Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
Data File : BG016587.D
Acq On : 21 Apr 2015 17:29
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Apr 22 01:29:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 01:14:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	50766	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	233694	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	143040	20.00	ng	0.00
63) Phenanthrene-d10	17.03	188	327704	20.00	ng	0.00
75) Chrysene-d12	21.21	240	300631	20.00	ng	0.00
86) Perylene-d12	23.42	264	285972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	258983	80.36	ng	0.00
7) Phenol-d6	6.83	99	372334	77.58	ng	0.00
23) Nitrobenzene-d5	8.79	82	317262	78.72	ng	0.00
41) 2,4,6-Tribromophenol	15.77	330	88756	89.93	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	685388	80.78	ng	0.00
78) Terphenyl-d14	19.66	244	1035085	80.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	58716	39.97	ng	100
3) Pyridine	3.50	79	164788	38.01	ng	100
4) n-Nitrosodimethylamine	3.42	42	48425	37.69	ng	100
6) Aniline	6.97	93	255351	37.45	ng	100
8) 2-Chlorophenol	7.21	128	153916	39.86	ng	100
9) Benzaldehyde	6.78	77	71936	26.65	ng	100
10) Phenol	6.86	94	197602	38.56	ng	100
11) bis(2-Chloroethyl)ether	7.07	93	147181	36.20	ng	100
12) 1,3-Dichlorobenzene	7.53	146	156723	40.05	ng	100
13) 1,4-Dichlorobenzene	7.67	146	161939	39.78	ng	100
14) 1,2-Dichlorobenzene	7.98	146	153246	39.53	ng	100
15) Benzyl Alcohol	7.88	79	121287	36.73	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.18	45	140753	31.40	ng	100
17) 2-Methylphenol	8.10	107	130937	38.19	ng	100
18) Hexachloroethane	8.71	117	57543	37.39	ng	100
19) n-Nitroso-di-n-propylamine	8.44	70	117195	34.82	ng	100
20) 3+4-Methylphenols	8.42	107	185498	39.01	ng	100
22) Acetophenone	8.46	105	215964	39.74	ng	100
24) Nitrobenzene	8.84	77	164582	38.31	ng	100
25) Isophorone	9.35	82	331754	37.38	ng	100
26) 2-Nitrophenol	9.55	139	95165	46.37	ng	100
27) 2,4-Dimethylphenol	9.62	122	157647	41.71	ng	100
28) bis(2-Chloroethoxy)methane	9.84	93	190574	37.50	ng	100
29) 2,4-Dichlorophenol	10.08	162	132920	44.14	ng	100
30) 1,2,4-Trichlorobenzene	10.29	180	134006	42.58	ng	100
31) Naphthalene	10.47	128	502806	40.88	ng	100
32) Benzoic acid	9.76	122	51888	26.22	ng	100
33) 4-Chloroaniline	10.59	127	242871	42.07	ng	100
34) Hexachlorobutadiene	10.76	225	56723	41.22	ng	100
35) Caprolactam	11.36	113	84889	44.92	ng	100
36) 4-Chloro-3-methylphenol	11.73	107	165011	41.86	ng	100
37) 2-Methylnaphthalene	12.09	142	364923	41.23	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	128057	40.29	ng	100
40) Hexachlorocyclopentadiene	12.44	237	40072	29.16	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
Data File : BG016587.D
Acq On : 21 Apr 2015 17:29
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Apr 22 01:29:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 01:14:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.71	196	99134	41.99	ng	100
43) 2,4,5-Trichlorophenol	12.80	196	107031	42.28	ng	100
45) 1,1'-Biphenyl	13.11	154	441070	39.85	ng	100
46) 2-Chloronaphthalene	13.15	162	341578	40.40	ng	100
47) 2-Nitroaniline	13.37	65	111246	41.19	ng	100
48) Acenaphthylene	14.01	152	626200	41.57	ng	100
49) Dimethylphthalate	13.75	163	452279	42.47	ng	100
50) 2,6-Dinitrotoluene	13.87	165	112717	43.68	ng	100
51) Acenaphthene	14.35	154	367107	40.80	ng	100
52) 3-Nitroaniline	14.20	138	146892	44.51	ng	100
53) 2,4-Dinitrophenol	14.41	184	44639	37.70	ng	100
54) Dibenzofuran	14.68	168	529619	42.20	ng	100
55) 4-Nitrophenol	14.53	139	112622	41.65	ng	100
56) 2,4-Dinitrotoluene	14.66	165	167583	47.09	ng	100
57) Fluorene	15.33	166	473405	42.72	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.92	232	84989	43.29	ng	100
59) Diethylphthalate	15.11	149	496931	43.62	ng	100
60) 4-Chlorophenyl-phenylether	15.33	204	188535	41.74	ng	100
61) 4-Nitroaniline	15.36	138	175721	46.50	ng	100
62) Azobenzene	15.62	77	455126	38.29	ng	100
64) 4,6-Dinitro-2-methylphenol	15.42	198	91467	46.44	ng	100
65) n-Nitrosodiphenylamine	15.55	169	444479	39.92	ng	100
66) 4-Bromophenyl-phenylether	16.22	248	103070	39.31	ng	100
67) Hexachlorobenzene	16.33	284	108433	39.69	ng	100
68) Atrazine	16.50	200	130097	41.68	ng	100
69) Pentachlorophenol	16.69	266	52053	32.49	ng	100
70) Phenanthrene	17.07	178	762953	40.87	ng	100
71) Anthracene	17.16	178	767347	41.46	ng	100
72) Carbazole	17.43	167	797850	42.73	ng	100
73) Di-n-butylphthalate	18.00	149	975120	42.83	ng	100
74) Fluoranthene	19.09	202	832131	42.94	ng	100
76) Benzidine	19.28	184	456187	36.36	ng	100
77) Pyrene	19.45	202	865457	40.99	ng	100
79) Butylbenzylphthalate	20.35	149	454602	43.71	ng	100
80) Benzo(a)anthracene	21.19	228	745216	41.41	ng	100
81) 3,3'-Dichlorobenzidine	21.13	252	248911	42.20	ng	100
82) Chrysene	21.24	228	718674	41.34	ng	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	627395	44.36	ng	100
84) Di-n-octyl phthalate	21.99	149	1039443	45.17	ng	100
85) Indeno(1,2,3-cd)pyrene	25.69	276	791878	43.62	ng	100
87) Benzo(b)fluoranthene	22.76	252	694520	41.04	ng	100
88) Benzo(k)fluoranthene	22.80	252	702953	42.07	ng	100
89) Benzo(a)pyrene	23.33	252	669471	42.02	ng	100
90) Dibenzo(a,h)anthracene	25.69	278	653630	42.09	ng	100
91) Benzo(g,h,i)perylene	26.38	276	663821	42.68	ng	100

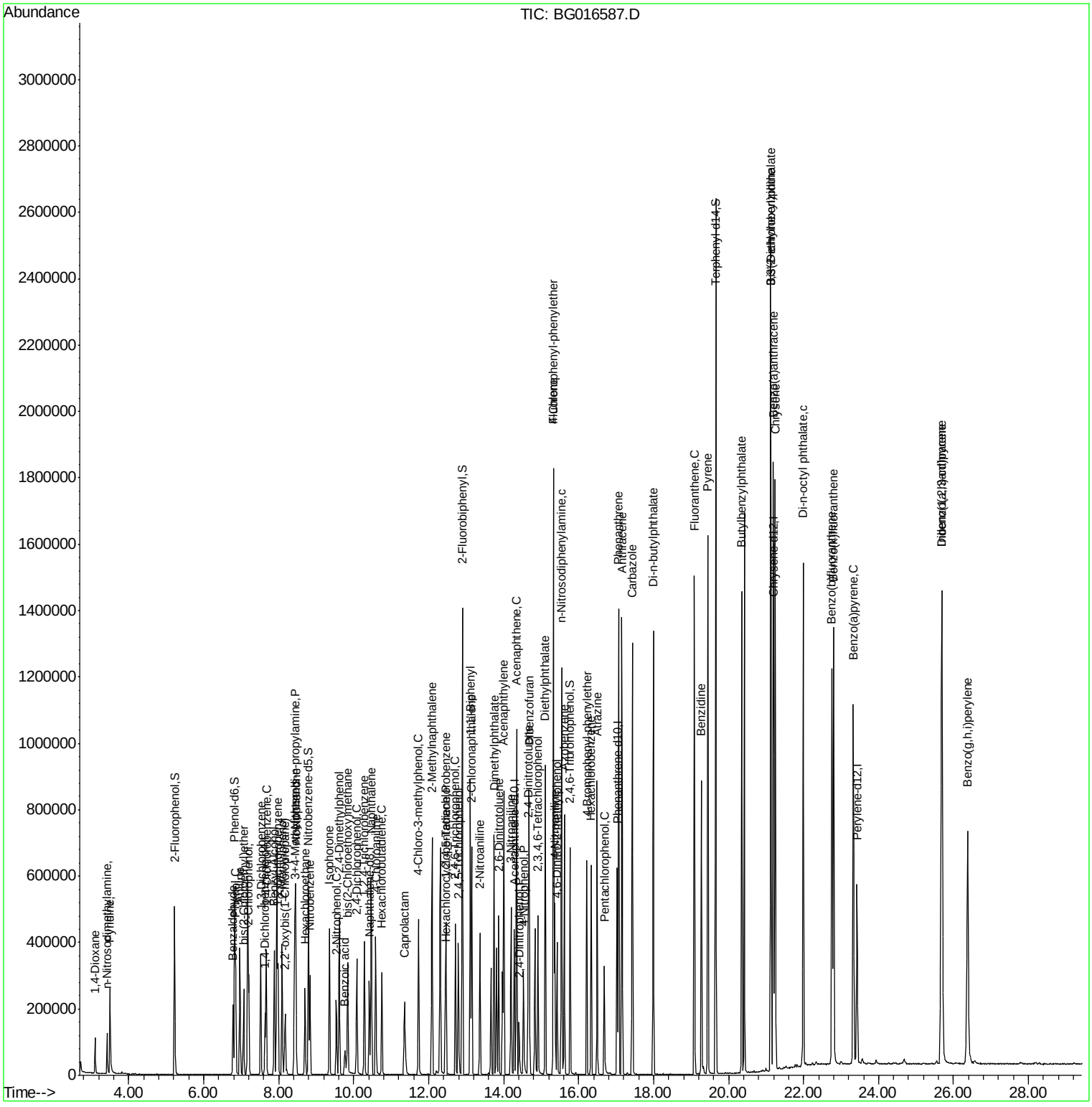
(#) = qualifier out of range (m) = manual integration (+) = signals summed

