

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019107.D
 Acq On : 10 Oct 2015 8:35
 Operator : UM/NP
 Sample : PB85978BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Quant Time: Oct 12 05:02:29 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17934	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	78220	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	54057	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	142305	20.00	ng	0.00
75) Chrysene-d12	21.68	240	186376	20.00	ng	0.00
86) Perylene-d12	24.91	264	177842	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	115428	131.05	ng	0.00
7) Phenol-d6	7.20	99	171274	126.58	ng	0.00
23) Nitrobenzene-d5	9.19	82	113313	80.04	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	91729	124.52	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	268237	76.30	ng	0.00
78) Terphenyl-d14	20.02	244	568860	80.63	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	11254	30.38	ng	91
3) Pyridine	3.90	79	35305	31.17	ng	92
4) n-Nitrosodimethylamine	3.81	42	21876	34.07	ng	# 95
6) Aniline	7.36	93	34988	19.10	ng	97
8) 2-Chlorophenol	7.60	128	44415	40.18	ng	97
9) Benzaldehyde	7.17	77	23466	27.53	ng	96
10) Phenol	7.22	94	58444	41.48	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	38748	36.39	ng	99
12) 1,3-Dichlorobenzene	7.92	146	43941	36.42	ng	95
13) 1,4-Dichlorobenzene	8.07	146	43818	35.49	ng	99
14) 1,2-Dichlorobenzene	8.38	146	43774	36.64	ng	98
15) Benzyl Alcohol	8.27	79	43847	36.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	83970	36.82	ng	98
17) 2-Methylphenol	8.47	107	40171	39.92	ng	96
18) Hexachloroethane	9.12	117	16594	35.27	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	35111	32.71	ng	96
20) 3+4-Methylphenols	8.80	107	56152	38.74	ng	99
22) Acetophenone	8.85	105	66171	36.18	ng	# 98
24) Nitrobenzene	9.24	77	54474	36.27	ng	94
25) Isophorone	9.75	82	101878	35.38	ng	98
26) 2-Nitrophenol	9.95	139	23641	36.92	ng	98
27) 2,4-Dimethylphenol	10.01	122	45115	40.31	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	56260	36.61	ng	98
29) 2,4-Dichlorophenol	10.48	162	47982	40.90	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	45246	35.93	ng	95
31) Naphthalene	10.89	128	137908	36.63	ng	97
32) Benzoic acid	10.13	122	20717	32.76	ng	89
33) 4-Chloroaniline	10.99	127	22599	12.92	ng	99
34) Hexachlorobutadiene	11.18	225	31060	35.97	ng	97
35) Caprolactam	11.76	113	9181	21.25	ng	# 81
36) 4-Chloro-3-methylphenol	12.12	107	57353	38.46	ng	99
37) 2-Methylnaphthalene	12.49	142	107132	36.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	57336	36.91	ng	98
40) Hexachlorocyclopentadiene	12.84	237	70959	87.80	ng	98

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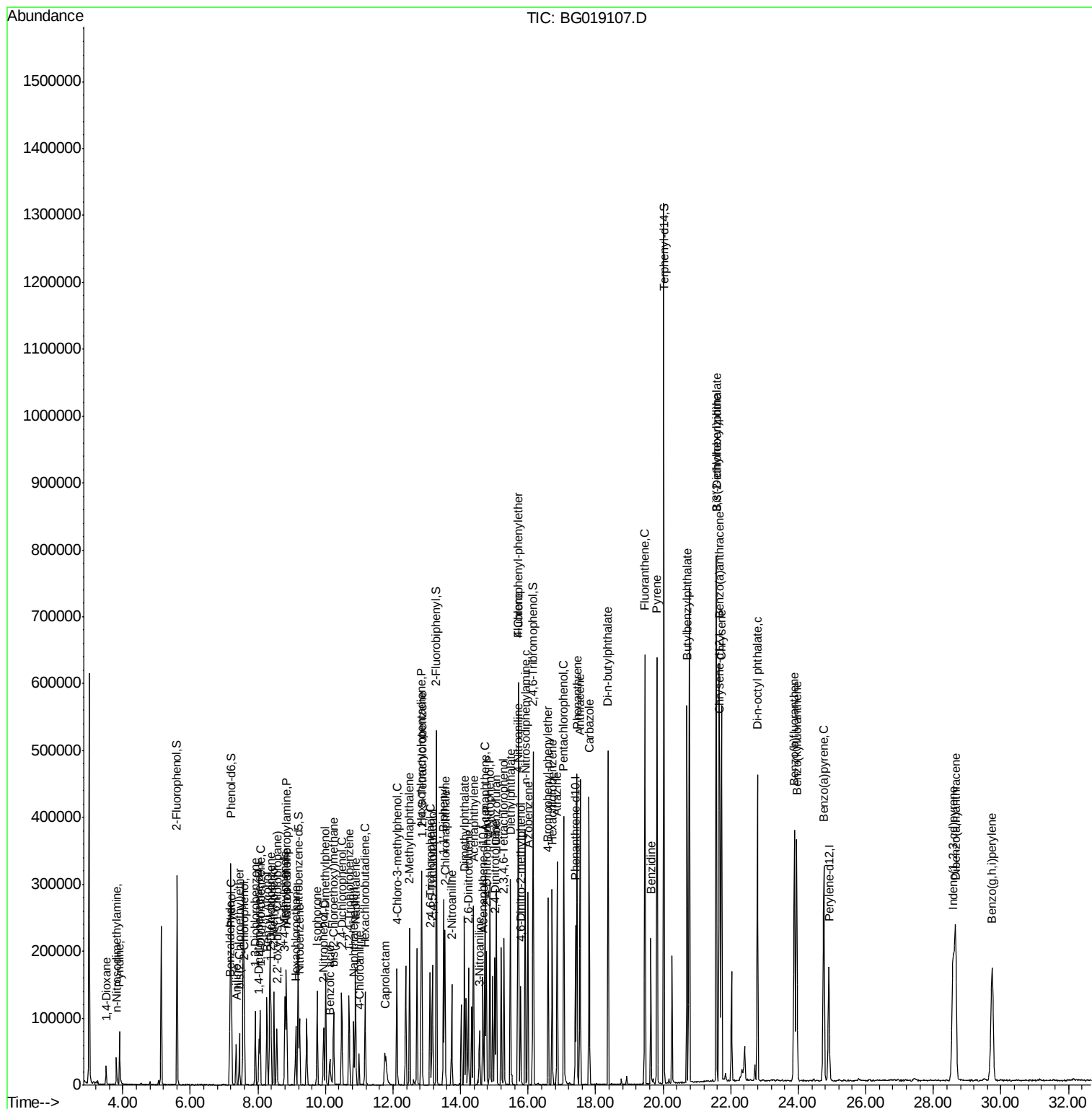
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	40024	37.00	nq	94
43) 2,4,5-Trichlorophenol	13.17	196	44888	39.05	nq	99
45) 1,1'-Biphenyl	13.50	154	141757	36.11	nq	97
46) 2-Chloronaphthalene	13.54	162	110743	36.66	nq	97
47) 2-Nitroaniline	13.74	65	45434	37.46	nq	95
48) Acenaphthylene	14.38	152	192643	36.16	nq	98
49) Dimethylphthalate	14.11	163	156064	36.55	nq	99
50) 2,6-Dinitrotoluene	14.23	165	35033	38.41	nq	96
51) Acenaphthene	14.72	154	111766	34.89	nq	98
52) 3-Nitroaniline	14.56	138	17878	17.76	nq	99
53) 2,4-Dinitrophenol	14.77	184	40840	77.06	nq	90
54) Dibenzofuran	15.06	168	181016	38.24	nq	97
55) 4-Nitrophenol	14.87	139	64405	84.56	nq	98
56) 2,4-Dinitrotoluene	15.02	165	52578	39.65	nq	98
57) Fluorene	15.71	166	154823	37.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	44259	40.67	nq	100
59) Diethylphthalate	15.48	149	166261	37.49	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	77930	37.25	nq	98
61) 4-Nitroaniline	15.72	138	41250	37.72	nq	91
62) Azobenzene	15.99	77	159464	38.77	nq	98
64) 4,6-Dinitro-2-methylphenol	15.78	198	31065	39.98	nq	94
65) n-Nitrosodiphenylamine	15.91	169	142593	36.25	nq	100
66) 4-Bromophenyl-phenylether	16.59	248	53836	37.23	nq	99
67) Hexachlorobenzene	16.72	284	63236	37.24	nq	97
68) Atrazine	16.86	200	64107	39.58	nq	97
69) Pentachlorophenol	17.06	266	76213	86.08	nq	97
70) Phenanthrene	17.45	178	280043	38.24	nq	98
71) Anthracene	17.54	178	288577	39.39	nq	99
72) Carbazole	17.81	167	275990	40.25	nq	97
73) Di-n-butylphthalate	18.37	149	332204	39.55	nq	99
74) Fluoranthene	19.46	202	388514	41.23	nq	99
76) Benzidine	19.64	184	123229	25.77	nq	99
77) Pyrene	19.82	202	397018	38.04	nq	100
79) Butylbenzylphthalate	20.71	149	162296	38.16	nq	98
80) Benzo(a)anthracene	21.66	228	380085	38.04	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	71524	19.35	nq	96
82) Chrysene	21.73	228	344162	36.29	nq	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	222558	37.68	nq	98
84) Di-n-octyl phthalate	22.79	149	381363	37.38	nq	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	423563	36.70	nq	99
87) Benzo(b)fluoranthene	23.88	252	371144	38.81	nq	99
88) Benzo(k)fluoranthene	23.95	252	365382	38.71	nq	98
89) Benzo(a)pyrene	24.76	252	362864	40.17	nq	99
90) Dibenzo(a,h)anthracene	28.66	278	373118	38.47	nq	96
91) Benzo(g,h,i)perylene	29.75	276	346550	38.42	nq	99

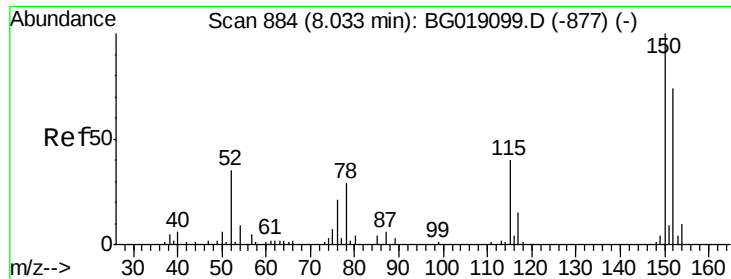
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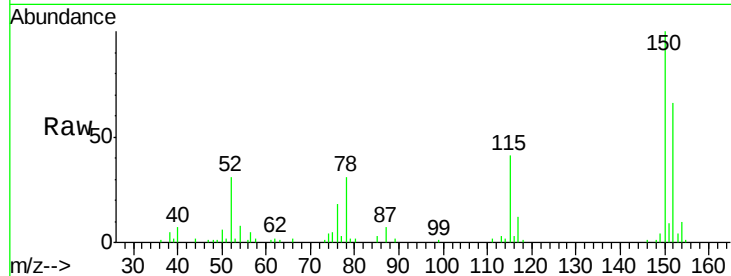


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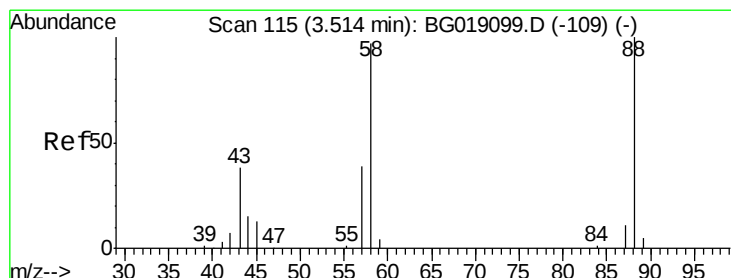
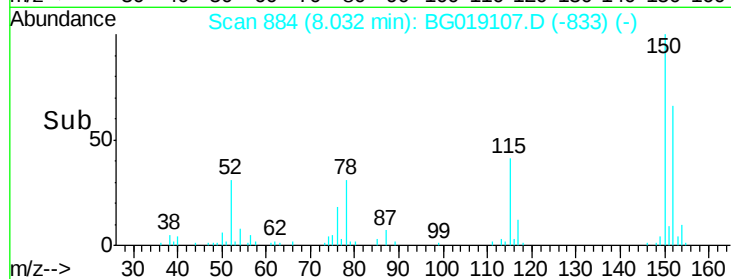
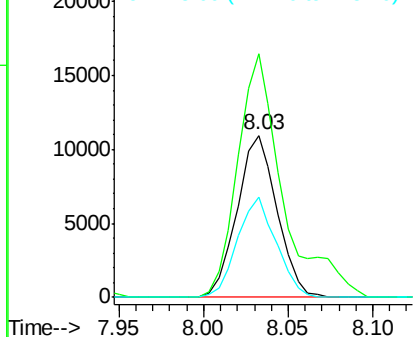
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tot Ion:152 Resp: 17934
Ion Ratio Lower Upper
152 100
150 150.4 108.2 162.2
115 62.2 43.2 64.8



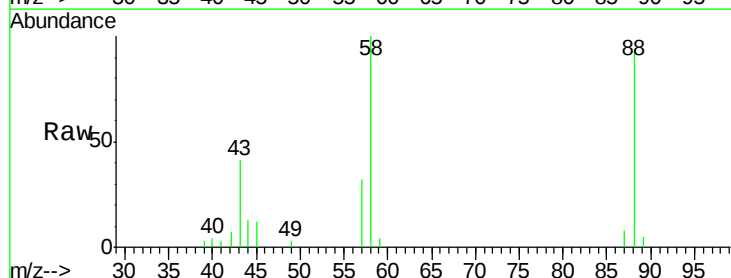
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



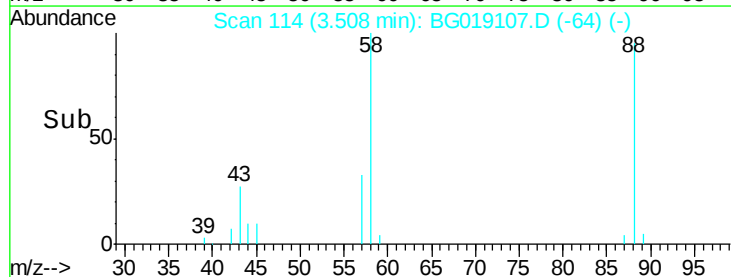
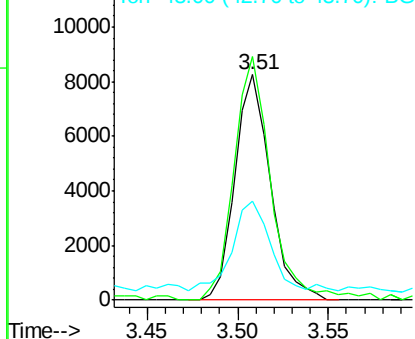
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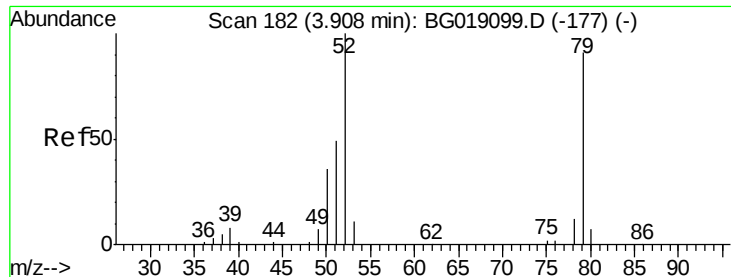
1,4-Dioxane
Concen: 30.38 ng
RT: 3.51 min Scan# 114
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion: 88 Resp: 11254
Ion Ratio Lower Upper
88 100
58 112.3 81.1 121.7
43 41.8 31.0 46.6



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.17 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

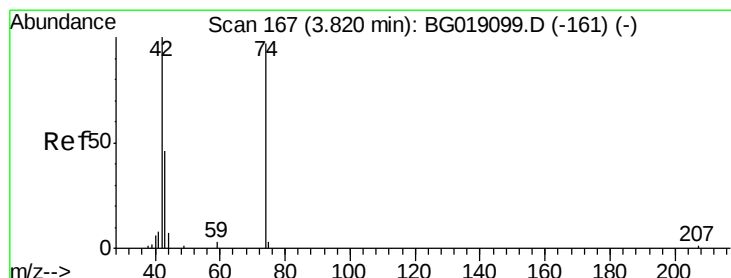
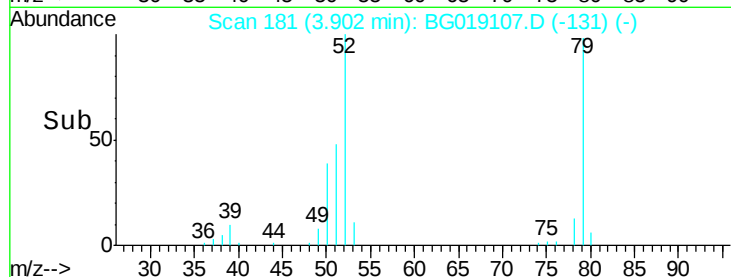
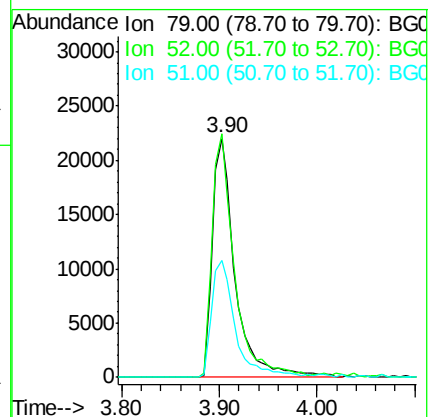
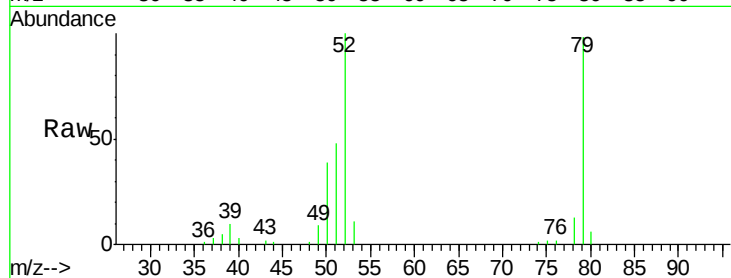
Tot Ion: 79 Resp: 35305

Ion Ratio Lower Upper

79 100

52 102.0 88.3 132.5

51 48.8 44.6 66.8



#4

n-Nitrosodimethylamine

Concen: 34.07 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

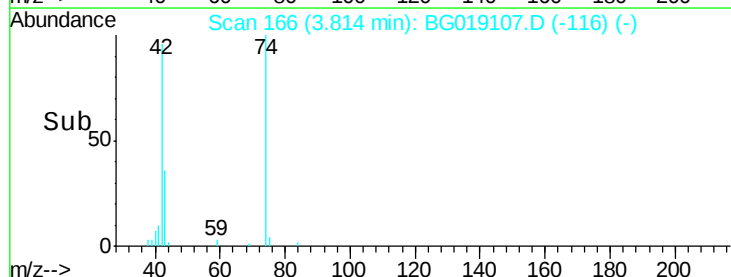
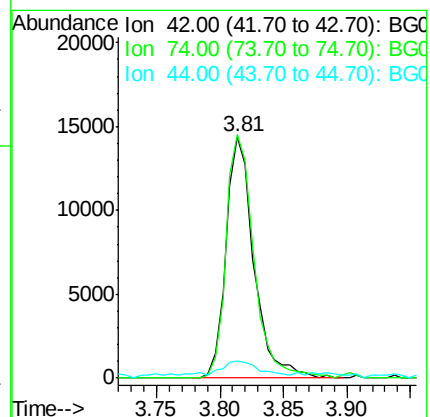
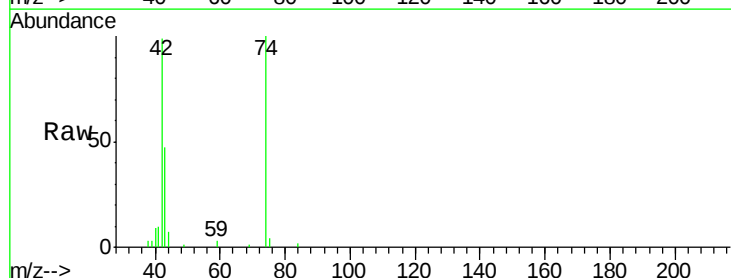
Tgt Ion: 42 Resp: 21876

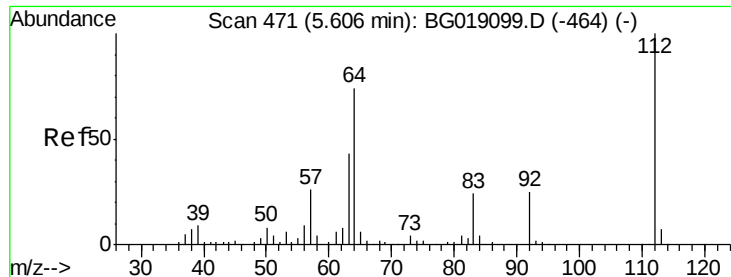
Ion Ratio Lower Upper

42 100

74 101.0 77.3 115.9

44 7.2 7.2 10.8#





#5

2-Fluorophenol

Concen: 131.05 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

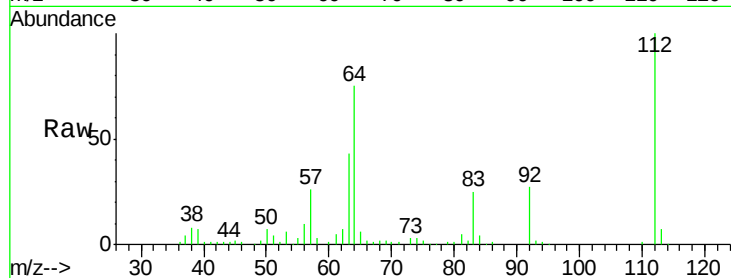
Tot Ion:112 Resp: 115428

Ion Ratio Lower Upper

112 100

64 74.5 59.0 88.4

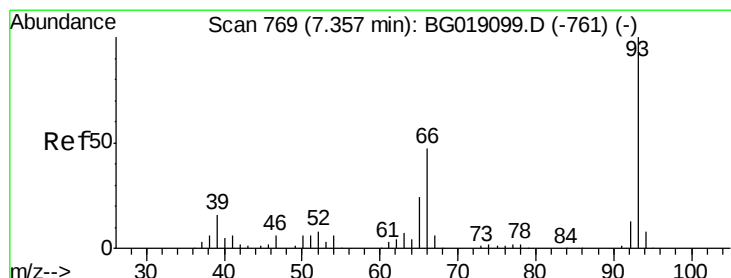
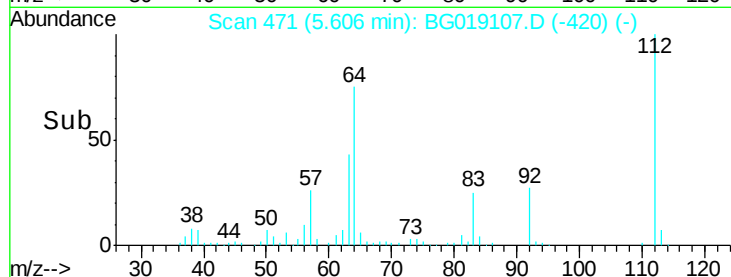
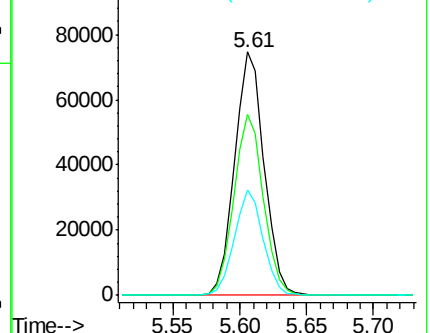
63 43.3 34.7 52.1



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: 19.10 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

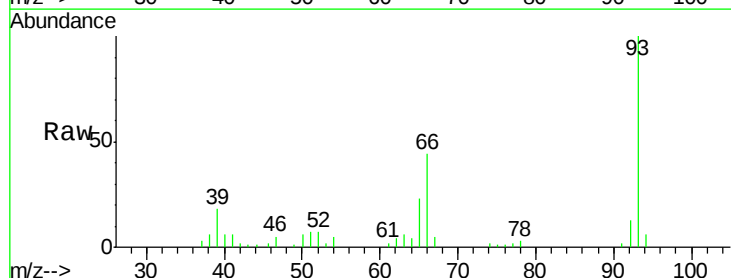
Tgt Ion: 93 Resp: 34988

Ion Ratio Lower Upper

93 100

66 44.2 37.4 56.2

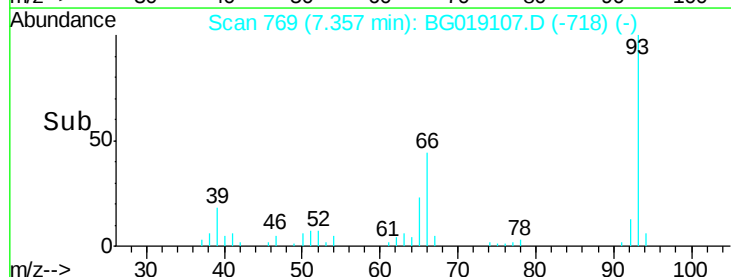
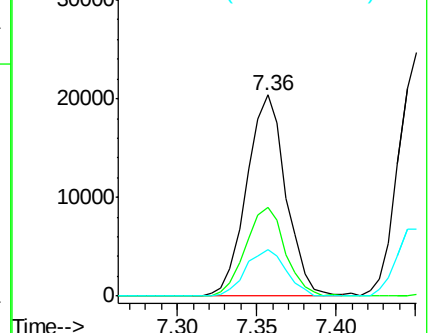
65 23.4 19.6 29.4



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: 126.58 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019107.D

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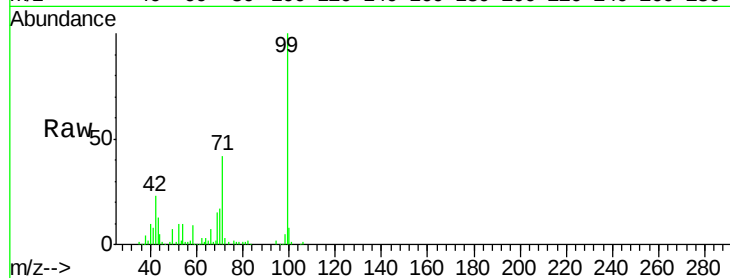
Tot Ion: 99 Resp: 171274

Ion Ratio Lower Upper

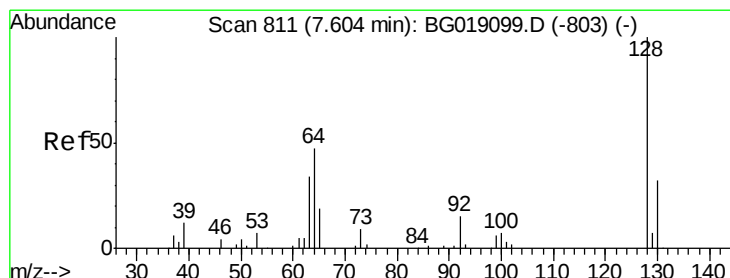
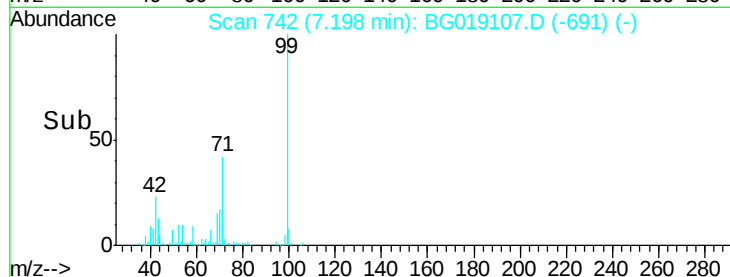
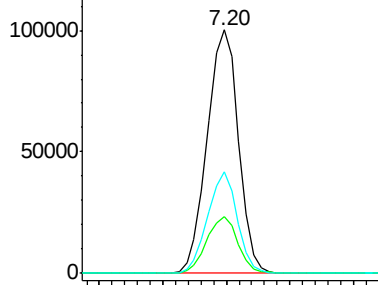
99 100

42 23.3 19.5 29.3

71 41.9 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: 40.18 ng

RT: 7.60 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

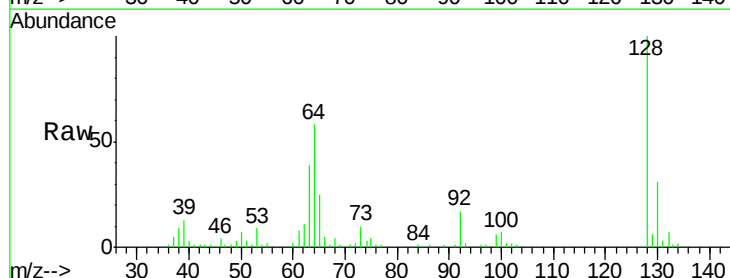
Tgt Ion: 128 Resp: 44415

Ion Ratio Lower Upper

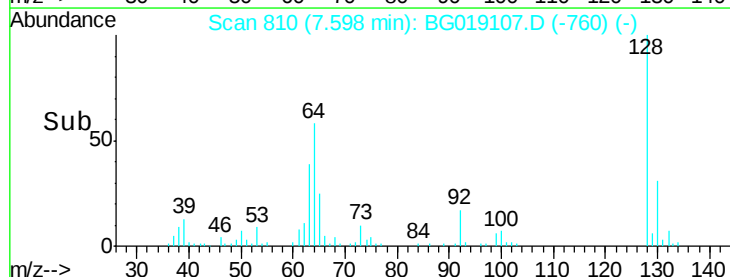
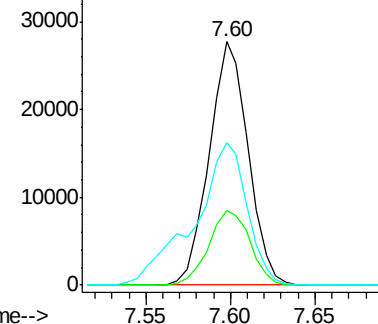
128 100

