

Data Path : U:\HPCHEM1\BNA G\DATA\BG022416\
 Data File : BG021055.D
 Acq On : 24 Feb 2016 17:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 24 23:57:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	3509	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	18424	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	12376	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	29667	20.00	ng	0.00
75) Chrysene-d12	21.83	240	22328	20.00	ng	0.00
86) Perylene-d12	25.14	264	20227	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.78	112	15959	79.74	ng	0.00
7) Phenol-d6	7.40	99	24226	78.59	ng	0.00
23) Nitrobenzene-d5	9.39	82	28070	89.45	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	13219	89.16	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	67378	75.79	ng	0.00
78) Terphenyl-d14	20.13	244	98440	57.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	2237	43.29	ng	# 89
3) Pyridine	4.02	79	7358	40.20	ng	# 92
4) n-Nitrosodimethylamine	3.94	42	3763	49.98	ng	# 93
6) Aniline	7.54	93	15931	43.83	ng	98
8) 2-Chlorophenol	7.78	128	9569	39.84	ng	93
9) Benzaldehyde	7.35	77	6288	42.18	ng	96
10) Phenol	7.43	94	13024	40.50	ng	94
11) bis(2-Chloroethyl)ether	7.62	93	10259	39.74	ng	97
12) 1,3-Dichlorobenzene	8.24	146	11293	41.53	ng	95
13) 1,4-Dichlorobenzene	8.24	146	11293	39.78	ng	98
14) 1,2-Dichlorobenzene	8.56	146	10813	41.01	ng	98
15) Benzyl Alcohol	8.46	79	9675	46.09	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.73	45	19188	44.15	ng	96
17) 2-Methylphenol	8.68	107	9353	42.74	ng	# 94
18) Hexachloroethane	9.29	117	4339	42.57	ng	99
19) n-Nitroso-di-n-propylamine	9.01	70	10233	47.19	ng	96
20) 3+4-Methylphenols	9.01	107	12670	41.77	ng	84
22) Acetophenone	9.04	105	18725	43.93	ng	98
24) Nitrobenzene	9.43	77	14692	43.15	ng	96
25) Isophorone	9.94	82	29261	45.22	ng	99
26) 2-Nitrophenol	10.14	139	6631	43.93	ng	# 86
27) 2,4-Dimethylphenol	10.21	122	11120	40.83	ng	97
28) bis(2-Chloroethoxy)methane	10.42	93	14843	42.45	ng	100
29) 2,4-Dichlorophenol	10.69	162	10323	41.41	ng	96
30) 1,2,4-Trichlorobenzene	10.88	180	10809	40.43	ng	95
31) Naphthalene	11.08	128	38769	40.24	ng	97
32) Benzoic acid	10.38	122	10195	49.49	ng	92
33) 4-Chloroaniline	11.20	127	15900	41.24	ng	# 94
34) Hexachlorobutadiene	11.34	225	6118	41.19	ng	89
35) Caprolactam	12.00	113	4676	47.88	ng	90
36) 4-Chloro-3-methylphenol	12.33	107	14034	44.44	ng	95
37) 2-Methylnaphthalene	12.66	142	28312	40.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	13568	39.65	ng	96
40) Hexachlorocyclopentadiene	12.99	237	8136	42.00	ng	99

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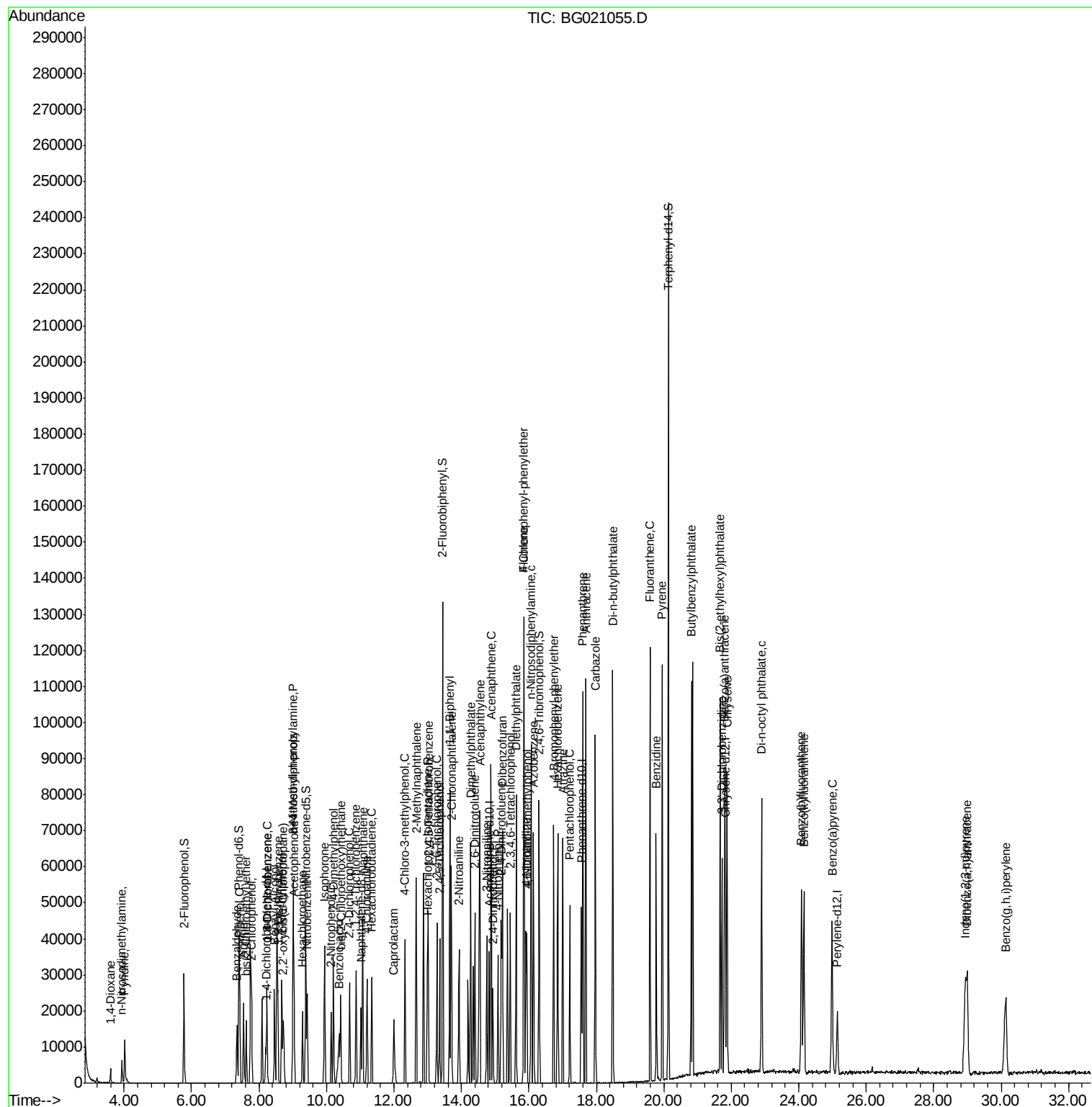
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42) 2,4,6-Trichlorophenol	13.27	196	9779	40.21	nq	96
43) 2,4,5-Trichlorophenol	13.35	196	10327	41.37	nq	96
45) 1,1'-Biphenyl	13.65	154	42273	39.38	nq	97
46) 2-Chloronaphthalene	13.70	162	29600	39.41	nq	98
47) 2-Nitroaniline	13.92	65	10977	48.43	nq	87
48) Acenaphthylene	14.55	152	55547	40.45	nq	99
49) Dimethylphthalate	14.28	163	42356	41.97	nq	99
50) 2,6-Dinitrotoluene	14.40	165	9060	43.85	nq	87
51) Acenaphthene	14.88	154	31430	39.80	nq	97
52) 3-Nitroaniline	14.75	138	10706	45.10	nq	88
53) 2,4-Dinitrophenol	14.93	184	5758	47.07	nq	93
54) Dibenzofuran	15.22	168	45372	40.47	nq	94
55) 4-Nitrophenol	15.08	139	8708	42.55	nq	86
56) 2,4-Dinitrotoluene	15.18	165	12737	42.91	nq	# 89
57) Fluorene	15.86	166	43054	40.64	nq	93
58) 2,3,4,6-Tetrachlorophenol	15.45	232	9289	44.51	nq	96
59) Diethylphthalate	15.62	149	46815	42.32	nq	99
60) 4-Chlorophenyl-phenylether	15.85	204	19522	39.97	nq	99
61) 4-Nitroaniline	15.92	138	10481	42.17	nq	# 78
62) Azobenzene	16.14	77	43234	45.09	nq	97
64) 4,6-Dinitro-2-methylphenol	15.95	198	8080	44.96	nq	96
65) n-Nitrosodiphenylamine	16.06	169	35133	39.34	nq	99
66) 4-Bromophenyl-phenylether	16.74	248	12890	41.30	nq	96
67) Hexachlorobenzene	16.86	284	14199	41.55	nq	95
68) Atrazine	17.01	200	12335	44.06	nq	96
69) Pentachlorophenol	17.21	266	8667	43.95	nq	98
70) Phenanthrene	17.60	178	67466	40.20	nq	97
71) Anthracene	17.69	178	67994	40.66	nq	100
72) Carbazole	17.97	167	61898	41.08	nq	98
73) Di-n-butylphthalate	18.49	149	81585	44.44	nq	98
74) Fluoranthene	19.59	202	72225	42.80	nq	97
76) Benzidine	19.78	184	39418	34.70	nq	100
77) Pyrene	19.95	202	69514	27.25	nq	98
79) Butylbenzylphthalate	20.82	149	31741	35.28	nq	96
80) Benzo(a)anthracene	21.80	228	53307	39.81	nq	99
81) 3,3'-Dichlorobenzidine	21.73	252	20972	42.42	nq	99
82) Chrysene	21.87	228	49760	39.83	nq	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	40287	41.03	nq	100
84) Di-n-octyl phthalate	22.90	149	63079	45.14	nq	98
85) Indeno(1,2,3-cd)pyrene	28.93	276	53926	48.00	nq	# 100
87) Benzo(b)fluoranthene	24.09	252	50480	37.85	nq	98
88) Benzo(k)fluoranthene	24.15	252	48831	38.81	nq	98
89) Benzo(a)pyrene	24.99	252	47990	40.16	nq	97
90) Dibenzo(a,h)anthracene	28.99	278	44958	41.78	nq	99
91) Benzo(g,h,i)perylene	30.14	276	45090	41.99	nq	96

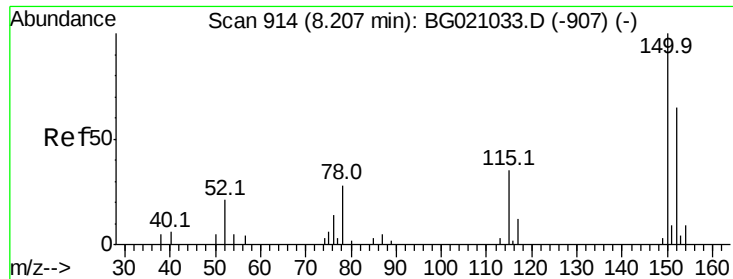
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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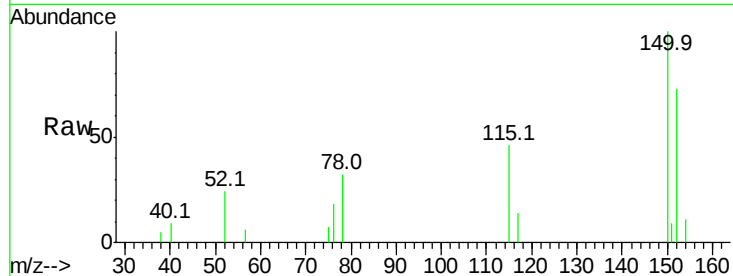


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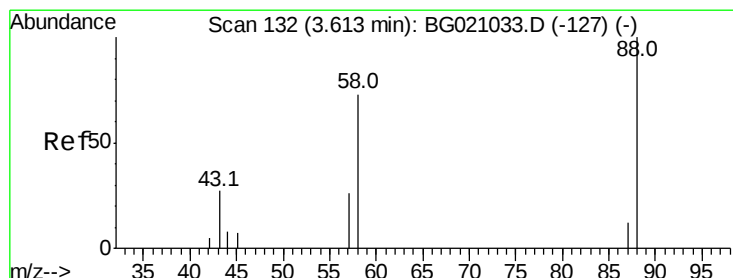
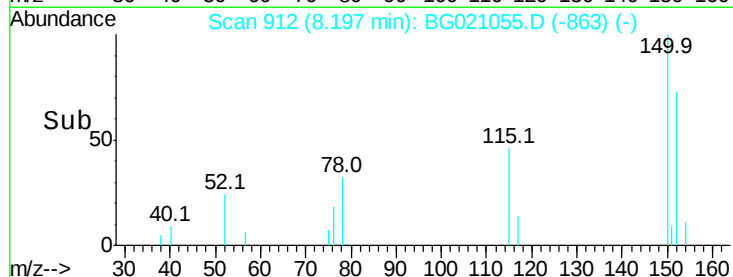
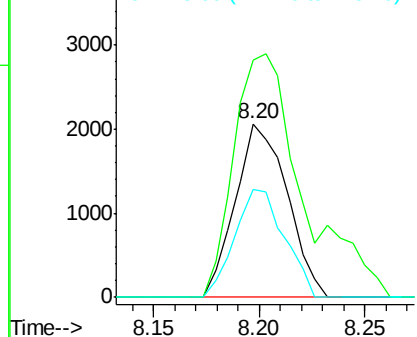
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 3509
Ion Ratio Lower Upper
152 100
150 137.0 123.4 185.2
115 62.4 43.3 64.9



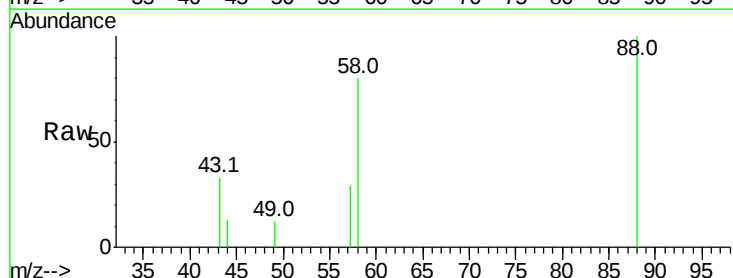
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



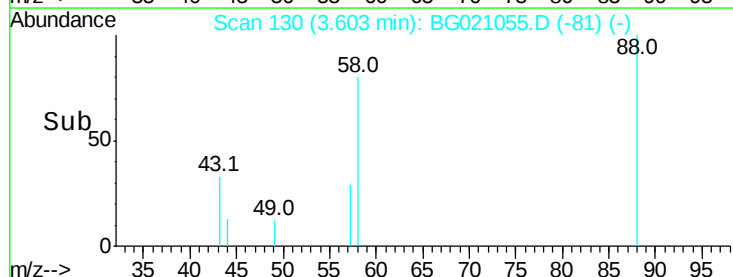
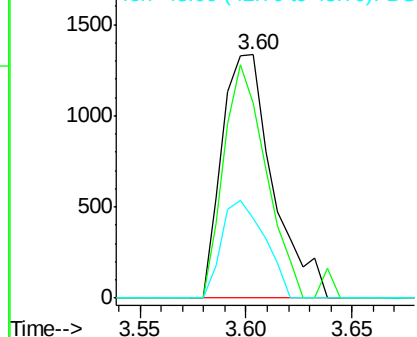
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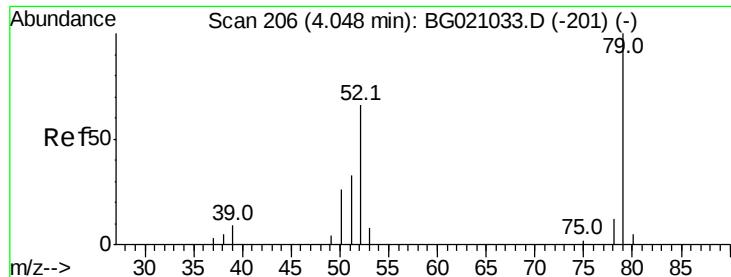
1,4-Dioxane
Concen: 43.29 ng
RT: 3.60 min Scan# 130
Delta R.T. -0.01 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion: 88 Resp: 2237
Ion Ratio Lower Upper
88 100
58 79.1 55.9 83.9
43 34.0 22.5 33.7#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.20 ng

RT: 4.02 min Scan# 201

Delta R.T. -0.03 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampled :

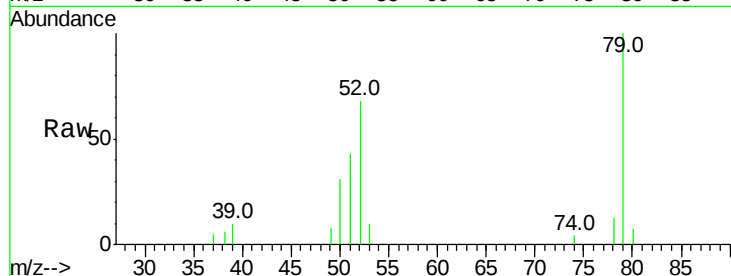
Tot Ion: 79 Resp: 7358

Ion Ratio Lower Upper

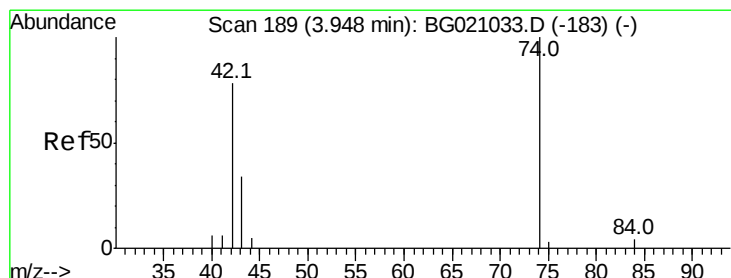
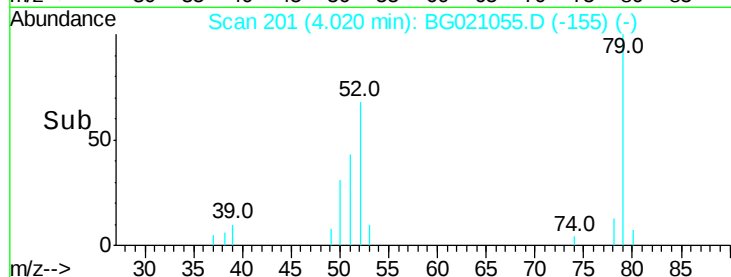
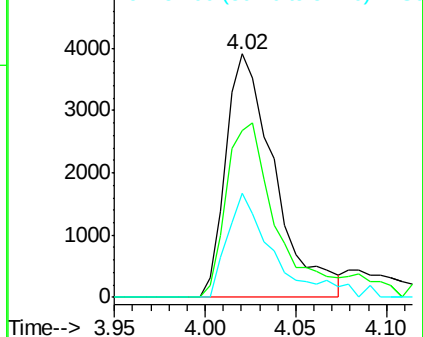
79 100

52 68.4 53.2 79.8

51 42.9 26.1 39.1#



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



#4

n-Nitrosodimethylamine

Concen: 49.98 ng

RT: 3.94 min Scan# 187

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

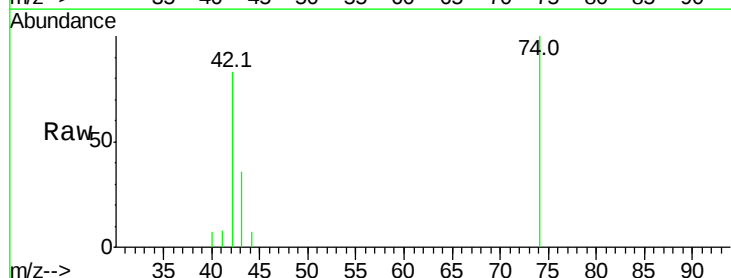
Tgt Ion: 42 Resp: 3763

Ion Ratio Lower Upper

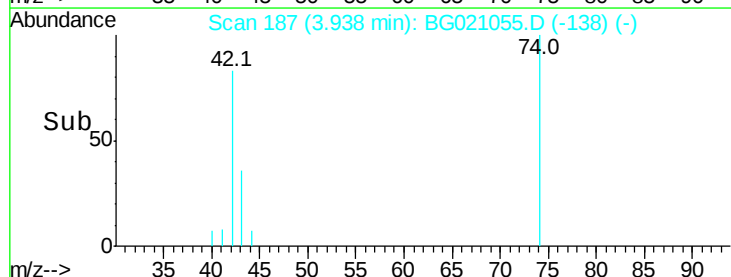
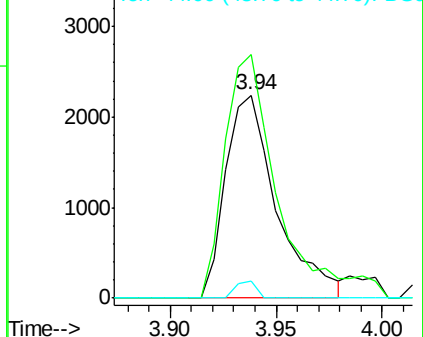
42 100

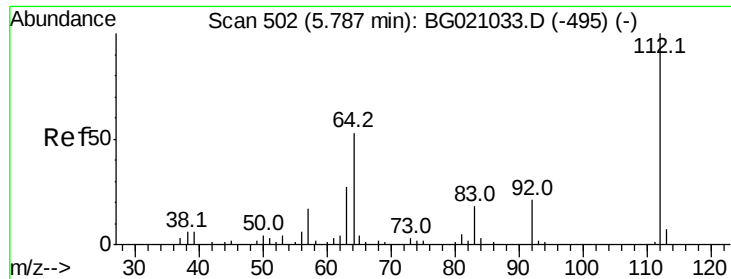
74 119.9 102.3 153.5

44 8.2 4.8 7.2#



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





#5

2-Fluorophenol

Concen: 79.74 ng

RT: 5.78 min Scan# 500

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampled :

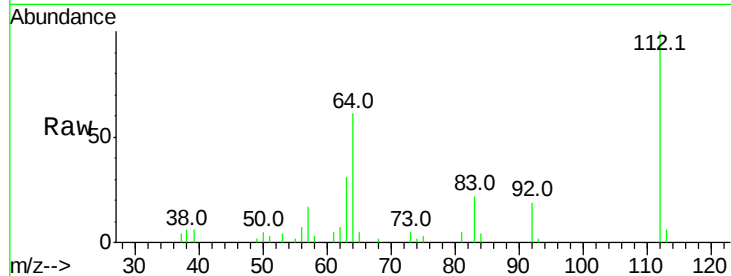
Tot Ion:112 Resp: 15959

Ion Ratio Lower Upper

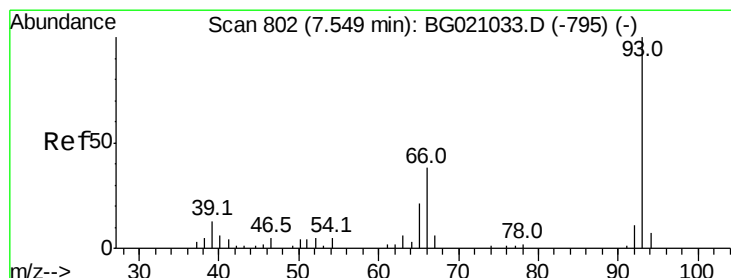
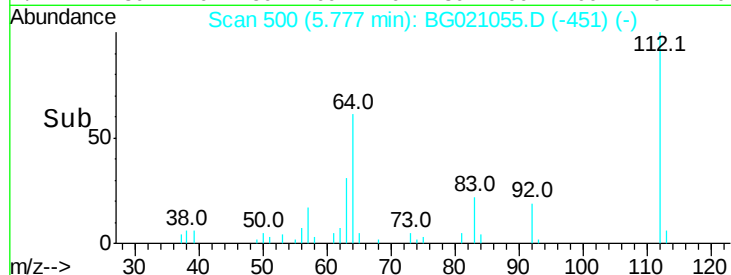
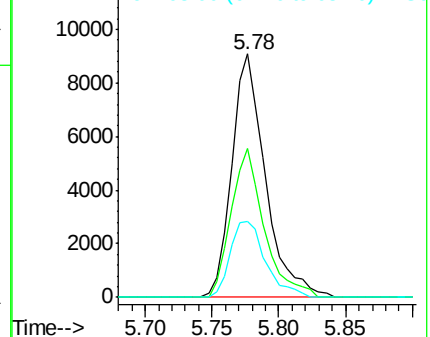
112 100

64 61.0 42.6 63.8

63 31.3 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.83 ng

RT: 7.54 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

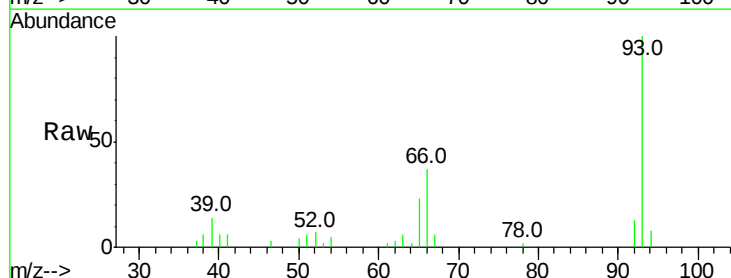
Tgt Ion: 93 Resp: 15931

Ion Ratio Lower Upper

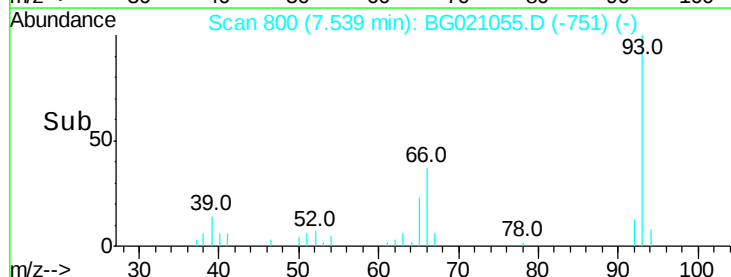
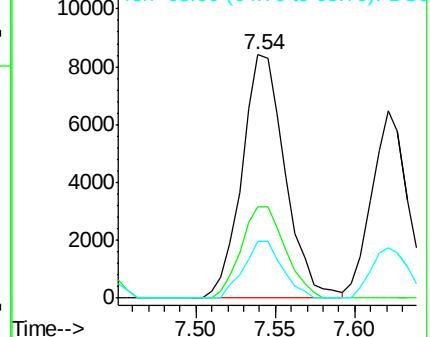
93 100

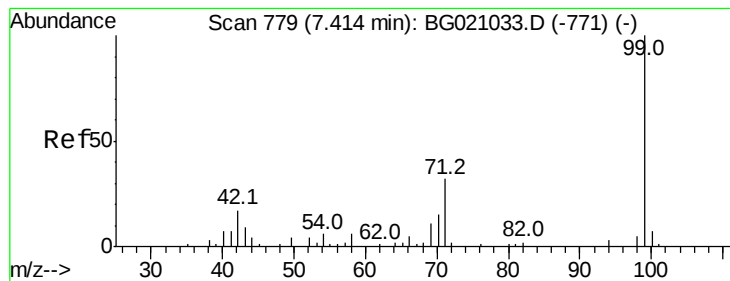
66 37.4 30.1 45.1

65 23.2 16.6 24.8



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





#7

Phenol-d6

Concen: 78.59 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG021055.D

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Instrument :

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ClientSampleId :

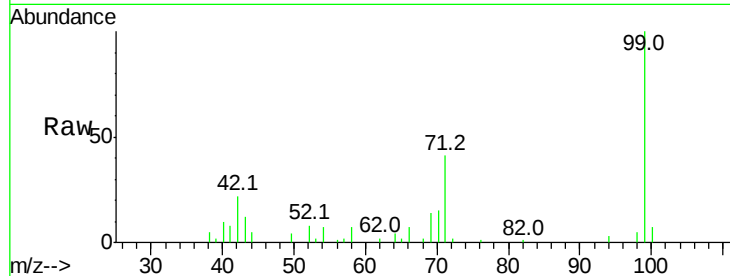
Tot Ion: 99 Resp: 24226

Ion Ratio Lower Upper

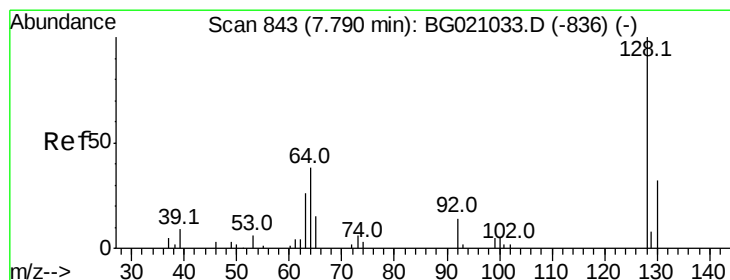
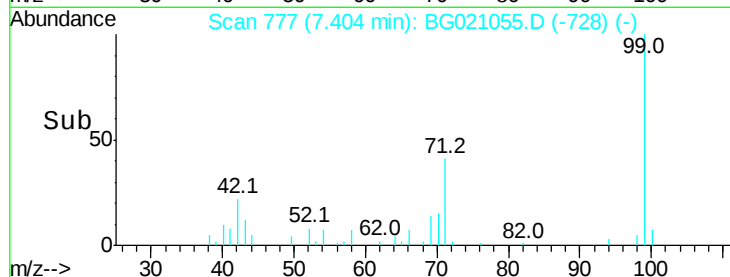
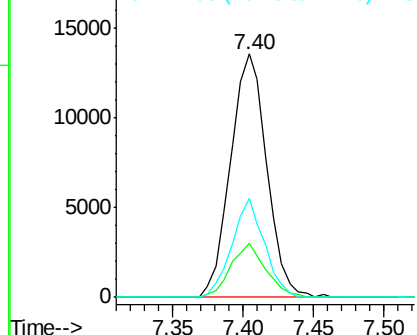
99 100

42 22.2 13.2 19.8#

71 40.9 25.2 37.8#



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



#8

2-Chlorophenol

Concen: 39.84 ng

RT: 7.78 min Scan# 841

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

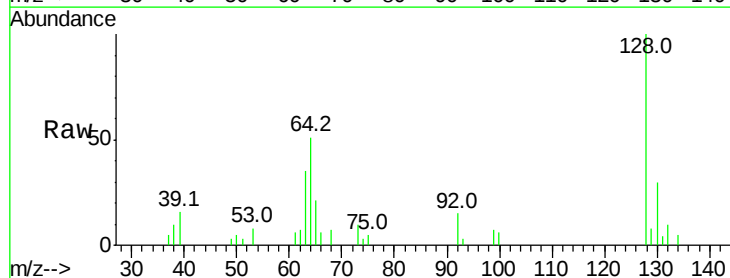
Tgt Ion:128 Resp: 9569

Ion Ratio Lower Upper

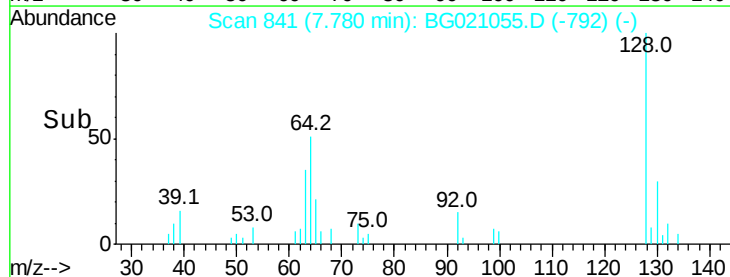
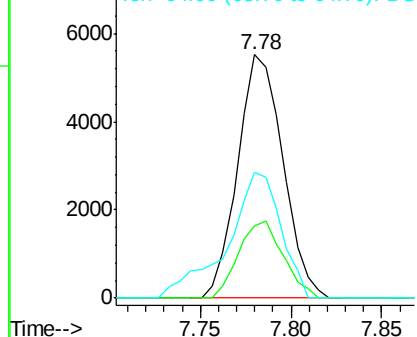
128 100

