Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
Data File : BG025480.D
Acq On : 12 Jan 2017 13:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 13 00:42:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	70640	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	313095	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	249152	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	568584	20.00	ng		0.00
75) Chrysene-d12	21.87	240	815391	20.00	ng		0.00
86) Perylene-d12	25.27	264	899173	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	342824	88.21	ng		0.00
7) Phenol-d6	7.36	99	484621	88.54	ng		0.00
23) Nitrobenzene-d5	9.39	82	580773	81.95	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	322771	80.47	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1244299	80.85	ng		0.00
78) Terphenyl-d14	20.15	244	2347523	76.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	74200	44.75	ng		92
3) Pyridine	4.00	79	213704	44.46	ng		94
4) n-Nitrosodimethylamine	3.91	42	134001	46.97	ng	#	96
6) Aniline	7.53	93	324656	43.78	ng		100
8) 2-Chlorophenol	7.77	128	186780	42.60	ng		99
9) Benzaldehyde	7.34	77	153024	38.21	ng		96
10) Phenol	7.39	94	264745	43.63	ng		98
11) bis(2-Chloroethyl)ether	7.61	93	204877	43.82	ng		88
12) 1,3-Dichlorobenzene	8.09	146	229463	43.25	ng		98
13) 1,4-Dichlorobenzene	8.24	146	230835	41.98	ng		100
14) 1,2-Dichlorobenzene	8.55	146	219145	41.77	ng		95
15) Benzyl Alcohol	8.45	79	224289	42.92	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.72	45	389545	44.99	ng		97
17) 2-Methylphenol	8.65	107	173156	43.46	ng		91
18) Hexachloroethane	9.28	117	92955	44.02	ng	#	86
19) n-Nitroso-di-n-propylamine	9.01	70	205907	44.54	ng		97
20) 3+4-Methylphenols	8.98	107	241505	43.80	ng		94
22) Acetophenone	9.04	105	350920	40.34	ng	#	96
24) Nitrobenzene	9.43	77	325150	41.83	ng		98
25) Isophorone	9.94	82	534191	41.63	ng		97
26) 2-Nitrophenol	10.15	139	123339	41.49	ng		93
27) 2,4-Dimethylphenol	10.19	122	199655	40.85	ng		98
28) bis(2-Chloroethoxy)methane	10.42	93	260732	39.13	ng		97
29) 2,4-Dichlorophenol	10.68	162	220720	42.20	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	251413	39.79	ng		99
31) Naphthalene	11.08	128	632382	40.45	ng		97
32) Benzoic acid	10.36	122	155933	39.67	ng		89
33) 4-Chloroaniline	11.20	127	279501	42.50	ng		96
34) Hexachlorobutadiene	11.33	225	207363	40.20	ng		98
35) Caprolactam	11.99	113	80099	40.76	ng		95
36) 4-Chloro-3-methylphenol	12.31	107	259668	40.22	ng		88
37) 2-Methylnaphthalene	12.67	142	477911	41.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	344113	41.83	ng		97
40) Hexachlorocyclopentadiene	13.00	237	110335	41.33	ng		91

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
Data File : BG025480.D
Acq On : 12 Jan 2017 13:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 13 00:42:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	211183	40.77	ng		98
43) 2,4,5-Trichlorophenol	13.36	196	219945	40.57	ng		94
45) 1,1'-Biphenyl	13.66	154	692042	41.30	ng		98
46) 2-Chloronaphthalene	13.71	162	528867	40.39	ng		99
47) 2-Nitroaniline	13.93	65	245027	44.34	ng		91
48) Acenaphthylene	14.56	152	822310	40.52	ng		98
49) Dimethylphthalate	14.27	163	743213	40.92	ng		100
50) 2,6-Dinitrotoluene	14.41	165	163939	41.31	ng		98
51) Acenaphthene	14.89	154	534736	40.29	ng		97
52) 3-Nitroaniline	14.76	138	154525	40.51	ng	#	92
53) 2,4-Dinitrophenol	14.98	184	97351	40.12	ng		90
54) Dibenzofuran	15.22	168	868663	41.40	ng		98
55) 4-Nitrophenol	15.08	139	117486	41.23	ng	#	88
56) 2,4-Dinitrotoluene	15.21	165	237534	41.11	ng	#	89
57) Fluorene	15.87	166	723972	41.21	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.46	232	230756	39.73	ng		93
59) Diethylphthalate	15.62	149	770426	40.45	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	415623	41.75	ng		94
61) 4-Nitroaniline	15.92	138	160780	41.89	ng	#	80
62) Azobenzene	16.15	77	778793	42.40	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	176218	44.75	ng		88
65) n-Nitrosodiphenylamine	16.08	169	647091	42.10	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	303800	43.31	ng		98
67) Hexachlorobenzene	16.87	284	329551	40.94	ng		93
68) Atrazine	17.01	200	223137	33.14	ng		97
69) Pentachlorophenol	17.23	266	159605	38.25	ng		95
70) Phenanthrene	17.61	178	1227439	41.89	ng		96
71) Anthracene	17.71	178	1241768	41.71	ng		99
72) Carbazole	17.99	167	1122528	42.15	ng		98
73) Di-n-butylphthalate	18.50	149	1356352	41.40	ng	#	96
74) Fluoranthene	19.62	202	1635936	42.27	ng		94
76) Benzidine	19.79	184	718619	35.33	ng		96
77) Pyrene	19.98	202	1699105	39.87	ng		98
79) Butylbenzylphthalate	20.83	149	692396	40.47	ng		98
80) Benzo(a)anthracene	21.85	228	1855455	40.80	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	752464	42.60	ng		97
82) Chrysene	21.92	228	1781525	40.85	ng		99
83) Bis(2-ethylhexyl)phthalate	21.69	149	1003051	42.12	ng		99
84) Di-n-octyl phthalate	22.94	149	1744268	44.12	ng		96
85) Indeno(1,2,3-cd)pyrene	29.20	276	2462074	44.41	ng		99
87) Benzo(b)fluoranthene	24.18	252	2044190	41.67	ng		99
88) Benzo(k)fluoranthene	24.18	252	2044190	43.15	ng		96
89) Benzo(a)pyrene	25.11	252	1970784	41.59	ng	#	98
90) Dibenzo(a,h)anthracene	29.24	278	2110592	42.03	ng	#	98
91) Benzo(g,h,i)perylene	30.44	276	2092469	41.93	ng		97

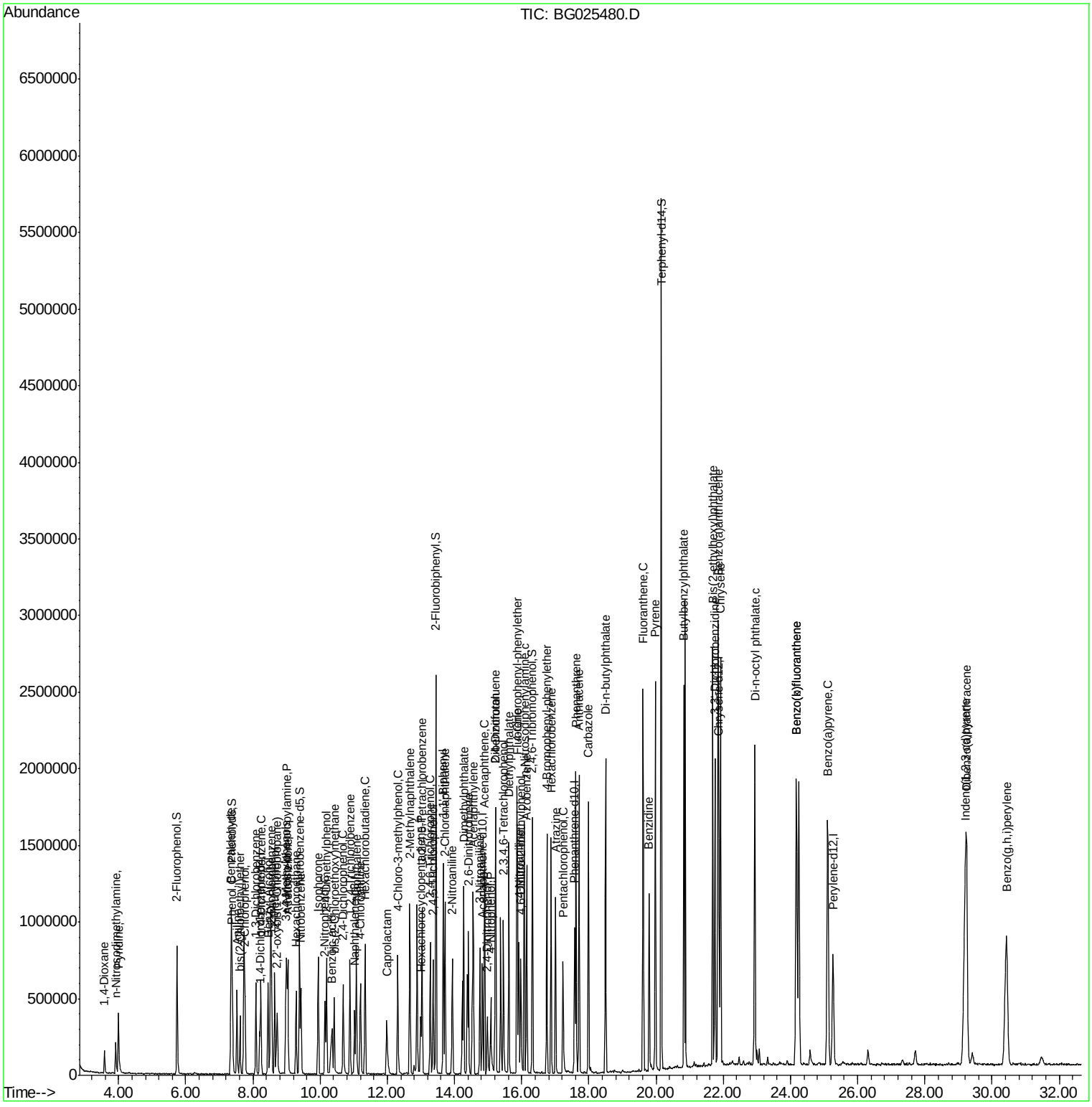
(#) = qualifier out of range (m) = manual integration (+) = signals summed

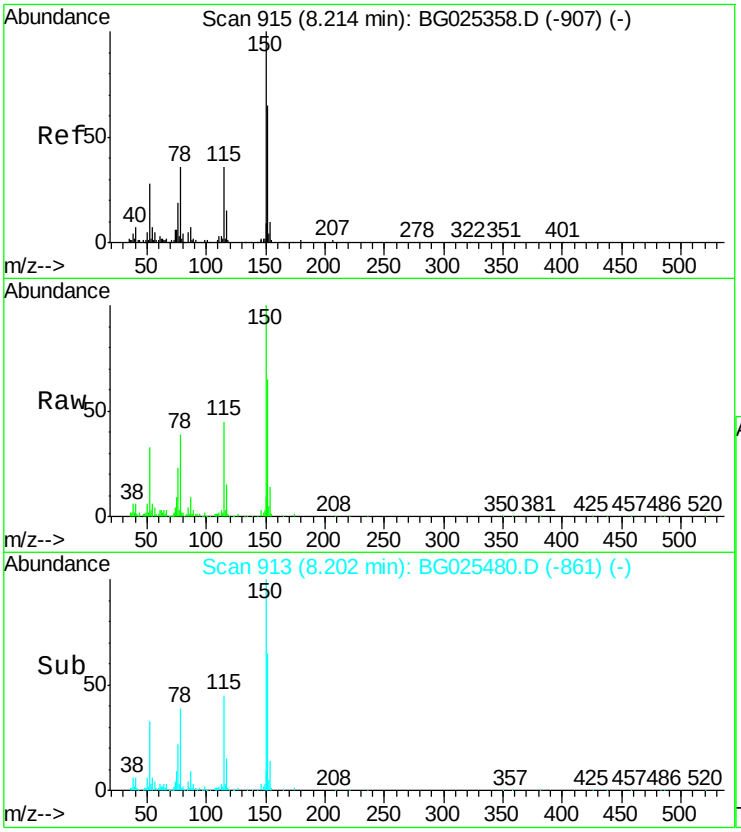
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
Data File : BG025480.D
Acq On : 12 Jan 2017 13:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 13 00:42:33 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration