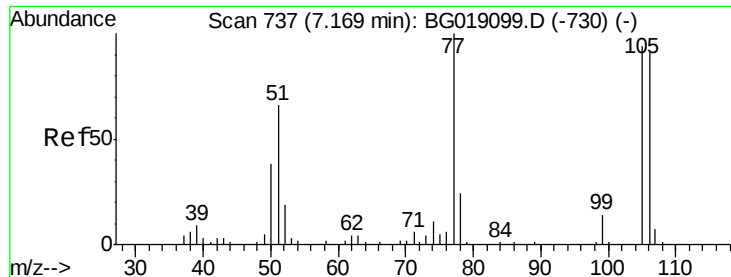
130 30.6 12.3 52.3

64 58.4 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

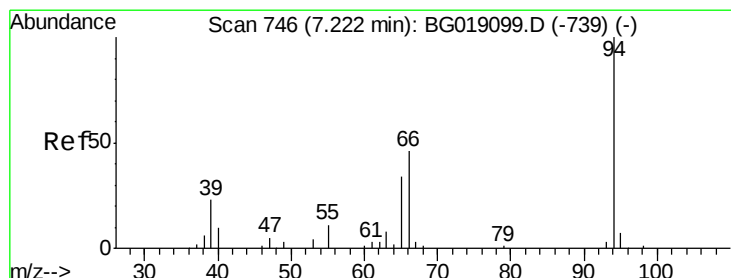
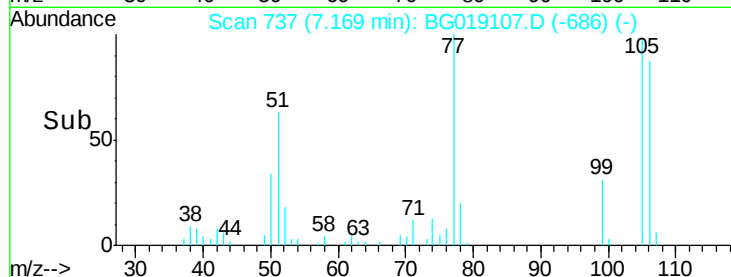
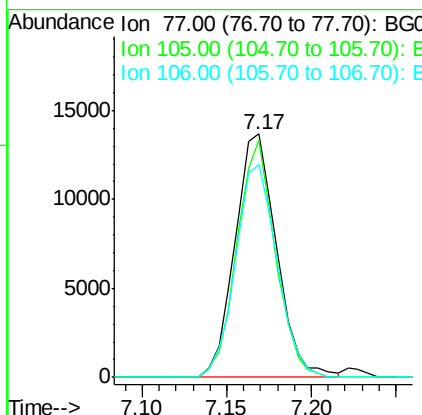
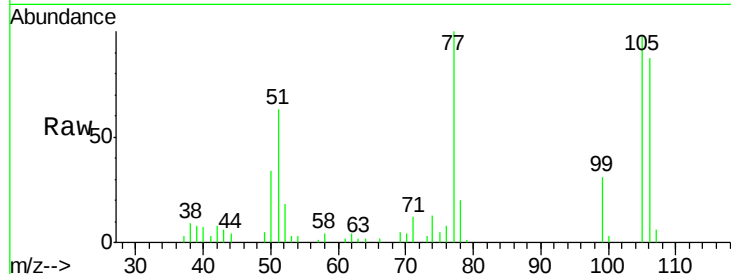




#9
Benzaldehyde
Concen: 27.53 ng
RT: 7.17 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

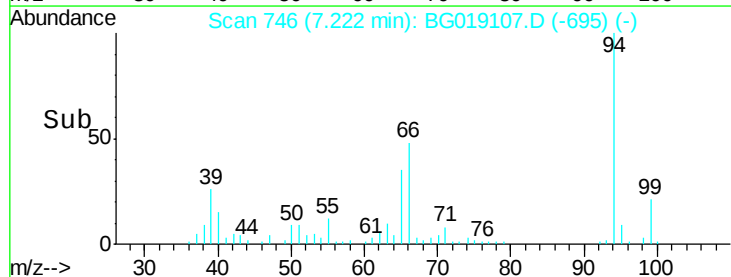
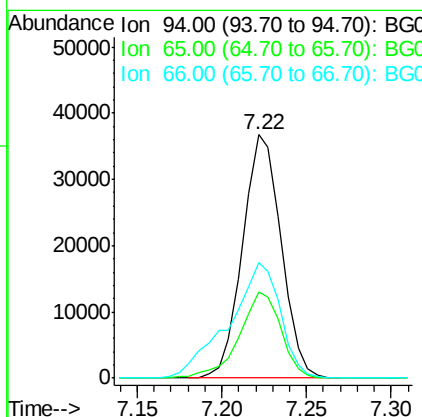
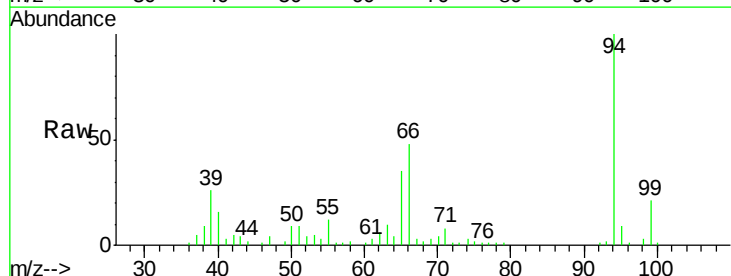
Instrument :
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ClientSampleId :
PB85978BS

Tot Ion: 77 Resp: 23466
Ion Ratio Lower Upper
77 100
105 97.7 73.7 113.7
106 87.2 71.0 111.0



#10
Phenol
Concen: 41.48 ng
RT: 7.22 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion: 94 Resp: 58444
Ion Ratio Lower Upper
94 100
65 35.3 15.2 55.2
66 47.7 28.7 68.7





#11

bis(2-Chloroethyl)ether

Concen: 36.39 ng

RT: 7.45 min Scan# 785

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

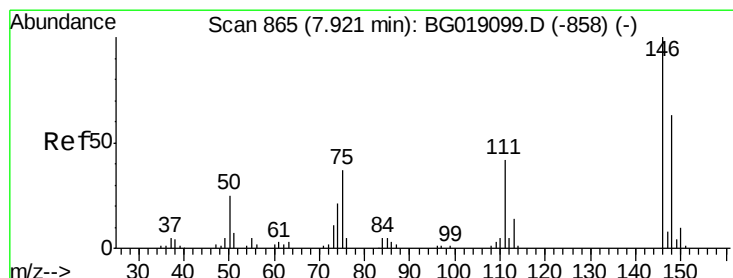
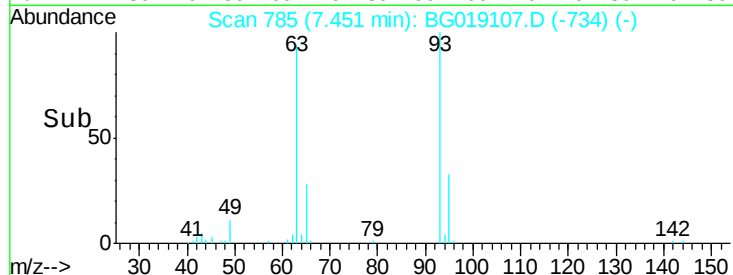
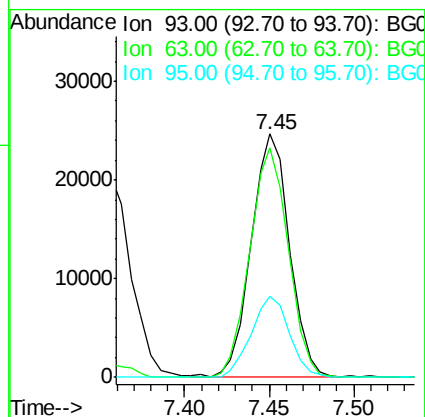
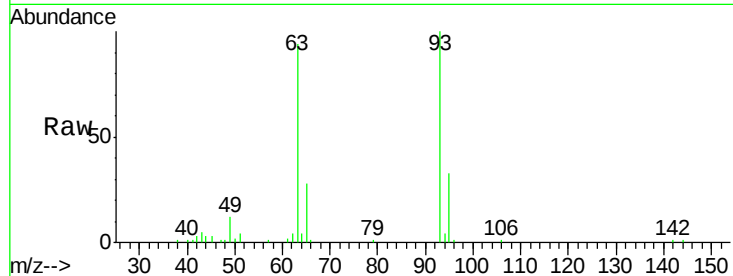
Tot Ion: 93 Resp: 38748

Ion Ratio Lower Upper

93 100

63 94.3 75.3 115.3

95 33.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 36.42 ng

RT: 7.92 min Scan# 865

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

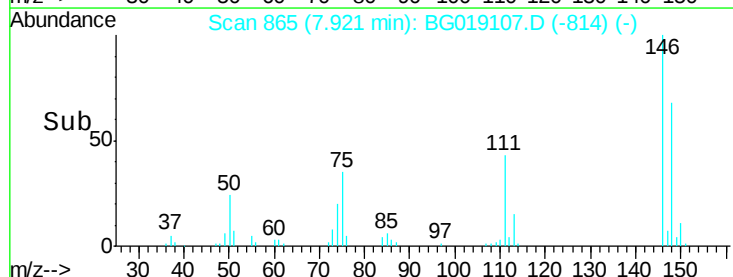
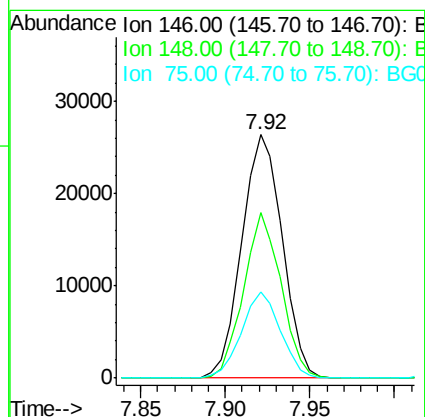
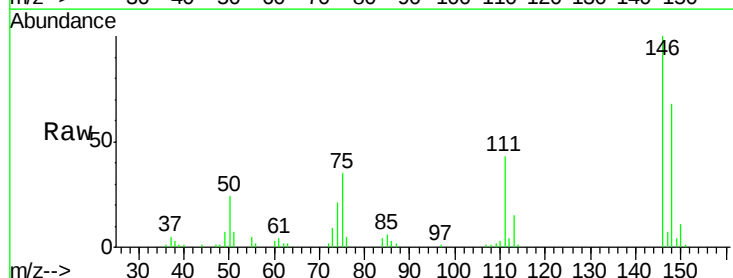
Tgt Ion: 146 Resp: 43941

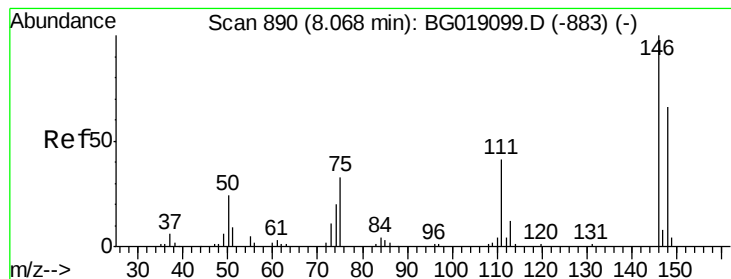
Ion Ratio Lower Upper

146 100

148 67.8 50.2 75.4

75 35.2 29.3 43.9





#13

1,4-Dichlorobenzene

Concen: 35.49 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

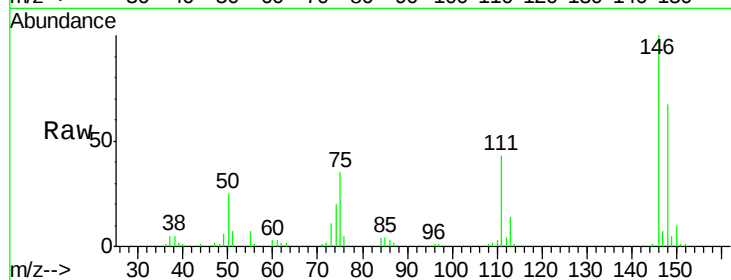
Tot Ion:146 Resp: 43818

Ion Ratio Lower Upper

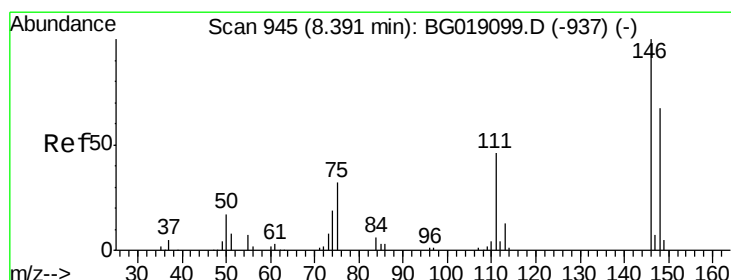
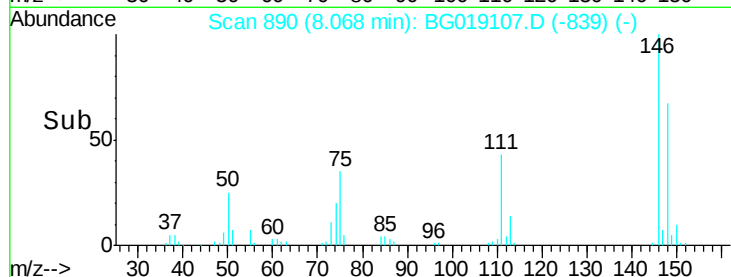
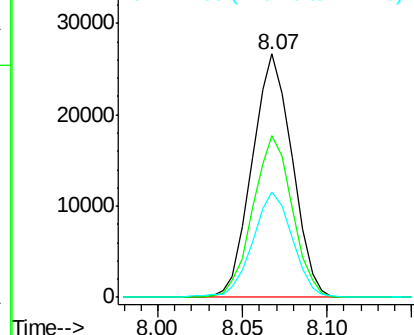
146 100

148 66.7 52.9 79.3

111 43.1 33.1 49.7



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



#14

1,2-Dichlorobenzene

Concen: 36.64 ng

RT: 8.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

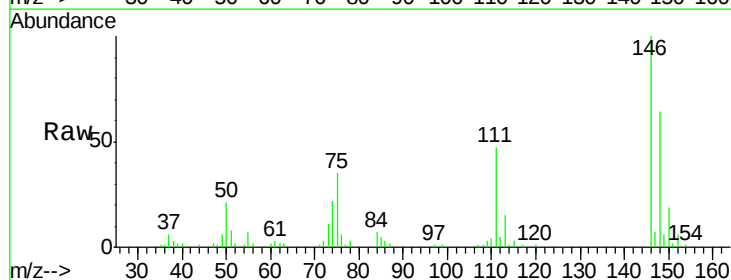
Tgt Ion:146 Resp: 43774

Ion Ratio Lower Upper

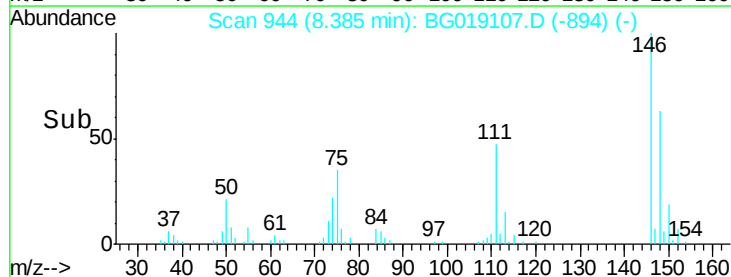
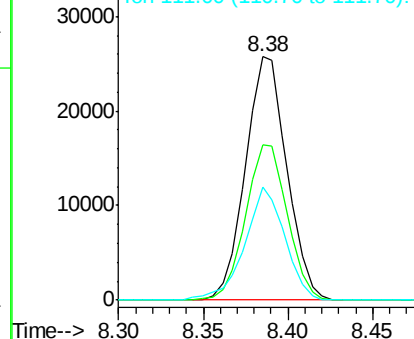
146 100

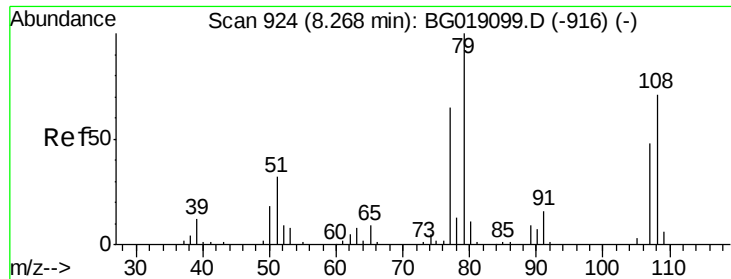
148 63.7 53.6 80.4

111 46.6 37.3 55.9



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





#15

Benzyl Alcohol

Concen: 36.27 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

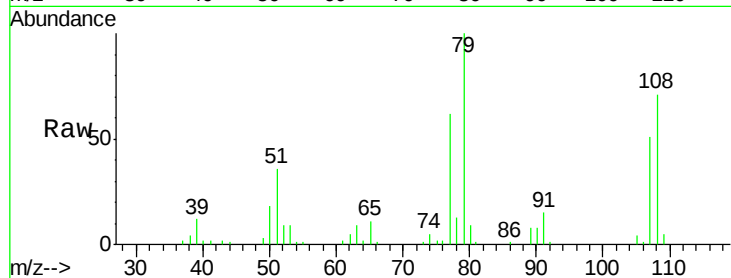
Tot Ion: 79 Resp: 43847

Ion Ratio Lower Upper

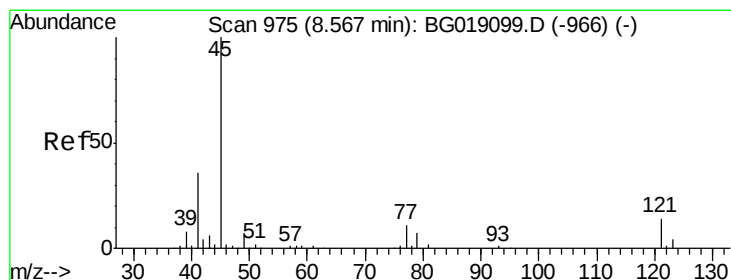
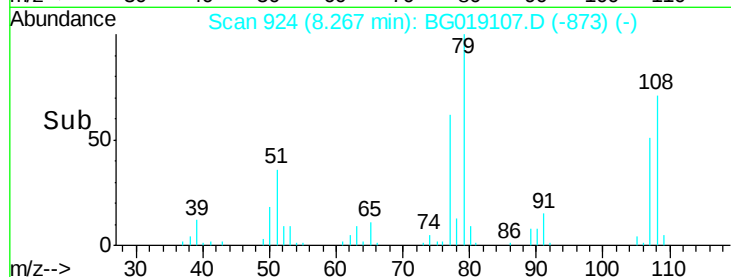
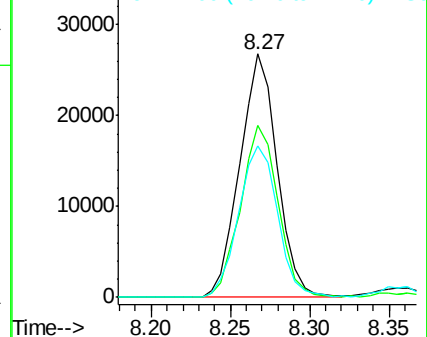
79 100

108 70.6 56.6 84.8

77 62.0 51.6 77.4



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.82 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

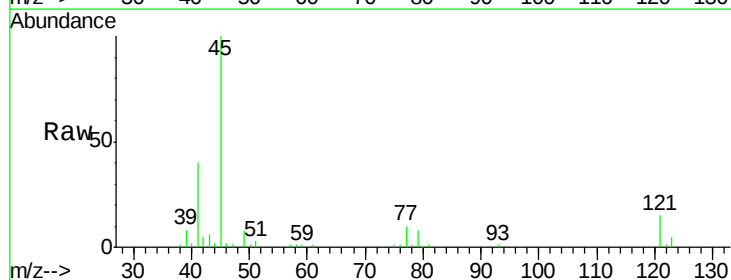
Tgt Ion: 45 Resp: 83970

Ion Ratio Lower Upper

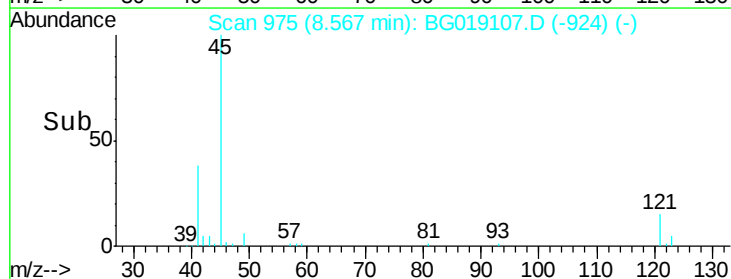
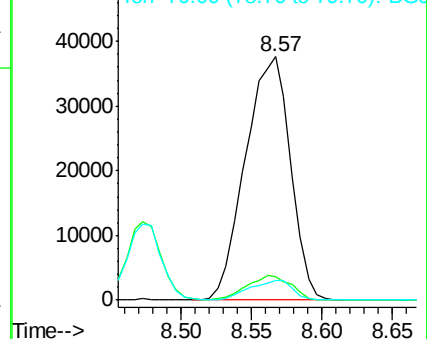
45 100

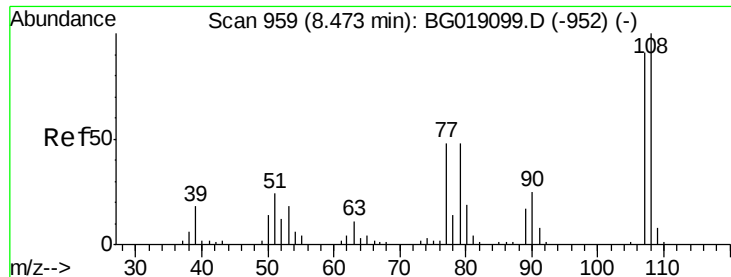
77 9.8 0.0 30.8

79 7.8 0.0 27.5



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

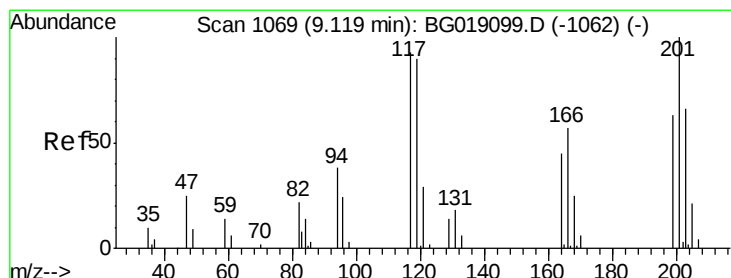
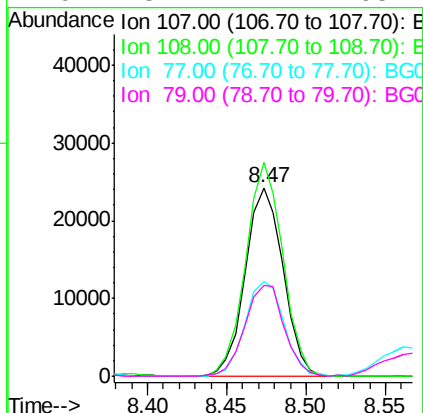
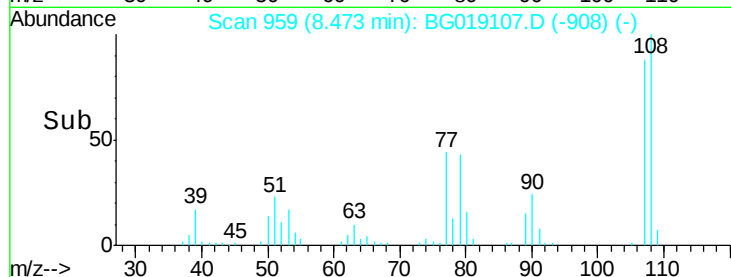
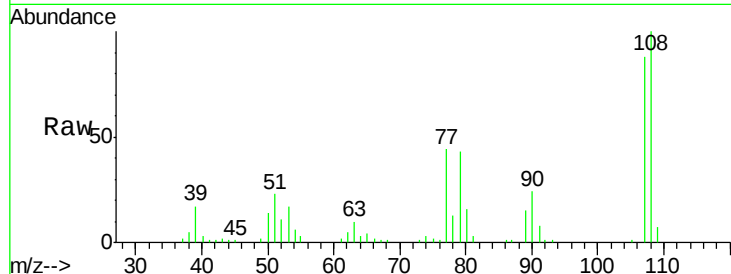




#17
2-Methylphenol
Concen: 39.92 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

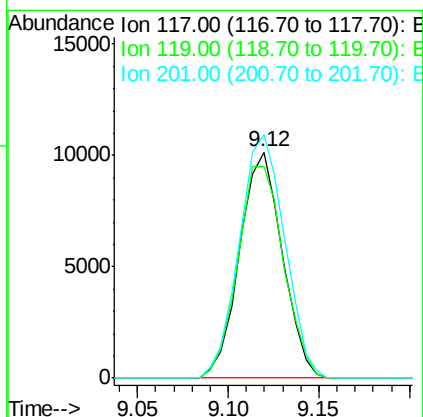
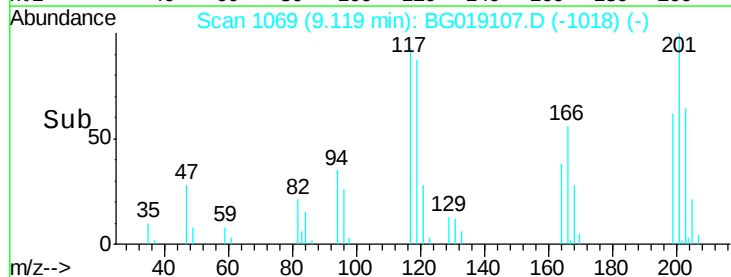
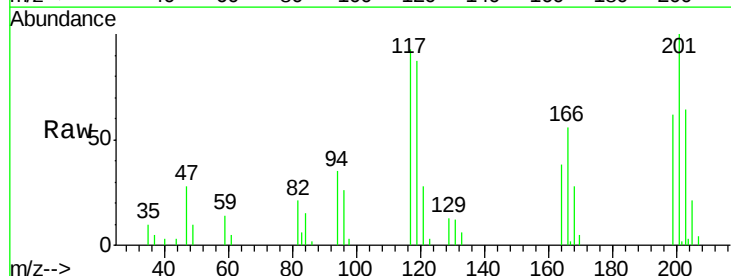
Instrument :
BNA_G
ClientSampleId :
PB85978BS

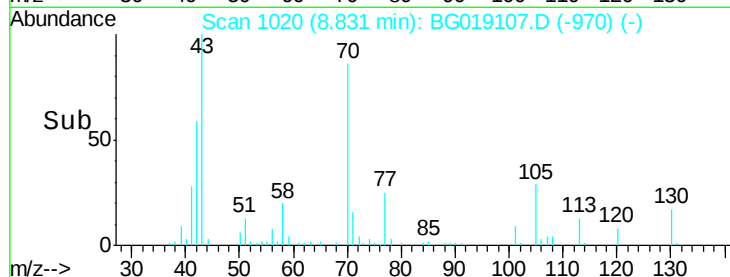
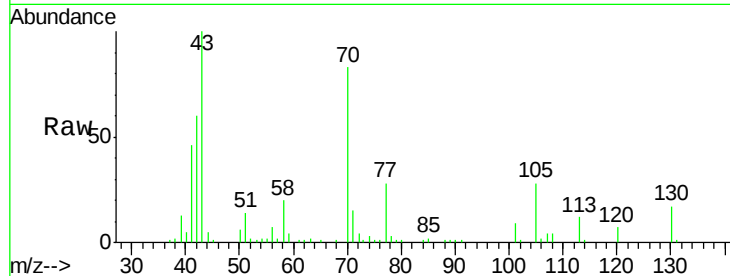
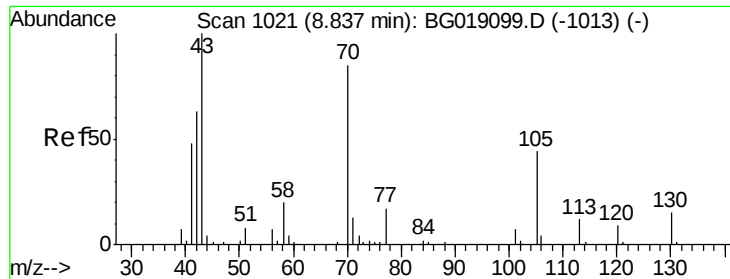
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	87.7	131.5
77	50.4	42.2	63.2
79	48.4	42.1	63.1



#18
Hexachloroethane
Concen: 35.27 ng
RT: 9.12 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.0	115.4
201	107.7	85.6	128.4

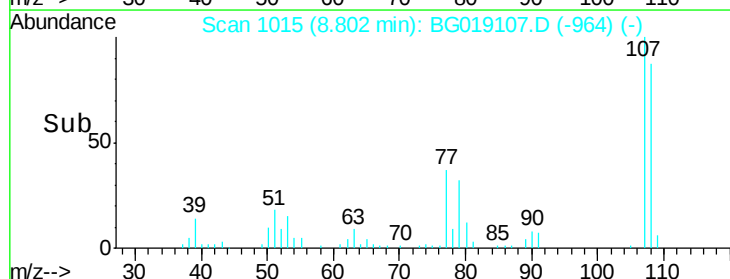
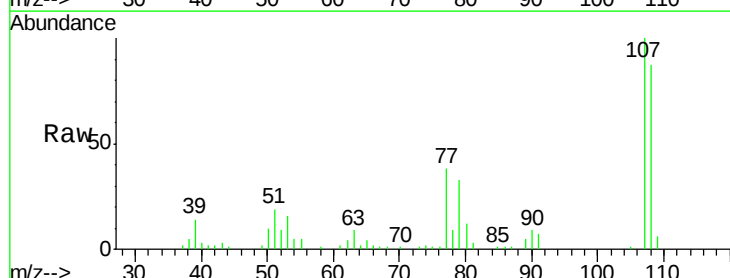
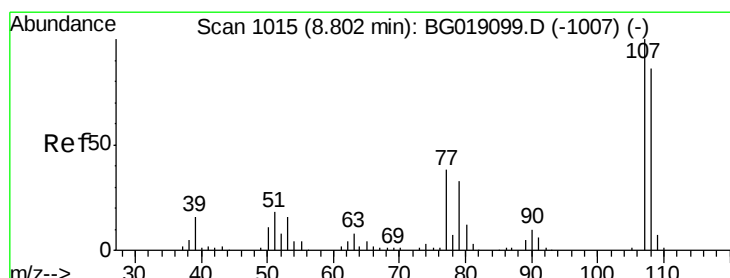
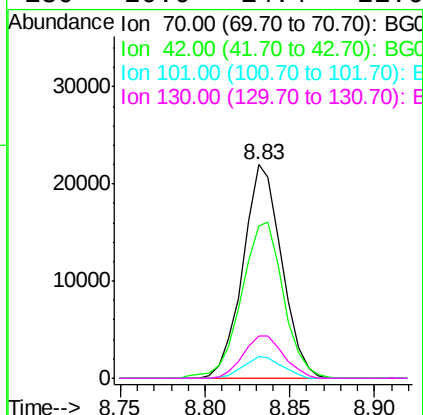




