

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019944.D
 Acq On : 5 Dec 2015 16:21
 Operator : UM/NP
 Sample : PB87048BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Quant Time: Dec 07 01:10:29 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	32350	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	148461	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	104189	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	265343	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	316722	20.00	ng	-0.03
86) Perylene-d12	25.04	264	294340	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	233957	130.71	ng	-0.01
7) Phenol-d6	7.26	99	335902	124.29	ng	-0.01
23) Nitrobenzene-d5	9.28	82	218917	75.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	170198	106.76	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	532004	69.72	ng	-0.02
78) Terphenyl-d14	20.09	244	925384	71.27	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	25357	36.36	ng	# 100
3) Pyridine	3.93	79	83272	39.32	ng	91
4) n-Nitrosodimethylamine	3.84	42	41433	37.20	ng	91
6) Aniline	7.43	93	103967	29.71	ng	# 87
8) 2-Chlorophenol	7.67	128	99438	45.56	ng	93
9) Benzaldehyde	7.24	77	34930	19.38	ng	91
10) Phenol	7.29	94	136286	47.92	ng	83
11) bis(2-Chloroethyl)ether	7.53	93	88945	42.22	ng	88
12) 1,3-Dichlorobenzene	8.00	146	97696	39.49	ng	# 92
13) 1,4-Dichlorobenzene	8.00	146	97696	38.24	ng	94
14) 1,2-Dichlorobenzene	8.47	146	98289	40.33	ng	# 94
15) Benzyl Alcohol	8.35	79	105299	44.40	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	140504	40.90	ng	92
17) 2-Methylphenol	8.55	107	94461	47.04	ng	# 94
18) Hexachloroethane	9.21	117	38264	40.00	ng	92
19) n-Nitroso-di-n-propylamine	8.93	70	84394	39.60	ng	92
20) 3+4-Methylphenols	8.88	107	129574	45.83	ng	95
22) Acetophenone	8.94	105	149855	36.82	ng	# 91
24) Nitrobenzene	9.32	77	128250	40.64	ng	91
25) Isophorone	9.85	82	227029	36.40	ng	# 96
26) 2-Nitrophenol	10.04	139	55076	45.19	ng	# 70
27) 2,4-Dimethylphenol	10.09	122	105242	41.47	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	128234	42.08	ng	100
29) 2,4-Dichlorophenol	10.58	162	113393	43.74	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	109614	37.41	ng	95
31) Naphthalene	10.99	128	313761	39.45	ng	99
32) Benzoic acid	10.22	122	76244	45.01	ng	83
33) 4-Chloroaniline	11.09	127	59724	17.04	ng	# 92
34) Hexachlorobutadiene	11.27	225	77665	35.93	ng	95
35) Caprolactam	11.87	113	27113	28.09	ng	87
36) 4-Chloro-3-methylphenol	12.20	107	133840	41.45	ng	95
37) 2-Methylnaphthalene	12.59	142	240674	41.29	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	146360	37.02	ng	97
40) Hexachlorocyclopentadiene	12.93	237	169193	75.05	ng	97

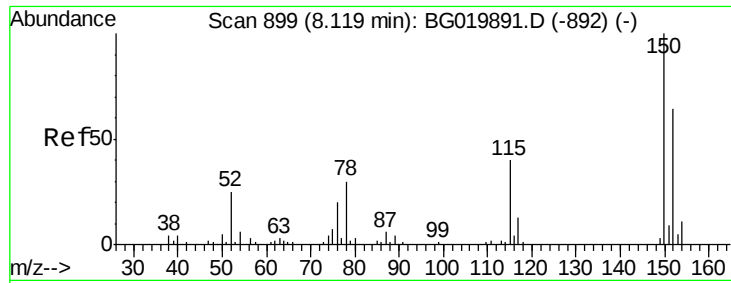
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	105770	40.41	ng	95
43) 2,4,5-Trichlorophenol	13.25	196	118664	42.89	ng	96
45) 1,1'-Biphenyl	13.58	154	317806	37.17	ng	99
46) 2-Chloronaphthalene	13.63	162	257397	39.05	ng	94
47) 2-Nitroaniline	13.82	65	96485	46.35	ng	88
48) Acenaphthylene	14.47	152	431291	38.42	ng	99
49) Dimethylphthalate	14.20	163	356324	38.02	ng	98
50) 2,6-Dinitrotoluene	14.31	165	78175	44.37	ng	# 72
51) Acenaphthene	14.81	154	263011	38.61	ng	99
52) 3-Nitroaniline	14.64	138	58349	31.87	ng	92
53) 2,4-Dinitrophenol	14.85	184	82744	87.29	ng	94
54) Dibenzofuran	15.14	168	433734	42.80	ng	93
55) 4-Nitrophenol	14.94	139	133159	83.52	ng	# 63
56) 2,4-Dinitrotoluene	15.09	165	112583	45.79	ng	# 87
57) Fluorene	15.79	166	349047	38.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	115615	45.15	ng	97
59) Diethylphthalate	15.56	149	371627	36.64	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	190888	36.65	ng	96
61) 4-Nitroaniline	15.81	138	86018	41.78	ng	# 77
62) Azobenzene	16.08	77	353540	41.89	ng	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	65779	44.62	ng	96
65) n-Nitrosodiphenylamine	15.99	169	318076	41.42	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	128096	38.85	ng	97
67) Hexachlorobenzene	16.79	284	137790	40.12	ng	95
68) Atrazine	16.94	200	133012	39.87	ng	95
69) Pentachlorophenol	17.13	266	177677	88.63	ng	96
70) Phenanthrene	17.53	178	605550	40.34	ng	97
71) Anthracene	17.62	178	612159	40.03	ng	96
72) Carbazole	17.89	167	545726	40.51	ng	97
73) Di-n-butylphthalate	18.44	149	652793	39.54	ng	98
74) Fluoranthene	19.53	202	745273	38.81	ng	95
76) Benzidine	19.71	184	244088	23.46	ng	97
77) Pyrene	19.89	202	774379	41.56	ng	97
79) Butylbenzylphthalate	20.78	149	297923	40.79	ng	97
80) Benzo(a)anthracene	21.74	228	775066	39.98	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	183162	24.81	ng	98
82) Chrysene	21.81	228	709356	38.54	ng	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	434378	40.53	ng	97
84) Di-n-octyl phthalate	22.89	149	737132	42.30	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.79	276	869861	42.90	ng	# 100
87) Benzo(b)fluoranthene	24.00	252	757736	40.62	ng	# 95
88) Benzo(k)fluoranthene	24.07	252	737737	39.93	ng	# 95
89) Benzo(a)pyrene	24.89	252	737224	41.63	ng	# 95
90) Dibenzo(a,h)anthracene	28.87	278	715356	40.88	ng	# 94
91) Benzo(g,h,i)perylene	29.97	276	718262	41.80	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

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PB87048BS

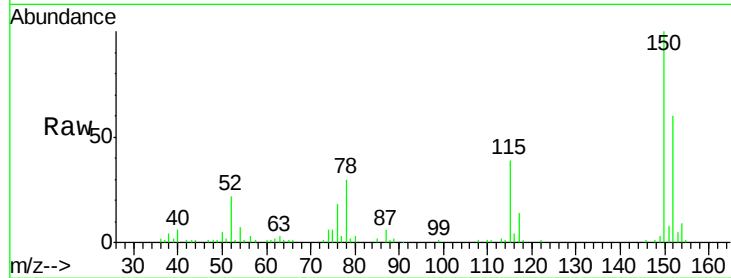
Tgt Ion:152 Resp: 32350

Ion Ratio Lower Upper

152 100

150 165.8 115.0 172.4

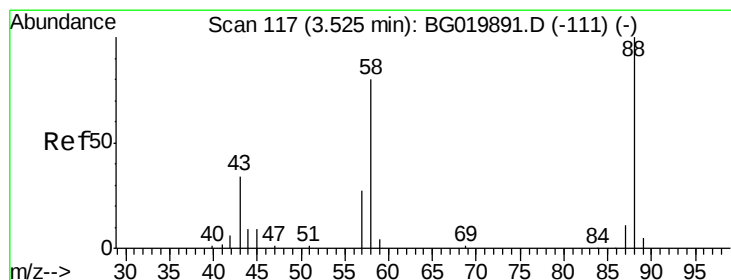
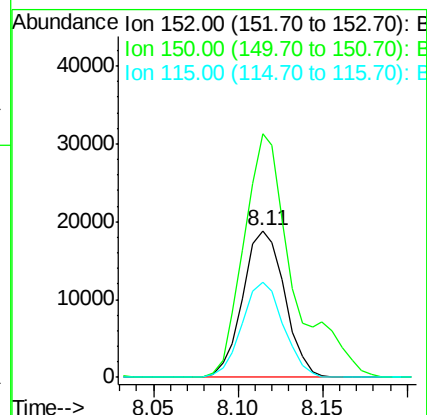
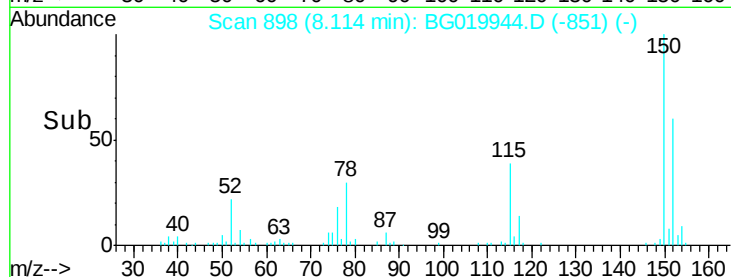
115 64.7 43.9 65.9



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: 36.36 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

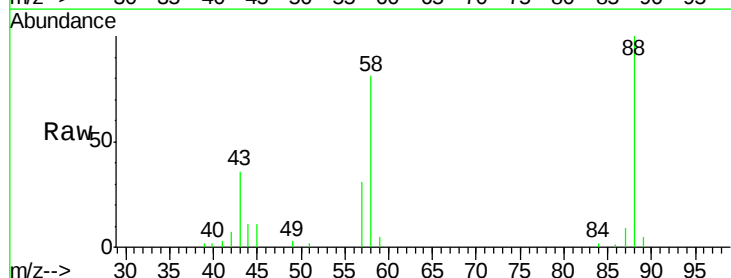
Tgt Ion: 88 Resp: 25357

Ion Ratio Lower Upper

88 100

58 83.3 0.0 0.0#

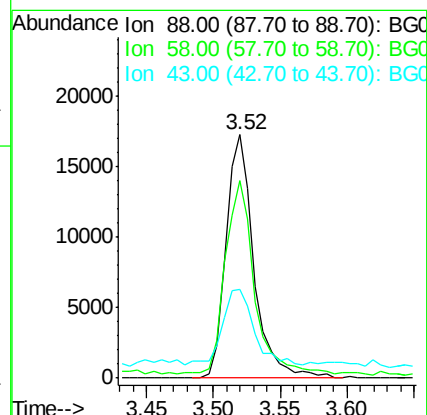
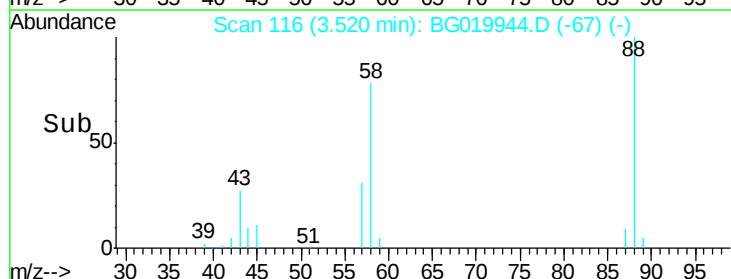
43 34.9 0.0 0.0#

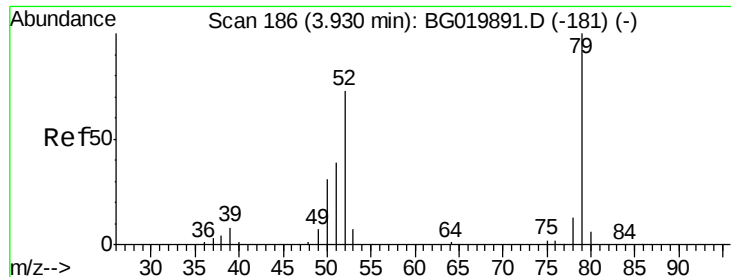


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 39.32 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

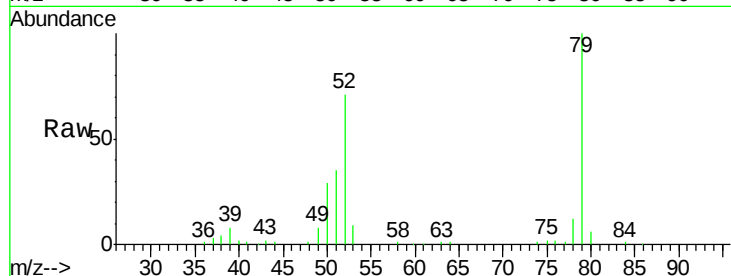
Tgt Ion: 79 Resp: 83272

Ion Ratio Lower Upper

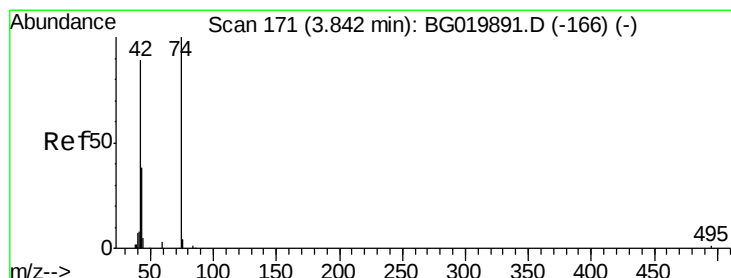
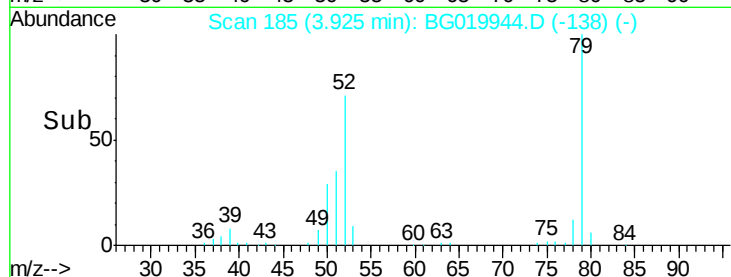
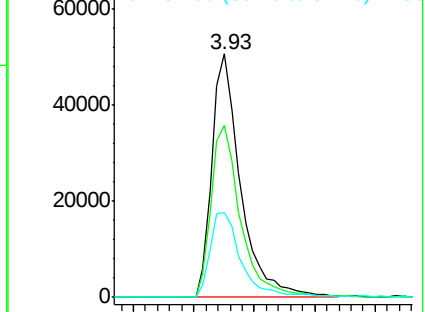
79 100

52 70.5 50.3 75.5

51 35.1 24.8 37.2



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



#4

n-Nitrosodimethylamine

Concen: 37.20 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

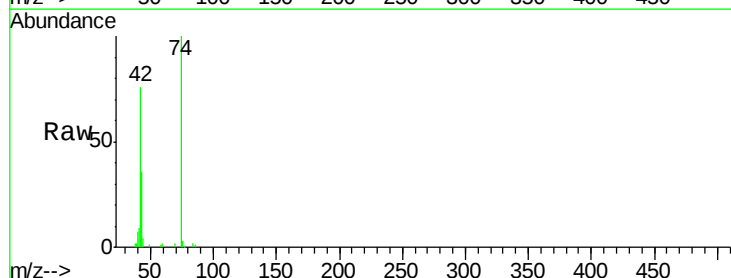
Tgt Ion: 42 Resp: 41433

Ion Ratio Lower Upper

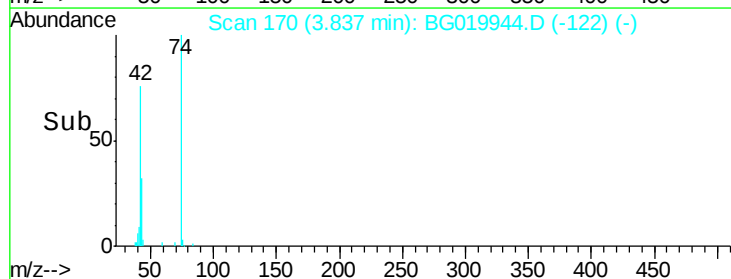
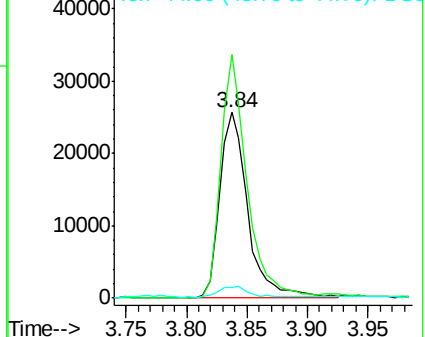
42 100

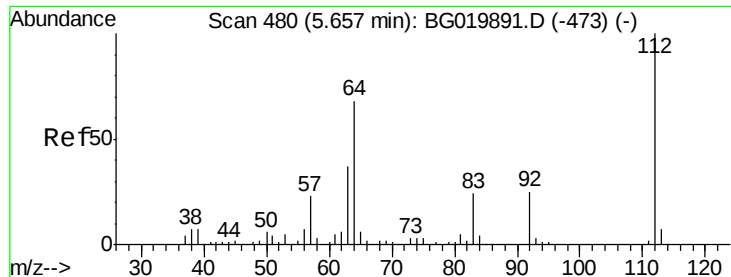
74 131.2 113.9 170.9

44 5.9 5.7 8.5



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





#5

2-Fluorophenol

Concen: 130.71 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

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ClientSampleId :

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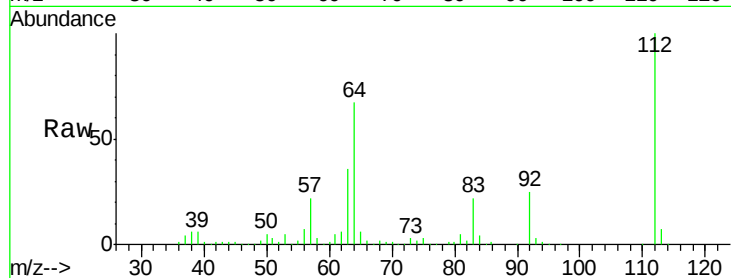
Tgt Ion: 112 Resp: 233957

Ion Ratio Lower Upper

112 100

64 67.4 43.7 65.5#

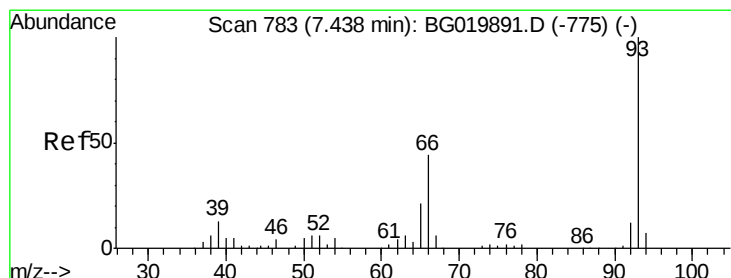
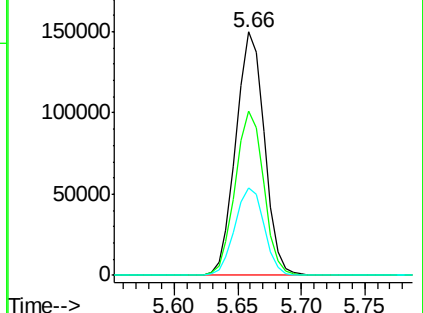
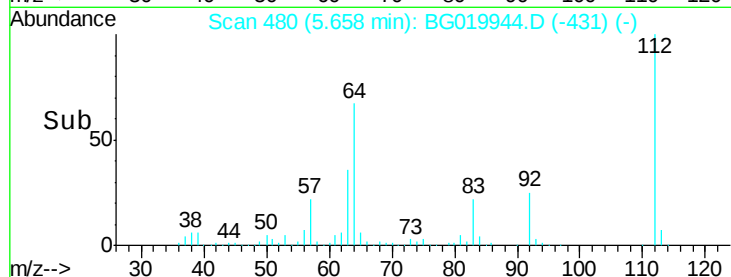
63 36.1 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.71 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

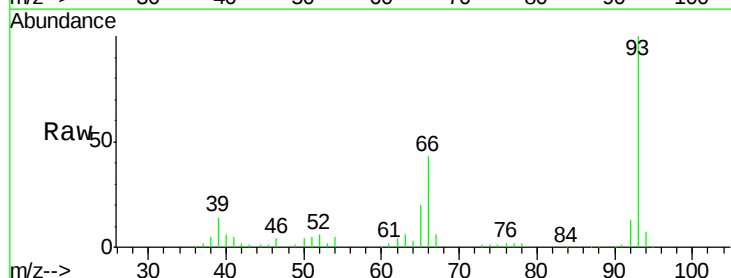
Tgt Ion: 93 Resp: 103967

Ion Ratio Lower Upper

93 100

66 42.5 26.2 39.2#

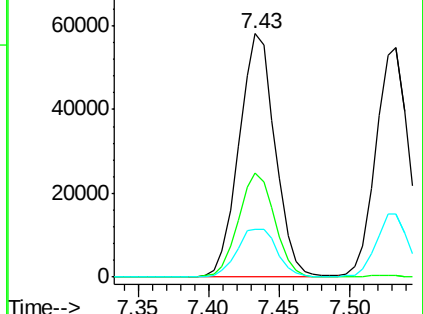
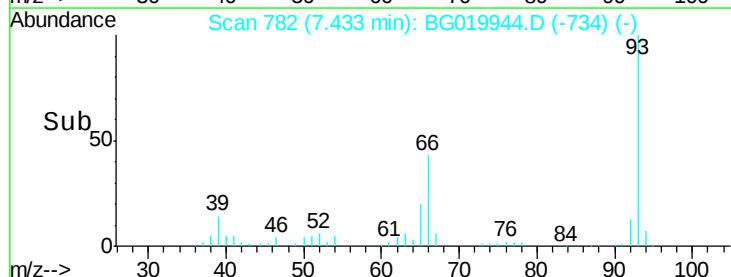
65 19.6 14.0 21.0

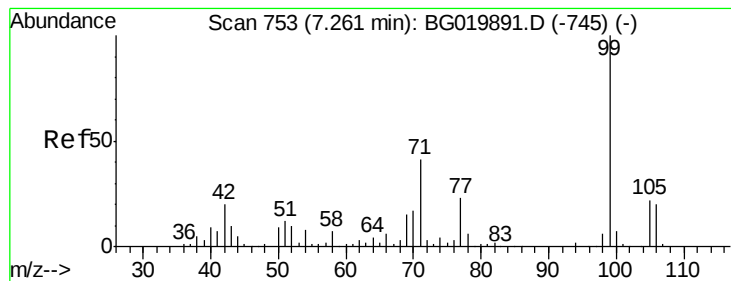


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.29 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019944.D

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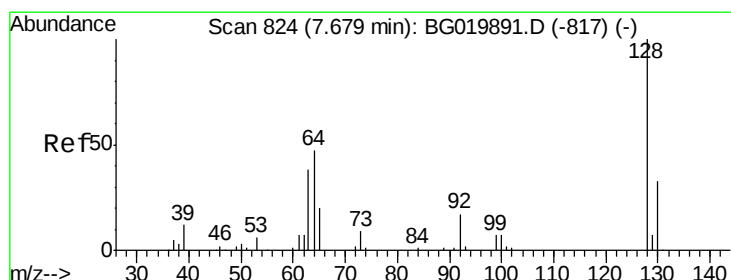
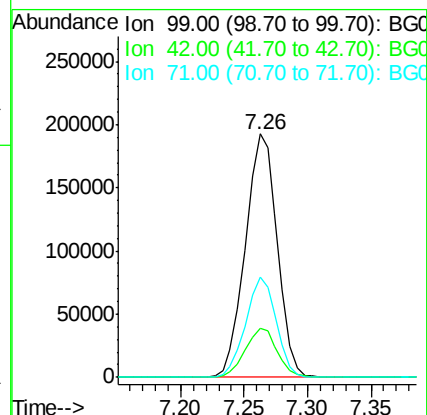
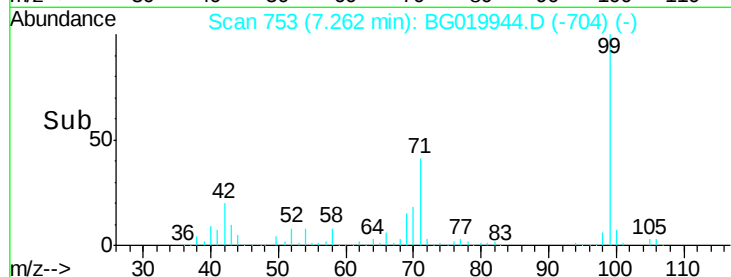
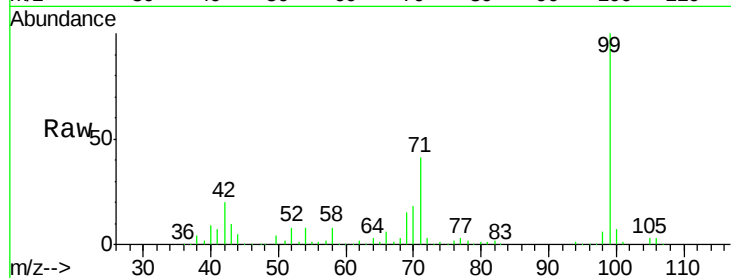
Tgt Ion: 99 Resp: 335902

Ion Ratio Lower Upper

99 100

42 20.4 11.5 17.3#

71 40.9 22.6 34.0#



#8

2-Chlorophenol

Concen: 45.56 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

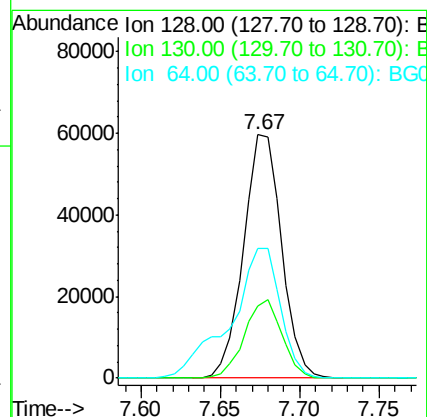
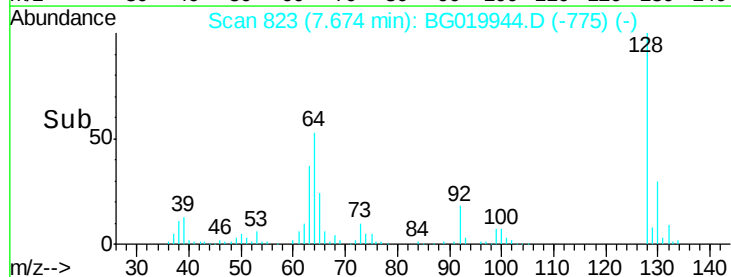
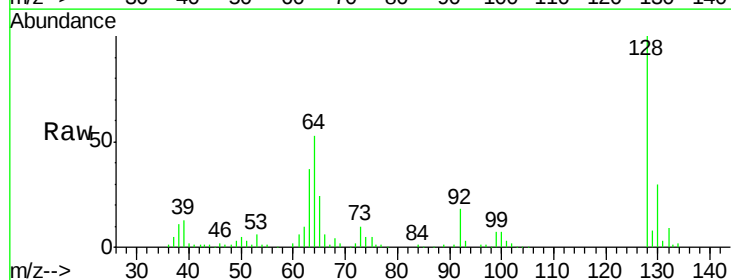
Tgt Ion: 128 Resp: 99438

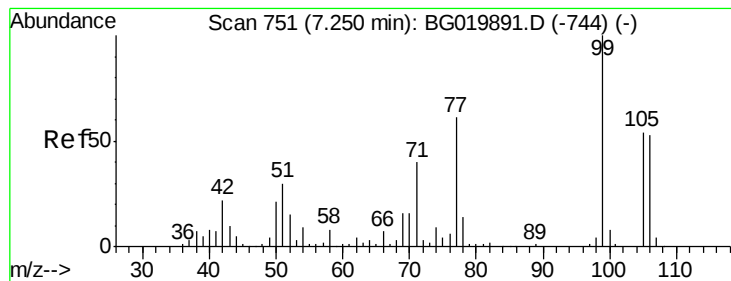
Ion Ratio Lower Upper

128 100

130 29.9 13.0 53.0

64 53.2 28.2 68.2





#9

Benzaldehyde

Concen: 19.38 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

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PB87048BS

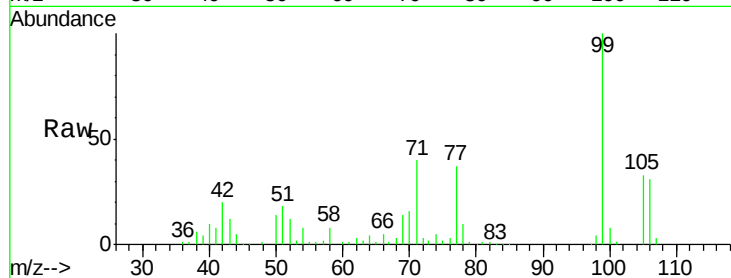
Tgt Ion: 77 Resp: 34930

Ion Ratio Lower Upper

77 100

105 90.8 77.7 117.7

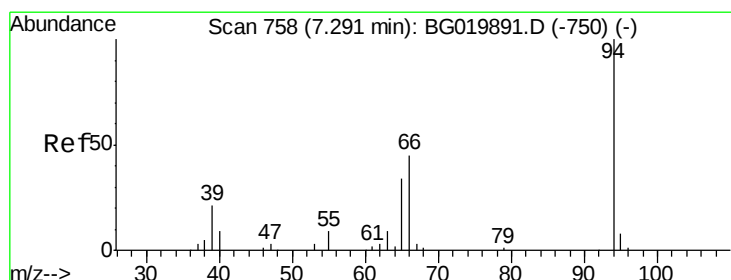
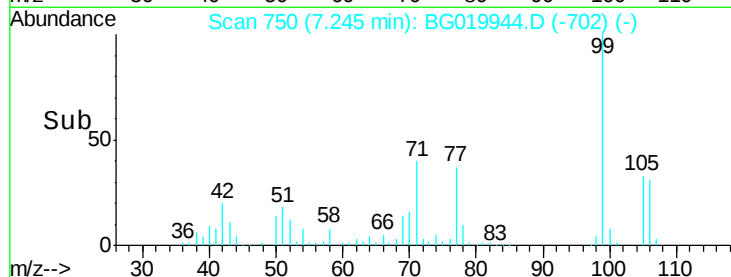
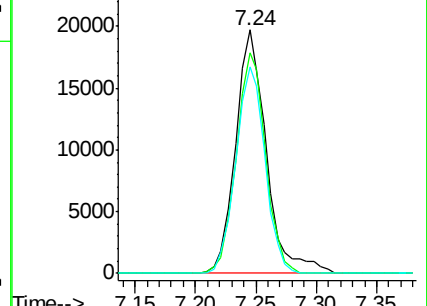
106 85.0 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.92 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

