

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019104.D
 Acq On : 10 Oct 2015 6:42
 Operator : UM/NP
 Sample : PB85924BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Quant Time: Oct 12 05:00:40 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	18919	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	85127	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	58180	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	152171	20.00	ng	0.00
75) Chrysene-d12	21.68	240	189935	20.00	ng	0.00
86) Perylene-d12	24.91	264	179531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	128919	138.74	ng	0.00
7) Phenol-d6	7.20	99	196403	137.59	ng	0.00
23) Nitrobenzene-d5	9.19	82	130229	84.53	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	106785	134.69	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	310113	81.96	ng	0.00
78) Terphenyl-d14	20.02	244	632748	88.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	12384	31.69	ng	96
3) Pyridine	3.90	79	39398	32.97	ng	95
4) n-Nitrosodimethylamine	3.81	42	25597	37.78	ng	92
6) Aniline	7.36	93	55391	28.66	ng	97
8) 2-Chlorophenol	7.60	128	51265	43.97	ng	97
9) Benzaldehyde	7.17	77	11089	12.33	ng	96
10) Phenol	7.23	94	67106	45.15	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	47155	41.98	ng	99
12) 1,3-Dichlorobenzene	7.92	146	50825	39.93	ng	95
13) 1,4-Dichlorobenzene	8.07	146	52855	40.58	ng	98
14) 1,2-Dichlorobenzene	8.39	146	50313	39.92	ng	98
15) Benzyl Alcohol	8.27	79	54021	42.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	100044	41.59	ng	99
17) 2-Methylphenol	8.47	107	47580	44.82	ng	99
18) Hexachloroethane	9.12	117	19596	39.48	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	42233	37.29	ng	98
20) 3+4-Methylphenols	8.80	107	66146	43.26	ng	97
22) Acetophenone	8.85	105	79643	40.01	ng	# 99
24) Nitrobenzene	9.24	77	65338	39.97	ng	98
25) Isophorone	9.76	82	121149	38.65	ng	99
26) 2-Nitrophenol	9.95	139	28300	40.61	ng	97
27) 2,4-Dimethylphenol	10.01	122	53618	44.02	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	66790	39.94	ng	98
29) 2,4-Dichlorophenol	10.48	162	56392	44.17	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	53210	38.83	ng	95
31) Naphthalene	10.89	128	162425	39.65	ng	99
32) Benzoic acid	10.14	122	27761	38.54	ng	86
33) 4-Chloroaniline	10.99	127	41979	22.05	ng	98
34) Hexachlorobutadiene	11.17	225	36243	38.57	ng	95
35) Caprolactam	11.76	113	8955	19.04	ng	# 89
36) 4-Chloro-3-methylphenol	12.11	107	69189	42.63	ng	97
37) 2-Methylnaphthalene	12.49	142	126789	39.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	68673	41.07	ng	99
40) Hexachlorocyclopentadiene	12.84	237	83338	95.81	ng	99

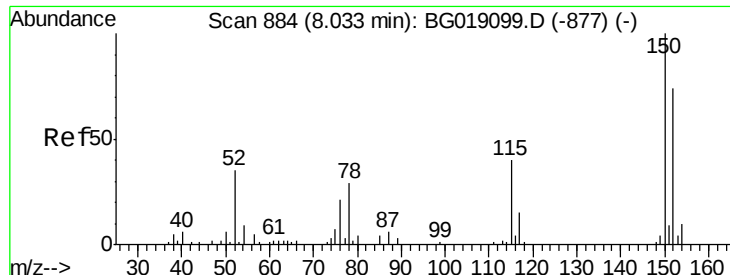
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	48627	41.77	nq	94
43) 2,4,5-Trichlorophenol	13.17	196	55038	44.49	nq	97
45) 1,1'-Biphenyl	13.50	154	170847	40.43	nq	99
46) 2-Chloronaphthalene	13.54	162	133655	41.11	nq	97
47) 2-Nitroaniline	13.74	65	55033	42.16	nq	93
48) Acenaphthylene	14.38	152	229375	40.01	nq	99
49) Dimethylphthalate	14.11	163	190837	41.53	nq	100
50) 2,6-Dinitrotoluene	14.23	165	42224	43.01	nq	94
51) Acenaphthene	14.73	154	140179	40.66	nq	97
52) 3-Nitroaniline	14.56	138	31354	28.95	nq	# 98
53) 2,4-Dinitrophenol	14.76	184	50152	84.62	nq	92
54) Dibenzofuran	15.06	168	221286	43.44	nq	96
55) 4-Nitrophenol	14.88	139	78476	95.73	nq	98
56) 2,4-Dinitrotoluene	15.02	165	64639	45.29	nq	96
57) Fluorene	15.71	166	188434	42.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	55521	47.41	nq	99
59) Diethylphthalate	15.48	149	203957	42.73	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	94997	42.19	nq	99
61) 4-Nitroaniline	15.73	138	49758	42.27	nq	91
62) Azobenzene	15.99	77	194256	43.89	nq	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	38446	46.27	nq	99
65) n-Nitrosodiphenylamine	15.92	169	171581	40.80	nq	99
66) 4-Bromophenyl-phenylether	16.59	248	66519	43.02	nq	98
67) Hexachlorobenzene	16.71	284	76680	42.22	nq	99
68) Atrazine	16.86	200	78511	45.33	nq	98
69) Pentachlorophenol	17.06	266	91598	96.75	nq	96
70) Phenanthrene	17.45	178	335879	42.89	nq	99
71) Anthracene	17.54	178	343588	43.86	nq	98
72) Carbazole	17.81	167	323784	44.16	nq	98
73) Di-n-butylphthalate	18.37	149	397494	44.26	nq	99
74) Fluoranthene	19.46	202	449626	44.62	nq	100
76) Benzidine	19.64	184	143823	29.51	nq	98
77) Pyrene	19.82	202	462688	43.50	nq	99
79) Butylbenzylphthalate	20.71	149	185307	42.76	nq	99
80) Benzo(a)anthracene	21.66	228	438092	43.03	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	102954	27.34	nq	97
82) Chrysene	21.73	228	396822	41.06	nq	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	255990	42.53	nq	100
84) Di-n-octyl phthalate	22.80	149	436206	41.95	nq	100
85) Indeno(1,2,3-cd)pyrene	28.59	276	486069	41.33	nq	# 94
87) Benzo(b)fluoranthene	23.88	252	429558	44.50	nq	99
88) Benzo(k)fluoranthene	23.95	252	418261	43.89	nq	99
89) Benzo(a)pyrene	24.76	252	413077	45.30	nq	98
90) Dibenzo(a,h)anthracene	28.66	278	426709	43.58	nq	98
91) Benzo(g,h,i)perylene	29.75	276	400083	43.94	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019104.D

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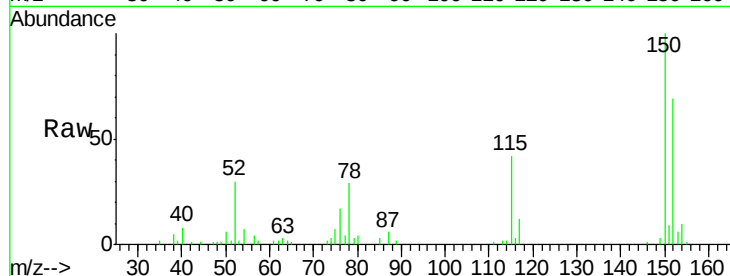
Tot Ion:152 Resp: 18919

Ion Ratio Lower Upper

152 100

150 145.1 108.2 162.2

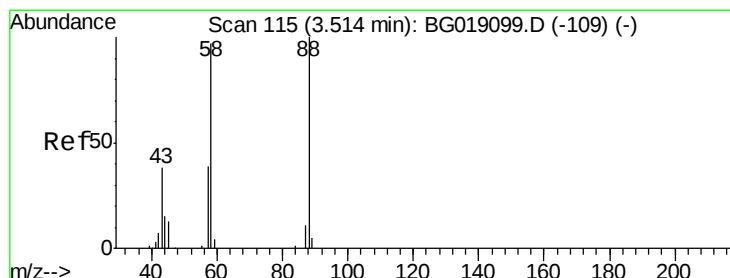
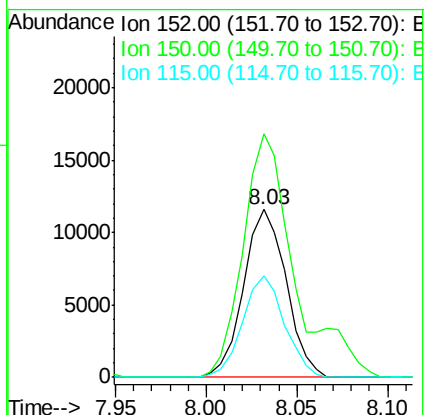
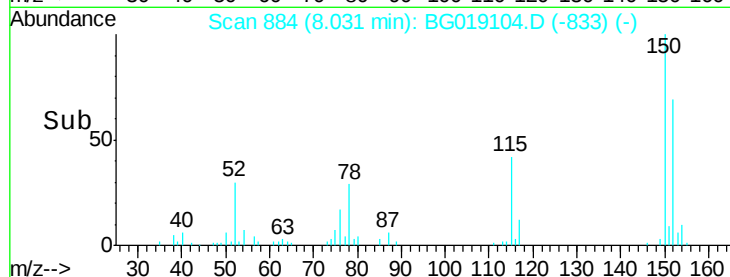
115 60.6 43.2 64.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.69 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

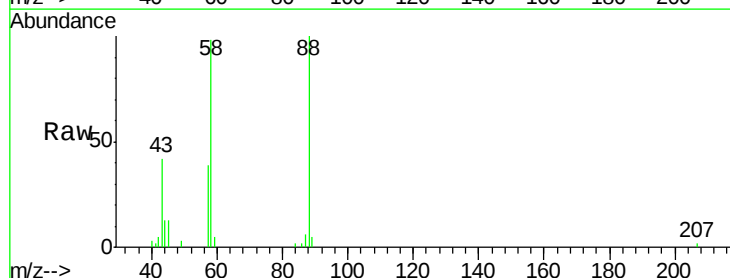
Tgt Ion: 88 Resp: 12384

Ion Ratio Lower Upper

88 100

58 106.6 81.1 121.7

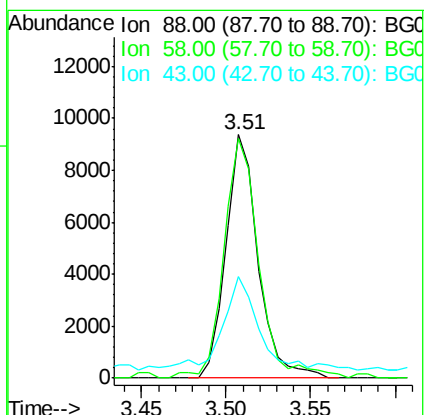
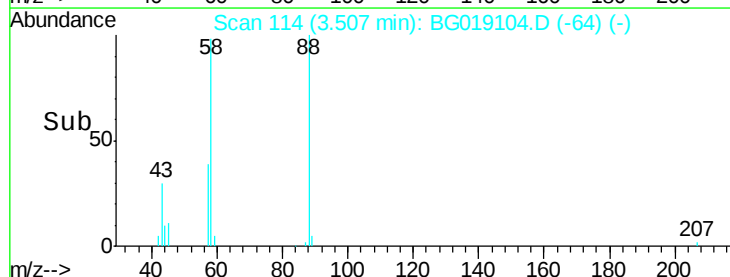
43 38.6 31.0 46.6

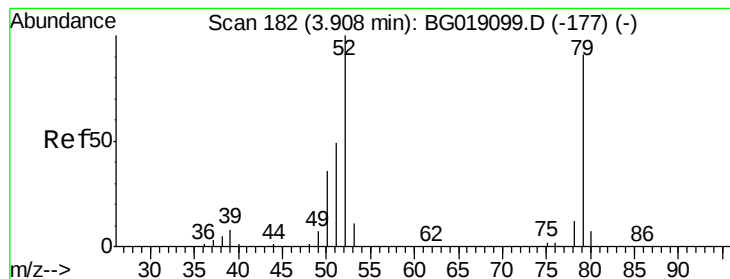


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.97 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

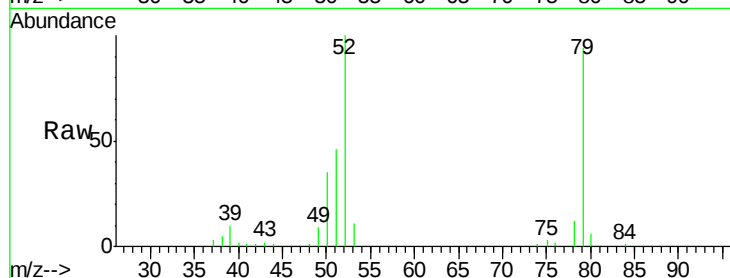
Tot Ion: 79 Resp: 39398

Ion Ratio Lower Upper

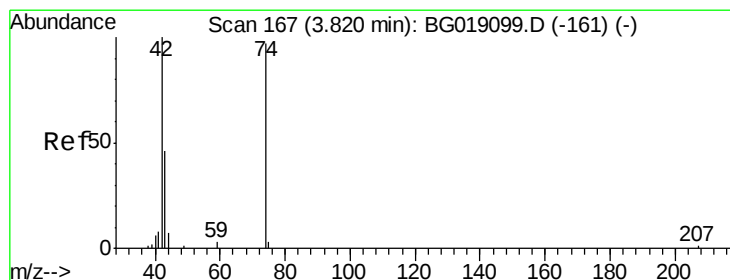
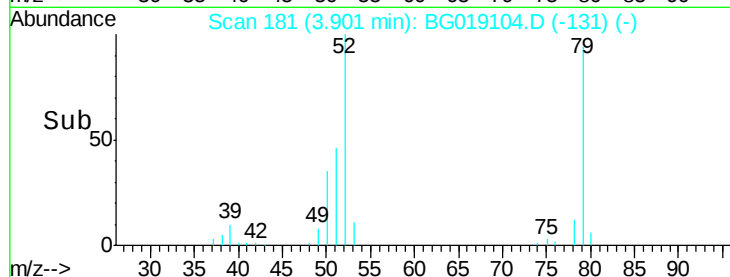
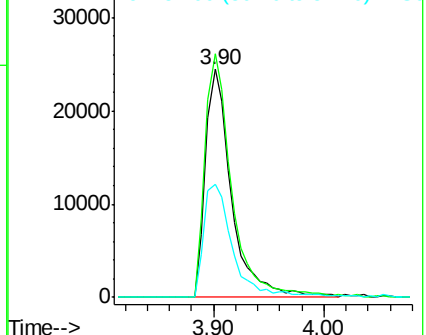
79 100

52 106.8 88.3 132.5

51 49.5 44.6 66.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.78 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

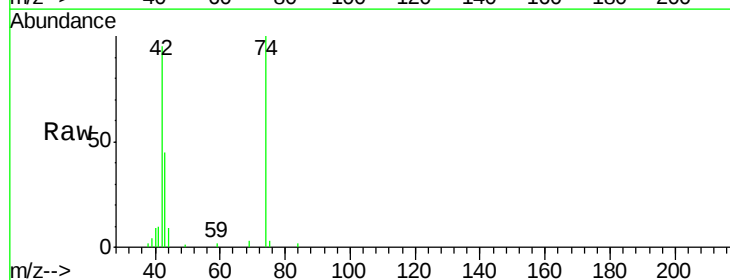
Tgt Ion: 42 Resp: 25597

Ion Ratio Lower Upper

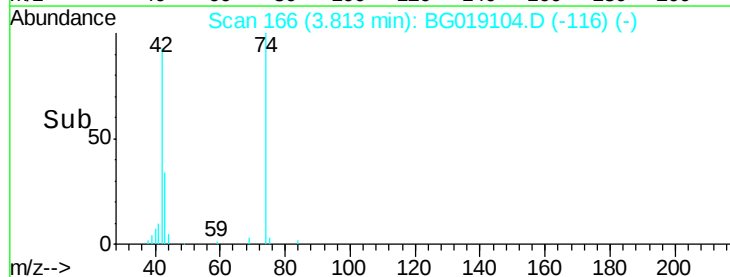
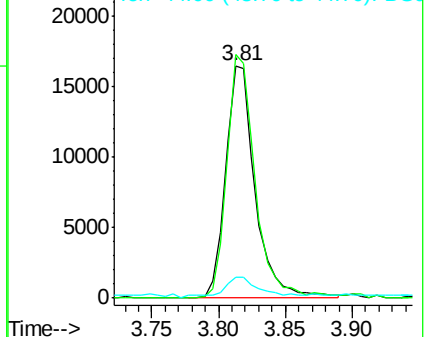
42 100

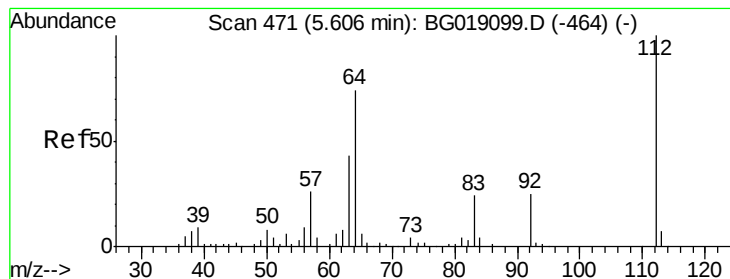
74 104.9 77.3 115.9

44 9.1 7.2 10.8



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.74 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

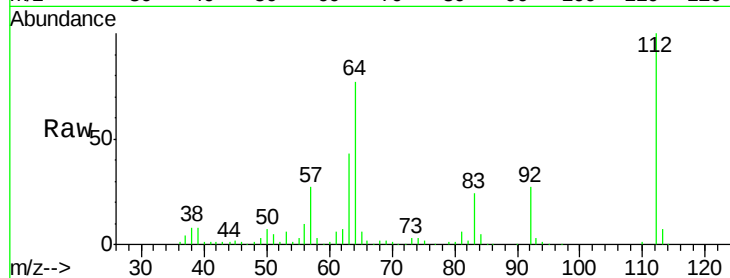
Tot Ion: 112 Resp: 128919

Ion Ratio Lower Upper

112 100

64 76.7 59.0 88.4

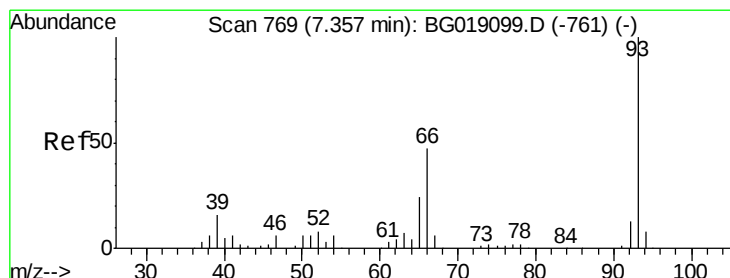
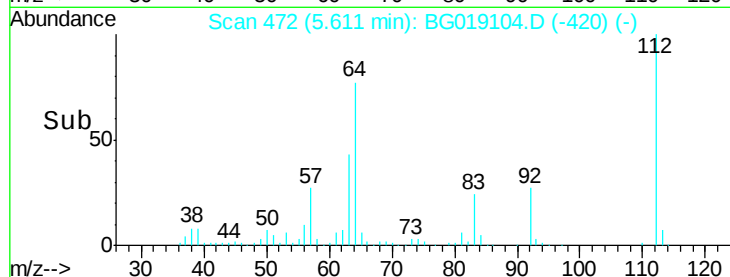
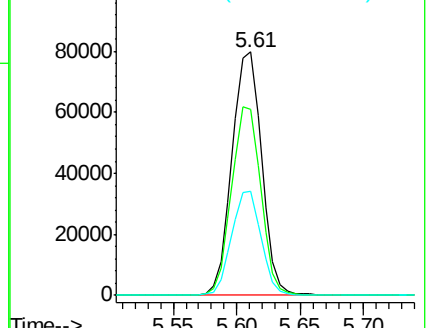
63 42.8 34.7 52.1



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: 28.66 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

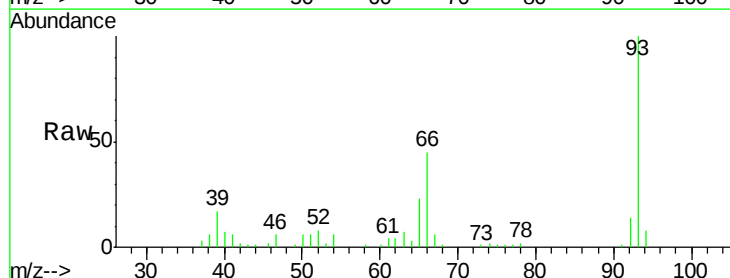
Tgt Ion: 93 Resp: 55391

Ion Ratio Lower Upper

93 100

66 44.7 37.4 56.2

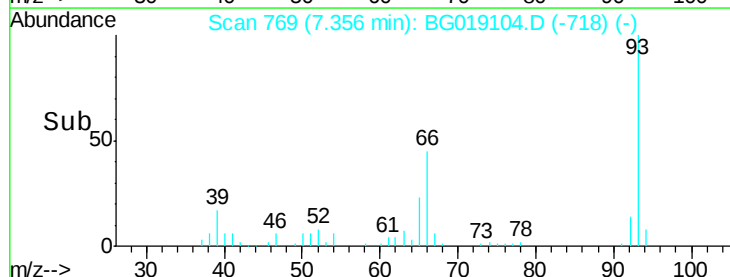
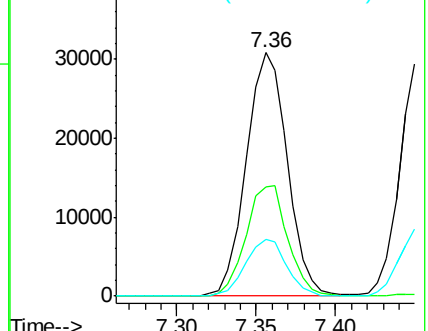
65 23.2 19.6 29.4



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: 137.59 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

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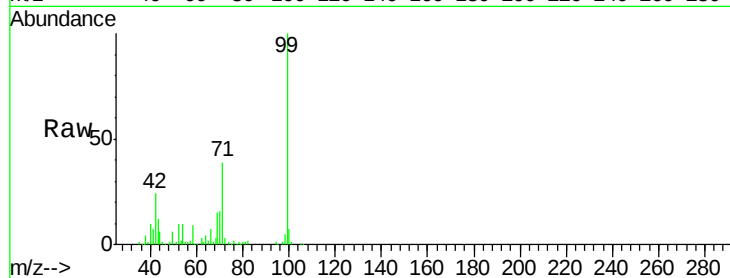
Tot Ion: 99 Resp: 196403

Ion Ratio Lower Upper

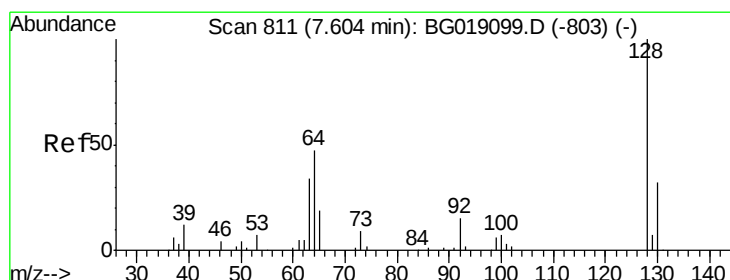
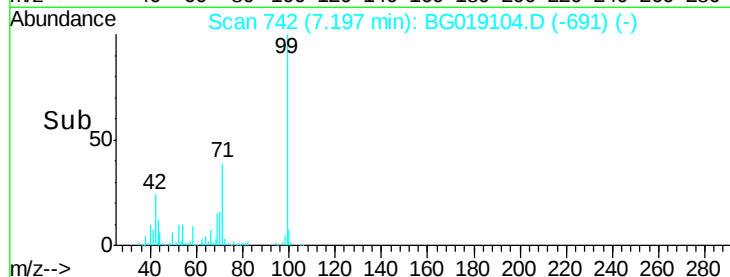
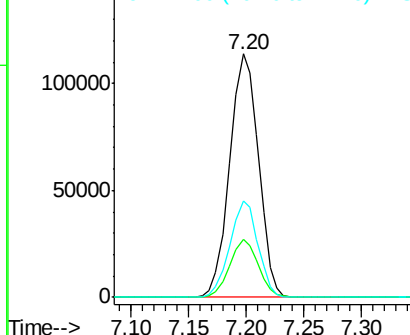
99 100

42 23.7 19.5 29.3

71 39.4 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: 43.97 ng

RT: 7.60 min Scan# 811

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

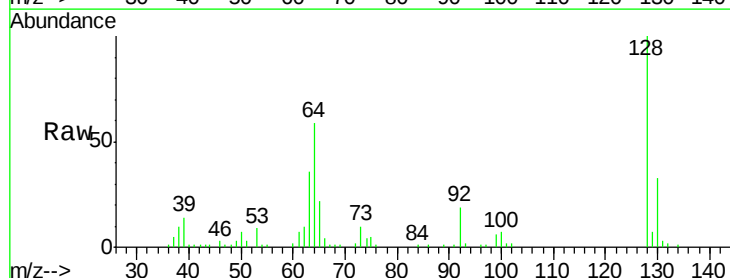
Tgt Ion: 128 Resp: 51265

Ion Ratio Lower Upper

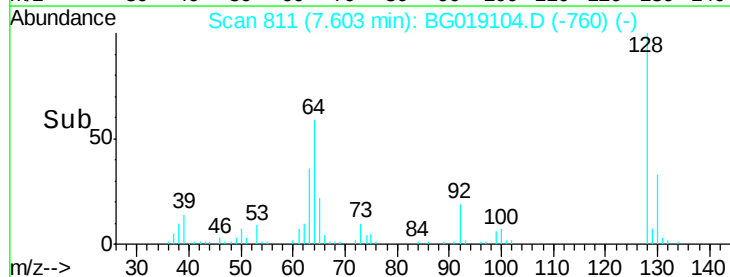
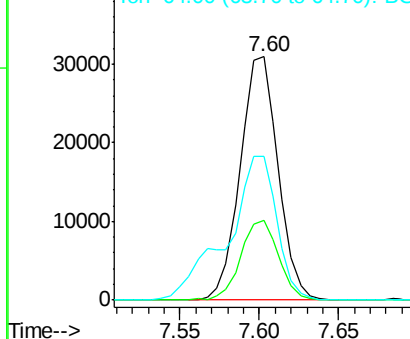
128 100

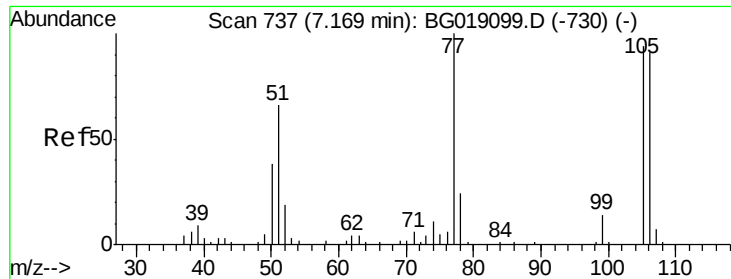
130 32.8 12.3 52.3

64 59.0 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: 12.33 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

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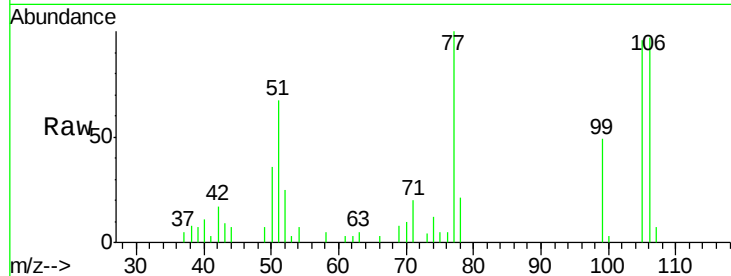
Tot Ion: 77 Resp: 11089

Ion Ratio Lower Upper

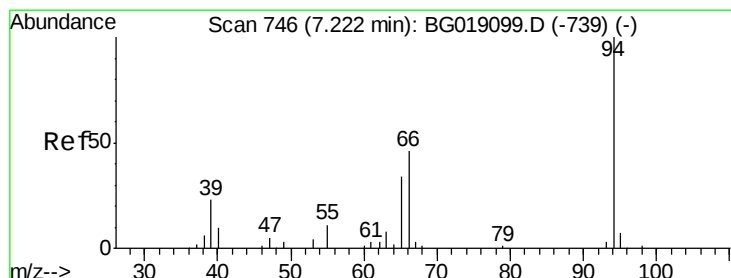
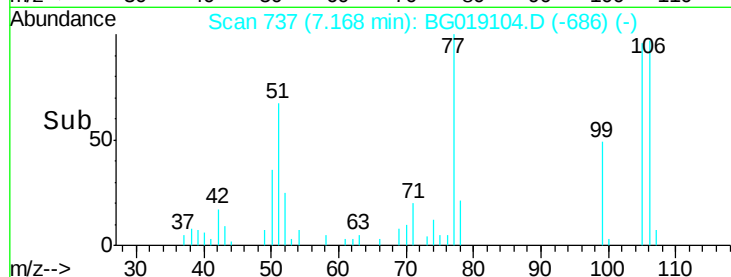
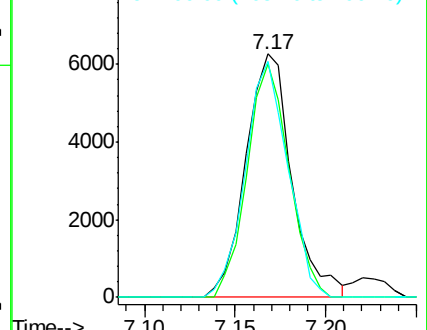
77 100

