

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019896.D
 Acq On : 4 Dec 2015 7:38
 Operator : UM/NP
 Sample : G4609-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 04 10:45:08 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	27292	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	119629	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	85408	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	219323	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	260132	20.00	ng	-0.02
86) Perylene-d12	25.05	264	244437	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	244666	162.03	ng	0.00
7) Phenol-d6	7.27	99	364766	159.99	ng	0.00
23) Nitrobenzene-d5	9.29	82	237726	101.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	180770	138.33	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	564770	90.29	ng	-0.01
78) Terphenyl-d14	20.10	244	943098	88.43	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	24439	41.54	ng	# 100
3) Pyridine	3.93	79	56118	31.41	ng	# 88
4) n-Nitrosodimethylamine	3.84	42	41597	44.27	ng	# 85
6) Aniline	7.44	93	92296	31.26	ng	# 86
8) 2-Chlorophenol	7.68	128	95393	51.81	ng	# 92
9) Benzaldehyde	7.25	77	36826	24.22	ng	# 91
10) Phenol	7.29	94	138852	57.87	ng	# 80
11) bis(2-Chloroethyl)ether	7.53	93	89025	50.10	ng	# 86
12) 1,3-Dichlorobenzene	8.01	146	96442	46.21	ng	# 91
13) 1,4-Dichlorobenzene	8.16	146	98550	45.72	ng	# 96
14) 1,2-Dichlorobenzene	8.47	146	97398	47.37	ng	# 93
15) Benzyl Alcohol	8.36	79	106318	53.14	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	138187	47.68	ng	# 91
17) 2-Methylphenol	8.55	107	90816	53.61	ng	# 90
18) Hexachloroethane	9.21	117	36757	45.54	ng	# 91
19) n-Nitroso-di-n-propylamine	8.93	70	85476	47.54	ng	# 91
20) 3+4-Methylphenols	8.89	107	128110	53.71	ng	# 93
22) Acetophenone	8.95	105	151555	46.22	ng	# 93
24) Nitrobenzene	9.33	77	128390	50.49	ng	# 90
25) Isophorone	9.85	82	233776	46.52	ng	# 96
26) 2-Nitrophenol	10.04	139	54777	55.78	ng	# 76
27) 2,4-Dimethylphenol	10.10	122	101984	49.87	ng	# 89
28) bis(2-Chloroethoxy)methane	10.34	93	130187	53.02	ng	# 97
29) 2,4-Dichlorophenol	10.58	162	113682	54.42	ng	# 98
30) 1,2,4-Trichlorobenzene	10.80	180	110924	46.98	ng	# 99
31) Naphthalene	10.99	128	313653	48.94	ng	# 99
32) Benzoic acid	10.20	122	47452	36.13	ng	# 88
33) 4-Chloroaniline	11.09	127	51111	18.10	ng	# 93
34) Hexachlorobutadiene	11.28	225	77586	44.55	ng	# 96
35) Caprolactam	11.87	113	22527	28.97	ng	# 71
36) 4-Chloro-3-methylphenol	12.20	107	129221	49.67	ng	# 96
37) 2-Methylnaphthalene	12.59	142	239438	50.98	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	146803	45.29	ng	# 98
40) Hexachlorocyclopentadiene	12.93	237	168194	91.01	ng	# 98

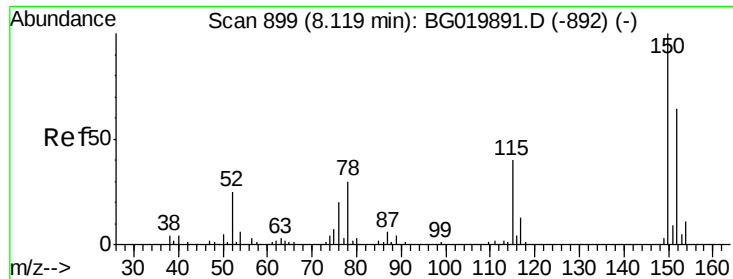
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	104327	48.62	nq	99
43) 2,4,5-Trichlorophenol	13.26	196	116206	51.24	nq	95
45) 1,1'-Biphenyl	13.59	154	315151	44.96	nq	99
46) 2-Chloronaphthalene	13.63	162	255807	47.35	nq	94
47) 2-Nitroaniline	13.83	65	93400	54.74	nq	90
48) Acenaphthylene	14.48	152	433295	47.08	nq	99
49) Dimethylphthalate	14.20	163	453128	58.98	nq	100
50) 2,6-Dinitrotoluene	14.32	165	75901	52.55	nq	# 76
51) Acenaphthene	14.81	154	300564	53.83	nq	99
52) 3-Nitroaniline	14.64	138	54954	36.62	nq	90
53) 2,4-Dinitrophenol	14.85	184	75427	96.03	nq	# 82
54) Dibenzofuran	15.15	168	426426	51.33	nq	95
55) 4-Nitrophenol	14.94	139	131075	100.29	nq	# 63
56) 2,4-Dinitrotoluene	15.10	165	111496	55.32	nq	# 83
57) Fluorene	15.79	166	341557	45.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	110322	52.56	nq	98
59) Diethylphthalate	15.57	149	367879	44.24	nq	99
60) 4-Chlorophenyl-phenylether	15.79	204	190203	44.55	nq	96
61) 4-Nitroaniline	15.81	138	82584	48.93	nq	# 82
62) Azobenzene	16.08	77	353206	51.05	nq	94
64) 4,6-Dinitro-2-methylphenol	15.87	198	63686	51.22	nq	93
65) n-Nitrosodiphenylamine	16.00	169	313211	49.35	nq	98
66) 4-Bromophenyl-phenylether	16.68	248	125338	45.99	nq	97
67) Hexachlorobenzene	16.79	284	137434	48.41	nq	99
68) Atrazine	16.95	200	131269	47.60	nq	96
69) Pentachlorophenol	17.14	266	169556	102.33	nq	97
70) Phenanthrene	17.54	178	579925	46.73	nq	98
71) Anthracene	17.63	178	598404	47.34	nq	96
72) Carbazole	17.89	167	522704	46.94	nq	98
73) Di-n-butylphthalate	18.45	149	617900	45.27	nq	98
74) Fluoranthene	19.54	202	714317	45.01	nq	95
76) Benzidine	19.71	184	83251	9.74	nq	95
77) Pyrene	19.90	202	738172	48.23	nq	96
79) Butylbenzylphthalate	20.78	149	292726	48.80	nq	100
80) Benzo(a)anthracene	21.75	228	742843	46.65	nq	100
81) 3,3'-Dichlorobenzidine	21.66	252	164512	27.13	nq	96
82) Chrysene	21.82	228	680678	45.02	nq	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	416414	47.30	nq	99
84) Di-n-octyl phthalate	22.90	149	707955	49.46	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.83	276	840325	50.46	nq	# 100
87) Benzo(b)fluoranthene	24.01	252	740696	47.81	nq	# 94
88) Benzo(k)fluoranthene	24.08	252	702802	45.81	nq	# 95
89) Benzo(a)pyrene	24.91	252	706078	48.01	nq	# 97
90) Dibenzo(a,h)anthracene	28.90	278	694484	47.79	nq	# 92
91) Benzo(g,h,i)perylene	30.00	276	695646	48.75	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: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

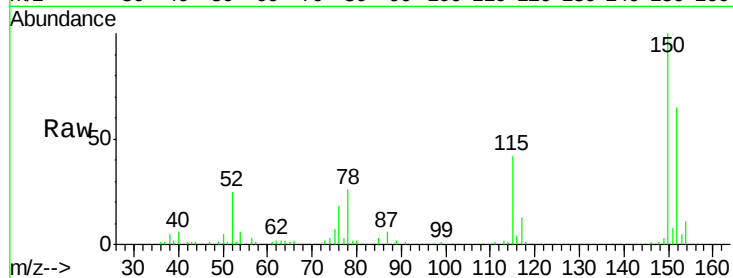
Tot Ion:152 Resp: 27292

Ion Ratio Lower Upper

152 100

150 153.4 115.0 172.4

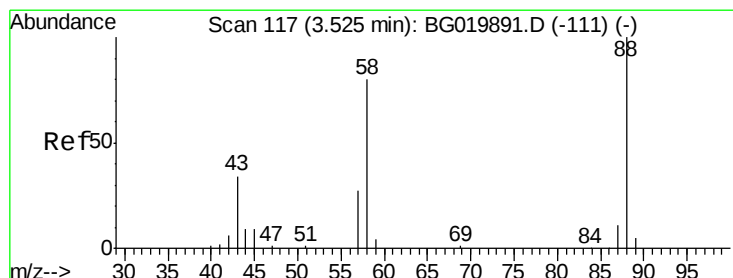
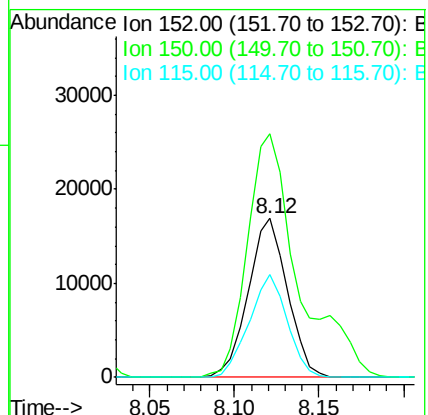
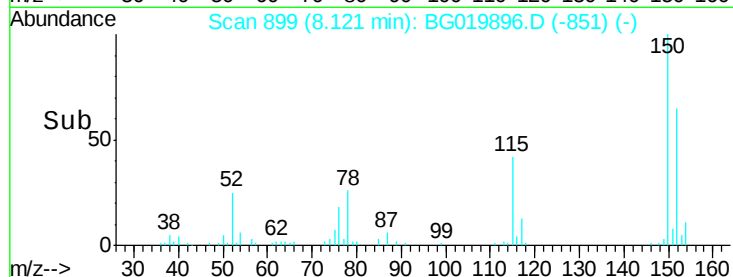
115 64.4 43.9 65.9



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: 41.54 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

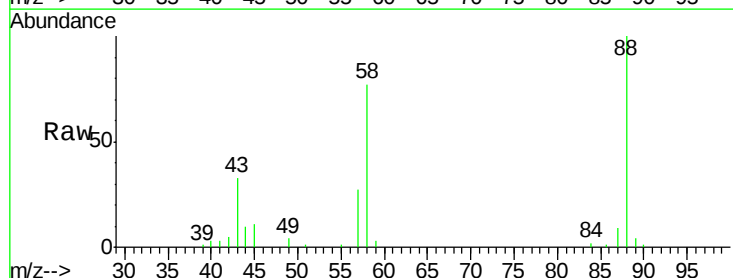
Tgt Ion: 88 Resp: 24439

Ion Ratio Lower Upper

88 100

58 87.2 0.0 0.0#

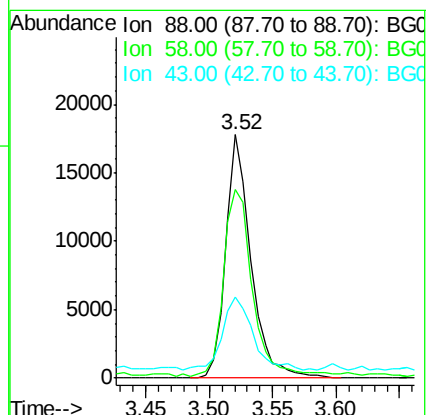
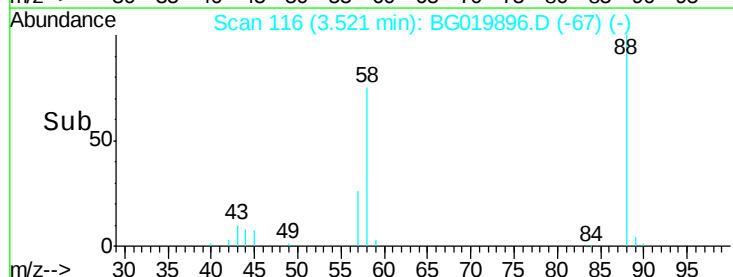
43 37.0 0.0 0.0#

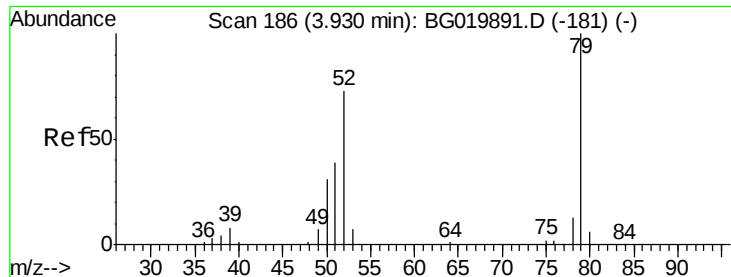


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.41 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

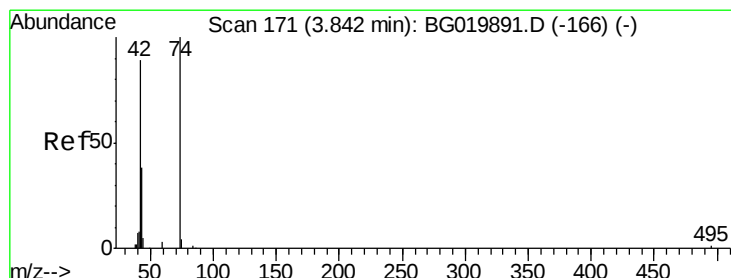
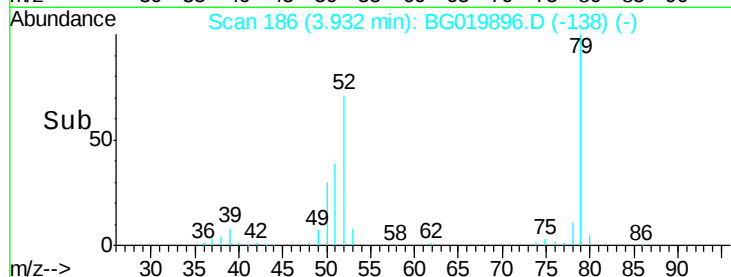
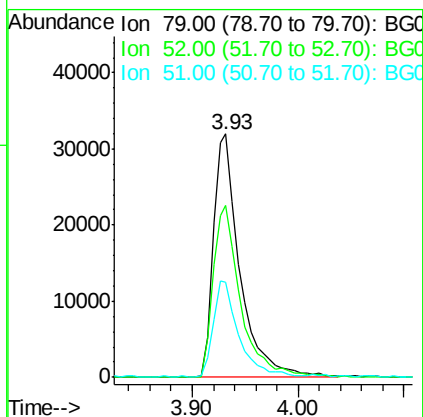
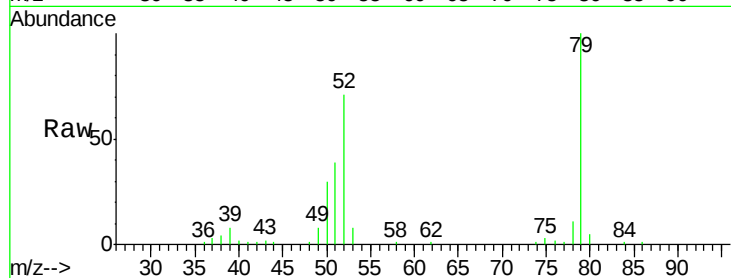
Tot Ion: 79 Resp: 56118

Ion Ratio Lower Upper

79 100

52 70.6 50.3 75.5

51 39.1 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 44.27 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

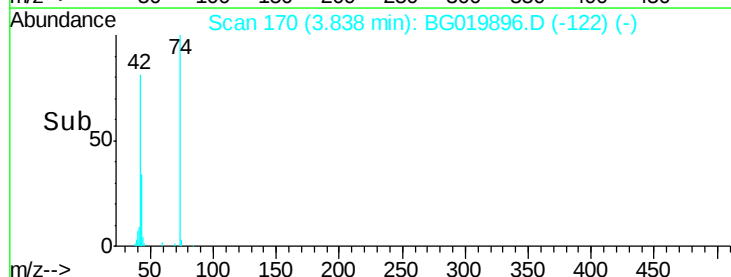
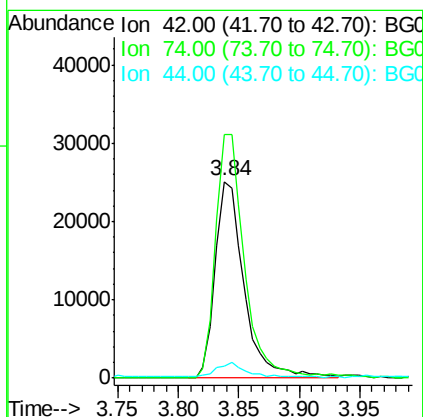
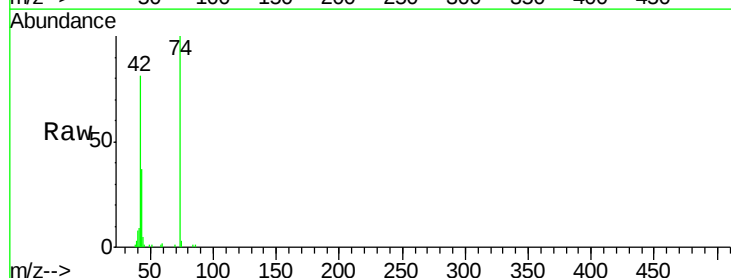
Tgt Ion: 42 Resp: 41597

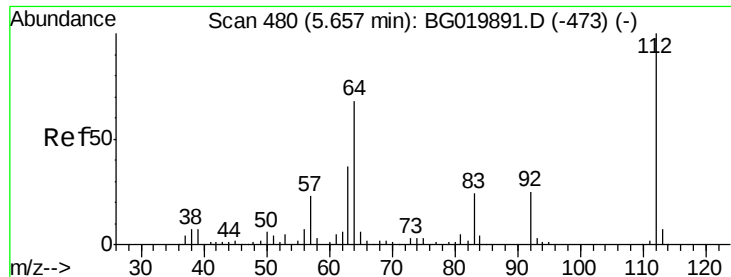
Ion Ratio Lower Upper

42 100

74 123.8 113.9 170.9

44 5.8 5.7 8.5





#5

2-Fluorophenol

Concen: 162.03 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampled :

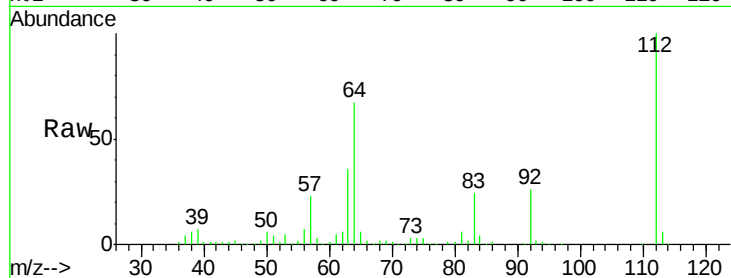
Tot Ion: 112 Resp: 244666

Ion Ratio Lower Upper

112 100

64 67.0 43.7 65.5#

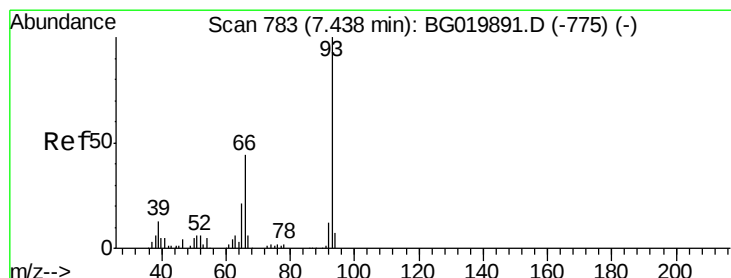
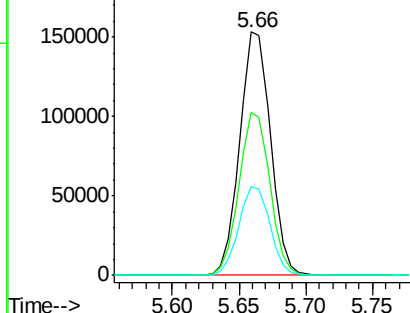
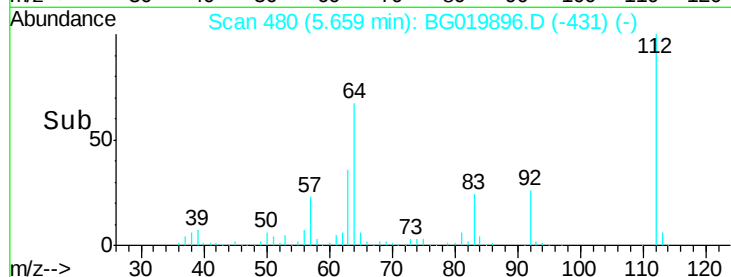
63 36.3 24.0 36.0#



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: 31.26 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

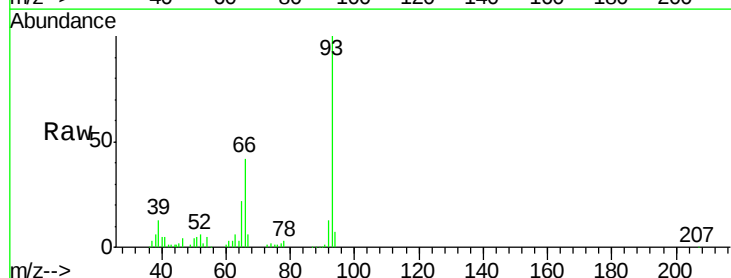
Tgt Ion: 93 Resp: 92296

Ion Ratio Lower Upper

93 100

66 41.7 26.2 39.2#

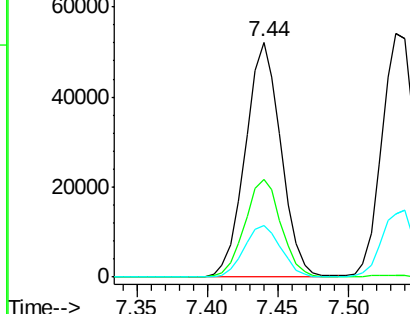
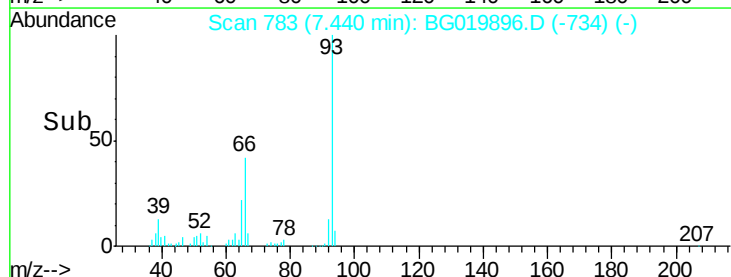
65 21.9 14.0 21.0#

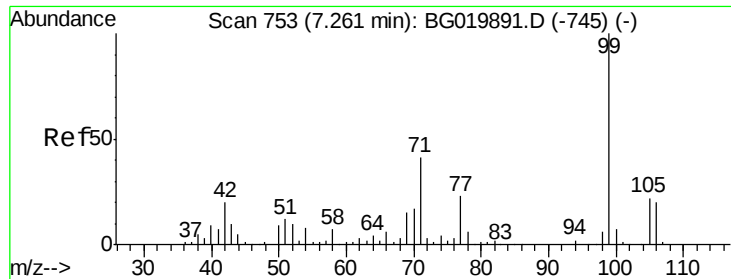


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 159.99 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampled :

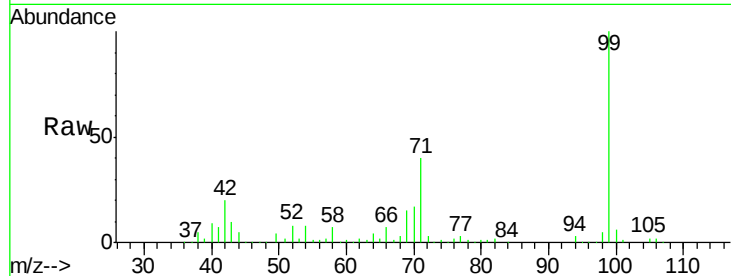
Tot Ion: 99 Resp: 364766

Ion Ratio Lower Upper

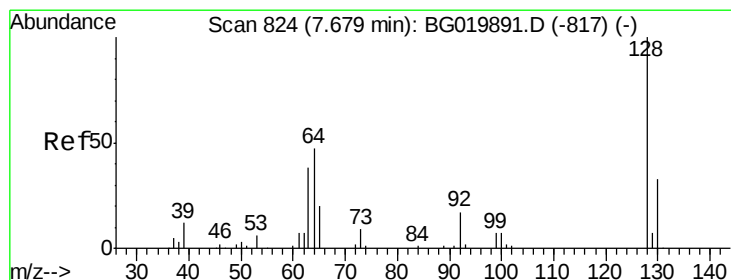
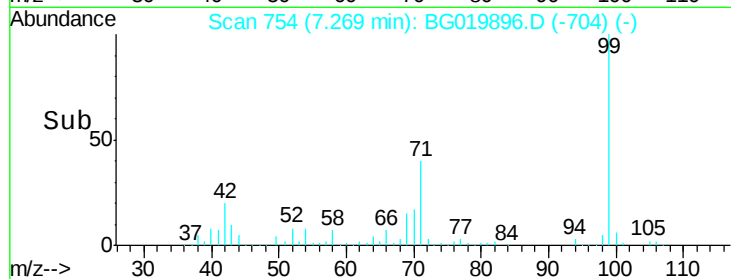
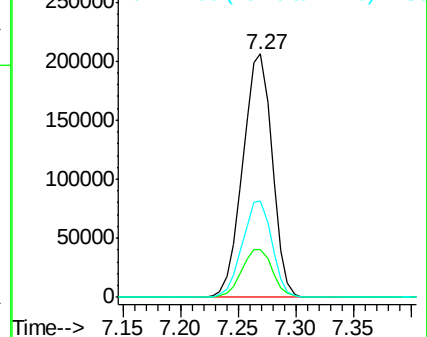
99 100

42 19.7 11.5 17.3#

71 39.8 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: 51.81 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

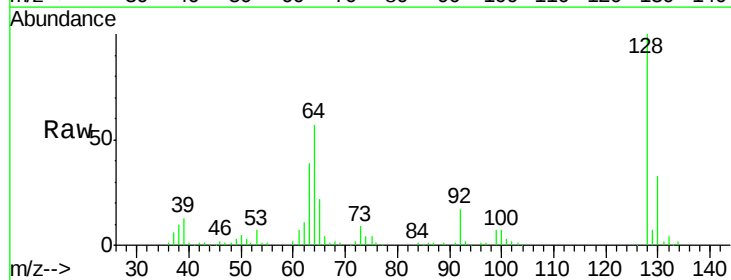
Tgt Ion:128 Resp: 95393

Ion Ratio Lower Upper

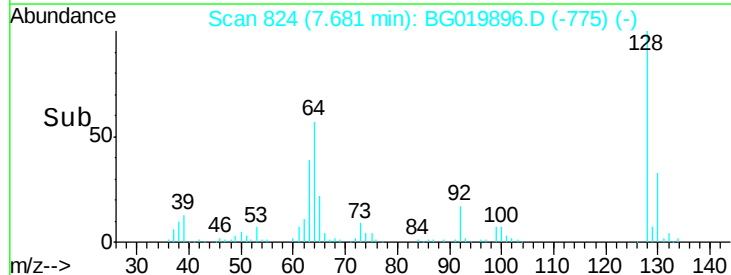
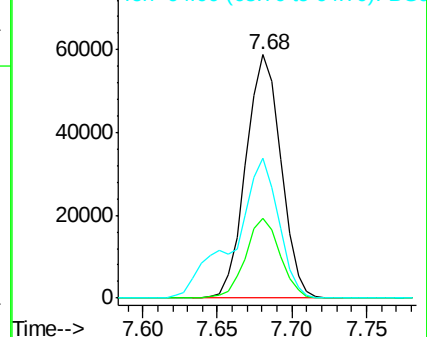
128 100

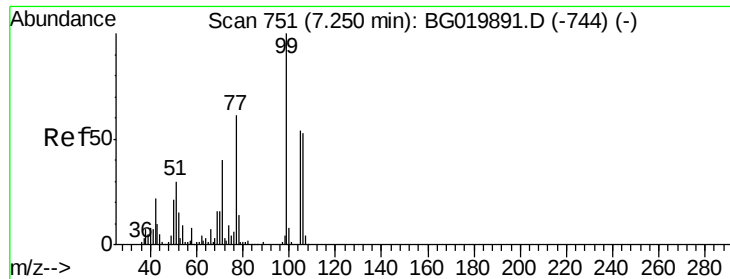
130 32.9 13.0 53.0

64 57.4 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: 24.22 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampled :

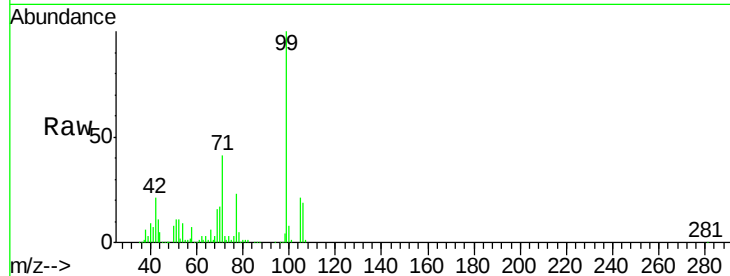
Tot Ion: 77 Resp: 36826

Ion Ratio Lower Upper

77 100

105 90.7 77.7 117.7

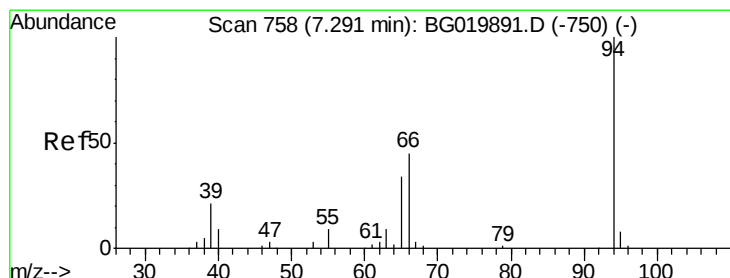
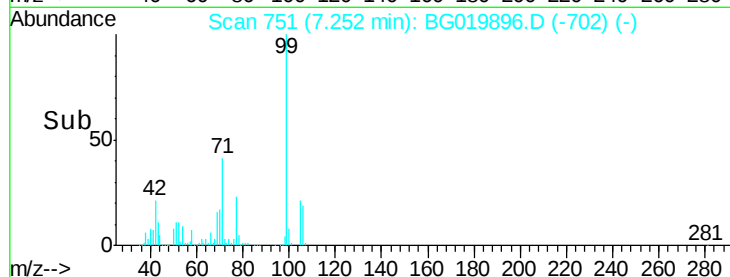
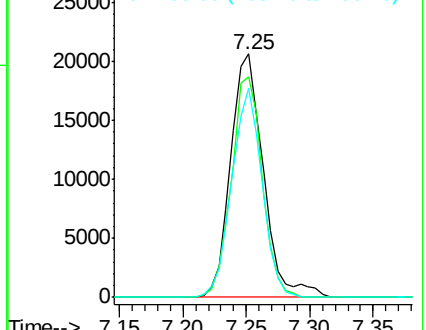
106 85.8 75.8 115.8



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: 57.87 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