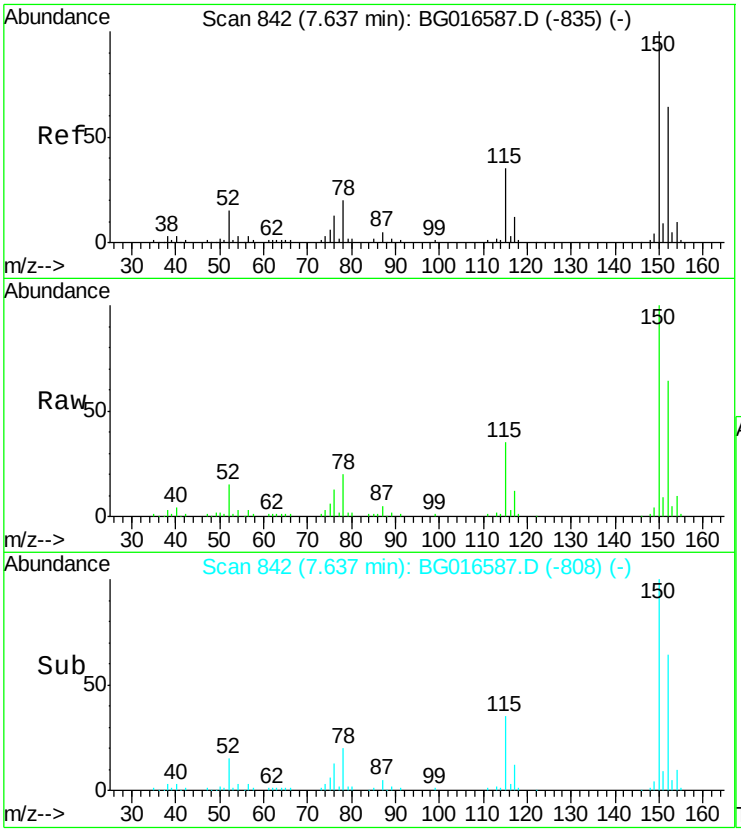
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
Data File : BG016587.D
Acq On : 21 Apr 2015 17:29
Operator : TP/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Quant Time: Apr 22 01:29:46 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 01:14:44 2015
Response via : Initial Calibration



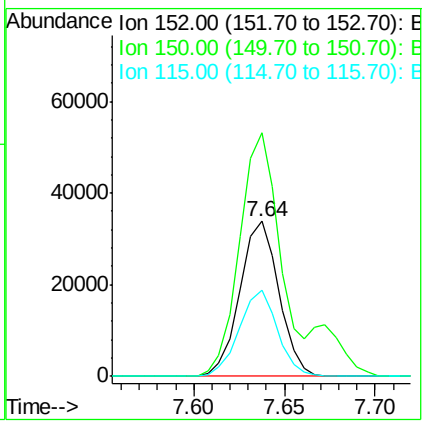


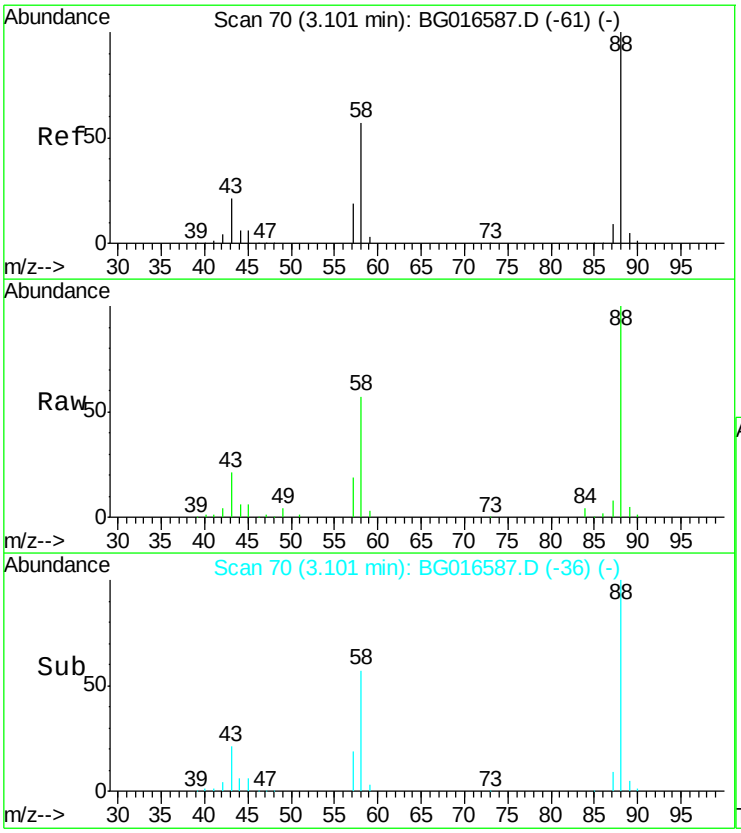
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 842
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 50766

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.5	188.3
115	55.6	44.5	66.7

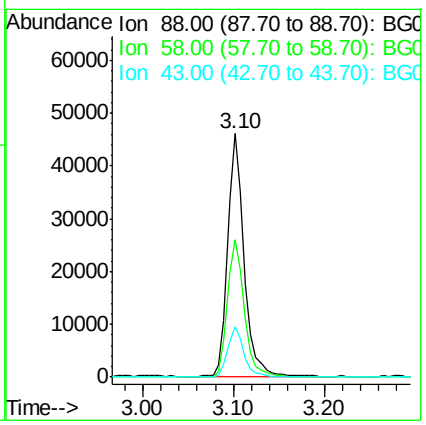


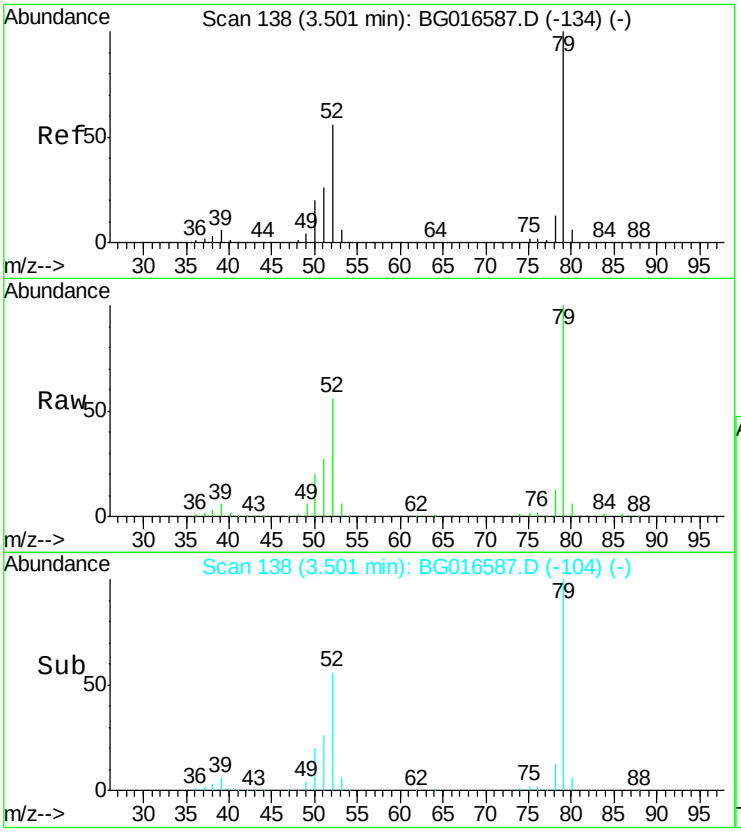


#2
1,4-Dioxane
Concen: 39.97 ng
RT: 3.10 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion: 88 Resp: 58716

