

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023911.D
 Acq On : 26 Aug 2016 2:08
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 26 06:49:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	202657	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	910539	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	597204	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1349091	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1410255	20.00	ng	0.00
86) Perylene-d12	25.23	264	1415916	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	907645	75.39	ng	0.00
7) Phenol-d6	7.27	99	1394363	74.36	ng	0.01
23) Nitrobenzene-d5	9.28	82	1498813	81.83	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	597757	68.43	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	2649649	74.83	ng	0.00
78) Terphenyl-d14	20.14	244	3249784	68.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	184657	36.00	ng	91
3) Pyridine	3.91	79	596827	35.41	ng	94
4) n-Nitrosodimethylamine	3.82	42	288355	46.14	ng	# 91
6) Aniline	7.42	93	930586	34.35	ng	96
8) 2-Chlorophenol	7.66	128	553980	40.05	ng	98
9) Benzaldehyde	7.23	77	467726	45.42	ng	95
10) Phenol	7.29	94	767046	38.24	ng	88
11) bis(2-Chloroethyl)ether	7.51	93	610426	38.15	ng	90
12) 1,3-Dichlorobenzene	7.98	146	634256	40.05	ng	95
13) 1,4-Dichlorobenzene	8.13	146	630509	38.89	ng	96
14) 1,2-Dichlorobenzene	8.45	146	605075	38.05	ng	95
15) Benzyl Alcohol	8.34	79	633867	44.61	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	926353	39.36	ng	89
17) 2-Methylphenol	8.55	107	522535	38.85	ng	92
18) Hexachloroethane	9.19	117	256742	42.08	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	593038	36.77	ng	98
20) 3+4-Methylphenols	8.89	107	727237	38.36	ng	95
22) Acetophenone	8.94	105	965825	38.74	ng	# 93
24) Nitrobenzene	9.32	77	884385	43.61	ng	93
25) Isophorone	9.85	82	1540568	40.38	ng	95
26) 2-Nitrophenol	10.04	139	375765	43.90	ng	# 84
27) 2,4-Dimethylphenol	10.10	122	589502	40.45	ng	84
28) bis(2-Chloroethoxy)methane	10.33	93	814751	35.53	ng	98
29) 2,4-Dichlorophenol	10.59	162	609791	41.61	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	644721	40.79	ng	97
31) Naphthalene	10.99	128	1762948	38.02	ng	98
32) Benzoic acid	10.32	122	480895	37.47	ng	94
33) 4-Chloroaniline	11.10	127	787403	35.52	ng	97
34) Hexachlorobutadiene	11.26	225	444700	42.78	ng	98
35) Caprolactam	11.92	113	173557	28.15	ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	745492	38.72	ng	93
37) 2-Methylnaphthalene	12.59	142	1308965	37.13	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	872230	40.28	ng	98
40) Hexachlorocyclopentadiene	12.92	237	403113	36.91	ng	98

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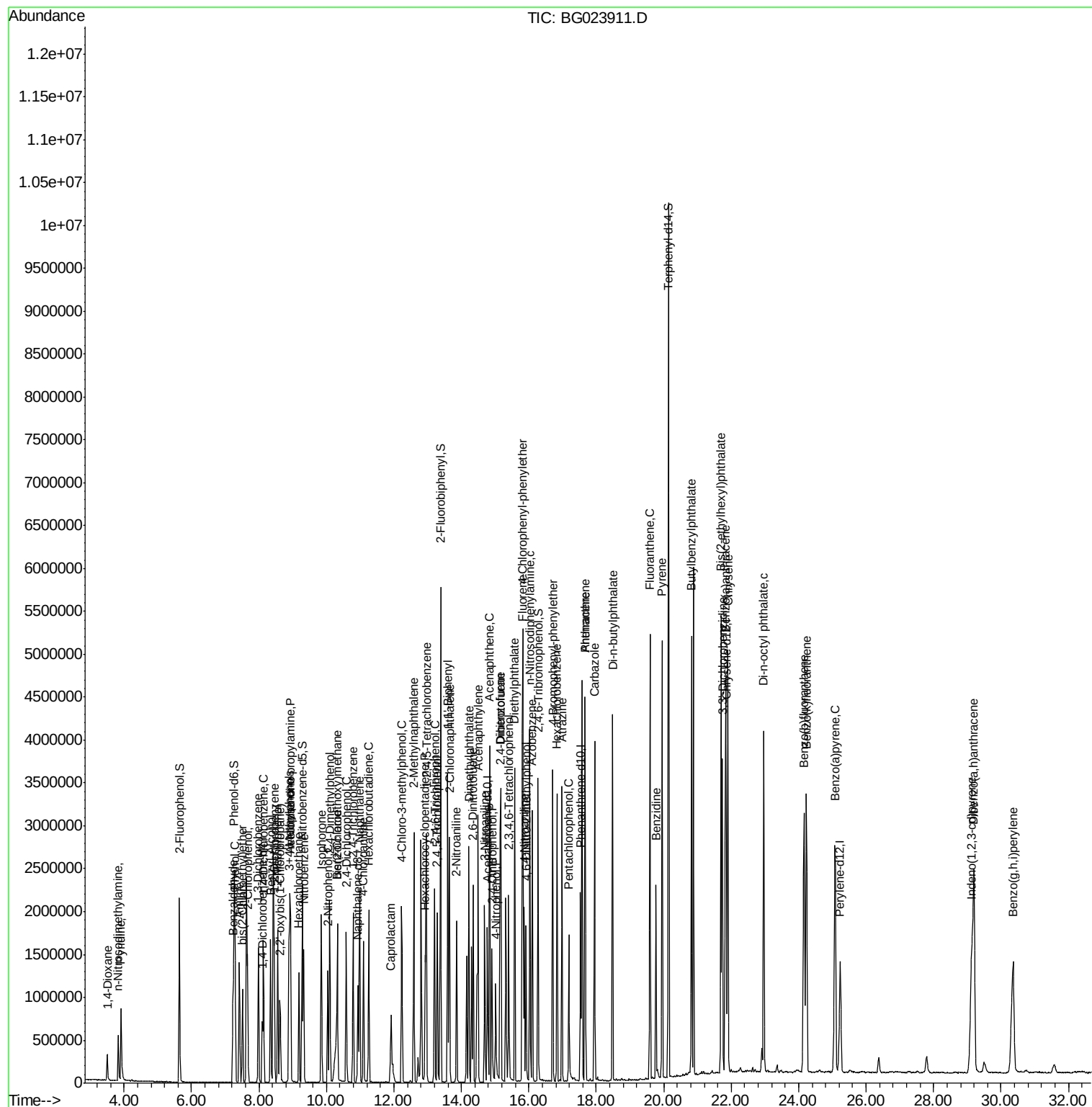
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	512783	39.75	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	531355	40.01	ng	92
45) 1,1'-Biphenyl	13.59	154	1740181	38.12	ng	93
46) 2-Chloronaphthalene	13.65	162	1371228	38.83	ng	94
47) 2-Nitroaniline	13.86	65	598477	40.81	ng	92
48) Acenaphthylene	14.49	152	2123198	38.03	ng	95
49) Dimethylphthalate	14.22	163	1799807	39.28	ng	# 96
50) 2,6-Dinitrotoluene	14.35	165	426888	39.34	ng	89
51) Acenaphthene	14.83	154	1361259	38.49	ng	99
52) 3-Nitroaniline	14.69	138	440397	35.99	ng	85
53) 2,4-Dinitrophenol	14.90	184	345755	49.71	ng	93
54) Dibenzofuran	15.17	168	1903686	37.07	ng	98
55) 4-Nitrophenol	15.02	139	305644	31.80	ng	# 86
56) 2,4-Dinitrotoluene	15.15	165	622850	40.90	ng	99
57) Fluorene	15.83	166	1701475	37.97	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	442071	36.27	ng	91
59) Diethylphthalate	15.58	149	1825805	39.25	ng	95
60) 4-Chlorophenyl-phenylether	15.81	204	924170	38.97	ng	99
61) 4-Nitroaniline	15.87	138	483769	37.14	ng	# 72
62) Azobenzene	16.10	77	1821674	38.64	ng	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	383504	41.81	ng	89
65) n-Nitrosodiphenylamine	16.03	169	1540472	38.93	ng	93
66) 4-Bromophenyl-phenylether	16.71	248	637830	40.56	ng	97
67) Hexachlorobenzene	16.84	284	667381	38.80	ng	96
68) Atrazine	16.98	200	614957	40.47	ng	95
69) Pentachlorophenol	17.19	266	323723	32.28	ng	96
70) Phenanthrene	17.67	178	2591070	37.85	ng	93
71) Anthracene	17.67	178	2591070	37.63	ng	93
72) Carbazole	17.95	167	2402575	39.74	ng	95
73) Di-n-butylphthalate	18.48	149	2797066	45.75	ng	# 95
74) Fluoranthene	19.59	202	2877538	44.63	ng	90
76) Benzidine	19.77	184	1258368	32.10	ng	99
77) Pyrene	19.96	202	2901797	34.22	ng	# 91
79) Butylbenzylphthalate	20.82	149	1461628	43.04	ng	98
80) Benzo(a)anthracene	21.83	228	2934073	37.69	ng	97
81) 3,3'-Dichlorobenzidine	21.74	252	1197113	37.49	ng	# 95
82) Chrysene	21.90	228	2743010	37.03	ng	90
83) Bis(2-ethylhexyl)phthalate	21.70	149	1962848	42.21	ng	97
84) Di-n-octyl phthalate	22.96	149	3177732	40.04	ng	97
85) Indeno(1,2,3-cd)pyrene	29.13	276	3607395	38.98	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	3057656	38.38	ng	# 94
88) Benzo(k)fluoranthene	24.23	252	2962955	38.72	ng	# 93
89) Benzo(a)pyrene	25.08	252	3001663	39.62	ng	# 94
90) Dibenzo(a,h)anthracene	29.20	278	3039296	39.27	ng	# 92
91) Benzo(g,h,i)perylene	30.36	276	2775845	35.62	ng	# 90

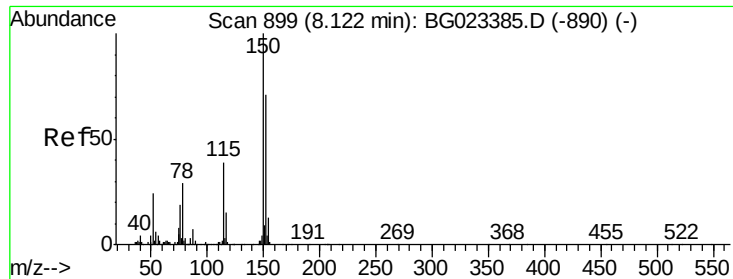
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. 0.00 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

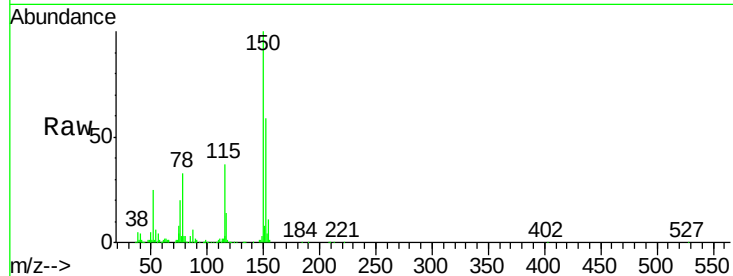
Tgt Ion:152 Resp: 202657

Ion Ratio Lower Upper

152 100

150 169.4 144.7 217.1

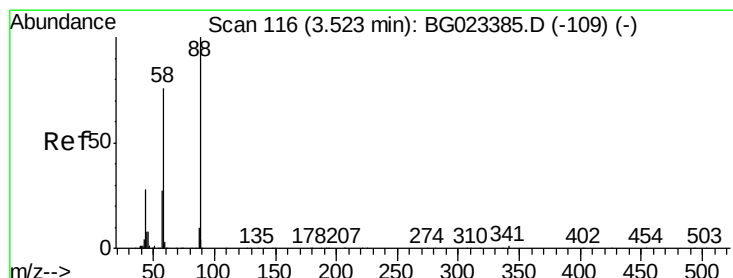
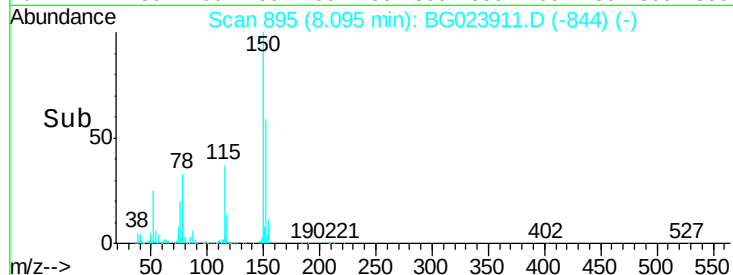
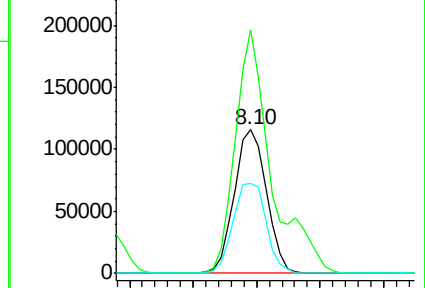
115 62.4 64.0 96.0#