105 95.6 73.7 113.7

106 96.8 71.0 111.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.15 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

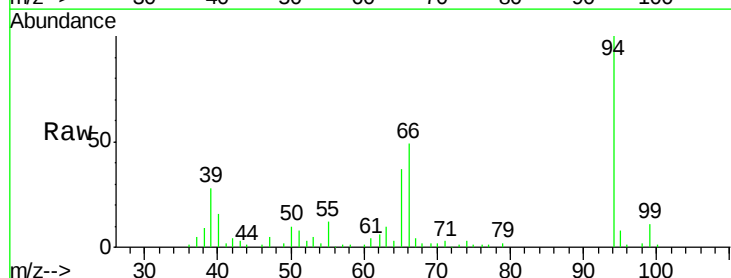
Tgt Ion: 94 Resp: 67106

Ion Ratio Lower Upper

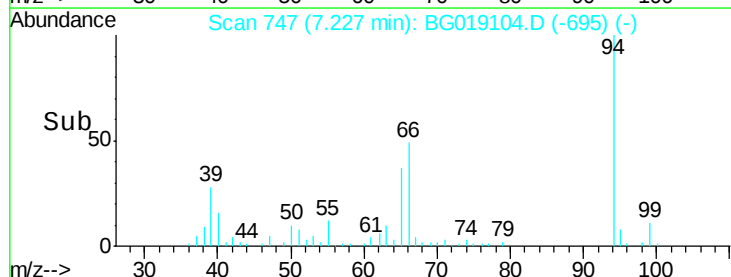
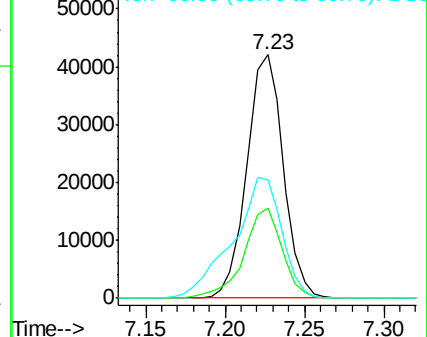
94 100

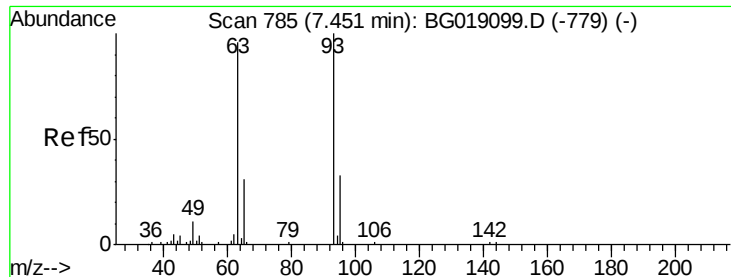
65 37.0 15.2 55.2

66 48.7 28.7 68.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

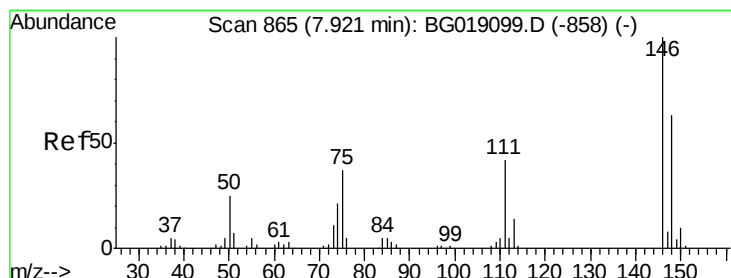
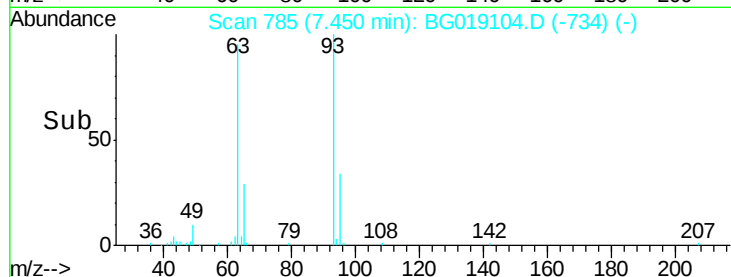
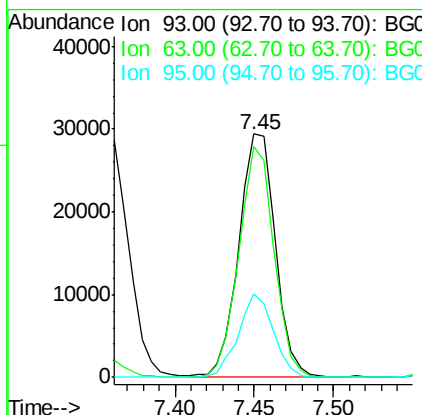
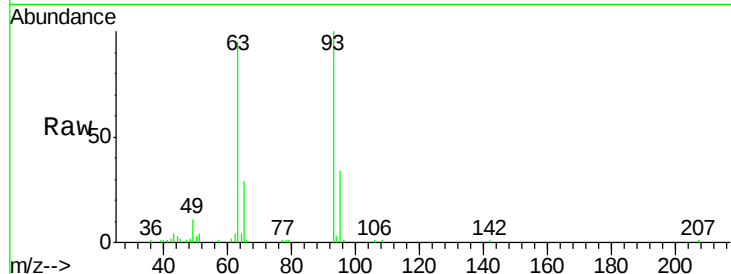




#11
 bis(2-Chloroethyl)ether
 Concen: 41.98 ng
 RT: 7.45 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

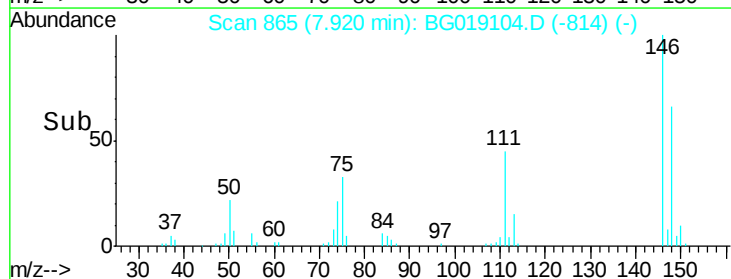
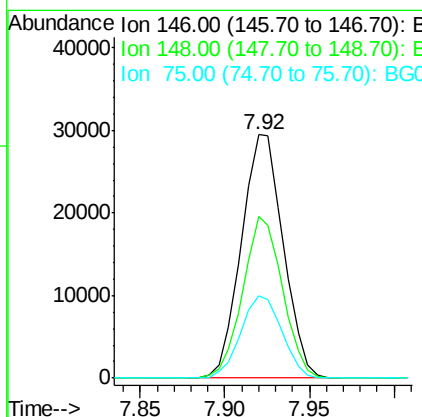
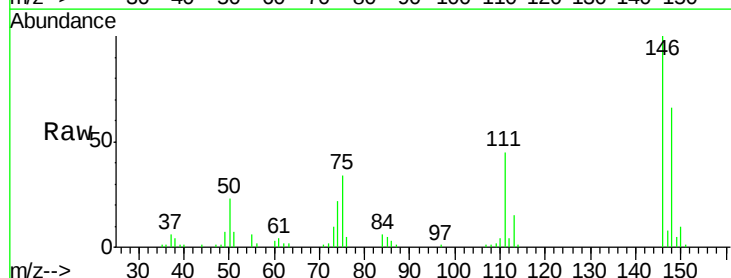
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

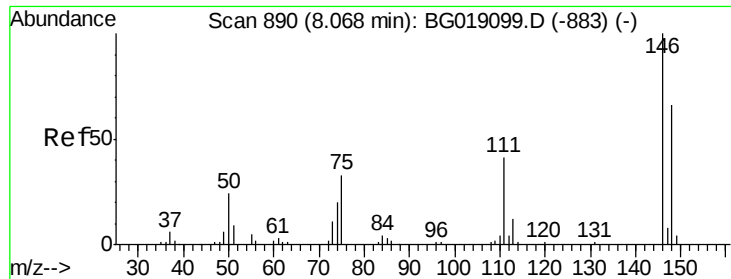
Tot Ion	Ratio	Lower	Upper
93	100		
63	94.9	75.3	115.3
95	34.4	12.9	52.9



#12
 1,3-Dichlorobenzene
 Concen: 39.93 ng
 RT: 7.92 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.2	75.4
75	33.8	29.3	43.9

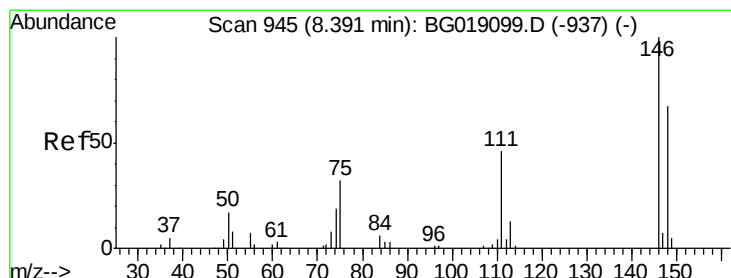
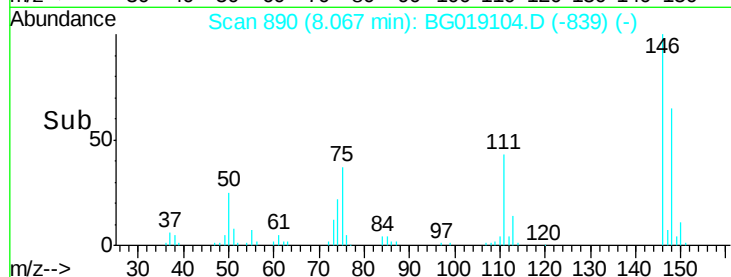
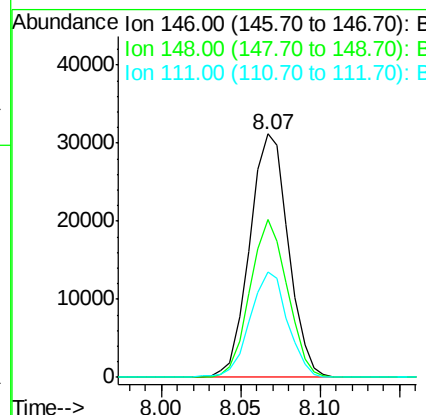
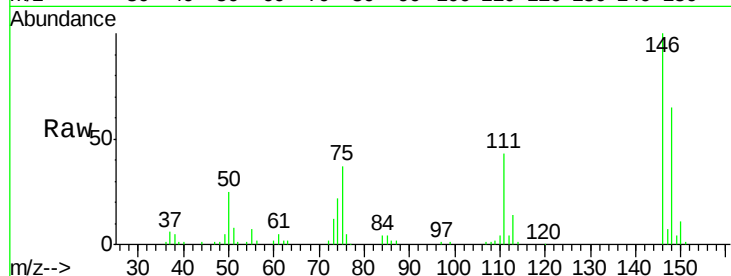




#13
 1,4-Dichlorobenzene
 Concen: 40.58 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

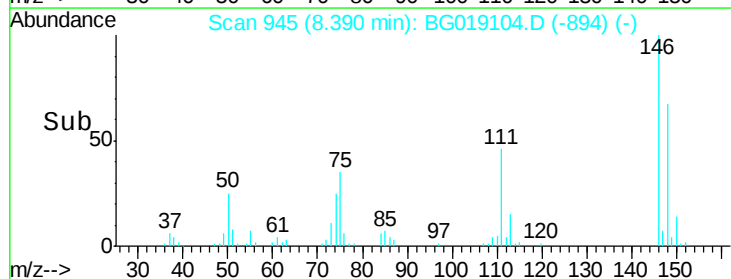
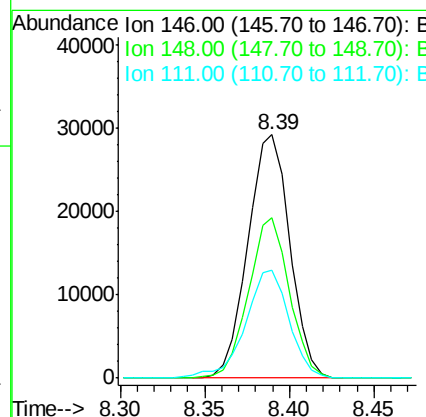
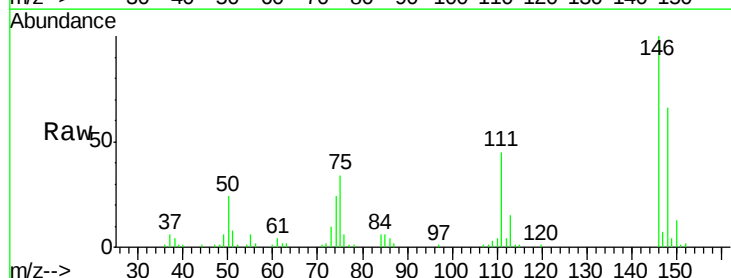
Instrument :
 BNA_G
 ClientSampleID :
 PB85924BS

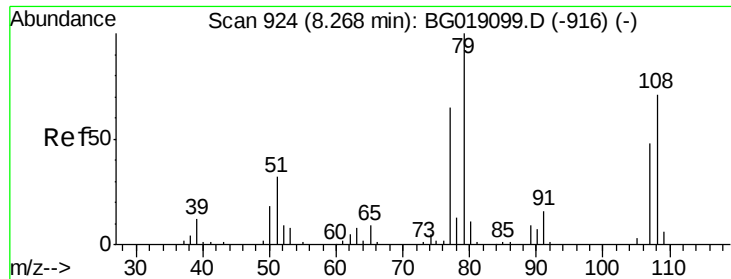
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.9	79.3
111	43.5	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 39.92 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.6	80.4
111	44.5	37.3	55.9





#15

Benzyl Alcohol

Concen: 42.35 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

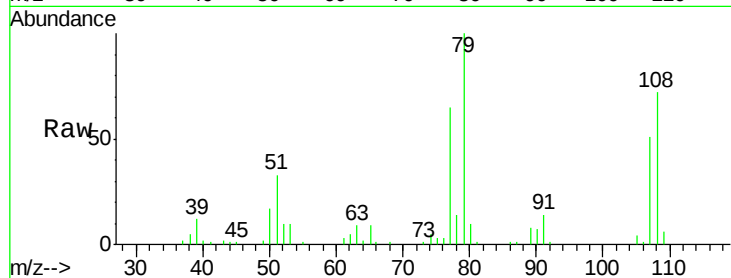
Tot Ion: 79 Resp: 54021

Ion Ratio Lower Upper

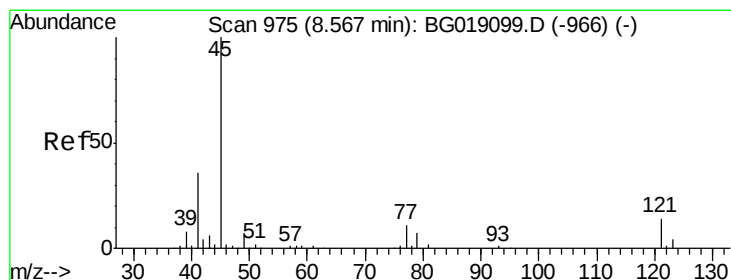
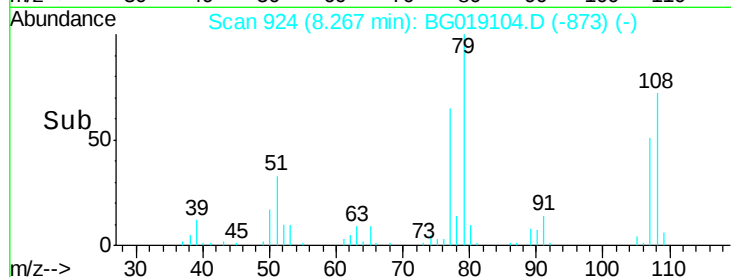
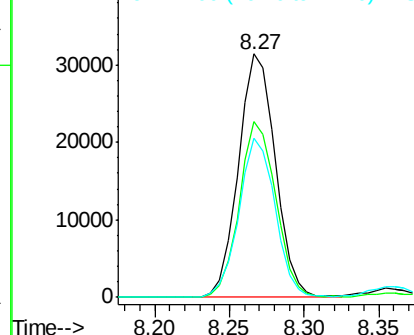
79 100

108 72.0 56.6 84.8

77 65.3 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: 41.59 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

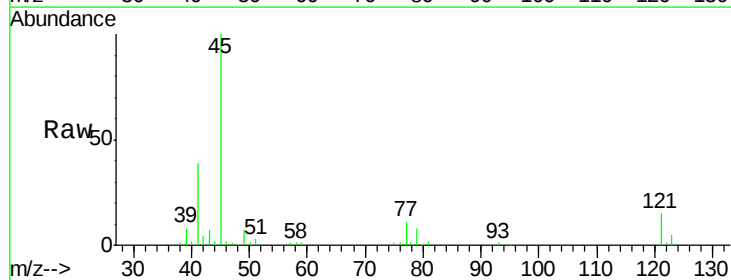
Tgt Ion: 45 Resp: 100044

Ion Ratio Lower Upper

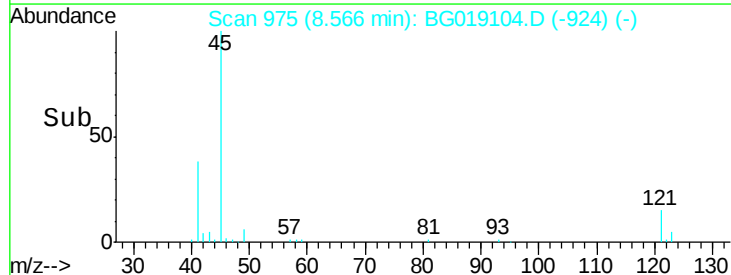
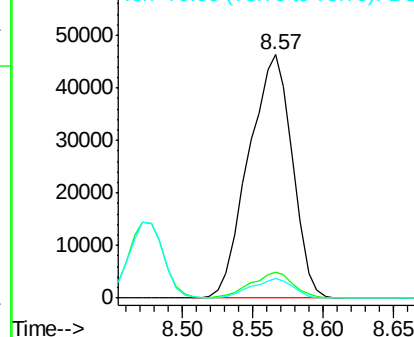
45 100

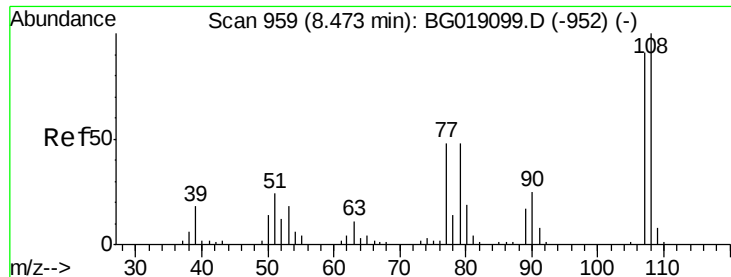
77 10.5 0.0 30.8

79 8.0 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

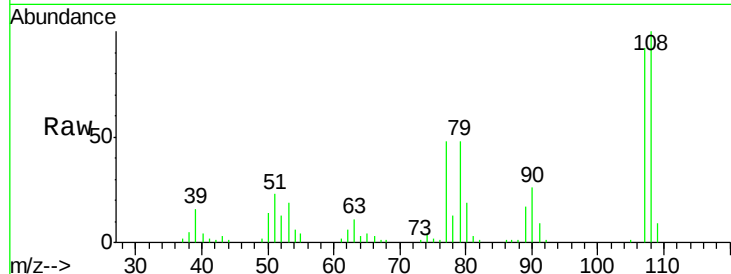




#17
2-Methylphenol
Concen: 44.82 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.7	131.5
77	52.1	42.2	63.2
79	52.4	42.1	63.1



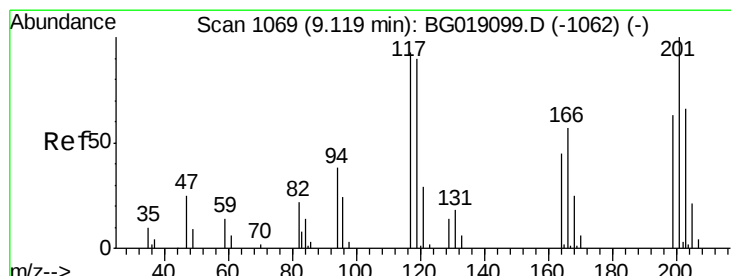
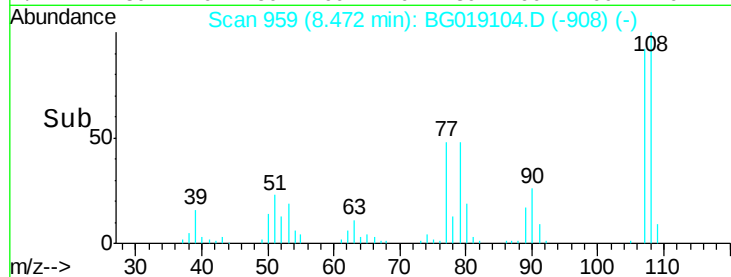
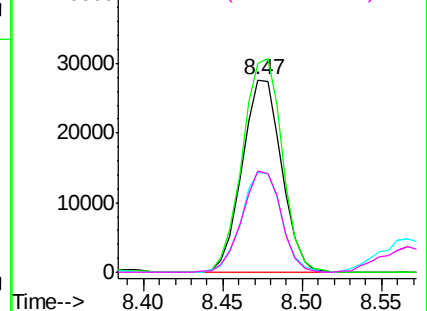
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

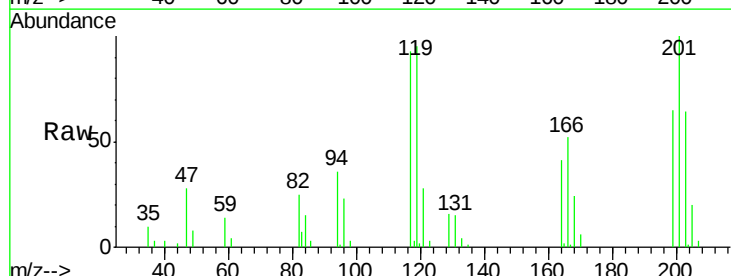
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.48 ng
RT: 9.12 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	77.0	115.4
201	107.0	85.6	128.4

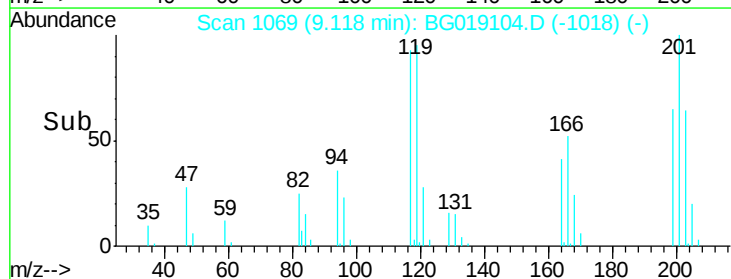
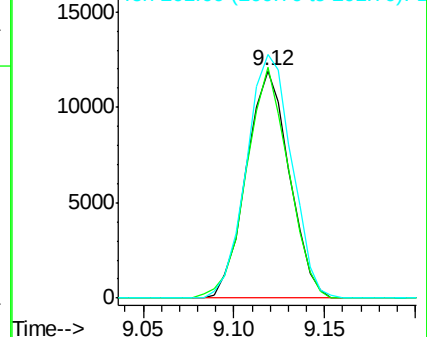


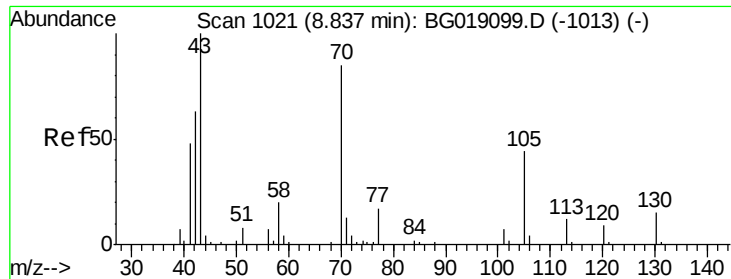
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

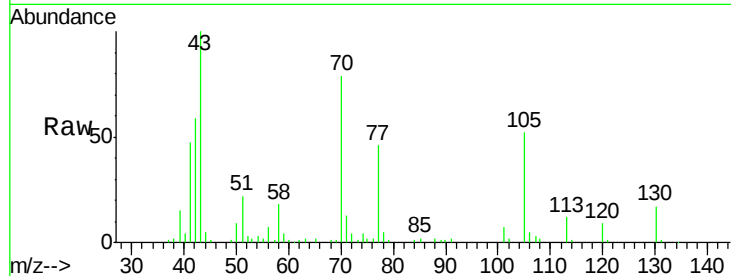




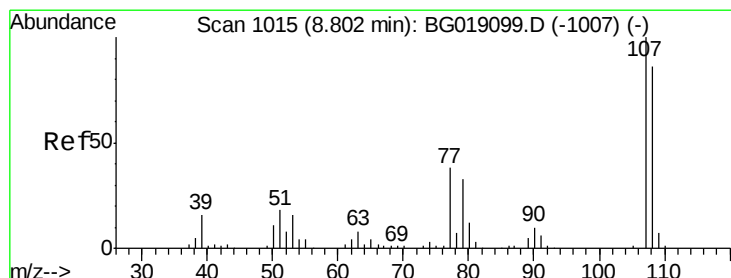
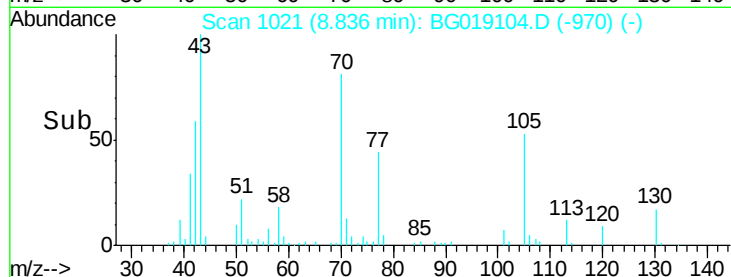
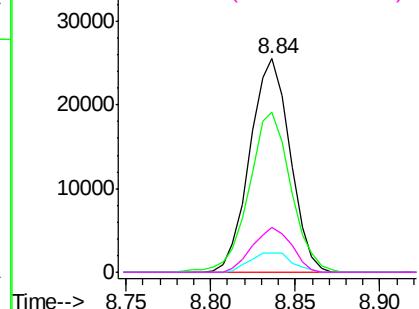
#19
n-Nitroso-di-n-propylamine
Concen: 37.29 ng
RT: 8.84 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion: 70 Resp: 42233
Ion Ratio Lower Upper
70 100
42 75.1 59.8 89.8
101 9.1 7.0 10.4
130 21.1 14.4 21.6

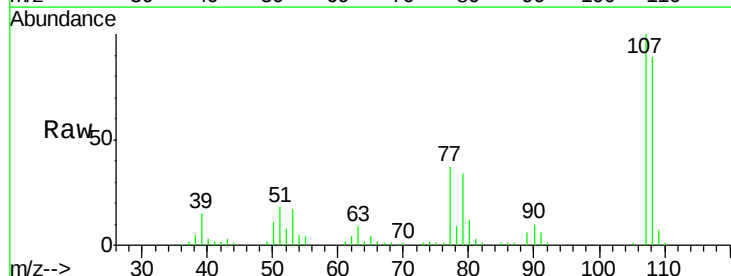


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

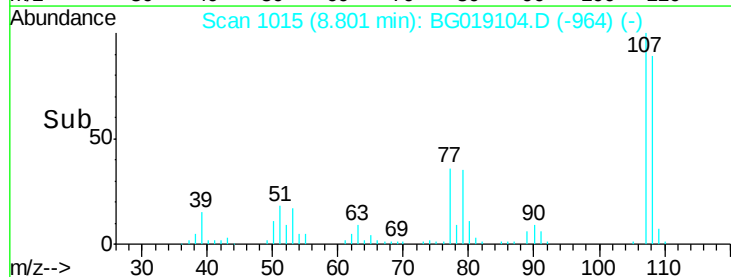
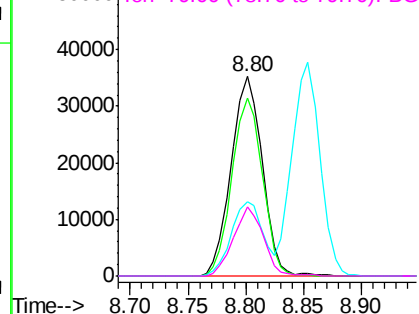


#20
3+4-Methylphenols
Concen: 43.26 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion: 107 Resp: 66146
Ion Ratio Lower Upper
107 100
108 89.4 66.2 106.2
77 37.0 17.8 57.8
79 34.5 12.9 52.9



