

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021116.D
 Acq On : 27 Feb 2016 15:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 29 00:16:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8112	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	37826	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	24528	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	60050	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	68455	20.00	ng	-0.02
86) Perylene-d12	25.06	264	61991	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	38564	83.23	ng	0.00
7) Phenol-d6	7.31	99	59936	86.93	ng	-0.02
23) Nitrobenzene-d5	9.33	82	69740	87.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	22319	69.40	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	139602	72.83	ng	-0.01
78) Terphenyl-d14	20.10	244	238481	81.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	9014	42.01	ng	91
3) Pyridine	4.02	79	26041	41.50	ng	93
4) n-Nitrosodimethylamine	3.93	42	12719	39.98	ng	97
6) Aniline	7.49	93	37625	44.12	ng	90
8) 2-Chlorophenol	7.73	128	23936	41.42	ng	93
9) Benzaldehyde	7.31	77	16930	45.33	ng	87
10) Phenol	7.34	94	31708	44.89	ng	75
11) bis(2-Chloroethyl)ether	7.59	93	24557	45.36	ng	97
12) 1,3-Dichlorobenzene	8.06	146	25031	40.70	ng	# 92
13) 1,4-Dichlorobenzene	8.20	146	25785	39.24	ng	96
14) 1,2-Dichlorobenzene	8.53	146	24793	39.85	ng	99
15) Benzyl Alcohol	8.40	79	26036	43.23	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.70	45	34281	55.22	ng	91
17) 2-Methylphenol	8.60	107	21539	43.20	ng	# 89
18) Hexachloroethane	9.25	117	10317	41.51	ng	91
19) n-Nitroso-di-n-propylamine	8.97	70	24812	46.65	ng	91
20) 3+4-Methylphenols	8.93	107	29553	42.75	ng	91
22) Acetophenone	8.99	105	43377	41.55	ng	# 93
24) Nitrobenzene	9.38	77	36868	44.95	ng	# 87
25) Isophorone	9.90	82	66037	44.38	ng	95
26) 2-Nitrophenol	10.08	139	13856	39.96	ng	# 63
27) 2,4-Dimethylphenol	10.13	122	24034	39.29	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	32115	44.29	ng	97
29) 2,4-Dichlorophenol	10.62	162	22430	37.46	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	24495	36.10	ng	98
31) Naphthalene	11.03	128	78405	40.35	ng	97
32) Benzoic acid	10.27	122	20724	36.90	ng	83
33) 4-Chloroaniline	11.13	127	33624	41.43	ng	# 89
34) Hexachlorobutadiene	11.31	225	16771	36.93	ng	94
35) Caprolactam	11.91	113	9167	45.31	ng	# 91
36) 4-Chloro-3-methylphenol	12.23	107	30789	41.95	ng	89
37) 2-Methylnaphthalene	12.62	142	53602	39.28	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	31649	34.92	ng	99
40) Hexachlorocyclopentadiene	12.96	237	20163	33.83	ng	100

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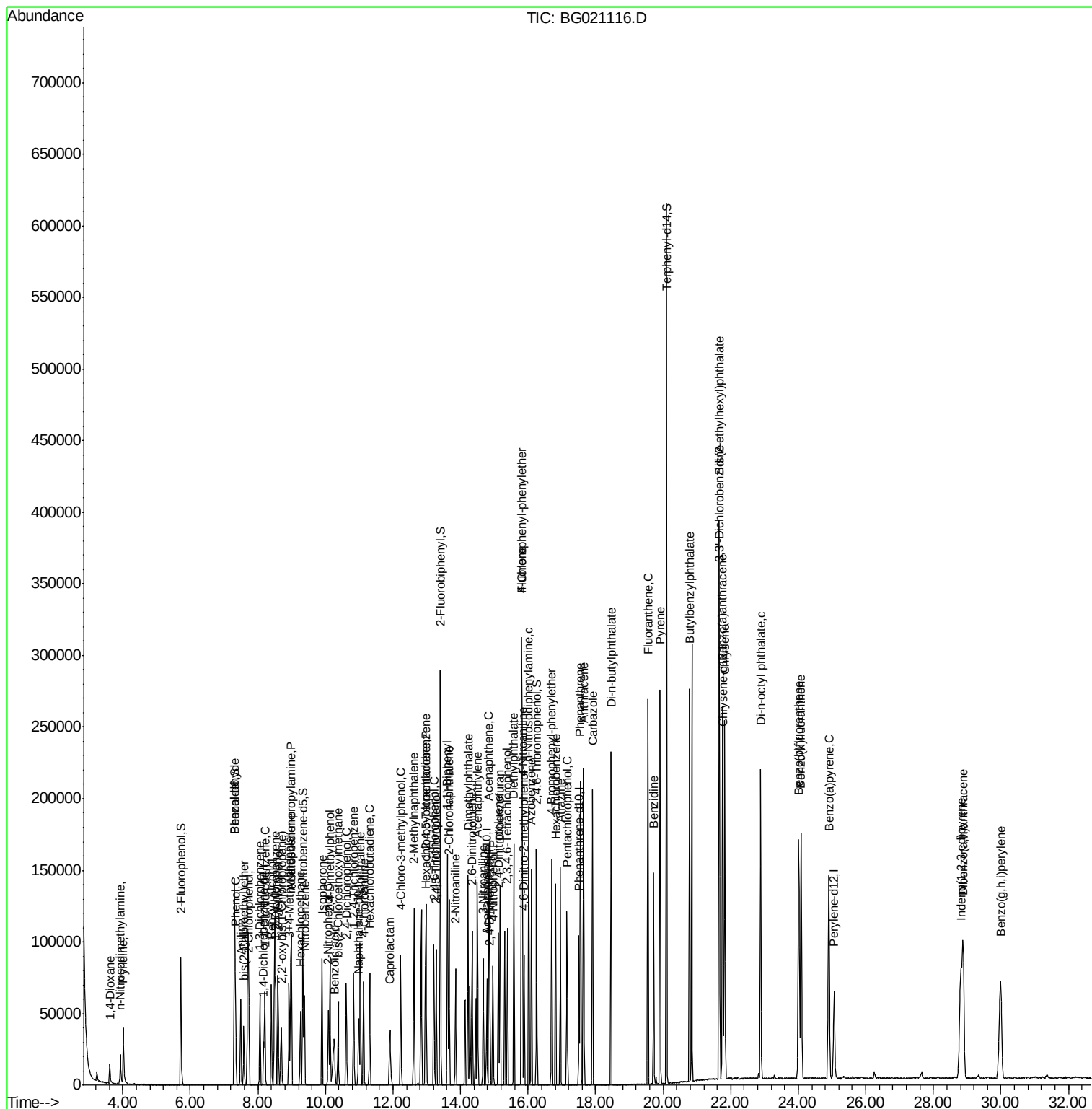
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	21732	38.23	nq	98
43) 2,4,5-Trichlorophenol	13.28	196	23082	39.52	nq	93
45) 1,1'-Biphenyl	13.61	154	79024	38.26	nq	99
46) 2-Chloronaphthalene	13.66	162	60024	38.30	nq	99
47) 2-Nitroaniline	13.86	65	24738	48.72	nq	# 74
48) Acenaphthylene	14.50	152	98150	39.58	nq	99
49) Dimethylphthalate	14.23	163	82779	39.16	nq	# 99
50) 2,6-Dinitrotoluene	14.34	165	17577	40.42	nq	# 66
51) Acenaphthene	14.84	154	66203	39.14	nq	99
52) 3-Nitroaniline	14.67	138	18653	44.08	nq	# 69
53) 2,4-Dinitrophenol	14.87	184	11897	39.23	nq	# 78
54) Dibenzofuran	15.17	168	82969	38.73	nq	# 90
55) 4-Nitrophenol	14.96	139	16305	43.44	nq	# 56
56) 2,4-Dinitrotoluene	15.12	165	25743	41.28	nq	# 86
57) Fluorene	15.82	166	80799	38.76	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	19309	38.04	nq	# 97
59) Diethylphthalate	15.58	149	90694	40.71	nq	99
60) 4-Chlorophenyl-phenylether	15.81	204	41947	36.59	nq	97
61) 4-Nitroaniline	15.84	138	21001	43.58	nq	# 50
62) Azobenzene	16.10	77	90253	46.76	nq	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	17231	39.12	nq	92
65) n-Nitrosodiphenylamine	16.02	169	71111	40.14	nq	92
66) 4-Bromophenyl-phenylether	16.70	248	25496	36.06	nq	# 88
67) Hexachlorobenzene	16.82	284	25738	34.51	nq	# 92
68) Atrazine	16.96	200	26591	40.51	nq	99
69) Pentachlorophenol	17.15	266	18142	36.03	nq	90
70) Phenanthrene	17.56	178	128990	39.92	nq	98
71) Anthracene	17.64	178	131396	40.38	nq	98
72) Carbazole	17.91	167	118937	42.34	nq	99
73) Di-n-butylphthalate	18.46	149	161584	43.63	nq	# 97
74) Fluoranthene	19.55	202	158931	39.21	nq	96
76) Benzidine	19.72	184	79084	43.91	nq	99
77) Pyrene	19.91	202	162921	42.98	nq	99
79) Butylbenzylphthalate	20.78	149	73754	46.62	nq	88
80) Benzo(a)anthracene	21.76	228	159924	40.60	nq	99
81) 3,3'-Dichlorobenzidine	21.67	252	62265	40.40	nq	98
82) Chrysene	21.83	228	150557	39.69	nq	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	109246	44.72	nq	95
84) Di-n-octyl phthalate	22.89	149	181875	44.42	nq	97
85) Indeno(1,2,3-cd)pyrene	28.82	276	172875	37.80	nq	# 100
87) Benzo(b)fluoranthene	24.01	252	157216	40.57	nq	99
88) Benzo(k)fluoranthene	24.09	252	157012	41.11	nq	96
89) Benzo(a)pyrene	24.91	252	149337	40.15	nq	96
90) Dibenzo(a,h)anthracene	28.88	278	147761	39.41	nq	99
91) Benzo(g,h,i)perylene	29.99	276	141582	39.20	nq	96

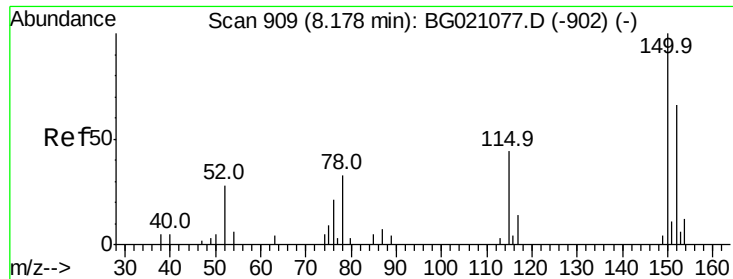
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTCCCC040
Misc      :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

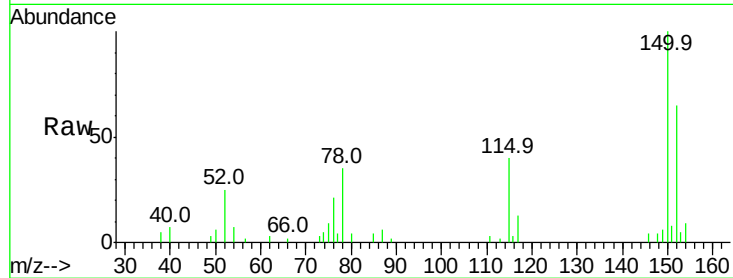
Tot Ion:152 Resp: 8112

Ion Ratio Lower Upper

152 100

150 153.0 123.4 185.2

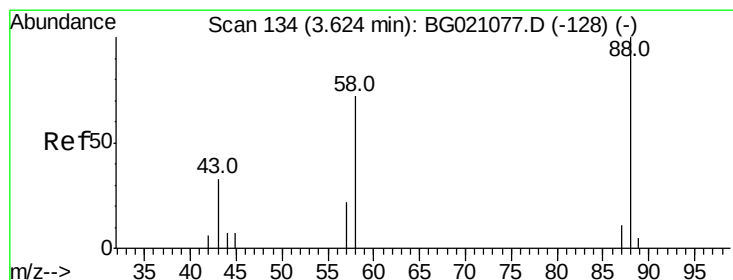
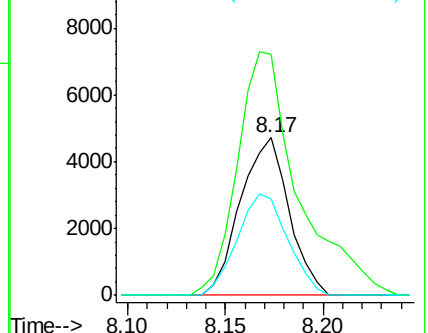
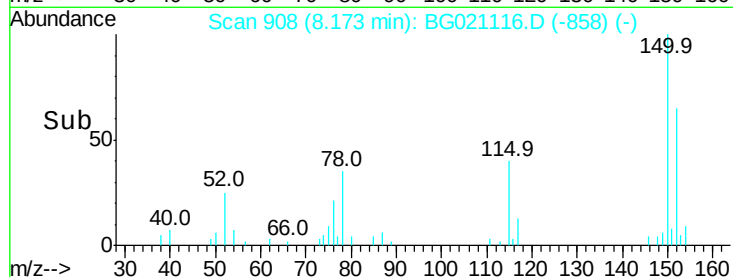
115 60.9 43.3 64.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.01 ng

RT: 3.61 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

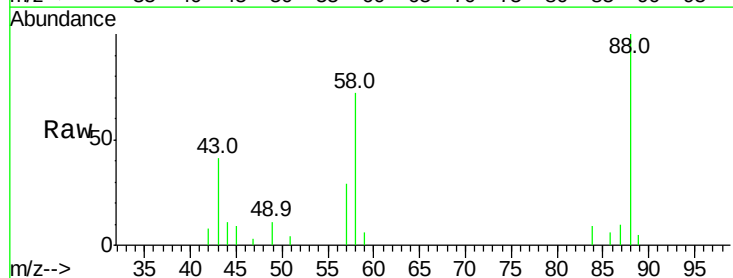
Tgt Ion: 88 Resp: 9014

Ion Ratio Lower Upper

88 100

58 60.4 55.9 83.9

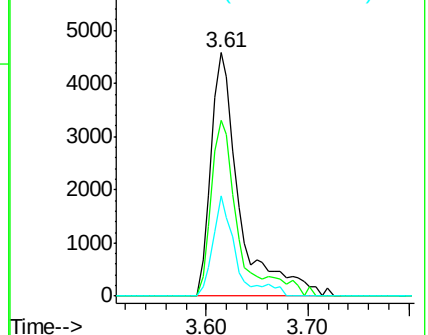
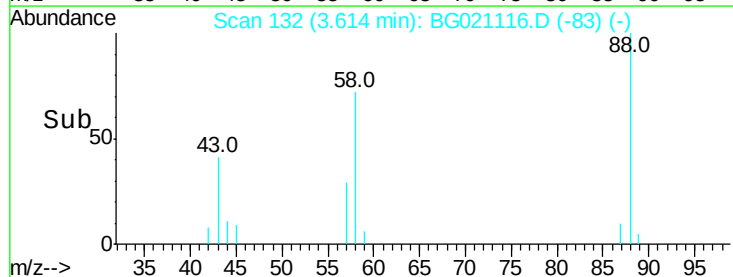
43 29.9 22.5 33.7

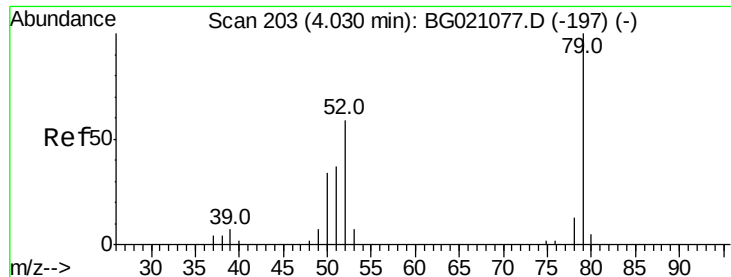


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.50 ng

RT: 4.02 min Scan# 201

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

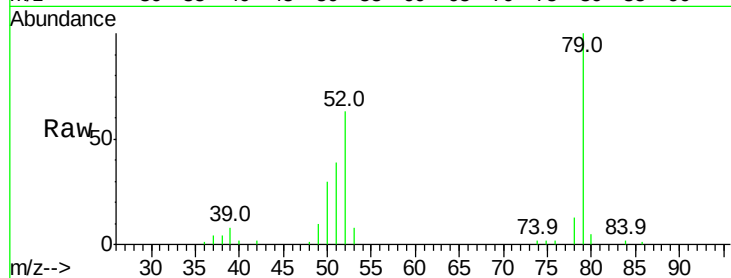
Tot Ion: 79 Resp: 26041

Ion Ratio Lower Upper

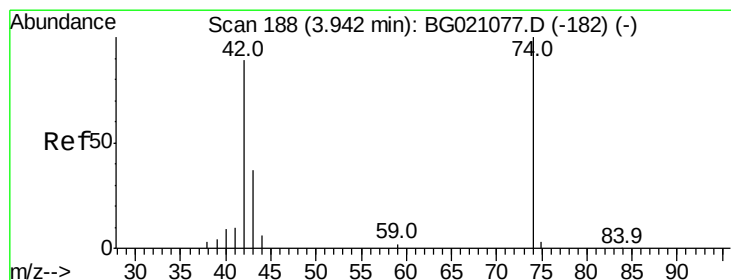
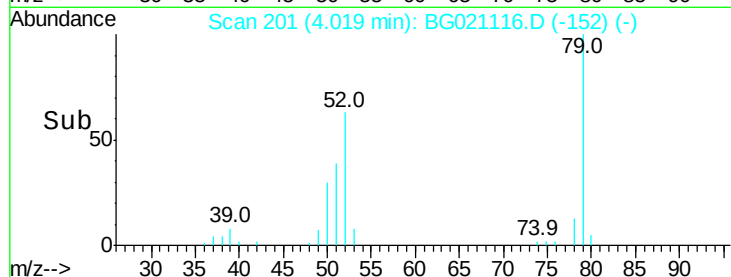
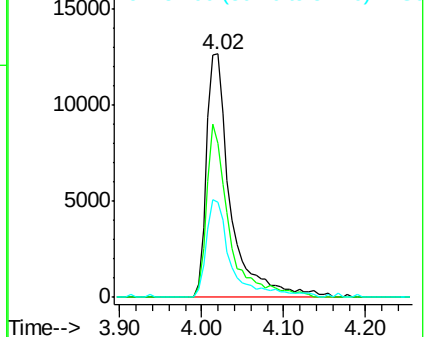
79 100

52 63.1 53.2 79.8

51 39.1 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: 39.98 ng

RT: 3.93 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

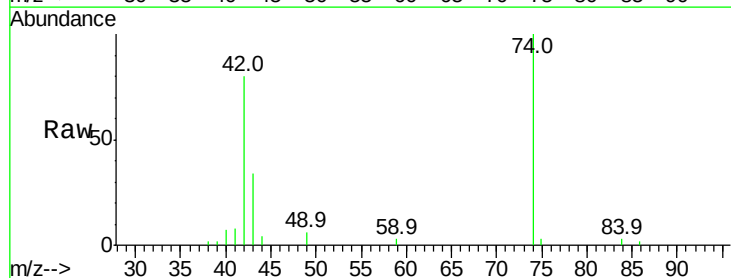
Tgt Ion: 42 Resp: 12719

Ion Ratio Lower Upper

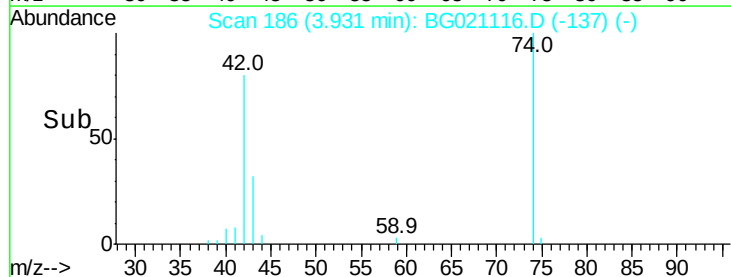
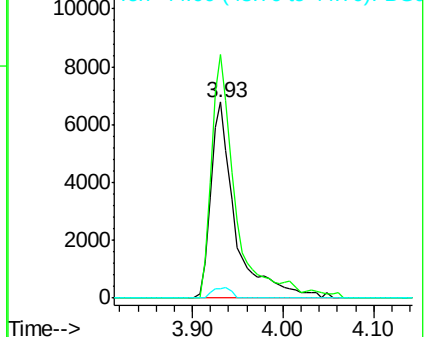
42 100

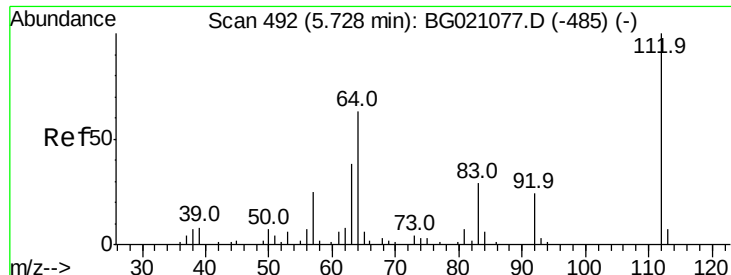
74 124.3 102.3 153.5

44 5.1 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: 83.23 ng

RT: 5.72 min Scan# 491

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

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ClientSampleId :

SSTDCCC040

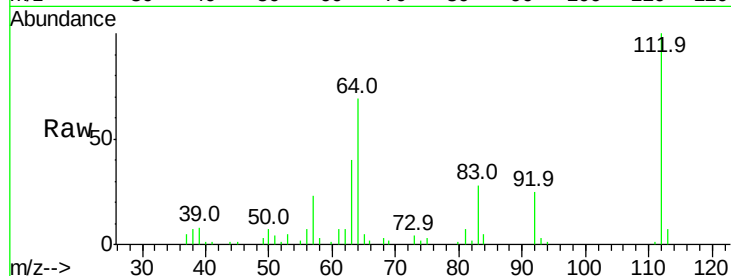
Tot Ion:112 Resp: 38564

Ion Ratio Lower Upper

112 100

64 69.3 42.6 63.8#

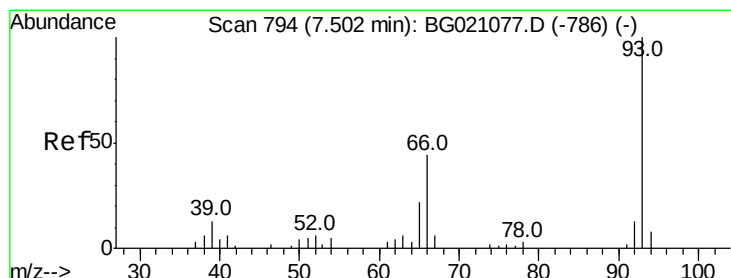
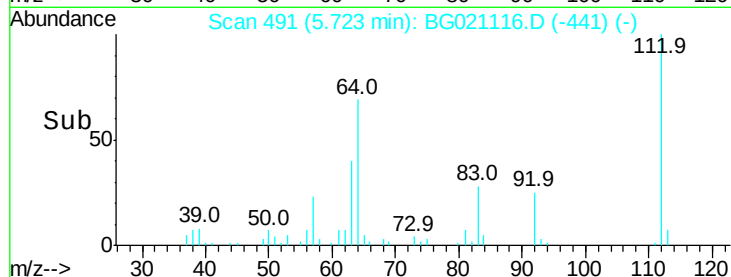
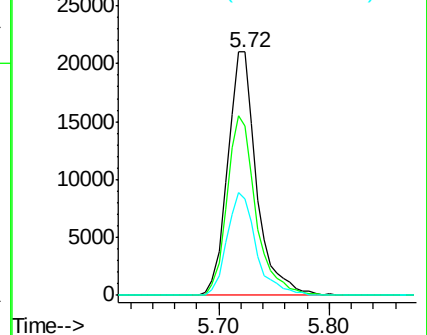
63 39.8 21.7 32.5#



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: 44.12 ng

RT: 7.49 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

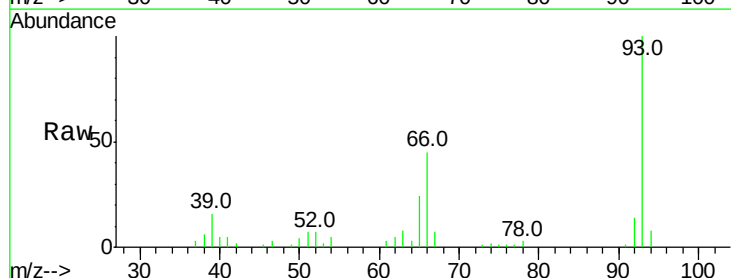
Tgt Ion: 93 Resp: 37625

Ion Ratio Lower Upper

93 100

66 44.8 30.1 45.1

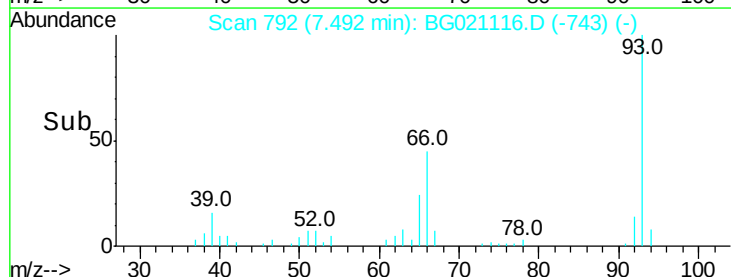
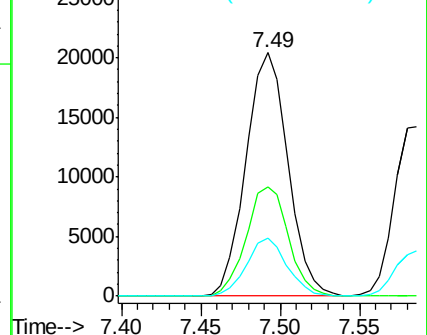
65 23.9 16.6 24.8

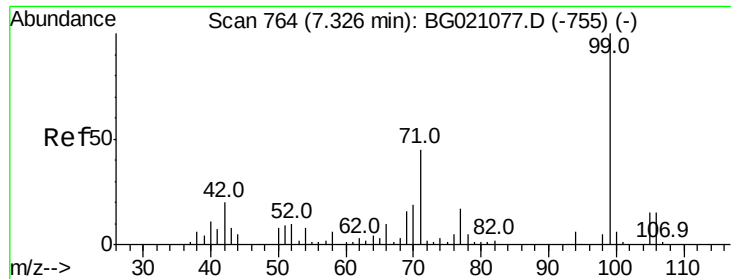


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.93 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021116.D

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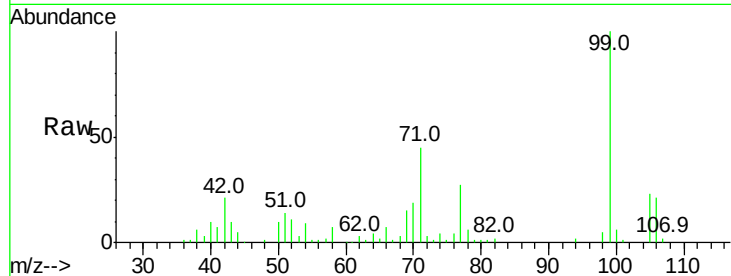
Tot Ion: 99 Resp: 59936

Ion Ratio Lower Upper

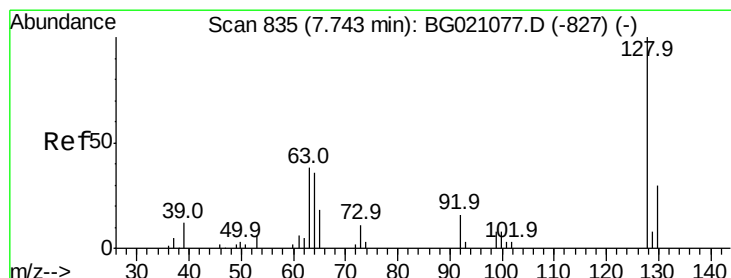
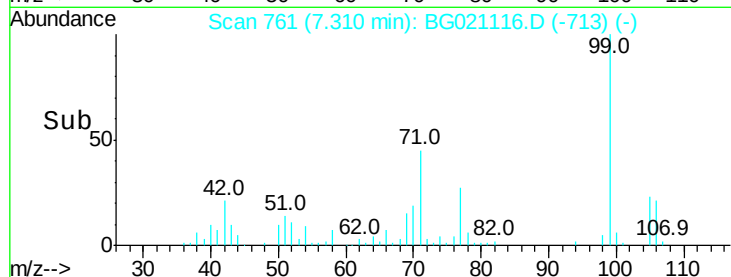
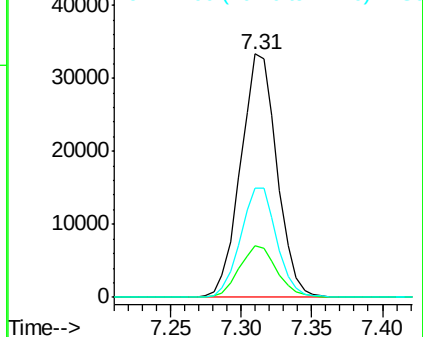
99 100

42 21.0 13.2 19.8#

71 45.1 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: 41.42 ng

RT: 7.73 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

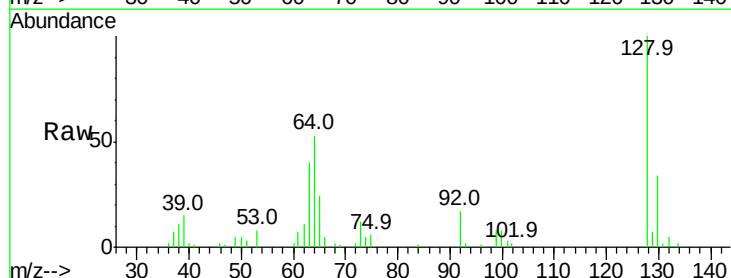
Tgt Ion: 128 Resp: 23936

Ion Ratio Lower Upper

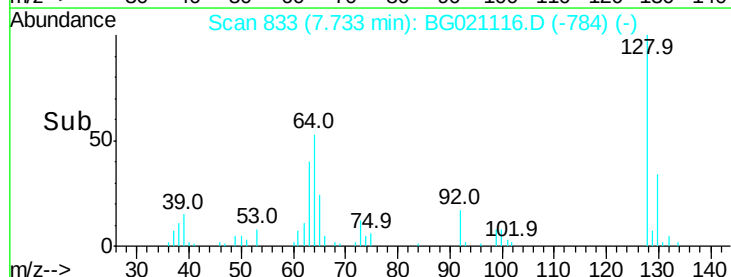
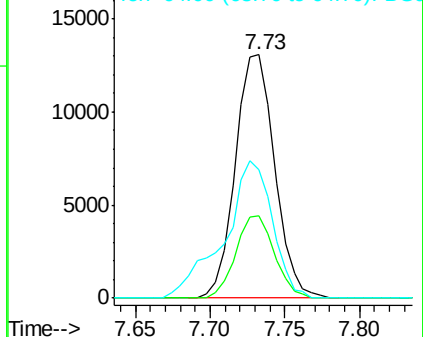
128 100