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: 36.00 ng

RT: 3.50 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

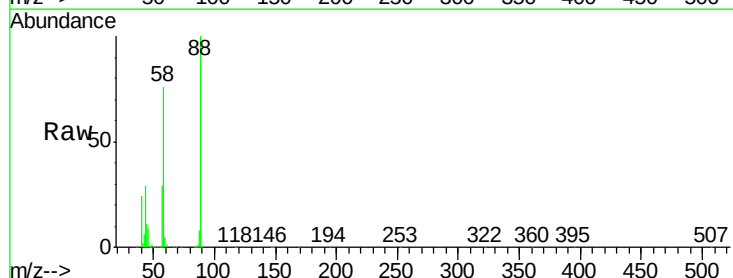
Tgt Ion: 88 Resp: 184657

Ion Ratio Lower Upper

88 100

58 82.5 60.4 90.6

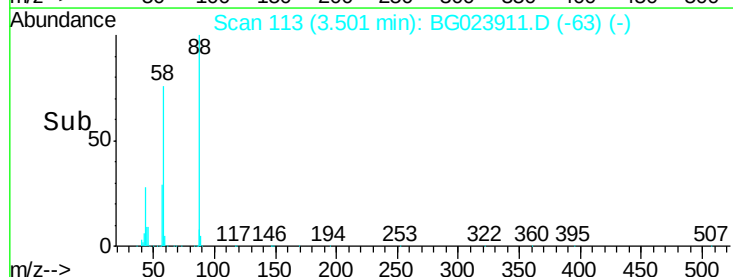
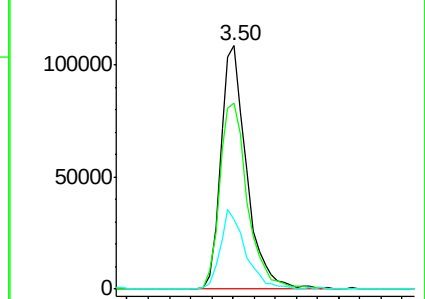
43 31.8 31.1 46.7

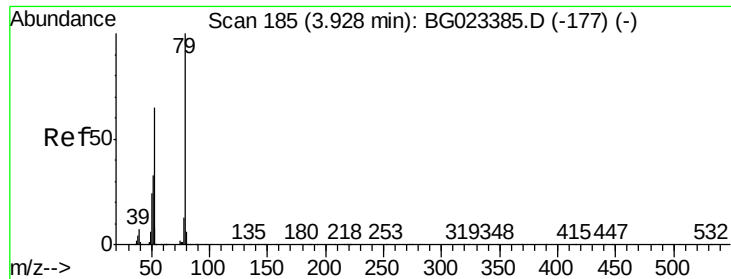


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.41 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.01 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

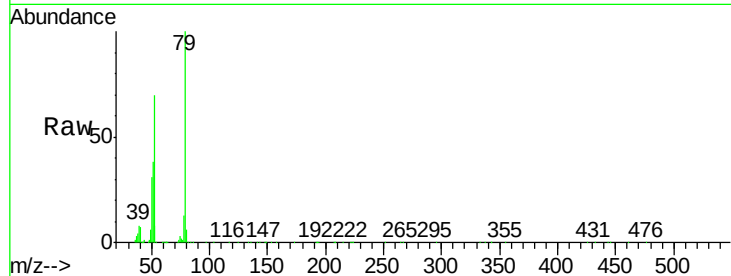
Tgt Ion: 79 Resp: 596827

Ion Ratio Lower Upper

79 100

52 69.7 51.8 77.8

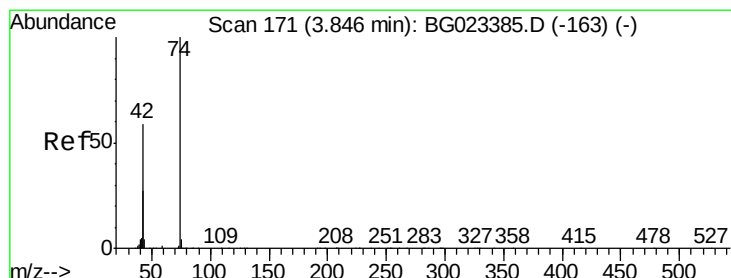
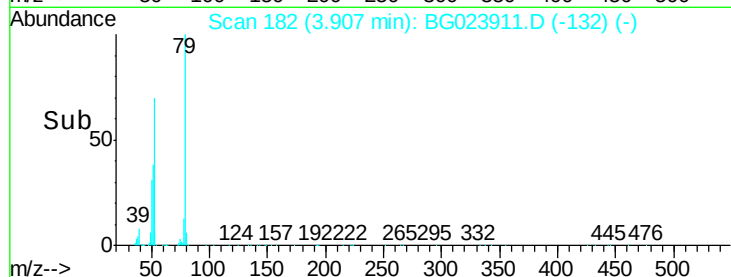
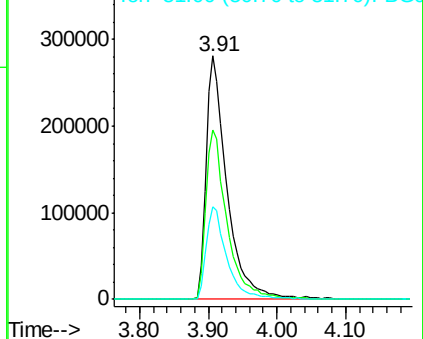
51 37.8 32.7 49.1



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: 46.14 ng

RT: 3.82 min Scan# 168

Delta R.T. -0.01 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

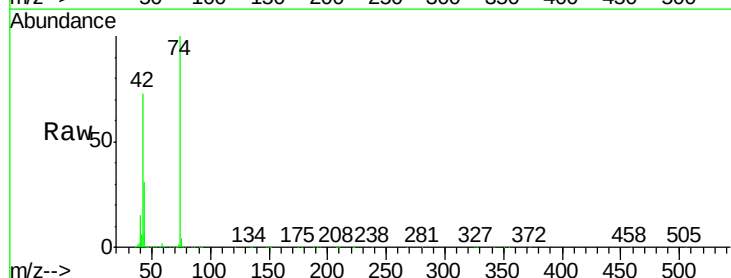
Tgt Ion: 42 Resp: 288355

Ion Ratio Lower Upper

42 100

74 136.2 100.6 150.8

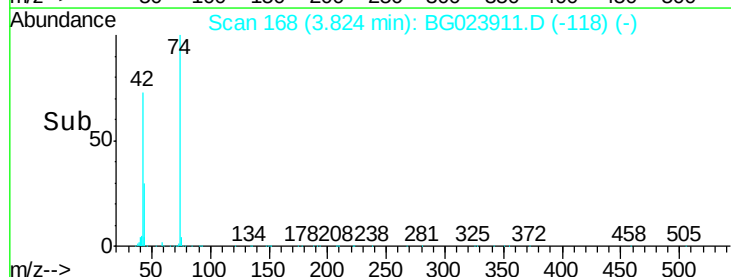
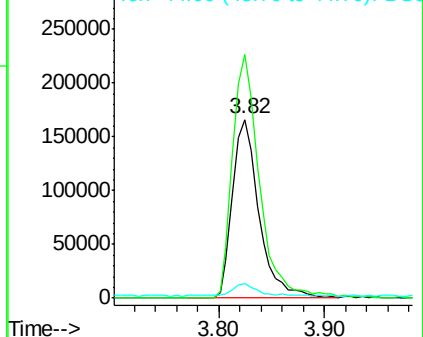
44 8.2 4.5 6.7#

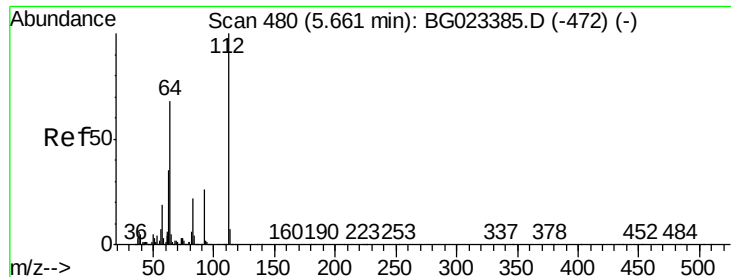


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 75.39 ng

RT: 5.64 min Scan# 477

Delta R.T. 0.00 min

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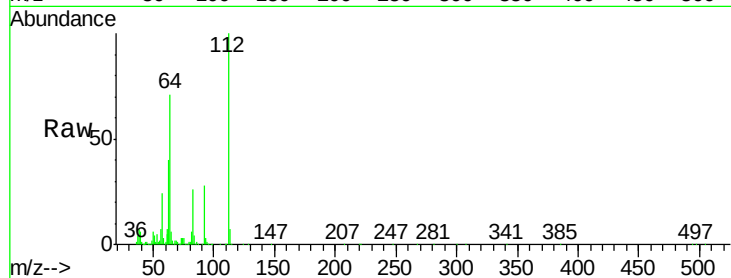
Tgt Ion: 112 Resp: 907645

Ion Ratio Lower Upper

112 100

64 71.3 59.0 88.4

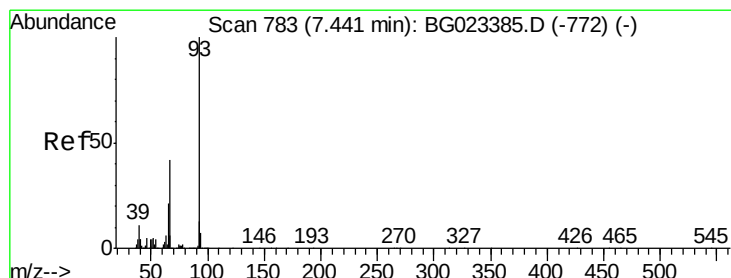
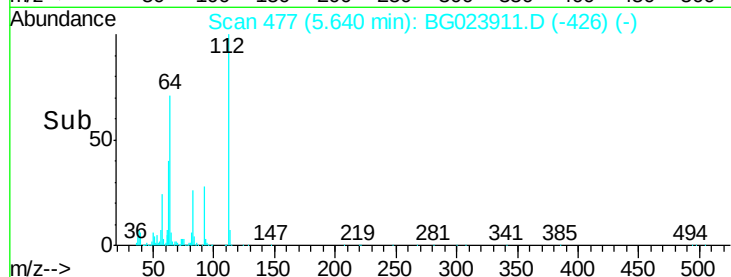
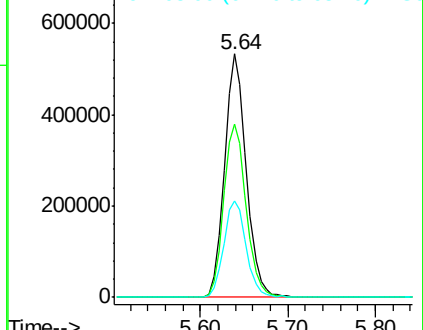
63 39.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.35 ng

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

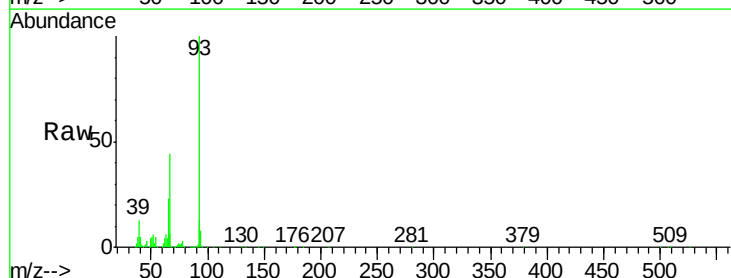
Tgt Ion: 93 Resp: 930586

Ion Ratio Lower Upper

93 100

66 43.5 37.5 56.3

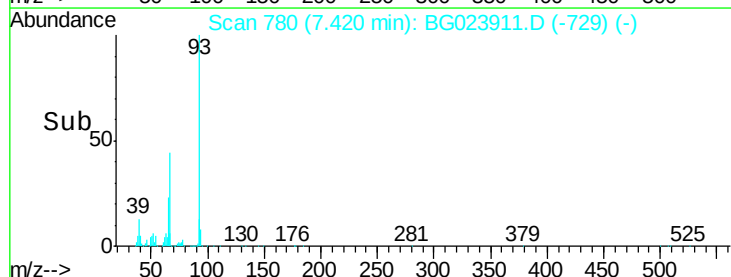
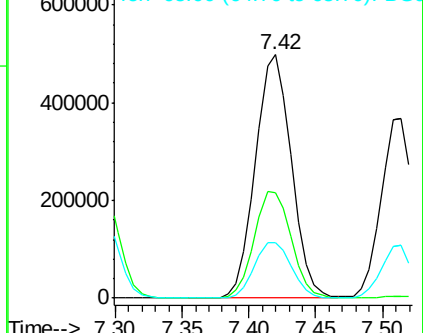
65 22.6 17.9 26.9

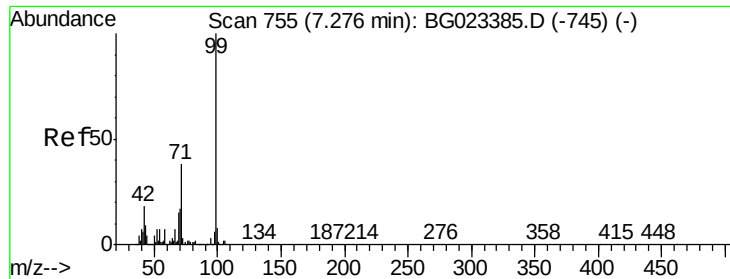


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.36 ng

RT: 7.27 min Scan# 754

Delta R.T. 0.01 min

Lab File: BG023911.D

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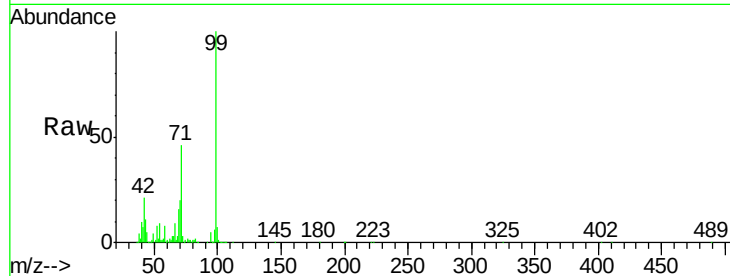
Tgt Ion: 99 Resp: 1394363

