

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019122.D
 Acq On : 10 Oct 2015 18:05
 Operator : UM/NP
 Sample : PB85991BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Quant Time: Oct 12 06:35:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 06:30:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16361	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	69050	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	47251	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	127745	20.00	ng	0.00
75) Chrysene-d12	21.68	240	171643	20.00	ng	0.00
86) Perylene-d12	24.90	264	166740	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	96493	120.08	ng	0.00
7) Phenol-d6	7.20	99	145345	117.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	94981	76.00	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	75025	116.52	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	226512	73.71	ng	0.00
78) Terphenyl-d14	20.02	244	490159	75.43	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	10494	31.05	ng	92
3) Pyridine	3.90	79	25067	24.26	ng	93
4) n-Nitrosodimethylamine	3.81	42	16029	27.36	ng	98
6) Aniline	7.36	93	28235	16.89	ng	97
8) 2-Chlorophenol	7.60	128	31603	31.34	ng	95
9) Benzaldehyde	7.17	77	2618	3.37	ng	89
10) Phenol	7.22	94	40703	31.66	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	27560	28.37	ng	98
12) 1,3-Dichlorobenzene	7.92	146	30692	27.88	ng	99
13) 1,4-Dichlorobenzene	8.07	146	31494	27.96	ng	97
14) 1,2-Dichlorobenzene	8.38	146	31243	28.66	ng	92
15) Benzyl Alcohol	8.27	79	31358	28.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	61288	29.46	ng	97
17) 2-Methylphenol	8.47	107	29036	31.63	ng	98
18) Hexachloroethane	9.12	117	11834	27.57	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	24929	25.45	ng	97
20) 3+4-Methylphenols	8.80	107	39763	30.07	ng	99
22) Acetophenone	8.85	105	59930	37.12	ng	# 97
24) Nitrobenzene	9.23	77	39818	30.03	ng	99
25) Isophorone	9.75	82	70920	27.90	ng	100
26) 2-Nitrophenol	9.95	139	15513	27.44	ng	97
27) 2,4-Dimethylphenol	10.01	122	30838	31.22	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	39287	28.96	ng	97
29) 2,4-Dichlorophenol	10.48	162	33011	31.87	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	33245	29.91	ng	97
31) Naphthalene	10.89	128	97163	29.24	ng	97
32) Benzoic acid	10.13	122	13361	26.03	ng	94
33) 4-Chloroaniline	10.99	127	17332	11.22	ng	97
34) Hexachlorobutadiene	11.17	225	22330	29.30	ng	96
35) Caprolactam	11.75	113	14815	38.84	ng	# 87
36) 4-Chloro-3-methylphenol	12.11	107	38697	29.40	ng	98
37) 2-Methylnaphthalene	12.49	142	75402	29.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	49832	36.70	ng	98
40) Hexachlorocyclopentadiene	12.84	237	56023	79.31	ng	97

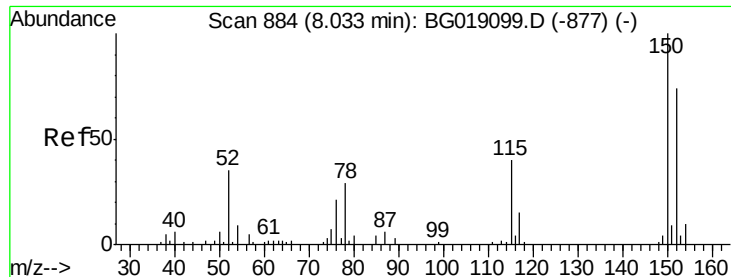
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	28417	30.06	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	29830	29.69	nq	93
45) 1,1'-Biphenyl	13.50	154	126381	36.83	nq	99
46) 2-Chloronaphthalene	13.54	162	78990	29.92	nq	97
47) 2-Nitroaniline	13.74	65	31284	29.51	nq	98
48) Acenaphthylene	14.38	152	135517	29.10	nq	100
49) Dimethylphthalate	14.11	163	108713	29.13	nq	100
50) 2,6-Dinitrotoluene	14.23	165	23066	28.93	nq	94
51) Acenaphthene	14.72	154	80326	28.69	nq	100
52) 3-Nitroaniline	14.56	138	15910	18.09	nq	98
53) 2,4-Dinitrophenol	14.76	184	26946	62.82	nq	94
54) Dibenzofuran	15.06	168	127271	30.76	nq	97
55) 4-Nitrophenol	14.87	139	50454	75.79	nq	96
56) 2,4-Dinitrotoluene	15.02	165	35783	30.87	nq	93
57) Fluorene	15.70	166	110217	30.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	29714	31.24	nq	# 99
59) Diethylphthalate	15.48	149	115311	29.75	nq	98
60) 4-Chlorophenyl-phenylether	15.70	204	54189	29.63	nq	98
61) 4-Nitroaniline	15.72	138	29304	30.65	nq	93
62) Azobenzene	15.99	77	113588	31.60	nq	98
64) 4,6-Dinitro-2-methylphenol	15.78	198	19729	28.29	nq	98
65) n-Nitrosodiphenylamine	15.91	169	98863	28.00	nq	98
66) 4-Bromophenyl-phenylether	16.59	248	38064	29.32	nq	98
67) Hexachlorobenzene	16.72	284	44427	29.14	nq	95
68) Atrazine	16.86	200	58001	39.89	nq	97
69) Pentachlorophenol	17.06	266	55200	69.45	nq	97
70) Phenanthrene	17.45	178	196439	29.88	nq	98
71) Anthracene	17.54	178	201609	30.66	nq	99
72) Carbazole	17.81	167	200447	32.56	nq	98
73) Di-n-butylphthalate	18.37	149	242819	32.20	nq	99
74) Fluoranthene	19.46	202	278109	32.88	nq	99
76) Benzidine	19.64	184	109817	24.94	nq	98
77) Pyrene	19.82	202	290057	30.18	nq	98
79) Butylbenzylphthalate	20.70	149	114001	29.11	nq	98
80) Benzo(a)anthracene	21.66	228	278572	30.28	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	78715	23.13	nq	98
82) Chrysene	21.73	228	261002	29.89	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	162711	29.91	nq	99
84) Di-n-octyl phthalate	22.79	149	279875	29.78	nq	100
85) Indeno(1,2,3-cd)pyrene	28.58	276	316052	29.74	nq	98
87) Benzo(b)fluoranthene	23.88	252	275658	30.75	nq	99
88) Benzo(k)fluoranthene	23.95	252	269532	30.45	nq	98
89) Benzo(a)pyrene	24.75	252	264584	31.24	nq	98
90) Dibenzo(a,h)anthracene	28.65	278	276310	30.38	nq	99
91) Benzo(g,h,i)perylene	29.73	276	256863	30.37	nq	97

(#) = 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. -0.01 min

Lab File: BG019122.D

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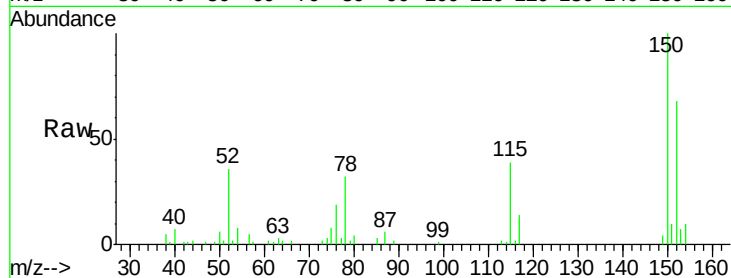
Tot Ion:152 Resp: 16361

Ion Ratio Lower Upper

152 100

150 146.4 108.2 162.2

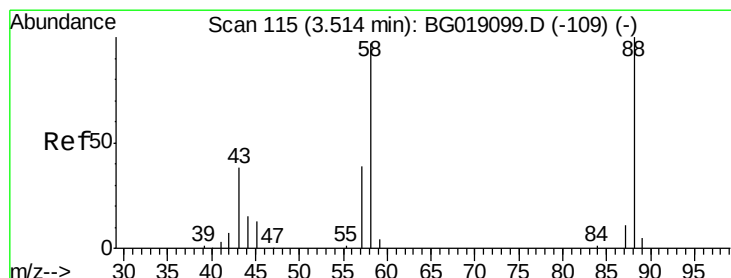
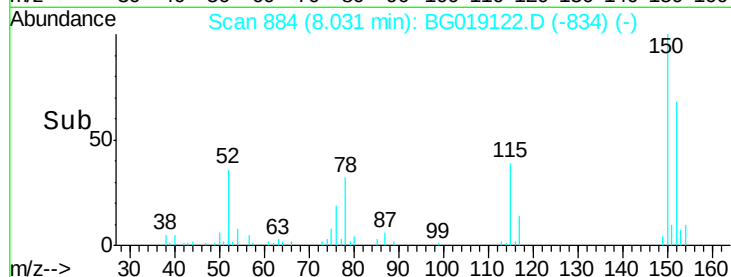
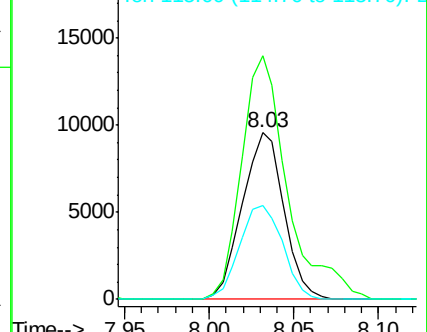
115 56.8 43.2 64.8



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: 31.05 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

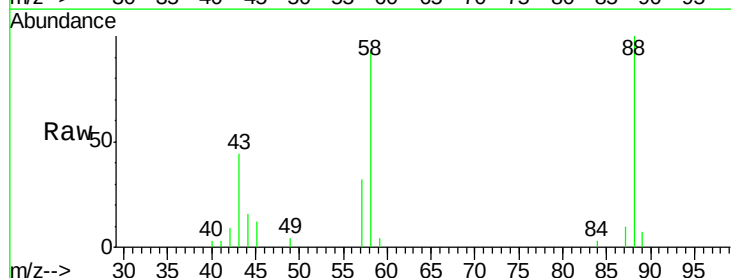
Tgt Ion: 88 Resp: 10494

Ion Ratio Lower Upper

88 100

58 109.7 81.1 121.7

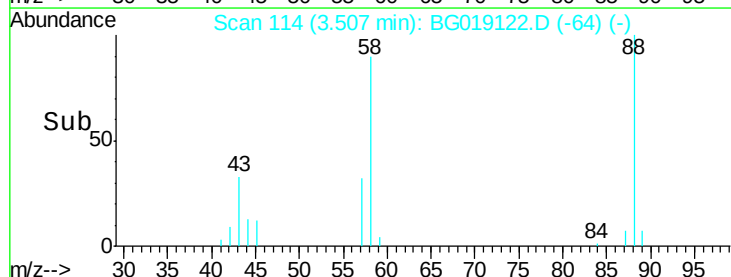
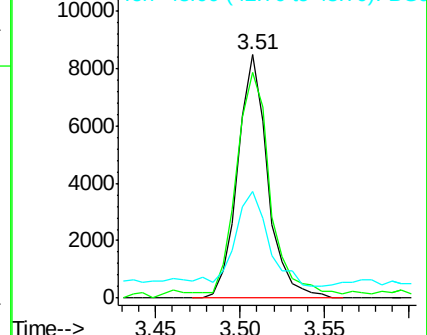
43 43.0 31.0 46.6

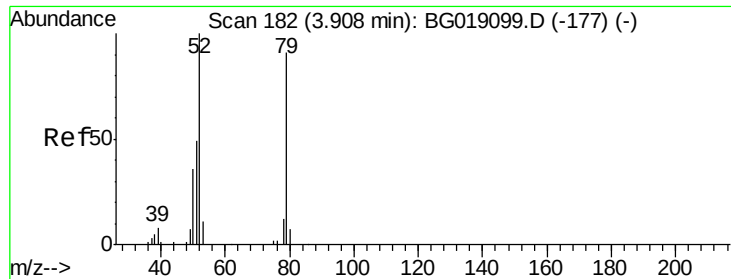


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.26 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

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ClientSampleId :

PB85991BS

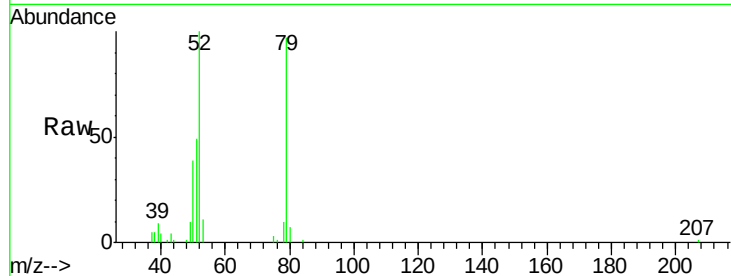
Tot Ion: 79 Resp: 25067

Ion Ratio Lower Upper

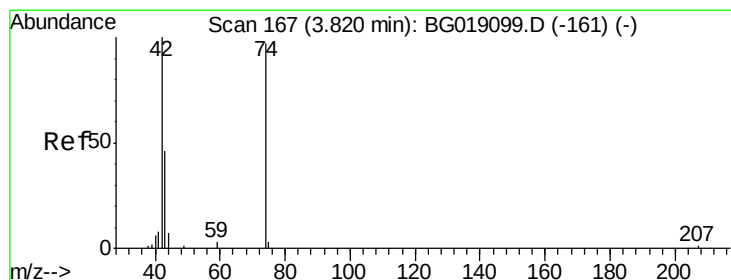
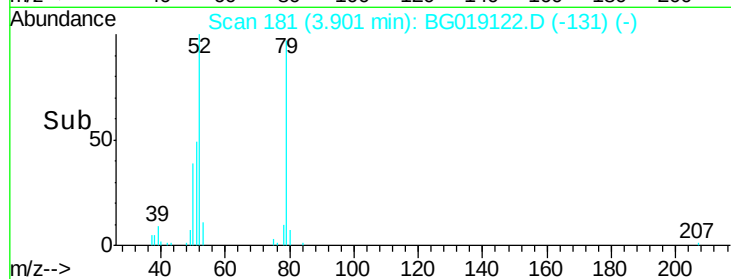
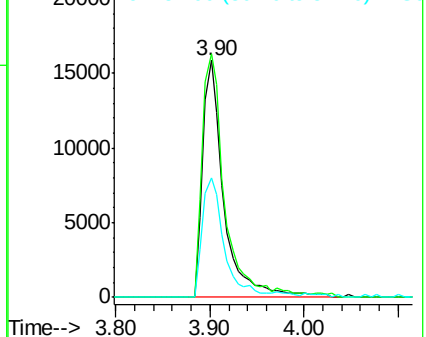
79 100

52 102.8 88.3 132.5

51 50.6 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: 27.36 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

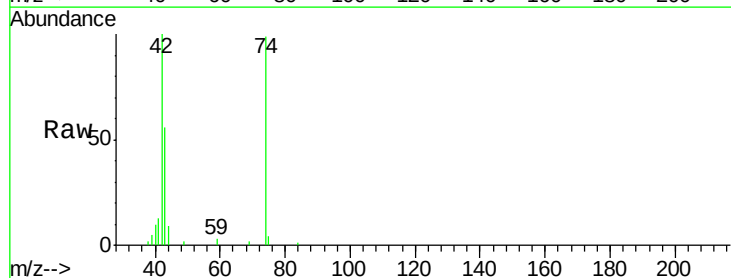
Tgt Ion: 42 Resp: 16029

Ion Ratio Lower Upper

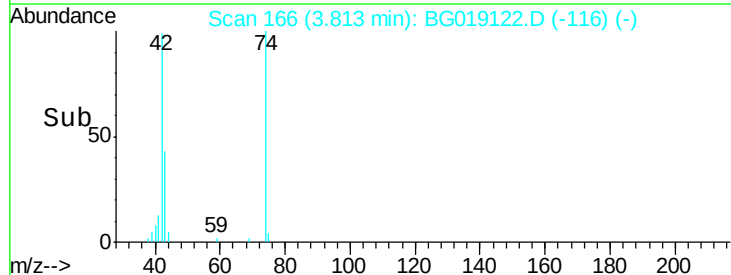
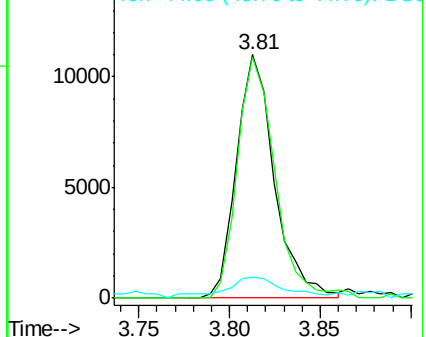
42 100

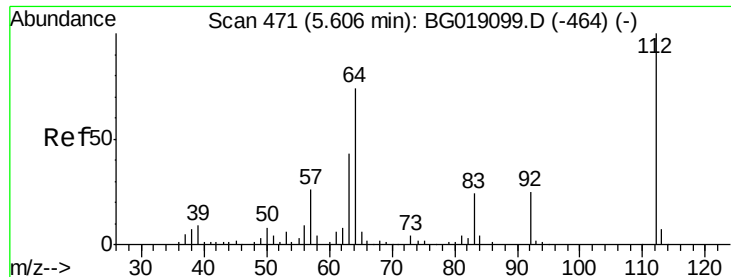
74 98.9 77.3 115.9

44 8.6 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: 120.08 ng

RT: 5.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

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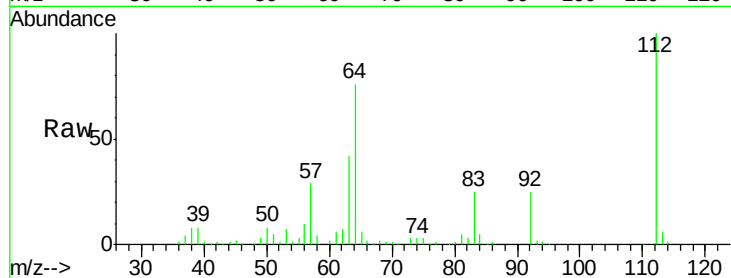
Tot Ion: 112 Resp: 96493

Ion Ratio Lower Upper

112 100

64 76.2 59.0 88.4

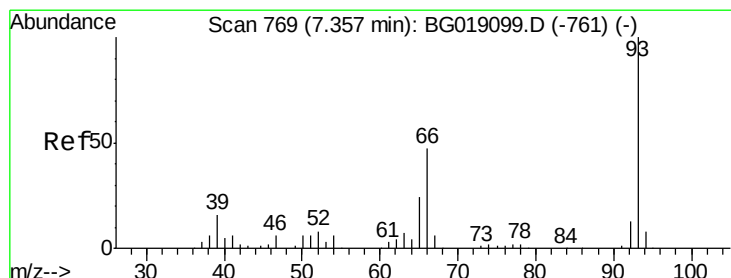
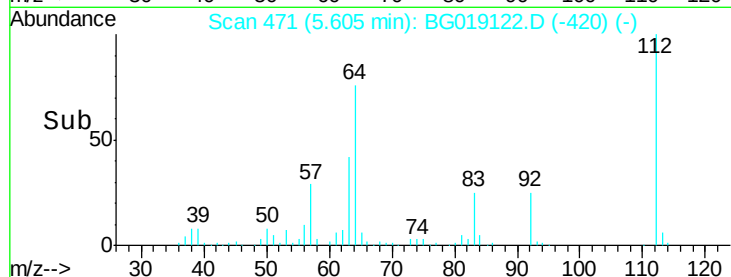
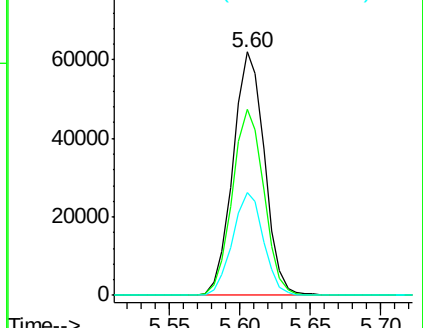
63 42.3 34.7 52.1



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: 16.89 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

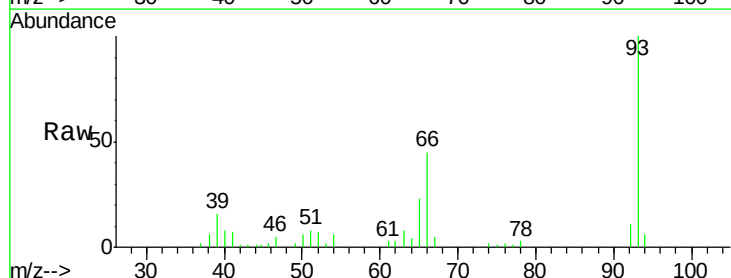
Tgt Ion: 93 Resp: 28235

Ion Ratio Lower Upper

93 100

66 44.5 37.4 56.2

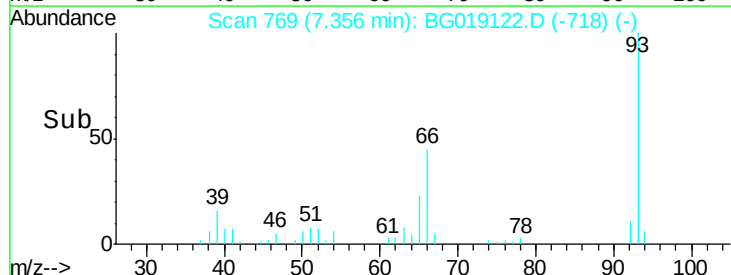
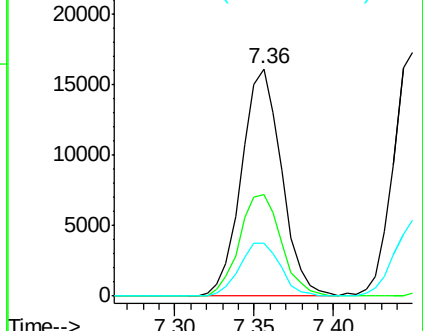
65 23.4 19.6 29.4

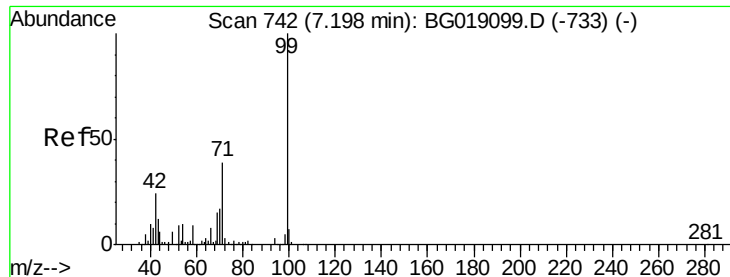


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.74 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

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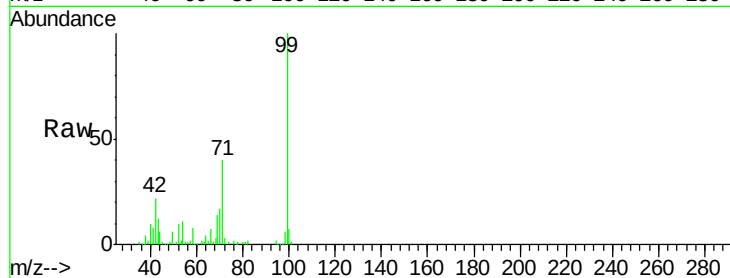
Tot Ion: 99 Resp: 145345

Ion Ratio Lower Upper

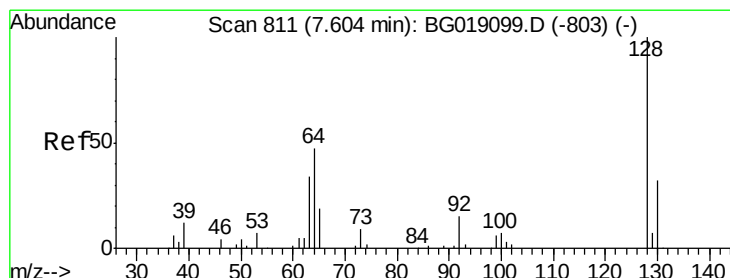
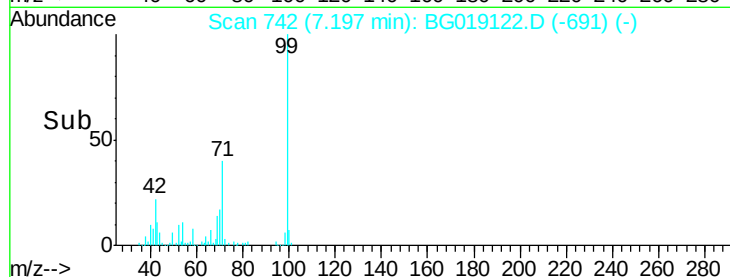
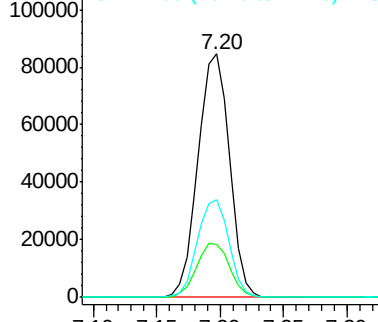
99 100

42 21.7 19.5 29.3

71 40.0 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: 31.34 ng

RT: 7.60 min Scan# 810

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

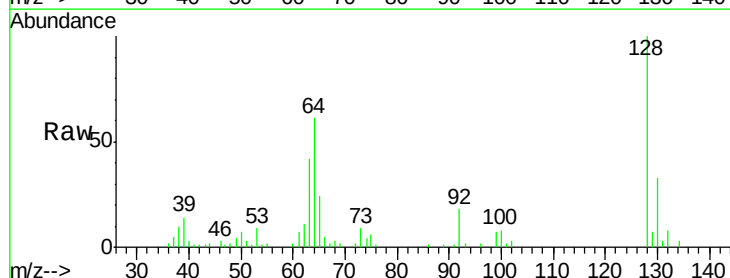
Tgt Ion: 128 Resp: 31603

Ion Ratio Lower Upper

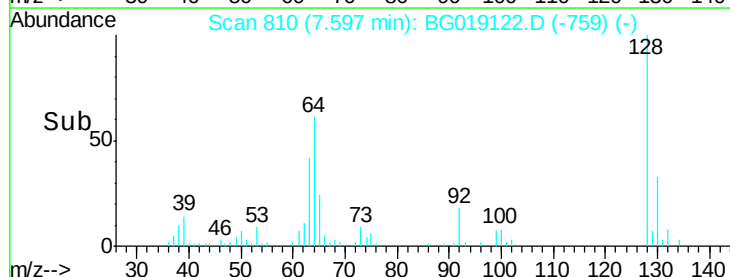
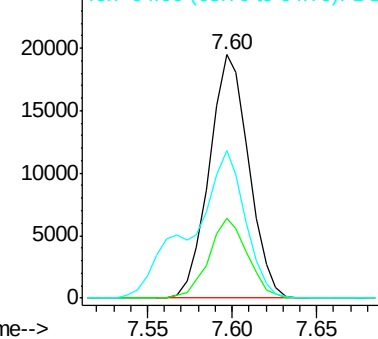
128 100

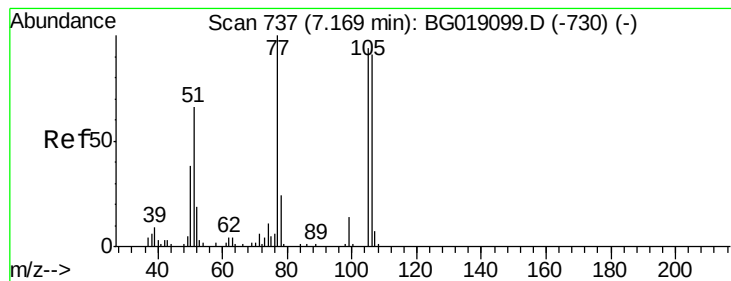
130 32.8 12.3 52.3

64 60.7 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: 3.37 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

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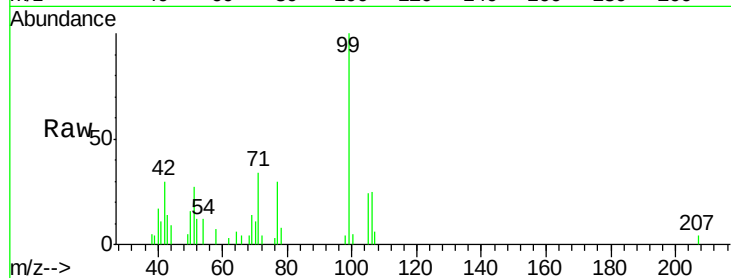
Tot Ion: 77 Resp: 2618

Ion Ratio Lower Upper

77 100

105 80.6 73.7 113.7

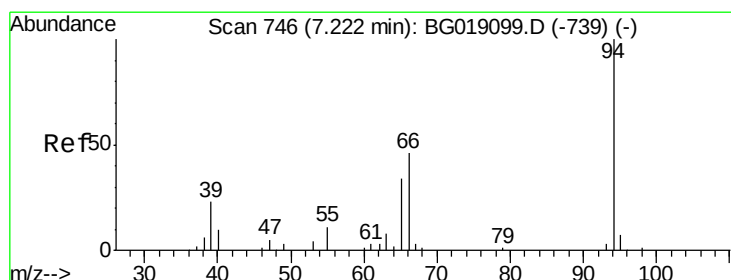
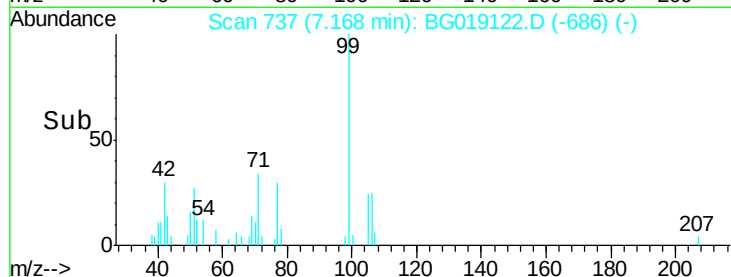
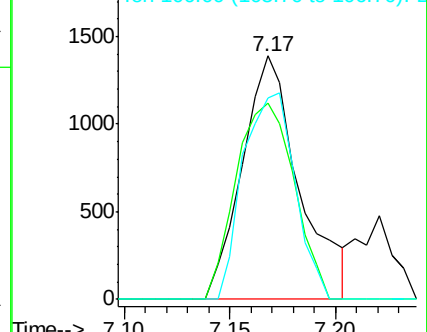
106 82.6 71.0 111.0