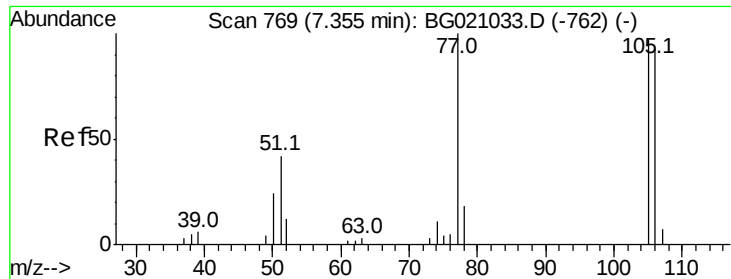
130 29.6 11.9 51.9

64 51.5 25.8 65.8



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

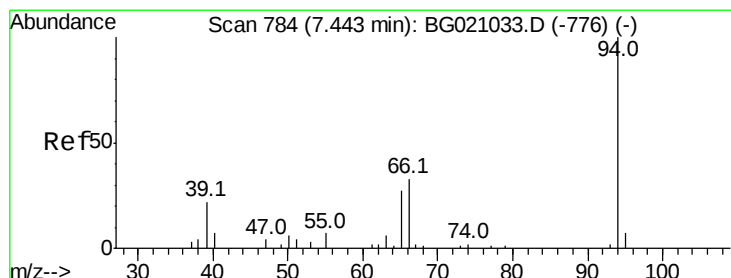
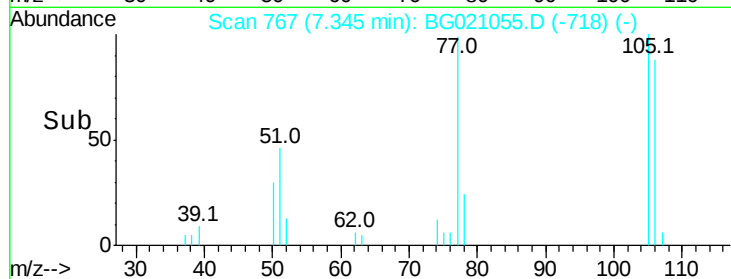
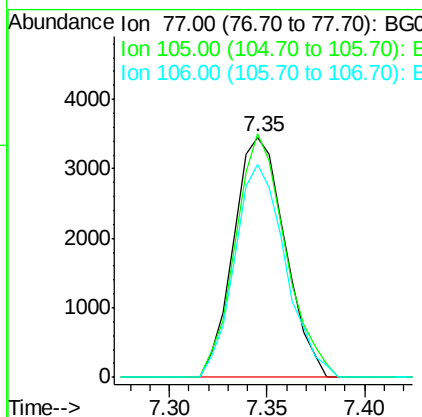
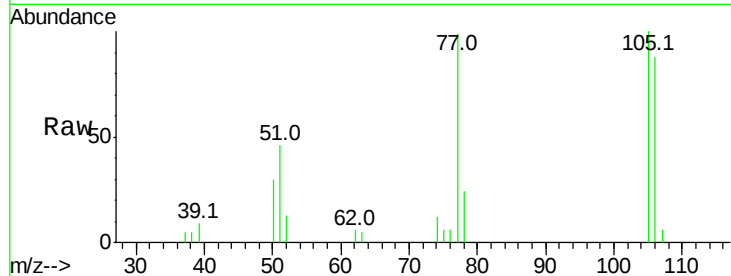




#9
Benzaldehyde
Concen: 42.18 ng
RT: 7.35 min Scan# 767
Delta R.T. -0.01 min
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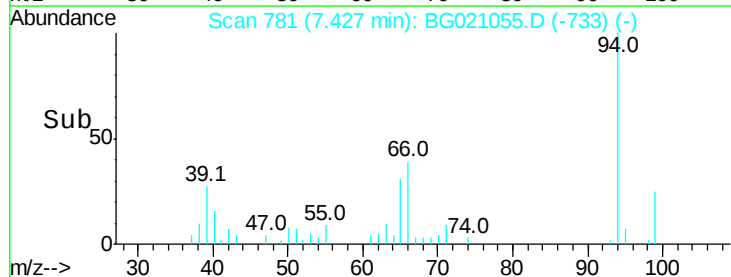
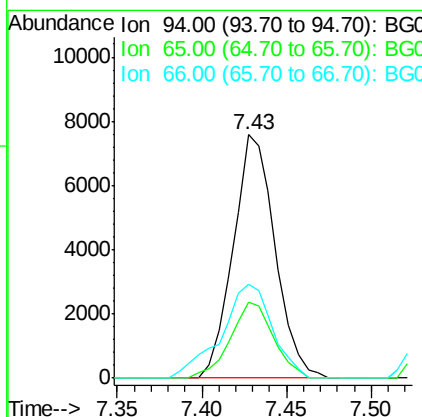
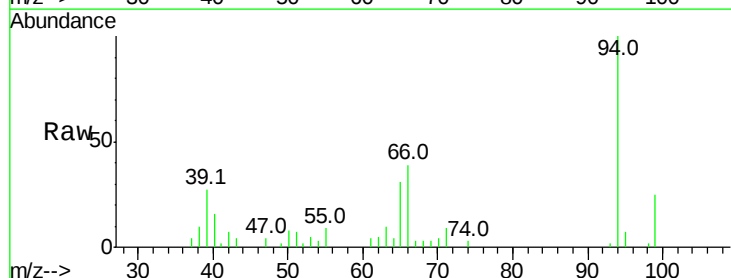
Instrument :
BNA_G
ClientSampleId :

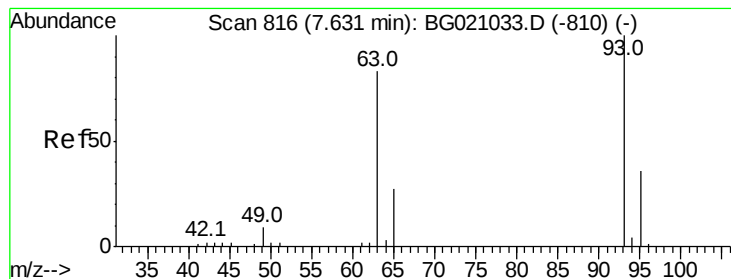
Tot Ion: 77 Resp: 6288
Ion Ratio Lower Upper
77 100
105 101.4 77.4 117.4
106 88.9 72.8 112.8



#10
Phenol
Concen: 40.50 ng
RT: 7.43 min Scan# 781
Delta R.T. -0.02 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion: 94 Resp: 13024
Ion Ratio Lower Upper
94 100
65 31.1 7.2 47.2
66 38.6 15.4 55.4





#11

bis(2-Chloroethyl)ether

Concen: 39.74 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

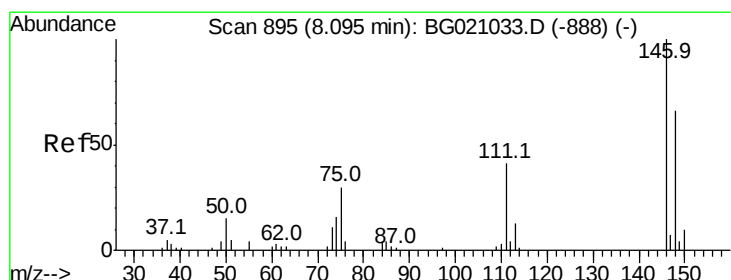
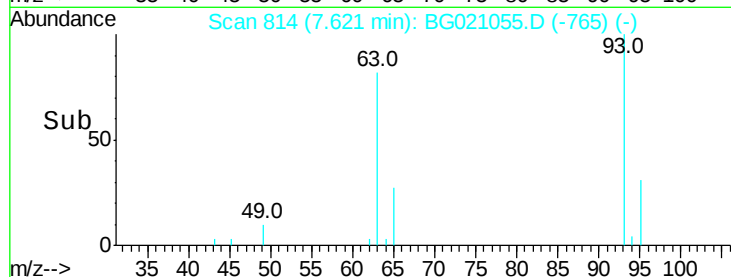
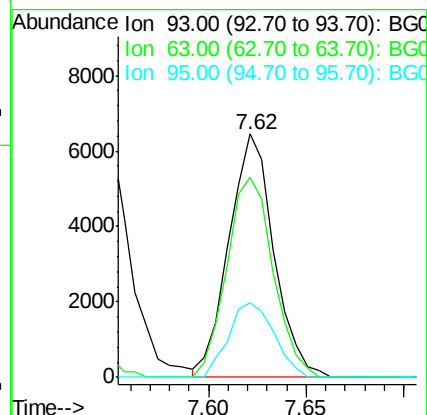
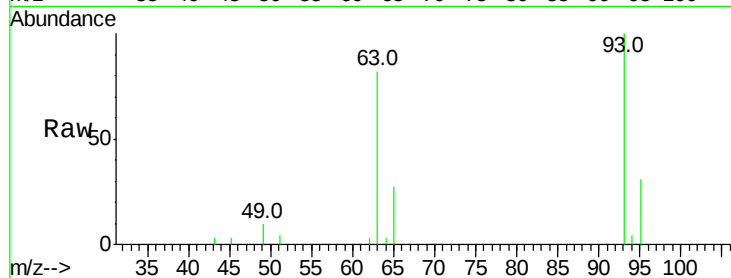
Tot Ion: 93 Resp: 10259

Ion Ratio Lower Upper

93 100

63 82.0 60.5 100.5

95 30.9 14.6 54.6



#12

1,3-Dichlorobenzene

Concen: 41.53 ng

RT: 8.24 min Scan# 919

Delta R.T. 0.14 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

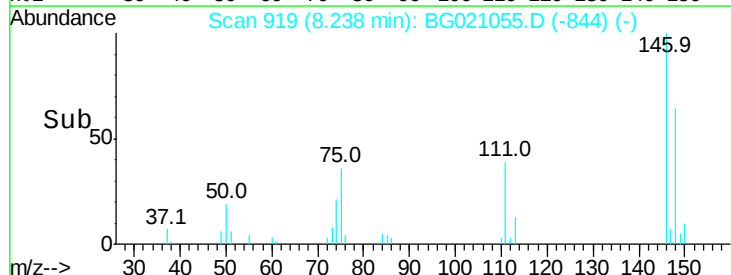
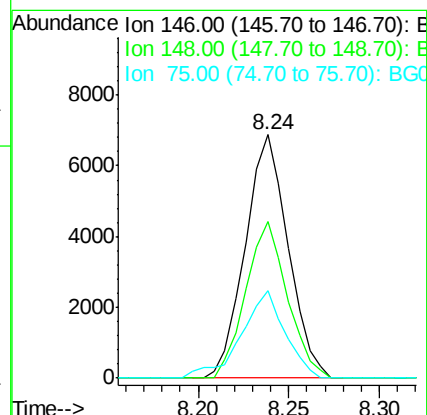
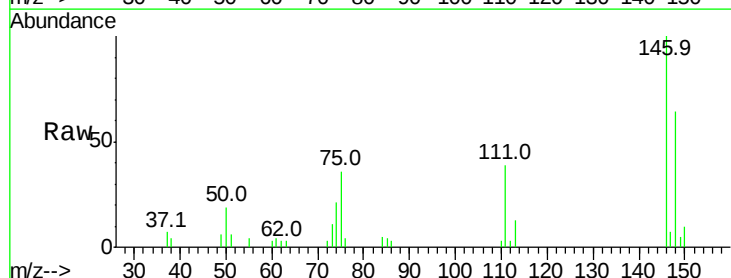
Tgt Ion: 146 Resp: 11293

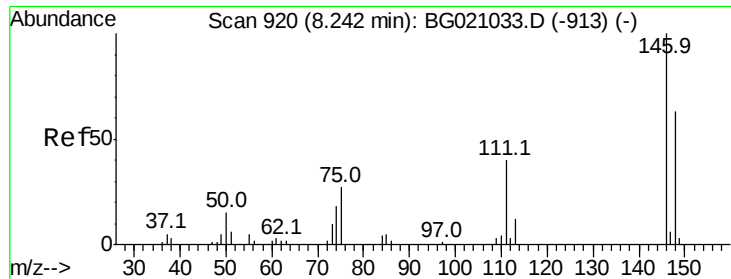
Ion Ratio Lower Upper

146 100

148 64.2 52.6 78.8

75 35.8 24.0 36.0

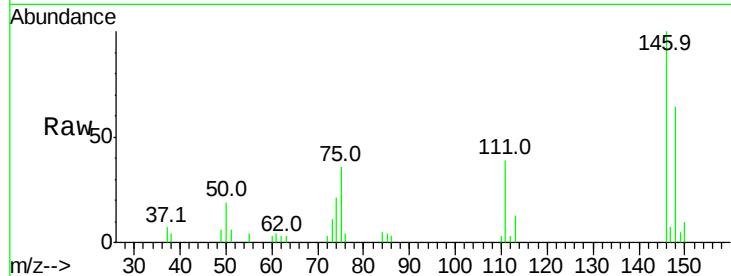




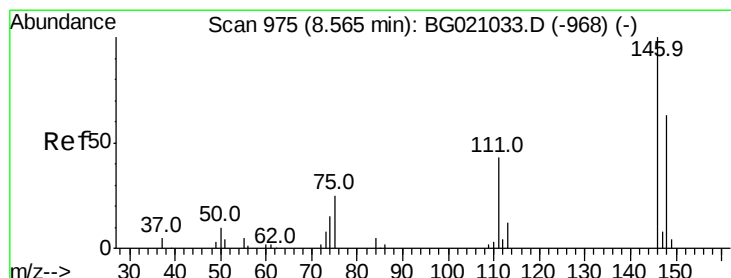
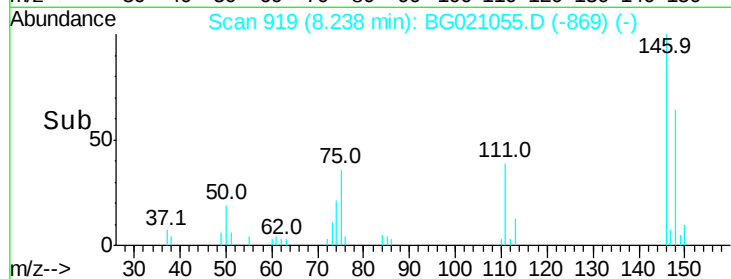
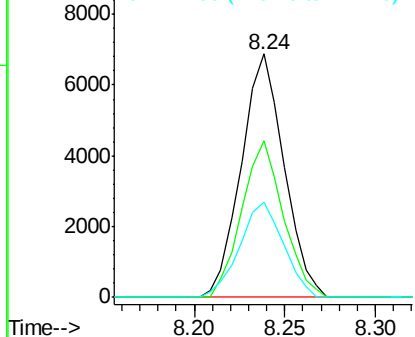
#13
 1,4-Dichlorobenzene
 Concen: 39.78 ng
 RT: 8.24 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 11293
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.2 75.4
 111 39.1 31.9 47.9

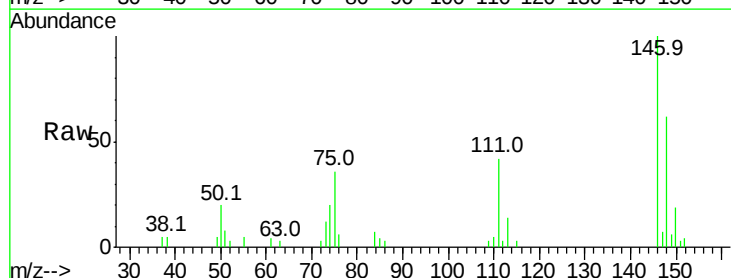


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

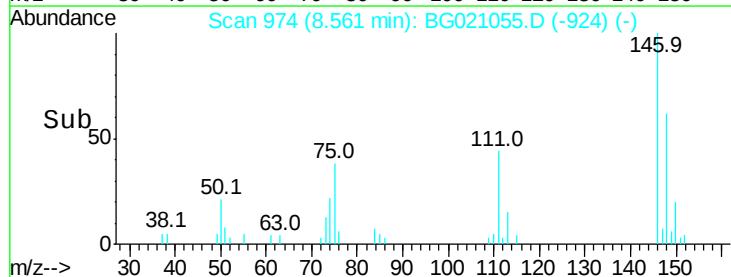
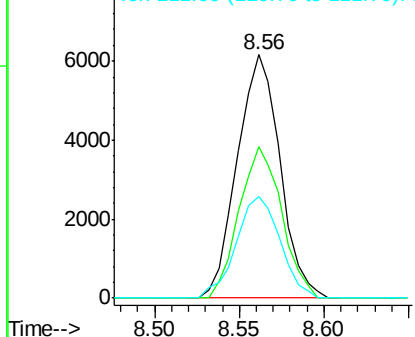


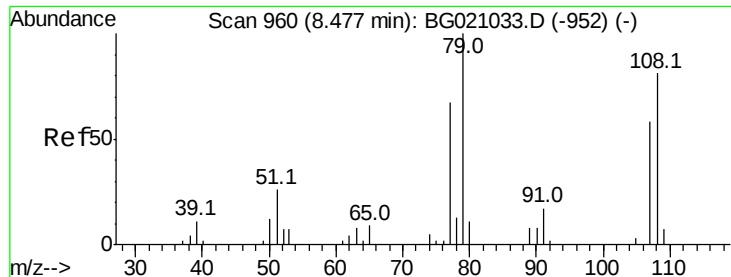
#14
 1,2-Dichlorobenzene
 Concen: 41.01 ng
 RT: 8.56 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:146 Resp: 10813
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.5 75.7
 111 41.7 35.4 53.2



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





#15

Benzyl Alcohol

Concen: 46.09 ng

RT: 8.46 min Scan# 957

Delta R.T. -0.02 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

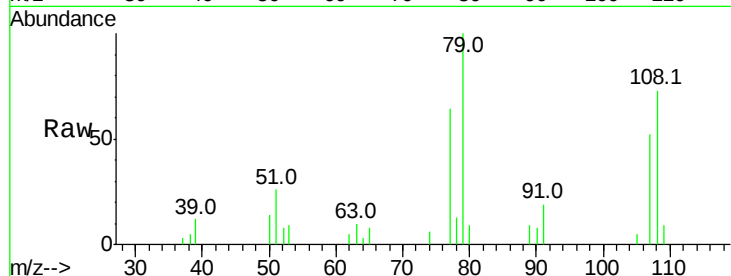
Tot Ion: 79 Resp: 9675

Ion Ratio Lower Upper

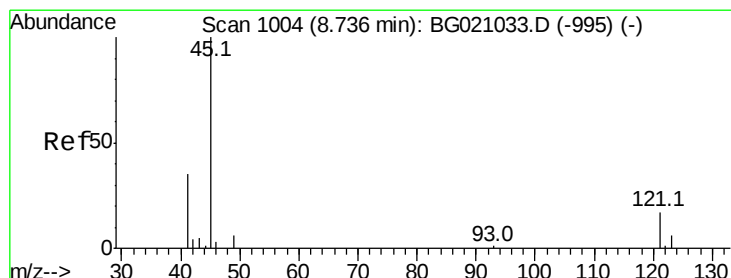
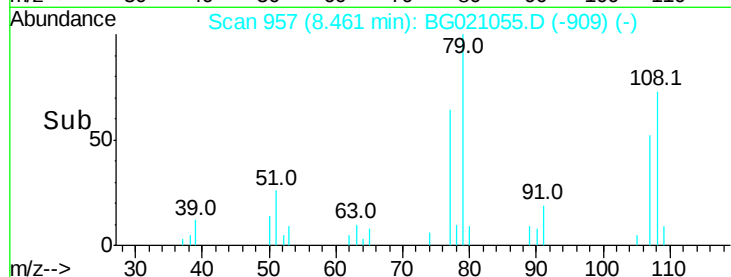
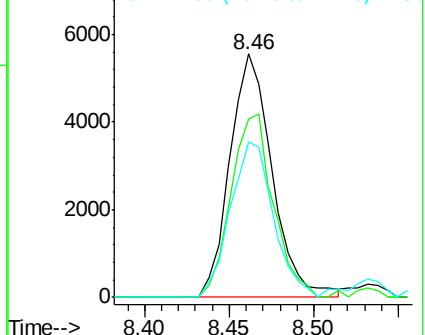
79 100

108 73.2 65.1 97.7

77 63.9 53.8 80.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.15 ng

RT: 8.73 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

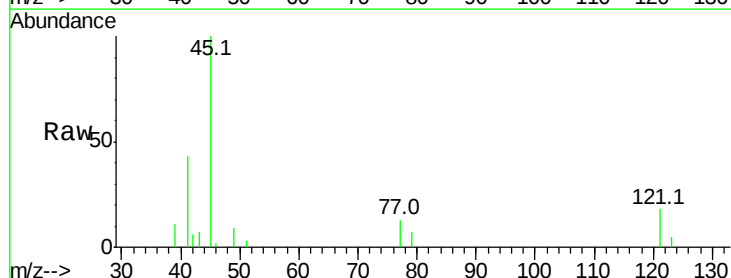
Tgt Ion: 45 Resp: 19188

Ion Ratio Lower Upper

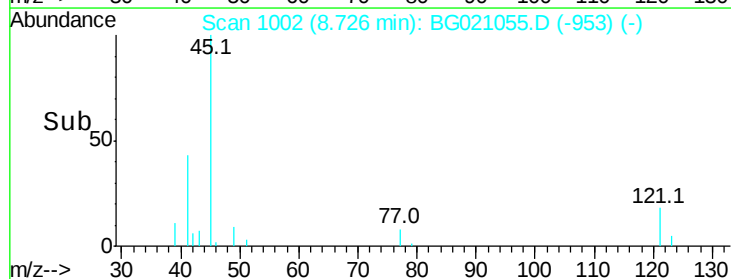
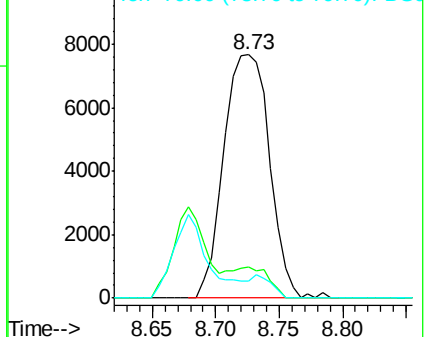
45 100

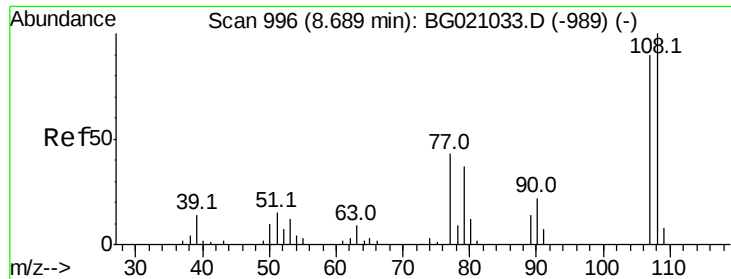
77 12.7 0.0 33.3

79 7.1 0.0 29.6



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

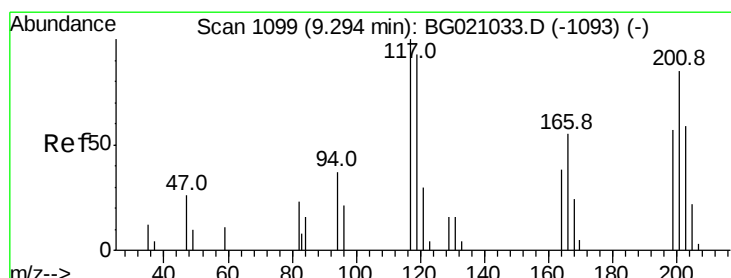
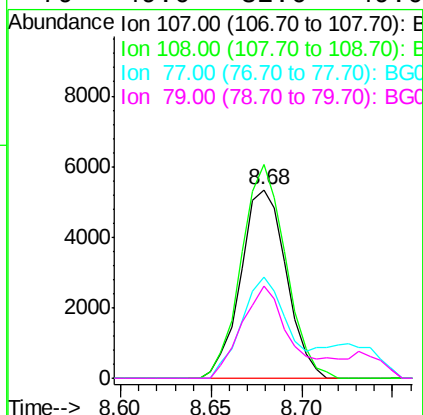
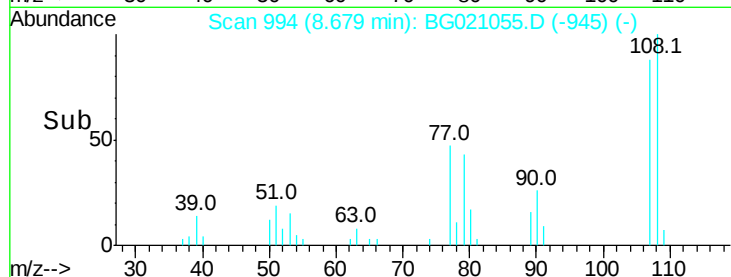
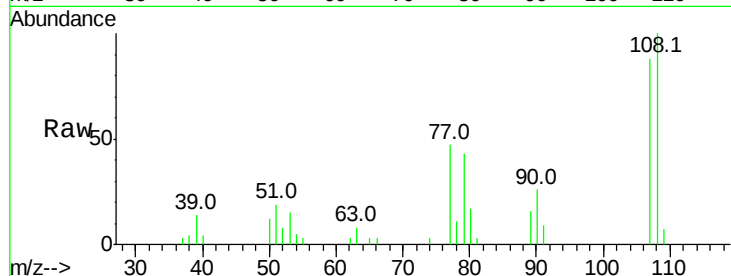




#17
2-Methylphenol
Concen: 42.74 ng
RT: 8.68 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

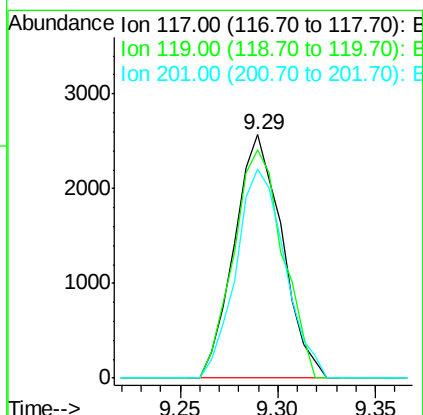
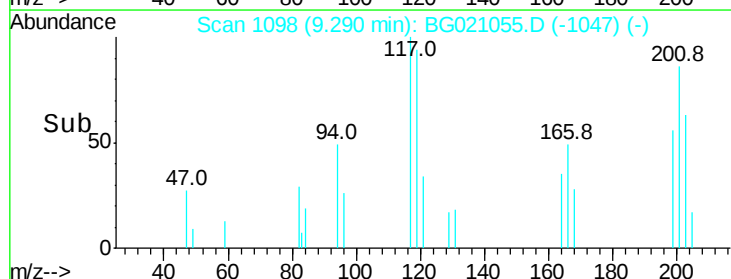
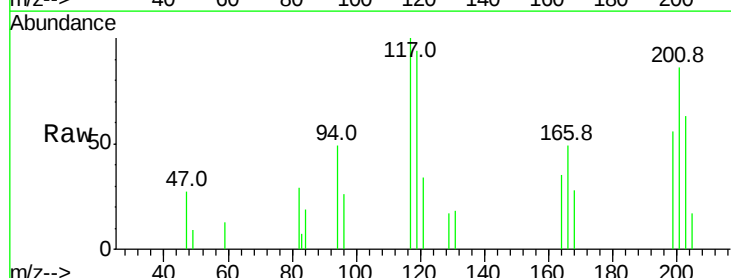
Instrument :
BNA_G
ClientSampleId :

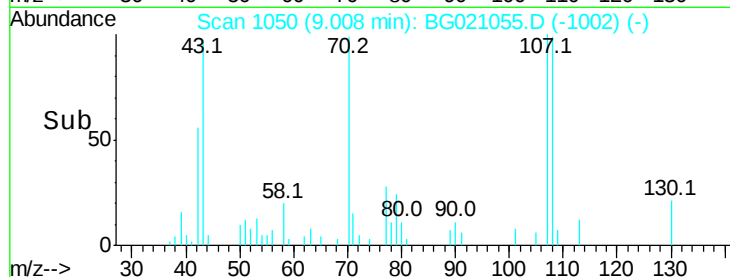
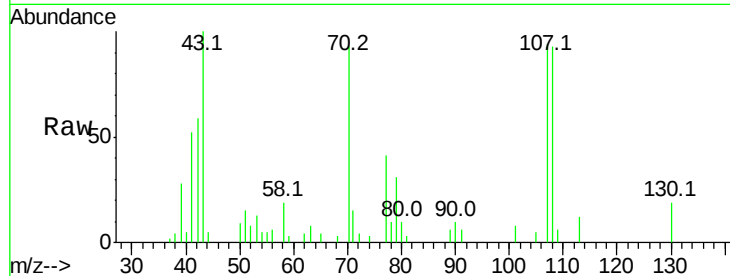
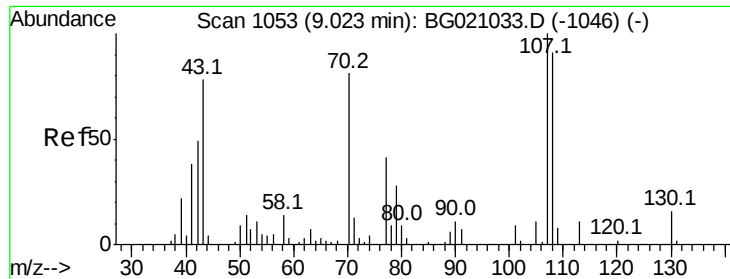
Tot Ion:107 Resp: 9353
Ion Ratio Lower Upper
107 100
108 113.2 88.8 133.2
77 53.8 38.0 57.0
79 49.0 32.6 49.0#



#18
Hexachloroethane
Concen: 42.57 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion:117 Resp: 4339
Ion Ratio Lower Upper
117 100
119 93.7 74.5 111.7
201 85.8 68.2 102.4

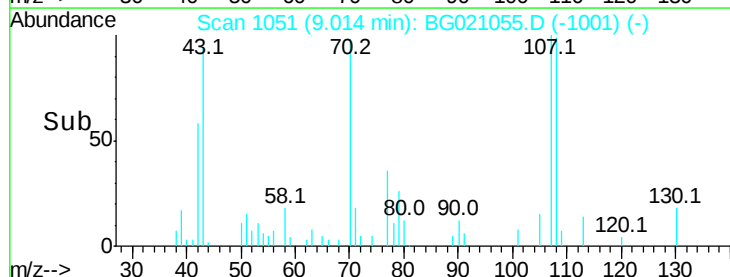
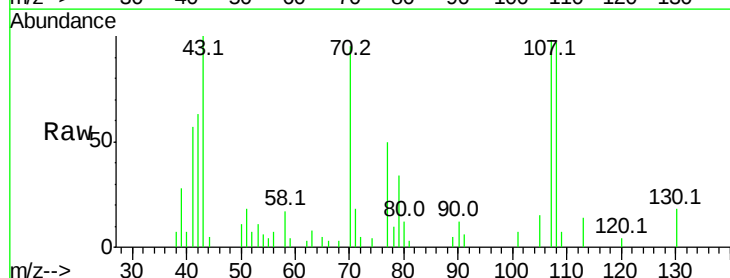
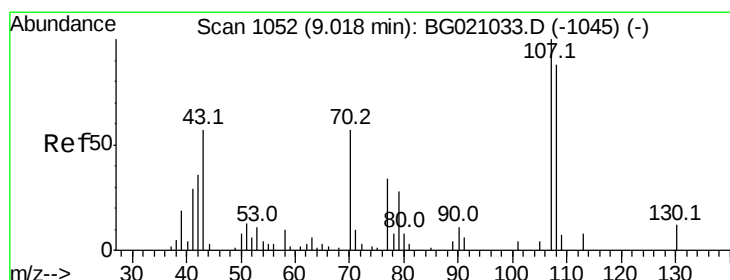
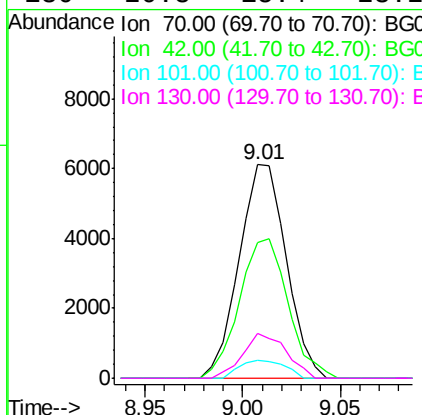




