

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021130.D
 Acq On : 28 Feb 2016 00:55
 Operator : UM/SJ
 Sample : PB88567BSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

Quant Time: Feb 29 00:23:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	7102	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	34287	20.00	ng	-0.01
38) Acenaphthene-d10	14.77	164	21653	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	55297	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	61586	20.00	ng	-0.02
86) Perylene-d12	25.05	264	55456	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	44037	108.56	ng	0.00
7) Phenol-d6	7.31	99	70545	116.86	ng	-0.01
23) Nitrobenzene-d5	9.33	82	71762	99.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	23833	83.95	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	140673	83.13	ng	0.00
78) Terphenyl-d14	20.10	244	259103	98.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	6529	34.76	ng	86
3) Pyridine	4.01	79	21333	38.83	ng	95
4) n-Nitrosodimethylamine	3.92	42	11492	41.26	ng	99
6) Aniline	7.49	93	31418	42.08	ng	# 88
8) 2-Chlorophenol	7.73	128	24627	48.68	ng	88
9) Benzaldehyde	7.30	77	3715	11.36	ng	85
10) Phenol	7.34	94	34899	56.44	ng	80
11) bis(2-Chloroethyl)ether	7.58	93	23477	49.53	ng	95
12) 1,3-Dichlorobenzene	8.06	146	22592	41.95	ng	# 92
13) 1,4-Dichlorobenzene	8.20	146	22827	39.68	ng	95
14) 1,2-Dichlorobenzene	8.52	146	22249	40.85	ng	94
15) Benzyl Alcohol	8.40	79	29530	56.00	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.70	45	34355	63.21	ng	95
17) 2-Methylphenol	8.59	107	23529	53.90	ng	# 90
18) Hexachloroethane	9.26	117	9365	43.04	ng	87
19) n-Nitroso-di-n-propylamine	8.97	70	24156	51.88	ng	94
20) 3+4-Methylphenols	8.92	107	33183	54.83	ng	93
22) Acetophenone	8.99	105	39607	41.85	ng	# 95
24) Nitrobenzene	9.37	77	36280	48.80	ng	# 86
25) Isophorone	9.90	82	66357	49.20	ng	95
26) 2-Nitrophenol	10.08	139	13356	42.49	ng	# 68
27) 2,4-Dimethylphenol	10.13	122	26560	47.91	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	34376	52.30	ng	98
29) 2,4-Dichlorophenol	10.61	162	24575	45.28	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	22962	37.33	ng	98
31) Naphthalene	11.02	128	75583	42.92	ng	99
32) Benzoic acid	10.26	122	20326	39.92	ng	85
33) 4-Chloroaniline	11.13	127	20720	28.17	ng	95
34) Hexachlorobutadiene	11.31	225	14452	35.11	ng	88
35) Caprolactam	11.94	113	4670	25.47	ng	# 90
36) 4-Chloro-3-methylphenol	12.23	107	34316	51.58	ng	87
37) 2-Methylnaphthalene	12.62	142	55738	45.06	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	28558	35.69	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	38767	73.68	ng	96

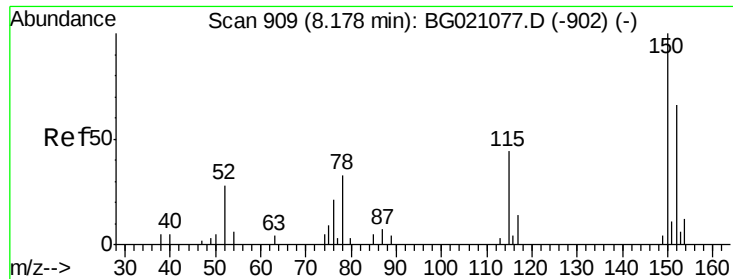
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021130.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	22342	44.52	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	24632	47.78	ng	92
45) 1,1'-Biphenyl	13.61	154	73047	40.06	ng	95
46) 2-Chloronaphthalene	13.66	162	57931	41.87	ng	97
47) 2-Nitroaniline	13.85	65	27797	62.01	ng	# 73
48) Acenaphthylene	14.50	152	96839	44.24	ng	99
49) Dimethylphthalate	14.22	163	84791	45.44	ng	99
50) 2,6-Dinitrotoluene	14.34	165	18731	48.79	ng	# 73
51) Acenaphthene	14.84	154	62382	41.78	ng	97
52) 3-Nitroaniline	14.67	138	14761	39.51	ng	# 70
53) 2,4-Dinitrophenol	14.87	184	26041	97.28	ng	# 86
54) Dibenzofuran	15.17	168	93932	49.66	ng	92
55) 4-Nitrophenol	14.97	139	37156	112.13	ng	# 62
56) 2,4-Dinitrotoluene	15.13	165	27608	50.14	ng	# 80
57) Fluorene	15.81	166	83434	45.34	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	22773	50.82	ng	# 97
59) Diethylphthalate	15.58	149	94611	48.10	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	41062	40.57	ng	97
61) 4-Nitroaniline	15.83	138	22941	53.93	ng	# 54
62) Azobenzene	16.10	77	106222	62.34	ng	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	17464	43.06	ng	93
65) n-Nitrosodiphenylamine	16.02	169	76355	46.80	ng	93
66) 4-Bromophenyl-phenylether	16.69	248	25616	39.35	ng	# 87
67) Hexachlorobenzene	16.81	284	25816	37.59	ng	# 85
68) Atrazine	16.96	200	29577	48.93	ng	98
69) Pentachlorophenol	17.15	266	37110	80.04	ng	92
70) Phenanthrene	17.55	178	137944	46.36	ng	99
71) Anthracene	17.64	178	139658	46.61	ng	97
72) Carbazole	17.90	167	132411	51.18	ng	98
73) Di-n-butylphthalate	18.46	149	173618	50.91	ng	# 97
74) Fluoranthene	19.54	202	170359	45.64	ng	98
76) Benzidine	19.72	184	76474	47.20	ng	98
77) Pyrene	19.90	202	175579	51.49	ng	99
79) Butylbenzylphthalate	20.78	149	78809	55.38	ng	# 85
80) Benzo(a)anthracene	21.75	228	171195	48.31	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	31630	22.81	ng	97
82) Chrysene	21.82	228	150167	44.00	ng	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	115896	52.73	ng	# 99
84) Di-n-octyl phthalate	22.88	149	196773	53.42	ng	98
85) Indeno(1,2,3-cd)pyrene	28.80	276	176149	42.81	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	166015	47.89	ng	98
88) Benzo(k)fluoranthene	24.08	252	158735	46.45	ng	98
89) Benzo(a)pyrene	24.90	252	157754	47.41	ng	95
90) Dibenzo(a,h)anthracene	28.86	278	148444	44.25	ng	97
91) Benzo(g,h,i)perylene	29.98	276	141764	43.88	ng	97

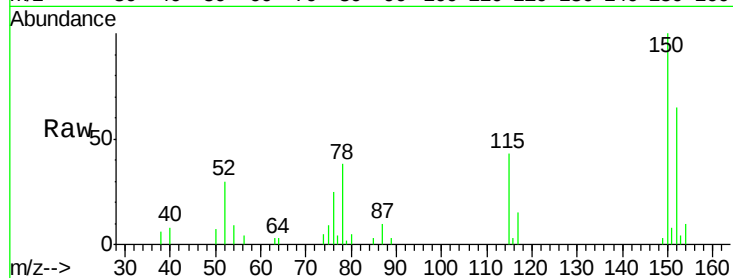
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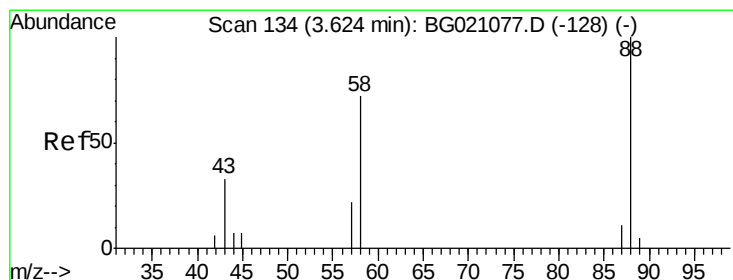
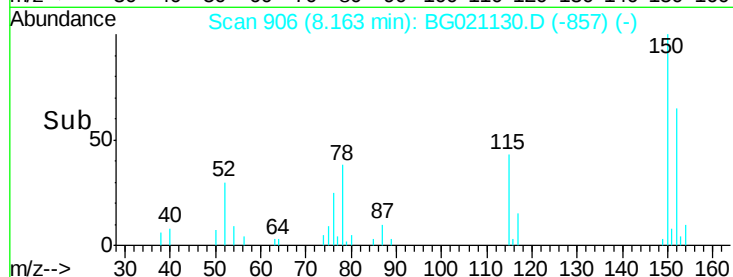
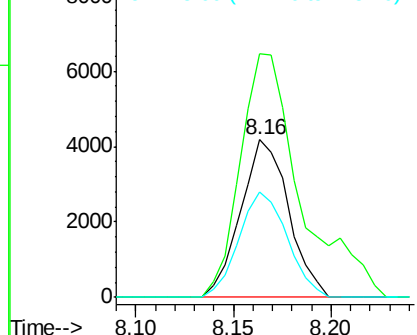
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

Tgt Ion:152 Resp: 7102
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.4 185.2
 115 66.8 43.3 64.9#

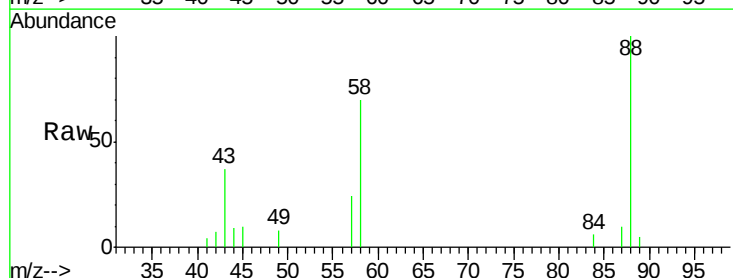


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

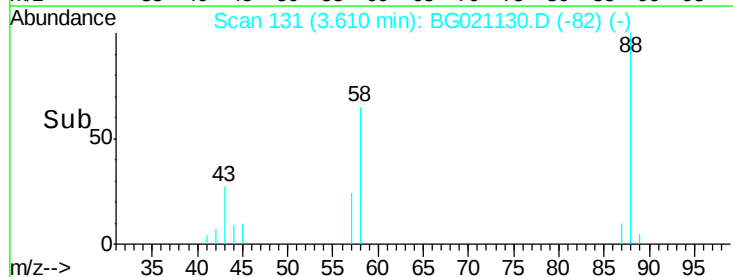
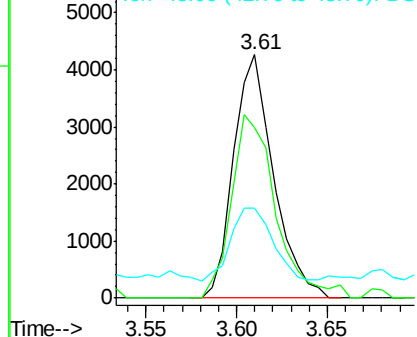


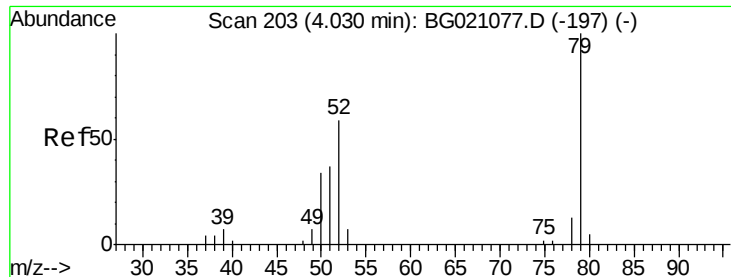
#2
 1,4-Dioxane
 Concen: 34.76 ng
 RT: 3.61 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion: 88 Resp: 6529
 Ion Ratio Lower Upper
 88 100
 58 83.8 55.9 83.9
 43 31.2 22.5 33.7



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: 38.83 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

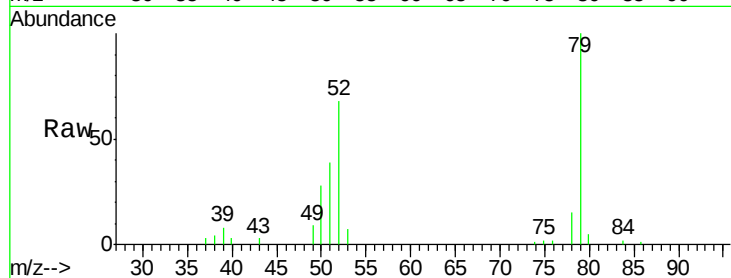
Tgt Ion: 79 Resp: 21333

Ion Ratio Lower Upper

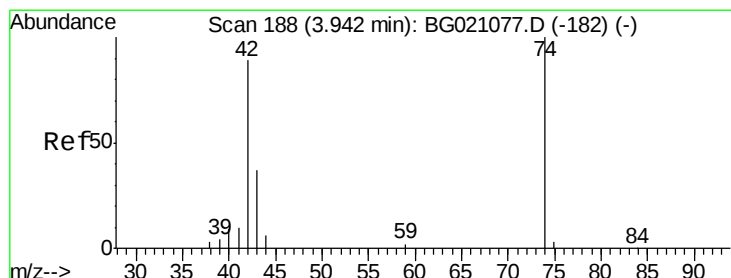
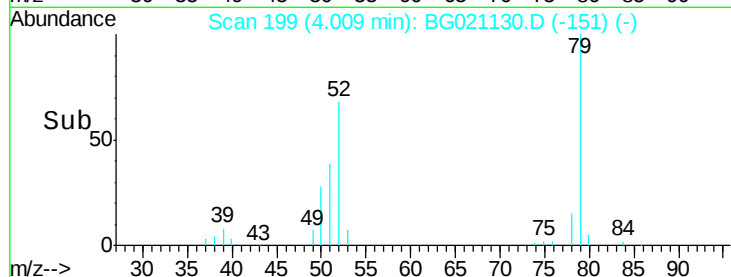
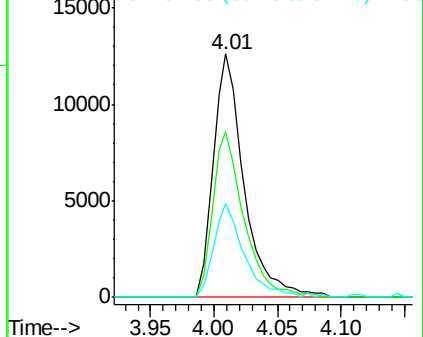
79 100

52 67.8 53.2 79.8

51 38.6 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 41.26 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.02 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

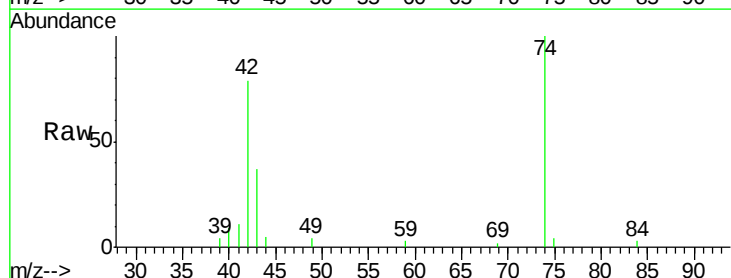
Tgt Ion: 42 Resp: 11492

Ion Ratio Lower Upper

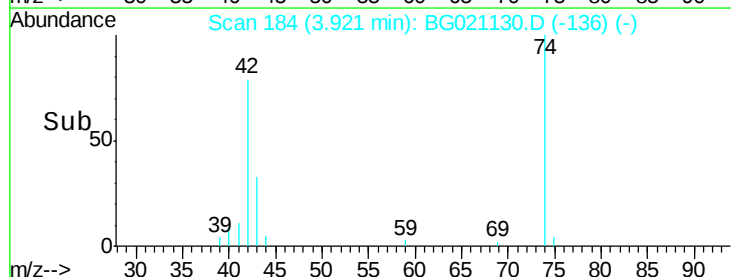
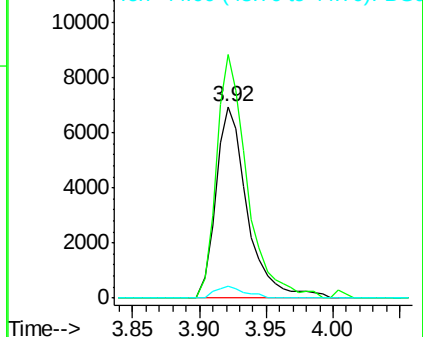
42 100

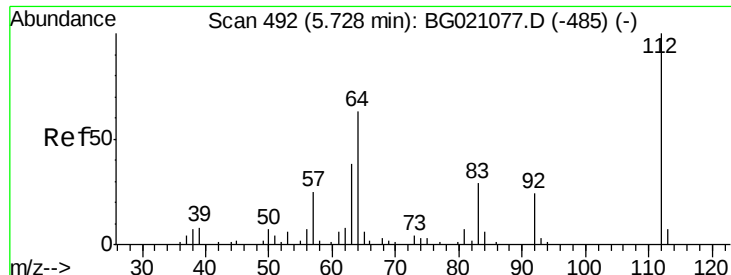
74 127.0 102.3 153.5

44 6.5 4.8 7.2



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





#5

2-Fluorophenol

Concen: 108.56 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

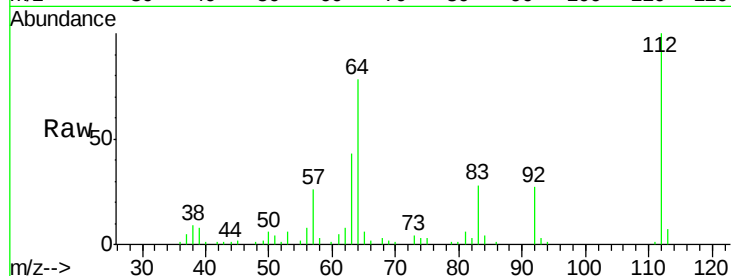
Tgt Ion: 112 Resp: 44037

Ion Ratio Lower Upper

112 100

64 77.5 42.6 63.8#

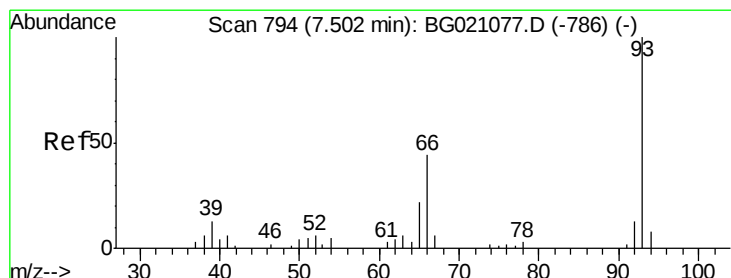
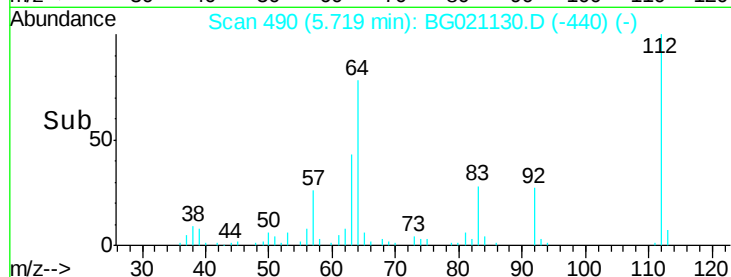
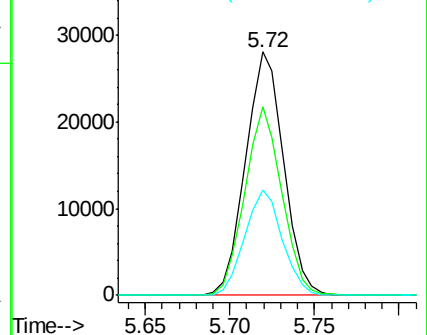
63 43.2 21.7 32.5#



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: 42.08 ng

RT: 7.49 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

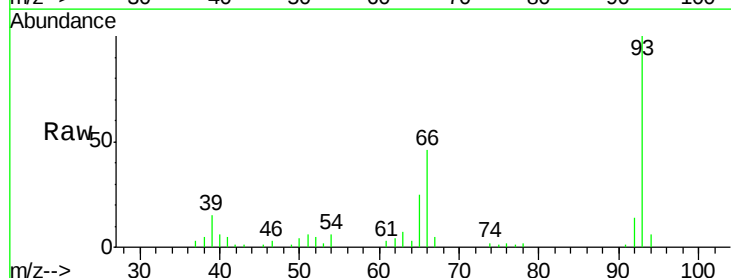
Tgt Ion: 93 Resp: 31418

Ion Ratio Lower Upper

93 100

66 46.0 30.1 45.1#

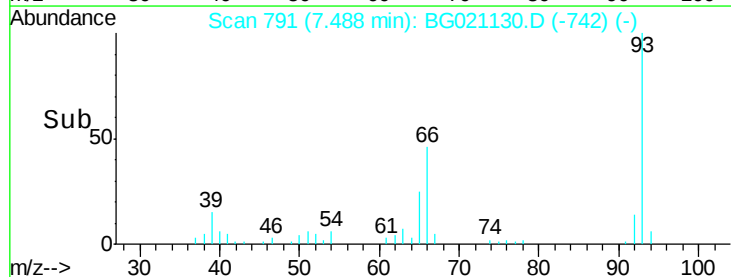
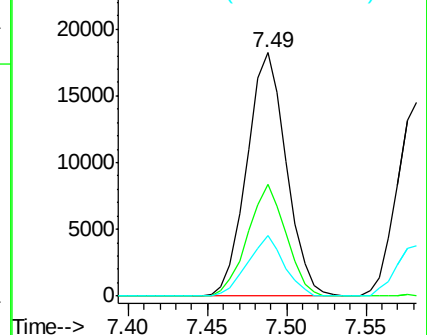
65 24.8 16.6 24.8

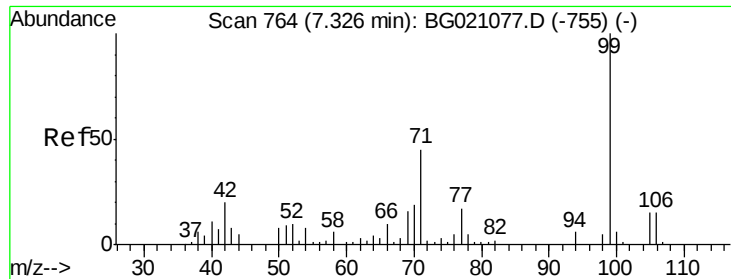


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.86 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG021130.D

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ClientSampleId :

PB88567BSD

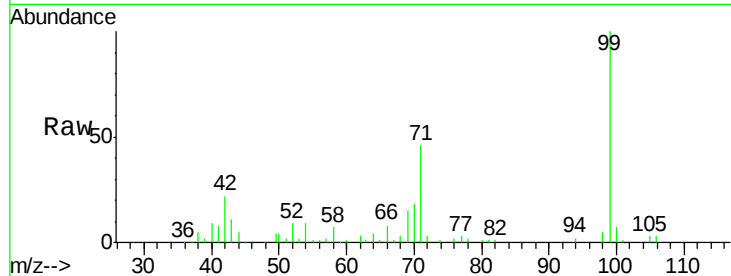
Tgt Ion: 99 Resp: 70545

Ion Ratio Lower Upper

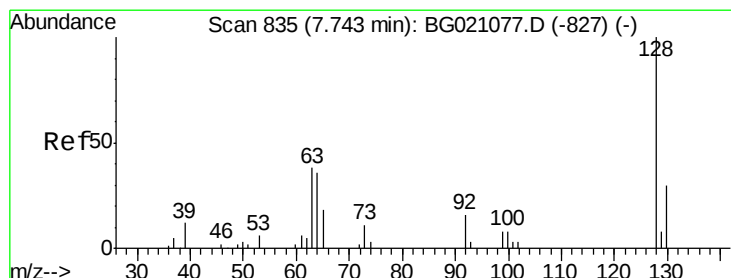
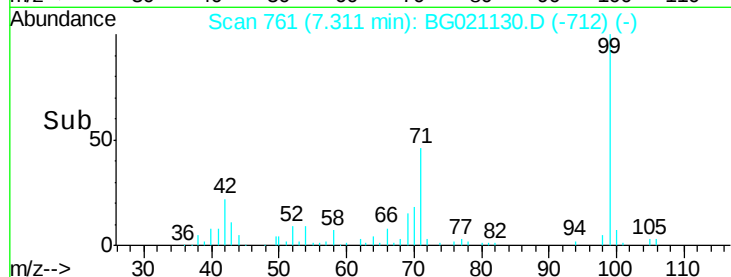
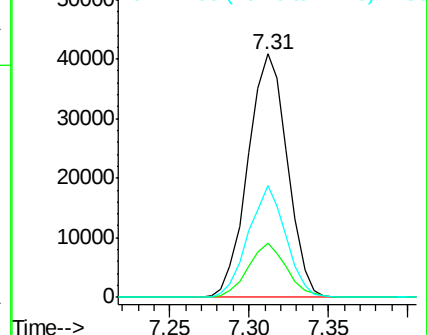
99 100

42 22.3 13.2 19.8#

71 45.7 25.2 37.8#



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: 48.68 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

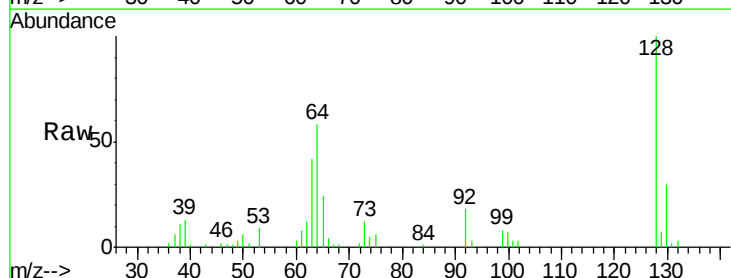
Tgt Ion: 128 Resp: 24627

Ion Ratio Lower Upper

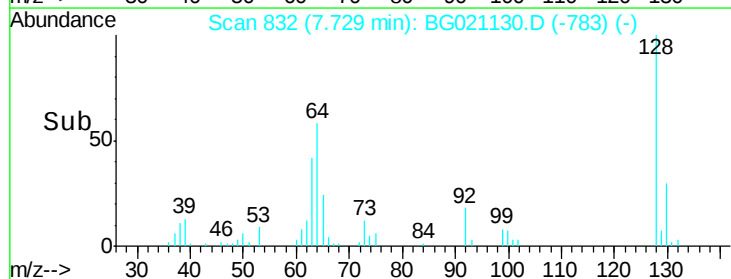
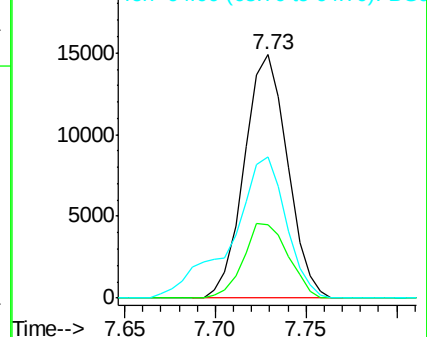
128 100

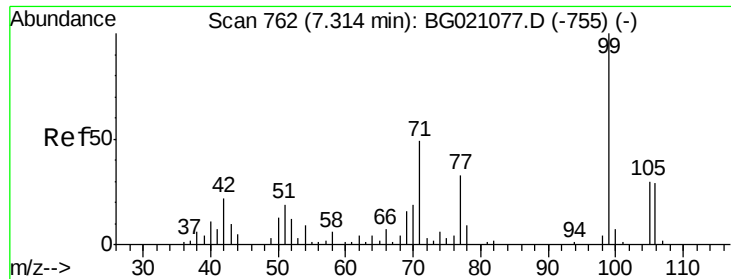
130 30.1 11.9 51.9

64 57.9 25.8 65.8



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





#9

Benzaldehyde

Concen: 11.36 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

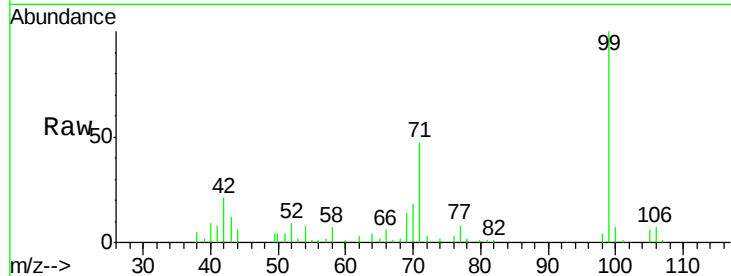
Tgt Ion: 77 Resp: 3715

Ion Ratio Lower Upper

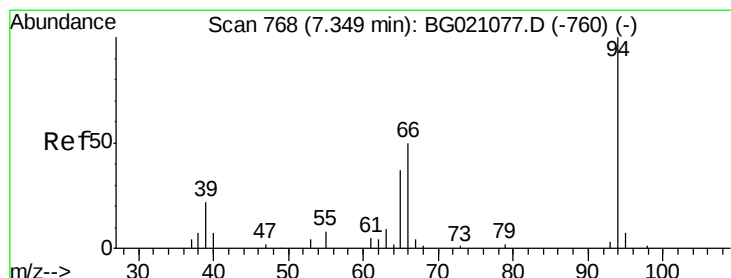
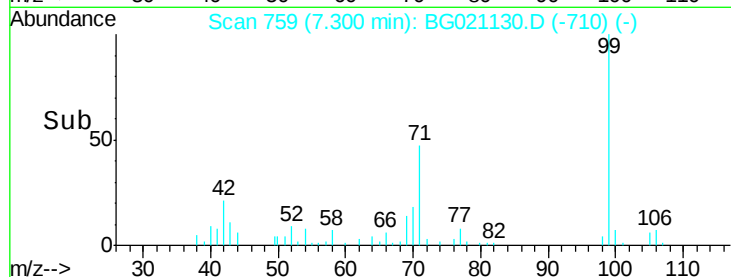
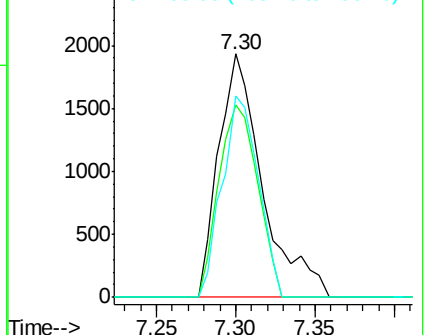
77 100

105 78.8 77.4 117.4

106 82.8 72.8 112.8



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: 56.44 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

