

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019099.D
 Acq On : 10 Oct 2015 3:32
 Operator : UM/NP
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 10 06:19:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 06:16:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	23008	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	104641	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	72910	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	183256	20.00	ng	0.00
75) Chrysene-d12	21.69	240	212090	20.00	ng	0.00
86) Perylene-d12	24.91	264	208060	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	86507	66.08	ng	0.00
7) Phenol-d6	7.20	99	135915	71.79	ng	0.00
23) Nitrobenzene-d5	9.20	82	152296	80.40	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	77846	78.52	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	369370	70.70	ng	0.00
78) Terphenyl-d14	20.02	244	625740	77.16	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	17452	31.75	ng	100
3) Pyridine	3.91	79	56927	33.47	ng	100
4) n-Nitrosodimethylamine	3.82	42	32351	50.87	ng	100
6) Aniline	7.36	93	91074	35.00	ng	100
8) 2-Chlorophenol	7.60	128	54275	35.52	ng	100
9) Benzaldehyde	7.17	77	42323	40.80	ng	100
10) Phenol	7.22	94	70936	35.47	ng	100
11) bis(2-Chloroethyl)ether	7.45	93	51669	33.52	ng	100
12) 1,3-Dichlorobenzene	7.92	146	59522	33.66	ng	100
13) 1,4-Dichlorobenzene	8.07	146	60114	33.97	ng	100
14) 1,2-Dichlorobenzene	8.39	146	58152	34.38	ng	100
15) Benzyl Alcohol	8.27	79	62009	43.98	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.57	45	111140	56.85	ng	100
17) 2-Methylphenol	8.47	107	51825	37.02	ng	100
18) Hexachloroethane	9.12	117	23249	36.35	ng	100
19) n-Nitroso-di-n-propylamine	8.84	70	54340	39.88	ng	100
20) 3+4-Methylphenols	8.80	107	73994	37.51	ng	100
22) Acetophenone	8.86	105	95025	36.03	ng	100
24) Nitrobenzene	9.24	77	78946	39.41	ng	100
25) Isophorone	9.76	82	153362	37.96	ng	100
26) 2-Nitrophenol	9.95	139	34336	37.37	ng	100
27) 2,4-Dimethylphenol	10.01	122	59111	35.37	ng	100
28) bis(2-Chloroethoxy)methane	10.24	93	80573	35.19	ng	100
29) 2,4-Dichlorophenol	10.49	162	61928	36.66	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	65156	34.91	ng	100
31) Naphthalene	10.89	128	196457	35.31	ng	100
32) Benzoic acid	10.15	122	34888	29.33	ng	100
33) 4-Chloroaniline	10.99	127	91492	36.15	ng	100
34) Hexachlorobutadiene	11.18	225	45374	40.17	ng	100
35) Caprolactam	11.77	113	23732	33.19	ng	100
36) 4-Chloro-3-methylphenol	12.12	107	79464	41.17	ng	100
37) 2-Methylnaphthalene	12.49	142	152144	37.07	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	83498	36.17	ng	100
40) Hexachlorocyclopentadiene	12.84	237	45822	39.30	ng	100

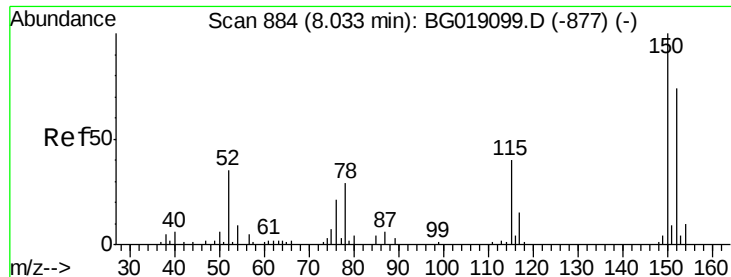
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019099.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 06:16:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	60005	37.54	ng	100
43) 2,4,5-Trichlorophenol	13.17	196	63712	36.34	ng	100
45) 1,1'-Biphenyl	13.50	154	203915	35.33	ng	100
46) 2-Chloronaphthalene	13.54	162	160660	36.00	ng	100
47) 2-Nitroaniline	13.74	65	65461	46.97	ng	100
48) Acenaphthylene	14.39	152	281434	35.79	ng	100
49) Dimethylphthalate	14.12	163	220867	36.54	ng	100
50) 2,6-Dinitrotoluene	14.24	165	49249	37.57	ng	100
51) Acenaphthene	14.73	154	168048	36.58	ng	100
52) 3-Nitroaniline	14.57	138	53002	34.31	ng	100
53) 2,4-Dinitrophenol	14.77	184	24426	43.34	ng	100
54) Dibenzofuran	15.06	168	246221	34.72	ng	100
55) 4-Nitrophenol	14.87	139	41697	35.06	ng	100
56) 2,4-Dinitrotoluene	15.02	165	71039	38.25	ng	100
57) Fluorene	15.71	166	212513	34.80	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	59578	36.14	ng	100
59) Diethylphthalate	15.48	149	232717	36.89	ng	100
60) 4-Chlorophenyl-phenylether	15.70	204	107847	36.52	ng	100
61) 4-Nitroaniline	15.73	138	58151	34.85	ng	100
62) Azobenzene	15.99	77	216854	38.70	ng	100
64) 4,6-Dinitro-2-methylphenol	15.78	198	41276	43.93	ng	100
65) n-Nitrosodiphenylamine	15.92	169	197700	37.29	ng	100
66) 4-Bromophenyl-phenylether	16.60	248	73346	39.13	ng	100
67) Hexachlorobenzene	16.72	284	86004	41.77	ng	100
68) Atrazine	16.86	200	82110	38.84	ng	100
69) Pentachlorophenol	17.06	266	49038	39.44	ng	100
70) Phenanthrene	17.45	178	363891	37.77	ng	100
71) Anthracene	17.54	178	367246	37.63	ng	100
72) Carbazole	17.81	167	339852	36.32	ng	100
73) Di-n-butylphthalate	18.37	149	419420	37.85	ng	100
74) Fluoranthene	19.46	202	464589	38.82	ng	100
76) Benzidine	19.64	184	221911	35.33	ng	100
77) Pyrene	19.82	202	467805	36.13	ng	100
79) Butylbenzylphthalate	20.71	149	191654	36.50	ng	100
80) Benzo(a)anthracene	21.66	228	444334	36.57	ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	165086	35.95	ng	100
82) Chrysene	21.73	228	415508	36.33	ng	100
83) Bis(2-ethylhexyl)phthalate	21.58	149	263734	35.01	ng	100
84) Di-n-octyl phthalate	22.80	149	450523	35.31	ng	100
85) Indeno(1,2,3-cd)pyrene	28.60	276	507523	35.16	ng	100
87) Benzo(b)fluoranthene	23.89	252	428215	35.80	ng	100
88) Benzo(k)fluoranthene	23.96	252	429056	35.65	ng	100
89) Benzo(a)pyrene	24.77	252	406953	35.73	ng	100
90) Dibenzo(a,h)anthracene	28.67	278	435242	38.41	ng	100
91) Benzo(g,h,i)perylene	29.75	276	403575	35.37	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampled :

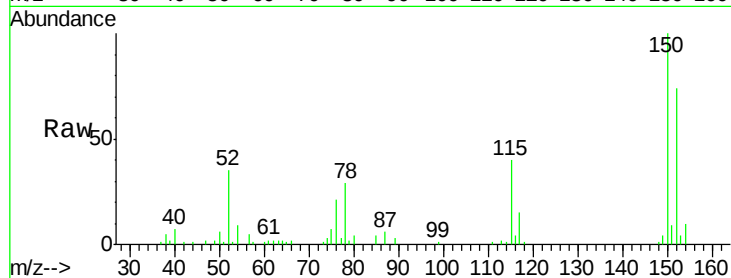
Tot Ion:152 Resp: 23008

Ion Ratio Lower Upper

152 100

150 135.2 108.2 162.2

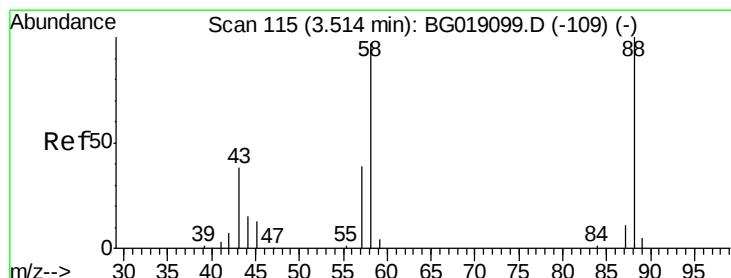
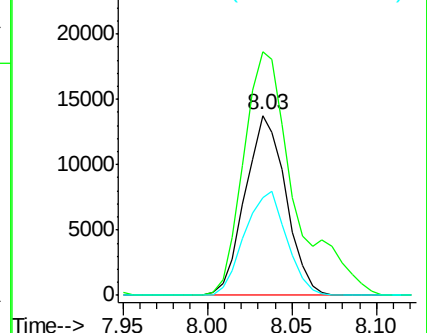
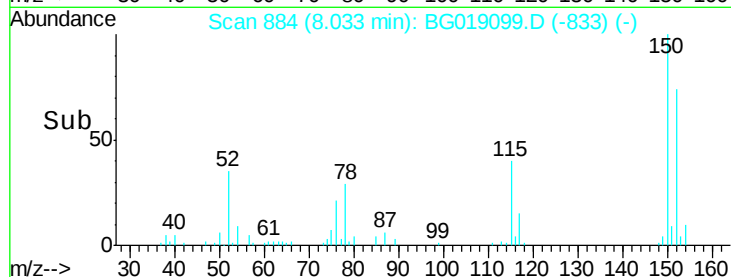
115 54.0 43.2 64.8



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: 31.75 ng

RT: 3.51 min Scan# 115

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

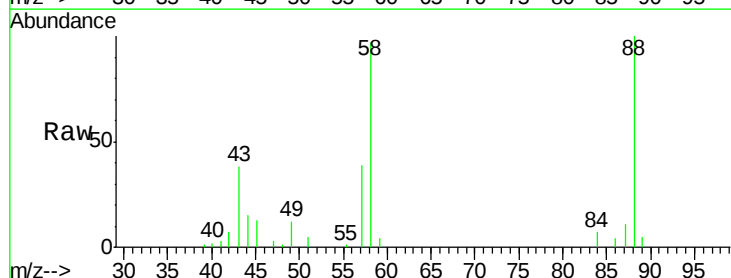
Tgt Ion: 88 Resp: 17452

Ion Ratio Lower Upper

88 100

58 101.4 81.1 121.7

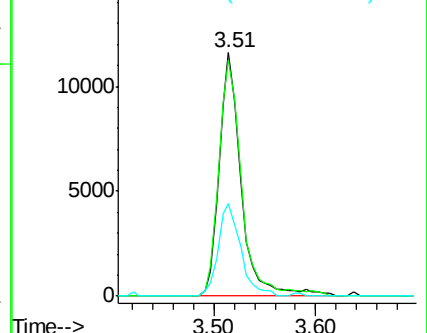
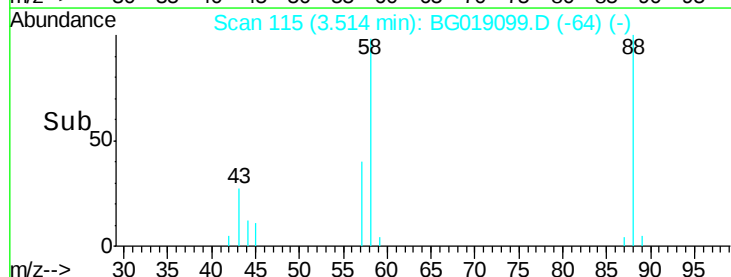
43 38.8 31.0 46.6

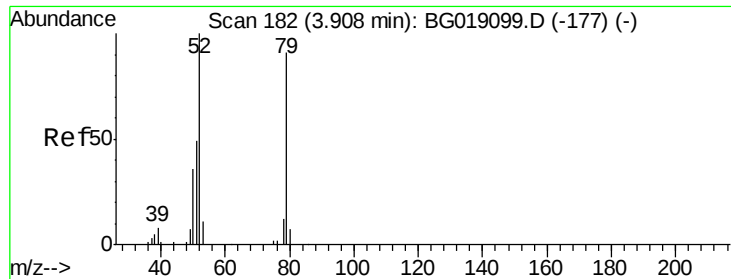


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.47 ng

RT: 3.91 min Scan# 182

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

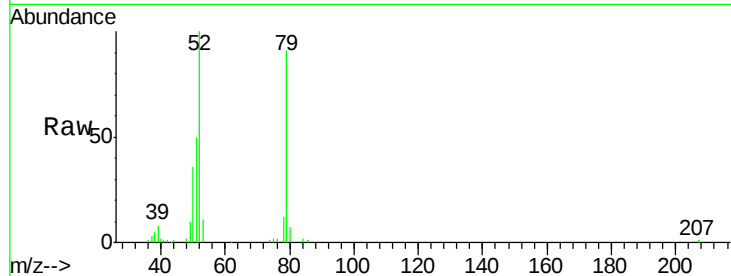
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 56927

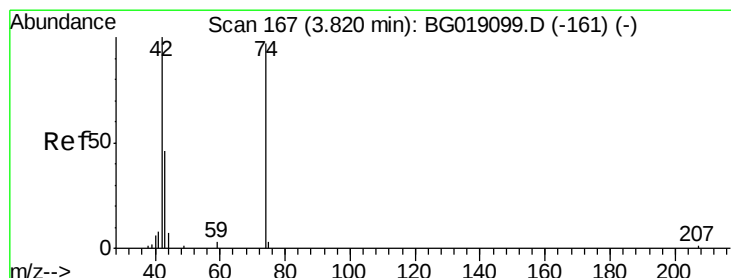
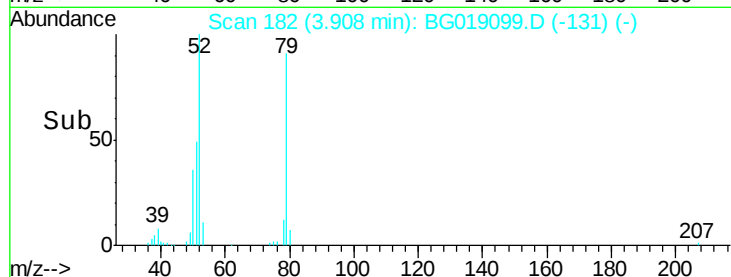
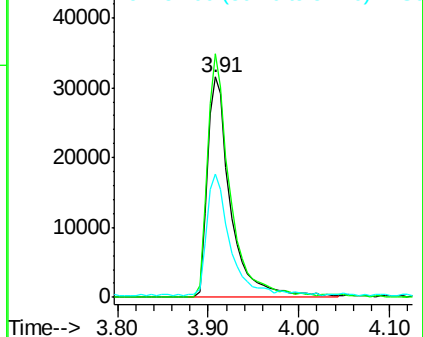
Ion	Ratio	Lower	Upper
79	100		
52	110.4	88.3	132.5
51	55.7	44.6	66.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 50.87 ng

RT: 3.82 min Scan# 167

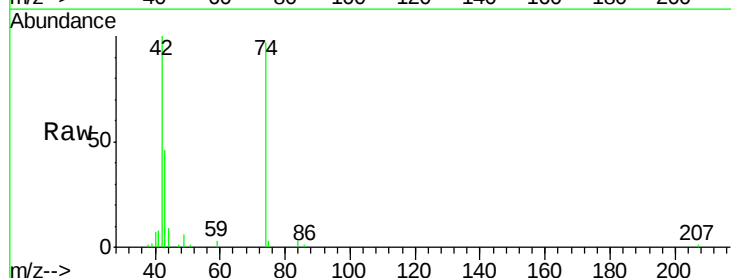
Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Tgt Ion: 42 Resp: 32351

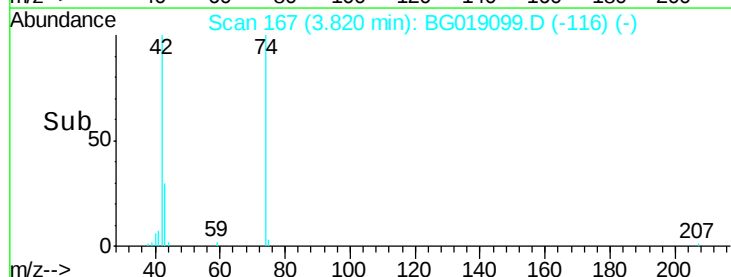
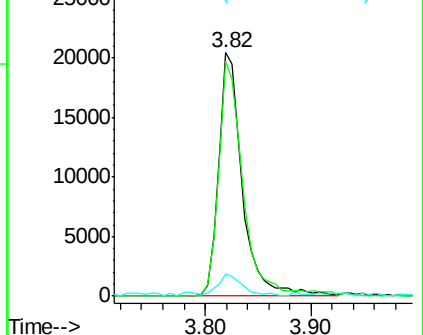
Ion	Ratio	Lower	Upper
42	100		
74	96.6	77.3	115.9
44	9.0	7.2	10.8

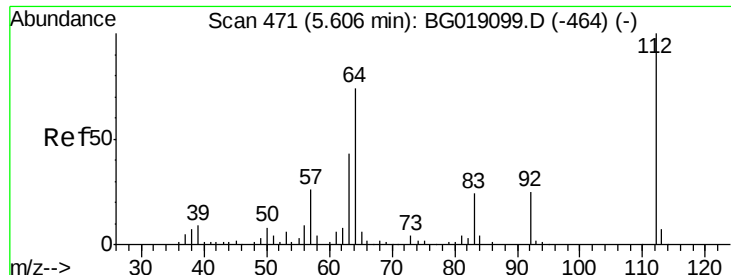


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 66.08 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

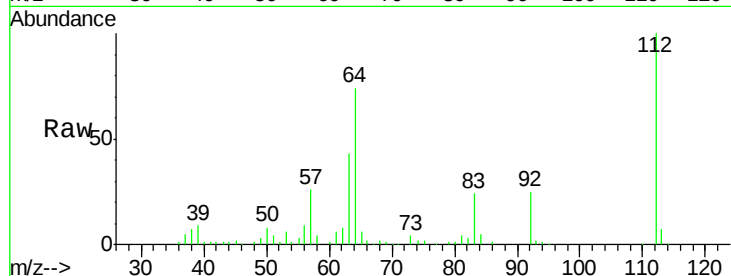
Tot Ion:112 Resp: 86507

Ion Ratio Lower Upper

112 100

64 73.7 59.0 88.4

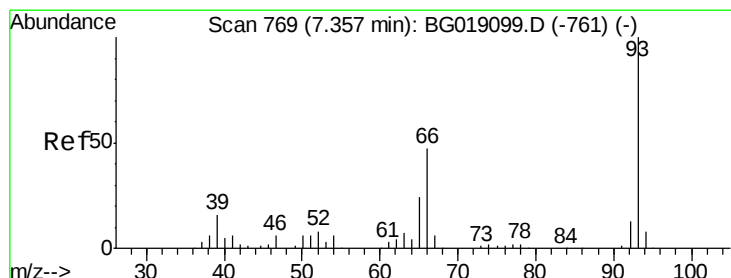
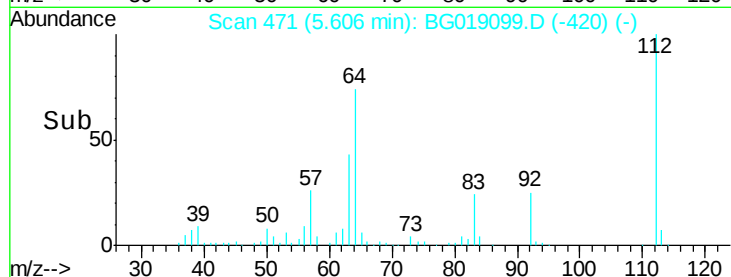
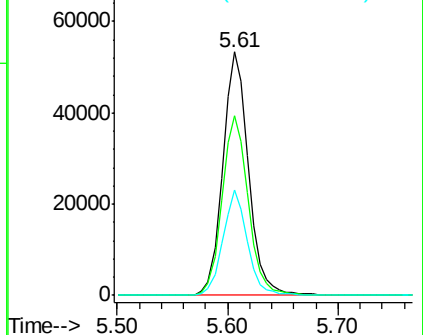
63 43.4 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.00 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

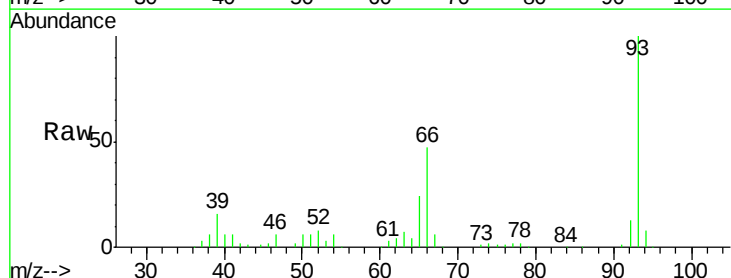
Tgt Ion: 93 Resp: 91074

Ion Ratio Lower Upper

93 100

66 46.8 37.4 56.2

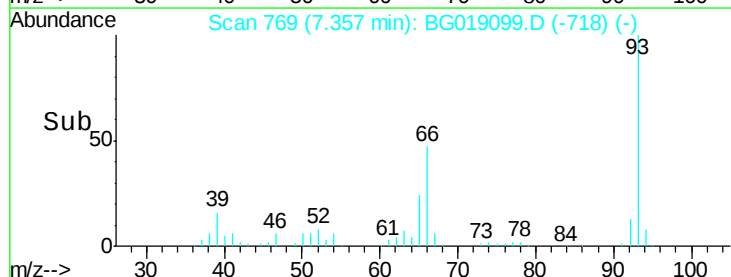
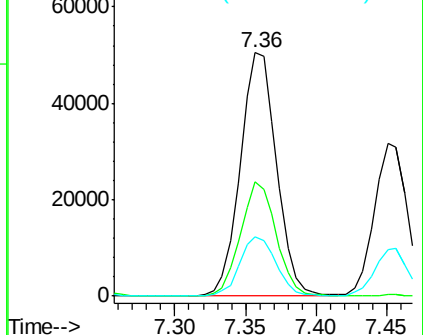
65 24.5 19.6 29.4

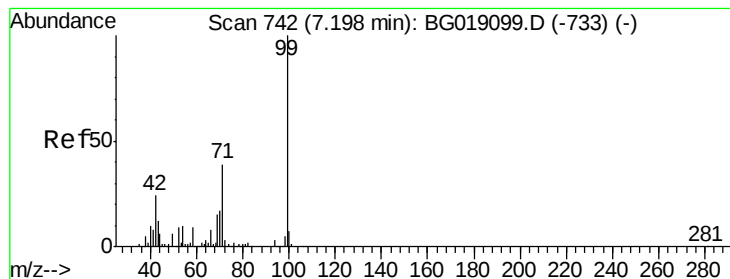


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 71.79 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampled :

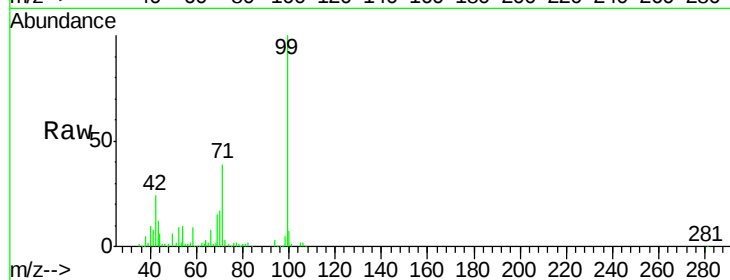
Tot Ion: 99 Resp: 135915

Ion Ratio Lower Upper

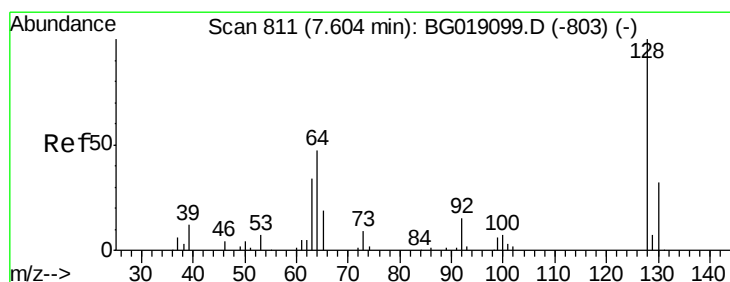
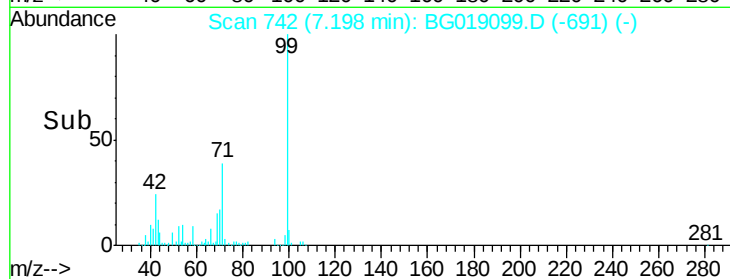
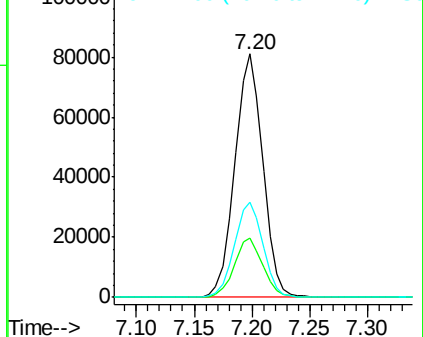
99 100

42 24.4 19.5 29.3

71 39.2 31.4 47.0



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: 35.52 ng

RT: 7.60 min Scan# 811

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

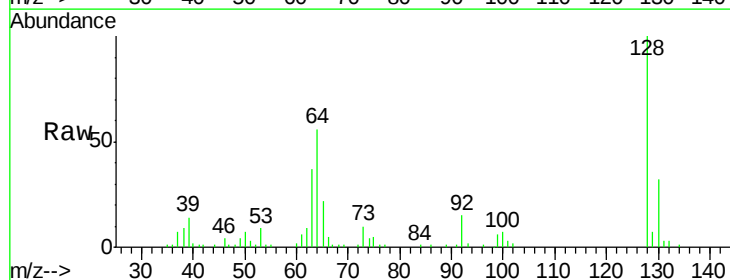
Tgt Ion: 128 Resp: 54275

Ion Ratio Lower Upper

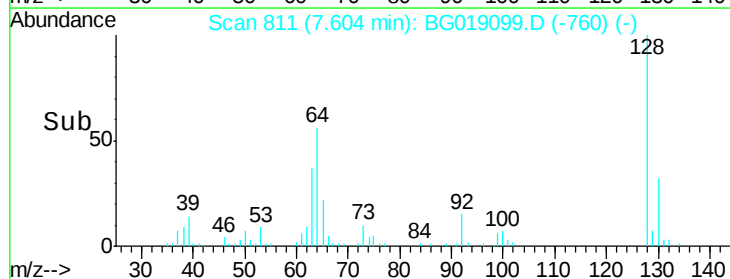
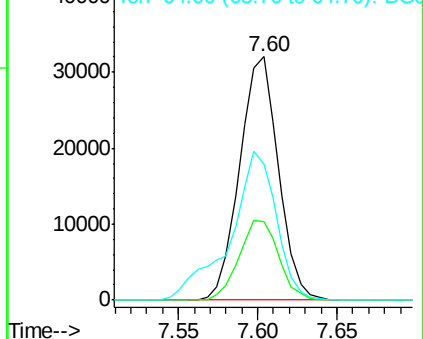
128 100

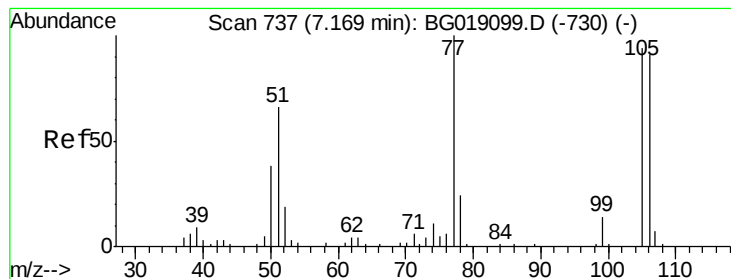
130 32.3 12.3 52.3

64 55.8 35.8 75.8



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: 40.80 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

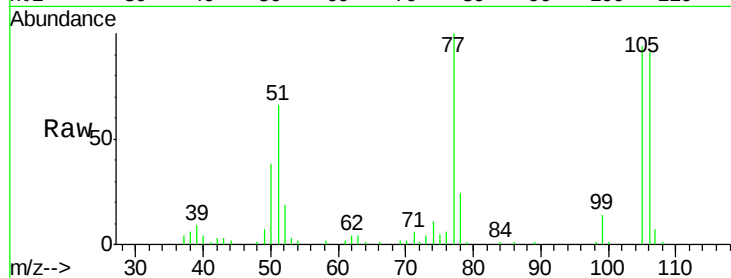
Tot Ion: 77 Resp: 42323

Ion Ratio Lower Upper

77 100

105 93.7 73.7 113.7

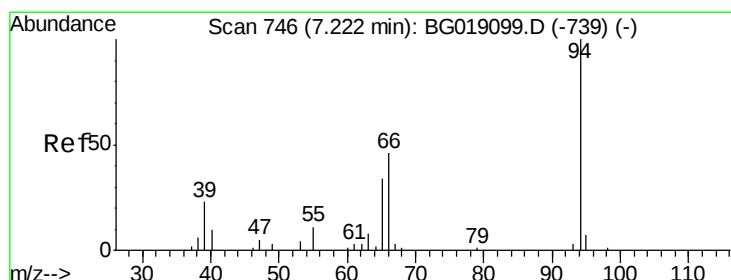
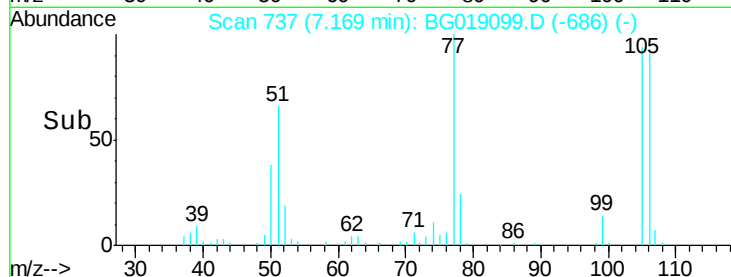
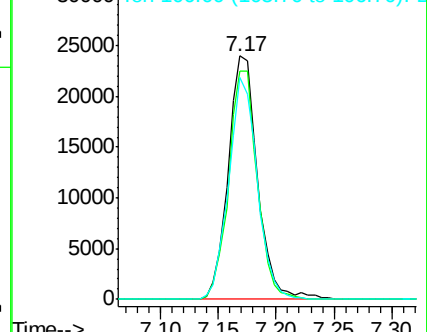
106 91.0 71.0 111.0



