

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
 Data File : BG020065.D
 Acq On : 10 Dec 2015 6:12
 Operator : UM/SJ
 Sample : PB87142BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

Quant Time: Dec 10 07:43:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18738	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	81263	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	57964	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	143078	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	178716	20.00	ng	-0.04
86) Perylene-d12	25.03	264	166491	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	138679	133.76	ng	-0.01
7) Phenol-d6	7.26	99	204717	130.78	ng	0.00
23) Nitrobenzene-d5	9.28	82	130970	82.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	105327	118.76	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	322660	76.01	ng	-0.03
78) Terphenyl-d14	20.08	244	582404	79.49	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	13183	32.64	ng	# 100
3) Pyridine	3.92	79	42257	34.45	ng	# 88
4) n-Nitrosodimethylamine	3.83	42	21942	34.01	ng	# 88
6) Aniline	7.43	93	30144	14.87	ng	# 87
8) 2-Chlorophenol	7.67	128	54357	43.00	ng	# 96
9) Benzaldehyde	7.24	77	28205	27.02	ng	# 93
10) Phenol	7.29	94	73908	44.86	ng	# 82
11) bis(2-Chloroethyl)ether	7.52	93	47388	38.84	ng	# 85
12) 1,3-Dichlorobenzene	8.00	146	54123	37.77	ng	# 91
13) 1,4-Dichlorobenzene	8.15	146	55266	37.34	ng	# 95
14) 1,2-Dichlorobenzene	8.47	146	53509	37.91	ng	# 95
15) Benzyl Alcohol	8.35	79	54274	39.51	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	70085	35.22	ng	# 93
17) 2-Methylphenol	8.55	107	51028	43.87	ng	# 93
18) Hexachloroethane	9.20	117	20760	37.46	ng	# 91
19) n-Nitroso-di-n-propylamine	8.92	70	44198	35.80	ng	# 98
20) 3+4-Methylphenols	8.87	107	69248	42.28	ng	# 94
22) Acetophenone	8.93	105	82054	36.84	ng	# 93
24) Nitrobenzene	9.32	77	69048	39.98	ng	# 92
25) Isophorone	9.84	82	119486	35.00	ng	# 97
26) 2-Nitrophenol	10.03	139	30534	45.77	ng	# 72
27) 2,4-Dimethylphenol	10.08	122	56868	40.94	ng	# 96
28) bis(2-Chloroethoxy)methane	10.33	93	68758	41.22	ng	# 100
29) 2,4-Dichlorophenol	10.57	162	63507	44.75	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	61521	38.36	ng	# 97
31) Naphthalene	10.98	128	170414	39.15	ng	# 100
32) Benzoic acid	10.21	122	42792	46.00	ng	# 87
33) 4-Chloroaniline	11.08	127	17600	9.17	ng	# 93
34) Hexachlorobutadiene	11.26	225	43126	36.45	ng	# 100
35) Caprolactam	11.86	113	15445	29.24	ng	# 83
36) 4-Chloro-3-methylphenol	12.19	107	71197	40.28	ng	# 95
37) 2-Methylnaphthalene	12.58	142	130247	40.83	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	84449	38.39	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	76955	61.36	ng	# 99

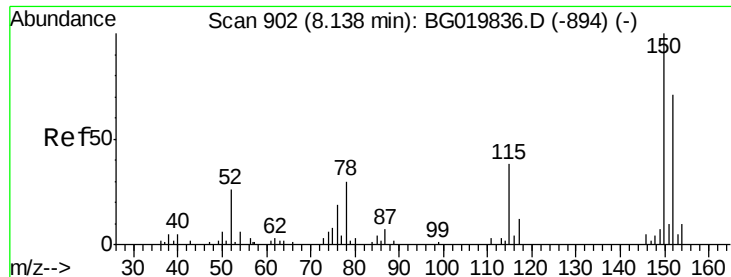
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	58898	40.44	ng	99
43) 2,4,5-Trichlorophenol	13.25	196	65822	42.76	ng	97
45) 1,1'-Biphenyl	13.57	154	175760	36.95	ng	99
46) 2-Chloronaphthalene	13.62	162	143234	39.06	ng	95
47) 2-Nitroaniline	13.82	65	50108	43.27	ng	86
48) Acenaphthylene	14.46	152	236911	37.93	ng	100
49) Dimethylphthalate	14.19	163	190928	36.62	ng	98
50) 2,6-Dinitrotoluene	14.31	165	41591	42.43	ng	# 80
51) Acenaphthene	14.80	154	141699	37.39	ng	98
52) 3-Nitroaniline	14.64	138	23563	23.14	ng	# 87
53) 2,4-Dinitrophenol	14.84	184	36525	71.17	ng	86
54) Dibenzofuran	15.14	168	237314	42.09	ng	93
55) 4-Nitrophenol	14.94	139	70401	79.37	ng	# 69
56) 2,4-Dinitrotoluene	15.10	165	61419	44.91	ng	# 95
57) Fluorene	15.78	166	191153	37.88	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	62833	44.11	ng	98
59) Diethylphthalate	15.55	149	199385	35.33	ng	98
60) 4-Chlorophenyl-phenylether	15.77	204	107088	36.96	ng	98
61) 4-Nitroaniline	15.80	138	43520	37.99	ng	# 78
62) Azobenzene	16.07	77	185759	39.56	ng	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	31429	40.23	ng	95
65) n-Nitrosodiphenylamine	15.99	169	173629	41.94	ng	96
66) 4-Bromophenyl-phenylether	16.67	248	70558	39.69	ng	96
67) Hexachlorobenzene	16.79	284	75472	40.75	ng	94
68) Atrazine	16.93	200	71947	40.00	ng	96
69) Pentachlorophenol	17.13	266	95450	88.30	ng	96
70) Phenanthrene	17.52	178	330899	40.88	ng	97
71) Anthracene	17.62	178	334197	40.53	ng	95
72) Carbazole	17.88	167	297058	40.90	ng	98
73) Di-n-butylphthalate	18.43	149	350181	39.33	ng	98
74) Fluoranthene	19.53	202	416250	40.20	ng	93
76) Benzidine	19.70	184	115490	19.67	ng	98
77) Pyrene	19.89	202	430677	40.96	ng	95
79) Butylbenzylphthalate	20.77	149	165534	40.17	ng	95
80) Benzo(a)anthracene	21.74	228	437132	39.96	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	82556	19.82	ng	# 98
82) Chrysene	21.80	228	392692	37.81	ng	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	236918	39.17	ng	96
84) Di-n-octyl phthalate	22.86	149	408222	41.52	ng	# 96
85) Indeno(1,2,3-cd)pyrene	28.79	276	470547	41.12	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	436420	41.36	ng	# 94
88) Benzo(k)fluoranthene	24.06	252	404118	38.67	ng	# 96
89) Benzo(a)pyrene	24.88	252	409915	40.92	ng	# 95
90) Dibenzo(a,h)anthracene	28.85	278	396375	40.05	ng	# 93
91) Benzo(g,h,i)perylene	29.95	276	387256	39.85	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020065.D

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ClientSampleId :

PB87142BS

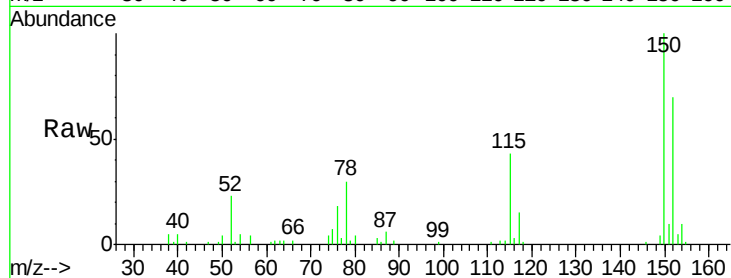
Tgt Ion:152 Resp: 18738

Ion Ratio Lower Upper

152 100

150 142.7 115.0 172.4

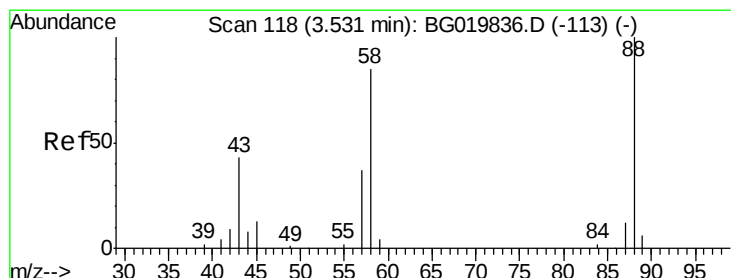
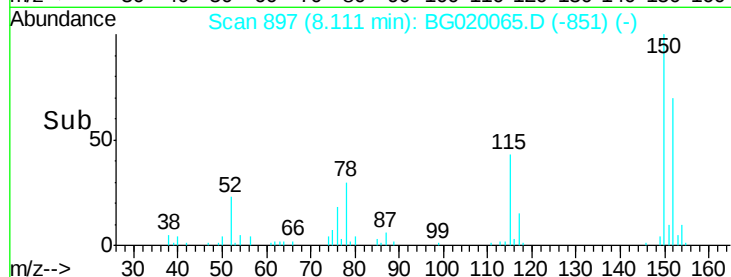
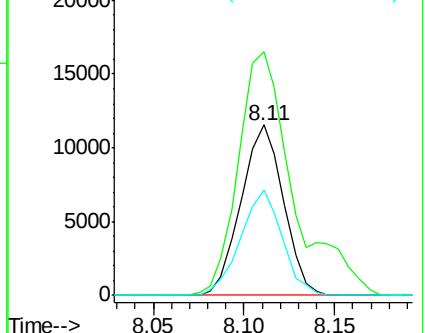
115 61.9 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.64 ng

RT: 3.52 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

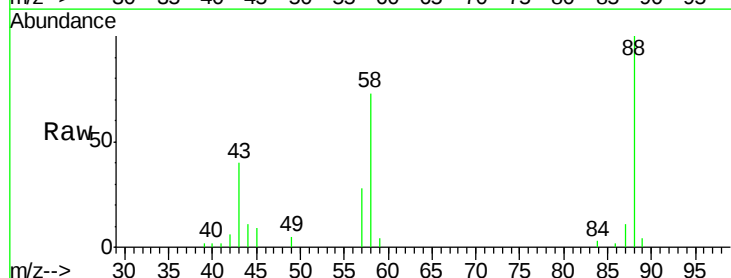
Tgt Ion: 88 Resp: 13183

Ion Ratio Lower Upper

88 100

58 82.7 0.0 0.0#

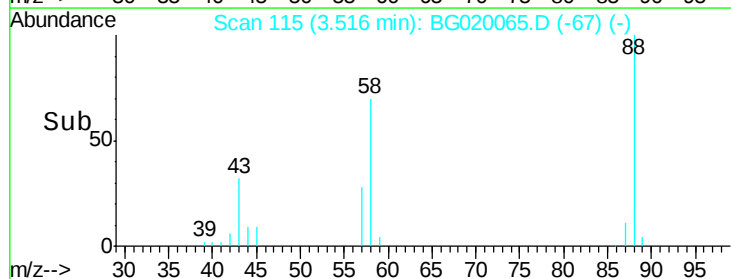
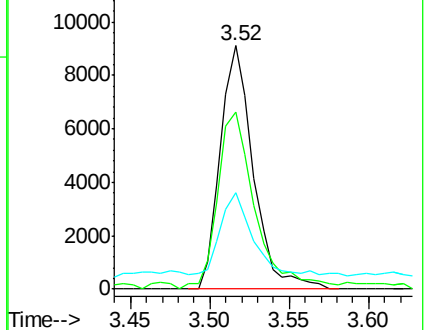
43 30.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.45 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

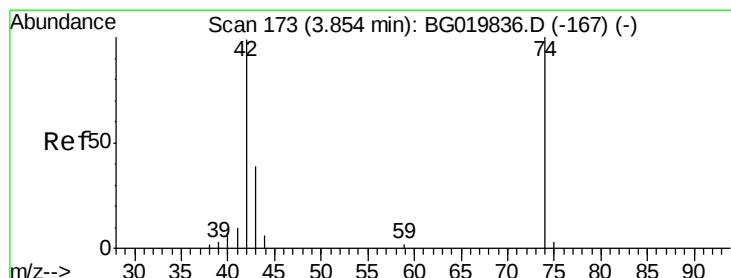
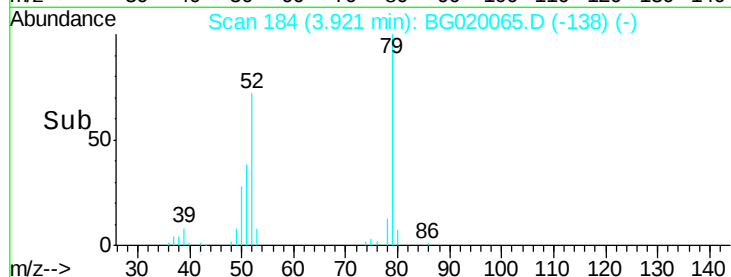
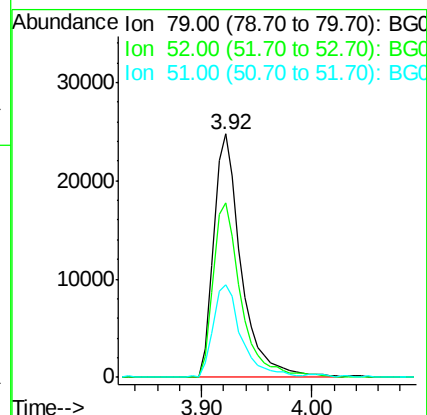
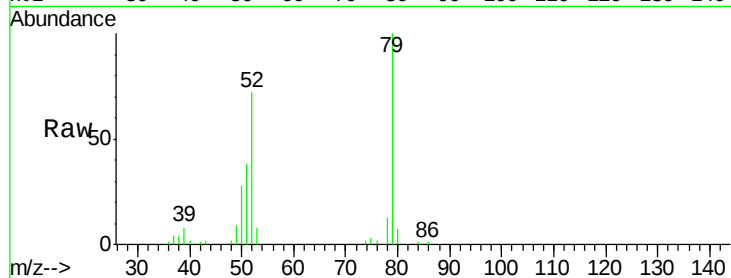
Tgt Ion: 79 Resp: 42257

Ion Ratio Lower Upper

79 100

52 71.7 50.3 75.5

51 38.3 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 34.01 ng

RT: 3.83 min Scan# 169

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

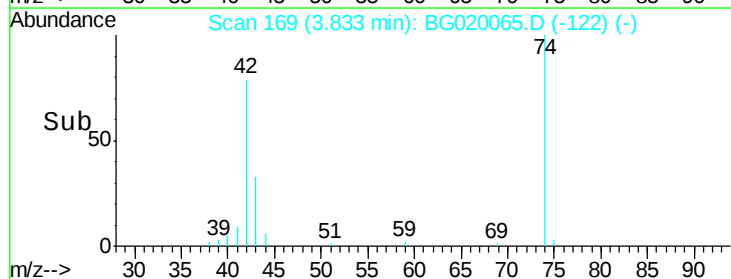
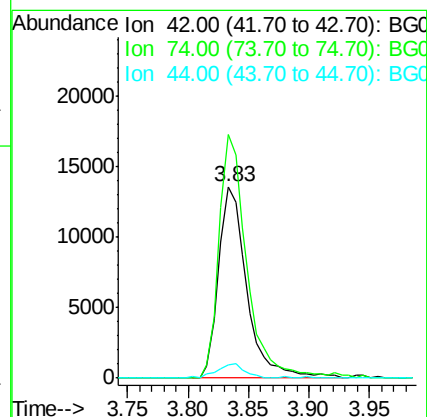
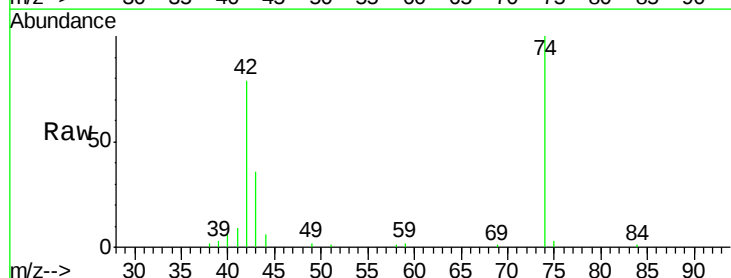
Tgt Ion: 42 Resp: 21942

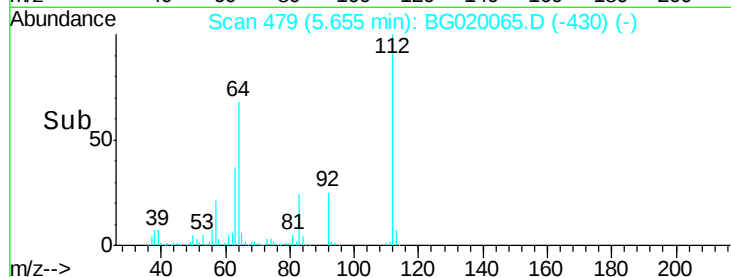
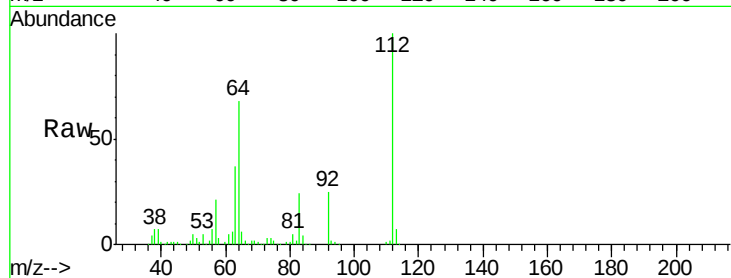
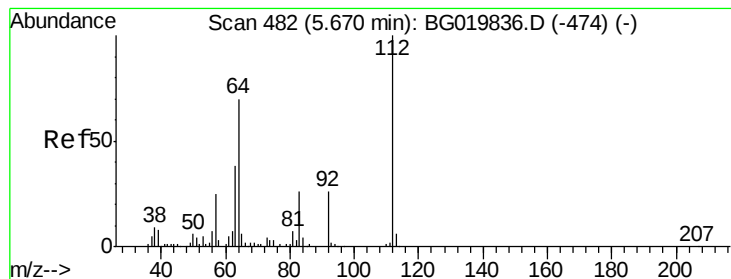
Ion Ratio Lower Upper

42 100

74 127.3 113.9 170.9

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 133.76 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

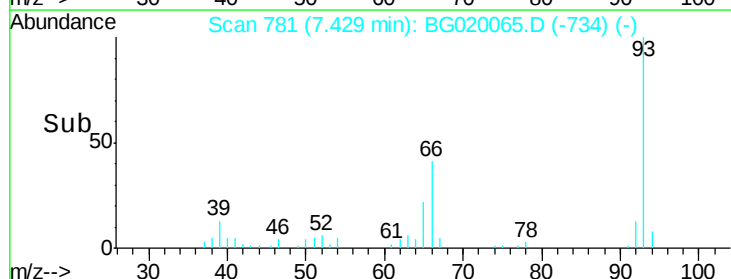
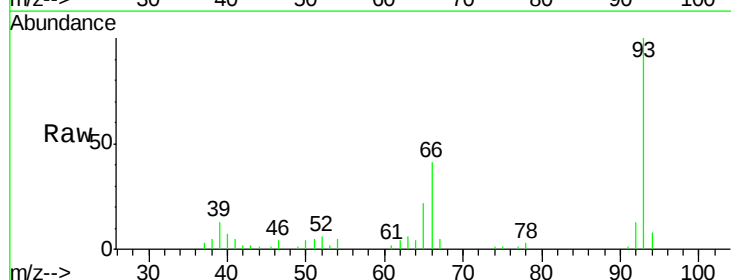
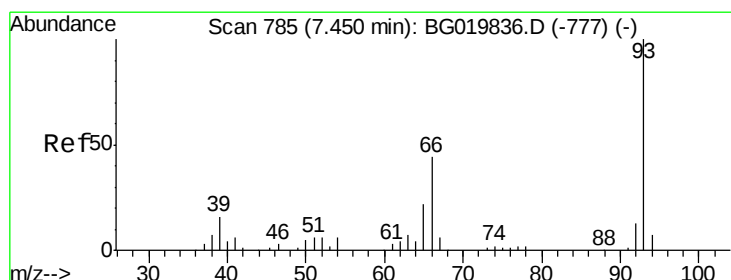
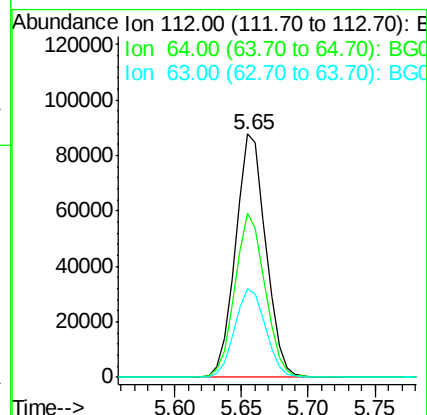
Tgt Ion: 112 Resp: 138679

Ion Ratio Lower Upper

112 100

64 67.5 43.7 65.5#

63 36.6 24.0 36.0#



#6

Aniline

Concen: 14.87 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

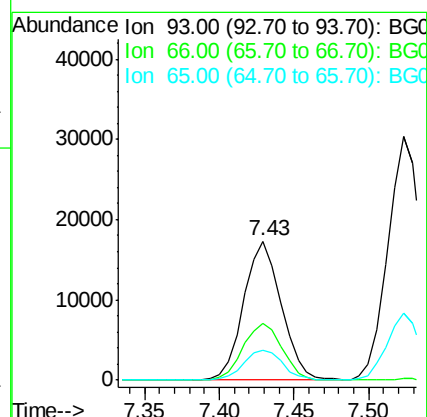
Tgt Ion: 93 Resp: 30144

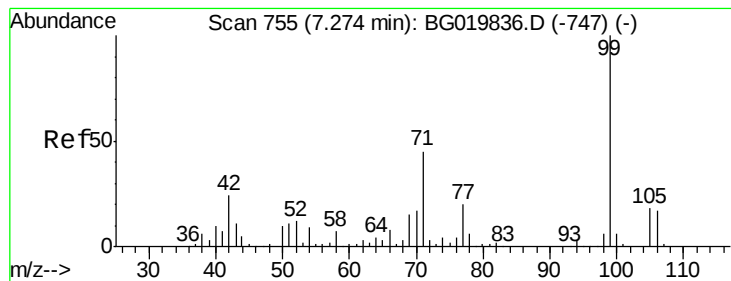
Ion Ratio Lower Upper

93 100

66 41.1 26.2 39.2#

65 21.7 14.0 21.0#





#7

Phenol-d6

Concen: 130.78 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

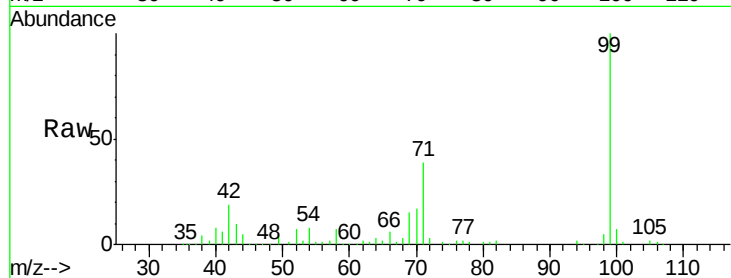
Tgt Ion: 99 Resp: 204717

Ion Ratio Lower Upper

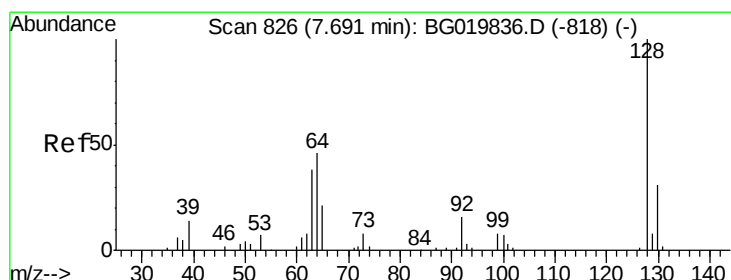
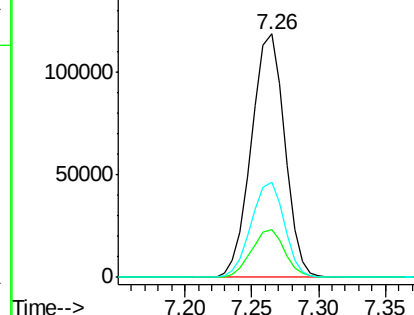
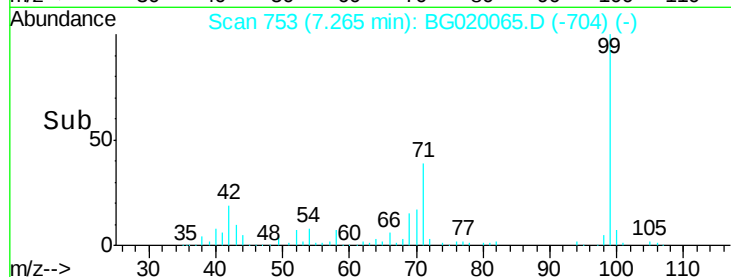
99 100

42 19.4 11.5 17.3#

71 39.2 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.00 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

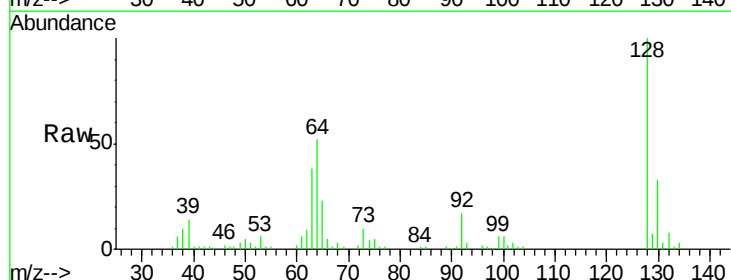
Tgt Ion: 128 Resp: 54357

Ion Ratio Lower Upper

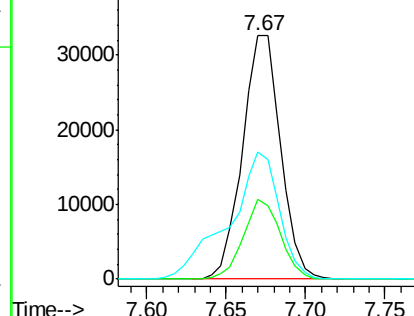
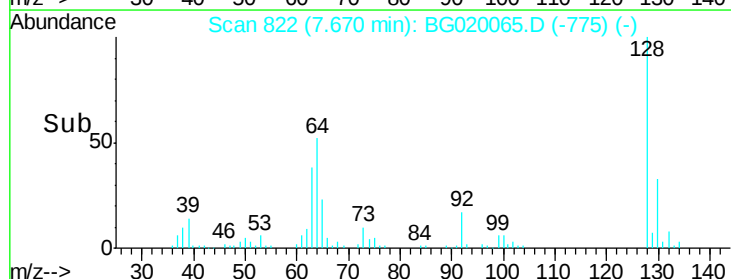
128 100

130 32.9 13.0 53.0

64 52.1 28.2 68.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

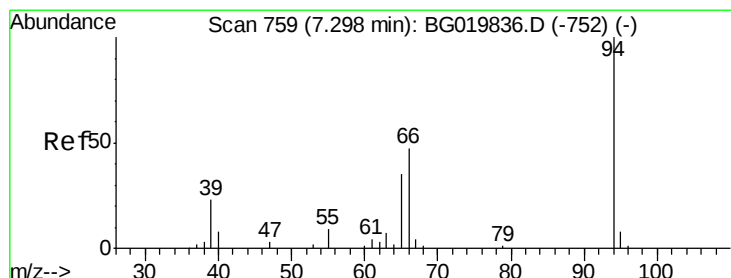
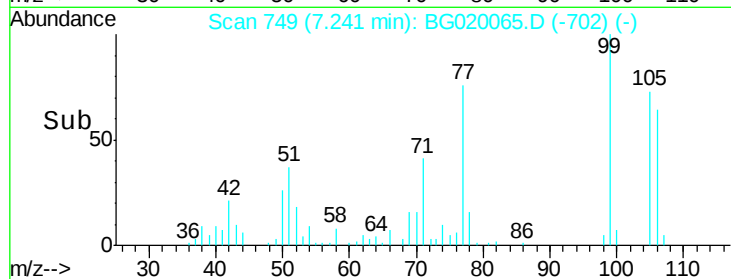
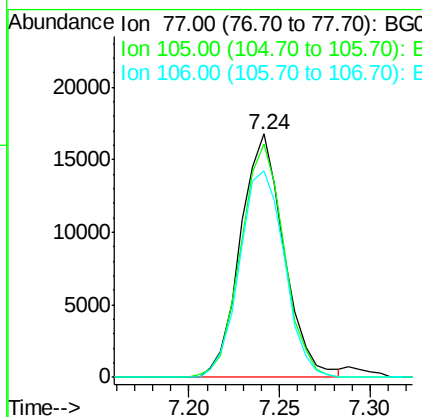
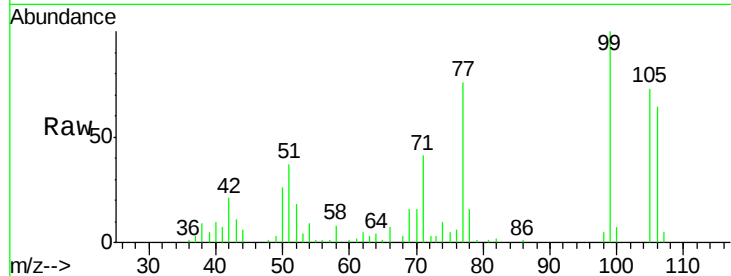




#9
Benzaldehyde
Concen: 27.02 ng
RT: 7.24 min Scan# 749
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