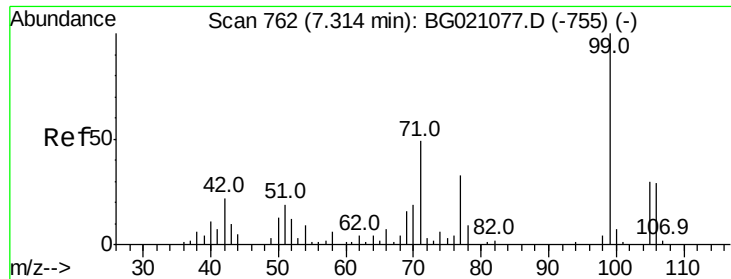
130 33.7 11.9 51.9

64 52.7 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: 45.33 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

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ClientSampleId :

SSTDCCC040

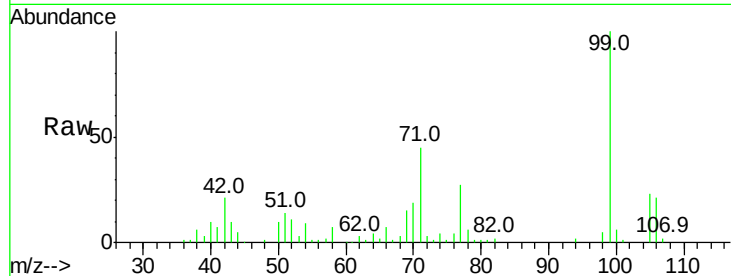
Tot Ion: 77 Resp: 16930

Ion Ratio Lower Upper

77 100

105 86.2 77.4 117.4

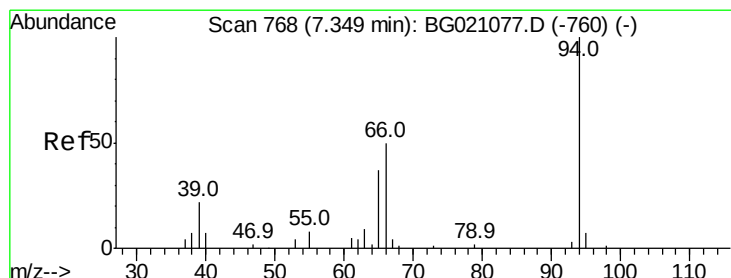
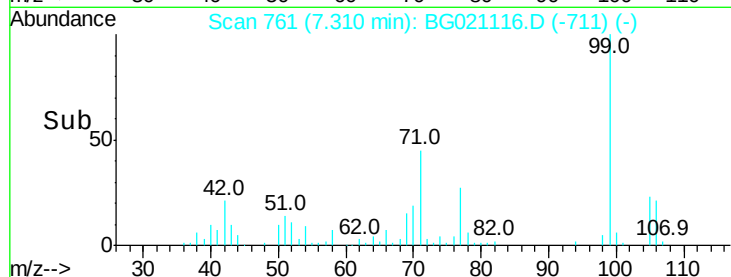
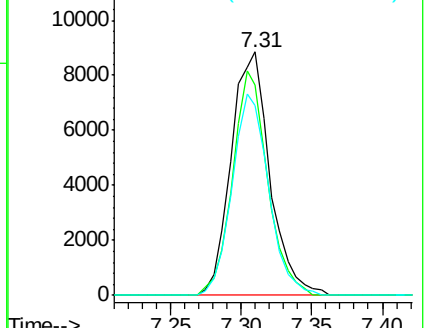
106 77.9 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.89 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

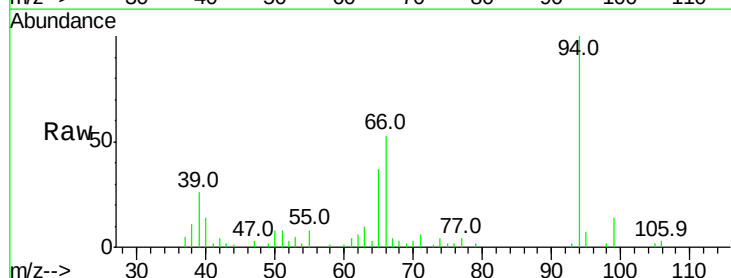
Tgt Ion: 94 Resp: 31708

Ion Ratio Lower Upper

94 100

65 37.4 7.2 47.2

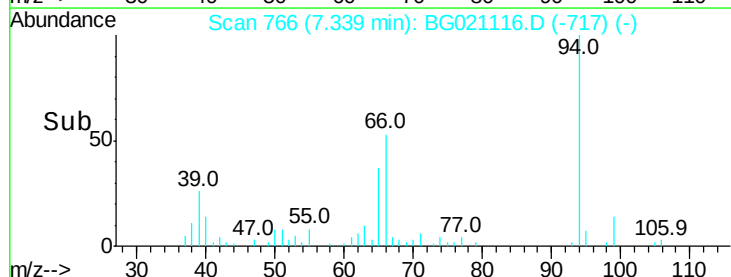
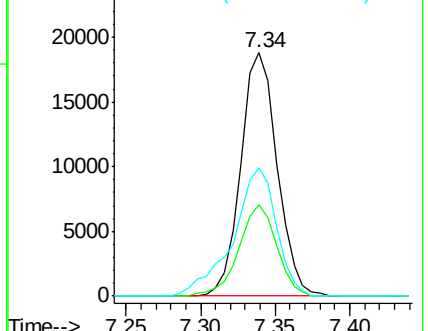
66 52.8 15.4 55.4

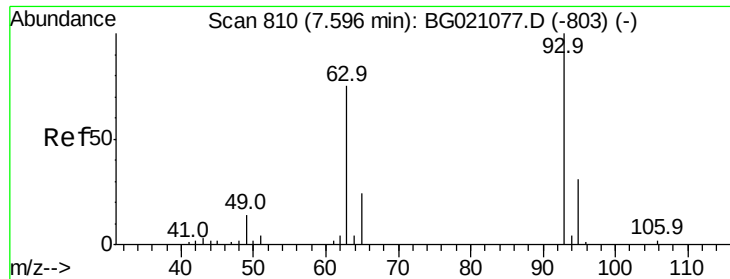


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 45.36 ng

RT: 7.59 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

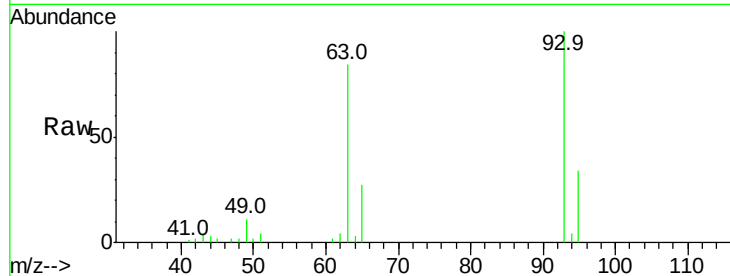
Tot Ion: 93 Resp: 24557

Ion Ratio Lower Upper

93 100

63 83.9 60.5 100.5

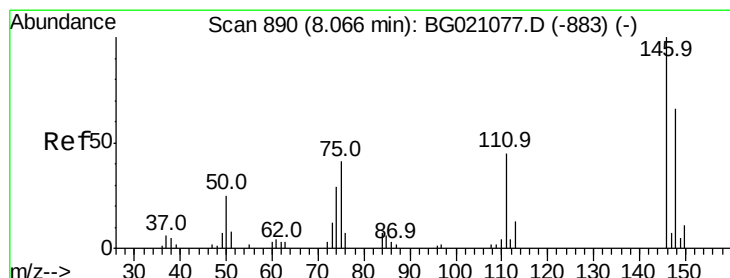
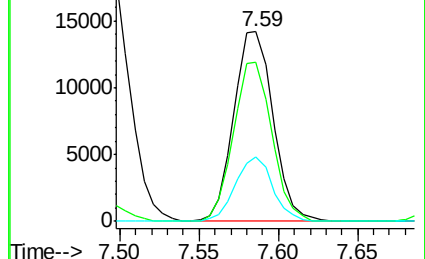
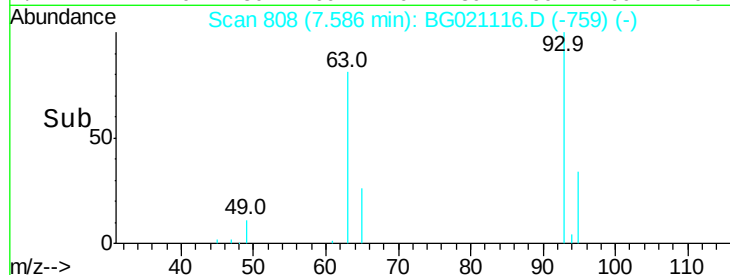
95 33.8 14.6 54.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.70 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

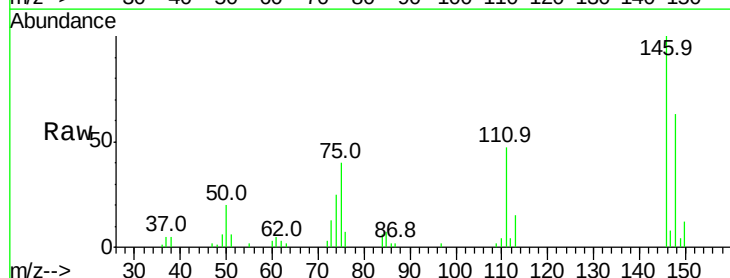
Tgt Ion: 146 Resp: 25031

Ion Ratio Lower Upper

146 100

148 62.9 52.6 78.8

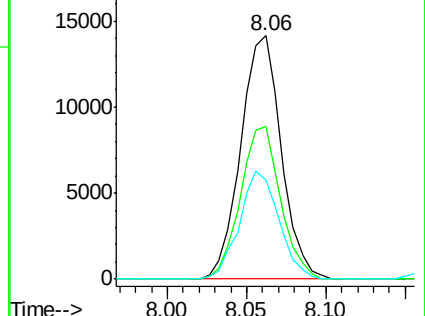
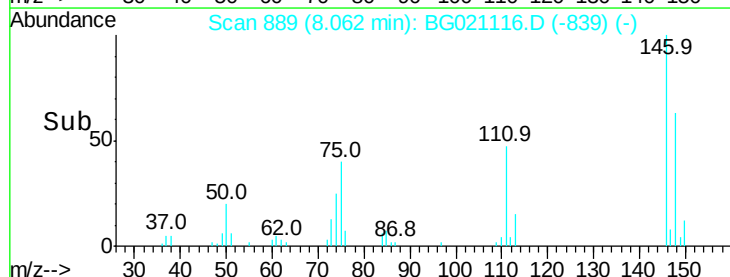
75 40.4 24.0 36.0#

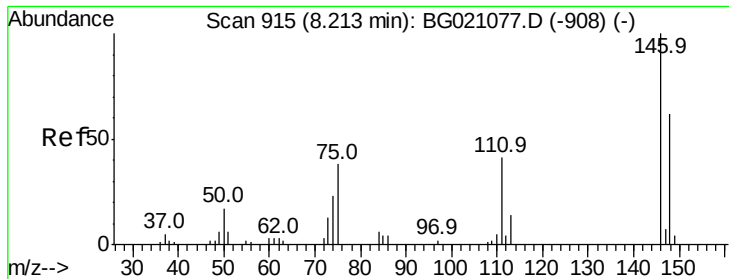


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

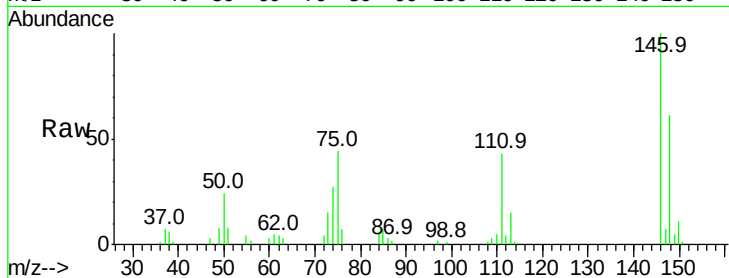




#13
 1,4-Dichlorobenzene
 Concen: 39.24 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.5	50.2	75.4
111	42.9	31.9	47.9

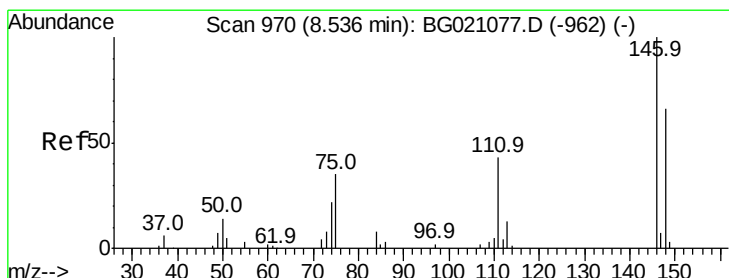
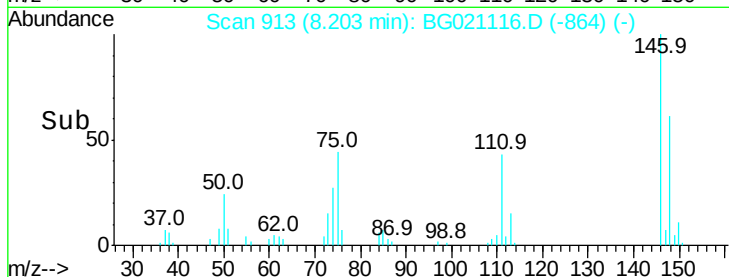
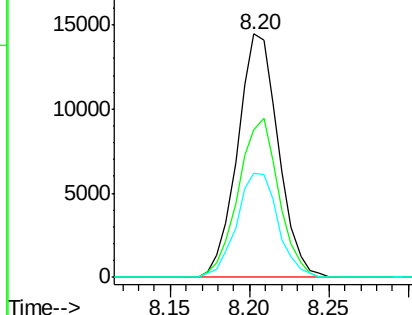


Abundance

Ion 146.00 (145.70 to 146.70): E

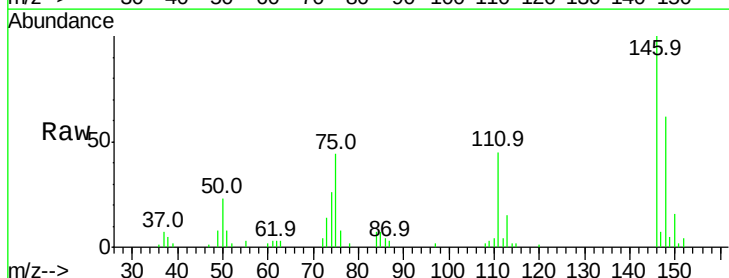
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.85 ng
 RT: 8.53 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.5	75.7
111	44.6	35.4	53.2

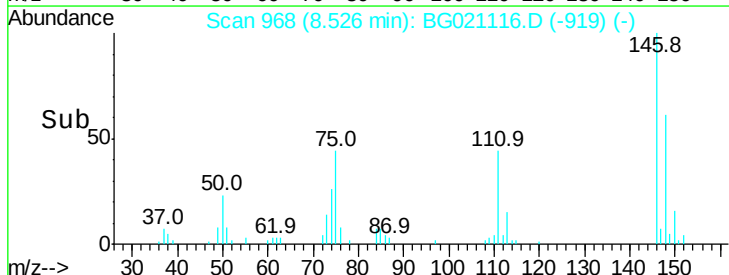
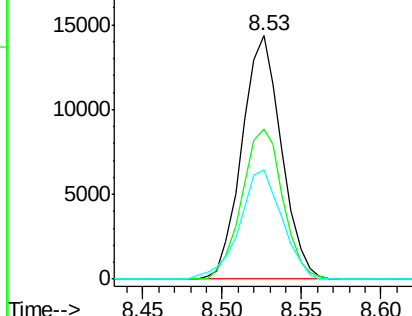


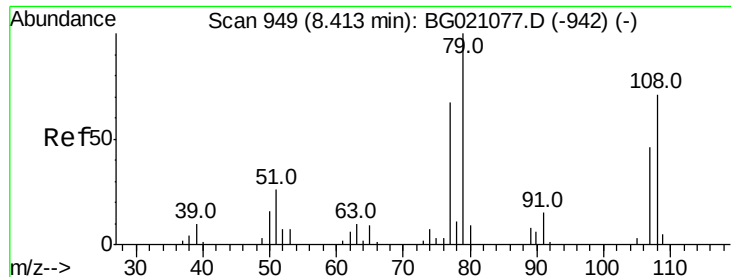
Abundance

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

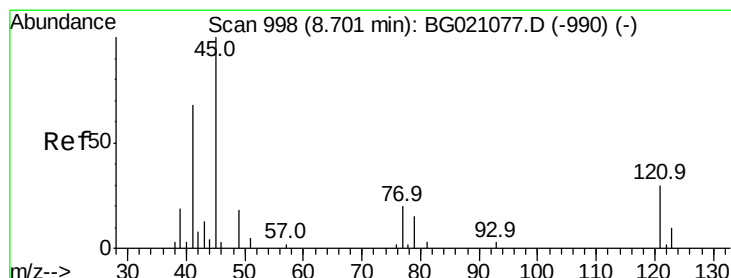
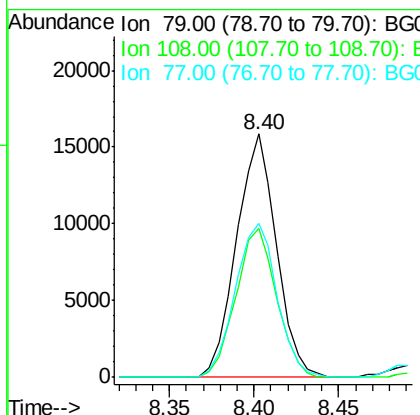
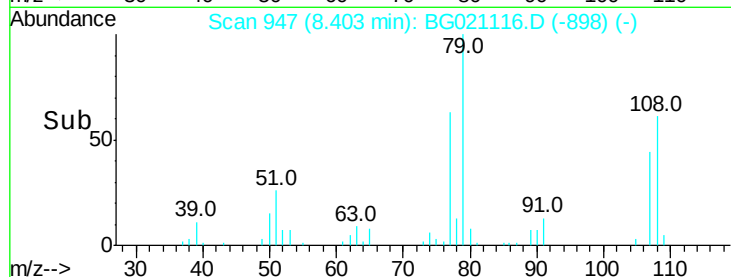
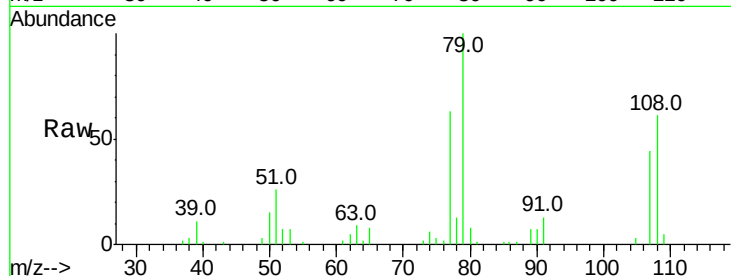




#15
Benzyl Alcohol
Concen: 43.23 ng
RT: 8.40 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

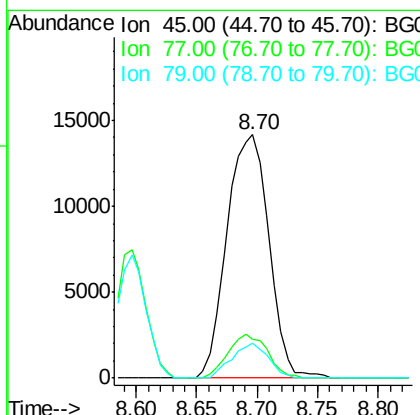
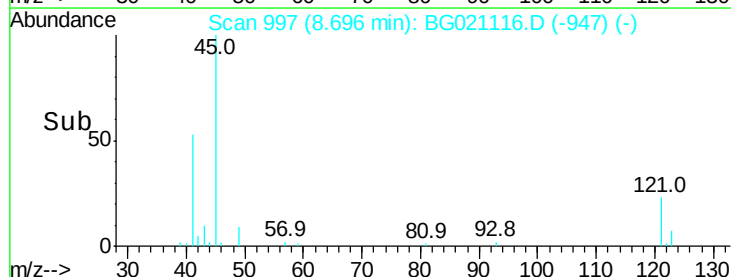
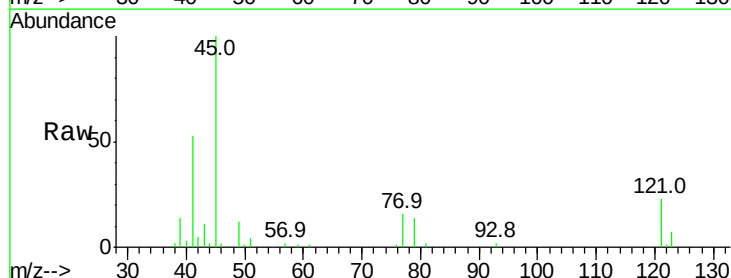
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

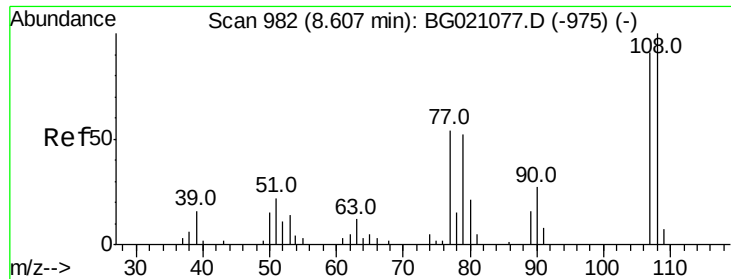
Tot Ion: 79 Resp: 26036
Ion Ratio Lower Upper
79 100
108 61.2 65.1 97.7#
77 63.4 53.8 80.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.22 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion: 45 Resp: 34281
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.3
79 14.3 0.0 29.6

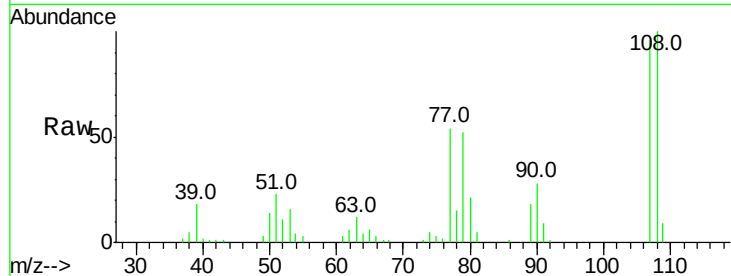




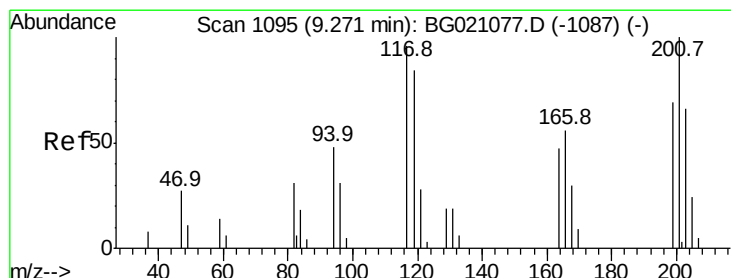
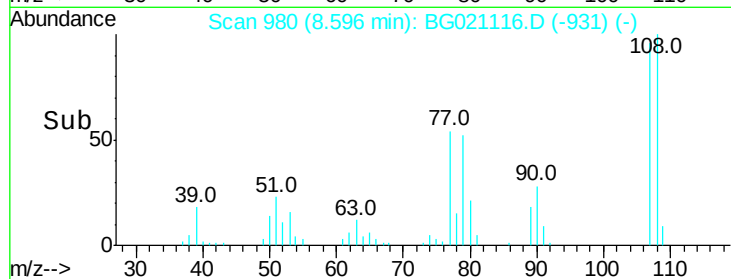
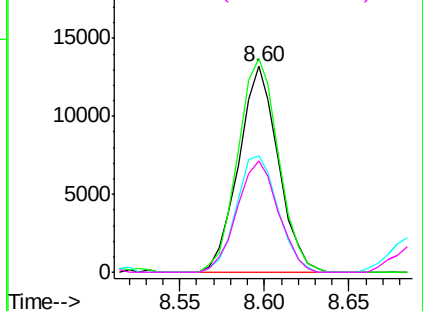
#17
2-Methylphenol
Concen: 43.20 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 21539
Ion Ratio Lower Upper
107 100
108 103.9 88.8 133.2
77 56.5 38.0 57.0
79 54.4 32.6 49.0#

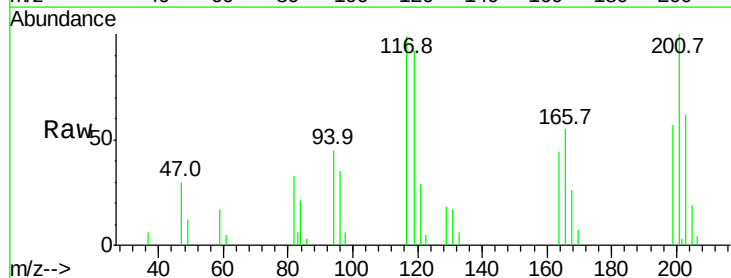


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

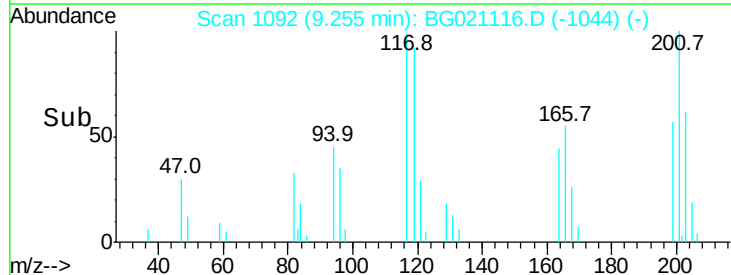
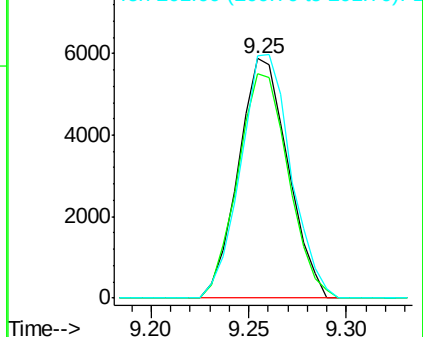


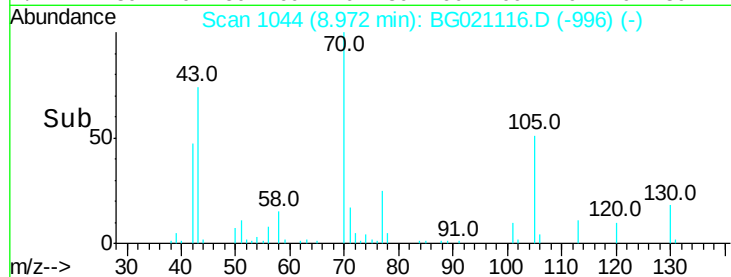
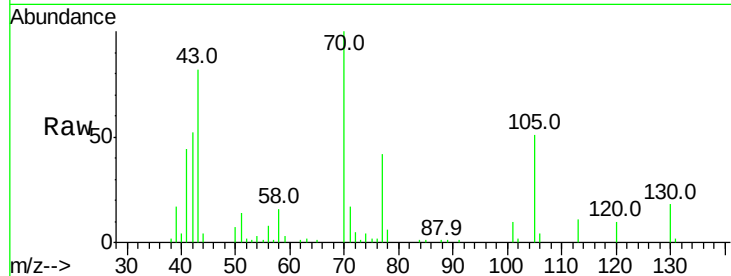
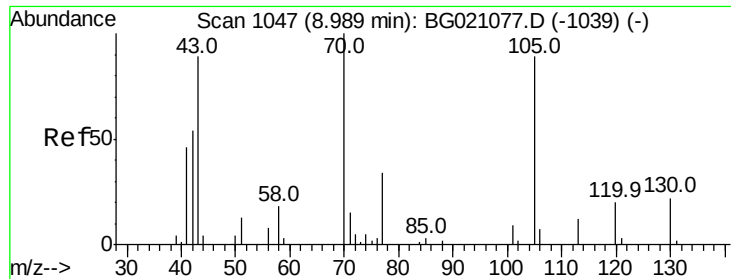
#18
Hexachloroethane
Concen: 41.51 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:117 Resp: 10317
Ion Ratio Lower Upper
117 100
119 93.5 74.5 111.7
201 101.4 68.2 102.4



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





#19

n-Nitroso-di-n-propylamine

Concen: 46.65 ng

RT: 8.97 min Scan# 1044

Delta R.T. -0.02 min

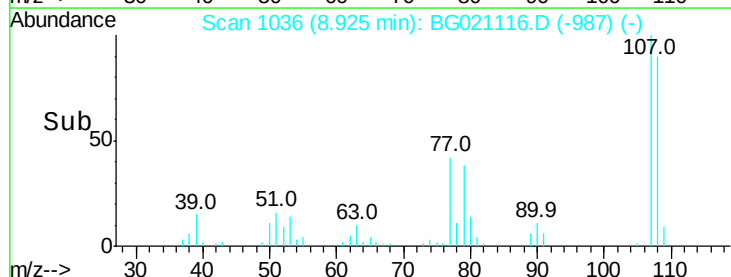
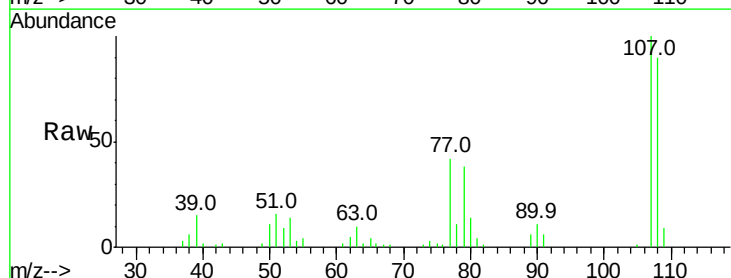
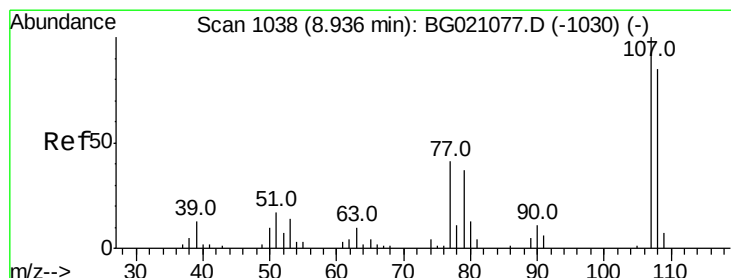
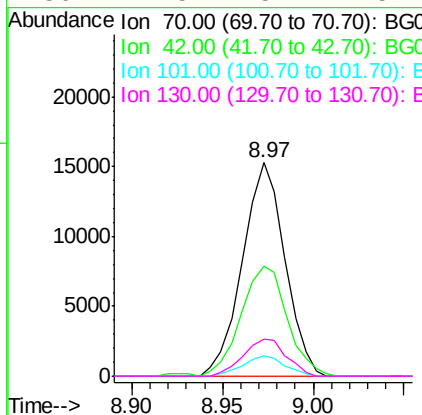
Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 24812

Ion	Ratio	Lower	Upper
70	100		
42	51.7	48.8	73.2
101	9.5	8.5	12.7
130	17.5	15.4	23.2