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: 35.47 ng

RT: 7.22 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

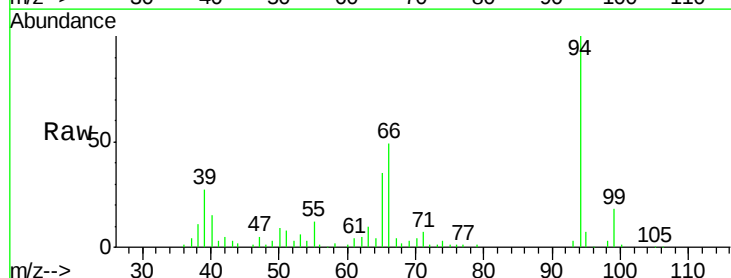
Tgt Ion: 94 Resp: 70936

Ion Ratio Lower Upper

94 100

65 35.2 15.2 55.2

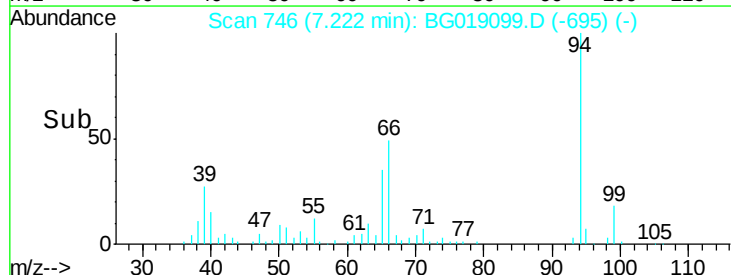
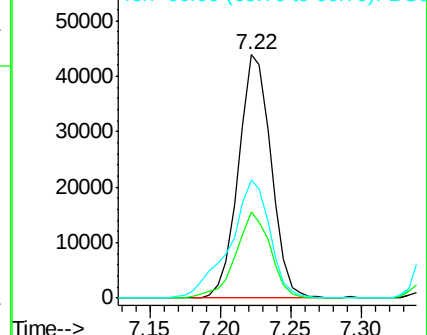
66 48.7 28.7 68.7



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

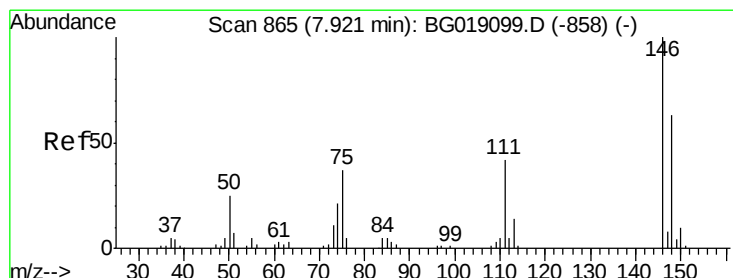
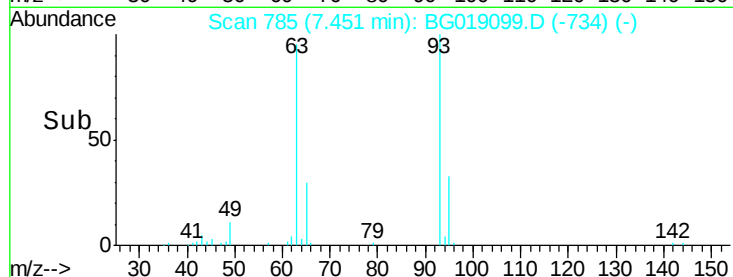
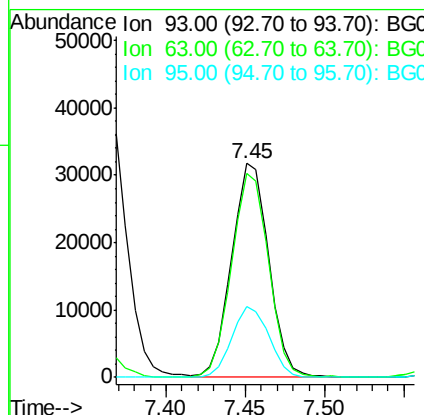
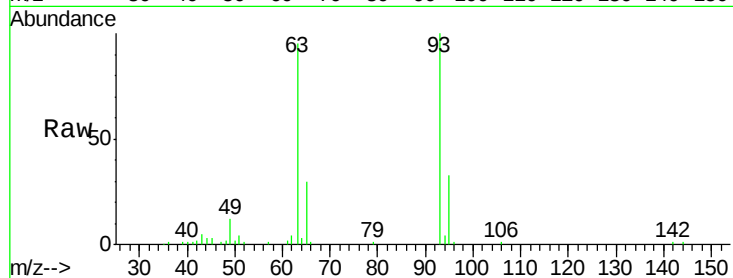




#11
bis(2-Chloroethyl)ether
Concen: 33.52 ng
RT: 7.45 min Scan# 785
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

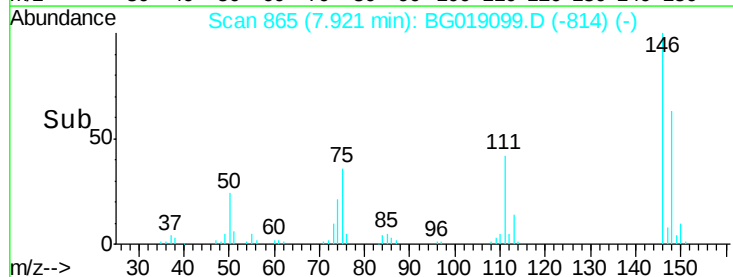
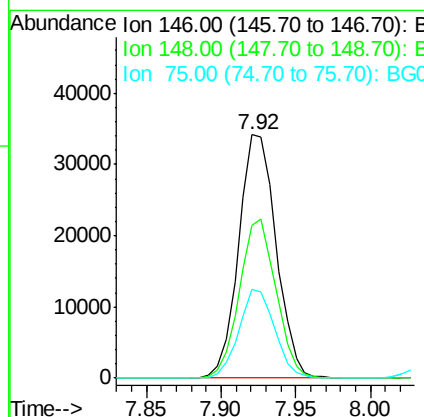
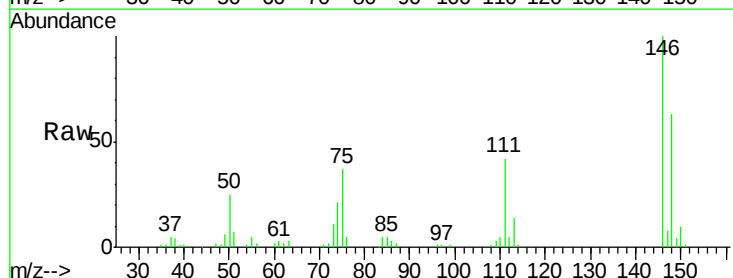
Instrument :
BNA_G
ClientSampleId :

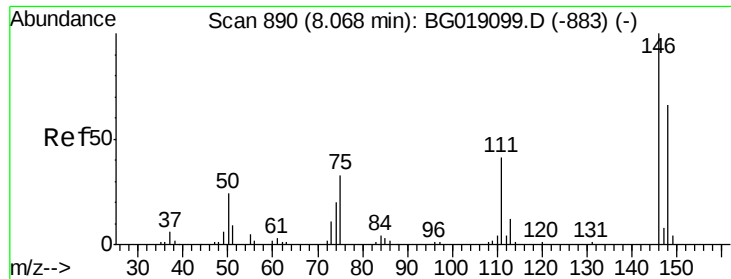
Tot Ion: 93 Resp: 51669
Ion Ratio Lower Upper
93 100
63 95.3 75.3 115.3
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 33.66 ng
RT: 7.92 min Scan# 865
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion: 146 Resp: 59522
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
75 36.6 29.3 43.9

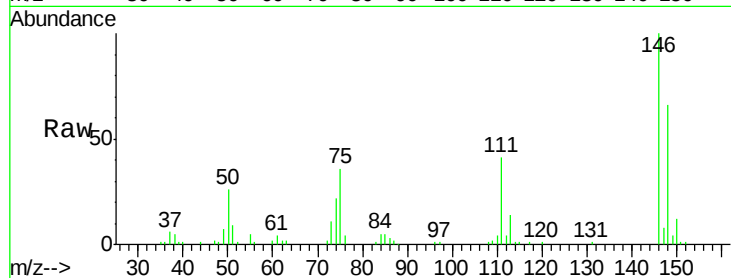




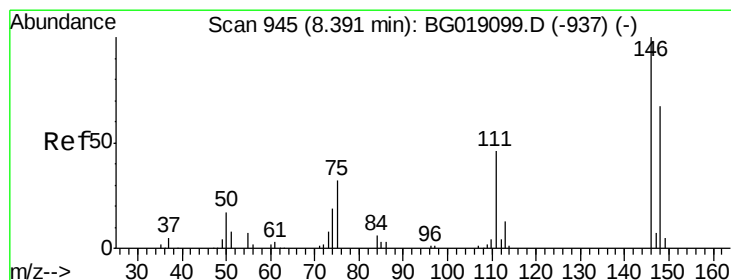
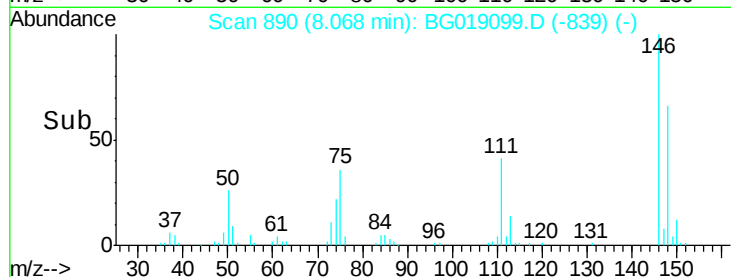
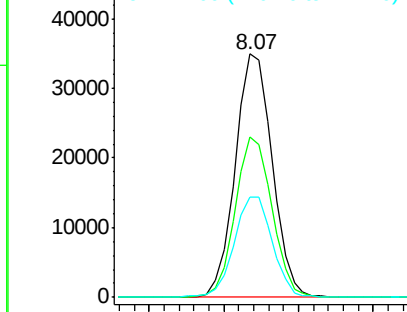
#13
 1,4-Dichlorobenzene
 Concen: 33.97 ng
 RT: 8.07 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 60114
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.9 79.3
 111 41.4 33.1 49.7

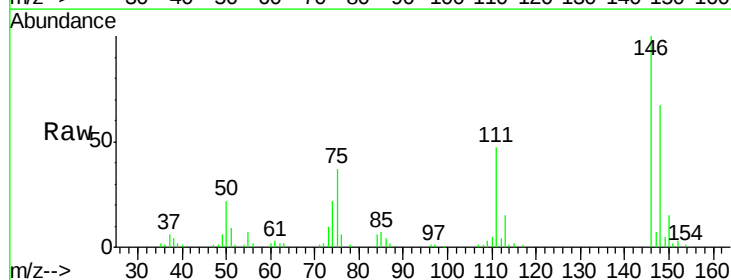


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

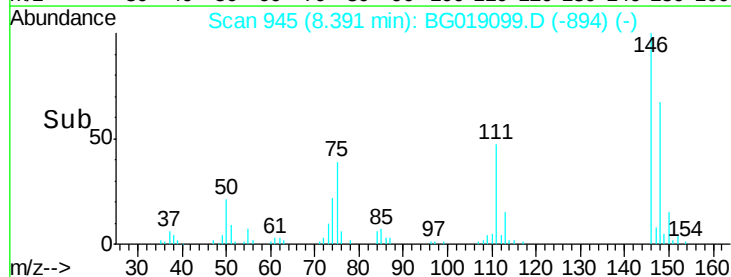
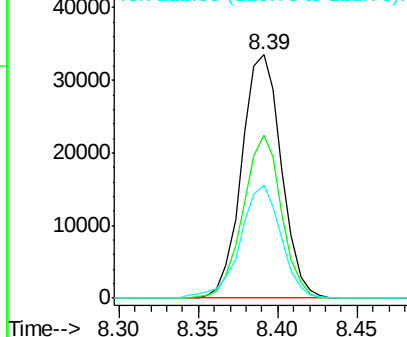


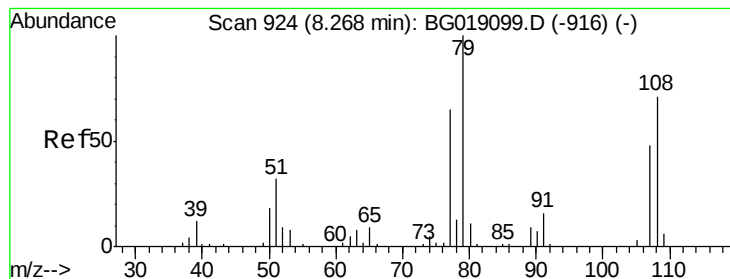
#14
 1,2-Dichlorobenzene
 Concen: 34.38 ng
 RT: 8.39 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion:146 Resp: 58152
 Ion Ratio Lower Upper
 146 100
 148 67.0 53.6 80.4
 111 46.6 37.3 55.9



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: 43.98 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampled :

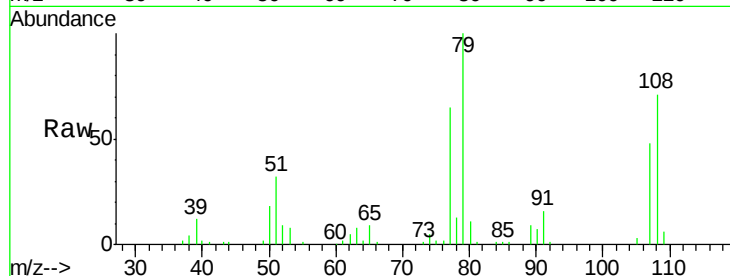
Tot Ion: 79 Resp: 62009

Ion Ratio Lower Upper

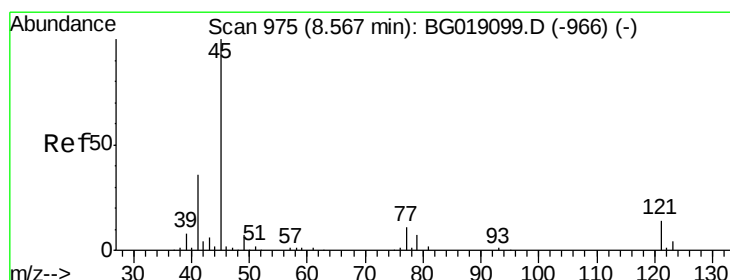
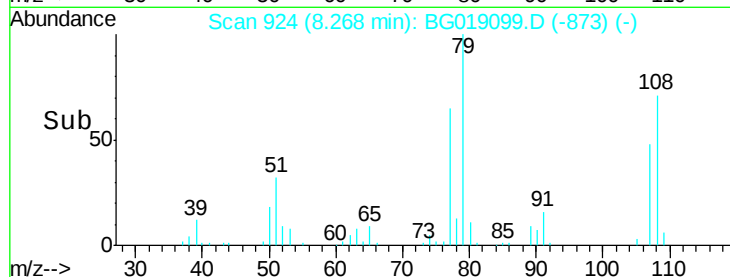
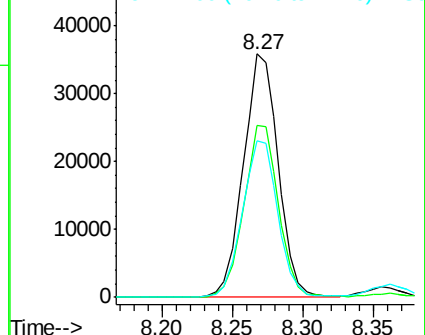
79 100

108 70.7 56.6 84.8

77 64.5 51.6 77.4



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: 56.85 ng

RT: 8.57 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

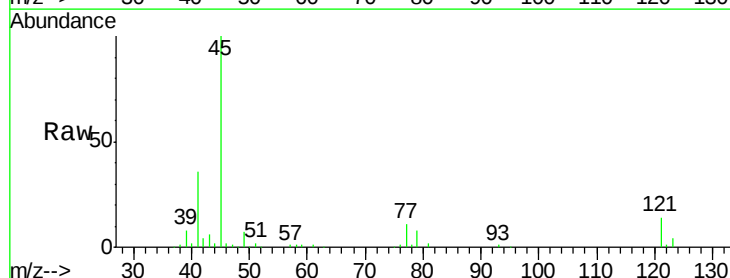
Tgt Ion: 45 Resp: 111140

Ion Ratio Lower Upper

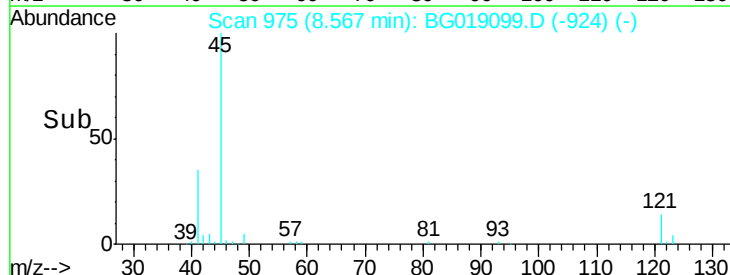
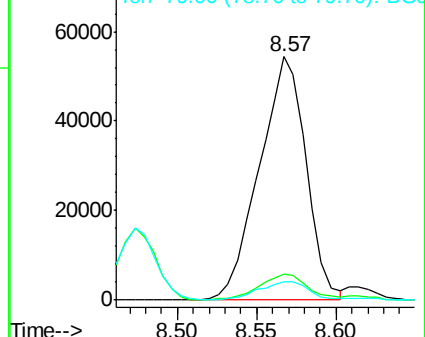
45 100

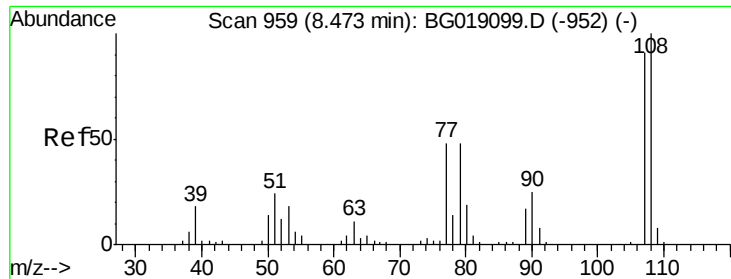
77 10.8 0.0 30.8

79 7.5 0.0 27.5



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

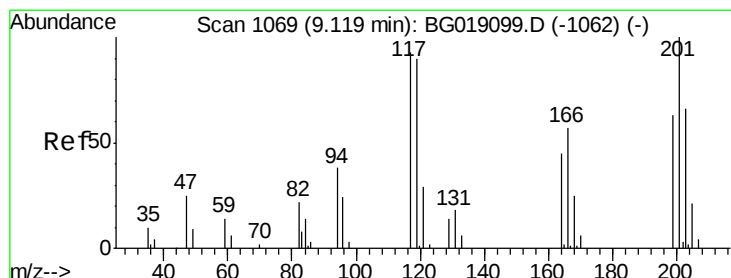
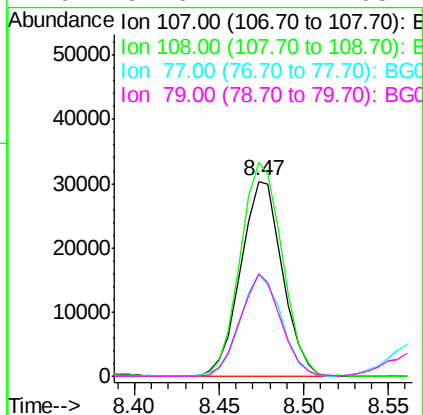
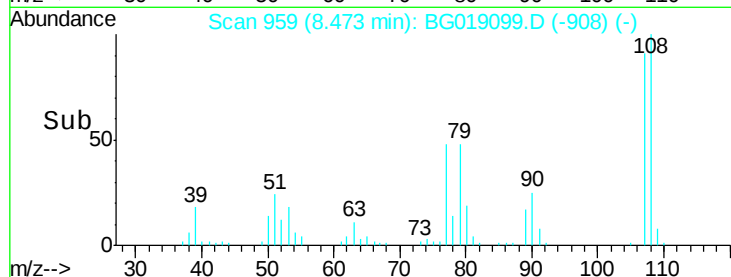
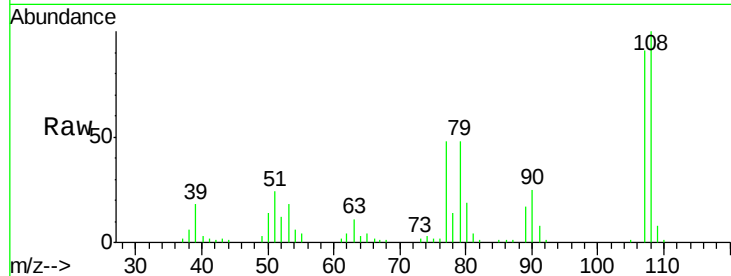




#17
2-Methylphenol
Concen: 37.02 ng
RT: 8.47 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

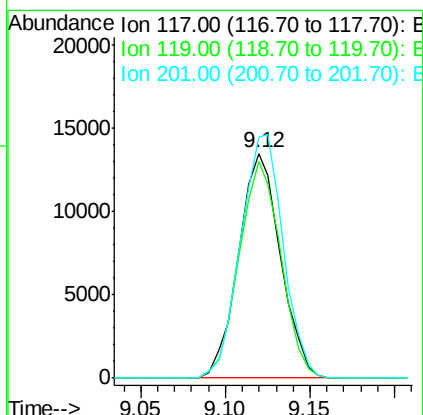
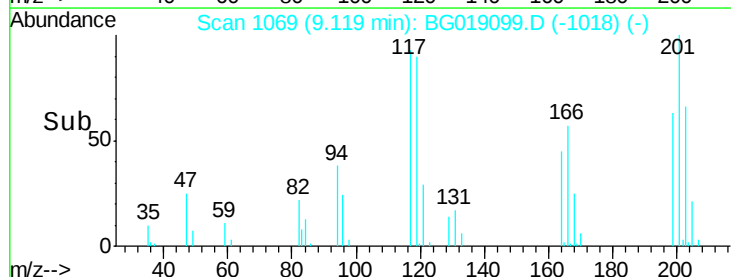
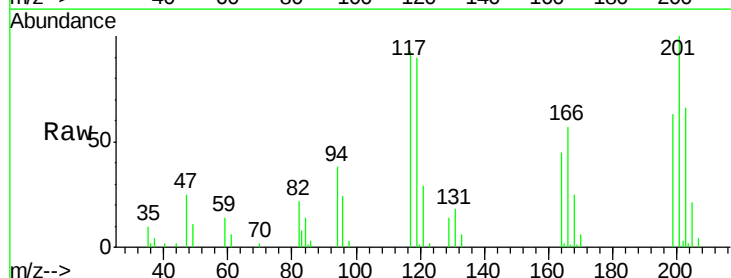
Instrument :
BNA_G
ClientSampleId :

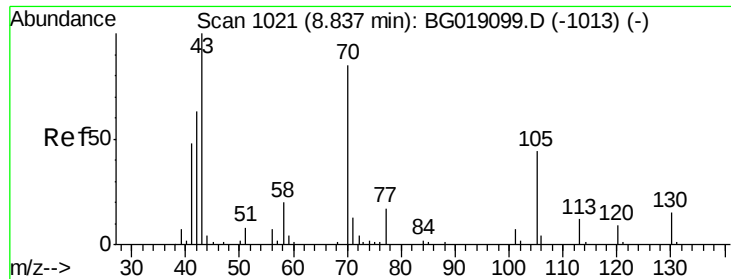
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.7	131.5
77	52.7	42.2	63.2
79	52.6	42.1	63.1



#18
Hexachloroethane
Concen: 36.35 ng
RT: 9.12 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	107.0	85.6	128.4

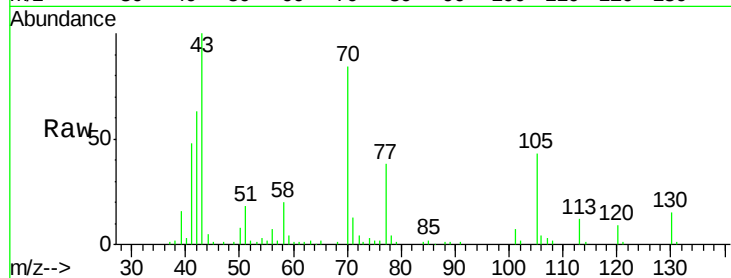




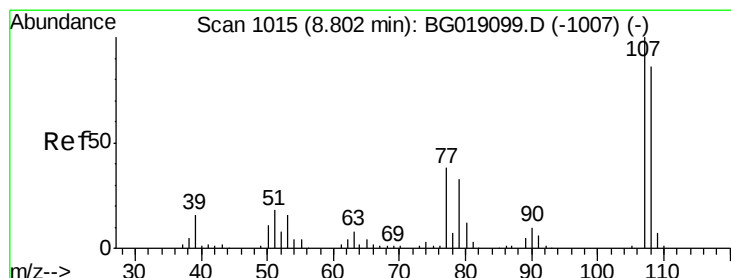
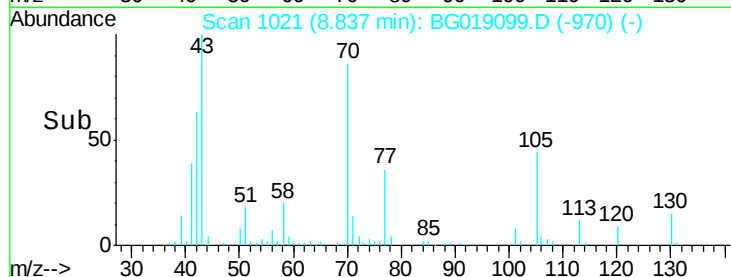
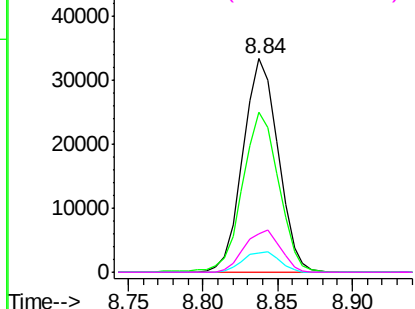
#19
n-Nitroso-di-n-propylamine
Concen: 39.88 ng
RT: 8.84 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 54340
Ion Ratio Lower Upper
70 100
42 74.8 59.8 89.8
101 8.7 7.0 10.4
130 18.0 14.4 21.6

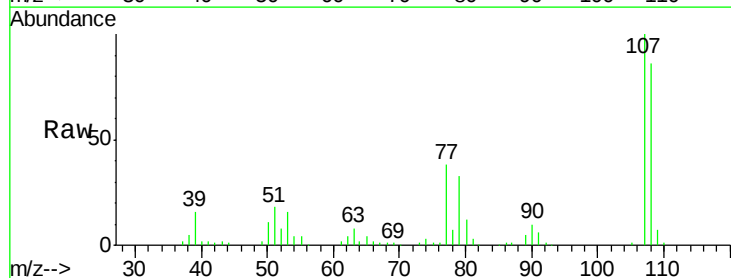


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

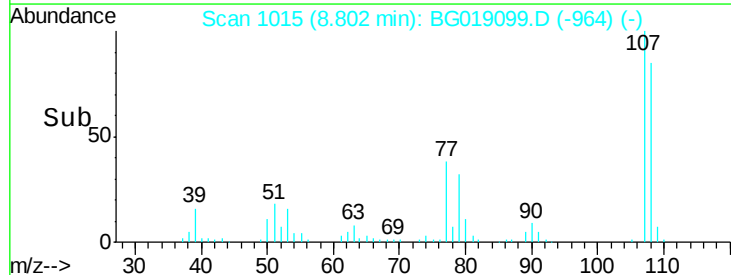
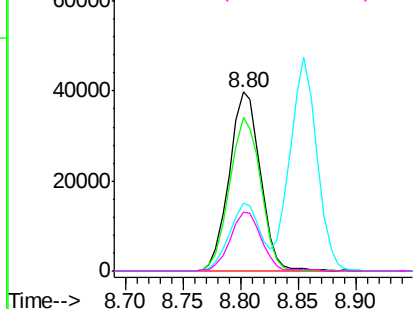


#20
3+4-Methylphenols
Concen: 37.51 ng
RT: 8.80 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion: 107 Resp: 73994
Ion Ratio Lower Upper
107 100
108 86.2 66.2 106.2
77 37.8 17.8 57.8
79 32.9 12.9 52.9