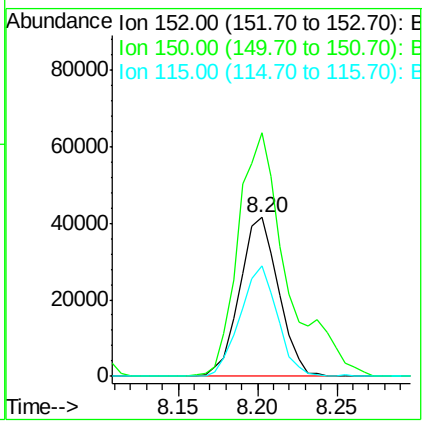


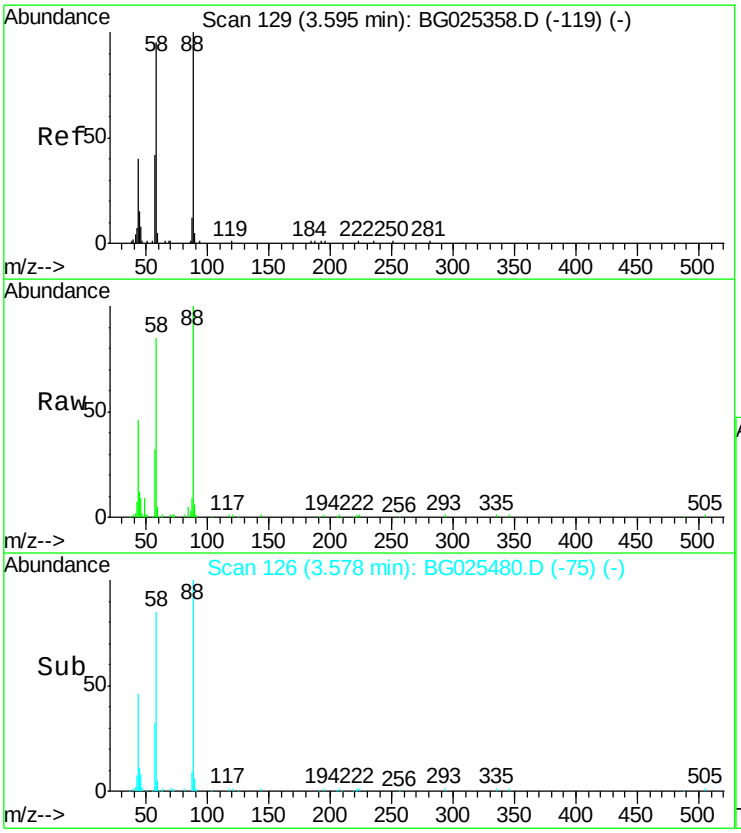
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 70640

Ion	Ratio	Lower	Upper
152	100		
150	153.5	114.0	171.0
115	69.3	48.1	72.1

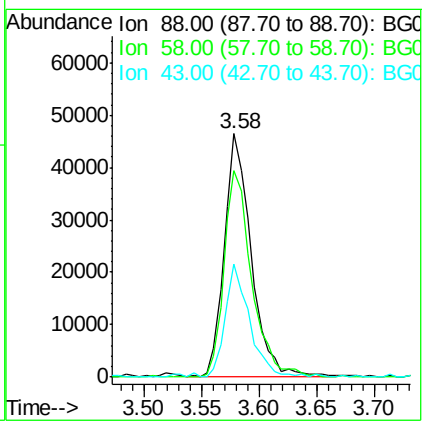


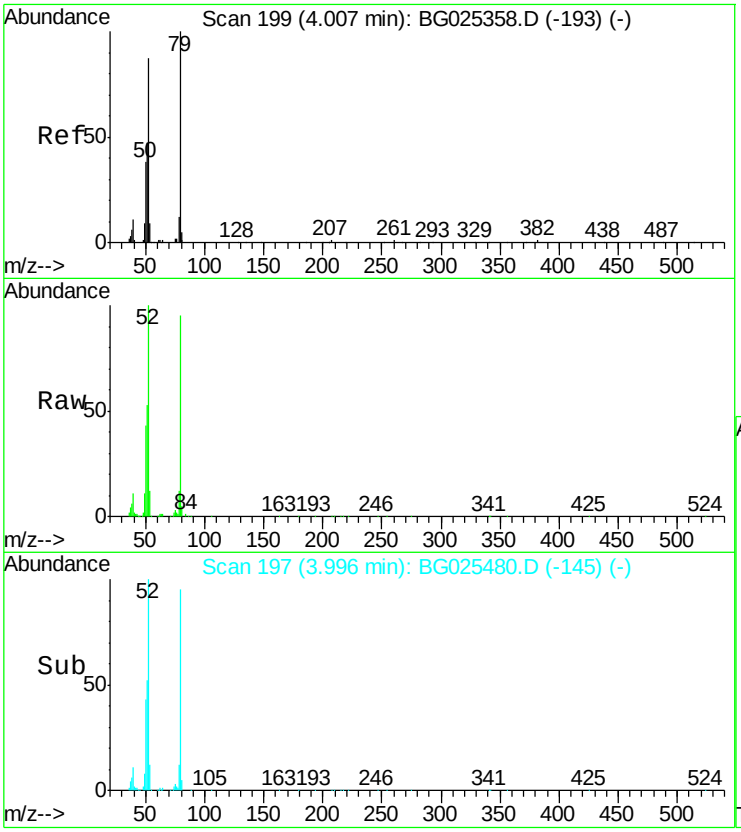


#2
1,4-Dioxane
Concen: 44.75 ng
RT: 3.58 min Scan# 126
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion: 88 Resp: 74200

Ion	Ratio	Lower	Upper
88	100		
58	88.0	79.4	119.2
43	42.2	33.8	50.6



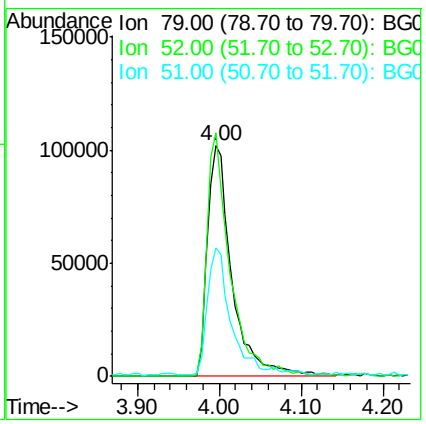


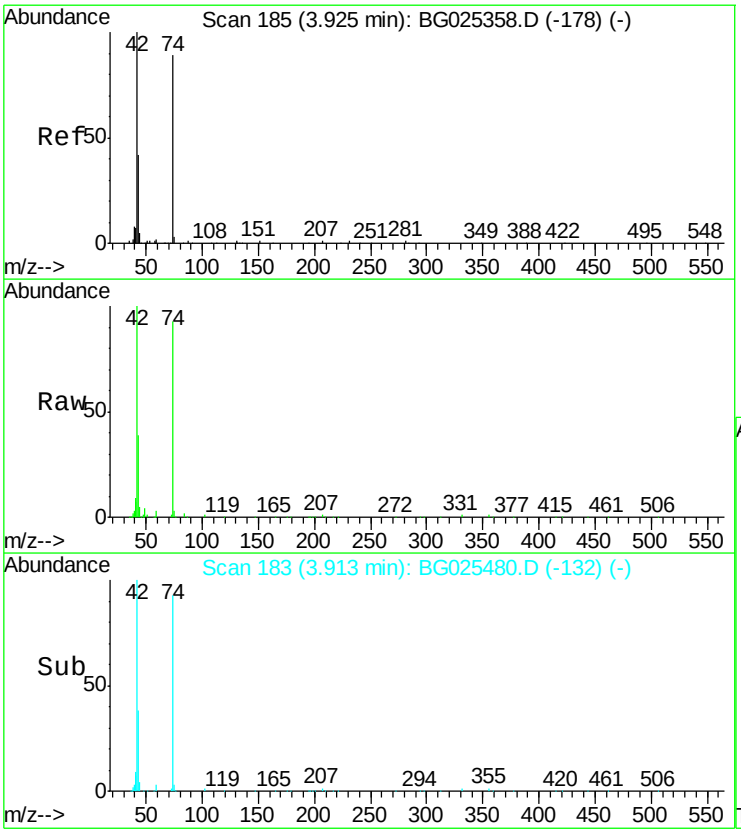
#3
Pyridine
Concen: 44.46 ng
RT: 4.00 min Scan# 197
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 213704

Ion	Ratio	Lower	Upper
79	100		
52	105.7	77.8	116.6
51	55.6	43.2	64.8

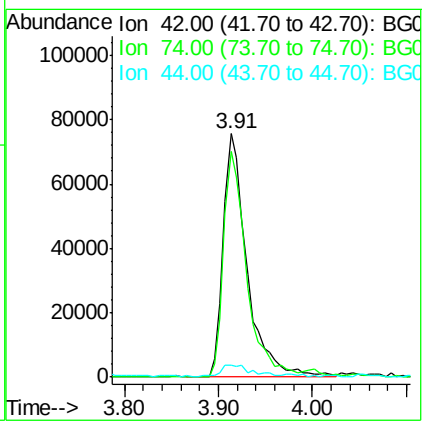


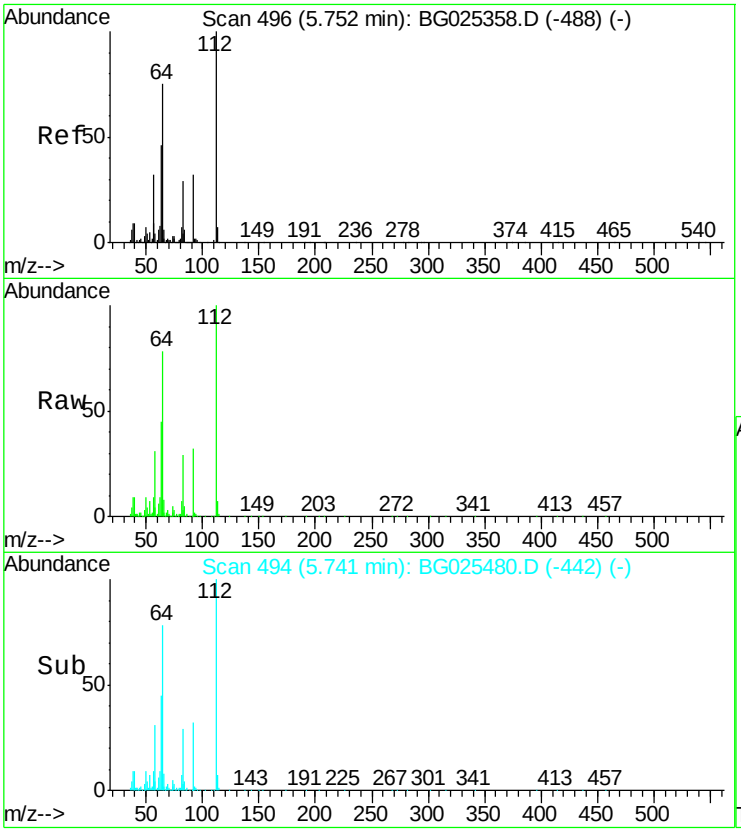


#4
n-Nitrosodimethylamine
Concen: 46.97 ng
RT: 3.91 min Scan# 183
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion: 42 Resp: 134001

