Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
Data File : BG016669.D
Acq On : 24 Apr 2015 2:05
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 24 03:31:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	52861	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	235494	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	132499	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	269652	20.00	ng		0.00
75) Chrysene-d12	21.18	240	247104	20.00	ng		0.00
86) Perylene-d12	23.39	264	233364	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	276472	84.87	ng		0.00
7) Phenol-d6	6.80	99	383225	83.86	ng		0.00
23) Nitrobenzene-d5	8.76	82	321747	86.33	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	81804	83.22	ng		0.00
44) 2-Fluorobiphenyl	12.87	172	702094	85.13	ng		0.00
78) Terphenyl-d14	19.63	244	902956	84.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	61089	43.29	ng		100
3) Pyridine	3.46	79	173108	43.21	ng		100
4) n-Nitrosodimethylamine	3.38	42	49939	42.25	ng		95
6) Aniline	6.93	93	260132	41.51	ng		99
8) 2-Chlorophenol	7.17	128	163392	40.58	ng		98
9) Benzaldehyde	6.74	77	68774	36.84	ng		98
10) Phenol	6.82	94	199636	41.44	ng		99
11) bis(2-Chloroethyl)ether	7.03	93	151432	40.27	ng		99
12) 1,3-Dichlorobenzene	7.48	146	169147	40.62	ng		96
13) 1,4-Dichlorobenzene	7.63	146	174771	41.06	ng		98
14) 1,2-Dichlorobenzene	7.95	146	162868	40.08	ng		98
15) Benzyl Alcohol	7.85	79	119884	41.80	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.14	45	144316	41.00	ng		96
17) 2-Methylphenol	8.06	107	133838	41.56	ng		99
18) Hexachloroethane	8.66	117	62674	41.76	ng		98
19) n-Nitroso-di-n-propylamine	8.41	70	118730	41.68	ng		97
20) 3+4-Methylphenols	8.39	107	188872	41.71	ng		99
22) Acetophenone	8.42	105	219548	42.48	ng	#	99
24) Nitrobenzene	8.80	77	165109	42.18	ng		99
25) Isophorone	9.32	82	328471	42.53	ng		99
26) 2-Nitrophenol	9.51	139	96721	42.59	ng		98
27) 2,4-Dimethylphenol	9.58	122	161735	42.65	ng		100
28) bis(2-Chloroethoxy)methane	9.80	93	195695	41.99	ng		97
29) 2,4-Dichlorophenol	10.05	162	137929	42.79	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	143562	42.02	ng		99
31) Naphthalene	10.43	128	517301	41.66	ng		99
32) Benzoic acid	9.74	122	64464	34.43	ng		96
33) 4-Chloroaniline	10.55	127	239671	41.89	ng		99
34) Hexachlorobutadiene	10.72	225	63598	41.68	ng		97
35) Caprolactam	11.33	113	71598	41.20	ng		94
36) 4-Chloro-3-methylphenol	11.70	107	155776	41.56	ng		99
37) 2-Methylnaphthalene	12.06	142	371507	41.43	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	135539	42.94	ng		100
40) Hexachlorocyclopentadiene	12.41	237	42483	38.85	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
Data File : BG016669.D
Acq On : 24 Apr 2015 2:05
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 24 03:31:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	98669	42.78	ng	98
43) 2,4,5-Trichlorophenol	12.76	196	101553	41.61	ng	99
45) 1,1'-Biphenyl	13.08	154	438290	42.12	ng	99
46) 2-Chloronaphthalene	13.12	162	338215	42.28	ng	98
47) 2-Nitroaniline	13.34	65	96058	44.03	ng	96
48) Acenaphthylene	13.97	152	596949	42.61	ng	99
49) Dimethylphthalate	13.72	163	408243	41.19	ng	99
50) 2,6-Dinitrotoluene	13.84	165	100947	41.50	ng	94
51) Acenaphthene	14.32	154	350906	41.73	ng	99
52) 3-Nitroaniline	14.17	138	125540	42.70	ng	96
53) 2,4-Dinitrophenol	14.39	184	38704	34.09	ng	95
54) Dibenzofuran	14.65	168	486486	41.02	ng	100
55) 4-Nitrophenol	14.51	139	90157	40.93	ng	98
56) 2,4-Dinitrotoluene	14.63	165	141607	42.51	ng	98
57) Fluorene	15.30	166	429077	41.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.89	232	76426	41.38	ng	99
59) Diethylphthalate	15.08	149	427303	41.37	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	174882	40.39	ng	99
61) 4-Nitroaniline	15.34	138	145507	44.75	ng	99
62) Azobenzene	15.59	77	395433	41.91	ng	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	74156	40.64	ng	96
65) n-Nitrosodiphenylamine	15.52	169	393136	42.52	ng	99
66) 4-Bromophenyl-phenylether	16.19	248	94796	42.07	ng	96
67) Hexachlorobenzene	16.30	284	98279	42.41	ng	99
68) Atrazine	16.47	200	104583	42.14	ng	99
69) Pentachlorophenol	16.66	266	44152	39.24	ng	97
70) Phenanthrene	17.04	178	644939	41.63	ng	99
71) Anthracene	17.13	178	653642	42.42	ng	99
72) Carbazole	17.41	167	660935	42.82	ng	99
73) Di-n-butylphthalate	17.97	149	803595	43.67	ng	99
74) Fluoranthene	19.06	202	697490	42.49	ng	99
76) Benzidine	19.25	184	371969	44.20	ng	99
77) Pyrene	19.42	202	724476	41.73	ng	99
79) Butylbenzylphthalate	20.32	149	367327	43.02	ng	97
80) Benzo(a)anthracene	21.17	228	630815	42.10	ng	99
81) 3,3'-Dichlorobenzidine	21.10	252	208204	42.64	ng	96
82) Chrysene	21.22	228	608979	42.39	ng	100
83) Bis(2-ethylhexyl)phthalate	21.10	149	515254	44.35	ng	99
84) Di-n-octyl phthalate	21.96	149	858692	44.37	ng	99
85) Indeno(1,2,3-cd)pyrene	25.63	276	665261	42.49	ng	100
87) Benzo(b)fluoranthene	22.72	252	606247	42.77	ng	99
88) Benzo(k)fluoranthene	22.77	252	577115	41.72	ng	99
89) Benzo(a)pyrene	23.29	252	563285	42.17	ng	99
90) Dibenzo(a,h)anthracene	25.64	278	548282	42.21	ng	98
91) Benzo(g,h,i)perylene	26.32	276	553526	41.88	ng	99

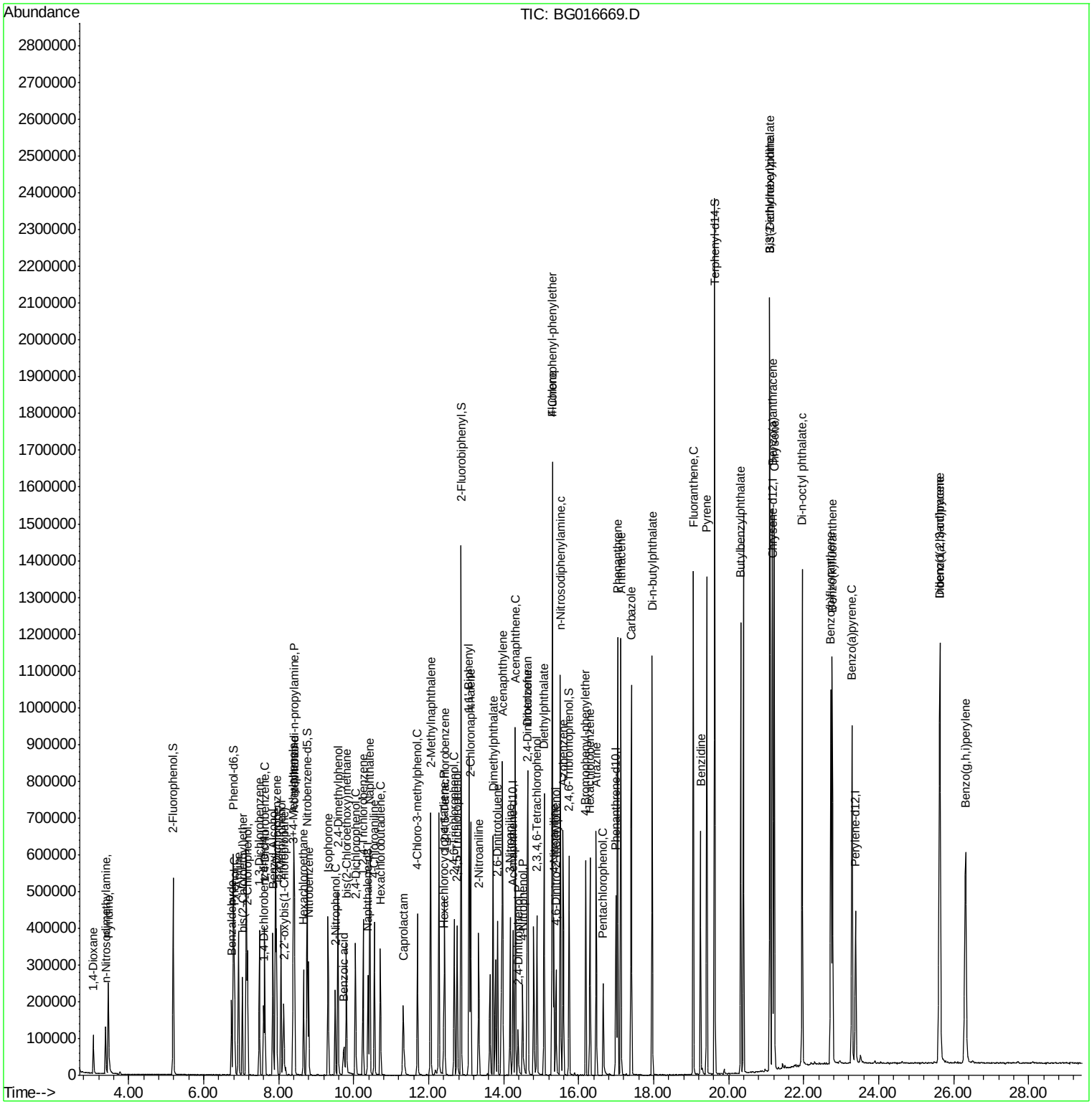
(#) = qualifier out of range (m) = manual integration (+) = signals summed

