

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021129.D
 Acq On : 28 Feb 2016 00:16
 Operator : UM/SJ
 Sample : PB88567BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

Quant Time: Feb 29 00:23:08 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	8.17	152	6838	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	32748	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	21355	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	53501	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	60333	20.00	ng	-0.02
86) Perylene-d12	25.05	264	54237	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	57517	147.26	ng	0.00
7) Phenol-d6	7.32	99	89366	153.76	ng	-0.01
23) Nitrobenzene-d5	9.33	82	61926	90.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	31716	113.28	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	125672	75.31	ng	-0.01
78) Terphenyl-d14	20.10	244	225367	87.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	6304	34.85	ng	# 86
3) Pyridine	4.01	79	19341	36.56	ng	95
4) n-Nitrosodimethylamine	3.93	42	10479	39.07	ng	96
6) Aniline	7.49	93	17225	23.96	ng	# 88
8) 2-Chlorophenol	7.73	128	22044	45.25	ng	89
9) Benzaldehyde	7.30	77	3663	11.64	ng	84
10) Phenol	7.34	94	31660	53.17	ng	79
11) bis(2-Chloroethyl)ether	7.58	93	20230	44.33	ng	89
12) 1,3-Dichlorobenzene	8.06	146	20309	39.17	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	20701	37.38	ng	99
14) 1,2-Dichlorobenzene	8.52	146	20844	39.75	ng	95
15) Benzyl Alcohol	8.40	79	25625	50.47	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	30577	58.43	ng	90
17) 2-Methylphenol	8.60	107	21096	50.20	ng	# 86
18) Hexachloroethane	9.25	117	8581	40.96	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	22019	49.11	ng	96
20) 3+4-Methylphenols	8.93	107	30077	51.62	ng	91
22) Acetophenone	8.98	105	34667	38.35	ng	# 92
24) Nitrobenzene	9.37	77	31909	44.94	ng	# 86
25) Isophorone	9.89	82	58553	45.45	ng	# 94
26) 2-Nitrophenol	10.08	139	11620	38.71	ng	# 60
27) 2,4-Dimethylphenol	10.13	122	24505	46.28	ng	89
28) bis(2-Chloroethoxy)methane	10.37	93	30056	47.87	ng	95
29) 2,4-Dichlorophenol	10.61	162	22611	43.62	ng	96
30) 1,2,4-Trichlorobenzene	10.83	180	20991	35.73	ng	95
31) Naphthalene	11.03	128	67964	40.40	ng	99
32) Benzoic acid	10.25	122	18272	37.58	ng	# 75
33) 4-Chloroaniline	11.13	127	6758	9.62	ng	# 87
34) Hexachlorobutadiene	11.30	225	12891	32.79	ng	95
35) Caprolactam	11.90	113	5604	31.99	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	30290	47.67	ng	86
37) 2-Methylnaphthalene	12.62	142	50054	42.37	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	25388	32.17	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	35925	69.23	ng	98

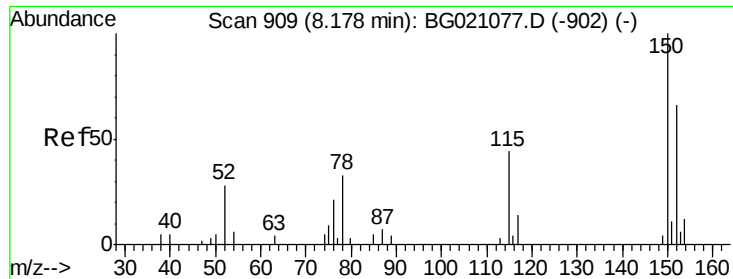
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021129.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	21098	42.63	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	22684	44.61	ng	92
45) 1,1'-Biphenyl	13.61	154	67978	37.80	ng	97
46) 2-Chloronaphthalene	13.66	162	52392	38.40	ng	95
47) 2-Nitroaniline	13.85	65	24667	55.79	ng	# 74
48) Acenaphthylene	14.50	152	88590	41.04	ng	98
49) Dimethylphthalate	14.22	163	76612	41.63	ng	# 99
50) 2,6-Dinitrotoluene	14.34	165	16827	44.44	ng	# 67
51) Acenaphthene	14.84	154	54594	37.07	ng	99
52) 3-Nitroaniline	14.67	138	7008	19.02	ng	# 61
53) 2,4-Dinitrophenol	14.87	184	22334	84.60	ng	# 78
54) Dibenzofuran	15.17	168	85442	45.80	ng	93
55) 4-Nitrophenol	14.97	139	32966	100.88	ng	# 60
56) 2,4-Dinitrotoluene	15.12	165	24661	45.42	ng	# 77
57) Fluorene	15.82	166	76933	42.39	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.39	232	19868	44.96	ng	# 95
59) Diethylphthalate	15.58	149	85263	43.95	ng	99
60) 4-Chlorophenyl-phenylether	15.81	204	38014	38.08	ng	97
61) 4-Nitroaniline	15.83	138	19896	47.42	ng	# 52
62) Azobenzene	16.09	77	95465	56.80	ng	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	15533	39.58	ng	92
65) n-Nitrosodiphenylamine	16.02	169	69552	44.06	ng	93
66) 4-Bromophenyl-phenylether	16.70	248	23738	37.69	ng	# 90
67) Hexachlorobenzene	16.81	284	23300	35.06	ng	# 89
68) Atrazine	16.96	200	27615	47.22	ng	98
69) Pentachlorophenol	17.15	266	34192	76.22	ng	90
70) Phenanthrene	17.55	178	125326	43.54	ng	100
71) Anthracene	17.64	178	126665	43.69	ng	99
72) Carbazole	17.91	167	118734	47.44	ng	97
73) Di-n-butylphthalate	18.46	149	156792	47.52	ng	# 97
74) Fluoranthene	19.54	202	153940	42.63	ng	98
76) Benzidine	19.72	184	31975	20.14	ng	100
77) Pyrene	19.91	202	160448	48.03	ng	99
79) Butylbenzylphthalate	20.78	149	72892	52.28	ng	90
80) Benzo(a)anthracene	21.75	228	153745	44.29	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	18392	13.54	ng	96
82) Chrysene	21.82	228	138714	41.49	ng	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	103138	47.90	ng	99
84) Di-n-octyl phthalate	22.89	149	180481	50.02	ng	98
85) Indeno(1,2,3-cd)pyrene	28.81	276	159439	39.55	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	150869	44.50	ng	99
88) Benzo(k)fluoranthene	24.08	252	146865	43.95	ng	98
89) Benzo(a)pyrene	24.90	252	144564	44.42	ng	96
90) Dibenzo(a,h)anthracene	28.87	278	138227	42.13	ng	98
91) Benzo(g,h,i)perylene	29.98	276	131258	41.54	ng	96

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

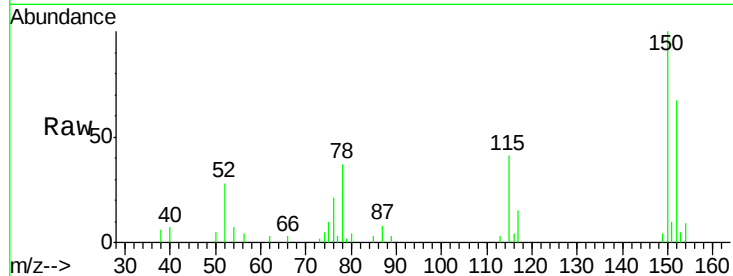


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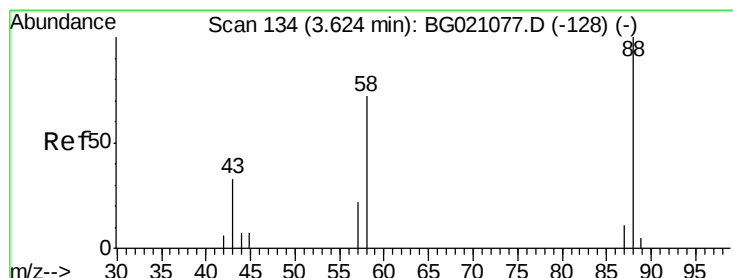
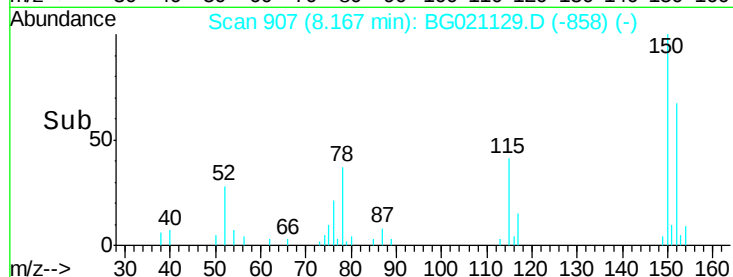
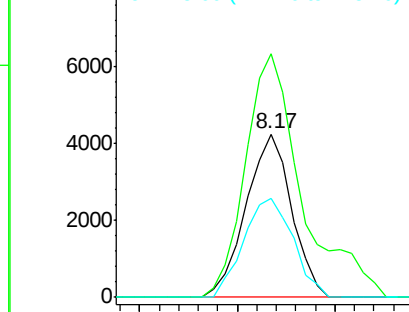
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Instrument :
BNA_G
ClientSampleId :
PB88567BS

Tgt Ion:152 Resp: 6838
Ion Ratio Lower Upper
152 100
150 149.3 123.4 185.2
115 61.0 43.3 64.9



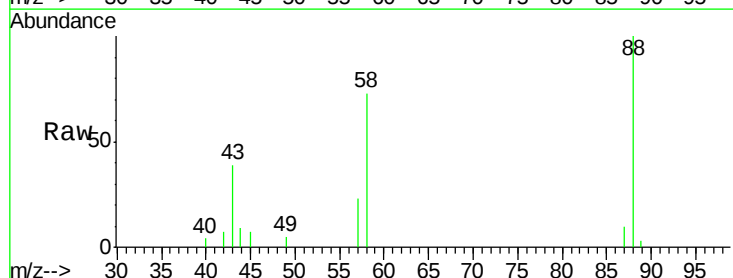
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



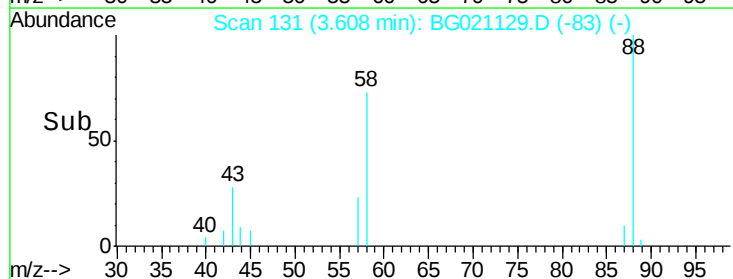
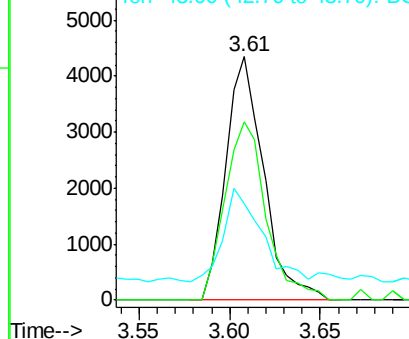
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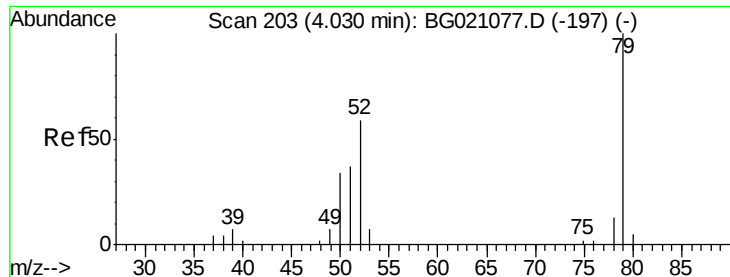
1,4-Dioxane
Concen: 34.85 ng
RT: 3.61 min Scan# 131
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion: 88 Resp: 6304
Ion Ratio Lower Upper
88 100
58 79.7 55.9 83.9
43 38.7 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: 36.56 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

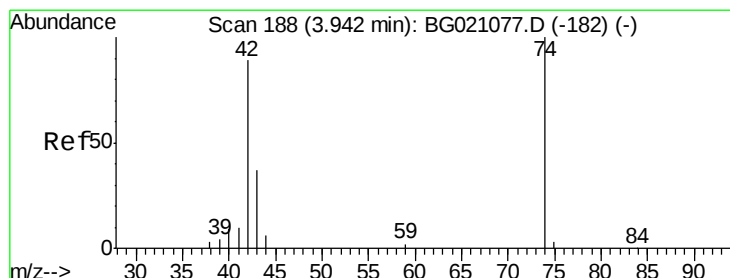
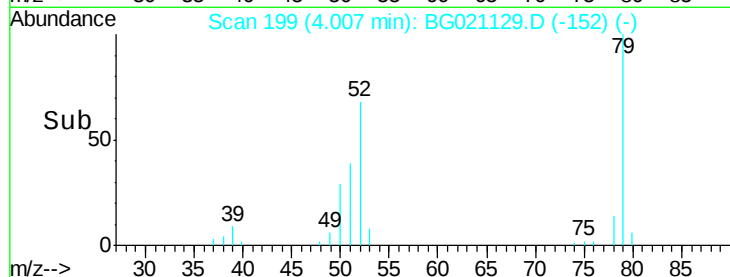
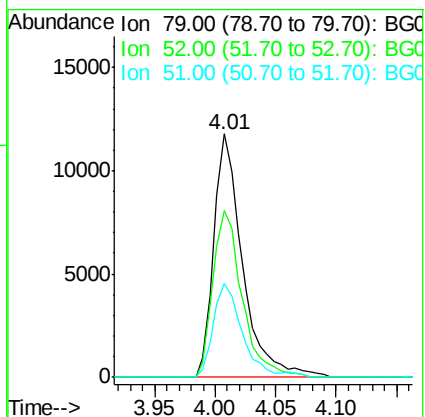
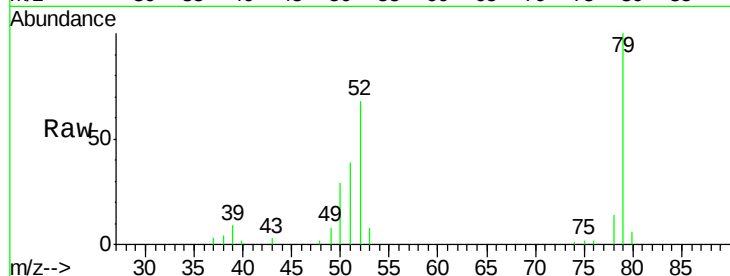
Tgt Ion: 79 Resp: 19341

Ion Ratio Lower Upper

79 100

52 68.4 53.2 79.8

51 38.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 39.07 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

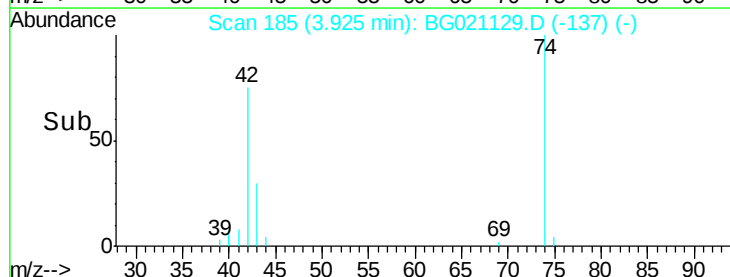
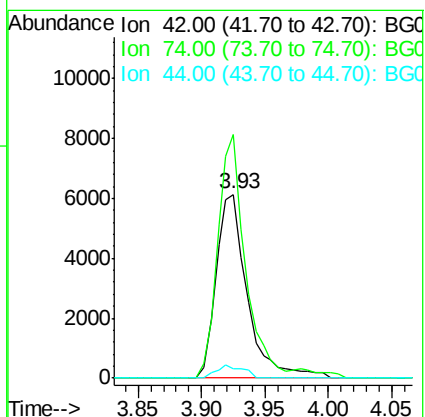
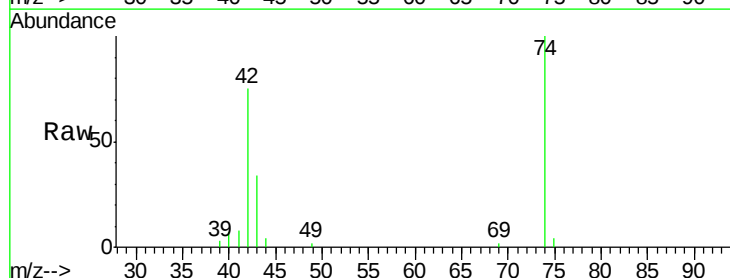
Tgt Ion: 42 Resp: 10479

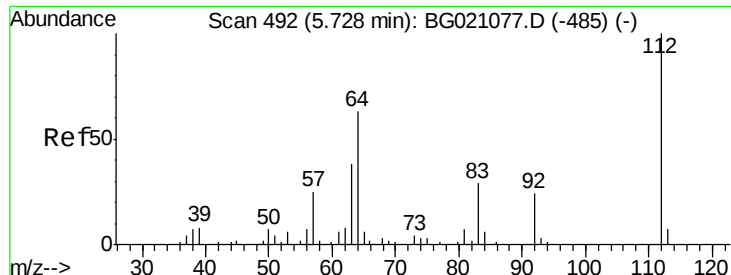
Ion Ratio Lower Upper

42 100

74 132.7 102.3 153.5

44 5.4 4.8 7.2





#5

2-Fluorophenol

Concen: 147.26 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

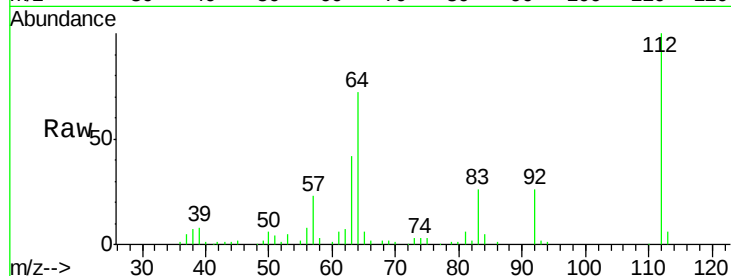
BNA_G

ClientSampleId :

PB88567BS

Tgt Ion: 112 Resp: 57517

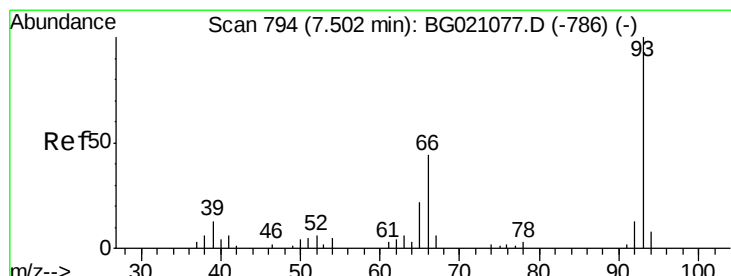
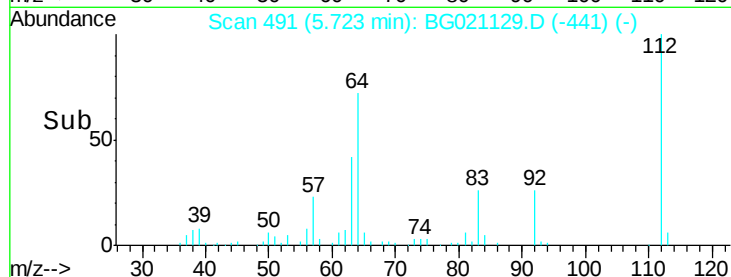
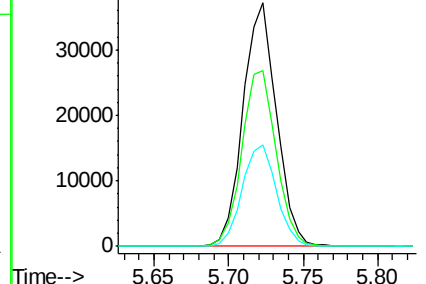
Ion	Ratio	Lower	Upper
112	100		
64	72.1	42.6	63.8#
63	41.5	21.7	32.5#



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: 23.96 ng

RT: 7.49 min Scan# 791

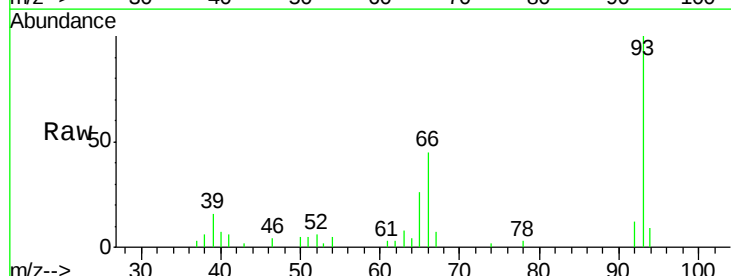
Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Tgt Ion: 93 Resp: 17225

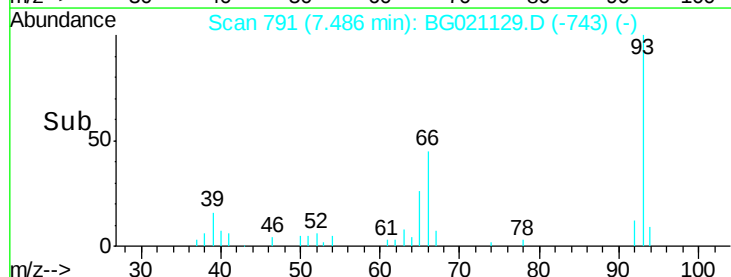
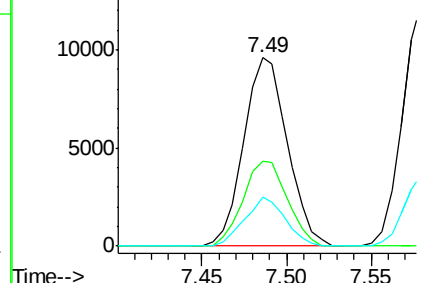
Ion	Ratio	Lower	Upper
93	100		
66	45.3	30.1	45.1#
65	26.2	16.6	24.8#

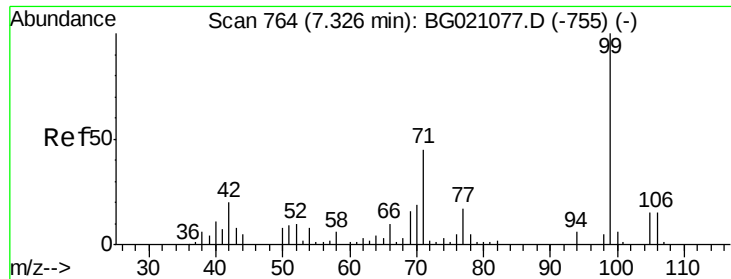


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.76 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

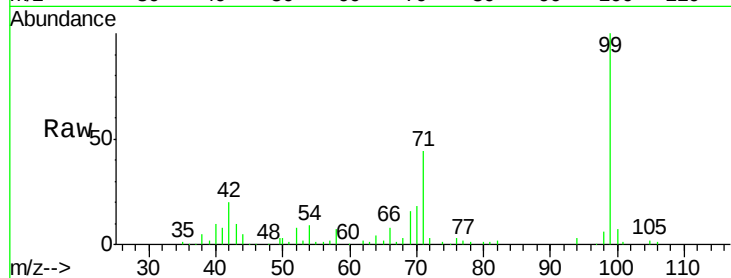
Tgt Ion: 99 Resp: 89366

Ion Ratio Lower Upper

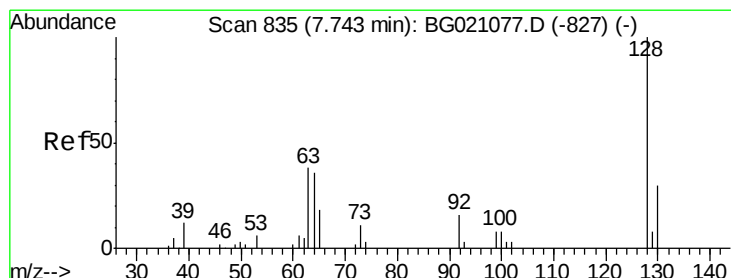
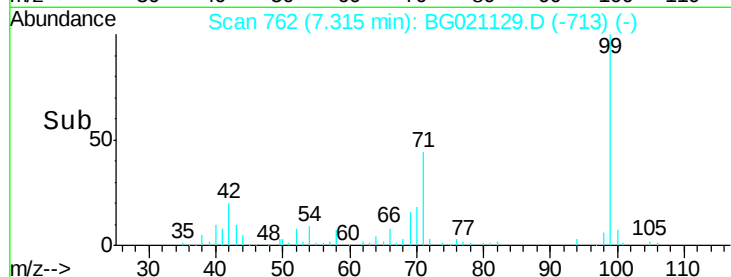
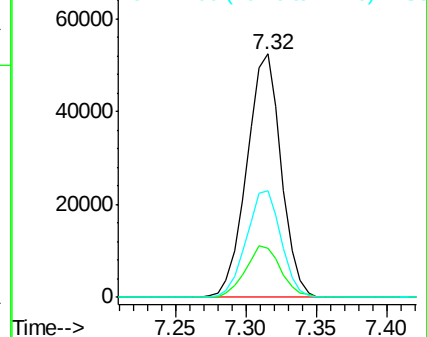
99 100

42 20.1 13.2 19.8#

71 43.9 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: 45.25 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

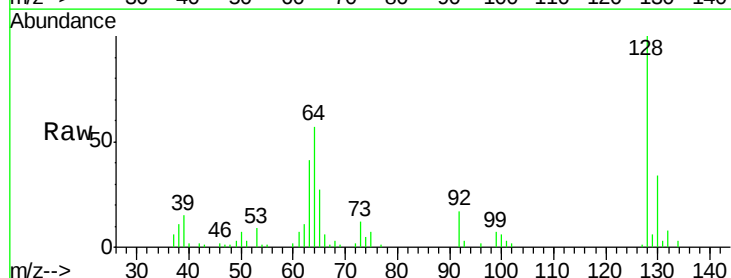
Tgt Ion: 128 Resp: 22044

Ion Ratio Lower Upper

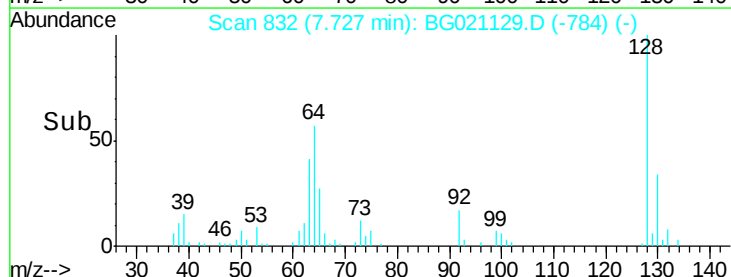
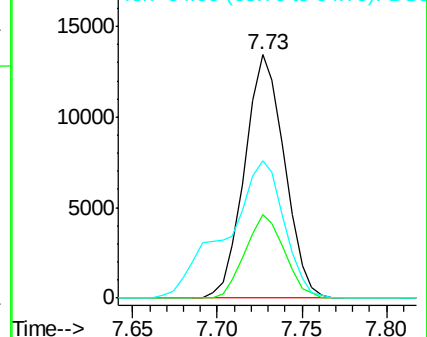
128 100

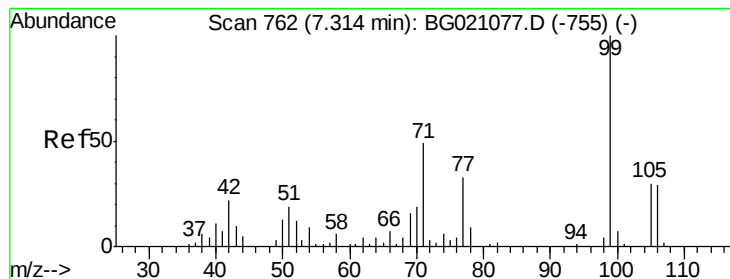
130 34.2 11.9 51.9

64 56.5 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: 11.64 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

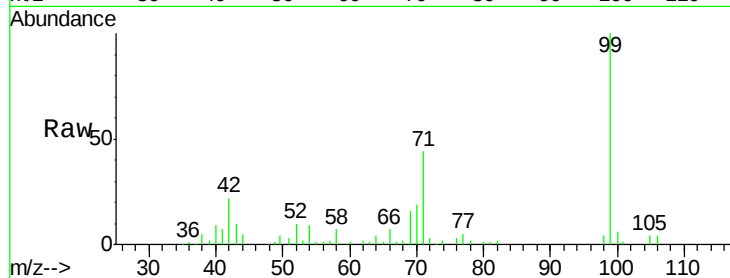
Tgt Ion: 77 Resp: 3663

Ion Ratio Lower Upper

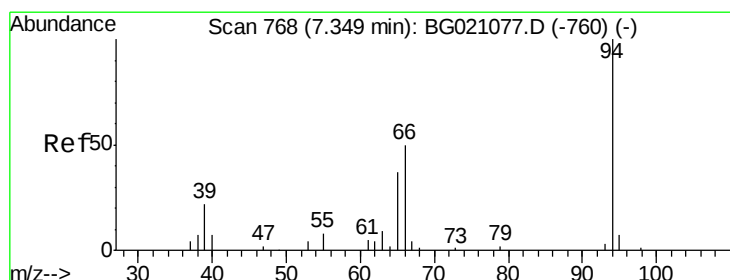
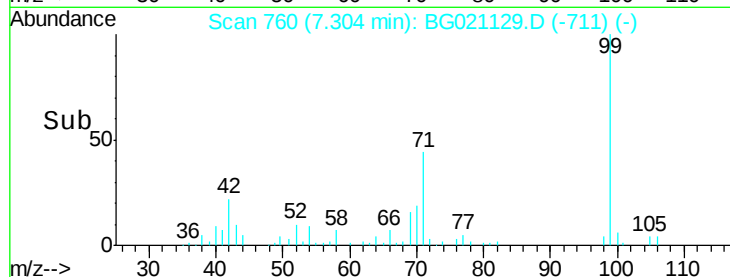
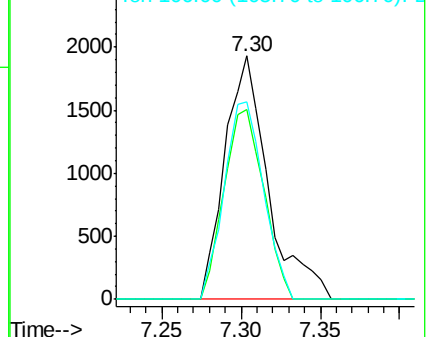
77 100

105 78.1 77.4 117.4

106 81.1 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: 53.17 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