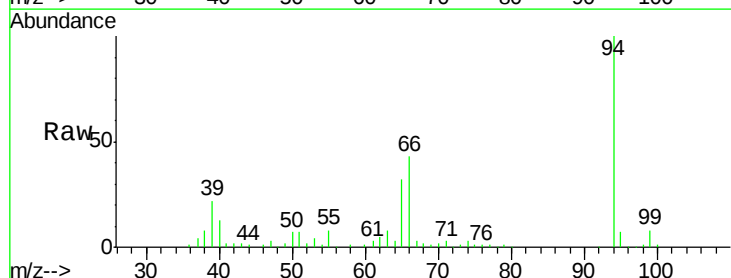
Tgt Ion: 94 Resp: 136286

Ion Ratio Lower Upper

94 100

65 32.2 5.4 45.4

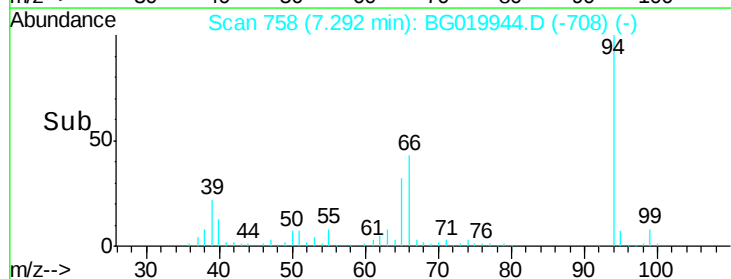
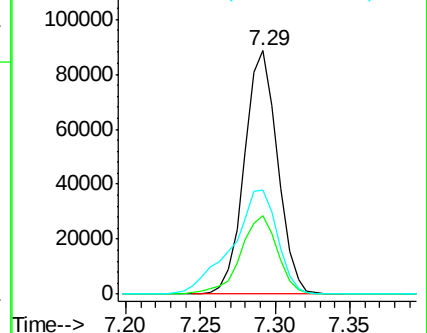
66 43.0 11.8 51.8

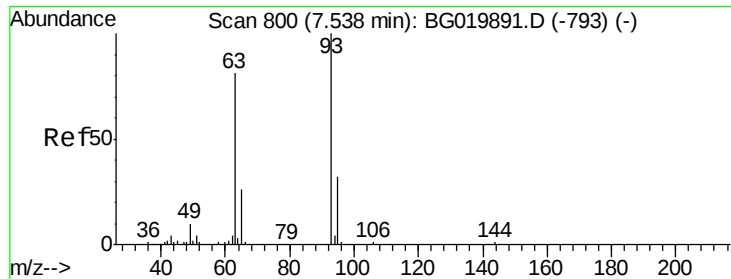


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

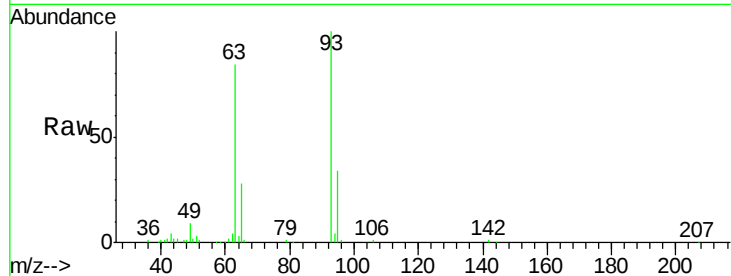




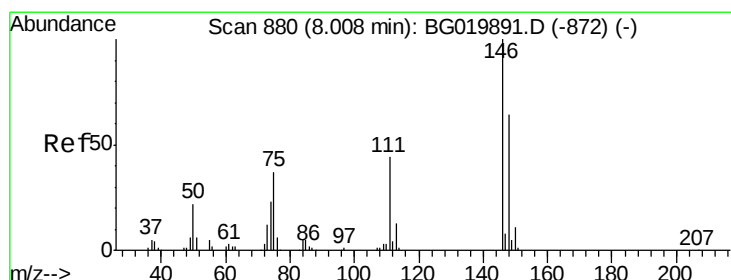
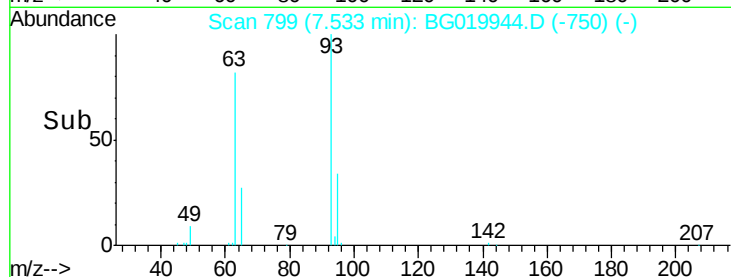
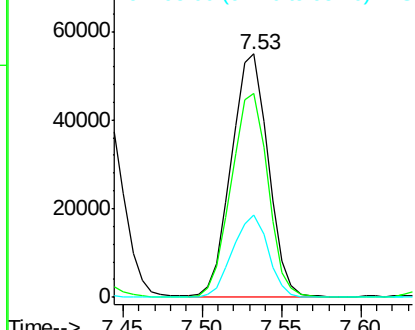
#11
bis(2-Chloroethyl)ether
Concen: 42.22 ng
RT: 7.53 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion: 93 Resp: 88945
Ion Ratio Lower Upper
93 100
63 83.9 50.5 90.5
95 34.1 12.2 52.2

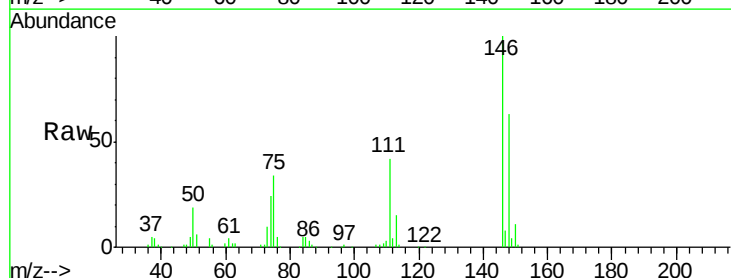


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

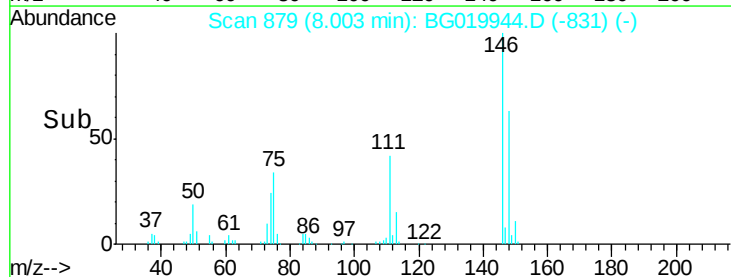
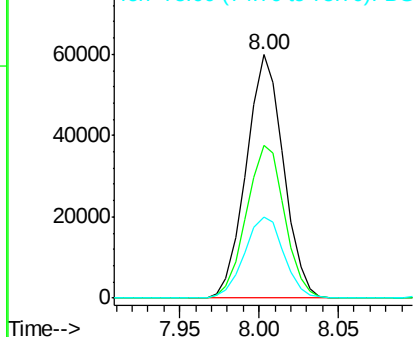


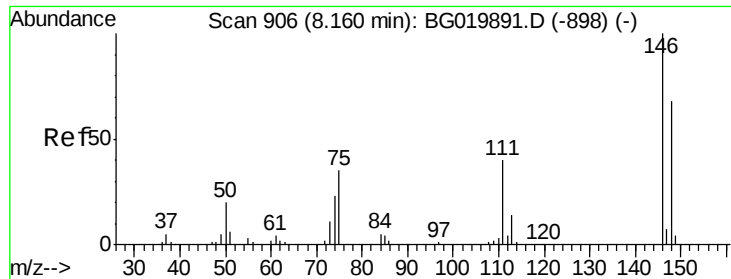
#12
1,3-Dichlorobenzene
Concen: 39.49 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion: 146 Resp: 97696
Ion Ratio Lower Upper
146 100
148 62.6 53.4 80.0
75 33.5 21.1 31.7#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

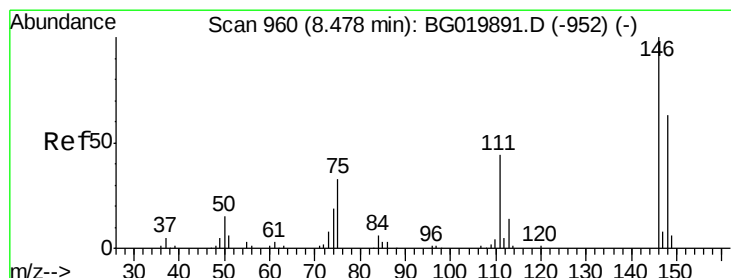
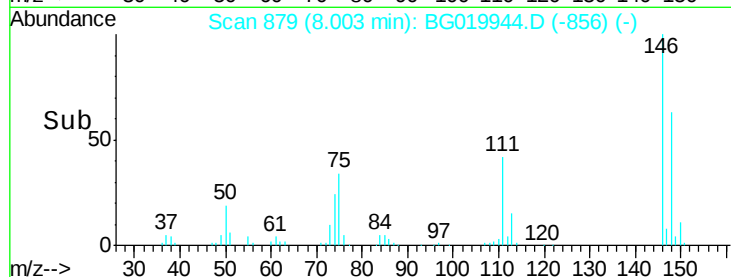
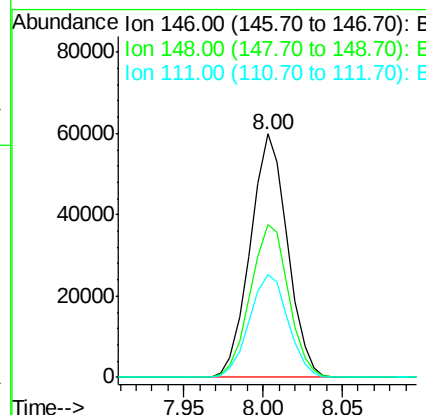
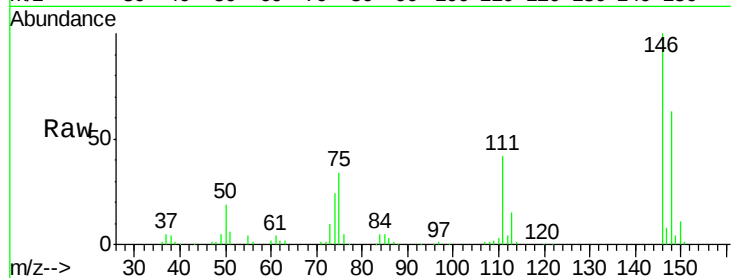




#13
 1,4-Dichlorobenzene
 Concen: 38.24 ng
 RT: 8.00 min Scan# 879
 Delta R.T. -0.16 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

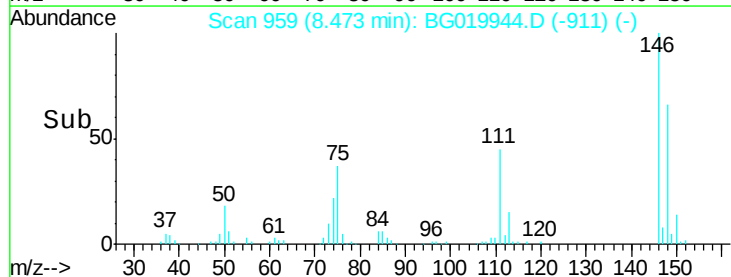
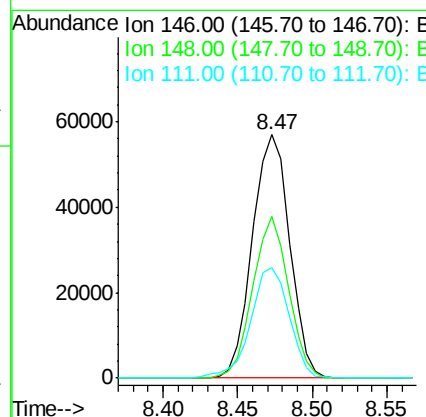
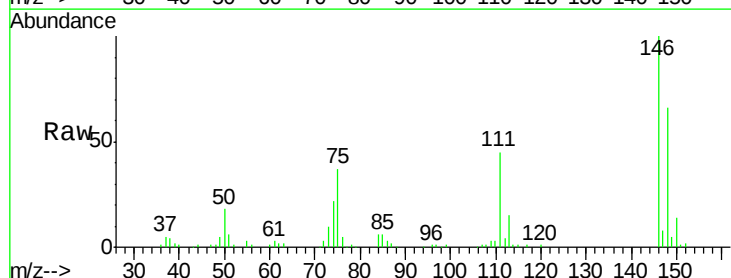
Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

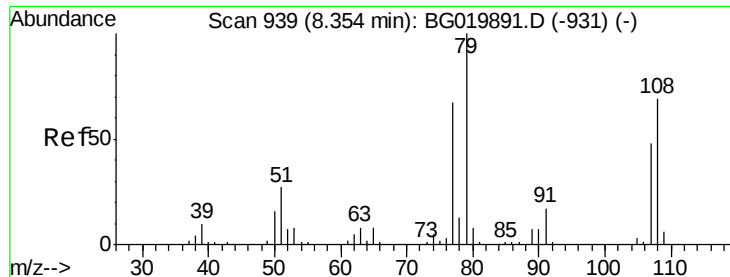
Tgt Ion:146 Resp: 97696
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.5 78.7
 111 42.0 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 40.33 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion:146 Resp: 98289
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.5 78.7
 111 45.5 29.9 44.9#





#15

Benzyl Alcohol

Concen: 44.40 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

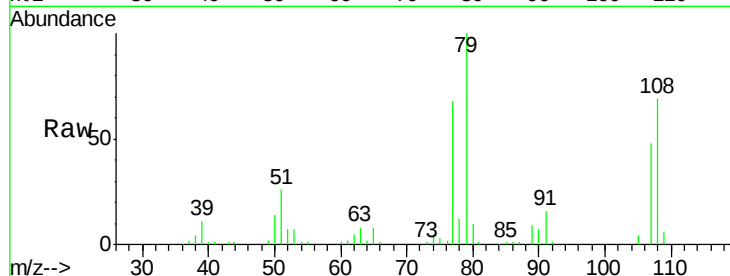
Tgt Ion: 79 Resp: 105299

Ion Ratio Lower Upper

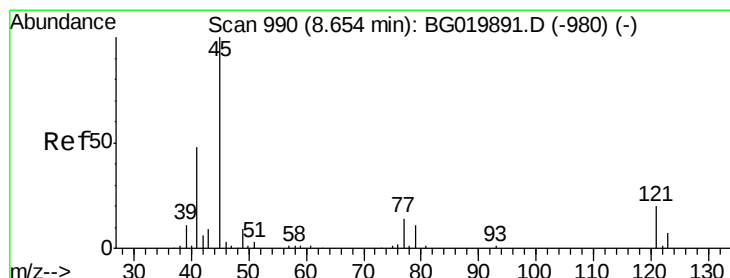
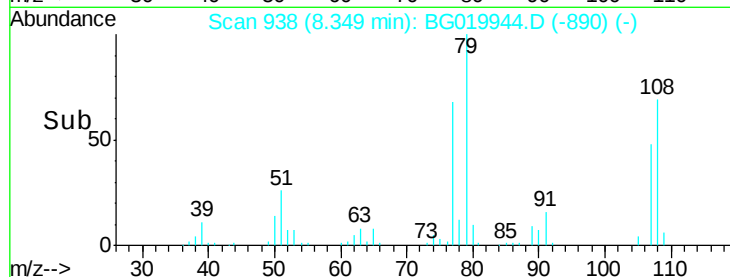
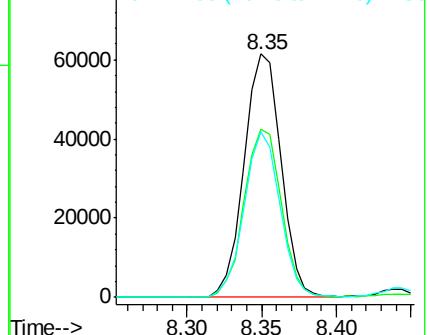
79 100

108 68.9 65.5 98.3

77 68.2 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.90 ng

RT: 8.65 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

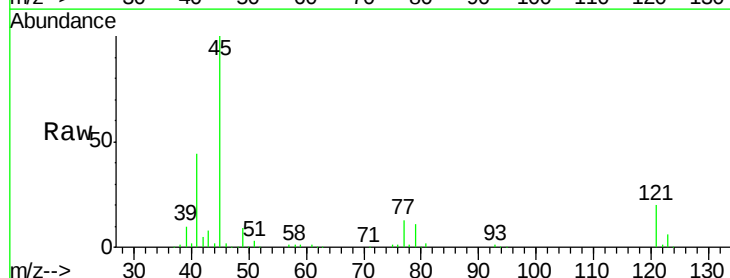
Tgt Ion: 45 Resp: 140504

Ion Ratio Lower Upper

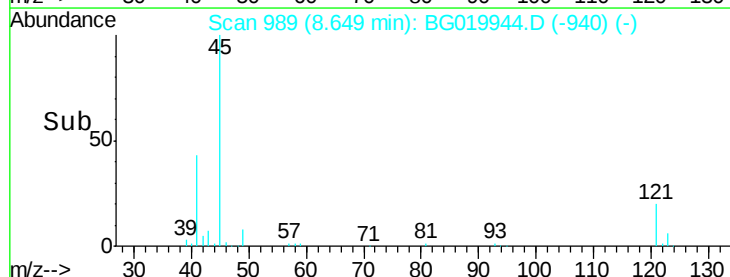
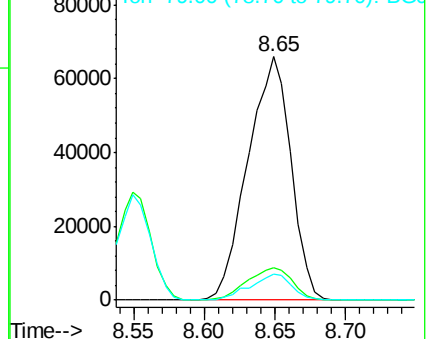
45 100

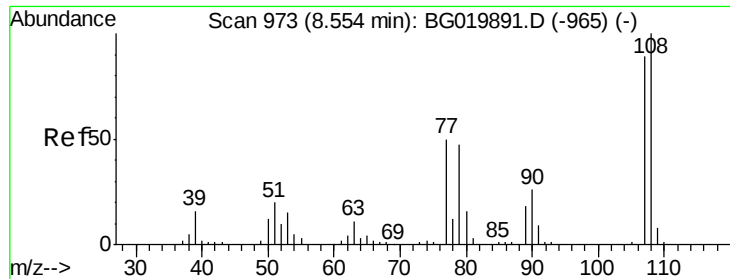
77 13.5 0.0 37.0

79 10.5 0.0 33.8



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

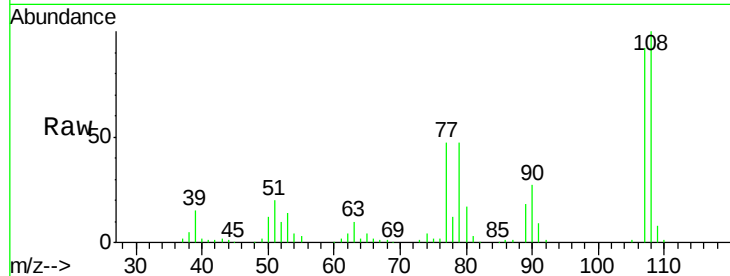




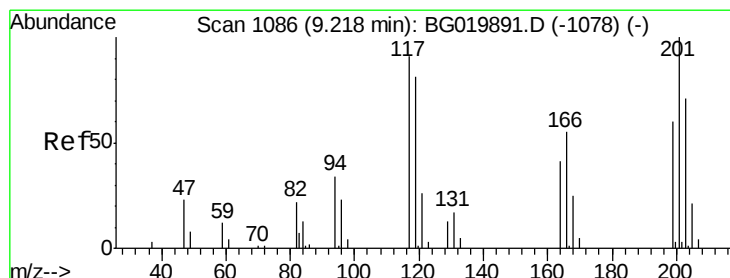
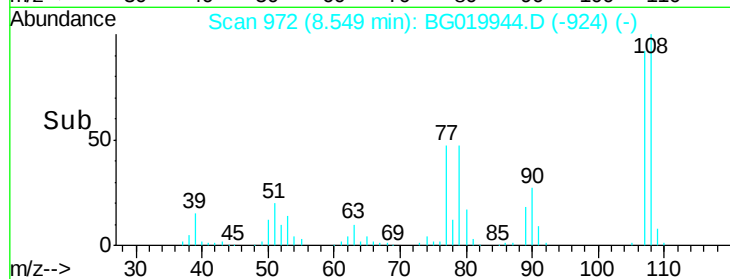
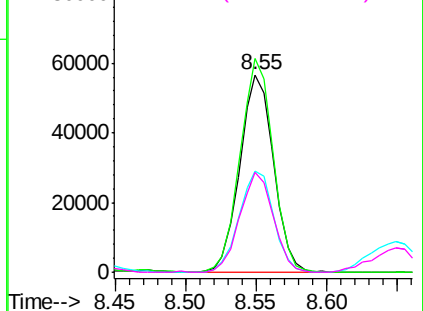
#17
2-Methylphenol
Concen: 47.04 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion:107 Resp: 94461
Ion Ratio Lower Upper
107 100
108 108.3 86.5 129.7
77 51.4 34.6 51.8
79 50.6 32.3 48.5#

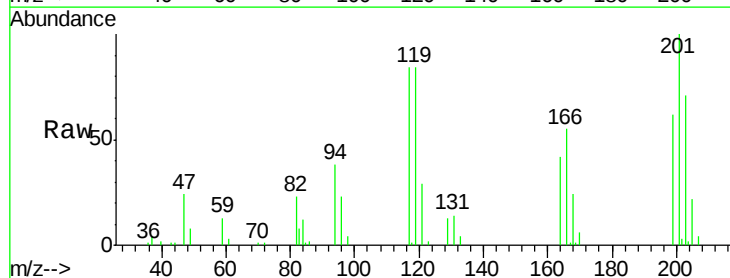


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

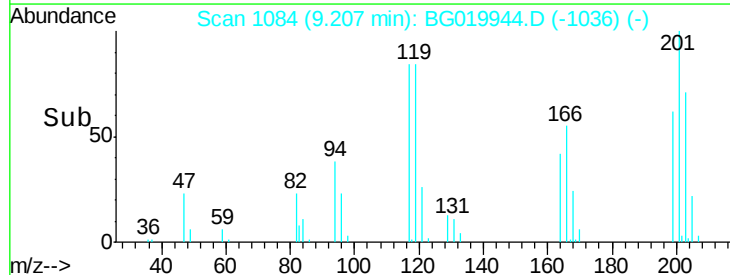
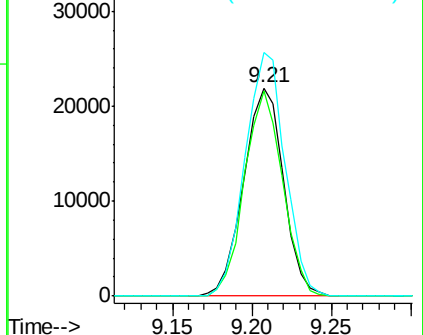


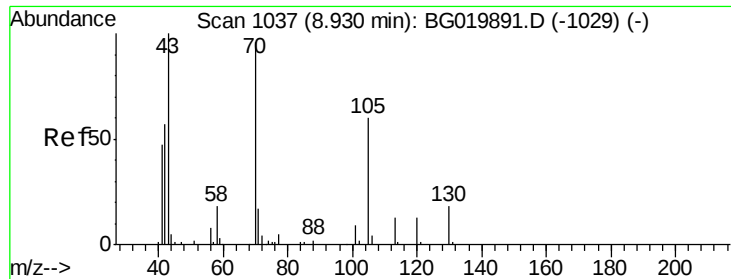
#18
Hexachloroethane
Concen: 40.00 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:117 Resp: 38264
Ion Ratio Lower Upper
117 100
119 98.8 71.7 107.5
201 120.3 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

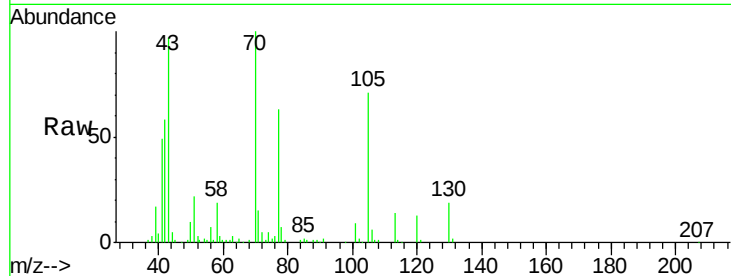




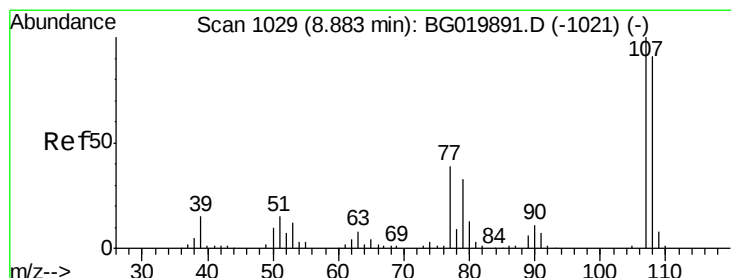
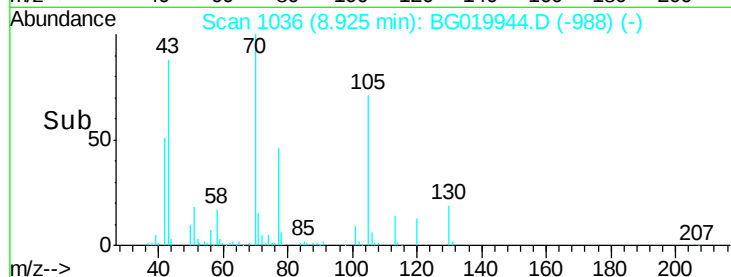
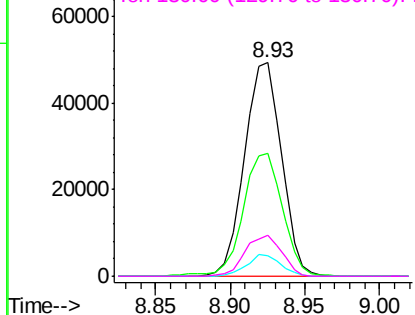
#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion: 70 Resp: 84394
Ion Ratio Lower Upper
70 100
42 57.8 40.6 60.8
101 9.5 8.6 13.0
130 19.0 17.0 25.6

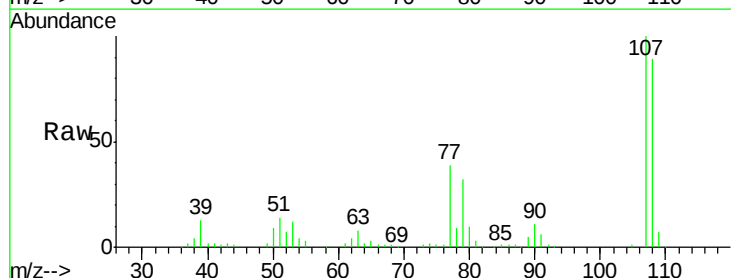


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

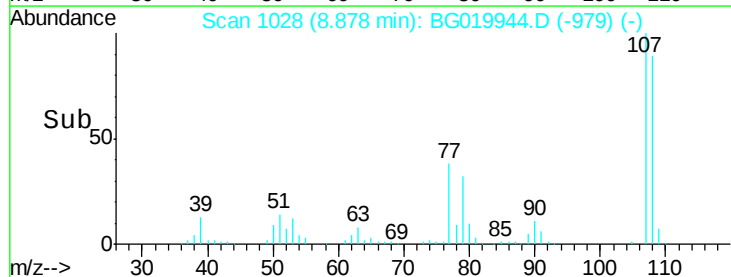
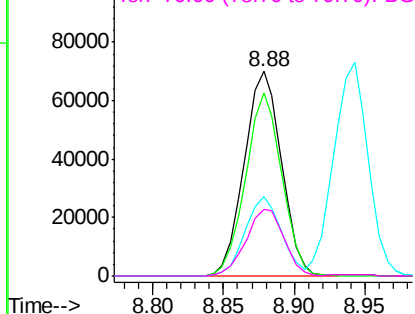


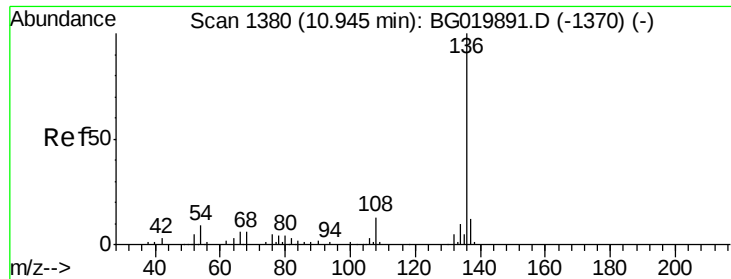
#20
3+4-Methylphenols
Concen: 45.83 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion: 107 Resp: 129574
Ion Ratio Lower Upper
107 100
108 89.5 72.2 112.2
77 38.6 13.4 53.4
79 32.4 7.2 47.2



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

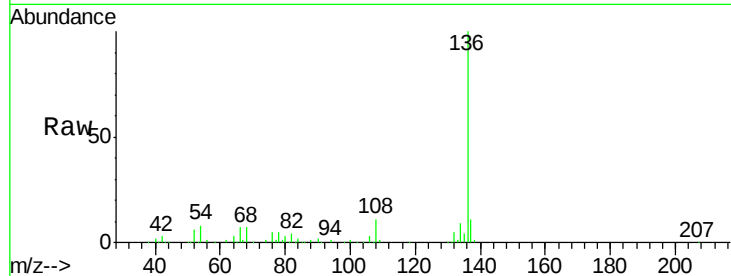




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion:	136	Resp:	148461
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	12.8
54	8.4	5.4	8.2#
68	6.6	5.3	7.9



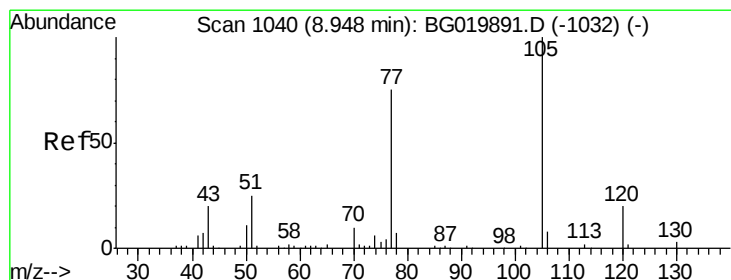
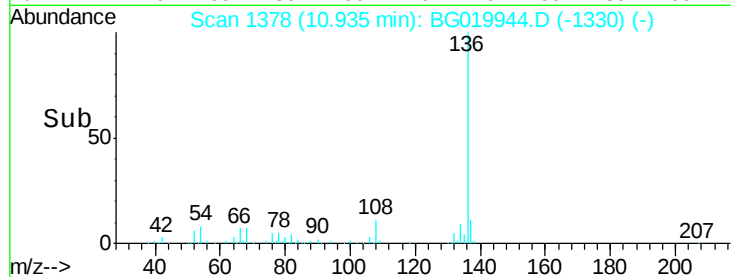
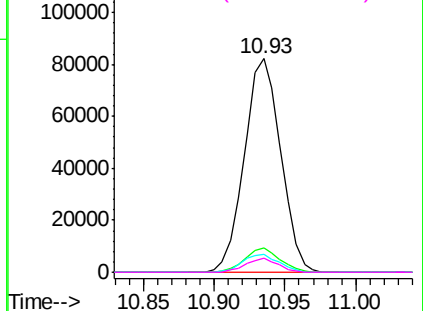
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