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

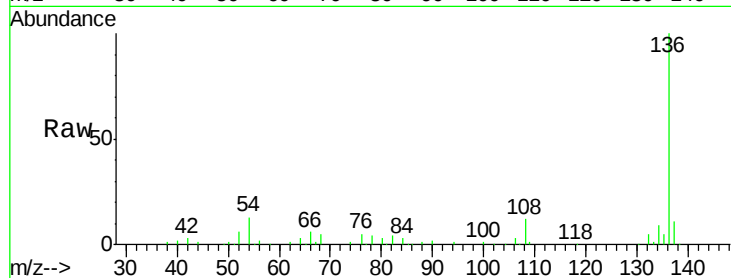




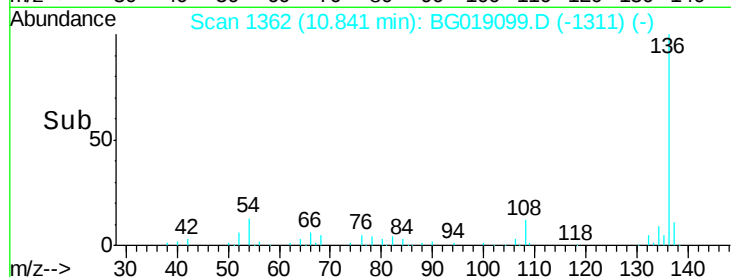
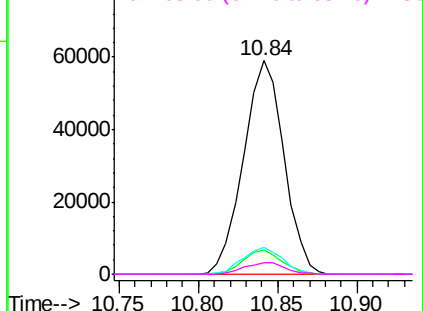
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	104641
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	12.6	10.1 15.1
68	5.5	4.4 6.6

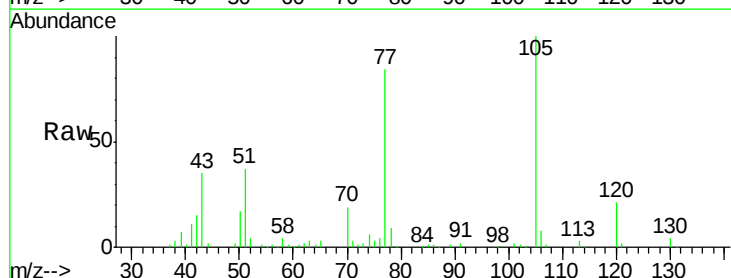


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

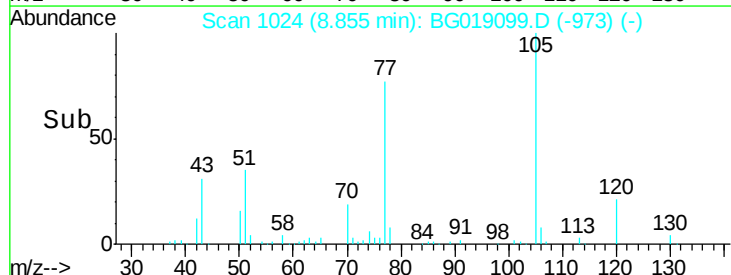
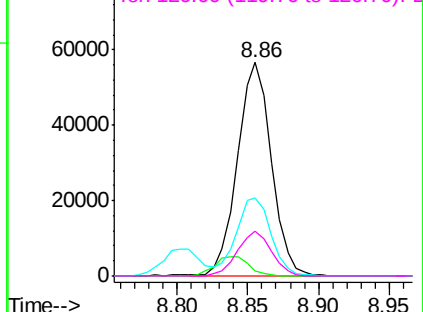


#22
Acetophenone
Concen: 36.03 ng
RT: 8.86 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion:105	Resp:	95025
Ion Ratio	Lower	Upper
105	100	
71	2.7	2.2 3.2
51	36.5	29.2 43.8
120	20.7	16.6 24.8



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

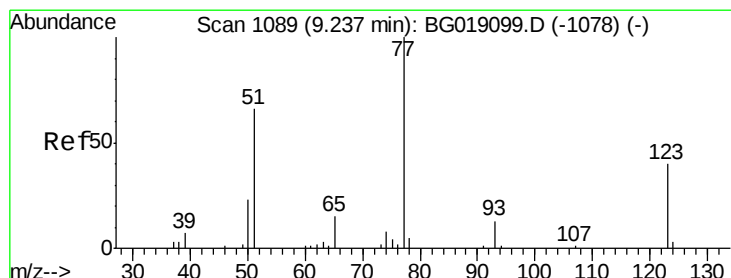
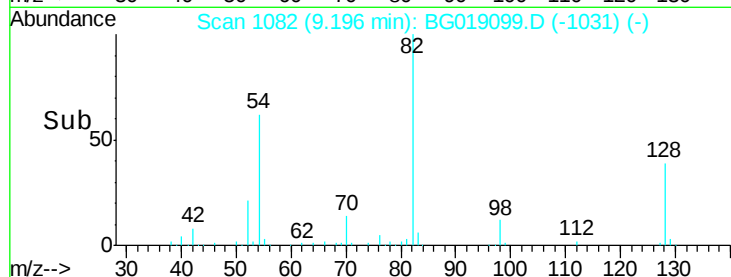
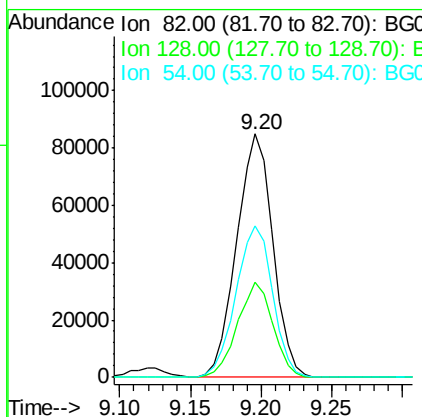
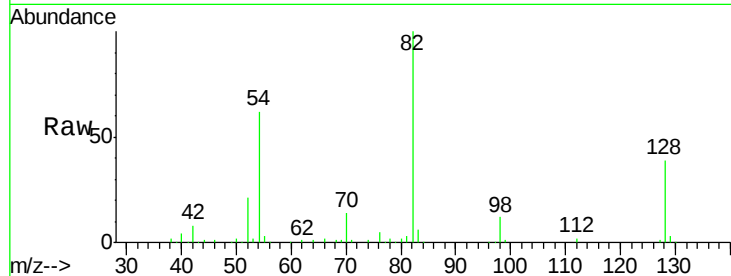




#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 9.20 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

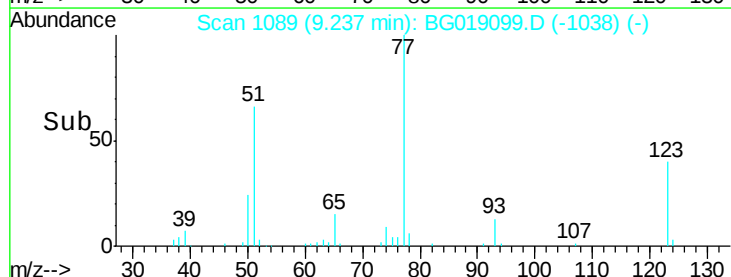
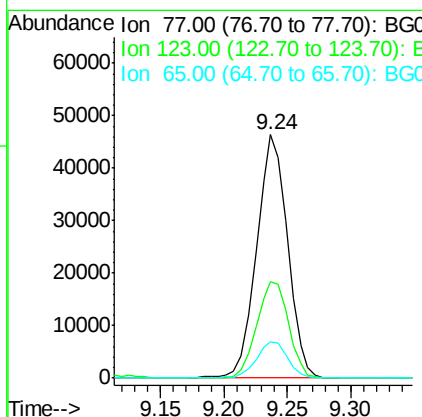
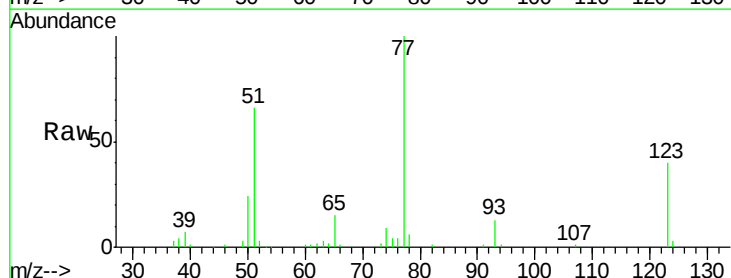
Instrument :
BNA_G
ClientSampleId :

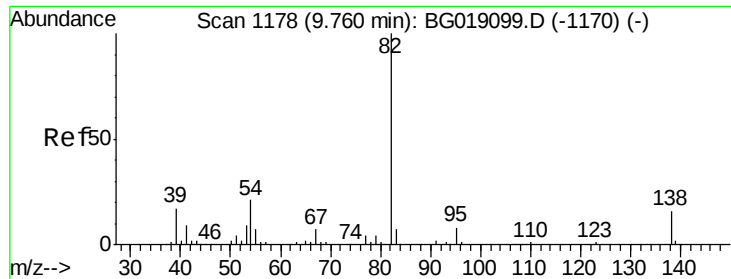
Tot Ion	82	Resp	152296
Ion Ratio	100	Lower	Upper
128	39.3	31.4	47.2
54	62.5	50.0	75.0



#24
Nitrobenzene
Concen: 39.41 ng
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion	77	Resp	78946
Ion Ratio	100	Lower	Upper
123	39.7	31.8	47.6
65	14.7	11.8	17.6





#25

Isophorone

Concen: 37.96 ng

RT: 9.76 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

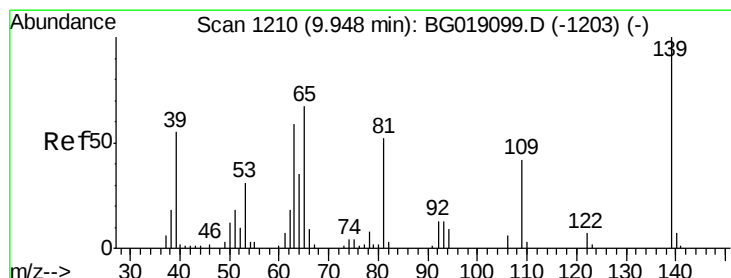
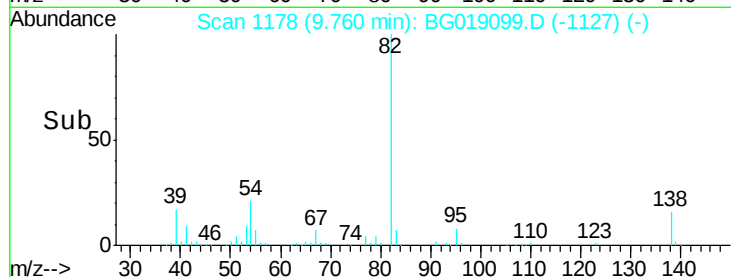
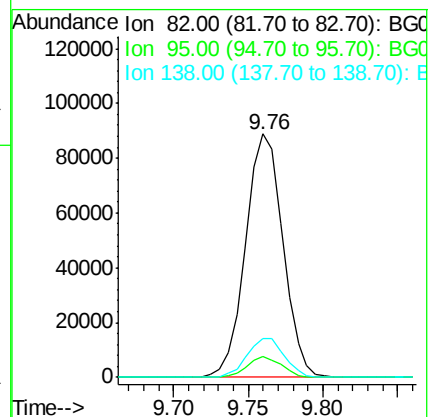
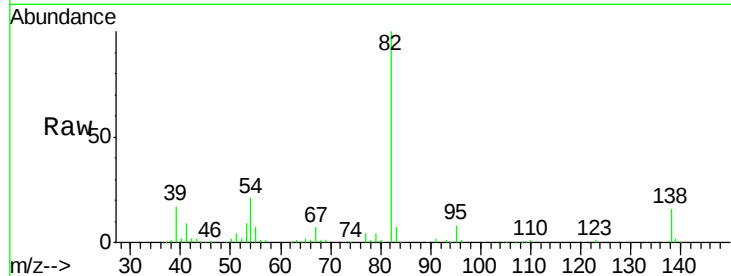
Tot Ion: 82 Resp: 153362

Ion Ratio Lower Upper

82 100

95 8.4 6.7 10.1

138 15.8 12.6 19.0



#26

2-Nitrophenol

Concen: 37.37 ng

RT: 9.95 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

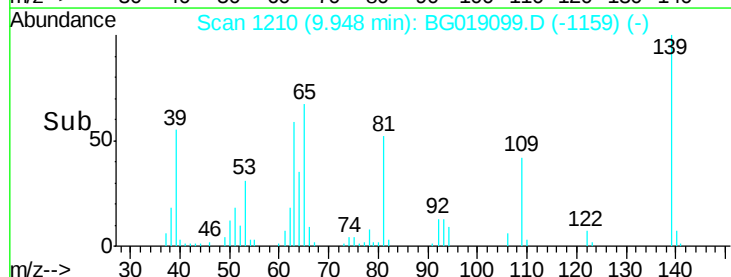
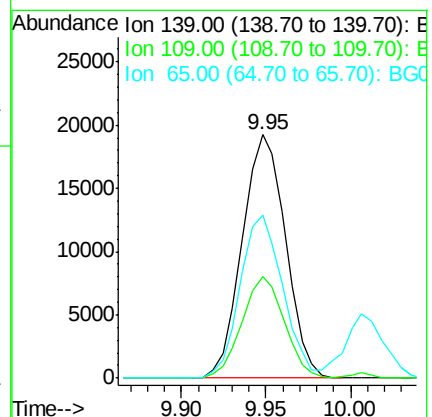
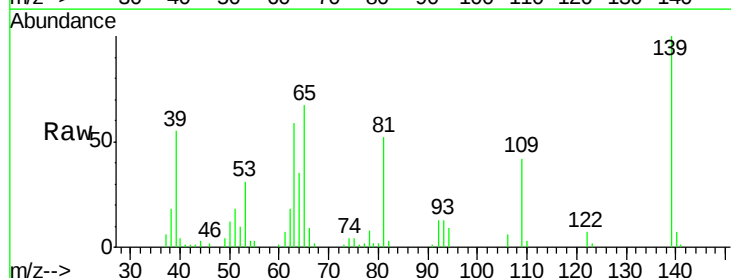
Tgt Ion: 139 Resp: 34336

Ion Ratio Lower Upper

139 100

109 41.6 33.3 49.9

65 67.0 53.6 80.4

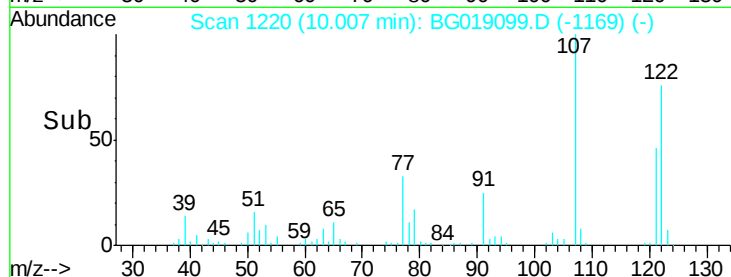
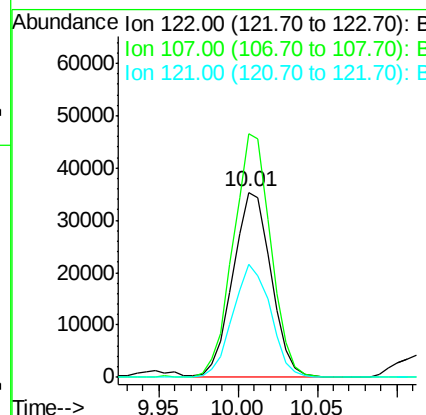
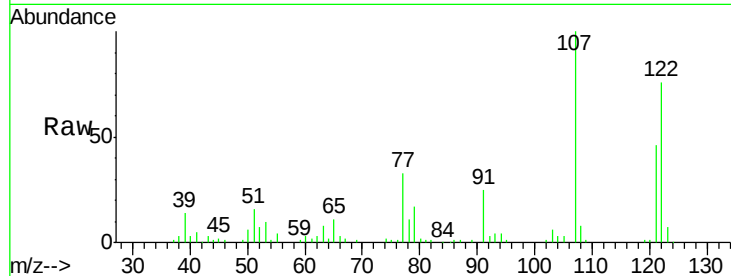




#27
 2,4-Dimethylphenol
 Concen: 35.37 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

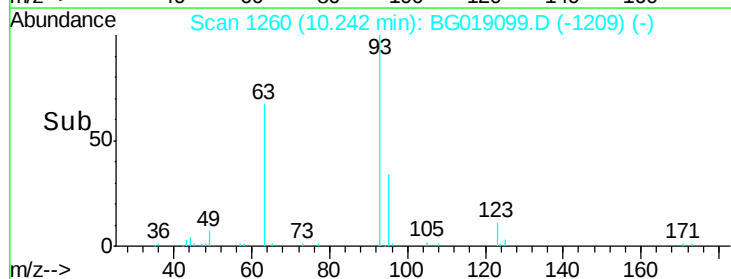
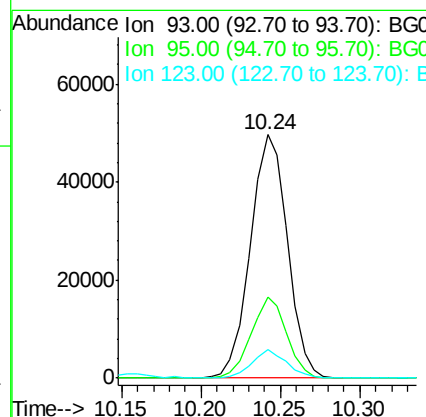
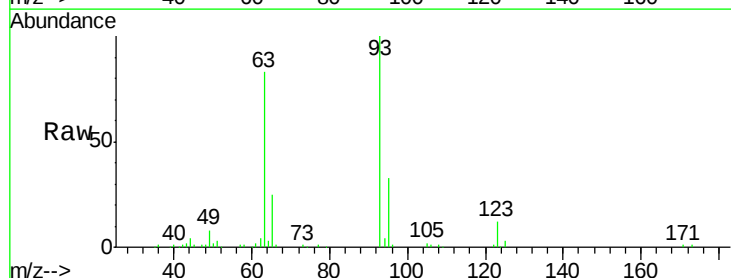
Instrument :
 BNA_G
 ClientSampled :

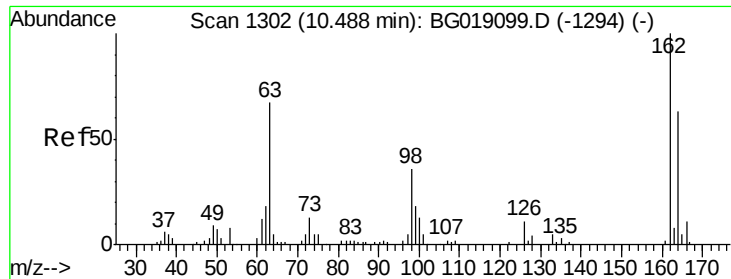
Tot Ion:122 Resp: 59111
 Ion Ratio Lower Upper
 122 100
 107 131.4 105.1 157.7
 121 60.9 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.19 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion: 93 Resp: 80573
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.8 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 36.66 ng

RT: 10.49 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

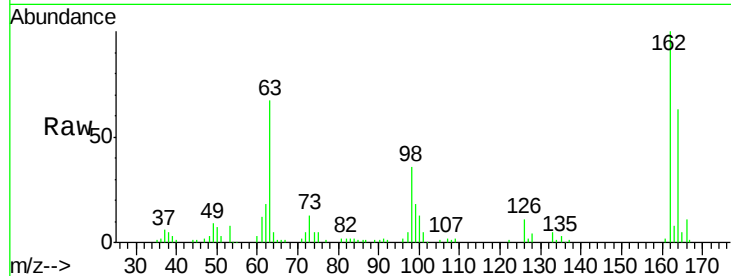
Tot Ion:162 Resp: 61928

Ion Ratio Lower Upper

162 100

164 62.8 42.8 82.8

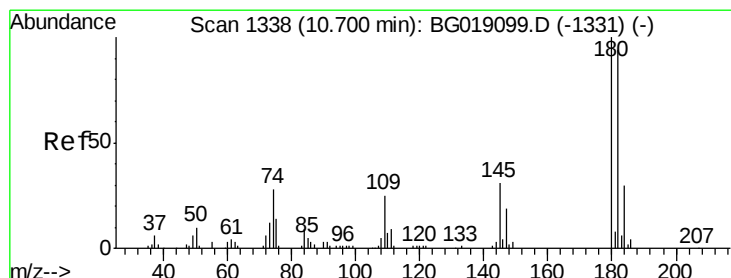
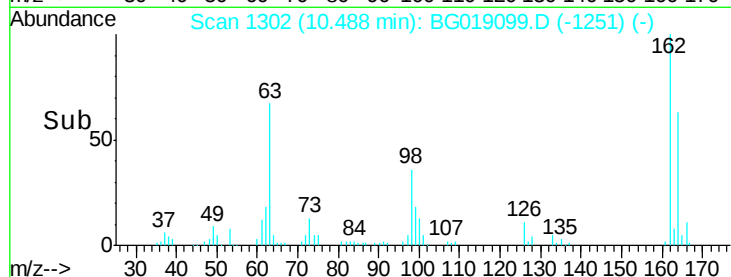
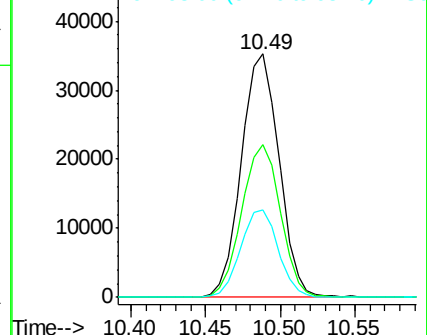
98 36.1 16.1 56.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 34.91 ng

RT: 10.70 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

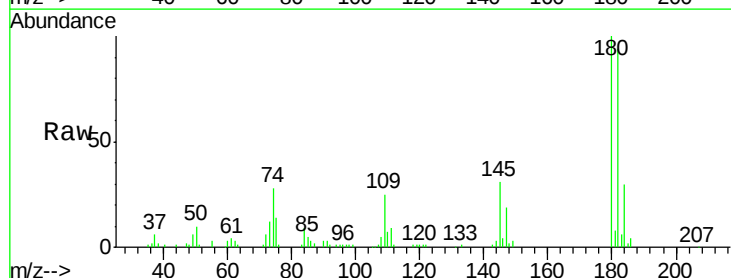
Tgt Ion:180 Resp: 65156

Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

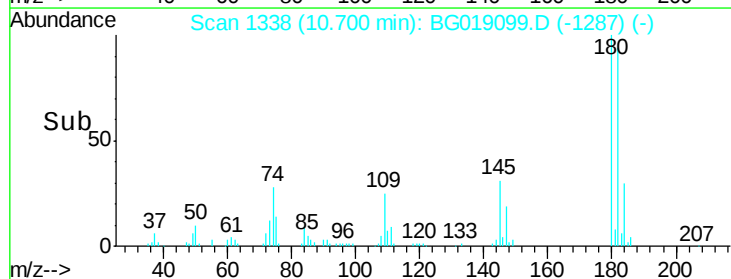
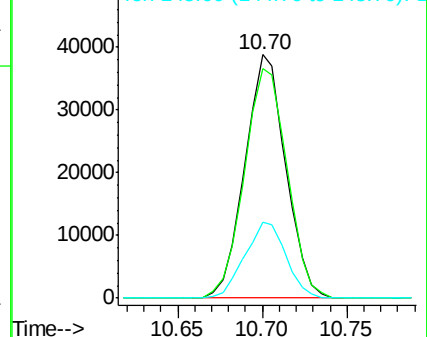
145 31.1 24.9 37.3

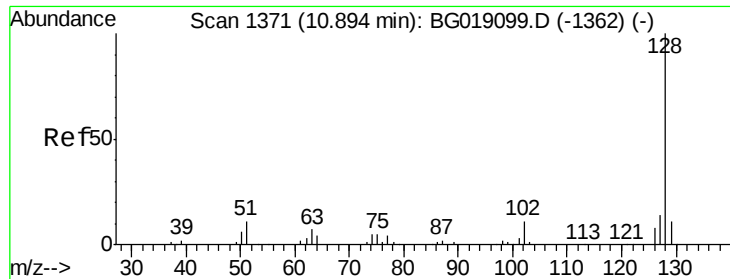


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

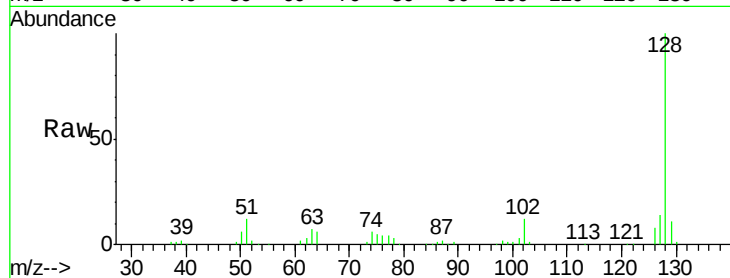




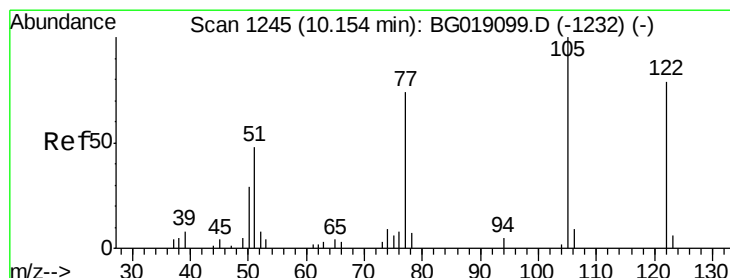
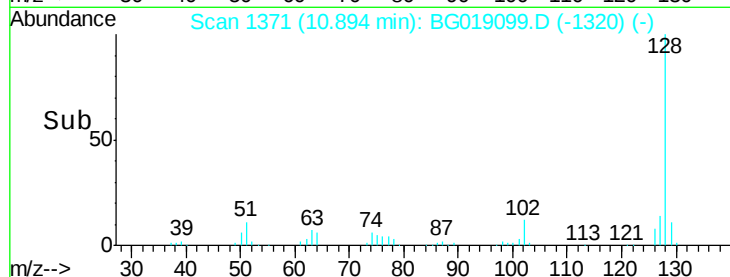
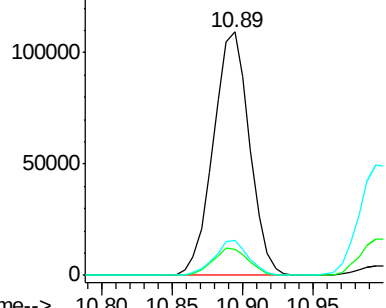
#31
Naphthalene
Concen: 35.31 ng
RT: 10.89 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 196457
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.2 11.4 17.0

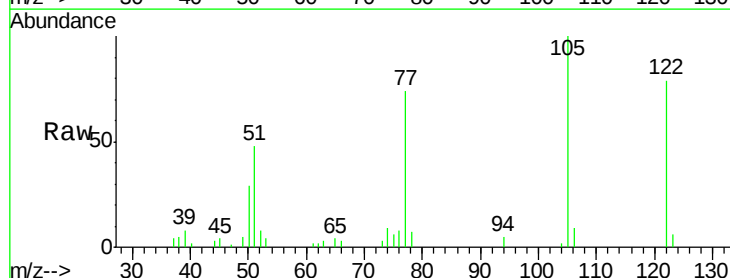


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

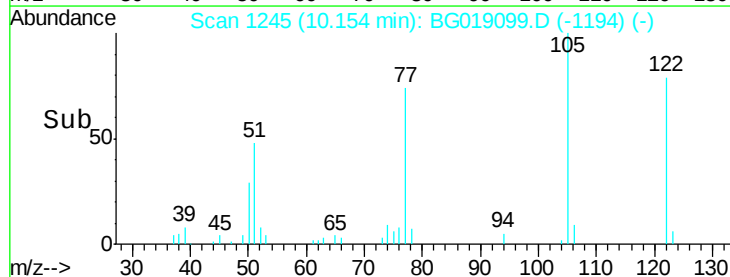
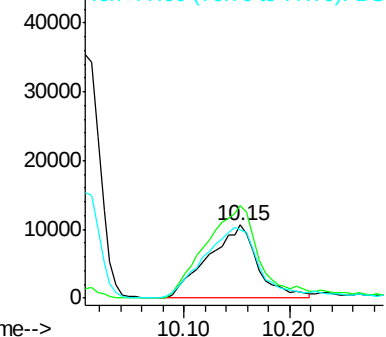


#32
Benzoic acid
Concen: 29.33 ng
RT: 10.15 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion:122 Resp: 34888
Ion Ratio Lower Upper
122 100
105 127.0 107.0 147.0
77 93.4 73.4 113.4