#20

3+4-Methylphenols

Concen: 42.75 ng

RT: 8.93 min Scan# 1036

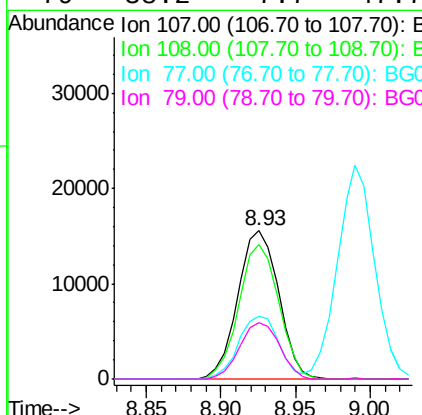
Delta R.T. -0.01 min

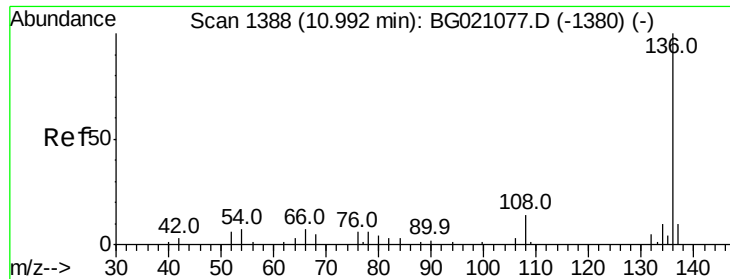
Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Tgt Ion: 107 Resp: 29553

Ion	Ratio	Lower	Upper
107	100		
108	90.5	67.6	107.6
77	42.3	14.4	54.4
79	38.2	7.7	47.7

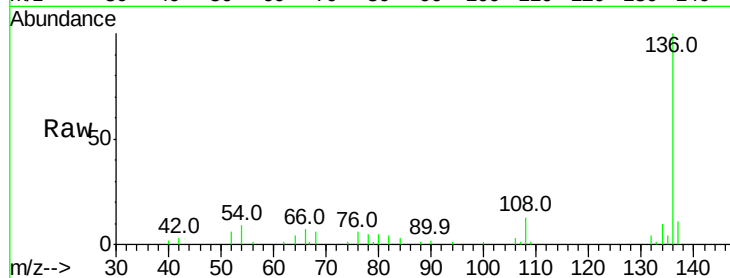




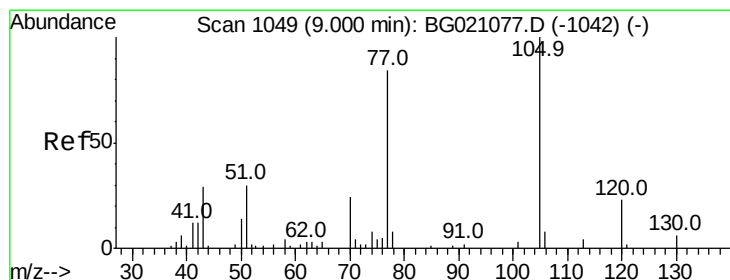
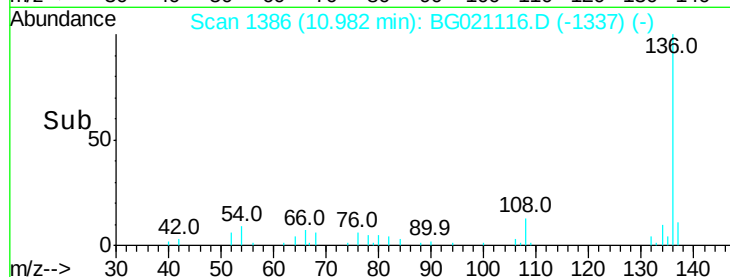
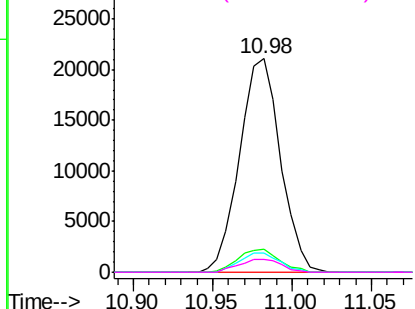
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	37826
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	9.2	6.9 10.3
68	6.0	5.8 8.6

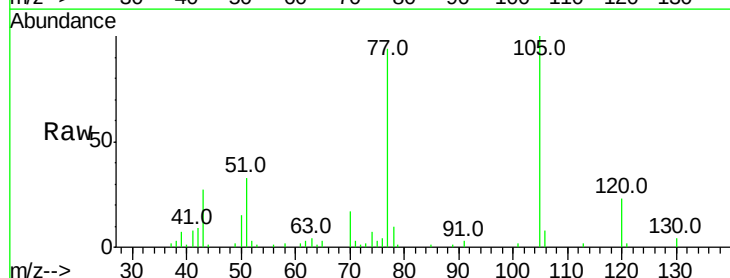


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

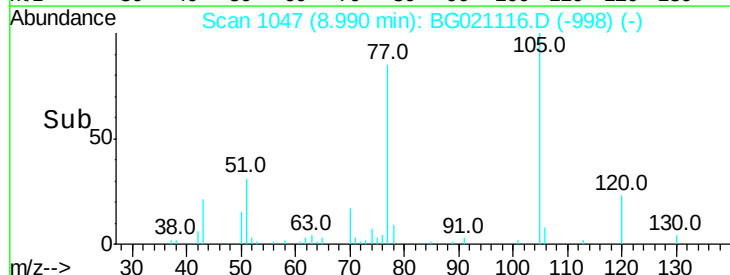
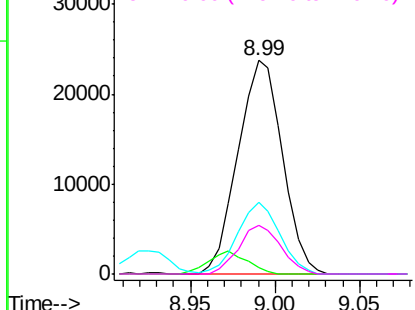


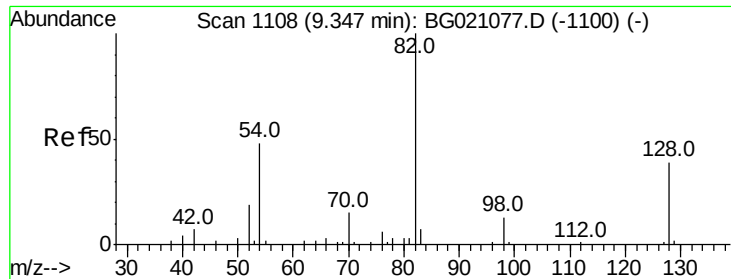
#22
Acetophenone
Concen: 41.55 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:105	Resp:	43377
Ion Ratio	Lower	Upper
105	100	
71	3.2	0.0 0.0#
51	33.4	21.4 32.2#
120	22.7	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

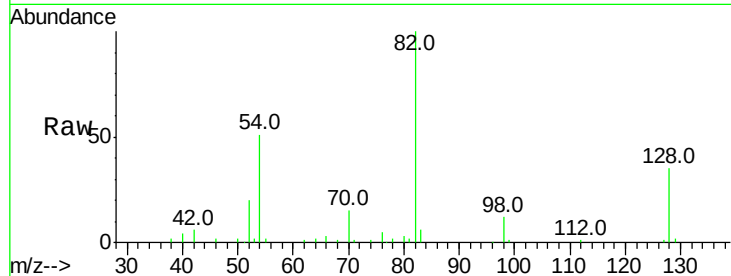




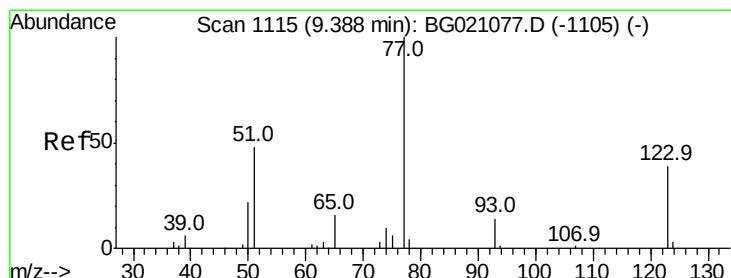
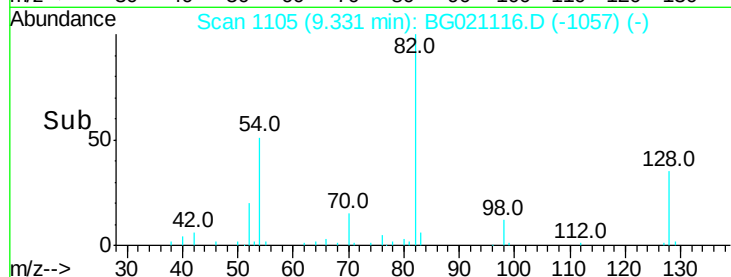
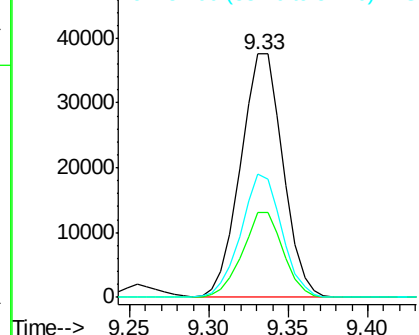
#23
Nitrobenzene-d5
Concen: 87.85 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 69740
Ion Ratio Lower Upper
82 100
128 34.7 36.3 54.5#
54 50.9 37.6 56.4

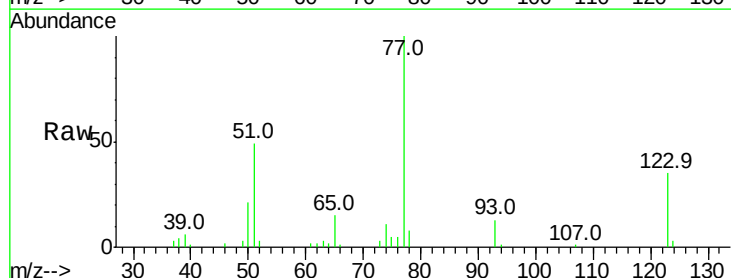


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

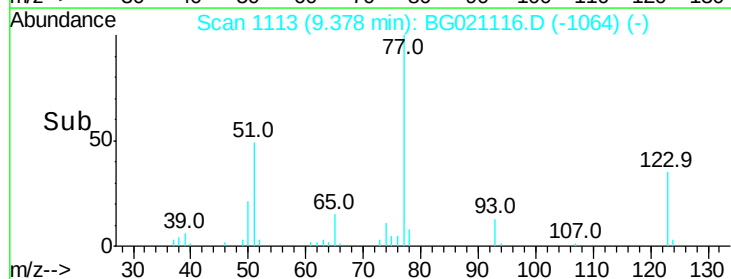
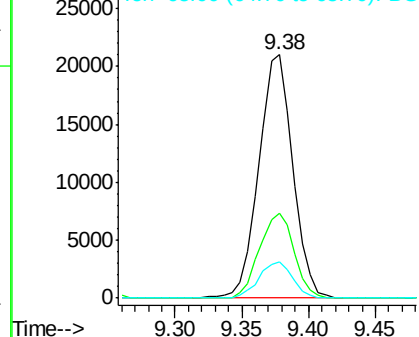


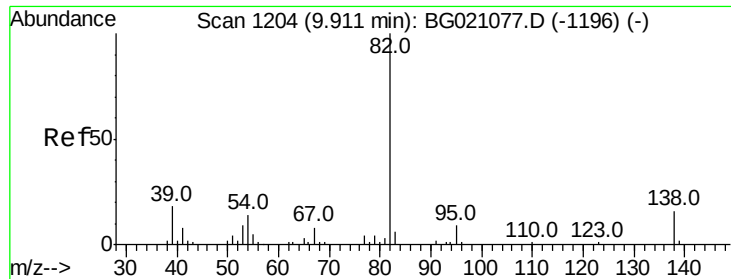
#24
Nitrobenzene
Concen: 44.95 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion: 77 Resp: 36868
Ion Ratio Lower Upper
77 100
123 35.0 35.8 53.6#
65 15.1 10.6 16.0



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





#25

Isophorone

Concen: 44.38 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

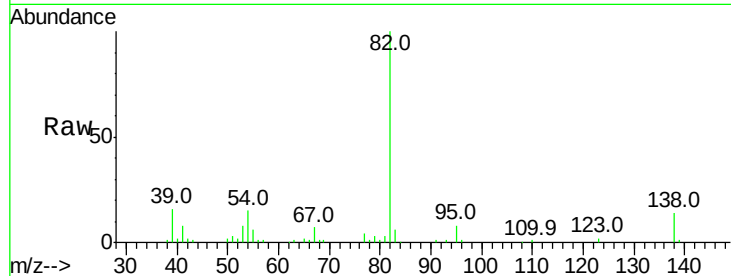
Tot Ion: 82 Resp: 66037

Ion Ratio Lower Upper

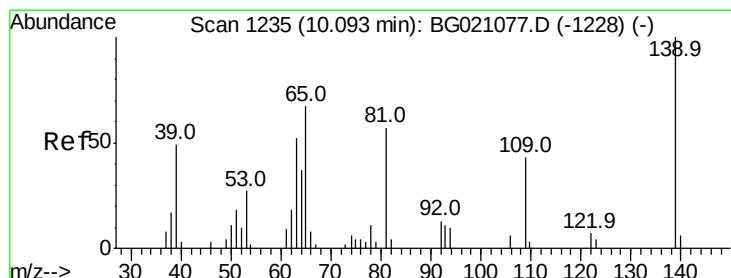
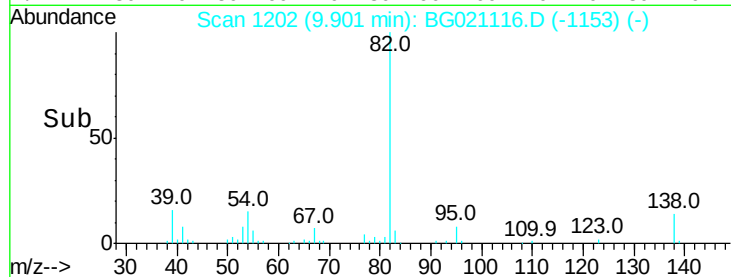
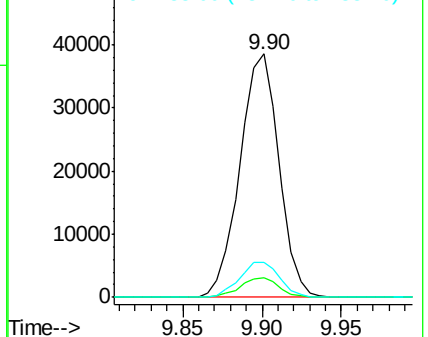
82 100

95 8.0 5.4 8.0

138 14.1 13.4 20.0



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



#26

2-Nitrophenol

Concen: 39.96 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

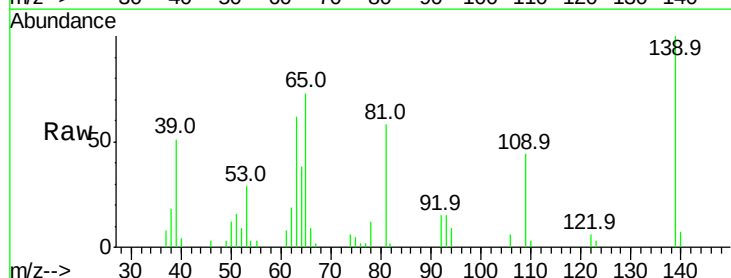
Tgt Ion: 139 Resp: 13856

Ion Ratio Lower Upper

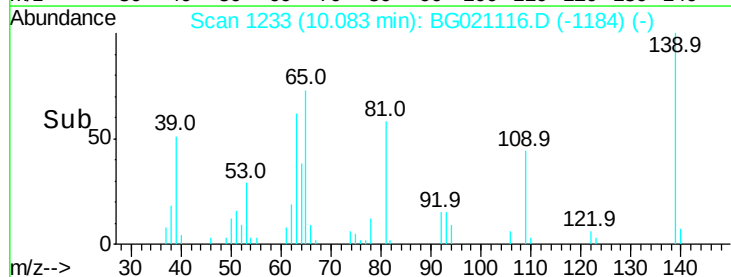
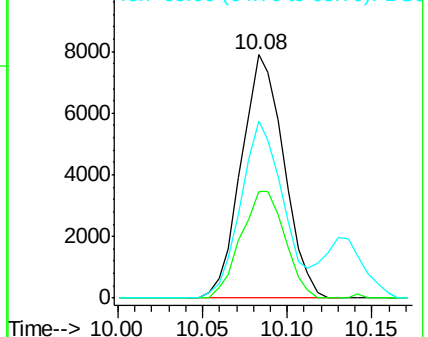
139 100

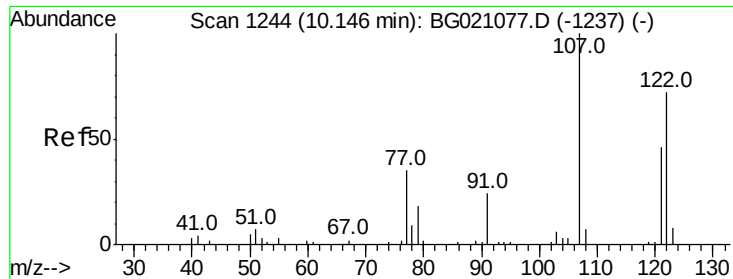
109 44.1 21.4 32.0#

65 73.0 37.8 56.8#



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

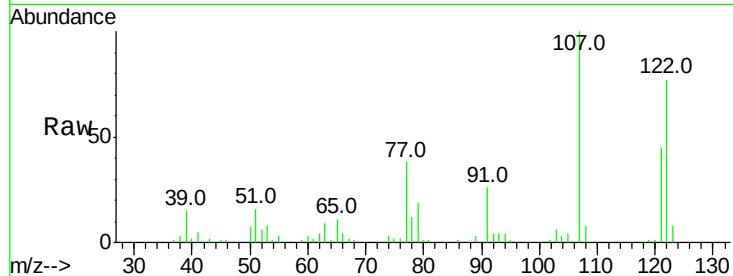




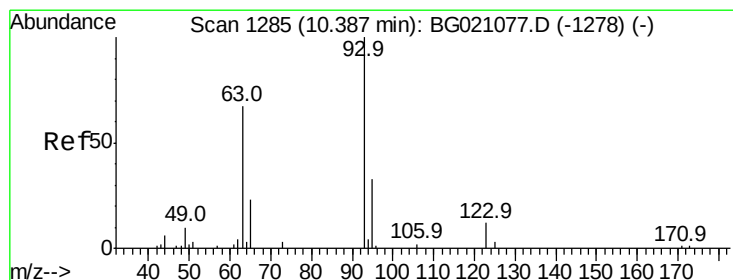
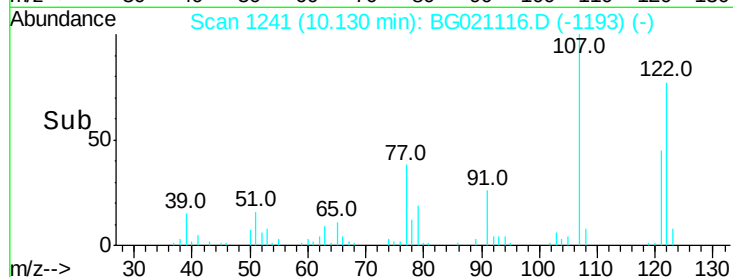
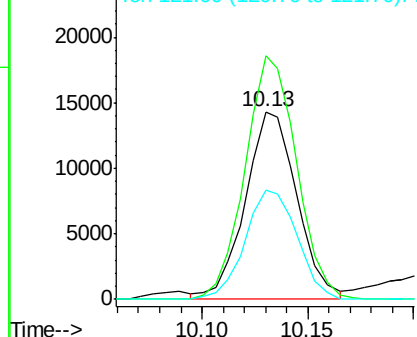
#27
 2,4-Dimethylphenol
 Concen: 39.29 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 24034
 Ion Ratio Lower Upper
 122 100
 107 130.0 94.1 141.1
 121 58.2 45.9 68.9

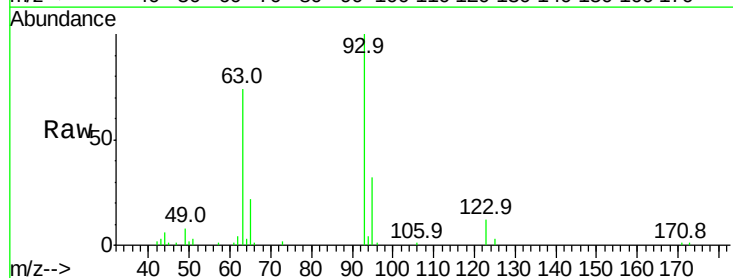


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

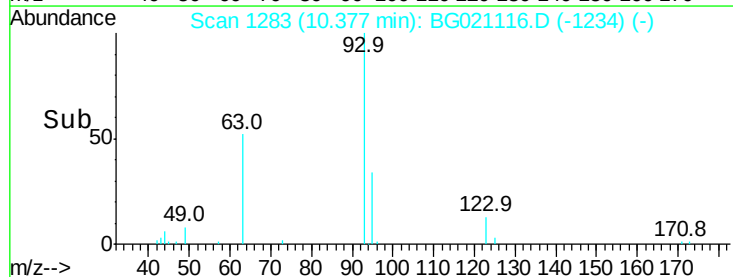
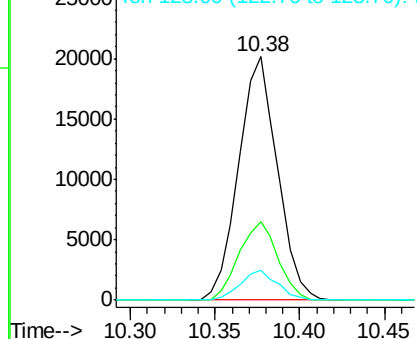


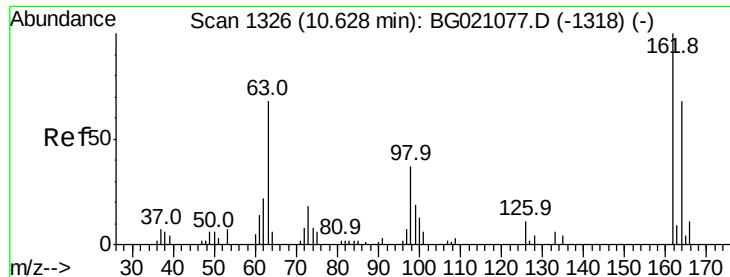
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.29 ng
 RT: 10.38 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion: 93 Resp: 32115
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.2 36.2
 123 12.0 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

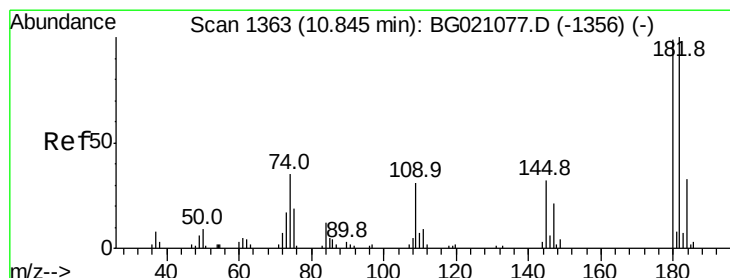
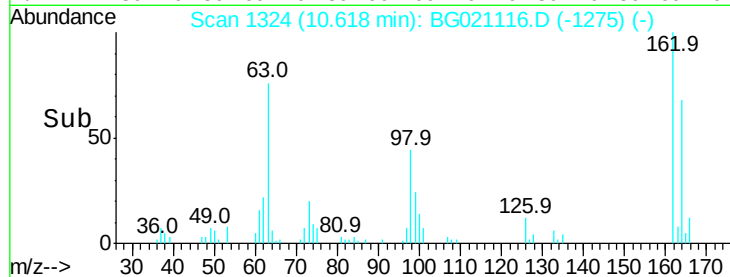
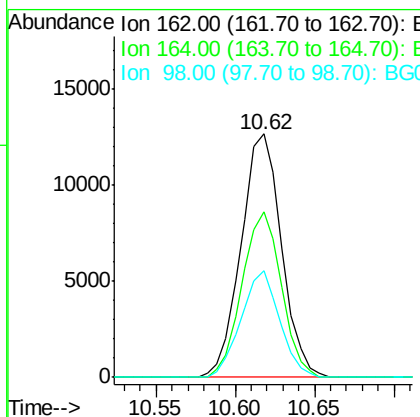
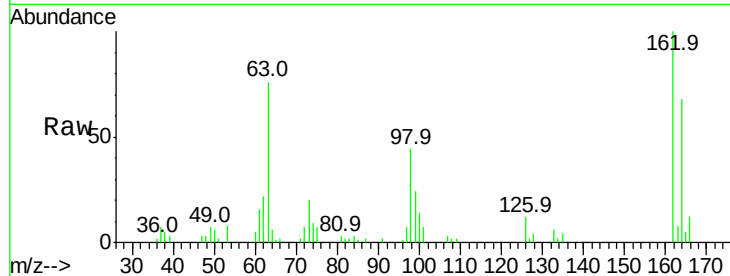




#29
2,4-Dichlorophenol
Concen: 37.46 ng
RT: 10.62 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

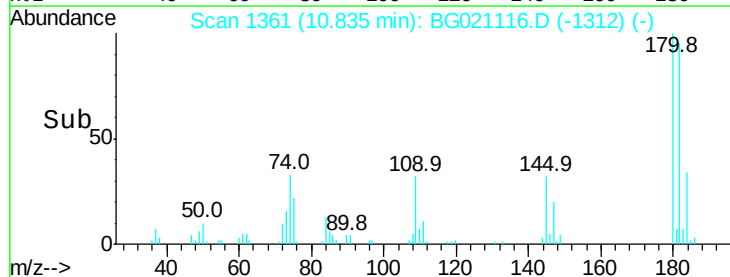
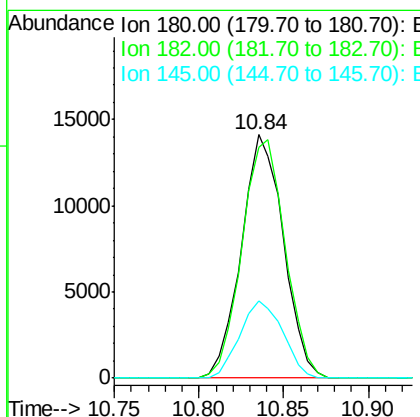
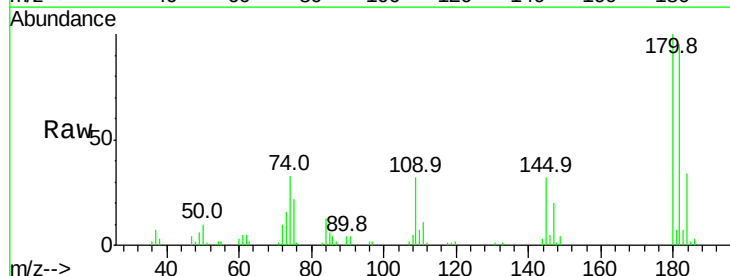
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

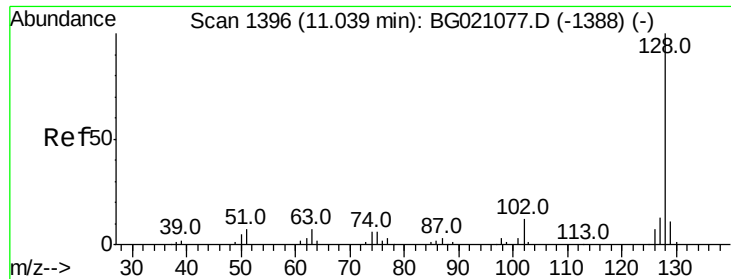
Tot Ion:162 Resp: 22430
Ion Ratio Lower Upper
162 100
164 67.7 43.7 83.7
98 43.9 18.3 58.3



#30
1,2,4-Trichlorobenzene
Concen: 36.10 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:180 Resp: 24495
Ion Ratio Lower Upper
180 100
182 94.8 77.4 116.0
145 31.9 25.7 38.5

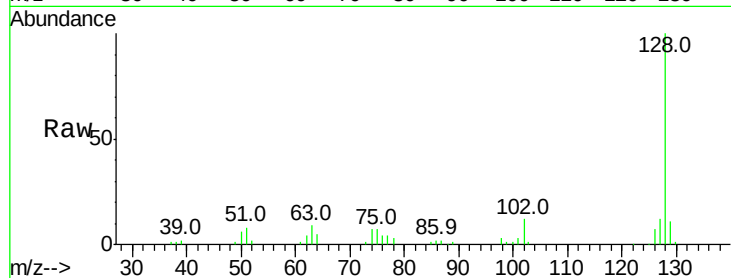




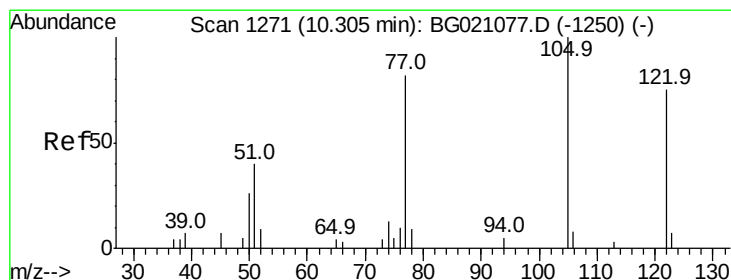
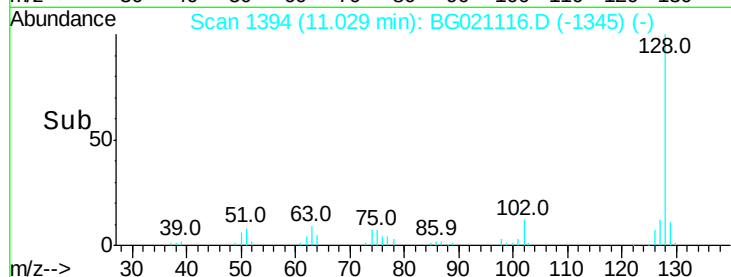
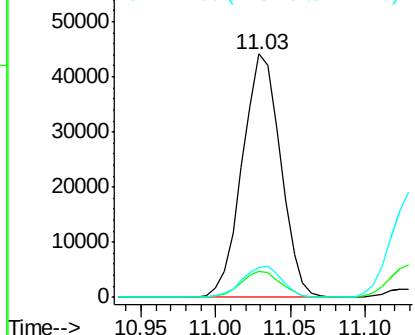
#31
Naphthalene
Concen: 40.35 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 78405
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 12.4 10.8 16.2

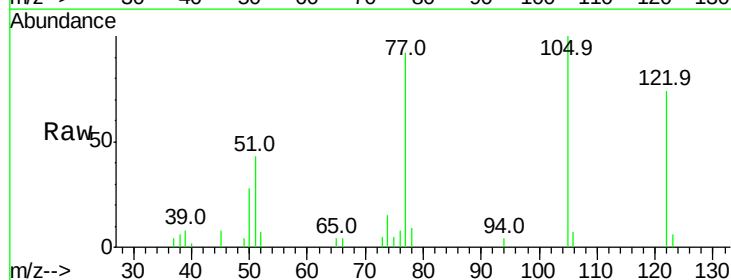


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

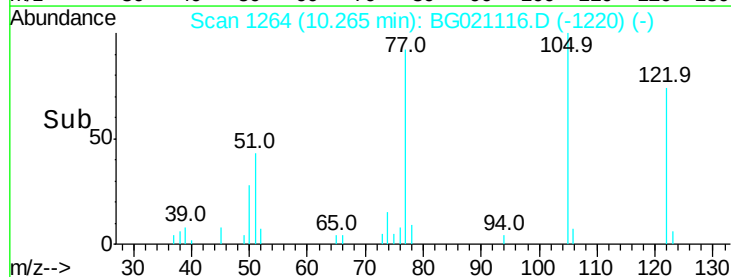
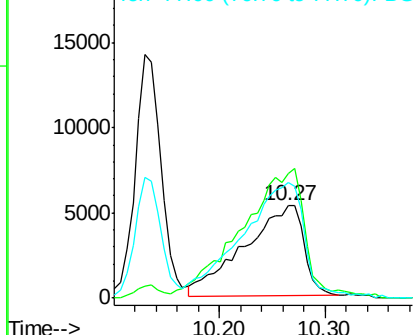


