

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
 Data File : BG020030.D
 Acq On : 9 Dec 2015 6:11
 Operator : UM/SJ
 Sample : PB87151BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

Quant Time: Dec 09 07:15:04 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	17549	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	77623	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	55407	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	140464	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	173765	20.00	ng	-0.03
86) Perylene-d12	25.03	264	161635	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	86618	89.21	ng	-0.02
7) Phenol-d6	7.26	99	128307	87.52	ng	-0.02
23) Nitrobenzene-d5	9.28	82	119147	78.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	66822	78.82	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	305817	75.36	ng	-0.03
78) Terphenyl-d14	20.08	244	559001	78.47	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	11539	30.51	ng	# 100
3) Pyridine	3.92	79	37972	33.05	ng	89
4) n-Nitrosodimethylamine	3.83	42	19565	32.38	ng	81
6) Aniline	7.43	93	30925	16.29	ng	# 88
8) 2-Chlorophenol	7.67	128	48840	41.25	ng	96
9) Benzaldehyde	7.24	77	25894	26.49	ng	91
10) Phenol	7.29	94	65715	42.59	ng	83
11) bis(2-Chloroethyl)ether	7.52	93	42322	37.04	ng	92
12) 1,3-Dichlorobenzene	8.00	146	47665	35.52	ng	# 95
13) 1,4-Dichlorobenzene	8.14	146	48600	35.06	ng	96
14) 1,2-Dichlorobenzene	8.47	146	48329	36.56	ng	# 93
15) Benzyl Alcohol	8.34	79	49287	38.31	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	61940	33.24	ng	95
17) 2-Methylphenol	8.54	107	44513	40.87	ng	# 91
18) Hexachloroethane	9.20	117	17686	34.08	ng	88
19) n-Nitroso-di-n-propylamine	8.91	70	38862	33.61	ng	91
20) 3+4-Methylphenols	8.87	107	62872	40.99	ng	94
22) Acetophenone	8.94	105	74151	34.85	ng	# 94
24) Nitrobenzene	9.32	77	60459	36.65	ng	# 88
25) Isophorone	9.84	82	109407	33.55	ng	94
26) 2-Nitrophenol	10.04	139	26879	42.18	ng	# 73
27) 2,4-Dimethylphenol	10.08	122	50616	38.15	ng	87
28) bis(2-Chloroethoxy)methane	10.32	93	61209	38.41	ng	99
29) 2,4-Dichlorophenol	10.57	162	56337	41.56	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	54986	35.89	ng	97
31) Naphthalene	10.98	128	152615	36.70	ng	99
32) Benzoic acid	10.20	122	37072	42.27	ng	92
33) 4-Chloroaniline	11.08	127	21218	11.58	ng	# 94
34) Hexachlorobutadiene	11.26	225	39476	34.93	ng	97
35) Caprolactam	11.85	113	19234	38.12	ng	# 76
36) 4-Chloro-3-methylphenol	12.19	107	64440	38.17	ng	92
37) 2-Methylnaphthalene	12.58	142	117294	38.49	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	76186	36.23	ng	98
40) Hexachlorocyclopentadiene	12.92	237	77782	64.88	ng	98

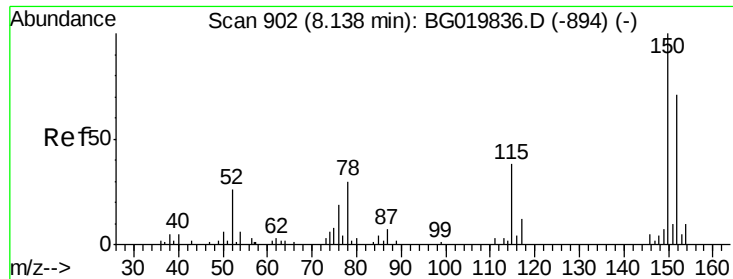
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120915\
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Quant Time: Dec 09 07:15:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	52839	37.96	ng	96
43) 2,4,5-Trichlorophenol	13.24	196	59346	40.34	ng	96
45) 1,1'-Biphenyl	13.57	154	158905	34.95	ng	99
46) 2-Chloronaphthalene	13.62	162	128855	36.76	ng	95
47) 2-Nitroaniline	13.82	65	45540	41.14	ng	95
48) Acenaphthylene	14.47	152	214877	35.99	ng	99
49) Dimethylphthalate	14.19	163	172885	34.69	ng	98
50) 2,6-Dinitrotoluene	14.31	165	38437	41.02	ng	# 81
51) Acenaphthene	14.80	154	142980	39.47	ng	98
52) 3-Nitroaniline	14.64	138	22795	23.41	ng	98
53) 2,4-Dinitrophenol	14.84	184	30719	63.73	ng	90
54) Dibenzofuran	15.14	168	217784	40.41	ng	92
55) 4-Nitrophenol	14.94	139	63479	74.87	ng	# 71
56) 2,4-Dinitrotoluene	15.10	165	55978	42.82	ng	# 96
57) Fluorene	15.78	166	173868	36.04	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	59329	43.57	ng	95
59) Diethylphthalate	15.55	149	181664	33.68	ng	97
60) 4-Chlorophenyl-phenylether	15.77	204	97852	35.33	ng	97
61) 4-Nitroaniline	15.80	138	41241	37.66	ng	# 77
62) Azobenzene	16.07	77	171601	38.23	ng	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	29242	38.45	ng	92
65) n-Nitrosodiphenylamine	15.99	169	158891	39.09	ng	94
66) 4-Bromophenyl-phenylether	16.67	248	65882	37.75	ng	97
67) Hexachlorobenzene	16.79	284	70538	38.80	ng	96
68) Atrazine	16.93	200	65267	36.96	ng	97
69) Pentachlorophenol	17.13	266	85591	80.66	ng	95
70) Phenanthrene	17.52	178	307509	38.69	ng	97
71) Anthracene	17.62	178	308071	38.06	ng	97
72) Carbazole	17.88	167	274019	38.43	ng	98
73) Di-n-butylphthalate	18.43	149	318459	36.43	ng	98
74) Fluoranthene	19.53	202	384648	37.84	ng	94
76) Benzidine	19.70	184	100782	17.66	ng	96
77) Pyrene	19.89	202	396560	38.79	ng	95
79) Butylbenzylphthalate	20.77	149	151085	37.71	ng	98
80) Benzo(a)anthracene	21.73	228	407101	38.27	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	85969	21.22	ng	99
82) Chrysene	21.81	228	362233	35.87	ng	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	215930	36.72	ng	95
84) Di-n-octyl phthalate	22.87	149	374236	39.14	ng	# 96
85) Indeno(1,2,3-cd)pyrene	28.77	276	439199	39.48	ng	# 100
87) Benzo(b)fluoranthene	23.99	252	395630	38.62	ng	# 93
88) Benzo(k)fluoranthene	24.06	252	375734	37.03	ng	# 94
89) Benzo(a)pyrene	24.88	252	375483	38.61	ng	# 95
90) Dibenzo(a,h)anthracene	28.84	278	362532	37.73	ng	# 94
91) Benzo(g,h,i)perylene	29.95	276	360377	38.20	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

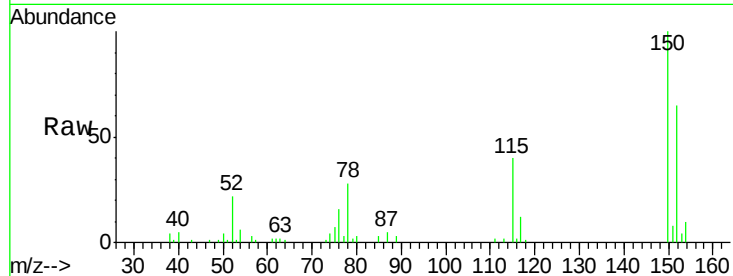
Tgt Ion:152 Resp: 17549

Ion Ratio Lower Upper

152 100

150 154.0 115.0 172.4

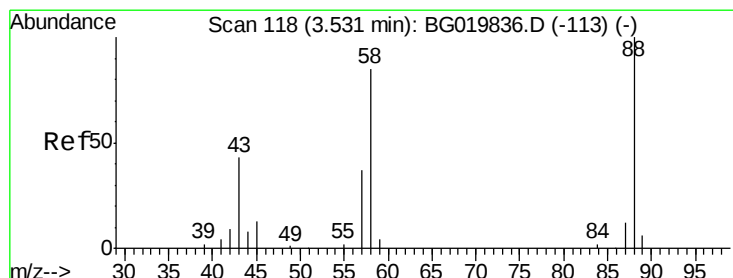
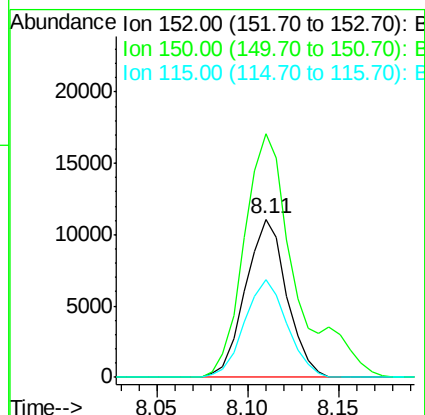
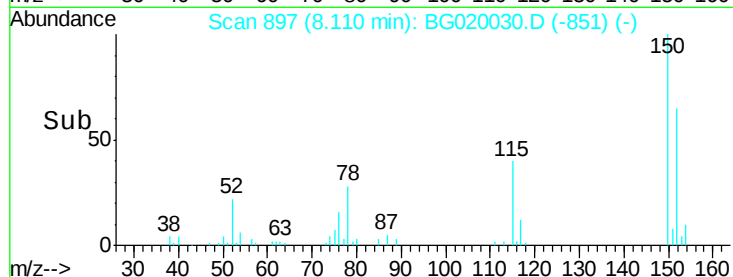
115 61.8 43.9 65.9



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: 30.51 ng

RT: 3.52 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

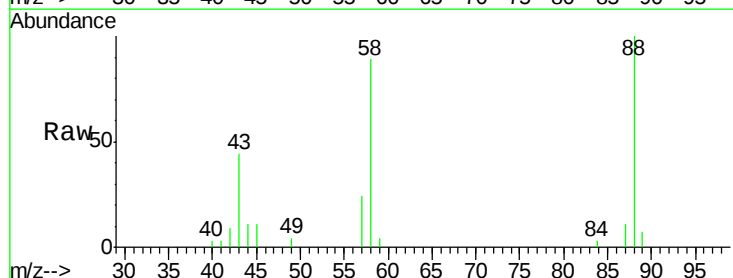
Tgt Ion: 88 Resp: 11539

Ion Ratio Lower Upper

88 100

58 82.1 0.0 0.0#

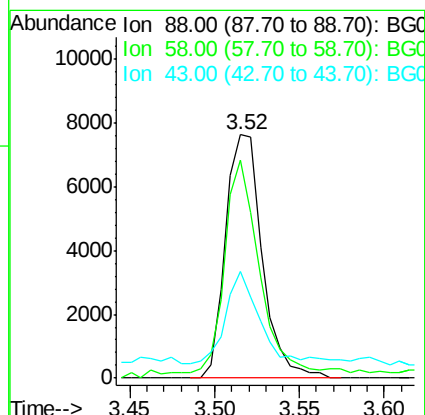
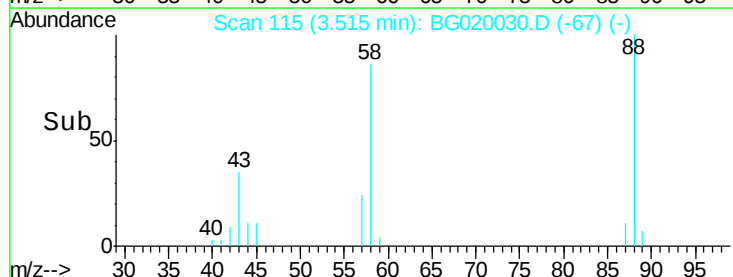
43 35.6 0.0 0.0#



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: 33.05 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

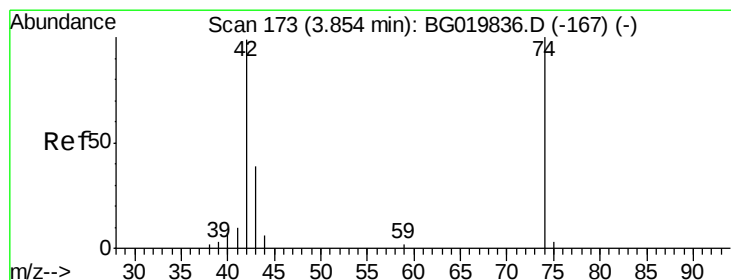
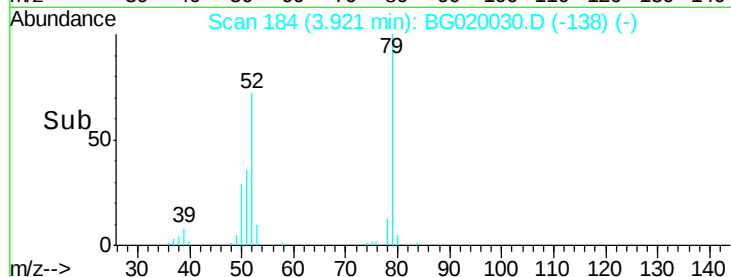
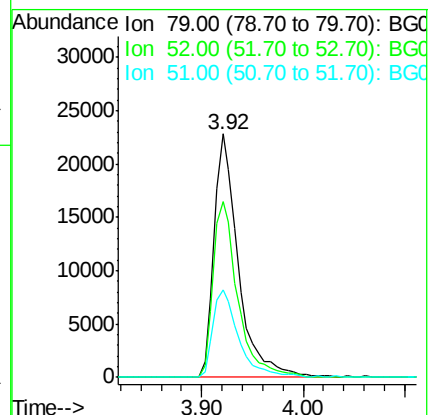
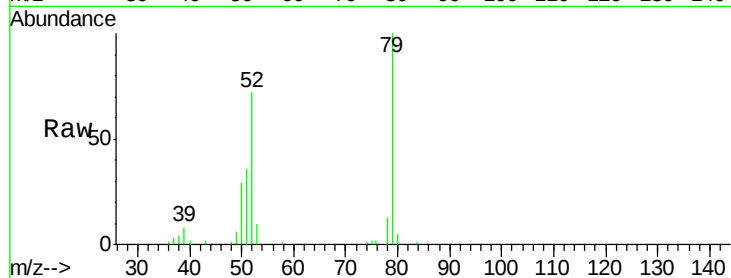
Tgt Ion: 79 Resp: 37972

Ion Ratio Lower Upper

79 100

52 72.2 50.3 75.5

51 35.9 24.8 37.2



#4

n-Nitrosodimethylamine

Concen: 32.38 ng

RT: 3.83 min Scan# 169

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

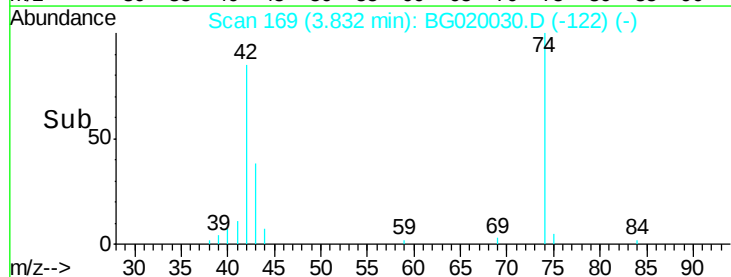
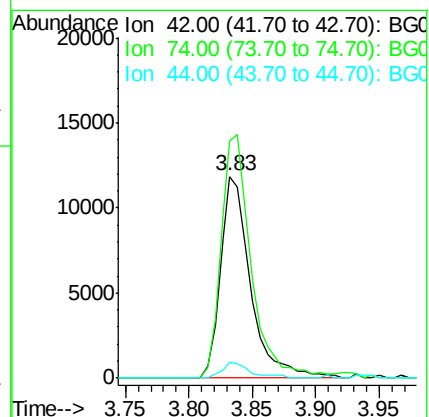
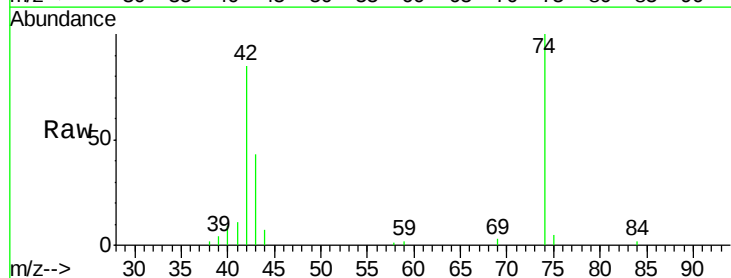
Tgt Ion: 42 Resp: 19565

Ion Ratio Lower Upper

42 100

74 118.0 113.9 170.9

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 89.21 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

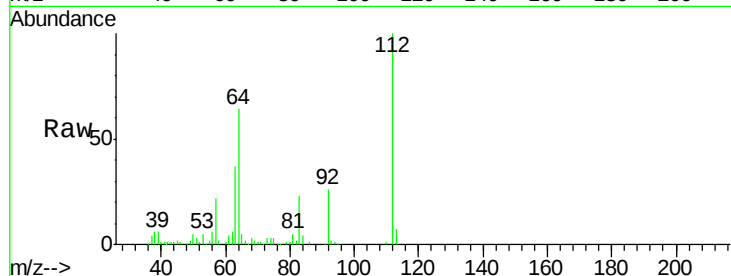
Tgt Ion: 112 Resp: 86618

Ion Ratio Lower Upper

112 100

64 63.5 43.7 65.5

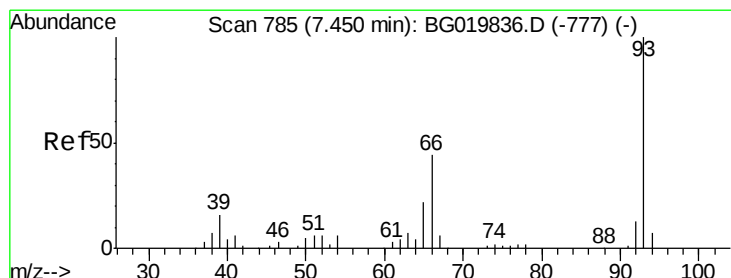
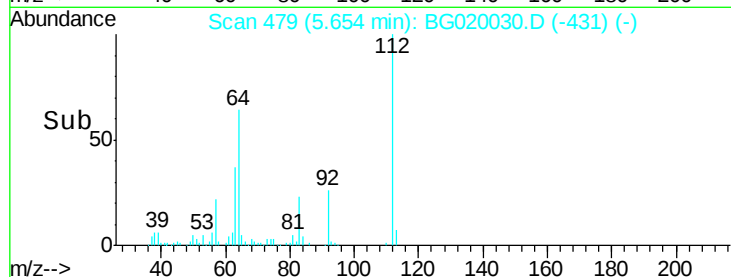
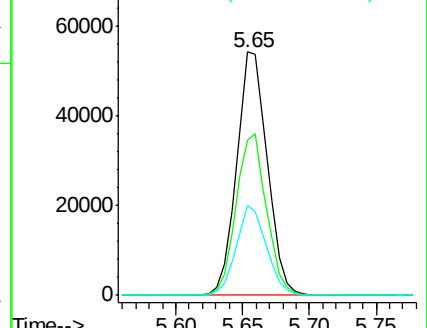
63 37.1 24.0 36.0#



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: 16.29 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

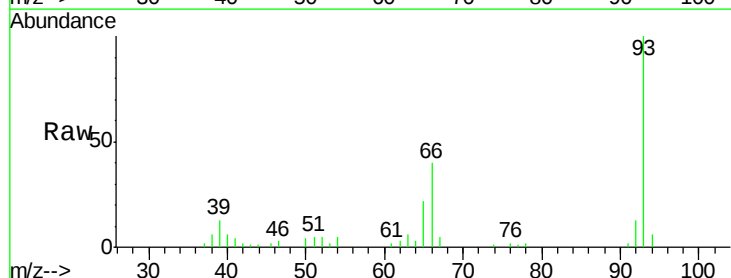
Tgt Ion: 93 Resp: 30925

Ion Ratio Lower Upper

93 100

66 40.2 26.2 39.2#

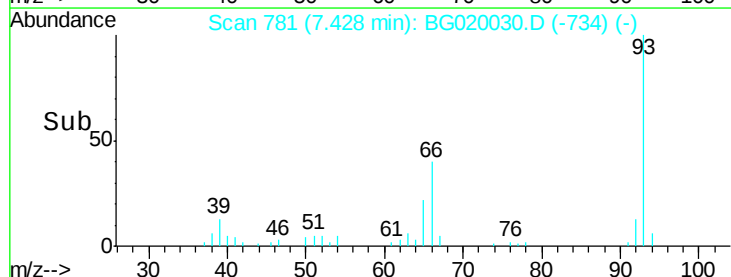
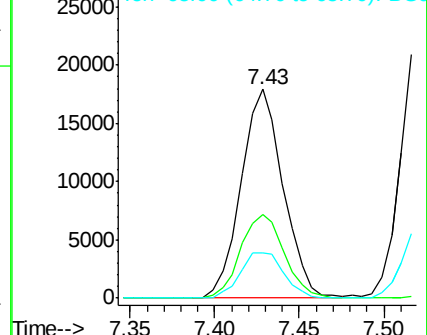
65 21.7 14.0 21.0#

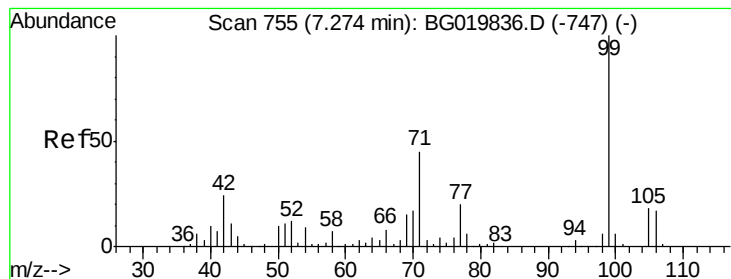


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.52 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

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ClientSampleId :

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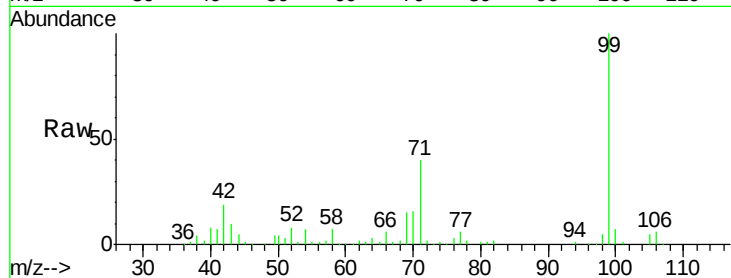
Tgt Ion: 99 Resp: 128307

Ion Ratio Lower Upper

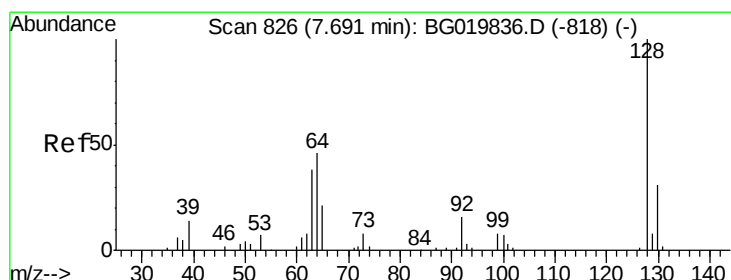
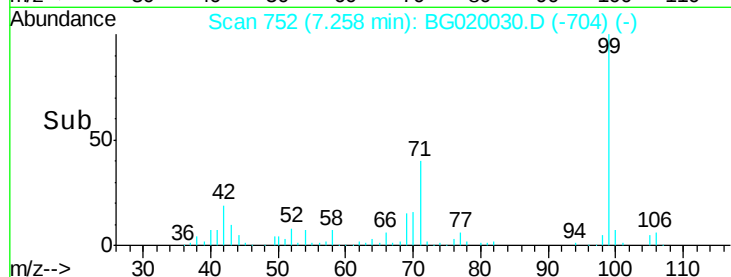
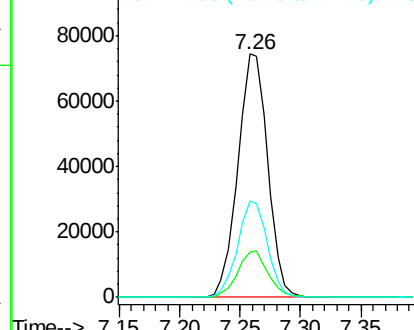
99 100

42 18.8 11.5 17.3#

71 39.6 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 41.25 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

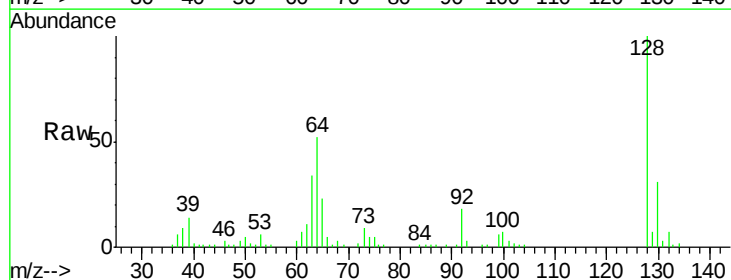
Tgt Ion: 128 Resp: 48840

Ion Ratio Lower Upper

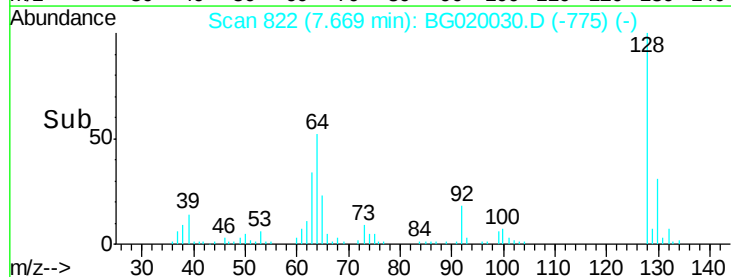
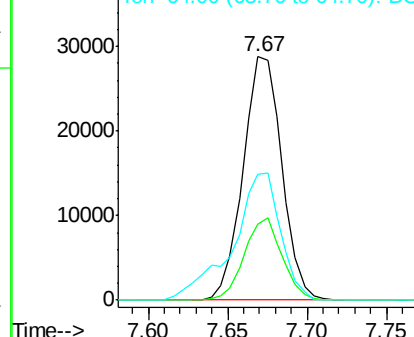
128 100

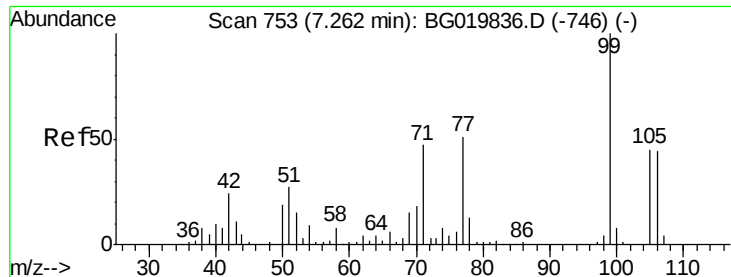
130 31.3 13.0 53.0

64 51.7 28.2 68.2



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





#9

Benzaldehyde

Concen: 26.49 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

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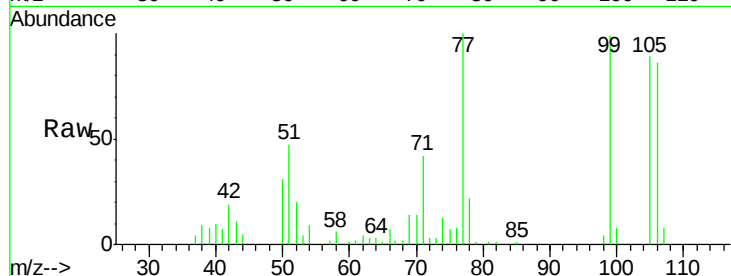
Tgt Ion: 77 Resp: 25894

Ion Ratio Lower Upper

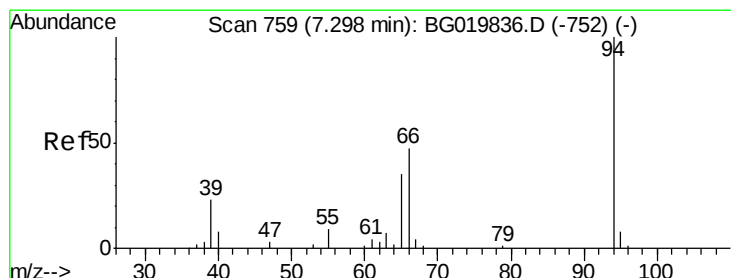
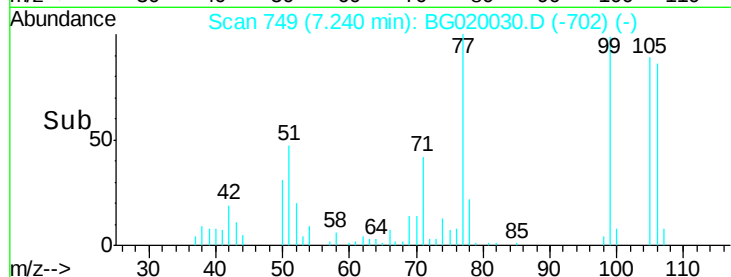
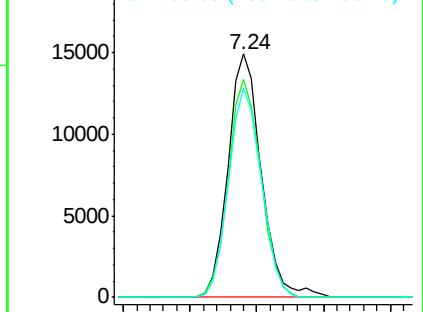
77 100