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: 31.66 ng

RT: 7.22 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

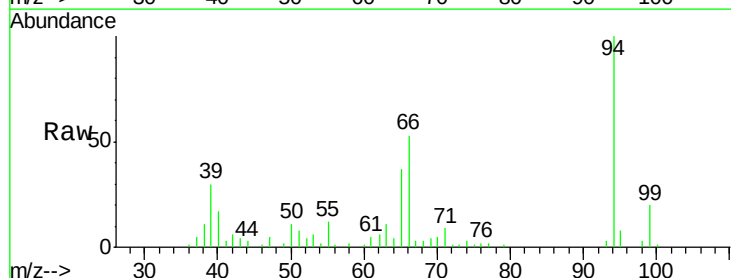
Tgt Ion: 94 Resp: 40703

Ion Ratio Lower Upper

94 100

65 37.3 15.2 55.2

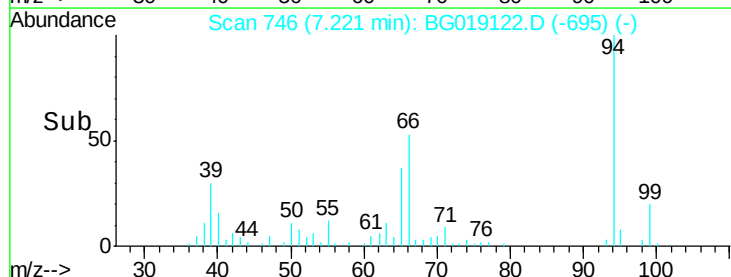
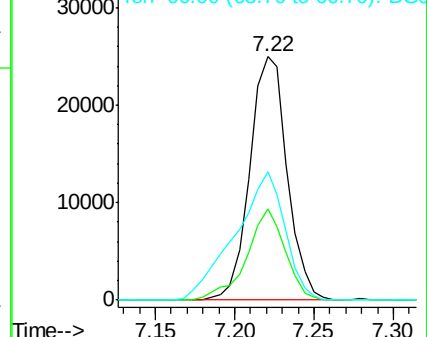
66 53.0 28.7 68.7

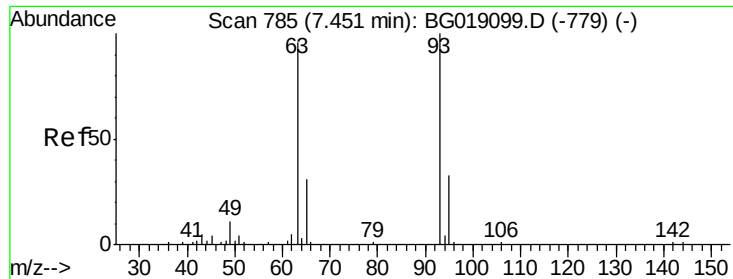


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 28.37 ng

RT: 7.45 min Scan# 785

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

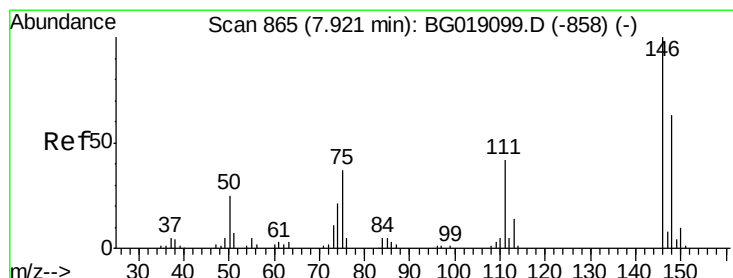
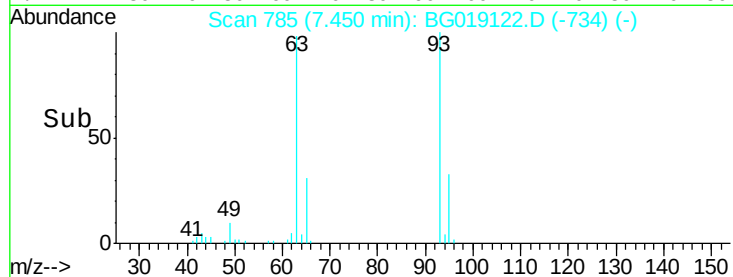
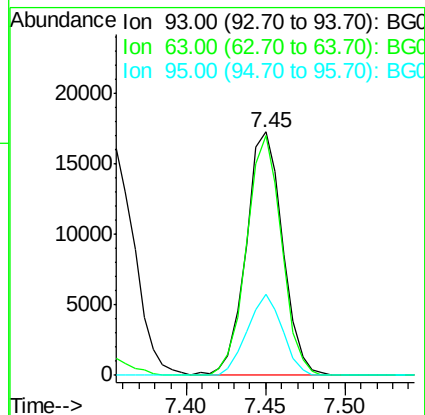
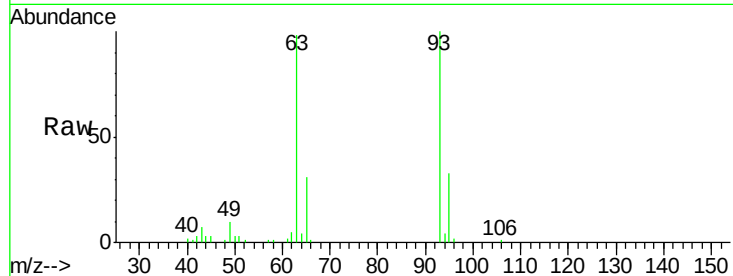
Tot Ion: 93 Resp: 27560

Ion Ratio Lower Upper

93 100

63 98.3 75.3 115.3

95 33.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 27.88 ng

RT: 7.92 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

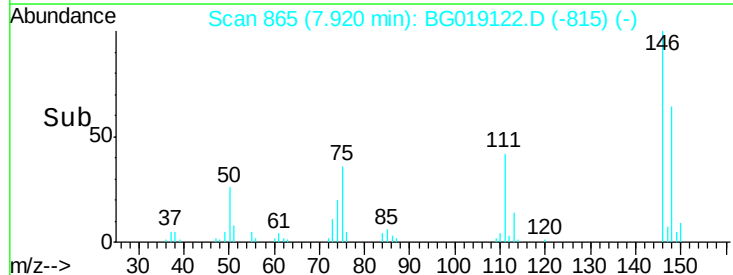
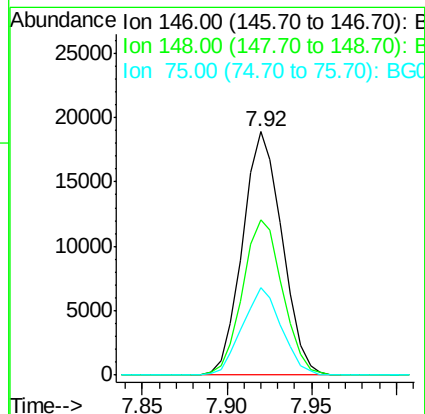
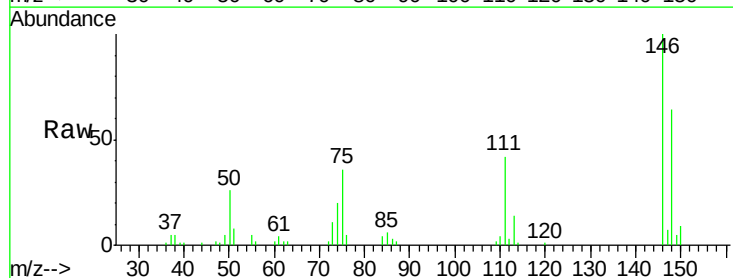
Tgt Ion: 146 Resp: 30692

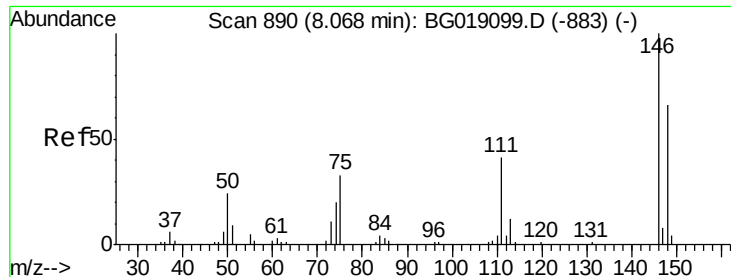
Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.4

75 36.0 29.3 43.9

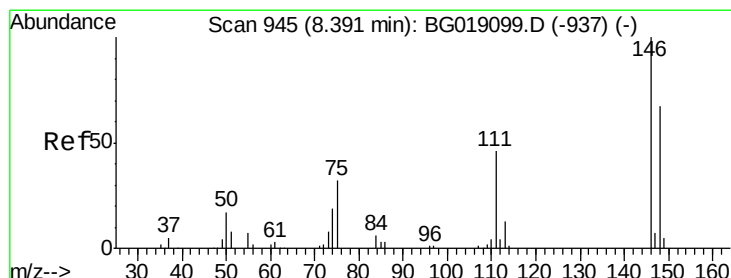
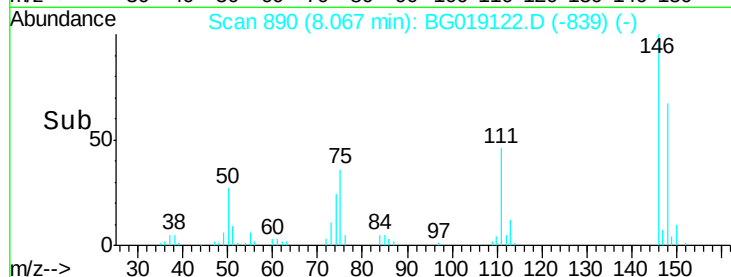
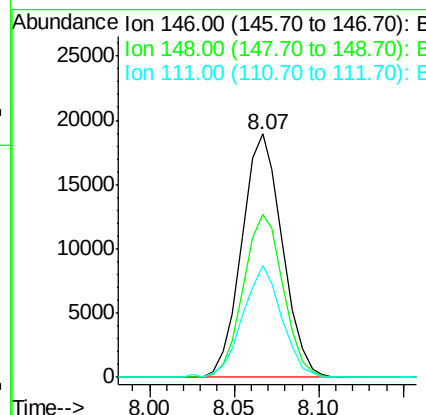
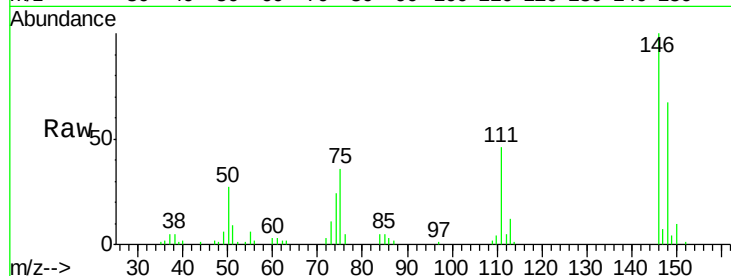




#13
 1,4-Dichlorobenzene
 Concen: 27.96 ng
 RT: 8.07 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

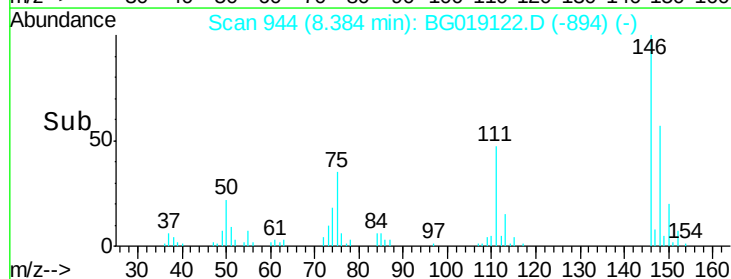
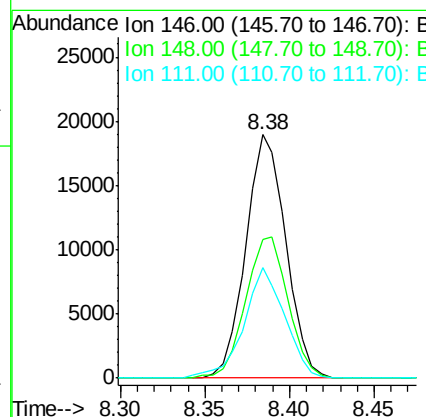
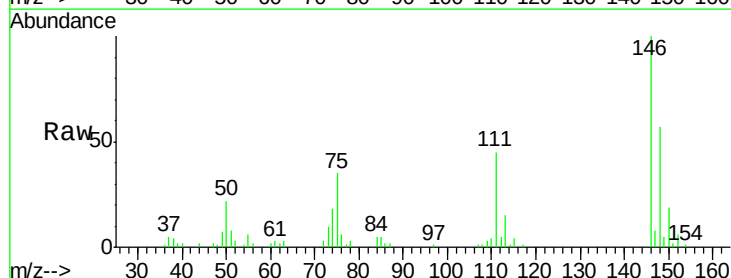
Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

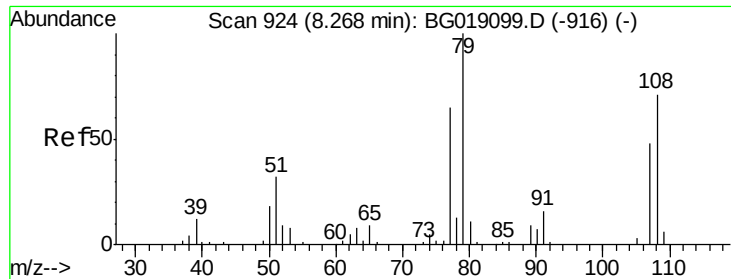
Tot Ion:146 Resp: 31494
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.9 79.3
 111 45.8 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 28.66 ng
 RT: 8.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion:146 Resp: 31243
 Ion Ratio Lower Upper
 146 100
 148 57.1 53.6 80.4
 111 45.5 37.3 55.9





#15

Benzyl Alcohol

Concen: 28.43 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

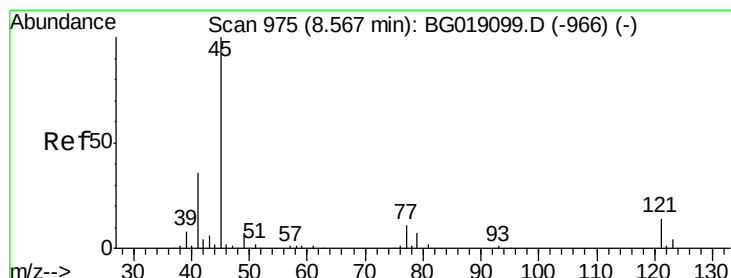
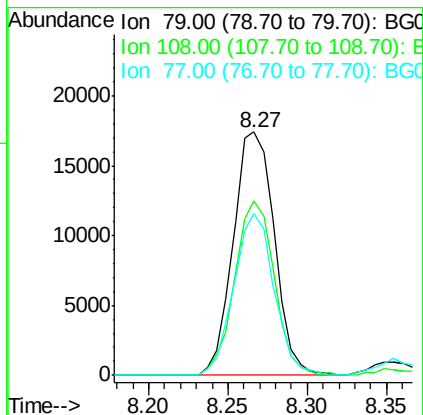
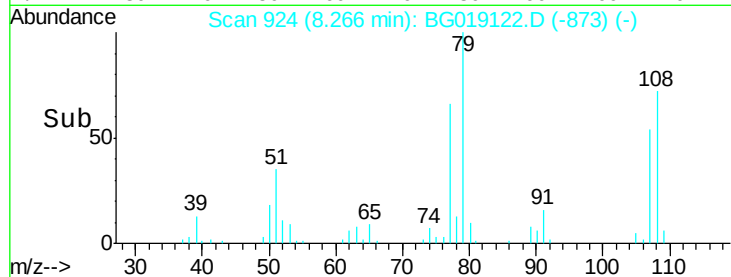
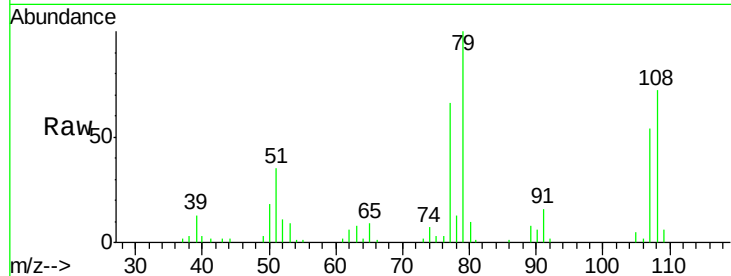
Tot Ion: 79 Resp: 31358

Ion Ratio Lower Upper

79 100

108 71.8 56.6 84.8

77 66.2 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.46 ng

RT: 8.57 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

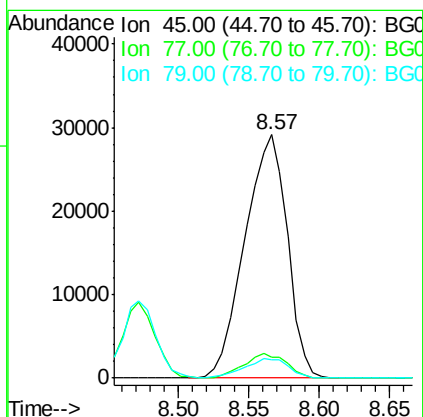
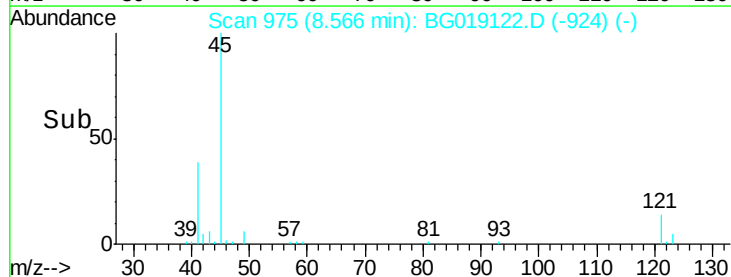
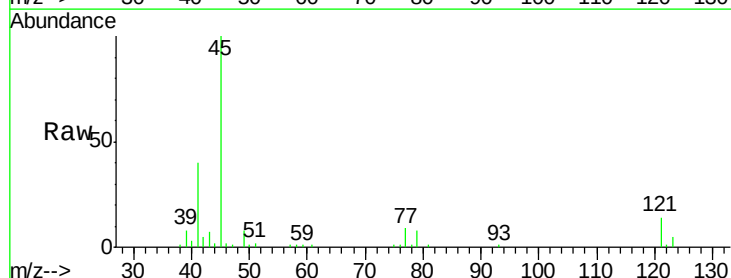
Tgt Ion: 45 Resp: 61288

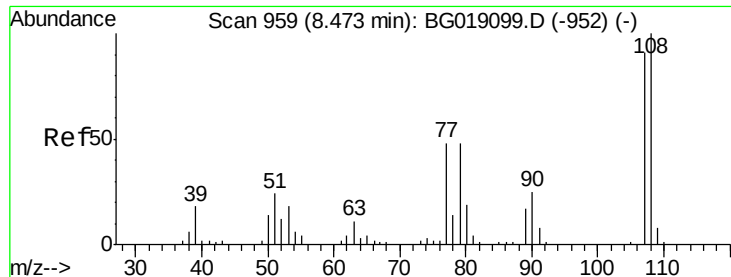
Ion Ratio Lower Upper

45 100

77 8.8 0.0 30.8

79 7.7 0.0 27.5

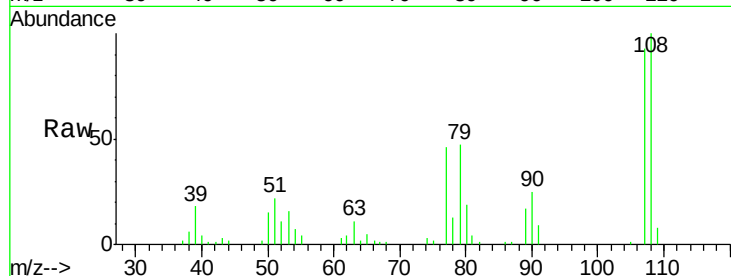




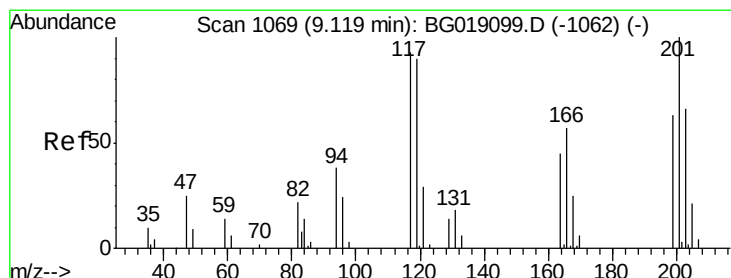
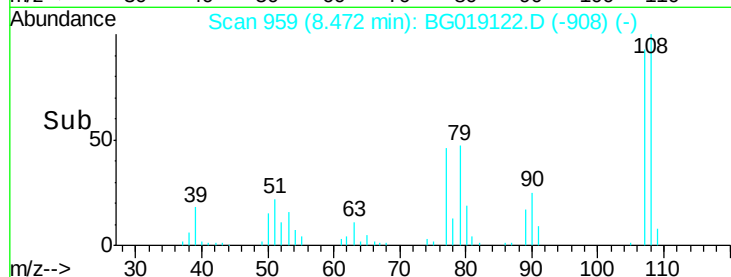
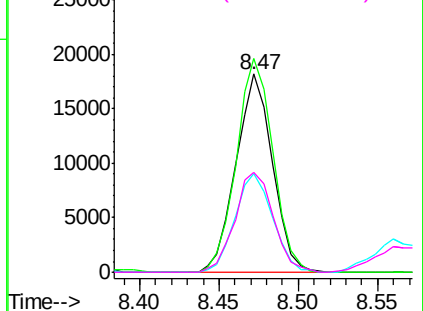
#17
2-Methylphenol
Concen: 31.63 ng
RT: 8.47 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion:	107	Resp:	29036
Ion	Ratio	Lower	Upper
107	100		
108	107.9	87.7	131.5
77	50.1	42.2	63.2
79	50.6	42.1	63.1

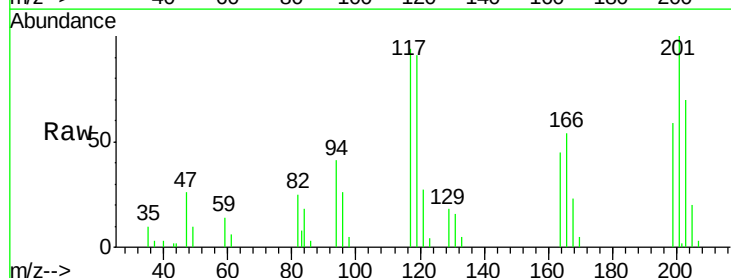


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

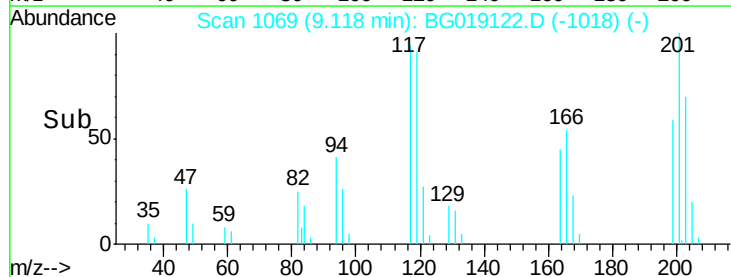
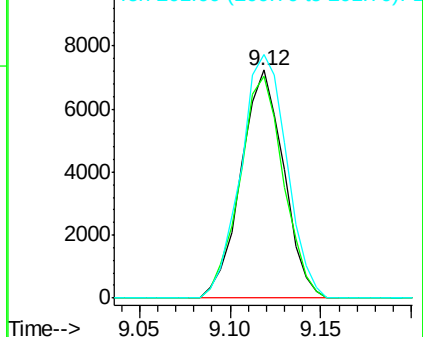


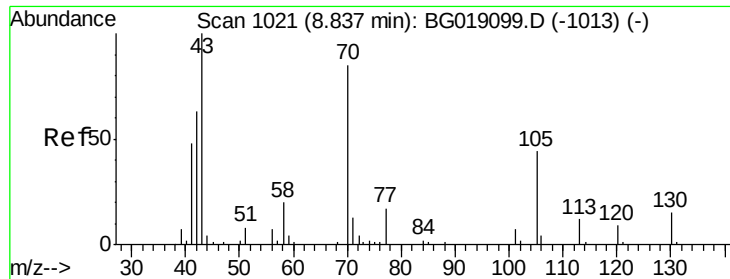
#18
Hexachloroethane
Concen: 27.57 ng
RT: 9.12 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:	117	Resp:	11834
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.0	115.4
201	106.7	85.6	128.4



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

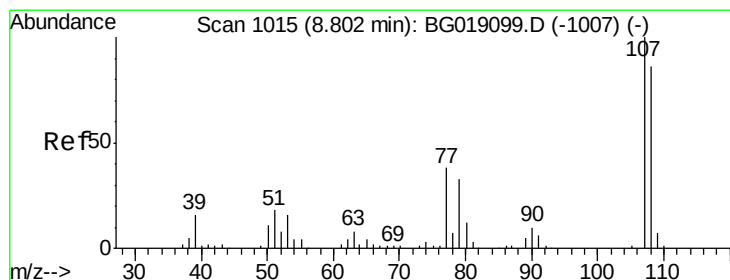
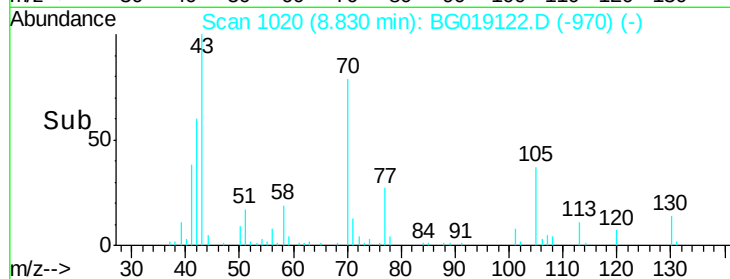
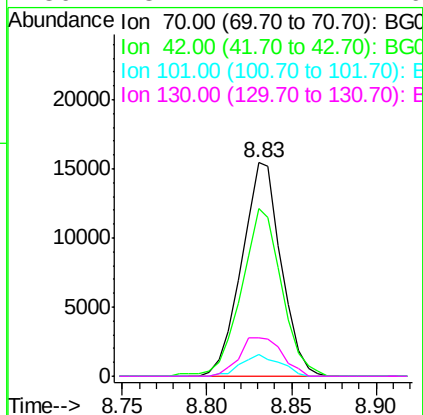
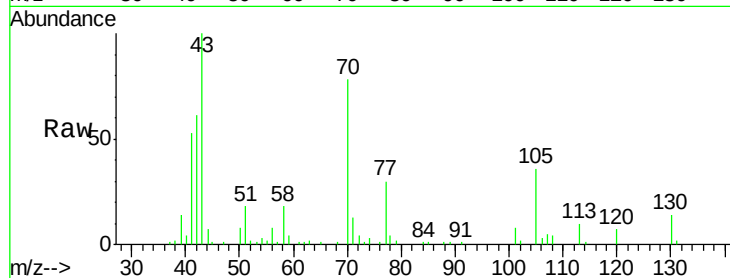




#19
n-Nitroso-di-n-propylamine
Concen: 25.45 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

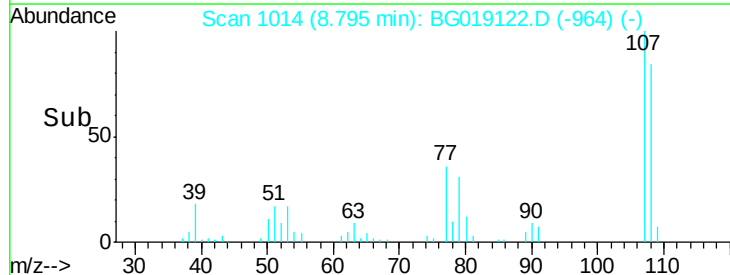
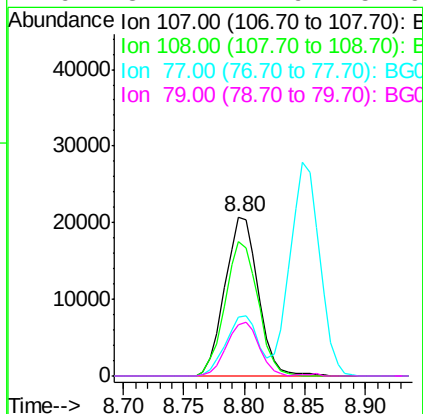
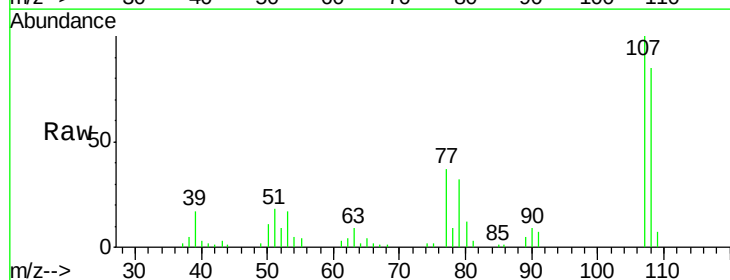
Instrument :
BNA_G
ClientSampleId :
PB85991BS

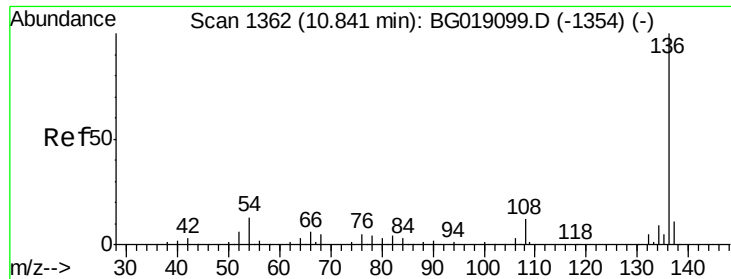
Tot Ion: 70 Resp: 24929
Ion Ratio Lower Upper
70 100
42 78.3 59.8 89.8
101 10.3 7.0 10.4
130 18.1 14.4 21.6



#20
3+4-Methylphenols
Concen: 30.07 ng
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion: 107 Resp: 39763
Ion Ratio Lower Upper
107 100
108 85.0 66.2 106.2
77 36.8 17.8 57.8
79 32.1 12.9 52.9

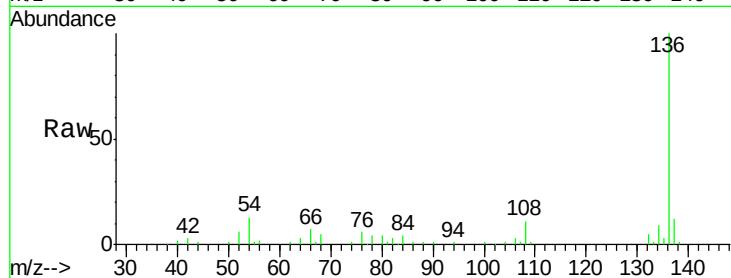




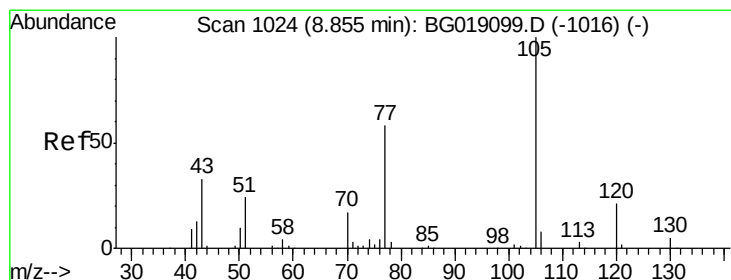
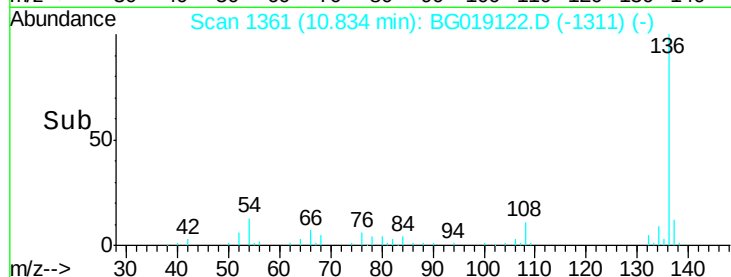
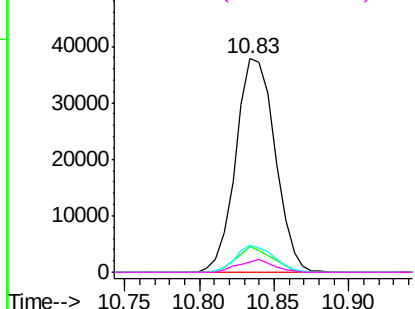
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion:136	Resp:	69050
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.0 13.4
54	12.6	10.1 15.1
68	4.6	4.4 6.6