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

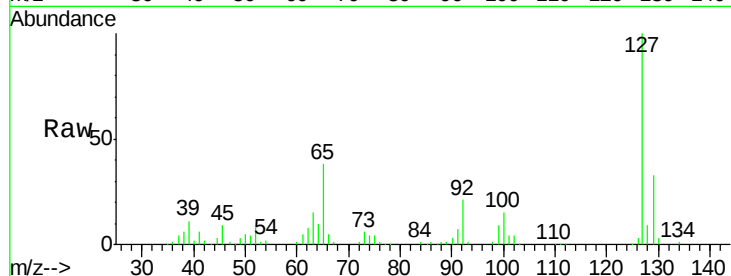




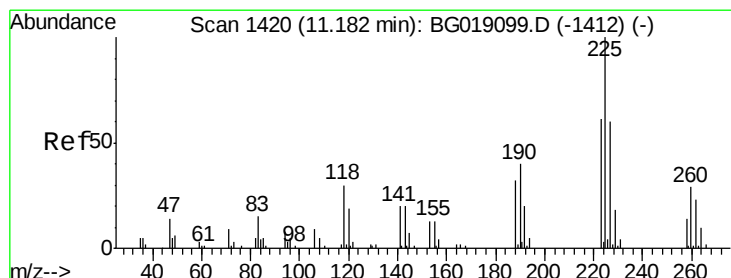
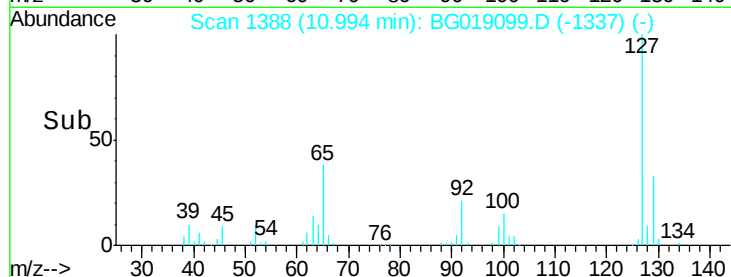
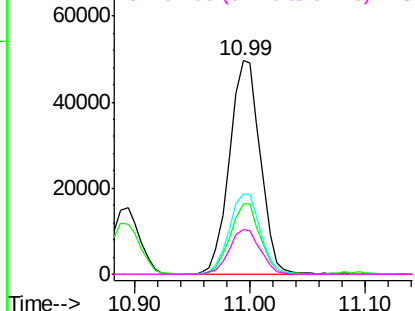
#33
4-Chloroaniline
Concen: 36.15 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 91492
Ion Ratio Lower Upper
127 100
129 32.7 26.2 39.2
65 38.0 30.4 45.6
92 21.1 16.9 25.3

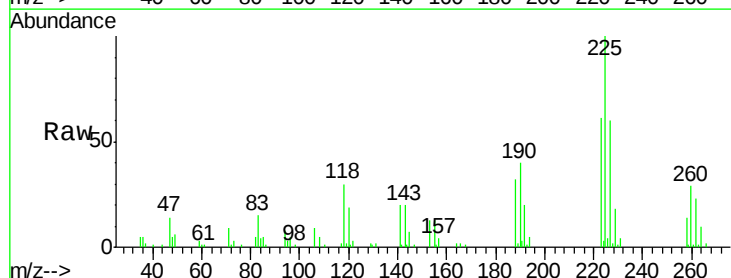


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

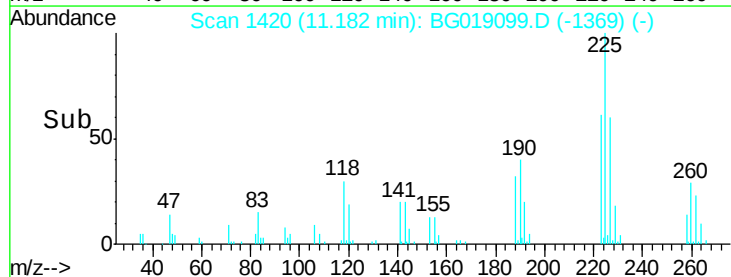
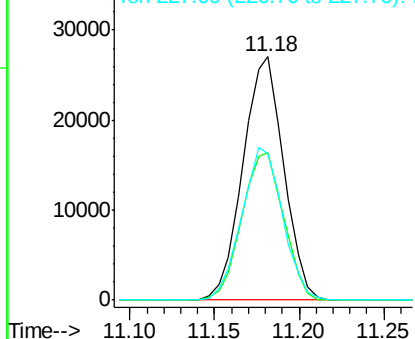


#34
Hexachlorobutadiene
Concen: 40.17 ng
RT: 11.18 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion:225 Resp: 45374
Ion Ratio Lower Upper
225 100
223 60.7 48.6 72.8
227 60.1 48.1 72.1



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: 33.19 ng

RT: 11.77 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

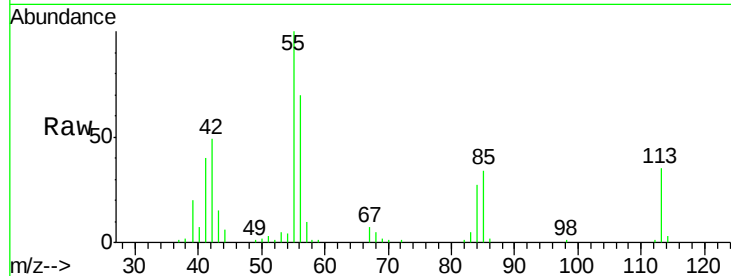
Tot Ion:113 Resp: 23732

Ion Ratio Lower Upper

113 100

55 283.4 263.4 303.4

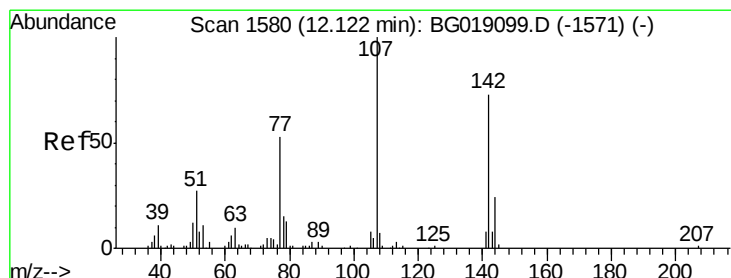
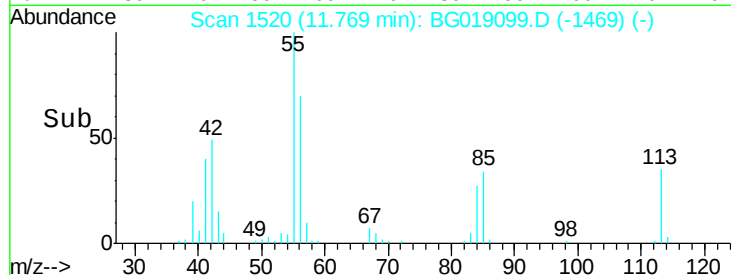
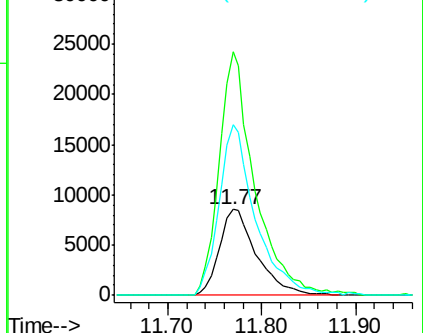
56 199.0 179.0 219.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG019099.D (-1512) (-)

Ion 56.00 (55.70 to 56.70): BG019099.D (-1512) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.17 ng

RT: 12.12 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

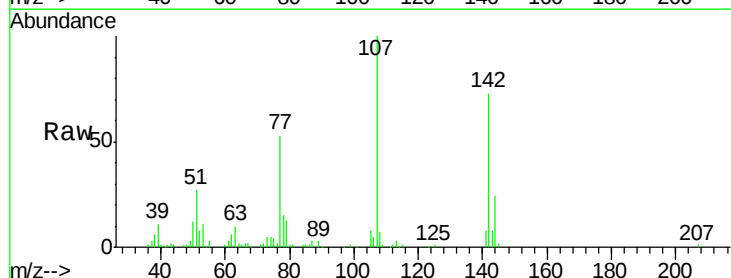
Tgt Ion:107 Resp: 79464

Ion Ratio Lower Upper

107 100

144 23.8 19.0 28.6

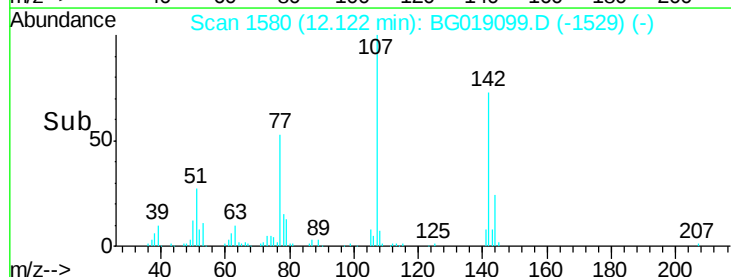
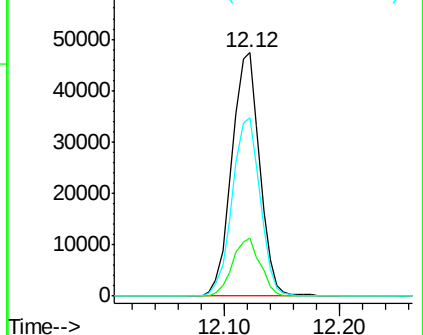
142 73.1 58.5 87.7

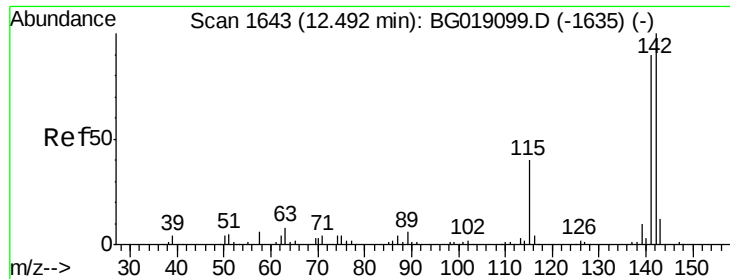


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

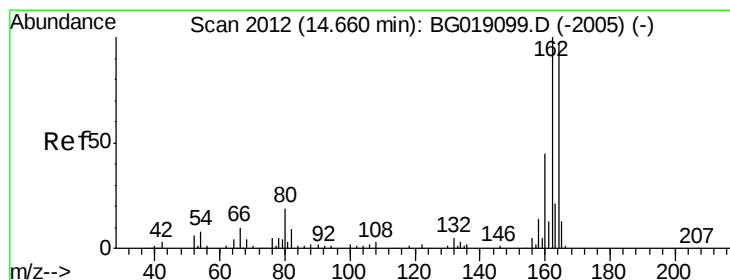
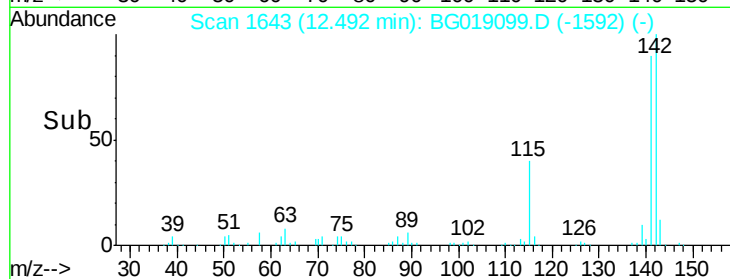
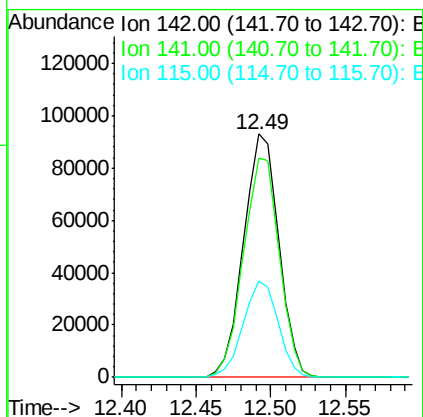
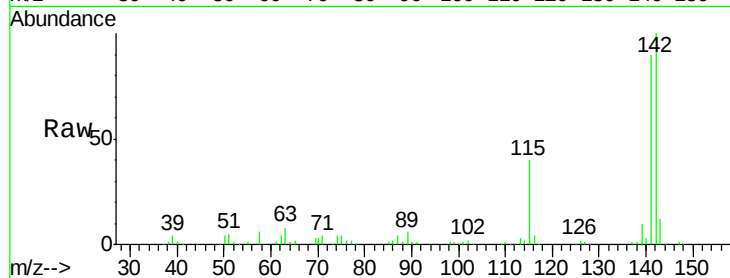




#37
 2-Methylnaphthalene
 Concen: 37.07 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

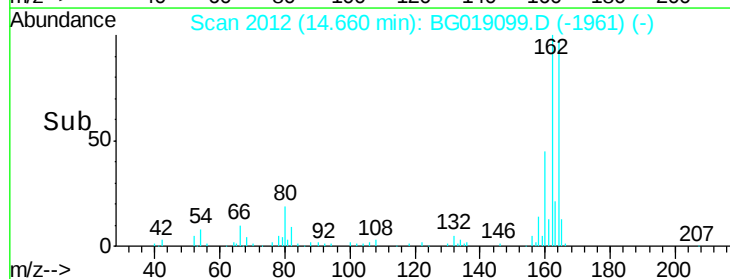
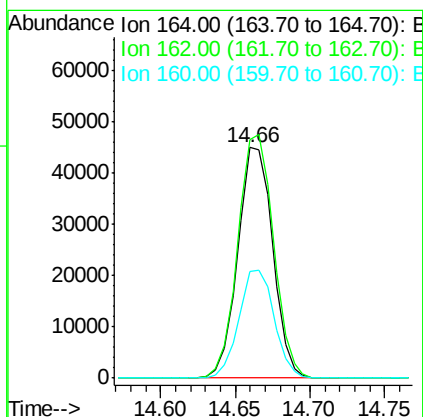
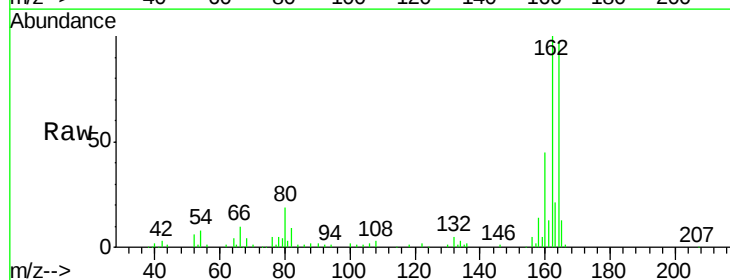
Instrument :
 BNA_G
 ClientSampleId :

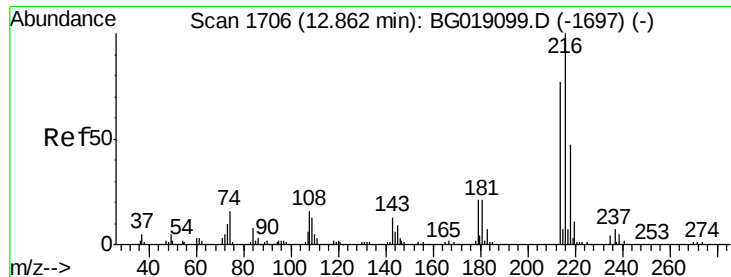
Tot Ion:142 Resp: 152144
 Ion Ratio Lower Upper
 142 100
 141 90.1 72.1 108.1
 115 39.8 31.8 47.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion:164 Resp: 72910
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 124.0
 160 46.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.17 ng

RT: 12.86 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 83498

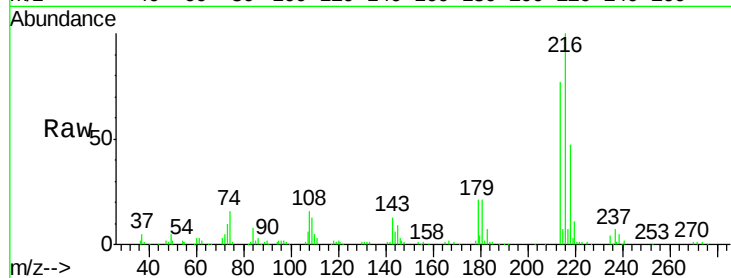
Ion Ratio Lower Upper

216 100

214 80.0 64.0 96.0

179 21.1 16.9 25.3

108 18.4 14.7 22.1

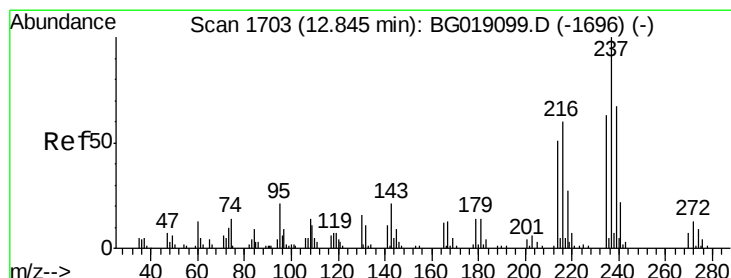
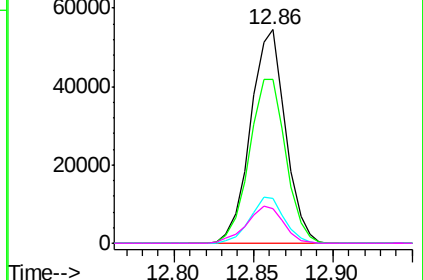
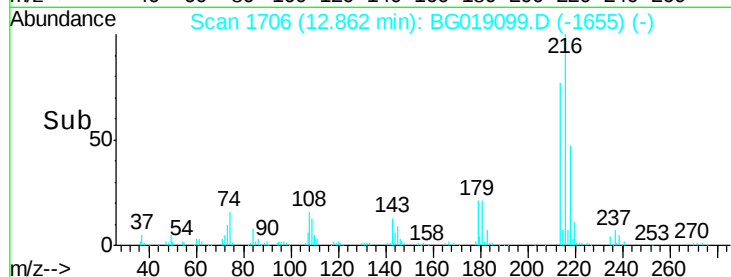


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.30 ng

RT: 12.84 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

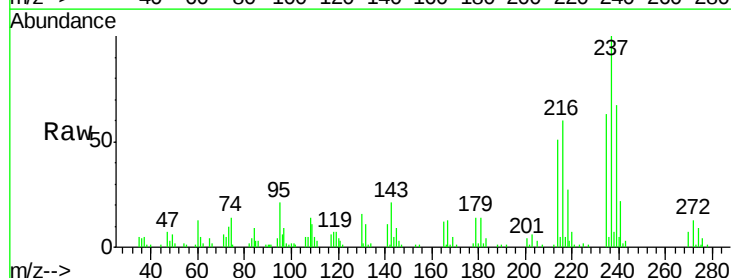
Tgt Ion:237 Resp: 45822

Ion Ratio Lower Upper

237 100

235 63.2 43.2 83.2

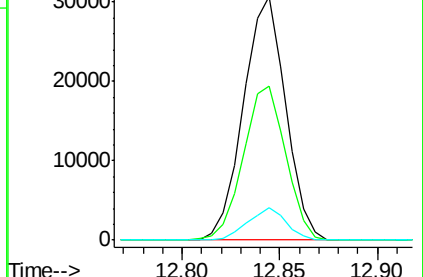
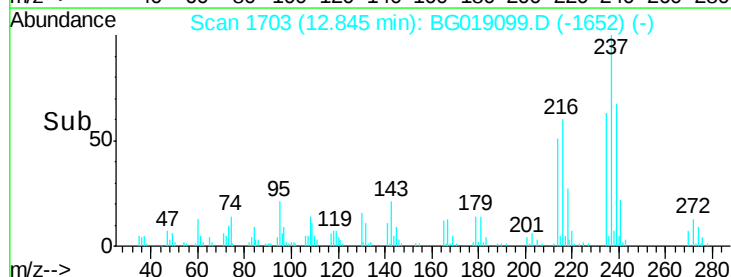
272 13.2 0.0 33.2

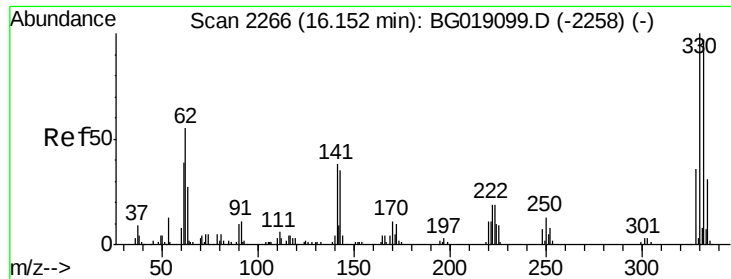


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

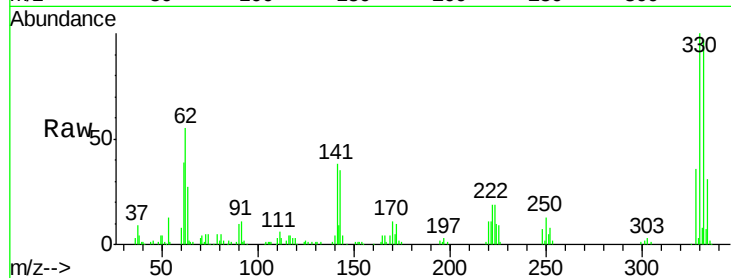




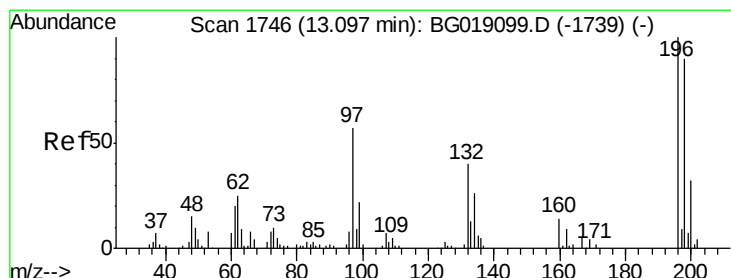
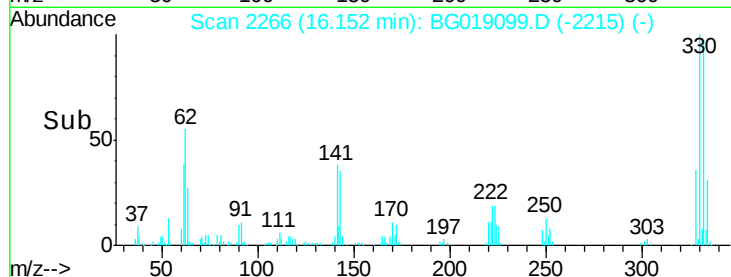
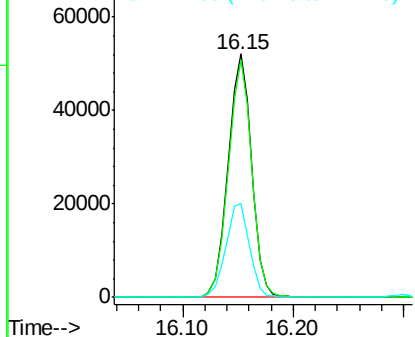
#41
 2,4,6-Tribromophenol
 Concen: 78.52 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 77846
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 38.4 30.7 46.1

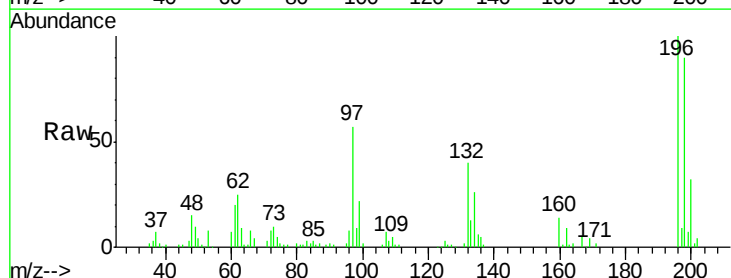


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

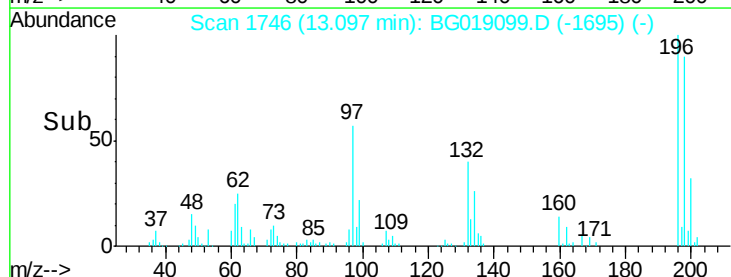
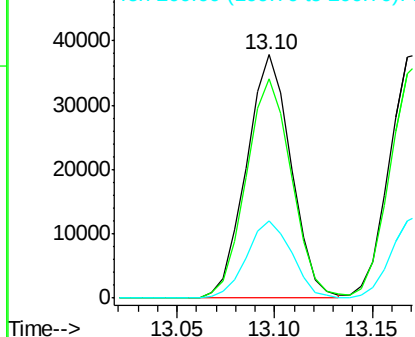


#42
 2,4,6-Trichlorophenol
 Concen: 37.54 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion:196 Resp: 60005
 Ion Ratio Lower Upper
 196 100
 198 90.0 72.0 108.0
 200 31.9 25.5 38.3



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

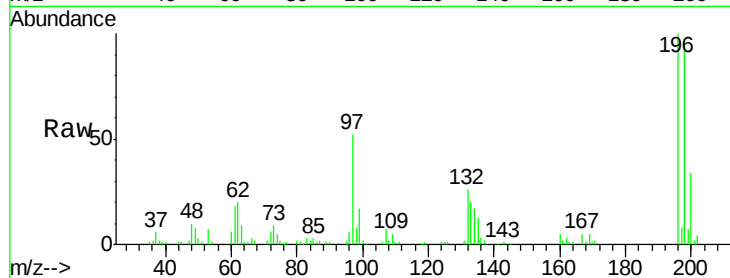




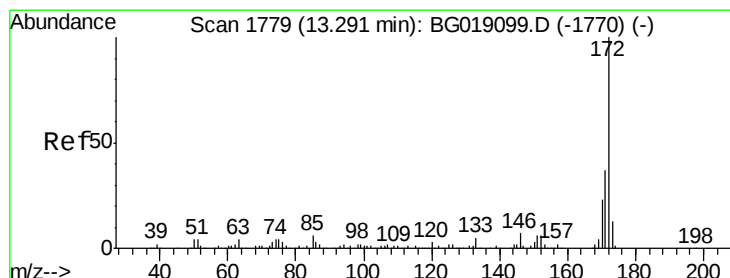
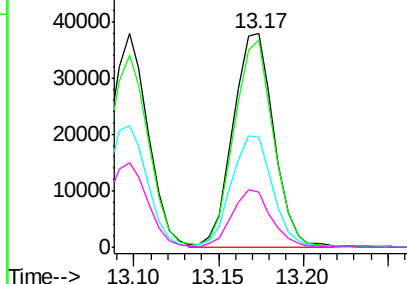
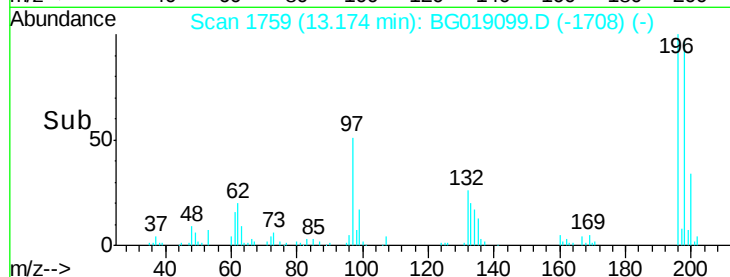
#43
 2,4,5-Trichlorophenol
 Concen: 36.34 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 63712
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.7 116.5
 97 51.8 41.4 62.2
 132 25.7 20.6 30.8

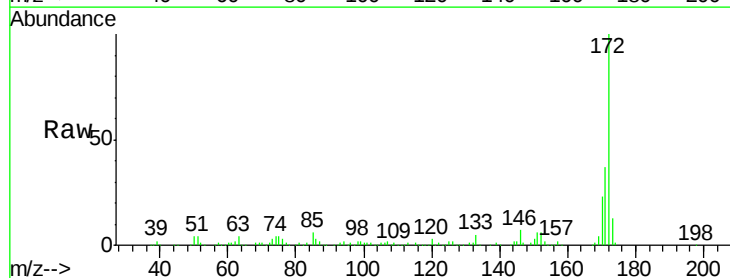


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

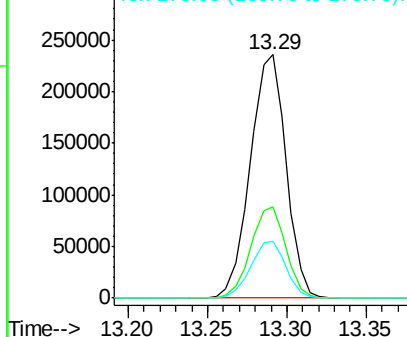
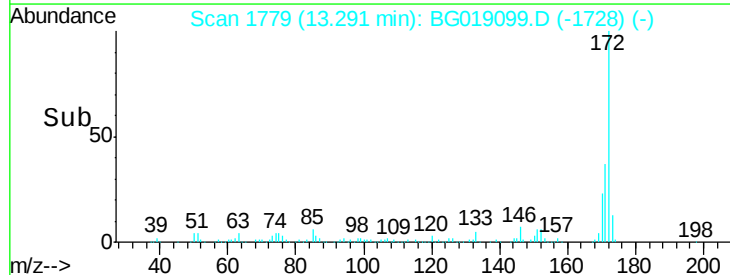


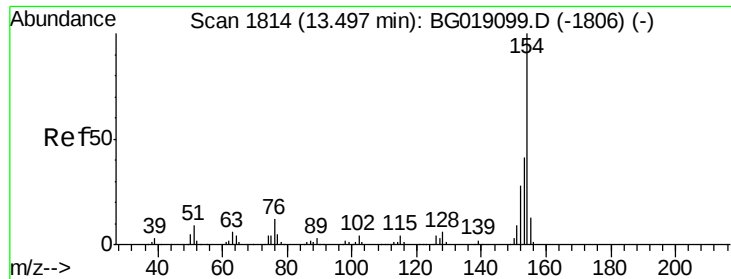
#44
 2-Fluorobiphenyl
 Concen: 70.70 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion:172 Resp: 369370
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 23.2 18.6 27.8