Ion	Ratio	Lower	Upper
88	100		
58	57.5	46.0	69.0
43	20.3	16.2	24.4



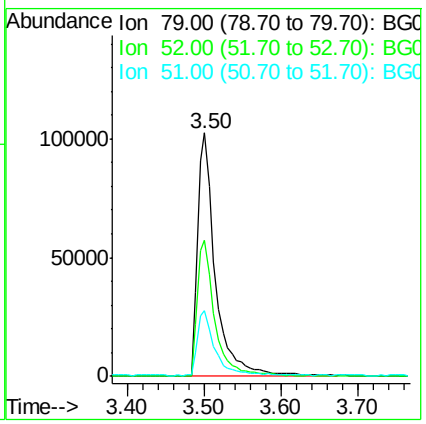


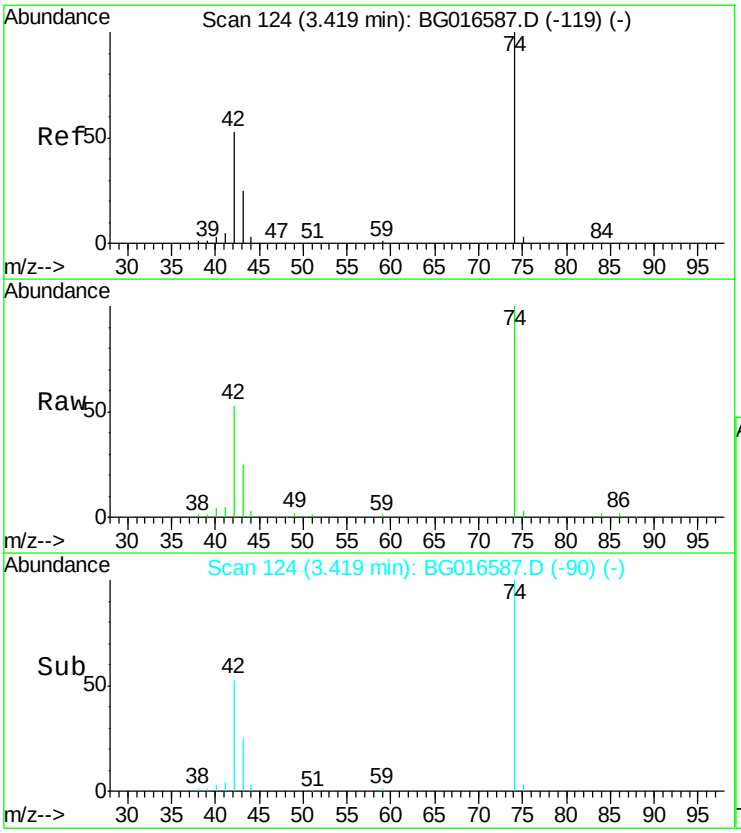
#3
Pyridine
Concen: 38.01 ng
RT: 3.50 min Scan# 138
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 164788

Ion	Ratio	Lower	Upper
79	100		
52	56.2	45.0	67.4
51	26.7	21.4	32.0

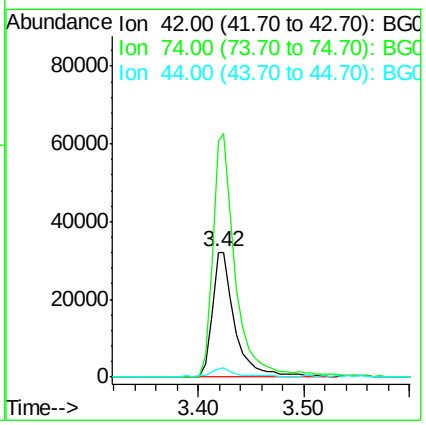


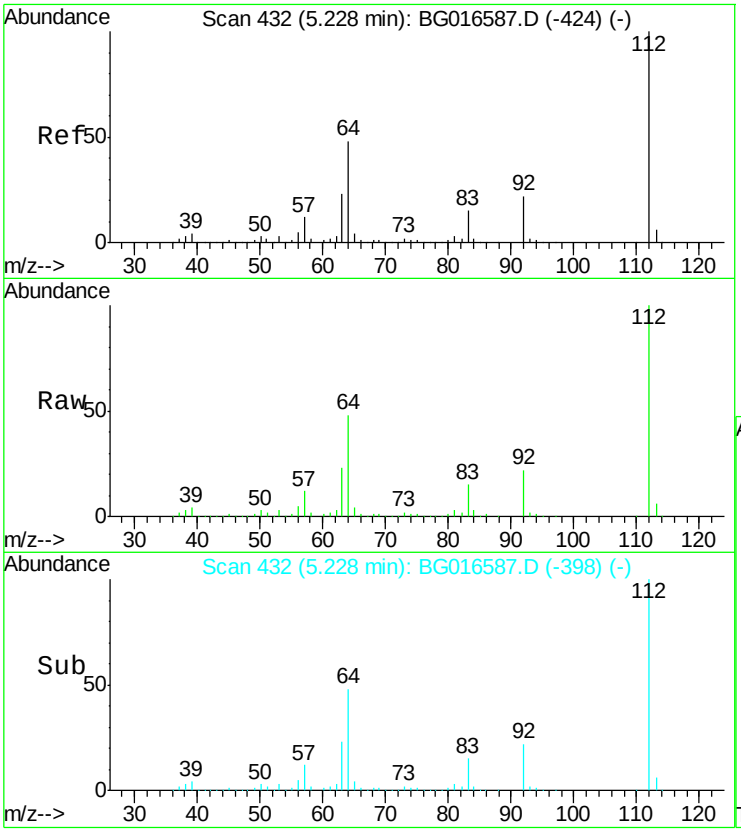


#4
n-Nitrosodimethylamine
Concen: 37.69 ng
RT: 3.42 min Scan# 124
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion: 42 Resp: 48425

Ion	Ratio	Lower	Upper
42	100		
74	189.5	151.6	227.4
44	6.1	4.9	7.3



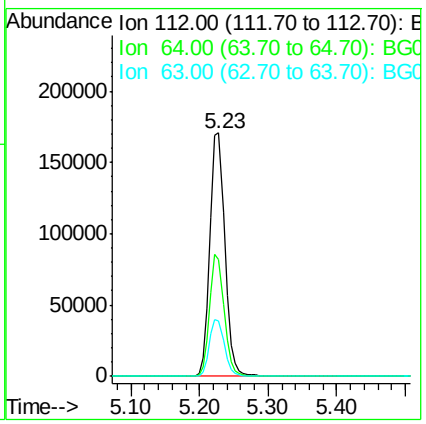


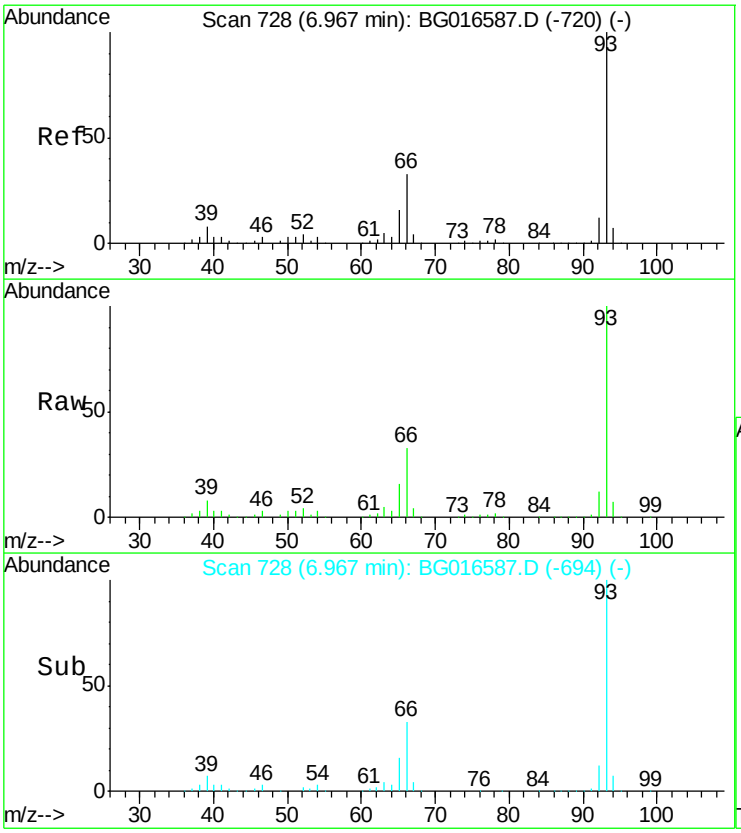
#5
2-Fluorophenol
Concen: 80.36 ng
RT: 5.23 min Scan# 432
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 258983