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

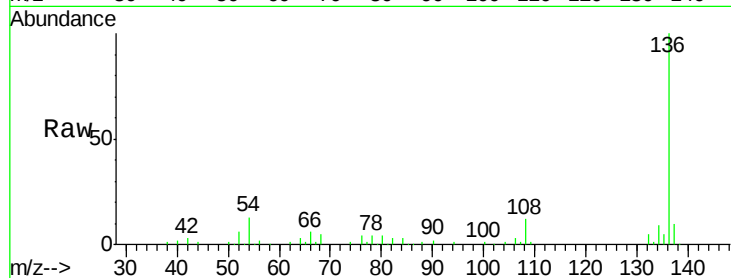




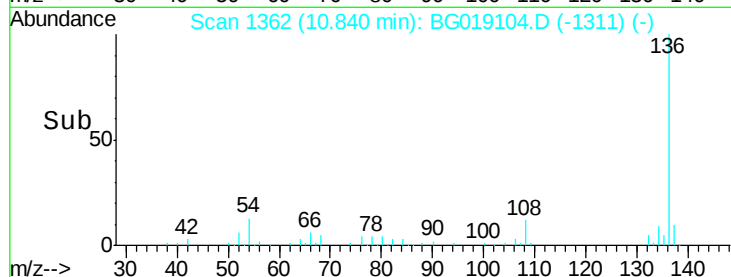
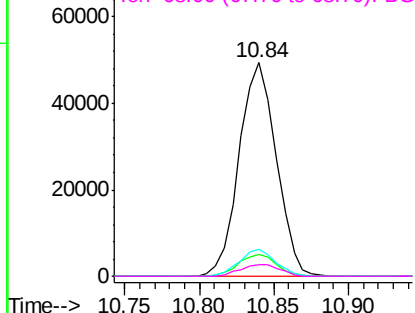
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion:136	Resp:	85127
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.0 13.4
54	12.6	10.1 15.1
68	5.3	4.4 6.6

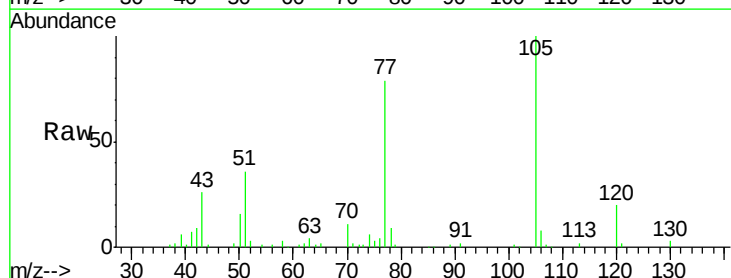


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

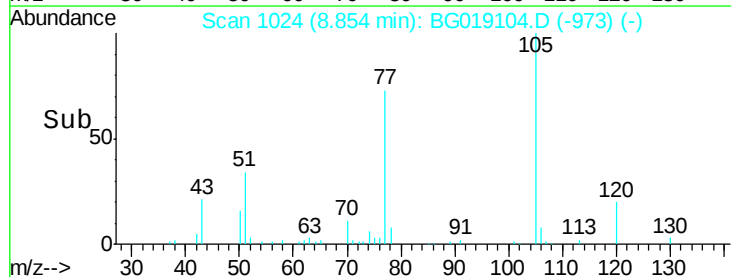
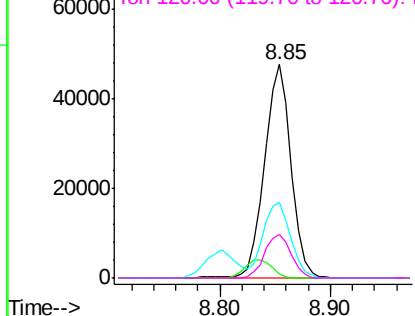


#22
Acetophenone
Concen: 40.01 ng
RT: 8.85 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion:105	Resp:	79643
Ion Ratio	Lower	Upper
105	100	
71	1.6	2.2 3.2#
51	35.6	29.2 43.8
120	20.3	16.6 24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

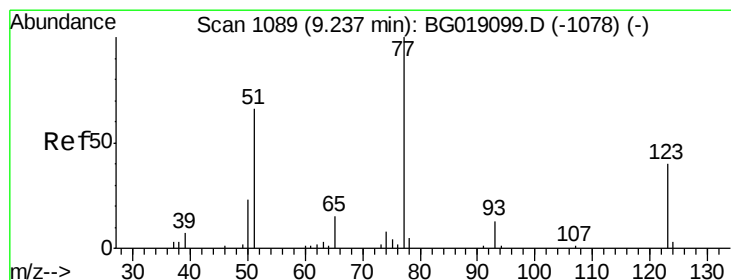
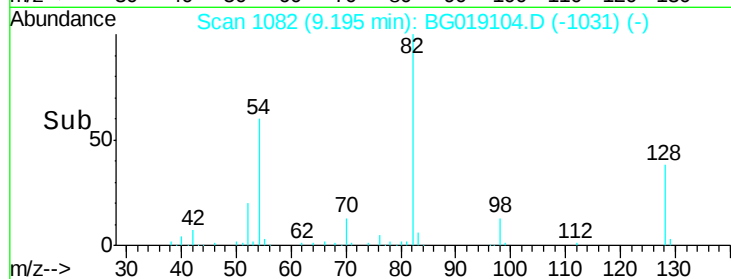
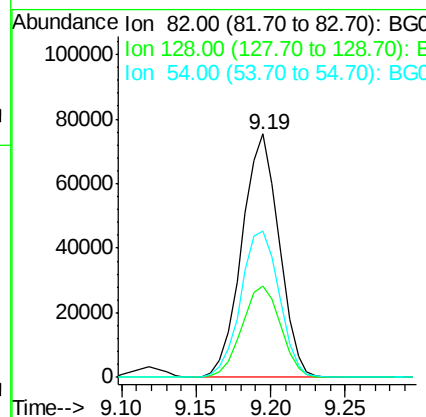
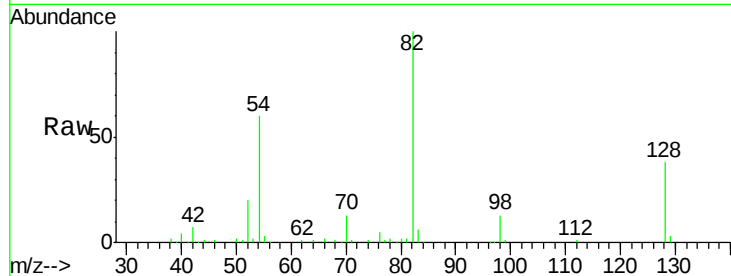




#23
 Nitrobenzene-d5
 Concen: 84.53 ng
 RT: 9.19 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

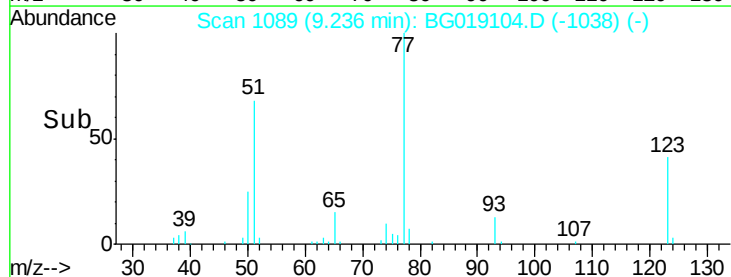
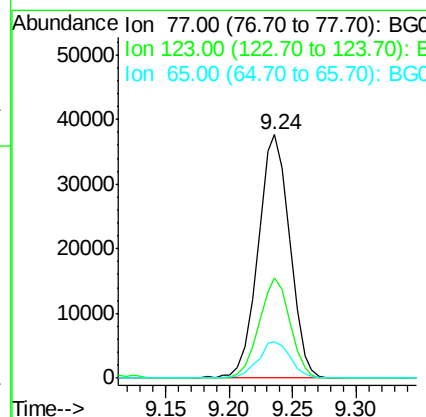
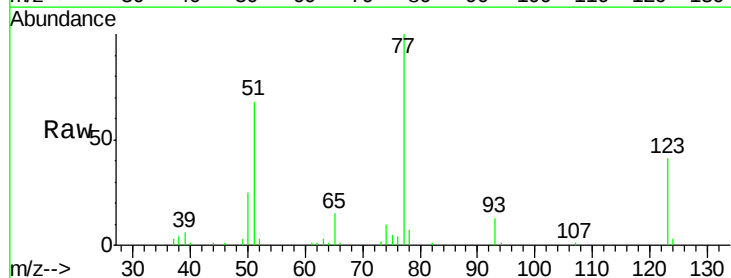
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

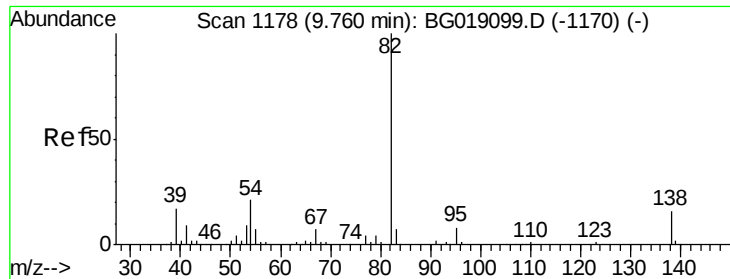
Tot Ion	82	Resp	130229
Ion Ratio	100	Lower	Upper
128	37.6	31.4	47.2
54	60.1	50.0	75.0



#24
 Nitrobenzene
 Concen: 39.97 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	77	Resp	65338
Ion Ratio	100	Lower	Upper
123	41.3	31.8	47.6
65	15.0	11.8	17.6





#25

Isophorone

Concen: 38.65 ng

RT: 9.76 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

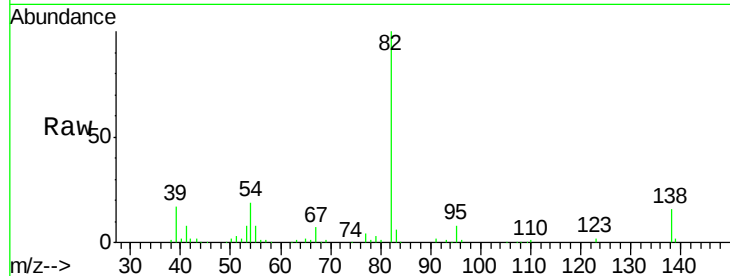
Tot Ion: 82 Resp: 121149

Ion Ratio Lower Upper

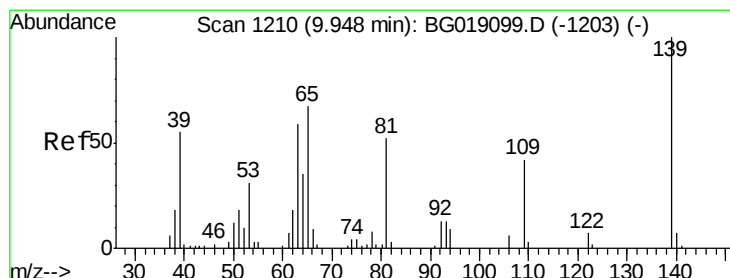
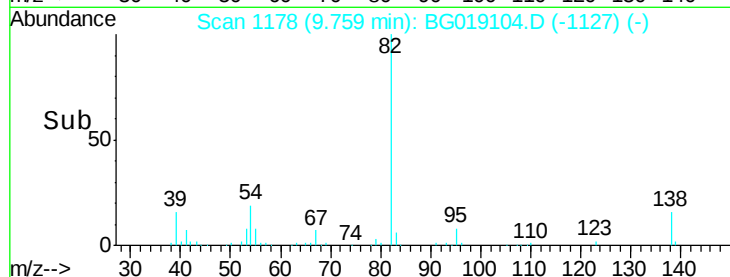
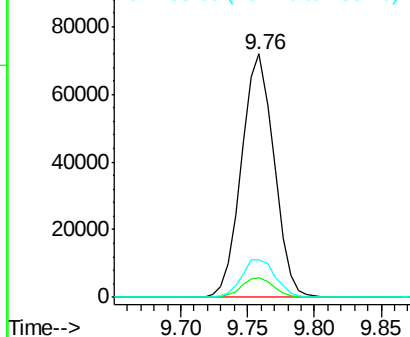
82 100

95 8.2 6.7 10.1

138 15.6 12.6 19.0



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



#26

2-Nitrophenol

Concen: 40.61 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

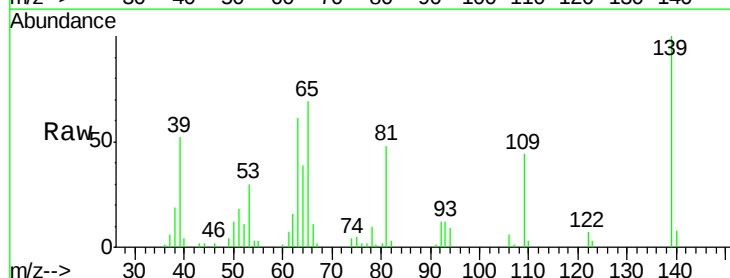
Tgt Ion: 139 Resp: 28300

Ion Ratio Lower Upper

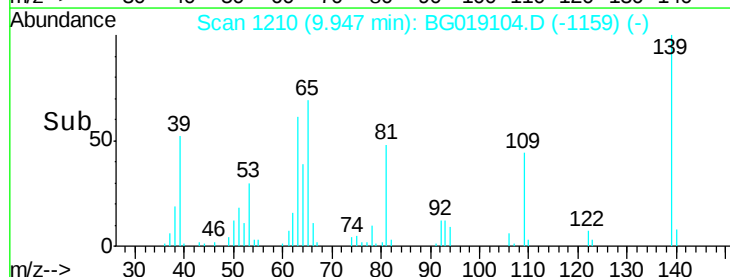
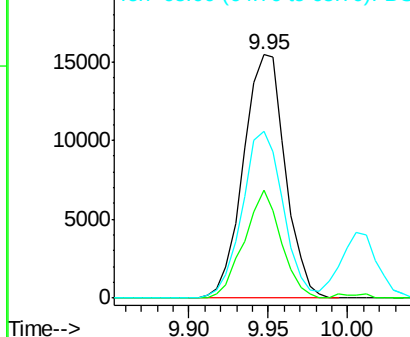
139 100

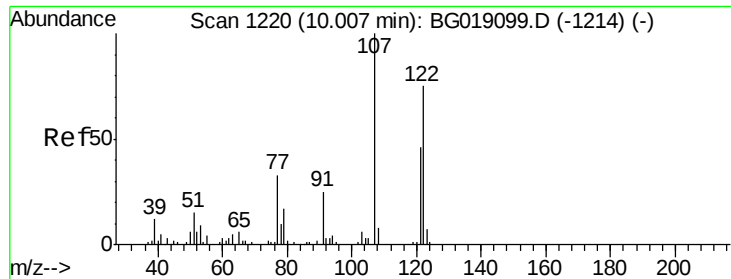
109 44.1 33.3 49.9

65 68.5 53.6 80.4



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

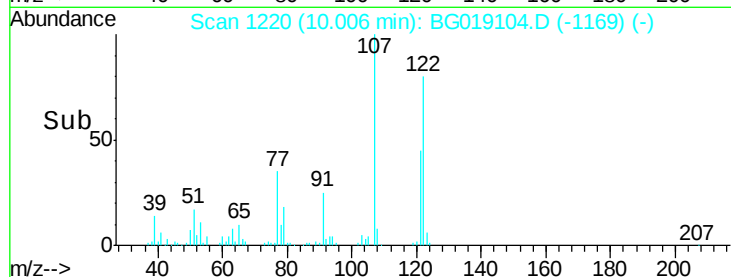
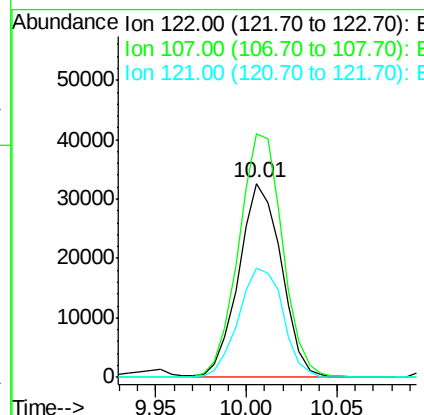
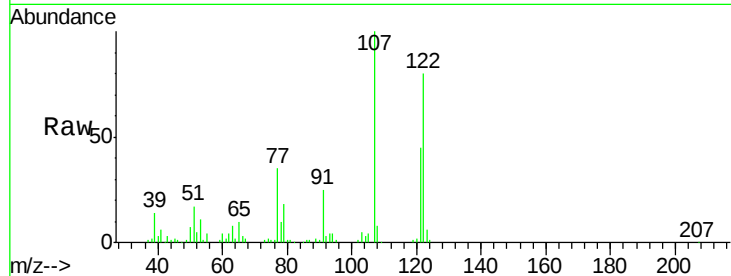




#27
2,4-Dimethylphenol
Concen: 44.02 ng
RT: 10.01 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

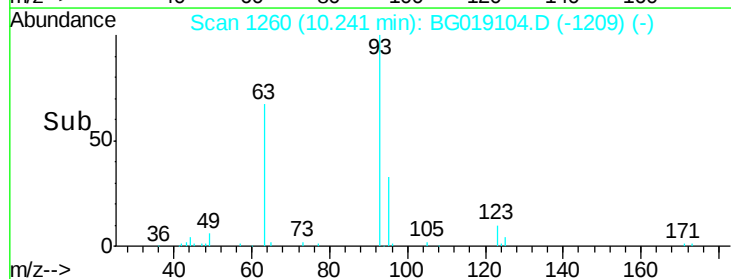
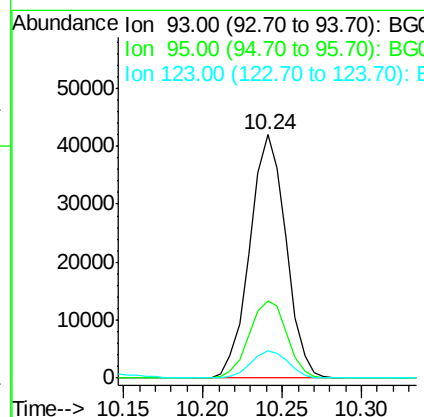
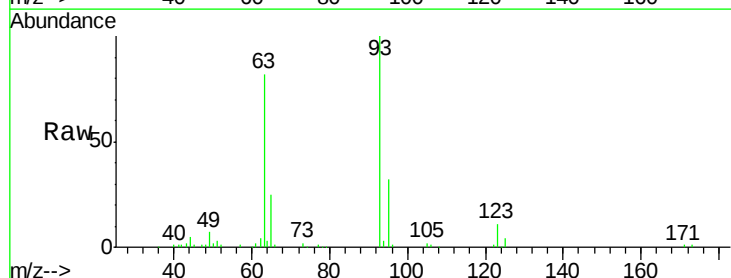
Instrument :
BNA_G
ClientSampleId :
PB85924BS

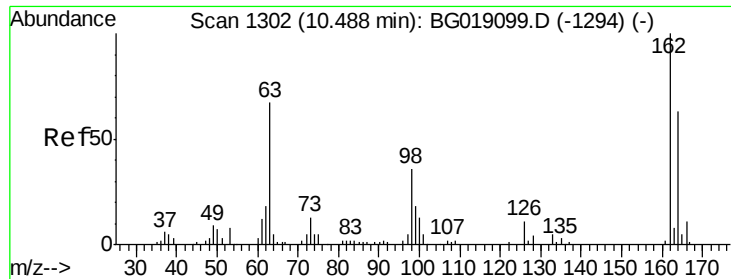
Tot Ion:122 Resp: 53618
Ion Ratio Lower Upper
122 100
107 125.4 105.1 157.7
121 56.3 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.94 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion: 93 Resp: 66790
Ion Ratio Lower Upper
93 100
95 31.8 26.5 39.7
123 11.1 9.4 14.2

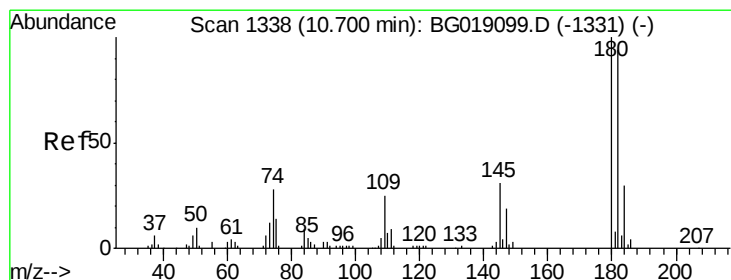
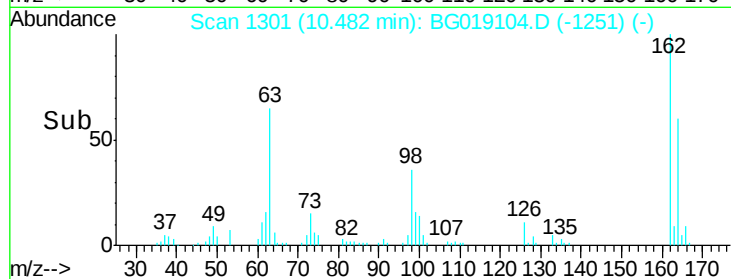
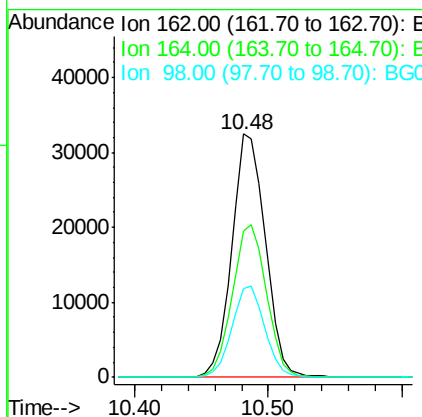
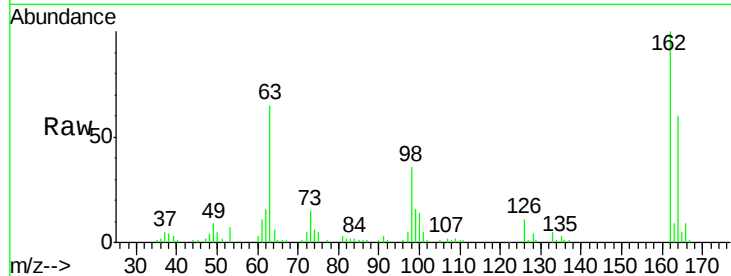




#29
2,4-Dichlorophenol
Concen: 44.17 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

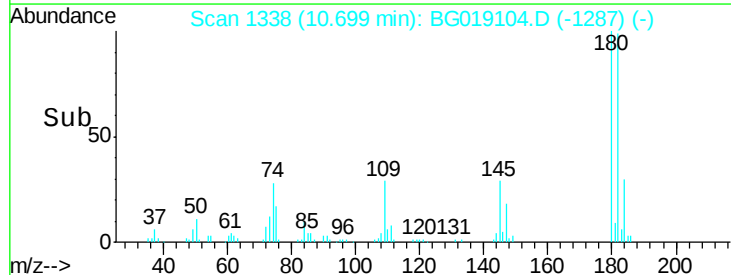
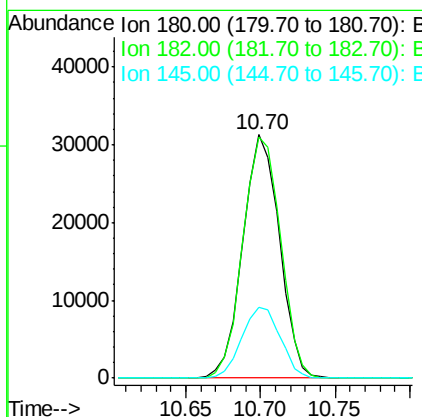
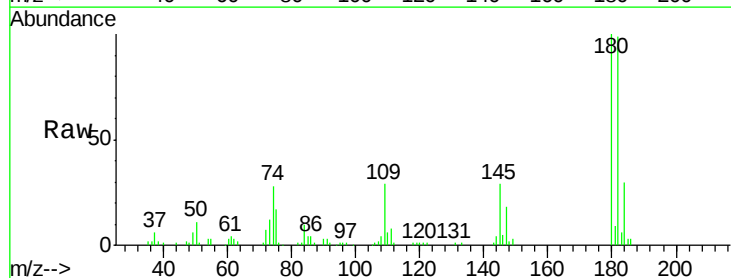
Instrument :
BNA_G
ClientSampleId :
PB85924BS

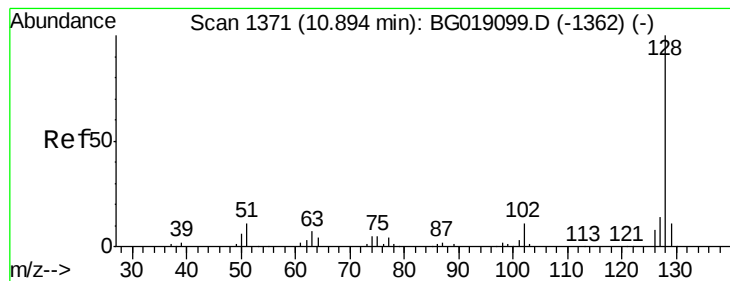
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.2	42.8	82.8
98	36.2	16.1	56.1



#30
1,2,4-Trichlorobenzene
Concen: 38.83 ng
RT: 10.70 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	75.3	112.9
145	28.9	24.9	37.3





#31

Naphthalene

Concen: 39.65 ng

RT: 10.89 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

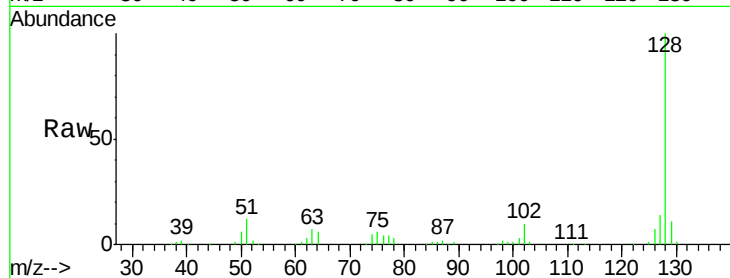
Tot Ion:128 Resp: 162425

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

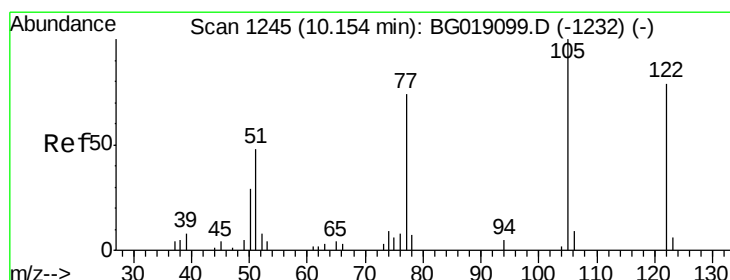
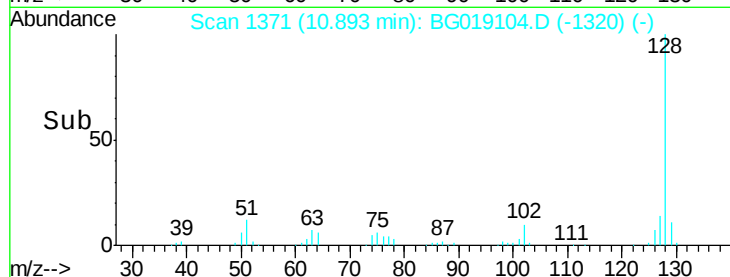
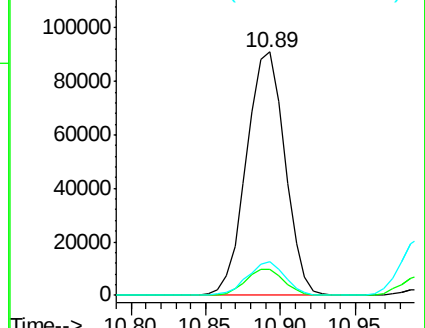
127 13.8 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.54 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

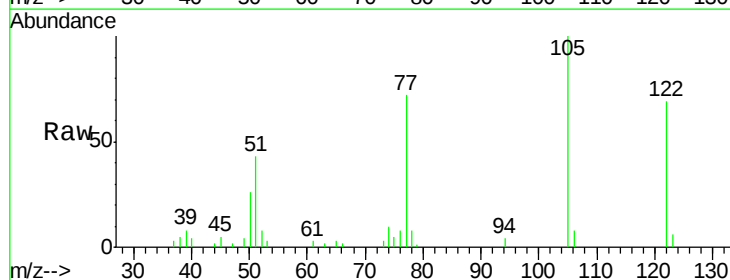
Tgt Ion:122 Resp: 27761

Ion Ratio Lower Upper

122 100

105 145.5 107.0 147.0

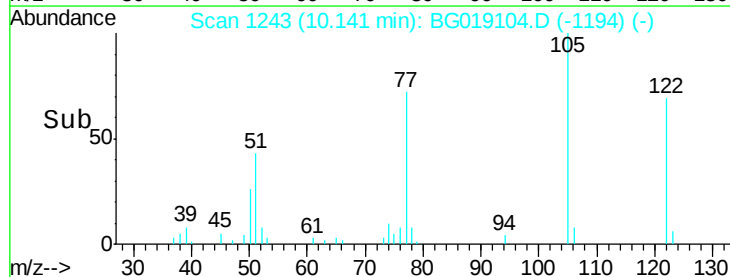
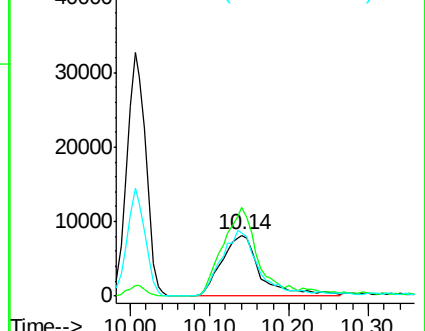
77 104.2 73.4 113.4