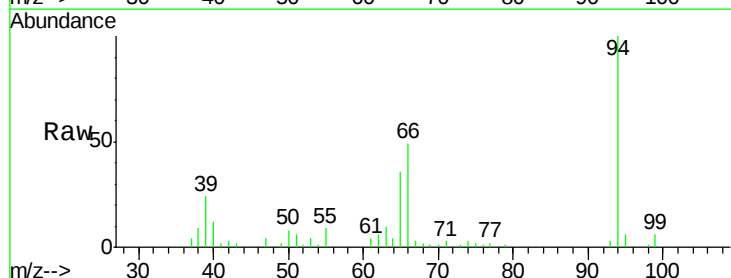
Tgt Ion: 94 Resp: 34899

Ion Ratio Lower Upper

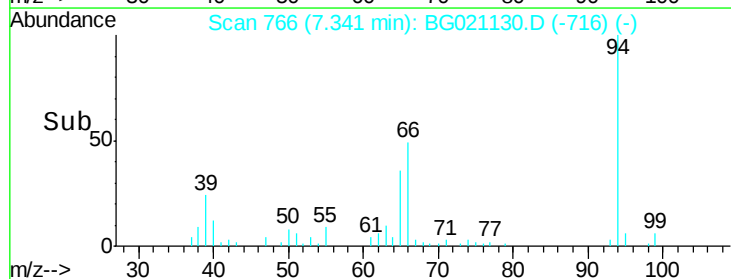
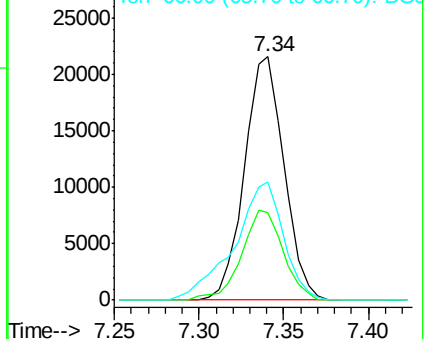
94 100

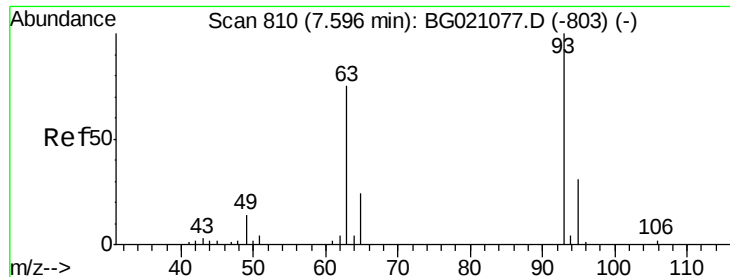
65 35.7 7.2 47.2

66 48.7 15.4 55.4



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: 49.53 ng

RT: 7.58 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

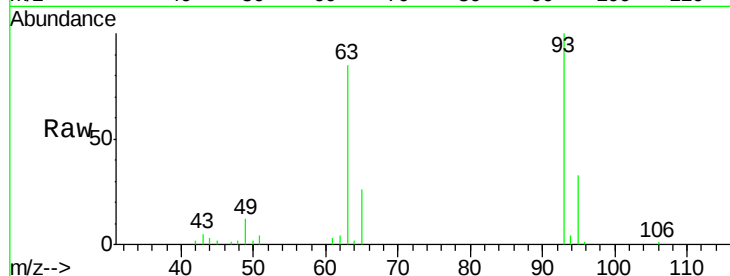
Tgt Ion: 93 Resp: 23477

Ion Ratio Lower Upper

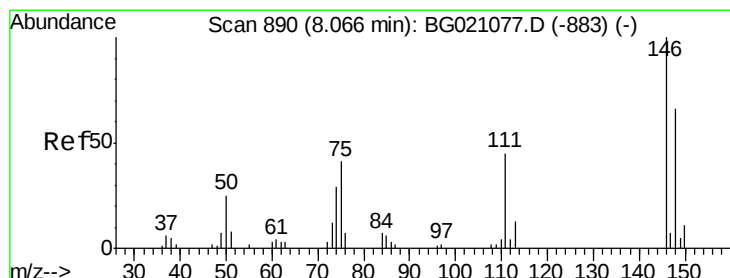
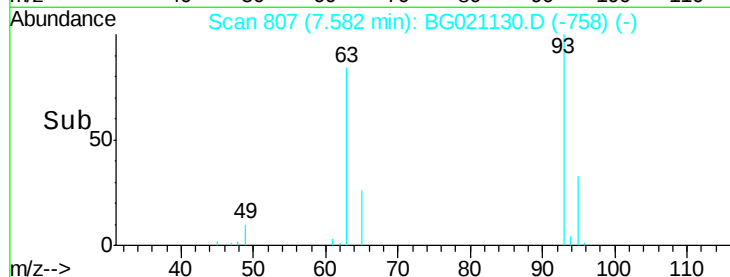
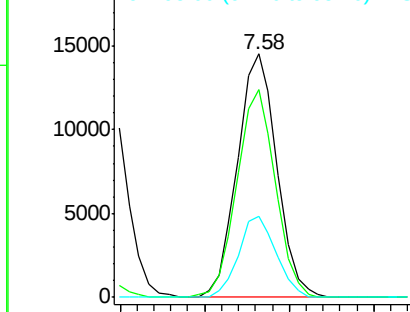
93 100

63 85.5 60.5 100.5

95 33.3 14.6 54.6



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



#12

1,3-Dichlorobenzene

Concen: 41.95 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

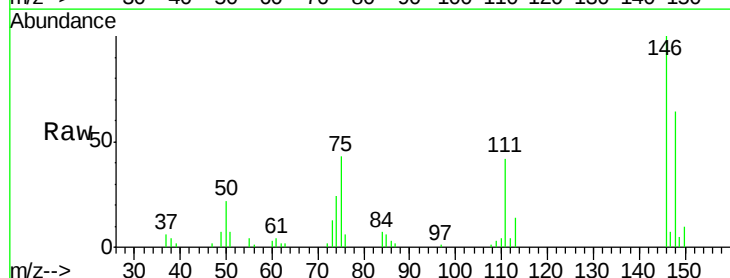
Tgt Ion: 146 Resp: 22592

Ion Ratio Lower Upper

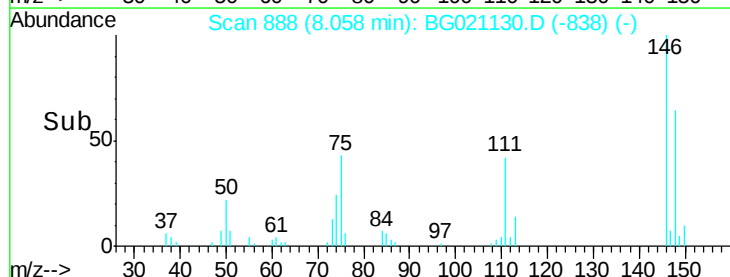
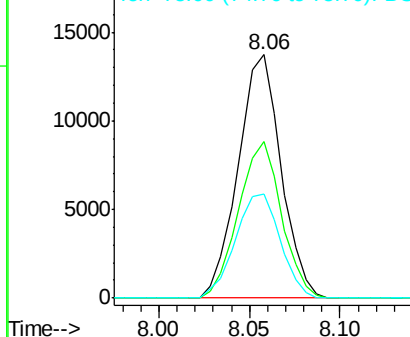
146 100

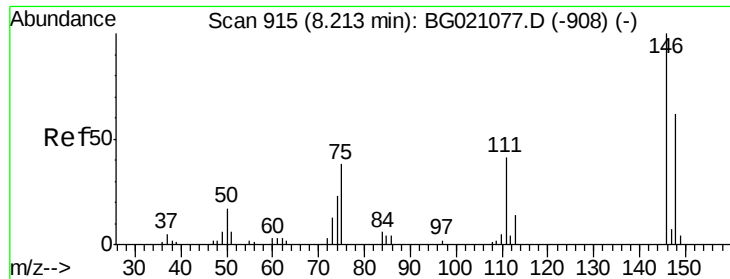
148 64.5 52.6 78.8

75 42.8 24.0 36.0#



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

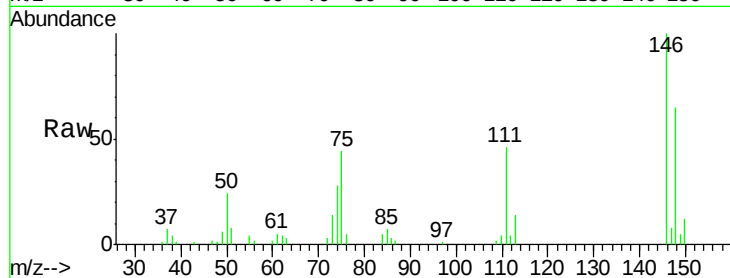




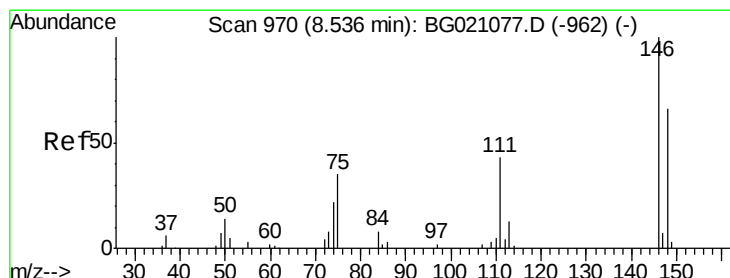
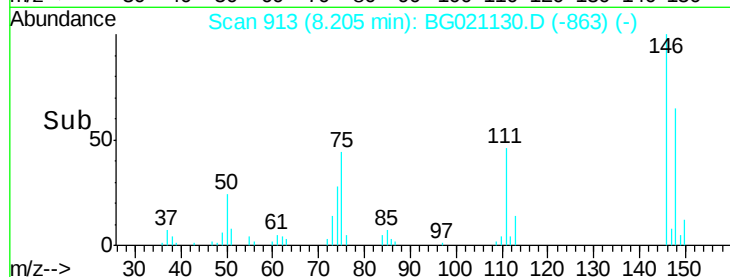
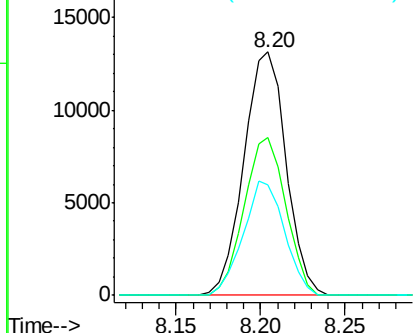
#13
 1,4-Dichlorobenzene
 Concen: 39.68 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

Tgt Ion:146 Resp: 22827
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.2 75.4
 111 45.5 31.9 47.9

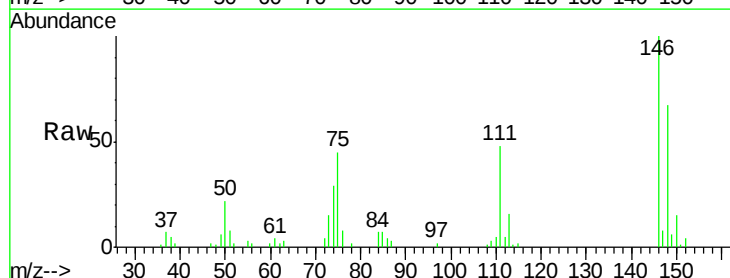


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

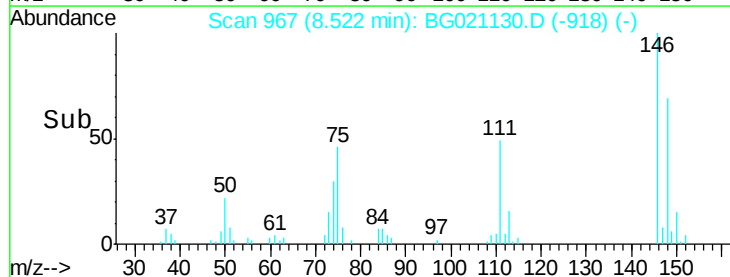
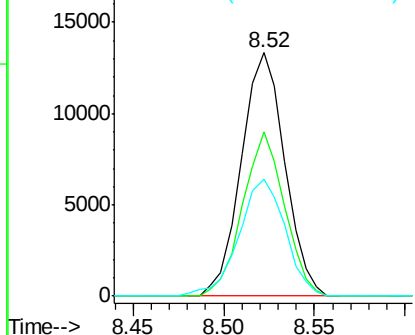


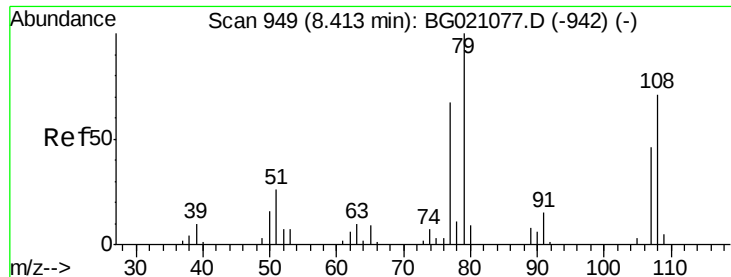
#14
 1,2-Dichlorobenzene
 Concen: 40.85 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:146 Resp: 22249
 Ion Ratio Lower Upper
 146 100
 148 67.4 50.5 75.7
 111 47.9 35.4 53.2



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





#15

Benzyl Alcohol

Concen: 56.00 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

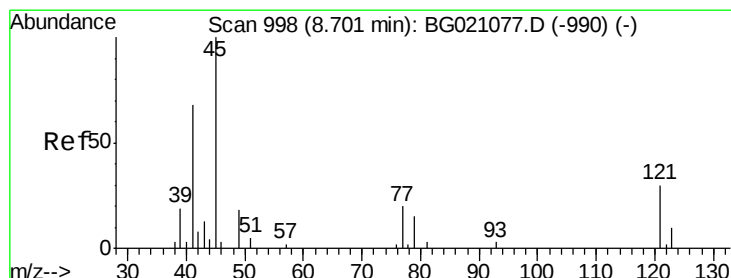
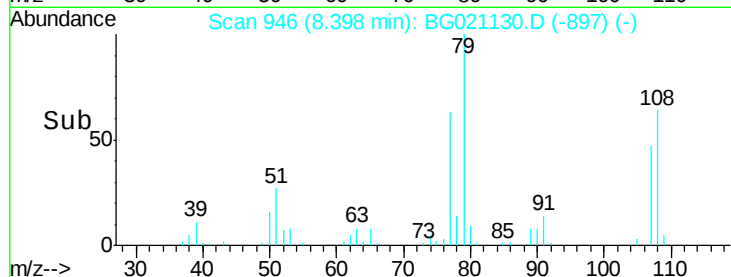
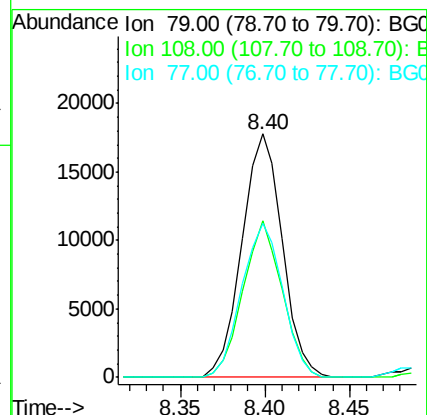
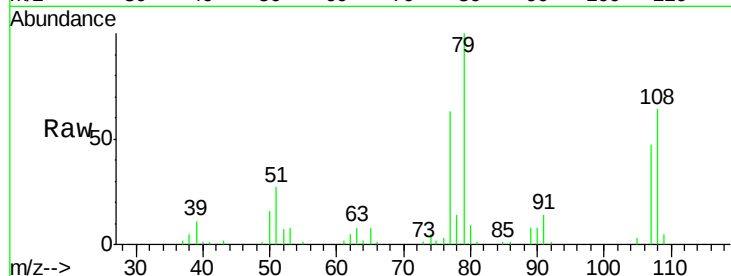
Tgt Ion: 79 Resp: 29530

Ion Ratio Lower Upper

79 100

108 64.1 65.1 97.7#

77 63.3 53.8 80.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.21 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

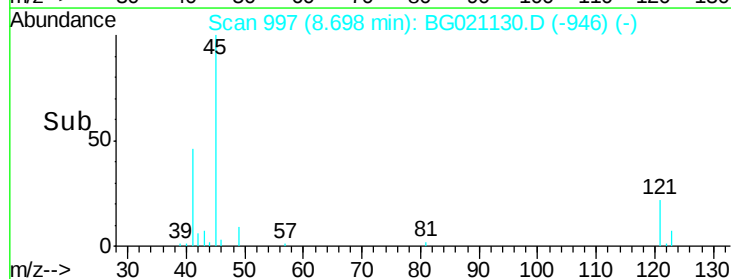
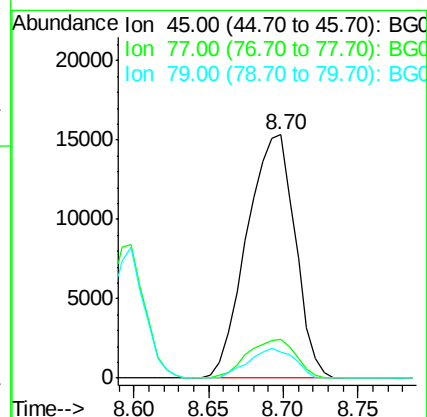
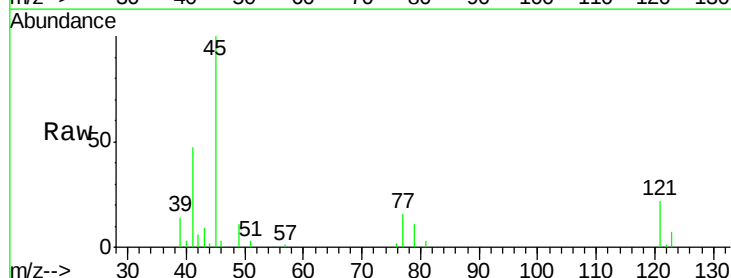
Tgt Ion: 45 Resp: 34355

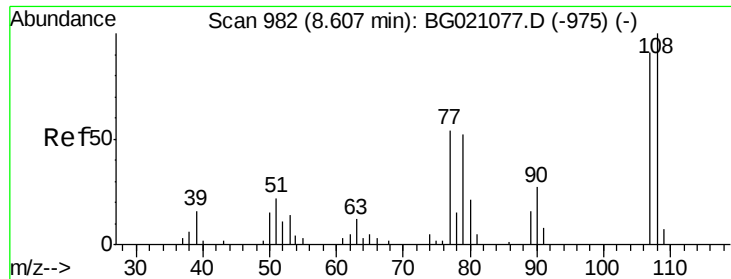
Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.3

79 10.8 0.0 29.6

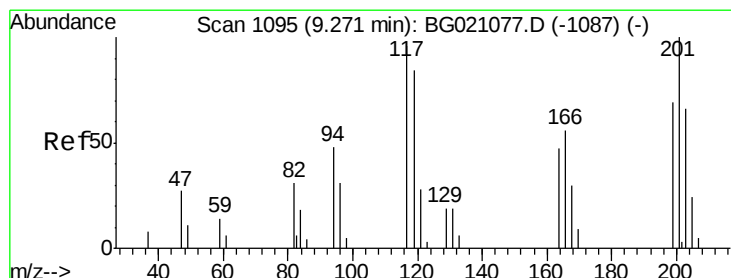
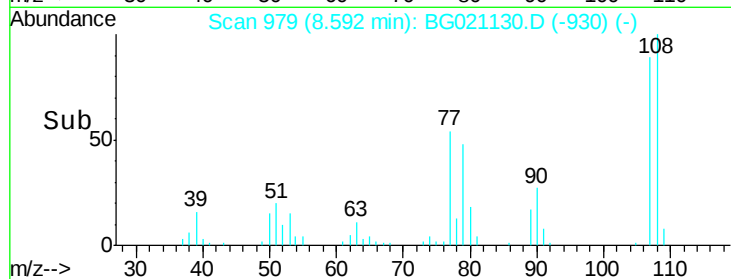
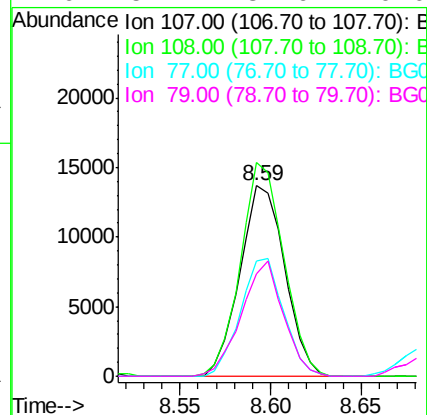
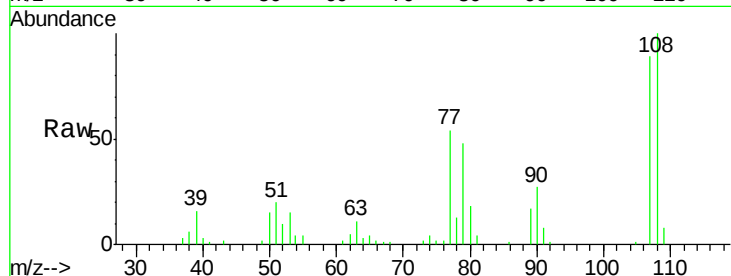




#17
 2-Methylphenol
 Concen: 53.90 ng
 RT: 8.59 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

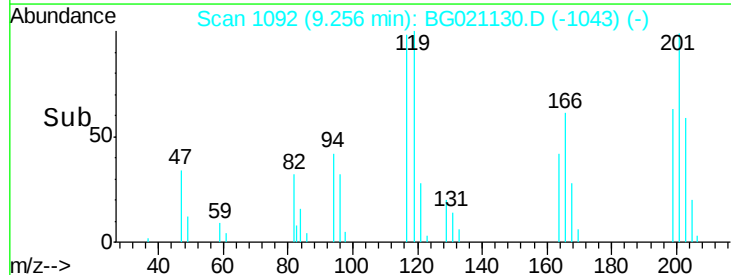
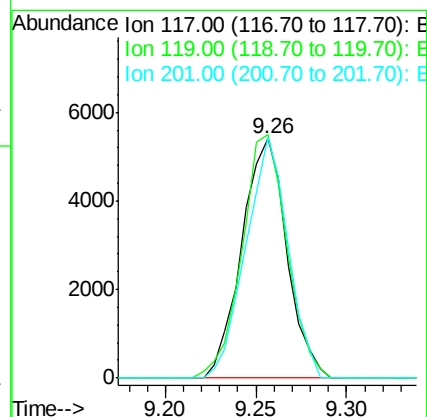
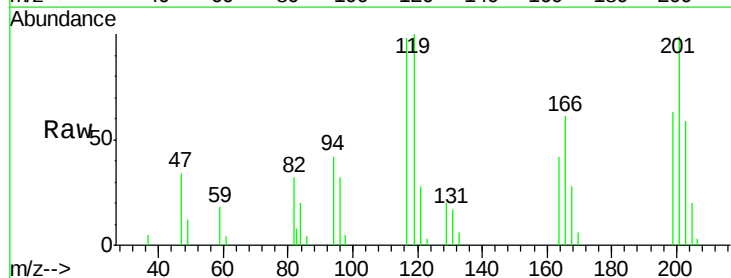
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

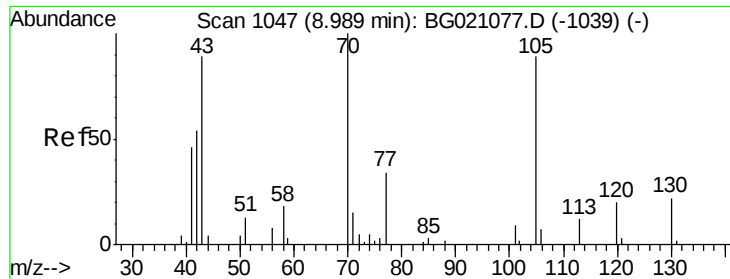
Tgt Ion:107 Resp: 23529
 Ion Ratio Lower Upper
 107 100
 108 112.3 88.8 133.2
 77 60.5 38.0 57.0#
 79 54.2 32.6 49.0#



#18
 Hexachloroethane
 Concen: 43.04 ng
 RT: 9.26 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:117 Resp: 9365
 Ion Ratio Lower Upper
 117 100
 119 101.8 74.5 111.7
 201 100.8 68.2 102.4

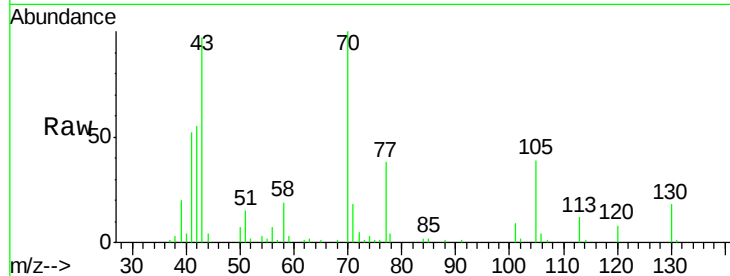




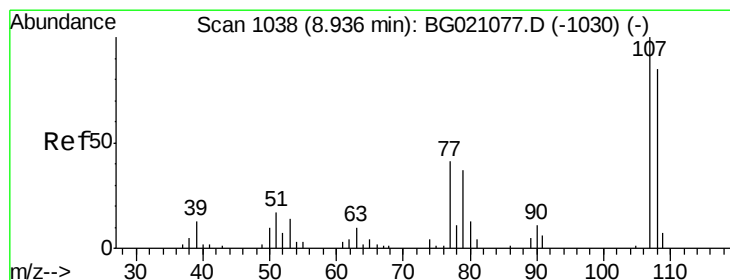
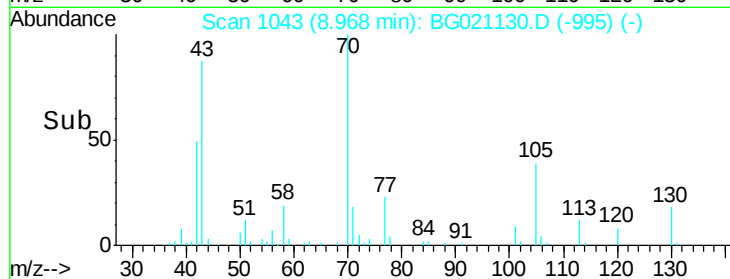
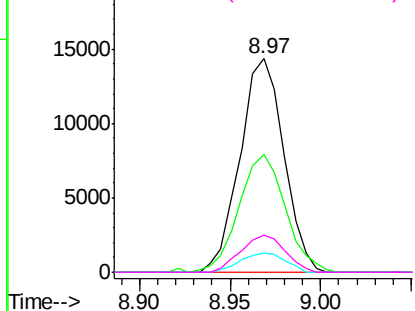
#19
n-Nitroso-di-n-propylamine
Concen: 51.88 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Instrument :
BNA_G
ClientSampleId :
PB88567BSD

Tgt Ion:	70	Resp:	24156
Ion	Ratio	Lower	Upper
70	100		
42	55.1	48.8	73.2
101	9.3	8.5	12.7
130	17.6	15.4	23.2

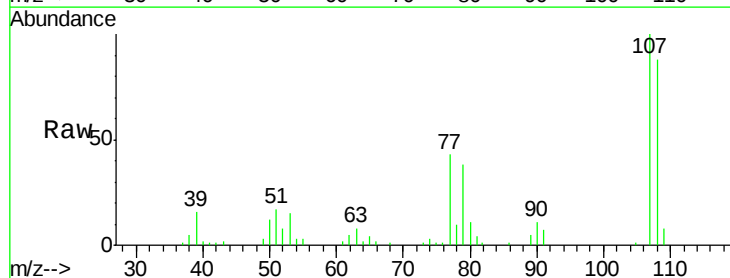


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

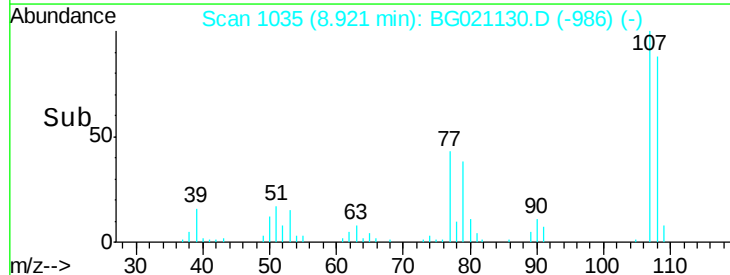
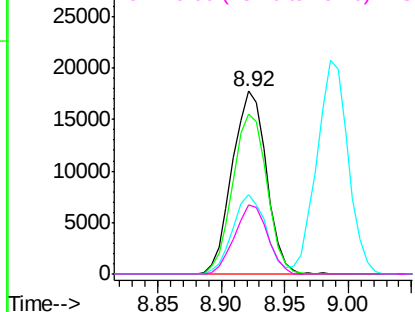


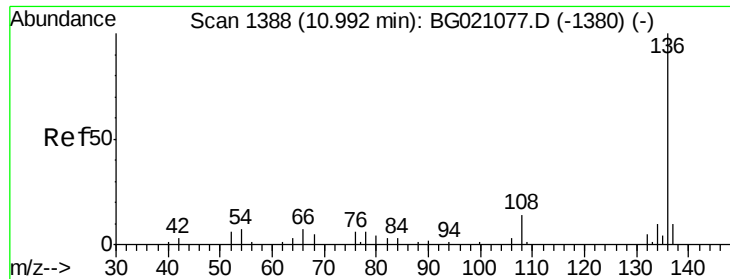
#20
3+4-Methylphenols
Concen: 54.83 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:	107	Resp:	33183
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.6	107.6
77	43.2	14.4	54.4
79	38.1	7.7	47.7



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: 10.98 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

Tgt Ion:136 Resp: 34287

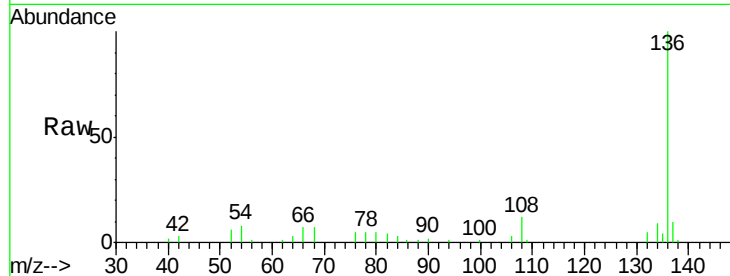
Ion Ratio Lower Upper

136 100

137 9.7 8.8 13.2

54 8.3 6.9 10.3

68 6.9 5.8 8.6

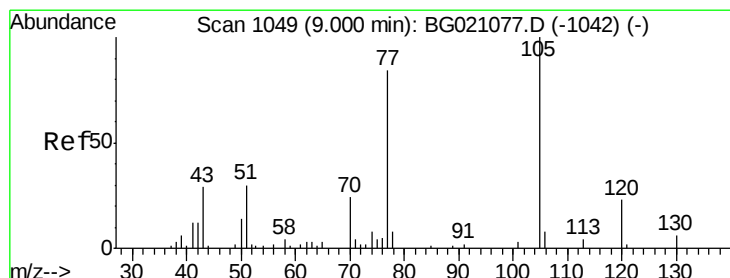
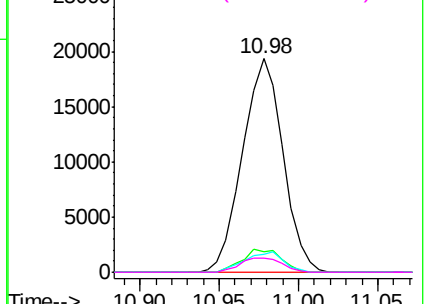
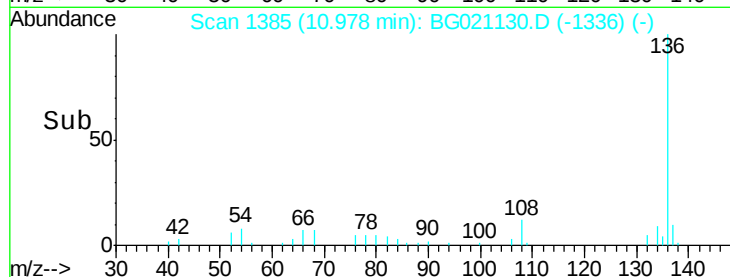