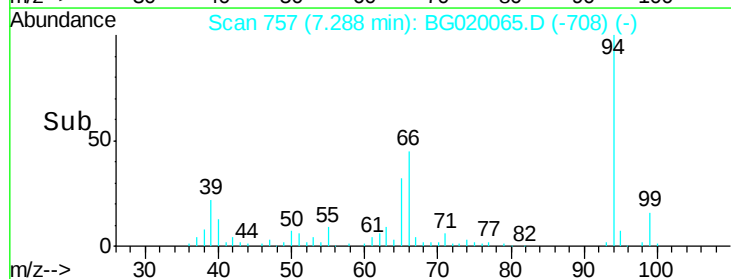
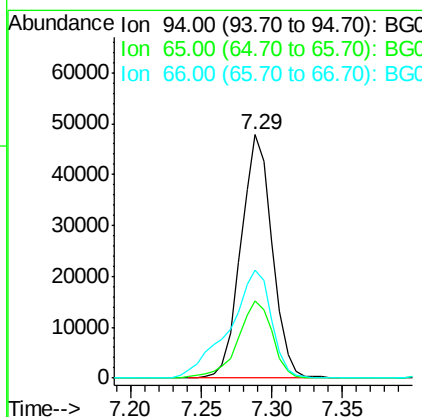
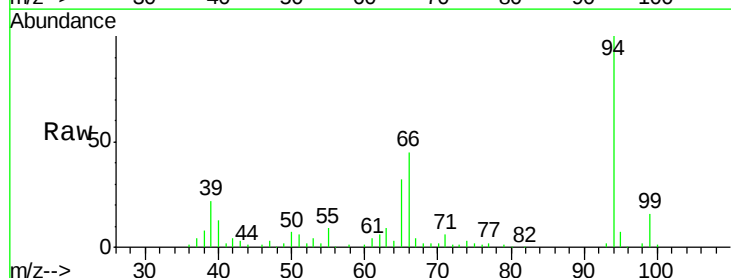
Instrument :
BNA_M
ClientSampleId :
PB87142BS

Tgt Ion: 77 Resp: 28205
Ion Ratio Lower Upper
77 100
105 96.0 77.7 117.7
106 84.6 75.8 115.8



#10
Phenol
Concen: 44.86 ng
RT: 7.29 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion: 94 Resp: 73908
Ion Ratio Lower Upper
94 100
65 31.9 5.4 45.4
66 44.6 11.8 51.8

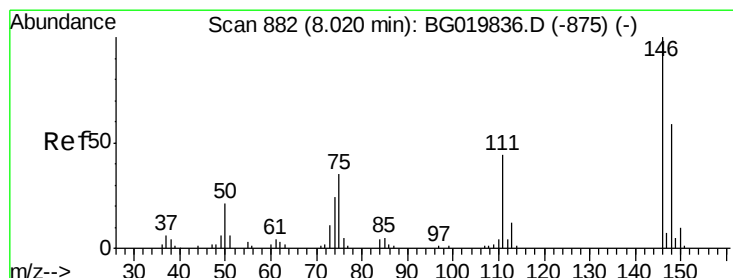
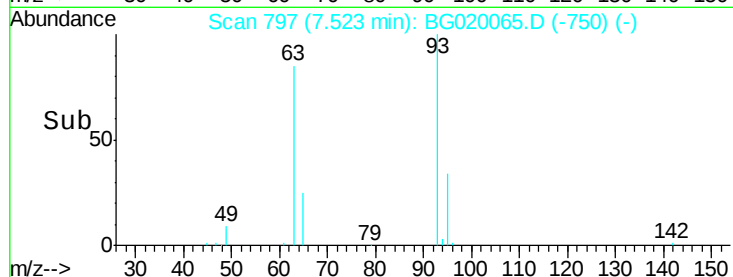
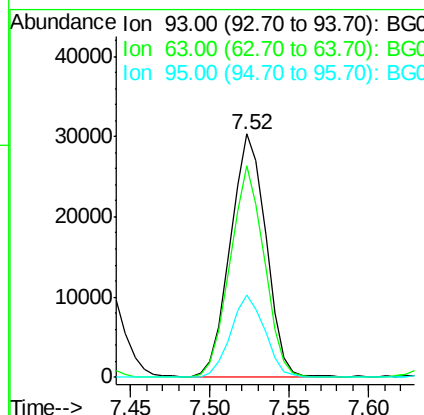
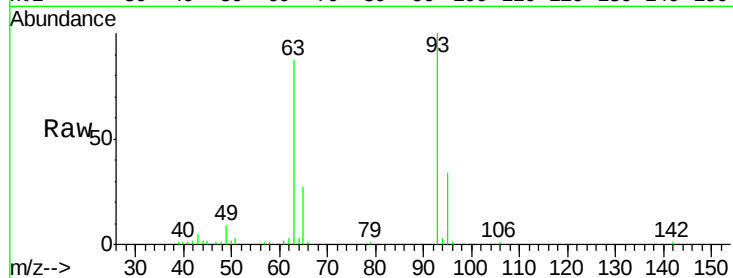




#11
bis(2-Chloroethyl)ether
Concen: 38.84 ng
RT: 7.52 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

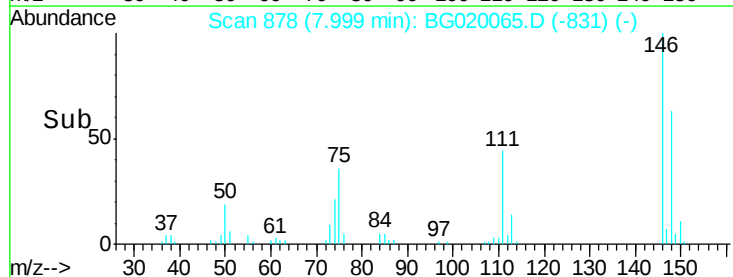
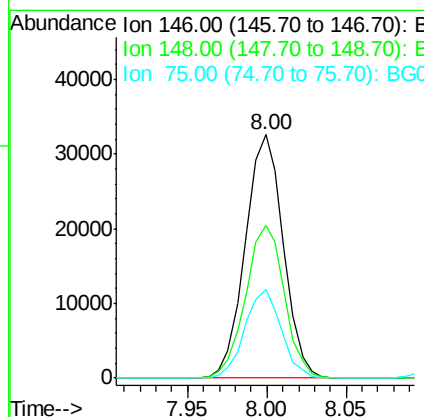
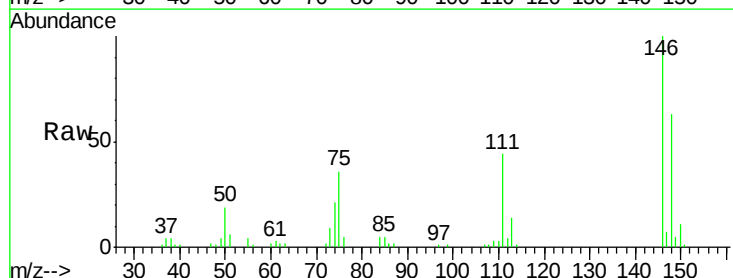
Instrument :
BNA_M
ClientSampleId :
PB87142BS

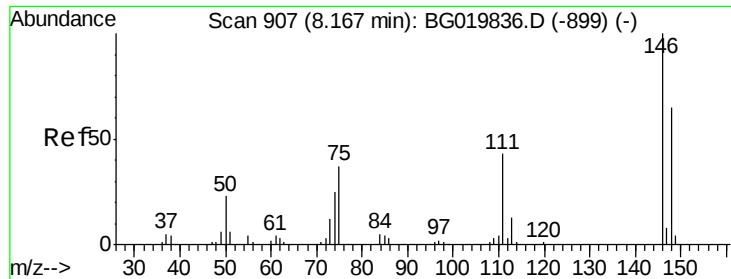
Tgt Ion: 93 Resp: 47388
Ion Ratio Lower Upper
93 100
63 87.1 50.5 90.5
95 33.8 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.77 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion: 146 Resp: 54123
Ion Ratio Lower Upper
146 100
148 63.0 53.4 80.0
75 36.3 21.1 31.7#

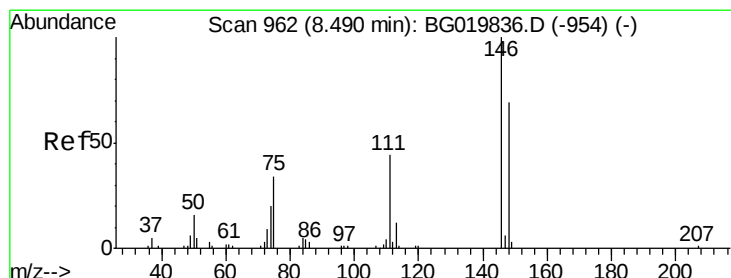
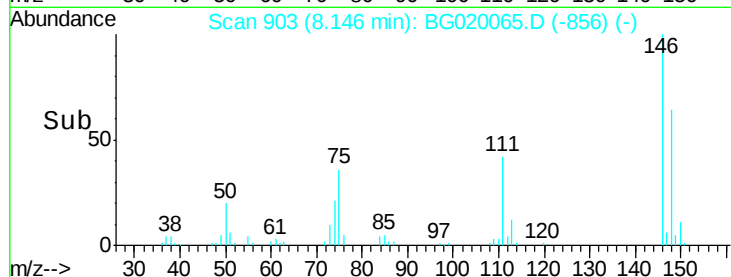
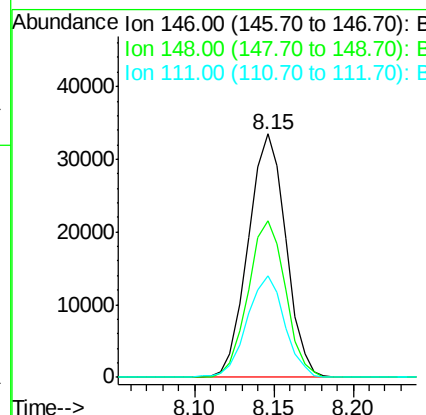
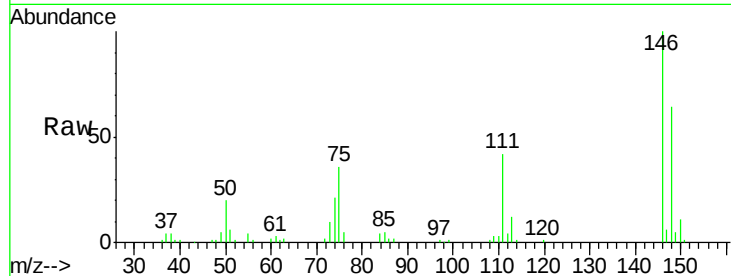




#13
 1,4-Dichlorobenzene
 Concen: 37.34 ng
 RT: 8.15 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

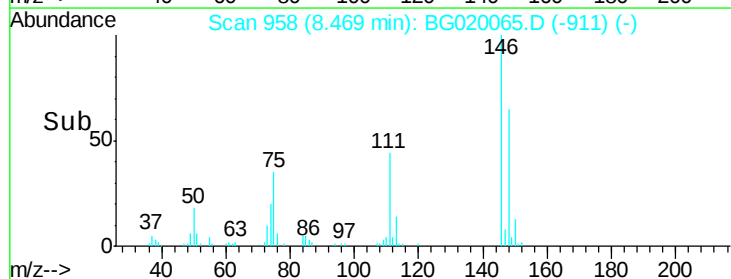
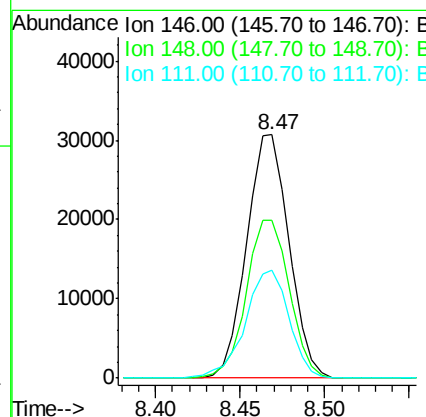
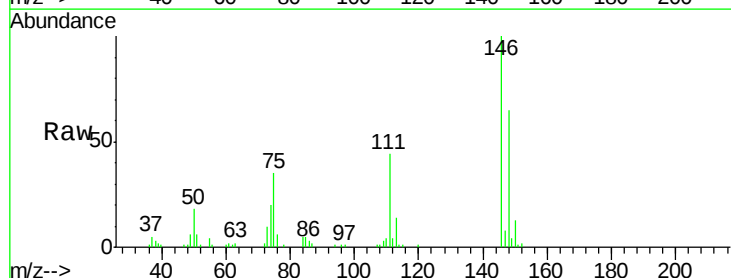
Instrument :
 BNA_M
 ClientSampled :
 PB87142BS

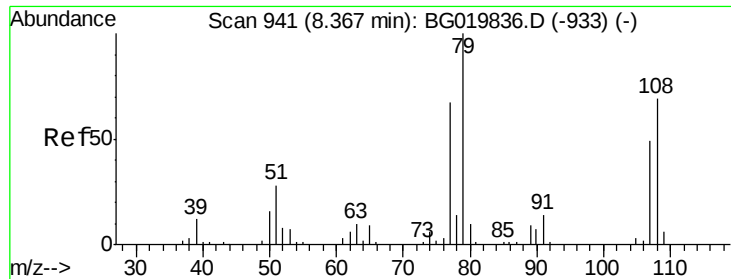
Tgt Ion:146 Resp: 55266
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.5 78.7
 111 41.7 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 37.91 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion:146 Resp: 53509
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.5 78.7
 111 44.4 29.9 44.9

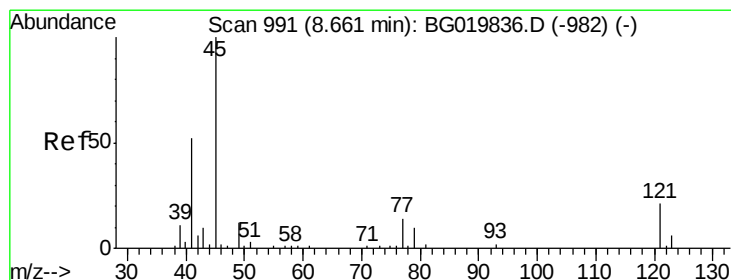
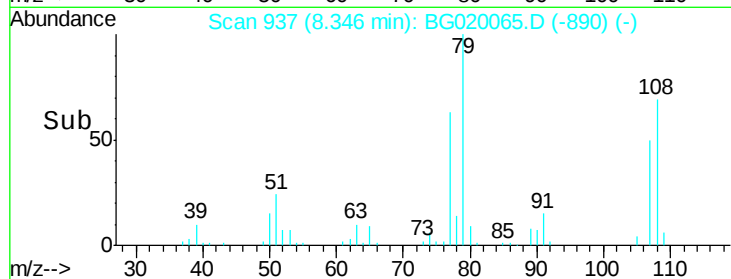
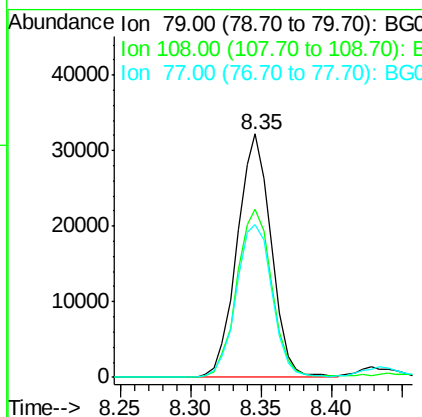
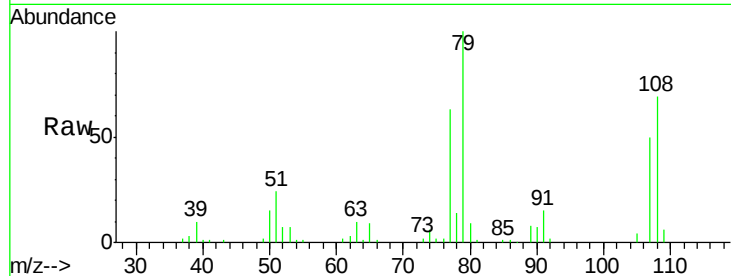




#15
Benzyl Alcohol
Concen: 39.51 ng
RT: 8.35 min Scan# 937
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

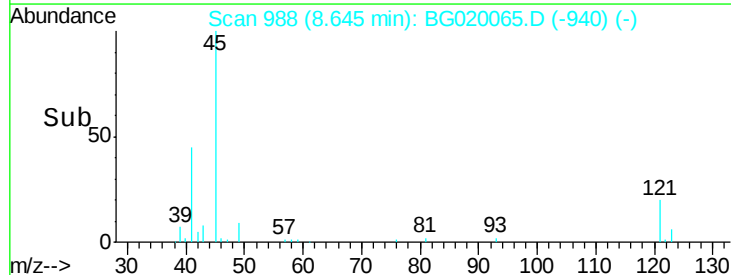
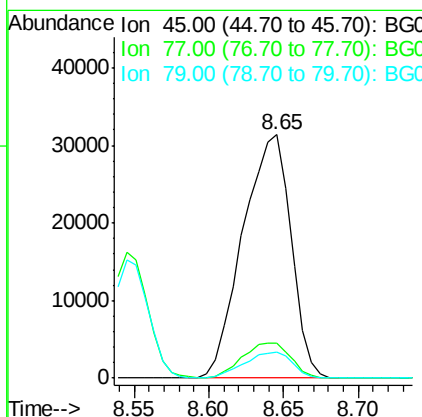
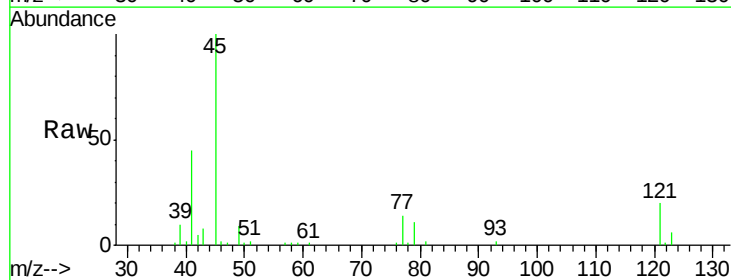
Instrument :
BNA_M
ClientSampleId :
PB87142BS

Tgt Ion: 79 Resp: 54274
Ion Ratio Lower Upper
79 100
108 69.3 65.5 98.3
77 62.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.22 ng
RT: 8.65 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion: 45 Resp: 70085
Ion Ratio Lower Upper
45 100
77 14.3 0.0 37.0
79 10.8 0.0 33.8

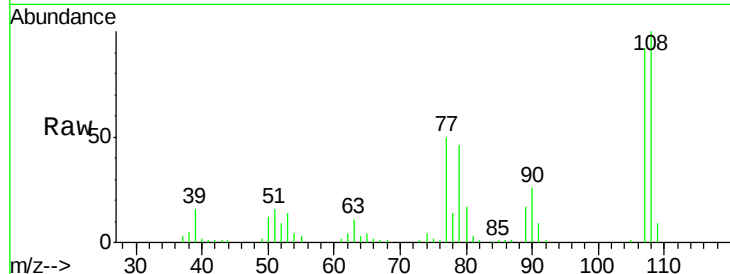




#17
2-Methylphenol
Concen: 43.87 ng
RT: 8.55 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Instrument :
BNA_M
ClientSampleId :
PB87142BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.6	86.5	129.7
77	54.0	34.6	51.8#
79	50.3	32.3	48.5#



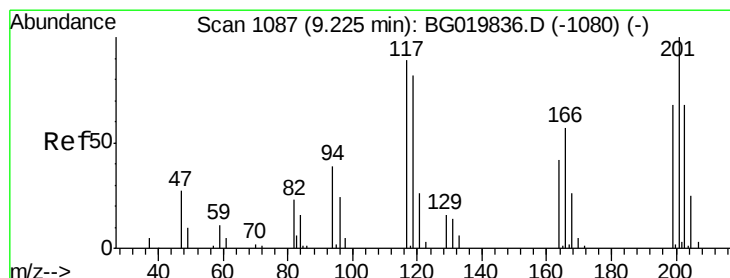
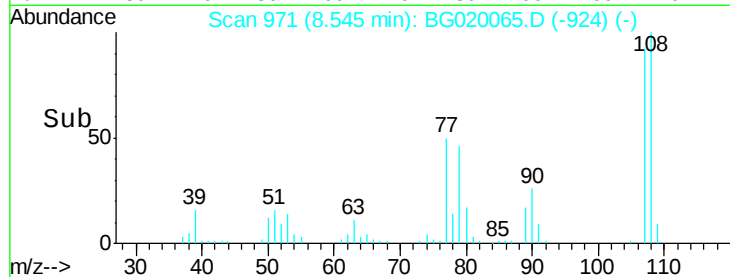
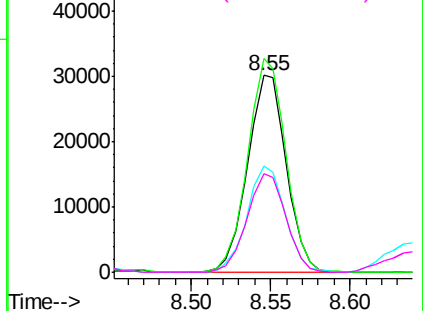
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

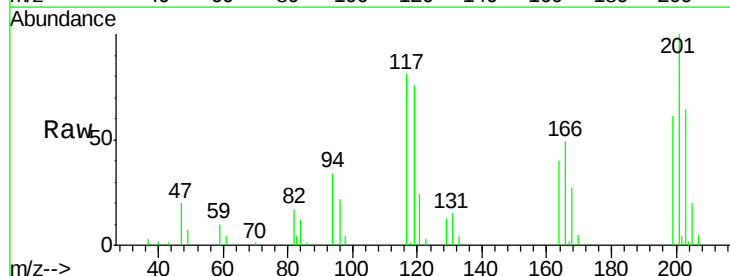
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.46 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	71.7	107.5
201	127.5	90.9	136.3

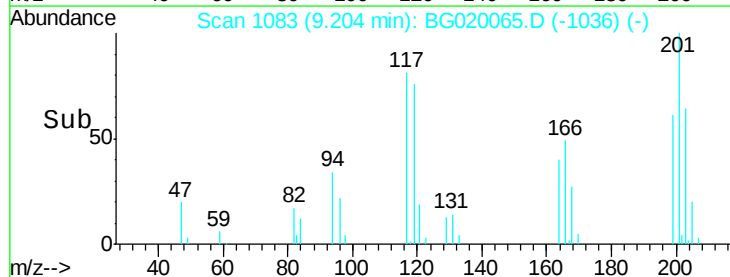
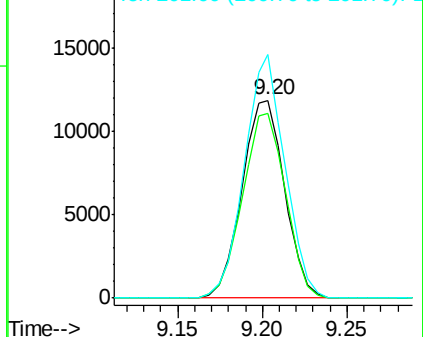


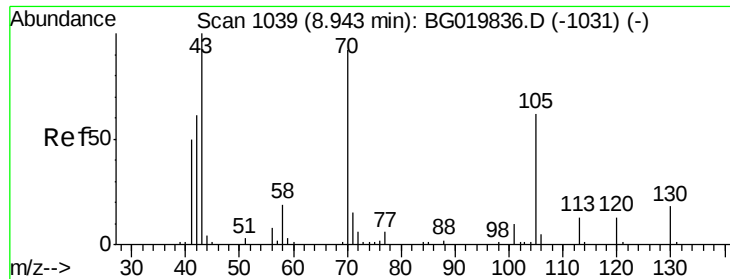
Abundance

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

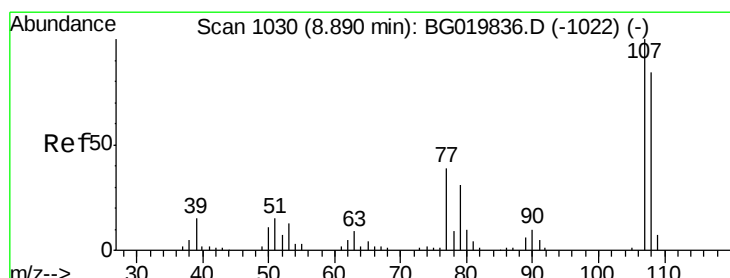
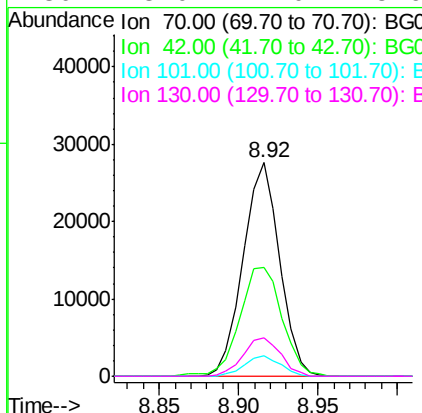
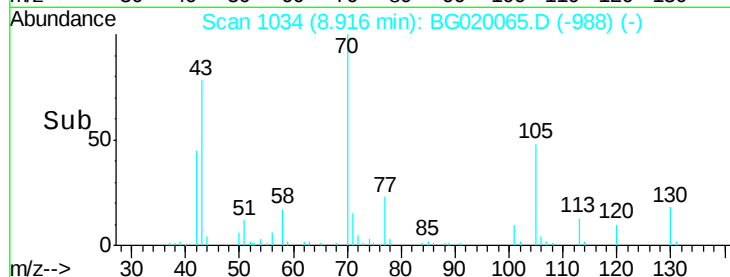
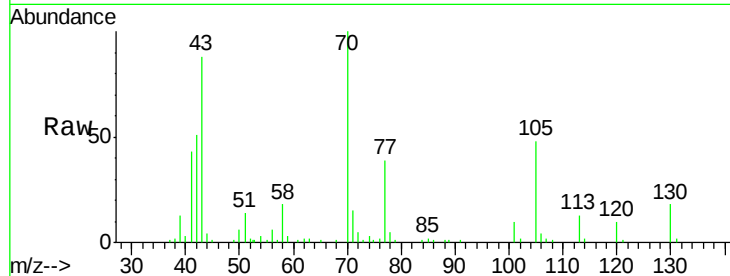




#19
n-Nitroso-di-n-propylamine
Concen: 35.80 ng
RT: 8.92 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

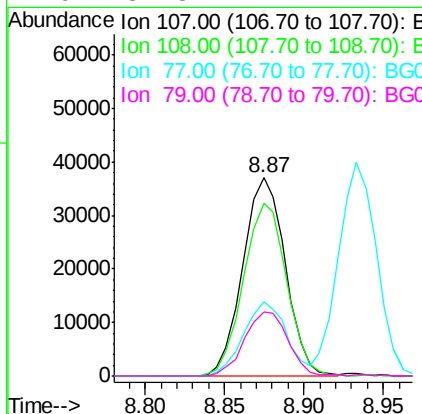
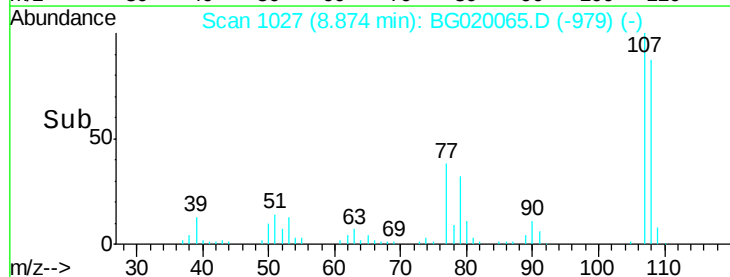
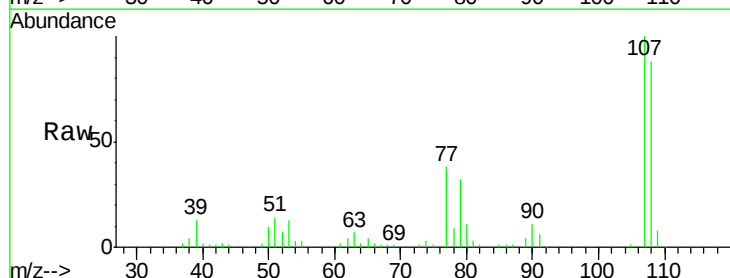
Instrument :
BNA_M
ClientSampleId :
PB87142BS

Tgt Ion:	70	Resp:	44198
Ion	Ratio	Lower	Upper
70	100		
42	50.9	40.6	60.8
101	9.8	8.6	13.0
130	18.0	17.0	25.6



#20
3+4-Methylphenols
Concen: 42.28 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion:	107	Resp:	69248
Ion	Ratio	Lower	Upper
107	100		
108	87.7	72.2	112.2
77	37.6	13.4	53.4
79	32.3	7.2	47.2