#19
n-Nitroso-di-n-propylamine
Concen: 32.71 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

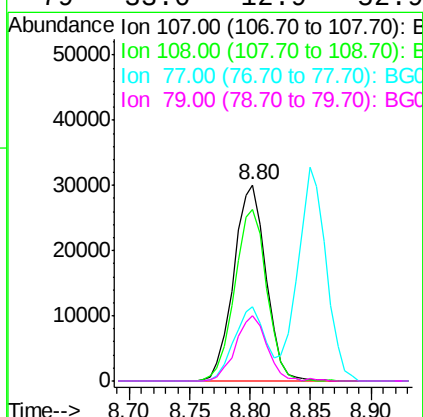
Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tot Ion:	70	Resp:	35111
Ion	Ratio	Lower	Upper
70	100		
42	71.5	59.8	89.8
101	10.4	7.0	10.4
130	20.0	14.4	21.6



#20
3+4-Methylphenols
Concen: 38.74 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:	107	Resp:	56152
Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.2	106.2
77	37.6	17.8	57.8
79	33.0	12.9	52.9

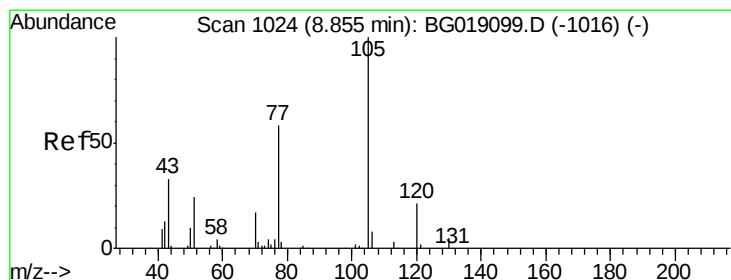
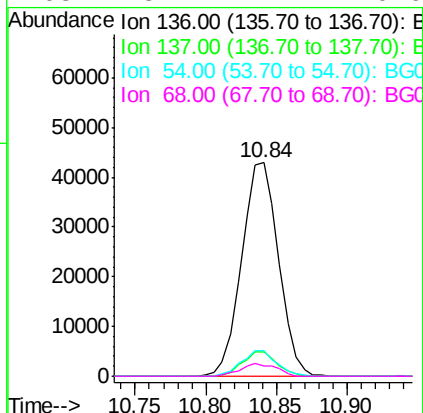
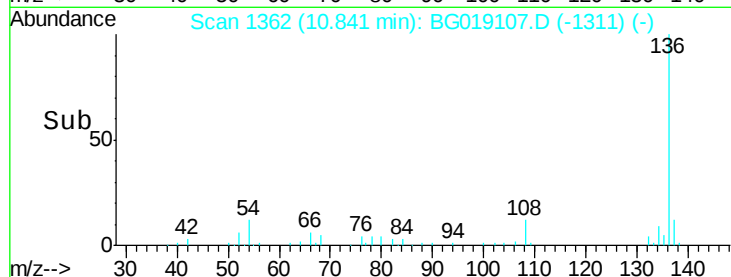
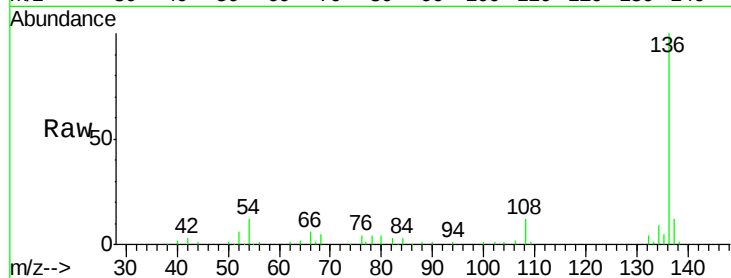




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

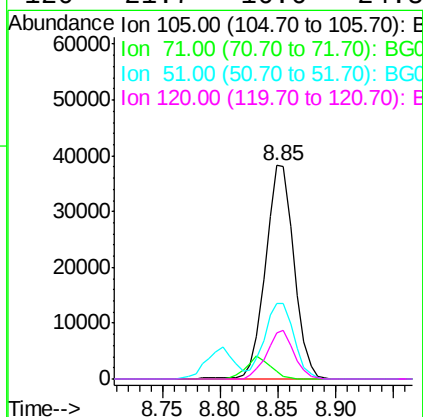
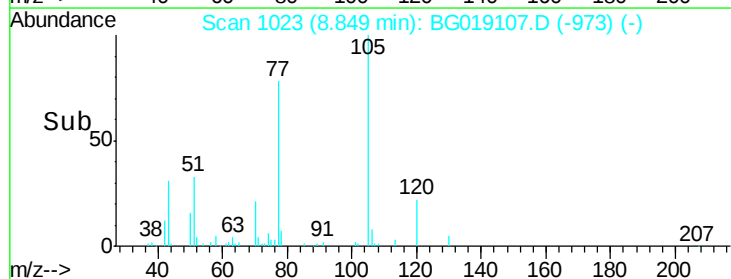
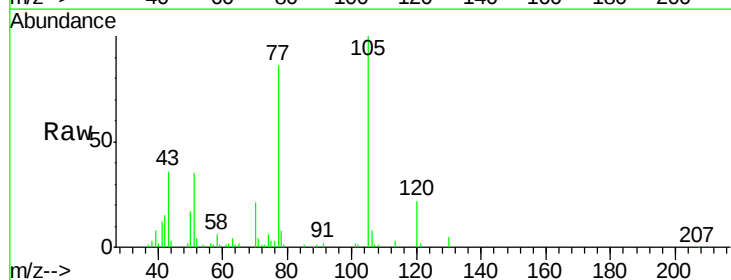
Instrument :
BNA_G
ClientSampleId :
PB85978BS

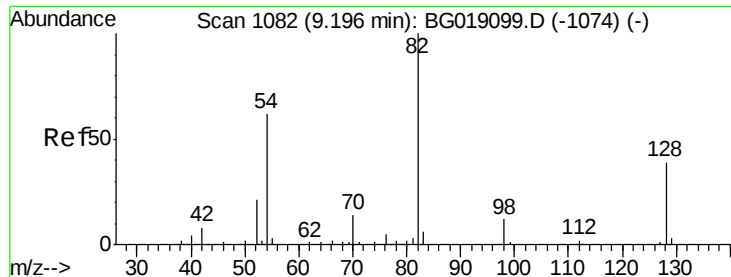
Tot Ion:136	Resp:	78220
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.4
54	11.8	10.1 15.1
68	5.1	4.4 6.6



#22
Acetophenone
Concen: 36.18 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:105	Resp:	66171
Ion Ratio	Lower	Upper
105	100	
71	3.6	2.2 3.2#
51	35.3	29.2 43.8
120	21.7	16.6 24.8

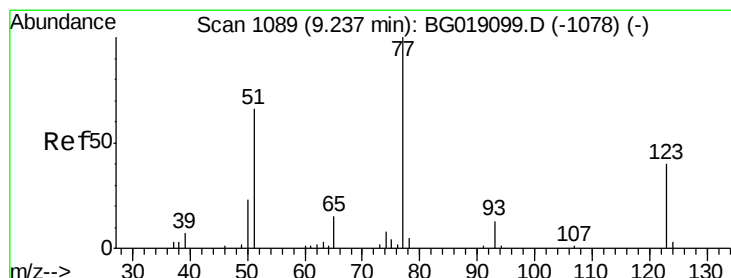
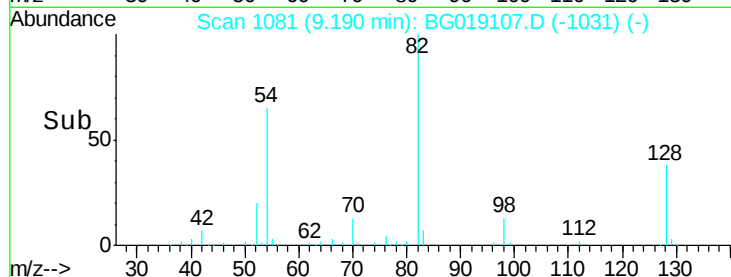
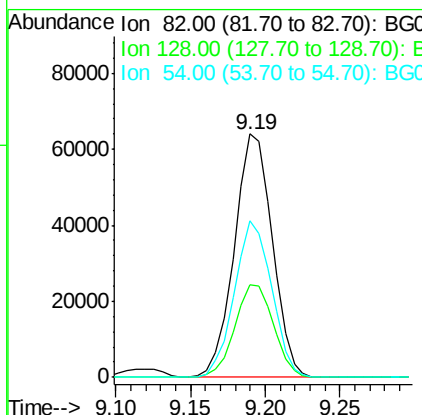
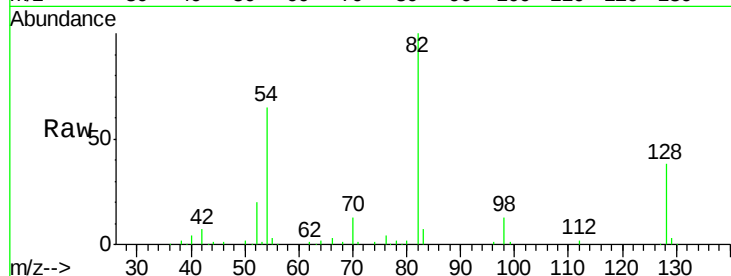




#23
Nitrobenzene-d5
Concen: 80.04 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

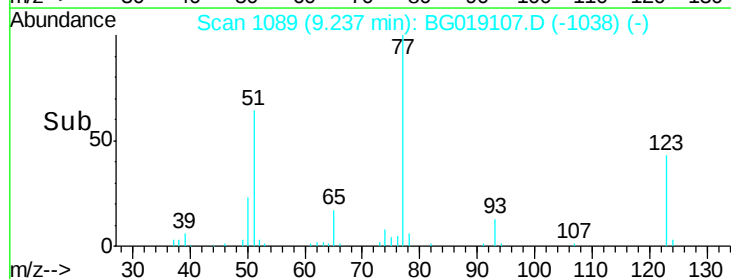
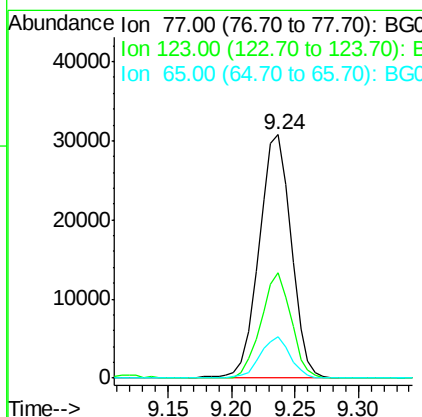
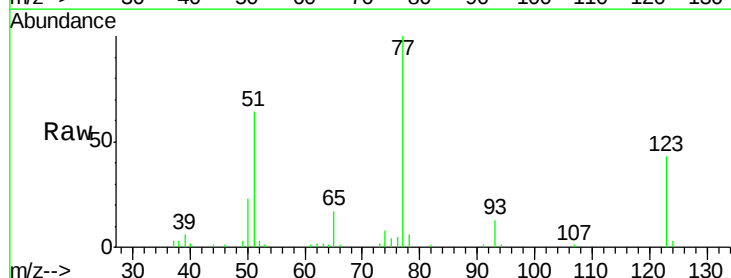
Instrument :
BNA_G
ClientSampleId :
PB85978BS

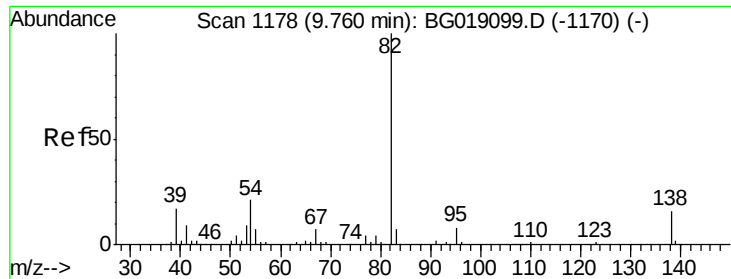
Tot Ion: 82 Resp: 113313
Ion Ratio Lower Upper
82 100
128 38.2 31.4 47.2
54 64.5 50.0 75.0



#24
Nitrobenzene
Concen: 36.27 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion: 77 Resp: 54474
Ion Ratio Lower Upper
77 100
123 43.3 31.8 47.6
65 17.1 11.8 17.6

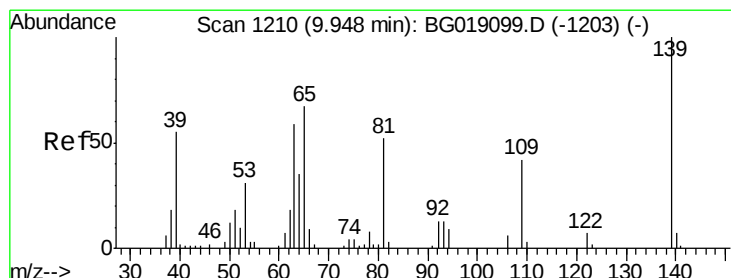
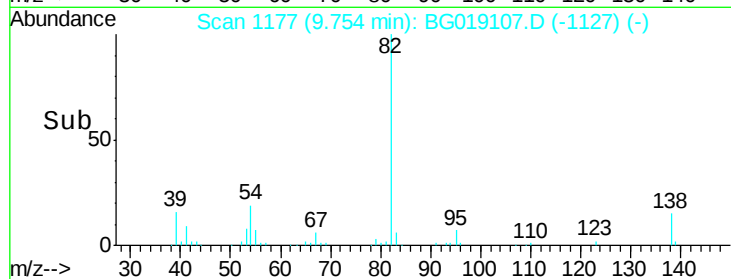
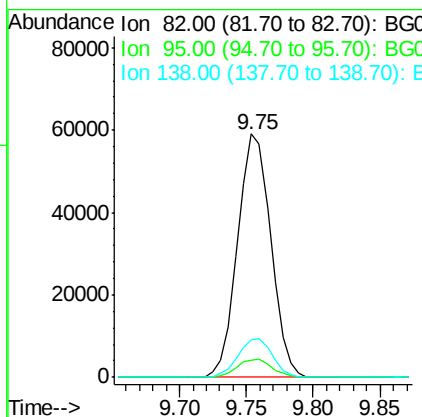
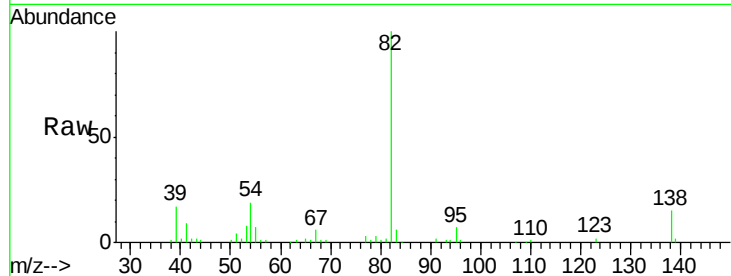




#25
Isophorone
Concen: 35.38 ng
RT: 9.75 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

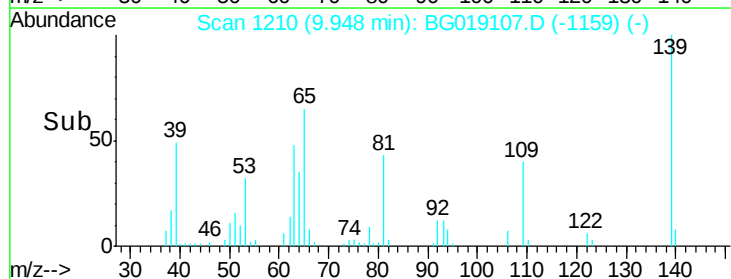
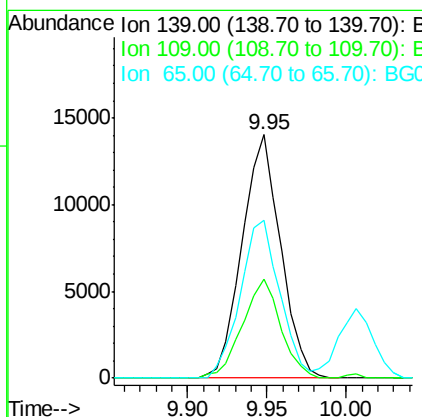
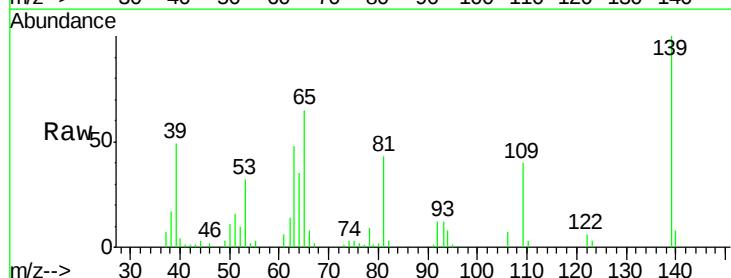
Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tot Ion: 82 Resp: 101878
Ion Ratio Lower Upper
82 100
95 7.1 6.7 10.1
138 15.4 12.6 19.0



#26
2-Nitrophenol
Concen: 36.92 ng
RT: 9.95 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion: 139 Resp: 23641
Ion Ratio Lower Upper
139 100
109 40.5 33.3 49.9
65 65.1 53.6 80.4

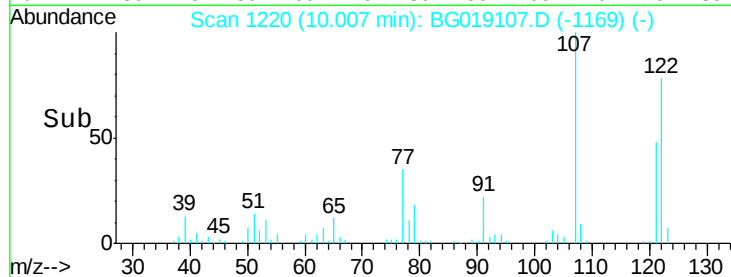
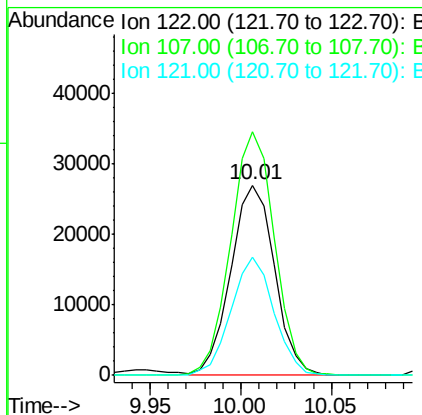
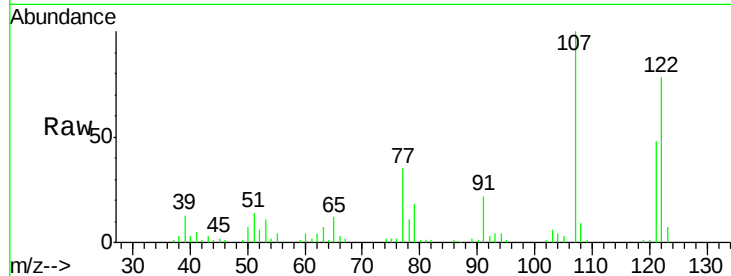




#27
 2,4-Dimethylphenol
 Concen: 40.31 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

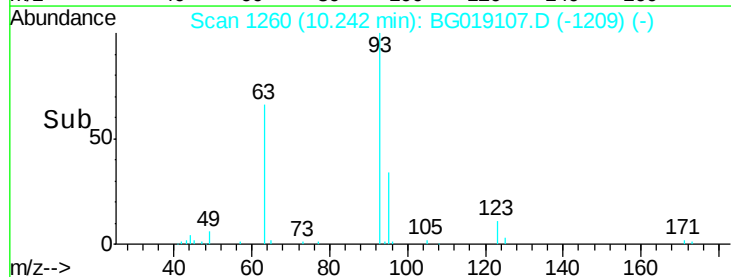
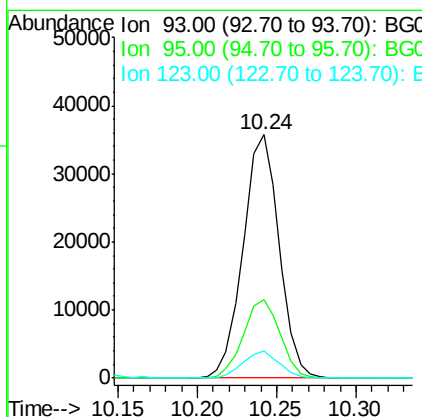
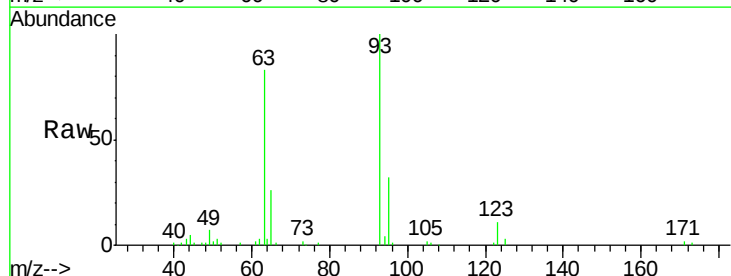
Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

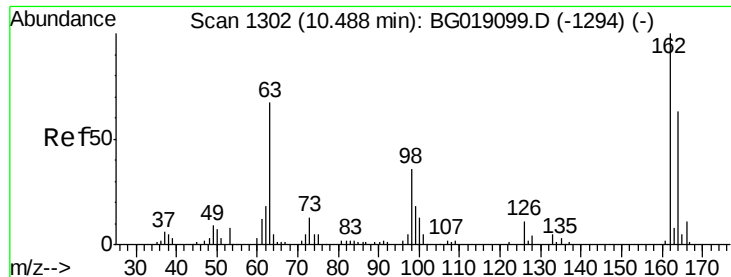
Tot Ion:122 Resp: 45115
 Ion Ratio Lower Upper
 122 100
 107 128.3 105.1 157.7
 121 62.2 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.61 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion: 93 Resp: 56260
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.5 39.7
 123 11.4 9.4 14.2

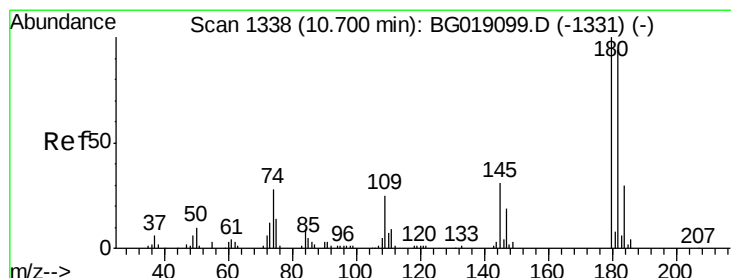
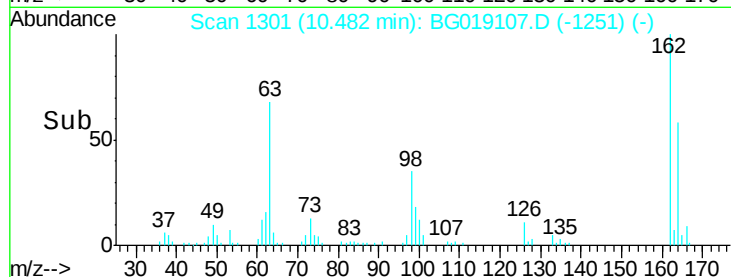
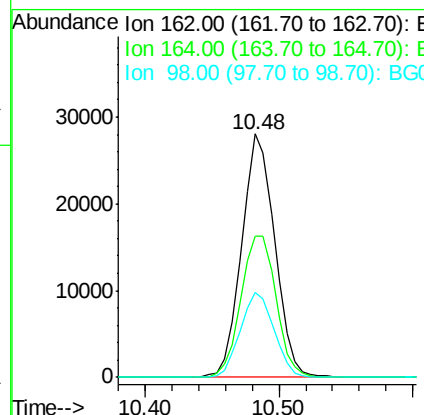
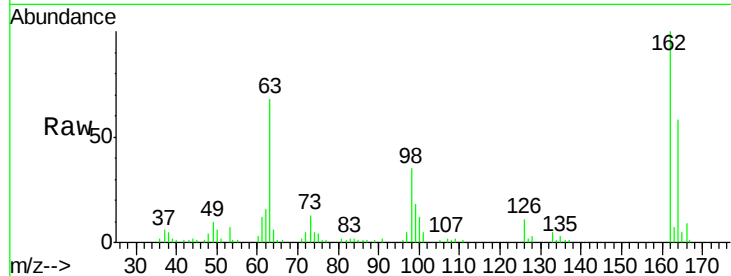




#29
2,4-Dichlorophenol
Concen: 40.90 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

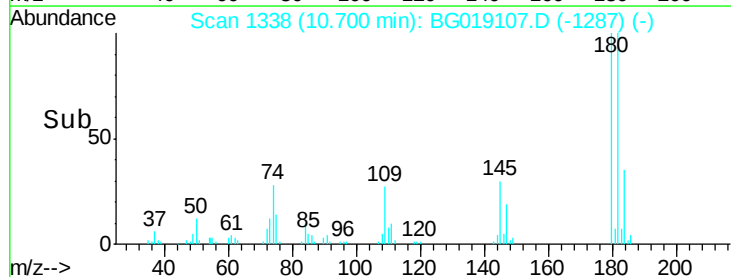
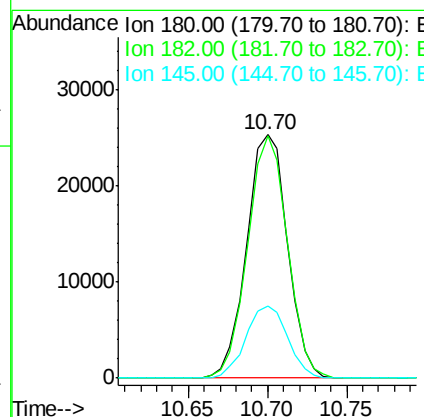
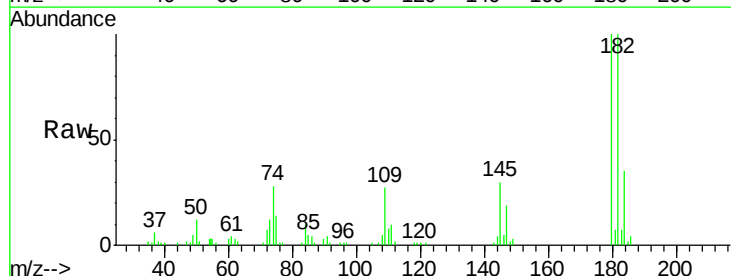
Instrument :
BNA_G
ClientSampleId :
PB85978BS

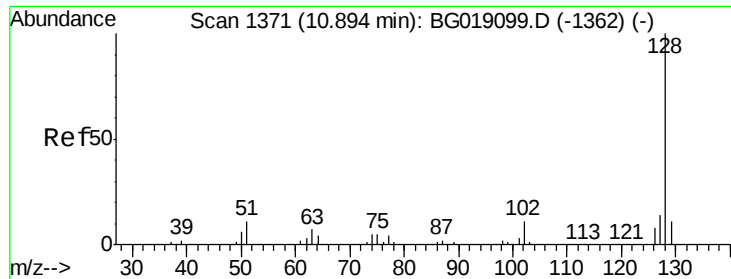
Tot Ion	Ratio	Lower	Upper
162	100		
164	58.2	42.8	82.8
98	34.7	16.1	56.1



#30
1,2,4-Trichlorobenzene
Concen: 35.93 ng
RT: 10.70 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	75.3	112.9
145	29.6	24.9	37.3

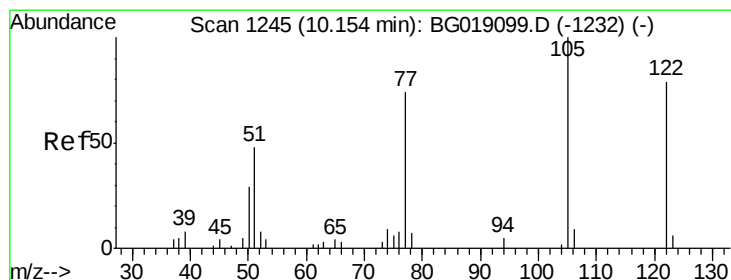
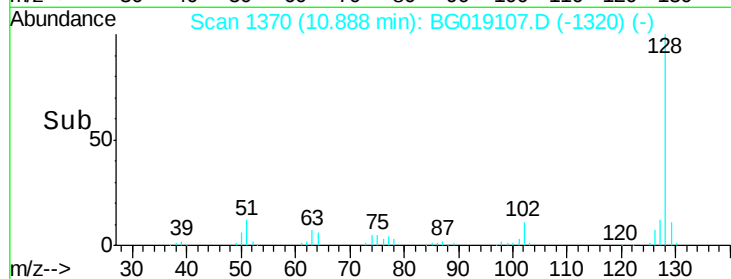
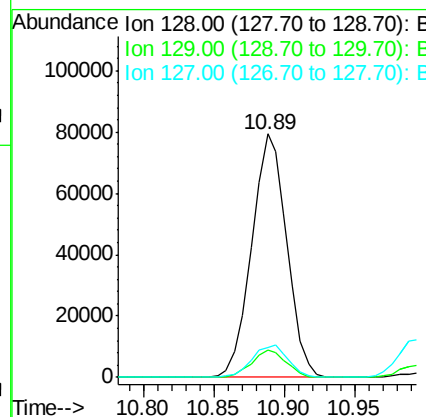
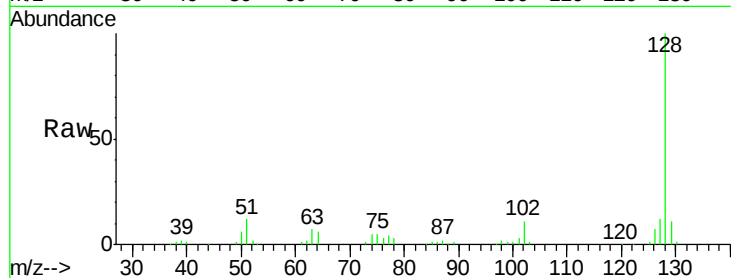




#31
Naphthalene
Concen: 36.63 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

