Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
Data File : BM007788.D
Acq On : 08 Nov 2016 01:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Quant Time: Nov 08 03:30:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 03:28:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	177788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	677081	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	434665	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	856148	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1072257	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1087501	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	33607	8.10	ng/uL	0.00
5) Phenol-d5	6.92	99	278616	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	168490	20.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	220414	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	213880	19.92	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	100754	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	112188	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	217124	21.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	258189	22.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	612556	20.70	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	749483	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	92378	19.74	ng/ul	0.00
57) Fluorene-d10	15.37	176	529718	20.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	94834	18.64	ng/ul	0.00
70) Anthracene-d10	17.22	188	814728	21.12	ng/ul	0.00
76) Pyrene-d10	19.52	212	926708	21.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	993013	20.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	36281	8.00	ng/uL	98
4) Benzaldehyde	6.90	77	192735	22.21	ng/ul	98
6) Phenol	6.95	94	281703	20.00	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	221828	20.44	ng/ul	98
10) 2-Chlorophenol	7.31	128	223858	20.73	ng/ul	95
11) 2-Methylphenol	8.19	108	205001	19.99	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	248747	20.68	ng/ul	98
14) Acetophenone	8.56	105	343794	20.42	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	175088	20.96	ng/ul	96
16) 4-Methylphenol	8.51	108	220889	20.00	ng/ul	96
17) Hexachloroethane	8.81	117	100042	20.97	ng/ul	98
20) Nitrobenzene	8.94	77	267739	21.36	ng/ul	97
21) Isophorone	9.46	82	452634	21.11	ng/ul	99
23) 2-Nitrophenol	9.65	139	116084	21.51	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	262687	21.33	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	270529	20.63	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	212449	21.24	ng/ul	99
28) Naphthalene	10.57	128	680198	20.65	ng/ul	100
30) 4-Chloroaniline	10.69	127	263128	22.37	ng/ul	98
31) Hexachlorobutadiene	10.85	225	173175	21.25	ng/ul	98
32) Caprolactam	11.47	113	53087	19.14	ng/ul	95
33) 4-Chloro-3-methylphenol	11.82	107	223826	21.34	ng/ul	92
34) 2-Methylnaphthalene	12.19	142	483490	20.64	ng/ul	100

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
Data File : BM007788.D
Acq On : 08 Nov 2016 01:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Quant Time: Nov 08 03:30:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 03:28:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	293887	20.94 ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	131302	15.89 ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	165380	21.19 ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	177646	20.78 ng/ul	98
40) 1,1'-Biphenyl	13.20	154	633469	20.67 ng/ul	100
41) 2-Chloronaphthalene	13.25	162	486448	20.75 ng/ul	99
42) 2-Nitroaniline	13.46	65	134991	21.70 ng/ul	96
44) Dimethylphthalate	13.84	163	585229	20.36 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	113591	21.01 ng/ul	88
47) Acenaphthylene	14.10	152	749373	20.75 ng/ul	99
48) 3-Nitroaniline	14.30	138	114001	21.32 ng/ul	97
49) Acenaphthene	14.44	153	514486	20.64 ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	54813	16.46 ng/ul#	87
52) 4-Nitrophenol	14.61	109	88217	19.01 ng/ul	98
53) Dibenzofuran	14.77	168	740006	20.68 ng/ul	96
54) 2,4-Dinitrotoluene	14.76	165	167851	21.52 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.01	232	158254	20.76 ng/ul	97
56) Diethylphthalate	15.20	149	582829	20.48 ng/ul	98
58) Fluorene	15.43	166	599461	20.98 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	314219	20.63 ng/ul	97
60) 4-Nitroaniline	15.46	138	111428	20.67 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.52	198	97673	18.59 ng/ul#	98
64) N-Nitrosodiphenylamine	15.64	169	510986	20.88 ng/ul	98
65) 4-Bromophenyl-phenylether	16.32	248	199483	20.43 ng/ul	98
66) Hexachlorobenzene	16.43	284	222845	20.60 ng/ul	96
67) Atrazine	16.59	200	192538	20.42 ng/ul	97
68) Pentachlorophenol	16.78	266	115627	19.07 ng/ul	97
69) Phenanthrene	17.17	178	929694	20.43 ng/ul	99
71) Anthracene	17.26	178	957140	20.65 ng/ul	100
72) Carbazole	17.53	167	833440	20.77 ng/ul	99
73) Di-n-butylphthalate	18.09	149	956405	21.41 ng/ul	99
74) Fluoranthene	19.19	202	1103434	20.73 ng/ul	99
77) Pyrene	19.55	202	1155724	20.86 ng/ul	99
78) Butylbenzylphthalate	20.44	149	425117	21.57 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.23	252	406504	21.35 ng/ul	99
80) Benzo(a)anthracene	21.30	228	1188887	20.75 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.22	149	631955	21.77 ng/ul	100
82) Chrysene	21.35	228	1150874	20.90 ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1129341	20.48 ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	1286435	20.71 ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	1182093	20.68 ng/ul	99
88) Benzo(a)pyrene	23.46	252	1226436	20.96 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.83	276	1497497	21.36 ng/ul	99
90) Dibenzo(a,h)anthracene	25.84	278	1262992	21.36 ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1254120	21.30 ng/ul	98