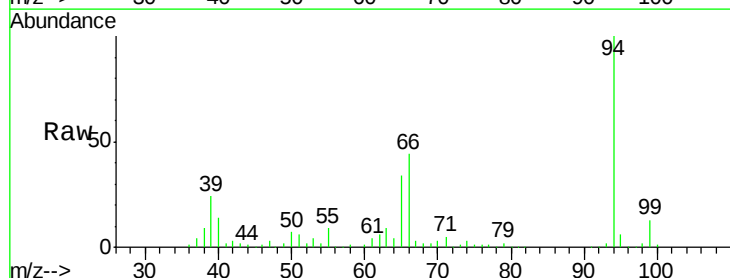
Tgt Ion: 94 Resp: 138852

Ion Ratio Lower Upper

94 100

65 33.8 5.4 45.4

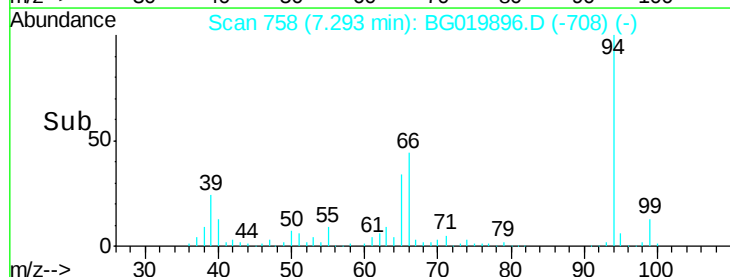
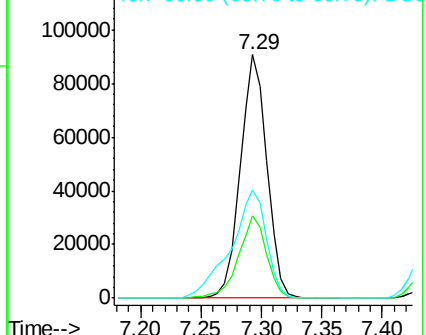
66 44.1 11.8 51.8

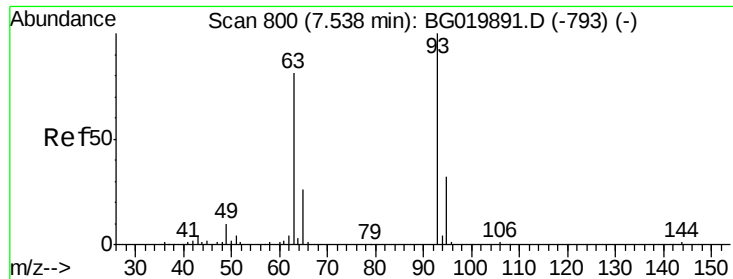


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

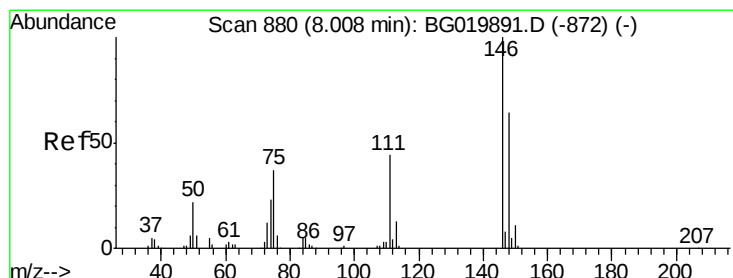
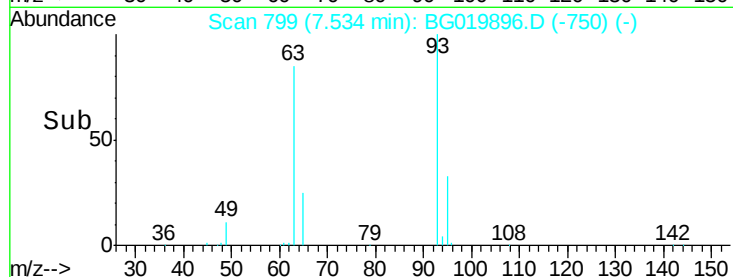
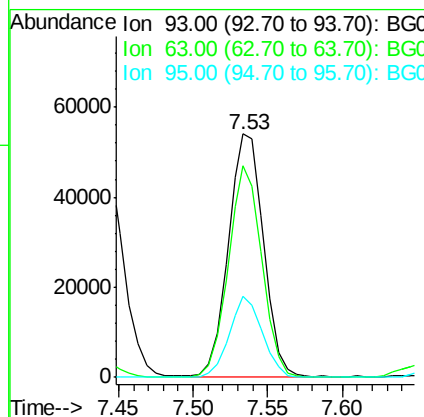
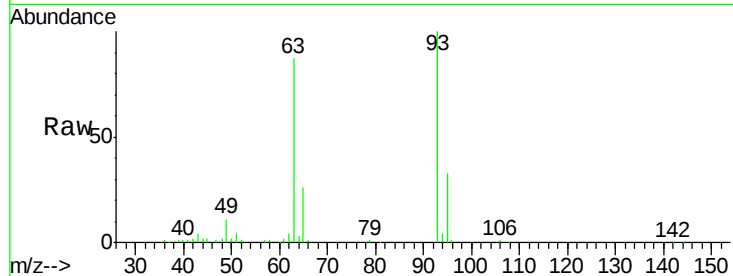




#11
bis(2-Chloroethyl)ether
Concen: 50.10 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

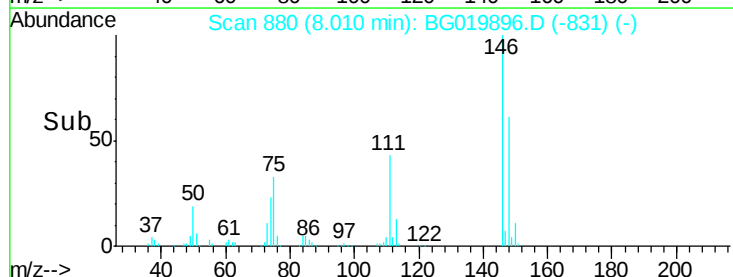
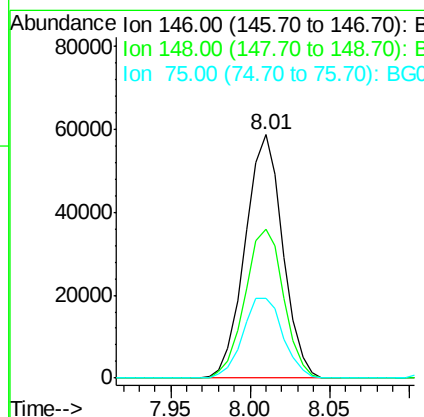
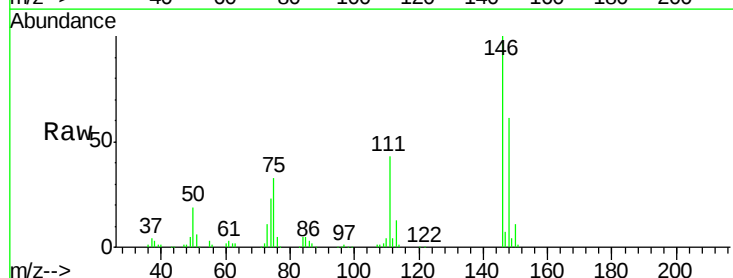
Instrument :
BNA_G
ClientSampleId :

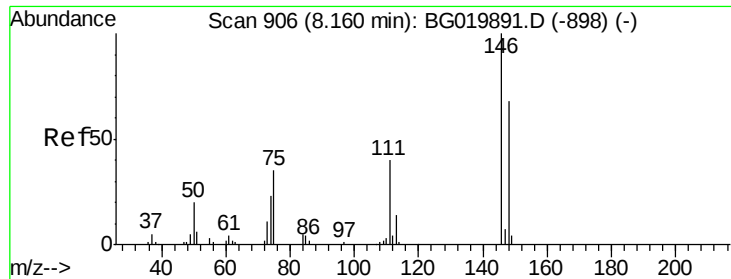
Tot Ion	93	Resp	89025
Ion Ratio	Lower	Upper	
93	100		
63	86.9	50.5	90.5
95	33.4	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 46.21 ng
RT: 8.01 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion	146	Resp	96442
Ion Ratio	Lower	Upper	
146	100		
148	61.0	53.4	80.0
75	32.9	21.1	31.7





#13

1,4-Dichlorobenzene

Concen: 45.72 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampled :

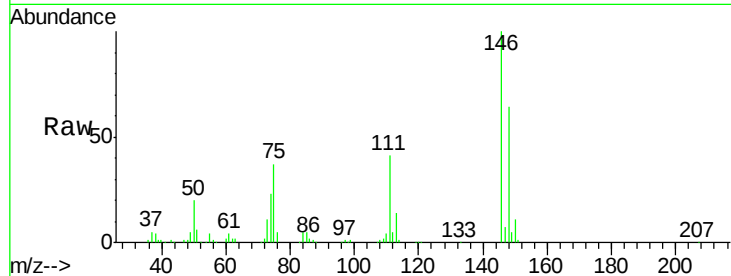
Tot Ion:146 Resp: 98550

Ion Ratio Lower Upper

146 100

148 64.4 52.5 78.7

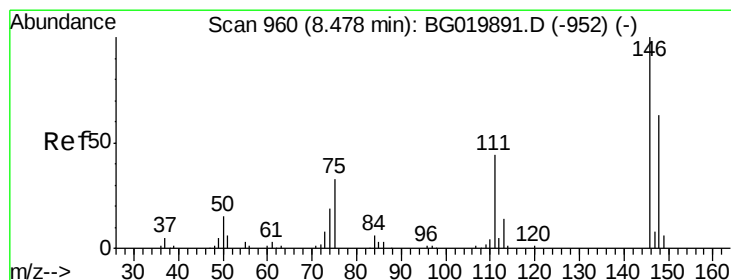
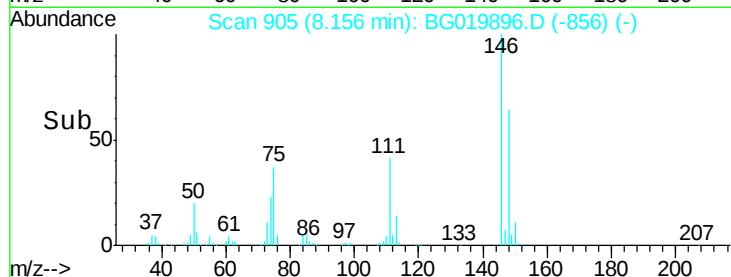
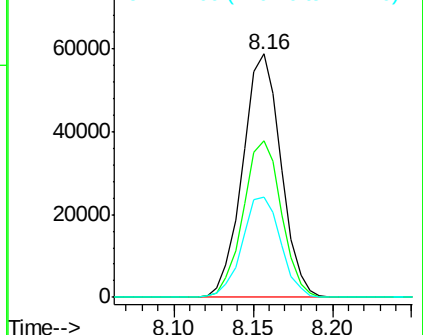
111 41.0 28.3 42.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.37 ng

RT: 8.47 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

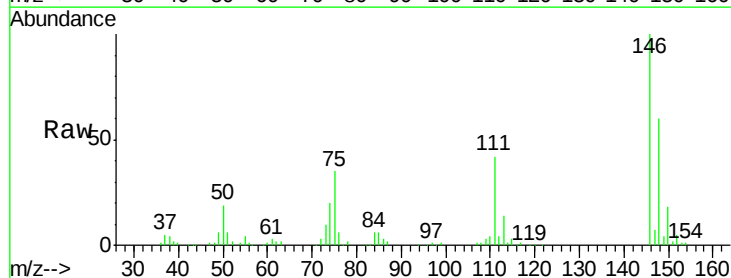
Tgt Ion:146 Resp: 97398

Ion Ratio Lower Upper

146 100

148 59.8 52.5 78.7

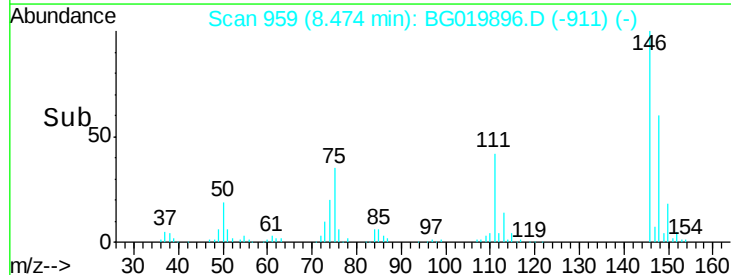
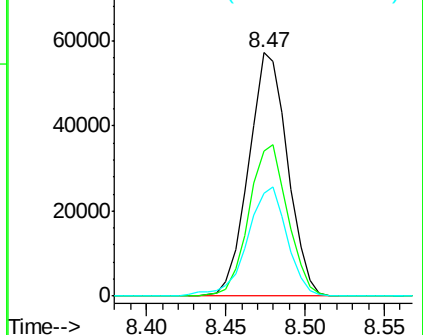
111 42.1 29.9 44.9

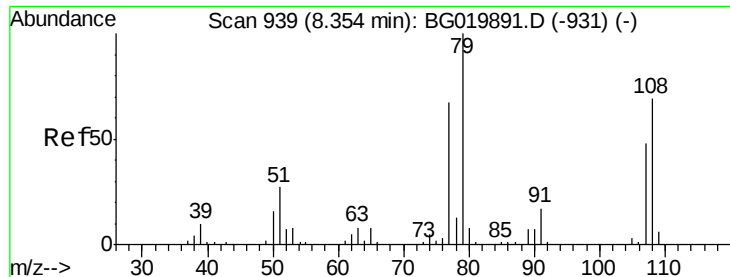


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.14 ng

RT: 8.36 min Scan# 939

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

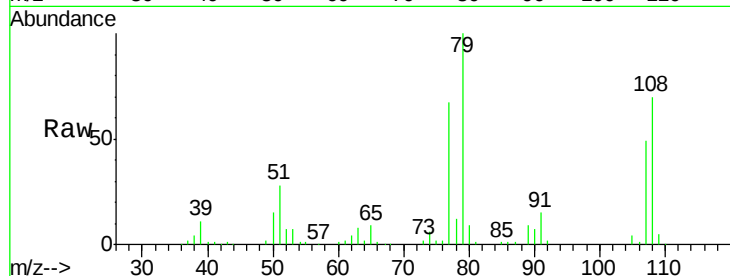
Tot Ion: 79 Resp: 106318

Ion Ratio Lower Upper

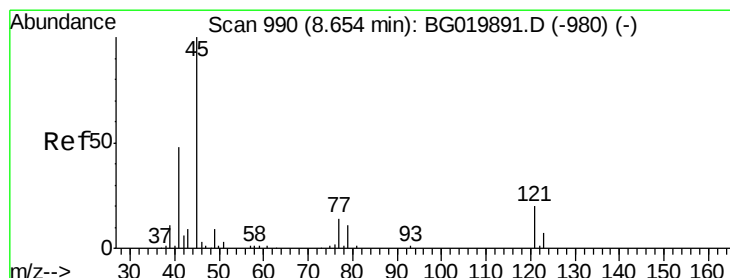
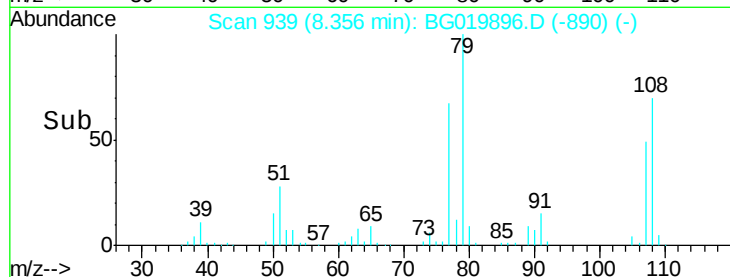
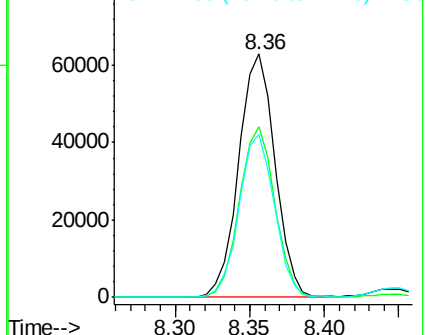
79 100

108 70.1 65.5 98.3

77 67.2 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: 47.68 ng

RT: 8.66 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

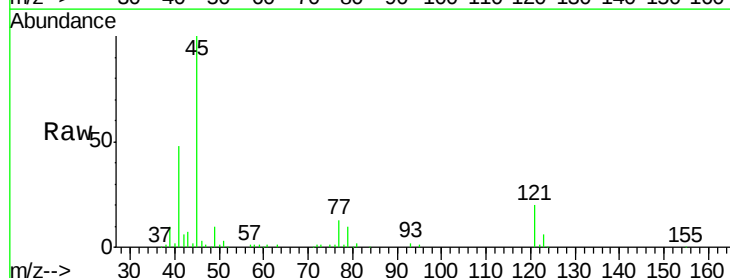
Tgt Ion: 45 Resp: 138187

Ion Ratio Lower Upper

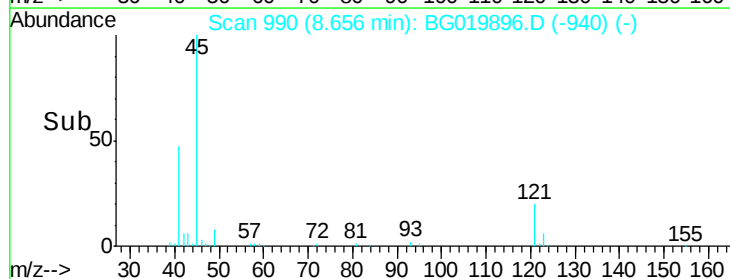
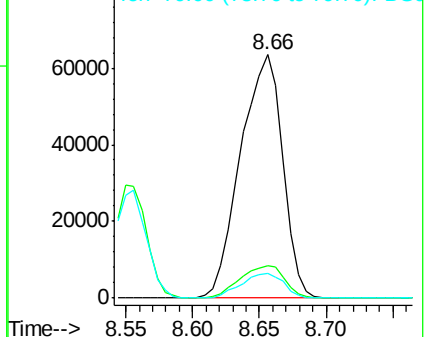
45 100

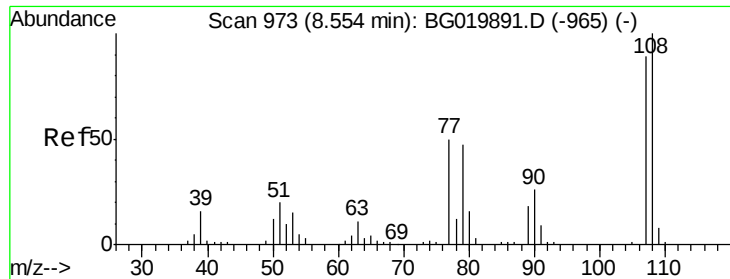
77 13.4 0.0 37.0

79 9.9 0.0 33.8



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

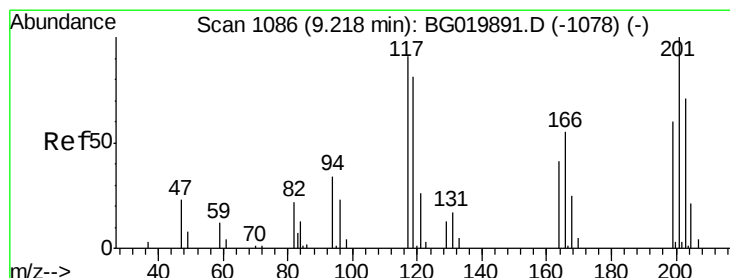
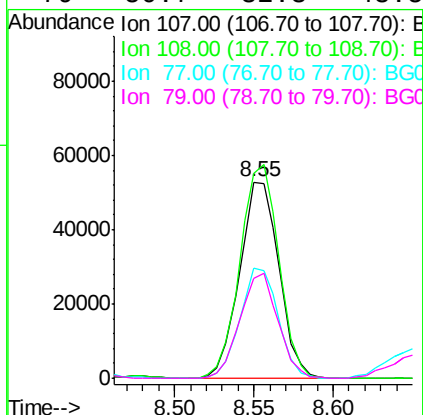
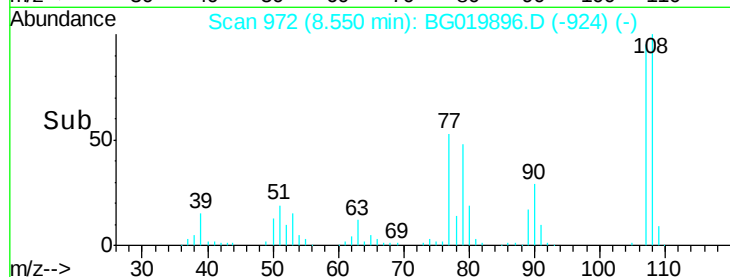
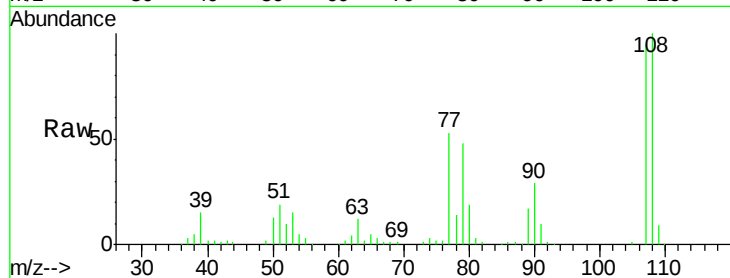




#17
2-Methylphenol
Concen: 53.61 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

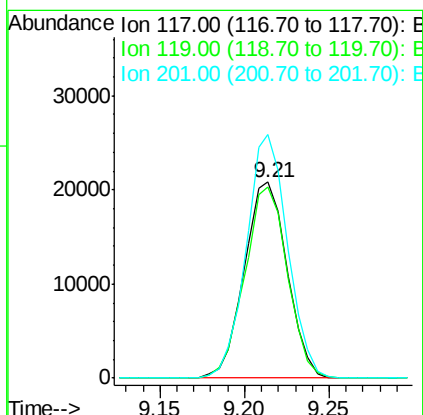
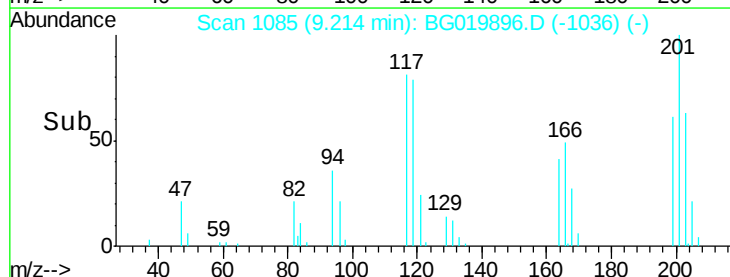
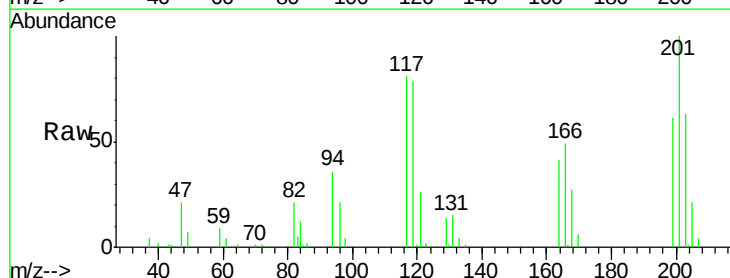
Instrument :
BNA_G
ClientSampled :

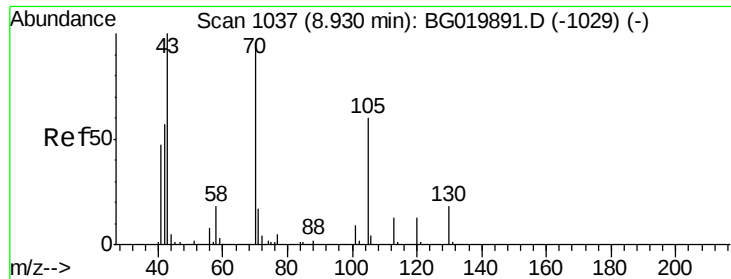
Tot Ion	Ratio	Lower	Upper
107	100		
108	104.8	86.5	129.7
77	56.0	34.6	51.8#
79	50.7	32.3	48.5#



#18
Hexachloroethane
Concen: 45.54 ng
RT: 9.21 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	71.7	107.5
201	124.1	90.9	136.3

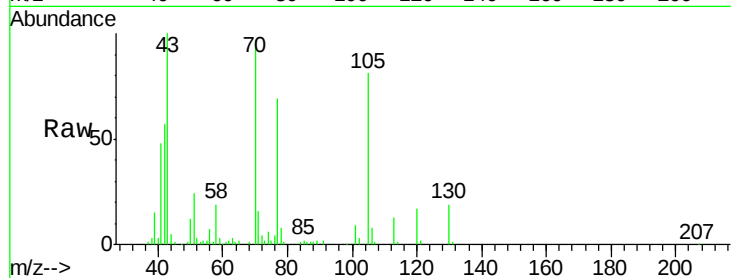




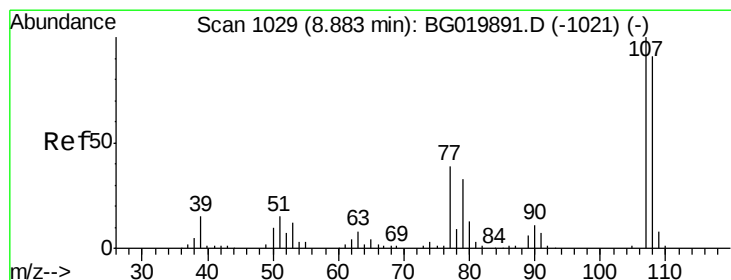
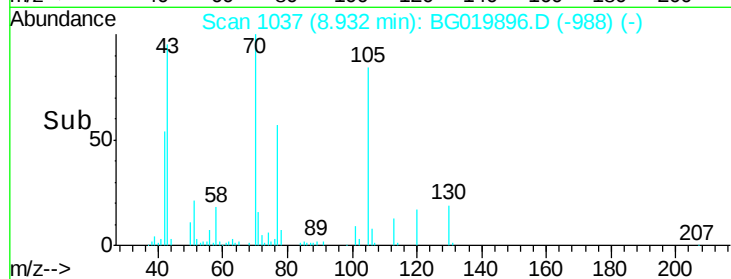
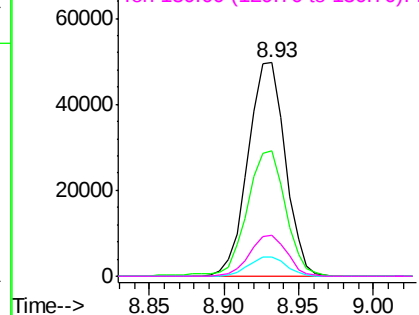
#19
n-Nitroso-di-n-propylamine
Concen: 47.54 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 85476
Ion Ratio Lower Upper
70 100
42 59.0 40.6 60.8
101 8.9 8.6 13.0
130 19.2 17.0 25.6

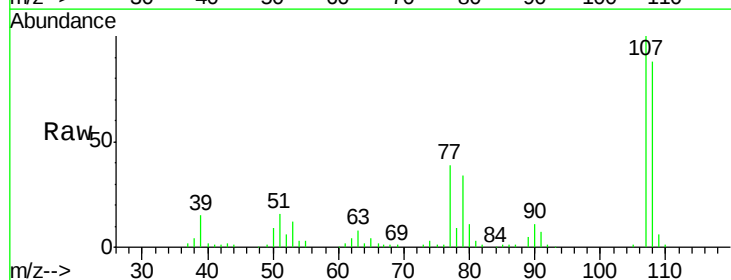


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

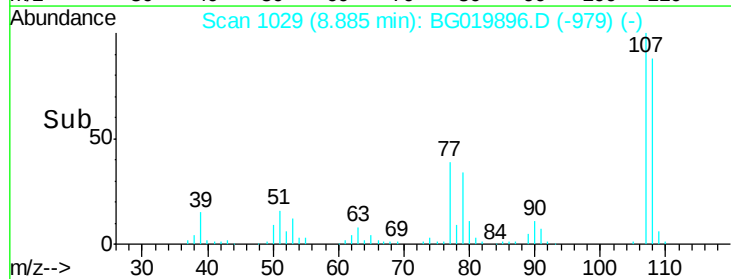
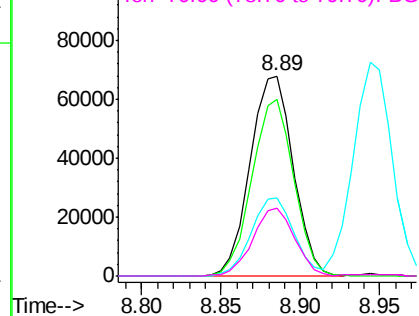


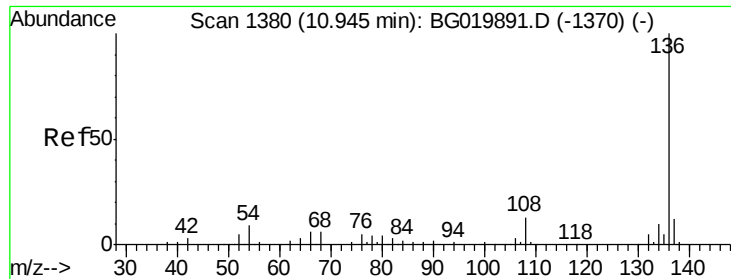
#20
3+4-Methylphenols
Concen: 53.71 ng
RT: 8.89 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:107 Resp: 128110
Ion Ratio Lower Upper
107 100
108 88.1 72.2 112.2
77 38.8 13.4 53.4
79 34.2 7.2 47.2



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

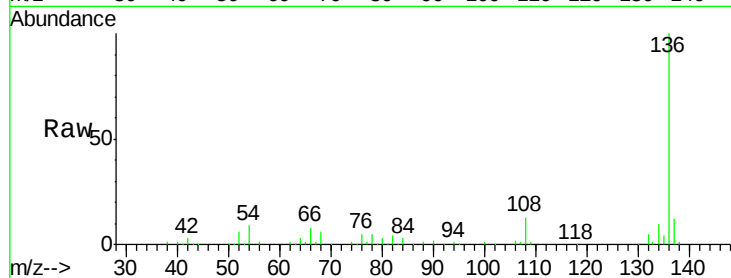




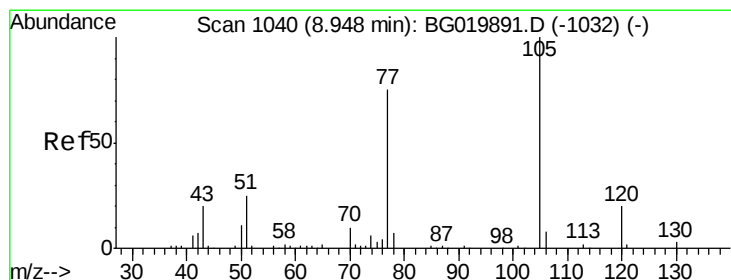
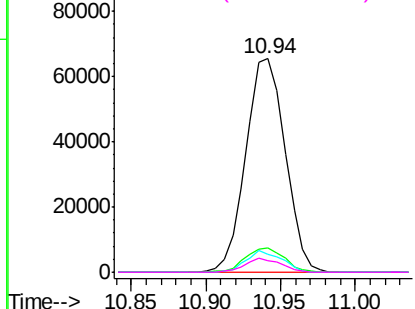
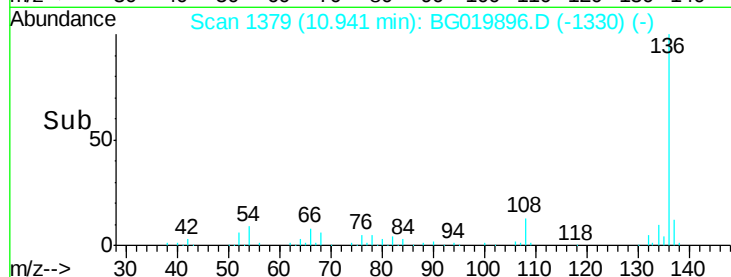
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	119629
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.6 12.8
54	8.7	5.4 8.2#
68	5.7	5.3 7.9