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

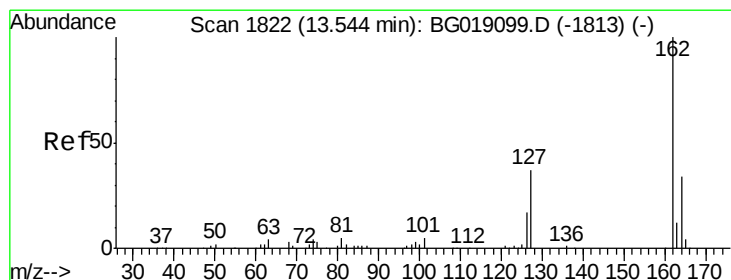
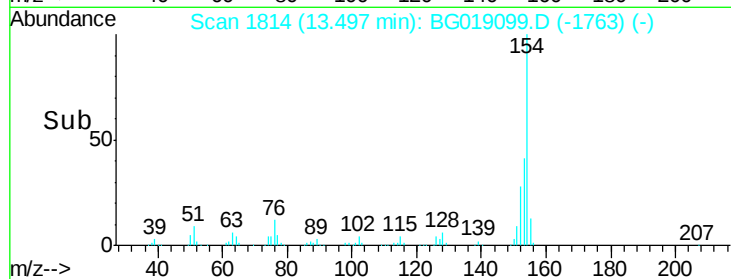
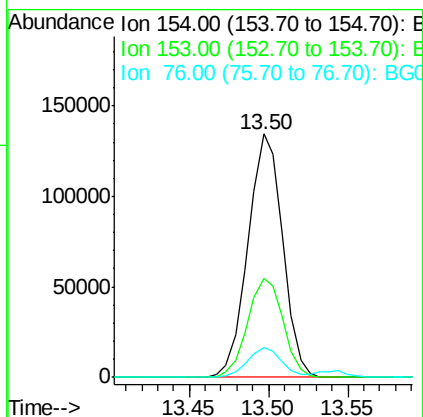
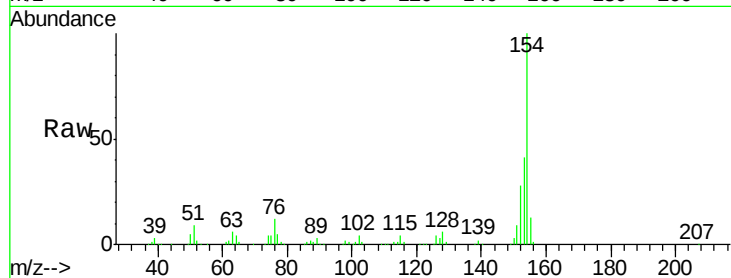




#45
 1,1'-Biphenyl
 Concen: 35.33 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

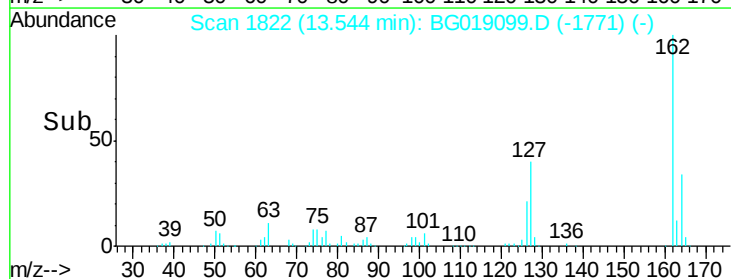
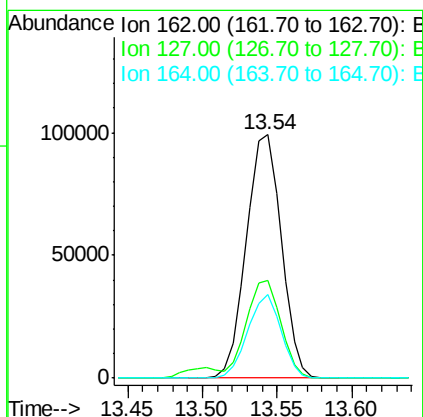
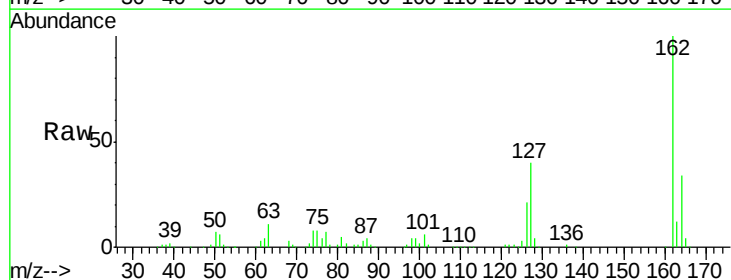
Instrument :
 BNA_G
 ClientSampleId :

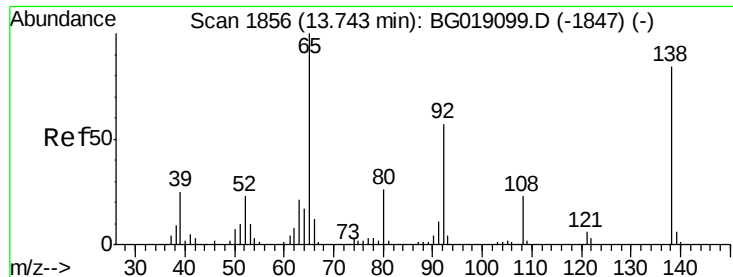
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	12.2	0.0	32.2



#46
 2-Chloronaphthalene
 Concen: 36.00 ng
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.4
164	34.1	27.3	40.9





#47

2-Nitroaniline

Concen: 46.97 ng

RT: 13.74 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampled :

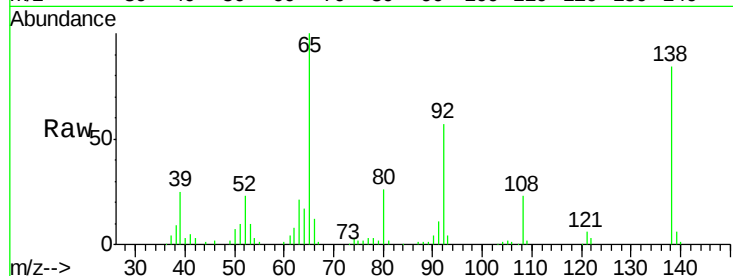
Tot Ion: 65 Resp: 65461

Ion Ratio Lower Upper

65 100

92 57.3 45.8 68.8

138 83.6 66.9 100.3

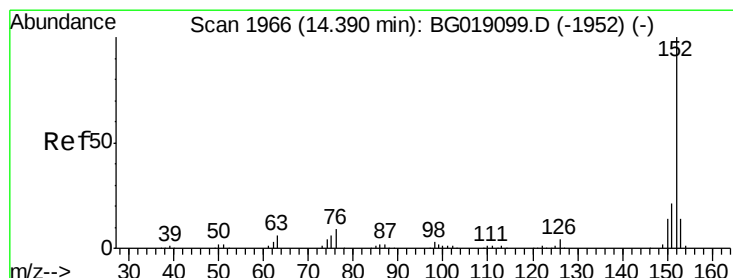
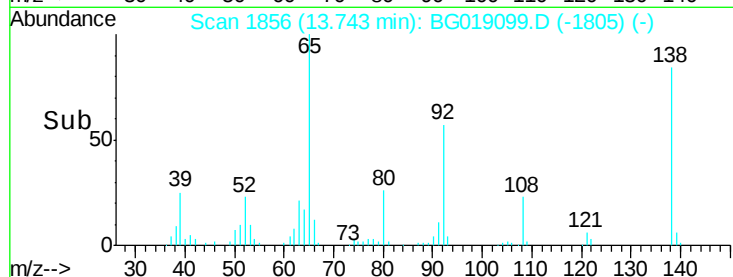


Abundance Ion 65.00 (64.70 to 65.70): BG019099.D (-1847) (-)

Ion 92.00 (91.70 to 92.70): BG019099.D (-1847) (-)

Ion 138.00 (137.70 to 138.70): BG019099.D (-1847) (-)

Time-->



#48

Acenaphthylene

Concen: 35.79 ng

RT: 14.39 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

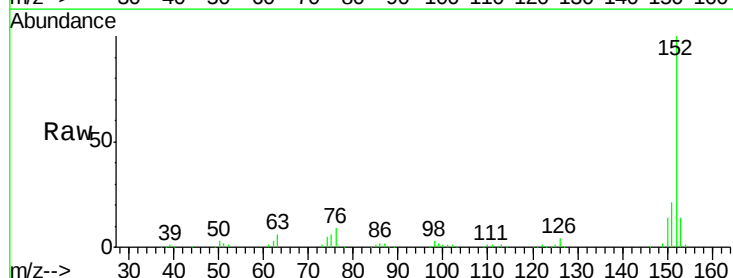
Tgt Ion: 152 Resp: 281434

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

153 13.7 11.0 16.4

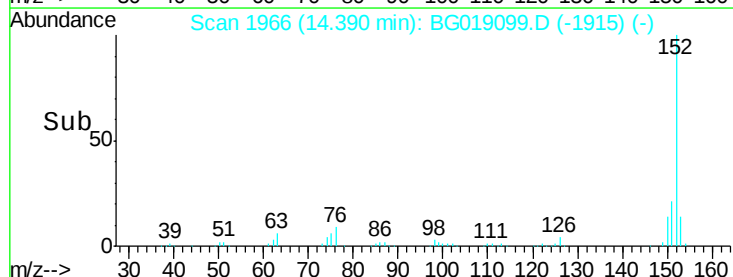


Abundance Ion 152.00 (151.70 to 152.70): BG019099.D (-1952) (-)

Ion 151.00 (150.70 to 151.70): BG019099.D (-1952) (-)

Ion 153.00 (152.70 to 153.70): BG019099.D (-1952) (-)

Time-->





#49

Dimethylphthalate

Concen: 36.54 ng

RT: 14.12 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

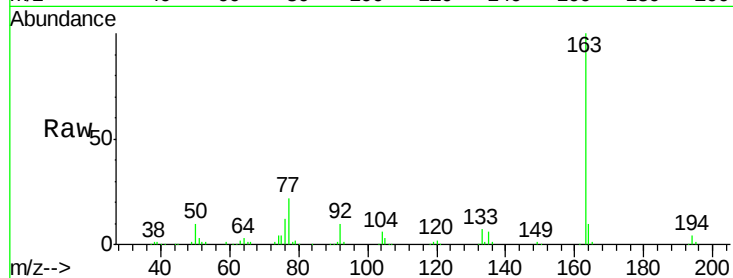
Tot Ion:163 Resp: 220867

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

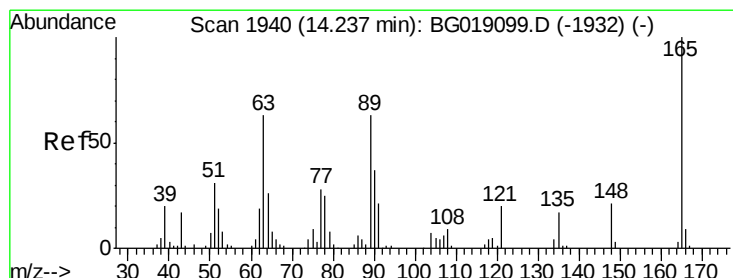
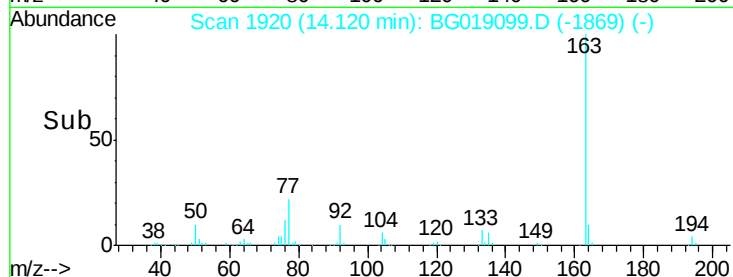
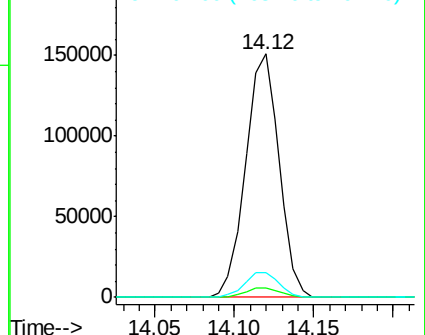
164 10.1 8.1 12.1



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: 37.57 ng

RT: 14.24 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

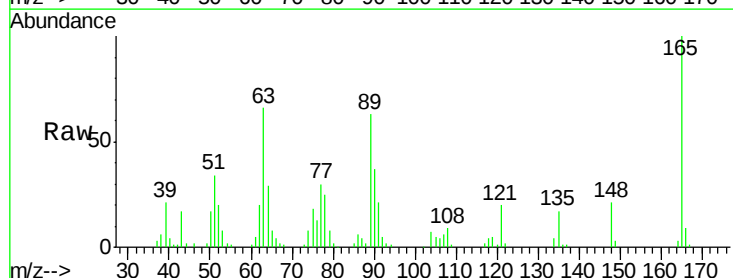
Tgt Ion:165 Resp: 49249

Ion Ratio Lower Upper

165 100

63 65.7 52.6 78.8

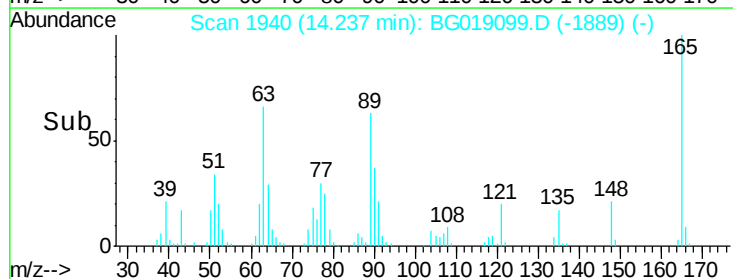
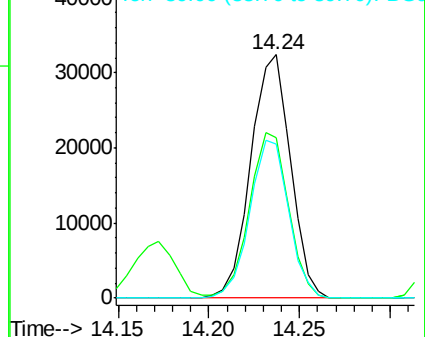
89 63.3 50.6 76.0

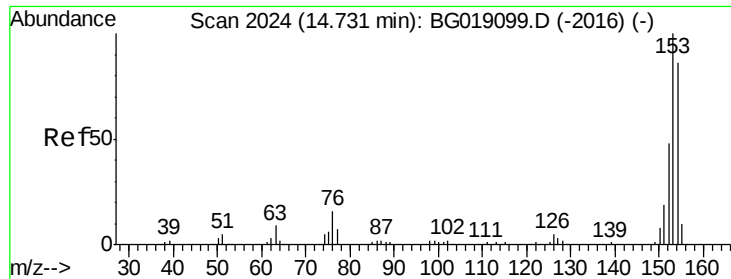


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 36.58 ng

RT: 14.73 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

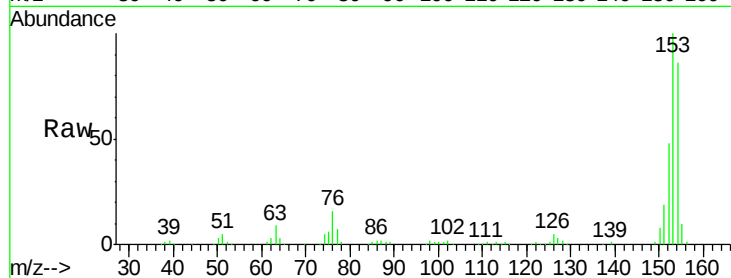
Tot Ion:154 Resp: 168048

Ion Ratio Lower Upper

154 100

153 116.8 93.4 140.2

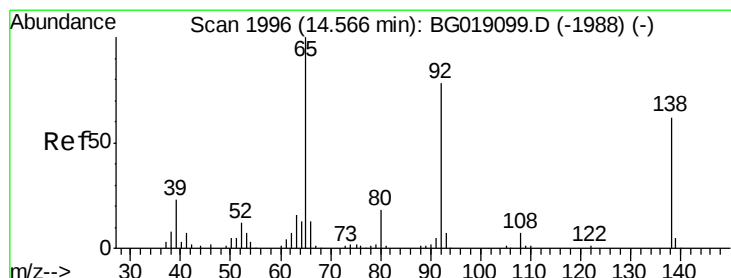
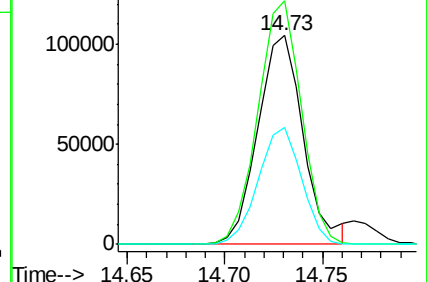
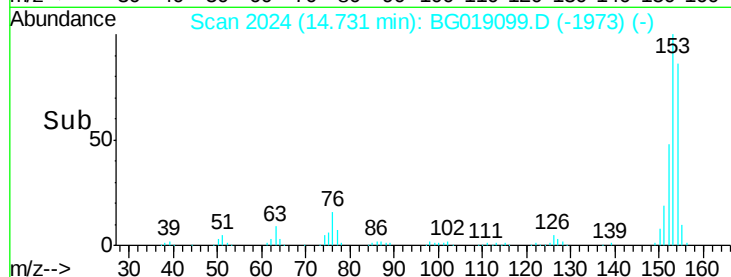
152 56.1 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.31 ng

RT: 14.57 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

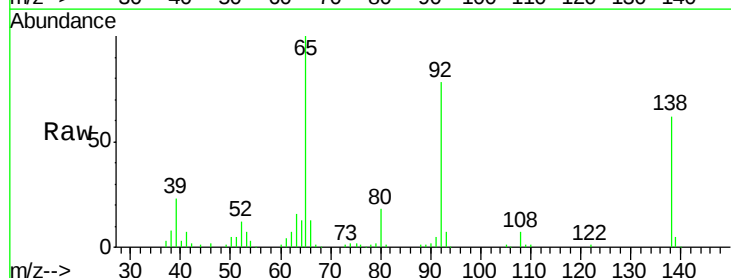
Tgt Ion:138 Resp: 53002

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

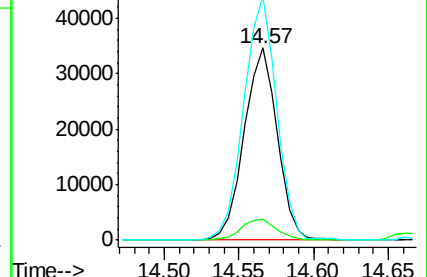
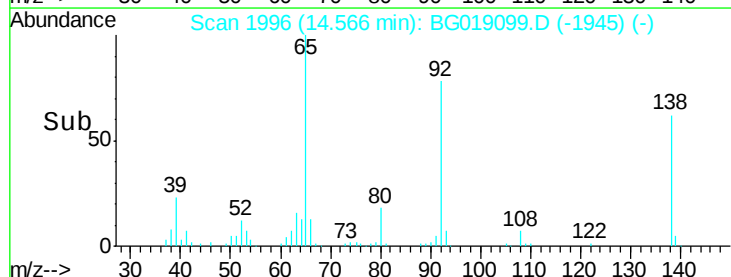
92 126.7 101.4 152.0

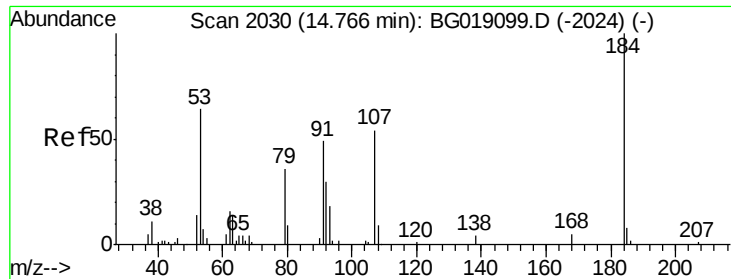


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

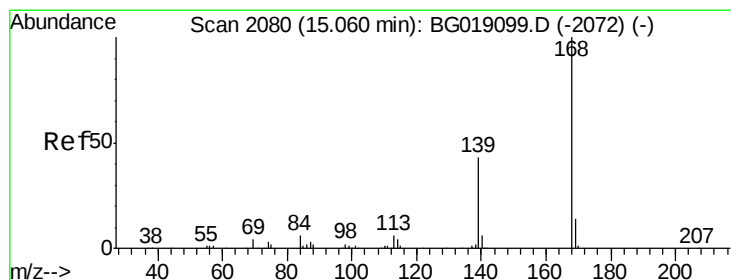
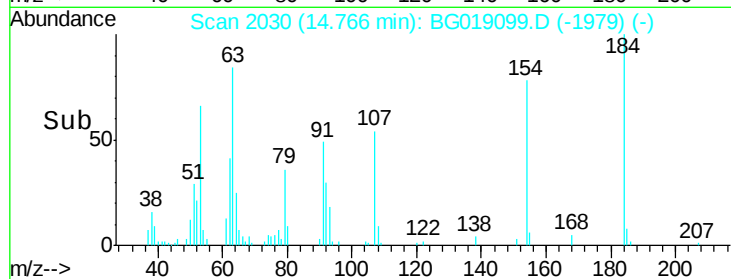
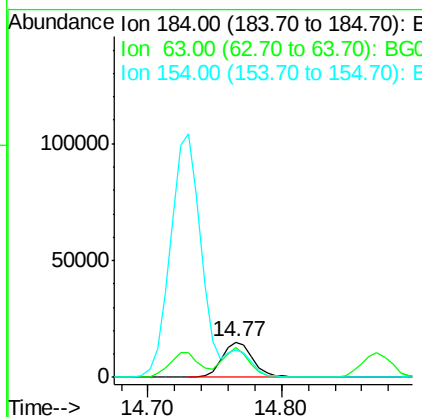
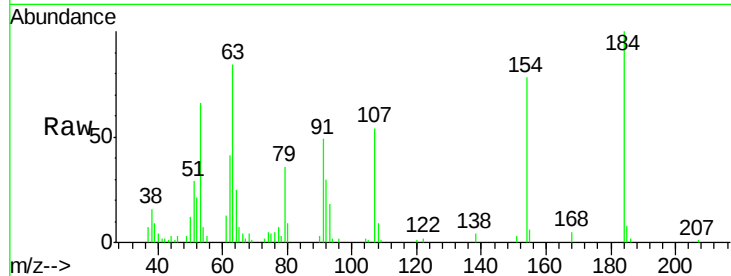




#53
2,4-Dinitrophenol
Concen: 43.34 ng
RT: 14.77 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

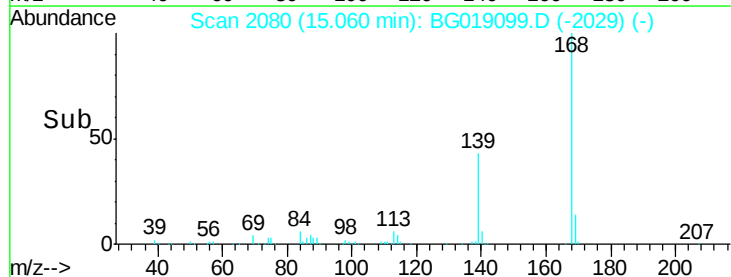
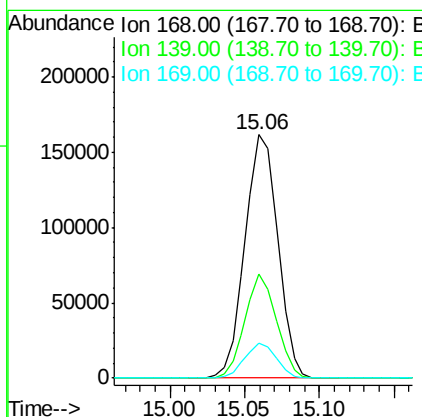
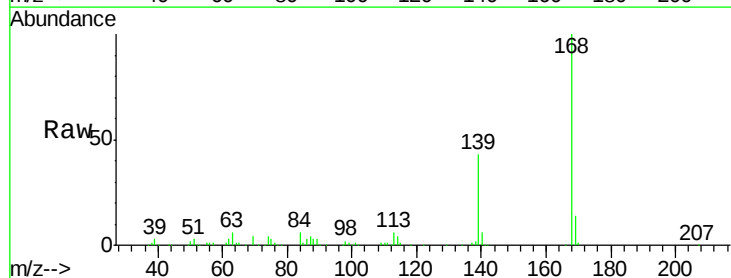
Instrument :
BNA_G
ClientSampleId :

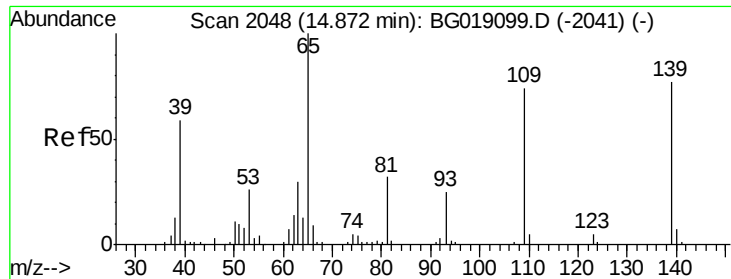
Tot Ion:184 Resp: 24426
Ion Ratio Lower Upper
184 100
63 84.4 67.5 101.3
154 78.0 62.4 93.6



#54
Dibenzofuran
Concen: 34.72 ng
RT: 15.06 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion:168 Resp: 246221
Ion Ratio Lower Upper
168 100
139 42.8 34.2 51.4
169 14.2 11.4 17.0





#55

4-Nitrophenol

Concen: 35.06 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

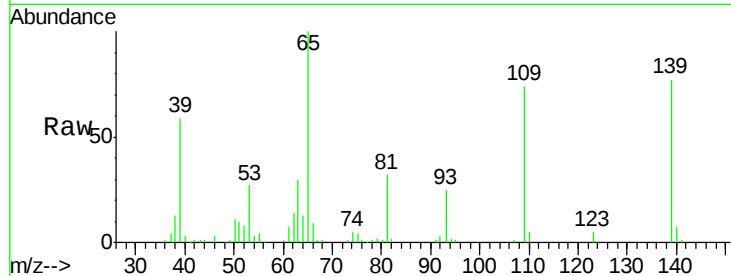
Tot Ion:139 Resp: 41697

Ion Ratio Lower Upper

139 100

109 96.8 76.8 116.8

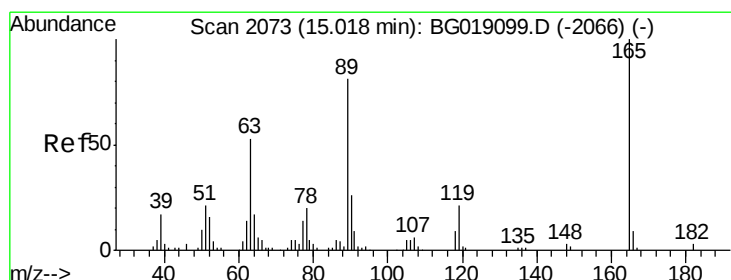
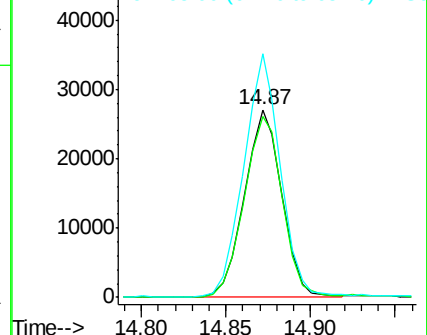
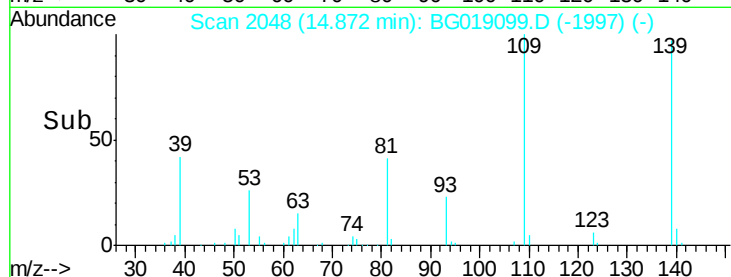
65 130.0 110.0 150.0



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: 38.25 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Tgt Ion:165 Resp: 71039

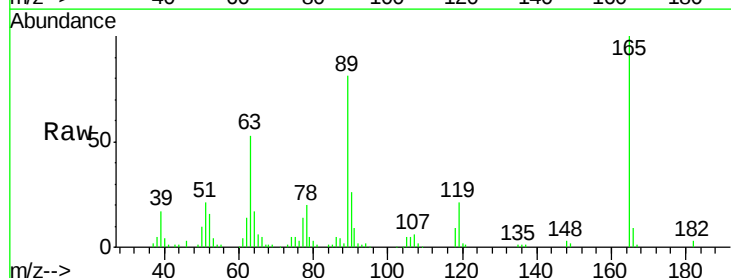
Ion Ratio Lower Upper

165 100

63 52.7 42.2 63.2

89 81.0 64.8 97.2

182 3.0 2.4 3.6

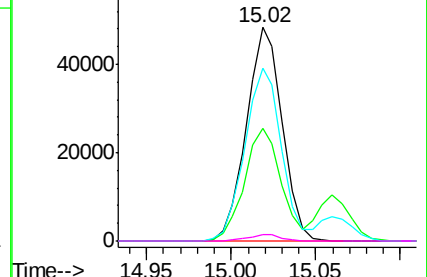
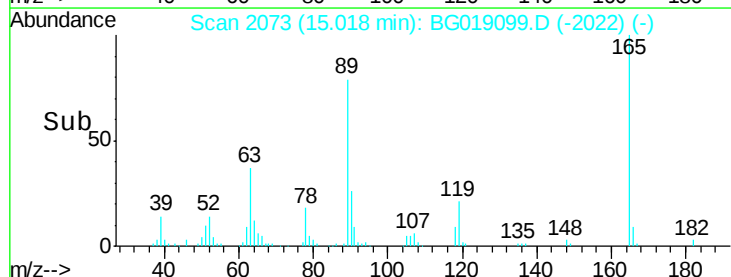