#19
n-Nitroso-di-n-propylamine
Concen: 47.19 ng
RT: 9.01 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

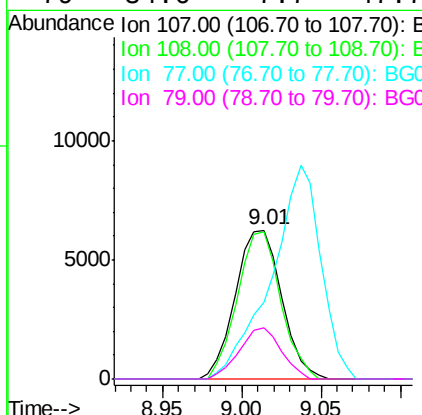
Instrument :
BNA_G
ClientSampleId :

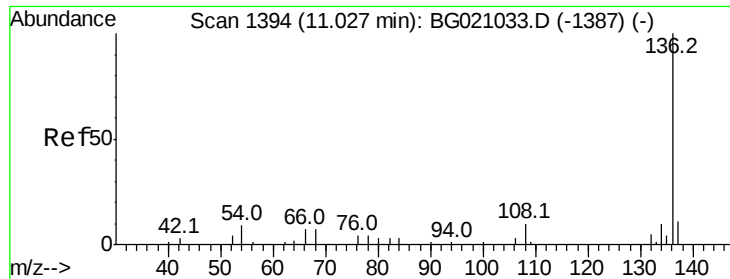
Tot Ion:	70	Resp:	10233
Ion	Ratio	Lower	Upper
70	100		
42	63.5	48.8	73.2
101	8.6	8.5	12.7
130	20.8	15.4	23.2



#20
3+4-Methylphenols
Concen: 41.77 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion:	107	Resp:	12670
Ion	Ratio	Lower	Upper
107	100		
108	99.1	67.6	107.6
77	51.3	14.4	54.4
79	34.6	7.7	47.7

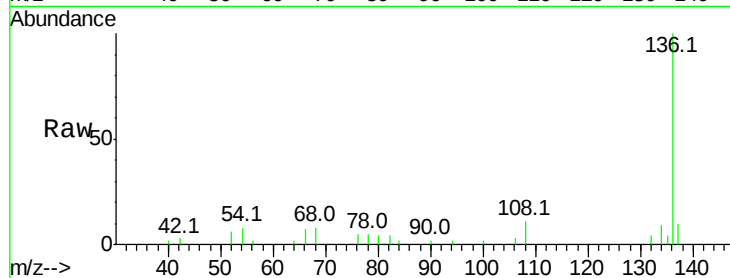




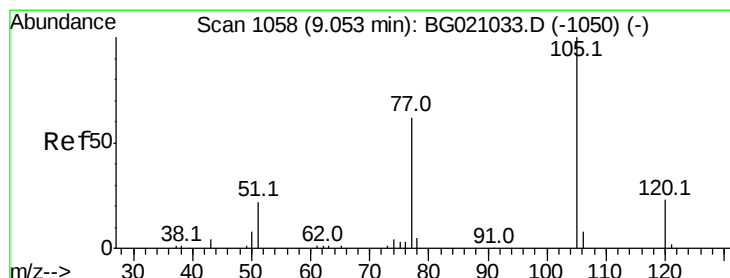
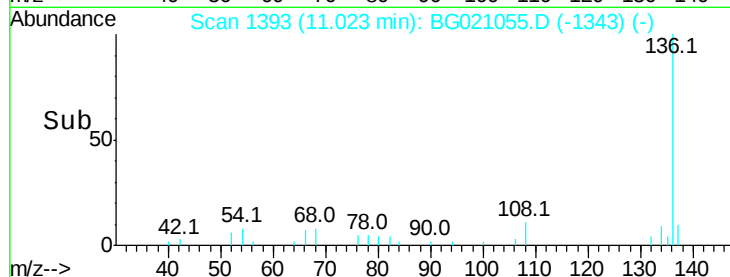
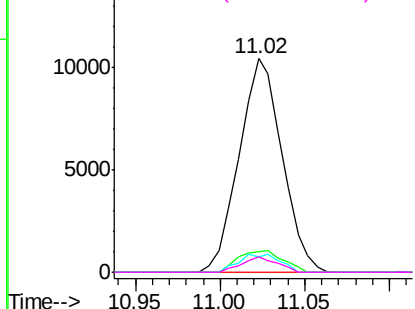
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	18424
Ion Ratio	Lower	Upper
136 100		
137 9.8	8.8	13.2
54 7.5	6.9	10.3
68 7.5	5.8	8.6

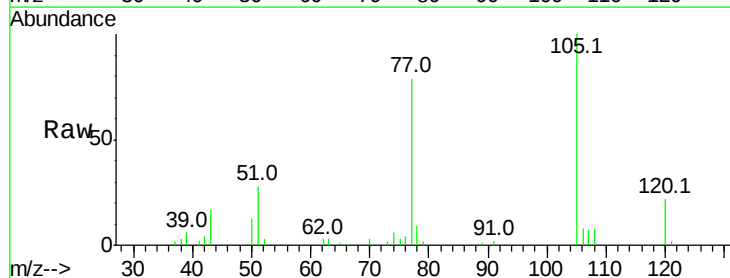


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

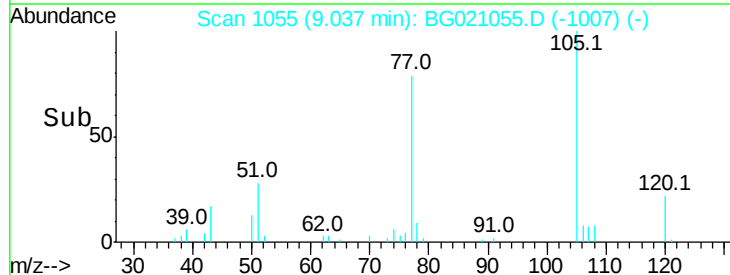
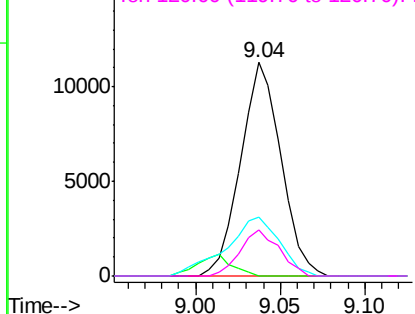


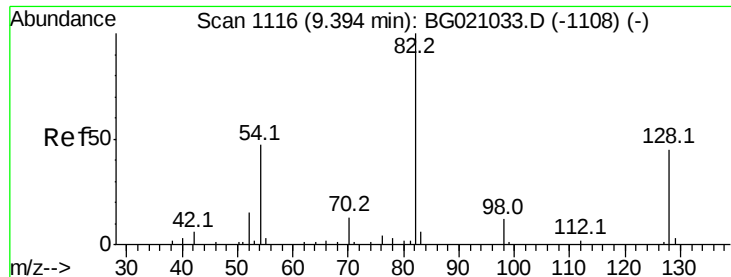
#22
Acetophenone
Concen: 43.93 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt	Ion:105	Resp:	18725
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	27.9	21.4	32.2
120	21.6	18.0	27.0



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

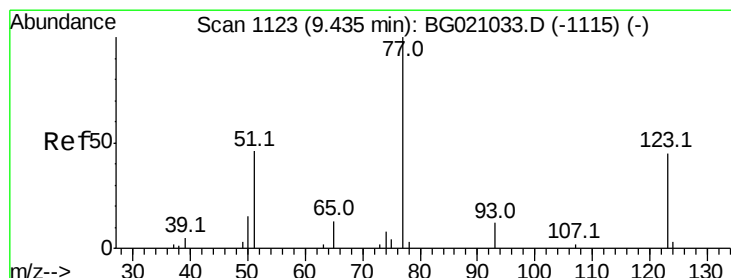
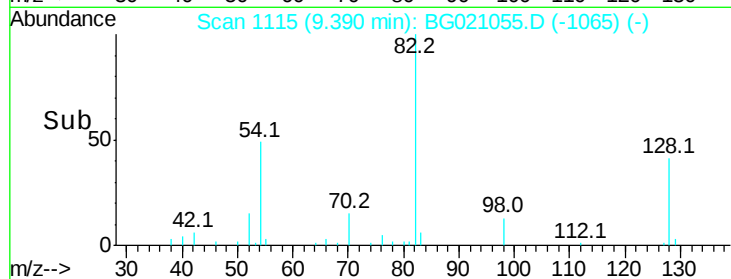
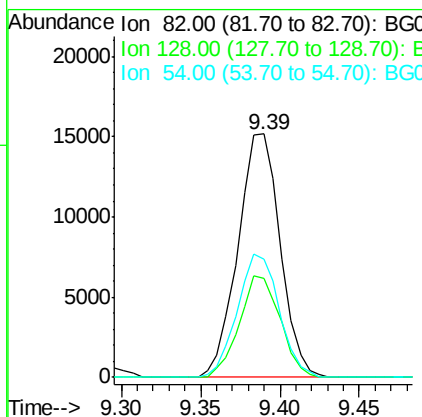
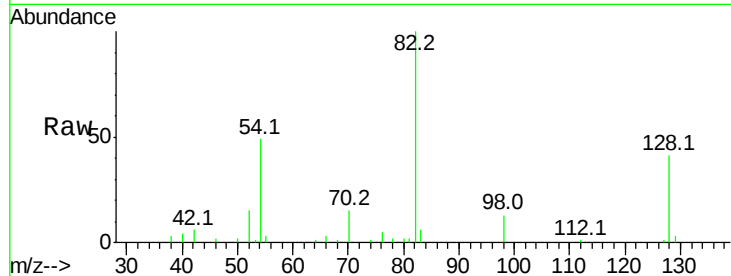




#23
 Nitrobenzene-d5
 Concen: 89.45 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

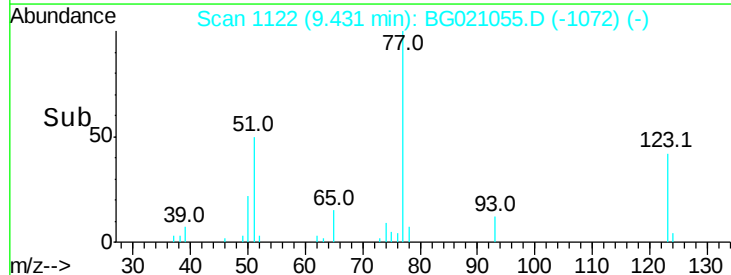
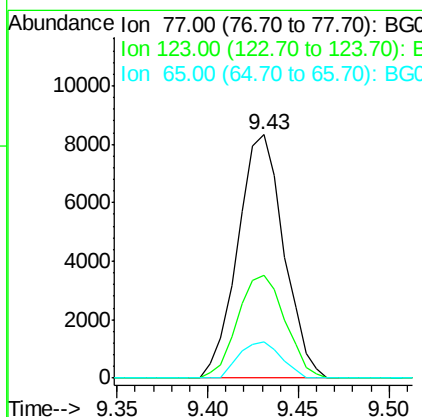
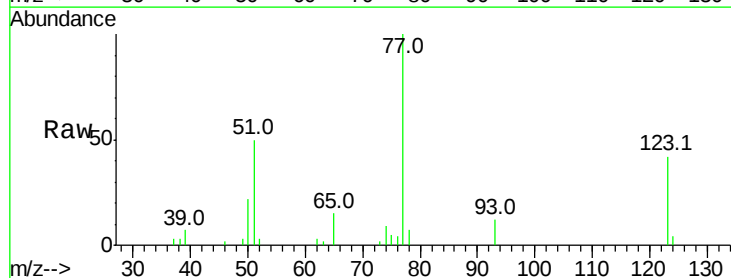
Instrument :
 BNA_G
 ClientSampled :

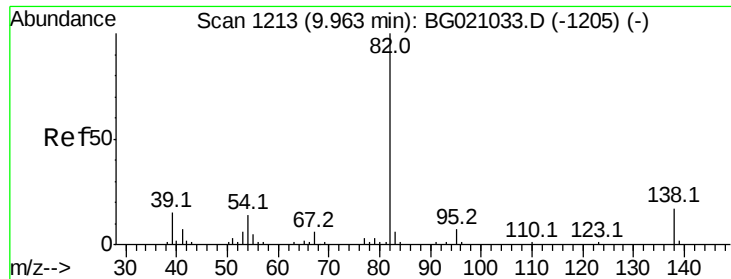
Tot Ion	82	Resp	28070
Ion Ratio	100	Lower	Upper
128	40.7	36.3	54.5
54	48.7	37.6	56.4



#24
 Nitrobenzene
 Concen: 43.15 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion	77	Resp	14692
Ion Ratio	100	Lower	Upper
123	42.1	35.8	53.6
65	14.7	10.6	16.0





#25

Isophorone

Concen: 45.22 ng

RT: 9.94 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

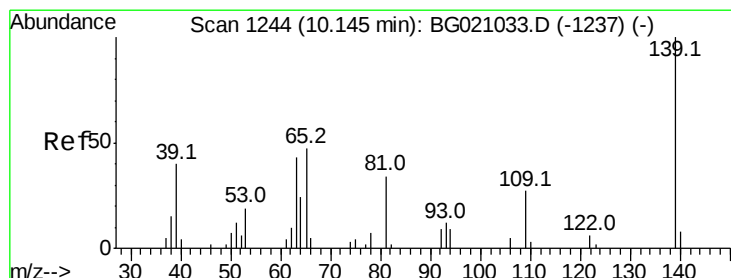
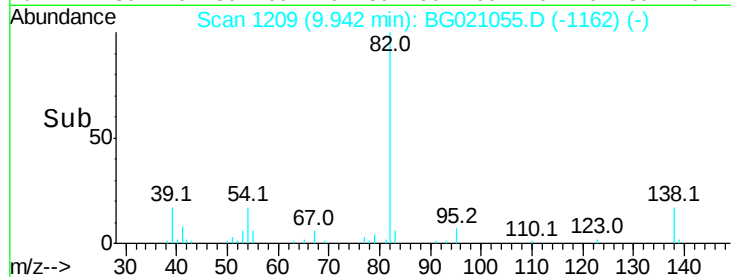
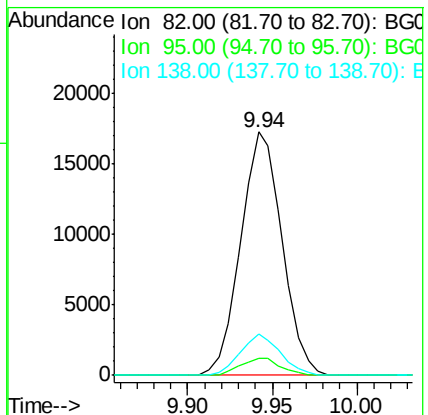
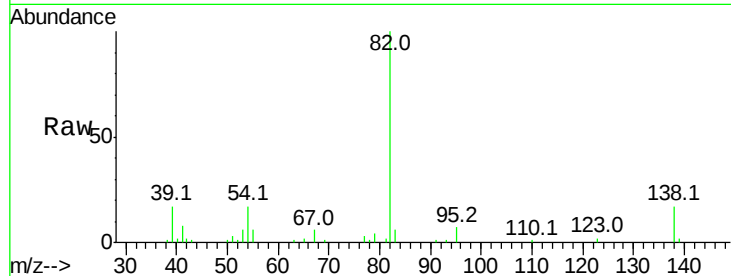
Tot Ion: 82 Resp: 29261

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.0

138 16.9 13.4 20.0



#26

2-Nitrophenol

Concen: 43.93 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

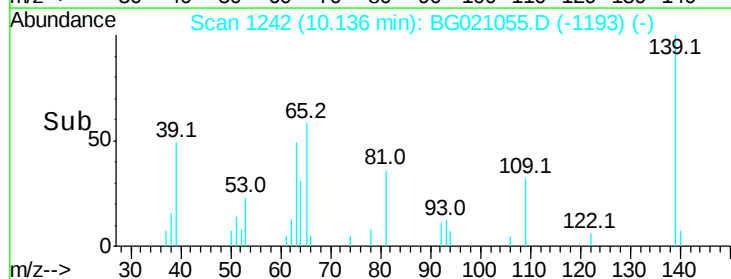
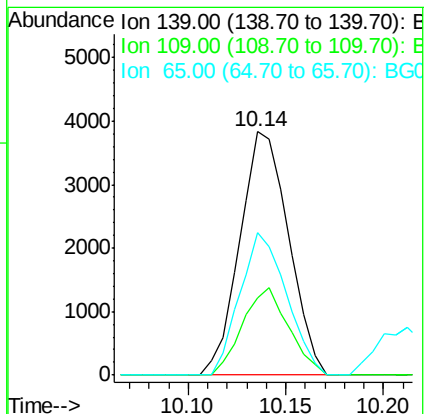
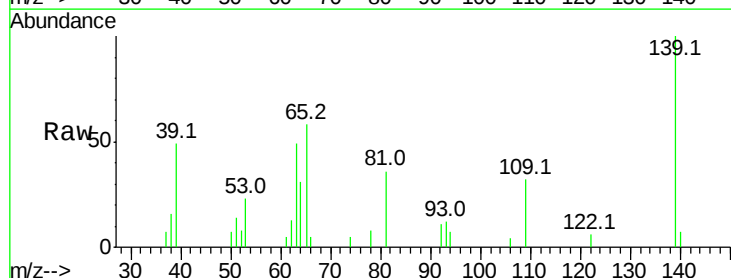
Tgt Ion: 139 Resp: 6631

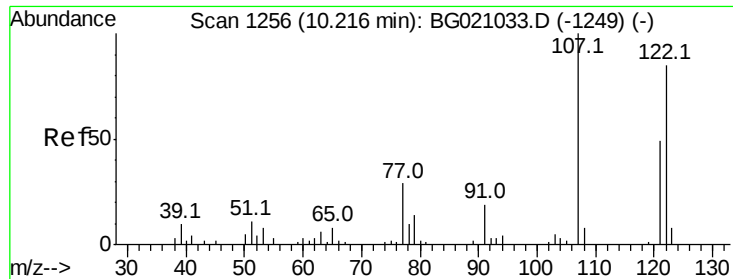
Ion Ratio Lower Upper

139 100

109 31.5 21.4 32.0

65 58.4 37.8 56.8#

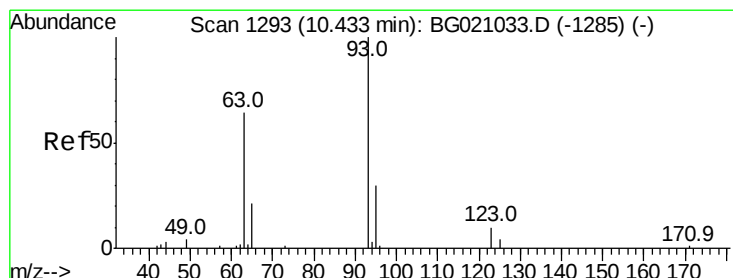
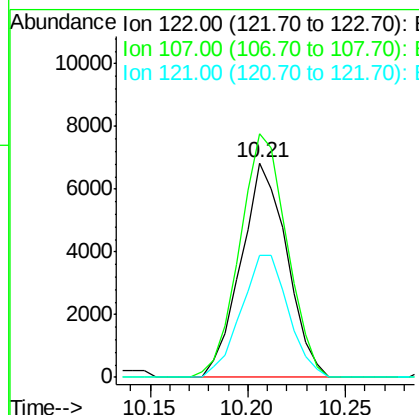
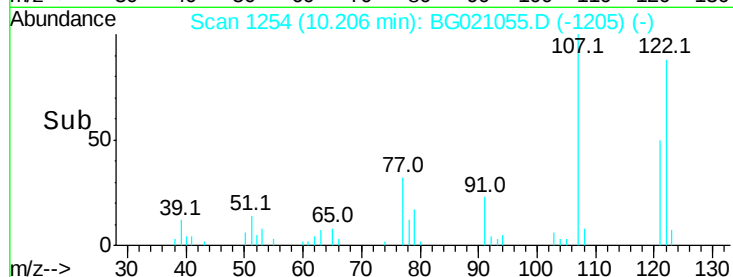
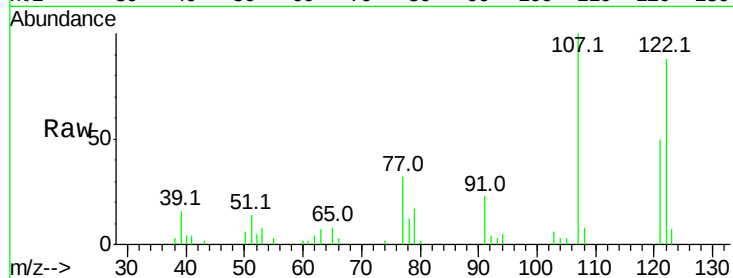




#27
 2,4-Dimethylphenol
 Concen: 40.83 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

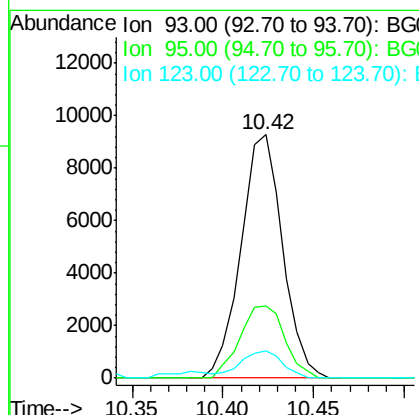
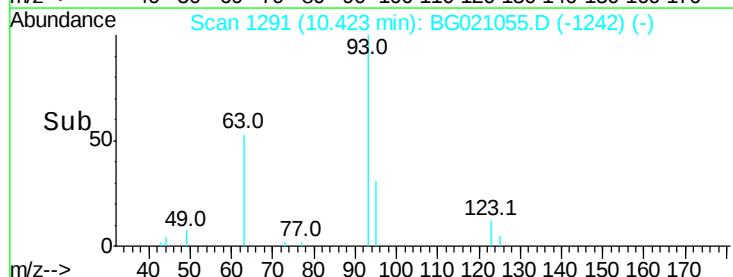
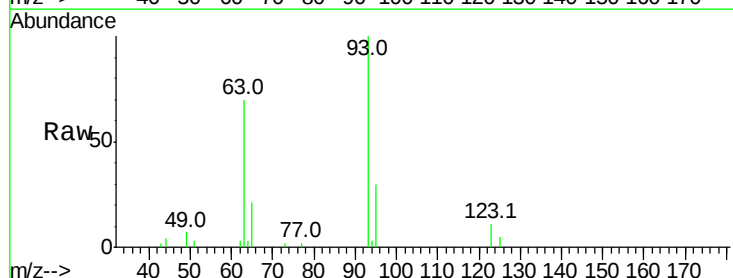
Instrument :
 BNA_G
 ClientSampleId :

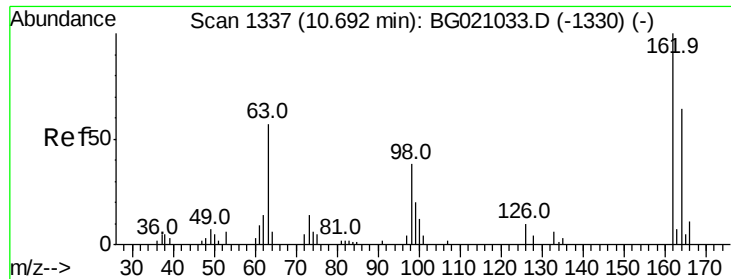
Tot Ion:122 Resp: 11120
 Ion Ratio Lower Upper
 122 100
 107 113.5 94.1 141.1
 121 56.8 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.45 ng
 RT: 10.42 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion: 93 Resp: 14843
 Ion Ratio Lower Upper
 93 100
 95 29.9 24.2 36.2
 123 11.4 9.0 13.6

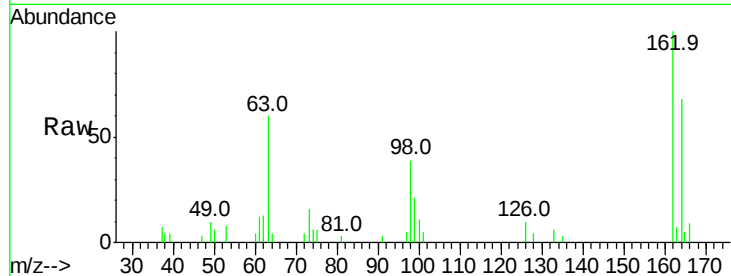




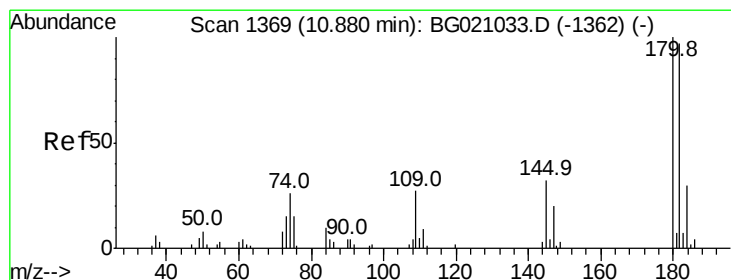
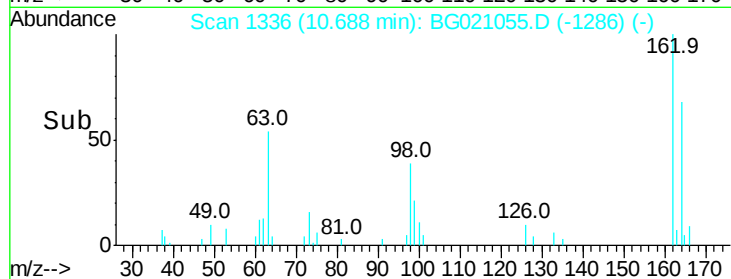
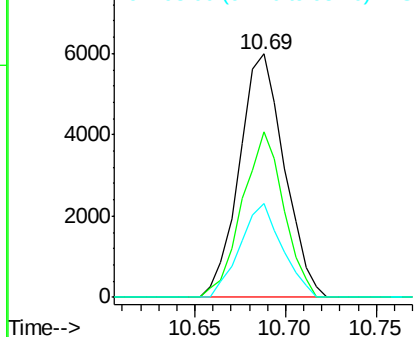
#29
 2,4-Dichlorophenol
 Concen: 41.41 ng
 RT: 10.69 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 10323
 Ion Ratio Lower Upper
 162 100
 164 68.1 43.7 83.7
 98 38.6 18.3 58.3

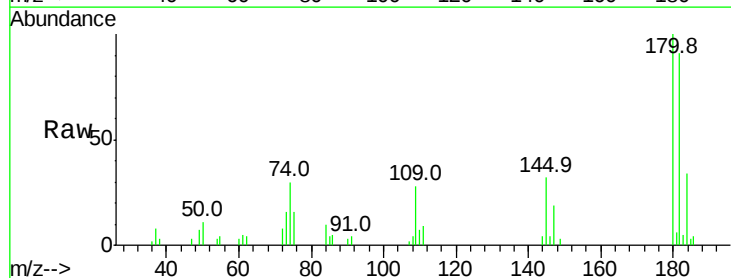


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

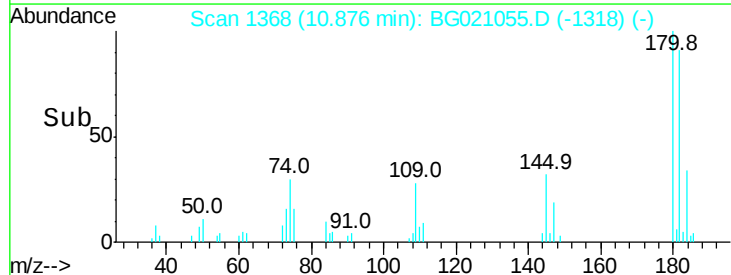
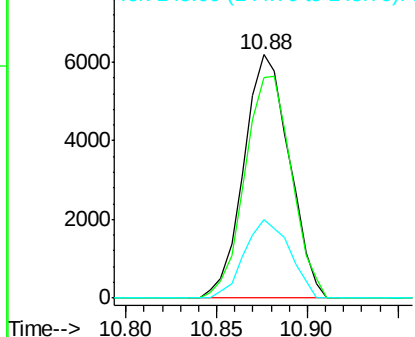


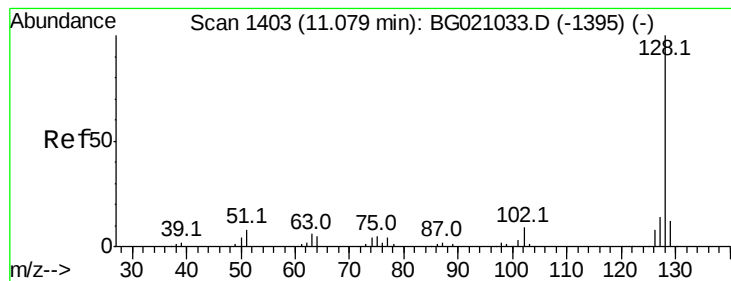
#30
 1,2,4-Trichlorobenzene
 Concen: 40.43 ng
 RT: 10.88 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:180 Resp: 10809
 Ion Ratio Lower Upper
 180 100
 182 90.7 77.4 116.0
 145 32.3 25.7 38.5



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





#31

Naphthalene

Concen: 40.24 ng

RT: 11.08 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

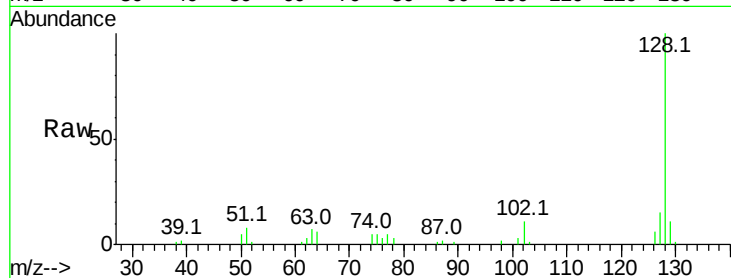
Tot Ion:128 Resp: 38769

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.2

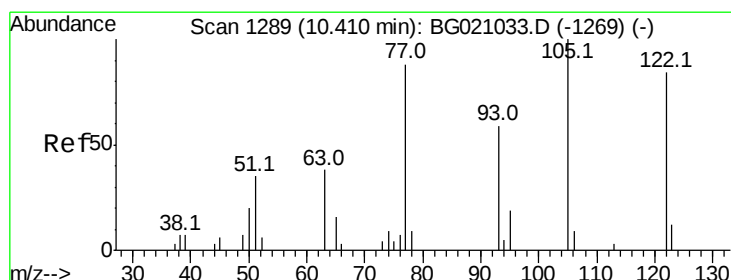
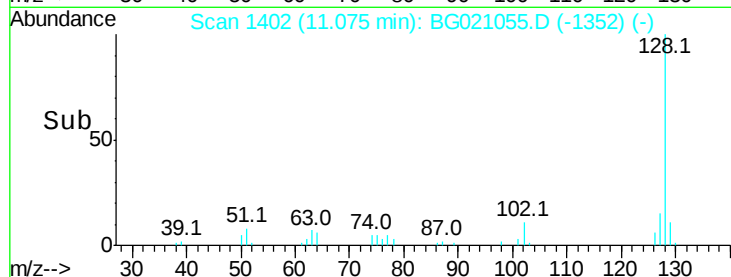
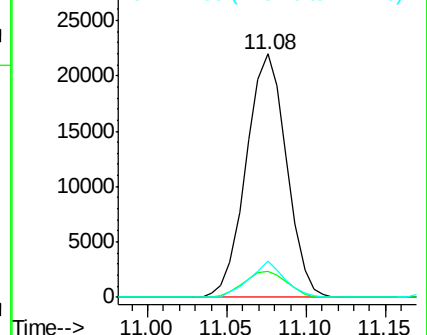
127 14.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.49 ng