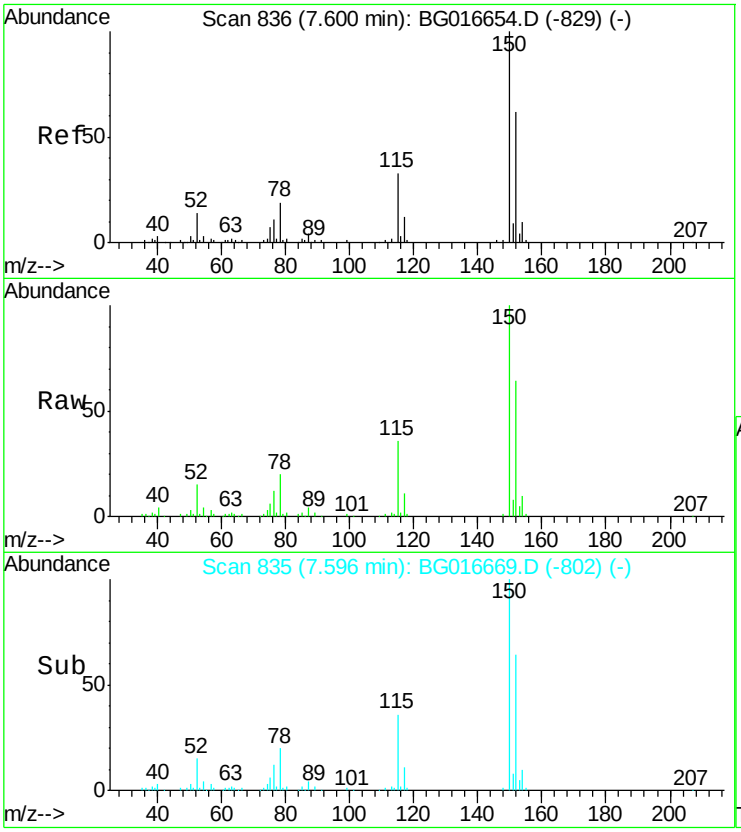
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
Data File : BG016669.D
Acq On : 24 Apr 2015 2:05
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Apr 24 03:31:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration



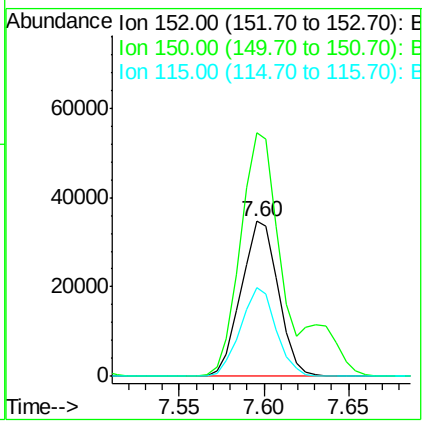


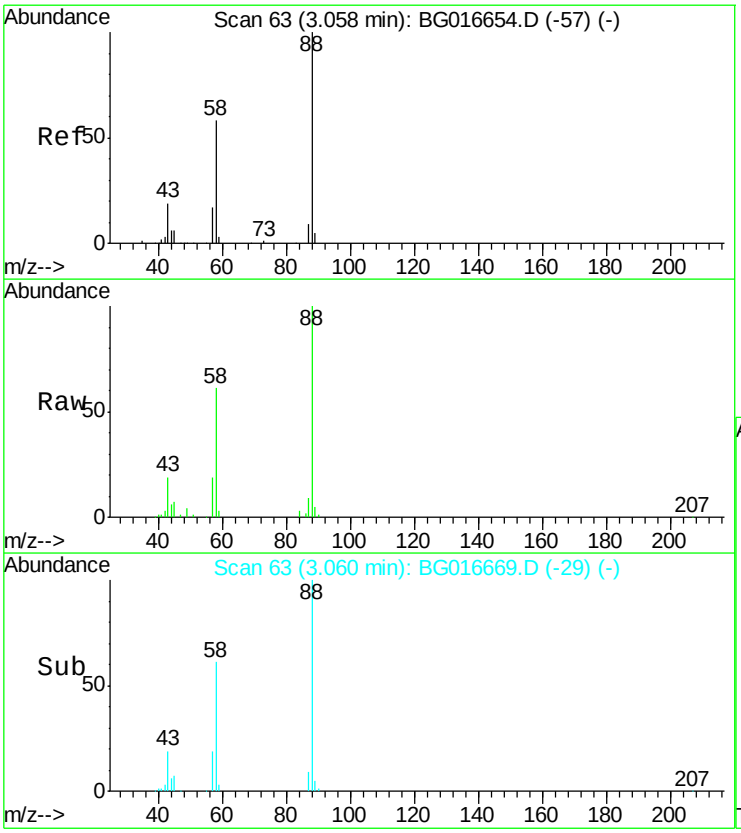
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 52861

Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.6	194.4
115	57.1	43.0	64.6

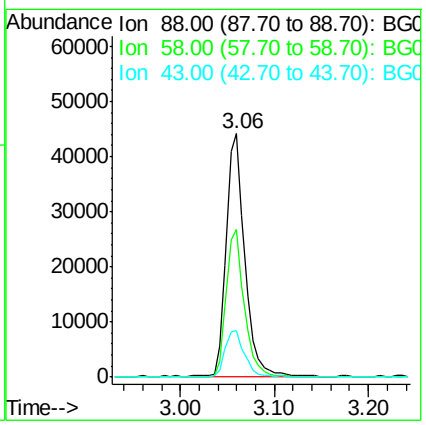


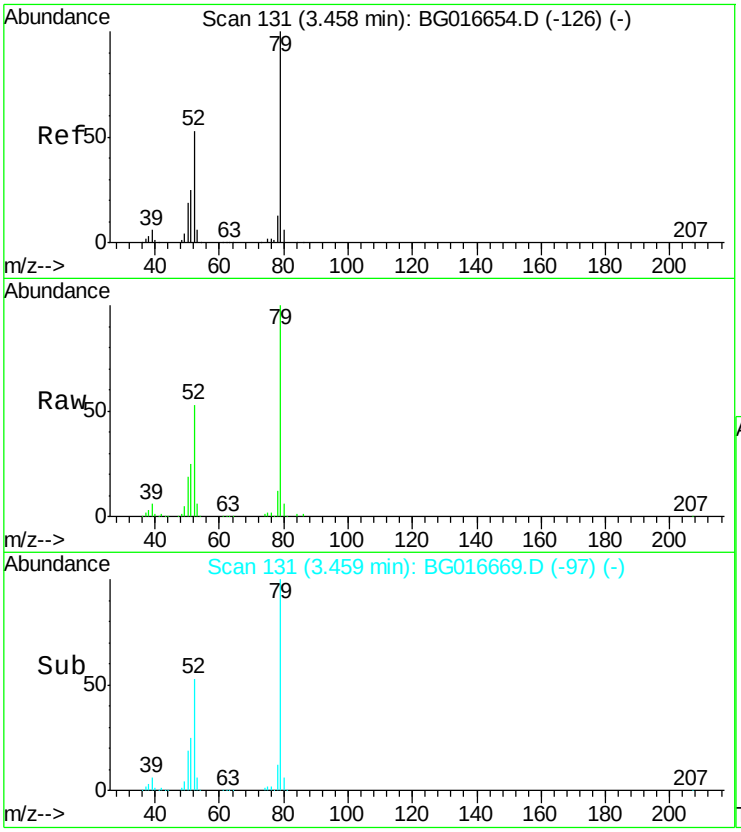


#2
1,4-Dioxane
Concen: 43.29 ng
RT: 3.06 min Scan# 63
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion: 88 Resp: 61089

Ion	Ratio	Lower	Upper
88	100		
58	58.7	46.8	70.2
43	19.6	15.8	23.8



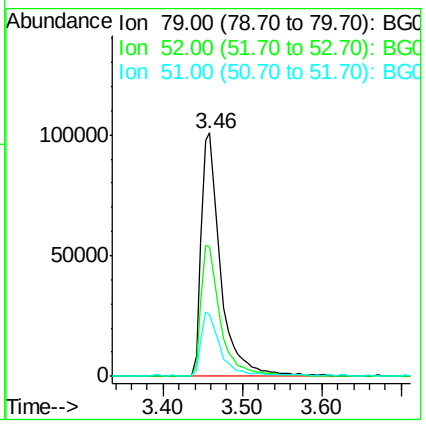


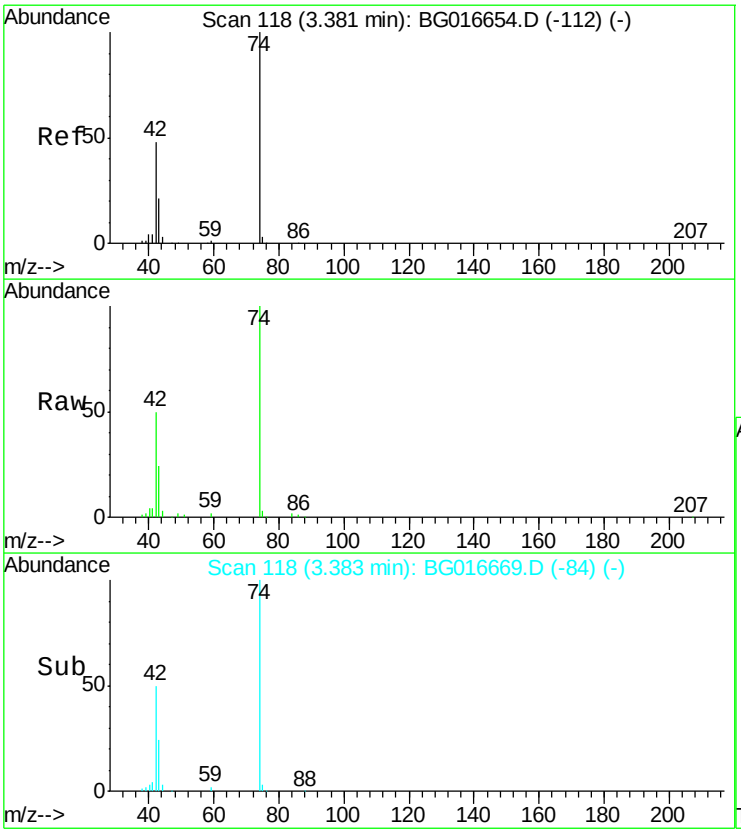
#3
Pyridine
Concen: 43.21 ng
RT: 3.46 min Scan# 131
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 173108