Ion	Ratio	Lower	Upper
42	100		
74	92.7	76.7	115.1
44	4.8	6.1	9.1#



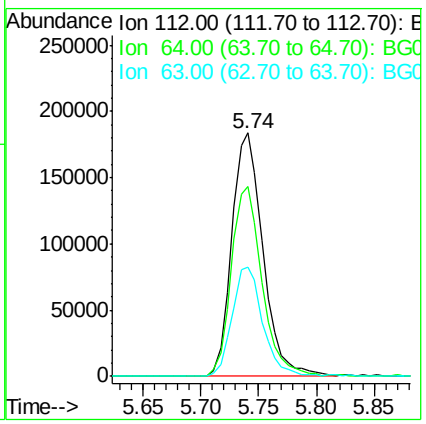


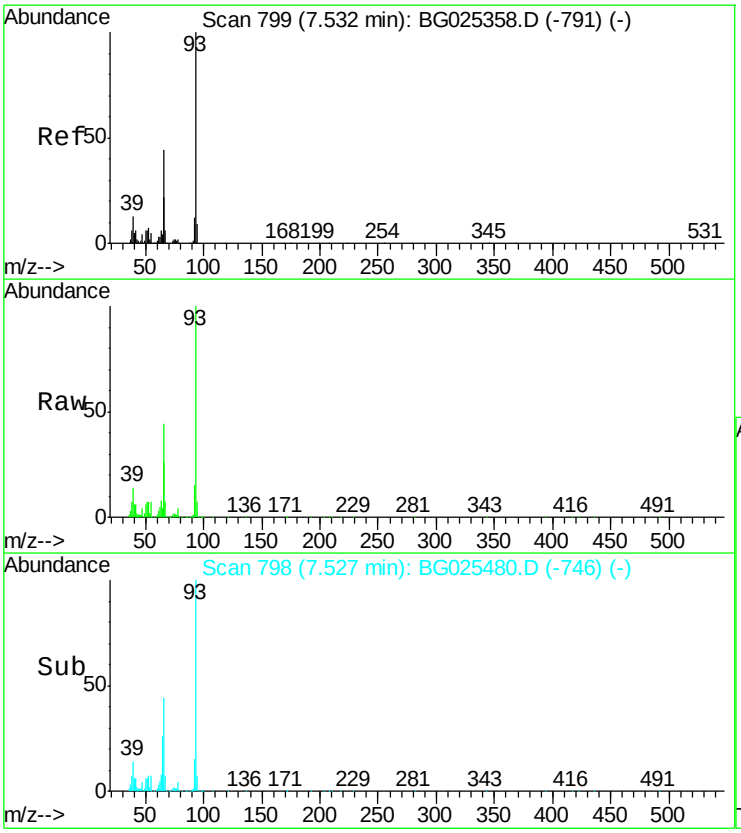
#5
2-Fluorophenol
Concen: 88.21 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 342824

Ion	Ratio	Lower	Upper
112	100		
64	78.1	61.8	92.6
63	44.7	37.2	55.8

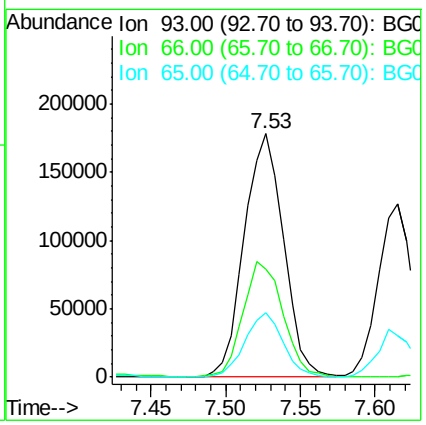


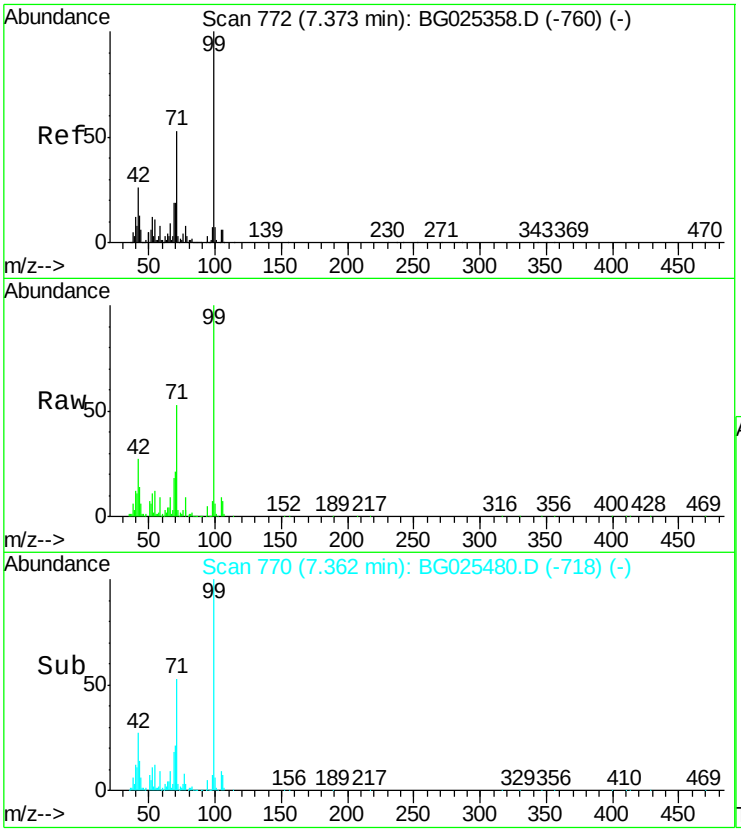


#6
Aniline
Concen: 43.78 ng
RT: 7.53 min Scan# 798
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion: 93 Resp: 324656

Ion	Ratio	Lower	Upper
93	100		
66	44.1	35.4	53.2
65	26.4	21.2	31.8



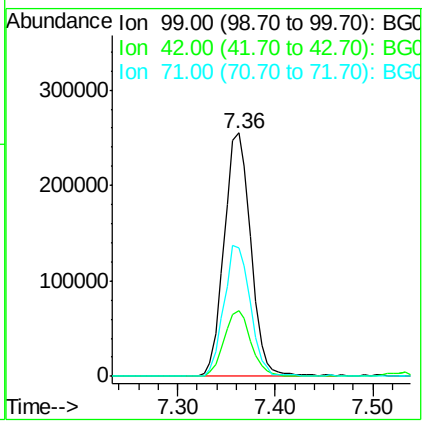


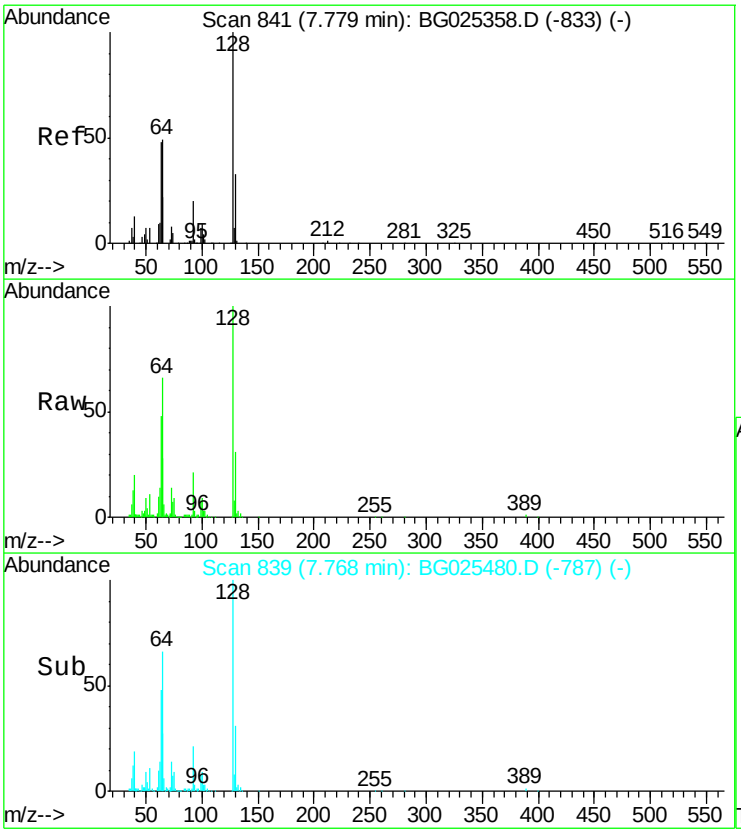
#7
Phenol-d6
Concen: 88.54 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 484621

Ion	Ratio	Lower	Upper
99	100		
42	27.2	20.5	30.7
71	52.6	37.6	56.4

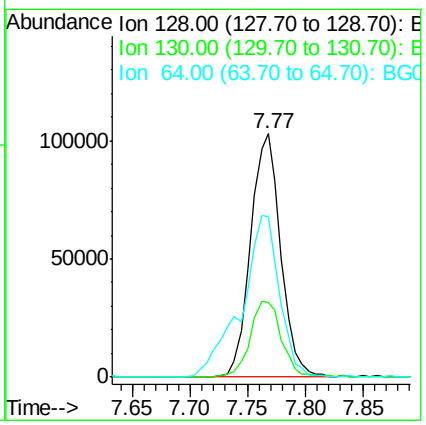


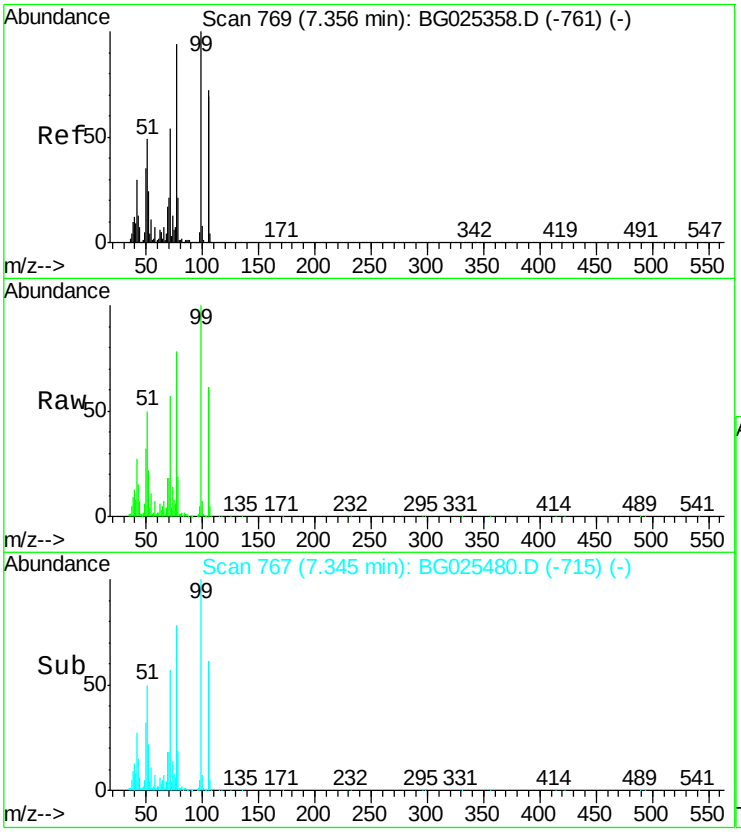


#8
2-Chlorophenol
Concen: 42.60 ng
RT: 7.77 min Scan# 839
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion:128 Resp: 186780