RT: 10.38 min Scan# 1284

Delta R.T. -0.03 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

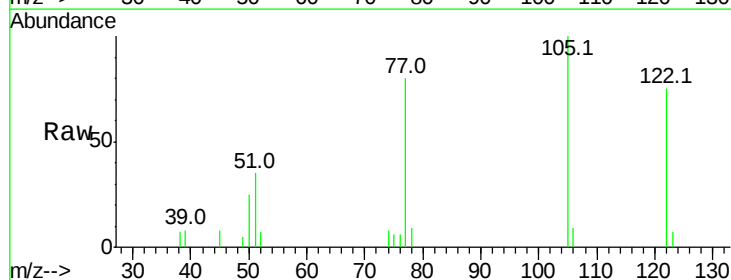
Tgt Ion:122 Resp: 10195

Ion Ratio Lower Upper

122 100

105 133.7 98.7 138.7

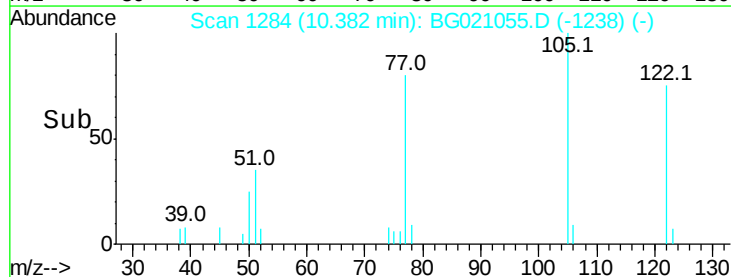
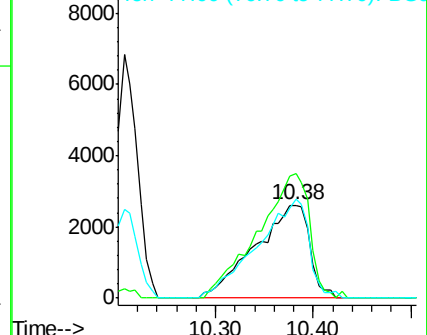
77 106.3 84.5 124.5

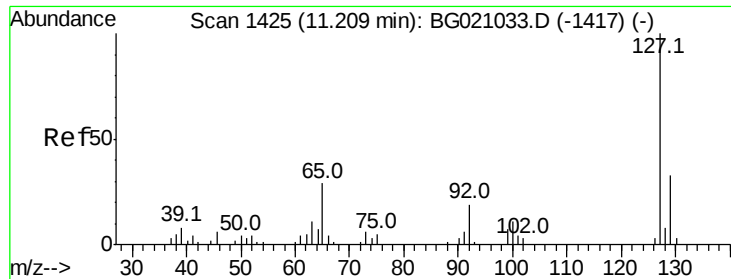


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

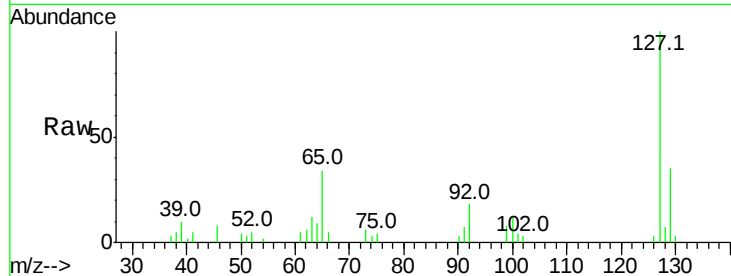




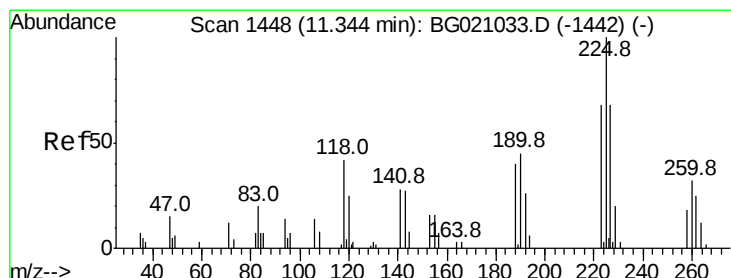
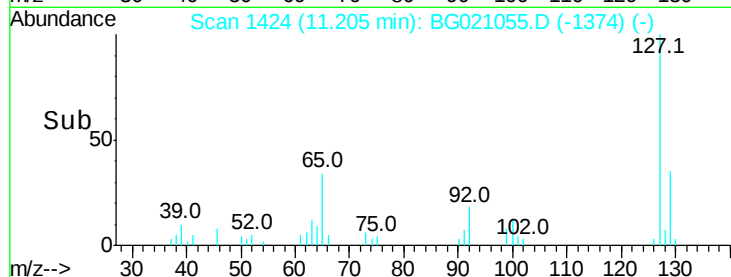
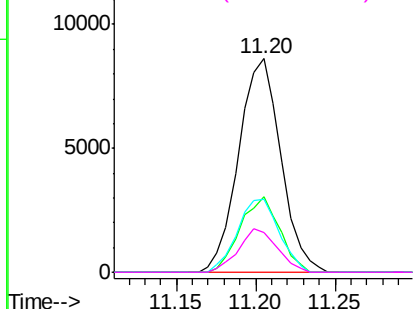
#33
 4-Chloroaniline
 Concen: 41.24 ng
 RT: 11.20 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	15900
Ion	Ratio	Lower	Upper
127	100		
129	35.1	26.2	39.2
65	34.4	22.9	34.3#
92	18.4	15.0	22.6

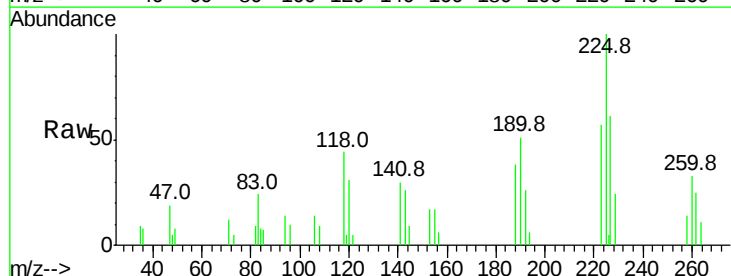


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

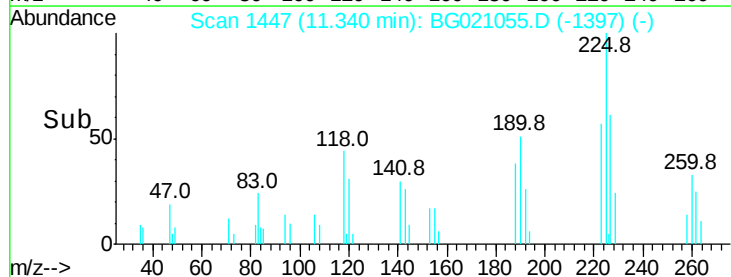
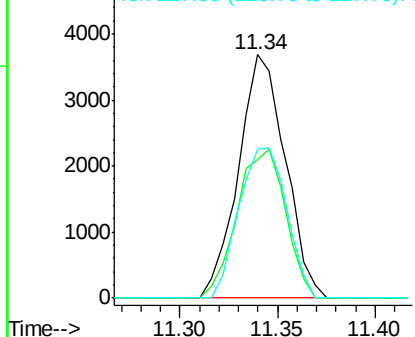


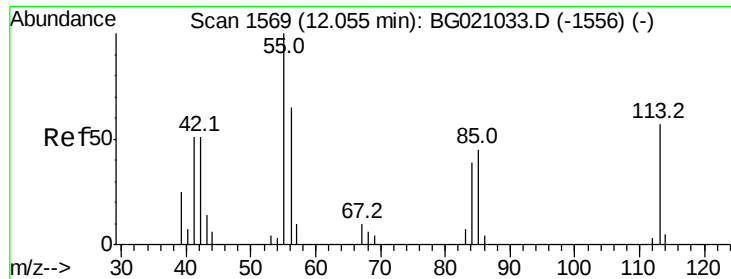
#34
 Hexachlorobutadiene
 Concen: 41.19 ng
 RT: 11.34 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:	225	Resp:	6118
Ion	Ratio	Lower	Upper
225	100		
223	57.1	54.6	82.0
227	61.1	54.6	81.8



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





#35

Caprolactam

Concen: 47.88 ng

RT: 12.00 min Scan# 1559

Delta R.T. -0.06 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampled :

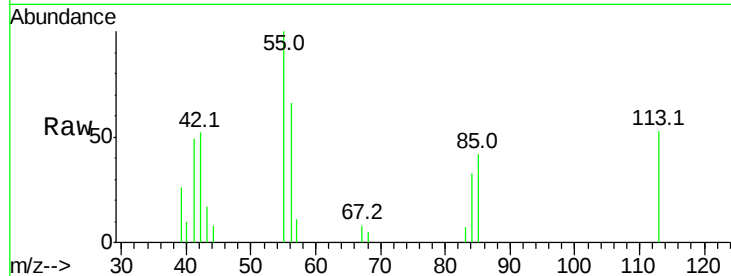
Tot Ion:113 Resp: 4676

Ion Ratio Lower Upper

113 100

55 188.8 155.2 195.2

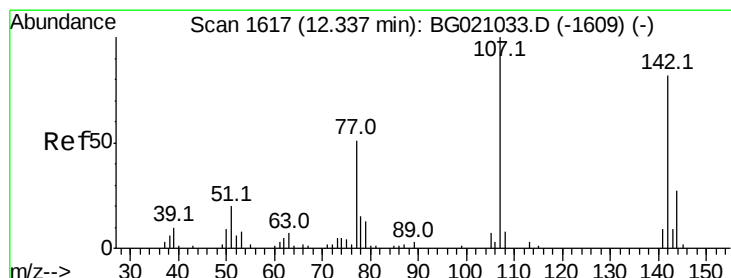
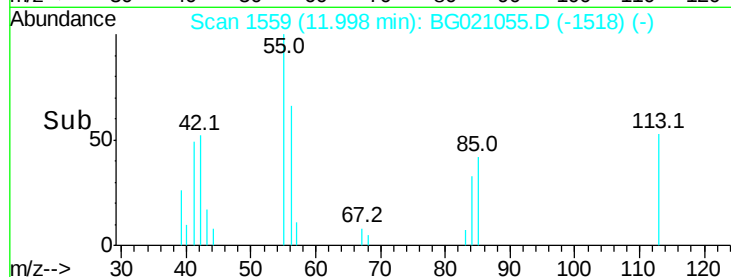
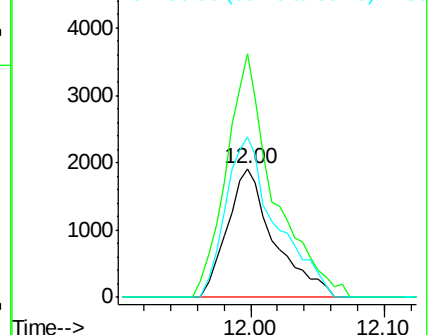
56 124.8 94.0 134.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 44.44 ng

RT: 12.33 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

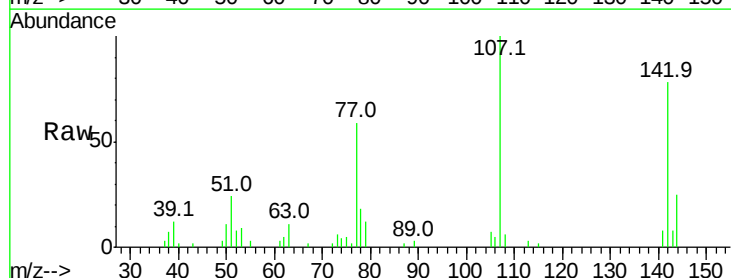
Tgt Ion:107 Resp: 14034

Ion Ratio Lower Upper

107 100

144 25.3 21.8 32.8

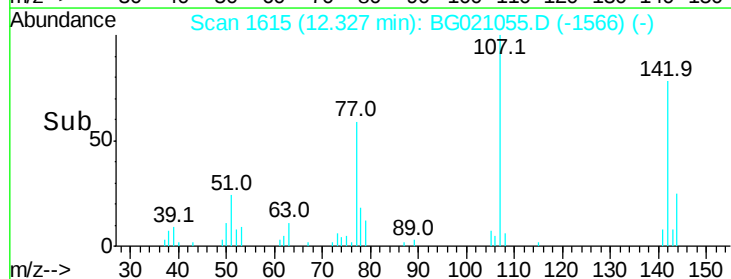
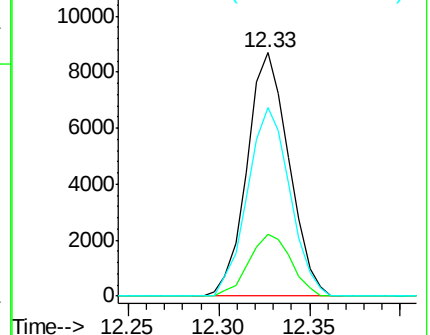
142 77.6 65.6 98.4

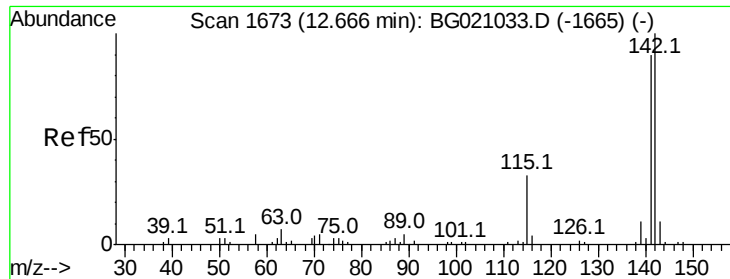


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

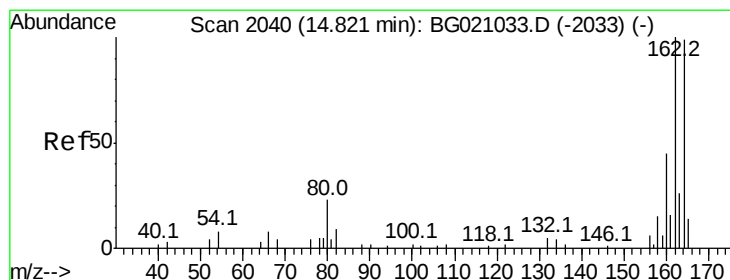
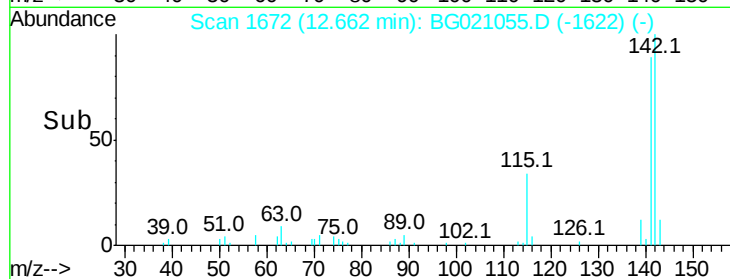
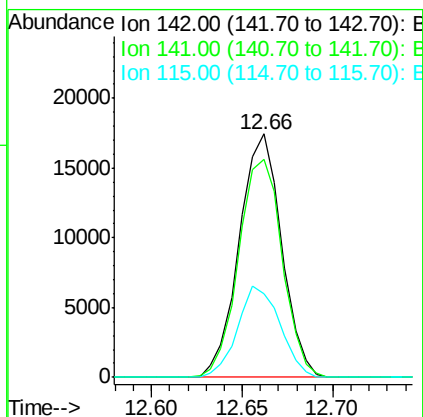
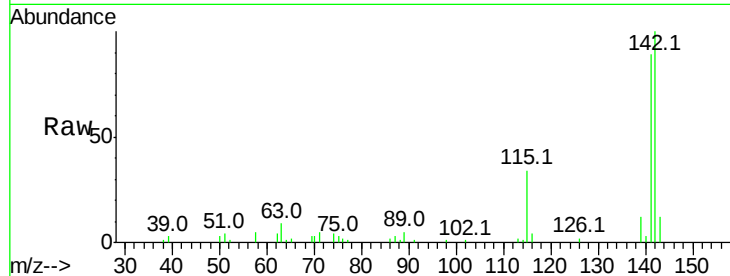




#37
 2-Methylnaphthalene
 Concen: 40.38 ng
 RT: 12.66 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

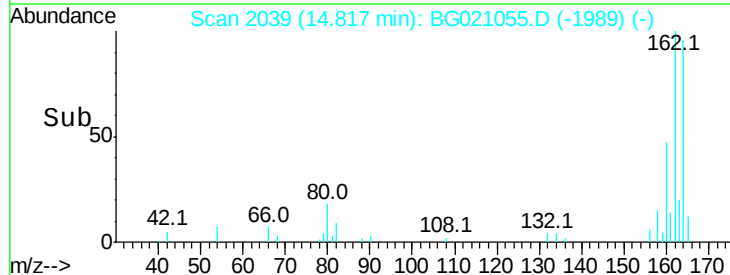
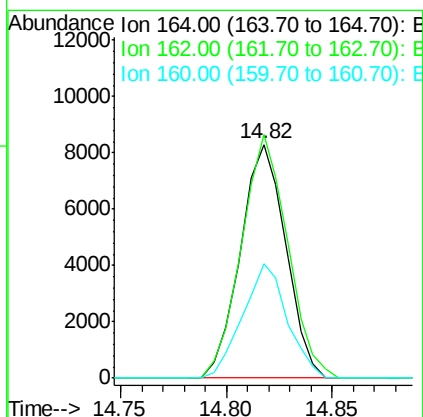
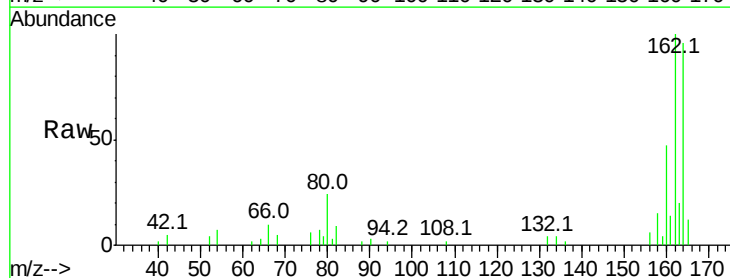
Instrument :
 BNA_G
 ClientSampleId :

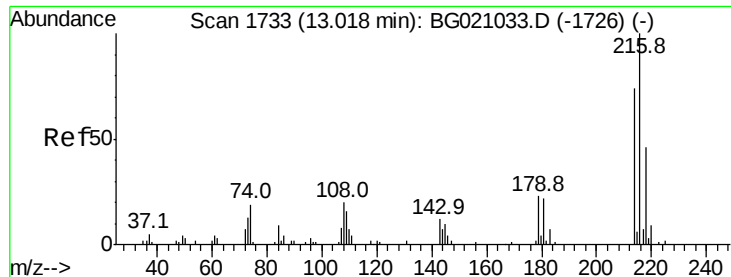
Tot Ion:142 Resp: 28312
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.7 107.5
 115 34.2 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:164 Resp: 12376
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.6 120.8
 160 48.7 36.5 54.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.65 ng

RT: 13.01 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 13568

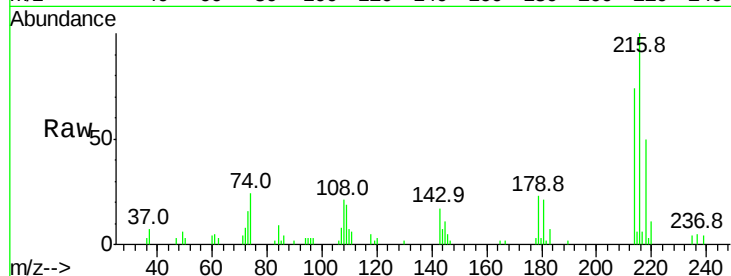
Ion Ratio Lower Upper

216 100

214 76.0 63.5 95.3

179 21.3 17.4 26.0

108 23.5 16.8 25.2

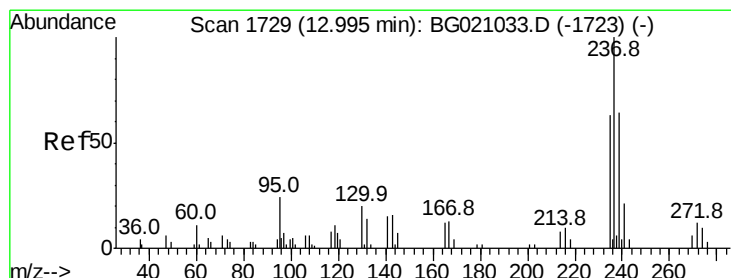
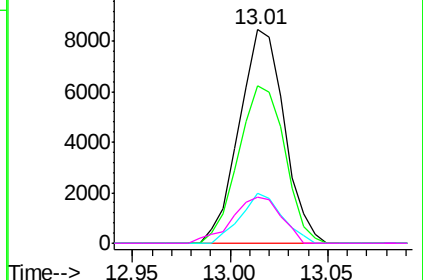
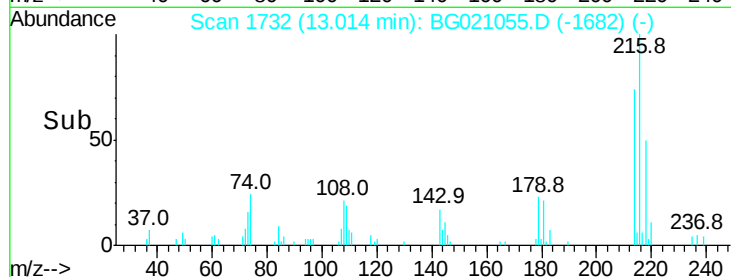


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.00 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

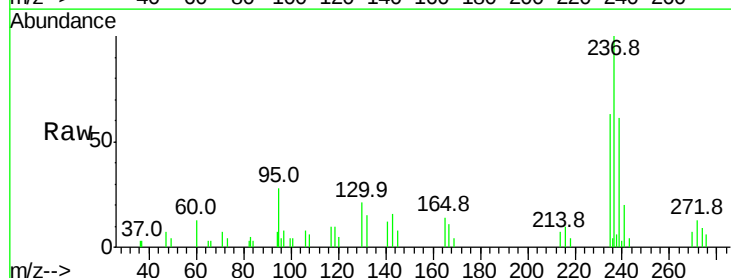
Tgt Ion:237 Resp: 8136

Ion Ratio Lower Upper

237 100

235 63.4 42.9 82.9

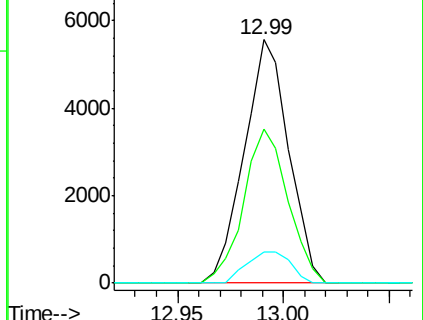
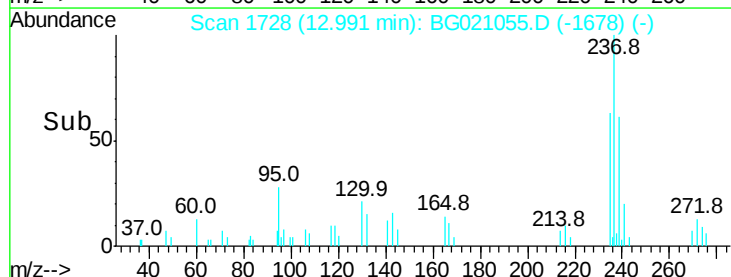
272 13.0 0.0 32.3

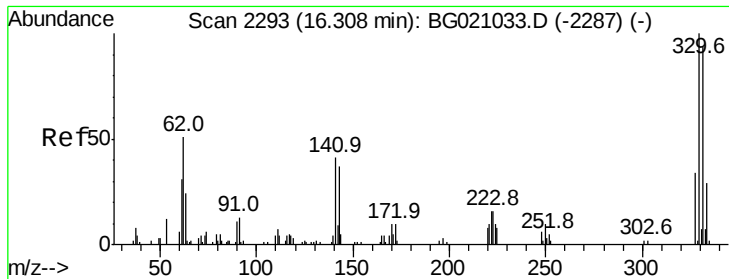


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

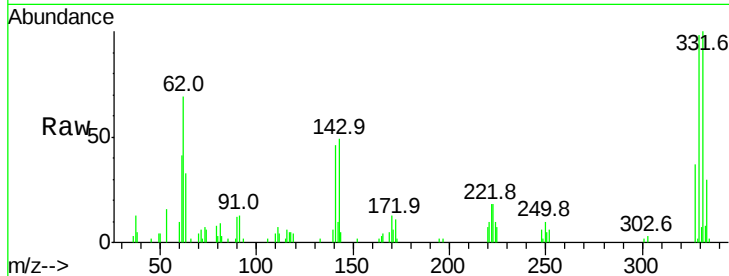




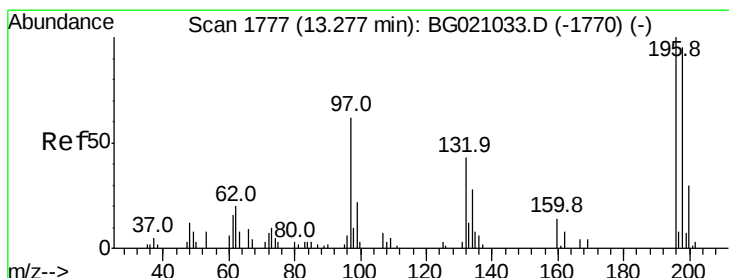
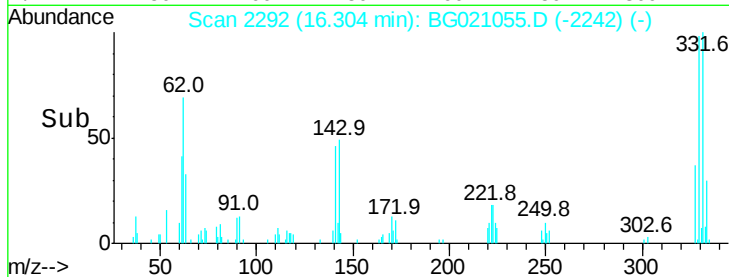
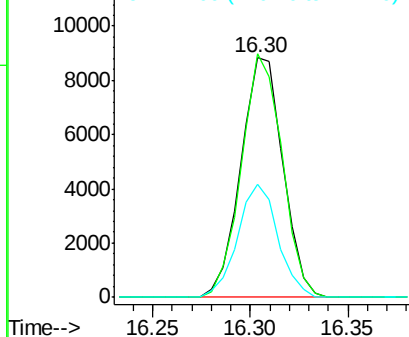
#41
 2,4,6-Tribromophenol
 Concen: 89.16 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 13219
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.0
 141 45.0 35.3 52.9

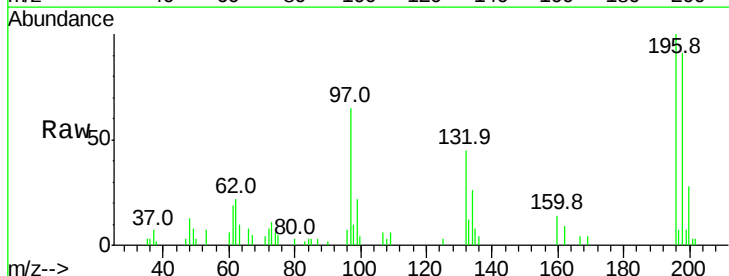


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

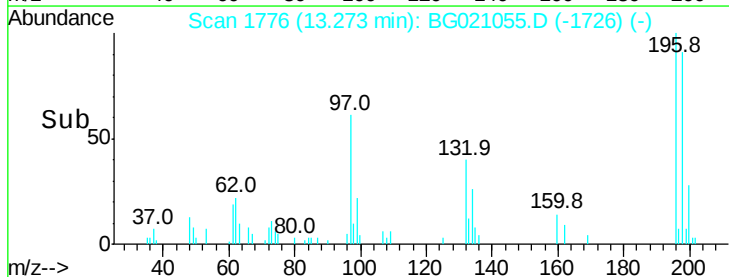
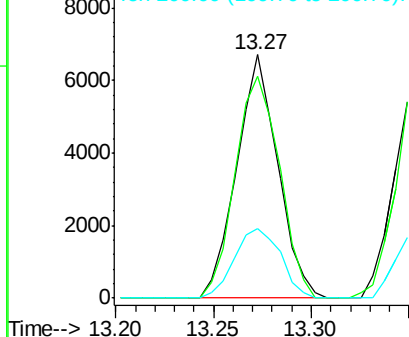


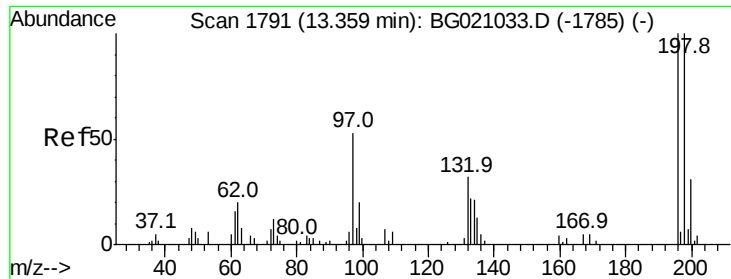
#42
 2,4,6-Trichlorophenol
 Concen: 40.21 ng
 RT: 13.27 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:196 Resp: 9779
 Ion Ratio Lower Upper
 196 100
 198 90.9 75.8 113.8
 200 28.4 23.8 35.8



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

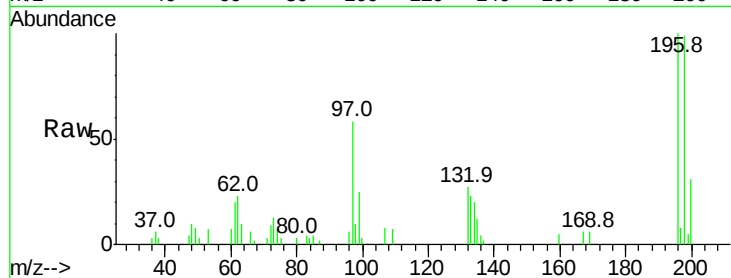




#43
 2,4,5-Trichlorophenol
 Concen: 41.37 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.1	80.2	120.4
97	57.6	42.9	64.3
132	27.3	25.5	38.3



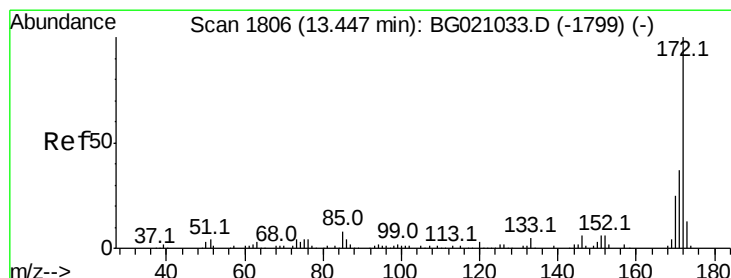
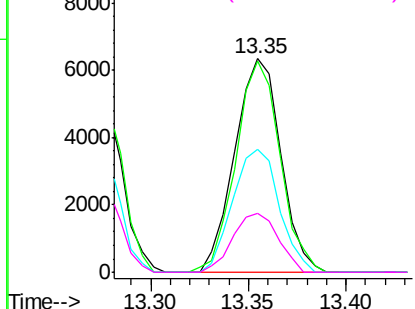
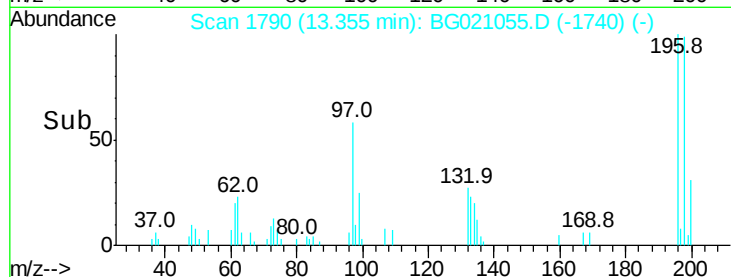
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