Ion	Ratio	Lower	Upper
79	100		
52	53.2	42.7	64.1
51	25.2	20.5	30.7

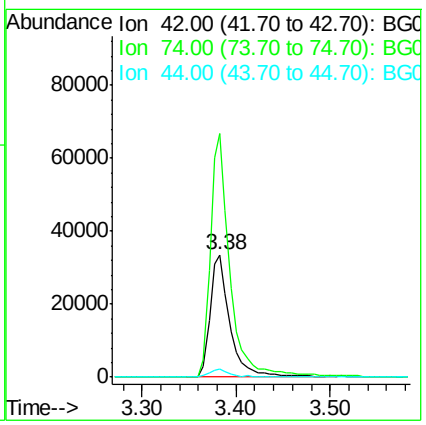


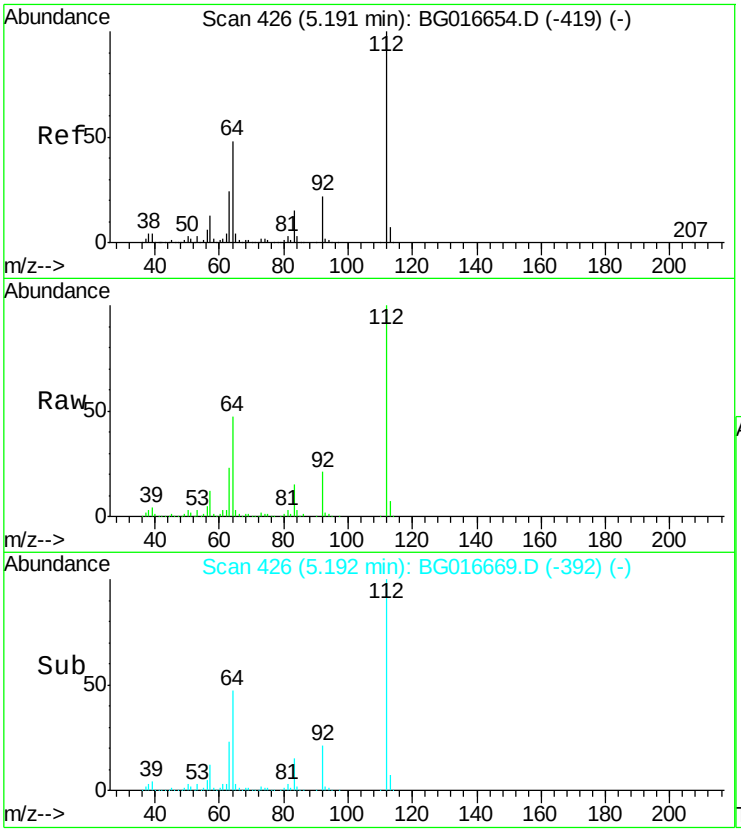


#4
n-Nitrosodimethylamine
Concen: 42.25 ng
RT: 3.38 min Scan# 118
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion: 42 Resp: 49939

Ion	Ratio	Lower	Upper
42	100		
74	199.0	165.6	248.4
44	6.3	5.0	7.6



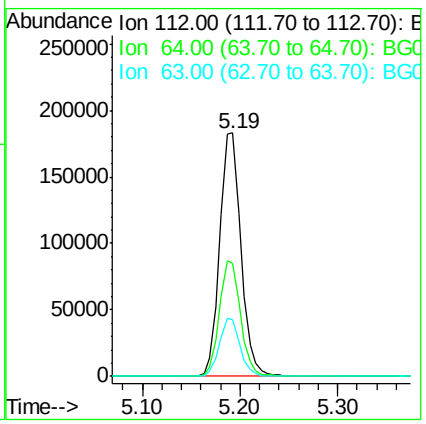


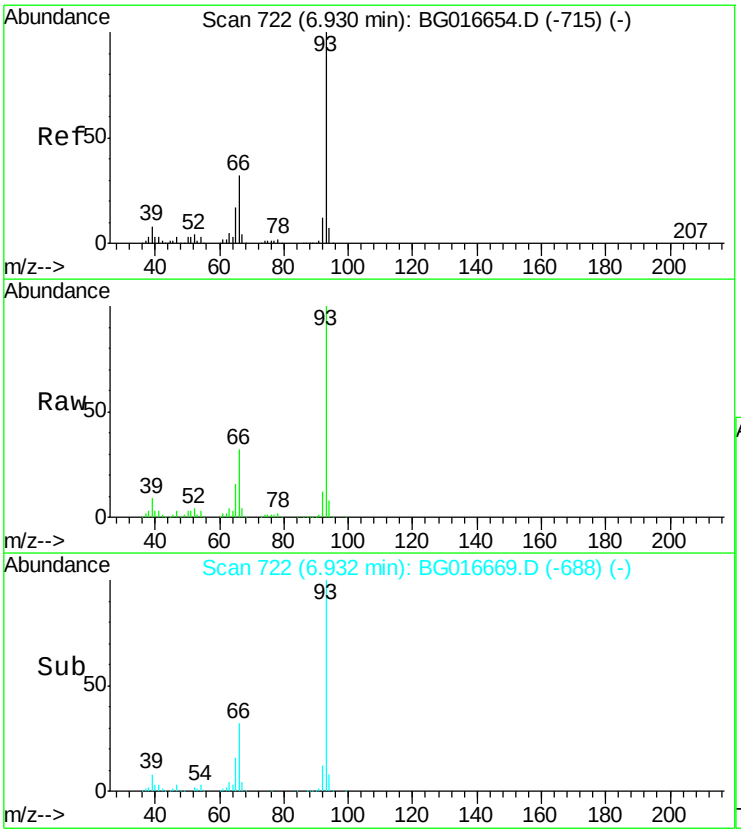
#5
2-Fluorophenol
Concen: 84.87 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 276472

Ion	Ratio	Lower	Upper
112	100		
64	46.6	38.3	57.5
63	23.2	18.9	28.3

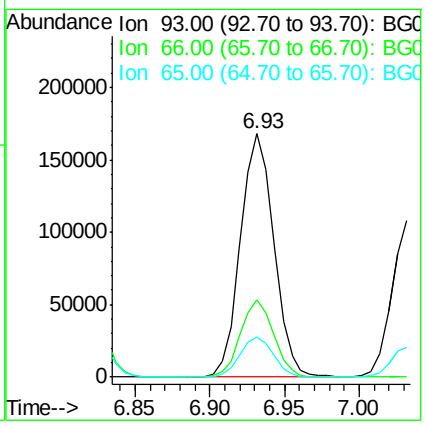


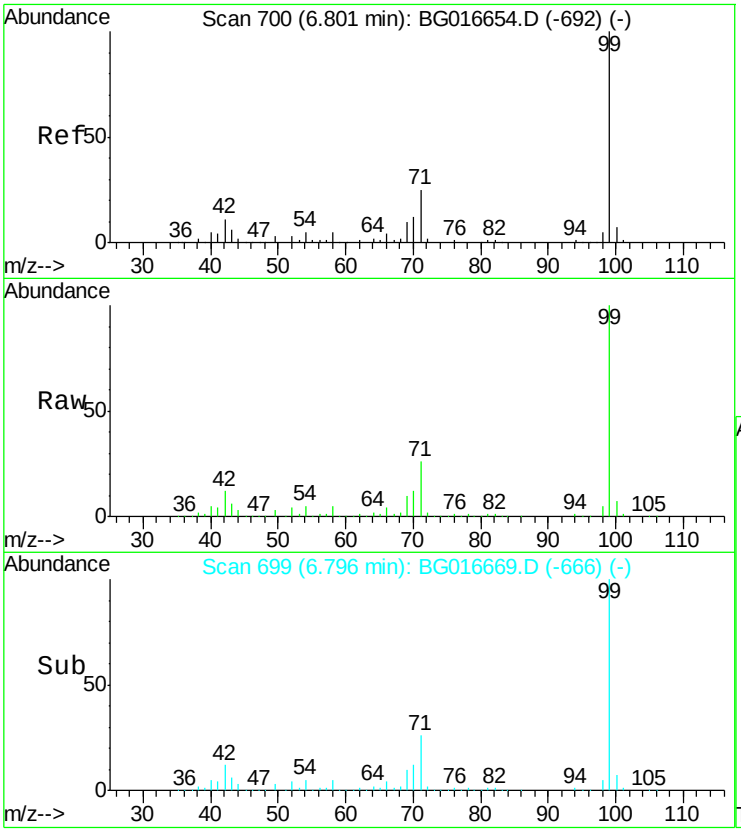


#6
Aniline
Concen: 41.51 ng
RT: 6.93 min Scan# 722
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion: 93 Resp: 260132

Ion	Ratio	Lower	Upper
93	100		
66	31.9	25.4	38.2
65	16.4	13.8	20.6



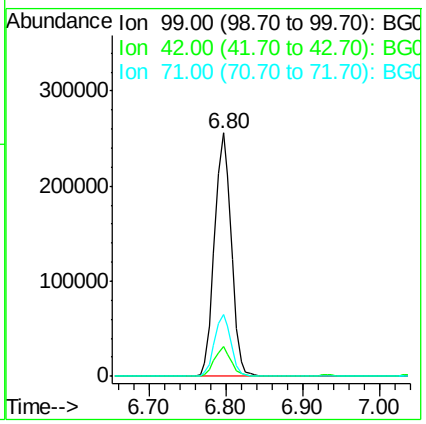


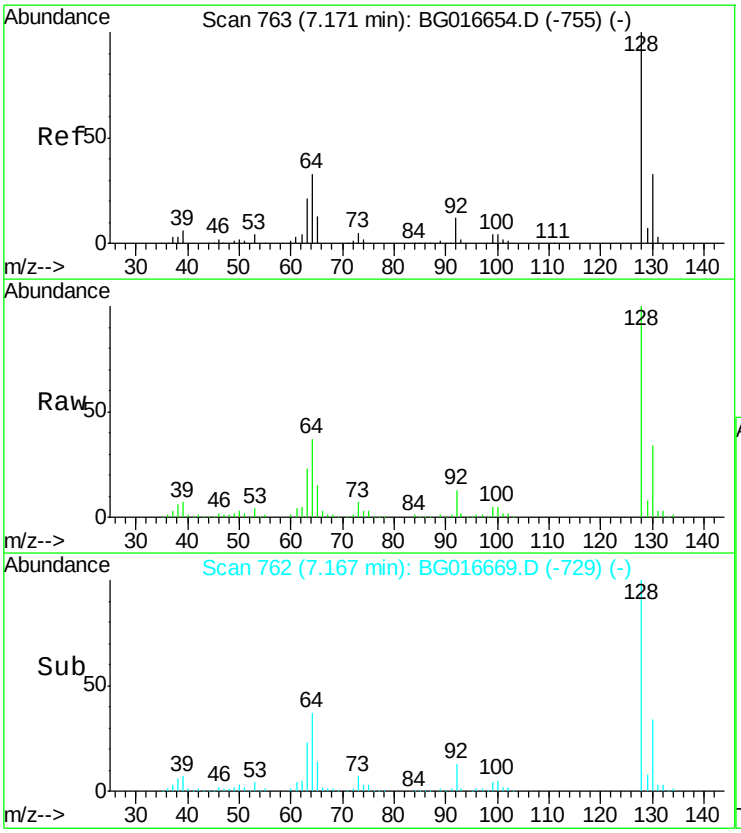
#7
Phenol-d6
Concen: 83.86 ng
RT: 6.80 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 383225