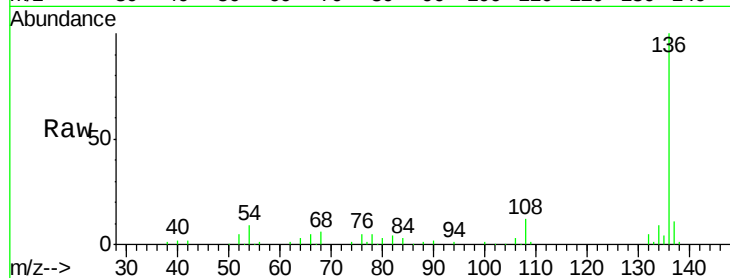




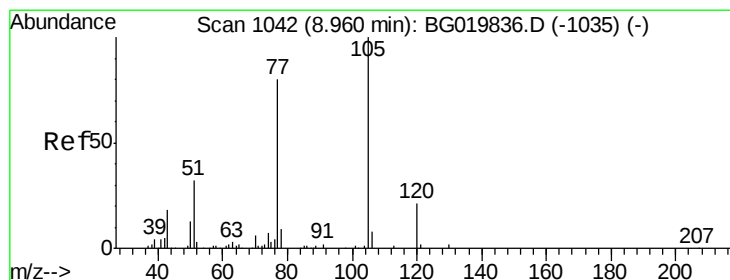
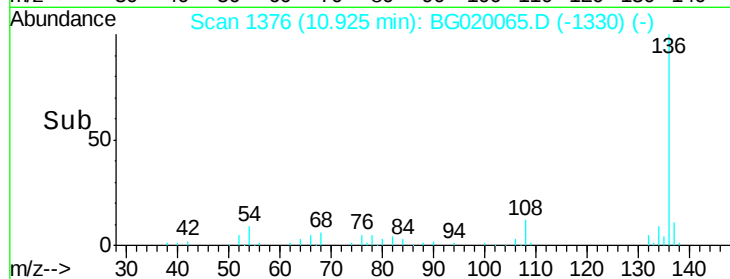
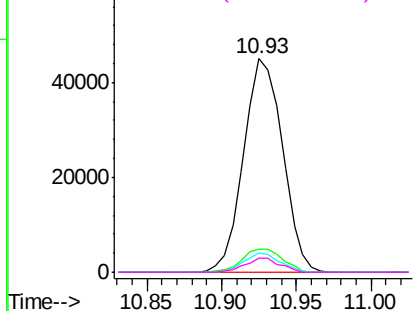
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Instrument :
BNA_M
ClientSampleId :
PB87142BS

Tgt Ion:	136	Resp:	81263
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.0	5.4	8.2#
68	6.3	5.3	7.9

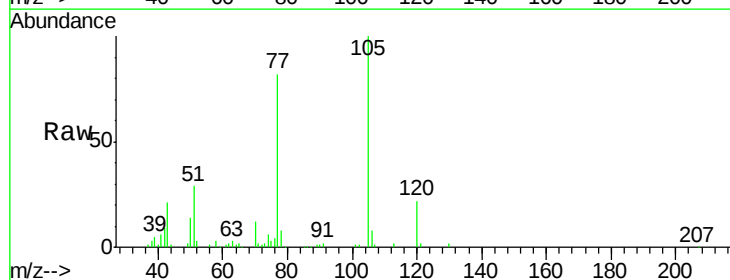


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

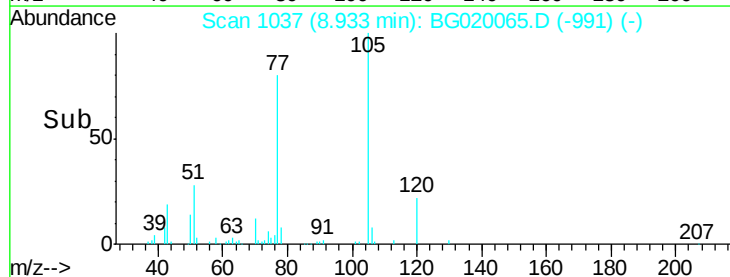
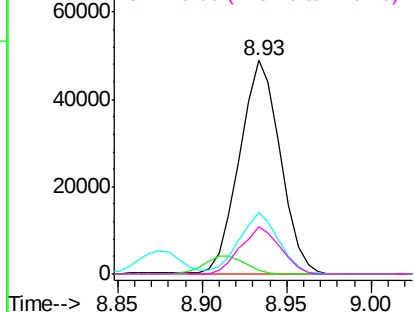


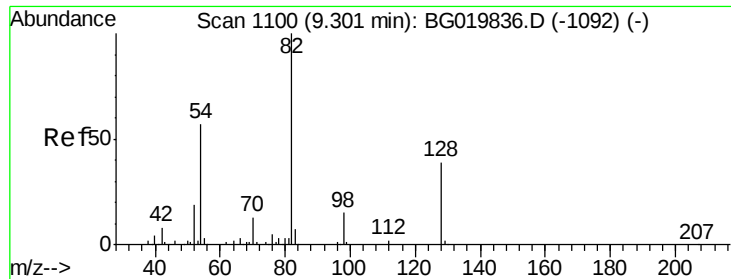
#22
Acetophenone
Concen: 36.84 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion:	105	Resp:	82054
Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.1	3.1#
51	28.8	17.8	26.8#
120	21.9	17.7	26.5



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

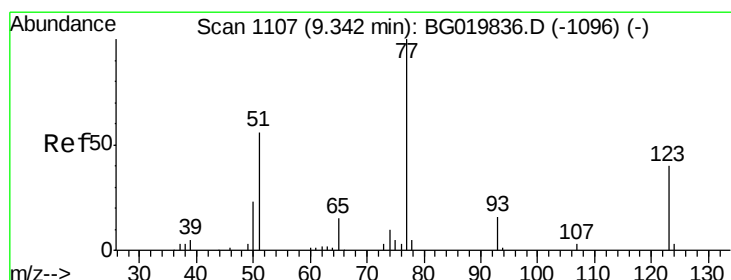
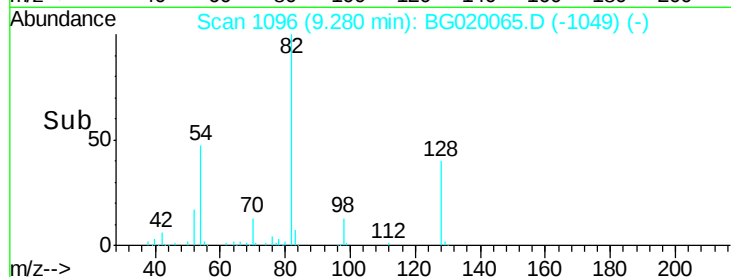
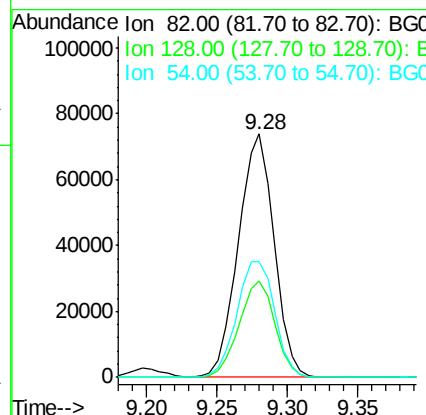
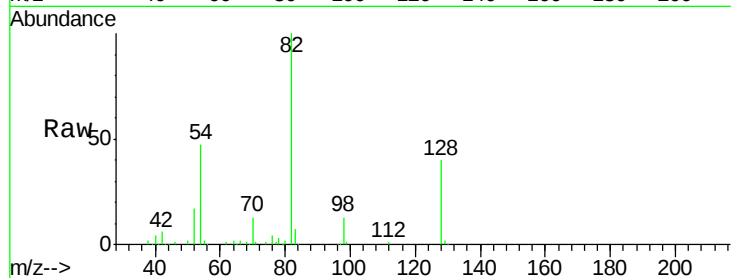




#23
 Nitrobenzene-d5
 Concen: 82.25 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

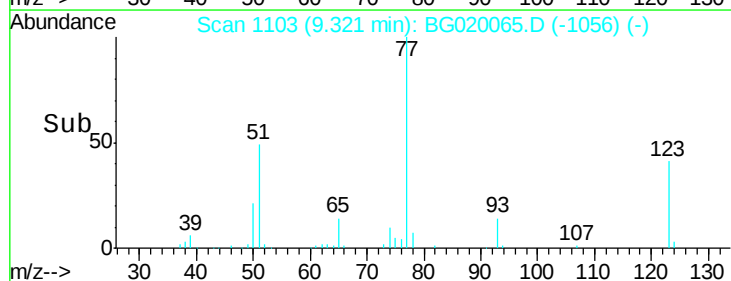
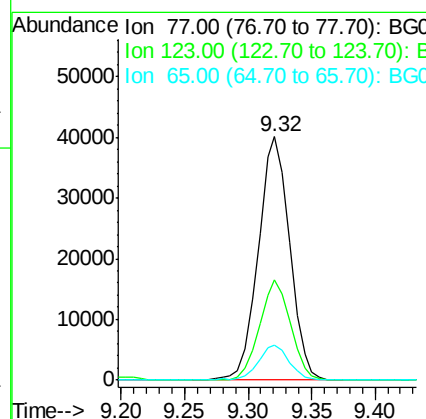
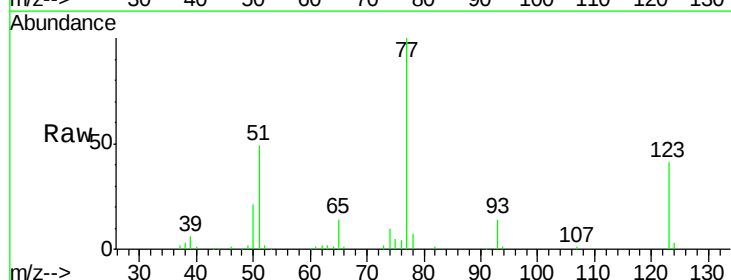
Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

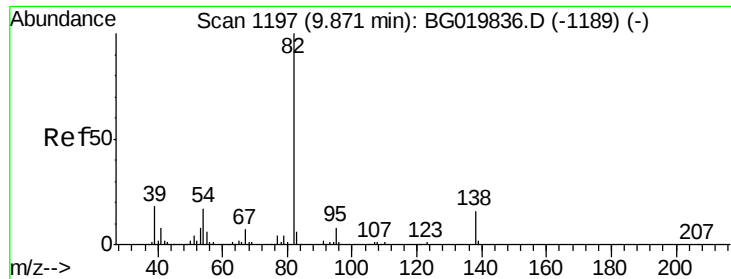
Tgt Ion: 82 Resp: 130970
 Ion Ratio Lower Upper
 82 100
 128 39.8 36.7 55.1
 54 47.3 33.8 50.8



#24
 Nitrobenzene
 Concen: 39.98 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion: 77 Resp: 69048
 Ion Ratio Lower Upper
 77 100
 123 41.0 38.2 57.2
 65 14.5 10.6 16.0





#25

Isophorone

Concen: 35.00 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

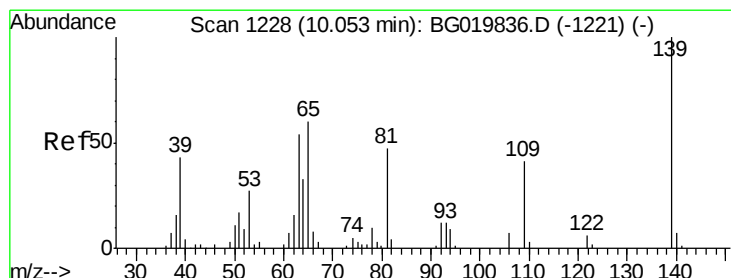
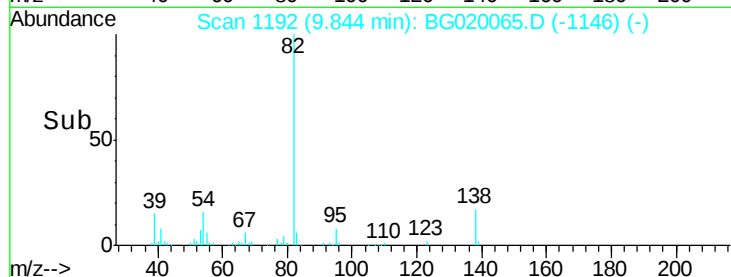
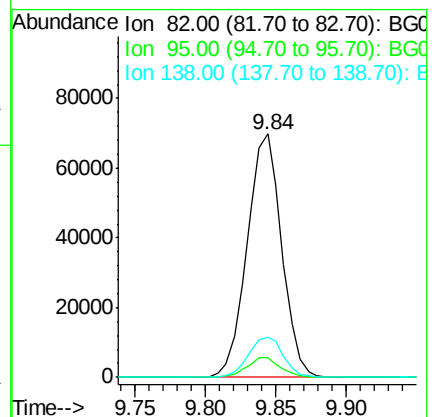
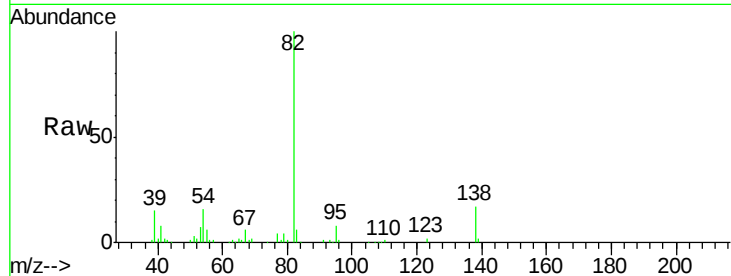
Tgt Ion: 82 Resp: 119486

Ion Ratio Lower Upper

82 100

95 7.9 5.2 7.8#

138 16.7 14.4 21.6



#26

2-Nitrophenol

Concen: 45.77 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

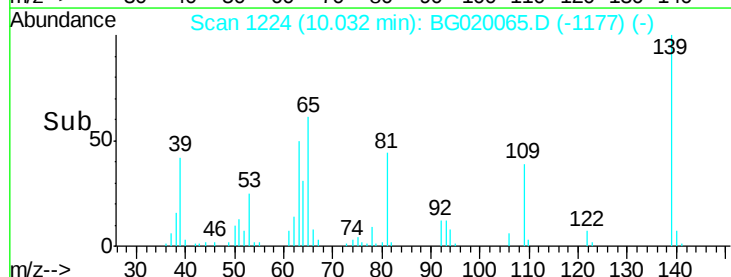
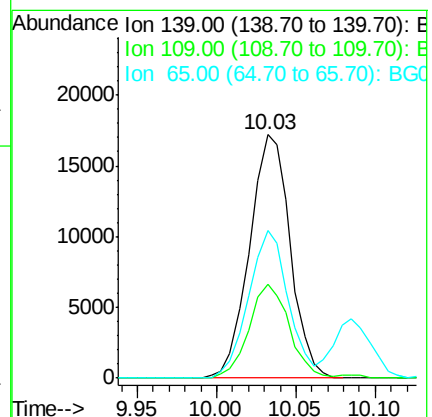
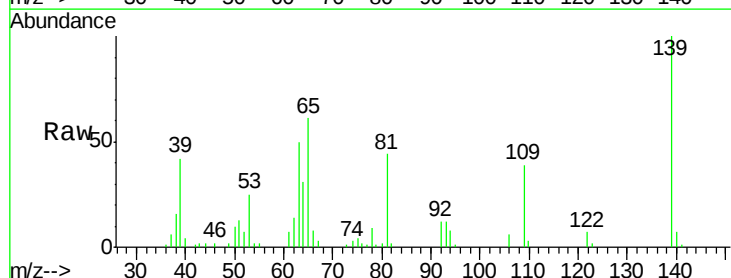
Tgt Ion: 139 Resp: 30534

Ion Ratio Lower Upper

139 100

109 38.7 20.1 30.1#

65 60.7 34.1 51.1#

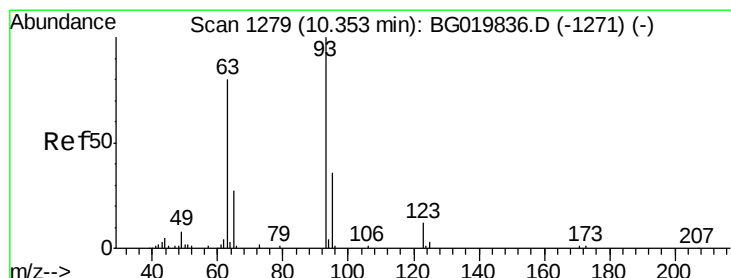
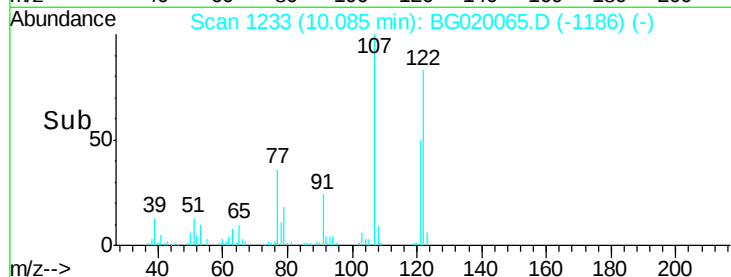
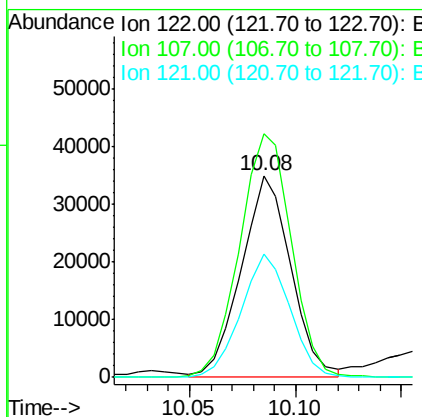
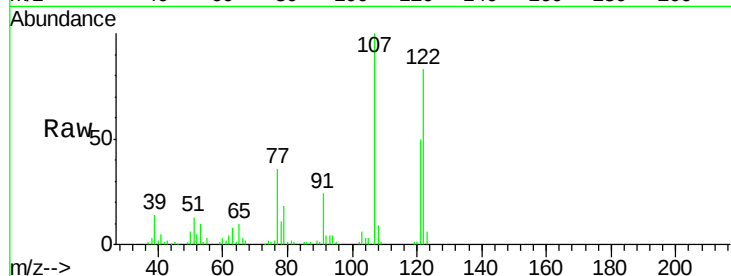




#27
 2,4-Dimethylphenol
 Concen: 40.94 ng
 RT: 10.08 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

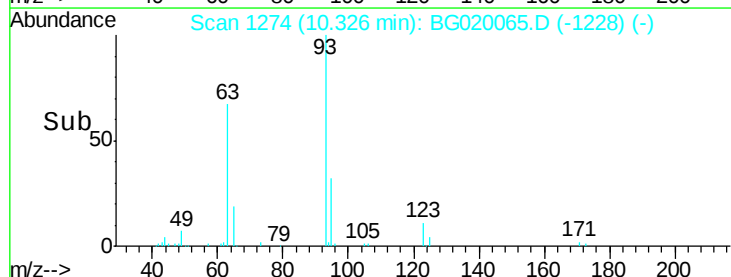
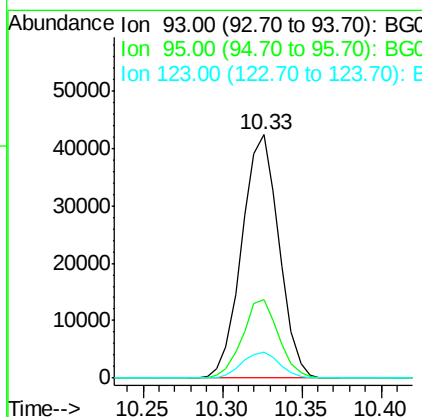
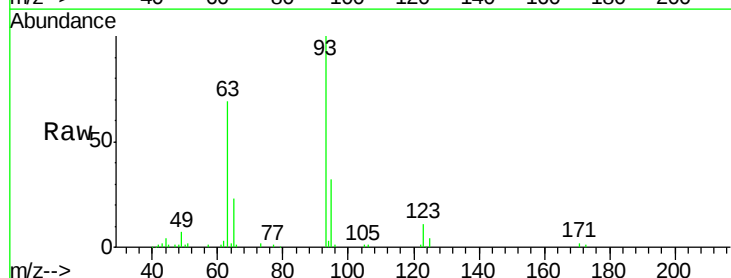
Instrument :
 BNA_M
 ClientSampled :
 PB87142BS

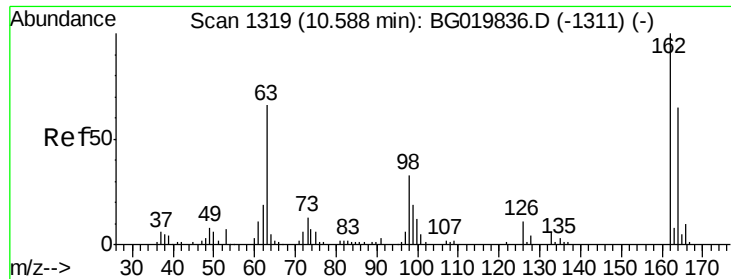
Tgt Ion:122 Resp: 56868
 Ion Ratio Lower Upper
 122 100
 107 120.6 91.6 137.4
 121 60.8 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.22 ng
 RT: 10.33 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion: 93 Resp: 68758
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.7 38.5
 123 10.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 44.75 ng

RT: 10.57 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

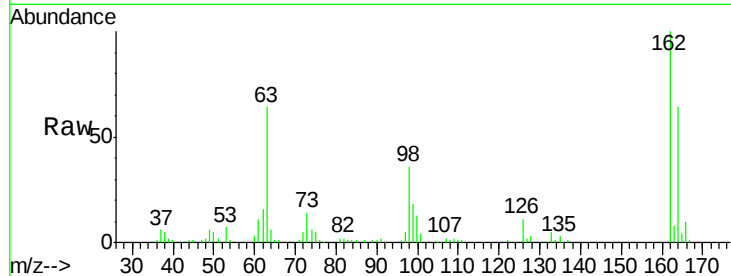
Instrument :

BNA_M

ClientSampleId :

PB87142BS

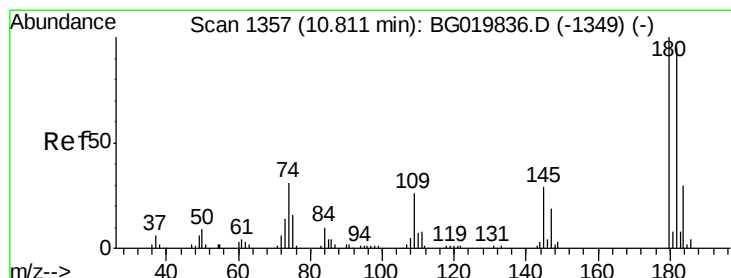
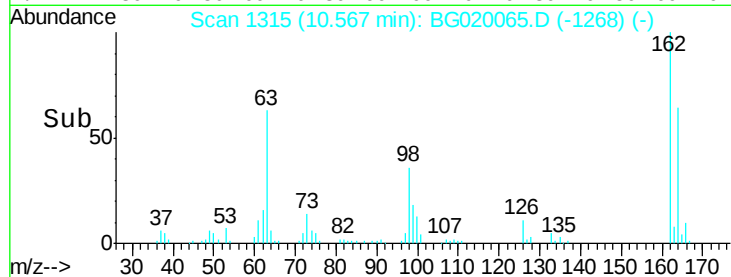
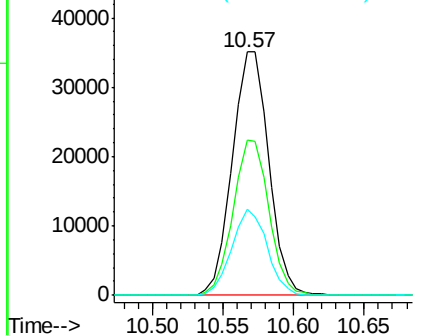
Tgt Ion:	162	Resp:	63507
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.3	82.3
98	35.6	11.5	51.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.36 ng

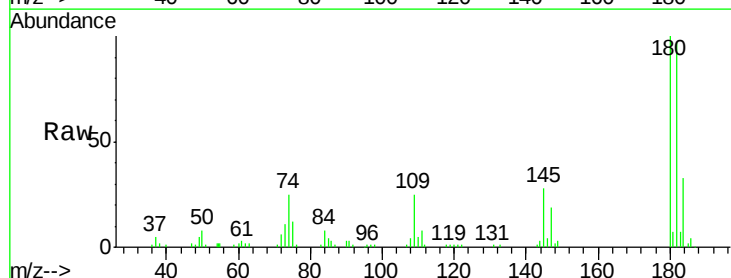
RT: 10.79 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

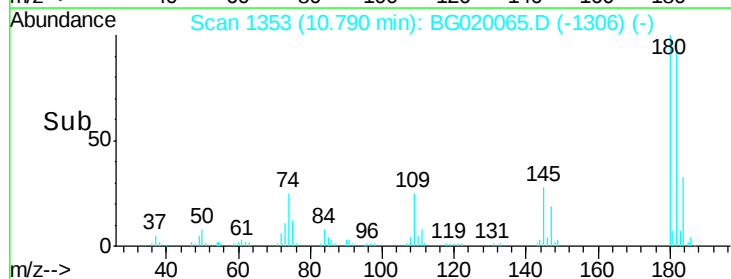
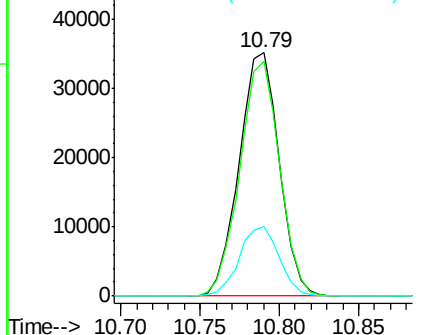
Tgt Ion:	180	Resp:	61521
Ion Ratio	Lower	Upper	
180	100		
182	96.5	79.7	119.5
145	28.5	22.0	33.0



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.15 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

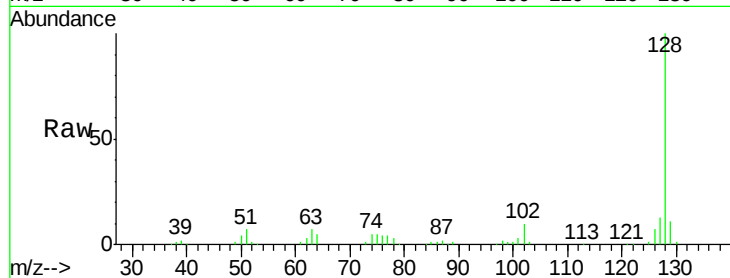
Tgt Ion:128 Resp: 170414

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

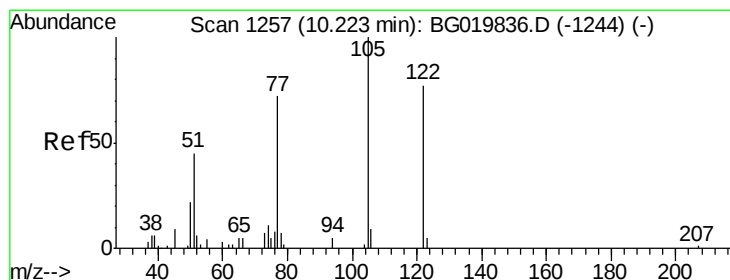
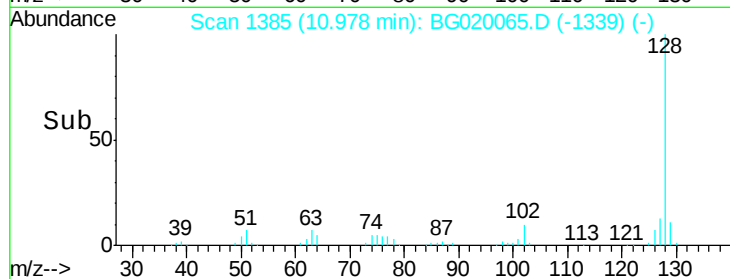
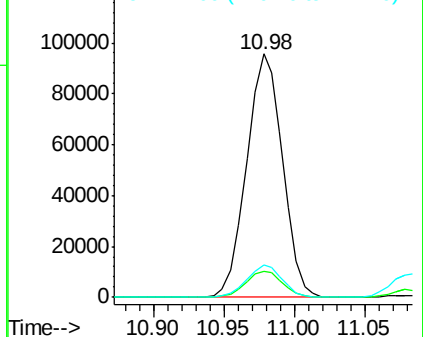
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.00 ng

RT: 10.21 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

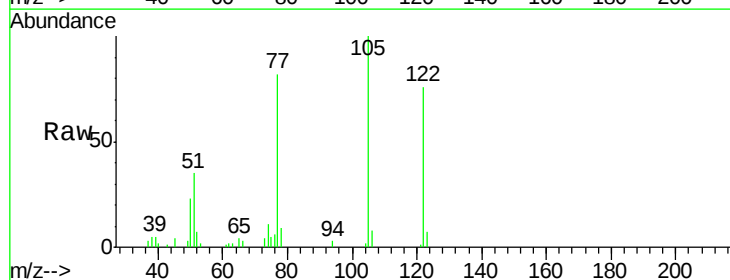
Tgt Ion:122 Resp: 42792

Ion Ratio Lower Upper

122 100

105 132.4 103.8 143.8

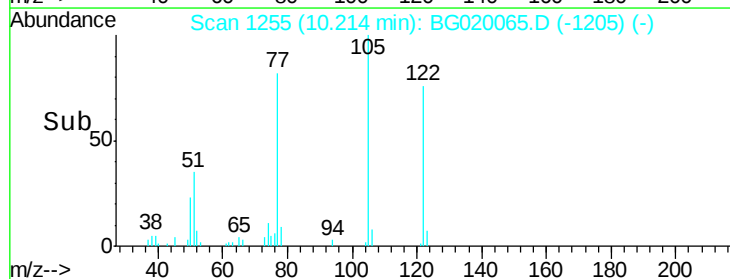
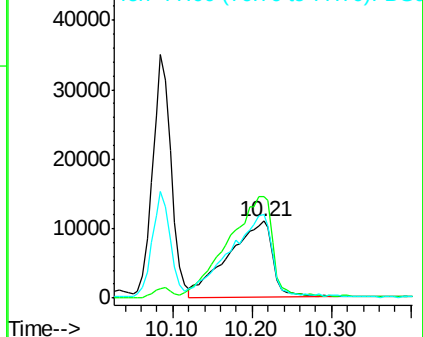
77 108.7 68.8 108.8