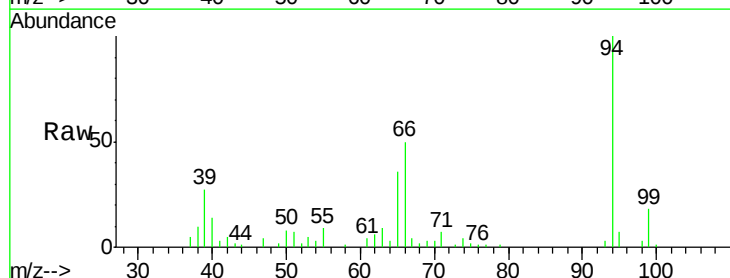
Tgt Ion: 94 Resp: 31660

Ion Ratio Lower Upper

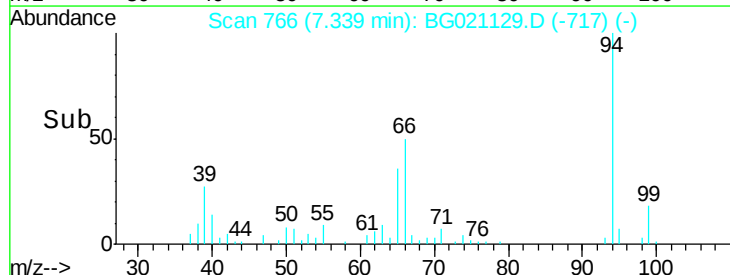
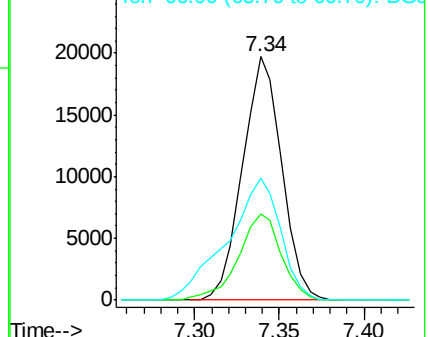
94 100

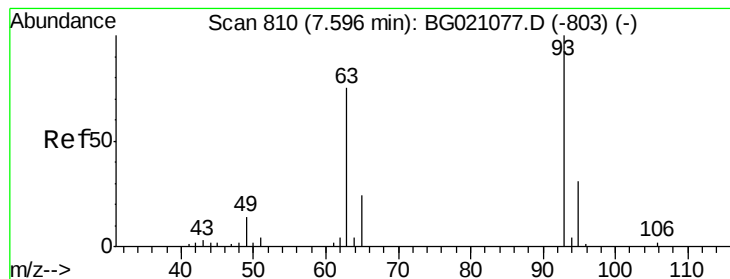
65 35.7 7.2 47.2

66 50.2 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: 44.33 ng

RT: 7.58 min Scan# 807

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

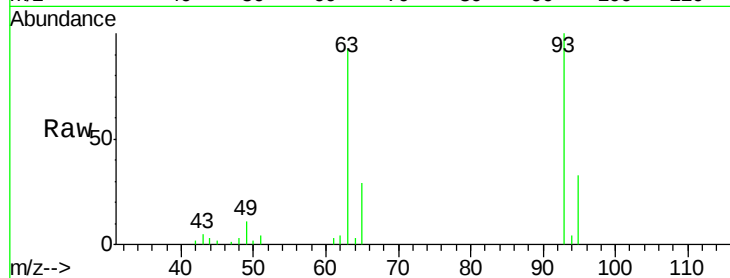
Tgt Ion: 93 Resp: 20230

Ion Ratio Lower Upper

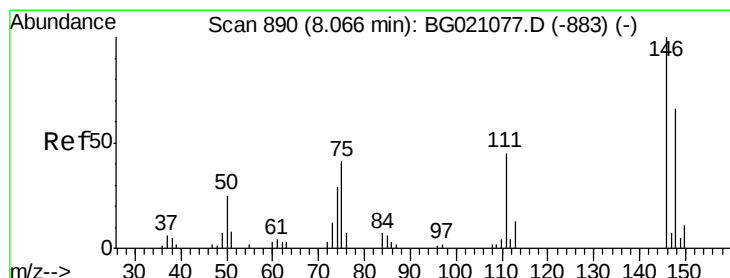
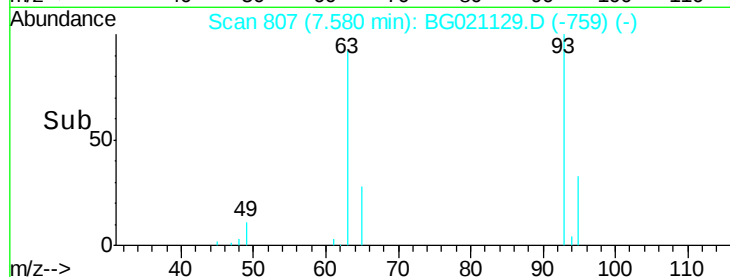
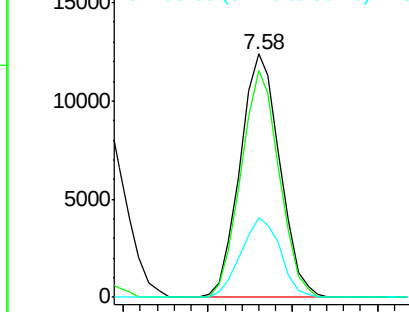
93 100

63 93.1 60.5 100.5

95 32.8 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: 39.17 ng

RT: 8.06 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

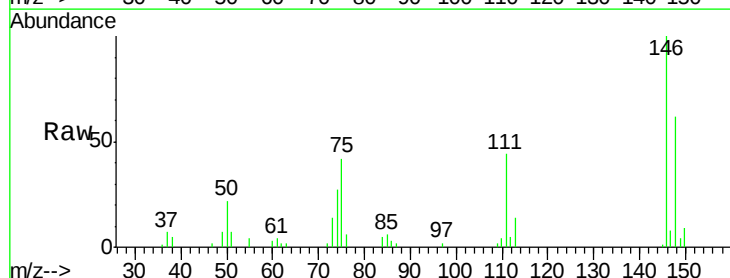
Tgt Ion: 146 Resp: 20309

Ion Ratio Lower Upper

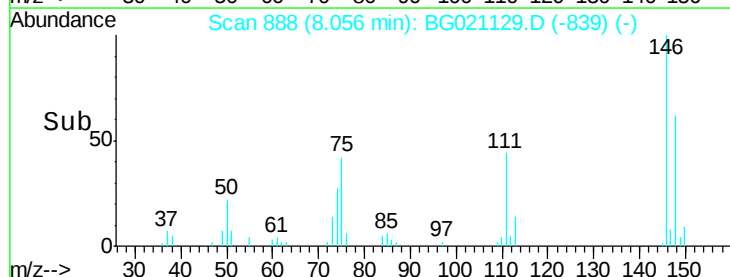
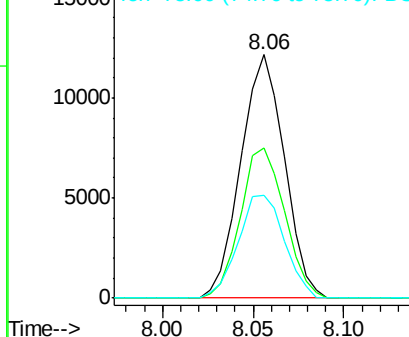
146 100

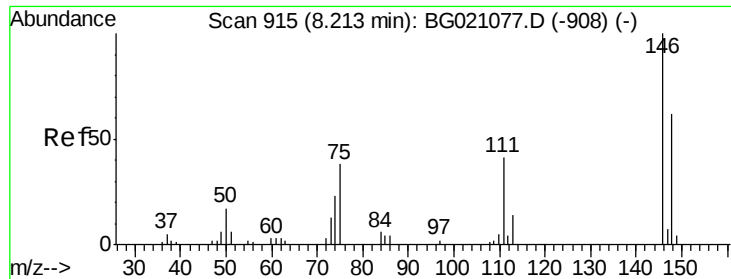
148 61.7 52.6 78.8

75 42.2 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

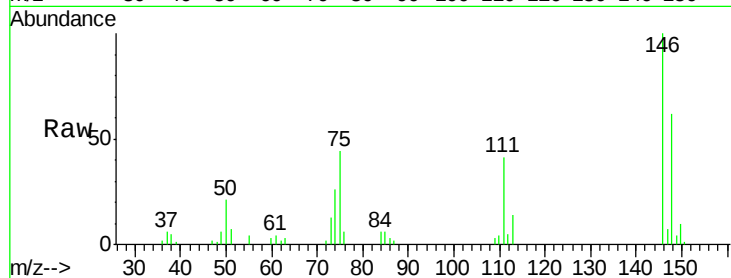




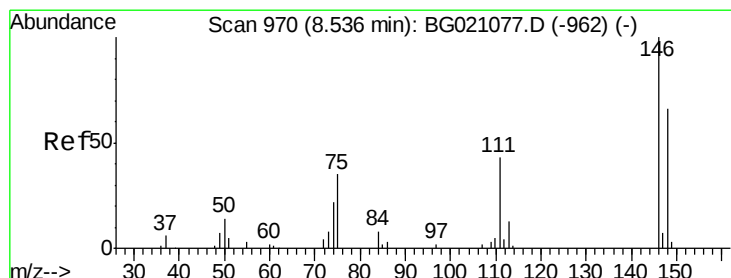
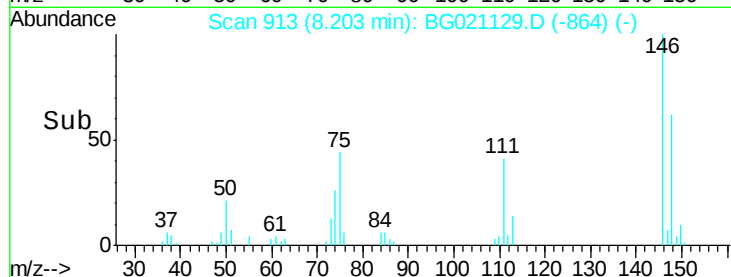
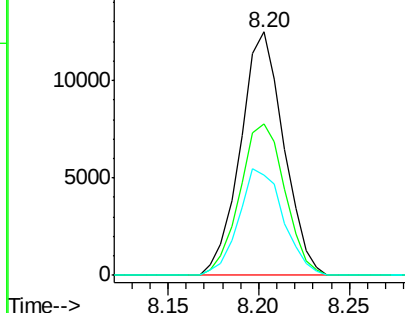
#13
 1,4-Dichlorobenzene
 Concen: 37.38 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

Tgt Ion:146 Resp: 20701
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.2 75.4
 111 41.3 31.9 47.9

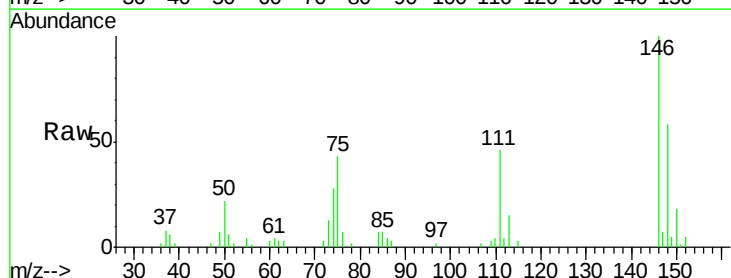


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

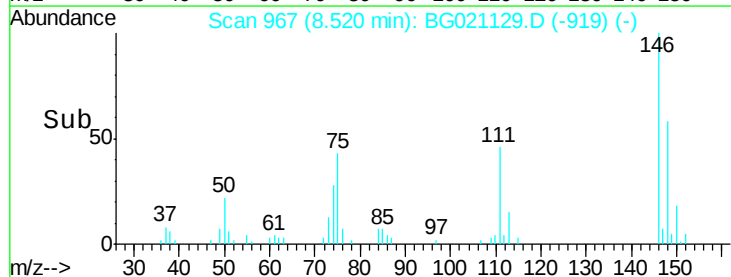
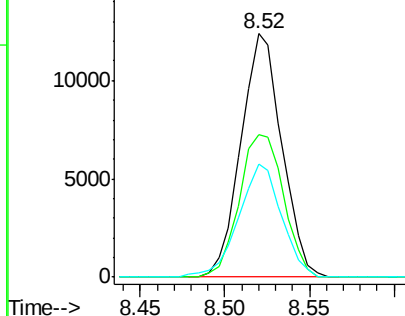


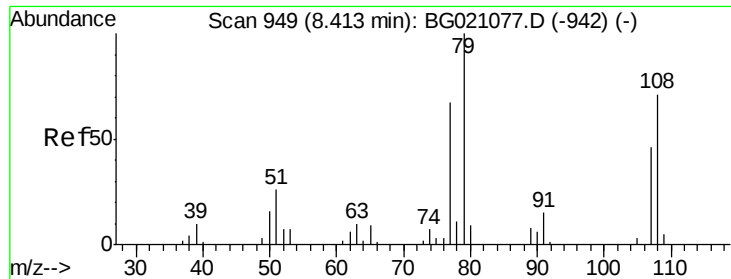
#14
 1,2-Dichlorobenzene
 Concen: 39.75 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:146 Resp: 20844
 Ion Ratio Lower Upper
 146 100
 148 58.4 50.5 75.7
 111 46.3 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: 50.47 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

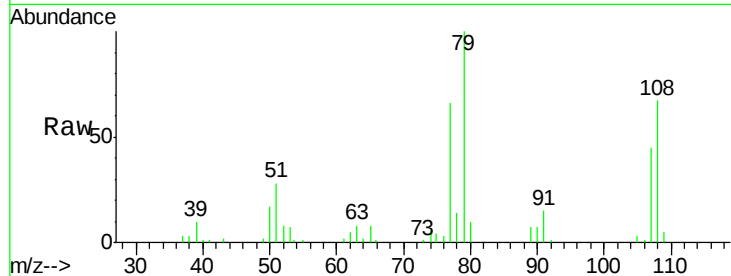
Tgt Ion: 79 Resp: 25625

Ion Ratio Lower Upper

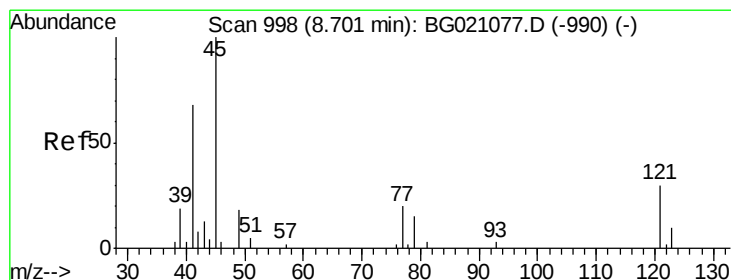
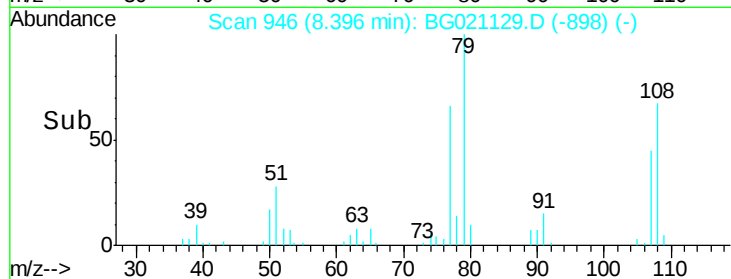
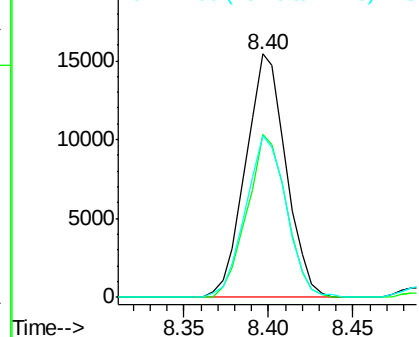
79 100

108 66.7 65.1 97.7

77 66.2 53.8 80.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.43 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

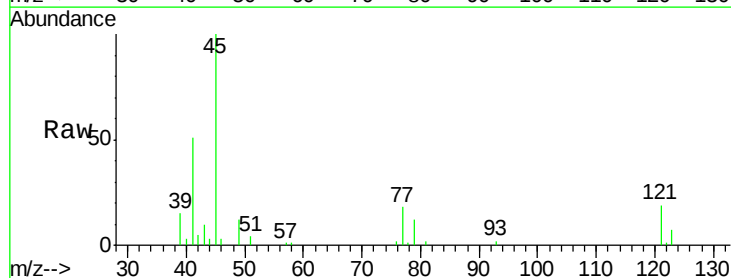
Tgt Ion: 45 Resp: 30577

Ion Ratio Lower Upper

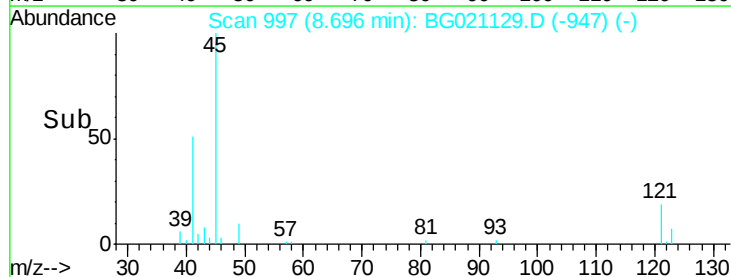
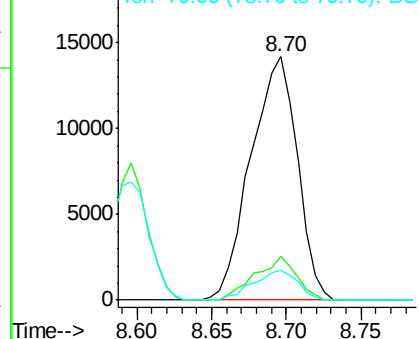
45 100

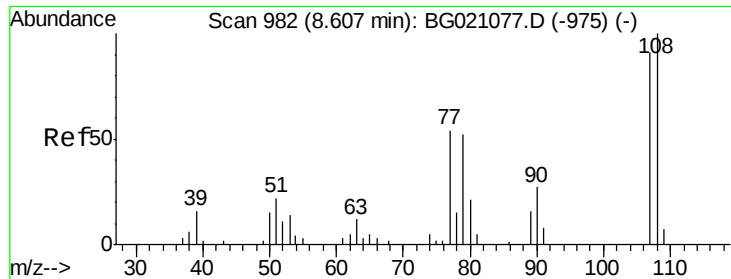
77 18.1 0.0 33.3

79 12.3 0.0 29.6



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

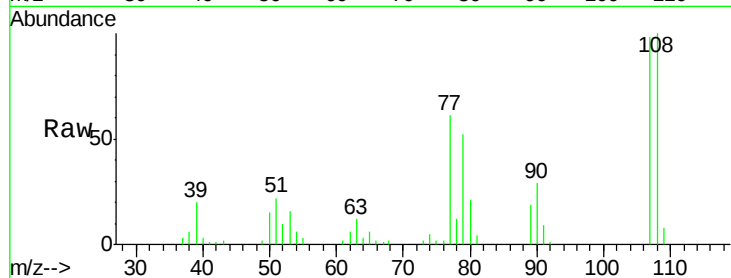




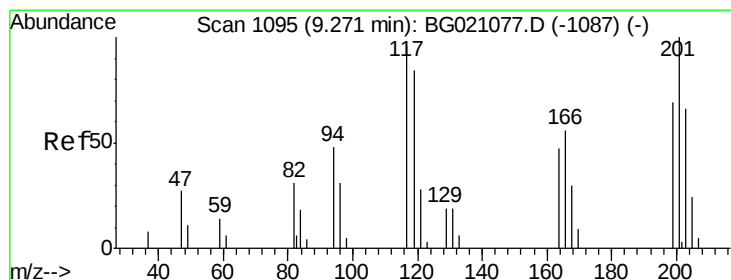
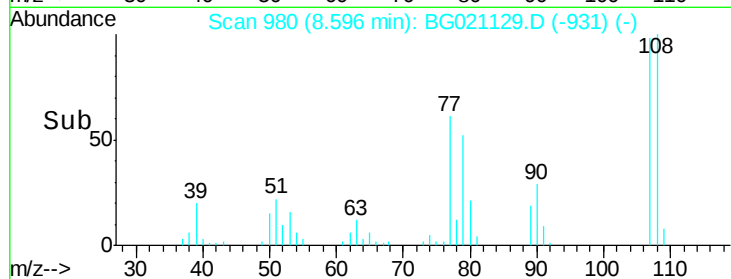
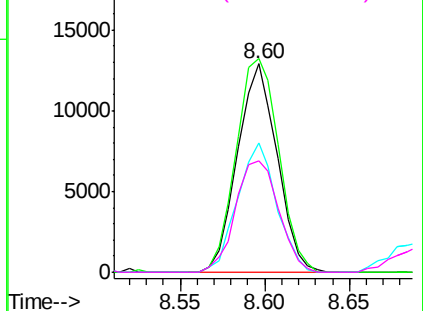
#17
2-Methylphenol
Concen: 50.20 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Instrument :
BNA_G
ClientSampleId :
PB88567BS

Tgt Ion:107 Resp: 21096
Ion Ratio Lower Upper
107 100
108 102.4 88.8 133.2
77 62.2 38.0 57.0#
79 53.4 32.6 49.0#

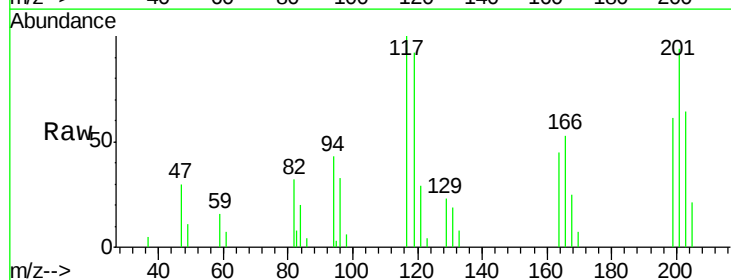


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

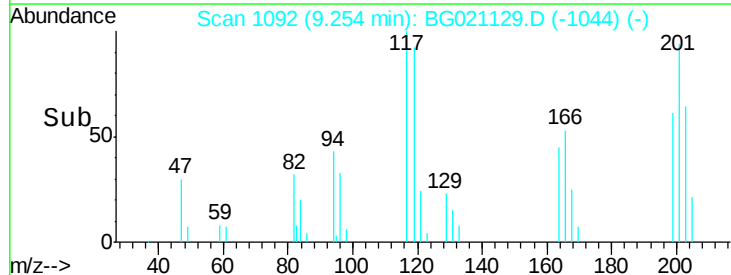
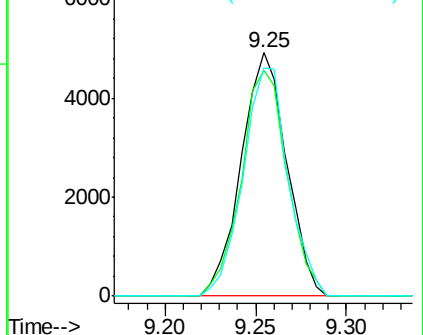


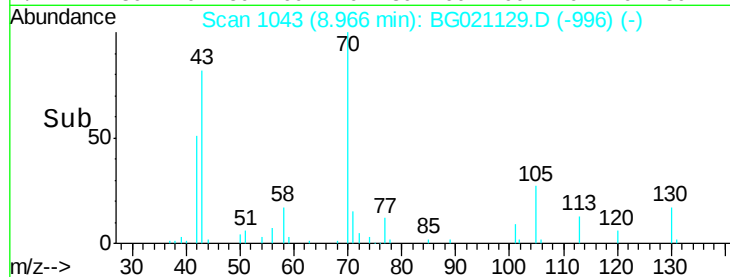
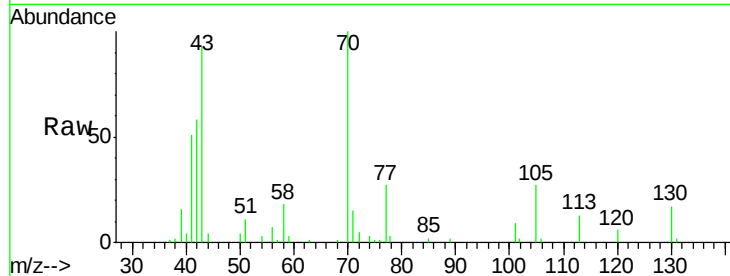
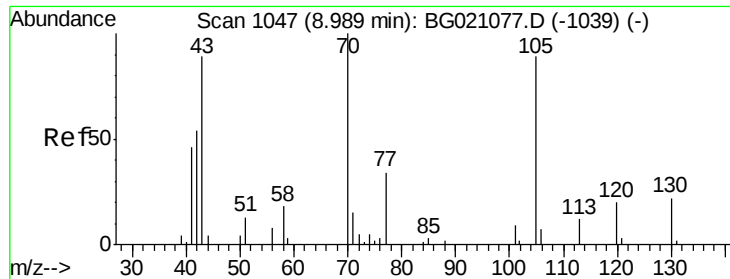
#18
Hexachloroethane
Concen: 40.96 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:117 Resp: 8581
Ion Ratio Lower Upper
117 100
119 92.5 74.5 111.7
201 94.0 68.2 102.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

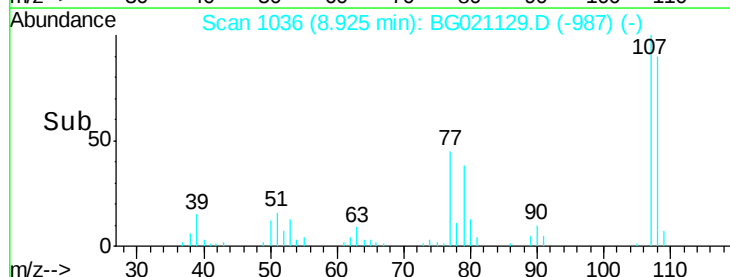
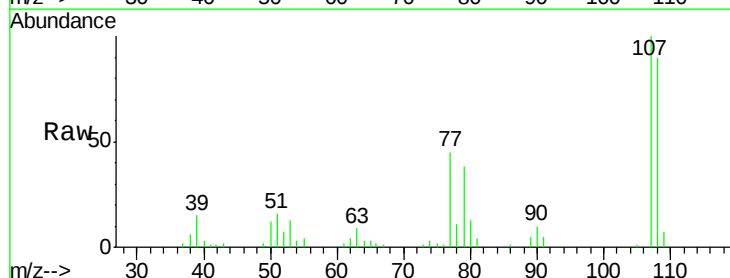
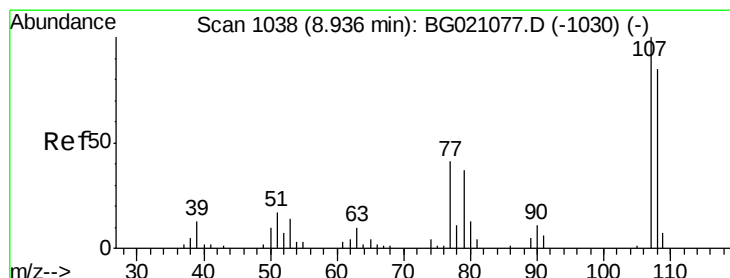
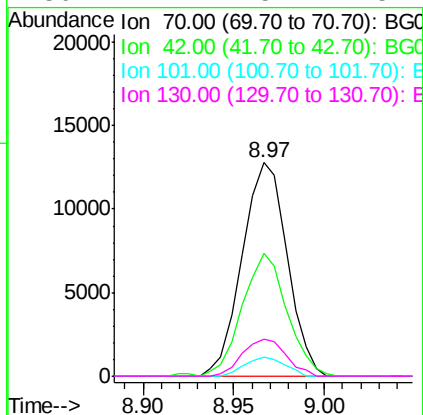




#19
n-Nitroso-di-n-propylamine
Concen: 49.11 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

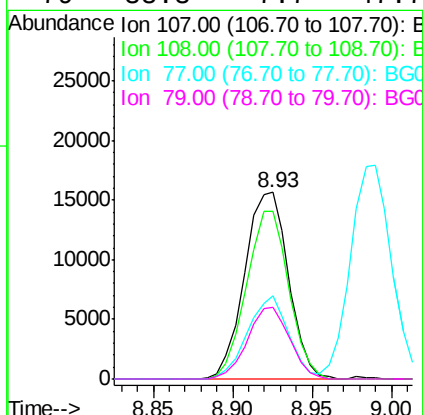
Instrument :
BNA_G
ClientSampleId :
PB88567BS

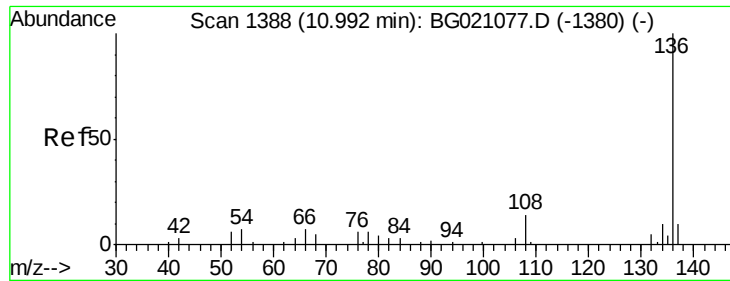
Tgt Ion:	70	Resp:	22019
Ion	Ratio	Lower	Upper
70	100		
42	57.5	48.8	73.2
101	8.9	8.5	12.7
130	17.4	15.4	23.2



#20
3+4-Methylphenols
Concen: 51.62 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:	107	Resp:	30077
Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.6	107.6
77	44.9	14.4	54.4
79	38.3	7.7	47.7

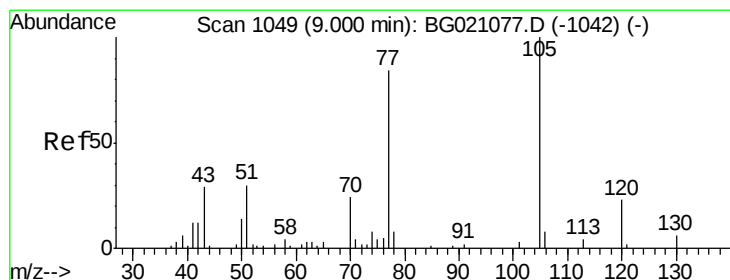
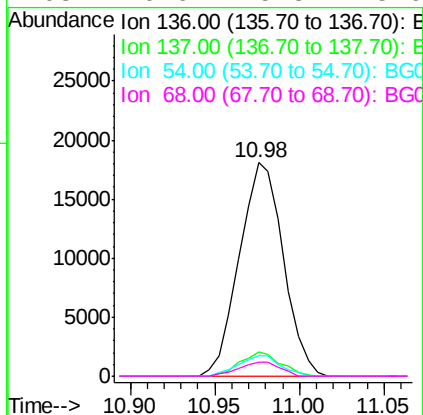
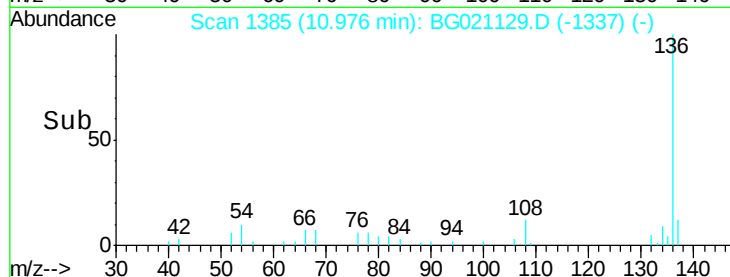
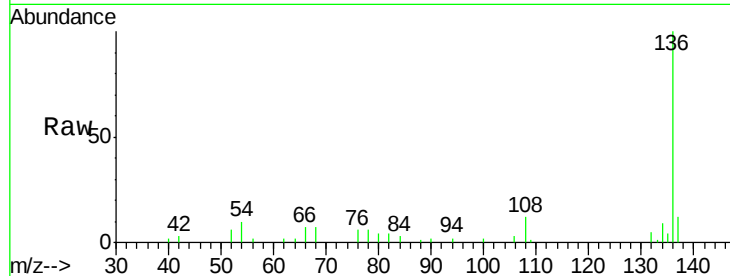