Ion	Ratio	Lower	Upper
99	100		
42	12.2	8.8	13.2
71	25.6	19.9	29.9

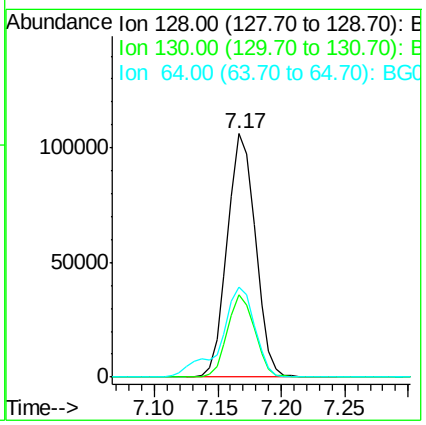


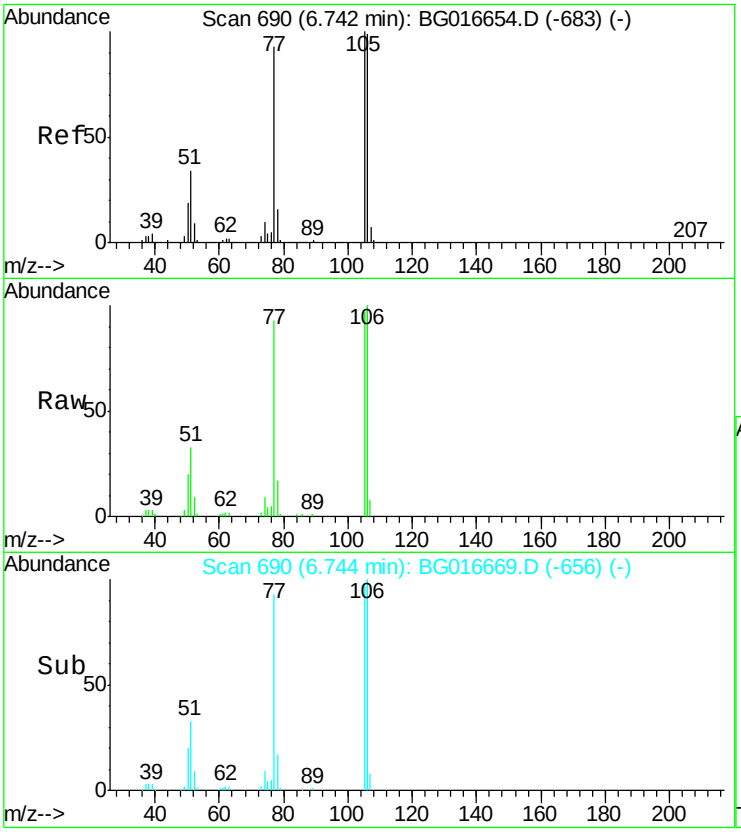


#8
2-Chlorophenol
Concen: 40.58 ng
RT: 7.17 min Scan# 762
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion:128 Resp: 163392

Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.5	53.5
64	37.2	15.8	55.8



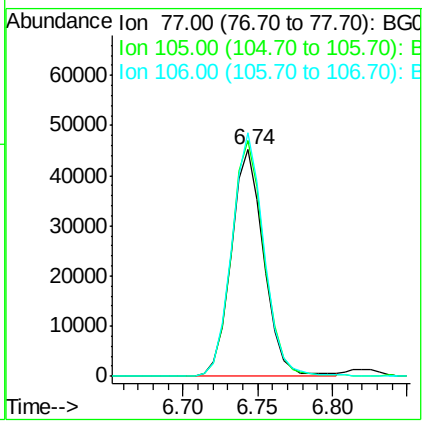


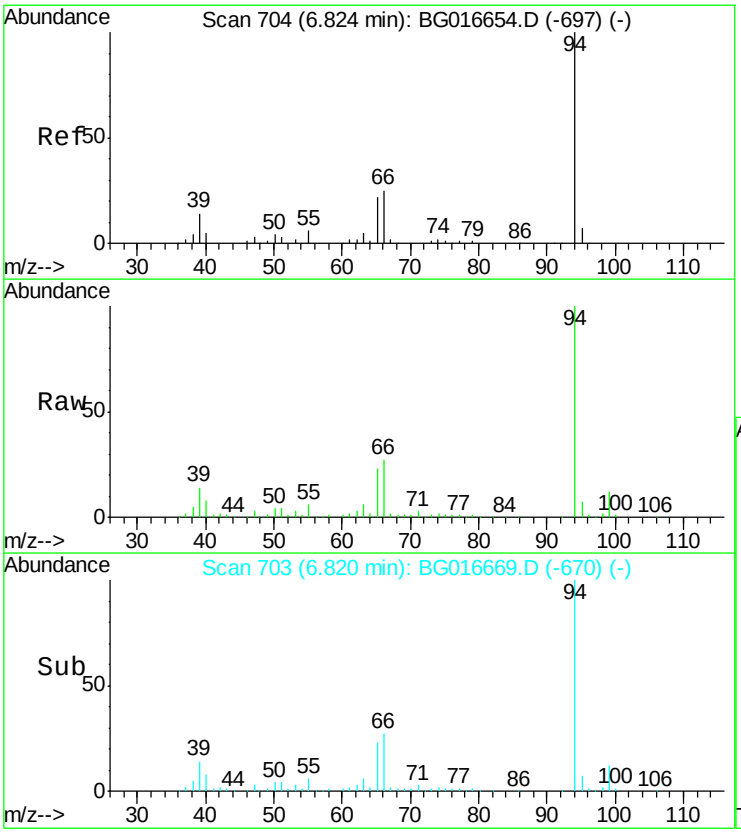
#9
Benzaldehyde
Concen: 36.84 ng
RT: 6.74 min Scan# 690
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 68774

Ion	Ratio	Lower	Upper
77	100		
105	104.0	88.0	128.0
106	107.5	86.6	126.6

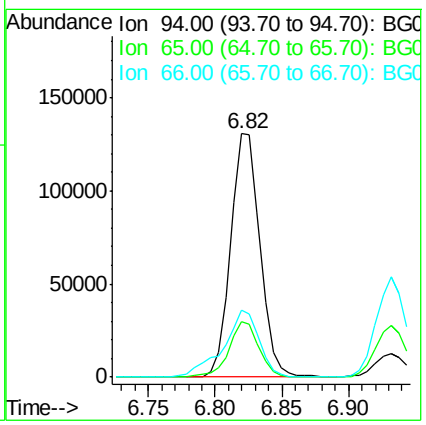


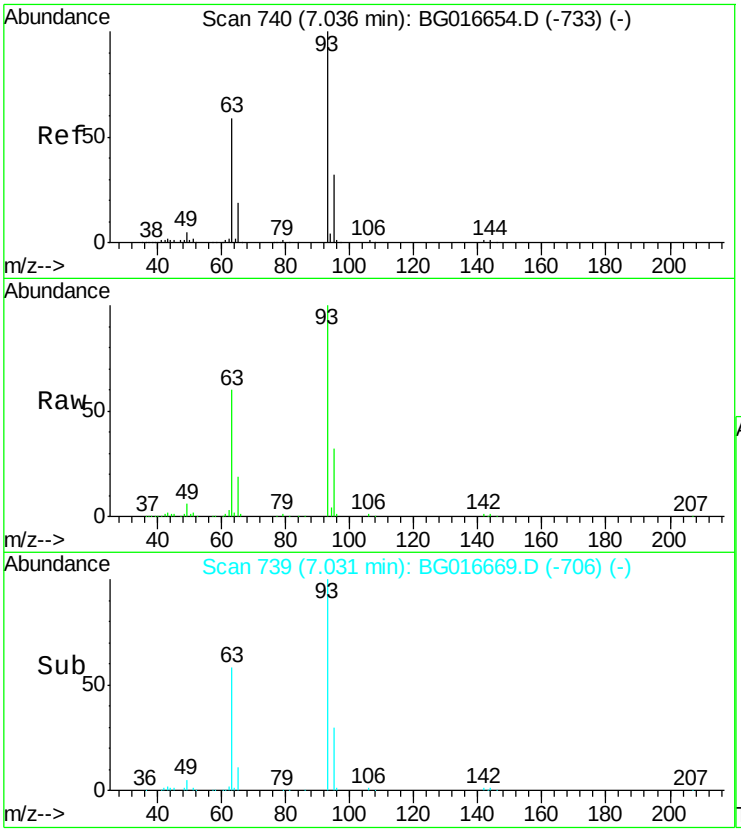


#10
Phenol
Concen: 41.44 ng
RT: 6.82 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion: 94 Resp: 199636