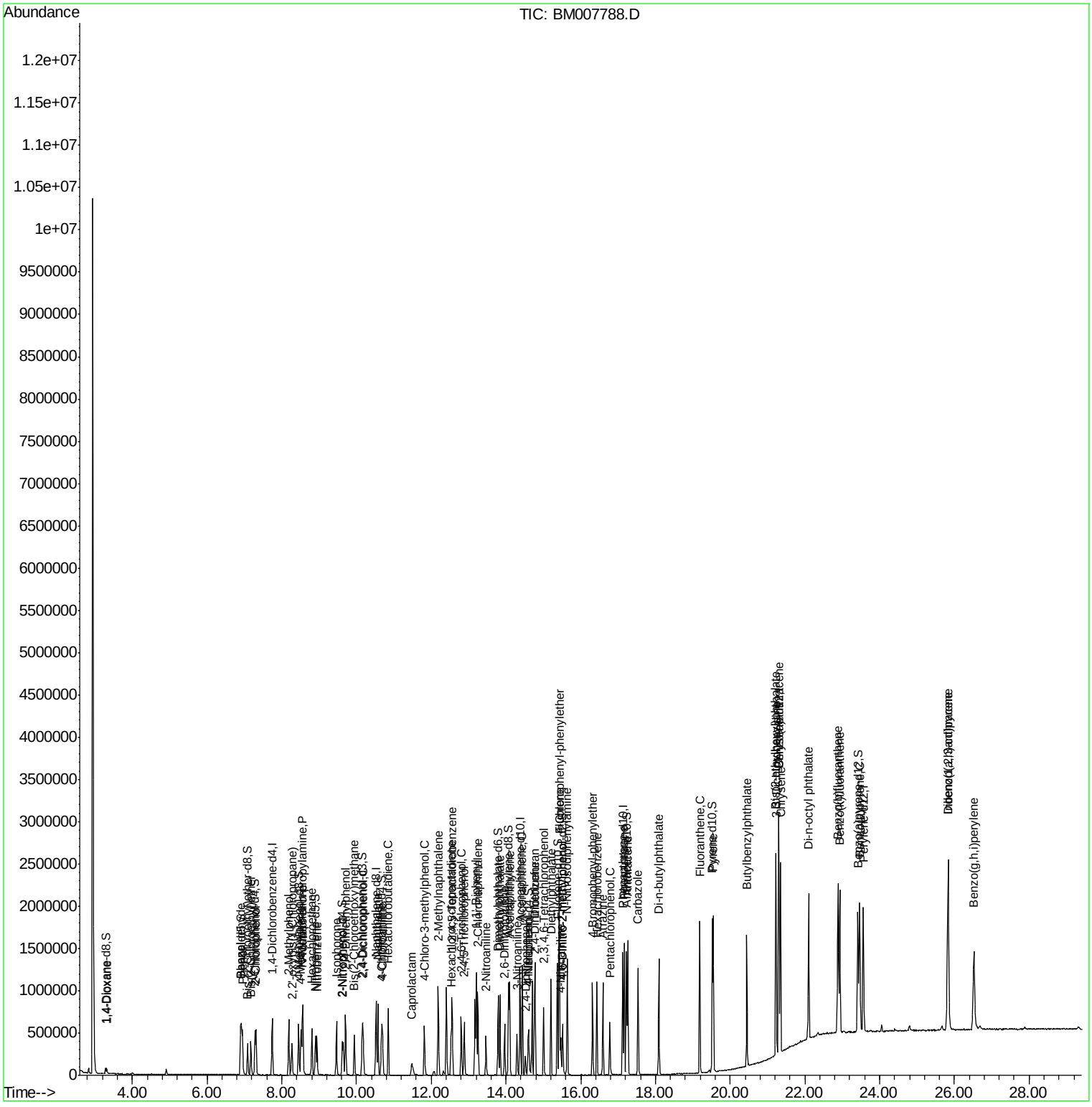
(#) = qualifier out of range (m) = manual integration (+) = signals summed