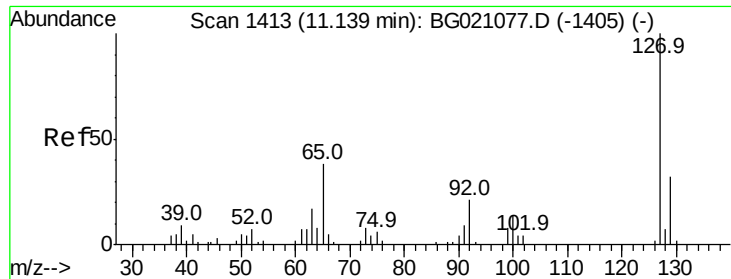
#32
Benzoic acid
Concen: 36.90 ng
RT: 10.27 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:122 Resp: 20724
Ion Ratio Lower Upper
122 100
105 134.5 98.7 138.7
77 124.4 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

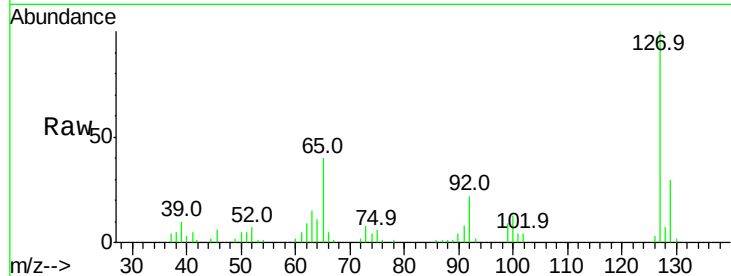




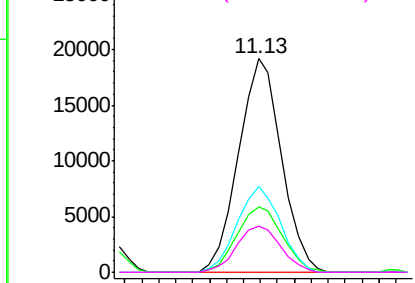
#33
4-Chloroaniline
Concen: 41.43 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

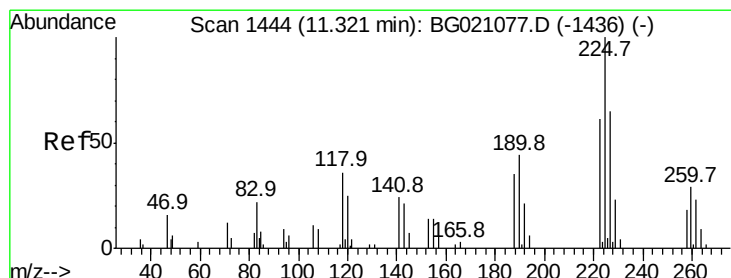
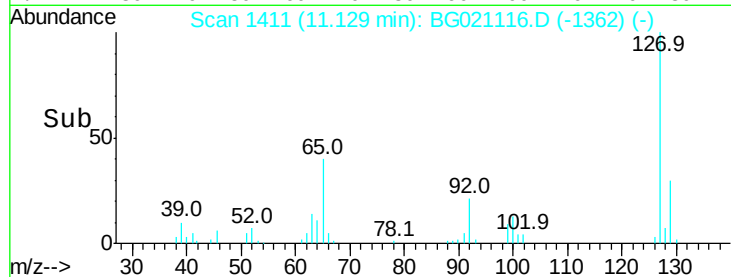
Tot Ion:	127	Resp:	33624
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.2
65	40.2	22.9	34.3#
92	21.8	15.0	22.6



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

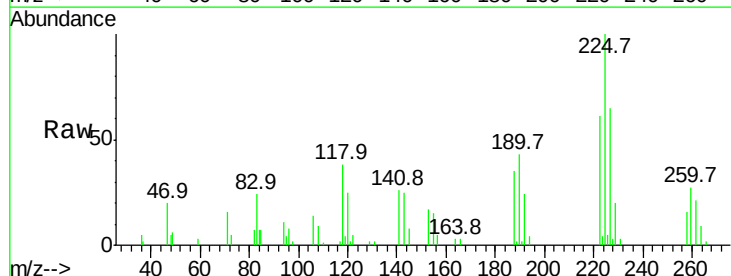


Time--> 11.05 11.10 11.15 11.20

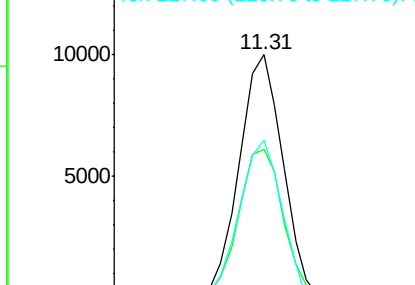


#34
Hexachlorobutadiene
Concen: 36.93 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

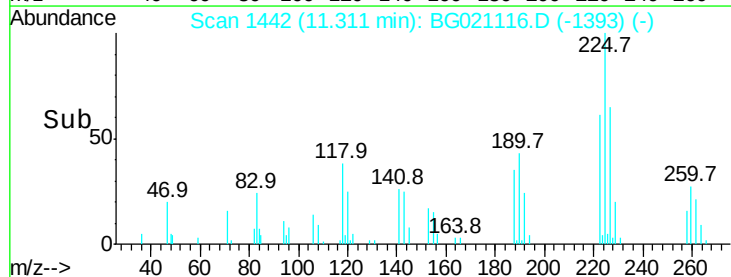
Tgt Ion:	225	Resp:	16771
Ion	Ratio	Lower	Upper
225	100		
223	61.9	54.6	82.0
227	64.2	54.6	81.8

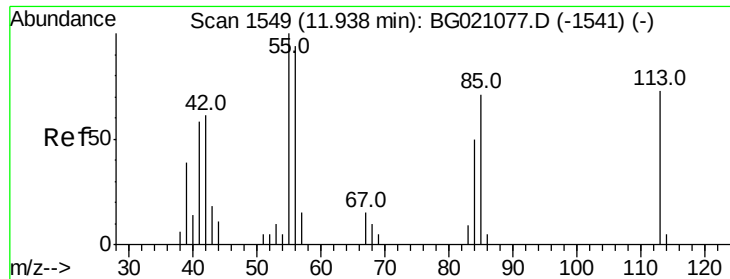


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



Time--> 11.25 11.30 11.35





#35

Caprolactam

Concen: 45.31 ng

RT: 11.91 min Scan# 1544

Delta R.T. -0.03 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

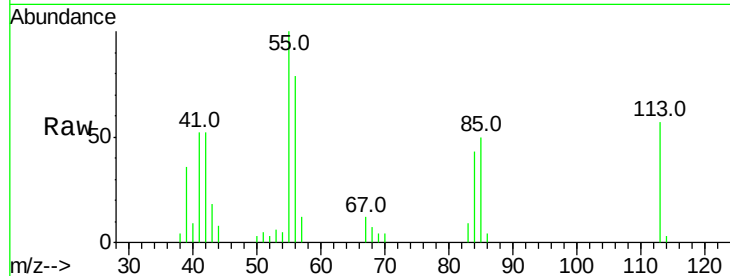
Tot Ion:113 Resp: 9167

Ion Ratio Lower Upper

113 100

55 176.1 155.2 195.2

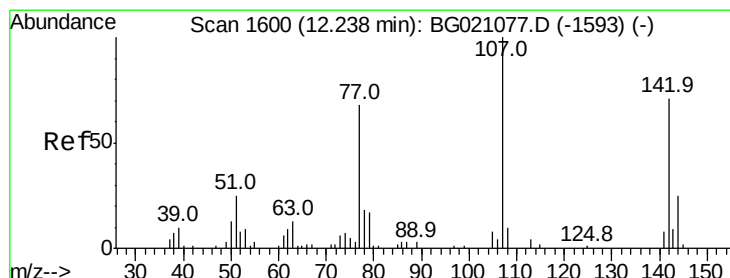
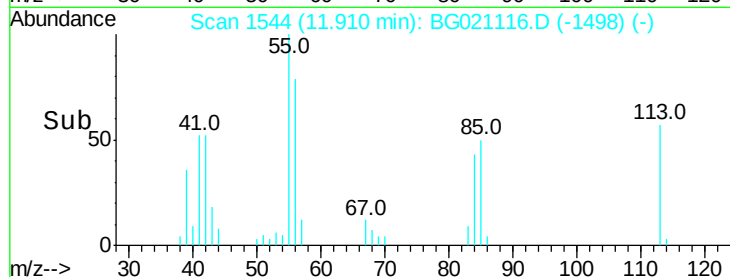
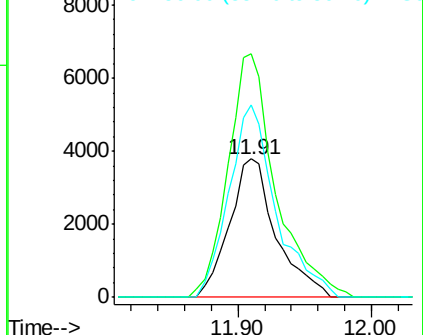
56 138.8 94.0 134.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.95 ng

RT: 12.23 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

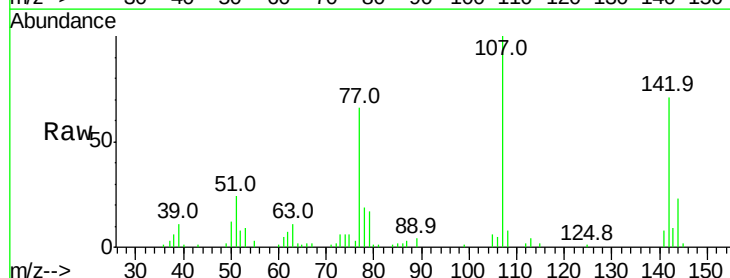
Tgt Ion:107 Resp: 30789

Ion Ratio Lower Upper

107 100

144 23.4 21.8 32.8

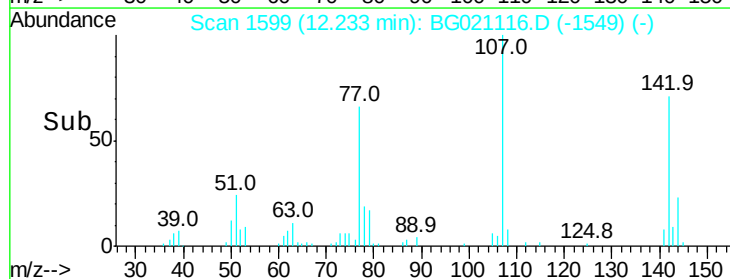
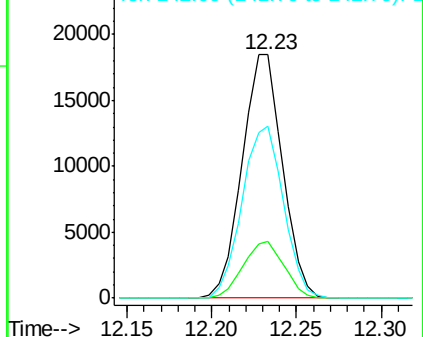
142 70.9 65.6 98.4

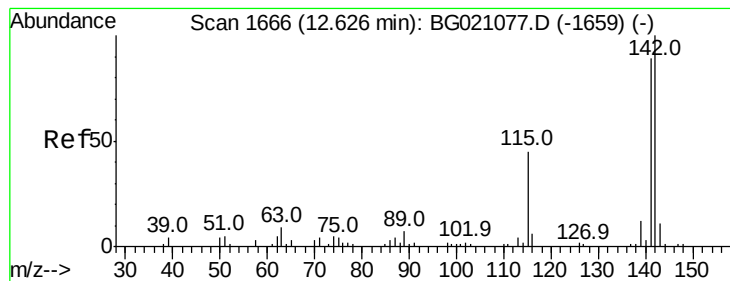


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.28 ng

RT: 12.62 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

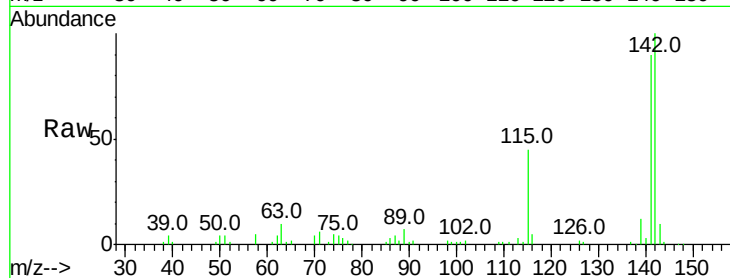
Tot Ion:142 Resp: 53602

Ion Ratio Lower Upper

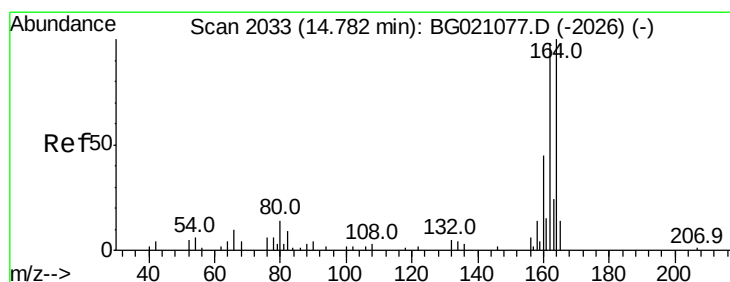
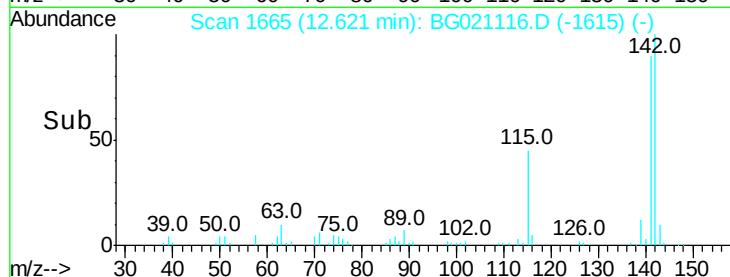
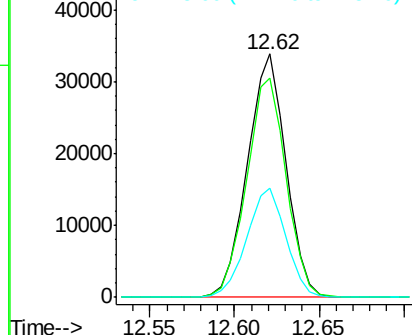
142 100

141 90.3 71.7 107.5

115 45.0 26.2 39.4#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

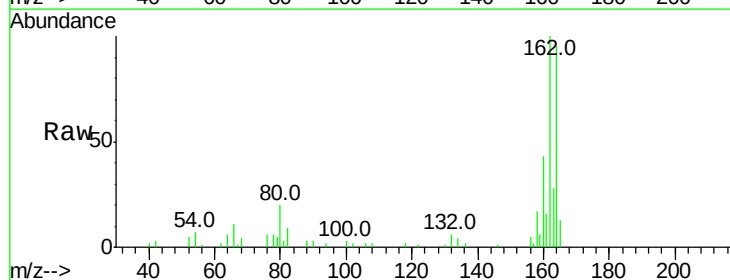
Tgt Ion:164 Resp: 24528

Ion Ratio Lower Upper

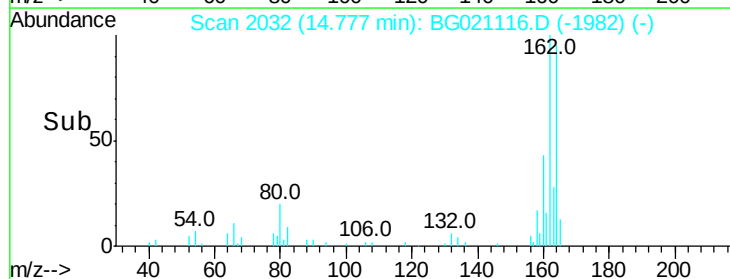
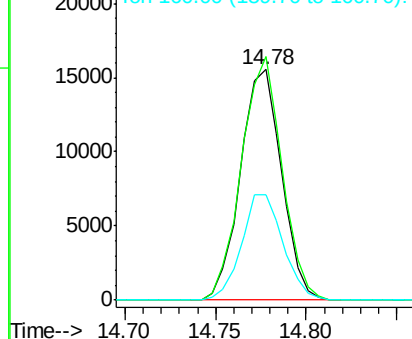
164 100

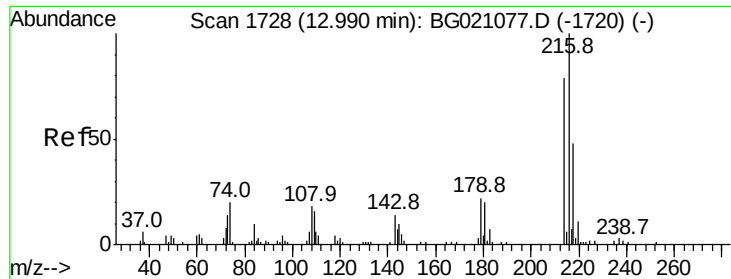
162 105.6 80.6 120.8

160 45.8 36.5 54.7



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.92 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 31649

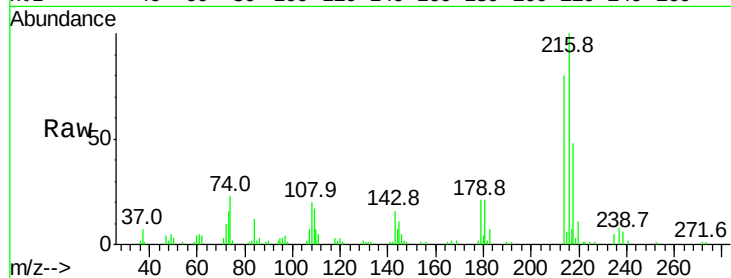
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 21.9 17.4 26.0

108 23.2 16.8 25.2

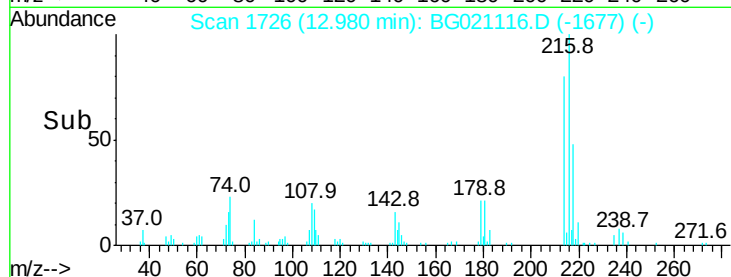


Abundance Ion 216.00 (215.70 to 216.70): E

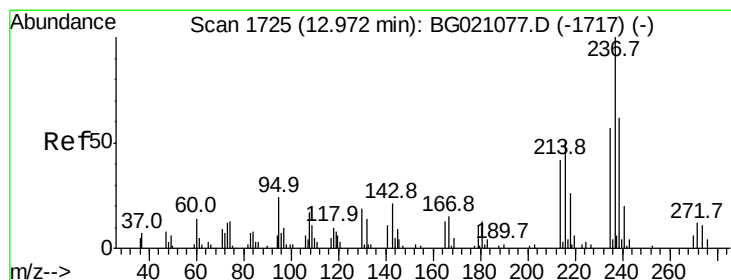
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.90 12.95 13.00



#40

Hexachlorocyclopentadiene

Concen: 33.83 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

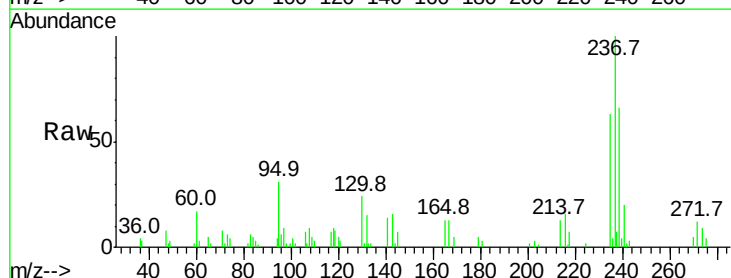
Tgt Ion:237 Resp: 20163

Ion Ratio Lower Upper

237 100

235 63.1 42.9 82.9

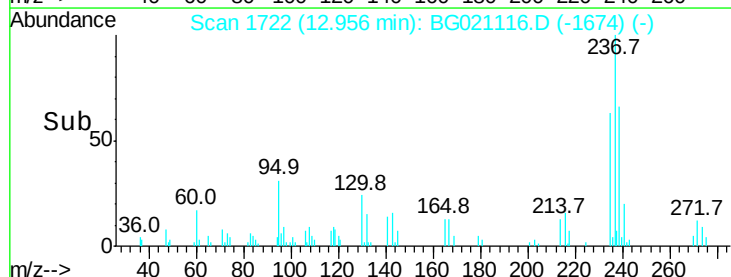
272 11.6 0.0 32.3



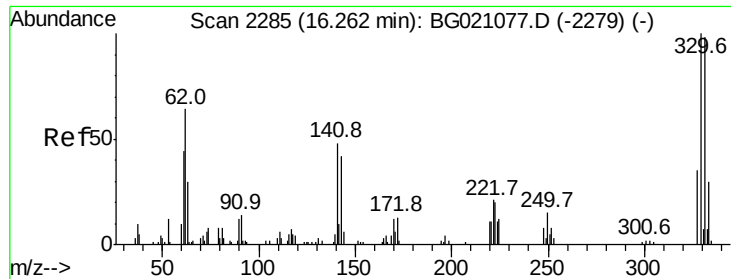
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 12.90 12.95 13.00



#41

2,4,6-Tribromophenol

Concen: 69.40 ng

RT: 16.25 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

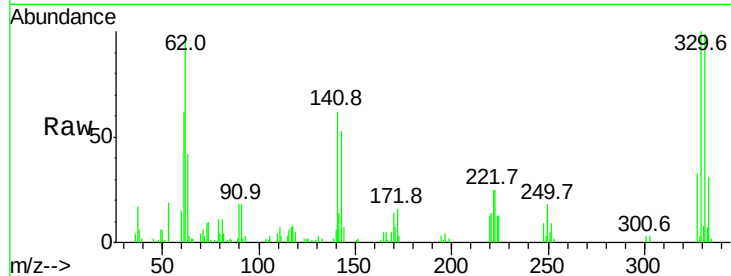
Tot Ion:330 Resp: 22319

Ion Ratio Lower Upper

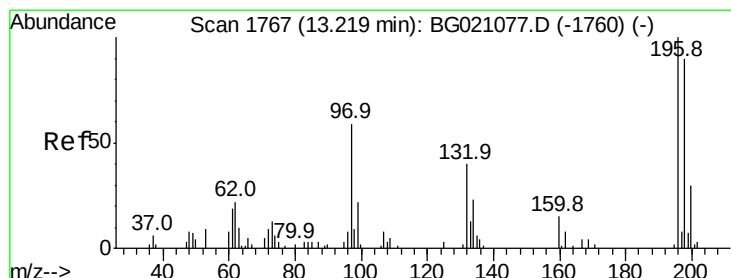
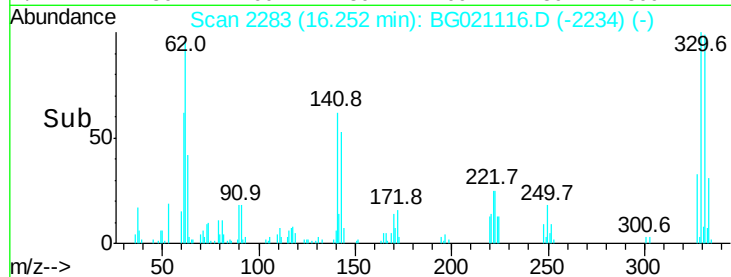
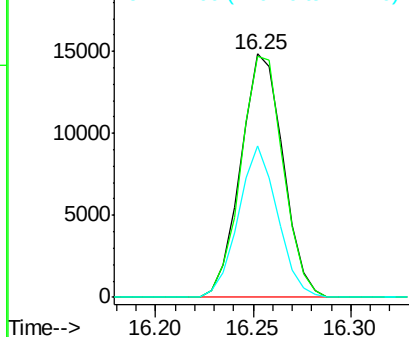
330 100

332 98.6 77.4 116.0

141 57.5 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: 38.23 ng

RT: 13.21 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

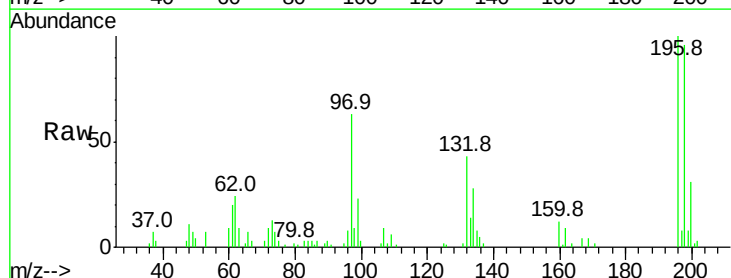
Tgt Ion:196 Resp: 21732

Ion Ratio Lower Upper

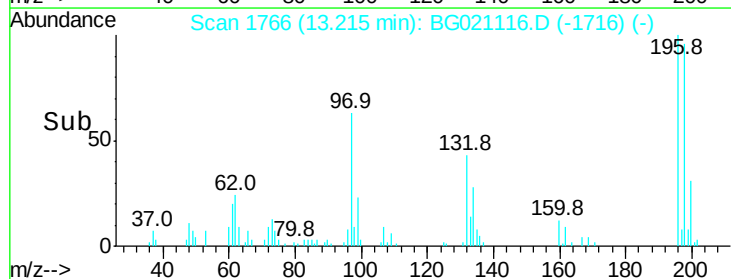
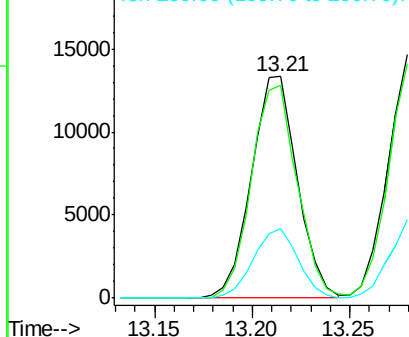
196 100

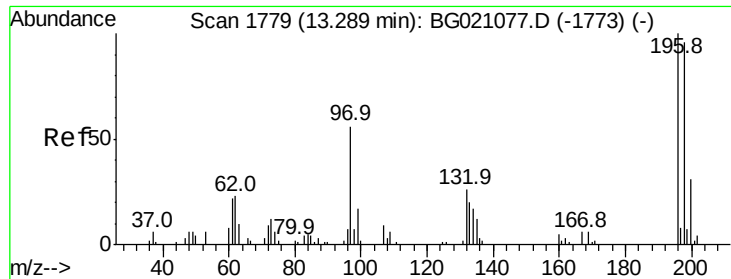
198 96.1 75.8 113.8

200 31.3 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

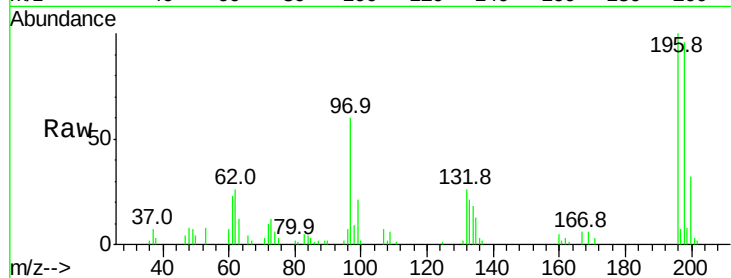




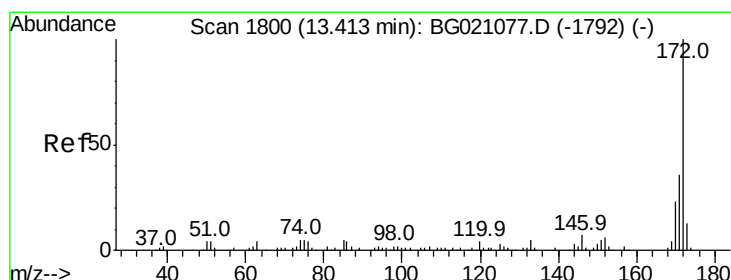
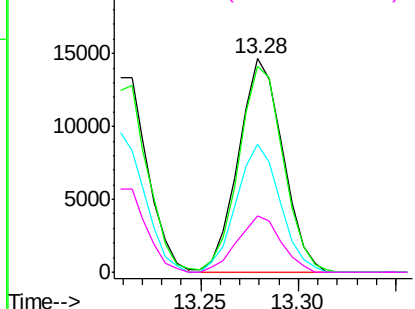
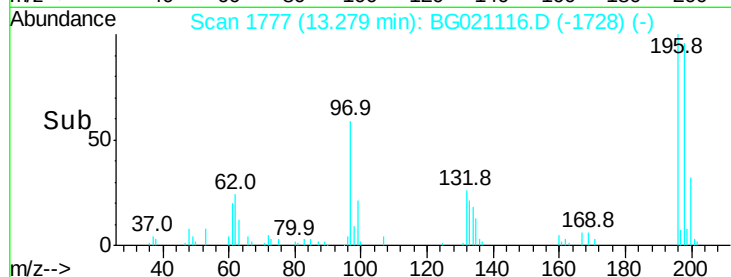
#43
 2,4,5-Trichlorophenol
 Concen: 39.52 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	23082
Ion	Ratio	Lower	Upper
196	100		
198	96.3	80.2	120.4
97	60.2	42.9	64.3
132	26.1	25.5	38.3

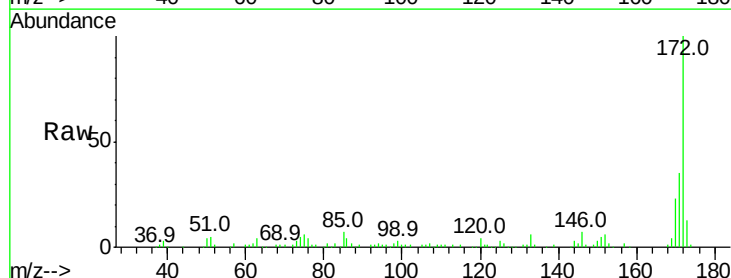


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

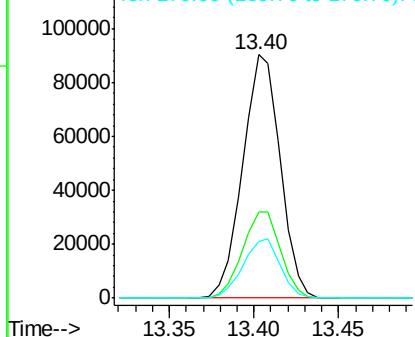
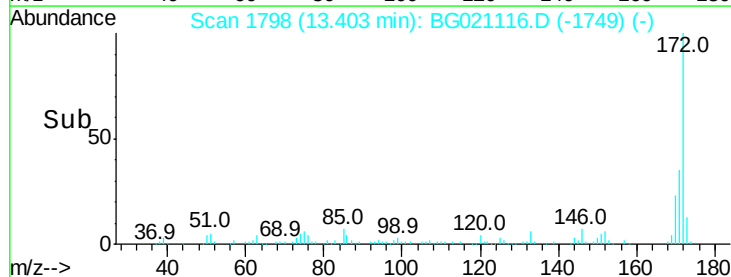