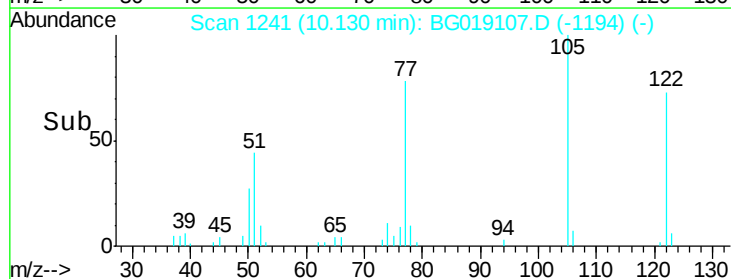
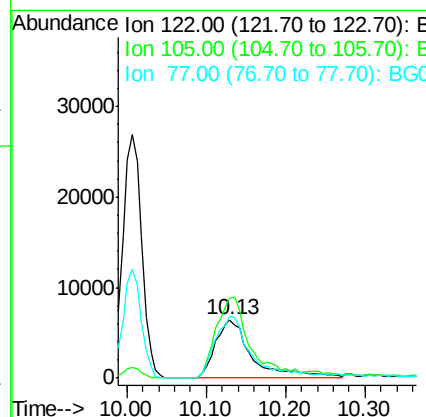
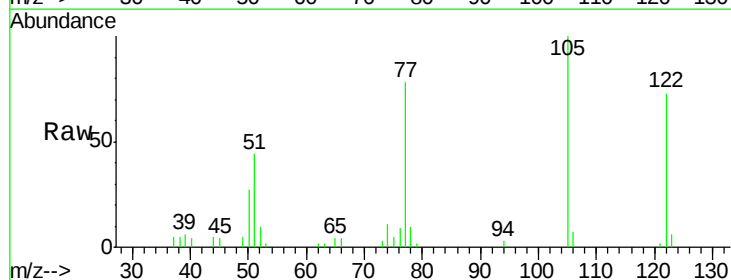
Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tot Ion:128 Resp: 137908
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 12.5 11.4 17.0



#32
Benzoic acid
Concen: 32.76 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:122 Resp: 20717
Ion Ratio Lower Upper
122 100
105 137.3 107.0 147.0
77 106.6 73.4 113.4

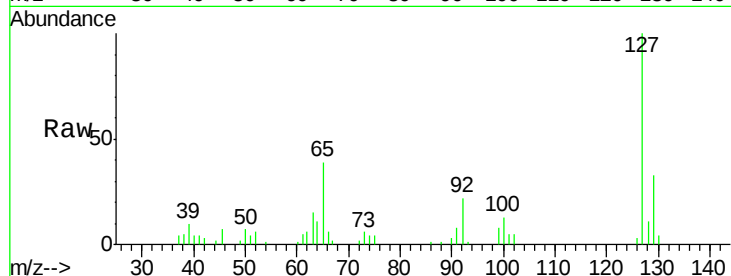




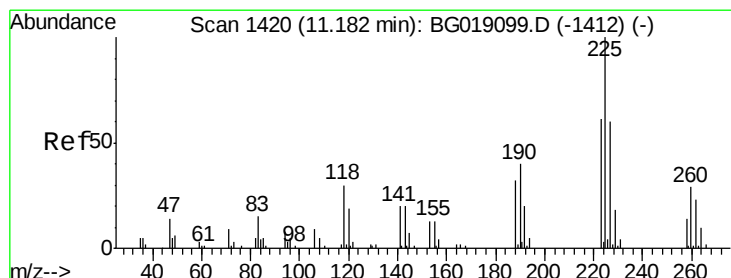
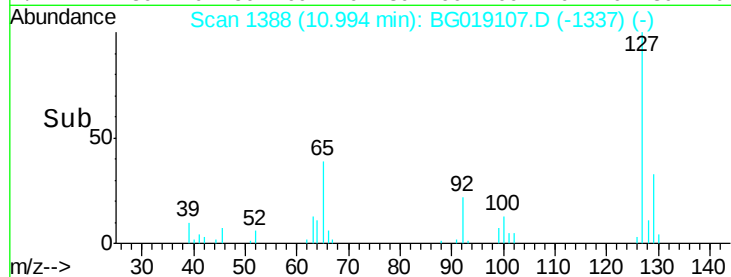
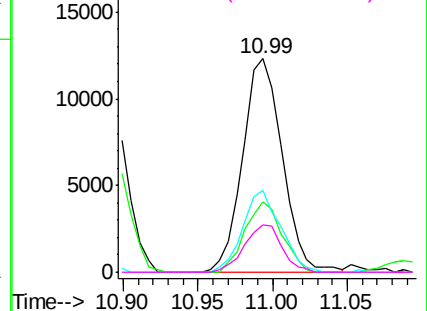
#33
4-Chloroaniline
Concen: 12.92 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tot Ion:	127	Resp:	22599
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.2
65	38.7	30.4	45.6
92	22.2	16.9	25.3

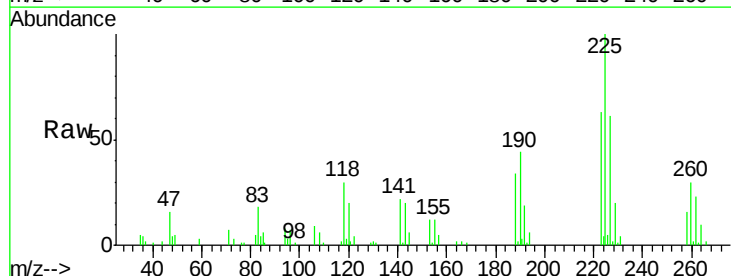


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

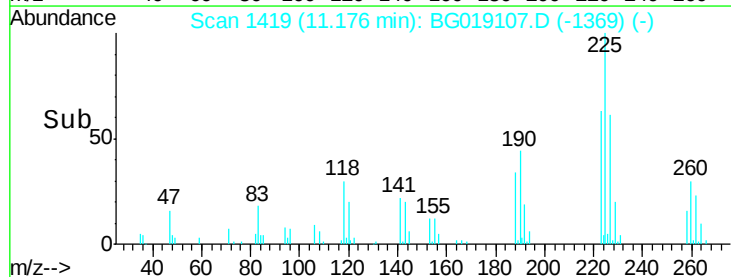
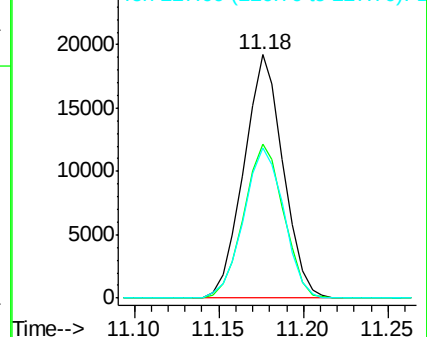


#34
Hexachlorobutadiene
Concen: 35.97 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:	225	Resp:	31060
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.6	72.8
227	61.5	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

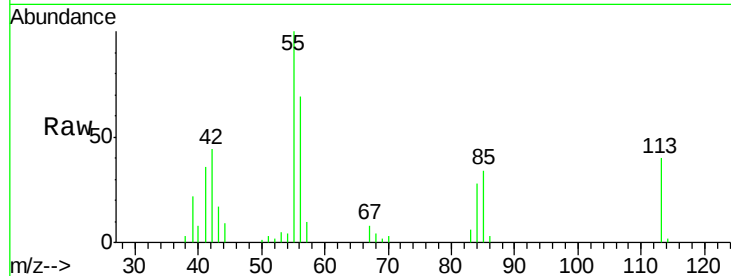




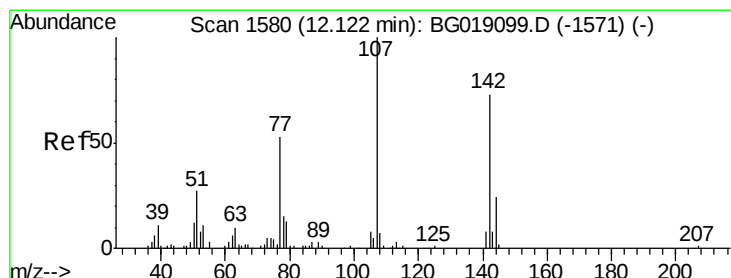
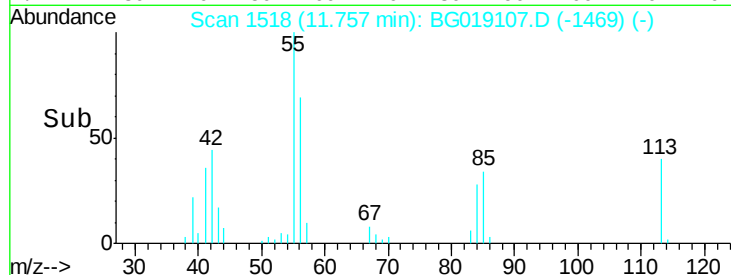
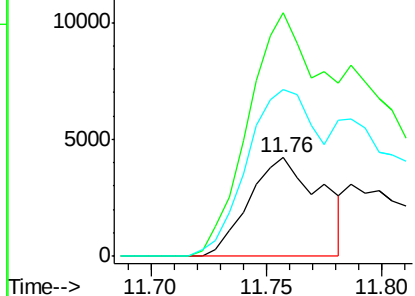
#35
 Caprolactam
 Concen: 21.25 ng
 RT: 11.76 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tot Ion:113 Resp: 9181
 Ion Ratio Lower Upper
 113 100
 55 247.6 263.4 303.4#
 56 170.0 179.0 219.0#

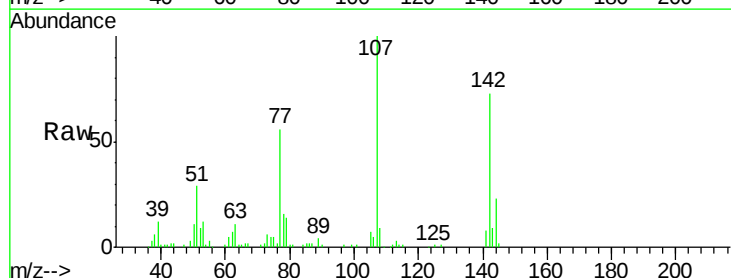


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

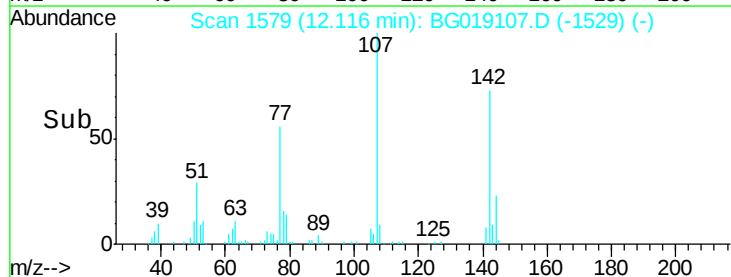
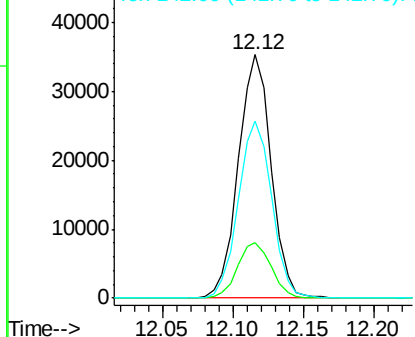


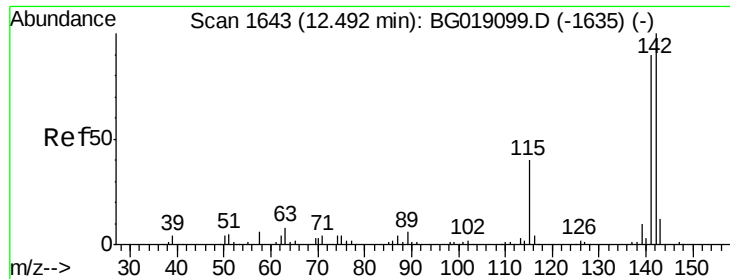
#36
 4-Chloro-3-methylphenol
 Concen: 38.46 ng
 RT: 12.12 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion:107 Resp: 57353
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.0 28.6
 142 72.6 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

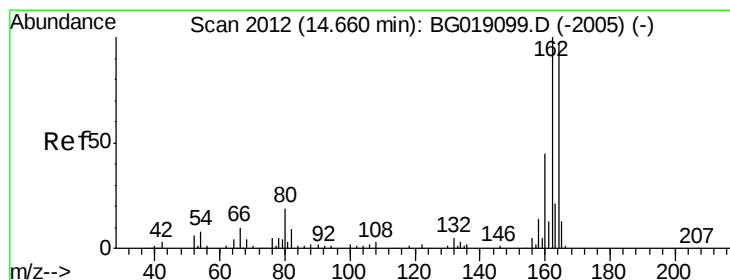
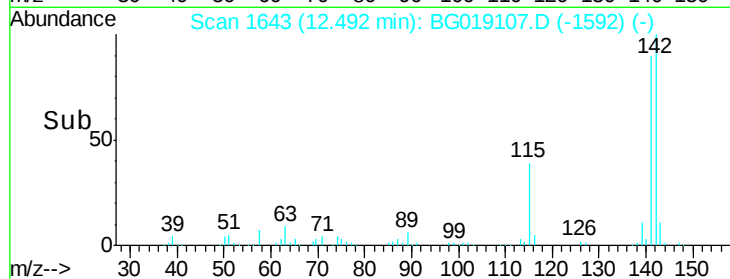
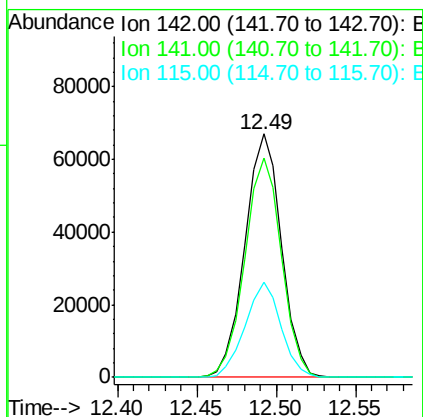
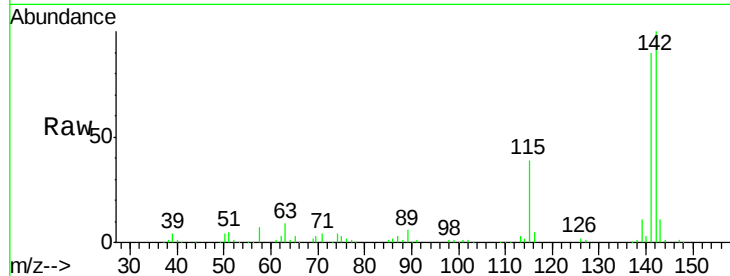




#37
2-Methylnaphthalene
Concen: 36.63 ng
RT: 12.49 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

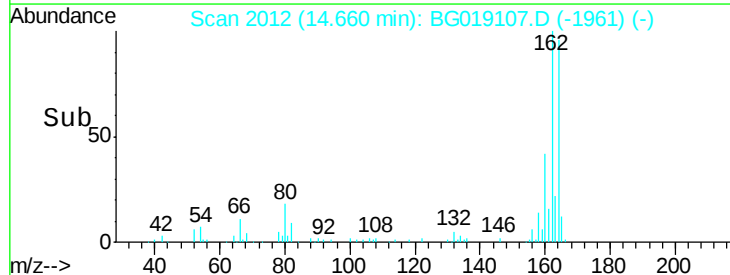
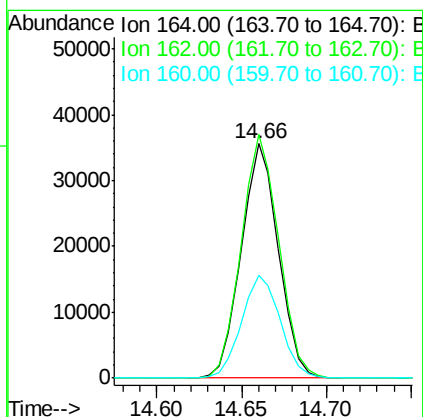
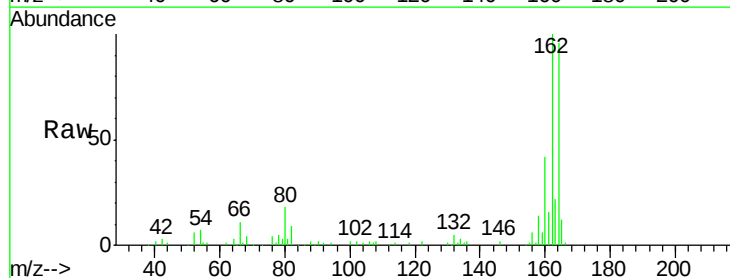
Instrument :
BNA_G
ClientSampleId :
PB85978BS

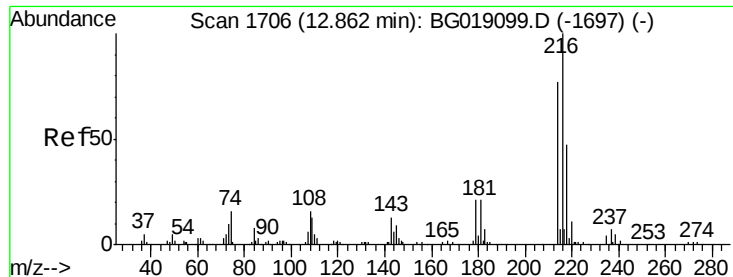
Tot Ion:142 Resp: 107132
Ion Ratio Lower Upper
142 100
141 89.9 72.1 108.1
115 39.1 31.8 47.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:164 Resp: 54057
Ion Ratio Lower Upper
164 100
162 104.0 82.6 124.0
160 43.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.91 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

Tot Ion:216 Resp: 57336

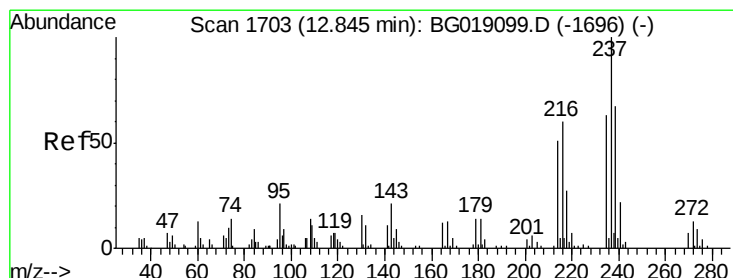
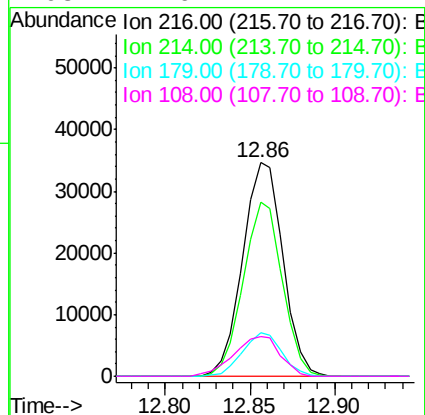
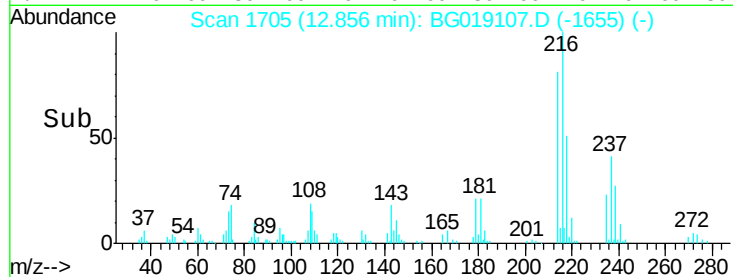
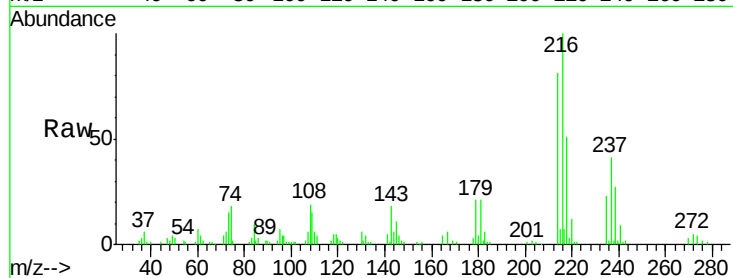
Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.0	96.0
179	20.1	16.9	25.3
108	21.6	14.7	22.1

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: 87.80 ng

RT: 12.84 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

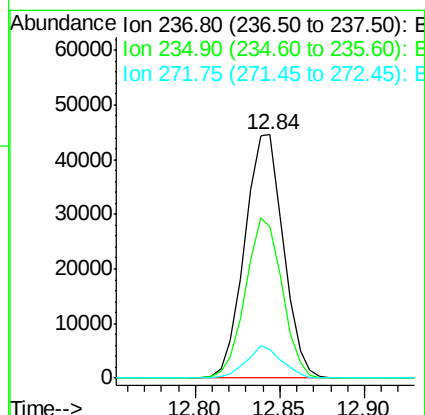
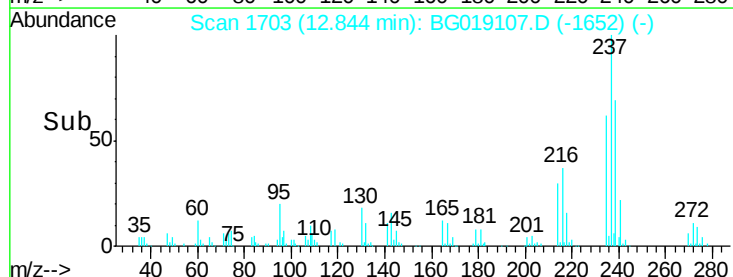
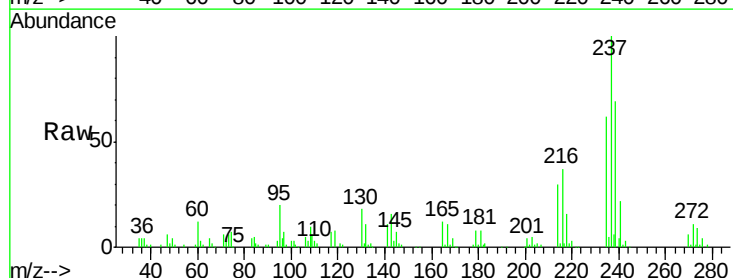
Tgt Ion:237 Resp: 70959

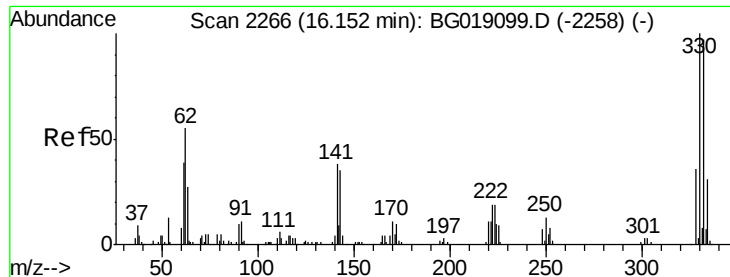
Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.2	83.2
272	11.5	0.0	33.2

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

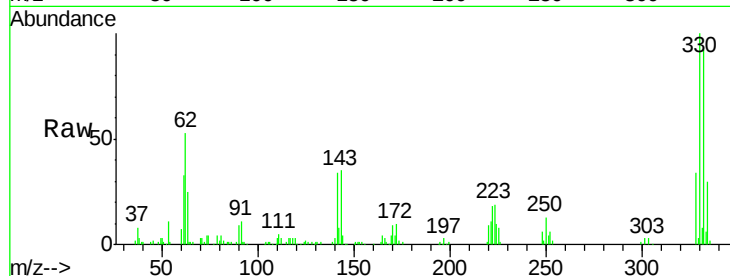




#41
 2,4,6-Tribromophenol
 Concen: 124.52 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.3	115.9
141	37.6	30.7	46.1

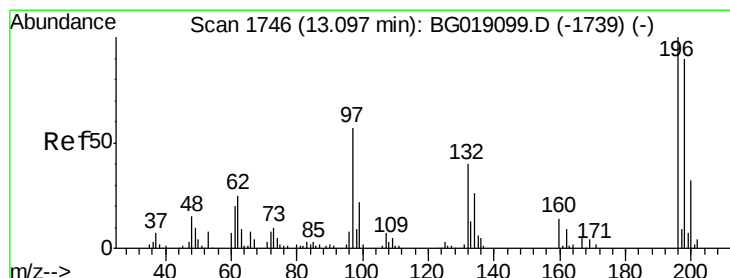
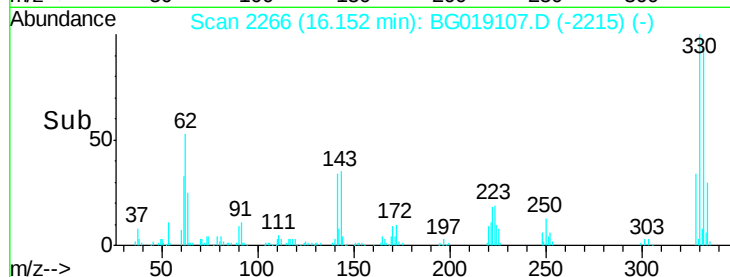
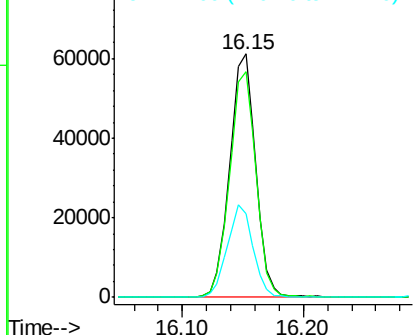


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.00 ng
 RT: 13.10 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

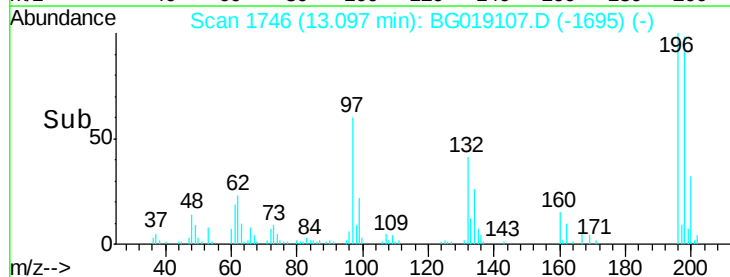
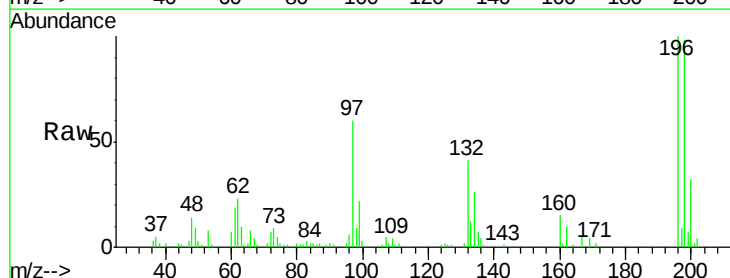
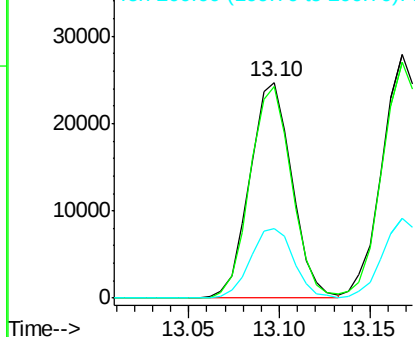
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	72.0	108.0
200	32.0	25.5	38.3

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

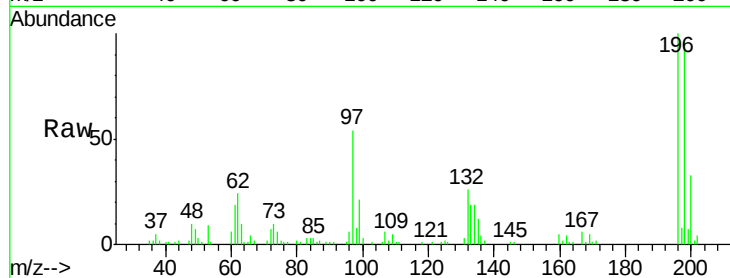




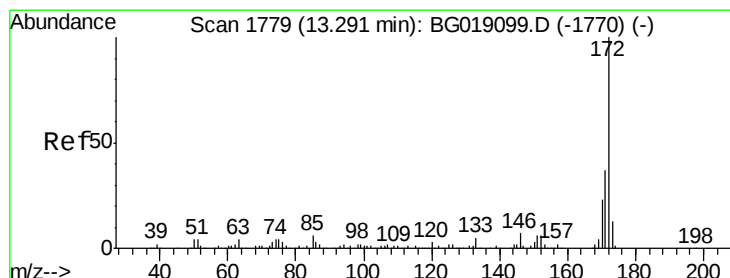
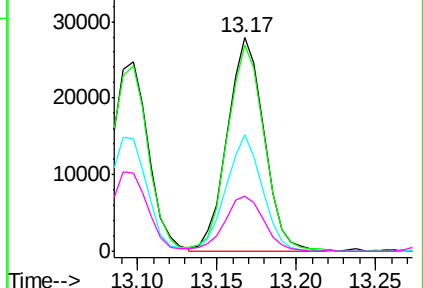
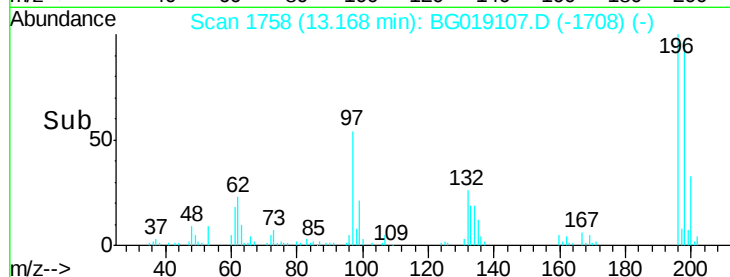
#43
 2,4,5-Trichlorophenol
 Concen: 39.05 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tot Ion:196 Resp: 44888
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.7 116.5
 97 54.4 41.4 62.2
 132 25.8 20.6 30.8