Ion	Ratio	Lower	Upper
94	100		
65	22.8	2.6	42.6
66	27.3	7.0	47.0



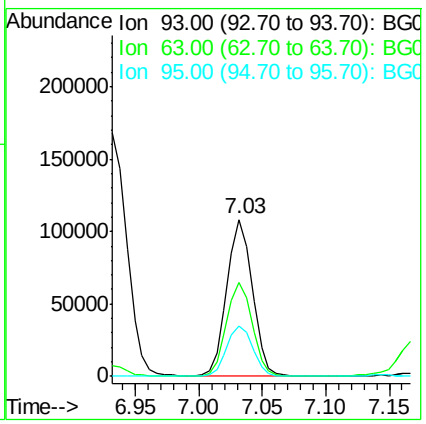


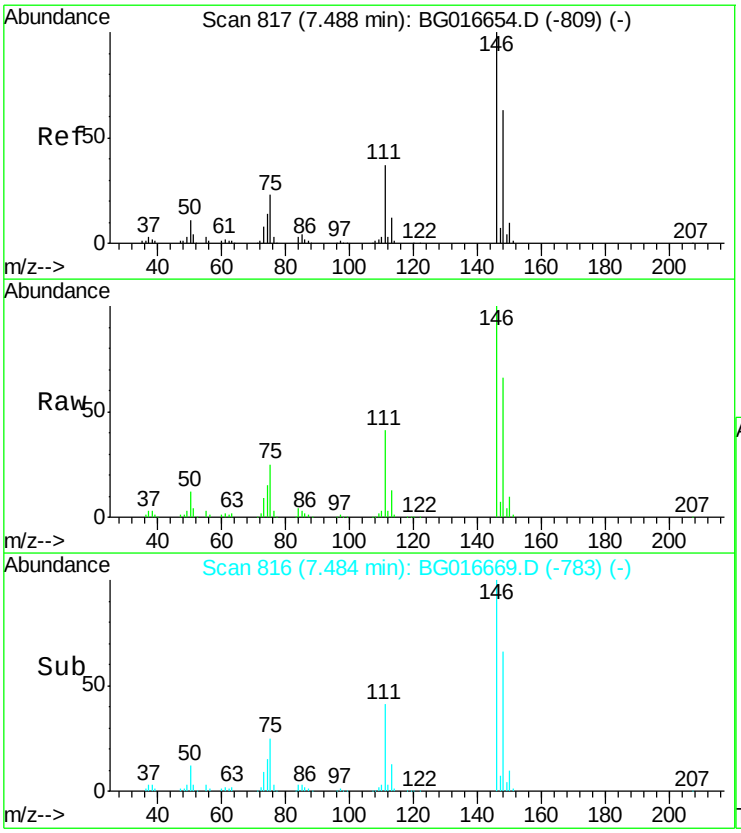
#11
bis(2-Chloroethyl)ether
Concen: 40.27 ng
RT: 7.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 151432

Ion	Ratio	Lower	Upper
93	100		
63	59.9	39.2	79.2
95	32.0	11.9	51.9

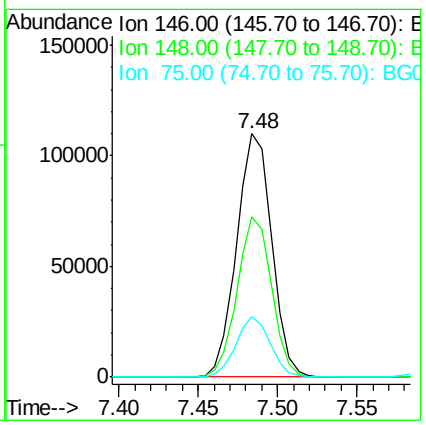


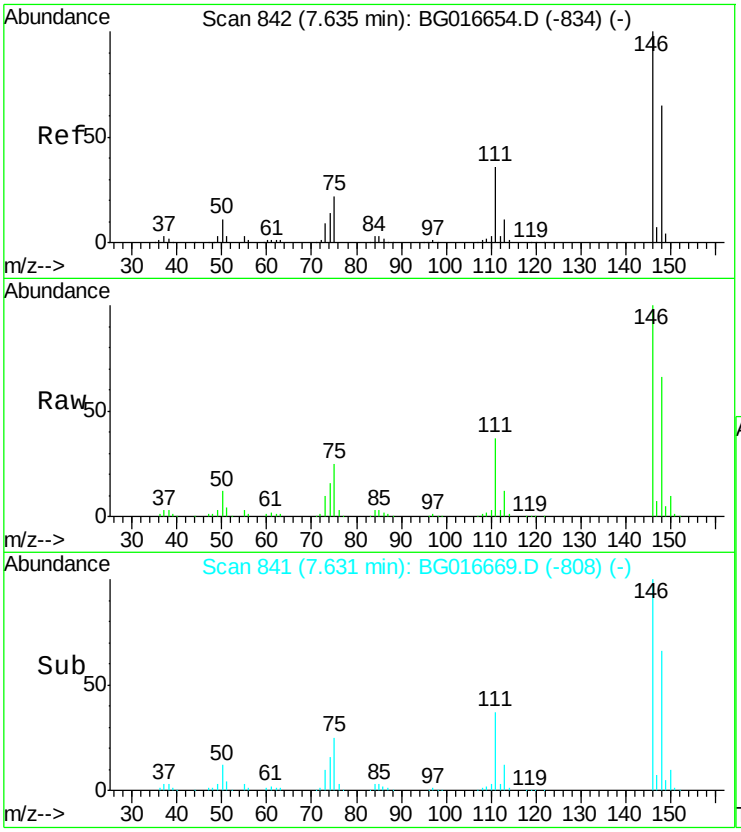


#12
1,3-Dichlorobenzene
Concen: 40.62 ng
RT: 7.48 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion:146 Resp: 169147

Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.2	75.4
75	25.0	18.4	27.6



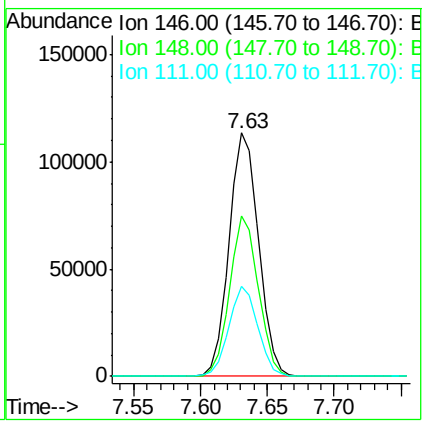


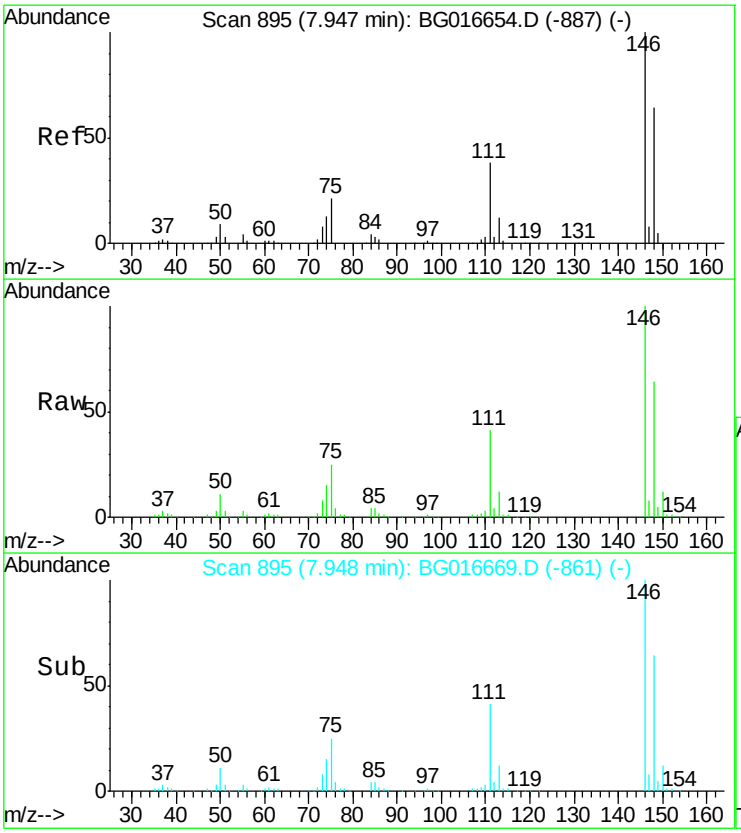
#13
1,4-Dichlorobenzene
Concen: 41.06 ng
RT: 7.63 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 174771

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.6	77.4
111	37.2	29.0	43.4

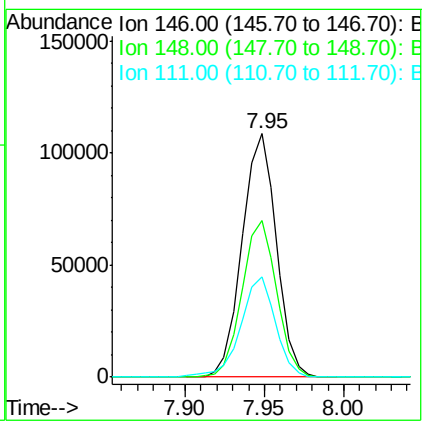


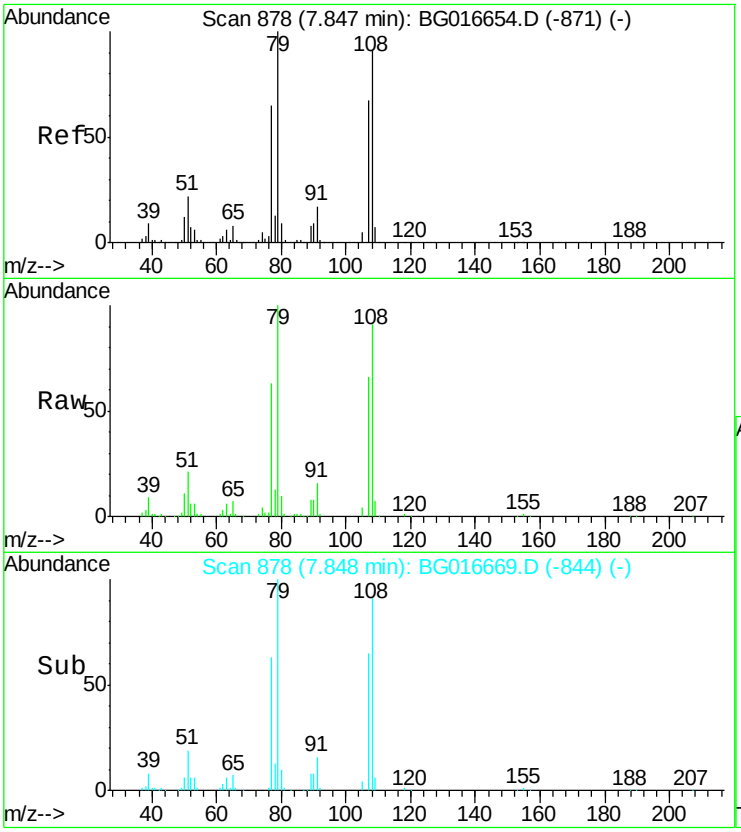


#14
1,2-Dichlorobenzene
Concen: 40.08 ng
RT: 7.95 min Scan# 895
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion:146 Resp: 162868