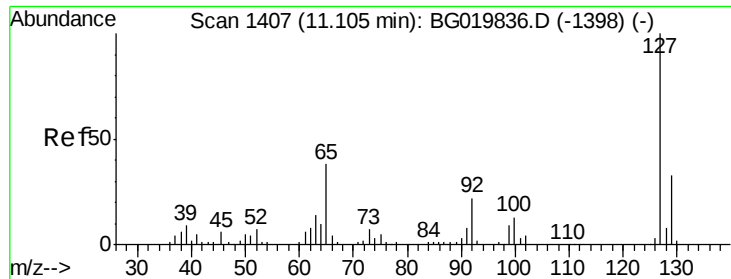


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

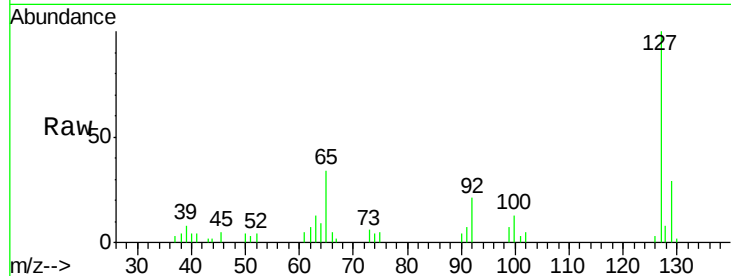




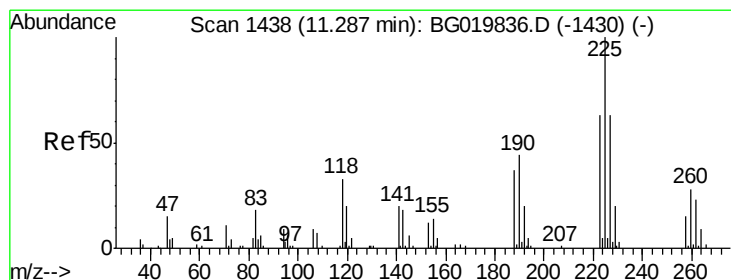
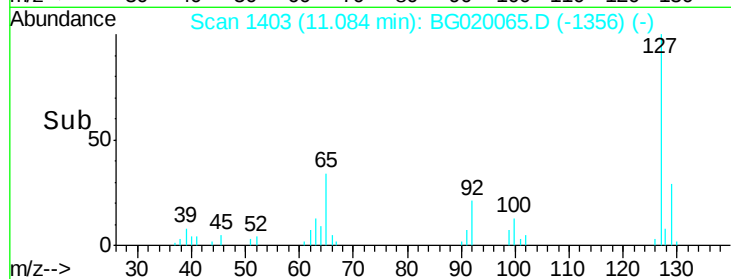
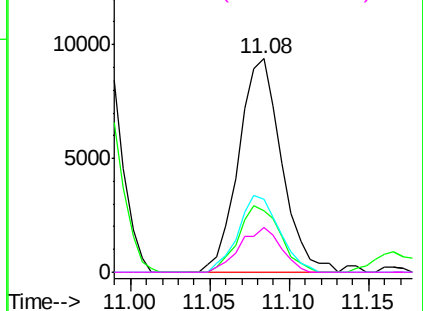
#33
4-Chloroaniline
Concen: 9.17 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Instrument :
BNA_M
ClientSampleId :
PB87142BS

Tgt Ion:	127	Resp:	17600
Ion	Ratio	Lower	Upper
127	100		
129	28.7	24.6	37.0
65	34.1	22.6	33.8#
92	20.8	15.1	22.7

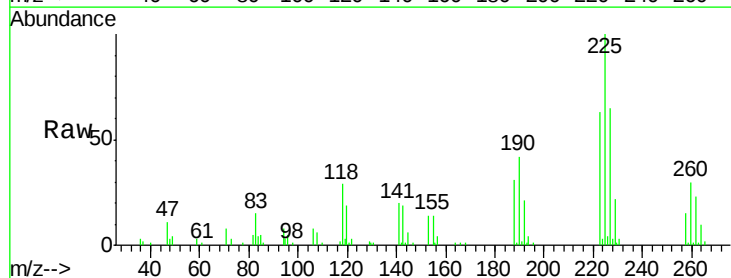


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

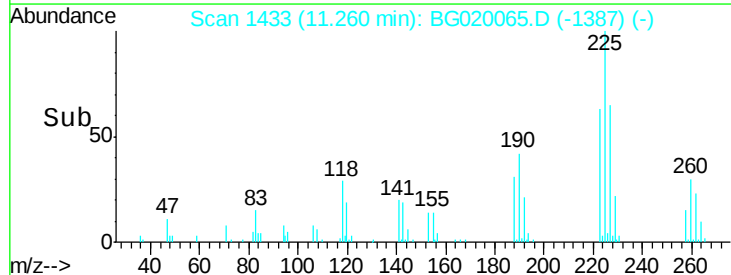
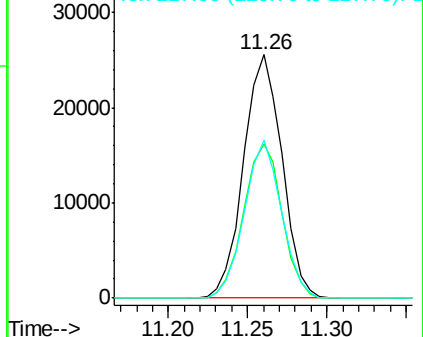


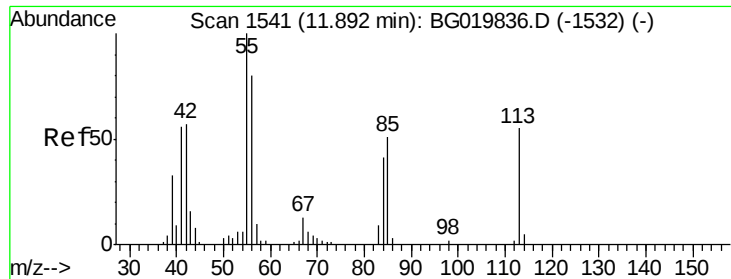
#34
Hexachlorobutadiene
Concen: 36.45 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion:	225	Resp:	43126
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.4
227	64.6	51.8	77.8



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





#35

Caprolactam

Concen: 29.24 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

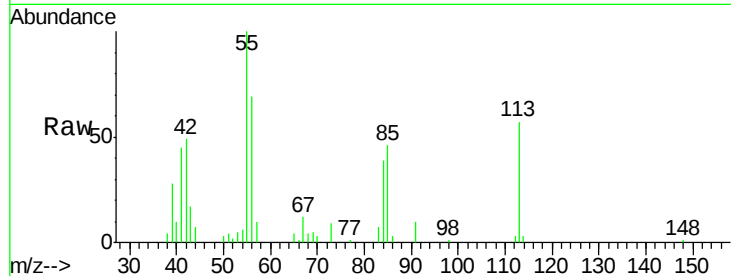
Tgt Ion:113 Resp: 15445

Ion Ratio Lower Upper

113 100

55 176.8 135.0 175.0#

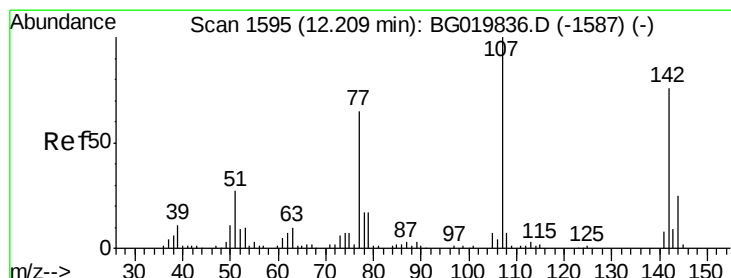
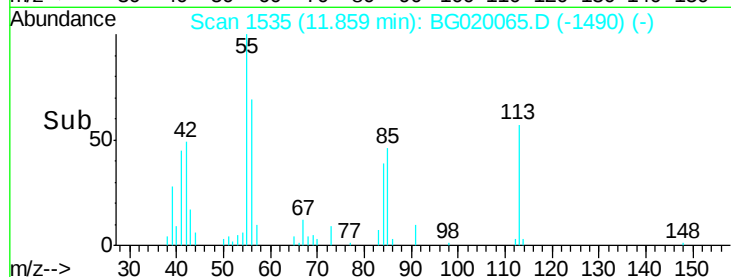
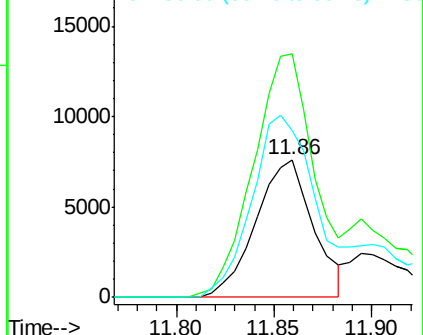
56 121.5 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.28 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

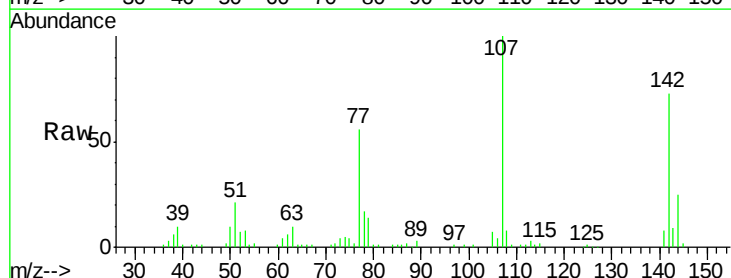
Tgt Ion:107 Resp: 71197

Ion Ratio Lower Upper

107 100

144 25.4 20.6 31.0

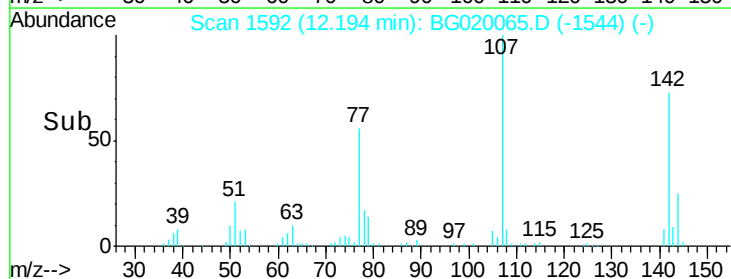
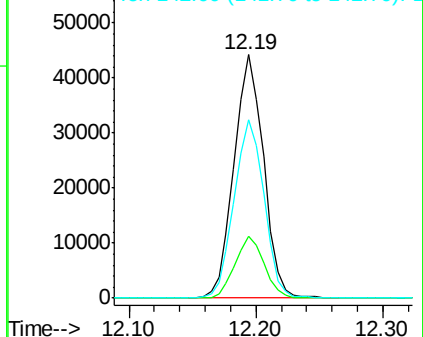
142 73.2 62.6 93.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

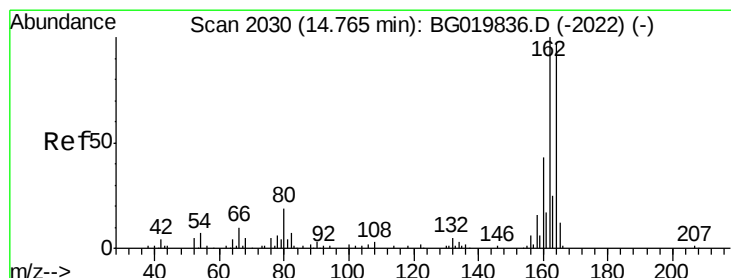
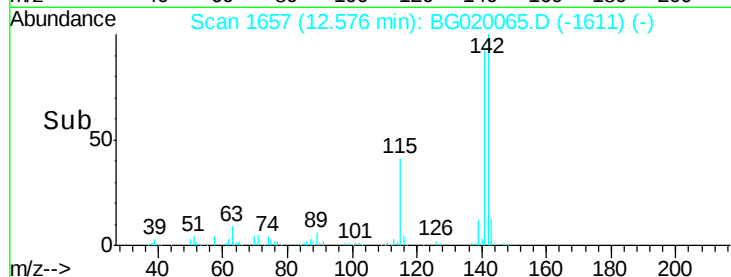
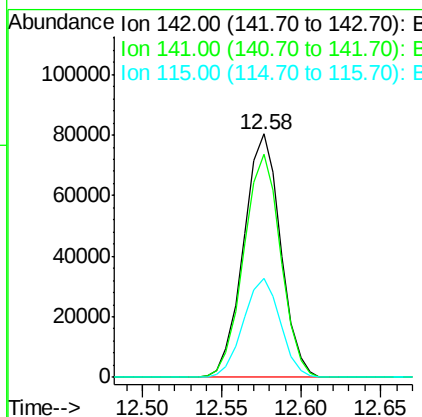
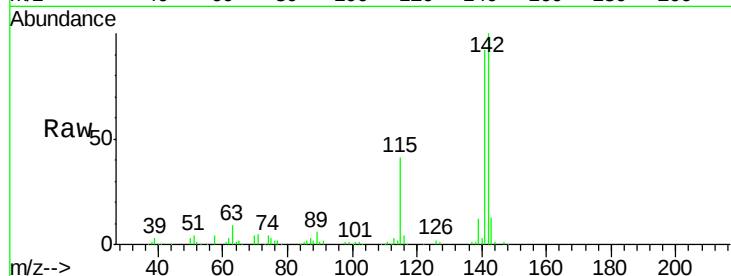




#37
2-Methylnaphthalene
Concen: 40.83 ng
RT: 12.58 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

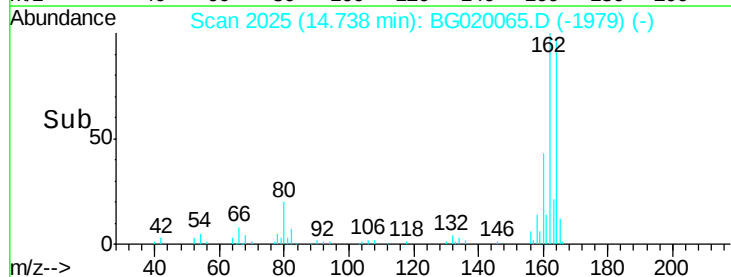
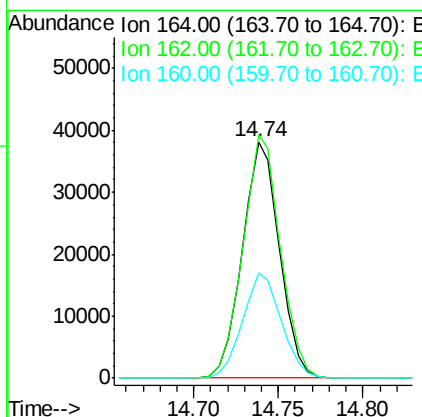
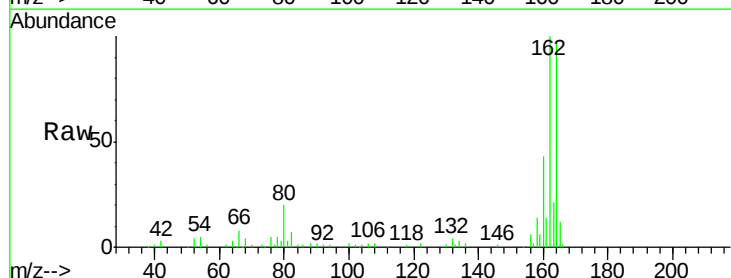
Instrument :
BNA_M
ClientSampleId :
PB87142BS

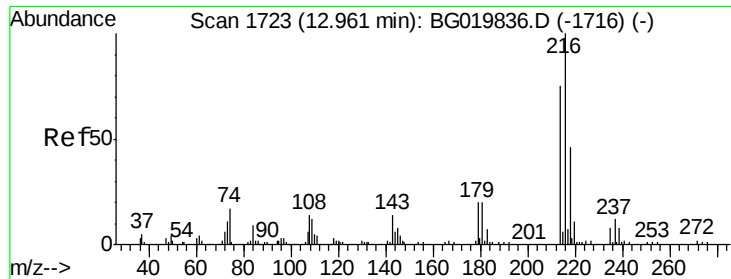
Tgt Ion:142 Resp: 130247
Ion Ratio Lower Upper
142 100
141 91.7 74.6 112.0
115 40.8 27.4 41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion:164 Resp: 57964
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 44.4 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.39 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

Tgt Ion:216 Resp: 84449

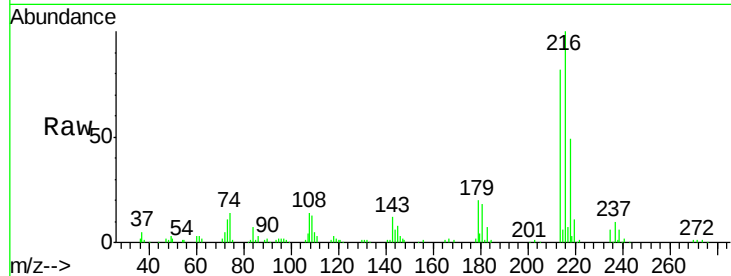
Ion Ratio Lower Upper

216 100

214 79.5 62.5 93.7

179 19.6 15.6 23.4

108 16.7 13.3 19.9

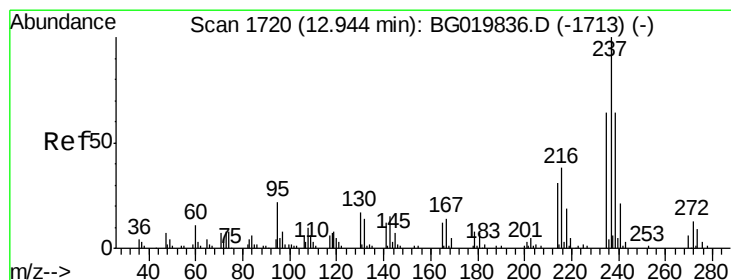
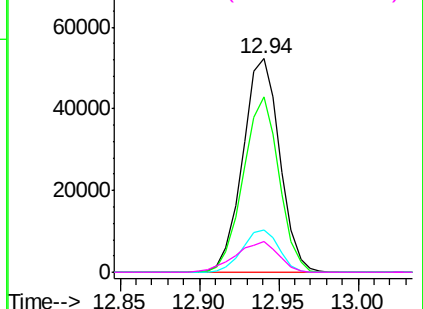
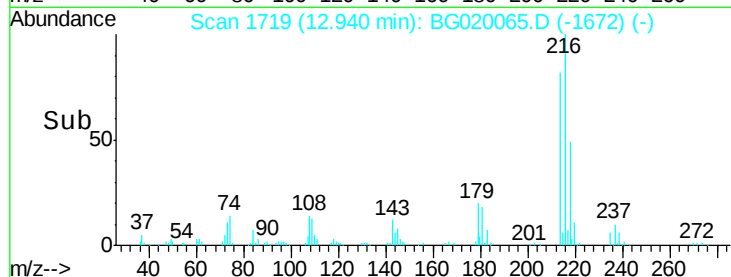


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.36 ng

RT: 12.92 min Scan# 1715

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

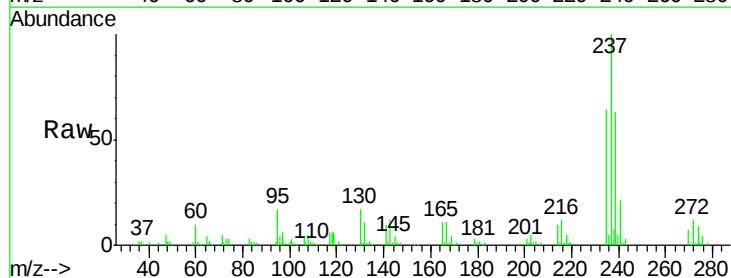
Tgt Ion:237 Resp: 76955

Ion Ratio Lower Upper

237 100

235 63.8 44.6 84.6

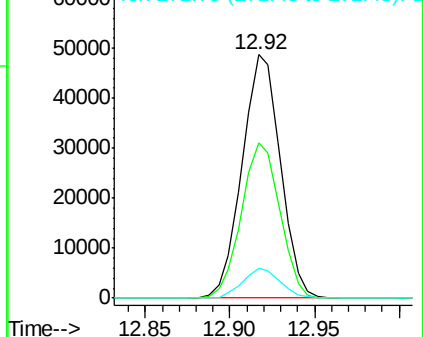
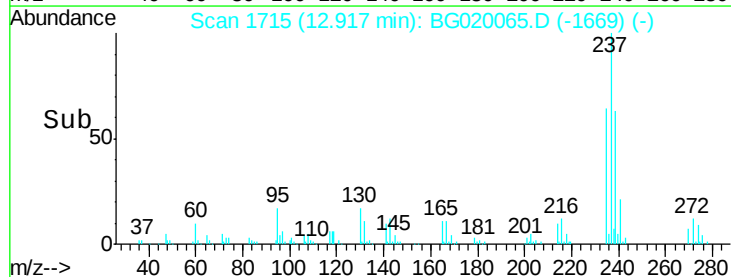
272 12.3 0.0 32.8

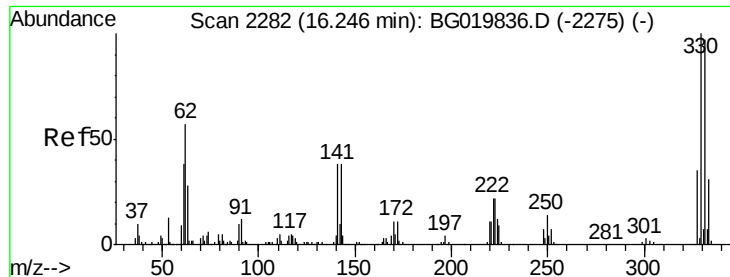


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

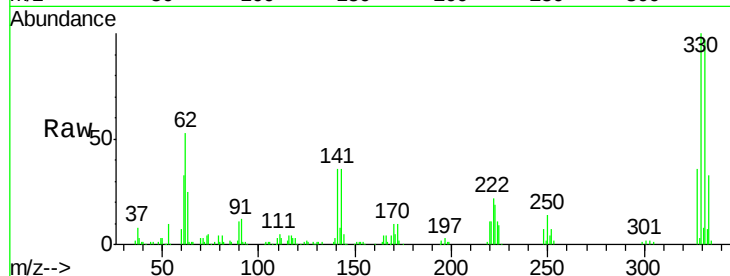




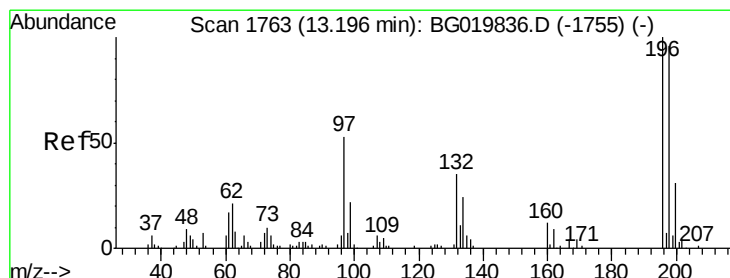
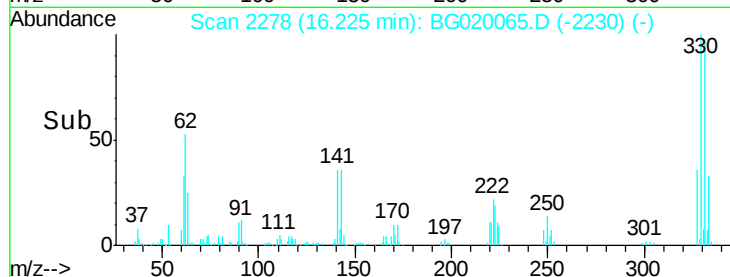
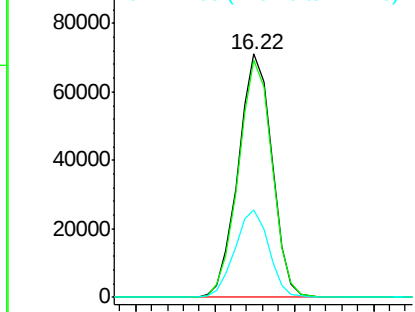
#41
 2,4,6-Tribromophenol
 Concen: 118.76 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

Tgt Ion:330 Resp: 105327
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.1 117.1
 141 36.1 28.2 42.2

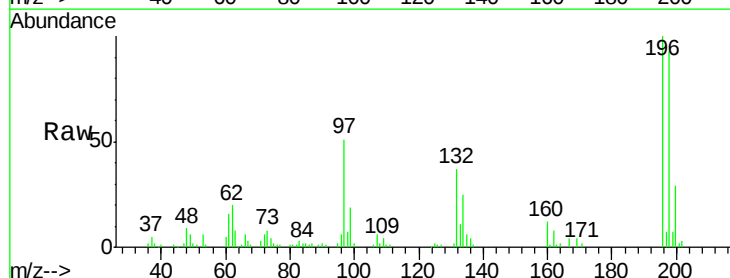


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

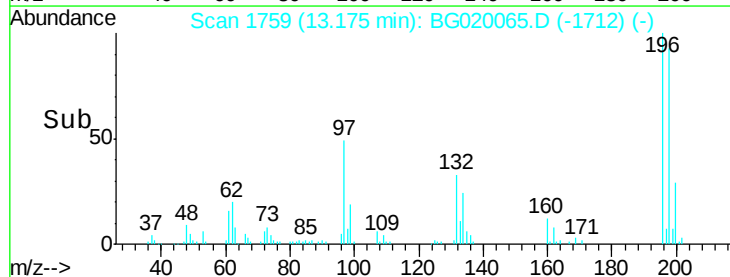
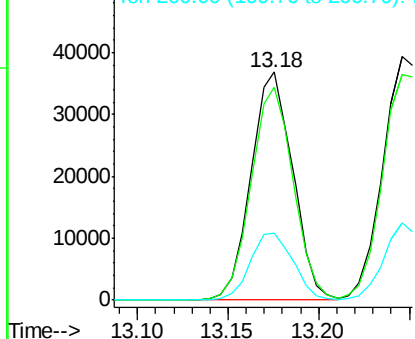


#42
 2,4,6-Trichlorophenol
 Concen: 40.44 ng
 RT: 13.18 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion:196 Resp: 58898
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.7 112.1
 200 29.4 24.1 36.1



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

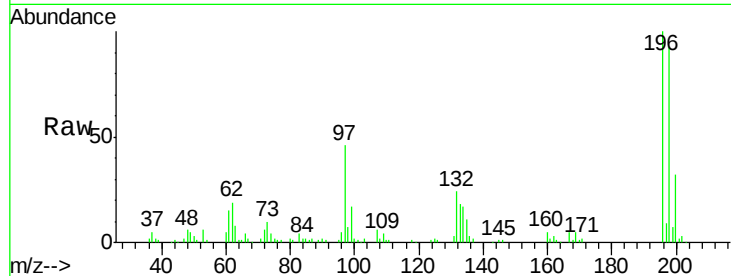




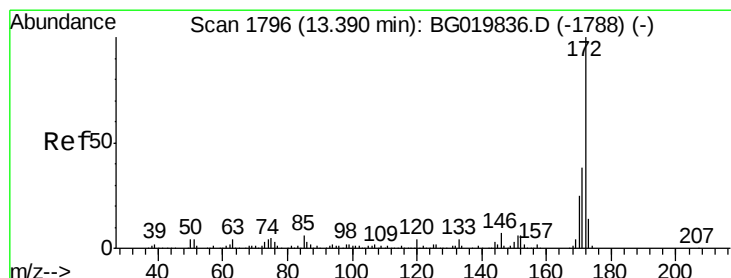
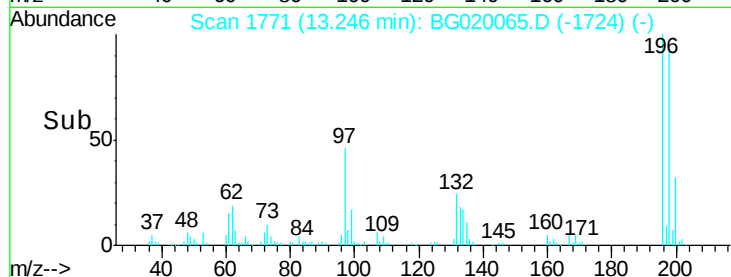
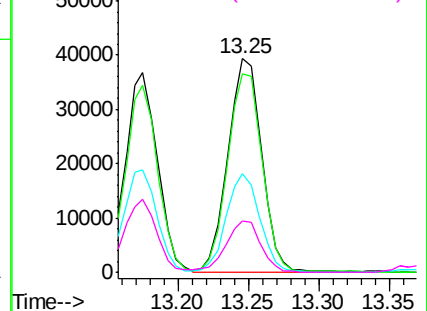
#43
 2,4,5-Trichlorophenol
 Concen: 42.76 ng
 RT: 13.25 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

Tgt Ion:196 Resp: 65822
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.2 112.8
 97 46.4 34.2 51.2
 132 24.2 21.8 32.6

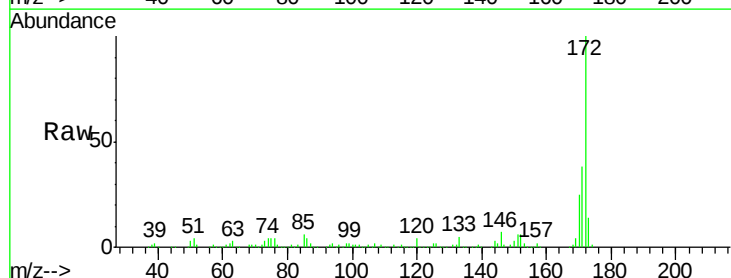


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

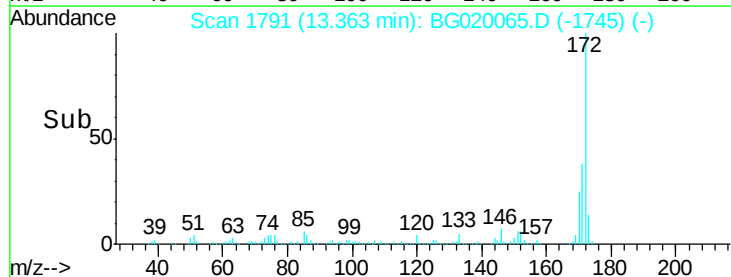
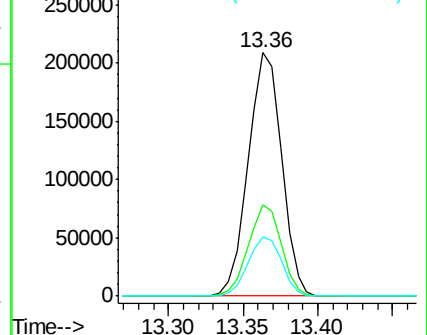


