Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006906.D
Acq On : 05 Aug 2016 18:51
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: Aug 06 00:35:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	126665	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	529610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	321153	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	751422	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	832525	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	777056	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	21312	9.25	ng/uL	0.00
5) Phenol-d5	6.78	99	196711	21.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	137626	22.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	162104	22.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	155988	20.57	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	80327	22.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	87038	20.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	165057	18.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	203586	22.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	534407	20.20	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	646355	20.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	55612	9.59	ng/ul	0.00
57) Fluorene-d10	15.22	176	463845	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	79136	16.14	ng/ul	0.00
70) Anthracene-d10	17.07	188	716205	19.85	ng/ul	0.00
76) Pyrene-d10	19.38	212	798588	18.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	743402	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	21785	8.50	ng/uL#	83
4) Benzaldehyde	6.73	77	136529	21.79	ng/ul	93
6) Phenol	6.81	94	199797	20.23	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.00	93	161659	22.92	ng/ul	96
10) 2-Chlorophenol	7.14	128	163216	21.99	ng/ul	95
11) 2-Methylphenol	8.04	108	163751	21.41	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.09	45	317427	20.38	ng/ul	98
14) Acetophenone	8.39	105	278733	20.70	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.37	70	149213	22.39	ng/ul	90
16) 4-Methylphenol	8.37	108	167150	20.06	ng/ul	92
17) Hexachloroethane	8.61	117	81233	21.00	ng/ul	83
20) Nitrobenzene	8.76	77	239600	20.98	ng/ul#	93
21) Isophorone	9.28	82	393772	21.82	ng/ul	98
23) 2-Nitrophenol	9.47	139	95259	21.14	ng/ul	94
24) 2,4-Dimethylphenol	9.55	107	220894	19.81	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.76	93	216036	22.07	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	169509	19.99	ng/ul	89
28) Naphthalene	10.38	128	538093	20.45	ng/ul	98
30) 4-Chloroaniline	10.53	127	196081	21.10	ng/ul	97
31) Hexachlorobutadiene	10.65	225	137765	17.26	ng/ul	96
32) Caprolactam	11.32	113	20496	8.56	ng/ul	87
33) 4-Chloro-3-methylphenol	11.69	107	185918	19.74	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	408854	19.28	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006906.D
Acq On : 05 Aug 2016 18:51
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: Aug 06 00:35:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	239989	18.96	ng/ul	95
37) Hexachlorocyclopentadiene	12.34	237	93383	13.29	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.65	196	146357	18.90	ng/ul	96
40) 1,1'-Biphenyl	13.04	154	543698	20.75	ng/ul	97
41) 2-Chloronaphthalene	13.08	162	421702	20.52	ng/ul	97
42) 2-Nitroaniline	13.33	65	153697	20.43	ng/ul#	87
44) Dimethylphthalate	13.69	163	520338	19.79	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	102853	20.13	ng/ul	97
47) Acenaphthylene	13.93	152	679243	20.75	ng/ul	97
48) 3-Nitroaniline	14.17	138	98048	22.67	ng/ul	88
49) Acenaphthene	14.28	153	440680	20.60	ng/ul	96
52) 4-Nitrophenol	14.53	109	110347	14.13	ng/ul	93
53) Dibenzofuran	14.62	168	642459	19.38	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	157764	19.44	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.87	232	137266	17.28	ng/ul#	93
56) Diethylphthalate	15.05	149	539932	19.75	ng/ul	97
58) Fluorene	15.27	166	534687	19.18	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	280148	17.90	ng/ul	95
60) 4-Nitroaniline	15.34	138	96105	21.30	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.39	198	83571	16.48	ng/ul#	86
64) N-Nitrosodiphenylamine	15.49	169	445550	20.71	ng/ul	95
65) 4-Bromophenyl-phenylether	16.16	248	179227	19.44	ng/ul	94
66) Hexachlorobenzene	16.27	284	194965	19.48	ng/ul	94
67) Atrazine	16.45	200	170393	18.51	ng/ul	97
68) Pentachlorophenol	16.64	266	82005	14.83	ng/ul	92
69) Phenanthrene	17.02	178	831062	20.05	ng/ul	99
71) Anthracene	17.10	178	857185	20.03	ng/ul	97
72) Carbazole	17.40	167	717282	19.68	ng/ul	97
73) Di-n-butylphthalate	17.94	149	863101	21.85	ng/ul	98
74) Fluoranthene	19.04	202	987124	18.59	ng/ul#	94
77) Pyrene	19.41	202	1049970	19.18	ng/ul#	93
78) Butylbenzylphthalate	20.31	149	379155	20.11	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.11	252	300960	19.71	ng/ul	96
80) Benzo(a)anthracene	21.17	228	1005669	19.83	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	538686	20.83	ng/ul#	98
82) Chrysene	21.22	228	895504	20.09	ng/ul	100
84) Di-n-octyl phthalate	21.95	149	927417	19.43	ng/ul#	89
85) Benzo(b)fluoranthene	22.71	252	992344	20.26	ng/ul#	99
86) Benzo(k)fluoranthene	22.76	252	933930	19.54	ng/ul#	98
88) Benzo(a)pyrene	23.27	252	929873	19.99	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.55	276	1101202	19.91	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.56	278	922956	19.36	ng/ul#	96
91) Benzo(g,h,i)perylene	26.22	276	885653	19.79	ng/ul#	95

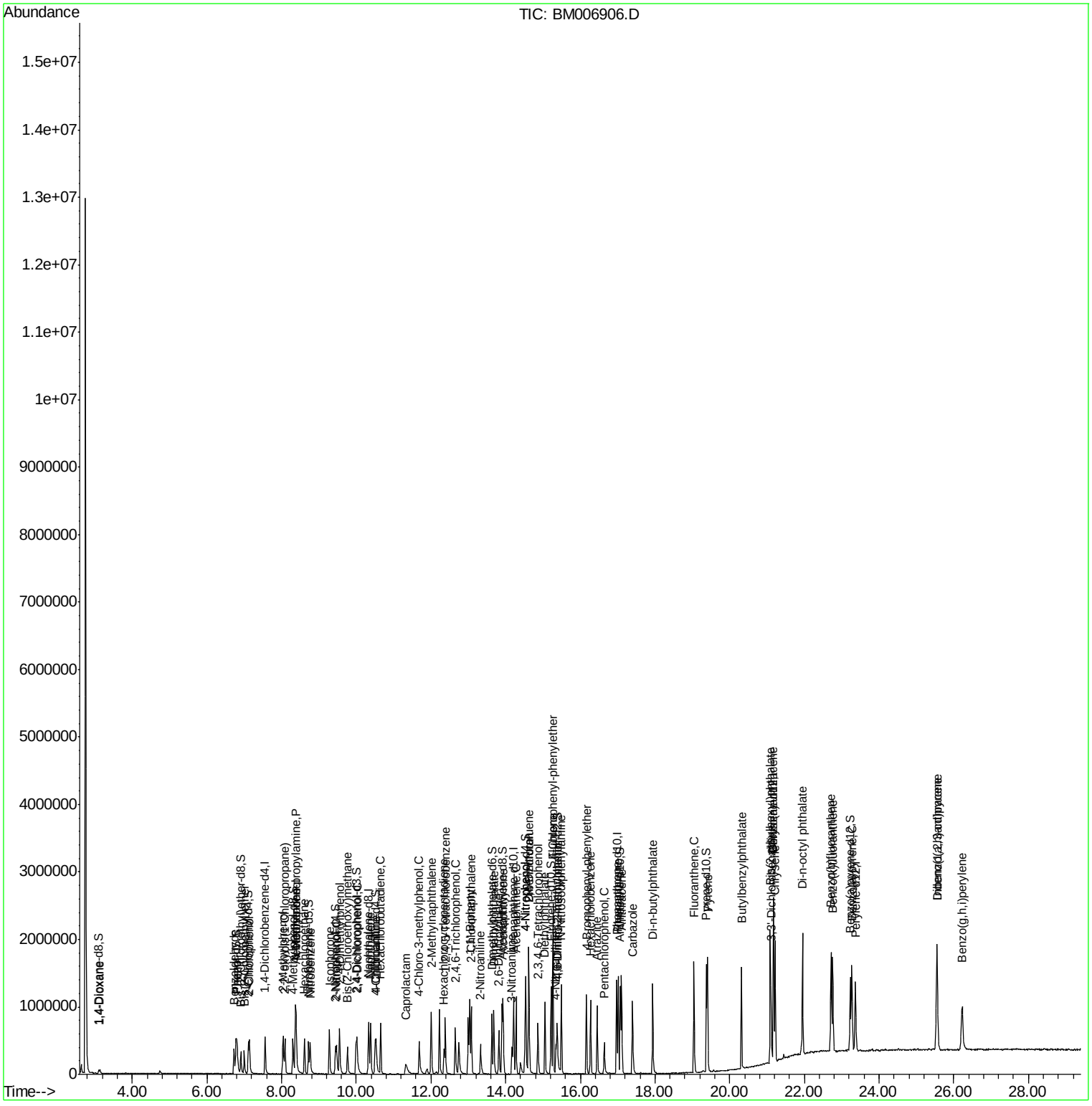
(#) = qualifier out of range (m) = manual integration (+) = signals summed