Ion Ratio Lower Upper

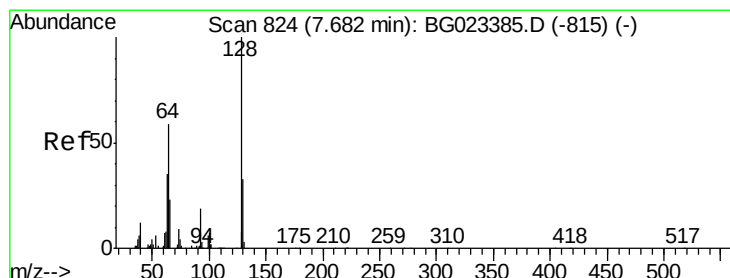
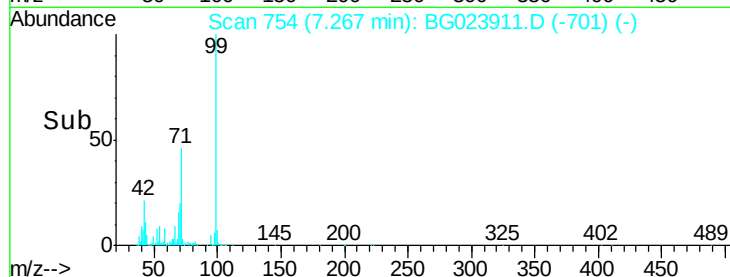
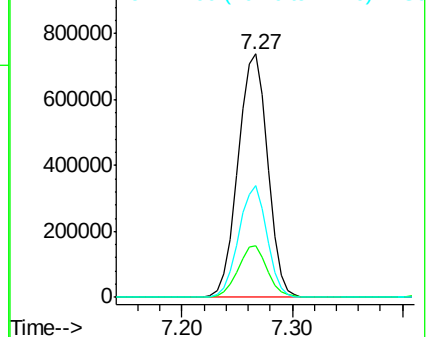
99 100

42 21.0 17.8 26.6

71 45.7 41.5 62.3



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: 40.05 ng

RT: 7.66 min Scan# 821

Delta R.T. 0.00 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

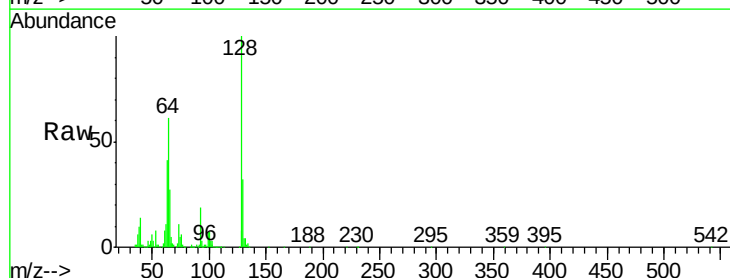
Tgt Ion: 128 Resp: 553980

Ion Ratio Lower Upper

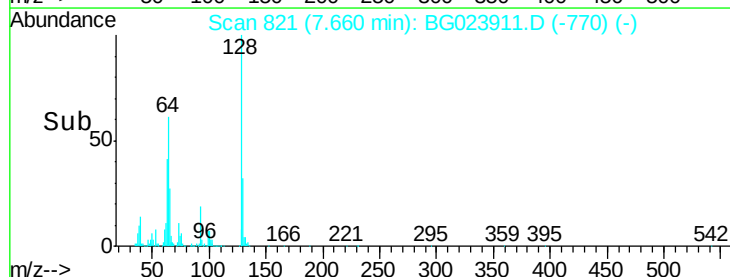
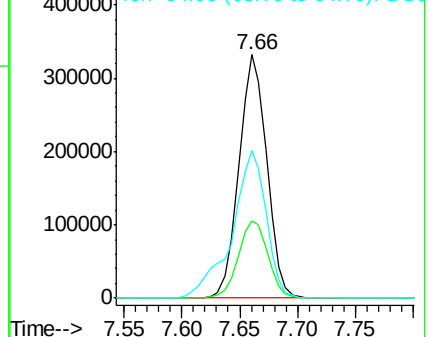
128 100

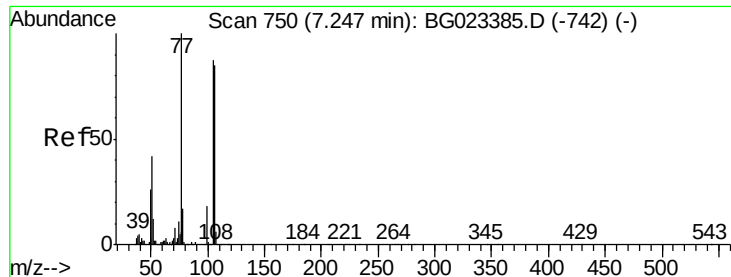
130 31.8 12.9 52.9

64 60.6 42.0 82.0



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: 45.42 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

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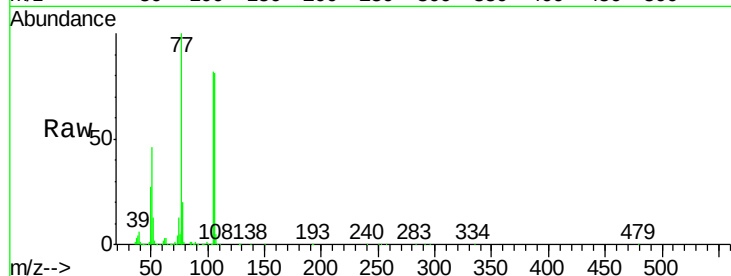
Tgt Ion: 77 Resp: 467726

Ion Ratio Lower Upper

77 100

105 82.3 58.7 98.7

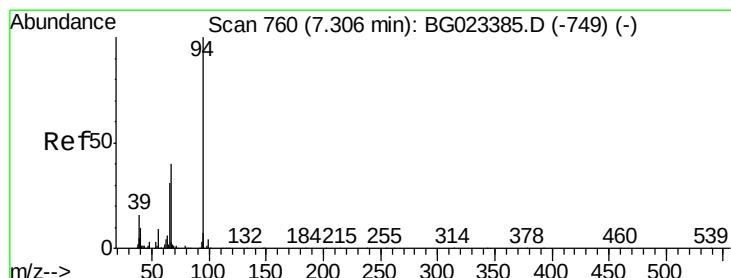
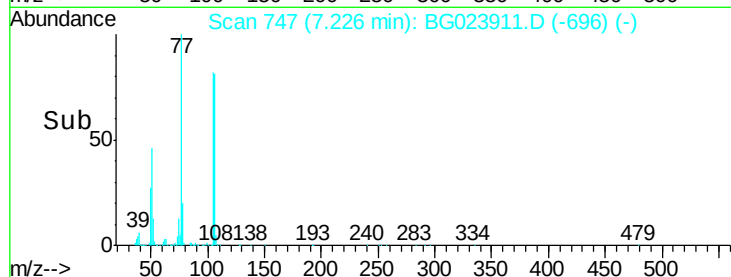
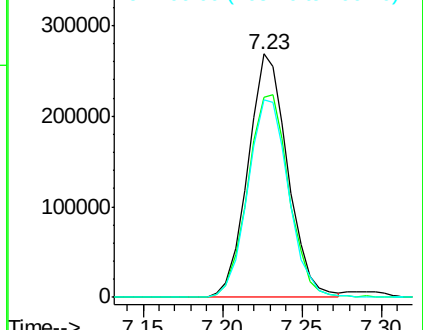
106 81.3 67.5 107.5



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: 38.24 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.01 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

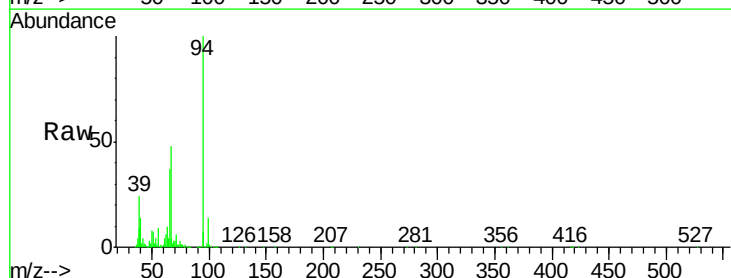
Tgt Ion: 94 Resp: 767046

Ion Ratio Lower Upper

94 100

65 37.1 18.1 58.1

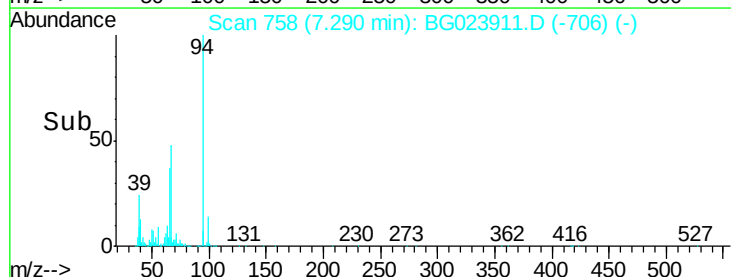
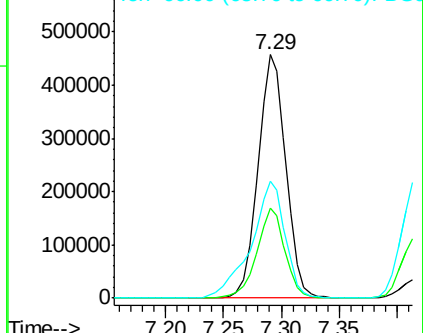
66 48.3 42.1 82.1

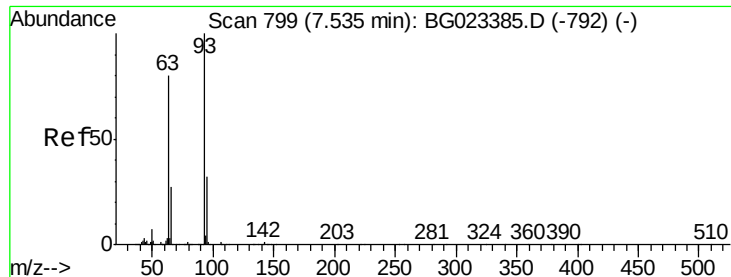


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

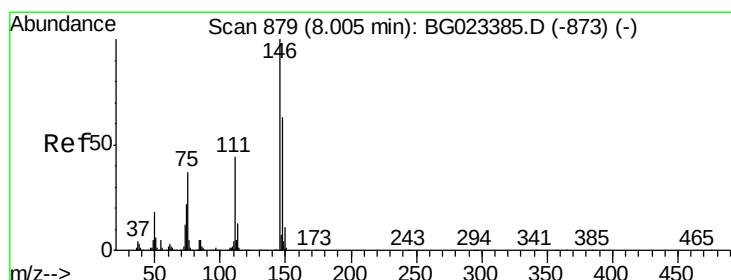
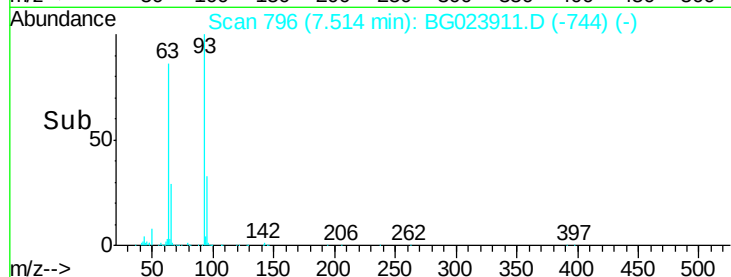
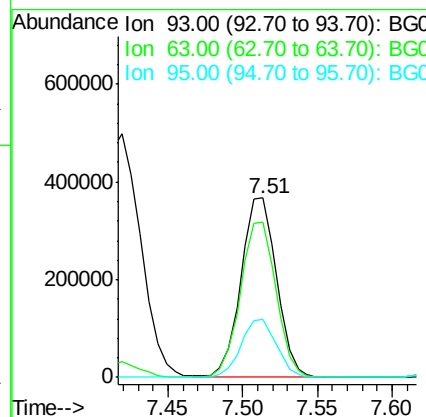
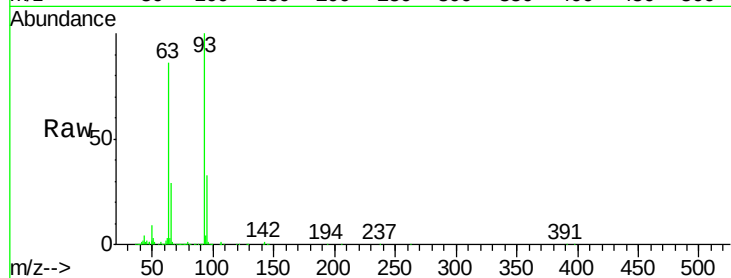




#11
 bis(2-Chloroethyl)ether
 Concen: 38.15 ng
 RT: 7.51 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BG023911.D
 Acq: 26 Aug 2016 2:08

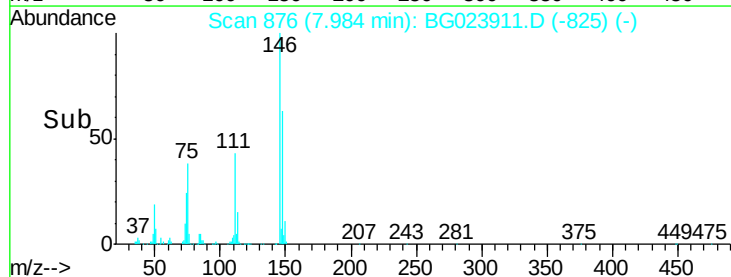
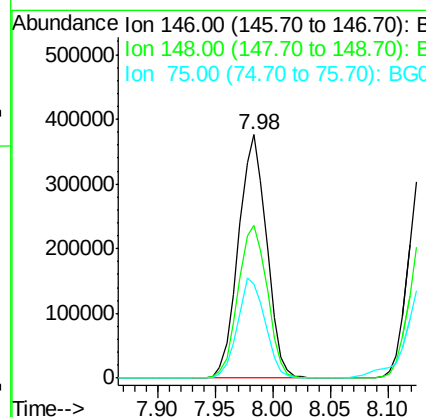
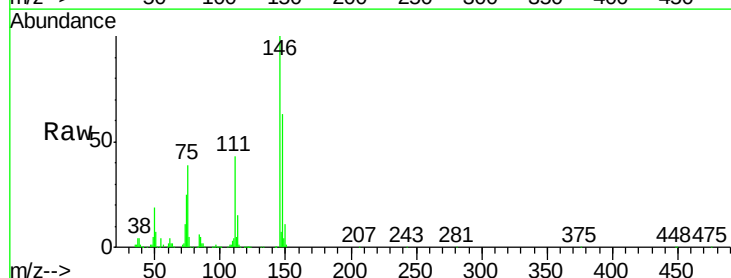
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