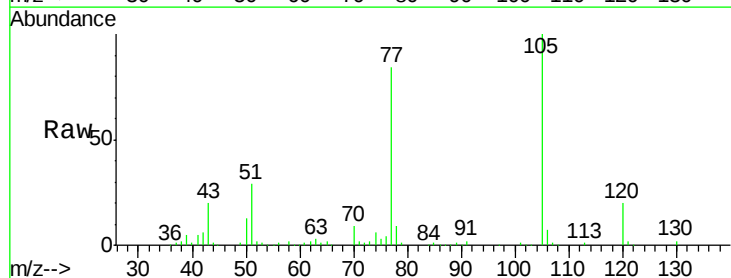
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.82 ng
RT: 8.94 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:	105	Resp:	149855
Ion Ratio	Lower	Upper	
105	100		
71	1.8	2.1	3.1#
51	28.8	17.8	26.8#
120	19.9	17.7	26.5



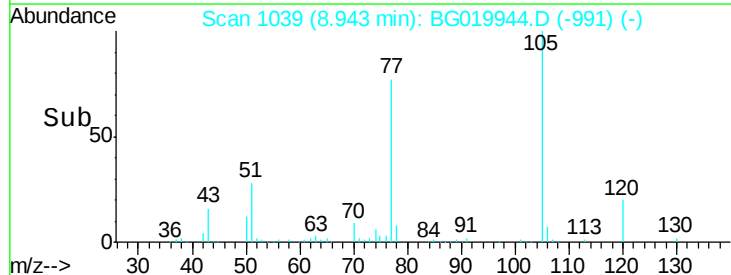
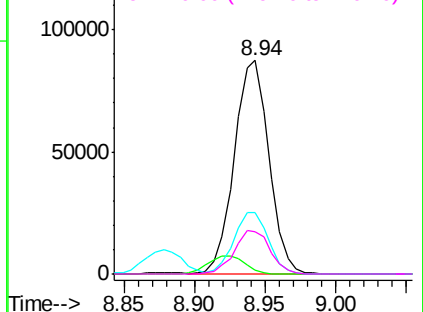
Abundance

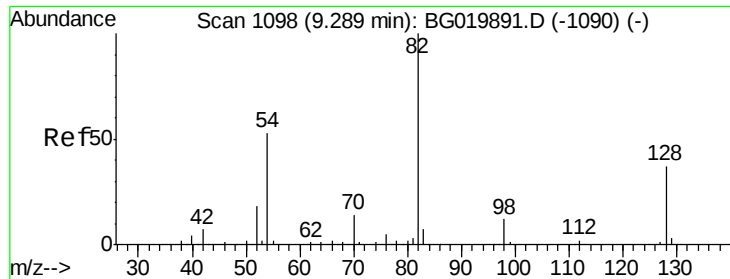
Ion 105.00 (104.70 to 105.70): E

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

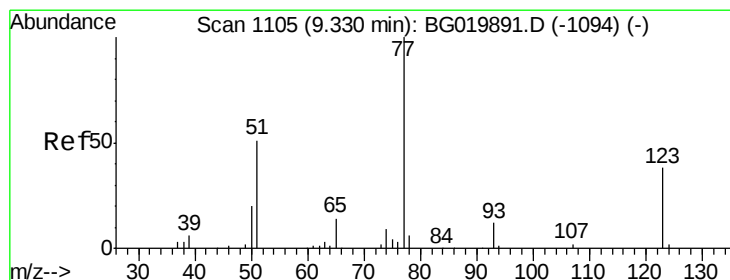
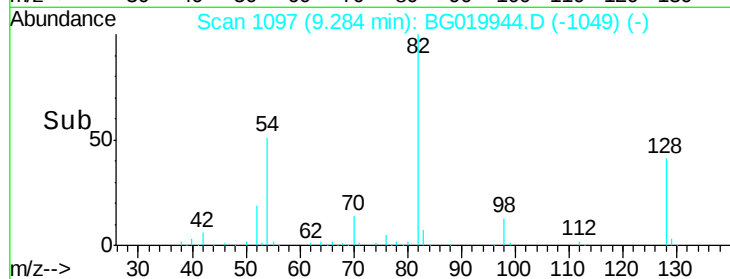
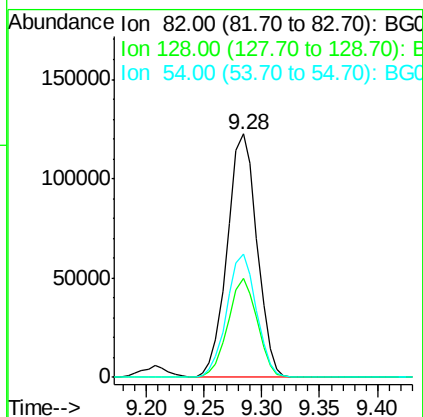
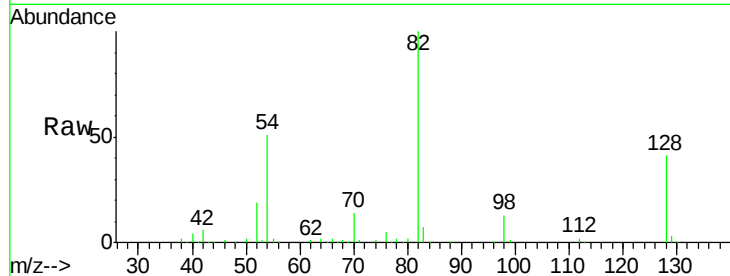




#23
 Nitrobenzene-d5
 Concen: 75.26 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

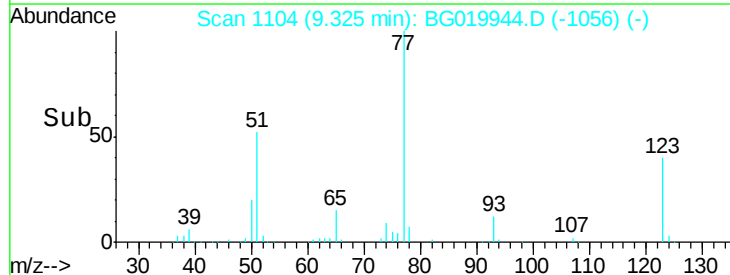
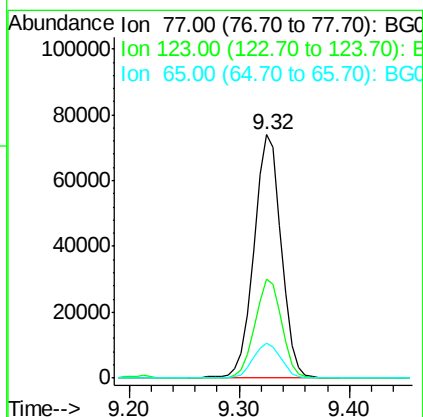
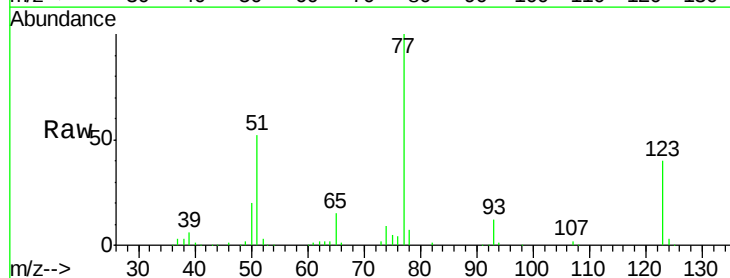
Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

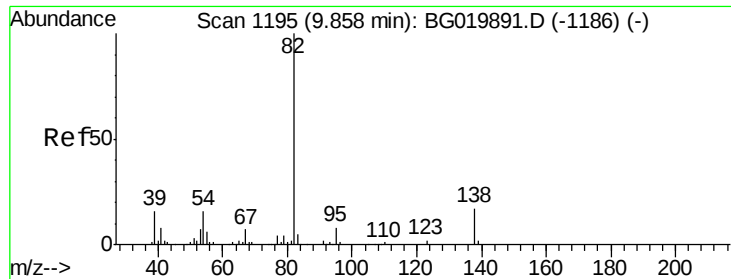
Tgt Ion: 82 Resp: 218917
 Ion Ratio Lower Upper
 82 100
 128 40.5 36.7 55.1
 54 50.8 33.8 50.8#



#24
 Nitrobenzene
 Concen: 40.64 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion: 77 Resp: 128250
 Ion Ratio Lower Upper
 77 100
 123 40.4 38.2 57.2
 65 14.6 10.6 16.0





#25

Isophorone

Concen: 36.40 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

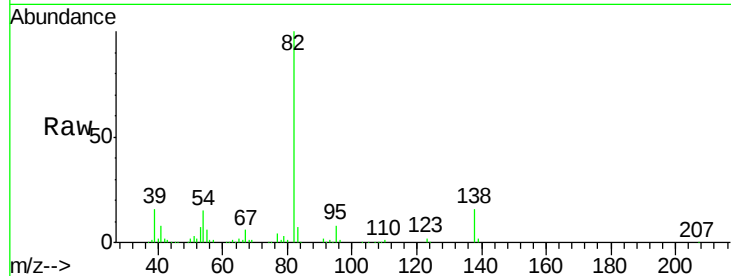
Tgt Ion: 82 Resp: 227029

Ion Ratio Lower Upper

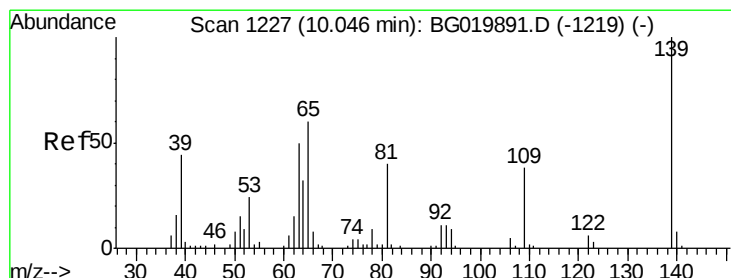
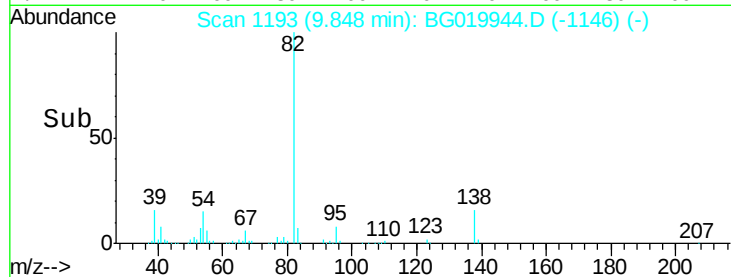
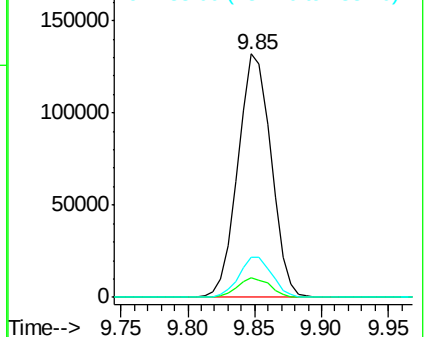
82 100

95 7.9 5.2 7.8#

138 16.4 14.4 21.6



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



#26

2-Nitrophenol

Concen: 45.19 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

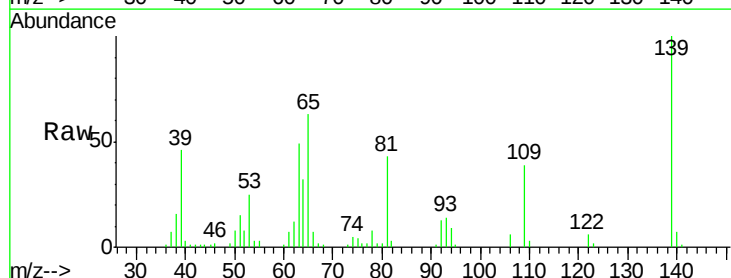
Tgt Ion: 139 Resp: 55076

Ion Ratio Lower Upper

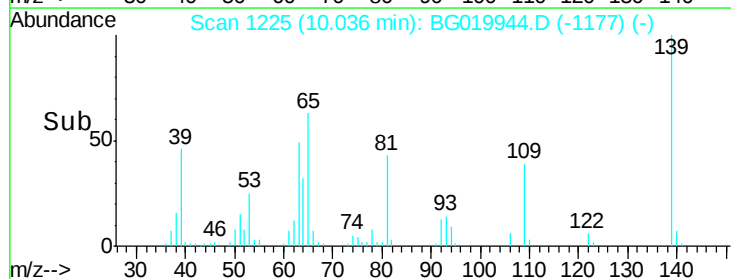
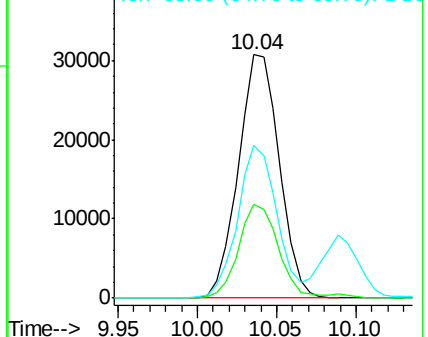
139 100

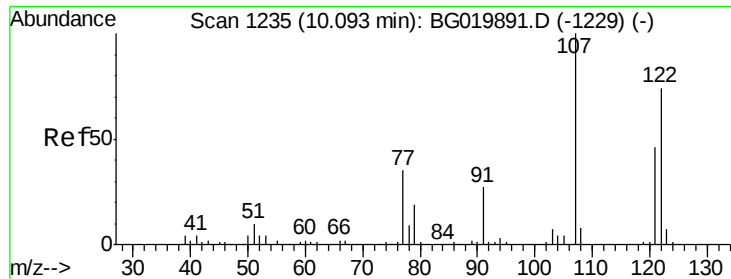
109 38.6 20.1 30.1#

65 62.6 34.1 51.1#



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

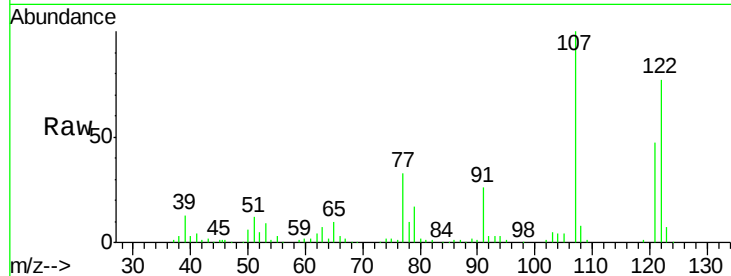




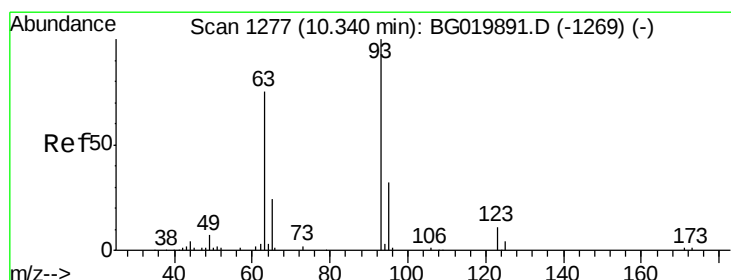
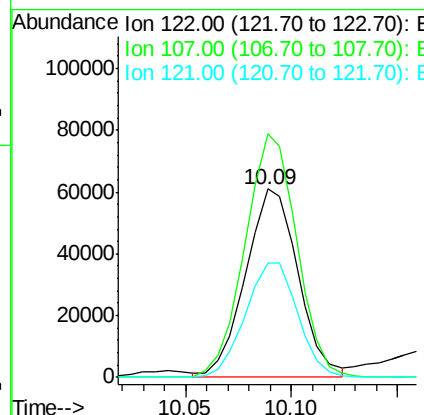
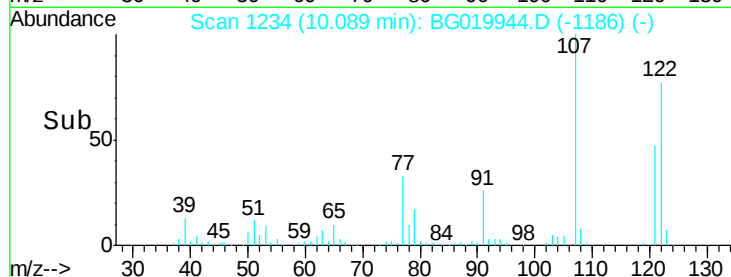
#27
 2,4-Dimethylphenol
 Concen: 41.47 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tgt Ion:122 Resp: 105242
 Ion Ratio Lower Upper
 122 100
 107 129.2 91.6 137.4
 121 60.9 47.3 70.9

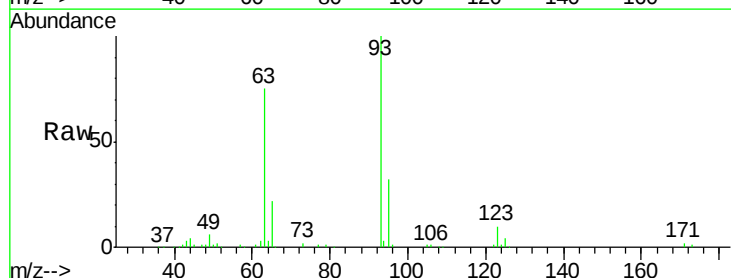


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

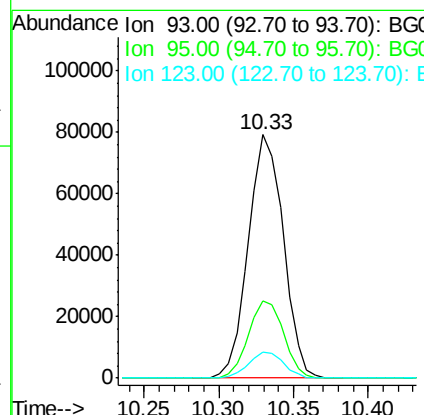
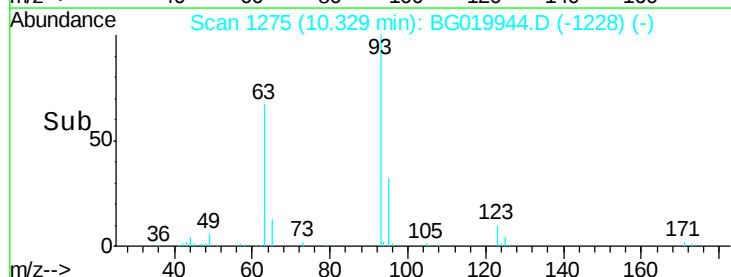


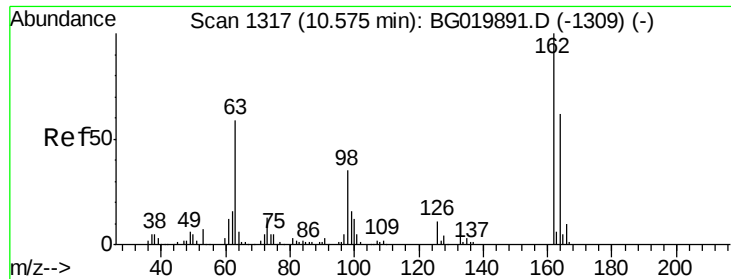
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.08 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion: 93 Resp: 128234
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.7 38.5
 123 10.4 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

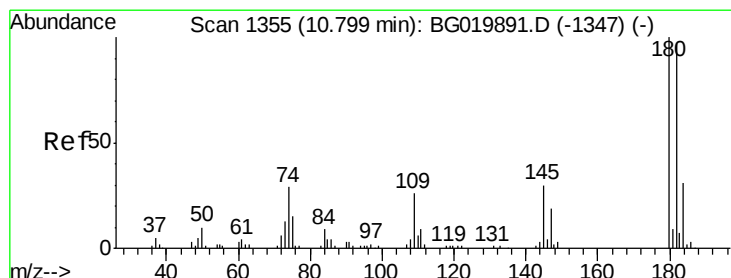
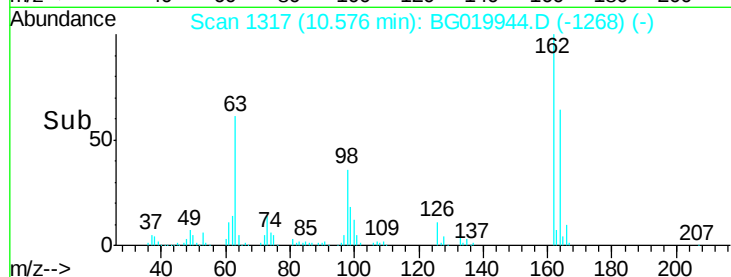
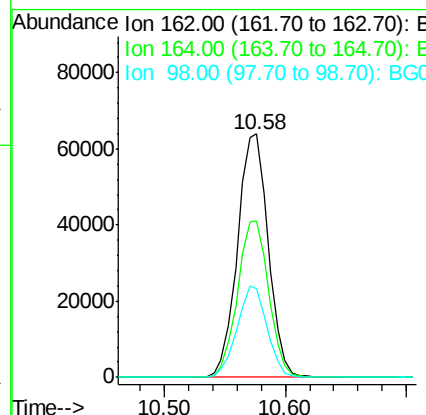
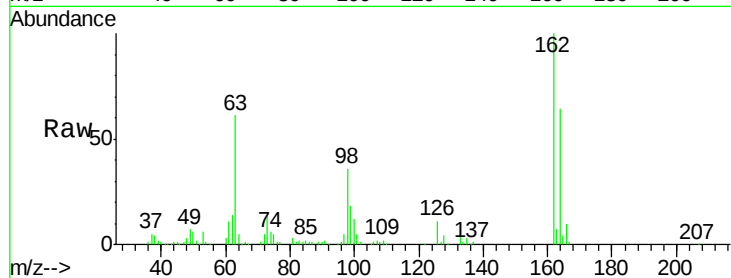




#29
2,4-Dichlorophenol
Concen: 43.74 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

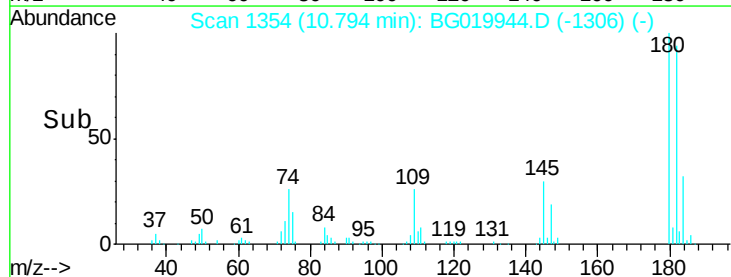
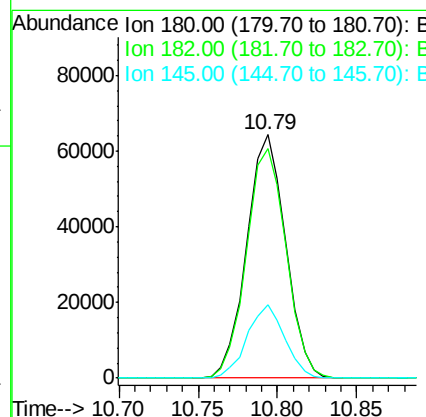
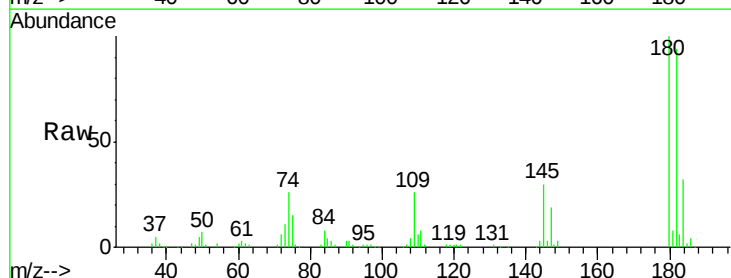
Instrument :
BNA_G
ClientSampleId :
PB87048BS

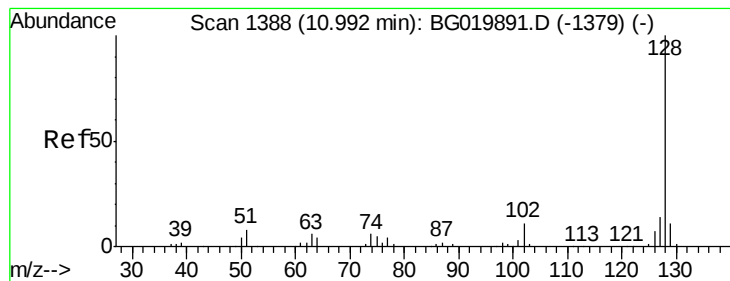
Tgt Ion:162 Resp: 113393
Ion Ratio Lower Upper
162 100
164 64.2 42.3 82.3
98 36.2 11.5 51.5



#30
1,2,4-Trichlorobenzene
Concen: 37.41 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:180 Resp: 109614
Ion Ratio Lower Upper
180 100
182 94.3 79.7 119.5
145 30.1 22.0 33.0





#31

Naphthalene

Concen: 39.45 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

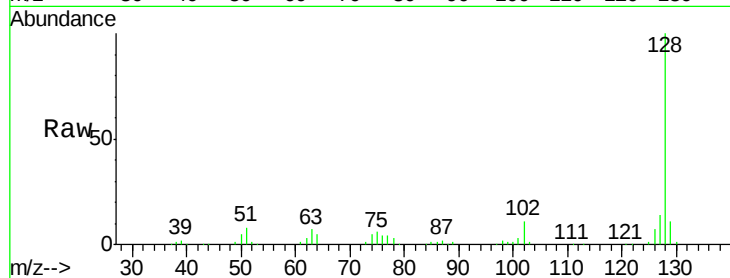
Tgt Ion:128 Resp: 313761

Ion Ratio Lower Upper

128 100

129 11.3 8.5 12.7

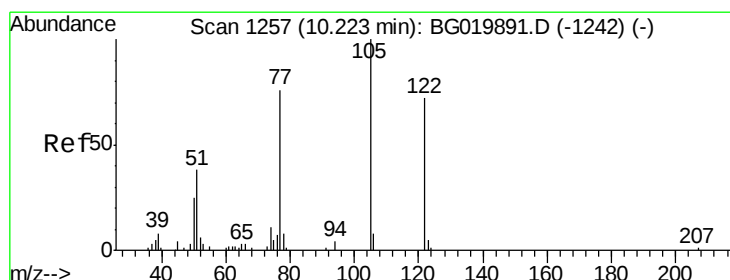
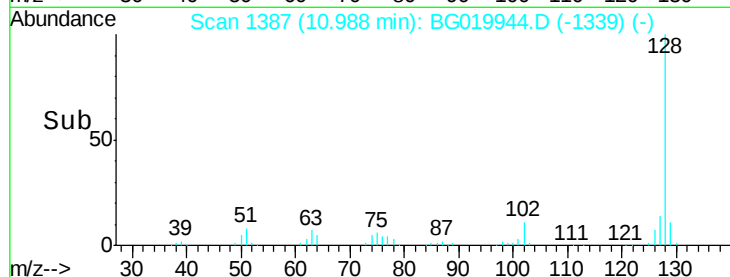
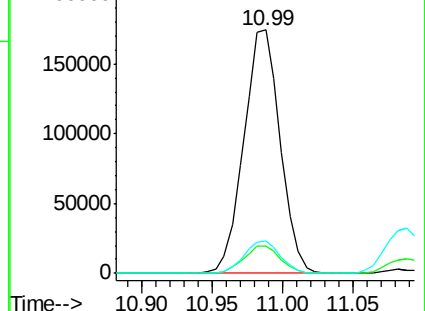
127 13.5 10.6 16.0



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: 45.01 ng

RT: 10.22 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

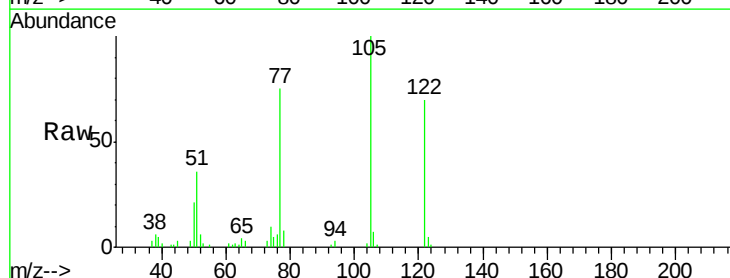
Tgt Ion:122 Resp: 76244

Ion Ratio Lower Upper

122 100

105 142.0 103.8 143.8

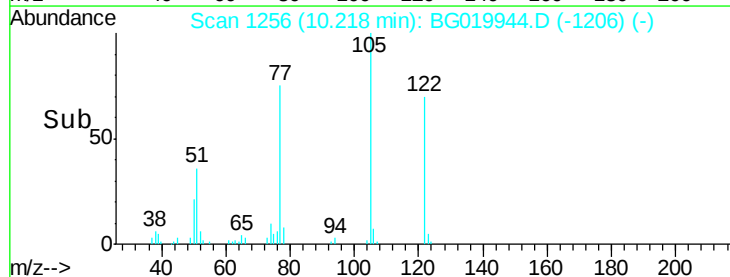
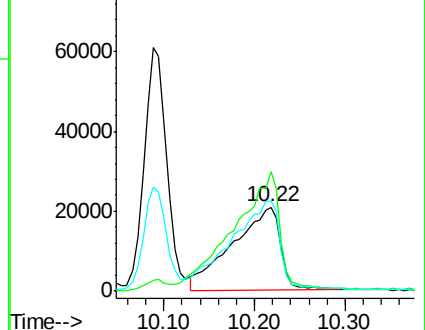
77 106.9 68.8 108.8