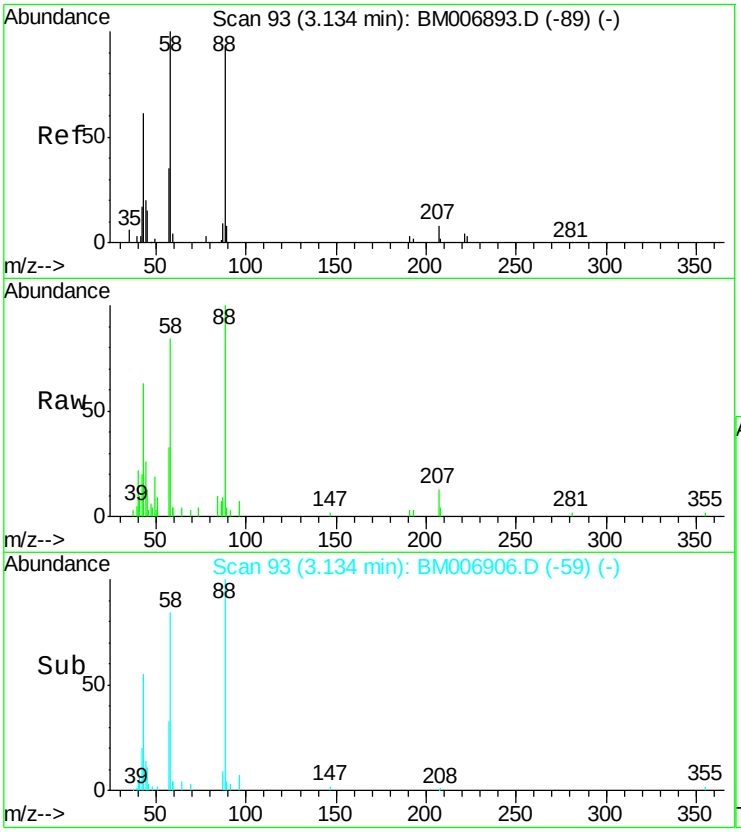
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006906.D
Acq On : 05 Aug 2016 18:51
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Quant Time: Aug 06 00:35:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration



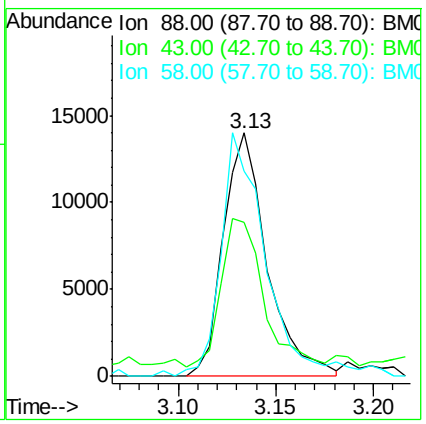


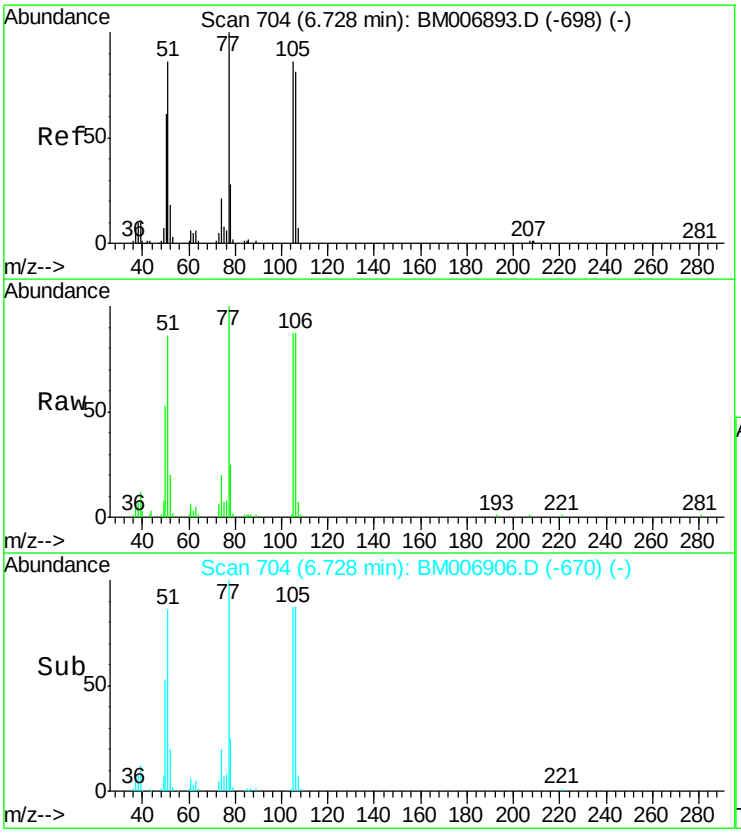
#2
1,4-Dioxane
Concen: 8.50 ng/uL
RT: 3.13 min Scan# 93
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion: 88 Resp: 21785

Ion	Ratio	Lower	Upper
88	100		
43	61.4	69.2	103.8#
58	98.4	85.2	127.8

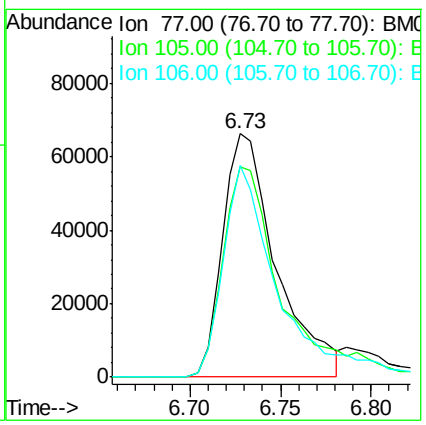


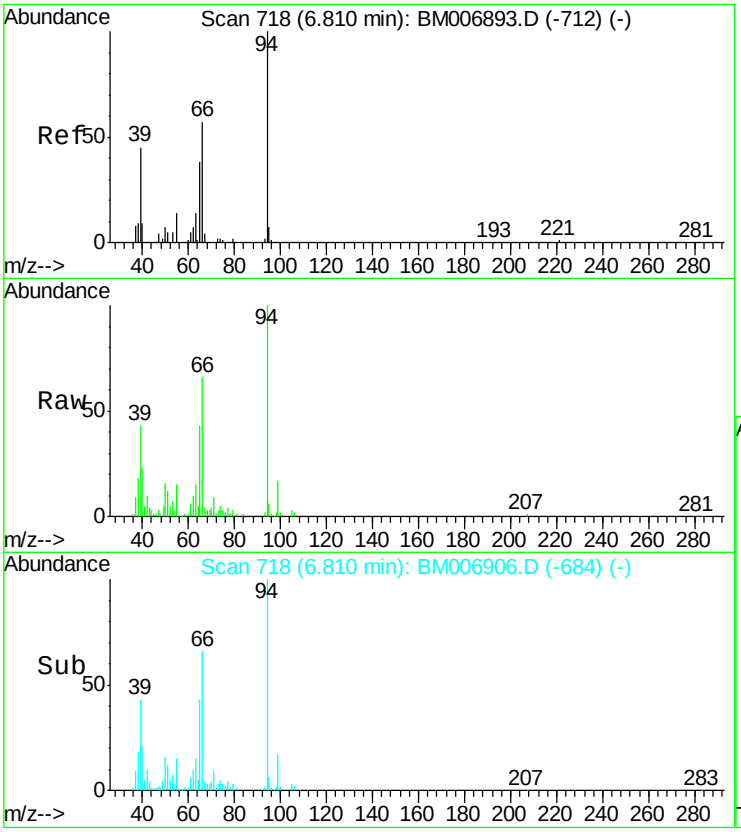


#4
Benzaldehyde
Concen: 21.79 ng/ul
RT: 6.73 min Scan# 704
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion: 77 Resp: 136529

Ion	Ratio	Lower	Upper
77	100		
105	86.6	67.7	101.5
106	86.8	60.7	91.1



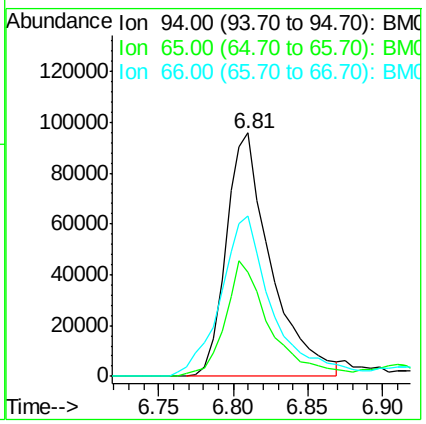


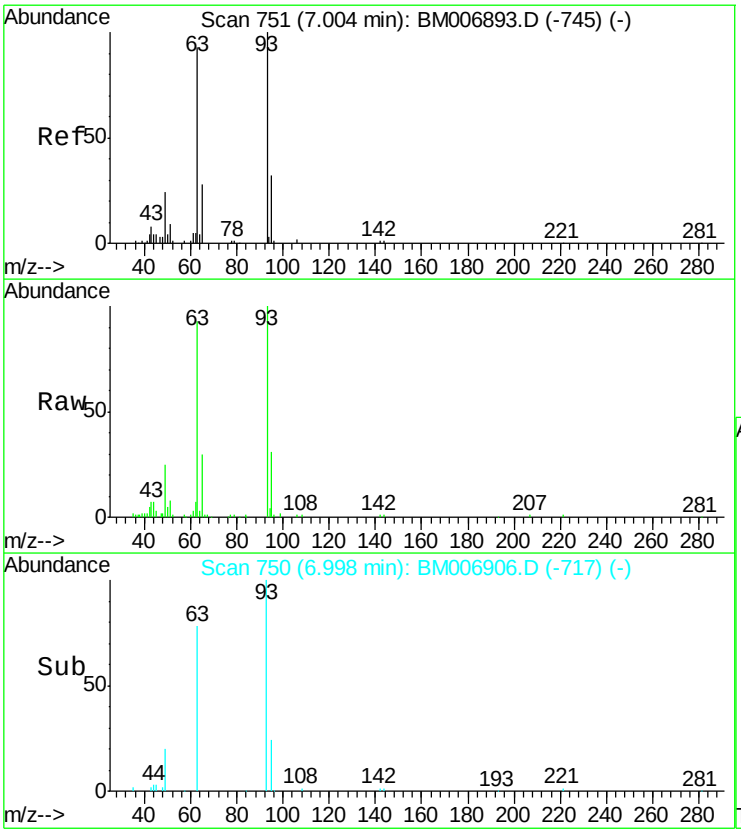
#6
Phenol
Concen: 20.23 ng/ul
RT: 6.81 min Scan# 718
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion: 94 Resp: 199797