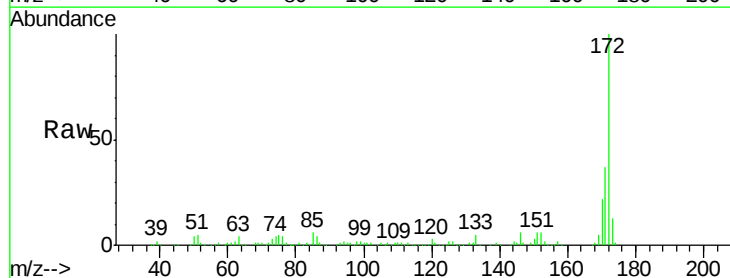


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

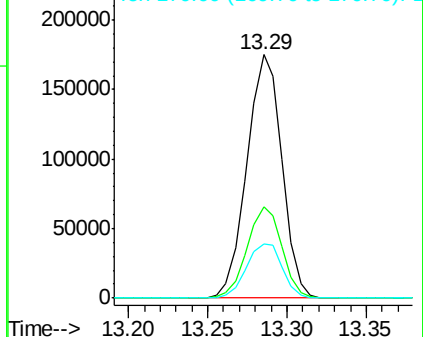
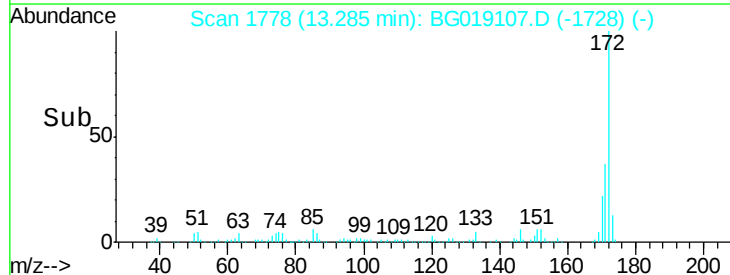


#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion:172 Resp: 268237
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.9 44.9
 170 22.1 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

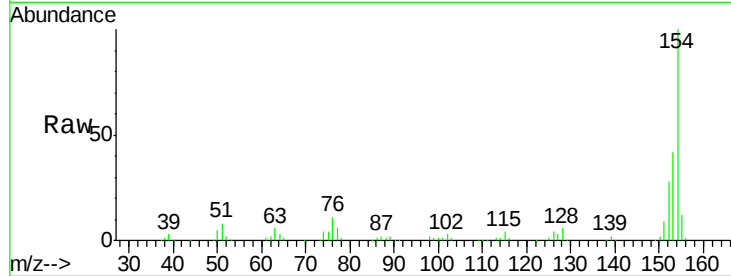




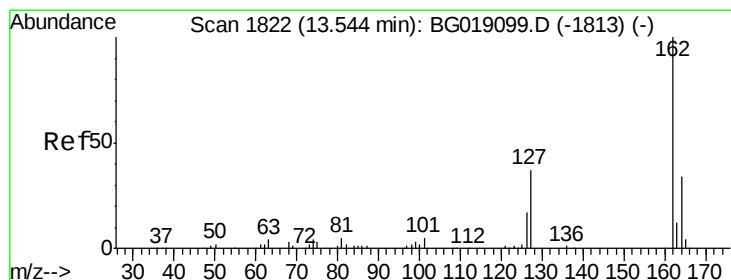
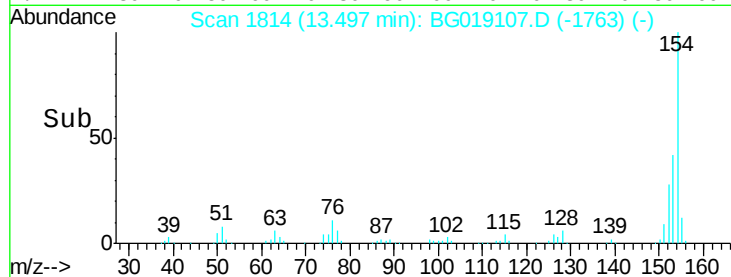
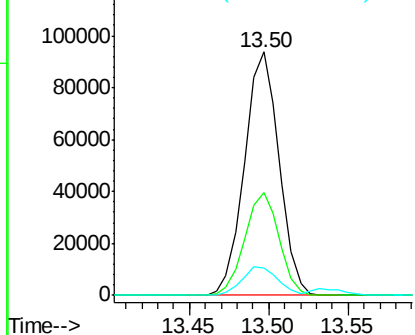
#45
 1,1'-Biphenyl
 Concen: 36.11 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.6	60.6
76	11.0	0.0	32.2

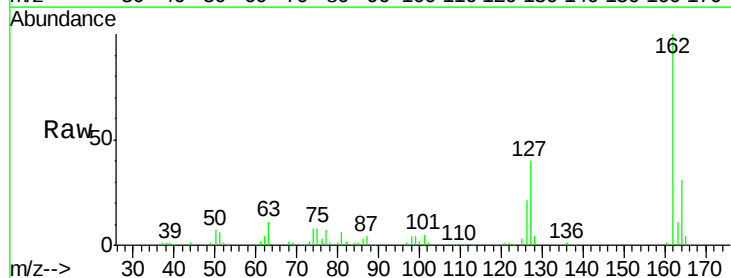


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

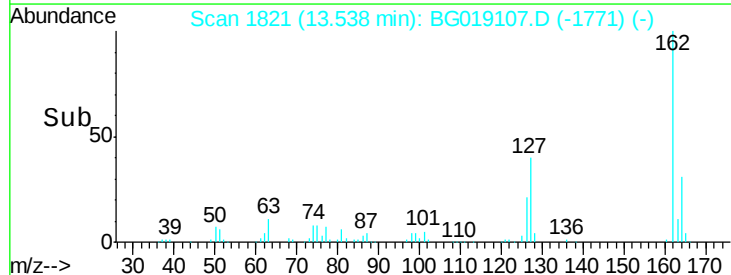
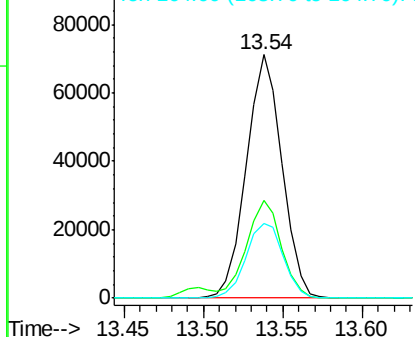


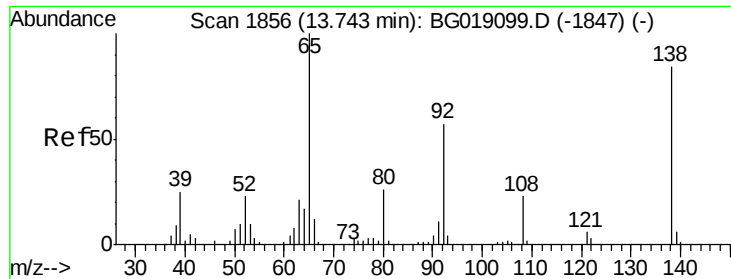
#46
 2-Chloronaphthalene
 Concen: 36.66 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.2	48.4
164	30.7	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

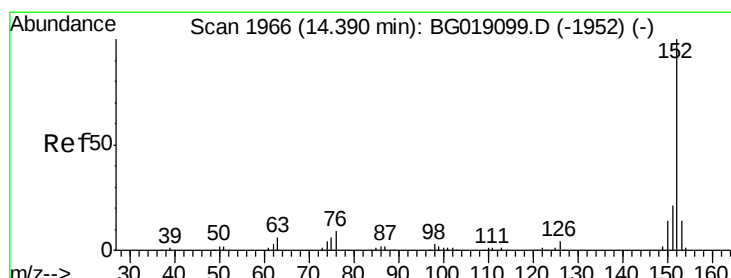
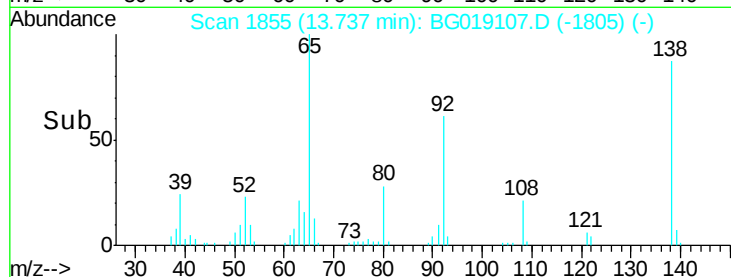
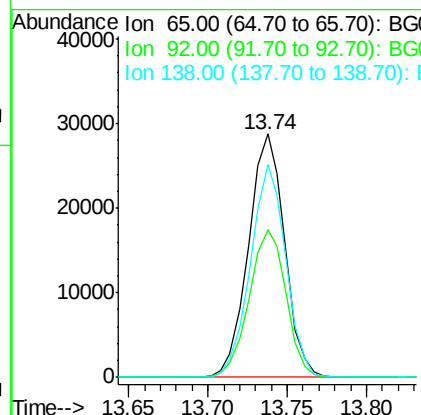
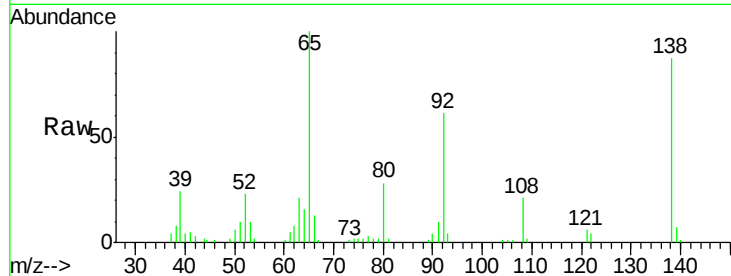




#47
2-Nitroaniline
Concen: 37.46 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

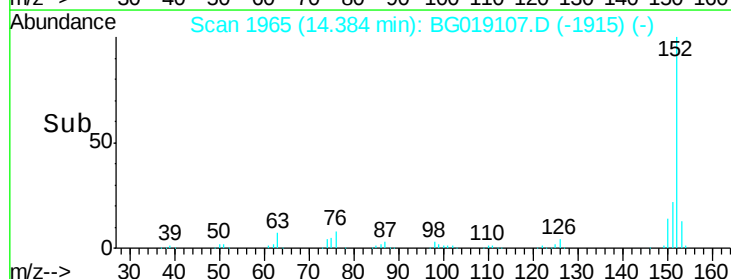
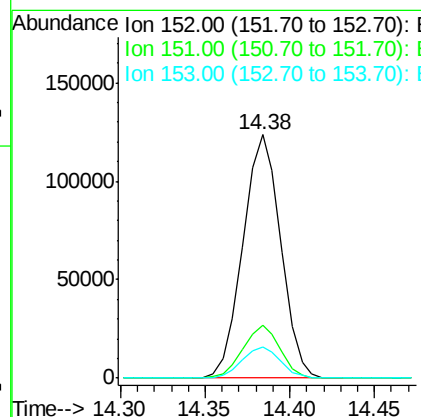
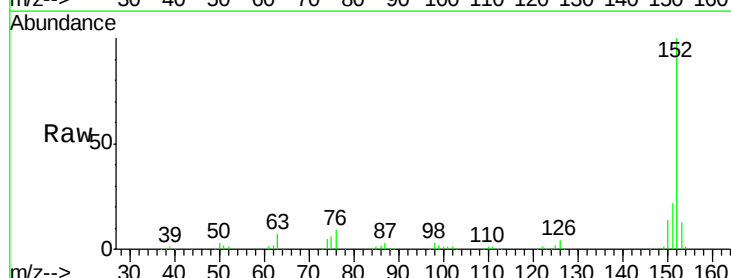
Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tot Ion: 65 Resp: 45434
Ion Ratio Lower Upper
65 100
92 60.9 45.8 68.8
138 87.5 66.9 100.3



#48
Acenaphthylene
Concen: 36.16 ng
RT: 14.38 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion: 152 Resp: 192643
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2
153 12.9 11.0 16.4





#49

Dimethylphthalate

Concen: 36.55 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampled :

PB85978BS

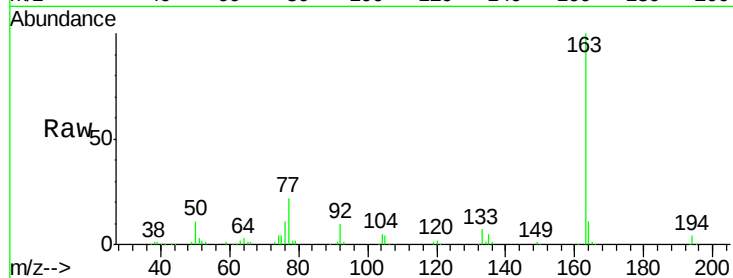
Tot Ion:163 Resp: 156064

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

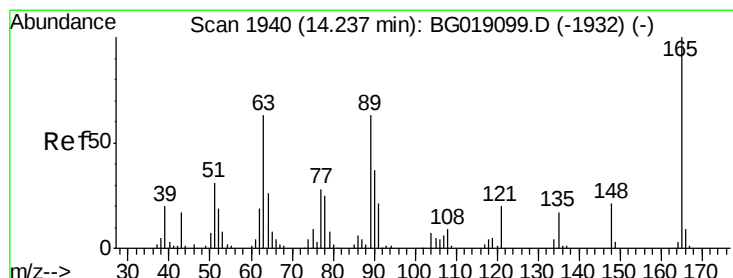
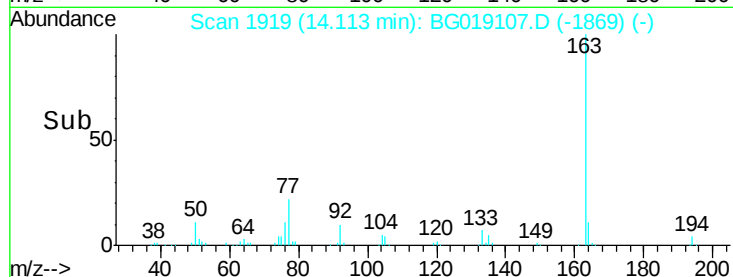
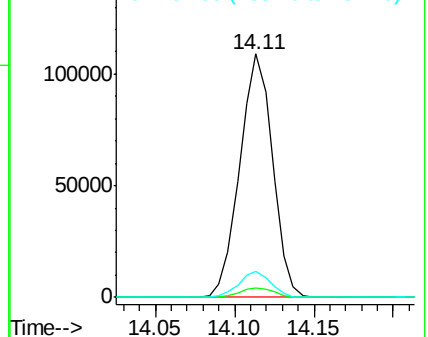
164 10.7 8.1 12.1



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: 38.41 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

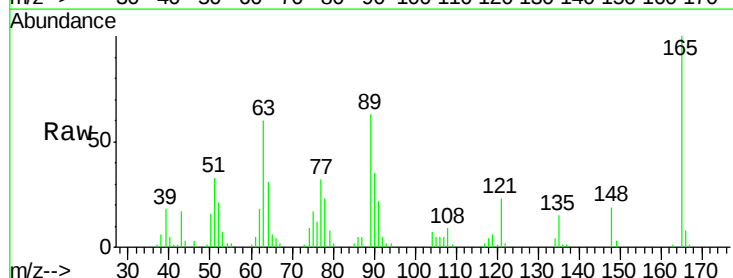
Tgt Ion:165 Resp: 35033

Ion Ratio Lower Upper

165 100

63 59.6 52.6 78.8

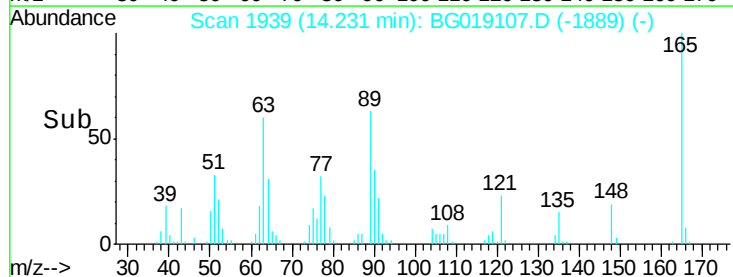
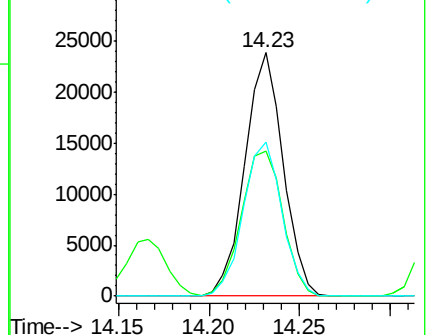
89 63.2 50.6 76.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 34.89 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

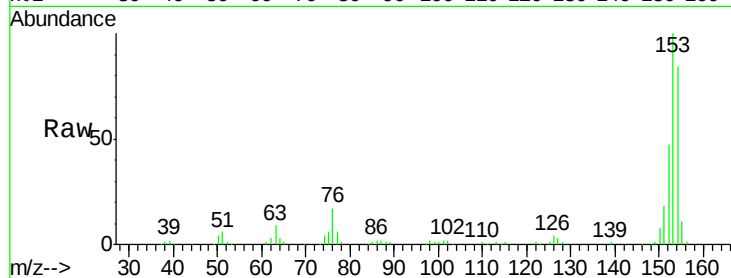
Tot Ion:154 Resp: 111766

Ion Ratio Lower Upper

154 100

153 119.1 93.4 140.2

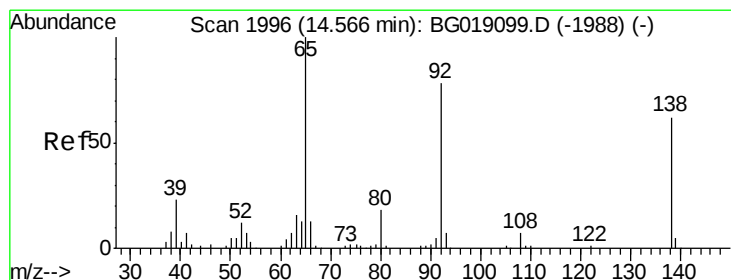
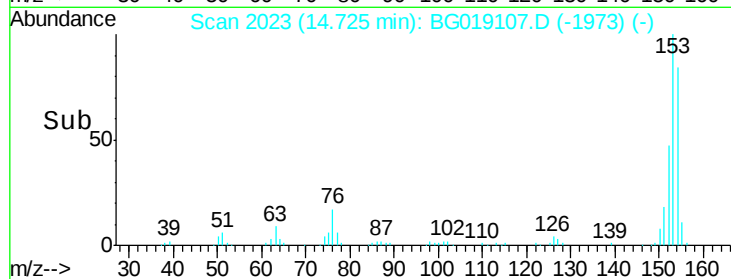
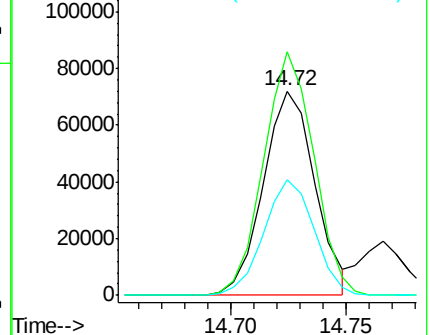
152 56.5 44.9 67.3



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: 17.76 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

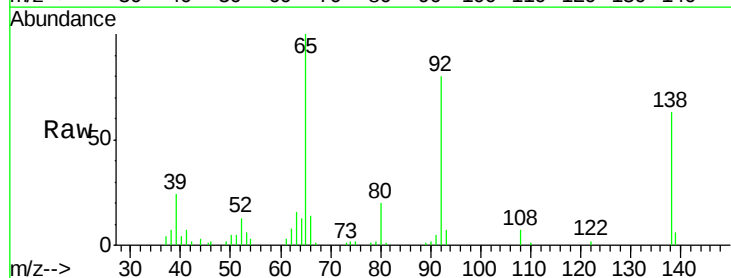
Tgt Ion:138 Resp: 17878

Ion Ratio Lower Upper

138 100

108 10.5 8.6 13.0

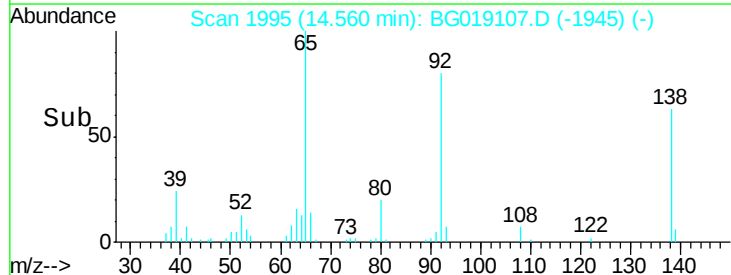
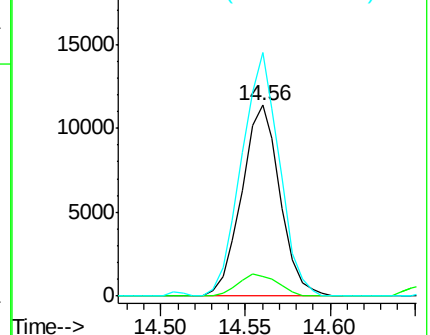
92 127.5 101.4 152.0

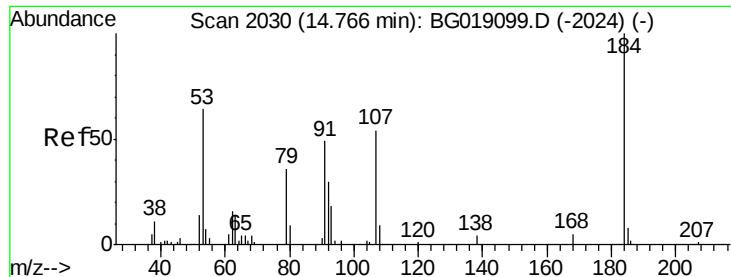


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

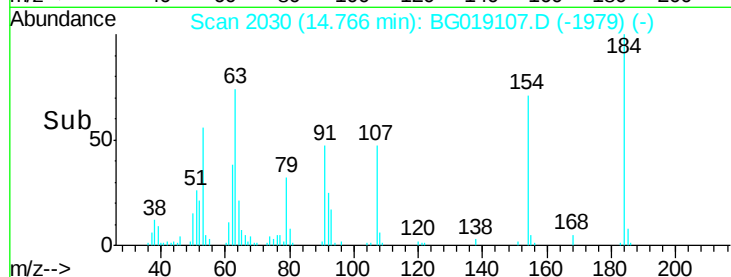
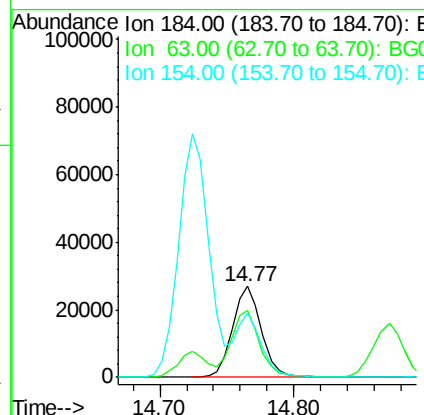
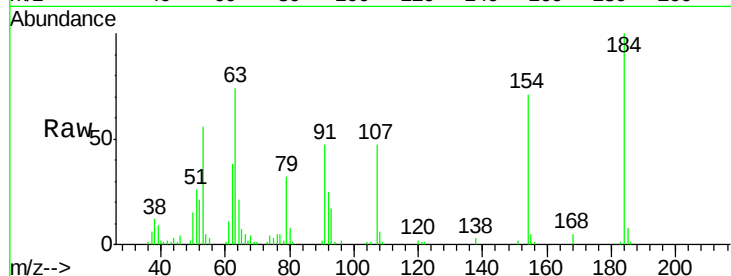




#53
2,4-Dinitrophenol
Concen: 77.06 ng
RT: 14.77 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

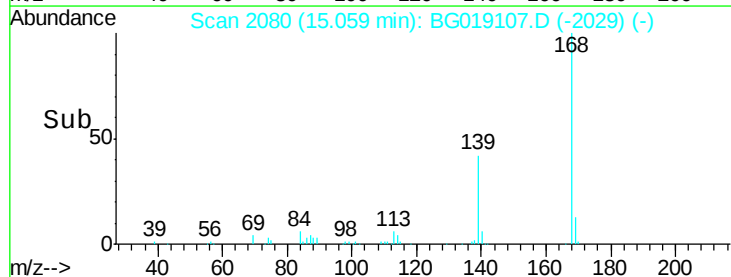
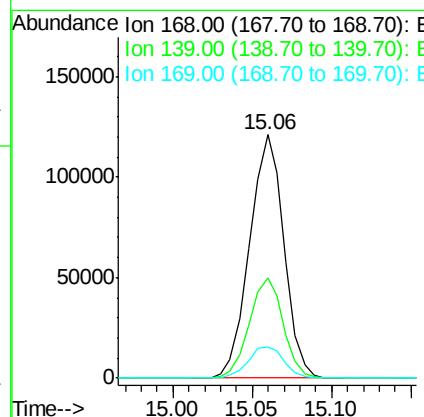
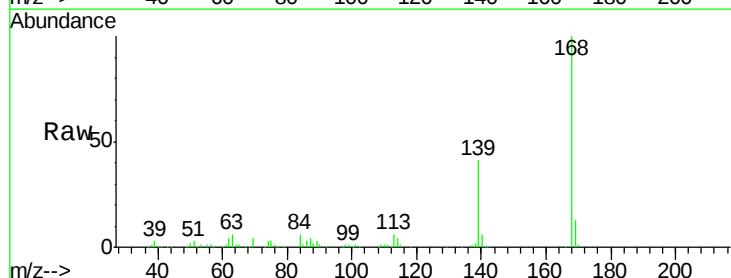
Instrument :
BNA_G
ClientSampleId :
PB85978BS

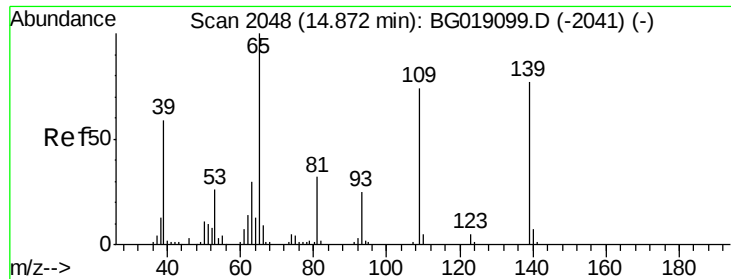
Tot Ion:184 Resp: 40840
Ion Ratio Lower Upper
184 100
63 74.1 67.5 101.3
154 70.8 62.4 93.6



#54
Dibenzofuran
Concen: 38.24 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:168 Resp: 181016
Ion Ratio Lower Upper
168 100
139 41.3 34.2 51.4
169 12.9 11.4 17.0





#55

4-Nitrophenol

Concen: 84.56 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

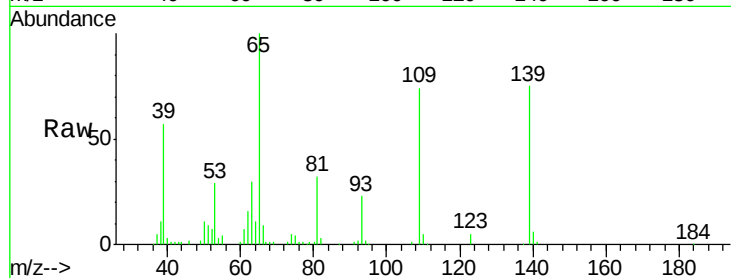
Tot Ion:139 Resp: 64405

Ion Ratio Lower Upper

139 100

109 98.3 76.8 116.8

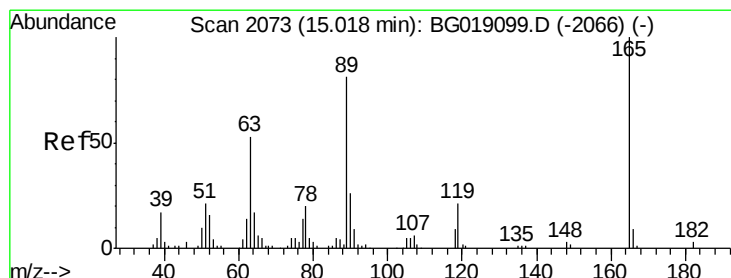
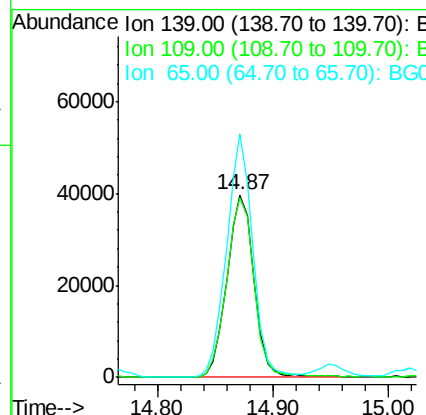
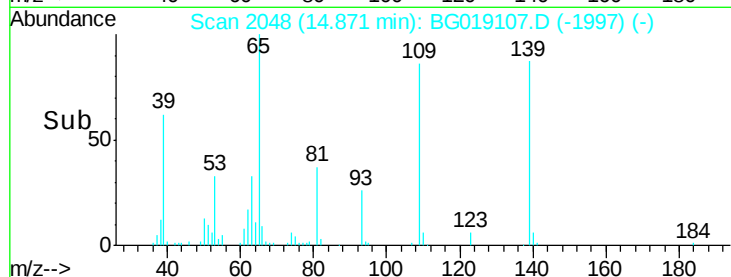
65 133.3 110.0 150.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): B



#56

2,4-Dinitrotoluene

Concen: 39.65 ng

RT: 15.02 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Tgt Ion:165 Resp: 52578

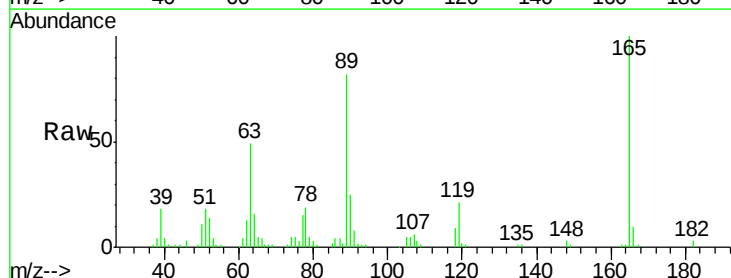
Ion Ratio Lower Upper

165 100

63 49.1 42.2 63.2

89 81.6 64.8 97.2

182 2.9 2.4 3.6

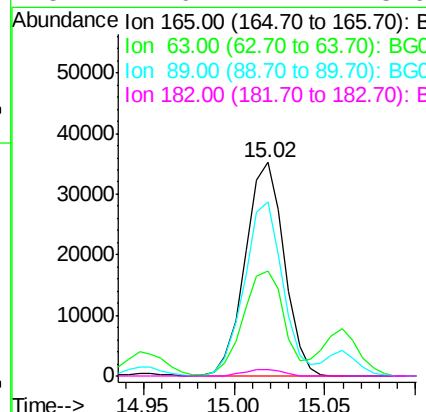
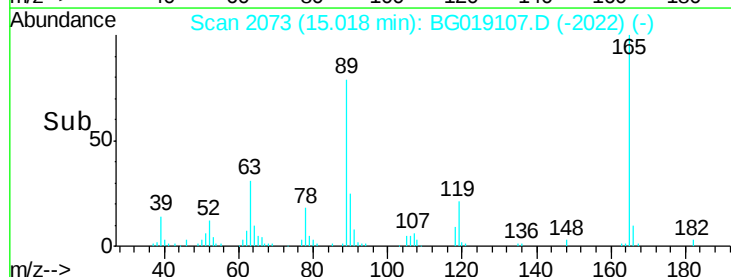