Ion	Ratio	Lower	Upper
128	100		
130	30.8	11.4	51.4
64	65.6	46.6	86.6



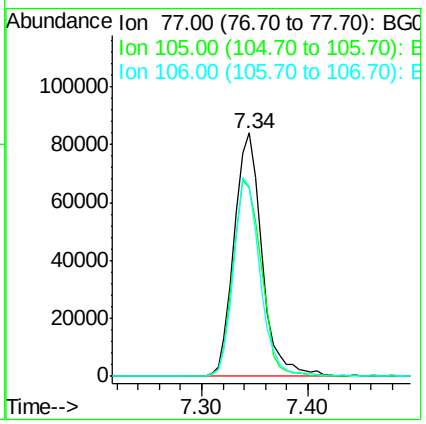


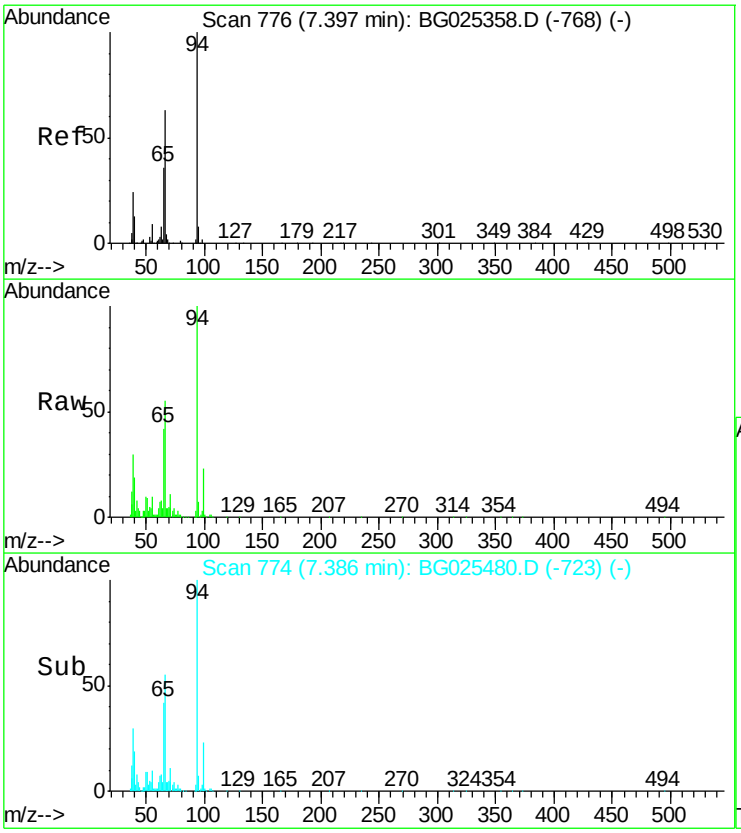
#9
Benzaldehyde
Concen: 38.21 ng
RT: 7.34 min Scan# 767
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 153024

Ion	Ratio	Lower	Upper
77	100		
105	77.6	60.9	100.9
106	78.0	55.1	95.1

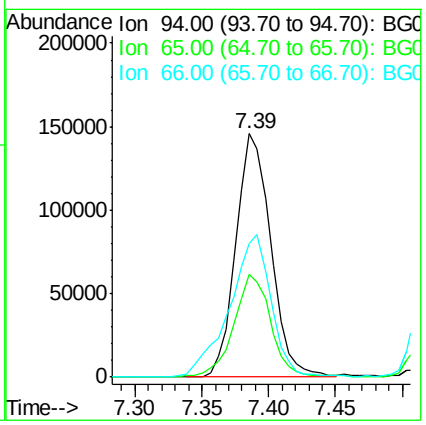


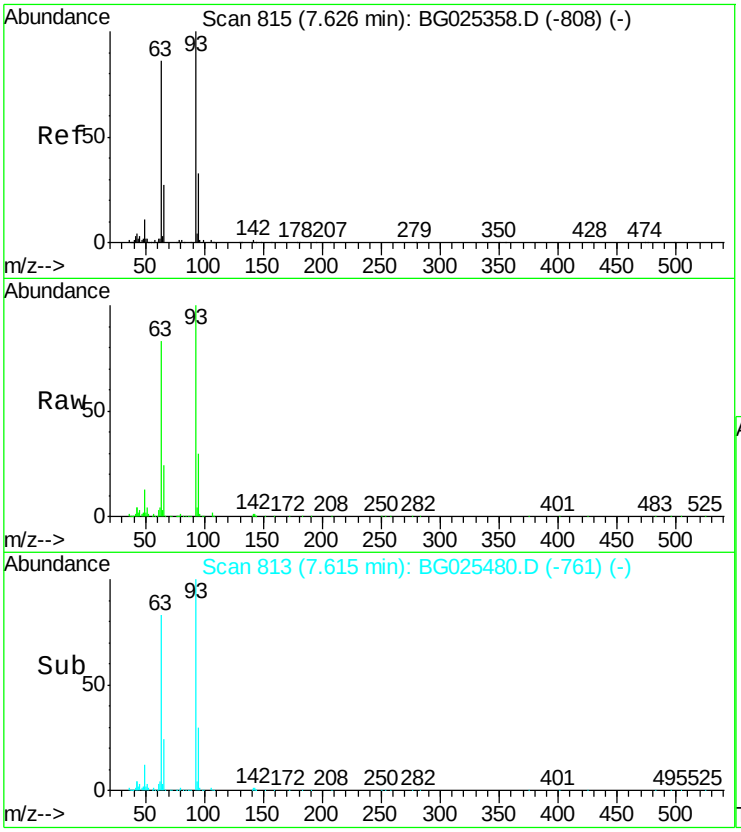


#10
Phenol
Concen: 43.63 ng
RT: 7.39 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion: 94 Resp: 264745

Ion	Ratio	Lower	Upper
94	100		
65	42.2	20.6	60.6
66	54.9	35.5	75.5



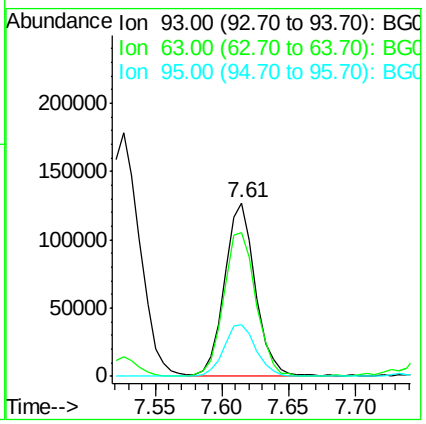


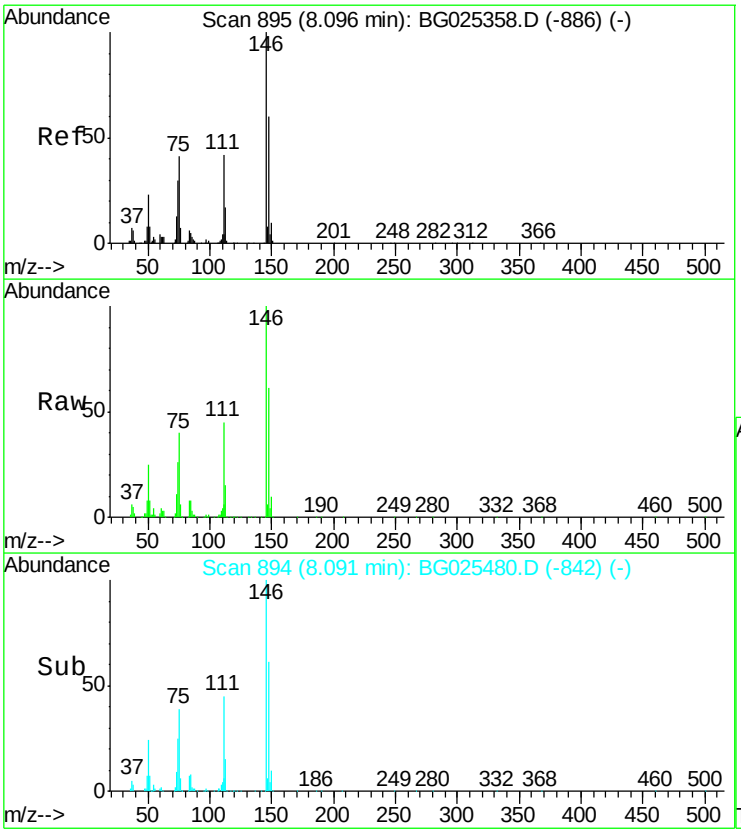
#11
bis(2-Chloroethyl)ether
Concen: 43.82 ng
RT: 7.61 min Scan# 813
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 204877

Ion	Ratio	Lower	Upper
93	100		
63	83.1	78.5	118.5
95	29.7	9.8	49.8

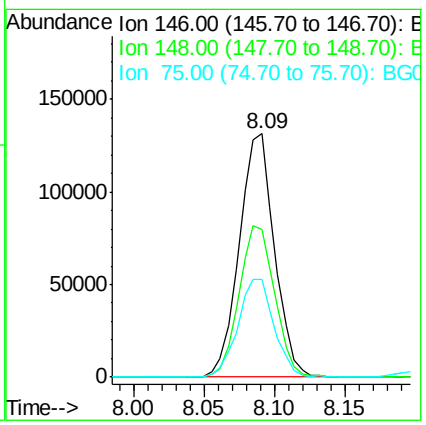


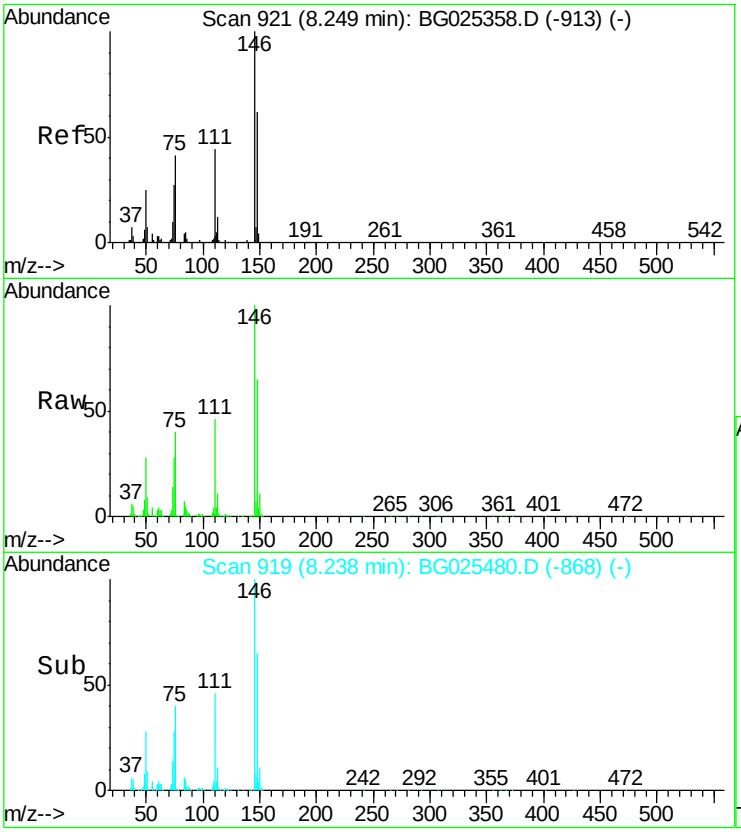


#12
1,3-Dichlorobenzene
Concen: 43.25 ng
RT: 8.09 min Scan# 894
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion:146 Resp: 229463