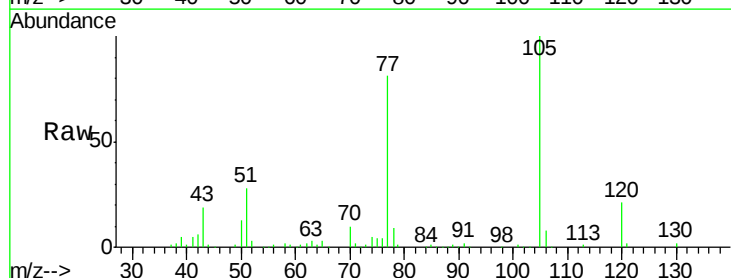


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

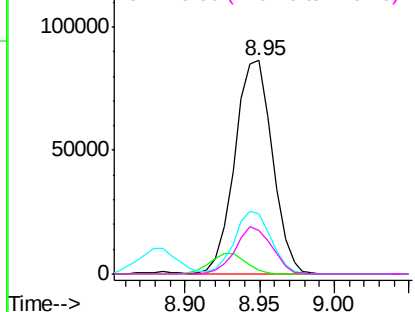
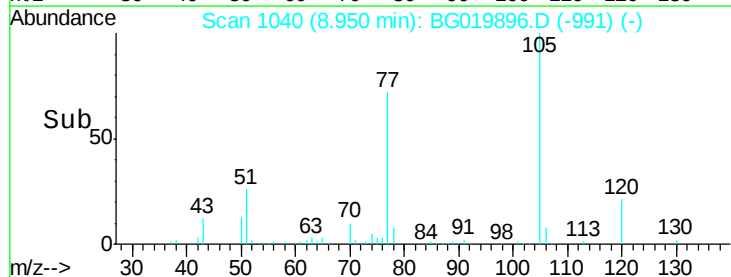


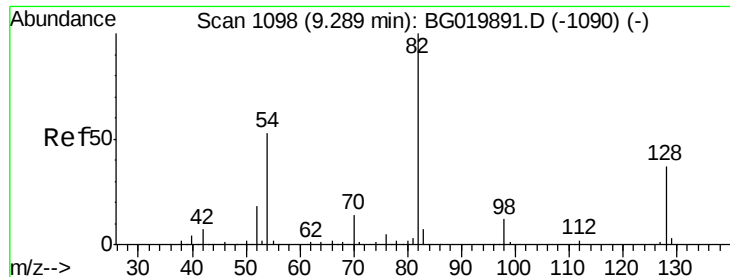
#22
Acetophenone
Concen: 46.22 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:105	Resp:	151555
Ion Ratio	Lower	Upper
105	100	
71	1.6	2.1 3.1#
51	27.9	17.8 26.8#
120	20.5	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

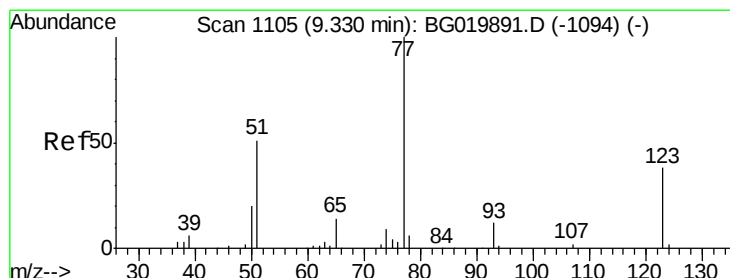
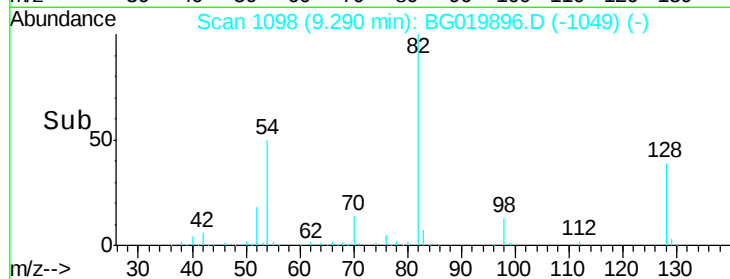
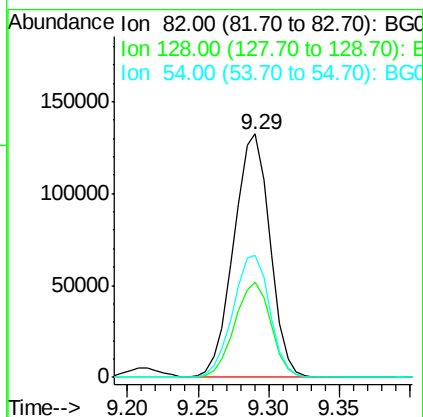
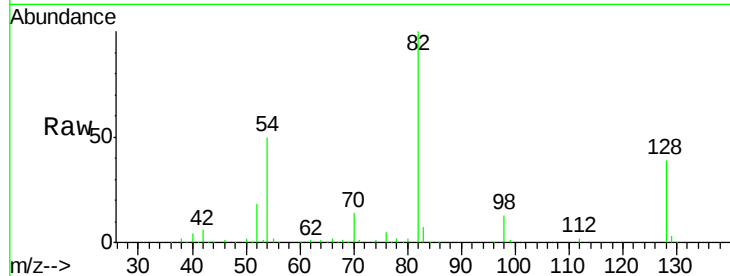




#23
Nitrobenzene-d5
Concen: 101.42 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

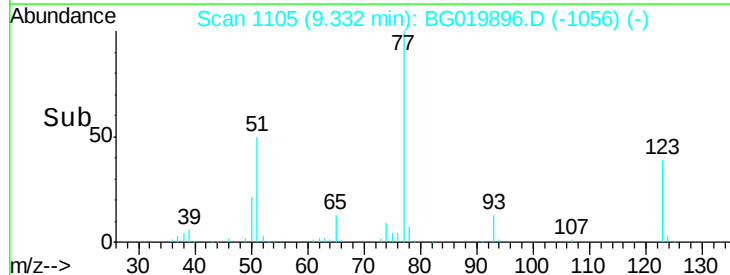
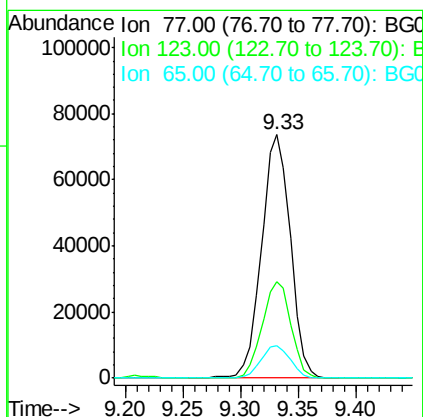
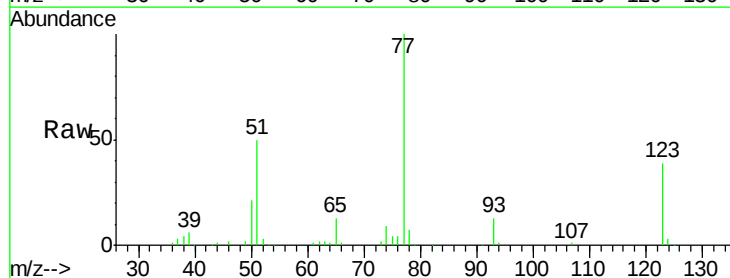
Instrument :
BNA_G
ClientSampleId :

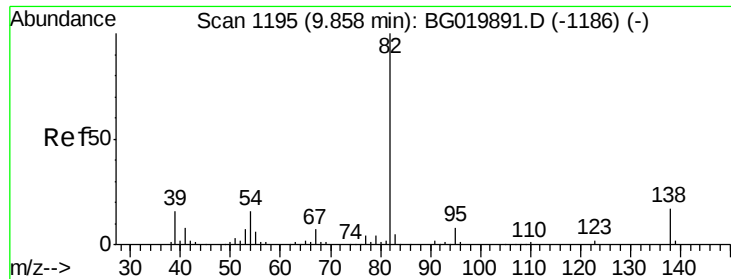
Tot Ion: 82 Resp: 237726
Ion Ratio Lower Upper
82 100
128 39.0 36.7 55.1
54 50.3 33.8 50.8



#24
Nitrobenzene
Concen: 50.49 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion: 77 Resp: 128390
Ion Ratio Lower Upper
77 100
123 39.4 38.2 57.2
65 13.4 10.6 16.0





#25

Isophorone

Concen: 46.52 ng

RT: 9.85 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

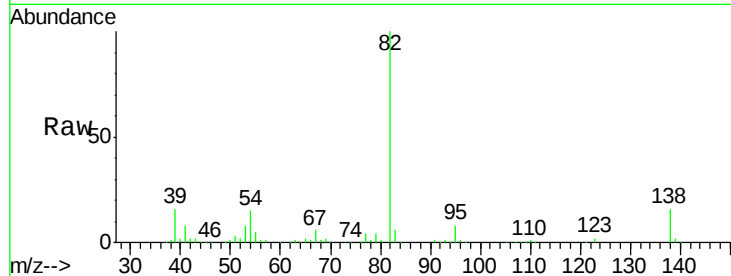
Tot Ion: 82 Resp: 233776

Ion Ratio Lower Upper

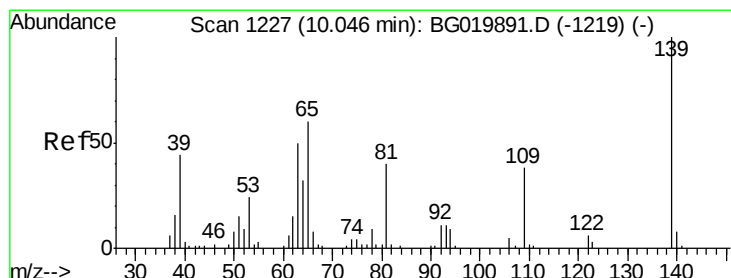
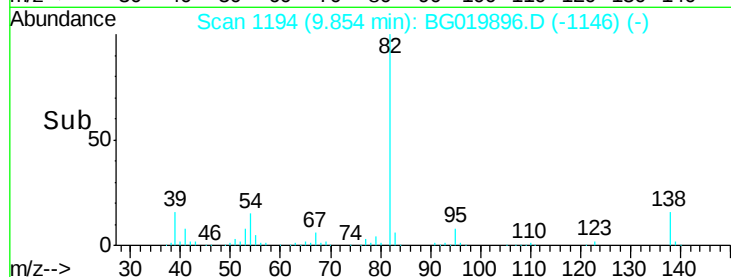
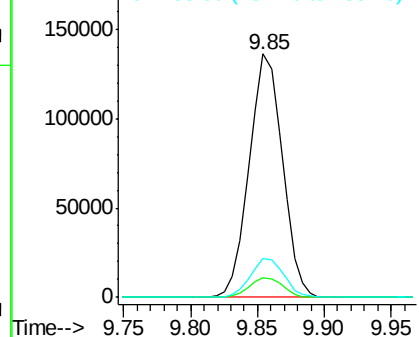
82 100

95 8.0 5.2 7.8#

138 16.0 14.4 21.6



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



#26

2-Nitrophenol

Concen: 55.78 ng

RT: 10.04 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

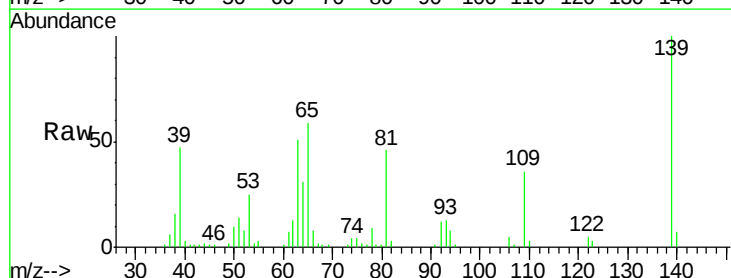
Tgt Ion: 139 Resp: 54777

Ion Ratio Lower Upper

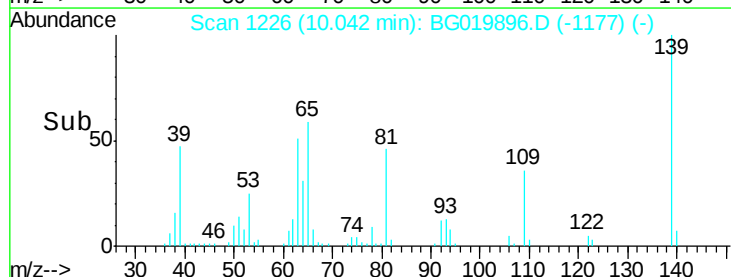
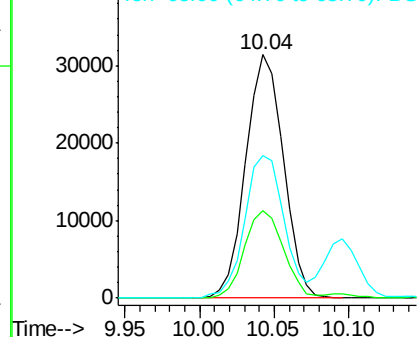
139 100

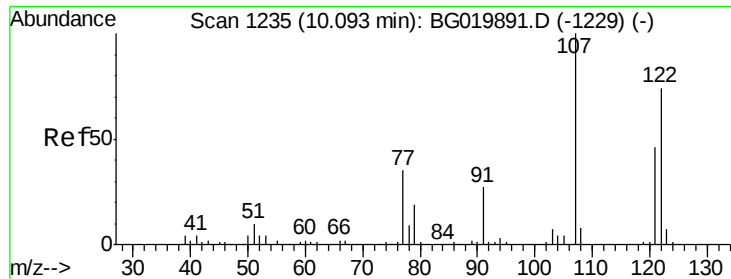
109 35.8 20.1 30.1#

65 58.7 34.1 51.1#



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

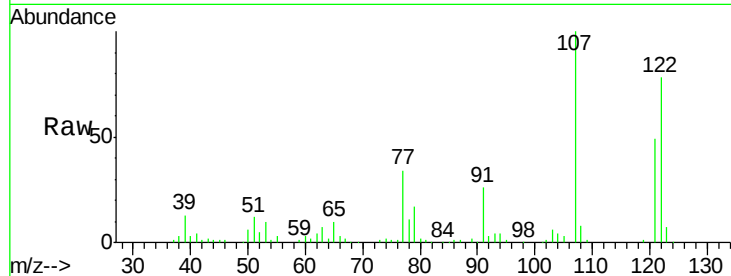




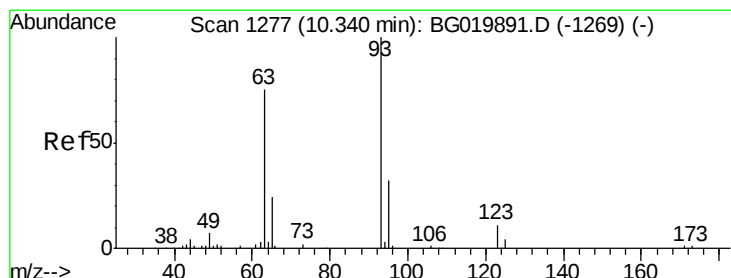
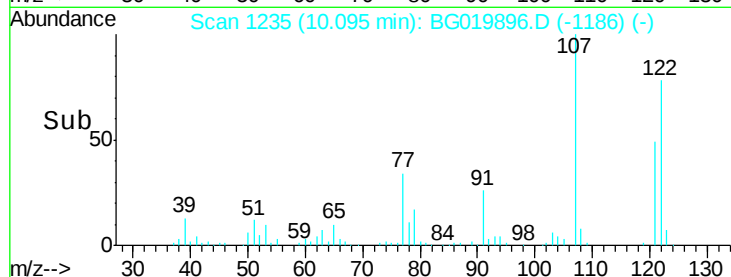
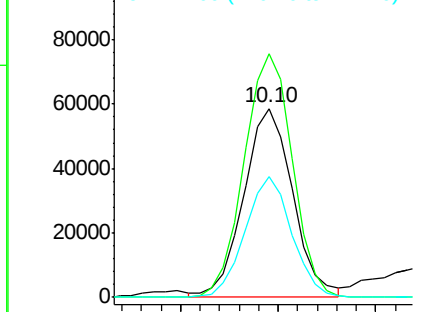
#27
 2,4-Dimethylphenol
 Concen: 49.87 ng
 RT: 10.10 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 101984
 Ion Ratio Lower Upper
 122 100
 107 128.8 91.6 137.4
 121 63.6 47.3 70.9

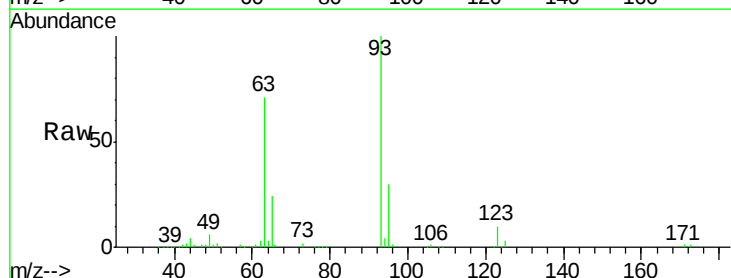


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

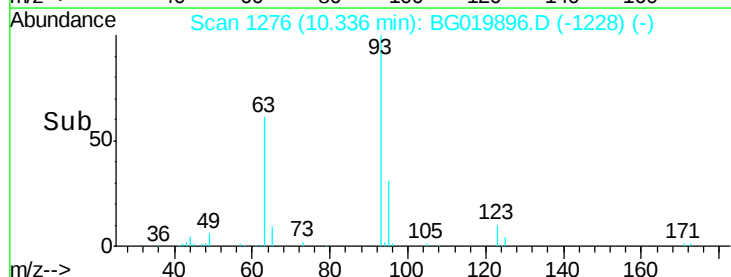
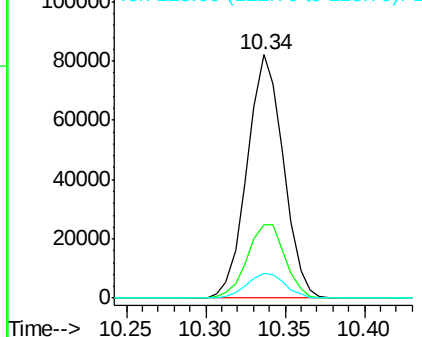


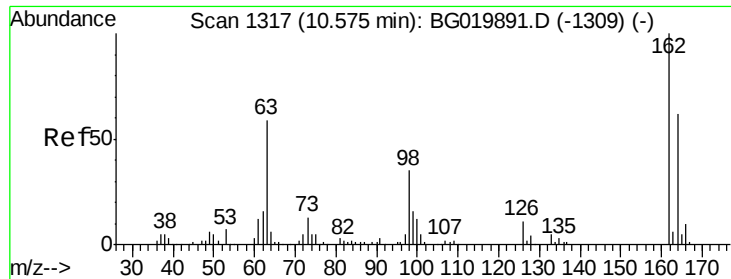
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.02 ng
 RT: 10.34 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion: 93 Resp: 130187
 Ion Ratio Lower Upper
 93 100
 95 30.3 25.7 38.5
 123 10.1 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

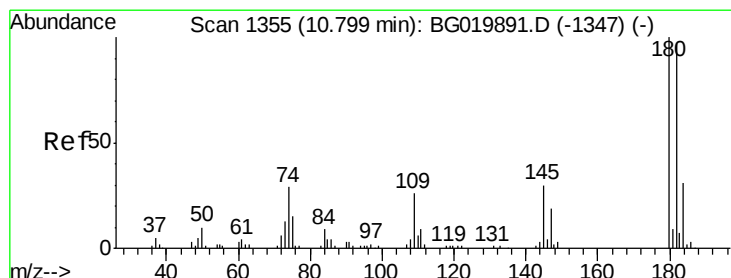
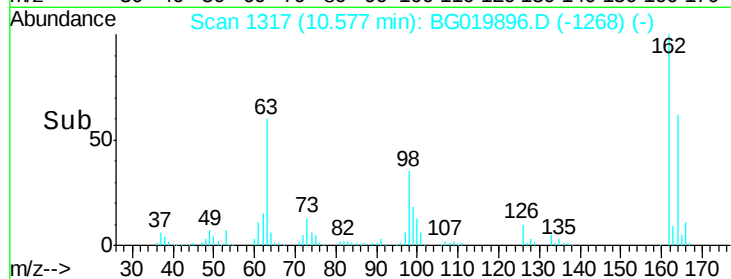
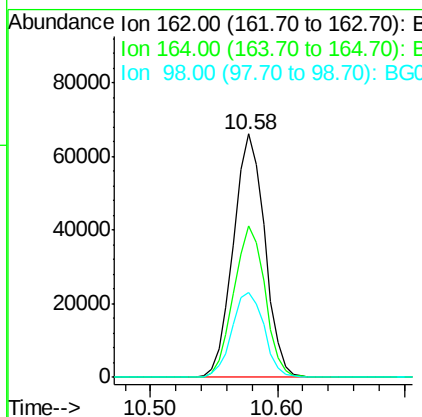
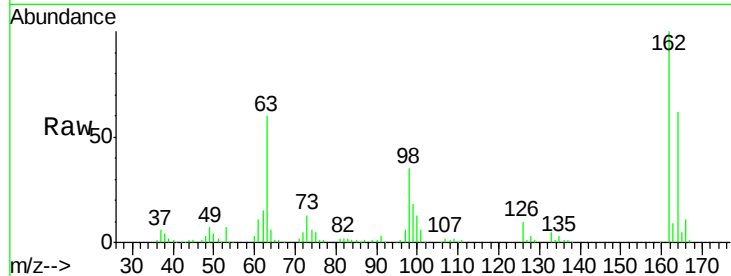




#29
 2,4-Dichlorophenol
 Concen: 54.42 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

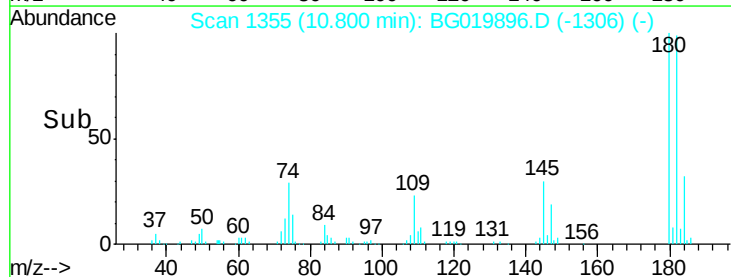
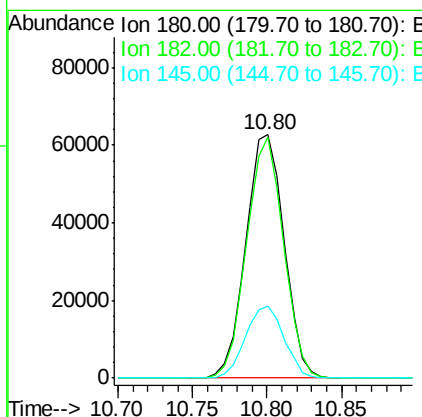
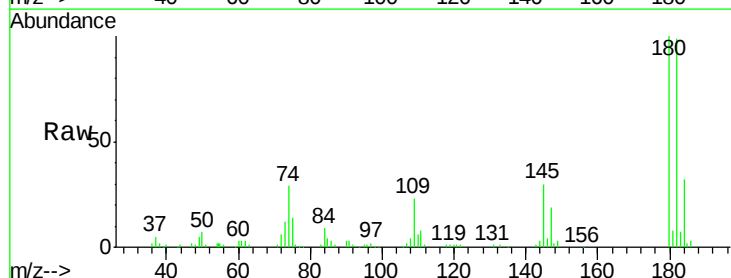
Instrument :
 BNA_G
 ClientSampleId :

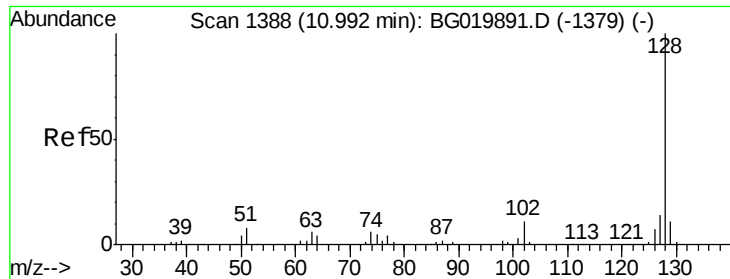
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.3	82.3
98	35.1	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.98 ng
 RT: 10.80 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	79.7	119.5
145	29.9	22.0	33.0

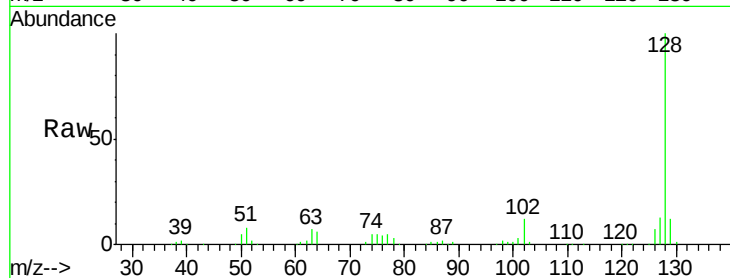




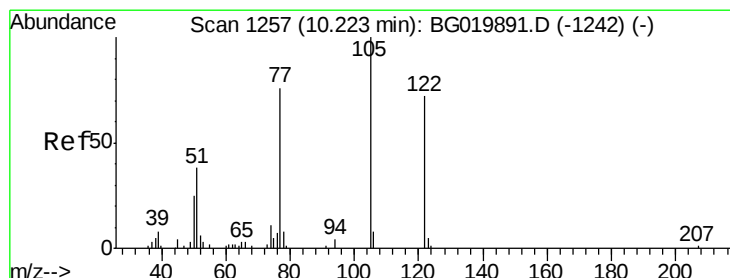
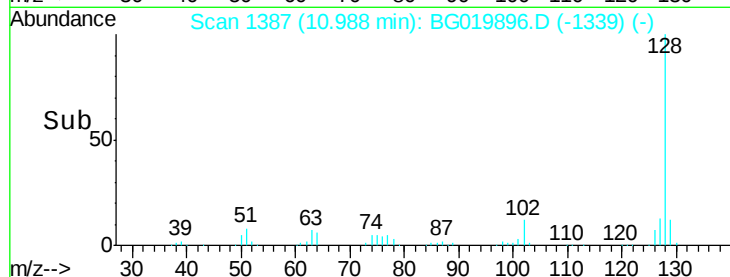
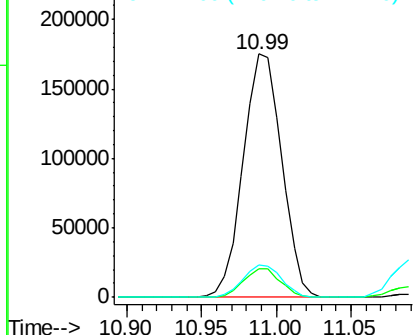
#31
Naphthalene
Concen: 48.94 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 313653
Ion Ratio Lower Upper
128 100
129 11.7 8.5 12.7
127 13.3 10.6 16.0

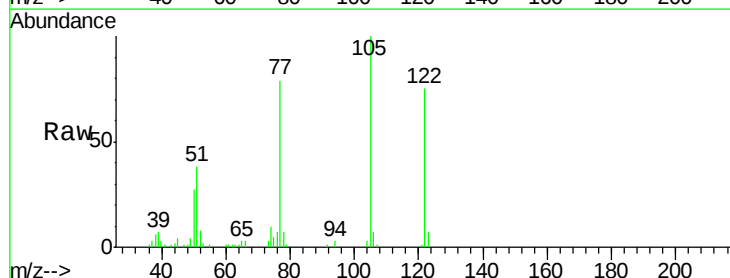


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

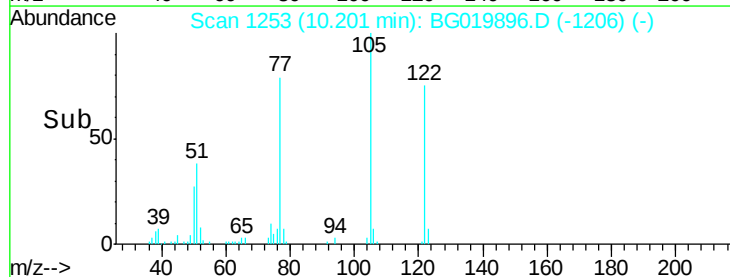
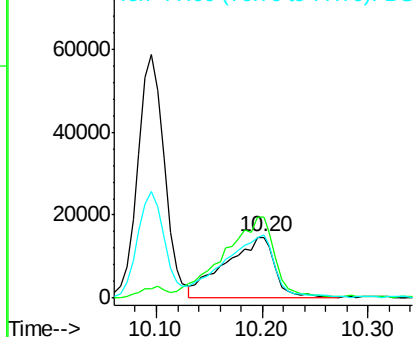


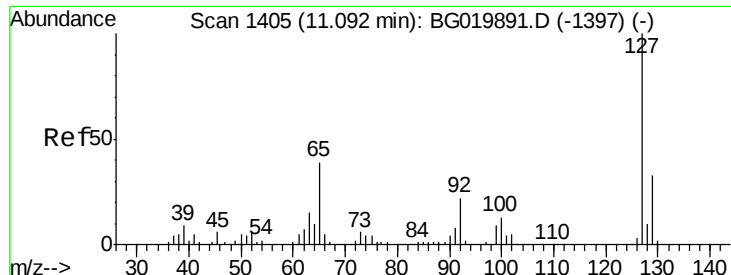
#32
Benzoic acid
Concen: 36.13 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:122 Resp: 47452
Ion Ratio Lower Upper
122 100
105 133.2 103.8 143.8
77 104.7 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