Ion	Ratio	Lower	Upper
112	100		
64	48.1	38.5	57.7
63	22.8	18.2	27.4

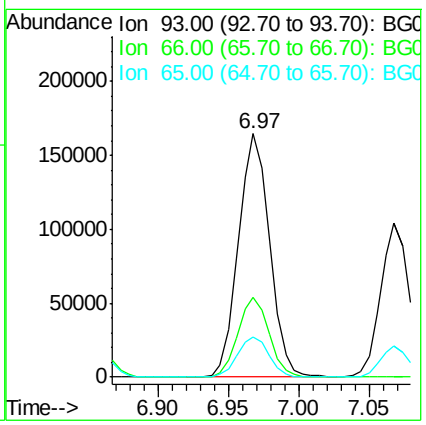


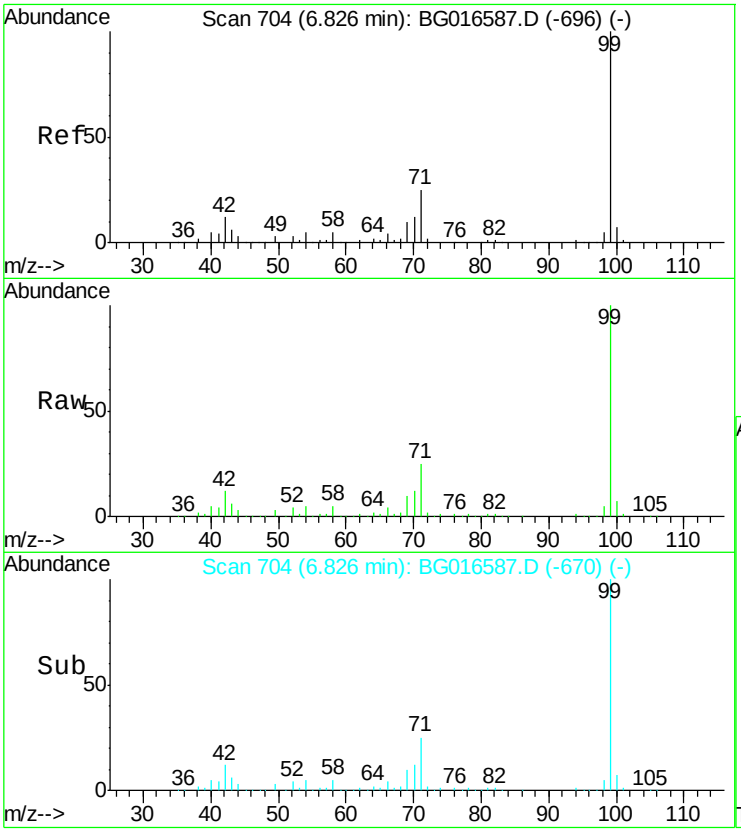


#6
Aniline
Concen: 37.45 ng
RT: 6.97 min Scan# 728
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion: 93 Resp: 255351

Ion	Ratio	Lower	Upper
93	100		
66	32.6	26.1	39.1
65	16.3	13.0	19.6



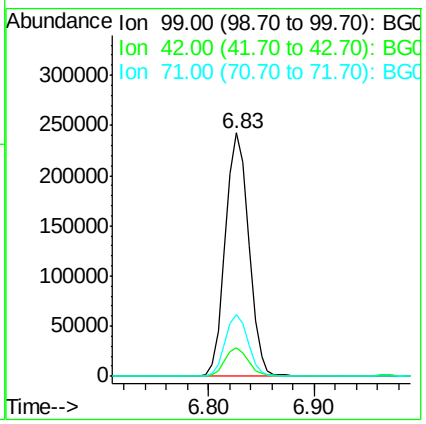


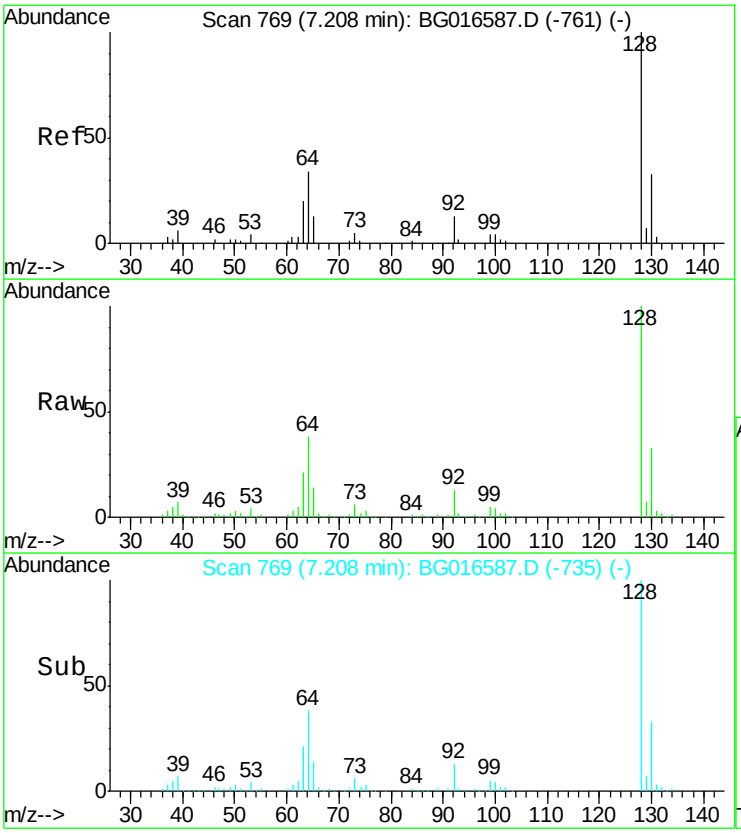
#7
Phenol-d6
Concen: 77.58 ng
RT: 6.83 min Scan# 704
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 372334

Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.5	14.3
71	25.2	20.2	30.2

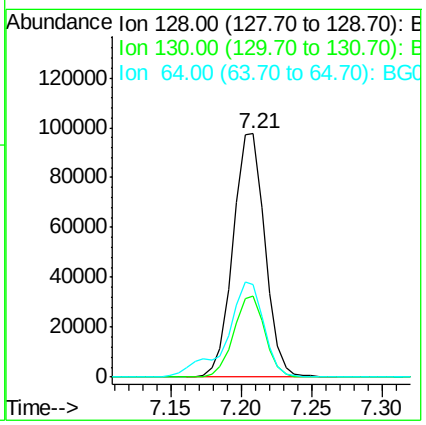


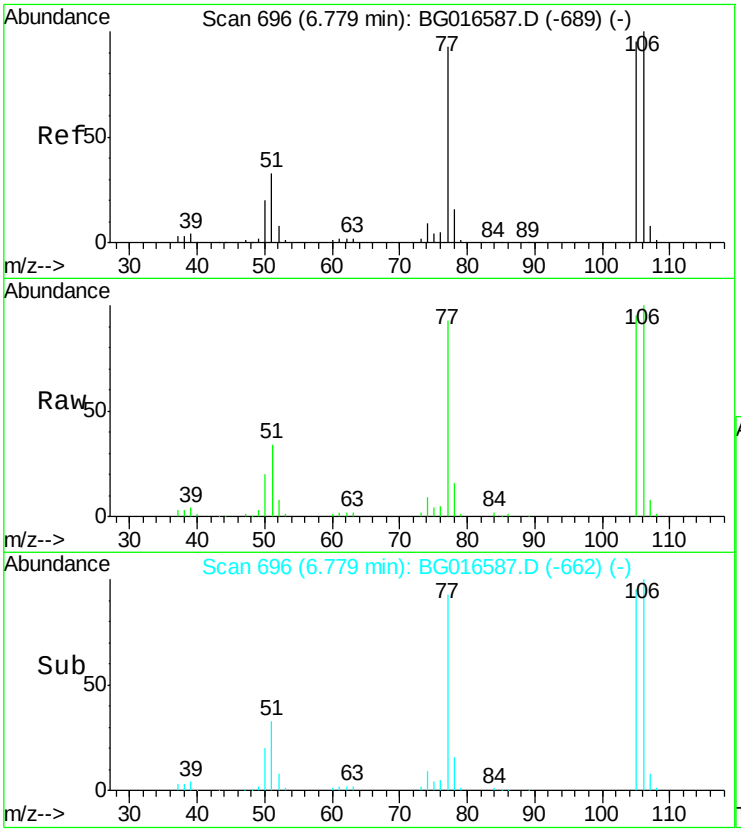


#8
2-Chlorophenol
Concen: 39.86 ng
RT: 7.21 min Scan# 769
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion:128 Resp: 153916