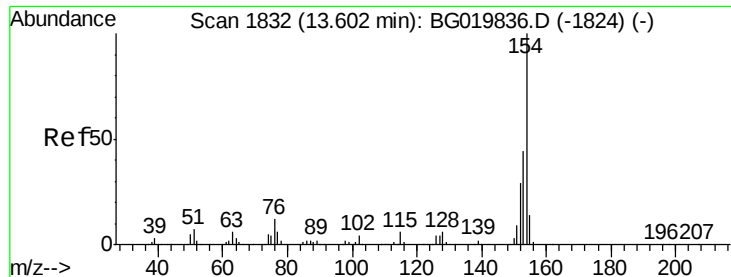
#44
 2-Fluorobiphenyl
 Concen: 76.01 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion:172 Resp: 322660
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.0 43.6
 170 24.5 19.9 29.9



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

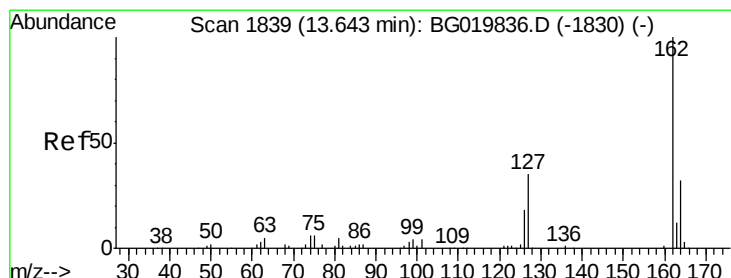
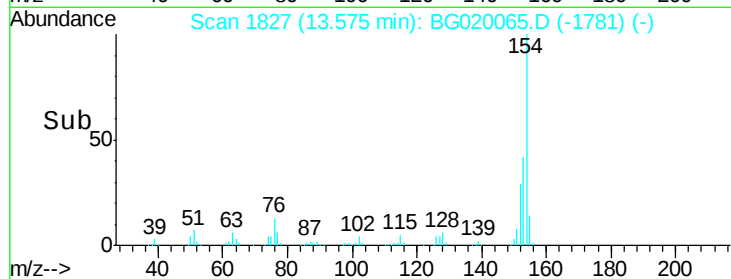
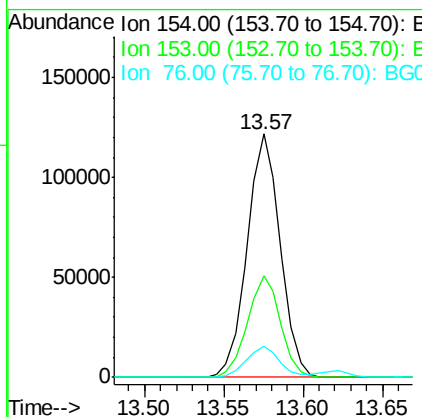
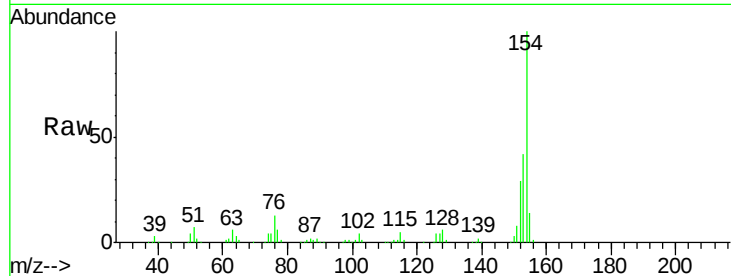




#45
 1,1'-Biphenyl
 Concen: 36.95 ng
 RT: 13.57 min Scan# 1827
 Delta R.T. -0.03 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

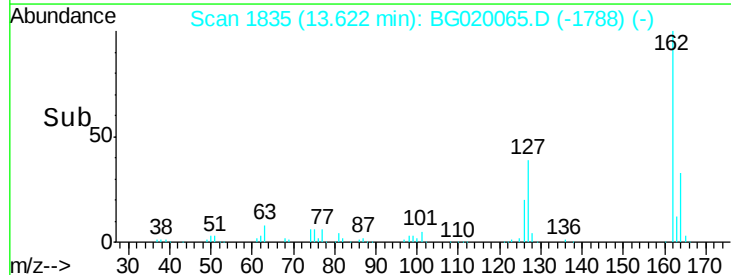
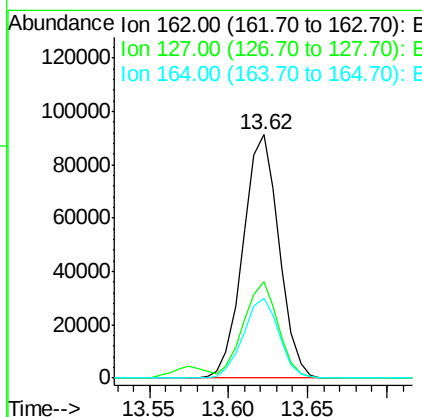
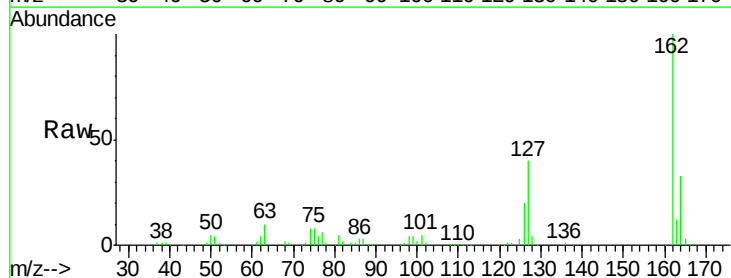
Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

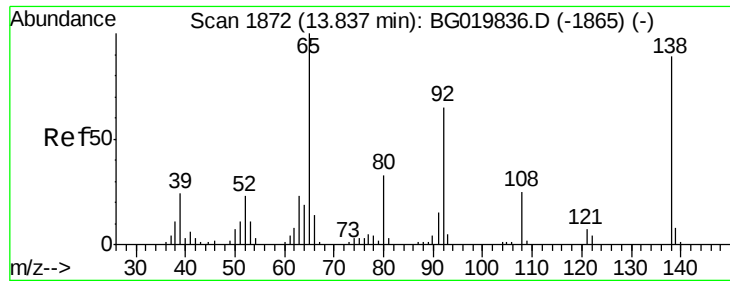
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	12.7	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 39.06 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	28.3	42.5
164	32.9	27.4	41.0

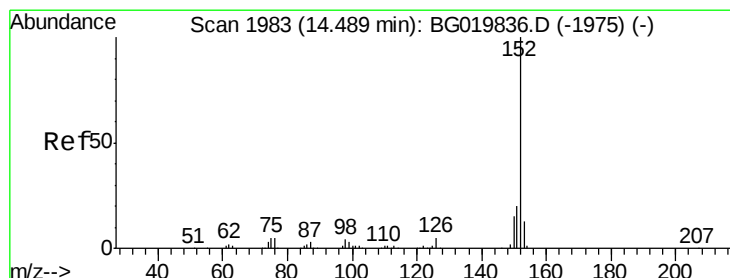
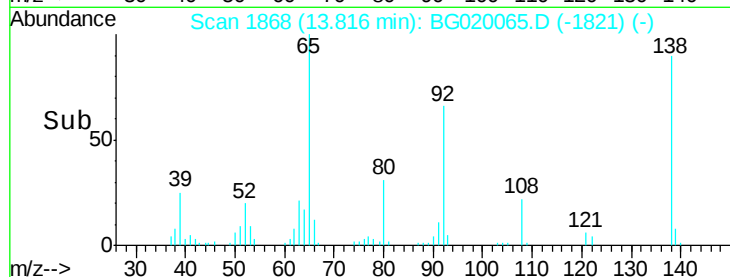
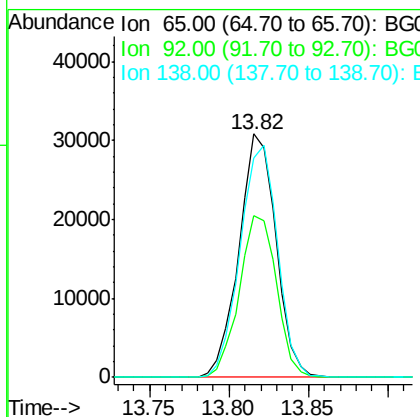
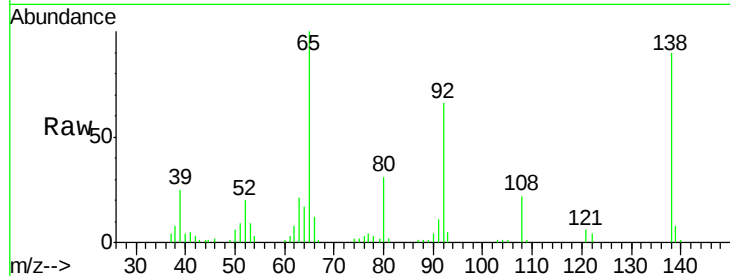




#47
2-Nitroaniline
Concen: 43.27 ng
RT: 13.82 min Scan# 1868
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

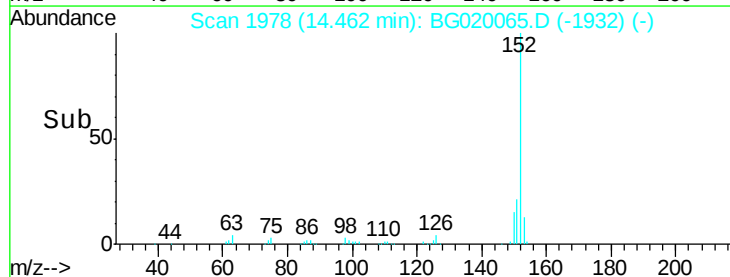
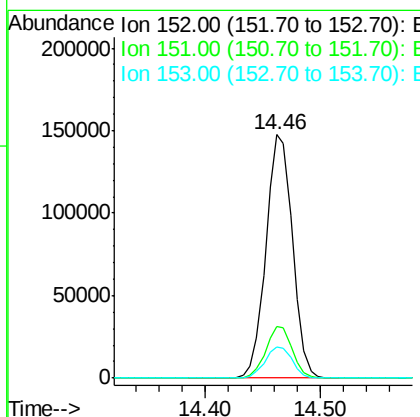
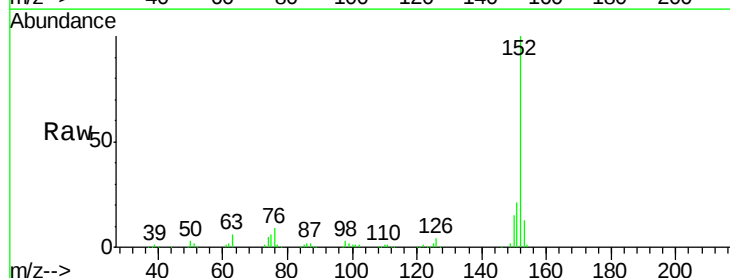
Instrument :
BNA_M
ClientSampleId :
PB87142BS

Tgt Ion: 65 Resp: 50108
Ion Ratio Lower Upper
65 100
92 66.2 54.8 82.2
138 89.9 89.6 134.4



#48
Acenaphthylene
Concen: 37.93 ng
RT: 14.46 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion: 152 Resp: 236911
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.4
153 12.9 10.4 15.6





#49

Dimethylphthalate

Concen: 36.62 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

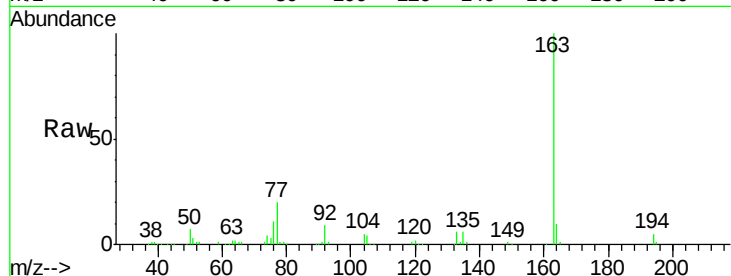
Tgt Ion:163 Resp: 190928

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

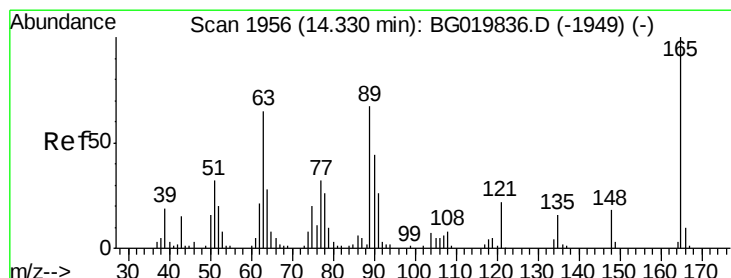
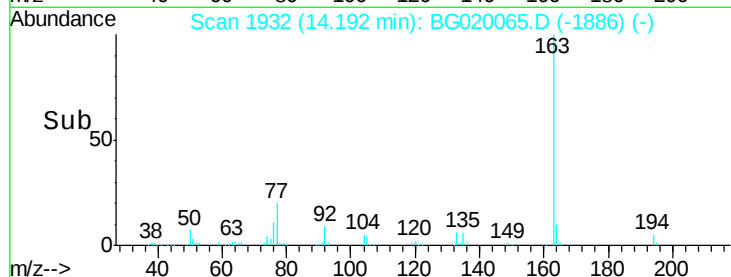
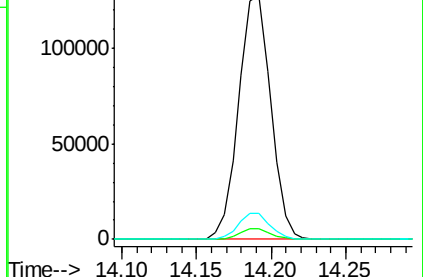
164 10.5 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.43 ng

RT: 14.31 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

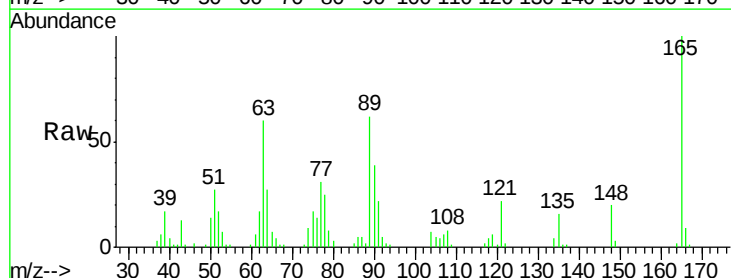
Tgt Ion:165 Resp: 41591

Ion Ratio Lower Upper

165 100

63 59.6 35.7 53.5#

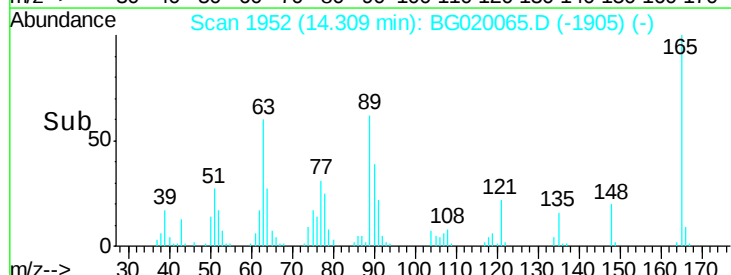
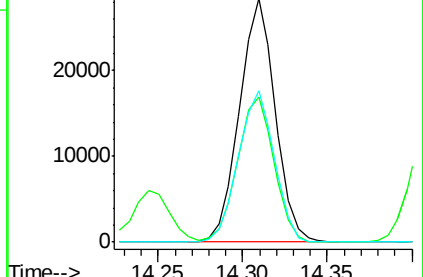
89 62.0 39.7 59.5#

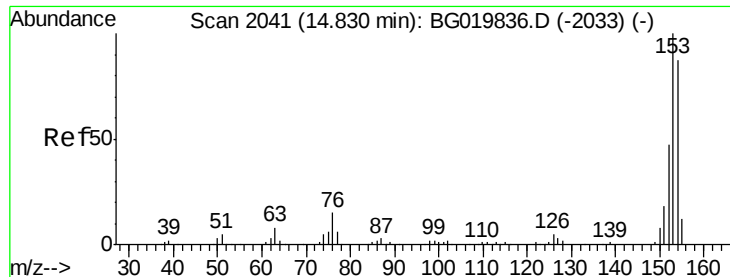


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.39 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

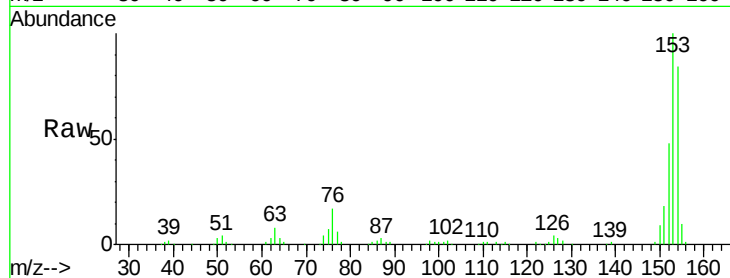
Tgt Ion:154 Resp: 141699

Ion Ratio Lower Upper

154 100

153 119.4 92.9 139.3

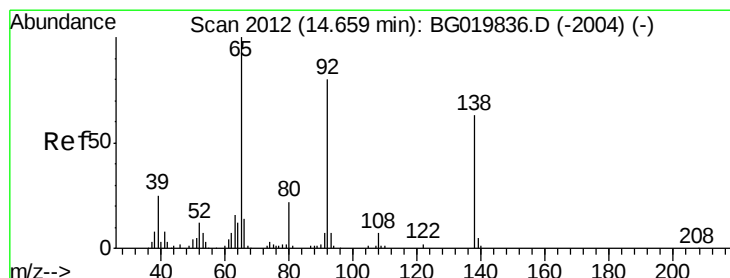
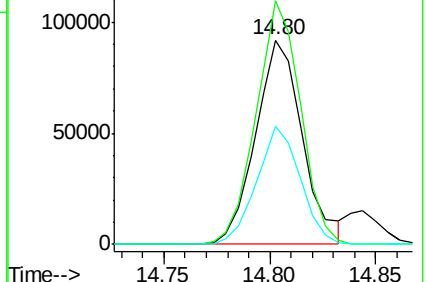
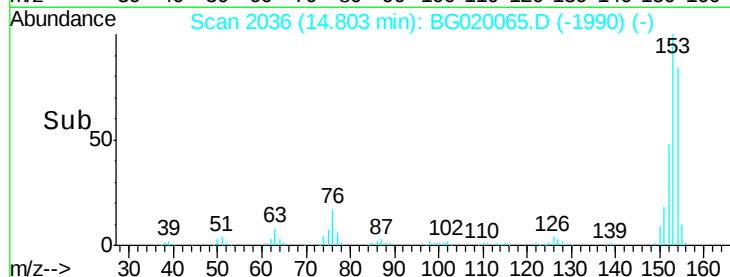
152 57.8 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.14 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

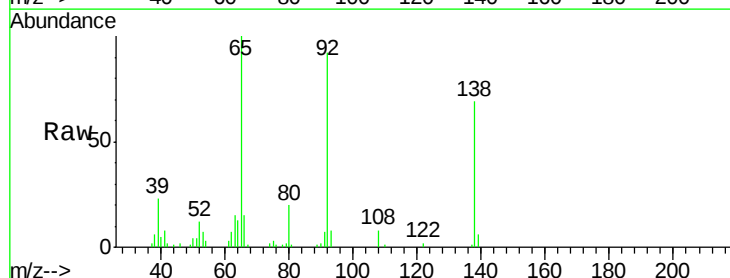
Tgt Ion:138 Resp: 23563

Ion Ratio Lower Upper

138 100

108 12.1 7.9 11.9#

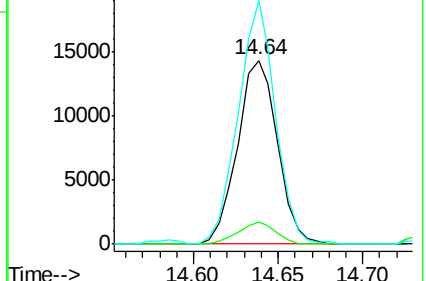
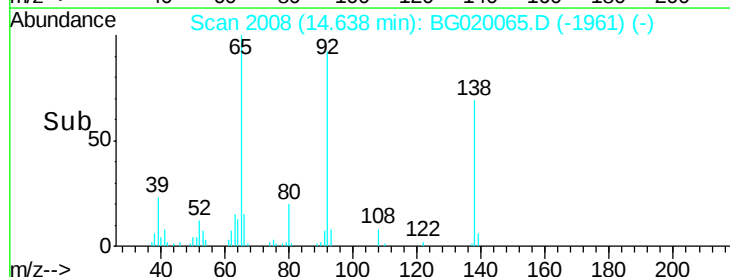
92 132.6 94.2 141.4

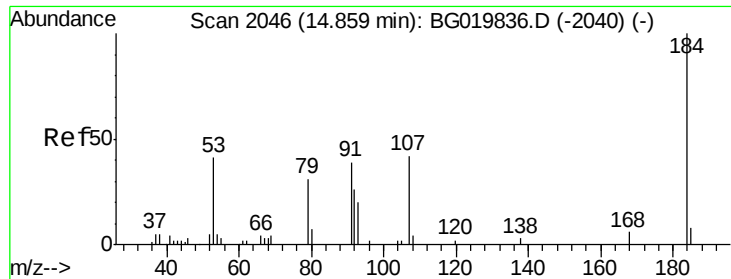


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

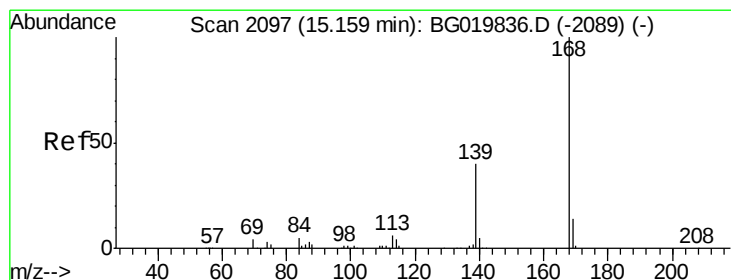
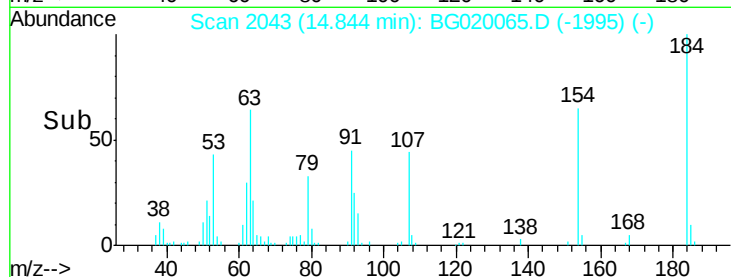
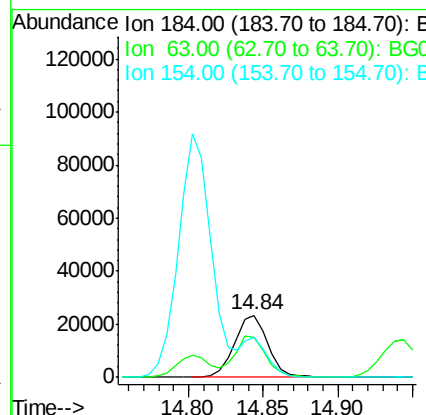
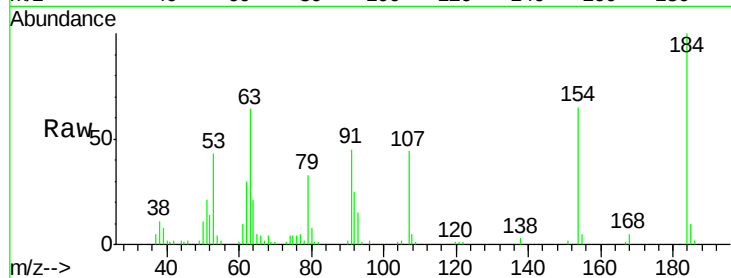




#53
2,4-Dinitrophenol
Concen: 71.17 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

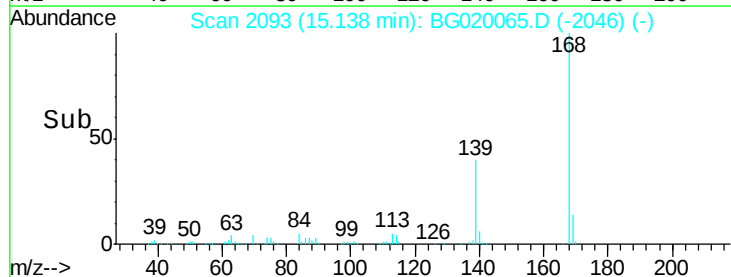
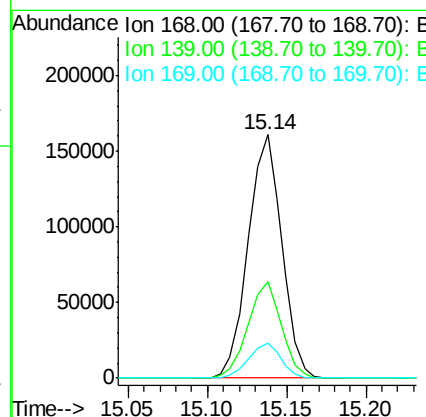
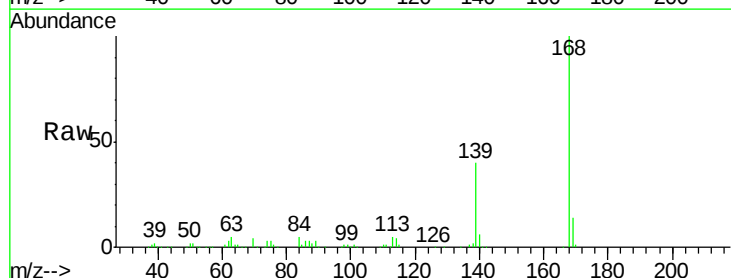
Instrument :
BNA_M
ClientSampleId :
PB87142BS

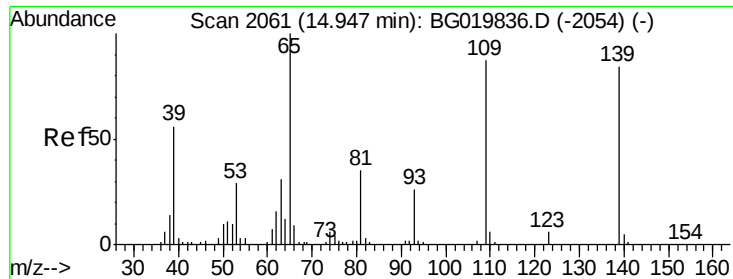
Tgt Ion:184 Resp: 36525
Ion Ratio Lower Upper
184 100
63 63.6 42.7 64.1
154 65.0 44.3 66.5



#54
Dibenzofuran
Concen: 42.09 ng
RT: 15.14 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion:168 Resp: 237314
Ion Ratio Lower Upper
168 100
139 39.7 27.4 41.0
169 14.1 11.0 16.4

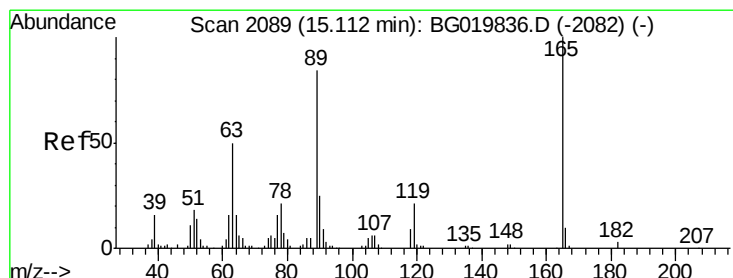
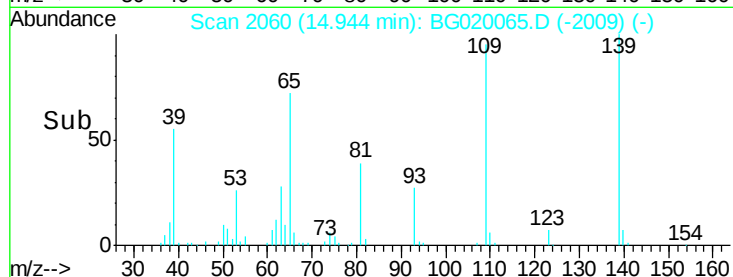
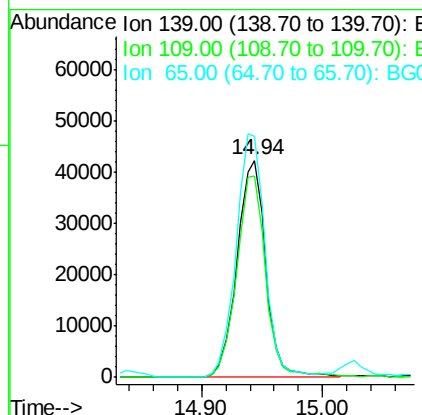
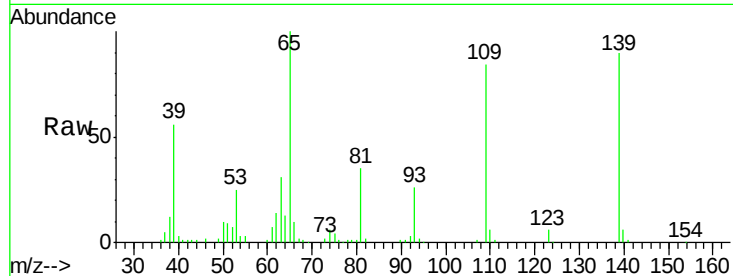