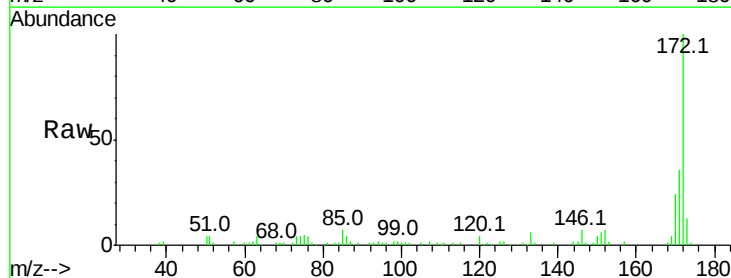
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.79 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.1	19.8	29.8

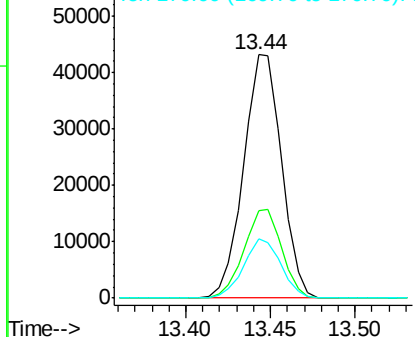
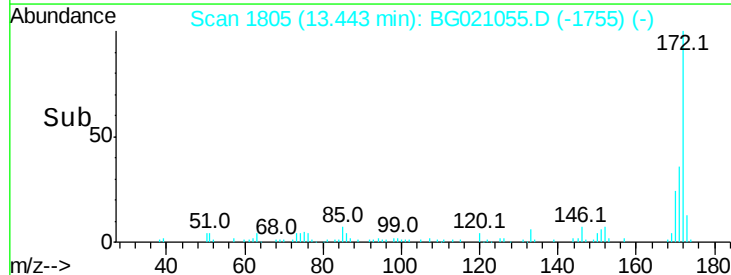


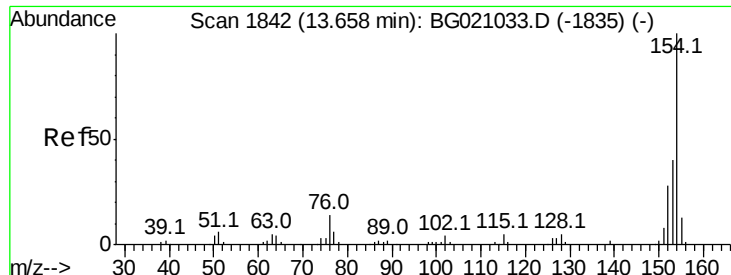
Abundance

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

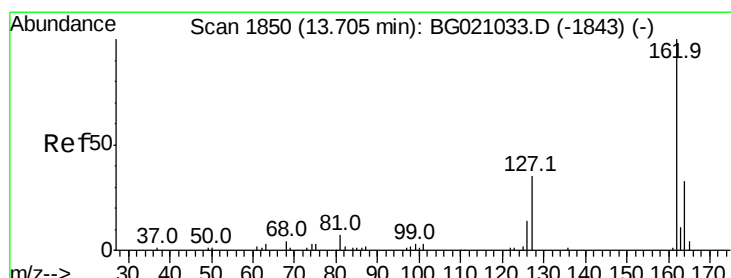
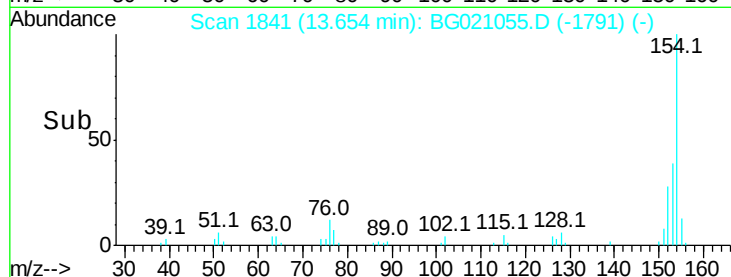
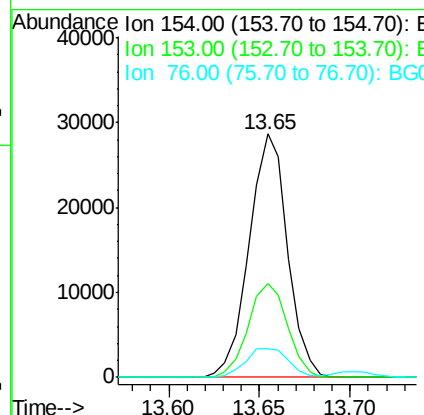
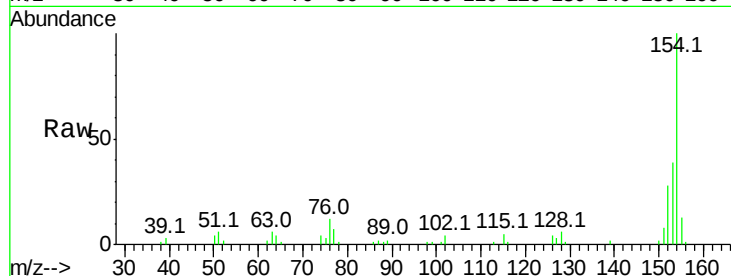




#45
 1,1'-Biphenyl
 Concen: 39.38 ng
 RT: 13.65 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

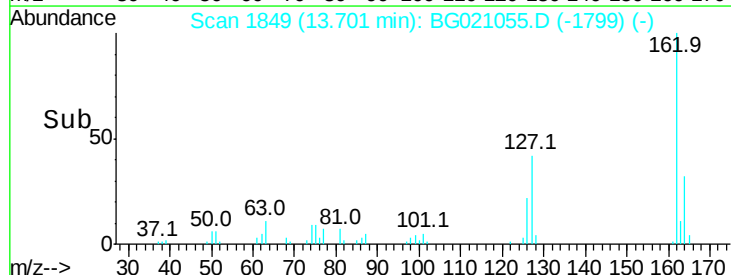
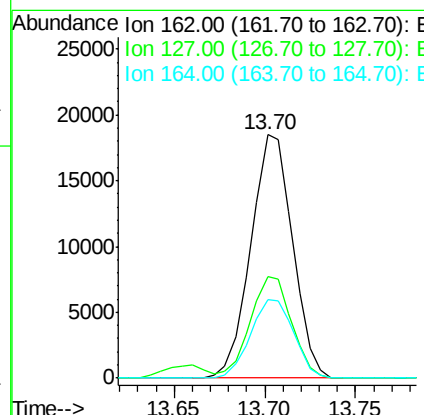
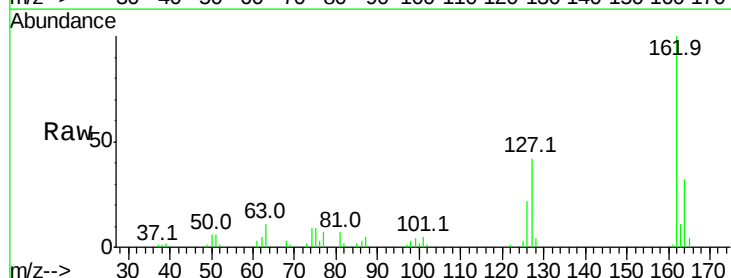
Instrument :
 BNA_G
 ClientSampleId :

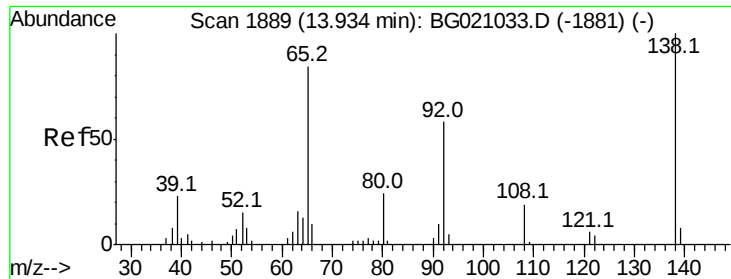
Tot Ion	Ratio	Lower	Upper
154	100		
153	38.5	19.8	59.8
76	11.8	0.0	33.6



#46
 2-Chloronaphthalene
 Concen: 39.41 ng
 RT: 13.70 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	31.8	47.8
164	32.0	26.3	39.5

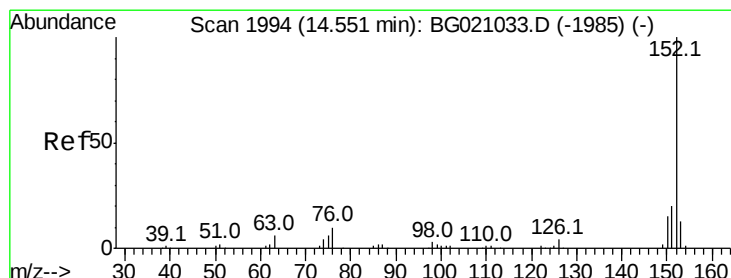
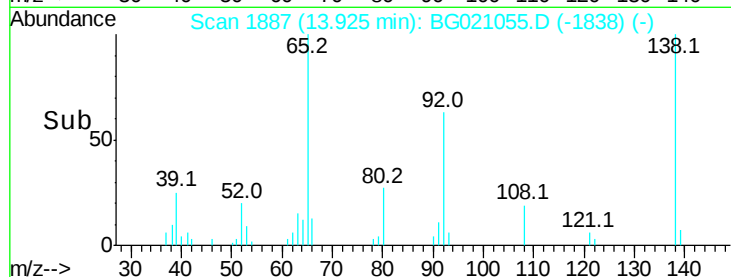
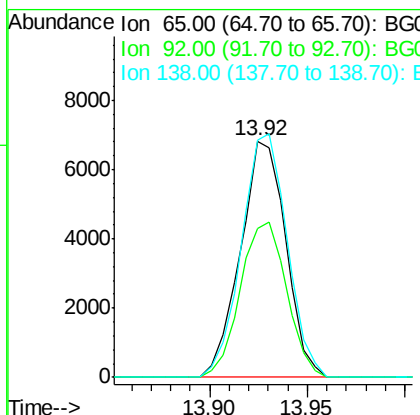
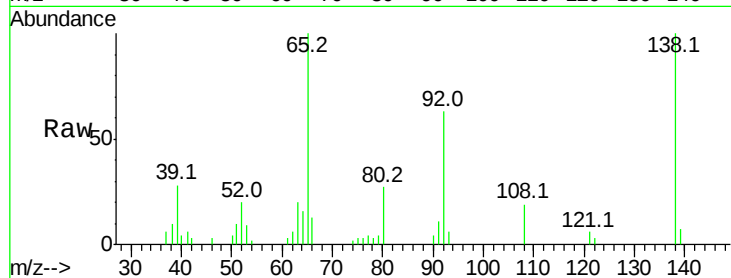




#47
2-Nitroaniline
Concen: 48.43 ng
RT: 13.92 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

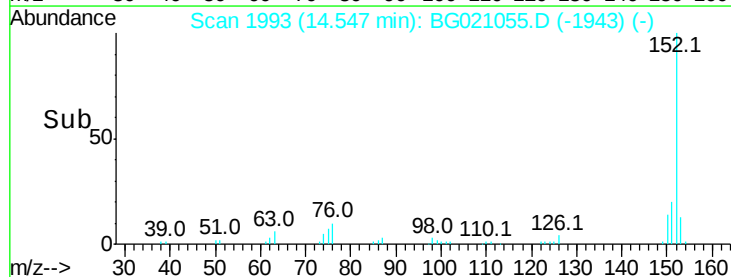
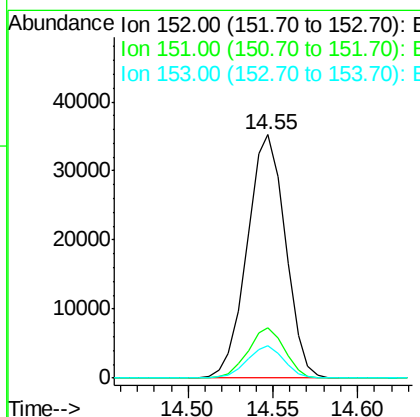
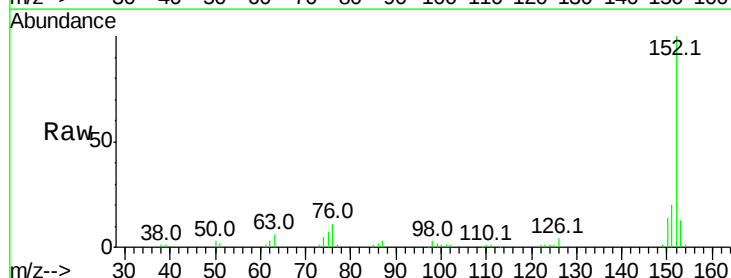
Instrument :
BNA_G
ClientSampled :

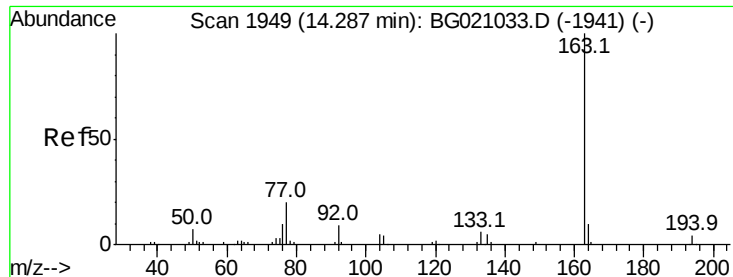
Tot Ion: 65 Resp: 10977
Ion Ratio Lower Upper
65 100
92 63.2 54.6 82.0
138 100.3 94.9 142.3



#48
Acenaphthylene
Concen: 40.45 ng
RT: 14.55 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion:152 Resp: 55547
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.2 10.2 15.2





#49

Dimethylphthalate

Concen: 41.97 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

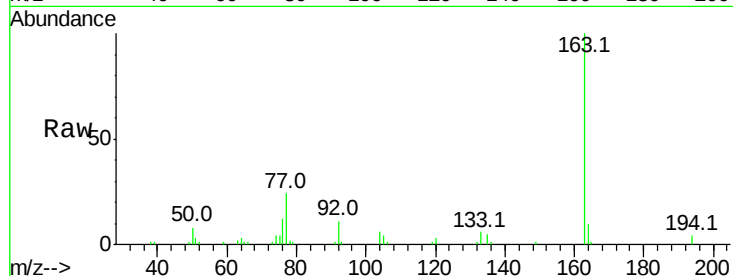
Tot Ion:163 Resp: 42356

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

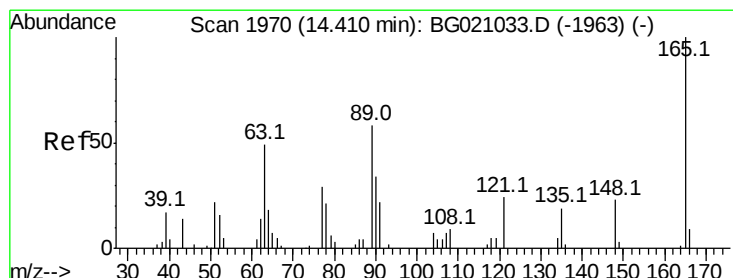
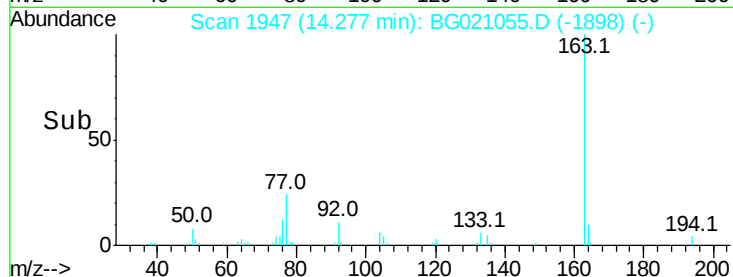
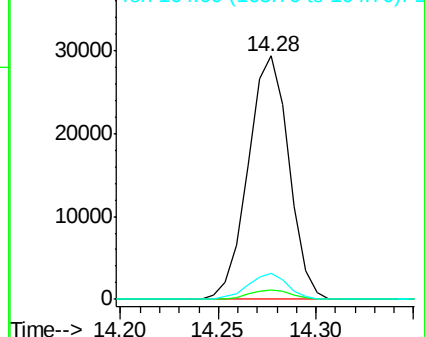
164 10.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.85 ng

RT: 14.40 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

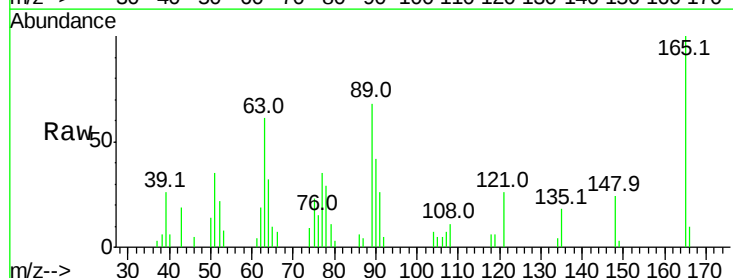
Tgt Ion:165 Resp: 9060

Ion Ratio Lower Upper

165 100

63 61.5 42.1 63.1

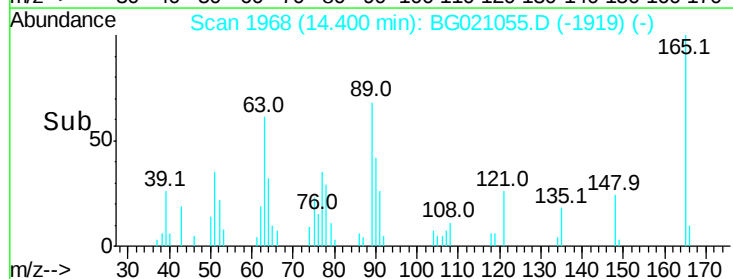
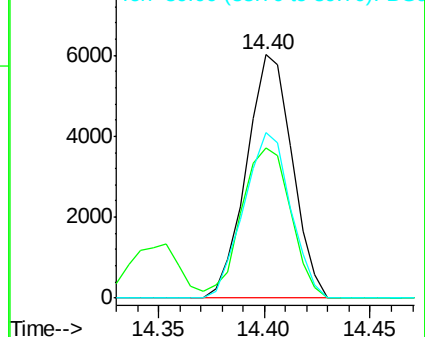
89 67.9 46.1 69.1

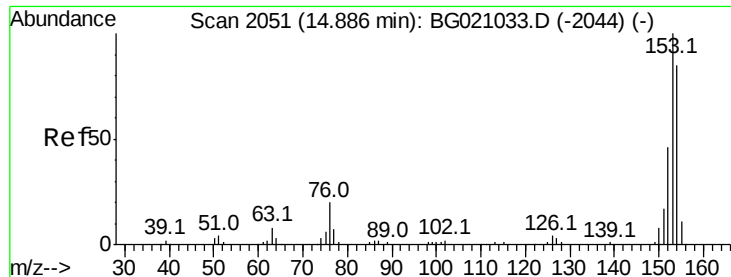


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.80 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

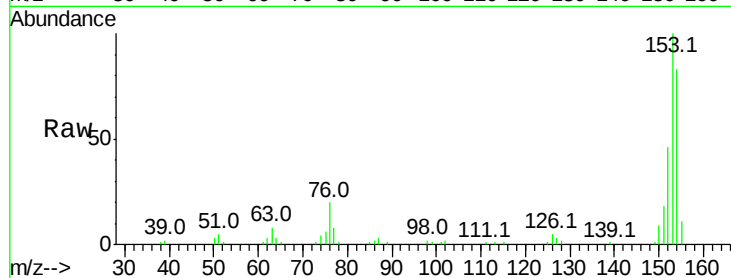
Tot Ion:154 Resp: 31430

Ion Ratio Lower Upper

154 100

153 121.1 94.2 141.2

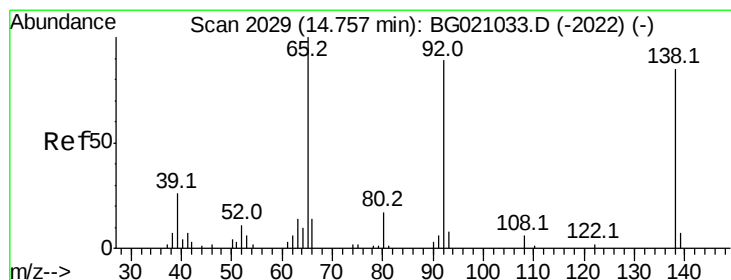
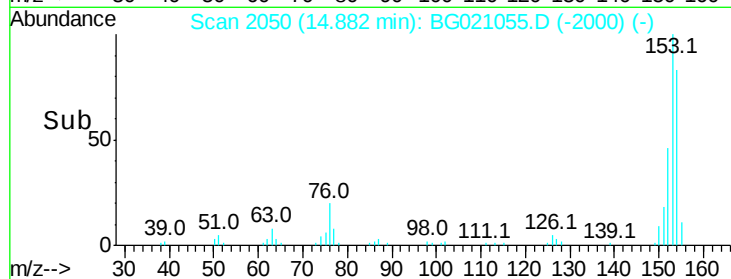
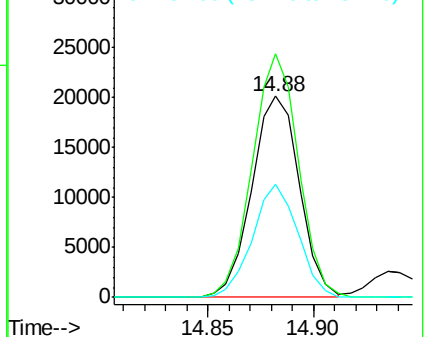
152 56.1 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.10 ng

RT: 14.75 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

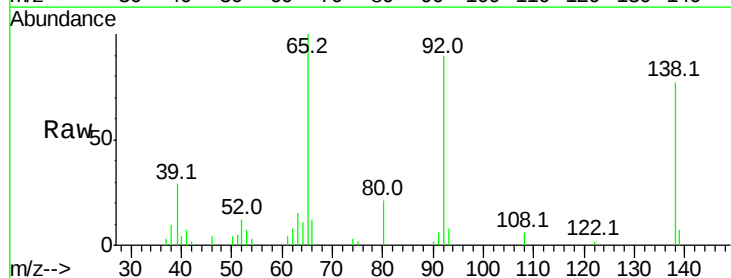
Tgt Ion:138 Resp: 10706

Ion Ratio Lower Upper

138 100

108 8.2 5.8 8.6

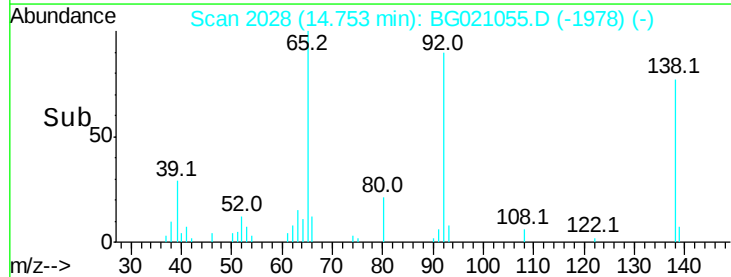
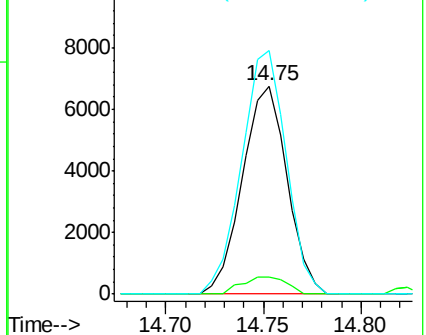
92 117.0 83.6 125.4

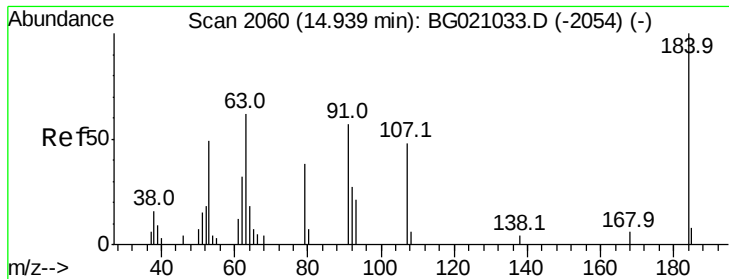


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

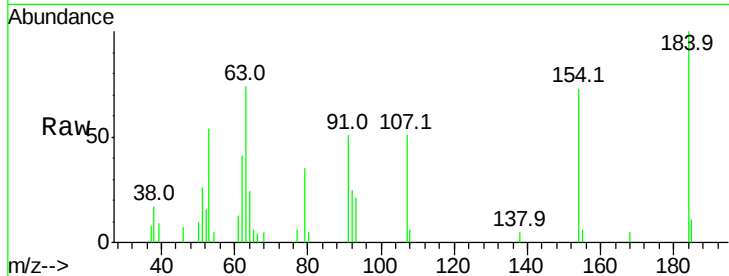




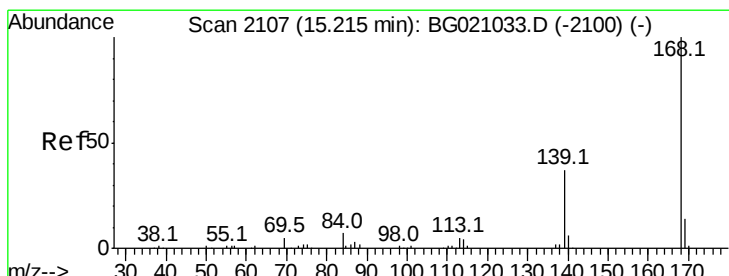
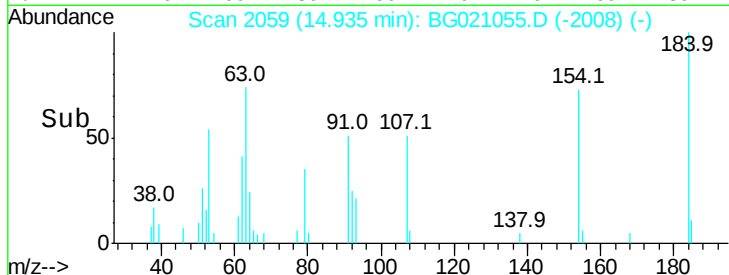
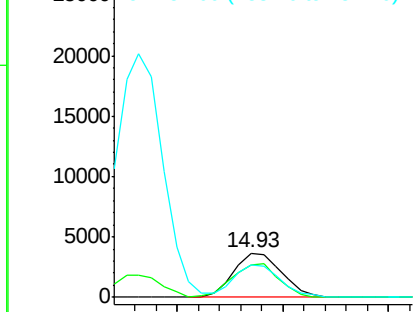
#53
 2,4-Dinitrophenol
 Concen: 47.07 ng
 RT: 14.93 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 5758
 Ion Ratio Lower Upper
 184 100
 63 73.8 57.0 85.6
 154 72.5 51.3 76.9

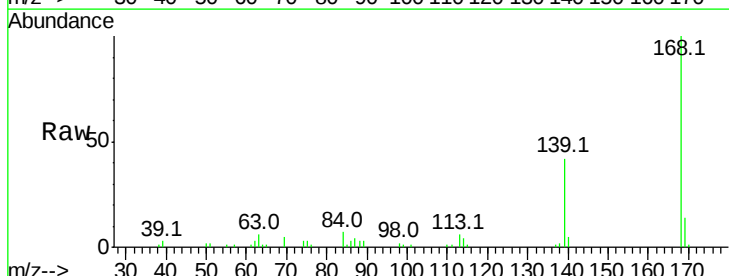


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

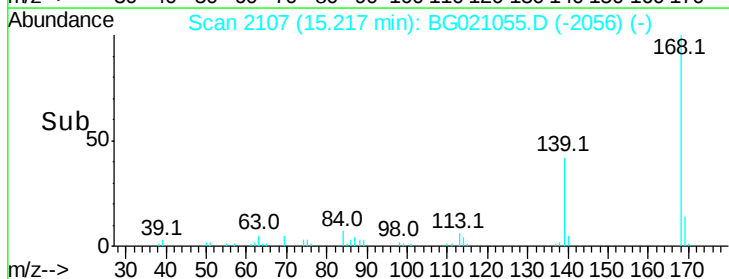
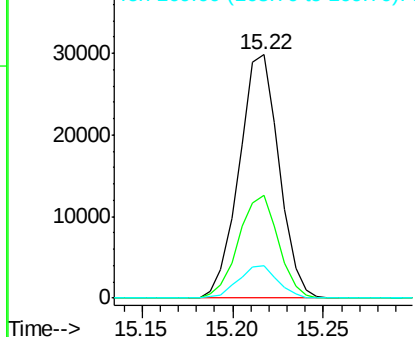


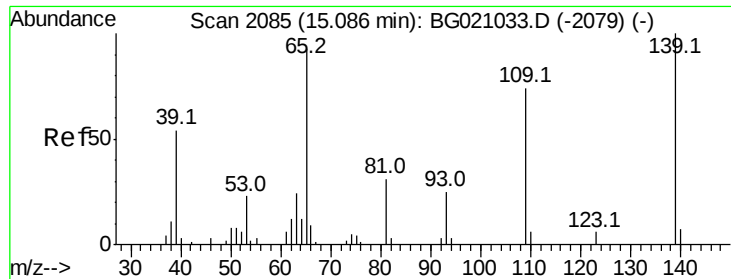
#54
 Dibenzofuran
 Concen: 40.47 ng
 RT: 15.22 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:168 Resp: 45372
 Ion Ratio Lower Upper
 168 100
 139 42.0 29.8 44.8
 169 13.6 11.4 17.2



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





#55

4-Nitrophenol

Concen: 42.55 ng

RT: 15.08 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

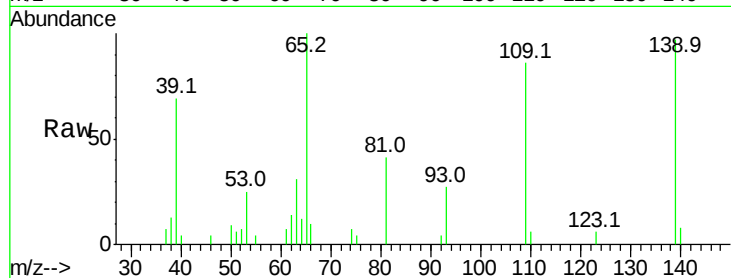
Tot Ion:139 Resp: 8708

Ion Ratio Lower Upper

139 100

109 89.1 54.1 94.1

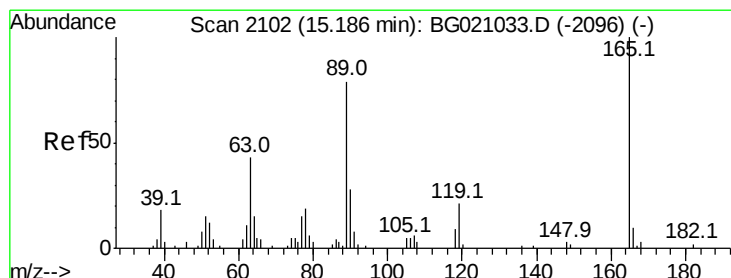
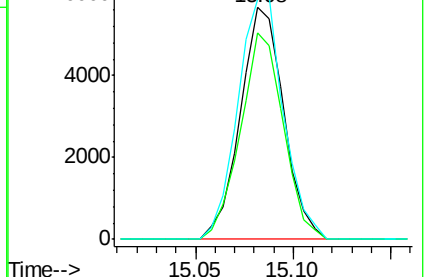
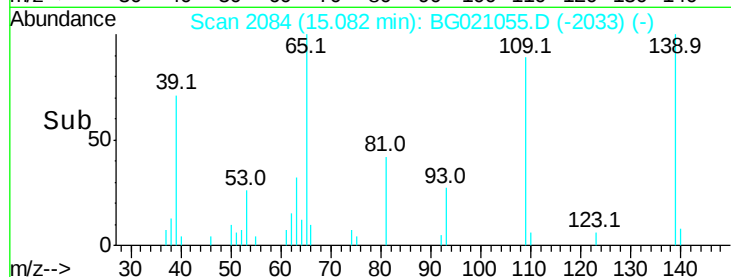
65 103.4 73.4 113.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 42.91 ng