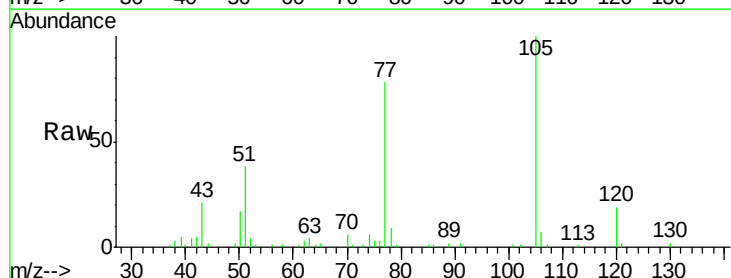


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

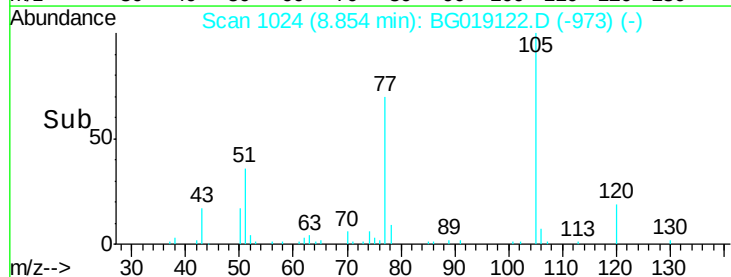
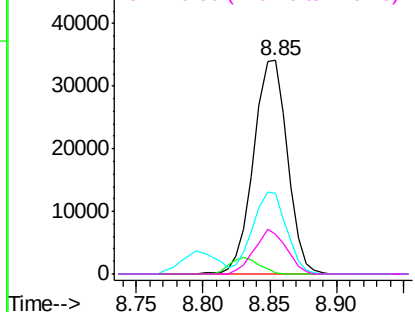


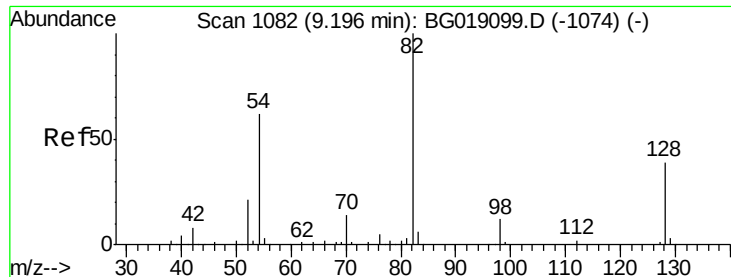
#22
Acetophenone
Concen: 37.12 ng
RT: 8.85 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:105	Resp:	59930
Ion Ratio	Lower	Upper
105	100	
71	0.7	2.2 3.2#
51	37.6	29.2 43.8
120	18.8	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

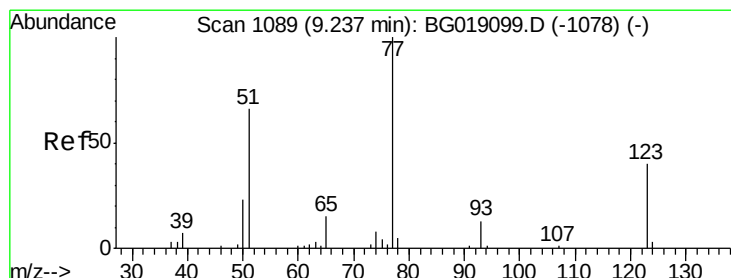
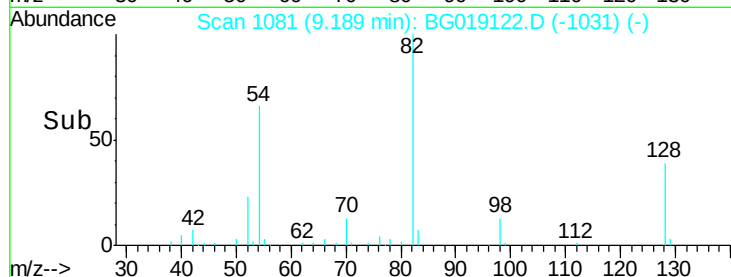
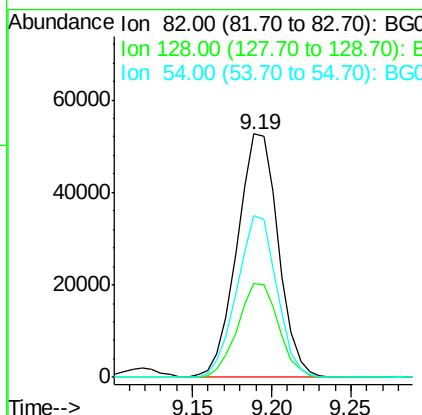
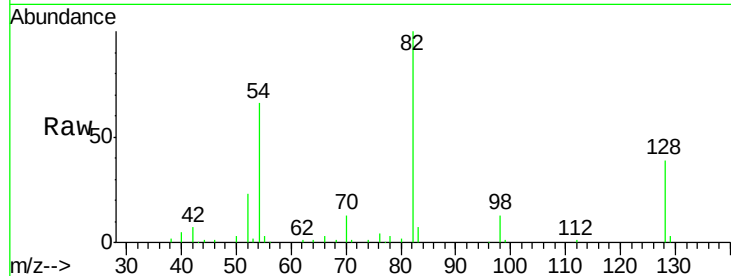




#23
 Nitrobenzene-d5
 Concen: 76.00 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

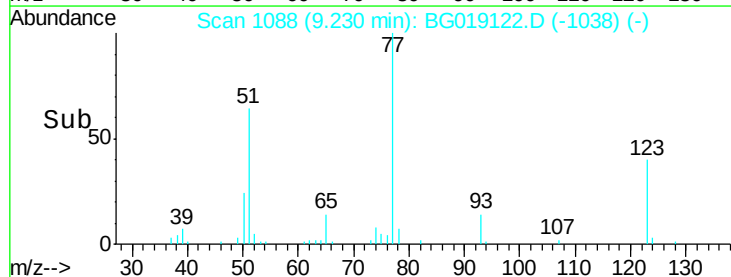
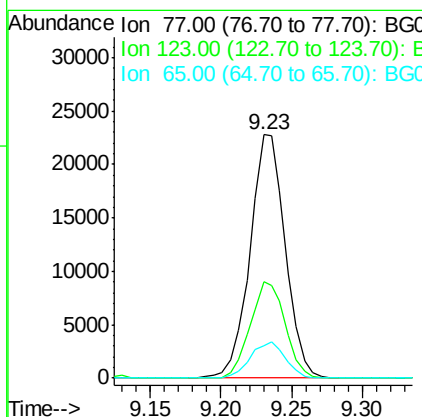
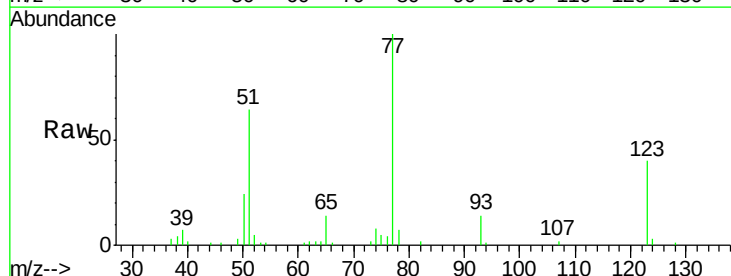
Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

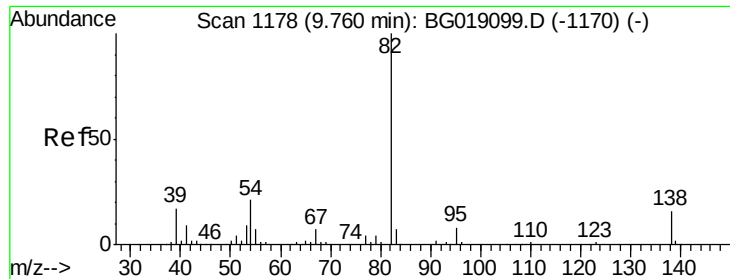
Tot Ion	82	Resp	94981
Ion Ratio	100		
Lower	31.4		
Upper	47.2		
54	66.2	50.0	75.0



#24
 Nitrobenzene
 Concen: 30.03 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion	77	Resp	39818
Ion Ratio	100		
Lower	31.8		
Upper	47.6		
123	39.9	11.8	17.6
65	13.5		





#25

Isophorone

Concen: 27.90 ng

RT: 9.75 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

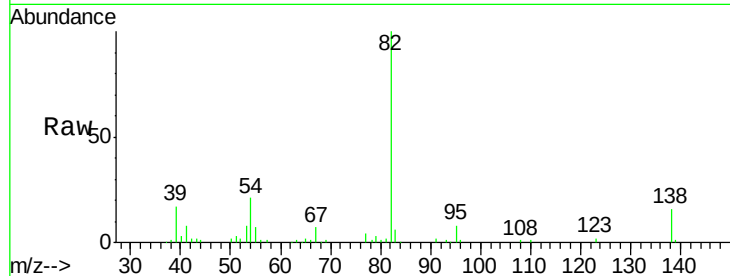
Tot Ion: 82 Resp: 70920

Ion Ratio Lower Upper

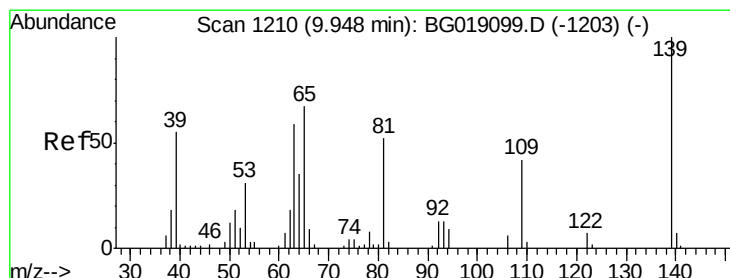
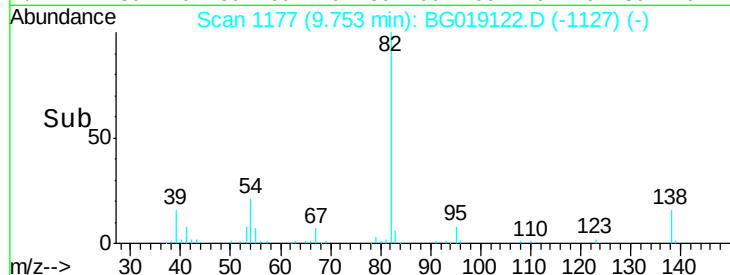
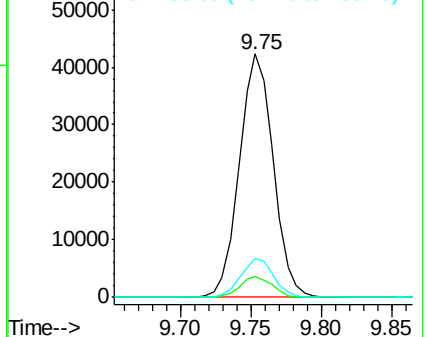
82 100

95 8.4 6.7 10.1

138 16.0 12.6 19.0



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



#26

2-Nitrophenol

Concen: 27.44 ng

RT: 9.95 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

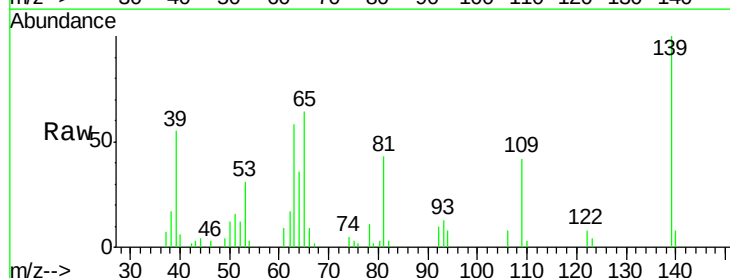
Tgt Ion: 139 Resp: 15513

Ion Ratio Lower Upper

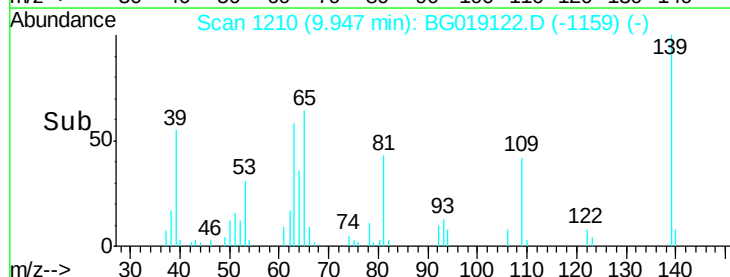
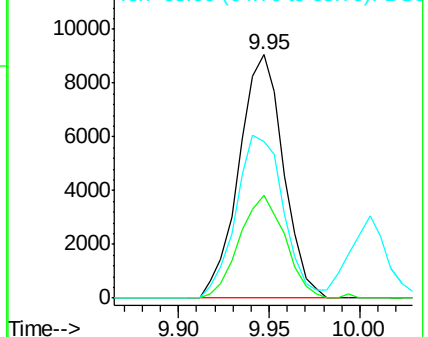
139 100

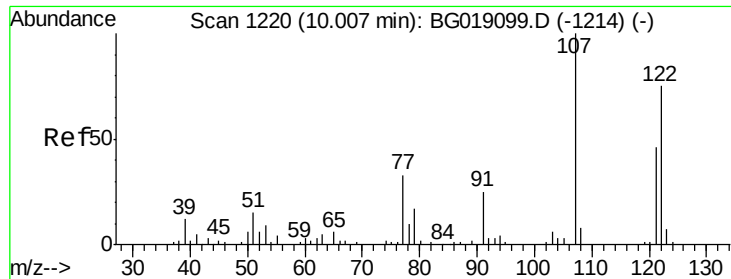
109 42.2 33.3 49.9

65 64.2 53.6 80.4



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

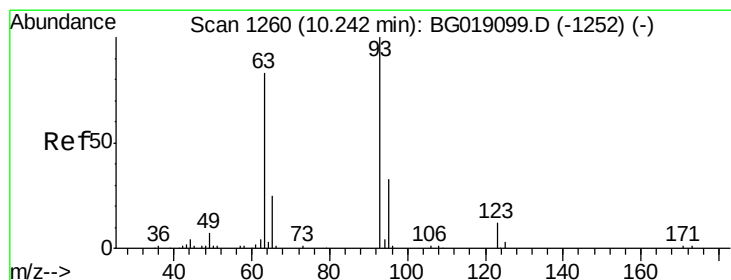
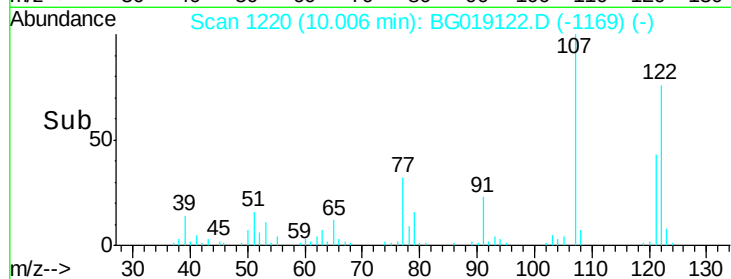
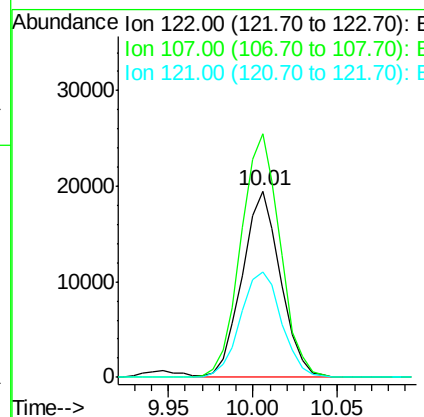
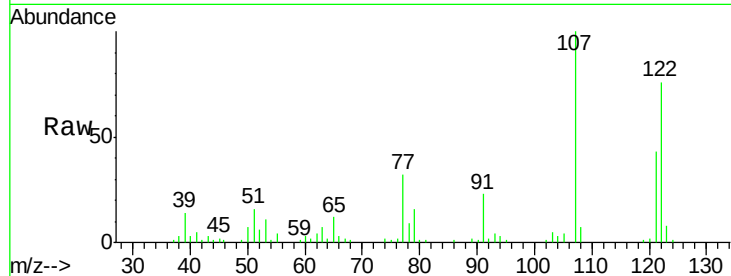




#27
 2,4-Dimethylphenol
 Concen: 31.22 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

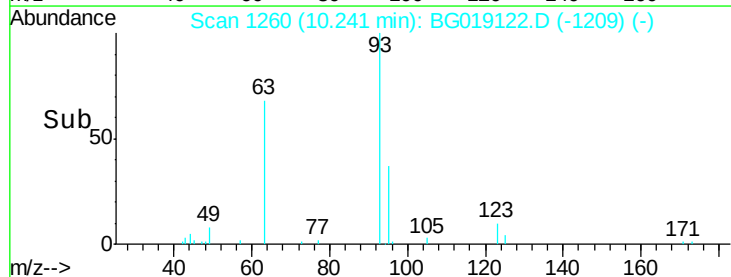
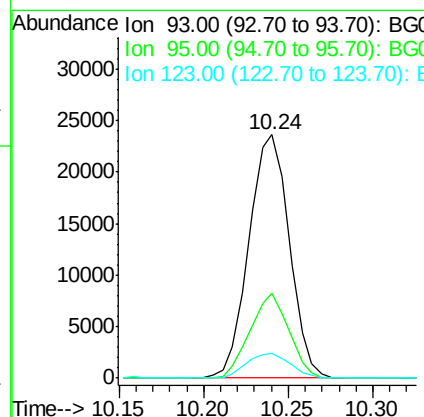
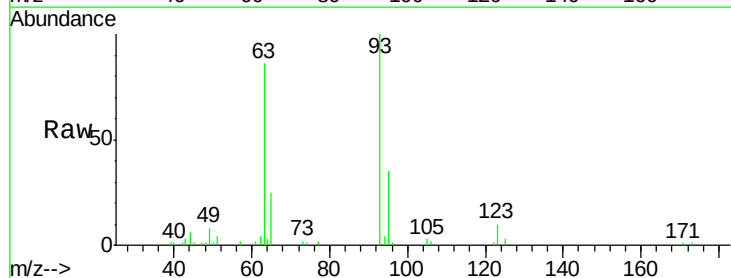
Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

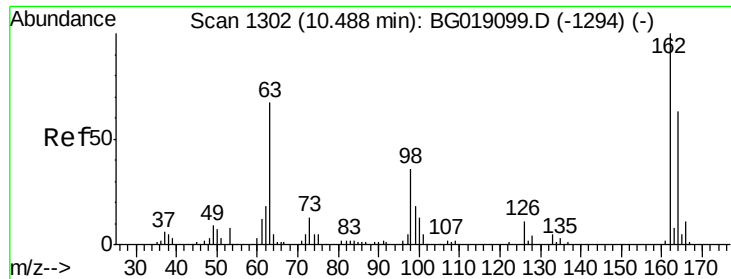
Tot Ion:122 Resp: 30838
 Ion Ratio Lower Upper
 122 100
 107 130.9 105.1 157.7
 121 56.5 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.96 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion: 93 Resp: 39287
 Ion Ratio Lower Upper
 93 100
 95 34.7 26.5 39.7
 123 10.2 9.4 14.2

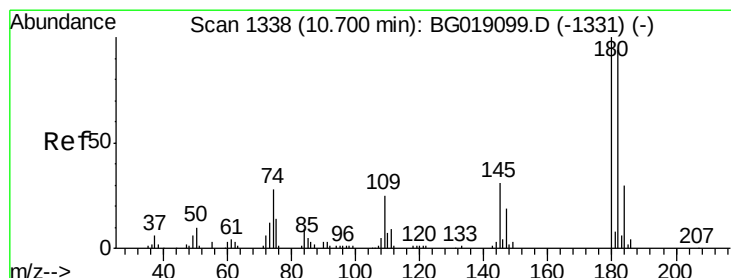
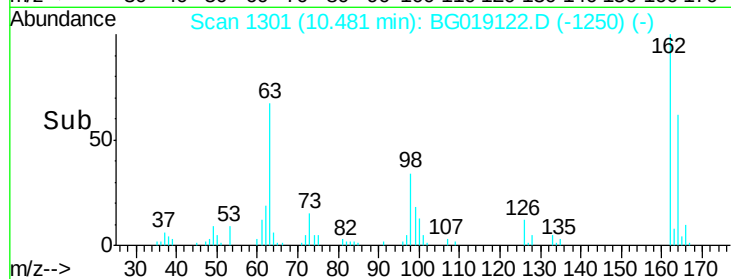
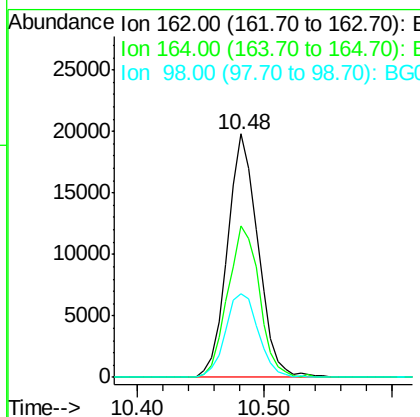
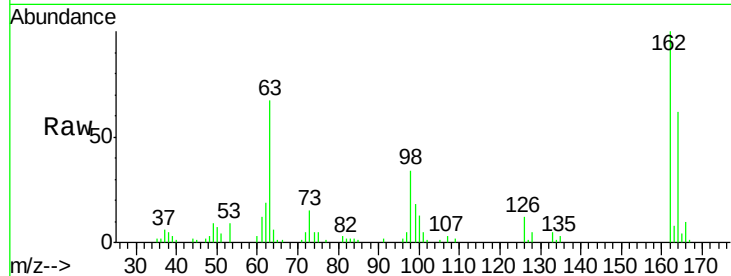




#29
2,4-Dichlorophenol
Concen: 31.87 ng
RT: 10.48 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

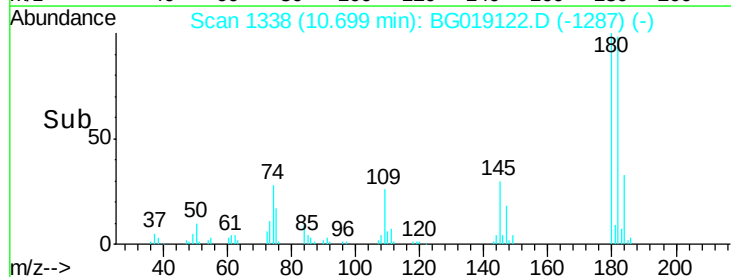
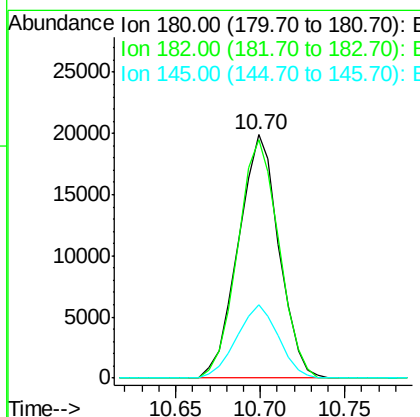
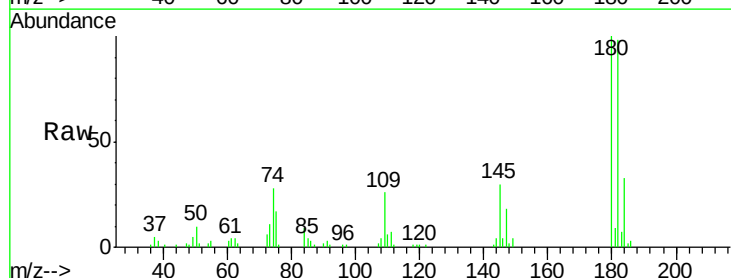
Instrument :
BNA_G
ClientSampleId :
PB85991BS

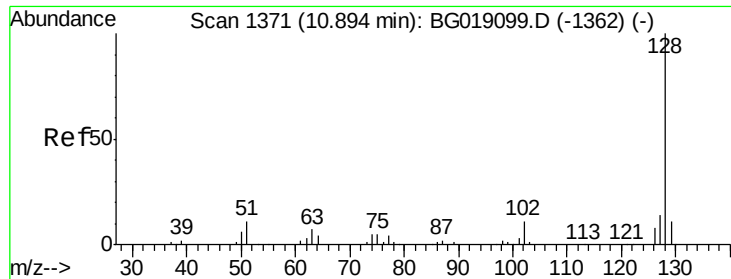
Tot Ion:162 Resp: 33011
Ion Ratio Lower Upper
162 100
164 62.3 42.8 82.8
98 34.4 16.1 56.1



#30
1,2,4-Trichlorobenzene
Concen: 29.91 ng
RT: 10.70 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:180 Resp: 33245
Ion Ratio Lower Upper
180 100
182 97.7 75.3 112.9
145 30.1 24.9 37.3

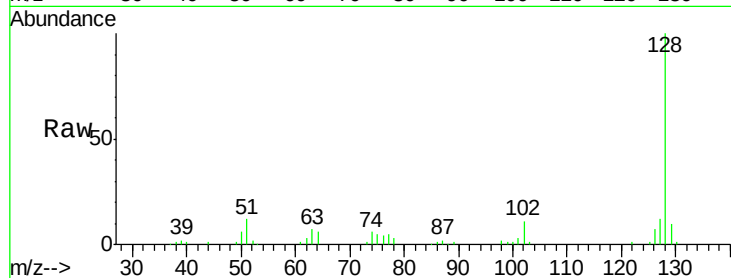




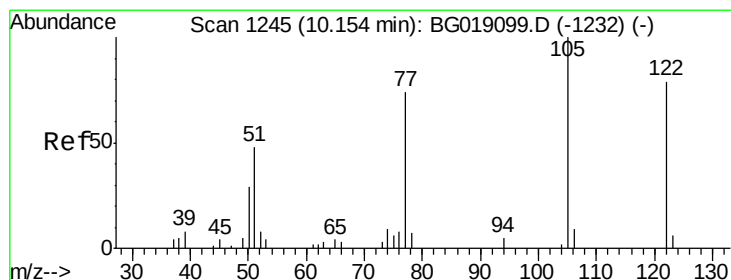
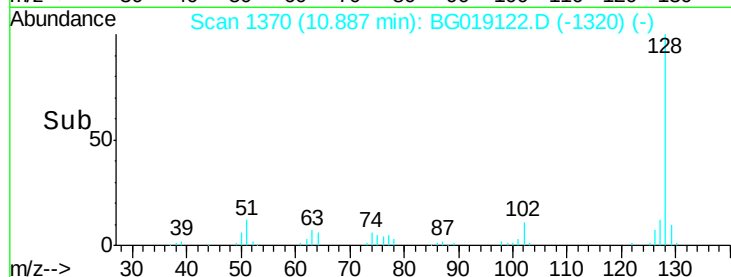
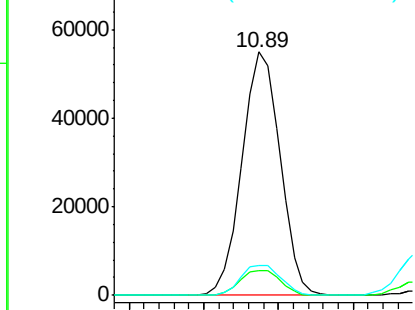
#31
Naphthalene
Concen: 29.24 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion:128 Resp: 97163
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.5 11.4 17.0

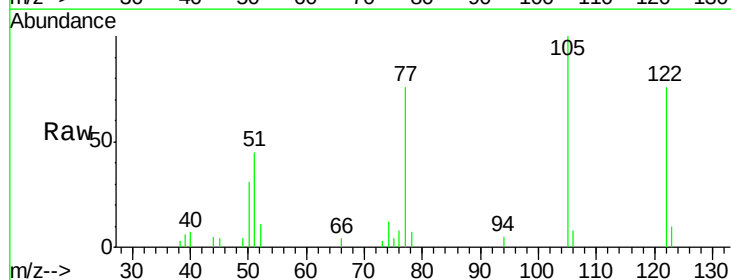


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

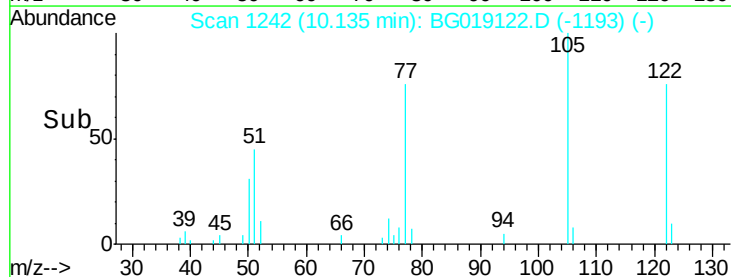
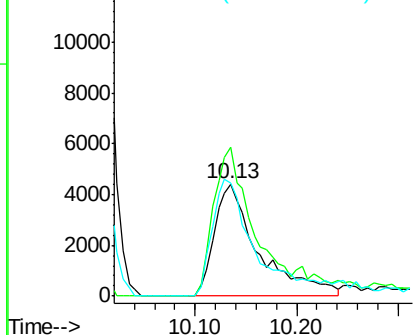


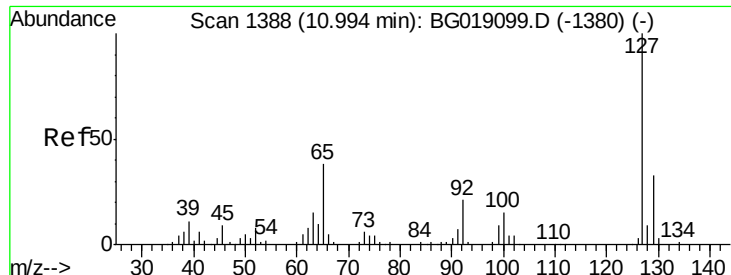
#32
Benzoic acid
Concen: 26.03 ng
RT: 10.13 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:122 Resp: 13361
Ion Ratio Lower Upper
122 100
105 132.2 107.0 147.0
77 100.4 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