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.5	53.5
64	37.9	17.9	57.9



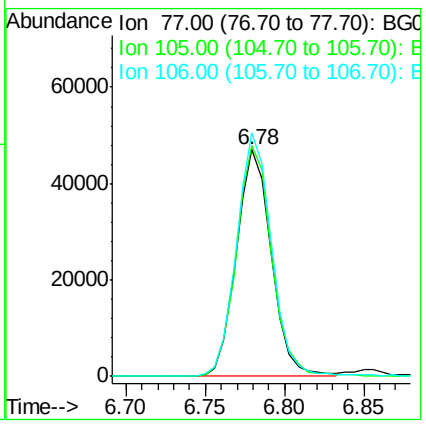


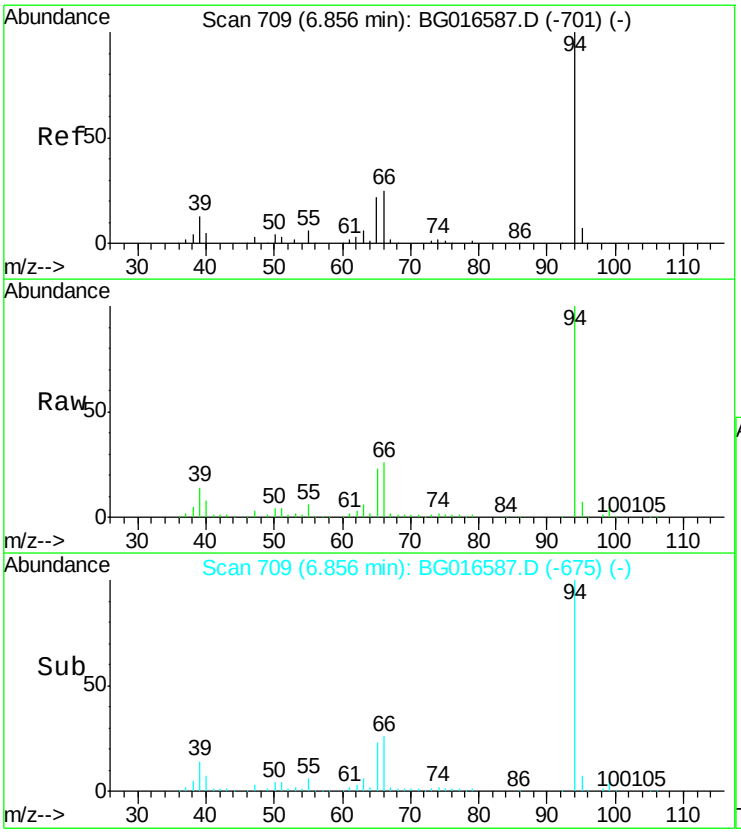
#9
Benzaldehyde
Concen: 26.65 ng
RT: 6.78 min Scan# 696
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 71936

Ion	Ratio	Lower	Upper
77	100		
105	101.6	81.6	121.6
106	107.4	87.4	127.4

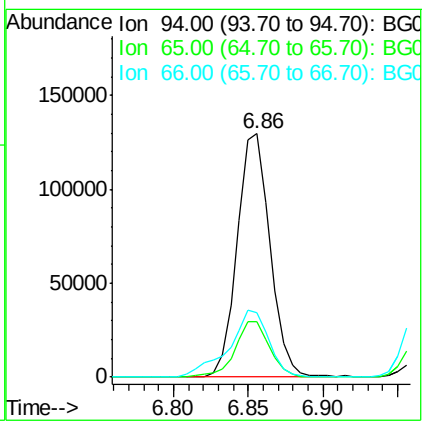


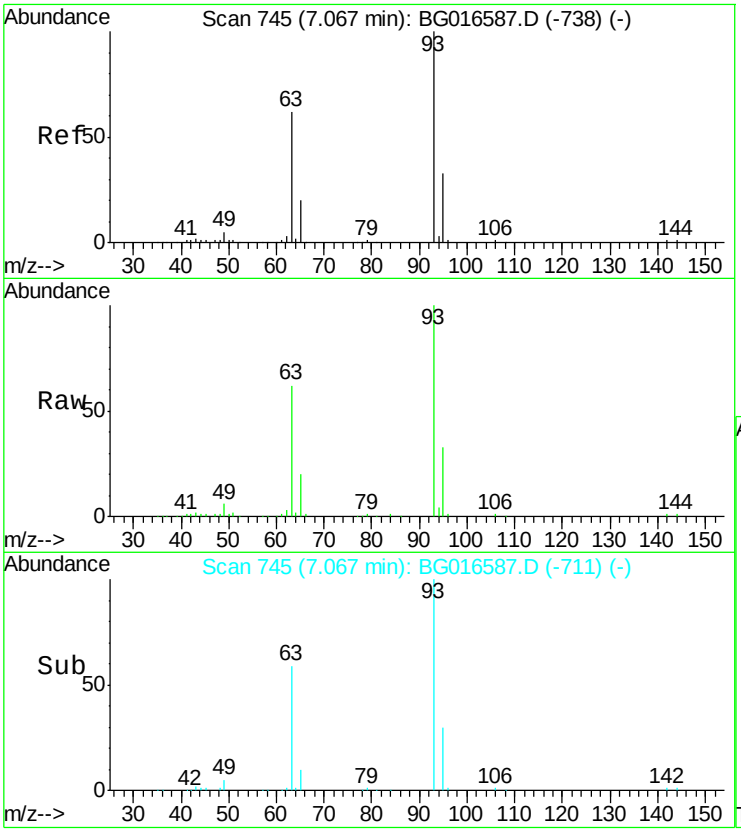


#10
Phenol
Concen: 38.56 ng
RT: 6.86 min Scan# 709
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion: 94 Resp: 197602

Ion	Ratio	Lower	Upper
94	100		
65	22.6	2.6	42.6
66	26.3	6.3	46.3



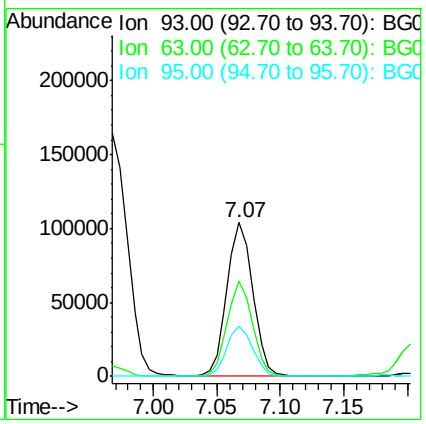


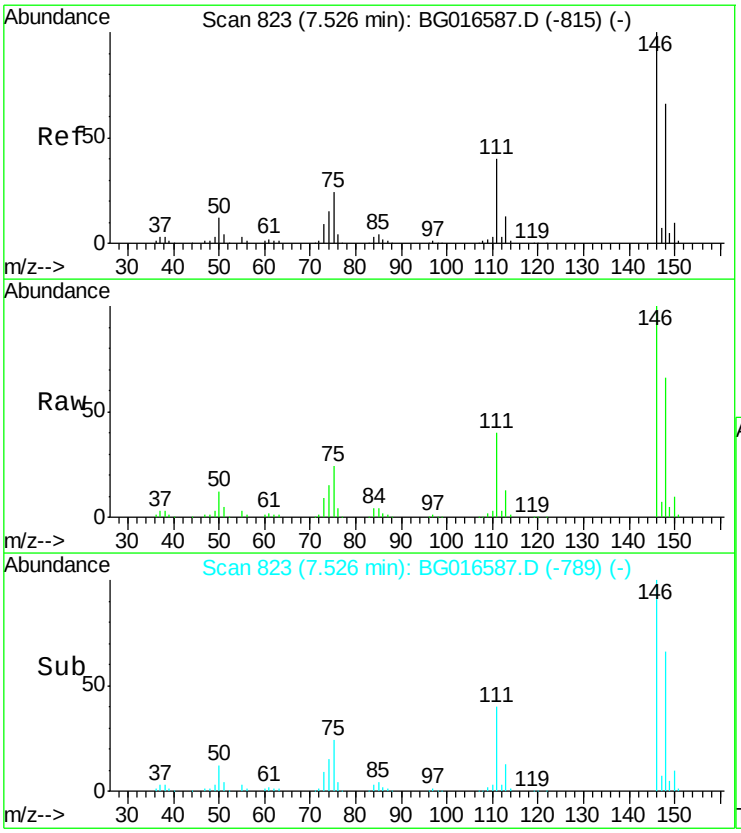
#11
bis(2-Chloroethyl)ether
Concen: 36.20 ng
RT: 7.07 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 147181