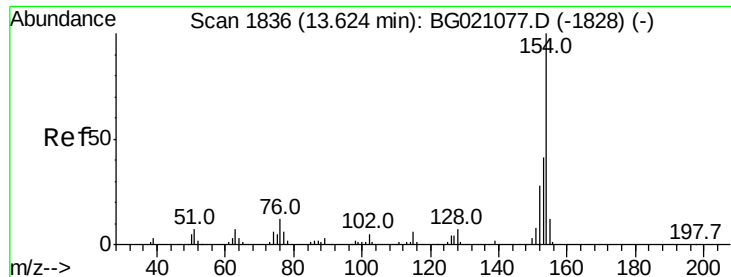
#44
 2-Fluorobiphenyl
 Concen: 72.83 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion:	172	Resp:	139602
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.4	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 38.26 ng

RT: 13.61 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

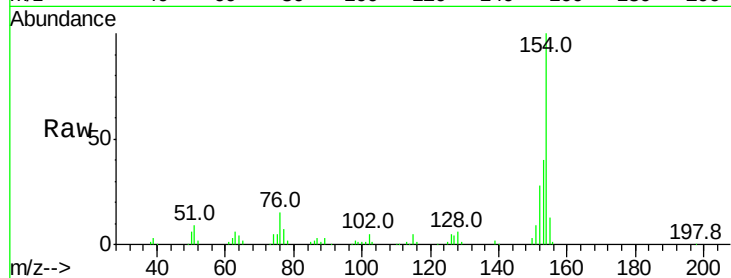
Tot Ion:154 Resp: 79024

Ion Ratio Lower Upper

154 100

153 40.0 19.8 59.8

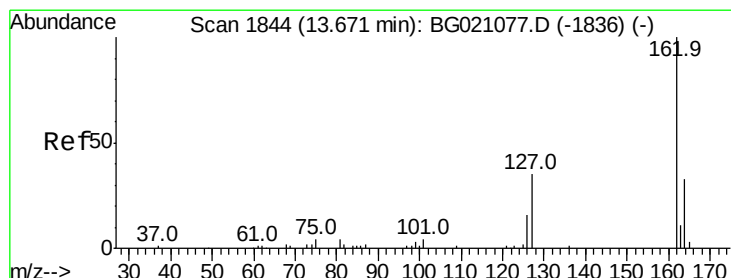
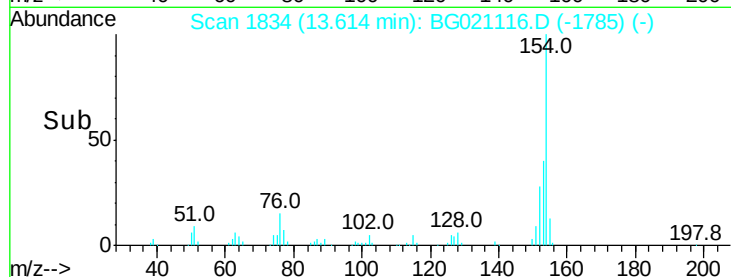
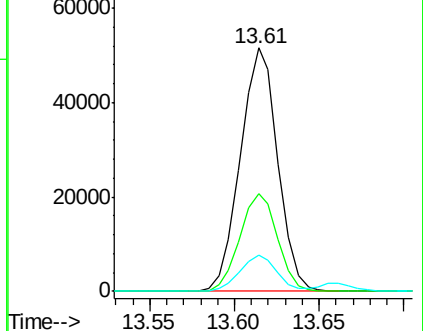
76 15.1 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.30 ng

RT: 13.66 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

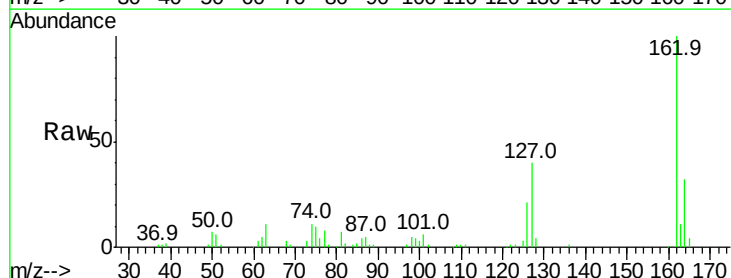
Tgt Ion:162 Resp: 60024

Ion Ratio Lower Upper

162 100

127 40.5 31.8 47.8

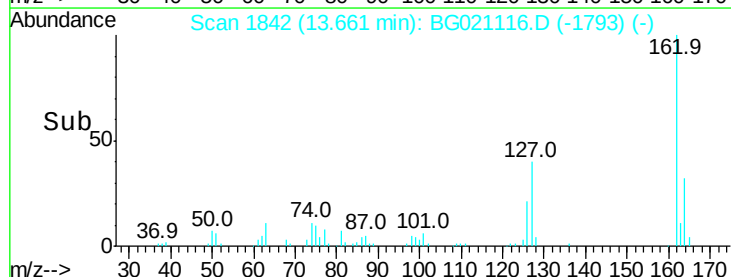
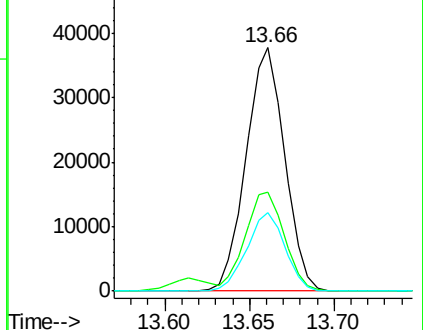
164 32.3 26.3 39.5

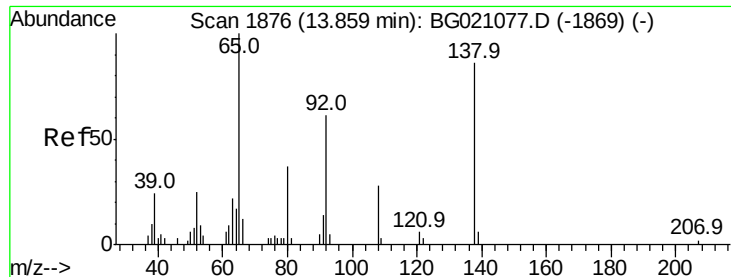


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.72 ng

RT: 13.86 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

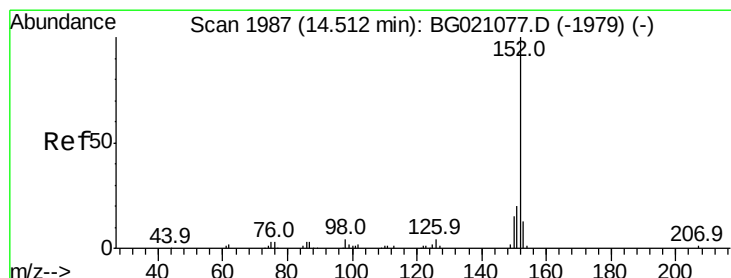
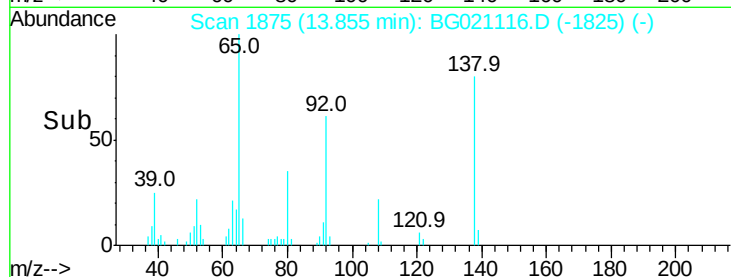
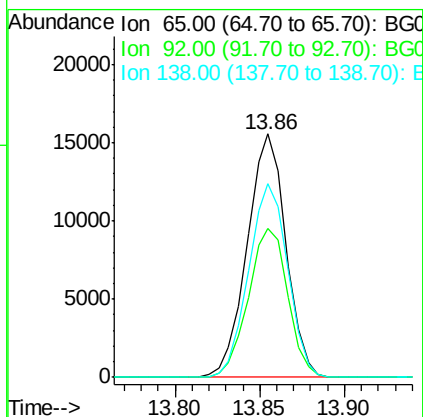
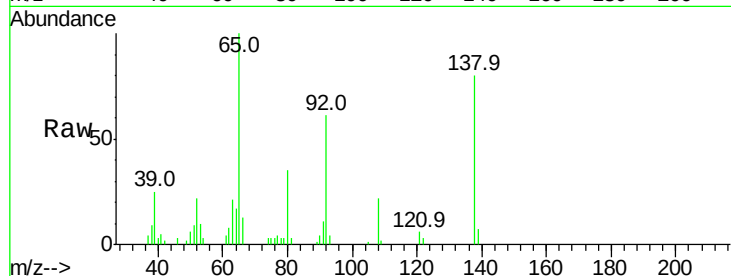
Tot Ion: 65 Resp: 24738

Ion Ratio Lower Upper

65 100

92 61.2 54.6 82.0

138 79.7 94.9 142.3#



#48

Acenaphthylene

Concen: 39.58 ng

RT: 14.50 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

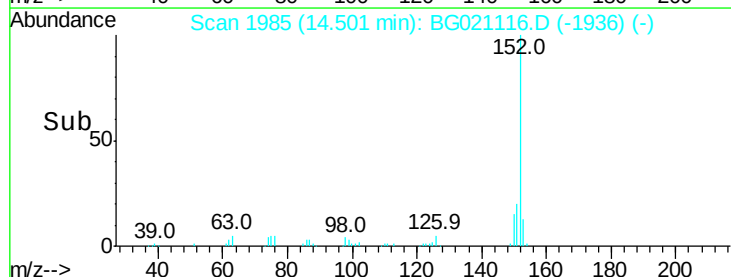
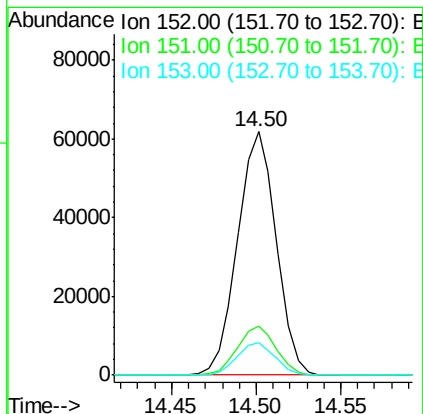
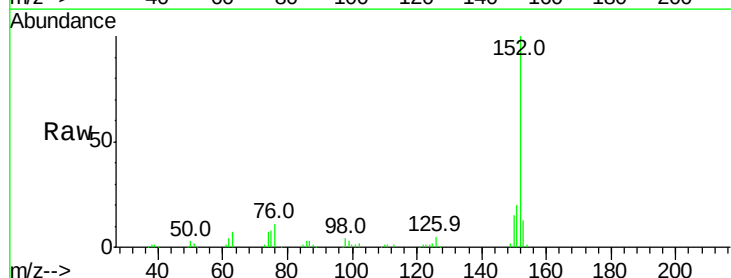
Tgt Ion: 152 Resp: 98150

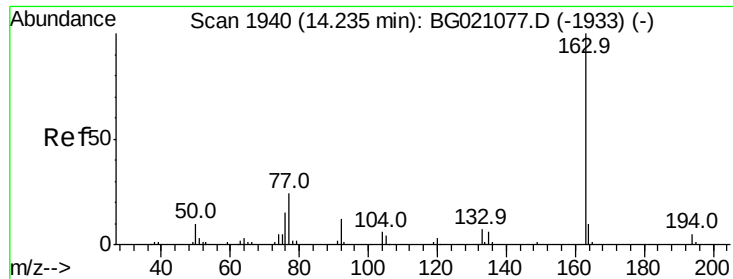
Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.2 10.2 15.2





#49

Dimethylphthalate

Concen: 39.16 ng

RT: 14.23 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

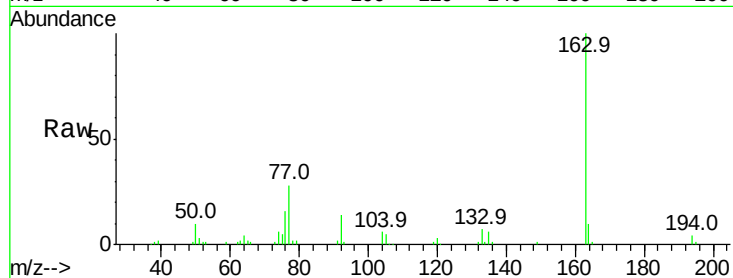
Tot Ion:163 Resp: 82779

Ion Ratio Lower Upper

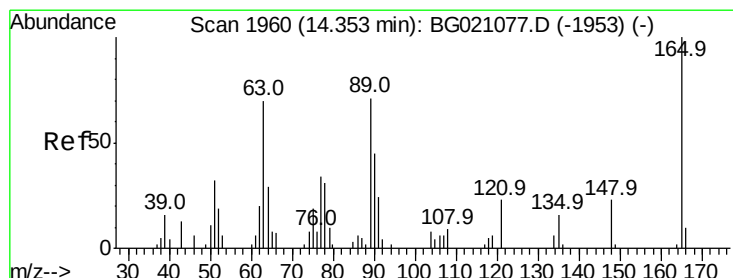
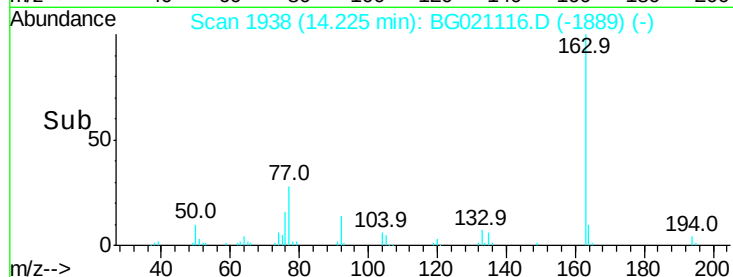
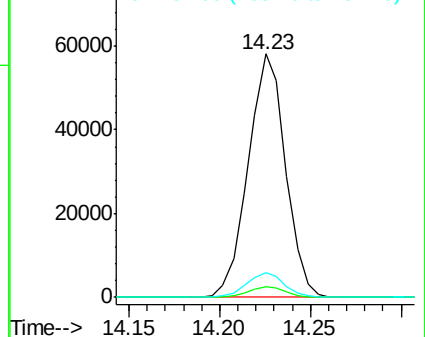
163 100

194 4.4 2.8 4.2#

164 10.2 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: 40.42 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

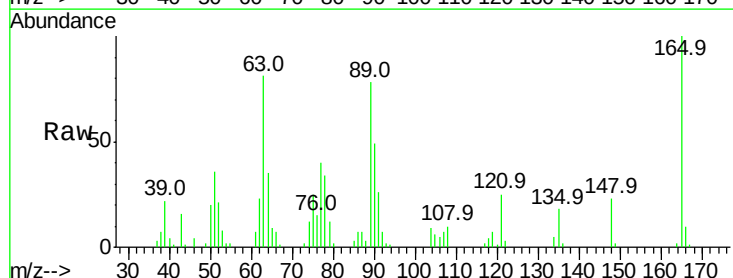
Tgt Ion:165 Resp: 17577

Ion Ratio Lower Upper

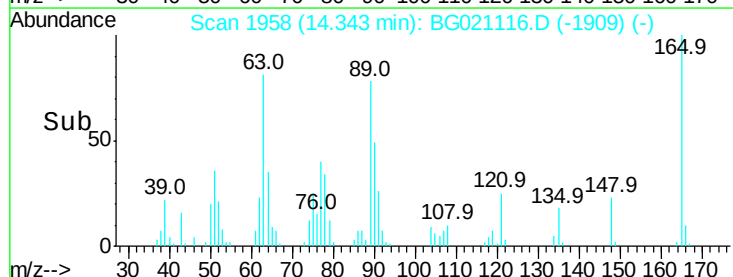
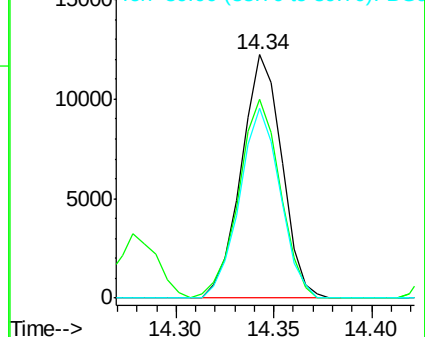
165 100

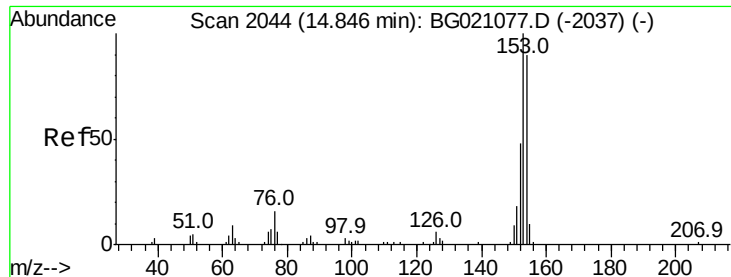
63 81.5 42.1 63.1#

89 78.2 46.1 69.1#



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





#51

Acenaphthene

Concen: 39.14 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

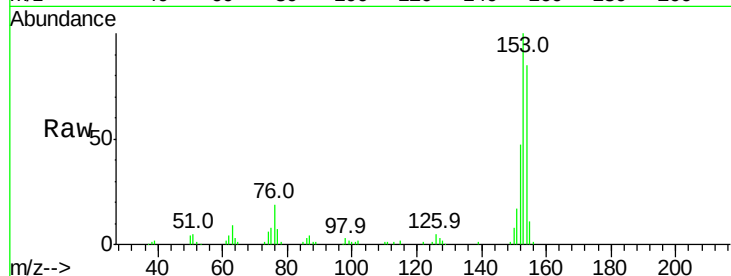
Tot Ion:154 Resp: 66203

Ion Ratio Lower Upper

154 100

153 117.9 94.2 141.2

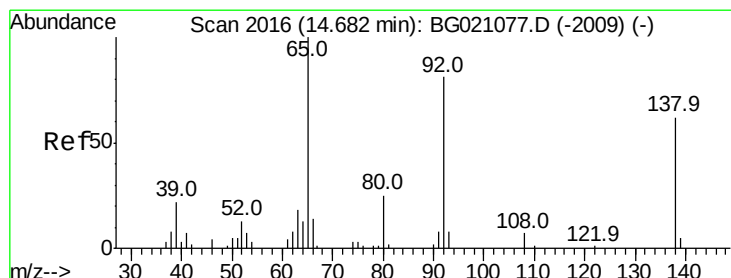
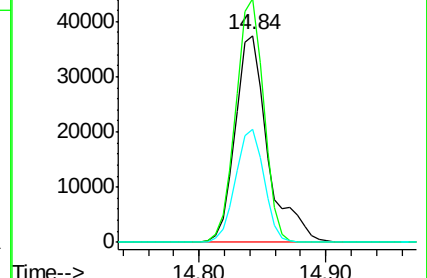
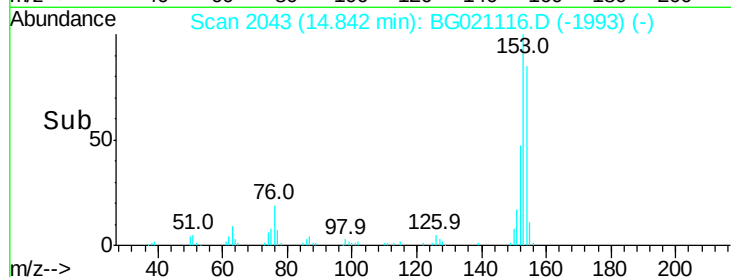
152 55.0 42.9 64.3



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: 44.08 ng

RT: 14.67 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

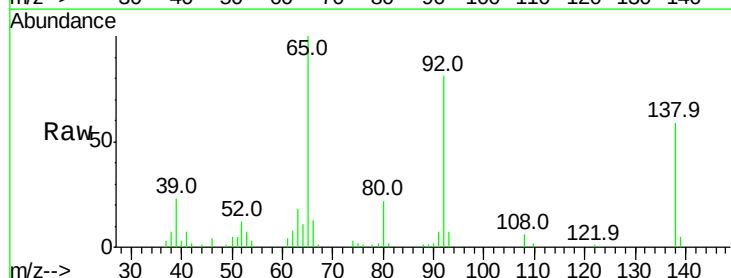
Tgt Ion:138 Resp: 18653

Ion Ratio Lower Upper

138 100

108 10.5 5.8 8.6#

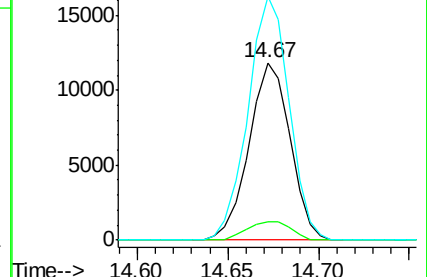
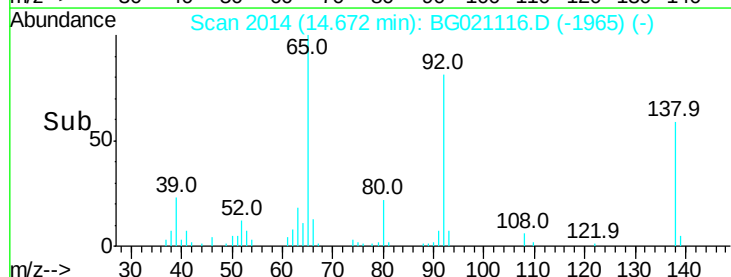
92 137.4 83.6 125.4#

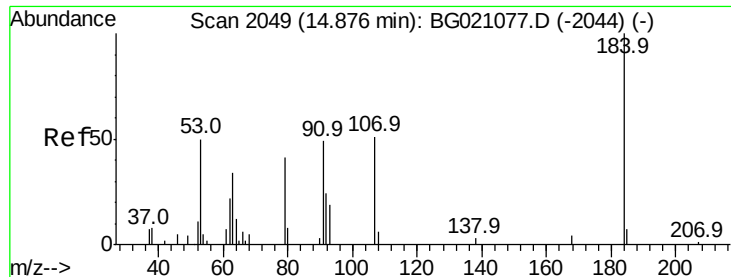


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

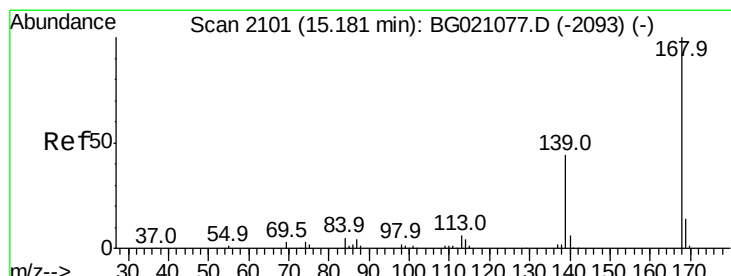
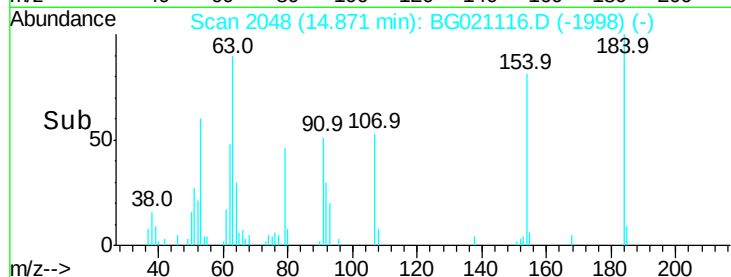
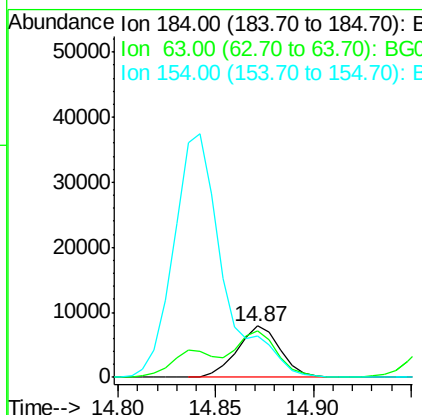
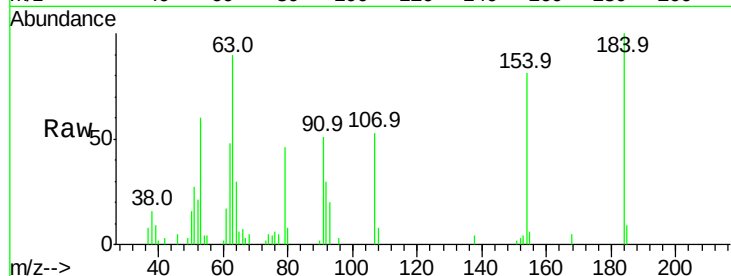




#53
2,4-Dinitrophenol
Concen: 39.23 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

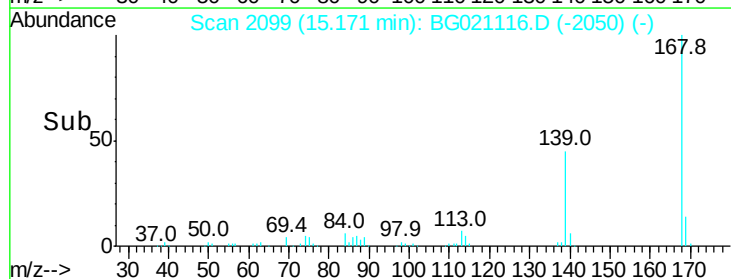
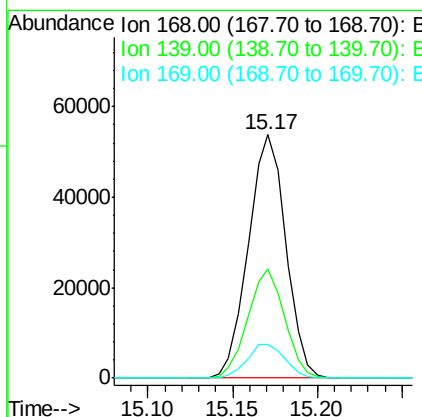
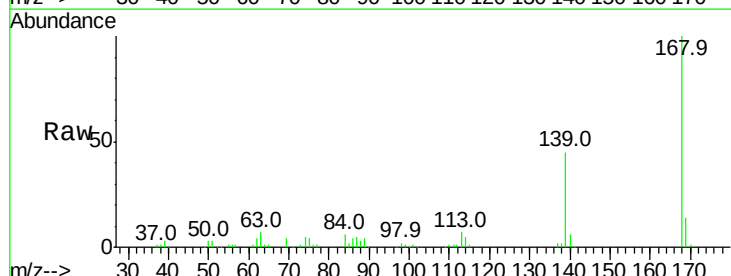
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

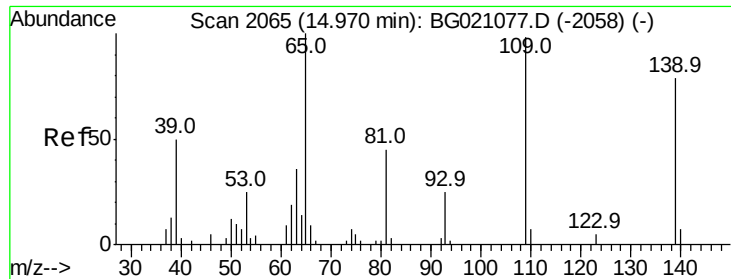
Tot Ion:184 Resp: 11897
Ion Ratio Lower Upper
184 100
63 90.3 57.0 85.6#
154 80.9 51.3 76.9#



#54
Dibenzofuran
Concen: 38.73 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:168 Resp: 82969
Ion Ratio Lower Upper
168 100
139 45.1 29.8 44.8#
169 14.1 11.4 17.2

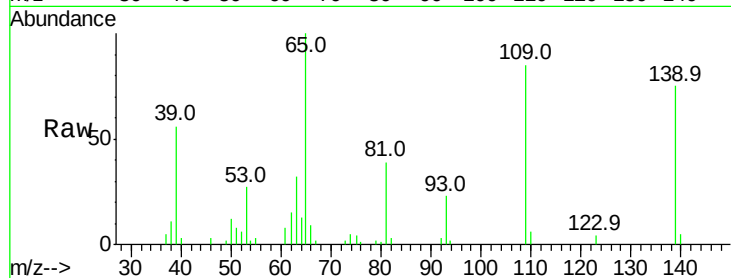




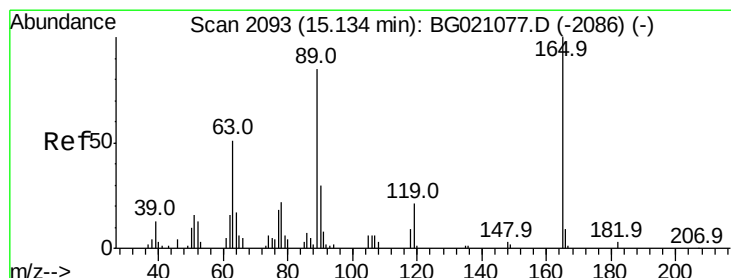
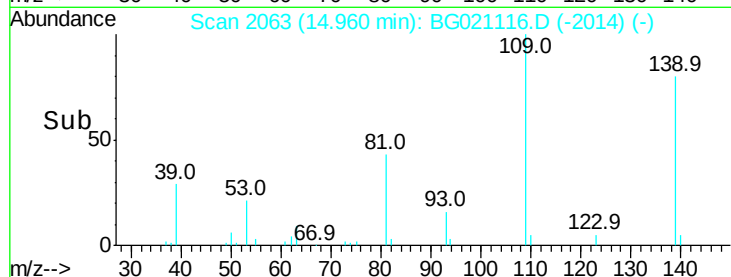
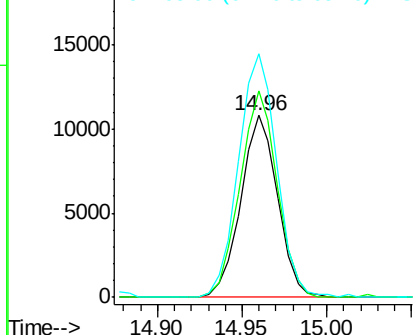
#55
4-Nitrophenol
Concen: 43.44 ng
RT: 14.96 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 16305
Ion Ratio Lower Upper
139 100
109 113.6 54.1 94.1#
65 133.9 73.4 113.4#

