

Data Path : Z:\HPCHEM1\BNA_G\Data\BG022216\
 Data File : BG021025.D
 Acq On : 22 Feb 2016 21:02
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 23 14:30:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 14:08:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	8260	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	45871	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	32572	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	74584	20.00	ng	0.00
75) Chrysene-d12	21.85	240	44800	20.00	ng	-0.01
86) Perylene-d12	25.19	264	43052	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	35702	81.30	ng	-0.02
7) Phenol-d6	7.46	99	53577	85.13	ng	-0.02
23) Nitrobenzene-d5	9.42	82	49945	80.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.33	330	37880	85.34	ng	-0.01
44) 2-Fluorobiphenyl	13.47	172	179362	76.89	ng	0.00
78) Terphenyl-d14	20.16	244	202862	85.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	5533	42.24	ng	98
3) Pyridine	4.15	79	17577	42.38	ng	96
4) n-Nitrosodimethylamine	3.99	42	4807	43.59	ng	92
6) Aniline	7.59	93	27442	45.47	ng	99
8) 2-Chlorophenol	7.82	128	23695	42.15	ng	97
9) Benzaldehyde	7.39	77	12273	46.81	ng	94
10) Phenol	7.49	94	28187	42.48	ng	98
11) bis(2-Chloroethyl)ether	7.66	93	22403	41.30	ng	96
12) 1,3-Dichlorobenzene	8.11	146	26308	41.40	ng	98
13) 1,4-Dichlorobenzene	8.26	146	27226	41.15	ng	99
14) 1,2-Dichlorobenzene	8.59	146	26318	42.21	ng	97
15) Benzyl Alcohol	8.52	79	19279	46.96	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.77	45	23734	40.06	ng	99
17) 2-Methylphenol	8.73	107	21447	43.46	ng	95
18) Hexachloroethane	9.31	117	8831	42.37	ng	92
19) n-Nitroso-di-n-propylamine	9.08	70	17525	43.66	ng	# 93
20) 3+4-Methylphenols	9.07	107	30450	43.89	ng	98
22) Acetophenone	9.10	105	38548	38.97	ng	# 98
24) Nitrobenzene	9.47	77	25245	38.91	ng	97
25) Isophorone	10.04	82	53376	39.51	ng	98
26) 2-Nitrophenol	10.18	139	15498	39.39	ng	96
27) 2,4-Dimethylphenol	10.25	122	27060	41.21	ng	95
28) bis(2-Chloroethoxy)methane	10.47	93	33349	41.70	ng	96
29) 2,4-Dichlorophenol	10.73	162	28098	42.73	ng	97
30) 1,2,4-Trichlorobenzene	10.91	180	28234	39.97	ng	98
31) Naphthalene	11.10	128	93358	39.73	ng	99
32) Benzoic acid	10.48	122	20861	35.45	ng	99
33) 4-Chloroaniline	11.25	127	37953	44.03	ng	97
34) Hexachlorobutadiene	11.36	225	15446	39.84	ng	99
35) Caprolactam	12.23	113	10357	41.31	ng	95
36) 4-Chloro-3-methylphenol	12.37	107	29699	42.56	ng	94
37) 2-Methylnaphthalene	12.69	142	75277	44.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	37316	38.70	ng	99
40) Hexachlorocyclopentadiene	13.01	237	22143	42.73	ng	98

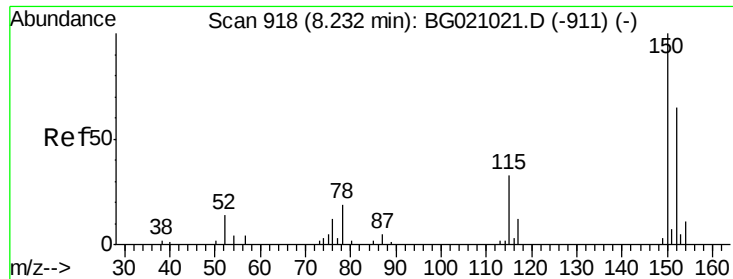
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022216\
 Data File : BG021025.D
 Acq On : 22 Feb 2016 21:02
 Operator : UM/SJ
 Sample : SSTDICV040
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Quant Time: Feb 23 14:30:02 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 14:08:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	26779	40.17	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	28633	40.95	ng	95
45) 1,1'-Biphenyl	13.68	154	105304	37.94	ng	98
46) 2-Chloronaphthalene	13.73	162	75455	38.18	ng	98
47) 2-Nitroaniline	13.97	65	17431	40.76	ng	97
48) Acenaphthylene	14.57	152	138418	38.66	ng	99
49) Dimethylphthalate	14.32	163	106371	39.59	ng	99
50) 2,6-Dinitrotoluene	14.44	165	23300	40.59	ng	99
51) Acenaphthene	14.91	154	80607	39.79	ng	98
52) 3-Nitroaniline	14.79	138	25558	44.60	ng	97
53) 2,4-Dinitrophenol	14.96	184	13827	40.46	ng	96
54) Dibenzofuran	15.24	168	131648	43.89	ng	98
55) 4-Nitrophenol	15.14	139	21137	40.85	ng	96
56) 2,4-Dinitrotoluene	15.21	165	32970	41.96	ng	# 97
57) Fluorene	15.88	166	112192	41.15	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.48	232	28154	46.21	ng	99
59) Diethylphthalate	15.66	149	110485	40.84	ng	99
60) 4-Chlorophenyl-phenylether	15.87	204	52688	39.86	ng	98
61) 4-Nitroaniline	15.95	138	25219	42.24	ng	99
62) Azobenzene	16.16	77	78880	44.04	ng	97
64) 4,6-Dinitro-2-methylphenol	15.97	198	19675	39.24	ng	97
65) n-Nitrosodiphenylamine	16.09	169	95118	39.55	ng	99
66) 4-Bromophenyl-phenylether	16.76	248	34394	38.81	ng	99
67) Hexachlorobenzene	16.87	284	40247	40.12	ng	97
68) Atrazine	17.06	200	26701	38.04	ng	98
69) Pentachlorophenol	17.24	266	23591	41.75	ng	98
70) Phenanthrene	17.62	178	172159	41.20	ng	100
71) Anthracene	17.71	178	169102	40.71	ng	99
72) Carbazole	18.00	167	150336	42.58	ng	98
73) Di-n-butylphthalate	18.52	149	163845	40.49	ng	99
74) Fluoranthene	19.61	202	151585	43.51	ng	99
76) Benzidine	19.81	184	50684	38.01	ng	99
77) Pyrene	19.98	202	145762	42.43	ng	99
79) Butylbenzylphthalate	20.85	149	50551	39.92	ng	95
80) Benzo(a)anthracene	21.83	228	106868	40.28	ng	98
81) 3,3'-Dichlorobenzidine	21.75	252	40758	37.79	ng	98
82) Chrysene	21.90	228	96355	38.46	ng	100
83) Bis(2-ethylhexyl)phthalate	21.70	149	65280	37.46	ng	100
84) Di-n-octyl phthalate	22.95	149	107775	38.50	ng	100
85) Indeno(1,2,3-cd)pyrene	29.02	276	119512	39.27	ng	97
87) Benzo(b)fluoranthene	24.12	252	105319	41.06	ng	99
88) Benzo(k)fluoranthene	24.19	252	102105	40.68	ng	98
89) Benzo(a)pyrene	25.03	252	101380	40.95	ng	99
90) Dibenzo(a,h)anthracene	29.07	278	102276	40.07	ng	98
91) Benzo(g,h,i)perylene	30.21	276	100334	40.62	ng	99

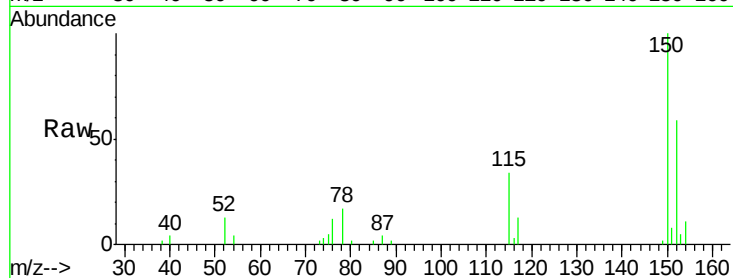
(#) = qualifier out of range (m) = manual integration (+) = signals summed



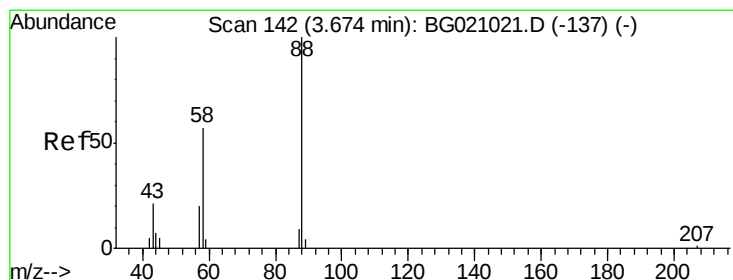
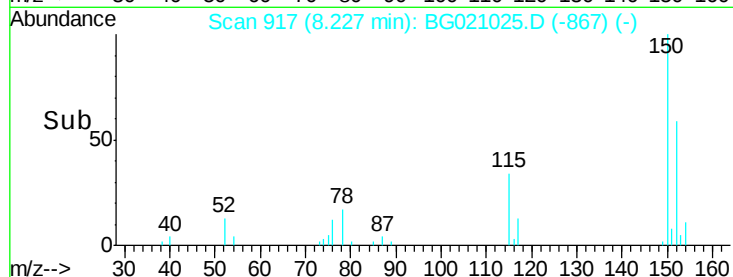
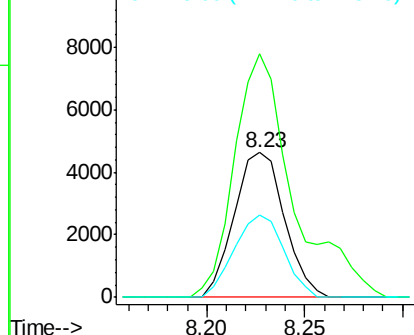
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.23 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:152 Resp: 8260
 Ion Ratio Lower Upper
 152 100
 150 168.1 122.5 183.7
 115 56.6 40.1 60.1

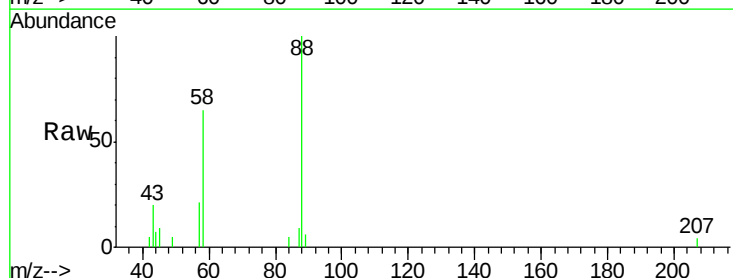


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

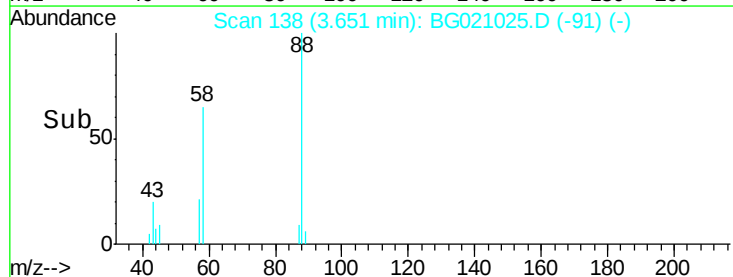
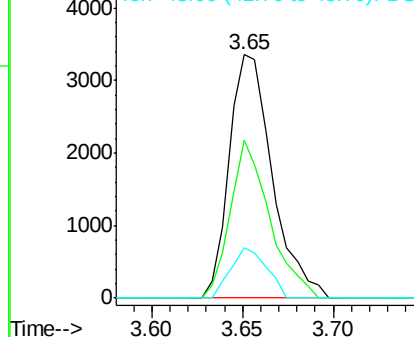


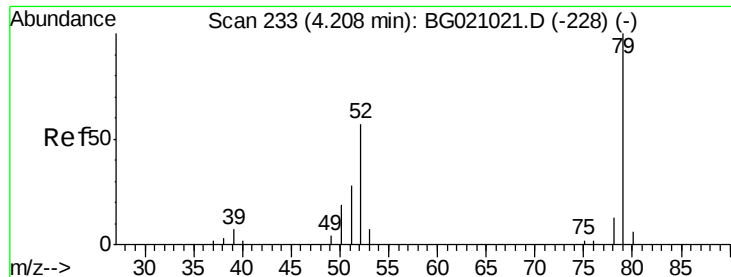
#2
 1,4-Dioxane
 Concen: 42.24 ng
 RT: 3.65 min Scan# 138
 Delta R.T. -0.02 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion: 88 Resp: 5533
 Ion Ratio Lower Upper
 88 100
 58 59.4 46.2 69.2
 43 17.3 14.8 22.2



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: 42.38 ng

RT: 4.15 min Scan# 223

Delta R.T. -0.06 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

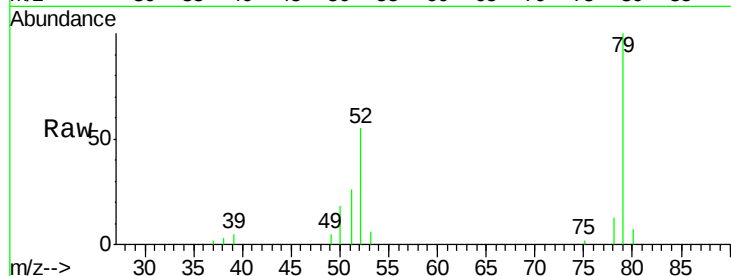
Tgt Ion: 79 Resp: 17577

Ion Ratio Lower Upper

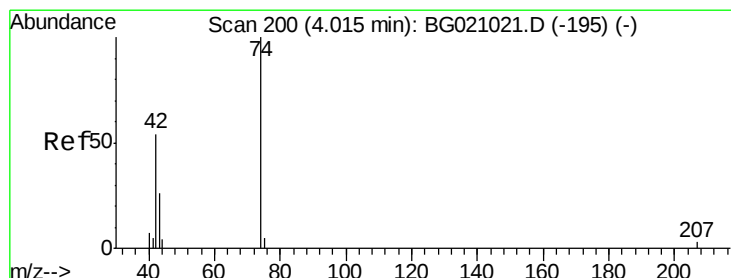
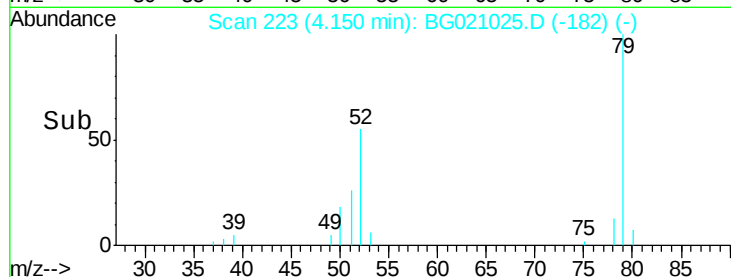
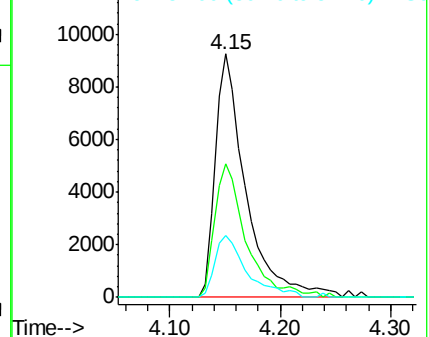
79 100

52 54.6 45.6 68.4

51 25.6 22.7 34.1



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



#4

n-Nitrosodimethylamine

Concen: 43.59 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

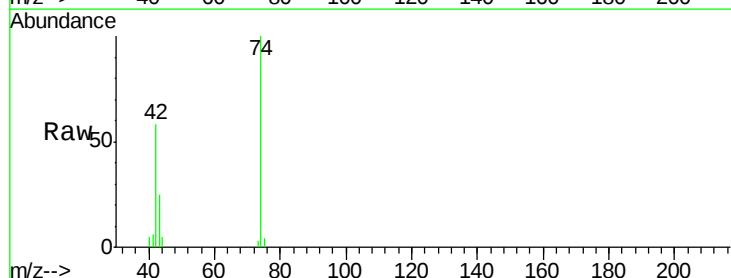
Tgt Ion: 42 Resp: 4807

Ion Ratio Lower Upper

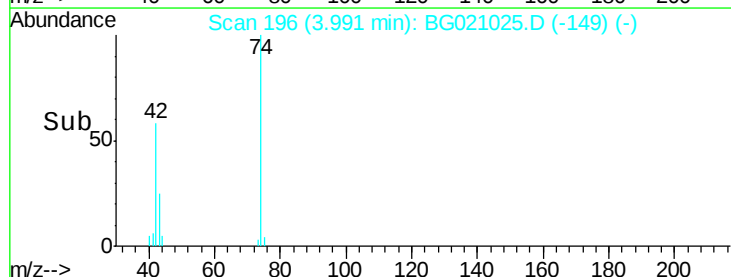
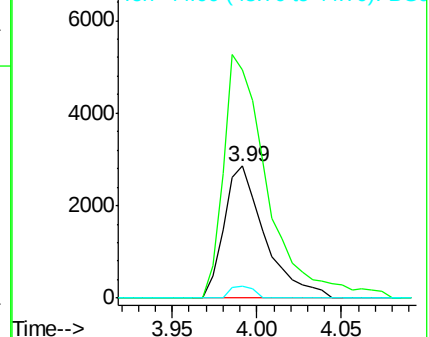
42 100

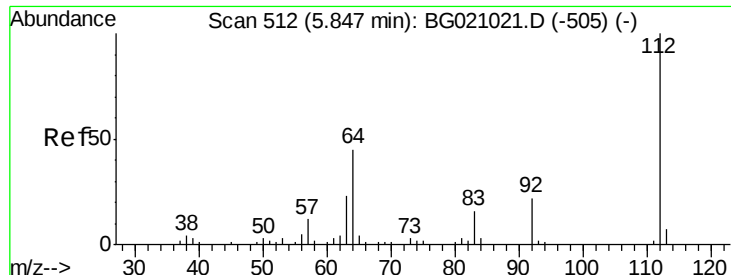
74 172.9 148.3 222.5

44 9.0 6.4 9.6



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





#5

2-Fluorophenol

Concen: 81.30 ng

RT: 5.83 min Scan# 509

Delta R.T. -0.02 min

Lab File: BG021025.D

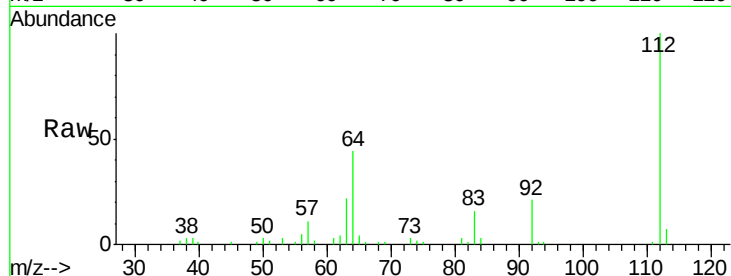
Acq: 22 Feb 2016 21:02

Instrument :

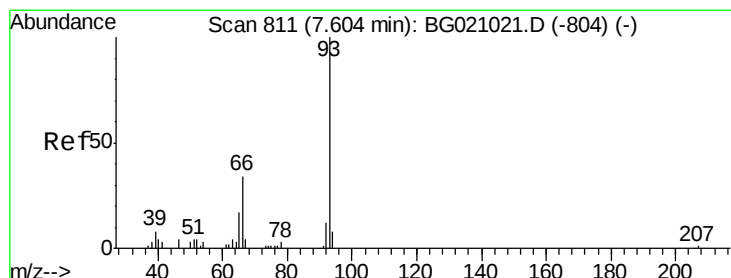
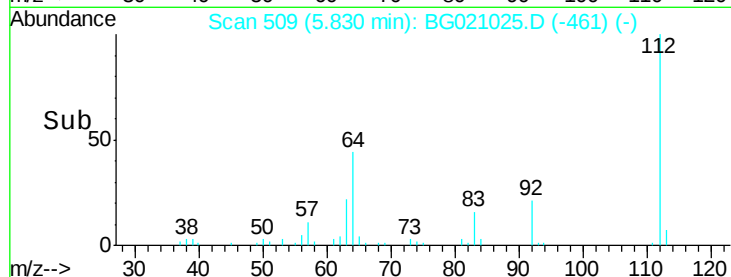
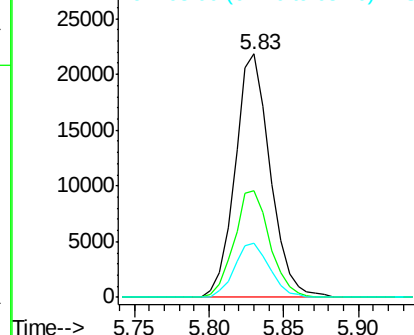
BNA_G

ClientSampled :

Tgt Ion:	112	Resp:	35702
Ion	Ratio	Lower	Upper
112	100		
64	43.9	35.8	53.8
63	22.2	18.6	27.8



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: 45.47 ng

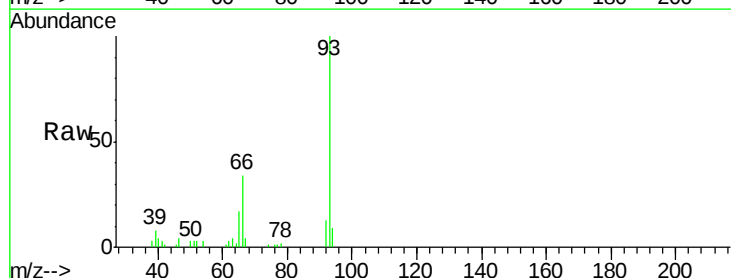
RT: 7.59 min Scan# 808

Delta R.T. -0.02 min

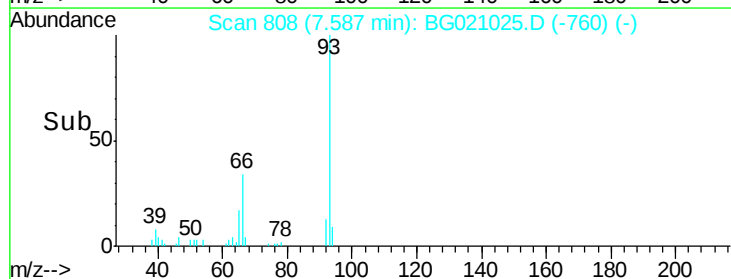
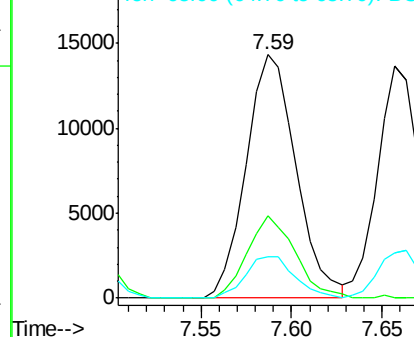
Lab File: BG021025.D

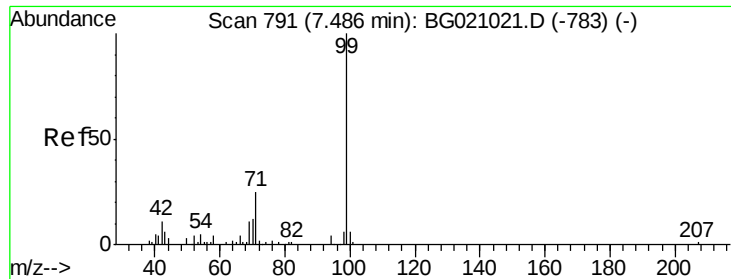
Acq: 22 Feb 2016 21:02

Tgt Ion:	93	Resp:	27442
Ion	Ratio	Lower	Upper
93	100		
66	33.9	26.8	40.2
65	16.9	13.4	20.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.13 ng

RT: 7.46 min Scan# 787

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

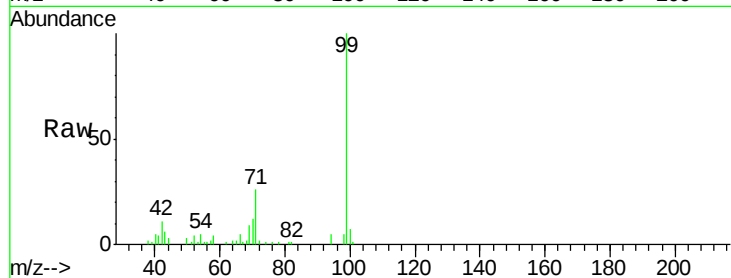
Tgt Ion: 99 Resp: 53577

Ion Ratio Lower Upper

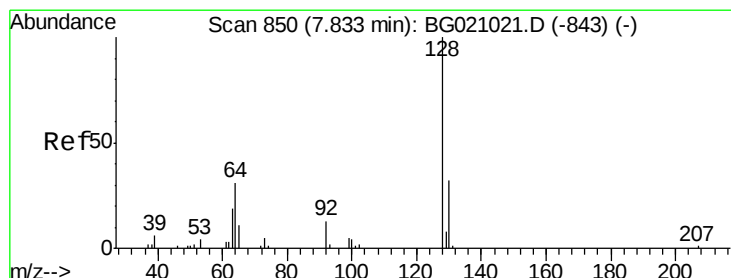
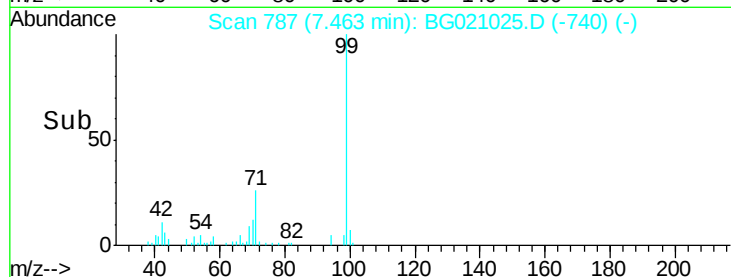
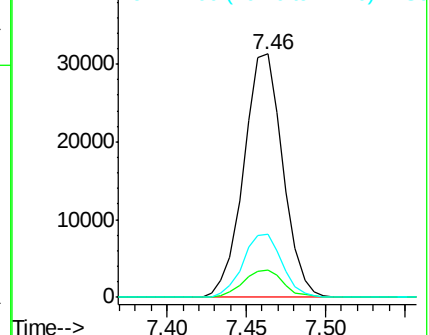
99 100

42 11.0 8.6 13.0

71 25.7 20.1 30.1



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: 42.15 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

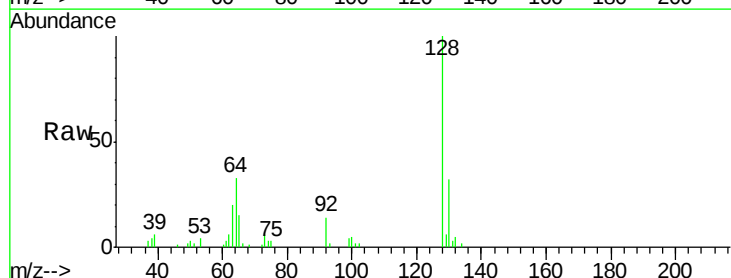
Tgt Ion: 128 Resp: 23695

Ion Ratio Lower Upper

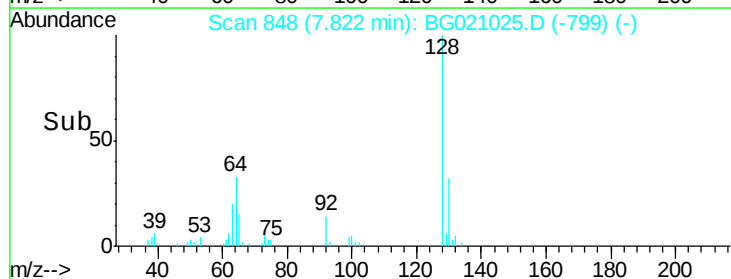
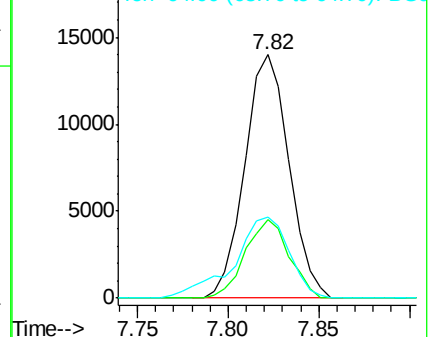
128 100

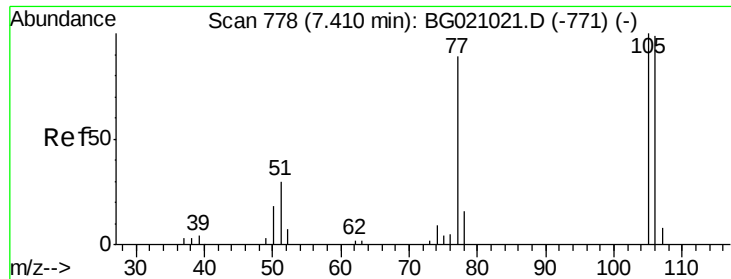
130 32.2 11.5 51.5

64 33.2 15.3 55.3



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: 46.81 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampled :

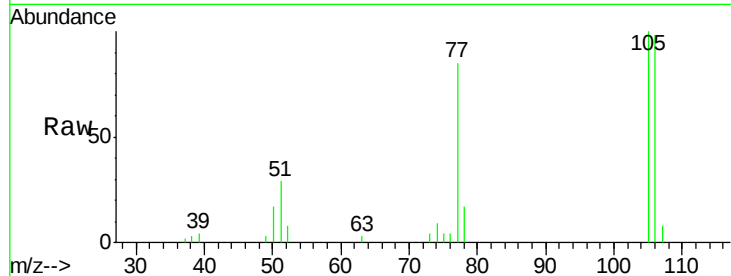
Tgt Ion: 77 Resp: 12273

Ion Ratio Lower Upper

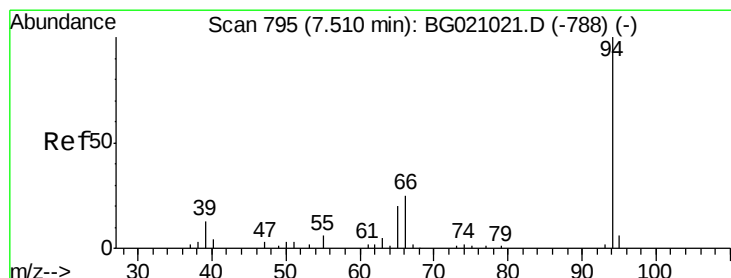
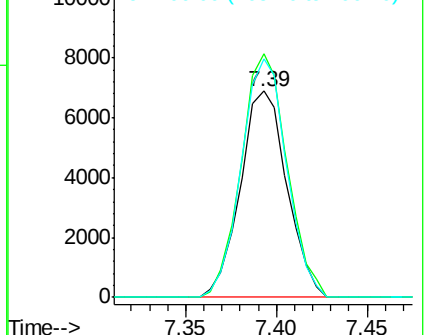
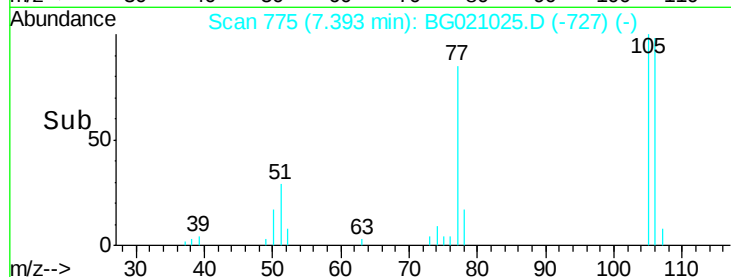
77 100