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
111	41.1	31.0	46.4



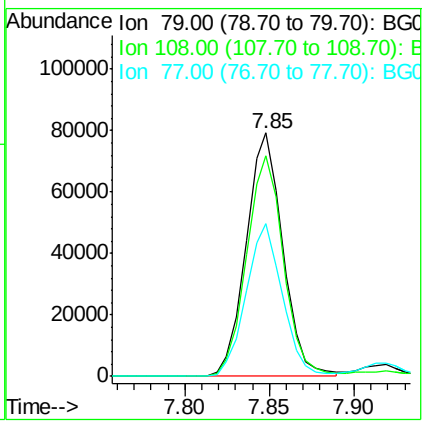


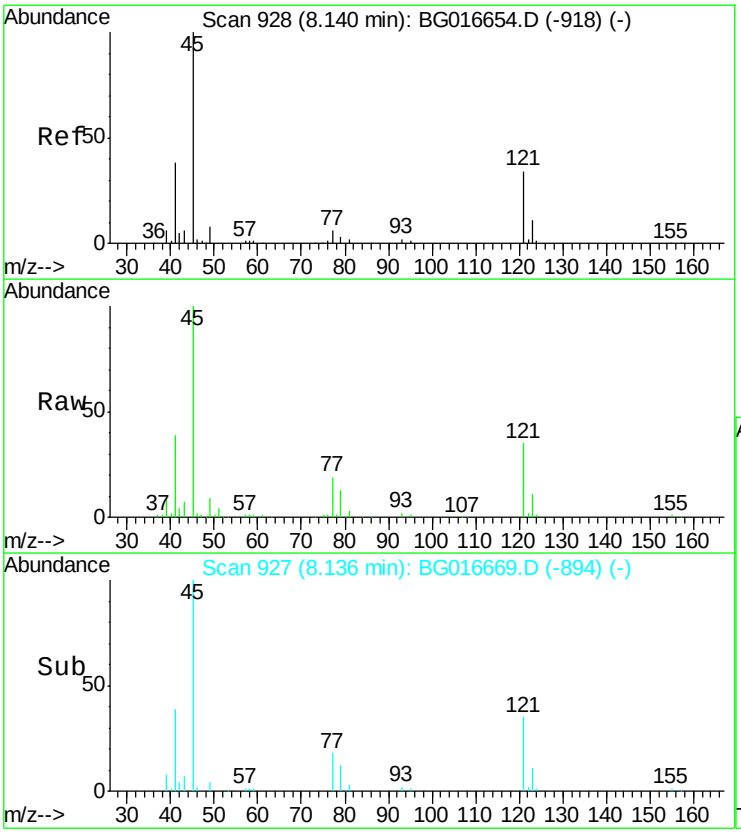
#15
Benzyl Alcohol
Concen: 41.80 ng
RT: 7.85 min Scan# 878
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 119884

Ion	Ratio	Lower	Upper
79	100		
108	90.8	73.0	109.4
77	62.7	51.8	77.8

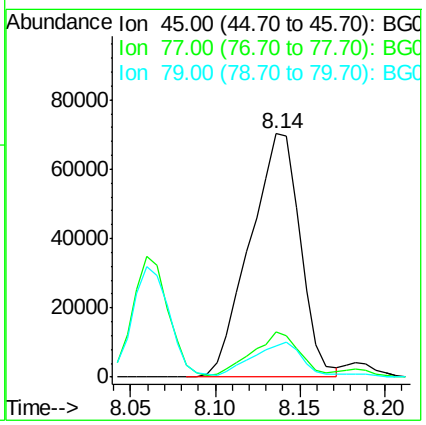


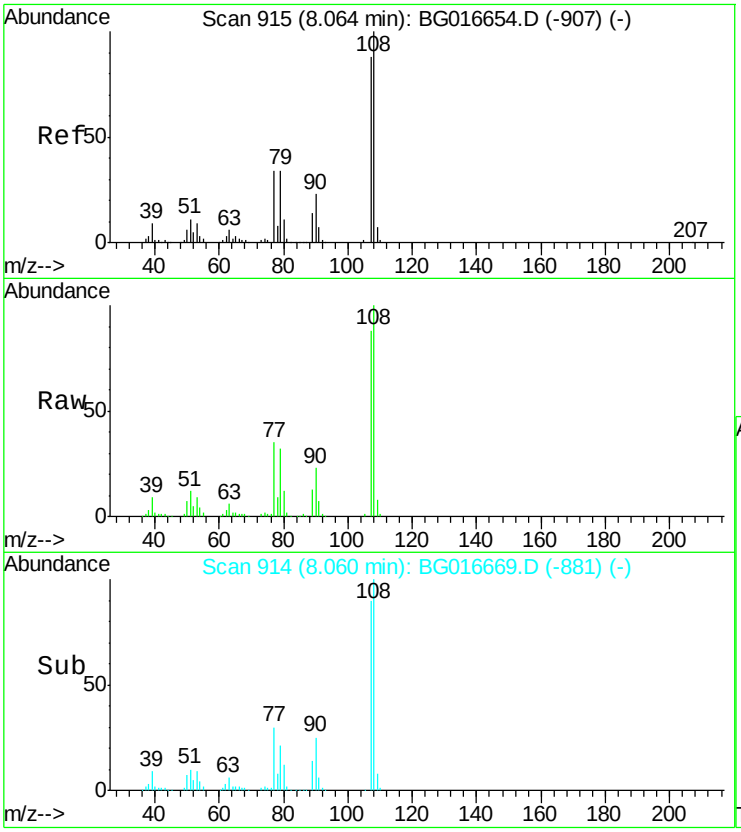


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.00 ng
RT: 8.14 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion: 45 Resp: 144316

Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	37.3
79	12.8	0.0	34.7



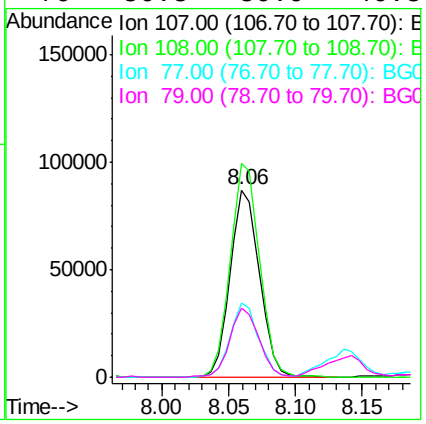


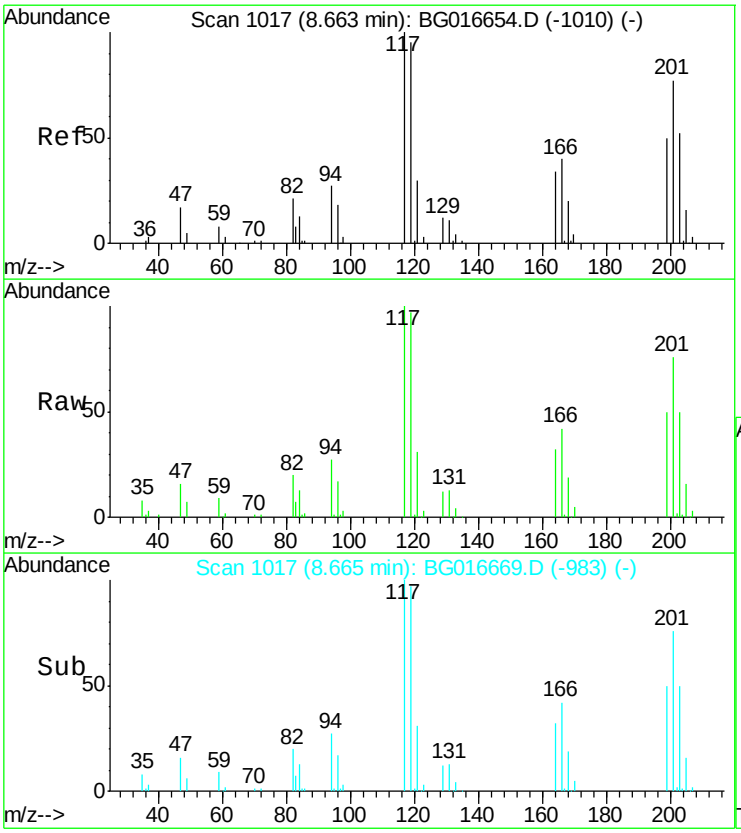
#17
2-Methylphenol
Concen: 41.56 ng
RT: 8.06 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 133838

Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.6	135.8
77	40.0	31.4	47.0
79	36.8	30.9	46.3

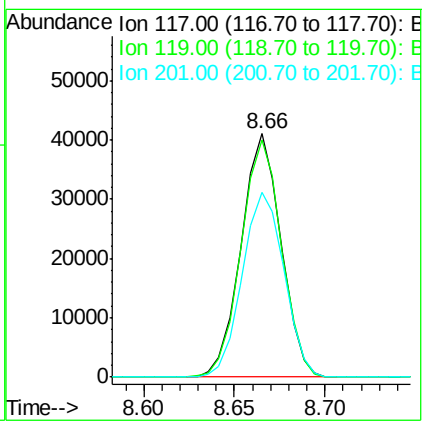


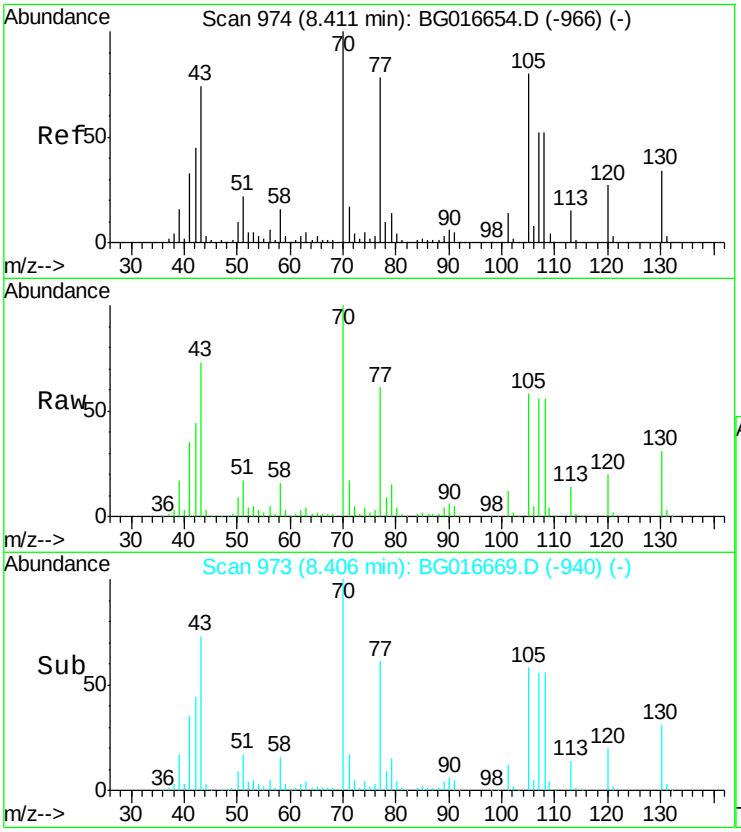


#18
Hexachloroethane
Concen: 41.76 ng
RT: 8.66 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion:117 Resp: 62674

Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.3	114.5
201	76.0	61.5	92.3



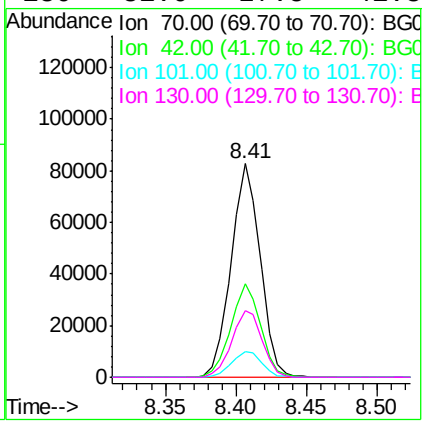


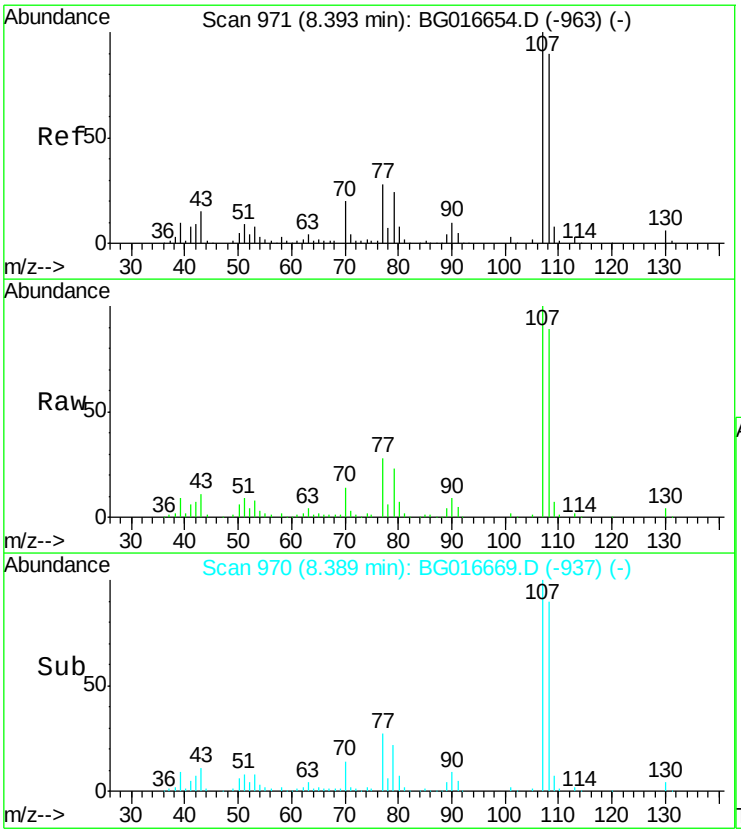
#19
n-Nitroso-di-n-propylamine
Concen: 41.68 ng
RT: 8.41 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 118730

Ion	Ratio	Lower	Upper
70	100		
42	44.0	35.7	53.5
101	12.2	11.0	16.4
130	31.0	27.5	41.3

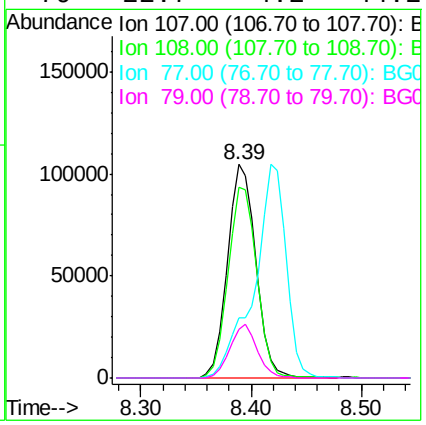


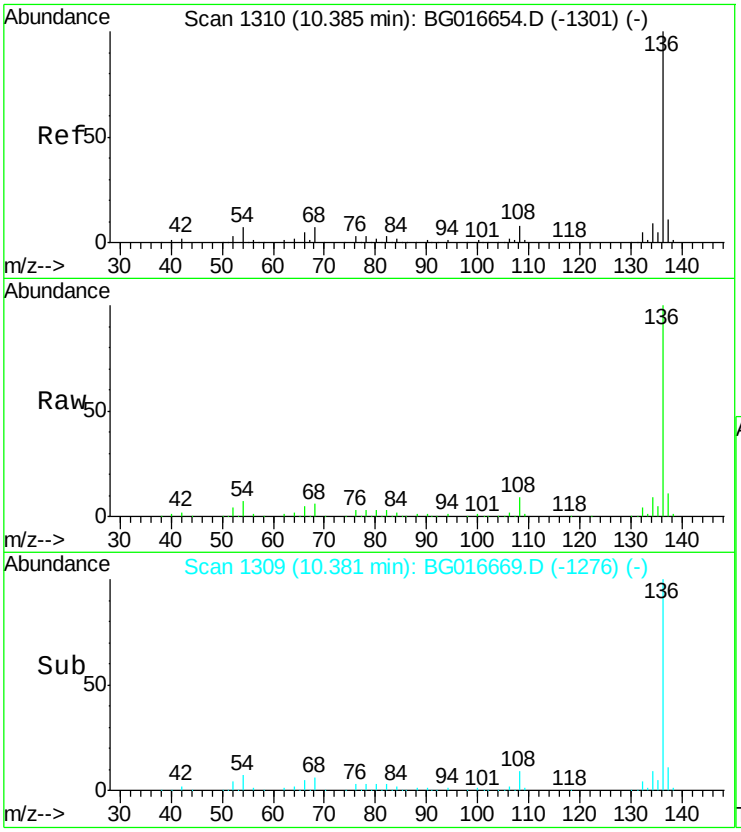


#20
3+4-Methylphenols
Concen: 41.71 ng
RT: 8.39 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion:107 Resp: 188872

Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.5	109.5
77	27.9	8.2	48.2
79	22.7	4.2	44.2



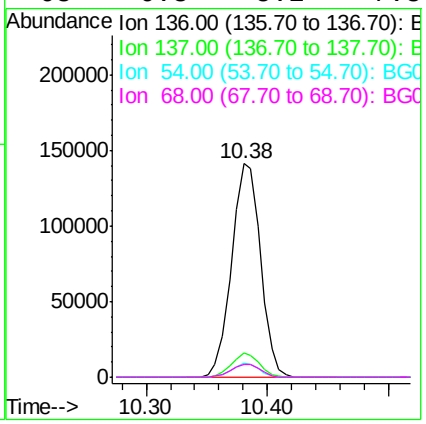


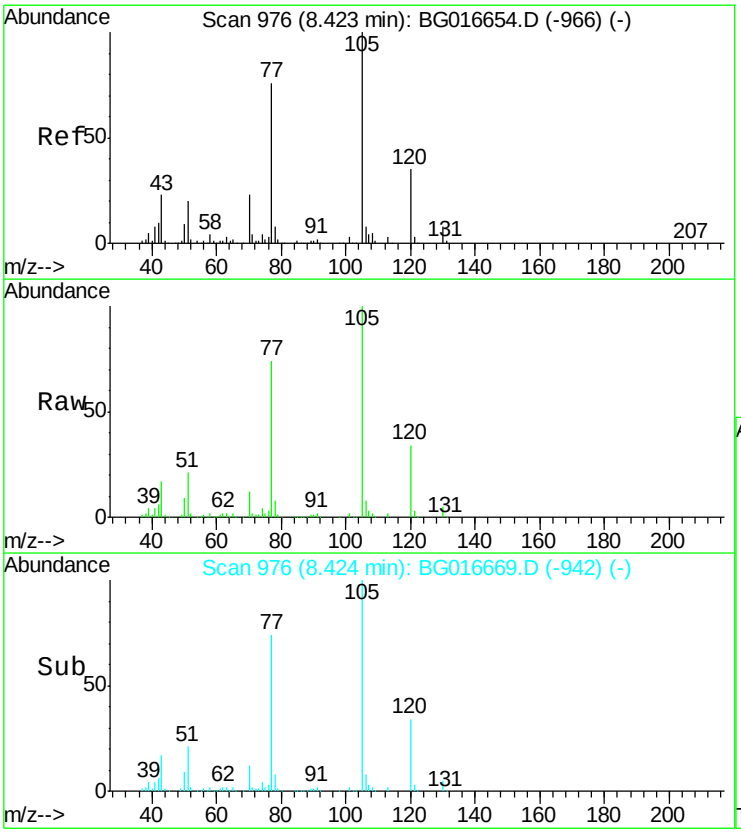
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 235494