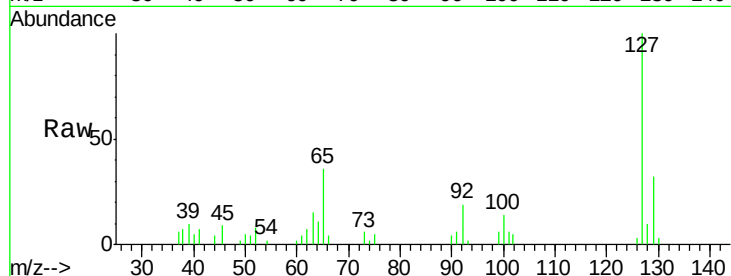




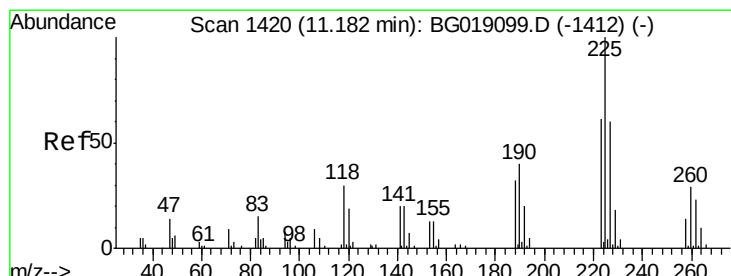
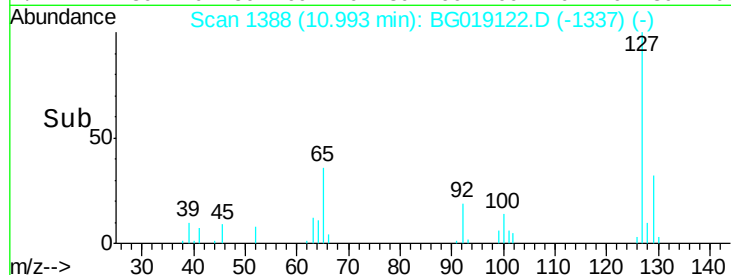
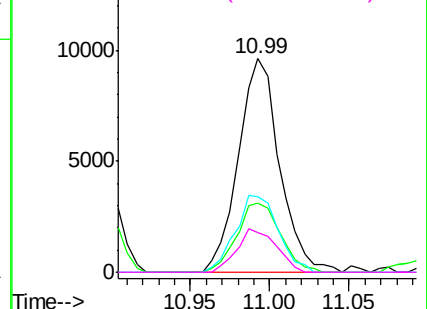
#33
4-Chloroaniline
Concen: 11.22 ng
RT: 10.99 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Instrument :
BNA_G
ClientSampled :
PB85991BS

Tot Ion:127	Resp:	17332
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.2 39.2
65	35.6	30.4 45.6
92	18.8	16.9 25.3

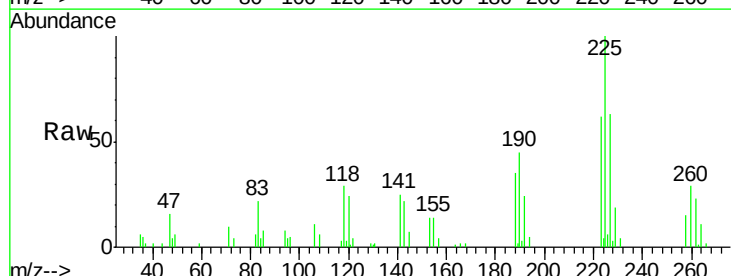


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

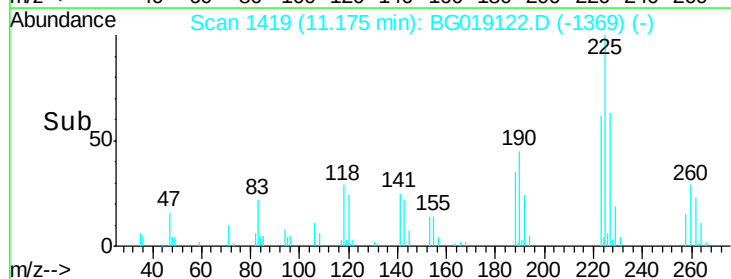
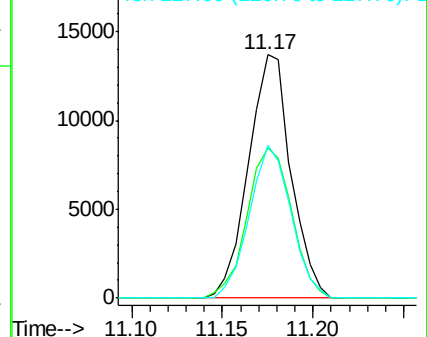


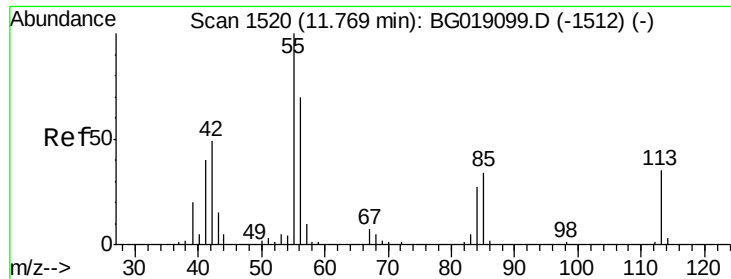
#34
Hexachlorobutadiene
Concen: 29.30 ng
RT: 11.17 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:225	Resp:	22330
Ion Ratio	Lower	Upper
225	100	
223	61.5	48.6 72.8
227	65.5	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

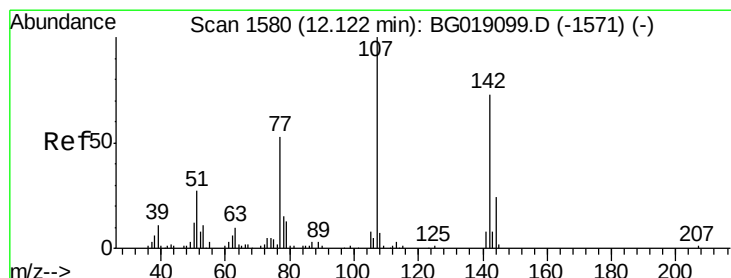
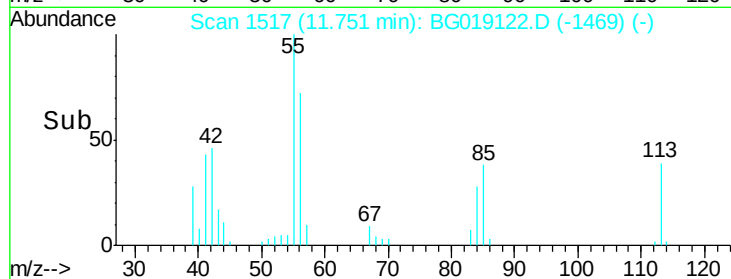
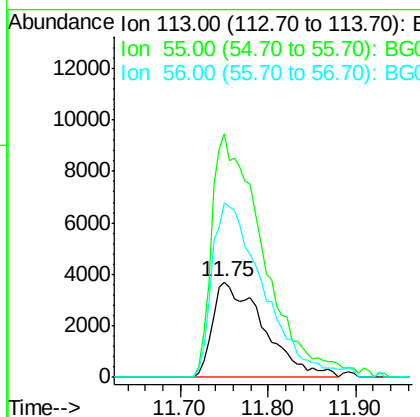
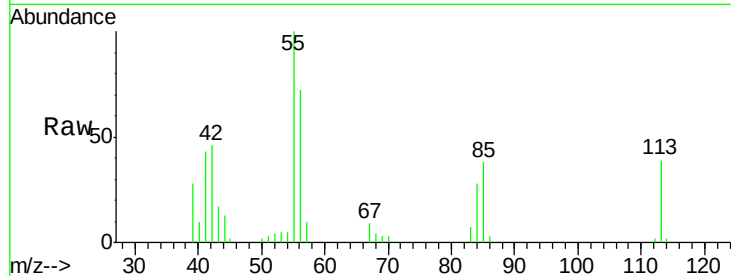




#35
 Caprolactam
 Concen: 38.84 ng
 RT: 11.75 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

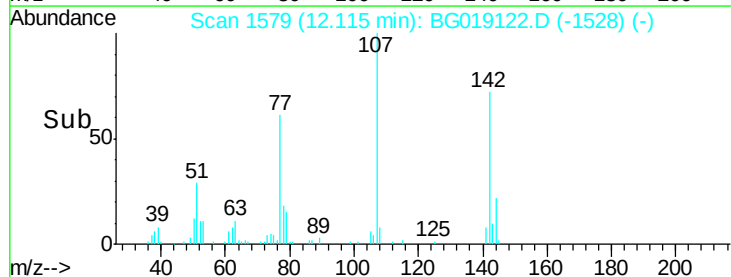
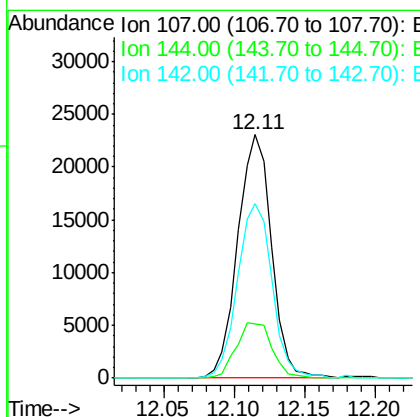
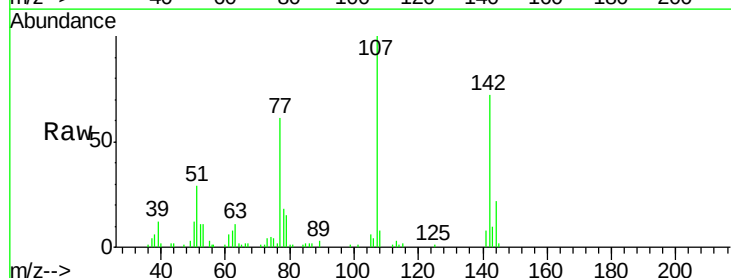
Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

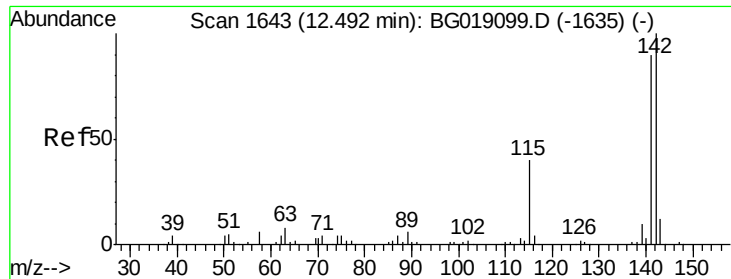
Tot Ion:113 Resp: 14815
 Ion Ratio Lower Upper
 113 100
 55 255.4 263.4 303.4#
 56 183.2 179.0 219.0



#36
 4-Chloro-3-methylphenol
 Concen: 29.40 ng
 RT: 12.11 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion:107 Resp: 38697
 Ion Ratio Lower Upper
 107 100
 144 22.4 19.0 28.6
 142 71.5 58.5 87.7

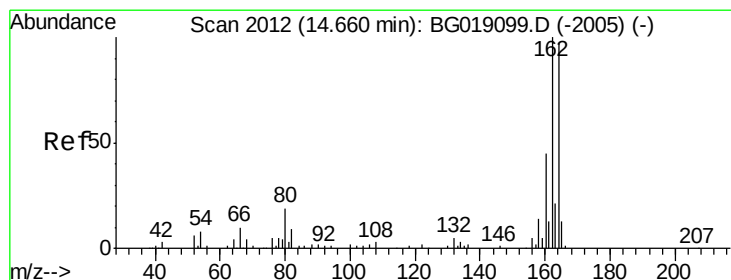
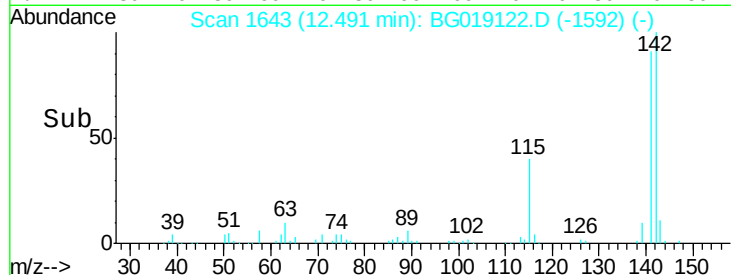
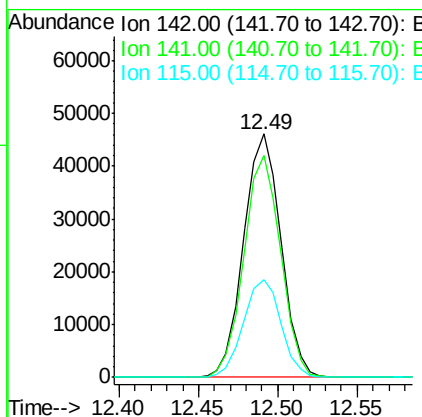
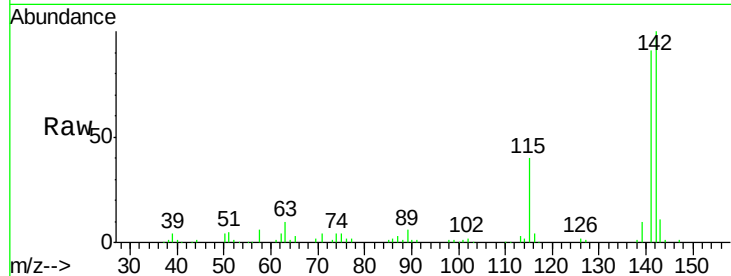




#37
2-Methylnaphthalene
Concen: 29.20 ng
RT: 12.49 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

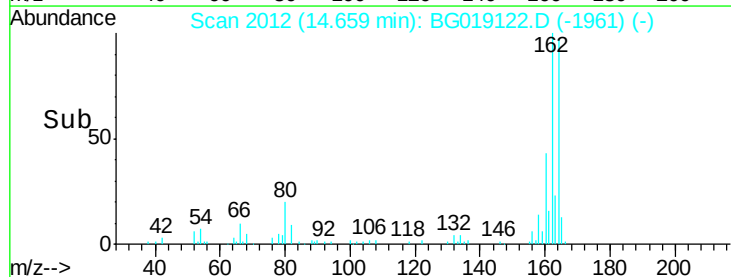
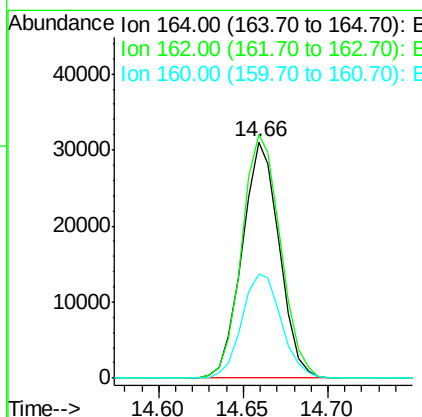
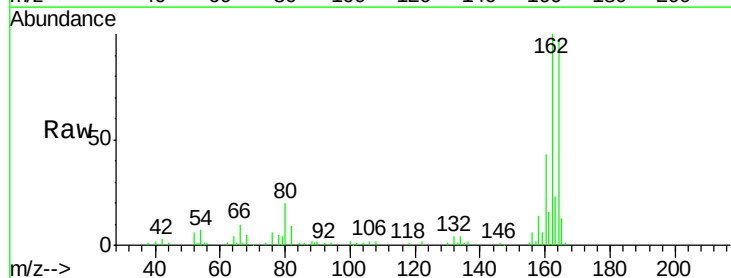
Instrument :
BNA_G
ClientSampleId :
PB85991BS

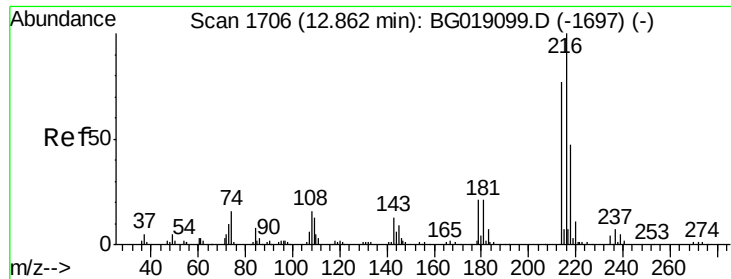
Tot Ion:142 Resp: 75402
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1
115 39.9 31.8 47.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:164 Resp: 47251
Ion Ratio Lower Upper
164 100
162 103.0 82.6 124.0
160 43.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.70 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

Tot Ion:216 Resp: 49832

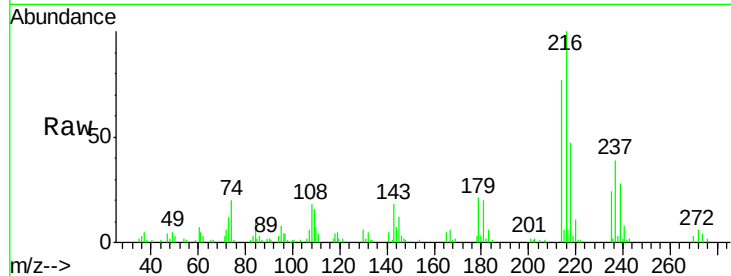
Ion Ratio Lower Upper

216 100

214 78.8 64.0 96.0

179 21.6 16.9 25.3

108 20.5 14.7 22.1

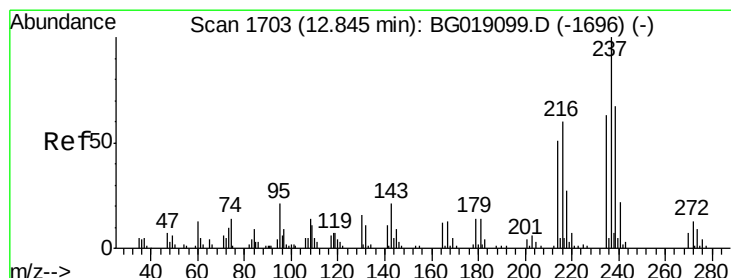
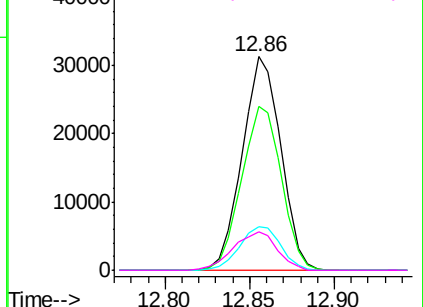
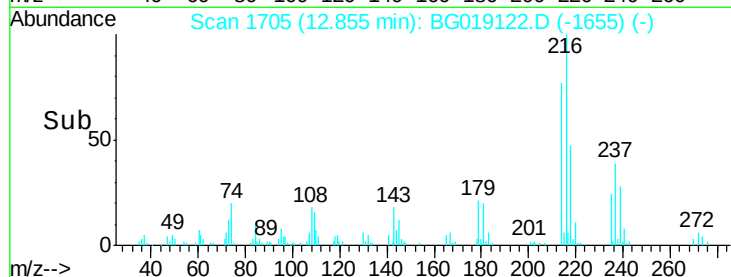


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.31 ng

RT: 12.84 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

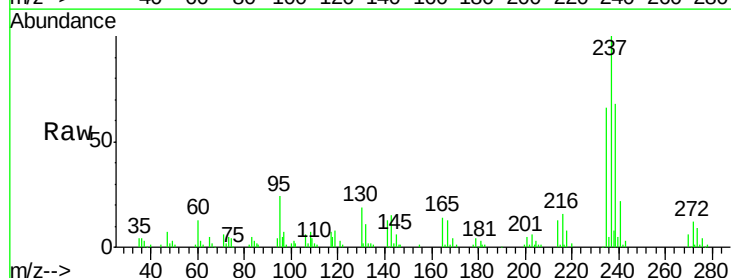
Tgt Ion:237 Resp: 56023

Ion Ratio Lower Upper

237 100

235 65.6 43.2 83.2

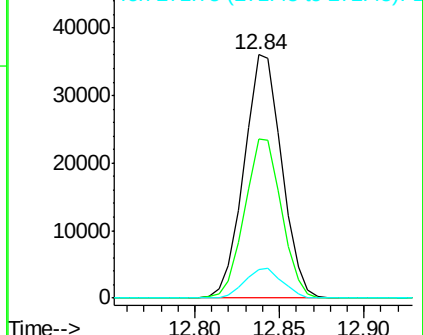
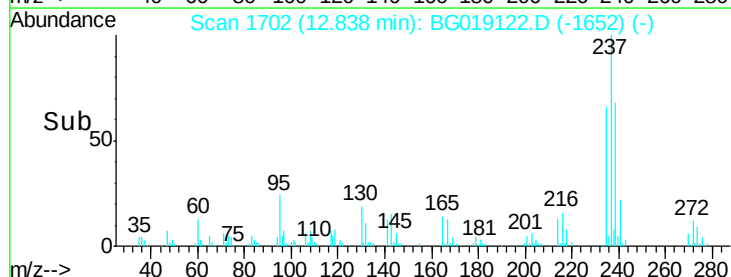
272 11.6 0.0 33.2

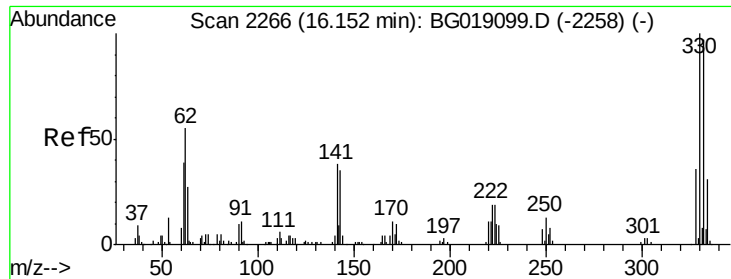


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

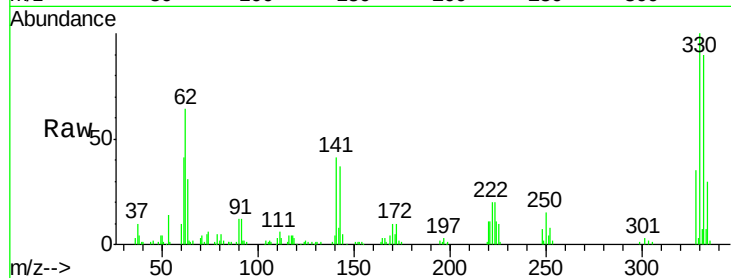




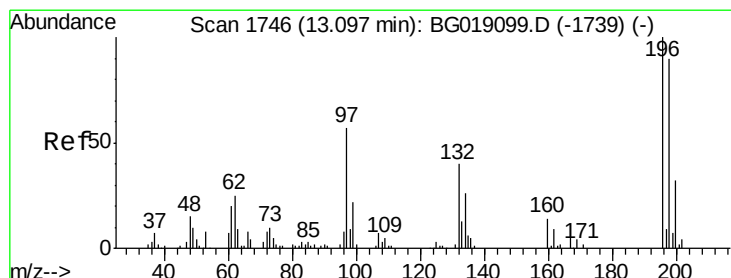
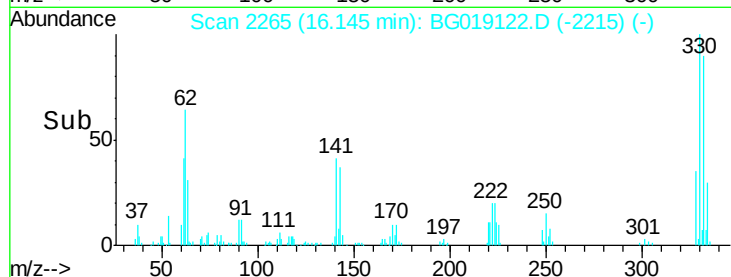
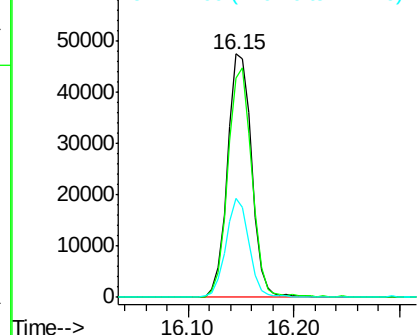
#41
 2,4,6-Tribromophenol
 Concen: 116.52 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion:330 Resp: 75025
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.3 115.9
 141 39.1 30.7 46.1

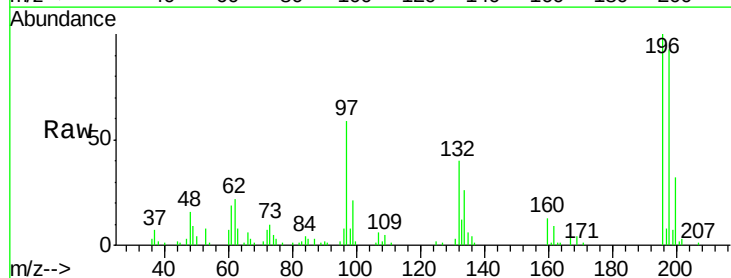


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

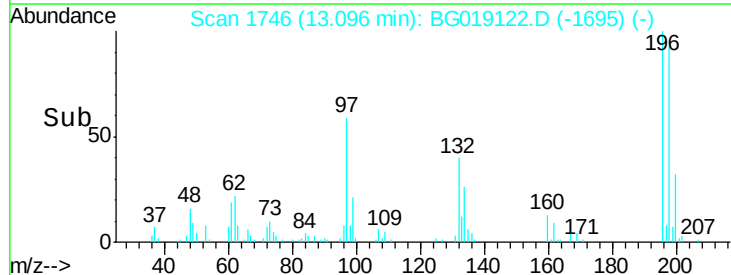
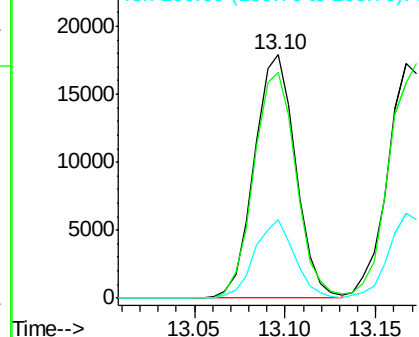


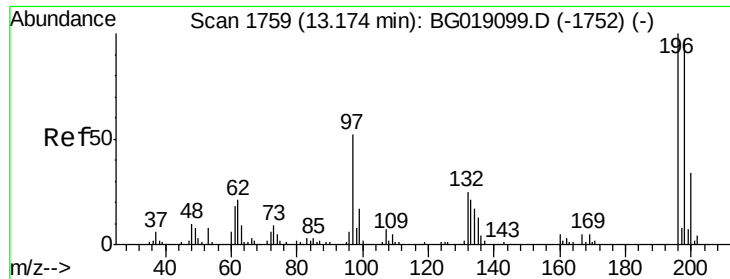
#42
 2,4,6-Trichlorophenol
 Concen: 30.06 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion:196 Resp: 28417
 Ion Ratio Lower Upper
 196 100
 198 92.9 72.0 108.0
 200 32.3 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

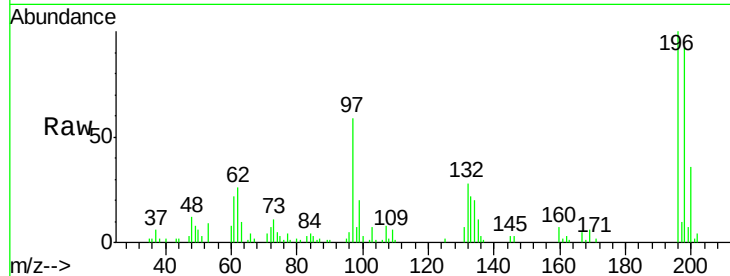




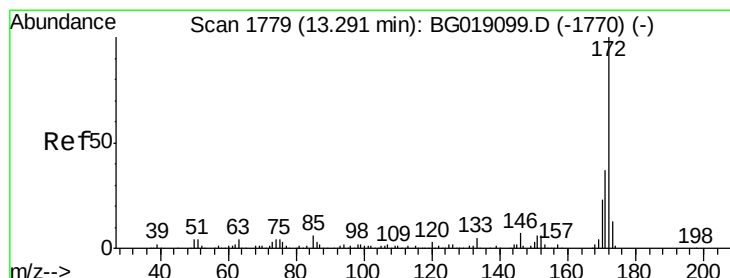
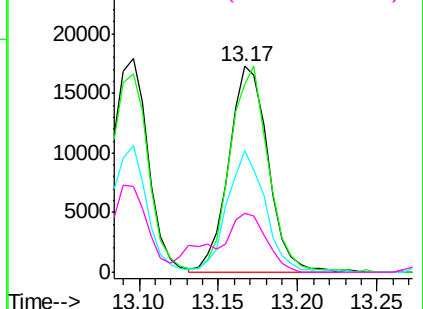
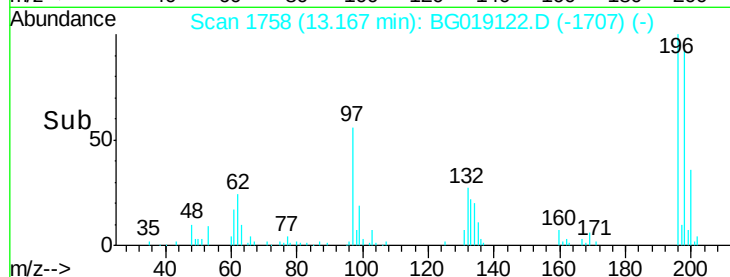
#43
 2,4,5-Trichlorophenol
 Concen: 29.69 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion:196 Resp: 29830
 Ion Ratio Lower Upper
 196 100
 198 91.7 77.7 116.5
 97 59.0 41.4 62.2
 132 28.3 20.6 30.8

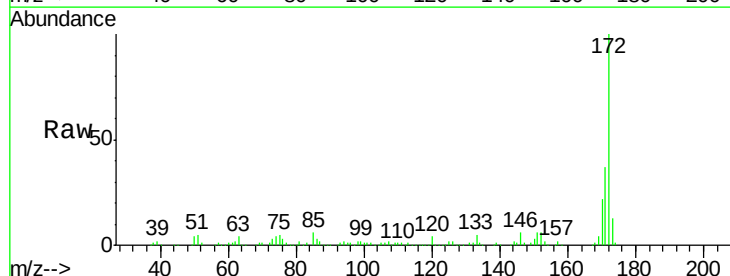


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

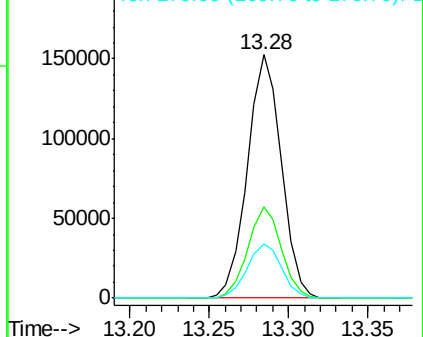
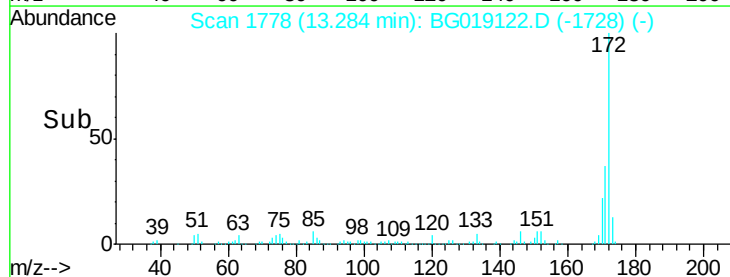