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.85 ng

RT: 8.99 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Tgt Ion:105 Resp: 39607

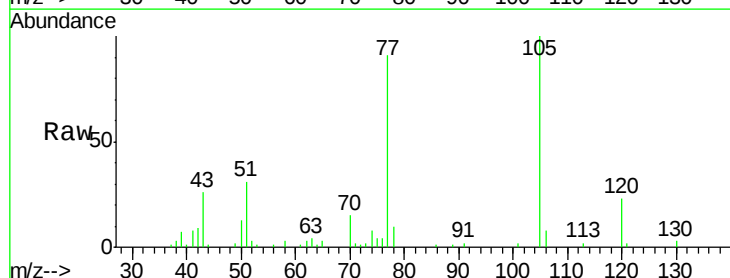
Ion Ratio Lower Upper

105 100

71 2.1 0.0 0.0#

51 31.5 21.4 32.2

120 22.5 18.0 27.0

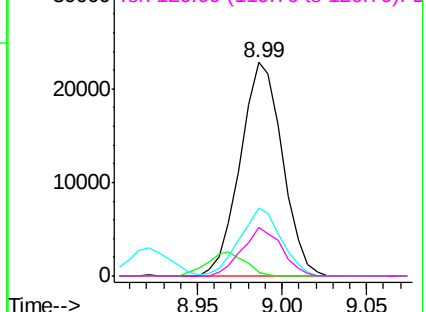
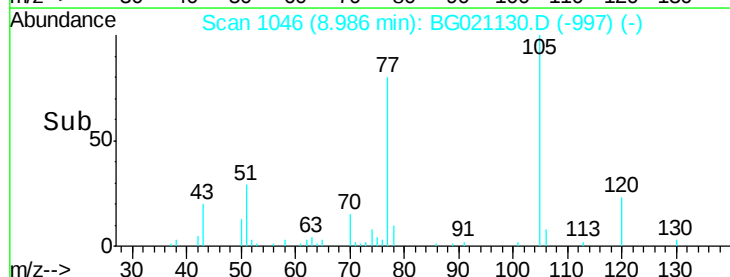


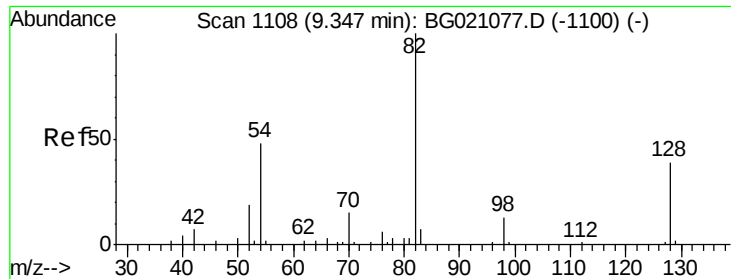
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

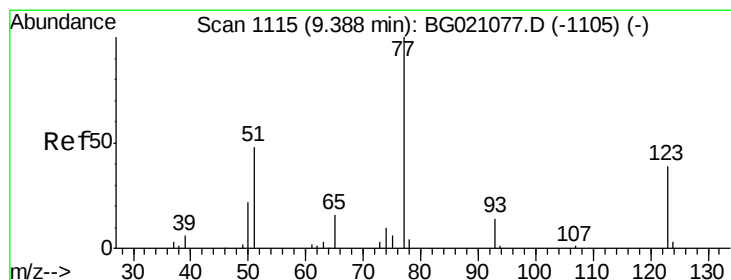
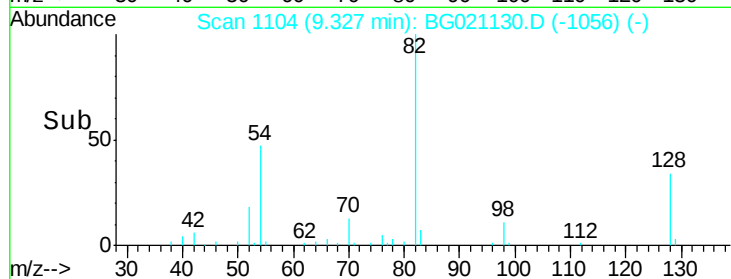
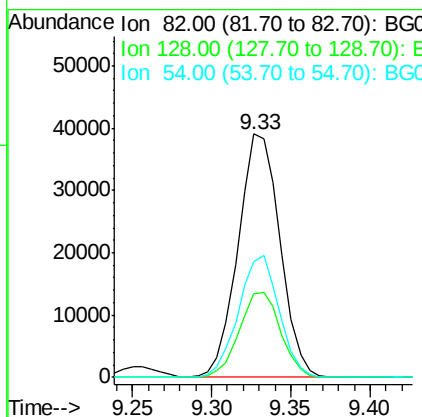
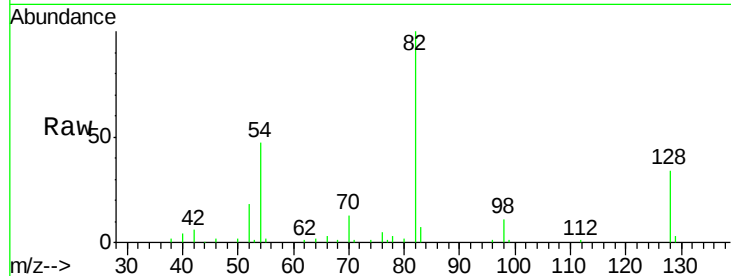




#23
 Nitrobenzene-d5
 Concen: 99.72 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

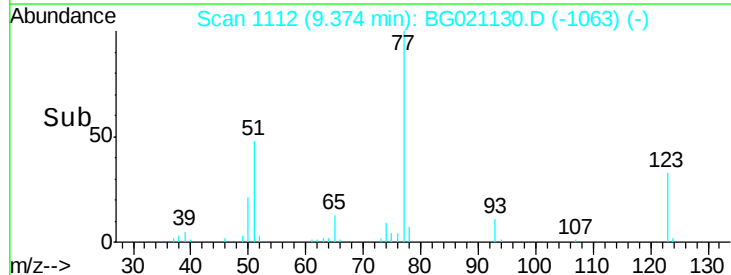
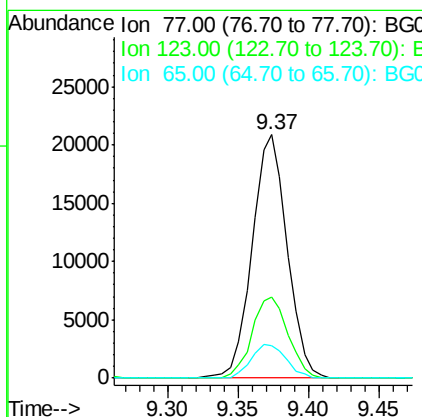
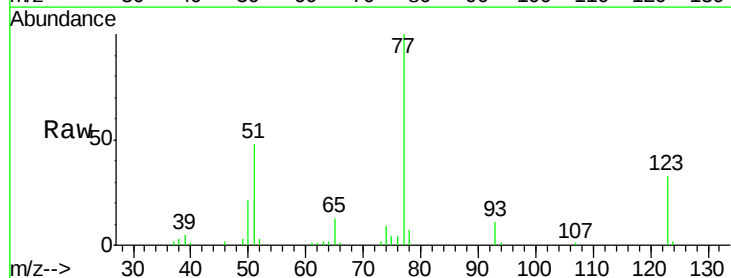
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

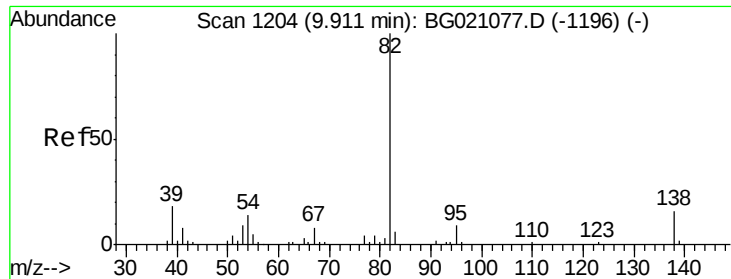
Tgt Ion: 82 Resp: 71762
 Ion Ratio Lower Upper
 82 100
 128 34.3 36.3 54.5#
 54 47.4 37.6 56.4



#24
 Nitrobenzene
 Concen: 48.80 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion: 77 Resp: 36280
 Ion Ratio Lower Upper
 77 100
 123 33.1 35.8 53.6#
 65 13.2 10.6 16.0





#25

Isophorone

Concen: 49.20 ng

RT: 9.90 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

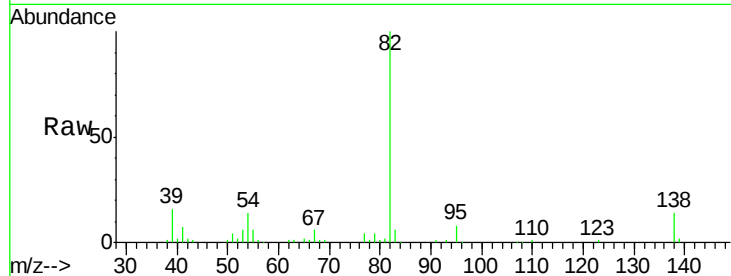
Tgt Ion: 82 Resp: 66357

Ion Ratio Lower Upper

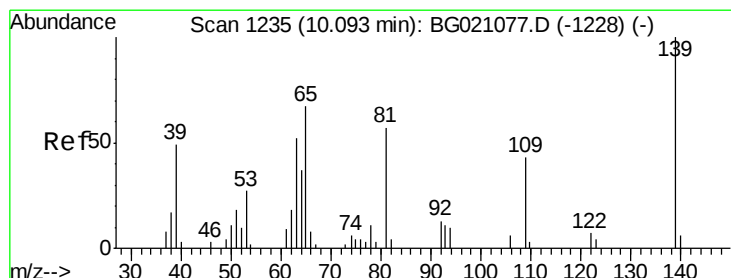
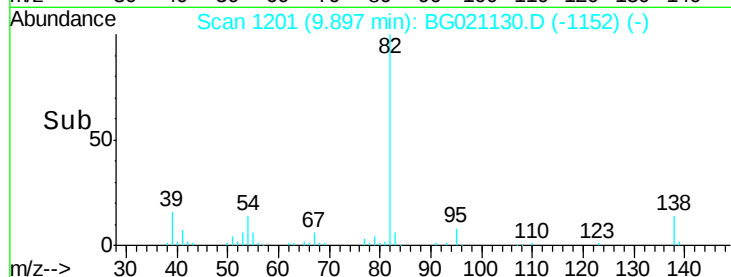
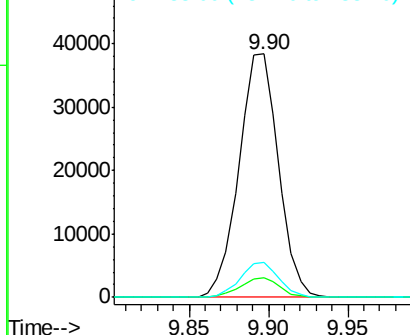
82 100

95 7.9 5.4 8.0

138 14.5 13.4 20.0



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



#26

2-Nitrophenol

Concen: 42.49 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

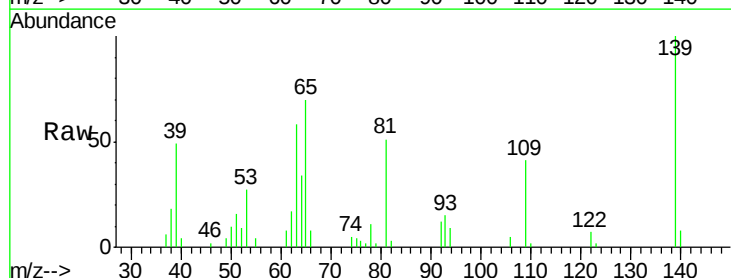
Tgt Ion: 139 Resp: 13356

Ion Ratio Lower Upper

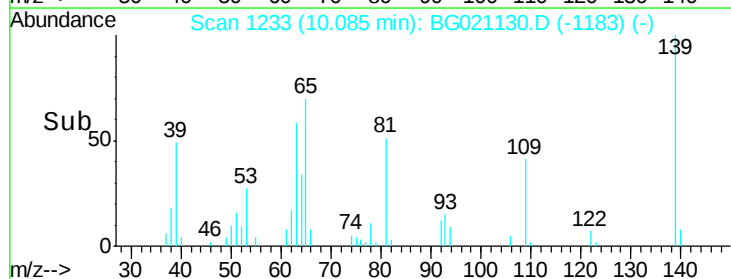
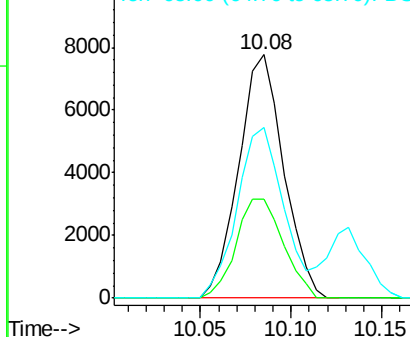
139 100

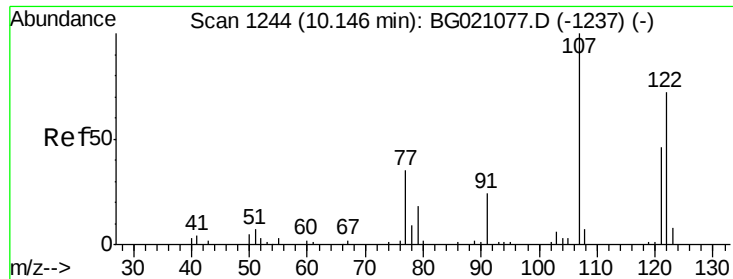
109 40.8 21.4 32.0#

65 70.2 37.8 56.8#



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

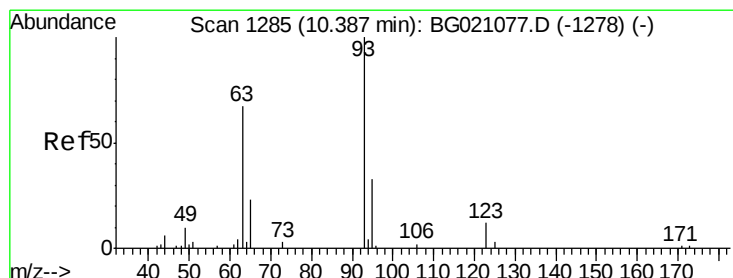
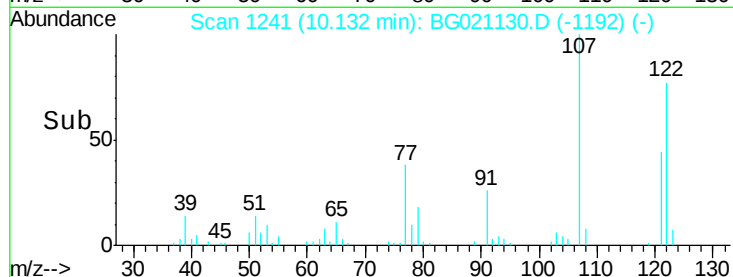
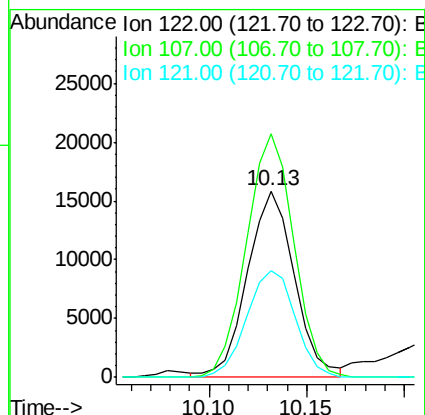
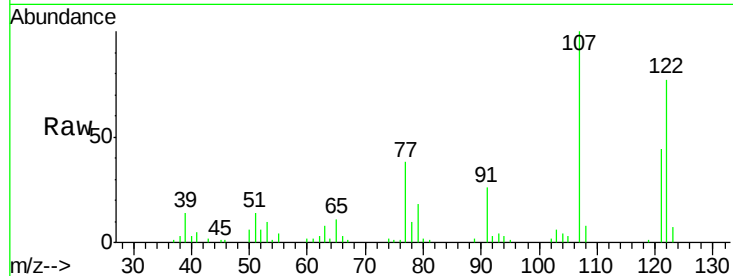




#27
 2,4-Dimethylphenol
 Concen: 47.91 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

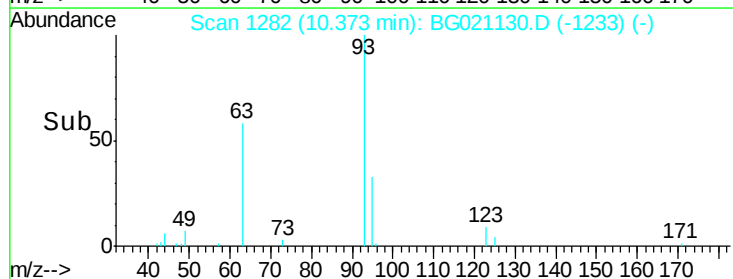
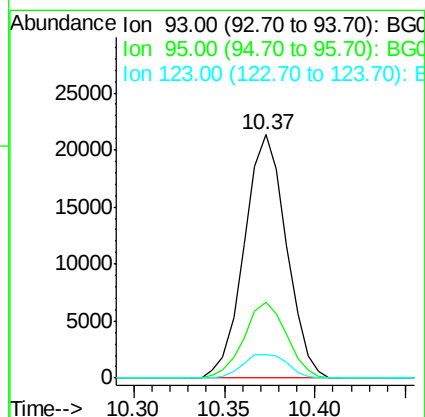
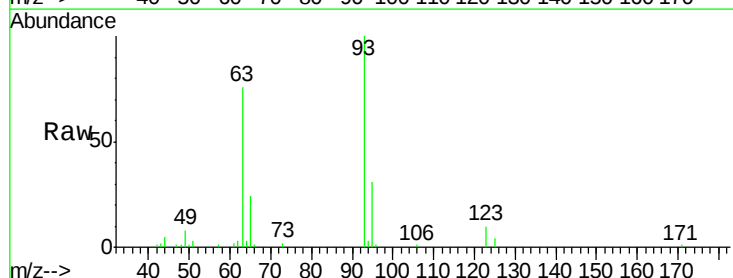
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

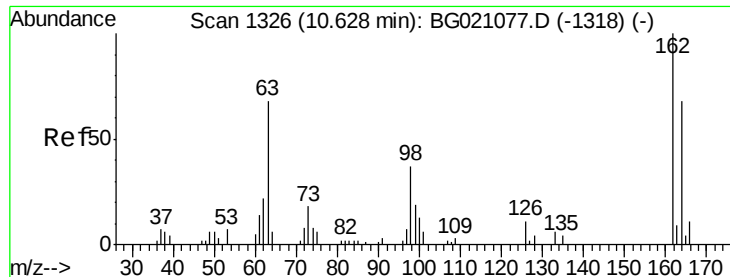
Tgt Ion:122 Resp: 26560
 Ion Ratio Lower Upper
 122 100
 107 130.6 94.1 141.1
 121 57.1 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.30 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion: 93 Resp: 34376
 Ion Ratio Lower Upper
 93 100
 95 31.1 24.2 36.2
 123 9.7 9.0 13.6

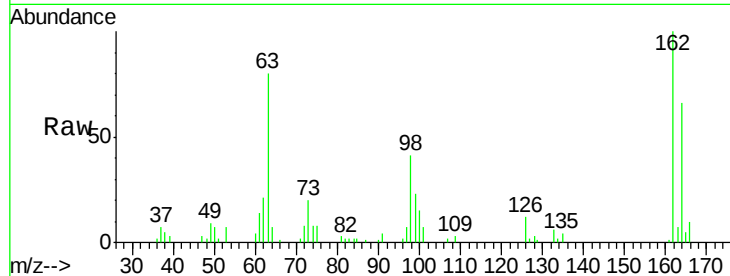




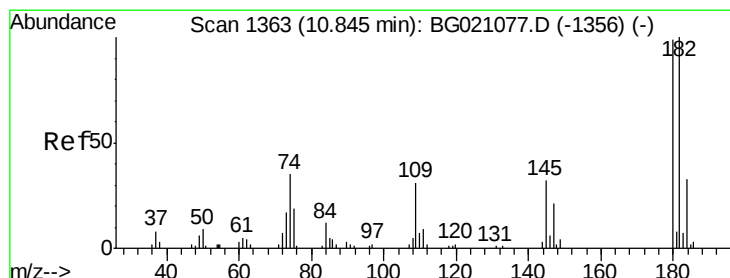
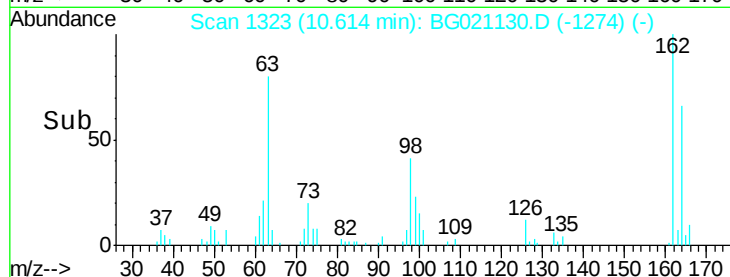
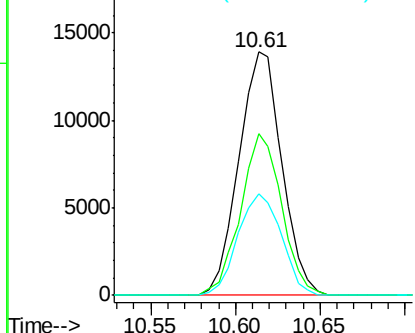
#29
2,4-Dichlorophenol
Concen: 45.28 ng
RT: 10.61 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Instrument :
BNA_G
ClientSampleId :
PB88567BSD

Tgt Ion:162 Resp: 24575
Ion Ratio Lower Upper
162 100
164 66.4 43.7 83.7
98 41.5 18.3 58.3

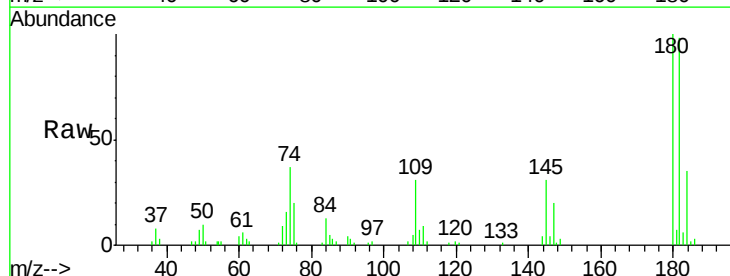


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

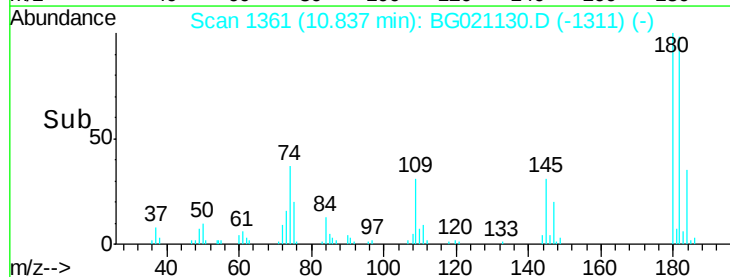
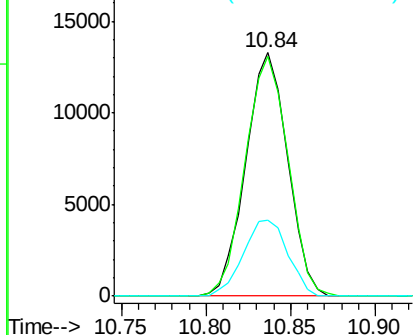


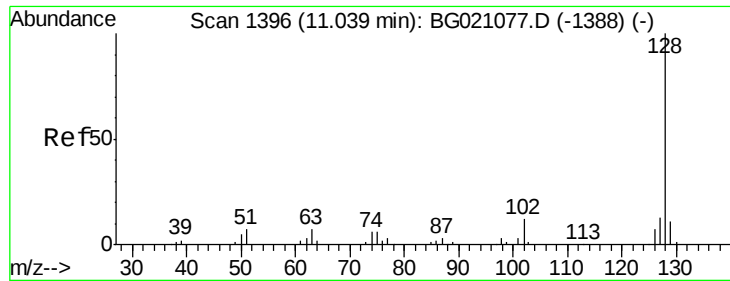
#30
1,2,4-Trichlorobenzene
Concen: 37.33 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:180 Resp: 22962
Ion Ratio Lower Upper
180 100
182 98.4 77.4 116.0
145 30.9 25.7 38.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

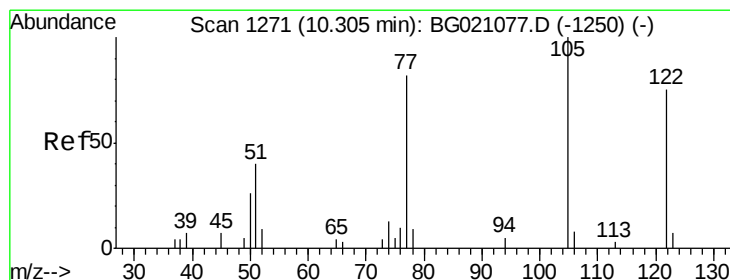
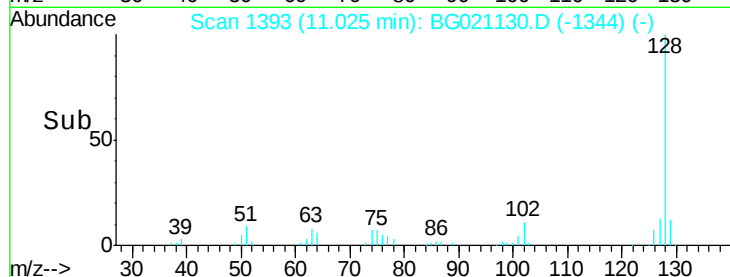
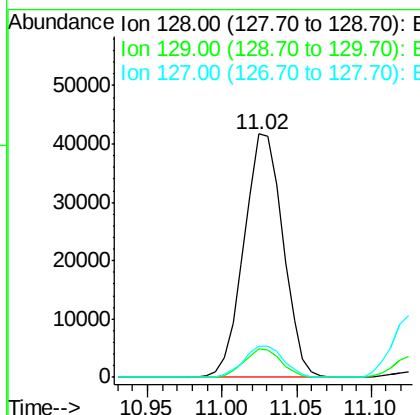
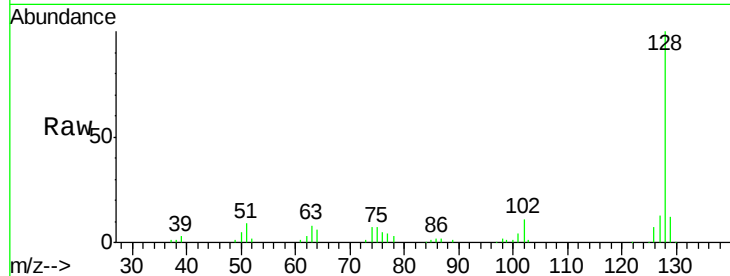




#31
Naphthalene
Concen: 42.92 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

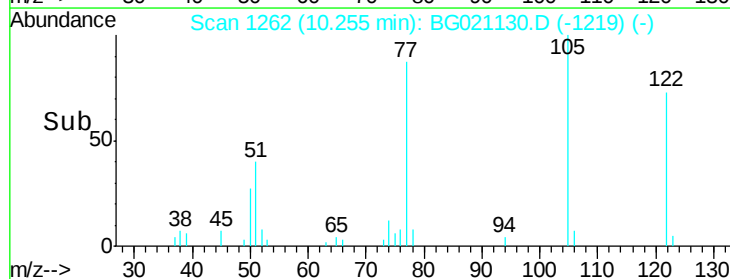
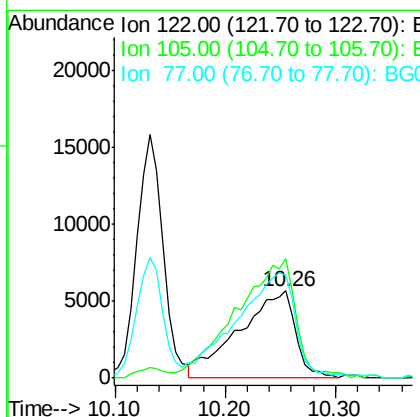
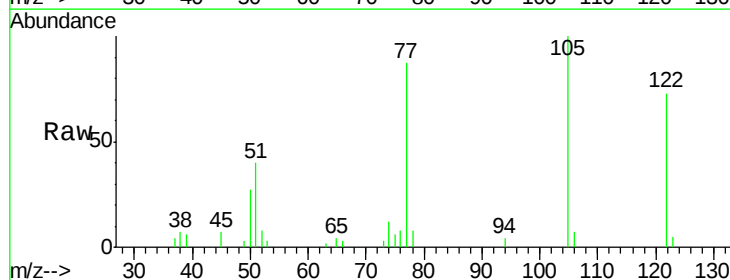
Instrument :
BNA_G
ClientSampleId :
PB88567BSD

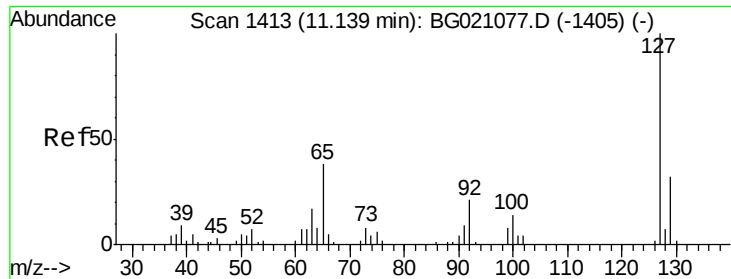
Tgt Ion:128 Resp: 75583
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 12.6 10.8 16.2



#32
Benzoic acid
Concen: 39.92 ng
RT: 10.26 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:122 Resp: 20326
Ion Ratio Lower Upper
122 100
105 136.2 98.7 138.7
77 118.2 84.5 124.5