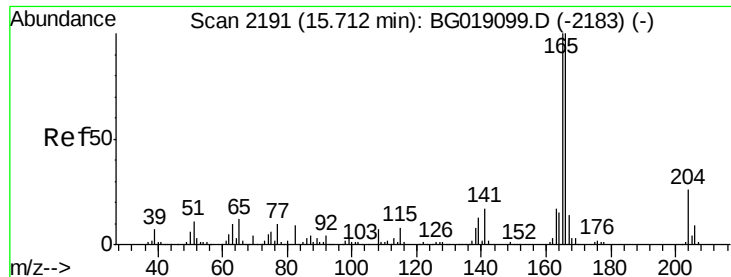
Abundance Ion 165.00 (164.70 to 165.70): E

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

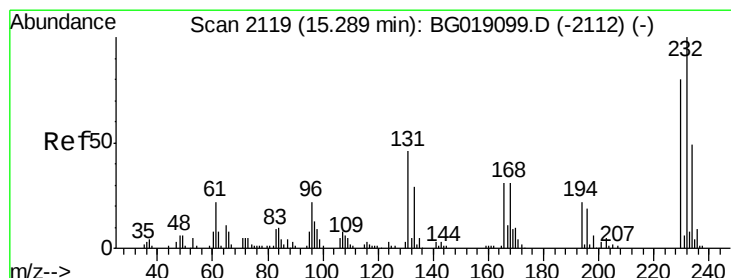
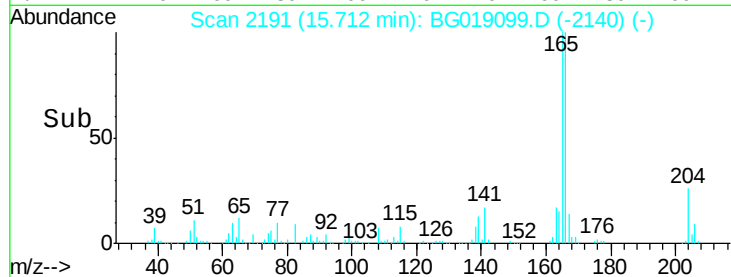
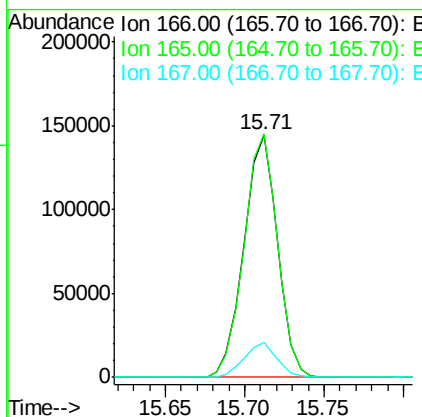
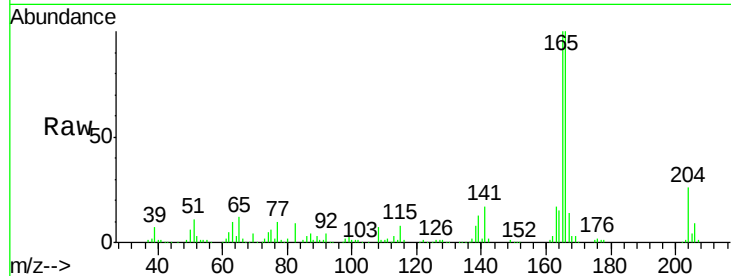




#57
 Fluorene
 Concen: 34.80 ng
 RT: 15.71 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

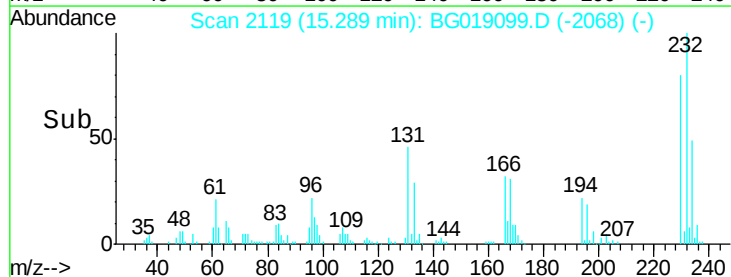
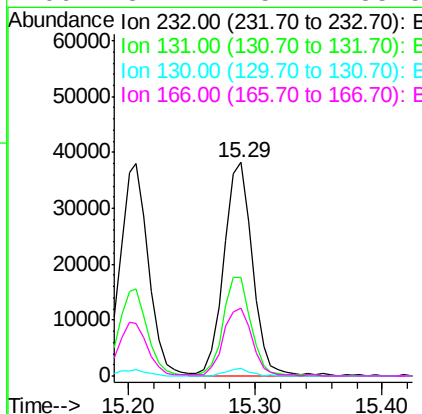
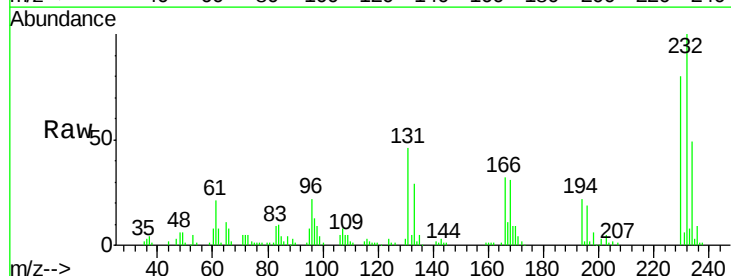
Instrument :
 BNA_G
 ClientSampleId :

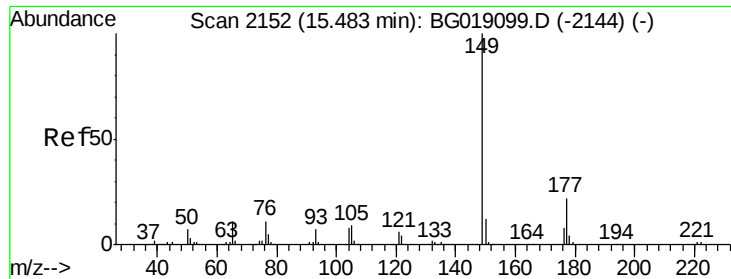
Tot Ion:166 Resp: 212513
 Ion Ratio Lower Upper
 166 100
 165 100.2 80.2 120.2
 167 14.2 11.4 17.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.14 ng
 RT: 15.29 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion:232 Resp: 59578
 Ion Ratio Lower Upper
 232 100
 131 45.6 36.5 54.7
 130 2.9 2.3 3.5
 166 32.1 25.7 38.5

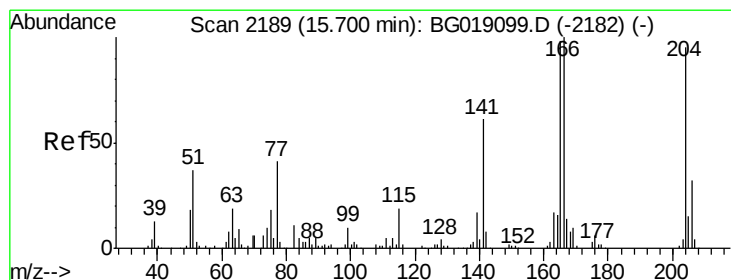
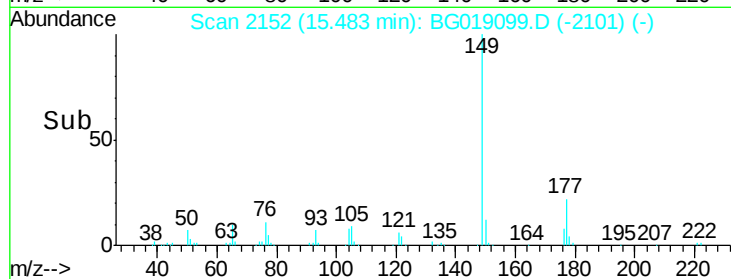
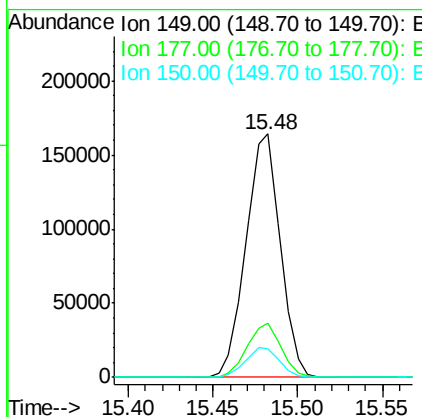
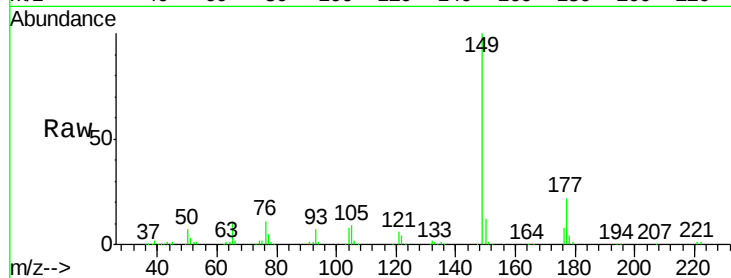




#59
Diethylphthalate
Concen: 36.89 ng
RT: 15.48 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

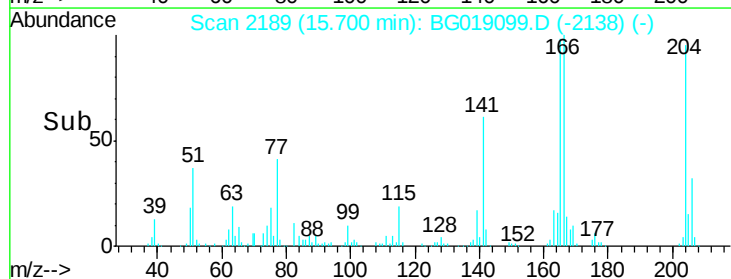
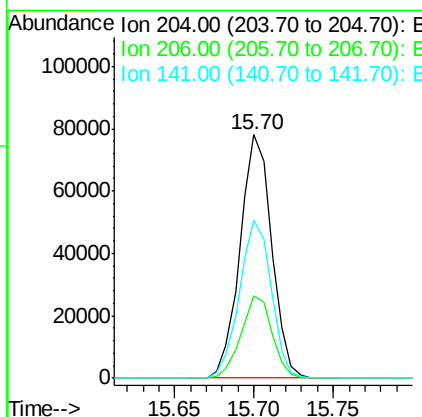
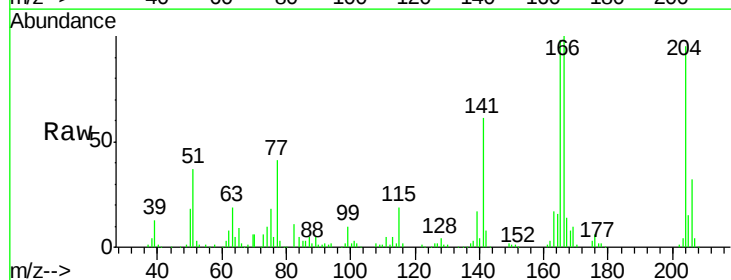
Instrument :
BNA_G
ClientSampleId :

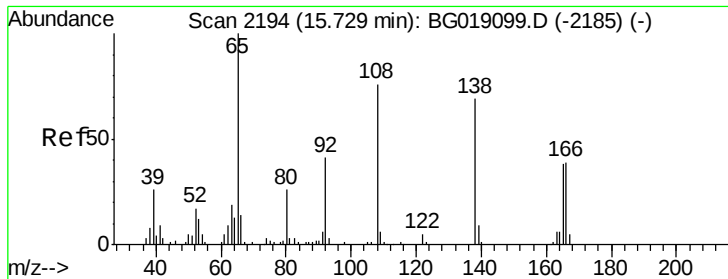
Tot Ion:149 Resp: 232717
Ion Ratio Lower Upper
149 100
177 22.1 17.7 26.5
150 11.8 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 36.52 ng
RT: 15.70 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion:204 Resp: 107847
Ion Ratio Lower Upper
204 100
206 33.7 27.0 40.4
141 64.9 51.9 77.9

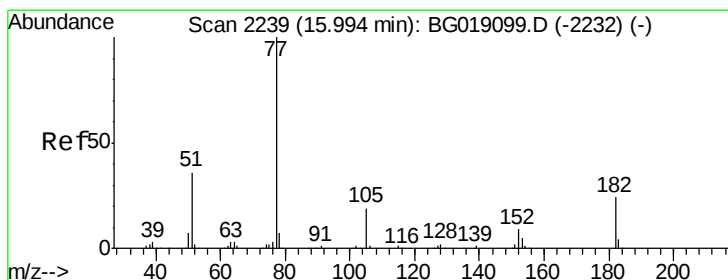
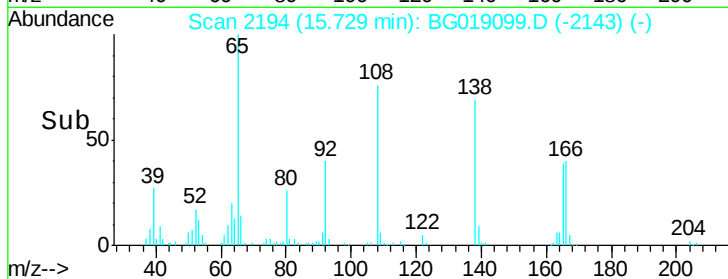
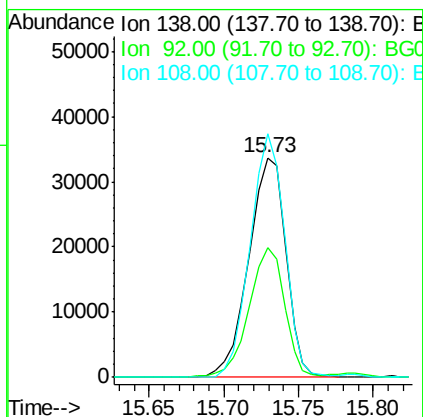
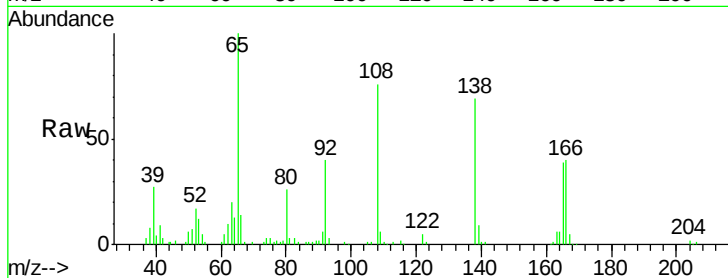




#61
4-Nitroaniline
Concen: 34.85 ng
RT: 15.73 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

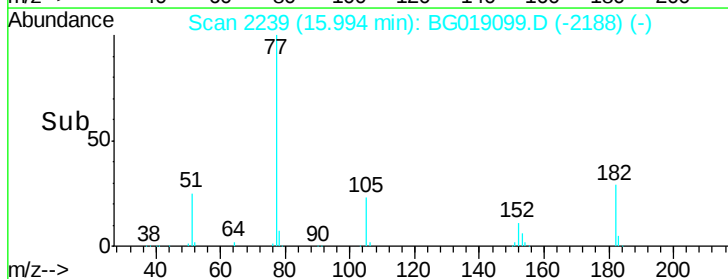
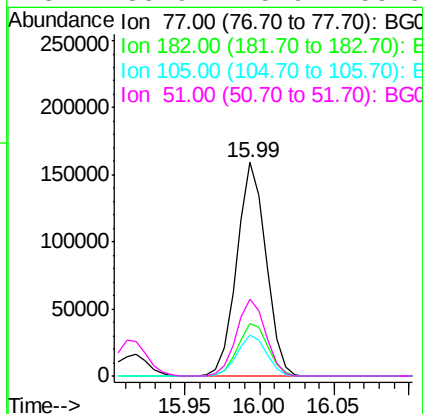
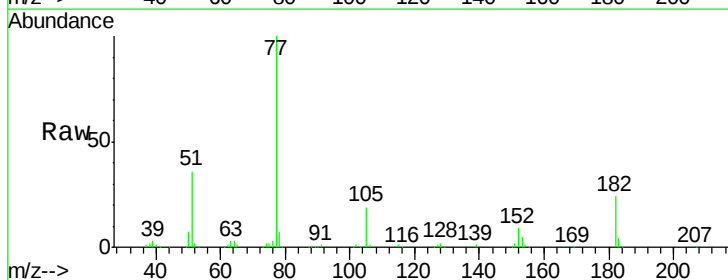
Instrument :
BNA_G
ClientSampleId :

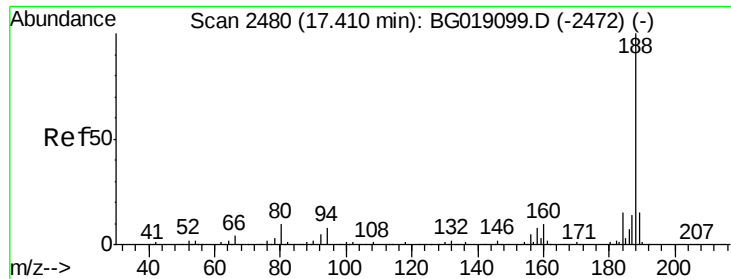
Tot Ion:138 Resp: 58151
Ion Ratio Lower Upper
138 100
92 59.0 39.0 79.0
108 110.8 90.8 130.8



#62
Azobenzene
Concen: 38.70 ng
RT: 15.99 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion: 77 Resp: 216854
Ion Ratio Lower Upper
77 100
182 24.4 4.4 44.4
105 19.1 0.0 39.1
51 35.9 15.9 55.9

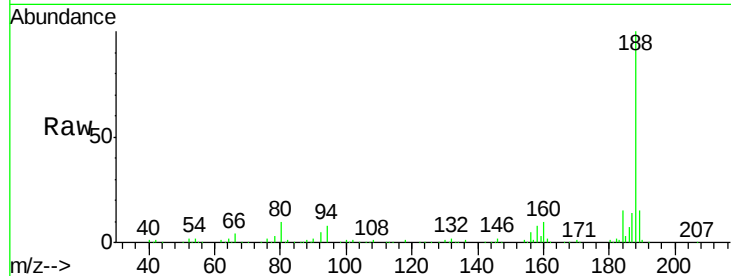




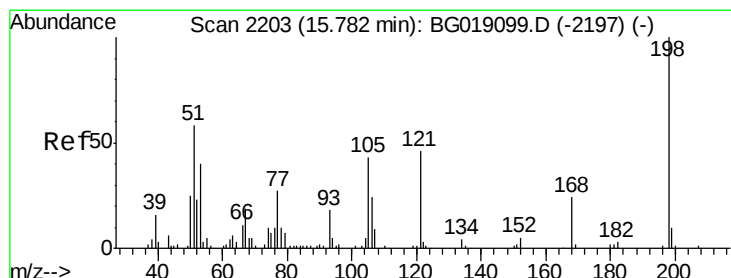
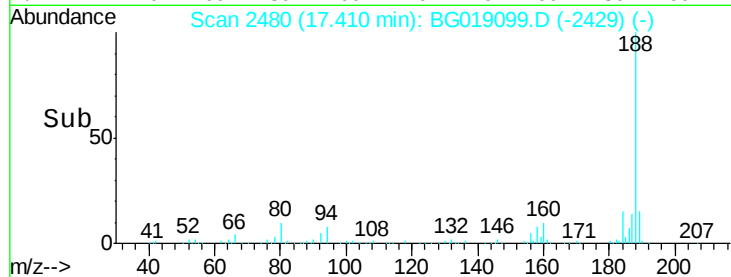
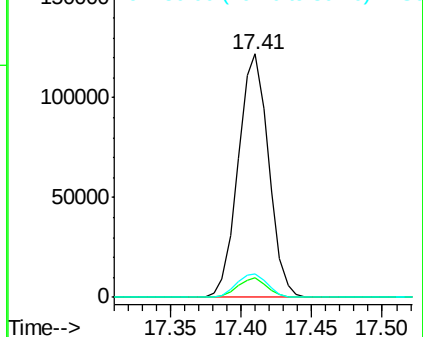
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.41 min Scan# 2480
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 183256
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.4 9.6
 80 9.5 7.6 11.4

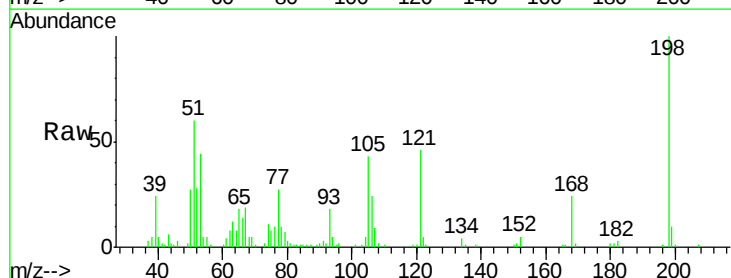


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

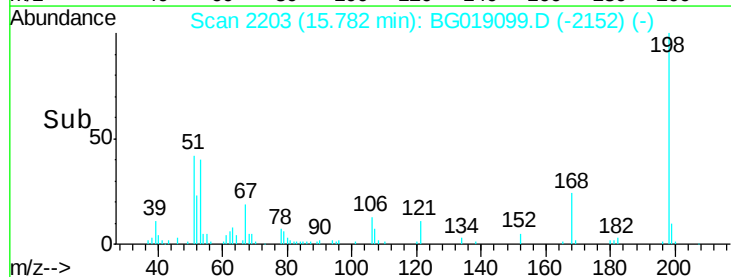
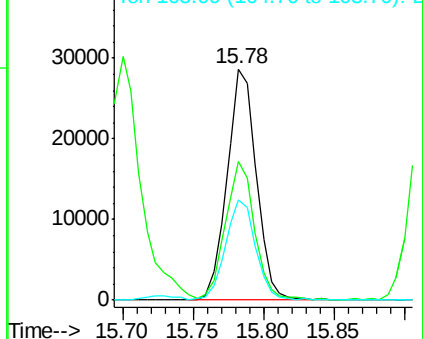


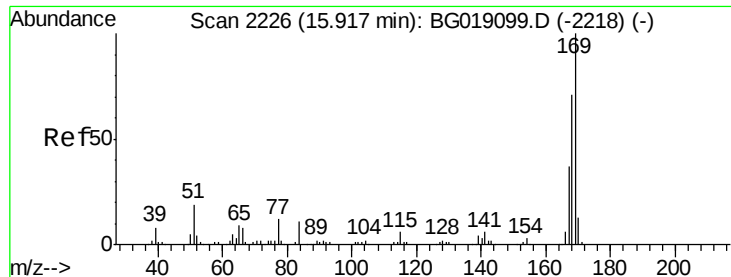
#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.93 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion:198 Resp: 41276
 Ion Ratio Lower Upper
 198 100
 51 60.1 40.1 80.1
 105 43.4 23.4 63.4



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: 37.29 ng

RT: 15.92 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

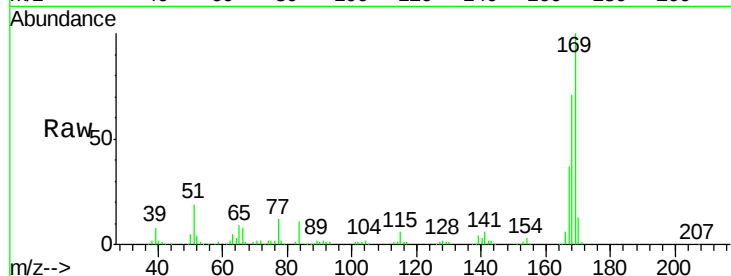
Tot Ion:169 Resp: 197700

Ion Ratio Lower Upper

169 100

168 70.7 56.6 84.8

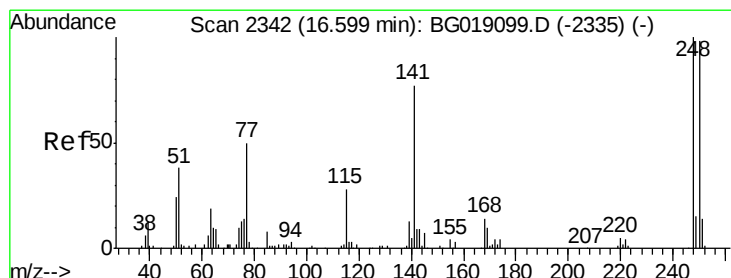
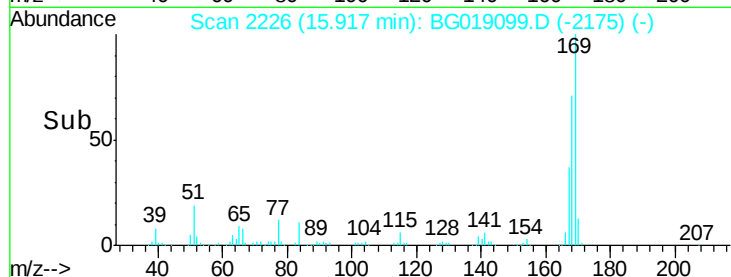
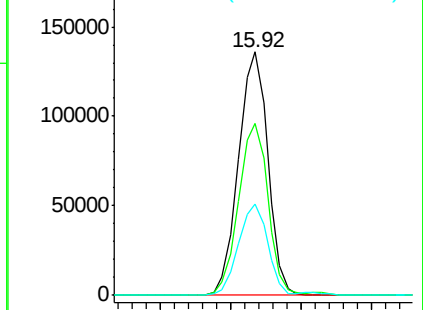
167 37.5 30.0 45.0



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: 39.13 ng

RT: 16.60 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

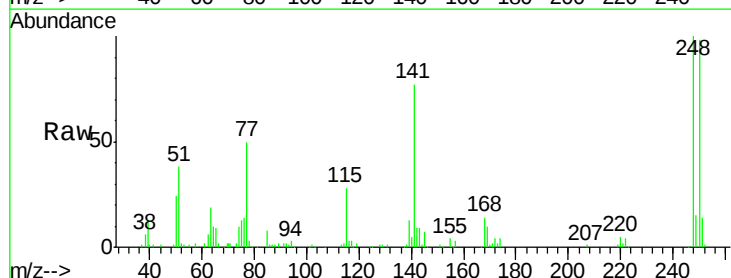
Tgt Ion:248 Resp: 73346

Ion Ratio Lower Upper

248 100

250 98.0 78.4 117.6

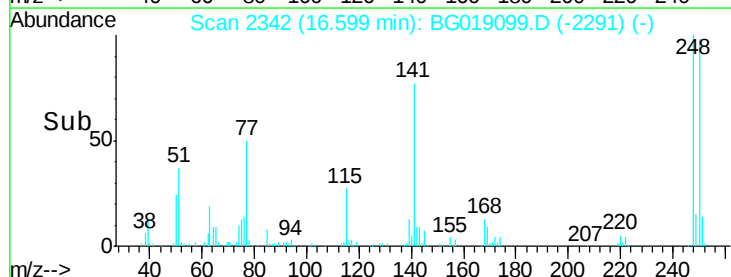
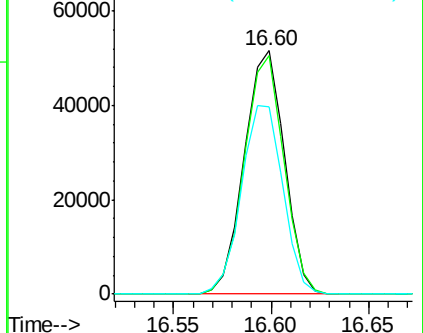
141 77.1 61.7 92.5



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: 41.77 ng

RT: 16.72 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

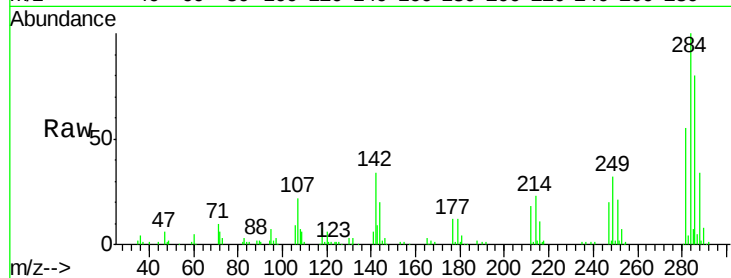
Tot Ion:284 Resp: 86004

Ion Ratio Lower Upper

284 100

142 33.7 27.0 40.4

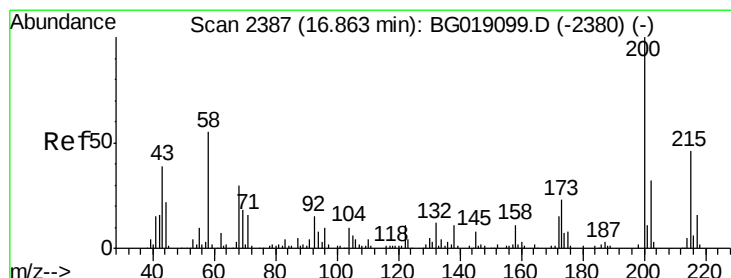
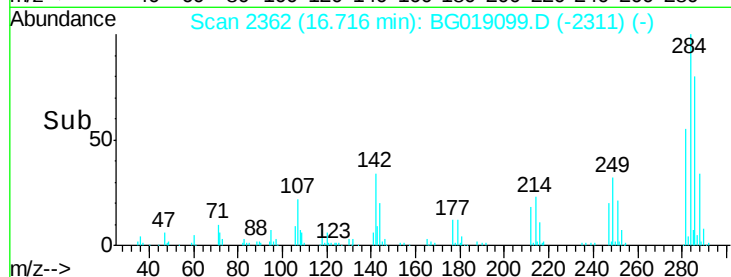
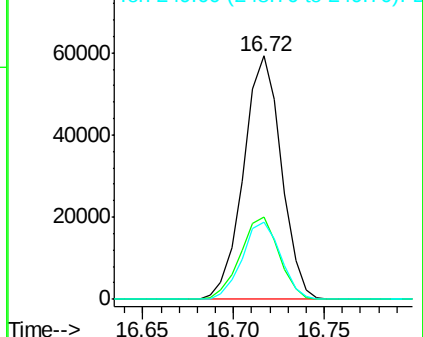
249 31.8 25.4 38.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.84 ng