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

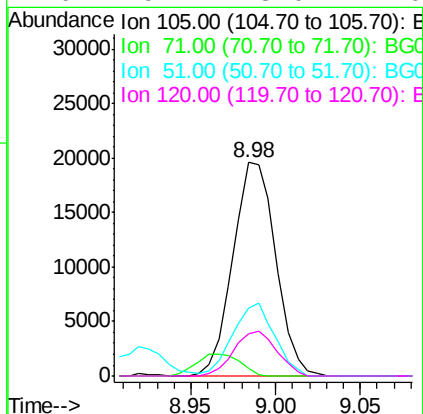
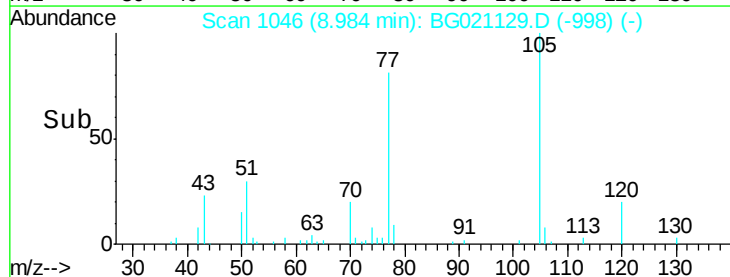
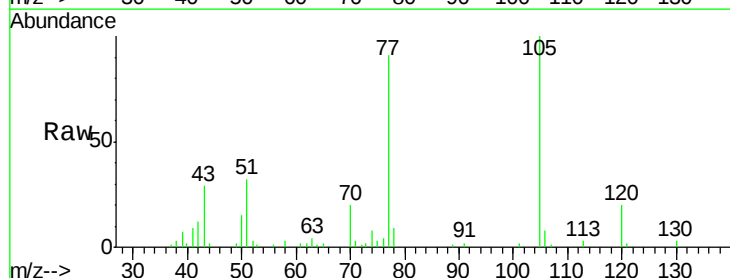
Instrument :
BNA_G
ClientSampleId :
PB88567BS

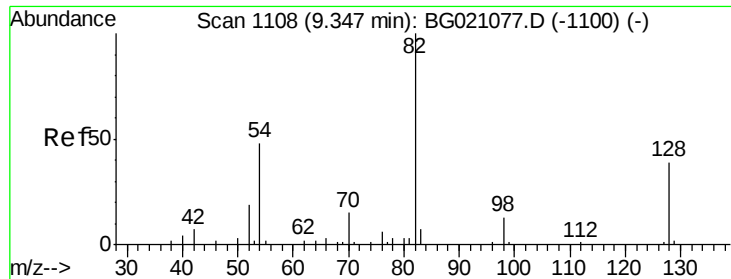
Tgt Ion:	136	Resp:	32748
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	9.6	6.9	10.3
68	6.6	5.8	8.6



#22
Acetophenone
Concen: 38.35 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:	105	Resp:	34667
Ion	Ratio	Lower	Upper
105	100		
71	3.4	0.0	0.0#
51	32.0	21.4	32.2
120	19.7	18.0	27.0

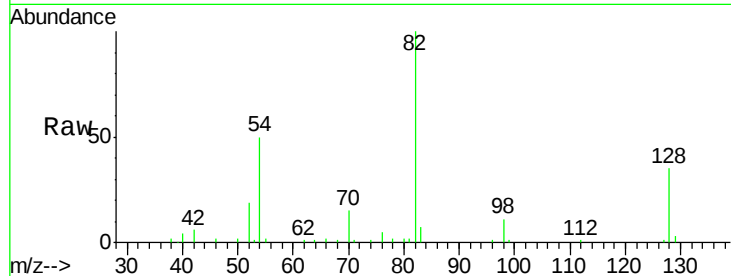




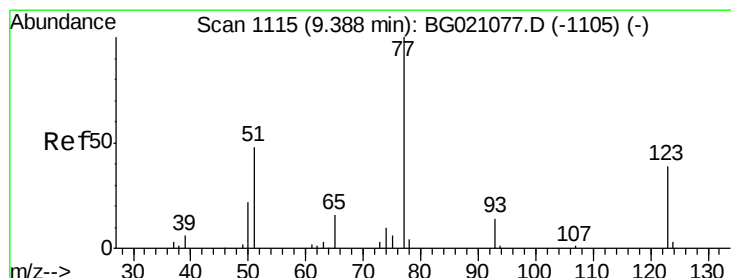
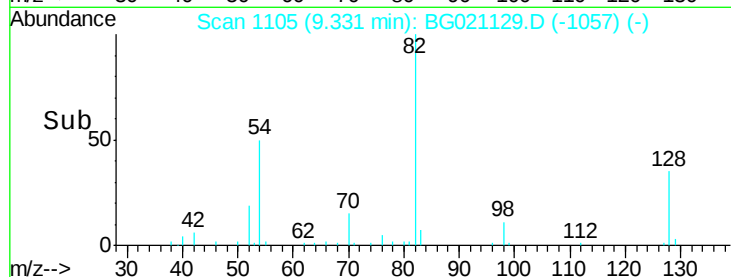
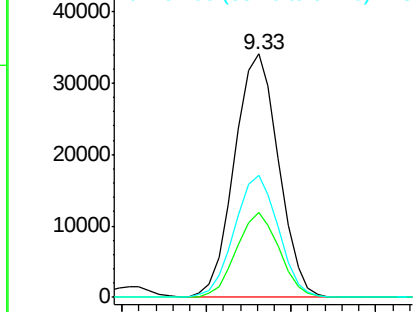
#23
 Nitrobenzene-d5
 Concen: 90.10 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

Tgt Ion: 82 Resp: 61926
 Ion Ratio Lower Upper
 82 100
 128 34.9 36.3 54.5#
 54 50.1 37.6 56.4

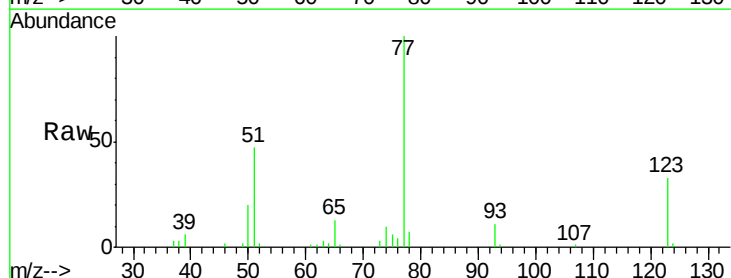


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

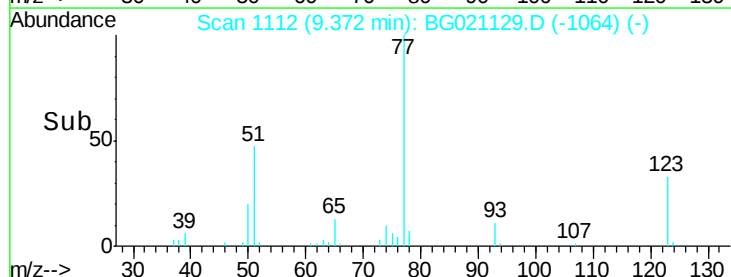
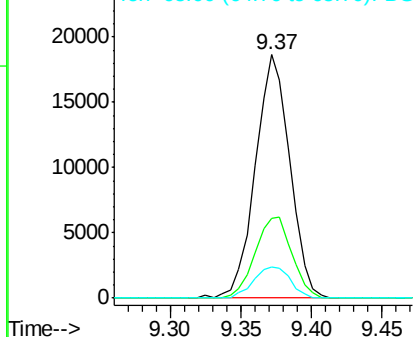


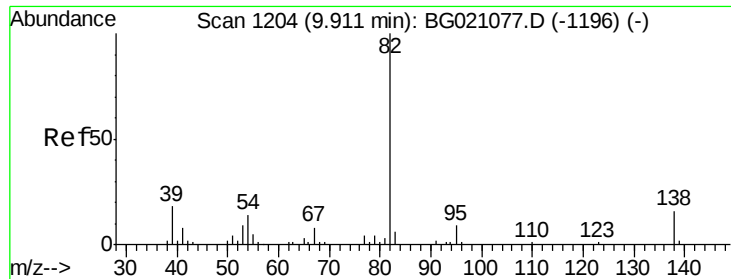
#24
 Nitrobenzene
 Concen: 44.94 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion: 77 Resp: 31909
 Ion Ratio Lower Upper
 77 100
 123 32.7 35.8 53.6#
 65 12.9 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.45 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

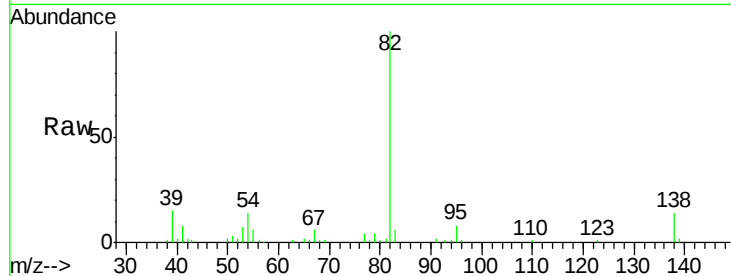
Tgt Ion: 82 Resp: 58553

Ion Ratio Lower Upper

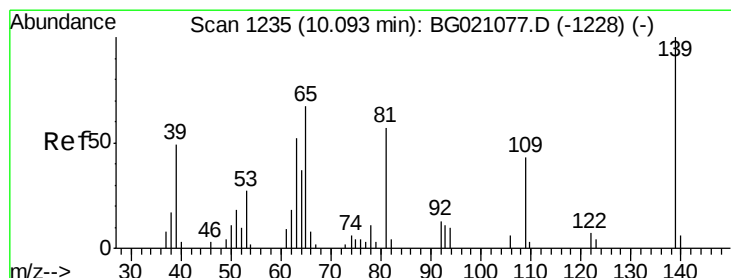
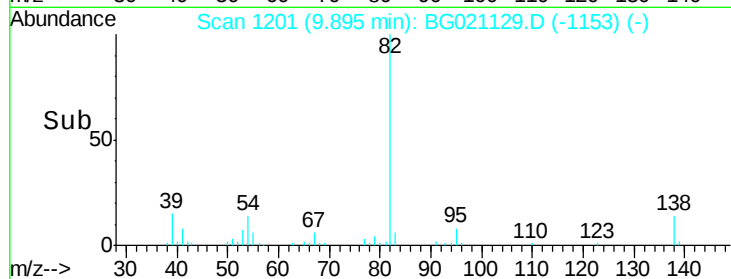
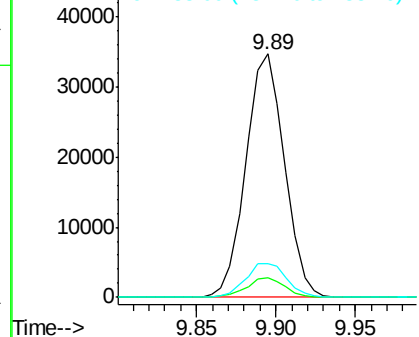
82 100

95 8.3 5.4 8.0#

138 14.0 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: 38.71 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

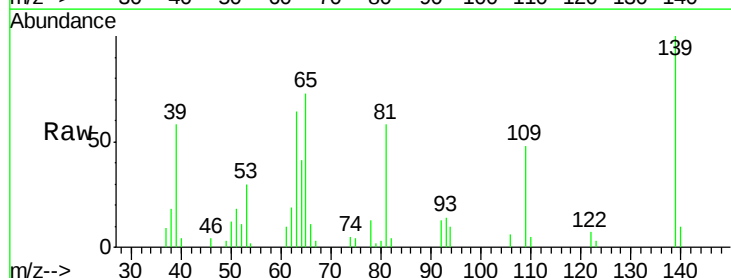
Tgt Ion: 139 Resp: 11620

Ion Ratio Lower Upper

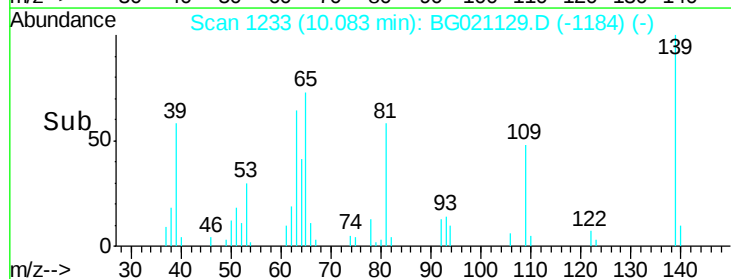
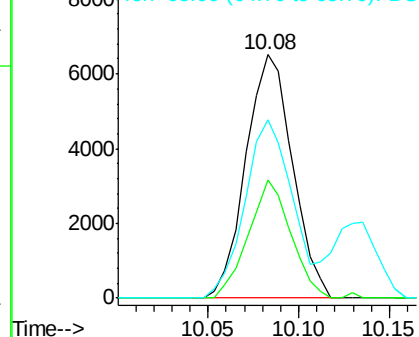
139 100

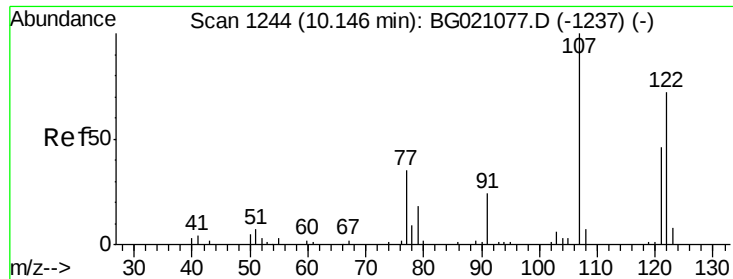
109 48.4 21.4 32.0#

65 73.3 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

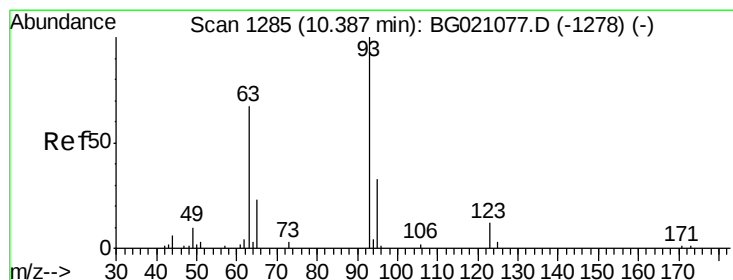
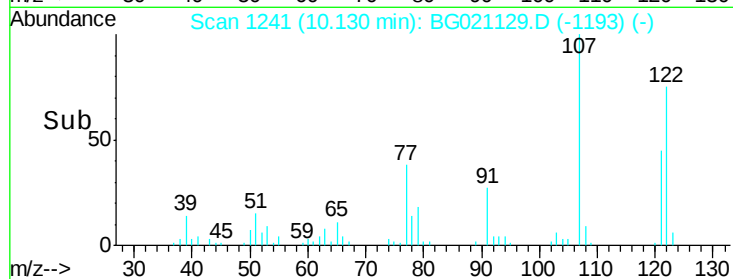
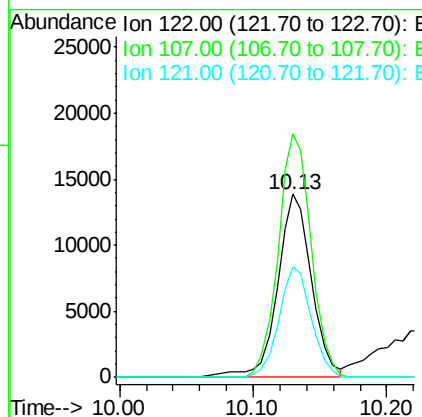
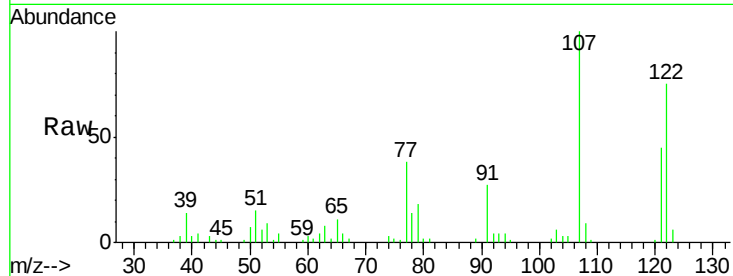




#27
 2,4-Dimethylphenol
 Concen: 46.28 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

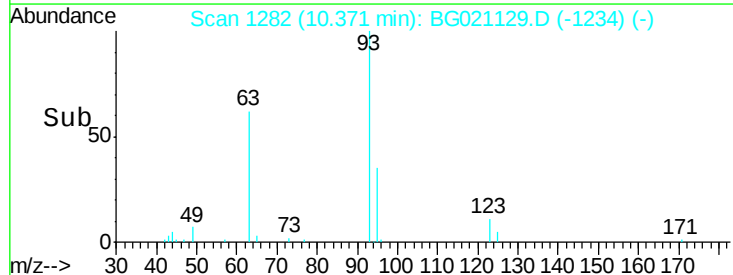
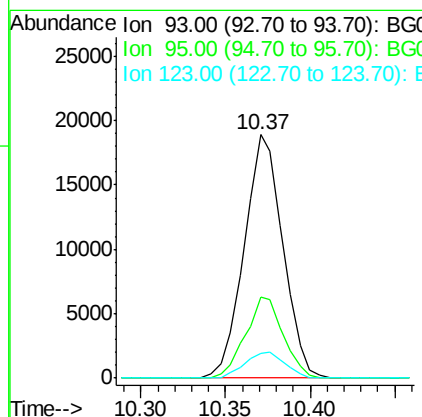
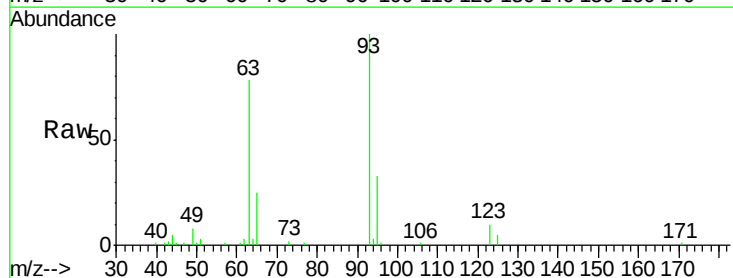
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

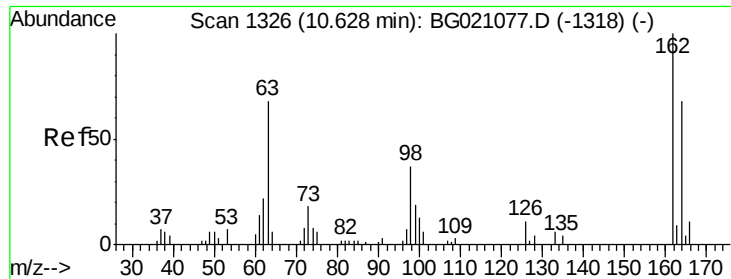
Tgt Ion: 122 Resp: 24505
 Ion Ratio Lower Upper
 122 100
 107 133.1 94.1 141.1
 121 60.5 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.87 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion: 93 Resp: 30056
 Ion Ratio Lower Upper
 93 100
 95 33.3 24.2 36.2
 123 10.2 9.0 13.6

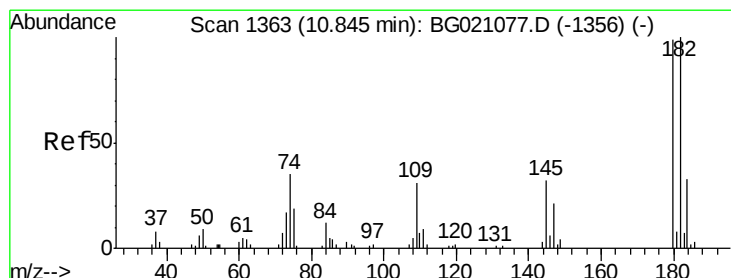
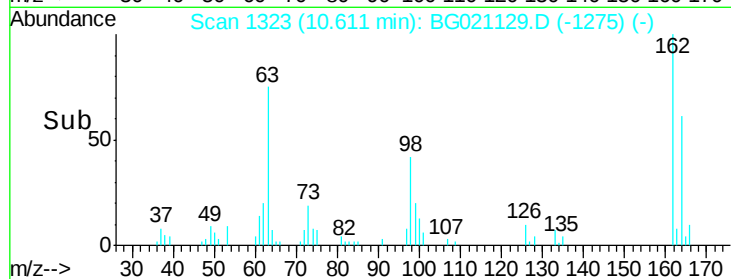
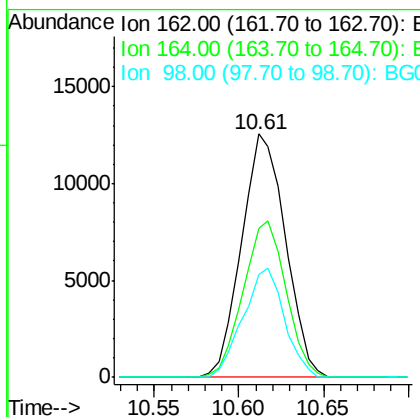
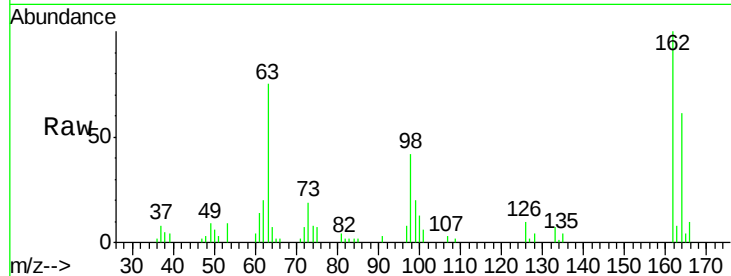




#29
2,4-Dichlorophenol
Concen: 43.62 ng
RT: 10.61 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

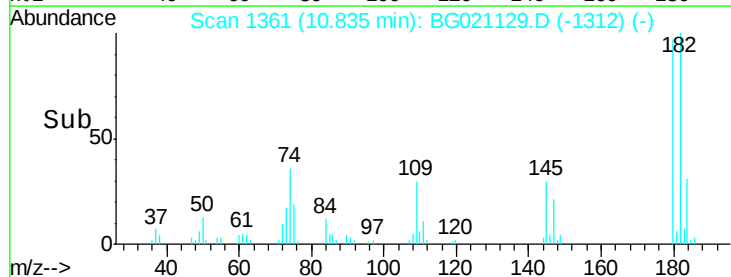
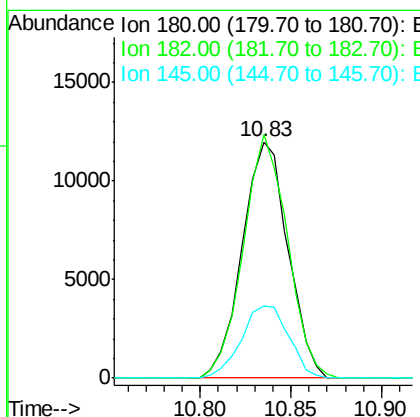
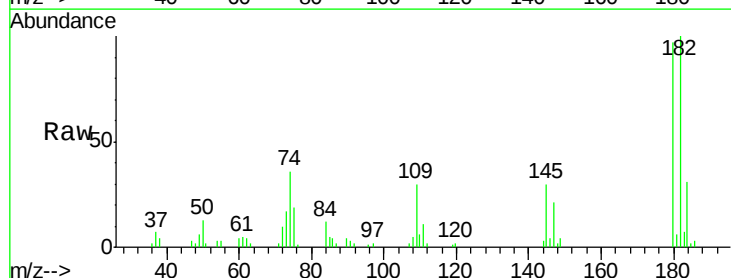
Instrument :
BNA_G
ClientSampleId :
PB88567BS

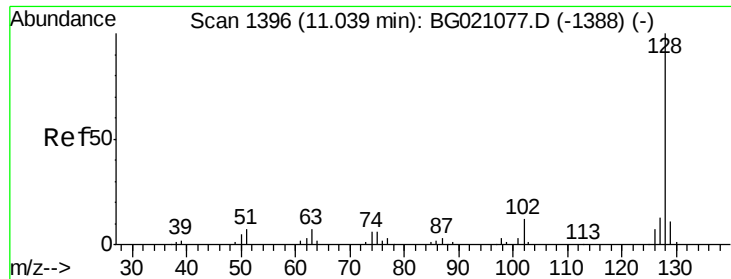
Tgt Ion:162 Resp: 22611
Ion Ratio Lower Upper
162 100
164 61.3 43.7 83.7
98 42.4 18.3 58.3



#30
1,2,4-Trichlorobenzene
Concen: 35.73 ng
RT: 10.83 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:180 Resp: 20991
Ion Ratio Lower Upper
180 100
182 102.9 77.4 116.0
145 30.6 25.7 38.5

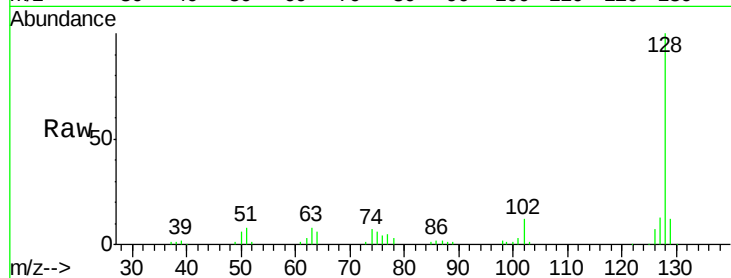




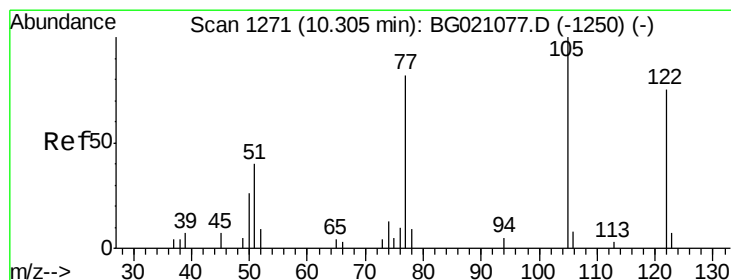
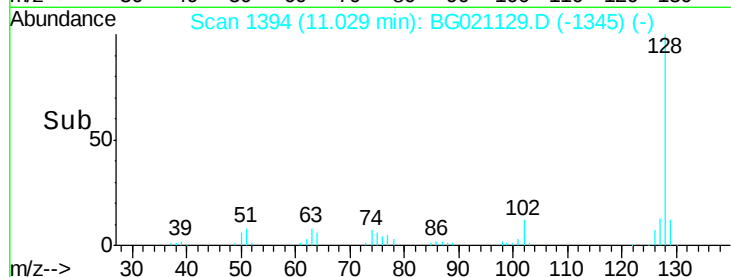
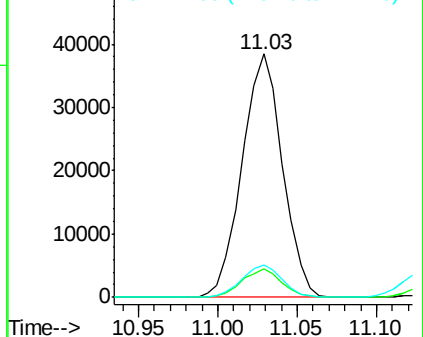
#31
Naphthalene
Concen: 40.40 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Instrument :
BNA_G
ClientSampleId :
PB88567BS

Tgt Ion:128 Resp: 67964
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.3 10.8 16.2

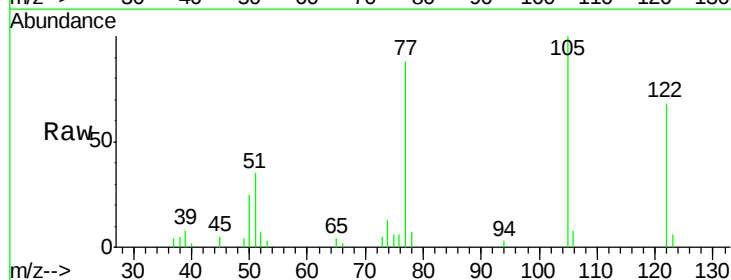


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

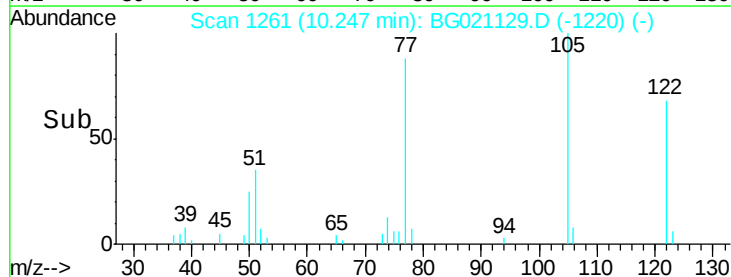
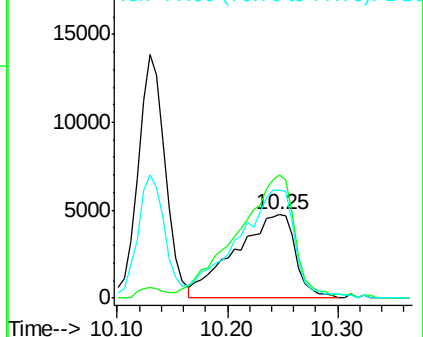


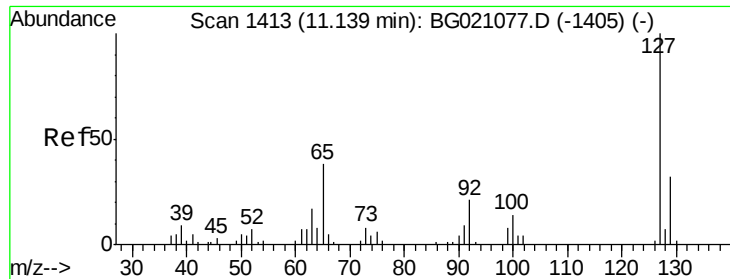
#32
Benzoic acid
Concen: 37.58 ng
RT: 10.25 min Scan# 1261
Delta R.T. -0.06 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:122 Resp: 18272
Ion Ratio Lower Upper
122 100
105 147.6 98.7 138.7#
77 129.6 84.5 124.5#