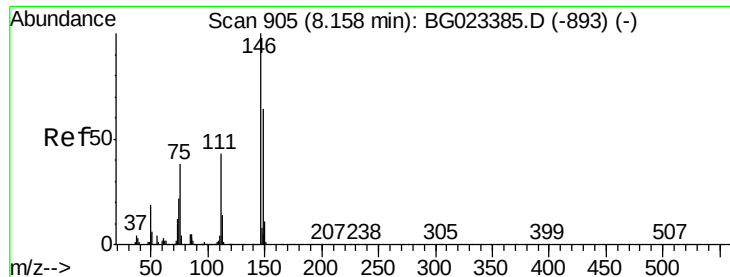
Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.4	55.0	95.0
95	32.7	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 40.05 ng
 RT: 7.98 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BG023911.D
 Acq: 26 Aug 2016 2:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.3	75.5
75	38.7	37.0	55.6

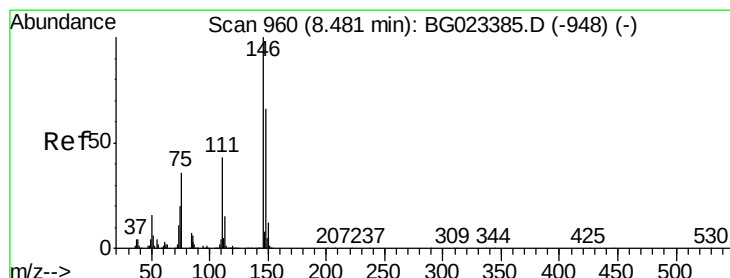
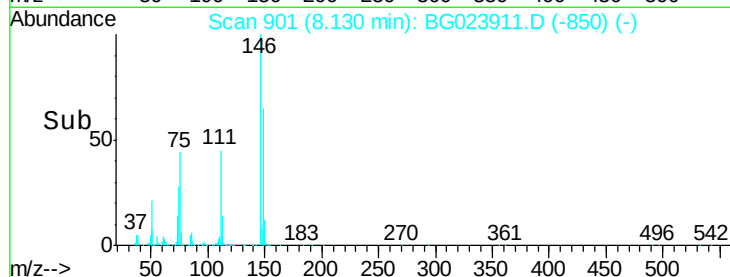
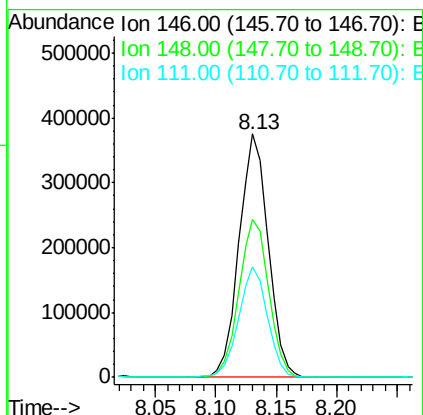
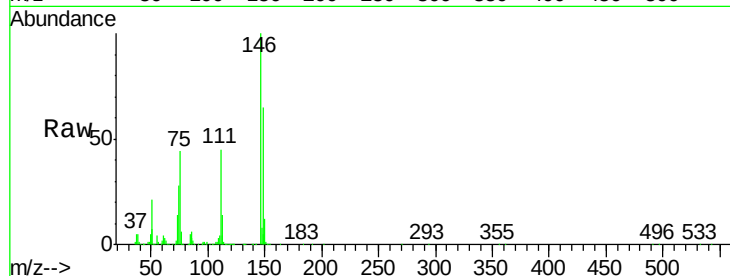




#13
 1,4-Dichlorobenzene
 Concen: 38.89 ng
 RT: 8.13 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG023911.D
 Acq: 26 Aug 2016 2:08

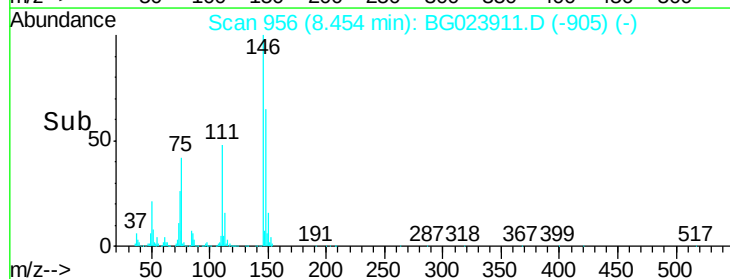
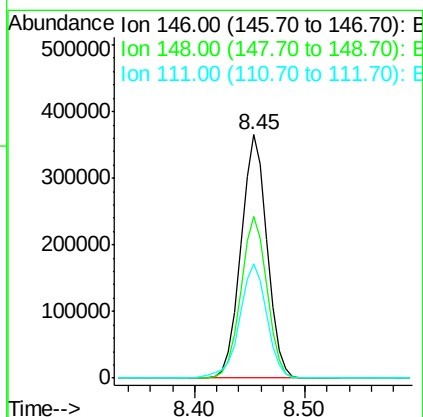
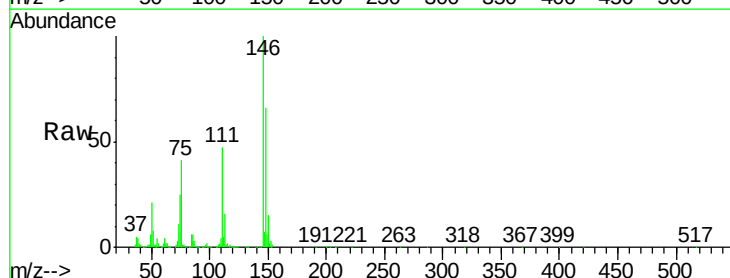
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

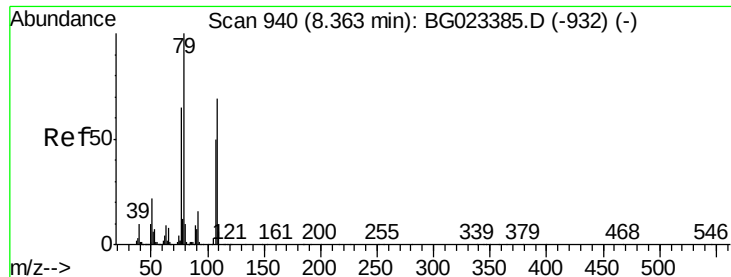
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	54.5	81.7
111	45.4	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 38.05 ng
 RT: 8.45 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BG023911.D
 Acq: 26 Aug 2016 2:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.9	79.3
111	47.0	43.5	65.3





#15

Benzyl Alcohol

Concen: 44.61 ng

RT: 8.34 min Scan# 937

Delta R.T. 0.00 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

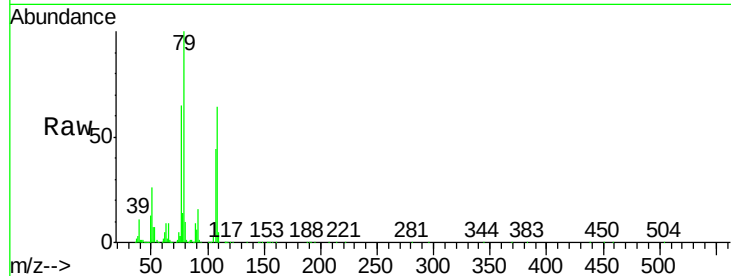
Tgt Ion: 79 Resp: 633867

Ion Ratio Lower Upper

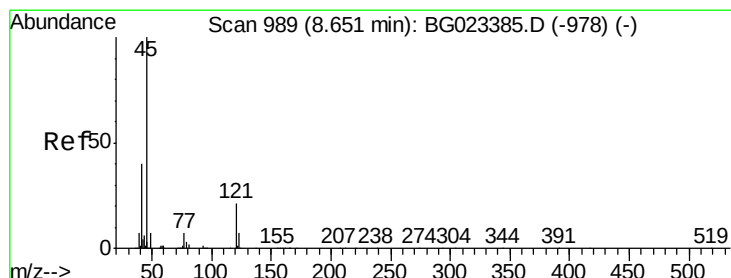
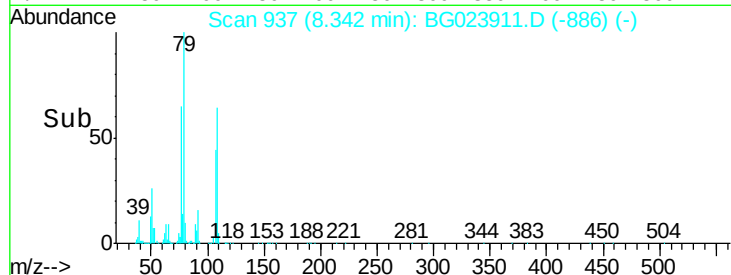
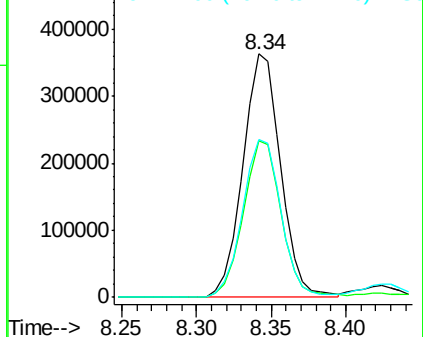
79 100

108 64.1 46.5 69.7

77 65.1 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.36 ng

RT: 8.62 min Scan# 985

Delta R.T. 0.00 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

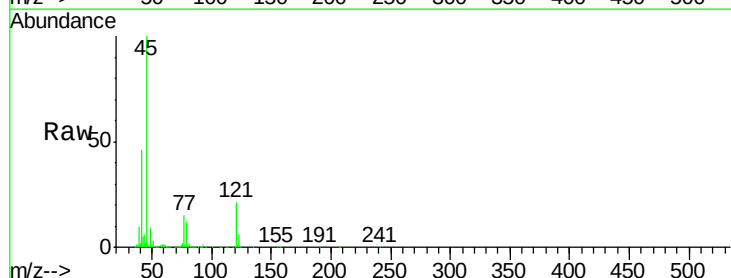
Tgt Ion: 45 Resp: 926353

Ion Ratio Lower Upper

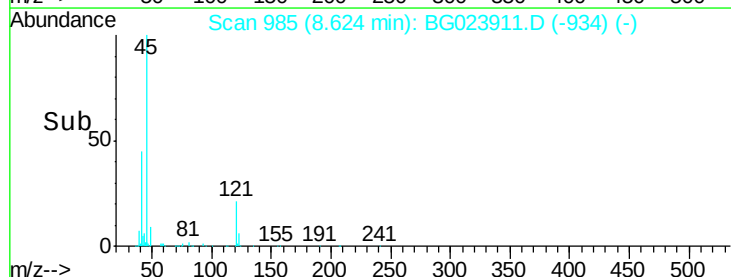
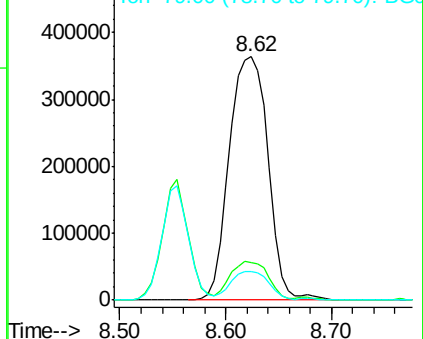
45 100

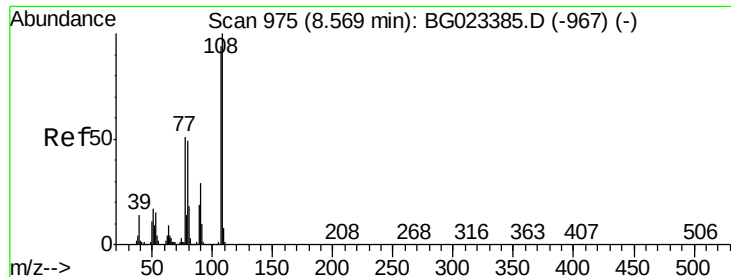
77 15.4 0.6 40.6

79 11.9 0.0 36.2



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





#17

2-Methylphenol

Concen: 38.85 ng

RT: 8.55 min Scan# 973

Delta R.T. 0.01 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 522535

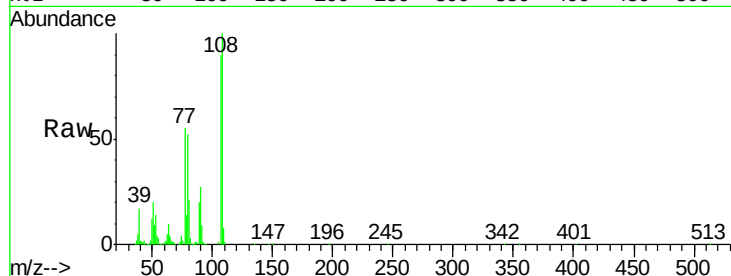
Ion Ratio Lower Upper

107 100

108 111.5 92.0 138.0

77 61.1 55.8 83.6

79 57.7 55.0 82.6

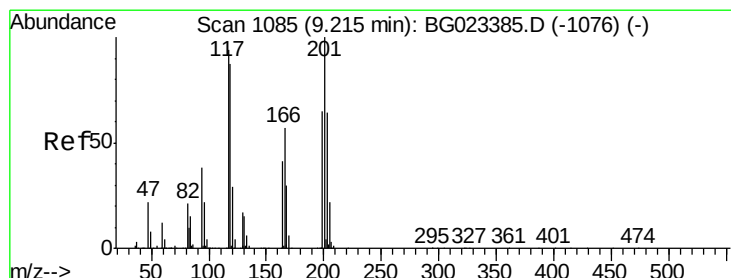
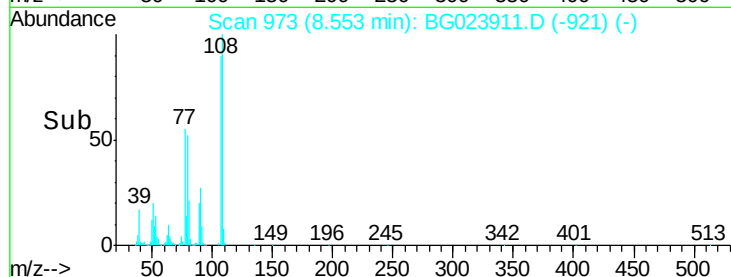
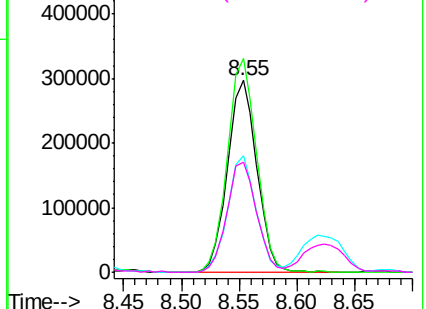