Ion	Ratio	Lower	Upper
146	100		
148	60.8	49.2	73.8
75	40.0	33.4	50.2



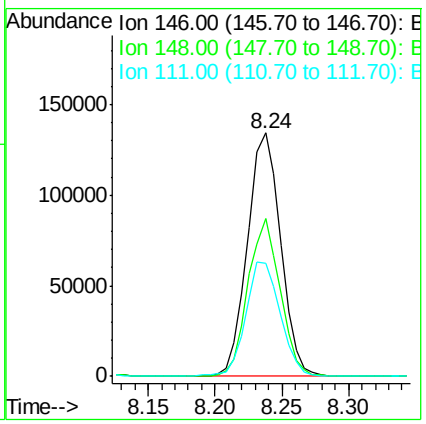


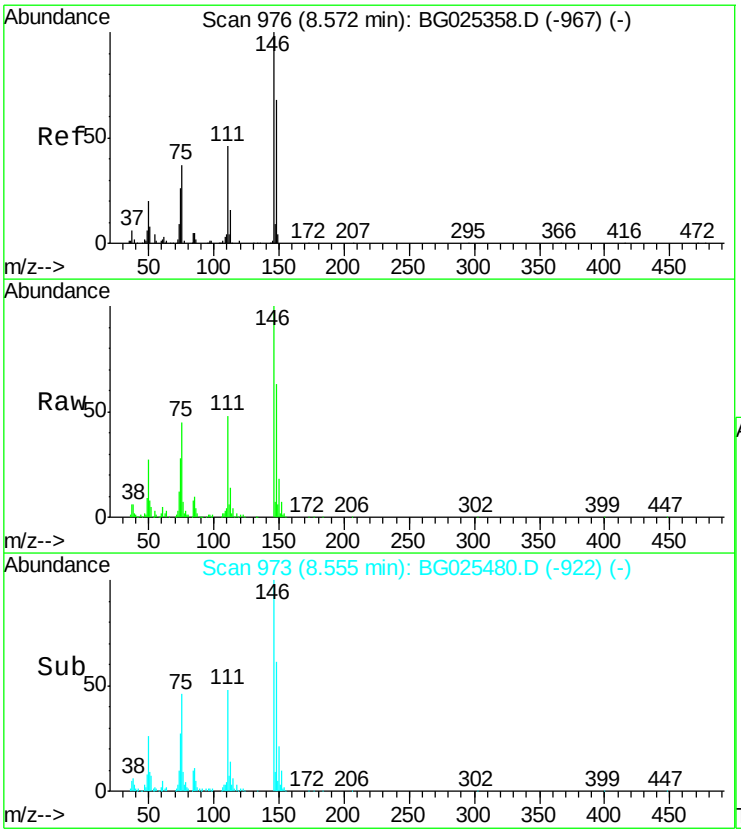
#13
1,4-Dichlorobenzene
Concen: 41.98 ng
RT: 8.24 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 230835

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	46.5	37.0	55.6

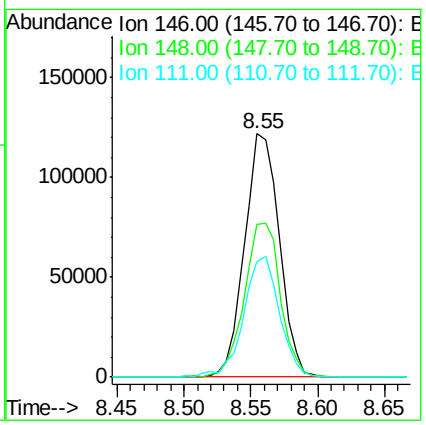


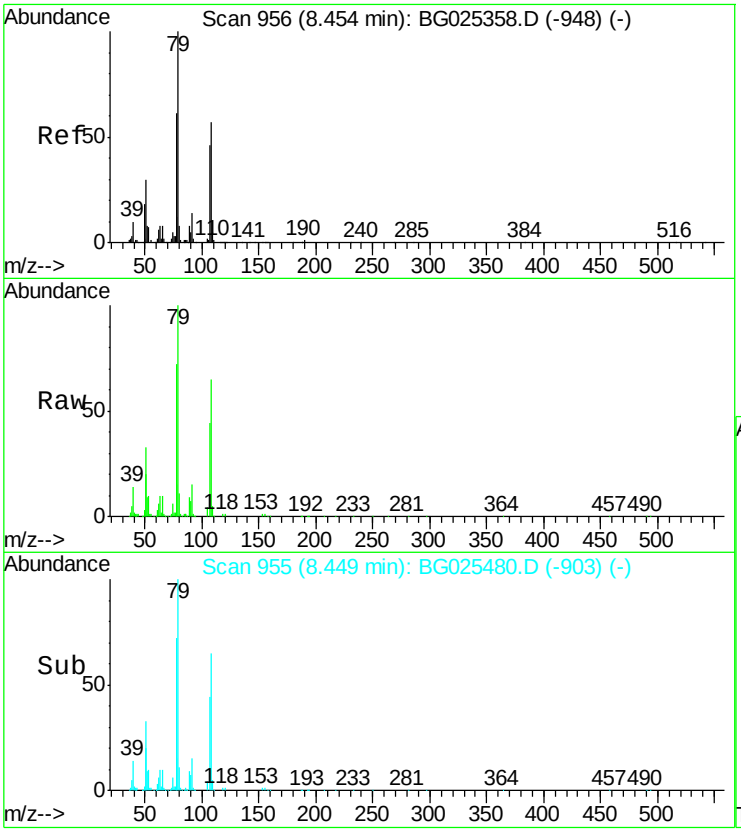


#14
1,2-Dichlorobenzene
Concen: 41.77 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion:146 Resp: 219145

Ion	Ratio	Lower	Upper
146	100		
148	62.5	54.6	81.8
111	47.7	39.7	59.5



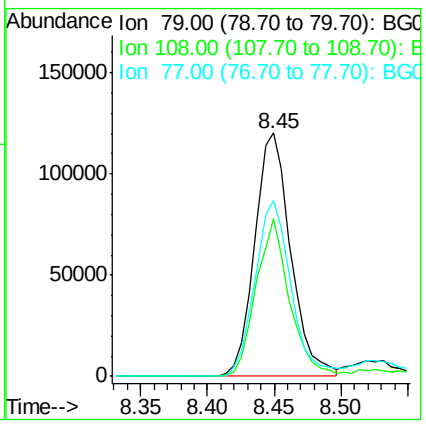


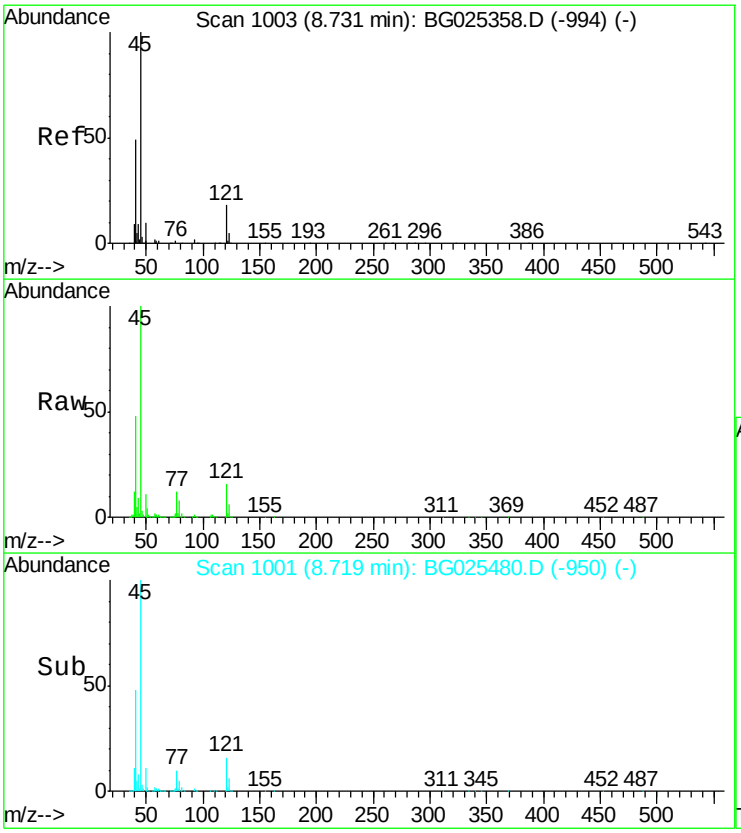
#15
Benzyl Alcohol
Concen: 42.92 ng
RT: 8.45 min Scan# 955
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 224289

Ion	Ratio	Lower	Upper
79	100		
108	64.6	45.5	68.3
77	72.0	54.3	81.5

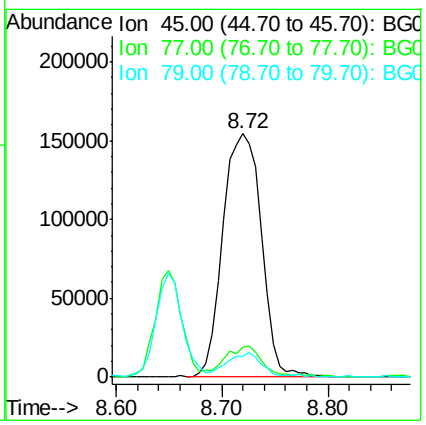


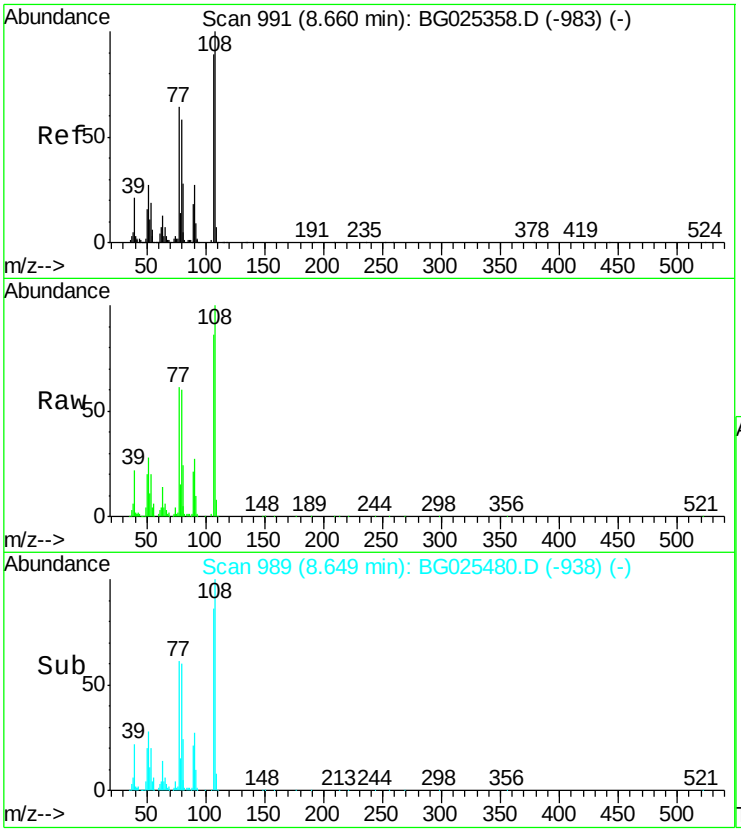


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.99 ng
RT: 8.72 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion: 45 Resp: 389545

Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	30.6
79	8.5	0.0	28.5



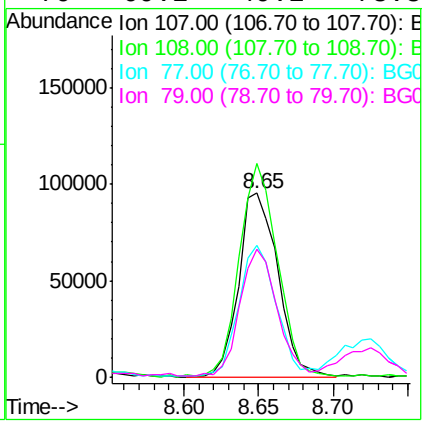


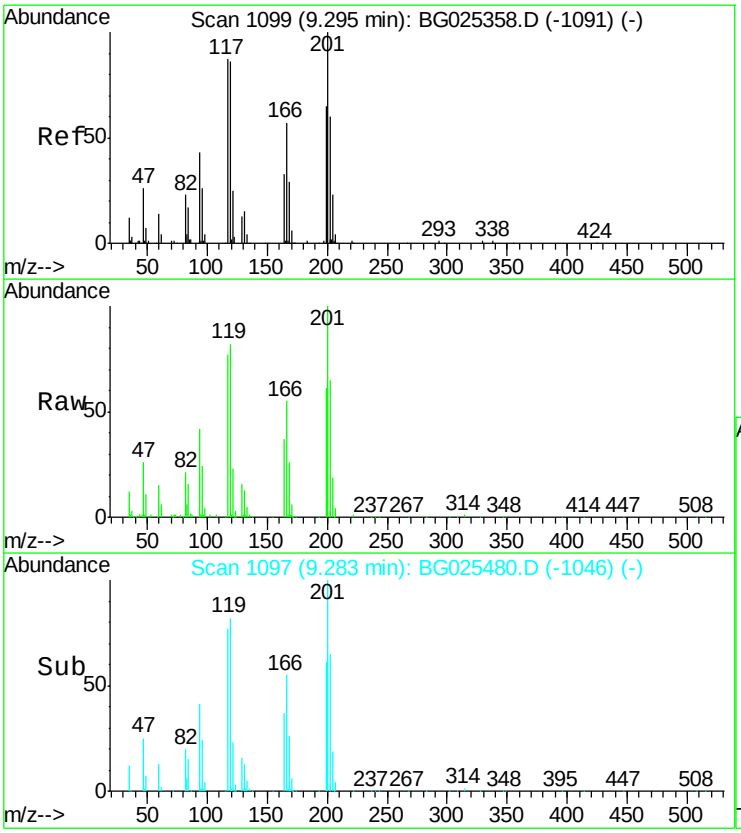
#17
2-Methylphenol
Concen: 43.46 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 173156