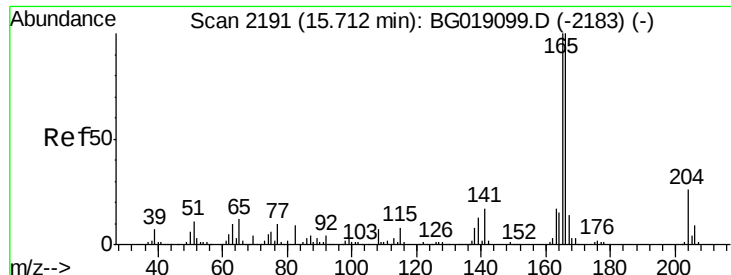
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 89.00 (88.70 to 89.70): B

Ion 182.00 (181.70 to 182.70): E

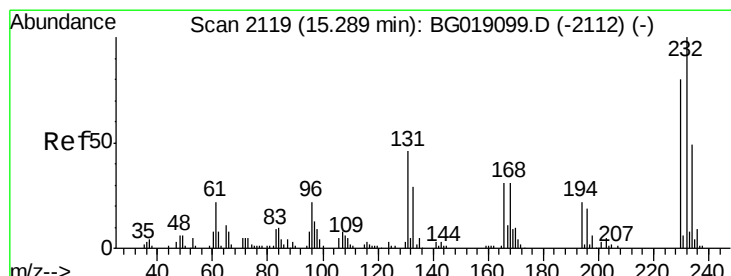
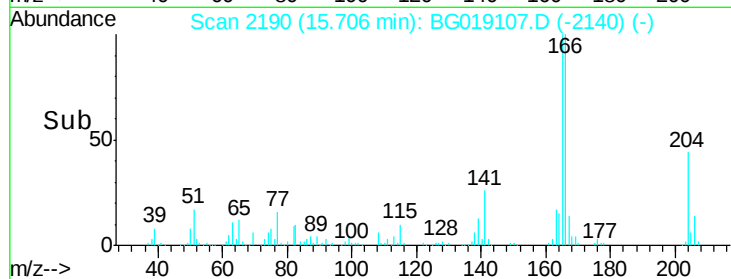
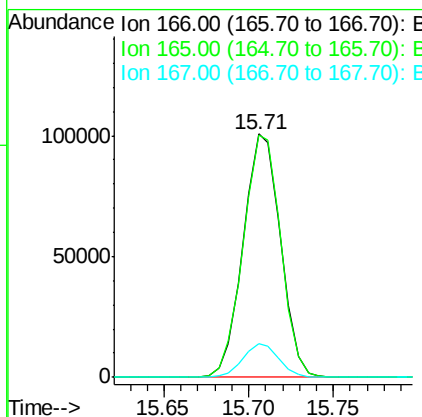
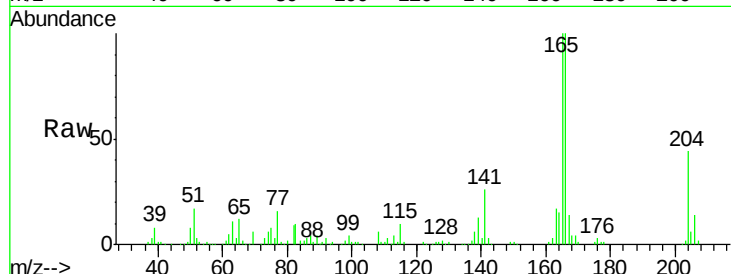




#57
 Fluorene
 Concen: 37.71 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

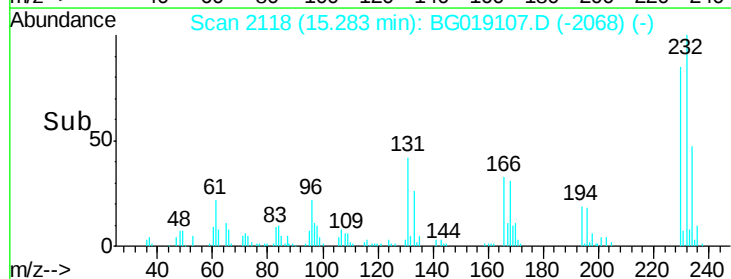
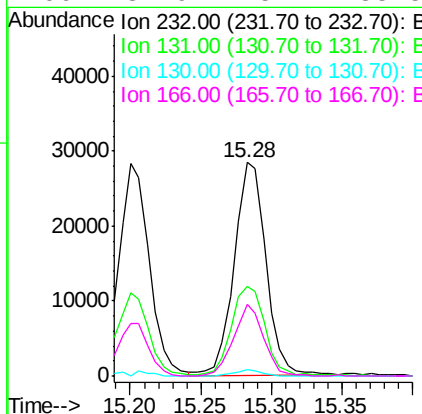
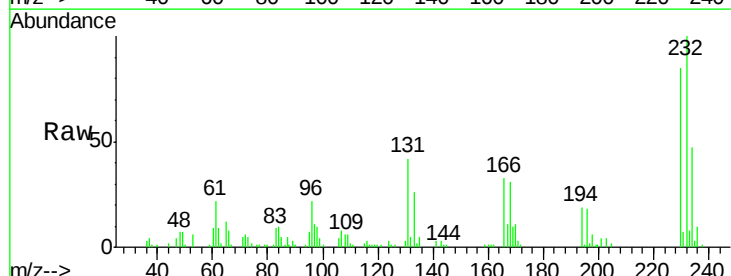
Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

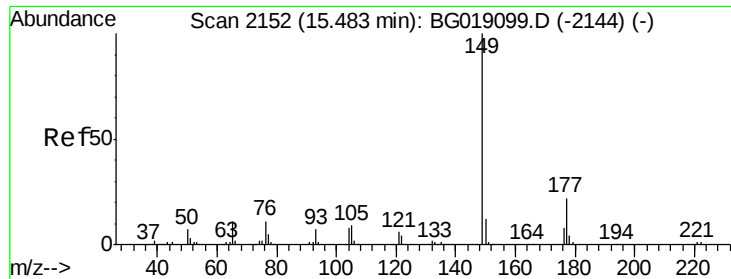
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.2	120.2
167	13.7	11.4	17.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.67 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	36.5	54.7
130	2.6	2.3	3.5
166	31.9	25.7	38.5

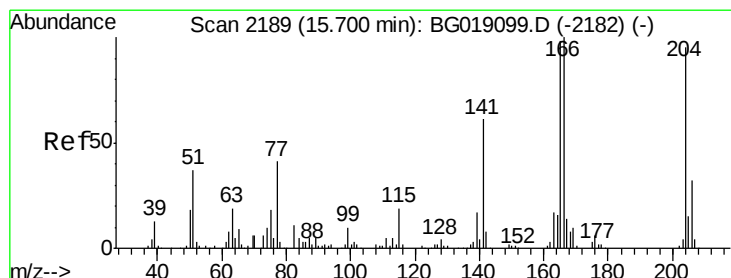
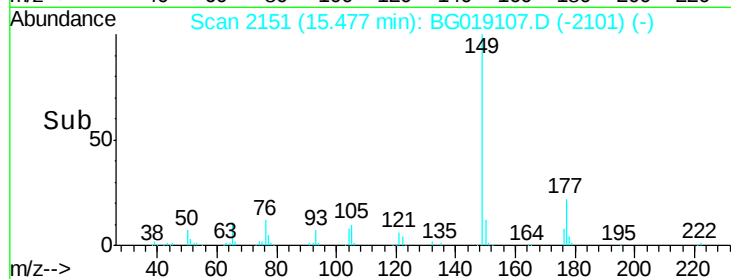
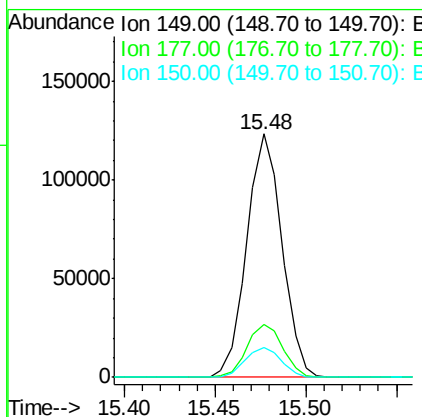
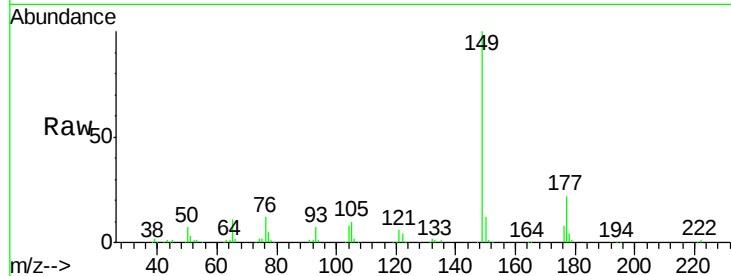




#59
Diethylphthalate
Concen: 37.49 ng
RT: 15.48 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

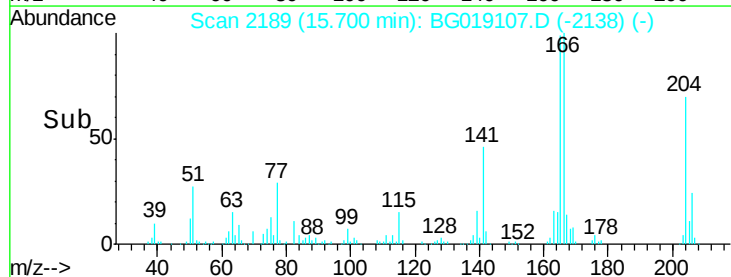
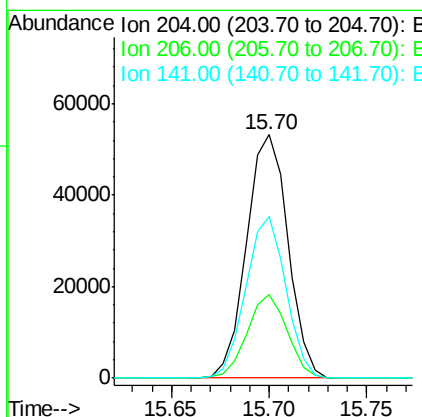
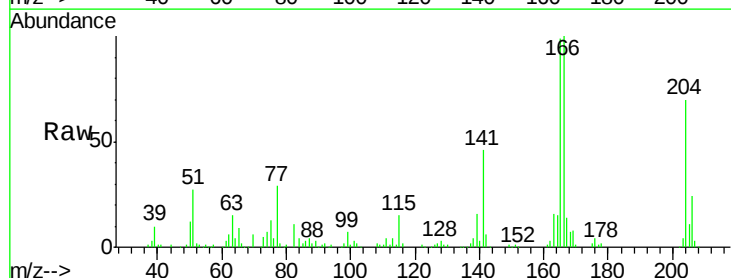
Instrument :
BNA_G
ClientSampleId :
PB85978BS

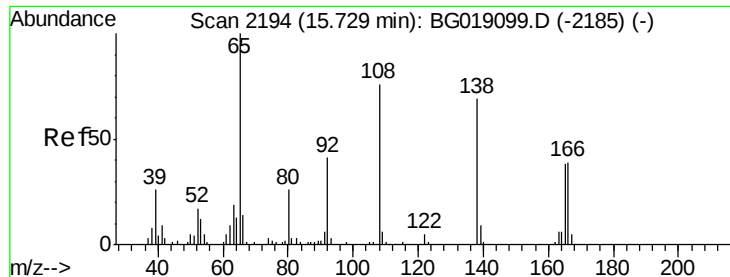
Tot Ion:149 Resp: 166261
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.2 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 37.25 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:204 Resp: 77930
Ion Ratio Lower Upper
204 100
206 34.6 27.0 40.4
141 66.4 51.9 77.9

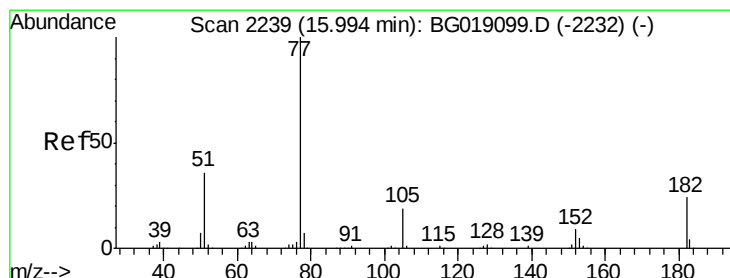
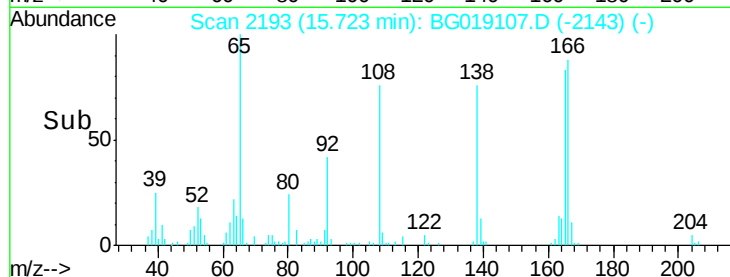
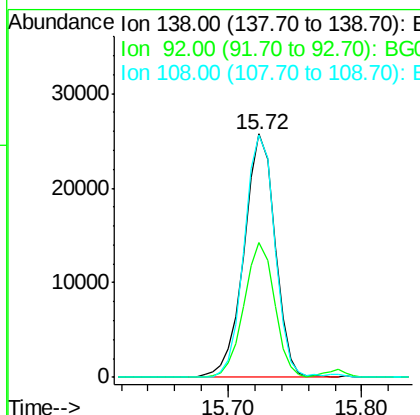
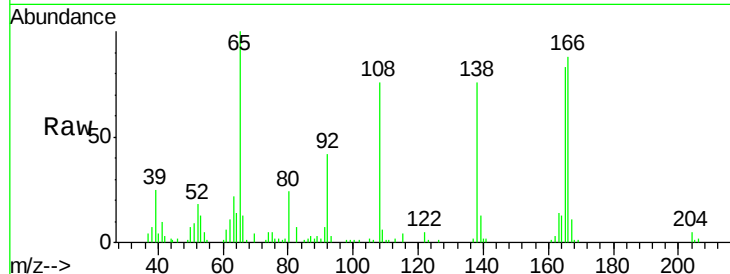




#61
4-Nitroaniline
Concen: 37.72 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

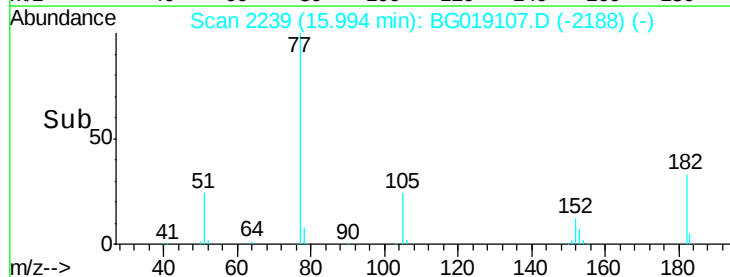
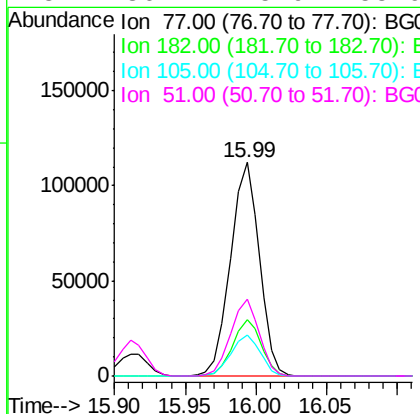
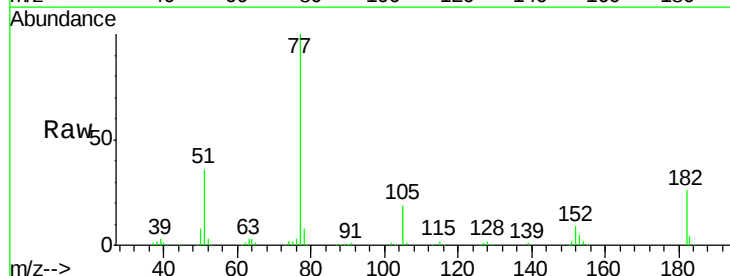
Instrument :
BNA_G
ClientSampleId :
PB85978BS

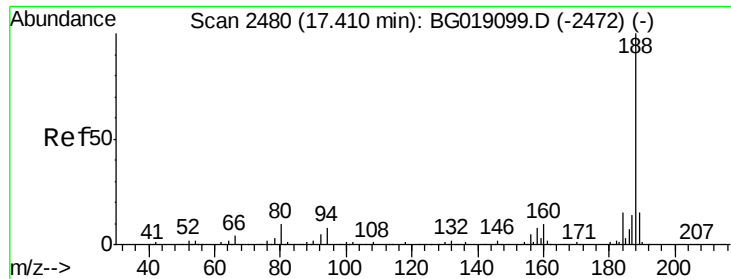
Tot Ion:138 Resp: 41250
Ion Ratio Lower Upper
138 100
92 55.3 39.0 79.0
108 99.3 90.8 130.8



#62
Azobenzene
Concen: 38.77 ng
RT: 15.99 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion: 77 Resp: 159464
Ion Ratio Lower Upper
77 100
182 26.5 4.4 44.4
105 19.5 0.0 39.1
51 36.1 15.9 55.9

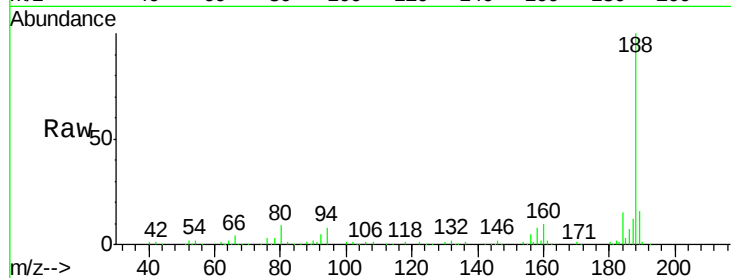




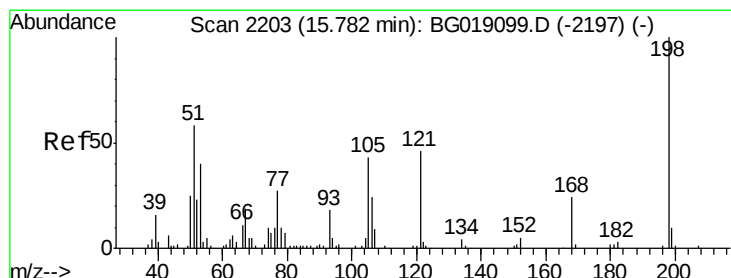
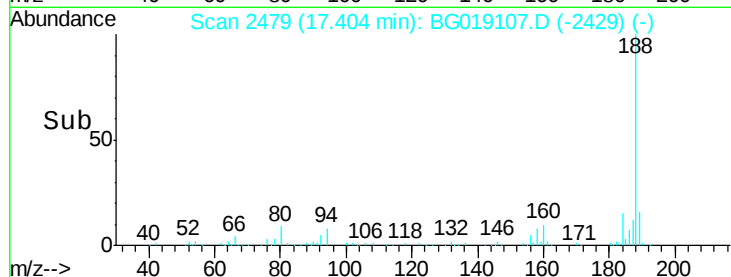
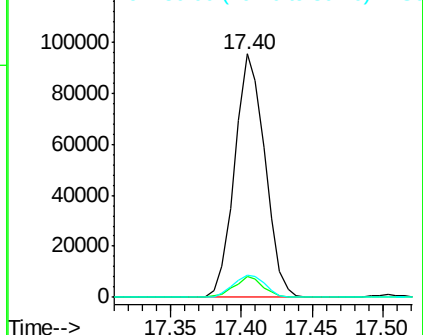
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tot Ion:188 Resp: 142305
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.3 7.6 11.4

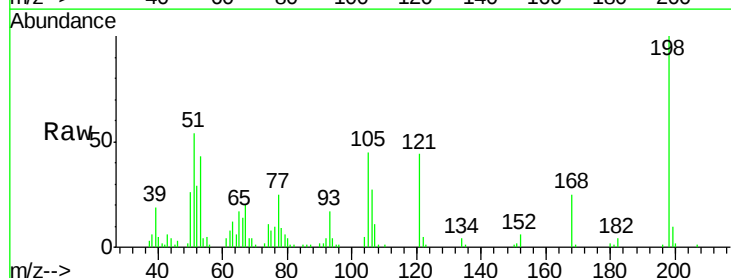


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

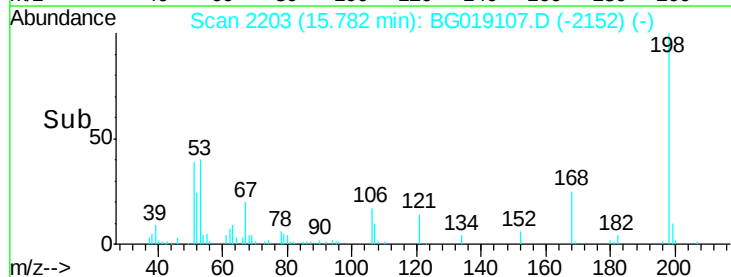
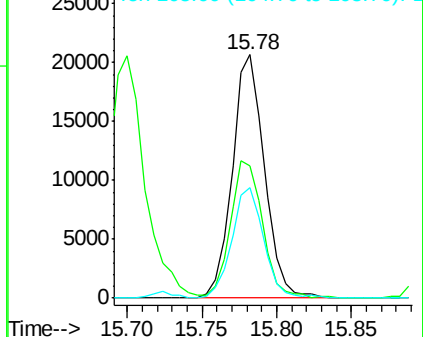


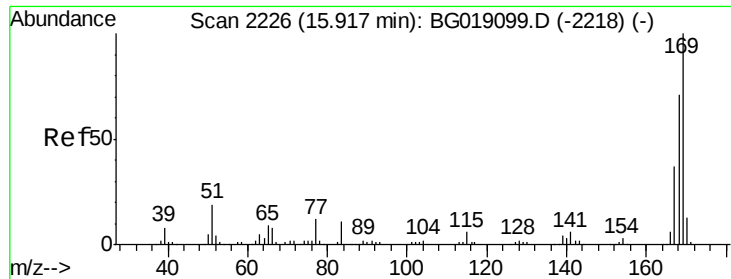
#64
4,6-Dinitro-2-methylphenol
Concen: 39.98 ng
RT: 15.78 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:198 Resp: 31065
Ion Ratio Lower Upper
198 100
51 54.3 40.1 80.1
105 45.3 23.4 63.4



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

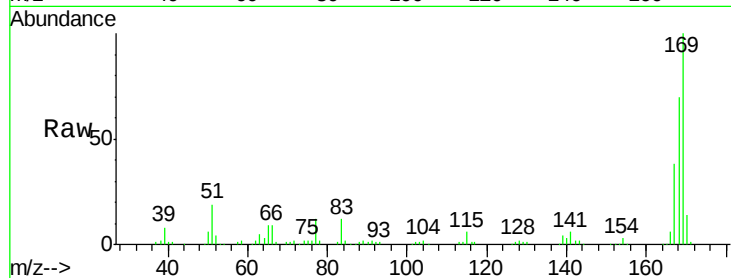




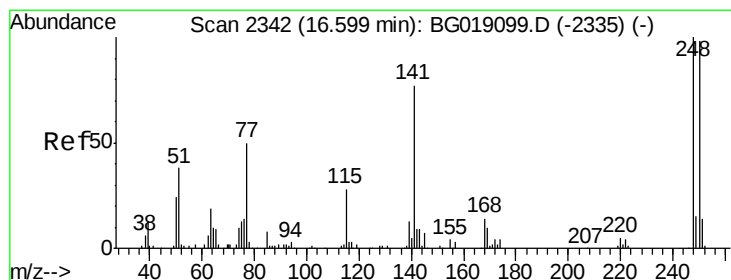
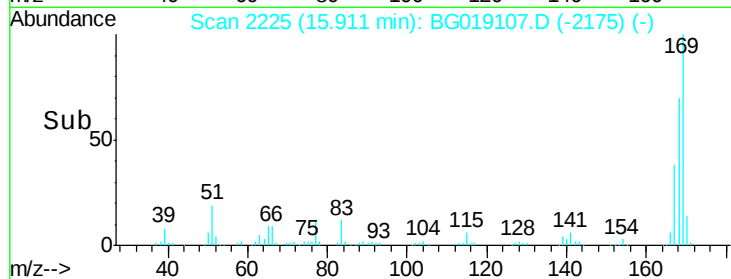
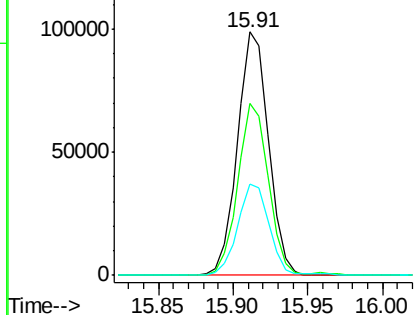
#65
 n-Nitrosodiphenylamine
 Concen: 36.25 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.4	56.6	84.8
167	37.7	30.0	45.0

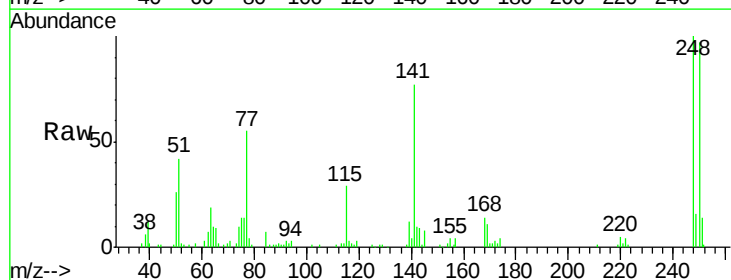


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

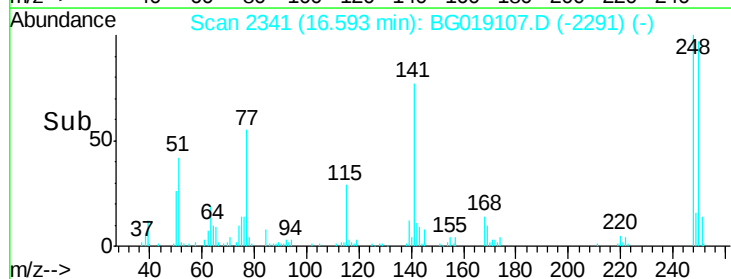
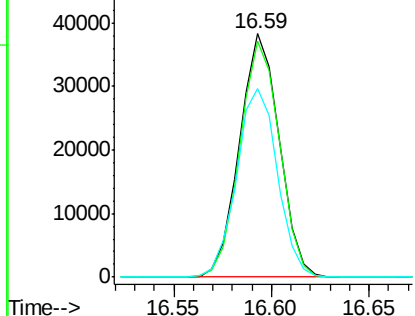


#66
 4-Bromophenyl-phenylether
 Concen: 37.23 ng
 RT: 16.59 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.4	117.6
141	77.4	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: 37.24 ng

RT: 16.72 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

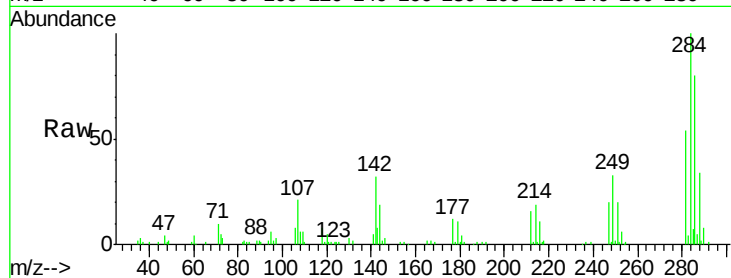
Tot Ion:284 Resp: 63236

Ion Ratio Lower Upper

284 100

142 31.9 27.0 40.4

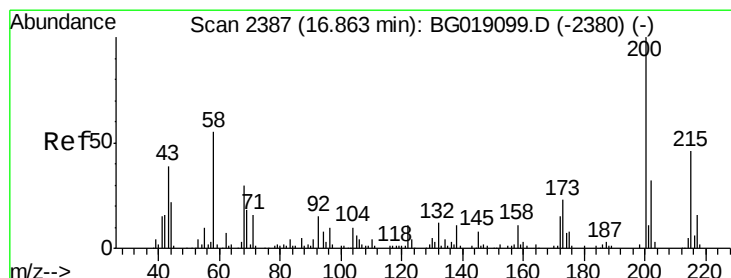
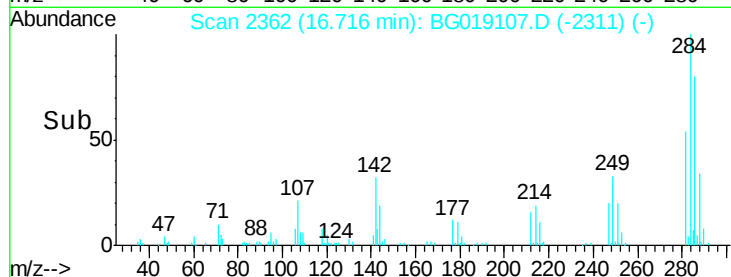
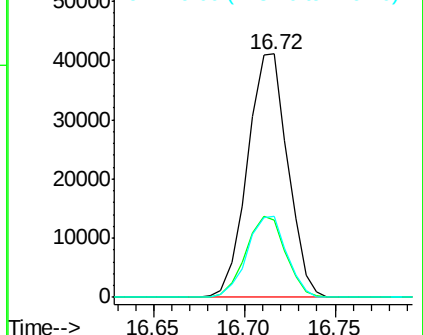
249 33.5 25.4 38.2