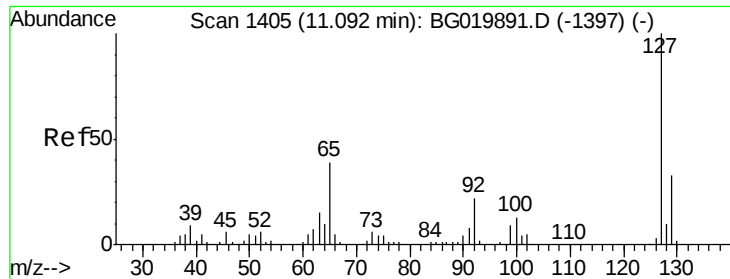


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

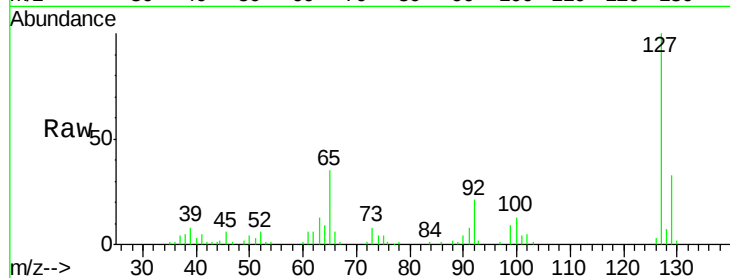




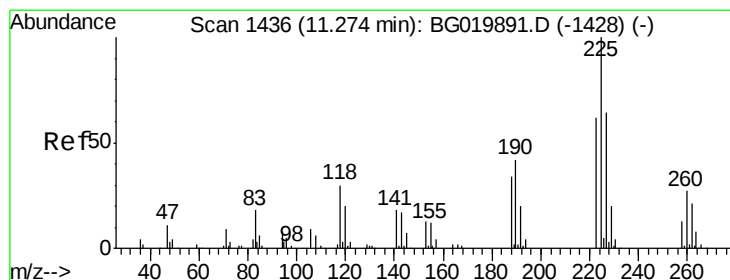
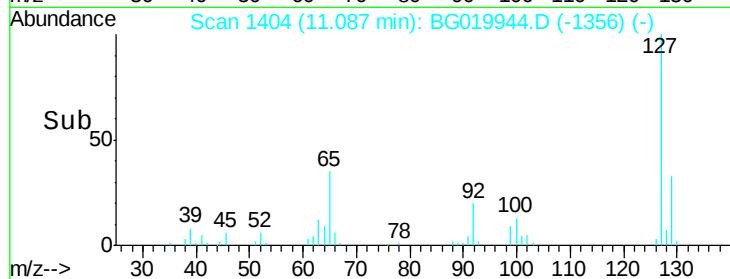
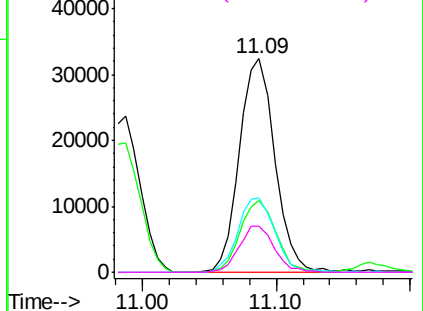
#33
4-Chloroaniline
Concen: 17.04 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion:	127	Resp:	59724
Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.6	37.0
65	34.5	22.6	33.8#
92	21.4	15.1	22.7

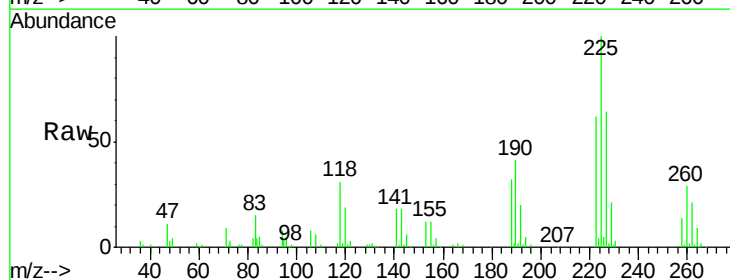


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

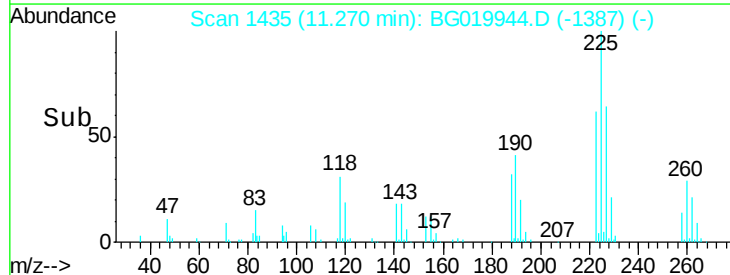
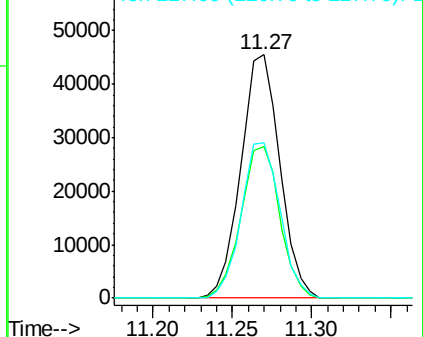


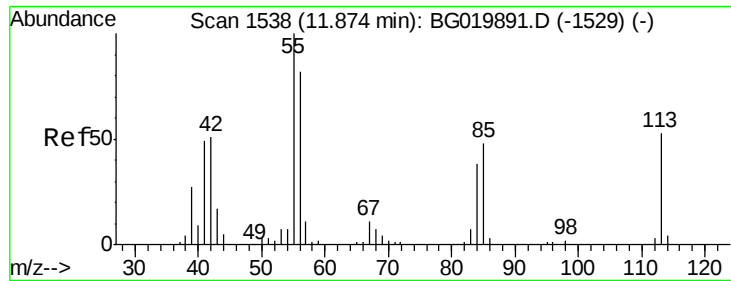
#34
Hexachlorobutadiene
Concen: 35.93 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:	225	Resp:	77665
Ion	Ratio	Lower	Upper
225	100		
223	59.5	51.0	76.4
227	60.7	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: 28.09 ng

RT: 11.87 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

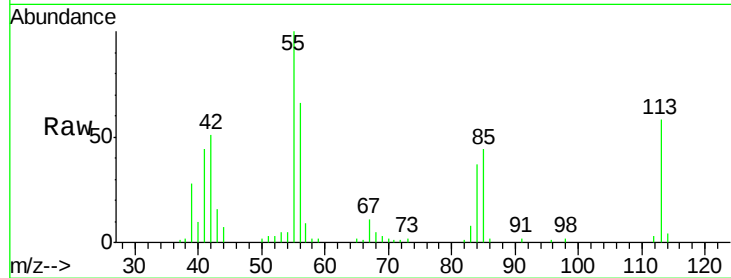
Tgt Ion:113 Resp: 27113

Ion Ratio Lower Upper

113 100

55 173.5 135.0 175.0

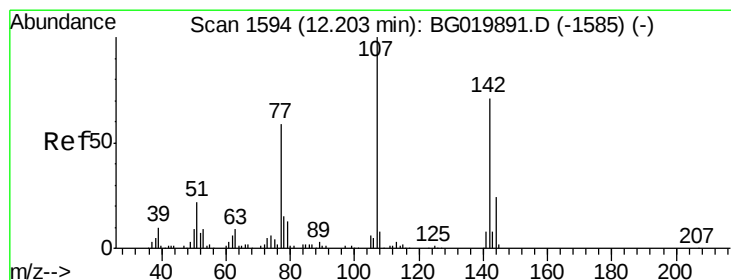
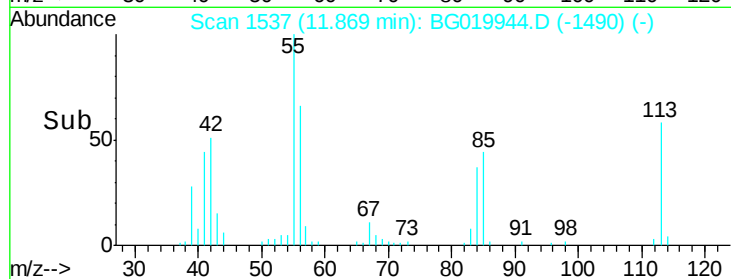
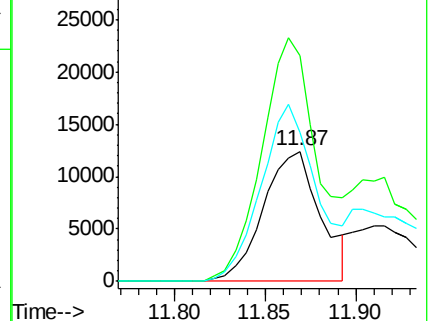
56 114.3 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.45 ng

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

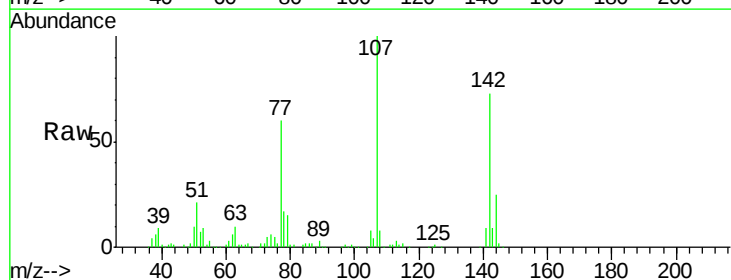
Tgt Ion:107 Resp: 133840

Ion Ratio Lower Upper

107 100

144 24.7 20.6 31.0

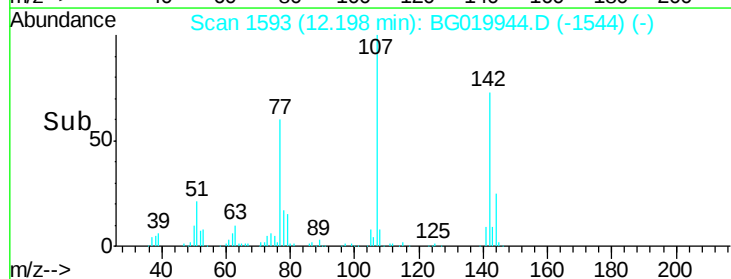
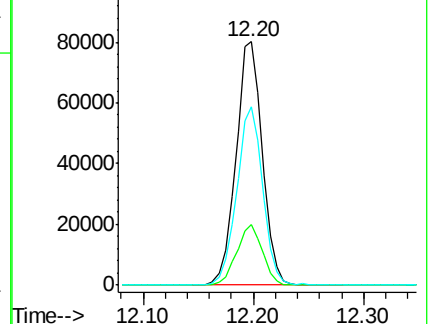
142 73.5 62.6 93.8

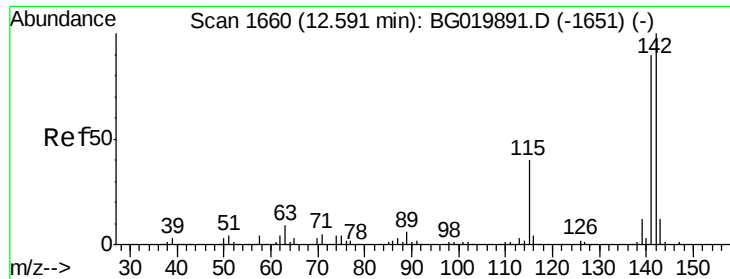


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

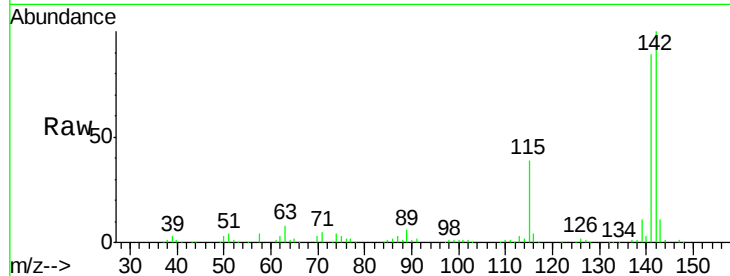




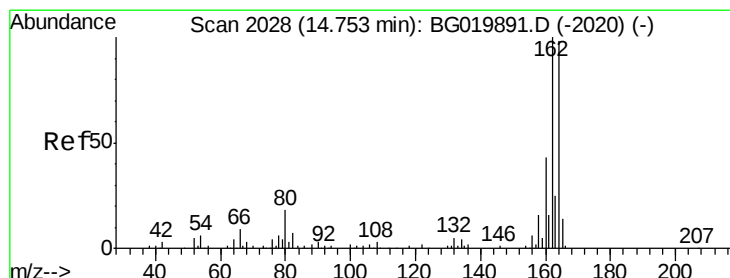
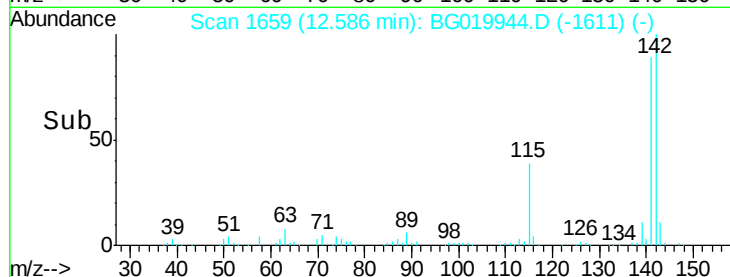
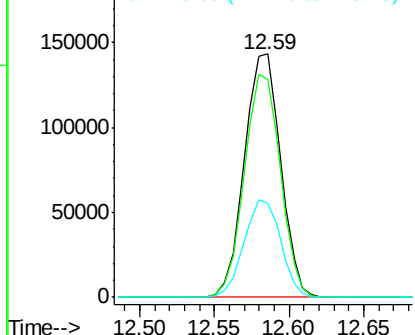
#37
2-Methylnaphthalene
Concen: 41.29 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion:142 Resp: 240674
Ion Ratio Lower Upper
142 100
141 89.3 74.6 112.0
115 38.7 27.4 41.0

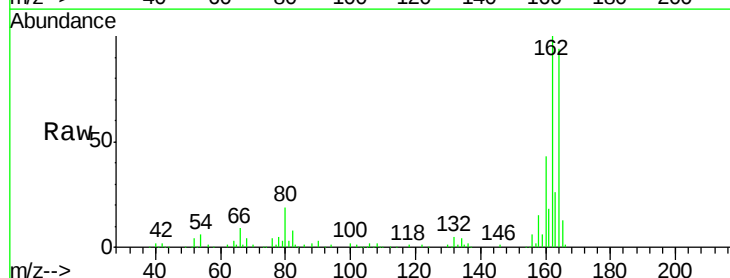


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

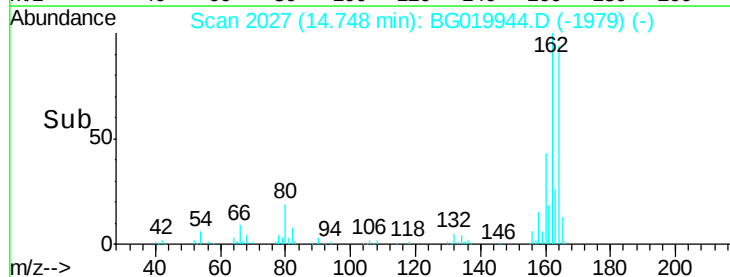
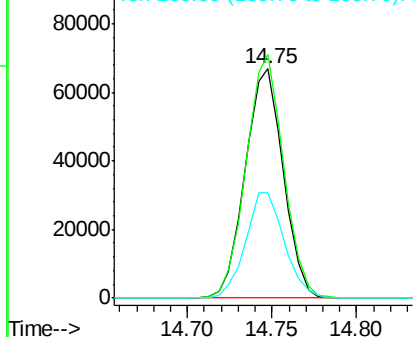


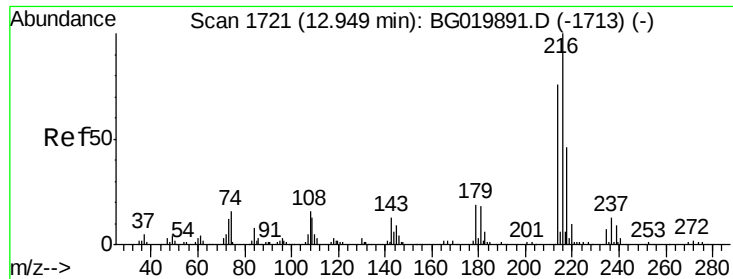
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:164 Resp: 104189
Ion Ratio Lower Upper
164 100
162 106.2 78.8 118.2
160 46.0 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.02 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

Tgt Ion:216 Resp: 146360

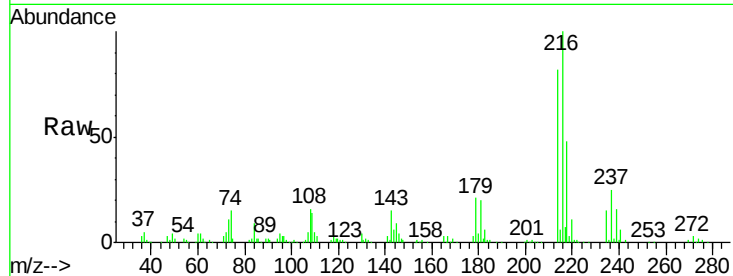
Ion Ratio Lower Upper

216 100

214 80.8 62.5 93.7

179 20.3 15.6 23.4

108 17.9 13.3 19.9

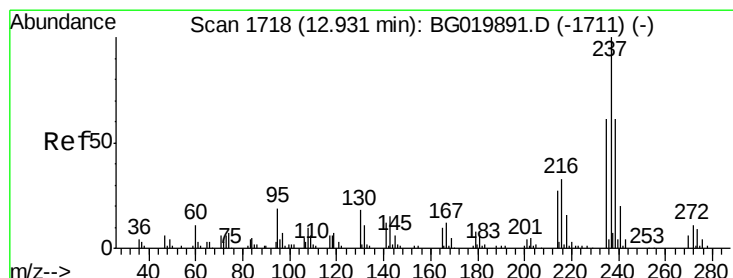
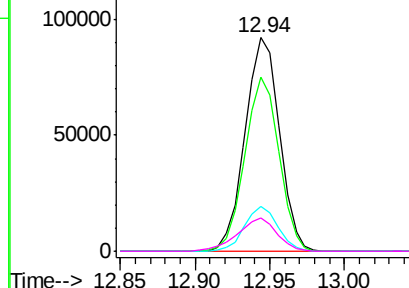
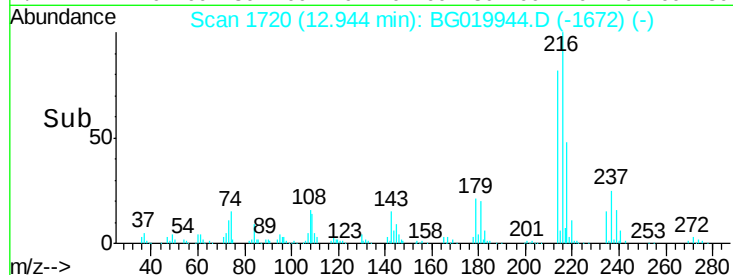


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.05 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

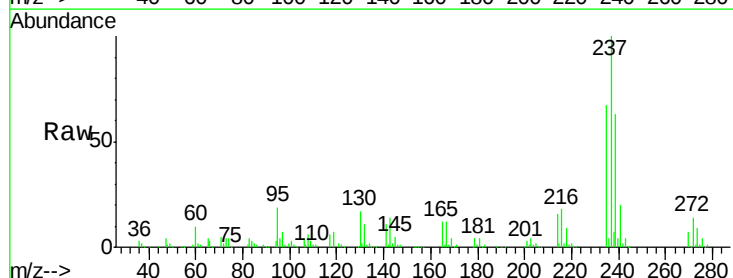
Tgt Ion:237 Resp: 169193

Ion Ratio Lower Upper

237 100

235 66.9 44.6 84.6

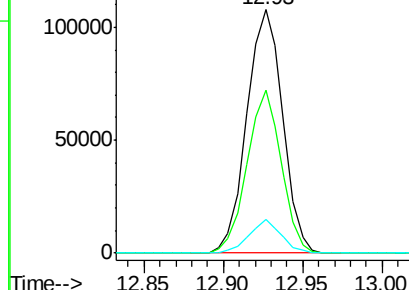
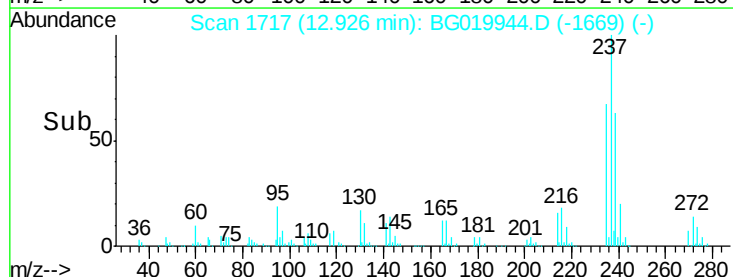
272 14.1 0.0 32.8

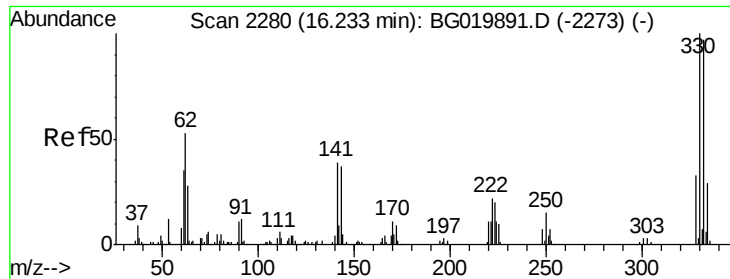


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

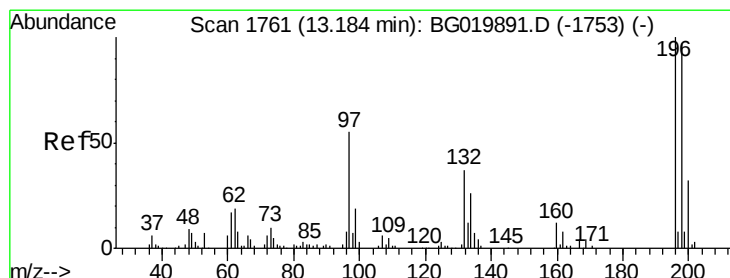
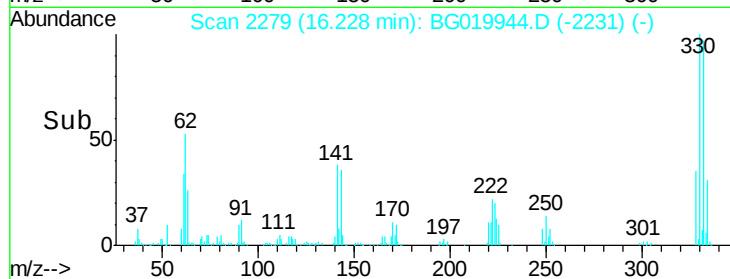
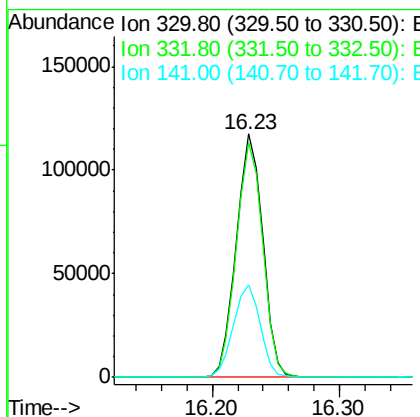
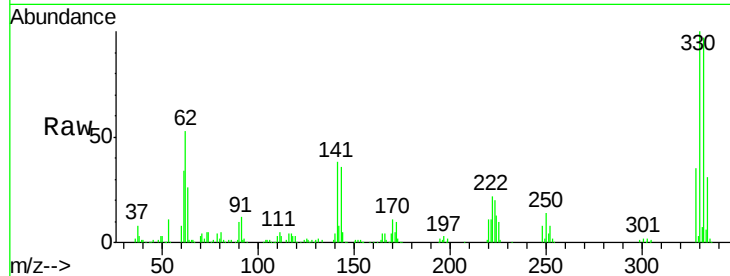




#41
 2,4,6-Tribromophenol
 Concen: 106.76 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

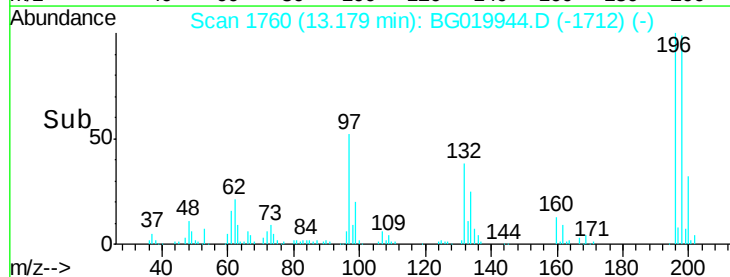
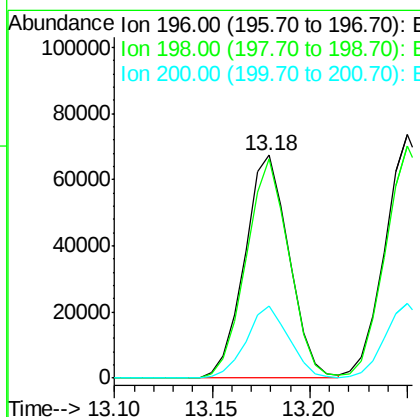
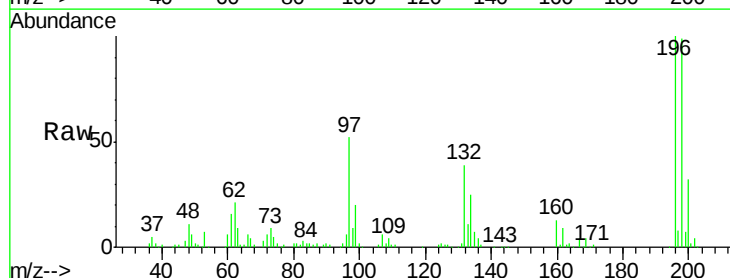
Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

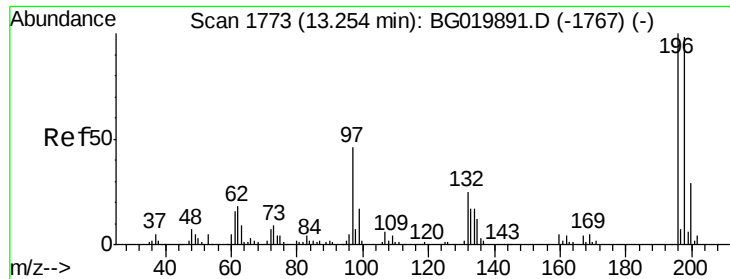
Tgt Ion:330 Resp: 170198
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.1 117.1
 141 38.3 28.2 42.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.41 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion:196 Resp: 105770
 Ion Ratio Lower Upper
 196 100
 198 98.6 74.7 112.1
 200 32.2 24.1 36.1

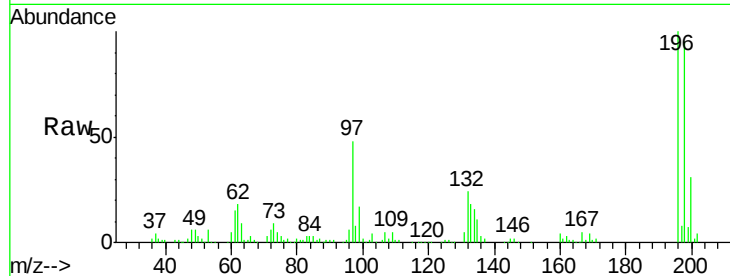




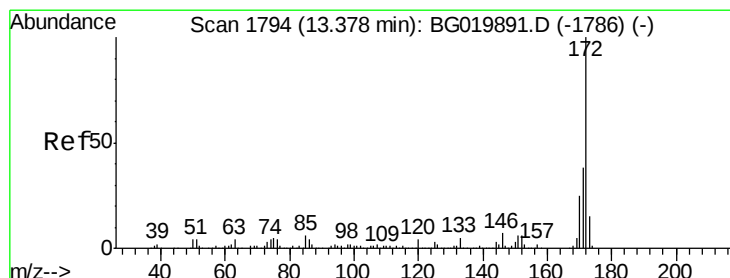
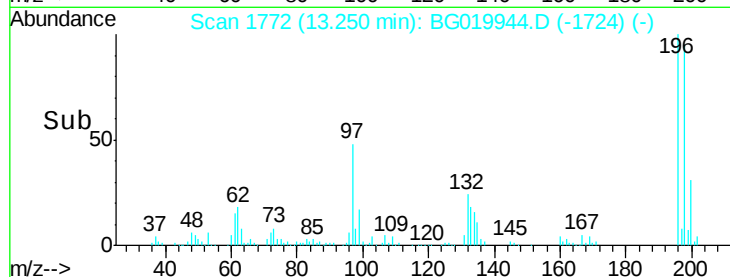
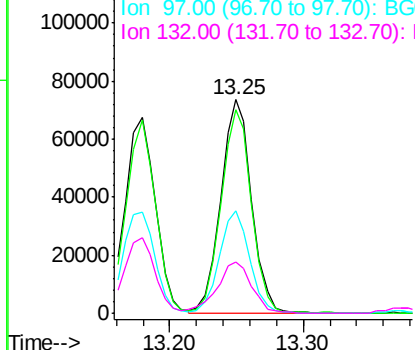
#43
 2,4,5-Trichlorophenol
 Concen: 42.89 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.2	112.8
97	47.7	34.2	51.2
132	24.2	21.8	32.6

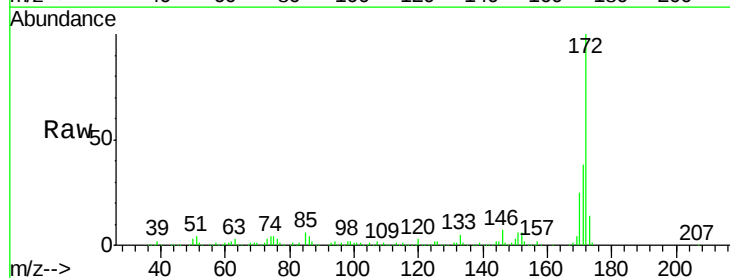


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

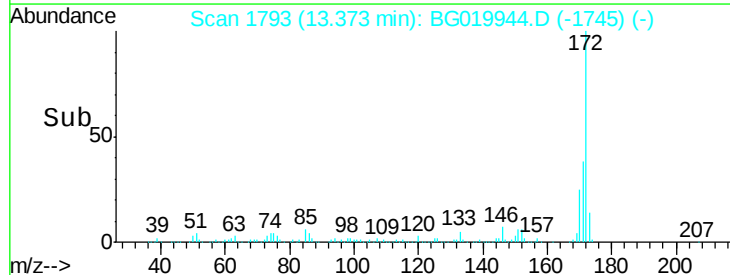
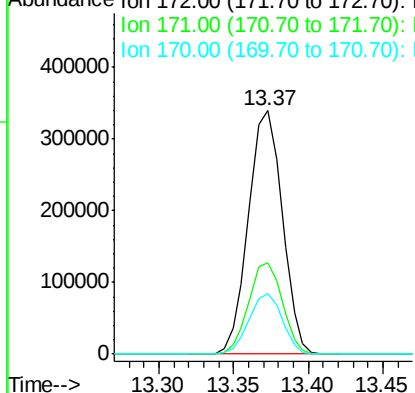


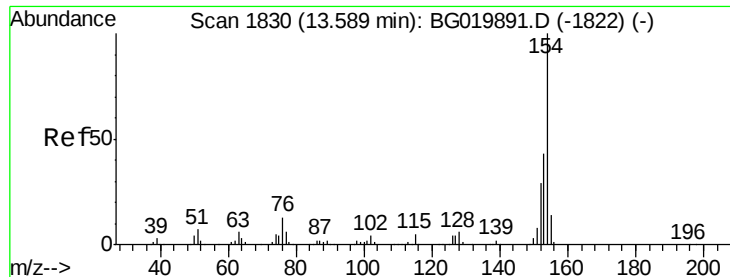
#44
 2-Fluorobiphenyl
 Concen: 69.72 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	25.0	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