105 89.4 77.7 117.7

106 85.8 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: 42.59 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

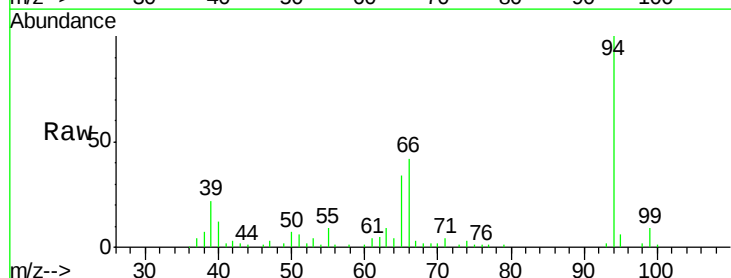
Tgt Ion: 94 Resp: 65715

Ion Ratio Lower Upper

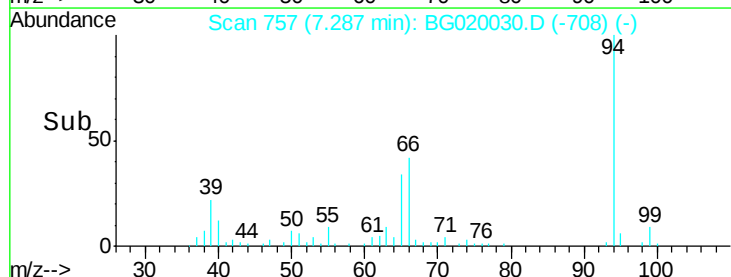
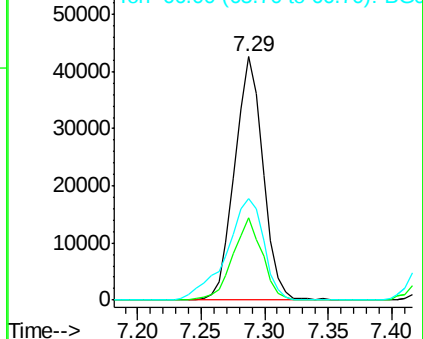
94 100

65 33.8 5.4 45.4

66 41.7 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

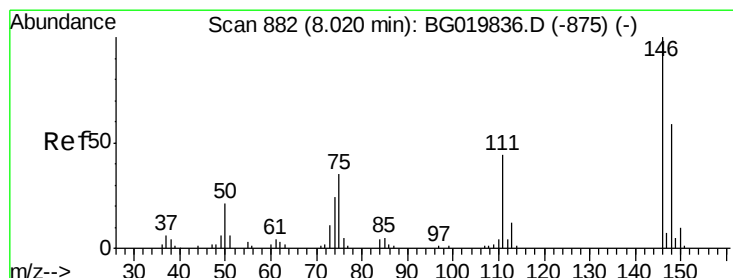
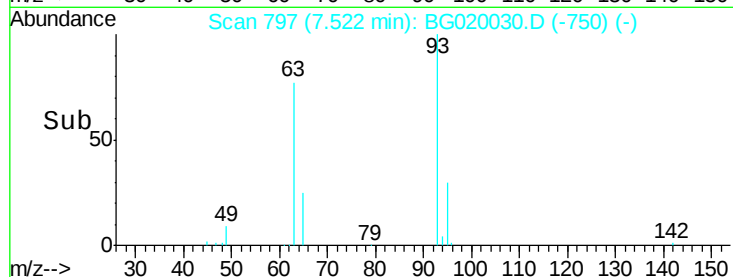
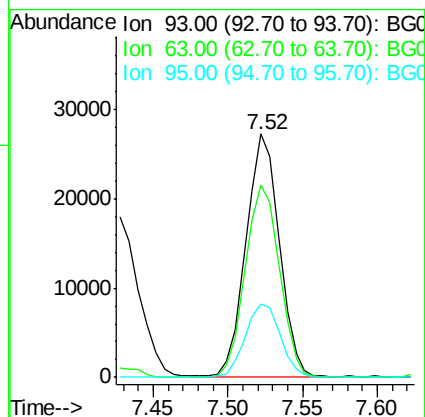
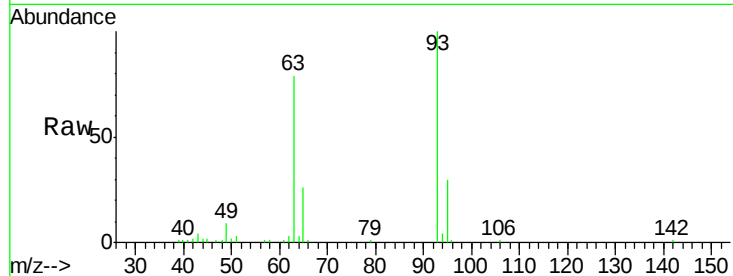




#11
bis(2-Chloroethyl)ether
Concen: 37.04 ng
RT: 7.52 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

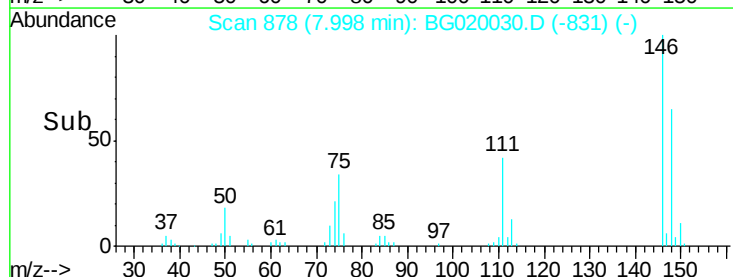
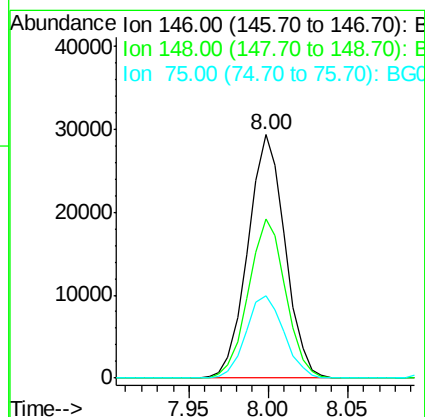
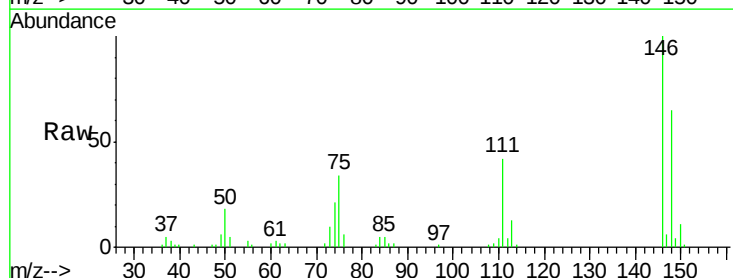
Instrument :
BNA_G
ClientSampleId :
PB87151BS

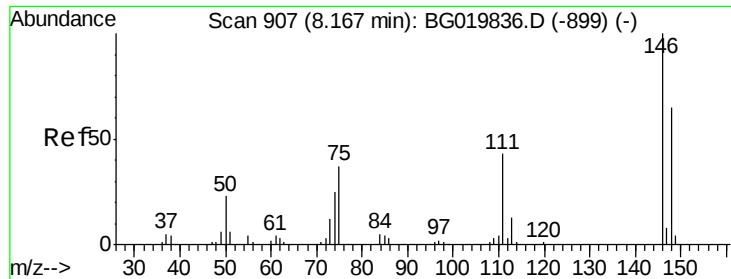
Tgt Ion: 93 Resp: 42322
Ion Ratio Lower Upper
93 100
63 78.9 50.5 90.5
95 30.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 35.52 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion: 146 Resp: 47665
Ion Ratio Lower Upper
146 100
148 65.1 53.4 80.0
75 33.8 21.1 31.7#

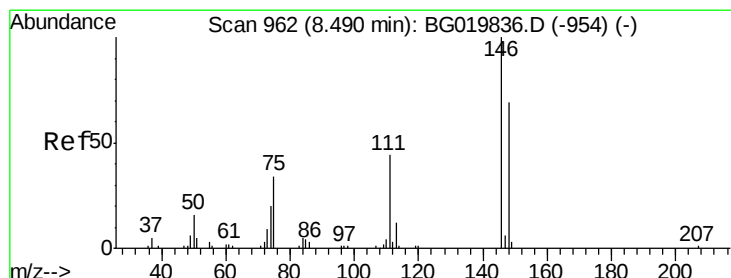
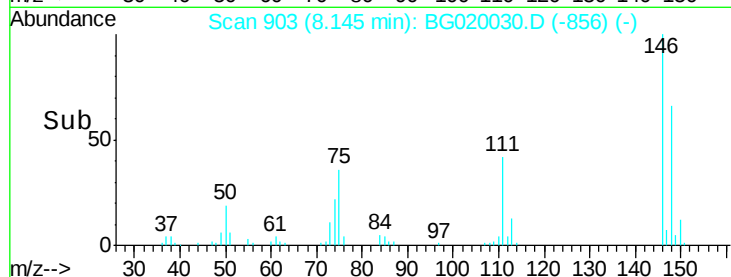
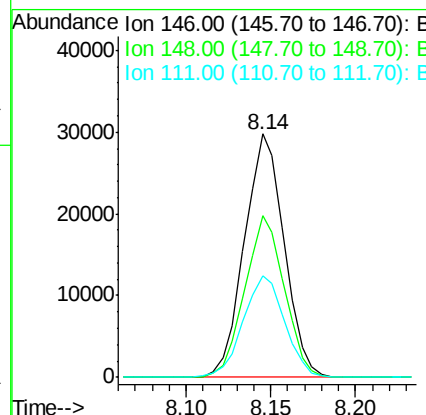
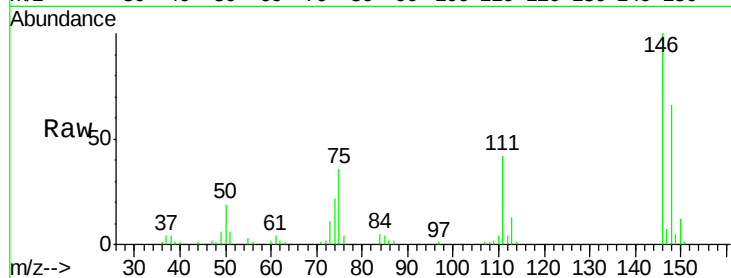




#13
 1,4-Dichlorobenzene
 Concen: 35.06 ng
 RT: 8.14 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

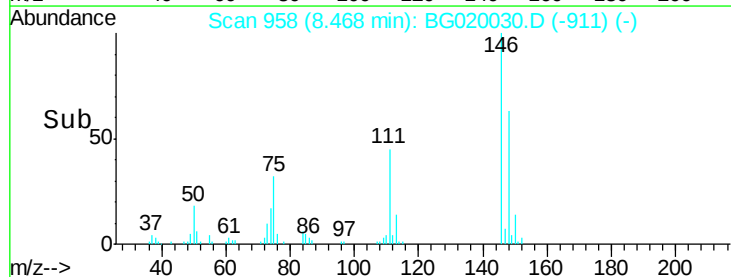
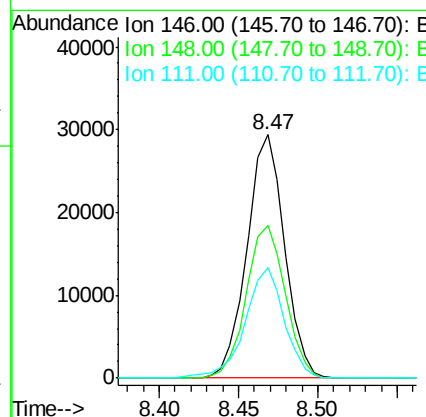
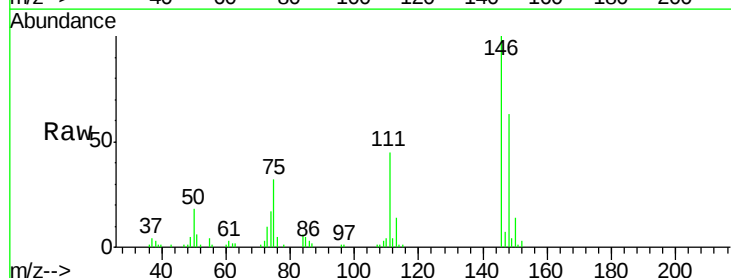
Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

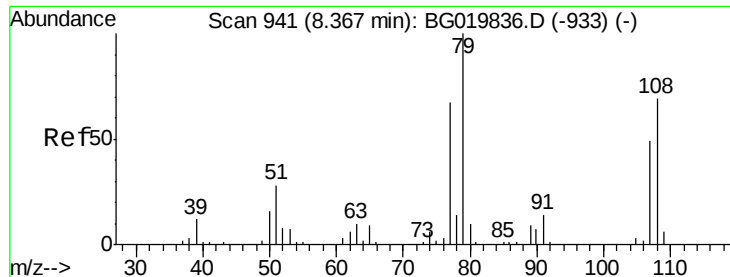
Tgt Ion:146 Resp: 48600
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.5 78.7
 111 41.6 28.3 42.5



#14
 1,2-Dichlorobenzene
 Concen: 36.56 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion:146 Resp: 48329
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.5 78.7
 111 45.4 29.9 44.9#





#15

Benzyl Alcohol

Concen: 38.31 ng

RT: 8.34 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

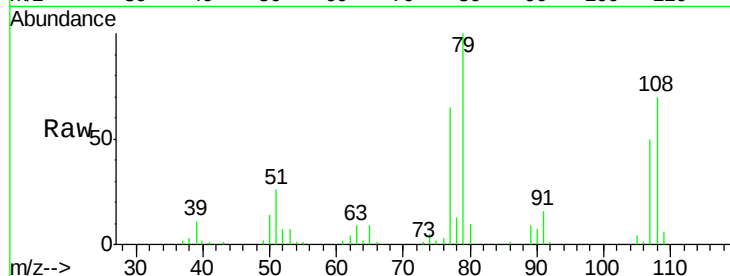
Tgt Ion: 79 Resp: 49287

Ion Ratio Lower Upper

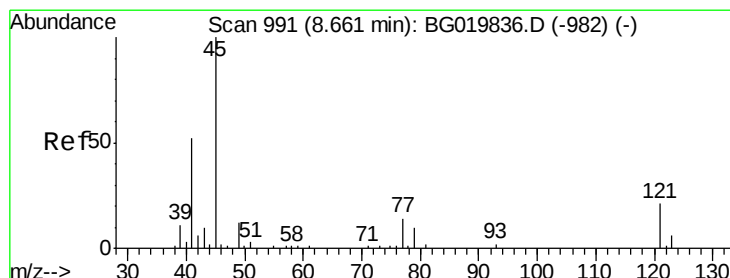
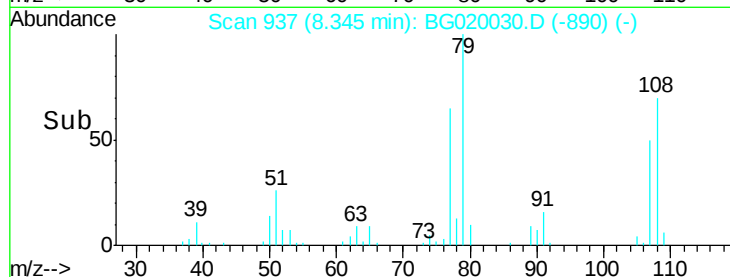
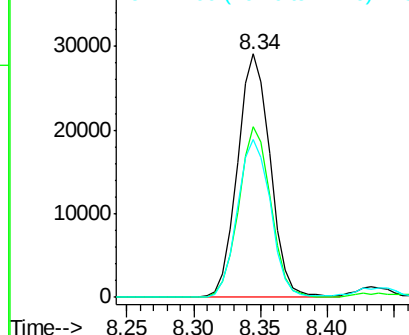
79 100

108 69.9 65.5 98.3

77 64.8 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: 33.24 ng

RT: 8.64 min Scan# 988

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

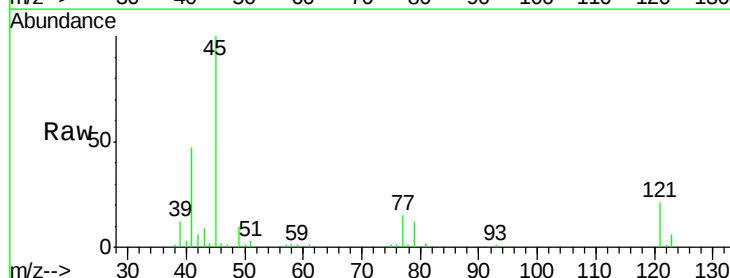
Tgt Ion: 45 Resp: 61940

Ion Ratio Lower Upper

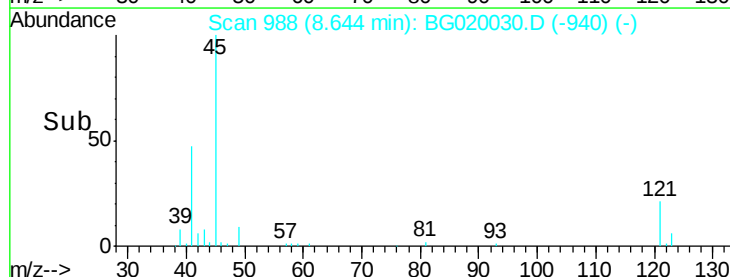
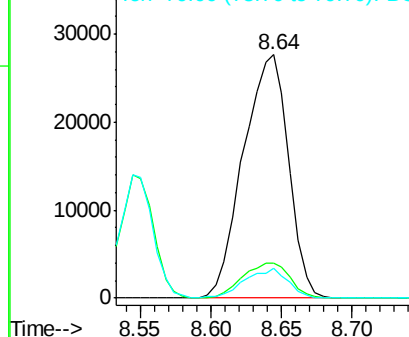
45 100

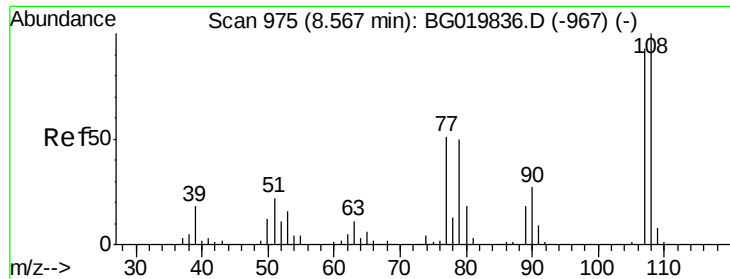
77 14.5 0.0 37.0

79 12.4 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

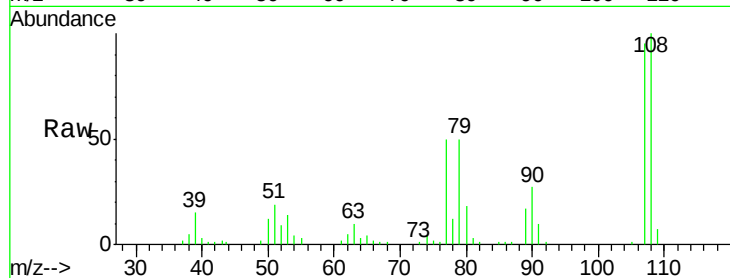




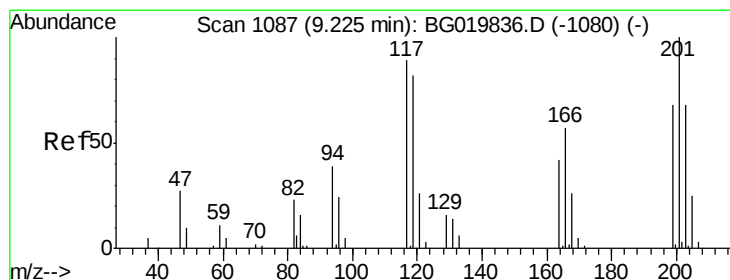
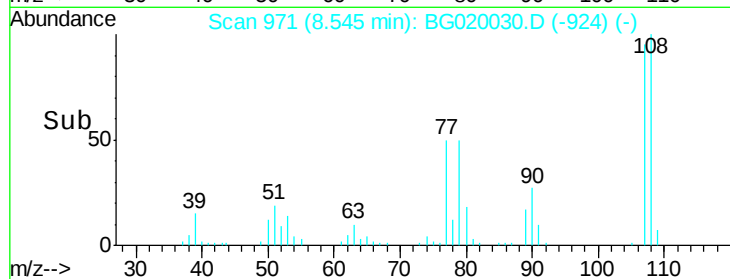
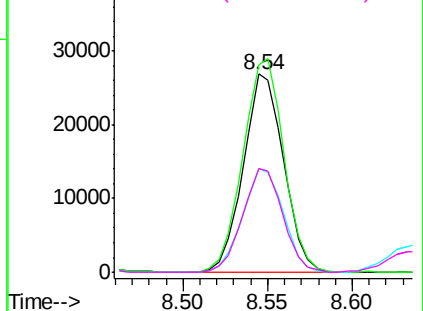
#17
2-Methylphenol
Concen: 40.87 ng
RT: 8.54 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion:107 Resp: 44513
Ion Ratio Lower Upper
107 100
108 104.8 86.5 129.7
77 52.4 34.6 51.8#
79 52.2 32.3 48.5#

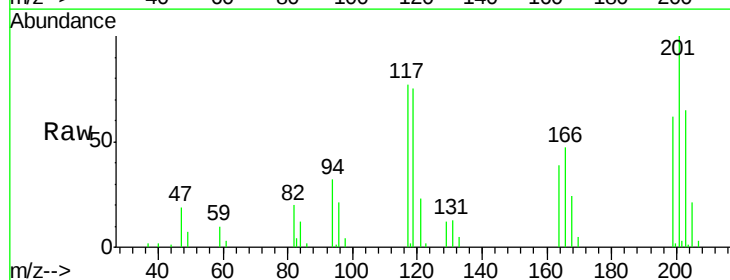


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

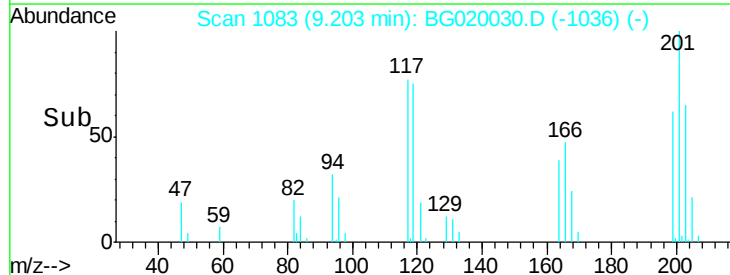
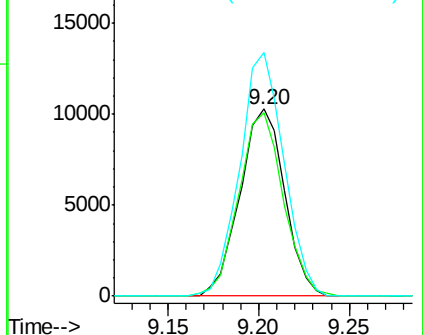


#18
Hexachloroethane
Concen: 34.08 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:117 Resp: 17686
Ion Ratio Lower Upper
117 100
119 97.7 71.7 107.5
201 130.0 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

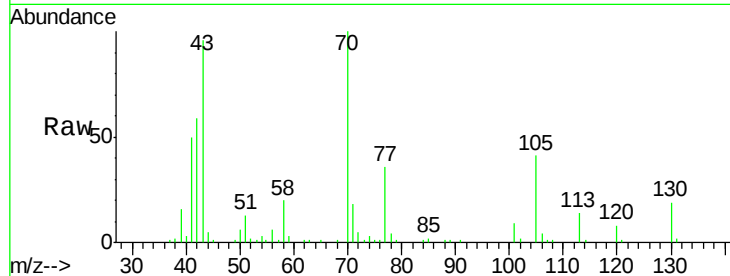




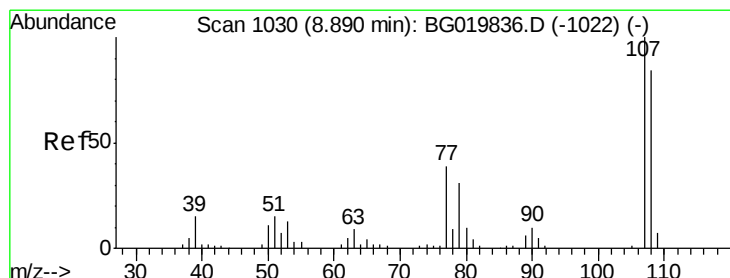
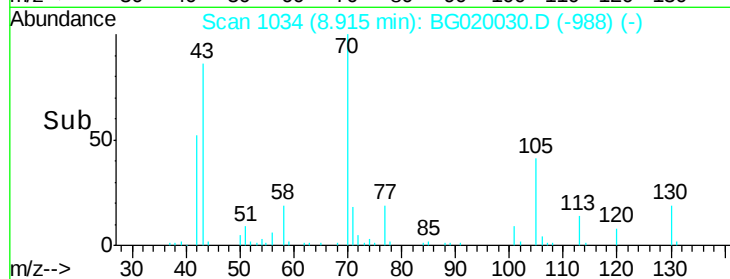
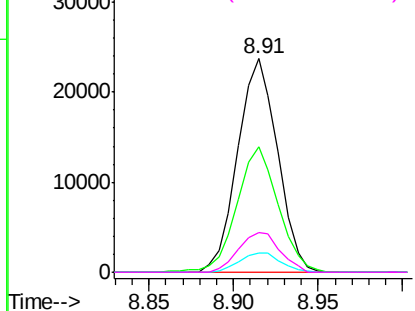
#19
n-Nitroso-di-n-propylamine
Concen: 33.61 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion: 70 Resp: 38862
Ion Ratio Lower Upper
70 100
42 58.7 40.6 60.8
101 9.2 8.6 13.0
130 18.6 17.0 25.6

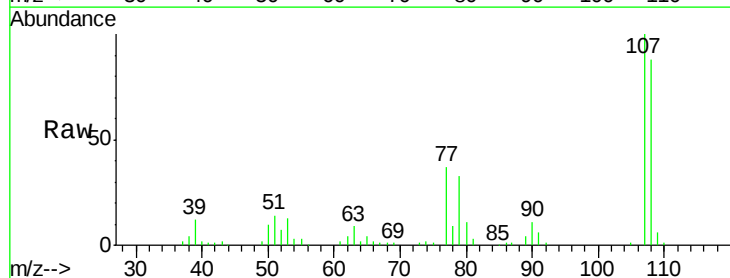


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

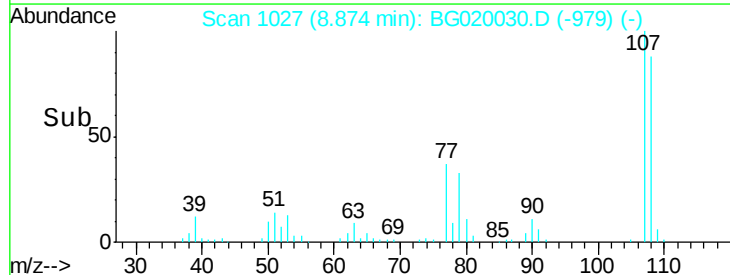
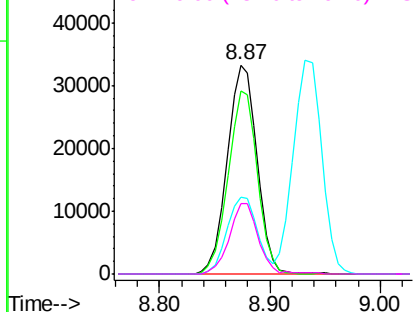


#20
3+4-Methylphenols
Concen: 40.99 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion: 107 Resp: 62872
Ion Ratio Lower Upper
107 100
108 87.7 72.2 112.2
77 36.9 13.4 53.4
79 33.5 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

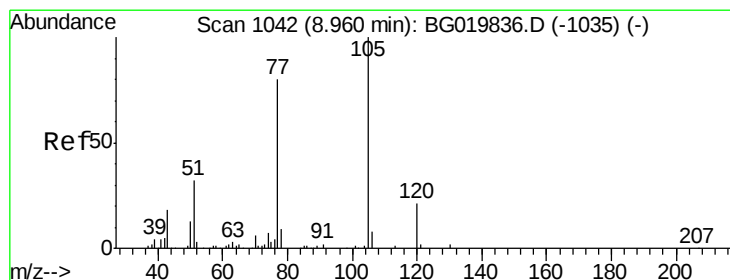
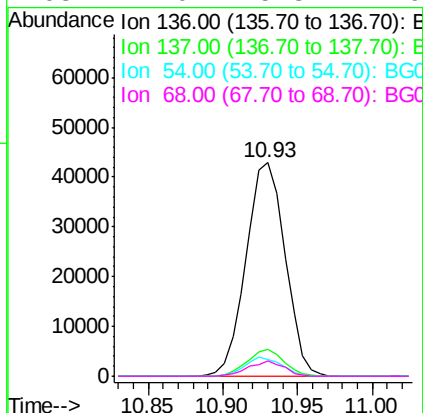
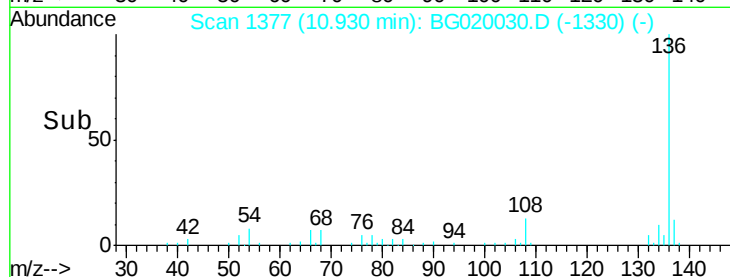
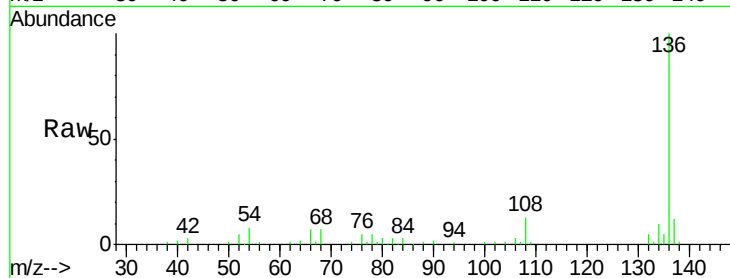