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: 39.58 ng

RT: 16.86 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

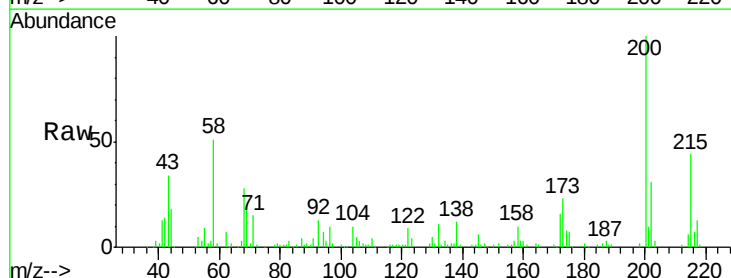
Tgt Ion:200 Resp: 64107

Ion Ratio Lower Upper

200 100

173 22.8 3.3 43.3

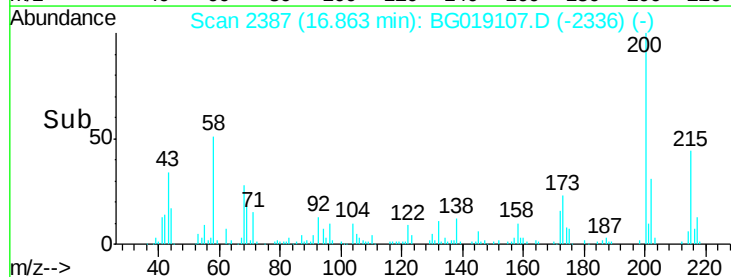
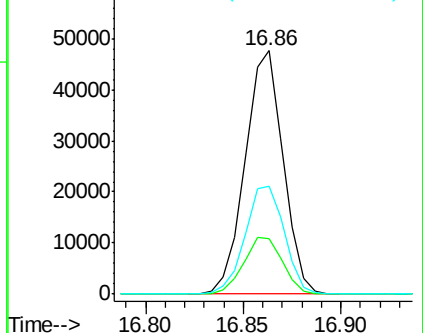
215 44.2 26.4 66.4

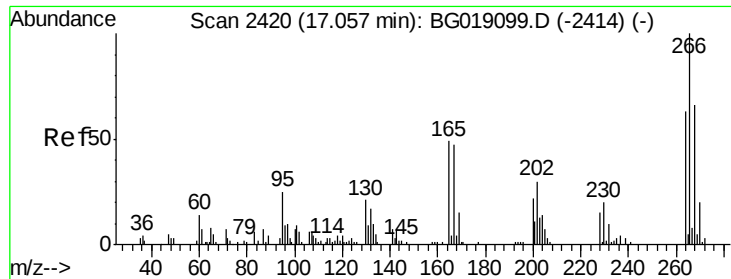


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

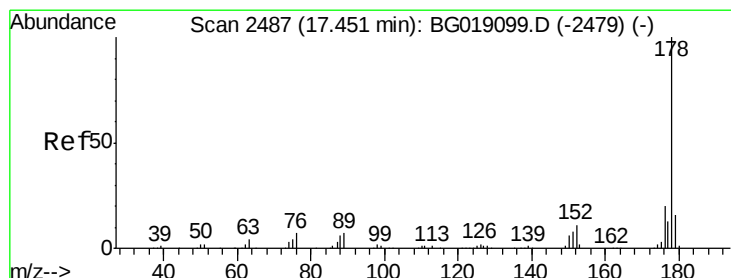
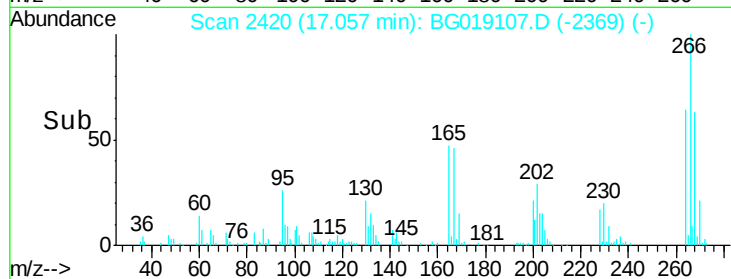
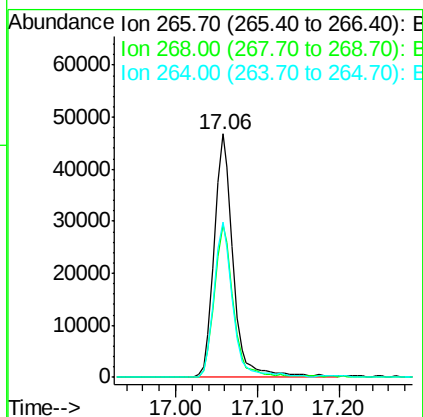
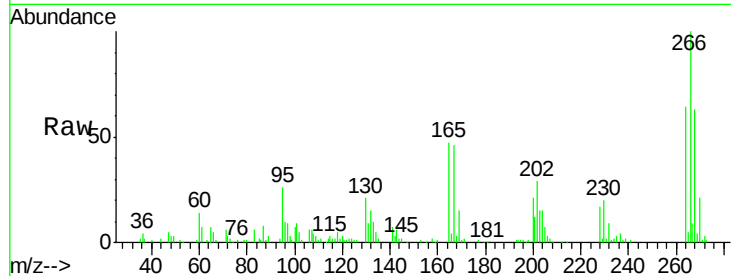




#69
 Pentachlorophenol
 Concen: 86.08 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

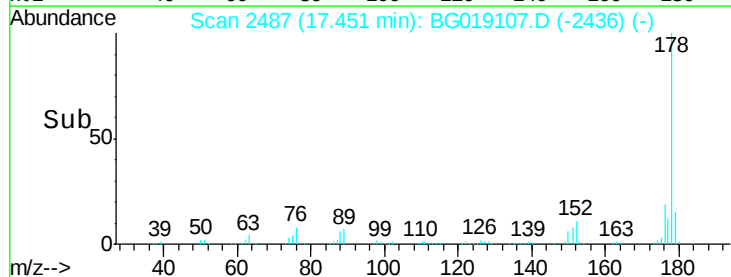
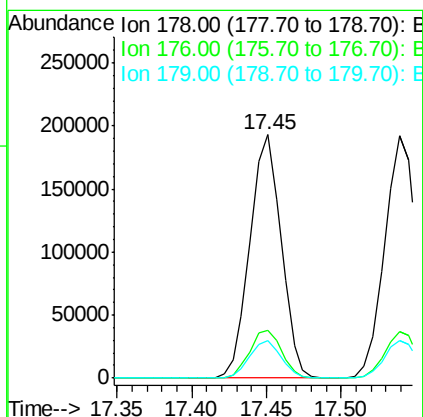
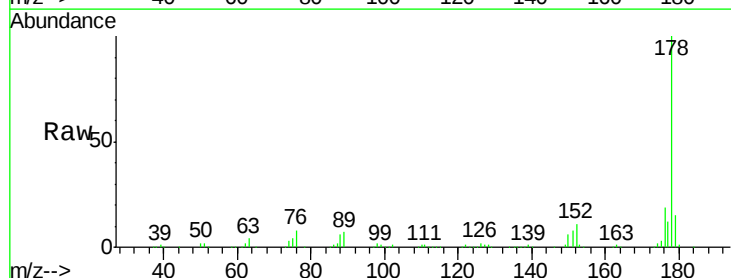
Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

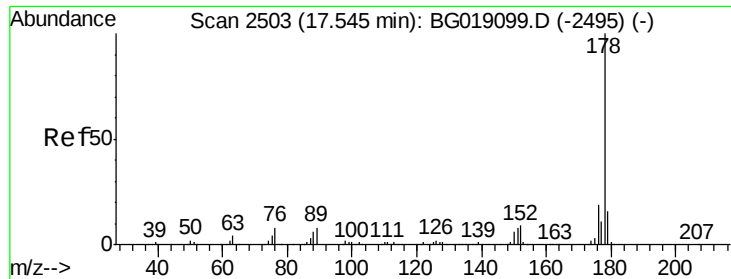
Tot Ion:266 Resp: 76213
 Ion Ratio Lower Upper
 266 100
 268 62.6 53.0 79.4
 264 63.5 50.1 75.1



#70
 Phenanthrene
 Concen: 38.24 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion:178 Resp: 280043
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.3 24.5
 179 15.4 12.8 19.2

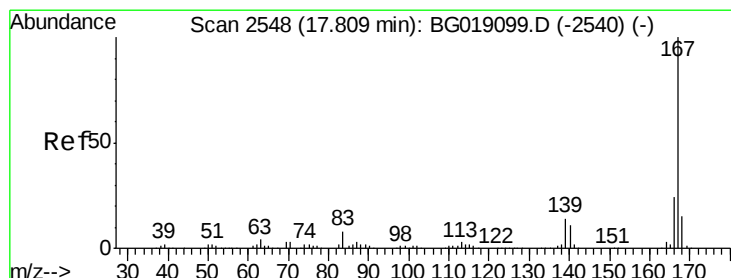
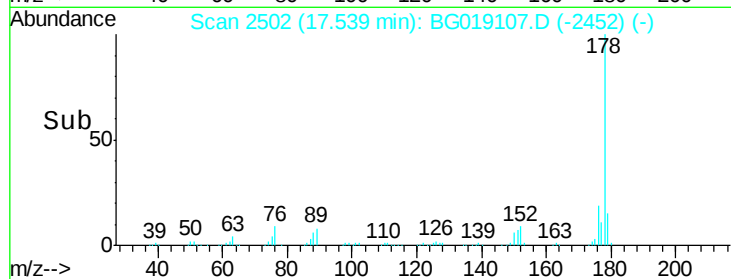
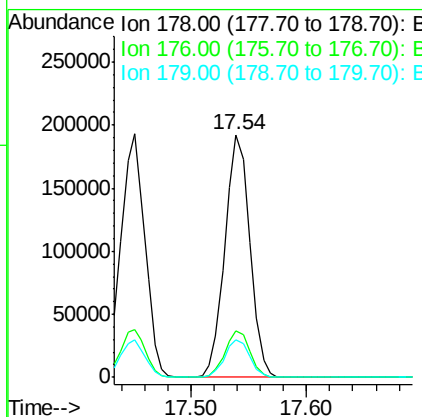
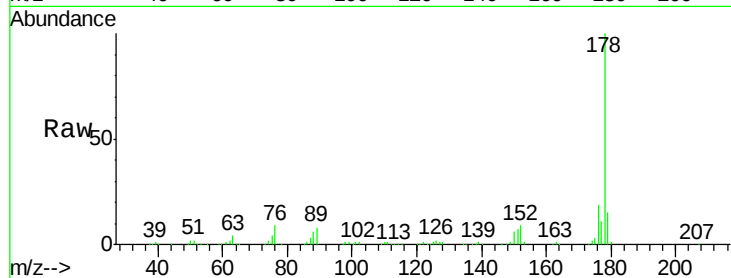




#71
 Anthracene
 Concen: 39.39 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

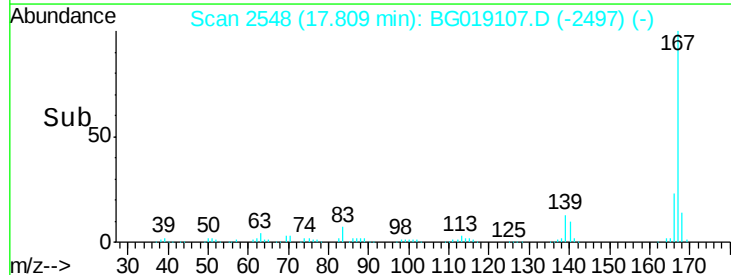
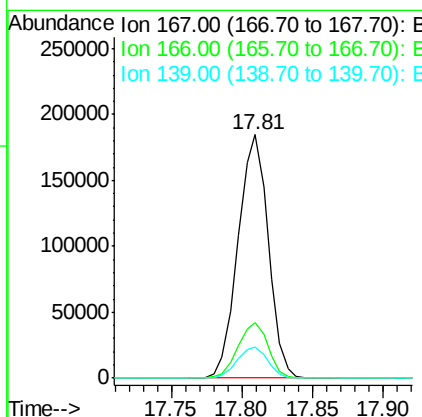
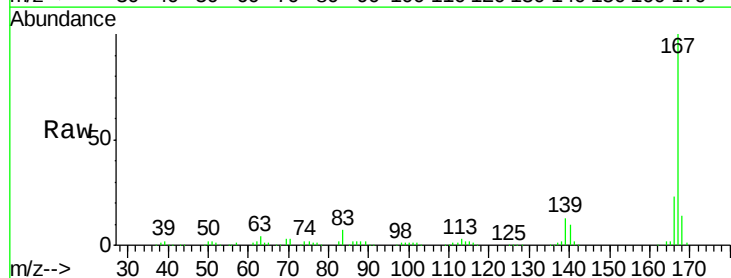
Instrument :
 BNA_G
 ClientSampled :
 PB85978BS

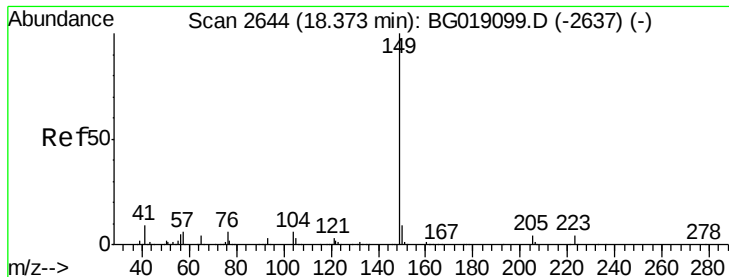
Tot Ion:178 Resp: 288577
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.3 12.9 19.3



#72
 Carbazole
 Concen: 40.25 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion:167 Resp: 275990
 Ion Ratio Lower Upper
 167 100
 166 22.9 19.1 28.7
 139 12.7 11.2 16.8

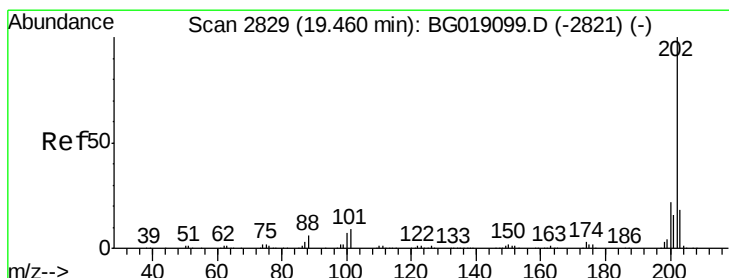
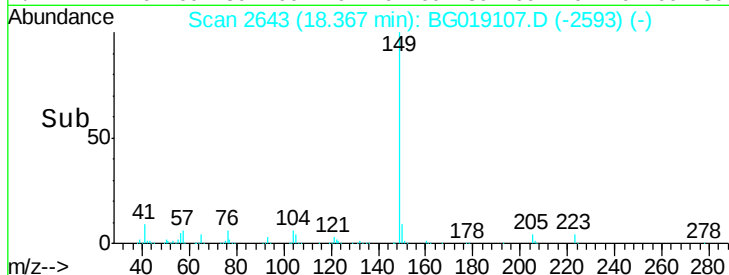
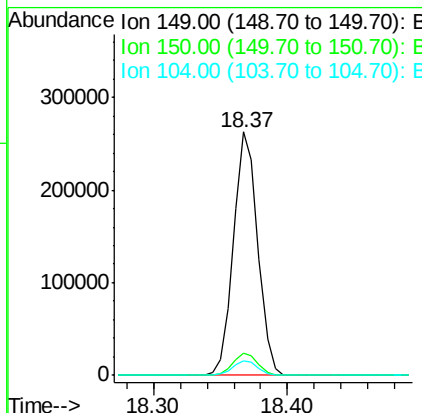
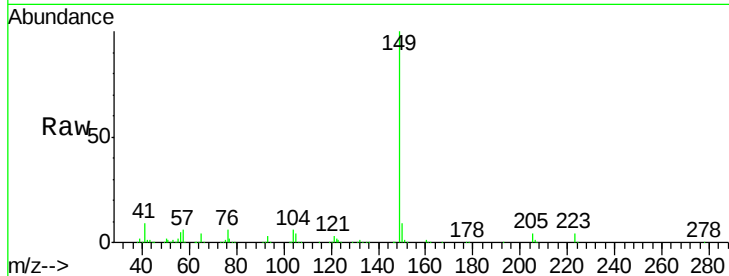




#73
Di-n-butylphthalate
Concen: 39.55 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

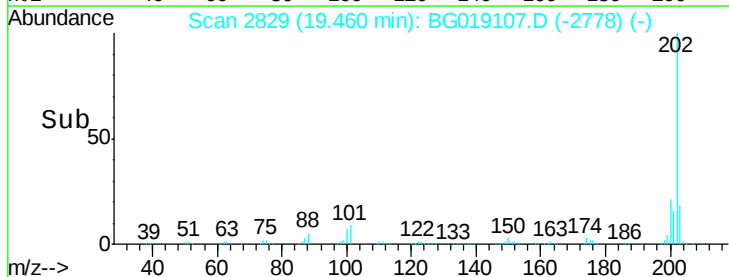
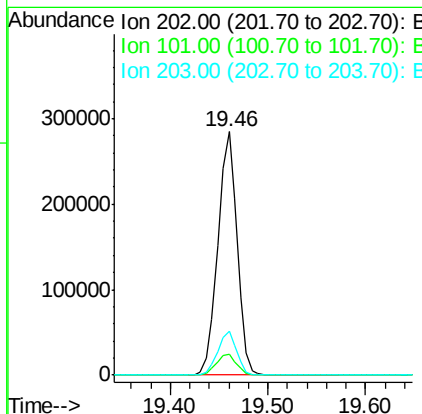
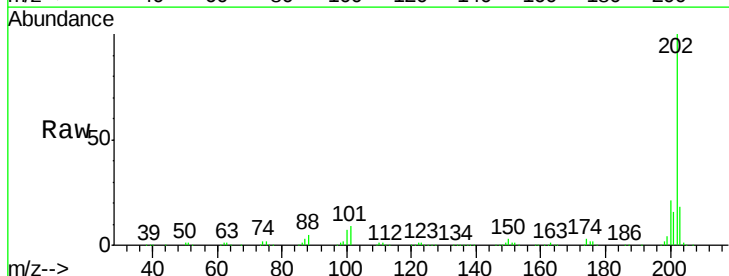
Instrument :
BNA_G
ClientSampleId :
PB85978BS

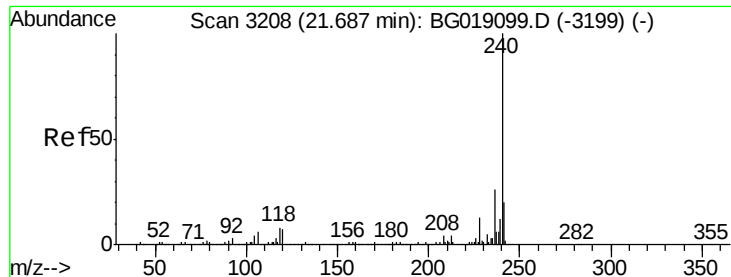
Tot Ion:149 Resp: 332204
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.9 5.0 7.6



#74
Fluoranthene
Concen: 41.23 ng
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion:202 Resp: 388514
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.9
203 18.2 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

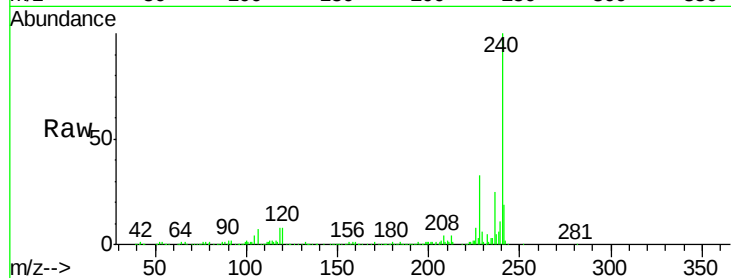
Tot Ion:240 Resp: 186376

Ion Ratio Lower Upper

240 100

120 8.3 5.8 8.6

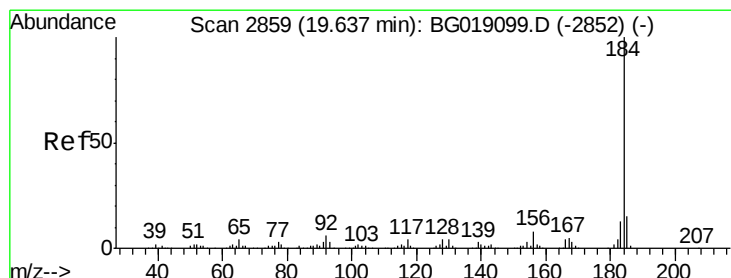
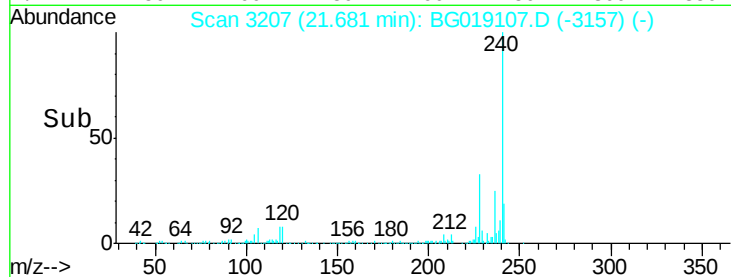
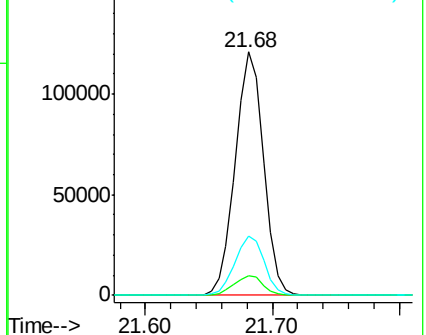
236 24.6 21.2 31.8



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: 25.77 ng

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

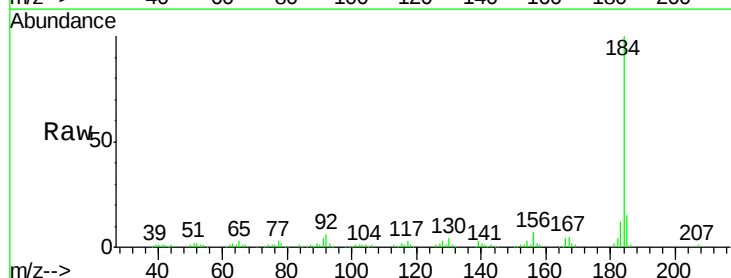
Tgt Ion:184 Resp: 123229

Ion Ratio Lower Upper

184 100

185 14.5 11.9 17.9

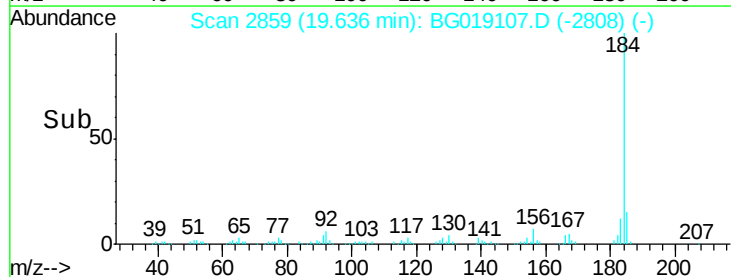
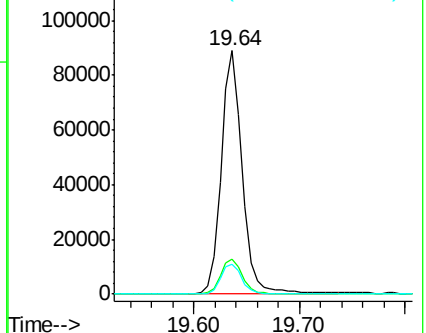
183 12.1 10.1 15.1



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: 38.04 ng

RT: 19.82 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

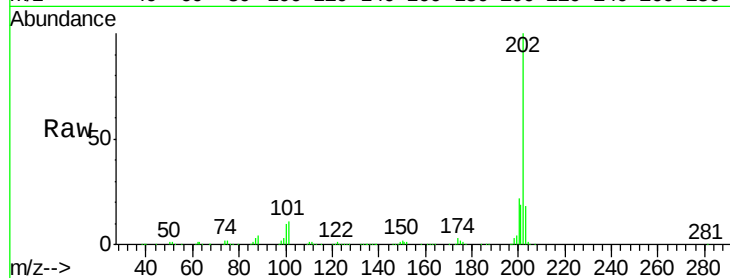
Tot Ion:202 Resp: 397018

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

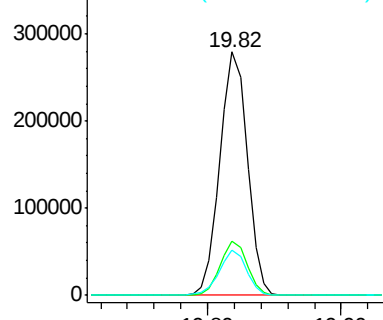
203 18.4 14.8 22.2



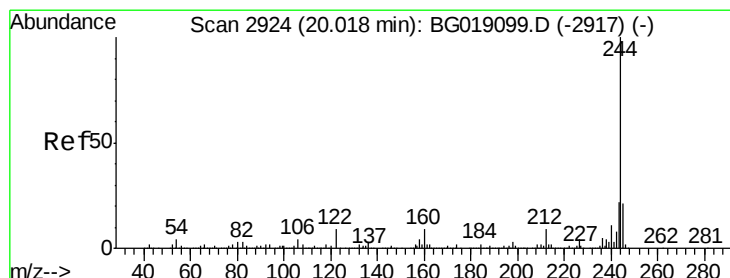
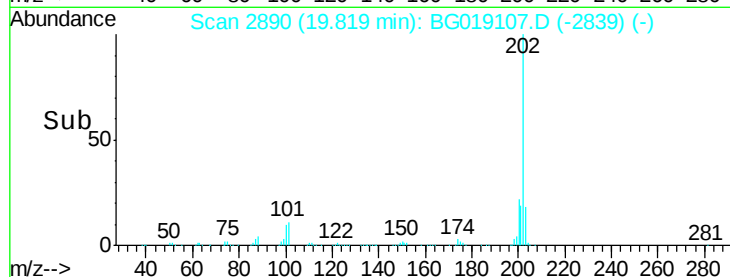
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 80.63 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

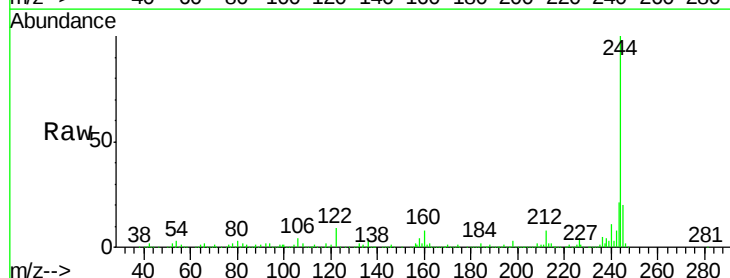
Tgt Ion:244 Resp: 568860

Ion Ratio Lower Upper

244 100

212 8.4 6.8 10.2

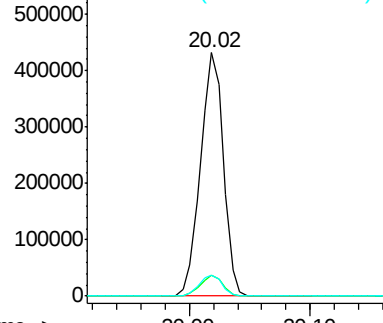
122 8.8 7.4 11.2



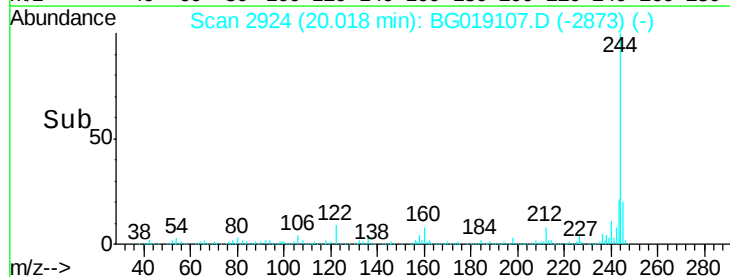
Abundance Ion 244.00 (243.70 to 244.70): E

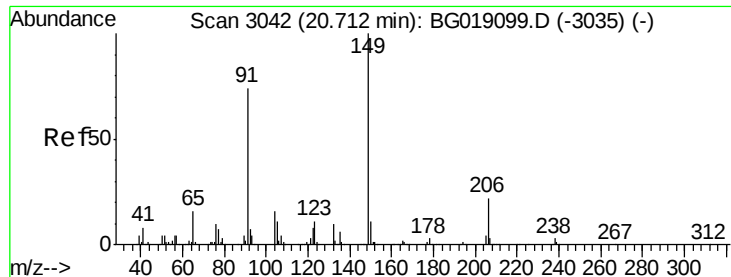
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

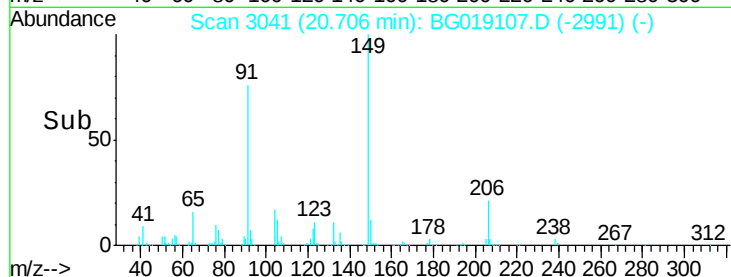
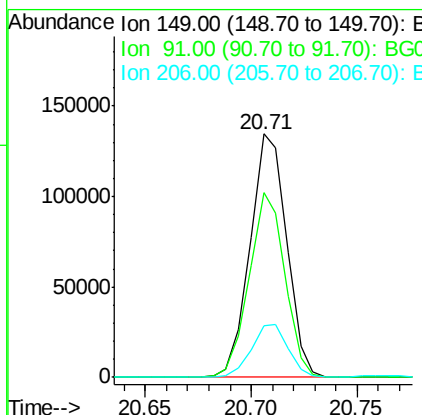
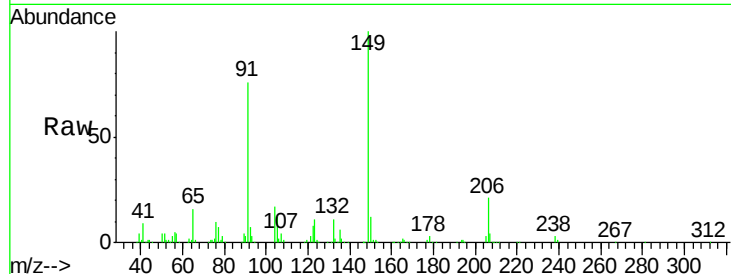




#79
Butylbenzylphthalate
Concen: 38.16 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