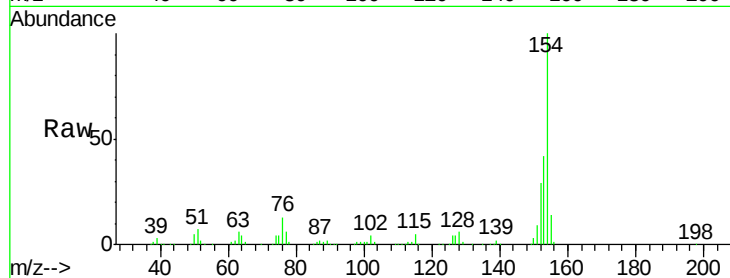




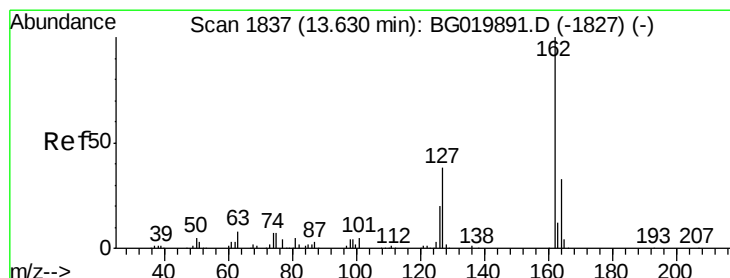
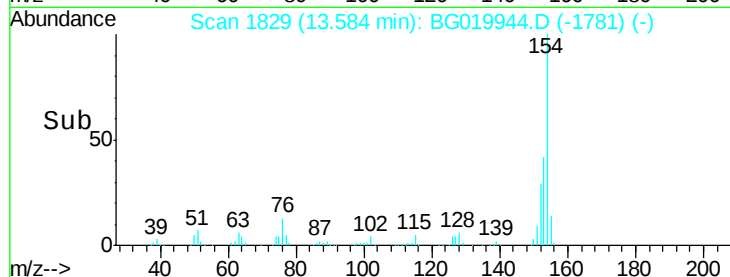
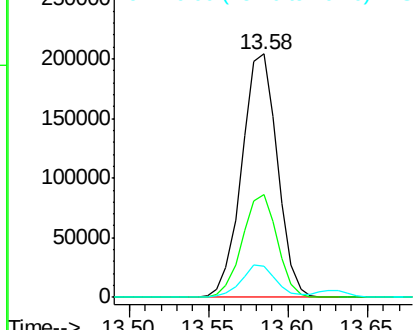
#45
 1,1'-Biphenyl
 Concen: 37.17 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.9	61.9
76	12.9	0.0	33.2

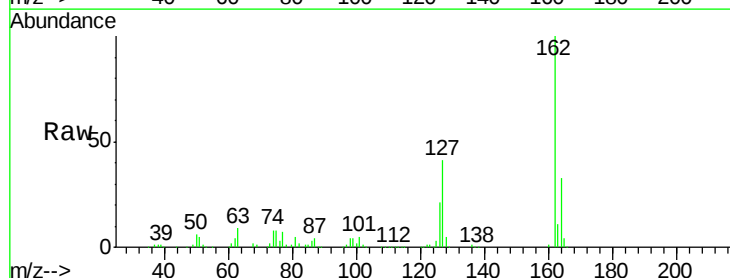


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

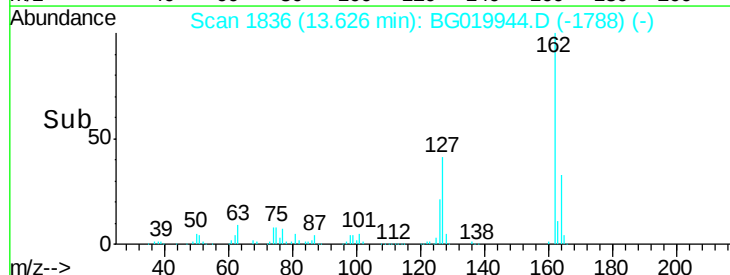
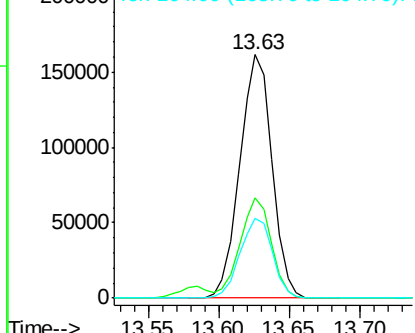


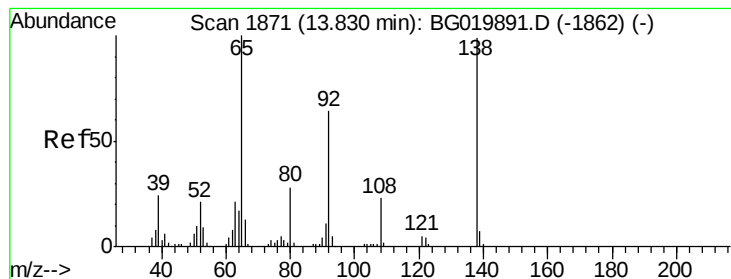
#46
 2-Chloronaphthalene
 Concen: 39.05 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	28.3	42.5
164	32.9	27.4	41.0



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





#47

2-Nitroaniline

Concen: 46.35 ng

RT: 13.82 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

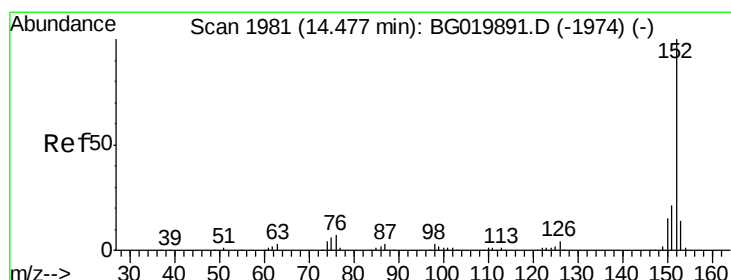
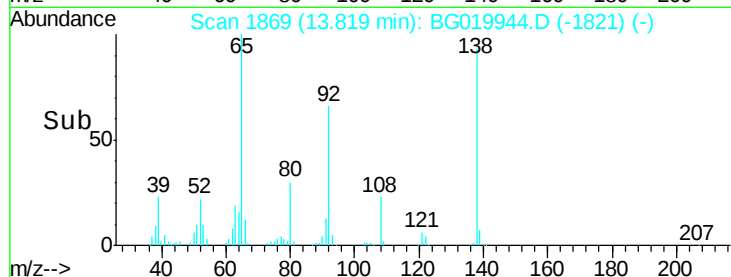
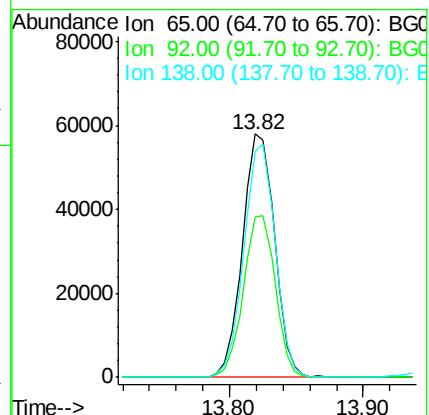
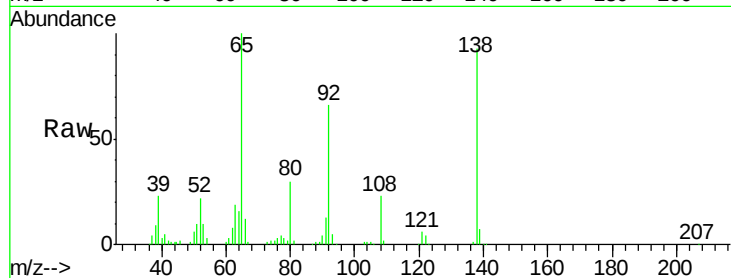
Tgt Ion: 65 Resp: 96485

Ion Ratio Lower Upper

65 100

92 66.1 54.8 82.2

138 92.6 89.6 134.4



#48

Acenaphthylene

Concen: 38.42 ng

RT: 14.47 min Scan# 1980

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

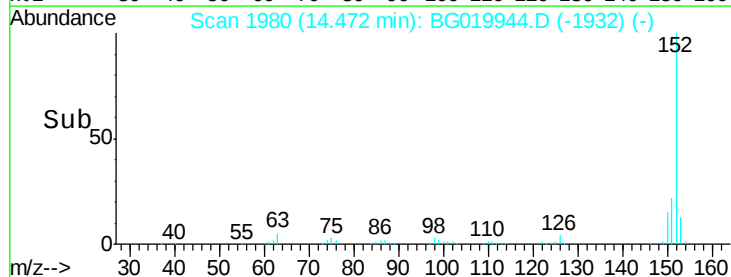
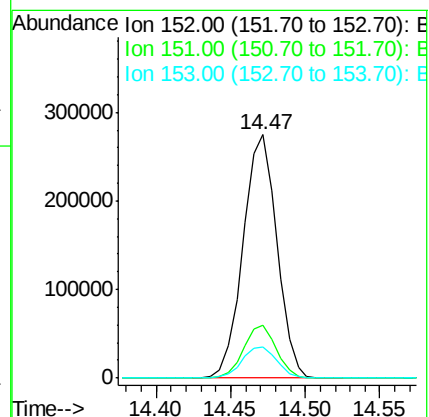
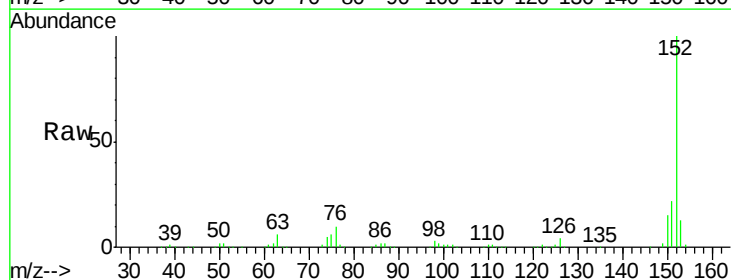
Tgt Ion: 152 Resp: 431291

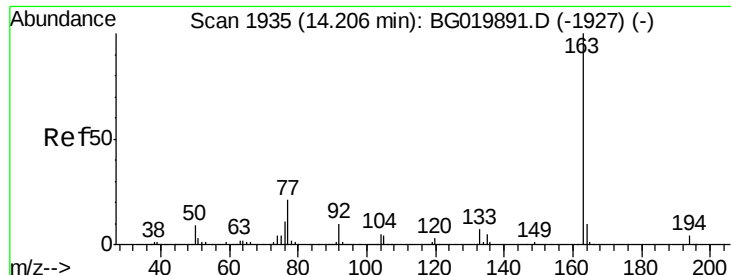
Ion Ratio Lower Upper

152 100

151 21.7 17.0 25.4

153 12.7 10.4 15.6





#49

Dimethylphthalate

Concen: 38.02 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

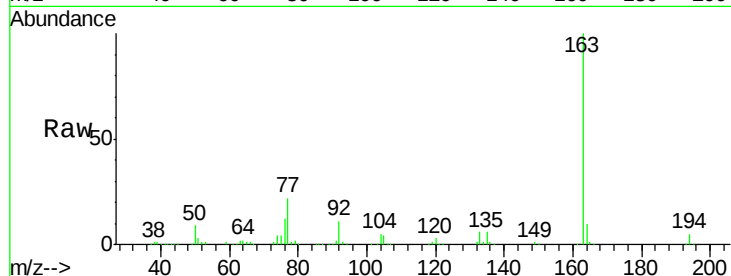
Tgt Ion:163 Resp: 356324

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

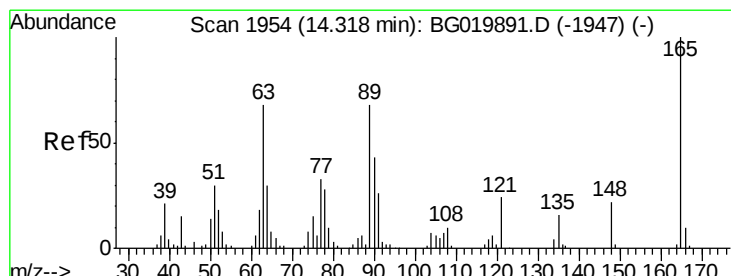
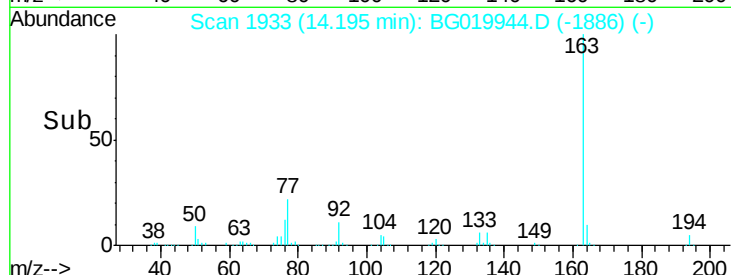
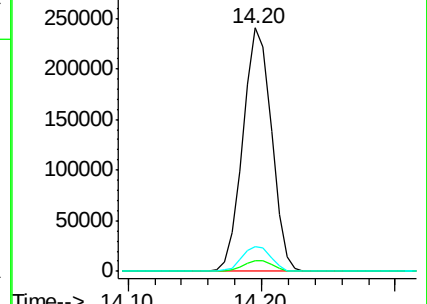
164 10.4 8.8 13.2



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: 44.37 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

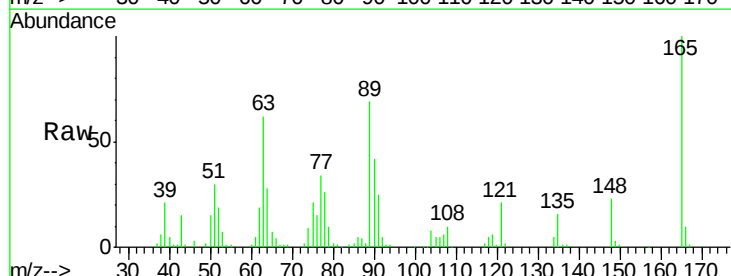
Tgt Ion:165 Resp: 78175

Ion Ratio Lower Upper

165 100

63 62.4 35.7 53.5#

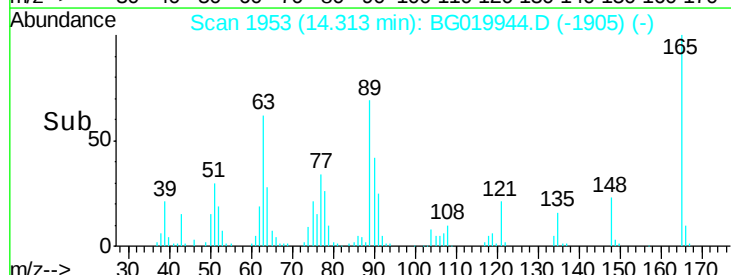
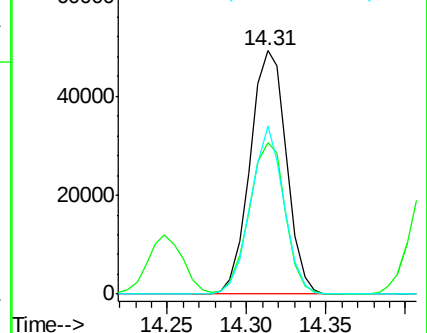
89 68.9 39.7 59.5#

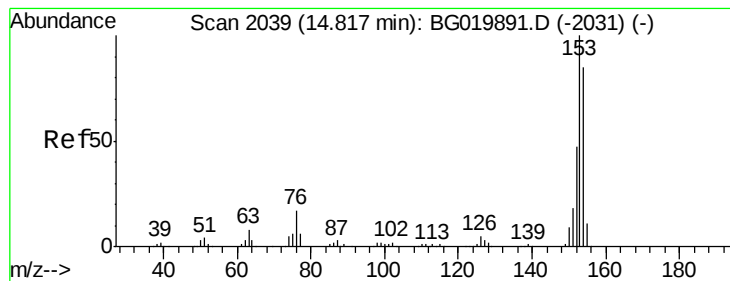


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.61 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

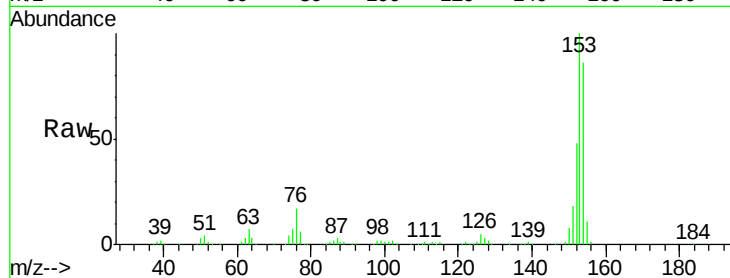
Tgt Ion:154 Resp: 263011

Ion Ratio Lower Upper

154 100

153 116.7 92.9 139.3

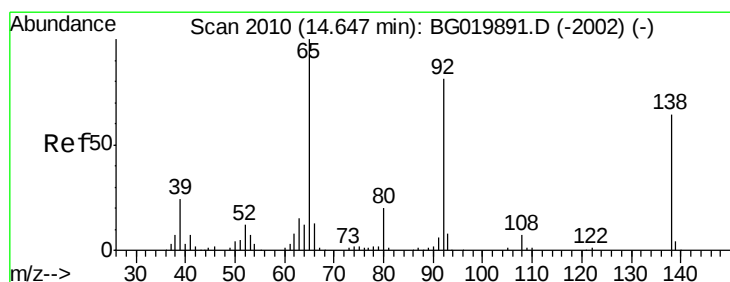
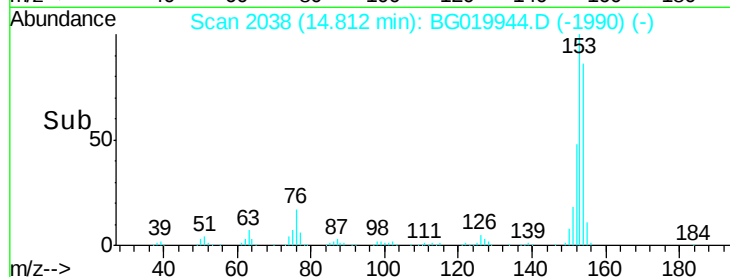
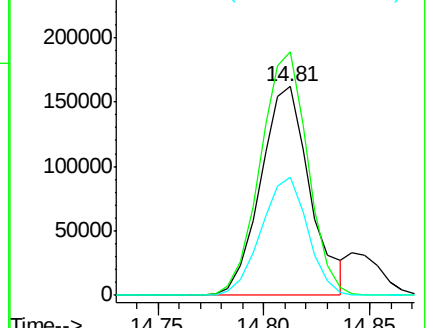
152 56.4 45.8 68.8



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: 31.87 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

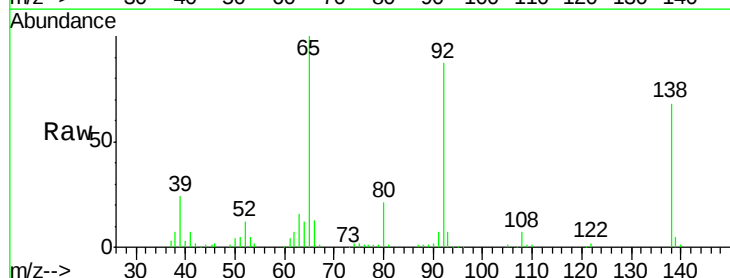
Tgt Ion:138 Resp: 58349

Ion Ratio Lower Upper

138 100

108 10.7 7.9 11.9

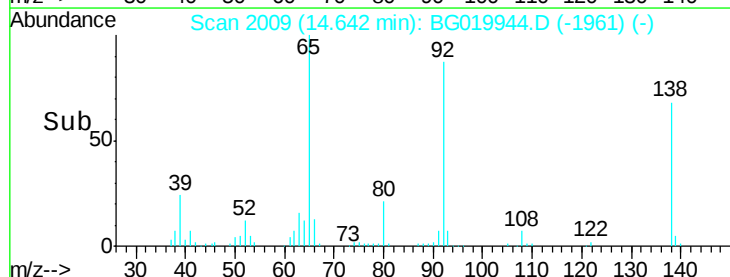
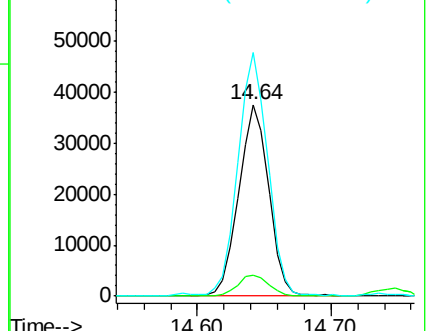
92 127.3 94.2 141.4

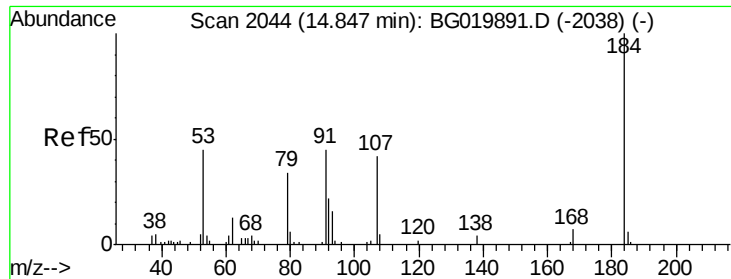


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

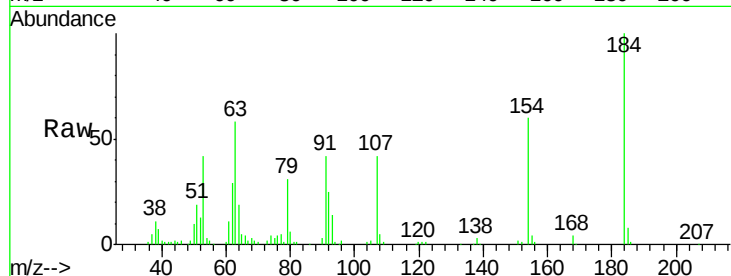




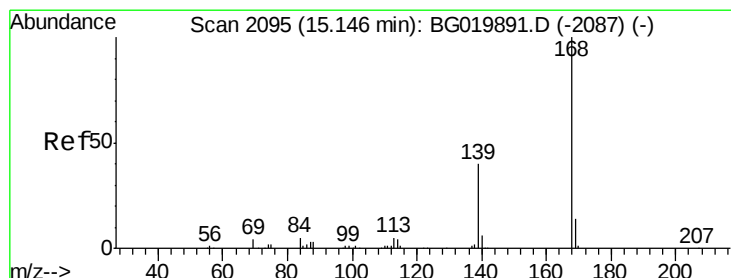
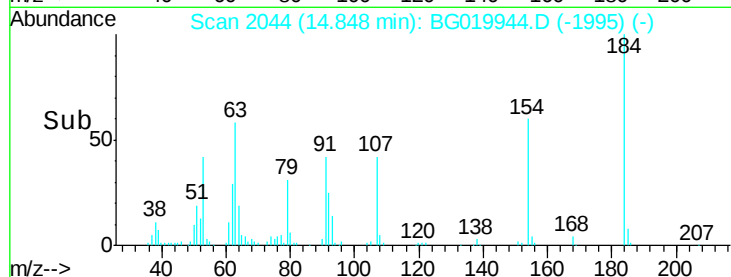
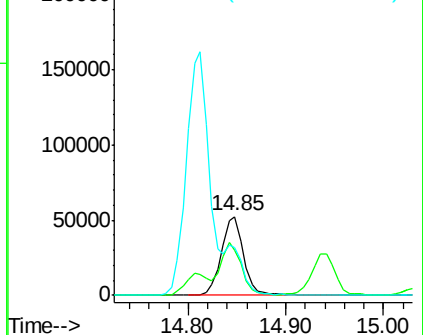
#53
2,4-Dinitrophenol
Concen: 87.29 ng
RT: 14.85 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion:184 Resp: 82744
Ion Ratio Lower Upper
184 100
63 57.6 42.7 64.1
154 60.2 44.3 66.5

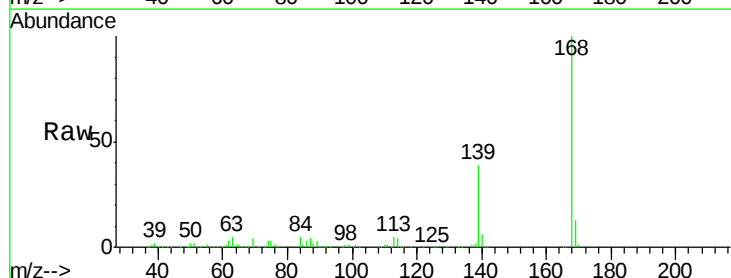


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

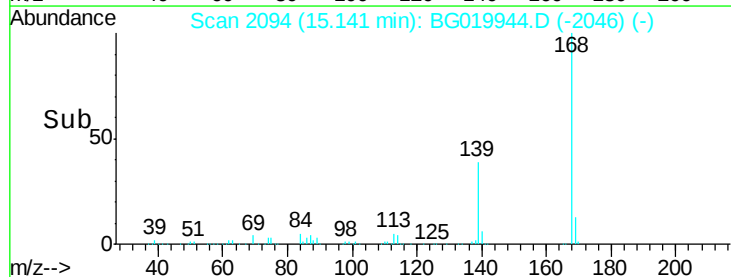
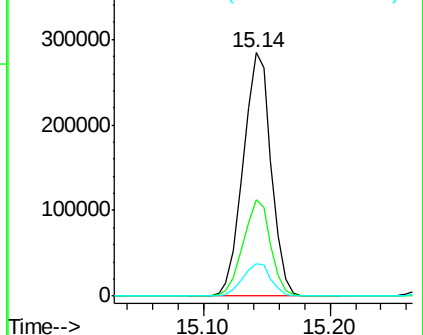


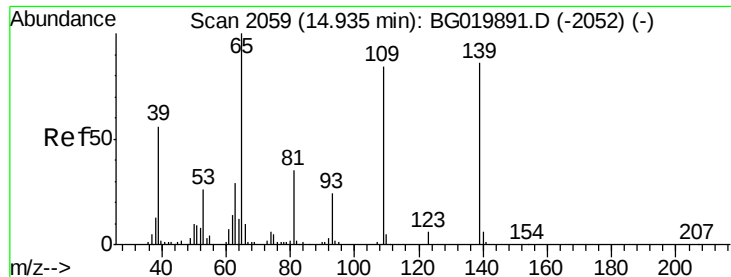
#54
Dibenzofuran
Concen: 42.80 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:168 Resp: 433734
Ion Ratio Lower Upper
168 100
139 39.4 27.4 41.0
169 13.4 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

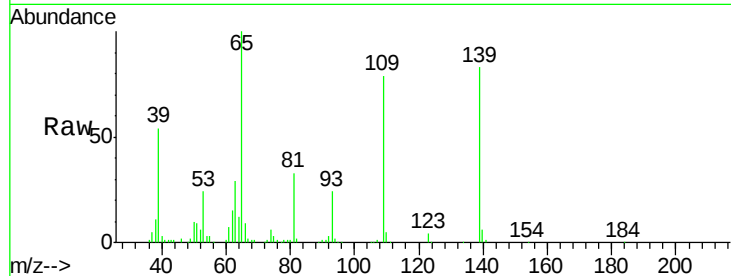




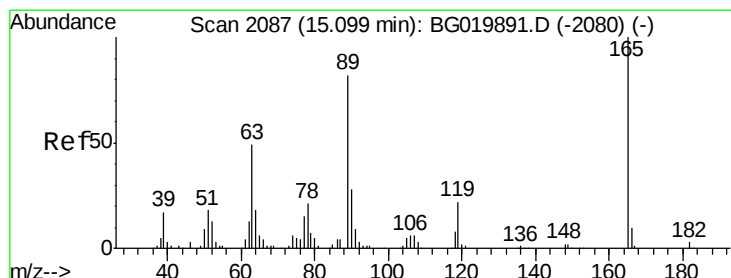
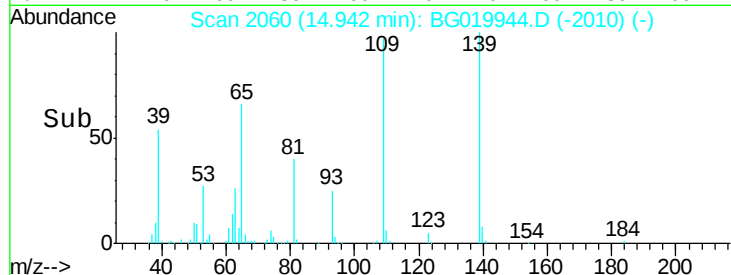
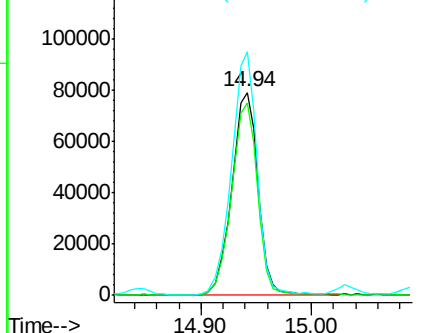
#55
4-Nitrophenol
Concen: 83.52 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion:139 Resp: 133159
Ion Ratio Lower Upper
139 100
109 95.0 43.2 83.2#
65 119.9 67.8 107.8#

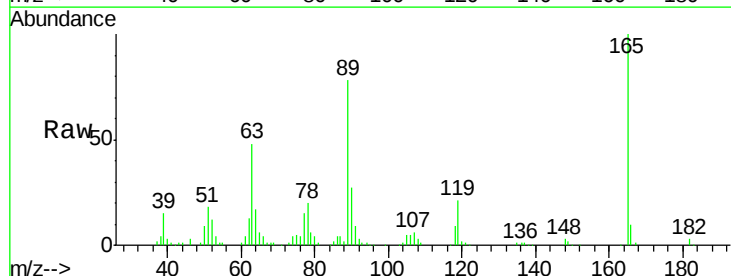


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

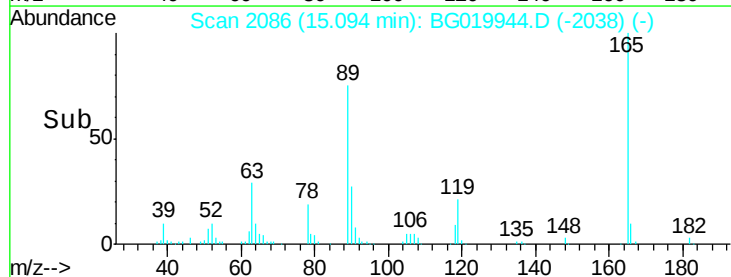
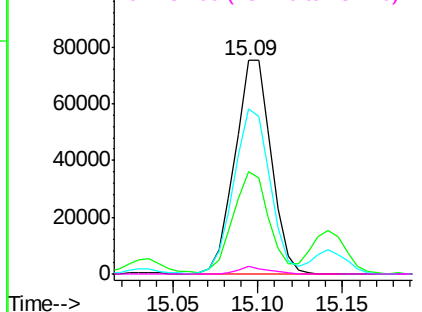


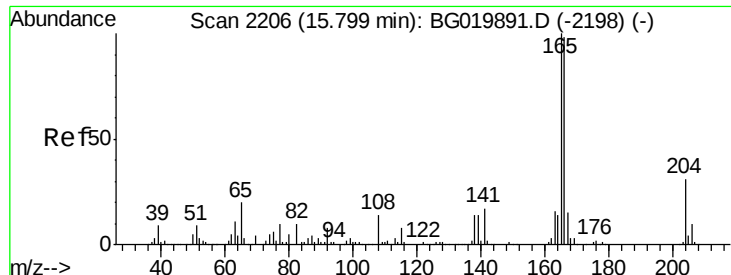
#56
2,4-Dinitrotoluene
Concen: 45.79 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:165 Resp: 112583
Ion Ratio Lower Upper
165 100
63 47.7 31.0 46.4#
89 77.5 54.4 81.6
182 3.4 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E