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.6	5.4	8.2
68	6.3	5.2	7.8

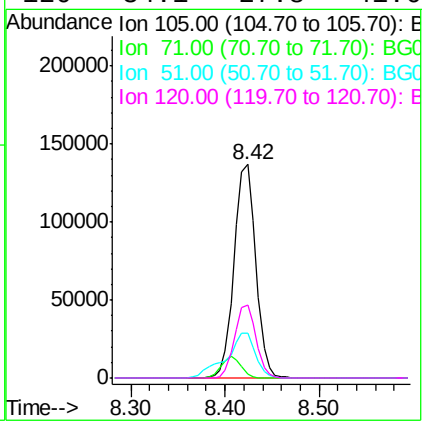


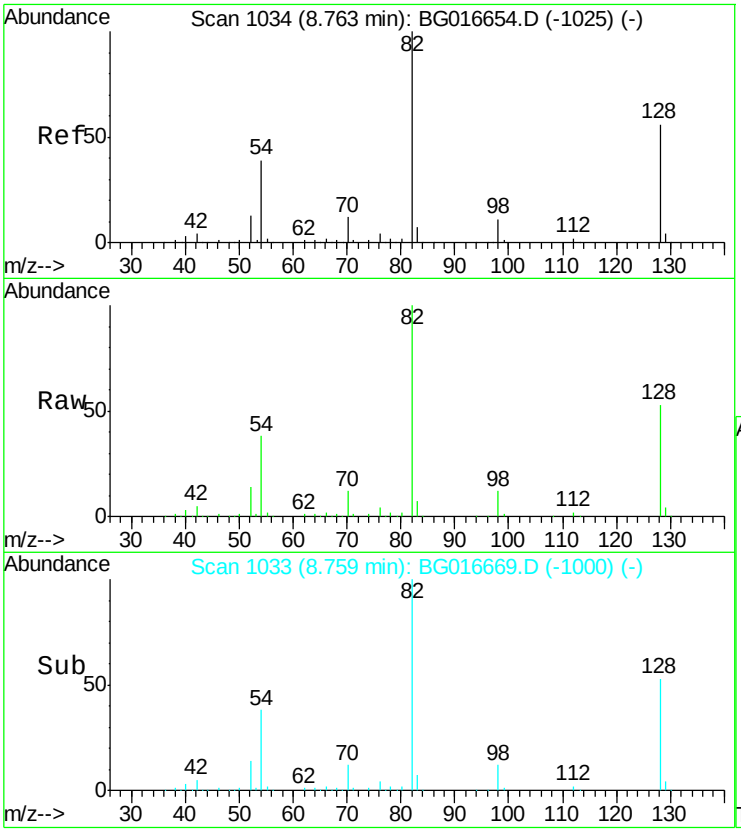


#22
Acetophenone
Concen: 42.48 ng
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion:105 Resp: 219548

Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	21.0	16.5	24.7
120	34.1	27.8	41.6



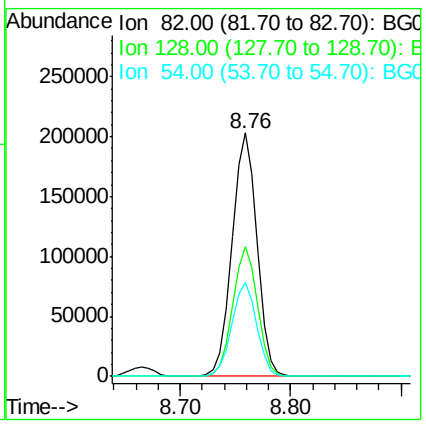


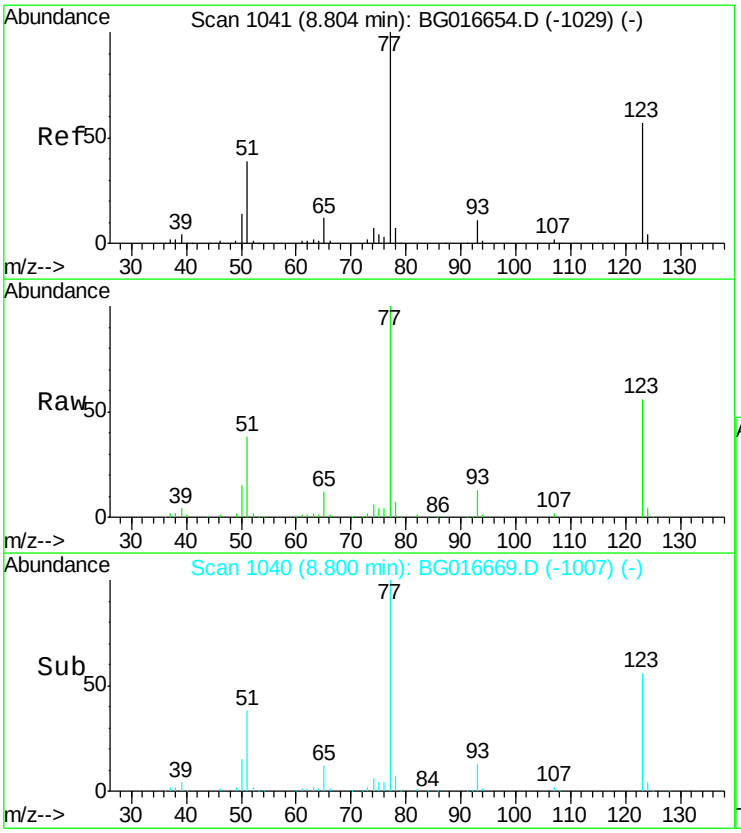
#23
Nitrobenzene-d5
Concen: 86.33 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 321747

Ion	Ratio	Lower	Upper
82	100		
128	53.4	44.7	67.1
54	38.3	30.9	46.3

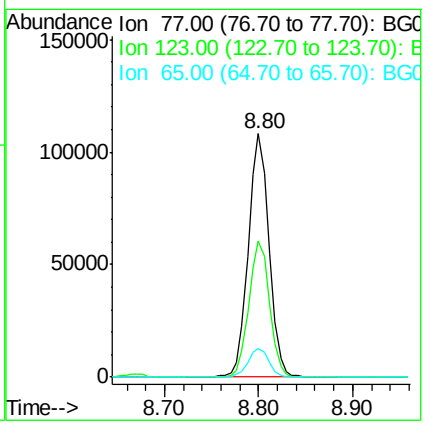


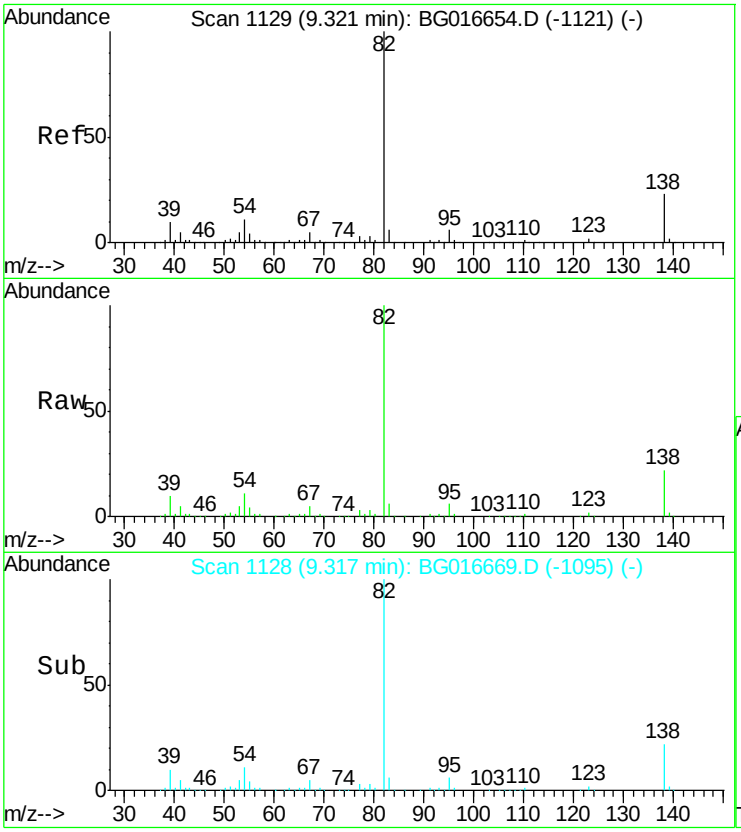


#24
Nitrobenzene
Concen: 42.18 ng
RT: 8.80 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion: 77 Resp: 165109

Ion	Ratio	Lower	Upper
77	100		
123	55.8	45.6	68.4
65	11.6	9.4	14.2



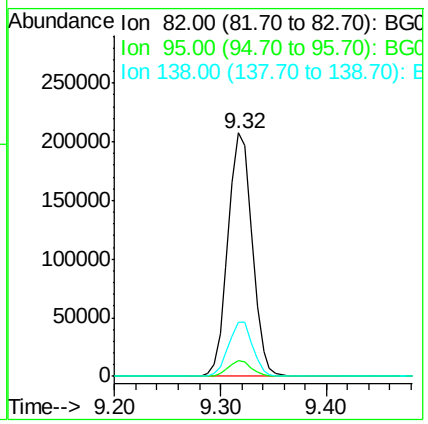


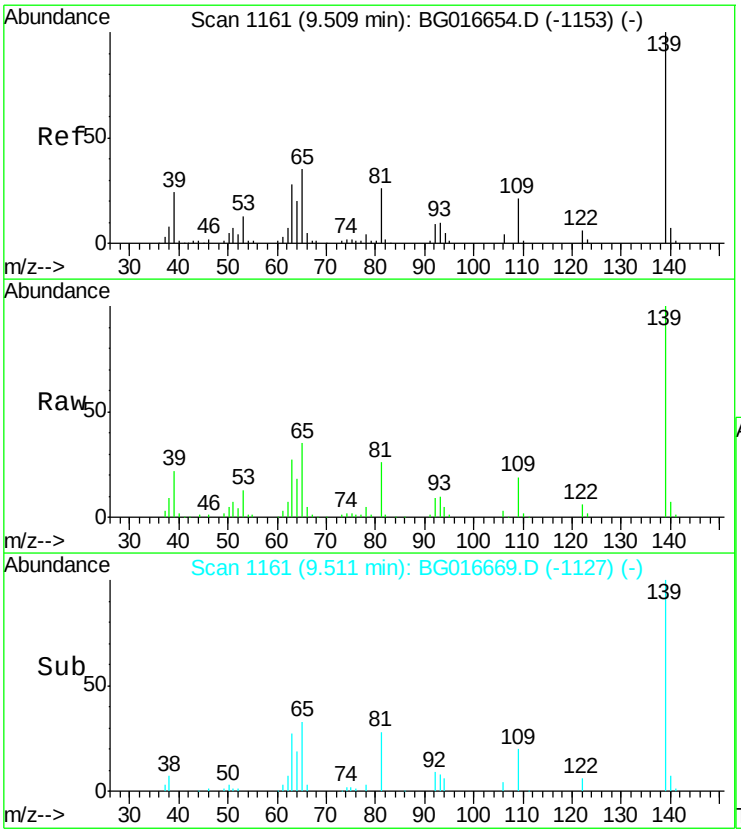
#25
Isophorone
Concen: 42.53 ng
RT: 9.32 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 328471

Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.0	7.6
138	22.3	18.2	27.2





#26
2-Nitrophenol
Concen: 42.59 ng
RT: 9.51 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG016669.D
Acq: 24 Apr 2015 2:05

Tgt Ion:139 Resp: 96721

Ion	Ratio	Lower	Upper
139	100		
109	19.3	17.0	25.6
65	34.8	28.2	42.4