RT: 15.18 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Tgt Ion:165 Resp: 12737

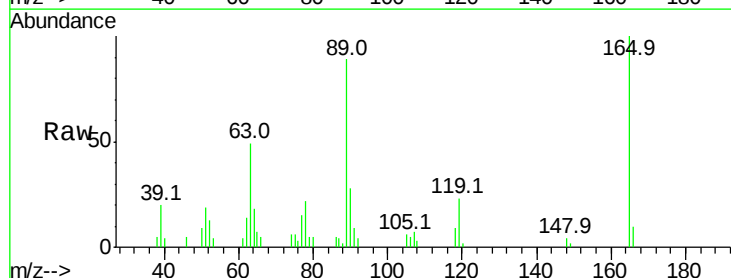
Ion Ratio Lower Upper

165 100

63 49.1 34.1 51.1

89 88.8 63.0 94.4

182 0.0 1.4 2.2#

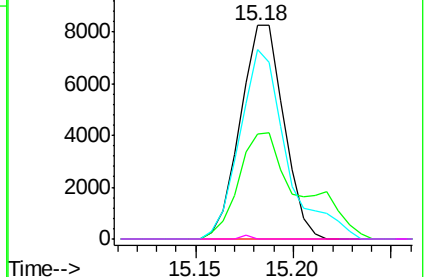
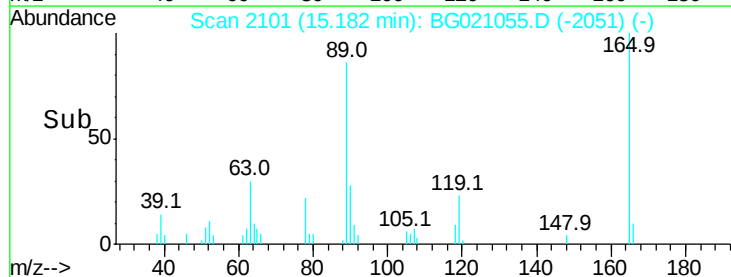


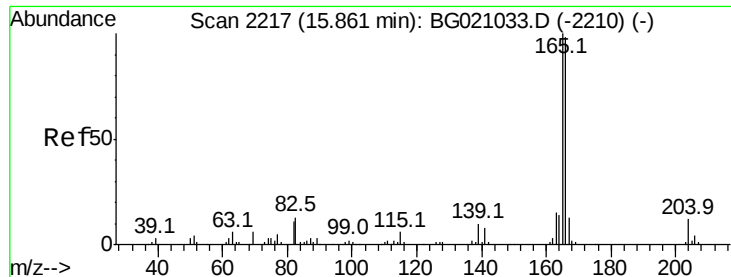
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.64 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

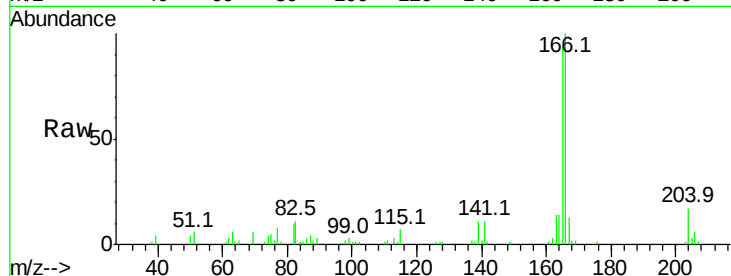
Tot Ion:166 Resp: 43054

Ion Ratio Lower Upper

166 100

165 94.1 81.3 121.9

167 13.1 10.6 16.0

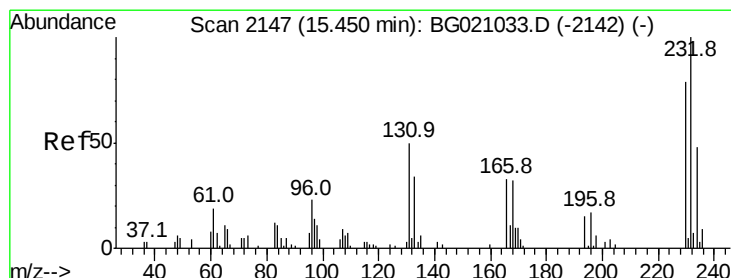
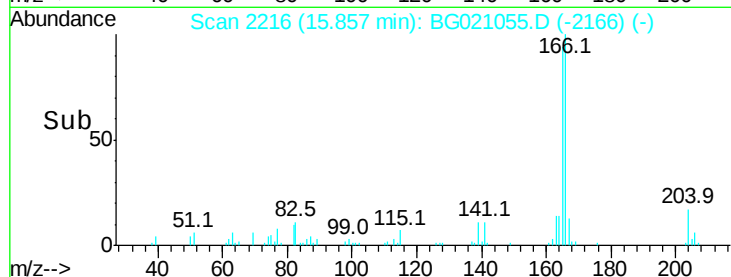
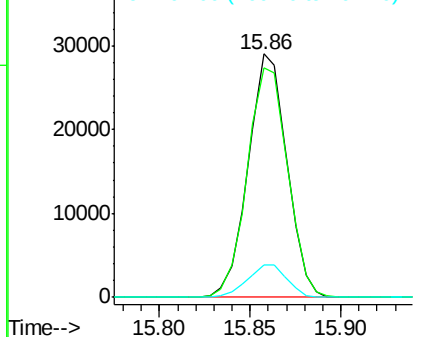


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.51 ng

RT: 15.45 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Tgt Ion:232 Resp: 9289

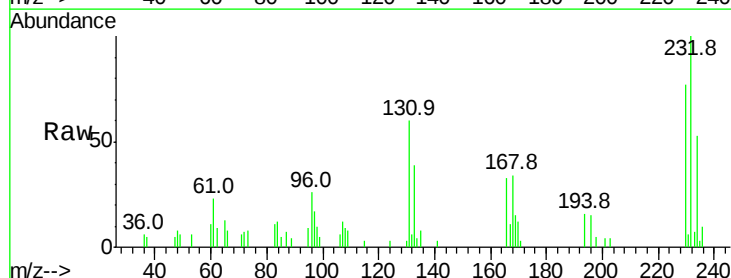
Ion Ratio Lower Upper

232 100

131 56.2 41.4 62.2

130 2.0 1.8 2.8

166 32.7 26.6 39.8



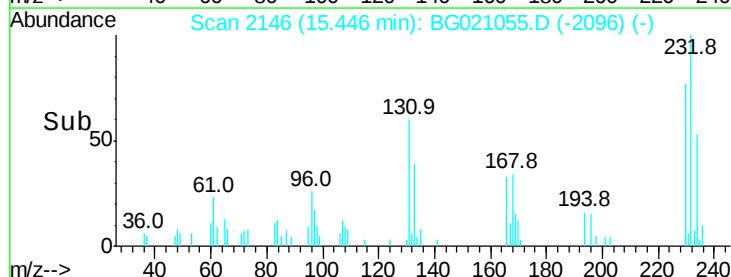
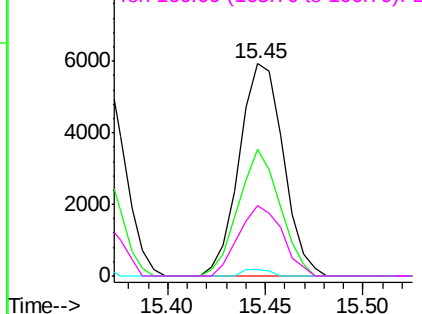
Abundance

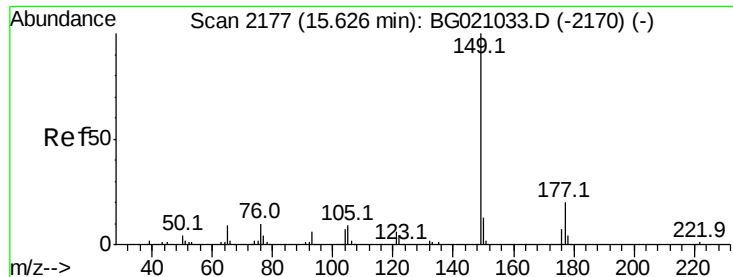
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

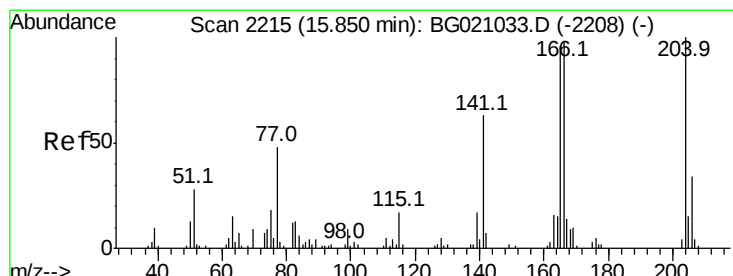
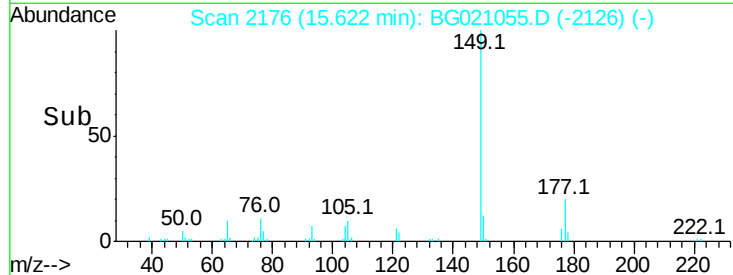
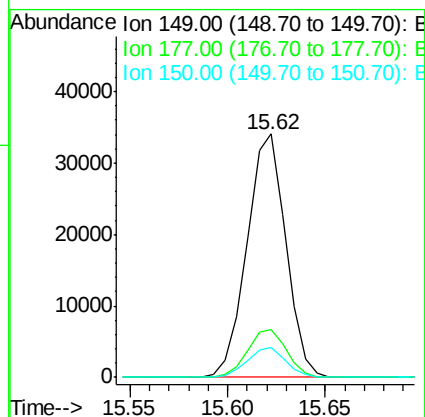
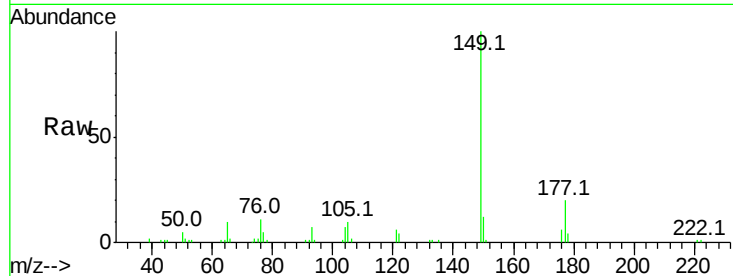




#59
Diethylphthalate
Concen: 42.32 ng
RT: 15.62 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

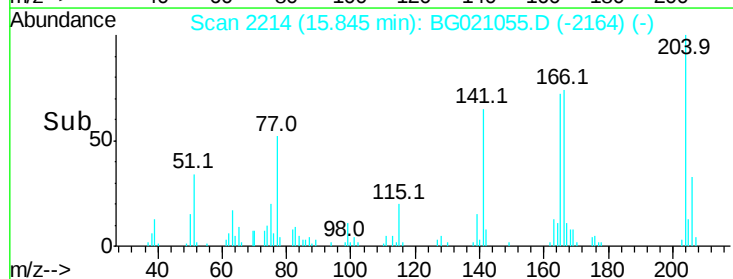
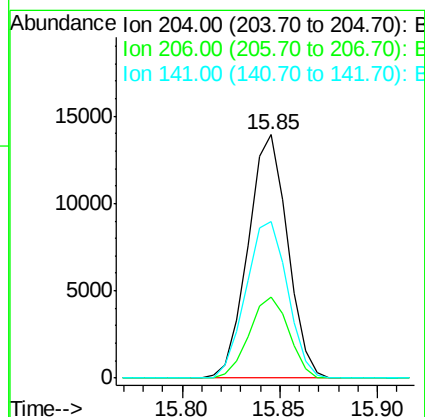
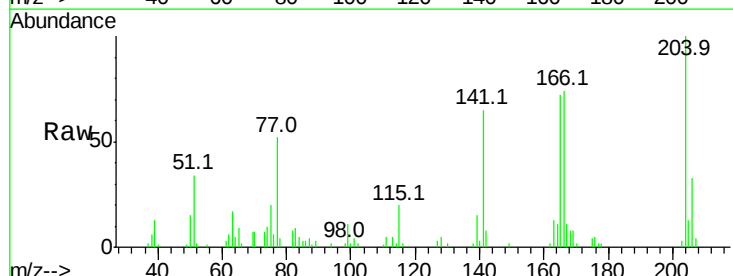
Instrument :
BNA_G
ClientSampleId :

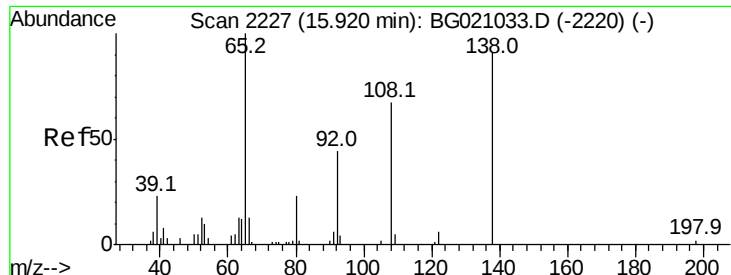
Tot Ion:149 Resp: 46815
Ion Ratio Lower Upper
149 100
177 19.8 15.8 23.8
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.97 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion:204 Resp: 19522
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 64.6 50.8 76.2

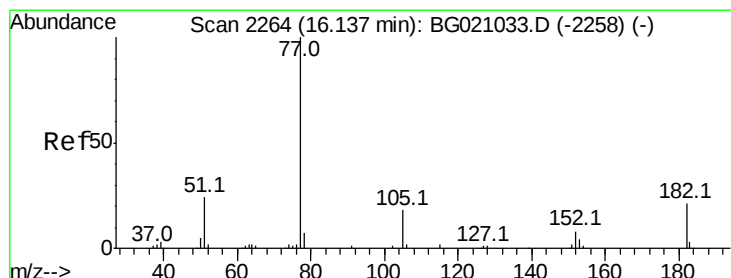
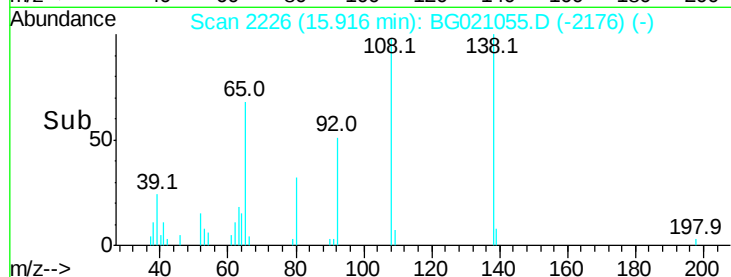
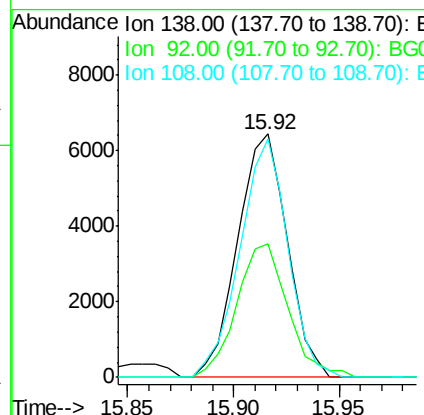
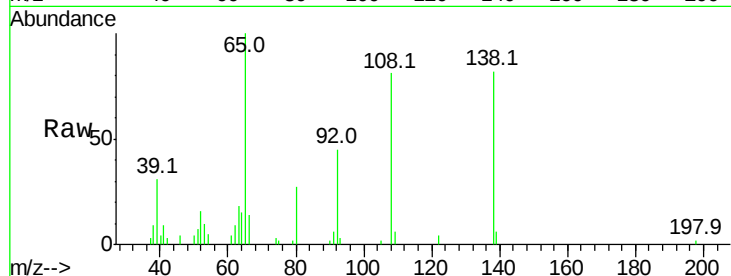




#61
4-Nitroaniline
Concen: 42.17 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

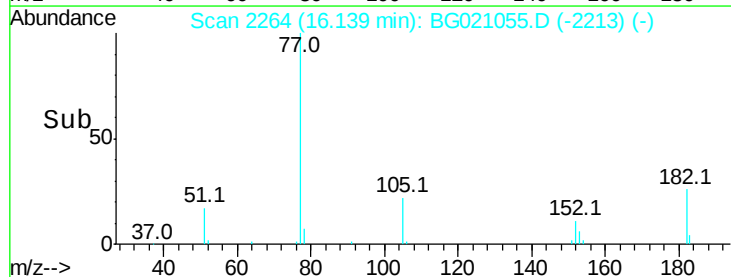
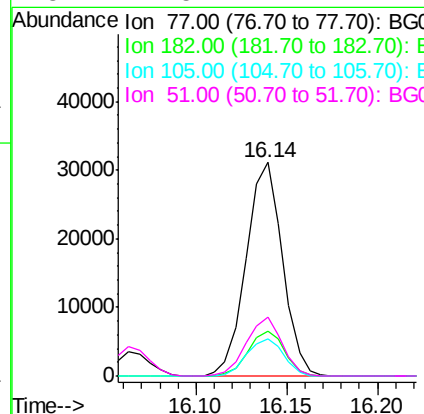
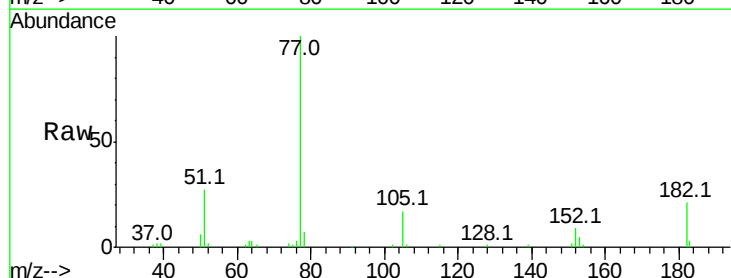
Instrument :
BNA_G
ClientSampled :

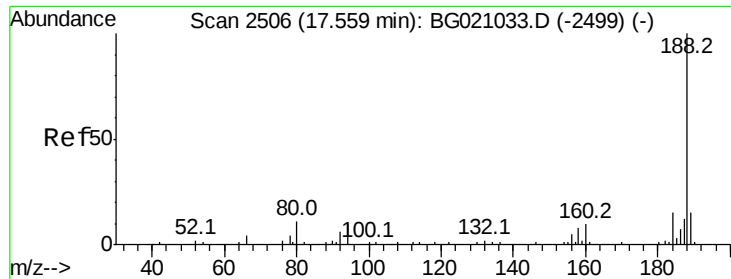
Tot Ion:138 Resp: 10481
Ion Ratio Lower Upper
138 100
92 54.8 28.0 68.0
108 98.2 52.6 92.6#



#62
Azobenzene
Concen: 45.09 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion: 77 Resp: 43234
Ion Ratio Lower Upper
77 100
182 20.8 0.7 40.7
105 17.1 0.0 38.3
51 27.5 4.4 44.4

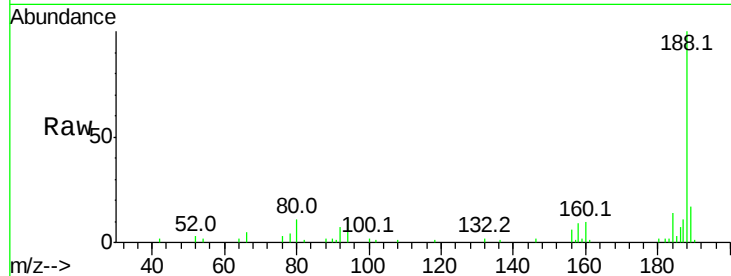




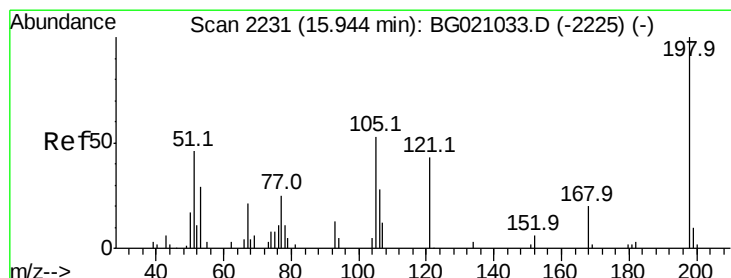
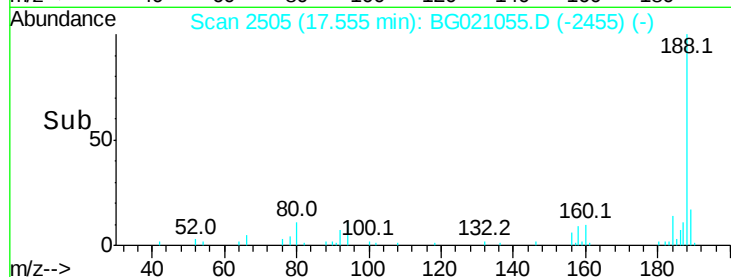
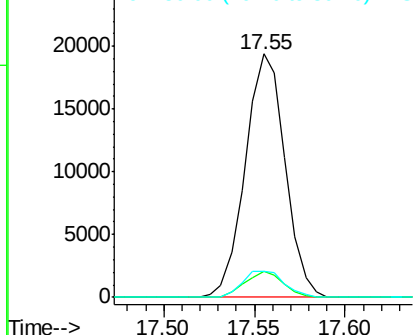
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.4
80	10.7	9.2	13.8

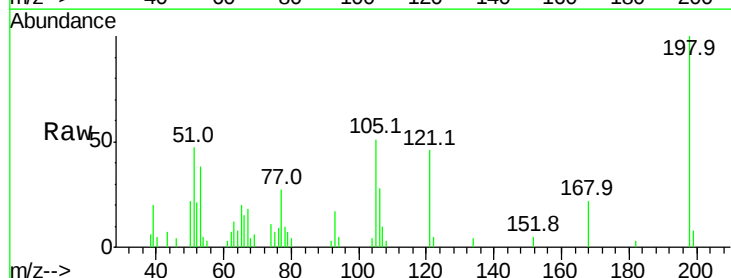


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

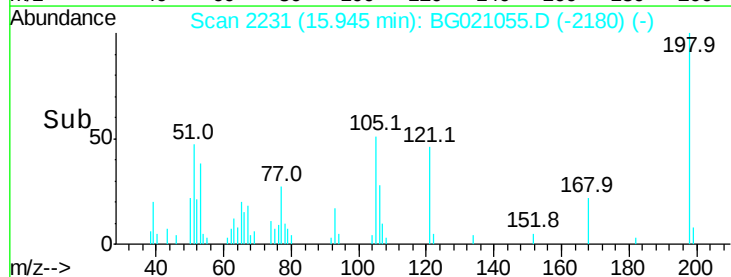
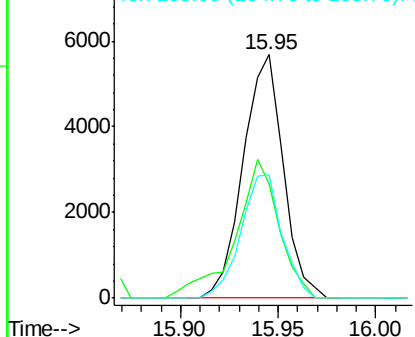


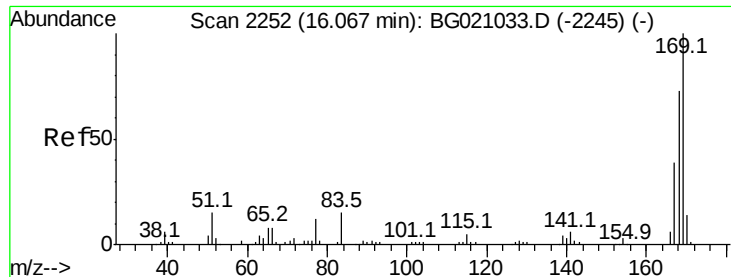
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.96 ng
 RT: 15.95 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.8	30.4	70.4
105	50.6	32.8	72.8



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

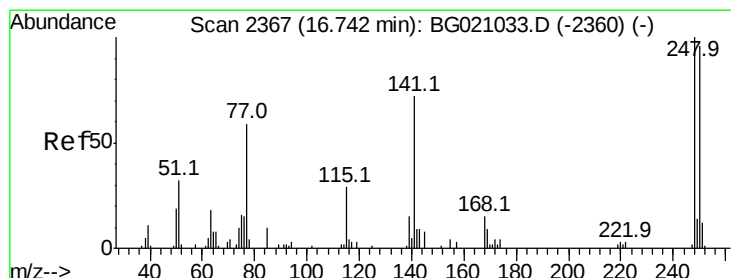
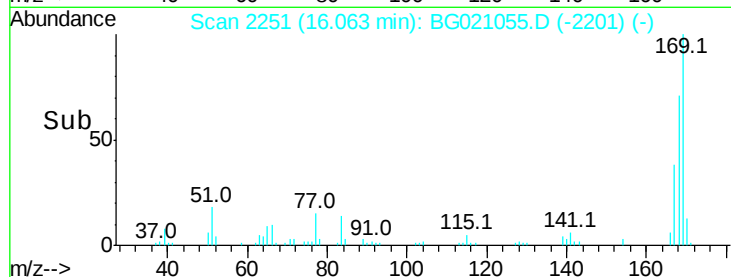
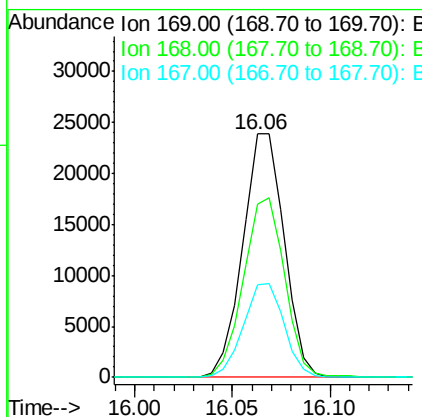
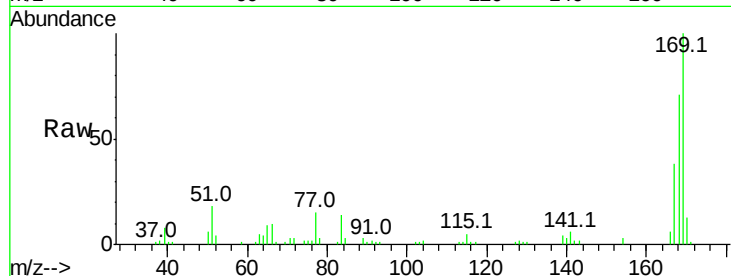




#65
n-Nitrosodiphenylamine
Concen: 39.34 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

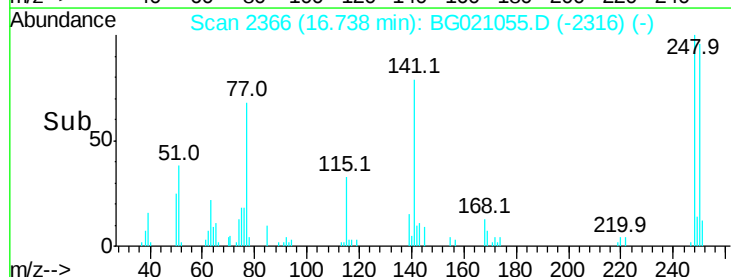
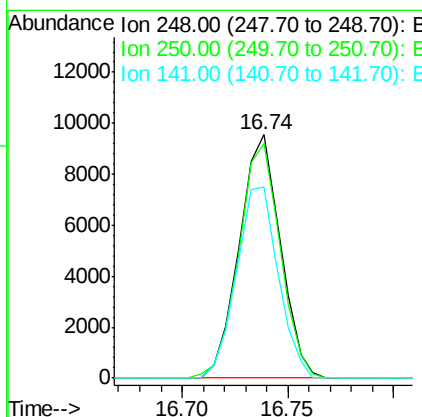
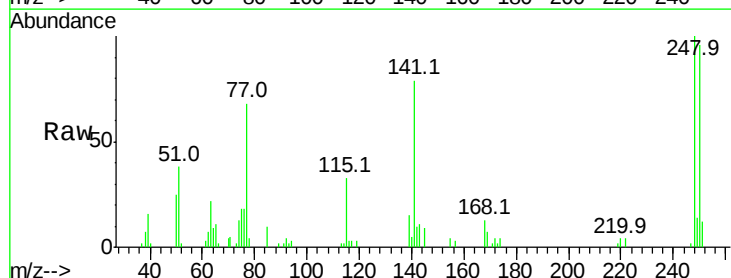
Instrument :
BNA_G
ClientSampleId :

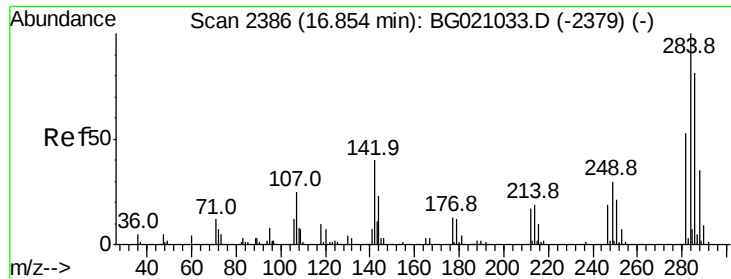
Tot Ion:169 Resp: 35133
Ion Ratio Lower Upper
169 100
168 71.3 58.2 87.2
167 38.1 31.0 46.6



#66
4-Bromophenyl-phenylether
Concen: 41.30 ng
RT: 16.74 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion:248 Resp: 12890
Ion Ratio Lower Upper
248 100
250 96.2 76.4 114.6
141 78.6 57.4 86.0





#67

Hexachlorobenzene

Concen: 41.55 ng

RT: 16.86 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampled :

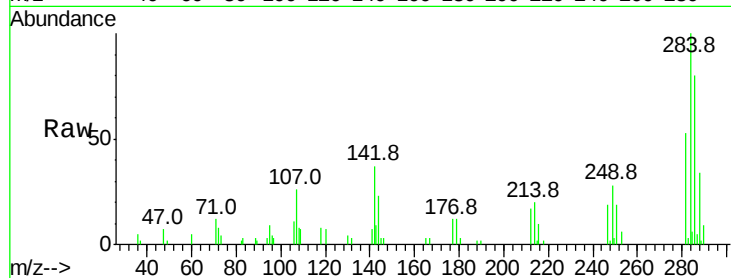
Tot Ion:284 Resp: 14199

Ion Ratio Lower Upper

284 100

142 36.5 32.1 48.1

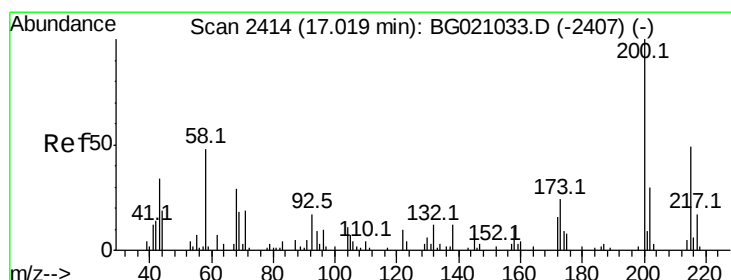
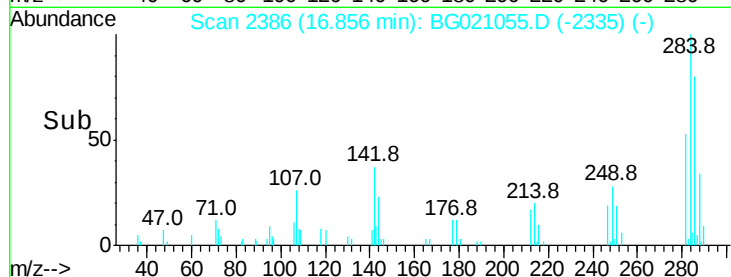
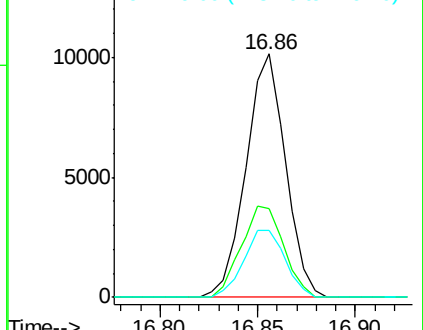
249 27.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.06 ng