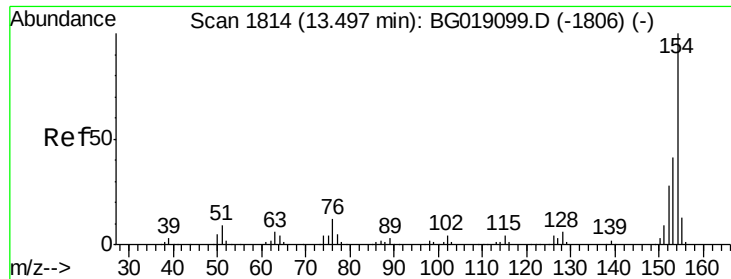
#44
 2-Fluorobiphenyl
 Concen: 73.71 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion:172 Resp: 226512
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 22.4 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

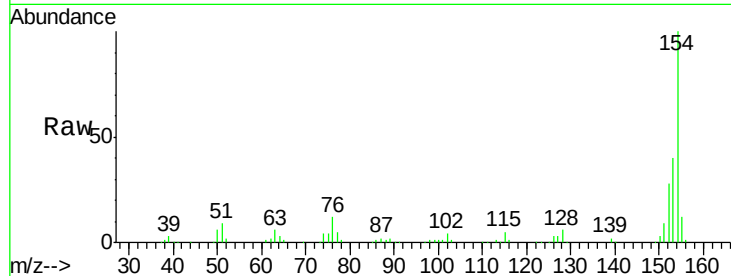




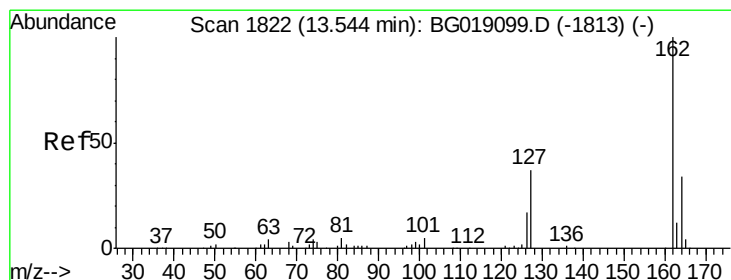
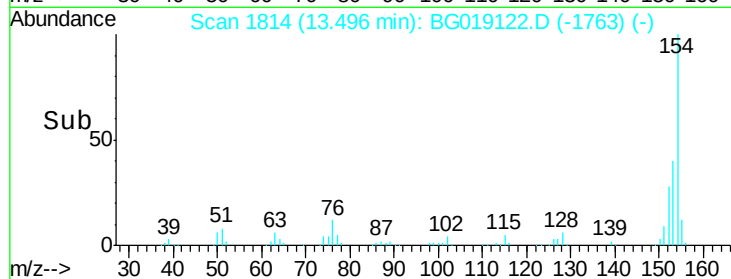
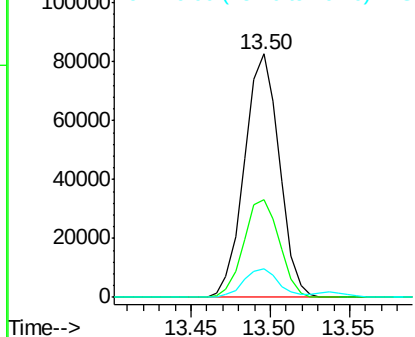
#45
 1,1'-Biphenyl
 Concen: 36.83 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.6	60.6
76	11.5	0.0	32.2

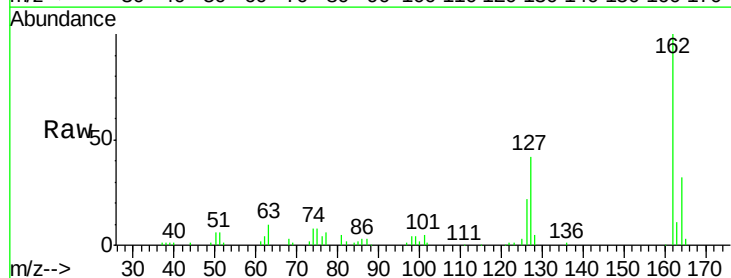


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

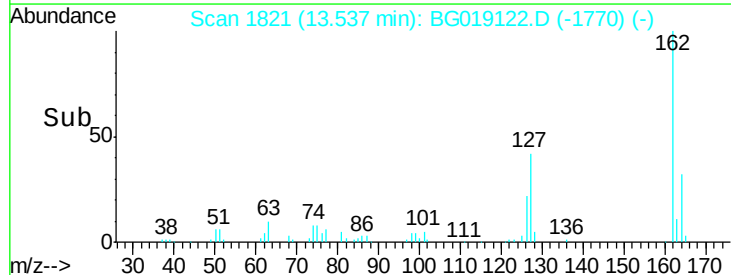
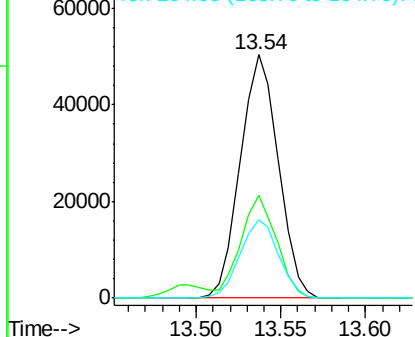


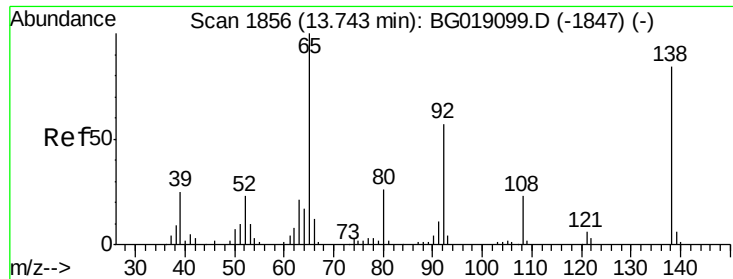
#46
 2-Chloronaphthalene
 Concen: 29.92 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.1	32.2	48.4
164	32.4	27.3	40.9



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

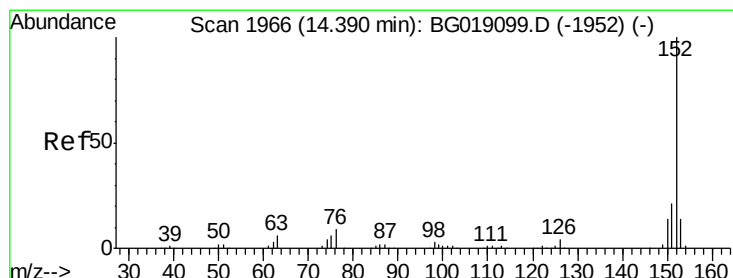
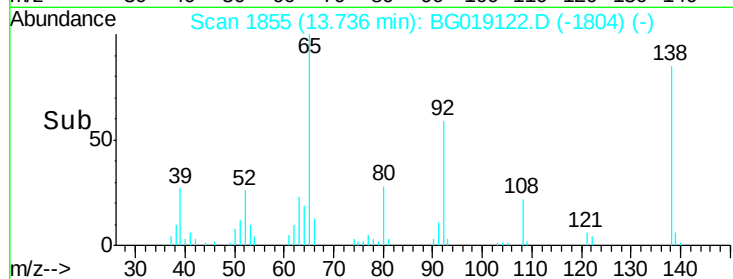
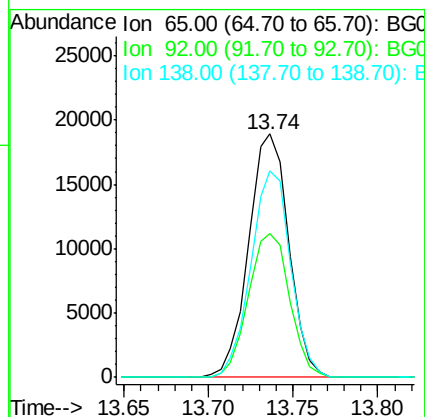
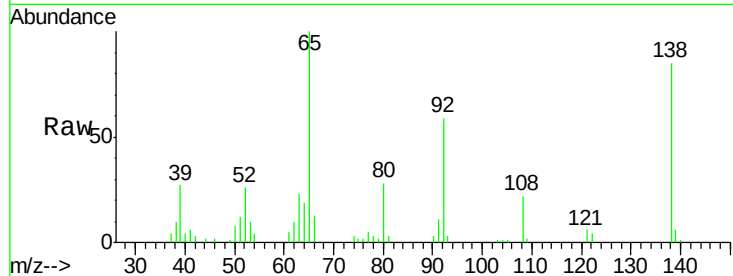




#47
2-Nitroaniline
Concen: 29.51 ng
RT: 13.74 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

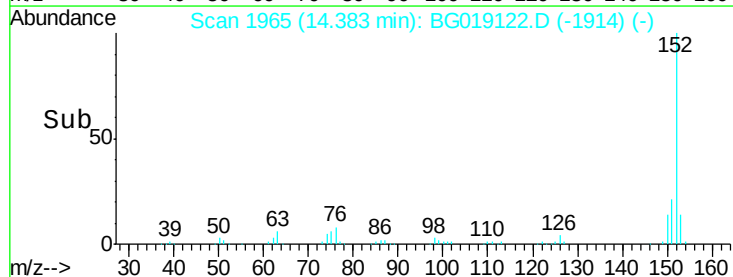
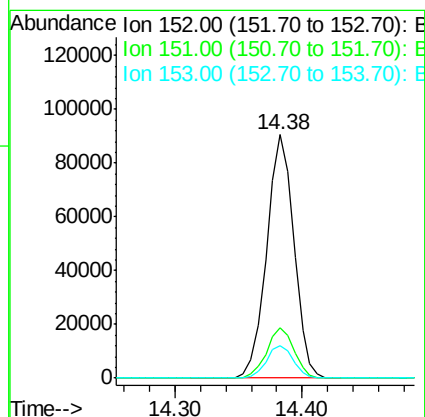
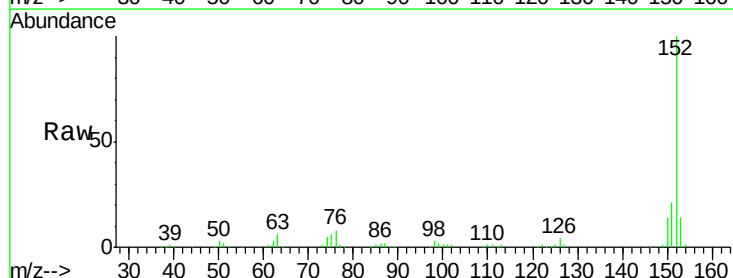
Instrument :
BNA_G
ClientSampleId :
PB85991BS

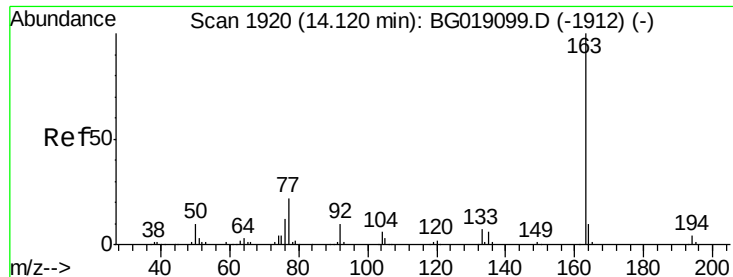
Tot Ion: 65 Resp: 31284
Ion Ratio Lower Upper
65 100
92 58.9 45.8 68.8
138 85.0 66.9 100.3



#48
Acenaphthylene
Concen: 29.10 ng
RT: 14.38 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion: 152 Resp: 135517
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.6 11.0 16.4





#49

Dimethylphthalate

Concen: 29.13 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

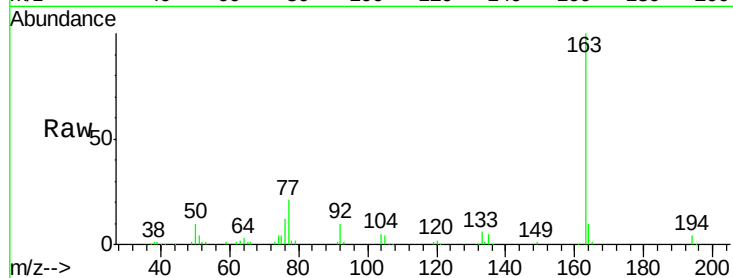
Tot Ion:163 Resp: 108713

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

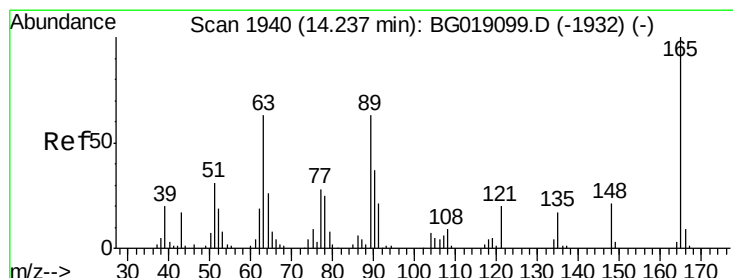
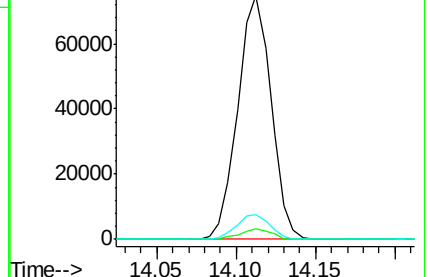
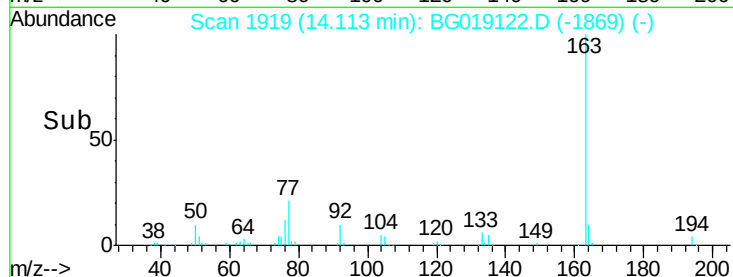
164 10.1 8.1 12.1



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: 28.93 ng

RT: 14.23 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

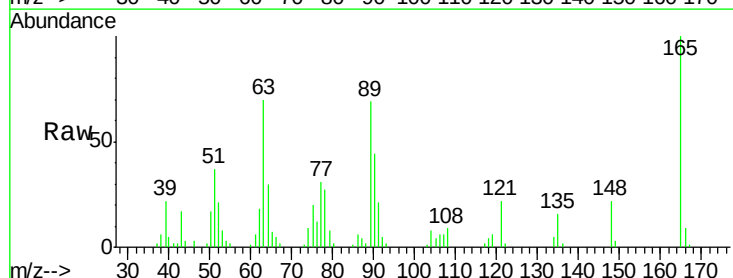
Tgt Ion:165 Resp: 23066

Ion Ratio Lower Upper

165 100

63 70.1 52.6 78.8

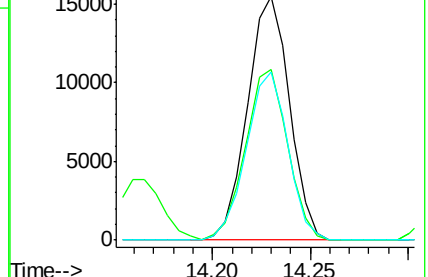
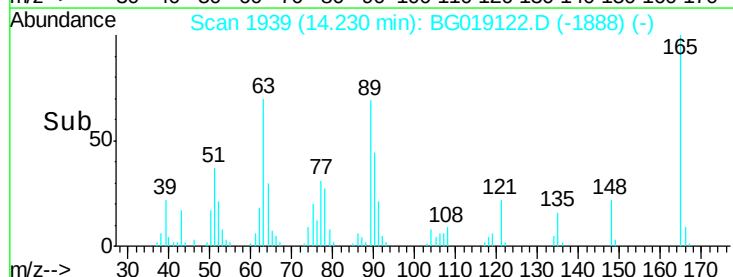
89 69.0 50.6 76.0

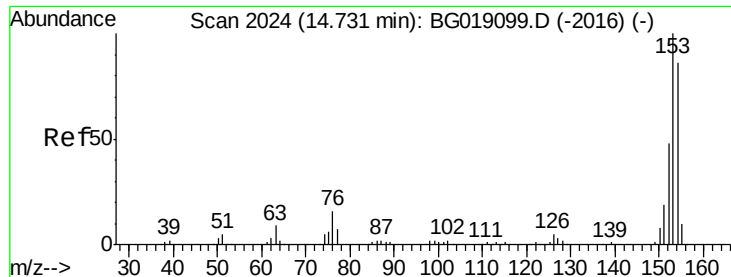


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 28.69 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

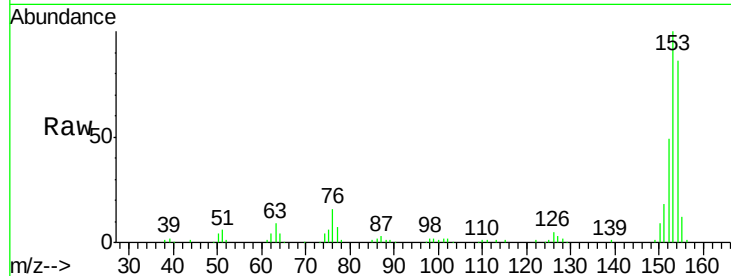
Tot Ion:154 Resp: 80326

Ion Ratio Lower Upper

154 100

153 116.6 93.4 140.2

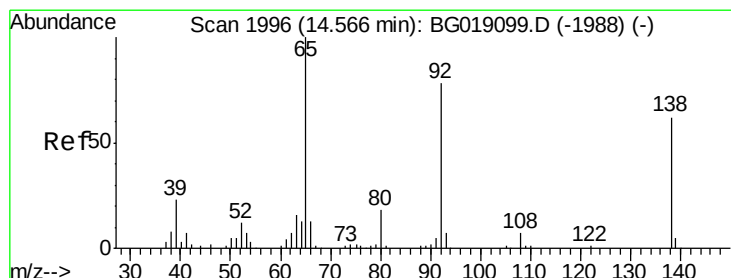
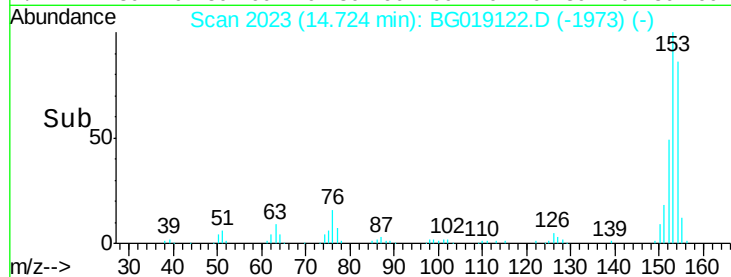
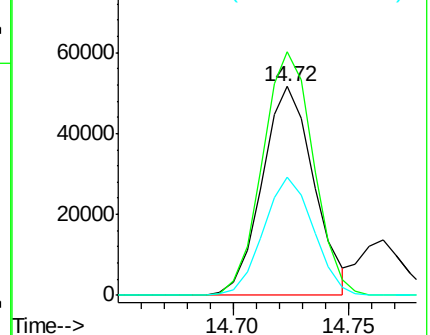
152 56.6 44.9 67.3



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: 18.09 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

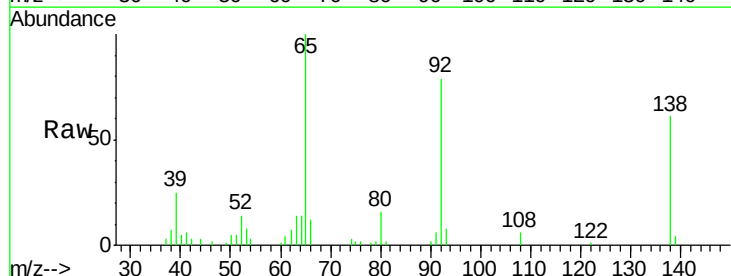
Tgt Ion:138 Resp: 15910

Ion Ratio Lower Upper

138 100

108 9.5 8.6 13.0

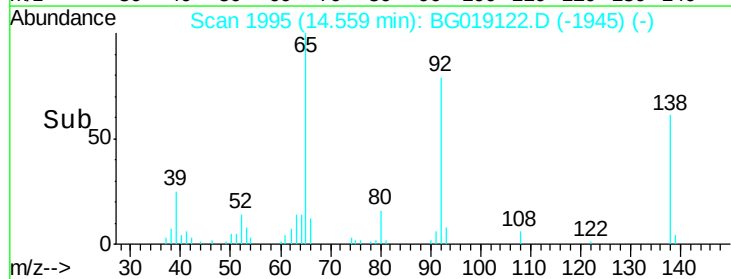
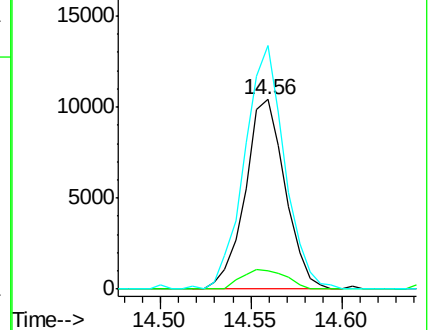
92 128.5 101.4 152.0

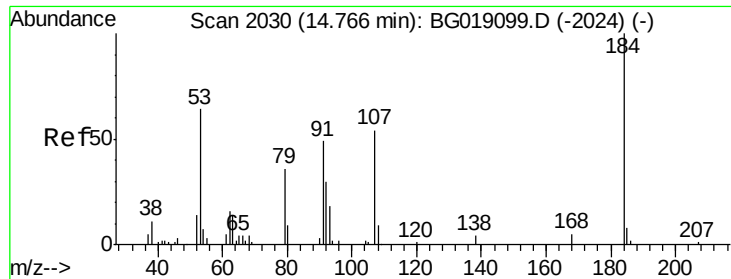


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

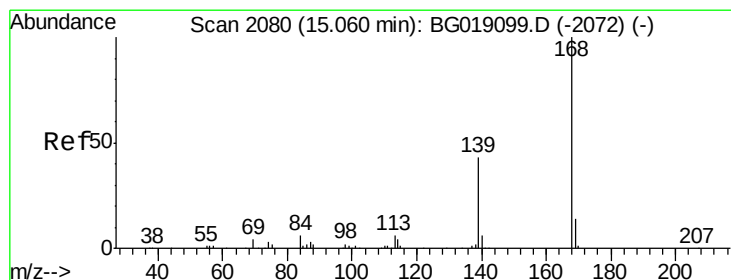
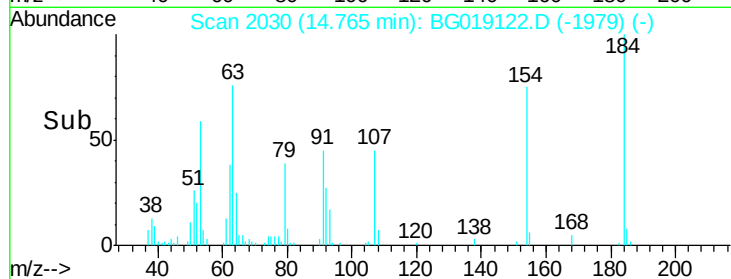
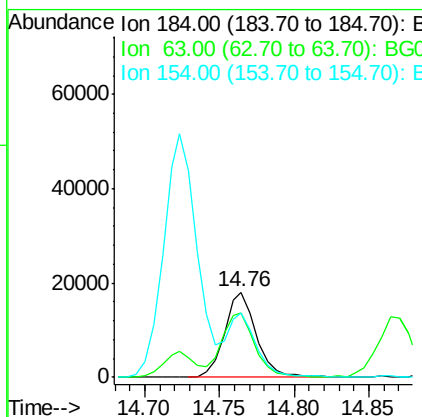
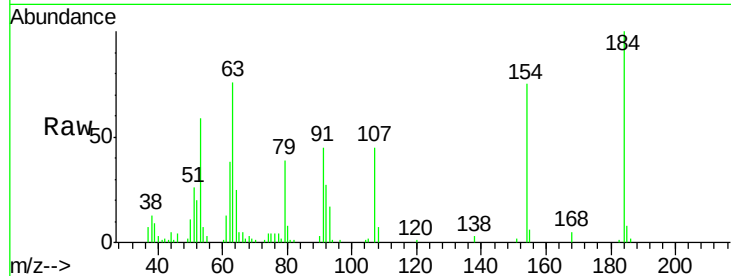




#53
 2,4-Dinitrophenol
 Concen: 62.82 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

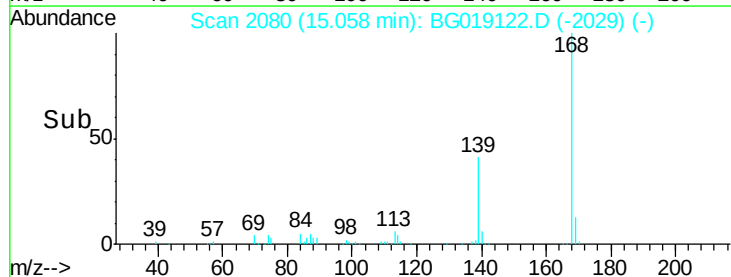
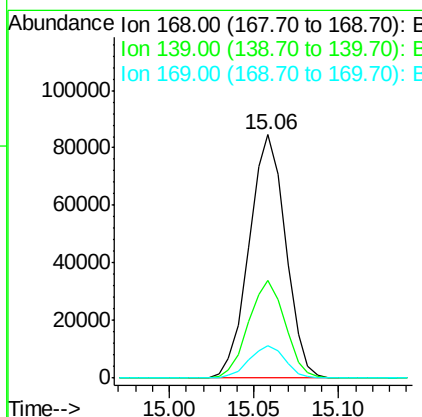
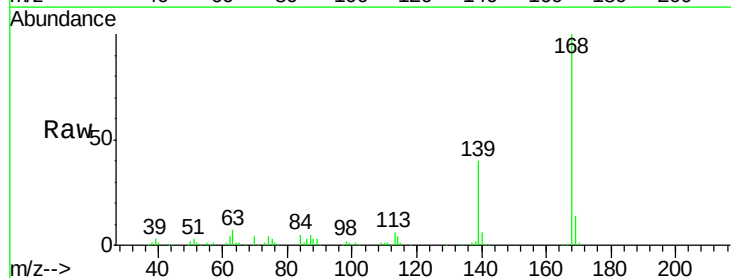
Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

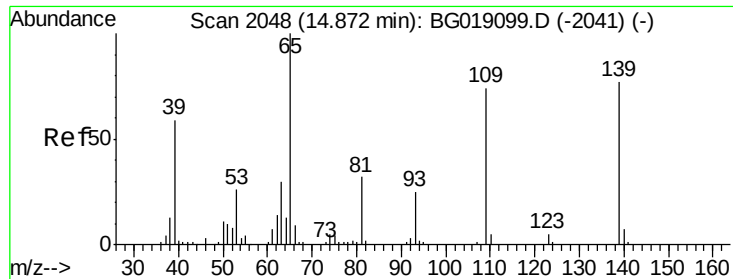
Tot Ion:184 Resp: 26946
 Ion Ratio Lower Upper
 184 100
 63 76.1 67.5 101.3
 154 74.8 62.4 93.6



#54
 Dibenzofuran
 Concen: 30.76 ng
 RT: 15.06 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion:168 Resp: 127271
 Ion Ratio Lower Upper
 168 100
 139 40.3 34.2 51.4
 169 13.5 11.4 17.0

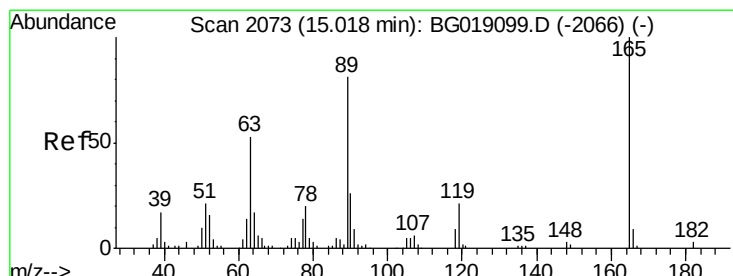
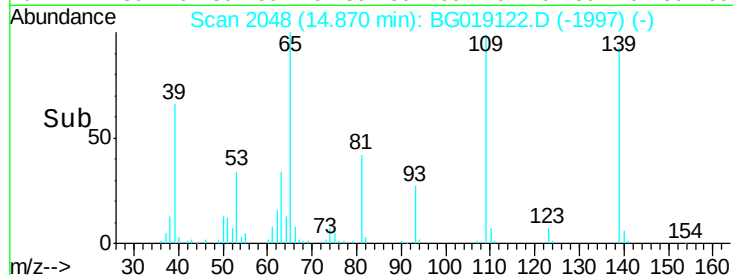
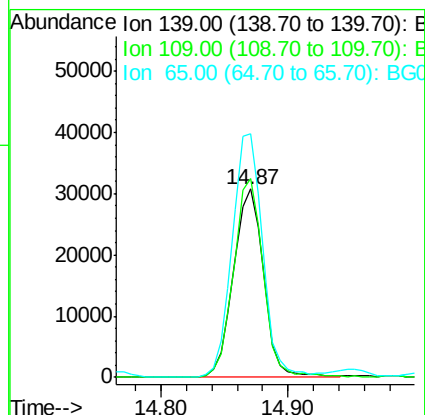
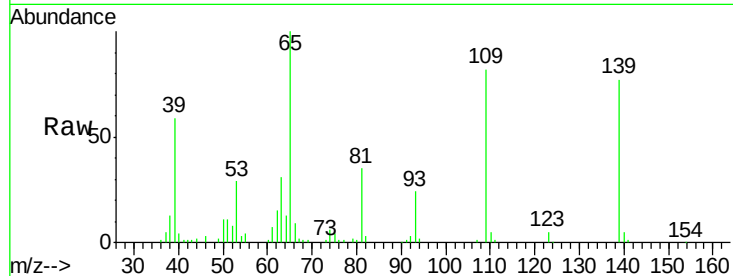




#55
4-Nitrophenol
Concen: 75.79 ng
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

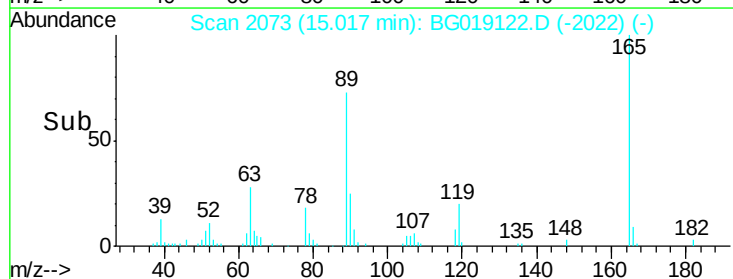
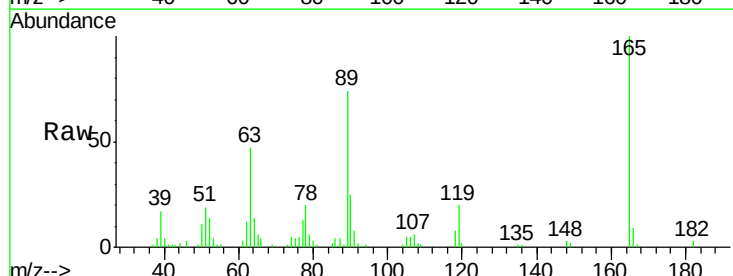
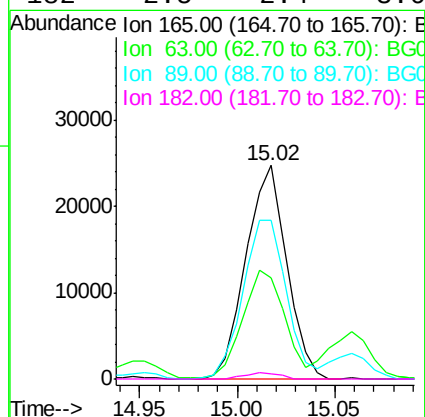
Instrument :
BNA_G
ClientSampleId :
PB85991BS