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

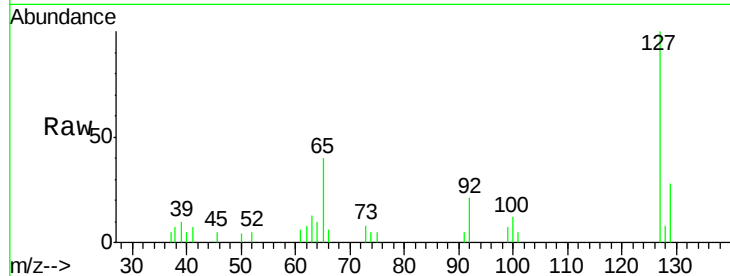




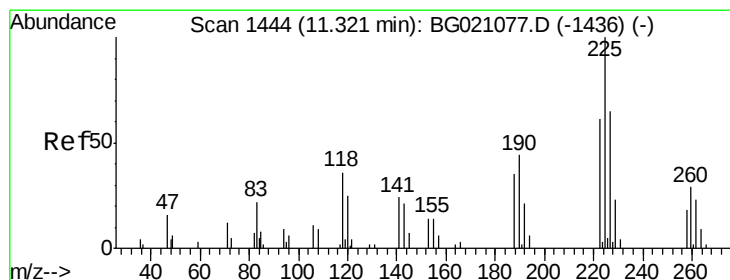
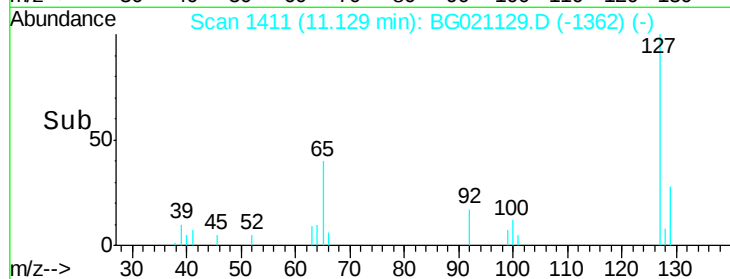
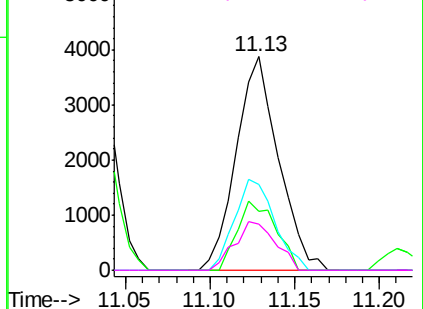
#33
4-Chloroaniline
Concen: 9.62 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Instrument :
BNA_G
ClientSampleId :
PB88567BS

Tgt Ion:127 Resp: 6758
Ion Ratio Lower Upper
127 100
129 27.8 26.2 39.2
65 40.2 22.9 34.3#
92 21.4 15.0 22.6

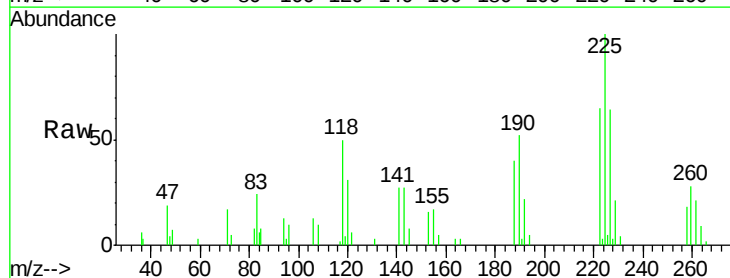


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

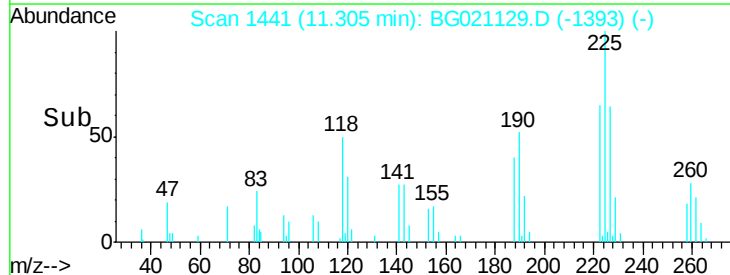
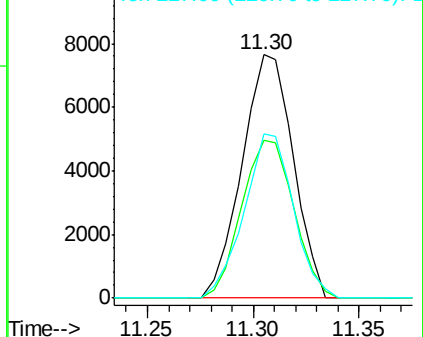


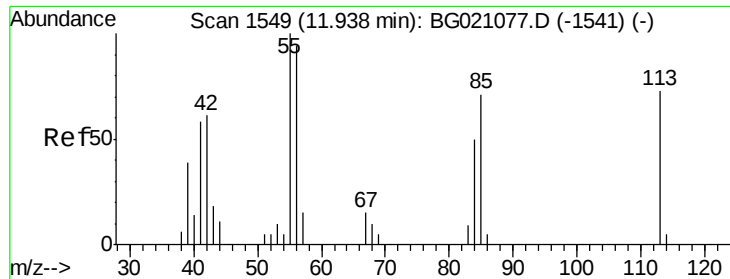
#34
Hexachlorobutadiene
Concen: 32.79 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:225 Resp: 12891
Ion Ratio Lower Upper
225 100
223 64.8 54.6 82.0
227 64.3 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: 31.99 ng

RT: 11.90 min Scan# 1542

Delta R.T. -0.04 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

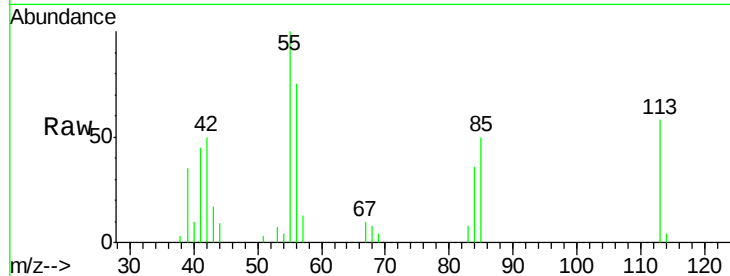
Tgt Ion:113 Resp: 5604

Ion Ratio Lower Upper

113 100

55 173.5 155.2 195.2

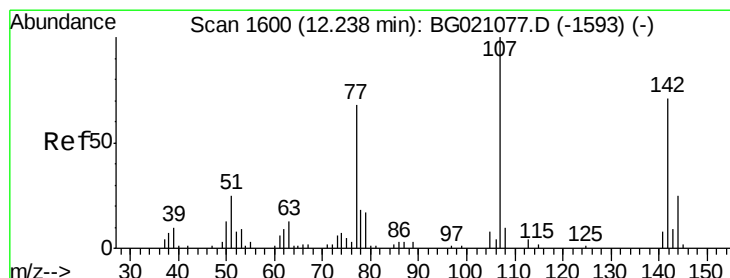
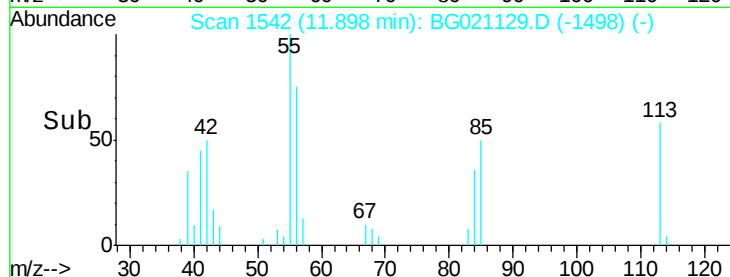
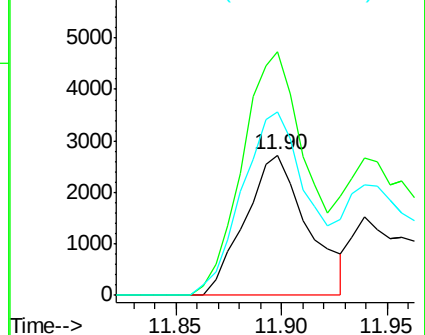
56 131.0 94.0 134.0



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: 47.67 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

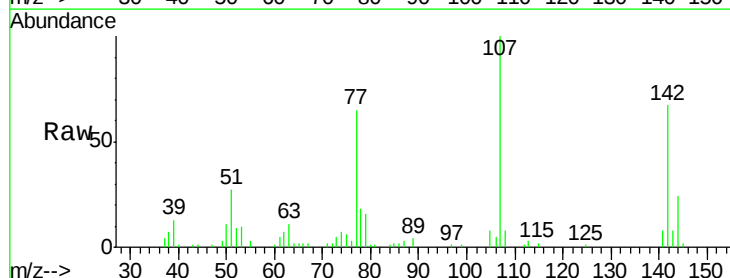
Tgt Ion:107 Resp: 30290

Ion Ratio Lower Upper

107 100

144 23.9 21.8 32.8

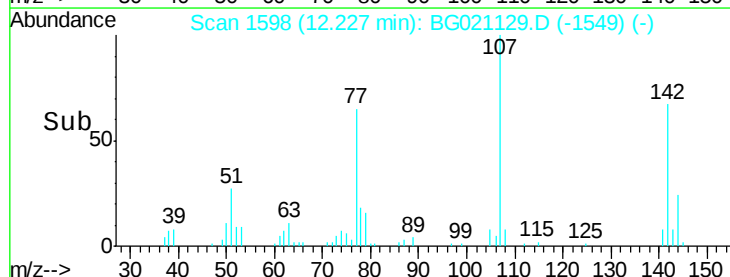
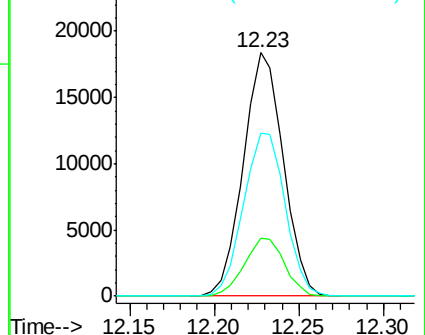
142 67.1 65.6 98.4

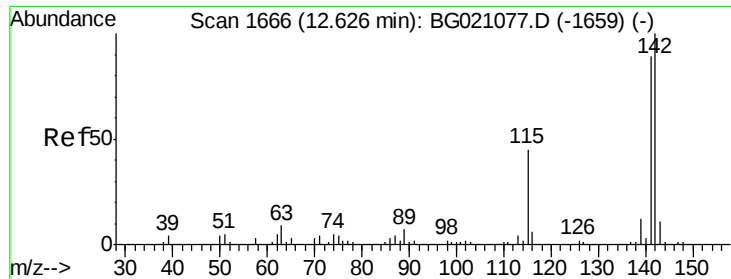


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

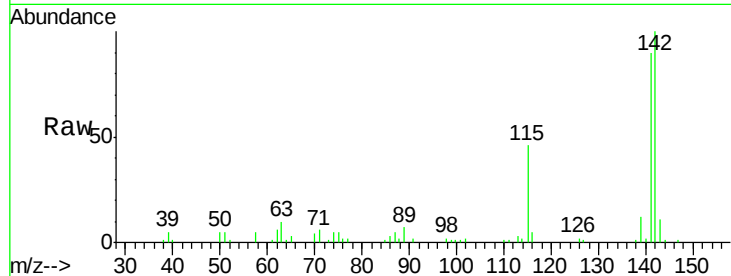




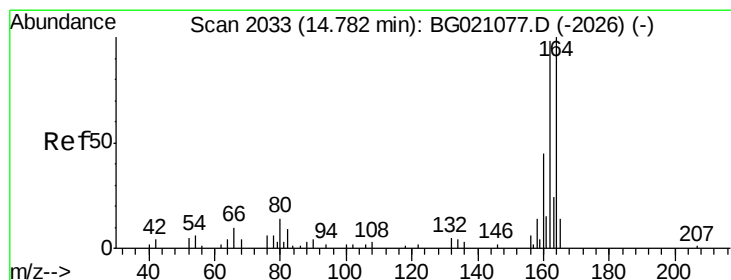
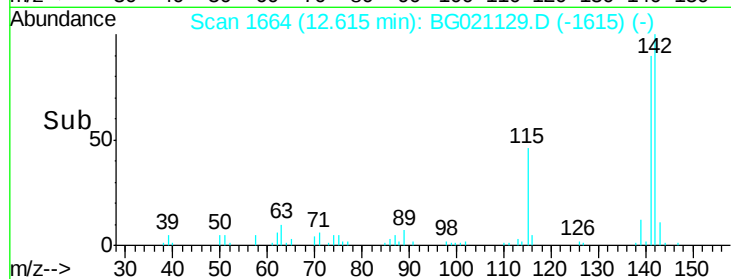
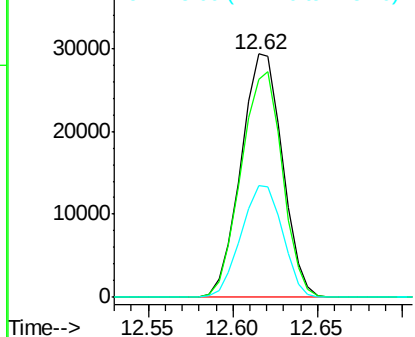
#37
 2-Methylnaphthalene
 Concen: 42.37 ng
 RT: 12.62 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

Tgt Ion:142 Resp: 50054
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.7 107.5
 115 45.7 26.2 39.4#

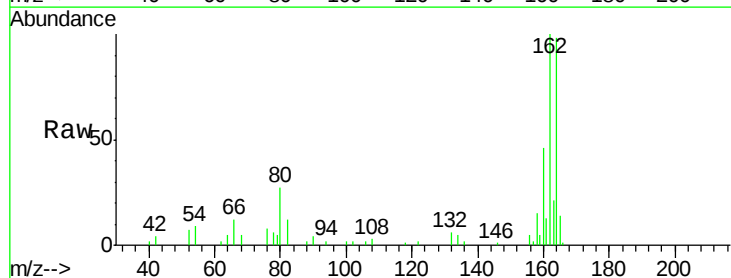


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

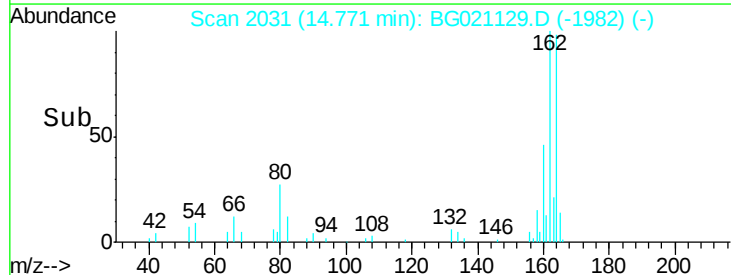
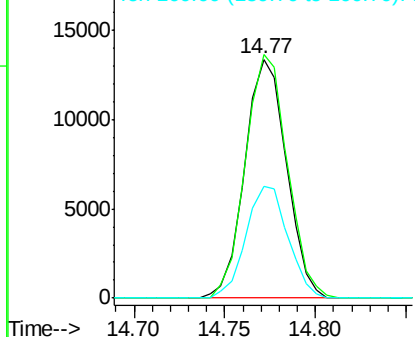


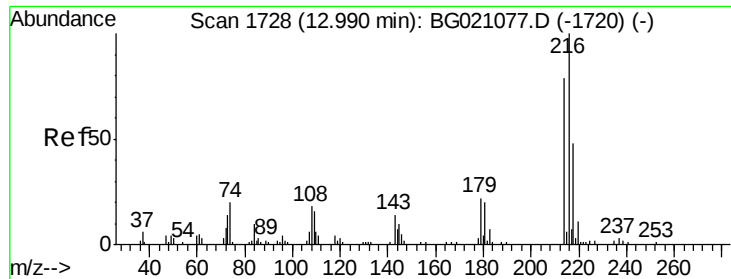
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:164 Resp: 21355
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 120.8
 160 46.5 36.5 54.7



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.17 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

Tgt Ion:216 Resp: 25388

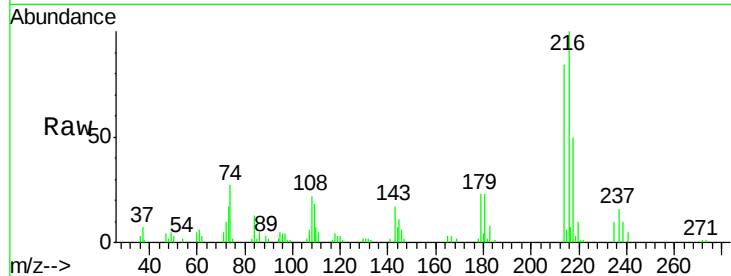
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 21.7 17.4 26.0

108 28.4 16.8 25.2#

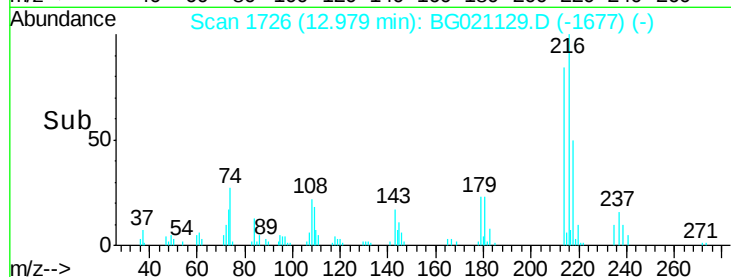


Abundance Ion 216.00 (215.70 to 216.70): E

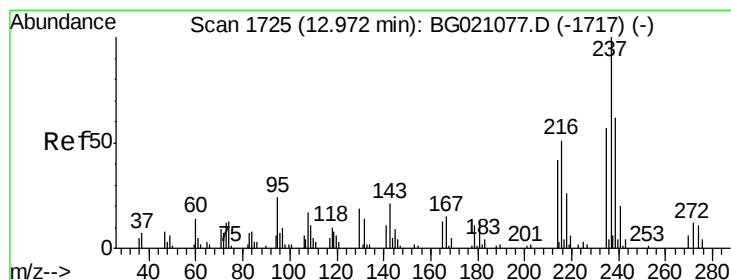
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.90 12.95 13.00



#40

Hexachlorocyclopentadiene

Concen: 69.23 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

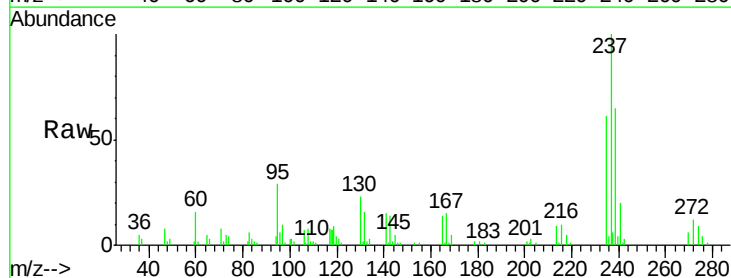
Tgt Ion:237 Resp: 35925

Ion Ratio Lower Upper

237 100

235 61.5 42.9 82.9

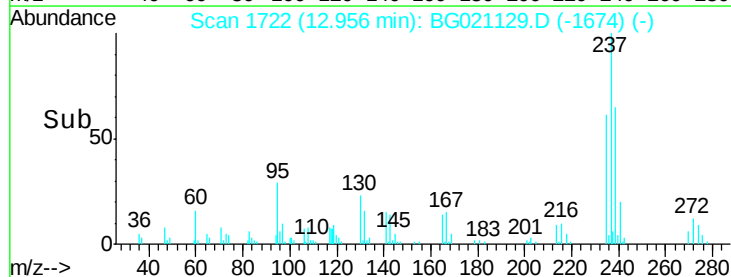
272 12.1 0.0 32.3



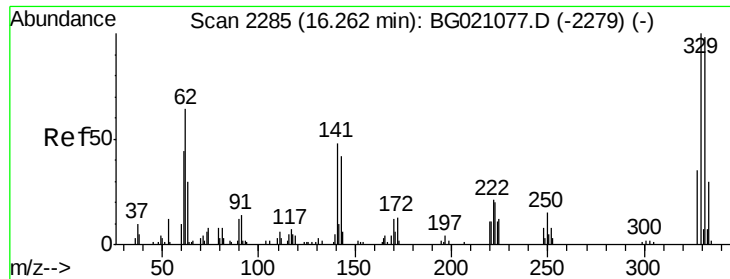
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



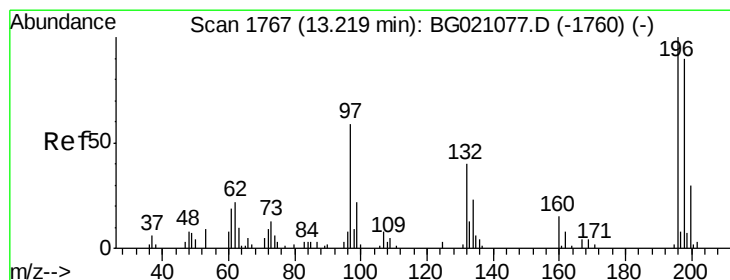
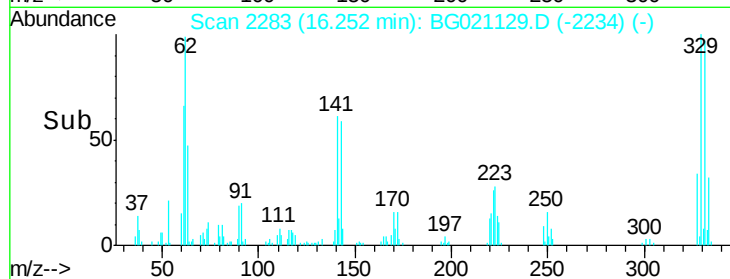
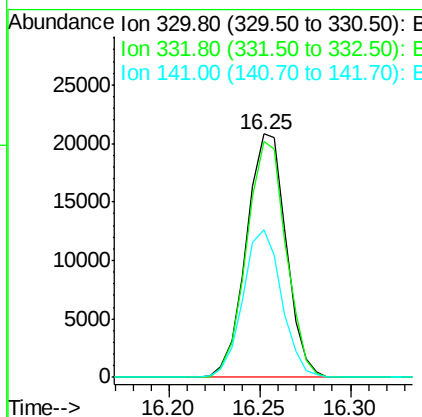
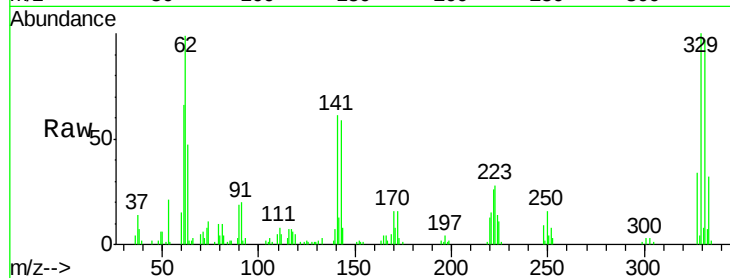
Time--> 12.90 12.95 13.00



#41
 2,4,6-Tribromophenol
 Concen: 113.28 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

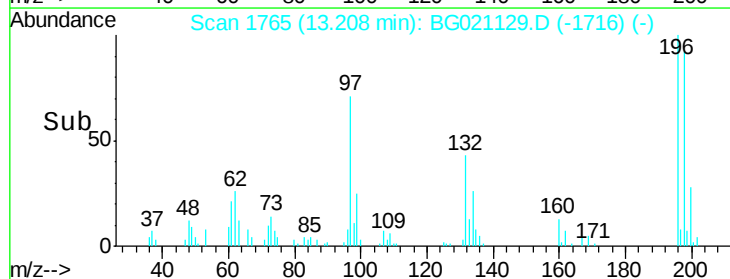
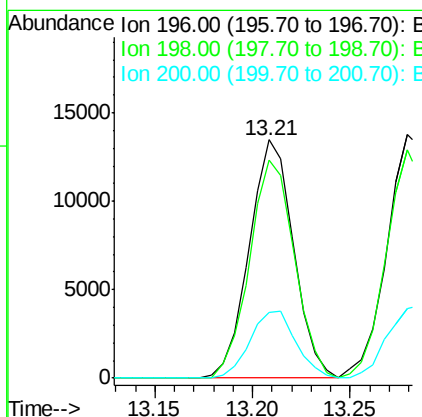
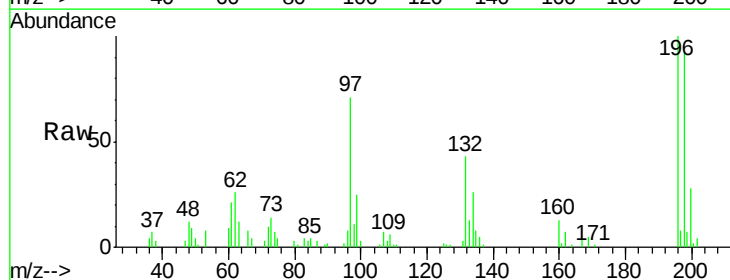
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

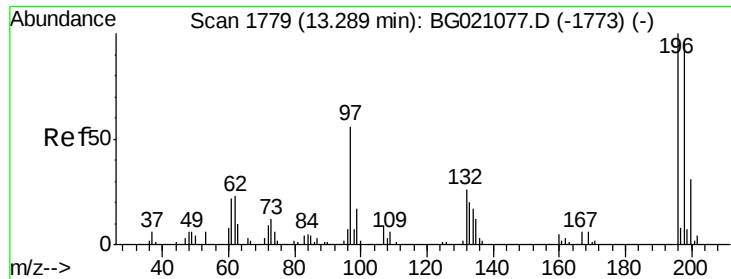
Tgt Ion:330 Resp: 31716
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.0
 141 58.9 35.3 52.9#



#42
 2,4,6-Trichlorophenol
 Concen: 42.63 ng
 RT: 13.21 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:196 Resp: 21098
 Ion Ratio Lower Upper
 196 100
 198 91.8 75.8 113.8
 200 29.8 23.8 35.8

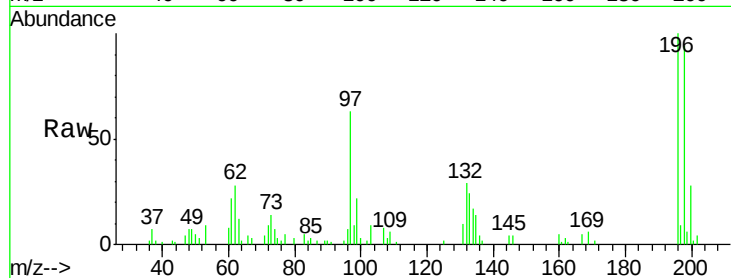




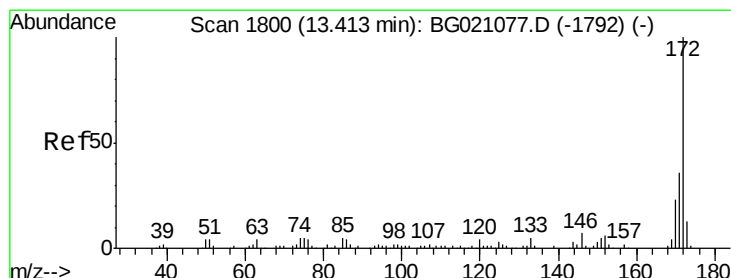
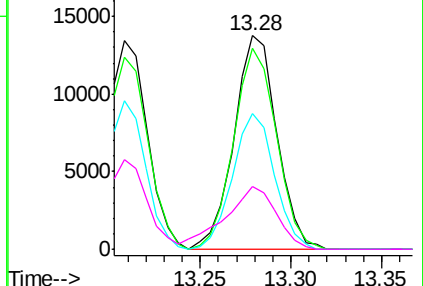
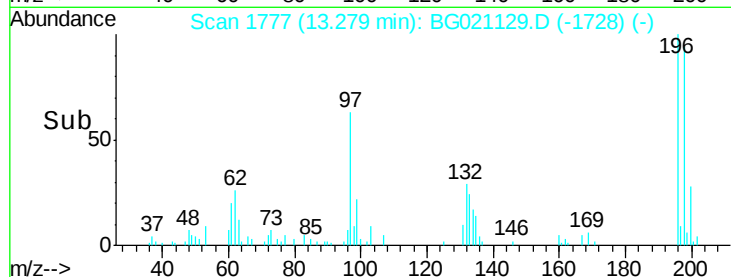
#43
 2,4,5-Trichlorophenol
 Concen: 44.61 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

Tgt Ion:196 Resp: 22684
 Ion Ratio Lower Upper
 196 100
 198 93.8 80.2 120.4
 97 63.5 42.9 64.3
 132 29.3 25.5 38.3

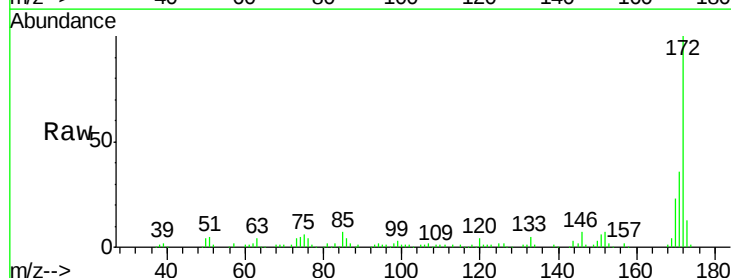


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

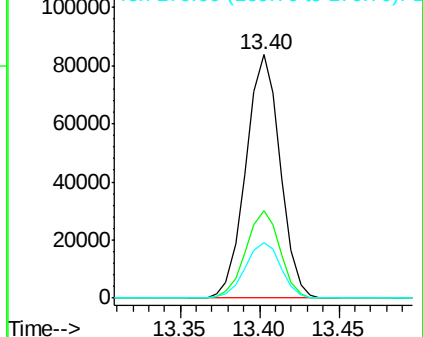
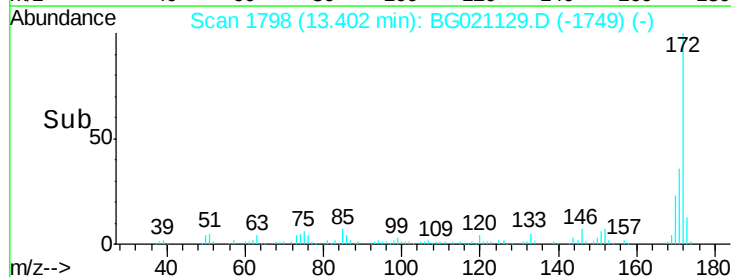


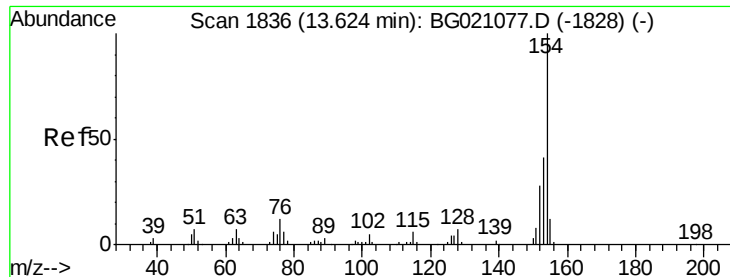
#44
 2-Fluorobiphenyl
 Concen: 75.31 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:172 Resp: 125672
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.0 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