#55
4-Nitrophenol
Concen: 79.37 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

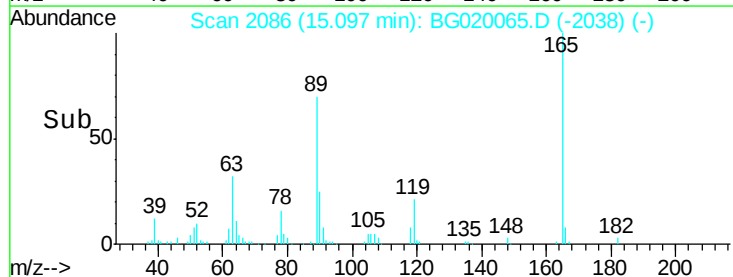
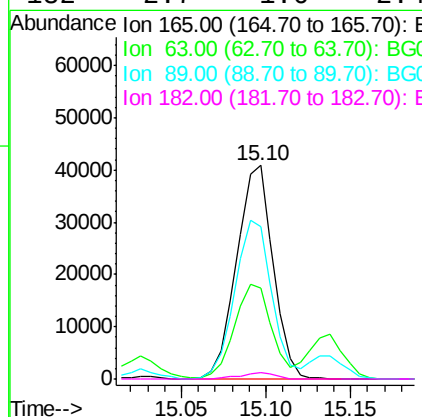
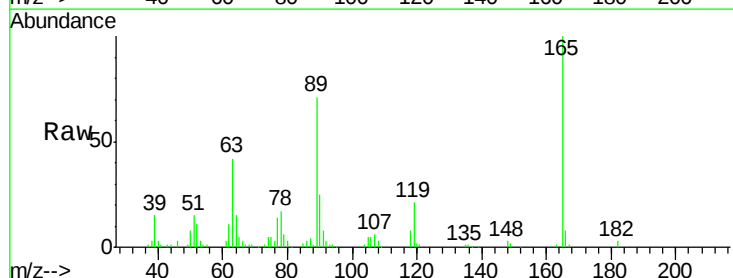
Instrument :
BNA_M
ClientSampleId :
PB87142BS

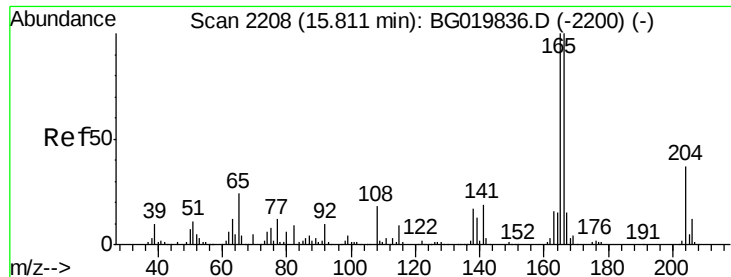
Tgt Ion:139 Resp: 70401
Ion Ratio Lower Upper
139 100
109 93.1 43.2 83.2#
65 110.9 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 44.91 ng
RT: 15.10 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion:165 Resp: 61419
Ion Ratio Lower Upper
165 100
63 42.4 31.0 46.4
89 71.1 54.4 81.6
182 2.7 1.6 2.4#

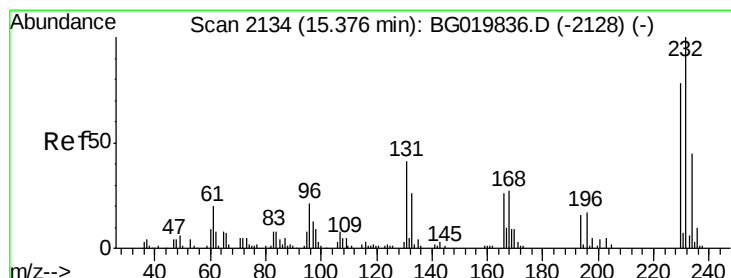
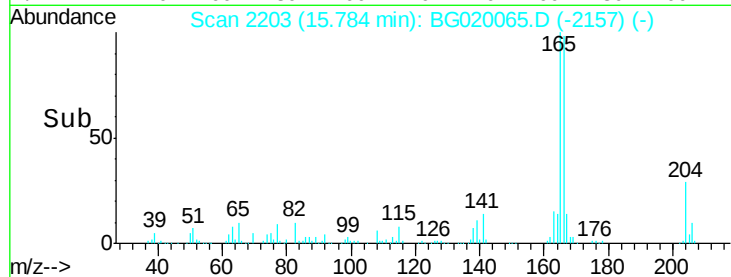
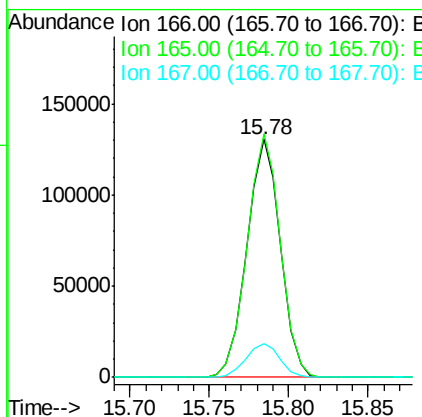
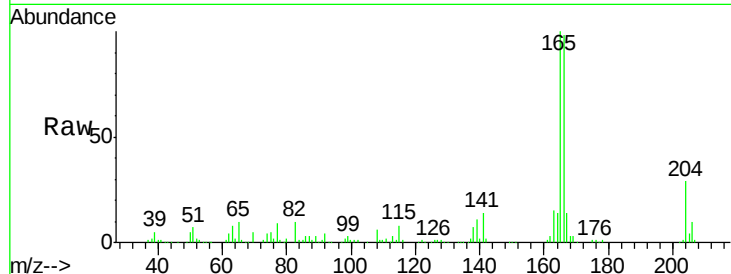




#57
 Fluorene
 Concen: 37.88 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

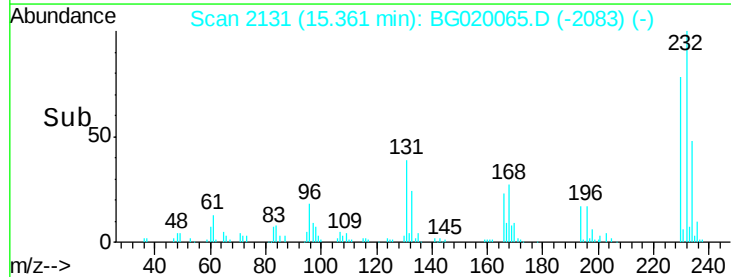
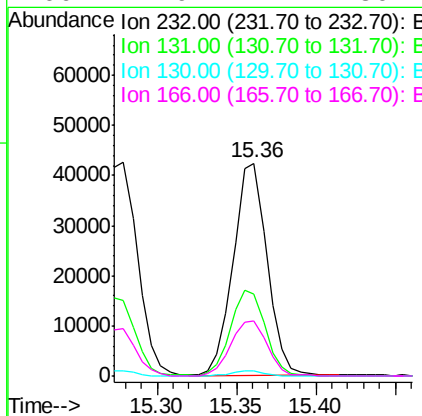
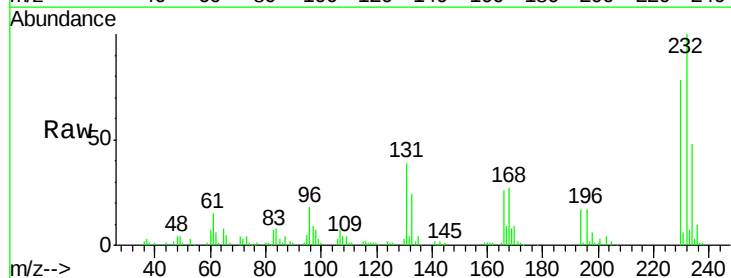
Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

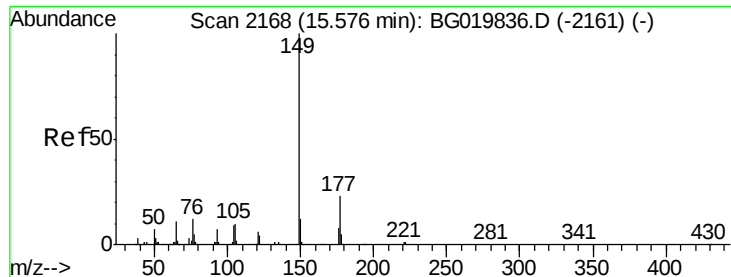
Tgt Ion:166 Resp: 191153
 Ion Ratio Lower Upper
 166 100
 165 102.3 80.0 120.0
 167 14.3 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.11 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion:232 Resp: 62833
 Ion Ratio Lower Upper
 232 100
 131 41.5 33.0 49.6
 130 2.2 2.0 3.0
 166 27.9 24.1 36.1





#59

Diethylphthalate

Concen: 35.33 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

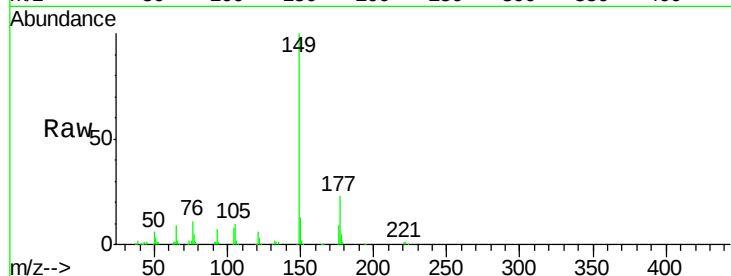
Tgt Ion:149 Resp: 199385

Ion Ratio Lower Upper

149 100

177 23.2 19.6 29.4

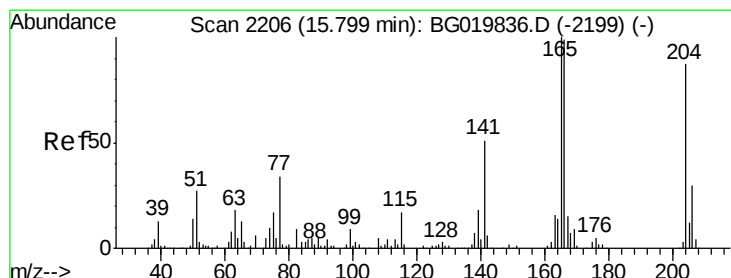
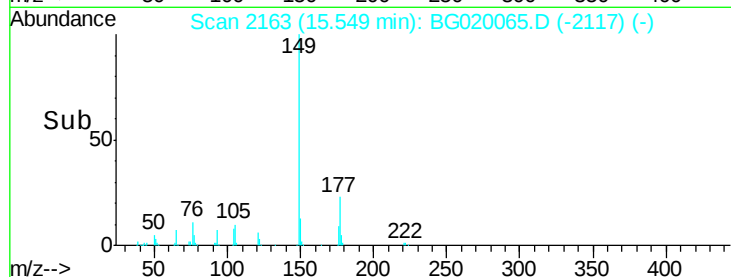
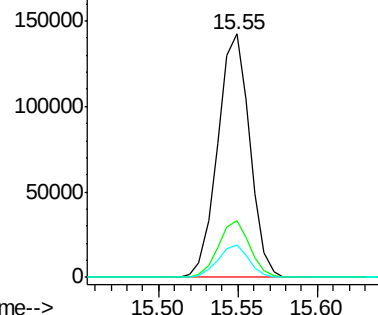
150 13.1 10.2 15.2



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: 36.96 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

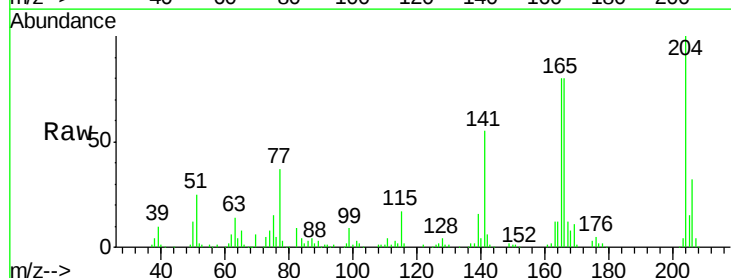
Tgt Ion:204 Resp: 107088

Ion Ratio Lower Upper

204 100

206 31.9 28.3 42.5

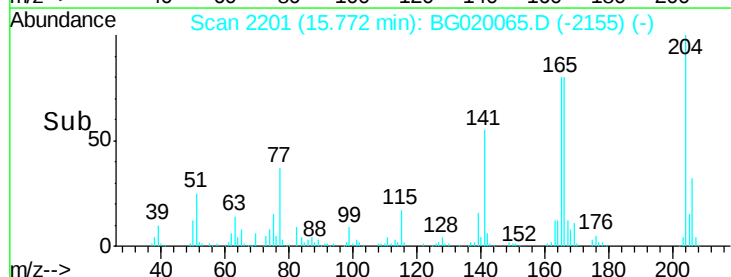
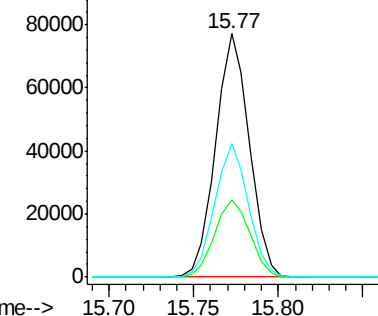
141 55.0 44.0 66.0

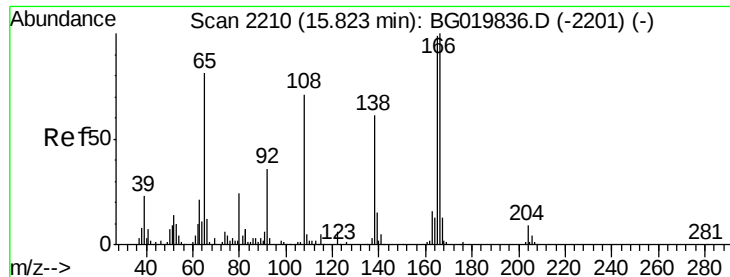


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

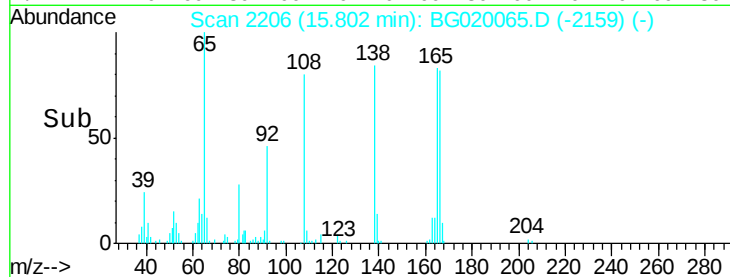
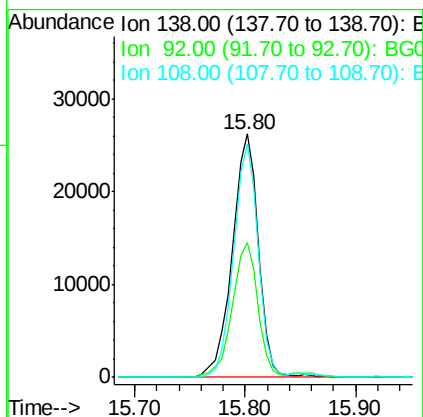
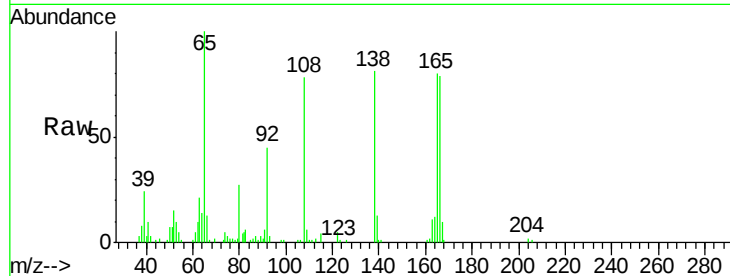




#61
4-Nitroaniline
Concen: 37.99 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

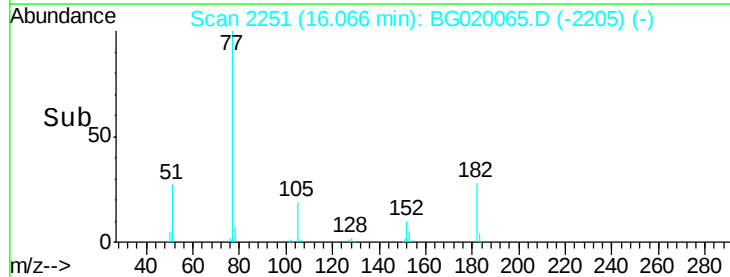
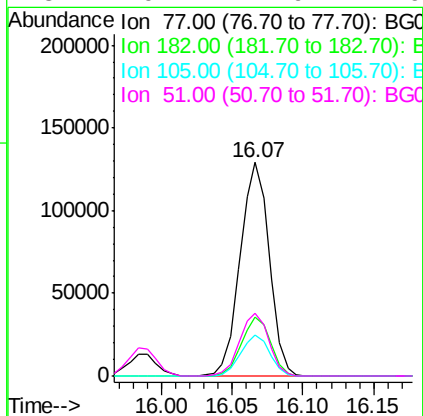
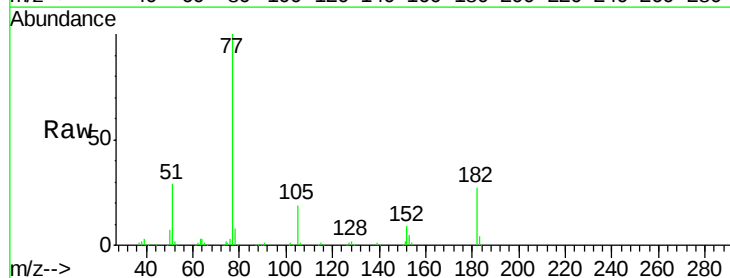
Instrument :
BNA_M
ClientSampleId :
PB87142BS

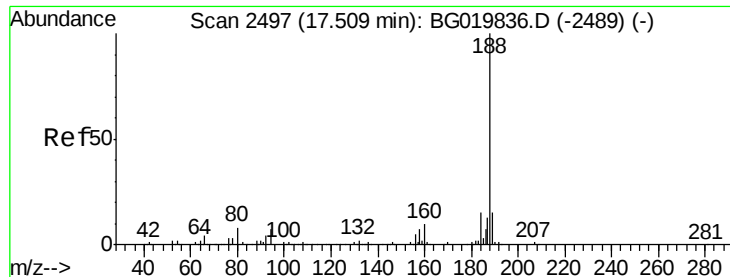
Tgt Ion: 138 Resp: 43520
Ion Ratio Lower Upper
138 100
92 55.2 29.1 69.1
108 95.9 49.8 89.8#



#62
Azobenzene
Concen: 39.56 ng
RT: 16.07 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion: 77 Resp: 185759
Ion Ratio Lower Upper
77 100
182 27.5 7.0 47.0
105 19.1 1.4 41.4
51 29.2 4.9 44.9

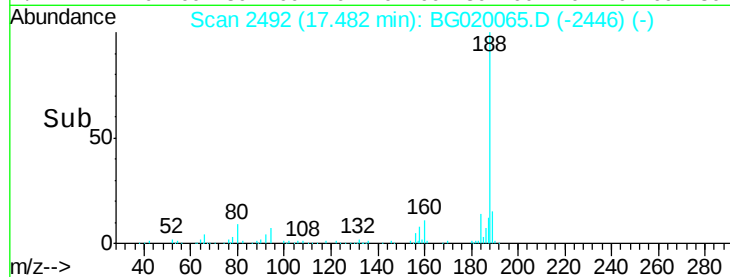
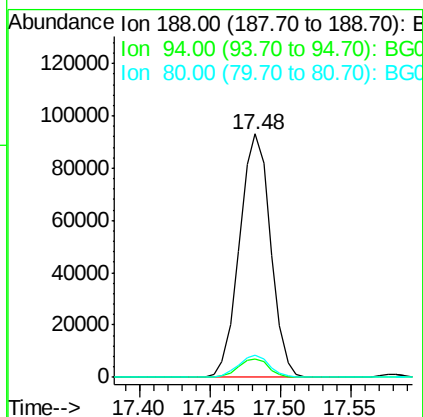
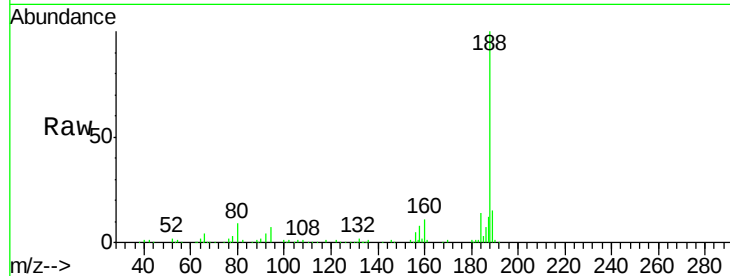




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

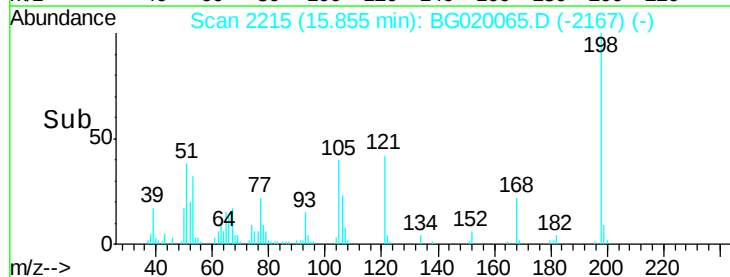
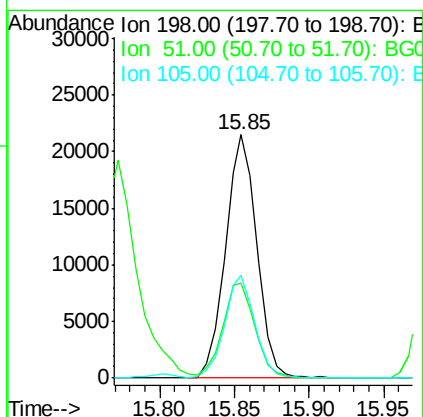
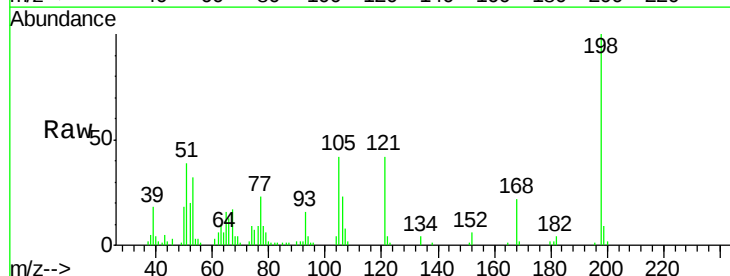
Instrument :
BNA_M
ClientSampleId :
PB87142BS

Tgt Ion:188 Resp: 143078
Ion Ratio Lower Upper
188 100
94 7.4 7.7 11.5#
80 9.2 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.23 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020065.D
Acq: 10 Dec 2015 6:12

Tgt Ion:198 Resp: 31429
Ion Ratio Lower Upper
198 100
51 39.2 14.2 54.2
105 42.2 21.1 61.1

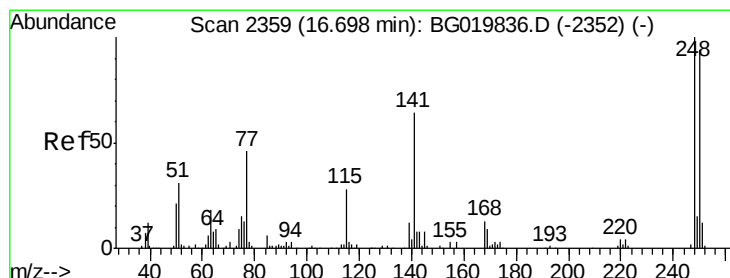
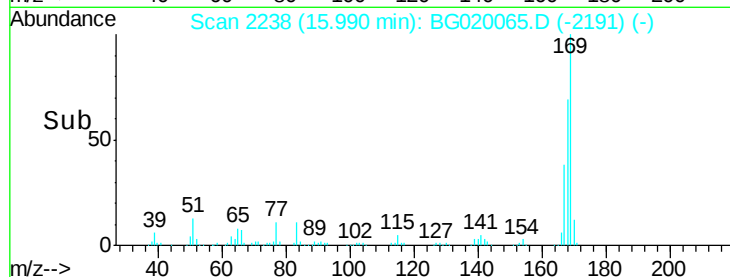
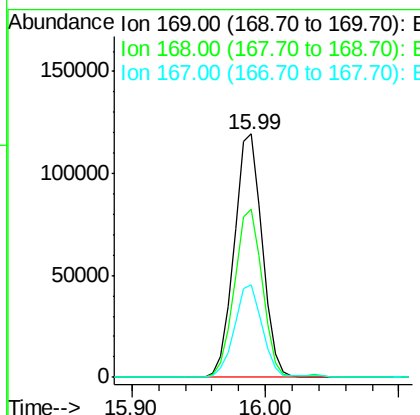
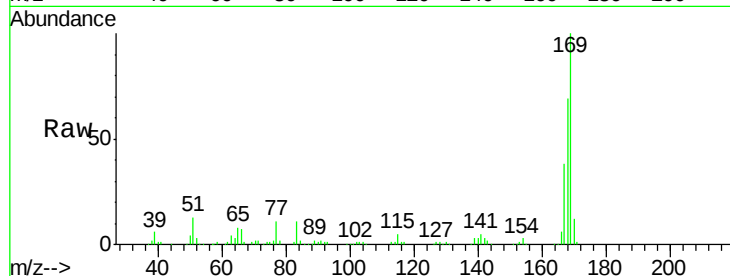




#65
 n-Nitrosodiphenylamine
 Concen: 41.94 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

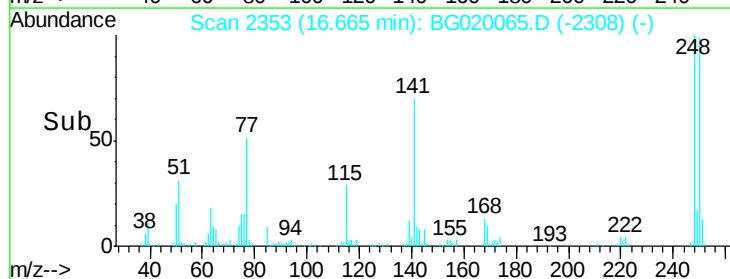
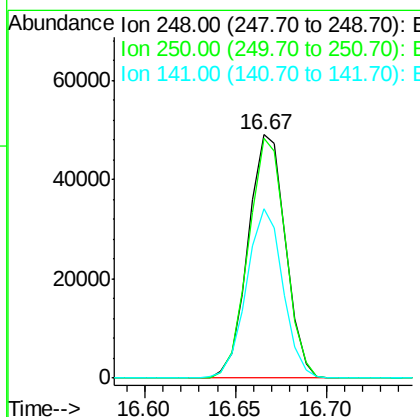
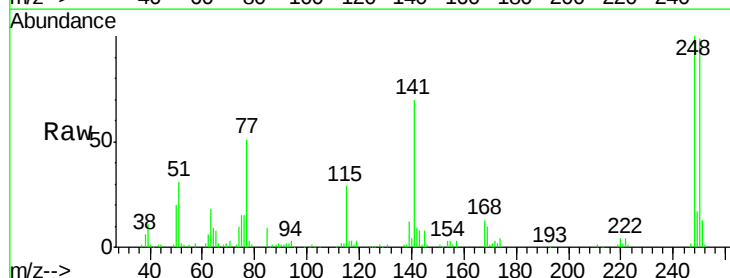
Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

Tgt Ion:169 Resp: 173629
 Ion Ratio Lower Upper
 169 100
 168 69.3 58.2 87.2
 167 38.1 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 39.69 ng
 RT: 16.67 min Scan# 2353
 Delta R.T. -0.03 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion:248 Resp: 70558
 Ion Ratio Lower Upper
 248 100
 250 98.6 77.8 116.8
 141 69.8 50.4 75.6