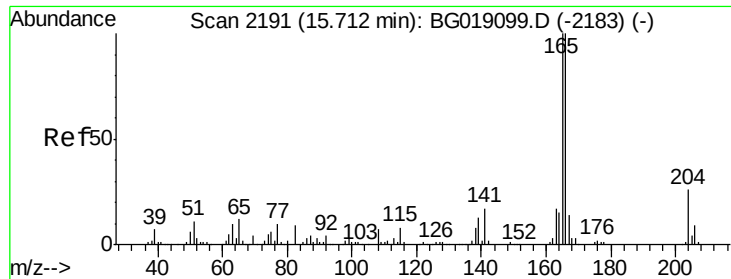
Tot Ion:139 Resp: 50454
Ion Ratio Lower Upper
139 100
109 105.8 76.8 116.8
65 129.3 110.0 150.0



#56
2,4-Dinitrotoluene
Concen: 30.87 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:165 Resp: 35783
Ion Ratio Lower Upper
165 100
63 47.3 42.2 63.2
89 74.4 64.8 97.2
182 2.5 2.4 3.6

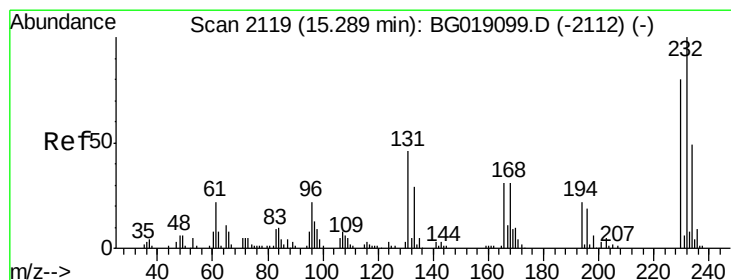
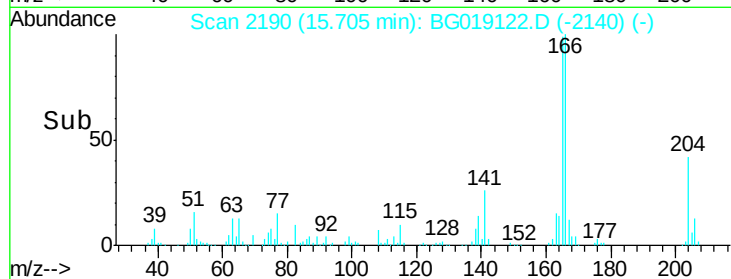
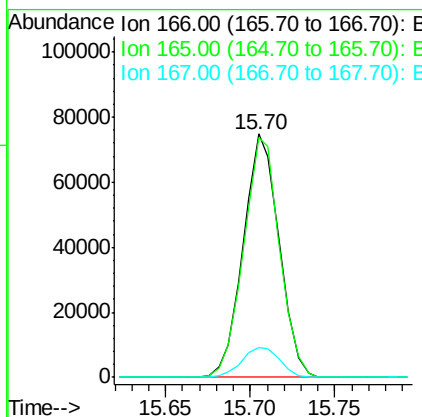
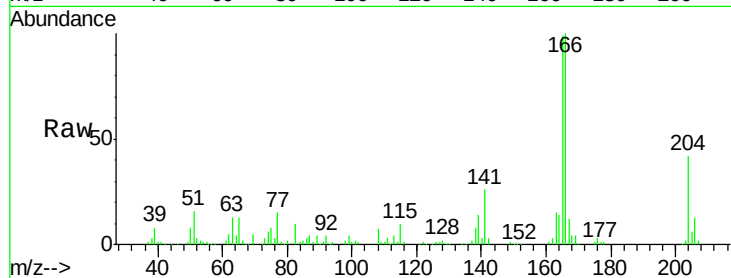




#57
 Fluorene
 Concen: 30.71 ng
 RT: 15.70 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

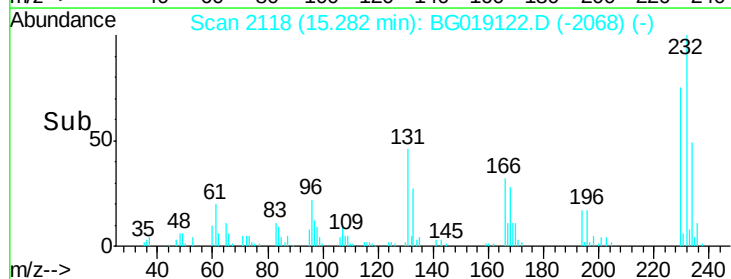
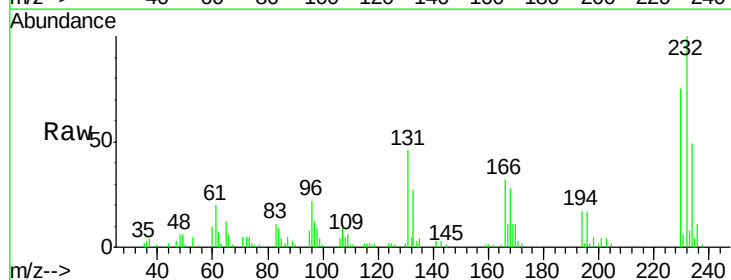
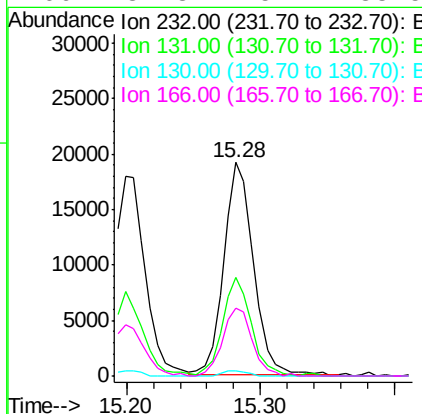
Instrument :
 BNA_G
 ClientSampleID :
 PB85991BS

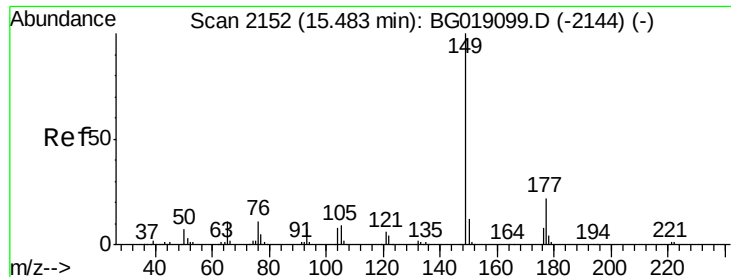
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.2	120.2
167	12.3	11.4	17.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.24 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.5	54.7
130	2.0	2.3	3.5
166	32.3	25.7	38.5

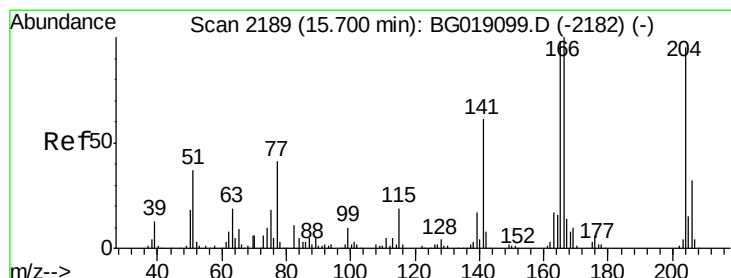
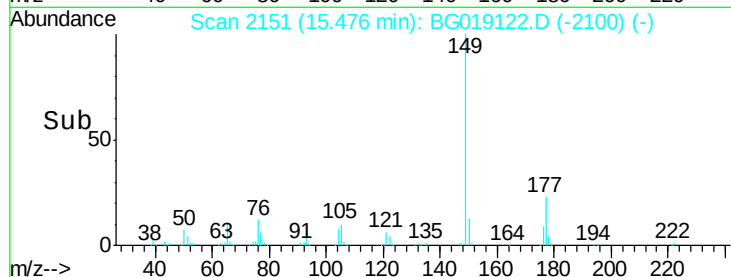
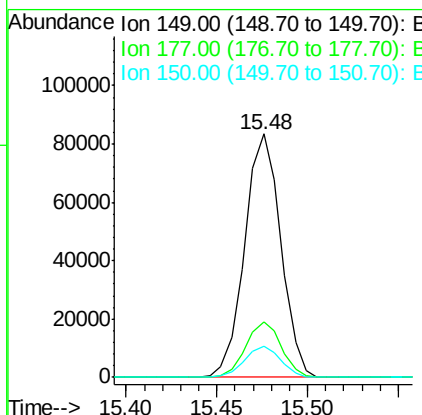
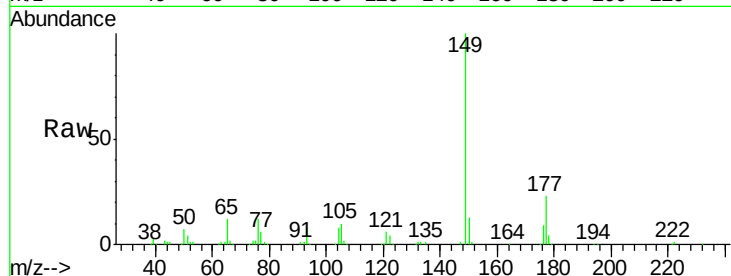




#59
Diethylphthalate
Concen: 29.75 ng
RT: 15.48 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

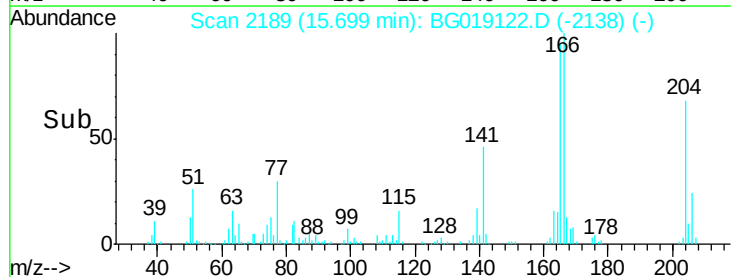
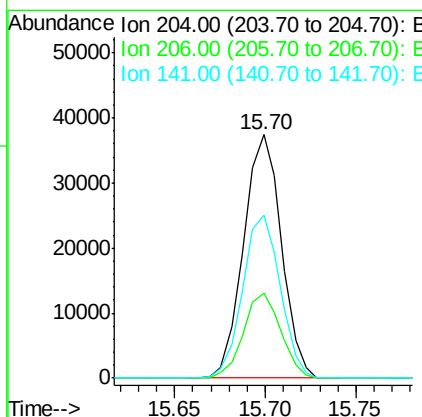
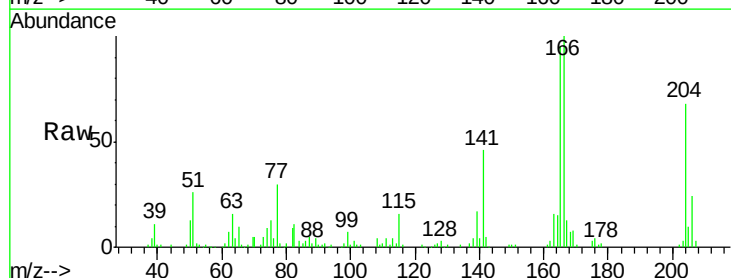
Instrument :
BNA_G
ClientSampled :
PB85991BS

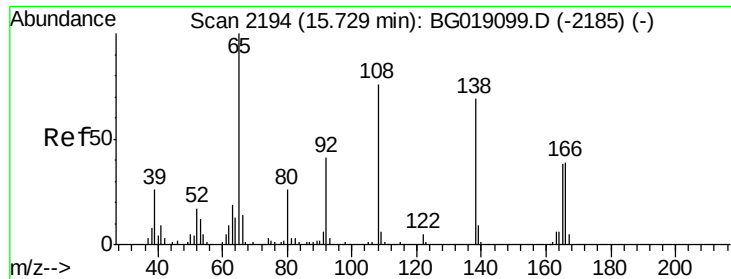
Tot Ion:149 Resp: 115311
Ion Ratio Lower Upper
149 100
177 22.8 17.7 26.5
150 12.8 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 29.63 ng
RT: 15.70 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:204 Resp: 54189
Ion Ratio Lower Upper
204 100
206 34.6 27.0 40.4
141 67.2 51.9 77.9

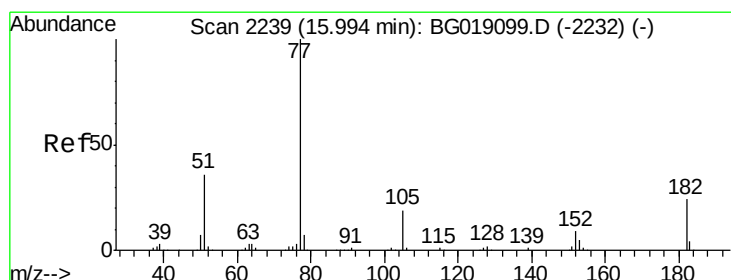
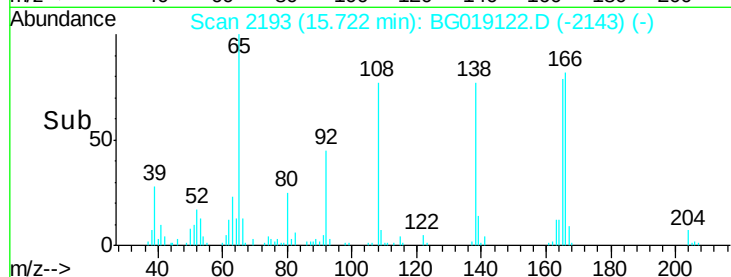
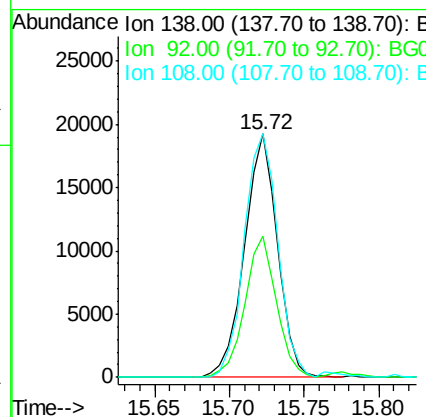
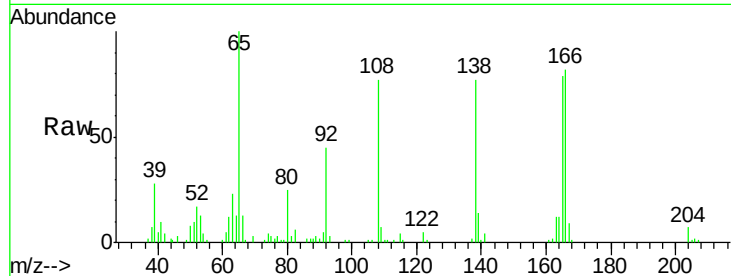




#61
4-Nitroaniline
Concen: 30.65 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

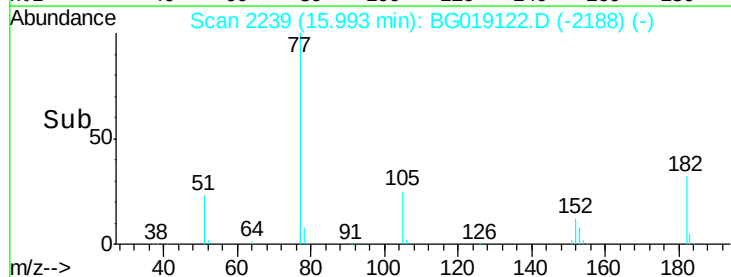
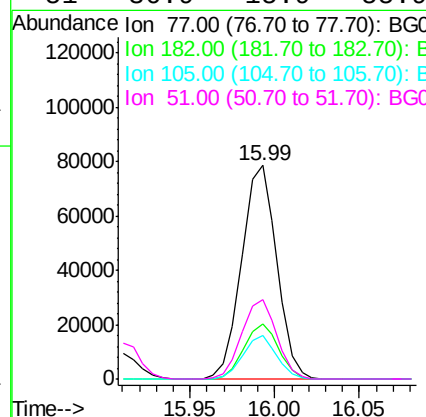
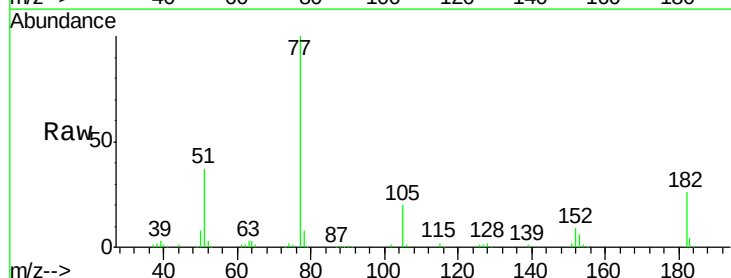
Instrument :
BNA_G
ClientSampleId :
PB85991BS

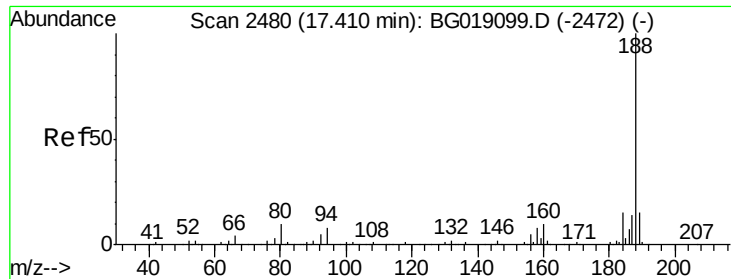
Tot Ion:138 Resp: 29304
Ion Ratio Lower Upper
138 100
92 58.0 39.0 79.0
108 100.1 90.8 130.8



#62
Azobenzene
Concen: 31.60 ng
RT: 15.99 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion: 77 Resp: 113588
Ion Ratio Lower Upper
77 100
182 26.0 4.4 44.4
105 20.3 0.0 39.1
51 36.9 15.9 55.9

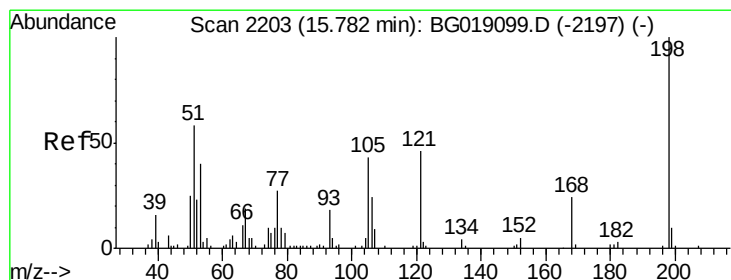
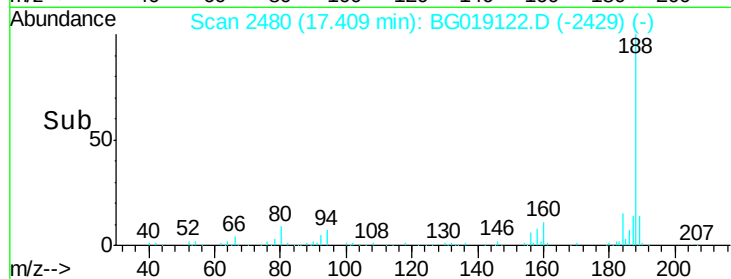
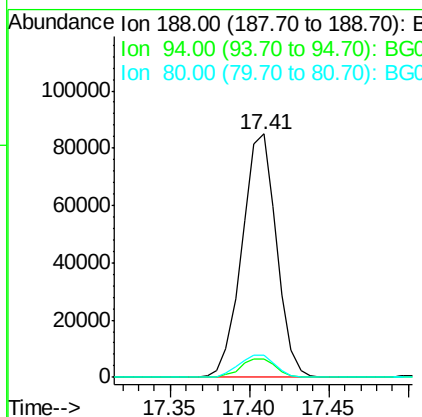
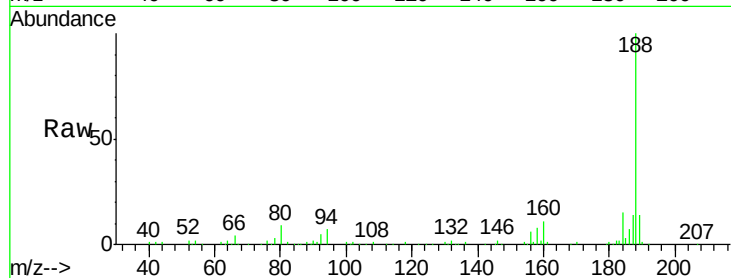




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.41 min Scan# 2480
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

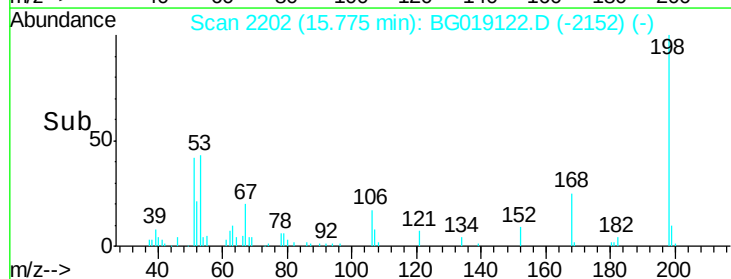
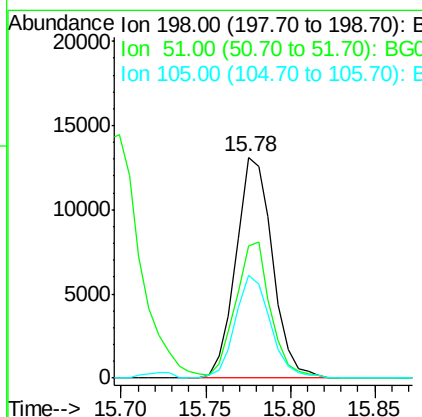
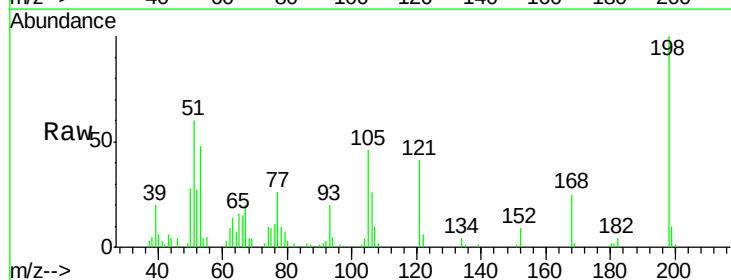
Instrument :
 BNA_G
 ClientSampled :
 PB85991BS

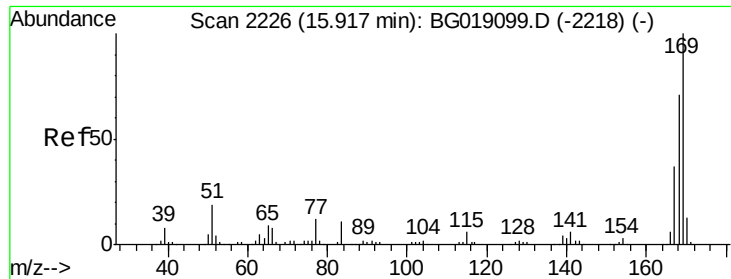
Tot Ion	188	Resp	127745
Ion Ratio	100	Lower	Upper
94	7.5	6.4	9.6
80	8.9	7.6	11.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.29 ng
 RT: 15.78 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion	198	Resp	19729
Ion Ratio	100	Lower	Upper
51	59.7	40.1	80.1
105	46.3	23.4	63.4

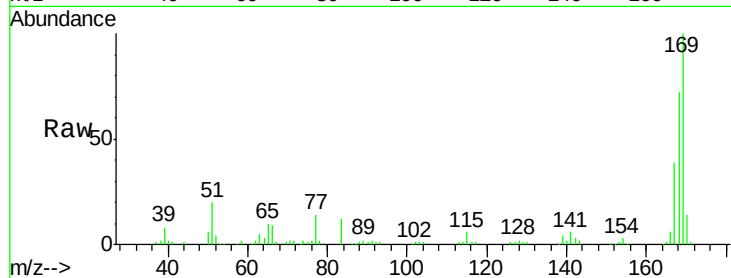




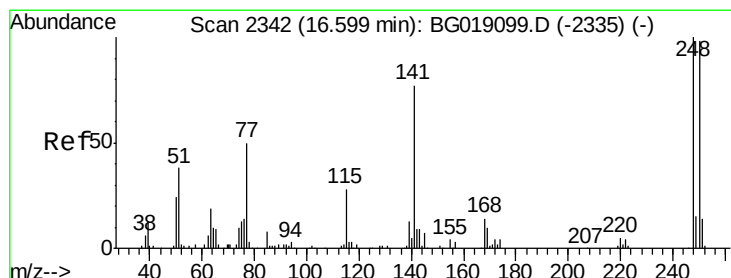
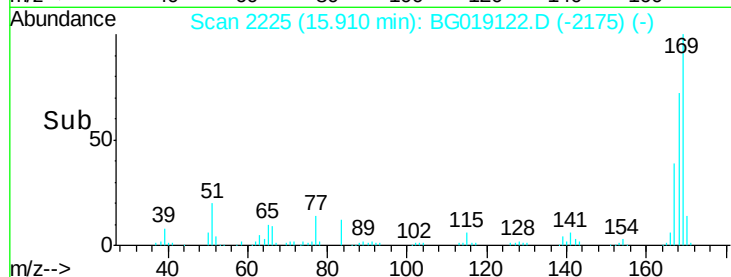
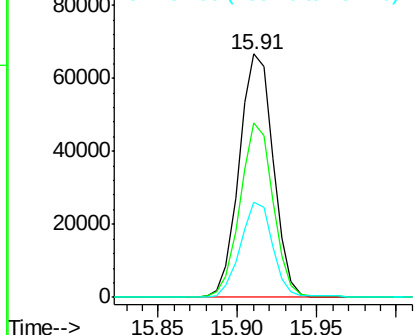
#65
 n-Nitrosodiphenylamine
 Concen: 28.00 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion:169 Resp: 98863
 Ion Ratio Lower Upper
 169 100
 168 71.6 56.6 84.8
 167 39.0 30.0 45.0

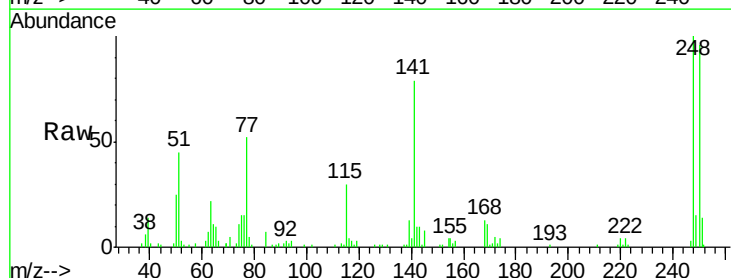


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

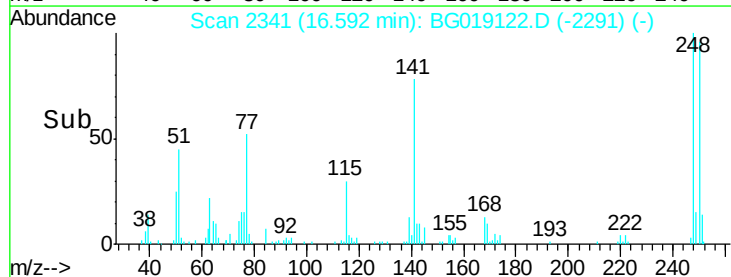
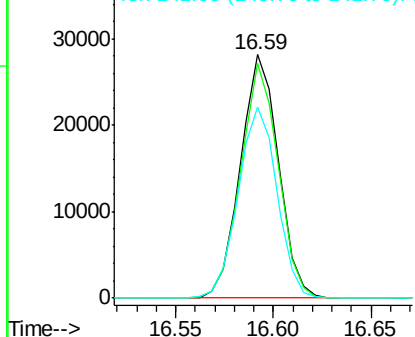


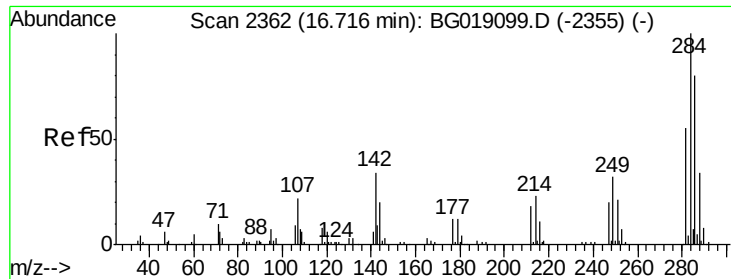
#66
 4-Bromophenyl-phenylether
 Concen: 29.32 ng
 RT: 16.59 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion:248 Resp: 38064
 Ion Ratio Lower Upper
 248 100
 250 96.5 78.4 117.6
 141 78.7 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

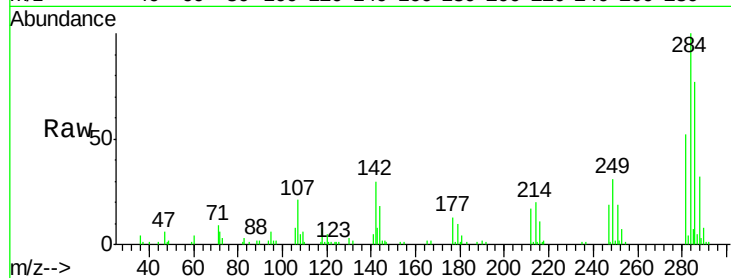




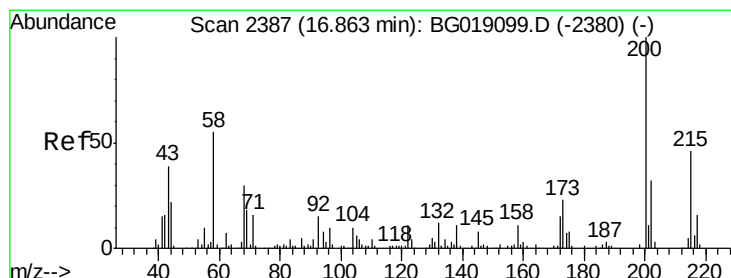
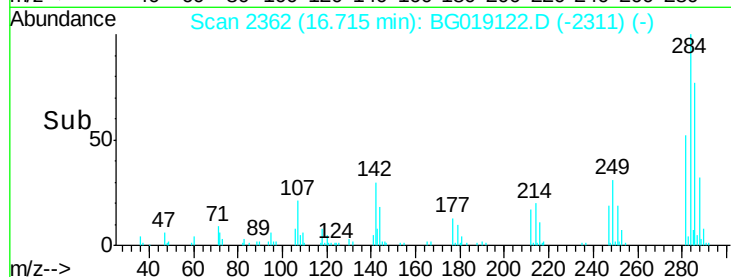
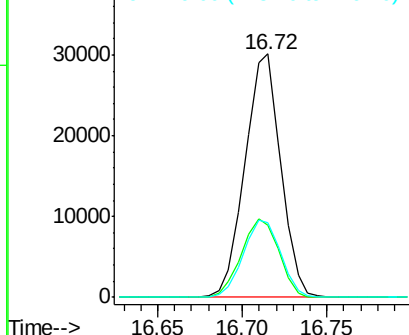
#67
Hexachlorobenzene
Concen: 29.14 ng
RT: 16.72 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion:284 Resp: 44427
Ion Ratio Lower Upper
284 100
142 29.6 27.0 40.4
249 30.5 25.4 38.2