RT: 16.86 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

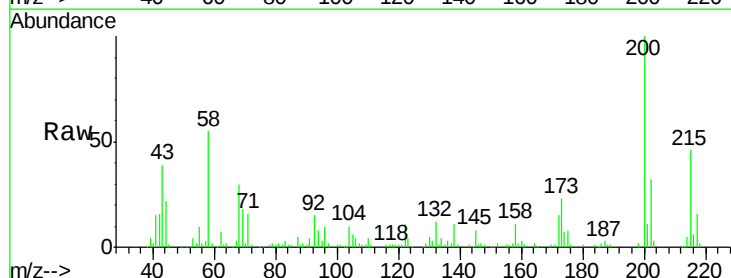
Tgt Ion:200 Resp: 82110

Ion Ratio Lower Upper

200 100

173 23.3 3.3 43.3

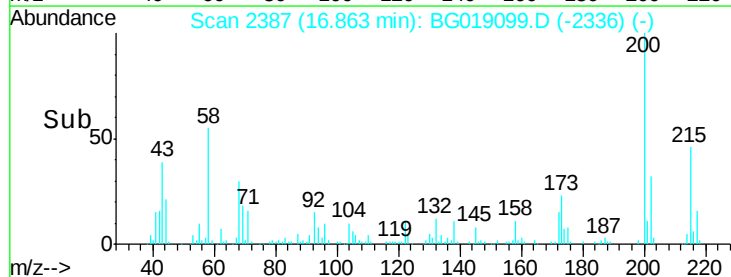
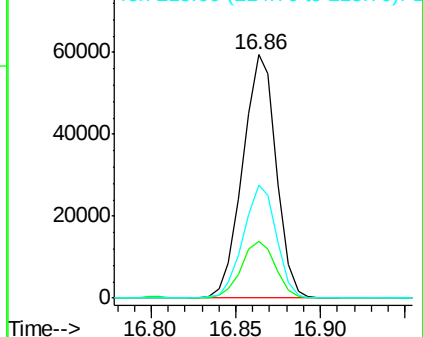
215 46.4 26.4 66.4



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

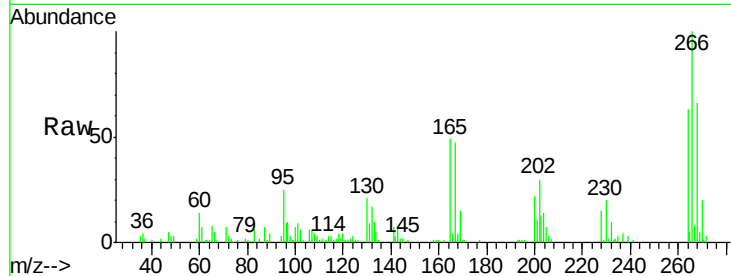




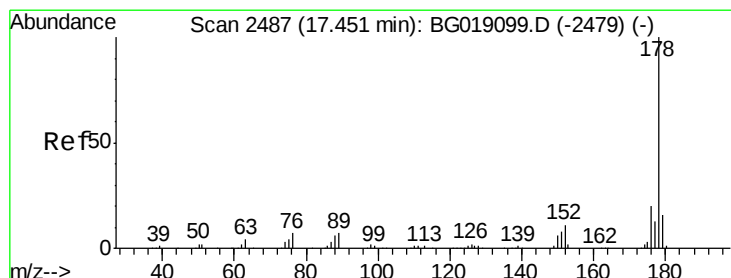
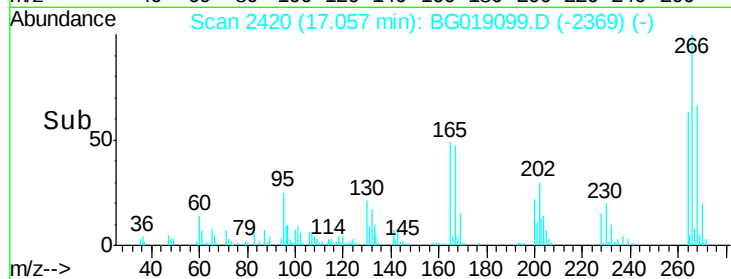
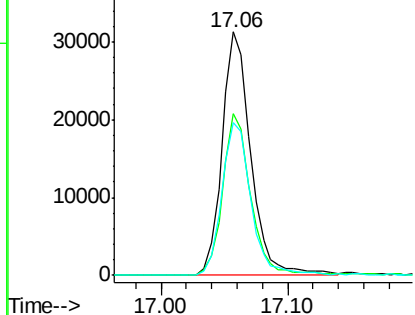
#69
 Pentachlorophenol
 Concen: 39.44 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 49038
 Ion Ratio Lower Upper
 266 100
 268 66.2 53.0 79.4
 264 62.6 50.1 75.1

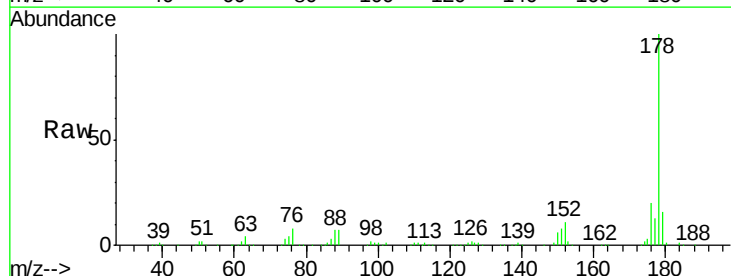


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

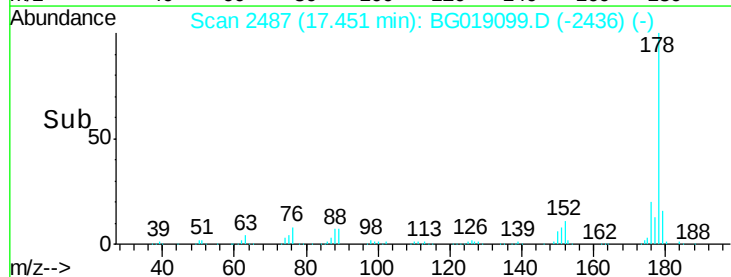
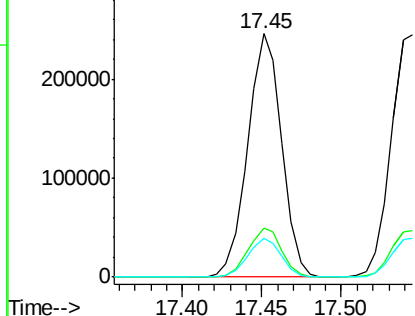


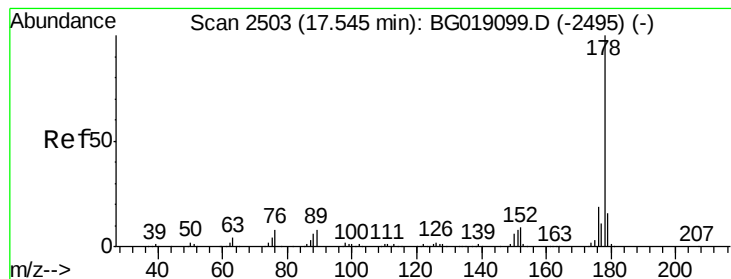
#70
 Phenanthrene
 Concen: 37.77 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion:178 Resp: 363891
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.3 24.5
 179 16.0 12.8 19.2



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





#71

Anthracene

Concen: 37.63 ng

RT: 17.54 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

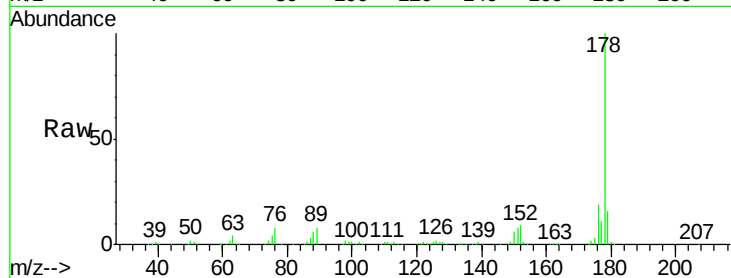
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 367246

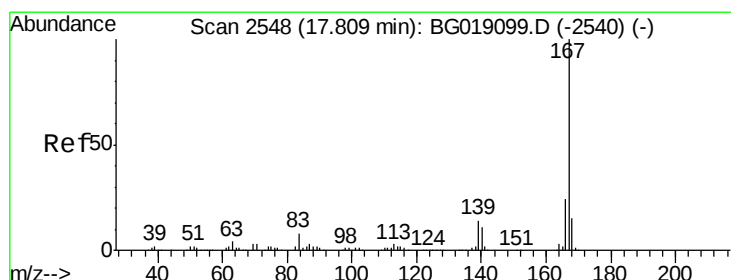
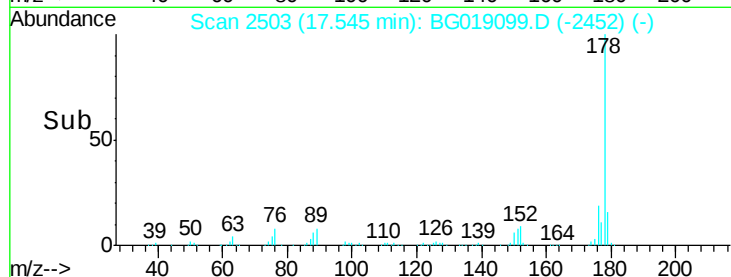
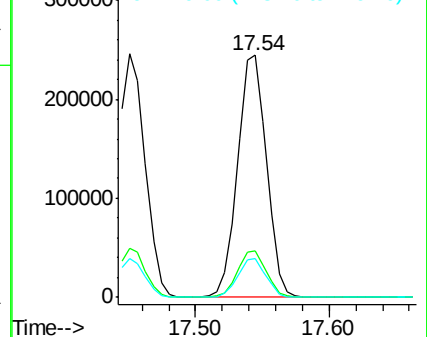
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.1	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.32 ng

RT: 17.81 min Scan# 2548

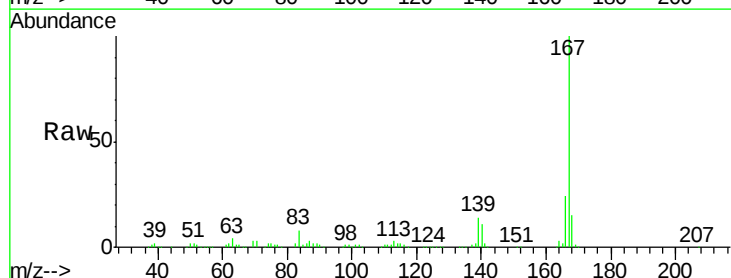
Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Tgt Ion:167 Resp: 339852

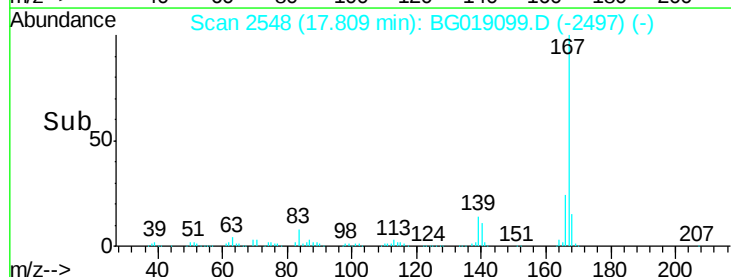
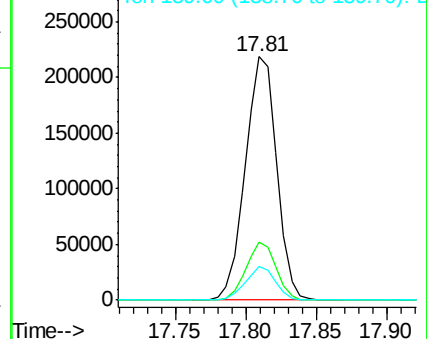
Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.1	28.7
139	14.0	11.2	16.8

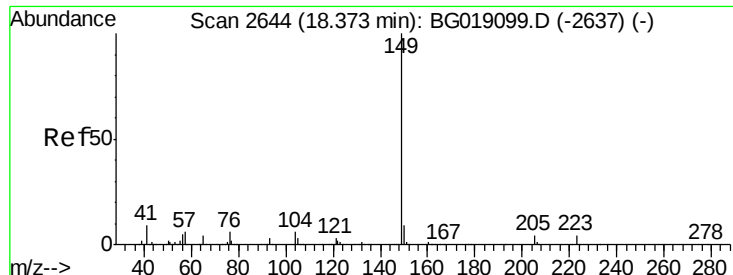


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

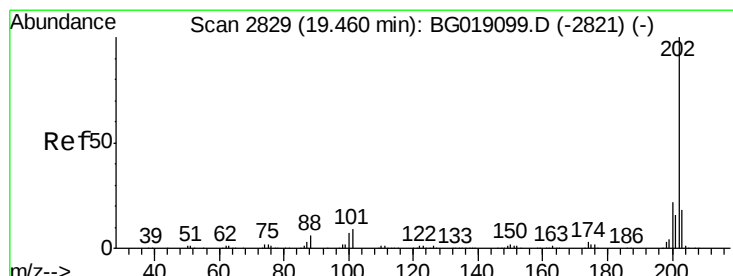
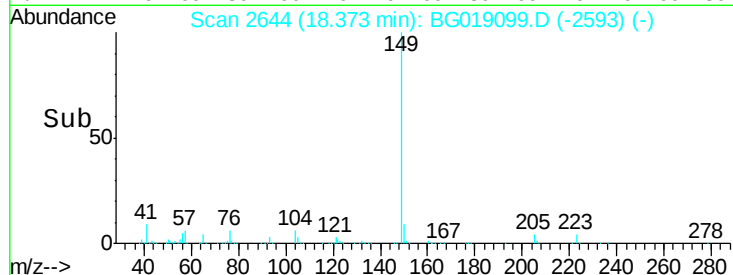
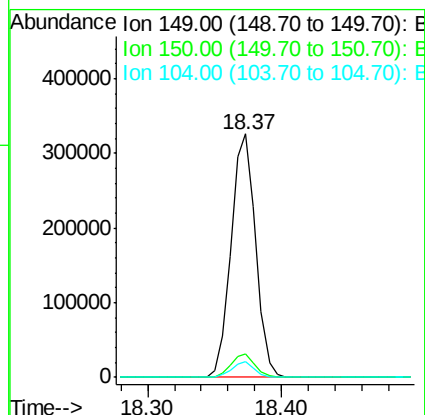
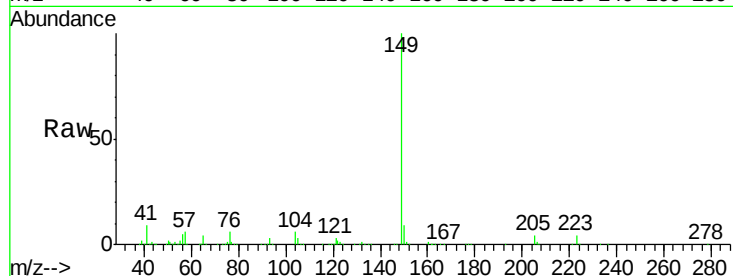




#73
Di-n-butylphthalate
Concen: 37.85 ng
RT: 18.37 min Scan# 2644
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

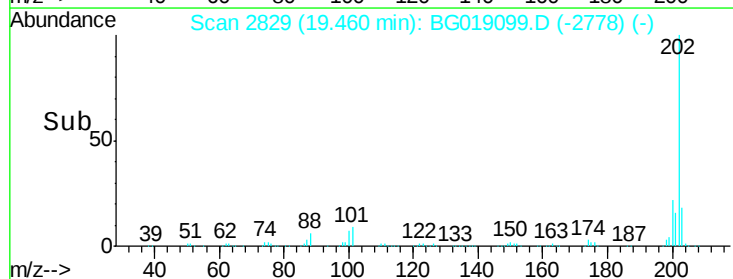
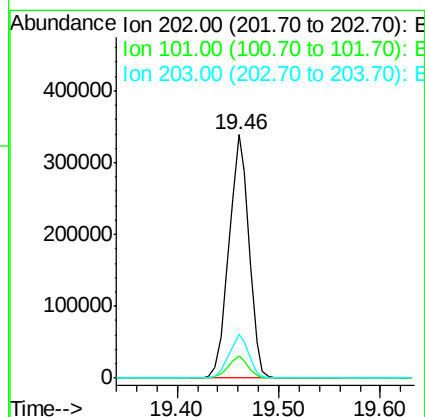
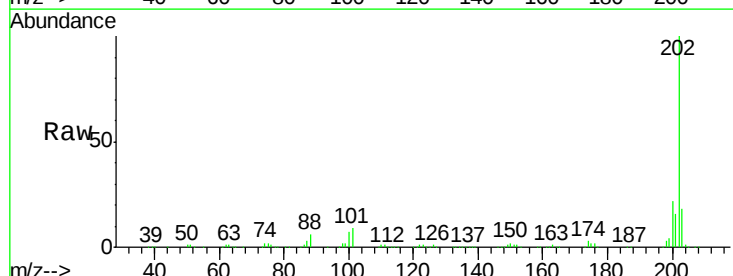
Instrument :
BNA_G
ClientSampleId :

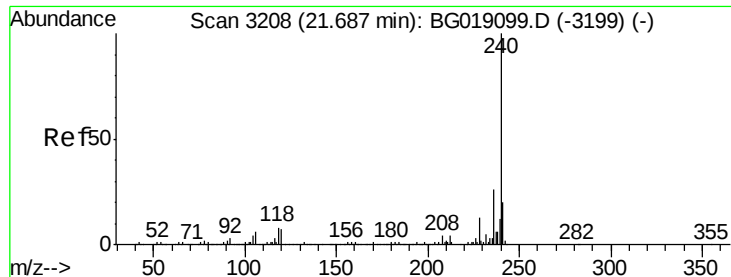
Tot Ion:149 Resp: 419420
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 6.3 5.0 7.6



#74
Fluoranthene
Concen: 38.82 ng
RT: 19.46 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion:202 Resp: 464589
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 18.0 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.69 min Scan# 3208

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

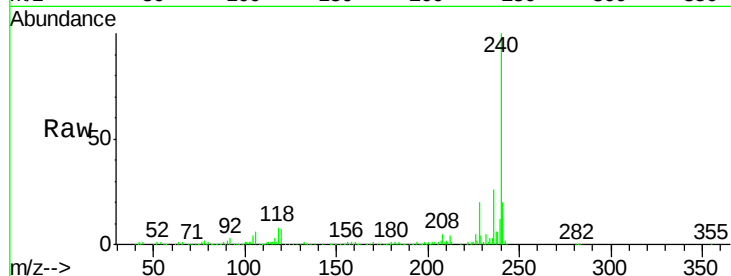
Tot Ion:240 Resp: 212090

Ion Ratio Lower Upper

240 100

120 7.2 5.8 8.6

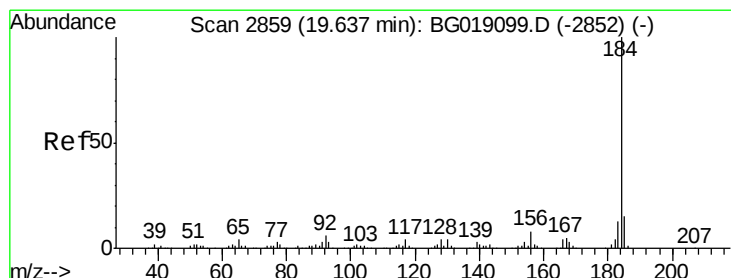
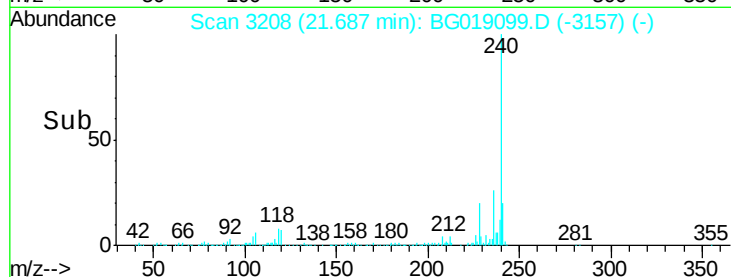
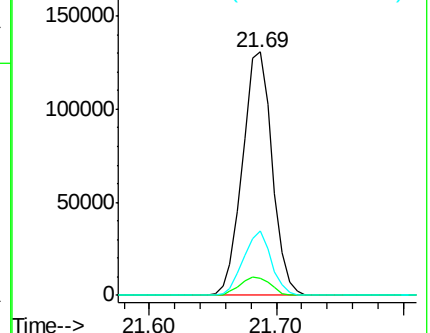
236 26.5 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.33 ng

RT: 19.64 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

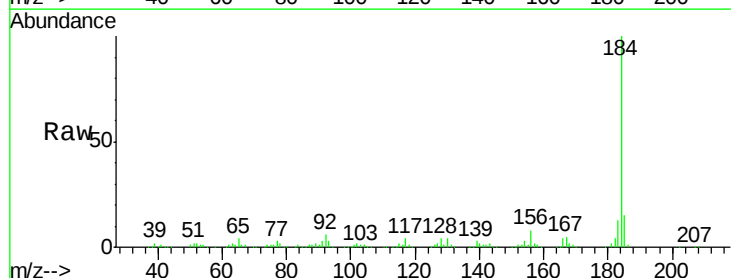
Tgt Ion:184 Resp: 221911

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

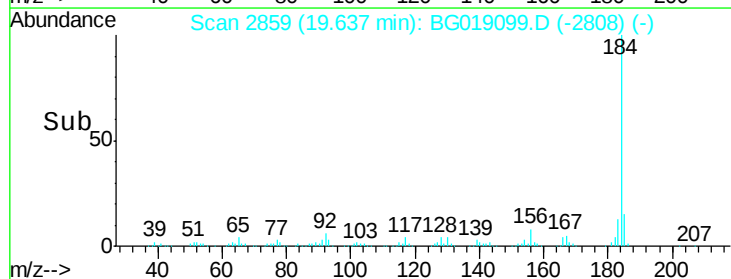
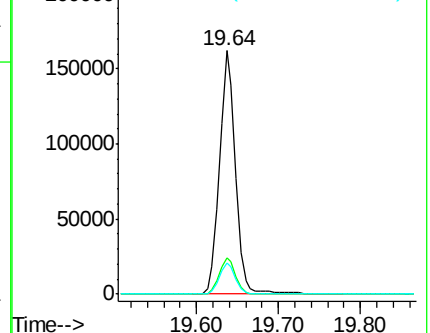
183 12.6 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.13 ng

RT: 19.82 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

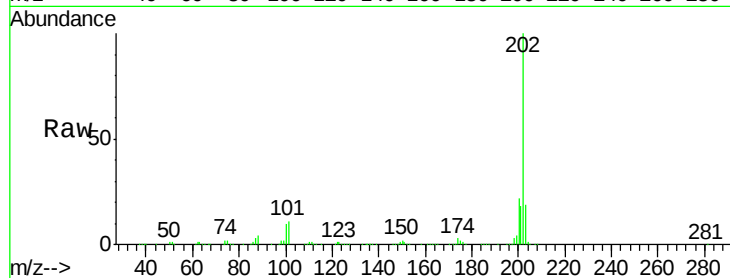
Tot Ion:202 Resp: 467805

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

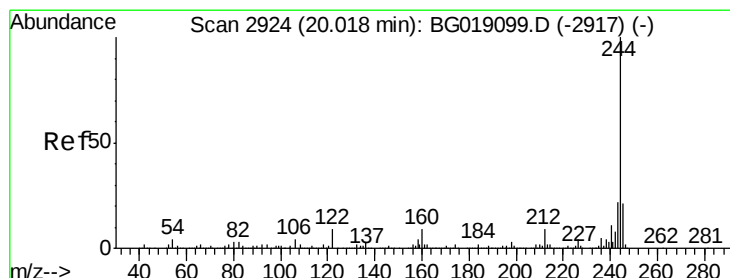
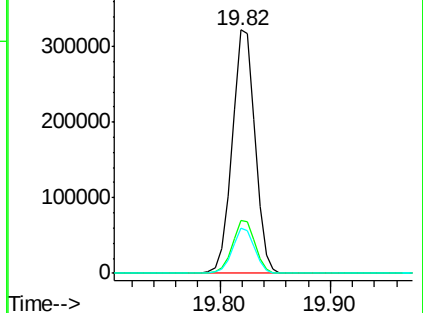
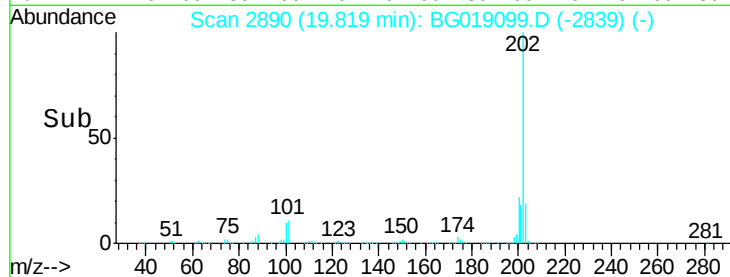
203 18.5 14.8 22.2



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: 77.16 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

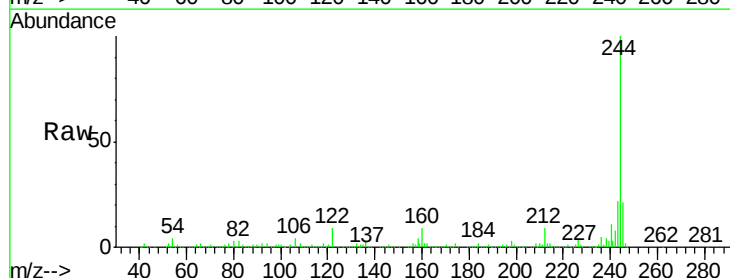
Tgt Ion:244 Resp: 625740

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

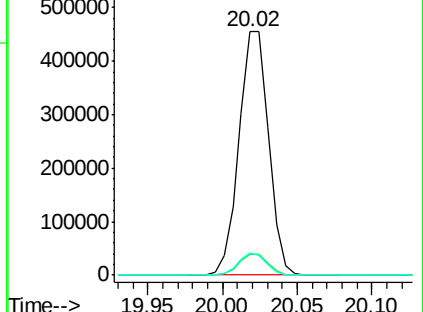
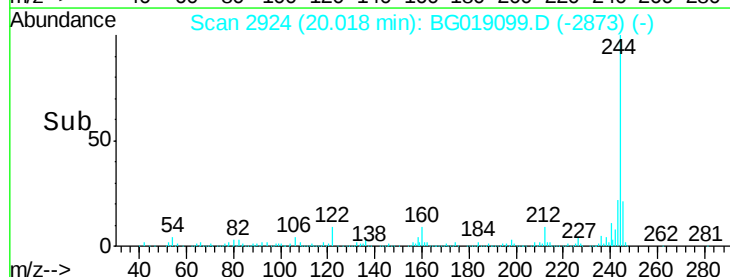
122 9.3 7.4 11.2

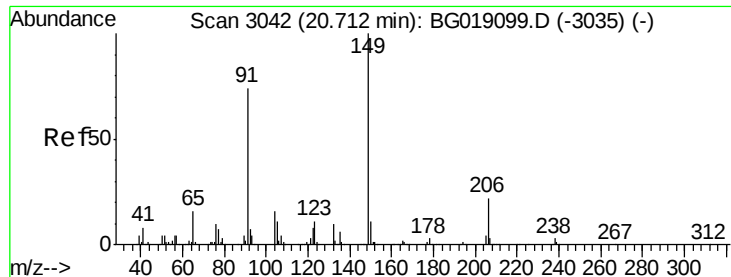


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

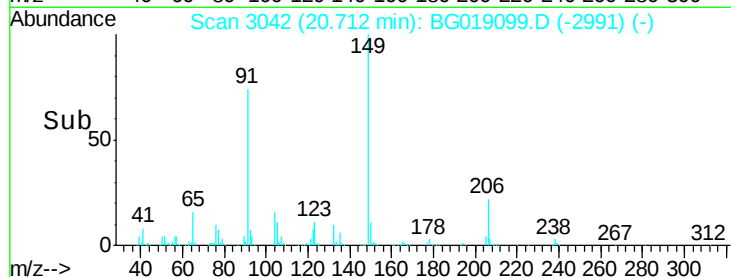
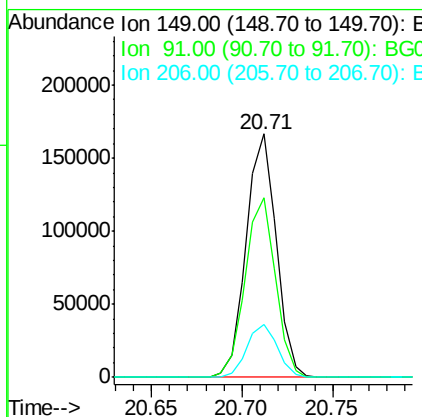
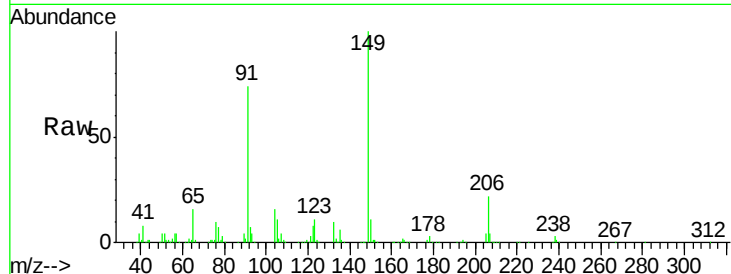