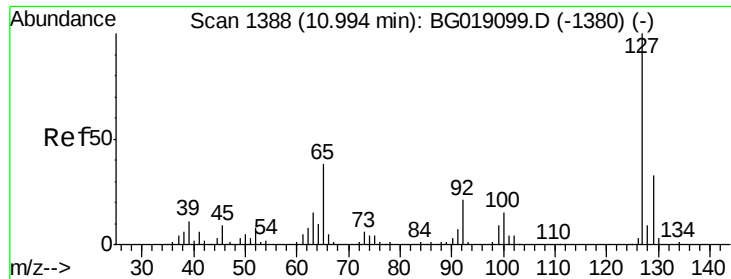


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

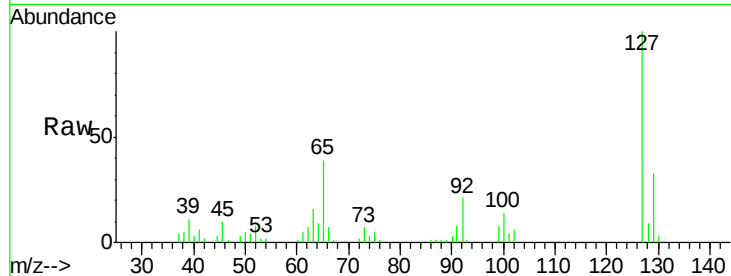




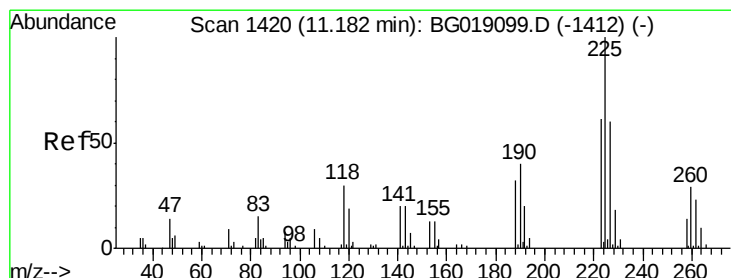
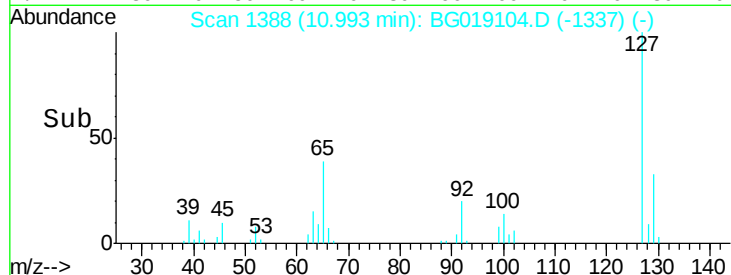
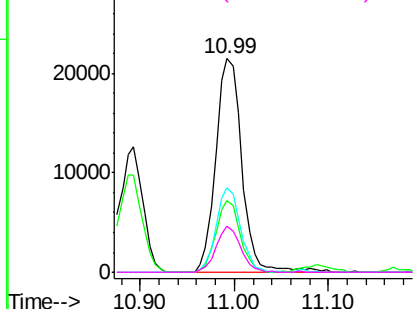
#33
4-Chloroaniline
Concen: 22.05 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion:	127	Resp:	41979
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	39.5	30.4	45.6
92	21.4	16.9	25.3

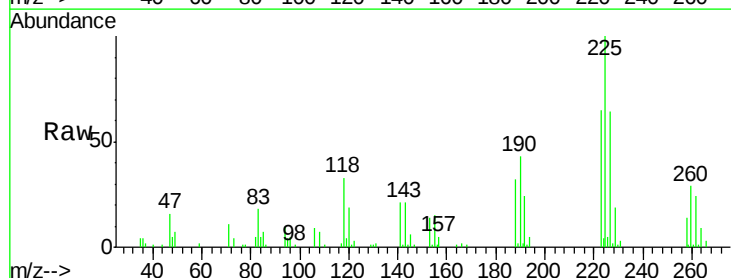


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

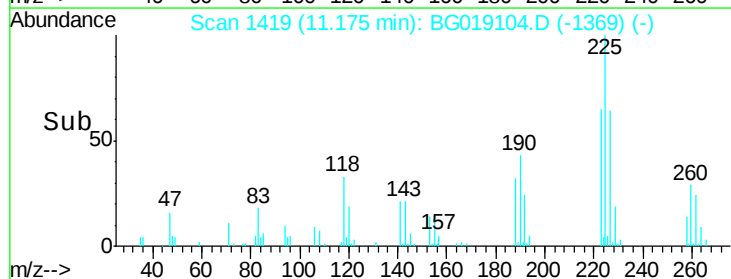
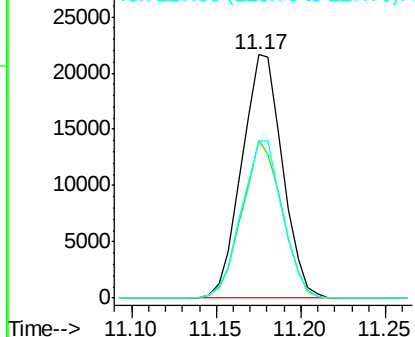


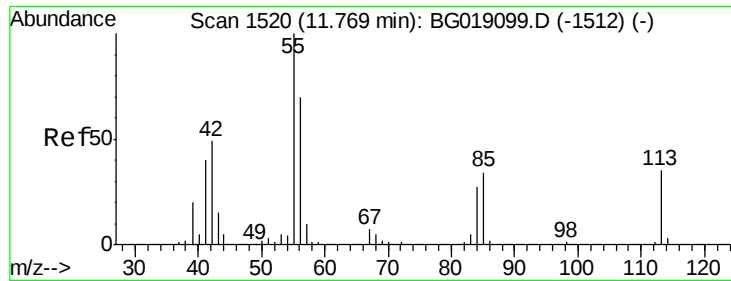
#34
Hexachlorobutadiene
Concen: 38.57 ng
RT: 11.17 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion:	225	Resp:	36243
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.6	72.8
227	64.3	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

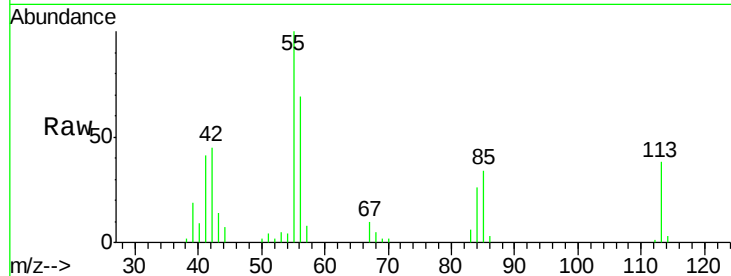




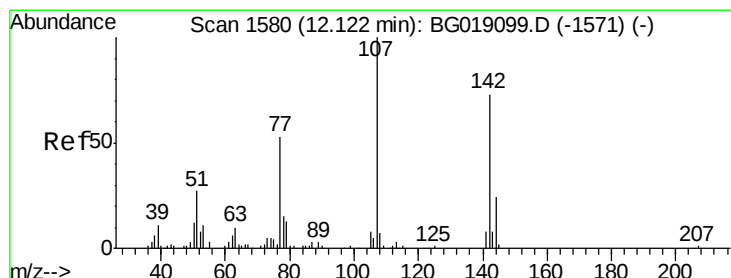
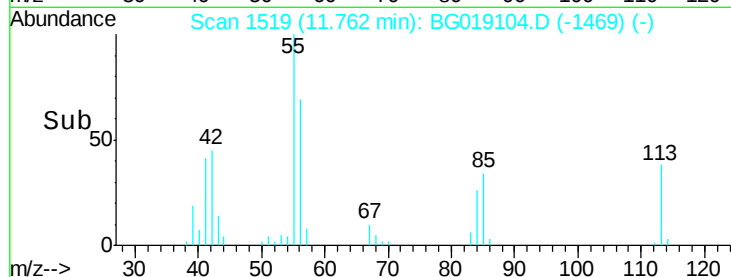
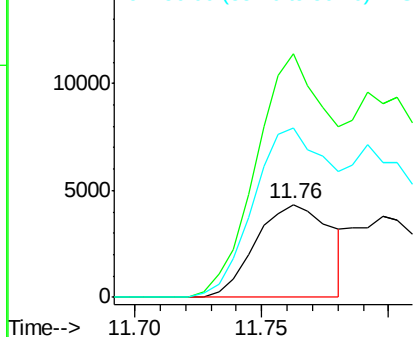
#35
 Caprolactam
 Concen: 19.04 ng
 RT: 11.76 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tot Ion:113 Resp: 8955
 Ion Ratio Lower Upper
 113 100
 55 262.4 263.4 303.4#
 56 182.3 179.0 219.0

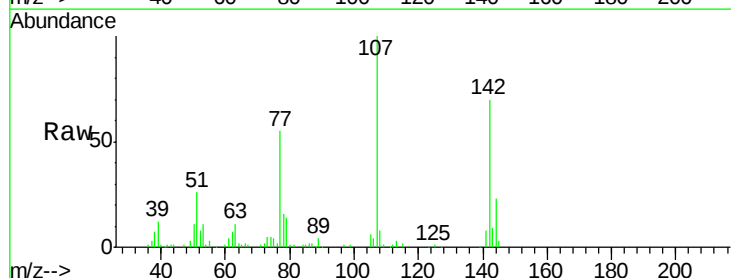


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

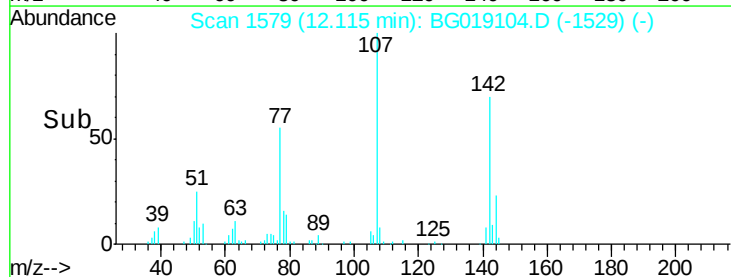
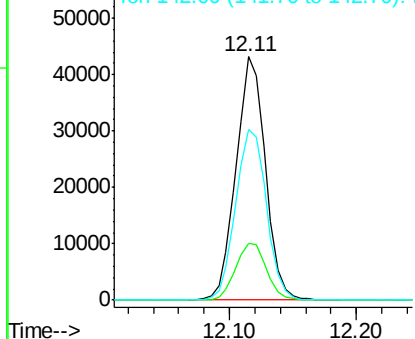


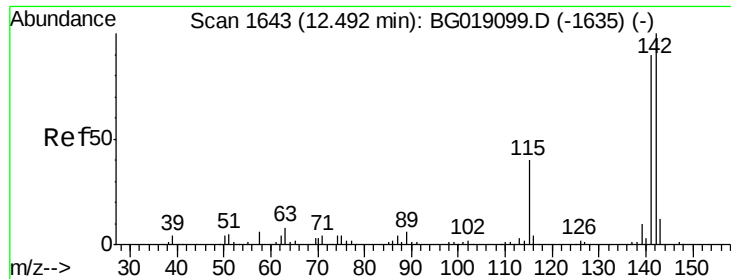
#36
 4-Chloro-3-methylphenol
 Concen: 42.63 ng
 RT: 12.11 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion:107 Resp: 69189
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.0 28.6
 142 70.0 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

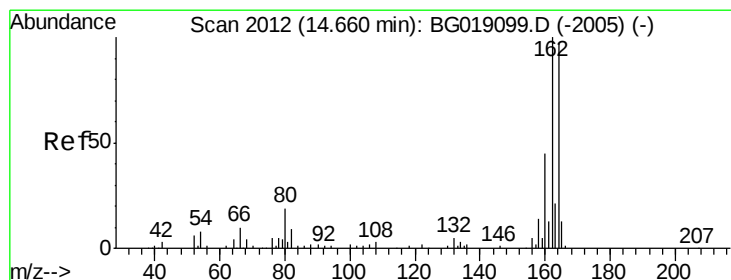
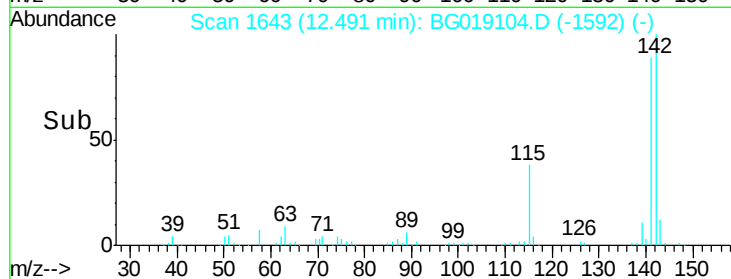
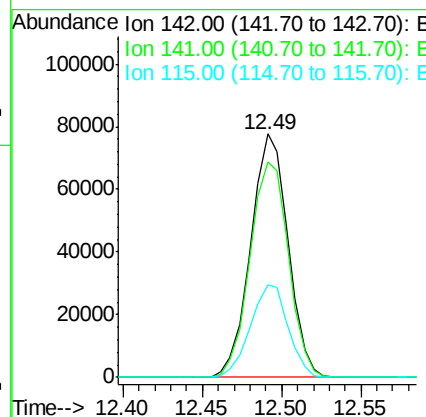
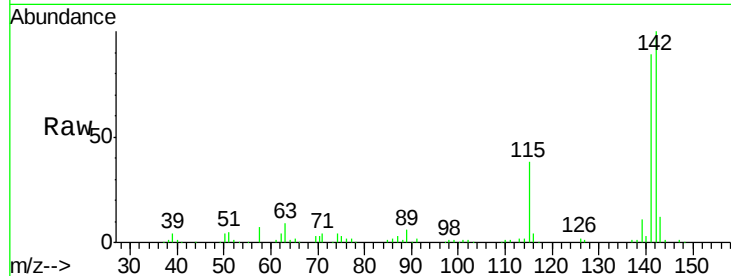




#37
 2-Methylnaphthalene
 Concen: 39.83 ng
 RT: 12.49 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

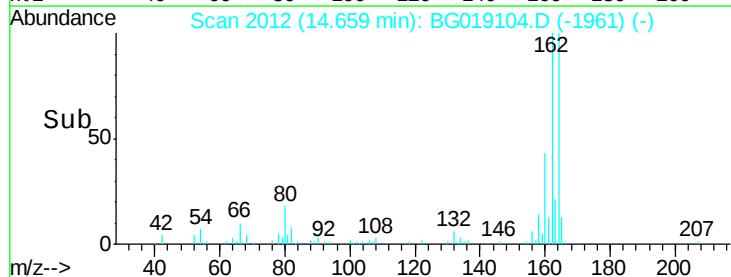
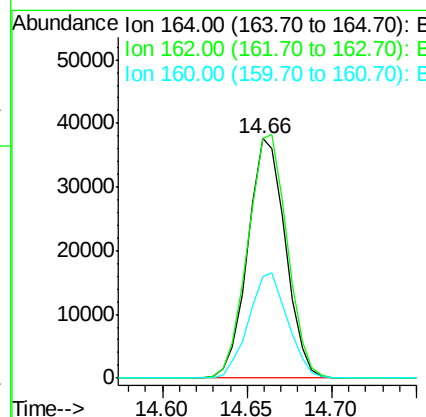
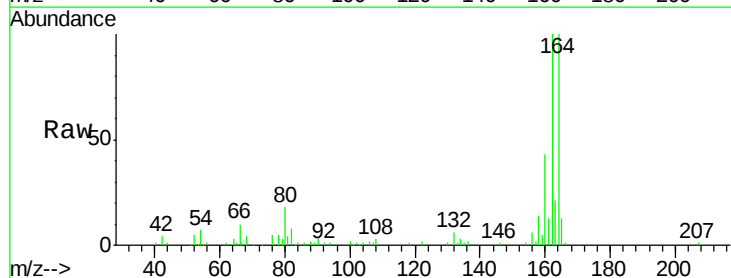
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

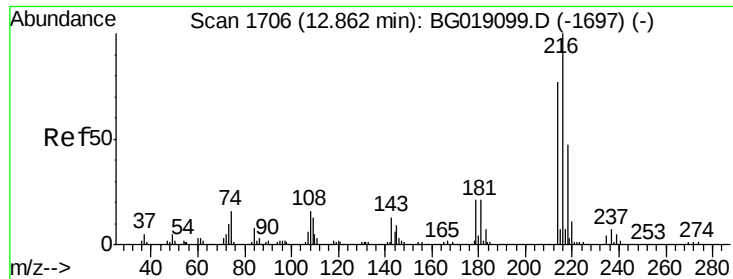
Tot Ion:142 Resp: 126789
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.1 108.1
 115 38.2 31.8 47.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion:164 Resp: 58180
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 124.0
 160 42.6 36.9 55.3

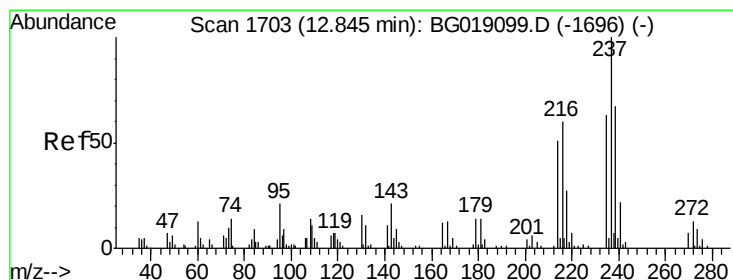
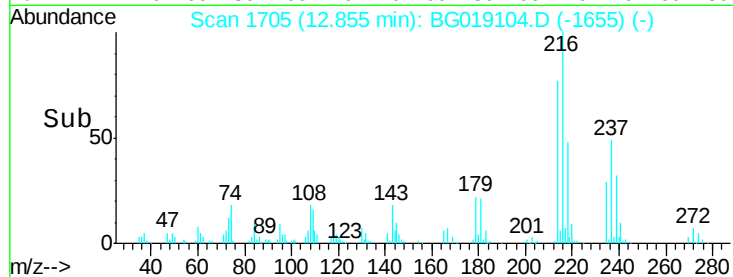
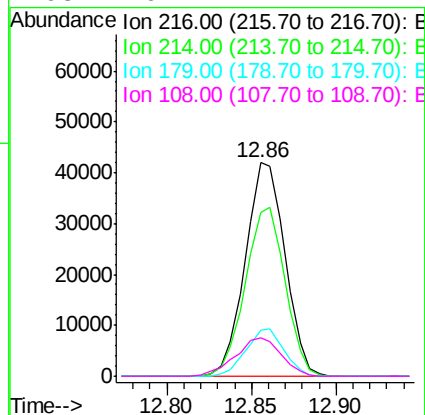
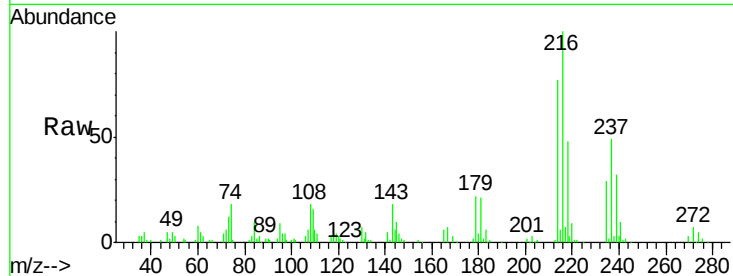




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.07 ng
 RT: 12.86 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

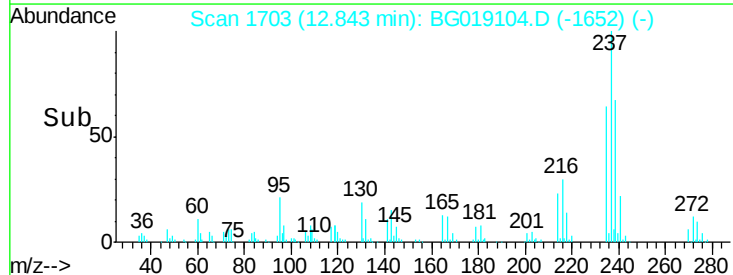
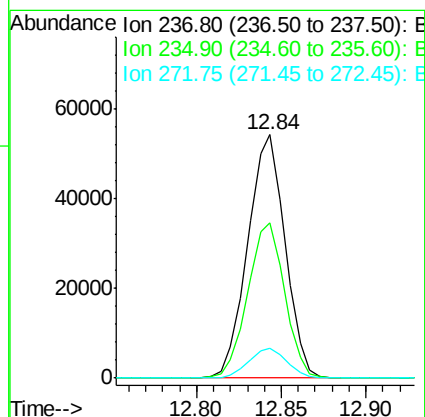
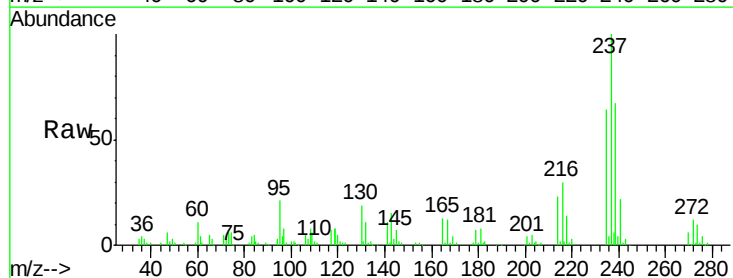
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tot Ion:216	Resp:	68673
Ion Ratio	Lower	Upper
216	100	
214	79.2	64.0 96.0
179	21.3	16.9 25.3
108	20.7	14.7 22.1



#40
 Hexachlorocyclopentadiene
 Concen: 95.81 ng
 RT: 12.84 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion:237	Resp:	83338
Ion Ratio	Lower	Upper
237	100	
235	64.0	43.2 83.2
272	12.4	0.0 33.2





#41

2,4,6-Tribromophenol

Concen: 134.69 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

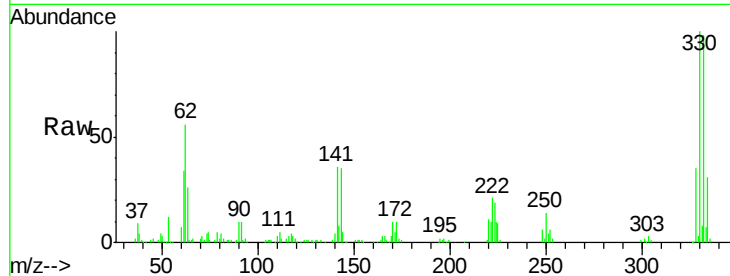
Tot Ion:330 Resp: 106785

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

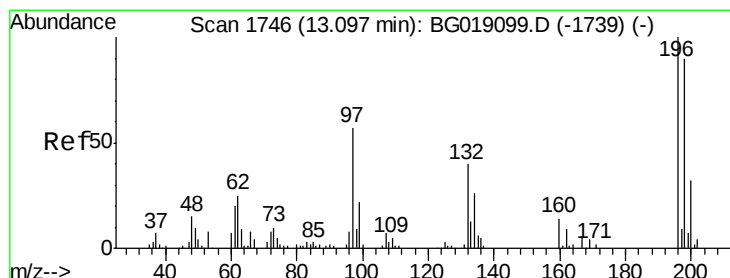
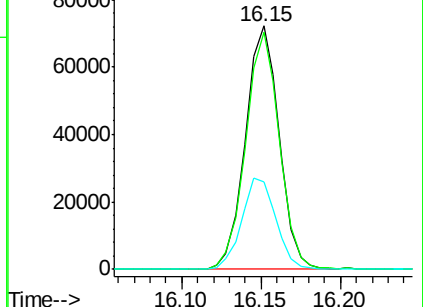
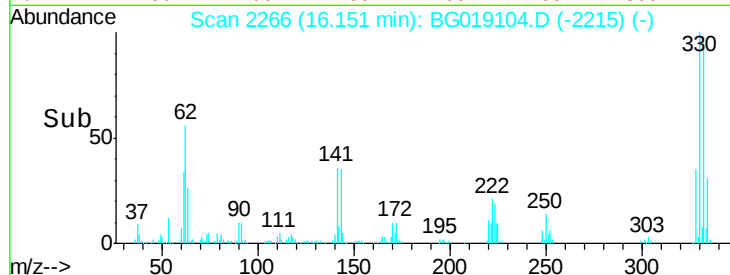
141 37.9 30.7 46.1



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: 41.77 ng

RT: 13.10 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

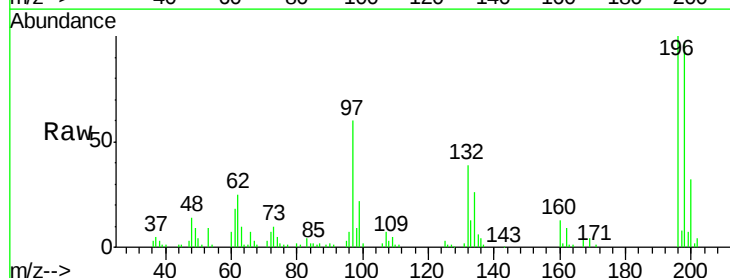
Tgt Ion:196 Resp: 48627

Ion Ratio Lower Upper

196 100

198 97.2 72.0 108.0

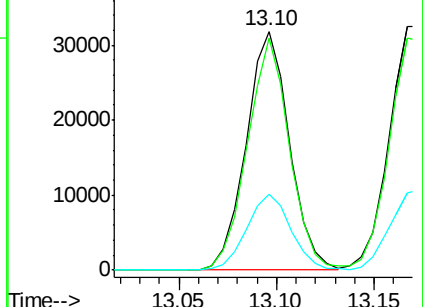
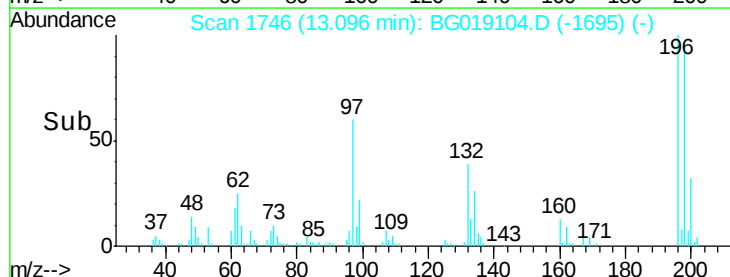
200 32.0 25.5 38.3



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

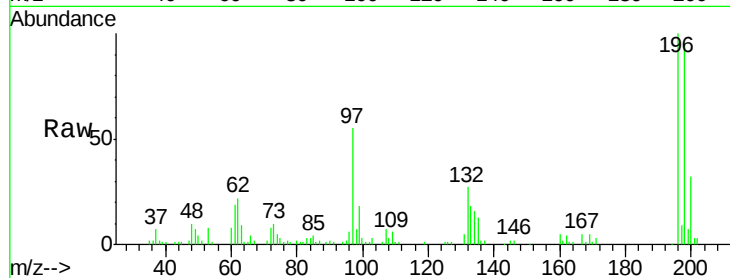




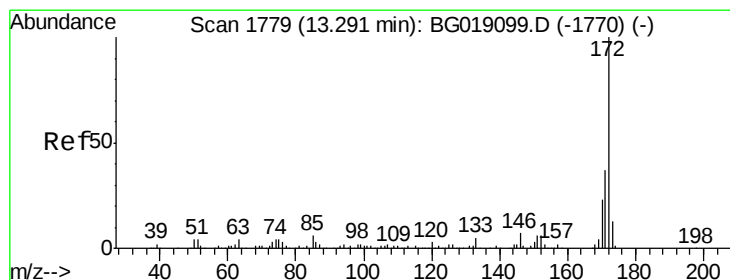
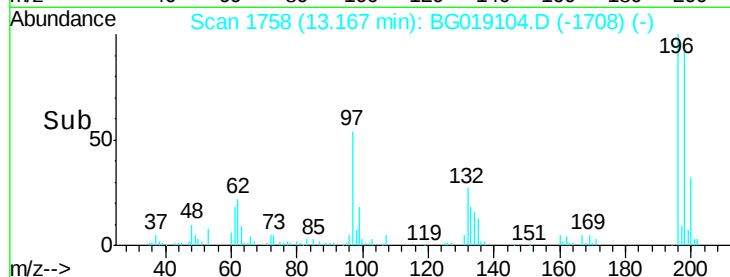
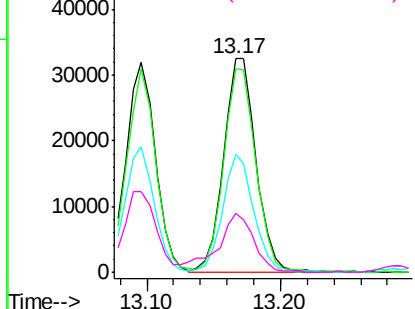
#43
 2,4,5-Trichlorophenol
 Concen: 44.49 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tot Ion	196	Resp	55038
Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.7	116.5
97	54.9	41.4	62.2
132	27.4	20.6	30.8

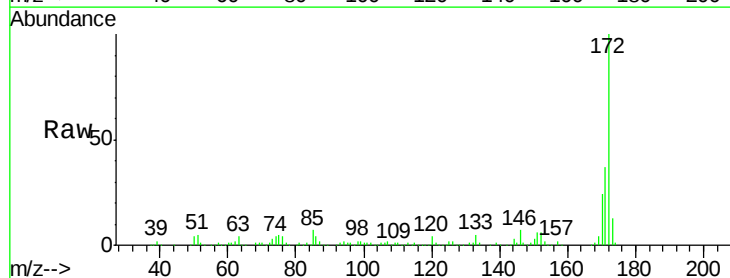


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

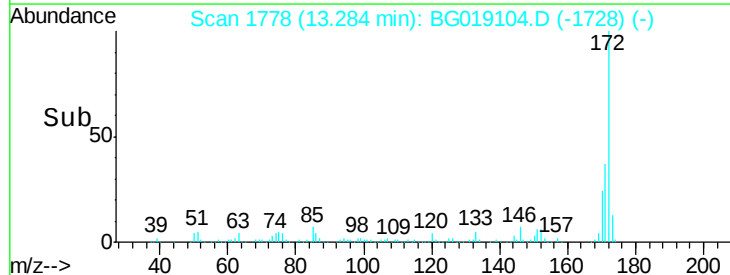
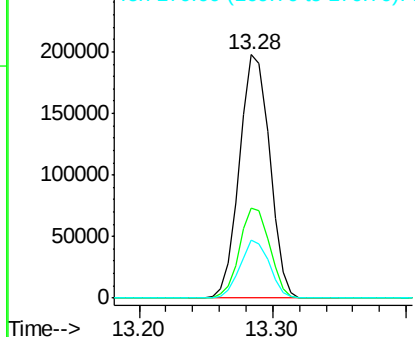