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

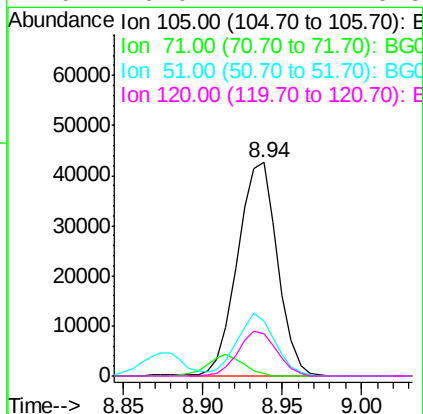
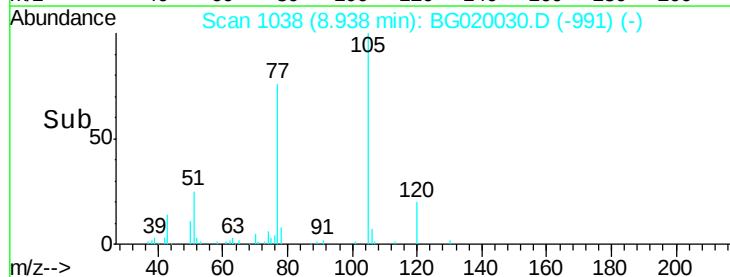
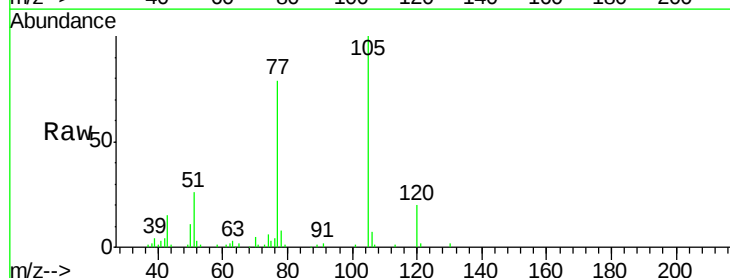
Instrument :
BNA_G
ClientSampleId :
PB87151BS

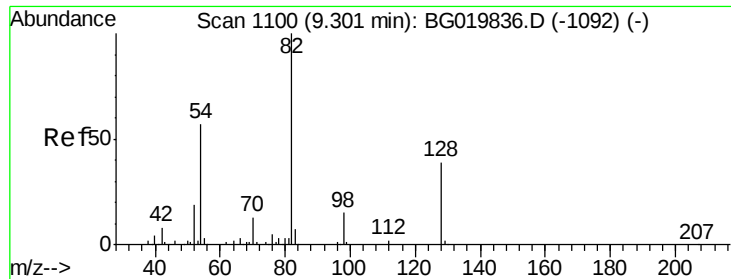
Tgt Ion:	136	Resp:	77623
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.6	12.8
54	7.8	5.4	8.2
68	7.0	5.3	7.9



#22
Acetophenone
Concen: 34.85 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:	105	Resp:	74151
Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.1	3.1#
51	25.8	17.8	26.8
120	20.0	17.7	26.5

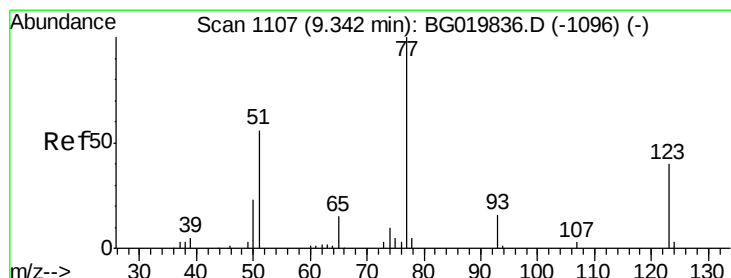
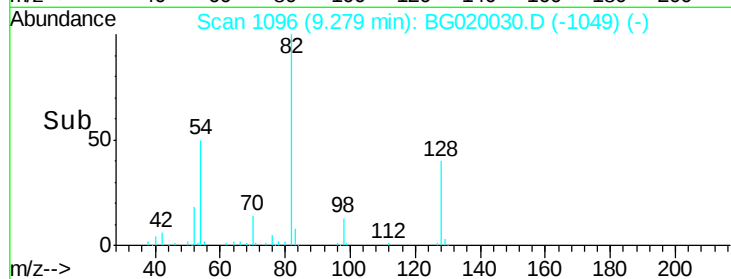
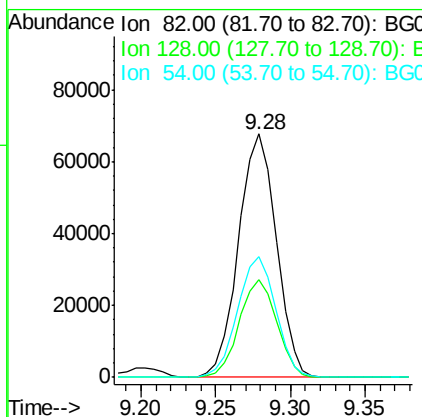
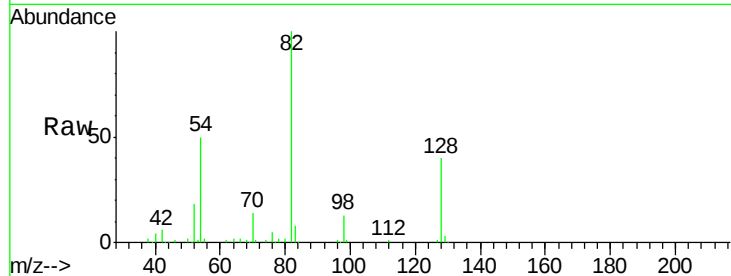




#23
 Nitrobenzene-d5
 Concen: 78.34 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

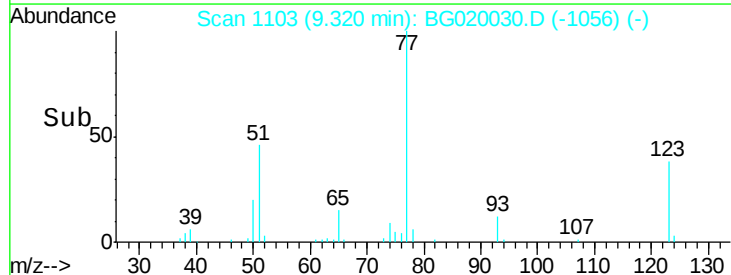
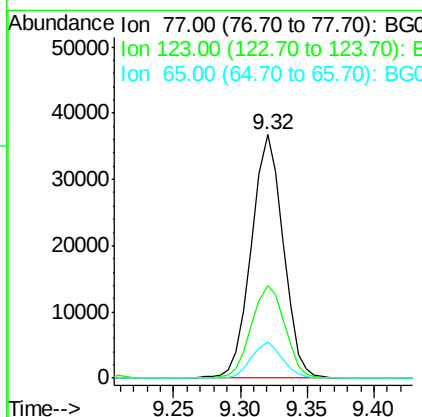
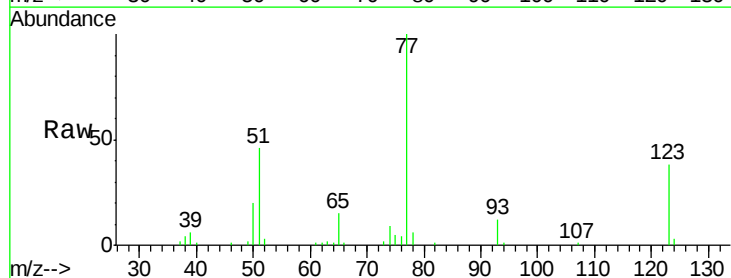
Instrument :
 BNA_G
 ClientSampled :
 PB87151BS

Tgt Ion: 82 Resp: 119147
 Ion Ratio Lower Upper
 82 100
 128 39.9 36.7 55.1
 54 49.8 33.8 50.8



#24
 Nitrobenzene
 Concen: 36.65 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion: 77 Resp: 60459
 Ion Ratio Lower Upper
 77 100
 123 38.1 38.2 57.2#
 65 15.0 10.6 16.0





#25

Isophorone

Concen: 33.55 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

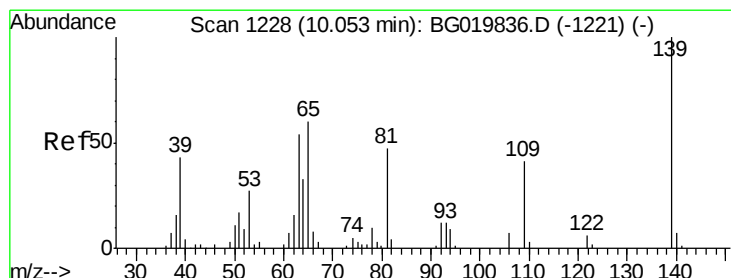
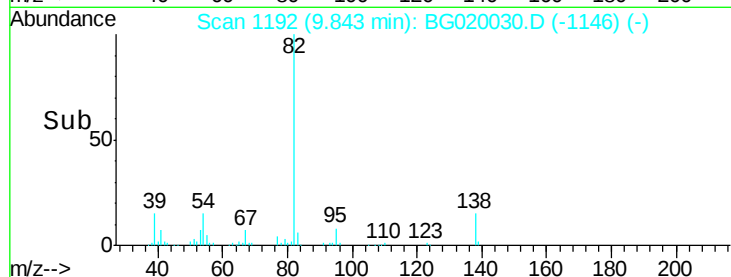
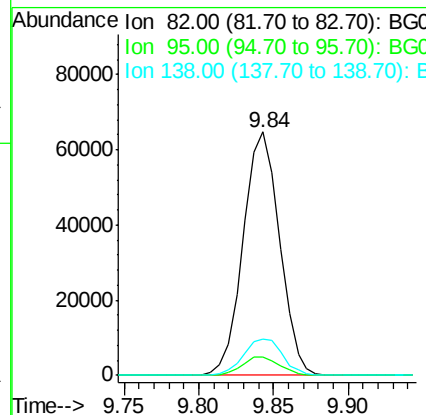
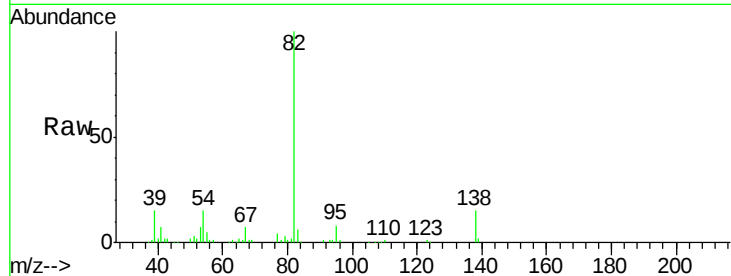
Tgt Ion: 82 Resp: 109407

Ion Ratio Lower Upper

82 100

95 7.7 5.2 7.8

138 15.1 14.4 21.6



#26

2-Nitrophenol

Concen: 42.18 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

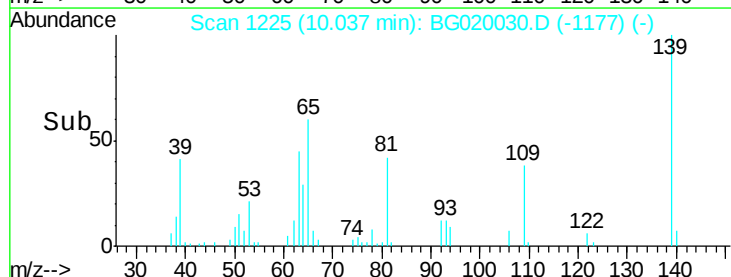
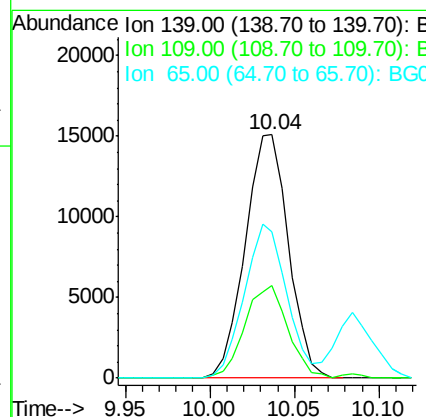
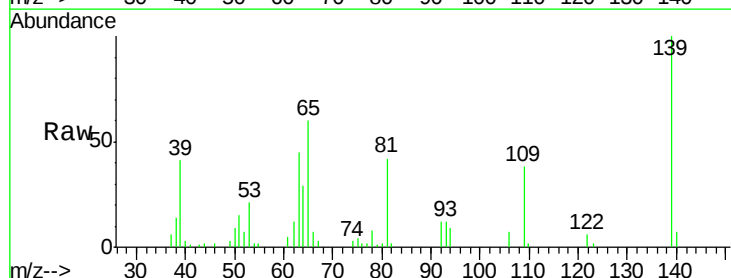
Tgt Ion: 139 Resp: 26879

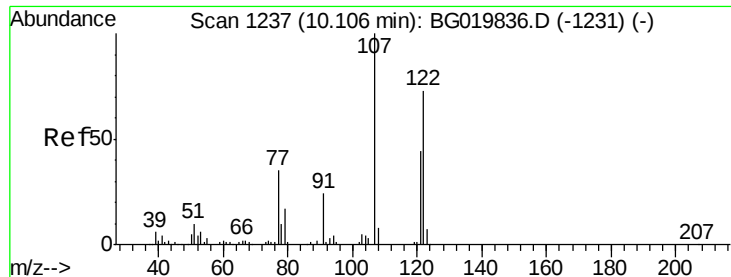
Ion Ratio Lower Upper

139 100

109 38.0 20.1 30.1#

65 60.2 34.1 51.1#

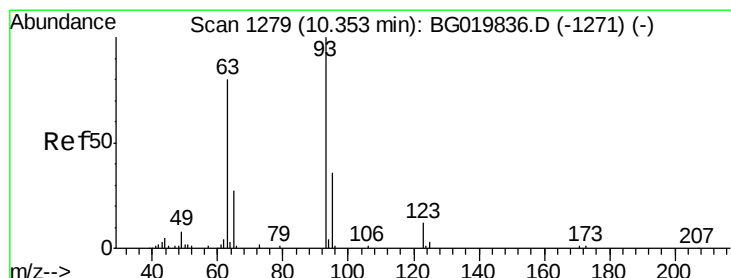
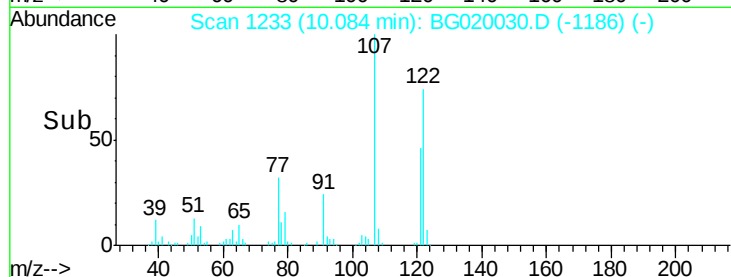
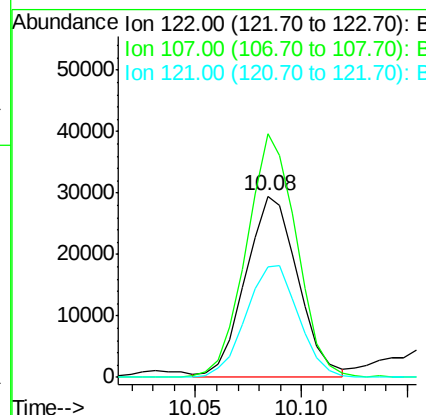
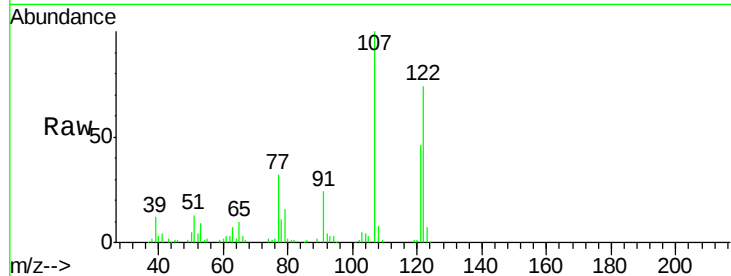




#27
 2,4-Dimethylphenol
 Concen: 38.15 ng
 RT: 10.08 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

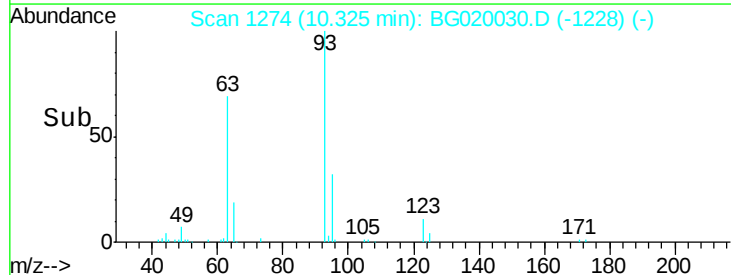
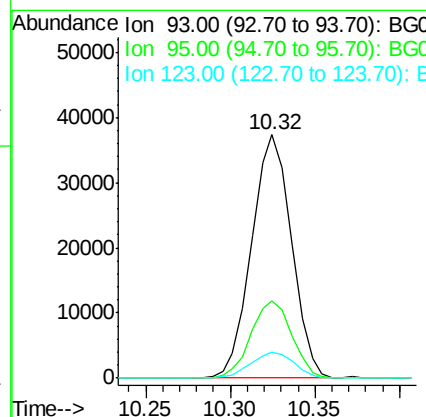
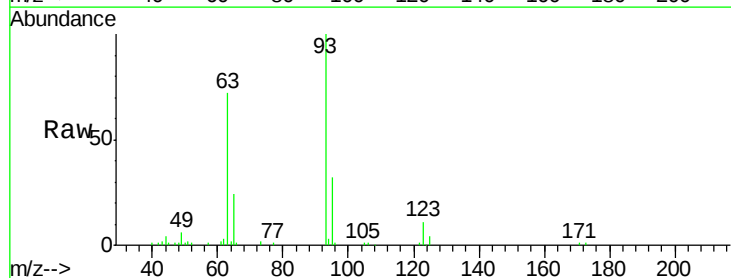
Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

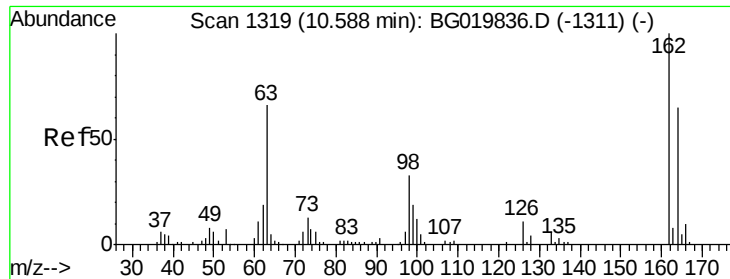
Tgt Ion:122 Resp: 50616
 Ion Ratio Lower Upper
 122 100
 107 134.5 91.6 137.4
 121 61.3 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.41 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion: 93 Resp: 61209
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.7 38.5
 123 10.9 8.6 12.8

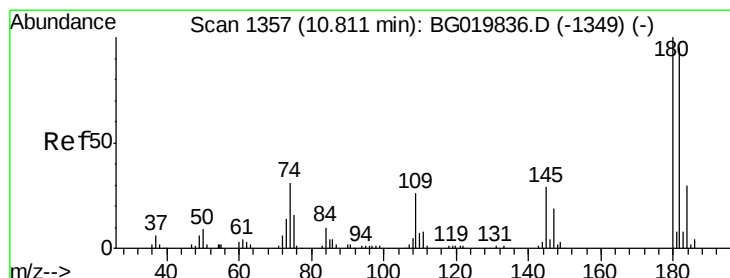
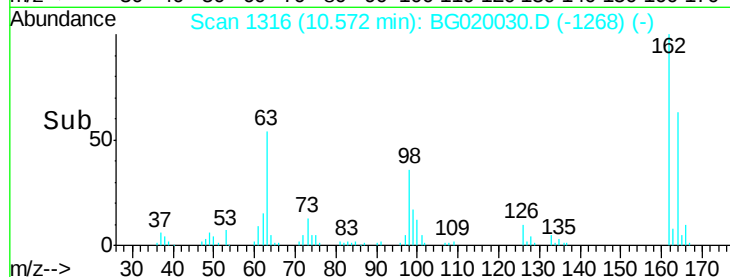
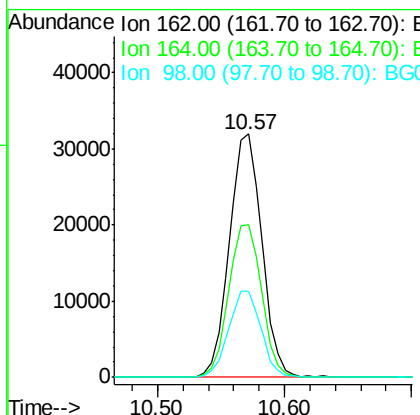
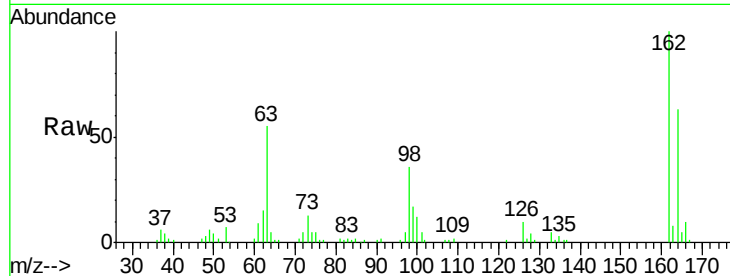




#29
2,4-Dichlorophenol
Concen: 41.56 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

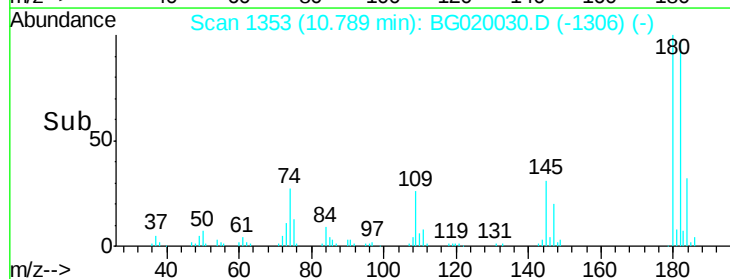
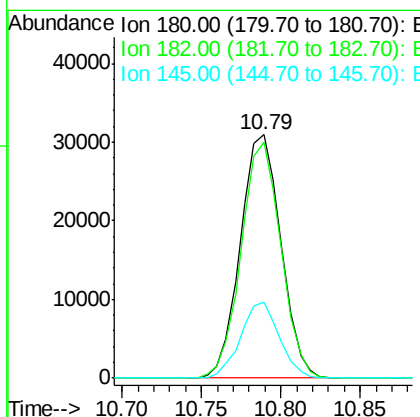
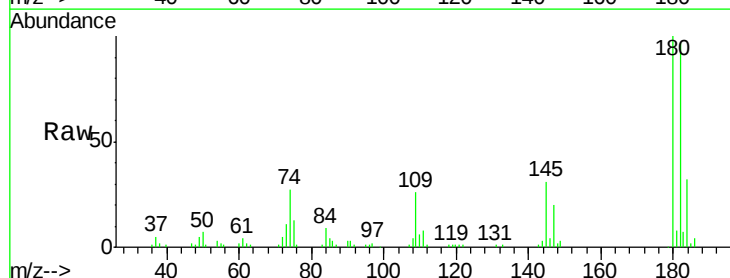
Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	42.3	82.3
98	35.5	11.5	51.5



#30
1,2,4-Trichlorobenzene
Concen: 35.89 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.7	119.5
145	31.0	22.0	33.0

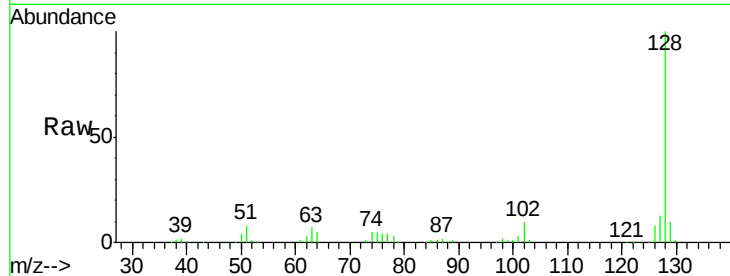




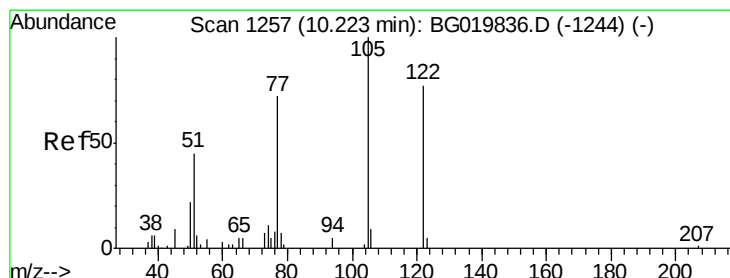
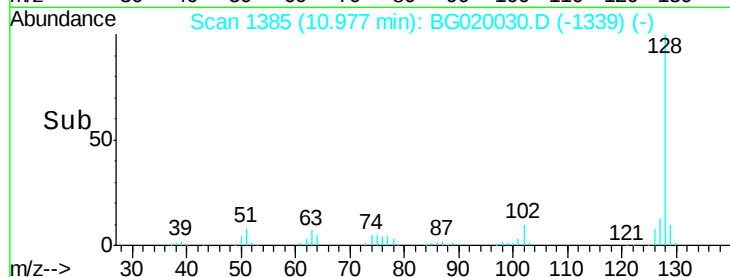
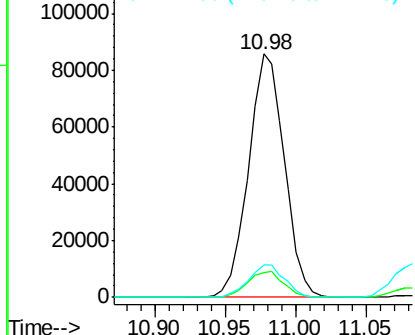
#31
Naphthalene
Concen: 36.70 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion:128 Resp: 152615
Ion Ratio Lower Upper
128 100
129 9.9 8.5 12.7
127 13.4 10.6 16.0

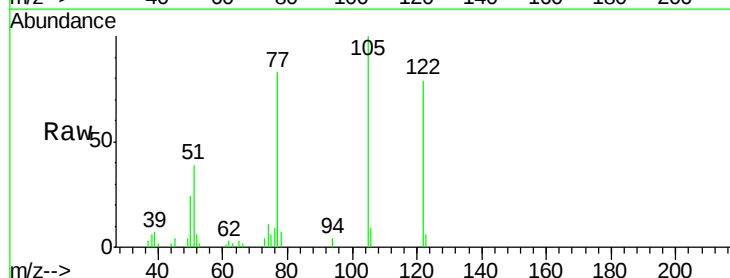


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

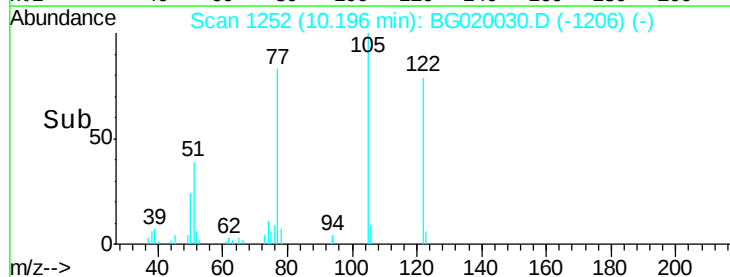
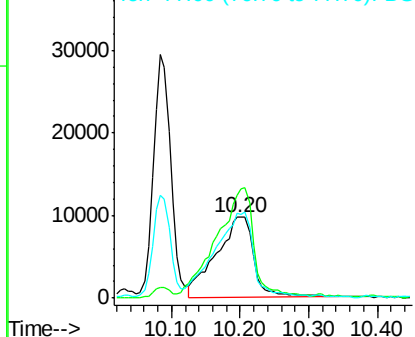