#79
Butylbenzylphthalate
Concen: 36.50 ng
RT: 20.71 min Scan# 3042
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

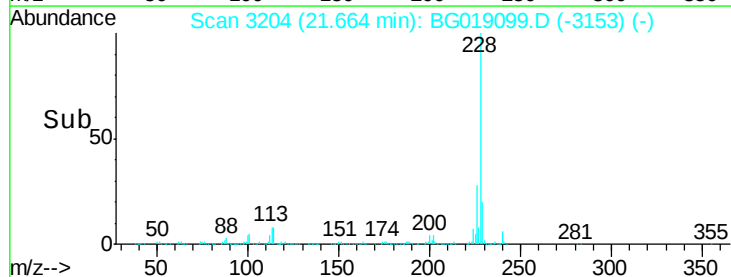
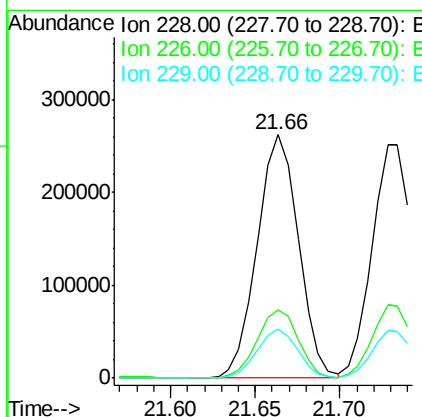
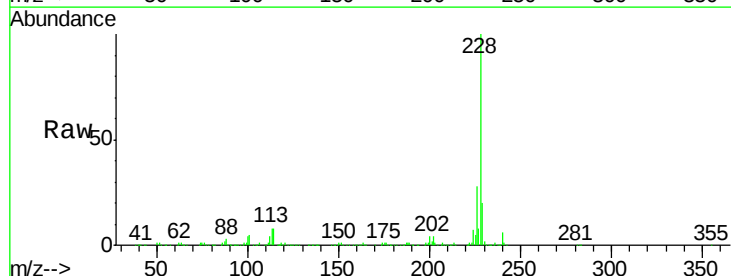
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.0	59.2	88.8
206	21.9	17.5	26.3



#80
Benzo(a)anthracene
Concen: 36.57 ng
RT: 21.66 min Scan# 3204
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.2	16.2	24.2

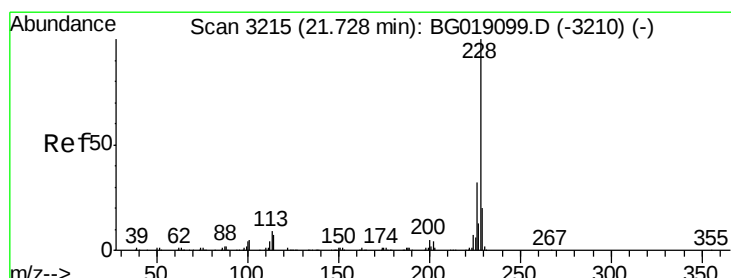
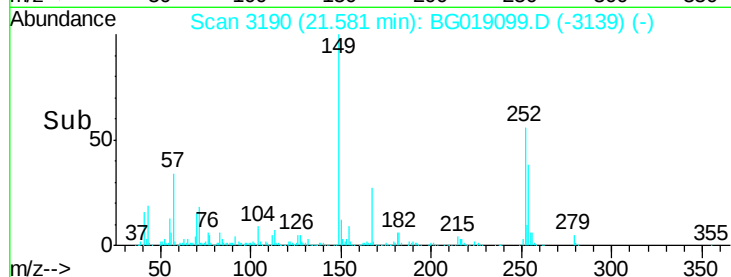
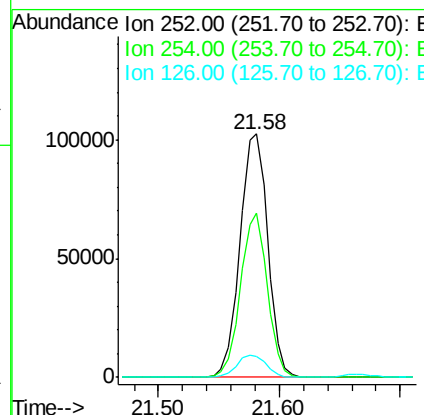
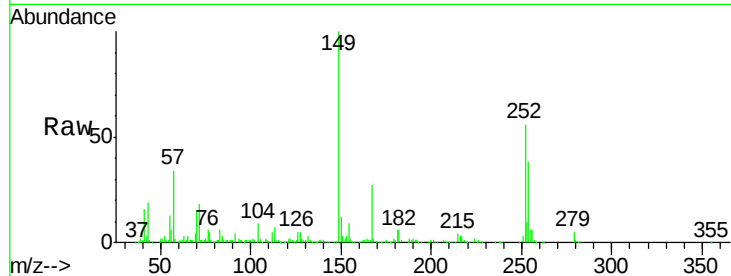




#81
 3,3'-Dichlorobenzidine
 Concen: 35.95 ng
 RT: 21.58 min Scan# 3190
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

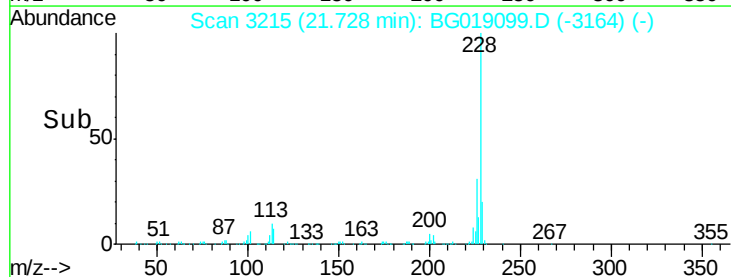
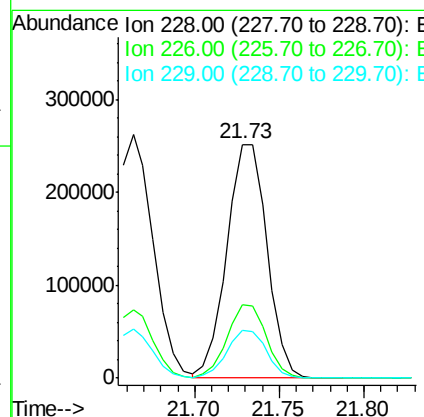
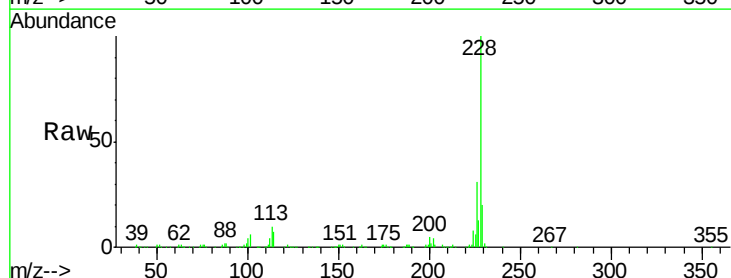
Instrument :
 BNA_G
 ClientSampled :

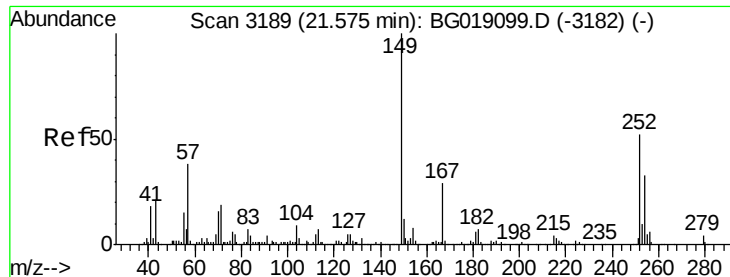
Tot Ion:252 Resp: 165086
 Ion Ratio Lower Upper
 252 100
 254 67.4 53.9 80.9
 126 8.8 7.0 10.6



#82
 Chrysene
 Concen: 36.33 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion:228 Resp: 415508
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.2 37.8
 229 20.4 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.01 ng

RT: 21.58 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

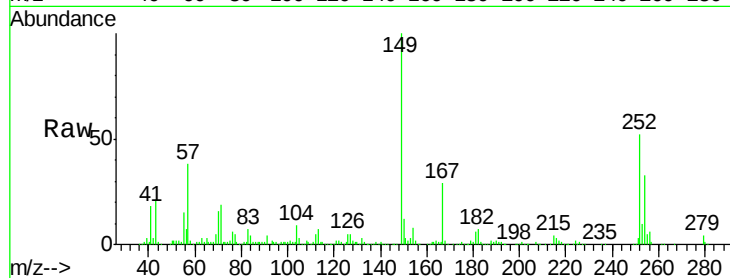
Tot Ion:149 Resp: 263734

Ion Ratio Lower Upper

149 100

167 28.5 22.8 34.2

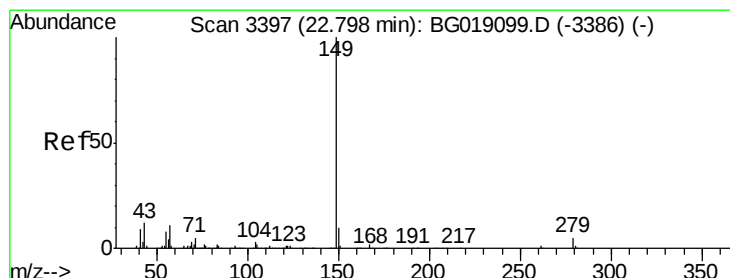
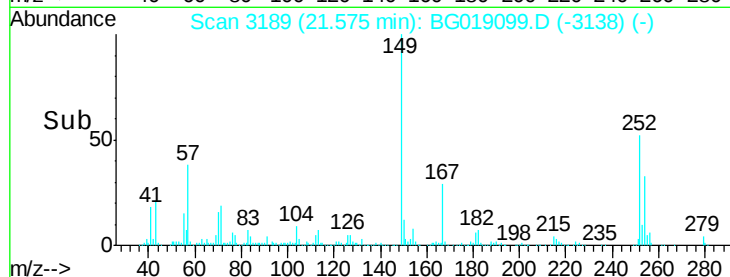
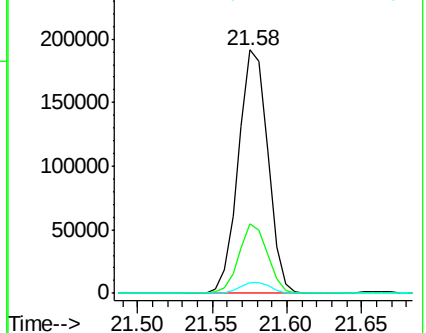
279 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.31 ng

RT: 22.80 min Scan# 3397

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

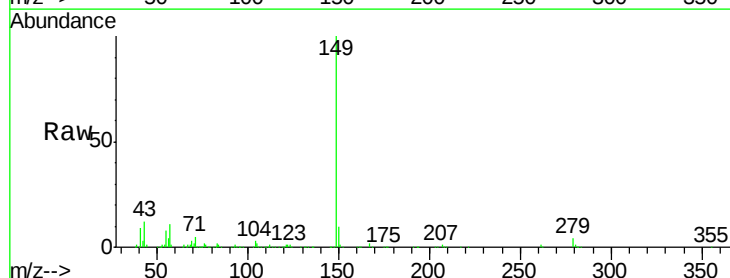
Tgt Ion:149 Resp: 450523

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

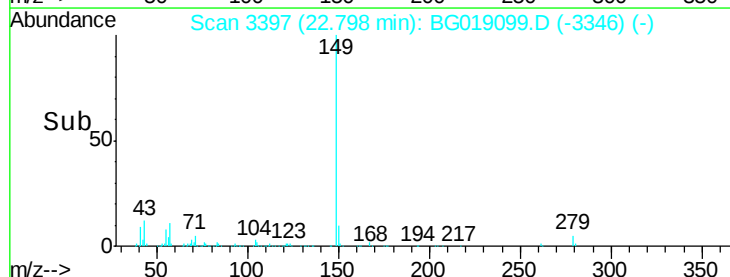
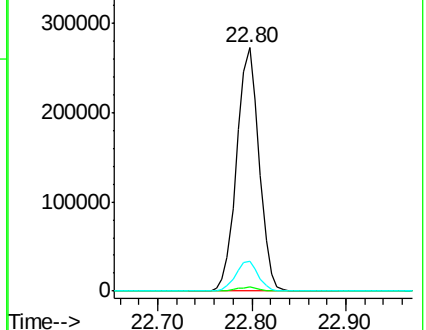
43 12.6 10.1 15.1

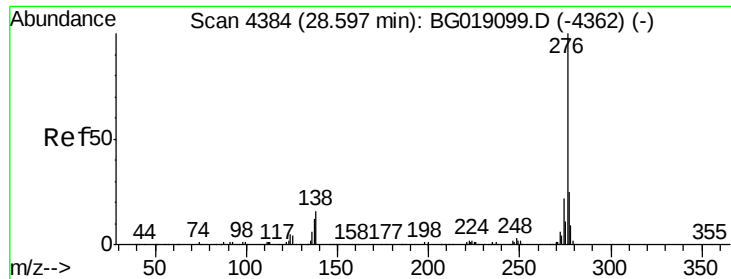


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

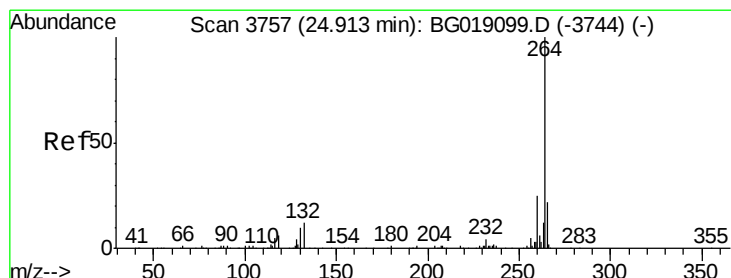
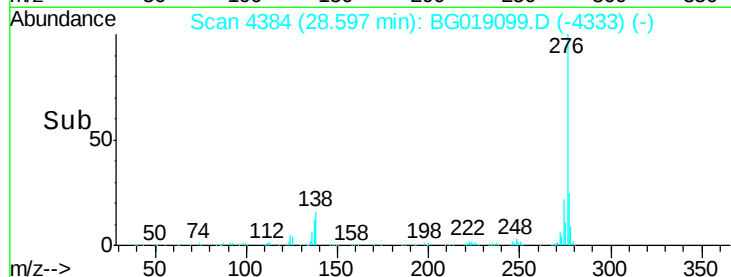
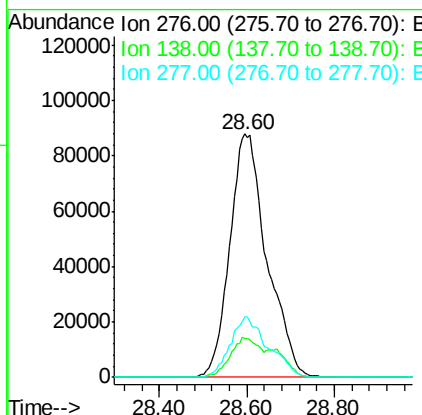
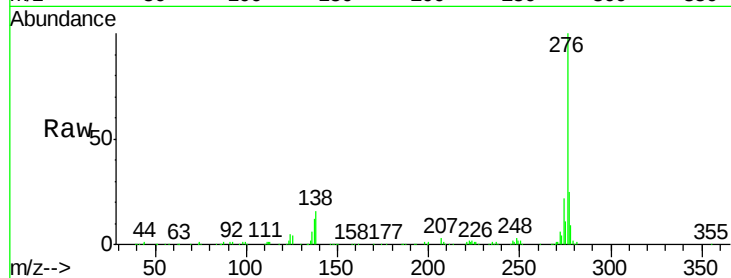




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.16 ng
 RT: 28.60 min Scan# 4384
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

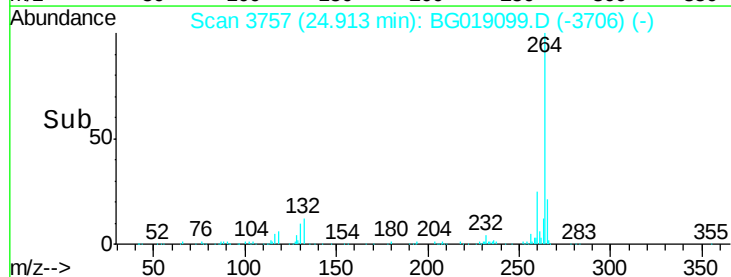
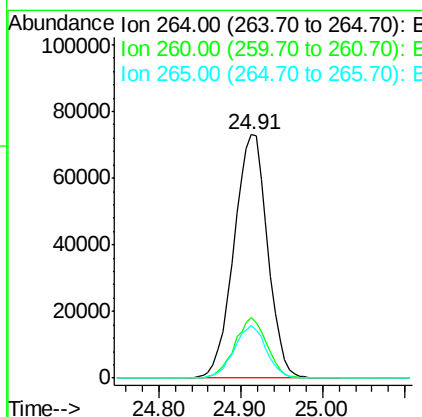
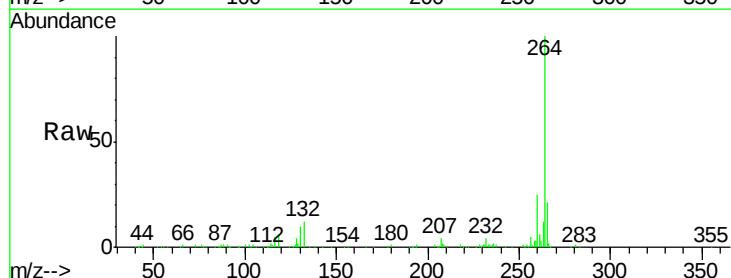
Instrument :
 BNA_G
 ClientSampleId :

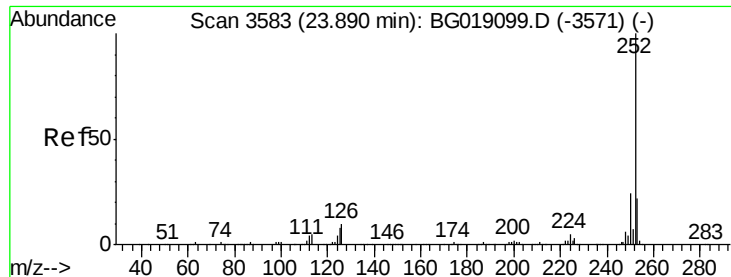
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.8	10.2	15.4
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3757
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	21.5	17.2	25.8

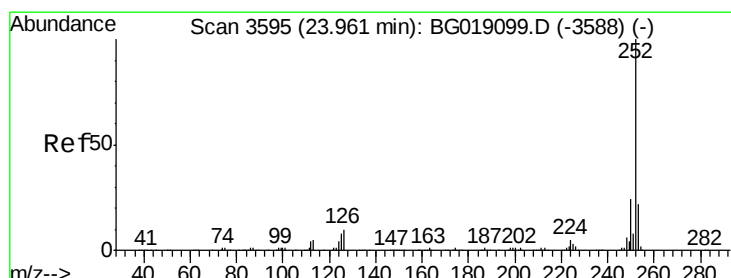
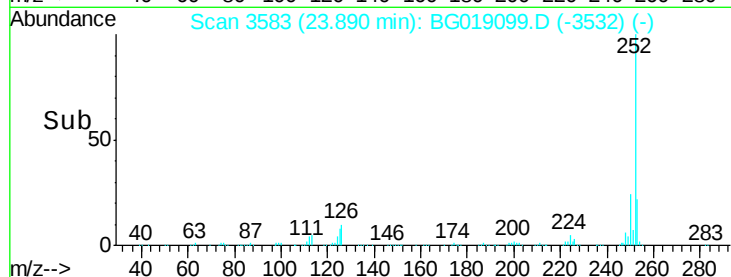
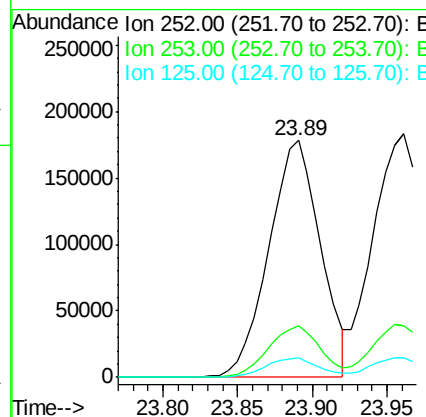
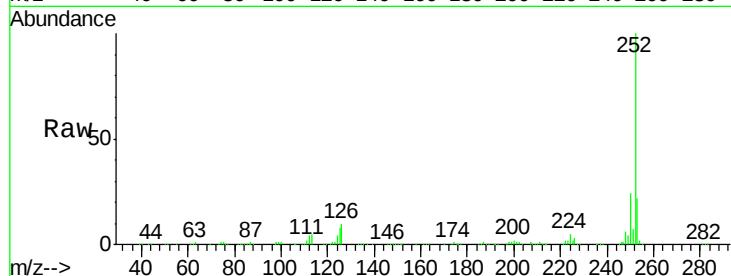




#87
Benzo(b)fluoranthene
Concen: 35.80 ng
RT: 23.89 min Scan# 3583
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

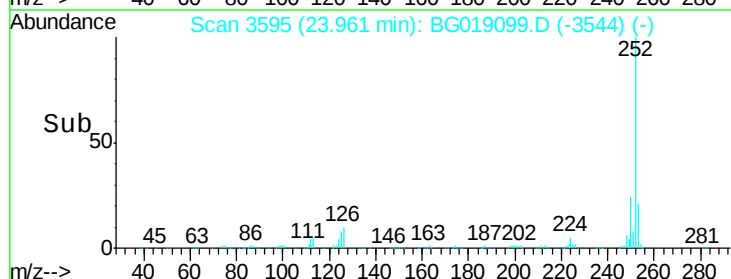
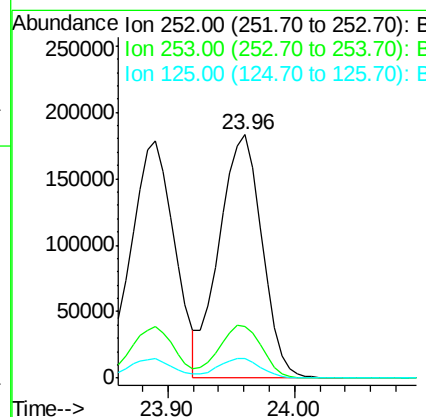
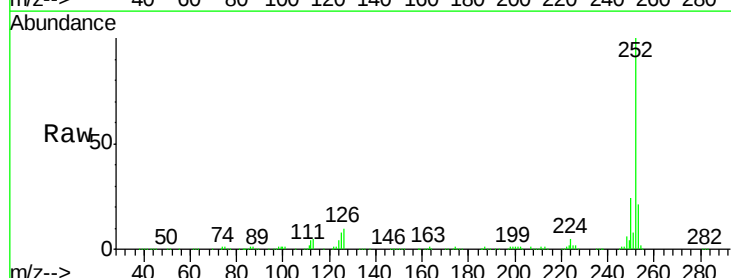
Instrument :
BNA_G
ClientSampleId :

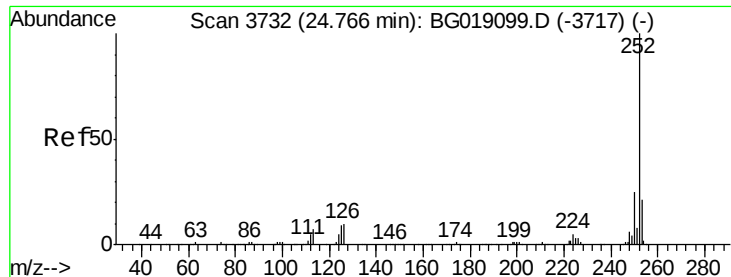
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.2	6.6	9.8



#88
Benzo(k)fluoranthene
Concen: 35.65 ng
RT: 23.96 min Scan# 3595
Delta R.T. 0.00 min
Lab File: BG019099.D
Acq: 10 Oct 2015 3:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	8.0	6.4	9.6





#89

Benzo(a)pyrene

Concen: 35.73 ng

RT: 24.77 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

Instrument :

BNA_G

ClientSampleId :

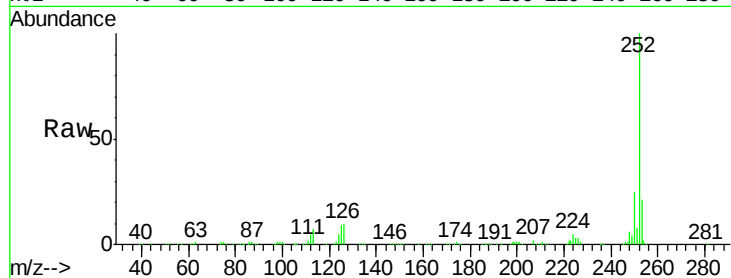
Tot Ion:252 Resp: 406953

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

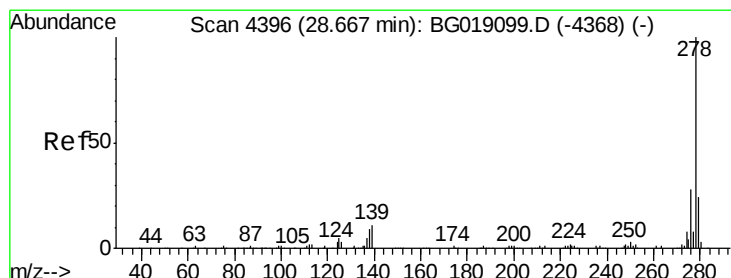
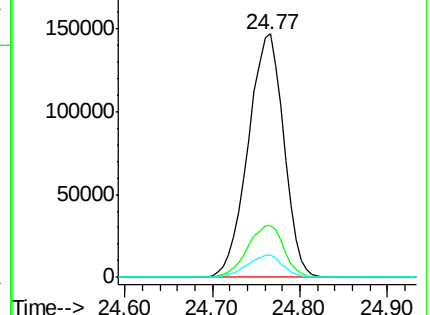
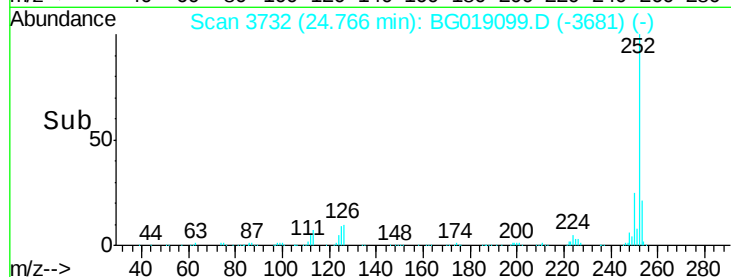
125 9.0 7.2 10.8



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: 38.41 ng

RT: 28.67 min Scan# 4396

Delta R.T. 0.00 min

Lab File: BG019099.D

Acq: 10 Oct 2015 3:32

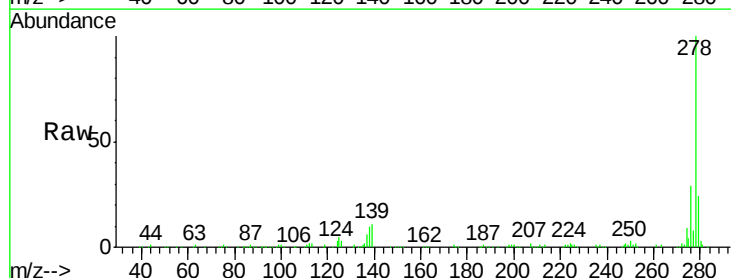
Tgt Ion:278 Resp: 435242

Ion Ratio Lower Upper

278 100

139 10.7 8.6 12.8

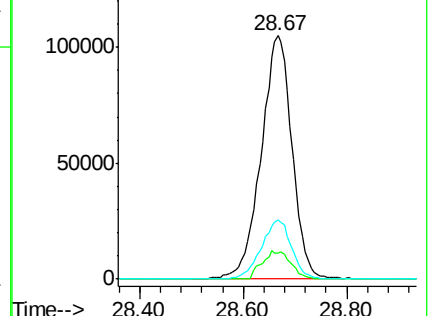
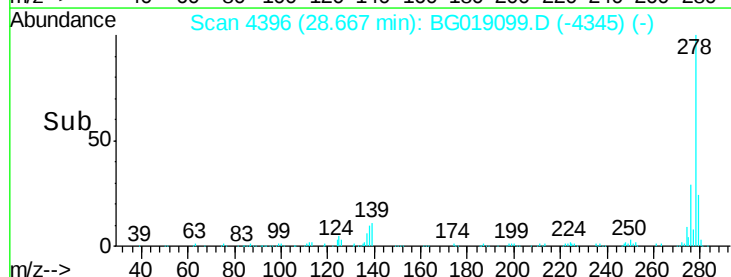
279 24.4 19.5 29.3

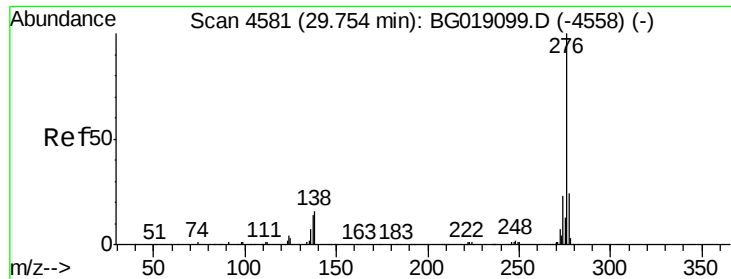


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.37 ng
 RT: 29.75 min Scan# 4581
 Delta R.T. 0.00 min
 Lab File: BG019099.D
 Acq: 10 Oct 2015 3:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	16.3	13.0	19.6