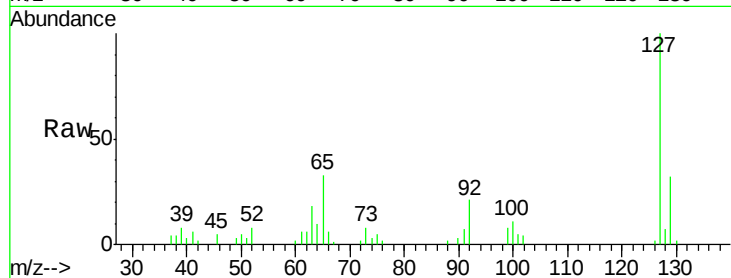




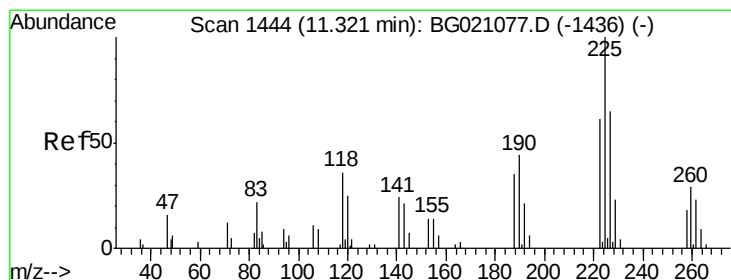
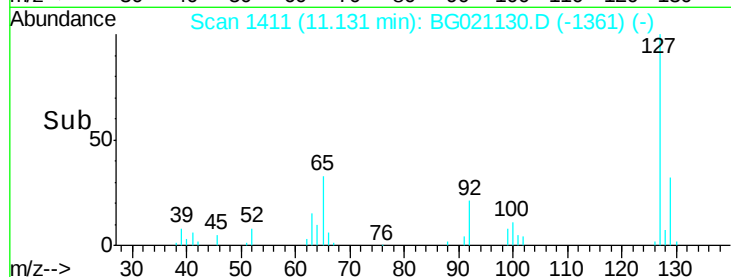
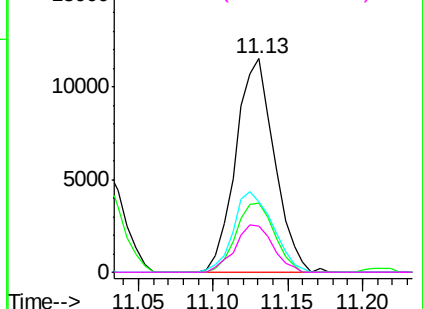
#33
4-Chloroaniline
Concen: 28.17 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Instrument :
BNA_G
ClientSampleId :
PB88567BSD

Tgt Ion:	127	Resp:	20720
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	32.9	22.9	34.3
92	21.5	15.0	22.6

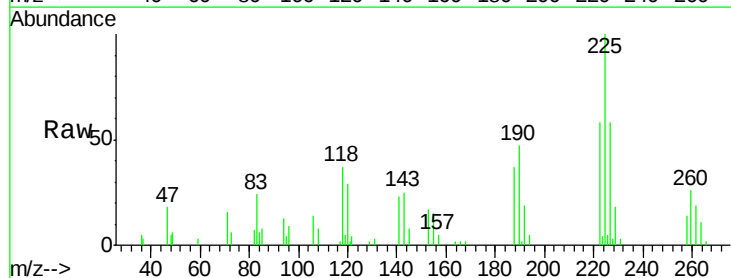


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

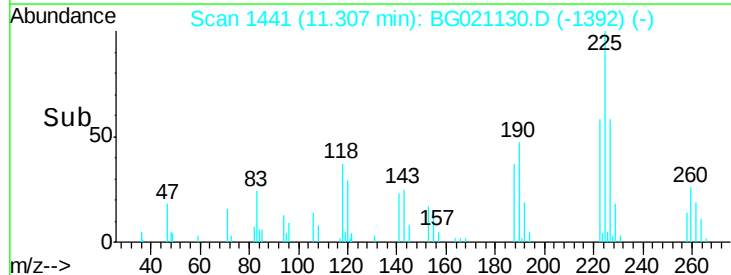
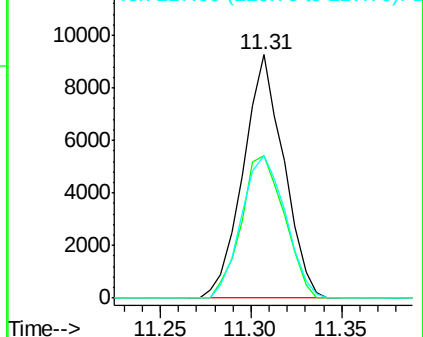


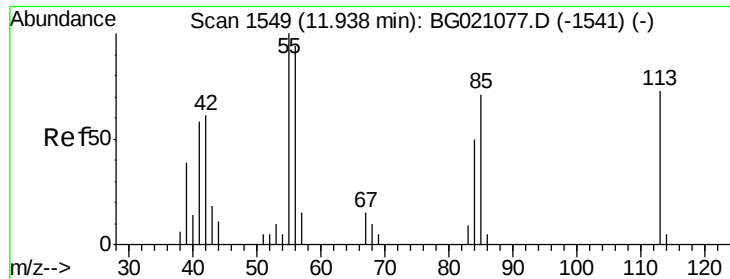
#34
Hexachlorobutadiene
Concen: 35.11 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:	225	Resp:	14452
Ion	Ratio	Lower	Upper
225	100		
223	59.3	54.6	82.0
227	58.2	54.6	81.8



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: 25.47 ng

RT: 11.94 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

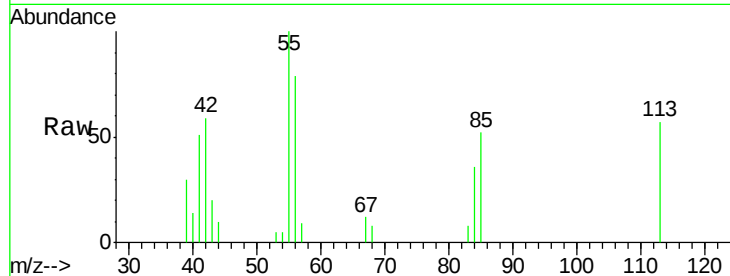
Tgt Ion:113 Resp: 4670

Ion Ratio Lower Upper

113 100

55 176.4 155.2 195.2

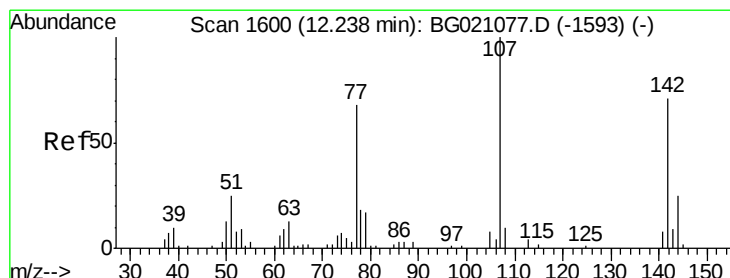
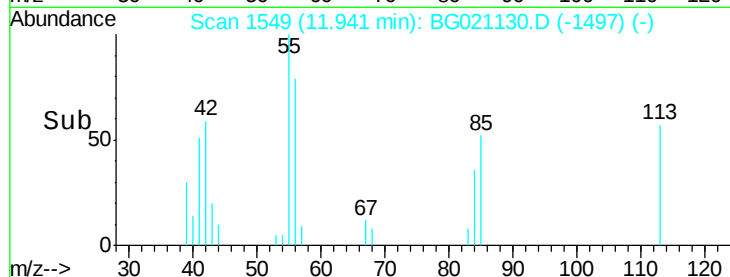
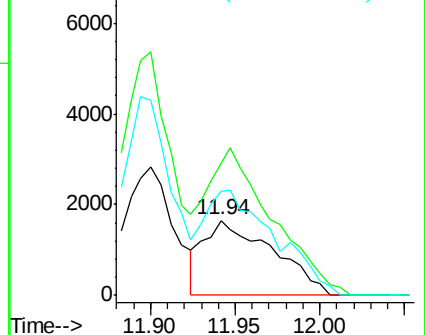
56 138.9 94.0 134.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.58 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

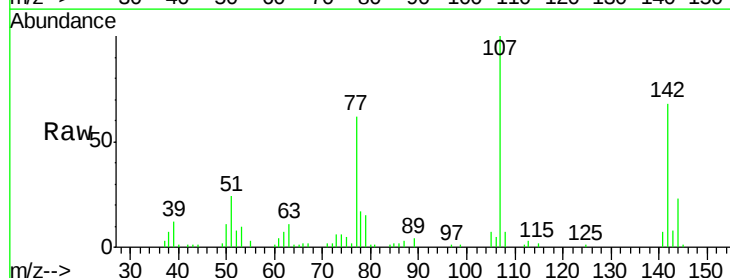
Tgt Ion:107 Resp: 34316

Ion Ratio Lower Upper

107 100

144 23.1 21.8 32.8

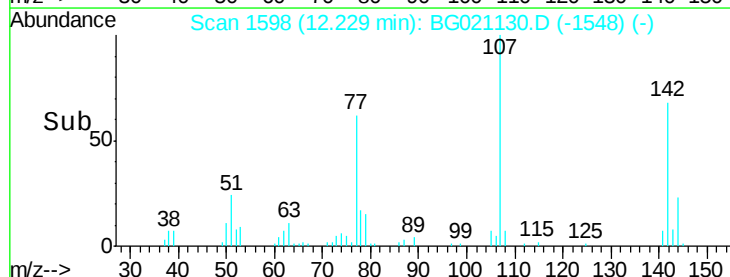
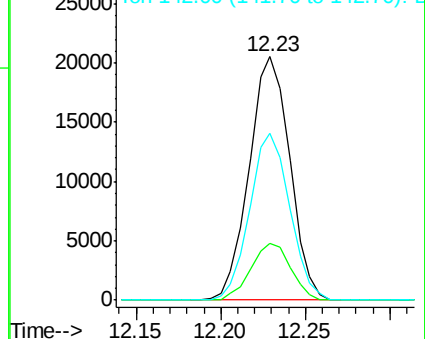
142 68.4 65.6 98.4

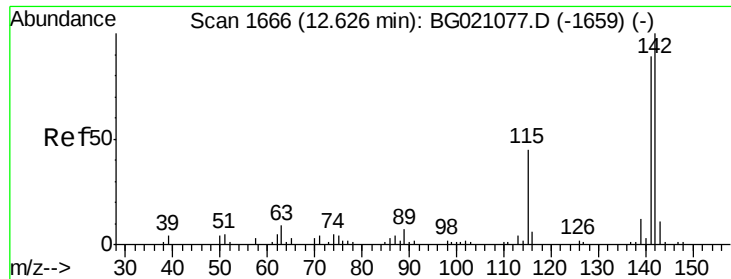


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

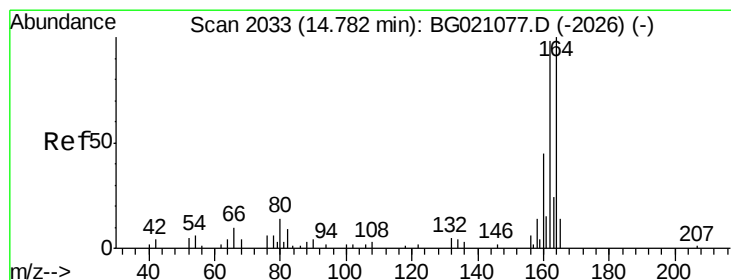
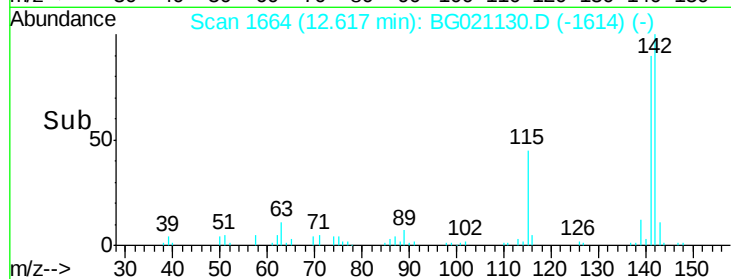
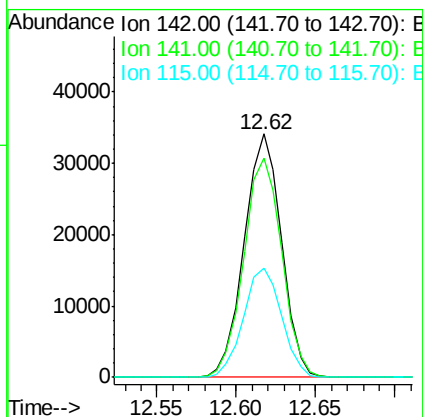
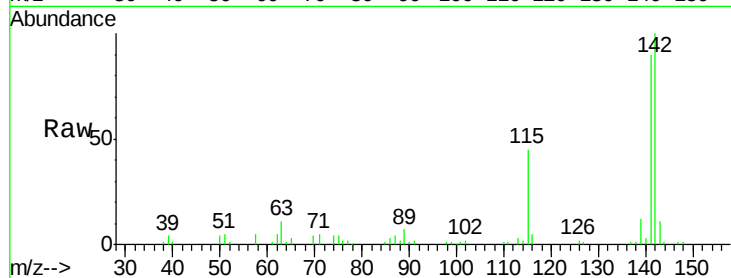




#37
 2-Methylnaphthalene
 Concen: 45.06 ng
 RT: 12.62 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

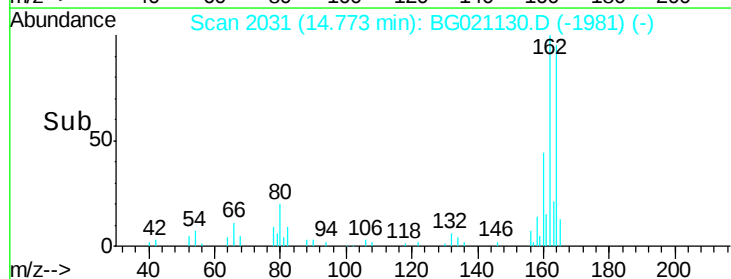
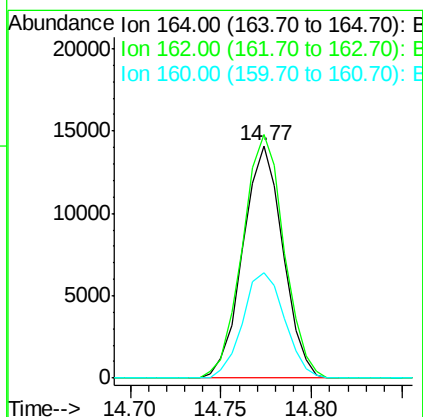
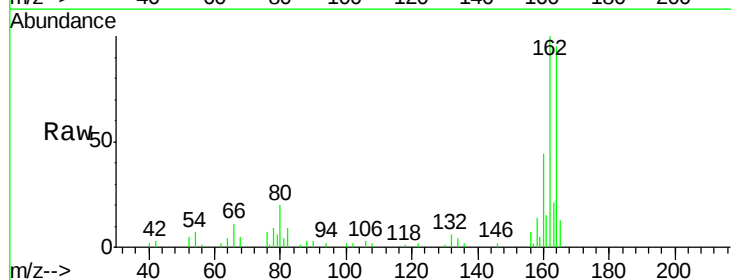
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

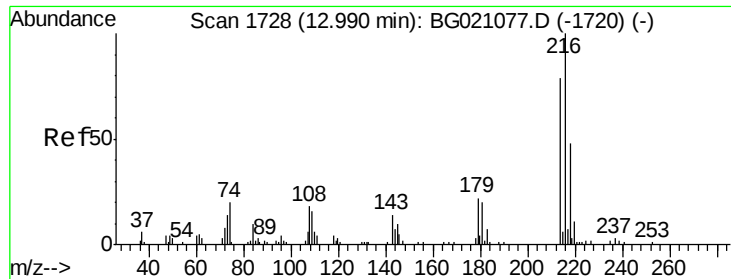
Tgt Ion:142 Resp: 55738
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.7 107.5
 115 44.9 26.2 39.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:164 Resp: 21653
 Ion Ratio Lower Upper
 164 100
 162 104.8 80.6 120.8
 160 45.6 36.5 54.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.69 ng

RT: 12.98 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

Tgt Ion:216 Resp: 28558

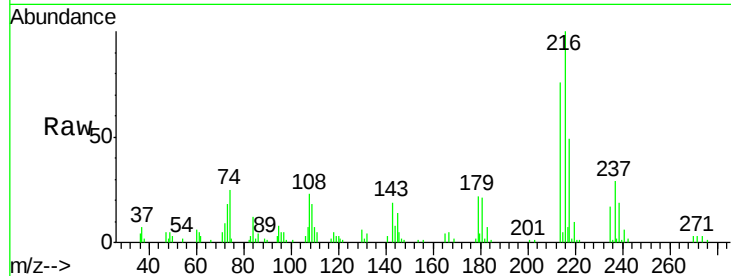
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 21.9 17.4 26.0

108 27.1 16.8 25.2#

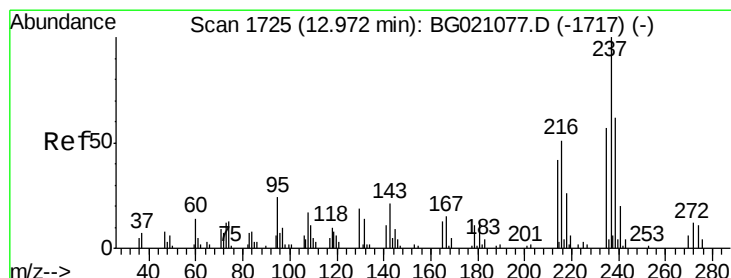
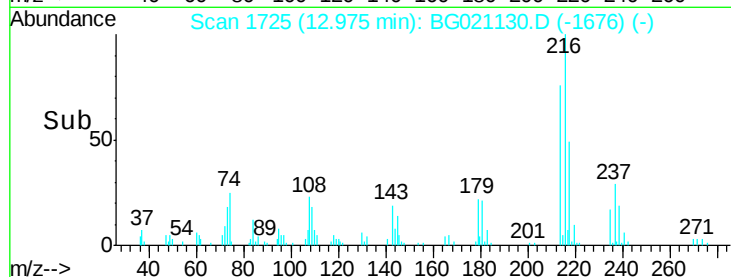
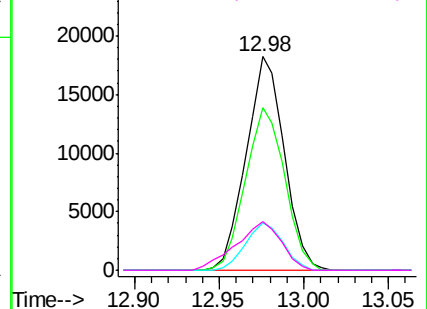


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.68 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

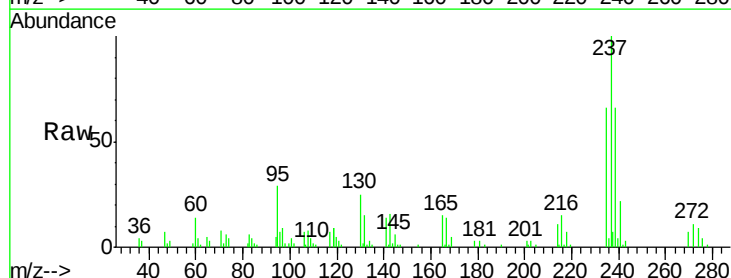
Tgt Ion:237 Resp: 38767

Ion Ratio Lower Upper

237 100

235 65.7 42.9 82.9

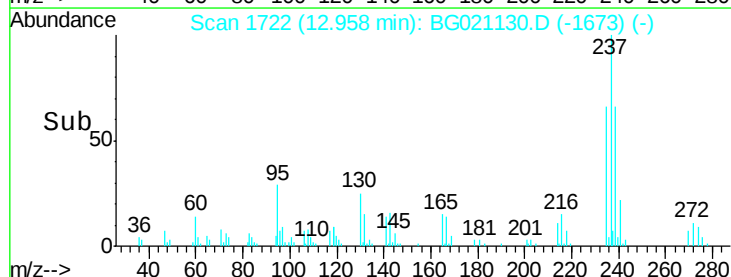
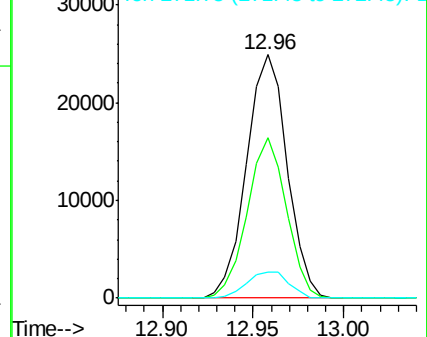
272 10.8 0.0 32.3

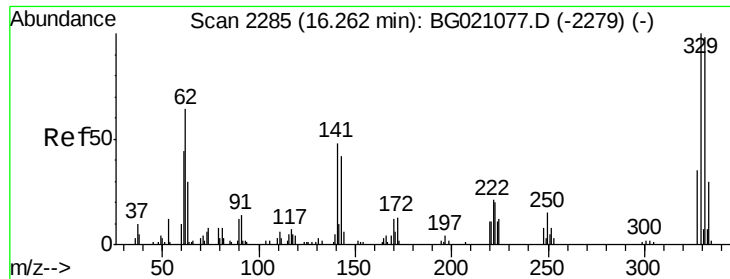


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

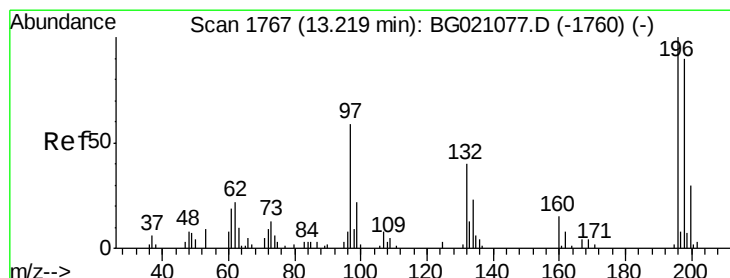
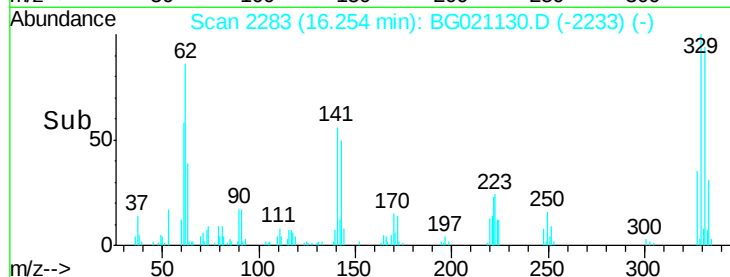
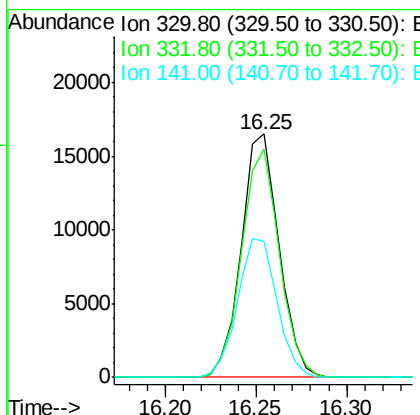
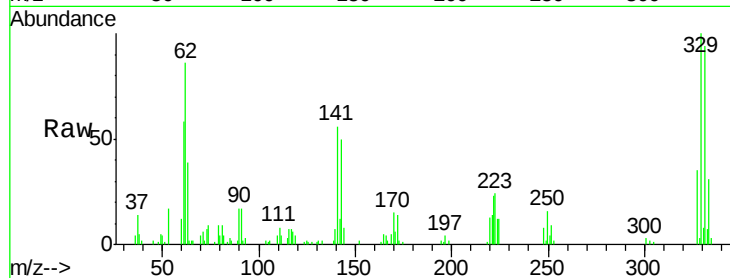




#41
 2,4,6-Tribromophenol
 Concen: 83.95 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

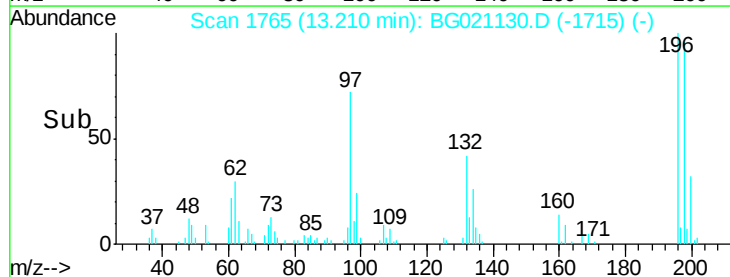
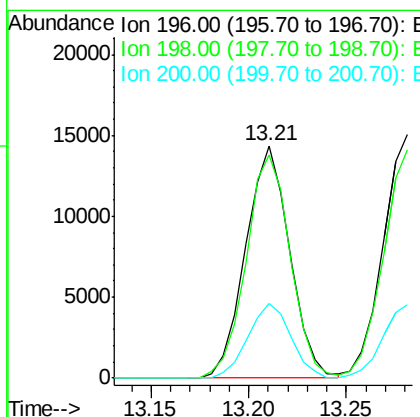
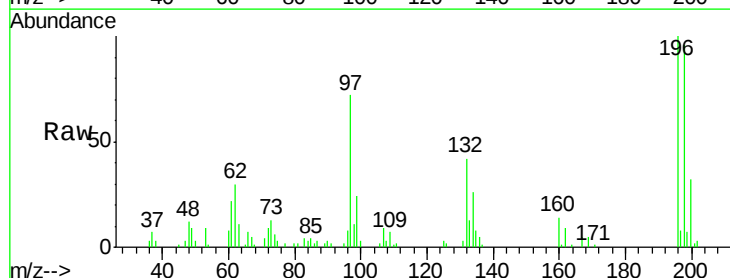
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

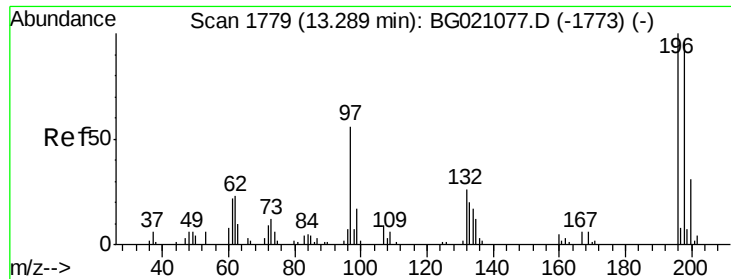
Tgt Ion:330 Resp: 23833
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.4 116.0
 141 59.7 35.3 52.9#



#42
 2,4,6-Trichlorophenol
 Concen: 44.52 ng
 RT: 13.21 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:196 Resp: 22342
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.8 113.8
 200 32.2 23.8 35.8

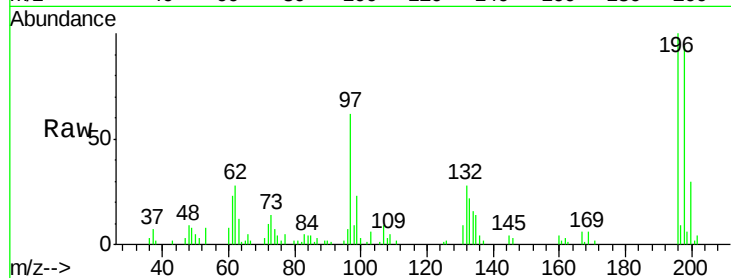




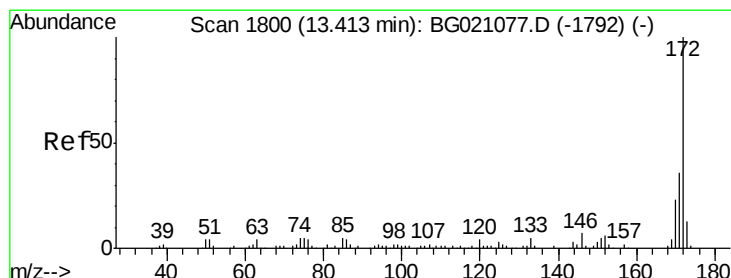
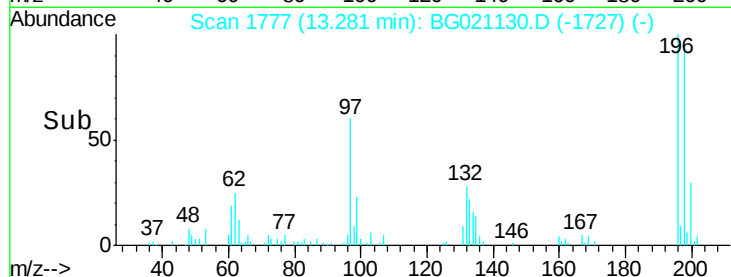
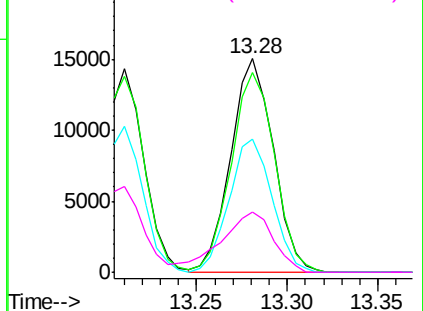
#43
 2,4,5-Trichlorophenol
 Concen: 47.78 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

Tgt Ion:	196	Resp:	24632
Ion	Ratio	Lower	Upper
196	100		
198	93.5	80.2	120.4
97	62.1	42.9	64.3
132	28.5	25.5	38.3

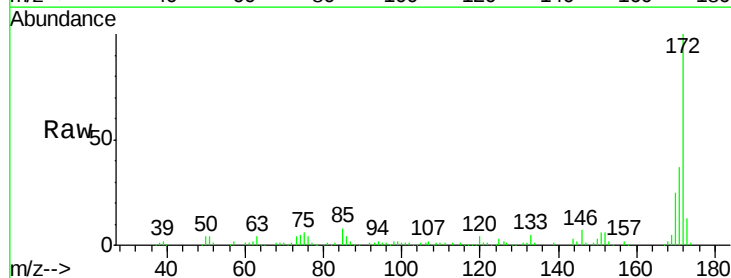


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

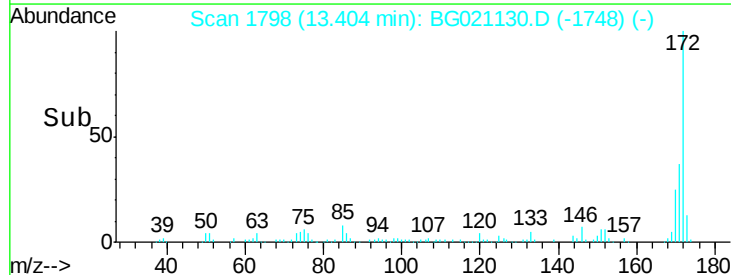
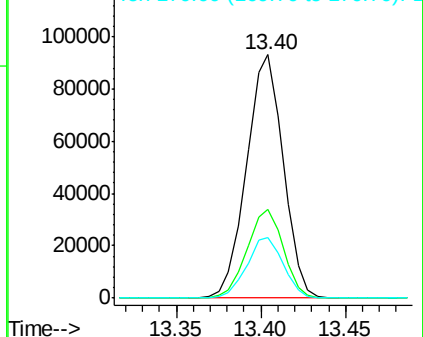


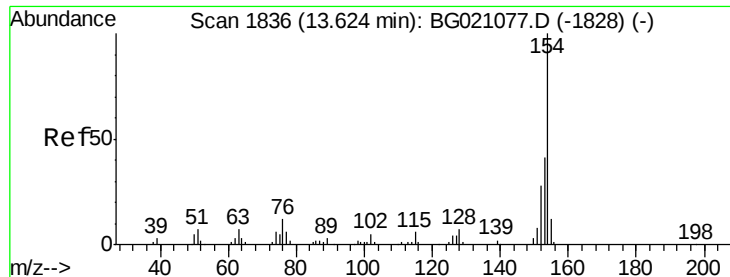
#44
 2-Fluorobiphenyl
 Concen: 83.13 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:	172	Resp:	140673
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.6	19.8	29.8