RT: 17.01 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

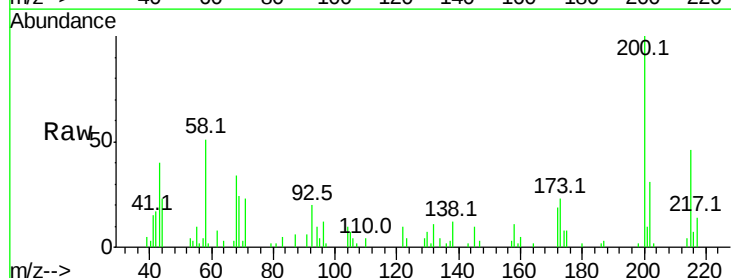
Tgt Ion:200 Resp: 12335

Ion Ratio Lower Upper

200 100

173 22.6 3.9 43.9

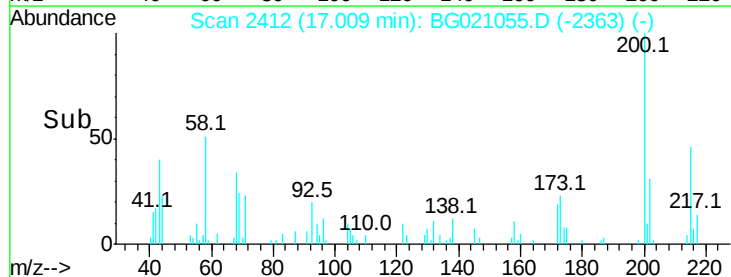
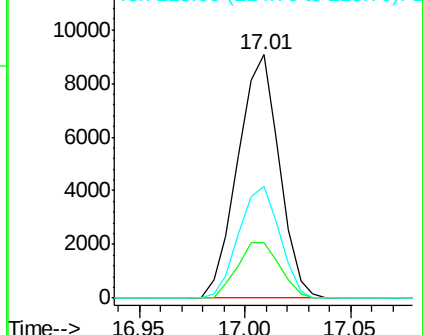
215 46.2 29.0 69.0

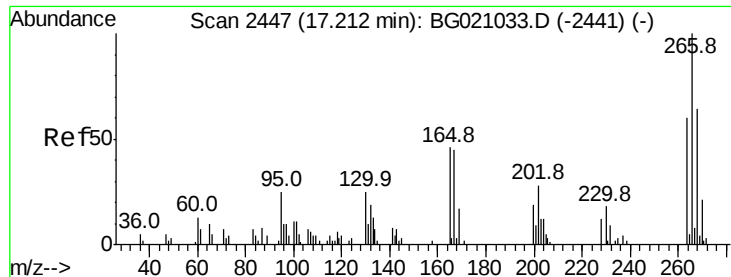


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

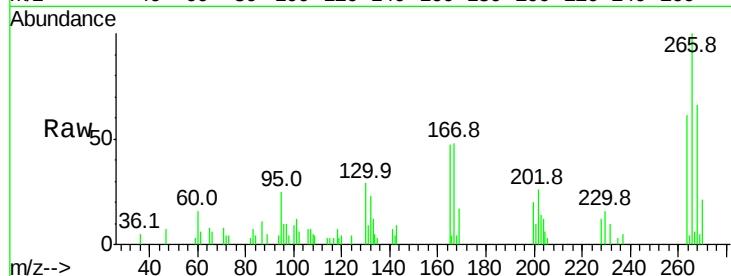




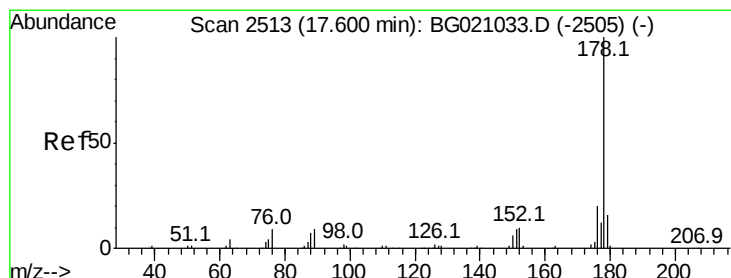
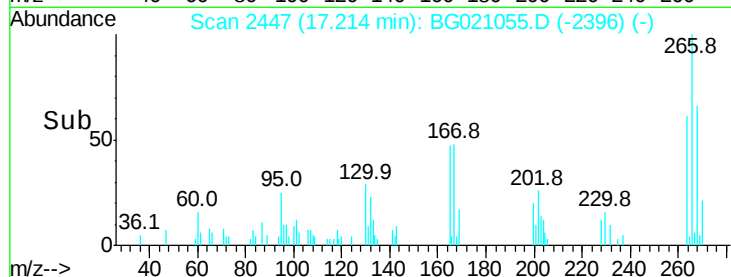
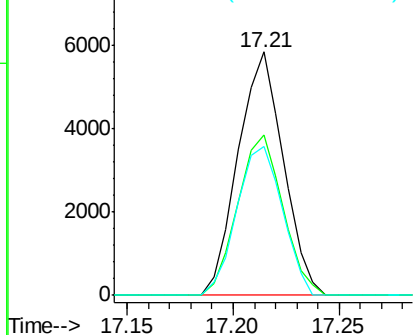
#69
 Pentachlorophenol
 Concen: 43.95 ng
 RT: 17.21 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 8667
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.0 76.6
 264 61.0 47.8 71.8

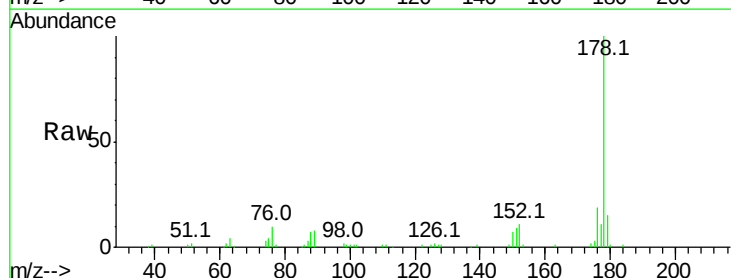


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

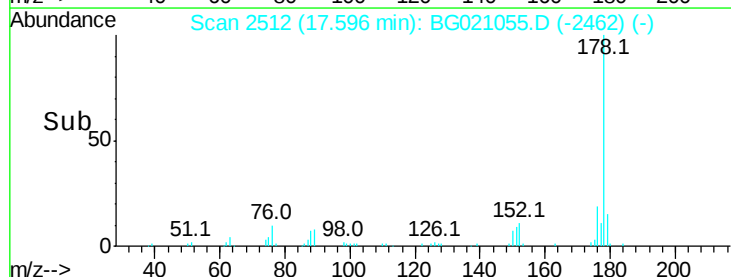
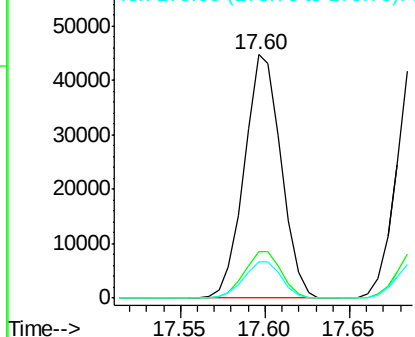


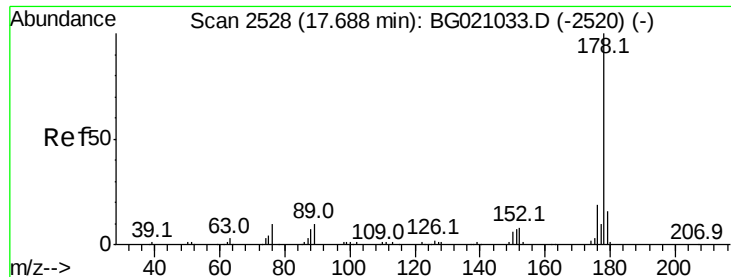
#70
 Phenanthrene
 Concen: 40.20 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:178 Resp: 67466
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.0 12.9 19.3



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





#71

Anthracene

Concen: 40.66 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

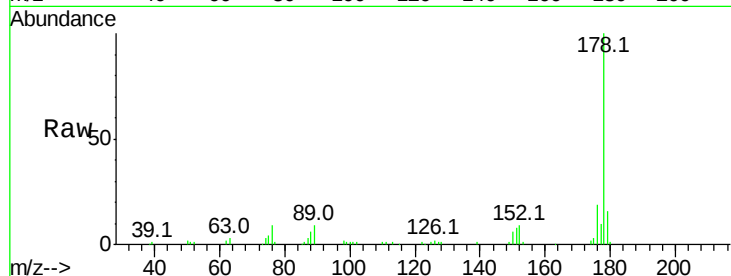
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 67994

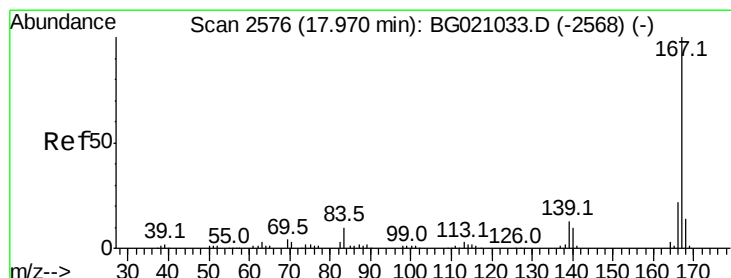
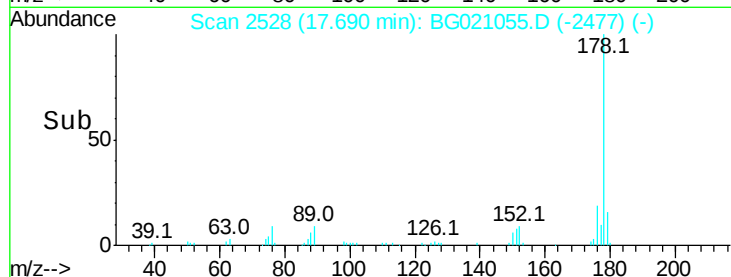
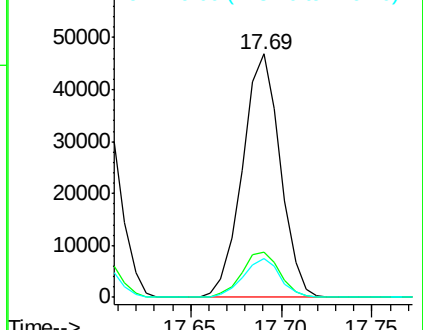
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	16.0	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.08 ng

RT: 17.97 min Scan# 2575

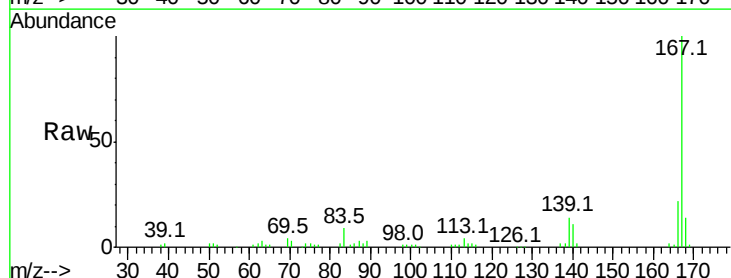
Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Tgt Ion:167 Resp: 61898

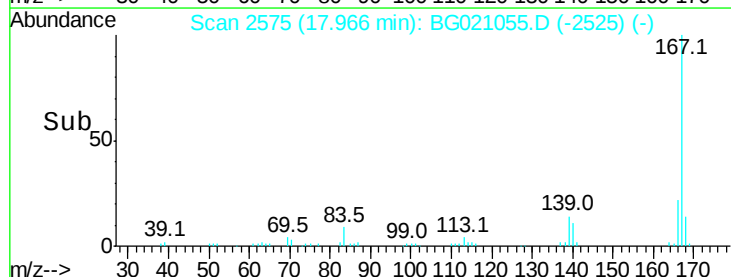
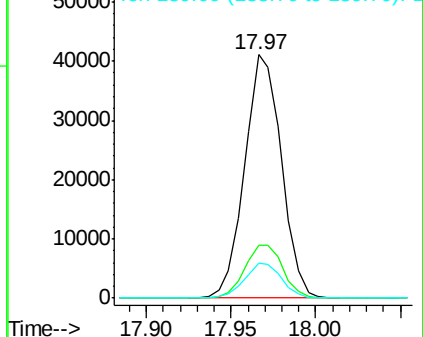
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	14.3	10.3	15.5

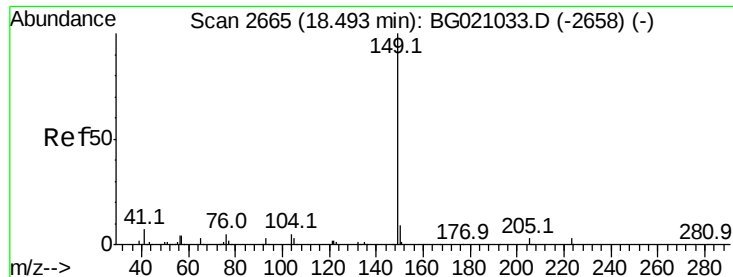


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

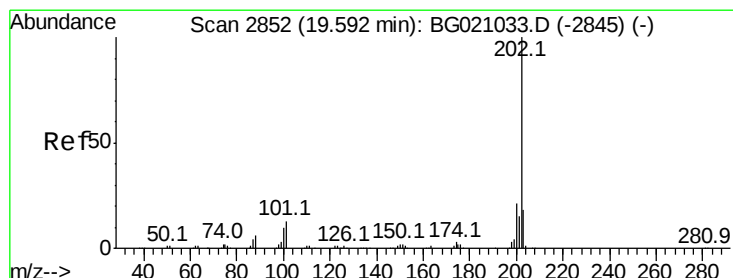
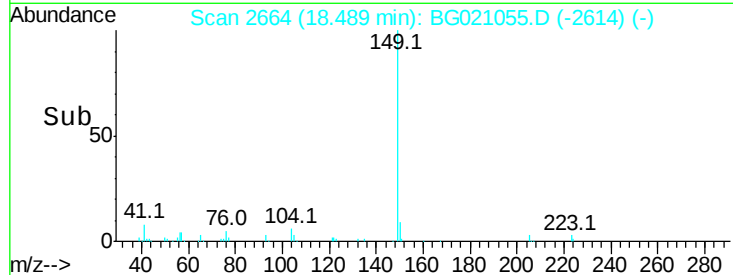
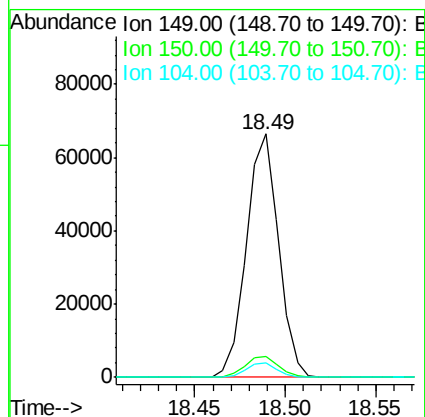
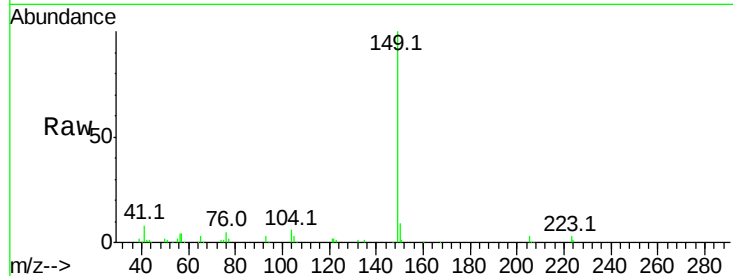




#73
Di-n-butylphthalate
Concen: 44.44 ng
RT: 18.49 min Scan# 2664
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

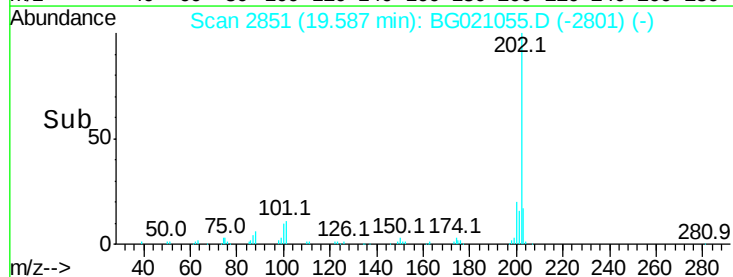
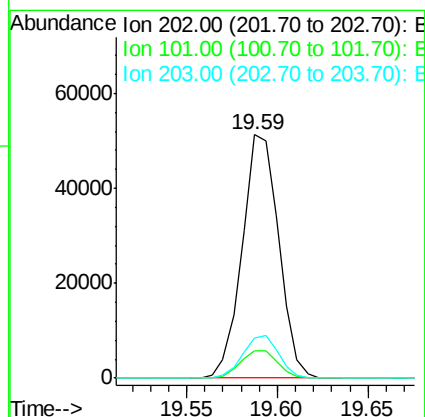
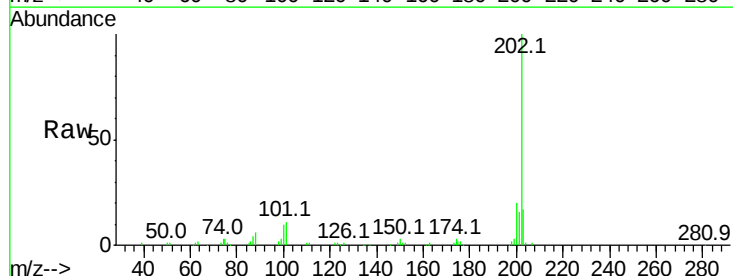
Instrument :
BNA_G
ClientSampleID :

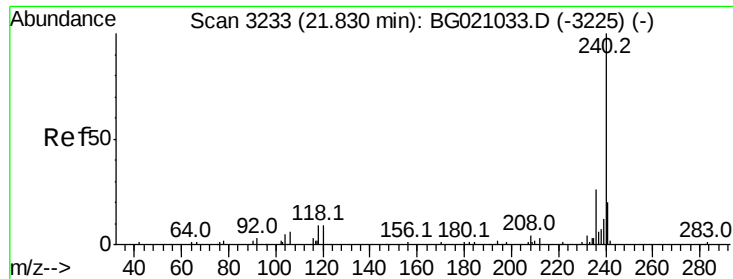
Tot Ion:149 Resp: 81585
Ion Ratio Lower Upper
149 100
150 8.6 7.6 11.4
104 5.8 4.1 6.1



#74
Fluoranthene
Concen: 42.80 ng
RT: 19.59 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG021055.D
Acq: 24 Feb 2016 17:12

Tgt Ion:202 Resp: 72225
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.5
203 16.7 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

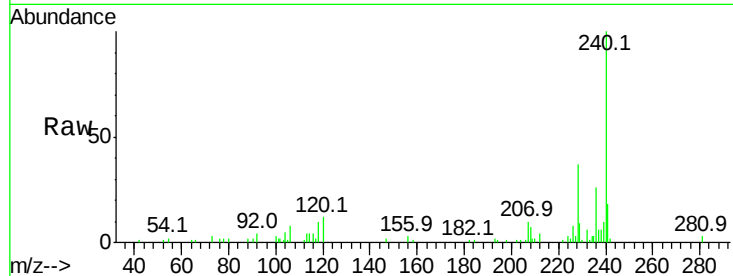
Tot Ion:240 Resp: 22328

Ion Ratio Lower Upper

240 100

120 12.4 7.5 11.3#

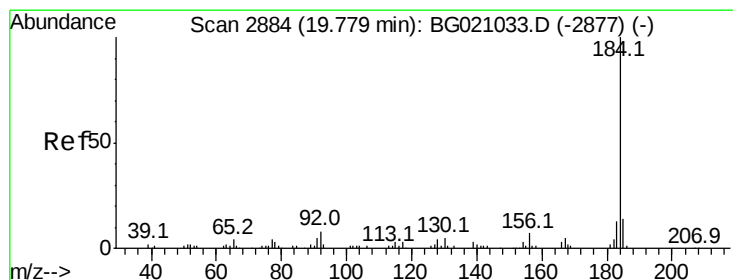
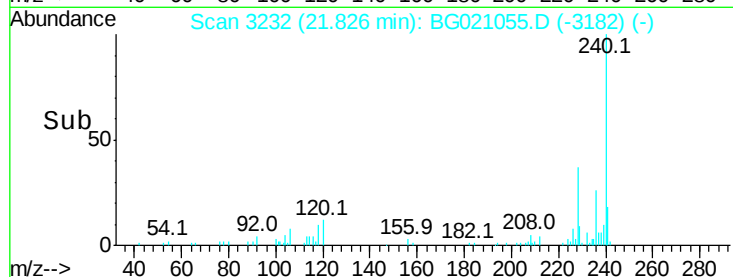
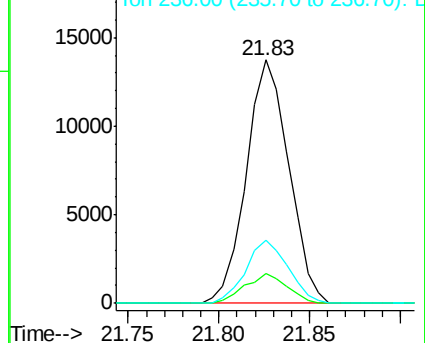
236 26.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.70 ng

RT: 19.78 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

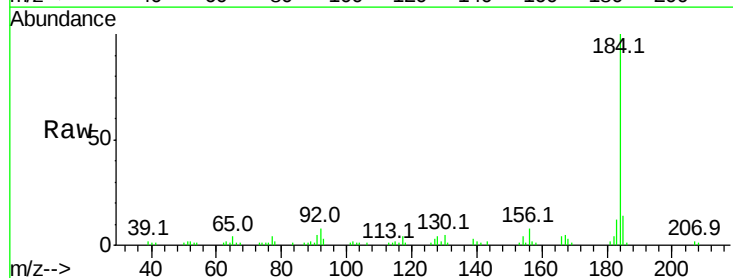
Tgt Ion:184 Resp: 39418

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

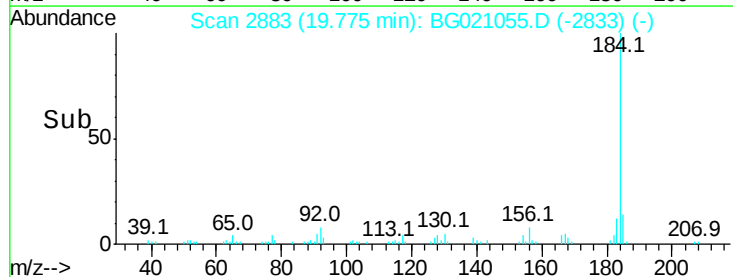
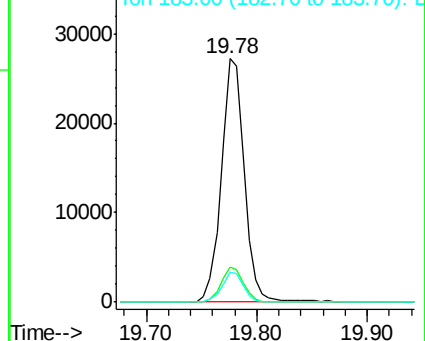
183 12.3 10.1 15.1

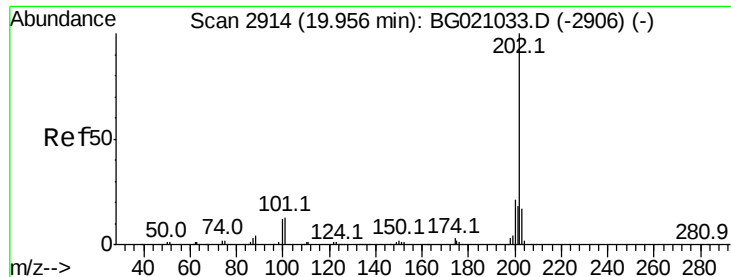


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.25 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

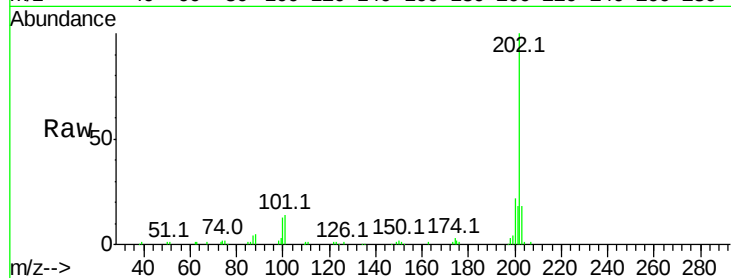
Tot Ion:202 Resp: 69514

Ion Ratio Lower Upper

202 100

200 21.8 16.6 25.0

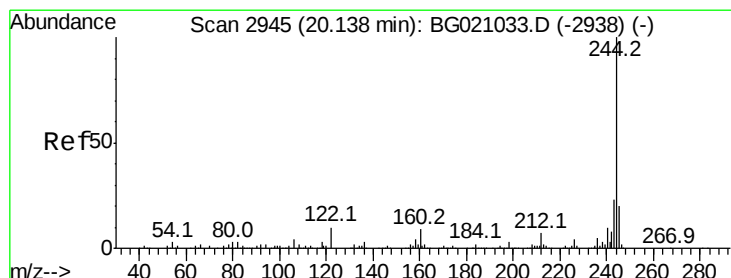
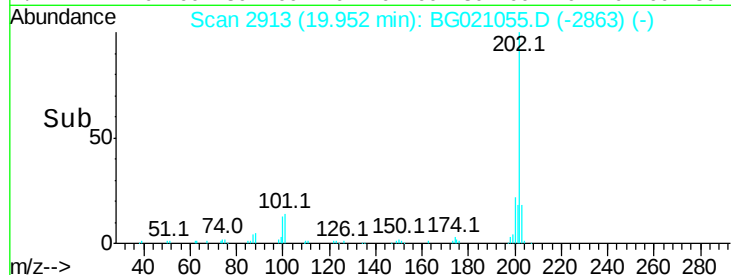
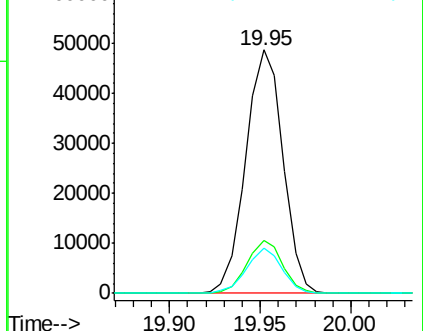
203 18.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.21 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

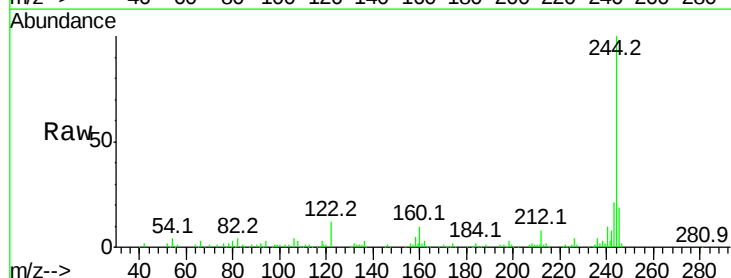
Tgt Ion:244 Resp: 98440

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

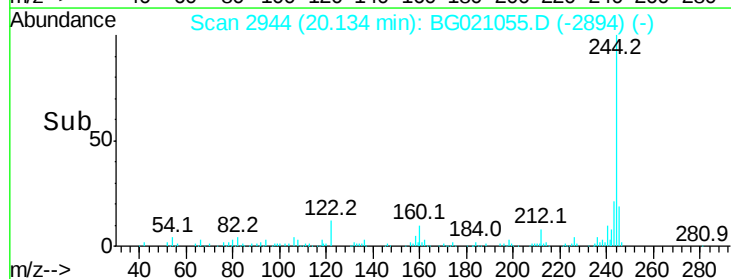
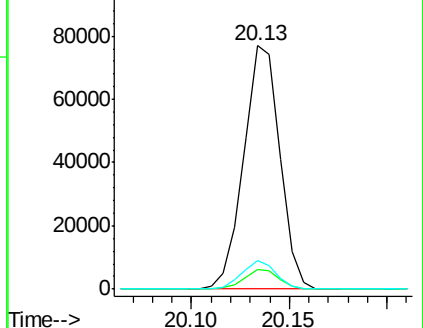
122 11.7 8.3 12.5

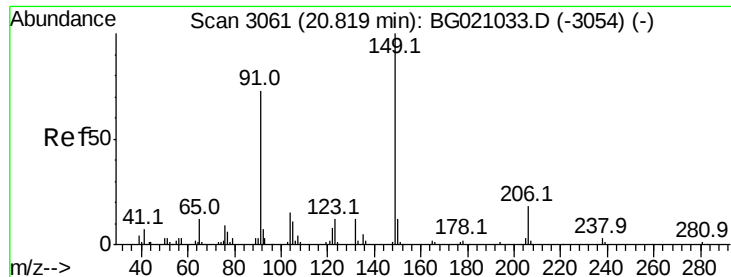


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

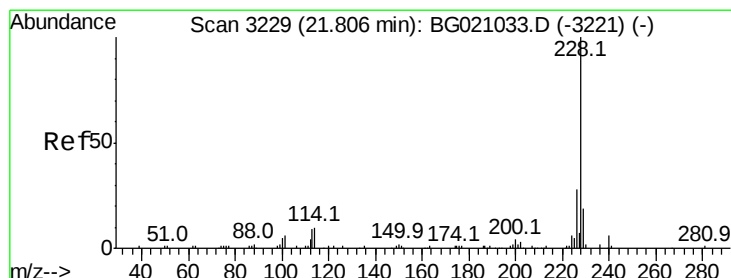
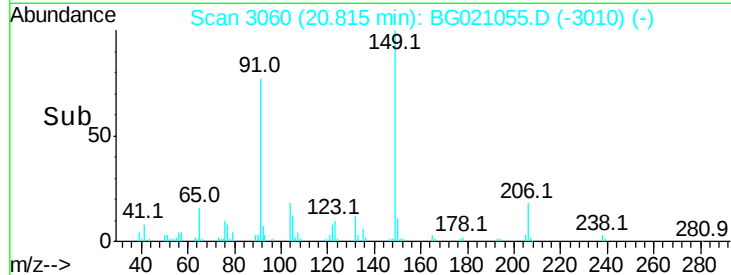
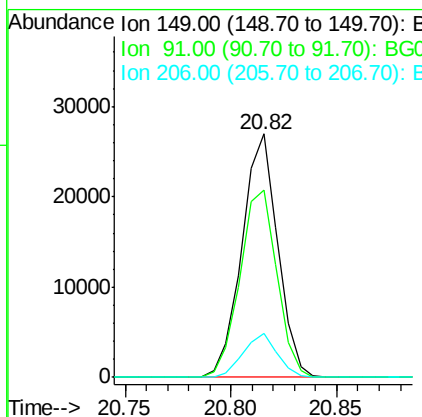
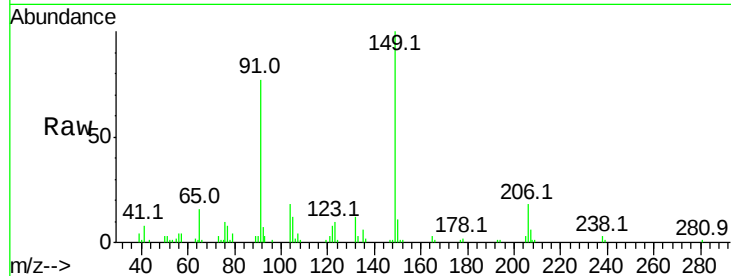