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.08 ng

RT: 9.19 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

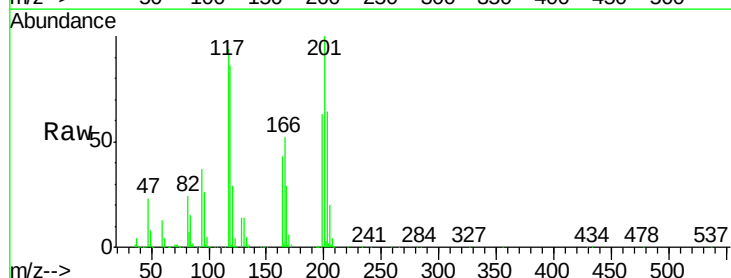
Tgt Ion:117 Resp: 256742

Ion Ratio Lower Upper

117 100

119 91.6 73.7 110.5

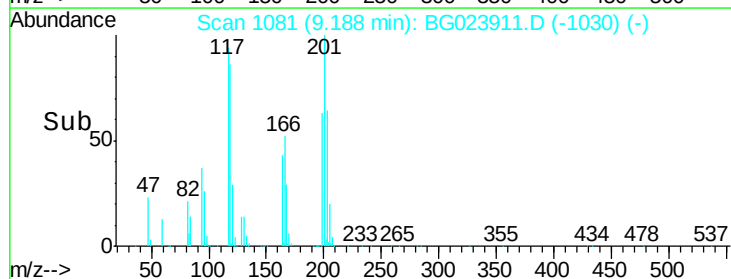
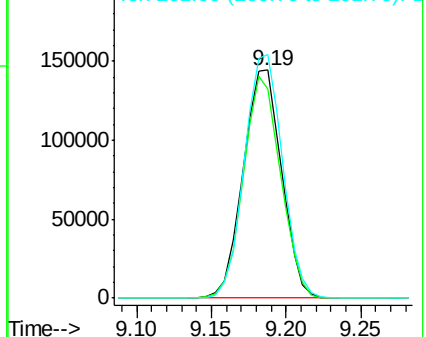
201 106.7 88.7 133.1

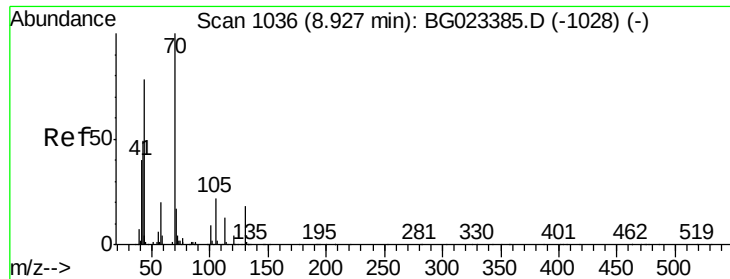


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

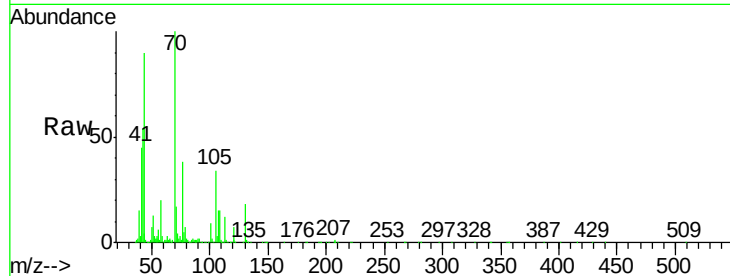




#19
n-Nitroso-di-n-propylamine
Concen: 36.77 ng
RT: 8.91 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	593038
Ion	Ratio	Lower	Upper
70	100		
42	54.1	42.1	63.1
101	8.8	7.2	10.8
130	17.8	14.2	21.2



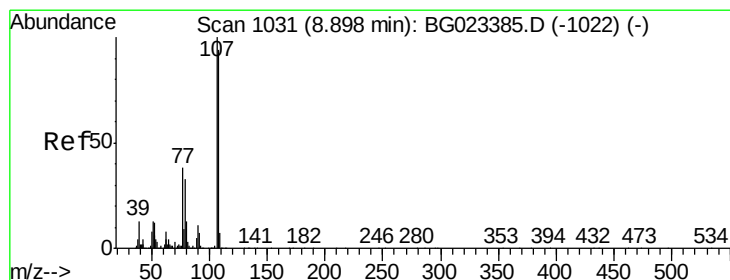
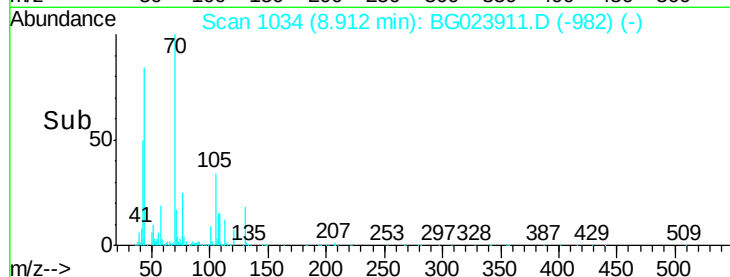
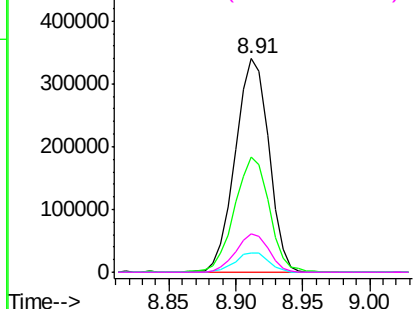
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

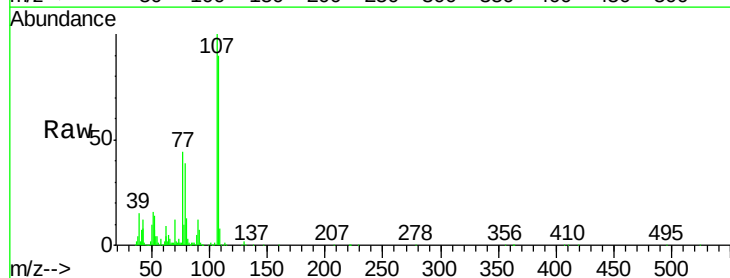
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 38.36 ng
RT: 8.89 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

Tgt Ion:	107	Resp:	727237
Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.5	112.5
77	43.9	30.1	70.1
79	39.4	24.2	64.2



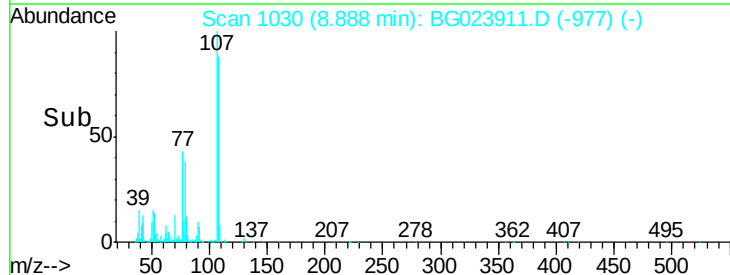
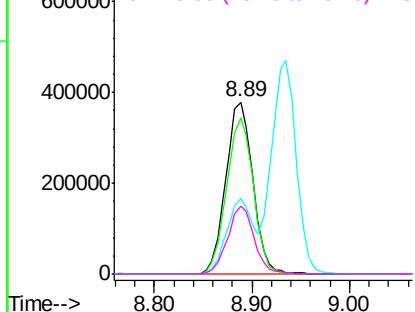
Abundance

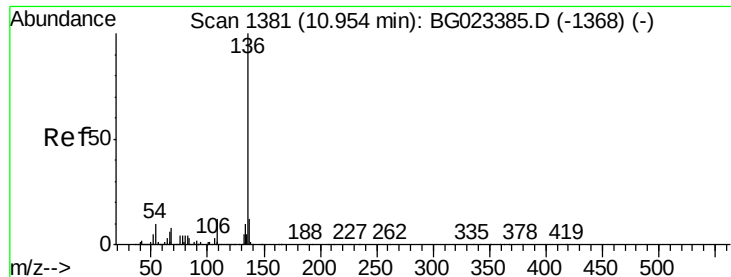
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

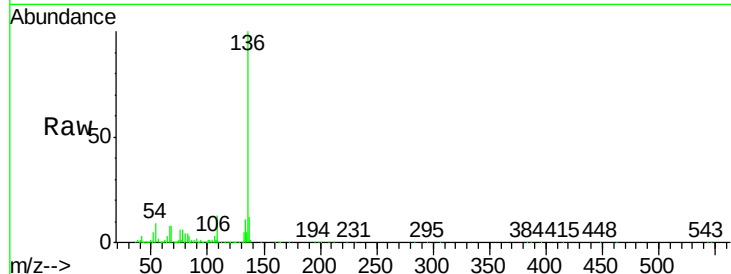




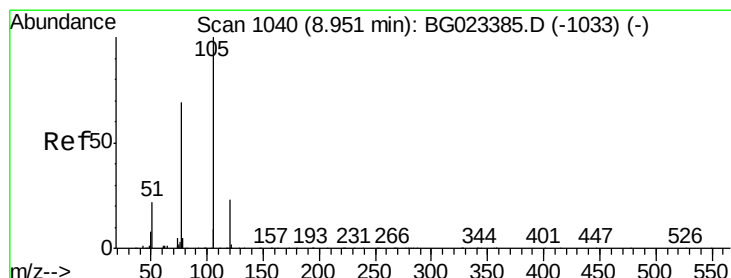
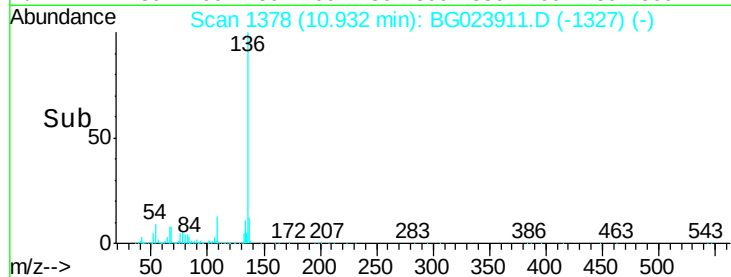
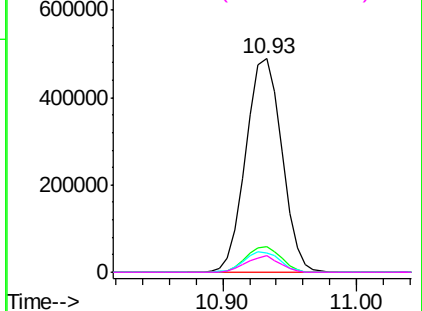
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	910539
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	9.0	7.3	10.9
68	7.5	5.3	7.9

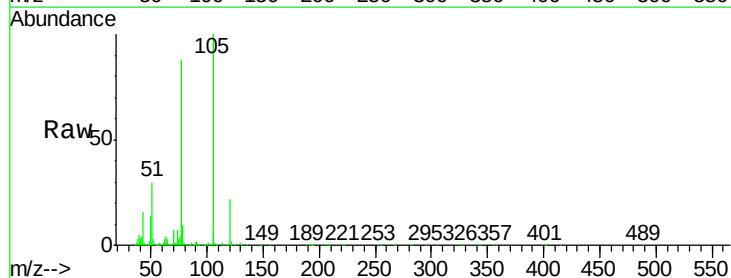


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

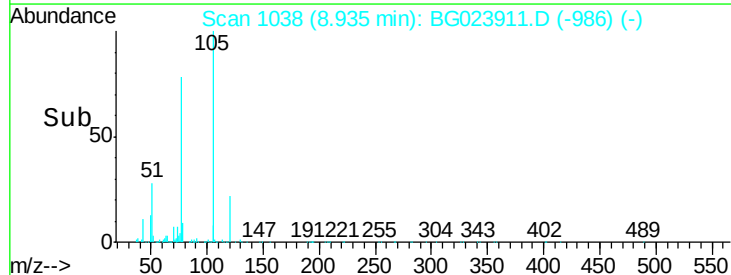
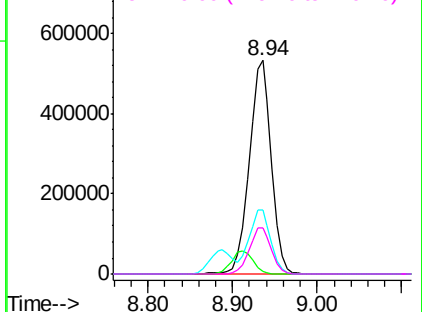