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

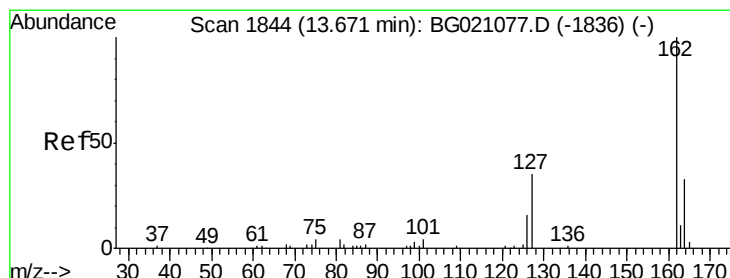
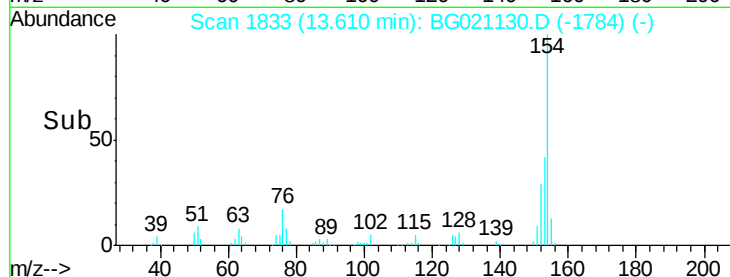
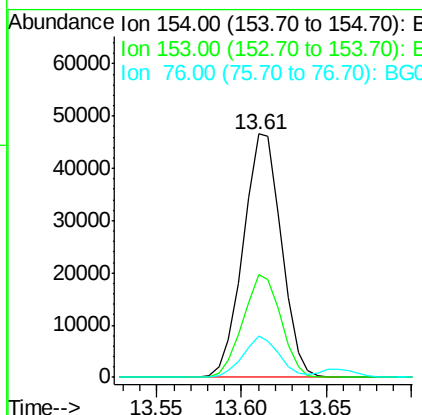
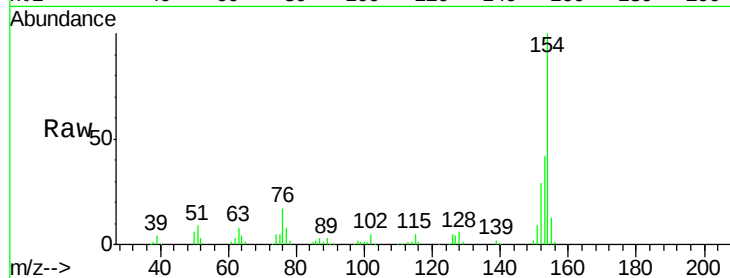




#45
 1,1'-Biphenyl
 Concen: 40.06 ng
 RT: 13.61 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

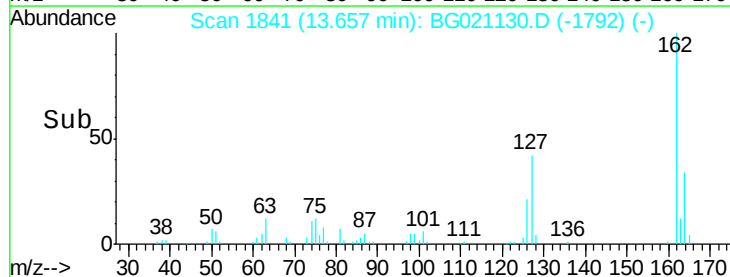
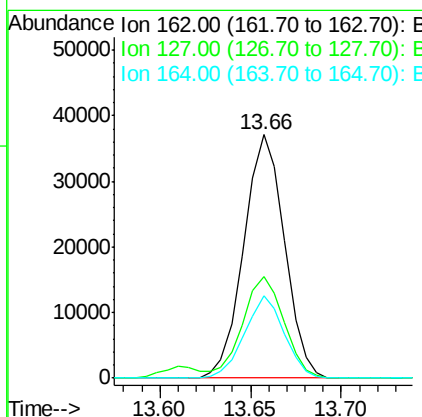
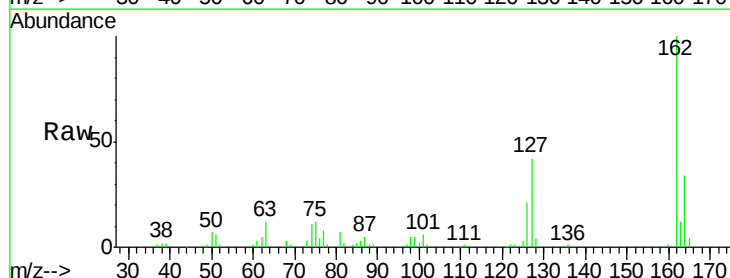
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

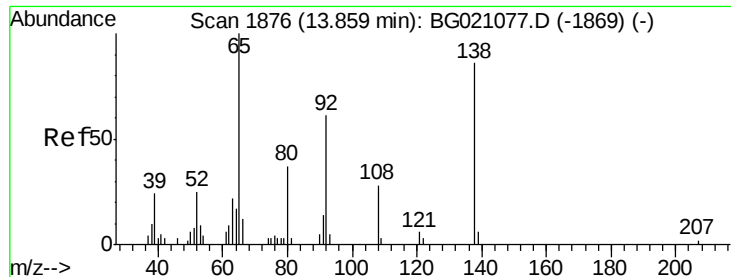
Tgt Ion:154 Resp: 73047
 Ion Ratio Lower Upper
 154 100
 153 42.1 19.8 59.8
 76 17.2 0.0 33.6



#46
 2-Chloronaphthalene
 Concen: 41.87 ng
 RT: 13.66 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:162 Resp: 57931
 Ion Ratio Lower Upper
 162 100
 127 41.8 31.8 47.8
 164 33.8 26.3 39.5

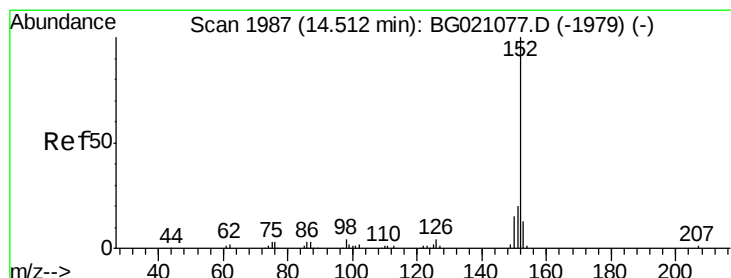
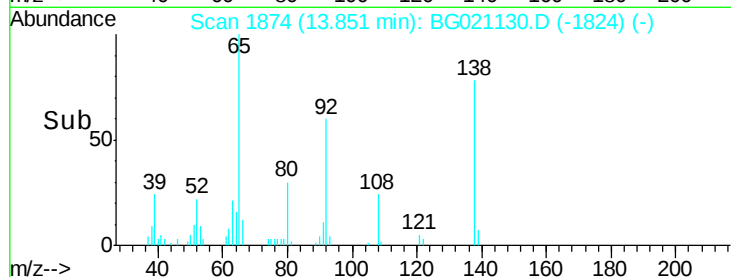
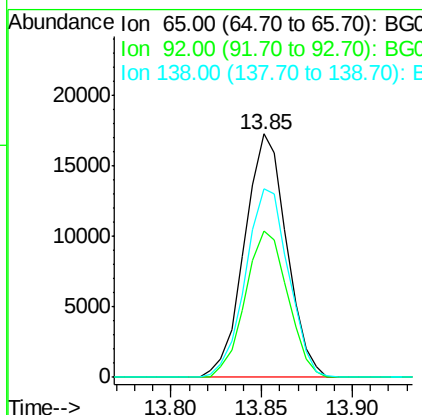
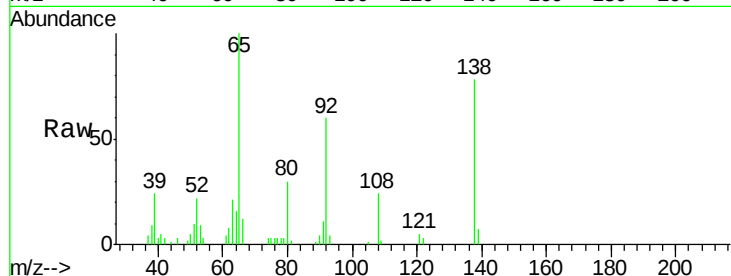




#47
2-Nitroaniline
Concen: 62.01 ng
RT: 13.85 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

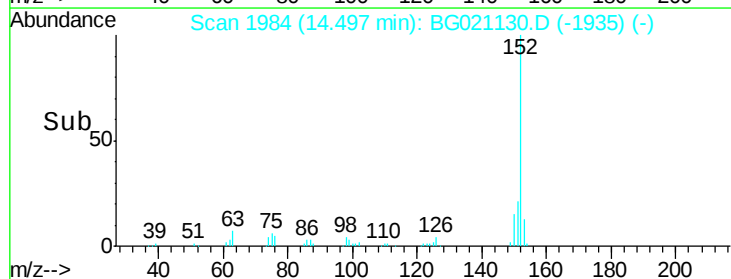
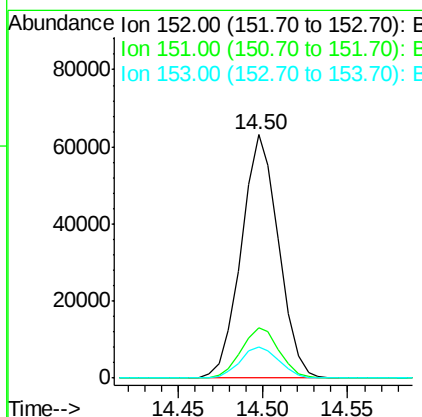
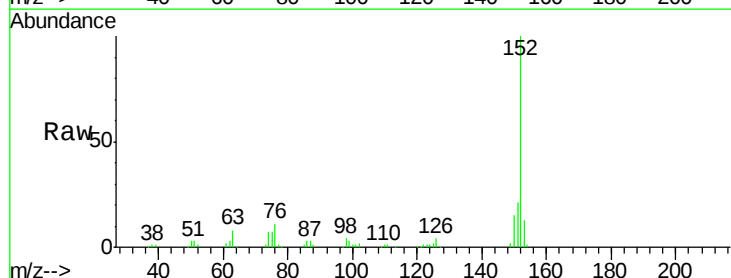
Instrument :
BNA_G
ClientSampleId :
PB88567BSD

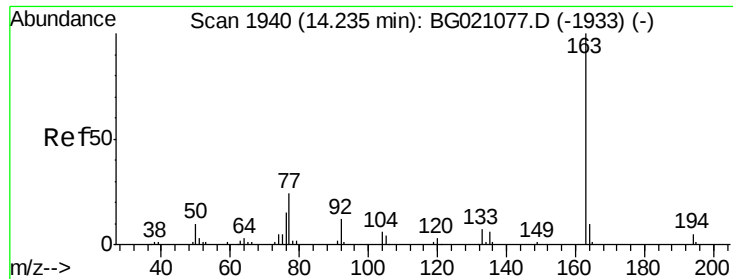
Tgt Ion: 65 Resp: 27797
Ion Ratio Lower Upper
65 100
92 60.1 54.6 82.0
138 77.6 94.9 142.3#



#48
Acenaphthylene
Concen: 44.24 ng
RT: 14.50 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion: 152 Resp: 96839
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 12.6 10.2 15.2





#49

Dimethylphthalate

Concen: 45.44 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

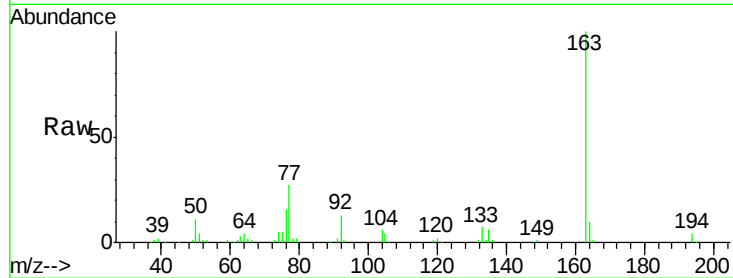
Tgt Ion:163 Resp: 84791

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

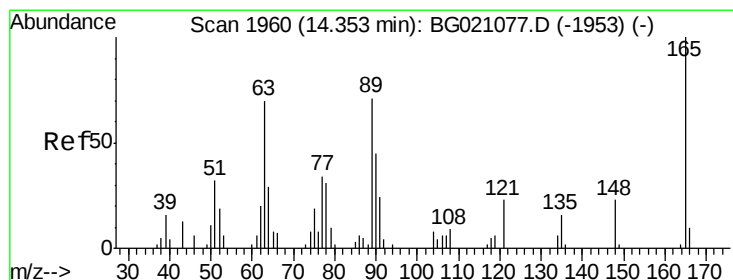
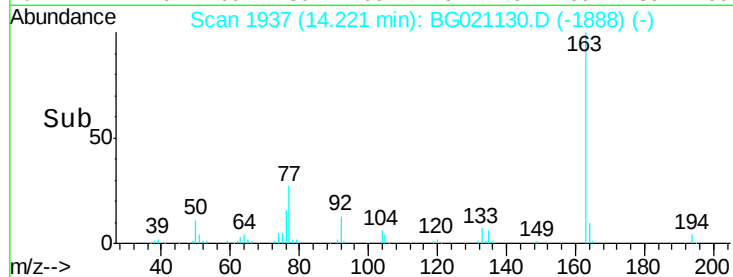
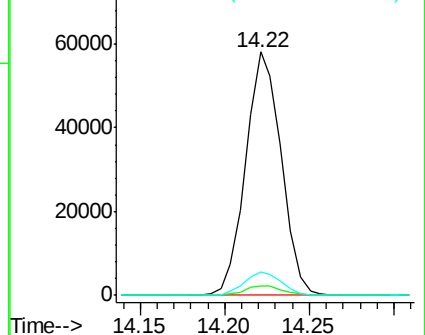
164 9.8 7.9 11.9



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: 48.79 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

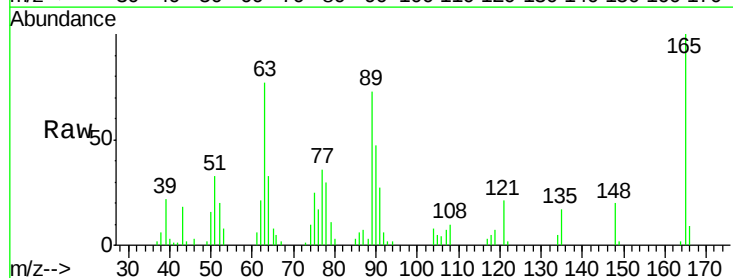
Tgt Ion:165 Resp: 18731

Ion Ratio Lower Upper

165 100

63 76.7 42.1 63.1#

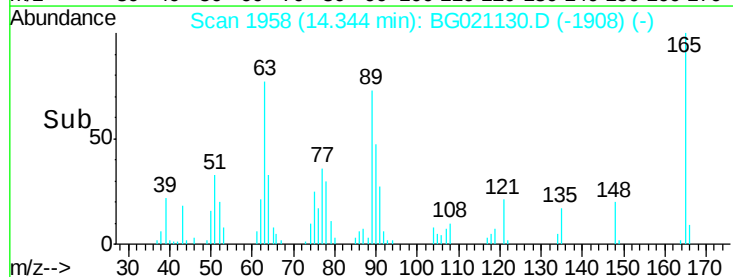
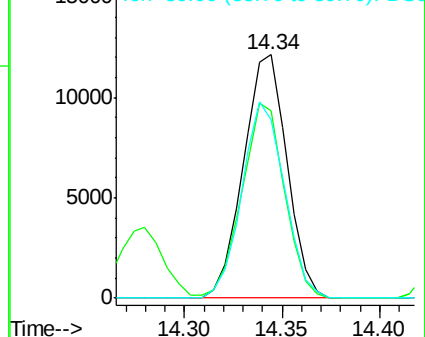
89 73.4 46.1 69.1#

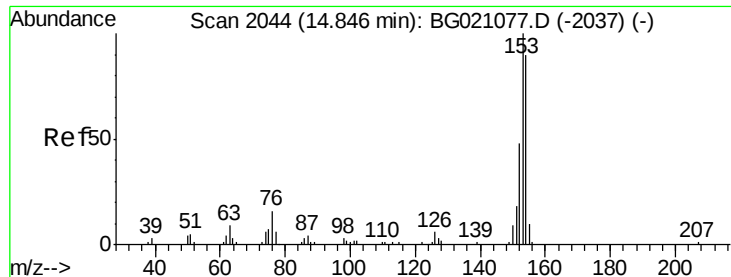


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.78 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

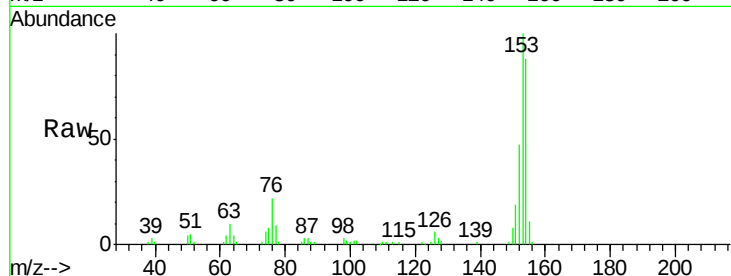
Tgt Ion:154 Resp: 62382

Ion Ratio Lower Upper

154 100

153 113.1 94.2 141.2

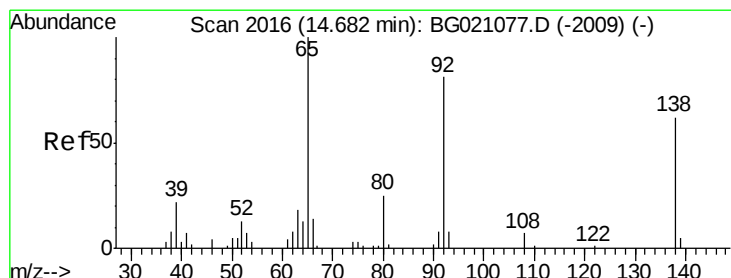
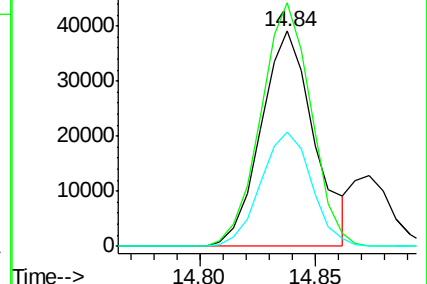
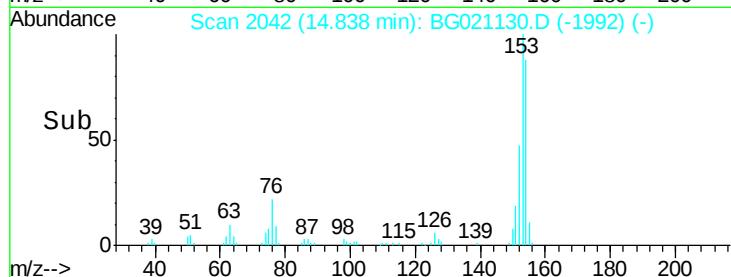
152 53.1 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.51 ng

RT: 14.67 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

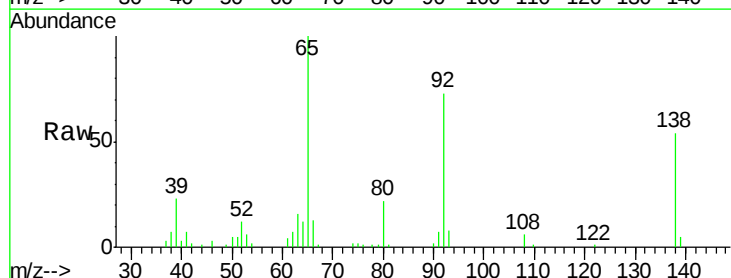
Tgt Ion:138 Resp: 14761

Ion Ratio Lower Upper

138 100

108 12.0 5.8 8.6#

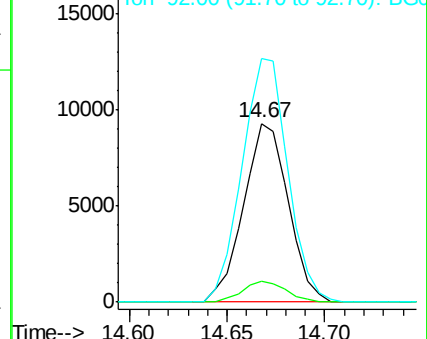
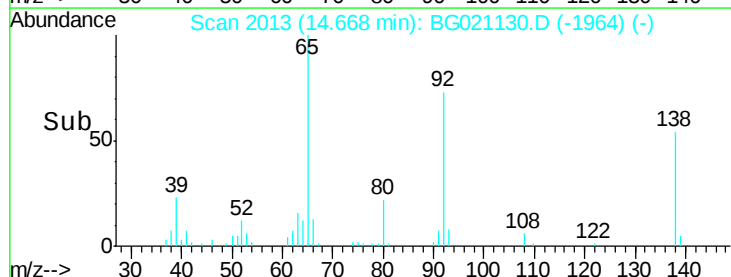
92 136.5 83.6 125.4#

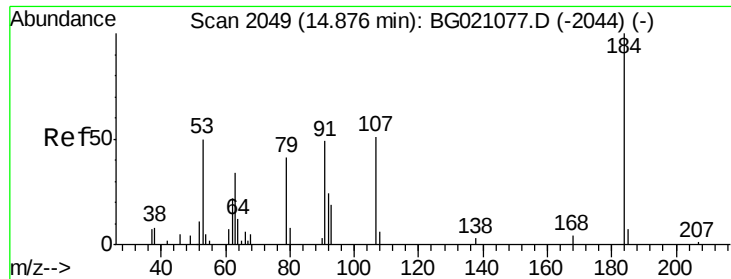


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

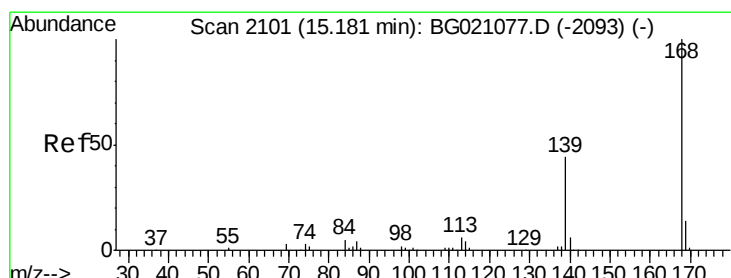
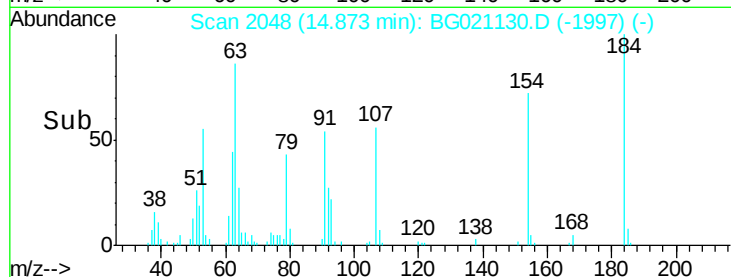
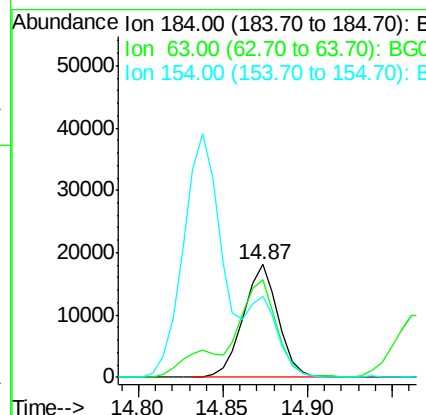
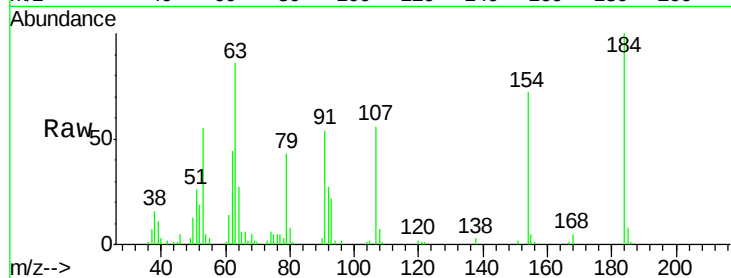




#53
2,4-Dinitrophenol
Concen: 97.28 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

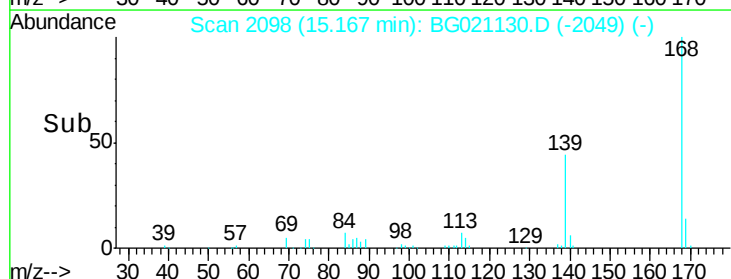
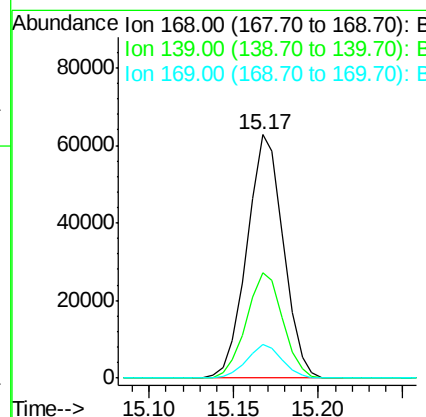
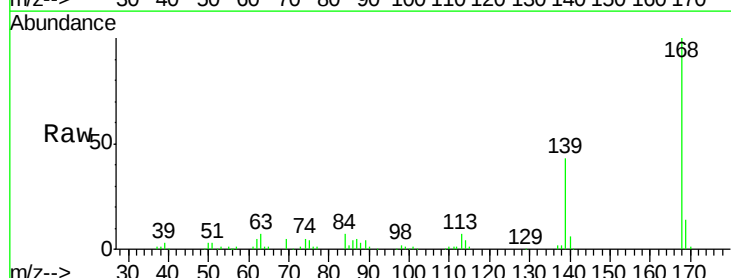
Instrument :
BNA_G
ClientSampleId :
PB88567BSD

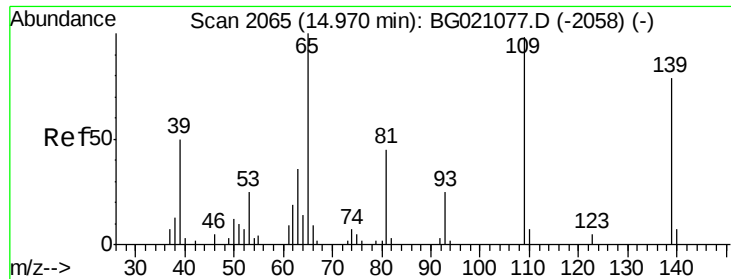
Tgt Ion:184 Resp: 26041
Ion Ratio Lower Upper
184 100
63 86.3 57.0 85.6#
154 71.6 51.3 76.9



#54
Dibenzofuran
Concen: 49.66 ng
RT: 15.17 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:168 Resp: 93932
Ion Ratio Lower Upper
168 100
139 43.5 29.8 44.8
169 14.0 11.4 17.2





#55

4-Nitrophenol

Concen: 112.13 ng

RT: 14.97 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

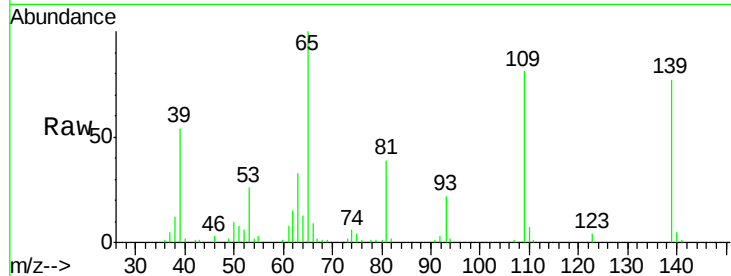
Tgt Ion:139 Resp: 37156

Ion Ratio Lower Upper

139 100

109 106.0 54.1 94.1#

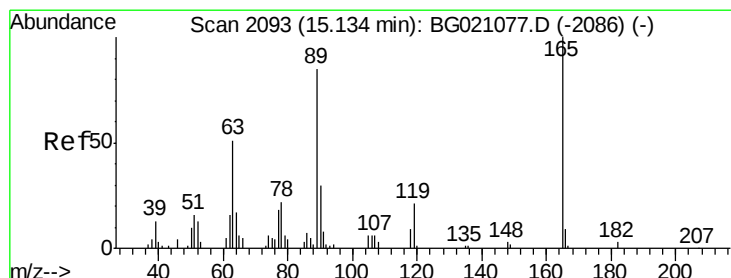
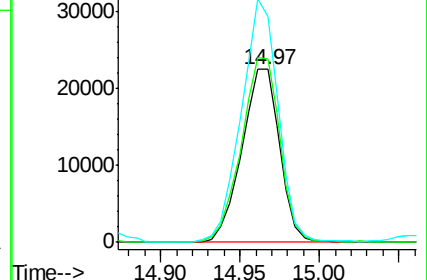
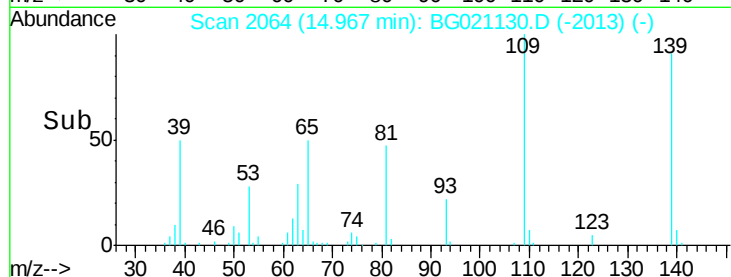
65 130.4 73.4 113.4#



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: 50.14 ng

RT: 15.13 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Tgt Ion:165 Resp: 27608

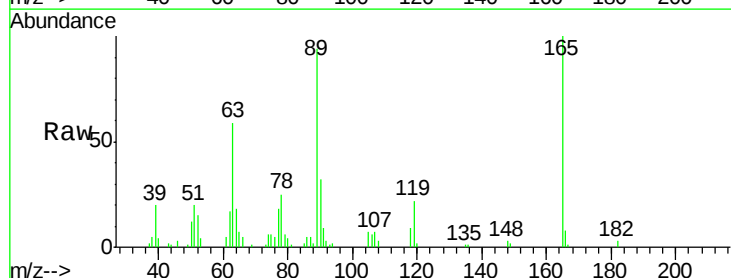
Ion Ratio Lower Upper

165 100

63 59.4 34.1 51.1#

89 94.2 63.0 94.4

182 2.9 1.4 2.2#

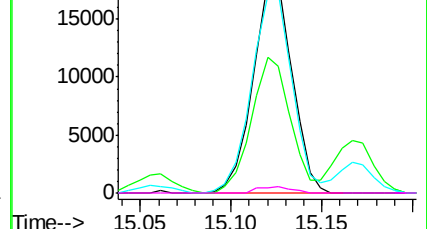
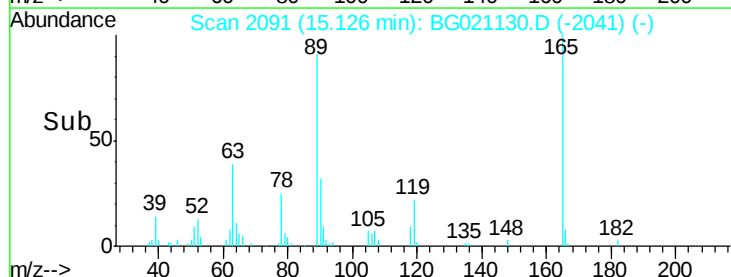