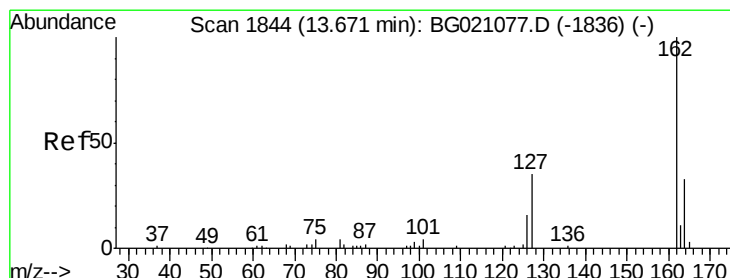
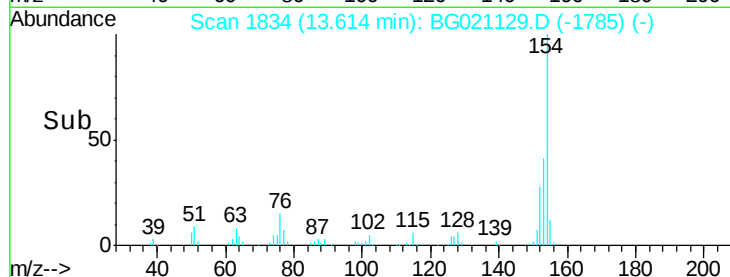
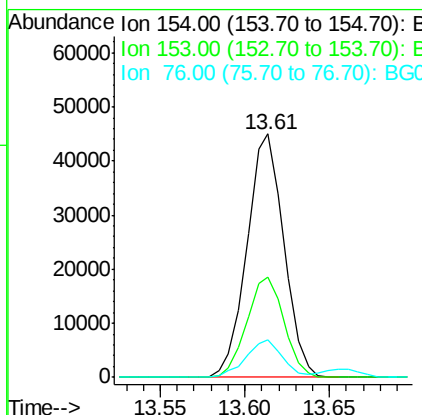
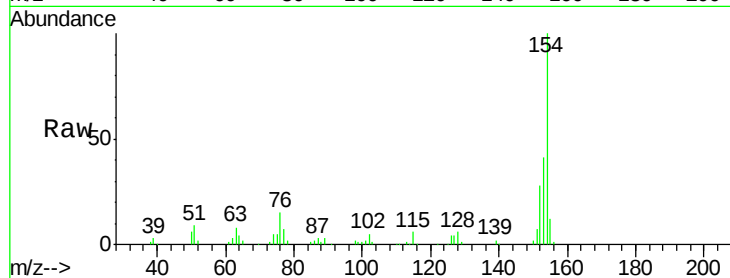




#45
 1,1'-Biphenyl
 Concen: 37.80 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

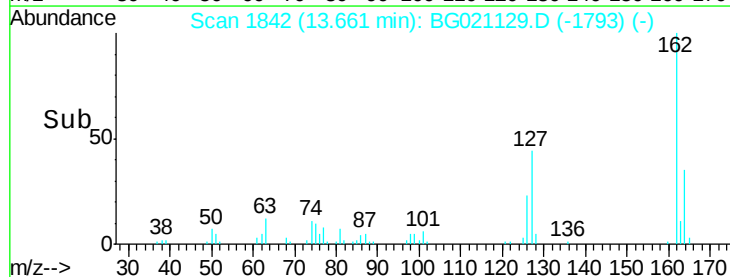
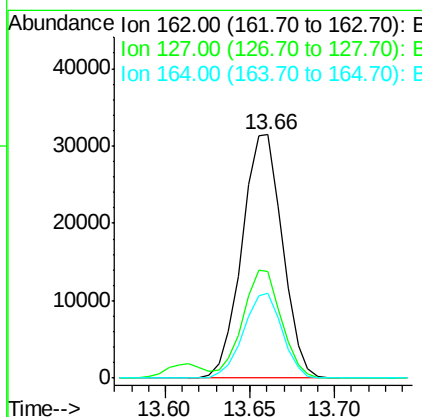
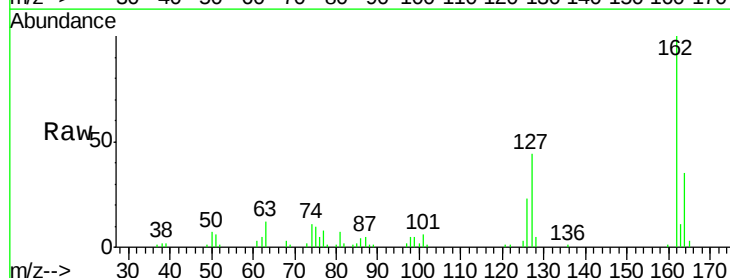
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

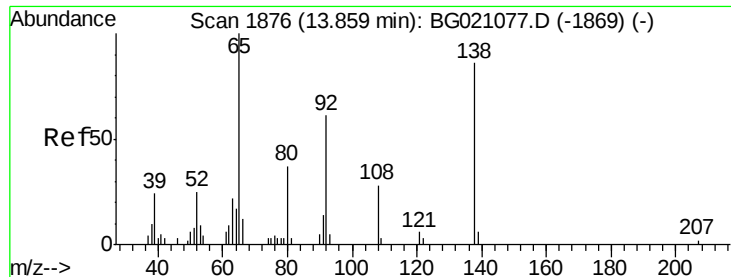
Tgt Ion:154 Resp: 67978
 Ion Ratio Lower Upper
 154 100
 153 41.0 19.8 59.8
 76 15.4 0.0 33.6



#46
 2-Chloronaphthalene
 Concen: 38.40 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:162 Resp: 52392
 Ion Ratio Lower Upper
 162 100
 127 43.6 31.8 47.8
 164 34.7 26.3 39.5

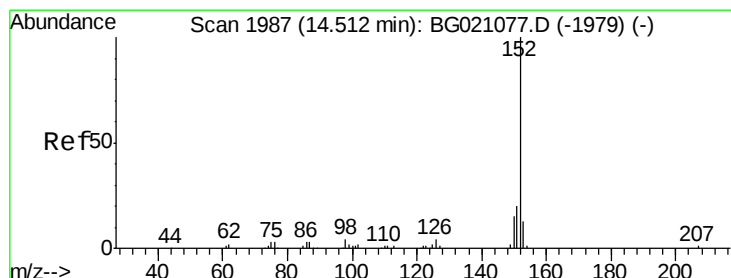
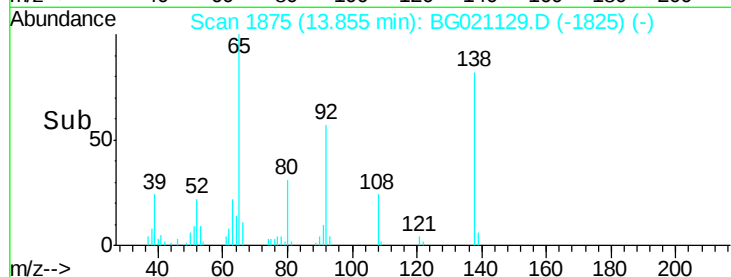
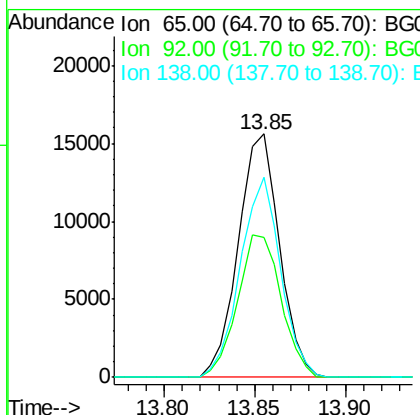
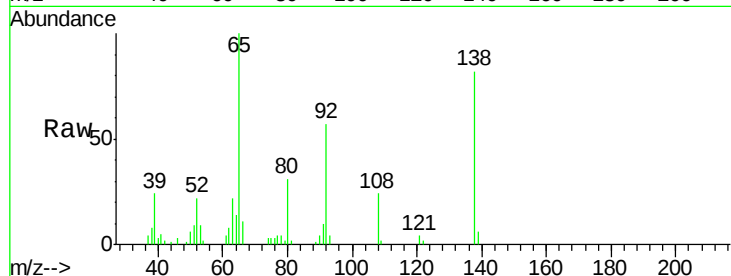




#47
2-Nitroaniline
Concen: 55.79 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

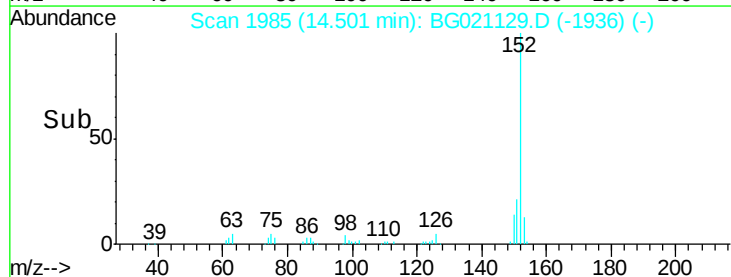
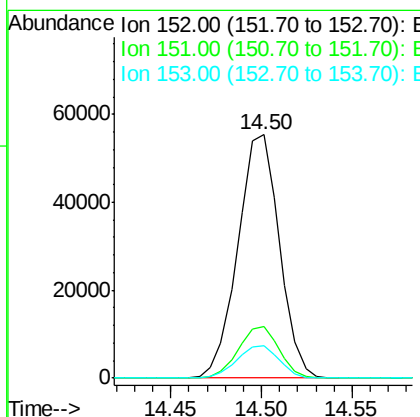
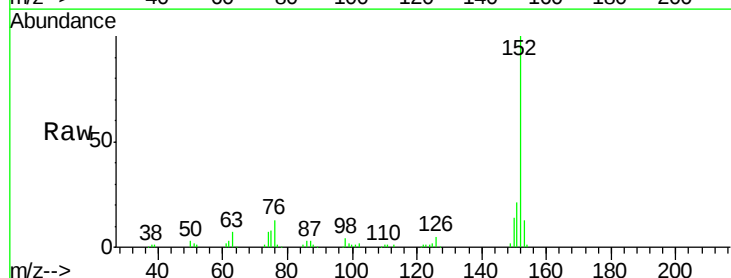
Instrument :
BNA_G
ClientSampleId :
PB88567BS

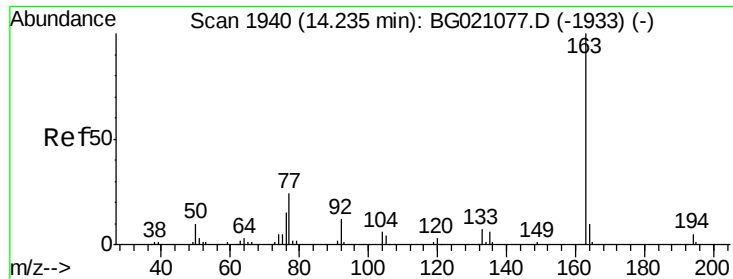
Tgt Ion: 65 Resp: 24667
Ion Ratio Lower Upper
65 100
92 57.3 54.6 82.0
138 82.4 94.9 142.3#



#48
Acenaphthylene
Concen: 41.04 ng
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion: 152 Resp: 88590
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 13.4 10.2 15.2





#49

Dimethylphthalate

Concen: 41.63 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

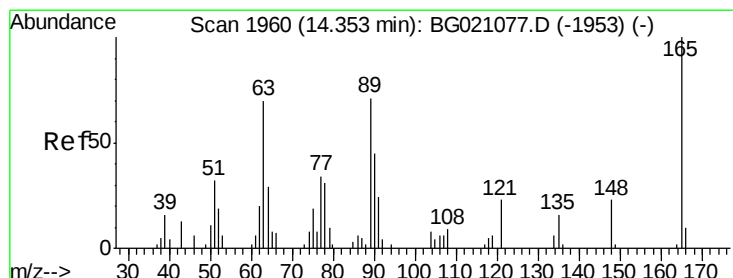
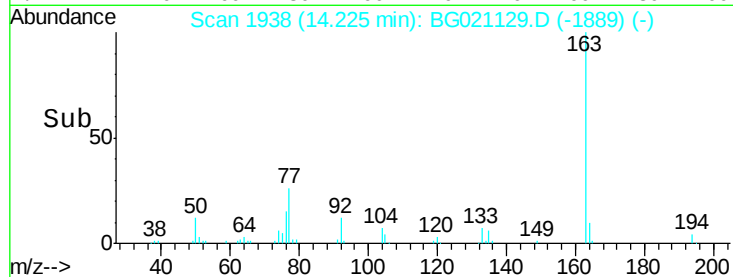
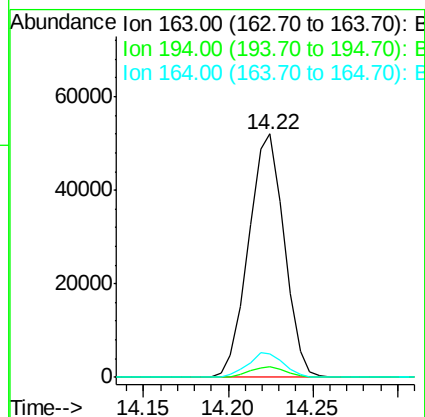
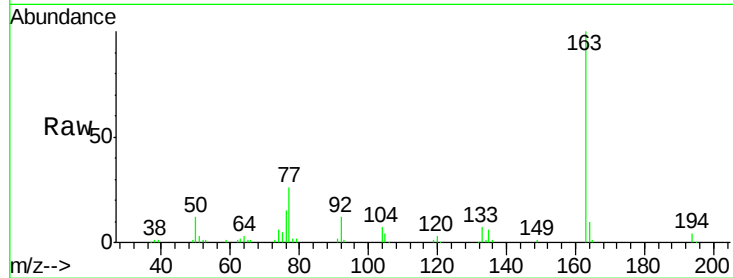
Tgt Ion:163 Resp: 76612

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2#

164 9.7 7.9 11.9



#50

2,6-Dinitrotoluene

Concen: 44.44 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

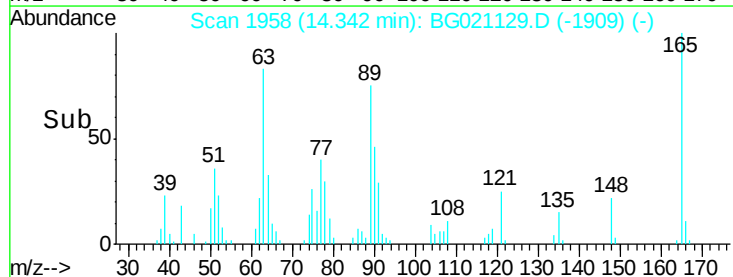
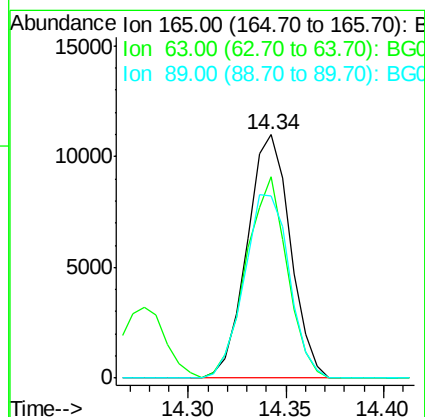
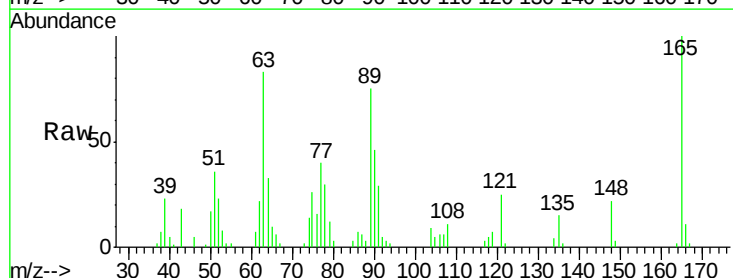
Tgt Ion:165 Resp: 16827

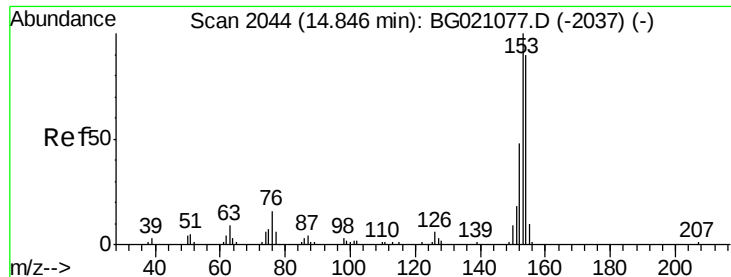
Ion Ratio Lower Upper

165 100

63 82.7 42.1 63.1#

89 74.9 46.1 69.1#





#51

Acenaphthene

Concen: 37.07 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

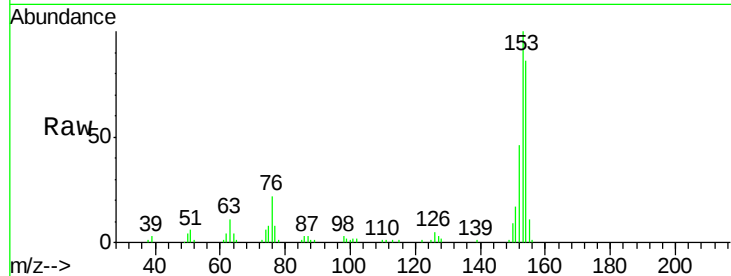
Tgt Ion:154 Resp: 54594

Ion Ratio Lower Upper

154 100

153 116.8 94.2 141.2

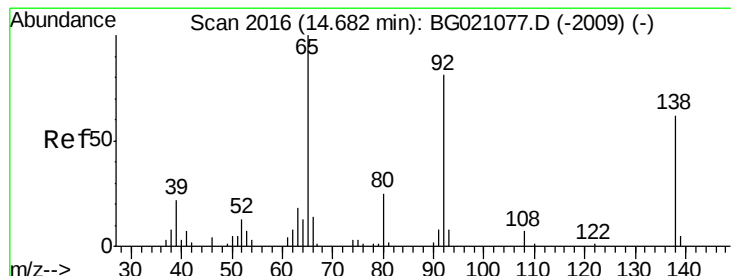
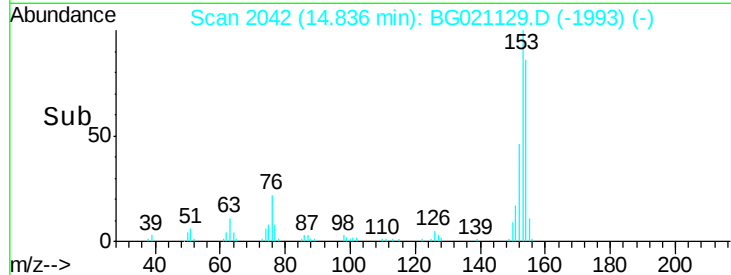
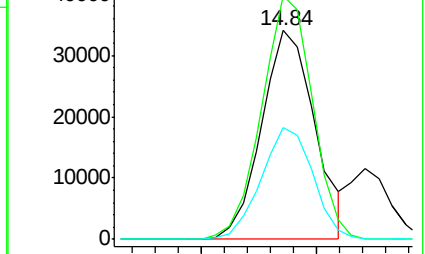
152 53.8 42.9 64.3



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: 19.02 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

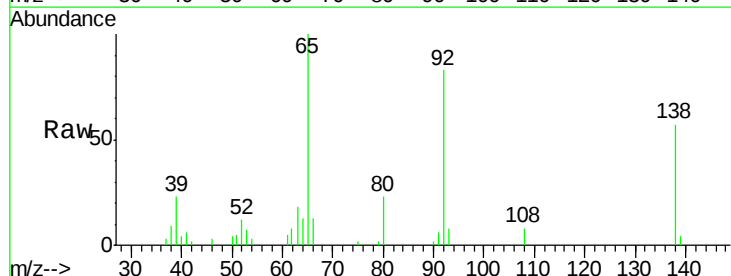
Tgt Ion:138 Resp: 7008

Ion Ratio Lower Upper

138 100

108 13.4 5.8 8.6#

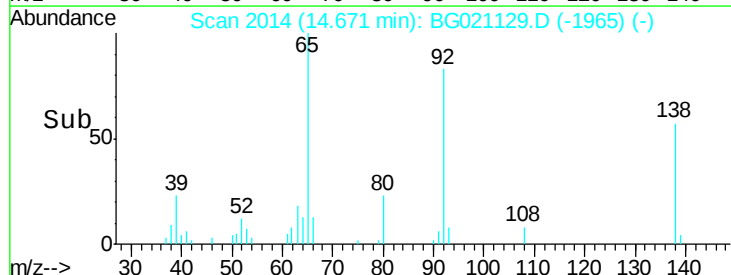
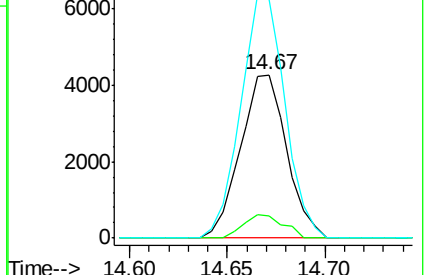
92 145.9 83.6 125.4#

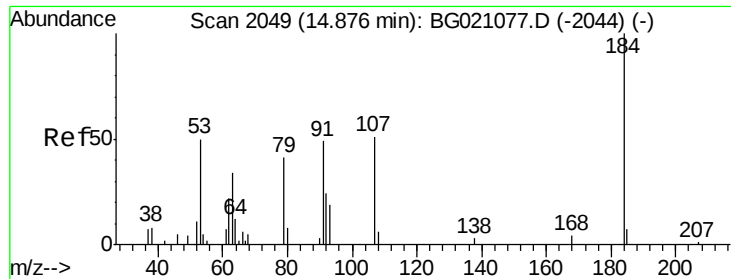


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

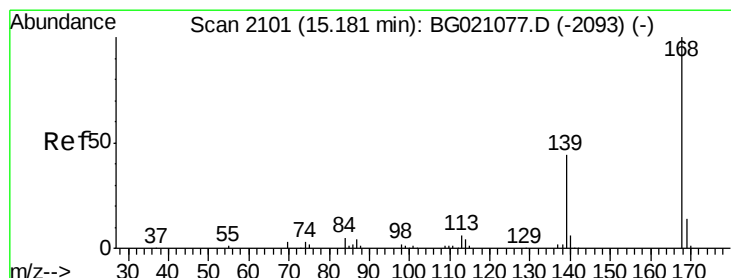
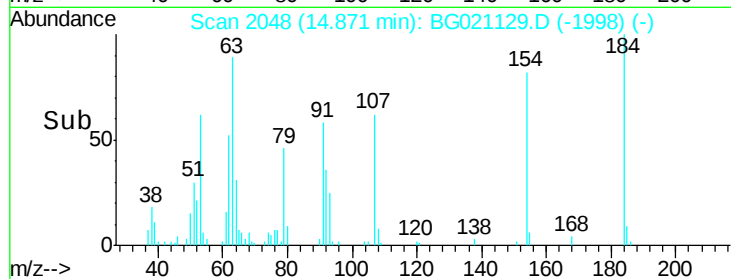
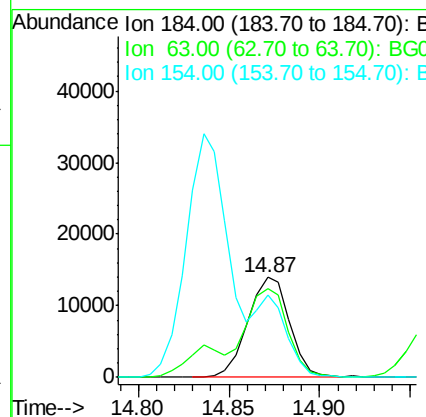
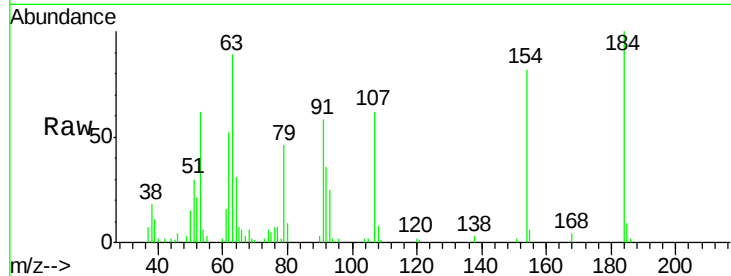




#53
2,4-Dinitrophenol
Concen: 84.60 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

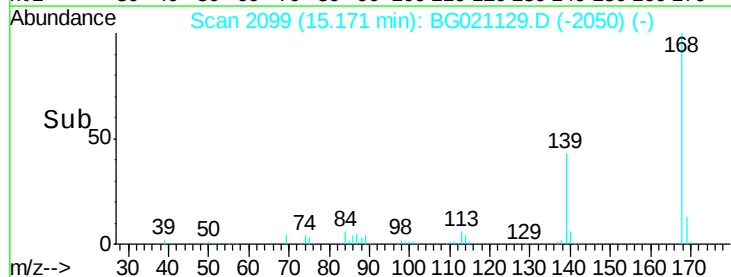
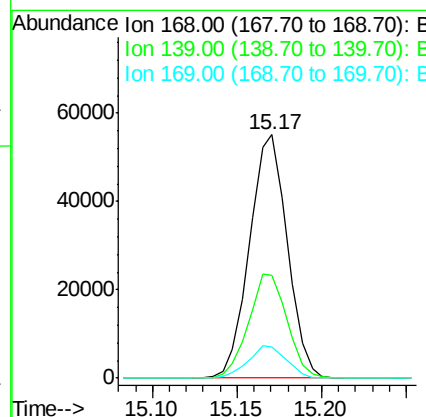
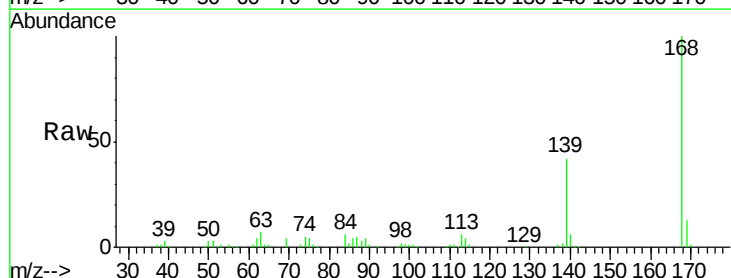
Instrument :
BNA_G
ClientSampleId :
PB88567BS

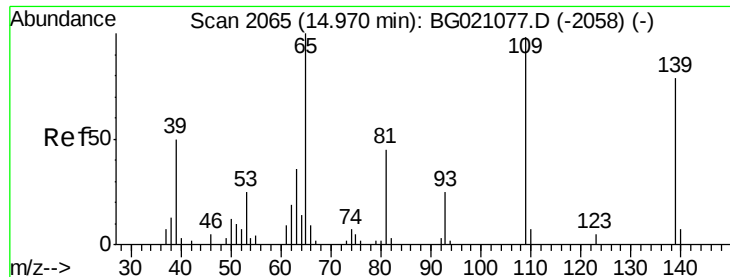
Tgt Ion:184 Resp: 22334
Ion Ratio Lower Upper
184 100
63 89.0 57.0 85.6#
154 82.3 51.3 76.9#



#54
Dibenzofuran
Concen: 45.80 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:168 Resp: 85442
Ion Ratio Lower Upper
168 100
139 42.3 29.8 44.8
169 13.0 11.4 17.2





#55

4-Nitrophenol

Concen: 100.88 ng

RT: 14.97 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

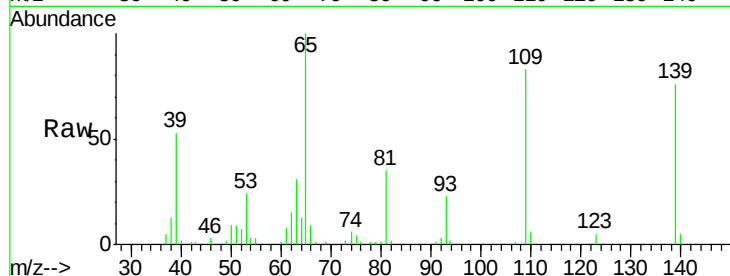
Tgt Ion:139 Resp: 32966

Ion Ratio Lower Upper

139 100

109 108.5 54.1 94.1#

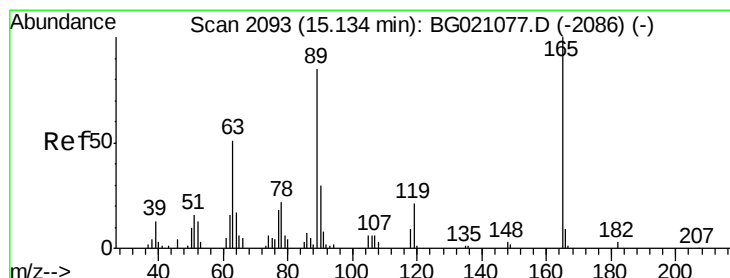
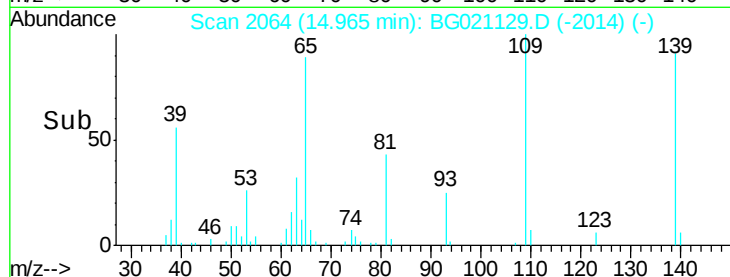
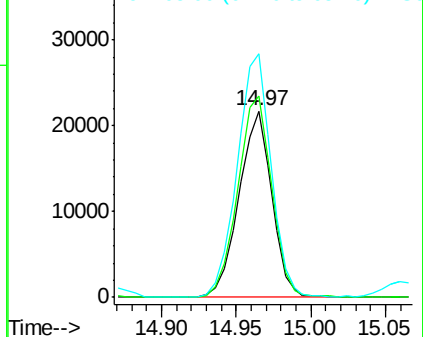
65 130.9 73.4 113.4#



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: 45.42 ng

RT: 15.12 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Tgt Ion:165 Resp: 24661

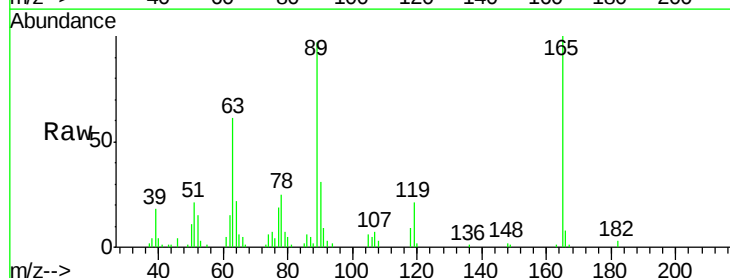
Ion Ratio Lower Upper

165 100

63 60.8 34.1 51.1#

89 96.6 63.0 94.4#

182 2.8 1.4 2.2#

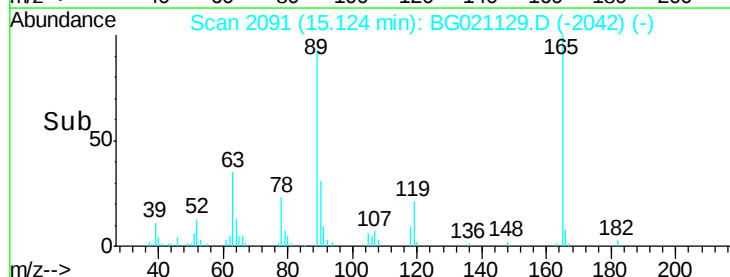
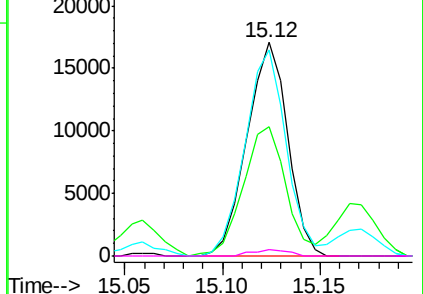