105 118.1 91.9 131.9

106 116.0 90.4 130.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.48 ng

RT: 7.49 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

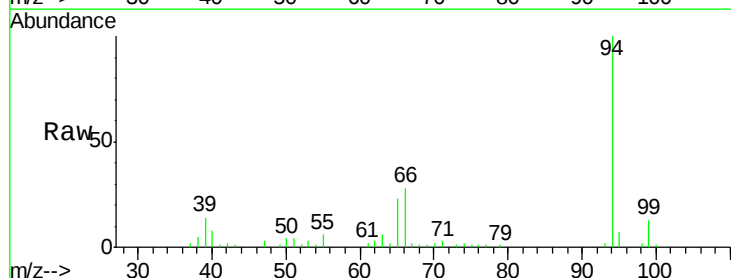
Tgt Ion: 94 Resp: 28187

Ion Ratio Lower Upper

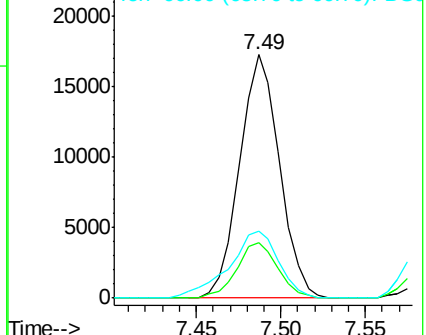
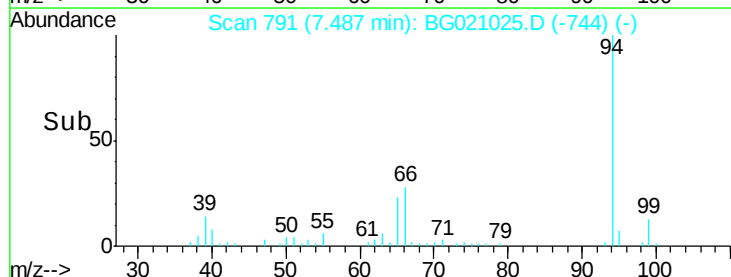
94 100

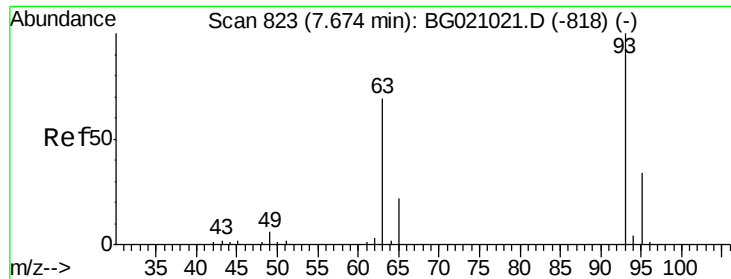
65 22.6 1.1 41.1

66 27.7 7.5 47.5



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

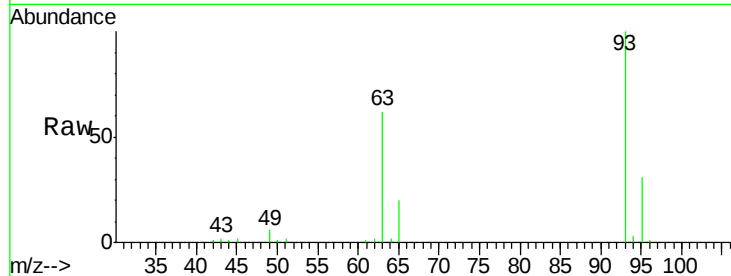




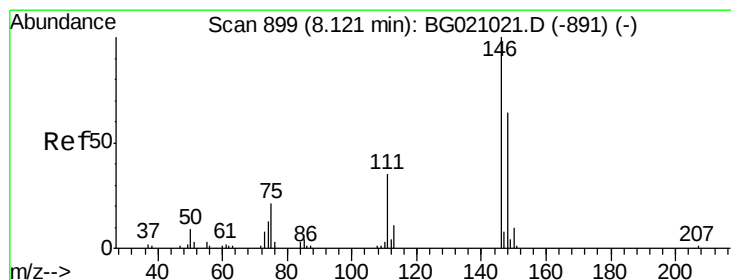
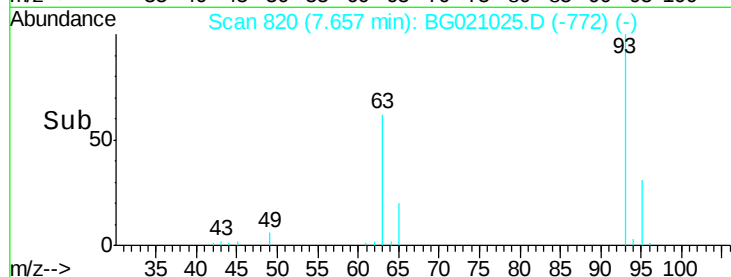
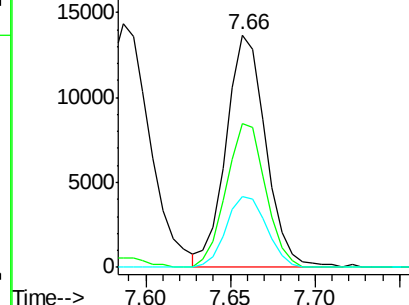
#11
bis(2-Chloroethyl)ether
Concen: 41.30 ng
RT: 7.66 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 22403
Ion Ratio Lower Upper
93 100
63 61.8 45.7 85.7
95 30.7 12.5 52.5

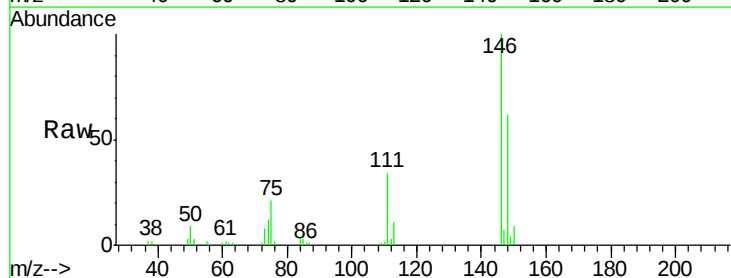


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

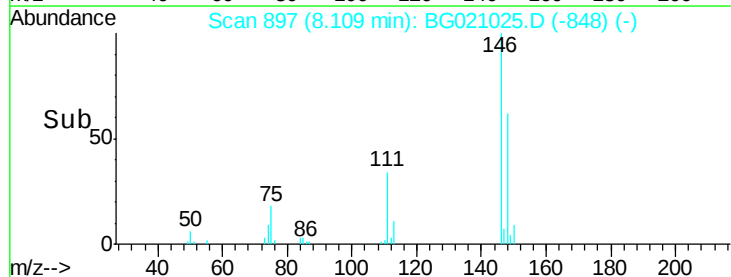
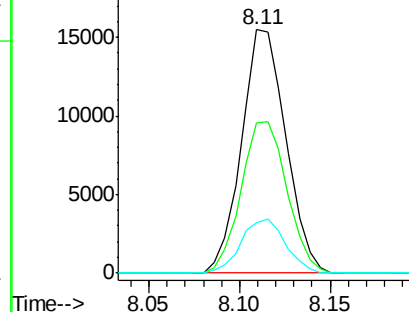


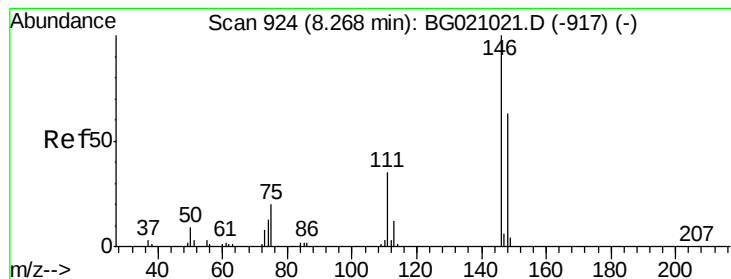
#12
1,3-Dichlorobenzene
Concen: 41.40 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion: 146 Resp: 26308
Ion Ratio Lower Upper
146 100
148 61.7 51.0 76.4
75 20.6 17.1 25.7



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





#13

1,4-Dichlorobenzene

Concen: 41.15 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

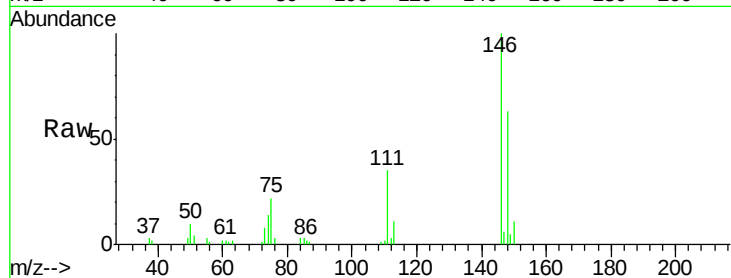
Tgt Ion:146 Resp: 27226

Ion Ratio Lower Upper

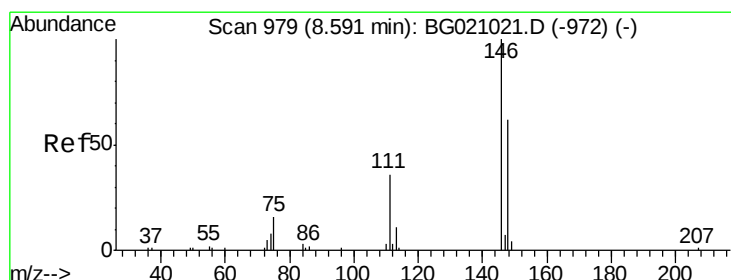
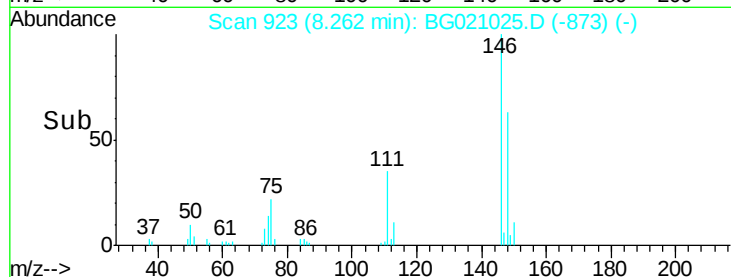
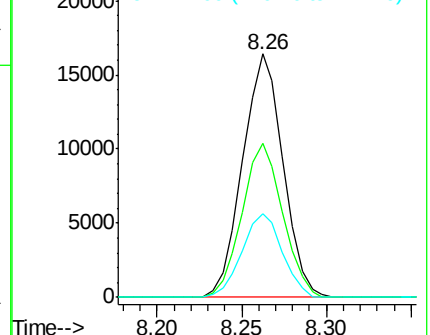
146 100

148 63.2 50.2 75.2

111 34.5 27.8 41.8



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: 42.21 ng

RT: 8.59 min Scan# 978

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

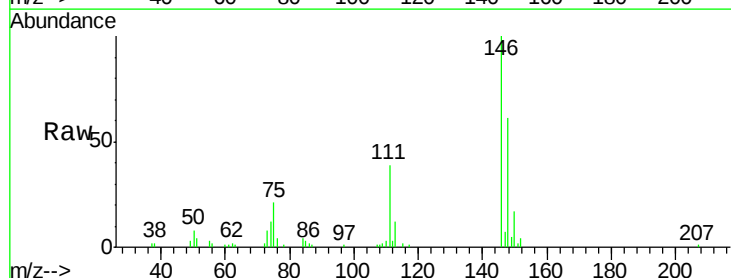
Tgt Ion:146 Resp: 26318

Ion Ratio Lower Upper

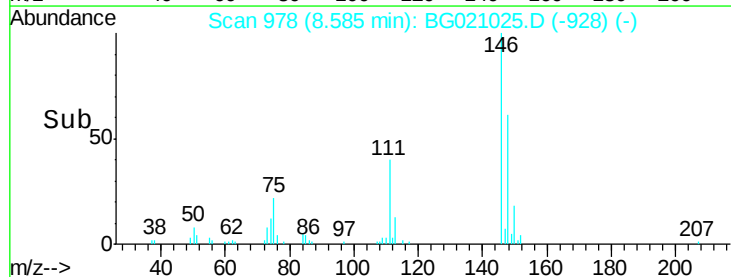
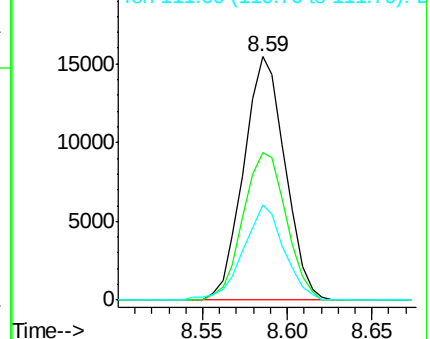
146 100

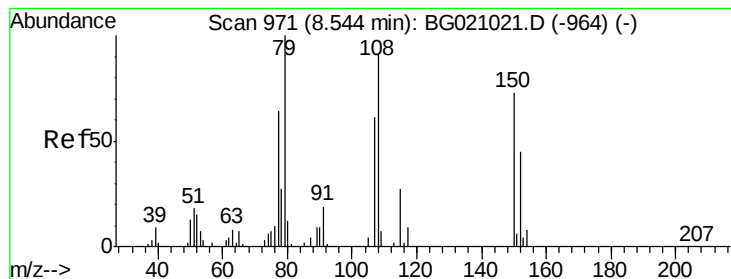
148 60.9 49.8 74.8

111 39.1 29.1 43.7



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: 46.96 ng

RT: 8.52 min Scan# 967

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

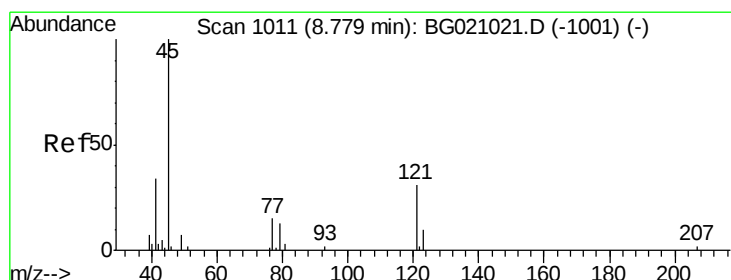
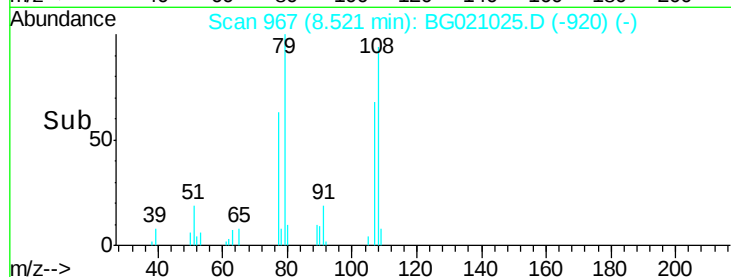
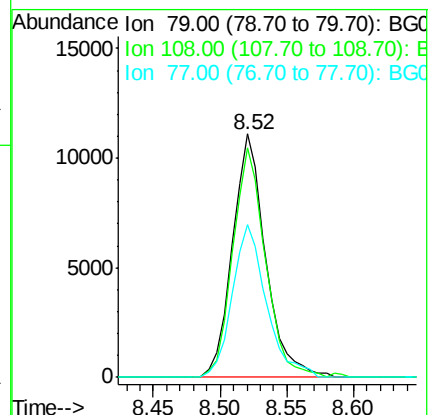
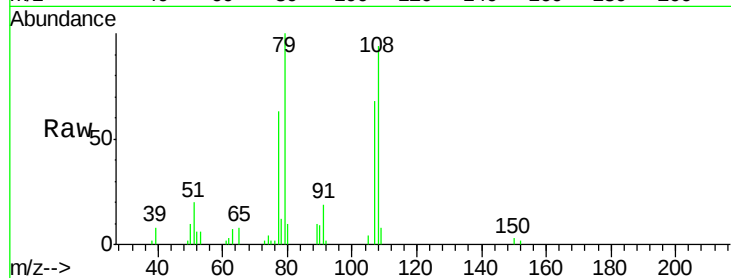
Tgt Ion: 79 Resp: 19279

Ion Ratio Lower Upper

79 100

108 94.2 72.8 109.2

77 62.9 51.4 77.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.06 ng

RT: 8.77 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

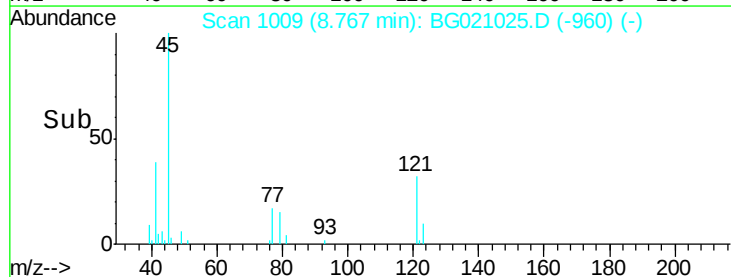
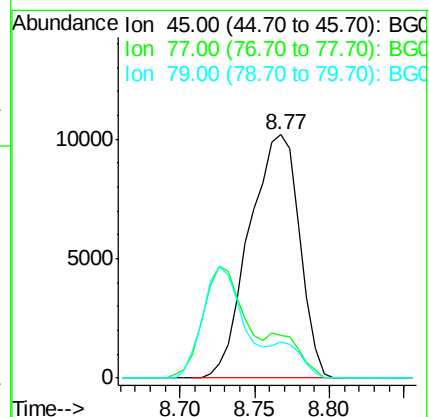
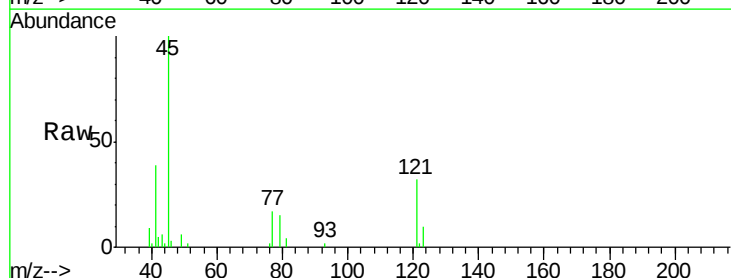
Tgt Ion: 45 Resp: 23734

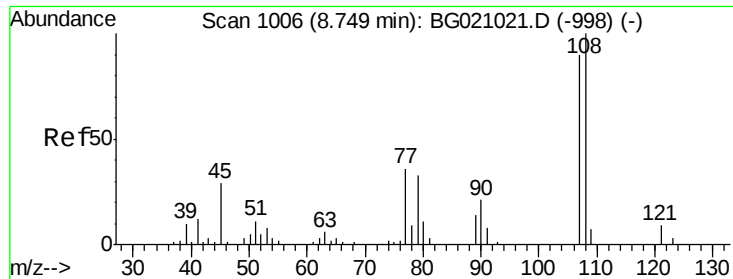
Ion Ratio Lower Upper

45 100

77 17.4 0.0 37.2

79 15.0 0.0 35.4

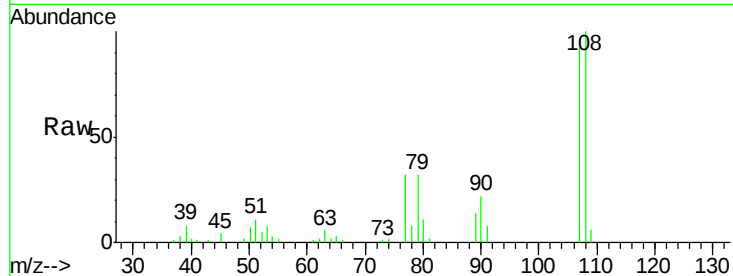




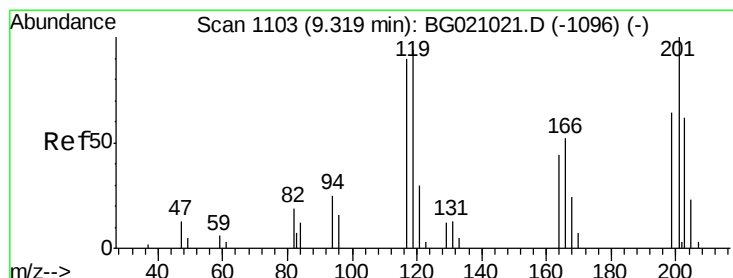
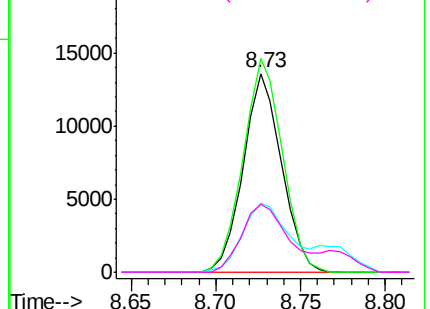
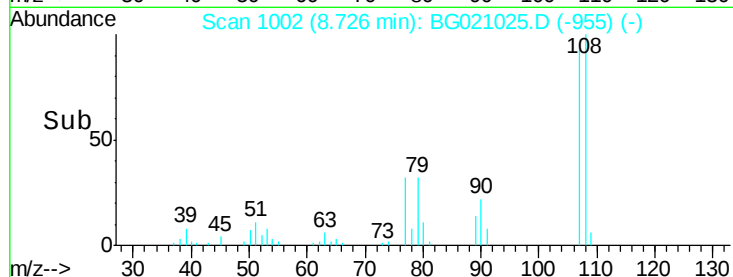
#17
 2-Methylphenol
 Concen: 43.46 ng
 RT: 8.73 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:107 Resp: 21447
 Ion Ratio Lower Upper
 107 100
 108 107.3 88.7 133.1
 77 34.5 32.3 48.5
 79 34.2 29.5 44.3

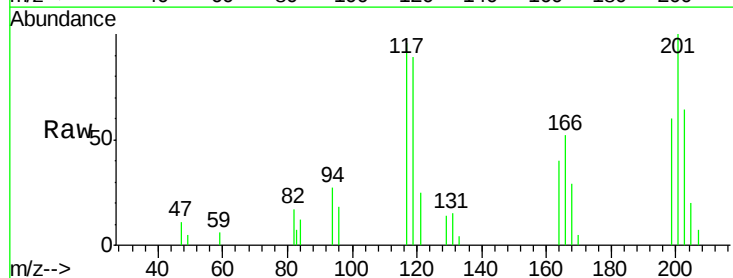


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

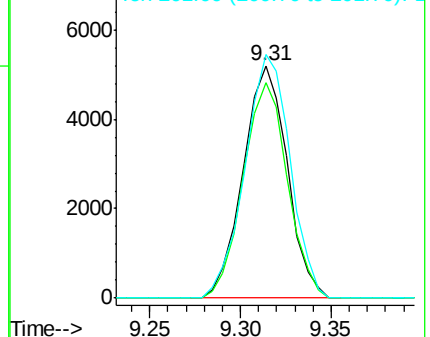
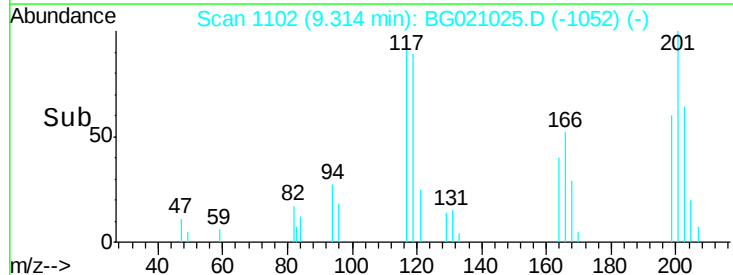


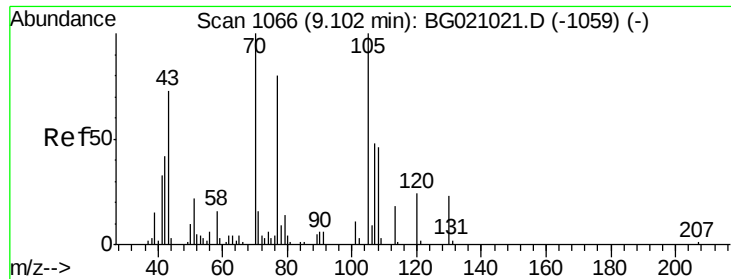
#18
 Hexachloroethane
 Concen: 42.37 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:117 Resp: 8831
 Ion Ratio Lower Upper
 117 100
 119 92.8 82.9 124.3
 201 104.6 88.4 132.6



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

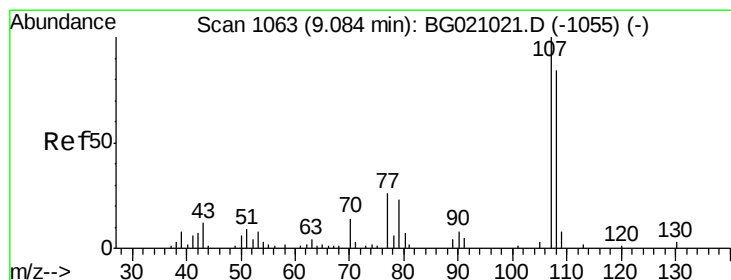
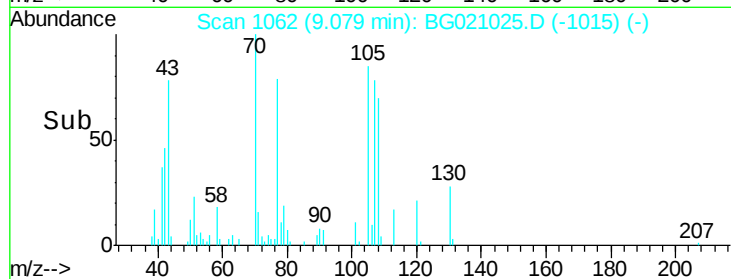
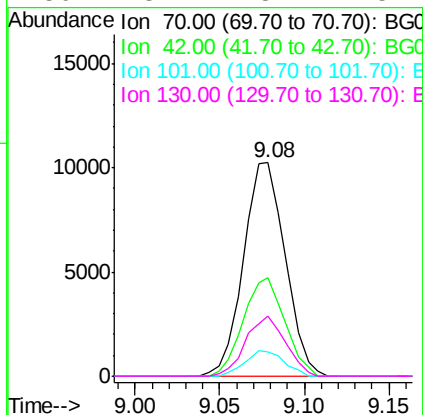
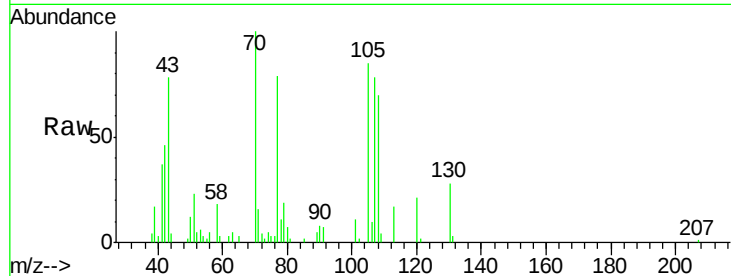




#19
n-Nitroso-di-n-propylamine
Concen: 43.66 ng
RT: 9.08 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

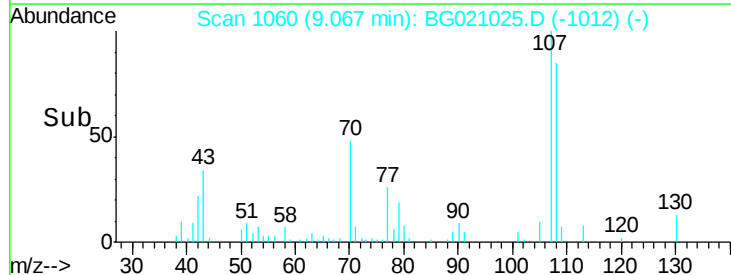
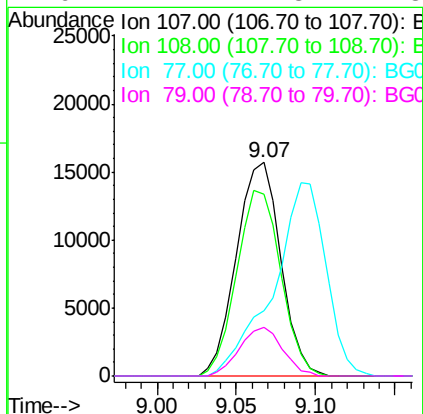
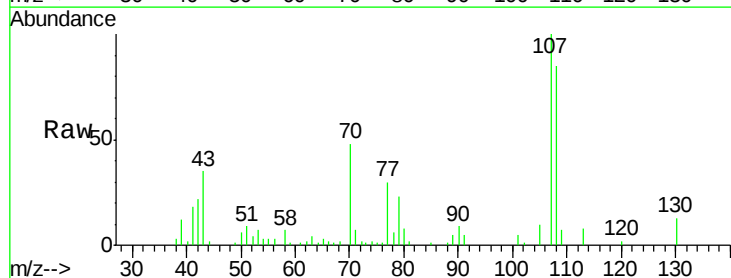
Instrument :
BNA_G
ClientSampleId :

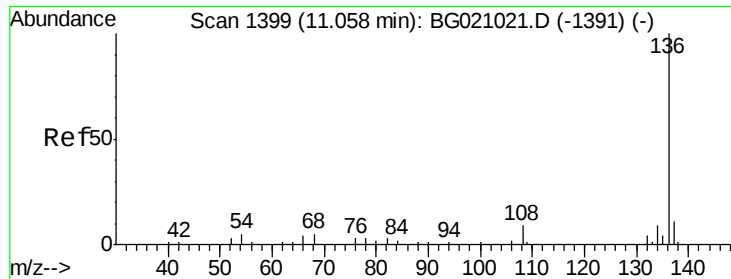
Tgt Ion: 70 Resp: 17525
Ion Ratio Lower Upper
70 100
42 46.1 33.6 50.4
101 11.2 9.2 13.8
130 28.1 18.7 28.1#



#20
3+4-Methylphenols
Concen: 43.89 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion: 107 Resp: 30450
Ion Ratio Lower Upper
107 100
108 85.0 63.9 103.9
77 30.5 6.2 46.2
79 22.7 2.8 42.8