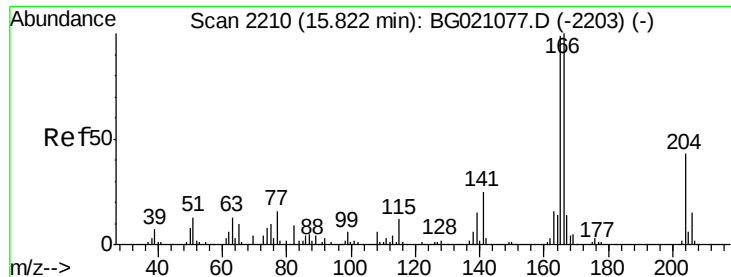
Abundance Ion 165.00 (164.70 to 165.70): E

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

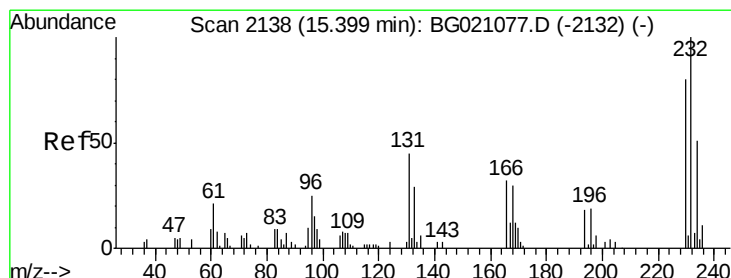
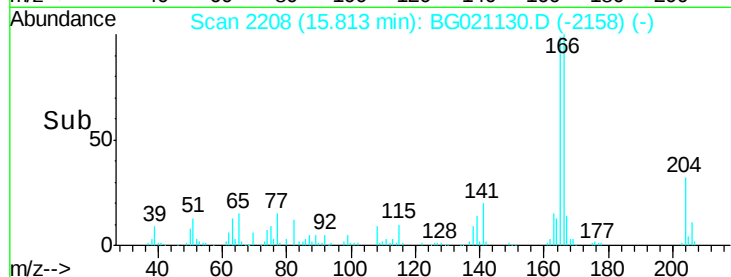
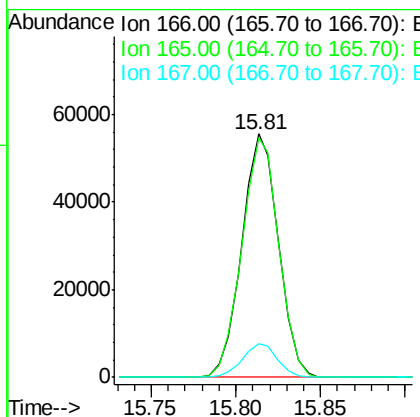
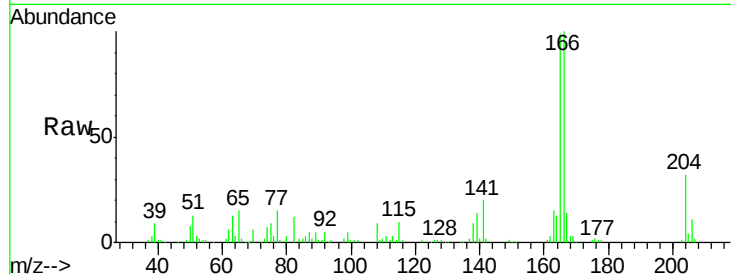




#57
 Fluorene
 Concen: 45.34 ng
 RT: 15.81 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

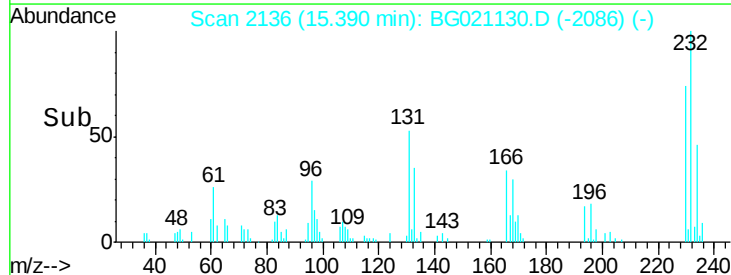
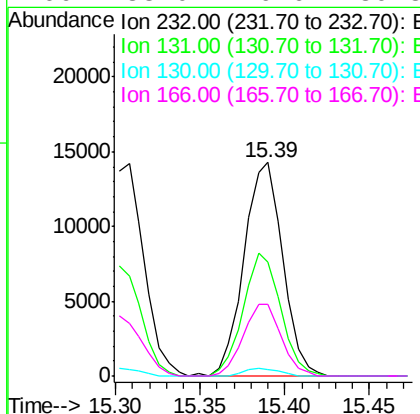
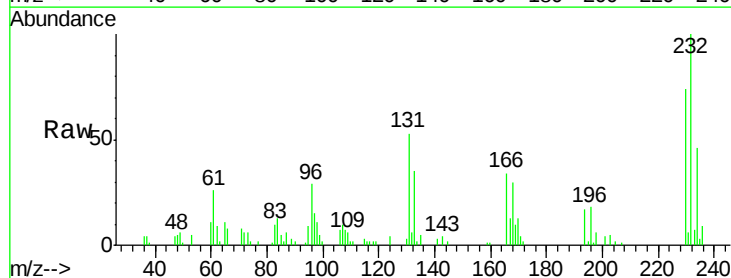
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

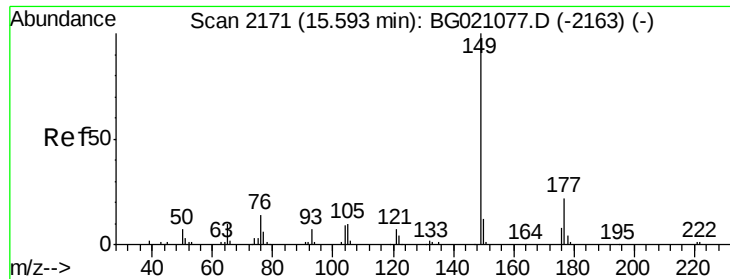
Tgt Ion:166 Resp: 83434
 Ion Ratio Lower Upper
 166 100
 165 98.7 81.3 121.9
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.82 ng
 RT: 15.39 min Scan# 2136
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:232 Resp: 22773
 Ion Ratio Lower Upper
 232 100
 131 55.4 41.4 62.2
 130 3.3 1.8 2.8#
 166 33.0 26.6 39.8

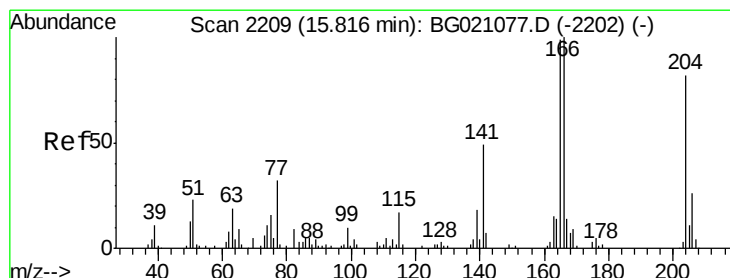
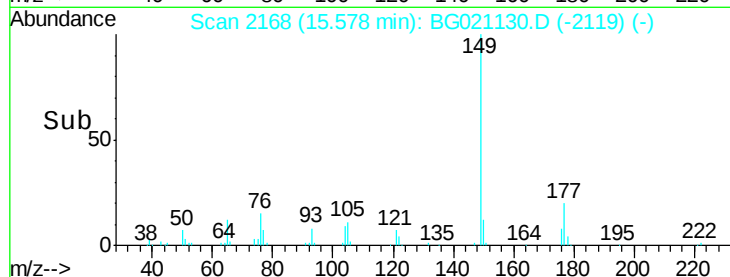
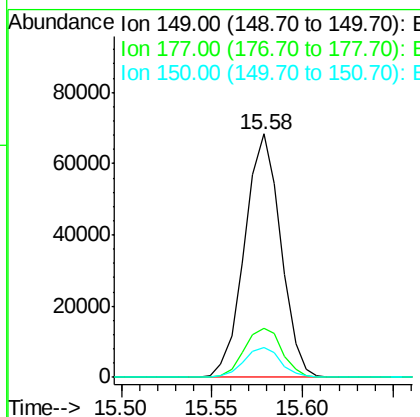
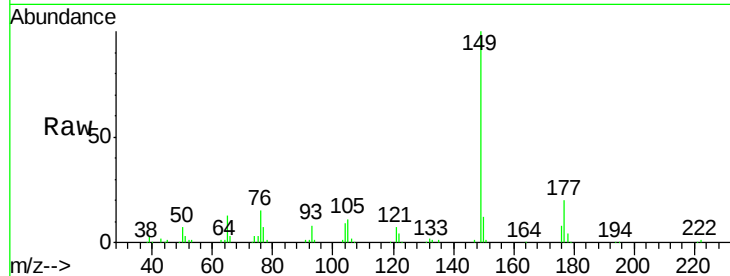




#59
Diethylphthalate
Concen: 48.10 ng
RT: 15.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

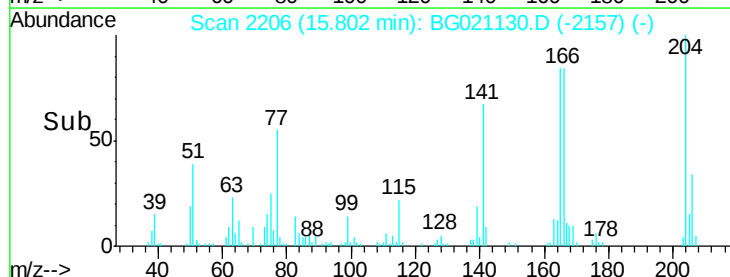
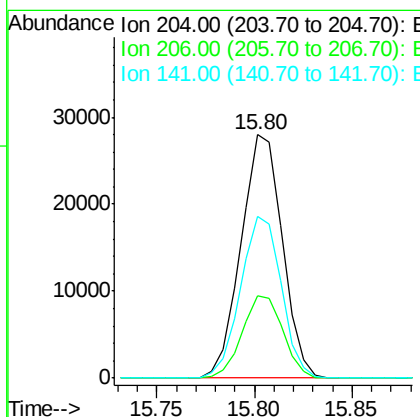
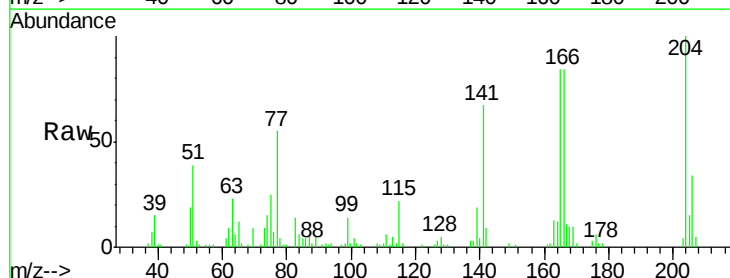
Instrument :
BNA_G
ClientSampleId :
PB88567BSD

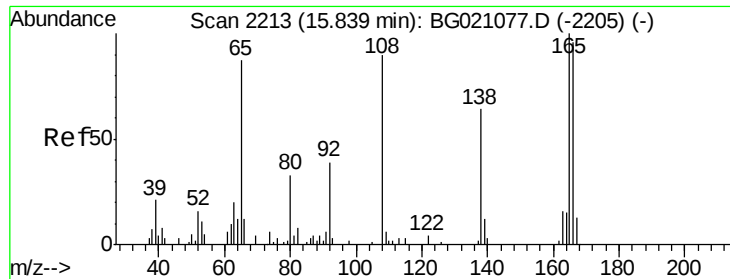
Tgt Ion:149 Resp: 94611
Ion Ratio Lower Upper
149 100
177 20.0 15.8 23.8
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.57 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:204 Resp: 41062
Ion Ratio Lower Upper
204 100
206 33.8 26.9 40.3
141 66.6 50.8 76.2

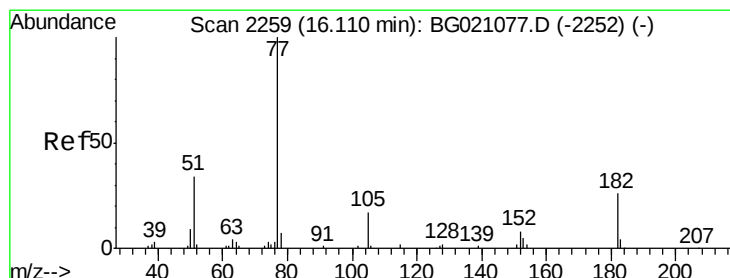
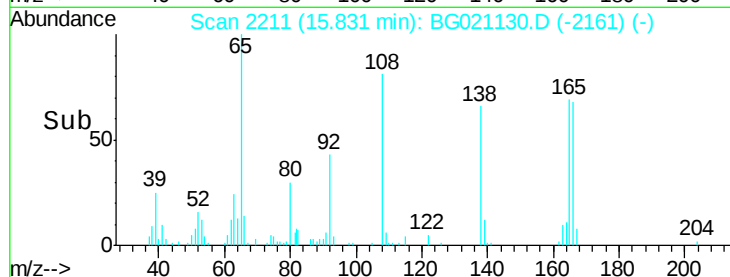
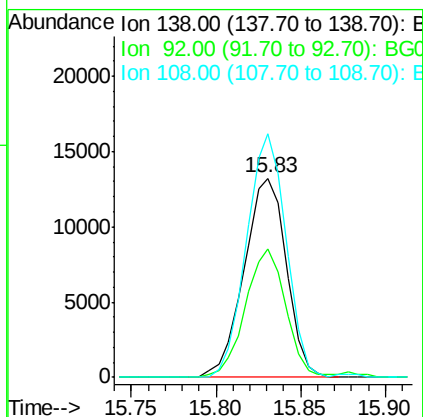
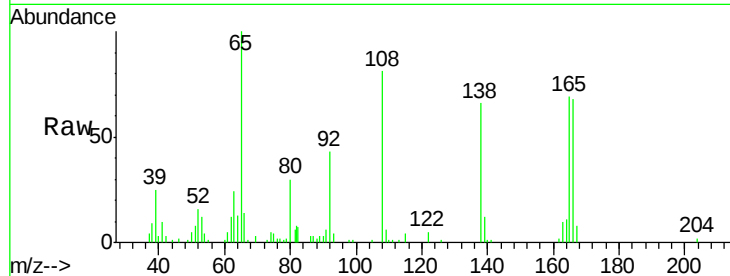




#61
4-Nitroaniline
Concen: 53.93 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

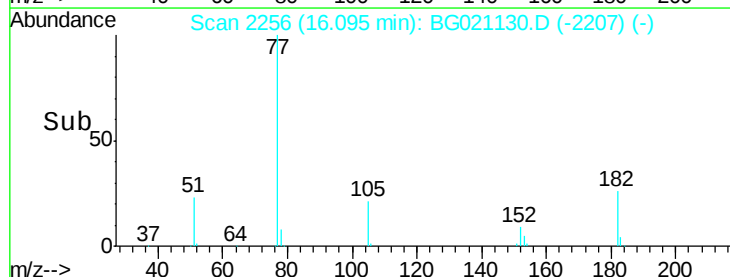
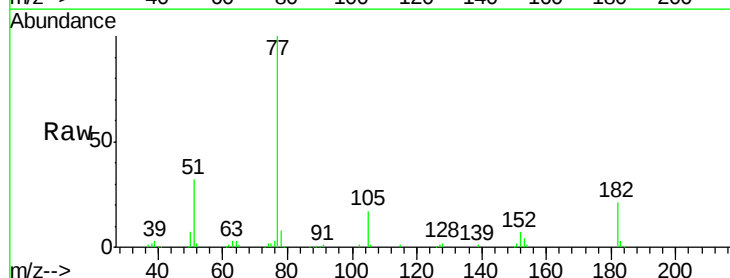
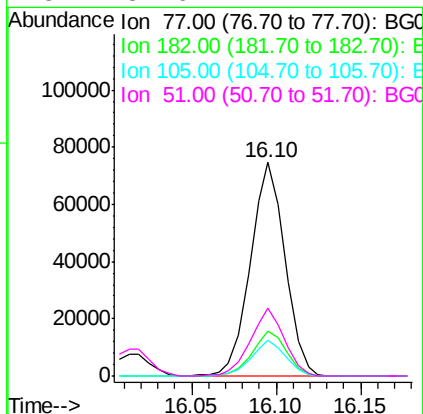
Instrument :
BNA_G
ClientSampleId :
PB88567BSD

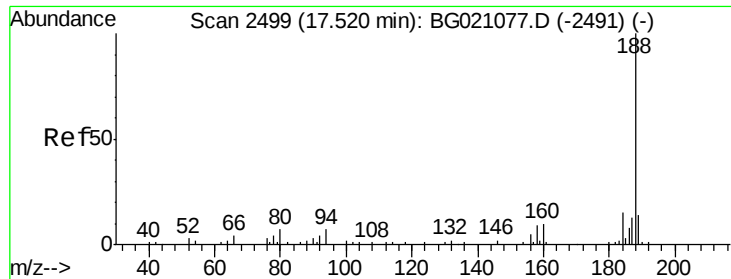
Tgt Ion: 138 Resp: 22941
Ion Ratio Lower Upper
138 100
92 64.5 28.0 68.0
108 122.4 52.6 92.6#



#62
Azobenzene
Concen: 62.34 ng
RT: 16.10 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion: 77 Resp: 106222
Ion Ratio Lower Upper
77 100
182 21.3 0.7 40.7
105 17.1 0.0 38.3
51 31.6 4.4 44.4

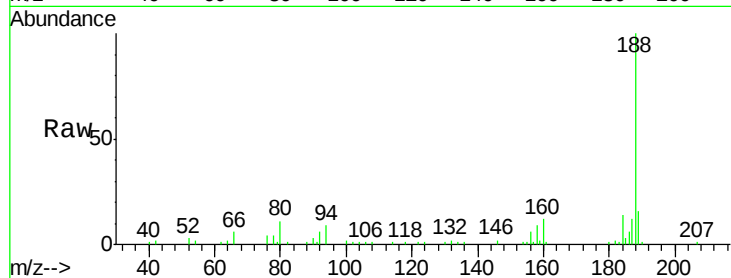




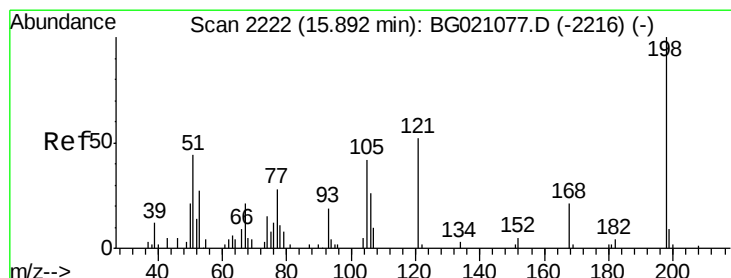
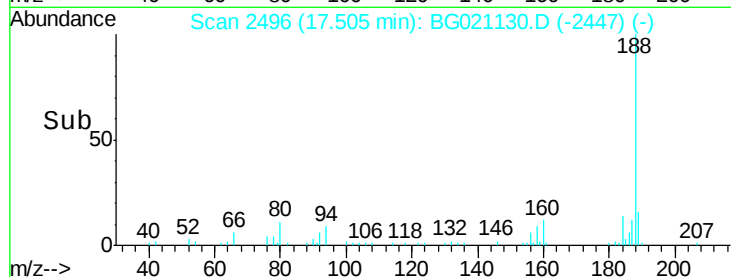
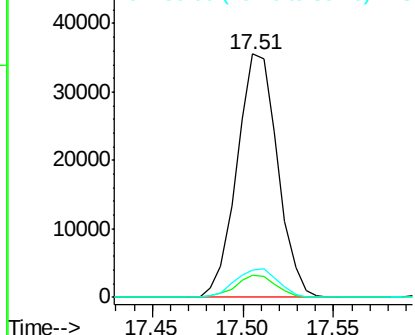
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Instrument :
BNA_G
ClientSampleId :
PB88567BSD

Tgt Ion:188 Resp: 55297
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 11.4 9.2 13.8

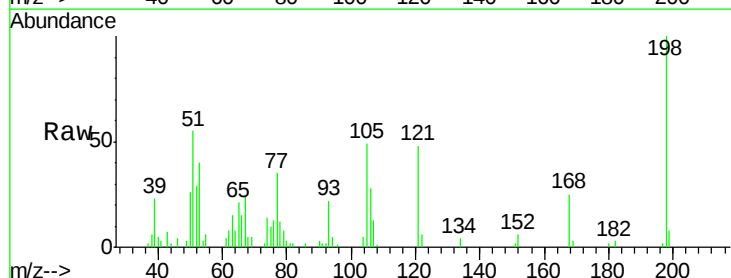


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

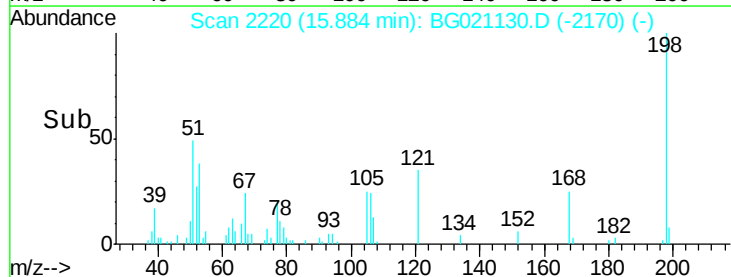
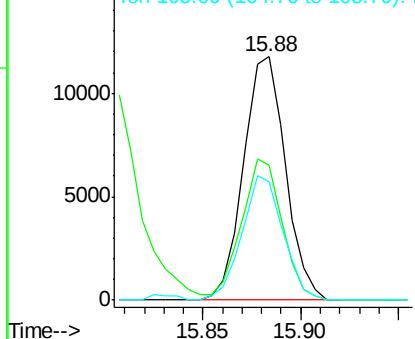


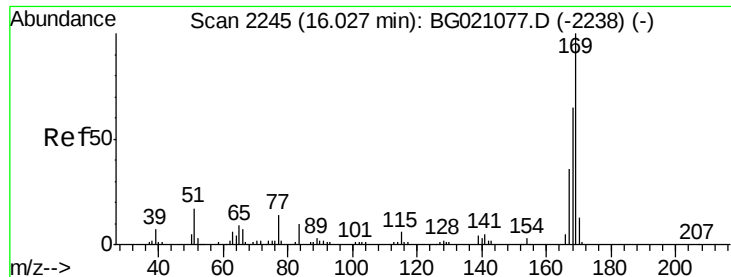
#64
4,6-Dinitro-2-methylphenol
Concen: 43.06 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:198 Resp: 17464
Ion Ratio Lower Upper
198 100
51 55.5 30.4 70.4
105 48.7 32.8 72.8



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

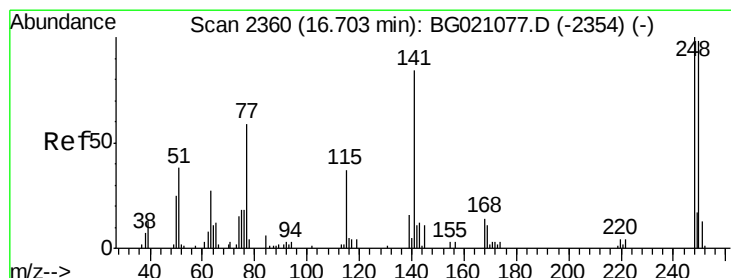
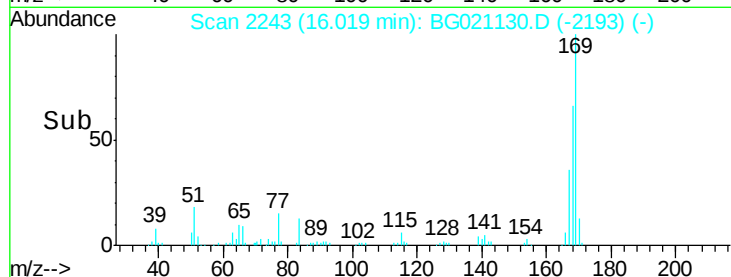
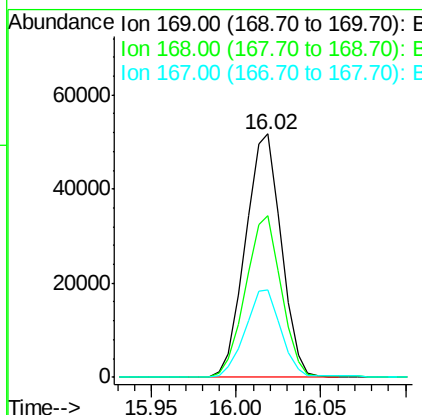
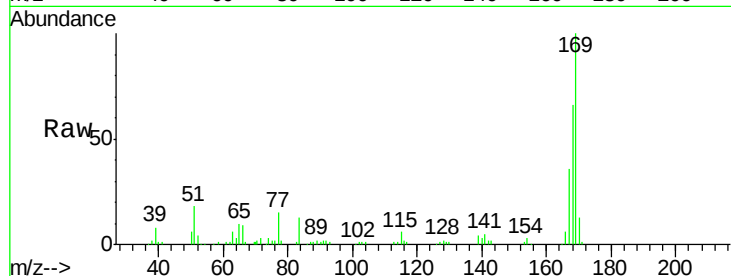




#65
n-Nitrosodiphenylamine
Concen: 46.80 ng
RT: 16.02 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

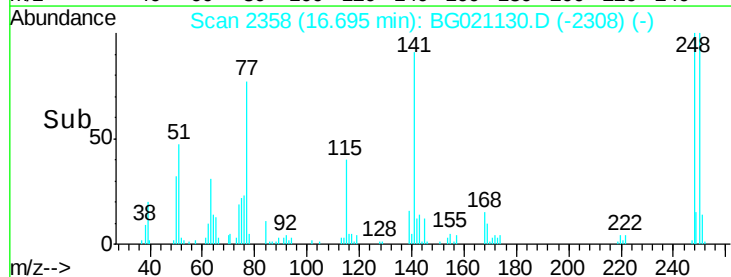
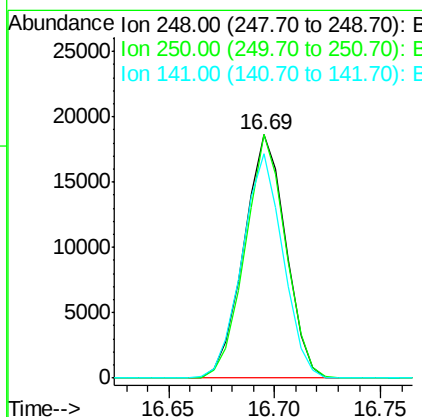
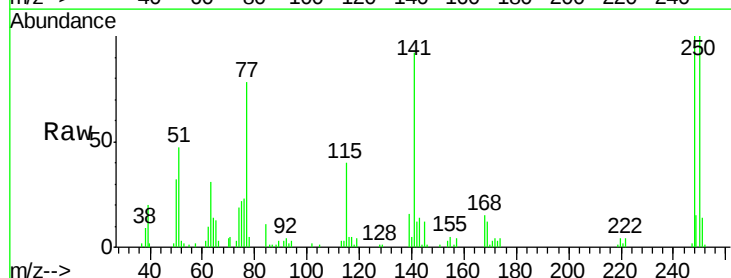
Instrument :
BNA_G
ClientSampleId :
PB88567BSD

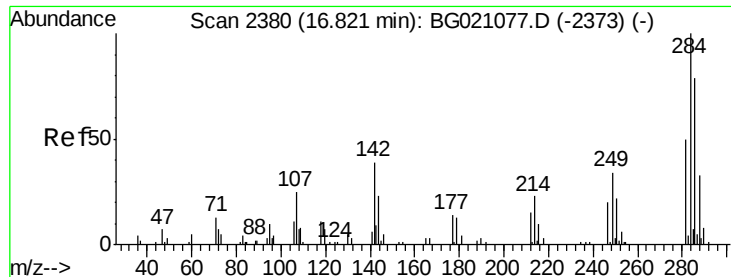
Tgt Ion:169 Resp: 76355
Ion Ratio Lower Upper
169 100
168 66.3 58.2 87.2
167 35.8 31.0 46.6



#66
4-Bromophenyl-phenylether
Concen: 39.35 ng
RT: 16.69 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:248 Resp: 25616
Ion Ratio Lower Upper
248 100
250 99.9 76.4 114.6
141 92.3 57.4 86.0#





#67

Hexachlorobenzene

Concen: 37.59 ng

RT: 16.81 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

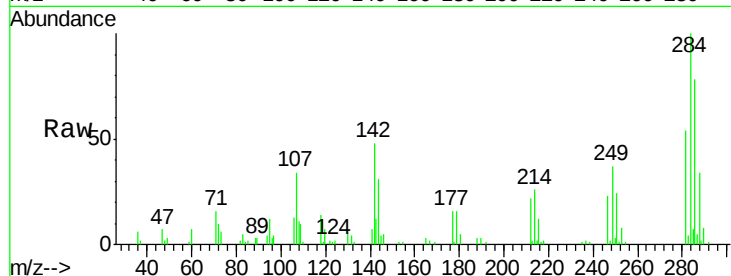
Tgt Ion:284 Resp: 25816

Ion Ratio Lower Upper

284 100

142 48.5 32.1 48.1#

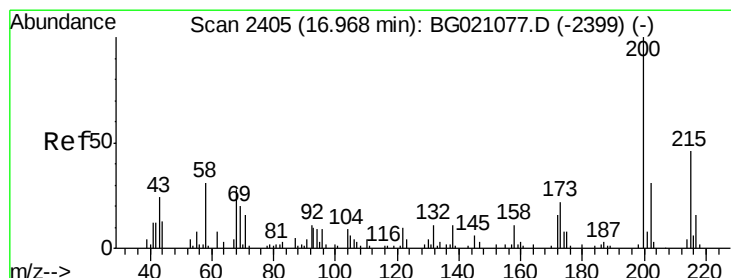
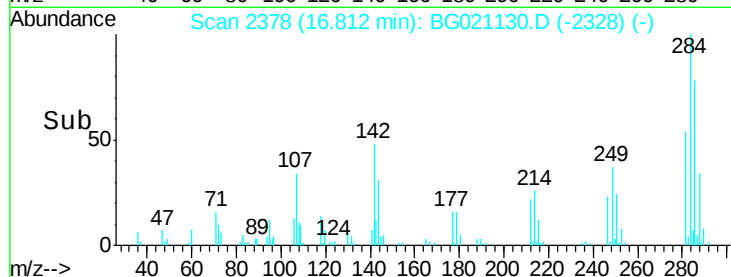
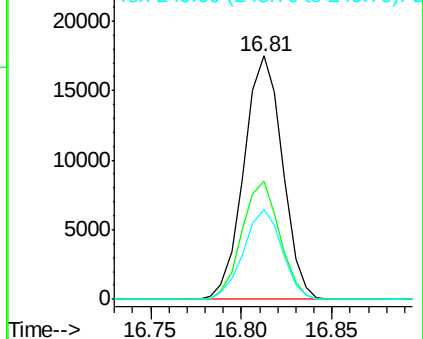
249 39.5 24.0 36.0#