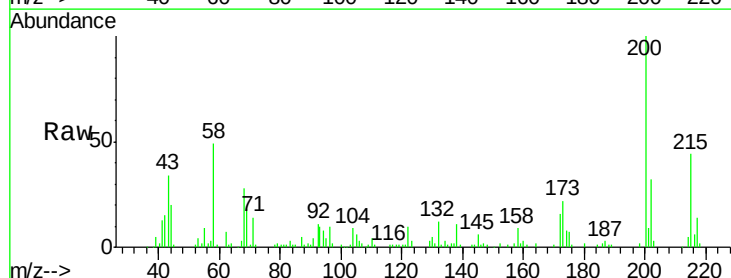


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

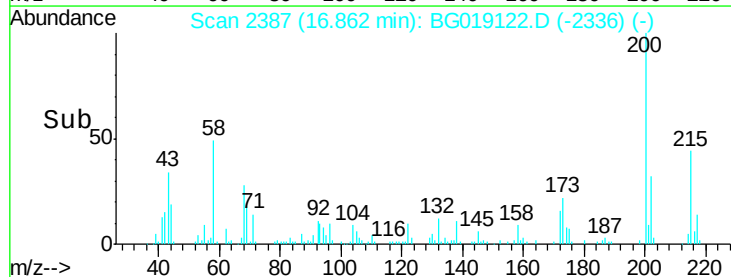
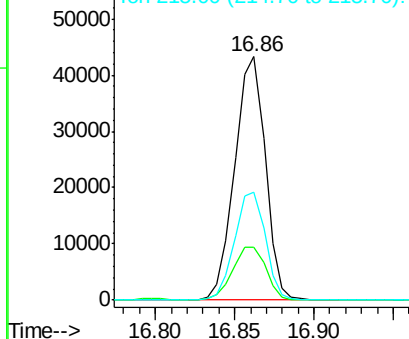


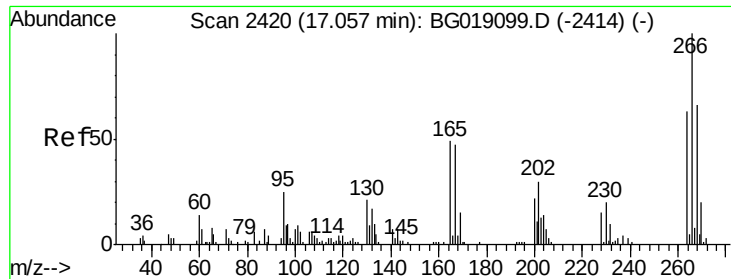
#68
Atrazine
Concen: 39.89 ng
RT: 16.86 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion:200 Resp: 58001
Ion Ratio Lower Upper
200 100
173 21.9 3.3 43.3
215 44.3 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

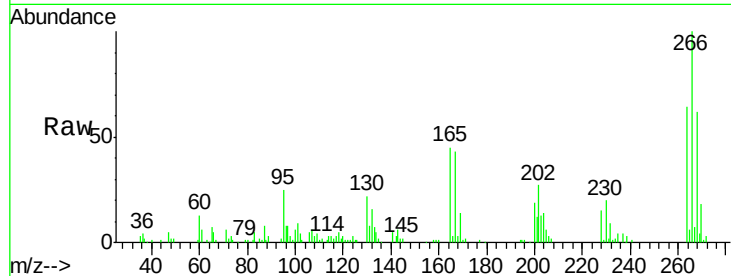




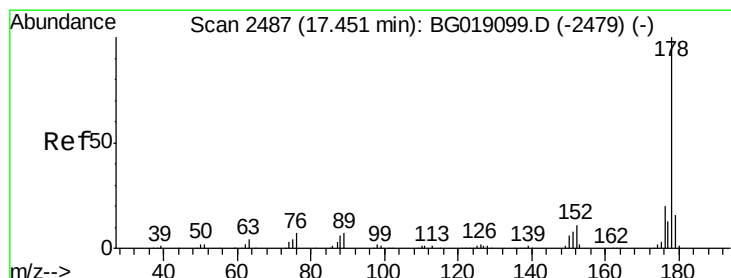
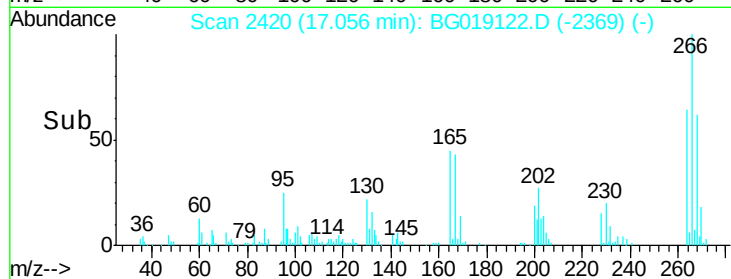
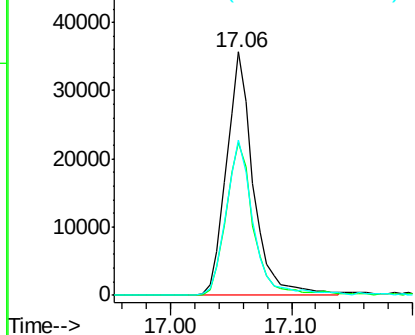
#69
 Pentachlorophenol
 Concen: 69.45 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion:266 Resp: 55200
 Ion Ratio Lower Upper
 266 100
 268 62.5 53.0 79.4
 264 63.6 50.1 75.1

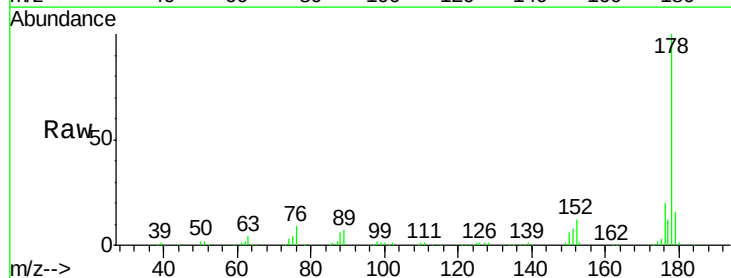


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

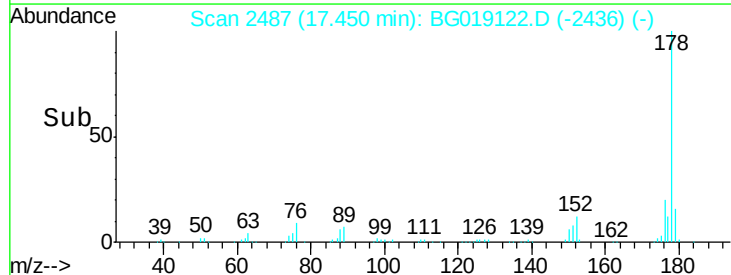
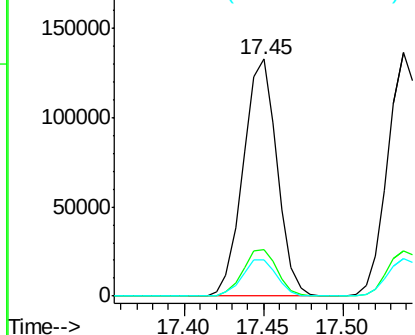


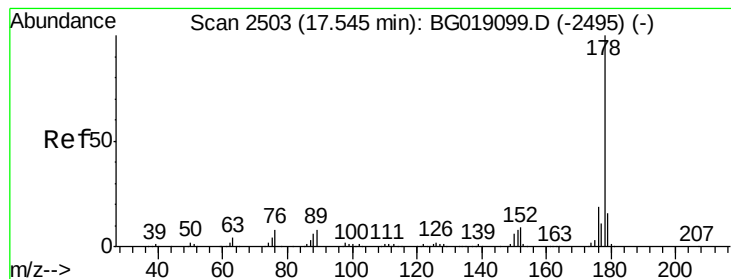
#70
 Phenanthrene
 Concen: 29.88 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion:178 Resp: 196439
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.3 24.5
 179 15.6 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: 30.66 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

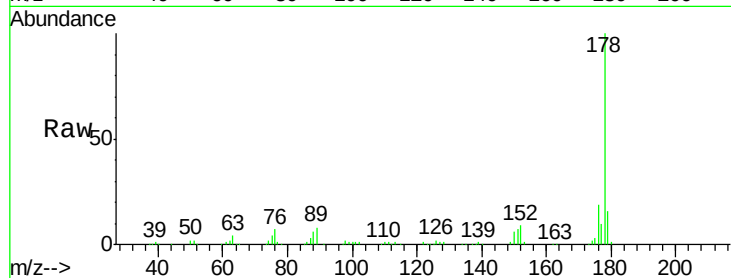
Tot Ion:178 Resp: 201609

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

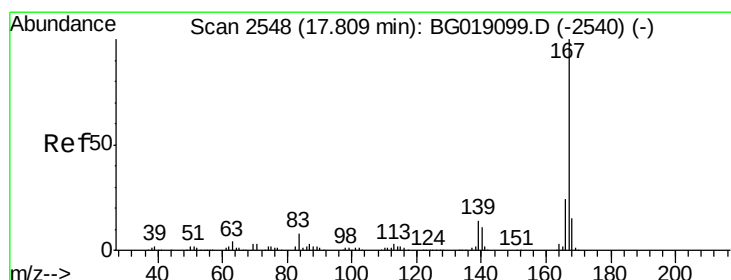
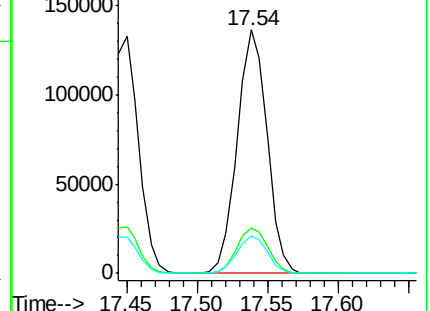
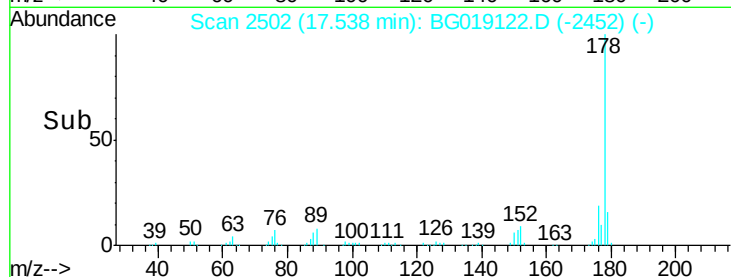
179 15.6 12.9 19.3



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: 32.56 ng

RT: 17.81 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

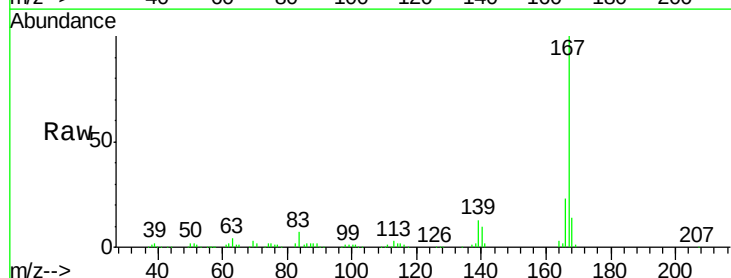
Tgt Ion:167 Resp: 200447

Ion Ratio Lower Upper

167 100

166 23.0 19.1 28.7

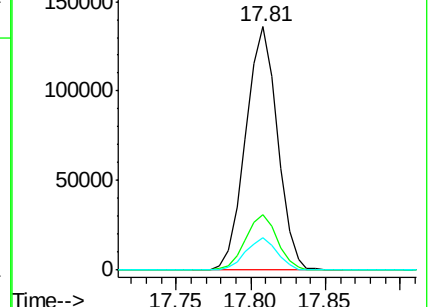
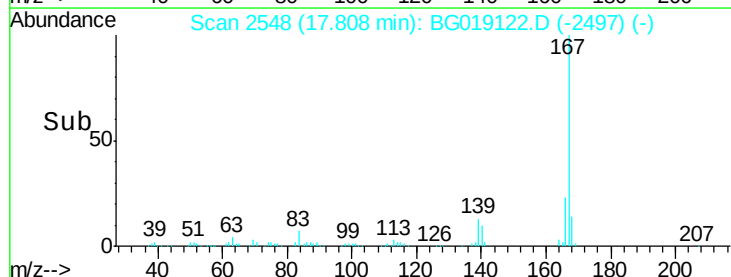
139 13.2 11.2 16.8

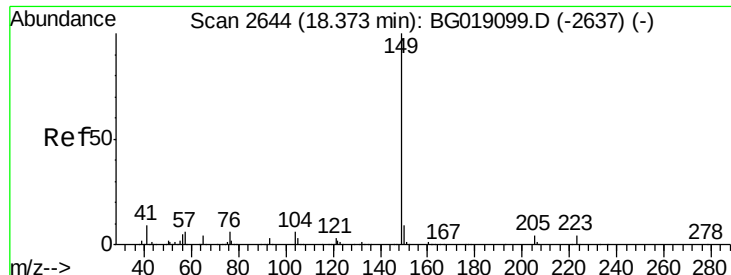


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

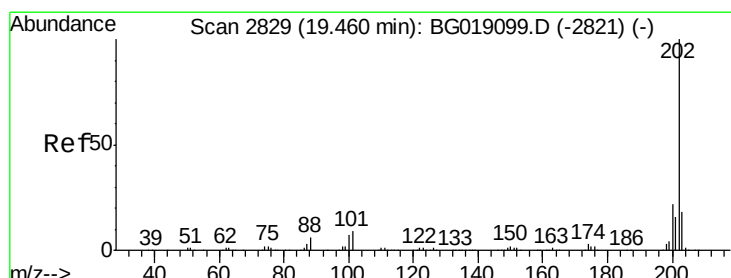
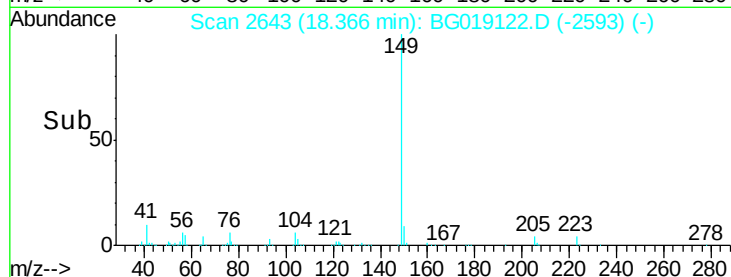
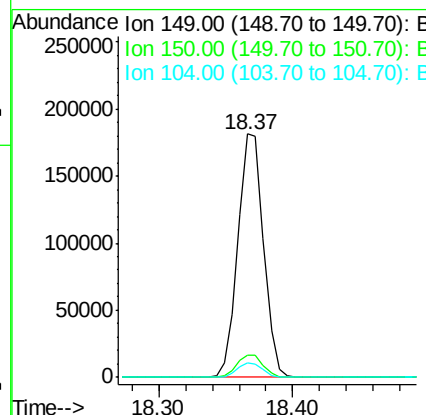
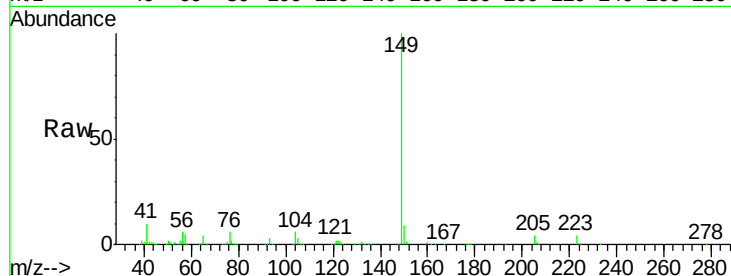




#73
Di-n-butylphthalate
Concen: 32.20 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

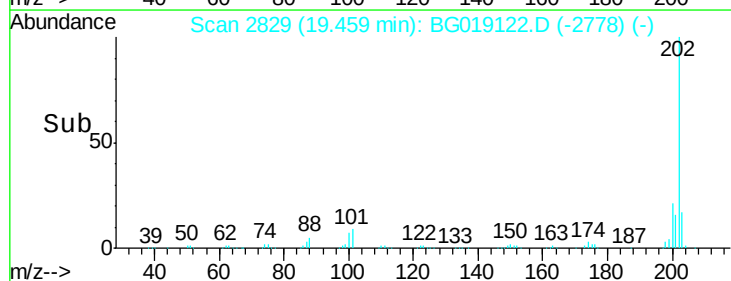
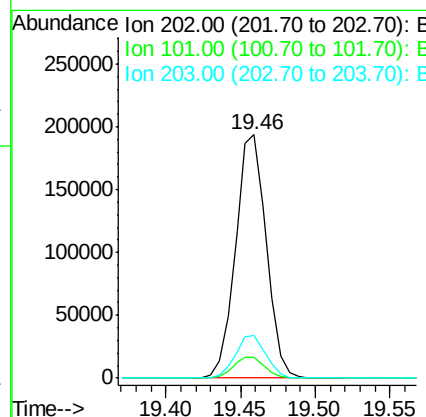
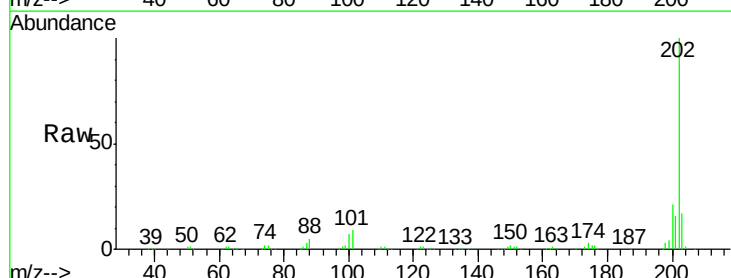
Instrument :
BNA_G
ClientSampleId :
PB85991BS

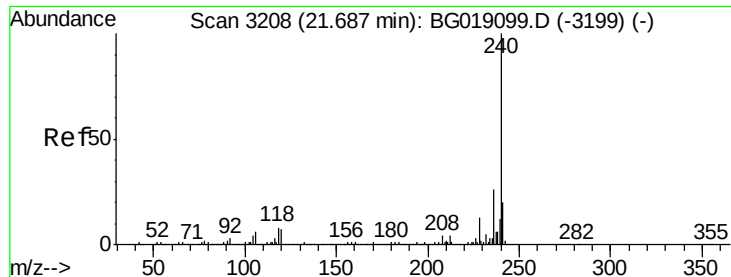
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.9	5.0	7.6



#74
Fluoranthene
Concen: 32.88 ng
RT: 19.46 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.9
203	17.4	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

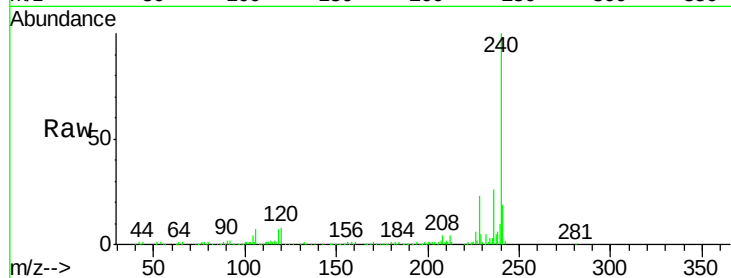
Tot Ion:240 Resp: 171643

Ion Ratio Lower Upper

240 100

120 7.7 5.8 8.6

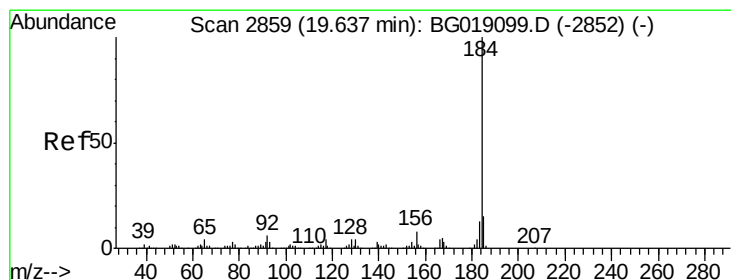
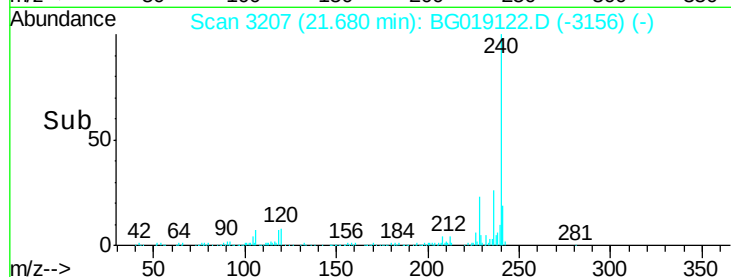
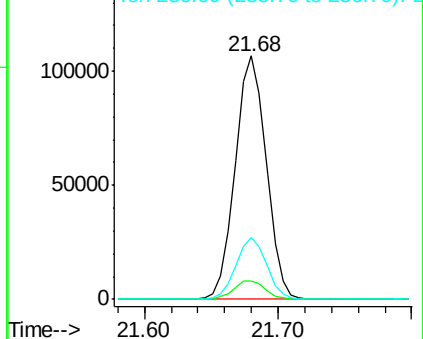
236 25.5 21.2 31.8



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: 24.94 ng

RT: 19.64 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

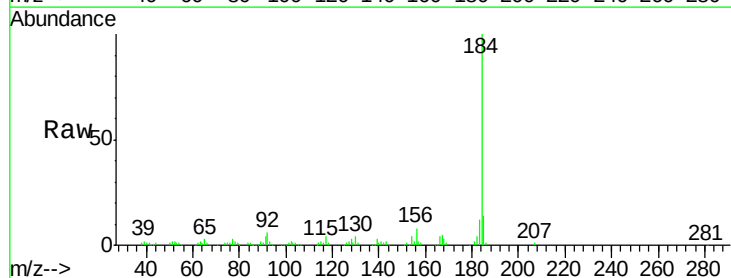
Tgt Ion:184 Resp: 109817

Ion Ratio Lower Upper

184 100

185 13.8 11.9 17.9

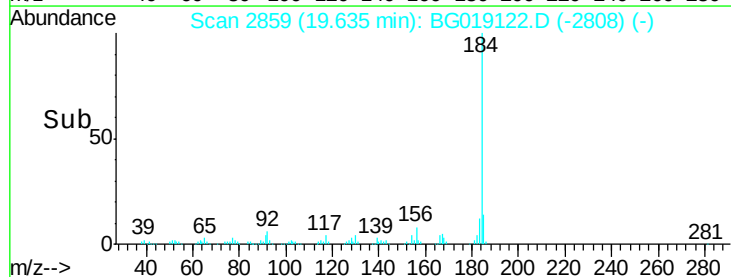
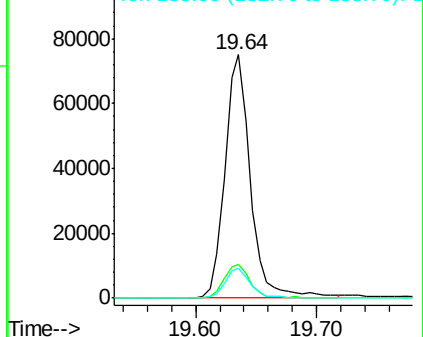
183 12.3 10.1 15.1

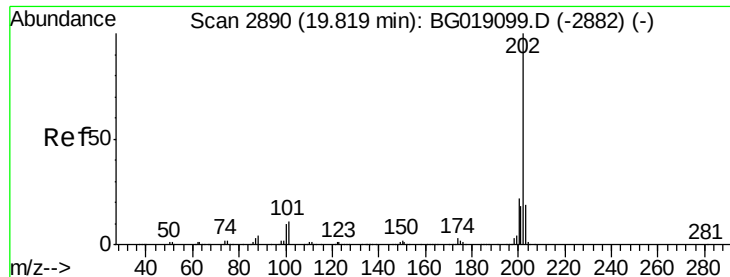


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.18 ng

RT: 19.82 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

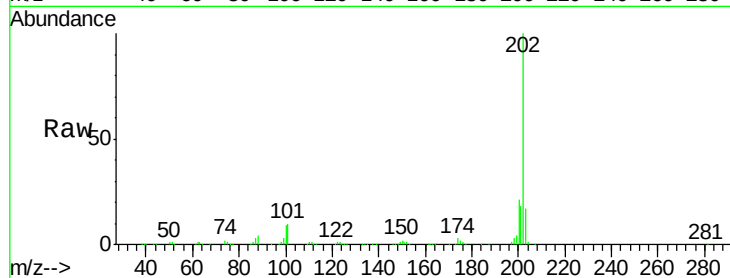
Tot Ion:202 Resp: 290057

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

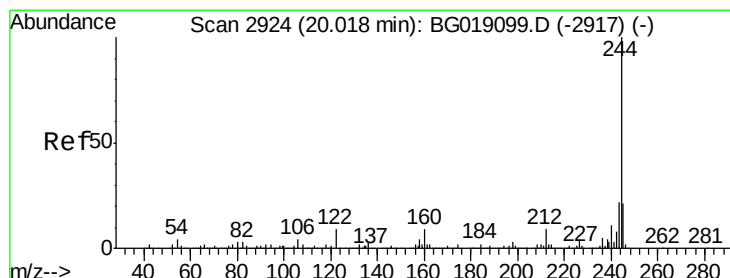
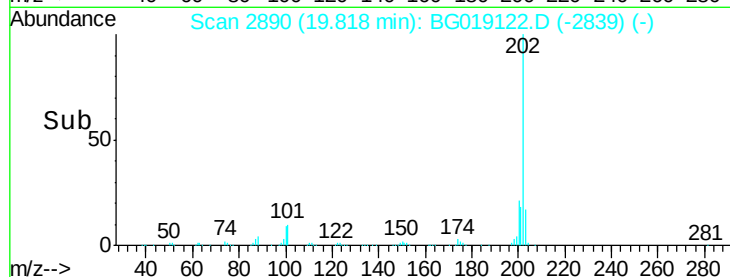
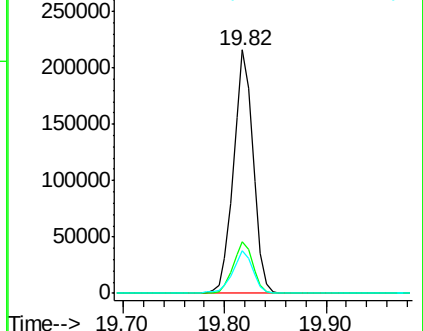
203 17.3 14.8 22.2



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: 75.43 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

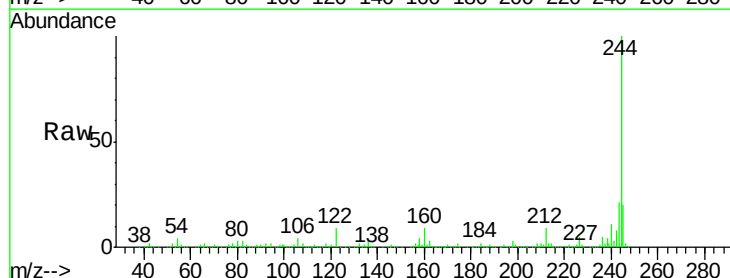
Tgt Ion:244 Resp: 490159

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

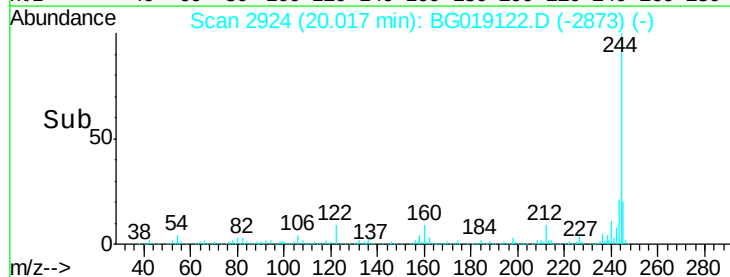
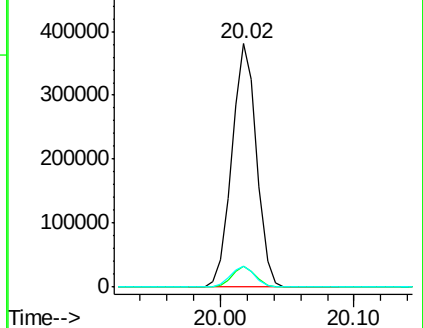
122 8.7 7.4 11.2

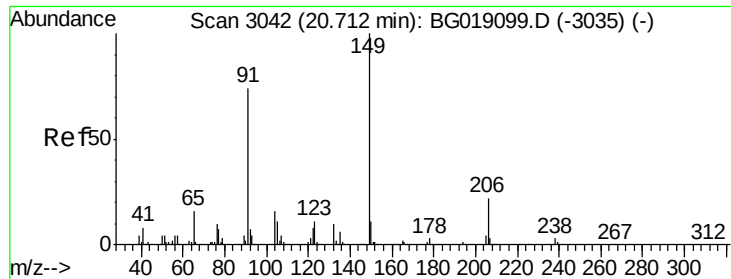


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

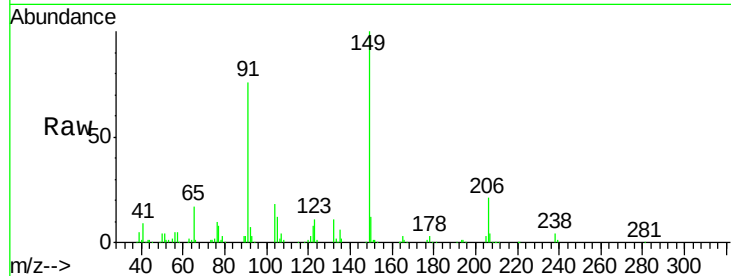




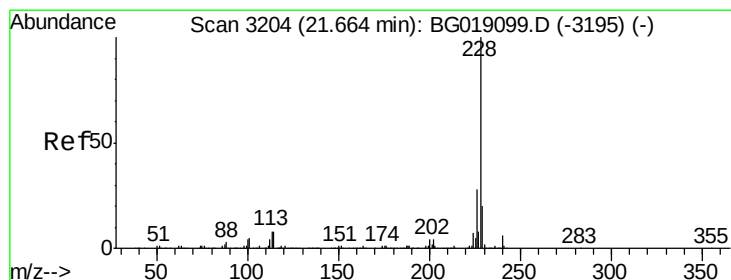
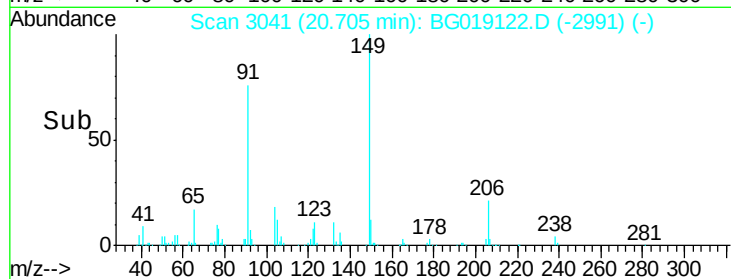
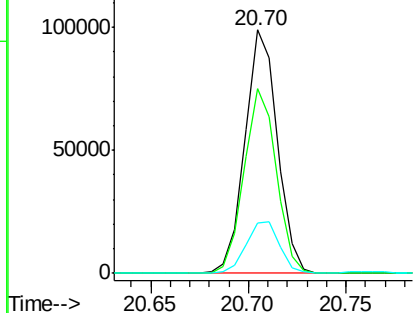
#79
Butylbenzylphthalate
Concen: 29.11 ng
RT: 20.70 min Scan# 3041
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.9	59.2	88.8
206	20.9	17.5	26.3