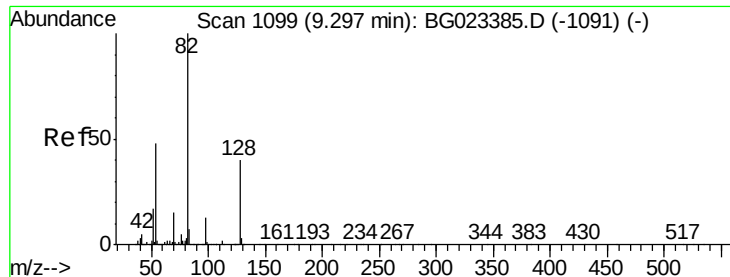
#22
Acetophenone
Concen: 38.74 ng
RT: 8.94 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

Tgt Ion:	105	Resp:	965825
Ion	Ratio	Lower	Upper
105	100		
71	1.1	2.6	3.8#
51	29.9	27.1	40.7
120	21.6	15.1	22.7



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: 81.83 ng

RT: 9.28 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

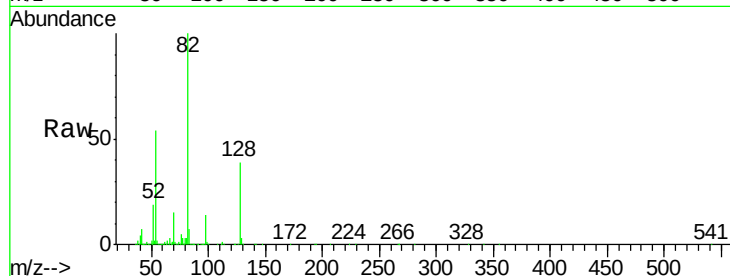
Tgt Ion: 82 Resp: 1498813

Ion Ratio Lower Upper

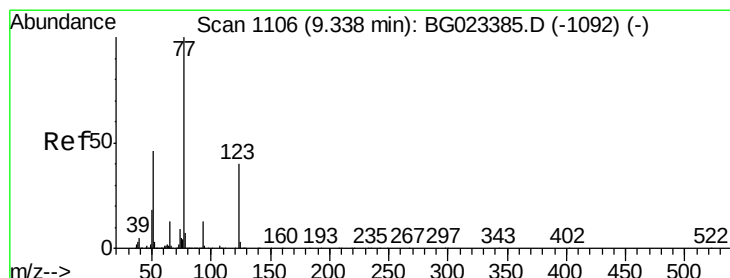
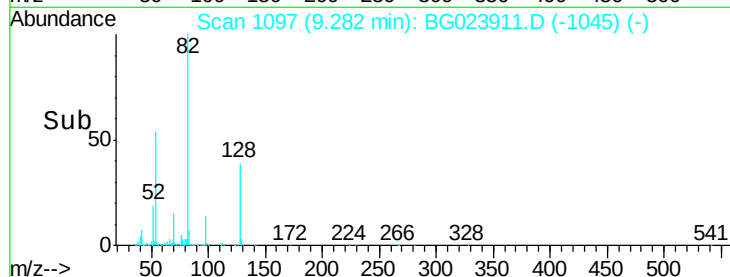
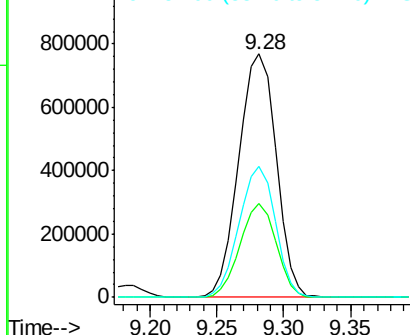
82 100

128 38.6 24.4 36.6#

54 54.0 41.4 62.0



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: 43.61 ng

RT: 9.32 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

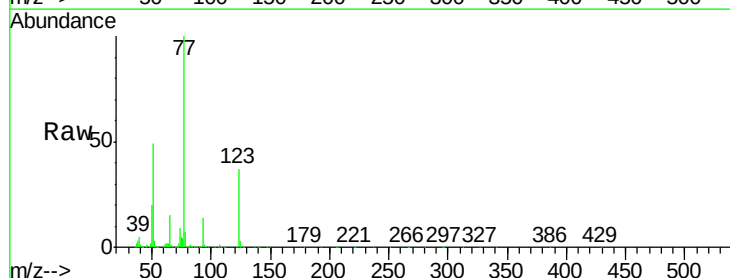
Tgt Ion: 77 Resp: 884385

Ion Ratio Lower Upper

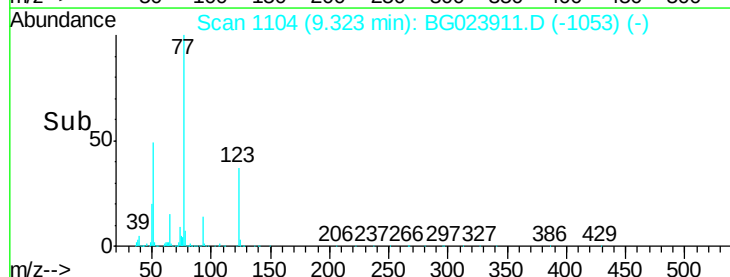
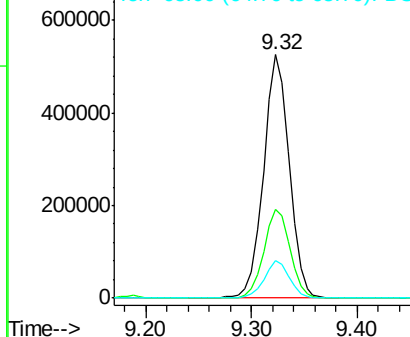
77 100

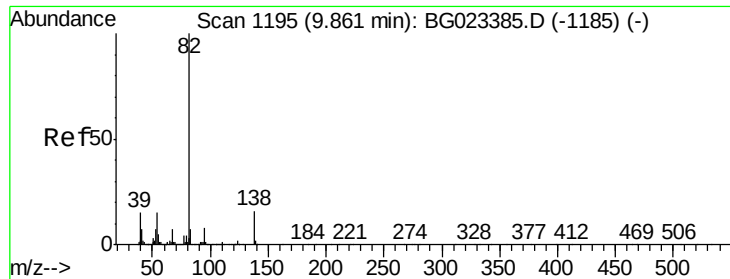
123 36.6 25.0 37.6

65 15.3 13.4 20.0



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

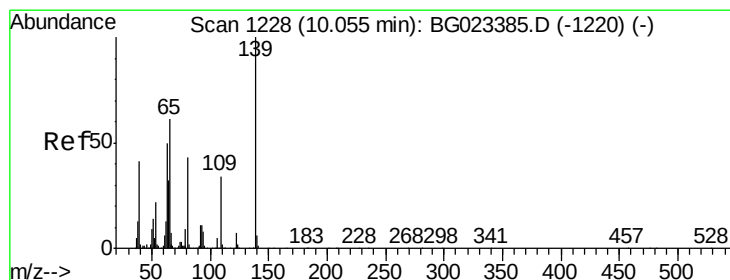
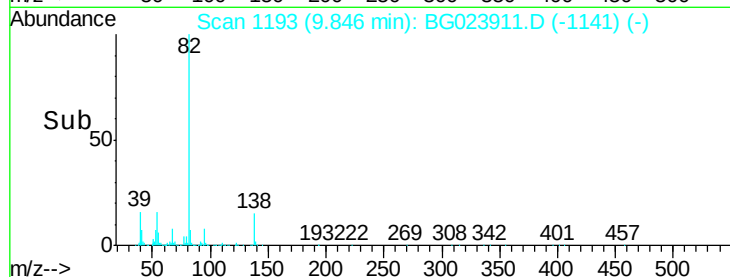
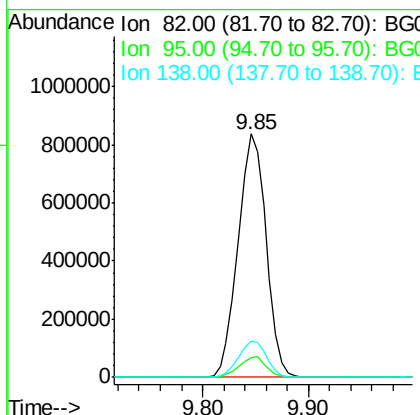
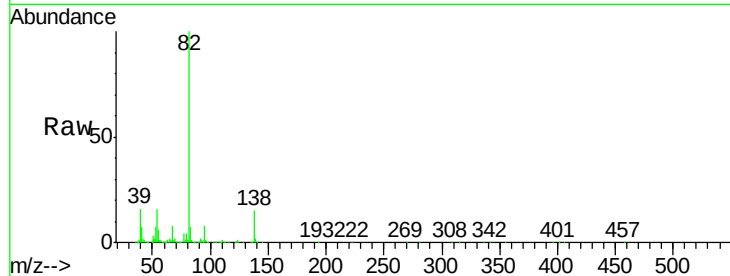




#25
Isophorone
Concen: 40.38 ng
RT: 9.85 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

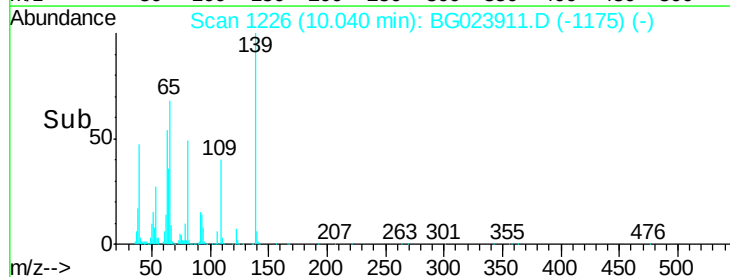
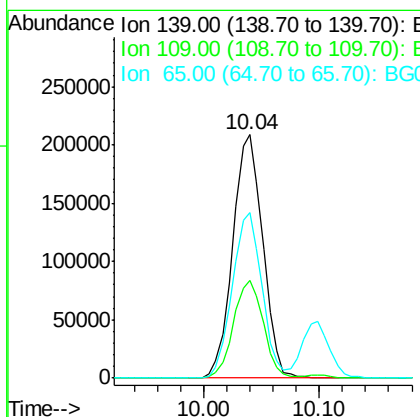
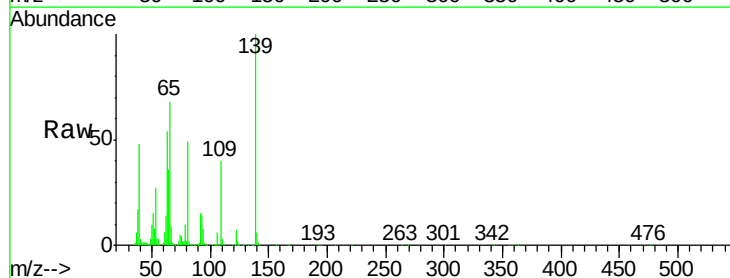
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

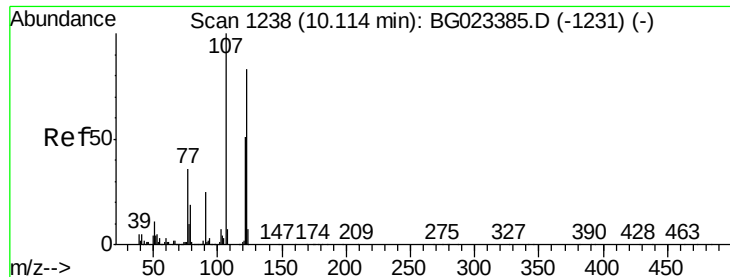
Tgt Ion: 82 Resp: 1540568
Ion Ratio Lower Upper
82 100
95 8.3 8.2 12.2
138 15.1 10.7 16.1



#26
2-Nitrophenol
Concen: 43.90 ng
RT: 10.04 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

Tgt Ion: 139 Resp: 375765
Ion Ratio Lower Upper
139 100
109 40.0 43.5 65.3#
65 68.1 64.3 96.5

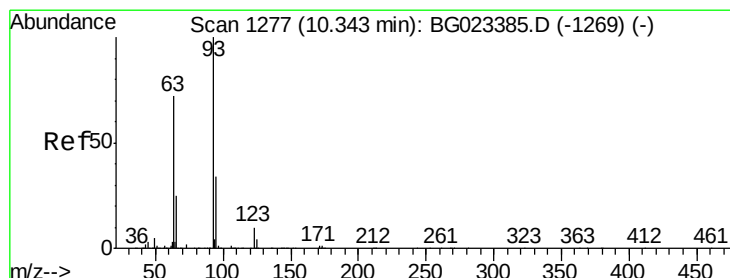
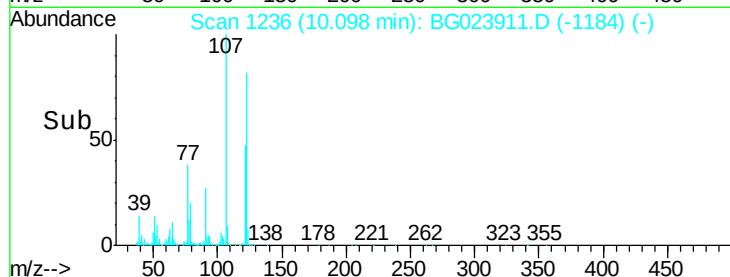
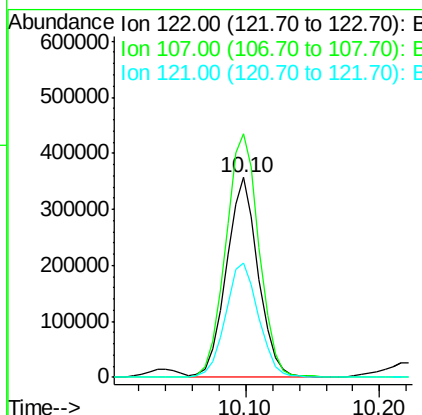
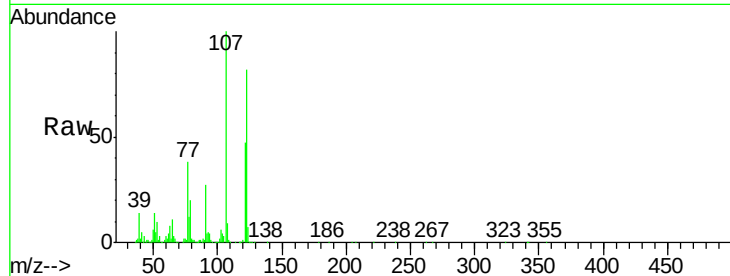