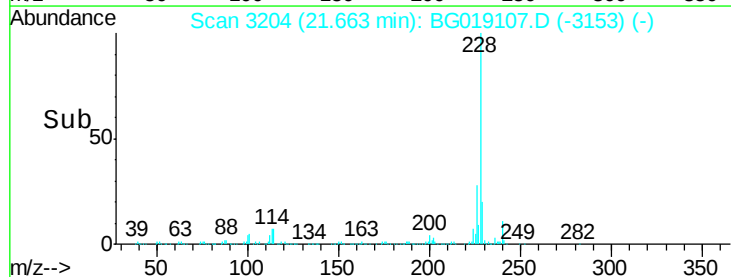
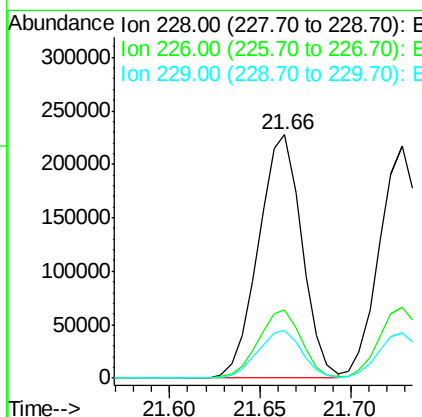
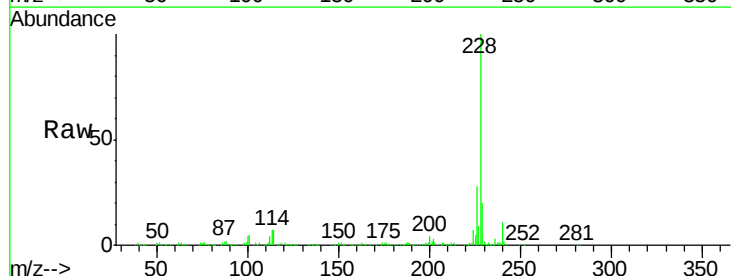
Instrument :
BNA_G
ClientSampleId :
PB85978BS

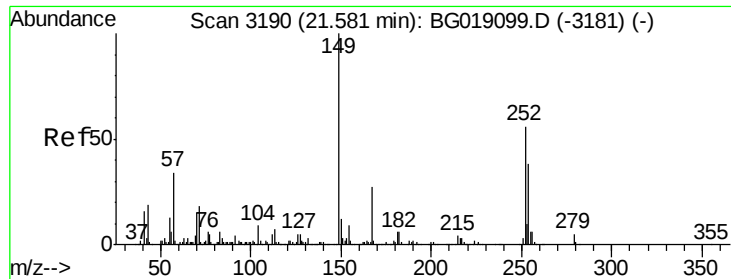
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.7	59.2	88.8
206	21.4	17.5	26.3



#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 21.66 min Scan# 3204
Delta R.T. -0.00 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	19.6	16.2	24.2

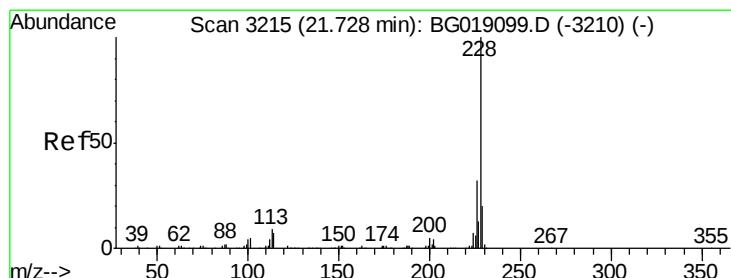
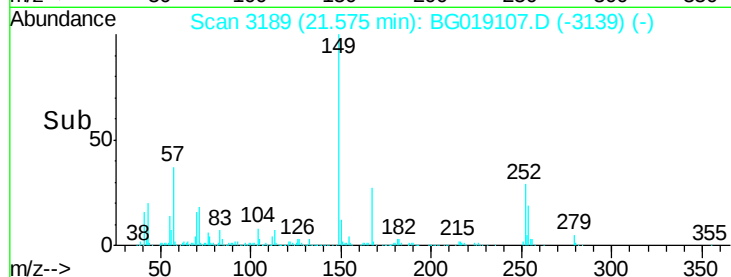
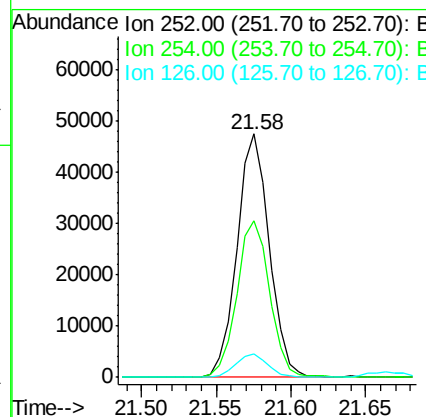
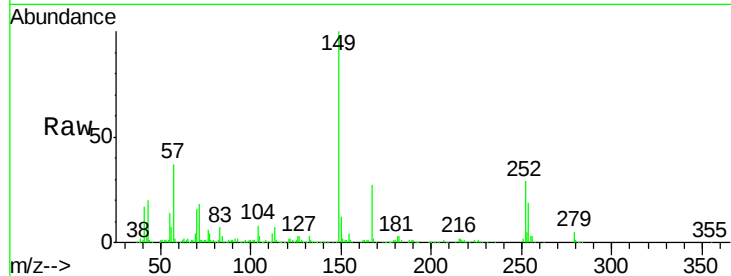




#81
 3,3'-Dichlorobenzidine
 Concen: 19.35 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

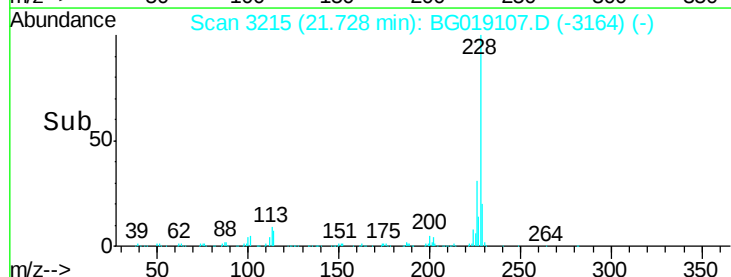
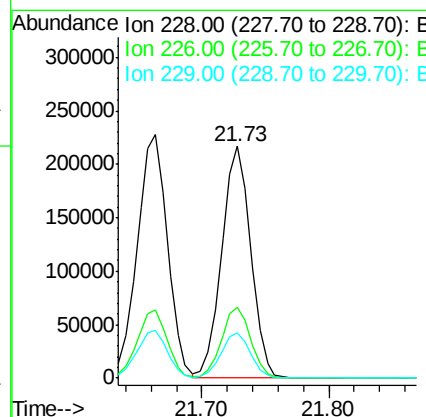
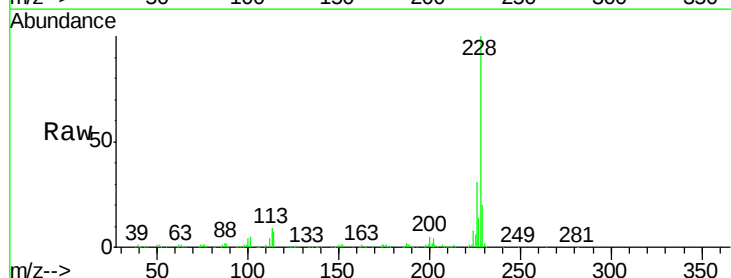
Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

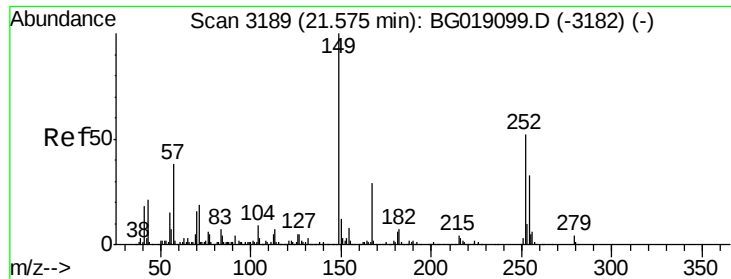
Tot Ion:252 Resp: 71524
 Ion Ratio Lower Upper
 252 100
 254 64.3 53.9 80.9
 126 9.4 7.0 10.6



#82
 Chrysene
 Concen: 36.29 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion:228 Resp: 344162
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.2 37.8
 229 19.7 16.3 24.5

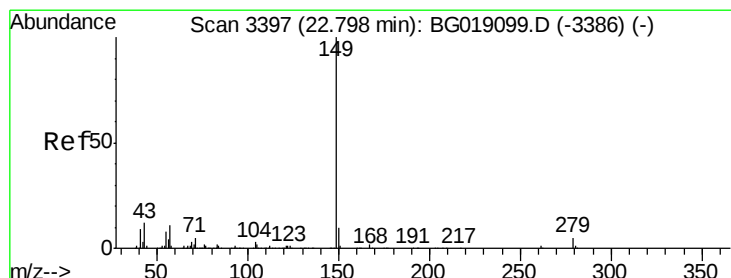
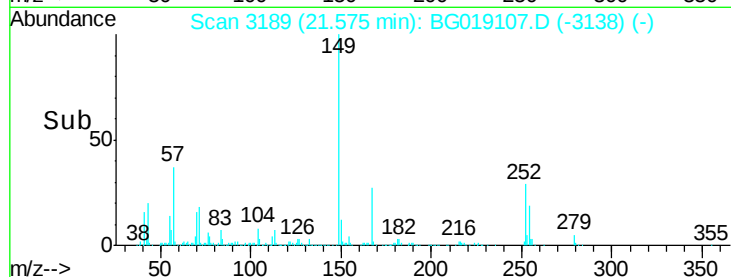
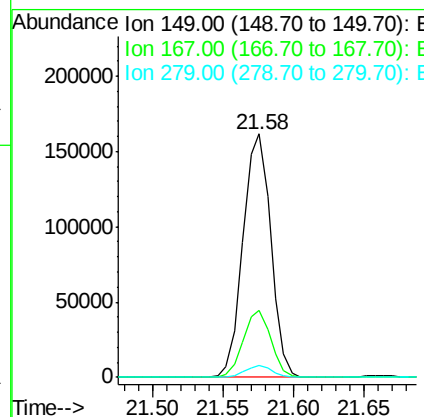
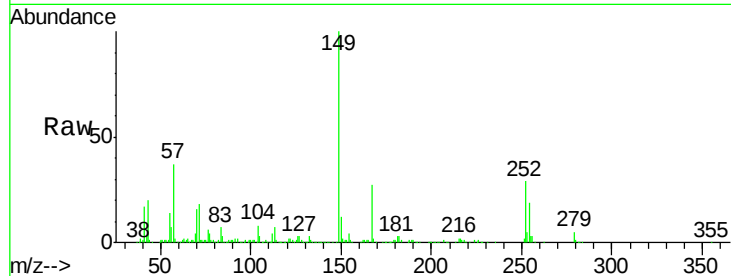




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.68 ng
 RT: 21.58 min Scan# 3189
 Delta R.T. -0.00 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

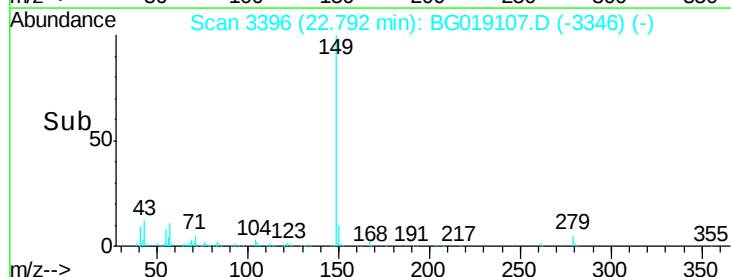
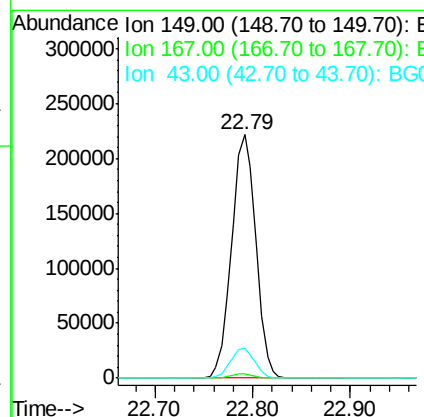
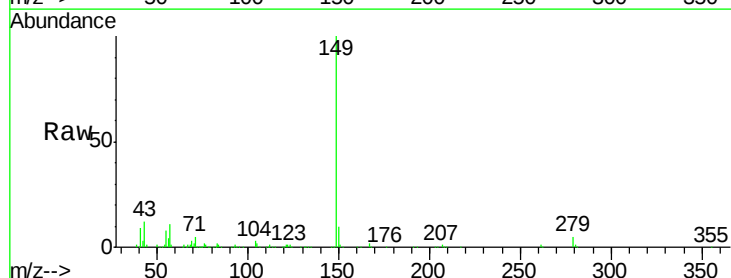
Instrument :
 BNA_G
 ClientSampleId :
 PB85978BS

Tot Ion:149 Resp: 222558
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.8 34.2
 279 4.8 3.6 5.4



#84
 Di-n-octyl phthalate
 Concen: 37.38 ng
 RT: 22.79 min Scan# 3396
 Delta R.T. -0.01 min
 Lab File: BG019107.D
 Acq: 10 Oct 2015 8:35

Tgt Ion:149 Resp: 381363
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.3 10.1 15.1

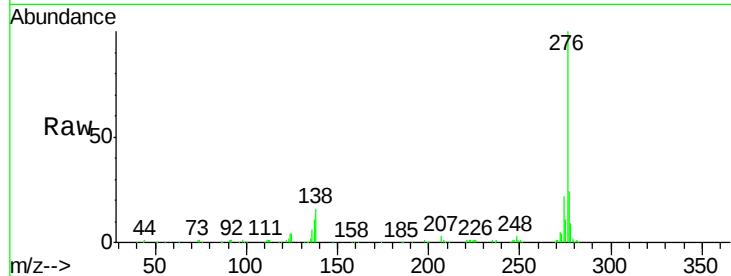




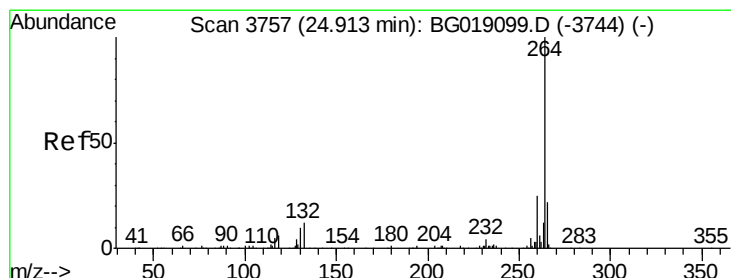
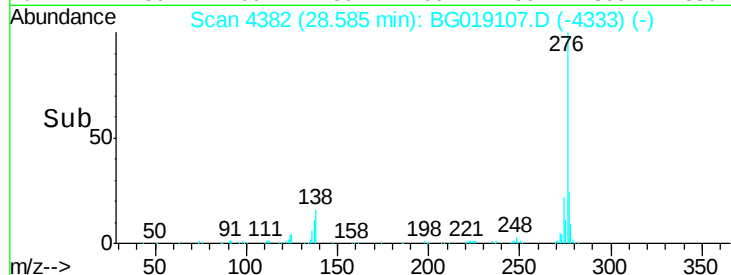
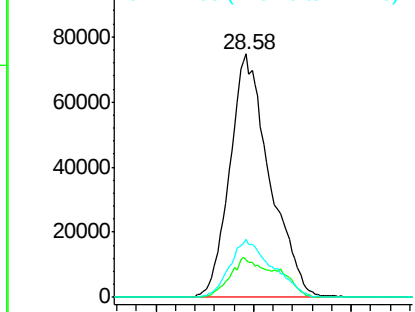
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.70 ng
RT: 28.58 min Scan# 4382
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Instrument :
BNA_G
ClientSampleId :
PB85978BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	10.2	15.4
277	25.2	20.2	30.4

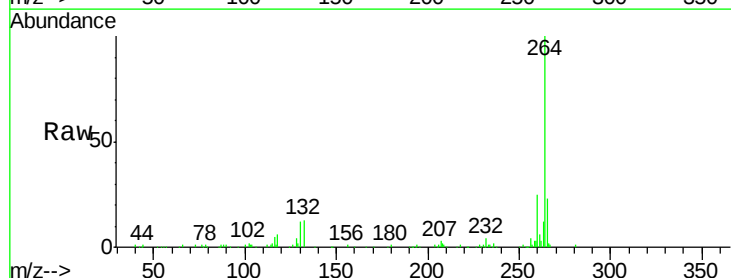


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

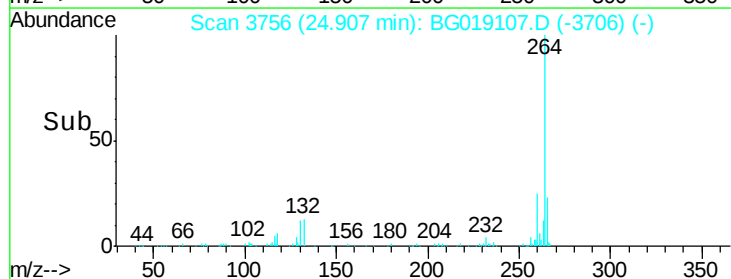
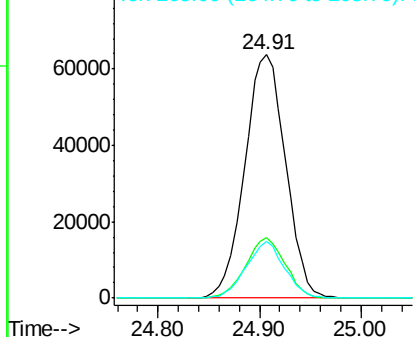


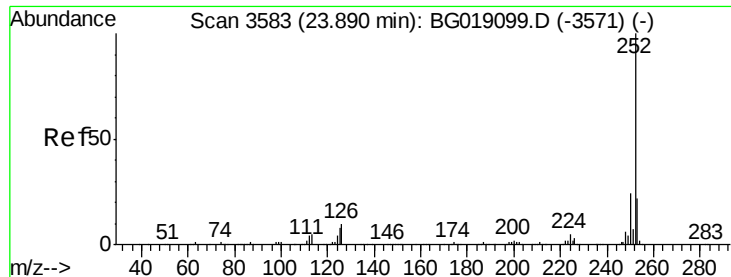
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019107.D
Acq: 10 Oct 2015 8:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	23.5	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: 38.81 ng

RT: 23.88 min Scan# 3582

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

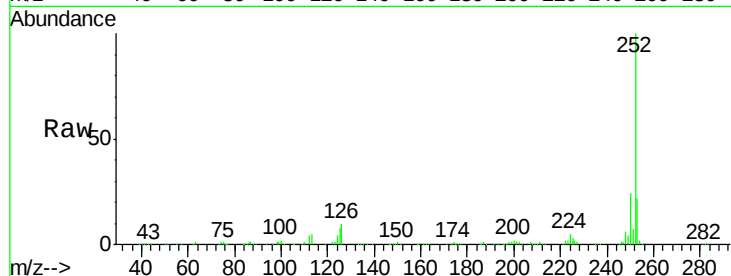
Tot Ion:252 Resp: 371144

Ion Ratio Lower Upper

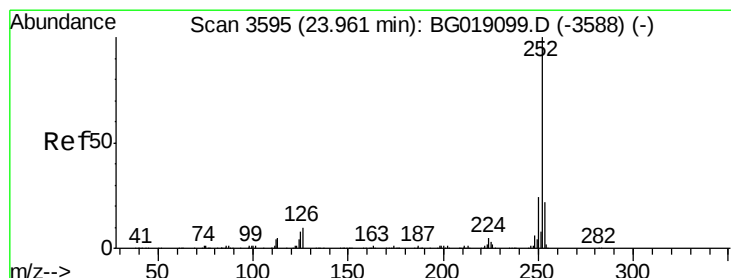
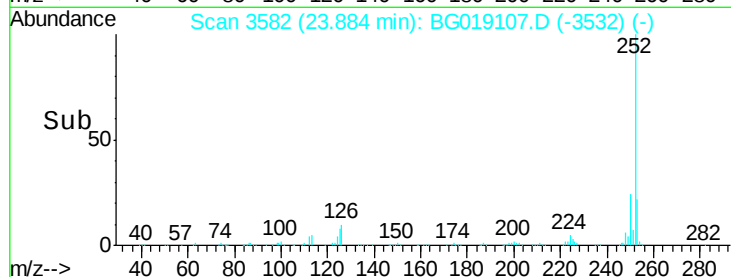
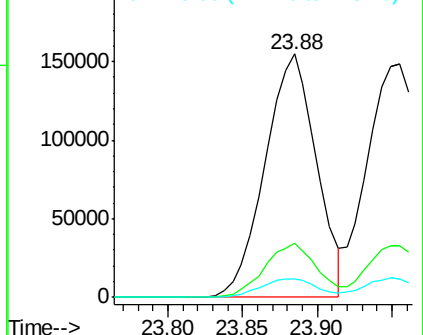
252 100

253 22.1 17.5 26.3

125 7.6 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: 38.71 ng

RT: 23.95 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

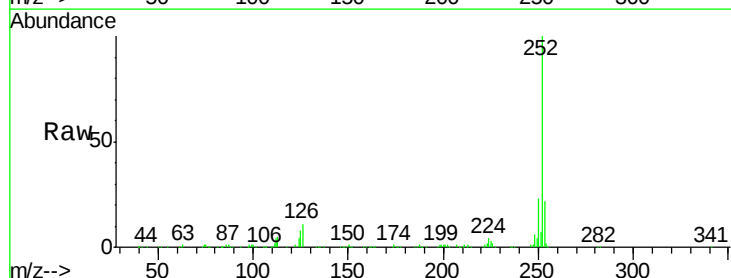
Tgt Ion:252 Resp: 365382

Ion Ratio Lower Upper

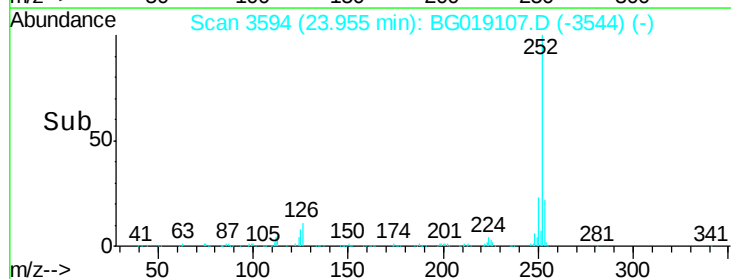
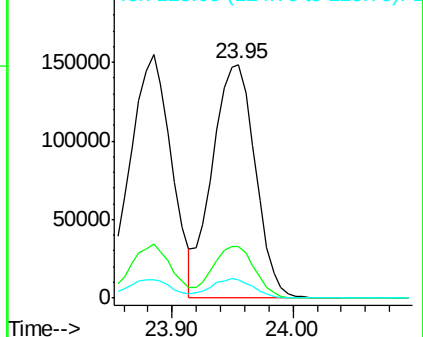
252 100

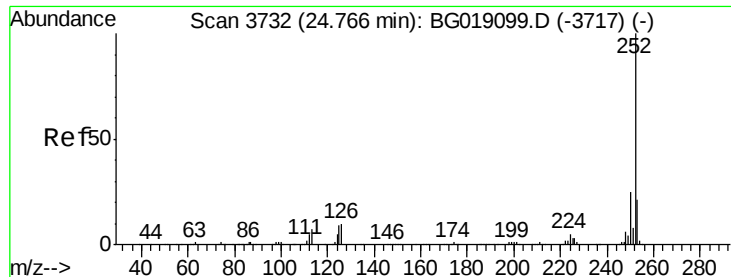
253 22.1 17.0 25.4

125 7.6 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: 40.17 ng

RT: 24.76 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

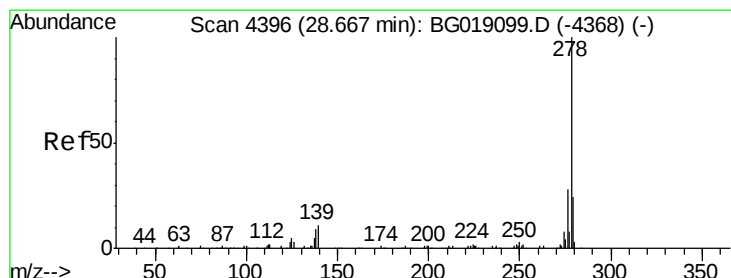
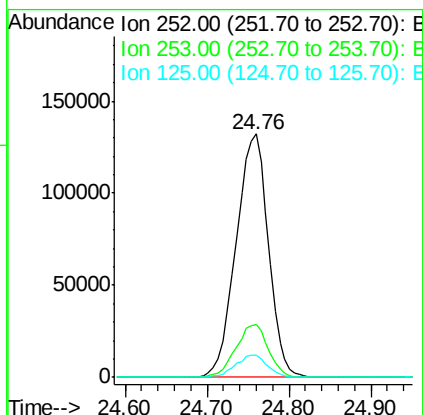
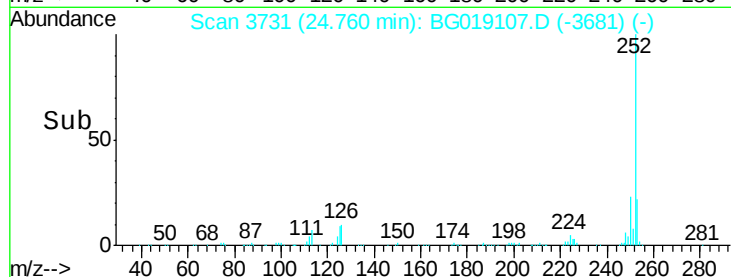
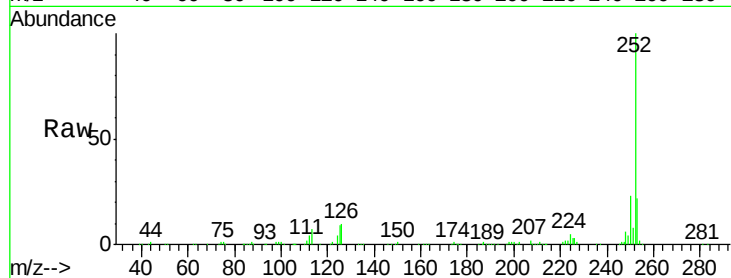
Tot Ion:252 Resp: 362864

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 8.9 7.2 10.8



#90

Dibenzo(a,h)anthracene

Concen: 38.47 ng

RT: 28.66 min Scan# 4394

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

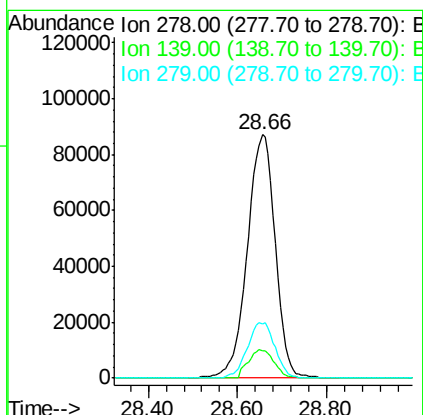
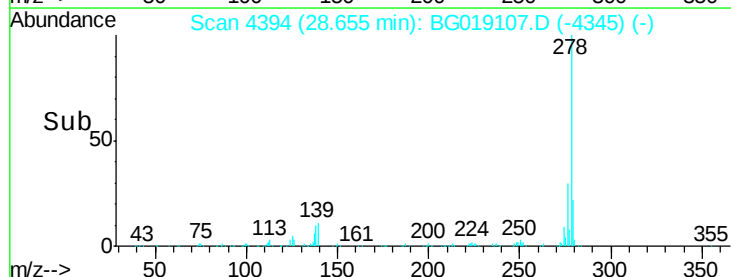
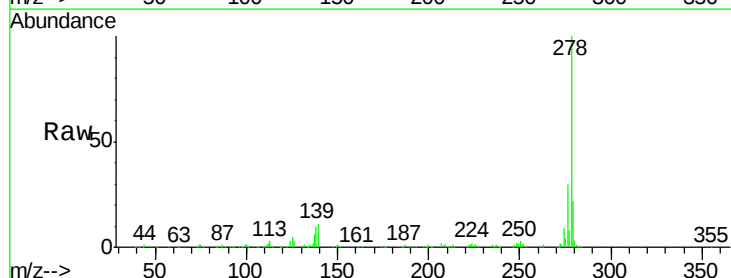
Tgt Ion:278 Resp: 373118

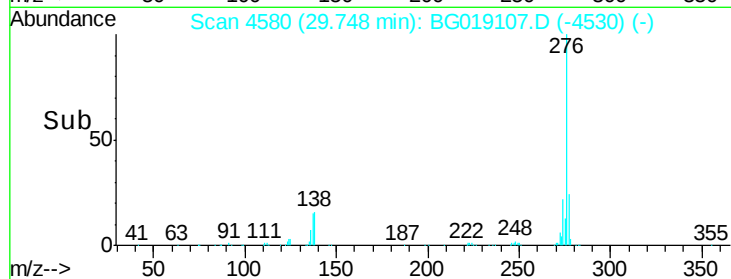
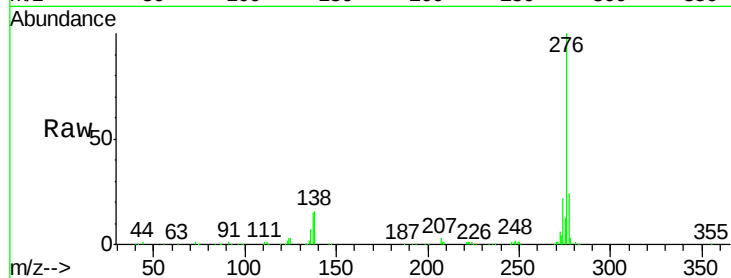
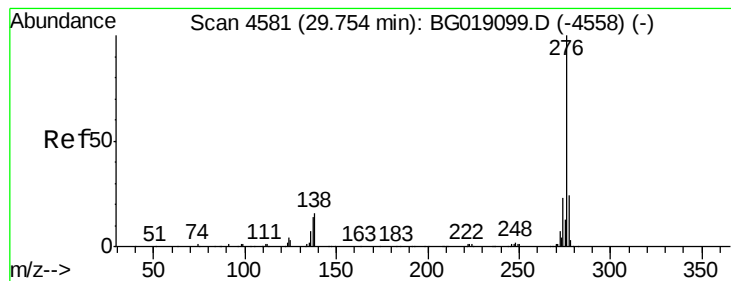
Ion Ratio Lower Upper

278 100

139 11.4 8.6 12.8

279 22.0 19.5 29.3





#91

Benzo(a,h,i)perylene

Concen: 38.42 ng

RT: 29.75 min Scan# 4580

Delta R.T. -0.01 min

Lab File: BG019107.D

Acq: 10 Oct 2015 8:35

Instrument :

BNA_G

ClientSampleId :

PB85978BS

Tot Ion: 276 Resp: 346550

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 16.2 13.0 19.6