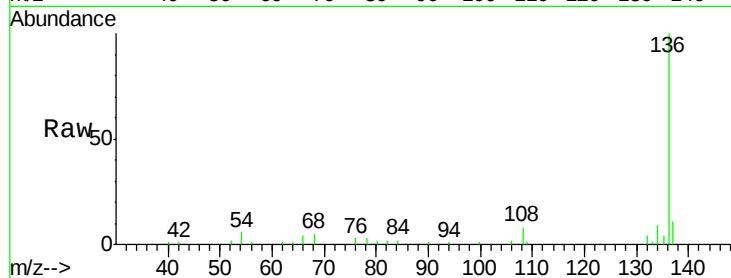




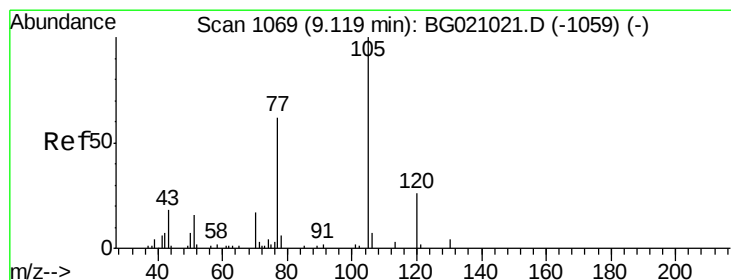
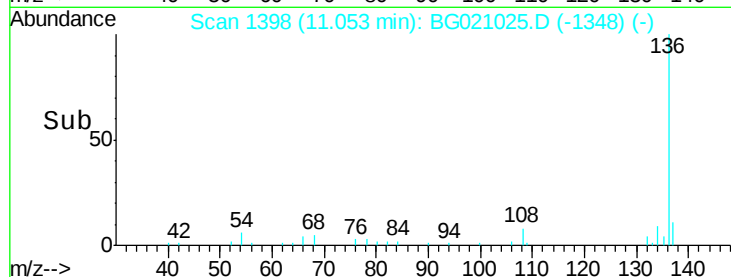
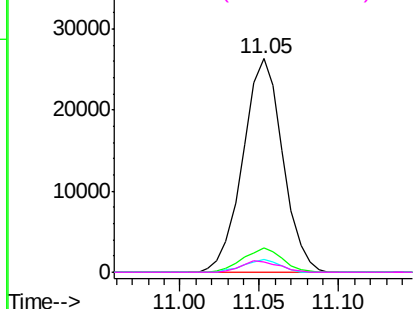
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	45871
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	5.7	4.2	6.2
68	4.6	4.3	6.5

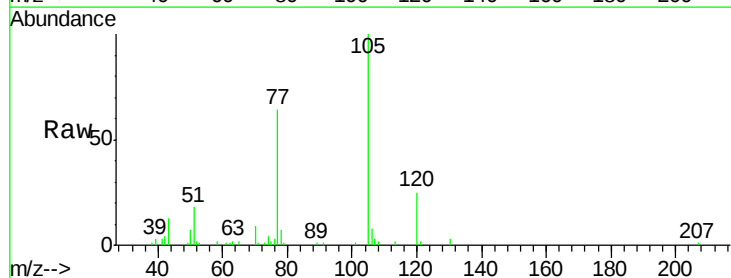


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

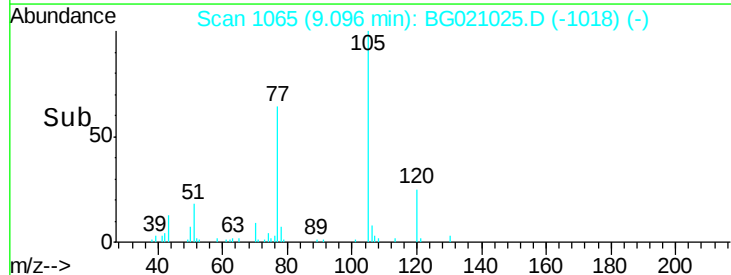
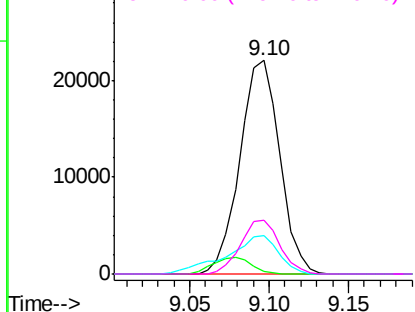


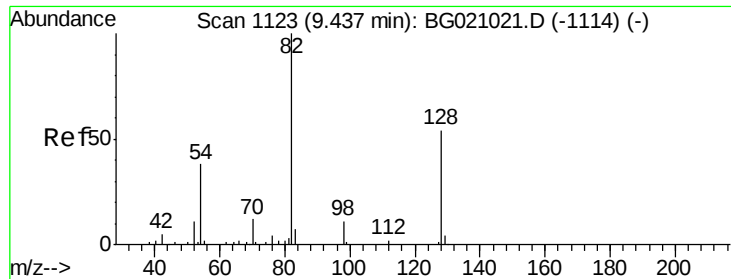
#22
Acetophenone
Concen: 38.97 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion:	105	Resp:	38548
Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.2	3.4#
51	17.9	13.4	20.2
120	25.1	20.6	31.0



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

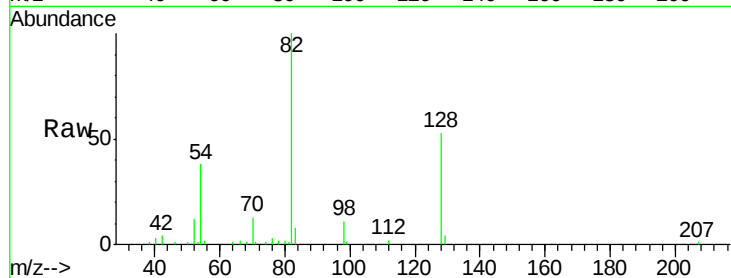




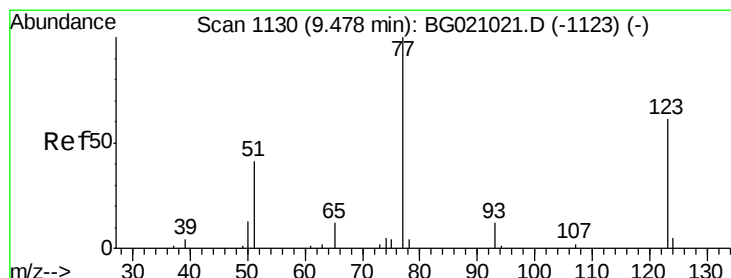
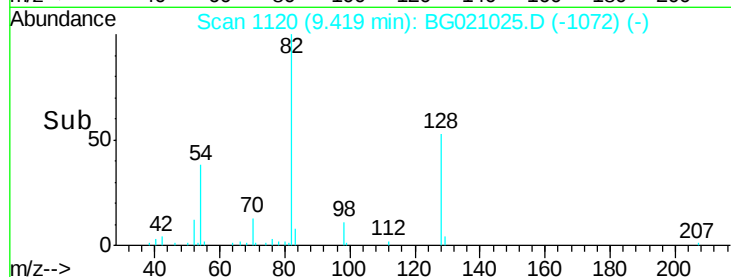
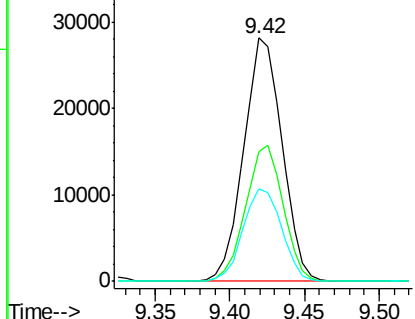
#23
 Nitrobenzene-d5
 Concen: 80.67 ng
 RT: 9.42 min Scan# 1120
 Delta R.T. -0.02 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion: 82 Resp: 49945
 Ion Ratio Lower Upper
 82 100
 128 53.1 43.4 65.0
 54 37.8 30.1 45.1

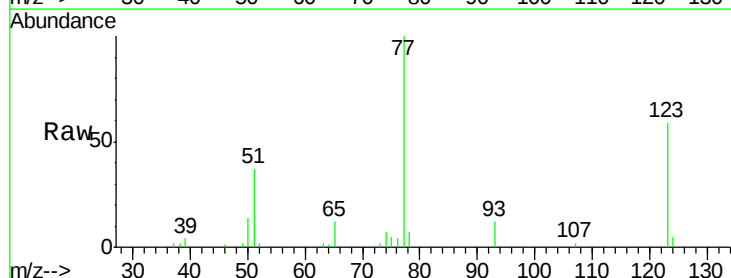


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

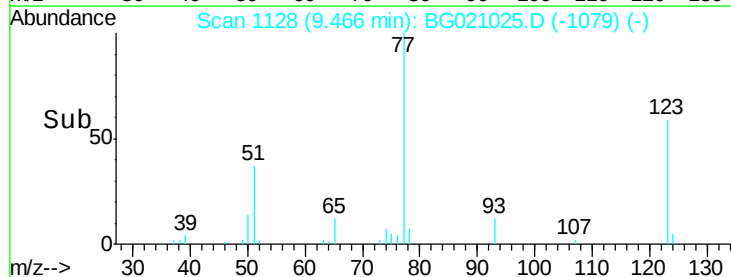
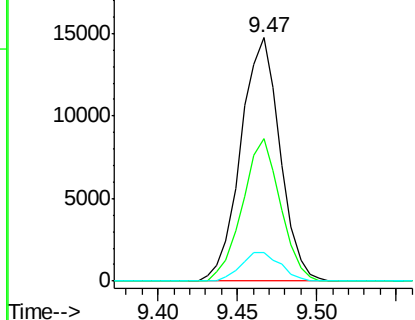


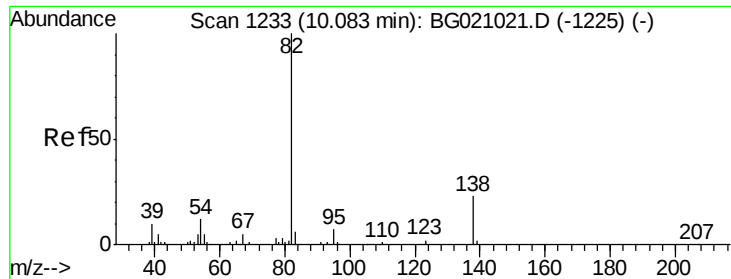
#24
 Nitrobenzene
 Concen: 38.91 ng
 RT: 9.47 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion: 77 Resp: 25245
 Ion Ratio Lower Upper
 77 100
 123 58.5 48.5 72.7
 65 11.7 10.0 15.0



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: 39.51 ng

RT: 10.04 min Scan# 1226

Delta R.T. -0.04 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

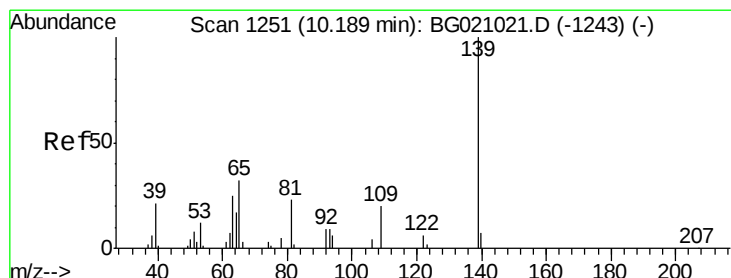
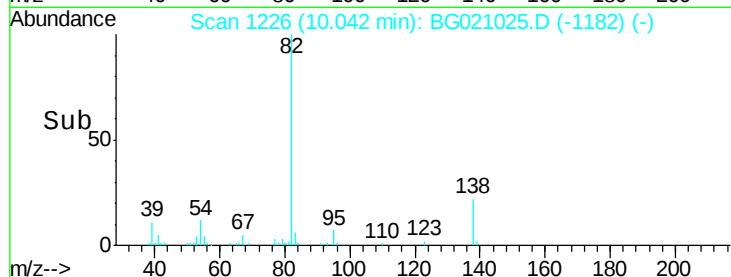
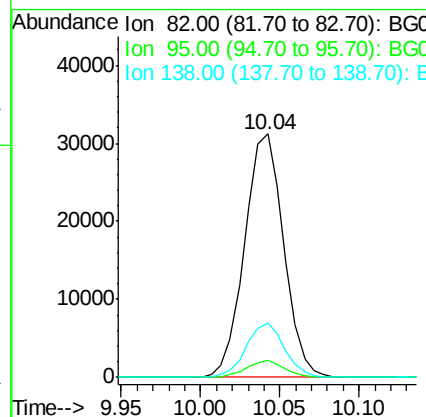
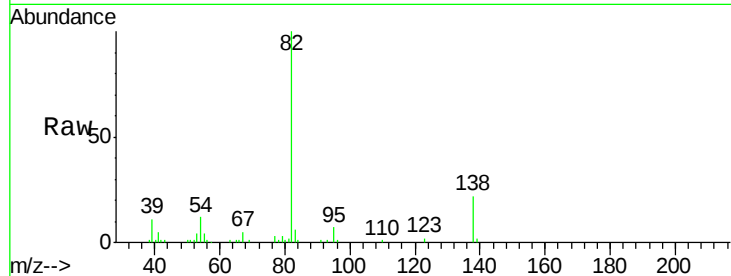
Tgt Ion: 82 Resp: 53376

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.0

138 22.4 18.8 28.2



#26

2-Nitrophenol

Concen: 39.39 ng

RT: 10.18 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

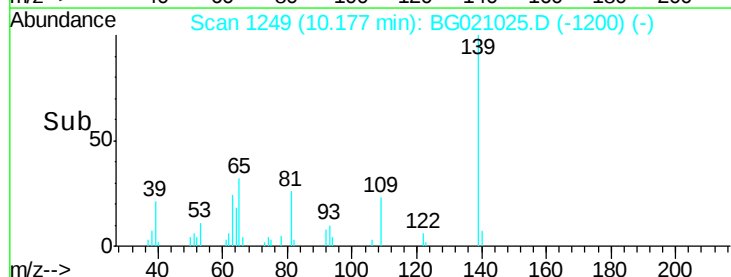
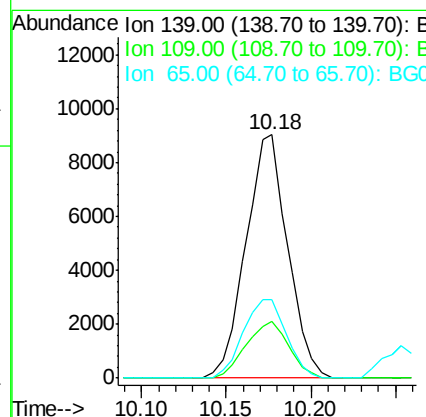
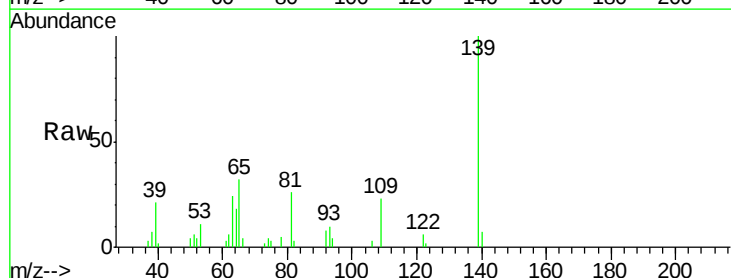
Tgt Ion: 139 Resp: 15498

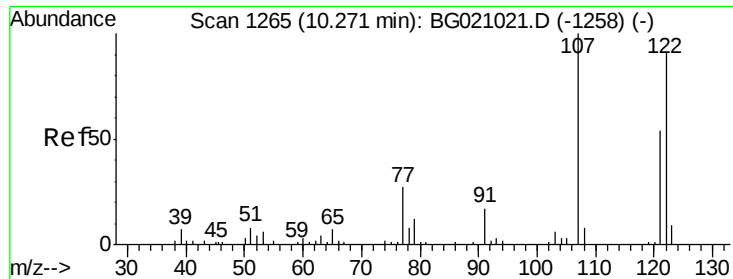
Ion Ratio Lower Upper

139 100

109 23.2 15.9 23.9

65 32.3 25.3 37.9

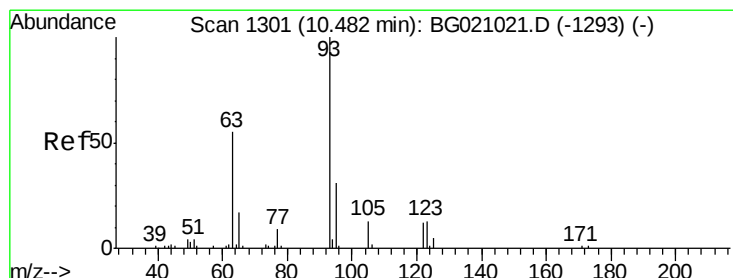
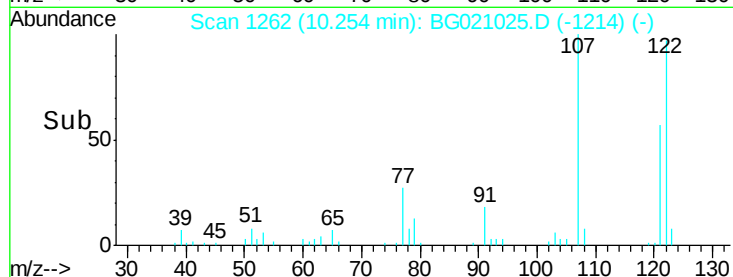
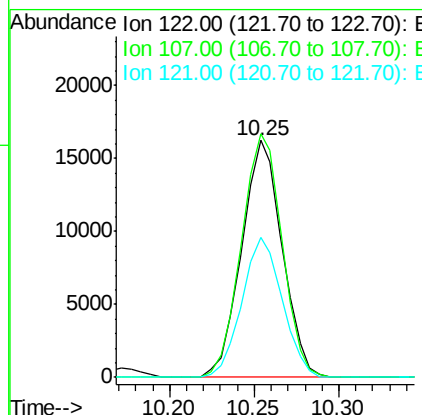
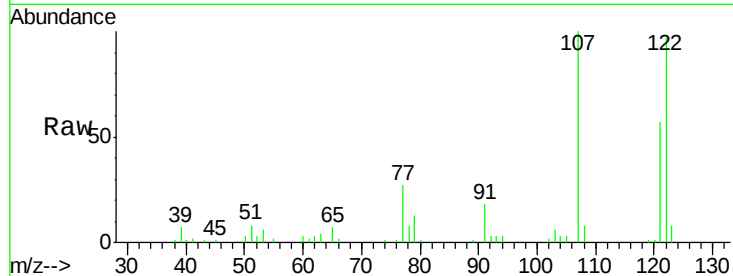




#27
2,4-Dimethylphenol
Concen: 41.21 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

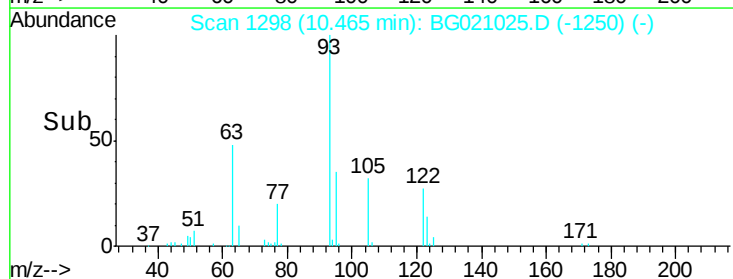
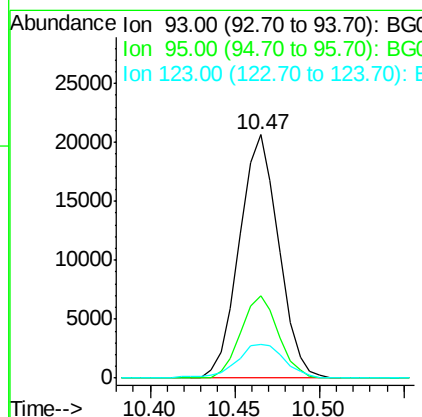
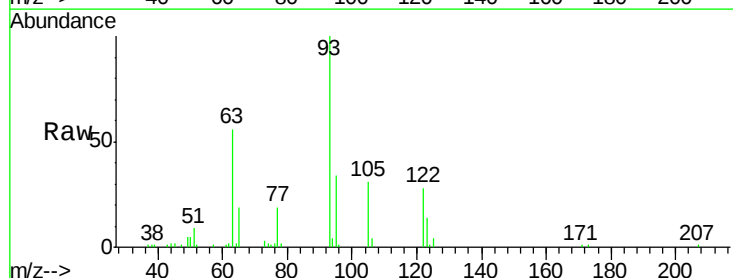
Instrument :
BNA_G
ClientSampleId :

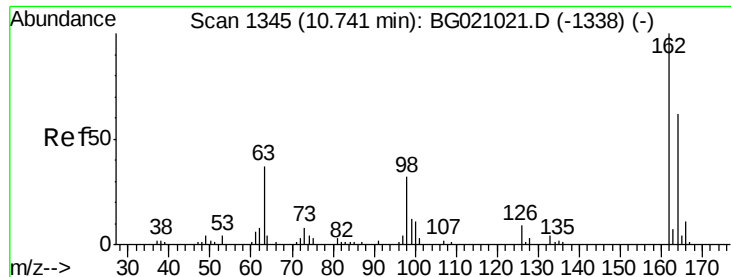
Tgt Ion:122 Resp: 27060
Ion Ratio Lower Upper
122 100
107 102.7 88.0 132.0
121 58.8 47.8 71.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.70 ng
RT: 10.47 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion: 93 Resp: 33349
Ion Ratio Lower Upper
93 100
95 34.1 25.0 37.6
123 14.0 10.6 15.8

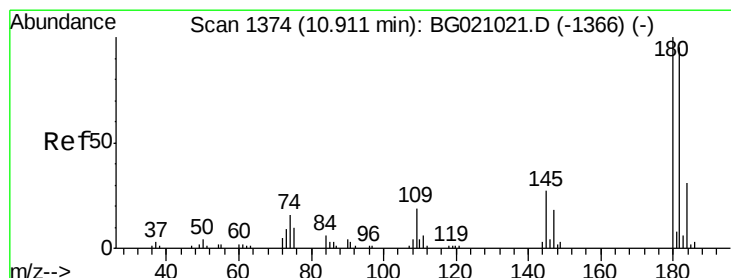
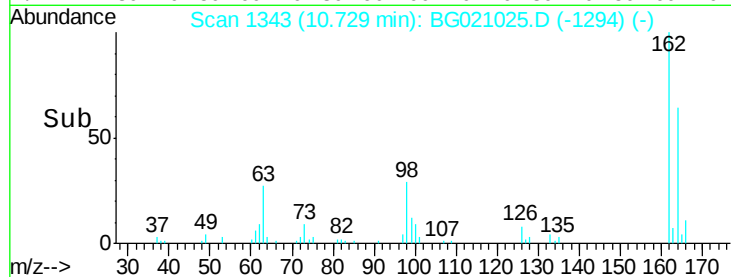
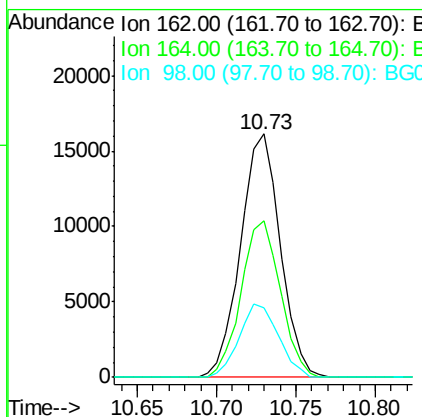
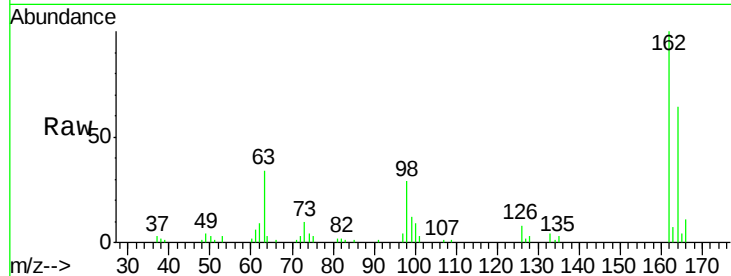




#29
 2,4-Dichlorophenol
 Concen: 42.73 ng
 RT: 10.73 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

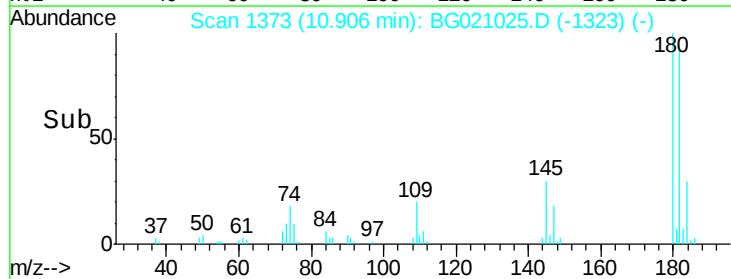
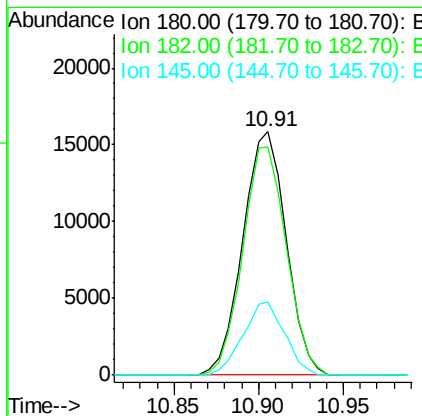
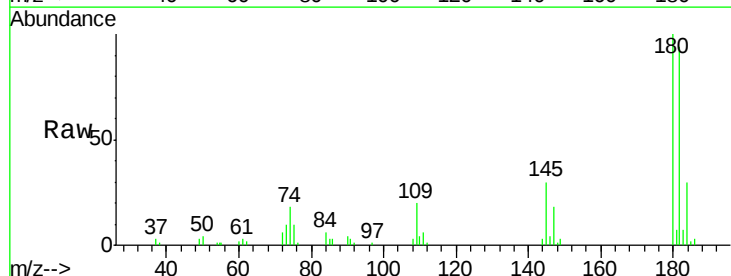
Instrument :
 BNA_G
 ClientSampleId :

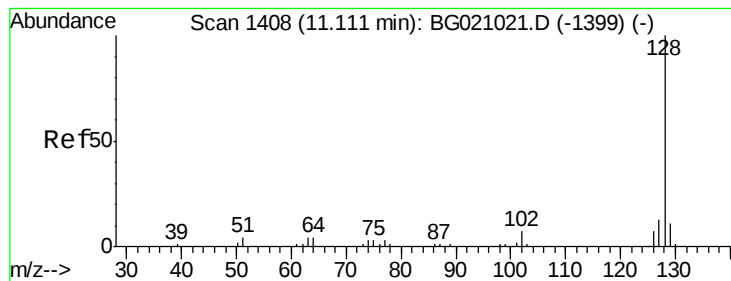
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.3	82.3
98	28.8	11.7	51.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.97 ng
 RT: 10.91 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.6	113.4
145	30.0	21.8	32.6





#31

Naphthalene

Concen: 39.73 ng

RT: 11.10 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

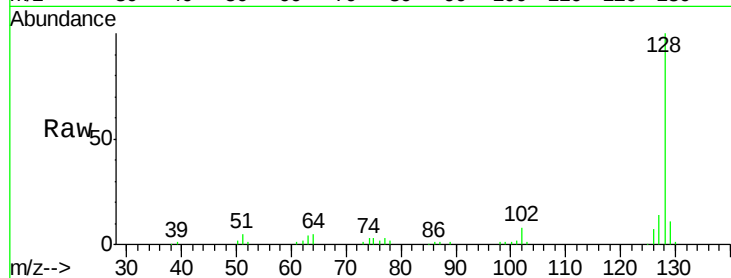
Tgt Ion:128 Resp: 93358

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

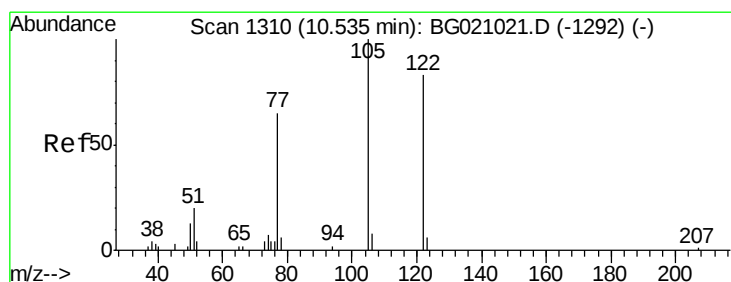
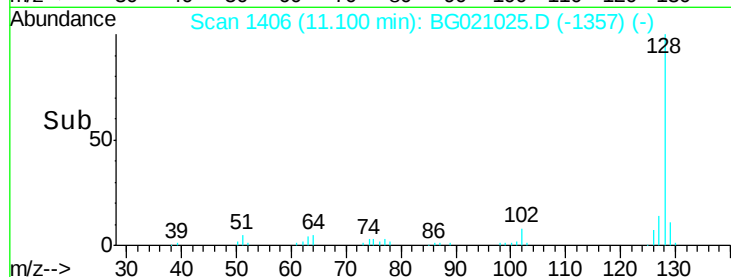
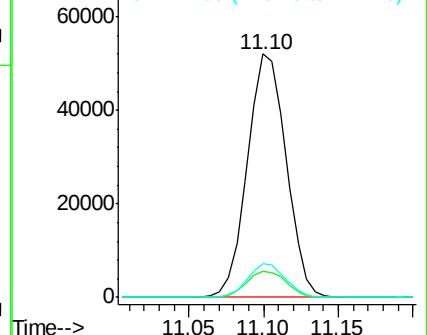
127 13.6 10.2 15.2



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: 35.45 ng

RT: 10.48 min Scan# 1300

Delta R.T. -0.06 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

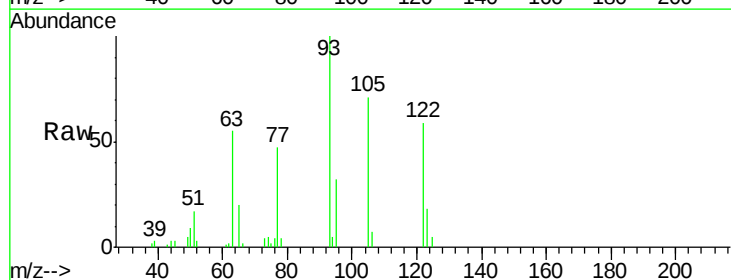
Tgt Ion:122 Resp: 20861

Ion Ratio Lower Upper

122 100

105 119.4 100.3 140.3

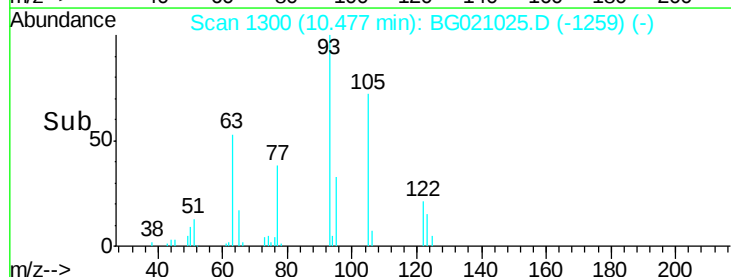
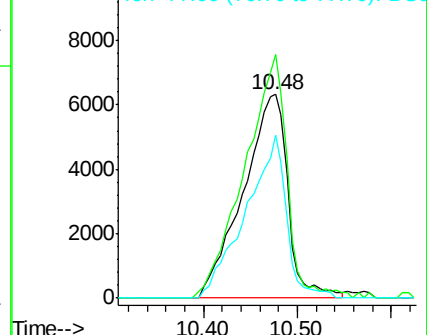
77 79.7 58.2 98.2