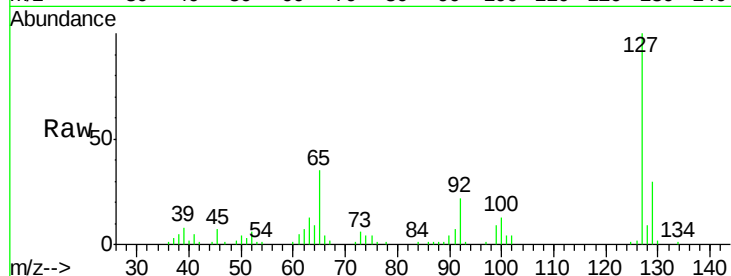




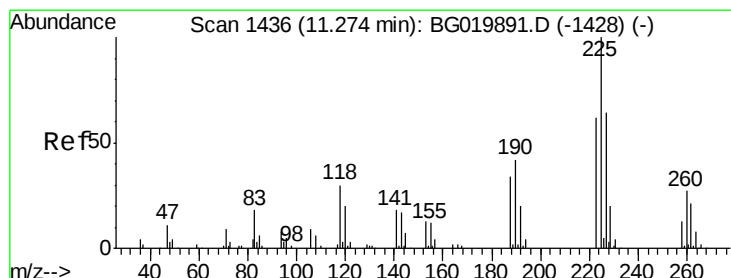
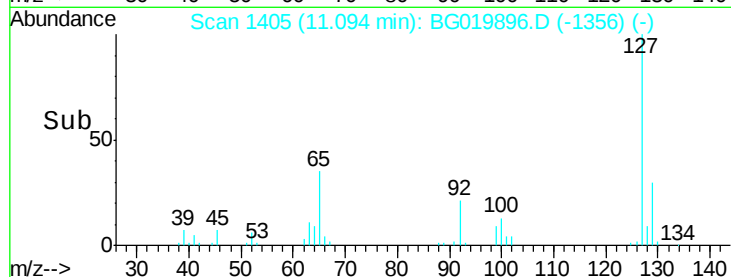
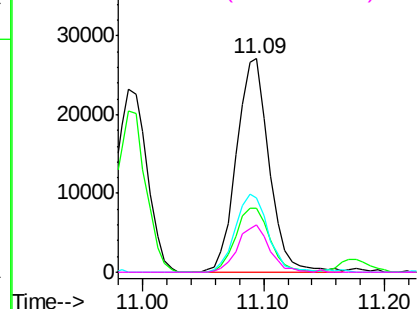
#33
4-Chloroaniline
Concen: 18.10 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 51111
Ion Ratio Lower Upper
127 100
129 29.8 24.6 37.0
65 34.8 22.6 33.8#
92 22.2 15.1 22.7

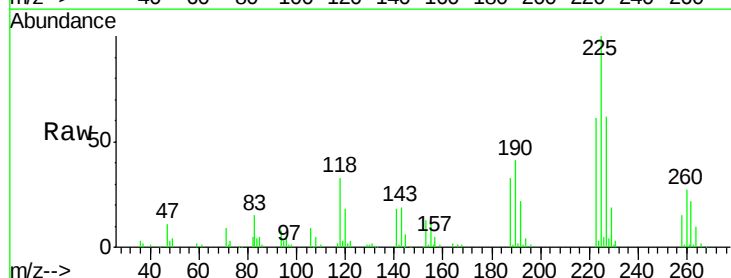


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

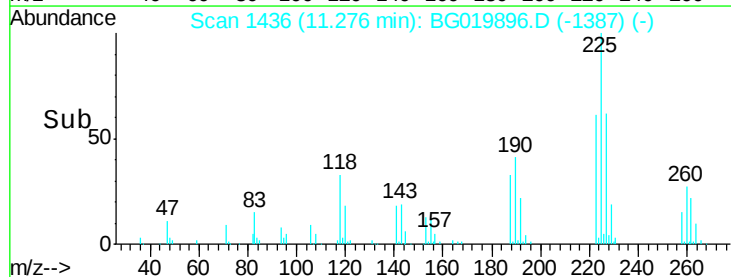
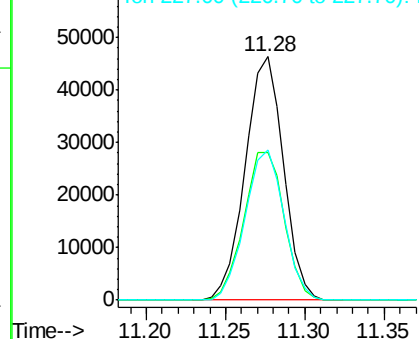


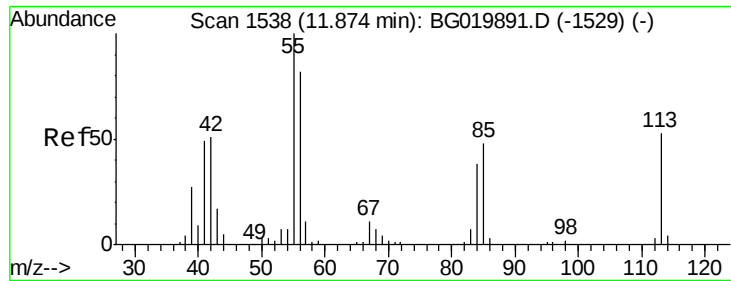
#34
Hexachlorobutadiene
Concen: 44.55 ng
RT: 11.28 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:225 Resp: 77586
Ion Ratio Lower Upper
225 100
223 60.8 51.0 76.4
227 61.6 51.8 77.8



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





#35

Caprolactam

Concen: 28.97 ng

RT: 11.87 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

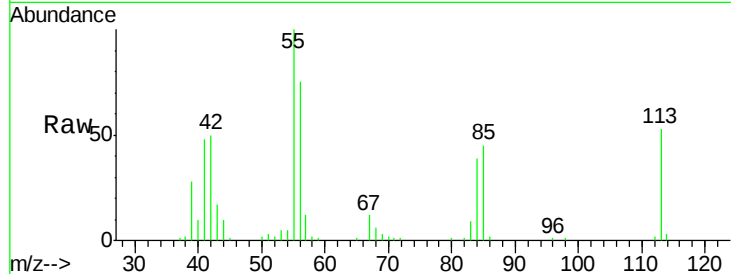
Tot Ion:113 Resp: 22527

Ion Ratio Lower Upper

113 100

55 187.0 135.0 175.0#

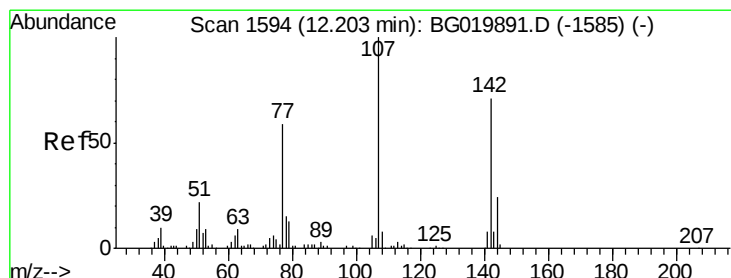
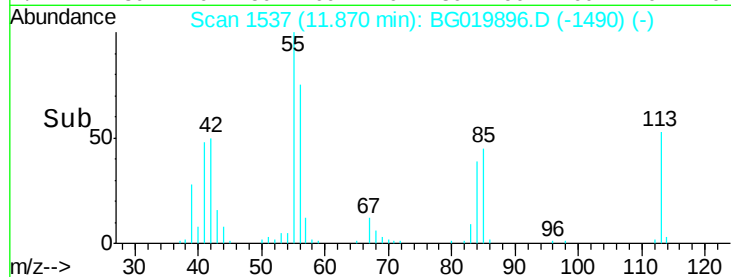
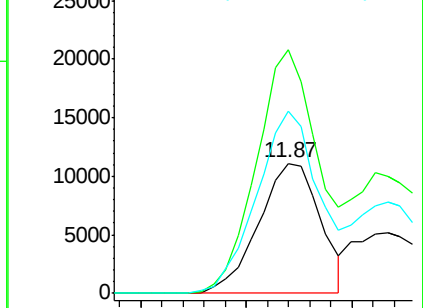
56 139.9 83.4 123.4#



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: 49.67 ng

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

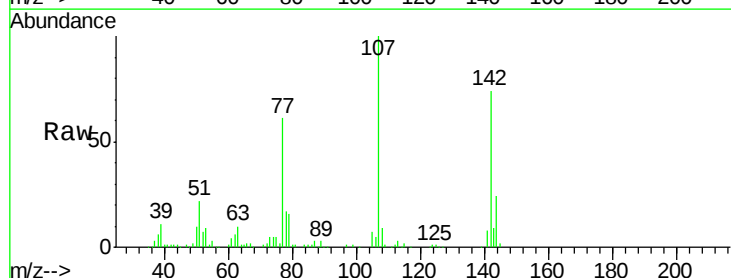
Tgt Ion:107 Resp: 129221

Ion Ratio Lower Upper

107 100

144 23.9 20.6 31.0

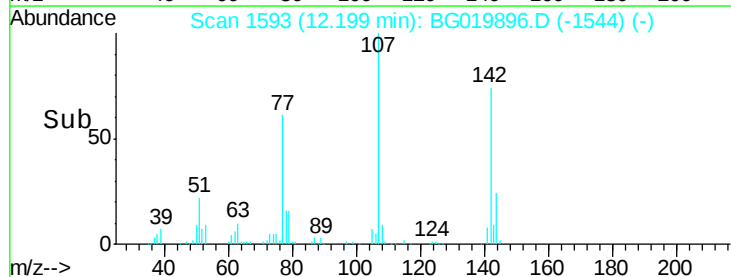
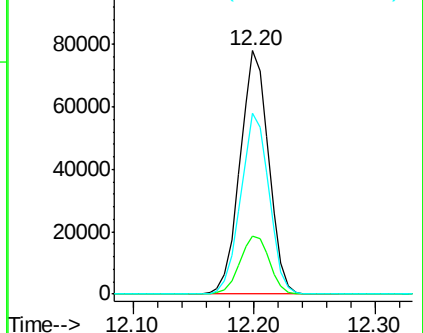
142 74.3 62.6 93.8

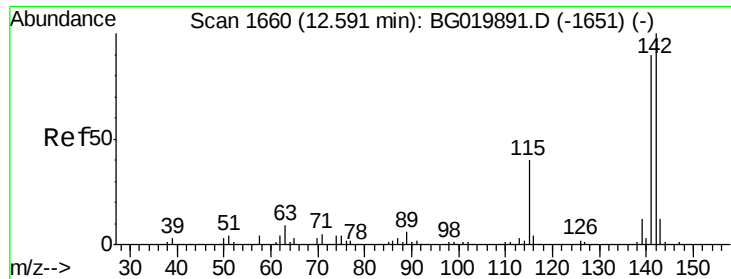


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

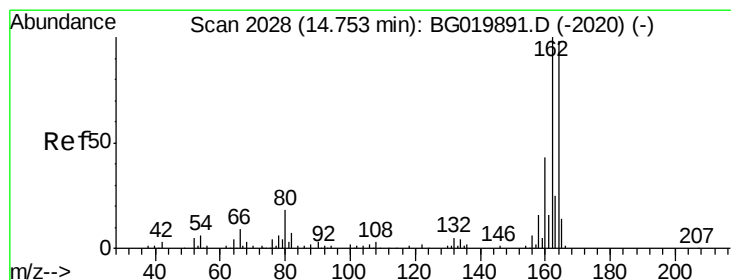
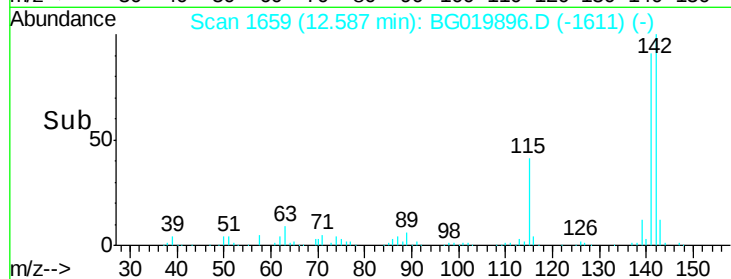
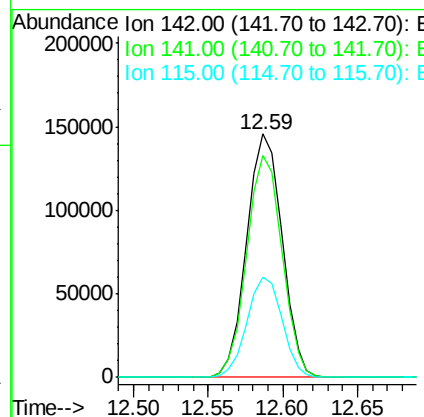
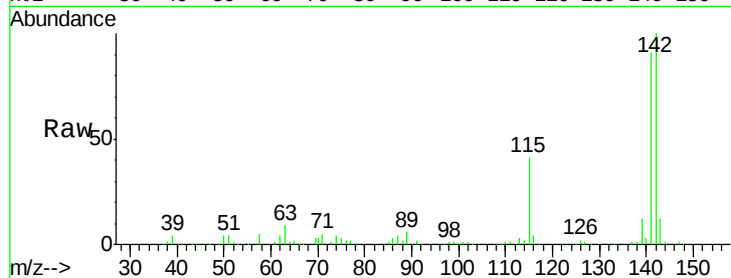




#37
2-Methylnaphthalene
Concen: 50.98 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

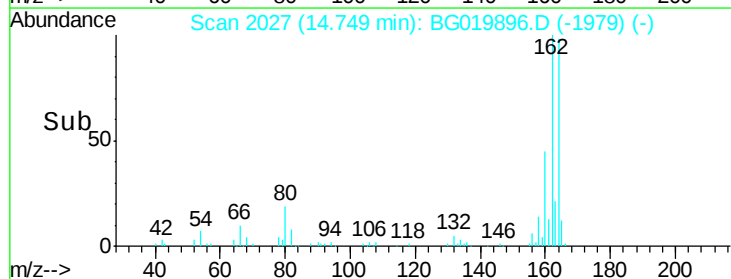
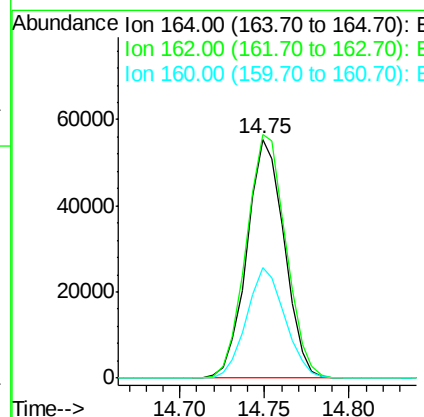
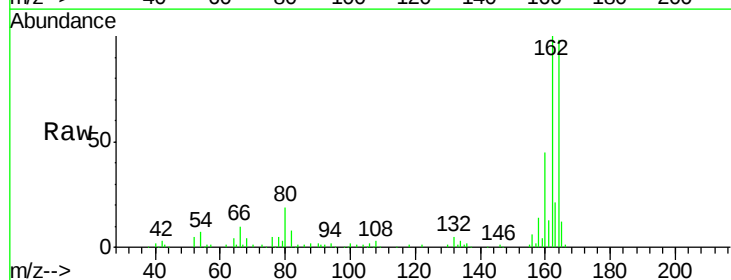
Instrument :
BNA_G
ClientSampleId :

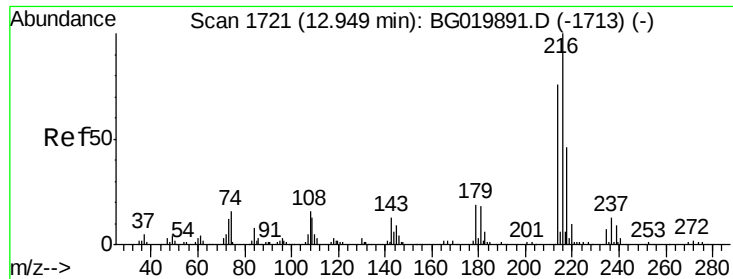
Tot Ion:142 Resp: 239438
Ion Ratio Lower Upper
142 100
141 91.2 74.6 112.0
115 41.4 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:164 Resp: 85408
Ion Ratio Lower Upper
164 100
162 101.9 78.8 118.2
160 46.0 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.29 ng

RT: 12.95 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 146803

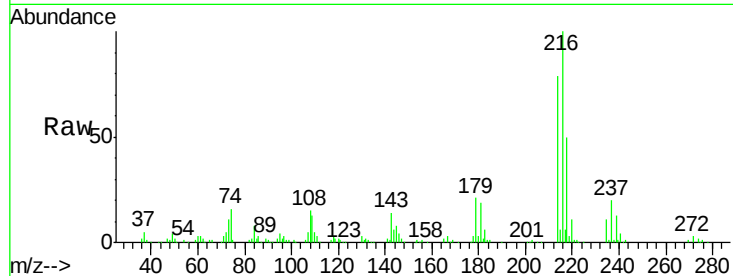
Ion Ratio Lower Upper

216 100

214 80.4 62.5 93.7

179 20.2 15.6 23.4

108 17.9 13.3 19.9

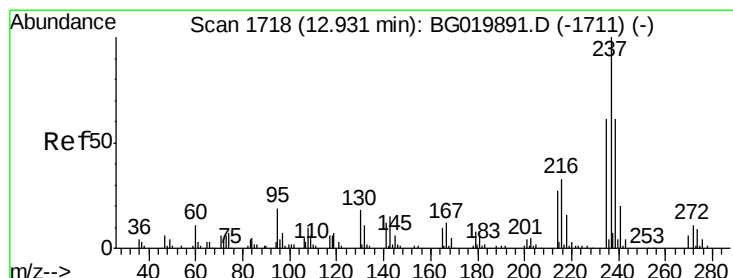
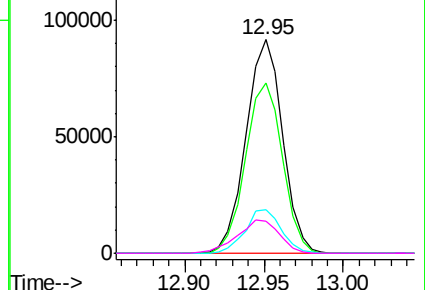
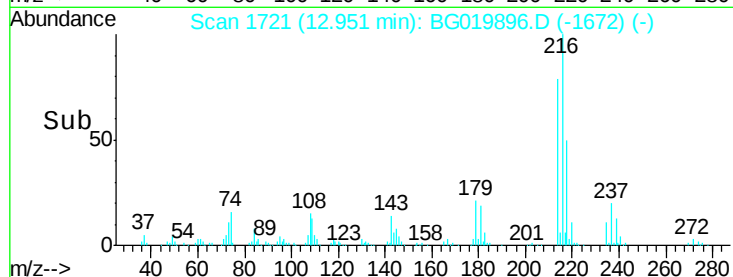


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.01 ng

RT: 12.93 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

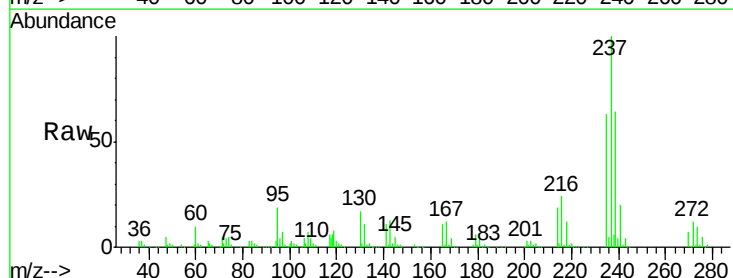
Tgt Ion:237 Resp: 168194

Ion Ratio Lower Upper

237 100

235 63.1 44.6 84.6

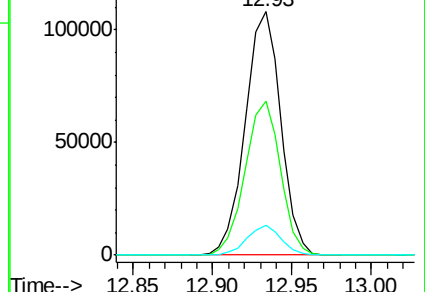
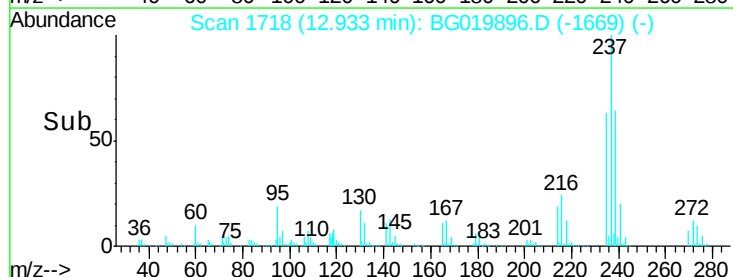
272 12.1 0.0 32.8

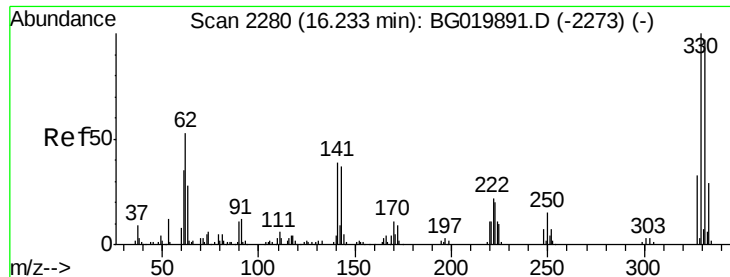


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

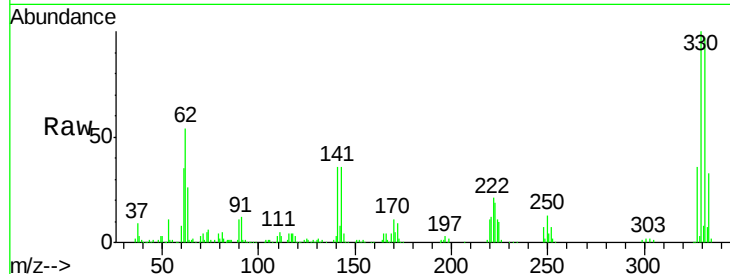




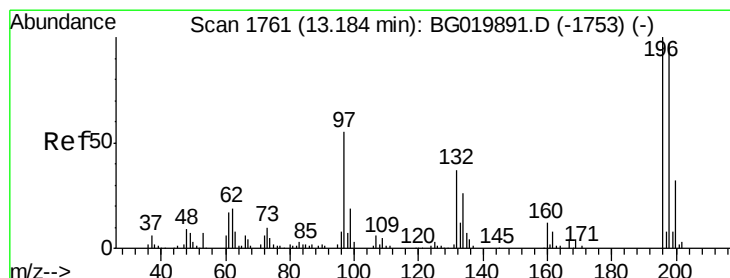
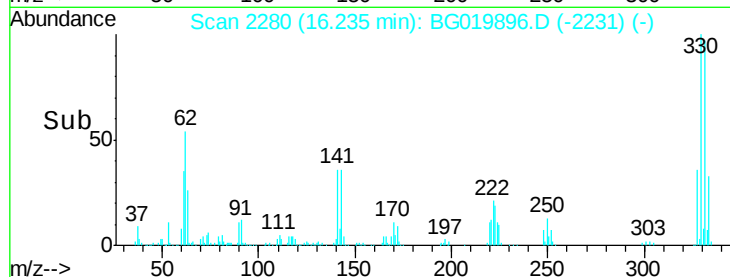
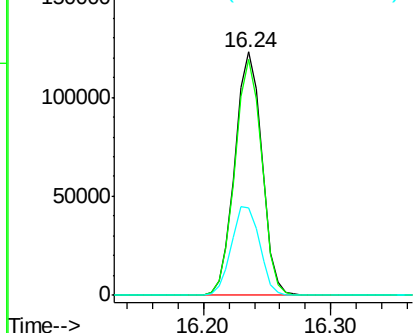
#41
 2,4,6-Tribromophenol
 Concen: 138.33 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 180770
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.1 117.1
 141 38.3 28.2 42.2

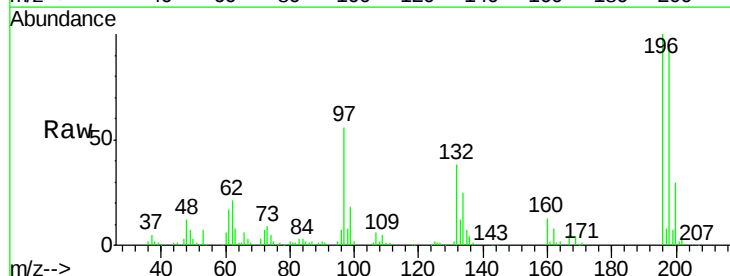


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

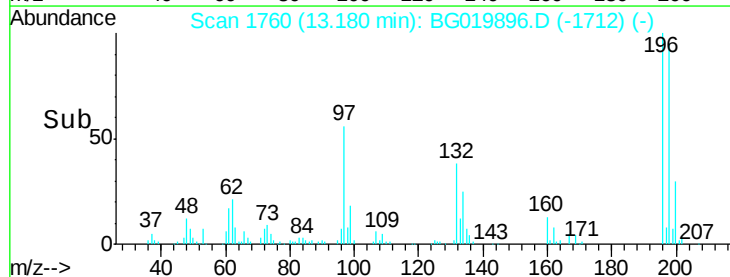
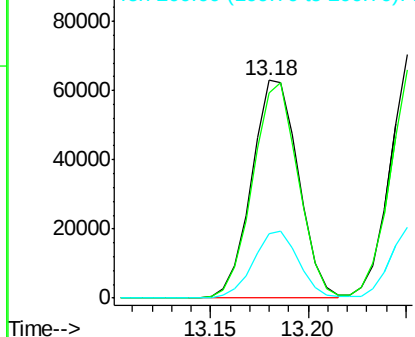


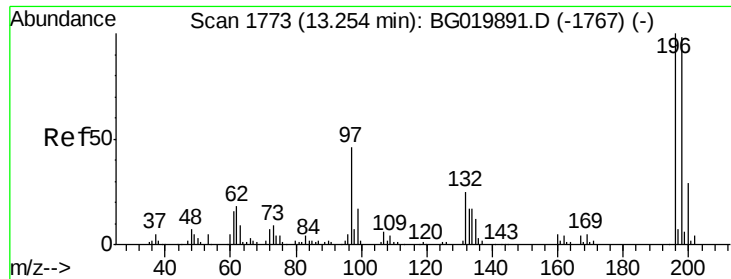
#42
 2,4,6-Trichlorophenol
 Concen: 48.62 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion:196 Resp: 104327
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.7 112.1
 200 29.6 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

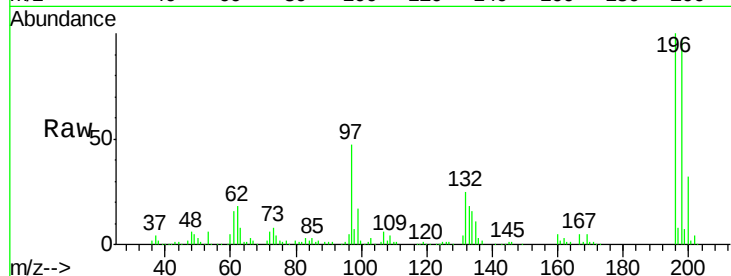




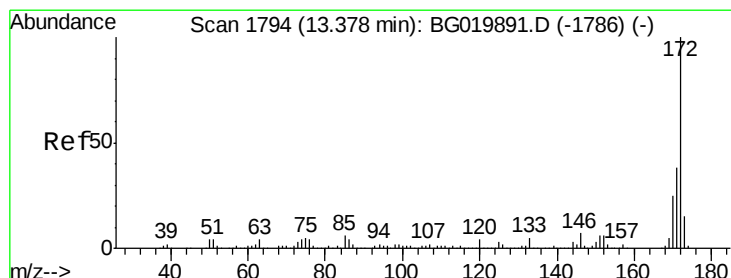
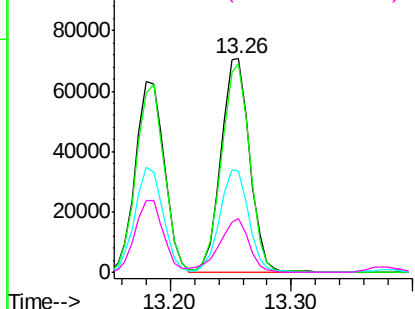
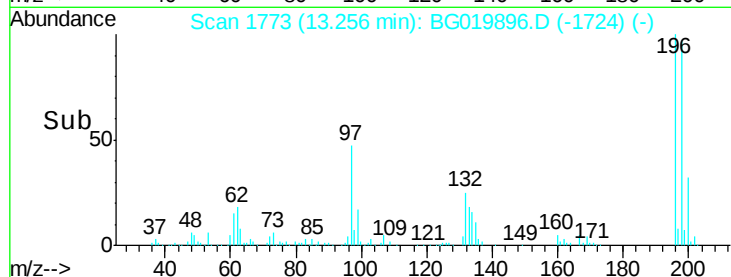
#43
2,4,5-Trichlorophenol
Concen: 51.24 ng
RT: 13.26 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		116206		
198	97.5	75.2	112.8		
97	47.1	34.2	51.2		
132	25.0	21.8	32.6		

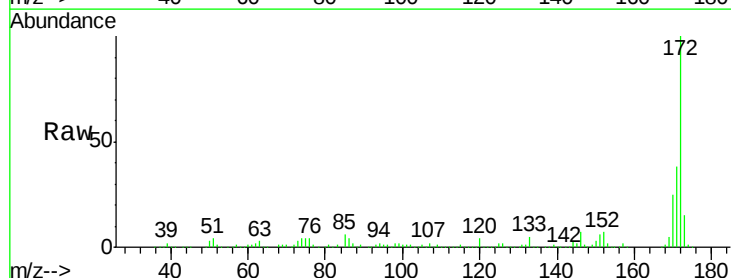


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

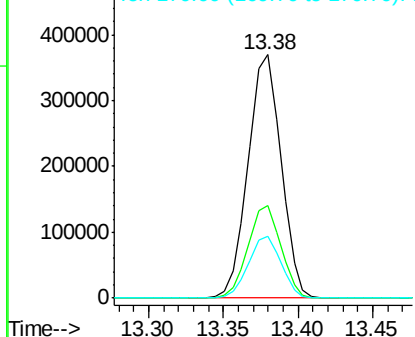
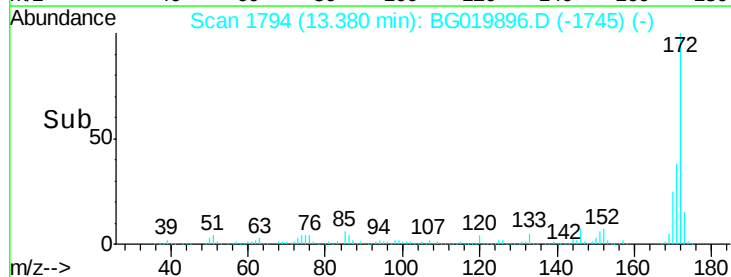


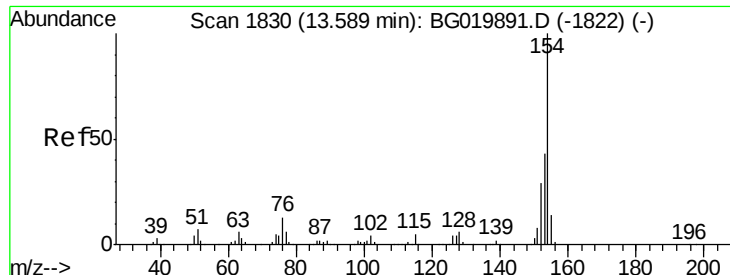
#44
2-Fluorobiphenyl
Concen: 90.29 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		564770		
171	38.0	29.0	43.6		
170	25.4	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