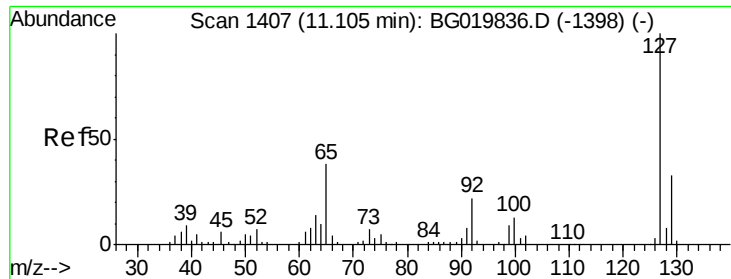
#32
Benzoic acid
Concen: 42.27 ng
RT: 10.20 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:122 Resp: 37072
Ion Ratio Lower Upper
122 100
105 126.4 103.8 143.8
77 104.7 68.8 108.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

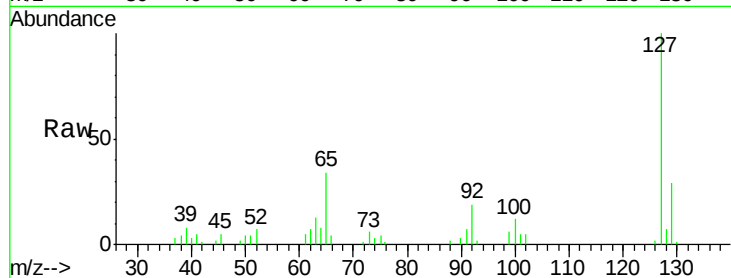




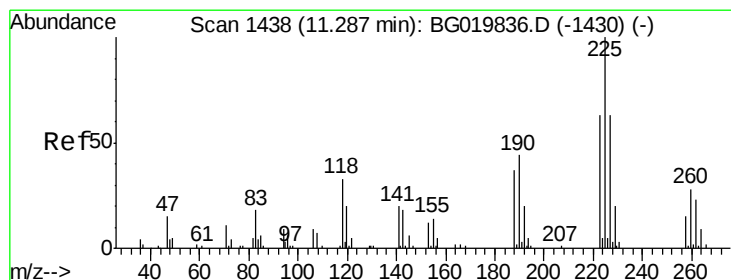
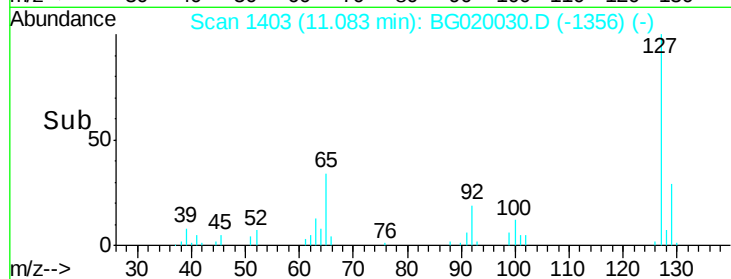
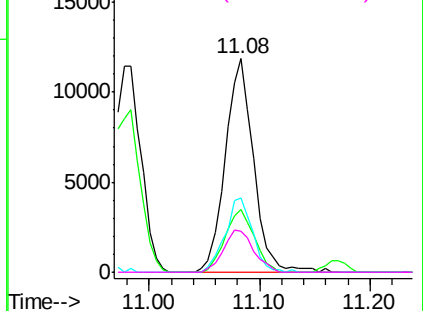
#33
4-Chloroaniline
Concen: 11.58 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion:	127	Resp:	21218
Ion	Ratio	Lower	Upper
127	100		
129	29.1	24.6	37.0
65	34.5	22.6	33.8#
92	19.2	15.1	22.7

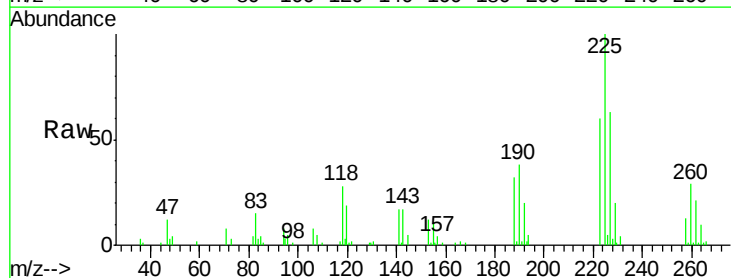


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

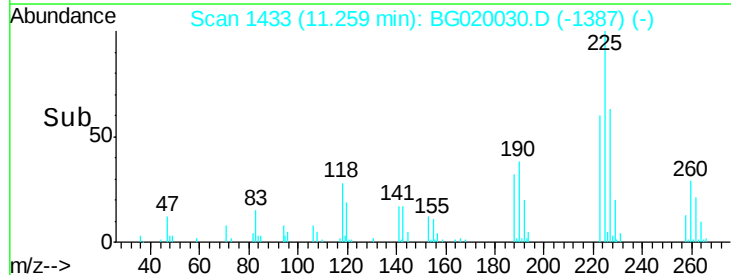
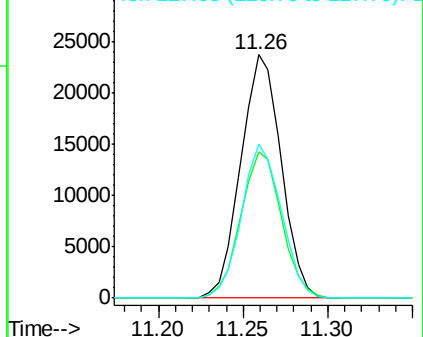


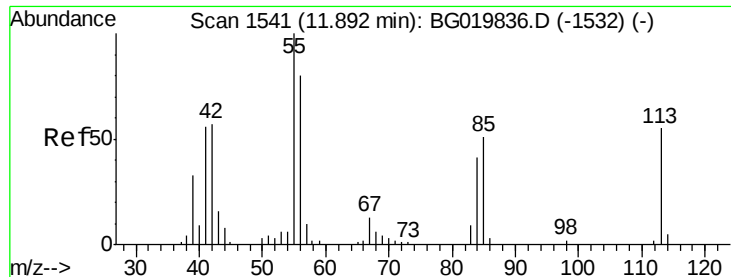
#34
Hexachlorobutadiene
Concen: 34.93 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:	225	Resp:	39476
Ion	Ratio	Lower	Upper
225	100		
223	60.2	51.0	76.4
227	66.6	51.8	77.8



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





#35

Caprolactam

Concen: 38.12 ng

RT: 11.85 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

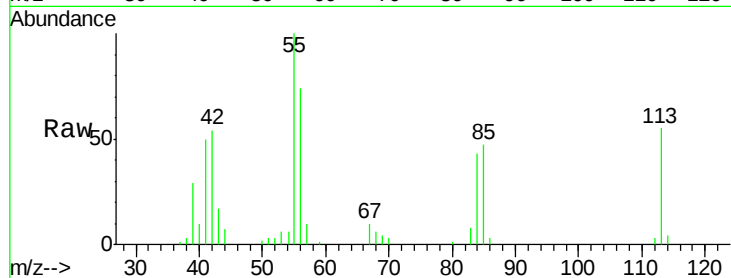
Tgt Ion:113 Resp: 19234

Ion Ratio Lower Upper

113 100

55 181.4 135.0 175.0#

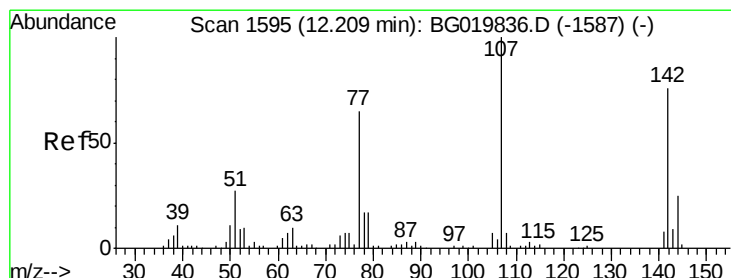
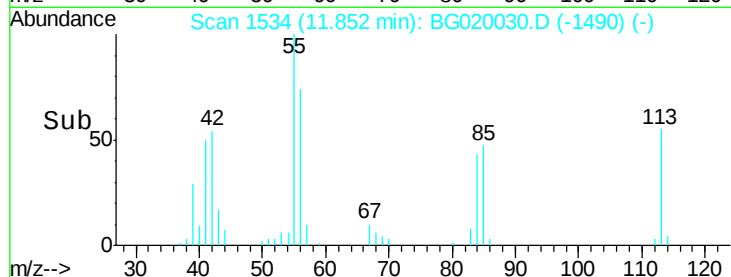
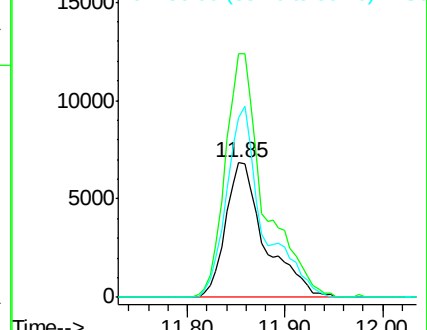
56 133.8 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.17 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

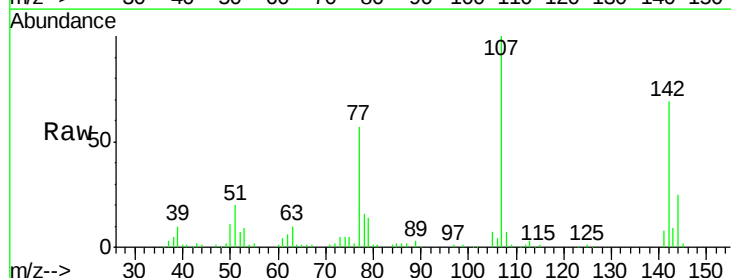
Tgt Ion:107 Resp: 64440

Ion Ratio Lower Upper

107 100

144 25.2 20.6 31.0

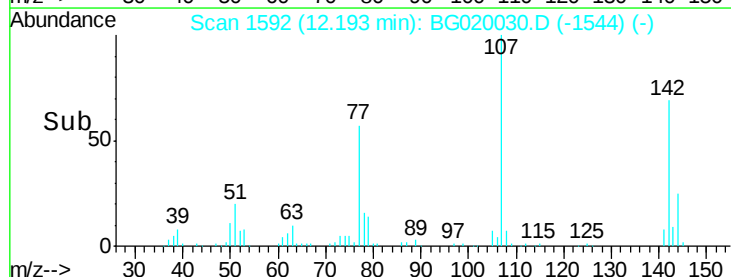
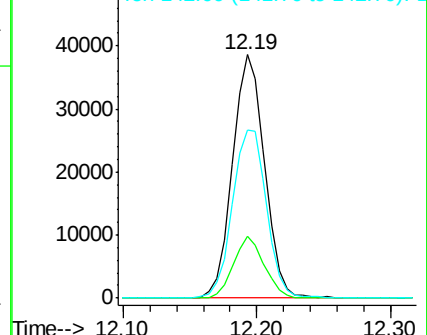
142 69.0 62.6 93.8



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

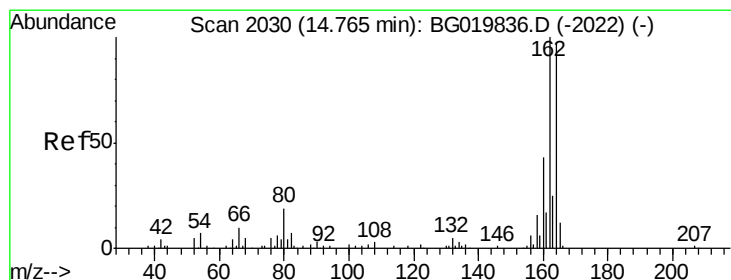
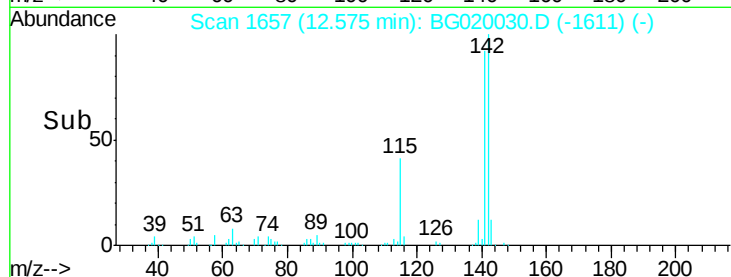
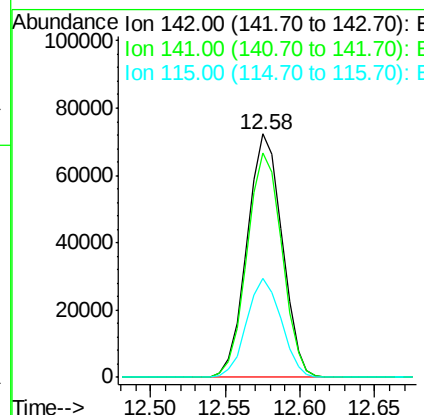
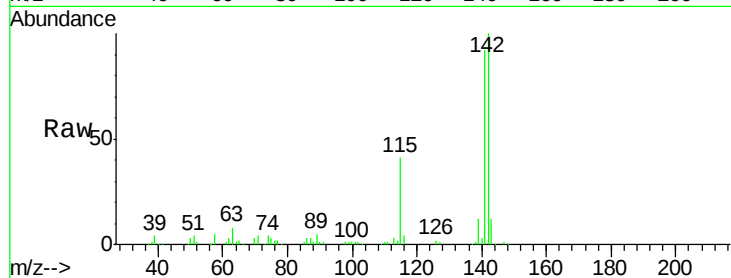




#37
 2-Methylnaphthalene
 Concen: 38.49 ng
 RT: 12.58 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

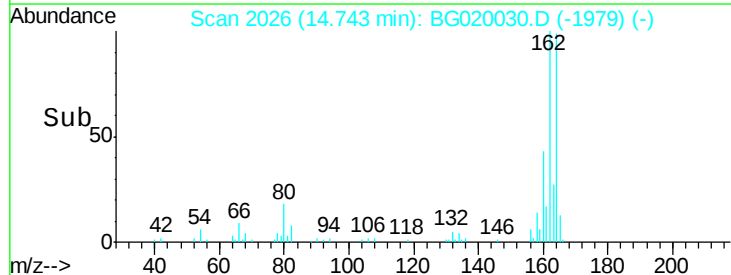
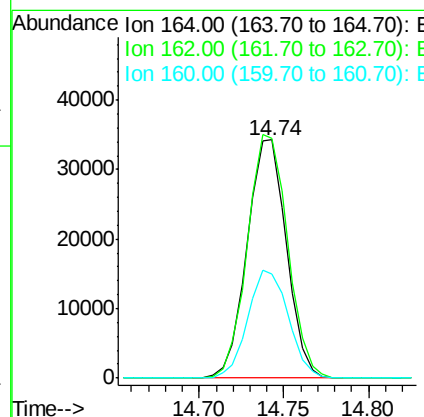
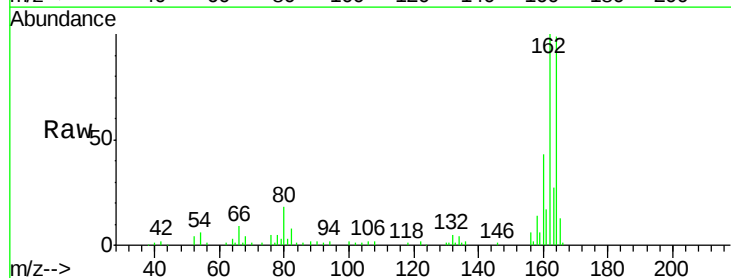
Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

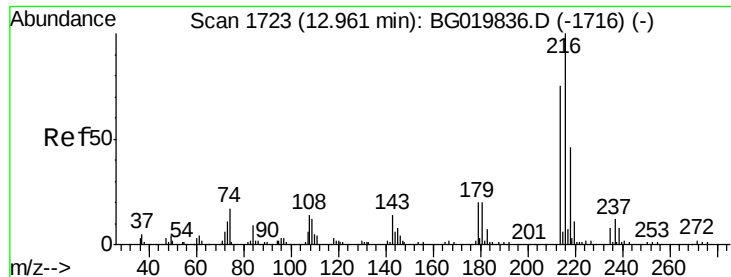
Tgt Ion:142 Resp: 117294
 Ion Ratio Lower Upper
 142 100
 141 92.4 74.6 112.0
 115 40.7 27.4 41.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion:164 Resp: 55407
 Ion Ratio Lower Upper
 164 100
 162 100.8 78.8 118.2
 160 43.7 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.23 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

Tgt Ion:216 Resp: 76186

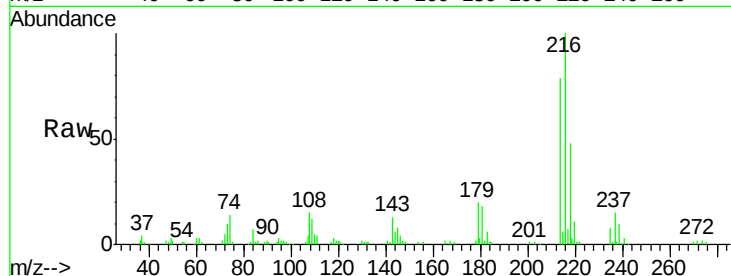
Ion Ratio Lower Upper

216 100

214 80.4 62.5 93.7

179 20.2 15.6 23.4

108 17.0 13.3 19.9

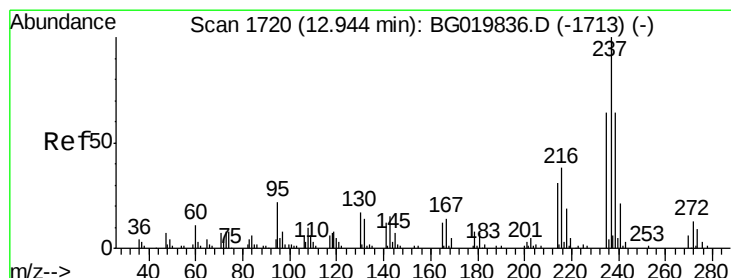
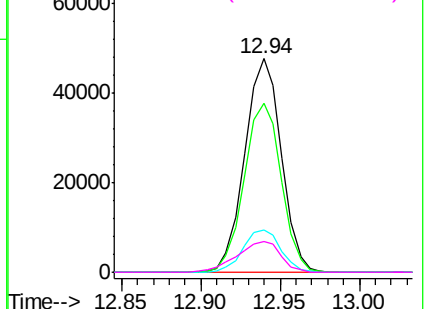
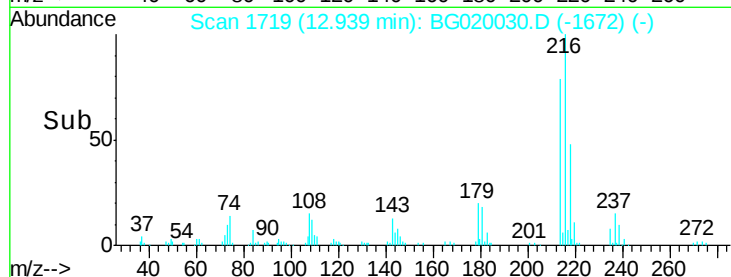


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.88 ng

RT: 12.92 min Scan# 1715

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

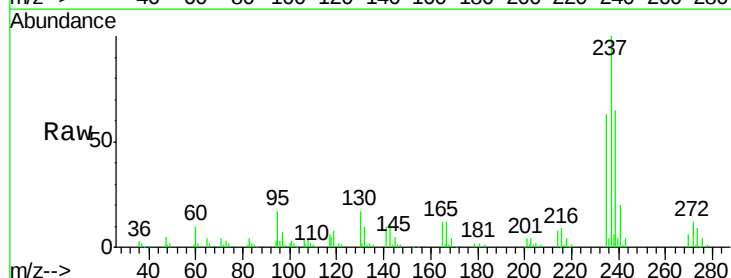
Tgt Ion:237 Resp: 77782

Ion Ratio Lower Upper

237 100

235 63.4 44.6 84.6

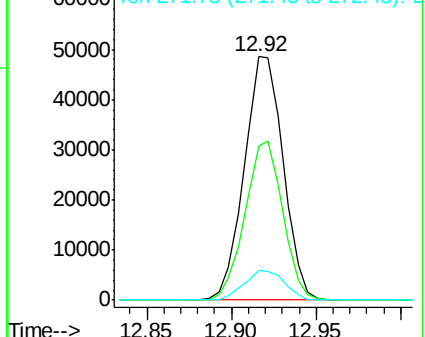
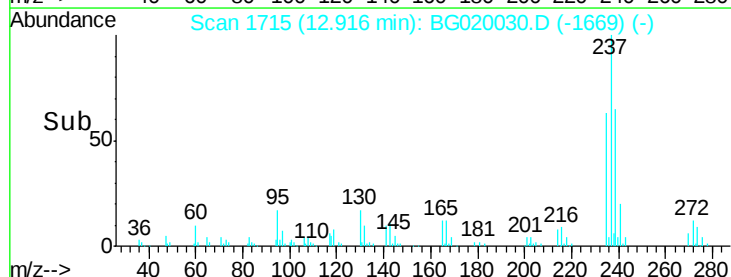
272 12.1 0.0 32.8



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

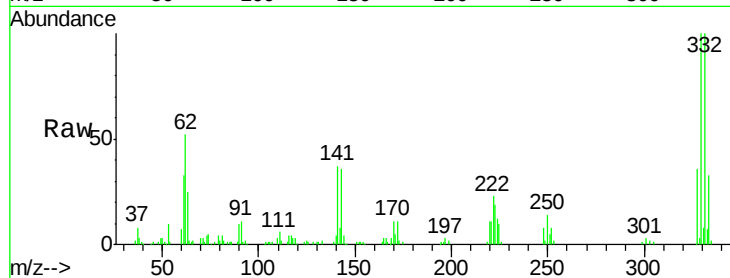




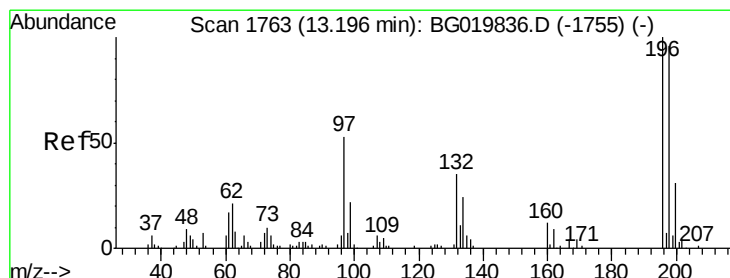
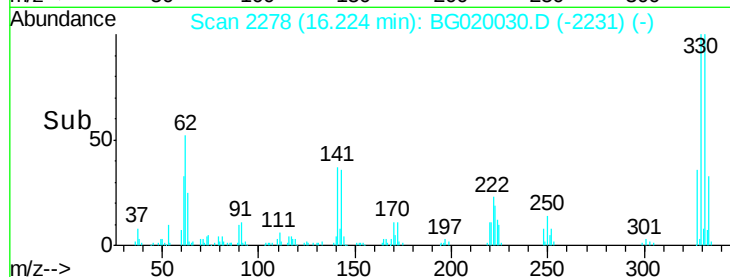
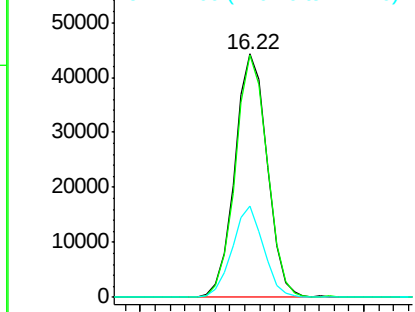
#41
 2,4,6-Tribromophenol
 Concen: 78.82 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

Tgt Ion:330 Resp: 66822
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.1 117.1
 141 36.2 28.2 42.2

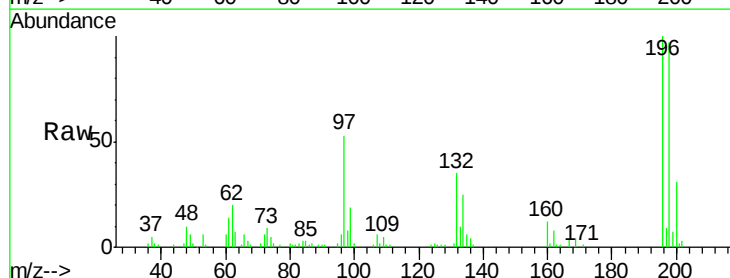


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

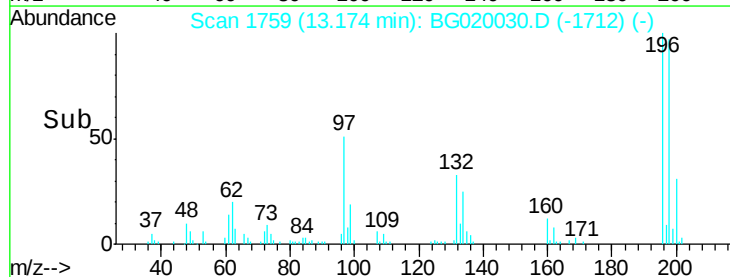
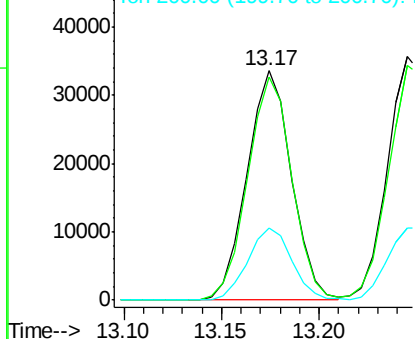


#42
 2,4,6-Trichlorophenol
 Concen: 37.96 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion:196 Resp: 52839
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.7 112.1
 200 31.4 24.1 36.1



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

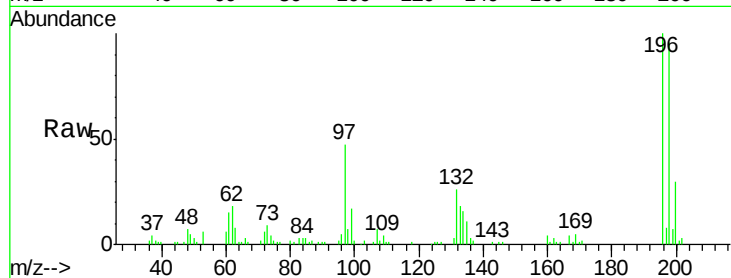




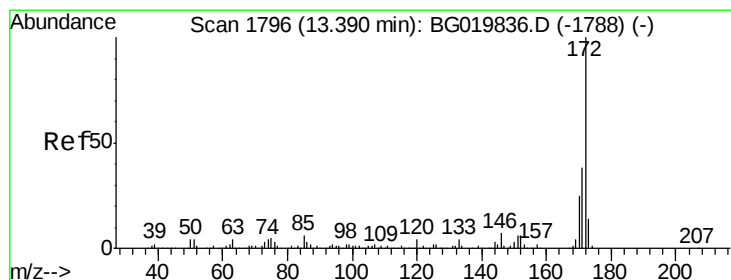
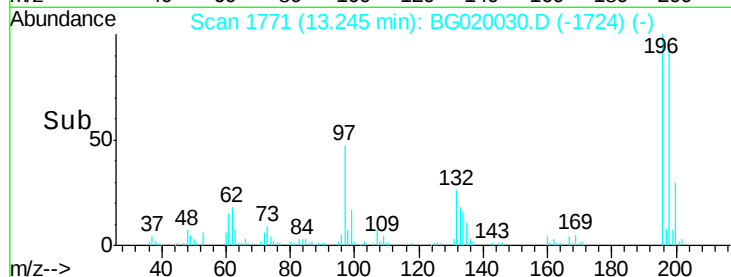
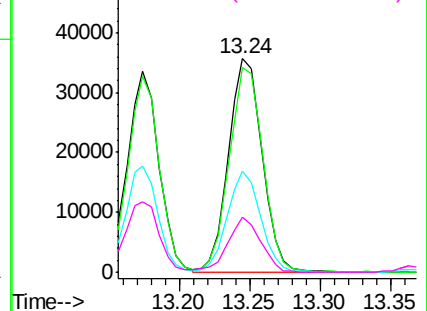
#43
 2,4,5-Trichlorophenol
 Concen: 40.34 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

Tgt Ion:196 Resp: 59346
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.2 112.8
 97 47.2 34.2 51.2
 132 25.8 21.8 32.6

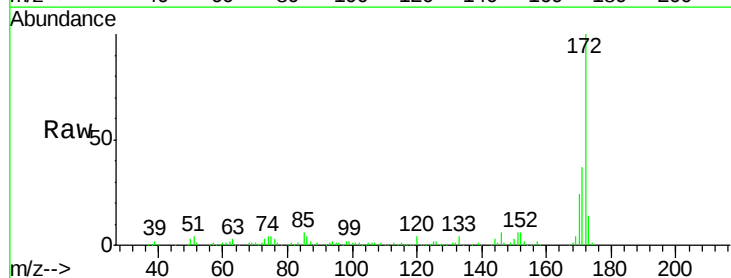


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

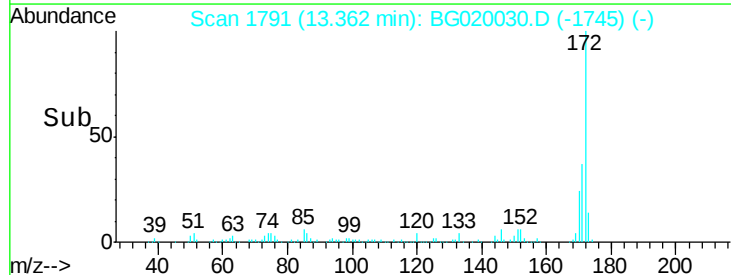
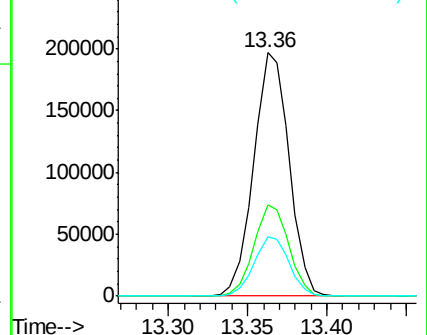