#79
 Butylbenzylphthalate
 Concen: 35.28 ng
 RT: 20.82 min Scan# 3060
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

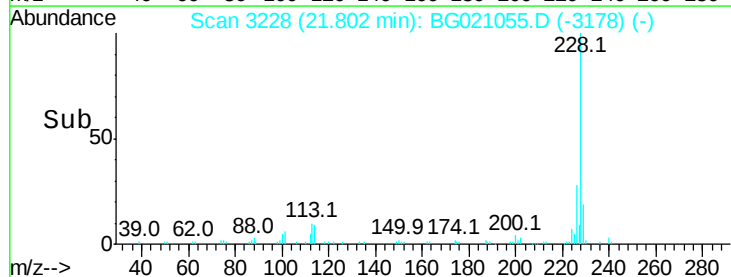
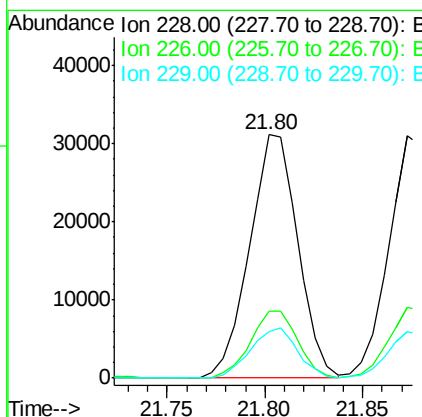
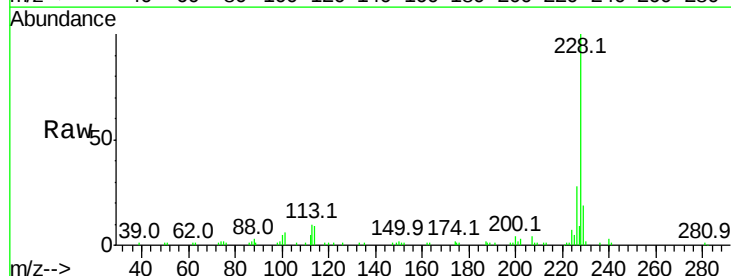
Instrument :
 BNA_G
 ClientSampleId :

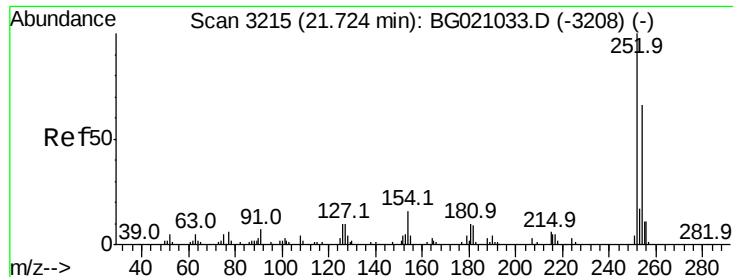
Tot Ion:149 Resp: 31741
 Ion Ratio Lower Upper
 149 100
 91 76.9 58.6 87.8
 206 17.8 14.2 21.4



#80
 Benzo(a)anthracene
 Concen: 39.81 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:228 Resp: 53307
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.7 34.1
 229 19.2 15.5 23.3

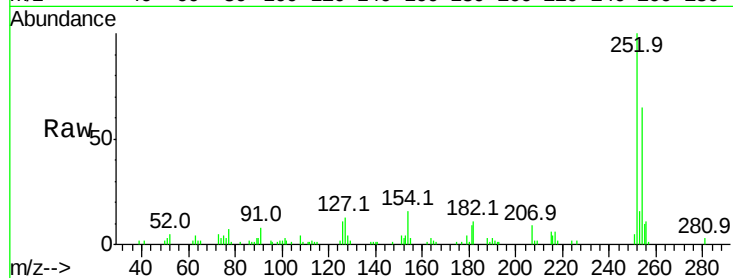




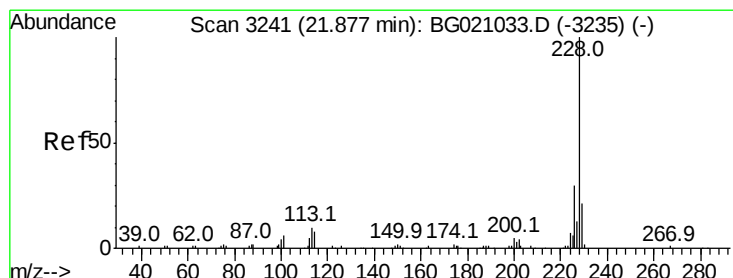
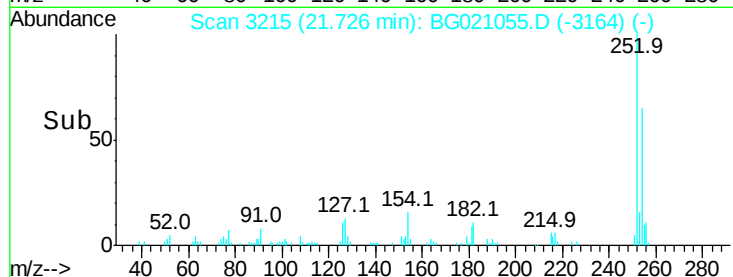
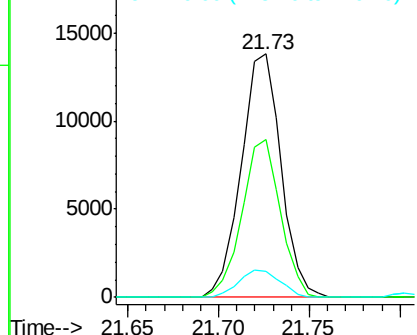
#81
 3,3'-Dichlorobenzidine
 Concen: 42.42 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 20972
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.6 79.0
 126 10.9 8.3 12.5

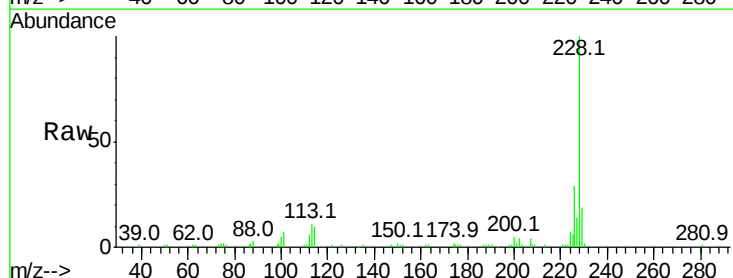


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

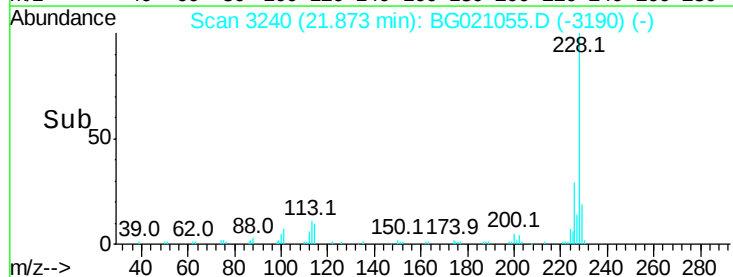
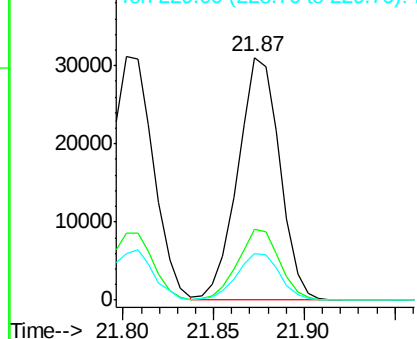


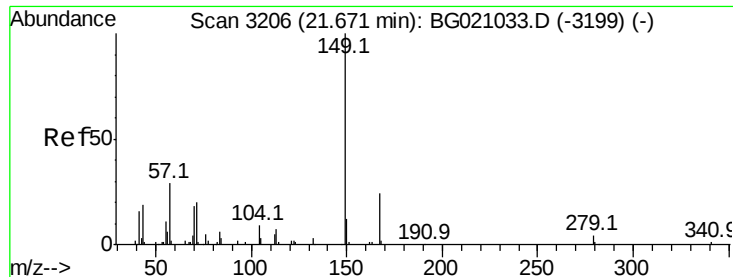
#82
 Chrysene
 Concen: 39.83 ng
 RT: 21.87 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: BG021055.D
 Acq: 24 Feb 2016 17:12

Tgt Ion:228 Resp: 49760
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.7 35.5
 229 19.0 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.03 ng

RT: 21.67 min Scan# 3205

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

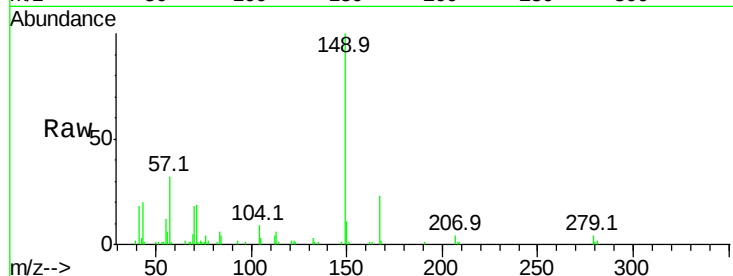
Tot Ion:149 Resp: 40287

Ion Ratio Lower Upper

149 100

167 23.5 18.9 28.3

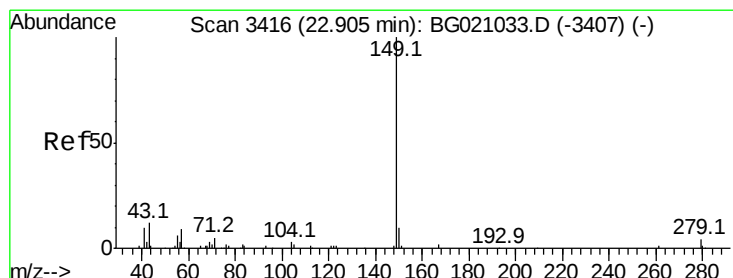
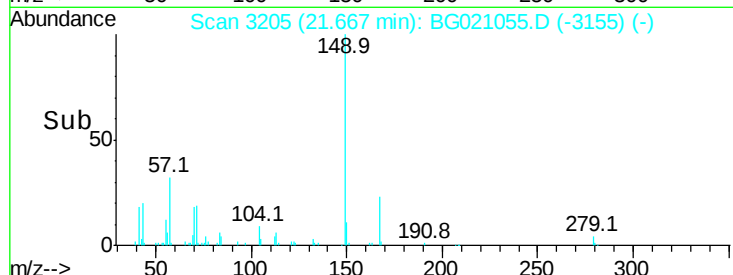
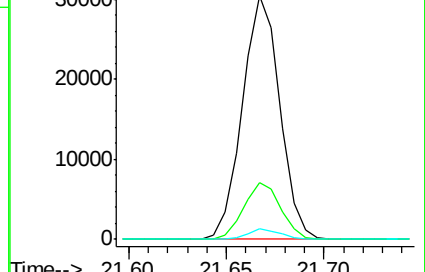
279 4.4 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.14 ng

RT: 22.90 min Scan# 3415

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

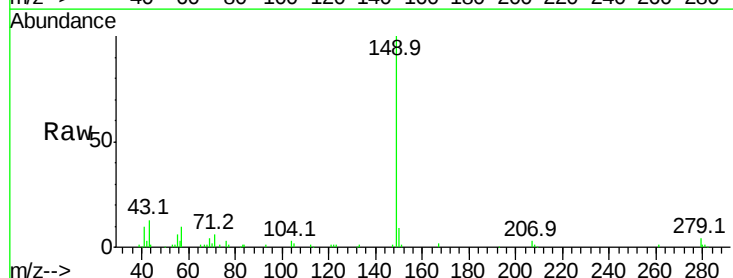
Tgt Ion:149 Resp: 63079

Ion Ratio Lower Upper

149 100

167 1.2 1.1 1.7

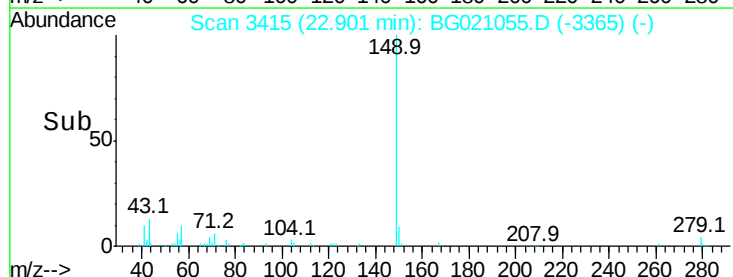
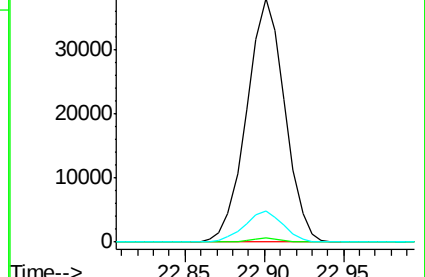
43 13.0 9.8 14.8

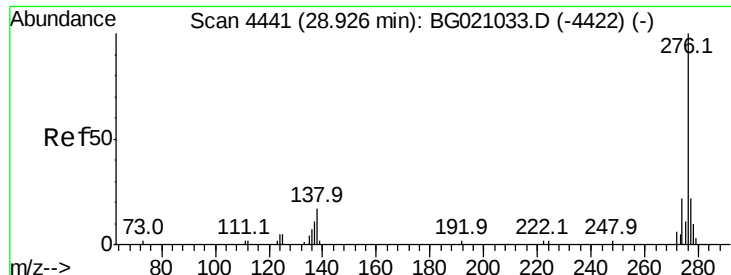


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.00 ng

RT: 28.93 min Scan# 4442

Delta R.T. 0.01 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampled :

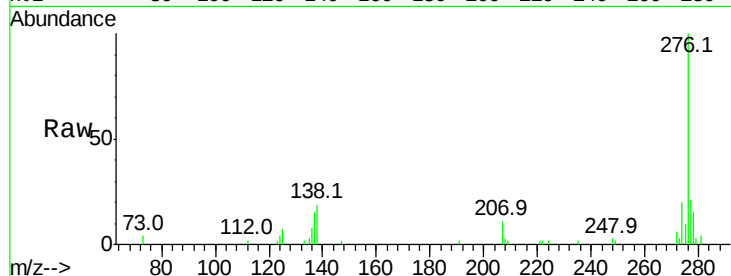
Tot Ion:276 Resp: 53926

Ion Ratio Lower Upper

276 100

138 22.1 0.0 0.0#

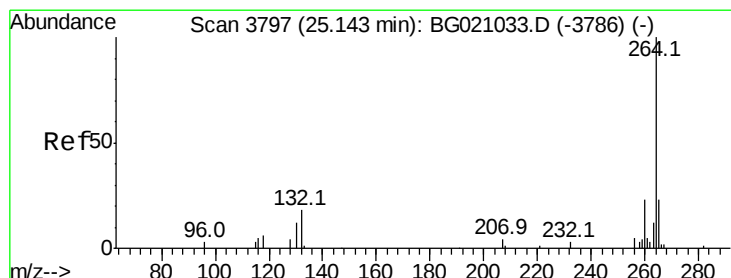
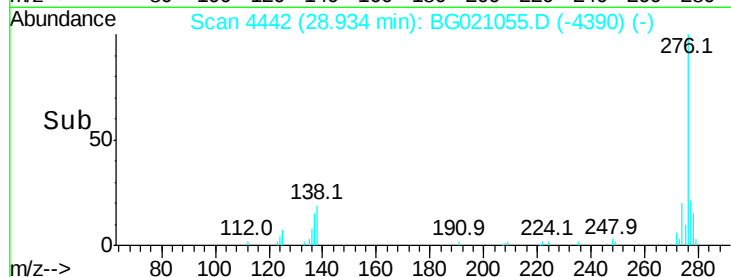
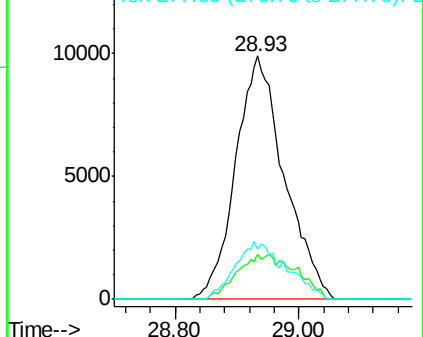
277 24.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.14 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

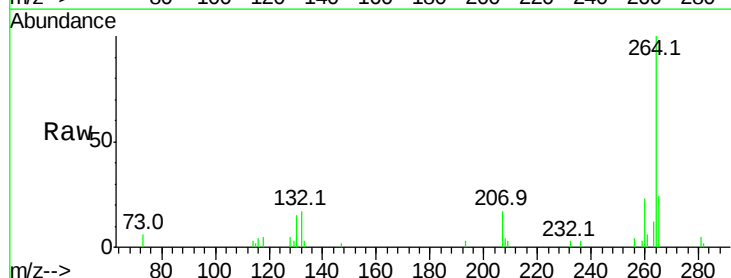
Tgt Ion:264 Resp: 20227

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

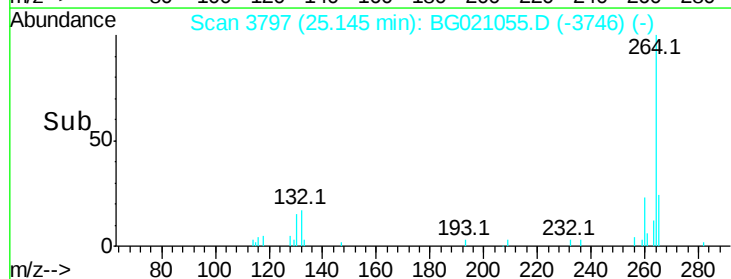
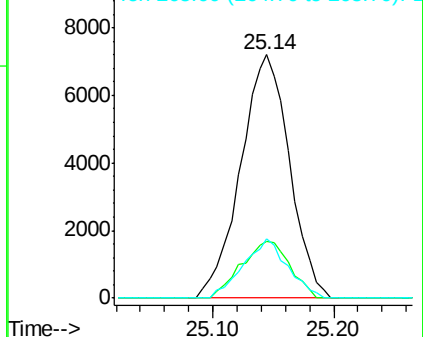
265 24.3 18.6 28.0

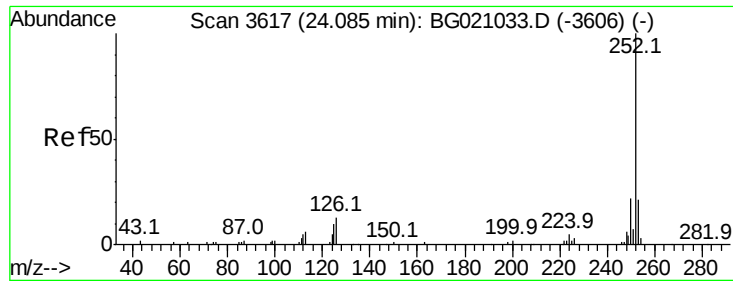


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.85 ng

RT: 24.09 min Scan# 3617

Delta R.T. 0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

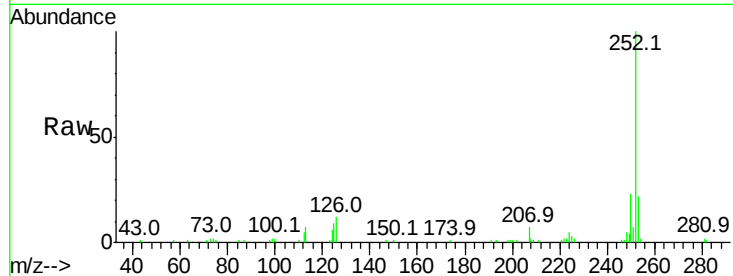
Tot Ion:252 Resp: 50480

Ion Ratio Lower Upper

252 100

253 22.2 16.8 25.2

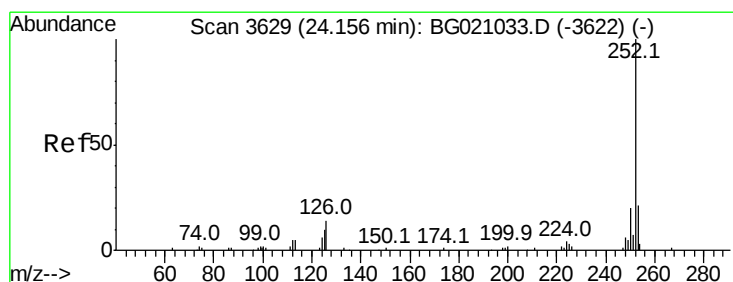
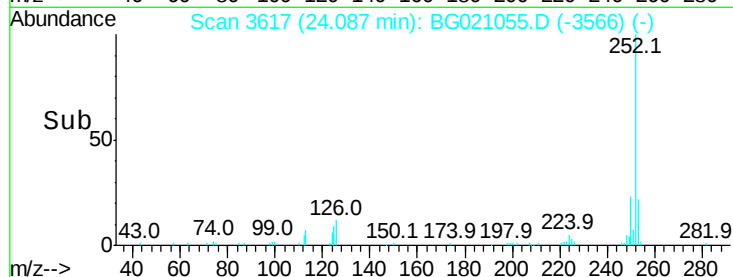
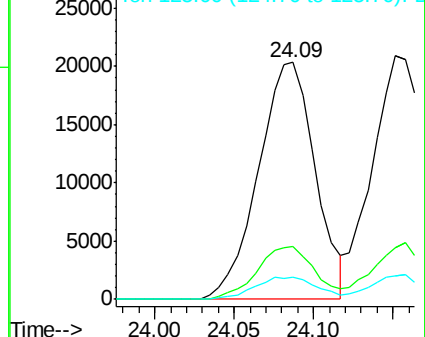
125 9.4 8.2 12.2



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: 38.81 ng

RT: 24.15 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

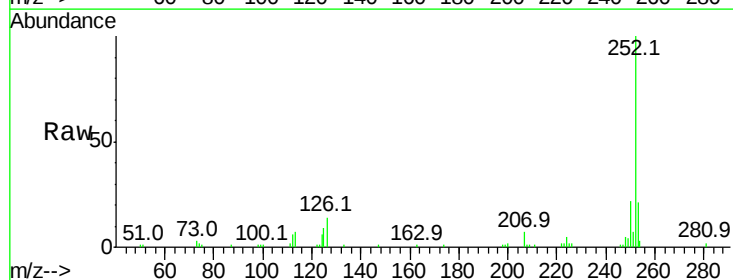
Tgt Ion:252 Resp: 48831

Ion Ratio Lower Upper

252 100

253 21.3 16.4 24.6

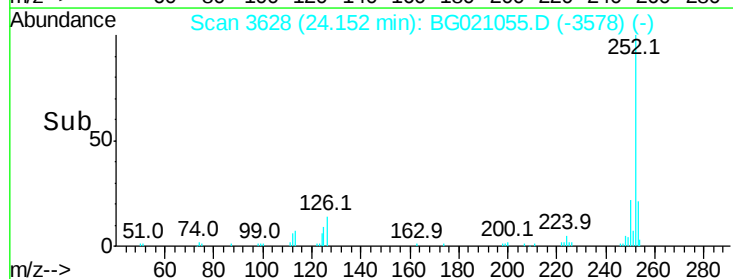
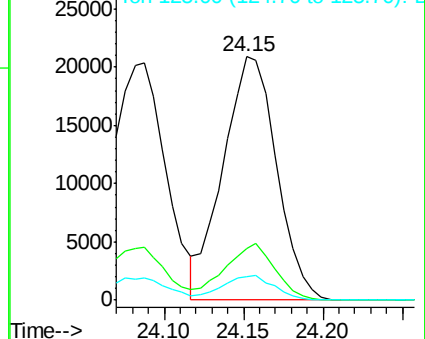
125 9.5 8.2 12.2

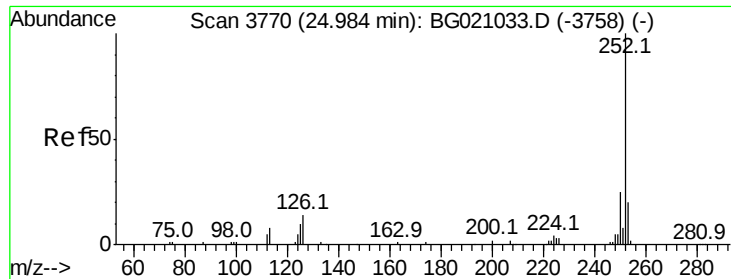


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.16 ng

RT: 24.99 min Scan# 3770

Delta R.T. 0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

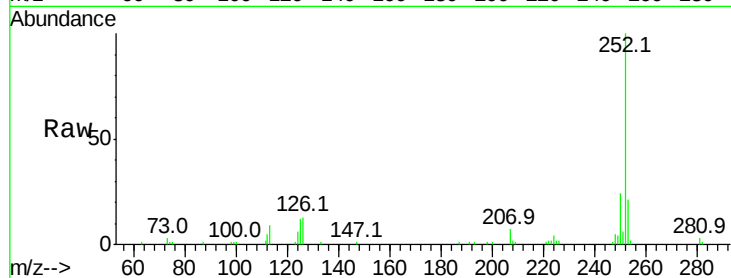
Tot Ion:252 Resp: 47990

Ion Ratio Lower Upper

252 100

253 21.0 15.8 23.8

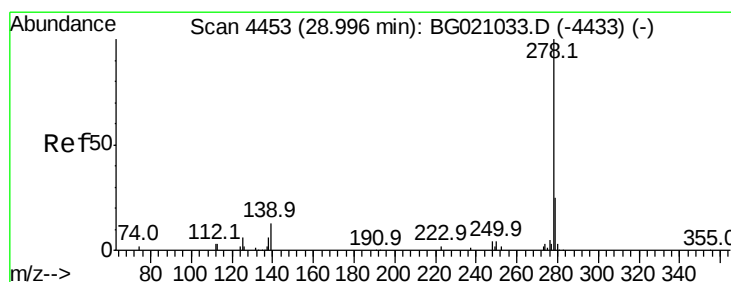
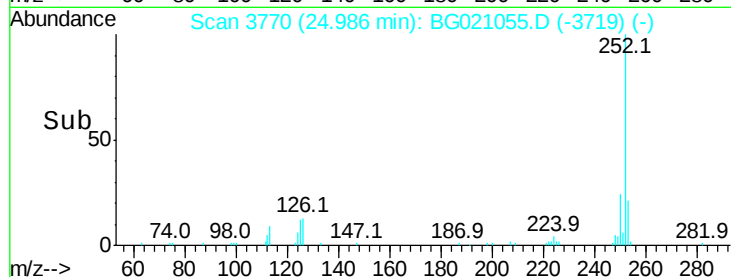
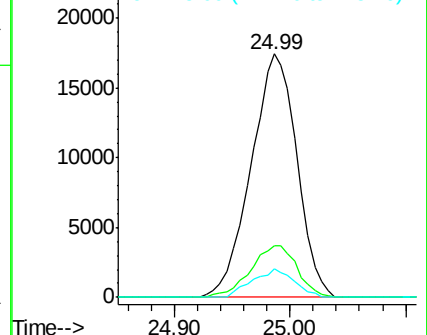
125 11.9 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.78 ng

RT: 28.99 min Scan# 4452

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

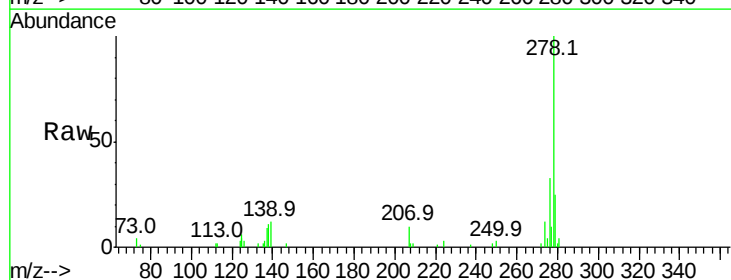
Tgt Ion:278 Resp: 44958

Ion Ratio Lower Upper

278 100

139 11.9 10.6 15.8

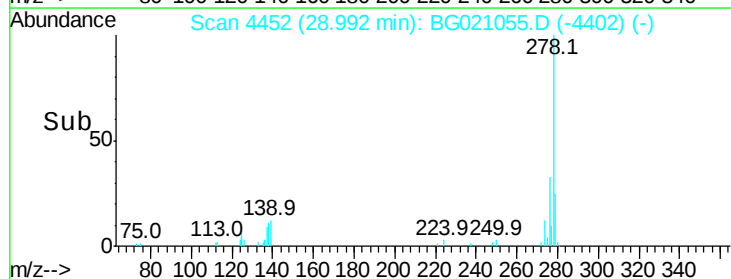
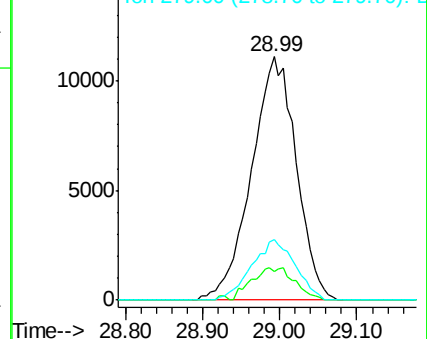
279 24.7 19.7 29.5

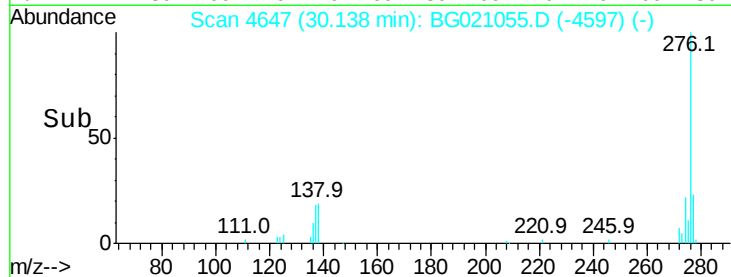
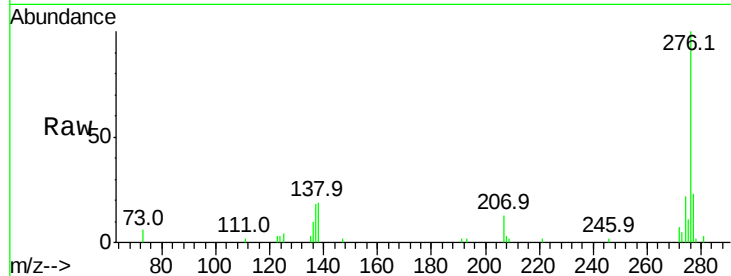
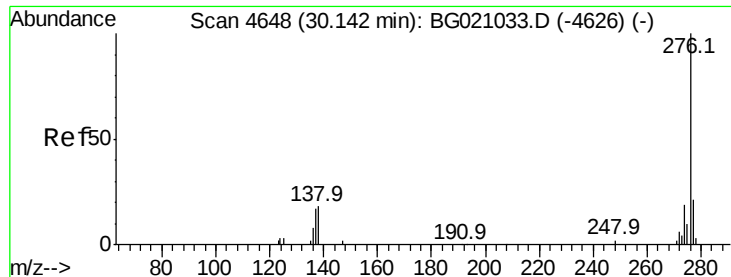


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.99 ng

RT: 30.14 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BG021055.D

Acq: 24 Feb 2016 17:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 45090

Ion Ratio Lower Upper

276 100

277 23.4 16.6 25.0

138 19.4 14.6 21.8