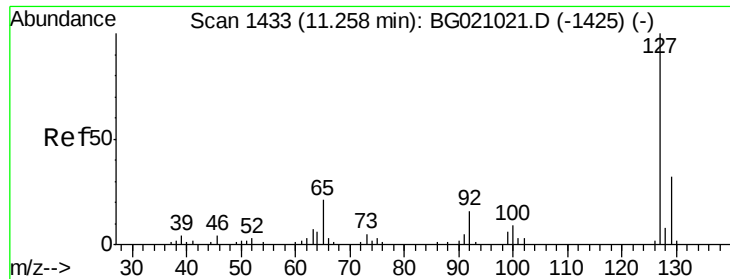


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

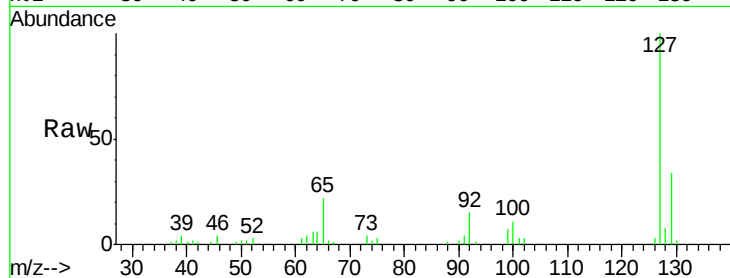




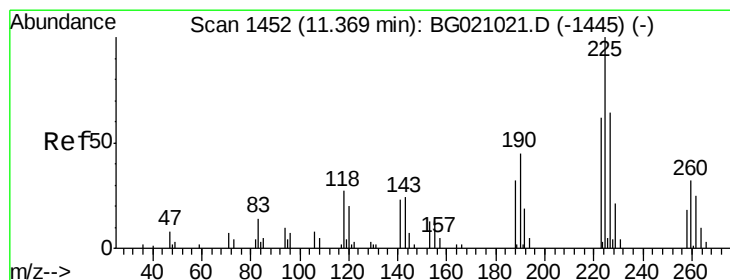
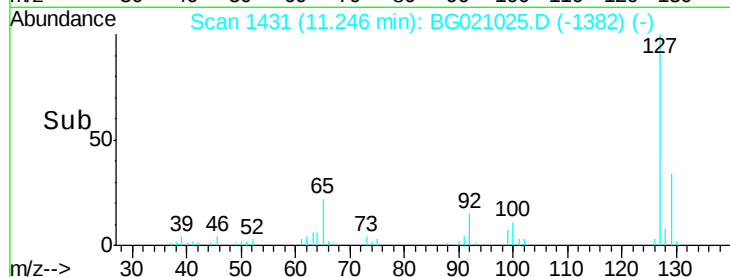
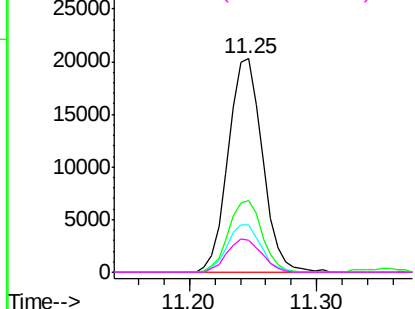
#33
 4-Chloroaniline
 Concen: 44.03 ng
 RT: 11.25 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:	127	Resp:	37953
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.8	38.8
65	22.4	16.6	25.0
92	14.7	12.6	18.8

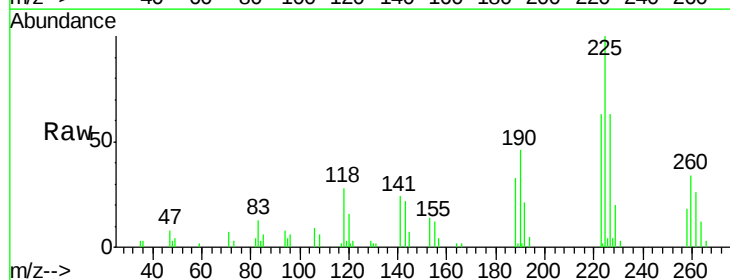


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

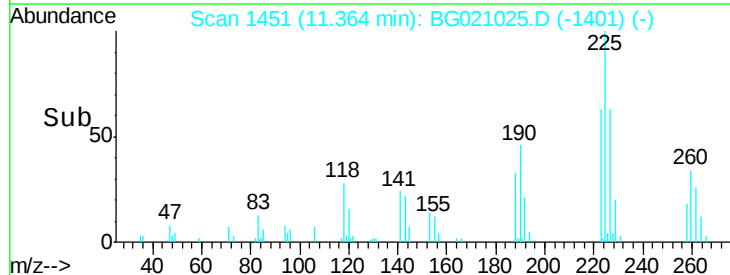
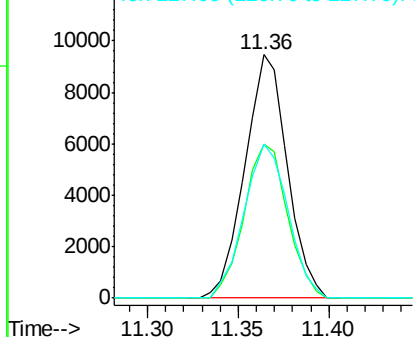


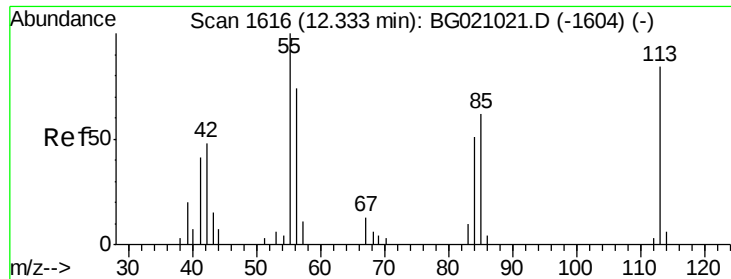
#34
 Hexachlorobutadiene
 Concen: 39.84 ng
 RT: 11.36 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:	225	Resp:	15446
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	63.3	51.4	77.0



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: 41.31 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.10 min

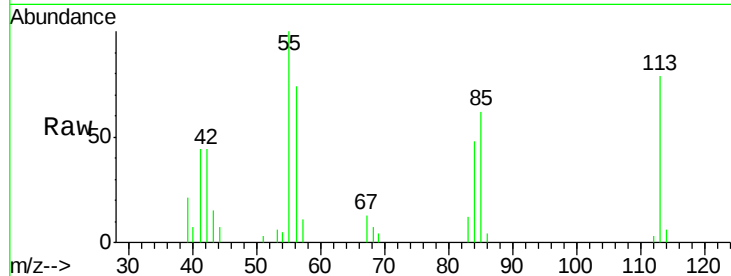
Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :



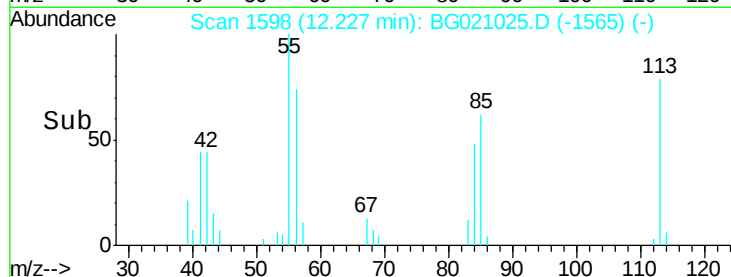
Tgt Ion:113 Resp: 10357

Ion Ratio Lower Upper

113 100

55 126.0 99.5 139.5

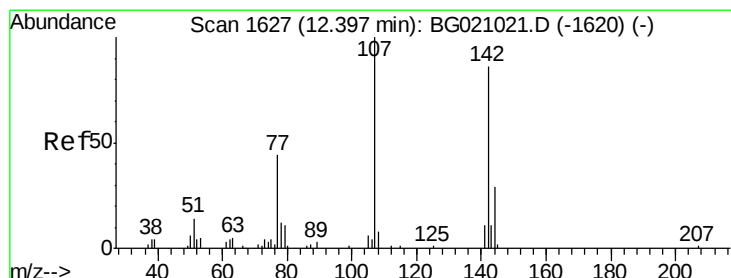
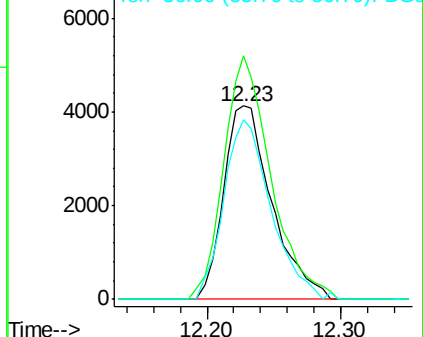
56 92.9 68.9 108.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG021025.D

Ion 56.00 (55.70 to 56.70): BG021025.D



#36

4-Chloro-3-methylphenol

Concen: 42.56 ng

RT: 12.37 min Scan# 1623

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

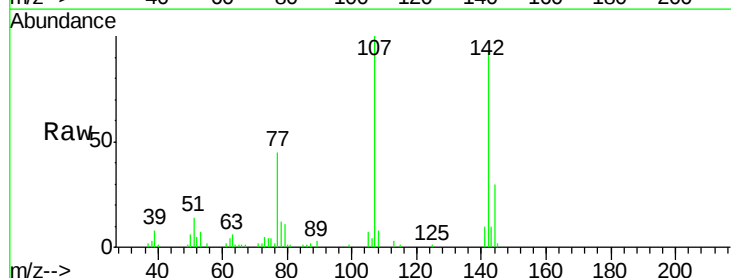
Tgt Ion:107 Resp: 29699

Ion Ratio Lower Upper

107 100

144 30.1 23.1 34.7

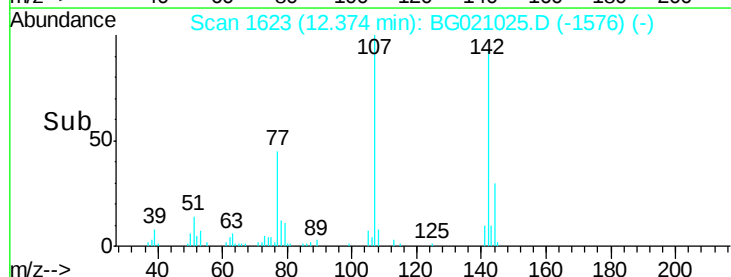
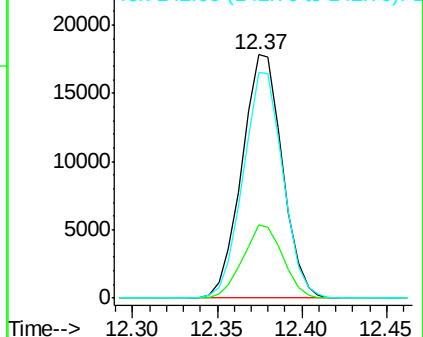
142 92.6 68.9 103.3

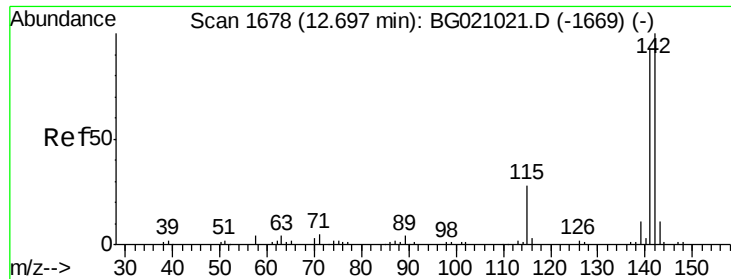


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

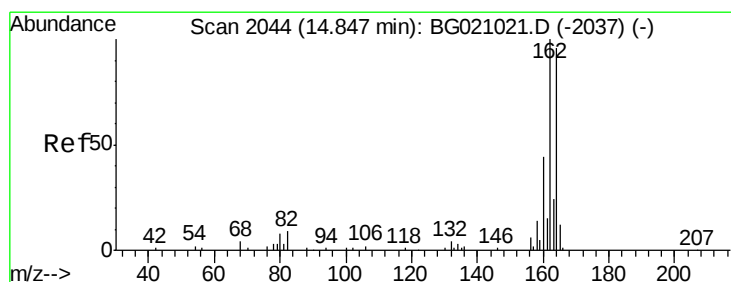
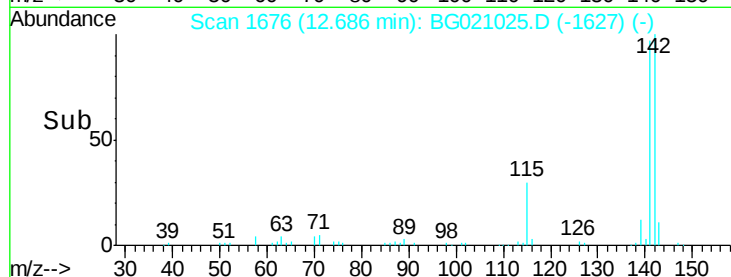
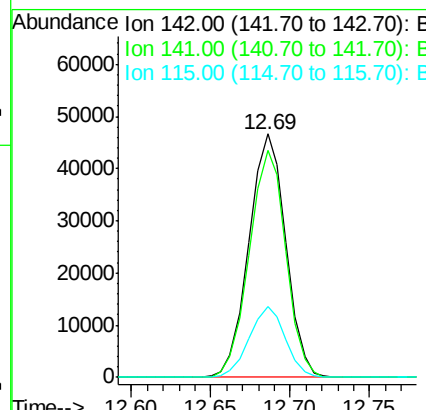
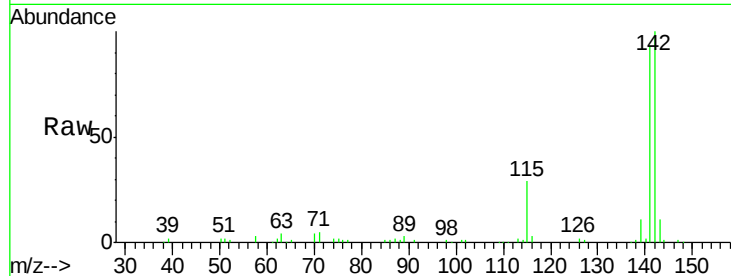




#37
 2-Methylnaphthalene
 Concen: 44.10 ng
 RT: 12.69 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

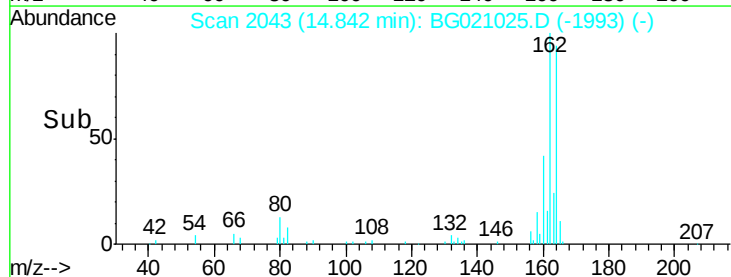
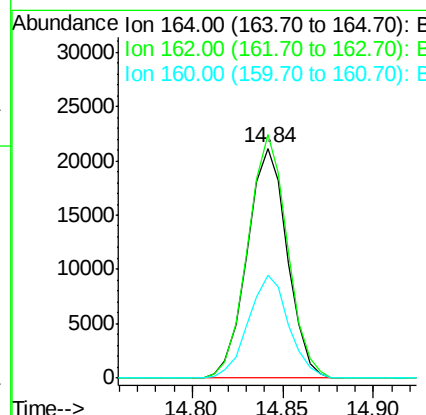
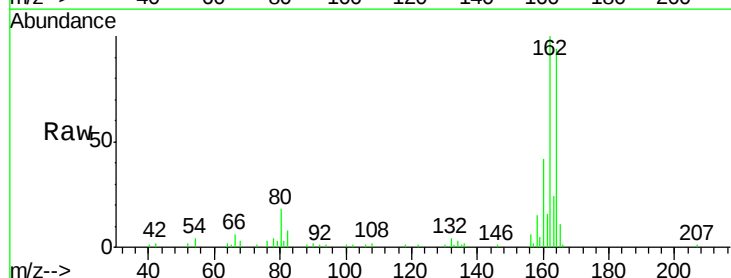
Instrument :
 BNA_G
 ClientSampleId :

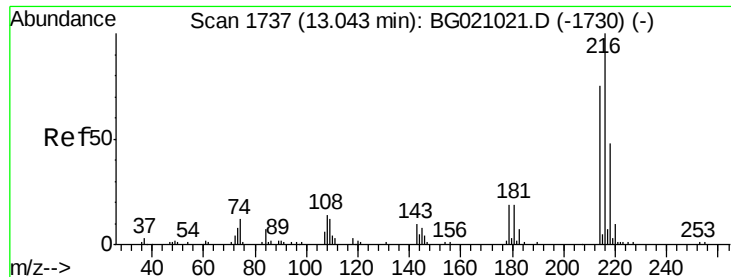
Tgt Ion:142 Resp: 75277
 Ion Ratio Lower Upper
 142 100
 141 93.3 74.3 111.5
 115 28.9 22.4 33.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:164 Resp: 32572
 Ion Ratio Lower Upper
 164 100
 162 106.0 83.4 125.2
 160 45.0 37.0 55.4

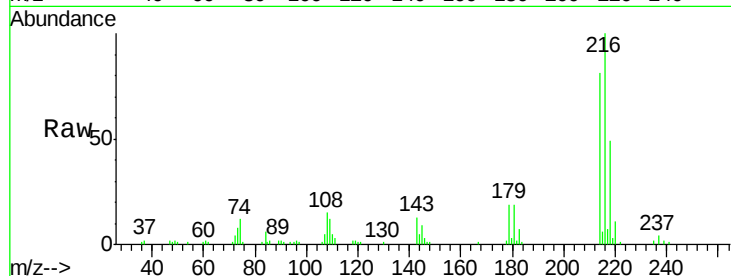




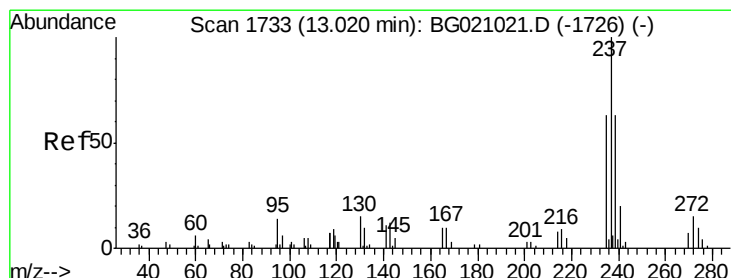
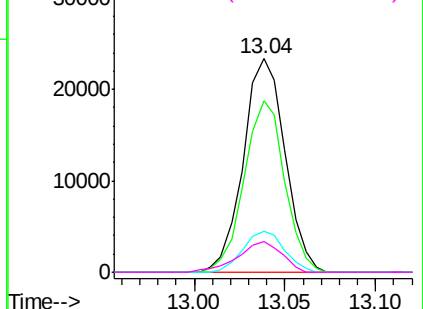
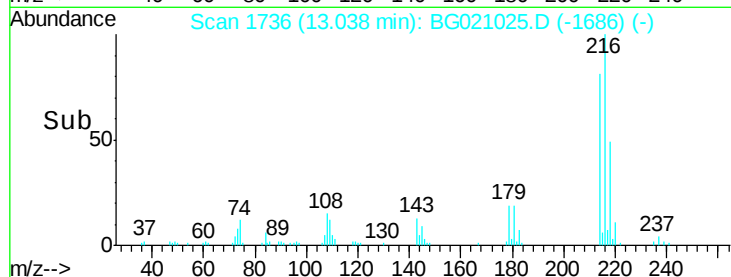
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.70 ng
 RT: 13.04 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:	216	Resp:	37316
Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.1	93.1
179	19.1	15.3	22.9
108	15.0	13.0	19.4

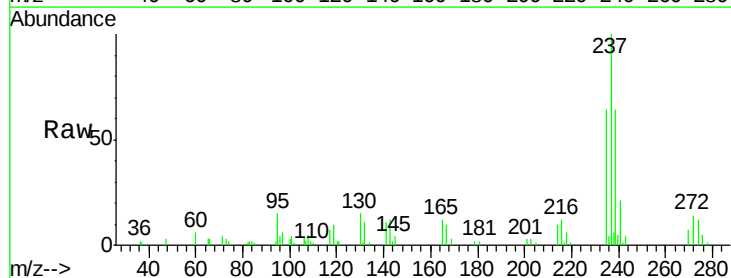


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

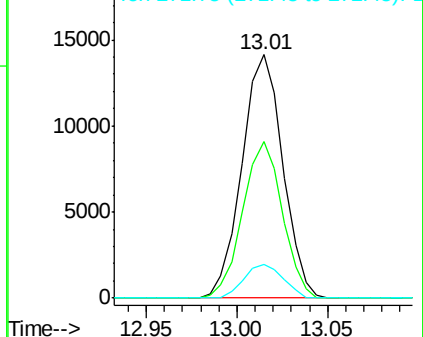
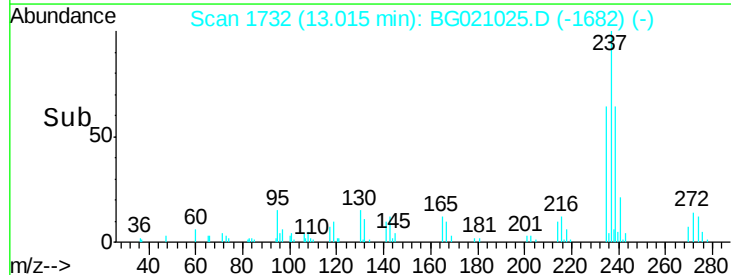


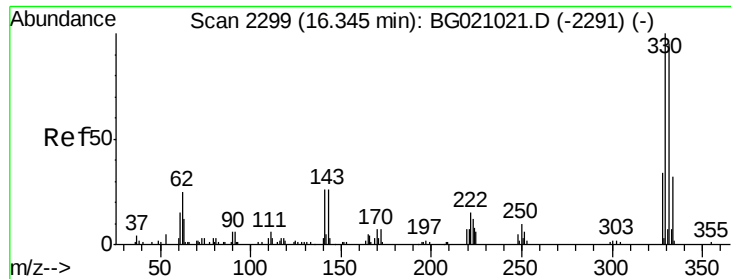
#40
 Hexachlorocyclopentadiene
 Concen: 42.73 ng
 RT: 13.01 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:	237	Resp:	22143
Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.1	83.1
272	14.0	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

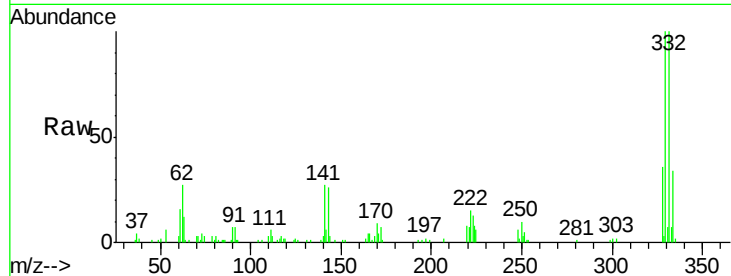




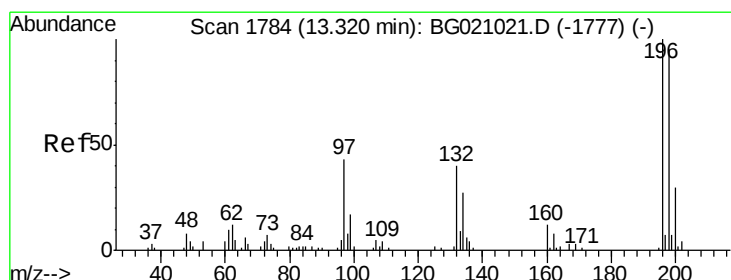
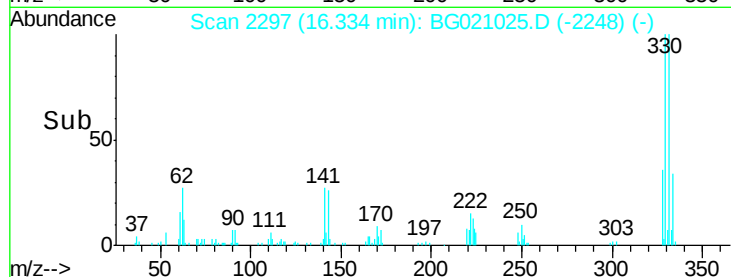
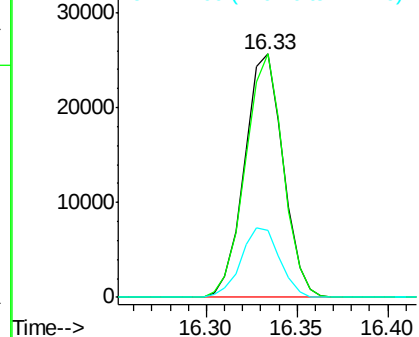
#41
 2,4,6-Tribromophenol
 Concen: 85.34 ng
 RT: 16.33 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:330 Resp: 37880
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.4
 141 28.4 23.5 35.3

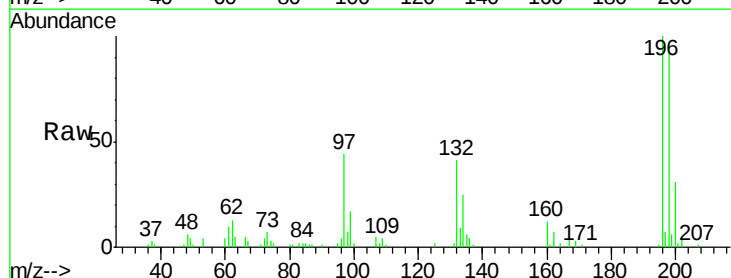


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

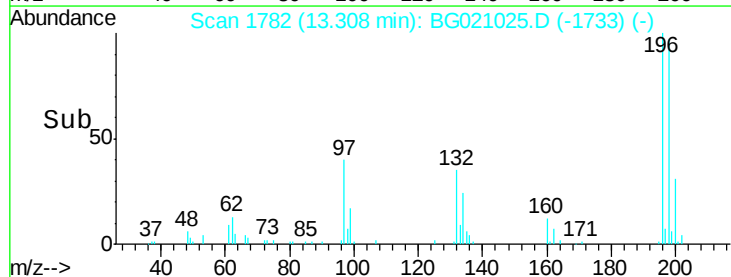
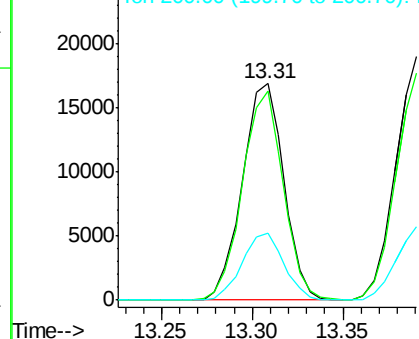


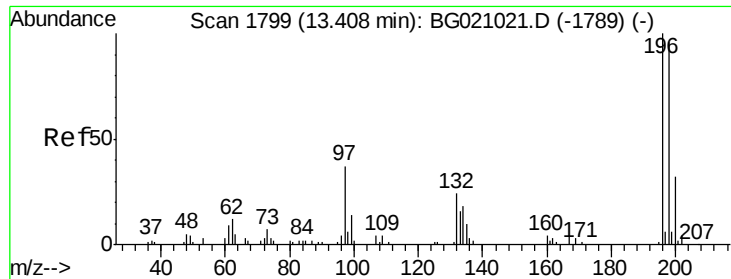
#42
 2,4,6-Trichlorophenol
 Concen: 40.17 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:196 Resp: 26779
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.3 114.5
 200 30.7 24.3 36.5



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

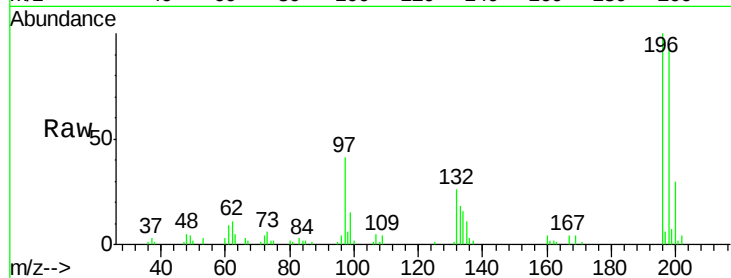




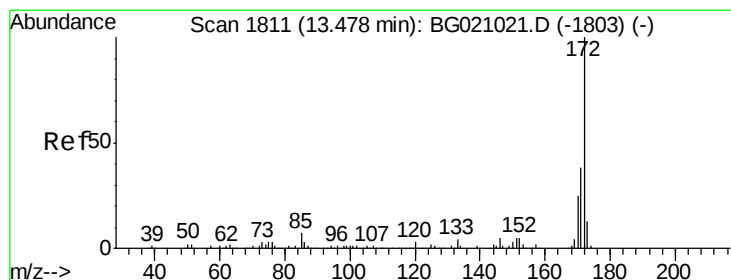
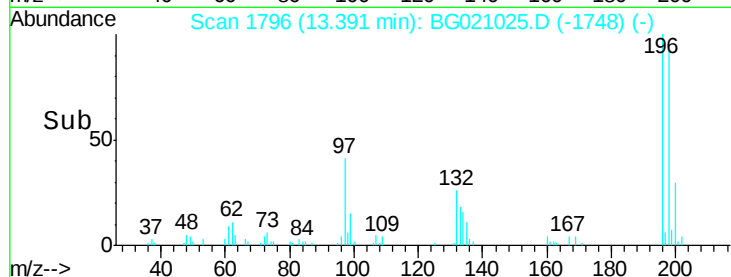
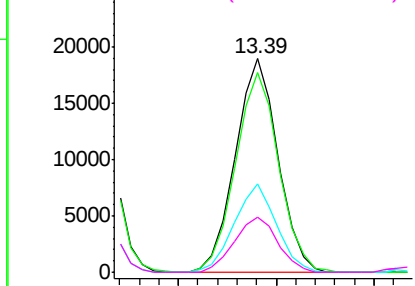
#43
 2,4,5-Trichlorophenol
 Concen: 40.95 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion:	196	Resp:	28633
Ion	Ratio	Lower	Upper
196	100		
198	93.4	77.0	115.6
97	41.2	28.9	43.3
132	25.9	18.9	28.3

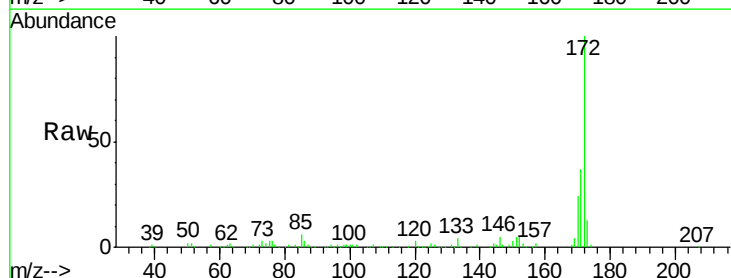


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

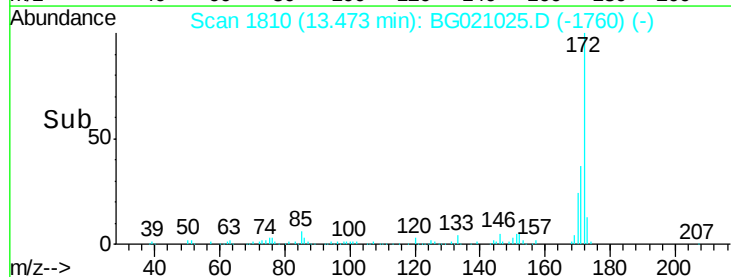
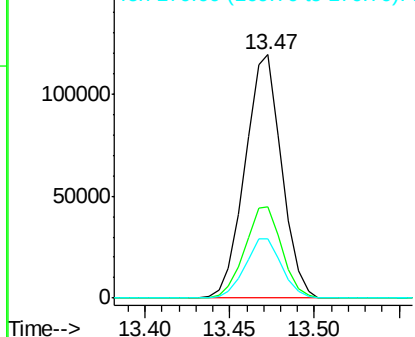