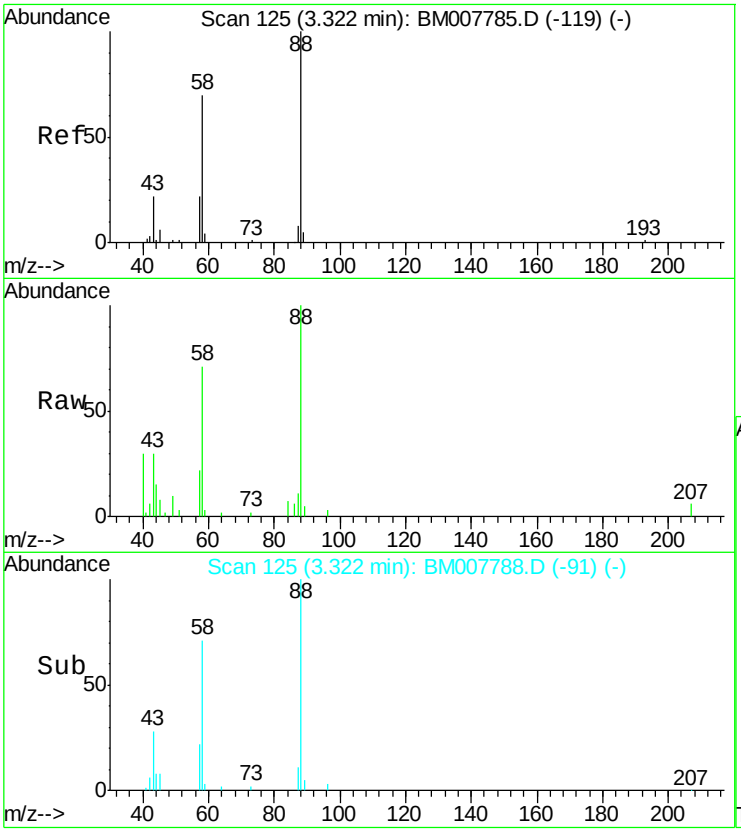
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110716\
Data File : BM007788.D
Acq On : 08 Nov 2016 01:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Quant Time: Nov 08 03:30:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 03:28:55 2016
Response via : Initial Calibration



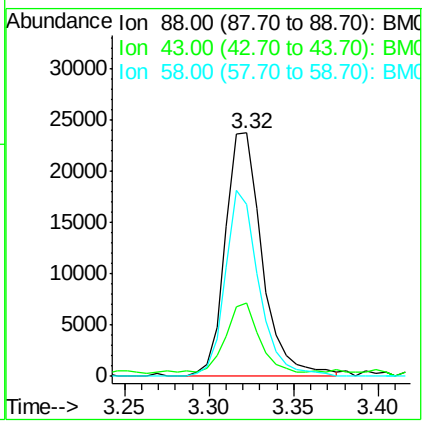


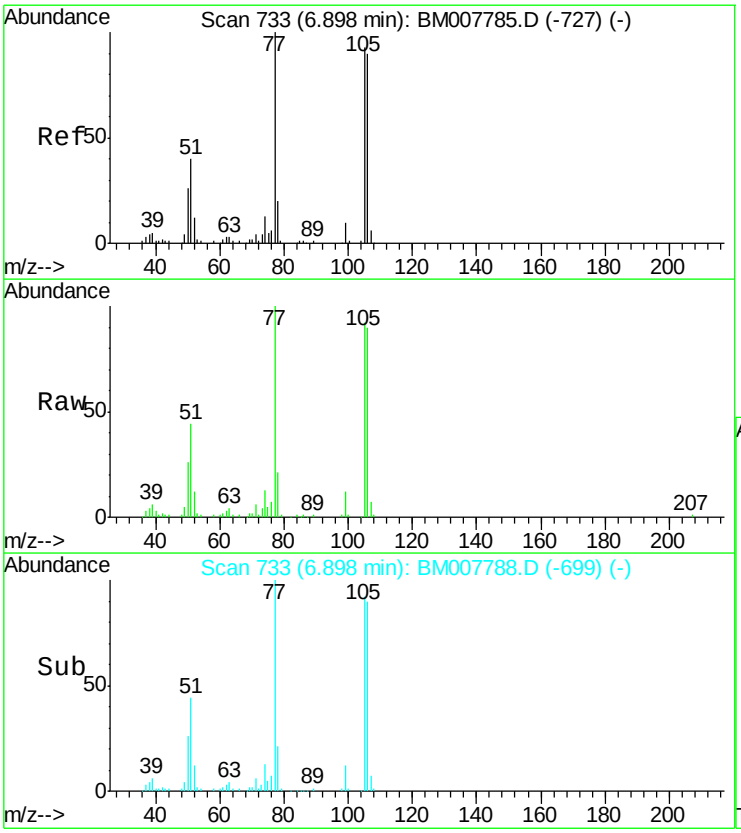
#2
1,4-Dioxane
Concen: 8.00 ng/uL
RT: 3.32 min Scan# 125
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion: 88 Resp: 36281