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: 48.93 ng

RT: 16.96 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

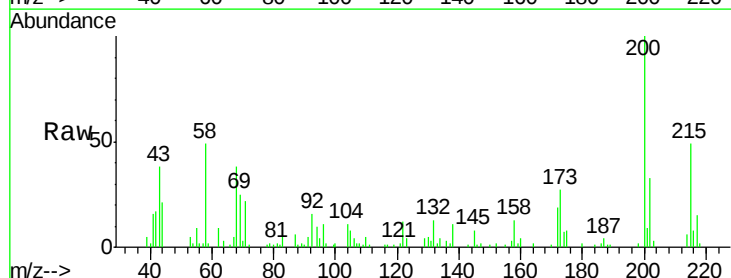
Tgt Ion:200 Resp: 29577

Ion Ratio Lower Upper

200 100

173 26.7 3.9 43.9

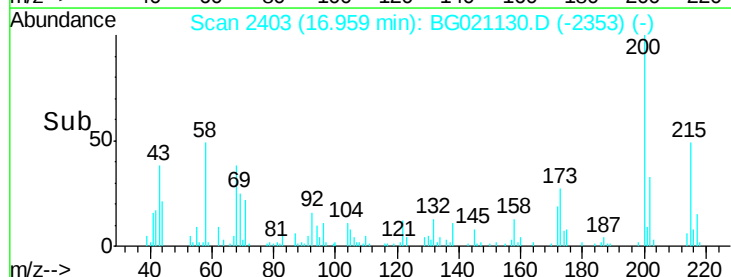
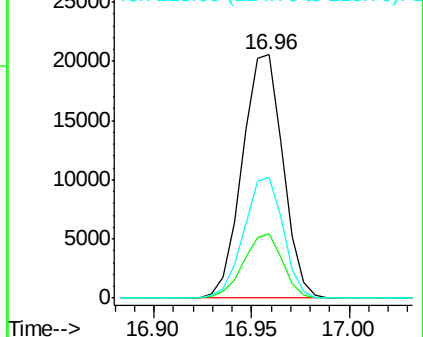
215 49.3 29.0 69.0

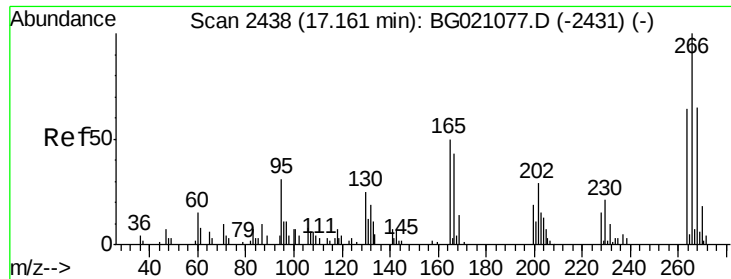


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.04 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

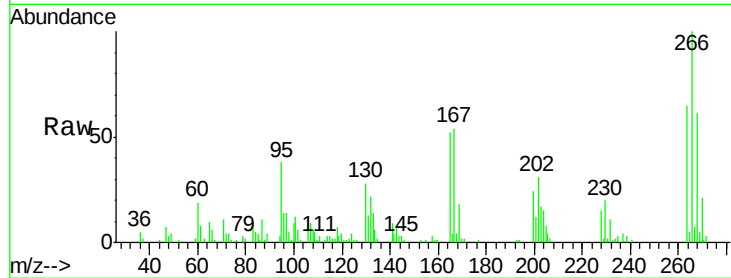
Tgt Ion:266 Resp: 37110

Ion Ratio Lower Upper

266 100

268 65.9 51.0 76.6

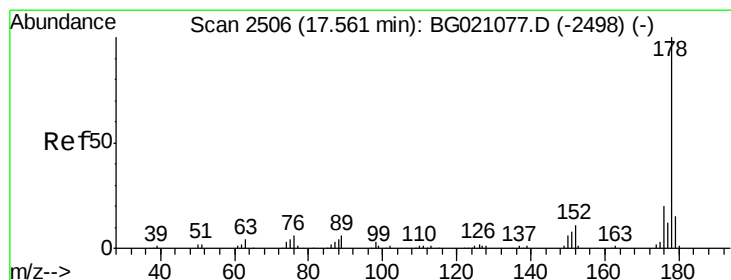
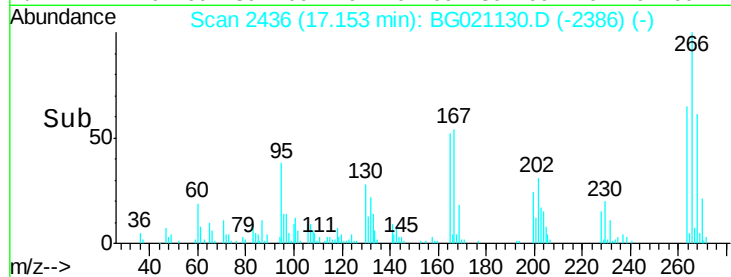
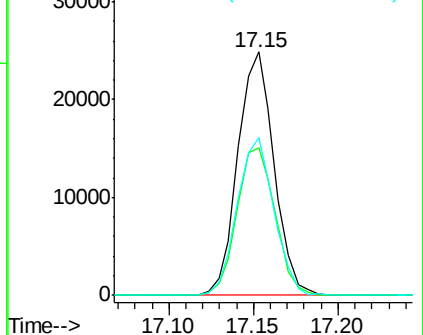
264 70.4 47.8 71.8



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: 46.36 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

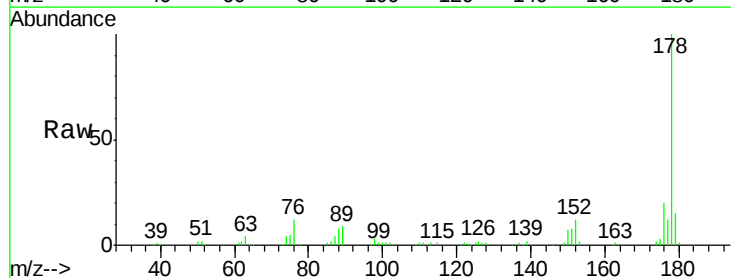
Tgt Ion:178 Resp: 137944

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

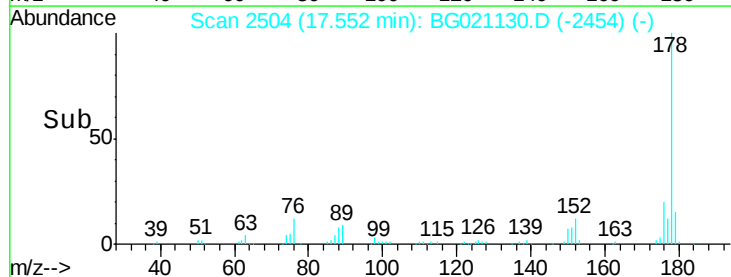
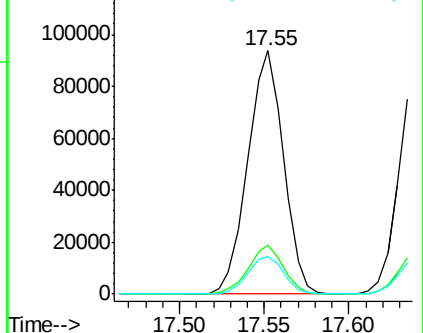
179 15.2 12.9 19.3

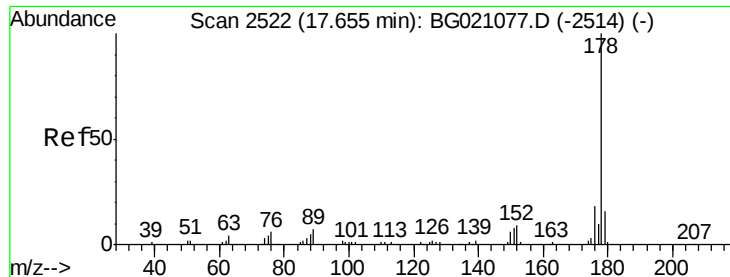


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

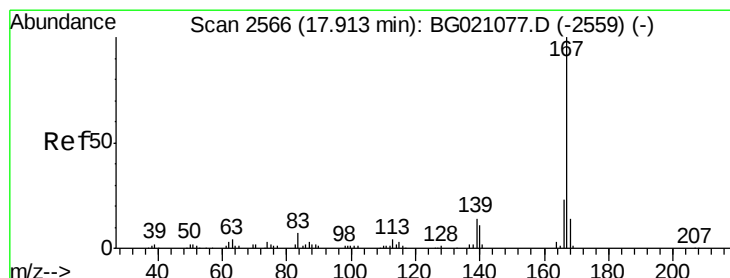
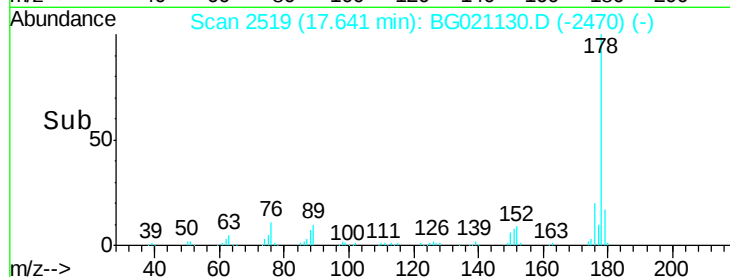
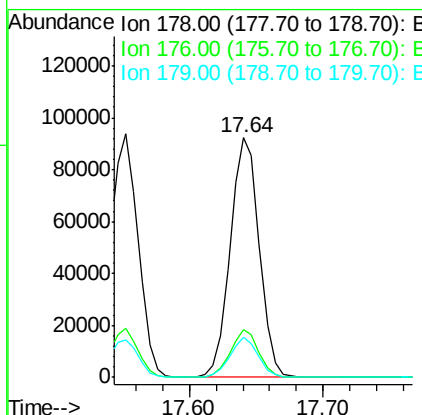
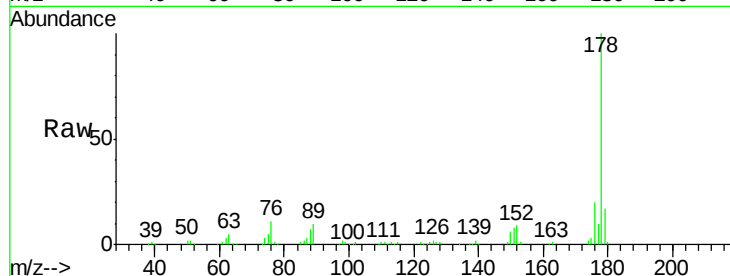




#71
 Anthracene
 Concen: 46.61 ng
 RT: 17.64 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

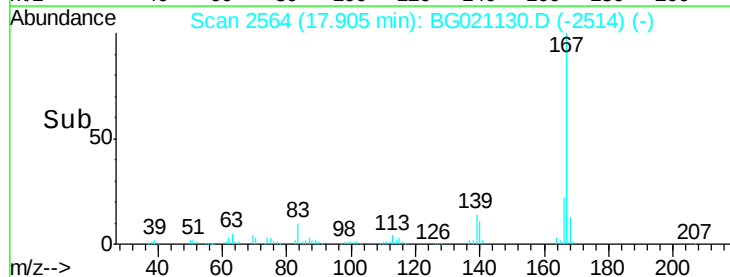
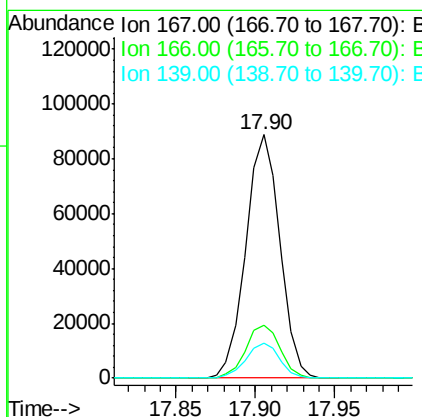
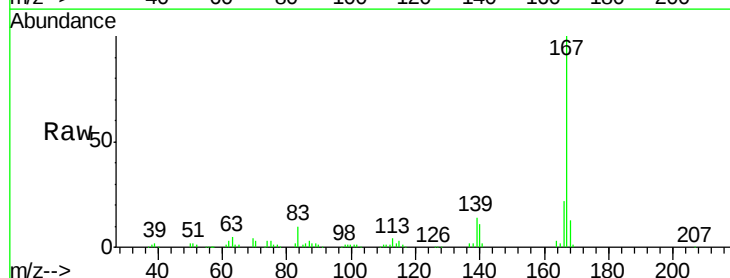
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

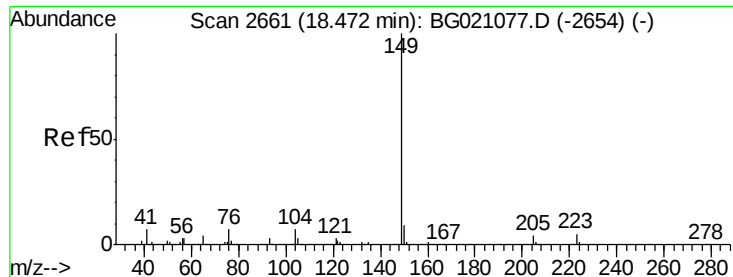
Tgt Ion:178 Resp: 139658
 Ion Ratio Lower Upper
 178 100
 176 20.2 14.8 22.2
 179 16.7 12.6 19.0



#72
 Carbazole
 Concen: 51.18 ng
 RT: 17.90 min Scan# 2564
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:167 Resp: 132411
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.5 10.3 15.5





#73

Di-n-butylphthalate

Concen: 50.91 ng

RT: 18.46 min Scan# 2658

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

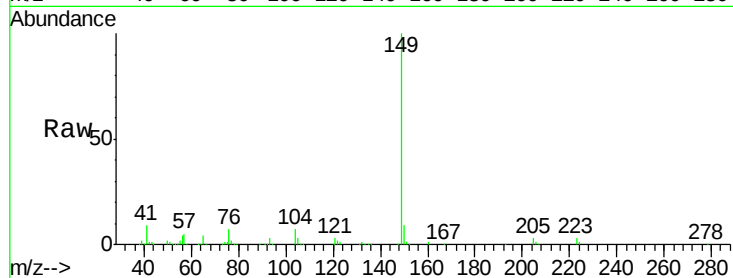
Tgt Ion:149 Resp: 173618

Ion Ratio Lower Upper

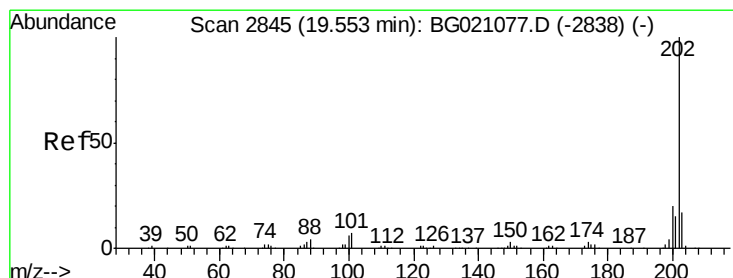
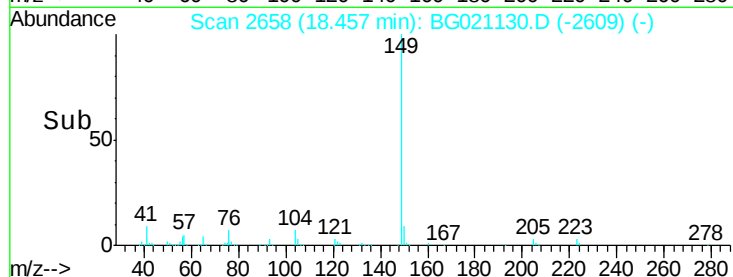
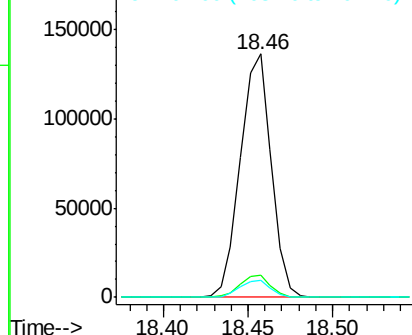
149 100

150 9.1 7.6 11.4

104 6.9 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.64 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

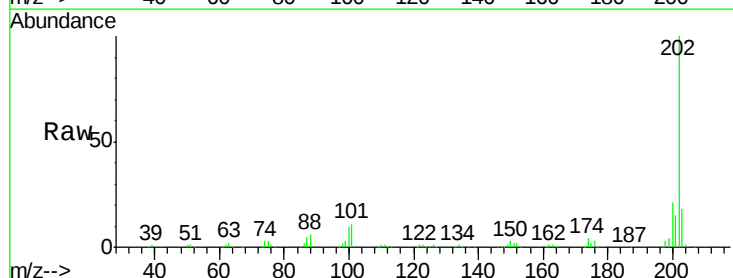
Tgt Ion:202 Resp: 170359

Ion Ratio Lower Upper

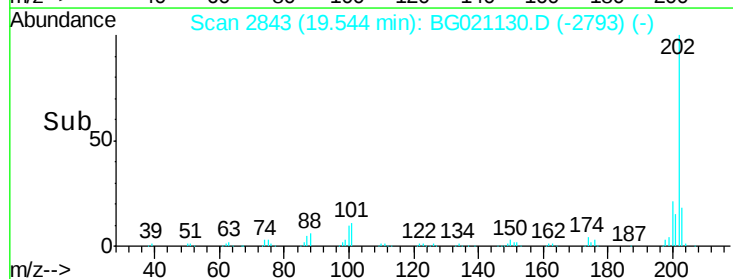
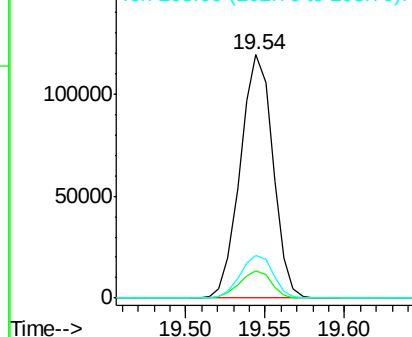
202 100

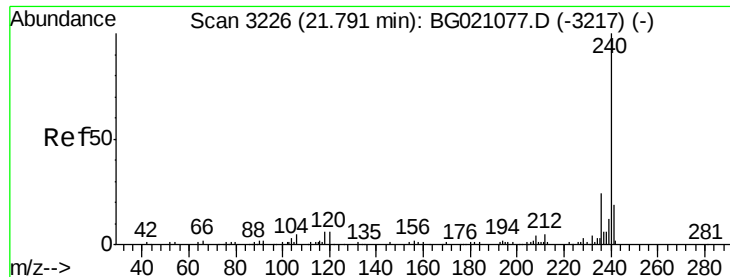
101 11.1 0.0 32.5

203 17.7 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

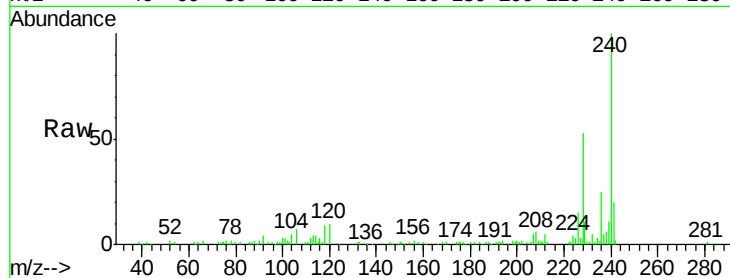
Tgt Ion:240 Resp: 61586

Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

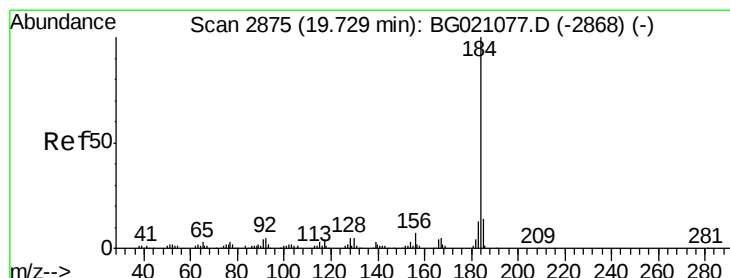
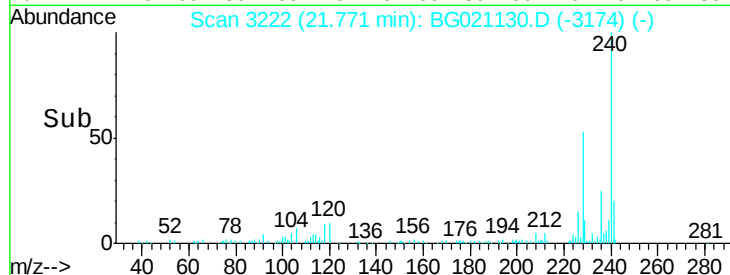
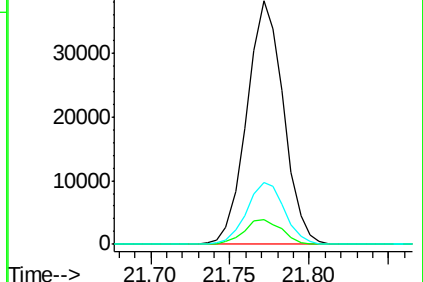
236 25.3 20.5 30.7



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: 47.20 ng

RT: 19.72 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

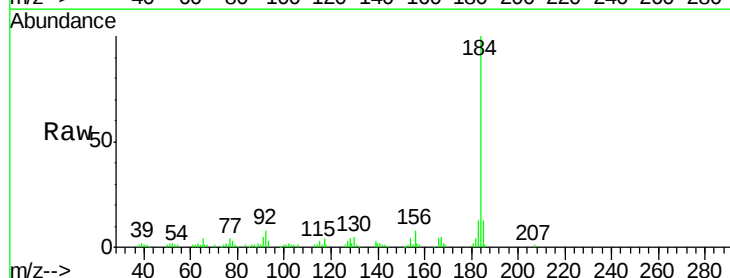
Tgt Ion:184 Resp: 76474

Ion Ratio Lower Upper

184 100

185 13.5 11.5 17.3

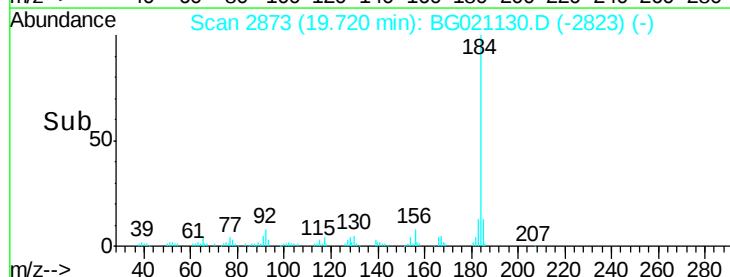
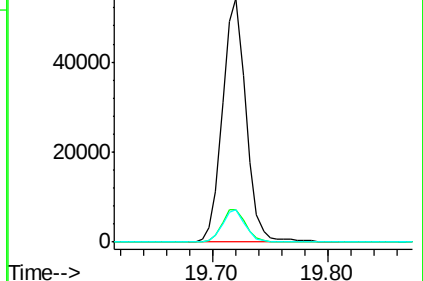
183 13.3 10.1 15.1

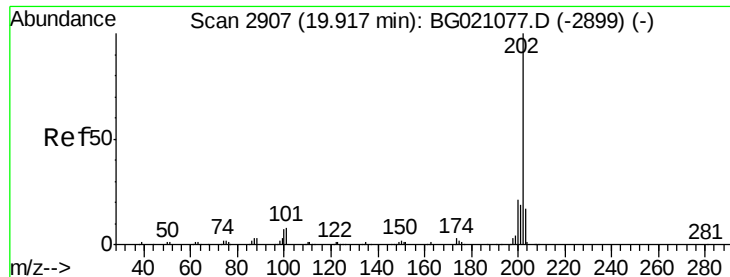


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

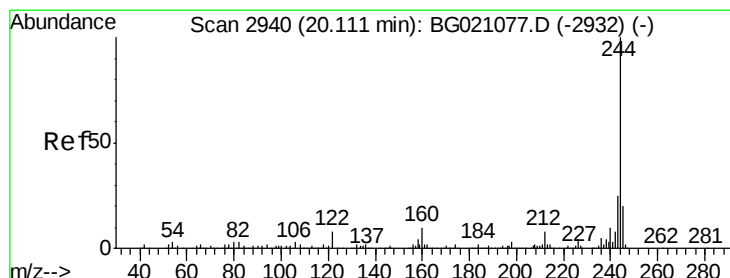
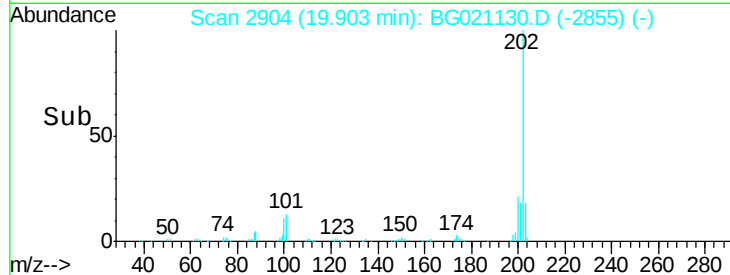
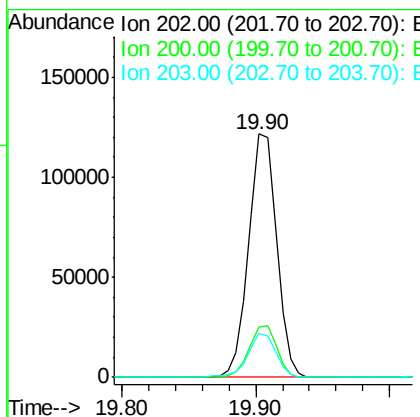
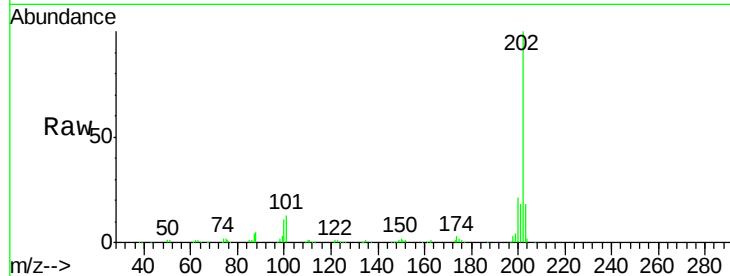




#77
 Pyrene
 Concen: 51.49 ng
 RT: 19.90 min Scan# 2904
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

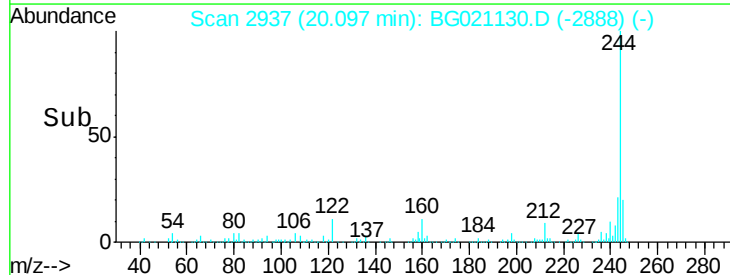
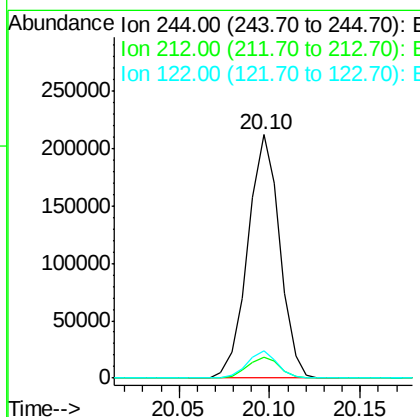
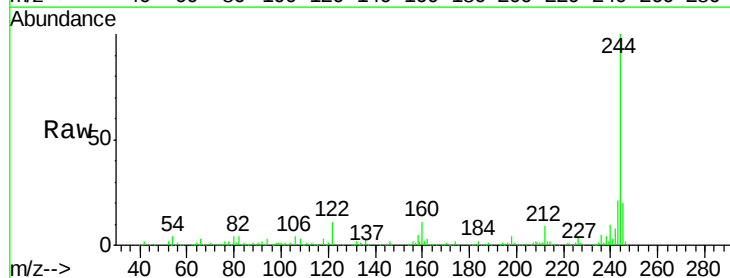
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

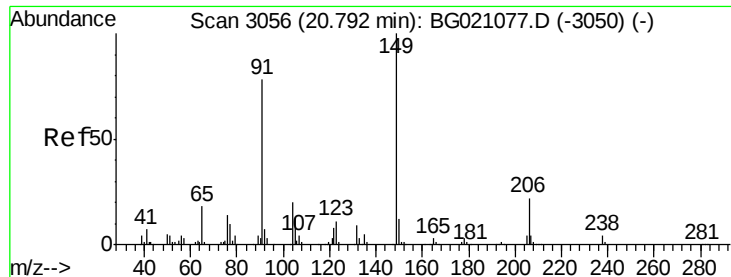
Tgt Ion:202 Resp: 175579
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.6 25.0
 203 17.8 13.8 20.8



#78
 Terphenyl-d14
 Concen: 98.32 ng
 RT: 20.10 min Scan# 2937
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:244 Resp: 259103
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.6#
 122 11.1 8.3 12.5

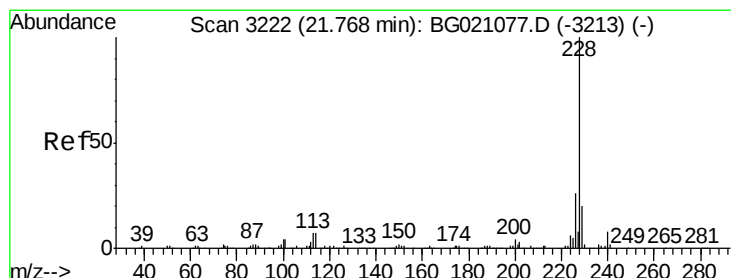
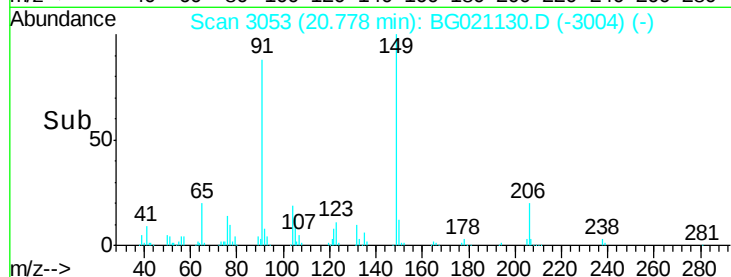
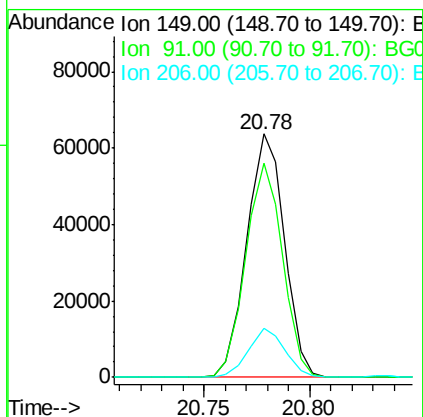
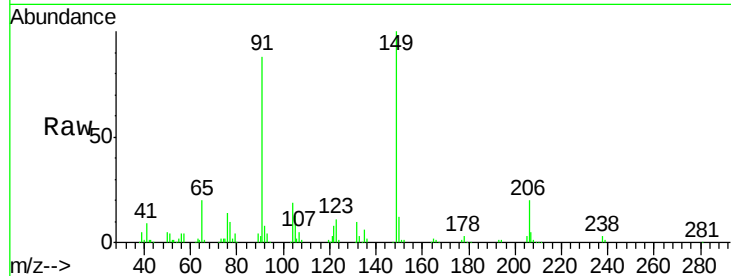