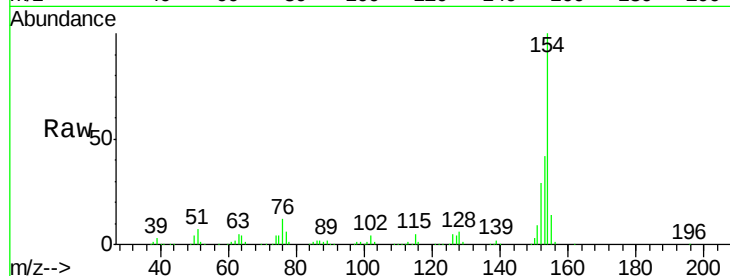




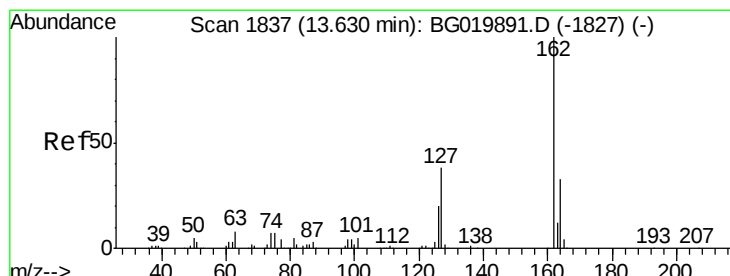
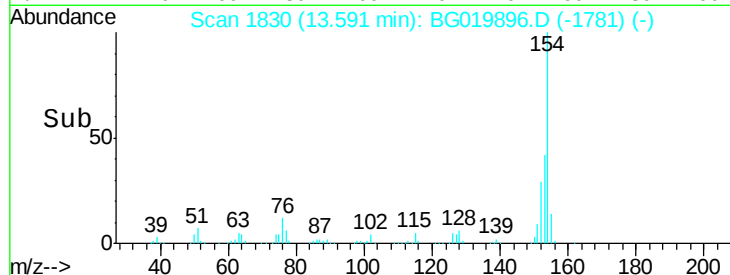
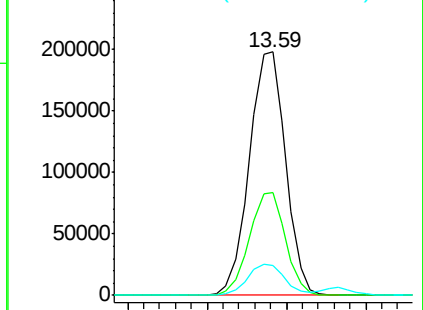
#45
1,1'-Biphenyl
Concen: 44.96 ng
RT: 13.59 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.9	61.9
76	12.4	0.0	33.2

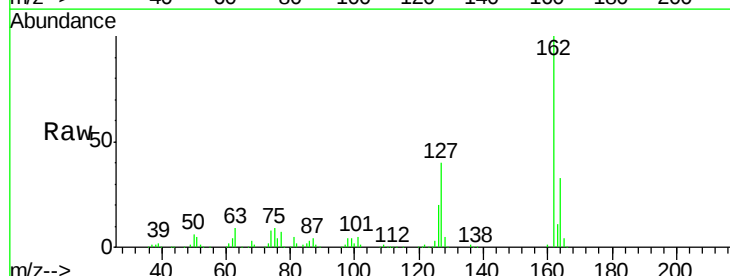


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

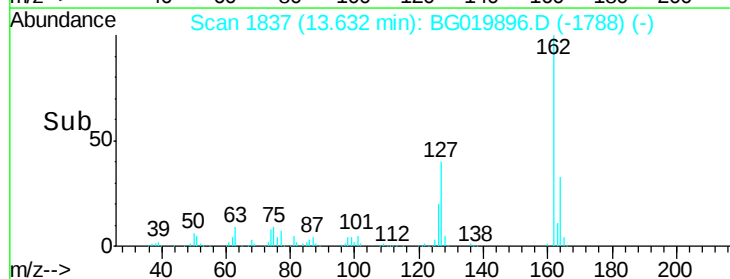
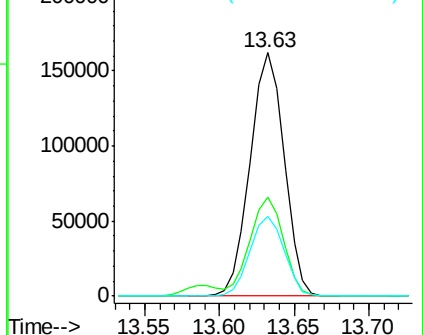


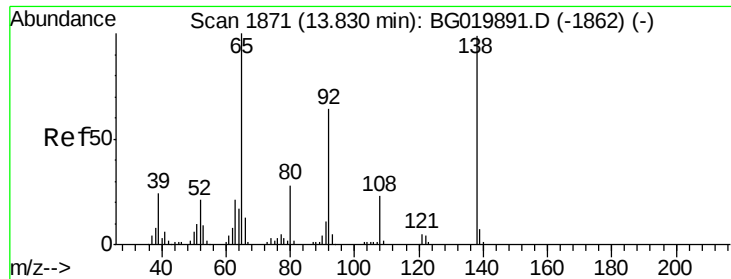
#46
2-Chloronaphthalene
Concen: 47.35 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	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

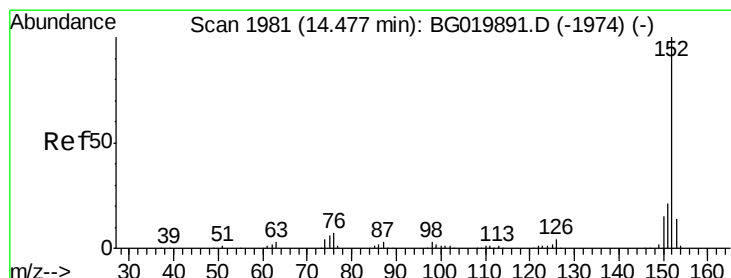
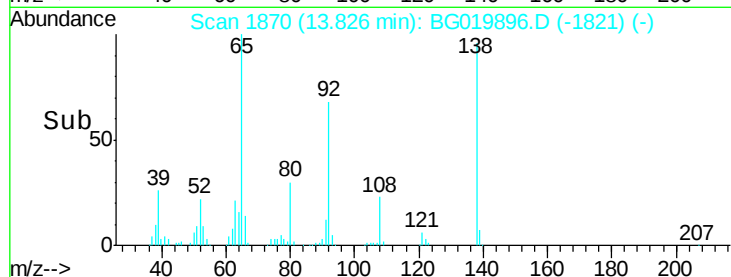
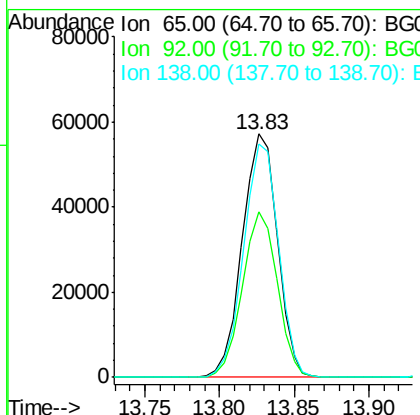
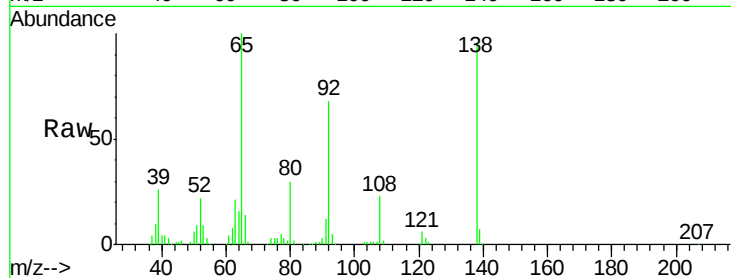




#47
2-Nitroaniline
Concen: 54.74 ng
RT: 13.83 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

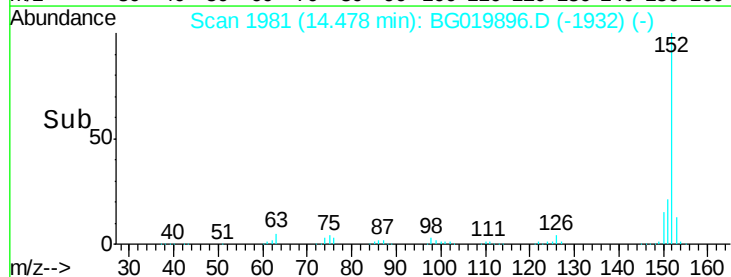
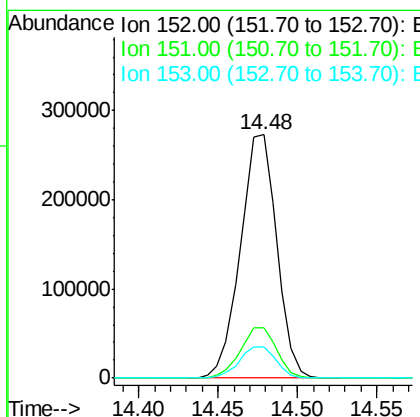
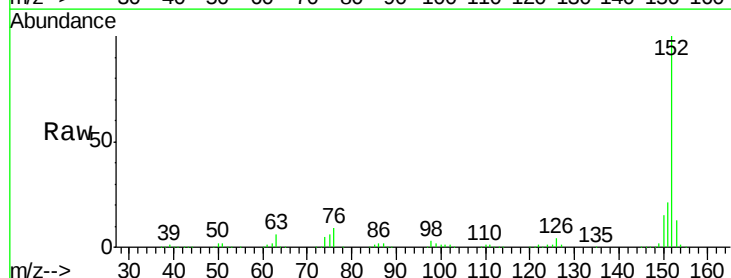
Instrument :
BNA_G
ClientSampleId :

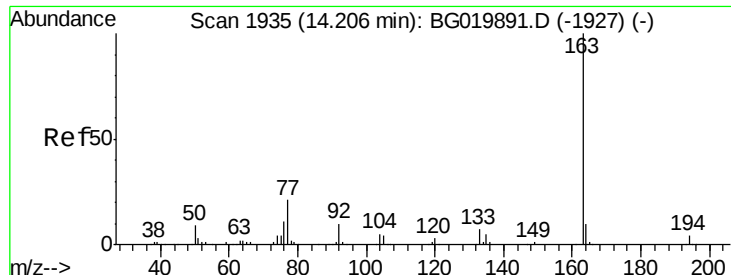
Tot Ion	65	92	138
Resp	93400		
Ion Ratio	100	68.2	95.8
Lower		54.8	89.6
Upper		82.2	134.4



#48
Acenaphthylene
Concen: 47.08 ng
RT: 14.48 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion	152	151	153
Resp	433295		
Ion Ratio	100	20.7	12.9
Lower		17.0	10.4
Upper		25.4	15.6





#49

Dimethylphthalate

Concen: 58.98 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

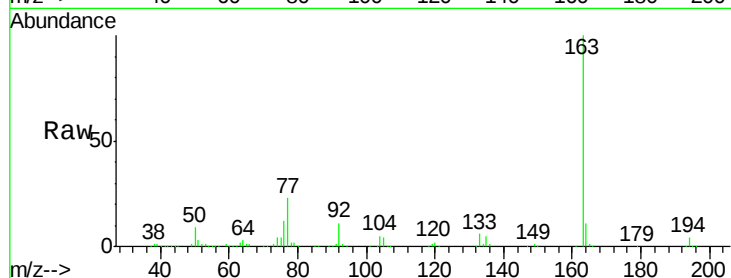
Tot Ion:163 Resp: 453128

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

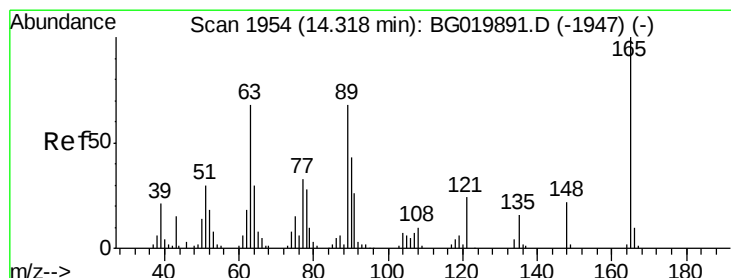
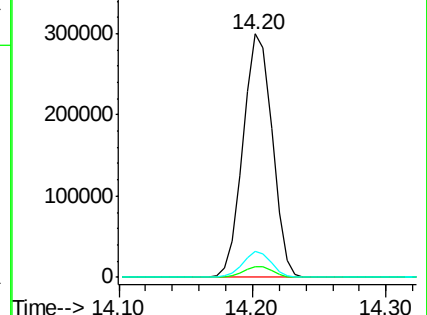
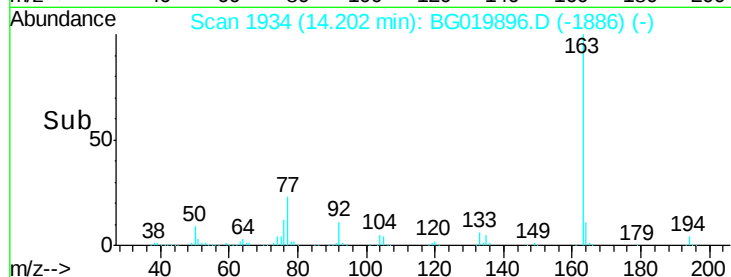
164 10.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.55 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

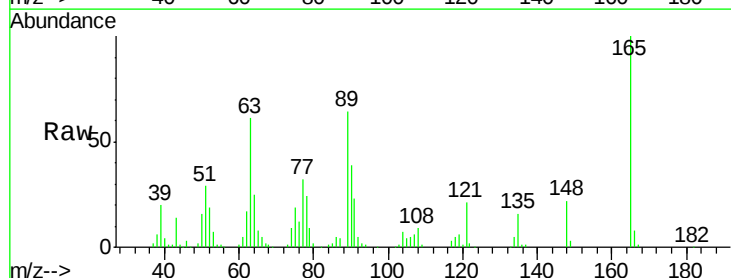
Tgt Ion:165 Resp: 75901

Ion Ratio Lower Upper

165 100

63 61.5 35.7 53.5#

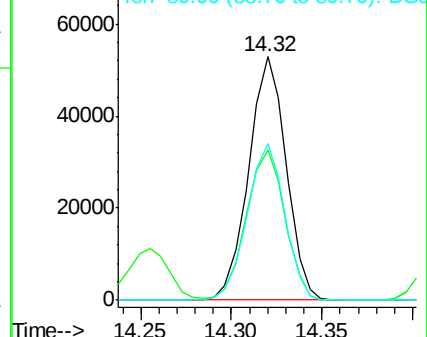
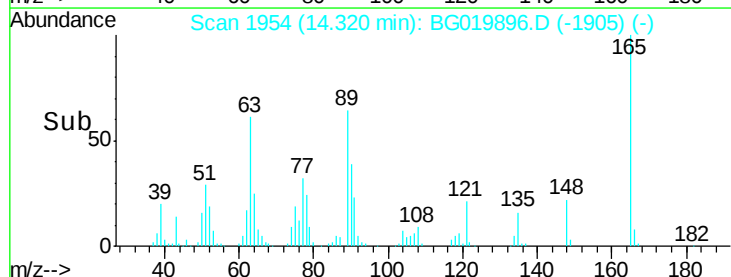
89 64.4 39.7 59.5#

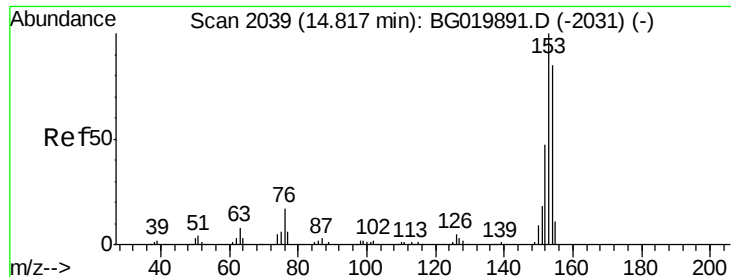


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 53.83 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampled :

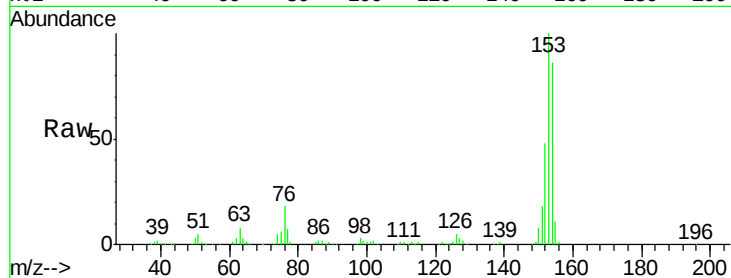
Tot Ion:154 Resp: 300564

Ion Ratio Lower Upper

154 100

153 116.6 92.9 139.3

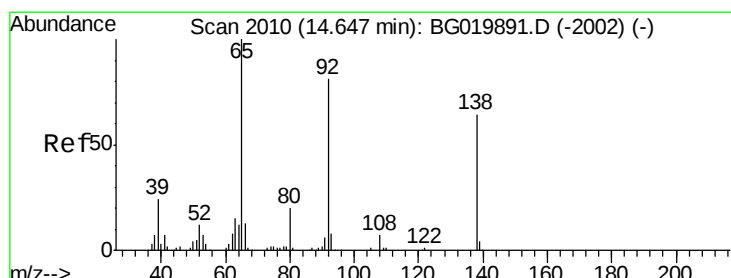
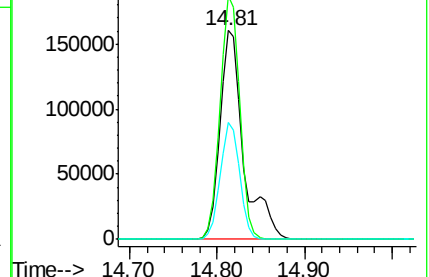
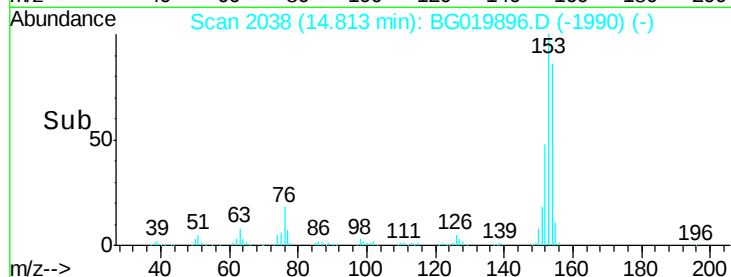
152 56.0 45.8 68.8



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: 36.62 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

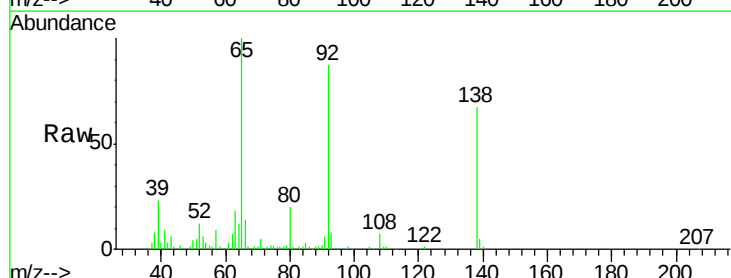
Tgt Ion:138 Resp: 54954

Ion Ratio Lower Upper

138 100

108 10.6 7.9 11.9

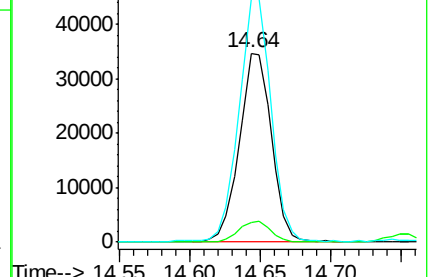
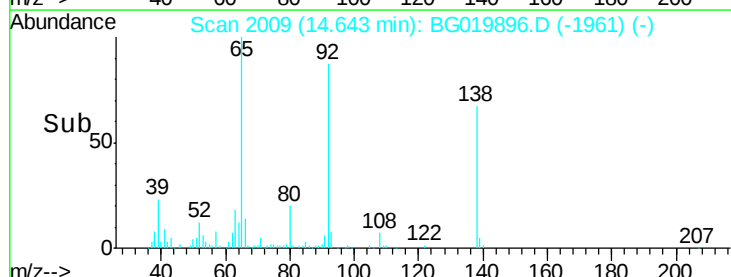
92 129.0 94.2 141.4

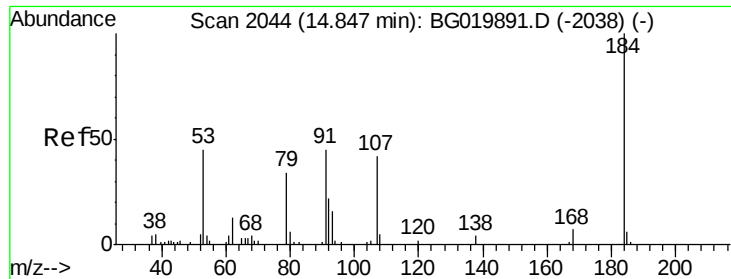


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

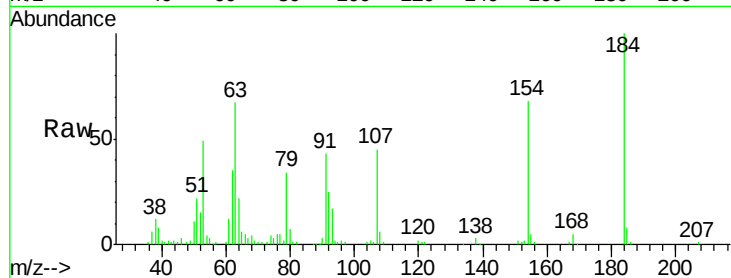




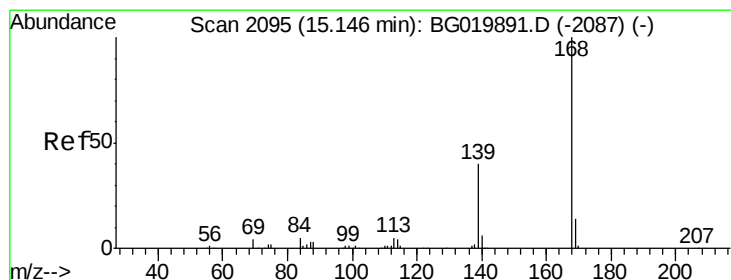
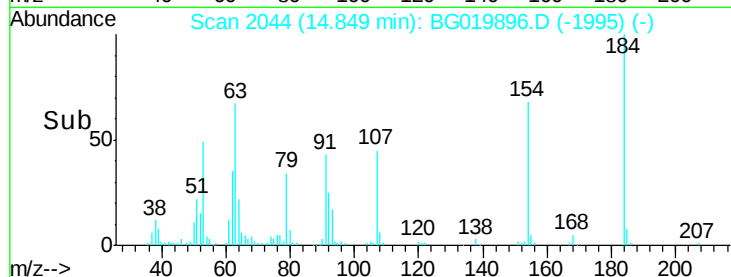
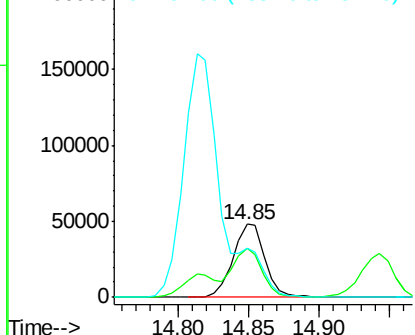
#53
2,4-Dinitrophenol
Concen: 96.03 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 75427
Ion Ratio Lower Upper
184 100
63 66.6 42.7 64.1#
154 67.5 44.3 66.5#

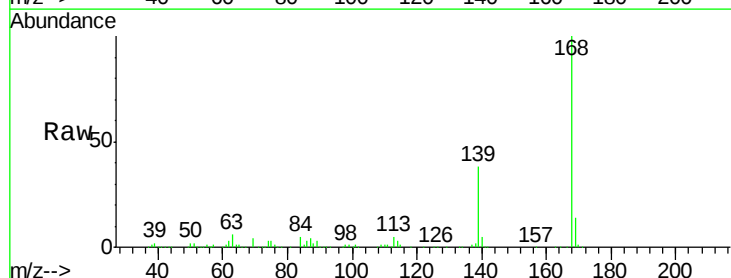


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

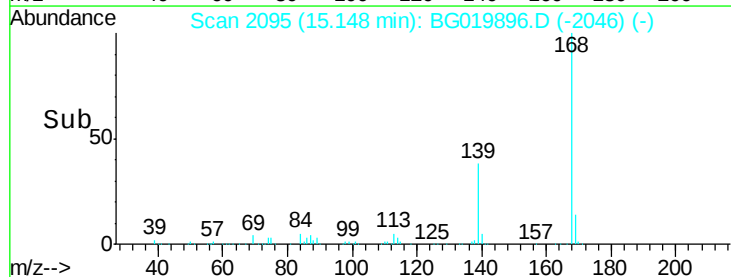
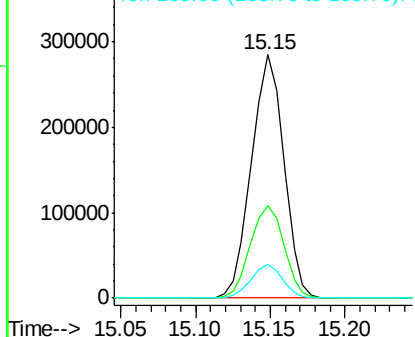


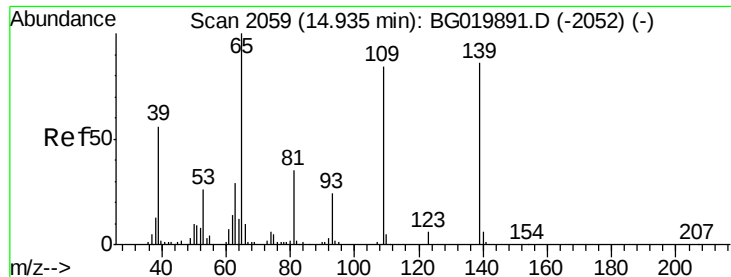
#54
Dibenzofuran
Concen: 51.33 ng
RT: 15.15 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:168 Resp: 426426
Ion Ratio Lower Upper
168 100
139 38.1 27.4 41.0
169 13.7 11.0 16.4



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

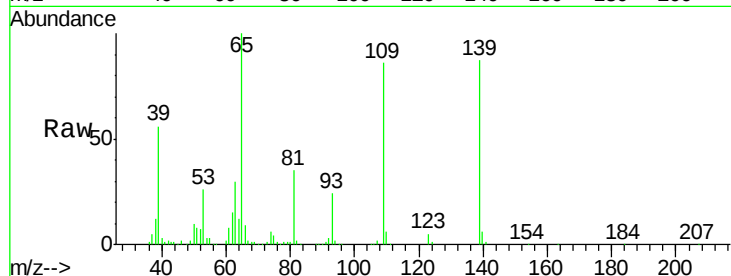




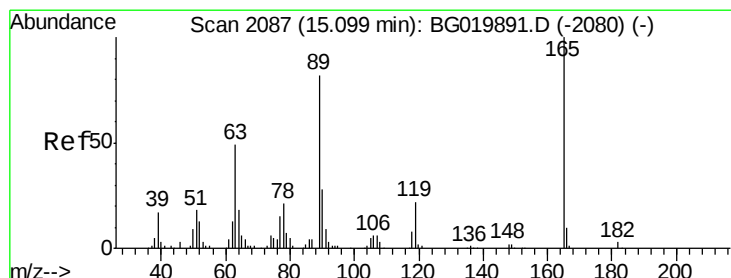
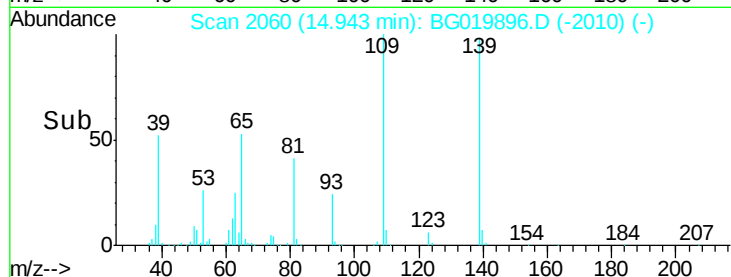
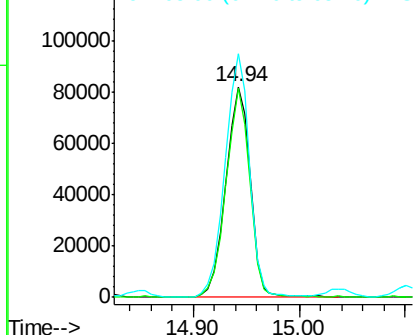
#55
4-Nitrophenol
Concen: 100.29 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 131075
Ion Ratio Lower Upper
139 100
109 99.0 43.2 83.2#
65 115.6 67.8 107.8#

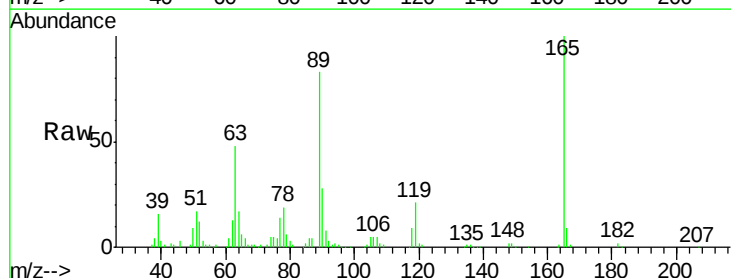


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

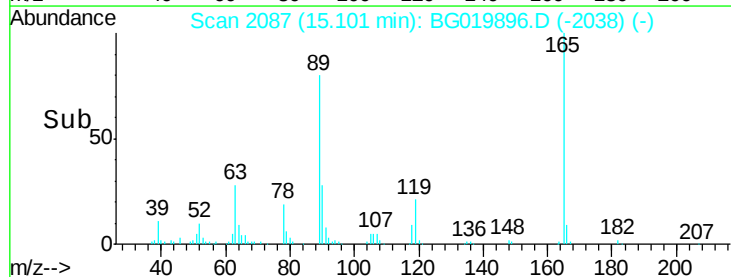
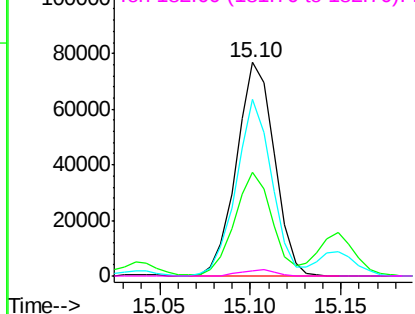


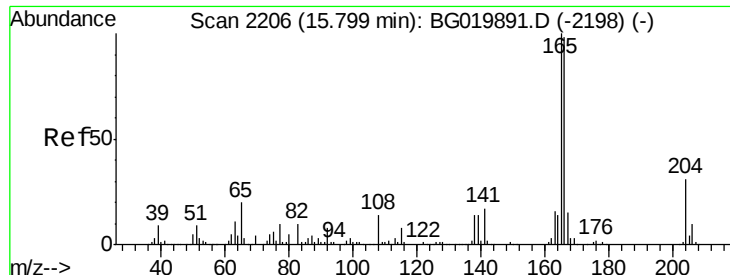
#56
2,4-Dinitrotoluene
Concen: 55.32 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:165 Resp: 111496
Ion Ratio Lower Upper
165 100
63 48.3 31.0 46.4#
89 82.6 54.4 81.6#
182 2.5 1.6 2.4#