Ion	Ratio	Lower	Upper
88	100		
43	29.1	22.6	34.0
58	69.4	57.3	85.9

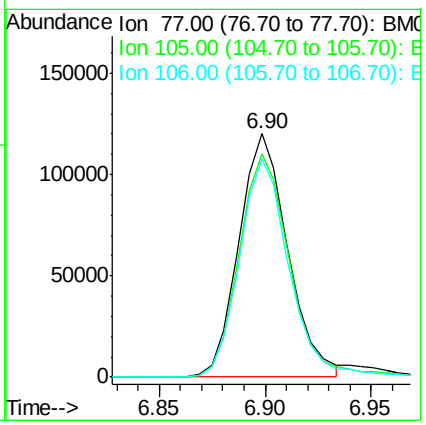


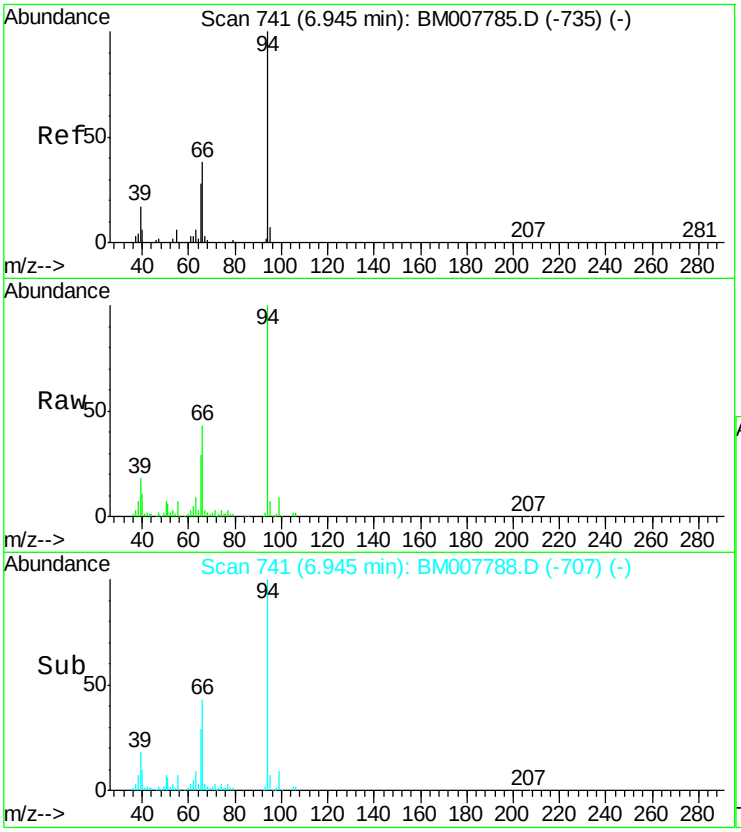


#4
Benzaldehyde
Concen: 22.21 ng/ul
RT: 6.90 min Scan# 733
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion: 77 Resp: 192735

Ion	Ratio	Lower	Upper
77	100		
105	91.8	76.9	115.3
106	89.6	71.8	107.8



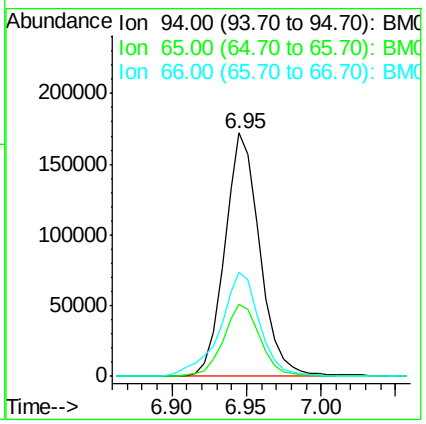


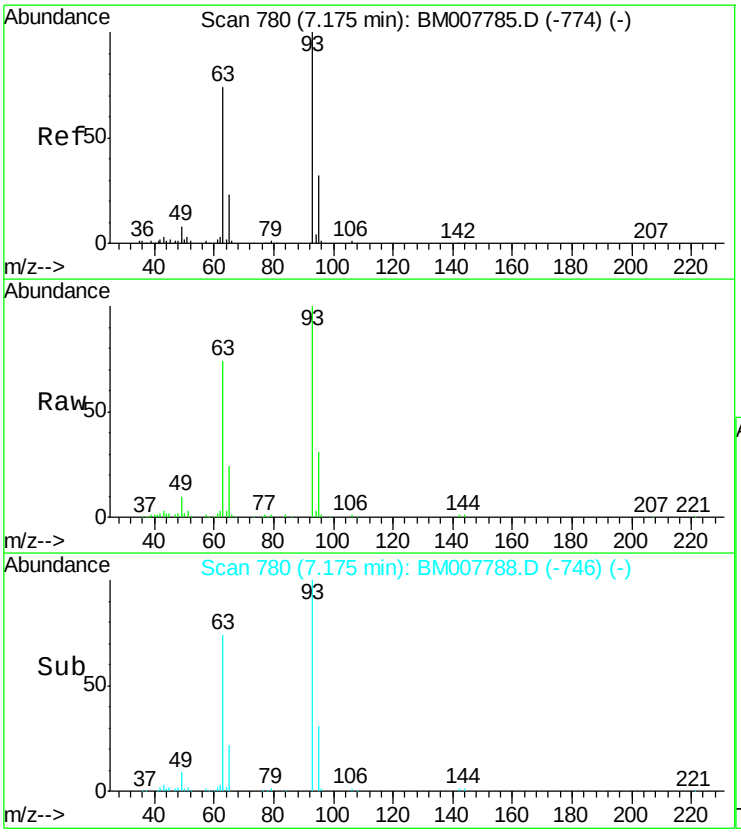
#6
Phenol
Concen: 20.00 ng/ul
RT: 6.95 min Scan# 741
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion: 94 Resp: 281703