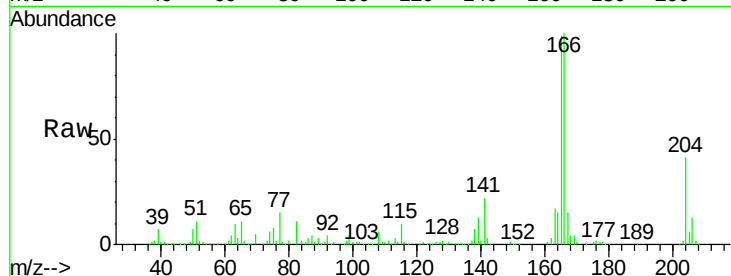




#57
Fluorene
 Concen: 38.48 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.0	120.0
167	15.1	11.1	16.7

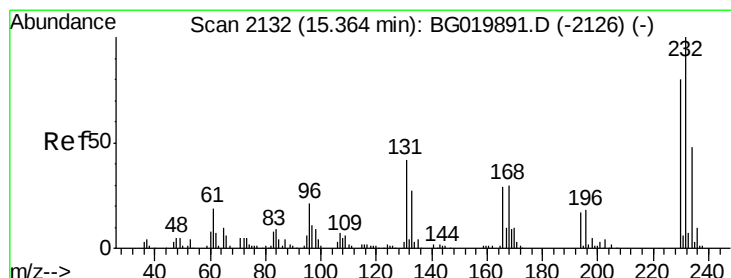
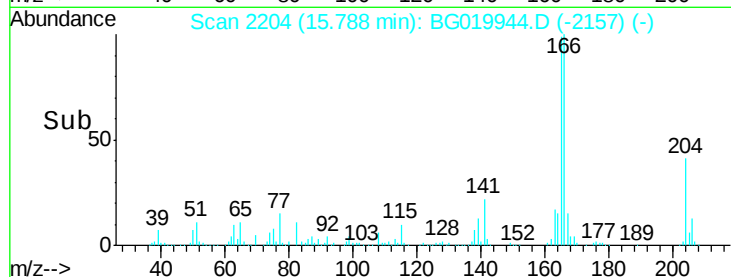
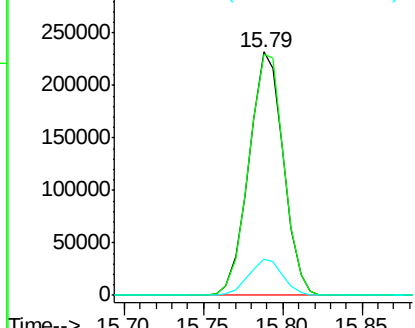


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.15 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	33.0	49.6
130	2.3	2.0	3.0
166	27.4	24.1	36.1

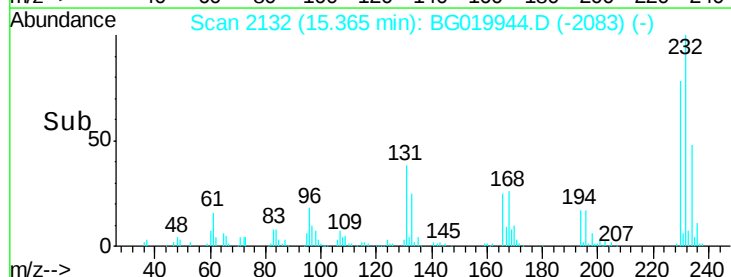
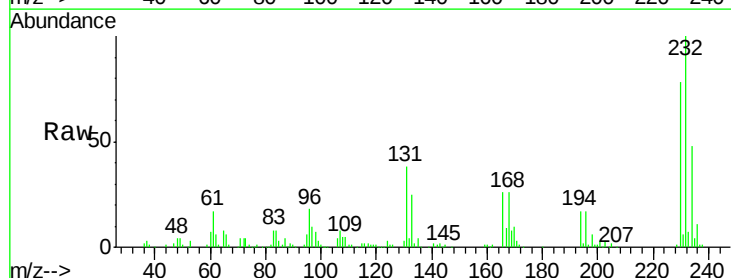
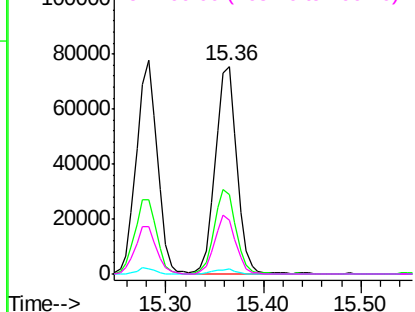
Abundance

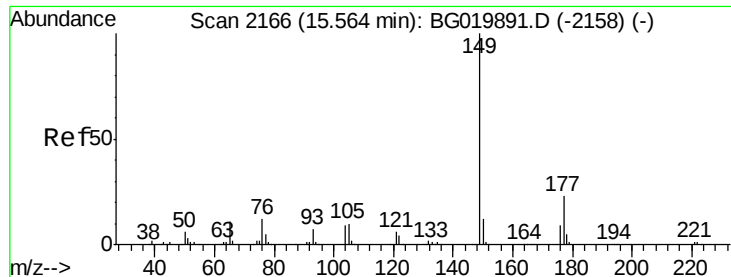
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

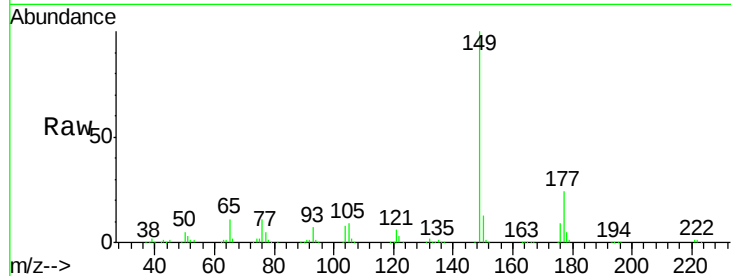




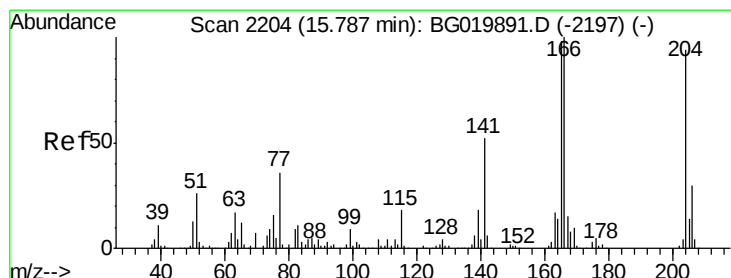
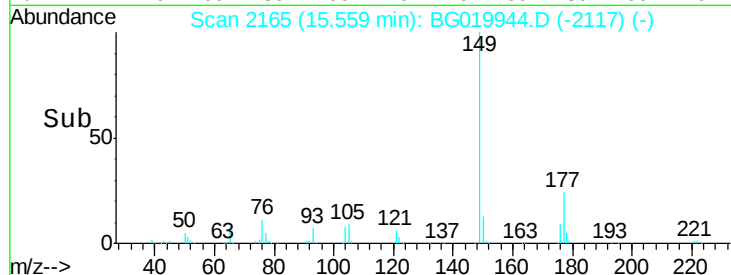
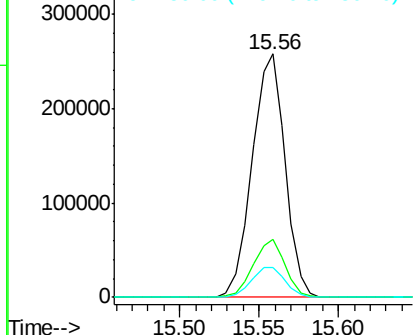
#59
Diethylphthalate
Concen: 36.64 ng
RT: 15.56 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Instrument :
BNA_G
ClientSampleId :
PB87048BS

Tgt Ion:149 Resp: 371627
Ion Ratio Lower Upper
149 100
177 24.0 19.6 29.4
150 12.5 10.2 15.2

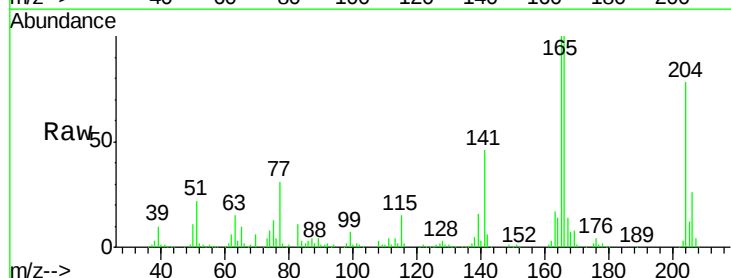


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

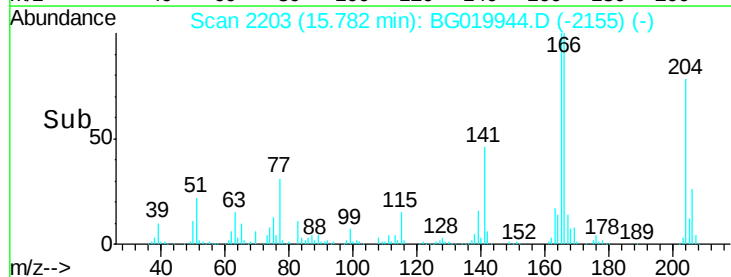
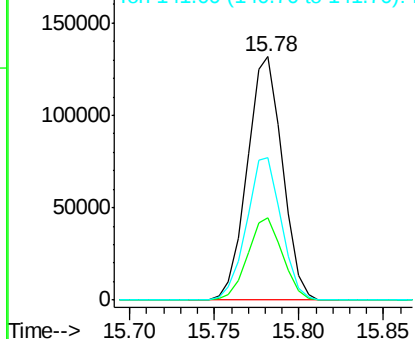


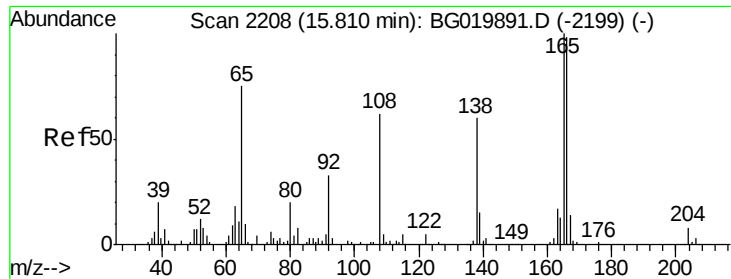
#60
4-Chlorophenyl-phenylether
Concen: 36.65 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:204 Resp: 190888
Ion Ratio Lower Upper
204 100
206 33.7 28.3 42.5
141 58.4 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

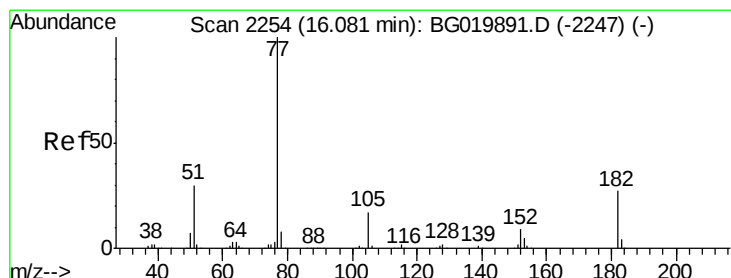
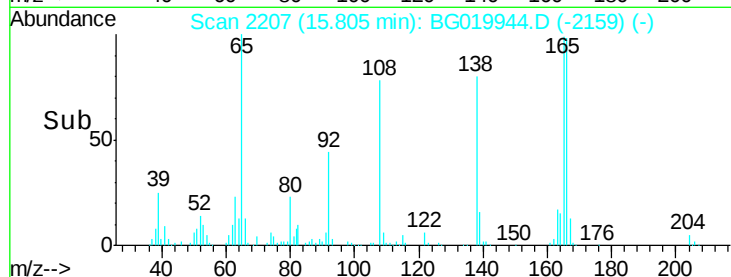
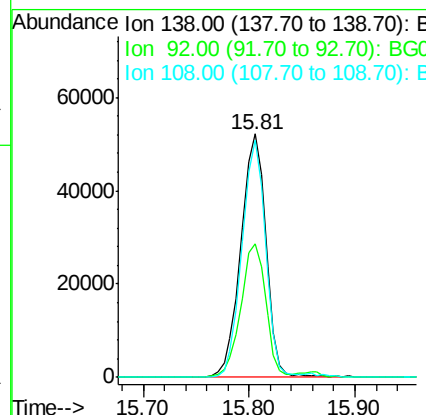
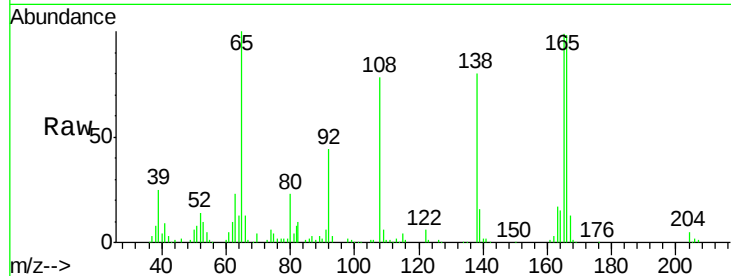




#61
4-Nitroaniline
Concen: 41.78 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

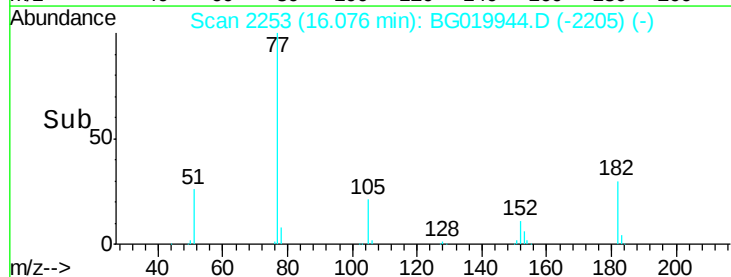
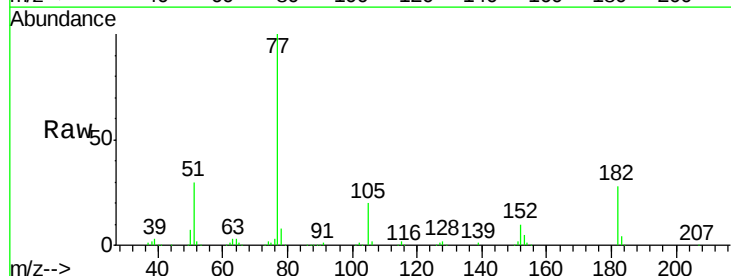
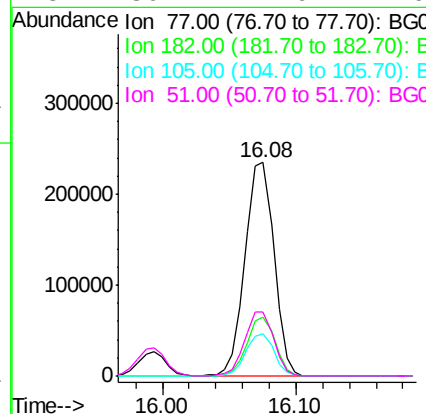
Instrument :
BNA_G
ClientSampleId :
PB87048BS

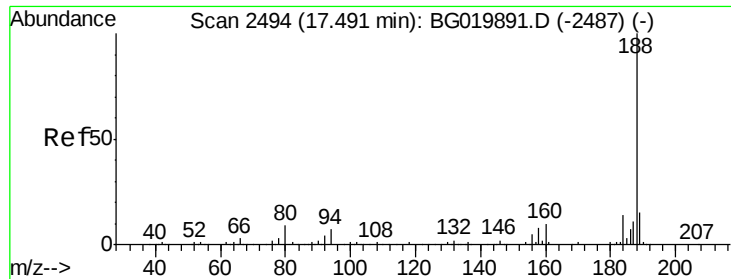
Tgt Ion: 138 Resp: 86018
Ion Ratio Lower Upper
138 100
92 54.7 29.1 69.1
108 97.7 49.8 89.8#



#62
Azobenzene
Concen: 41.89 ng
RT: 16.08 min Scan# 2253
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion: 77 Resp: 353540
Ion Ratio Lower Upper
77 100
182 27.8 7.0 47.0
105 19.6 1.4 41.4
51 30.2 4.9 44.9

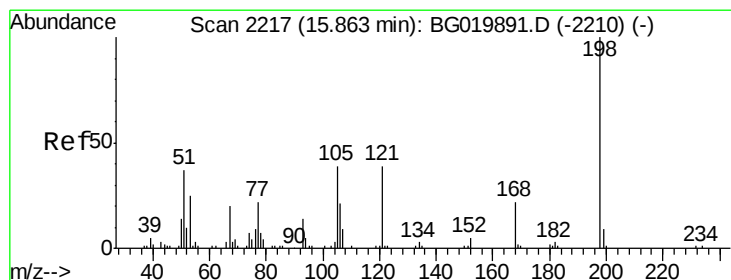
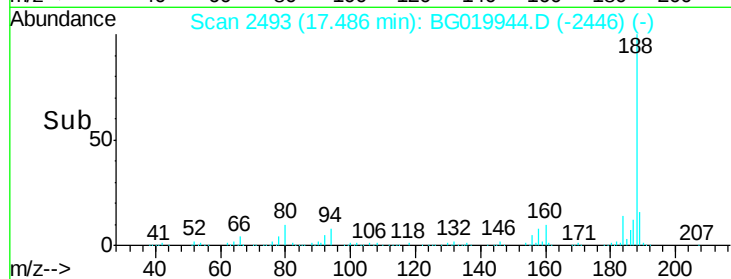
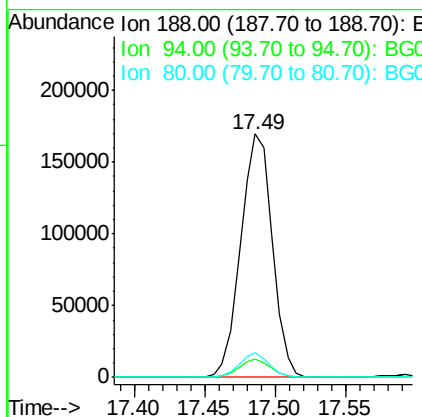
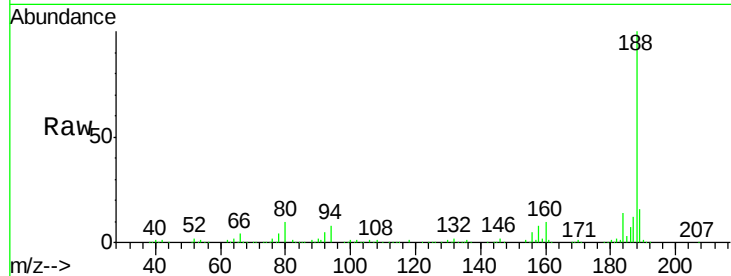




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

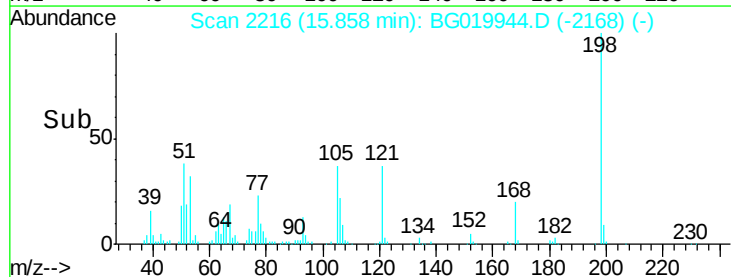
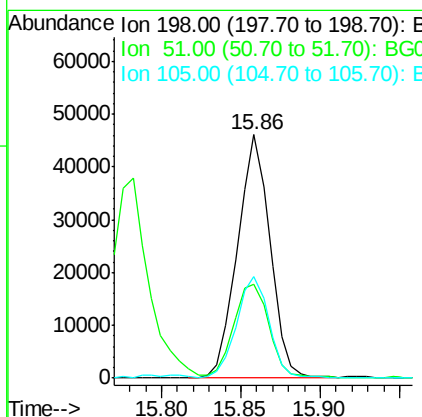
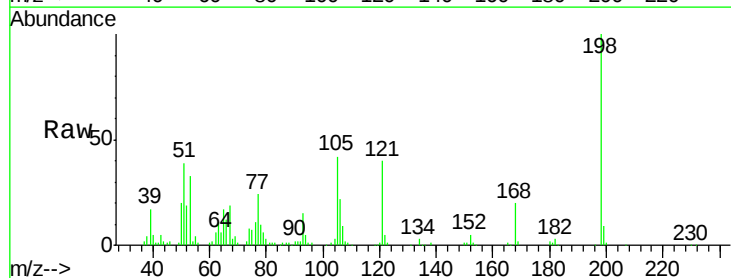
Instrument :
BNA_G
ClientSampleId :
PB87048BS

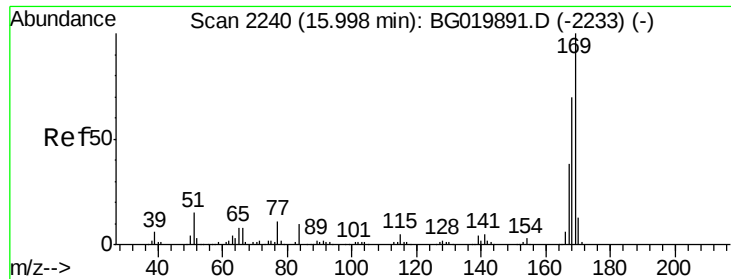
Tgt Ion:188 Resp: 265343
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5
80 10.1 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.62 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:198 Resp: 65779
Ion Ratio Lower Upper
198 100
51 38.8 14.2 54.2
105 41.7 21.1 61.1

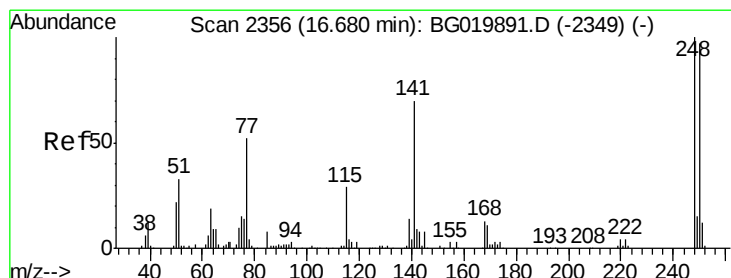
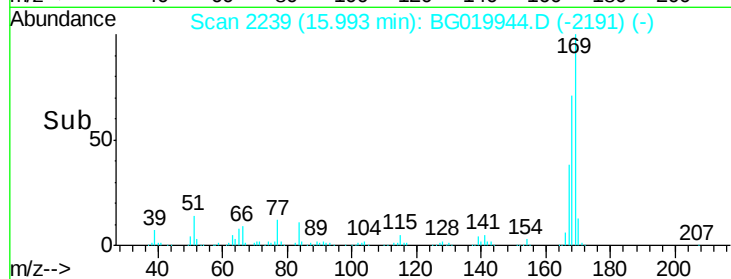
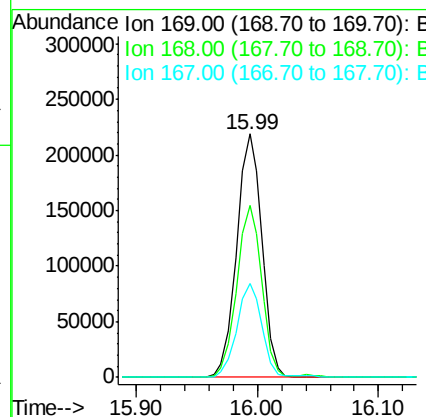
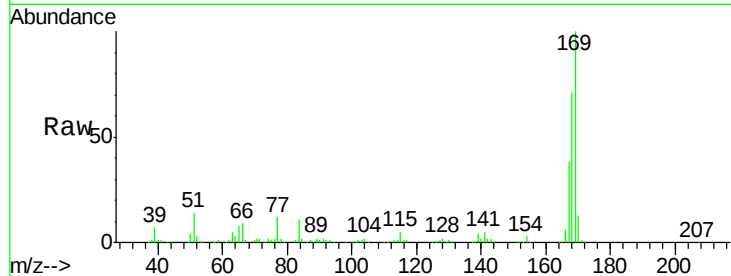




#65
 n-Nitrosodiphenylamine
 Concen: 41.42 ng
 RT: 15.99 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

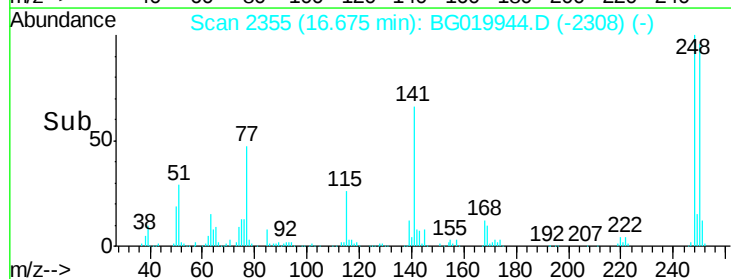
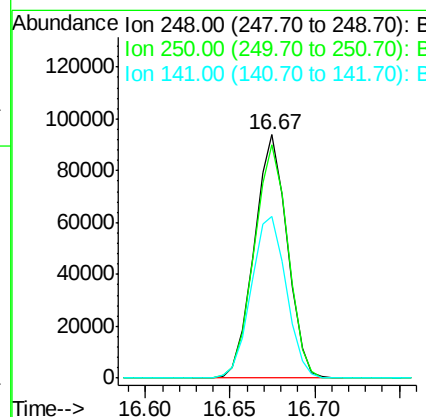
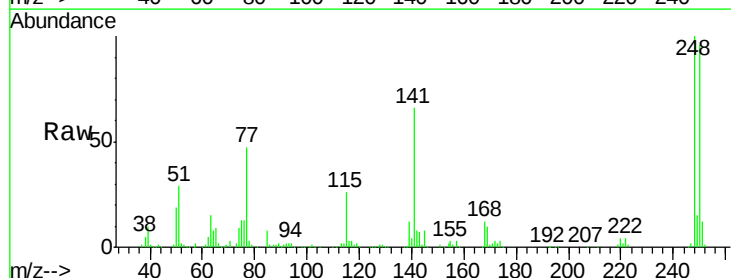
Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

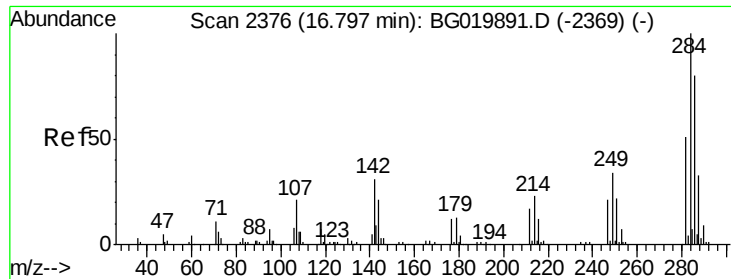
Tgt Ion:169 Resp: 318076
 Ion Ratio Lower Upper
 169 100
 168 70.8 58.2 87.2
 167 38.3 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 38.85 ng
 RT: 16.67 min Scan# 2355
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion:248 Resp: 128096
 Ion Ratio Lower Upper
 248 100
 250 96.0 77.8 116.8
 141 66.4 50.4 75.6





#67

Hexachlorobenzene

Concen: 40.12 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

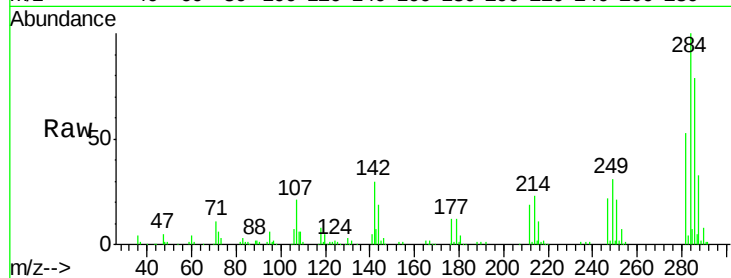
Tgt Ion:284 Resp: 137790

Ion Ratio Lower Upper

284 100

142 29.9 26.6 39.8

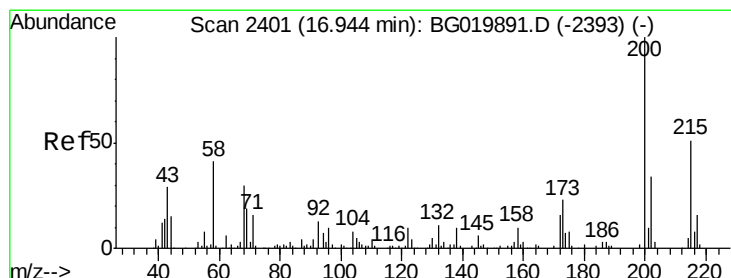
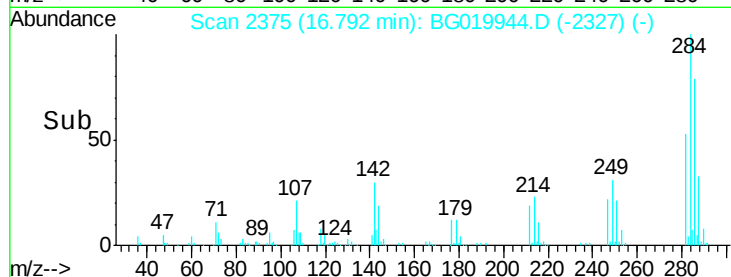
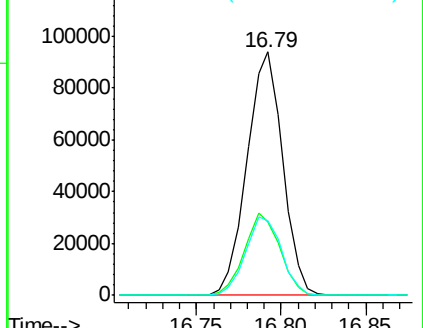
249 30.8 26.2 39.2



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: 39.87 ng

RT: 16.94 min Scan# 2400

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

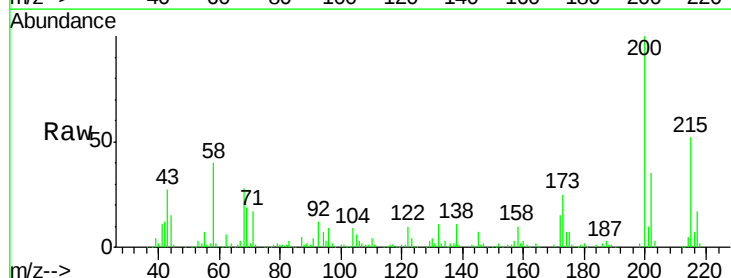
Tgt Ion:200 Resp: 133012

Ion Ratio Lower Upper

200 100

173 24.6 5.2 45.2

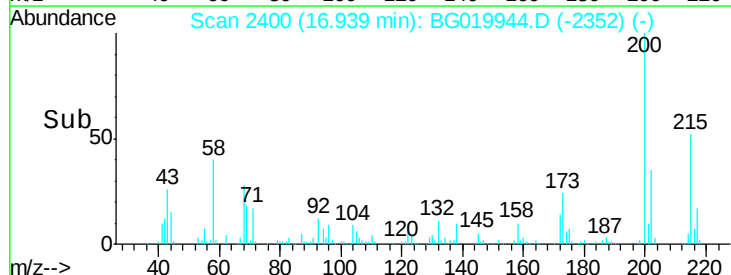
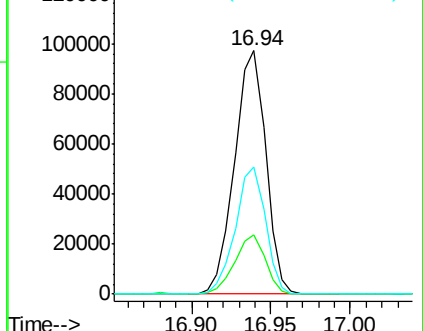
215 52.1 27.0 67.0