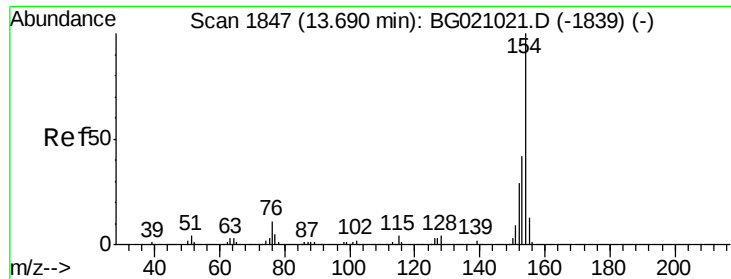
#44
 2-Fluorobiphenyl
 Concen: 76.89 ng
 RT: 13.47 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:	172	Resp:	179362
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.3	45.5
170	24.4	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

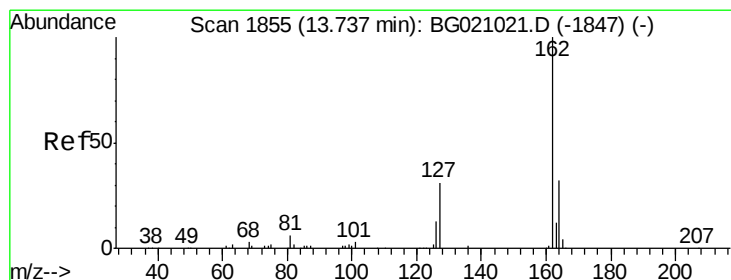
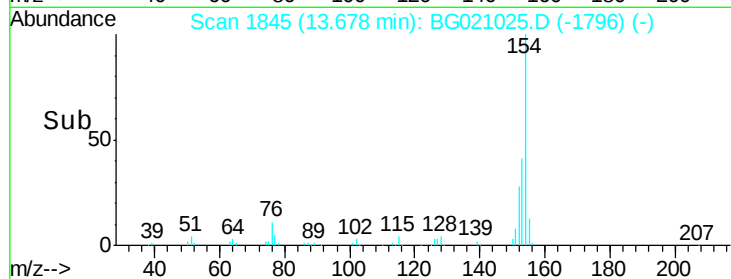
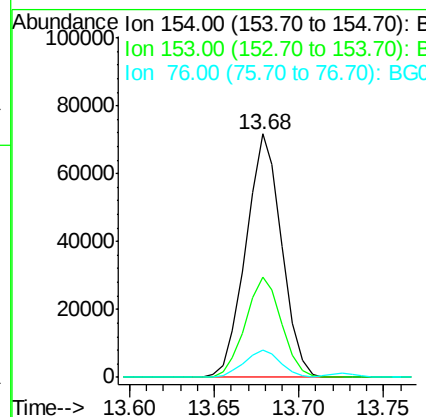
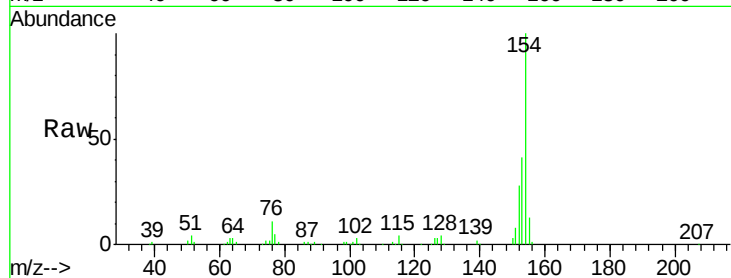




#45
 1,1'-Biphenyl
 Concen: 37.94 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

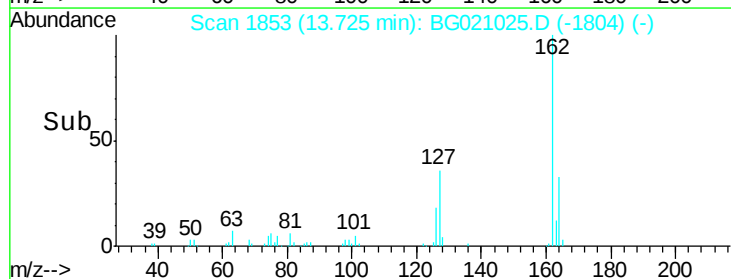
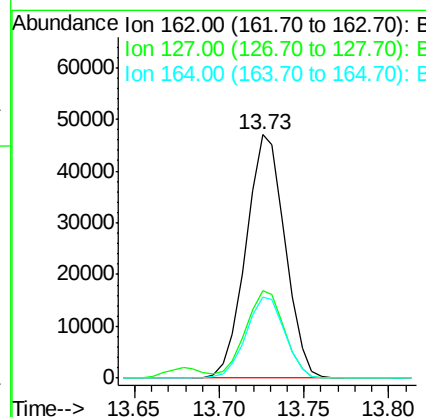
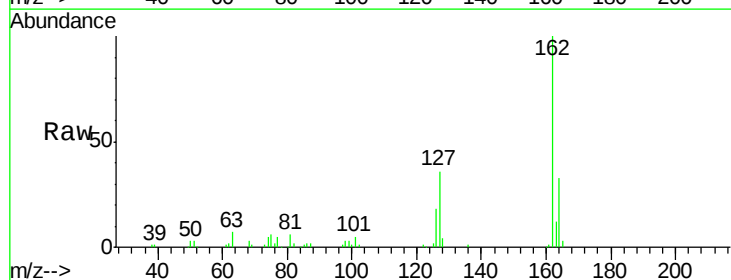
Instrument :
 BNA_G
 ClientSampled :

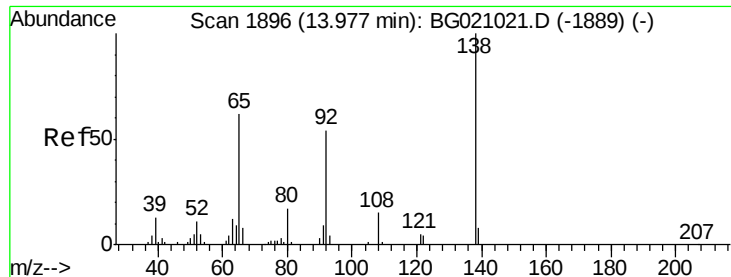
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.1	62.1
76	11.1	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 38.18 ng
 RT: 13.73 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.2	27.9	41.9
164	33.2	25.8	38.6

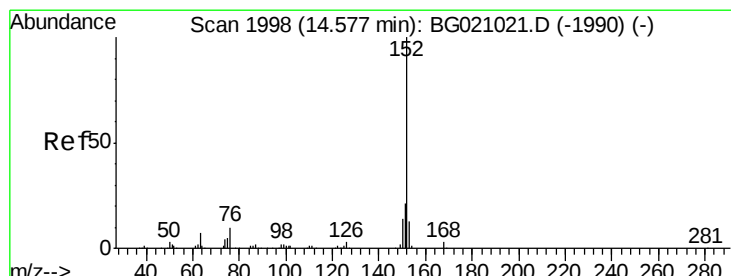
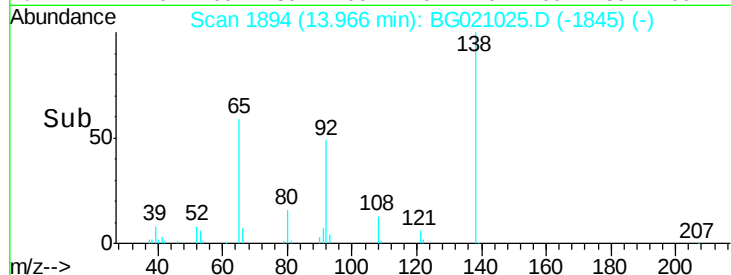
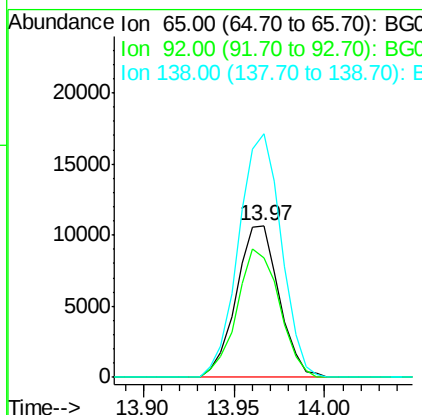
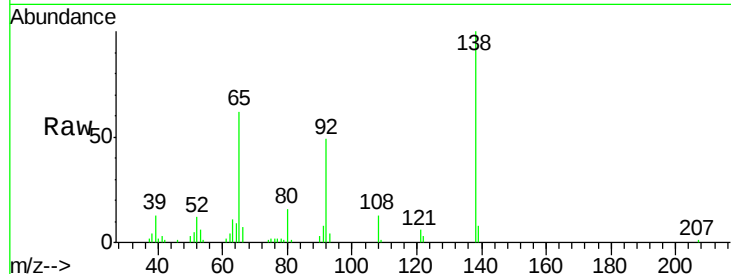




#47
2-Nitroaniline
Concen: 40.76 ng
RT: 13.97 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

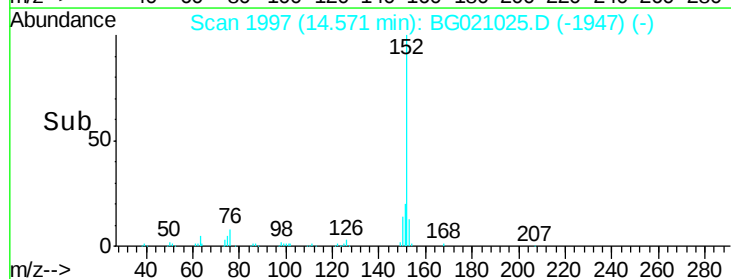
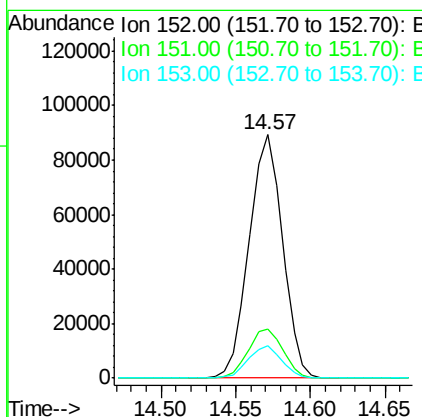
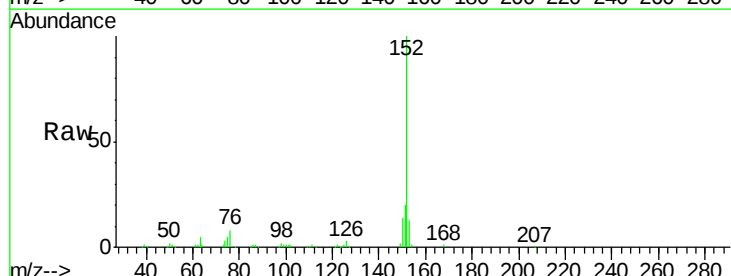
Instrument :
BNA_G
ClientSampleId :

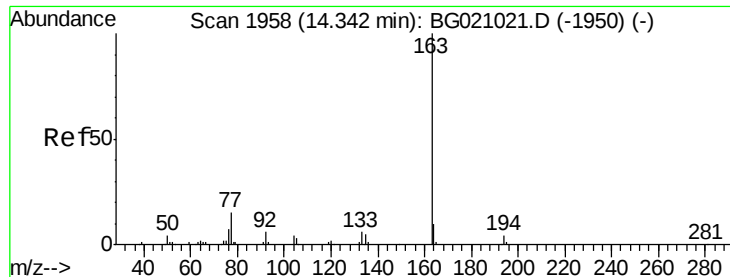
Tgt Ion: 65 Resp: 17431
Ion Ratio Lower Upper
65 100
92 79.2 68.7 103.1
138 160.6 128.1 192.1



#48
Acenaphthylene
Concen: 38.66 ng
RT: 14.57 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion: 152 Resp: 138418
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 39.59 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BG021025.D

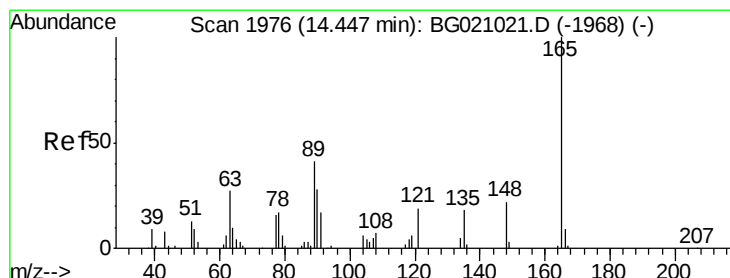
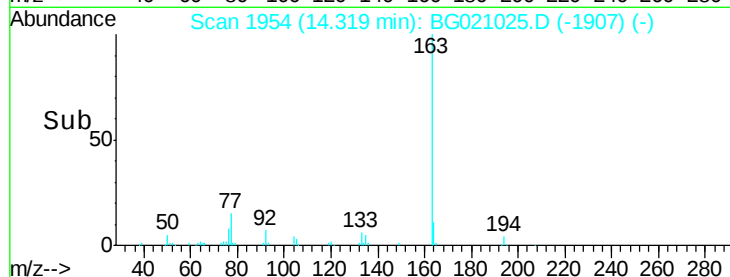
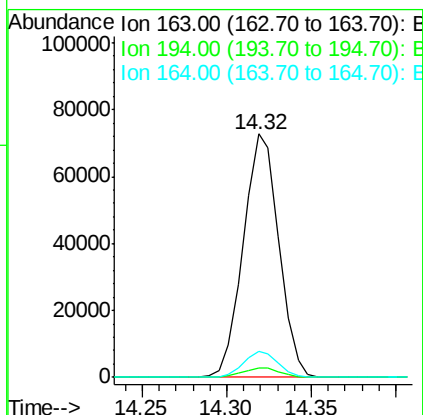
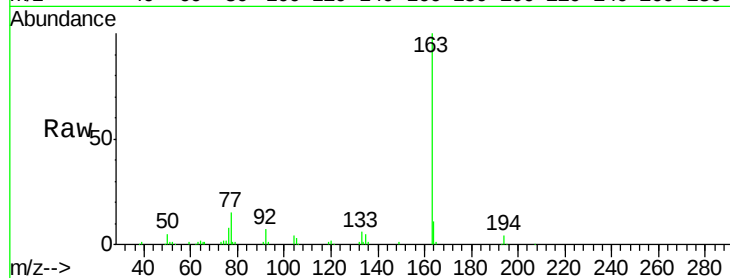
Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampled :

Tgt Ion:	163	Resp:	106371
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.7	8.1	12.1



#50

2,6-Dinitrotoluene

Concen: 40.59 ng

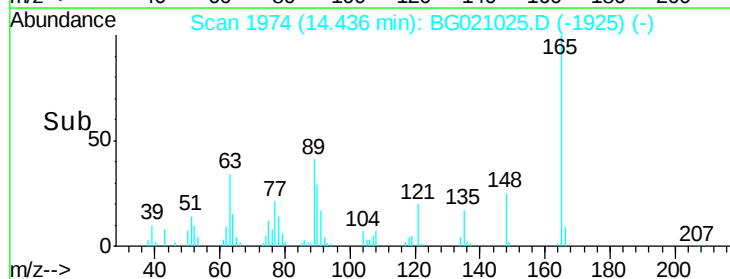
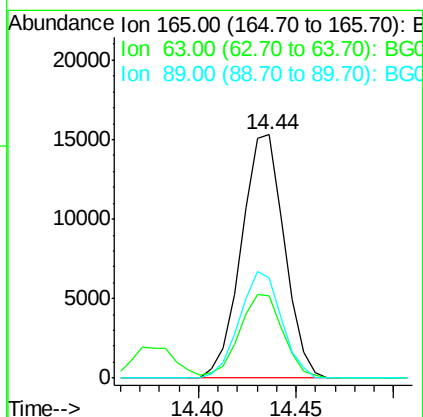
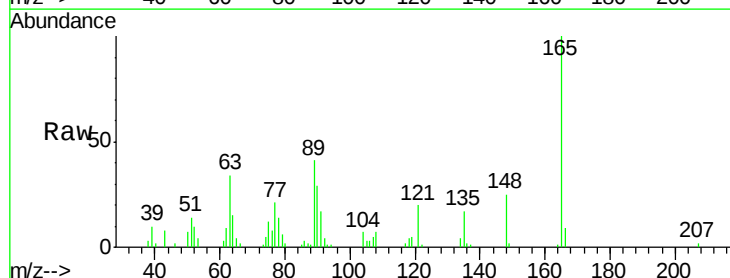
RT: 14.44 min Scan# 1974

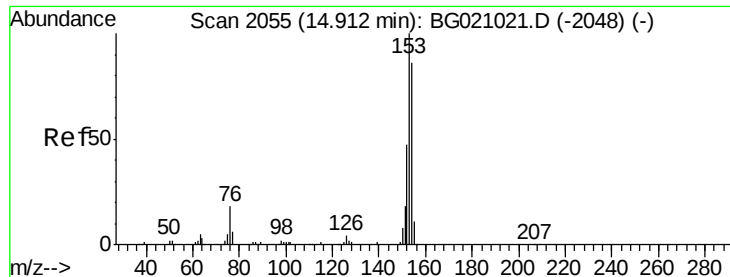
Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Tgt Ion:	165	Resp:	23300
Ion	Ratio	Lower	Upper
165	100		
63	33.7	27.3	40.9
89	41.0	33.0	49.6





#51

Acenaphthene

Concen: 39.79 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

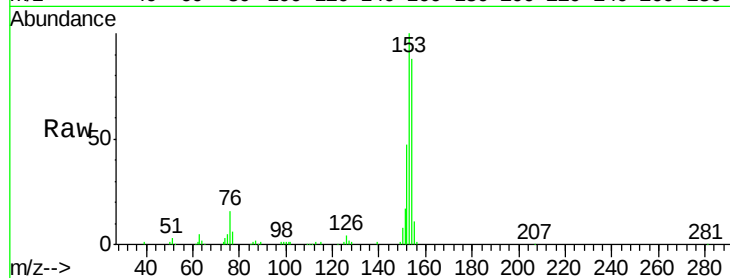
Tgt Ion:154 Resp: 80607

Ion Ratio Lower Upper

154 100

153 113.8 93.4 140.0

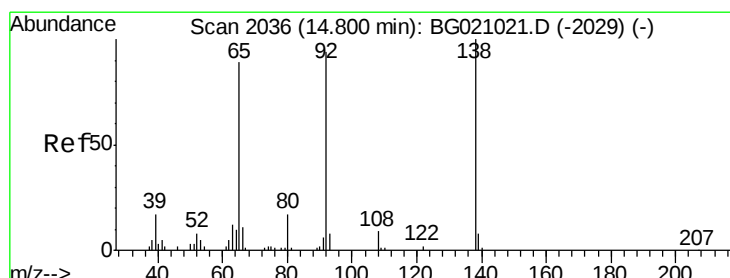
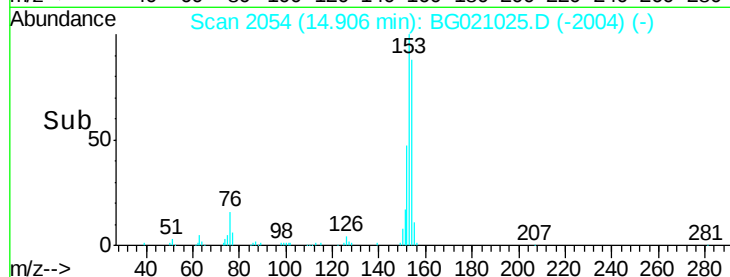
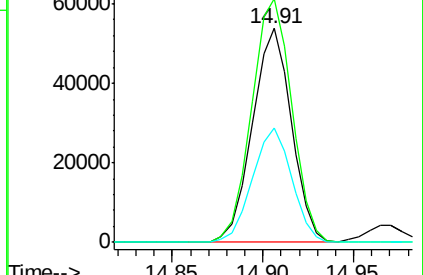
152 53.3 43.4 65.2



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: 44.60 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

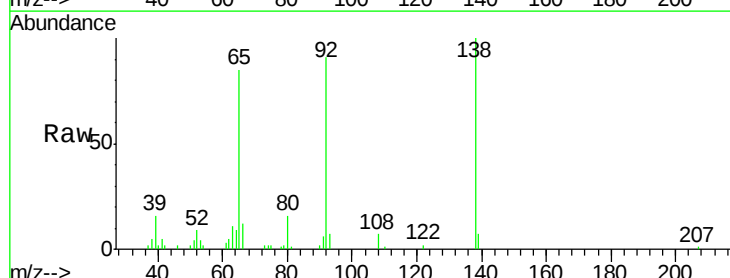
Tgt Ion:138 Resp: 25558

Ion Ratio Lower Upper

138 100

108 7.4 6.9 10.3

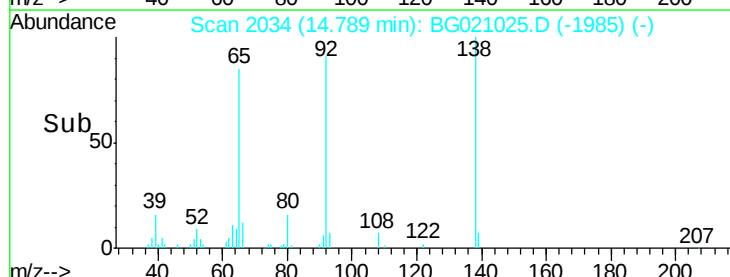
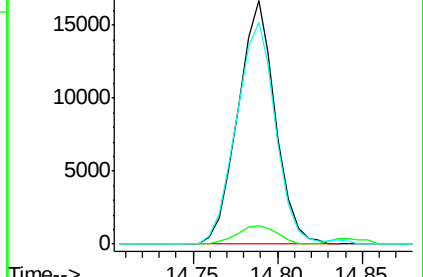
92 91.4 75.4 113.2

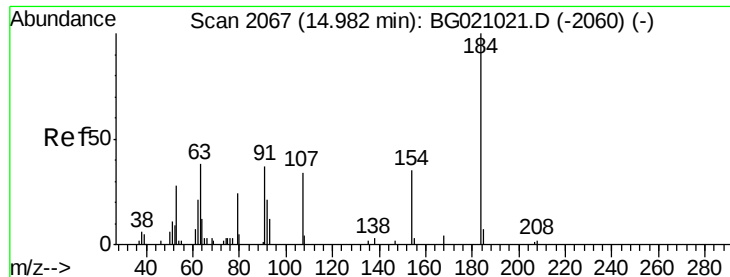


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

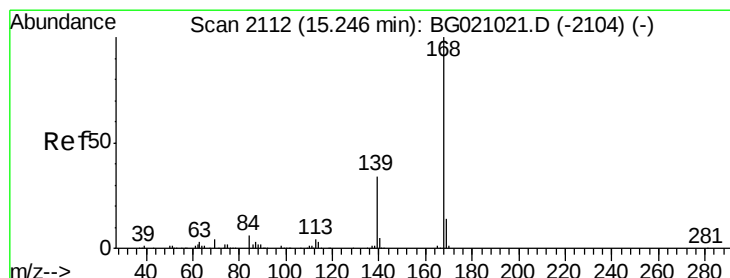
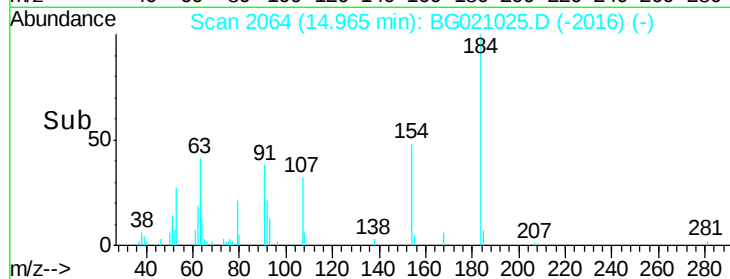
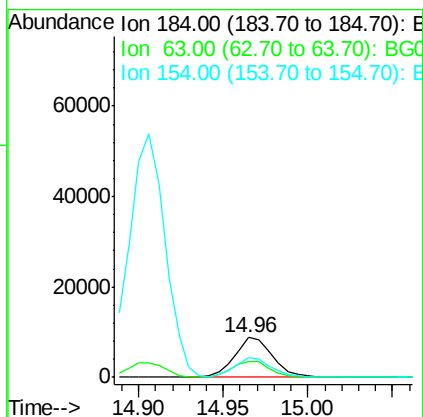
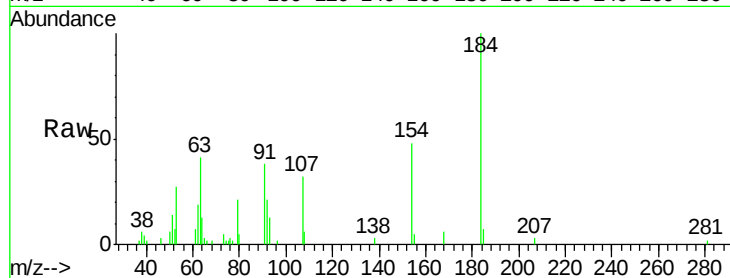




#53
2,4-Dinitrophenol
Concen: 40.46 ng
RT: 14.96 min Scan# 2064
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

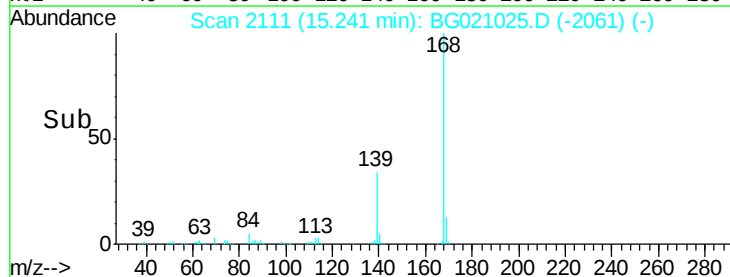
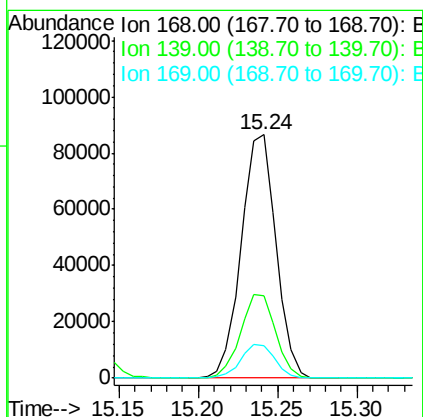
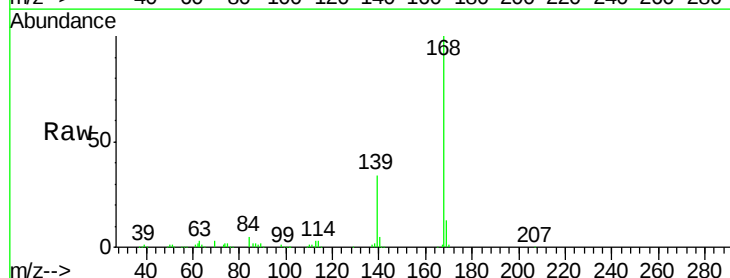
Instrument :
BNA_G
ClientSampleId :

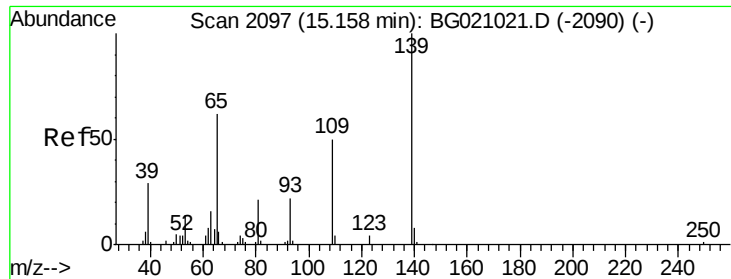
Tgt Ion:184 Resp: 13827
Ion Ratio Lower Upper
184 100
63 40.9 30.5 45.7
154 48.5 37.0 55.6



#54
Dibenzofuran
Concen: 43.89 ng
RT: 15.24 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion:168 Resp: 131648
Ion Ratio Lower Upper
168 100
139 33.6 27.8 41.6
169 13.2 11.0 16.4

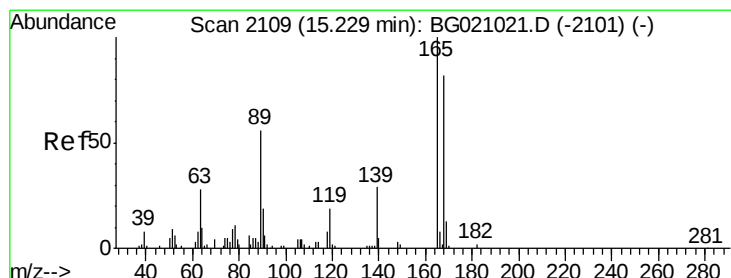
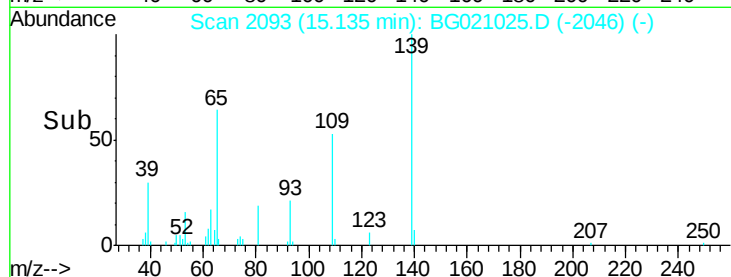
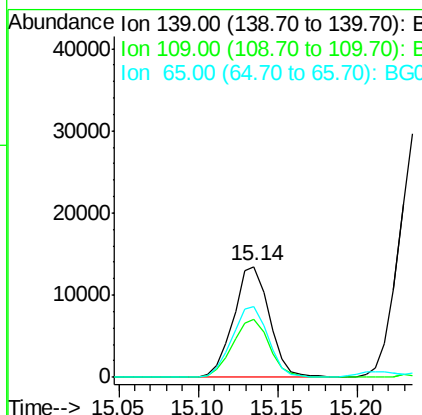
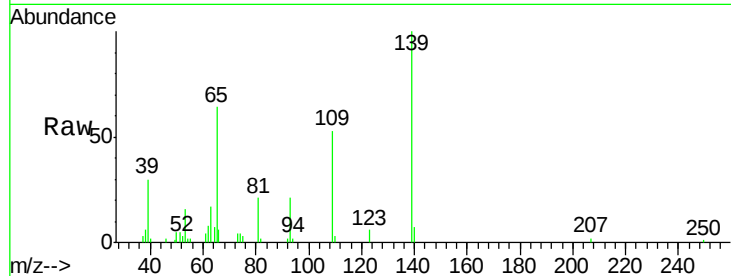




#55
4-Nitrophenol
Concen: 40.85 ng
RT: 15.14 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