#44
 2-Fluorobiphenyl
 Concen: 75.36 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion:172 Resp: 305817
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 24.2 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

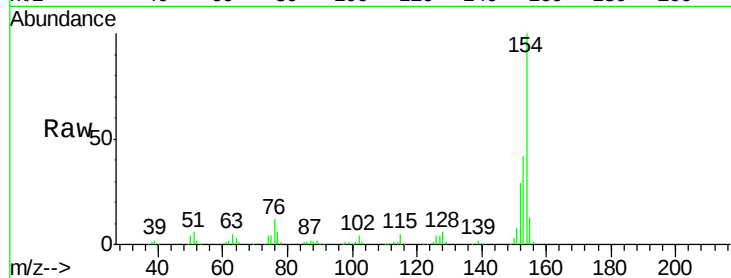




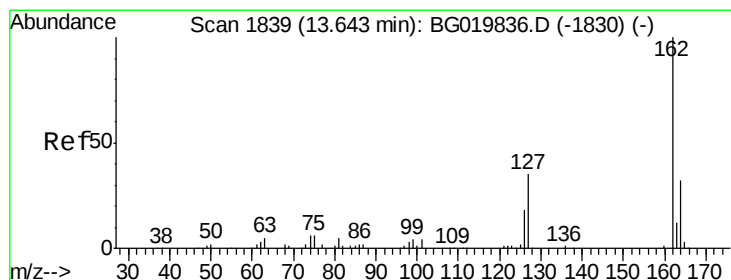
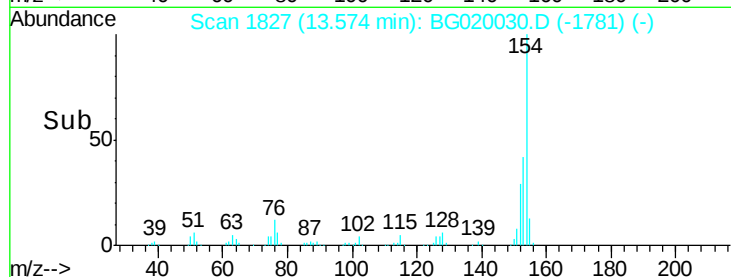
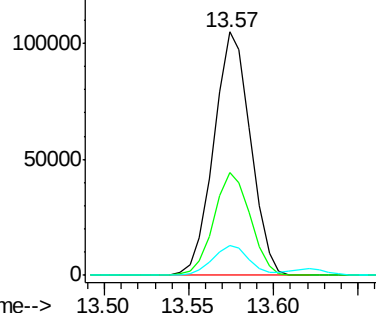
#45
1,1'-Biphenyl
Concen: 34.95 ng
RT: 13.57 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Instrument :
BNA_G
ClientSampled :
PB87151BS

Tgt Ion:	154	Resp:	158905
Ion Ratio	Lower	Upper	
154	100		
153	42.2	21.9	61.9
76	12.5	0.0	33.2

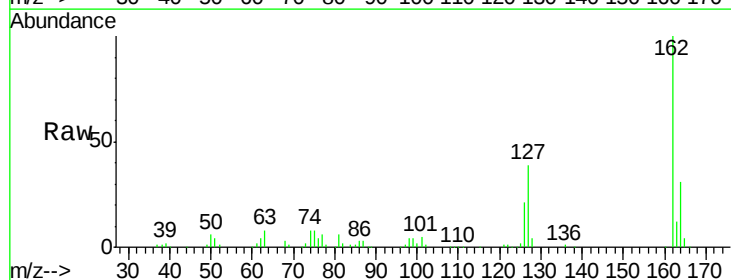


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

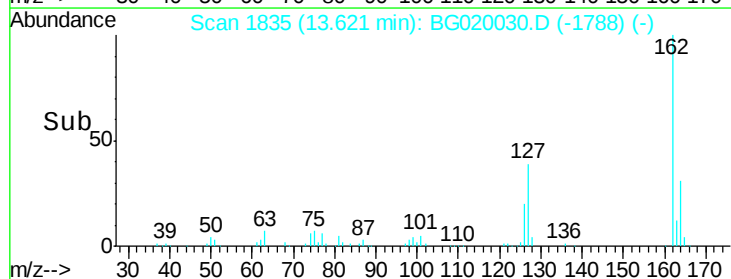
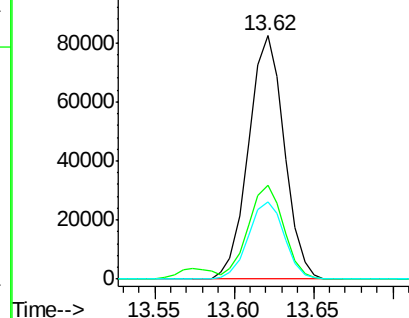


#46
2-Chloronaphthalene
Concen: 36.76 ng
RT: 13.62 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:	162	Resp:	128855
Ion Ratio	Lower	Upper	
162	100		
127	38.8	28.3	42.5
164	31.5	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

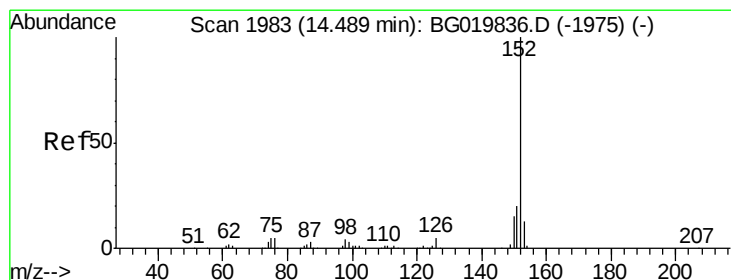
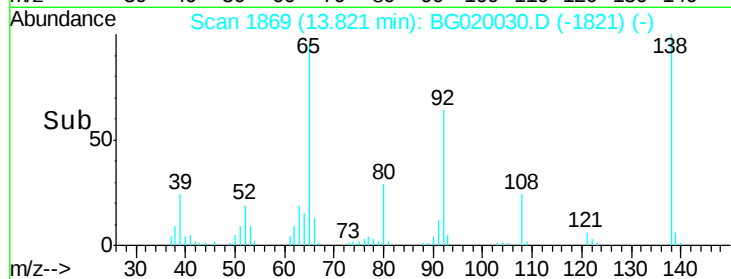
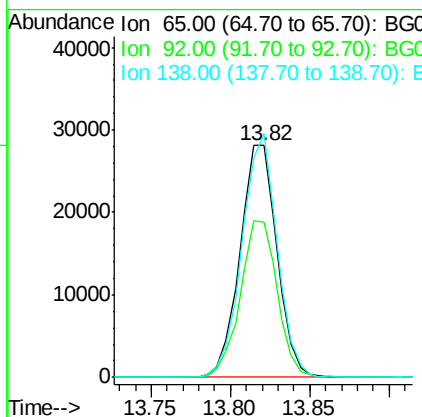
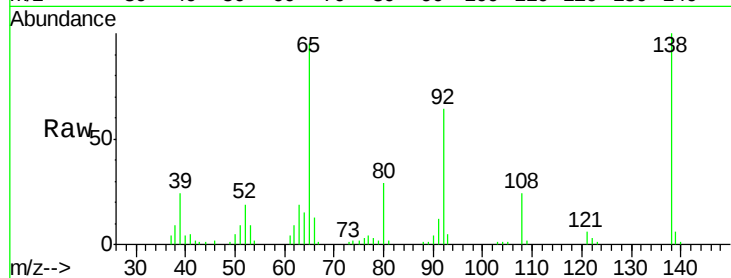




#47
2-Nitroaniline
Concen: 41.14 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

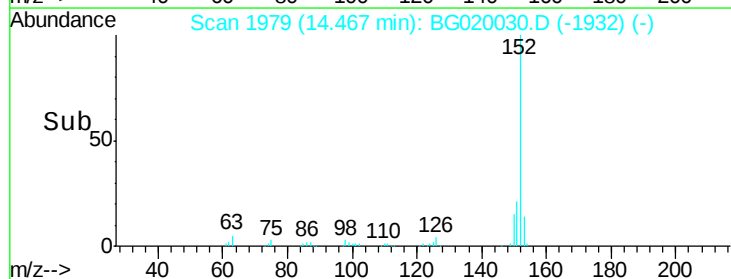
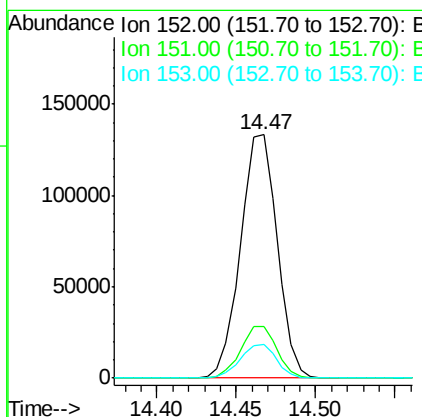
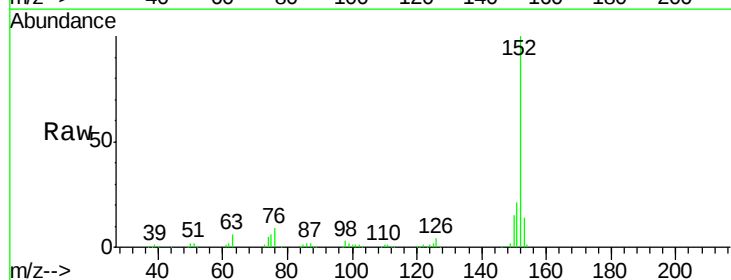
Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion: 65 Resp: 45540
Ion Ratio Lower Upper
65 100
92 66.8 54.8 82.2
138 104.9 89.6 134.4



#48
Acenaphthylene
Concen: 35.99 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion: 152 Resp: 214877
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.4
153 13.6 10.4 15.6





#49

Dimethylphthalate

Concen: 34.69 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

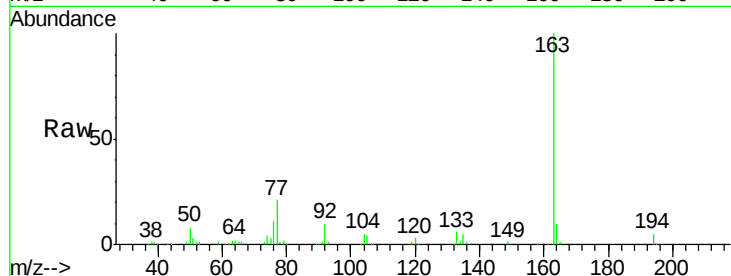
Tgt Ion:163 Resp: 172885

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

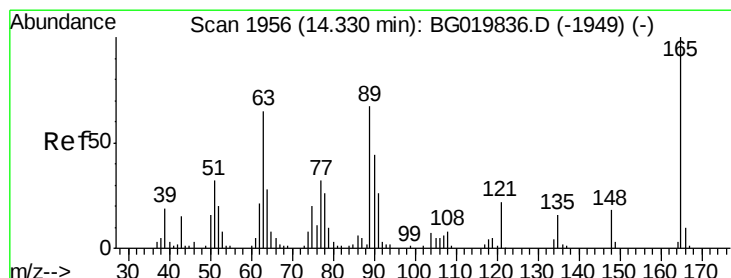
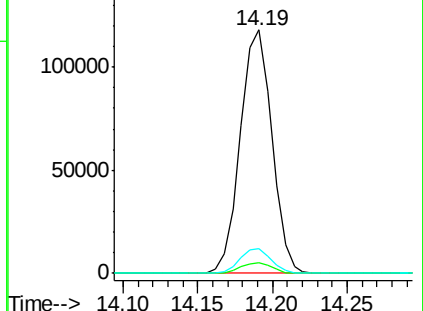
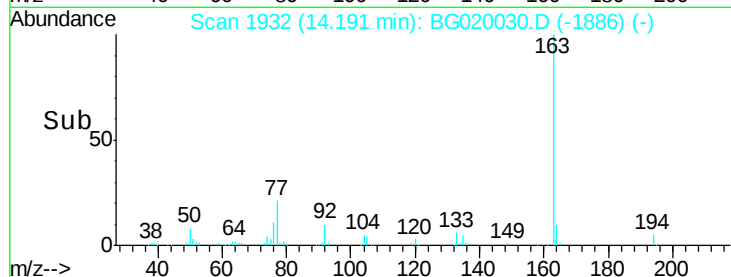
164 10.3 8.8 13.2



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: 41.02 ng

RT: 14.31 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

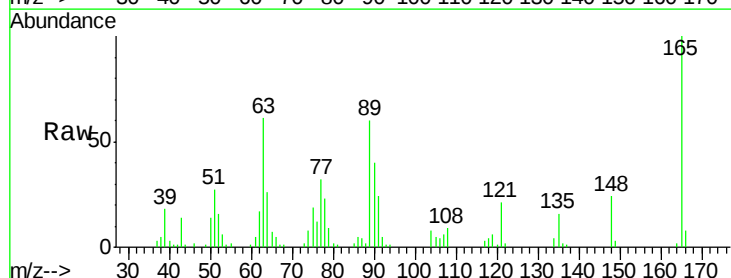
Tgt Ion:165 Resp: 38437

Ion Ratio Lower Upper

165 100

63 60.6 35.7 53.5#

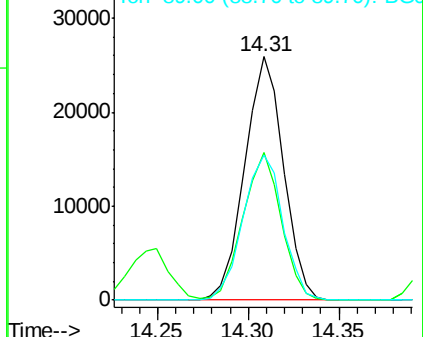
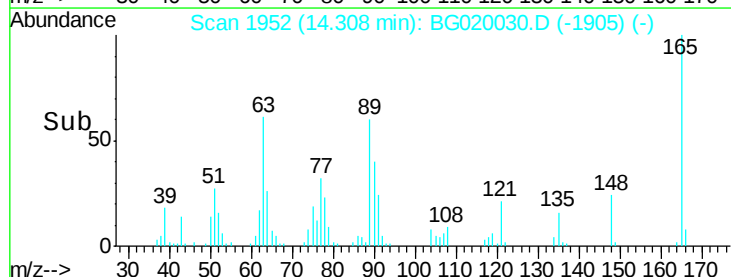
89 59.7 39.7 59.5#

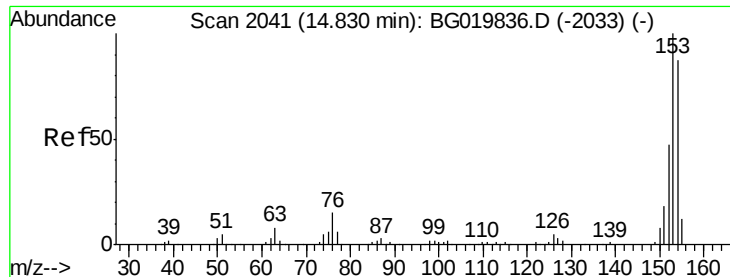


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.47 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

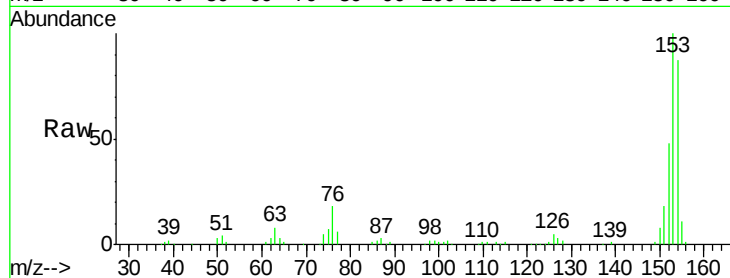
Tgt Ion:154 Resp: 142980

Ion Ratio Lower Upper

154 100

153 115.2 92.9 139.3

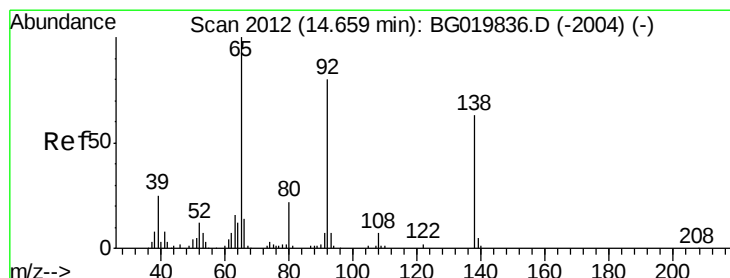
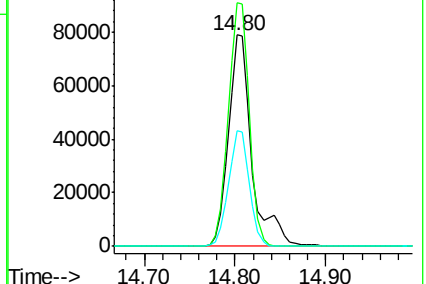
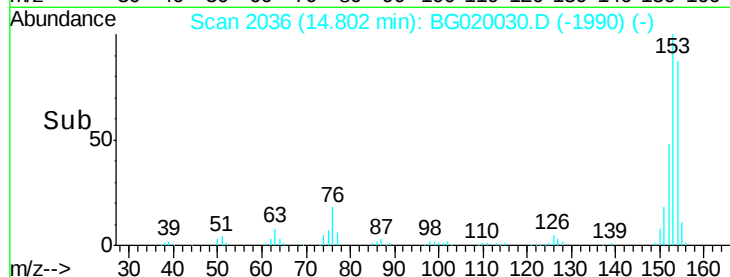
152 54.7 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.41 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

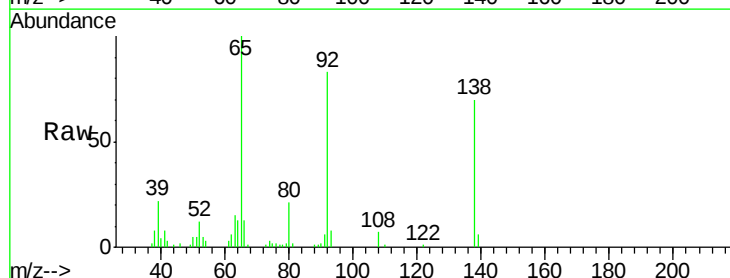
Tgt Ion:138 Resp: 22795

Ion Ratio Lower Upper

138 100

108 10.6 7.9 11.9

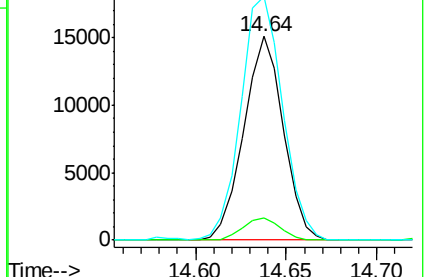
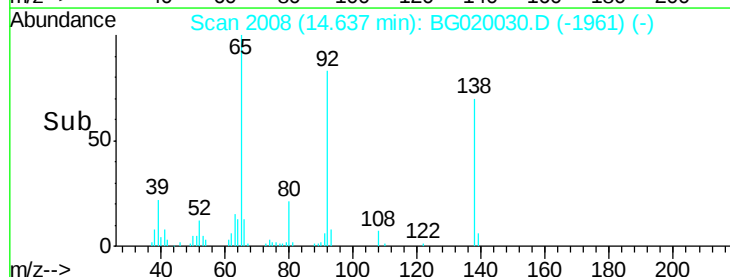
92 119.7 94.2 141.4

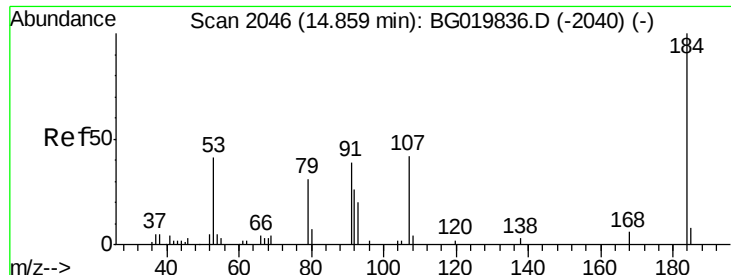


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

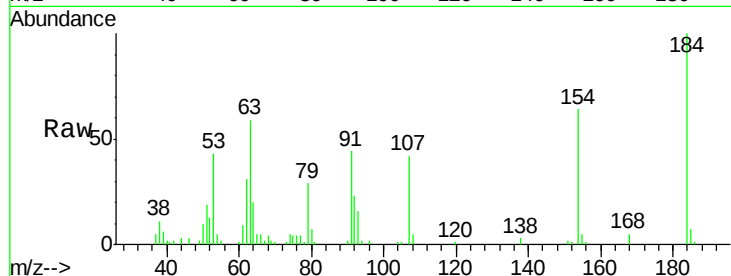




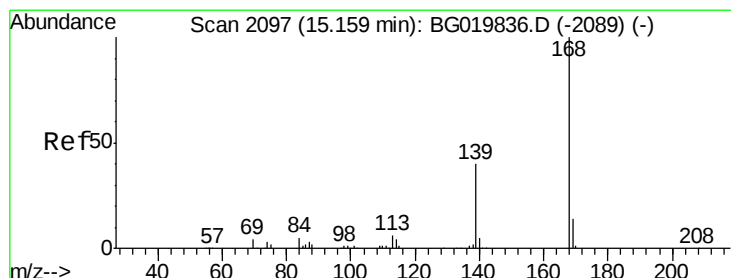
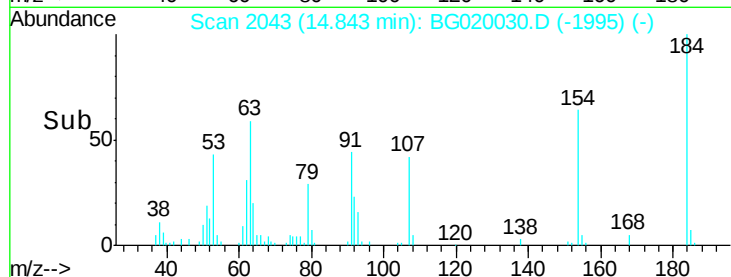
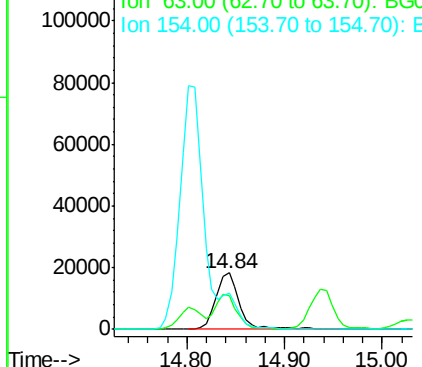
#53
2,4-Dinitrophenol
Concen: 63.73 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion:184 Resp: 30719
Ion Ratio Lower Upper
184 100
63 59.1 42.7 64.1
154 63.6 44.3 66.5

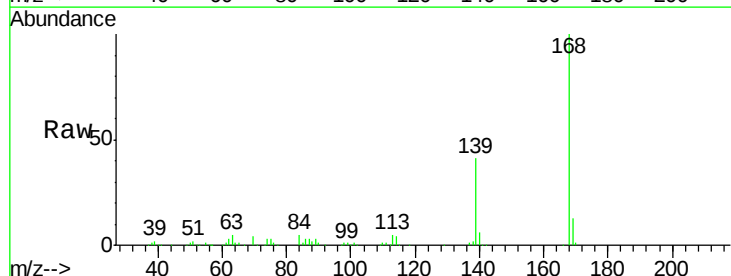


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

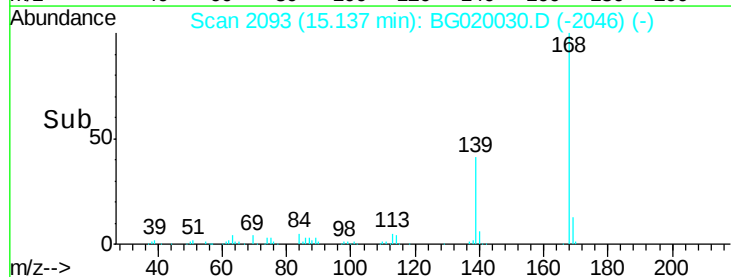
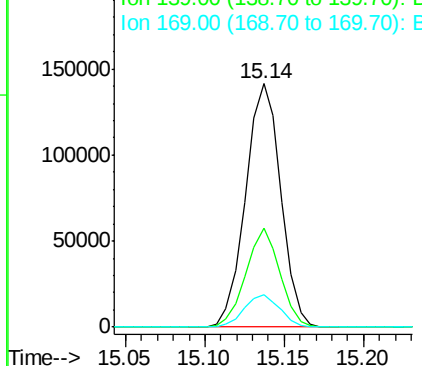


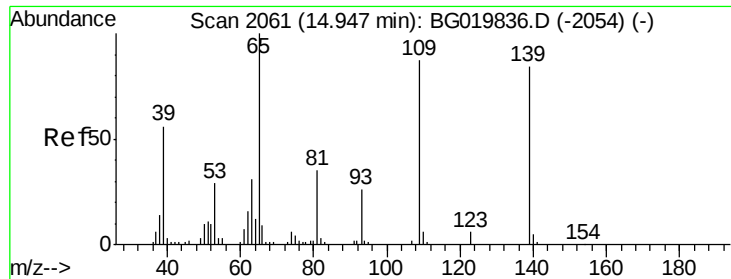
#54
Dibenzofuran
Concen: 40.41 ng
RT: 15.14 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:168 Resp: 217784
Ion Ratio Lower Upper
168 100
139 40.7 27.4 41.0
169 13.3 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

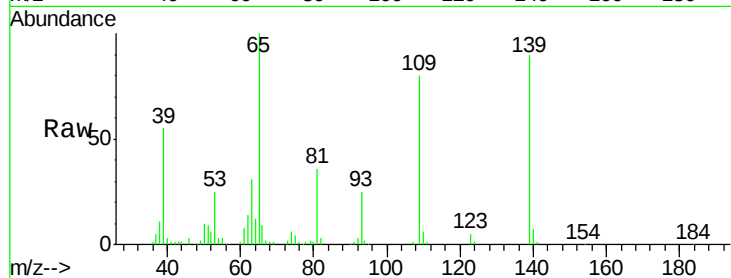




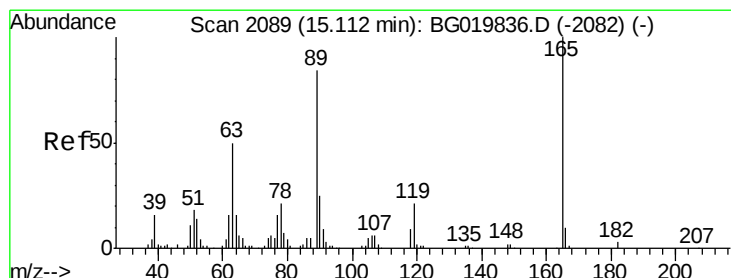
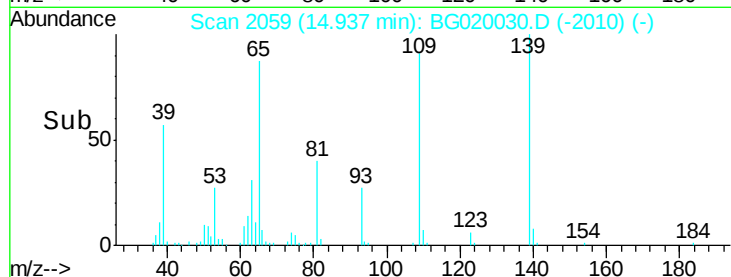
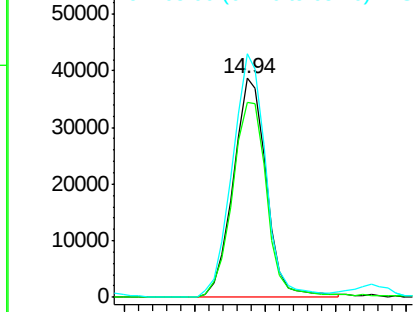
#55
4-Nitrophenol
Concen: 74.87 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion:139 Resp: 63479
Ion Ratio Lower Upper
139 100
109 89.4 43.2 83.2#
65 111.3 67.8 107.8#

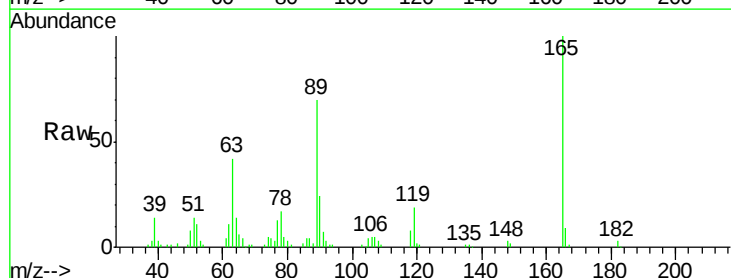


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

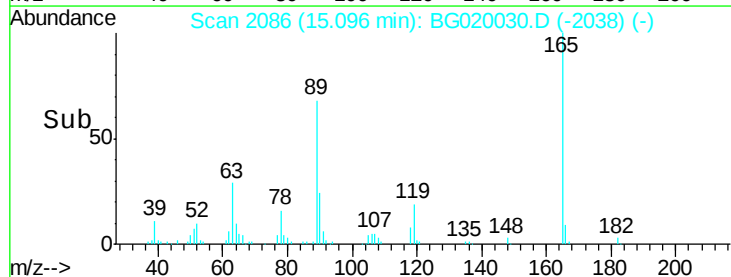
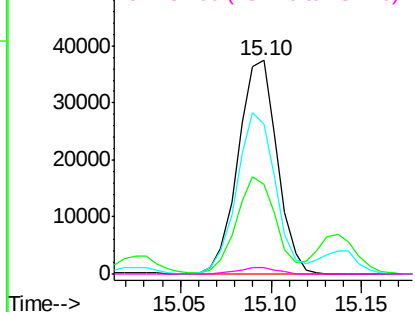