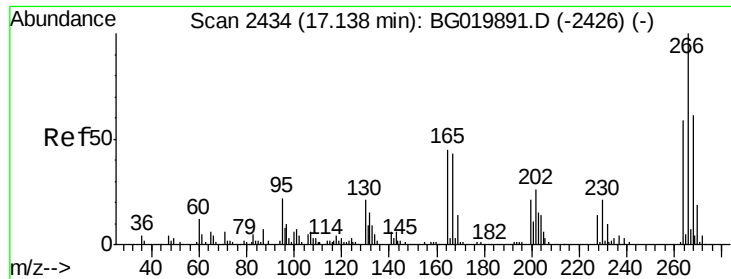


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

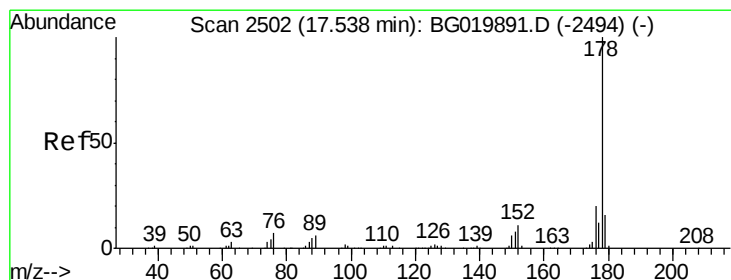
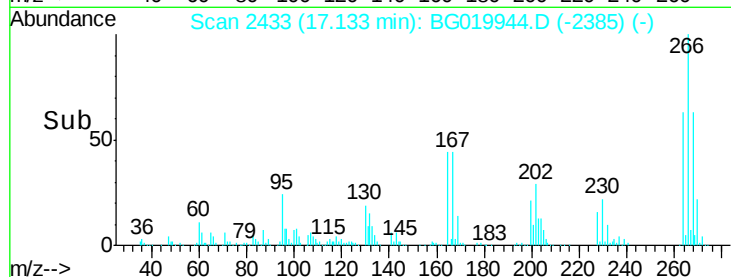
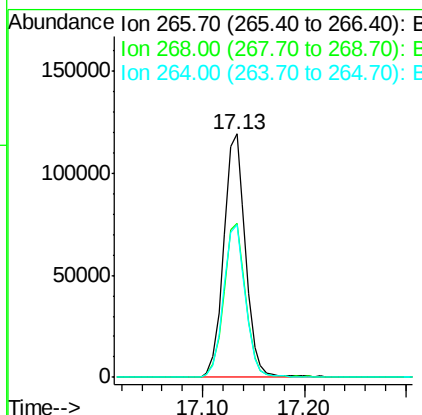
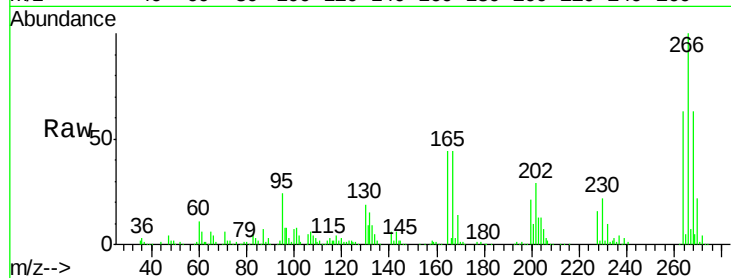




#69
 Pentachlorophenol
 Concen: 88.63 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

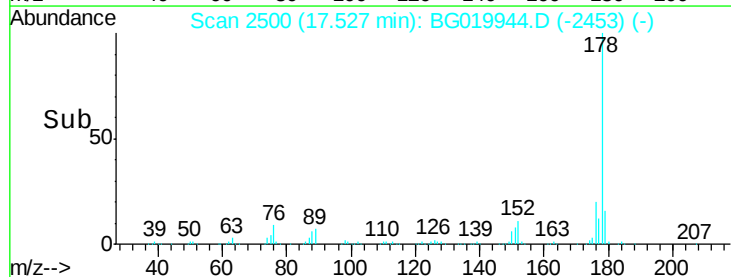
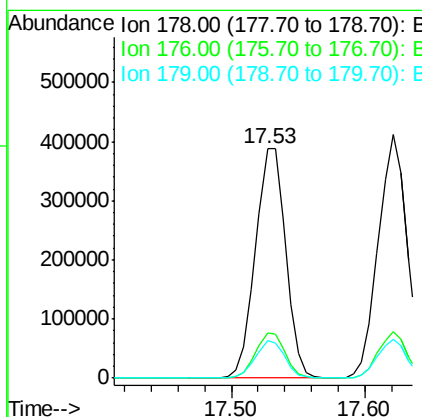
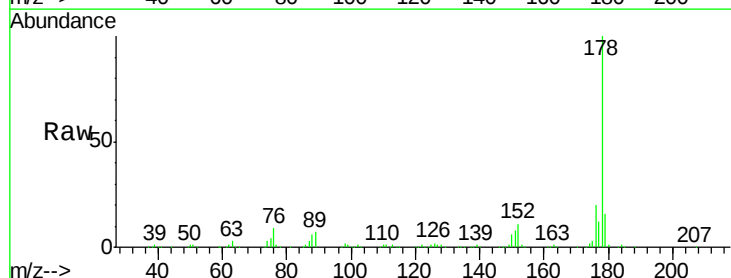
Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

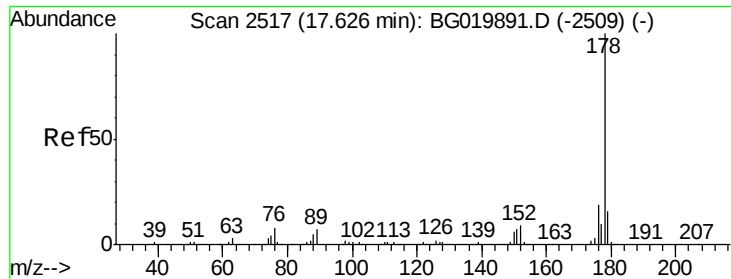
Tgt Ion:266 Resp: 177677
 Ion Ratio Lower Upper
 266 100
 268 63.2 47.6 71.4
 264 62.5 48.1 72.1



#70
 Phenanthrene
 Concen: 40.34 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion:178 Resp: 605550
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.7 25.1
 179 16.3 13.9 20.9

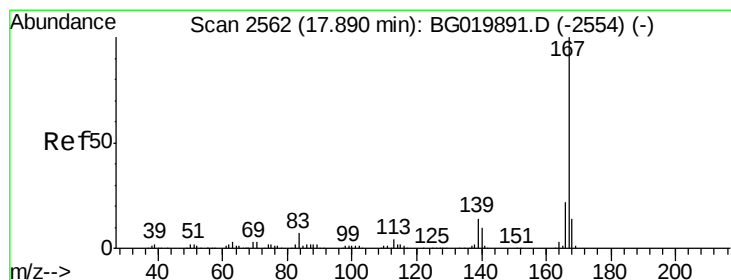
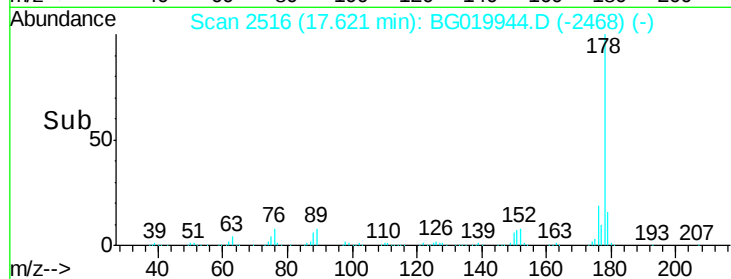
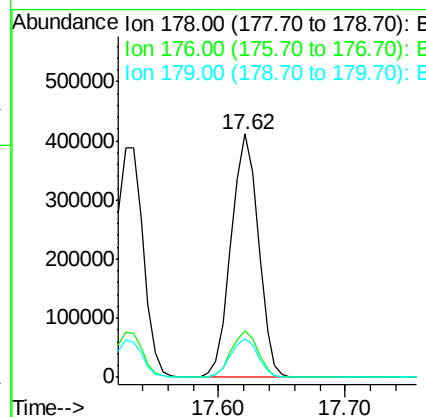
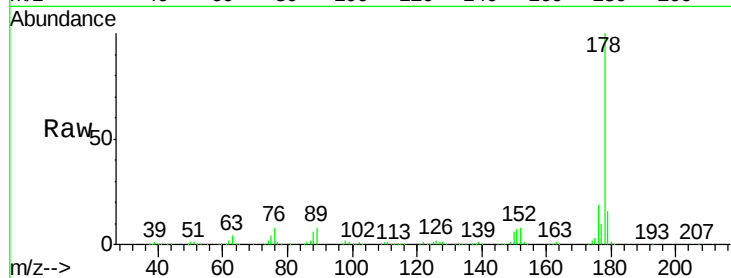




#71
 Anthracene
 Concen: 40.03 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

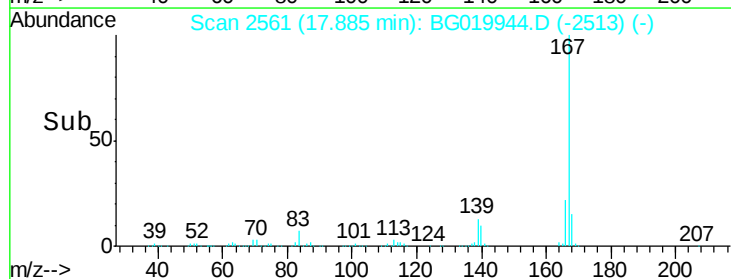
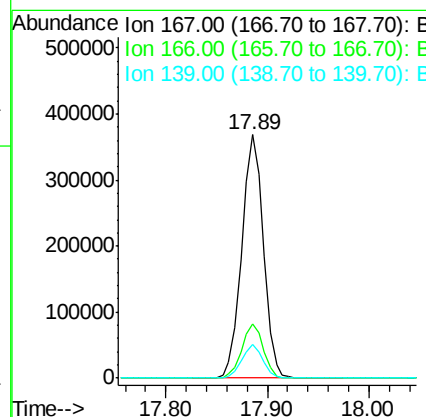
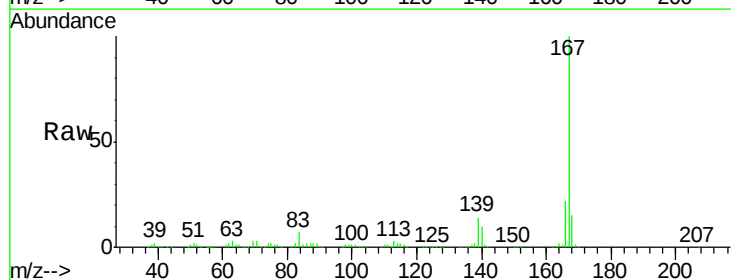
Instrument :
 BNA_G
 ClientSampled :
 PB87048BS

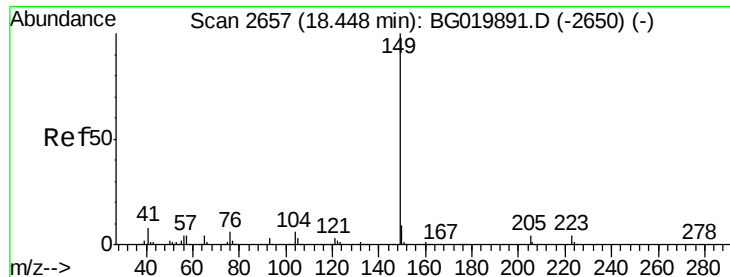
Tgt Ion:178 Resp: 612159
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.8 25.2
 179 16.0 13.9 20.9



#72
 Carbazole
 Concen: 40.51 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion:167 Resp: 545726
 Ion Ratio Lower Upper
 167 100
 166 22.4 19.0 28.6
 139 13.7 10.2 15.4

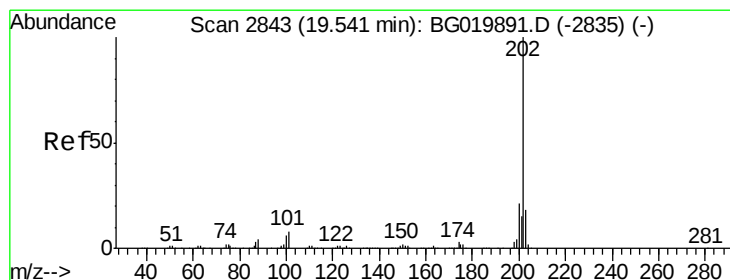
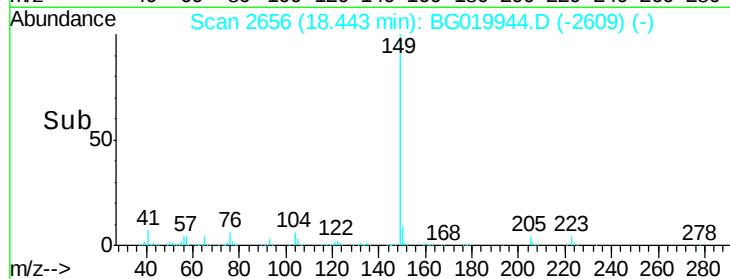
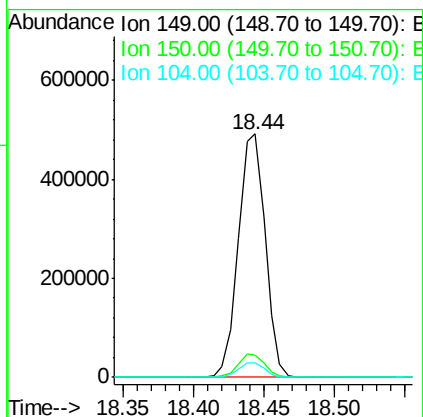
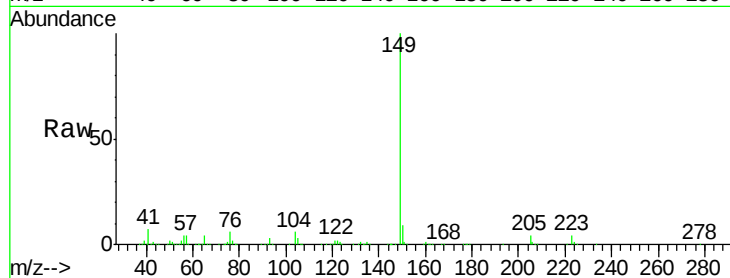




#73
Di-n-butylphthalate
Concen: 39.54 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

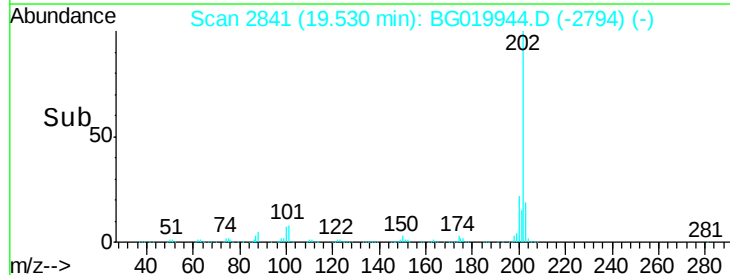
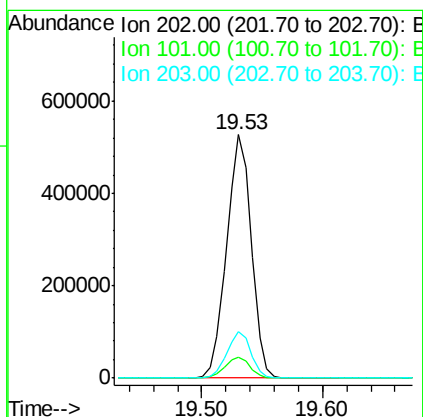
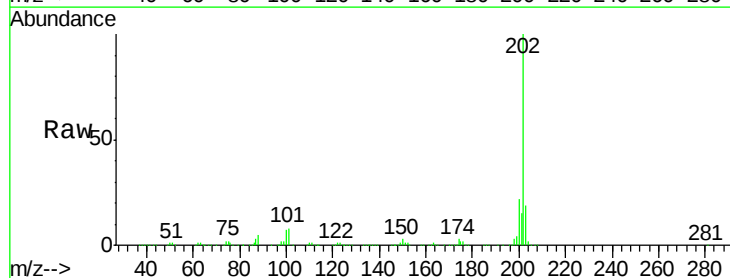
Instrument :
BNA_G
ClientSampleId :
PB87048BS

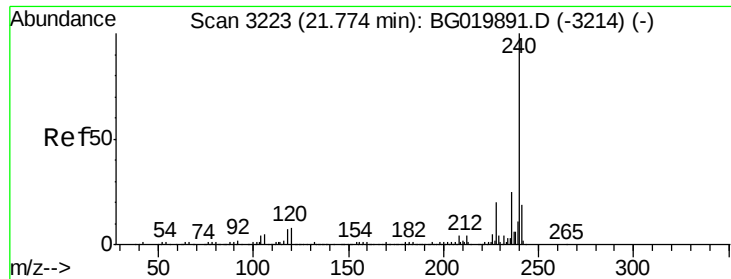
Tgt Ion:149 Resp: 652793
Ion Ratio Lower Upper
149 100
150 9.1 8.2 12.4
104 5.8 4.4 6.6



#74
Fluoranthene
Concen: 38.81 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion:202 Resp: 745273
Ion Ratio Lower Upper
202 100
101 8.4 0.0 32.4
203 18.8 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampled :

PB87048BS

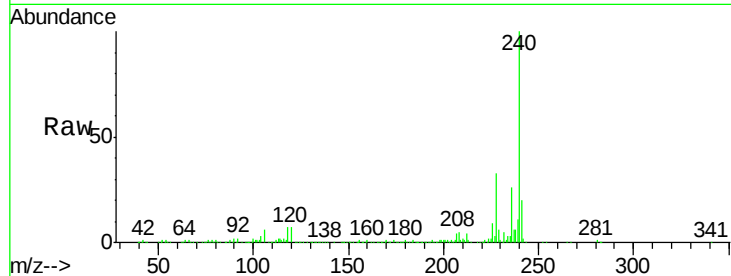
Tgt Ion:240 Resp: 316722

Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.0

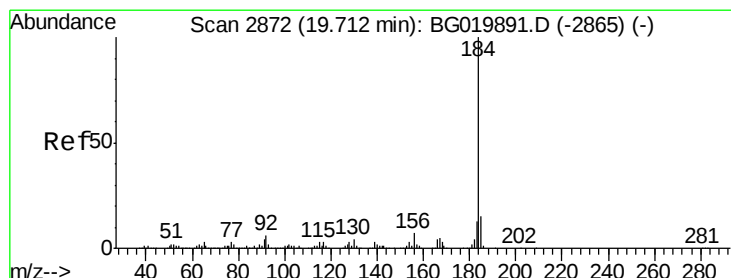
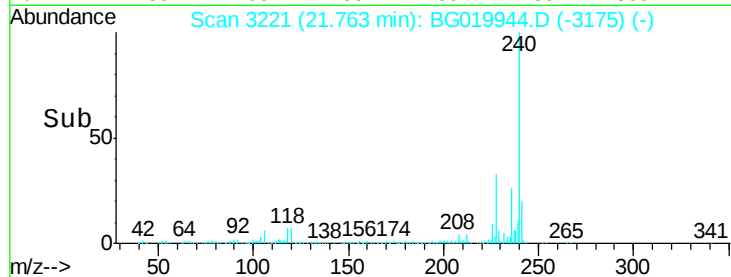
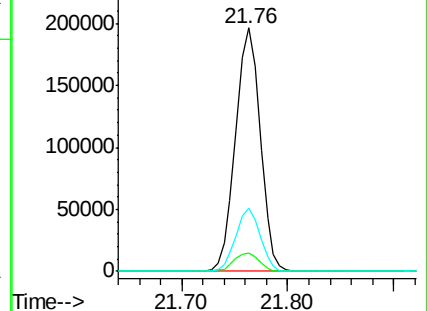
236 25.7 20.7 31.1



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: 23.46 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

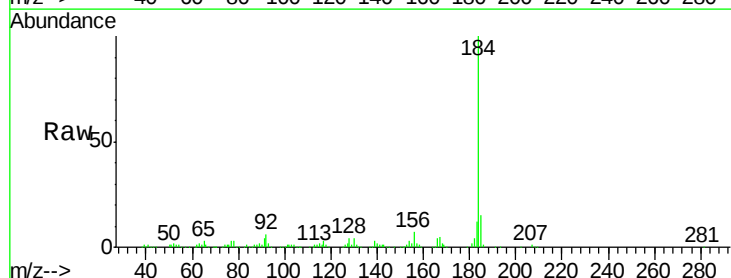
Tgt Ion:184 Resp: 244088

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.2

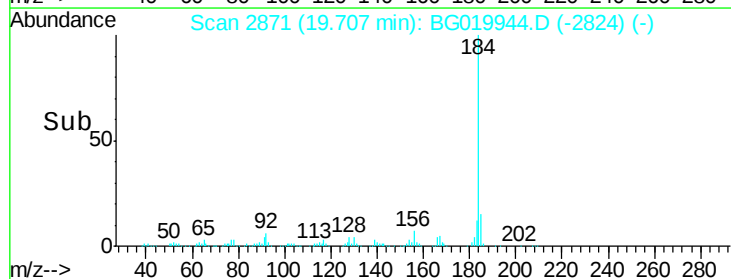
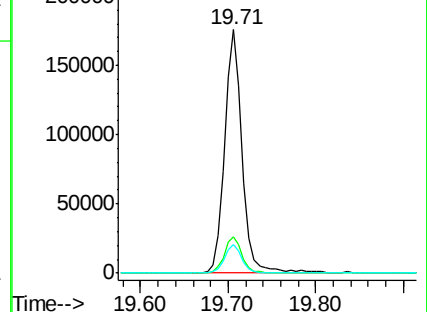
183 11.9 10.1 15.1

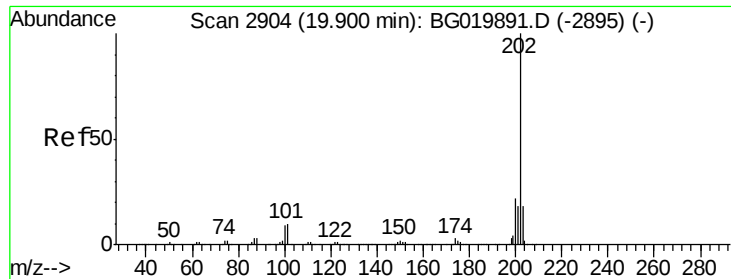


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.56 ng

RT: 19.89 min Scan# 2903

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

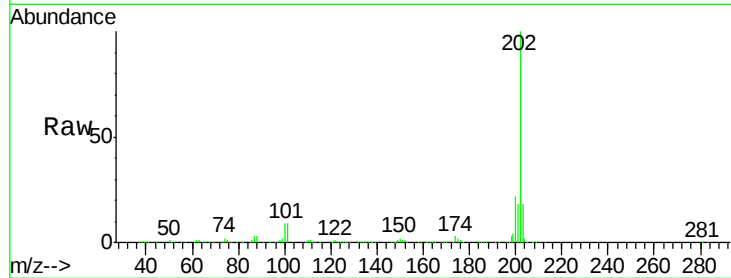
Tgt Ion:202 Resp: 774379

Ion Ratio Lower Upper

202 100

200 22.3 19.4 29.0

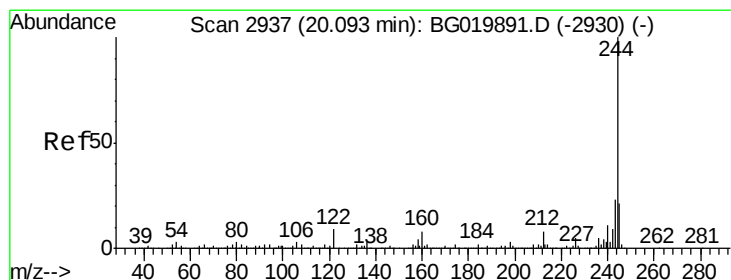
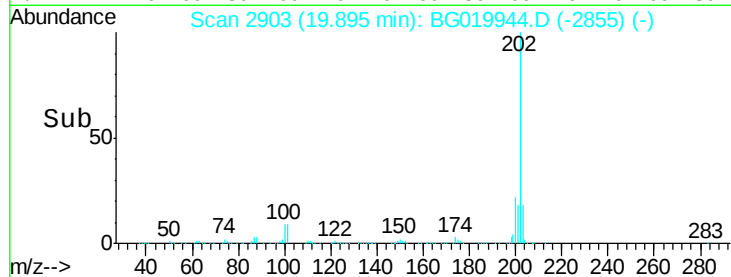
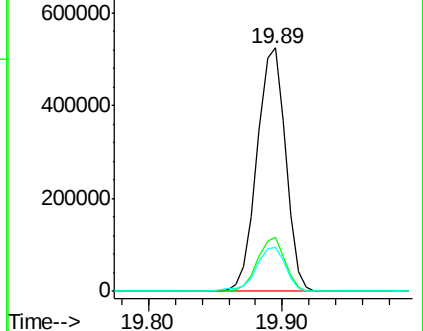
203 18.0 15.5 23.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.27 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

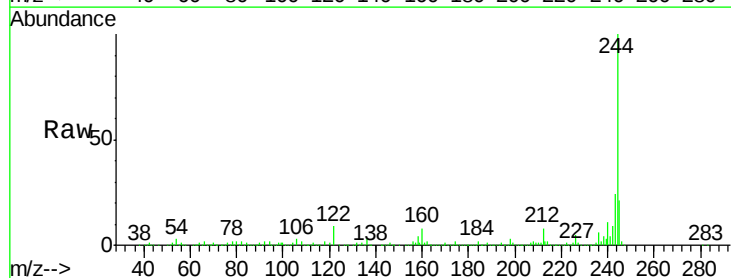
Tgt Ion:244 Resp: 925384

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

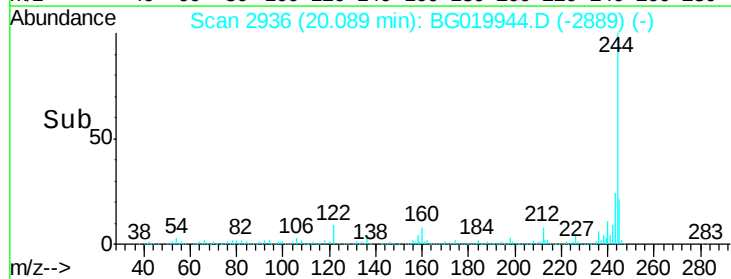
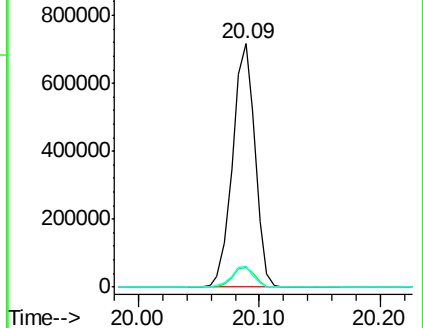
122 8.7 10.2 15.2#

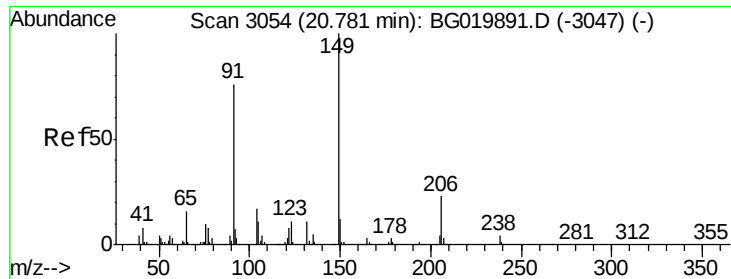


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

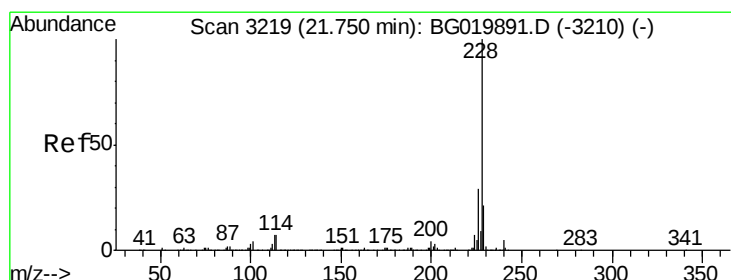
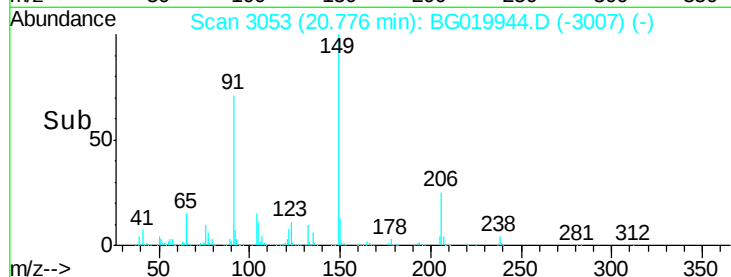
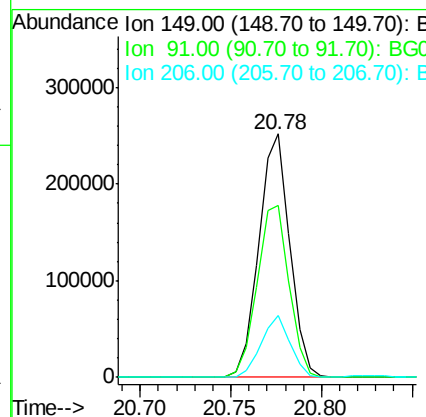
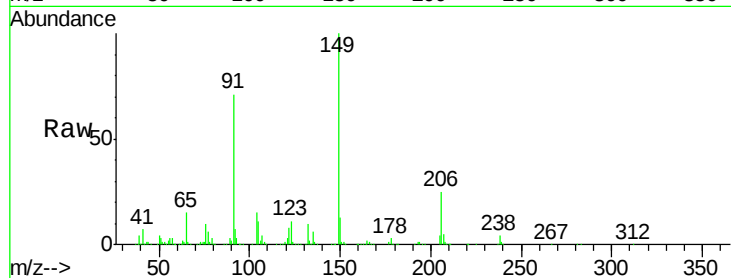




#79
Butylbenzylphthalate
Concen: 40.79 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.03 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