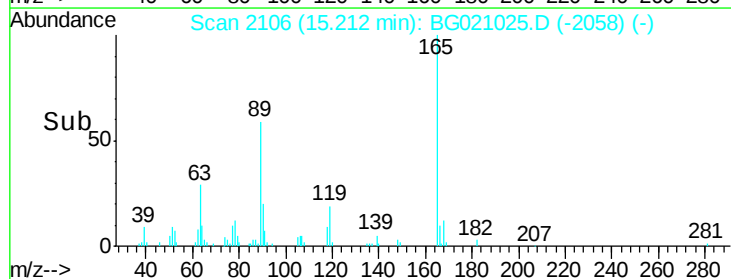
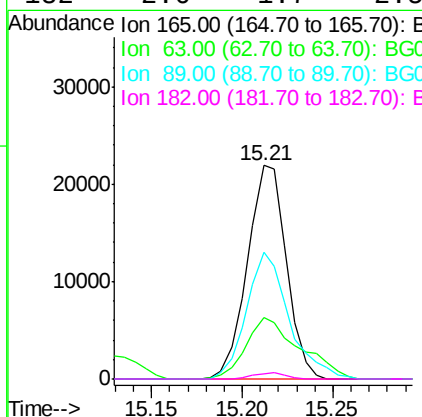
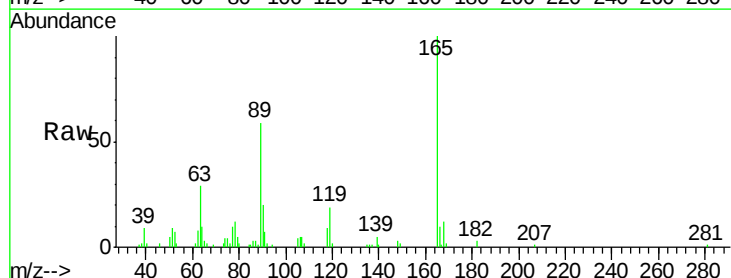
Instrument :
BNA_G
ClientSampled :

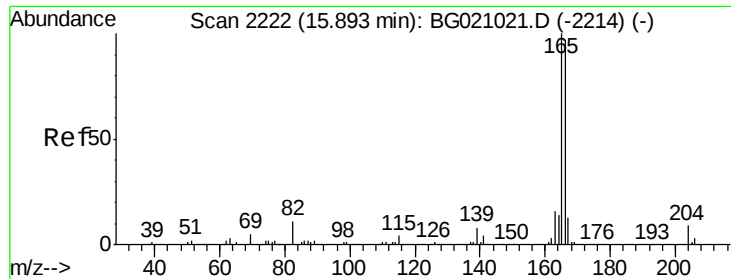
Tgt Ion	Ratio	Lower	Upper
139	100		
109	53.0	29.6	69.6
65	64.1	41.8	81.8



#56
2,4-Dinitrotoluene
Concen: 41.96 ng
RT: 15.21 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	28.9	22.6	34.0
89	59.4	45.1	67.7
182	2.6	1.7	2.5#

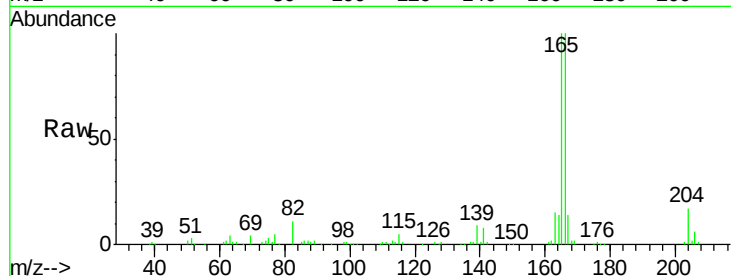




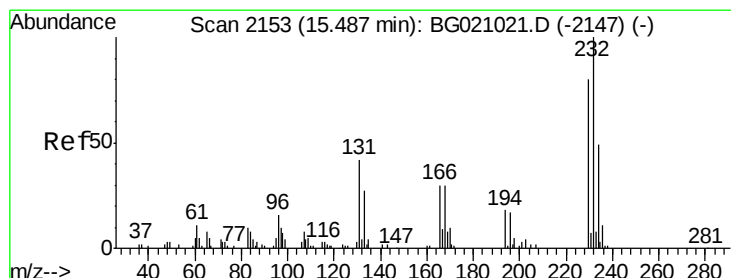
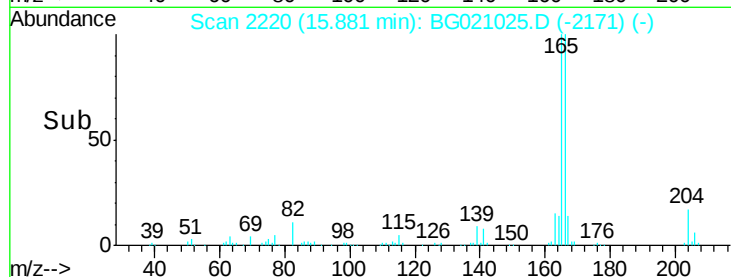
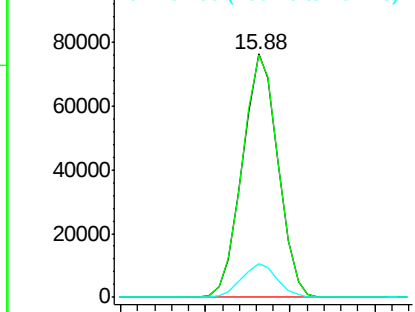
#57
 Fluorene
 Concen: 41.15 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:166 Resp: 112192
 Ion Ratio Lower Upper
 166 100
 165 99.6 82.2 123.4
 167 13.6 10.6 16.0

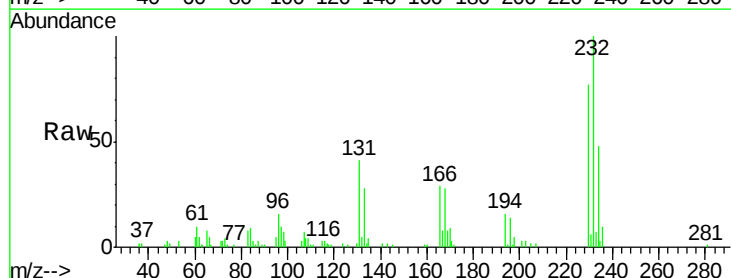


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

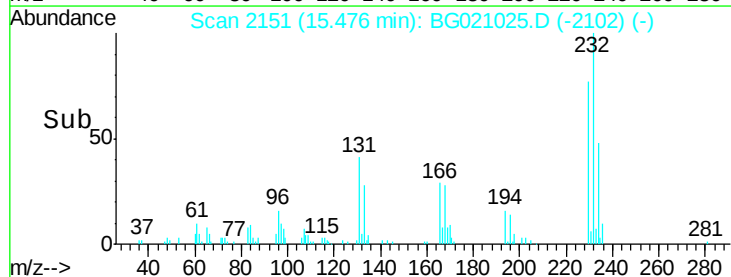
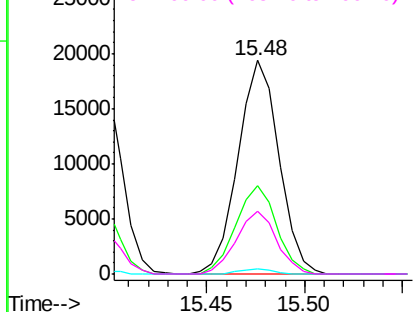


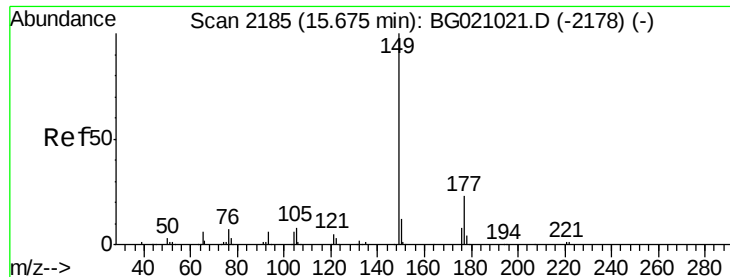
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.21 ng
 RT: 15.48 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:232 Resp: 28154
 Ion Ratio Lower Upper
 232 100
 131 40.8 33.2 49.8
 130 1.9 1.8 2.8
 166 28.9 23.7 35.5



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

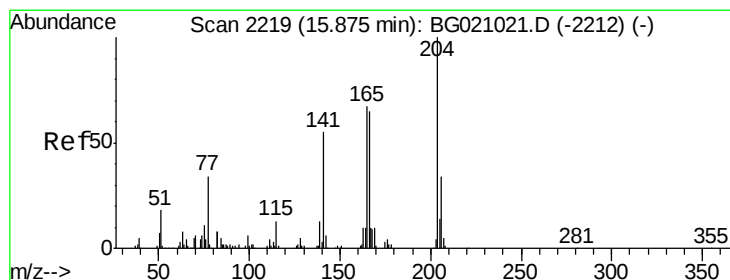
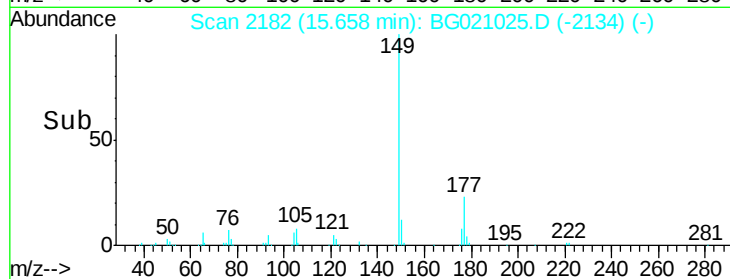
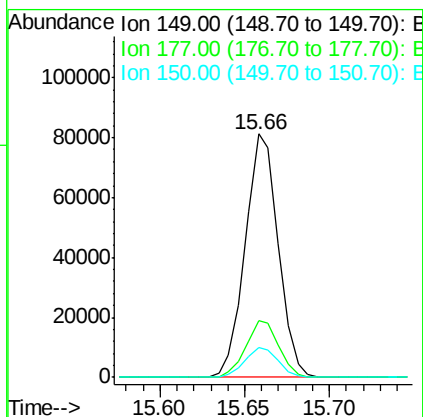
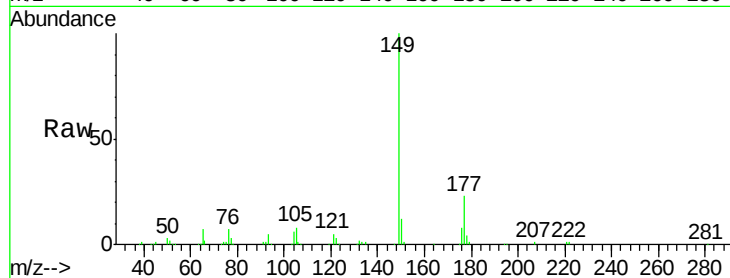




#59
Diethylphthalate
Concen: 40.84 ng
RT: 15.66 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

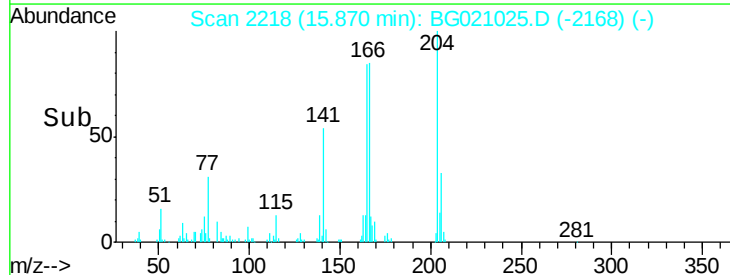
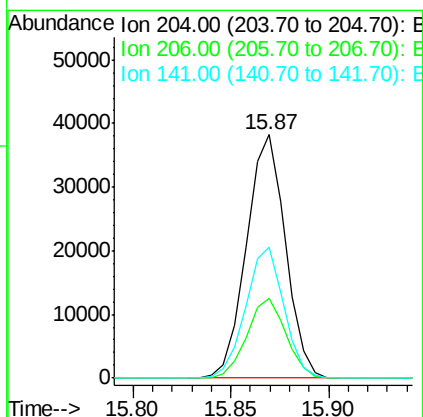
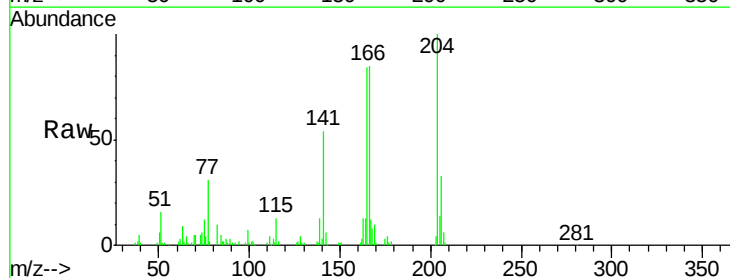
Instrument :
BNA_G
ClientSampleId :

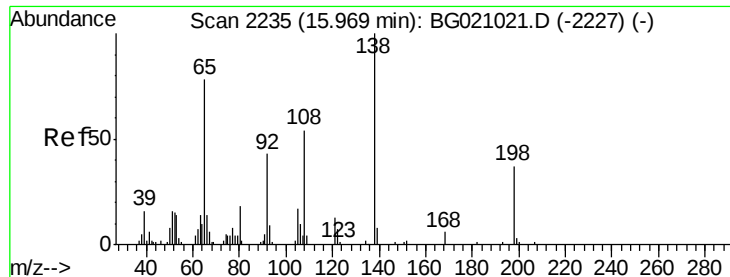
Tgt Ion:149 Resp: 110485
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 39.86 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion:204 Resp: 52688
Ion Ratio Lower Upper
204 100
206 32.8 27.4 41.2
141 53.7 44.1 66.1

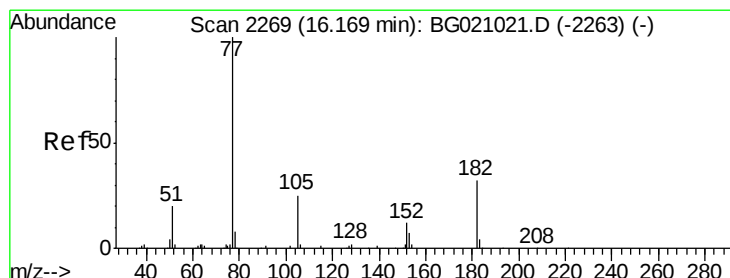
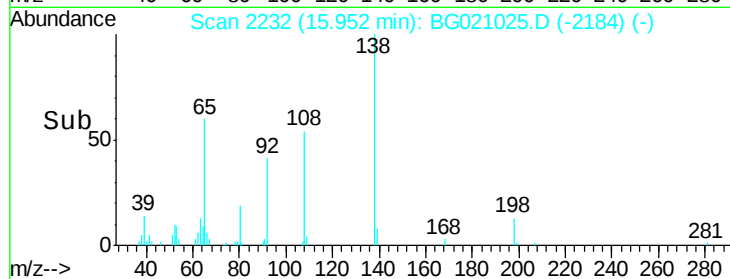
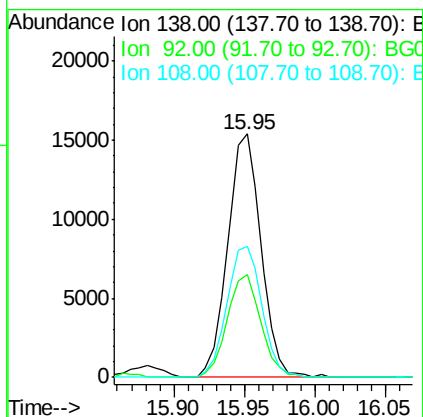
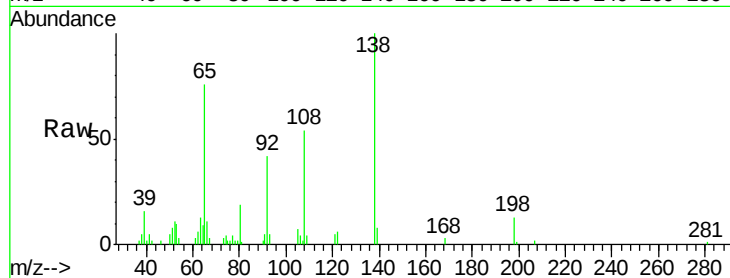




#61
4-Nitroaniline
Concen: 42.24 ng
RT: 15.95 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

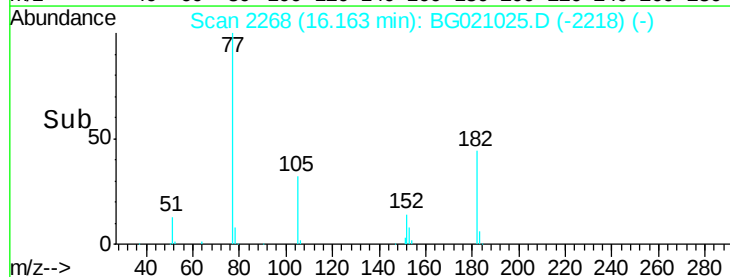
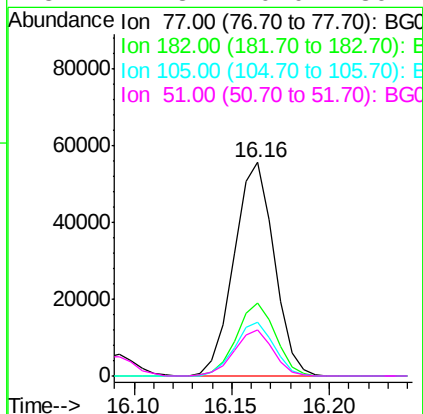
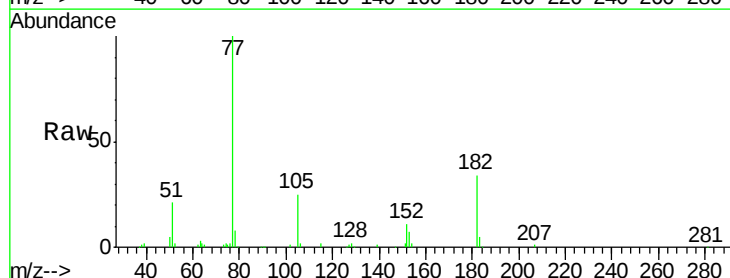
Instrument :
BNA_G
ClientSampleId :

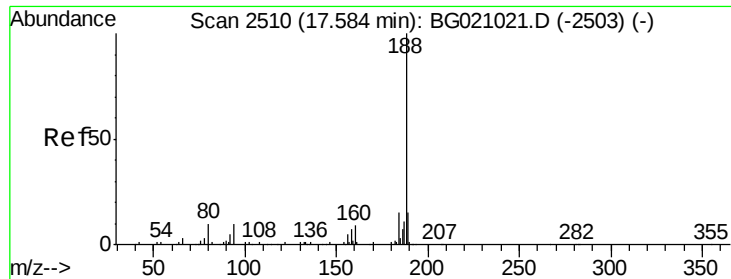
Tgt Ion: 138 Resp: 25219
Ion Ratio Lower Upper
138 100
92 42.3 22.9 62.9
108 53.6 34.1 74.1



#62
Azobenzene
Concen: 44.04 ng
RT: 16.16 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion: 77 Resp: 78880
Ion Ratio Lower Upper
77 100
182 34.3 11.7 51.7
105 25.2 5.0 45.0
51 21.3 0.0 39.7

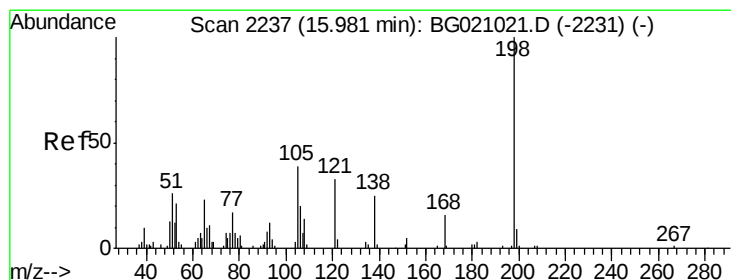
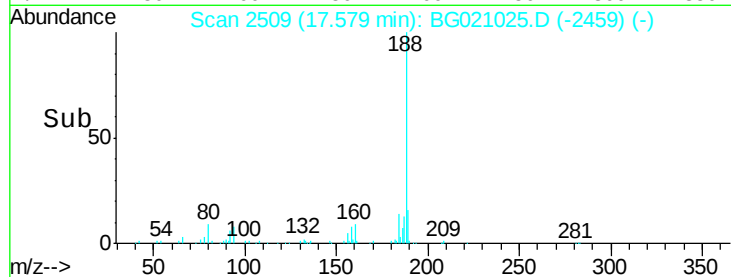
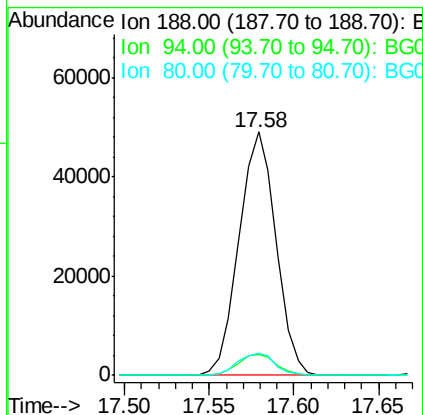
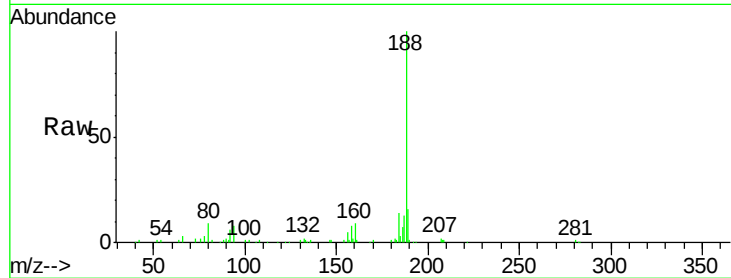




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

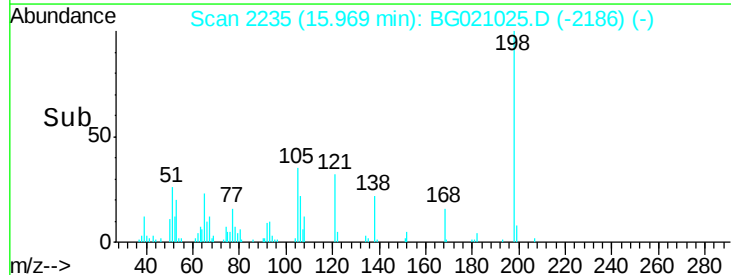
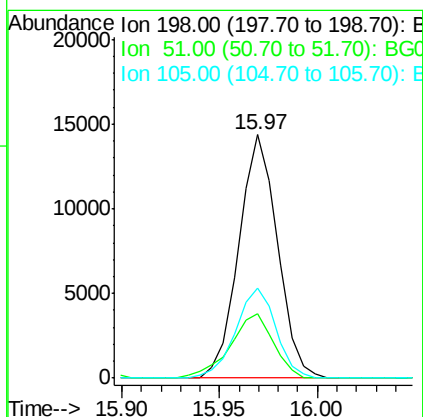
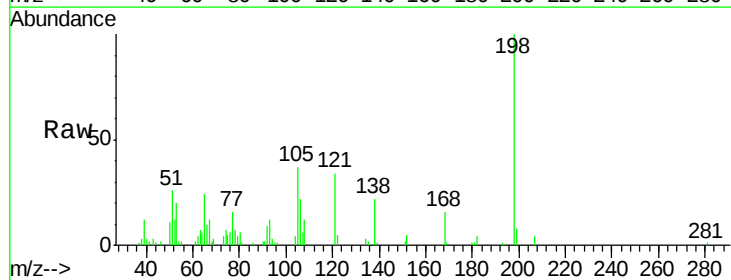
Instrument :
BNA_G
ClientSampleId :

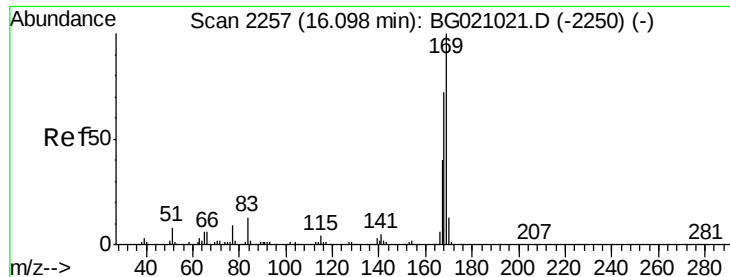
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.9	11.9
80	9.3	8.2	12.4



#64
4,6-Dinitro-2-methylphenol
Concen: 39.24 ng
RT: 15.97 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion	Ratio	Lower	Upper
198	100		
51	26.3	5.5	45.5
105	36.8	19.4	59.4

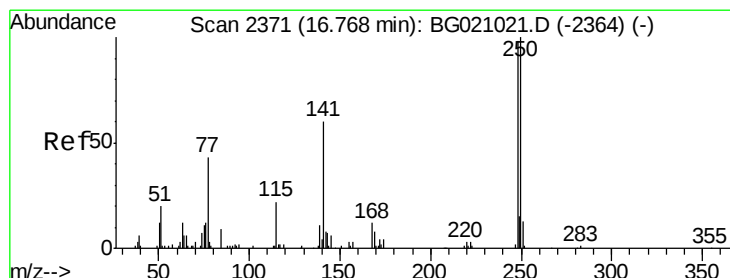
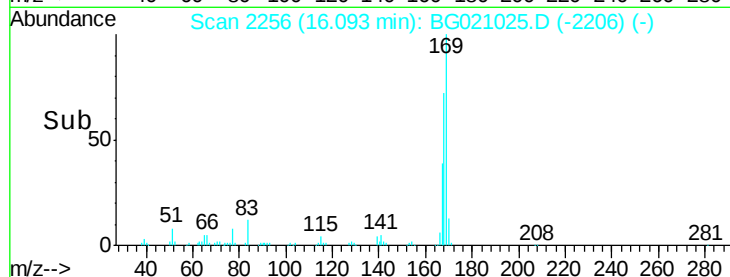
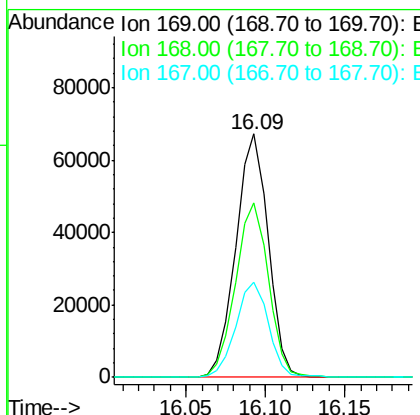
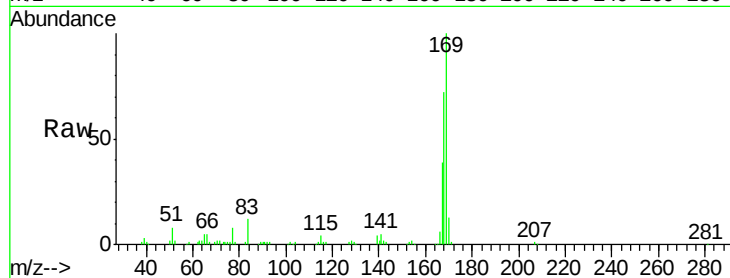




#65
n-Nitrosodiphenylamine
Concen: 39.55 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

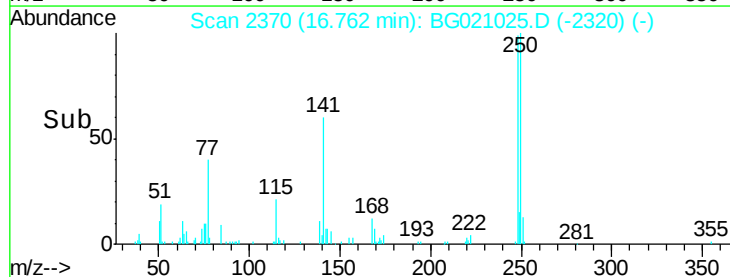
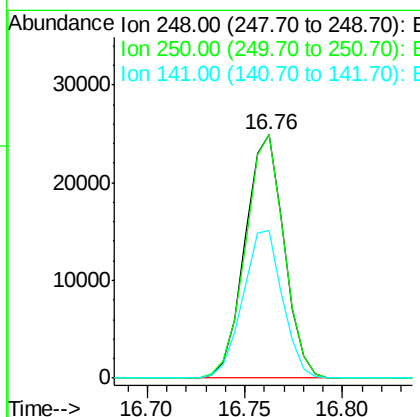
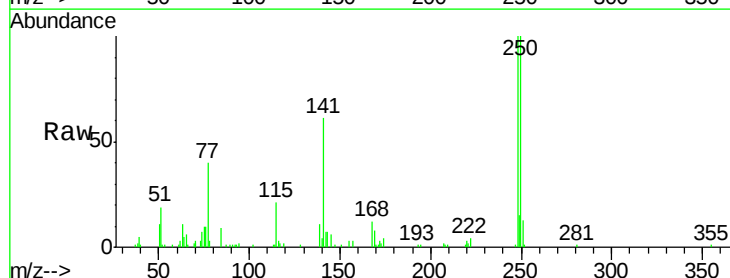
Instrument :
BNA_G
ClientSampleId :

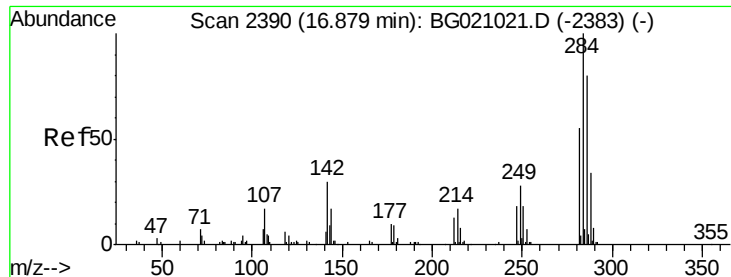
Tgt Ion:169 Resp: 95118
Ion Ratio Lower Upper
169 100
168 71.9 57.8 86.6
167 38.9 32.0 48.0



#66
4-Bromophenyl-phenylether
Concen: 38.81 ng
RT: 16.76 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion:248 Resp: 34394
Ion Ratio Lower Upper
248 100
250 100.0 81.4 122.2
141 60.6 48.8 73.2

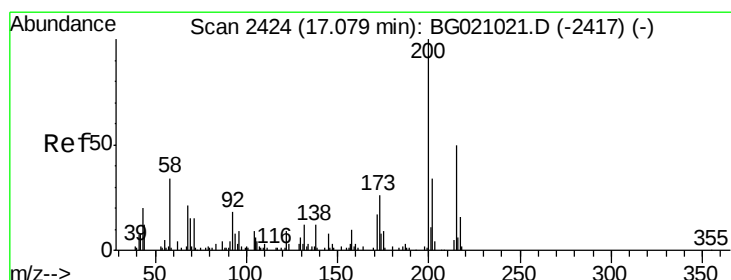
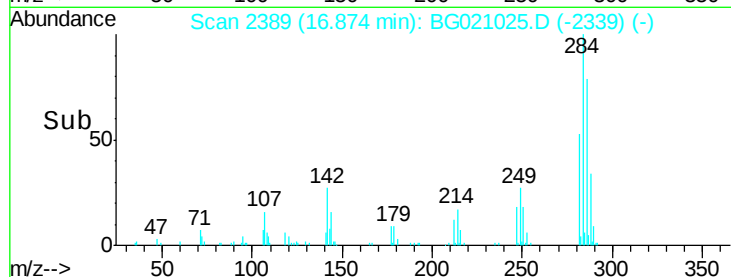
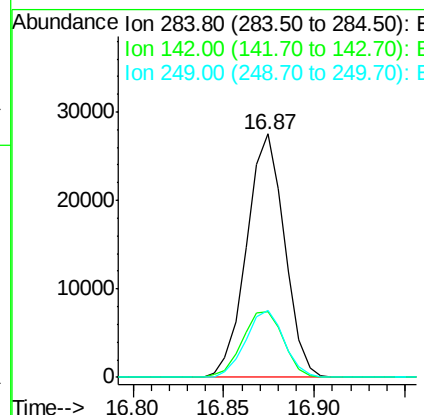
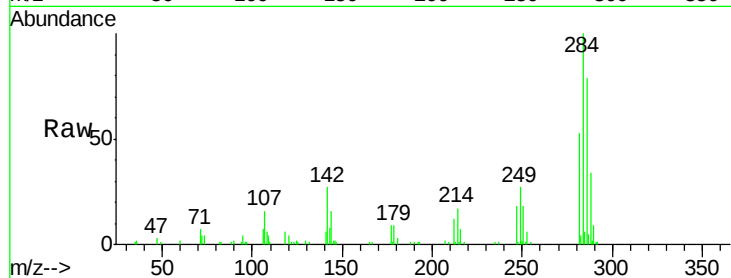