Ion	Ratio	Lower	Upper
94	100		
65	29.5	23.9	35.9
66	42.5	33.5	50.3

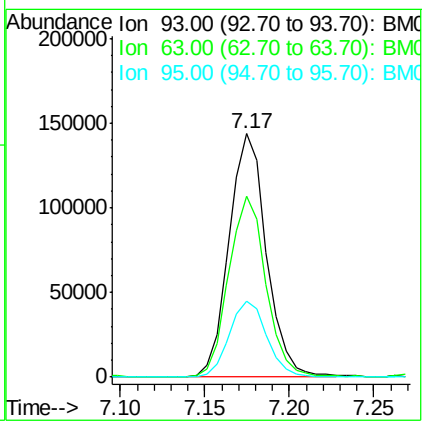


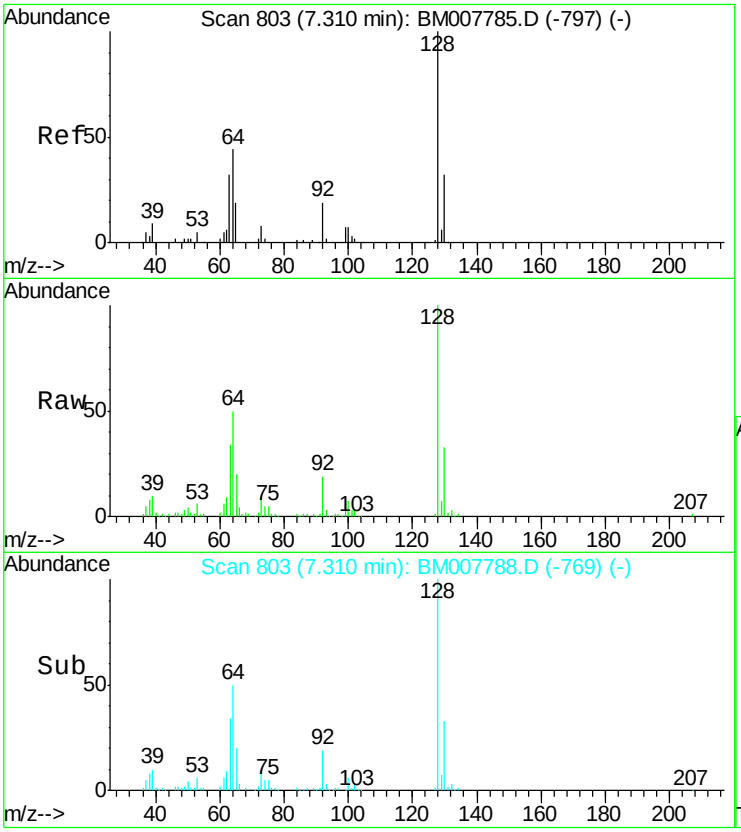


#8
Bis(2-Chloroethyl)ether
Concen: 20.44 ng/ul
RT: 7.17 min Scan# 780
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion: 93 Resp: 221828