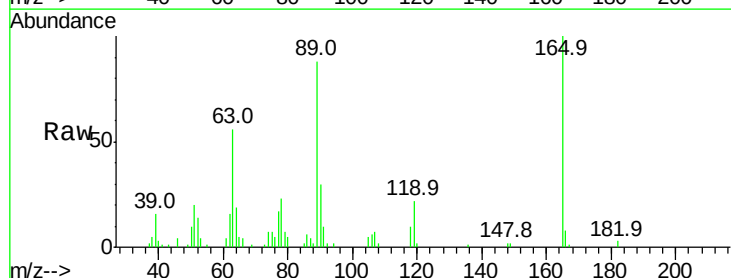


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

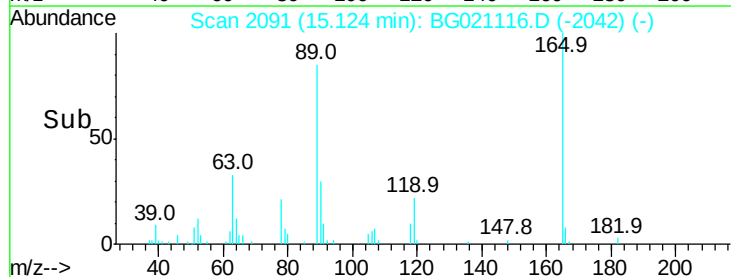
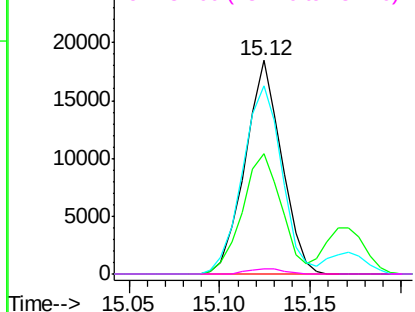


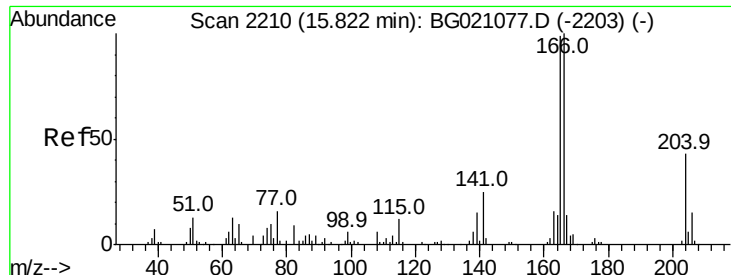
#56
2,4-Dinitrotoluene
Concen: 41.28 ng
RT: 15.12 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:165 Resp: 25743
Ion Ratio Lower Upper
165 100
63 56.2 34.1 51.1#
89 87.9 63.0 94.4
182 2.7 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: 38.76 ng

RT: 15.82 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

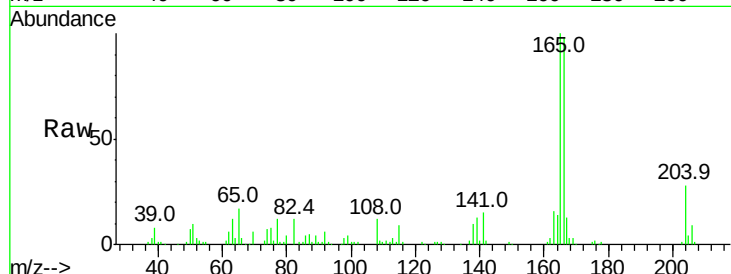
Tot Ion:166 Resp: 80799

Ion Ratio Lower Upper

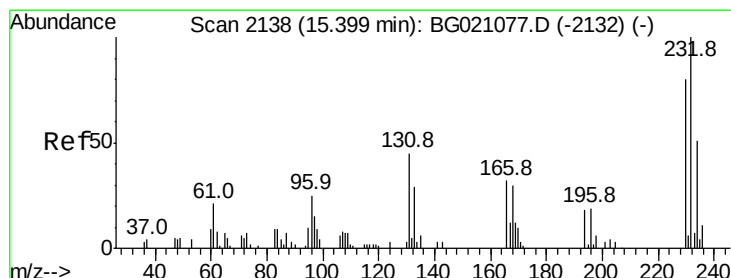
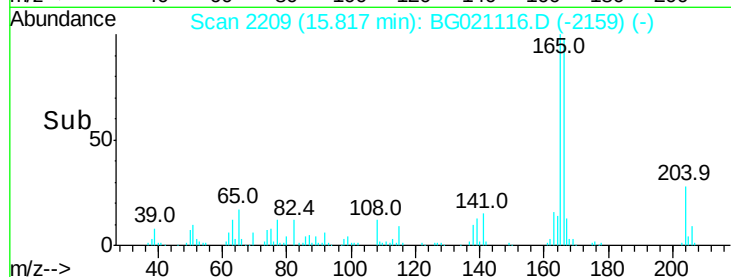
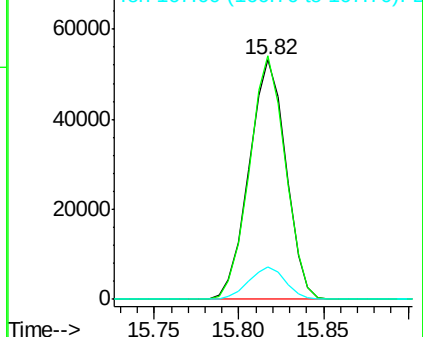
166 100

165 101.7 81.3 121.9

167 13.5 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: 38.04 ng

RT: 15.39 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Tgt Ion:232 Resp: 19309

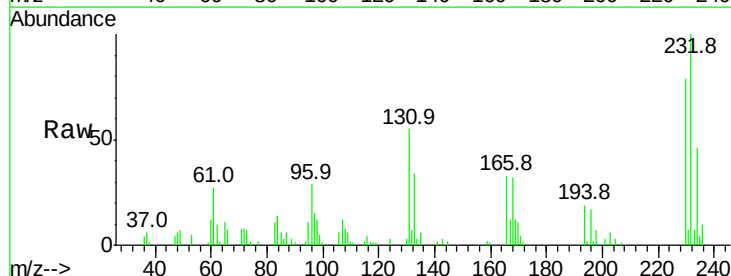
Ion Ratio Lower Upper

232 100

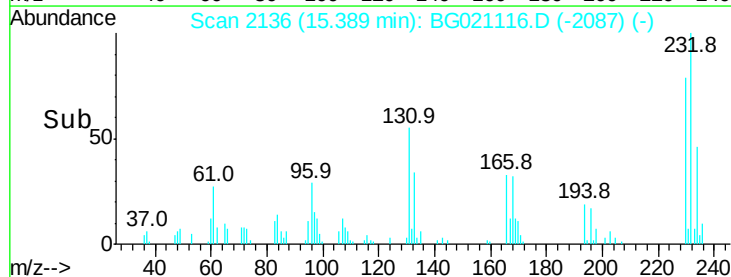
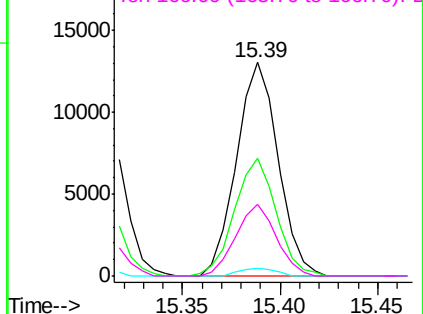
131 54.9 41.4 62.2

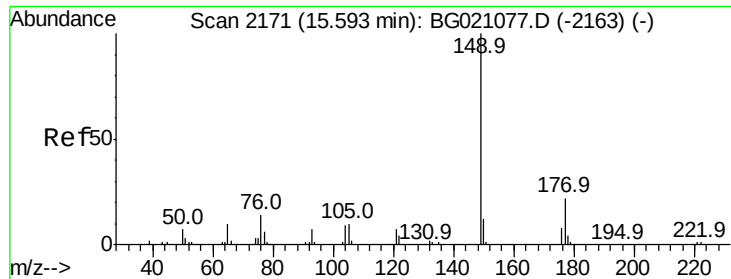
130 3.1 1.8 2.8#

166 32.3 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

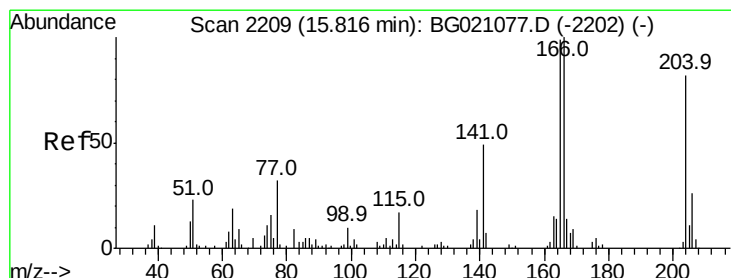
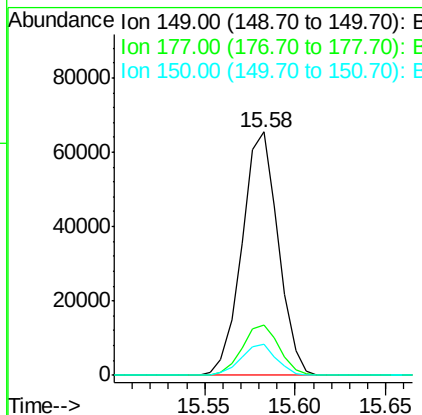
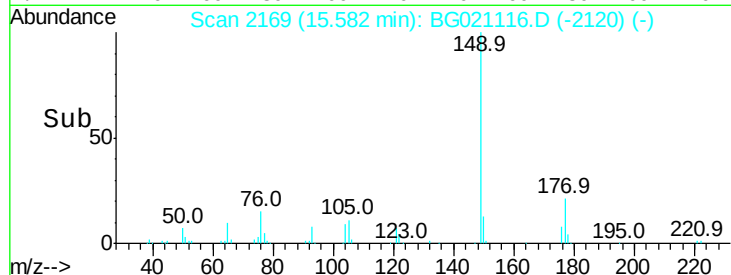
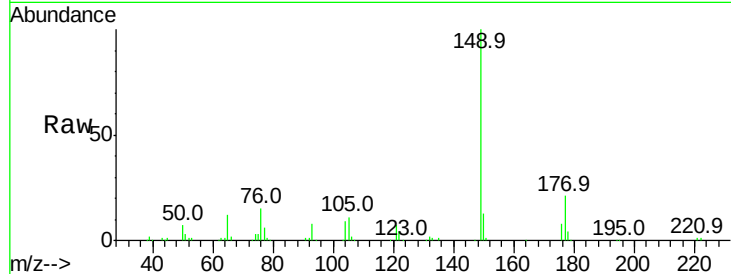




#59
Diethylphthalate
Concen: 40.71 ng
RT: 15.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

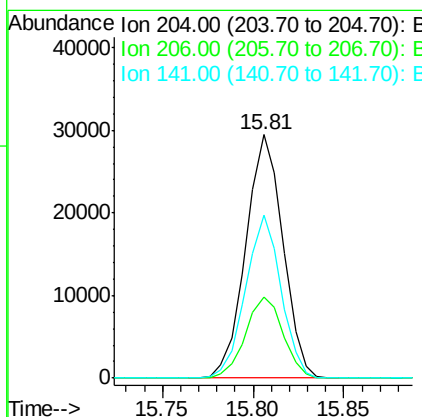
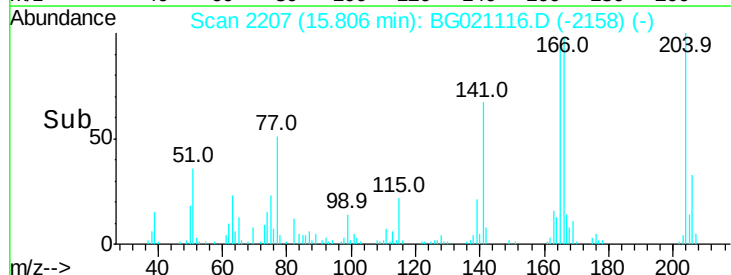
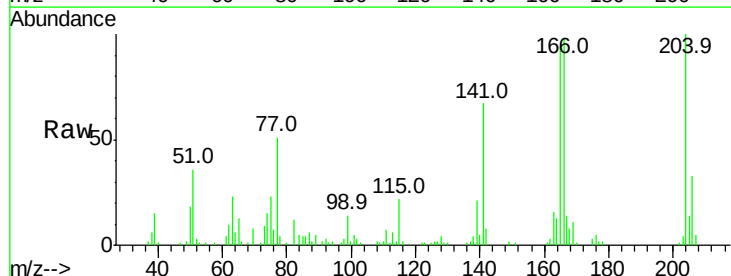
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

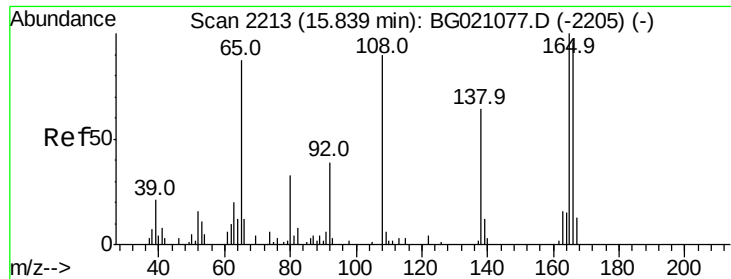
Tot Ion:149 Resp: 90694
Ion Ratio Lower Upper
149 100
177 20.7 15.8 23.8
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.59 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:204 Resp: 41947
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 66.9 50.8 76.2

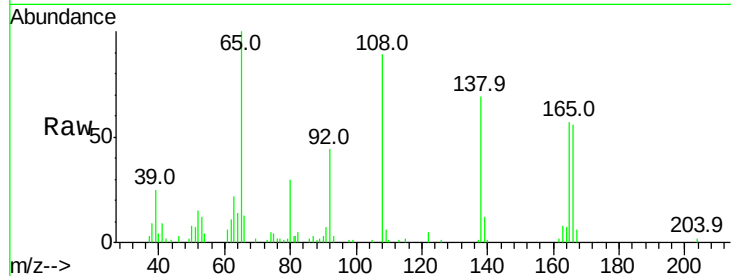




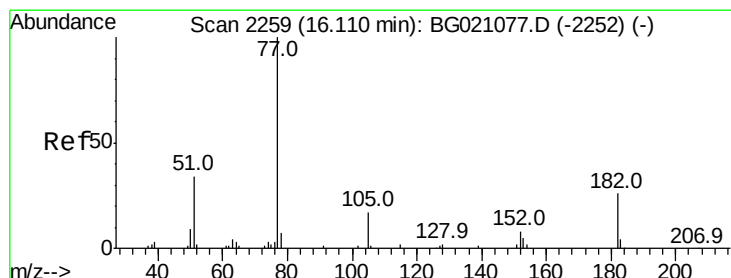
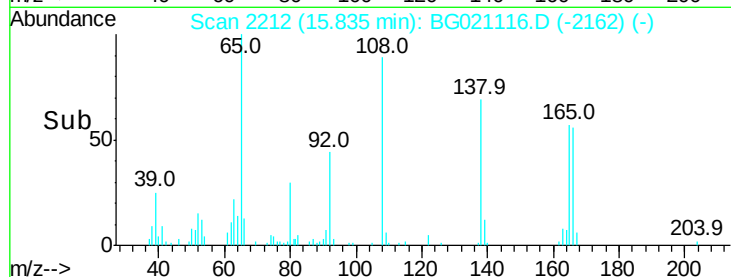
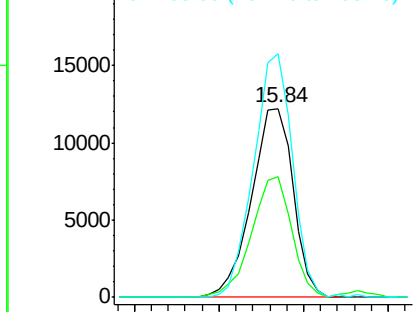
#61
4-Nitroaniline
Concen: 43.58 ng
RT: 15.84 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 21001
Ion Ratio Lower Upper
138 100
92 63.6 28.0 68.0
108 128.7 52.6 92.6#

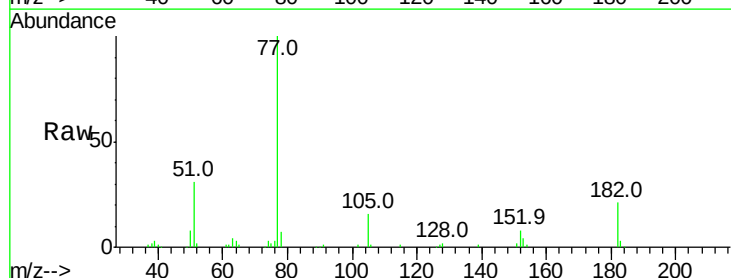


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

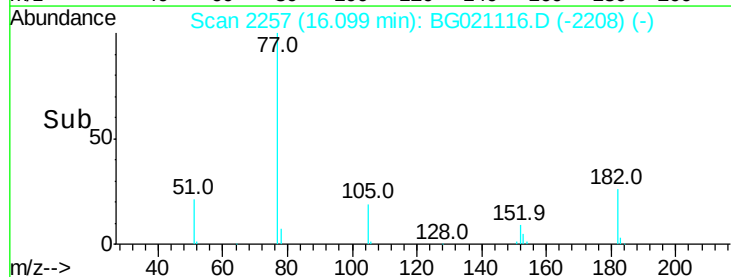
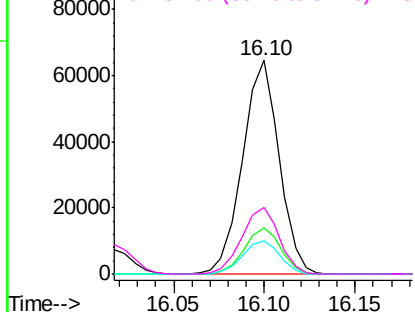


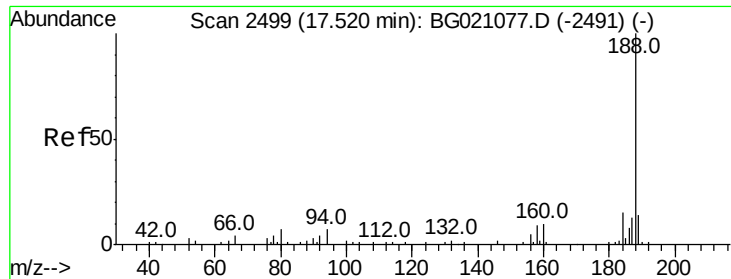
#62
Azobenzene
Concen: 46.76 ng
RT: 16.10 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion: 77 Resp: 90253
Ion Ratio Lower Upper
77 100
182 21.3 0.7 40.7
105 15.6 0.0 38.3
51 31.1 4.4 44.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampled :

SSTDCCC040

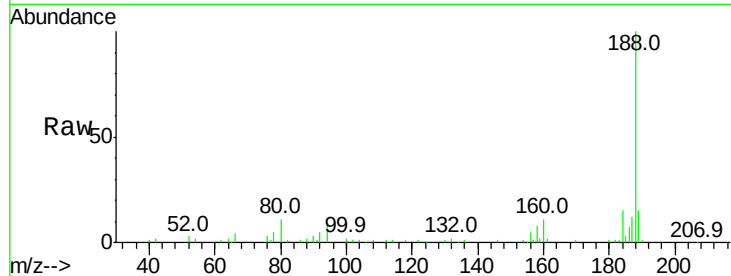
Tot Ion:188 Resp: 60050

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.4

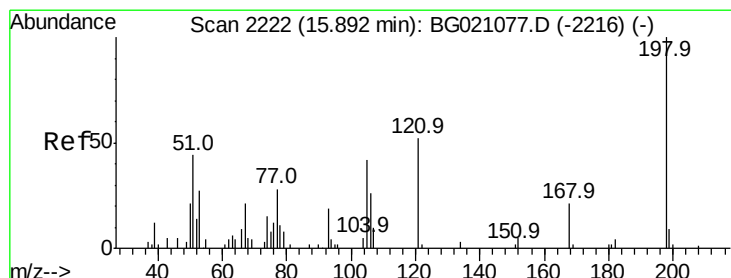
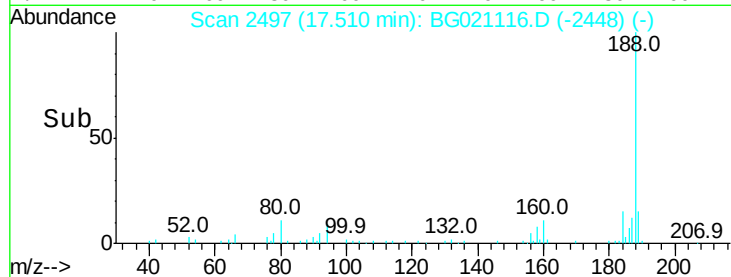
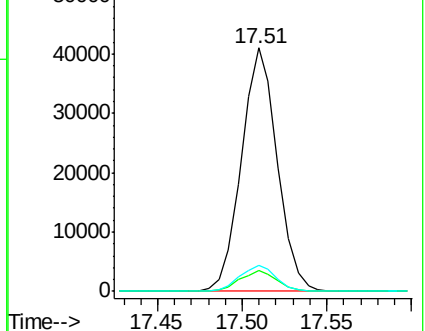
80 10.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 39.12 ng

RT: 15.88 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

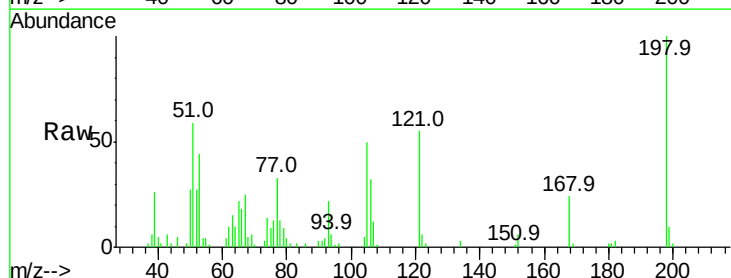
Tgt Ion:198 Resp: 17231

Ion Ratio Lower Upper

198 100

51 58.6 30.4 70.4

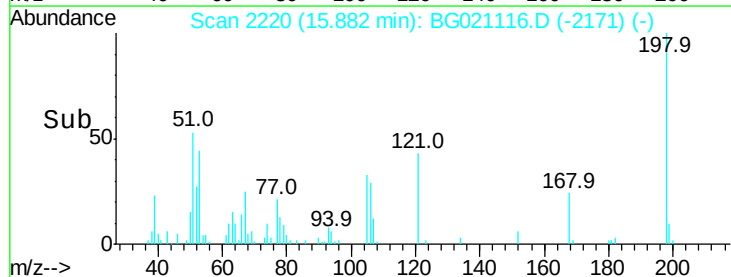
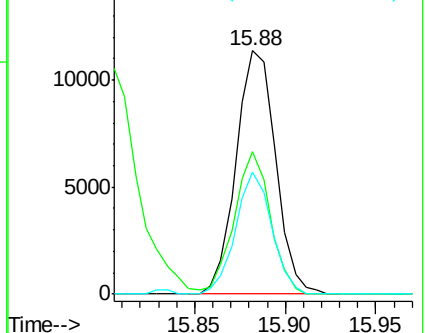
105 50.2 32.8 72.8

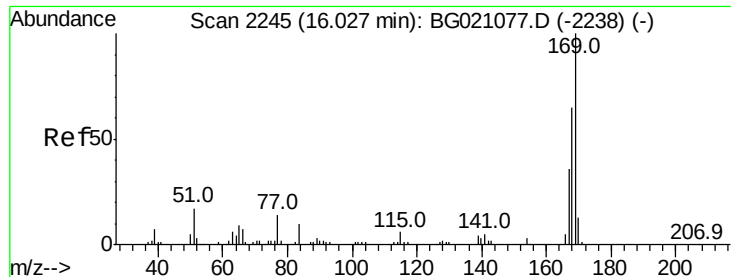


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

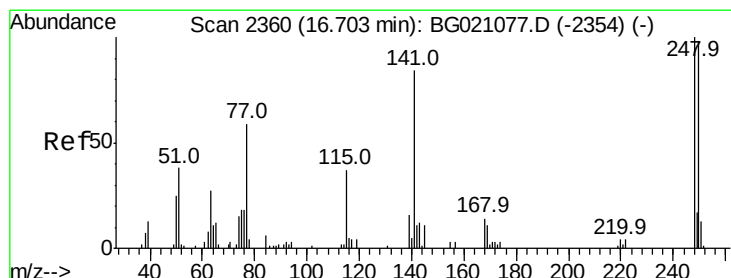
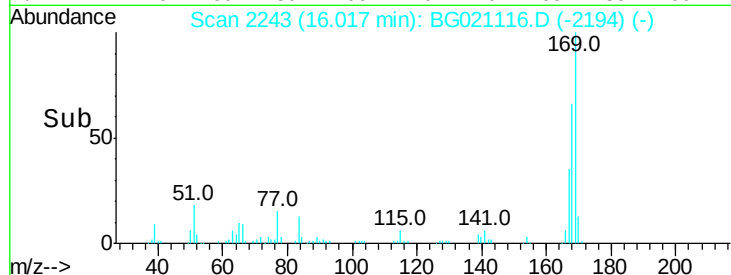
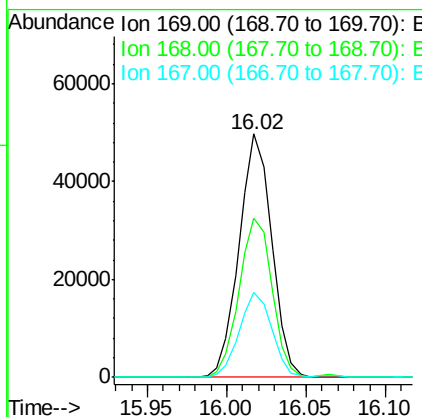
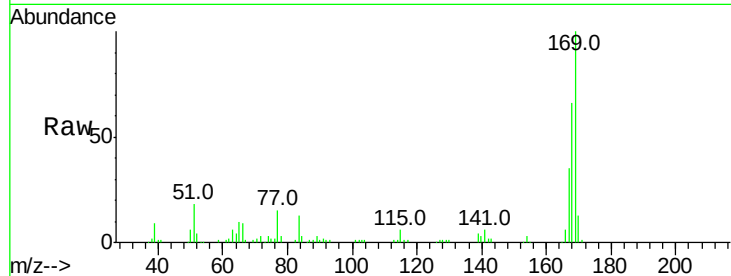




#65
n-Nitrosodiphenylamine
Concen: 40.14 ng
RT: 16.02 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

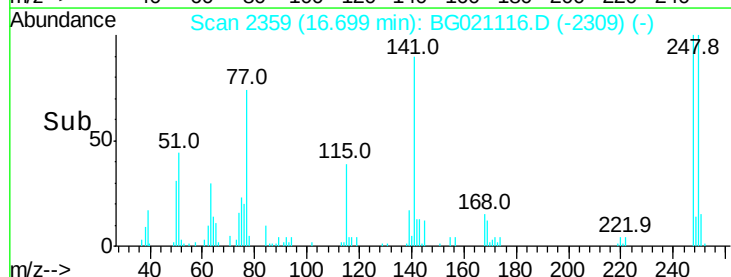
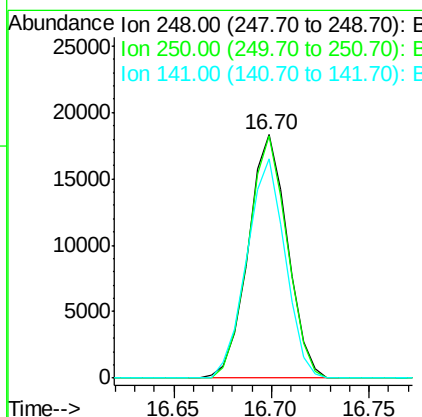
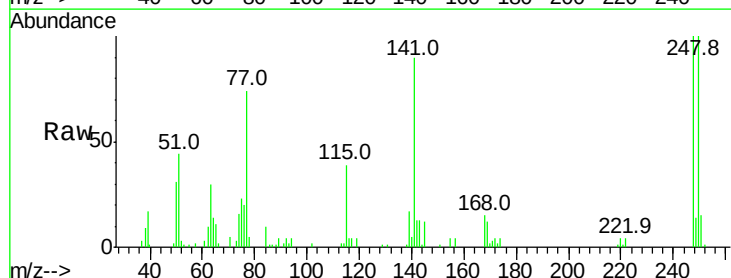
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

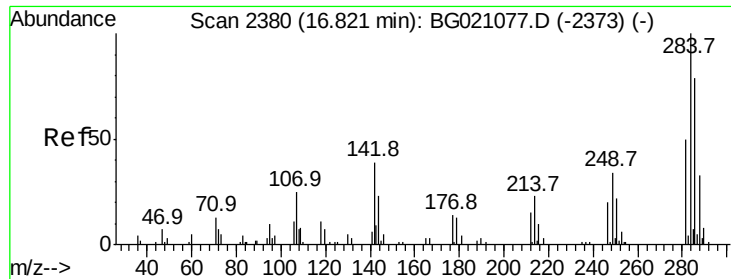
Tot Ion:169 Resp: 71111
Ion Ratio Lower Upper
169 100
168 65.5 58.2 87.2
167 35.0 31.0 46.6



#66
4-Bromophenyl-phenylether
Concen: 36.06 ng
RT: 16.70 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:248 Resp: 25496
Ion Ratio Lower Upper
248 100
250 99.7 76.4 114.6
141 90.3 57.4 86.0#





#67

Hexachlorobenzene

Concen: 34.51 ng

RT: 16.82 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

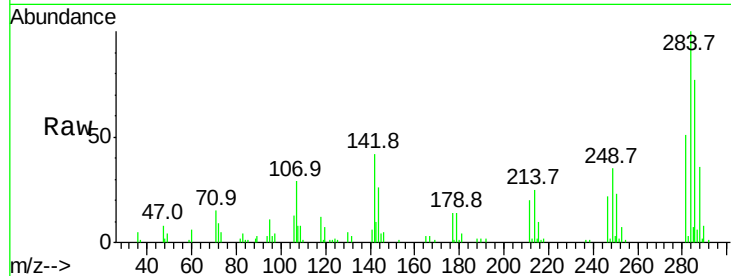
Tot Ion:284 Resp: 25738

Ion Ratio Lower Upper

284 100

142 41.8 32.1 48.1

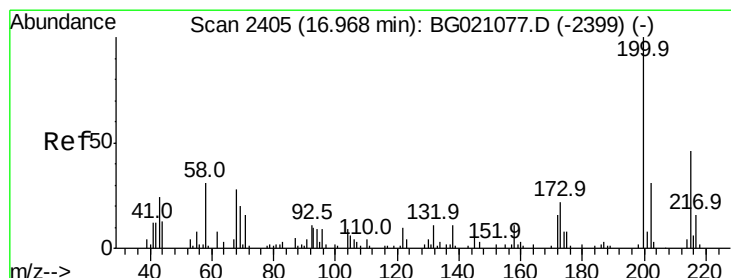
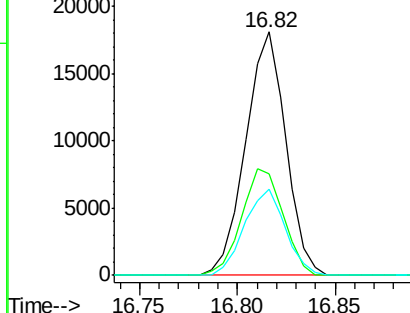
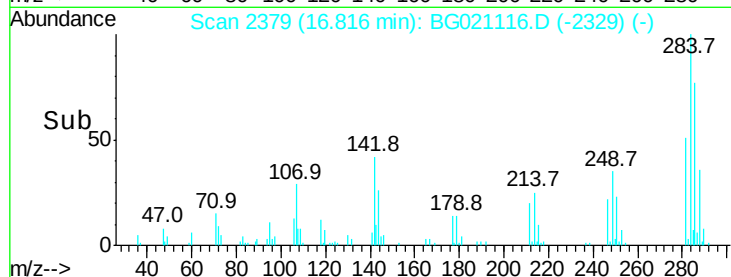
249 38.5 24.0 36.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.51 ng