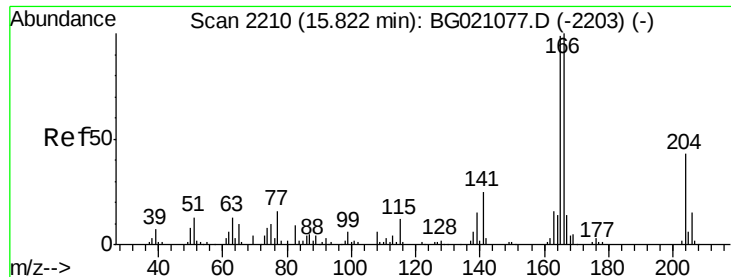
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.39 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

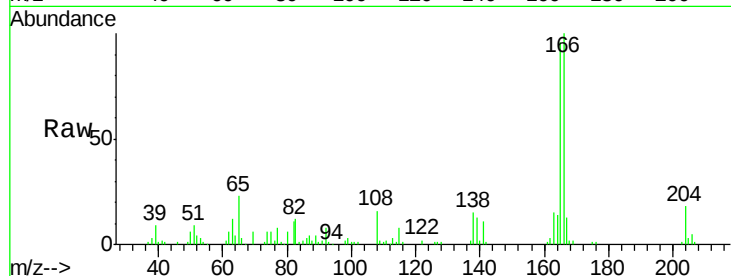
Tgt Ion:166 Resp: 76933

Ion Ratio Lower Upper

166 100

165 96.1 81.3 121.9

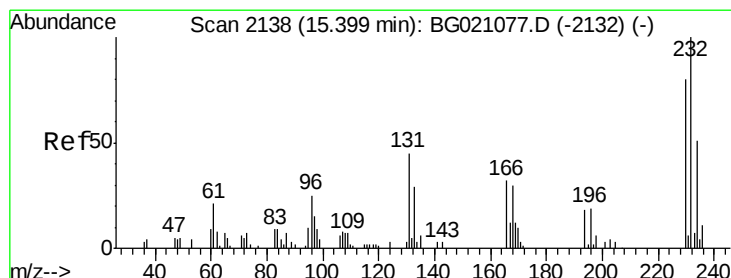
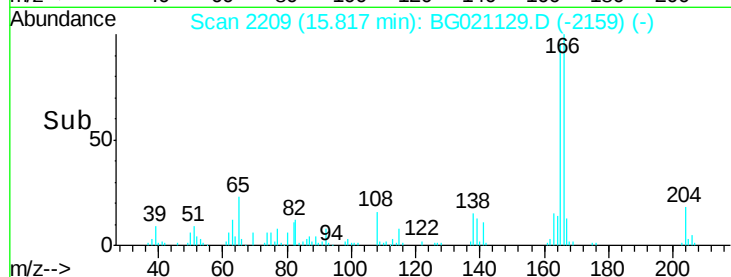
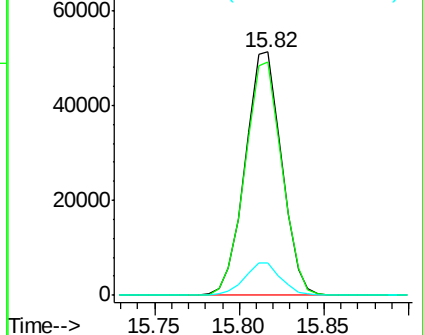
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.96 ng

RT: 15.39 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Tgt Ion:232 Resp: 19868

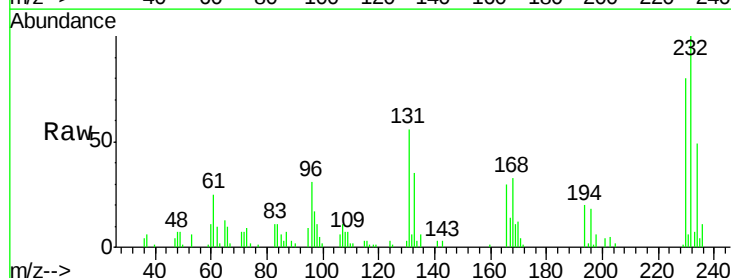
Ion Ratio Lower Upper

232 100

131 57.4 41.4 62.2

130 3.2 1.8 2.8#

166 34.0 26.6 39.8

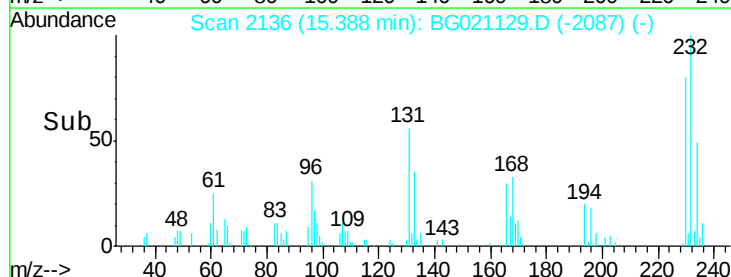
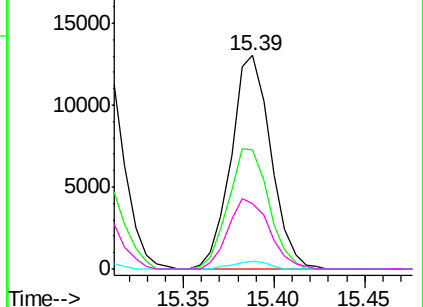


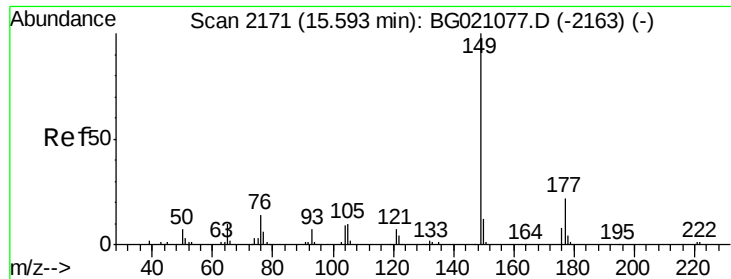
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

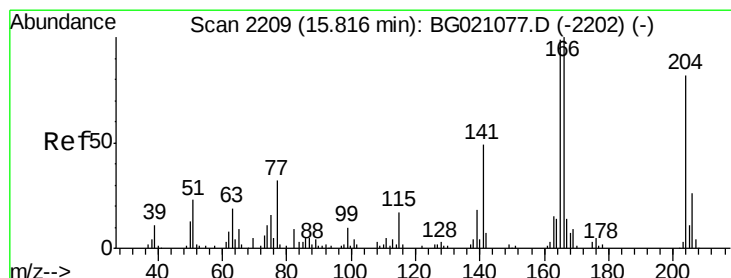
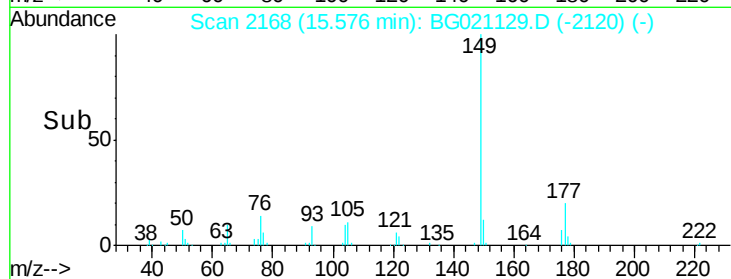
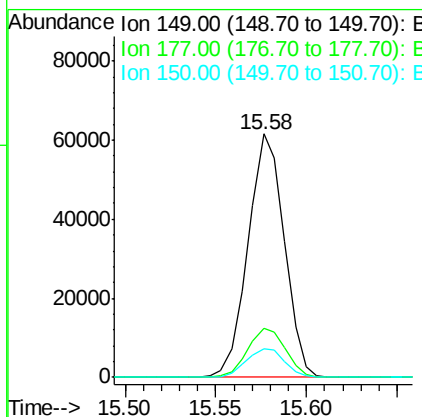
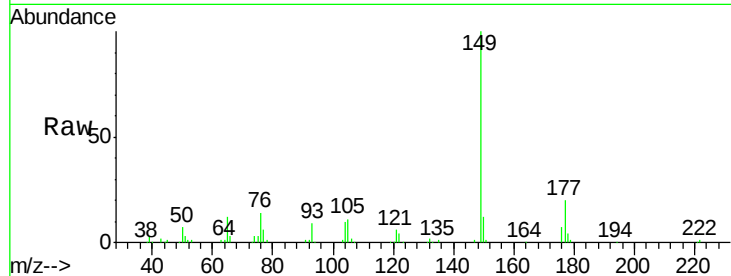




#59
Diethylphthalate
Concen: 43.95 ng
RT: 15.58 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

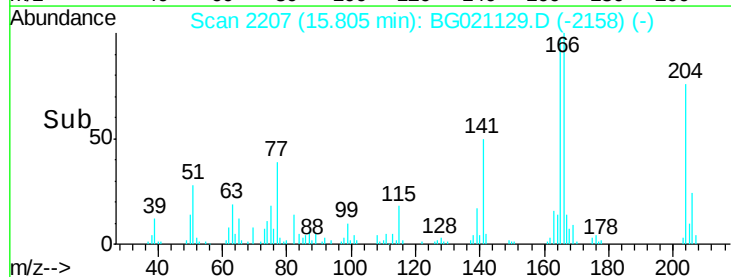
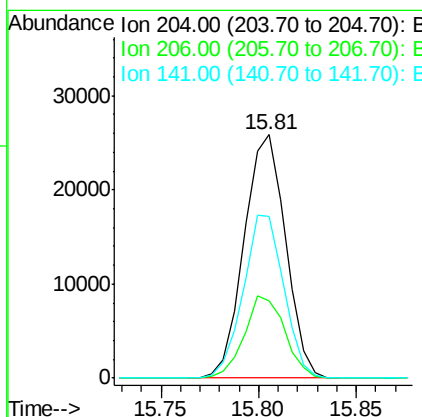
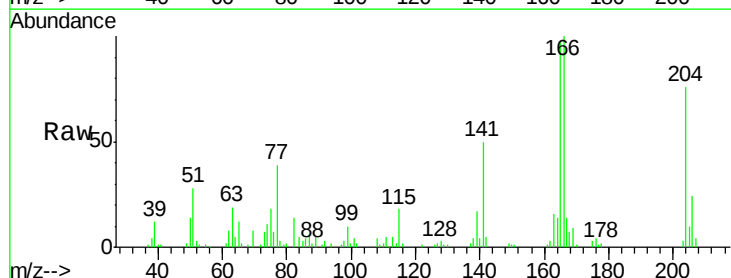
Instrument :
BNA_G
ClientSampleId :
PB88567BS

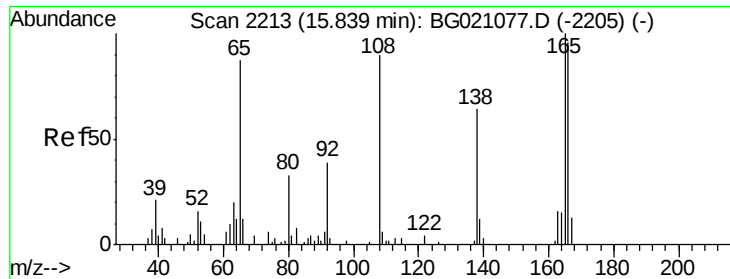
Tgt Ion:149 Resp: 85263
Ion Ratio Lower Upper
149 100
177 19.9 15.8 23.8
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.08 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:204 Resp: 38014
Ion Ratio Lower Upper
204 100
206 31.9 26.9 40.3
141 66.2 50.8 76.2

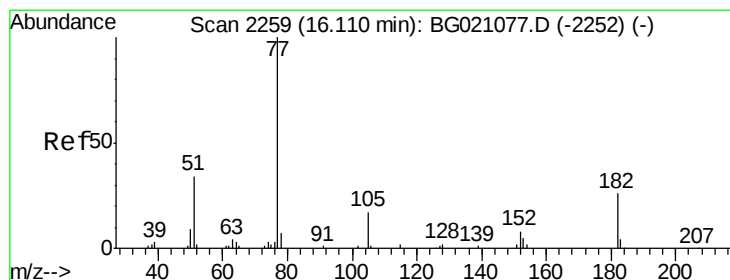
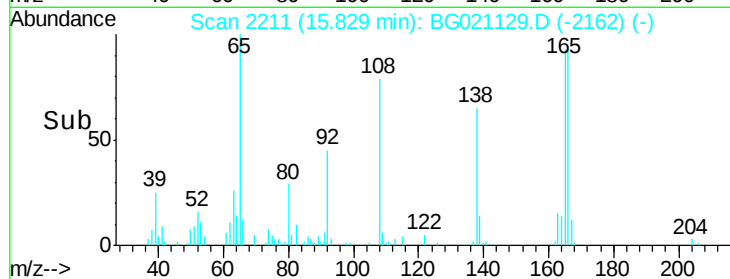
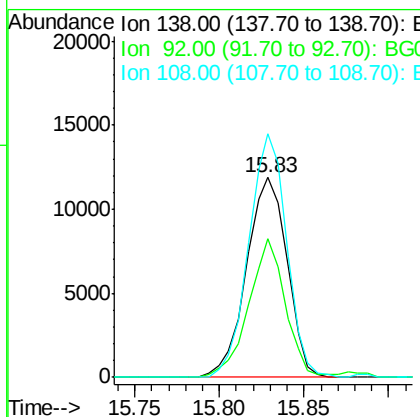
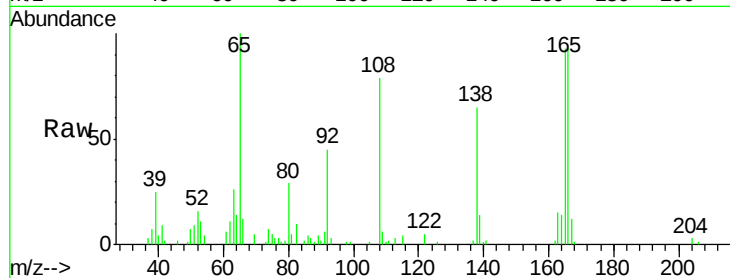




#61
4-Nitroaniline
Concen: 47.42 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

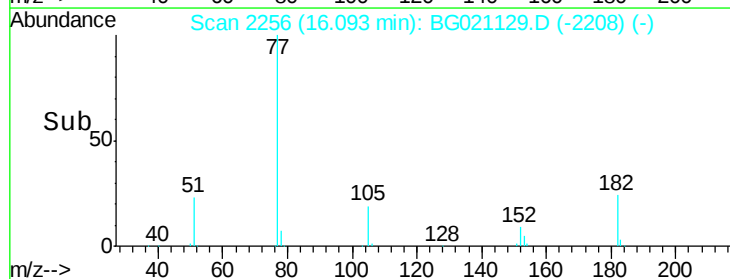
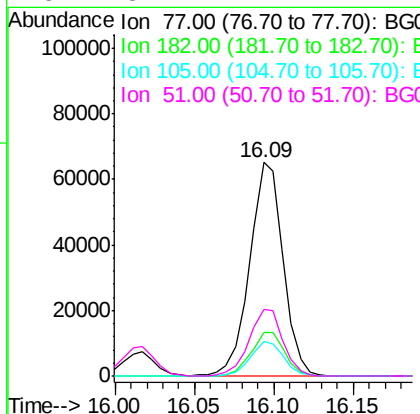
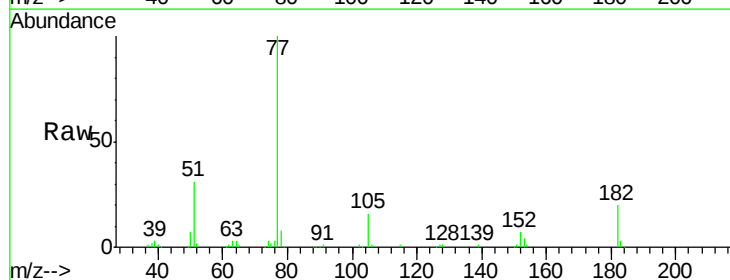
Instrument :
BNA_G
ClientSampleId :
PB88567BS

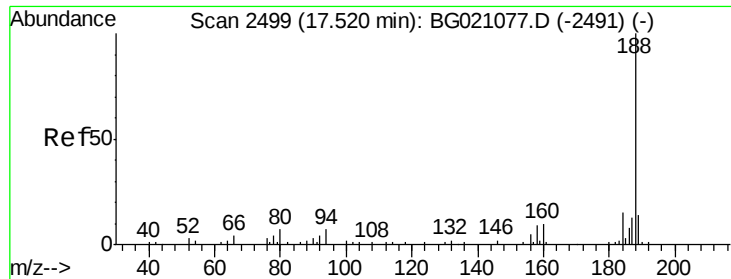
Tgt Ion: 138 Resp: 19896
Ion Ratio Lower Upper
138 100
92 69.1 28.0 68.0#
108 121.8 52.6 92.6#



#62
Azobenzene
Concen: 56.80 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion: 77 Resp: 95465
Ion Ratio Lower Upper
77 100
182 20.2 0.7 40.7
105 16.2 0.0 38.3
51 31.2 4.4 44.4

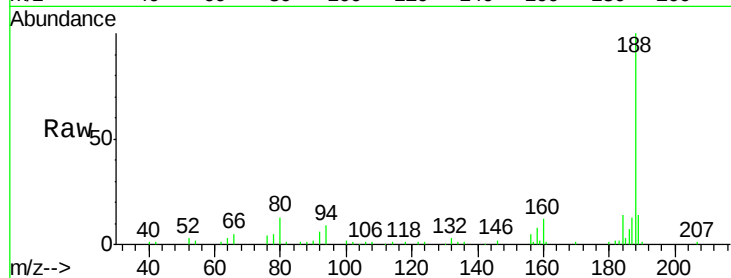




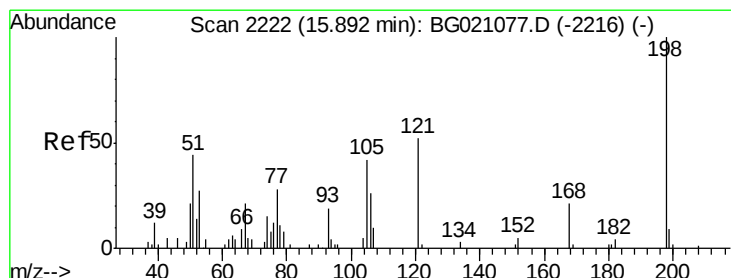
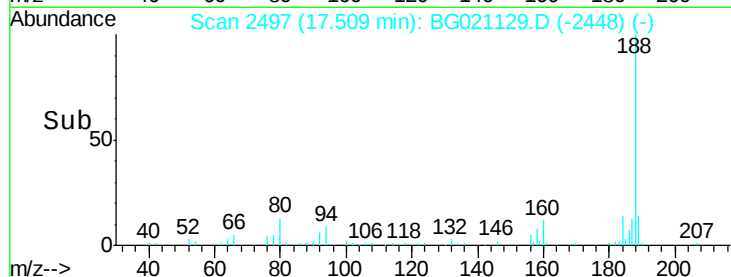
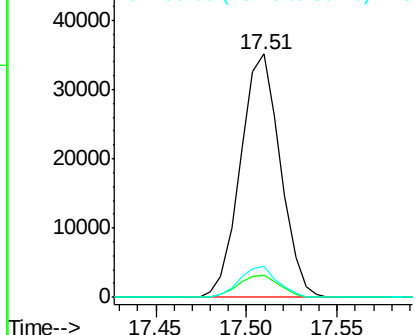
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Instrument :
BNA_G
ClientSampleId :
PB88567BS

Tgt Ion:188 Resp: 53501
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.4
80 12.6 9.2 13.8

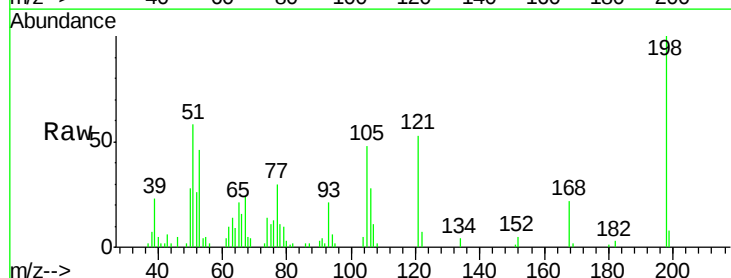


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

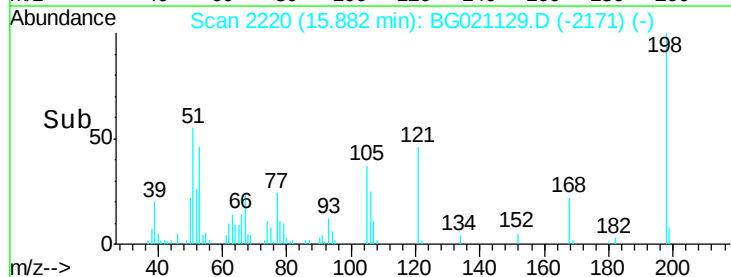
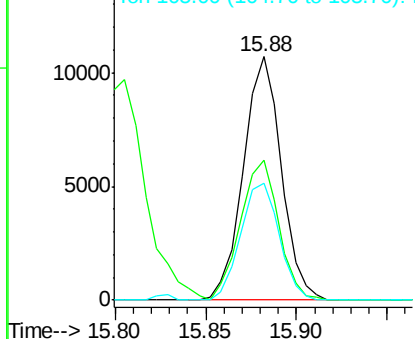


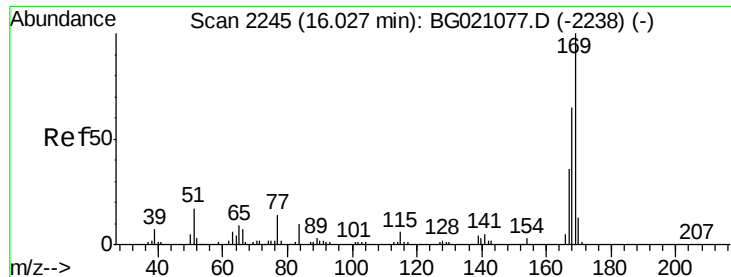
#64
4,6-Dinitro-2-methylphenol
Concen: 39.58 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:198 Resp: 15533
Ion Ratio Lower Upper
198 100
51 57.7 30.4 70.4
105 48.2 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

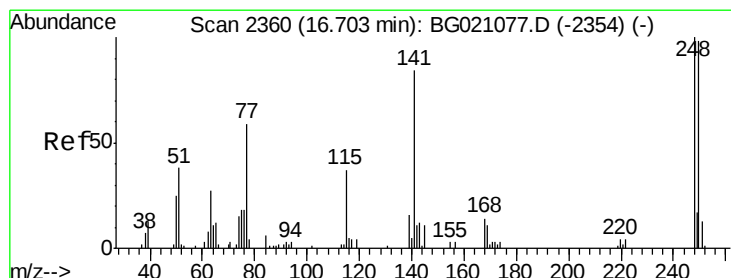
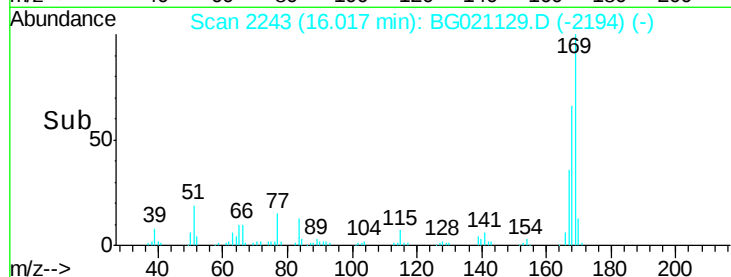
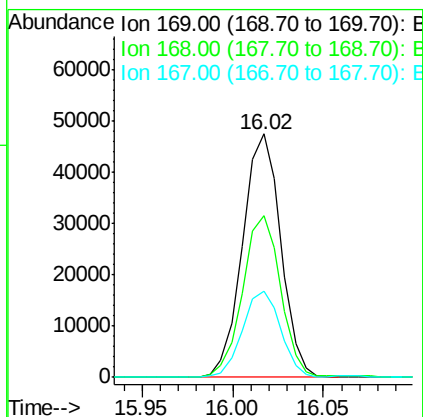
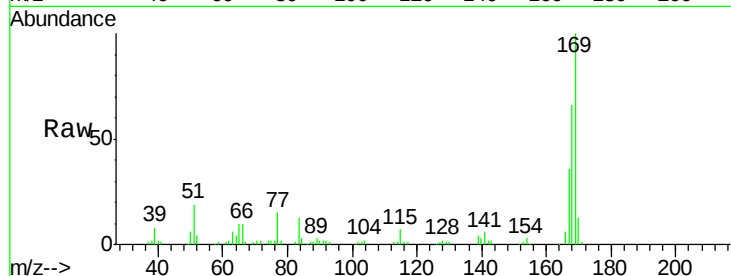




#65
 n-Nitrosodiphenylamine
 Concen: 44.06 ng
 RT: 16.02 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

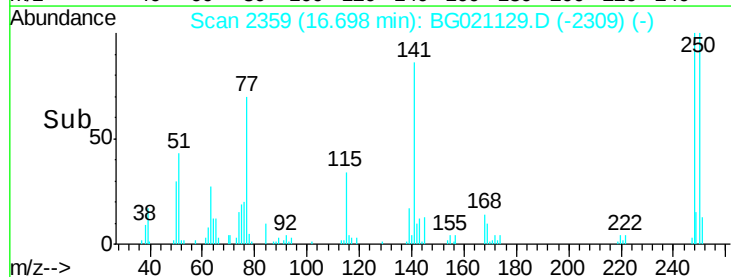
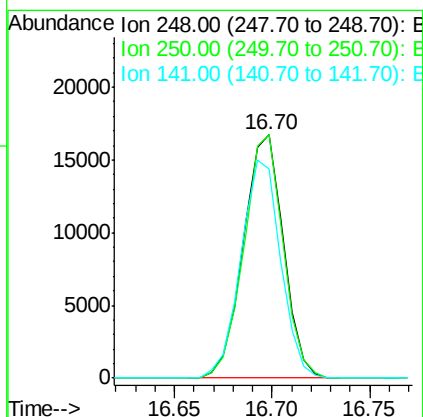
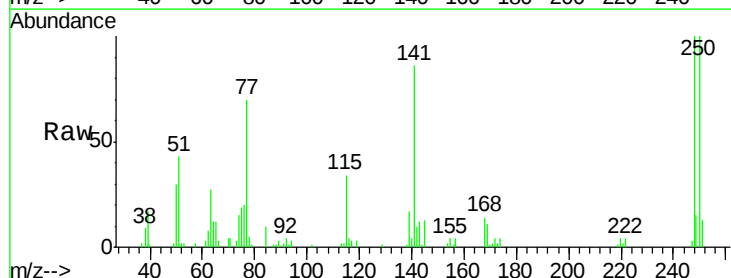
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

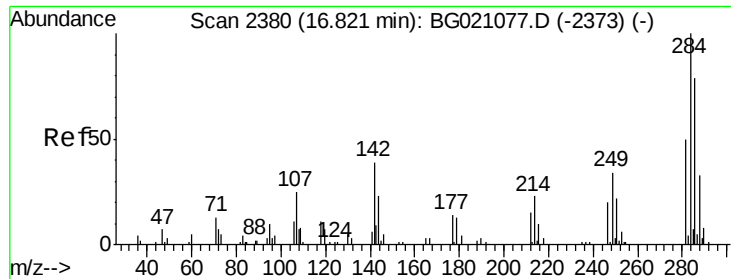
Tgt Ion:169 Resp: 69552
 Ion Ratio Lower Upper
 169 100
 168 66.3 58.2 87.2
 167 35.5 31.0 46.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.69 ng
 RT: 16.70 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:248 Resp: 23738
 Ion Ratio Lower Upper
 248 100
 250 100.1 76.4 114.6
 141 86.2 57.4 86.0#

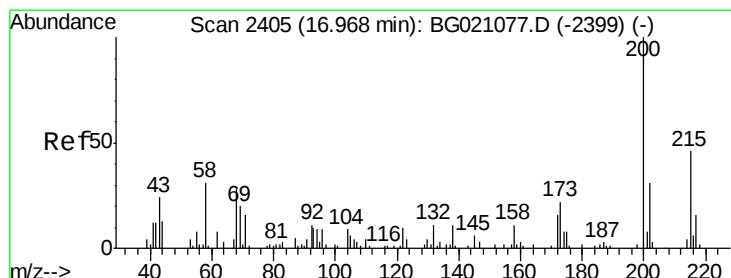
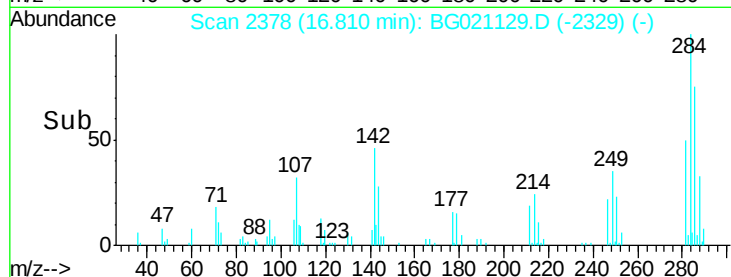
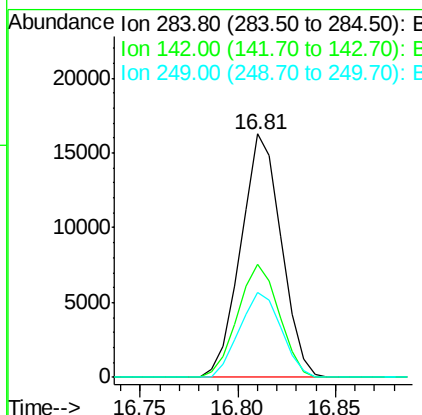
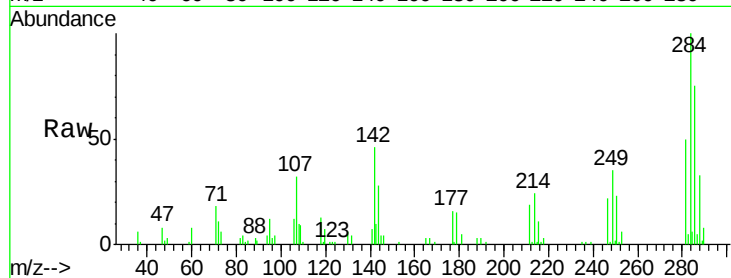




#67
Hexachlorobenzene
Concen: 35.06 ng
RT: 16.81 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