#67

Hexachlorobenzene

Concen: 40.75 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

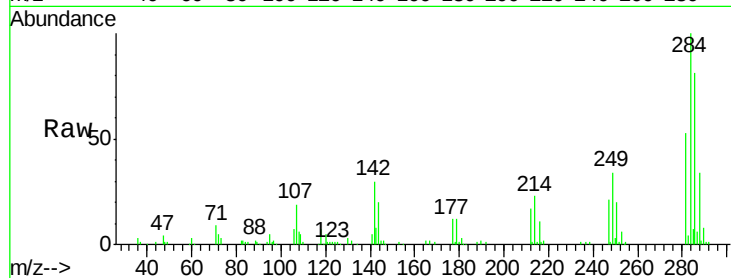
Tgt Ion:284 Resp: 75472

Ion Ratio Lower Upper

284 100

142 30.4 26.6 39.8

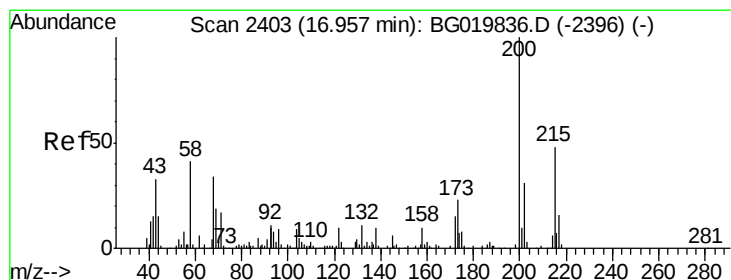
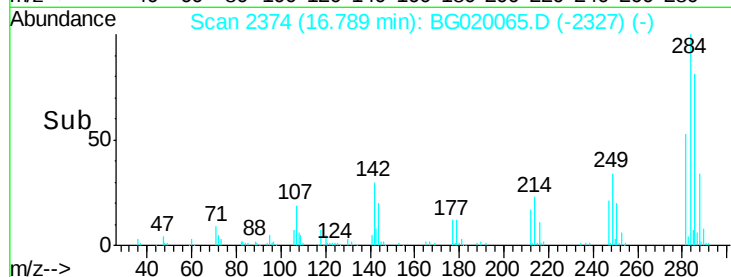
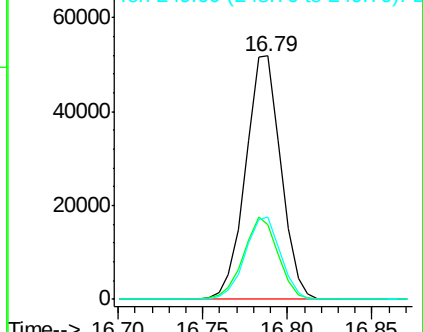
249 36.3 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.00 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

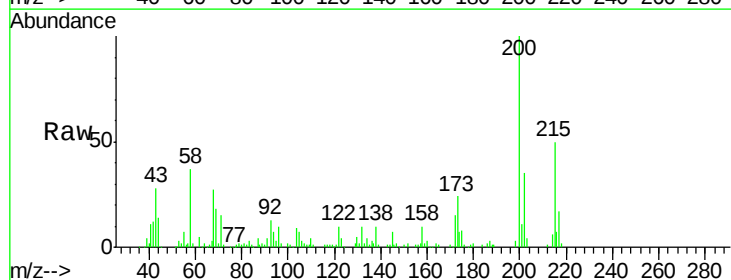
Tgt Ion:200 Resp: 71947

Ion Ratio Lower Upper

200 100

173 23.6 5.2 45.2

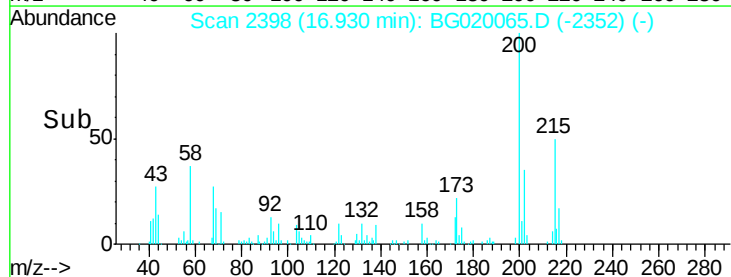
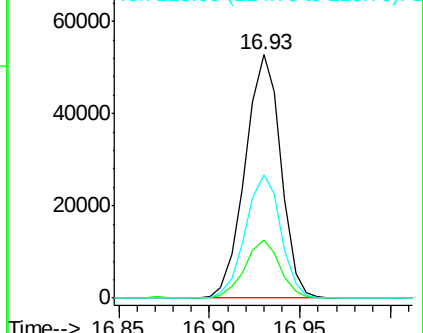
215 50.5 27.0 67.0

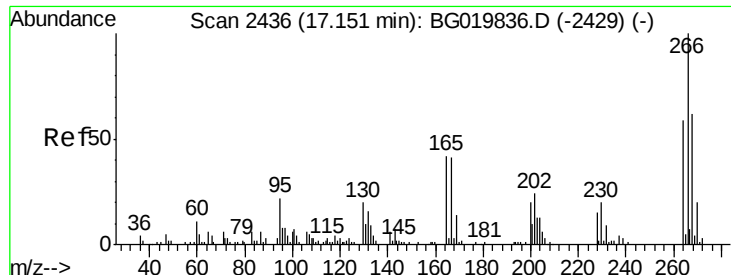


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

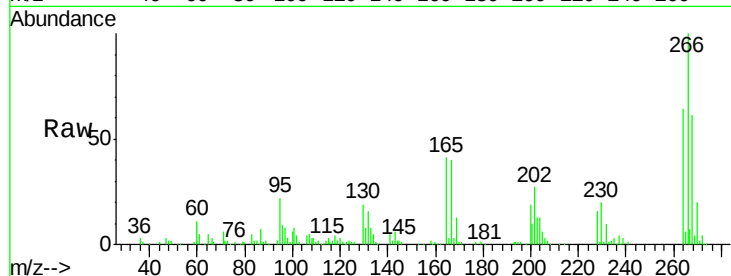




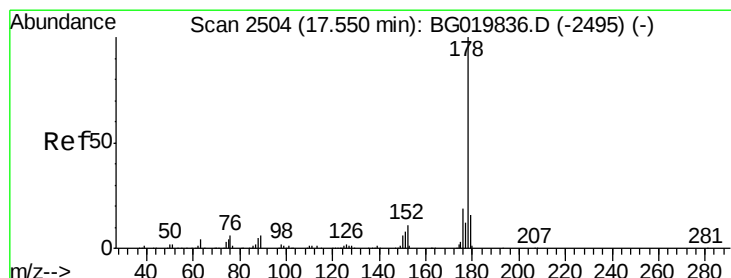
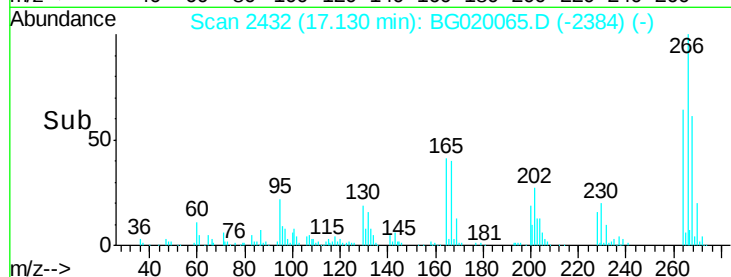
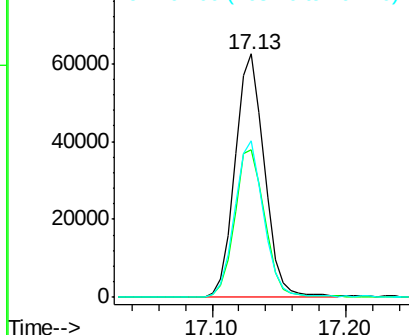
#69
 Pentachlorophenol
 Concen: 88.30 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

Tgt Ion: 266 Resp: 95450
 Ion Ratio Lower Upper
 266 100
 268 60.7 47.6 71.4
 264 64.3 48.1 72.1

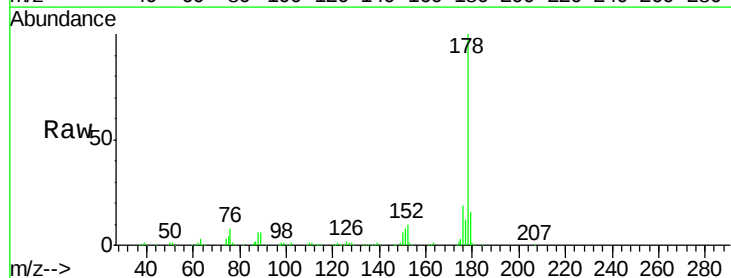


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

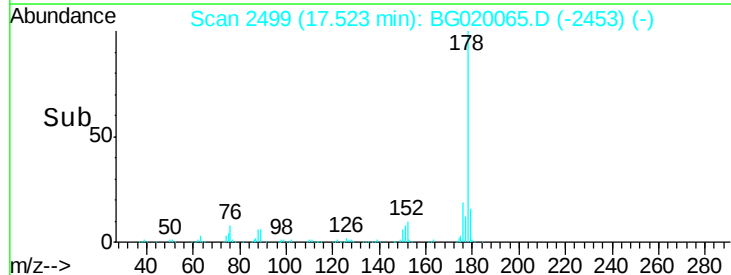
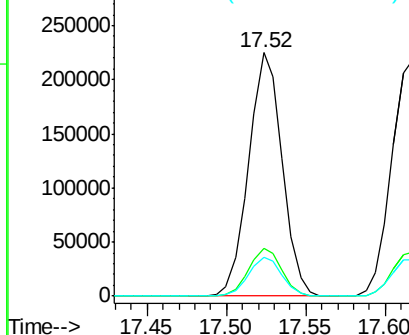


#70
 Phenanthrene
 Concen: 40.88 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.03 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion: 178 Resp: 330899
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.7 25.1
 179 15.9 13.9 20.9



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

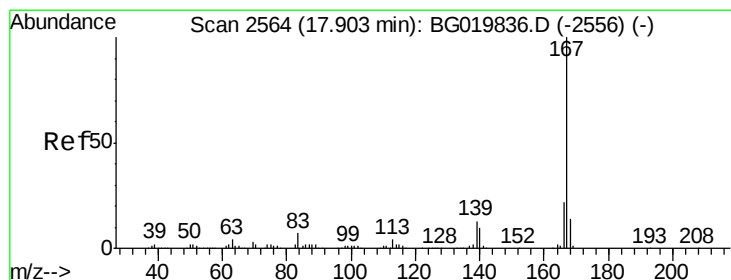
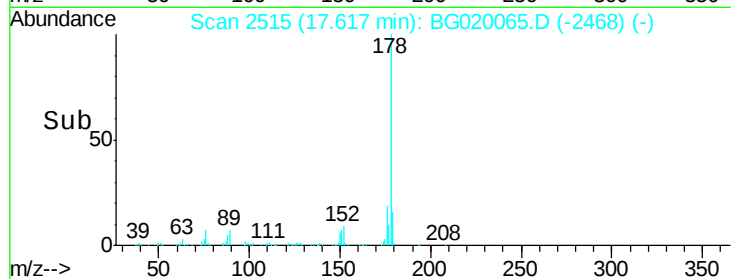
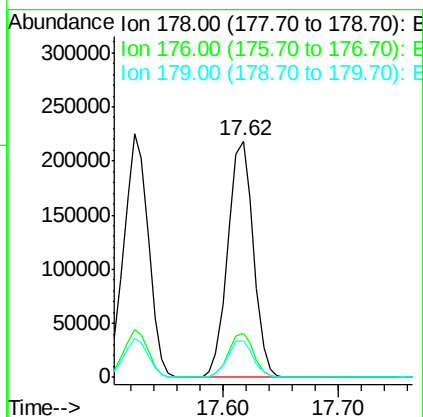
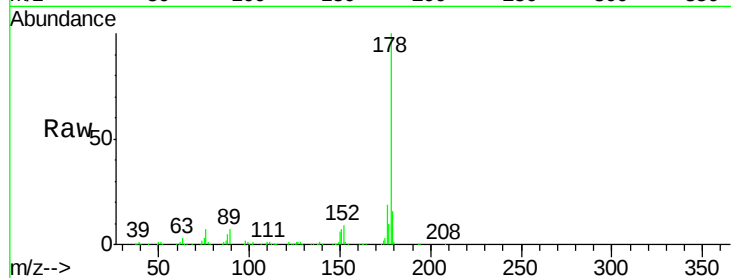




#71
 Anthracene
 Concen: 40.53 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

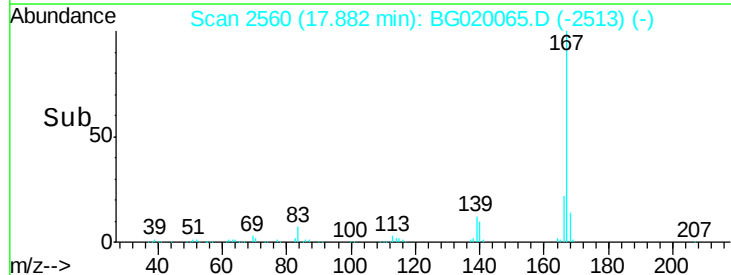
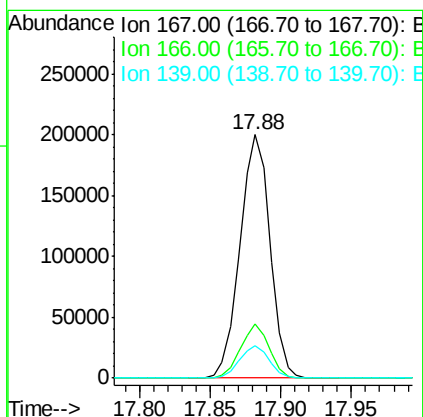
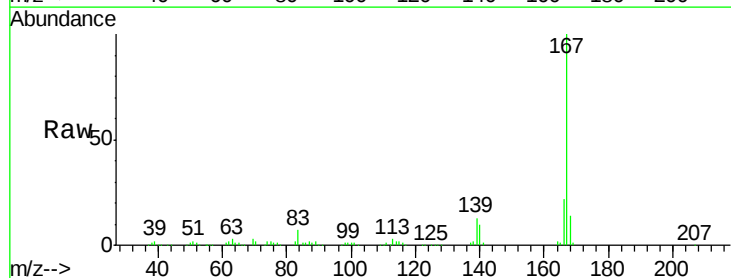
Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.8	25.2
179	15.5	13.9	20.9



#72
 Carbazole
 Concen: 40.90 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.0	28.6
139	13.1	10.2	15.4





#73

Di-n-butylphthalate

Concen: 39.33 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

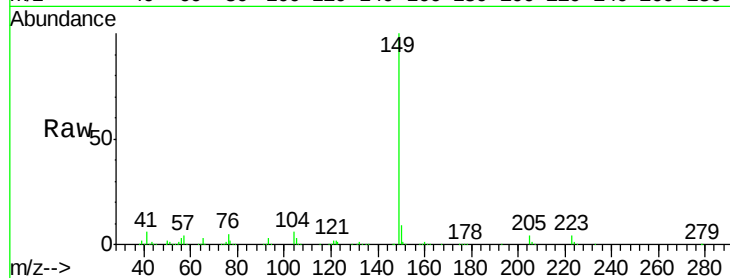
Tgt Ion:149 Resp: 350181

Ion Ratio Lower Upper

149 100

150 9.4 8.2 12.4

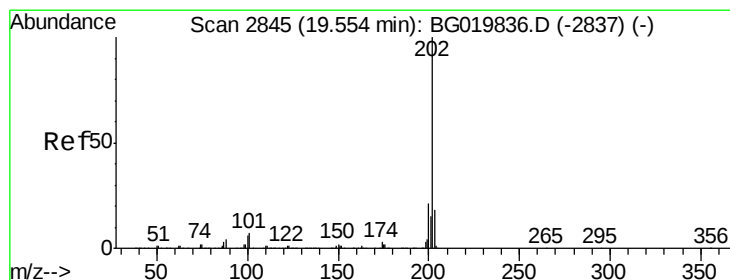
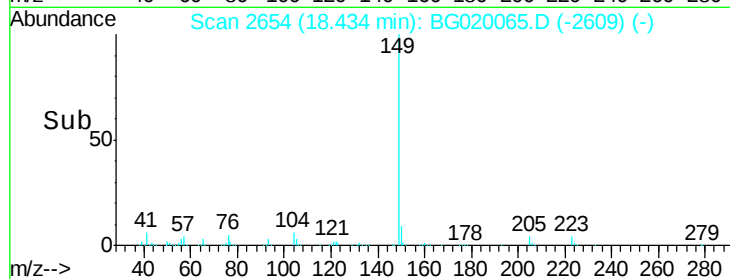
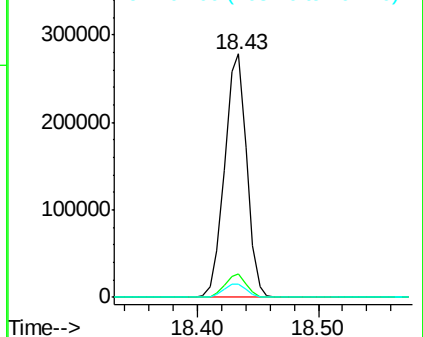
104 5.6 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.20 ng

RT: 19.53 min Scan# 2840

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

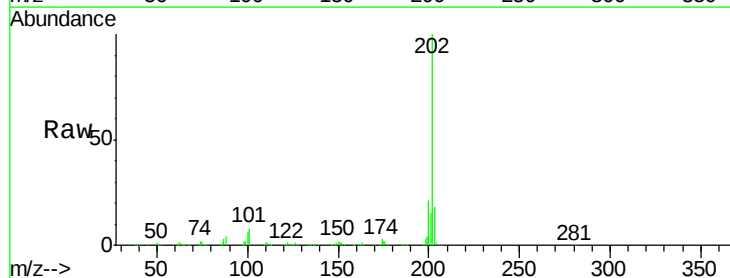
Tgt Ion:202 Resp: 416250

Ion Ratio Lower Upper

202 100

101 7.6 0.0 32.4

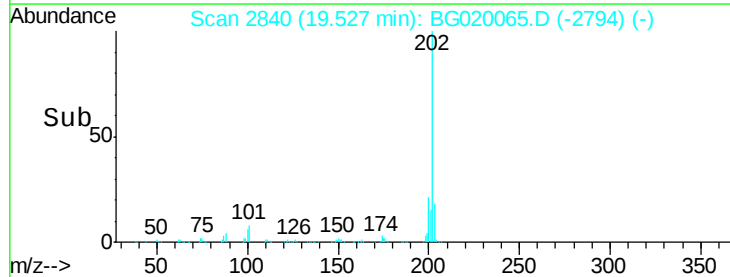
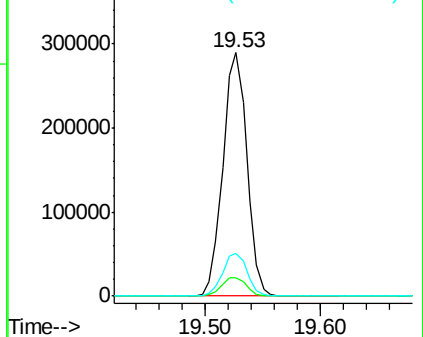
203 17.5 0.0 39.5

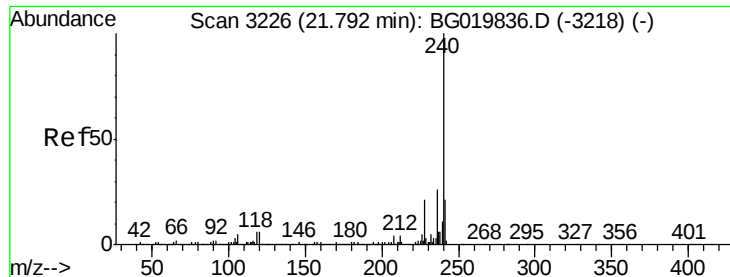


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

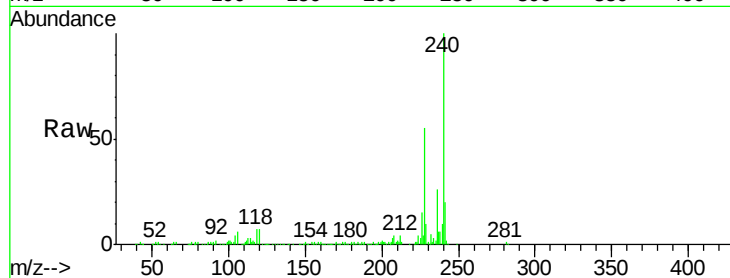
Tgt Ion:240 Resp: 178716

Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

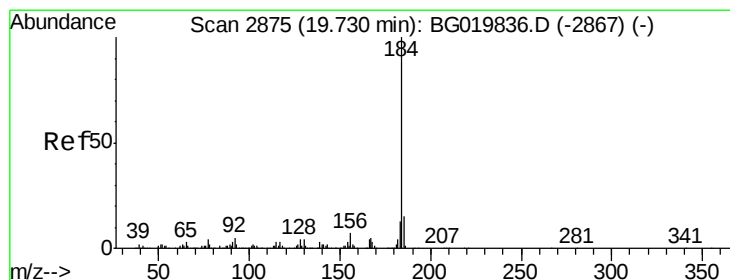
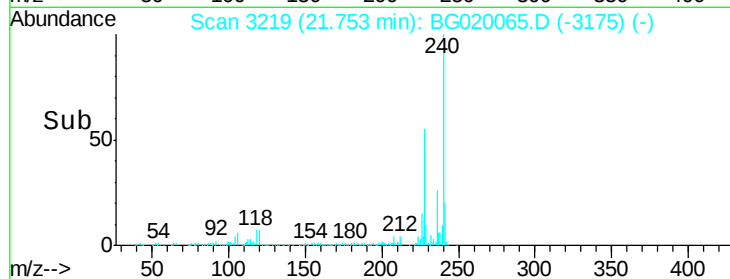
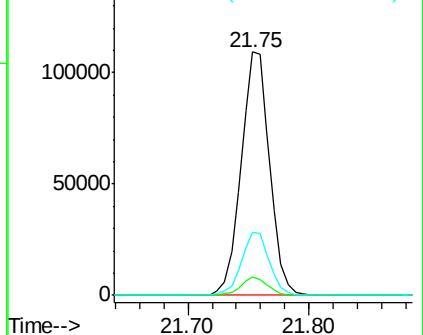
236 25.8 20.7 31.1



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: 19.67 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

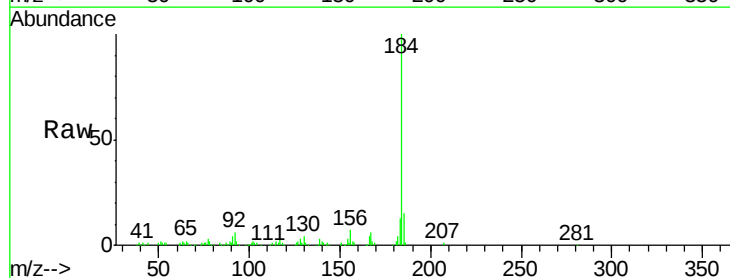
Tgt Ion:184 Resp: 115490

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

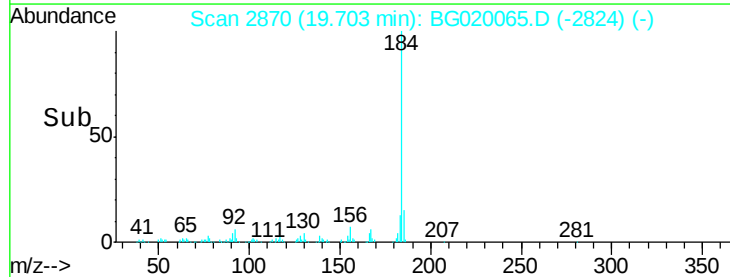
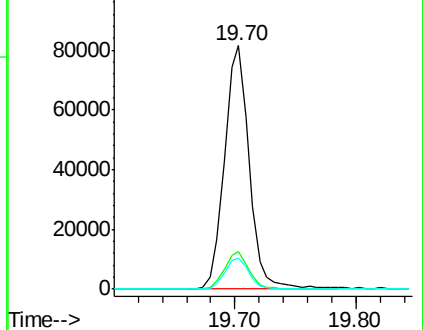
183 12.9 10.1 15.1



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

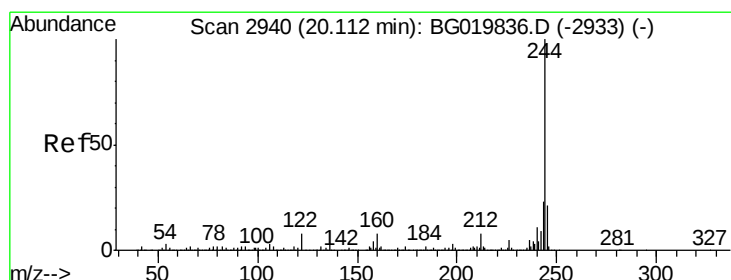
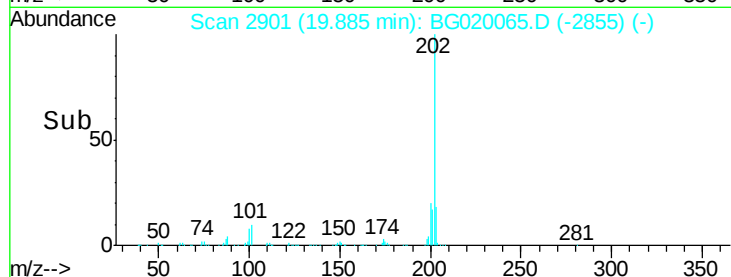
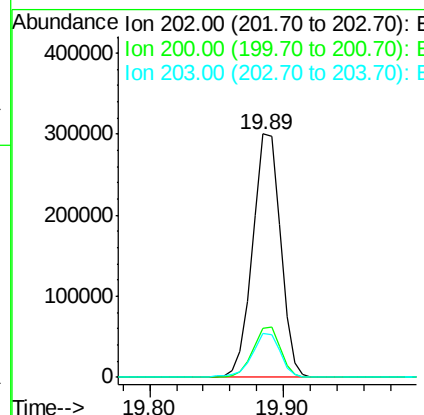
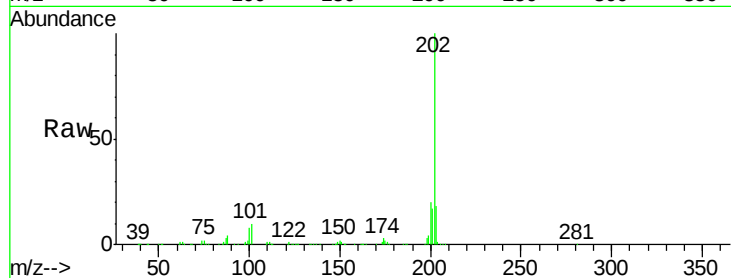




#77
 Pyrene
 Concen: 40.96 ng
 RT: 19.89 min Scan# 2901
 Delta R.T. -0.03 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

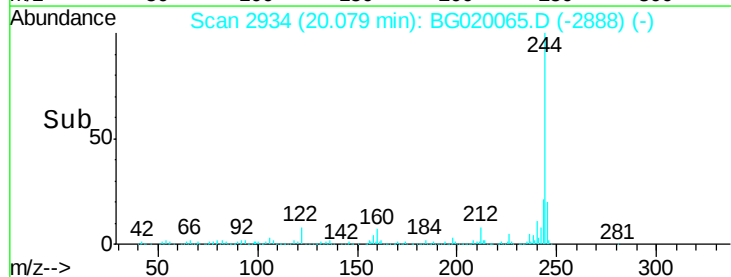
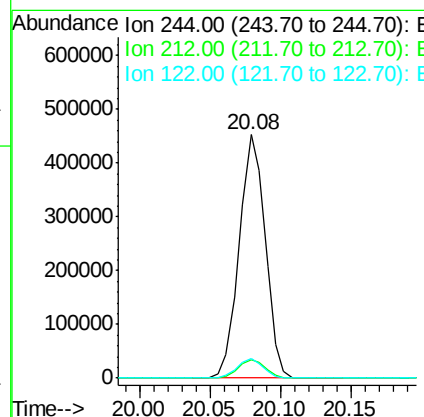
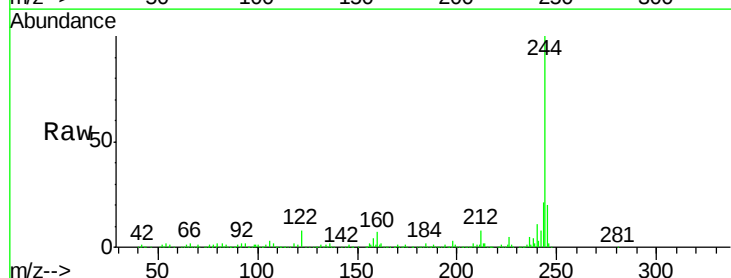
Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

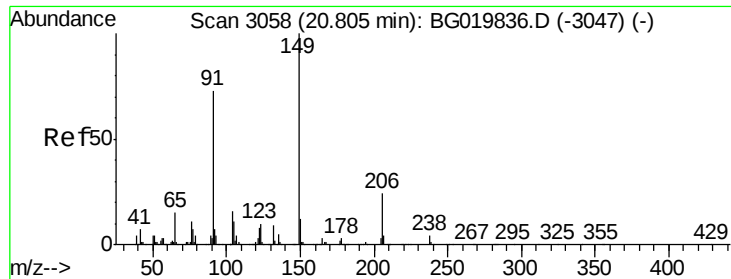
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	19.4	29.0
203	18.2	15.5	23.3



#78
 Terphenyl-d14
 Concen: 79.49 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.03 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	8.0	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 40.17 ng