#44
 2-Fluorobiphenyl
 Concen: 81.96 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	172	Resp	310113
Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	23.6	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

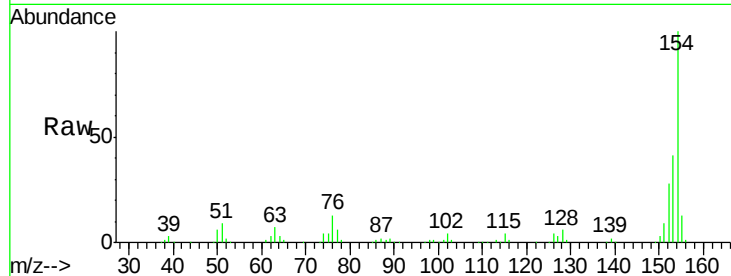




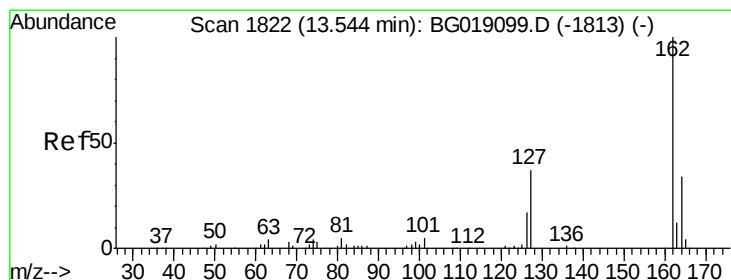
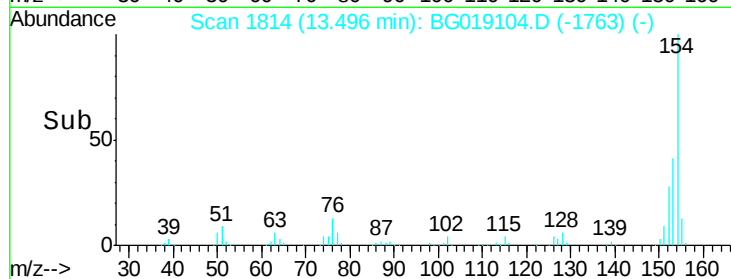
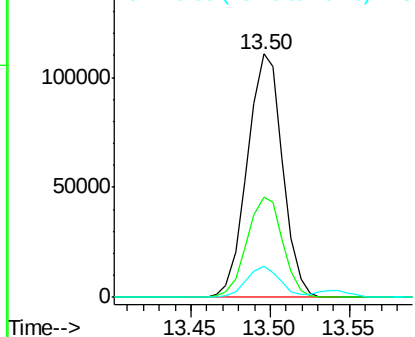
#45
 1,1'-Biphenyl
 Concen: 40.43 ng
 RT: 13.50 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampled :
 PB85924BS

Tot Ion:	154	Resp:	170847
Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	12.8	0.0	32.2

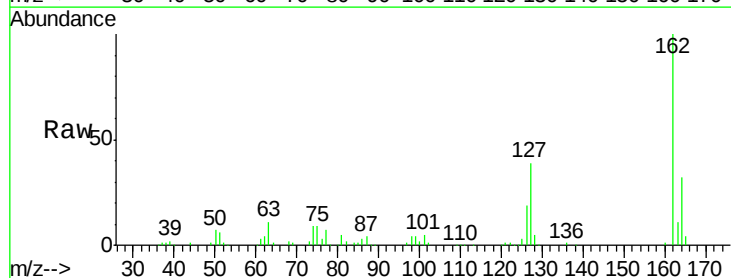


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

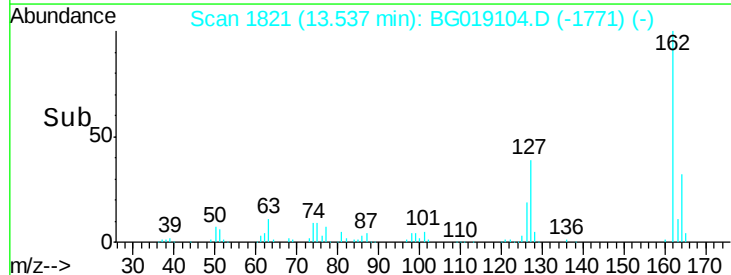
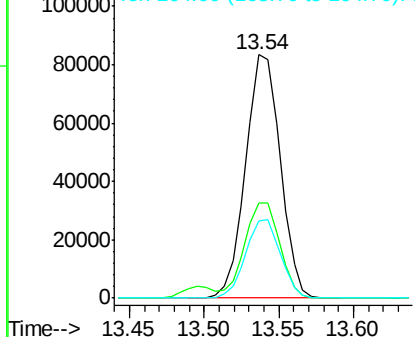


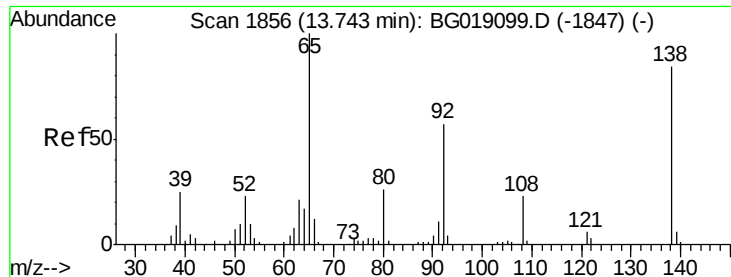
#46
 2-Chloronaphthalene
 Concen: 41.11 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion:	162	Resp:	133655
Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.2	48.4
164	31.9	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

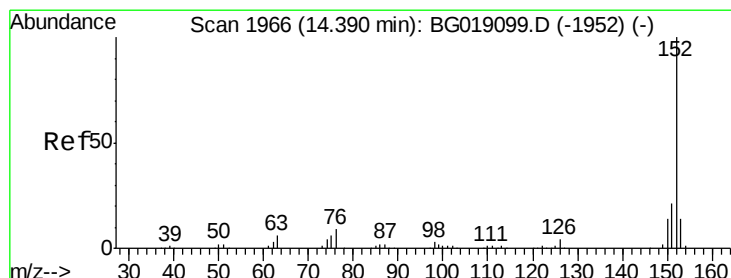
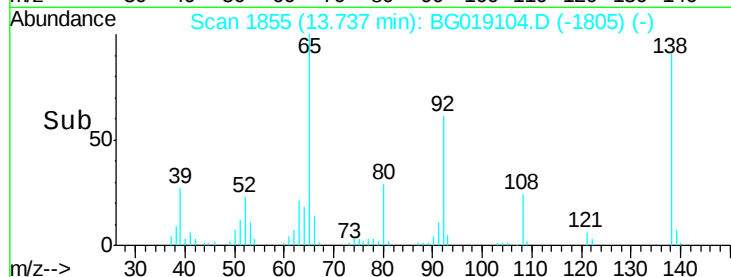
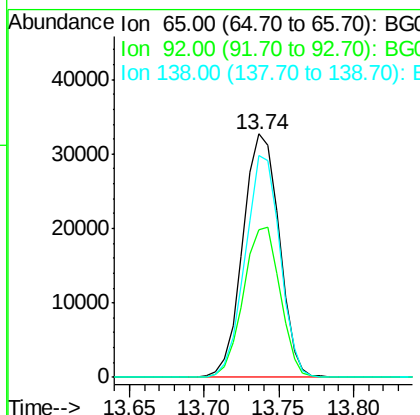
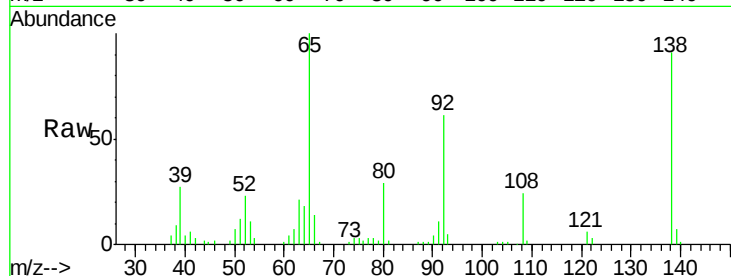




#47
2-Nitroaniline
Concen: 42.16 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

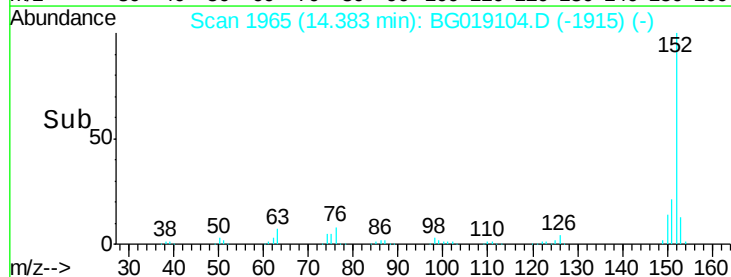
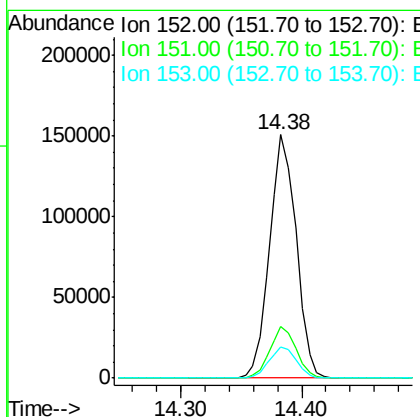
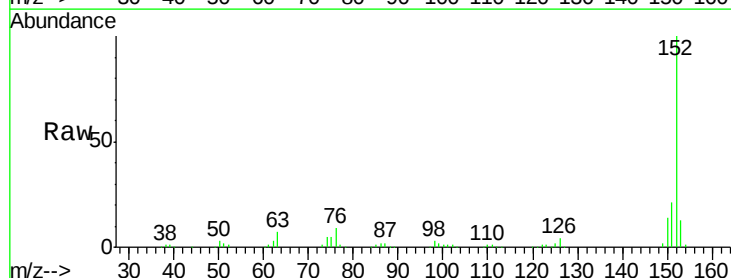
Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion: 65 Resp: 55033
Ion Ratio Lower Upper
65 100
92 60.9 45.8 68.8
138 90.9 66.9 100.3



#48
Acenaphthylene
Concen: 40.01 ng
RT: 14.38 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion: 152 Resp: 229375
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.0 11.0 16.4





#49

Dimethylphthalate

Concen: 41.53 ng

RT: 14.11 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

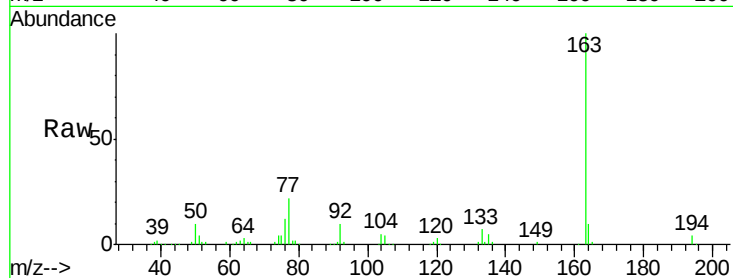
Tot Ion:163 Resp: 190837

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

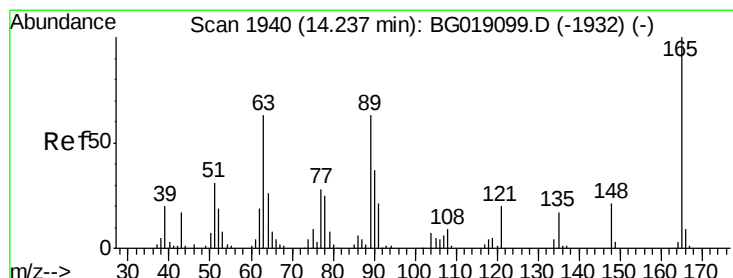
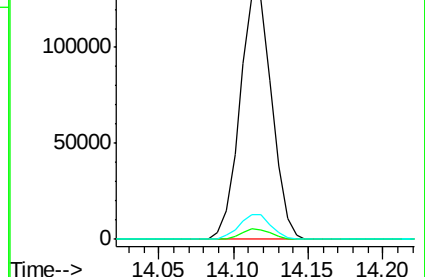
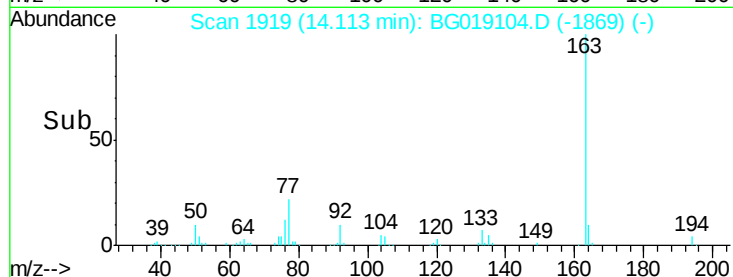
164 10.2 8.1 12.1



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: 43.01 ng

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

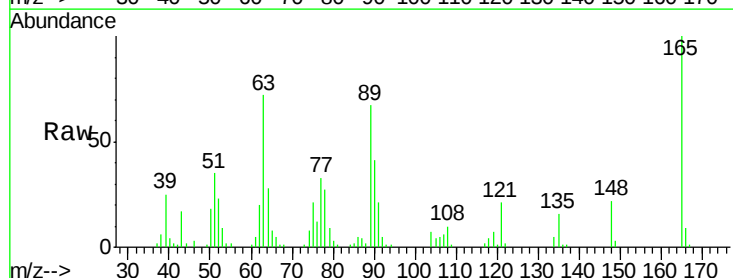
Tgt Ion:165 Resp: 42224

Ion Ratio Lower Upper

165 100

63 72.4 52.6 78.8

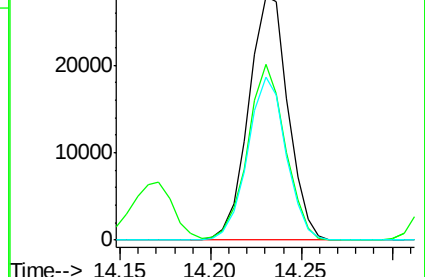
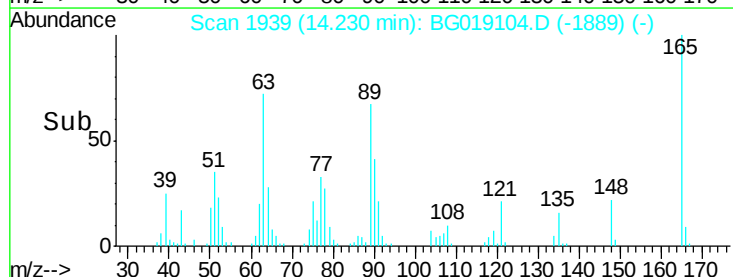
89 66.8 50.6 76.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.66 ng

RT: 14.73 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

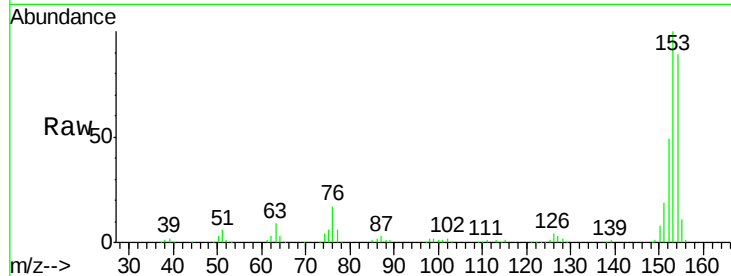
Tot Ion:154 Resp: 140179

Ion Ratio Lower Upper

154 100

153 112.2 93.4 140.2

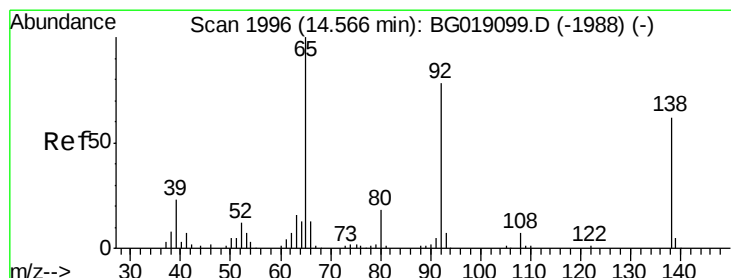
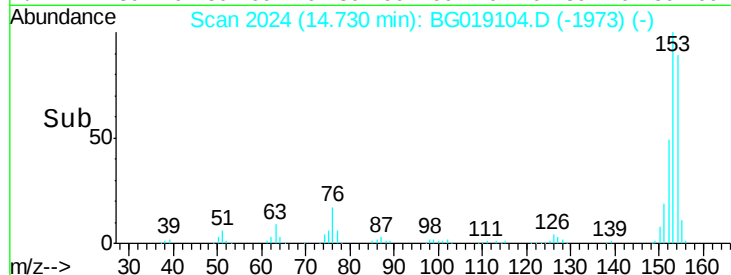
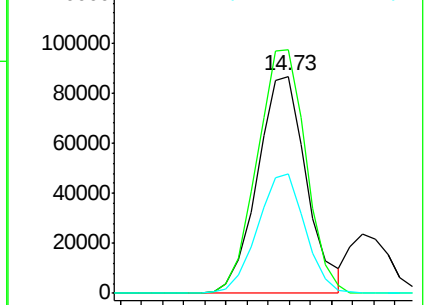
152 55.2 44.9 67.3



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: 28.95 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

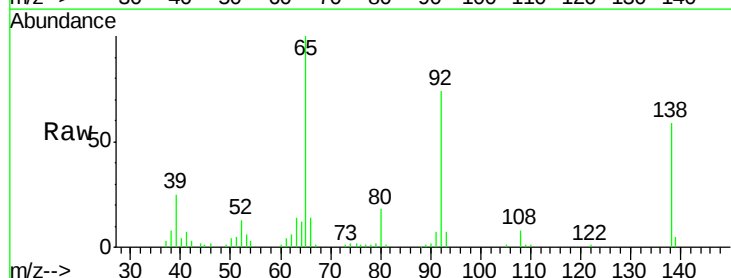
Tgt Ion:138 Resp: 31354

Ion Ratio Lower Upper

138 100

108 13.0 8.6 13.0#

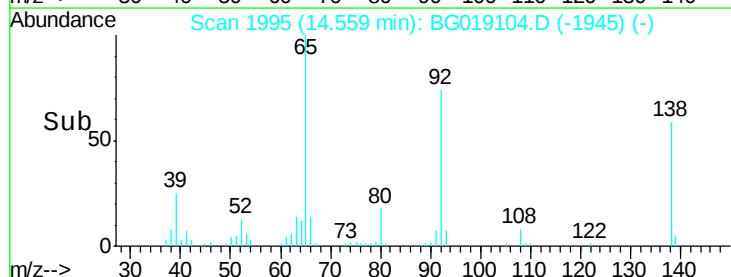
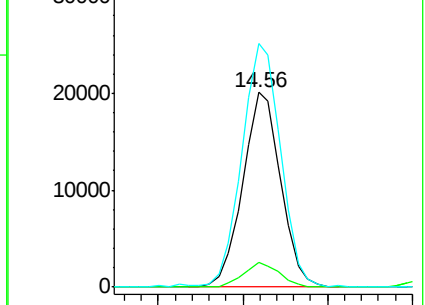
92 125.2 101.4 152.0

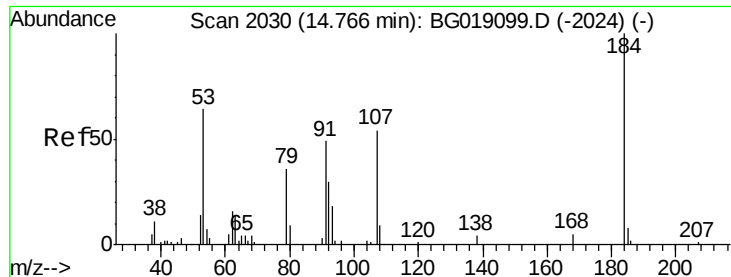


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

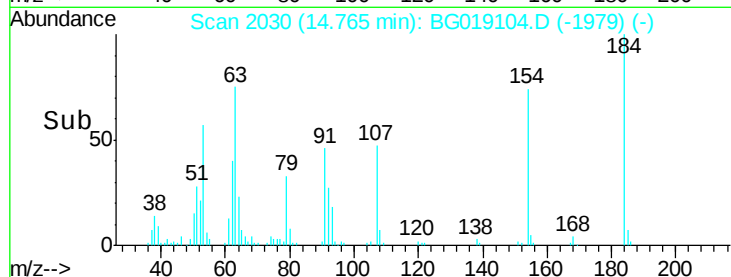
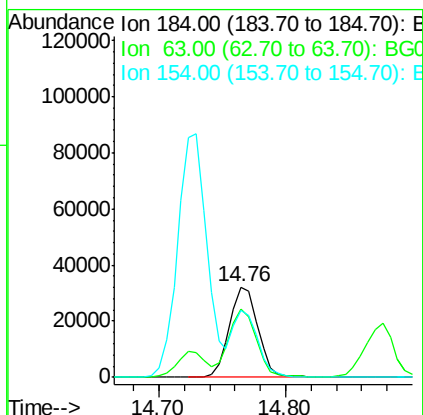
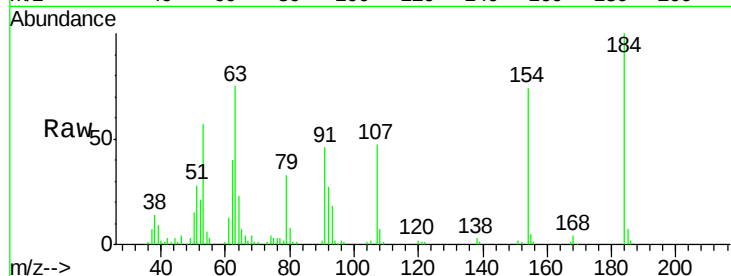




#53
2,4-Dinitrophenol
Concen: 84.62 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

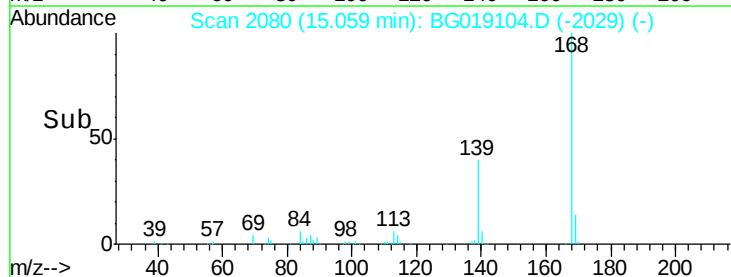
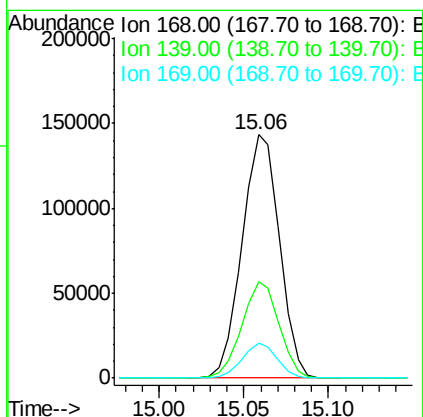
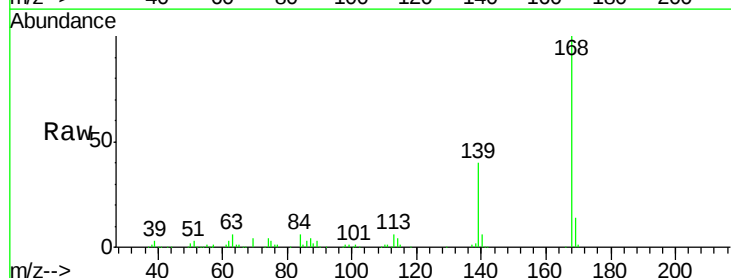
Instrument :
BNA_G
ClientSampleId :
PB85924BS

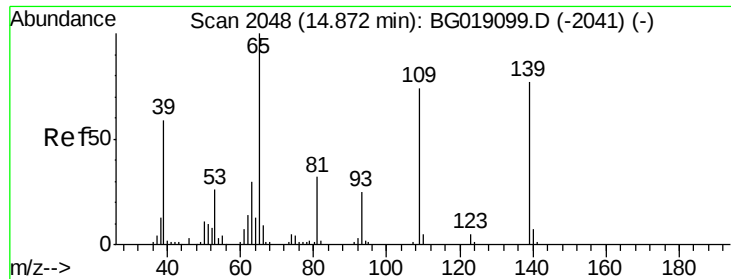
Tot Ion:184 Resp: 50152
Ion Ratio Lower Upper
184 100
63 75.3 67.5 101.3
154 73.8 62.4 93.6



#54
Dibenzofuran
Concen: 43.44 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion:168 Resp: 221286
Ion Ratio Lower Upper
168 100
139 39.8 34.2 51.4
169 14.2 11.4 17.0





#55

4-Nitrophenol

Concen: 95.73 ng

RT: 14.88 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

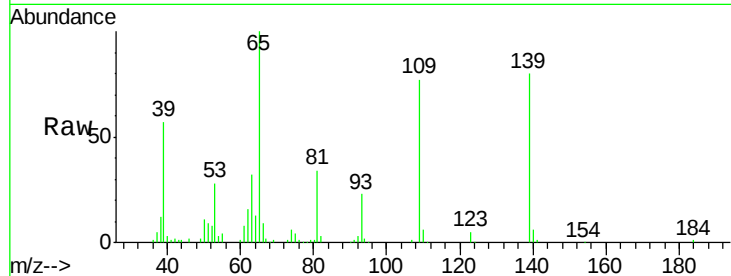
Tot Ion:139 Resp: 78476

Ion Ratio Lower Upper

139 100

109 97.0 76.8 116.8

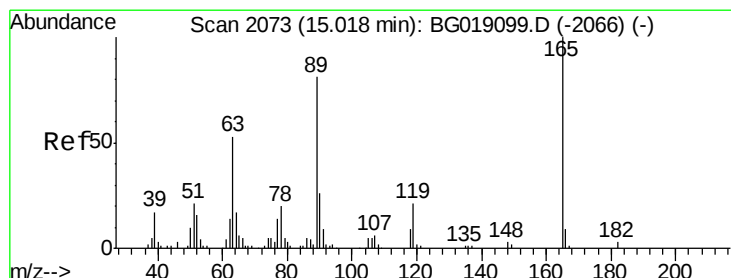
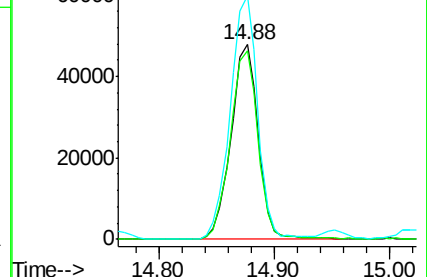
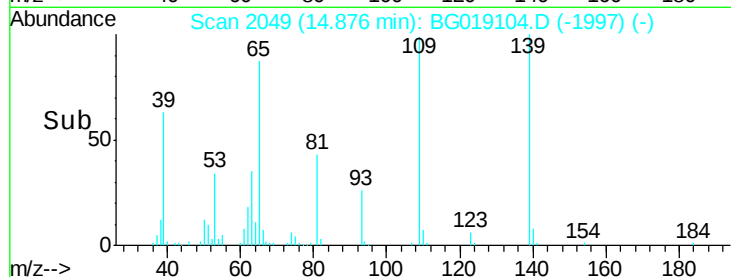
65 125.3 110.0 150.0



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): BGC



#56

2,4-Dinitrotoluene

Concen: 45.29 ng

RT: 15.02 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion:165 Resp: 64639

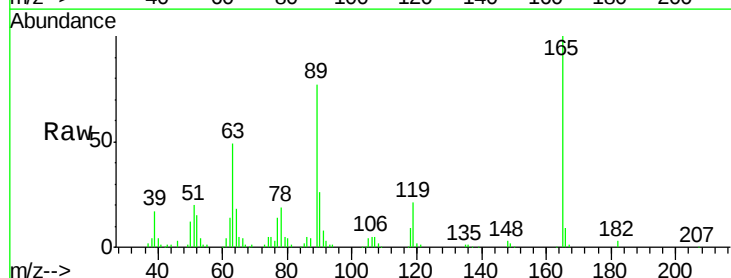
Ion Ratio Lower Upper

165 100

63 49.2 42.2 63.2

89 77.4 64.8 97.2

182 2.8 2.4 3.6

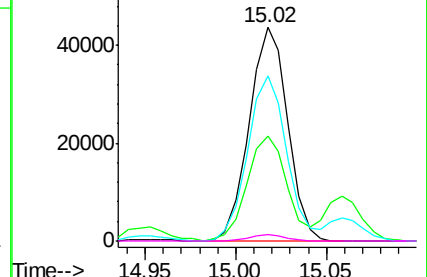
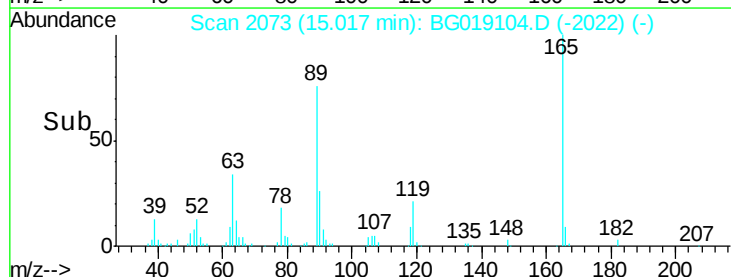