#67
Hexachlorobenzene
Concen: 40.12 ng
RT: 16.87 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

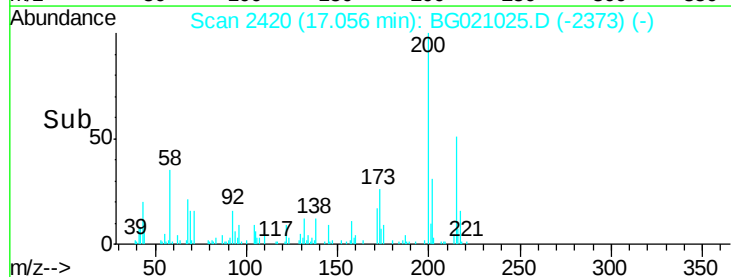
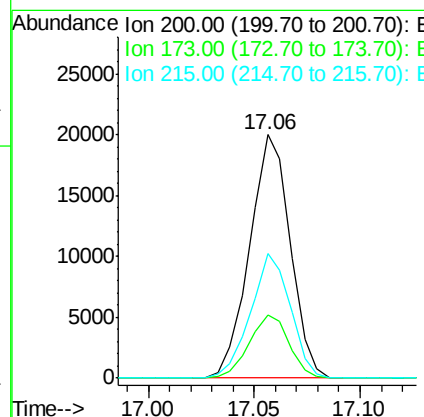
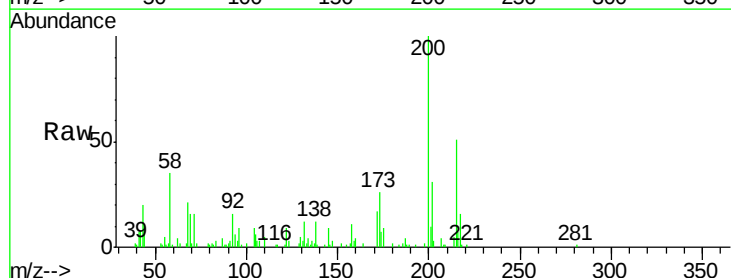
Instrument :
BNA_G
ClientSampleId :

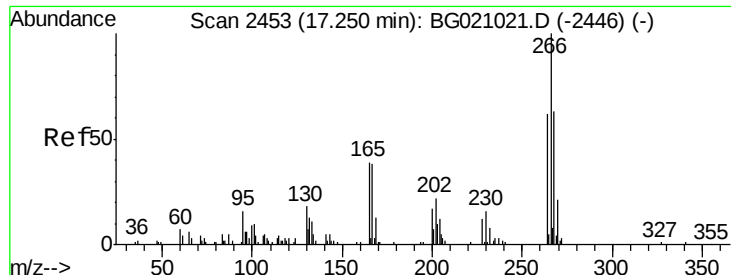
Tgt Ion:284 Resp: 40247
Ion Ratio Lower Upper
284 100
142 27.2 23.8 35.6
249 27.4 22.3 33.5



#68
Atrazine
Concen: 38.04 ng
RT: 17.06 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion:200 Resp: 26701
Ion Ratio Lower Upper
200 100
173 25.9 6.5 46.5
215 51.4 29.7 69.7

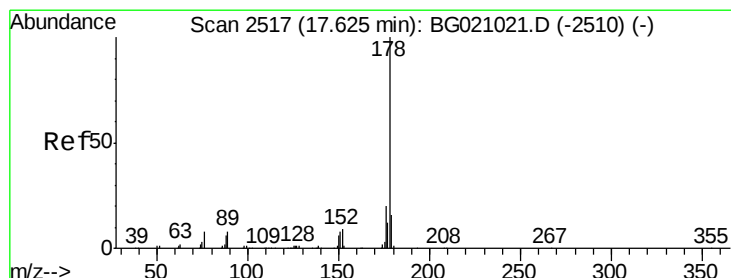
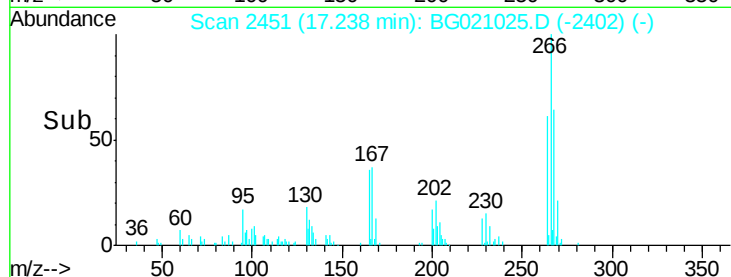
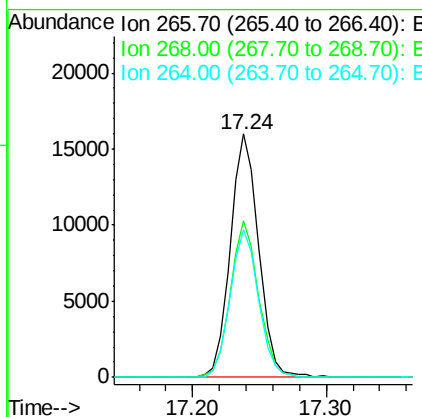
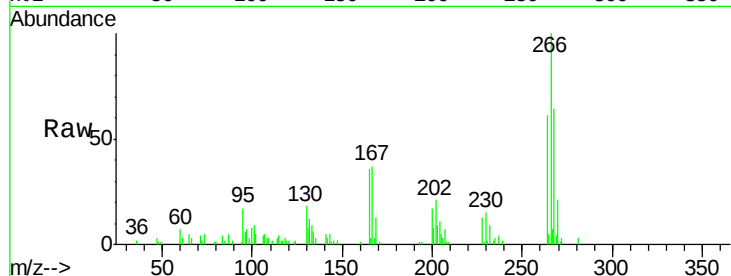




#69
 Pentachlorophenol
 Concen: 41.75 ng
 RT: 17.24 min Scan# 2451
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

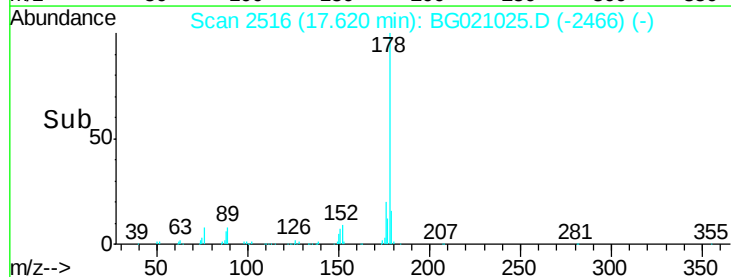
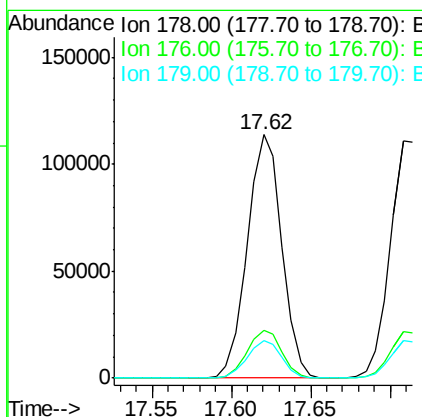
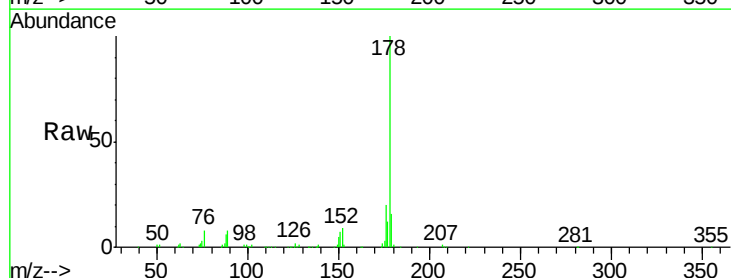
Instrument :
 BNA_G
 ClientSampleId :

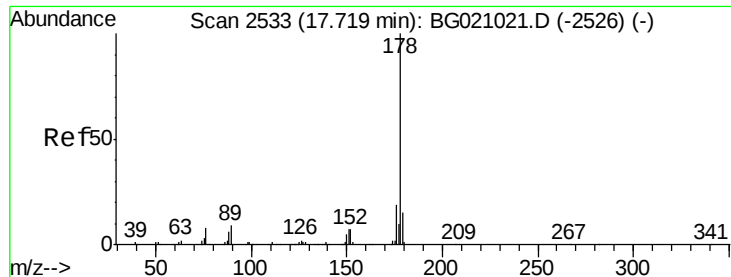
Tgt Ion:266 Resp: 23591
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.3 75.5
 264 60.8 49.8 74.8



#70
 Phenanthrene
 Concen: 41.20 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:178 Resp: 172159
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.5 12.5 18.7

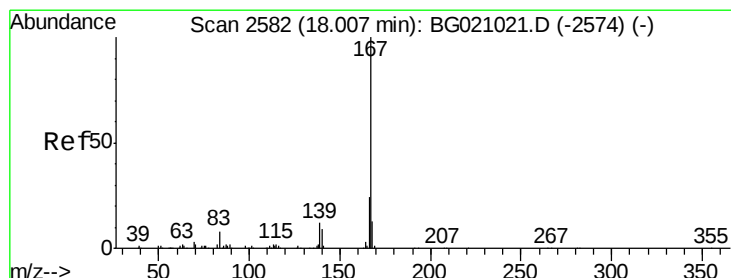
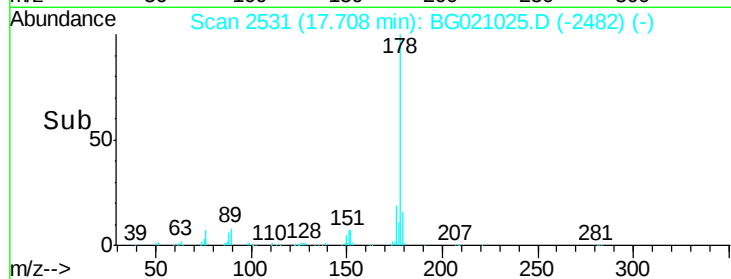
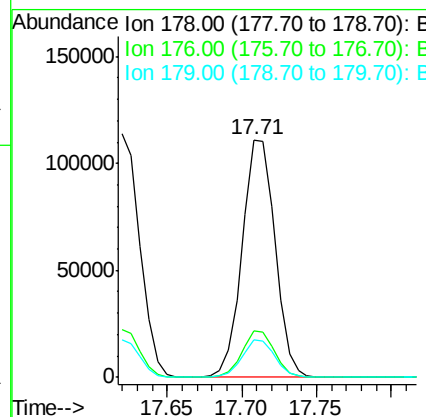
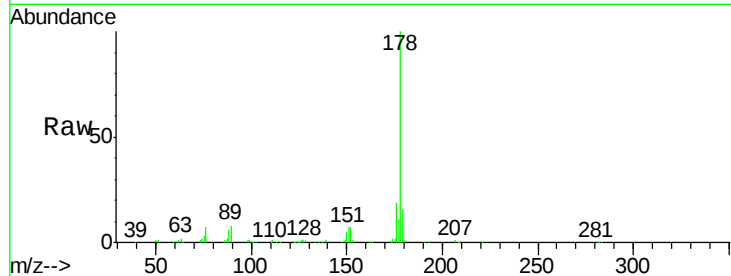




#71
 Anthracene
 Concen: 40.71 ng
 RT: 17.71 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

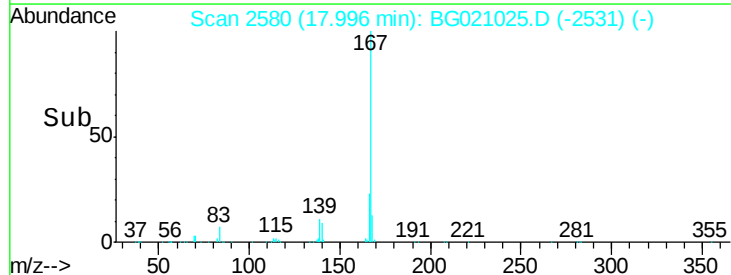
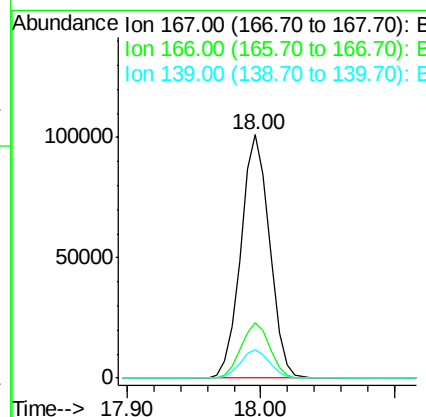
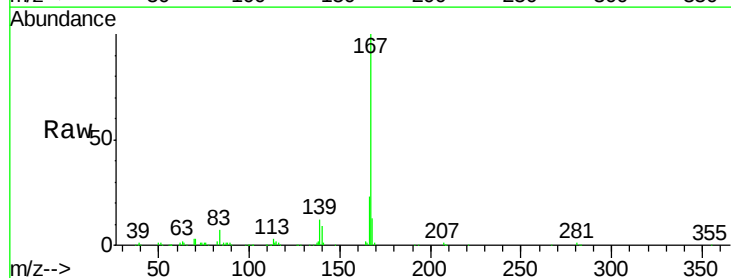
Instrument :
 BNA_G
 ClientSampleId :

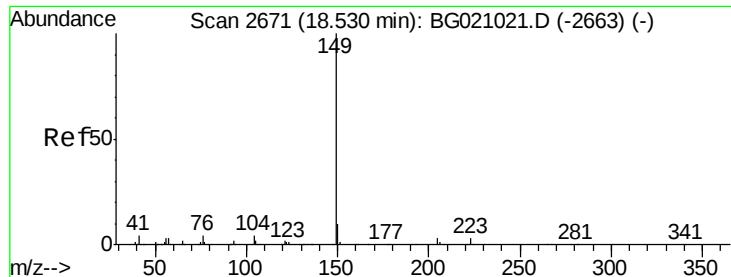
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.9	12.1	18.1



#72
 Carbazole
 Concen: 42.58 ng
 RT: 18.00 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.4	29.0
139	11.9	9.8	14.8

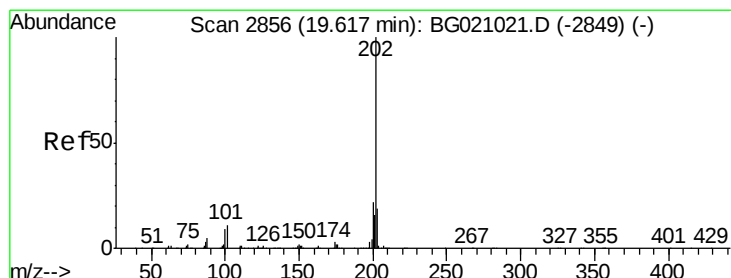
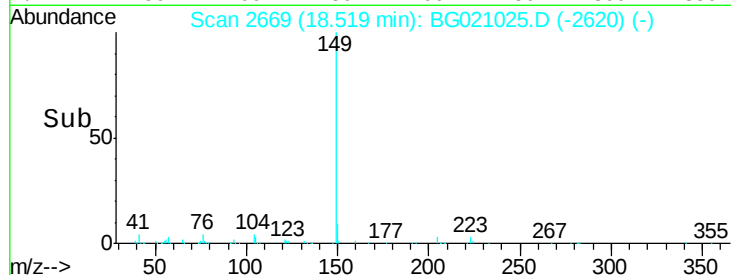
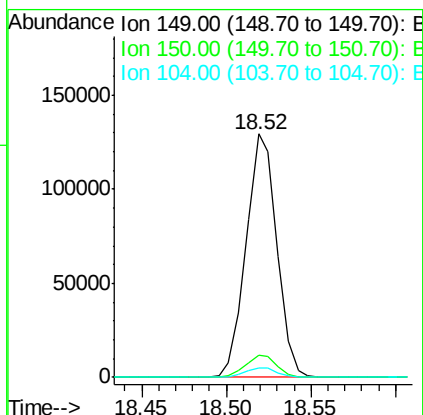
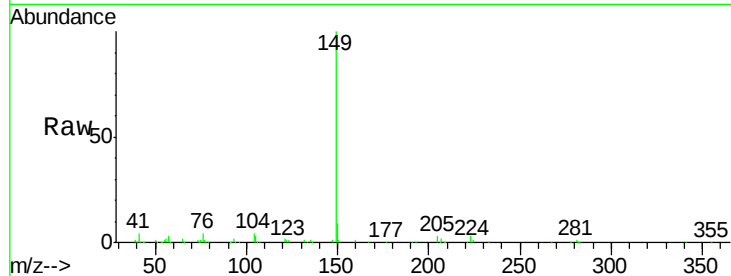




#73
Di-n-butylphthalate
Concen: 40.49 ng
RT: 18.52 min Scan# 2669
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

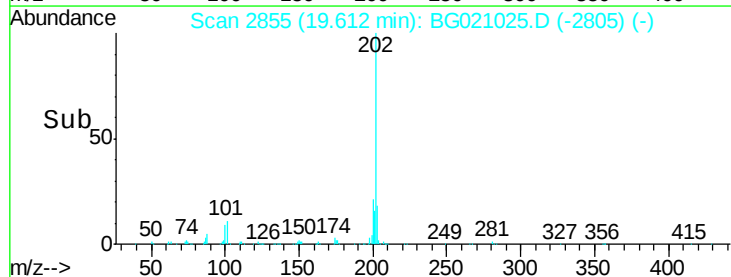
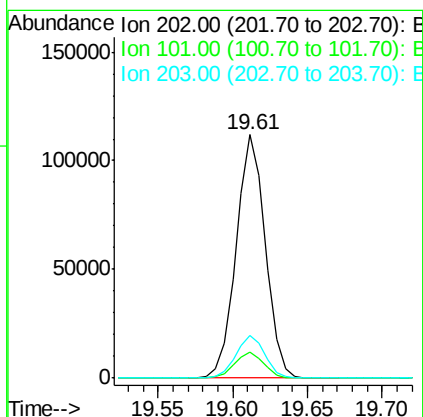
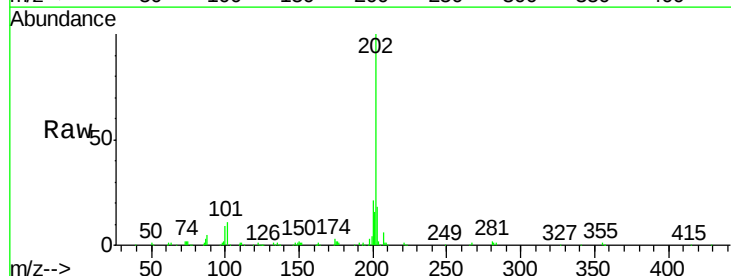
Instrument :
BNA_G
ClientSampleId :

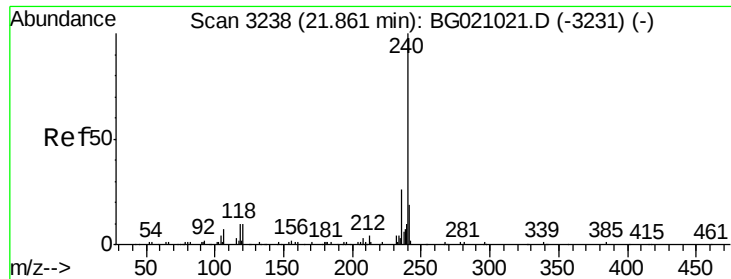
Tgt Ion:149 Resp: 163845
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.0 3.4 5.2



#74
Fluoranthene
Concen: 43.51 ng
RT: 19.61 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG021025.D
Acq: 22 Feb 2016 21:02

Tgt Ion:202 Resp: 151585
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.9
203 17.6 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

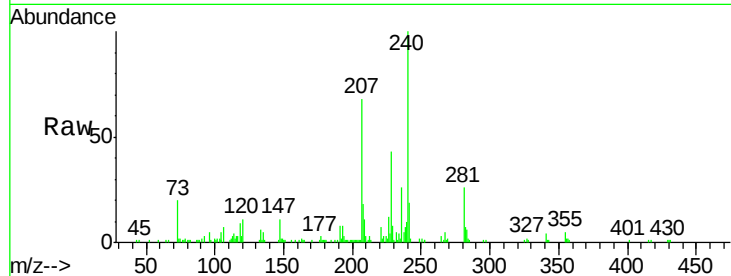
Tgt Ion:240 Resp: 44800

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

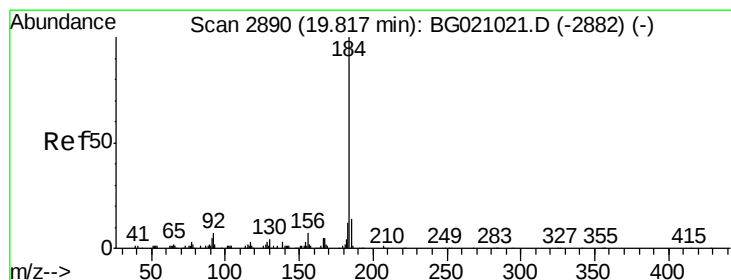
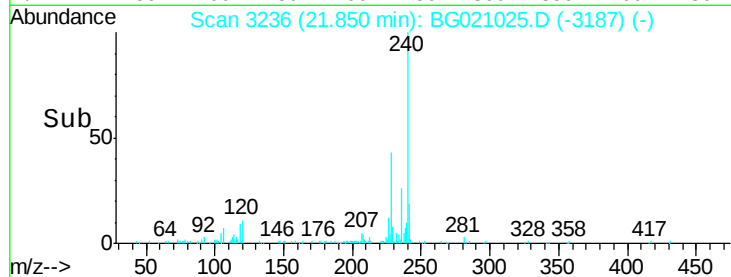
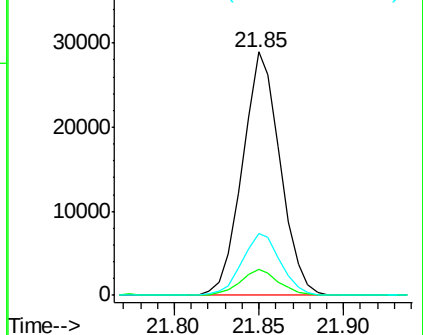
236 25.7 21.2 31.8



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: 38.01 ng

RT: 19.81 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

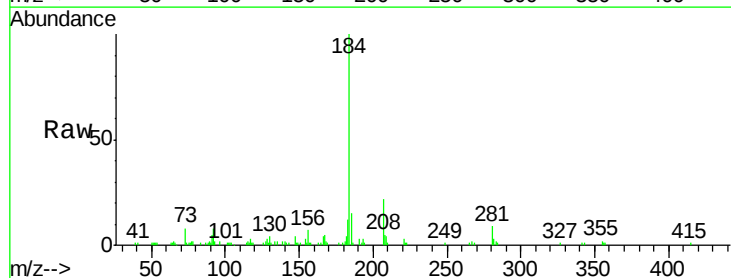
Tgt Ion:184 Resp: 50684

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

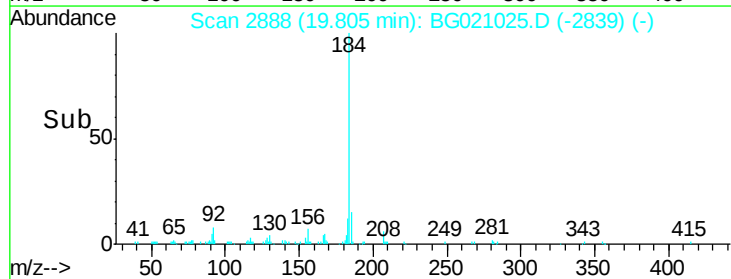
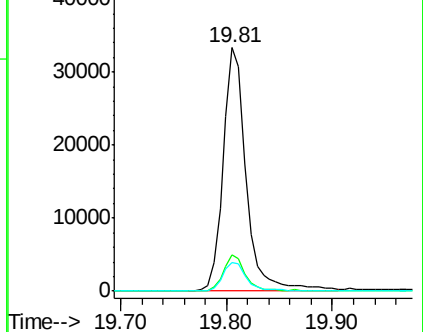
183 11.9 9.8 14.6

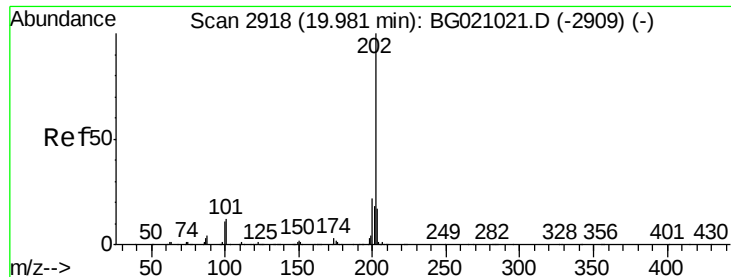


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

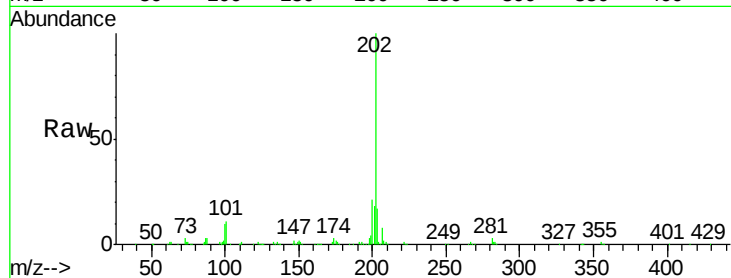




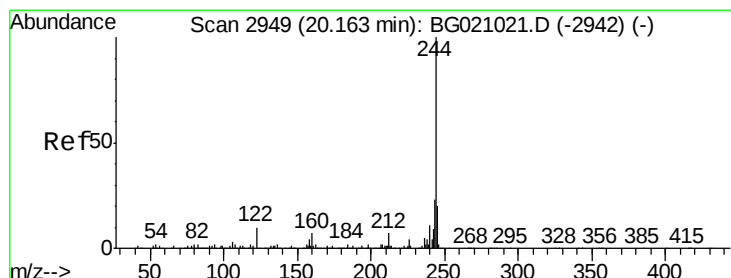
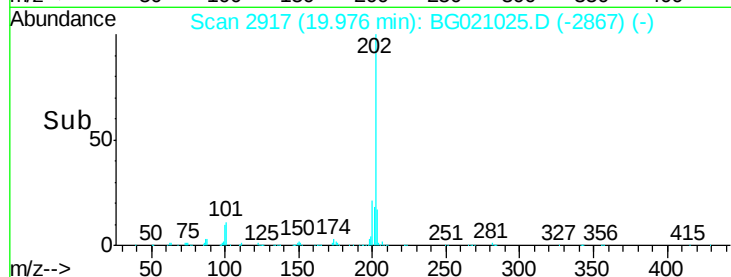
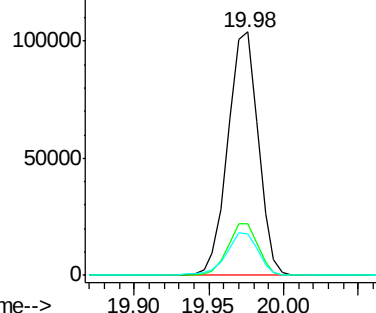
#77
 Pyrene
 Concen: 42.43 ng
 RT: 19.98 min Scan# 2917
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampled :

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.0	13.7	20.5

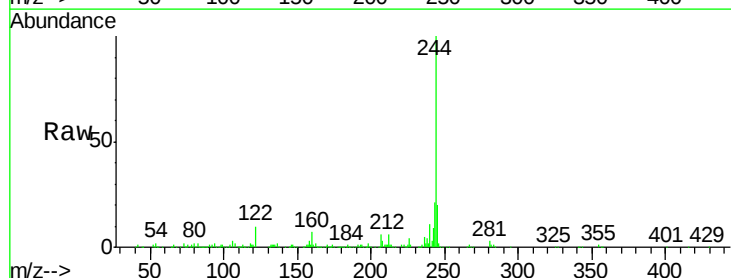


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

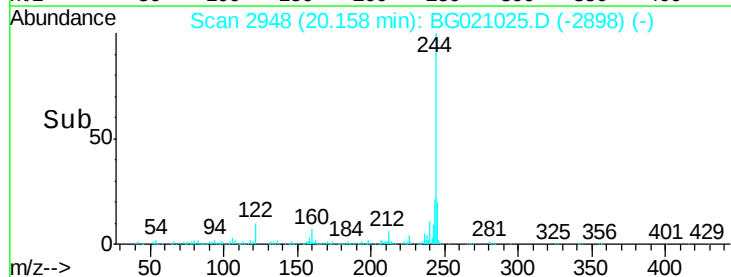
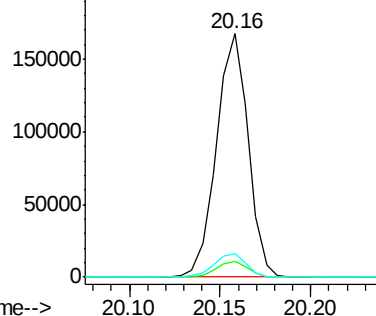


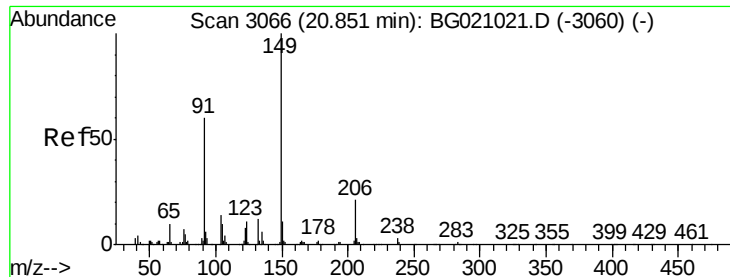
#78
 Terphenyl-d14
 Concen: 85.41 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	9.6	7.9	11.9