Ion	Ratio	Lower	Upper
94	100		
65	43.0	39.3	58.9
66	66.0	60.7	91.1

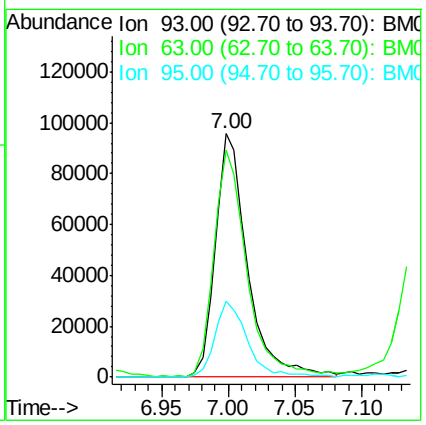


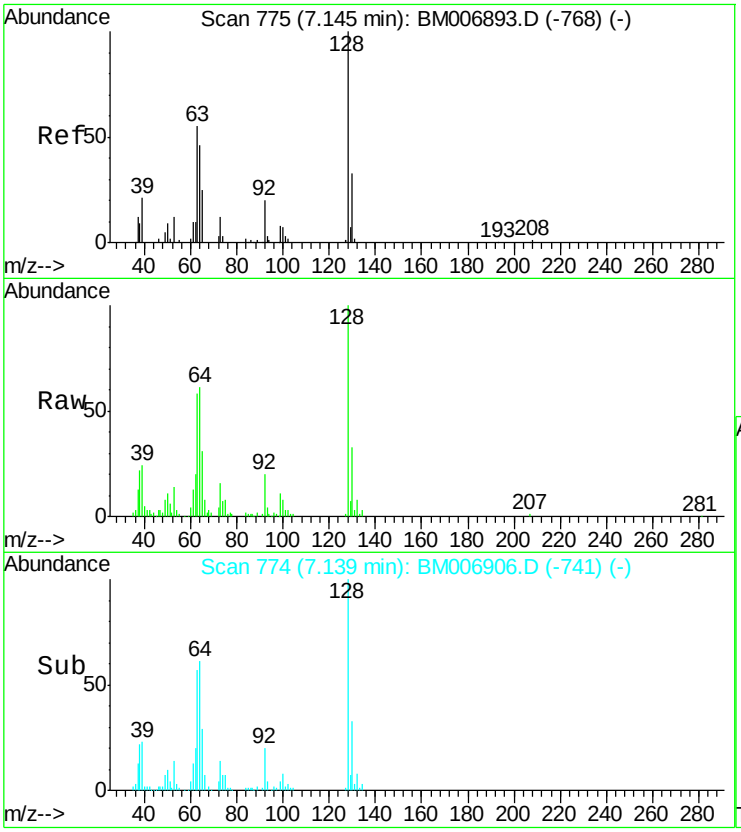


#8
Bis(2-Chloroethyl)ether
Concen: 22.92 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion: 93 Resp: 161659

Ion	Ratio	Lower	Upper
93	100		
63	93.0	76.9	115.3
95	31.3	28.2	42.2



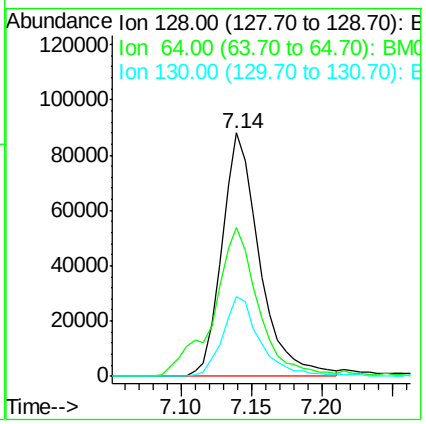


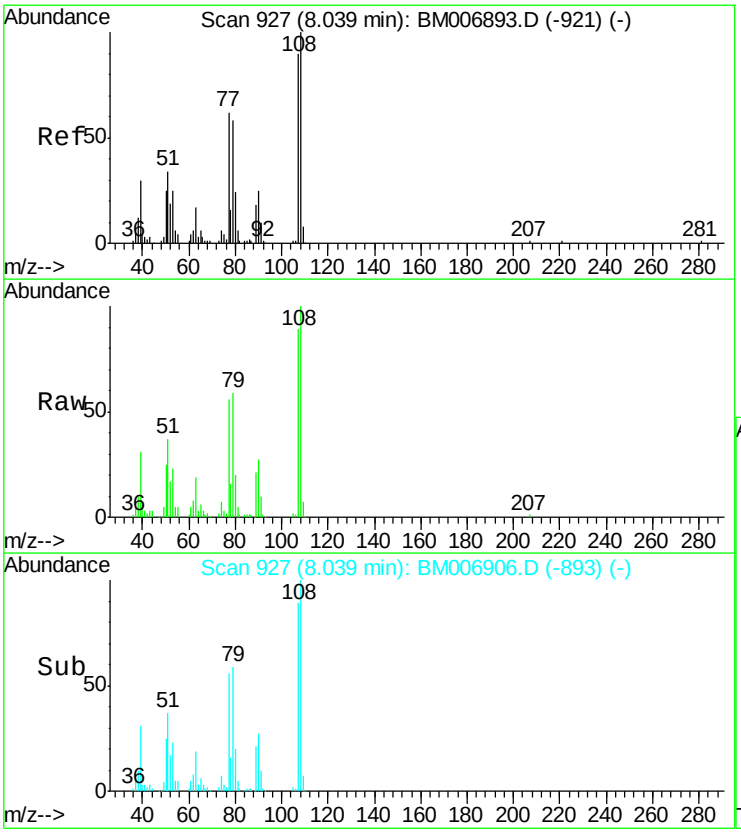
#10
2-Chlorophenol
Concen: 21.99 ng/ul
RT: 7.14 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:128 Resp: 163216

Ion	Ratio	Lower	Upper
128	100		
64	61.4	53.0	79.6
130	33.0	25.2	37.8

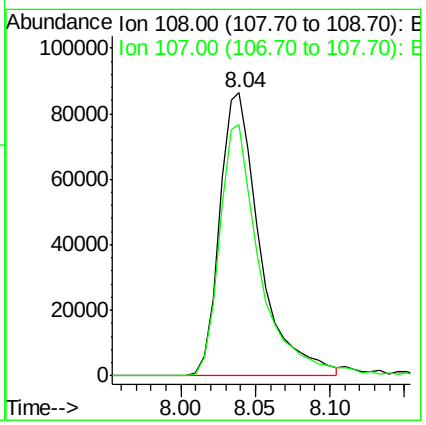


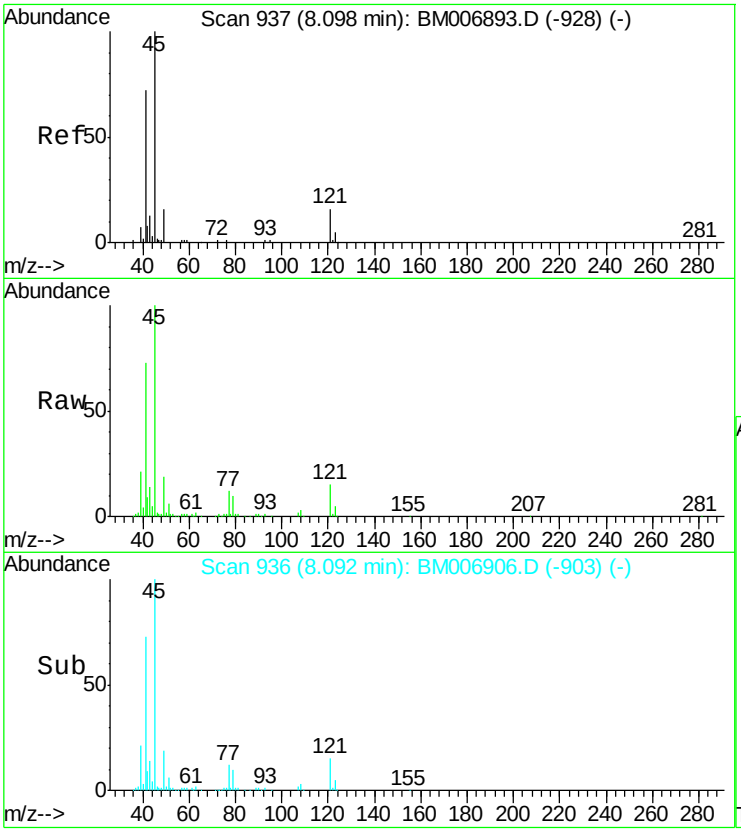


#11
2-Methylphenol
Concen: 21.41 ng/ul
RT: 8.04 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion:108 Resp: 163751