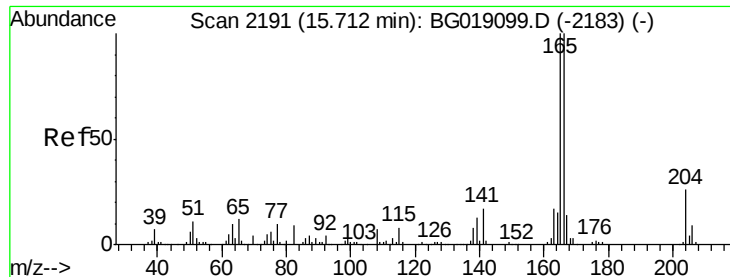
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.64 ng

RT: 15.71 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

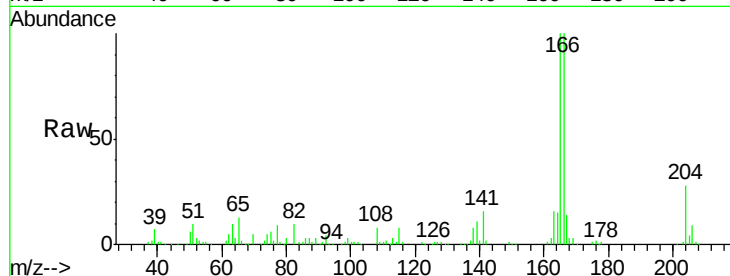
Tot Ion:166 Resp: 188434

Ion Ratio Lower Upper

166 100

165 99.7 80.2 120.2

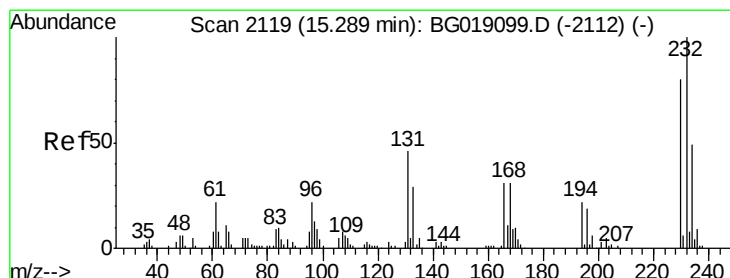
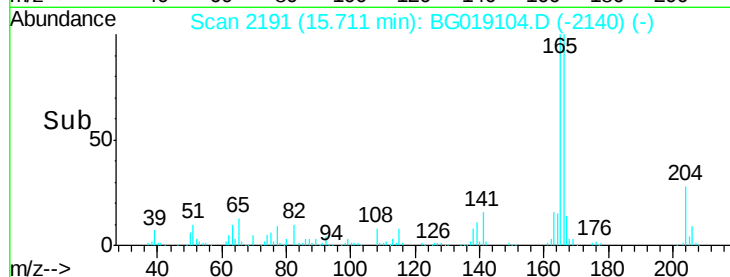
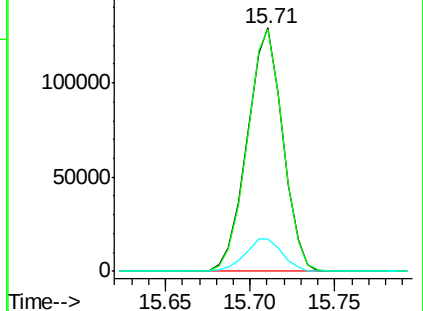
167 13.5 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.41 ng

RT: 15.29 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion:232 Resp: 55521

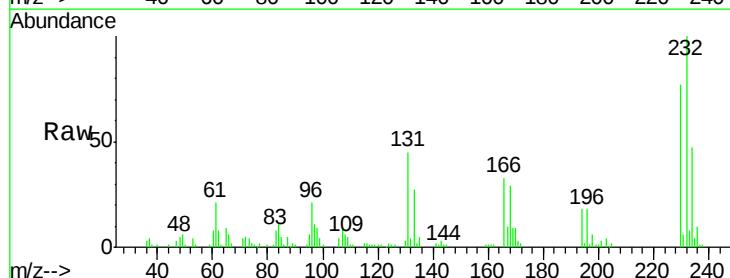
Ion Ratio Lower Upper

232 100

131 44.3 36.5 54.7

130 2.7 2.3 3.5

166 31.7 25.7 38.5

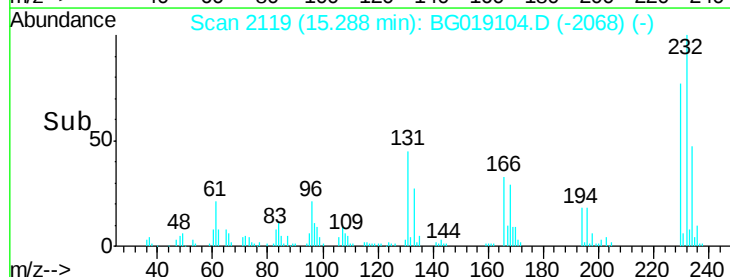
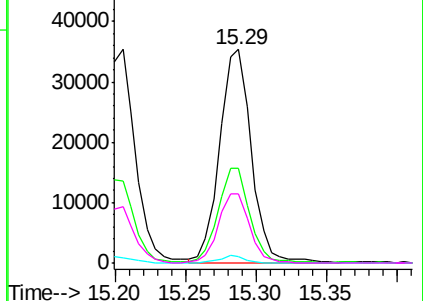


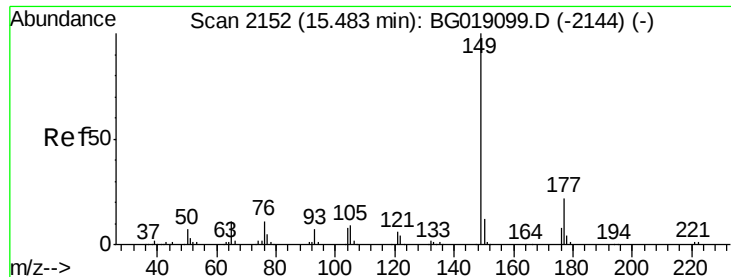
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

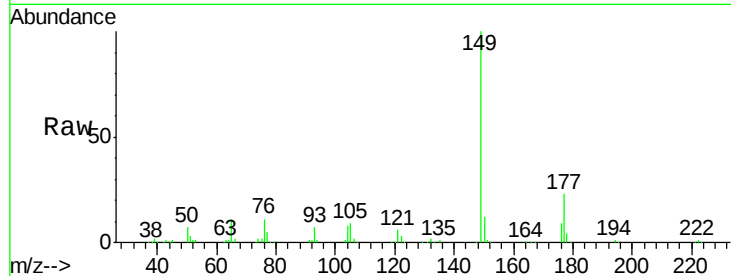




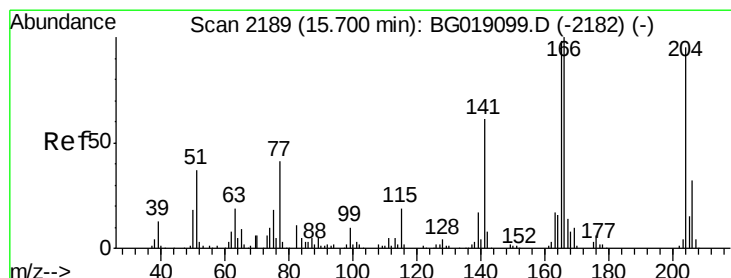
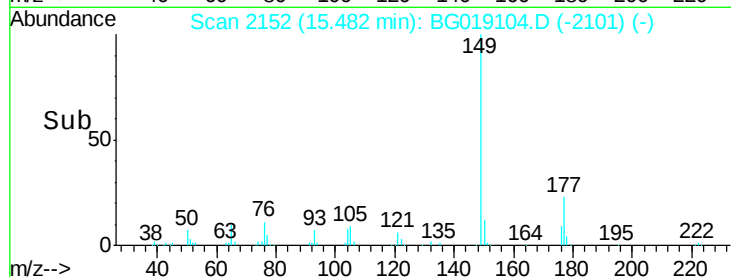
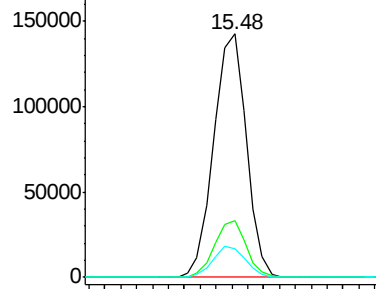
#59
Diethylphthalate
Concen: 42.73 ng
RT: 15.48 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion:149 Resp: 203957
Ion Ratio Lower Upper
149 100
177 23.1 17.7 26.5
150 11.9 9.4 14.2

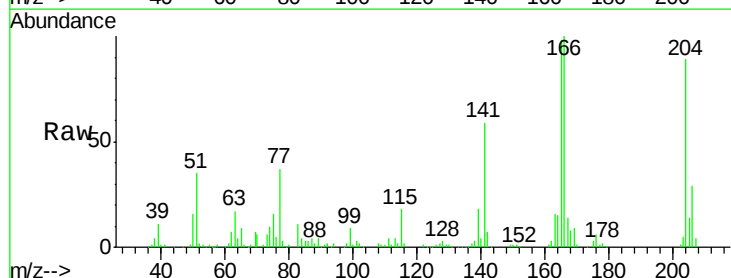


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

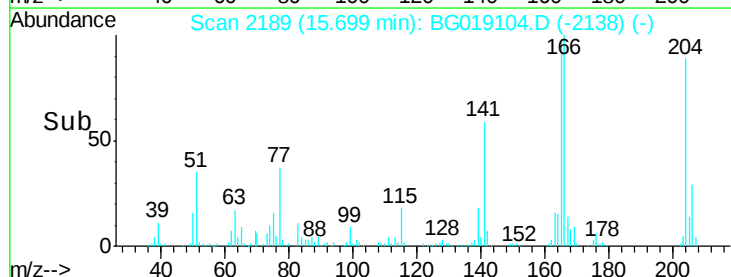
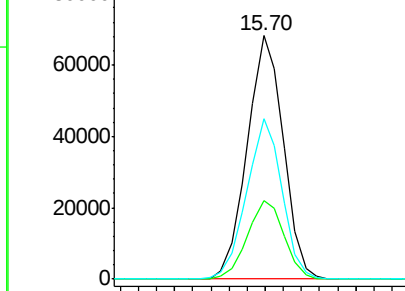


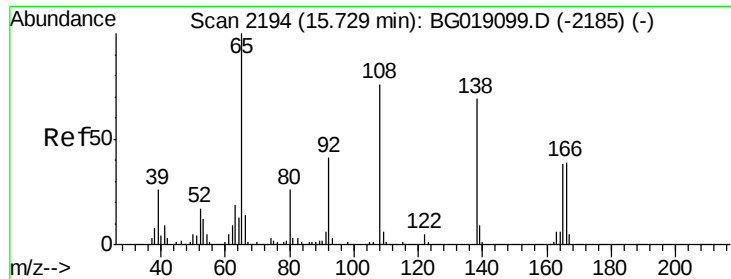
#60
4-Chlorophenyl-phenylether
Concen: 42.19 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion:204 Resp: 94997
Ion Ratio Lower Upper
204 100
206 32.4 27.0 40.4
141 65.8 51.9 77.9



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.27 ng

RT: 15.73 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

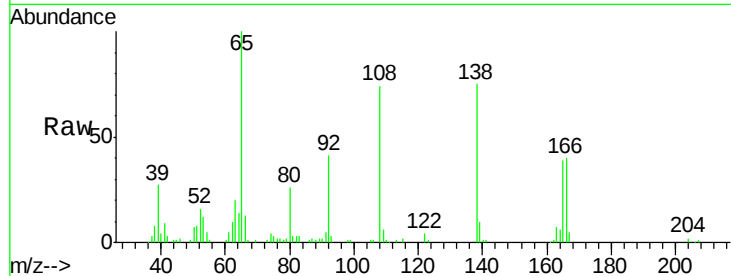
Tot Ion:138 Resp: 49758

Ion Ratio Lower Upper

138 100

92 55.1 39.0 79.0

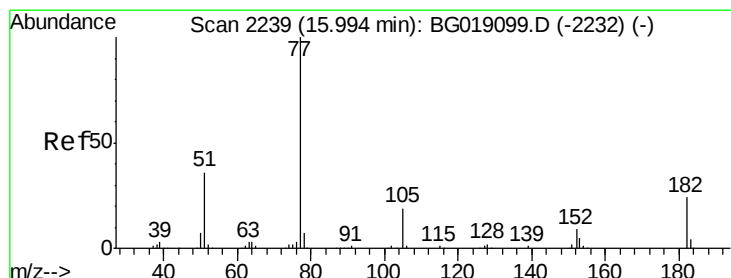
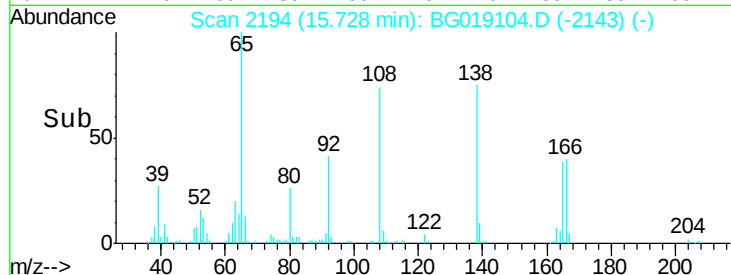
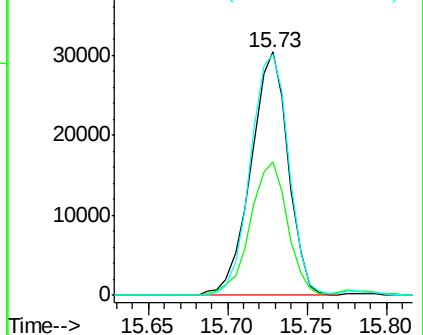
108 99.1 90.8 130.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.89 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Tgt Ion: 77 Resp: 194256

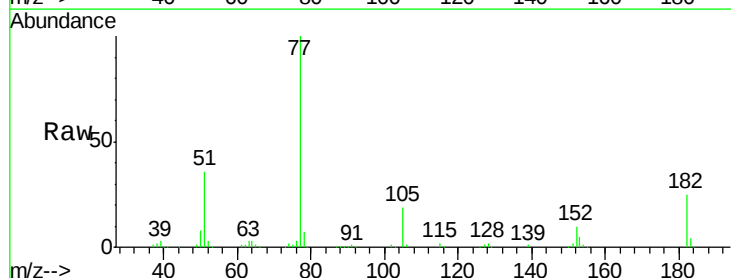
Ion Ratio Lower Upper

77 100

182 25.0 4.4 44.4

105 19.4 0.0 39.1

51 36.0 15.9 55.9

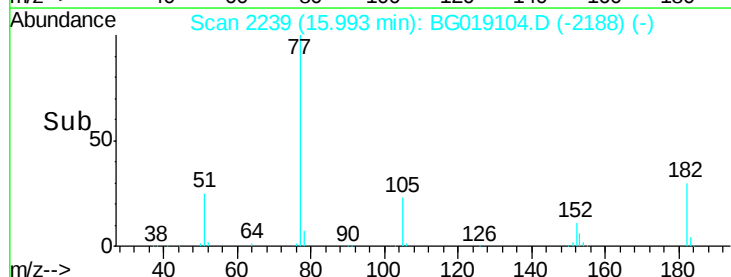
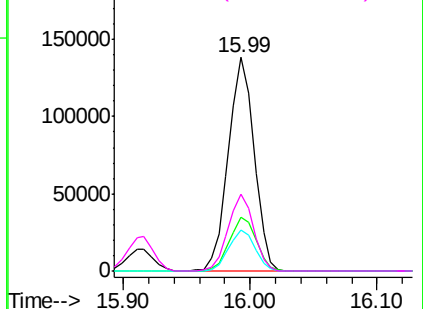


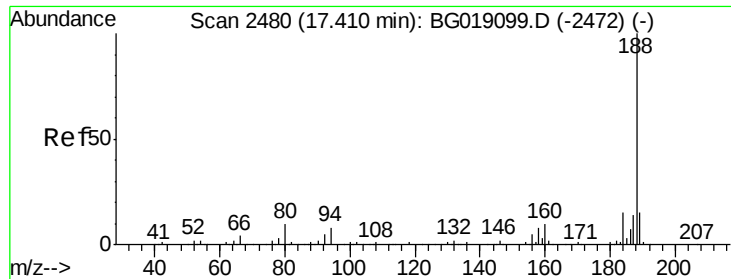
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

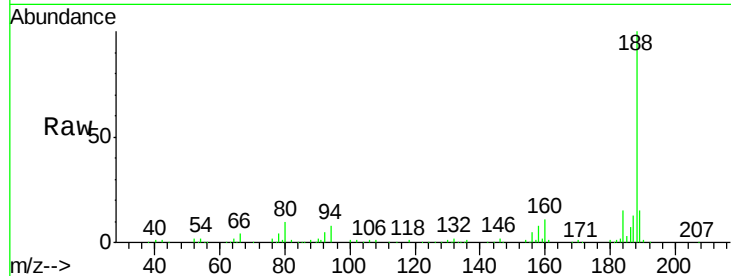




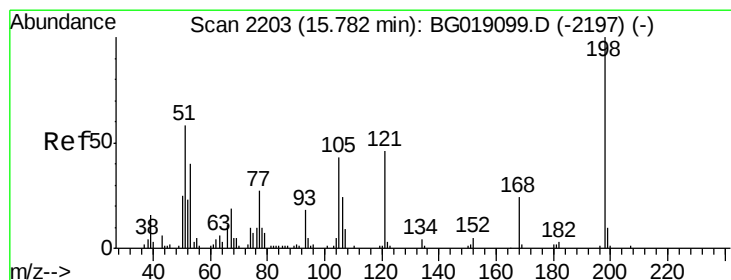
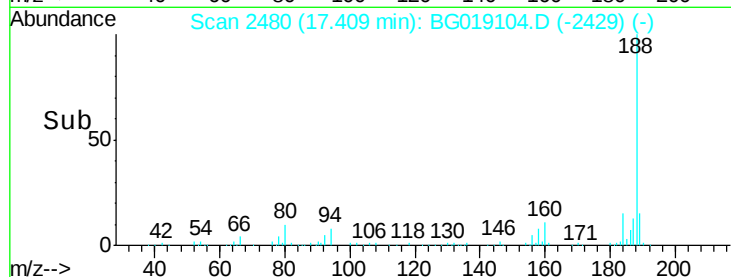
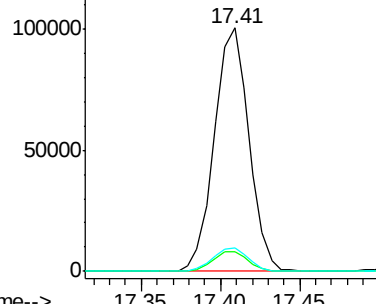
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion:188 Resp: 152171
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 9.8 7.6 11.4

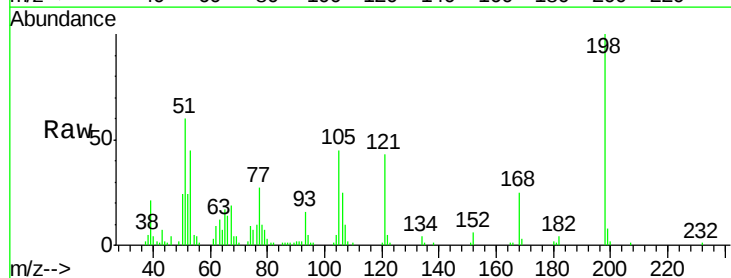


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

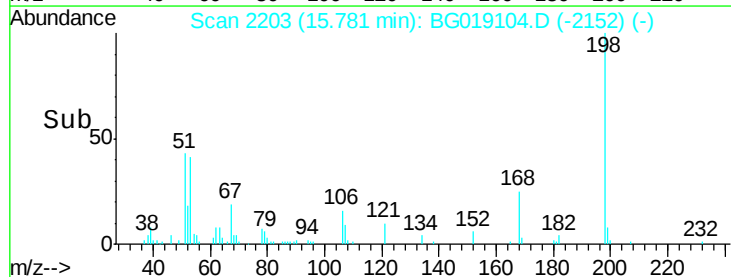
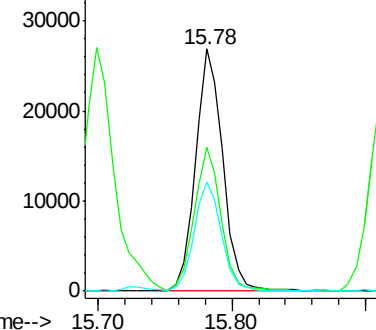


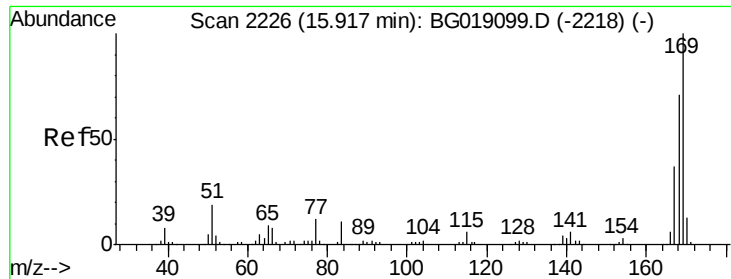
#64
4,6-Dinitro-2-methylphenol
Concen: 46.27 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion:198 Resp: 38446
Ion Ratio Lower Upper
198 100
51 59.6 40.1 80.1
105 45.1 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

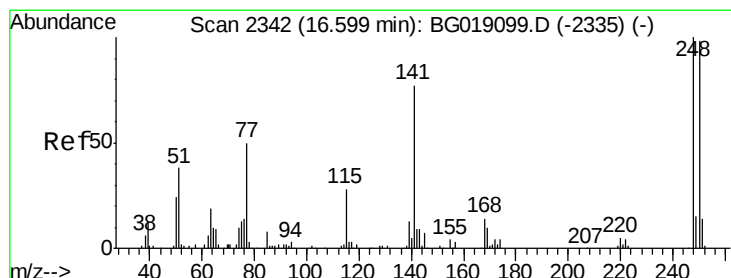
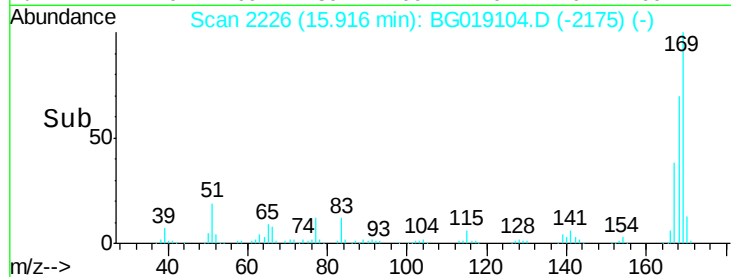
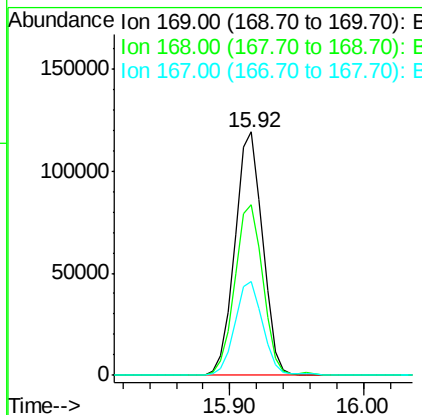
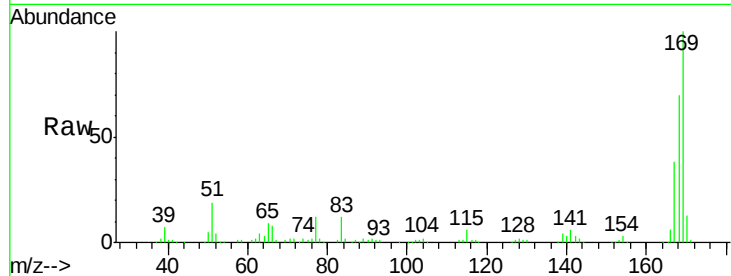




#65
 n-Nitrosodiphenylamine
 Concen: 40.80 ng
 RT: 15.92 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

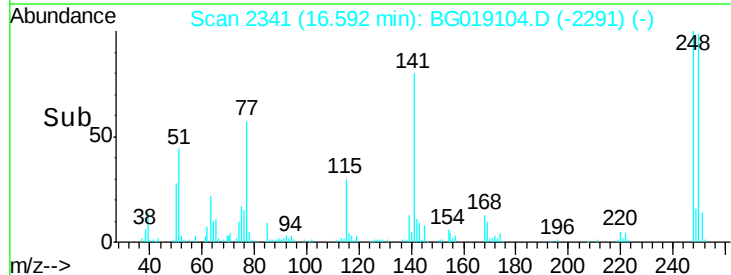
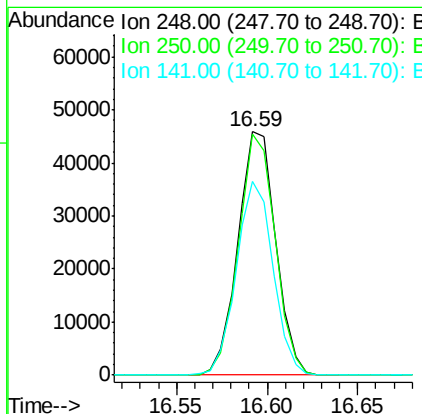
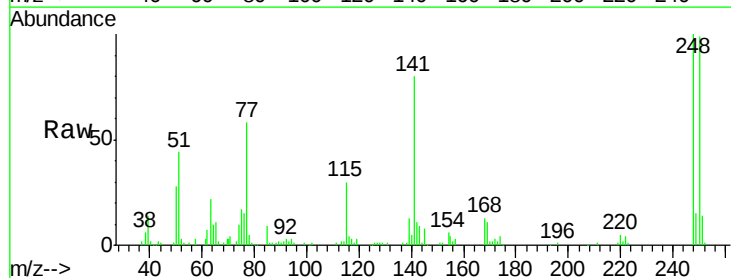
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tot Ion:169 Resp: 171581
 Ion Ratio Lower Upper
 169 100
 168 70.1 56.6 84.8
 167 38.3 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 43.02 ng
 RT: 16.59 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion:248 Resp: 66519
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.4 117.6
 141 79.7 61.7 92.5

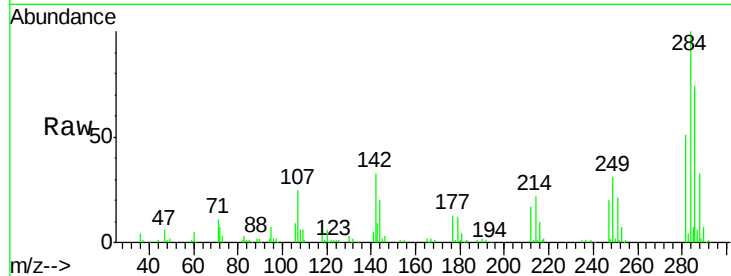




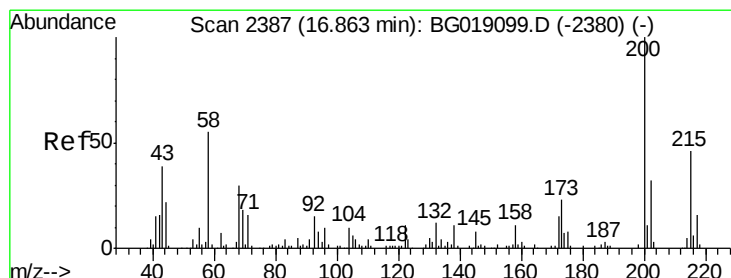
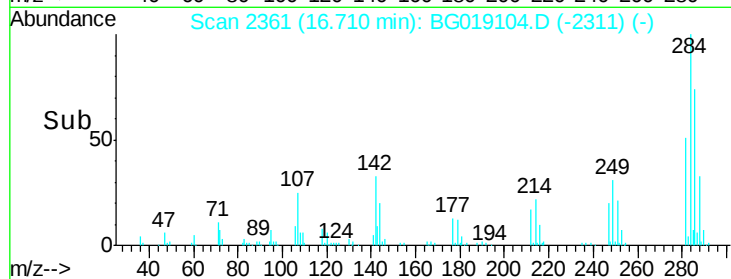
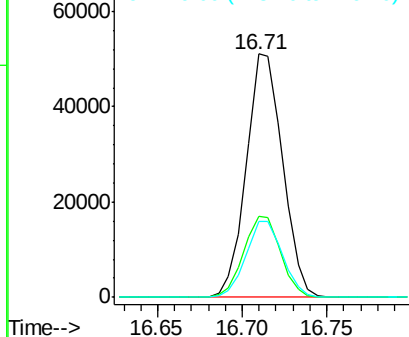
#67
Hexachlorobenzene
Concen: 42.22 ng
RT: 16.71 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion:284 Resp: 76680
Ion Ratio Lower Upper
284 100
142 33.4 27.0 40.4
249 31.0 25.4 38.2