Ion	Ratio	Lower	Upper
93	100		
63	74.2	57.3	85.9
95	31.3	25.1	37.7



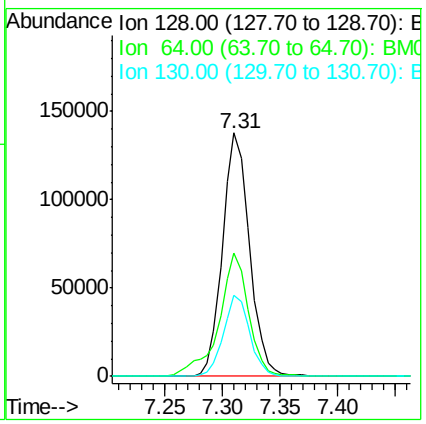


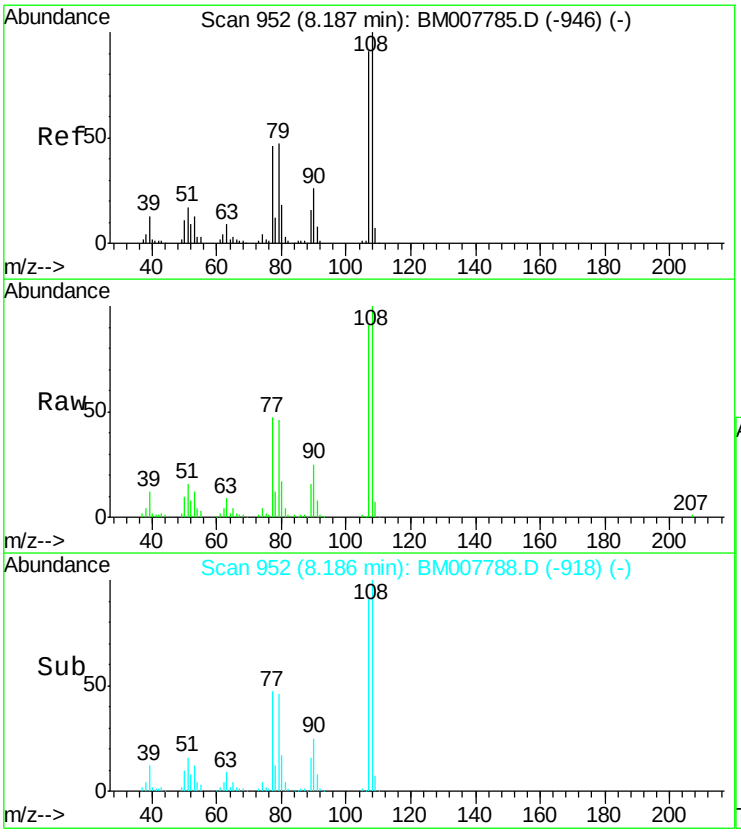
#10
2-Chlorophenol
Concen: 20.73 ng/ul
RT: 7.31 min Scan# 803
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion:128 Resp: 223858

Ion	Ratio	Lower	Upper
128	100		
64	50.4	37.5	56.3
130	33.3	25.0	37.4

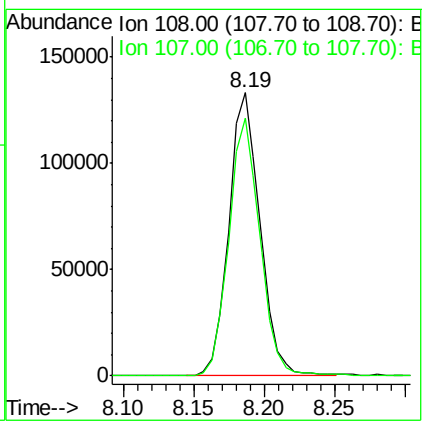


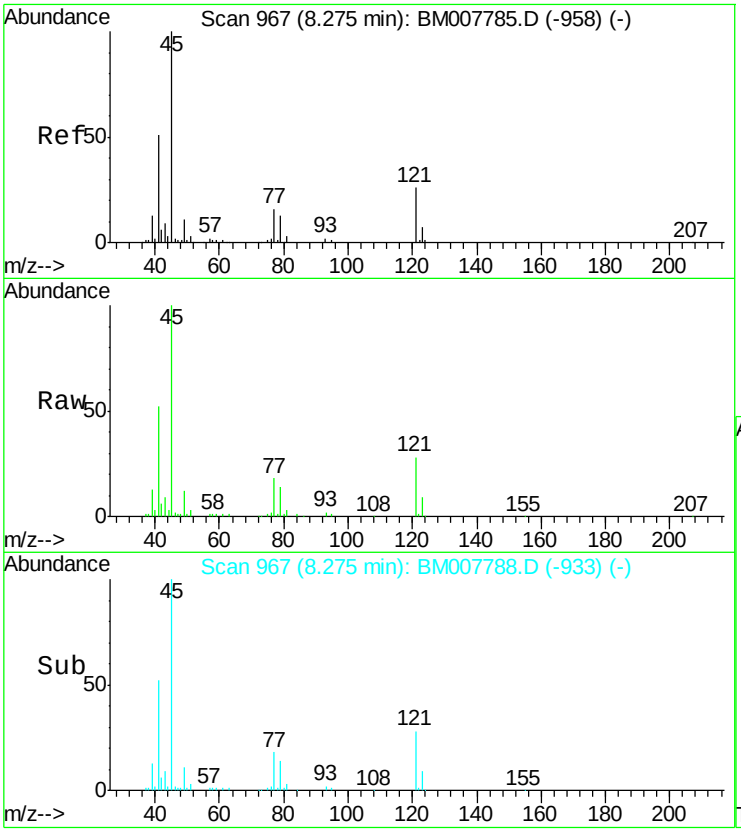


#11
2-Methylphenol
Concen: 19.99 ng/ul
RT: 8.19 min Scan# 952
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:108 Resp: 205001