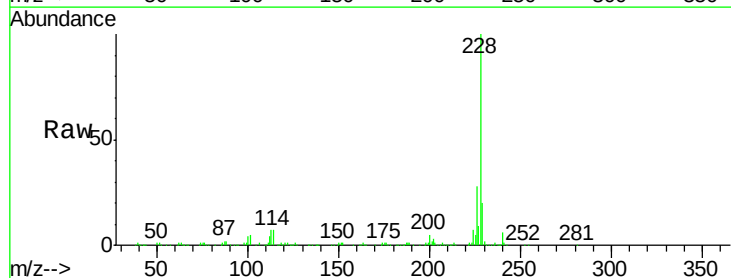


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

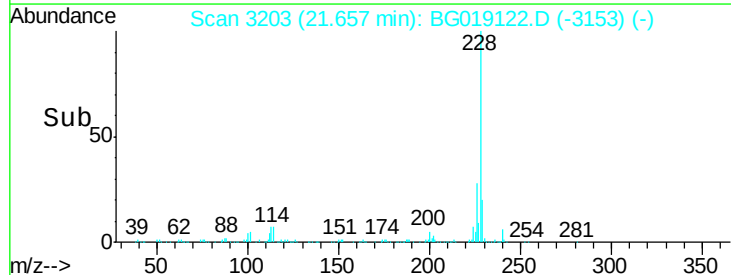
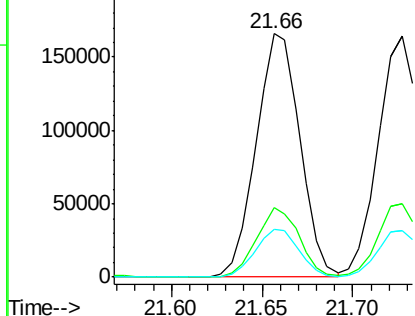


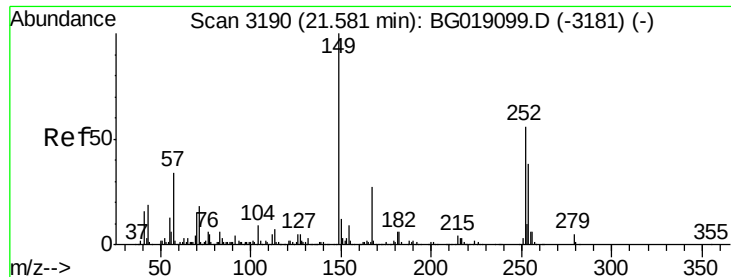
#80
Benzo(a)anthracene
Concen: 30.28 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	19.8	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

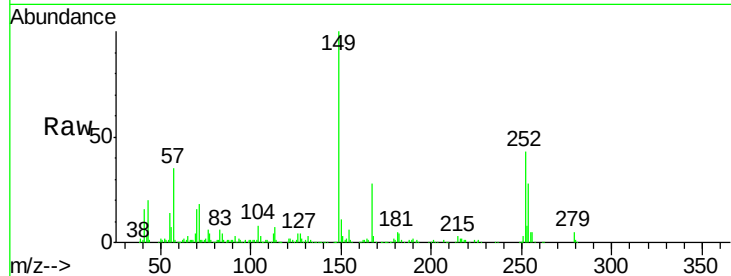




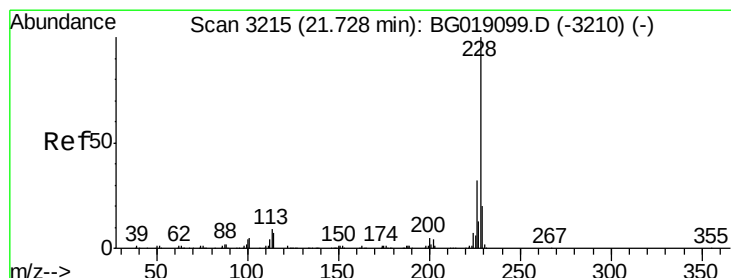
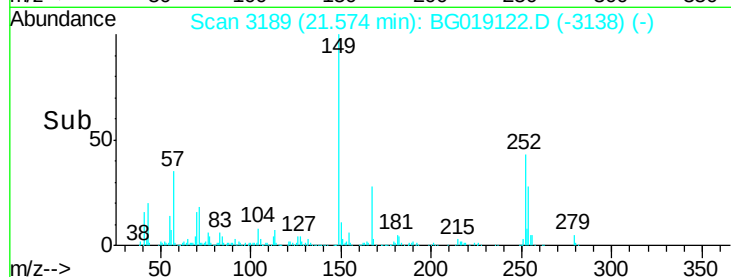
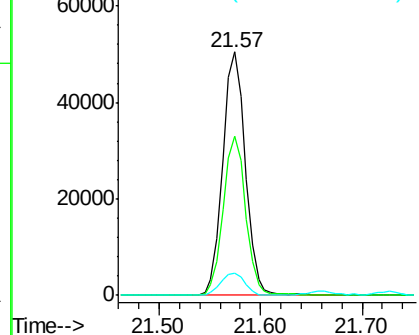
#81
 3,3'-Dichlorobenzidine
 Concen: 23.13 ng
 RT: 21.57 min Scan# 3189
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB85991BS

Tot Ion:252 Resp: 78715
 Ion Ratio Lower Upper
 252 100
 254 65.4 53.9 80.9
 126 9.4 7.0 10.6

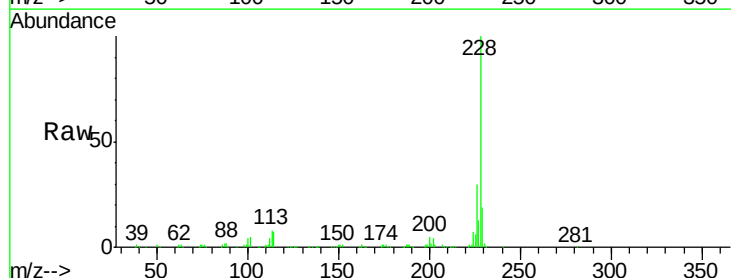


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

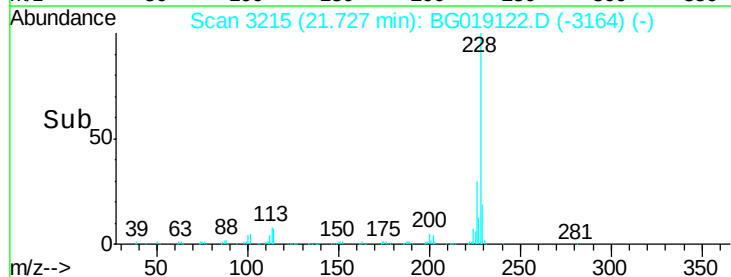
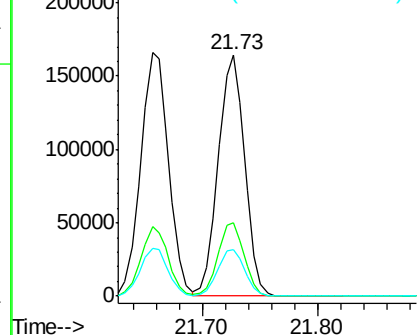


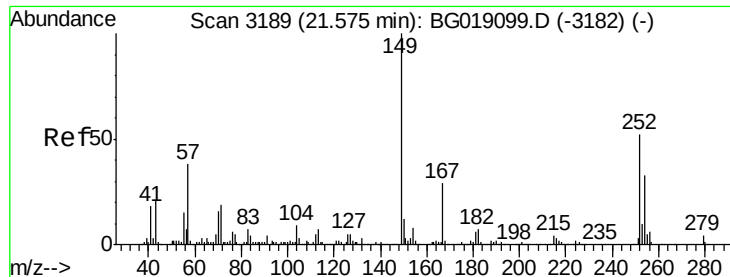
#82
 Chrysene
 Concen: 29.89 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG019122.D
 Acq: 10 Oct 2015 18:05

Tgt Ion:228 Resp: 261002
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.2 37.8
 229 19.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.91 ng

RT: 21.57 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

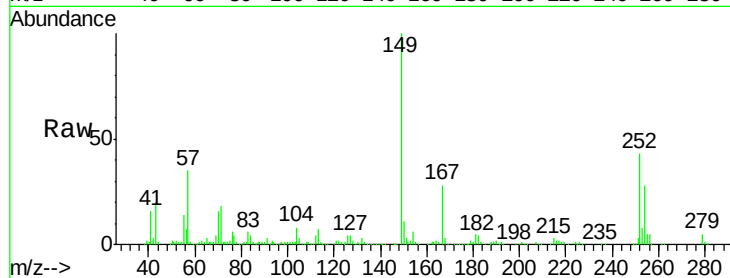
Tot Ion:149 Resp: 162711

Ion Ratio Lower Upper

149 100

167 28.0 22.8 34.2

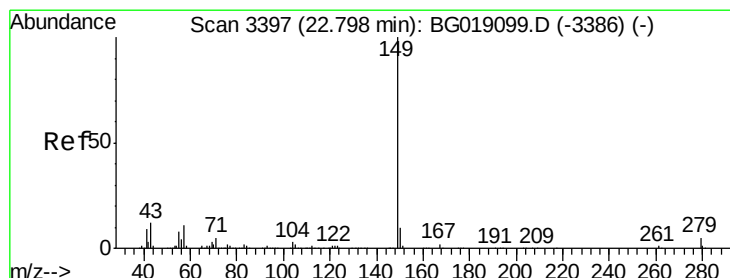
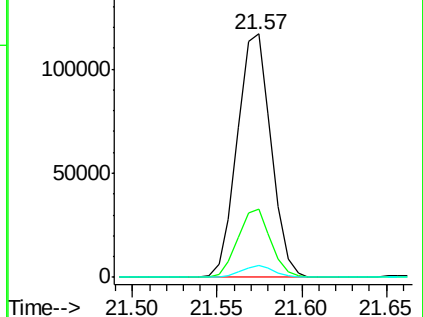
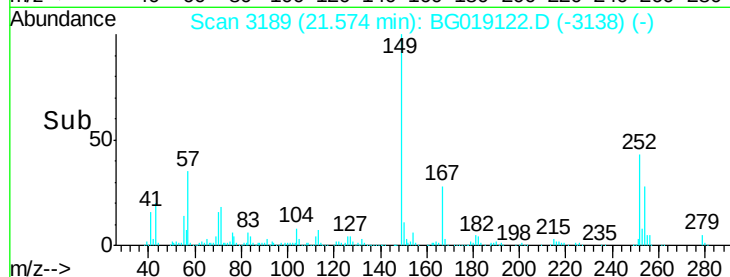
279 4.8 3.6 5.4



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: 29.78 ng

RT: 22.79 min Scan# 3396

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

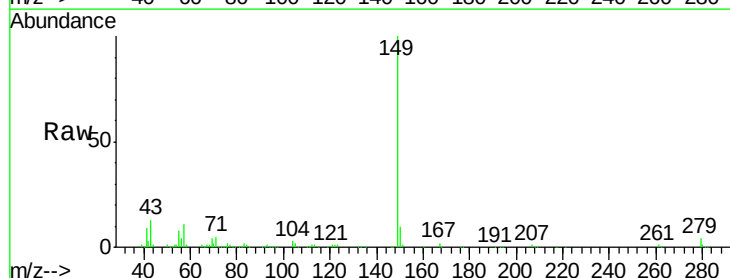
Tgt Ion:149 Resp: 279875

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

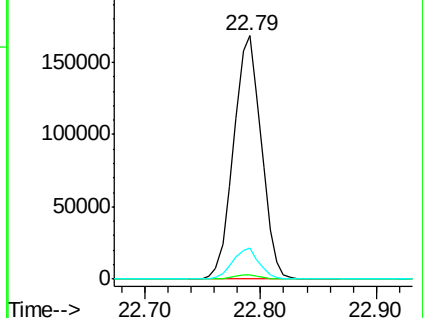
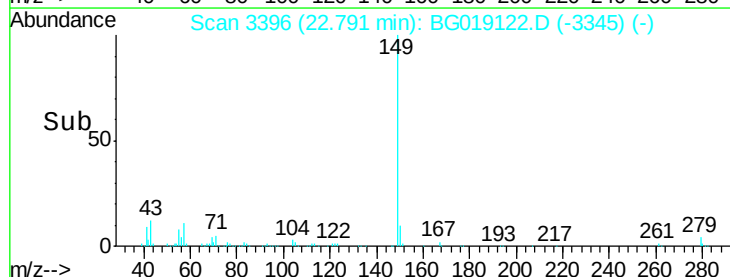
43 12.5 10.1 15.1

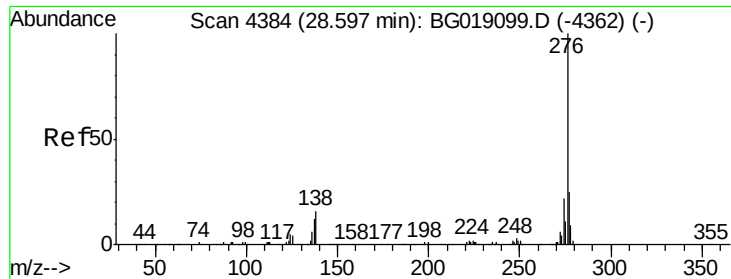


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

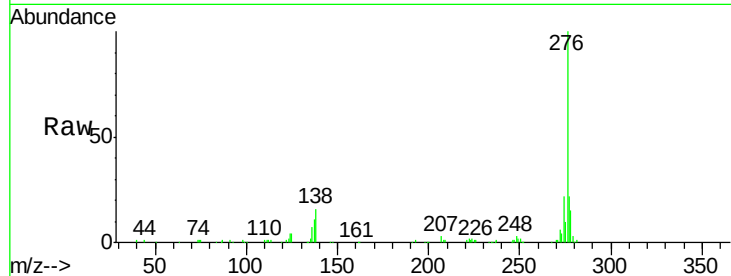




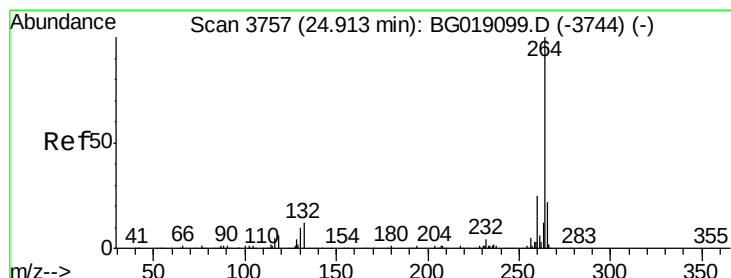
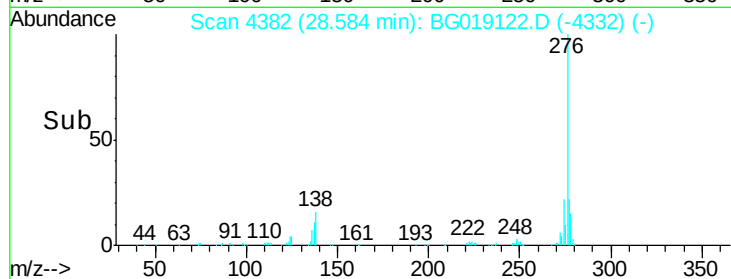
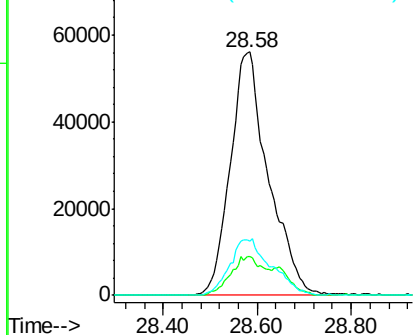
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.74 ng
RT: 28.58 min Scan# 4382
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Instrument :
BNA_G
ClientSampleId :
PB85991BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.2	10.2	15.4
277	25.0	20.2	30.4

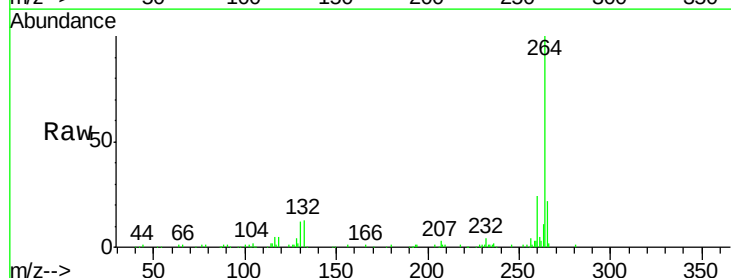


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

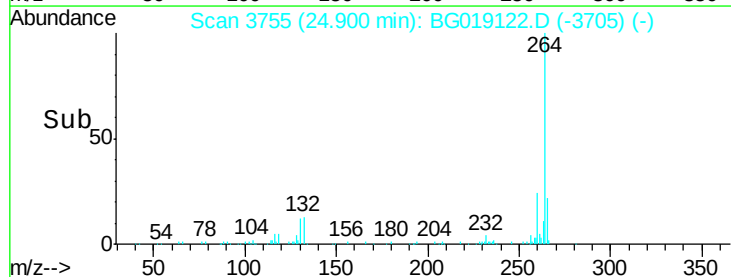
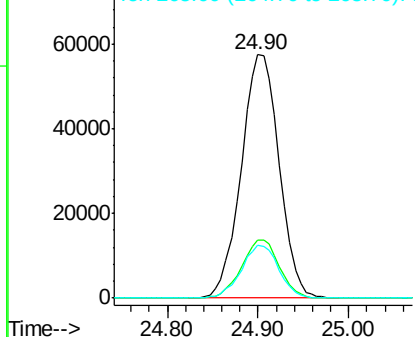


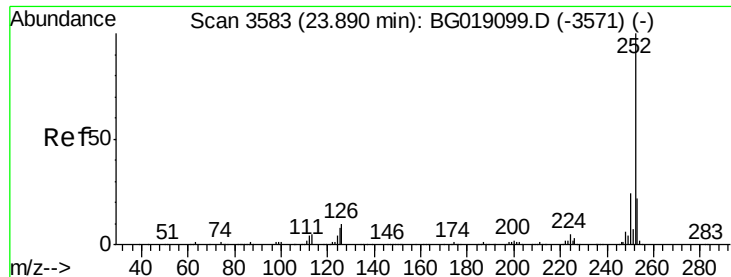
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.01 min
Lab File: BG019122.D
Acq: 10 Oct 2015 18:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.5	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 30.75 ng

RT: 23.88 min Scan# 3581

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

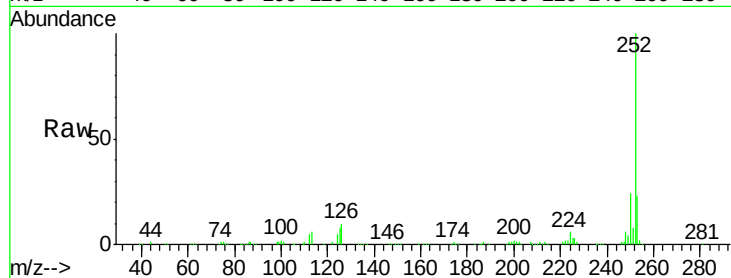
Tot Ion:252 Resp: 275658

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

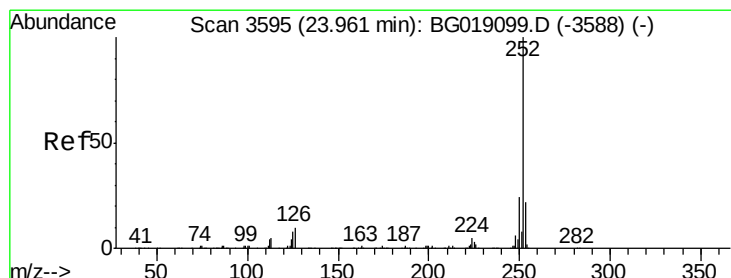
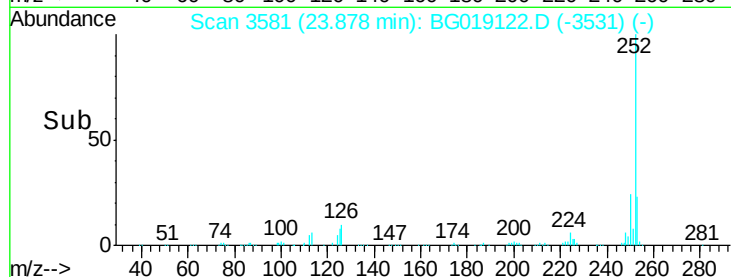
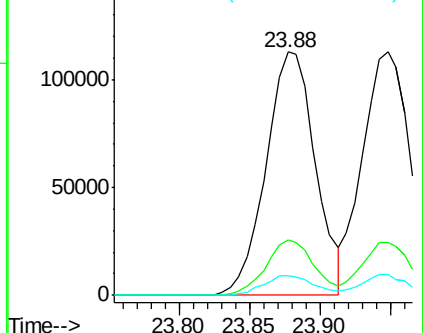
125 8.2 6.6 9.8



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



#88

Benzo(k)fluoranthene

Concen: 30.45 ng

RT: 23.95 min Scan# 3593

Delta R.T. 0.00 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

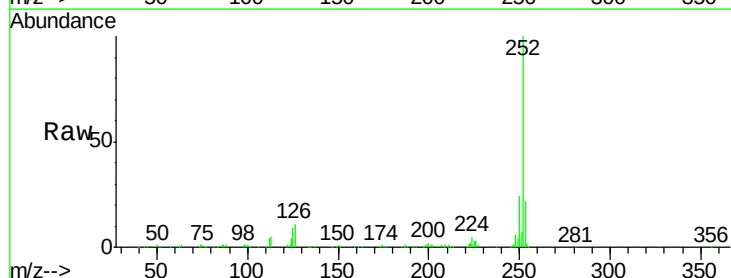
Tgt Ion:252 Resp: 269532

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

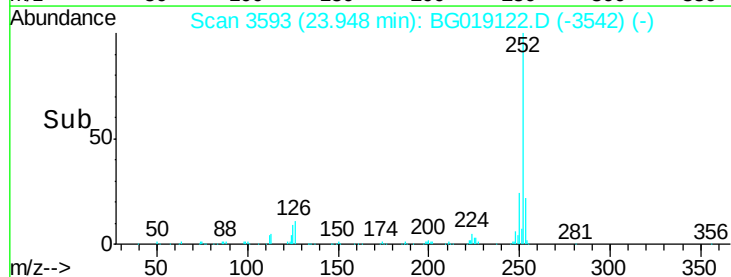
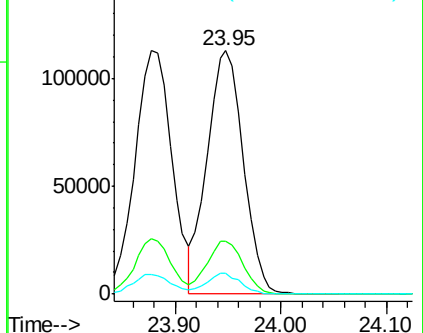
125 8.6 6.4 9.6

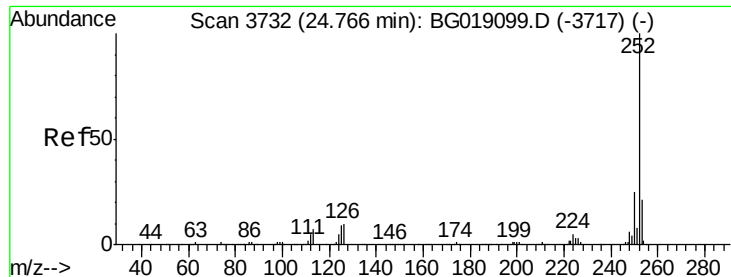


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.24 ng

RT: 24.75 min Scan# 3729

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

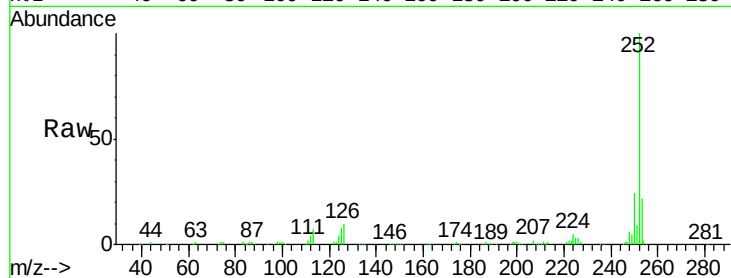
Tot Ion:252 Resp: 264584

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

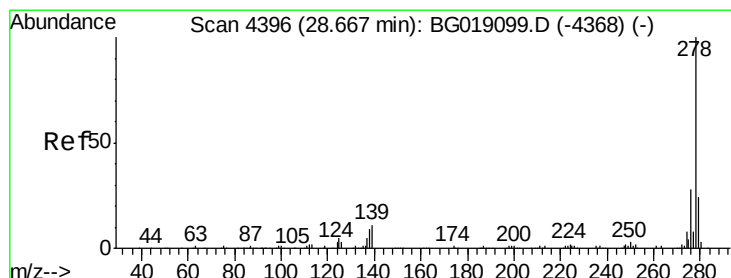
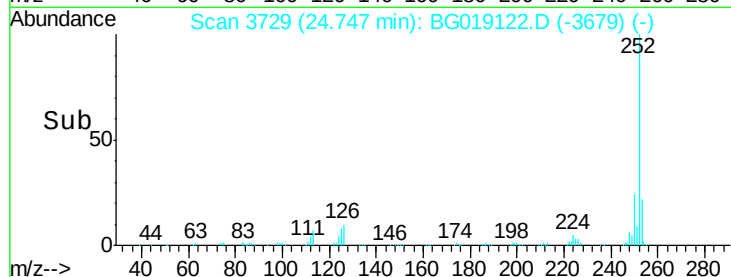
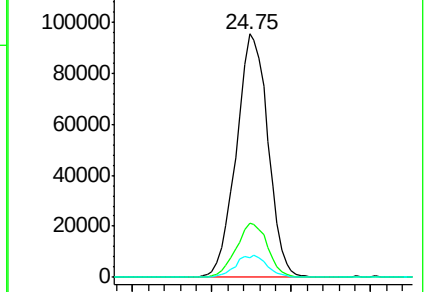
125 8.0 7.2 10.8



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: 30.38 ng

RT: 28.65 min Scan# 4393

Delta R.T. -0.01 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

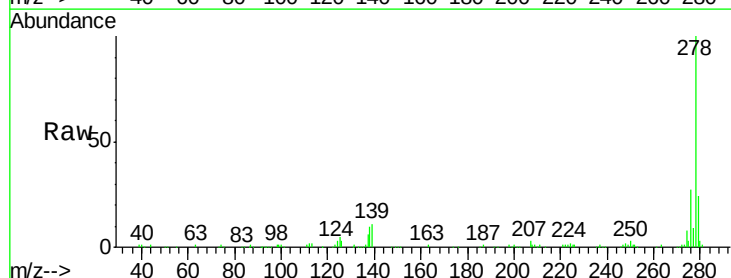
Tgt Ion:278 Resp: 276310

Ion Ratio Lower Upper

278 100

139 11.2 8.6 12.8

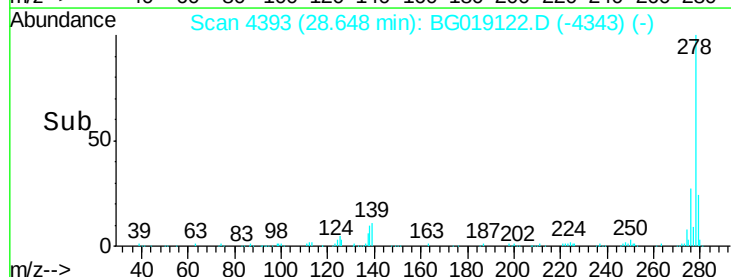
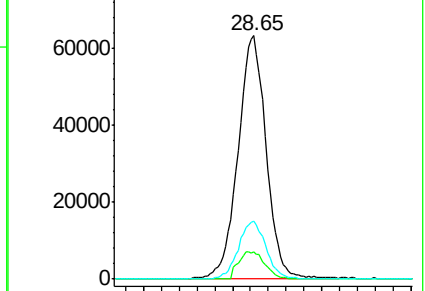
279 24.0 19.5 29.3

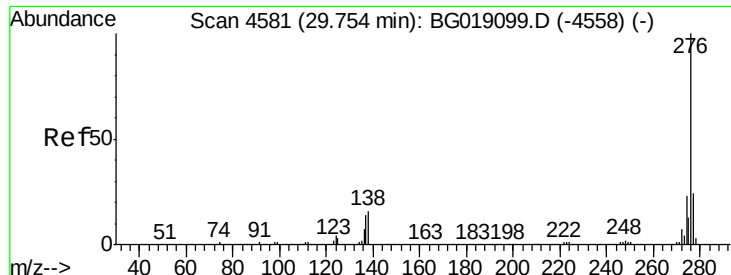


Abundance Ion 278.00 (277.70 to 278.70): E

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: 30.37 ng

RT: 29.73 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG019122.D

Acq: 10 Oct 2015 18:05

Instrument :

BNA_G

ClientSampleId :

PB85991BS

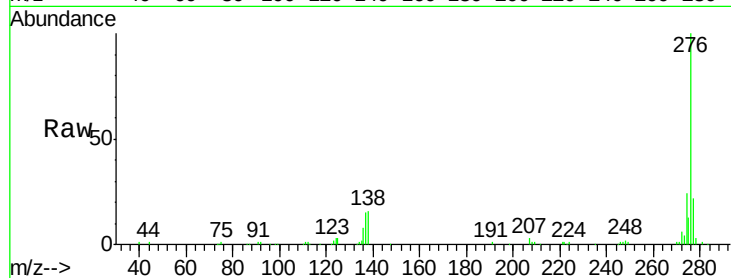
Tot Ion:276 Resp: 256863

Ion Ratio Lower Upper

276 100

277 22.0 19.5 29.3

138 16.3 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