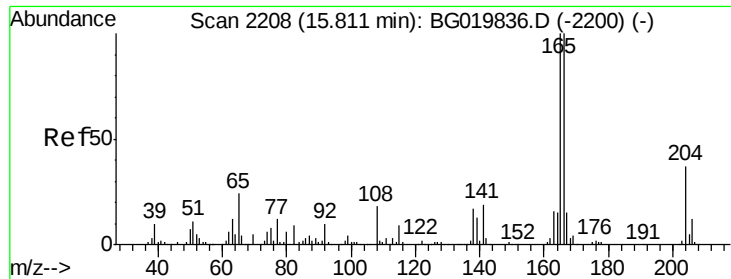
#56
2,4-Dinitrotoluene
Concen: 42.82 ng
RT: 15.10 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:165 Resp: 55978
Ion Ratio Lower Upper
165 100
63 42.0 31.0 46.4
89 70.0 54.4 81.6
182 2.8 1.6 2.4#



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

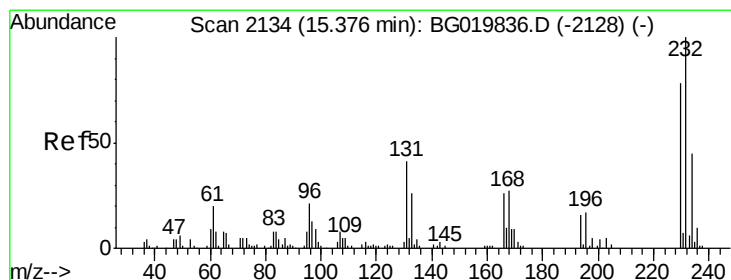
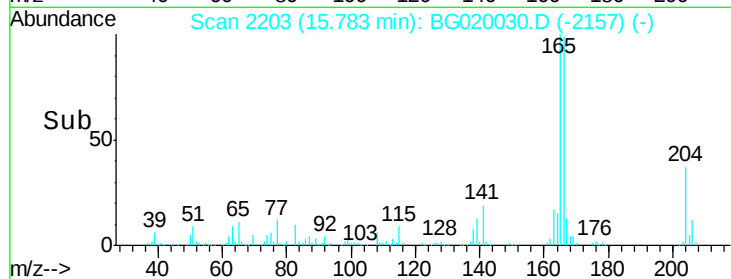
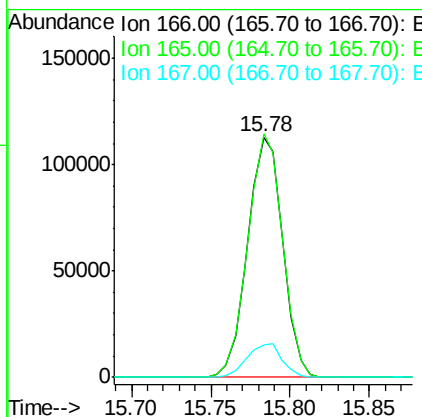
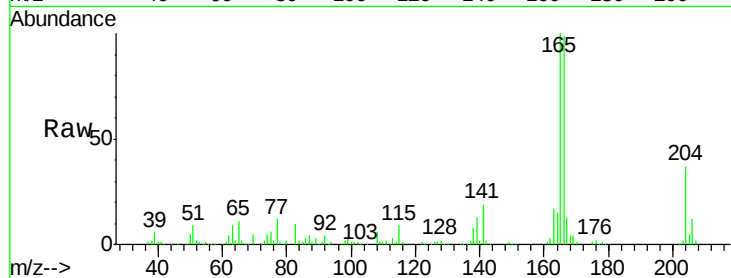




#57
Fluorene
 Concen: 36.04 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

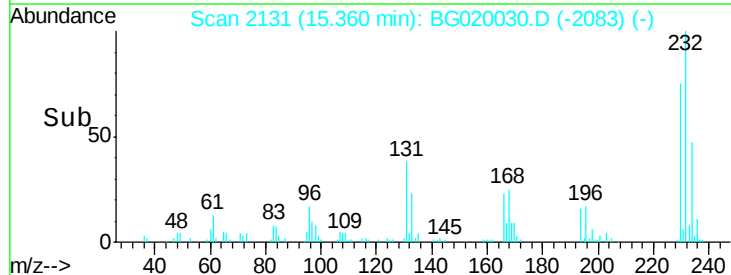
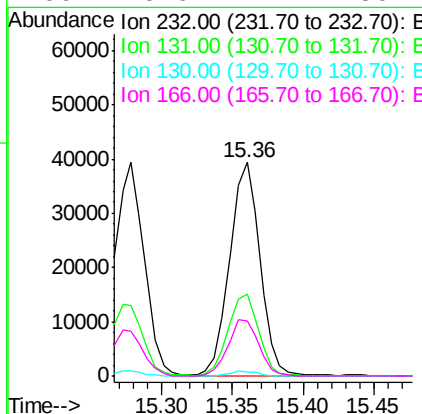
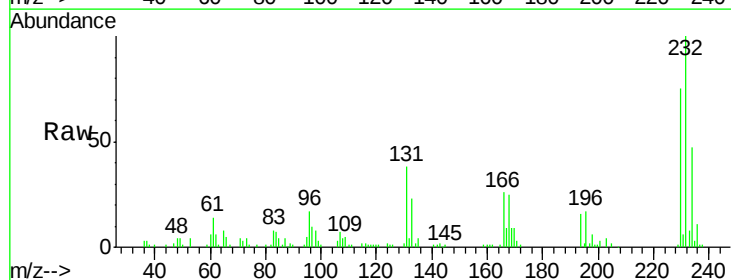
Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

Tgt Ion:166 Resp: 173868
 Ion Ratio Lower Upper
 166 100
 165 101.3 80.0 120.0
 167 13.7 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.57 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion:232 Resp: 59329
 Ion Ratio Lower Upper
 232 100
 131 38.5 33.0 49.6
 130 2.1 2.0 3.0
 166 26.6 24.1 36.1

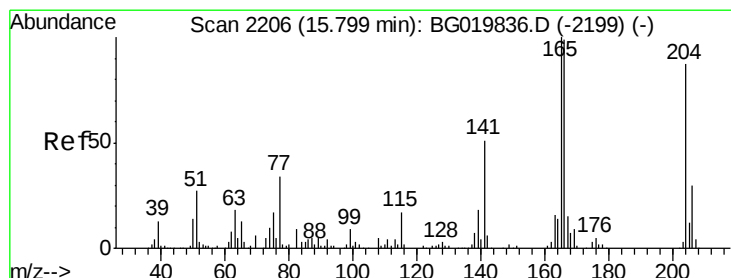
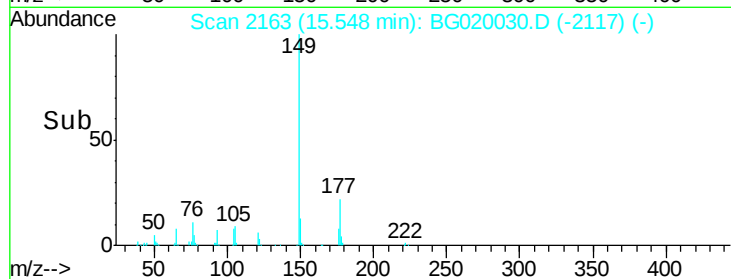
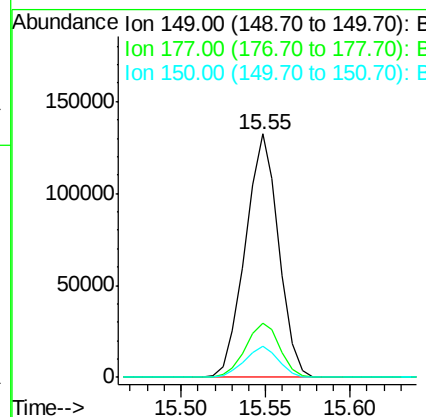
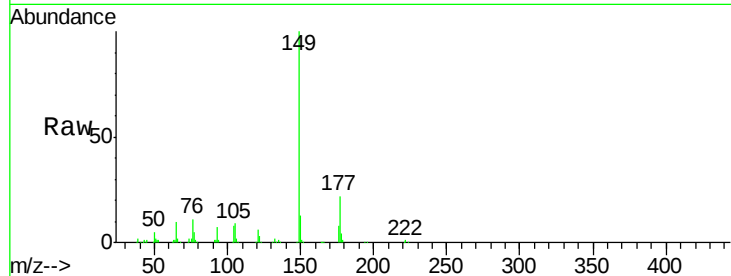




#59
Diethylphthalate
Concen: 33.68 ng
RT: 15.55 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

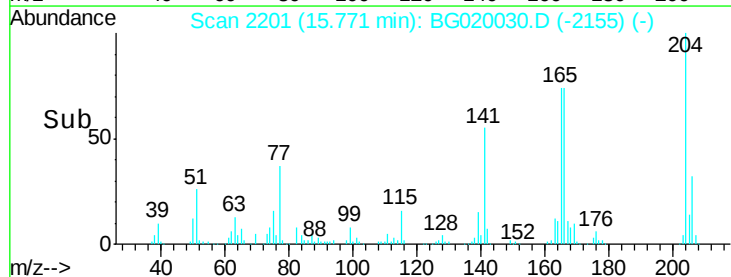
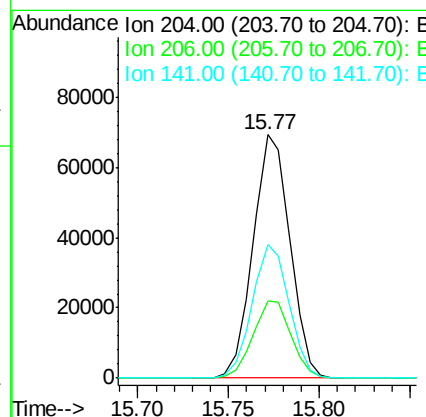
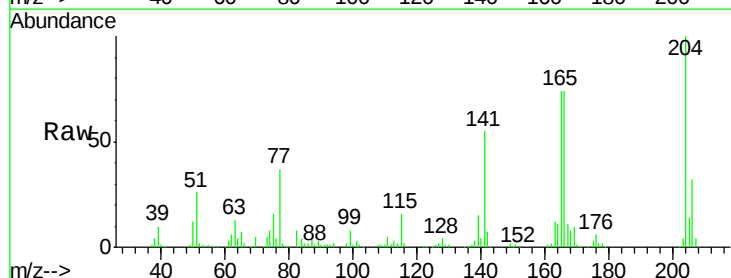
Instrument :
BNA_G
ClientSampleId :
PB87151BS

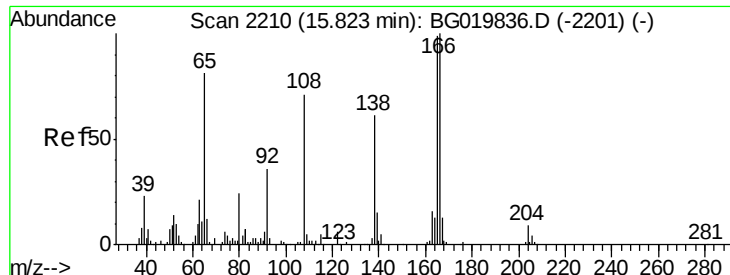
Tgt Ion:149 Resp: 181664
Ion Ratio Lower Upper
149 100
177 22.3 19.6 29.4
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.33 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:204 Resp: 97852
Ion Ratio Lower Upper
204 100
206 31.7 28.3 42.5
141 55.1 44.0 66.0

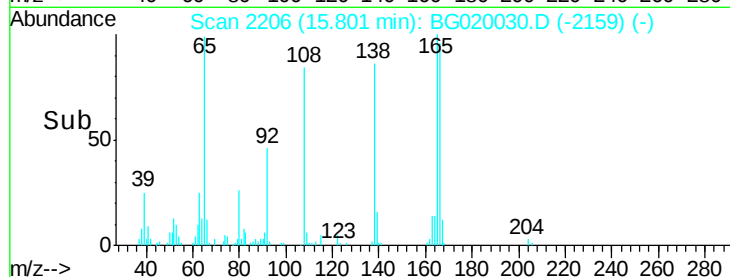
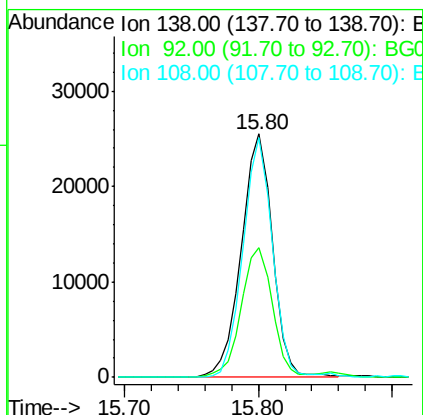
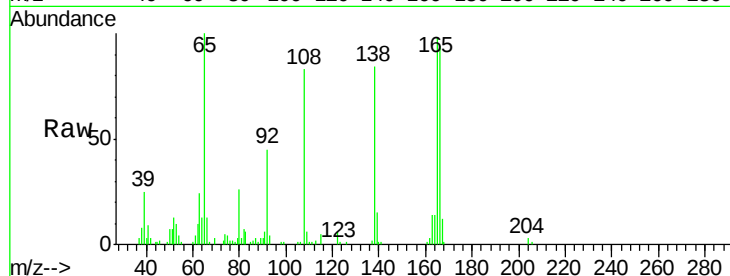




#61
4-Nitroaniline
Concen: 37.66 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

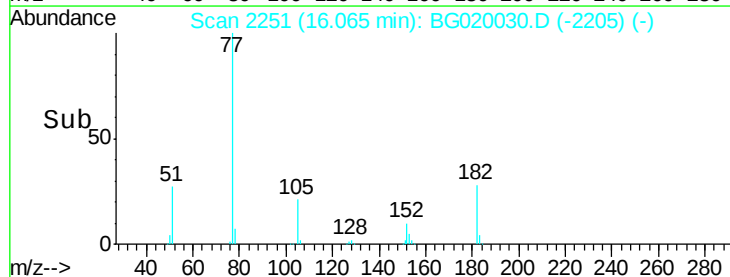
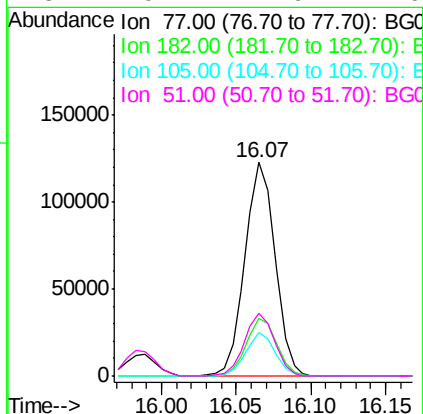
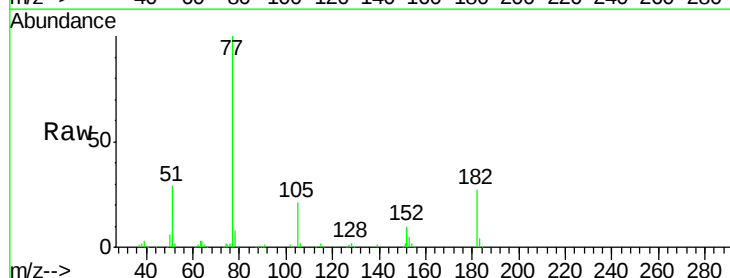
Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion:138 Resp: 41241
Ion Ratio Lower Upper
138 100
92 53.4 29.1 69.1
108 98.4 49.8 89.8#



#62
Azobenzene
Concen: 38.23 ng
RT: 16.07 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion: 77 Resp: 171601
Ion Ratio Lower Upper
77 100
182 27.2 7.0 47.0
105 20.5 1.4 41.4
51 29.2 4.9 44.9

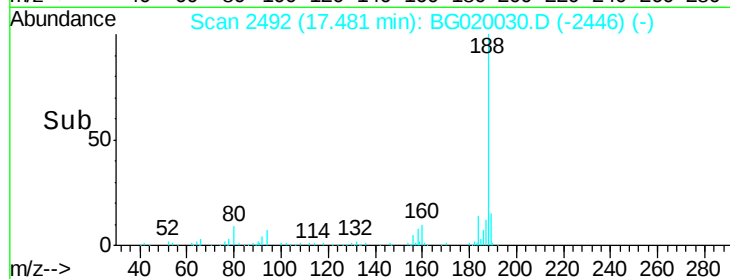
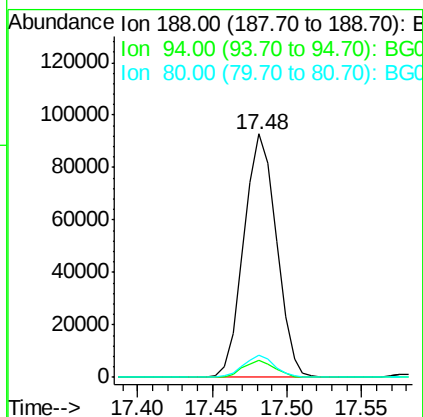
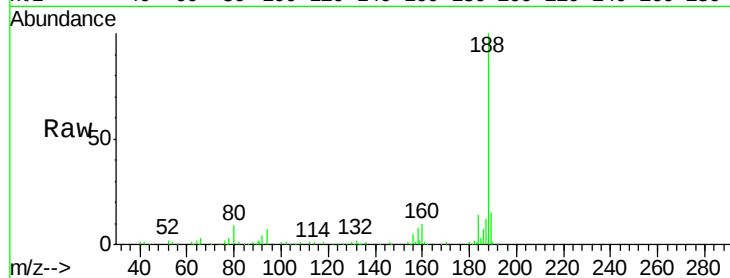




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

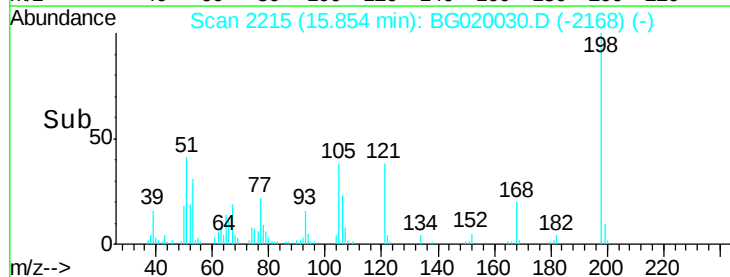
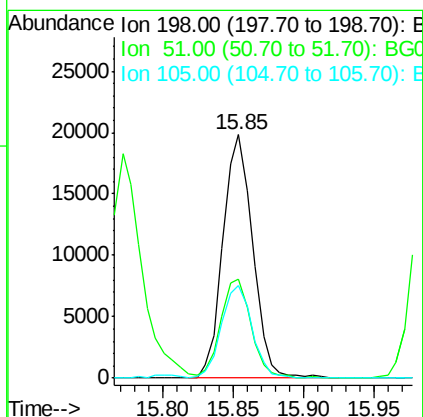
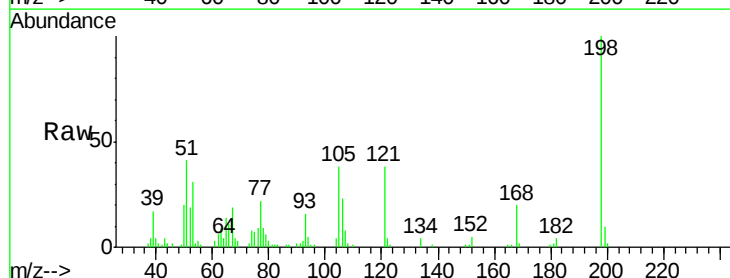
Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion:188 Resp: 140464
Ion Ratio Lower Upper
188 100
94 6.9 7.7 11.5#
80 9.1 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.45 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:198 Resp: 29242
Ion Ratio Lower Upper
198 100
51 40.9 14.2 54.2
105 38.1 21.1 61.1





#65

n-Nitrosodiphenylamine

Concen: 39.09 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

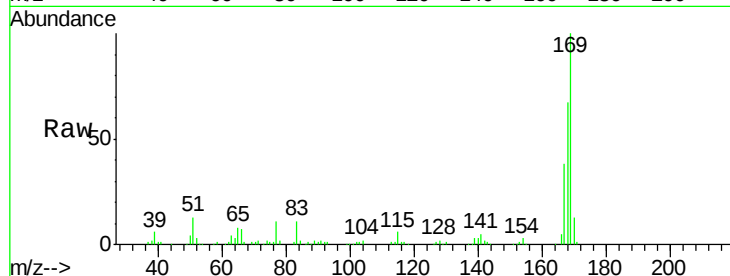
Tgt Ion:169 Resp: 158891

Ion Ratio Lower Upper

169 100

168 67.4 58.2 87.2

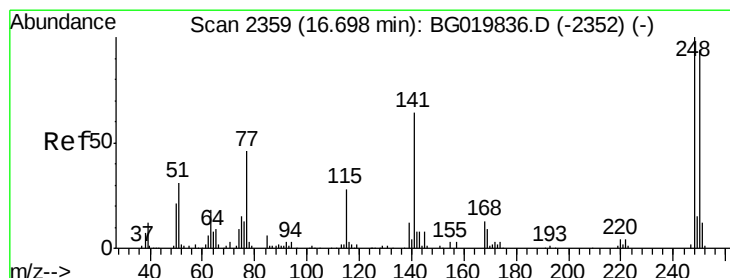
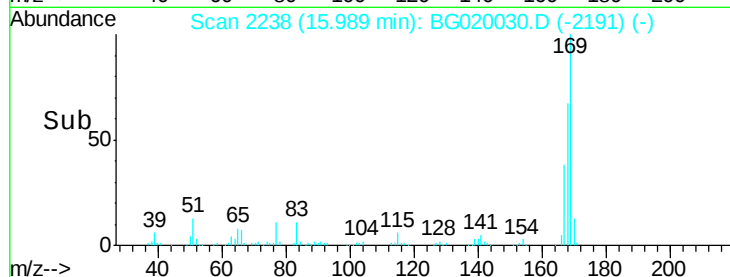
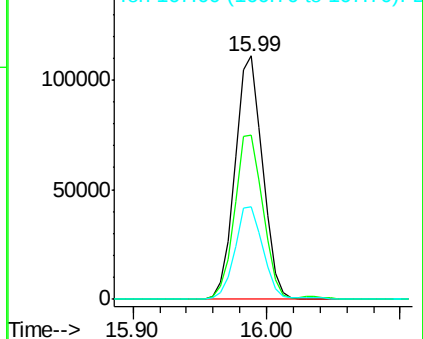
167 38.0 32.7 49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.75 ng

RT: 16.67 min Scan# 2354

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

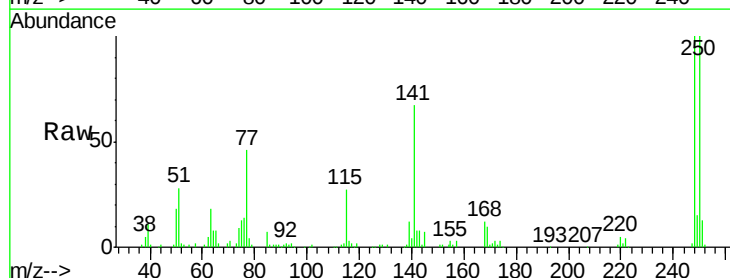
Tgt Ion:248 Resp: 65882

Ion Ratio Lower Upper

248 100

250 99.8 77.8 116.8

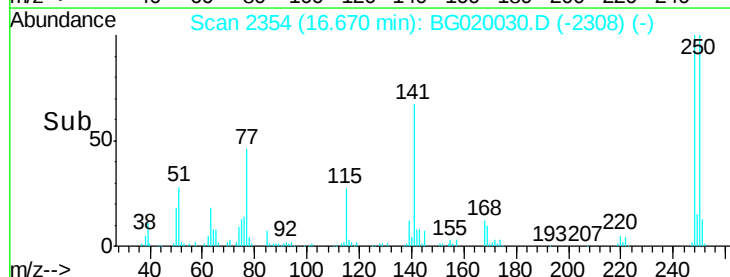
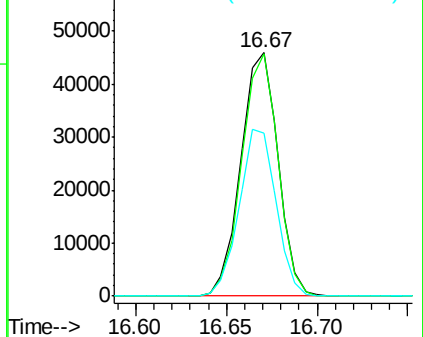
141 66.8 50.4 75.6

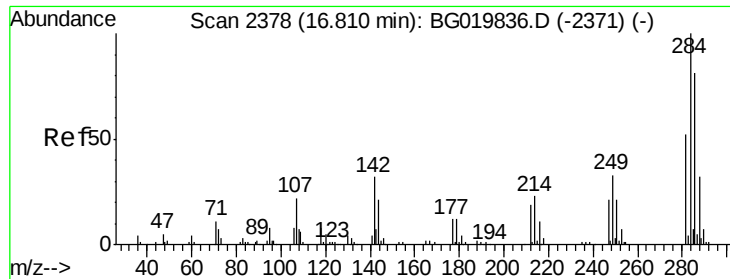


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.80 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

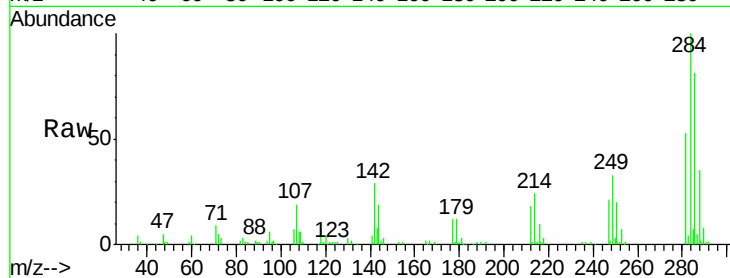
Tgt Ion:284 Resp: 70538

Ion Ratio Lower Upper

284 100

142 29.1 26.6 39.8

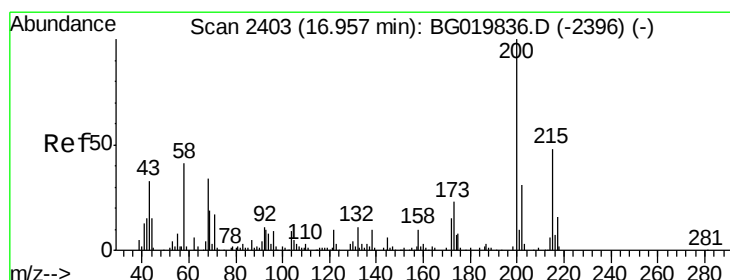
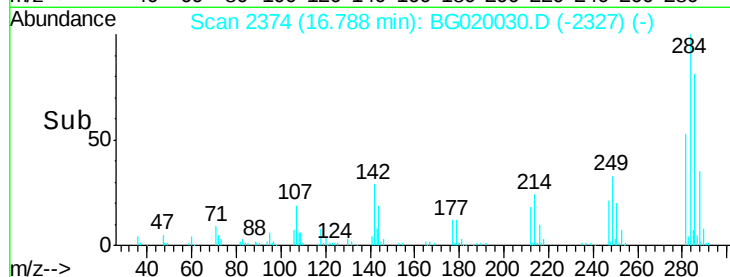
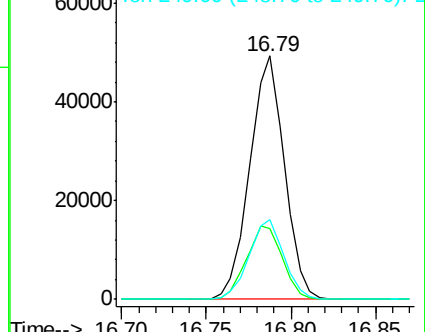
249 32.6 26.2 39.2



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: 36.96 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

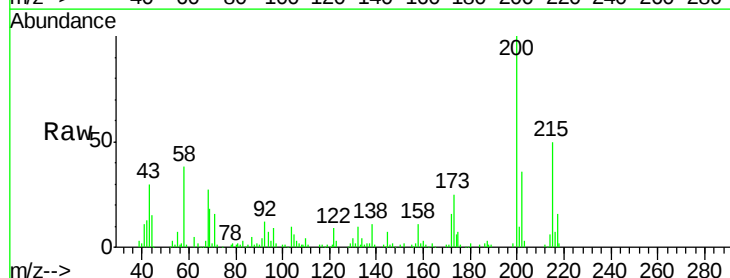
Tgt Ion:200 Resp: 65267

Ion Ratio Lower Upper

200 100

173 24.7 5.2 45.2

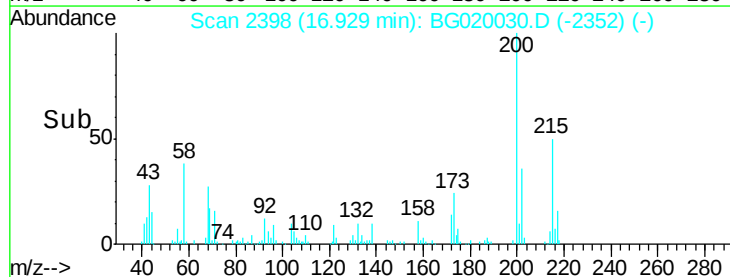
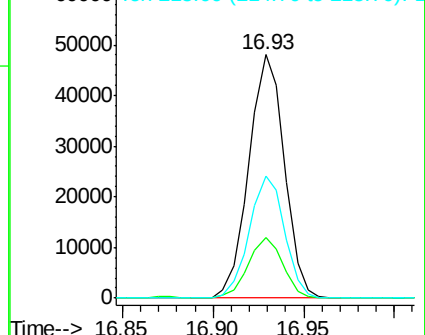
215 50.0 27.0 67.0