#27
 2,4-Dimethylphenol
 Concen: 40.45 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BG023911.D
 Acq: 26 Aug 2016 2:08

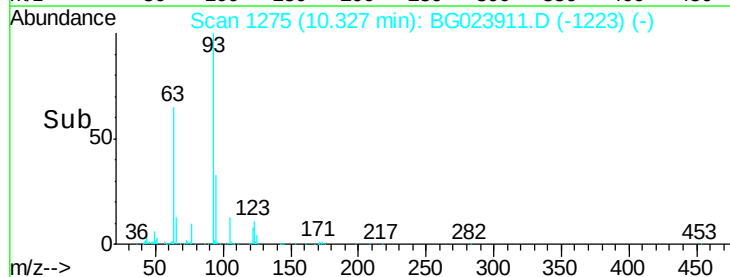
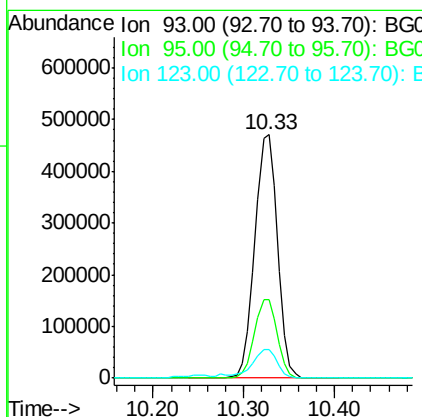
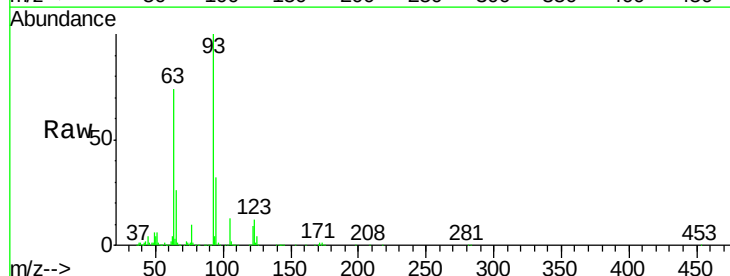
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

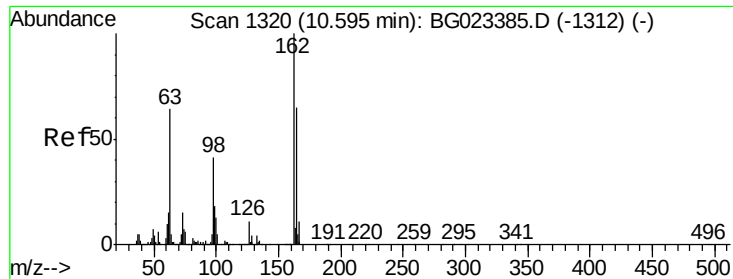
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.0	117.0	175.4
121	57.5	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.53 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BG023911.D
 Acq: 26 Aug 2016 2:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.4	38.2
123	11.5	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 41.61 ng

RT: 10.59 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

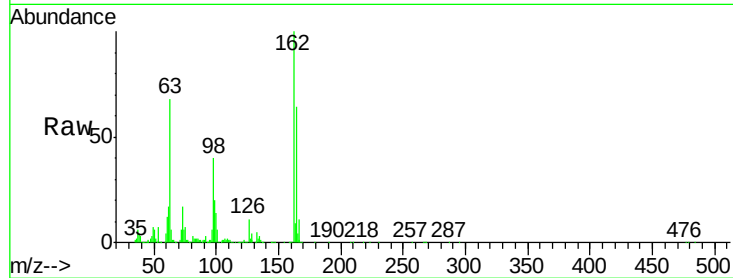
Tgt Ion:162 Resp: 609791

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

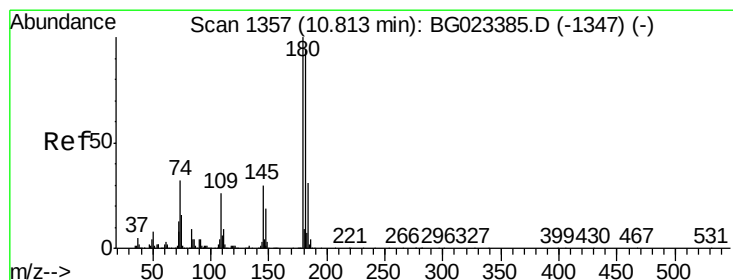
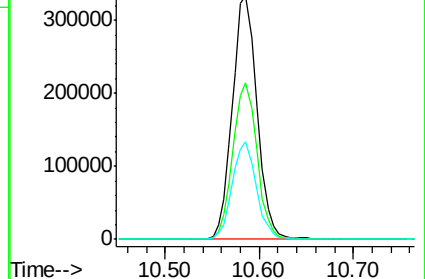
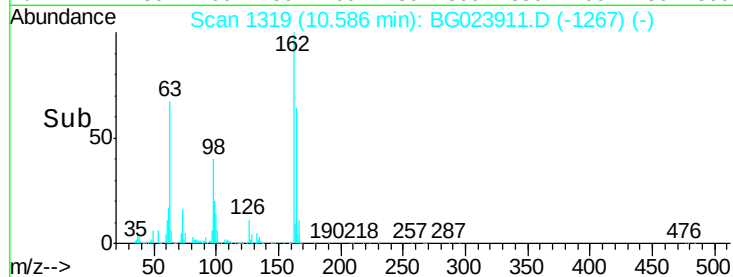
98 40.3 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.79 ng

RT: 10.79 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

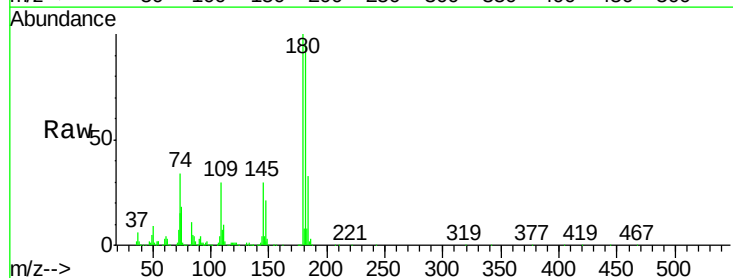
Tgt Ion:180 Resp: 644721

Ion Ratio Lower Upper

180 100

182 95.2 73.8 110.8

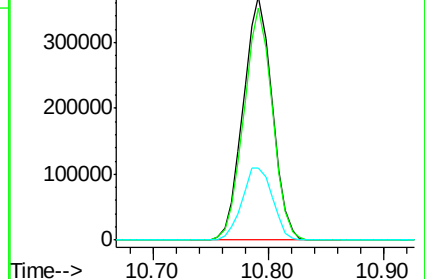
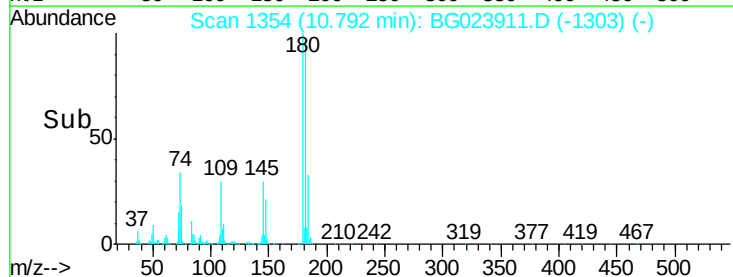
145 29.8 24.4 36.6

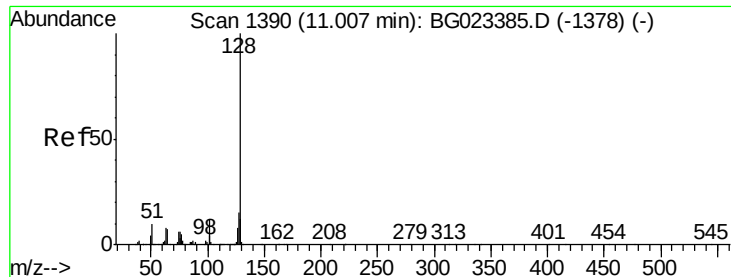


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

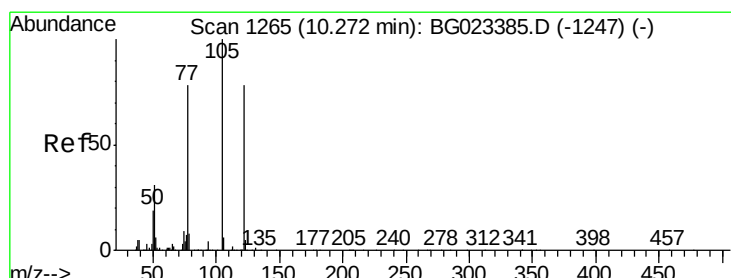
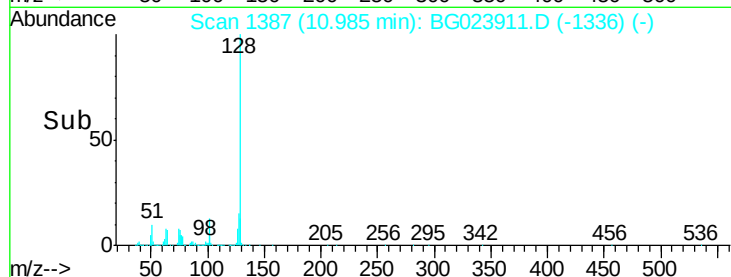
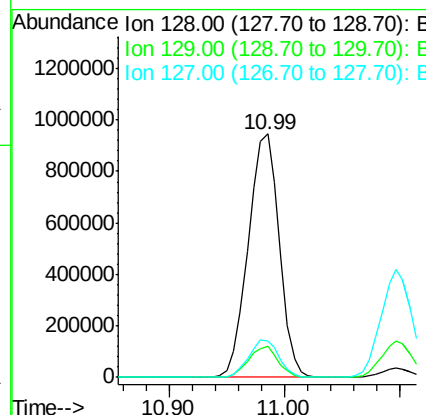
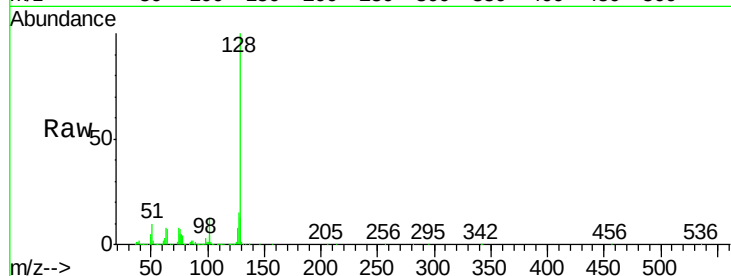




#31
Naphthalene
Concen: 38.02 ng
RT: 10.99 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

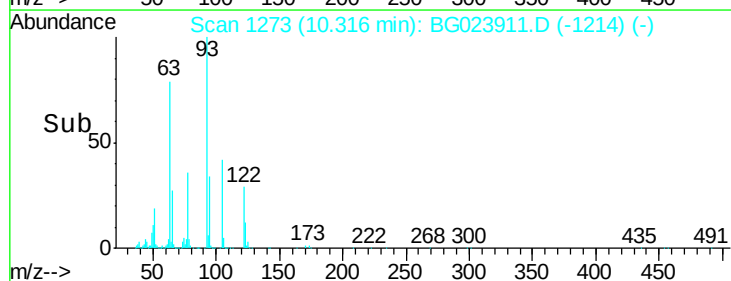
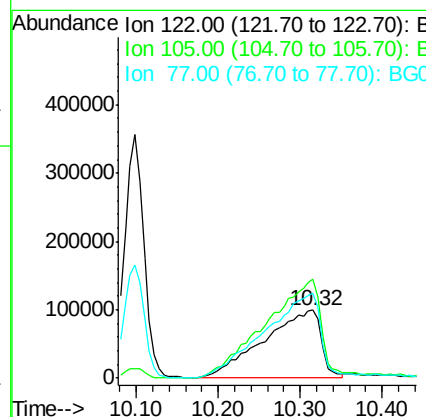
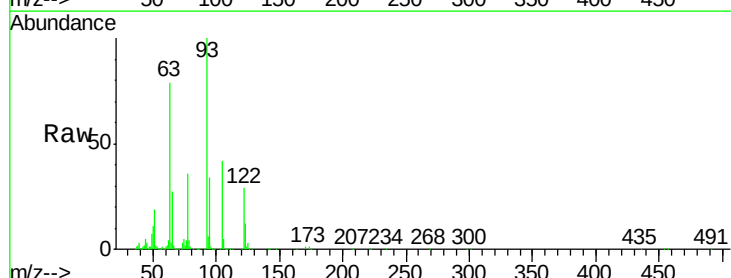
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

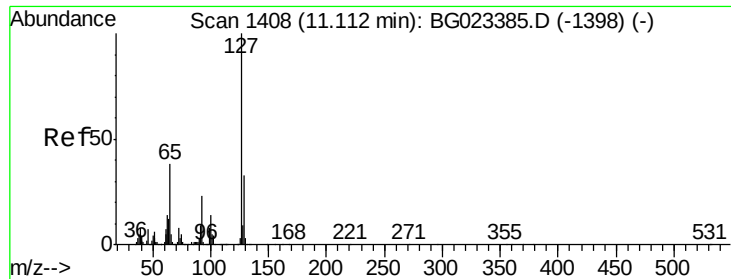
Tgt Ion:128 Resp: 1762948
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.0
127 14.9 11.3 16.9



#32
Benzoic acid
Concen: 37.47 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.05 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

Tgt Ion:122 Resp: 480895
Ion Ratio Lower Upper
122 100
105 146.0 117.2 157.2
77 124.4 109.2 149.2