Ion	Ratio	Lower	Upper
107	100		
108	116.0	85.6	128.4
77	71.3	51.4	77.2
79	69.2	49.2	73.8

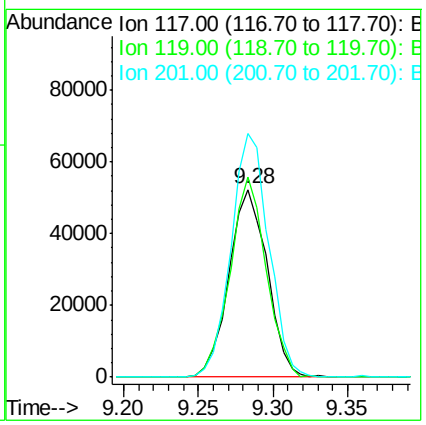


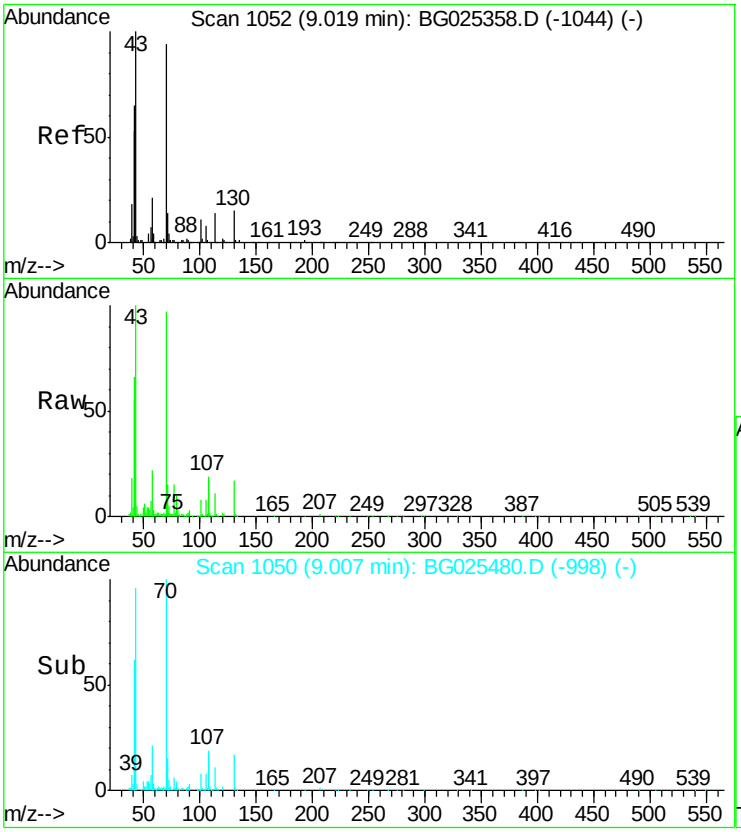


#18
Hexachloroethane
Concen: 44.02 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion:117 Resp: 92955

Ion	Ratio	Lower	Upper
117	100		
119	106.5	69.8	104.6#
201	130.0	95.4	143.0



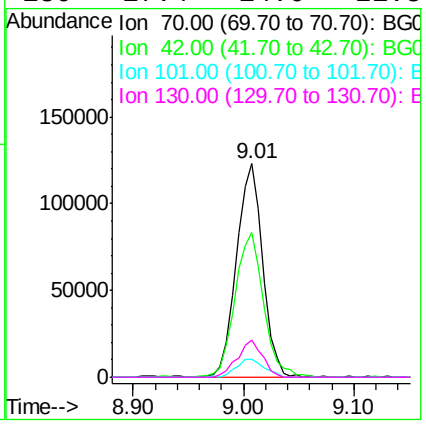


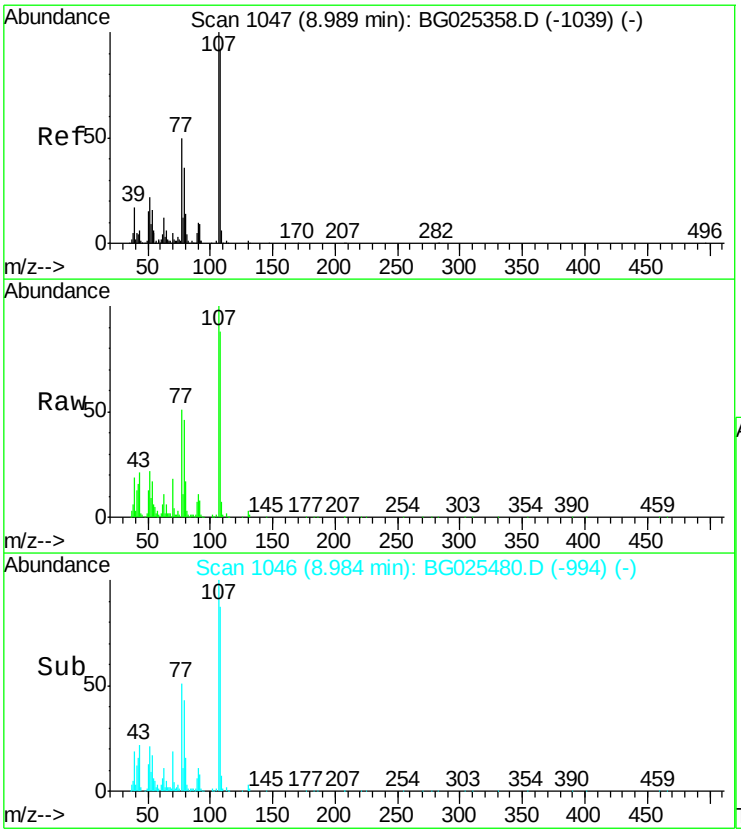
#19
n-Nitroso-di-n-propylamine
Concen: 44.54 ng
RT: 9.01 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 205907

Ion	Ratio	Lower	Upper
70	100		
42	67.8	56.1	84.1
101	8.1	7.5	11.3
130	17.4	14.6	21.8

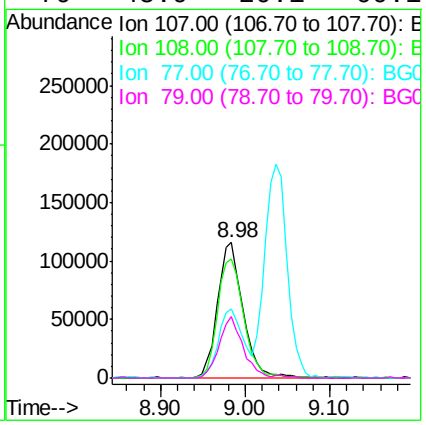


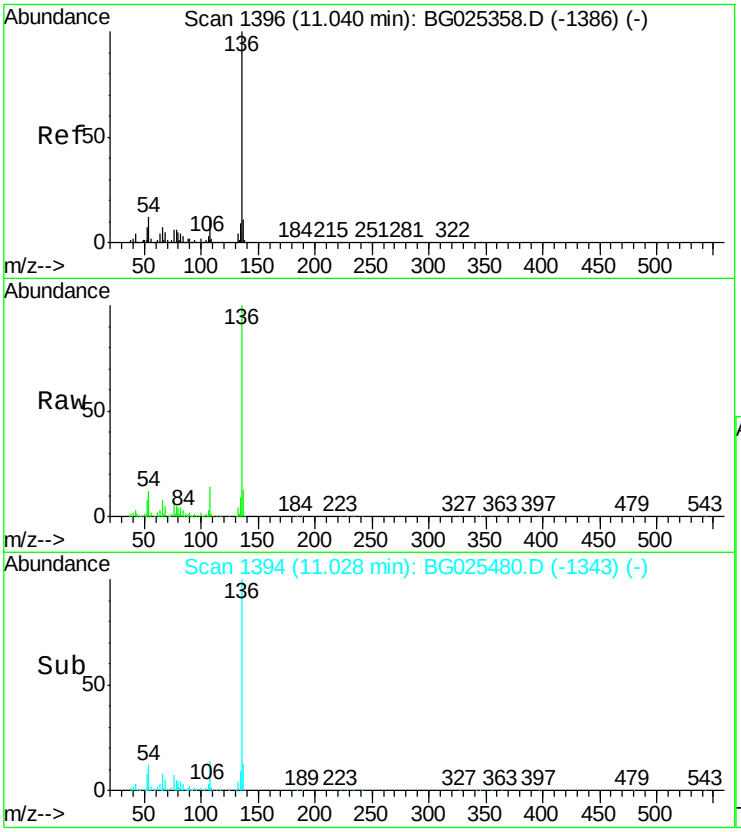


#20
3+4-Methylphenols
Concen: 43.80 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion:107 Resp: 241505

Ion	Ratio	Lower	Upper
107	100		
108	88.1	70.8	110.8
77	51.3	25.8	65.8
79	45.9	20.1	60.1



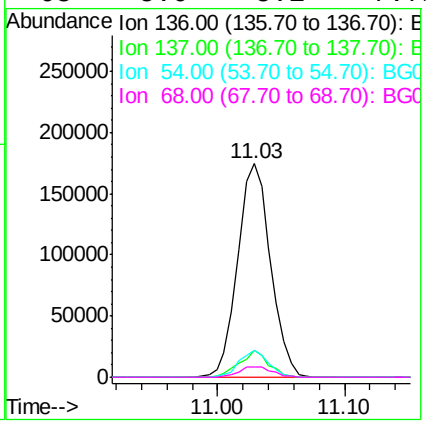


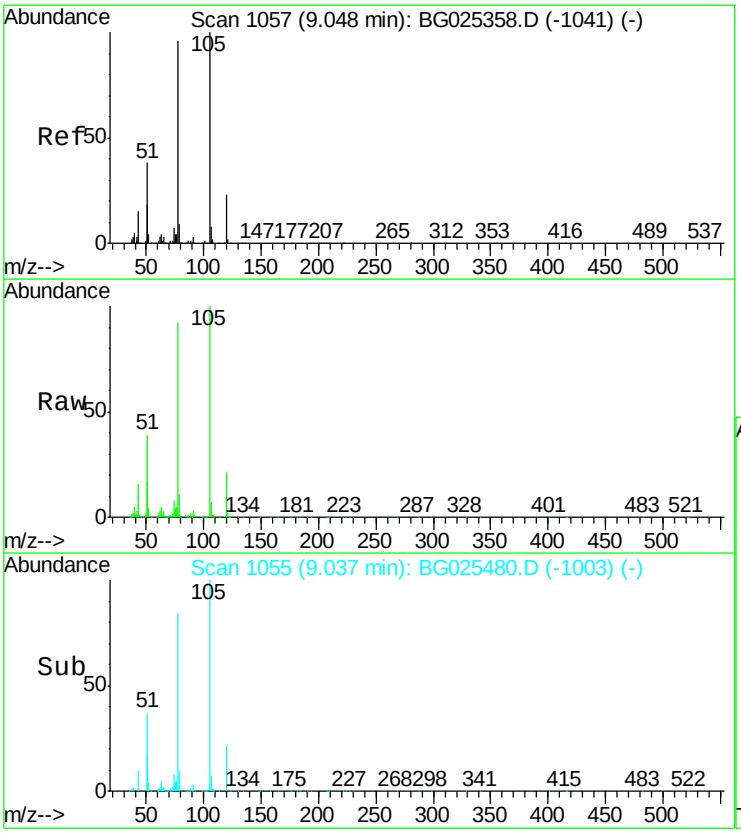
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 313095