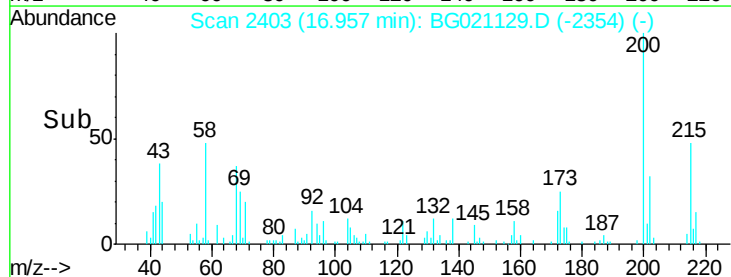
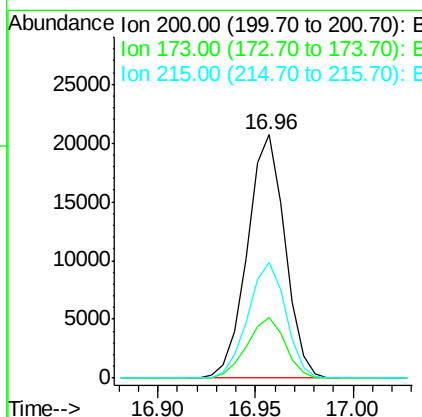
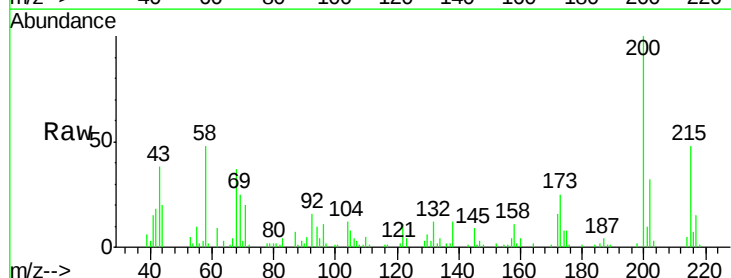
Instrument :
BNA_G
ClientSampleId :
PB88567BS

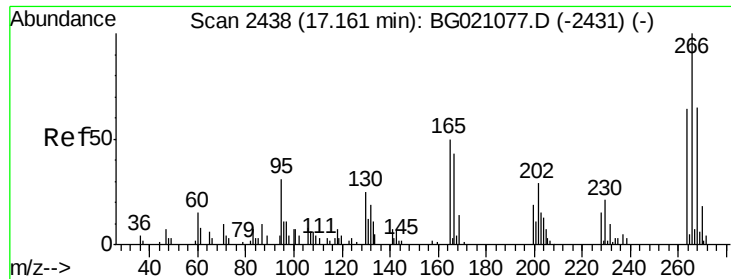
Tgt Ion:284 Resp: 23300
Ion Ratio Lower Upper
284 100
142 46.3 32.1 48.1
249 37.2 24.0 36.0#



#68
Atrazine
Concen: 47.22 ng
RT: 16.96 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:200 Resp: 27615
Ion Ratio Lower Upper
200 100
173 24.9 3.9 43.9
215 47.5 29.0 69.0

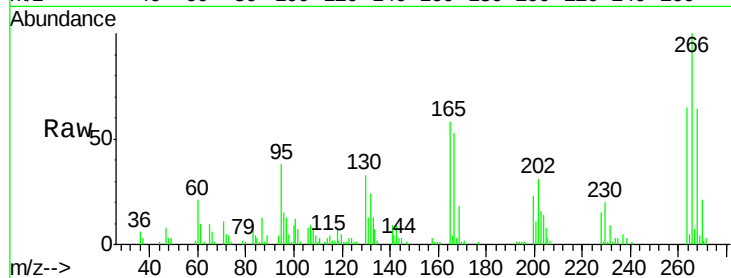




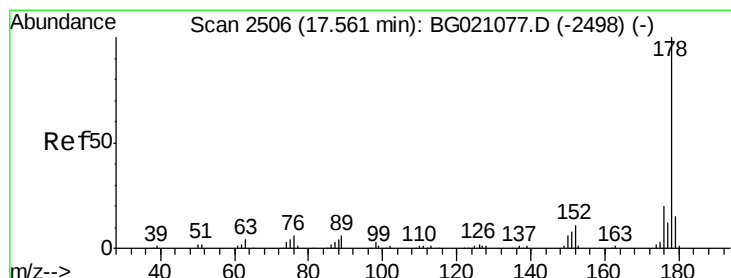
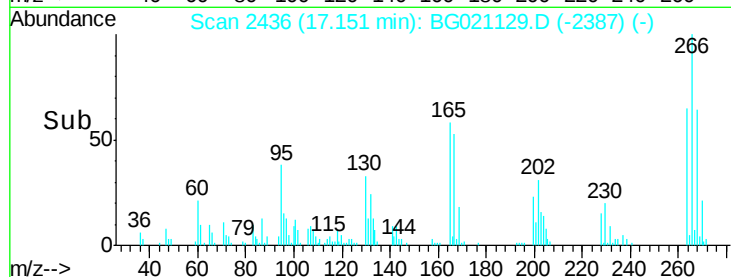
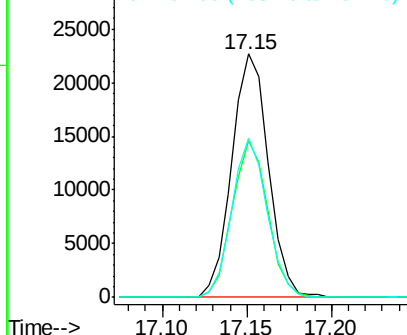
#69
 Pentachlorophenol
 Concen: 76.22 ng
 RT: 17.15 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

Tgt Ion:266 Resp: 34192
 Ion Ratio Lower Upper
 266 100
 268 68.7 51.0 76.6
 264 70.5 47.8 71.8

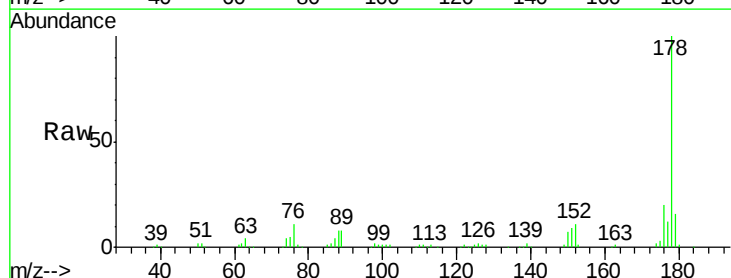


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

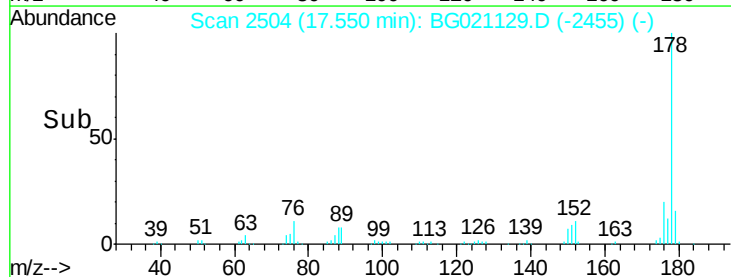
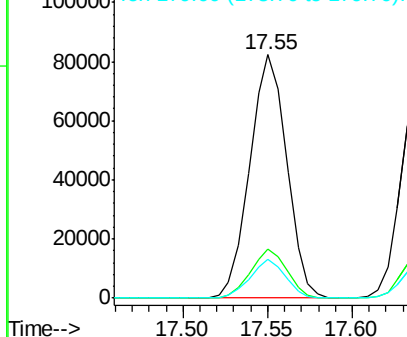


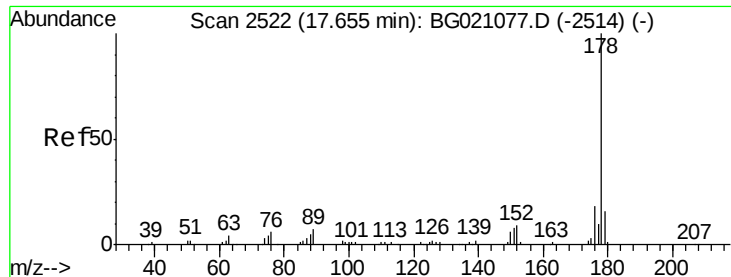
#70
 Phenanthrene
 Concen: 43.54 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:178 Resp: 125326
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.8 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

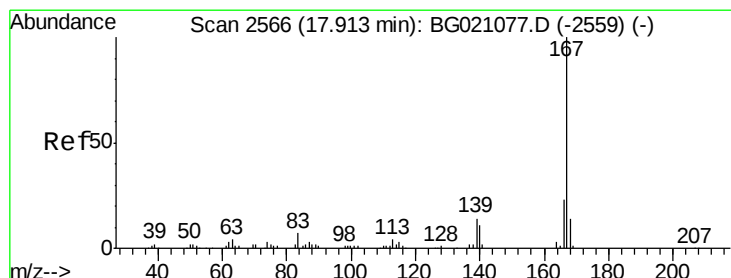
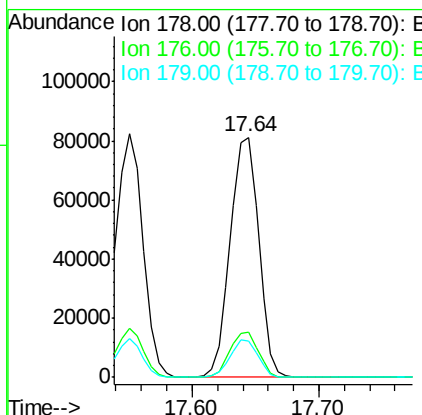
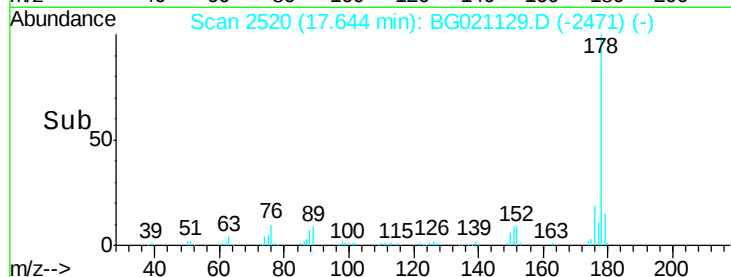
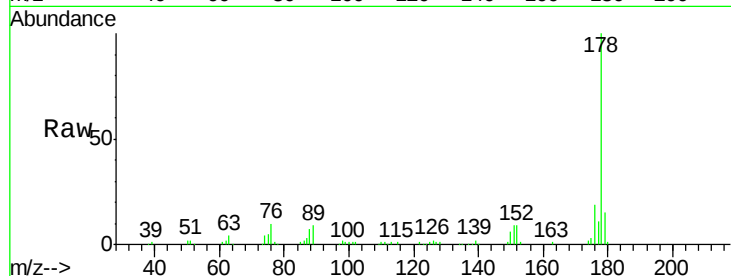




#71
 Anthracene
 Concen: 43.69 ng
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

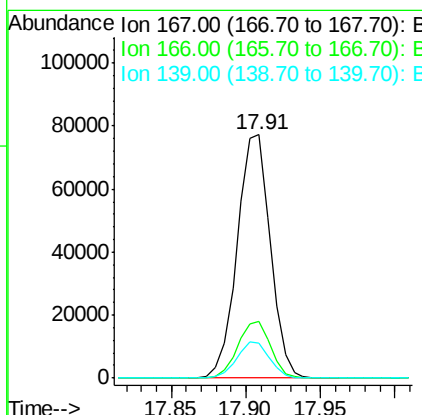
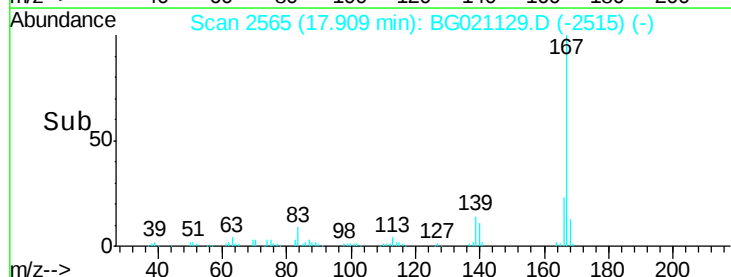
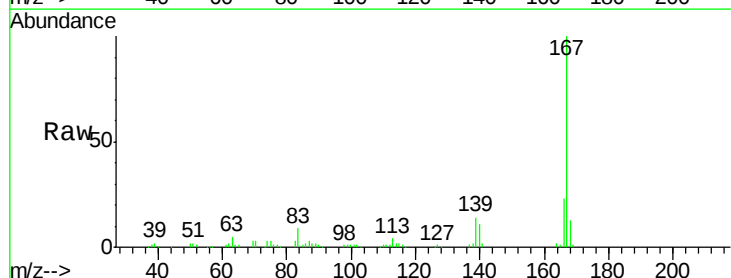
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

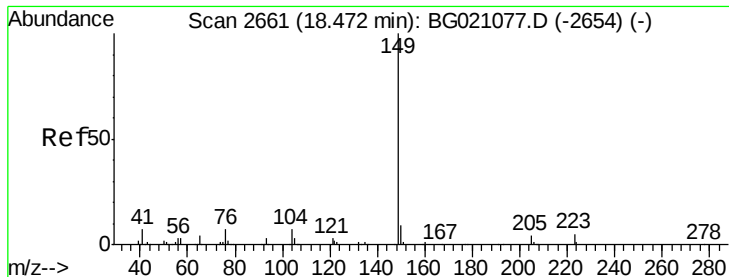
Tgt Ion:178 Resp: 126665
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 47.44 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.00 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:167 Resp: 118734
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.5 26.3
 139 14.2 10.3 15.5





#73

Di-n-butylphthalate

Concen: 47.52 ng

RT: 18.46 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

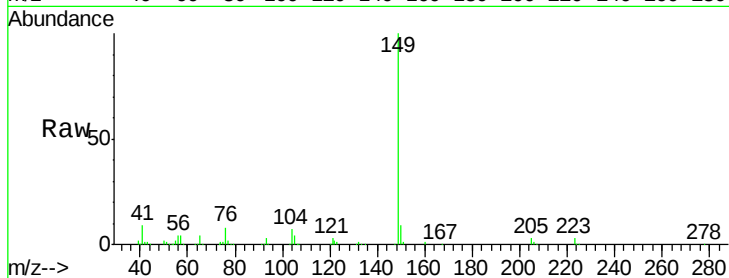
Tgt Ion:149 Resp: 156792

Ion Ratio Lower Upper

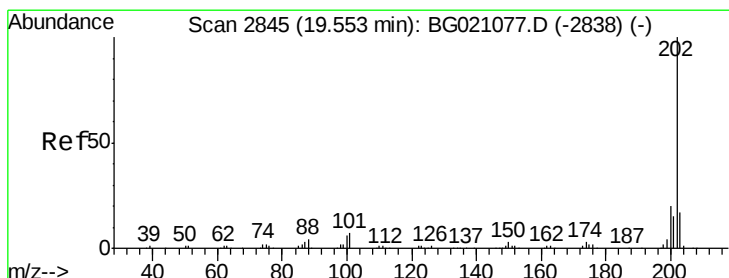
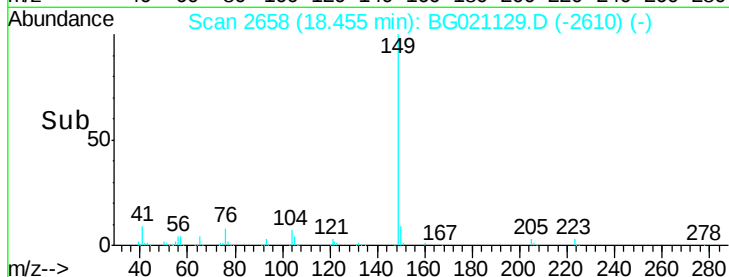
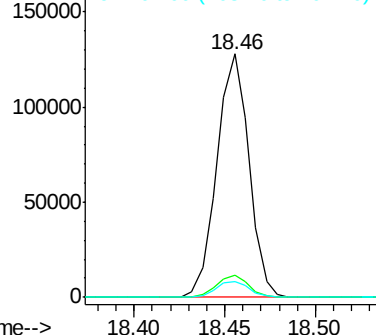
149 100

150 8.9 7.6 11.4

104 6.7 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: 42.63 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

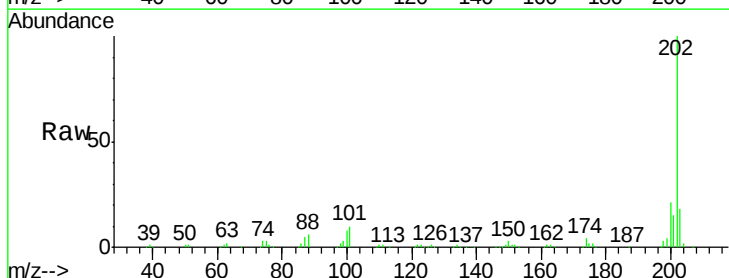
Tgt Ion:202 Resp: 153940

Ion Ratio Lower Upper

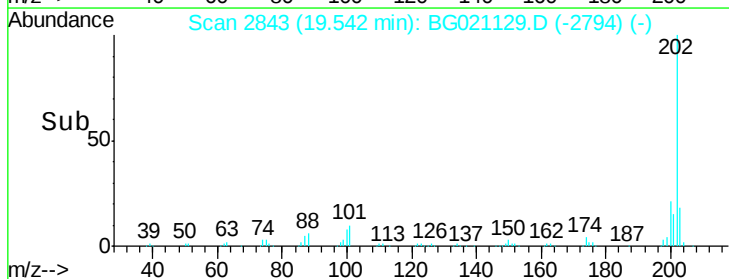
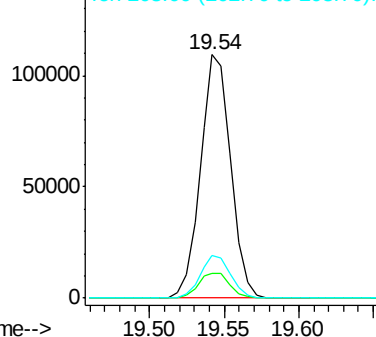
202 100

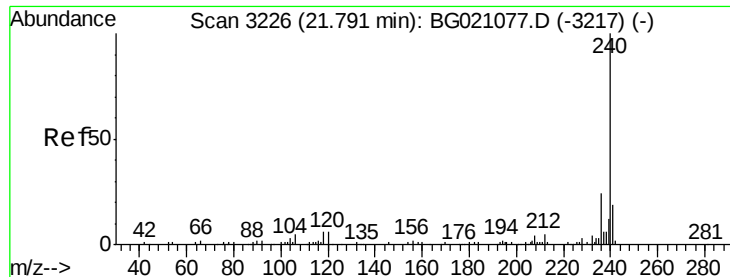
101 10.3 0.0 32.5

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# 3223

Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

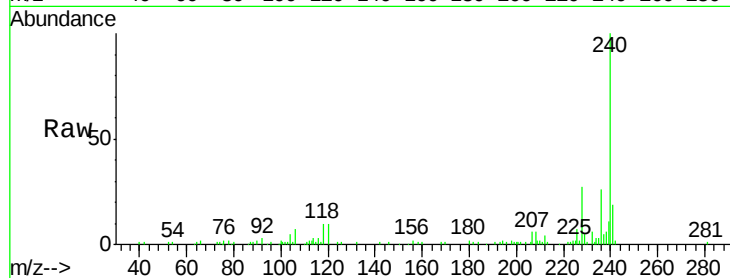
Tgt Ion:240 Resp: 60333

Ion Ratio Lower Upper

240 100

120 9.7 7.5 11.3

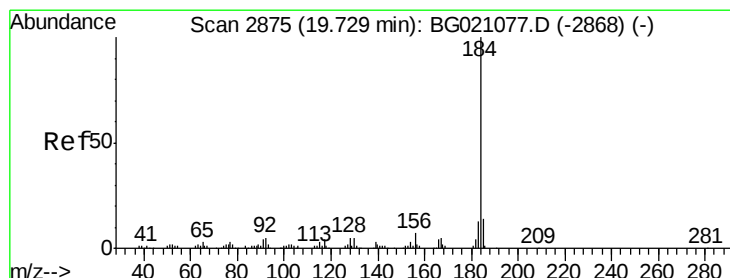
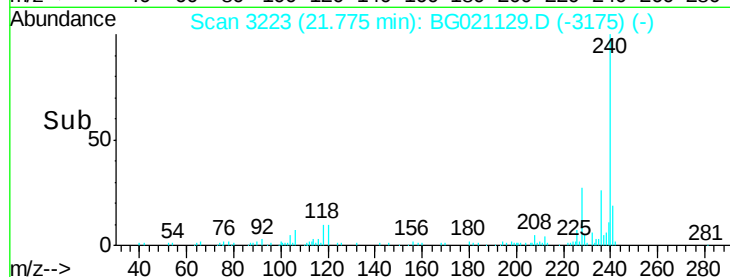
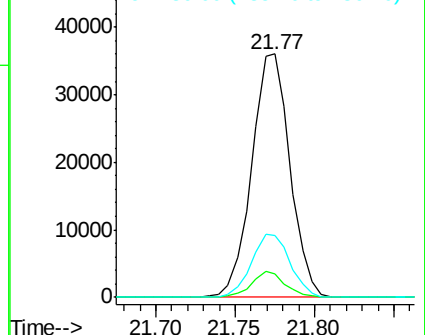
236 25.6 20.5 30.7



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: 20.14 ng

RT: 19.72 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

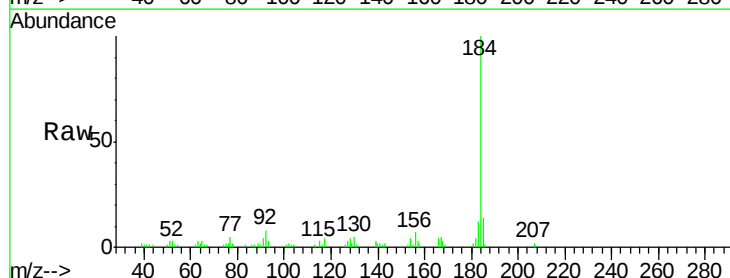
Tgt Ion:184 Resp: 31975

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

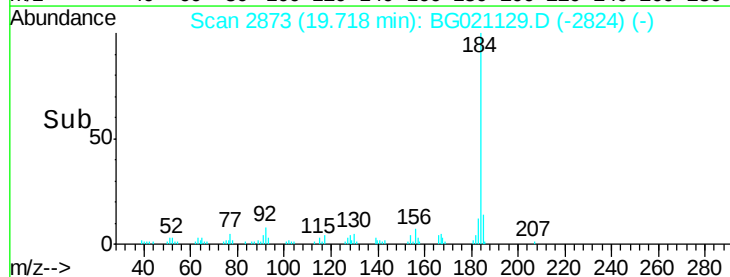
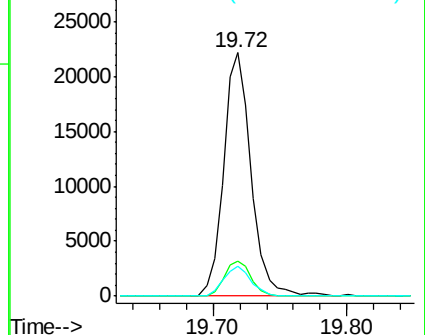
183 12.3 10.1 15.1

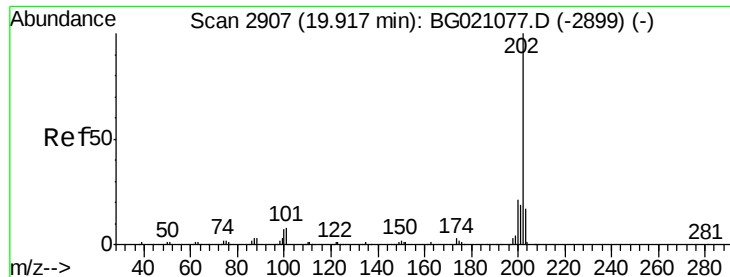


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.03 ng

RT: 19.91 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

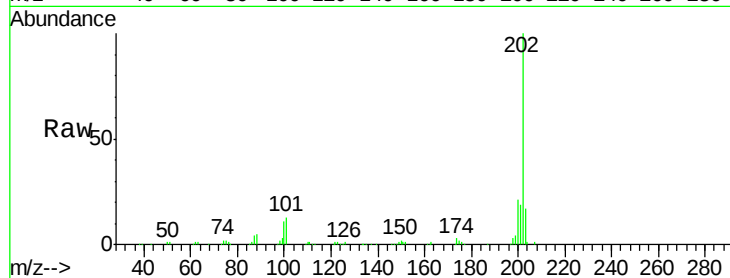
Tgt Ion:202 Resp: 160448

Ion Ratio Lower Upper

202 100

200 21.3 16.6 25.0

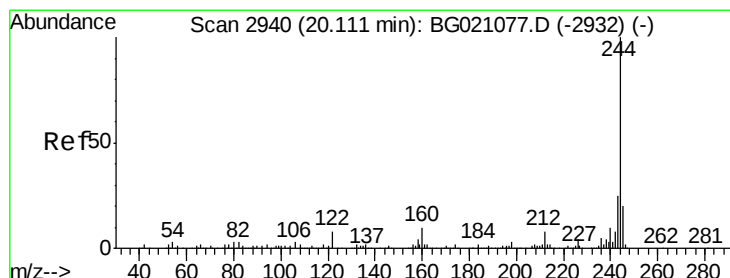
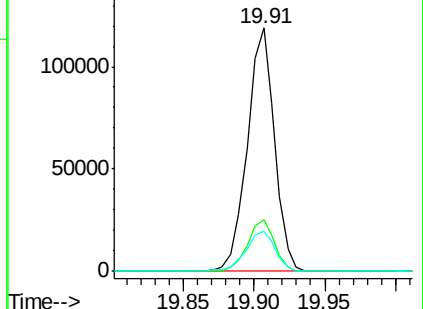
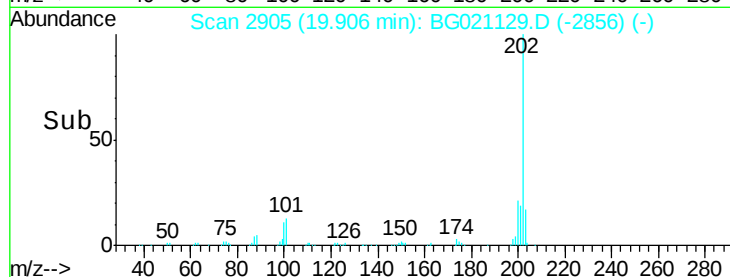
203 16.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.30 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

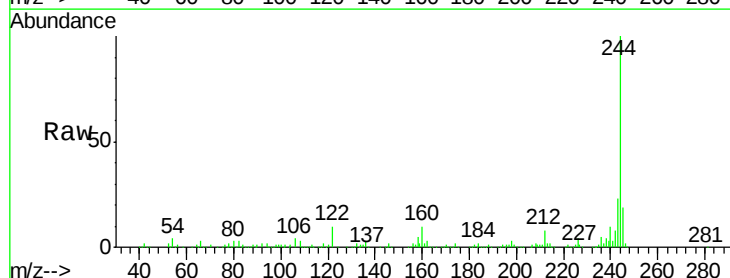
Tgt Ion:244 Resp: 225367

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

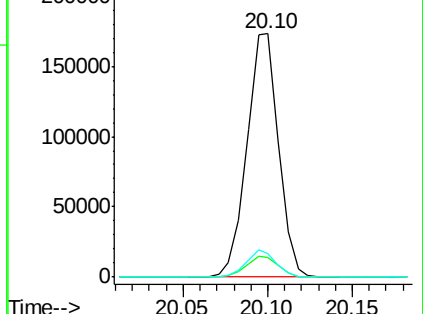
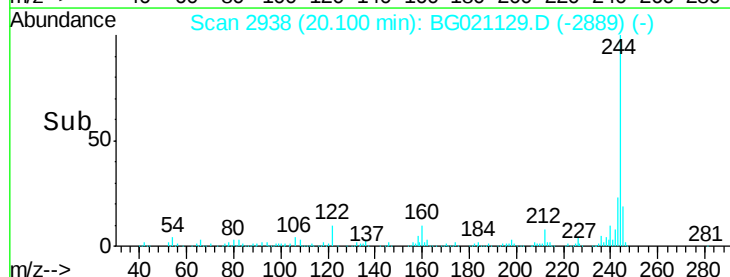
122 9.5 8.3 12.5

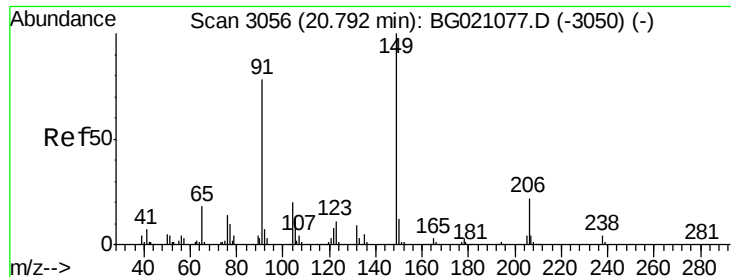


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

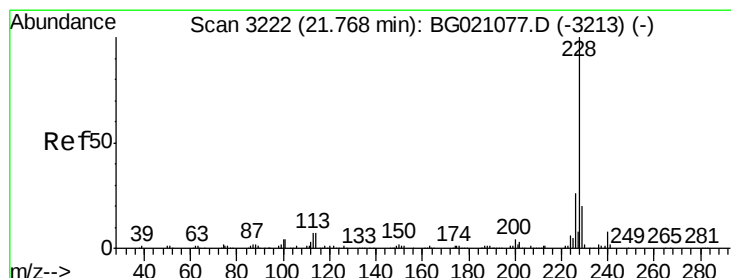
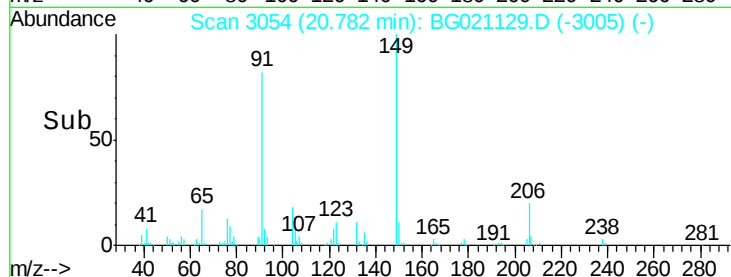
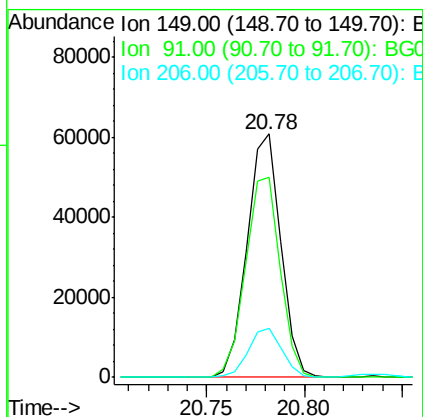
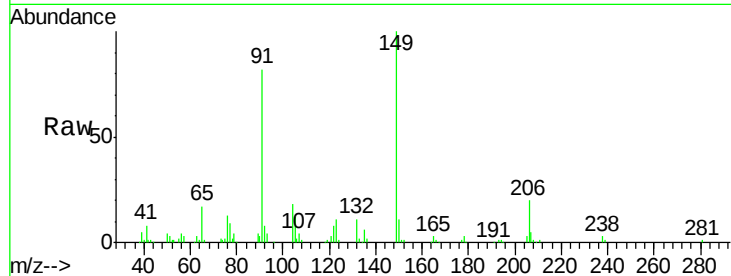




#79
Butylbenzylphthalate
Concen: 52.28 ng
RT: 20.78 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