#79
Butylbenzylphthalate
Concen: 55.38 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

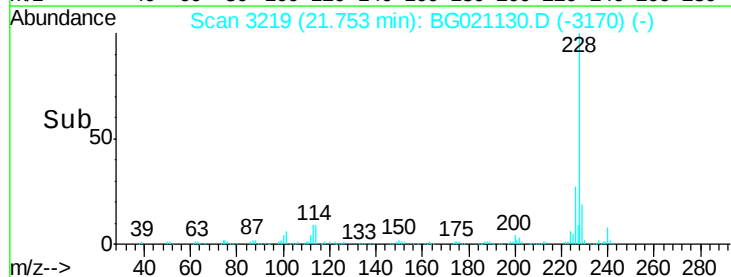
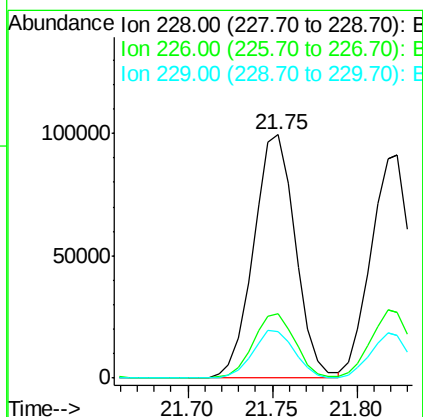
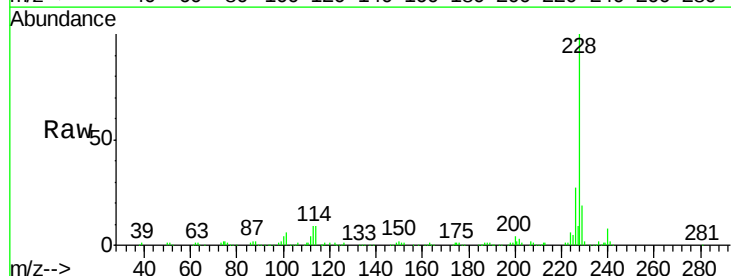
Instrument :
BNA_G
ClientSampleId :
PB88567BSD

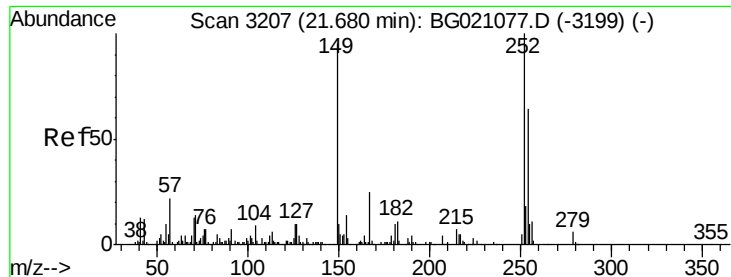
Tgt Ion:149 Resp: 78809
Ion Ratio Lower Upper
149 100
91 88.1 58.6 87.8#
206 20.4 14.2 21.4



#80
Benzo(a)anthracene
Concen: 48.31 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BG021130.D
Acq: 28 Feb 2016 00:55

Tgt Ion:228 Resp: 171195
Ion Ratio Lower Upper
228 100
226 26.7 22.7 34.1
229 18.9 15.5 23.3

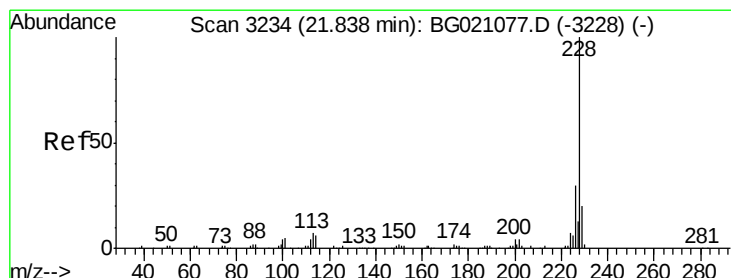
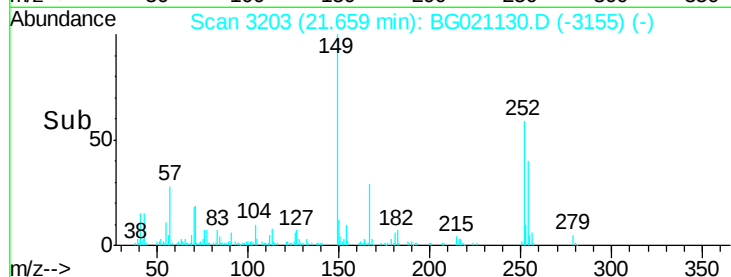
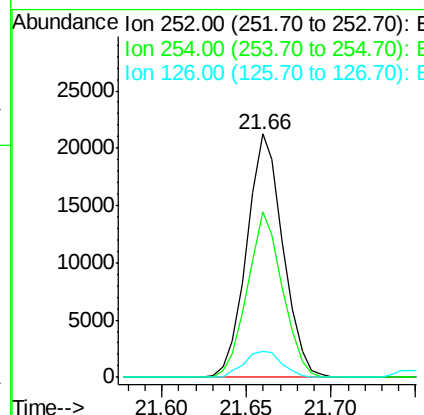
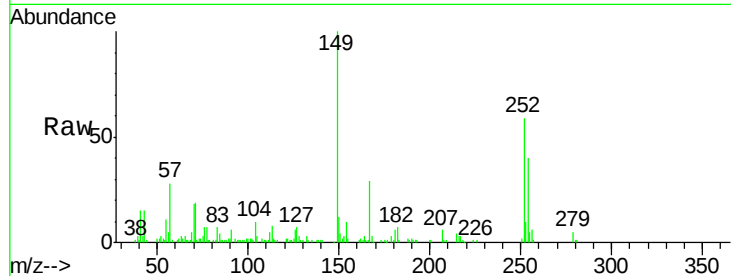




#81
 3,3'-Dichlorobenzidine
 Concen: 22.81 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.02 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

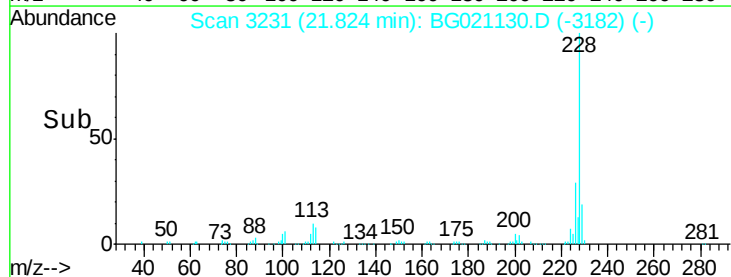
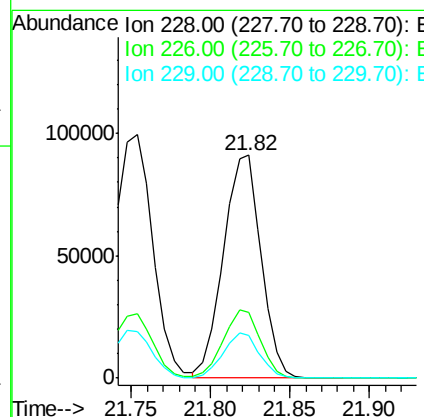
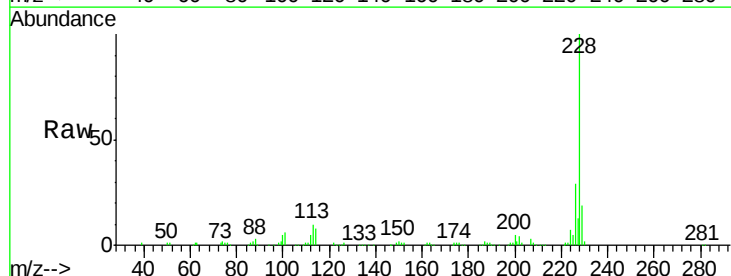
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

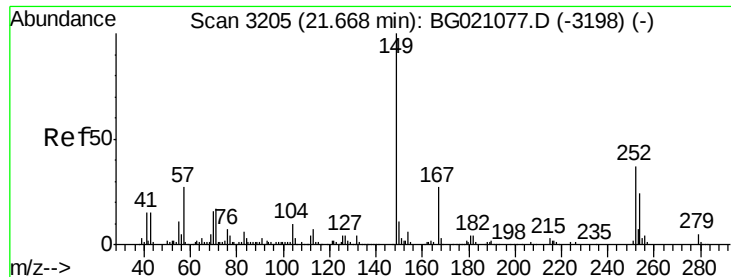
Tgt Ion:252 Resp: 31630
 Ion Ratio Lower Upper
 252 100
 254 68.1 52.6 79.0
 126 10.7 8.3 12.5



#82
 Chrysene
 Concen: 44.00 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.01 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion:228 Resp: 150167
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.7 35.5
 229 19.0 16.7 25.1

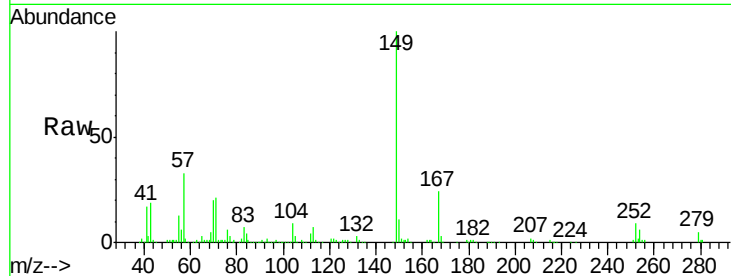




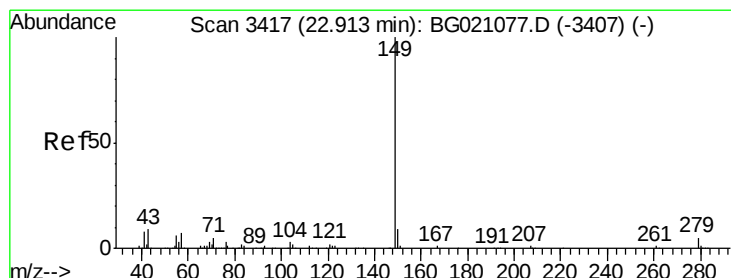
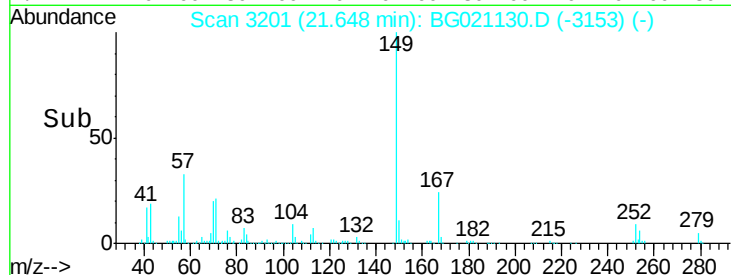
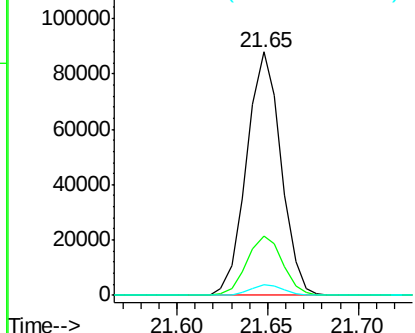
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.73 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.02 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.2	18.9	28.3
279	4.6	3.0	4.6#

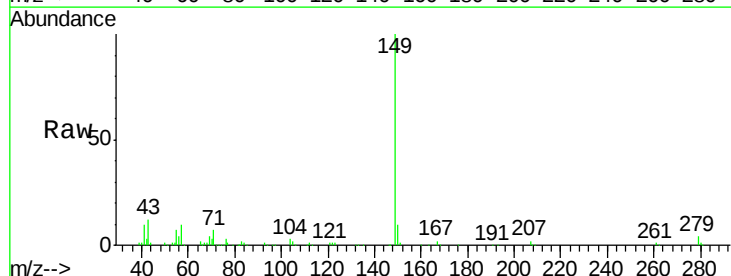


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

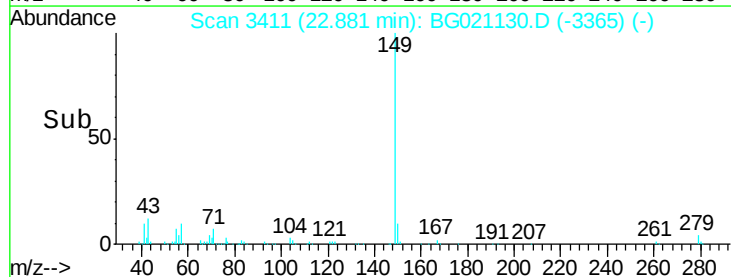
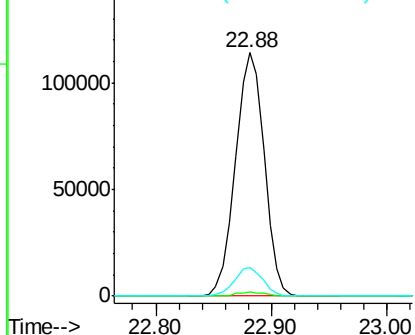


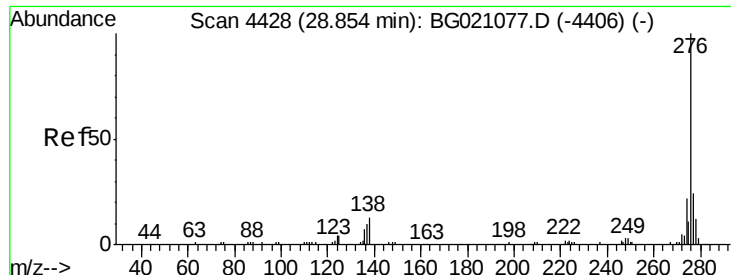
#84
 Di-n-octyl phthalate
 Concen: 53.42 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.03 min
 Lab File: BG021130.D
 Acq: 28 Feb 2016 00:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.6	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.81 ng

RT: 28.80 min Scan# 4419

Delta R.T. -0.05 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

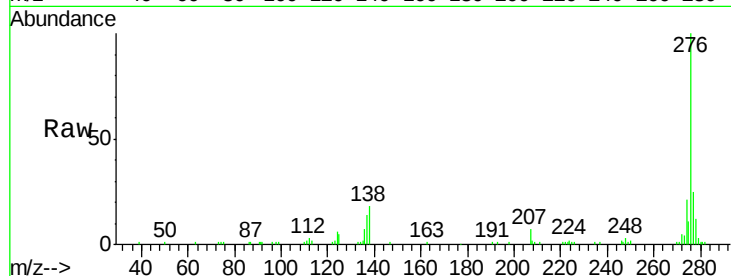
Tgt Ion:276 Resp: 176149

Ion Ratio Lower Upper

276 100

138 15.8 0.0 0.0#

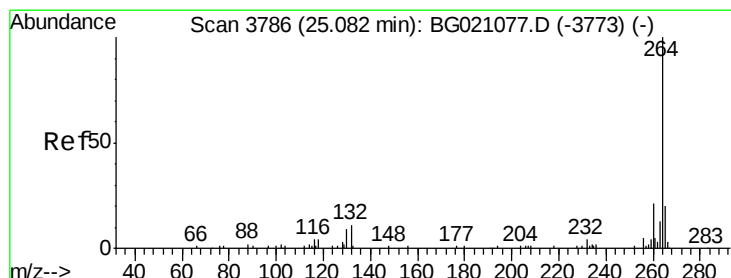
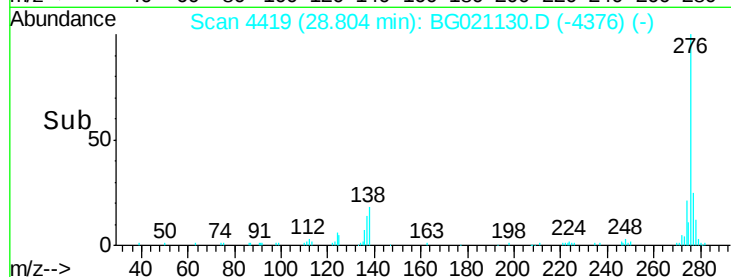
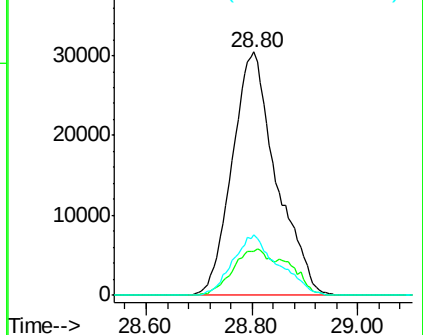
277 25.4 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3780

Delta R.T. -0.03 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

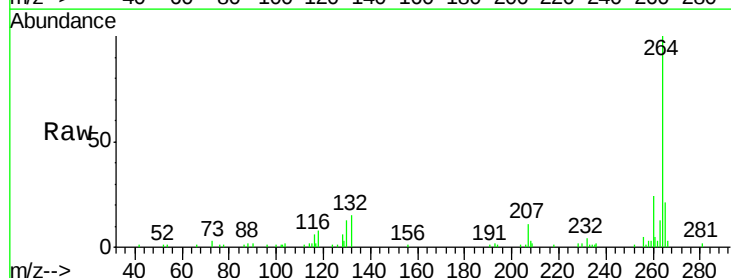
Tgt Ion:264 Resp: 55456

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

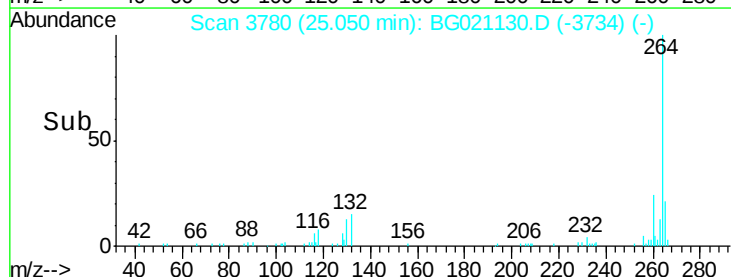
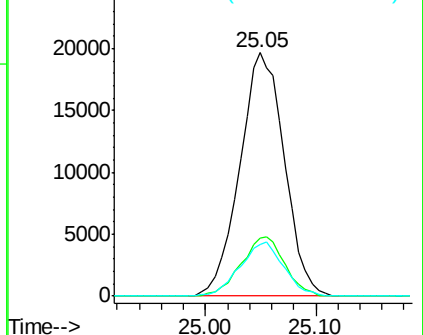
265 21.0 18.6 28.0

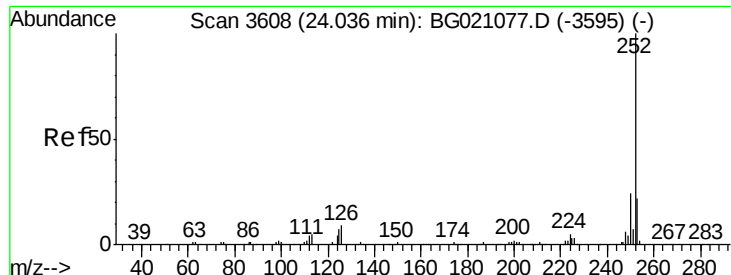


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.89 ng

RT: 24.01 min Scan# 3603

Delta R.T. -0.03 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

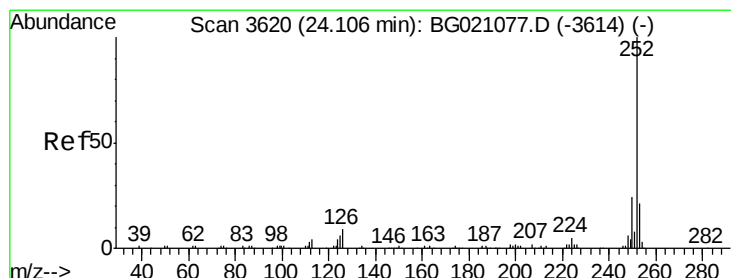
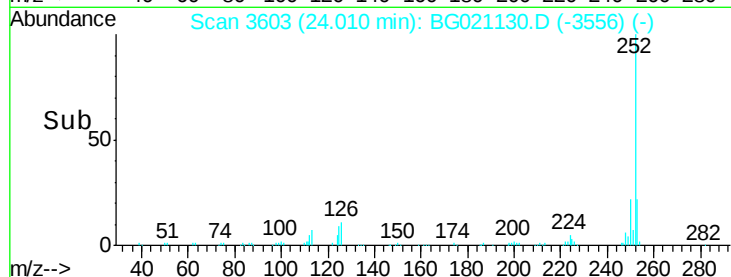
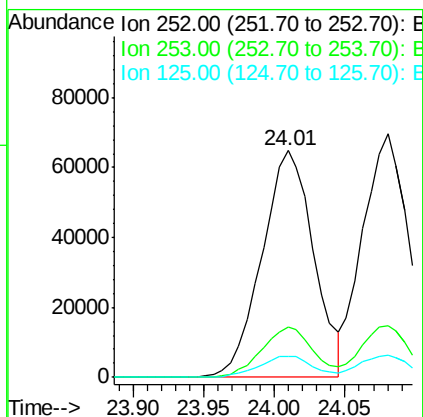
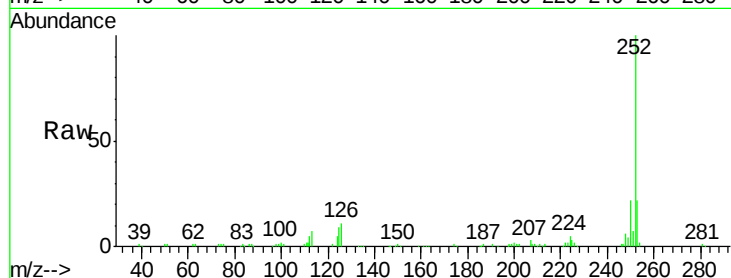
Instrument :

BNA_G

ClientSampleId :

PB88567BSD

Tgt Ion:	252	Resp:	166015
Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	9.1	8.2	12.2



#88

Benzo(k)fluoranthene

Concen: 46.45 ng

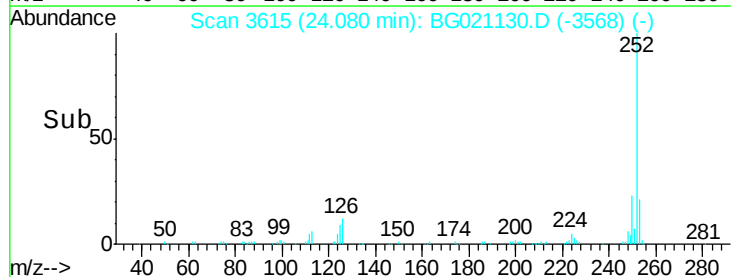
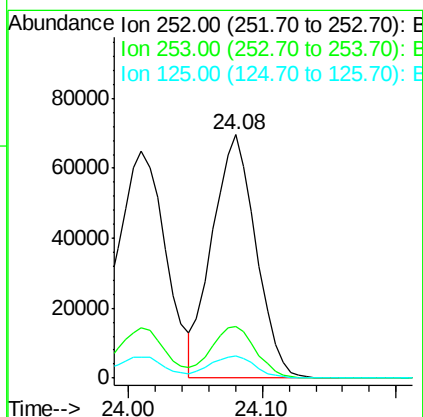
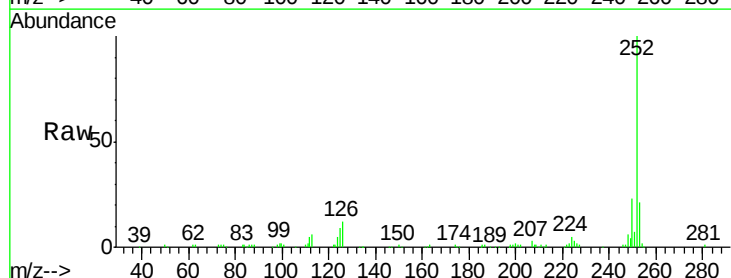
RT: 24.08 min Scan# 3615

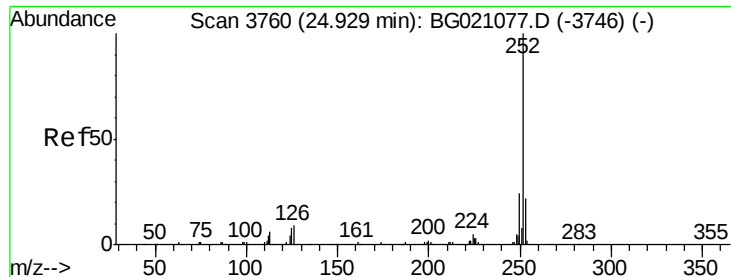
Delta R.T. -0.03 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Tgt Ion:	252	Resp:	158735
Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.4	24.6
125	9.3	8.2	12.2





#89

Benzo(a)pyrene

Concen: 47.41 ng

RT: 24.90 min Scan# 3754

Delta R.T. -0.03 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD

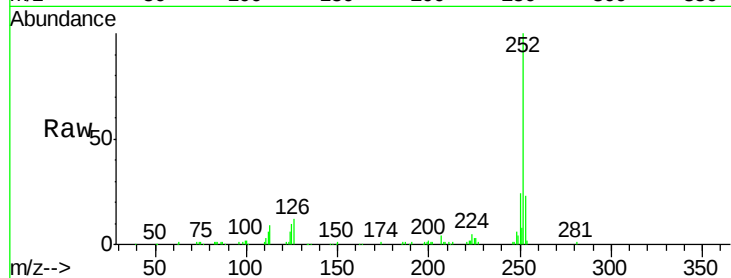
Tgt Ion:252 Resp: 157754

Ion Ratio Lower Upper

252 100

253 22.8 15.8 23.8

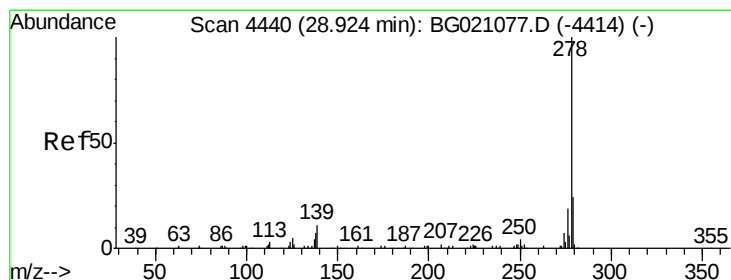
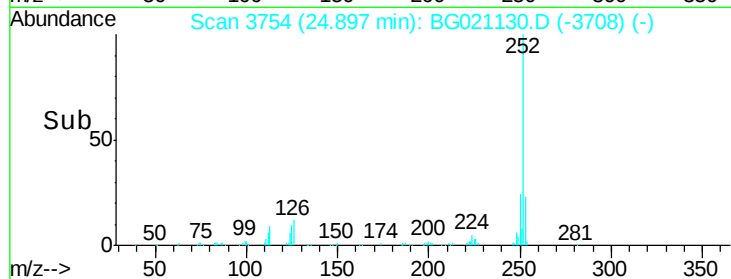
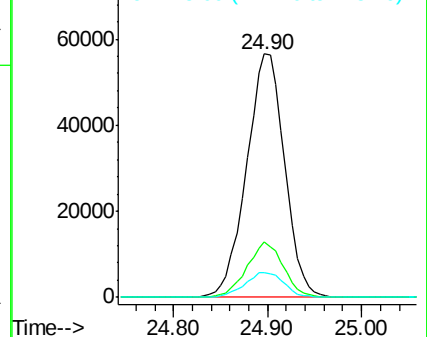
125 10.0 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.25 ng

RT: 28.86 min Scan# 4429

Delta R.T. -0.06 min

Lab File: BG021130.D

Acq: 28 Feb 2016 00:55

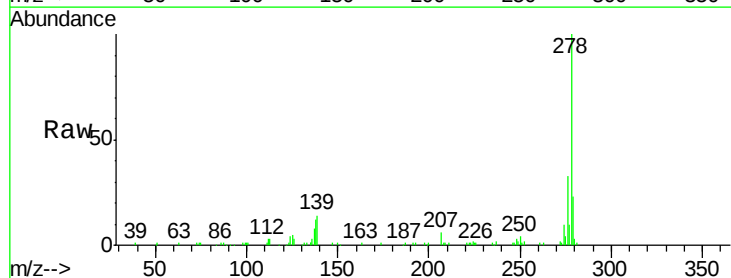
Tgt Ion:278 Resp: 148444

Ion Ratio Lower Upper

278 100

139 13.9 10.6 15.8

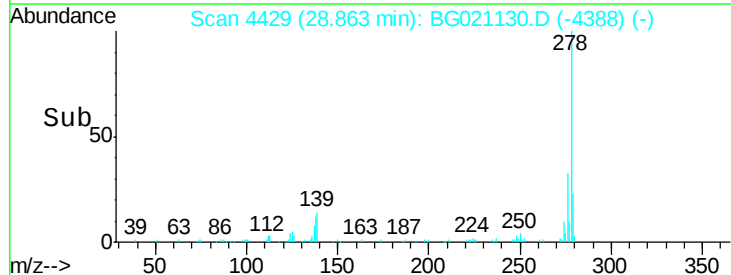
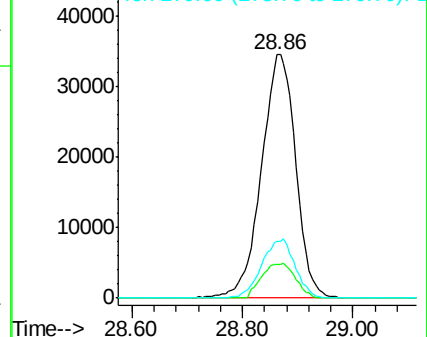
279 23.2 19.7 29.5

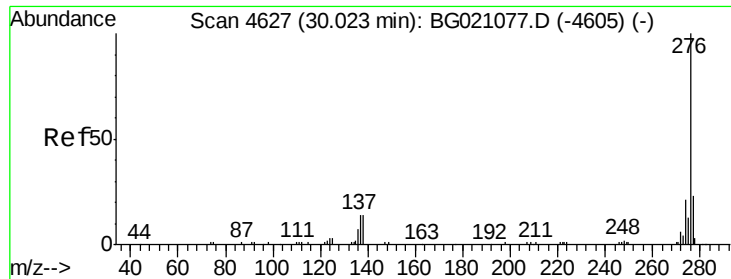


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.88 ng

RT: 29.98 min Scan# 4619

Delta R.T. -0.04 min

Lab File: BG021130.D

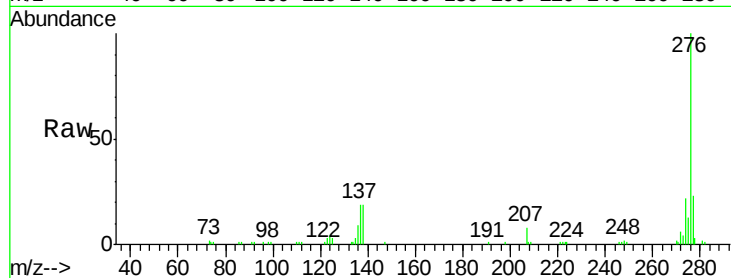
Acq: 28 Feb 2016 00:55

Instrument :

BNA_G

ClientSampleId :

PB88567BSD



Tgt Ion:	276	Resp:	141764
Ion	Ratio	Lower	Upper
276	100		
277	22.7	16.6	25.0
138	19.2	14.6	21.8