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	12.4	9.3	13.9
68	5.0	5.1	7.7#

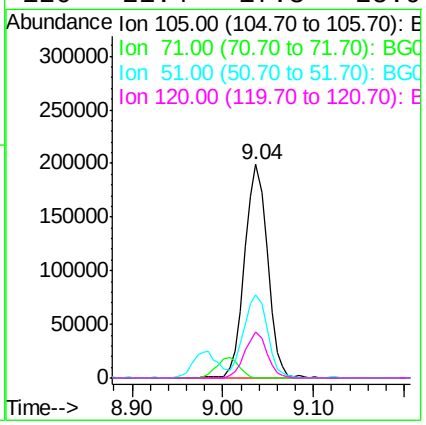


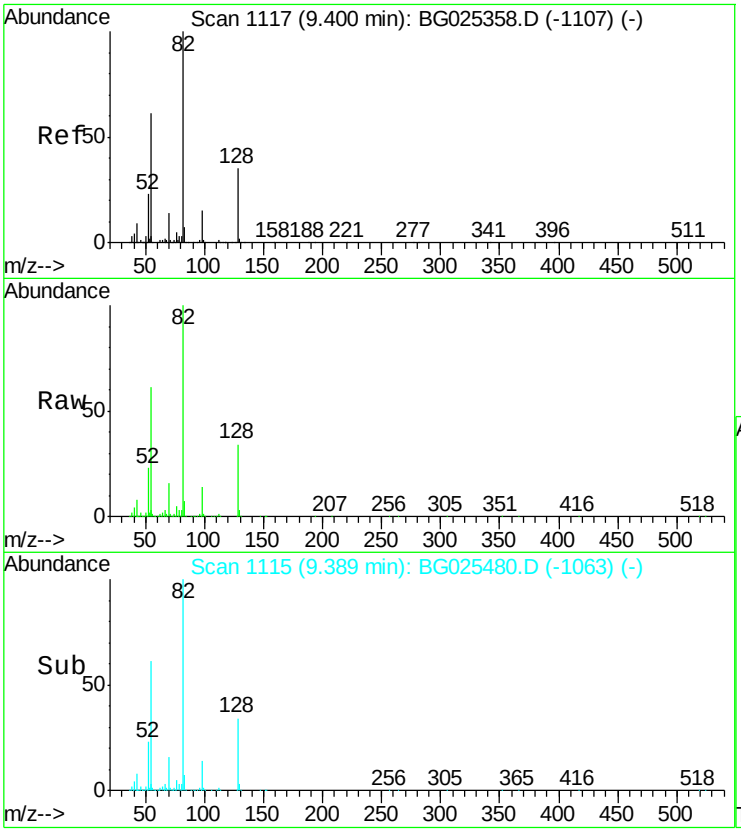


#22
Acetophenone
Concen: 40.34 ng
RT: 9.04 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion:105 Resp: 350920

Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	39.1	34.0	51.0
120	21.4	17.3	25.9



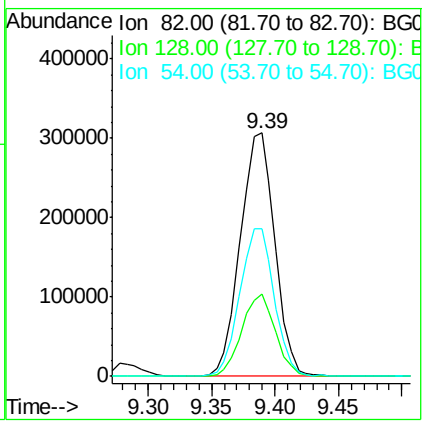


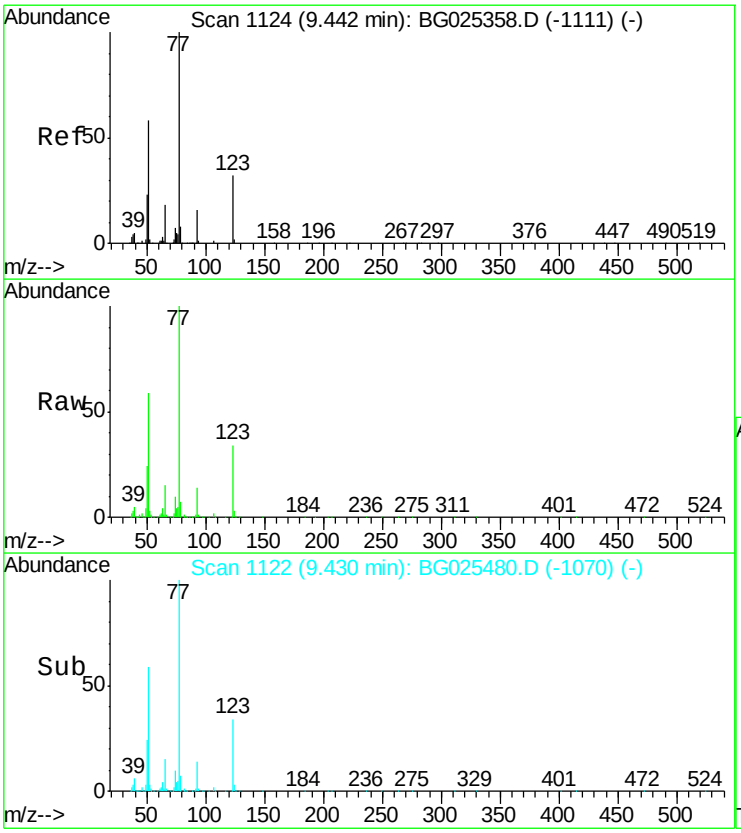
#23
Nitrobenzene-d5
Concen: 81.95 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 580773

Ion	Ratio	Lower	Upper
82	100		
128	34.1	26.4	39.6
54	60.7	49.4	74.2

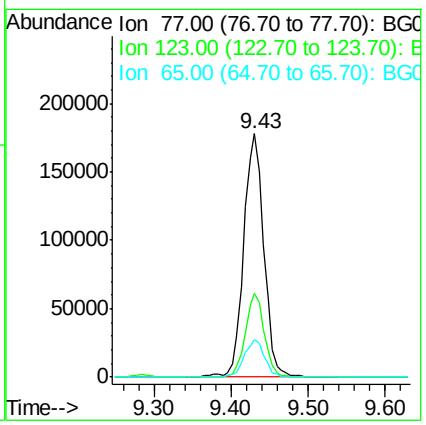


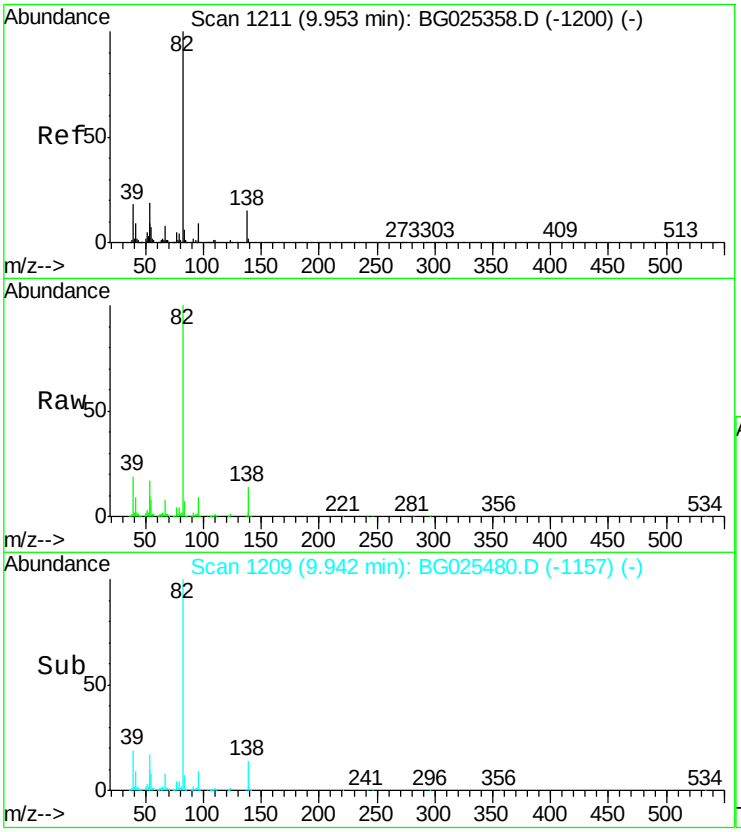


#24
Nitrobenzene
Concen: 41.83 ng
RT: 9.43 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion: 77 Resp: 325150

Ion	Ratio	Lower	Upper
77	100		
123	34.3	26.1	39.1
65	15.4	12.4	18.6



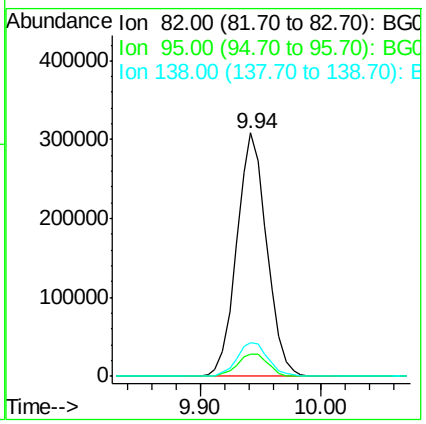


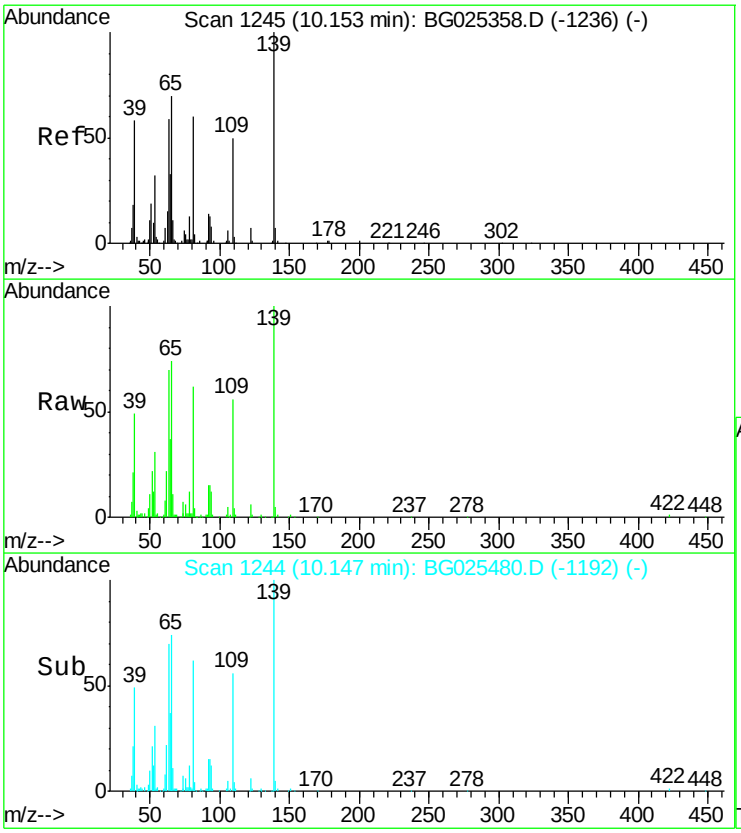
#25
Isophorone
Concen: 41.63 ng
RT: 9.94 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 534191

