec 2015 7:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	15.1	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