Ion	Ratio	Lower	Upper
108	100		
107	88.8	74.7	112.1



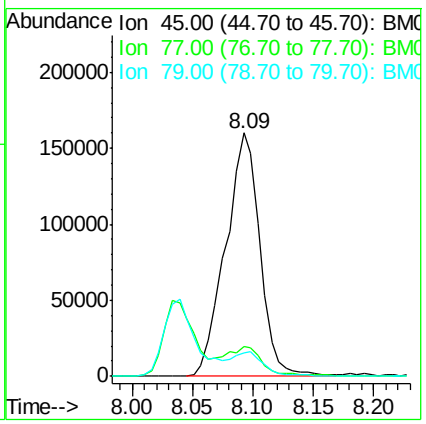


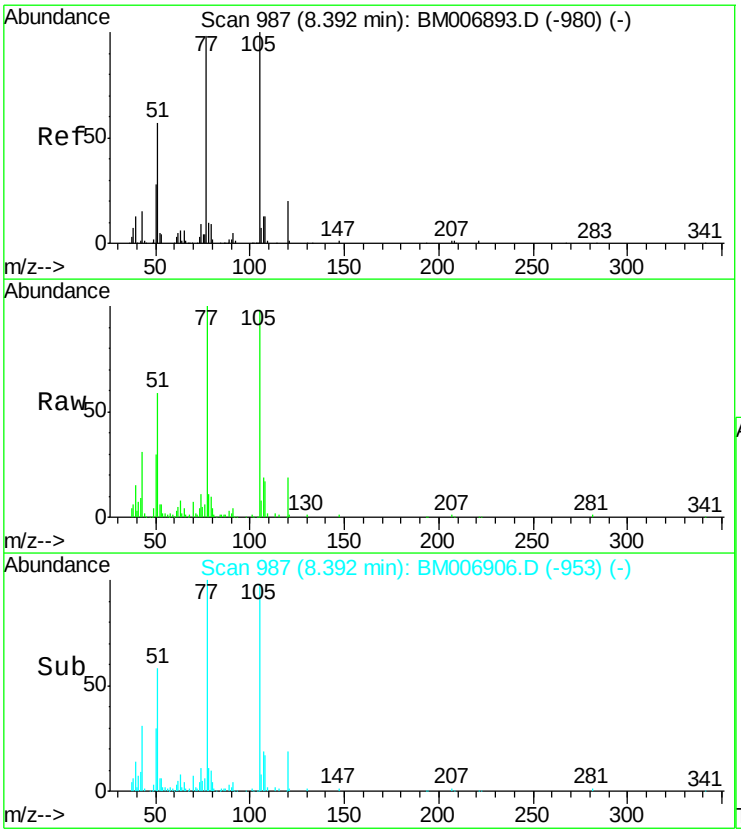
#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.38 ng/ul
RT: 8.09 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion: 45 Resp: 317427

Ion	Ratio	Lower	Upper
45	100		
77	12.2	11.0	16.6
79	9.8	7.9	11.9

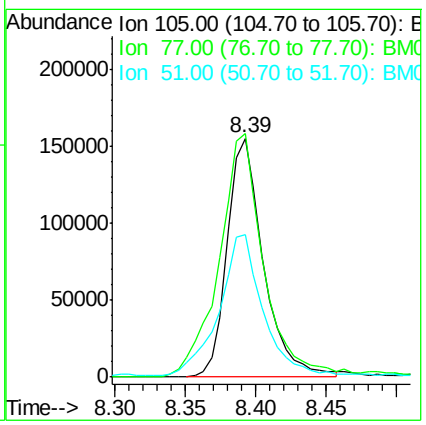


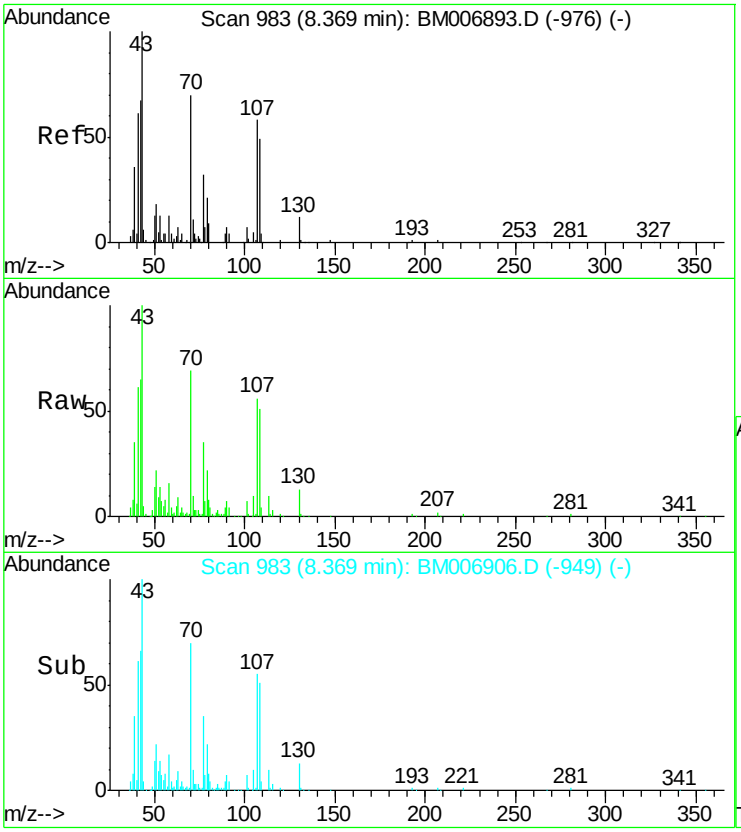


#14
Acetophenone
Concen: 20.70 ng/ul
RT: 8.39 min Scan# 987
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion:105 Resp: 278733

Ion	Ratio	Lower	Upper
105	100		
77	102.1	86.2	129.4
51	59.9	65.8	98.8#



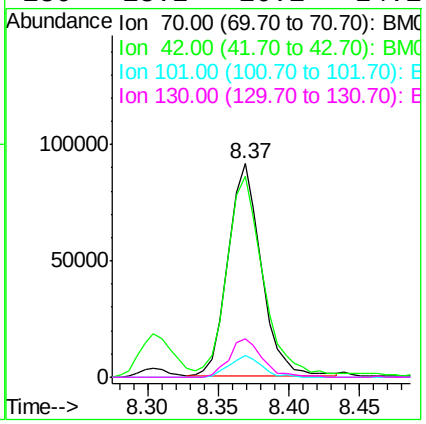


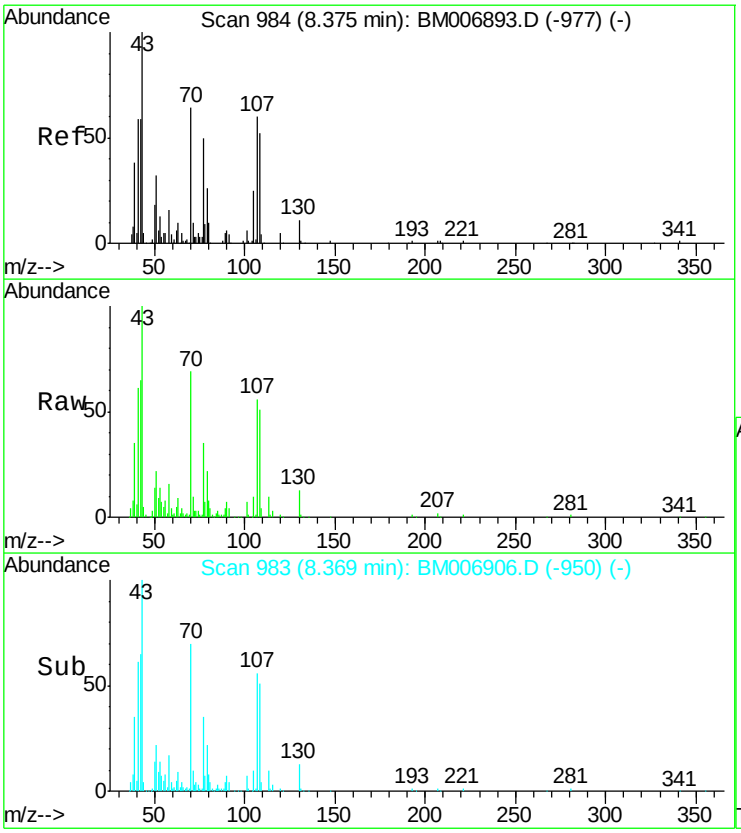
#15
N-Nitroso-di-n-propylamine
Concen: 22.39 ng/ul
RT: 8.37 min Scan# 983
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion: 70 Resp: 149213

Ion	Ratio	Lower	Upper
70	100		
42	94.3	85.3	127.9
101	10.4	9.8	14.6
130	18.2	16.1	24.1

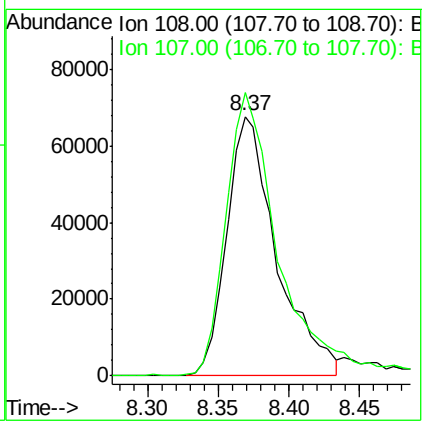


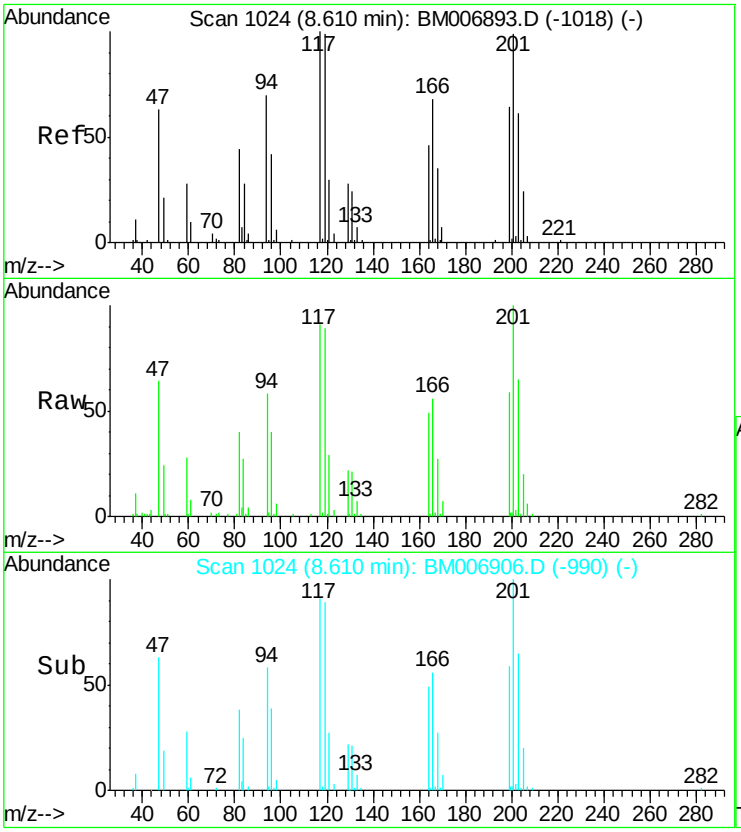


#16
4-Methylphenol
Concen: 20.06 ng/ul
RT: 8.37 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion:108 Resp: 167150