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





#57

Fluorene

Concen: 45.94 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

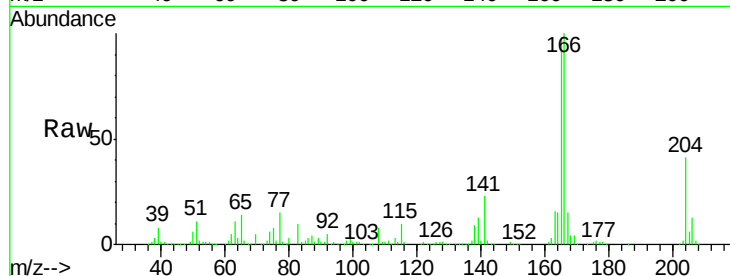
Tot Ion:166 Resp: 341557

Ion Ratio Lower Upper

166 100

165 98.3 80.0 120.0

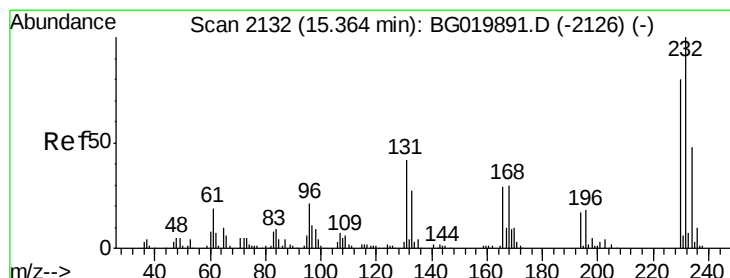
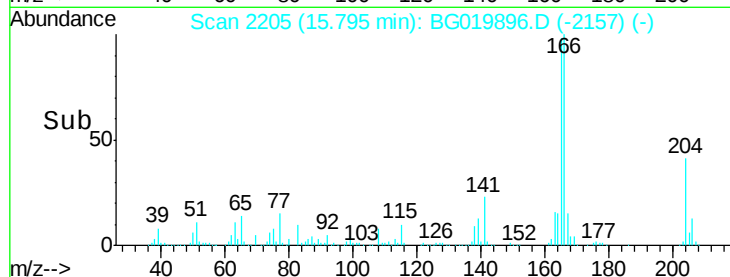
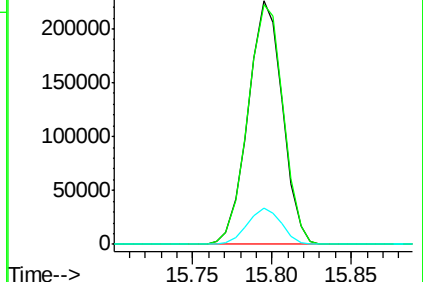
167 14.7 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.56 ng

RT: 15.37 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Tgt Ion:232 Resp: 110322

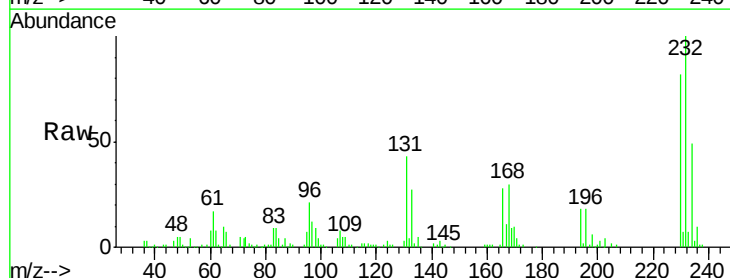
Ion Ratio Lower Upper

232 100

131 41.0 33.0 49.6

130 2.4 2.0 3.0

166 27.7 24.1 36.1

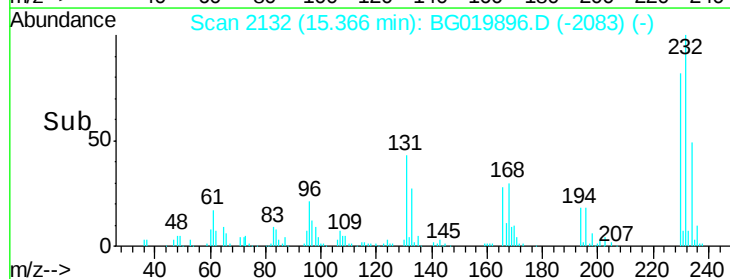
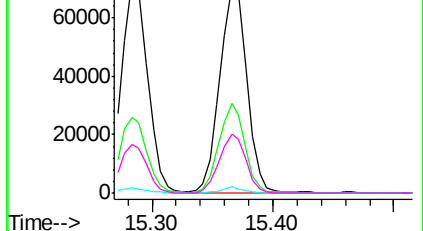


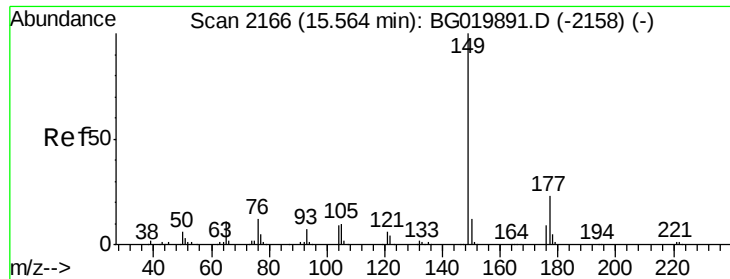
Abundance Ion 232.00 (231.70 to 232.70): E

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

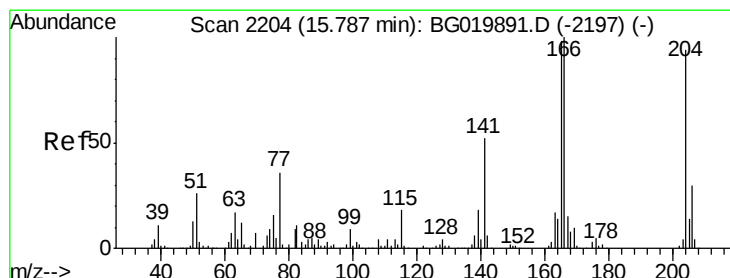
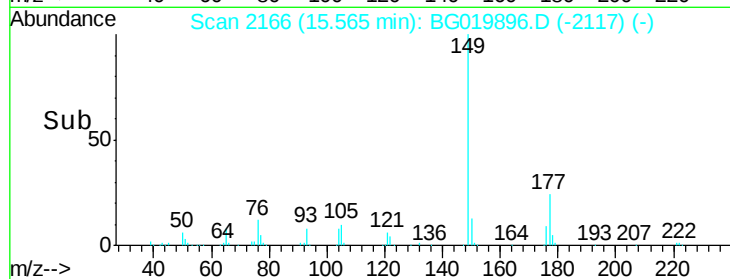
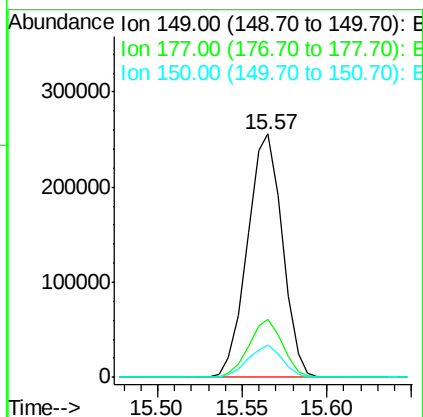
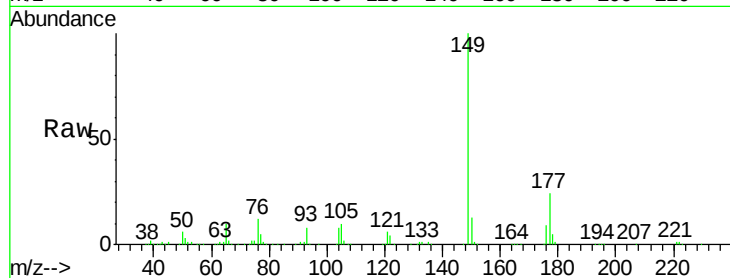




#59
Diethylphthalate
Concen: 44.24 ng
RT: 15.57 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

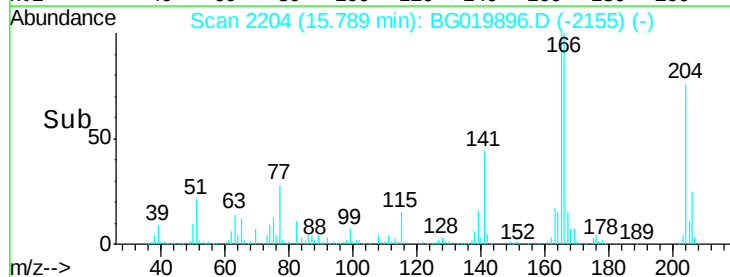
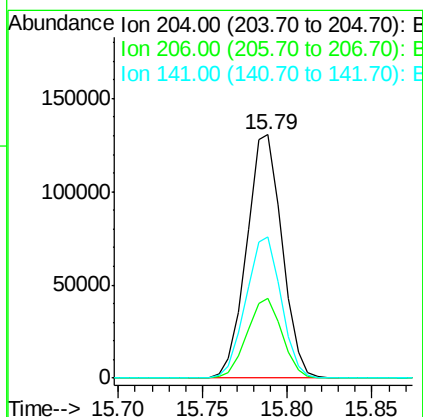
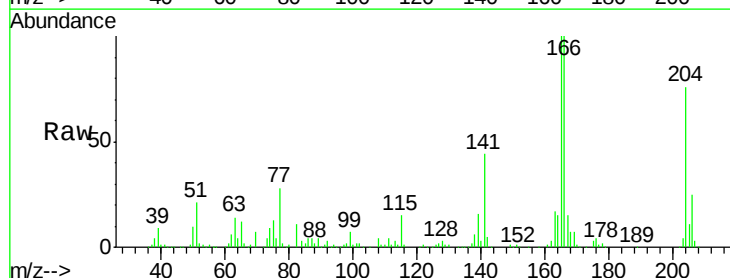
Instrument :
BNA_G
ClientSampled :

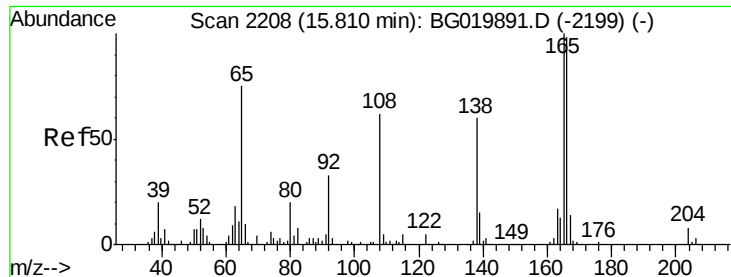
Tot Ion:149 Resp: 367879
Ion Ratio Lower Upper
149 100
177 23.7 19.6 29.4
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.55 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:204 Resp: 190203
Ion Ratio Lower Upper
204 100
206 32.9 28.3 42.5
141 58.0 44.0 66.0

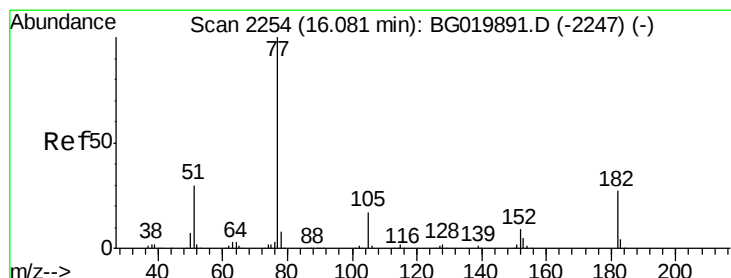
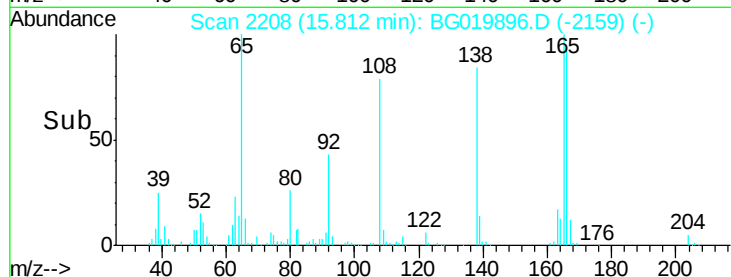
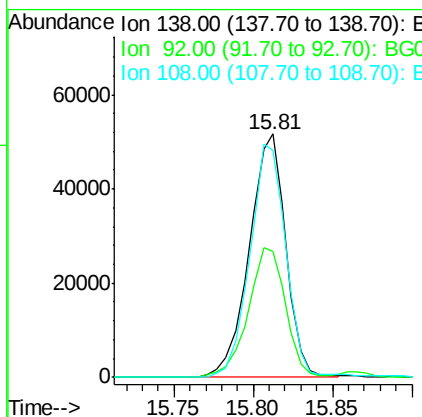
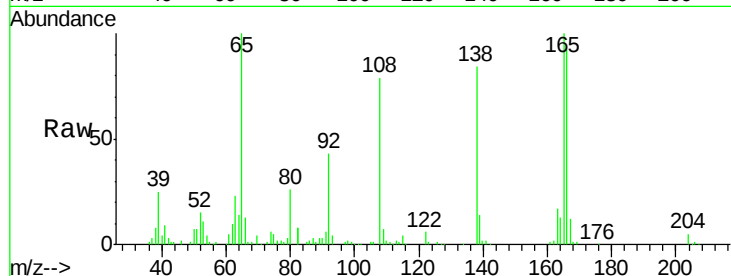




#61
4-Nitroaniline
Concen: 48.93 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

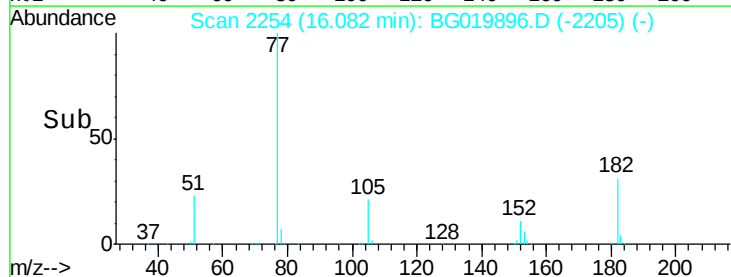
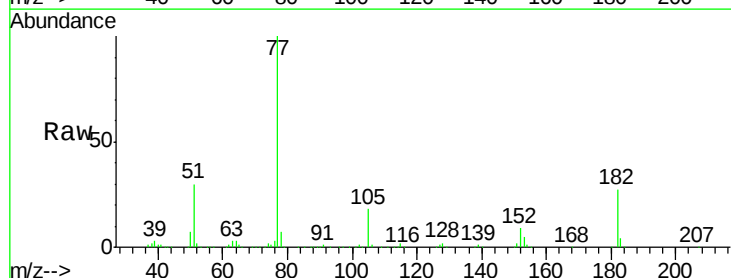
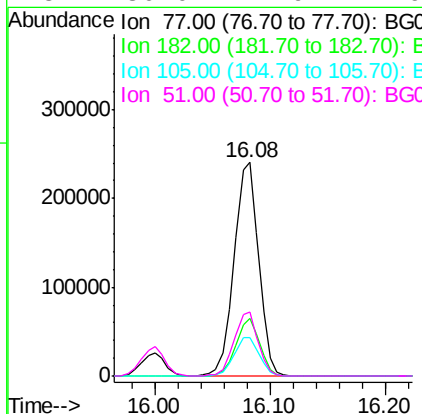
Instrument :
BNA_G
ClientSampleId :

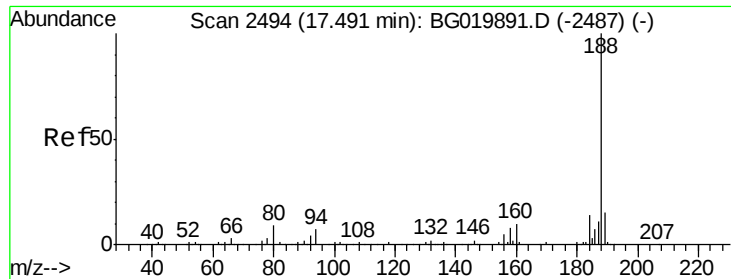
Tot Ion:138 Resp: 82584
Ion Ratio Lower Upper
138 100
92 51.5 29.1 69.1
108 93.5 49.8 89.8#



#62
Azobenzene
Concen: 51.05 ng
RT: 16.08 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion: 77 Resp: 353206
Ion Ratio Lower Upper
77 100
182 26.8 7.0 47.0
105 17.9 1.4 41.4
51 30.0 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: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

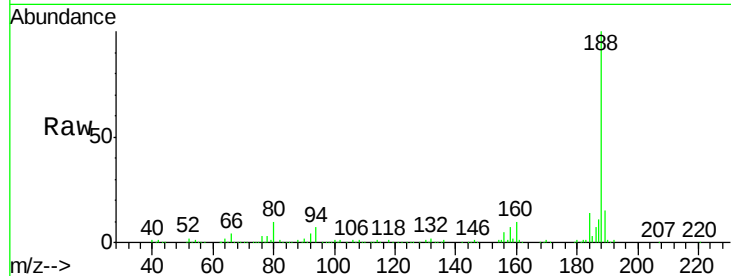
Tot Ion:188 Resp: 219323

Ion Ratio Lower Upper

188 100

94 7.5 7.7 11.5#

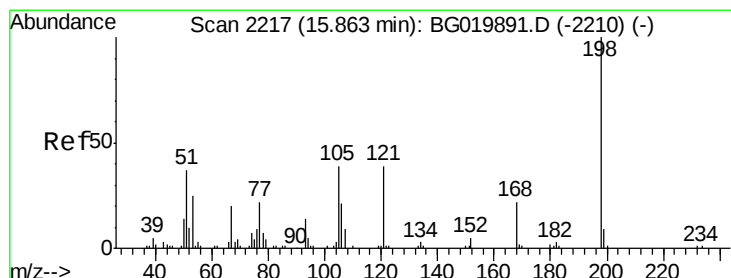
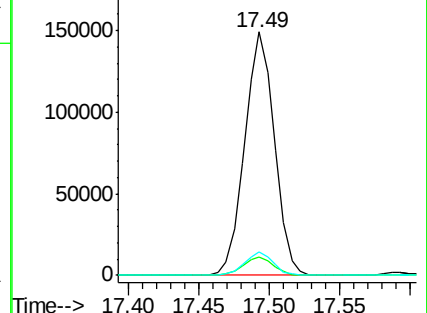
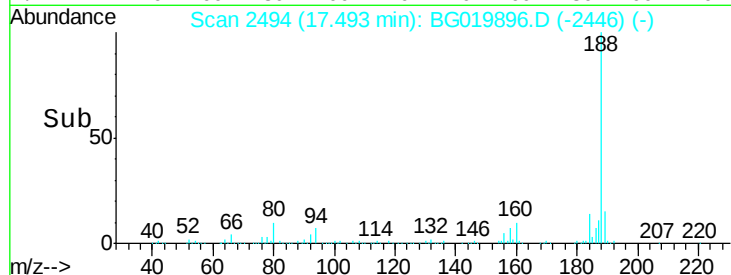
80 9.5 7.8 11.8



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: 51.22 ng

RT: 15.87 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

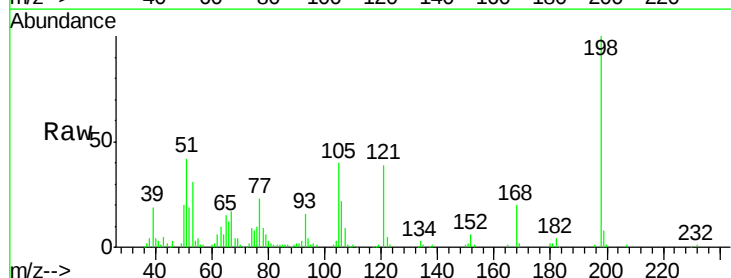
Tgt Ion:198 Resp: 63686

Ion Ratio Lower Upper

198 100

51 42.4 14.2 54.2

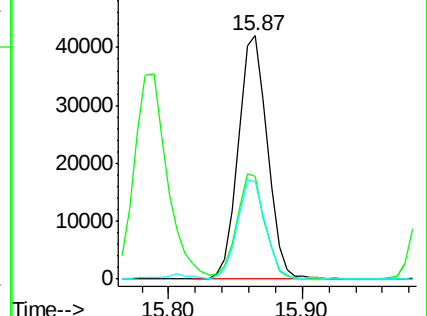
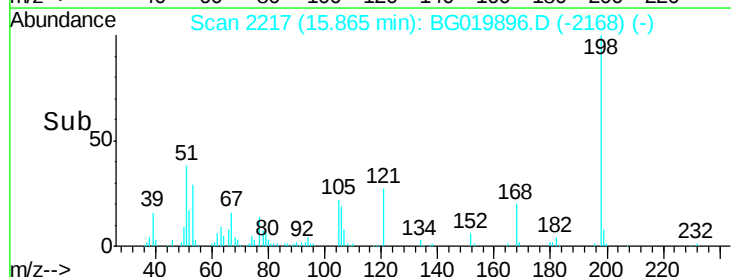
105 40.1 21.1 61.1

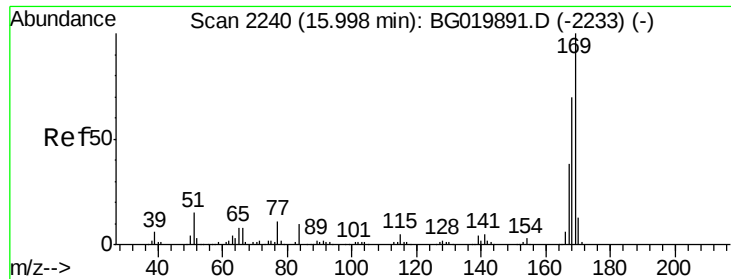


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

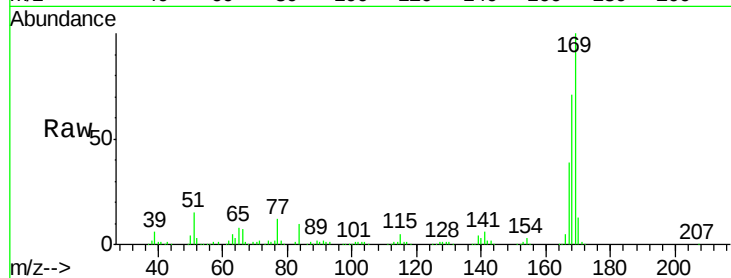




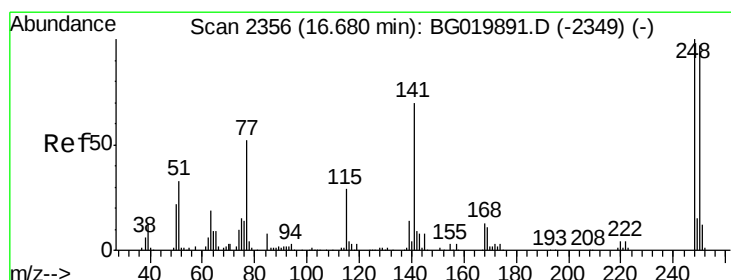
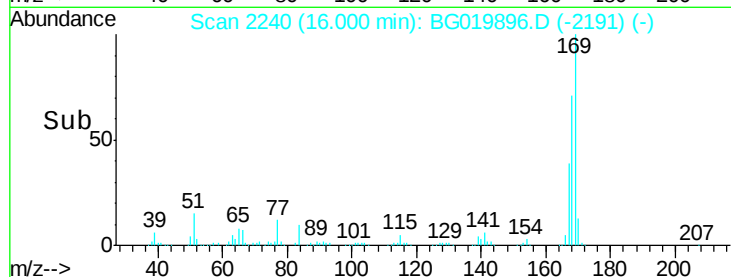
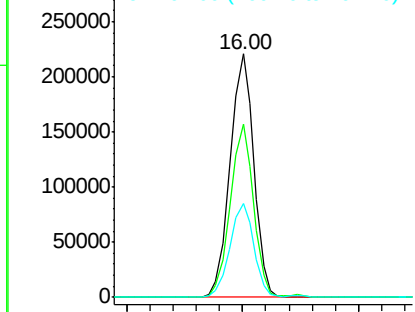
#65
 n-Nitrosodiphenylamine
 Concen: 49.35 ng
 RT: 16.00 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:169 Resp: 313211
 Ion Ratio Lower Upper
 169 100
 168 71.1 58.2 87.2
 167 38.7 32.7 49.1

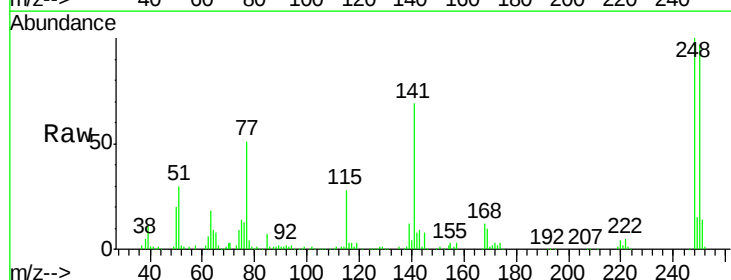


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

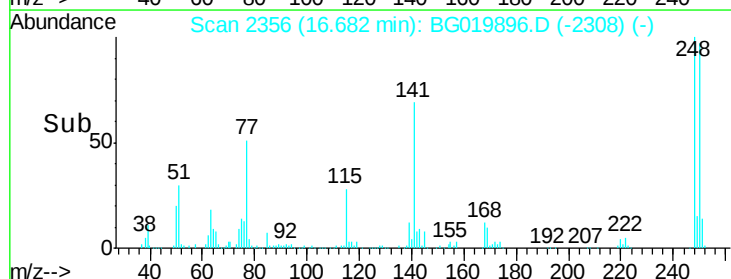
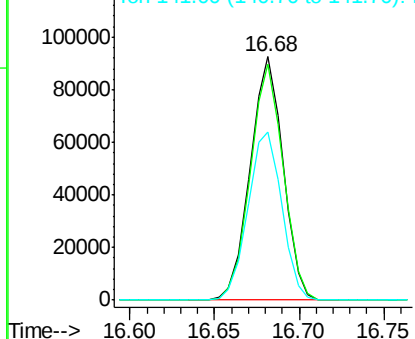


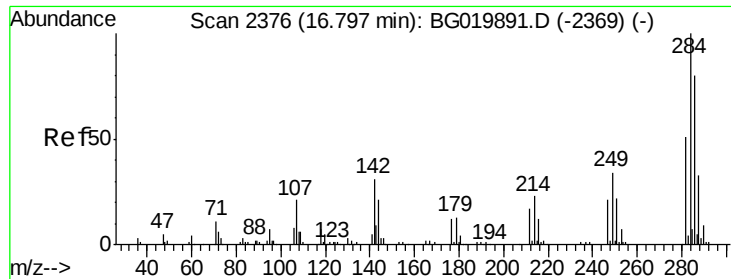
#66
 4-Bromophenyl-phenylether
 Concen: 45.99 ng
 RT: 16.68 min Scan# 2356
 Delta R.T. -0.02 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion:248 Resp: 125338
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.8 116.8
 141 68.9 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

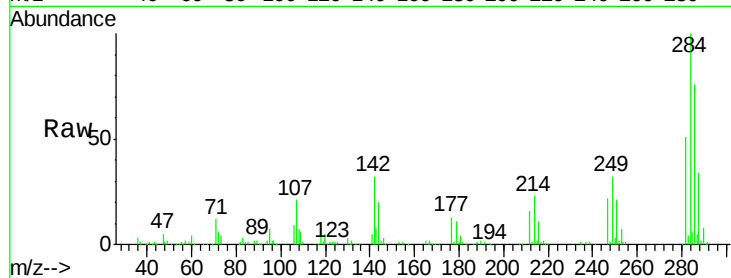




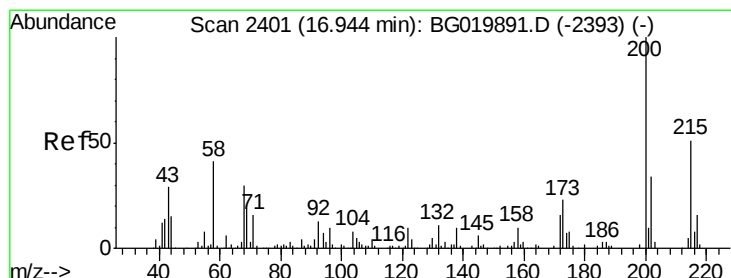
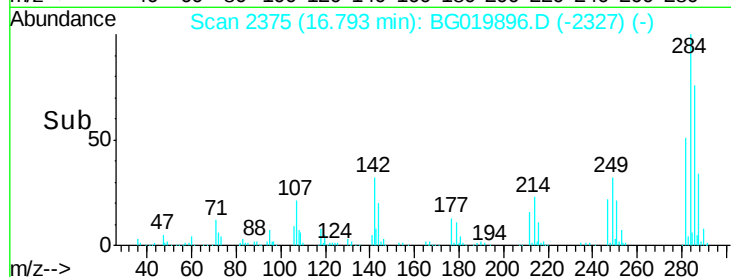
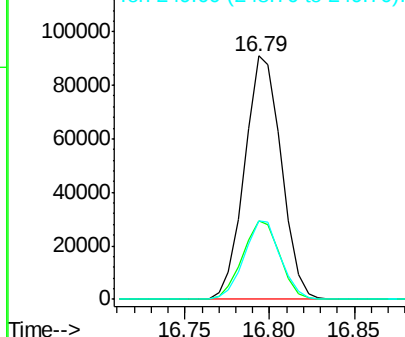
#67
Hexachlorobenzene
Concen: 48.41 ng
RT: 16.79 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 137434
Ion Ratio Lower Upper
284 100
142 32.4 26.6 39.8
249 32.4 26.2 39.2

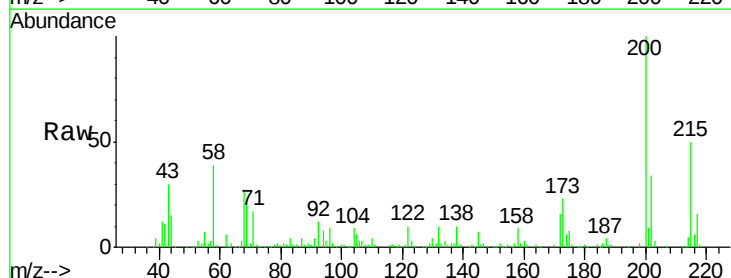


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

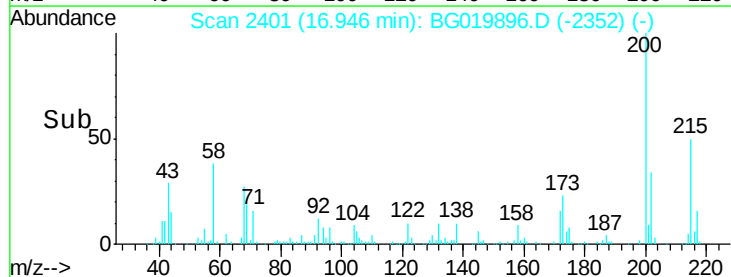
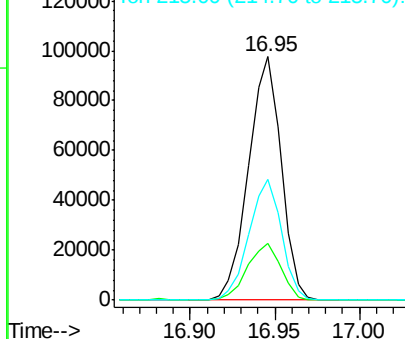