Ion	Ratio	Lower	Upper
93	100		
63	62.0	42.0	82.0
95	32.6	12.6	52.6

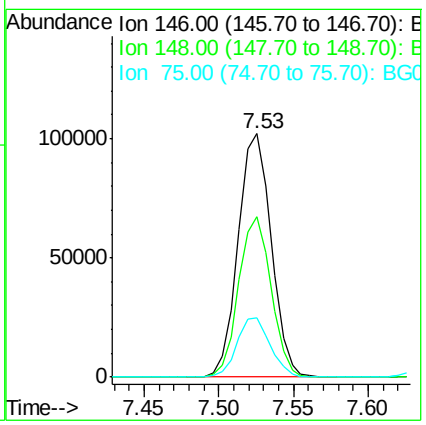


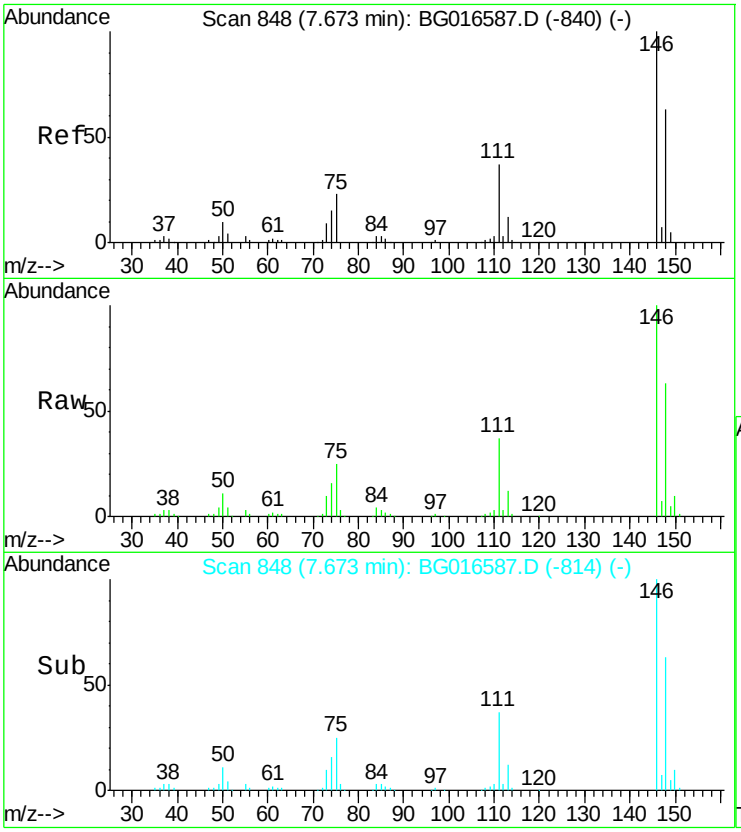


#12
1,3-Dichlorobenzene
Concen: 40.05 ng
RT: 7.53 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion:146 Resp: 156723

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.6	79.0
75	24.4	19.5	29.3



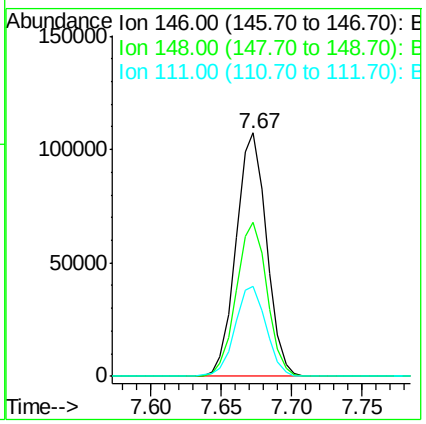


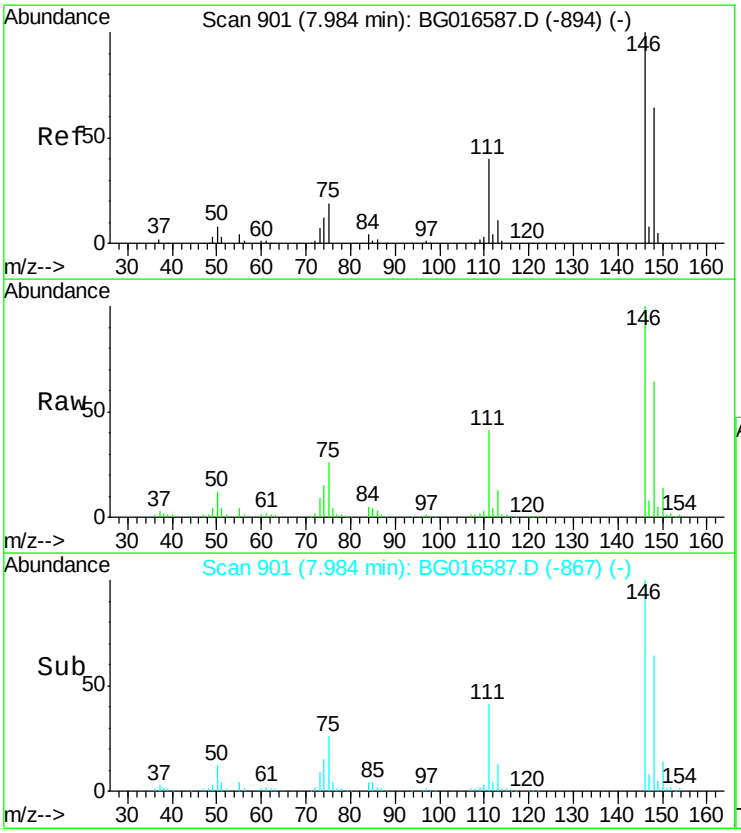
#13
1,4-Dichlorobenzene
Concen: 39.78 ng
RT: 7.67 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 161939

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	37.0	29.6	44.4

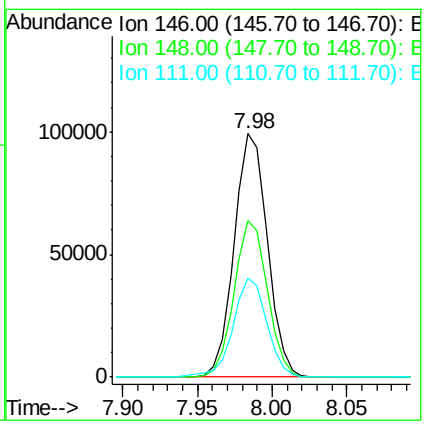


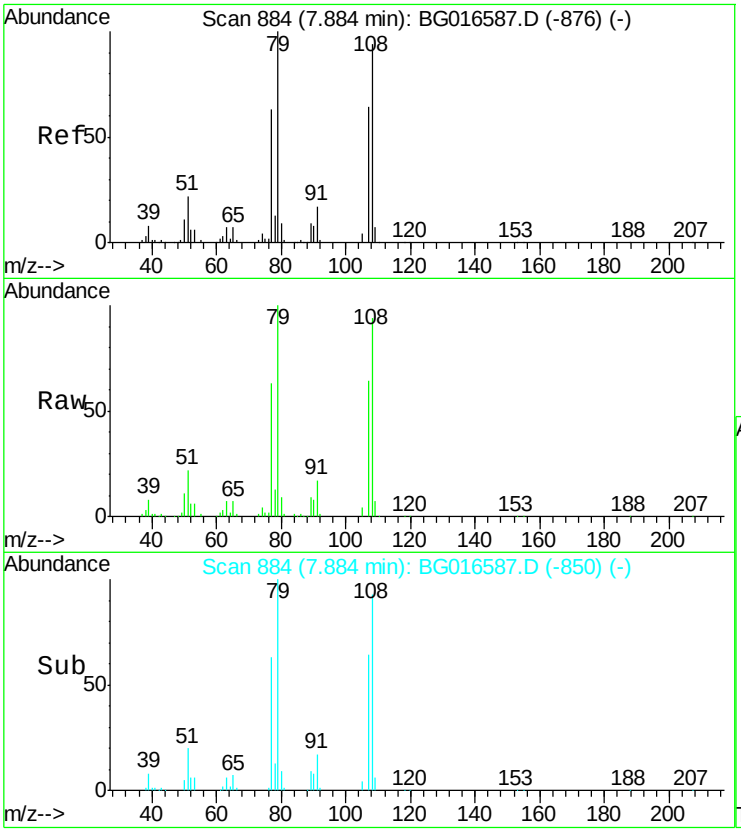


#14
1,2-Dichlorobenzene
Concen: 39.53 ng
RT: 7.98 min Scan# 901
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion:146 Resp: 153246

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	40.7	32.6	48.8



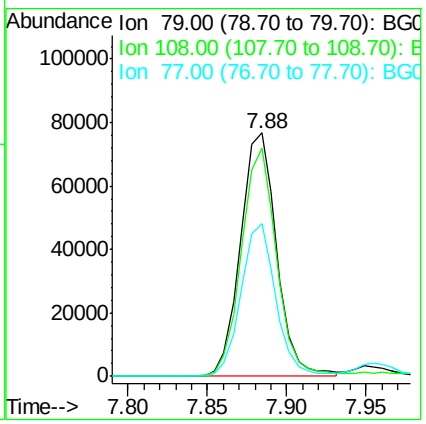


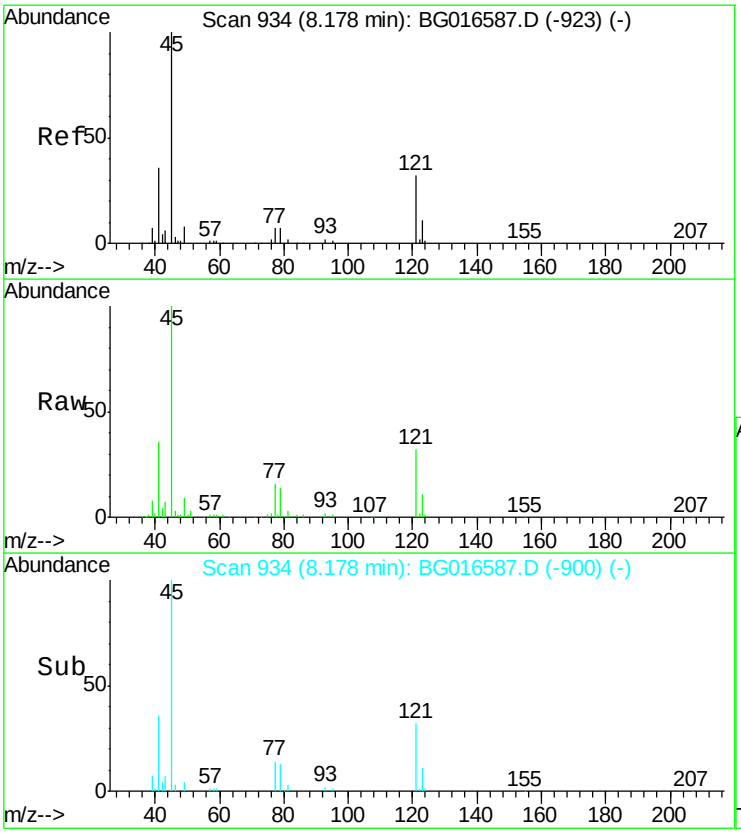
#15
Benzyl Alcohol
Concen: 36.73 ng
RT: 7.88 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 121287