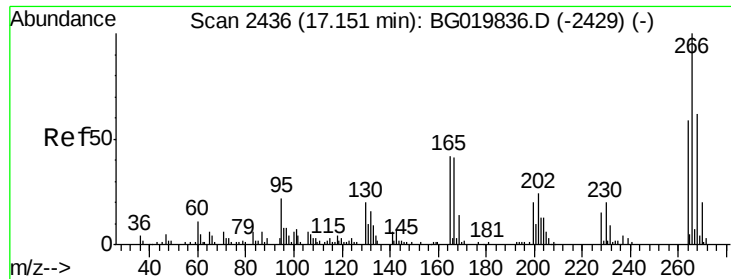


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

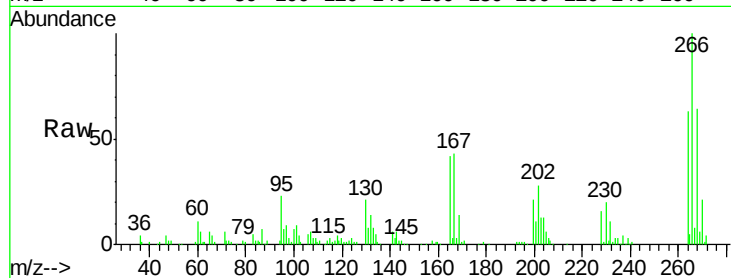




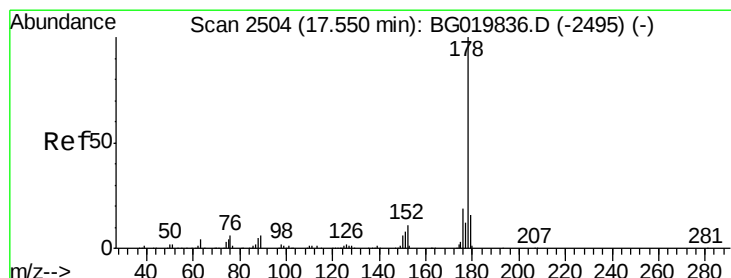
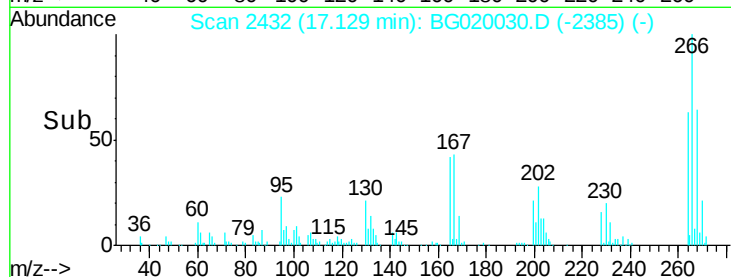
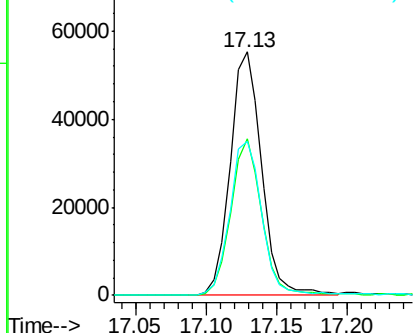
#69
 Pentachlorophenol
 Concen: 80.66 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

Tgt Ion:266 Resp: 85591
 Ion Ratio Lower Upper
 266 100
 268 64.4 47.6 71.4
 264 63.3 48.1 72.1

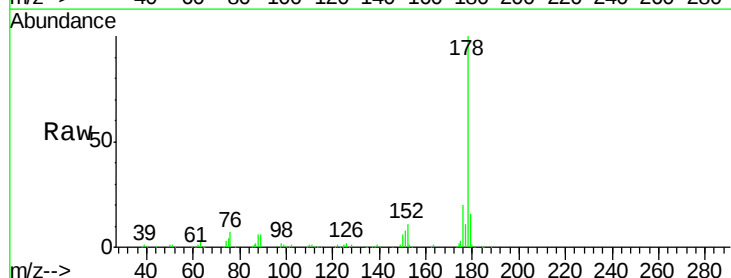


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

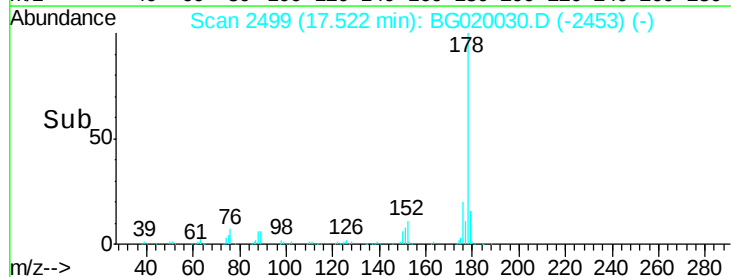
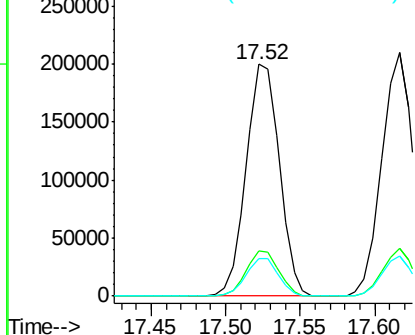


#70
 Phenanthrene
 Concen: 38.69 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.03 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion:178 Resp: 307509
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.7 25.1
 179 16.2 13.9 20.9



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

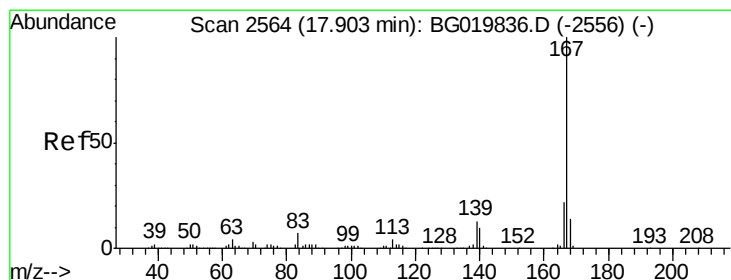
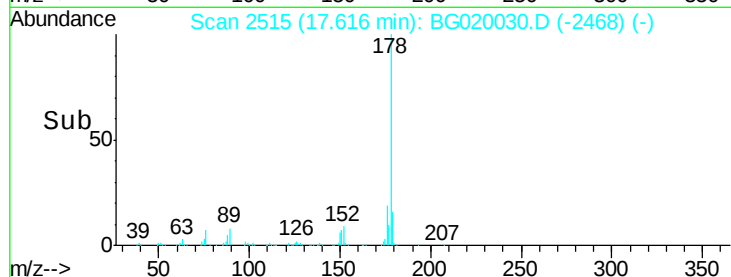
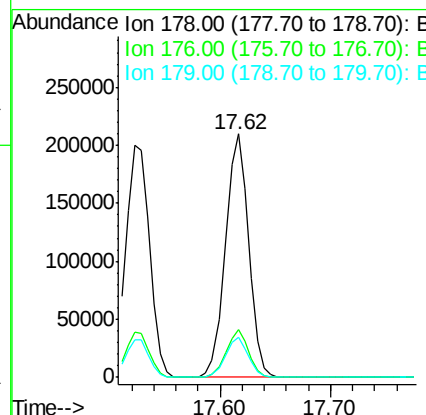
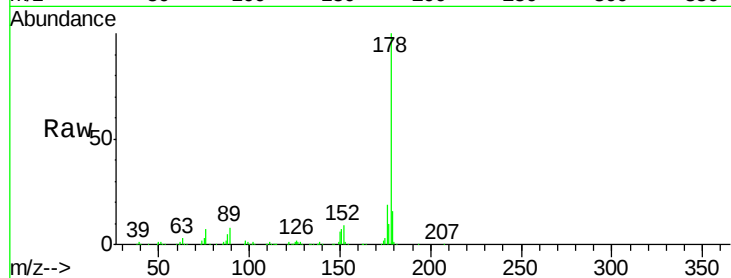




#71
 Anthracene
 Concen: 38.06 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

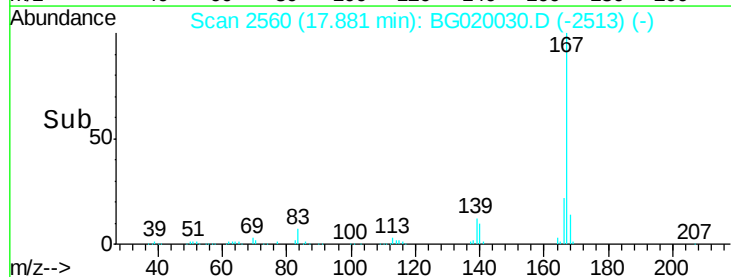
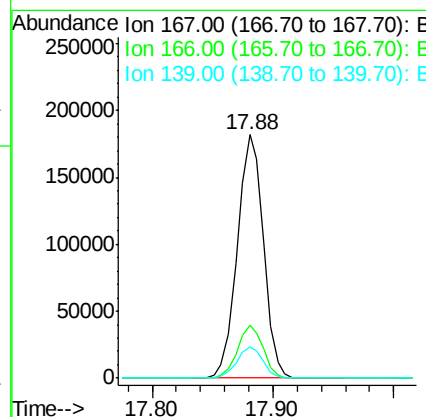
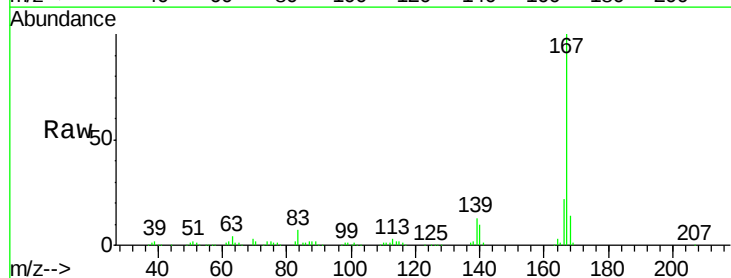
Instrument :
 BNA_G
 ClientSampled :
 PB87151BS

Tgt Ion:178 Resp: 308071
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.8 25.2
 179 16.3 13.9 20.9



#72
 Carbazole
 Concen: 38.43 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion:167 Resp: 274019
 Ion Ratio Lower Upper
 167 100
 166 22.0 19.0 28.6
 139 12.8 10.2 15.4

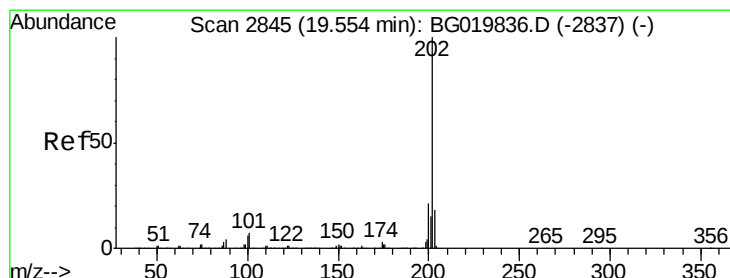
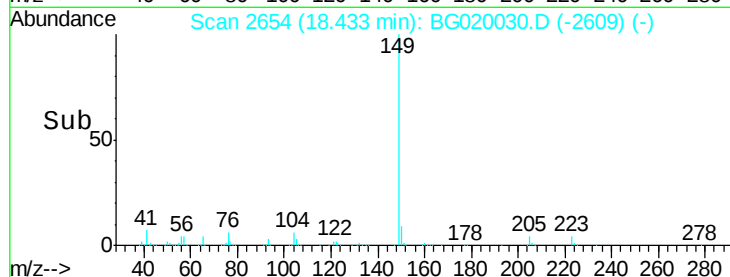
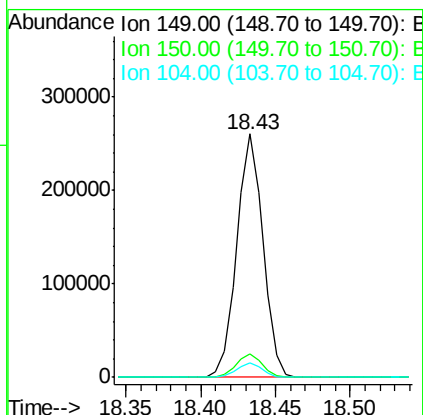
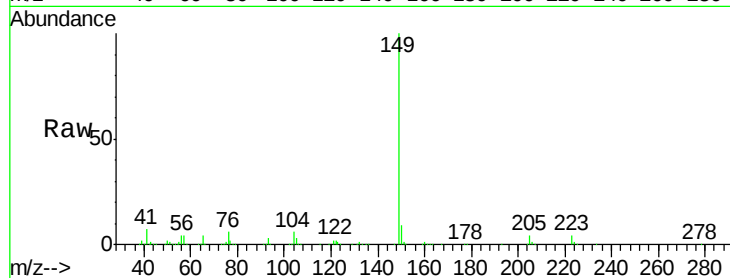




#73
Di-n-butylphthalate
Concen: 36.43 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

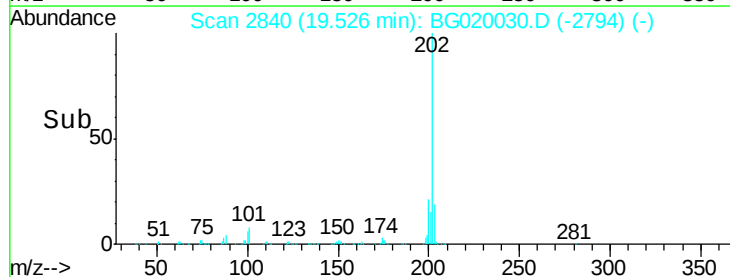
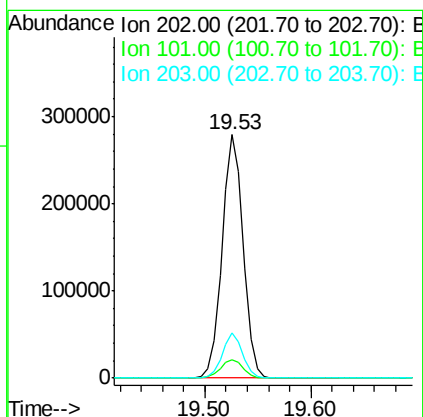
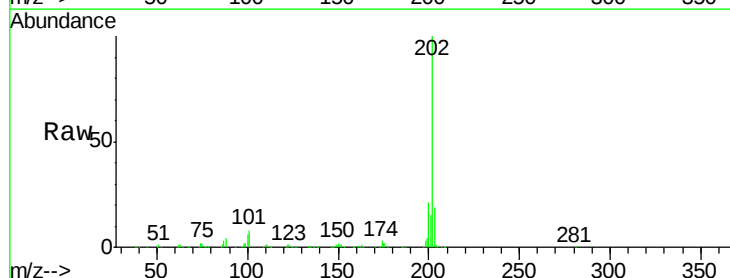
Instrument :
BNA_G
ClientSampleId :
PB87151BS

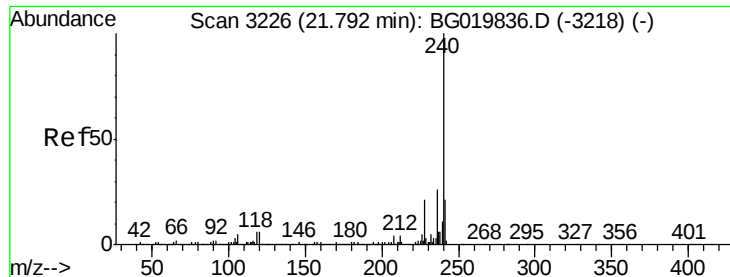
Tgt Ion:149 Resp: 318459
Ion Ratio Lower Upper
149 100
150 9.5 8.2 12.4
104 6.0 4.4 6.6



#74
Fluoranthene
Concen: 37.84 ng
RT: 19.53 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion:202 Resp: 384648
Ion Ratio Lower Upper
202 100
101 7.6 0.0 32.4
203 18.7 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

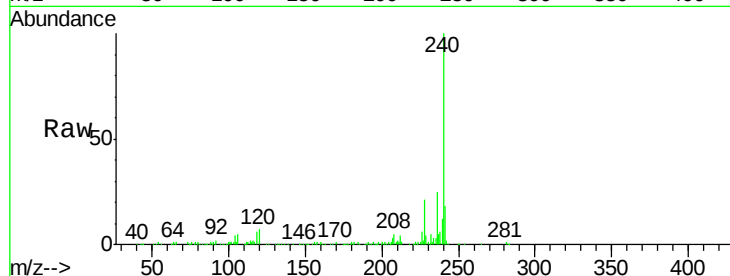
Tgt Ion:240 Resp: 173765

Ion Ratio Lower Upper

240 100

120 7.3 7.4 11.0#

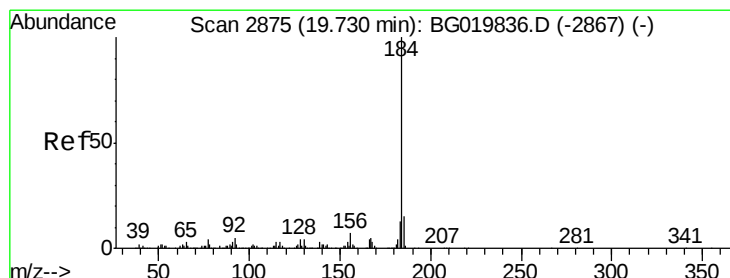
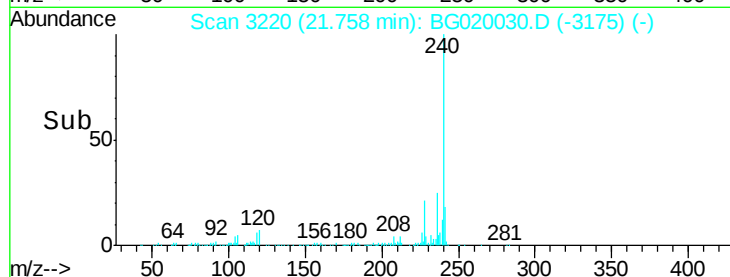
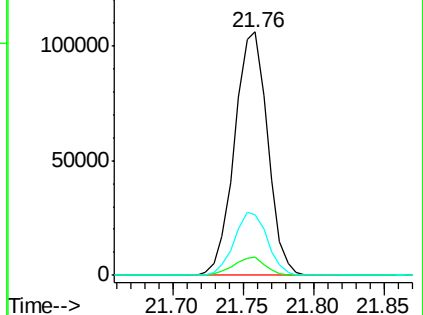
236 24.9 20.7 31.1



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: 17.66 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

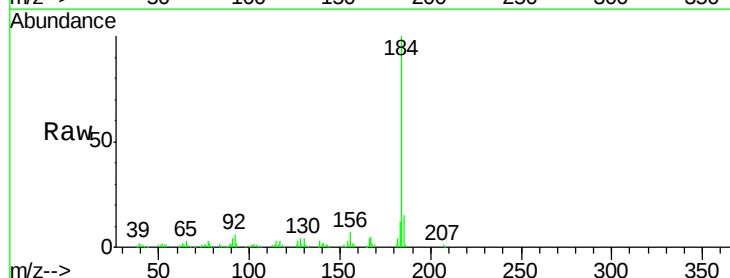
Tgt Ion:184 Resp: 100782

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

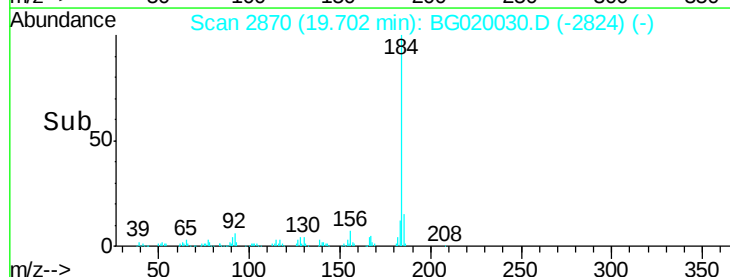
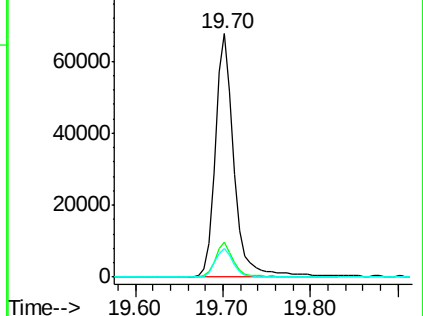
183 11.7 10.1 15.1

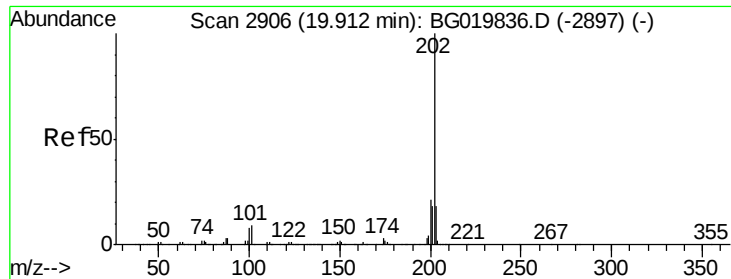


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

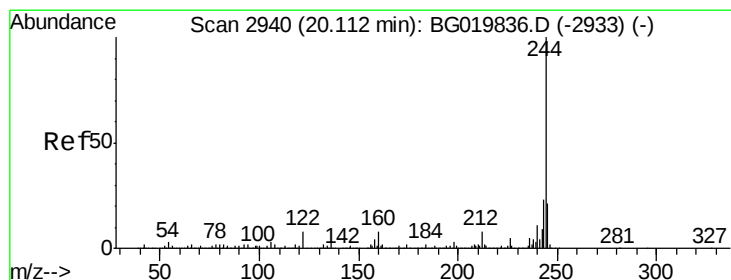
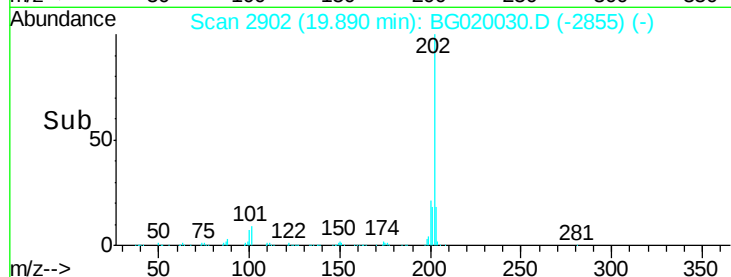
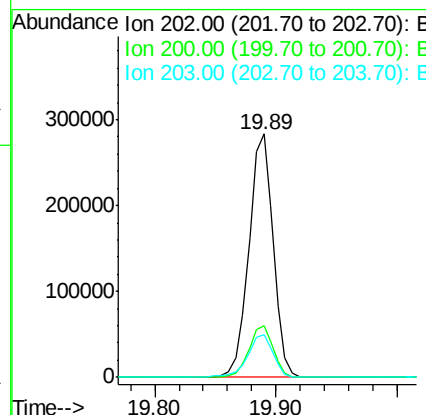
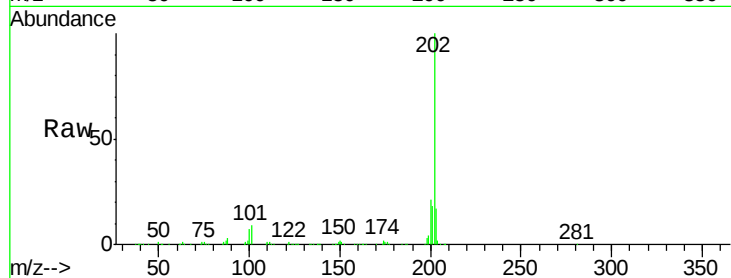




#77
 Pyrene
 Concen: 38.79 ng
 RT: 19.89 min Scan# 2902
 Delta R.T. -0.02 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

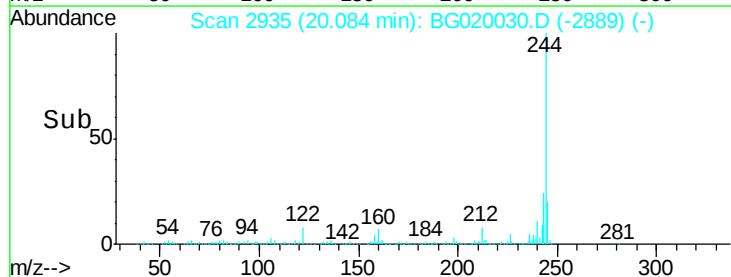
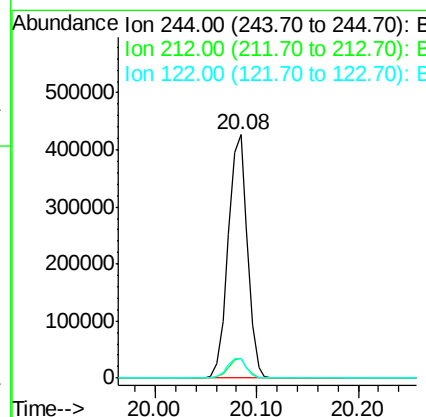
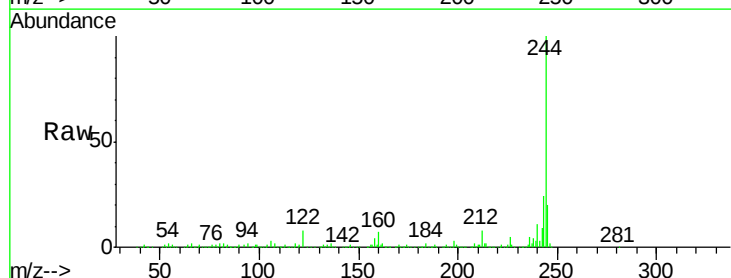
Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

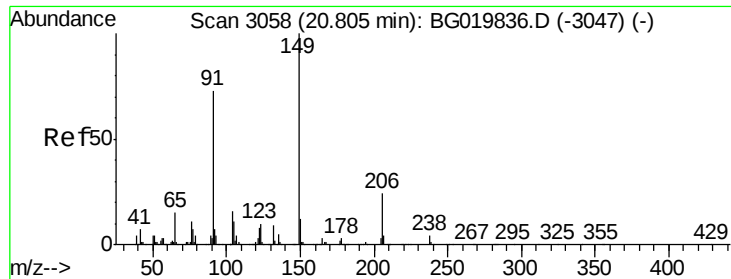
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.4	29.0
203	17.5	15.5	23.3



#78
 Terphenyl-d14
 Concen: 78.47 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.03 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	7.9	10.2	15.2#

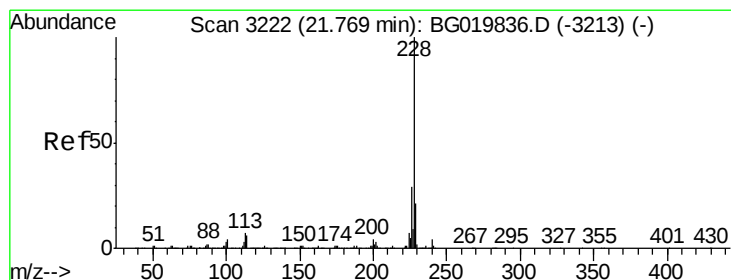
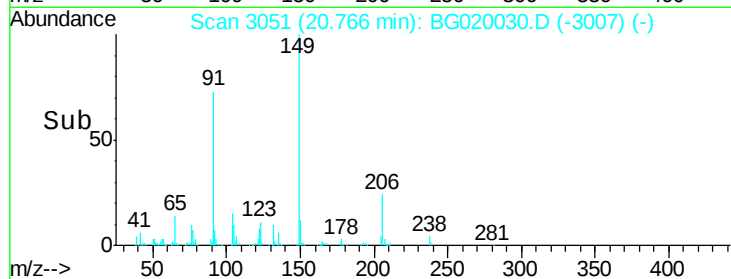
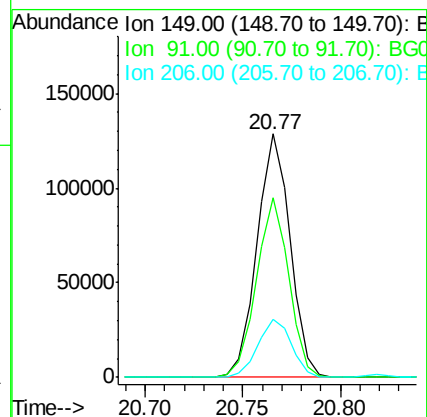
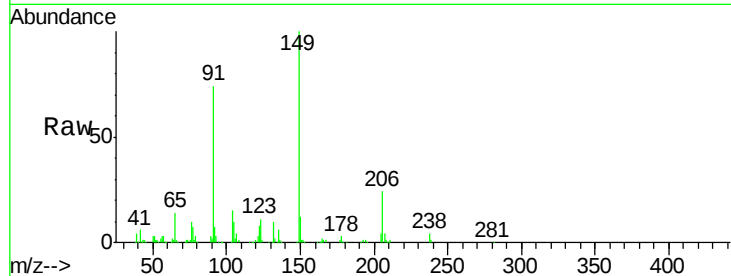