Ion	Ratio	Lower	Upper
82	100		
95	9.0	7.5	11.3
138	13.9	12.3	18.5

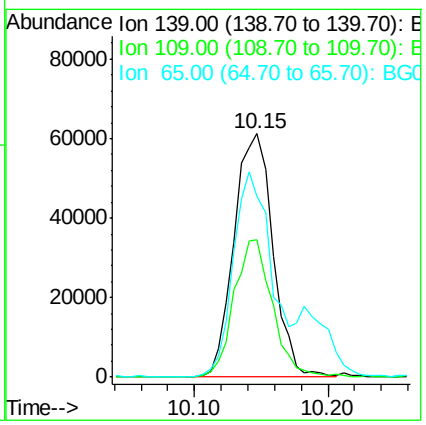


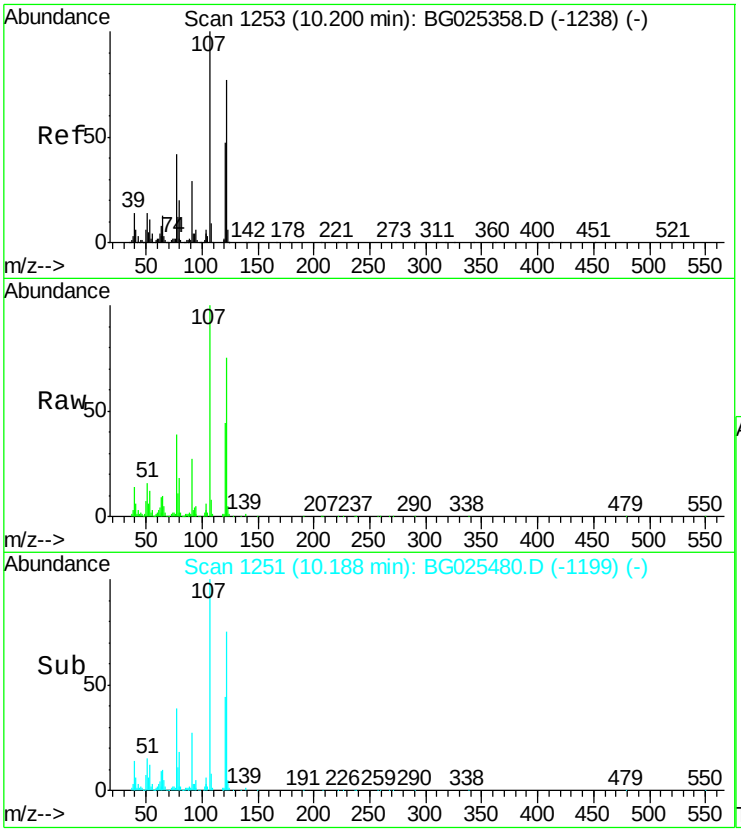


#26
2-Nitrophenol
Concen: 41.49 ng
RT: 10.15 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion:139 Resp: 123339

Ion	Ratio	Lower	Upper
139	100		
109	56.3	38.6	58.0
65	74.4	57.1	85.7



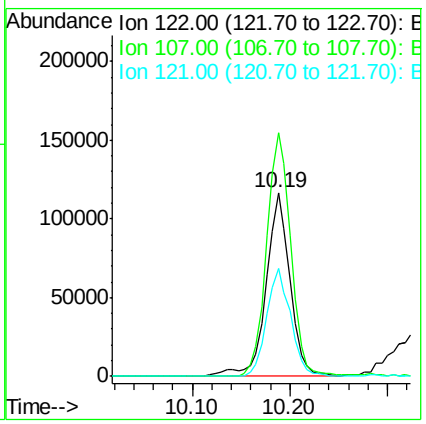


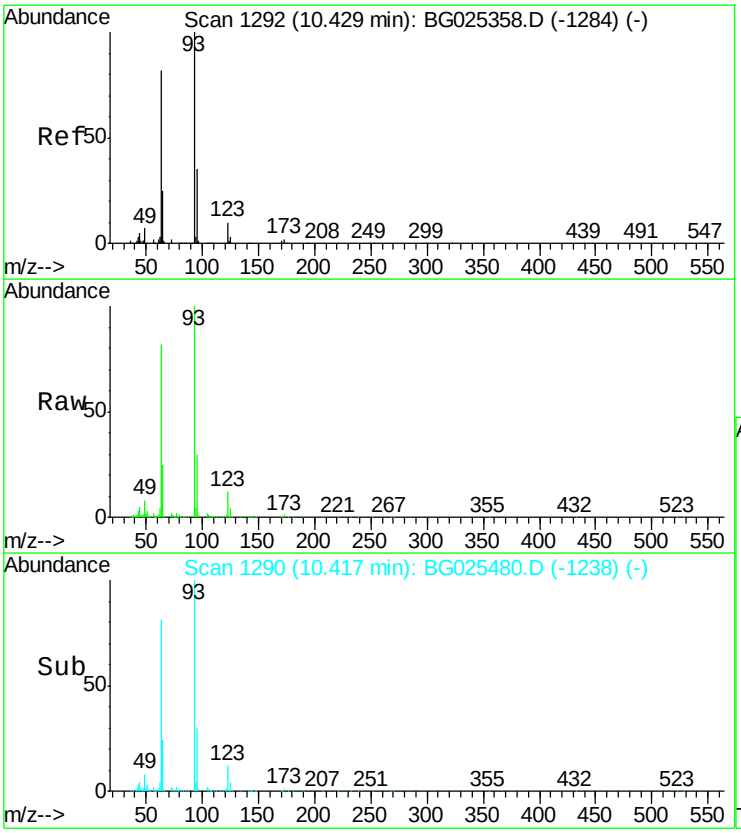
#27
2,4-Dimethylphenol
Concen: 40.85 ng
RT: 10.19 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 199655

Ion	Ratio	Lower	Upper
122	100		
107	132.7	104.2	156.4
121	58.9	46.0	69.0

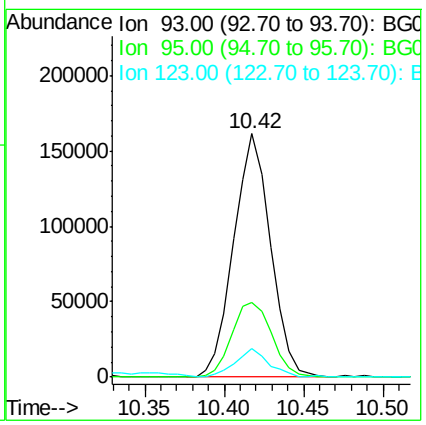


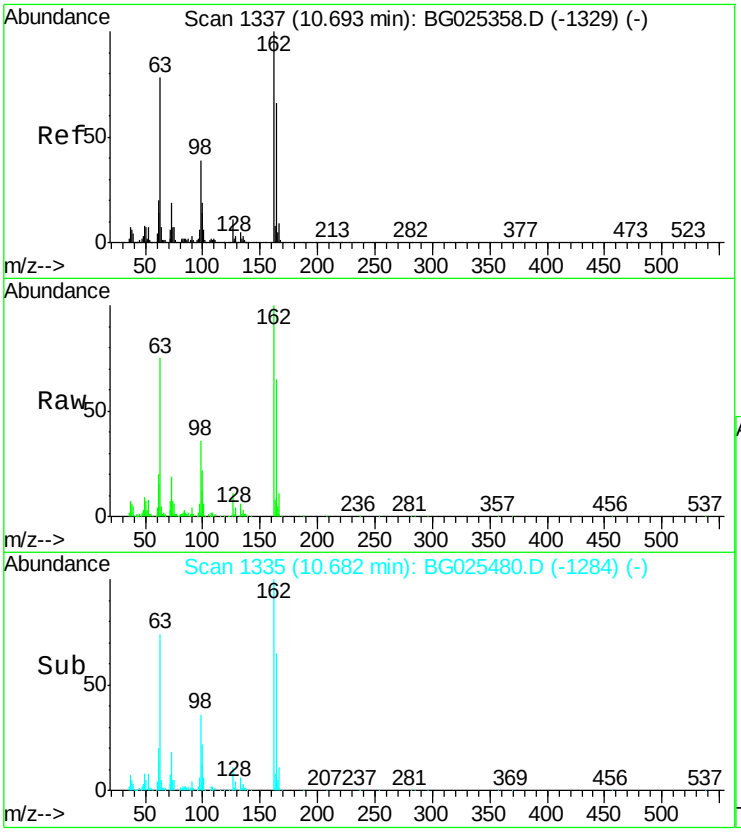


#28
bis(2-Chloroethoxy)methane
Concen: 39.13 ng
RT: 10.42 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion: 93 Resp: 260732

Ion	Ratio	Lower	Upper
93	100		
95	30.4	25.7	38.5
123	11.6	8.3	12.5



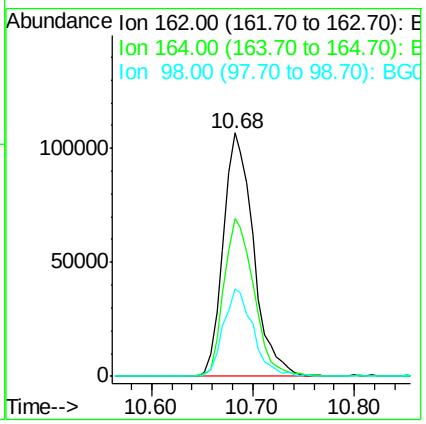


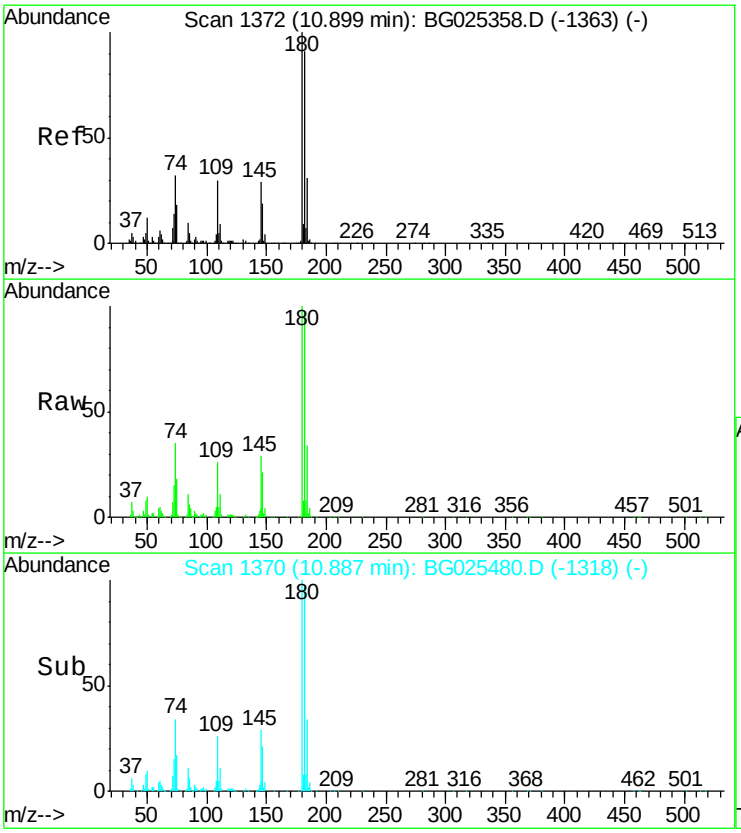
#29
2,4-Dichlorophenol
Concen: 42.20 ng
RT: 10.68 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 220720

Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.4	82.4
98	36.2	20.3	60.3





#30
1,2,4-Trichlorobenzene
Concen: 39.79 ng
RT: 10.89 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BG025480.D
Acq: 12 Jan 2017 13:35

Tgt Ion:180 Resp: 251413

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.0	115.4
145	29.5	23.4	35.0