Ion	Ratio	Lower	Upper
79	100		
108	93.5	74.8	112.2
77	62.5	50.0	75.0

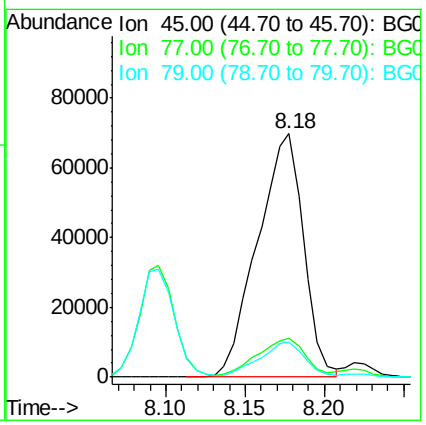


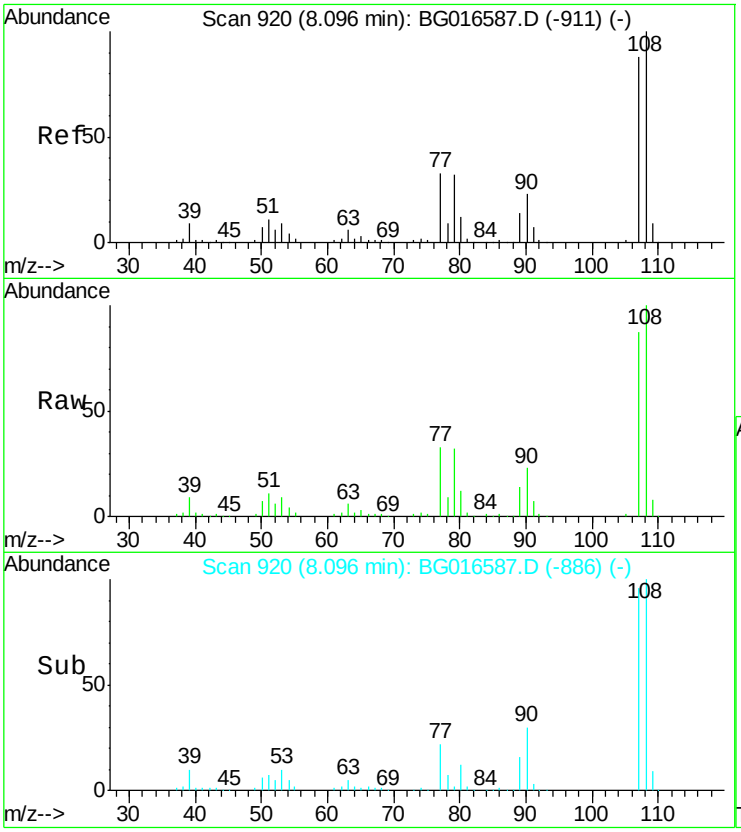


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.40 ng
RT: 8.18 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion: 45 Resp: 140753

Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.7
79	14.3	0.0	34.3



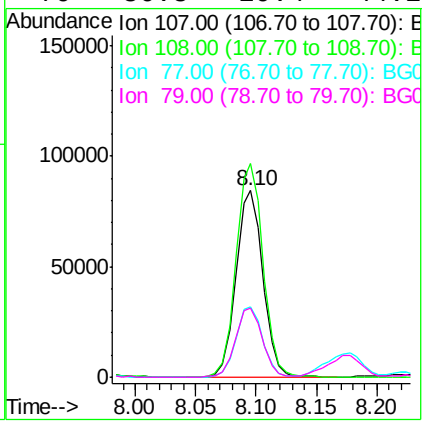


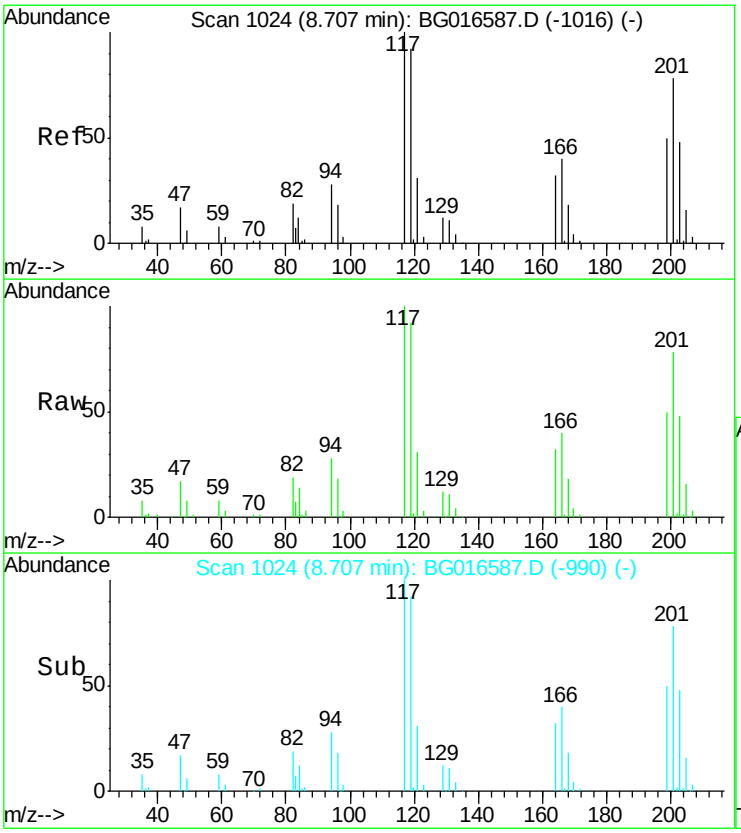
#17
2-Methylphenol
Concen: 38.19 ng
RT: 8.10 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 130937

Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.6	137.4
77	37.8	30.2	45.4
79	36.8	29.4	44.2

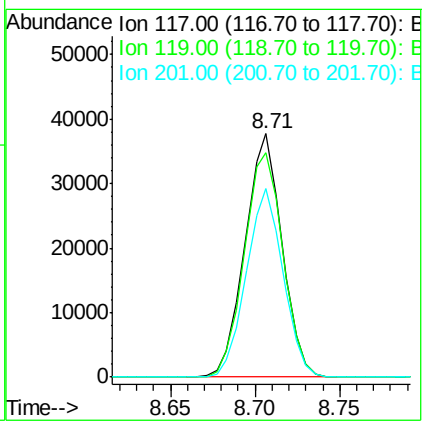


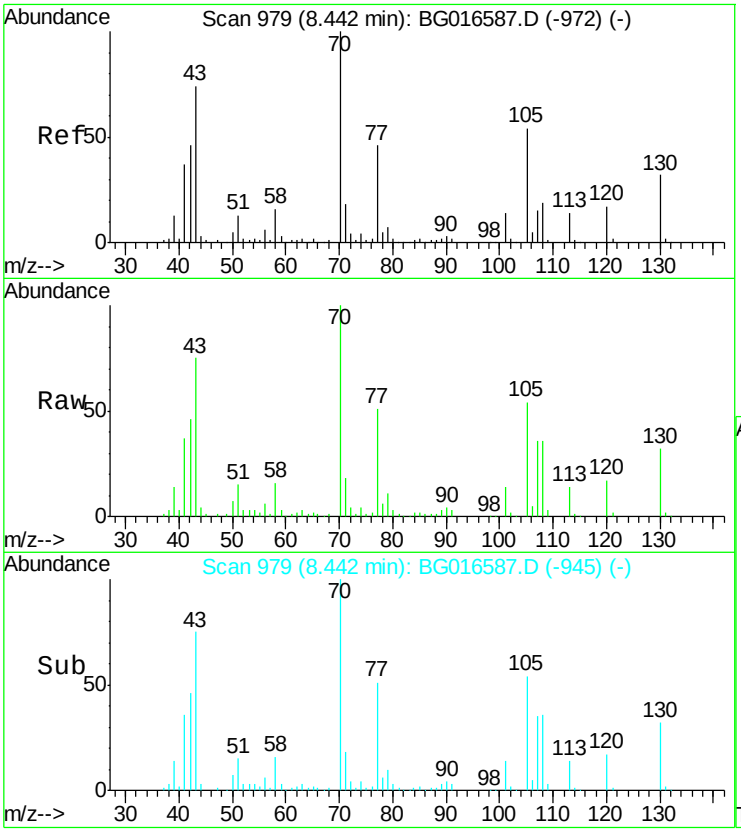


#18
Hexachloroethane
Concen: 37.39 ng
RT: 8.71 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion:117 Resp: 57543