#79
Butylbenzylphthalate
Concen: 37.71 ng
RT: 20.77 min Scan# 3051
Delta R.T. -0.04 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

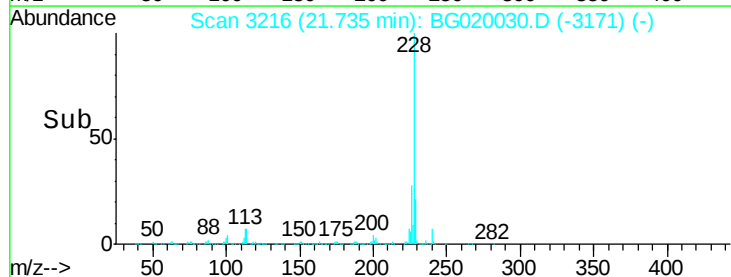
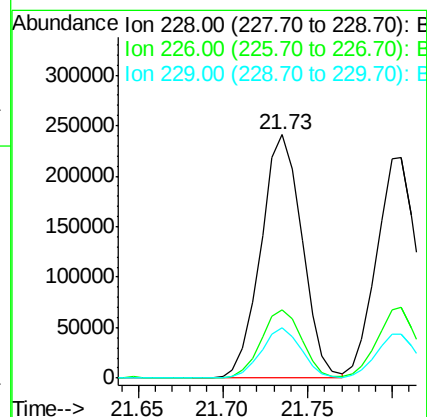
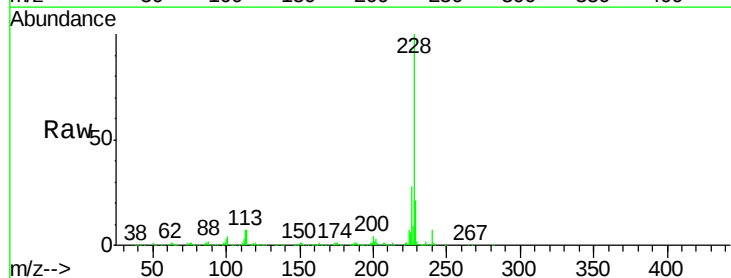
Instrument :
BNA_G
ClientSampleId :
PB87151BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	58.1	87.1
206	23.6	17.8	26.8



#80
Benzo(a)anthracene
Concen: 38.27 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.03 min
Lab File: BG020030.D
Acq: 9 Dec 2015 6:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.0
229	20.6	16.6	25.0

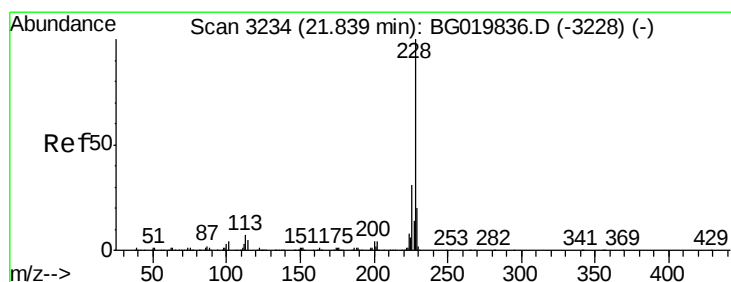
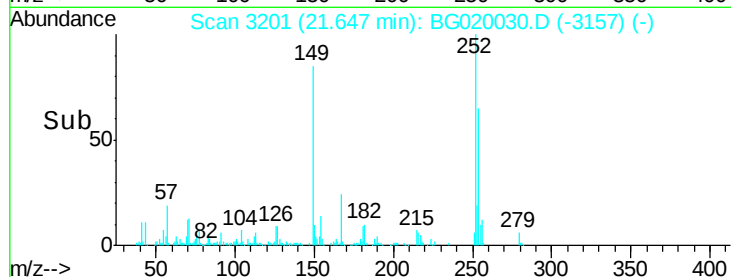
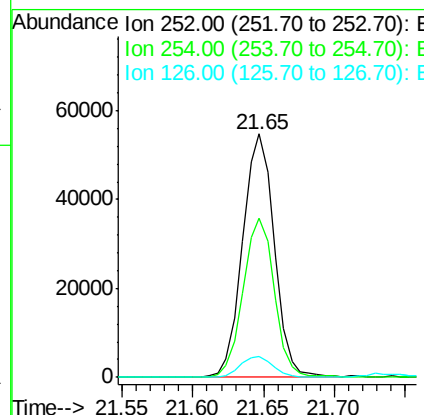
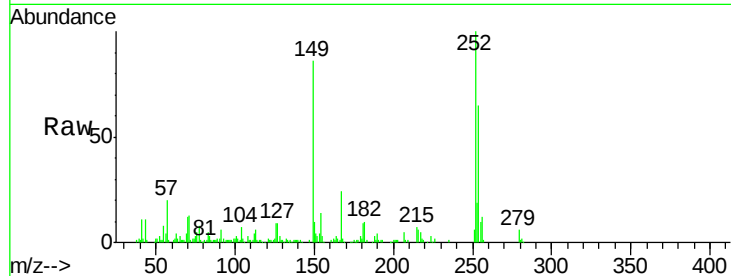




#81
 3,3'-Dichlorobenzidine
 Concen: 21.22 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

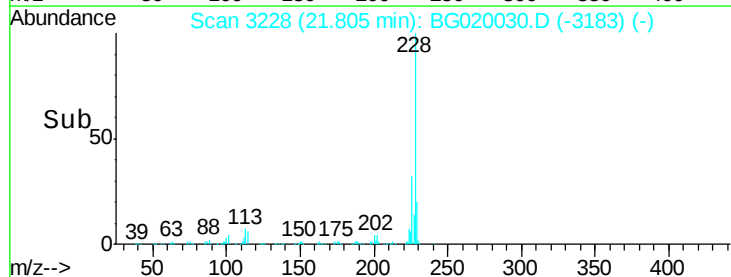
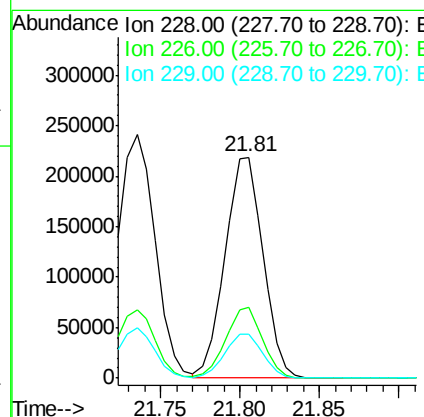
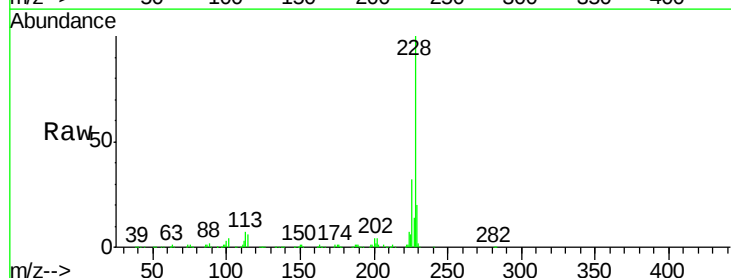
Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

Tgt Ion: 252 Resp: 85969
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.5 78.7
 126 8.7 8.5 12.7



#82
 Chrysene
 Concen: 35.87 ng
 RT: 21.81 min Scan# 3228
 Delta R.T. -0.03 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion: 228 Resp: 362233
 Ion Ratio Lower Upper
 228 100
 226 31.8 26.7 40.1
 229 20.1 17.0 25.6

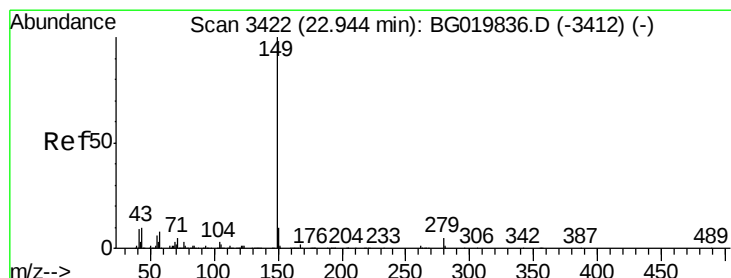
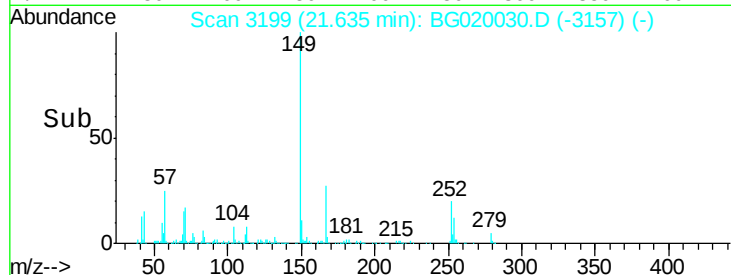
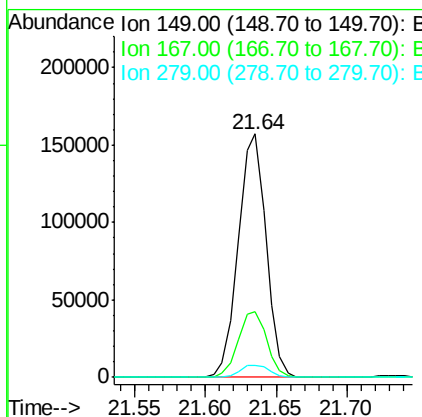
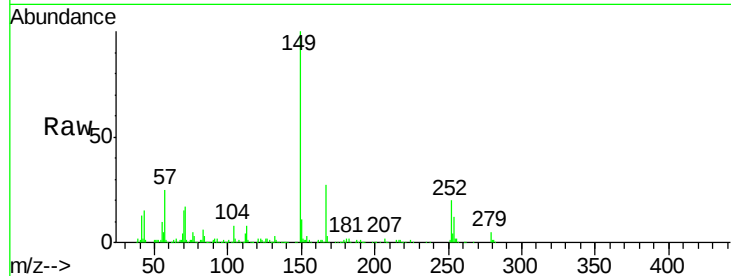




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.72 ng
 RT: 21.64 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

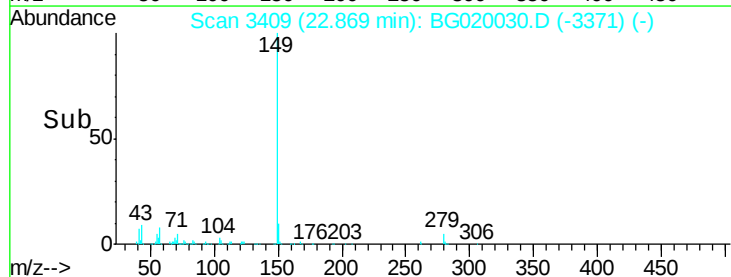
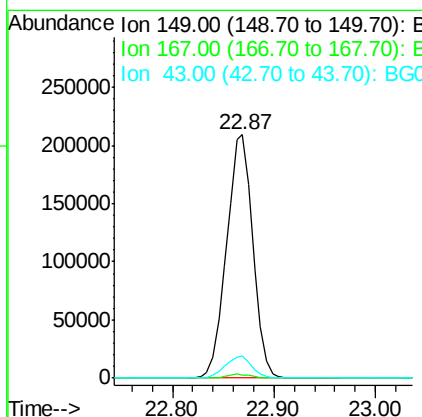
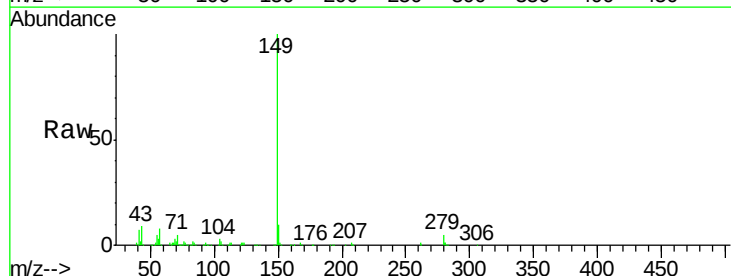
Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

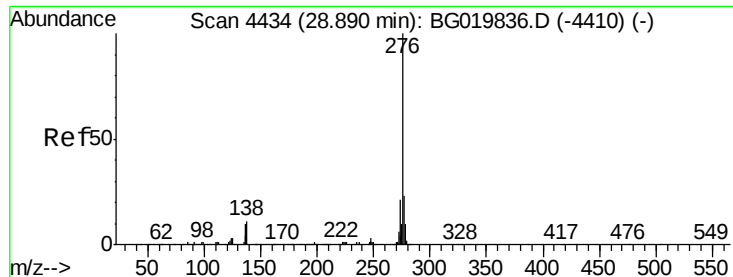
Tgt Ion:149 Resp: 215930
 Ion Ratio Lower Upper
 149 100
 167 26.8 23.8 35.8
 279 4.9 3.4 5.2



#84
 Di-n-octyl phthalate
 Concen: 39.14 ng
 RT: 22.87 min Scan# 3409
 Delta R.T. -0.07 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion:149 Resp: 374236
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.1 5.9 8.9#

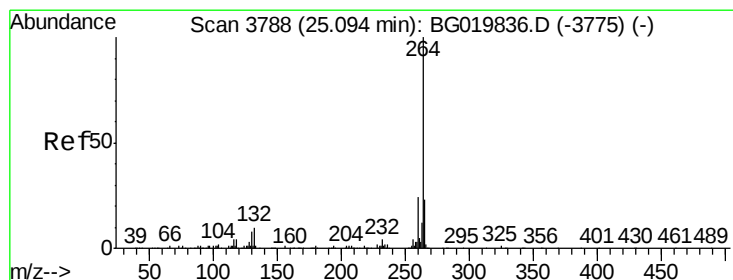
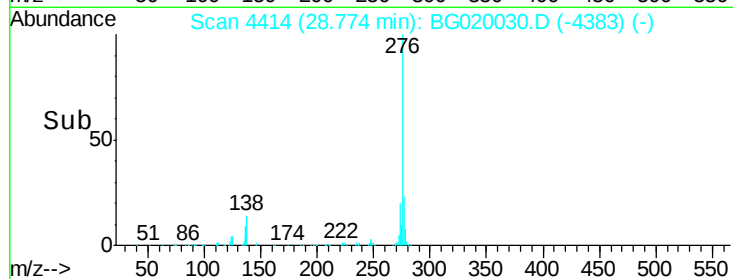
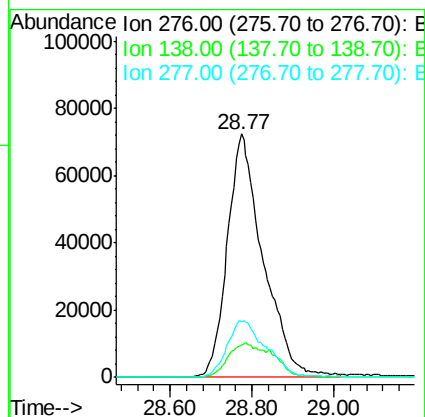
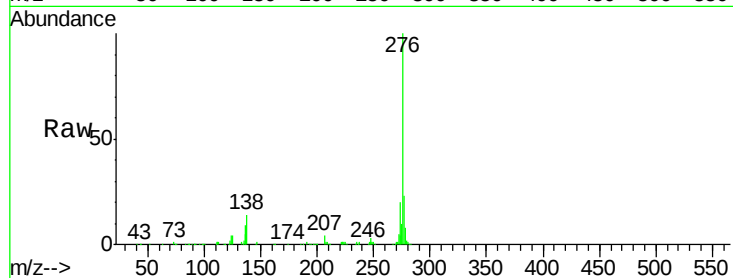




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.48 ng
 RT: 28.77 min Scan# 4414
 Delta R.T. -0.12 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

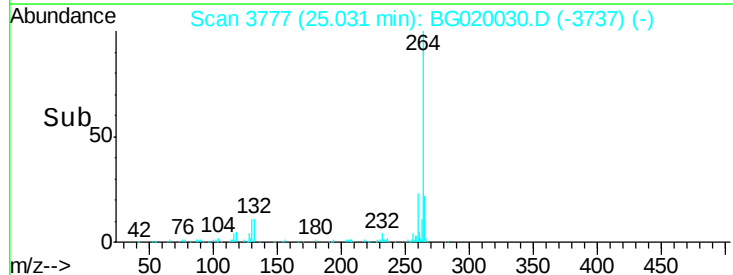
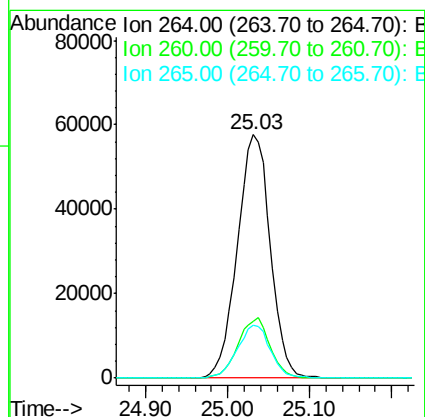
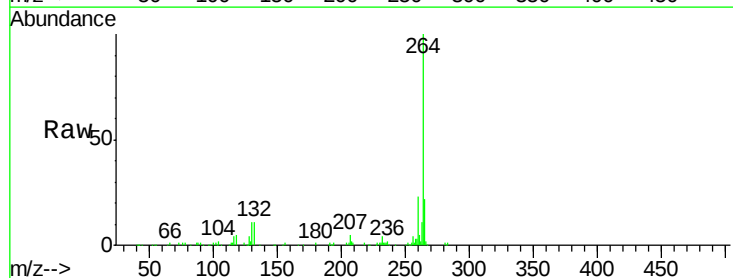
Instrument :
 BNA_G
 ClientSampleId :
 PB87151BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	0.0	0.0#
277	25.5	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG020030.D
 Acq: 9 Dec 2015 6:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.62 ng

RT: 23.99 min Scan# 3600

Delta R.T. -0.06 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

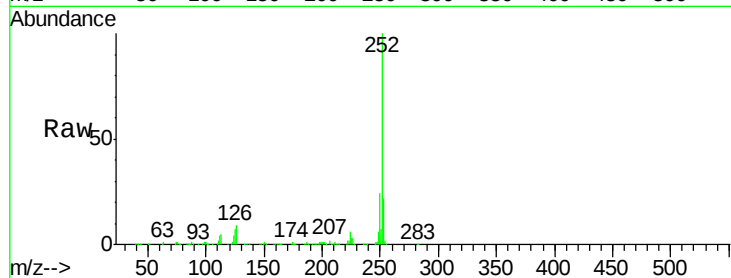
Tgt Ion:252 Resp: 395630

Ion Ratio Lower Upper

252 100

253 21.6 19.1 28.7

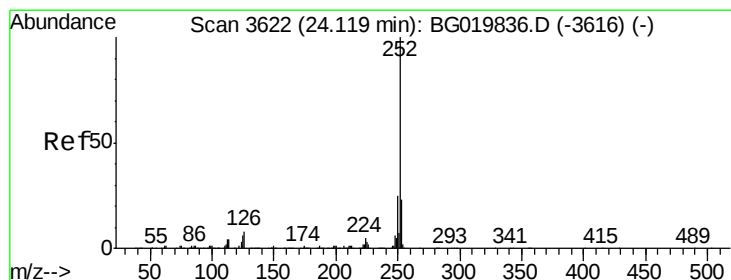
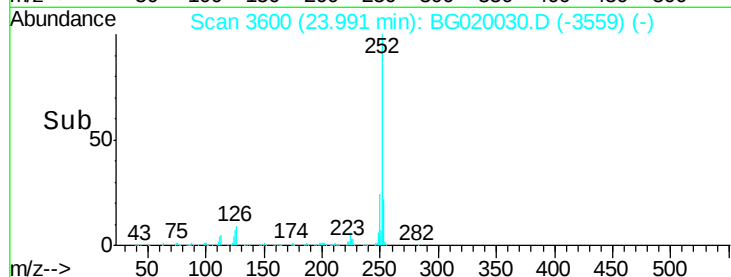
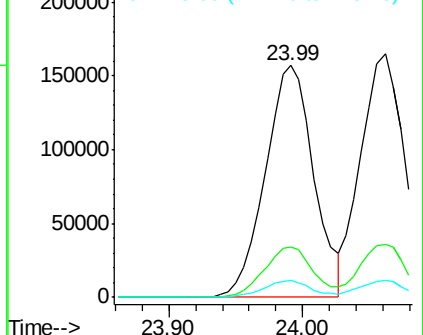
125 7.1 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.03 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.06 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

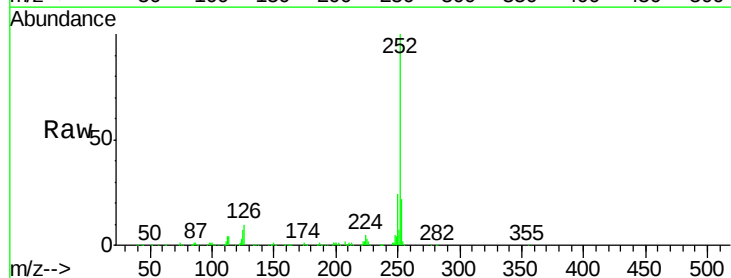
Tgt Ion:252 Resp: 375734

Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.4

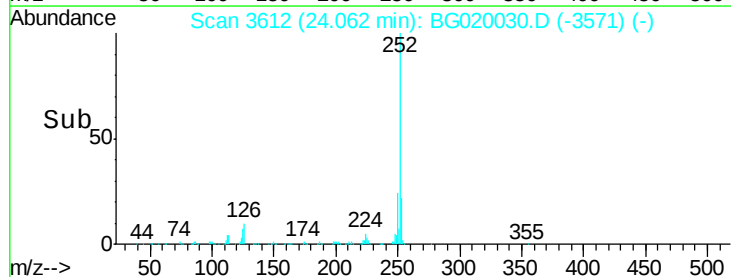
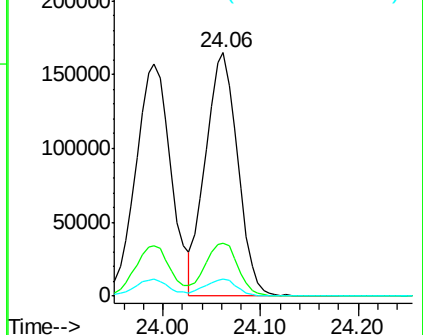
125 6.8 8.9 13.3#

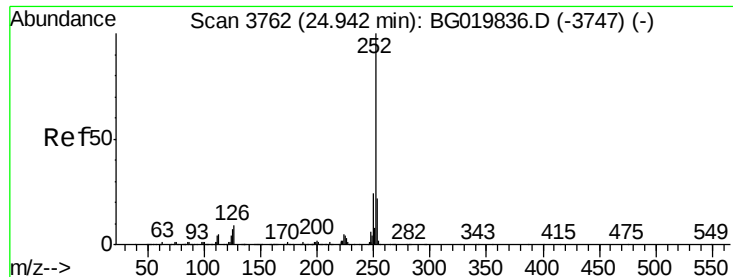


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.61 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

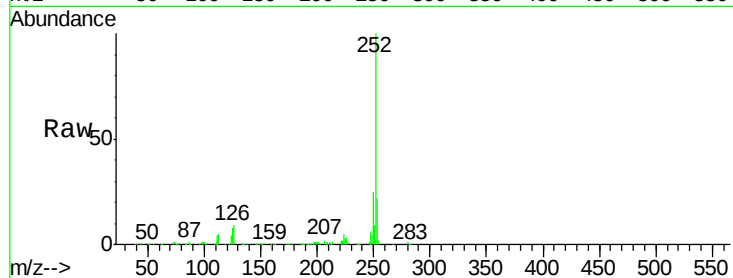
Tgt Ion:252 Resp: 375483

Ion Ratio Lower Upper

252 100

253 21.9 18.7 28.1

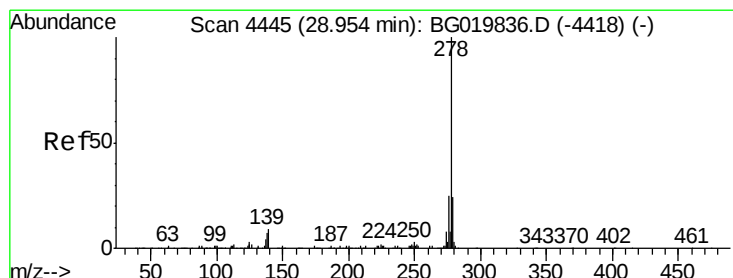
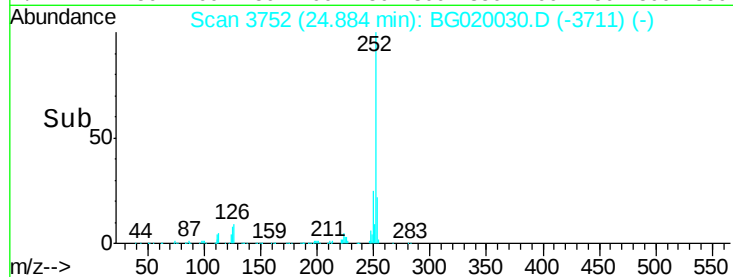
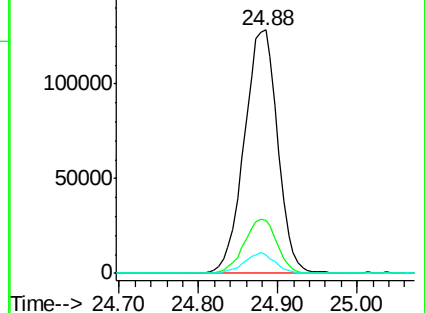
125 7.6 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.73 ng

RT: 28.84 min Scan# 4426

Delta R.T. -0.11 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

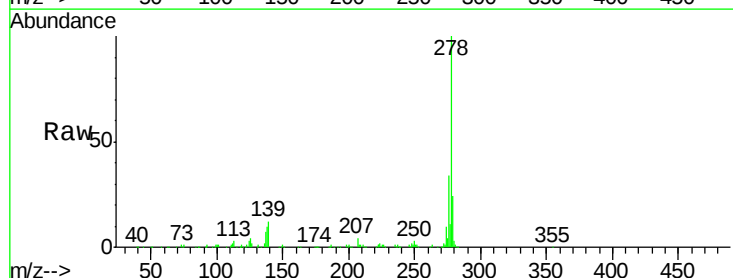
Tgt Ion:278 Resp: 362532

Ion Ratio Lower Upper

278 100

139 11.7 13.8 20.6#

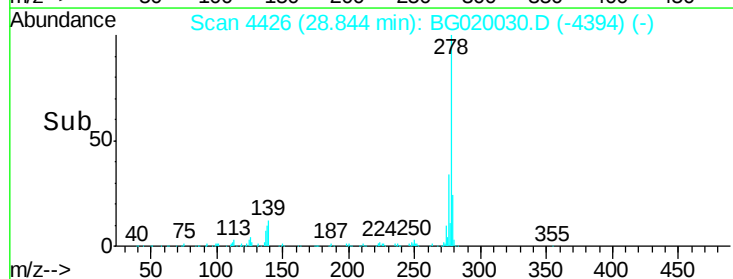
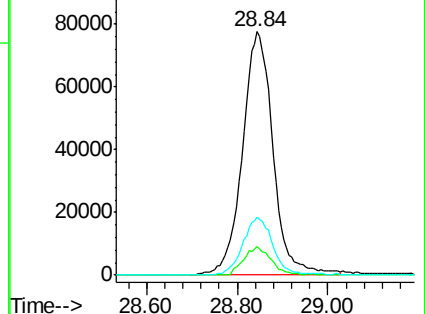
279 23.7 19.4 29.0

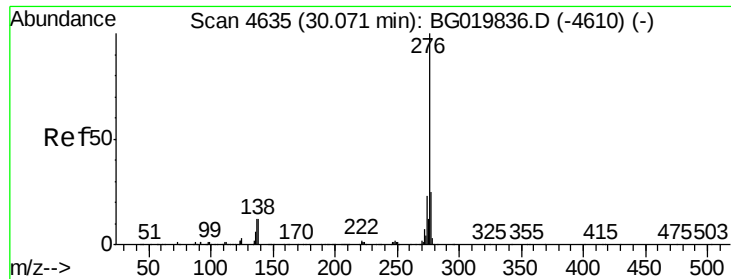


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.20 ng

RT: 29.95 min Scan# 4615

Delta R.T. -0.12 min

Lab File: BG020030.D

Acq: 9 Dec 2015 6:11

Instrument :

BNA_G

ClientSampleId :

PB87151BS

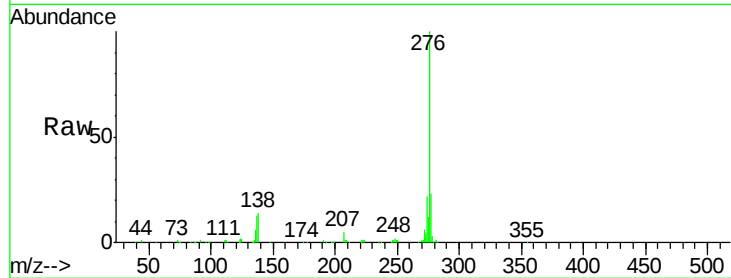
Tgt Ion: 276 Resp: 360377

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 14.2 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