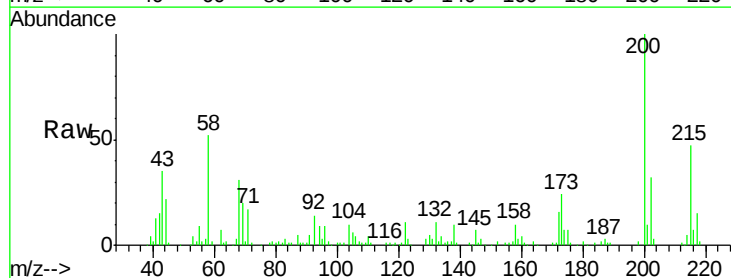


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

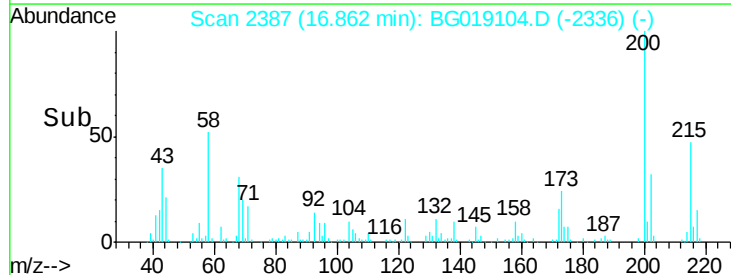
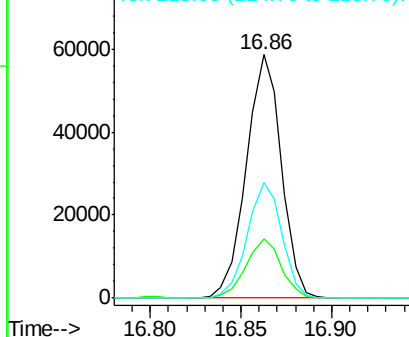


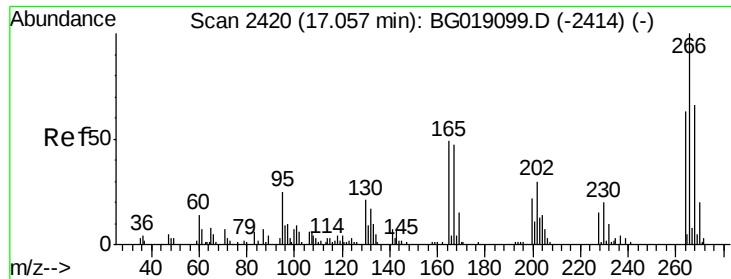
#68
Atrazine
Concen: 45.33 ng
RT: 16.86 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion:200 Resp: 78511
Ion Ratio Lower Upper
200 100
173 24.5 3.3 43.3
215 47.5 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

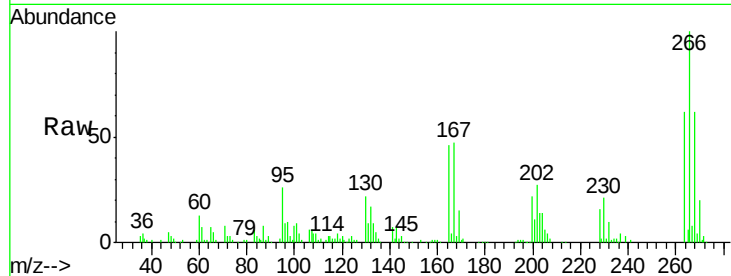




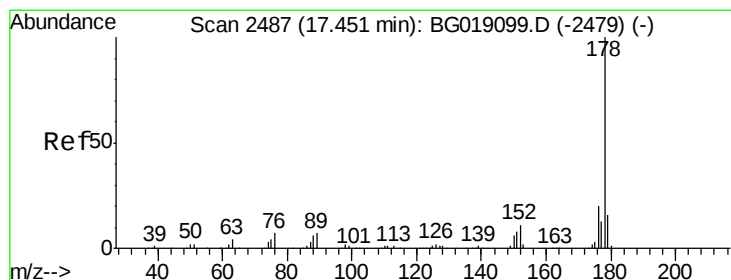
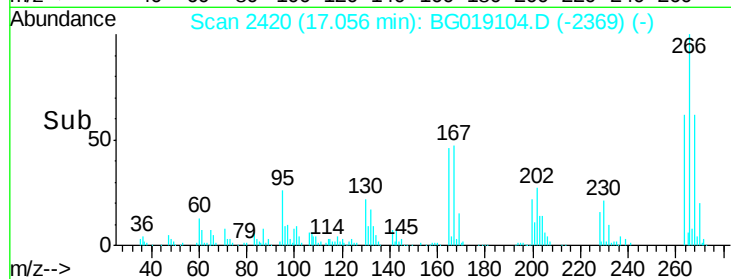
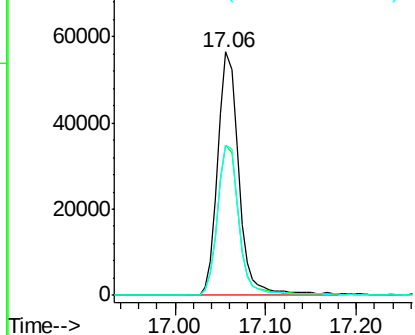
#69
 Pentachlorophenol
 Concen: 96.75 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

Tot Ion:266 Resp: 91598
 Ion Ratio Lower Upper
 266 100
 268 61.6 53.0 79.4
 264 61.5 50.1 75.1

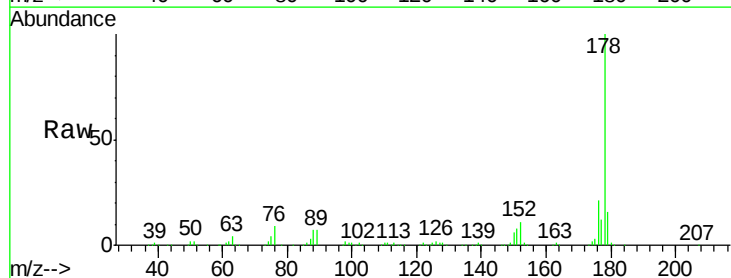


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

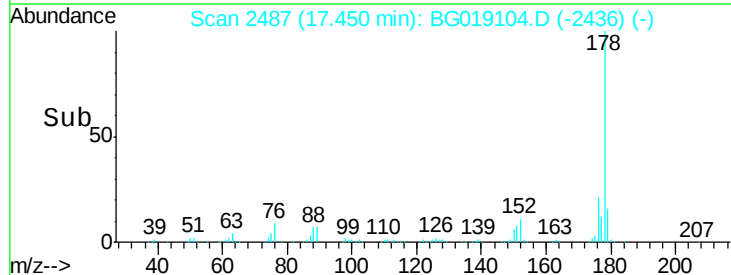
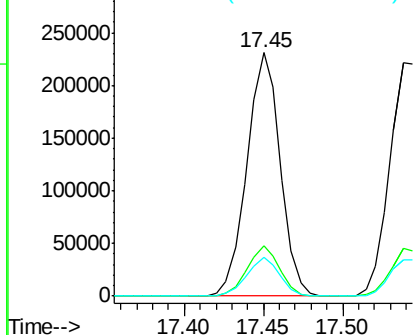


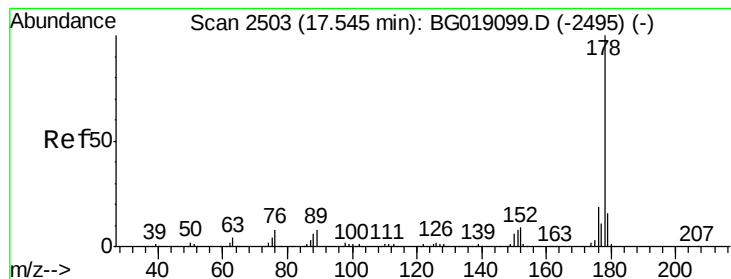
#70
 Phenanthrene
 Concen: 42.89 ng
 RT: 17.45 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion:178 Resp: 335879
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.3 24.5
 179 16.2 12.8 19.2



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





#71

Anthracene

Concen: 43.86 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

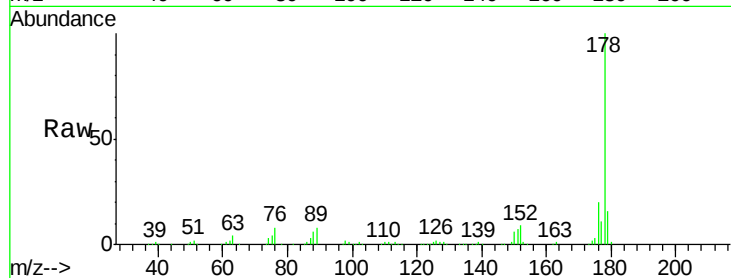
Tot Ion:178 Resp: 343588

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

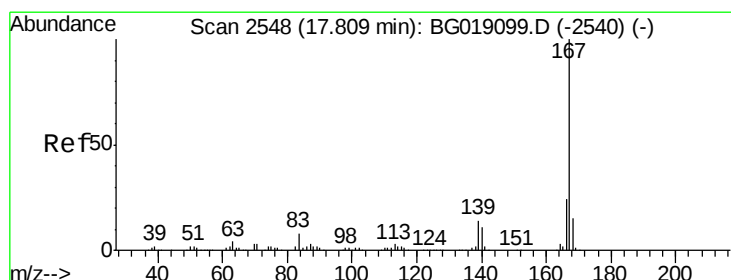
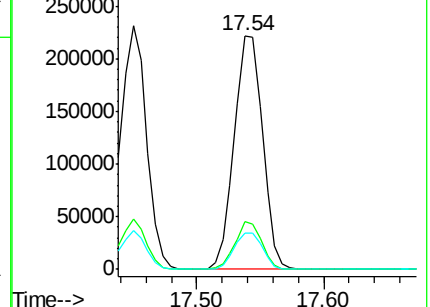
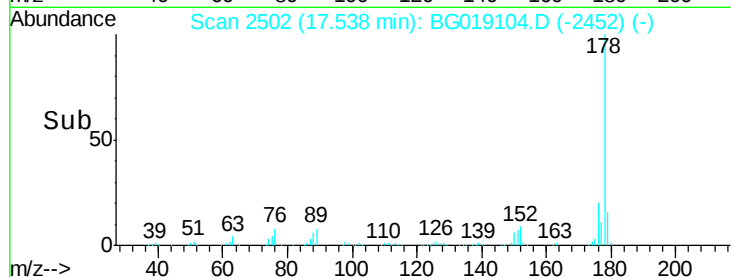
179 15.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.16 ng

RT: 17.81 min Scan# 2548

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

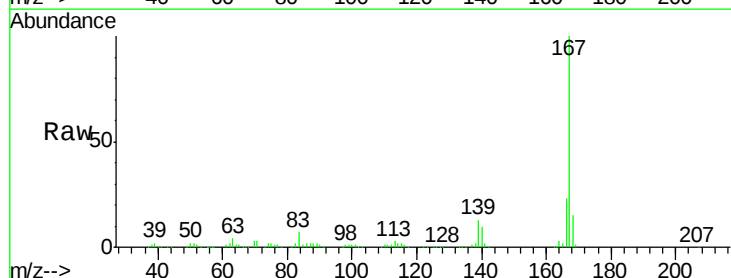
Tgt Ion:167 Resp: 323784

Ion Ratio Lower Upper

167 100

166 23.1 19.1 28.7

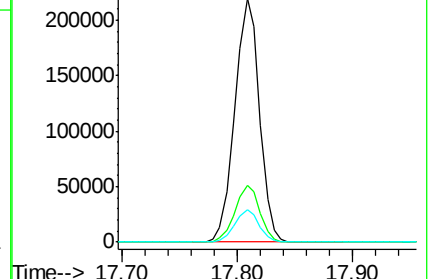
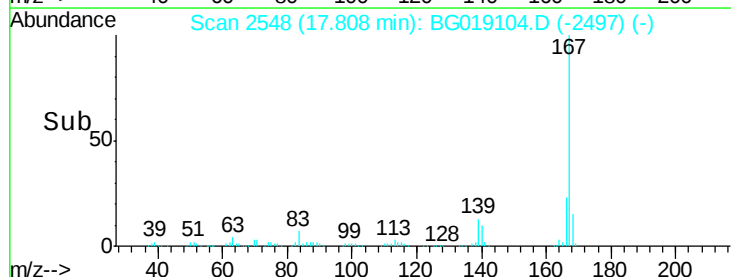
139 13.3 11.2 16.8

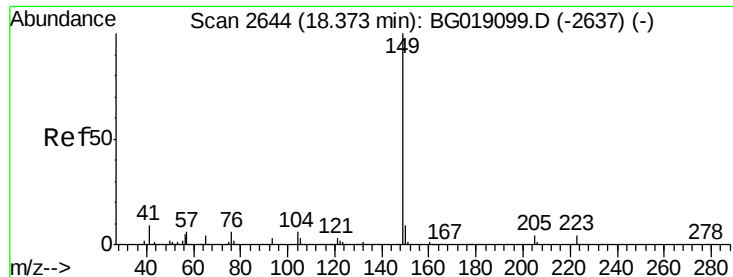


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

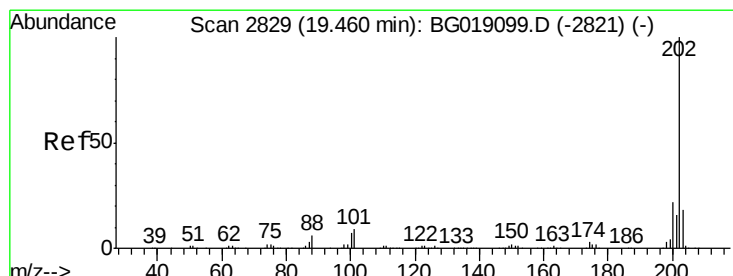
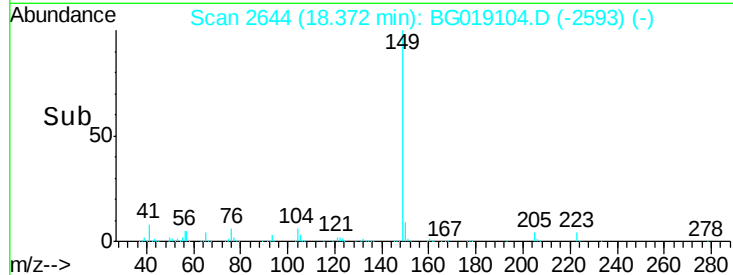
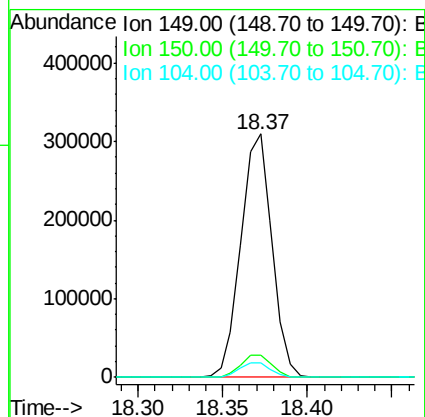
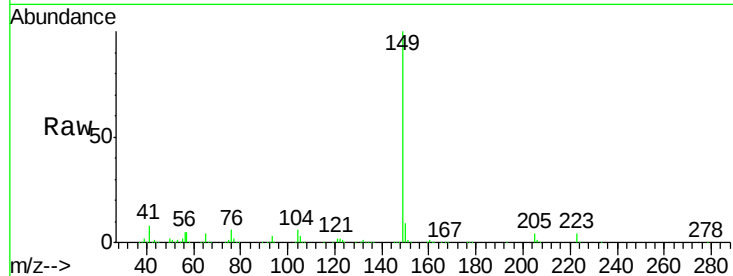




#73
Di-n-butylphthalate
Concen: 44.26 ng
RT: 18.37 min Scan# 2644
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

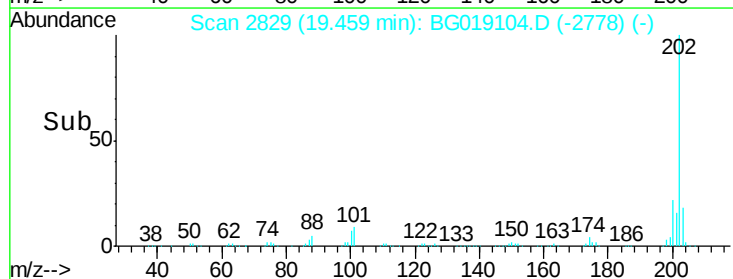
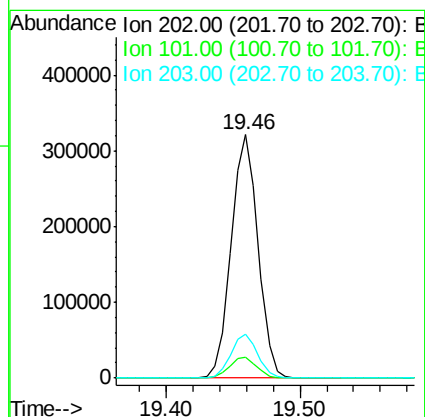
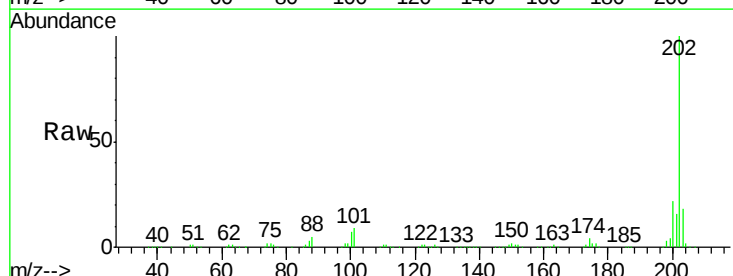
Instrument :
BNA_G
ClientSampleId :
PB85924BS

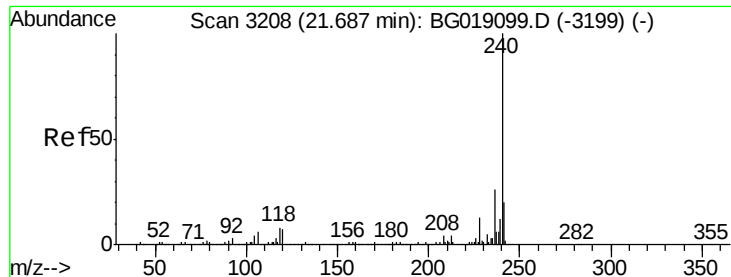
Tot Ion:149 Resp: 397494
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.8 5.0 7.6



#74
Fluoranthene
Concen: 44.62 ng
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion:202 Resp: 449626
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.9
203 17.8 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: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

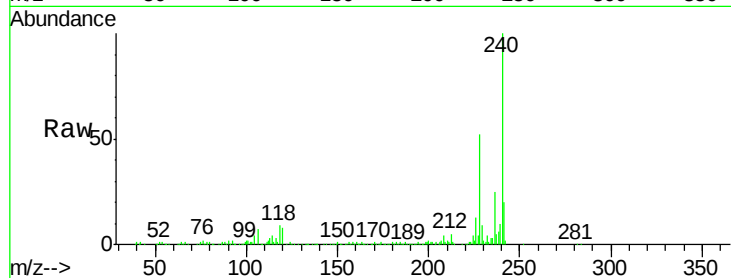
Tot Ion:240 Resp: 189935

Ion Ratio Lower Upper

240 100

120 8.2 5.8 8.6

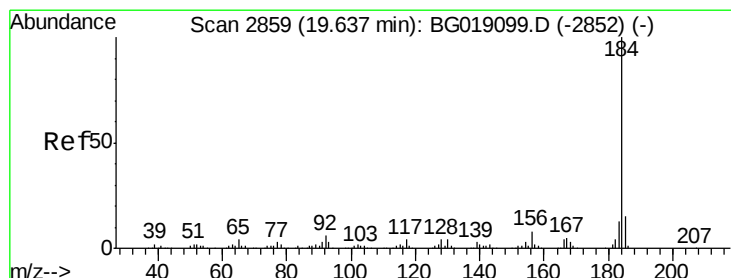
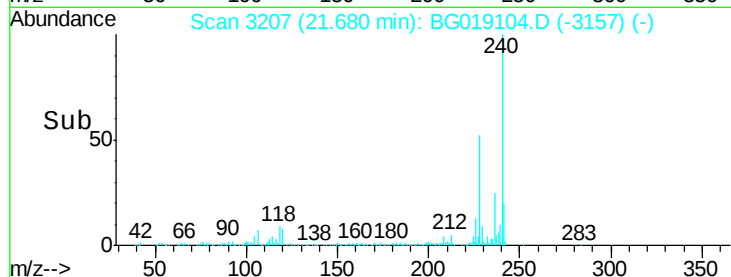
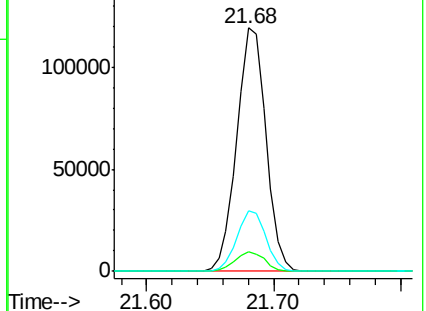
236 25.0 21.2 31.8



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: 29.51 ng

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

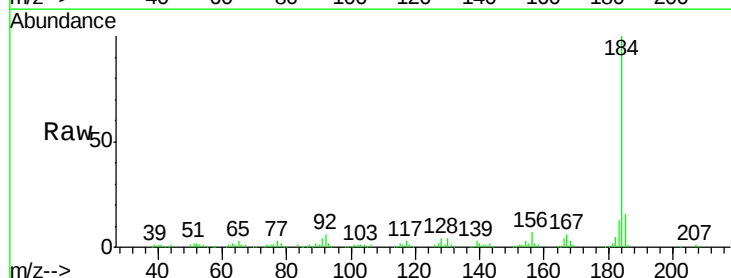
Tgt Ion:184 Resp: 143823

Ion Ratio Lower Upper

184 100

185 15.6 11.9 17.9

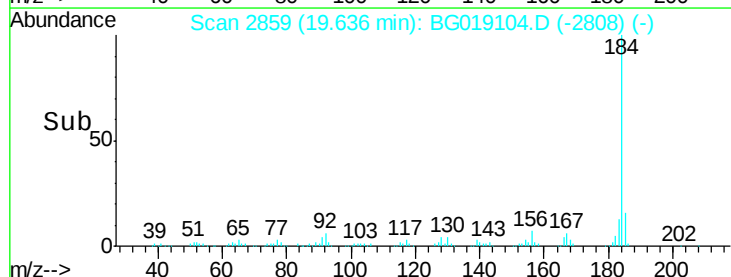
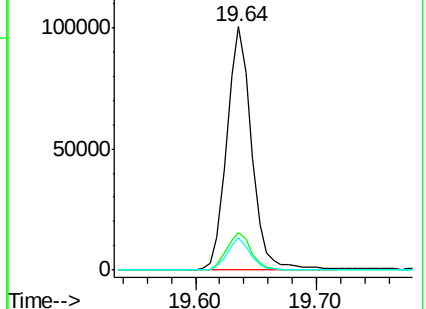
183 13.2 10.1 15.1



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: 43.50 ng

RT: 19.82 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

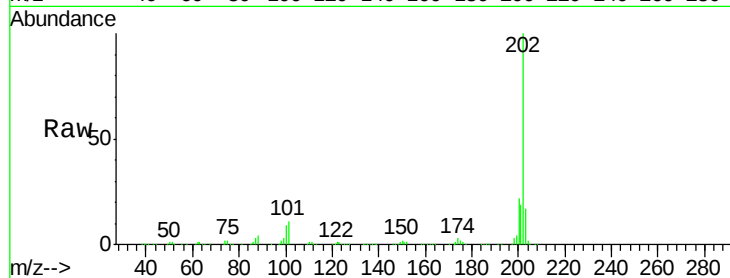
Tot Ion:202 Resp: 462688

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

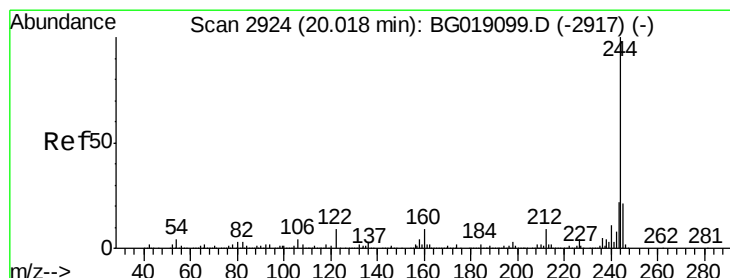
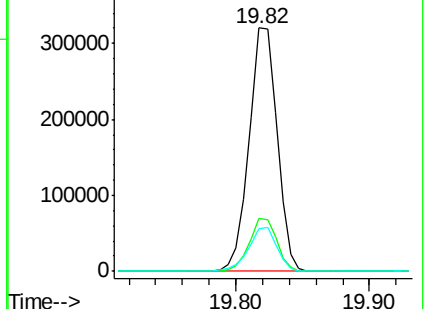
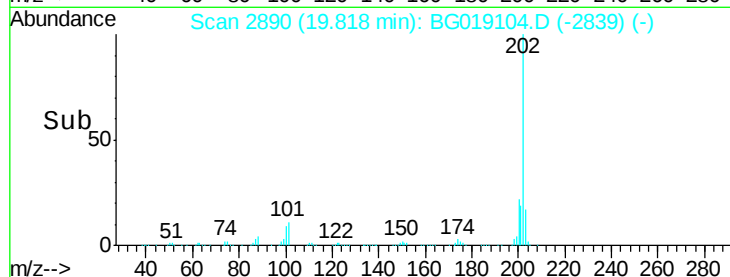
203 17.3 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.00 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

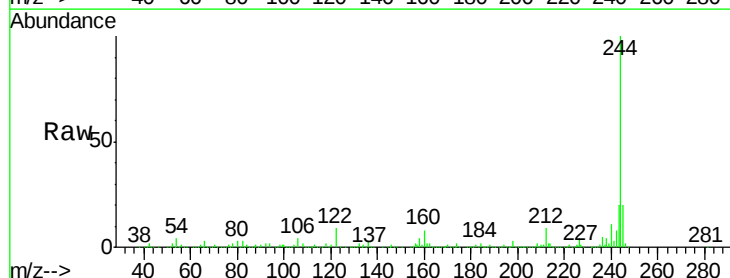
Tgt Ion:244 Resp: 632748

Ion Ratio Lower Upper

244 100

212 8.6 6.8 10.2

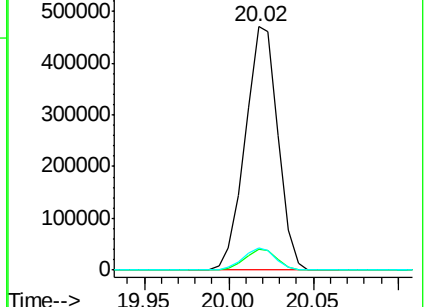
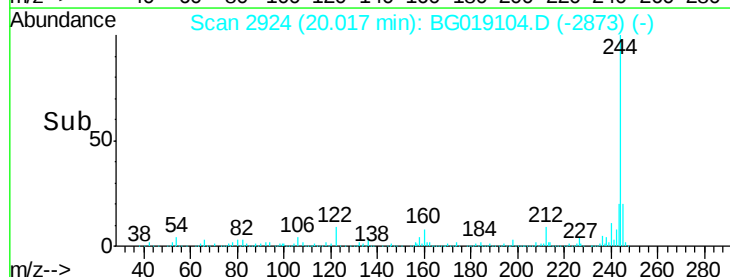
122 9.1 7.4 11.2

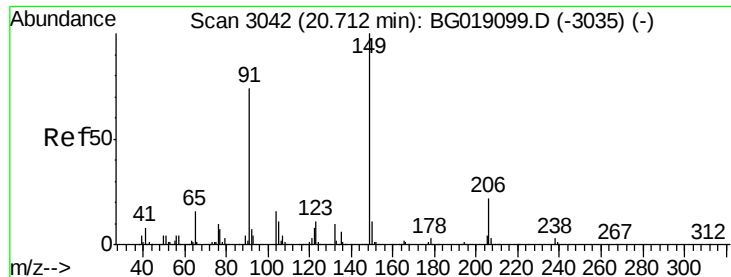


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

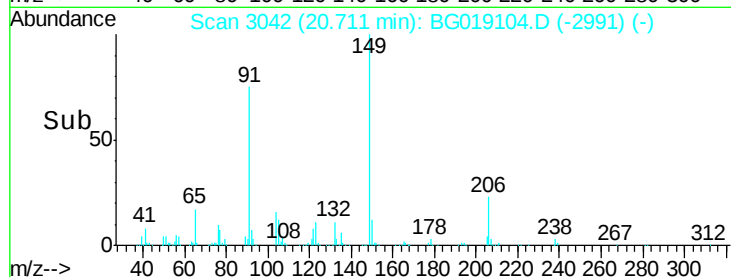
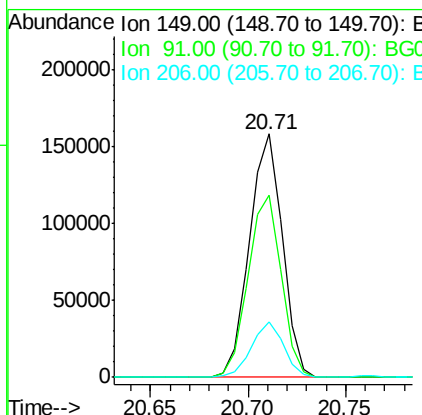
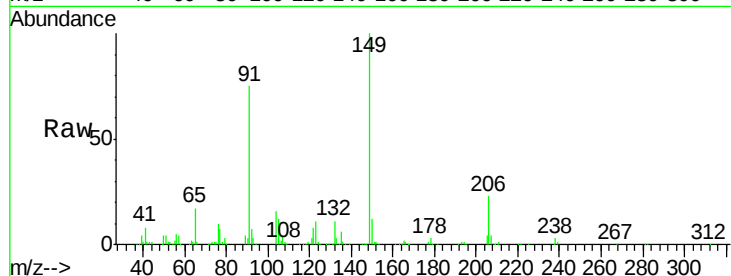




#79
Butylbenzylphthalate
Concen: 42.76 ng
RT: 20.71 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