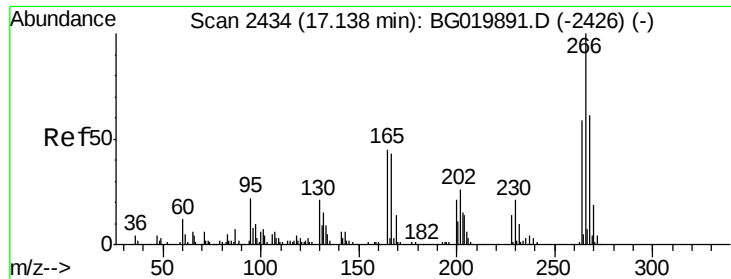
#68
Atrazine
Concen: 47.60 ng
RT: 16.95 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:200 Resp: 131269
Ion Ratio Lower Upper
200 100
173 23.1 5.2 45.2
215 49.7 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

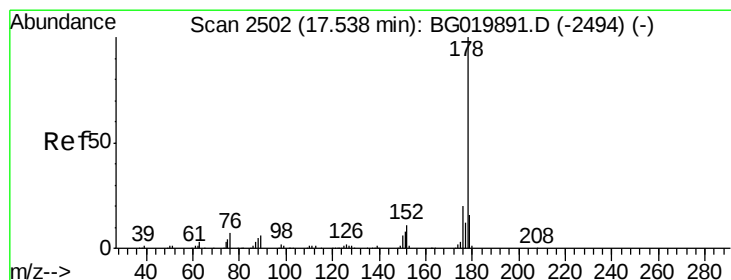
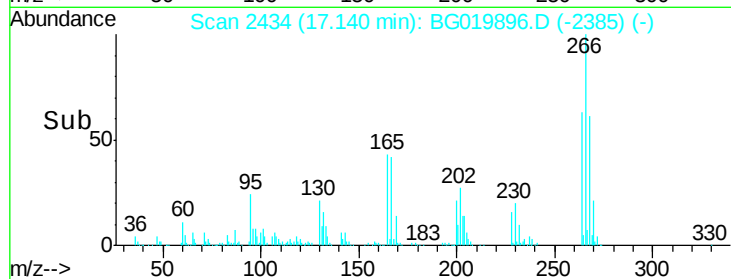
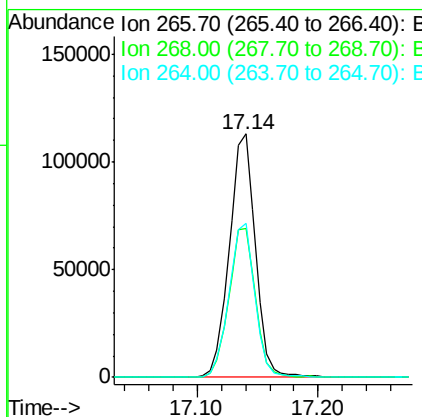
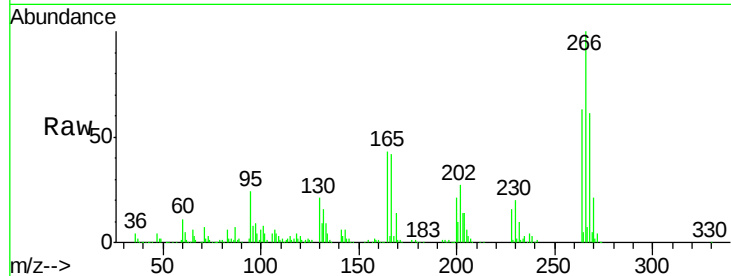




#69
 Pentachlorophenol
 Concen: 102.33 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

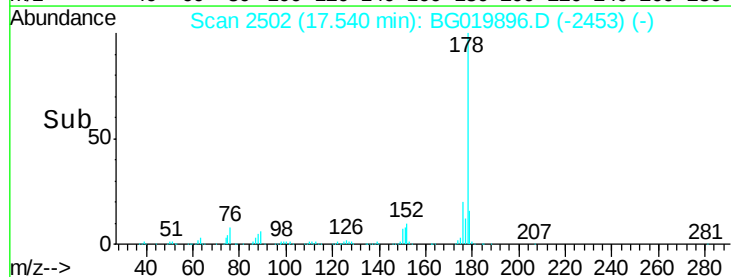
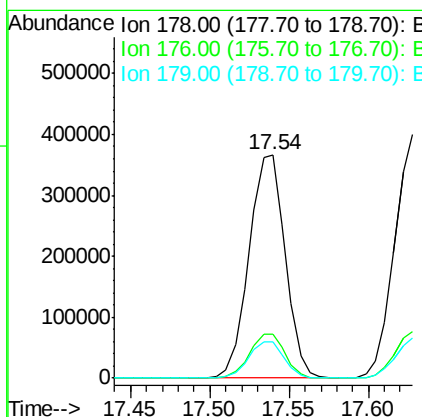
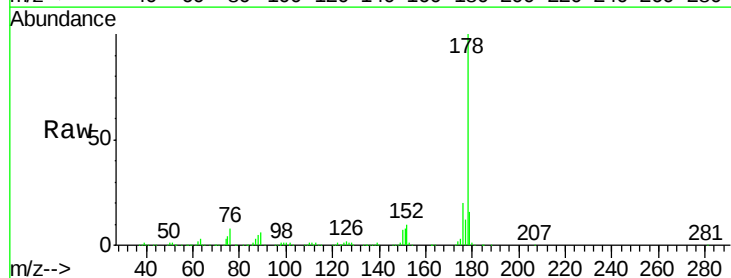
Instrument :
 BNA_G
 ClientSampled :

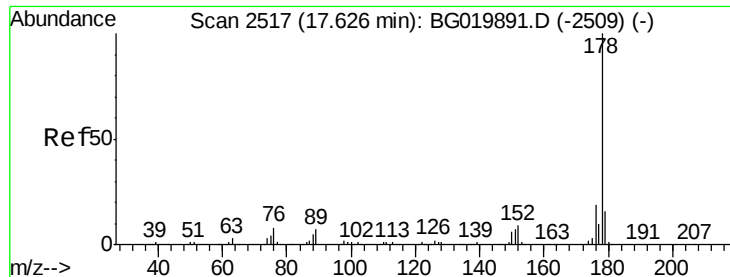
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	47.6	71.4
264	63.1	48.1	72.1



#70
 Phenanthrene
 Concen: 46.73 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.7	25.1
179	16.2	13.9	20.9

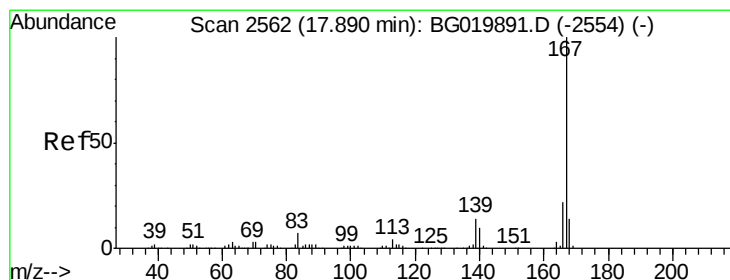
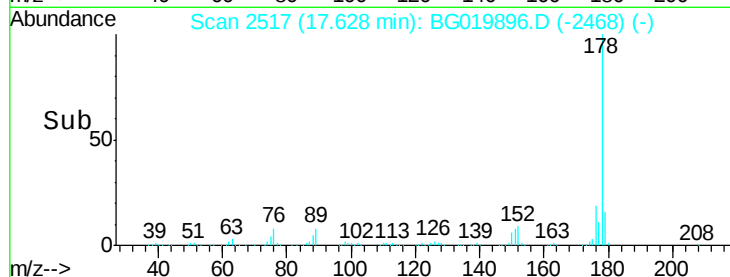
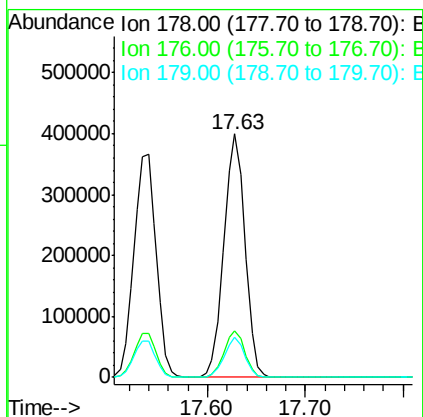
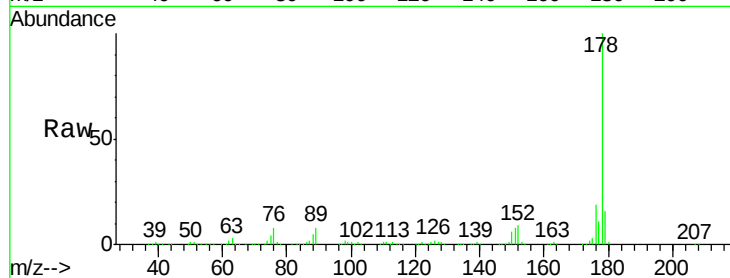




#71
 Anthracene
 Concen: 47.34 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

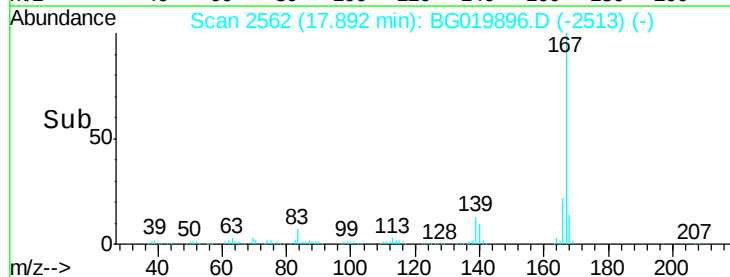
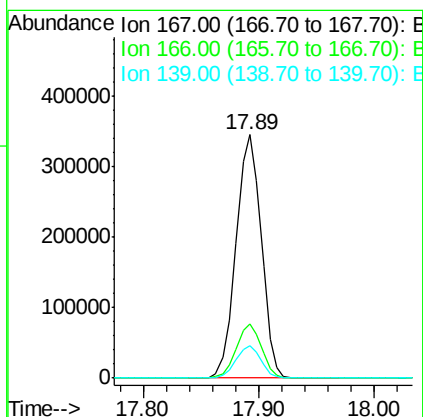
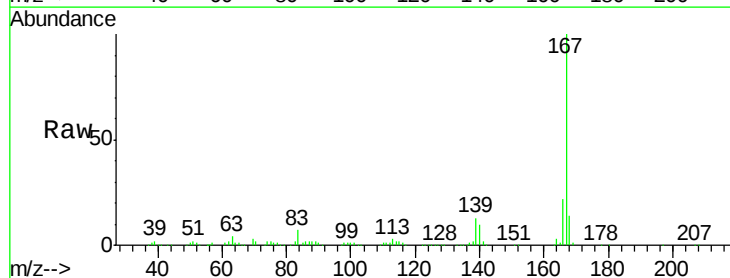
Instrument :
 BNA_G
 ClientSampleId :

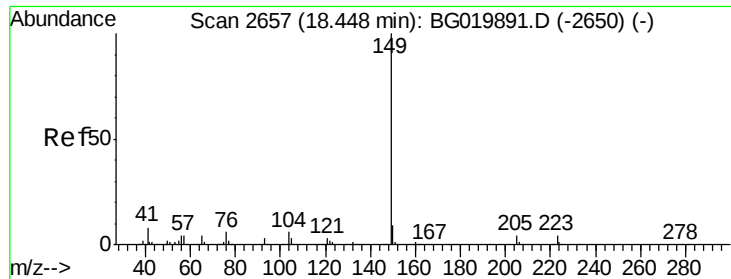
Tot Ion:178 Resp: 598404
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.8 25.2
 179 16.2 13.9 20.9



#72
 Carbazole
 Concen: 46.94 ng
 RT: 17.89 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion:167 Resp: 522704
 Ion Ratio Lower Upper
 167 100
 166 22.2 19.0 28.6
 139 13.1 10.2 15.4

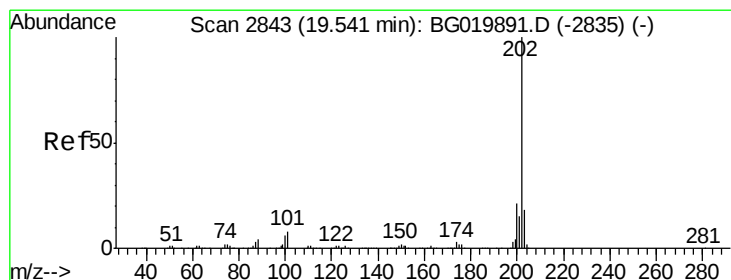
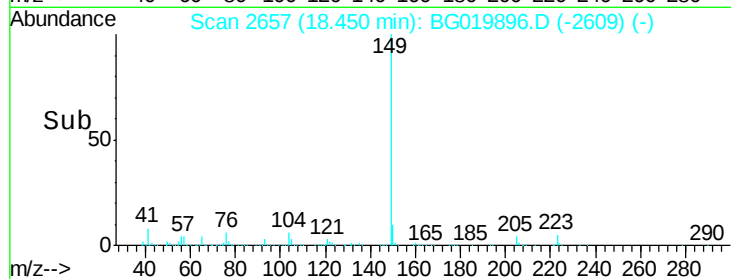
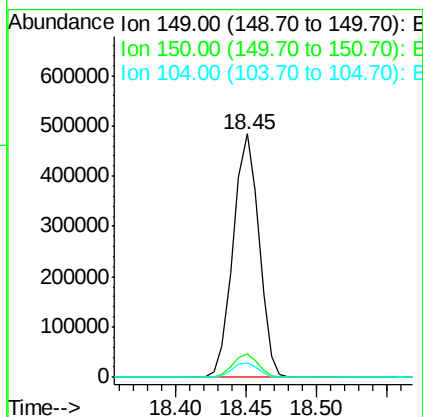
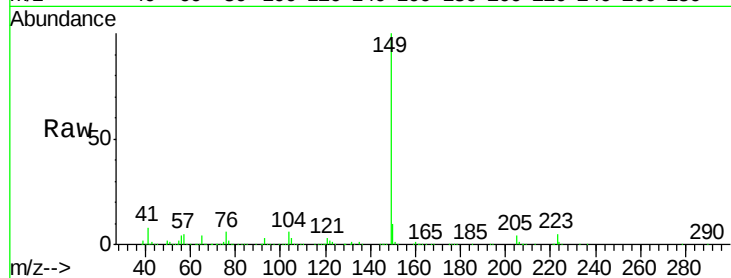




#73
Di-n-butylphthalate
Concen: 45.27 ng
RT: 18.45 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

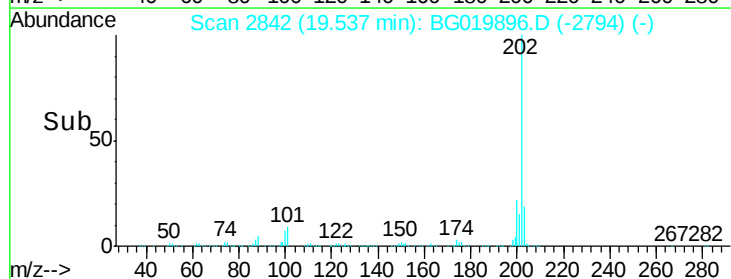
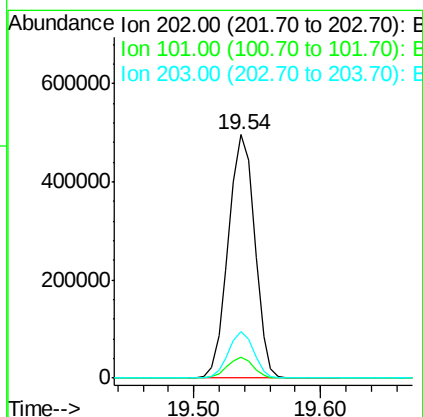
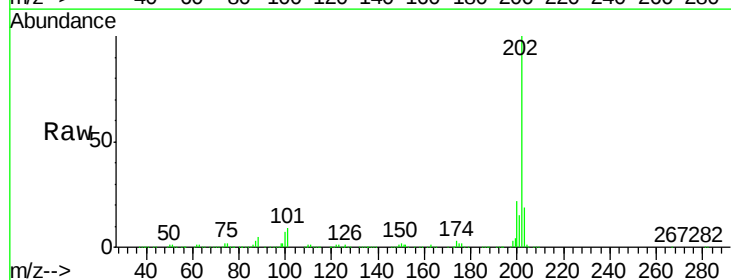
Instrument :
BNA_G
ClientSampleId :

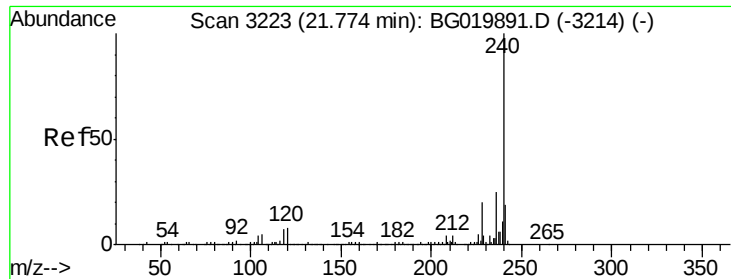
Tot Ion:149 Resp: 617900
Ion Ratio Lower Upper
149 100
150 9.8 8.2 12.4
104 6.2 4.4 6.6



#74
Fluoranthene
Concen: 45.01 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion:202 Resp: 714317
Ion Ratio Lower Upper
202 100
101 8.6 0.0 32.4
203 18.9 0.0 39.5

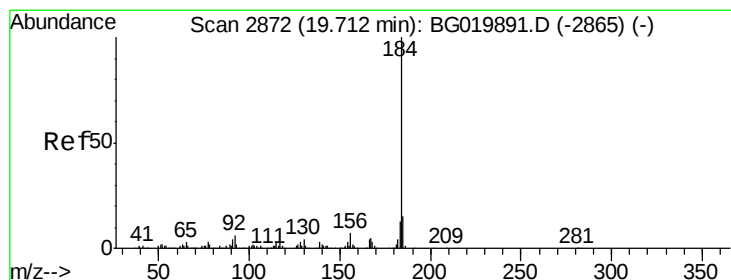
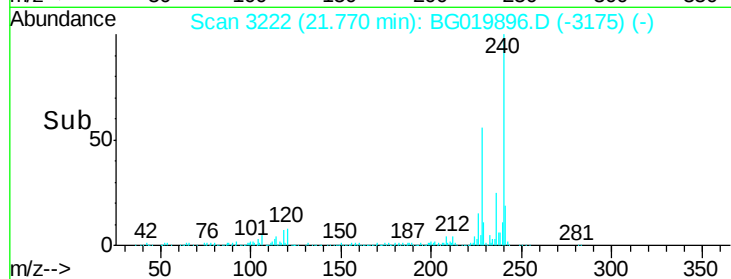
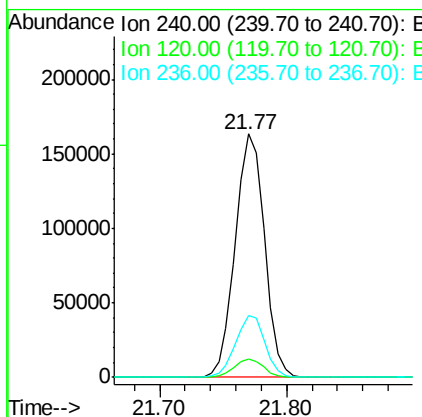
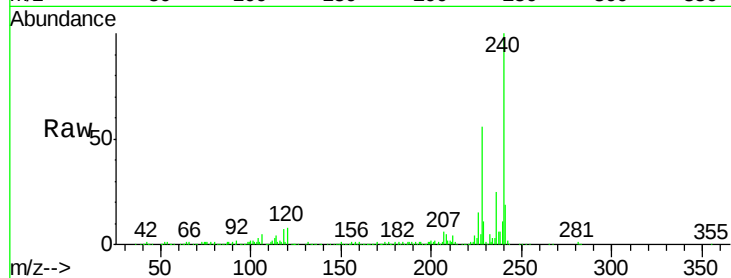




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.02 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

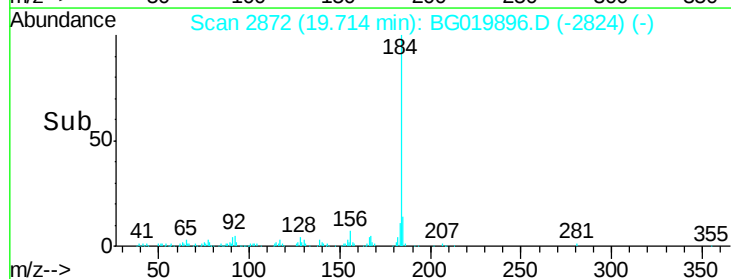
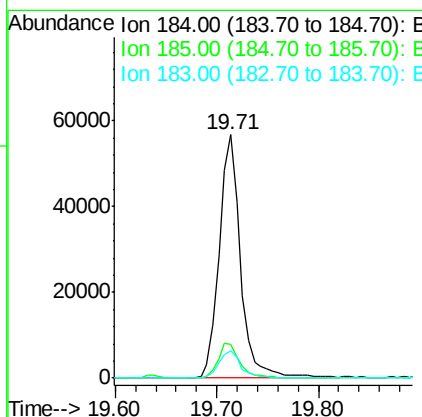
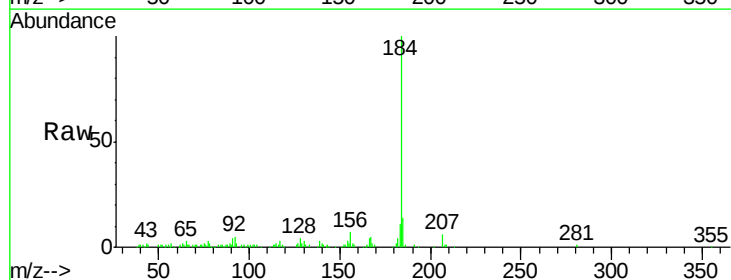
Instrument :
 BNA_G
 ClientSampleId :

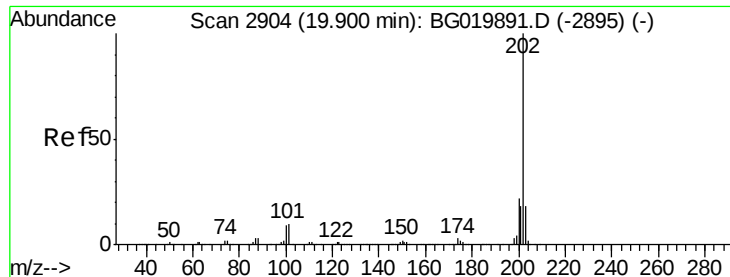
Tot Ion:240 Resp: 260132
 Ion Ratio Lower Upper
 240 100
 120 7.6 7.4 11.0
 236 25.2 20.7 31.1



#76
 Benzidine
 Concen: 9.74 ng
 RT: 19.71 min Scan# 2872
 Delta R.T. -0.02 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion:184 Resp: 83251
 Ion Ratio Lower Upper
 184 100
 185 14.0 13.4 20.2
 183 11.1 10.1 15.1





#77

Pvrene

Concen: 48.23 ng

RT: 19.90 min Scan# 2904

Delta R.T. -0.01 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

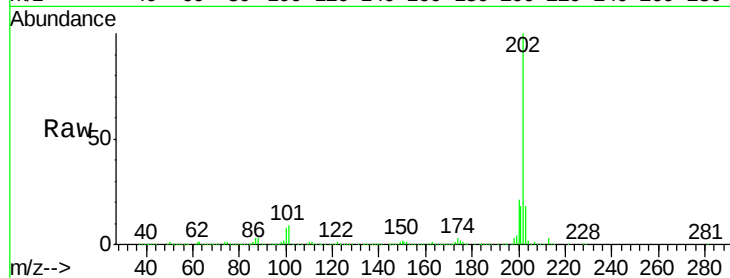
Tot Ion:202 Resp: 738172

Ion Ratio Lower Upper

202 100

200 21.5 19.4 29.0

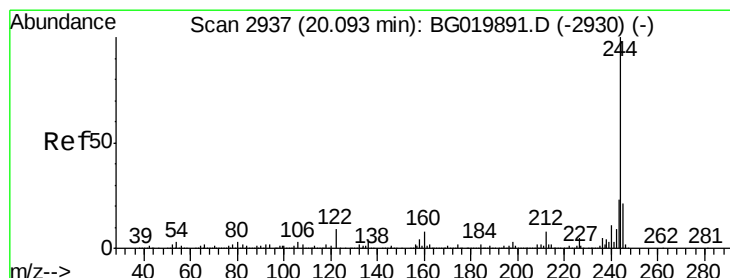
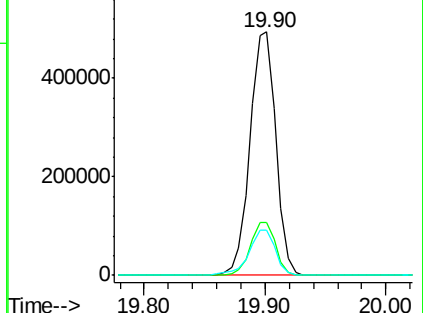
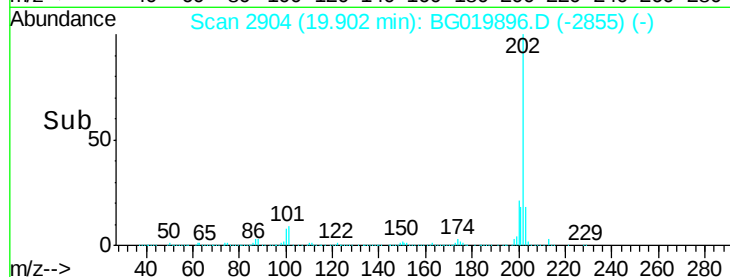
203 18.3 15.5 23.3



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: 88.43 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

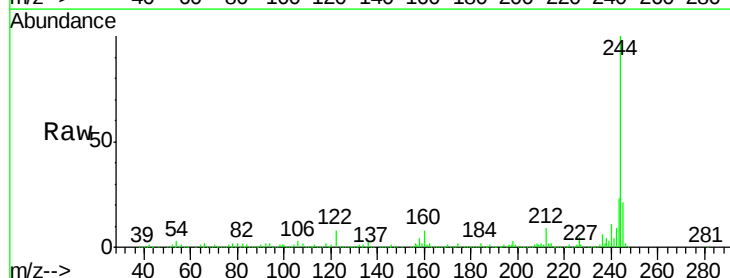
Tgt Ion:244 Resp: 943098

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

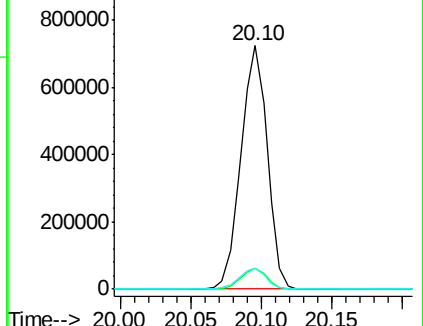
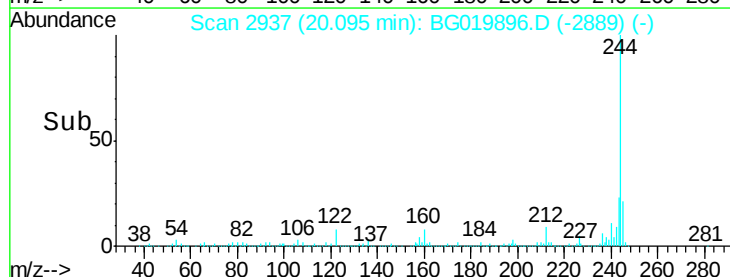
122 8.4 10.2 15.2#

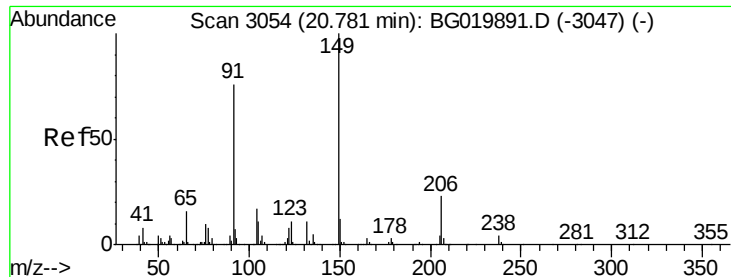


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

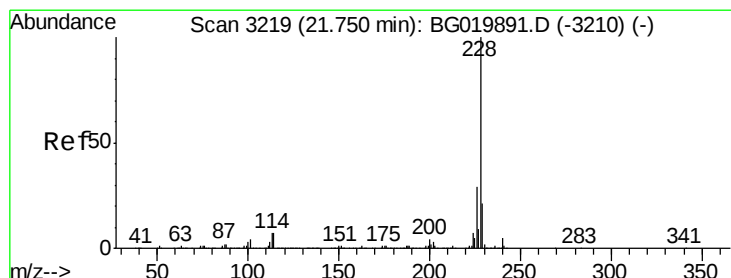
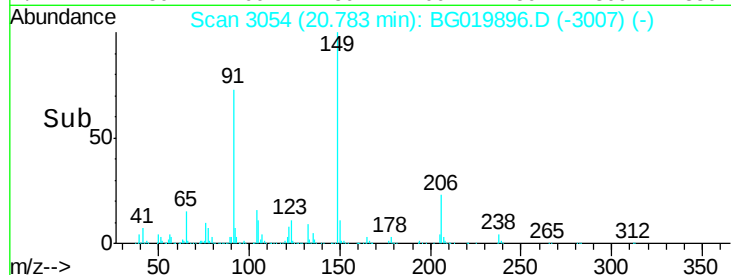
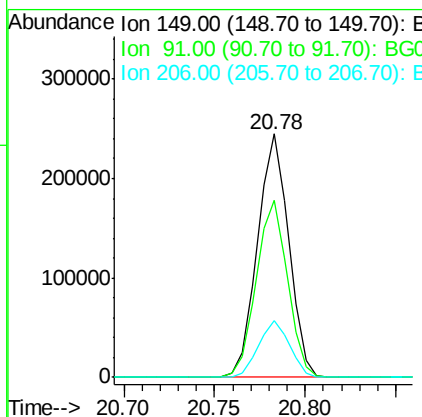
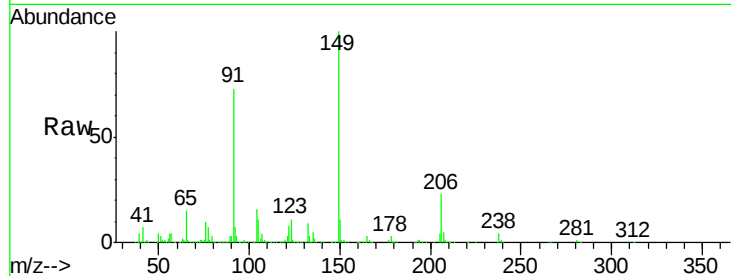




#79
Butylbenzylphthalate
Concen: 48.80 ng
RT: 20.78 min Scan# 3054
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