RT: 20.77 min Scan# 3051

Delta R.T. -0.04 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

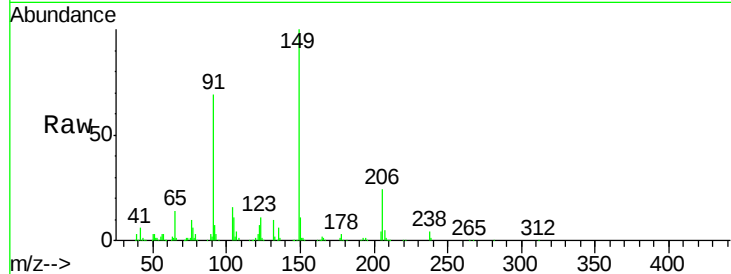
Tgt Ion:149 Resp: 165534

Ion Ratio Lower Upper

149 100

91 68.8 58.1 87.1

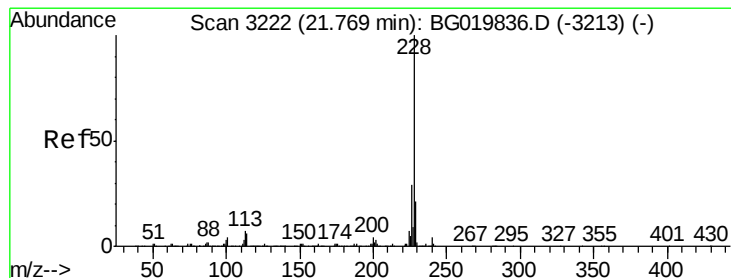
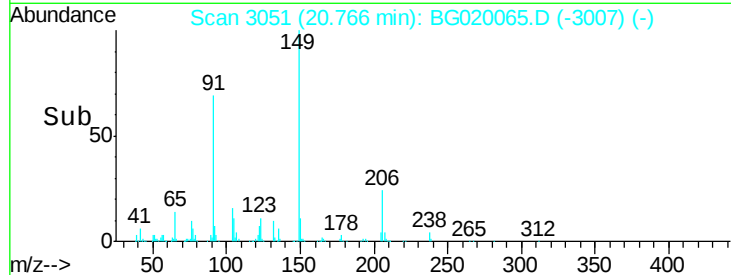
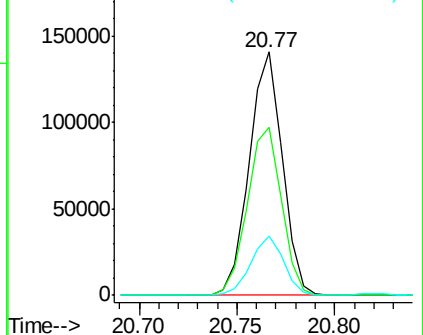
206 24.5 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.96 ng

RT: 21.74 min Scan# 3216

Delta R.T. -0.03 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

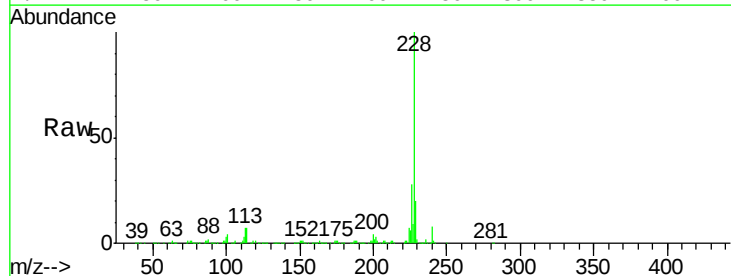
Tgt Ion:228 Resp: 437132

Ion Ratio Lower Upper

228 100

226 28.2 23.4 35.0

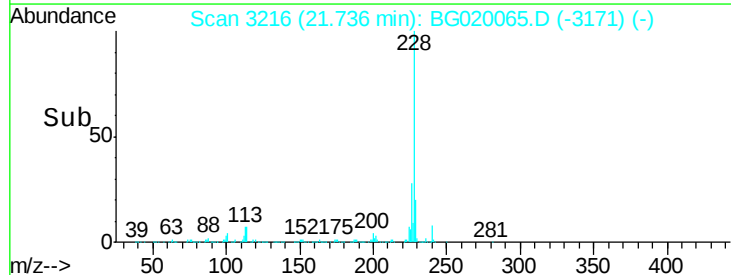
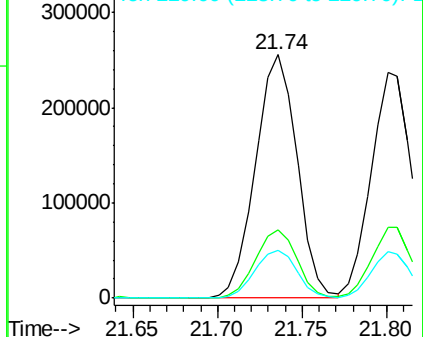
229 19.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

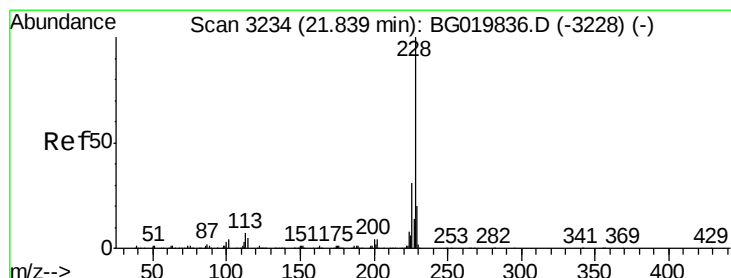
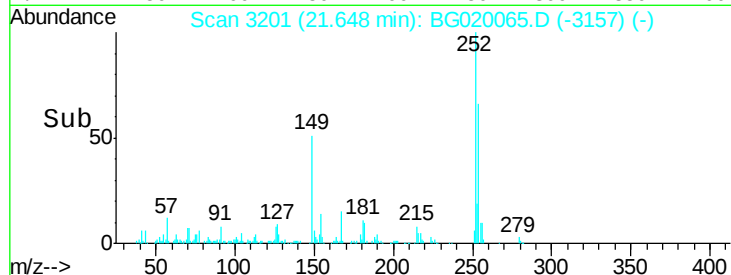
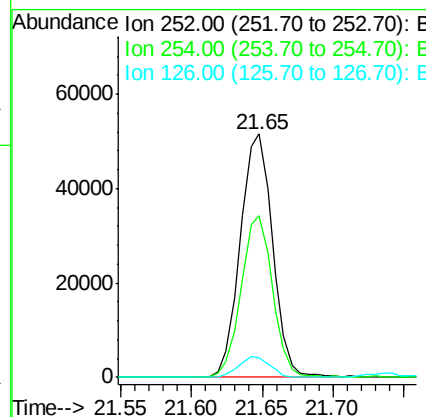
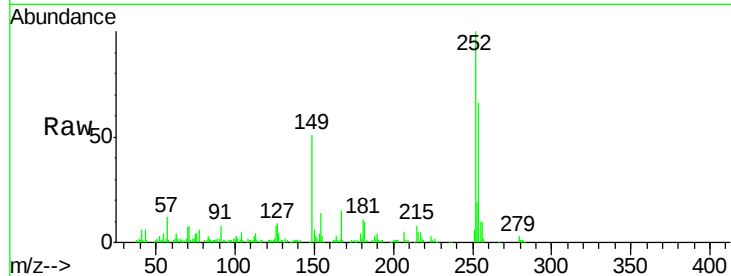




#81
 3,3'-Dichlorobenzidine
 Concen: 19.82 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

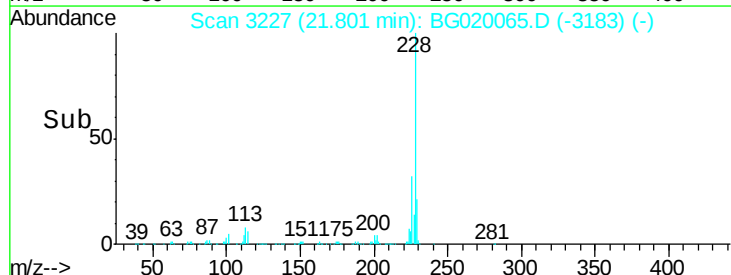
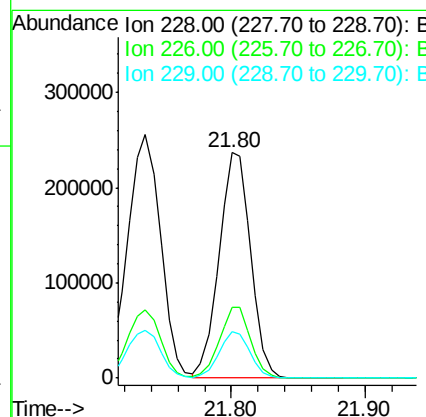
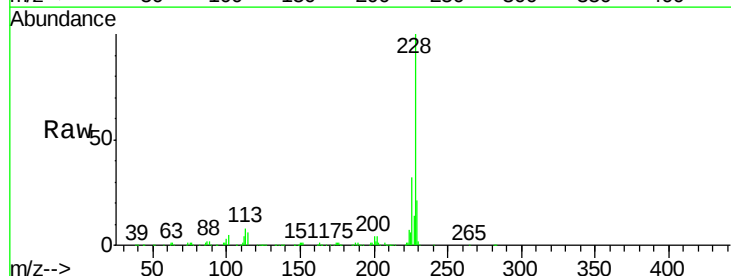
Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

Tgt Ion: 252 Resp: 82556
 Ion Ratio Lower Upper
 252 100
 254 66.2 52.5 78.7
 126 8.2 8.5 12.7#



#82
 Chrysene
 Concen: 37.81 ng
 RT: 21.80 min Scan# 3227
 Delta R.T. -0.04 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Tgt Ion: 228 Resp: 392692
 Ion Ratio Lower Upper
 228 100
 226 31.5 26.7 40.1
 229 20.6 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.17 ng

RT: 21.63 min Scan# 3198

Delta R.T. -0.06 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

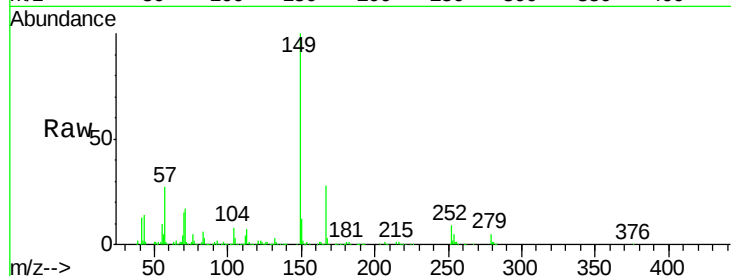
Tgt Ion:149 Resp: 236918

Ion Ratio Lower Upper

149 100

167 27.5 23.8 35.8

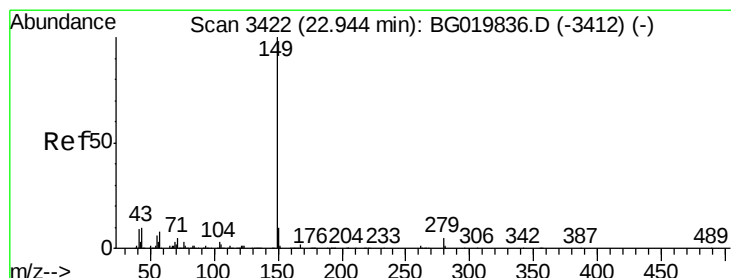
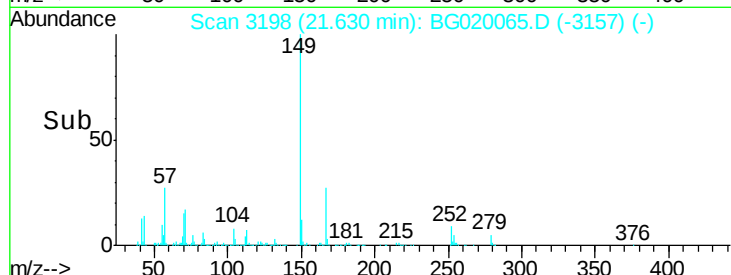
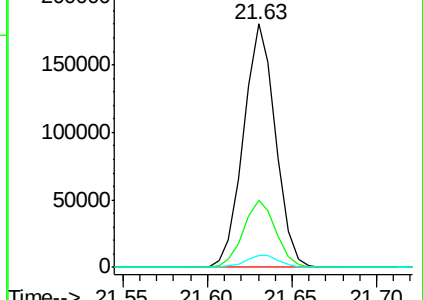
279 4.8 3.4 5.2



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: 41.52 ng

RT: 22.86 min Scan# 3408

Delta R.T. -0.08 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

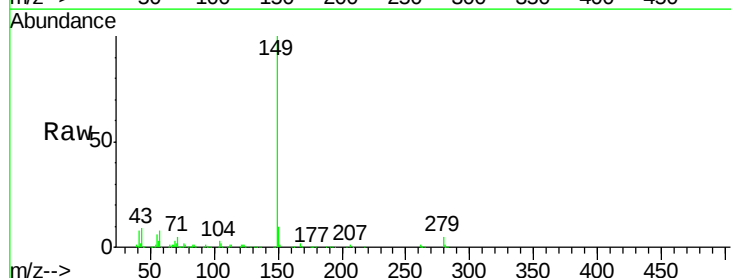
Tgt Ion:149 Resp: 408222

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

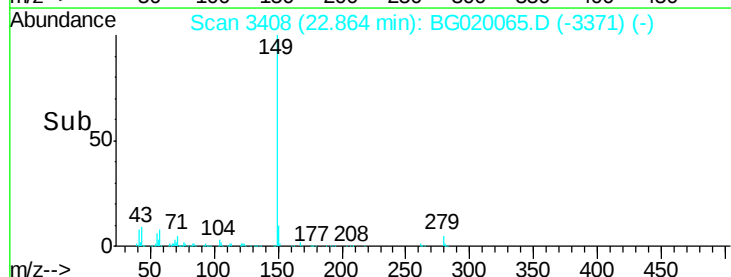
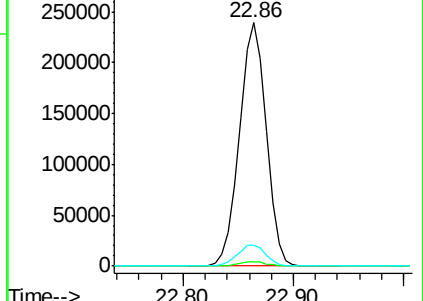
43 9.2 5.9 8.9#

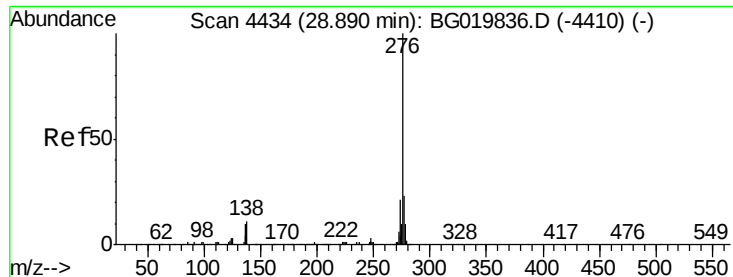


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.12 ng

RT: 28.79 min Scan# 4416

Delta R.T. -0.10 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

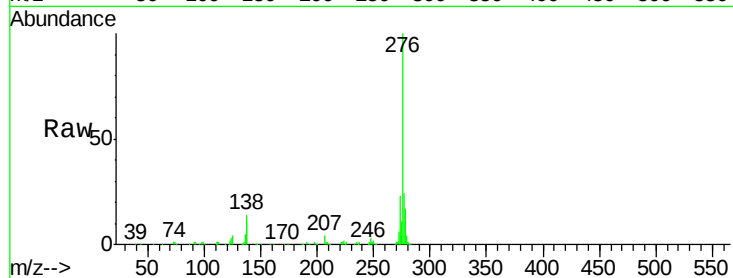
Tgt Ion: 276 Resp: 470547

Ion Ratio Lower Upper

276 100

138 10.2 0.0 0.0#

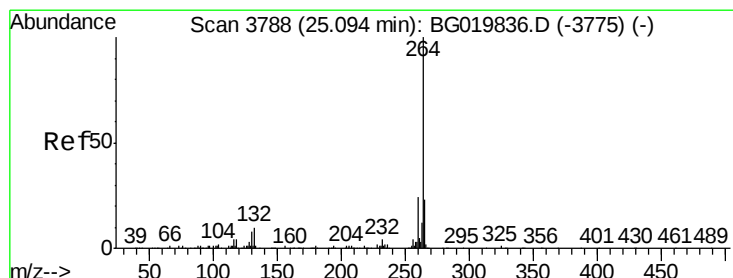
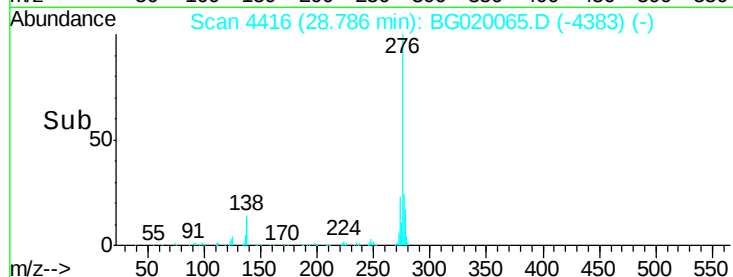
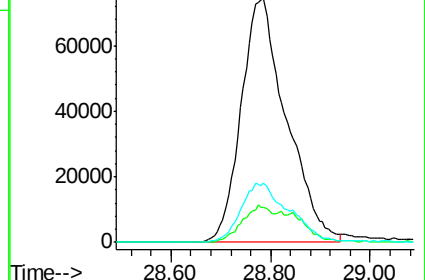
277 25.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

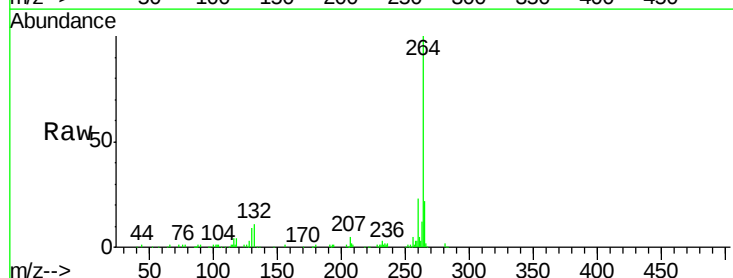
Tgt Ion: 264 Resp: 166491

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

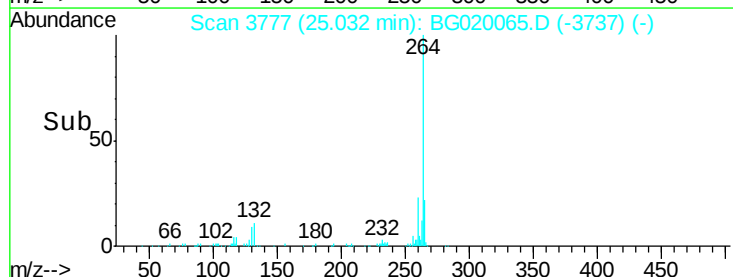
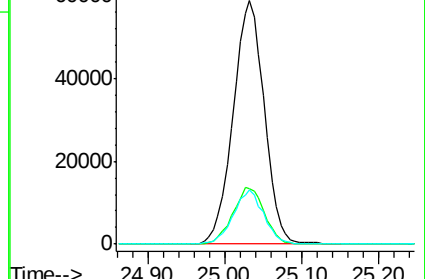
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.36 ng

RT: 23.99 min Scan# 3599

Delta R.T. -0.06 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Instrument :

BNA_M

ClientSampleId :

PB87142BS

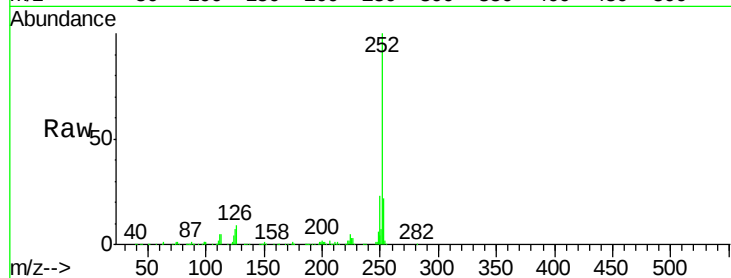
Tgt Ion:252 Resp: 436420

Ion Ratio Lower Upper

252 100

253 21.9 19.1 28.7

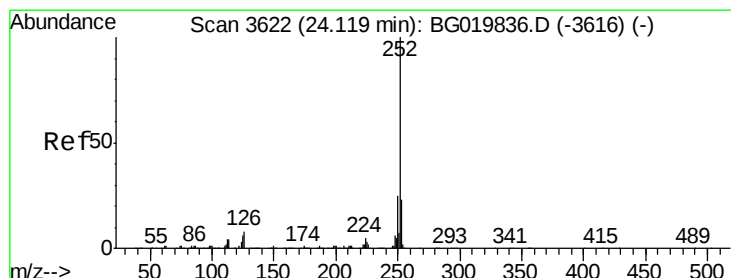
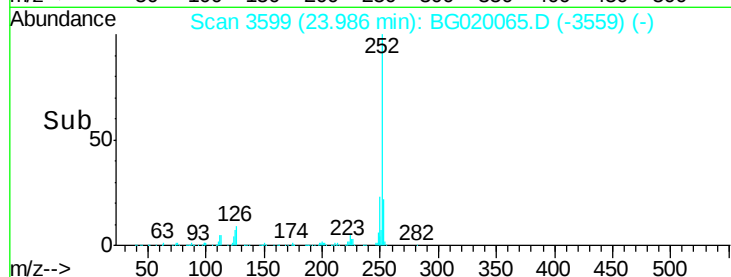
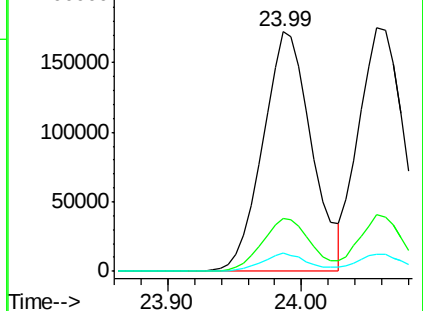
125 7.5 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.67 ng

RT: 24.06 min Scan# 3611

Delta R.T. -0.06 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

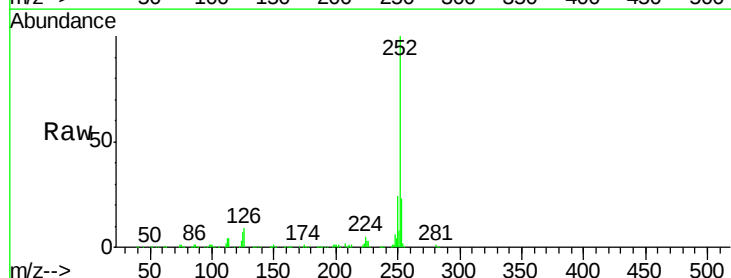
Tgt Ion:252 Resp: 404118

Ion Ratio Lower Upper

252 100

253 23.2 19.0 28.4

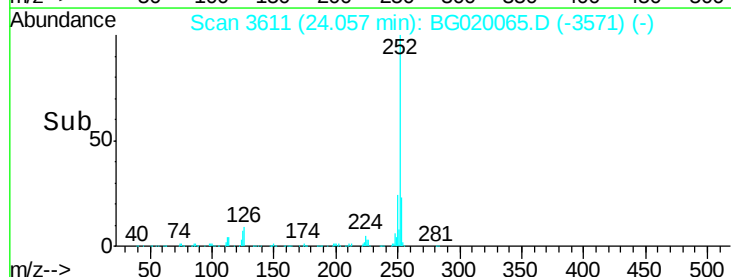
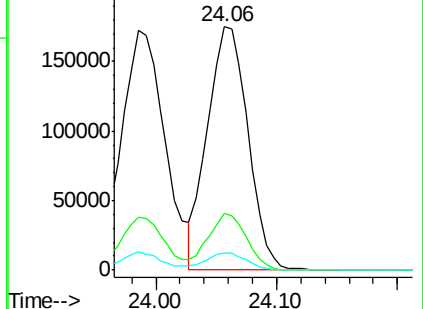
125 7.1 8.9 13.3#

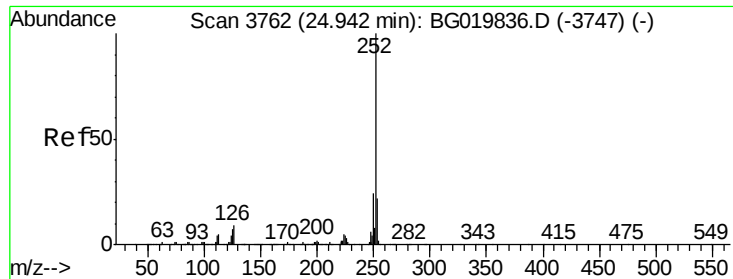


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.92 ng

RT: 24.88 min Scan# 3751

Delta R.T. -0.06 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

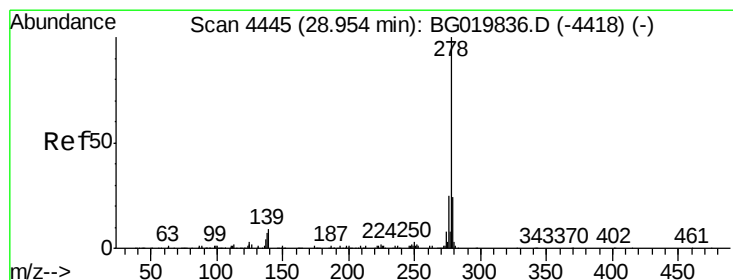
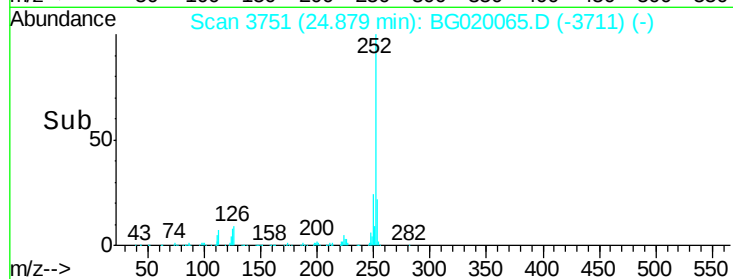
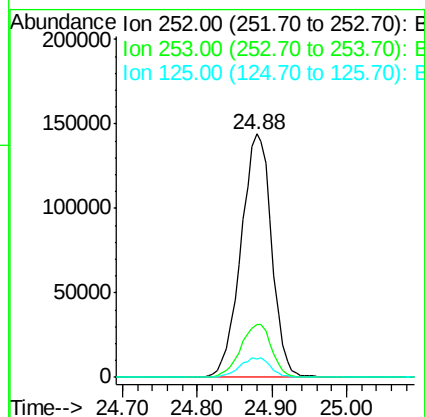
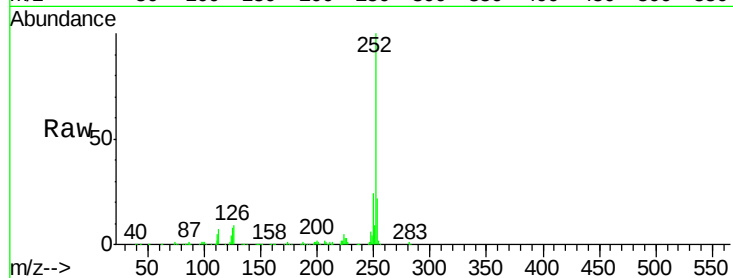
Instrument :

BNA_M

ClientSampleId :

PB87142BS

Tgt Ion:	252	Resp:	409915
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.7	28.1
125	7.5	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 40.05 ng

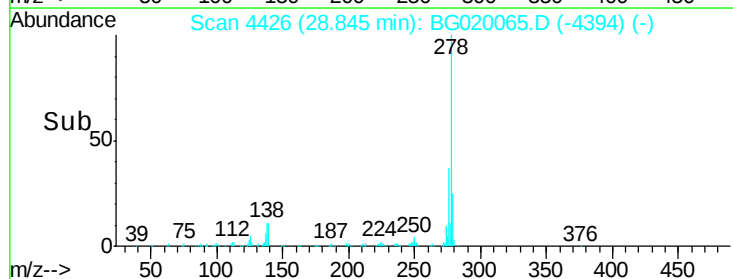
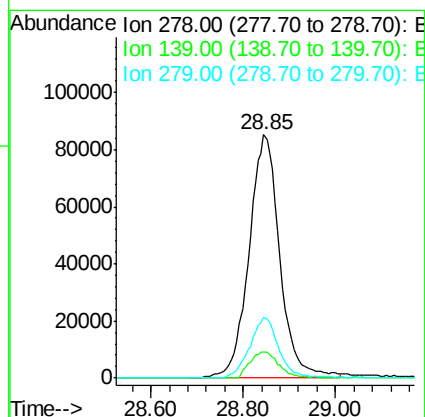
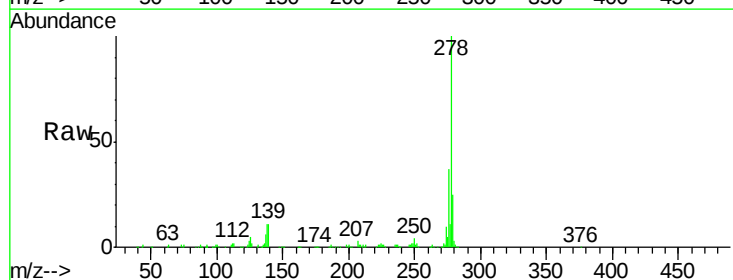
RT: 28.85 min Scan# 4426

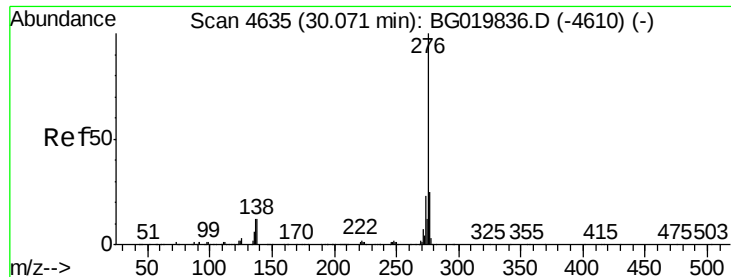
Delta R.T. -0.11 min

Lab File: BG020065.D

Acq: 10 Dec 2015 6:12

Tgt Ion:	278	Resp:	396375
Ion Ratio	Lower	Upper	
278	100		
139	10.7	13.8	20.6#
279	25.0	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 39.85 ng
 RT: 29.95 min Scan# 4614
 Delta R.T. -0.12 min
 Lab File: BG020065.D
 Acq: 10 Dec 2015 6:12

Instrument :
 BNA_M
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	15.0	17.4	26.0