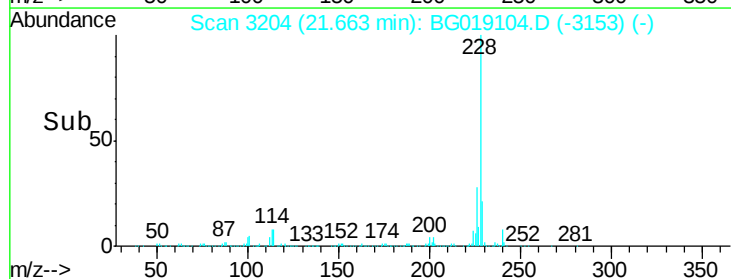
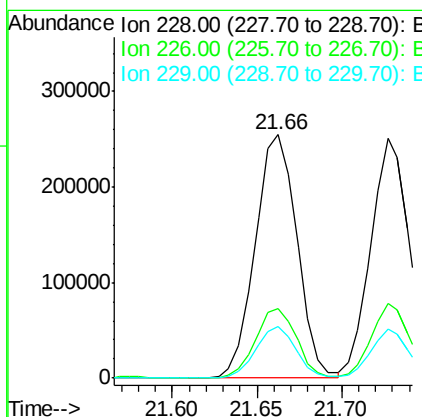
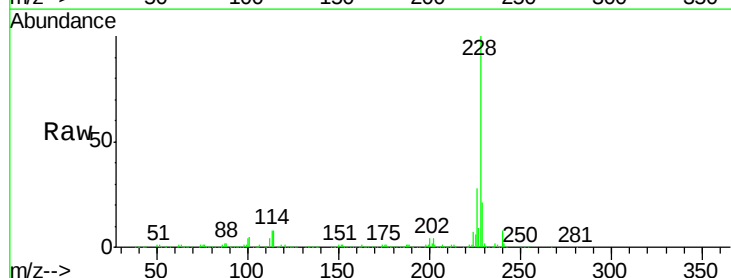
Instrument :
BNA_G
ClientSampleId :
PB85924BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.9	59.2	88.8
206	22.8	17.5	26.3



#80
Benzo(a)anthracene
Concen: 43.03 ng
RT: 21.66 min Scan# 3204
Delta R.T. -0.00 min
Lab File: BG019104.D
Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	21.0	16.2	24.2

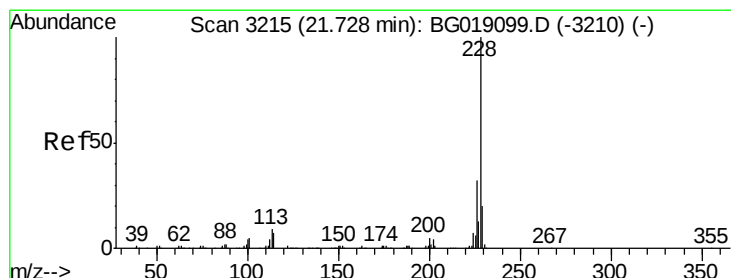
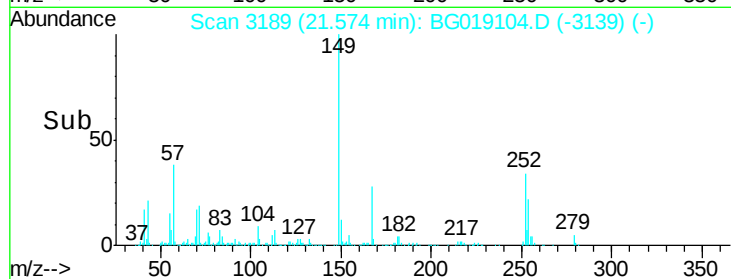
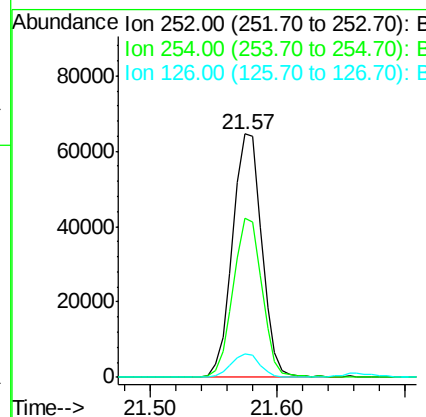
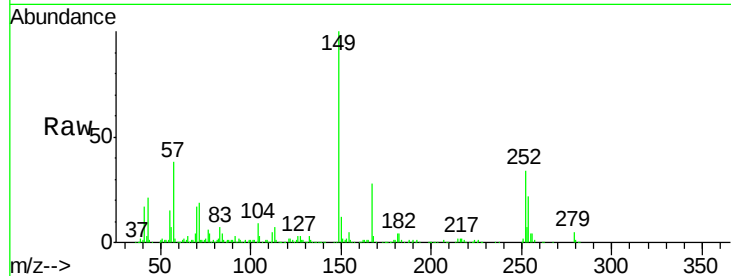




#81
 3,3'-Dichlorobenzidine
 Concen: 27.34 ng
 RT: 21.57 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

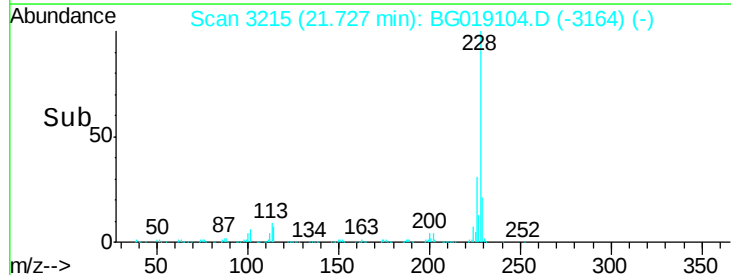
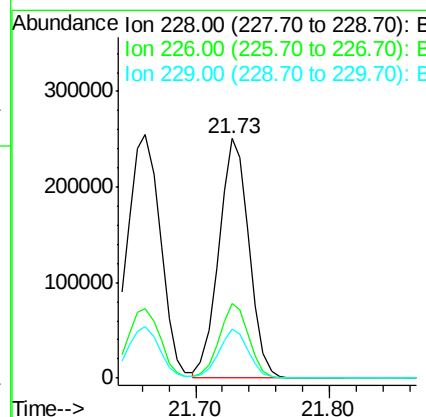
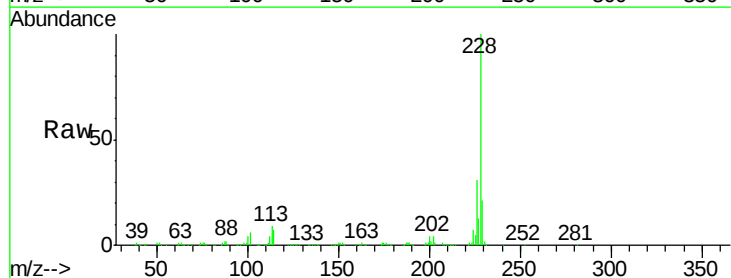
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

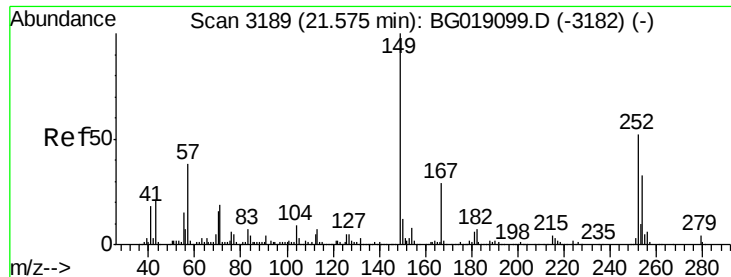
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.9	80.9
126	9.7	7.0	10.6



#82
 Chrysene
 Concen: 41.06 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.00 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	20.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.53 ng

RT: 21.57 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

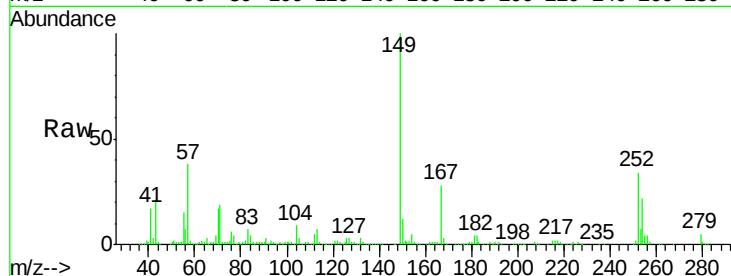
Tot Ion:149 Resp: 255990

Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

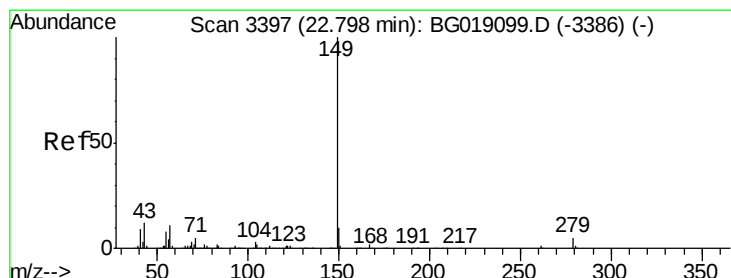
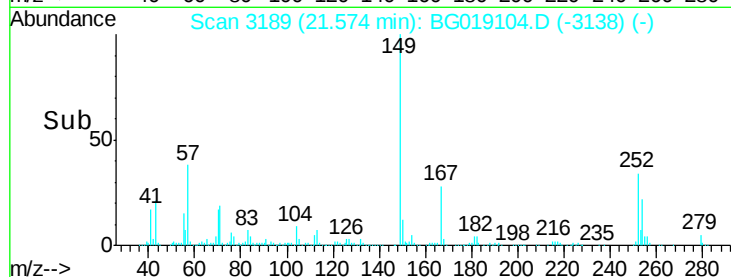
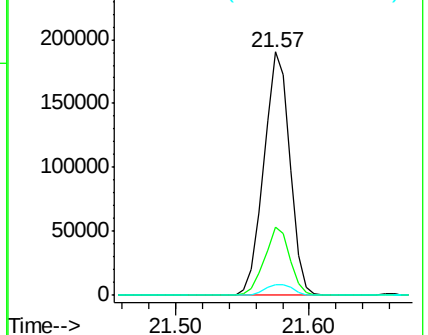
279 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.95 ng

RT: 22.80 min Scan# 3397

Delta R.T. -0.00 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

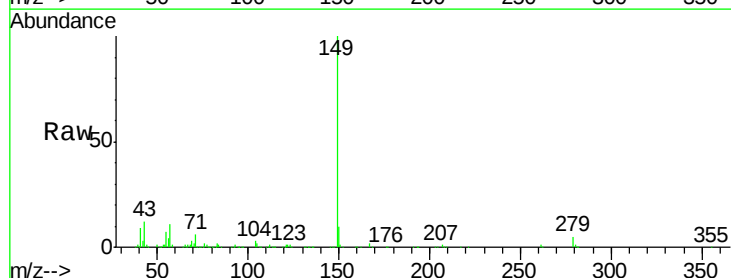
Tgt Ion:149 Resp: 436206

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

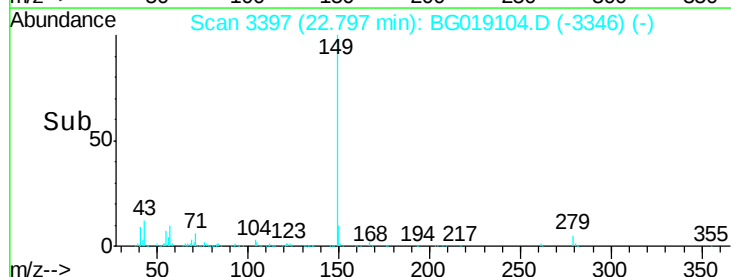
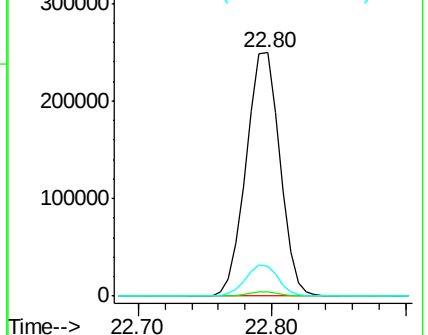
43 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

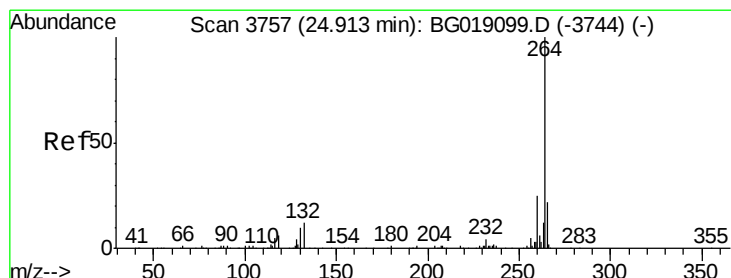
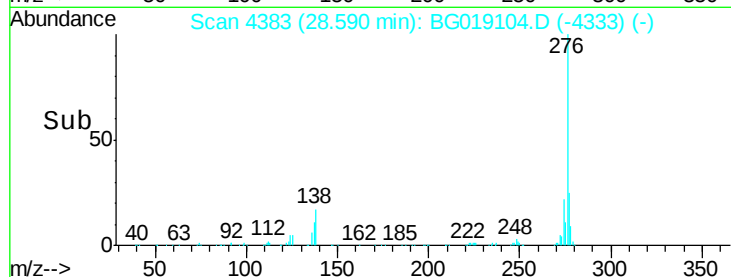
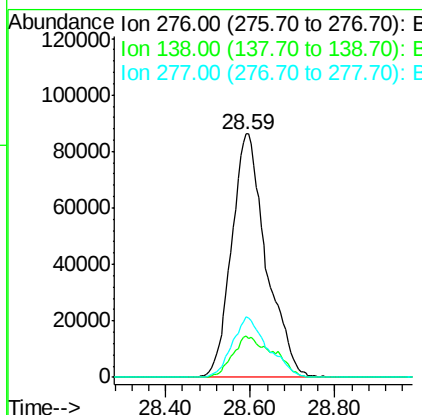
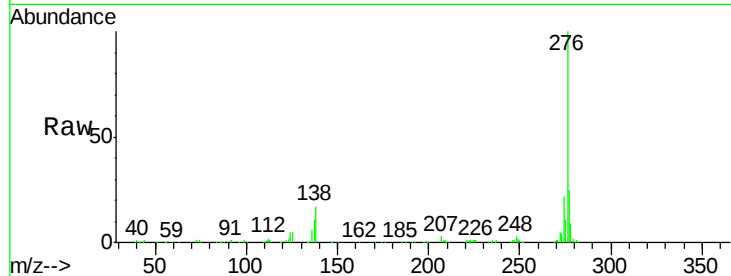




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.33 ng
 RT: 28.59 min Scan# 4383
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

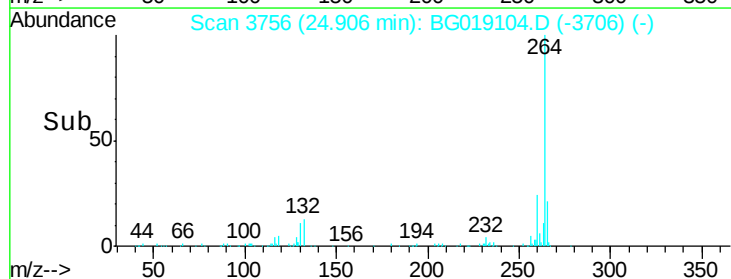
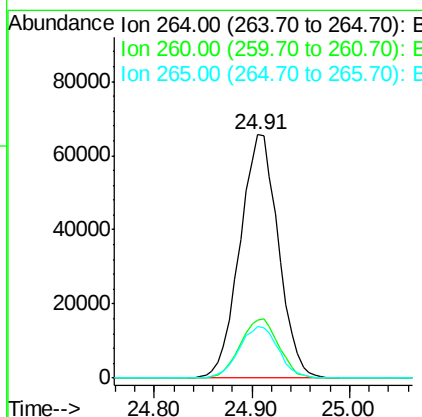
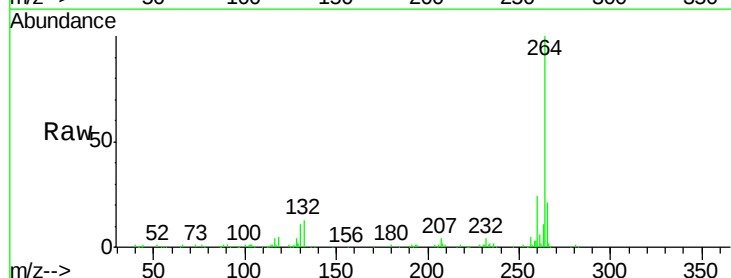
Instrument :
 BNA_G
 ClientSampleId :
 PB85924BS

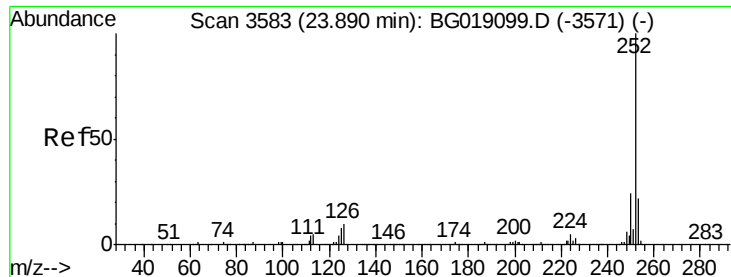
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	10.2	15.4#
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.01 min
 Lab File: BG019104.D
 Acq: 10 Oct 2015 6:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.50 ng

RT: 23.88 min Scan# 3582

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

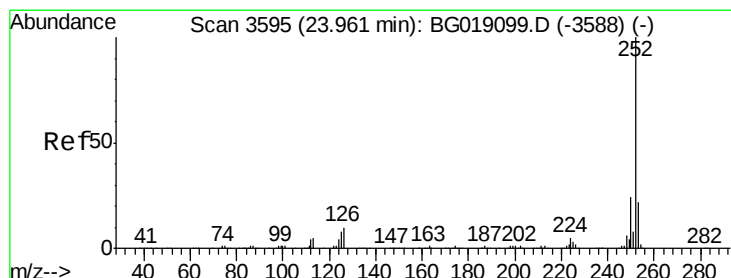
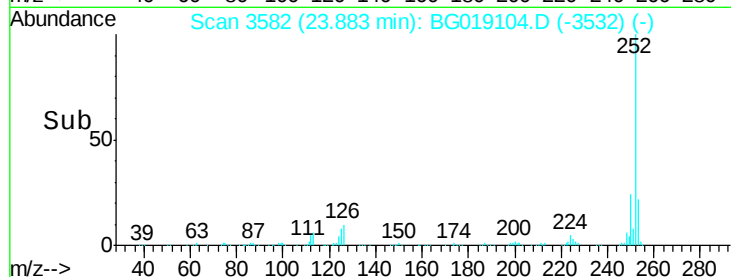
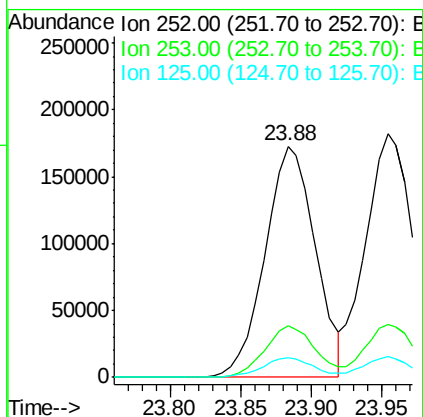
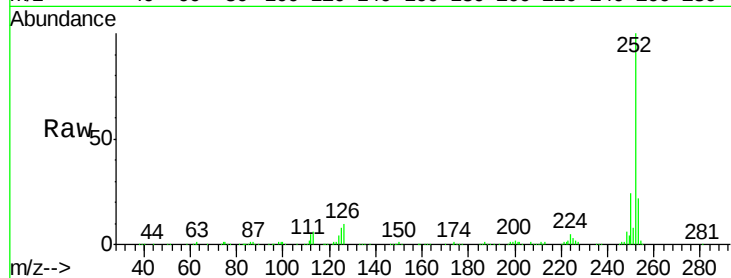
Tot Ion:252 Resp: 429558

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 8.3 6.6 9.8



#88

Benzo(k)fluoranthene

Concen: 43.89 ng

RT: 23.95 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

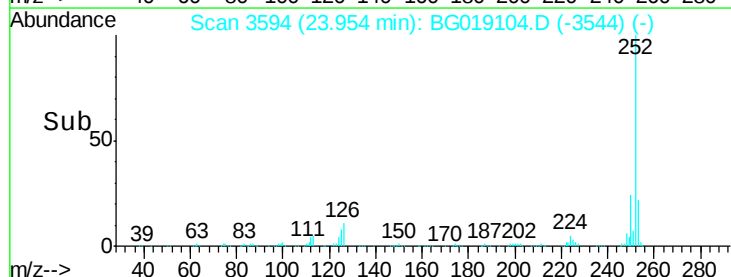
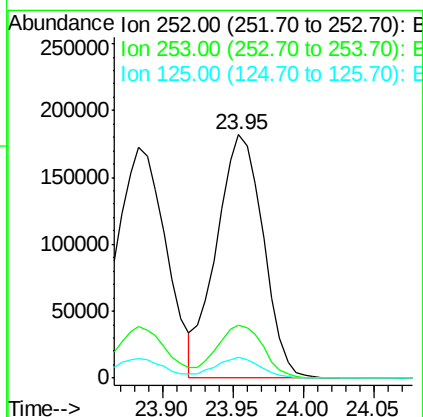
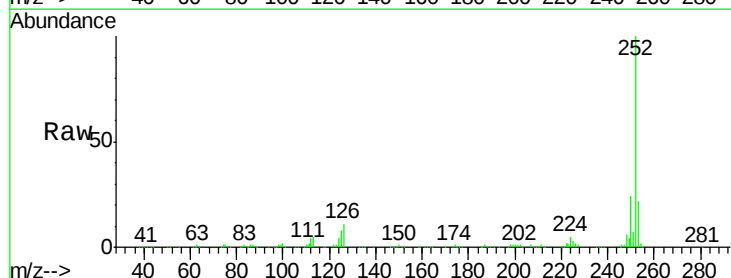
Tgt Ion:252 Resp: 418261

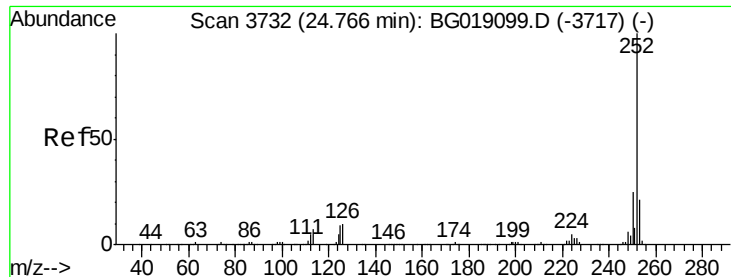
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 8.3 6.4 9.6





#89

Benzo(a)pyrene

Concen: 45.30 ng

RT: 24.76 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

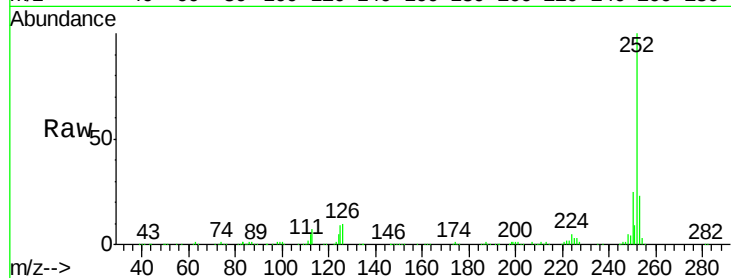
Tot Ion:252 Resp: 413077

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

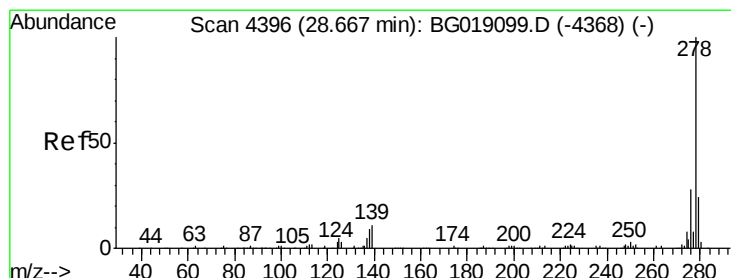
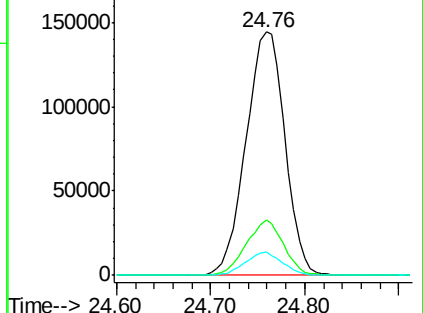
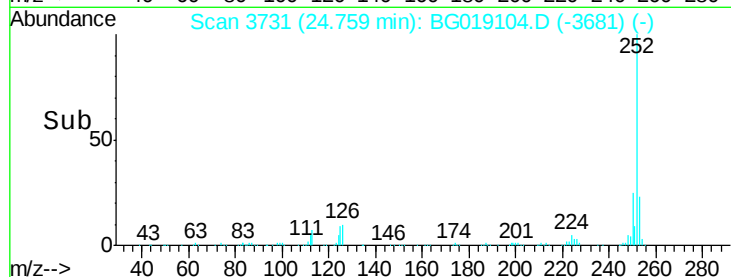
125 9.4 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.58 ng

RT: 28.66 min Scan# 4395

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

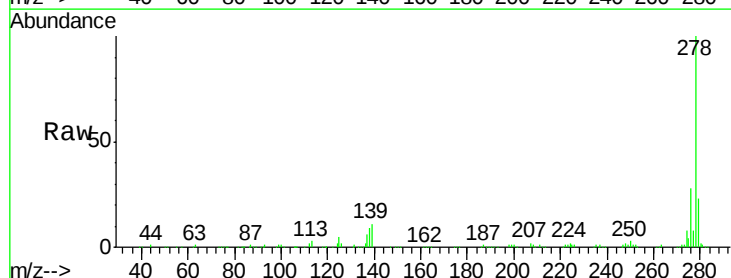
Tgt Ion:278 Resp: 426709

Ion Ratio Lower Upper

278 100

139 11.2 8.6 12.8

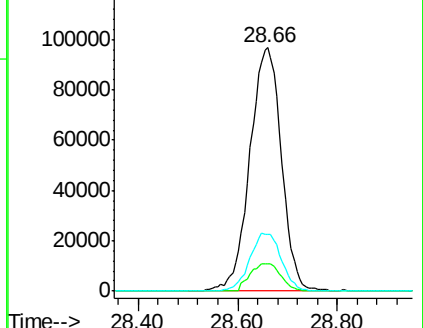
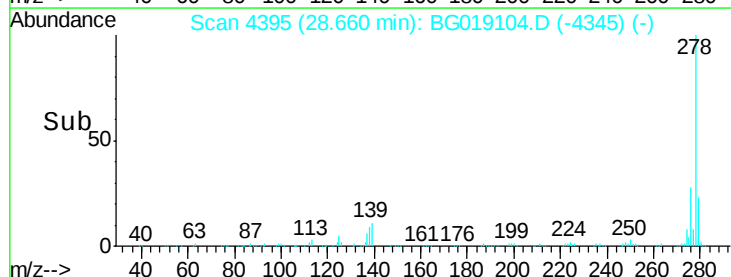
279 23.4 19.5 29.3

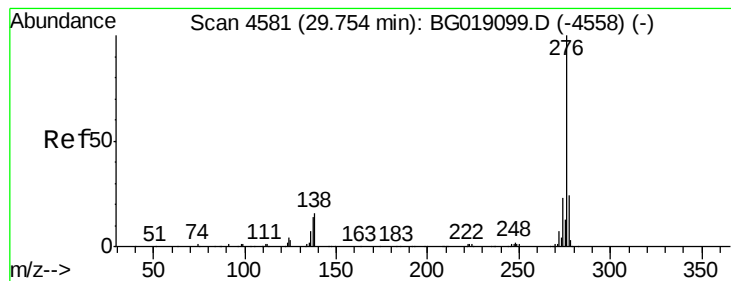


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.94 ng

RT: 29.75 min Scan# 4580

Delta R.T. -0.01 min

Lab File: BG019104.D

Acq: 10 Oct 2015 6:42

Instrument :

BNA_G

ClientSampleId :

PB85924BS

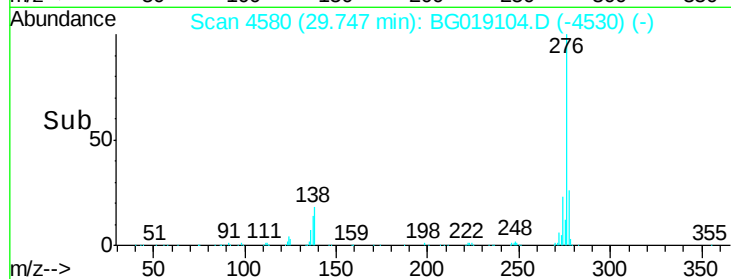
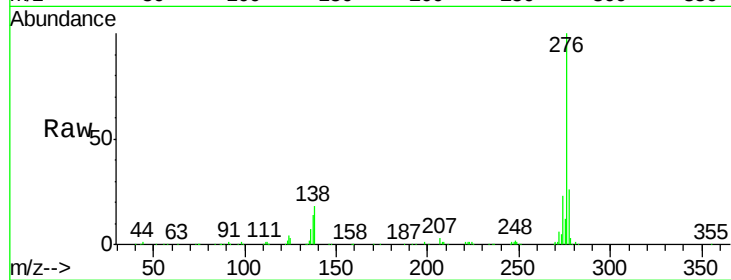
Tot Ion: 276 Resp: 400083

Ion Ratio Lower Upper

276 100

277 25.8 19.5 29.3

138 17.8 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