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: 39.92 ng

RT: 20.85 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG021025.D

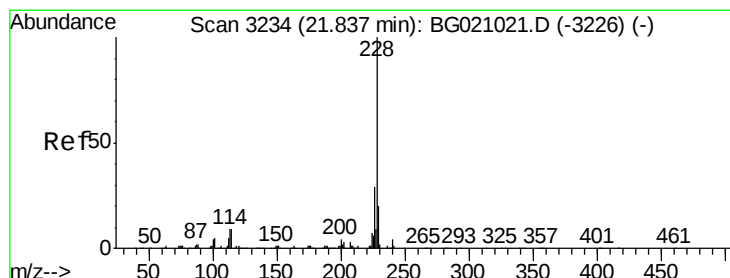
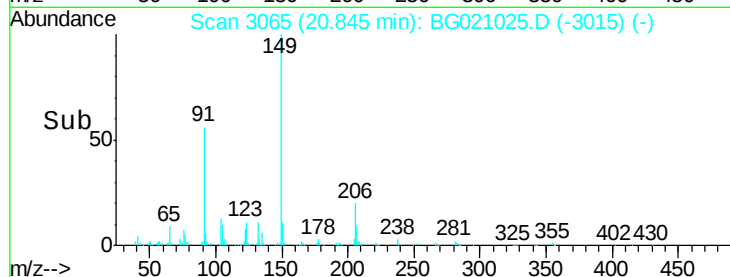
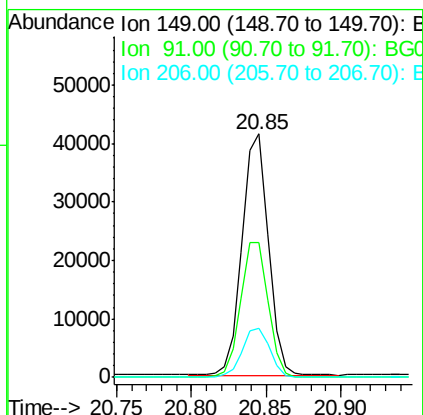
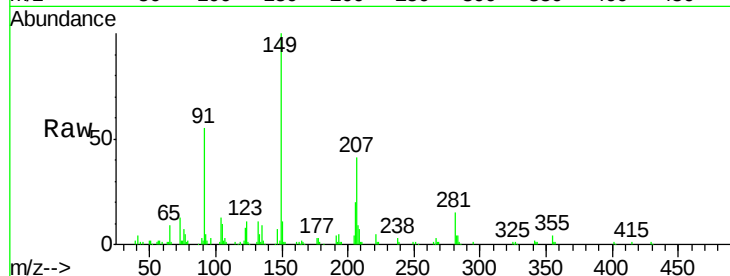
Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	149	Resp:	50551
Ion Ratio	Lower	Upper	
149	100		
91	55.4	47.7	71.5
206	20.2	16.9	25.3



#80

Benzo(a)anthracene

Concen: 40.28 ng

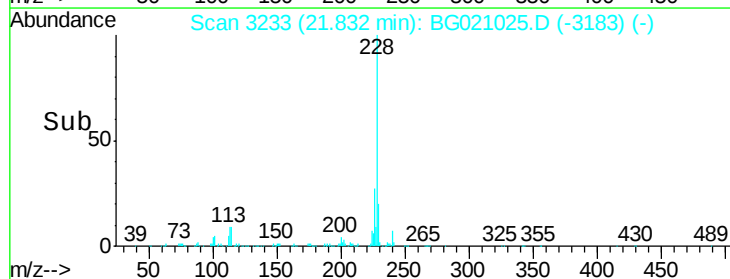
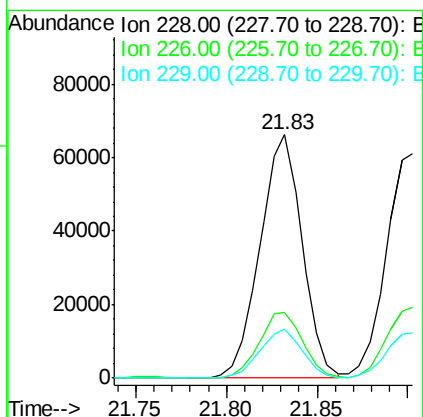
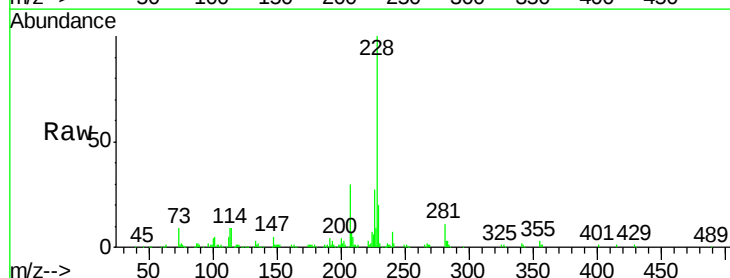
RT: 21.83 min Scan# 3233

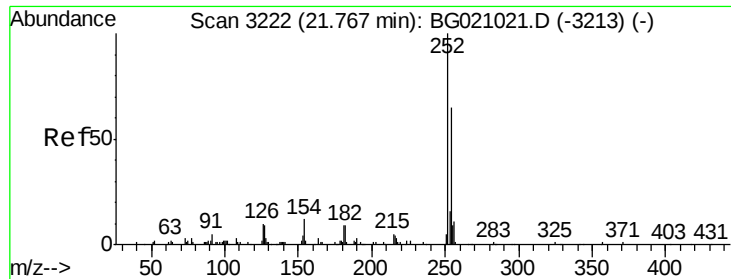
Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Tgt Ion:	228	Resp:	106868
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.9	34.3
229	20.0	16.3	24.5

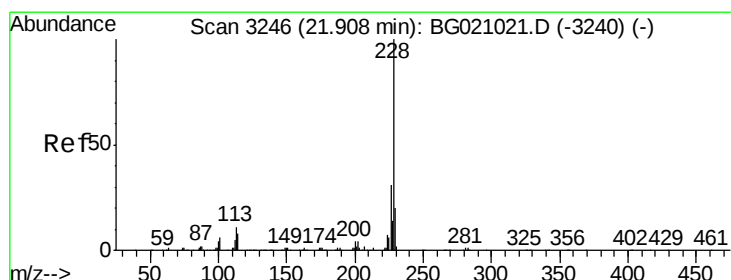
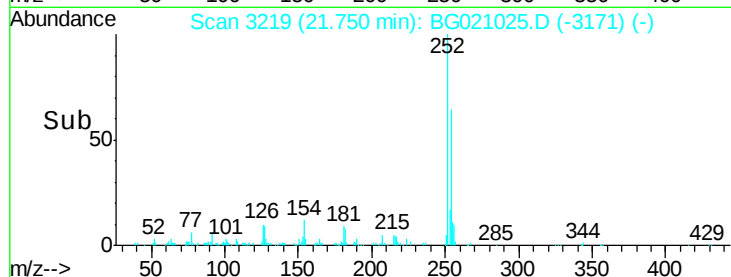
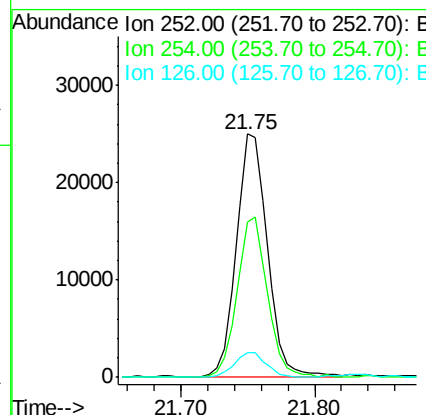
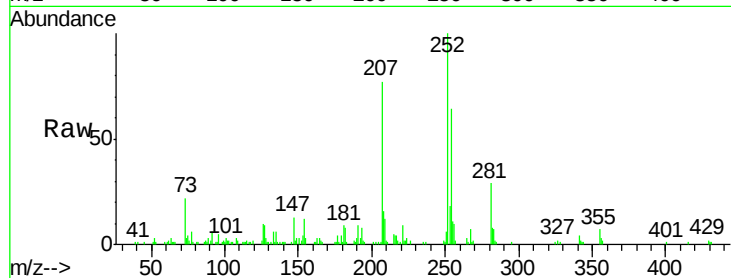




#81
 3,3'-Dichlorobenzidine
 Concen: 37.79 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.02 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

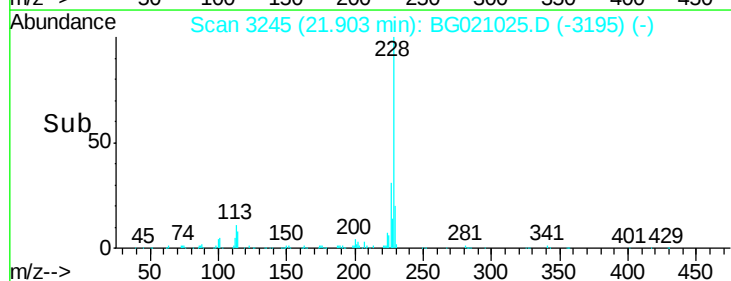
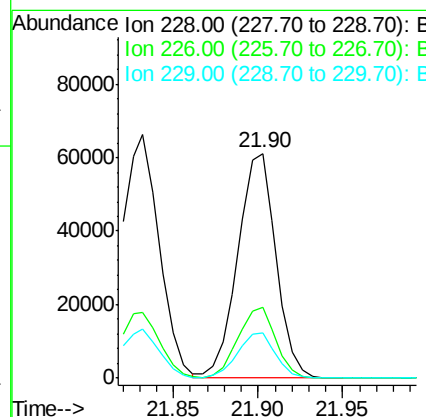
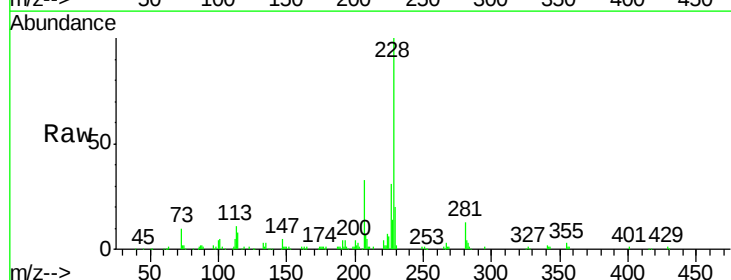
Instrument :
 BNA_G
 ClientSampleId :

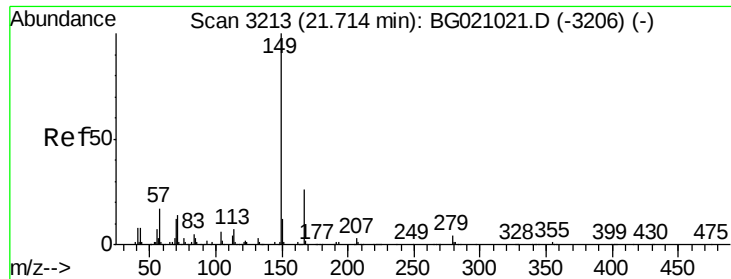
Tgt Ion:252 Resp: 40758
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.3 78.5
 126 10.3 7.8 11.8



#82
 Chrysene
 Concen: 38.46 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Tgt Ion:228 Resp: 96355
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.8 37.2
 229 19.8 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.46 ng

RT: 21.70 min Scan# 3211

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

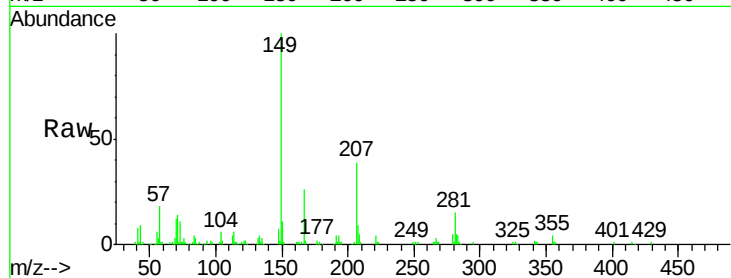
Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 65280

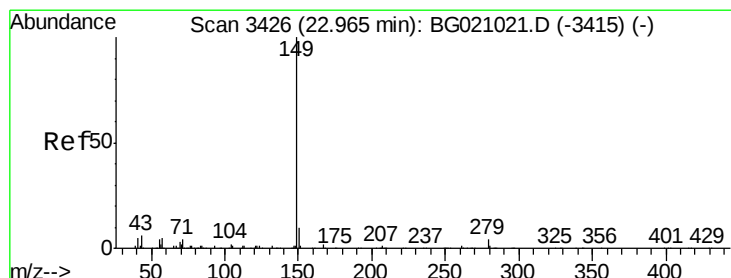
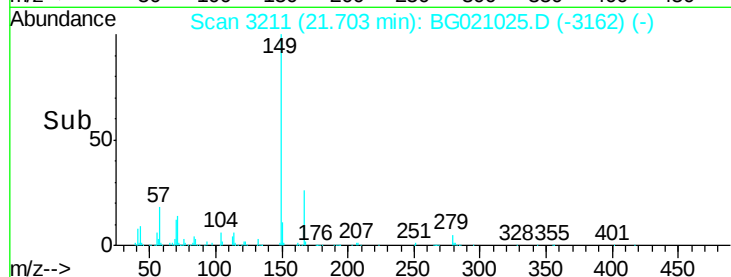
Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	4.7	3.8	5.6



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: 38.50 ng

RT: 22.95 min Scan# 3423

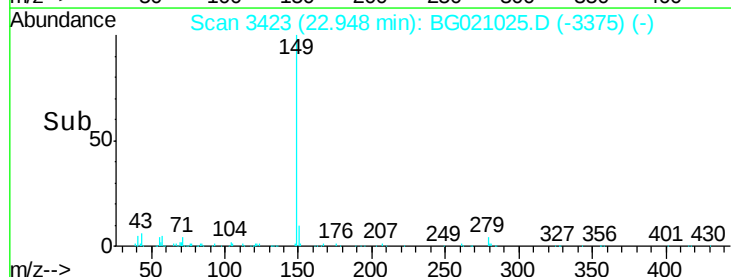
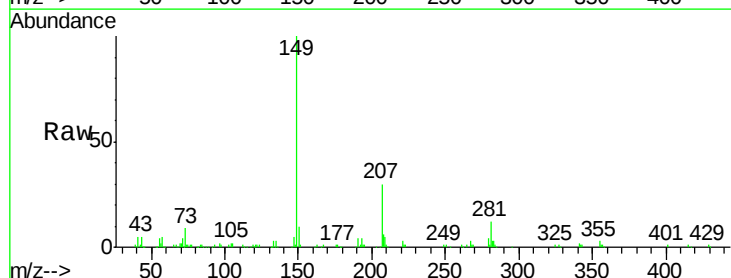
Delta R.T. -0.02 min

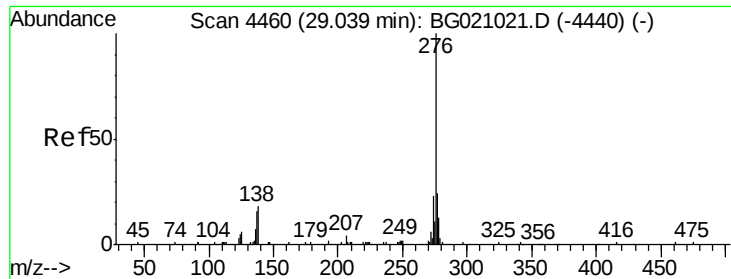
Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Tgt Ion:149 Resp: 107775

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.3	5.0	7.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.27 ng

RT: 29.02 min Scan# 4456

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

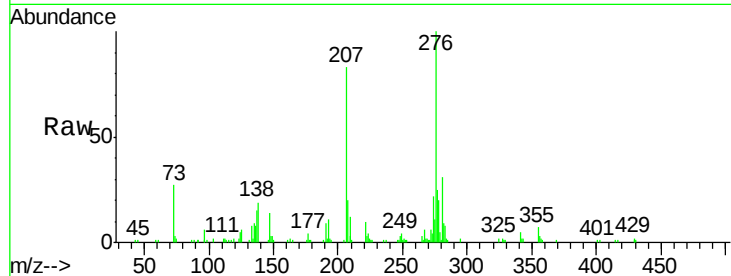
Tgt Ion:276 Resp: 119512

Ion Ratio Lower Upper

276 100

138 13.6 13.1 19.7

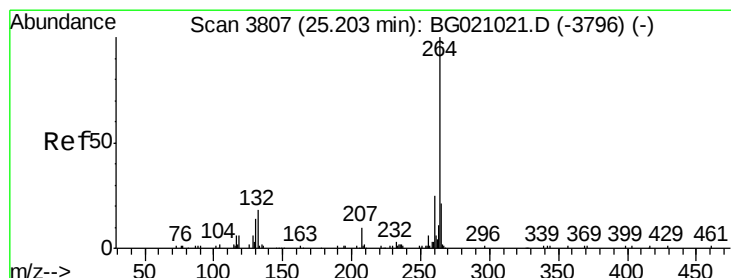
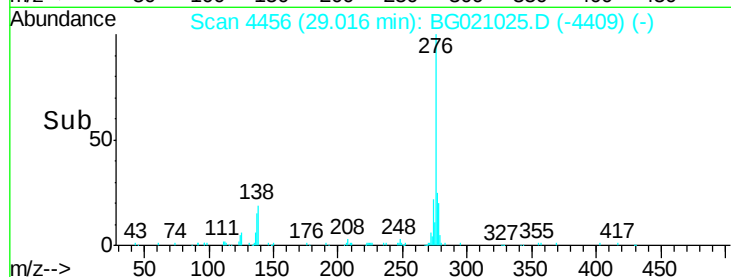
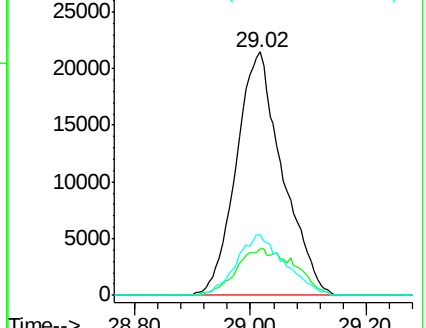
277 25.9 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.19 min Scan# 3805

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

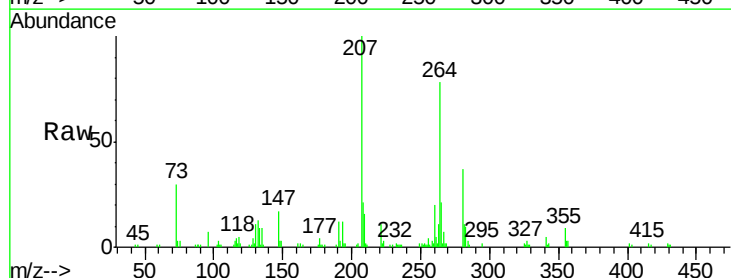
Tgt Ion:264 Resp: 43052

Ion Ratio Lower Upper

264 100

260 25.9 19.8 29.6

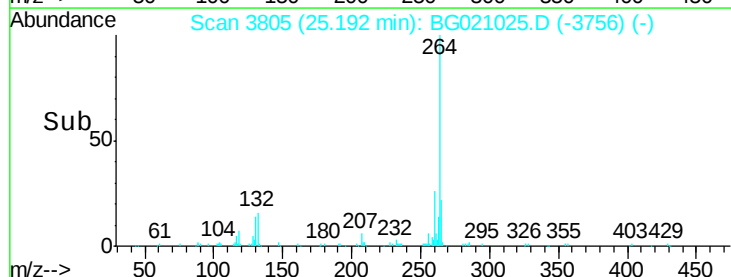
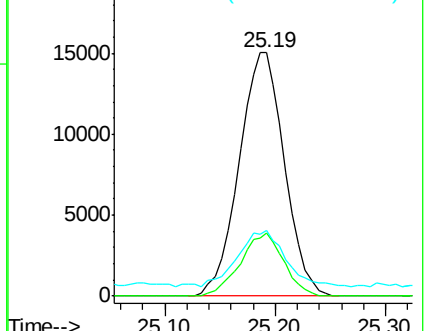
265 26.8 20.7 31.1

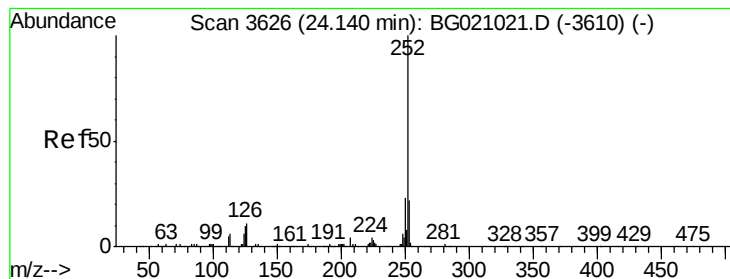


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.06 ng

RT: 24.12 min Scan# 3623

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampleId :

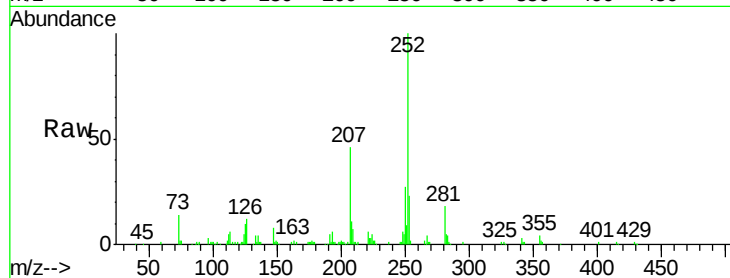
Tgt Ion:252 Resp: 105319

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

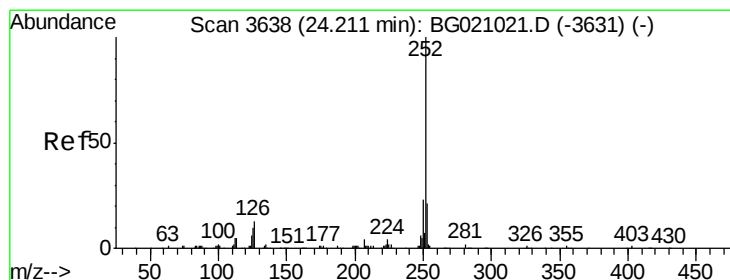
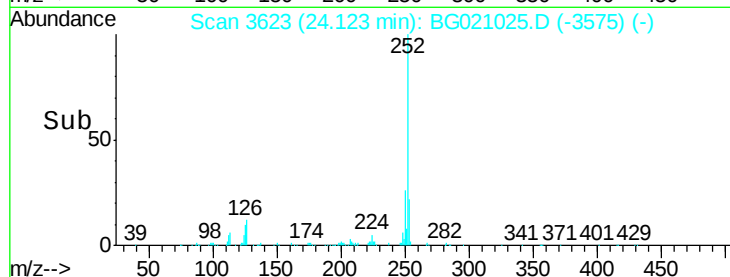
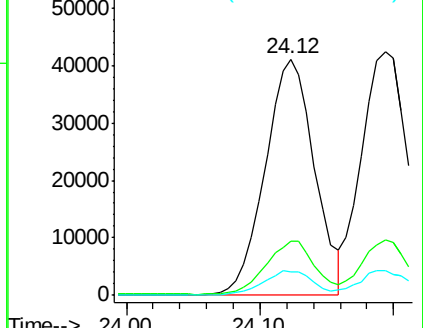
125 10.1 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.68 ng

RT: 24.19 min Scan# 3635

Delta R.T. -0.02 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

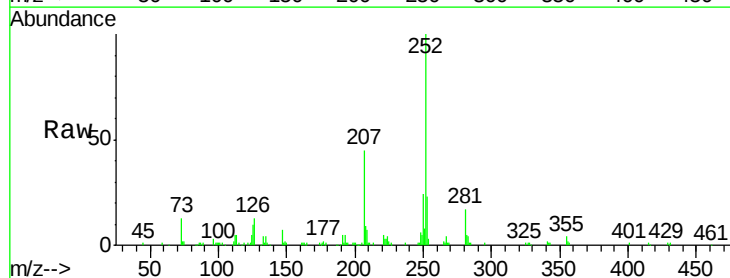
Tgt Ion:252 Resp: 102105

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

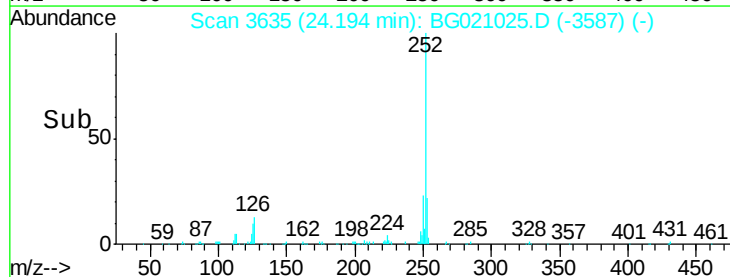
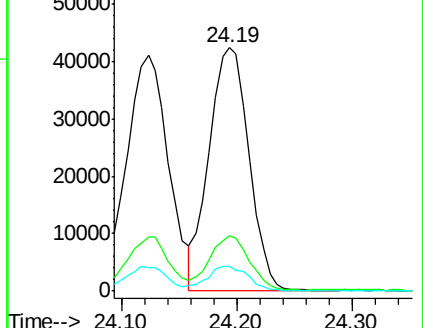
125 10.0 8.2 12.4

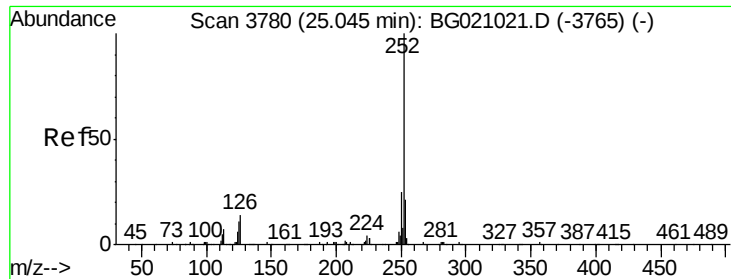


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.95 ng

RT: 25.03 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

Instrument :

BNA_G

ClientSampled :

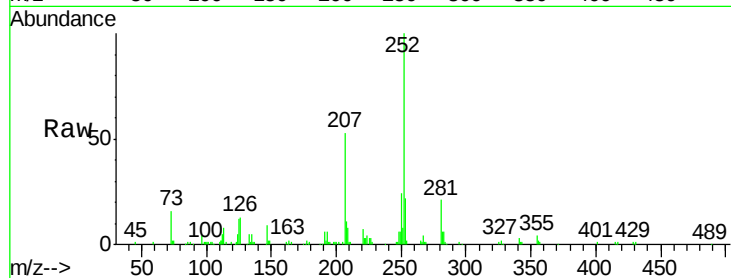
Tgt Ion:252 Resp: 101380

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

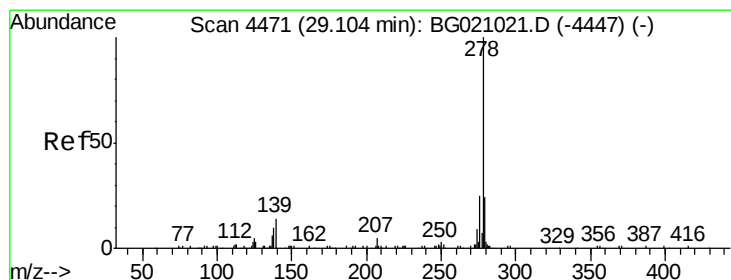
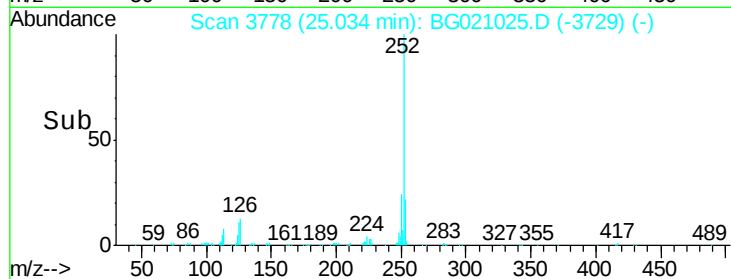
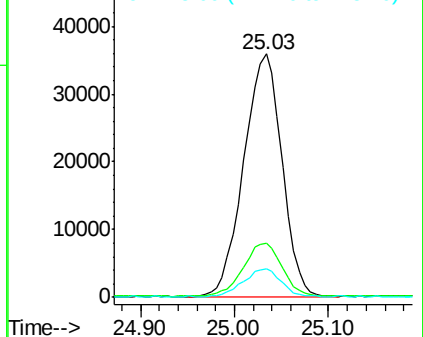
125 11.9 9.0 13.6



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: 40.07 ng

RT: 29.07 min Scan# 4465

Delta R.T. -0.03 min

Lab File: BG021025.D

Acq: 22 Feb 2016 21:02

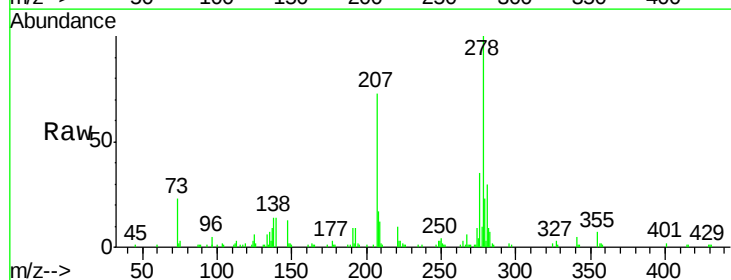
Tgt Ion:278 Resp: 102276

Ion Ratio Lower Upper

278 100

139 14.2 11.5 17.3

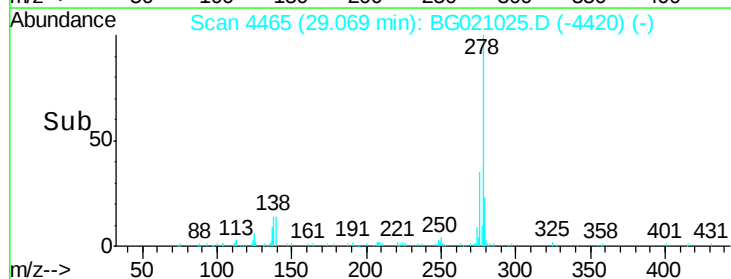
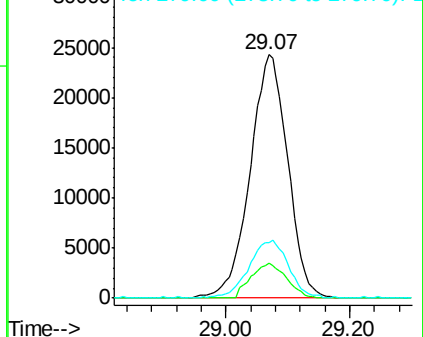
279 22.7 19.2 28.8

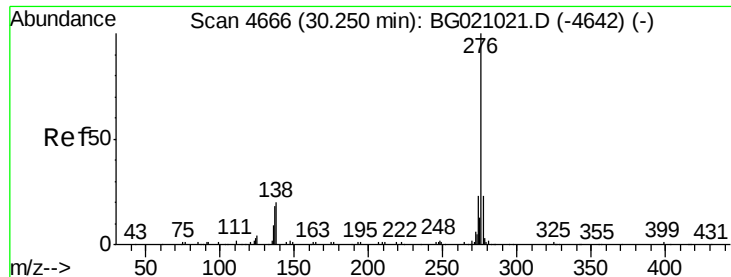


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

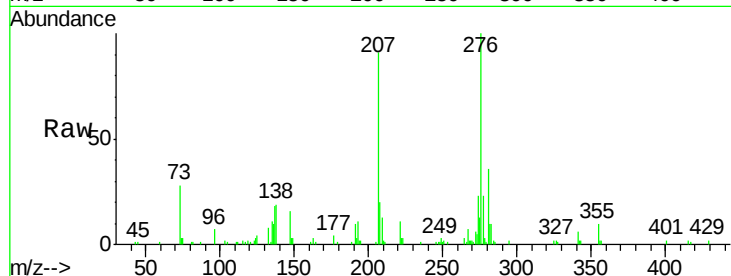




#91
 Benzo(g,h,i)perylene
 Concen: 40.62 ng
 RT: 30.21 min Scan# 4660
 Delta R.T. -0.03 min
 Lab File: BG021025.D
 Acq: 22 Feb 2016 21:02

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.2
138	18.9	15.7	23.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