Ion	Ratio	Lower	Upper
108	100		
107	109.2	81.2	121.8



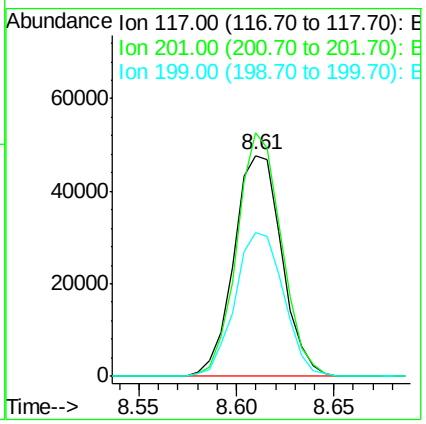


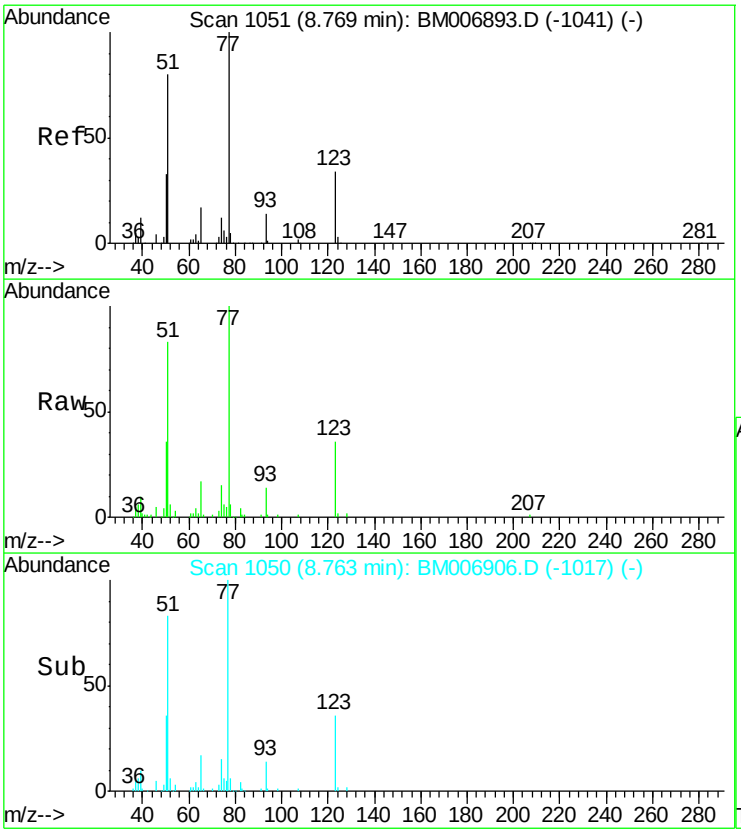
#17
Hexachloroethane
Concen: 21.00 ng/ul
RT: 8.61 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:117 Resp: 81233

Ion	Ratio	Lower	Upper
117	100		
201	110.2	105.8	158.6
199	66.9	63.9	95.9

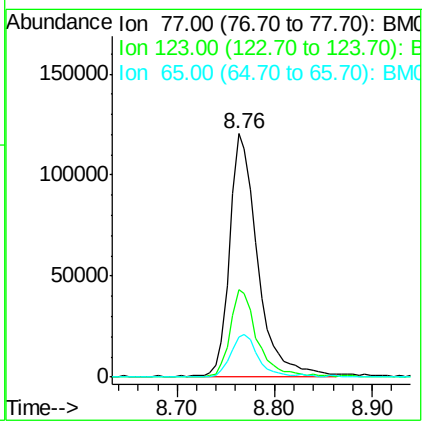


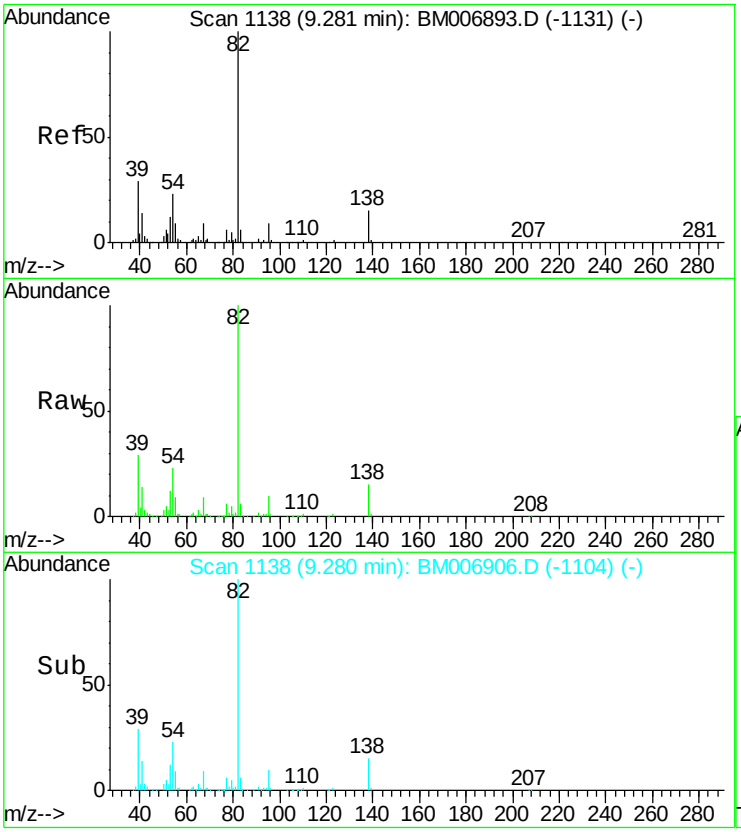


#20
Nitrobenzene
Concen: 20.98 ng/ul
RT: 8.76 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion: 77 Resp: 239600

Ion	Ratio	Lower	Upper
77	100		
123	35.9	26.7	40.1
65	16.7	17.1	25.7#



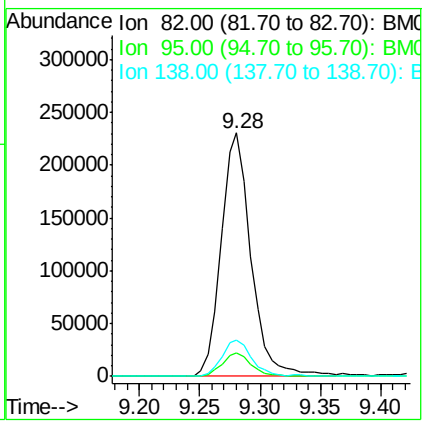


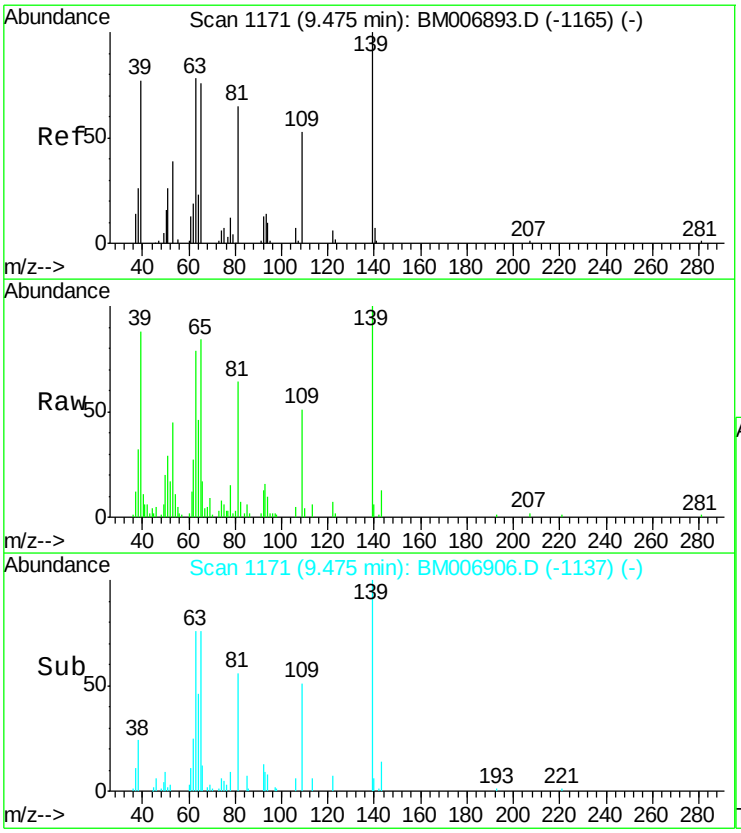
#21
Isophorone
Concen: 21.82 ng/ul
RT: 9.28 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion: 82 Resp: 393772