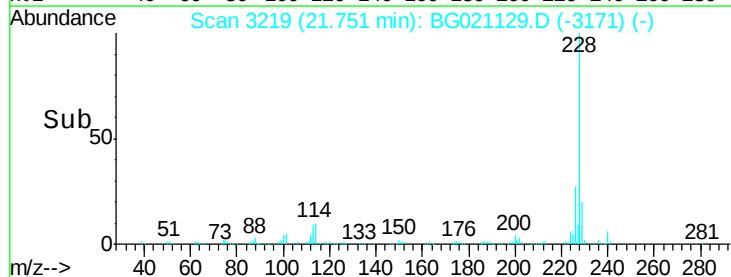
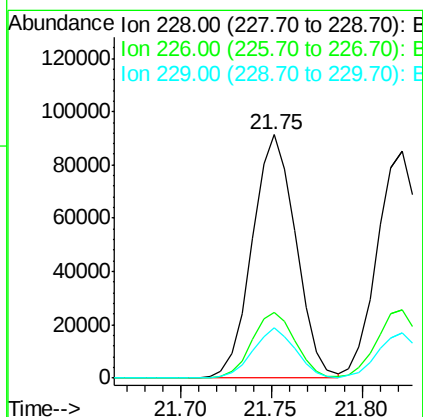
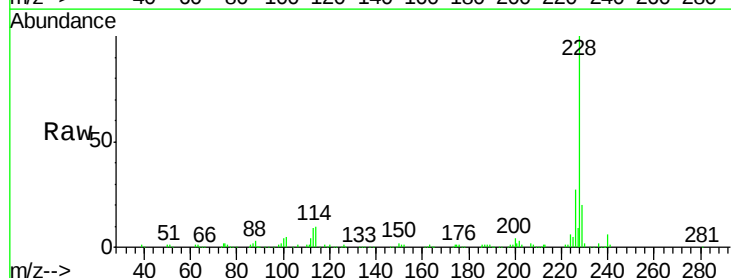
Instrument :
BNA_G
ClientSampleId :
PB88567BS

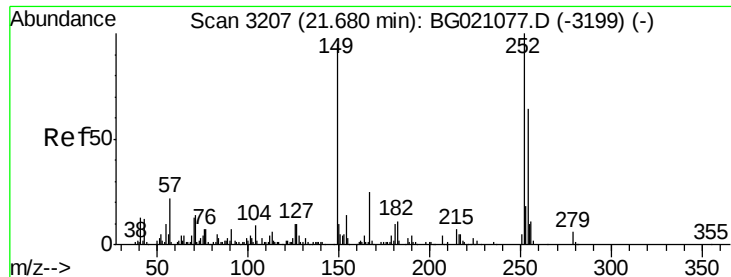
Tgt Ion:149 Resp: 72892
Ion Ratio Lower Upper
149 100
91 82.3 58.6 87.8
206 20.1 14.2 21.4



#80
Benzo(a)anthracene
Concen: 44.29 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG021129.D
Acq: 28 Feb 2016 00:16

Tgt Ion:228 Resp: 153745
Ion Ratio Lower Upper
228 100
226 27.0 22.7 34.1
229 20.5 15.5 23.3

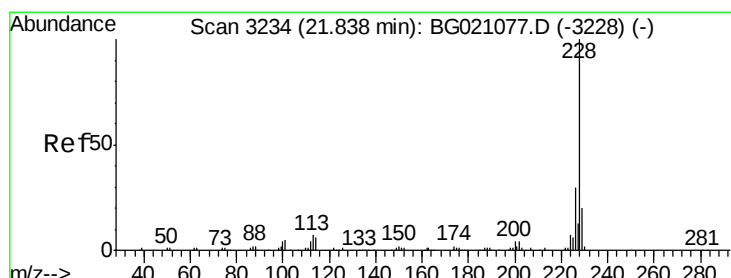
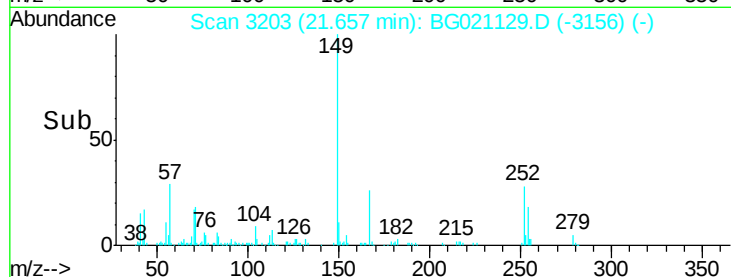
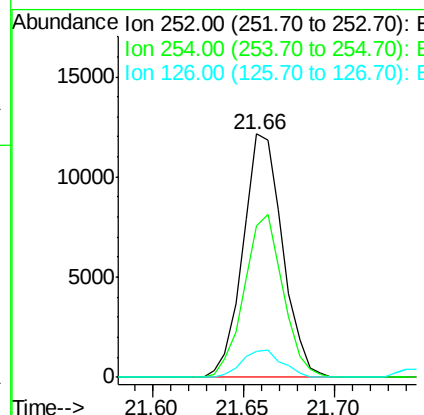
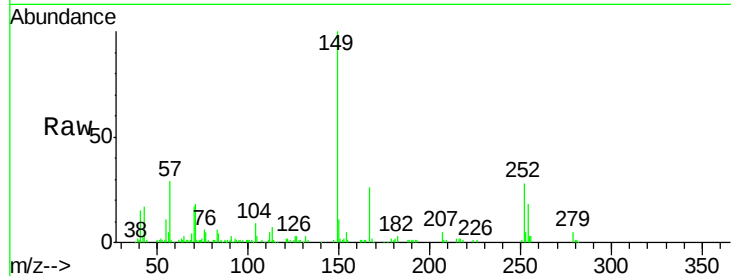




#81
 3,3'-Dichlorobenzidine
 Concen: 13.54 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.02 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

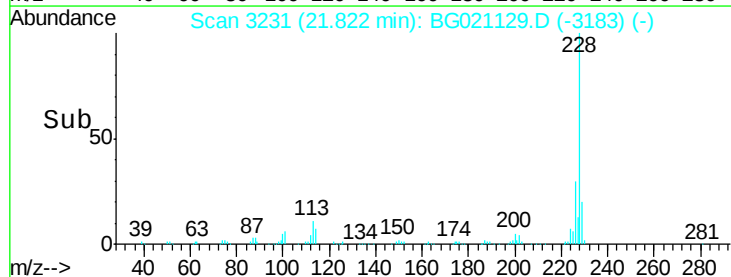
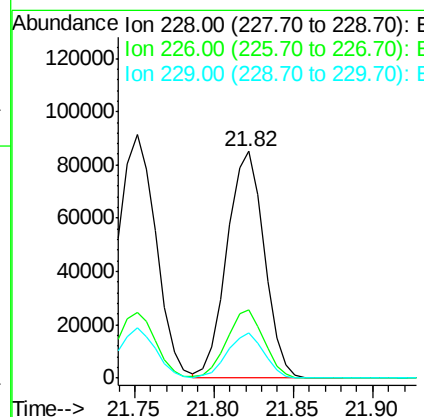
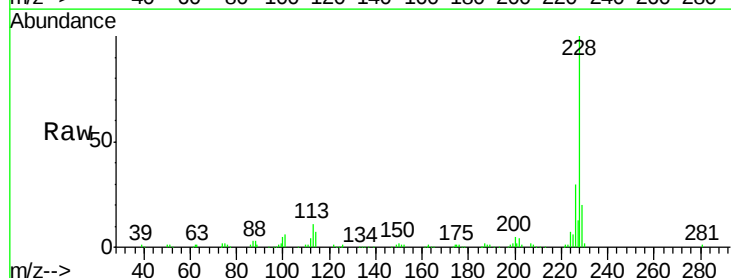
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

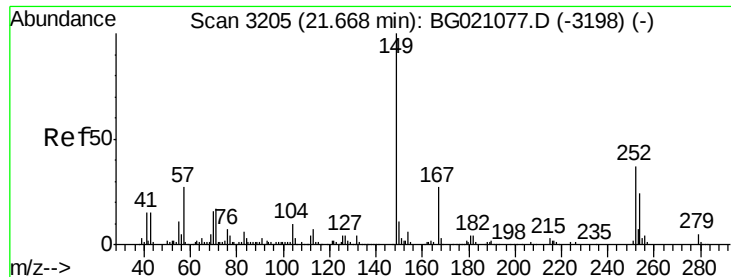
Tgt Ion:252 Resp: 18392
 Ion Ratio Lower Upper
 252 100
 254 62.1 52.6 79.0
 126 10.6 8.3 12.5



#82
 Chrysene
 Concen: 41.49 ng
 RT: 21.82 min Scan# 3231
 Delta R.T. -0.02 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion:228 Resp: 138714
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.7 35.5
 229 20.0 16.7 25.1

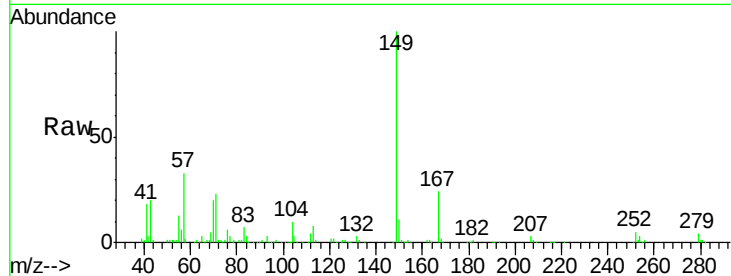




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.90 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.02 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.3	18.9	28.3
279	4.5	3.0	4.6

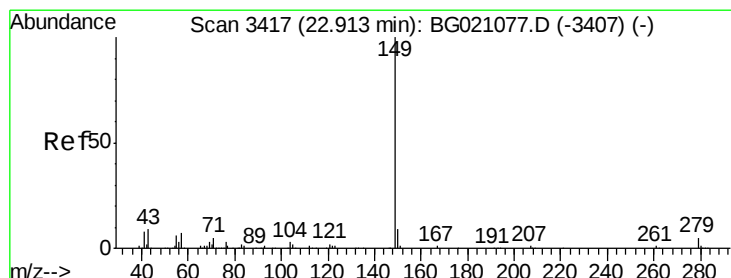
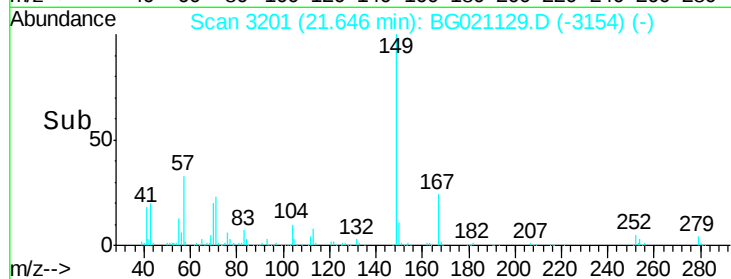
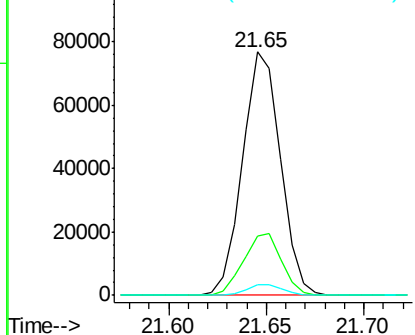


Abundance

Ion 149.00 (148.70 to 149.70): E

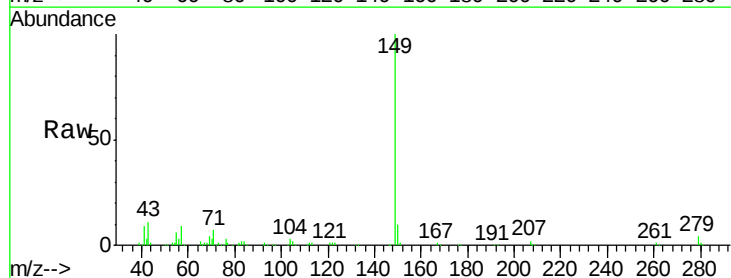
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 50.02 ng
 RT: 22.89 min Scan# 3412
 Delta R.T. -0.03 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.3	9.8	14.8

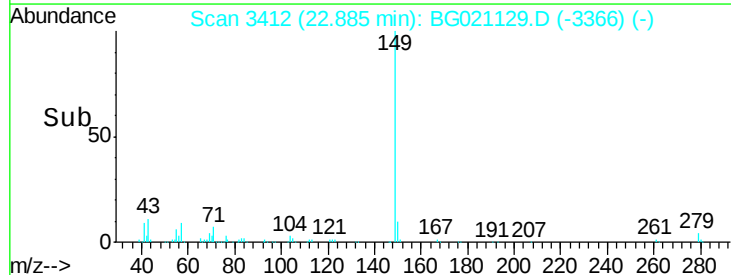
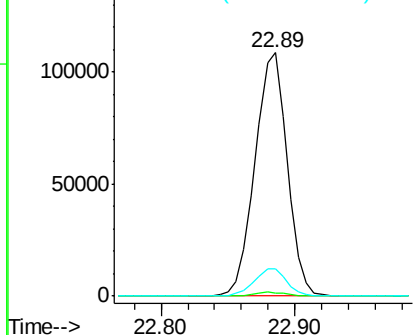


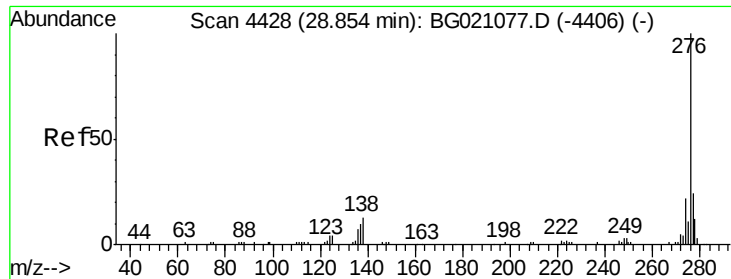
Abundance

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

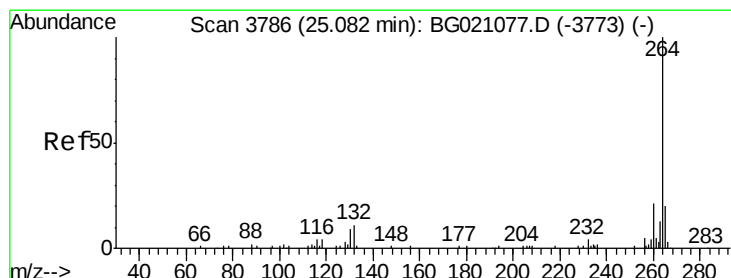
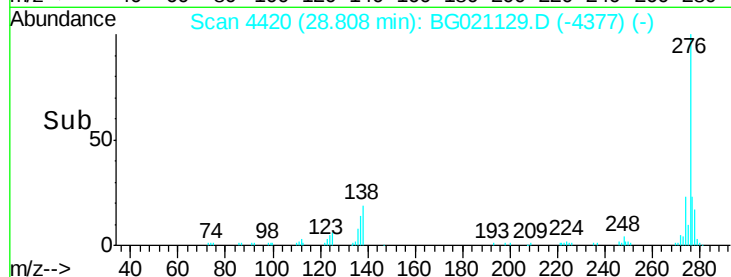
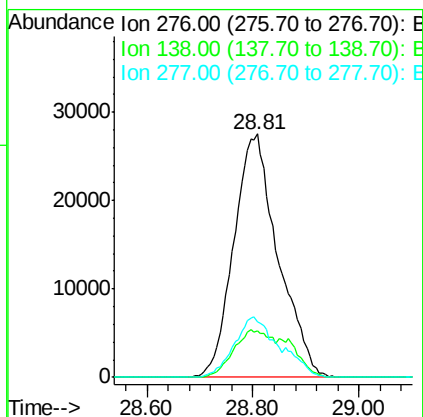
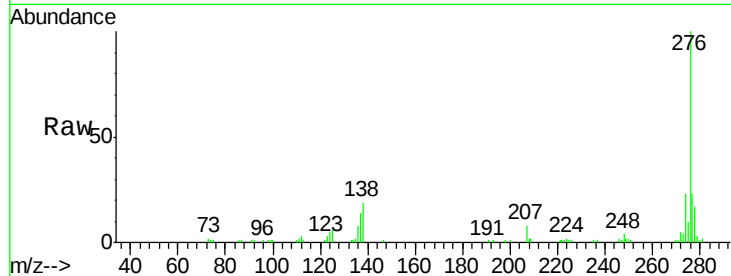




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.55 ng
 RT: 28.81 min Scan# 4420
 Delta R.T. -0.05 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

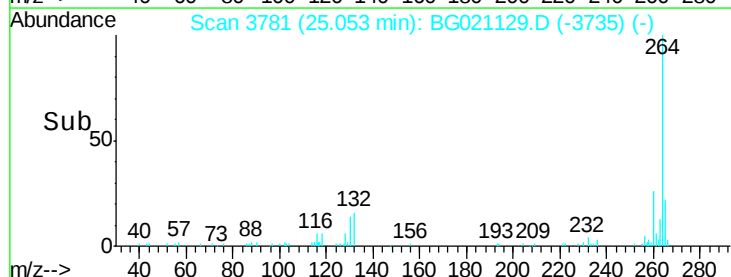
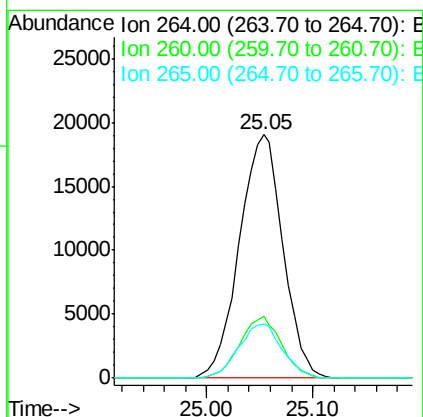
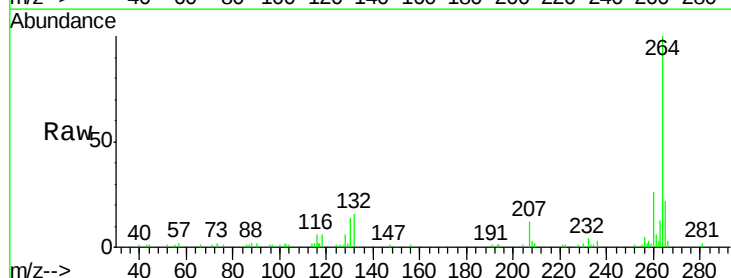
Instrument :
 BNA_G
 ClientSampleId :
 PB88567BS

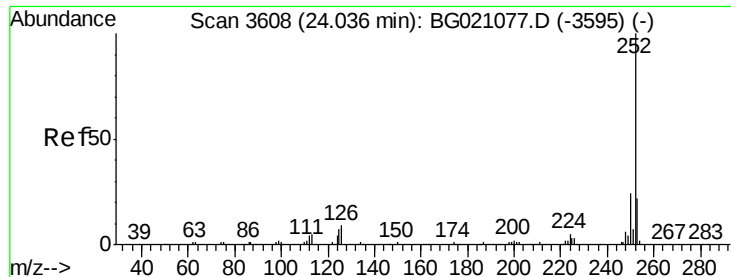
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	0.0	0.0#
277	21.1	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3781
 Delta R.T. -0.03 min
 Lab File: BG021129.D
 Acq: 28 Feb 2016 00:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.5	27.7
265	22.3	18.6	28.0





#87

Benzo(b)fluoranthene

Concen: 44.50 ng

RT: 24.01 min Scan# 3603

Delta R.T. -0.03 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

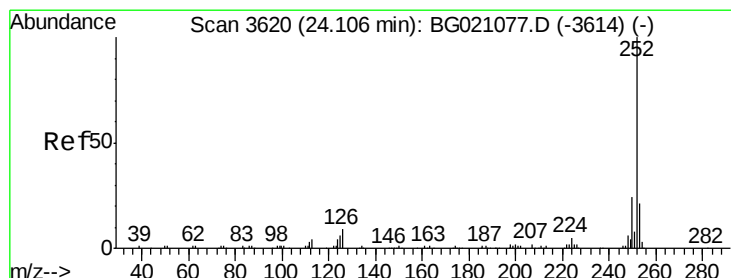
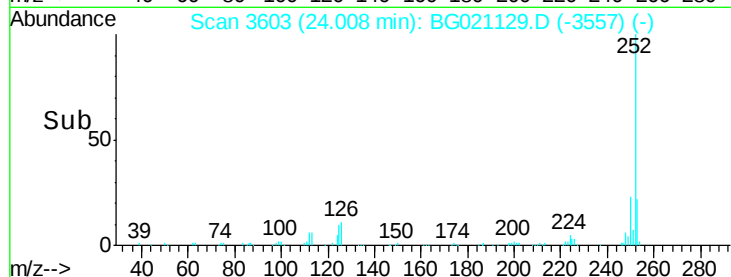
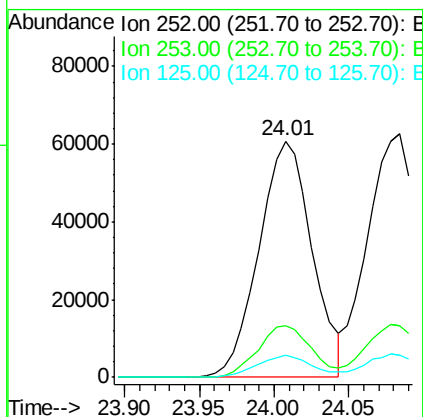
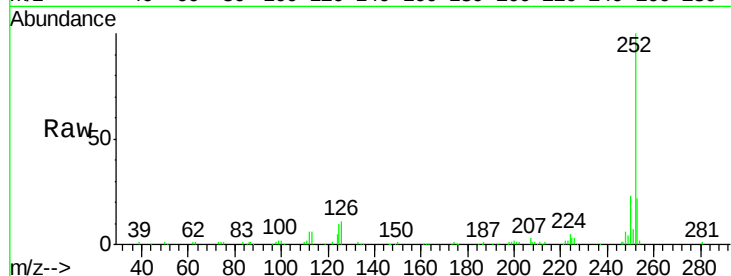
Instrument :

BNA_G

ClientSampleId :

PB88567BS

Tgt Ion:	252	Resp:	150869
Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.8	25.2
125	9.6	8.2	12.2



#88

Benzo(k)fluoranthene

Concen: 43.95 ng

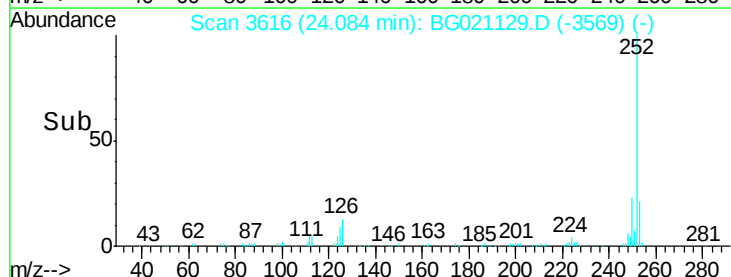
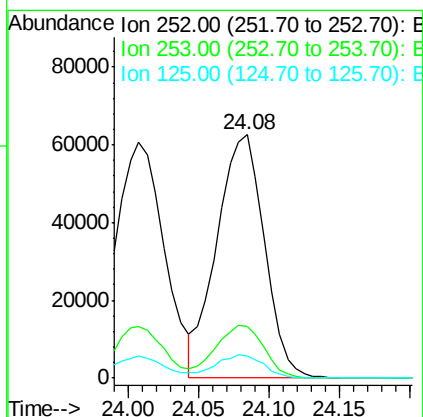
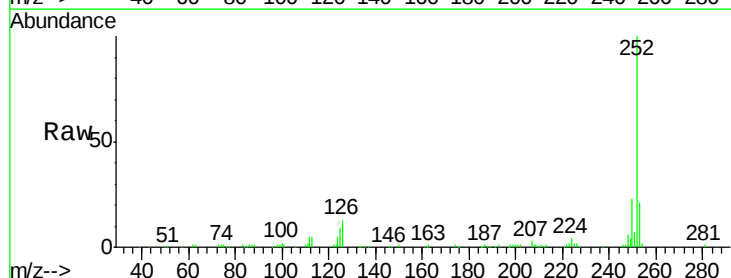
RT: 24.08 min Scan# 3616

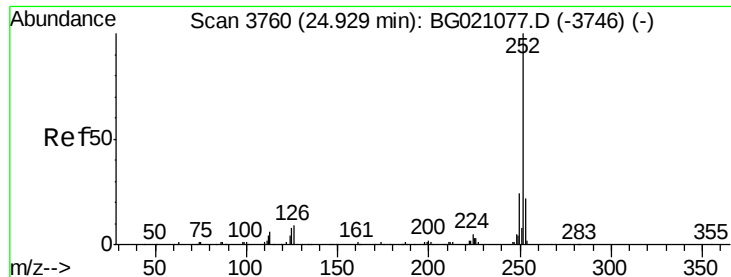
Delta R.T. -0.02 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Tgt Ion:	252	Resp:	146865
Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.4	24.6
125	9.1	8.2	12.2





#89

Benzo(a)pyrene

Concen: 44.42 ng

RT: 24.90 min Scan# 3755

Delta R.T. -0.03 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS

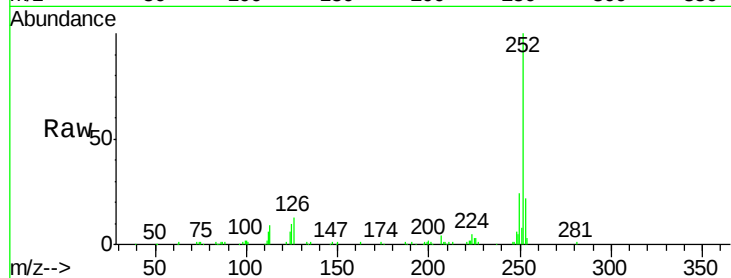
Tgt Ion:252 Resp: 144564

Ion Ratio Lower Upper

252 100

253 22.2 15.8 23.8

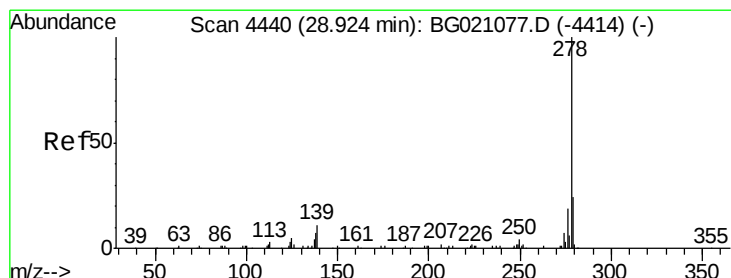
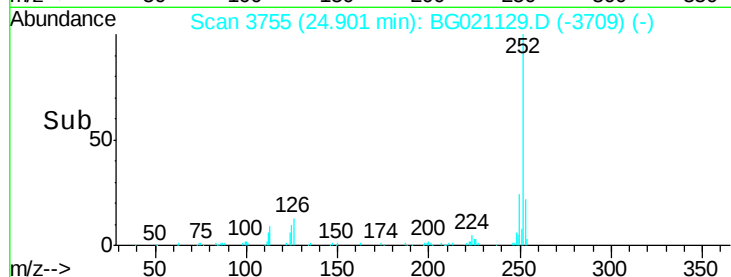
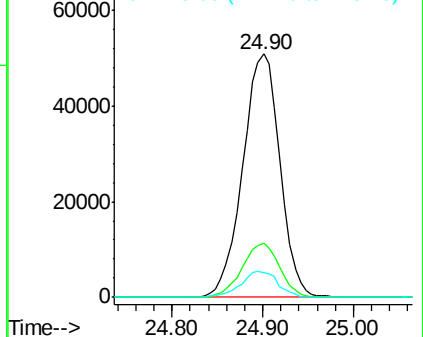
125 10.2 8.4 12.6



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: 42.13 ng

RT: 28.87 min Scan# 4430

Delta R.T. -0.06 min

Lab File: BG021129.D

Acq: 28 Feb 2016 00:16

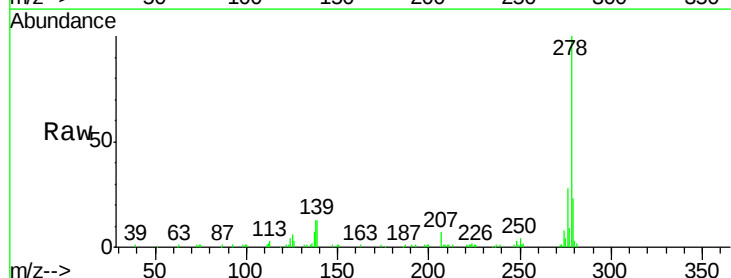
Tgt Ion:278 Resp: 138227

Ion Ratio Lower Upper

278 100

139 13.5 10.6 15.8

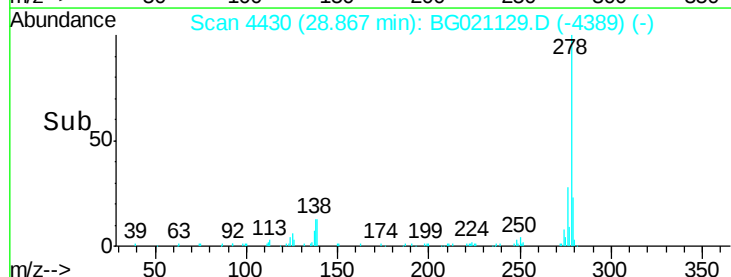
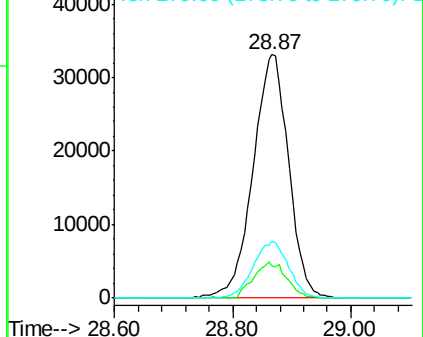
279 23.5 19.7 29.5

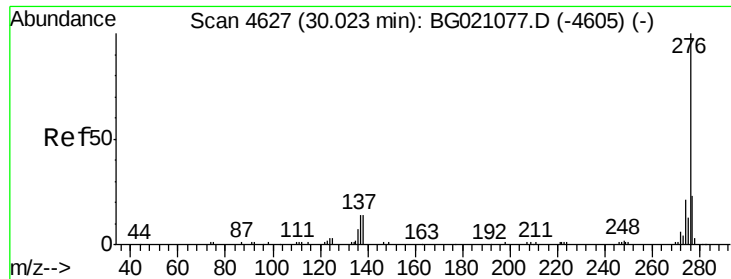


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.54 ng

RT: 29.98 min Scan# 4619

Delta R.T. -0.05 min

Lab File: BG021129.D

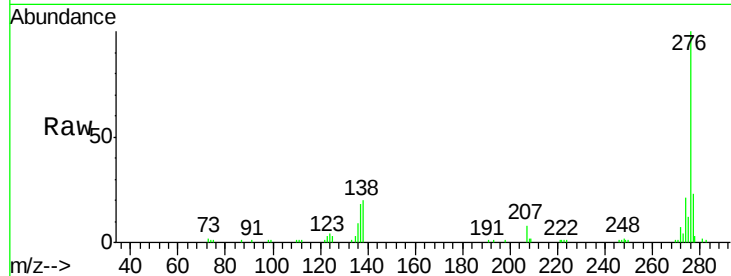
Acq: 28 Feb 2016 00:16

Instrument :

BNA_G

ClientSampleId :

PB88567BS



Tgt Ion:	276	Resp:	131258
Ion Ratio	Lower	Upper	
276	100		
277	22.9	16.6	25.0
138	20.0	14.6	21.8