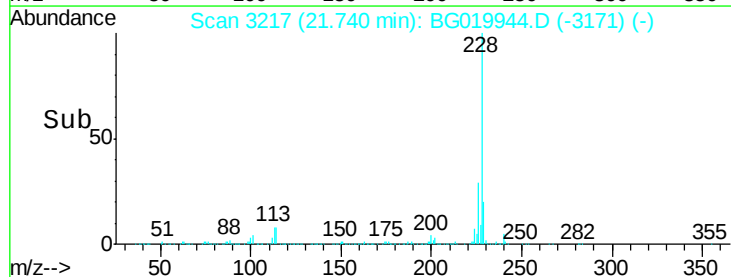
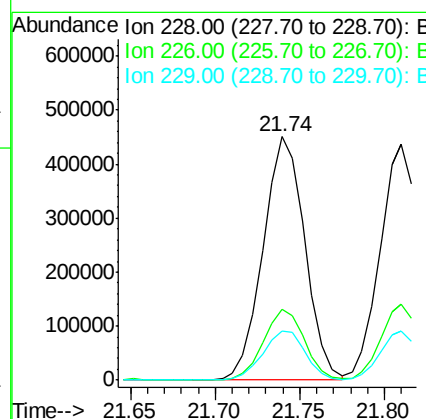
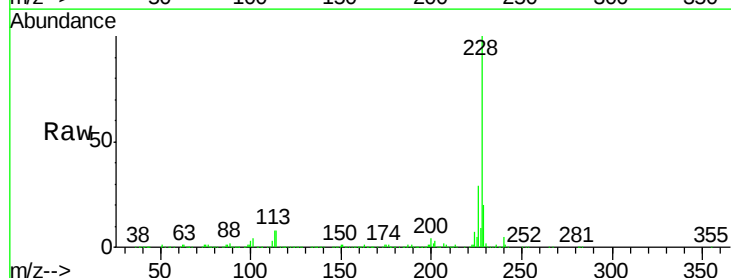
Instrument :
BNA_G
ClientSampleId :
PB87048BS

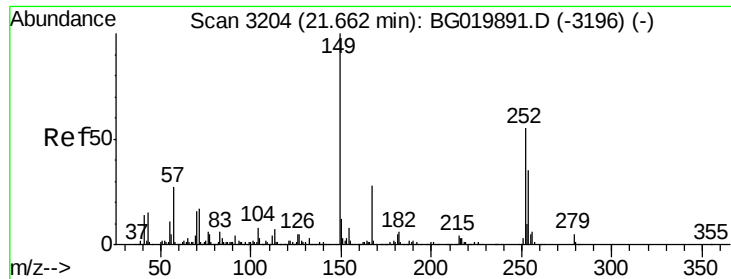
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	58.1	87.1
206	25.2	17.8	26.8



#80
Benzo(a)anthracene
Concen: 39.98 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.03 min
Lab File: BG019944.D
Acq: 5 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.0
229	20.2	16.6	25.0

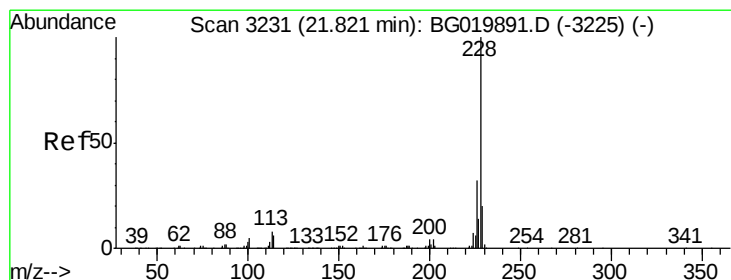
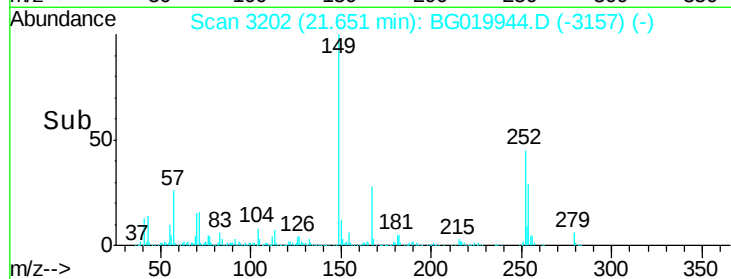
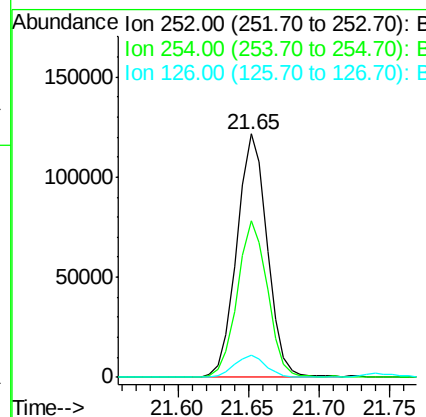
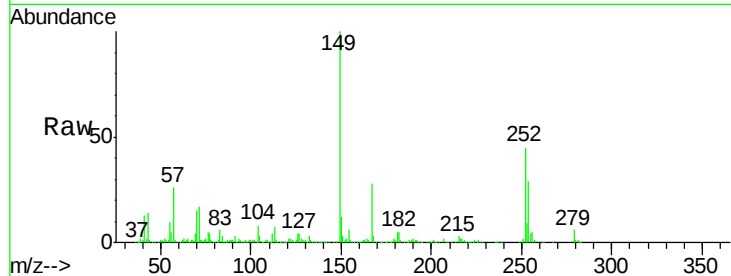




#81
 3,3'-Dichlorobenzidine
 Concen: 24.81 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

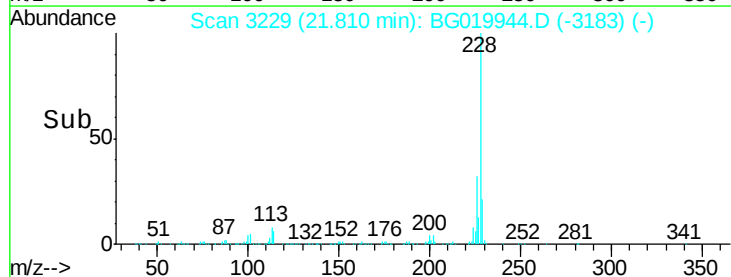
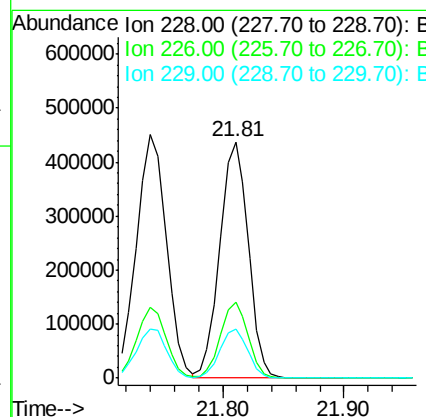
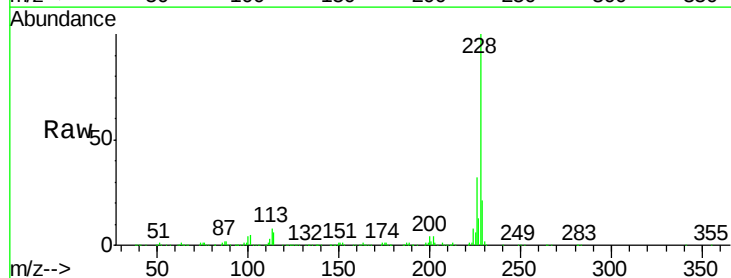
Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

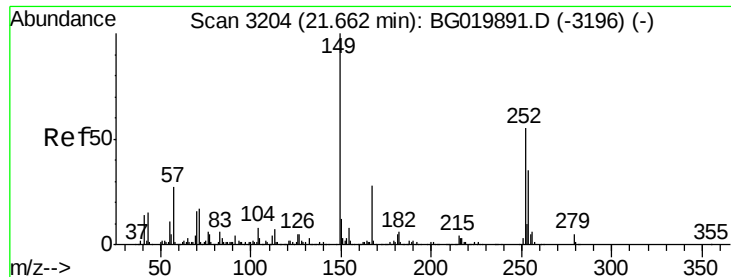
Tgt Ion: 252 Resp: 183162
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.5 78.7
 126 9.0 8.5 12.7



#82
 Chrysene
 Concen: 38.54 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.03 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion: 228 Resp: 709356
 Ion Ratio Lower Upper
 228 100
 226 31.9 26.7 40.1
 229 20.5 17.0 25.6

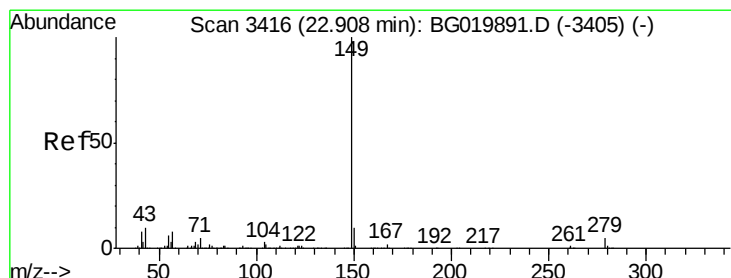
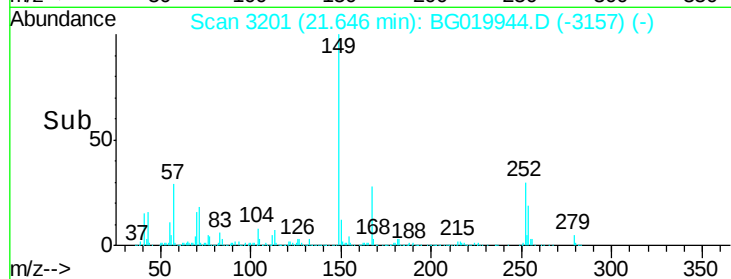
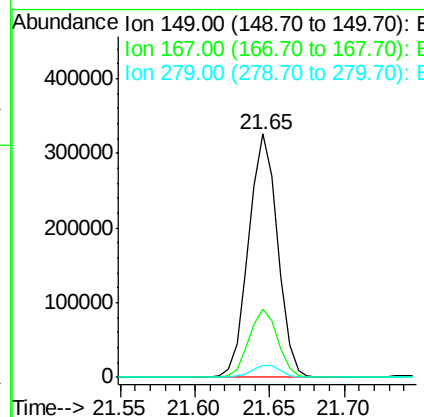
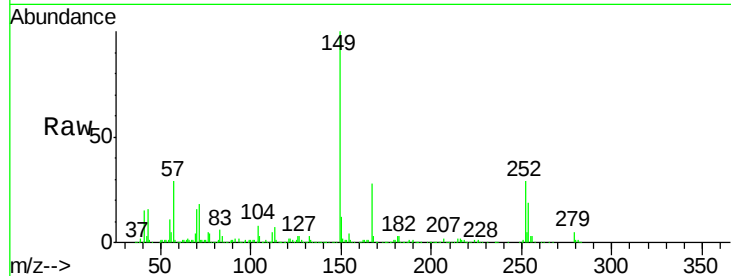




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.53 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

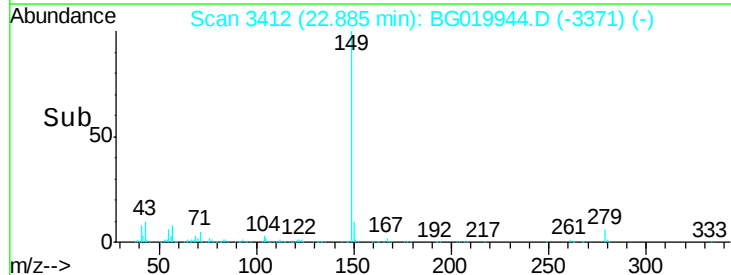
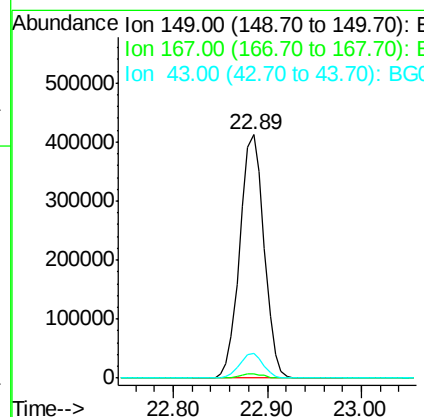
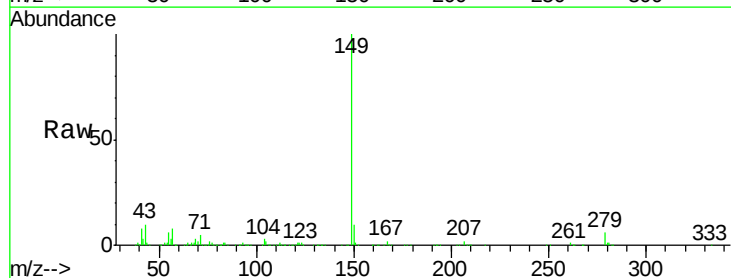
Instrument :
 BNA_G
 ClientSampleId :
 PB87048BS

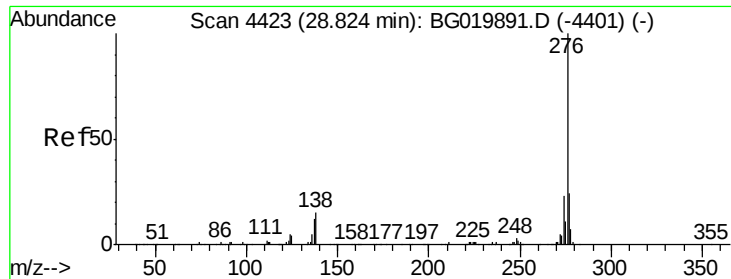
Tgt Ion:149 Resp: 434378
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.8 35.8
 279 4.8 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 42.30 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.06 min
 Lab File: BG019944.D
 Acq: 5 Dec 2015 16:21

Tgt Ion:149 Resp: 737132
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.7 5.9 8.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.90 ng

RT: 28.79 min Scan# 4417

Delta R.T. -0.10 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

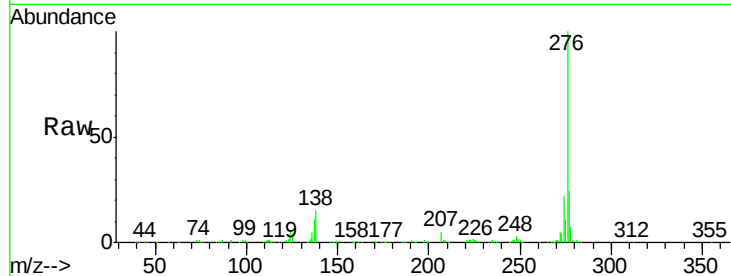
Tgt Ion:276 Resp: 869861

Ion Ratio Lower Upper

276 100

138 13.8 0.0 0.0#

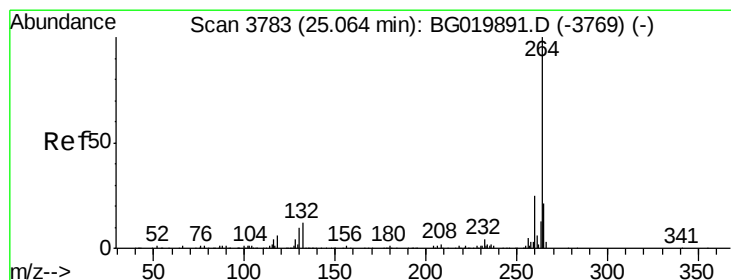
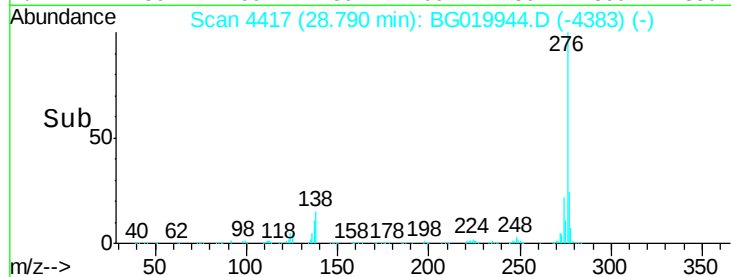
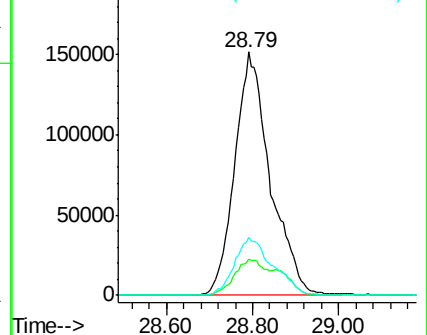
277 25.6 0.0 0.0#



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: 25.04 min Scan# 3779

Delta R.T. -0.05 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

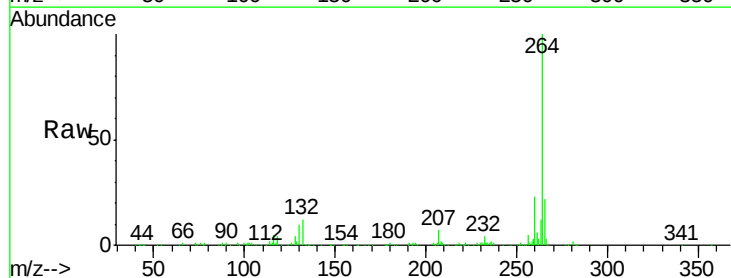
Tgt Ion:264 Resp: 294340

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

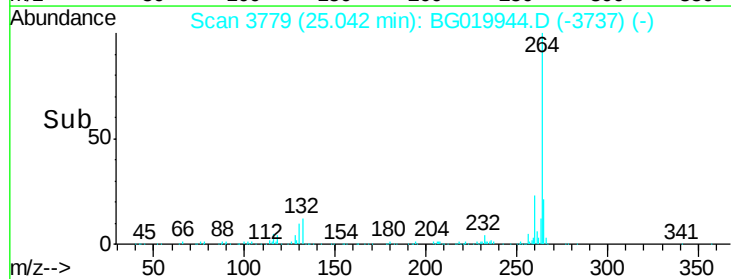
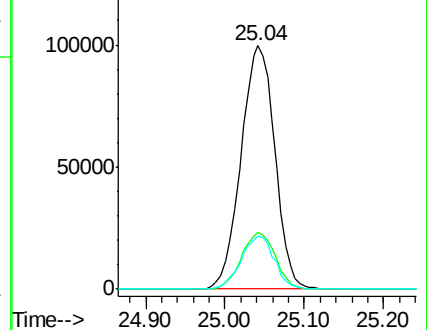
265 21.6 17.2 25.8

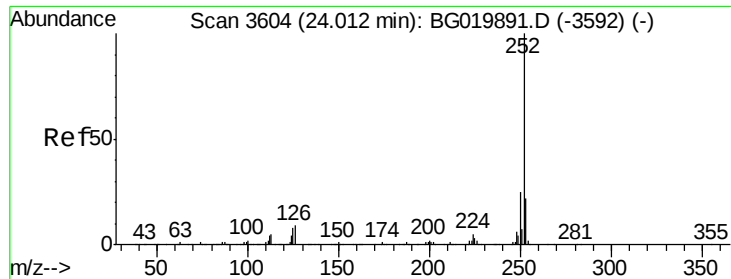


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.62 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.05 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

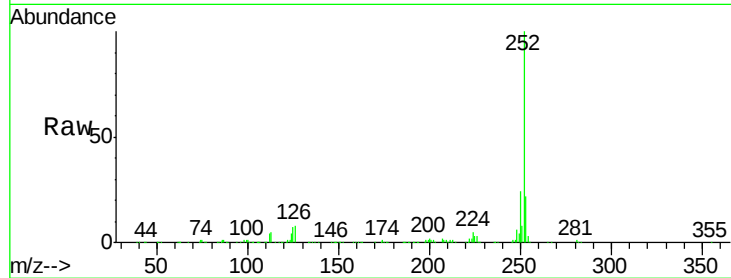
Tgt Ion:252 Resp: 757736

Ion Ratio Lower Upper

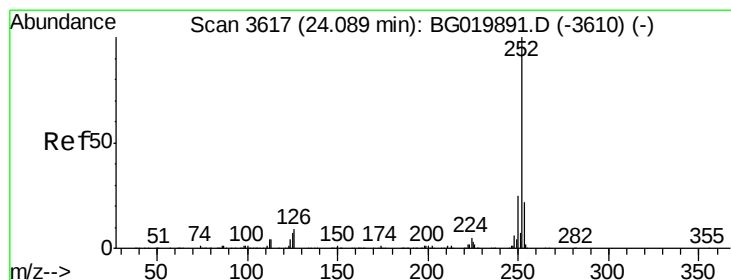
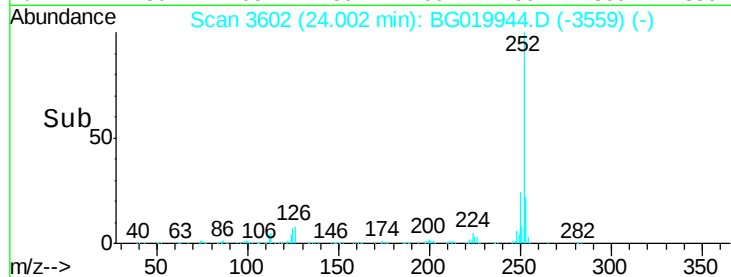
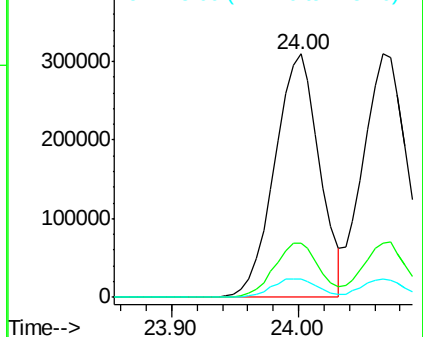
252 100

253 22.4 19.1 28.7

125 7.4 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: 39.93 ng

RT: 24.07 min Scan# 3613

Delta R.T. -0.05 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

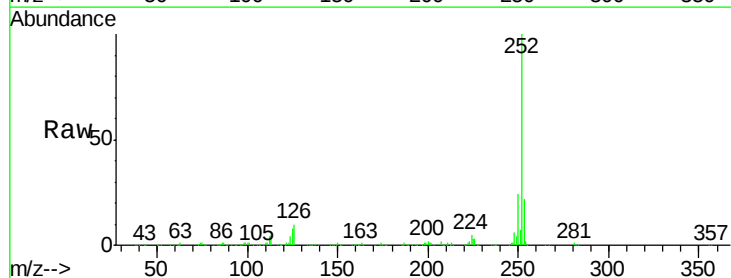
Tgt Ion:252 Resp: 737737

Ion Ratio Lower Upper

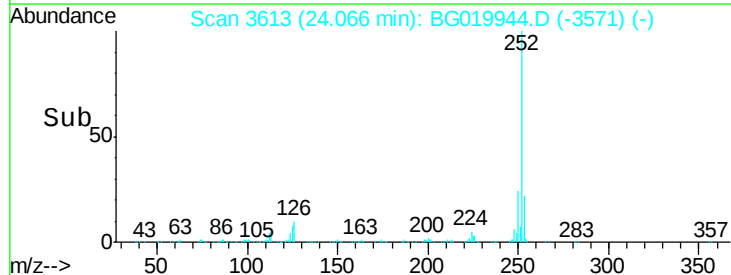
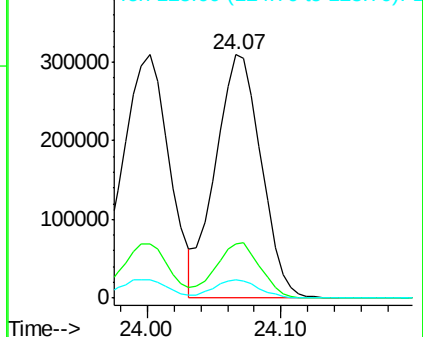
252 100

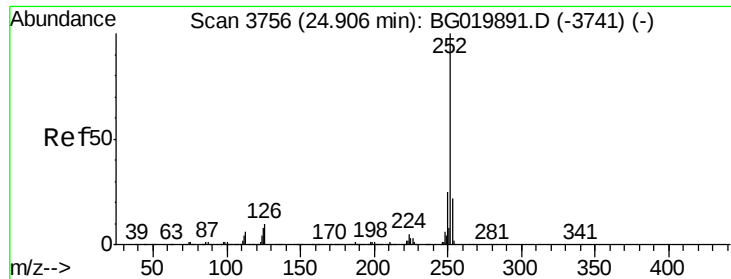
253 22.1 19.0 28.4

125 7.8 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: 41.63 ng

RT: 24.89 min Scan# 3754

Delta R.T. -0.05 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

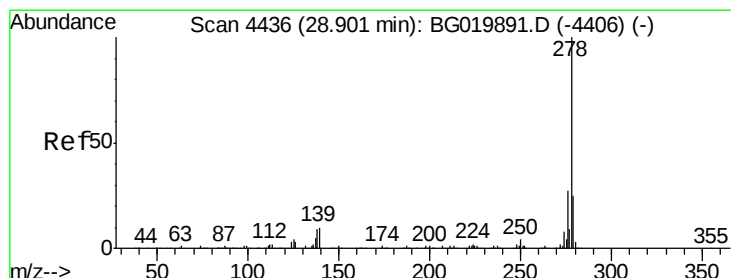
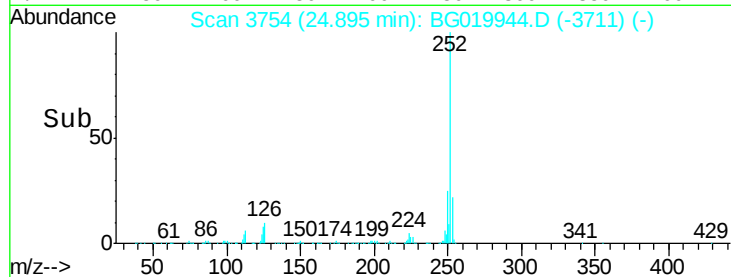
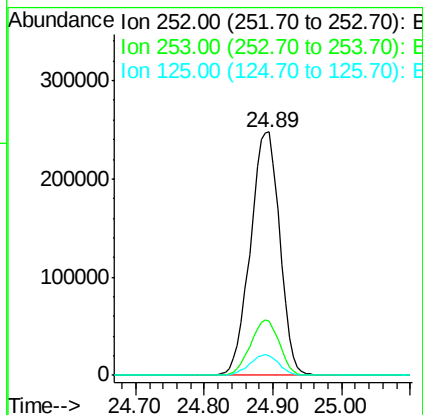
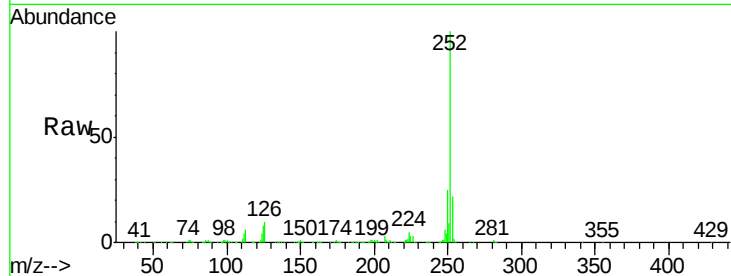
Instrument :

BNA_G

ClientSampleId :

PB87048BS

Tgt Ion:	252	Resp:	737224
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	8.0	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 40.88 ng

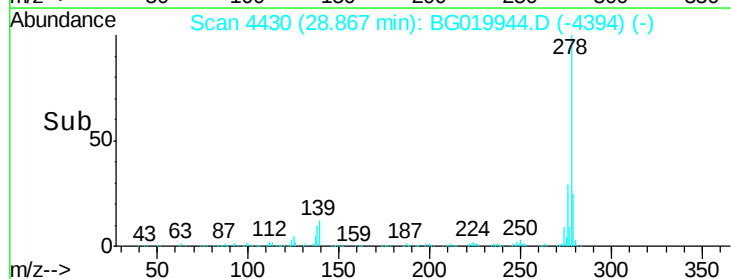
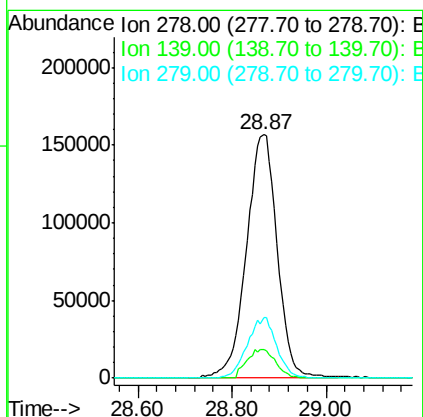
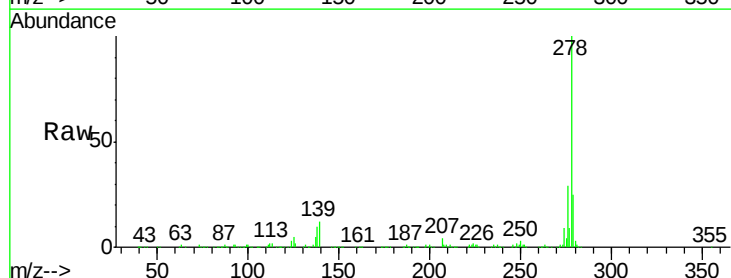
RT: 28.87 min Scan# 4430

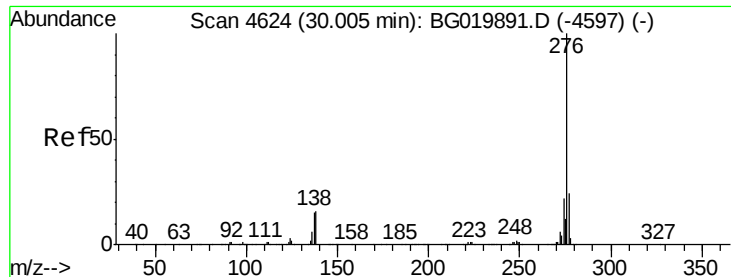
Delta R.T. -0.09 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Tgt Ion:	278	Resp:	715356
Ion	Ratio	Lower	Upper
278	100		
139	11.9	13.8	20.6#
279	25.1	19.4	29.0





#91

Benzo(g,h,i)perylene

Concen: 41.80 ng

RT: 29.97 min Scan# 4617

Delta R.T. -0.11 min

Lab File: BG019944.D

Acq: 5 Dec 2015 16:21

Instrument :

BNA_G

ClientSampleId :

PB87048BS

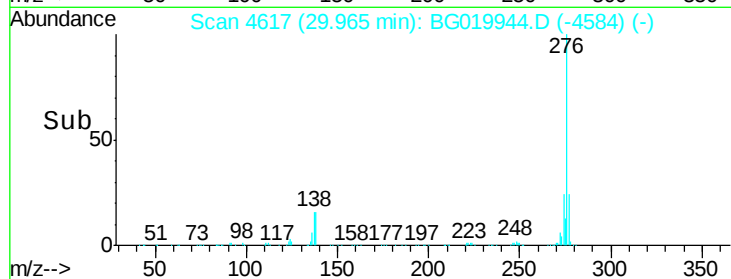
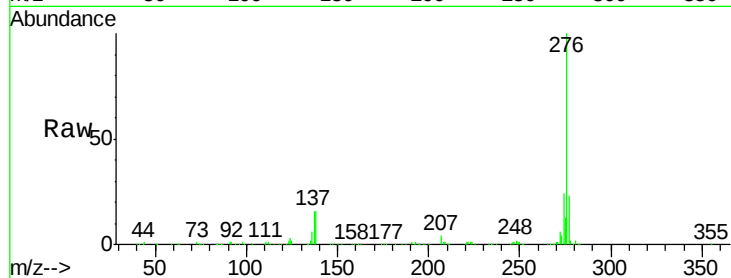
Tgt Ion: 276 Resp: 718262

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 16.2 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