Ion	Ratio	Lower	Upper
117	100		
119	92.3	73.8	110.8
201	77.7	62.2	93.2



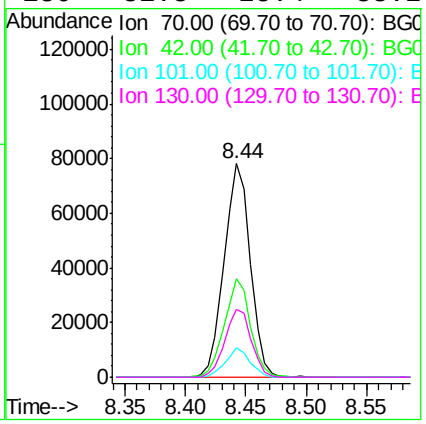


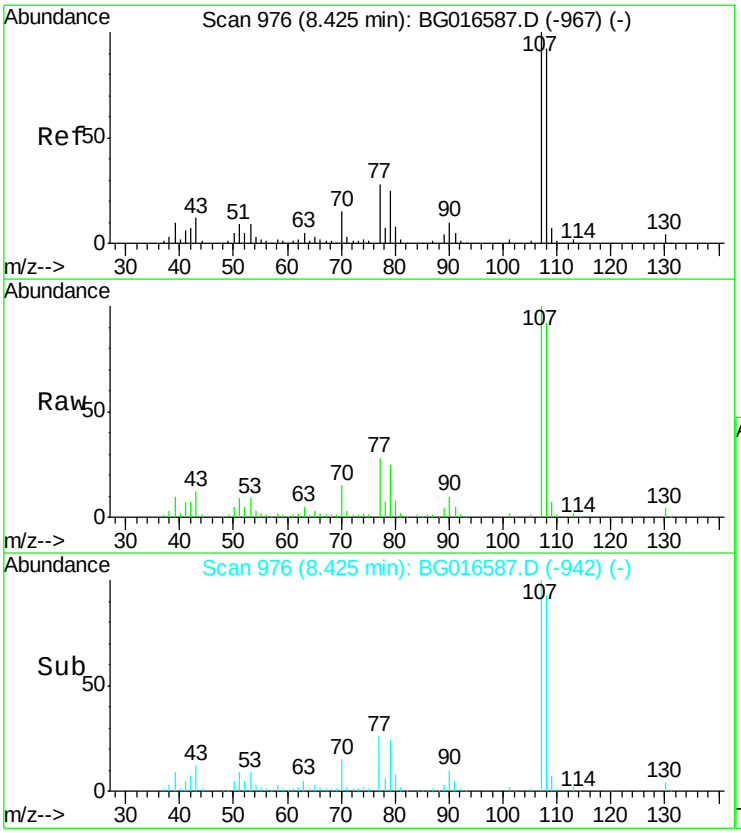
#19
n-Nitroso-di-n-propylamine
Concen: 34.82 ng
RT: 8.44 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 117195

Ion	Ratio	Lower	Upper
70	100		
42	46.1	36.9	55.3
101	13.5	10.8	16.2
130	31.8	25.4	38.2

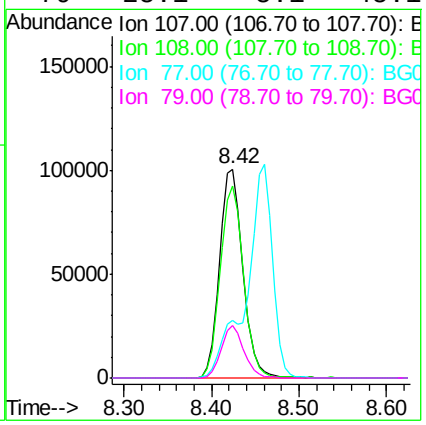


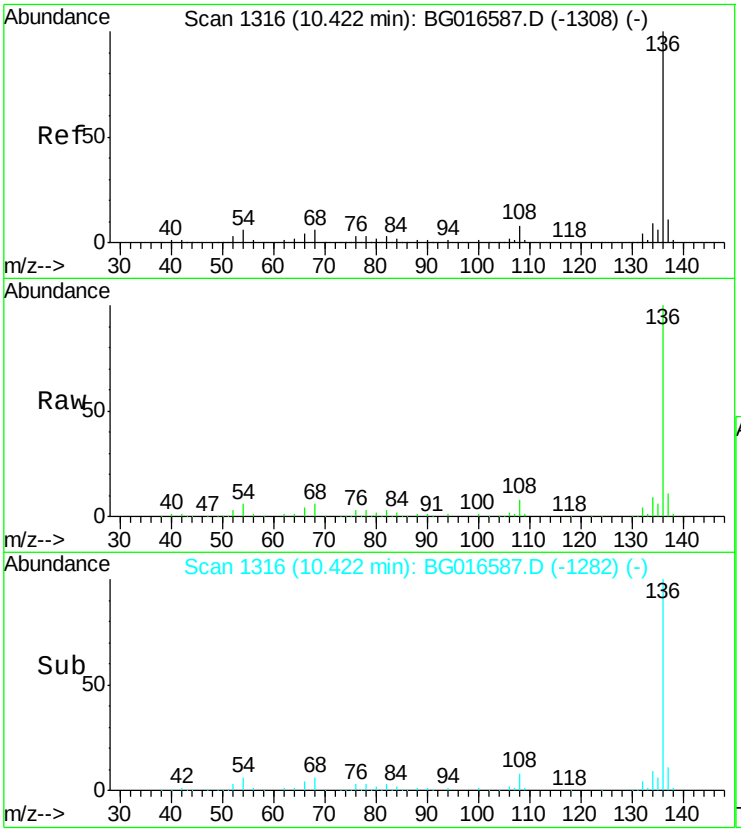


#20
3+4-Methylphenols
Concen: 39.01 ng
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion:107 Resp: 185498

Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.6	111.6
77	27.6	7.6	47.6
79	25.1	5.1	45.1



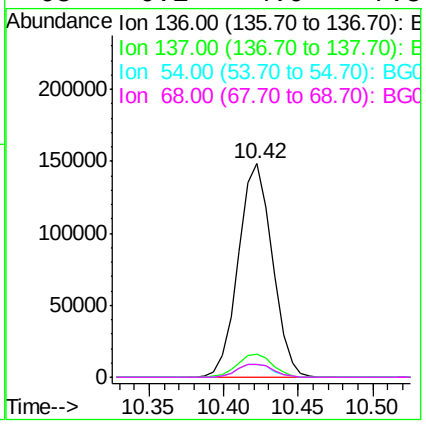


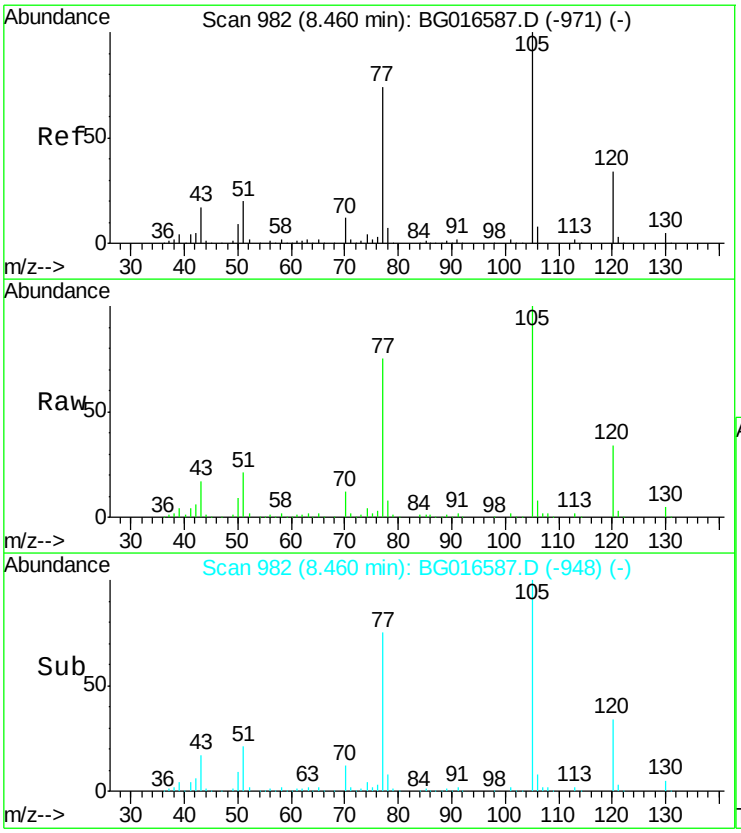
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 233694

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.1	4.9	7.3
68	6.1	4.9	7.3





#22
Acetophenone
Concen: 39.74 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG016587.D
Acq: 21 Apr 2015 17:29

Tgt Ion:105 Resp: 215964

Ion	Ratio	Lower	Upper
105	100		
71	2.2	1.8	2.6
51	20.6	16.5	24.7
120	33.5	26.8	40.2