RT: 16.96 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

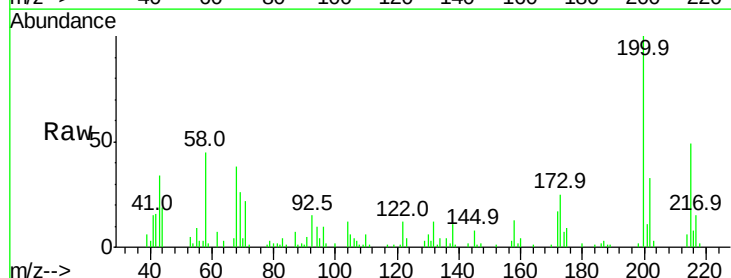
Tgt Ion:200 Resp: 26591

Ion Ratio Lower Upper

200 100

173 25.4 3.9 43.9

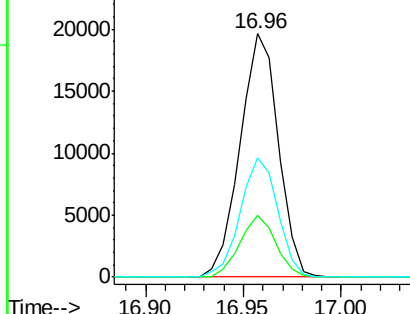
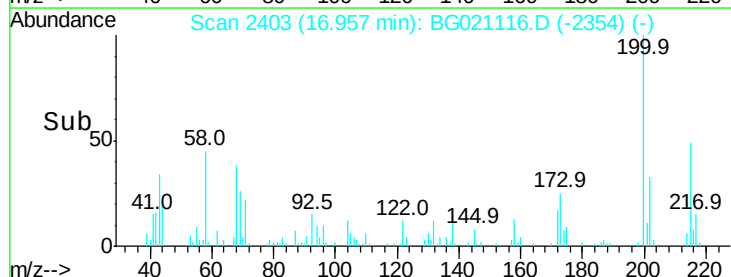
215 49.1 29.0 69.0

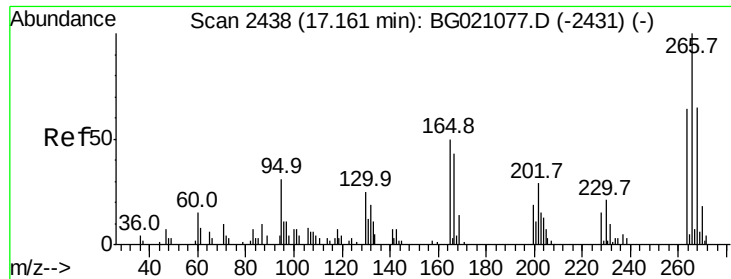


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

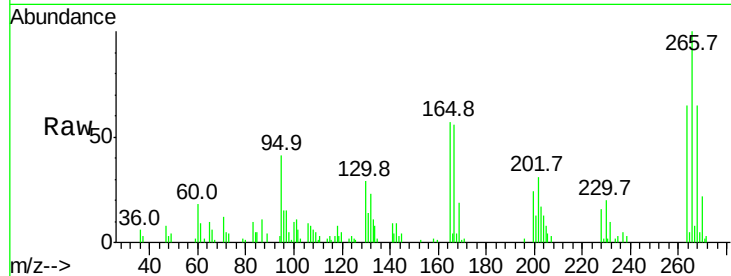




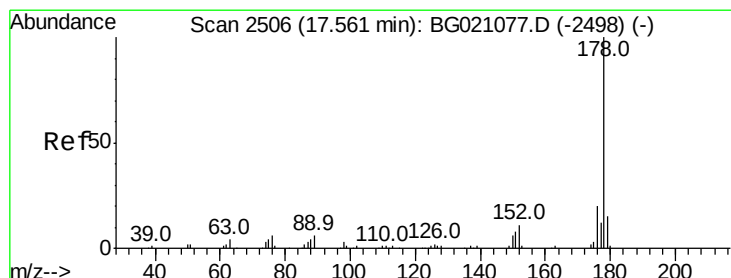
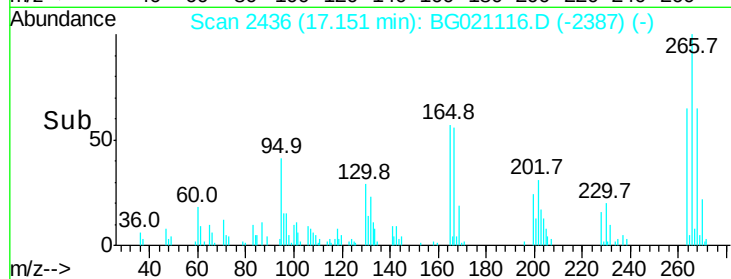
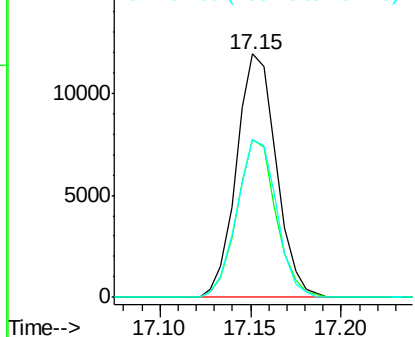
#69
 Pentachlorophenol
 Concen: 36.03 ng
 RT: 17.15 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 18142
 Ion Ratio Lower Upper
 266 100
 268 69.3 51.0 76.6
 264 69.6 47.8 71.8

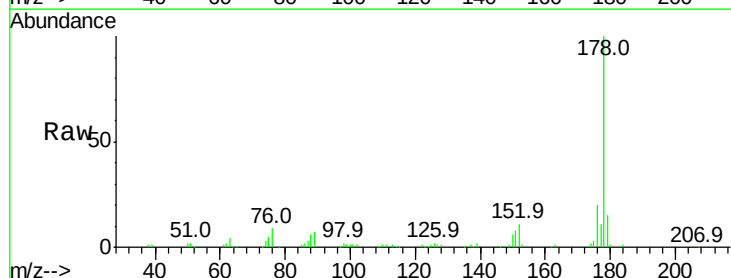


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

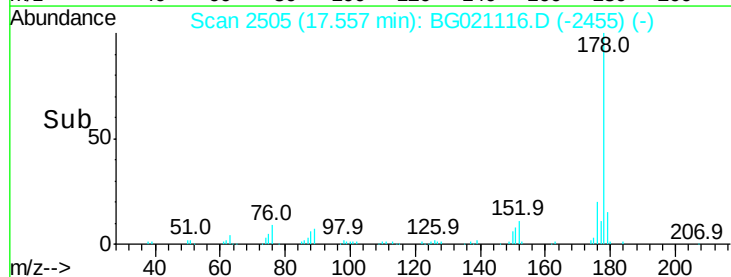
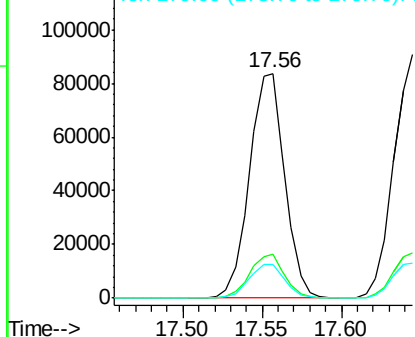


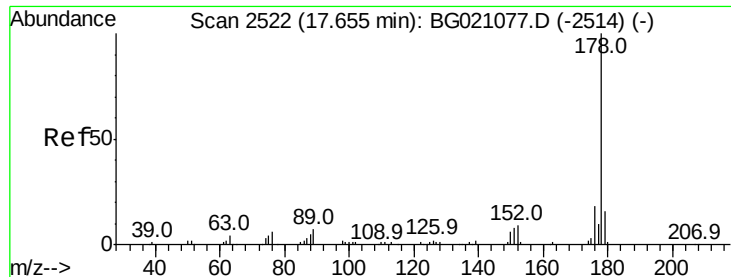
#70
 Phenanthrene
 Concen: 39.92 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion:178 Resp: 128990
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.1 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

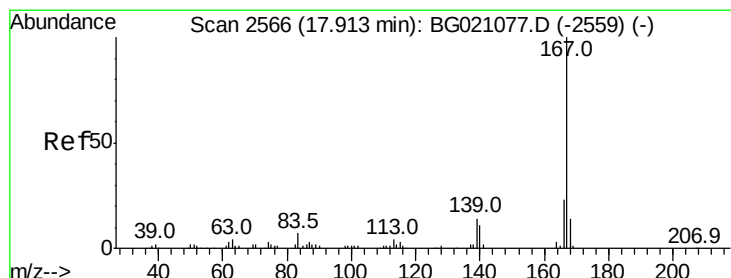
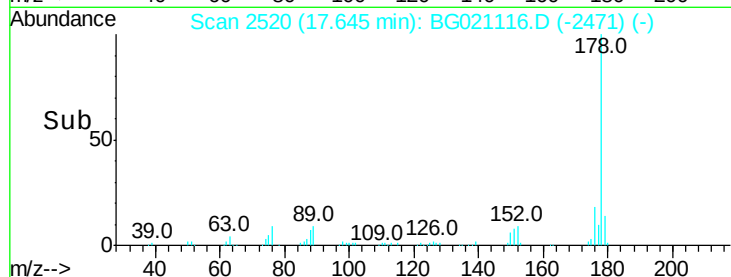
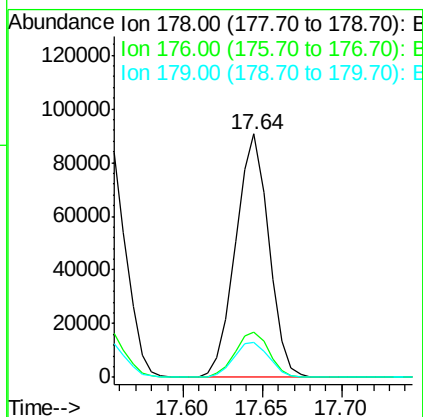
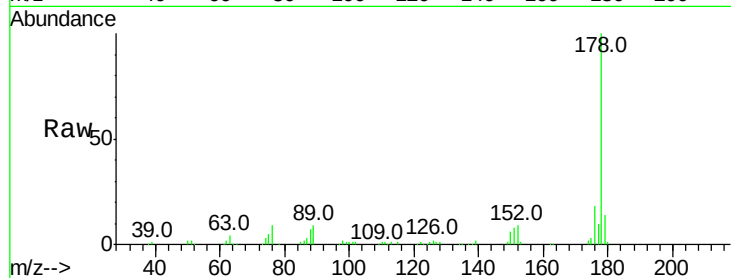




#71
 Anthracene
 Concen: 40.38 ng
 RT: 17.64 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

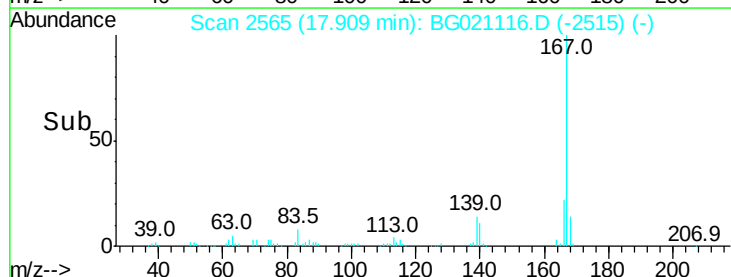
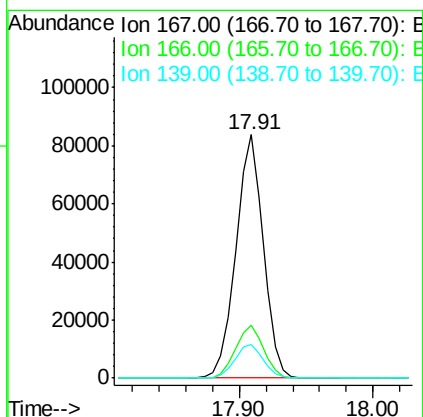
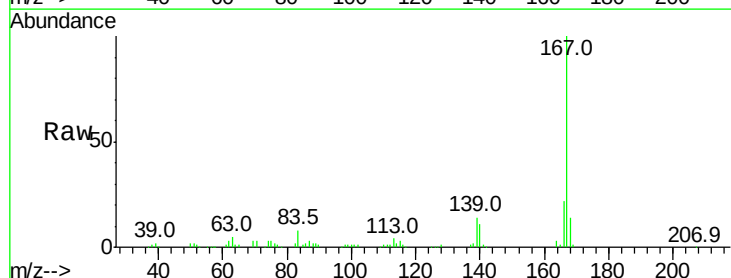
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

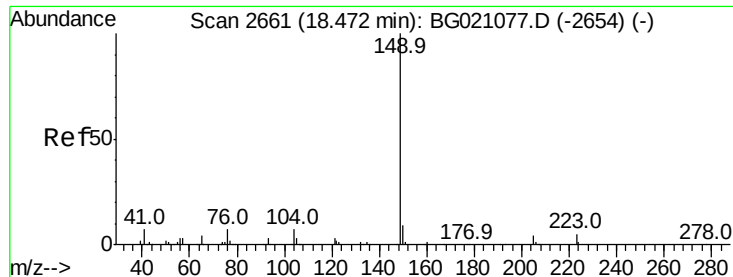
Tot Ion:178 Resp: 131396
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 14.2 12.6 19.0



#72
 Carbazole
 Concen: 42.34 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.00 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion:167 Resp: 118937
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 14.1 10.3 15.5





#73

Di-n-butylphthalate

Concen: 43.63 ng

RT: 18.46 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

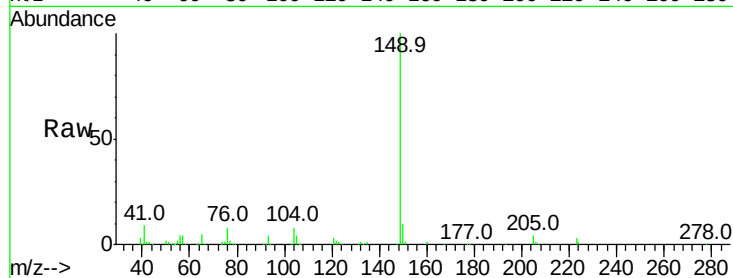
Tot Ion:149 Resp: 161584

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

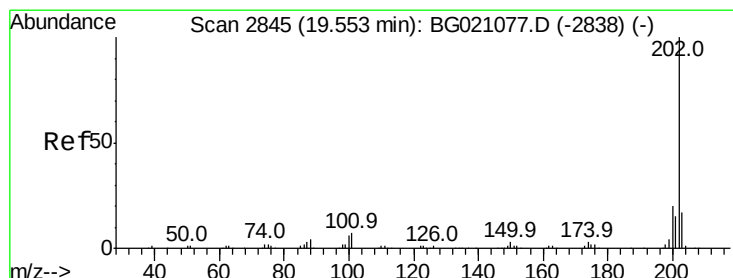
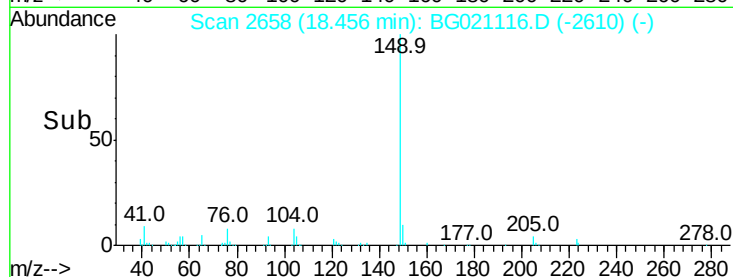
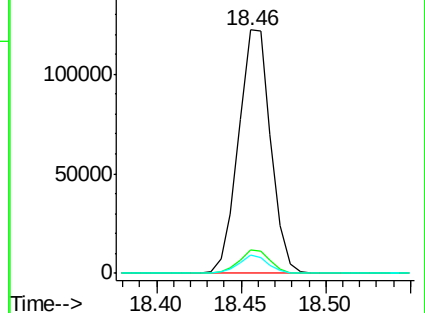
104 7.6 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.21 ng

RT: 19.55 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

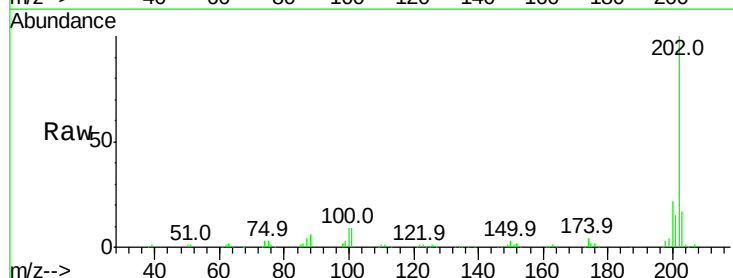
Tgt Ion:202 Resp: 158931

Ion Ratio Lower Upper

202 100

101 9.5 0.0 32.5

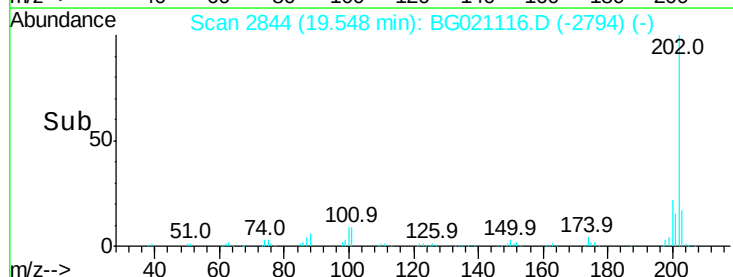
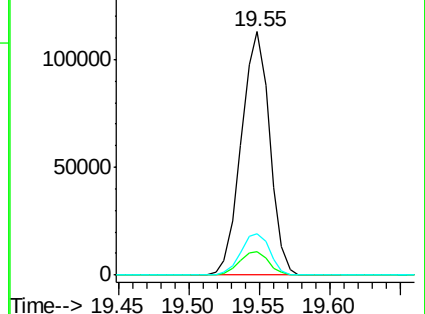
203 17.2 0.0 37.6

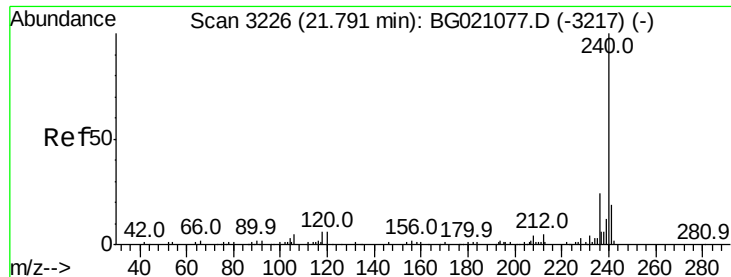


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3223

Delta R.T. -0.02 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

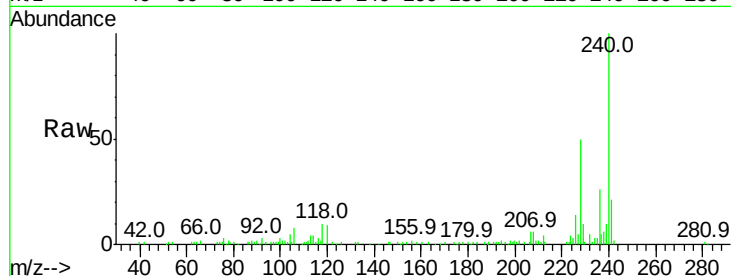
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 68455

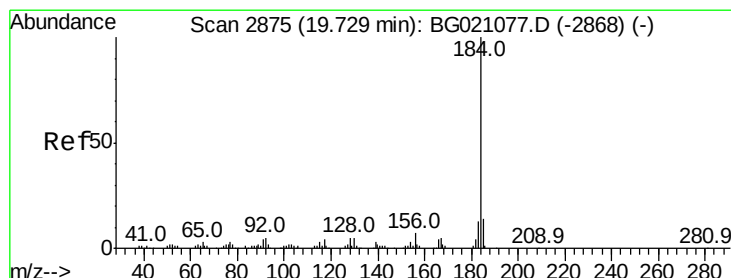
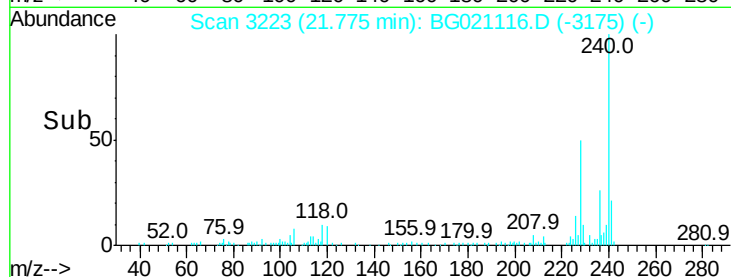
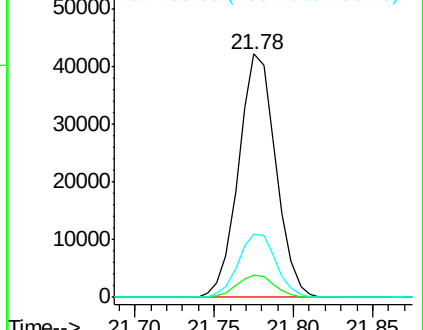
Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.5	11.3
236	26.0	20.5	30.7



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: 43.91 ng

RT: 19.72 min Scan# 2874

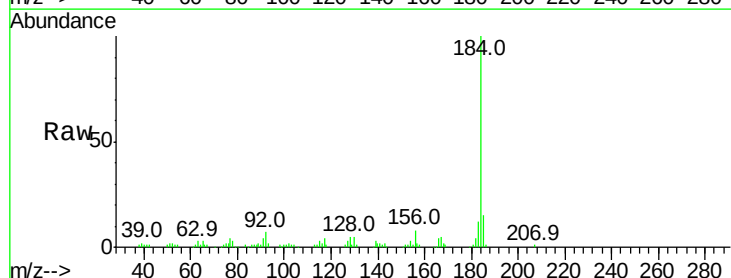
Delta R.T. -0.00 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Tgt Ion:184 Resp: 79084

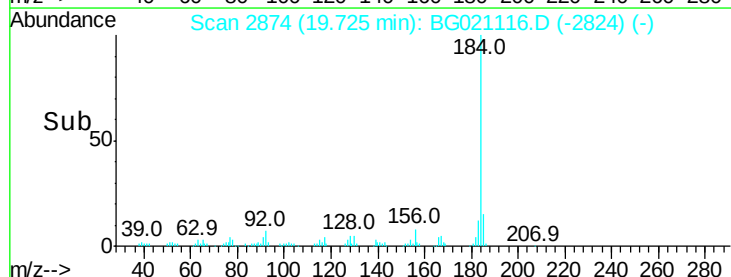
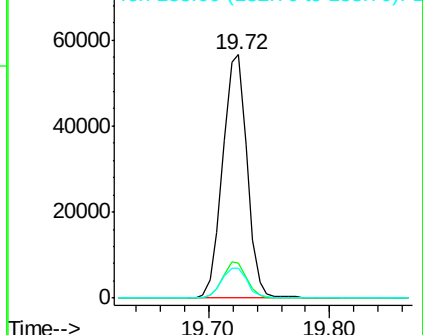
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.5	17.3
183	12.0	10.1	15.1

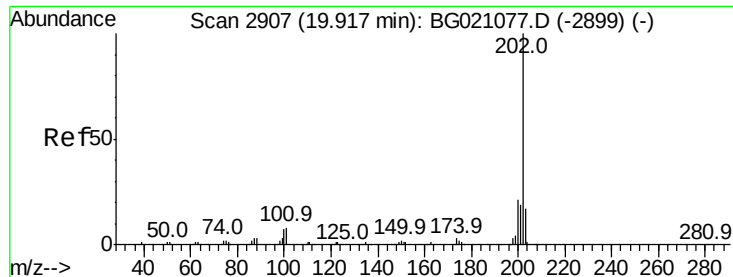


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.98 ng

RT: 19.91 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

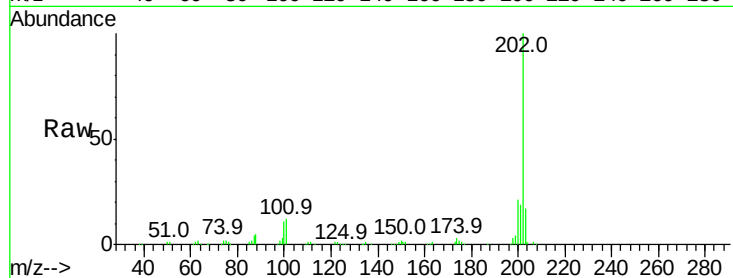
Tot Ion:202 Resp: 162921

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

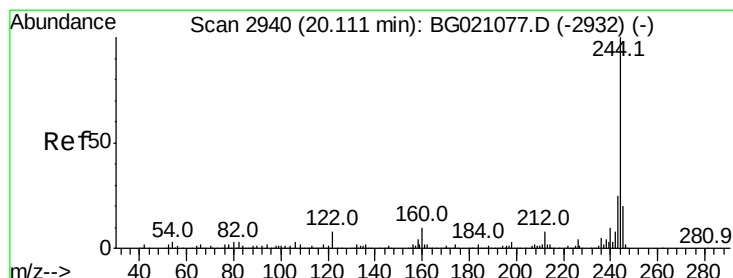
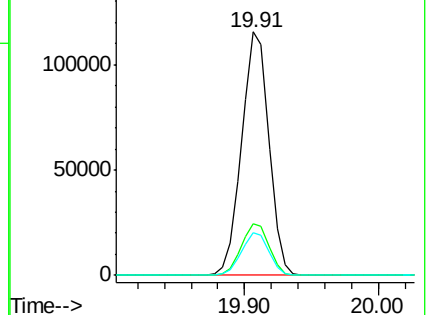
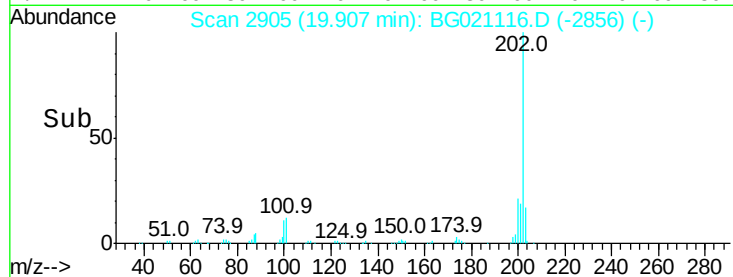
203 17.4 13.8 20.8



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: 81.42 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

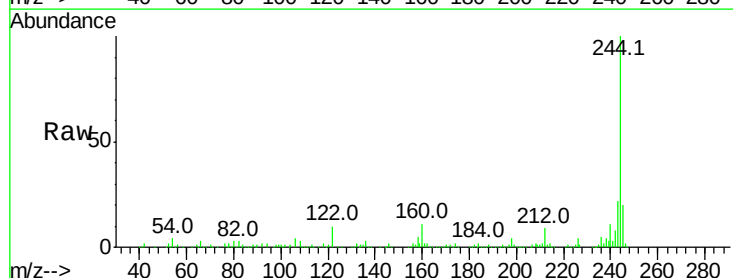
Tgt Ion:244 Resp: 238481

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.6#

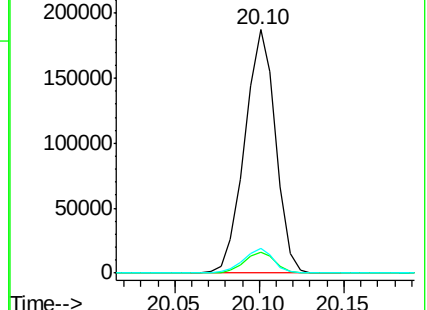
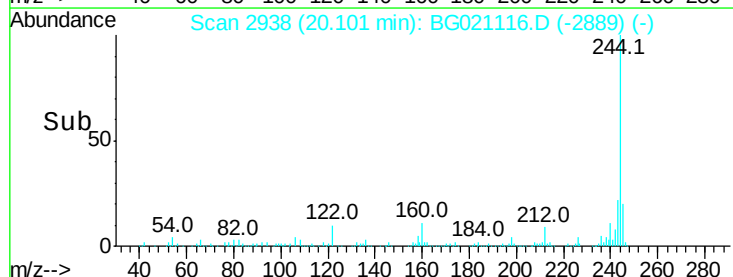
122 10.0 8.3 12.5

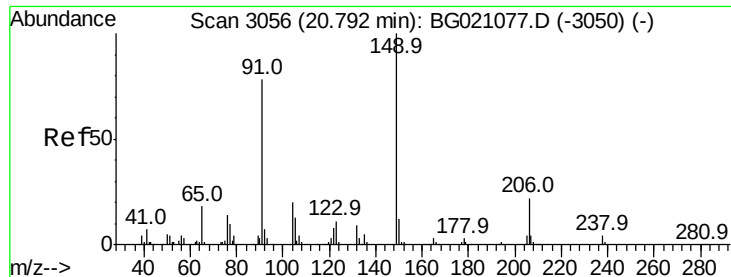


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

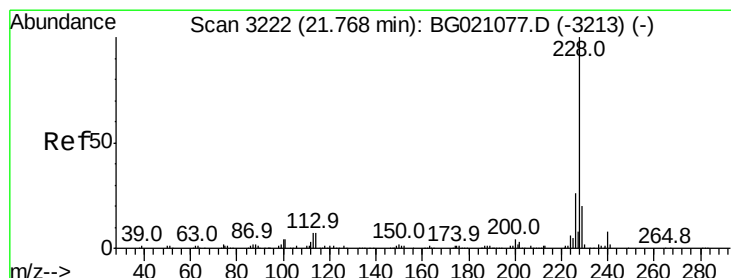
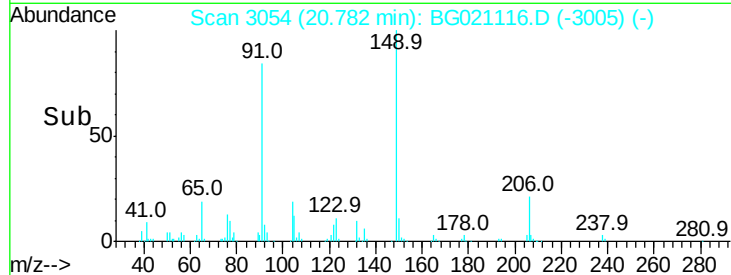
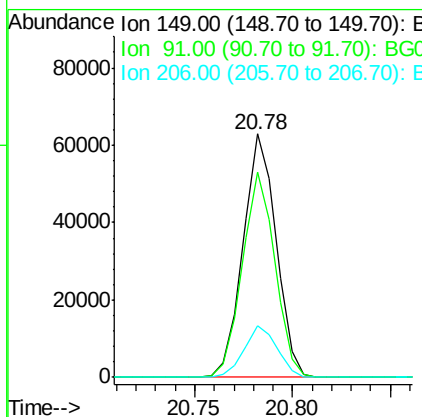
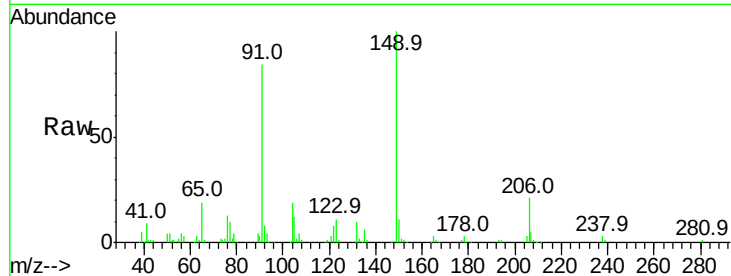




#79
 Butylbenzylphthalate
 Concen: 46.62 ng
 RT: 20.78 min Scan# 3054
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