Ion	Ratio	Lower	Upper
108	100		
107	91.1	71.8	107.6



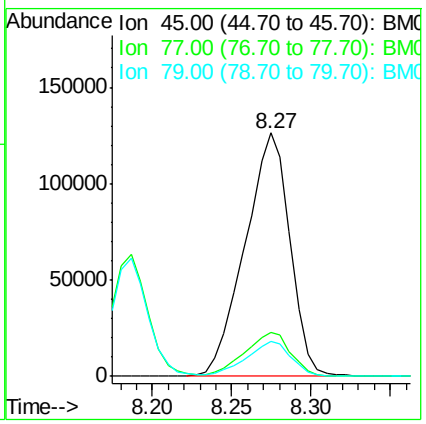


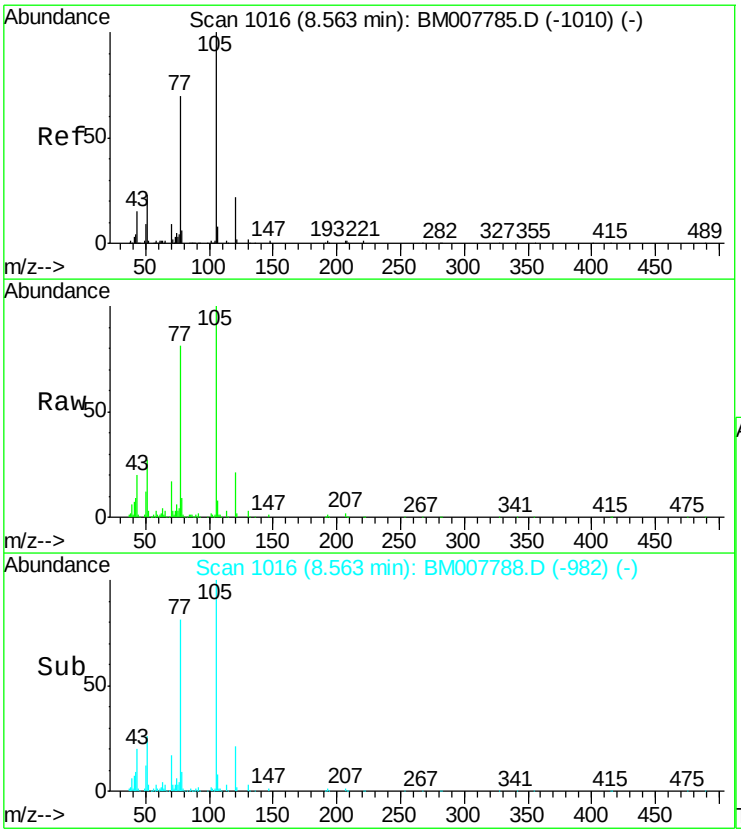
#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.68 ng/ul
RT: 8.27 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion: 45 Resp: 248747