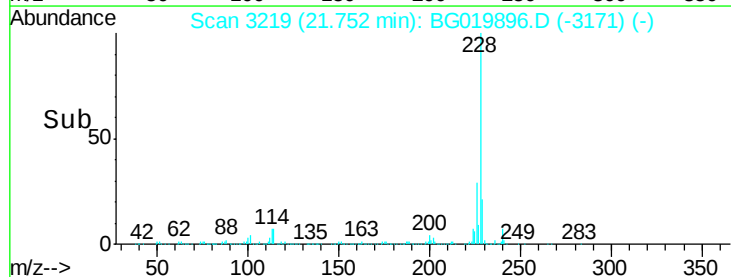
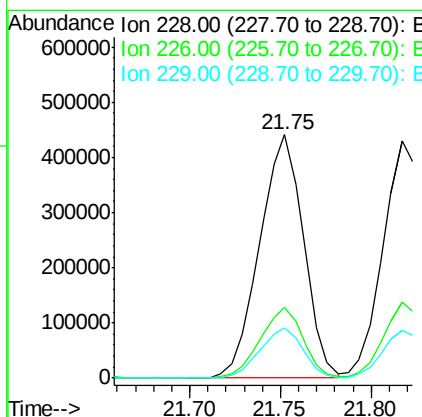
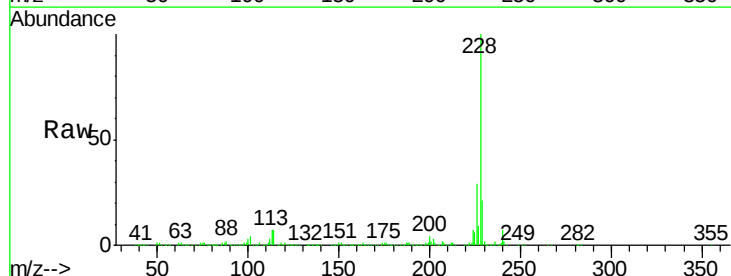
Instrument :
BNA_G
ClientSampleId :

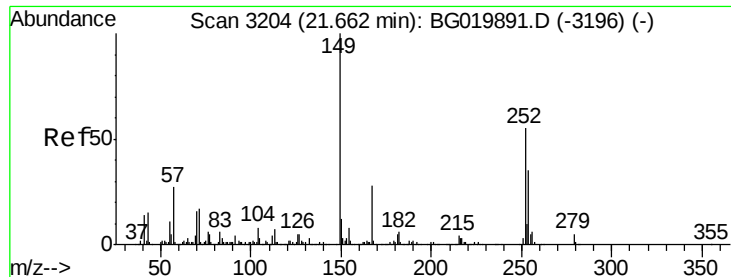
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	58.1	87.1
206	23.1	17.8	26.8



#80
Benzo(a)anthracene
Concen: 46.65 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG019896.D
Acq: 4 Dec 2015 7:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.5	16.6	25.0

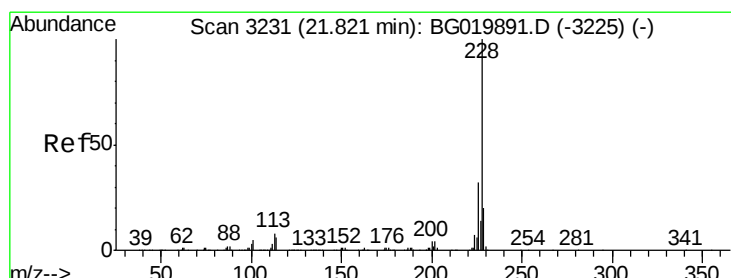
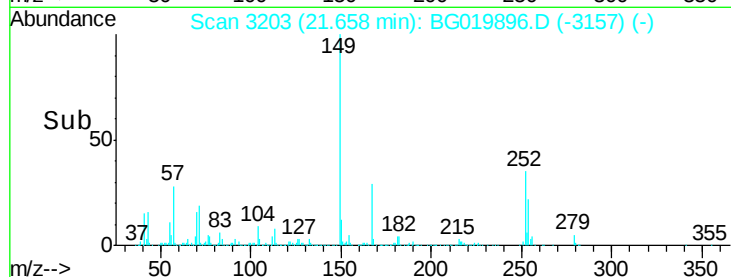
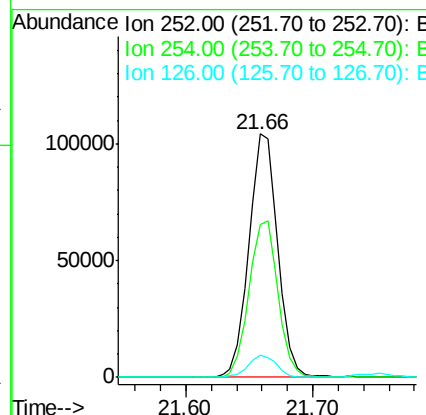
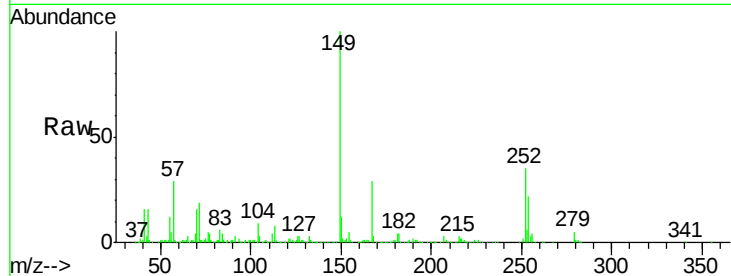




#81
 3,3'-Dichlorobenzidine
 Concen: 27.13 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.03 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

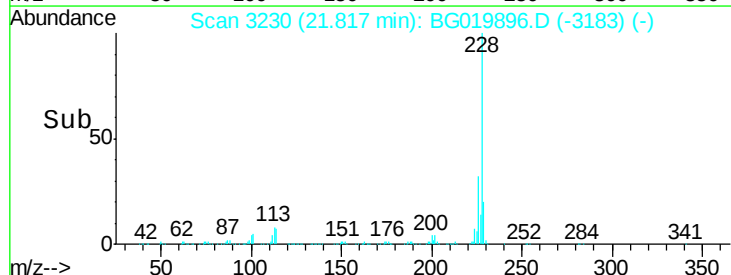
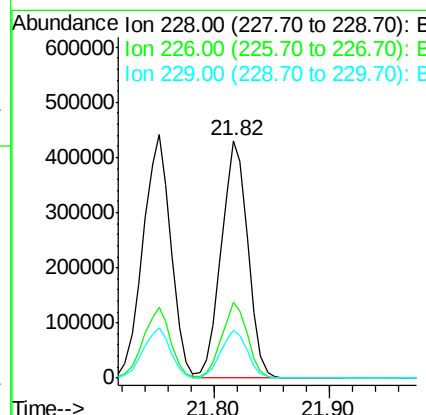
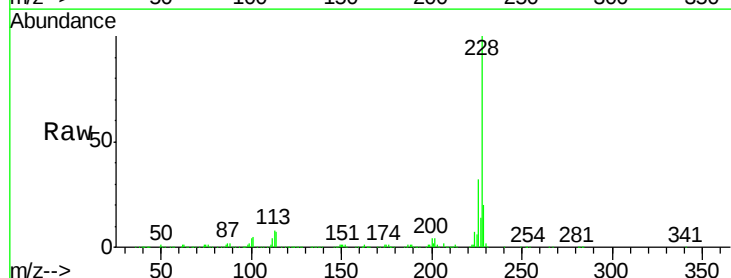
Instrument :
 BNA_G
 ClientSampleId :

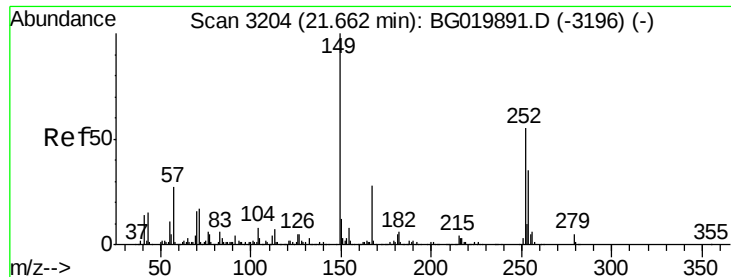
Tot Ion:252 Resp: 164512
 Ion Ratio Lower Upper
 252 100
 254 62.6 52.5 78.7
 126 9.0 8.5 12.7



#82
 Chrysene
 Concen: 45.02 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.02 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion:228 Resp: 680678
 Ion Ratio Lower Upper
 228 100
 226 31.7 26.7 40.1
 229 20.3 17.0 25.6

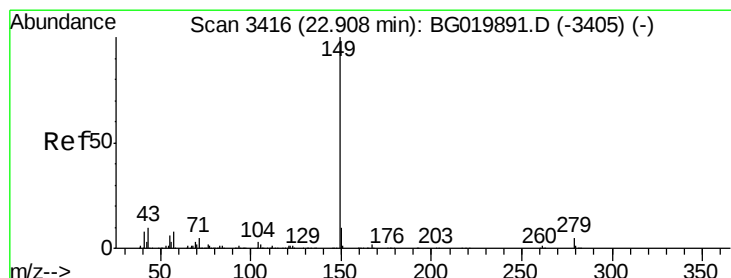
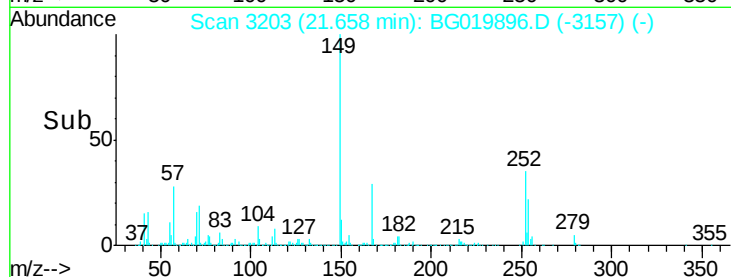
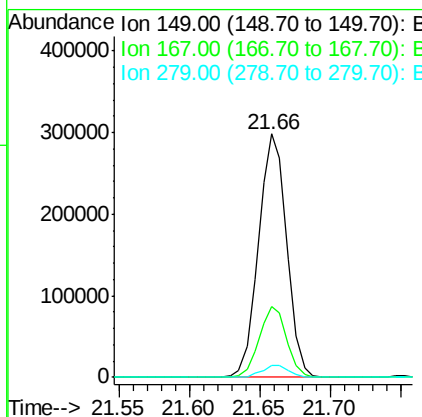
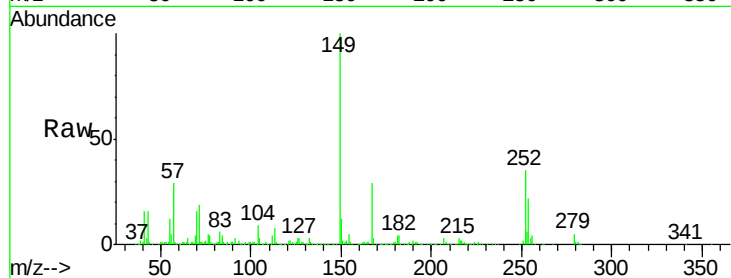




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.30 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.03 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

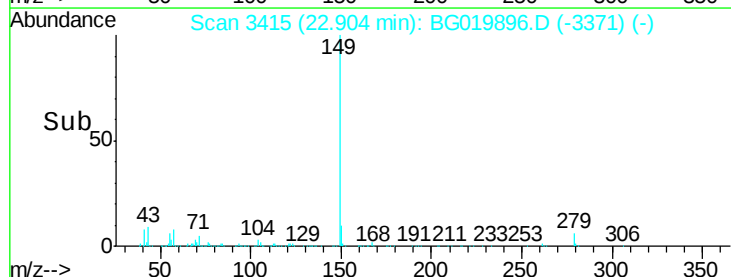
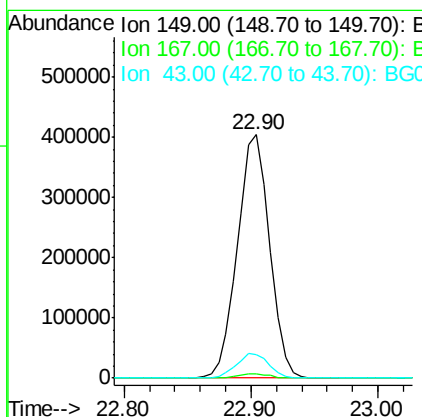
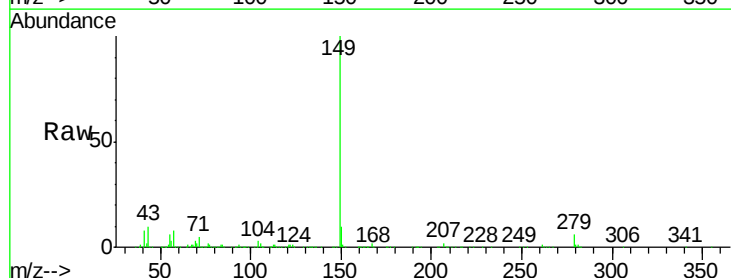
Instrument :
 BNA_G
 ClientSampleId :

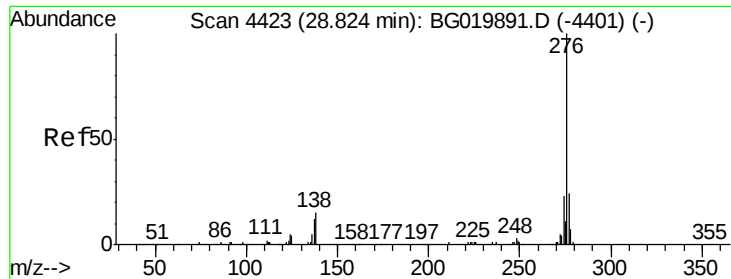
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.8	35.8
279	4.7	3.4	5.2



#84
 Di-n-octyl phthalate
 Concen: 49.46 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.04 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.9	5.9	8.9#

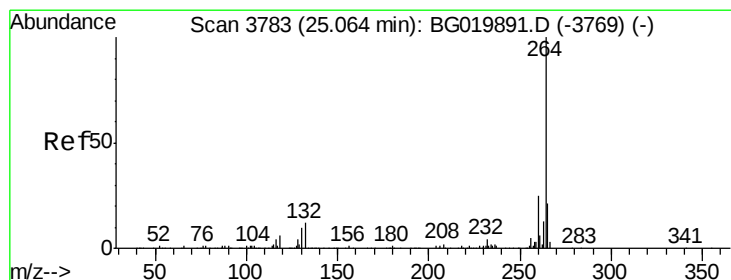
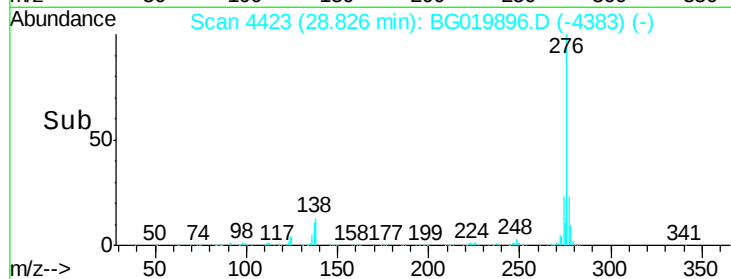
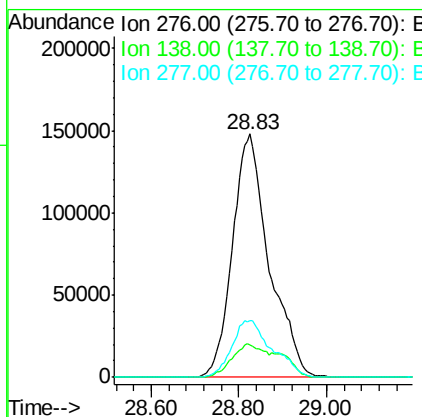
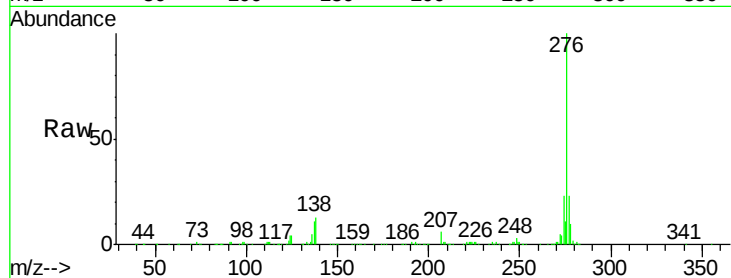




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.46 ng
 RT: 28.83 min Scan# 4423
 Delta R.T. -0.06 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

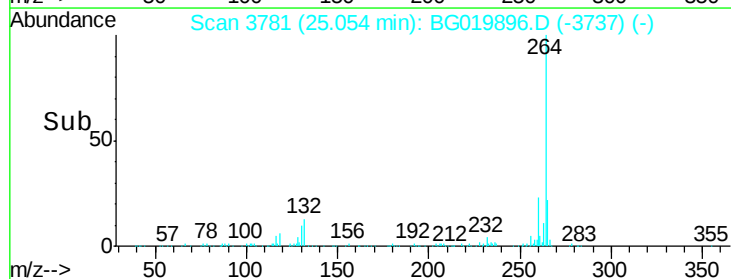
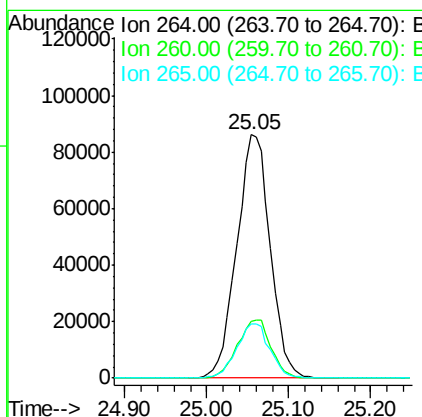
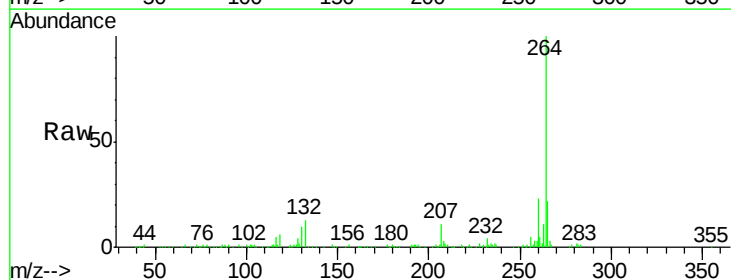
Instrument :
 BNA_G
 ClientSampleId :

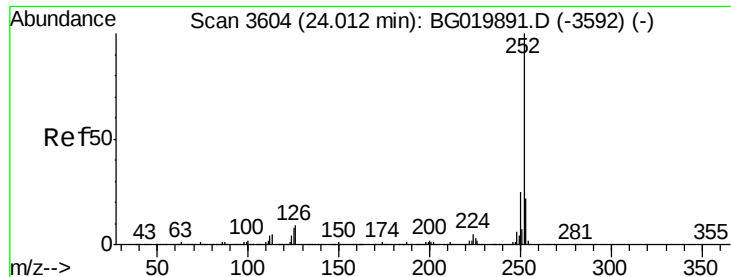
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.1	0.0	0.0#
277	25.7	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.04 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.81 ng

RT: 24.01 min Scan# 3604

Delta R.T. -0.03 min

Lab File: BG019896.D

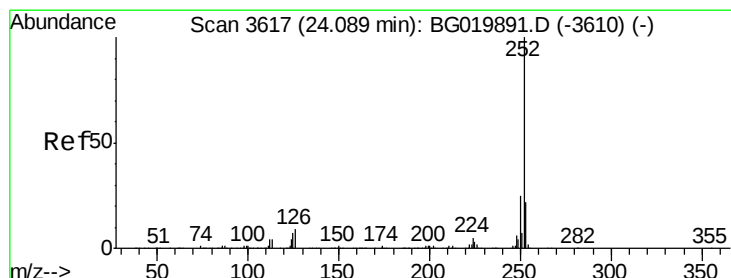
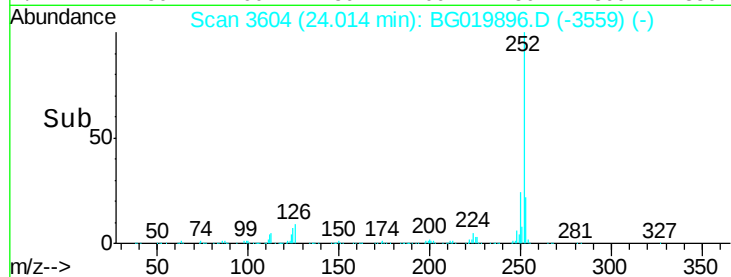
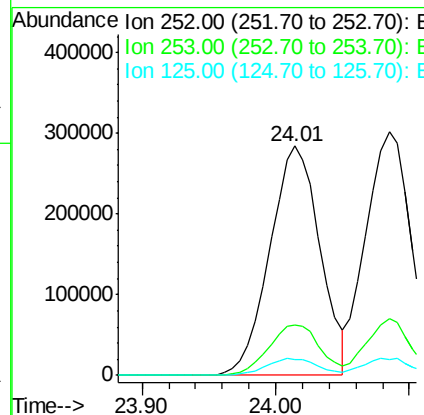
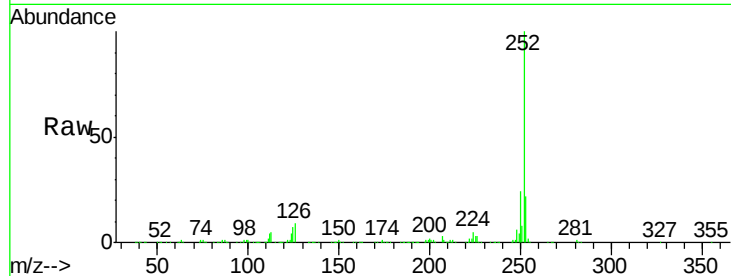
Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	740696
Ion Ratio	Lower	Upper
252	100	
253	22.2	19.1 28.7
125	7.0	8.9 13.3#



#88

Benzo(k)fluoranthene

Concen: 45.81 ng

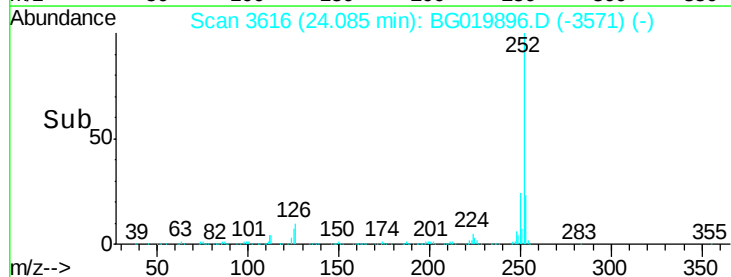
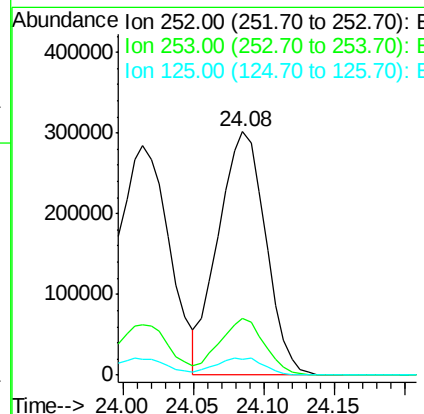
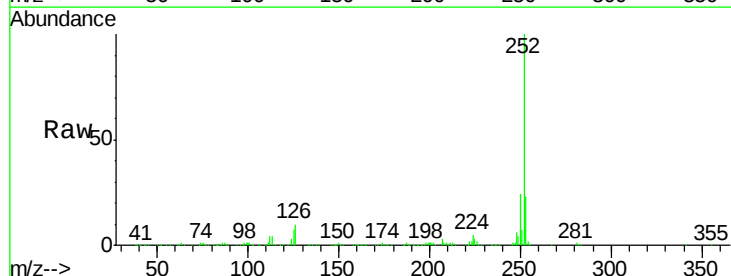
RT: 24.08 min Scan# 3616

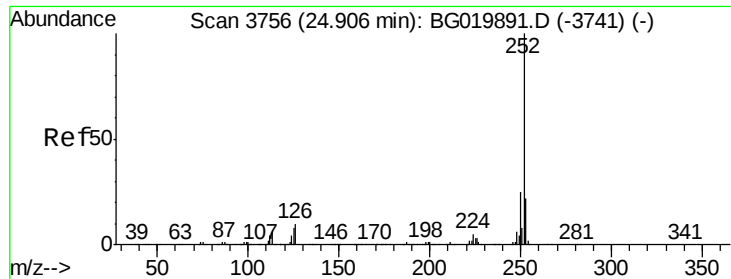
Delta R.T. -0.03 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Tgt Ion:252	Resp:	702802
Ion Ratio	Lower	Upper
252	100	
253	23.1	19.0 28.4
125	6.7	8.9 13.3#





#89

Benzo(a)pyrene

Concen: 48.01 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.03 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

Instrument :

BNA_G

ClientSampleId :

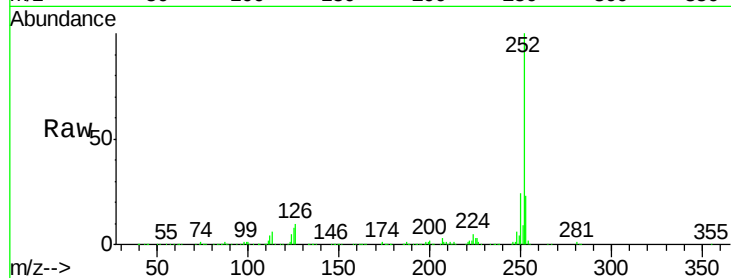
Tot Ion:252 Resp: 706078

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

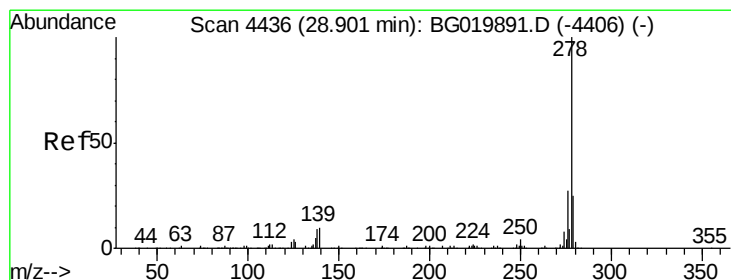
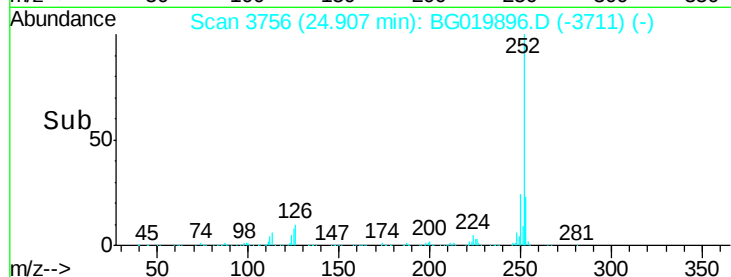
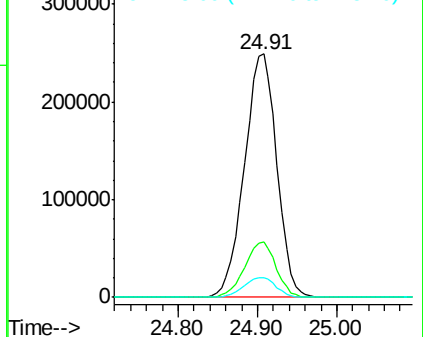
125 8.2 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.79 ng

RT: 28.90 min Scan# 4436

Delta R.T. -0.05 min

Lab File: BG019896.D

Acq: 4 Dec 2015 7:38

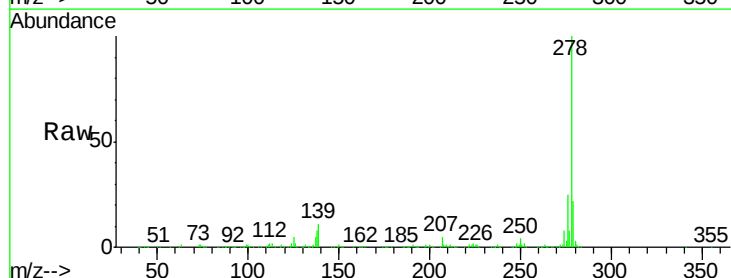
Tgt Ion:278 Resp: 694484

Ion Ratio Lower Upper

278 100

139 11.2 13.8 20.6#

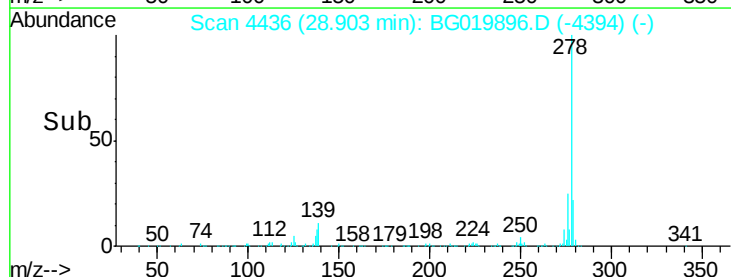
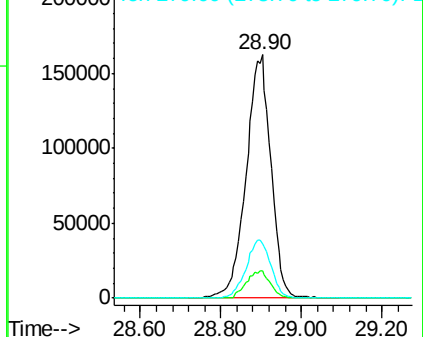
279 22.2 19.4 29.0

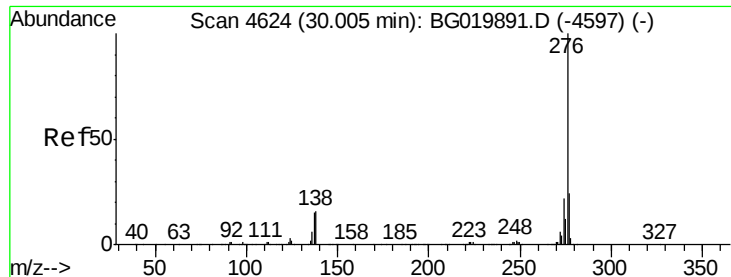


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

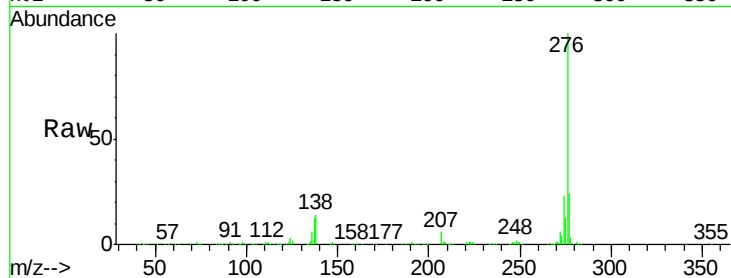




#91
 Benzo(a,h,i)perylene
 Concen: 48.75 ng
 RT: 30.00 min Scan# 4623
 Delta R.T. -0.07 min
 Lab File: BG019896.D
 Acq: 4 Dec 2015 7:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	13.5	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