Ion	Ratio	Lower	Upper
82	100		
95	9.7	8.6	13.0
138	15.1	12.3	18.5

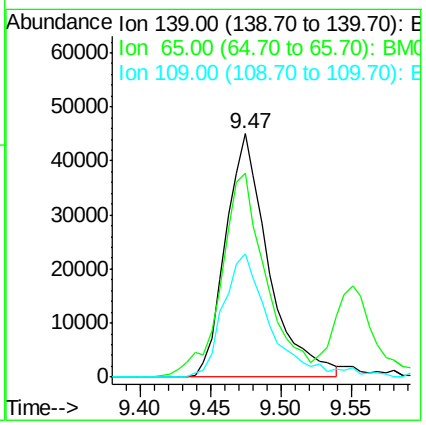


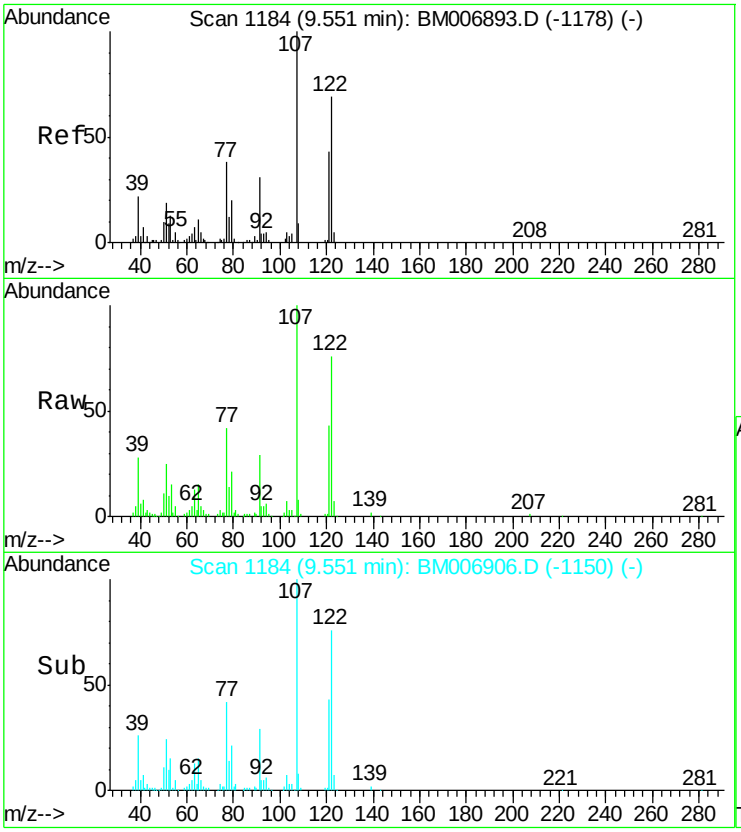


#23
2-Nitrophenol
Concen: 21.14 ng/ul
RT: 9.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion:139 Resp: 95259

Ion	Ratio	Lower	Upper
139	100		
65	83.8	65.4	98.0
109	50.6	47.1	70.7



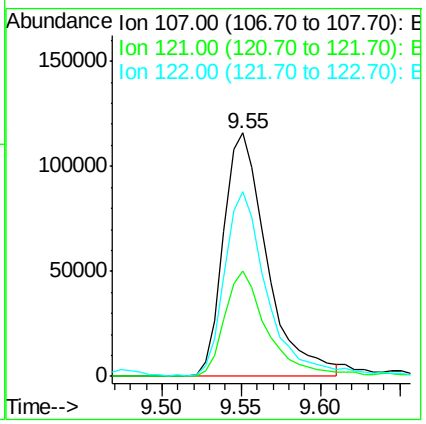


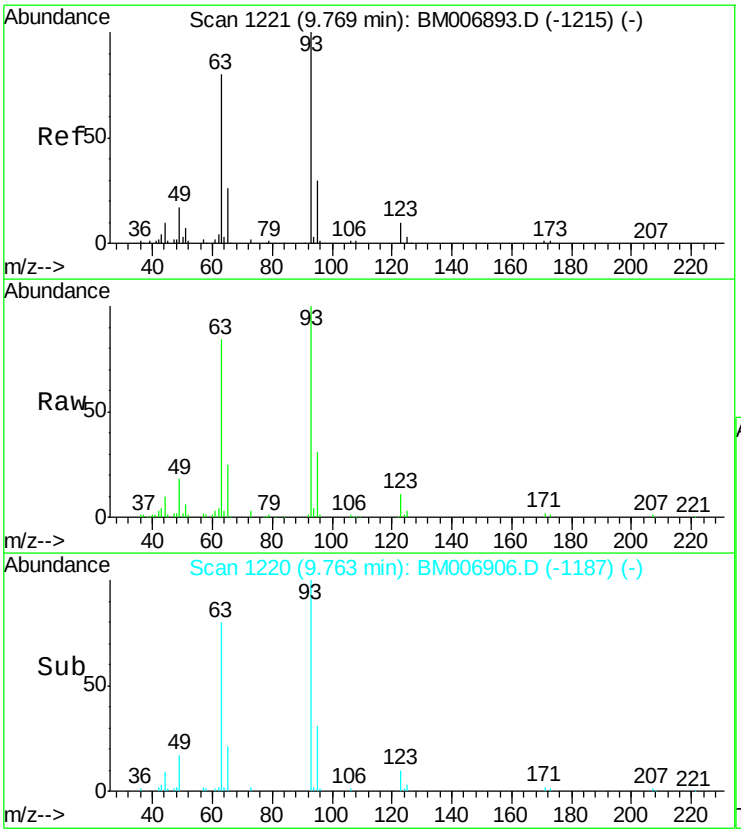
#24
2,4-Dimethylphenol
Concen: 19.81 ng/ul
RT: 9.55 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:107 Resp: 220894

Ion	Ratio	Lower	Upper
107	100		
121	43.1	34.6	51.8
122	75.9	54.1	81.1

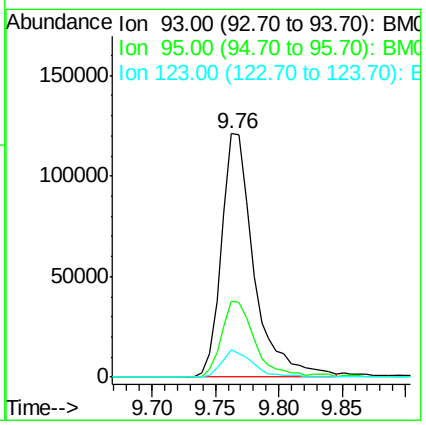


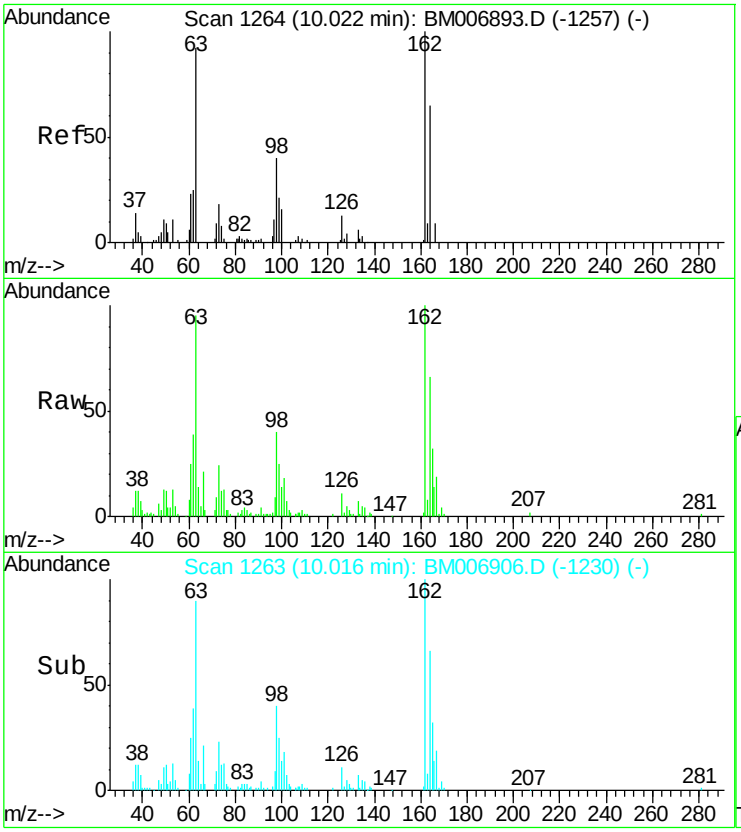


#25
Bis(2-Chloroethoxy)methane
Concen: 22.07 ng/ul
RT: 9.76 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion: 93 Resp: 216036

Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.4	39.6
123	11.4	8.7	13.1



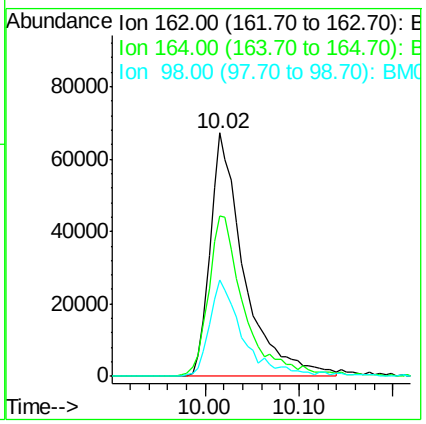


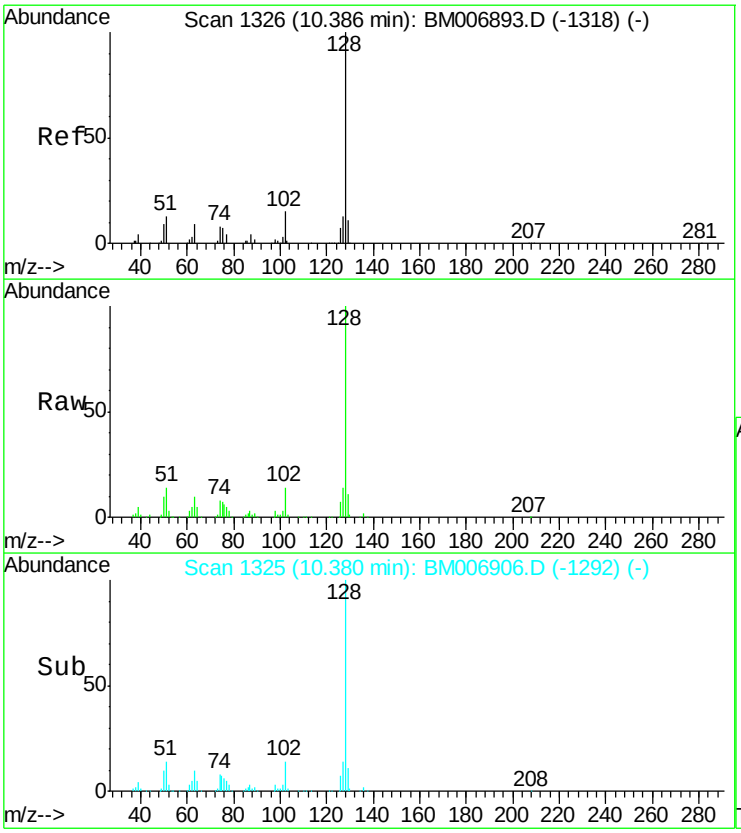
#27
2,4-Dichlorophenol
Concen: 19.99 ng/ul
RT: 10.02 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:162 Resp: 169509

Ion	Ratio	Lower	Upper
162	100		
164	65.9	60.4	90.6
98	39.6	26.6	39.8

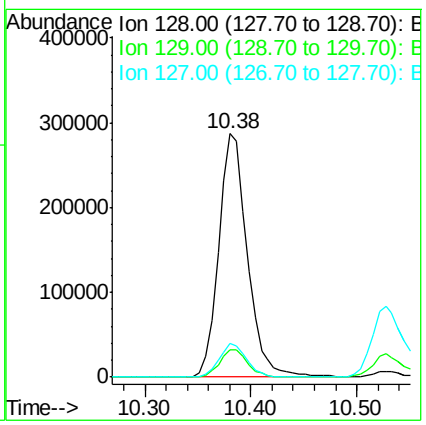


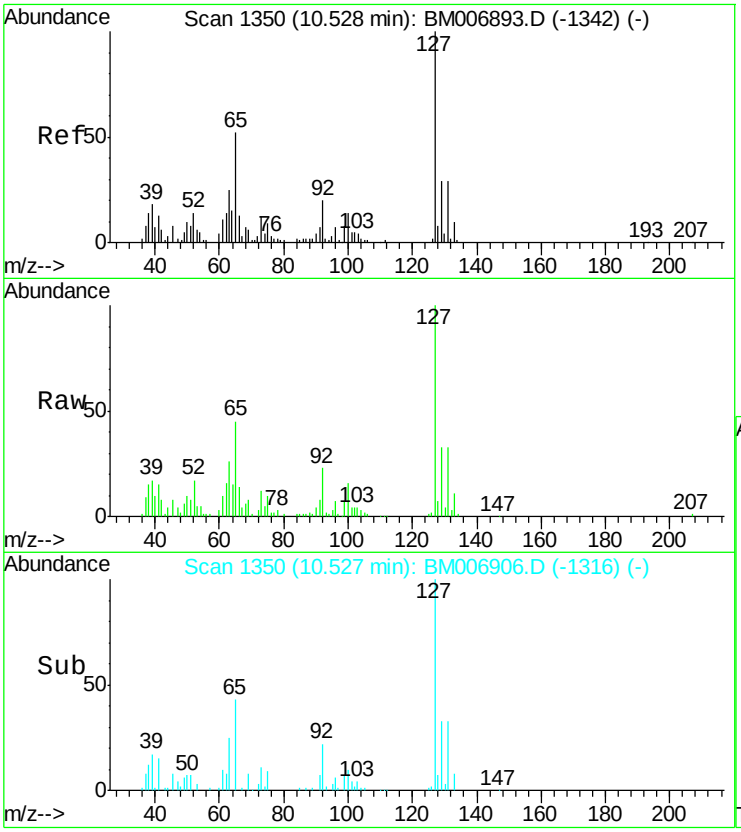


#28
Naphthalene
Concen: 20.45 ng/ul
RT: 10.38 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion:128 Resp: 538093

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.6	11.7	17.5



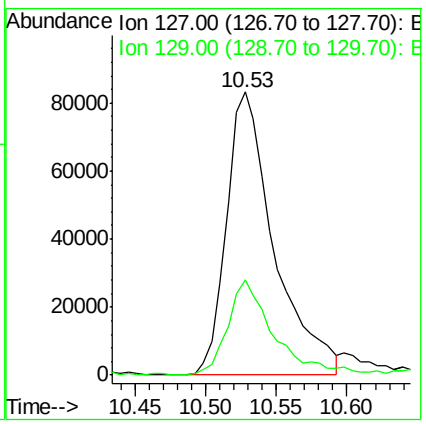


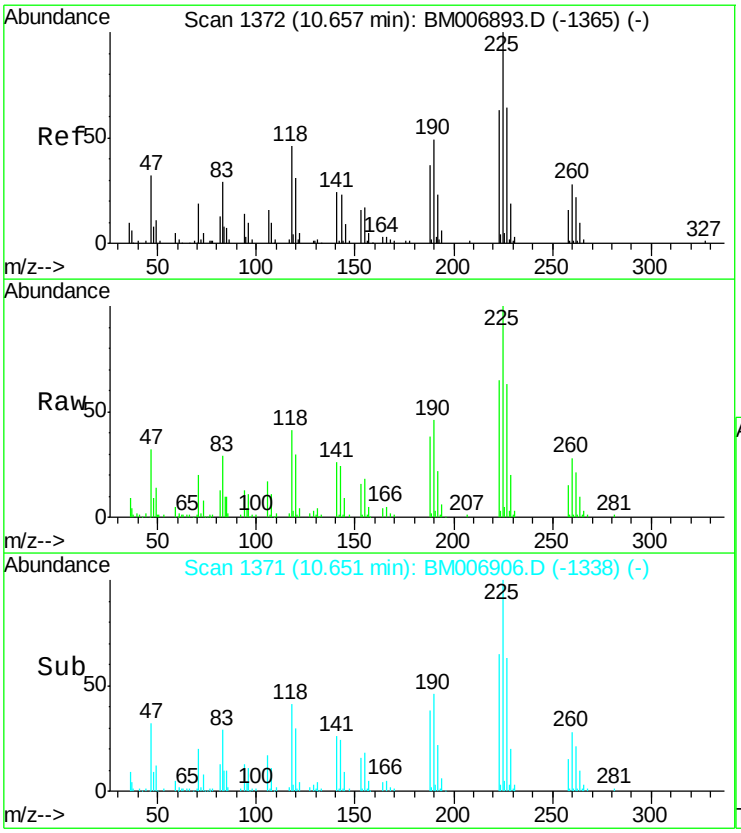
#30
4-Chloroaniline
Concen: 21.10 ng/ul
RT: 10.53 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:127 Resp: 196081

Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.2	37.8

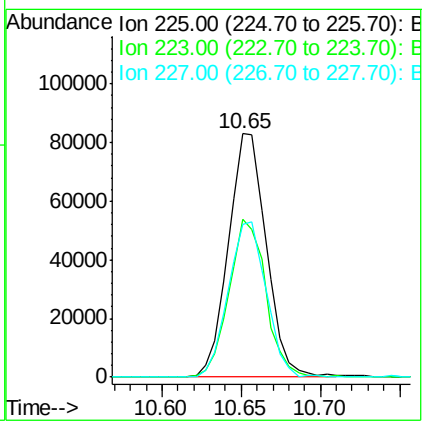


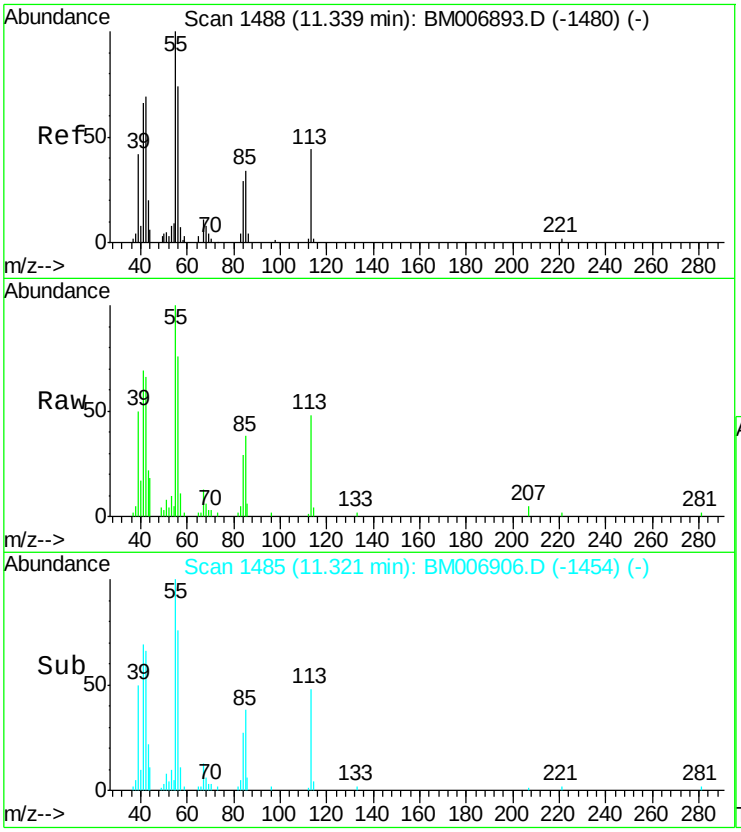


#31
Hexachlorobutadiene
Concen: 17.26 ng/ul
RT: 10.65 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion:225 Resp: 137765

Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.1	72.1
227	62.8	49.5	74.3



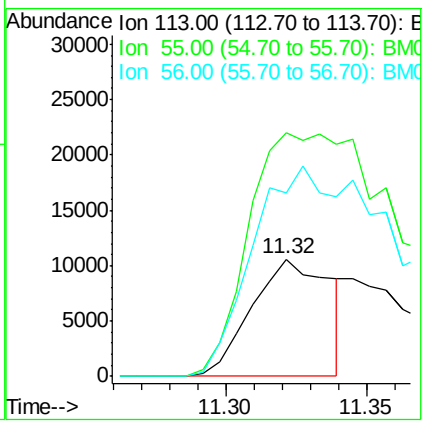


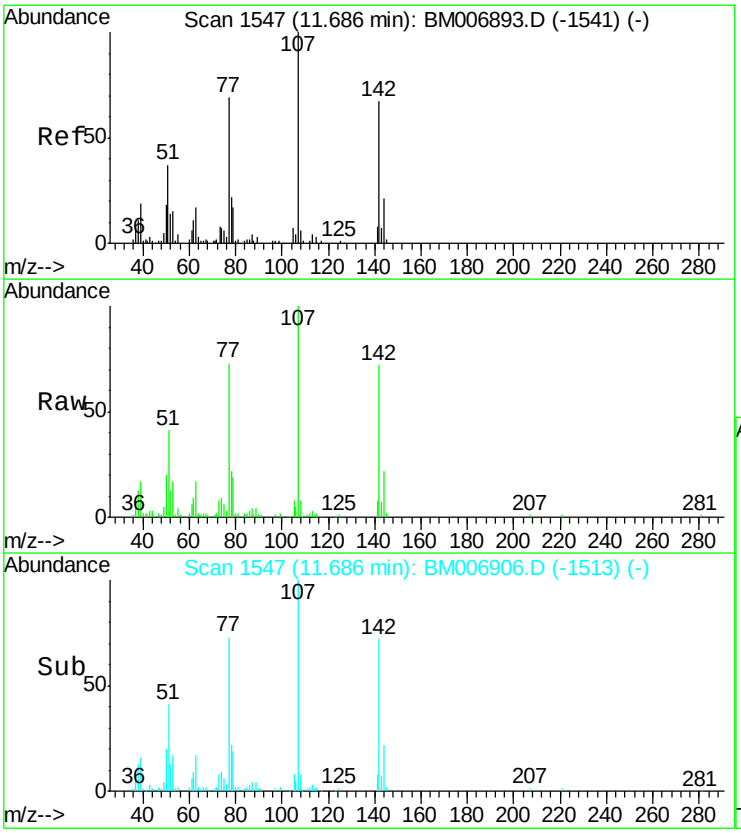
#32
Caprolactam
Concen: 8.56 ng/ul
RT: 11.32 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:113 Resp: 20496

Ion	Ratio	Lower	Upper
113	100		
55	208.2	179.1	268.7
56	157.3	144.6	217.0

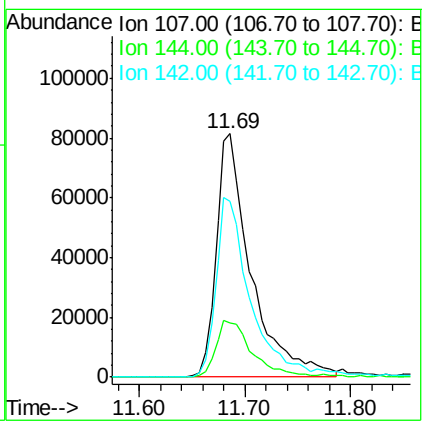


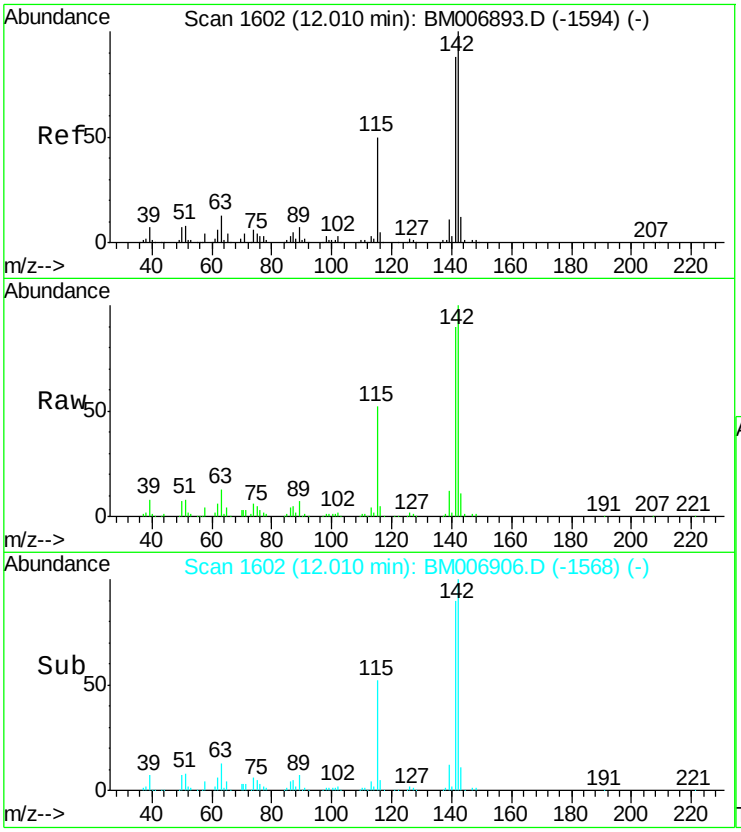


#33
4-Chloro-3-methylphenol
Concen: 19.74 ng/ul
RT: 11.69 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion:107 Resp: 185918

Ion	Ratio	Lower	Upper
107	100		
144	22.3	18.3	27.5
142	72.3	57.1	85.7



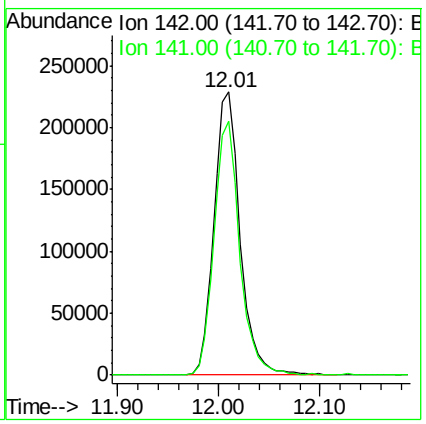


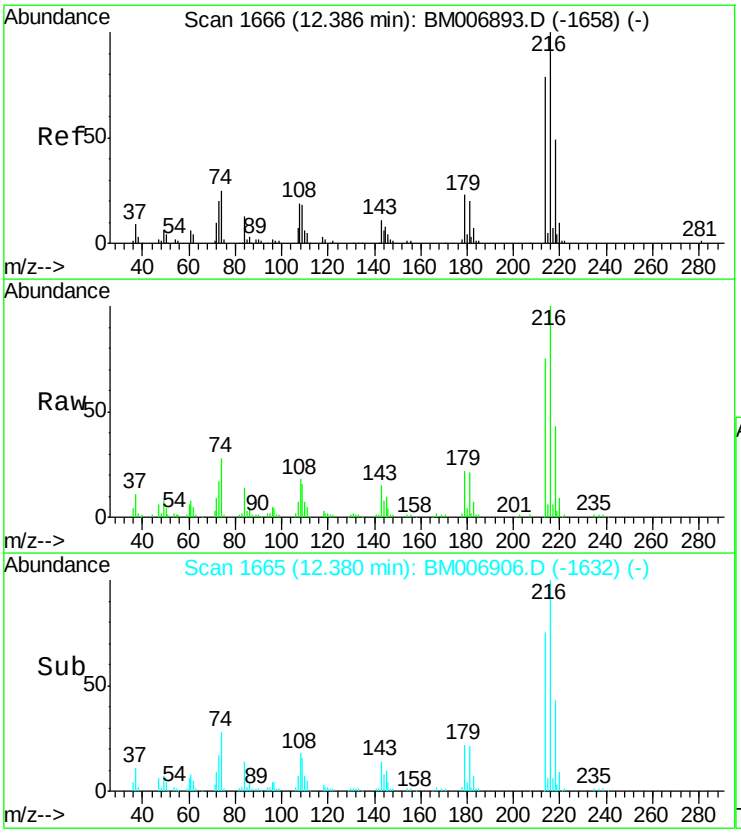
#34
2-Methylnaphthalene
Concen: 19.28 ng/ul
RT: 12.01 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:142 Resp: 408854

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9





#36
1,2,4,5-Tetrachlorobenzene
Concen: 18.96 ng/ul
RT: 12.38 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM006906.D
Acq: 05 Aug 2016 18:51

Tgt Ion:216 Resp: 239989

Ion	Ratio	Lower	Upper
216	100		
214	74.6	56.5	84.7
179	22.2	16.3	24.5
108	17.9	17.5	26.3