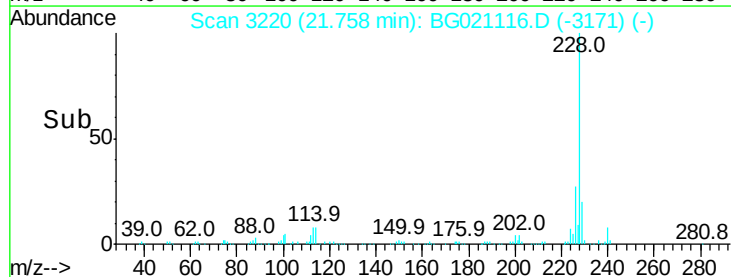
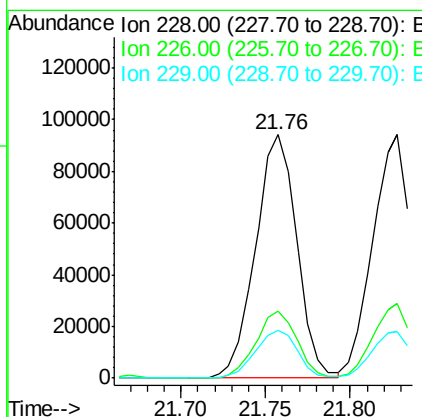
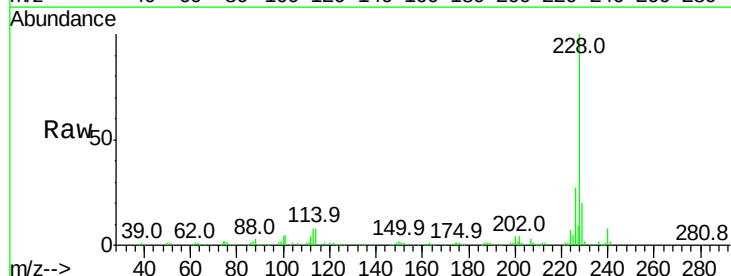
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

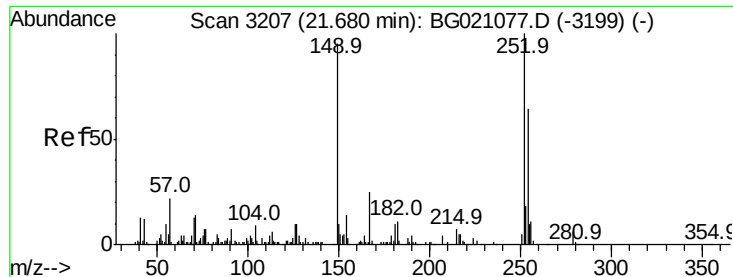
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.1	58.6	87.8
206	21.3	14.2	21.4



#80
 Benzo(a)anthracene
 Concen: 40.60 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.7	34.1
229	19.5	15.5	23.3

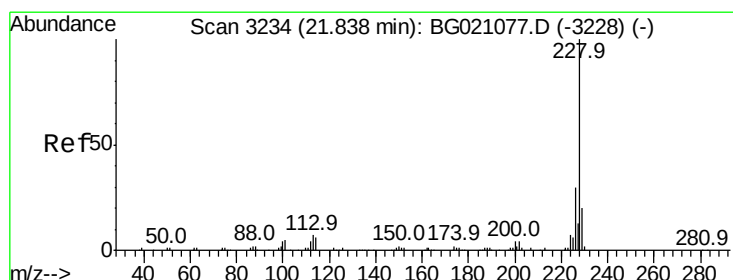
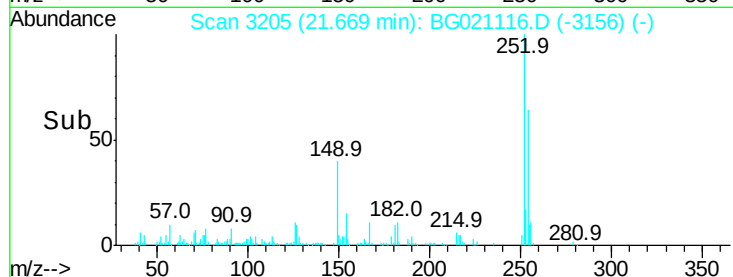
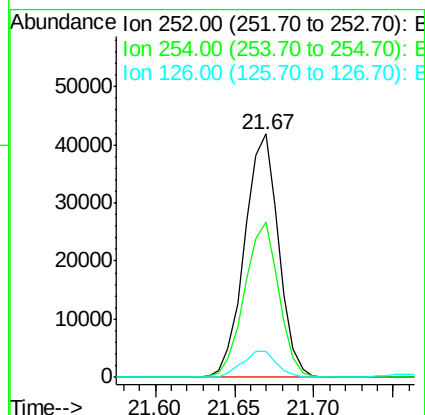
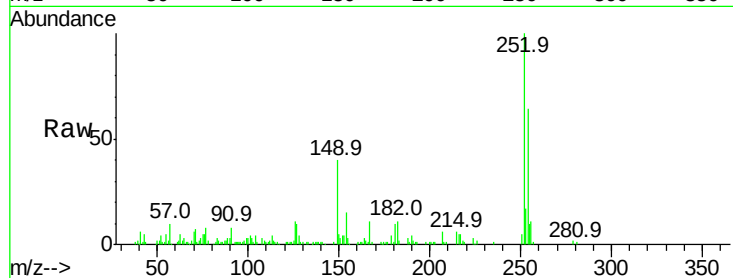




#81
 3,3'-Dichlorobenzidine
 Concen: 40.40 ng
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

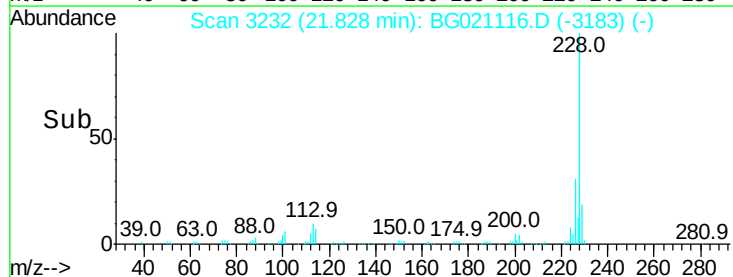
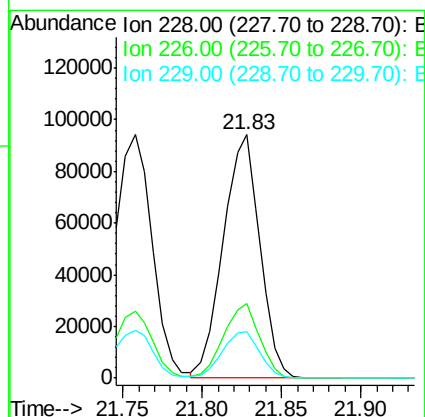
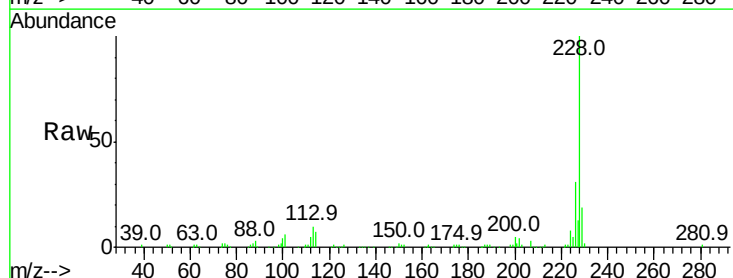
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

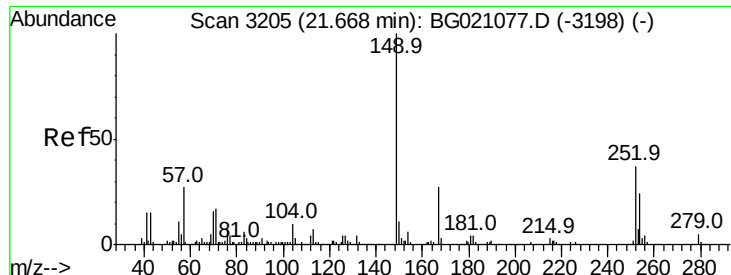
Tot Ion:252 Resp: 62265
 Ion Ratio Lower Upper
 252 100
 254 63.8 52.6 79.0
 126 10.8 8.3 12.5



#82
 Chrysene
 Concen: 39.69 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion:228 Resp: 150557
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.7 35.5
 229 18.9 16.7 25.1

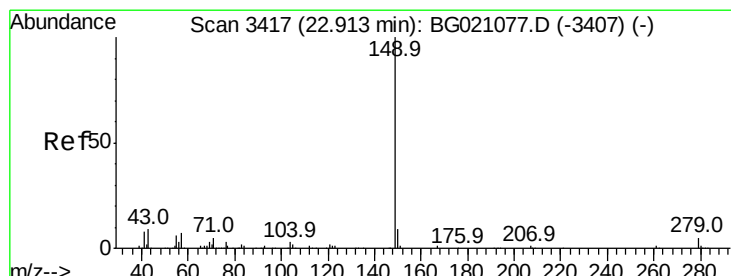
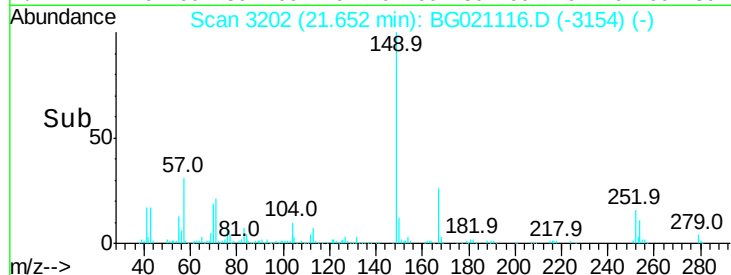
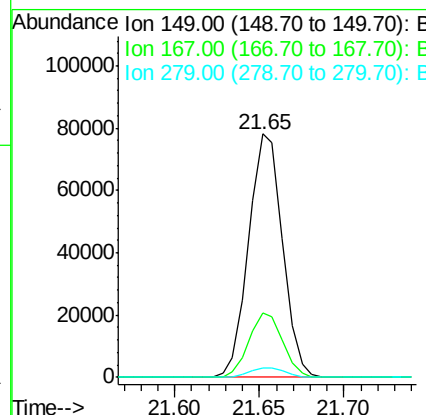
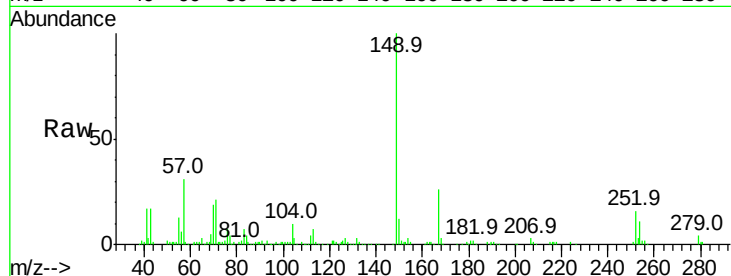




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.72 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.02 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

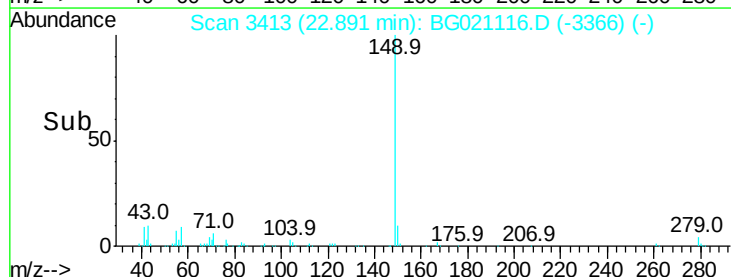
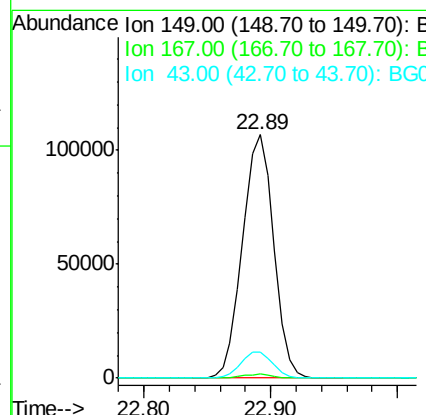
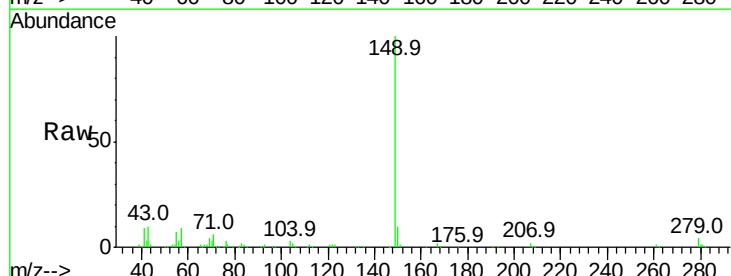
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

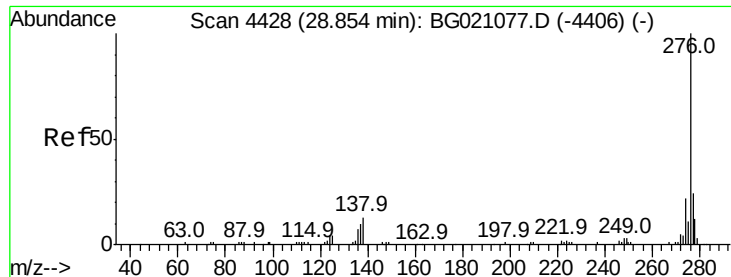
Tot Ion:149 Resp: 109246
 Ion Ratio Lower Upper
 149 100
 167 26.4 18.9 28.3
 279 3.8 3.0 4.6



#84
 Di-n-octyl phthalate
 Concen: 44.42 ng
 RT: 22.89 min Scan# 3413
 Delta R.T. -0.02 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion:149 Resp: 181875
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 11.1 9.8 14.8

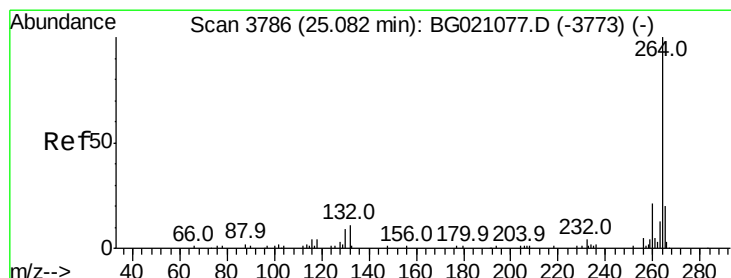
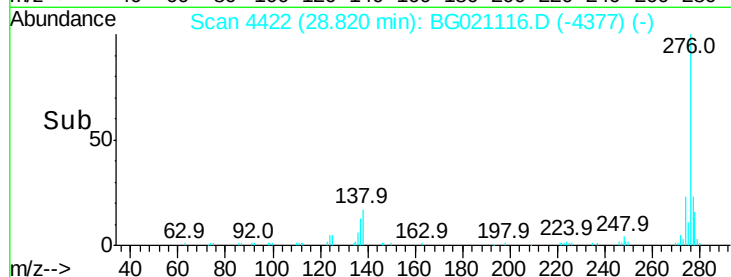
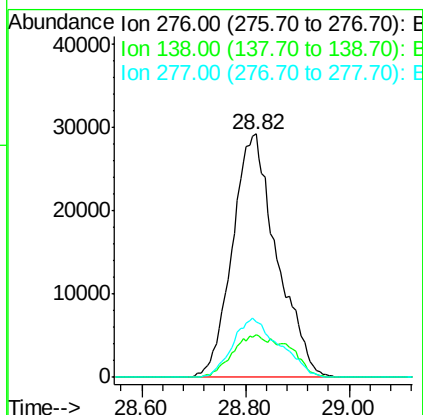
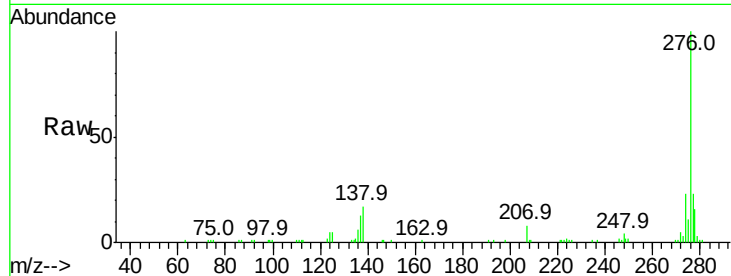




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.80 ng
 RT: 28.82 min Scan# 4422
 Delta R.T. -0.03 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

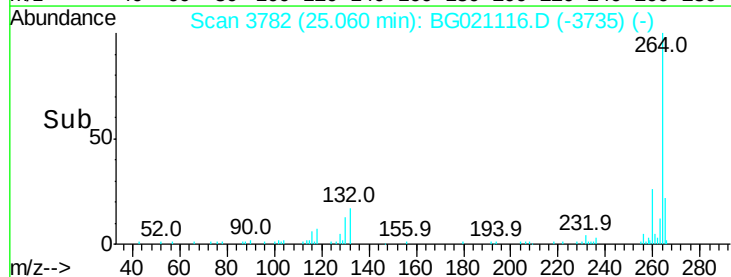
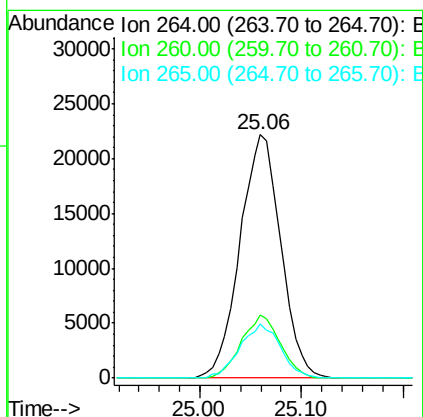
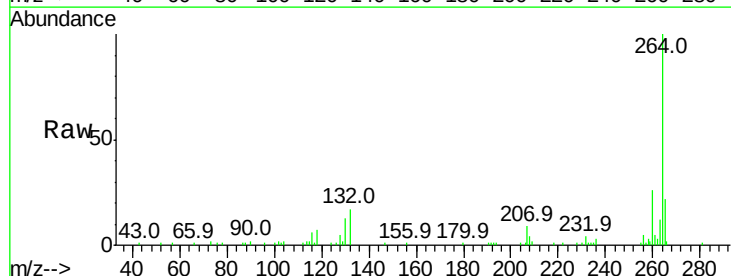
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

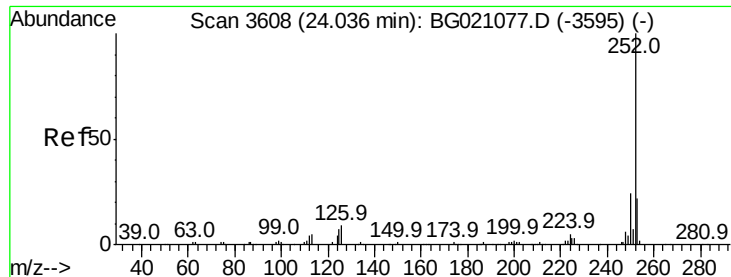
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.3	0.0	0.0#
277	25.7	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. -0.02 min
 Lab File: BG021116.D
 Acq: 27 Feb 2016 15:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	18.5	27.7
265	22.1	18.6	28.0

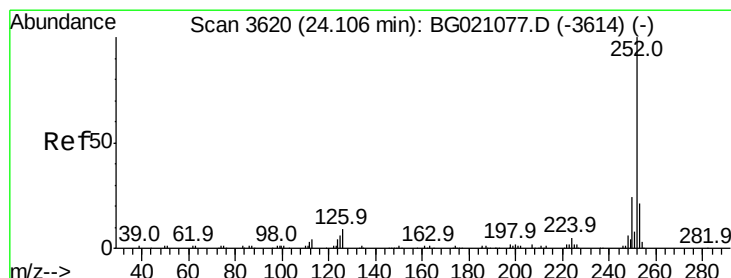
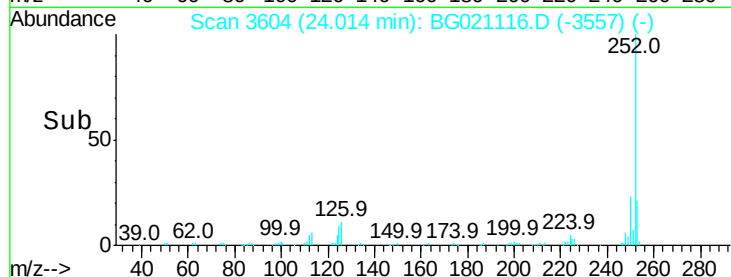
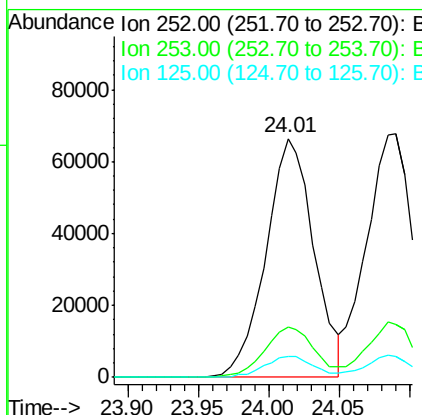
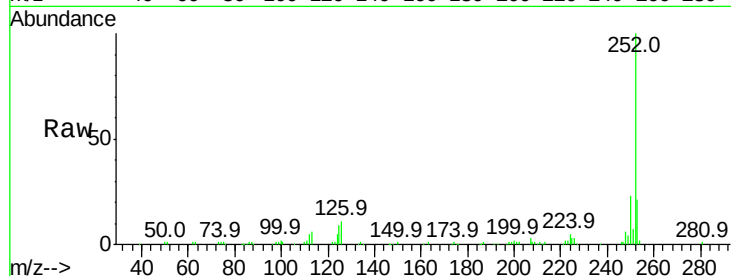




#87
Benzo(b)fluoranthene
Concen: 40.57 ng
RT: 24.01 min Scan# 3604
Delta R.T. -0.02 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

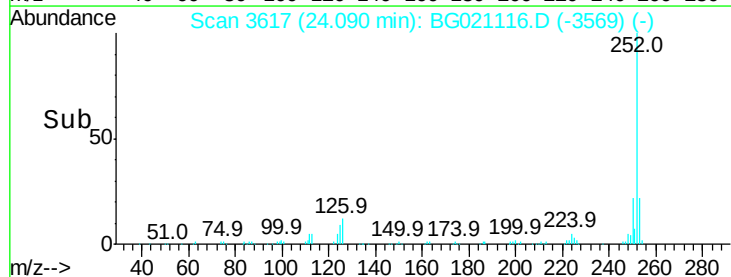
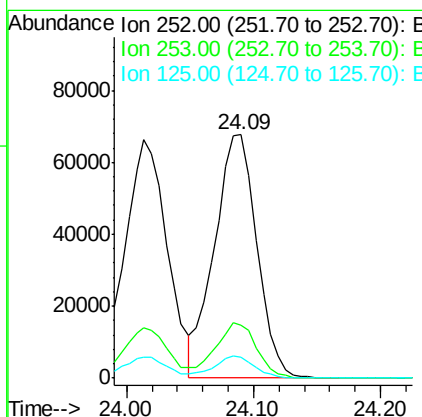
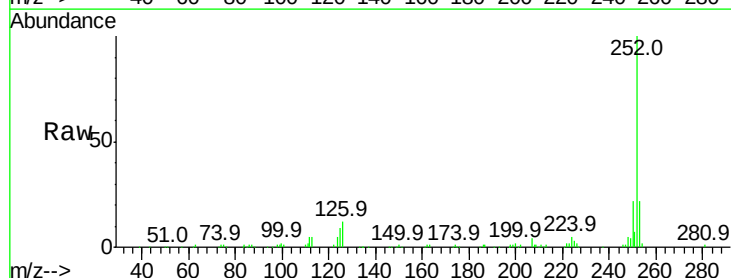
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

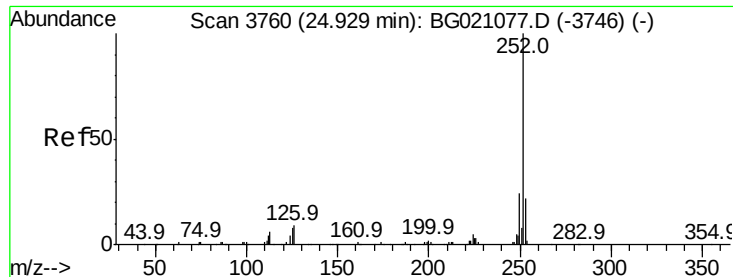
Tot Ion:252 Resp: 157216
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 8.8 8.2 12.2



#88
Benzo(k)fluoranthene
Concen: 41.11 ng
RT: 24.09 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG021116.D
Acq: 27 Feb 2016 15:46

Tgt Ion:252 Resp: 157012
Ion Ratio Lower Upper
252 100
253 22.0 16.4 24.6
125 8.6 8.2 12.2





#89

Benzo(a)pyrene

Concen: 40.15 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.02 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

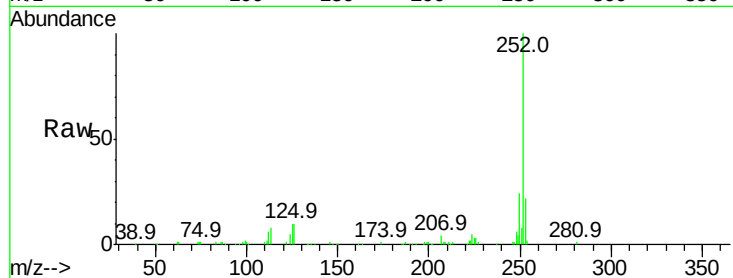
Tot Ion:252 Resp: 149337

Ion Ratio Lower Upper

252 100

253 22.4 15.8 23.8

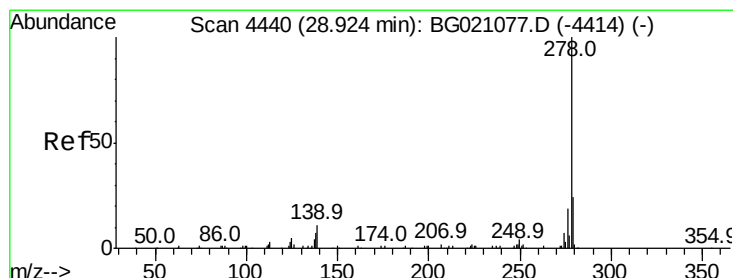
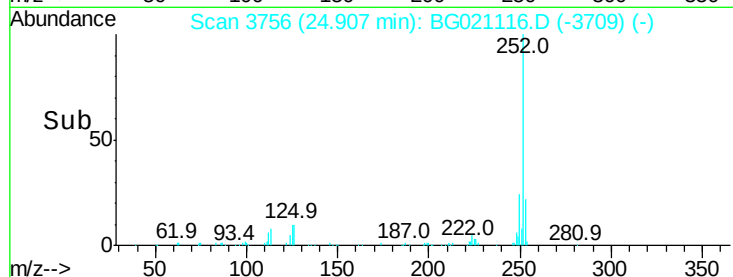
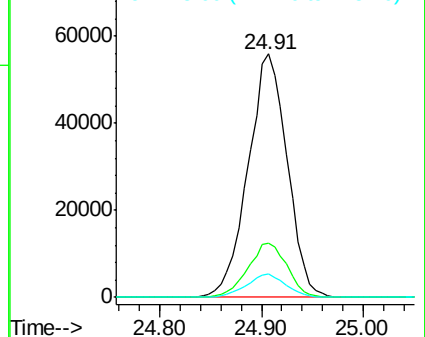
125 9.7 8.4 12.6



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: 39.41 ng

RT: 28.88 min Scan# 4432

Delta R.T. -0.05 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

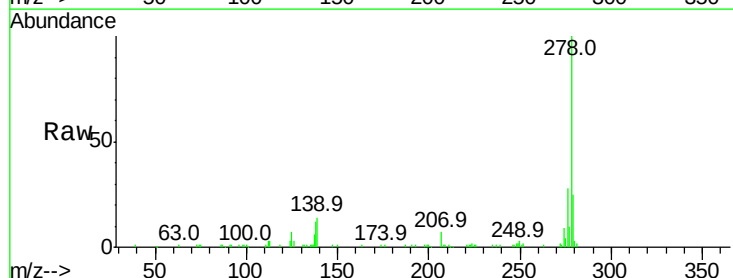
Tgt Ion:278 Resp: 147761

Ion Ratio Lower Upper

278 100

139 14.0 10.6 15.8

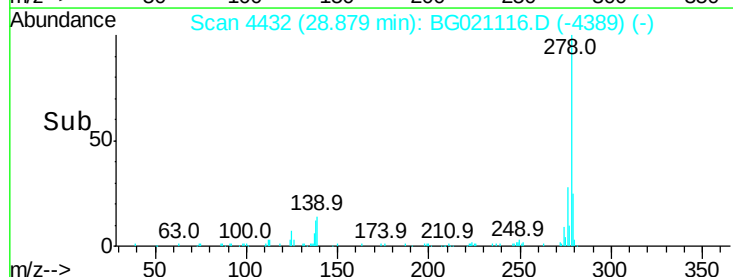
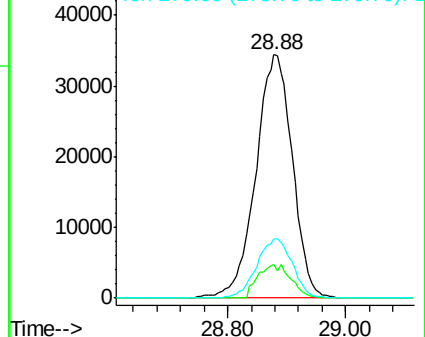
279 24.5 19.7 29.5

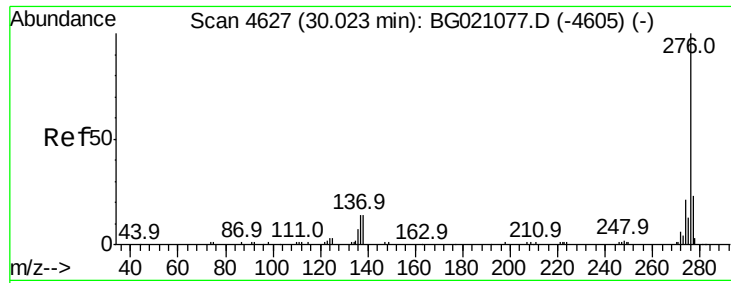


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.20 ng

RT: 29.99 min Scan# 4621

Delta R.T. -0.03 min

Lab File: BG021116.D

Acq: 27 Feb 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

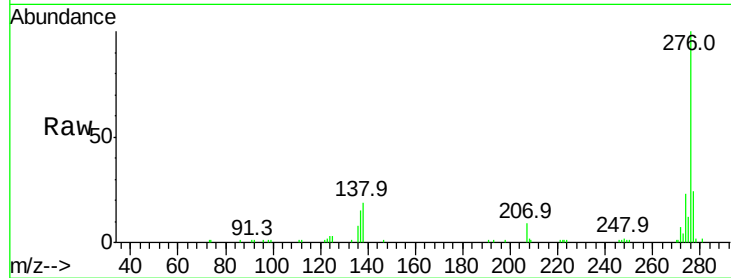
Tot Ion:276 Resp: 141582

Ion Ratio Lower Upper

276 100

277 24.0 16.6 25.0

138 18.6 14.6 21.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