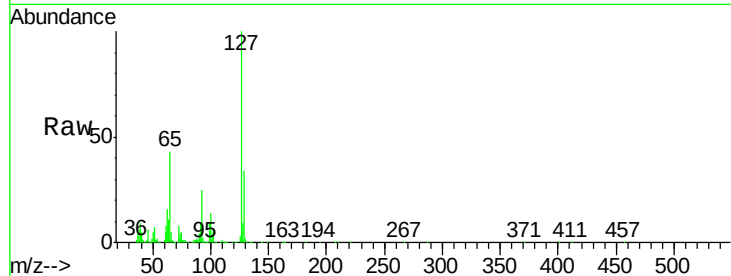




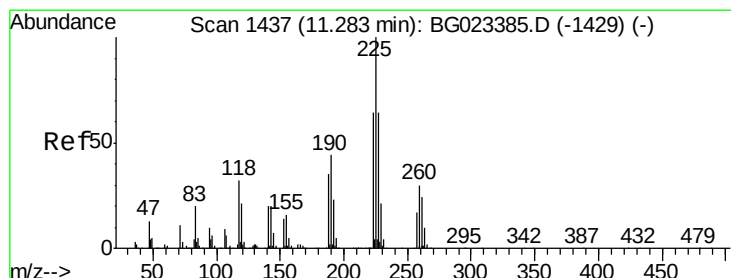
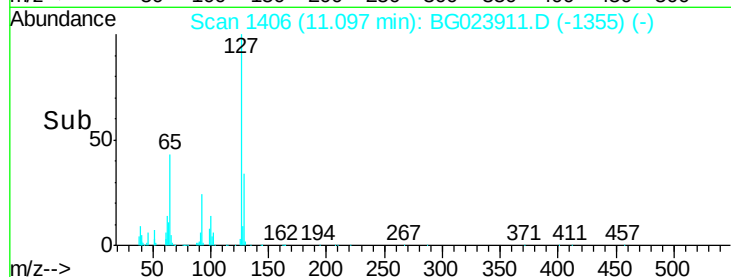
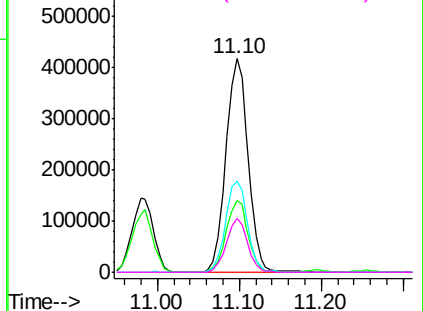
#33
4-Chloroaniline
Concen: 35.52 ng
RT: 11.10 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	787403
Ion	Ratio	Lower	Upper
127	100		
129	33.8	27.9	41.9
65	42.6	36.8	55.2
92	25.1	21.0	31.6

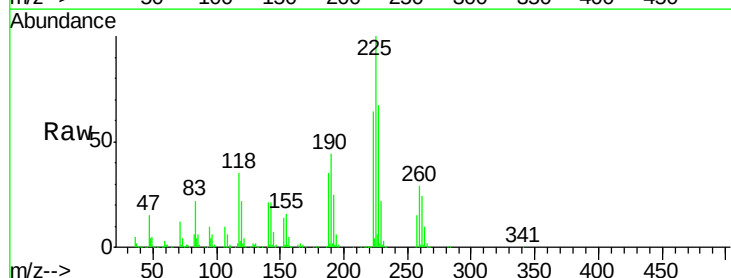


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

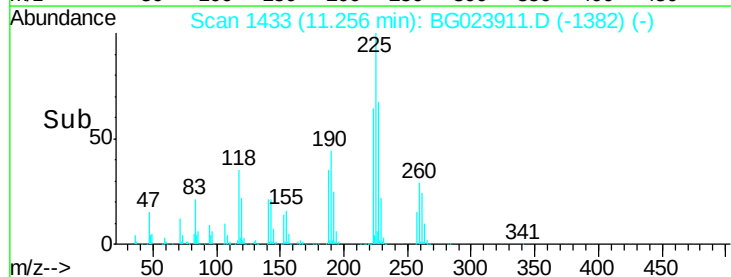
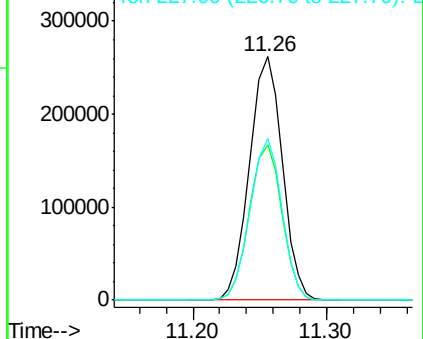


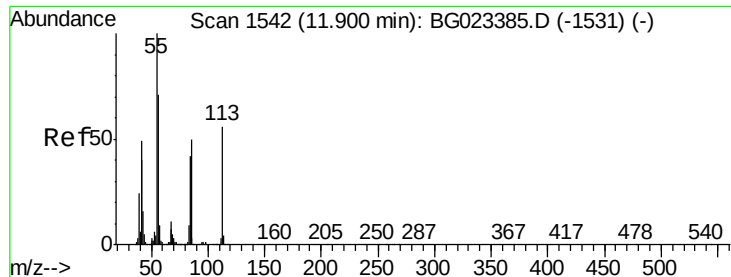
#34
Hexachlorobutadiene
Concen: 42.78 ng
RT: 11.26 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG023911.D
Acq: 26 Aug 2016 2:08

Tgt Ion:	225	Resp:	444700
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.6	74.4
227	66.6	54.5	81.7



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





#35

Caprolactam

Concen: 28.15 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.04 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

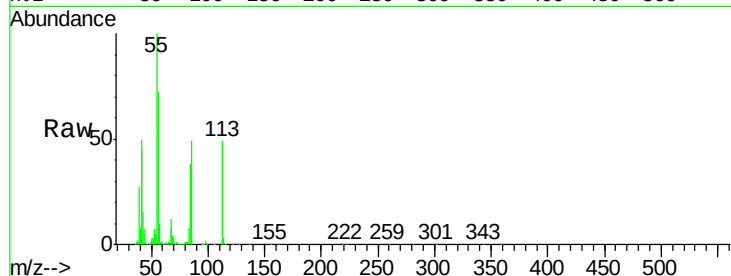
Tgt Ion:113 Resp: 173557

Ion Ratio Lower Upper

113 100

55 203.6 154.5 194.5#

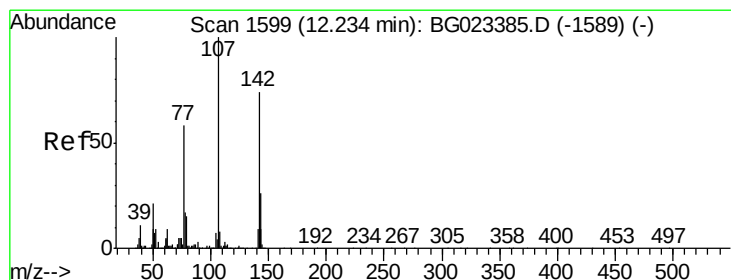
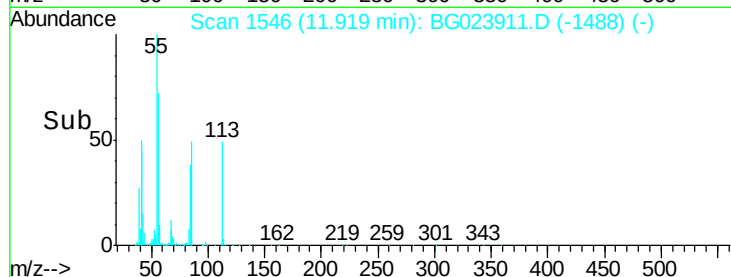
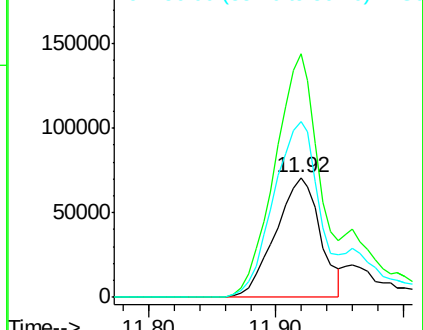
56 147.3 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.72 ng

RT: 12.23 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BG023911.D

Acq: 26 Aug 2016 2:08

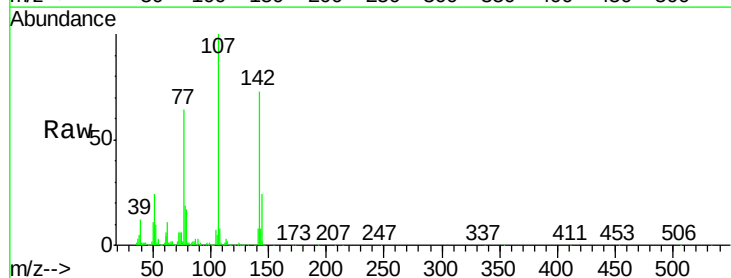
Tgt Ion:107 Resp: 745492

Ion Ratio Lower Upper

107 100

144 23.7 17.0 25.6

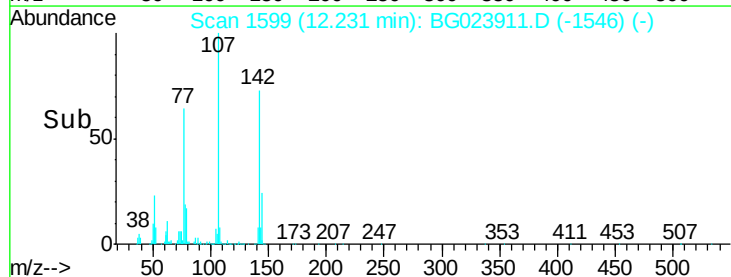
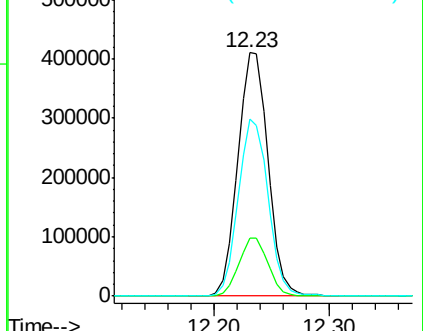
142 72.8 53.0 79.6

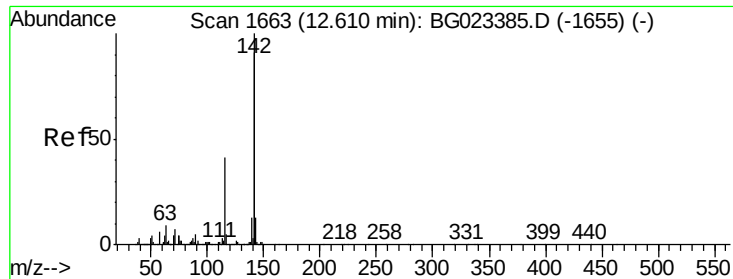


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

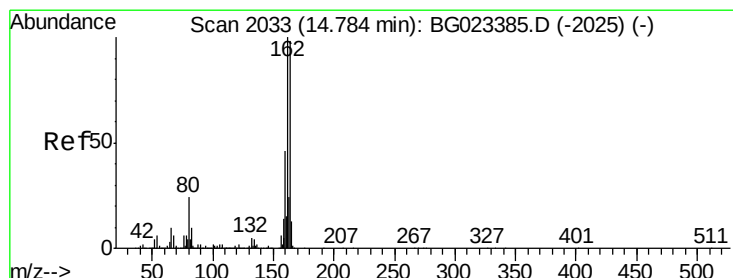
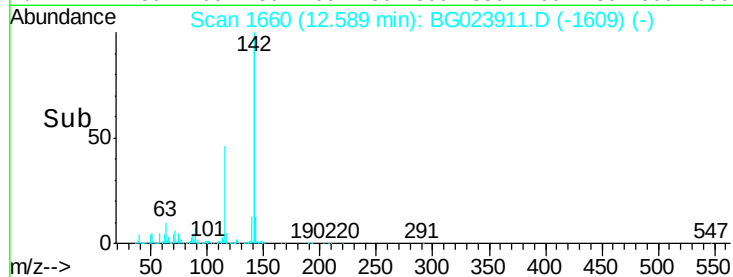
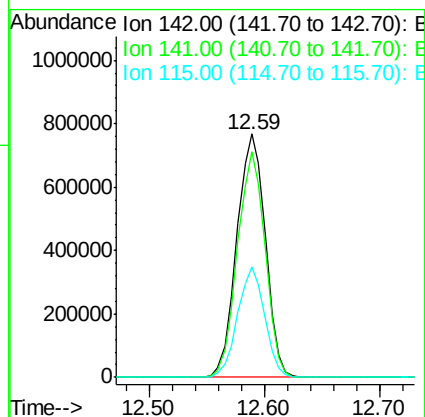
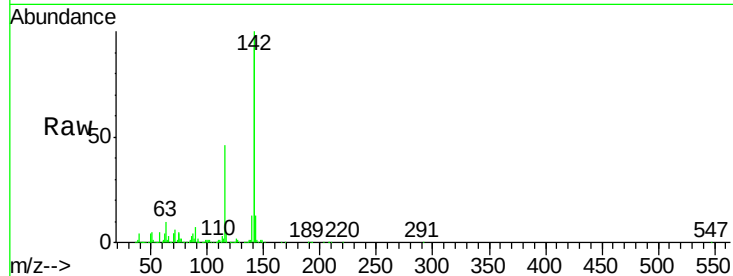




#37
 2-Methylnaphthalene
 Concen: 37.13 ng
 RT: 12.59 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BG023911.D
 Acq: 26 Aug 2016 2:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 1308965
 Ion Ratio Lower Upper
 142 100
 141 92.7 70.2 105.2
 115 45.5 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BG023911.D
 Acq: 26 Aug 2016 2:08

Tgt Ion:164 Resp: 597204
 Ion Ratio Lower Upper
 164 100
 162 102.5 87.7 131.5
 160 45.3 37.2 55.8