Ion	Ratio	Lower	Upper
45	100		
77	18.1	14.1	21.1
79	14.2	10.4	15.6

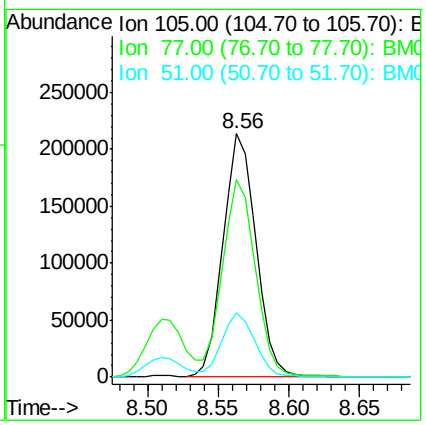


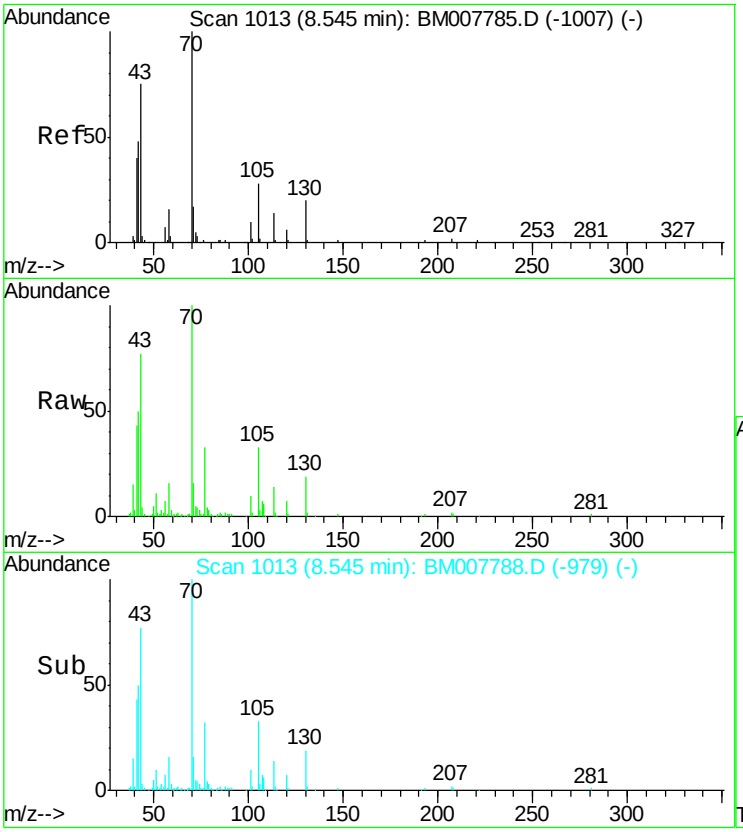


#14
Acetophenone
Concen: 20.42 ng/ul
RT: 8.56 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:105 Resp: 343794

Ion	Ratio	Lower	Upper
105	100		
77	81.3	65.9	98.9
51	26.6	22.2	33.2



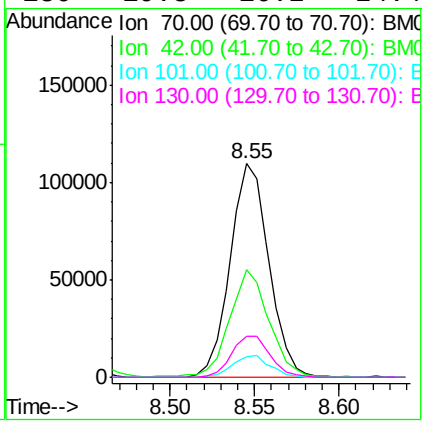


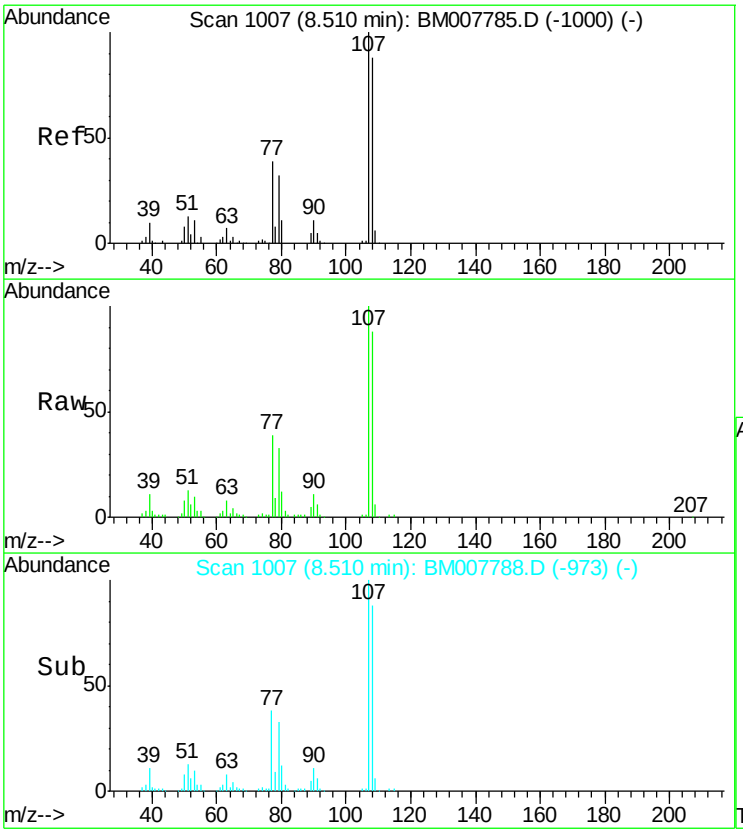
#15
N-Nitroso-di-n-propylamine
Concen: 20.96 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion: 70 Resp: 175088

Ion	Ratio	Lower	Upper
70	100		
42	50.1	43.4	65.2
101	9.6	7.8	11.6
130	19.3	16.2	24.4

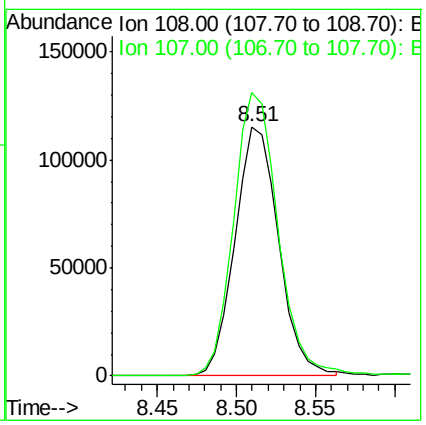


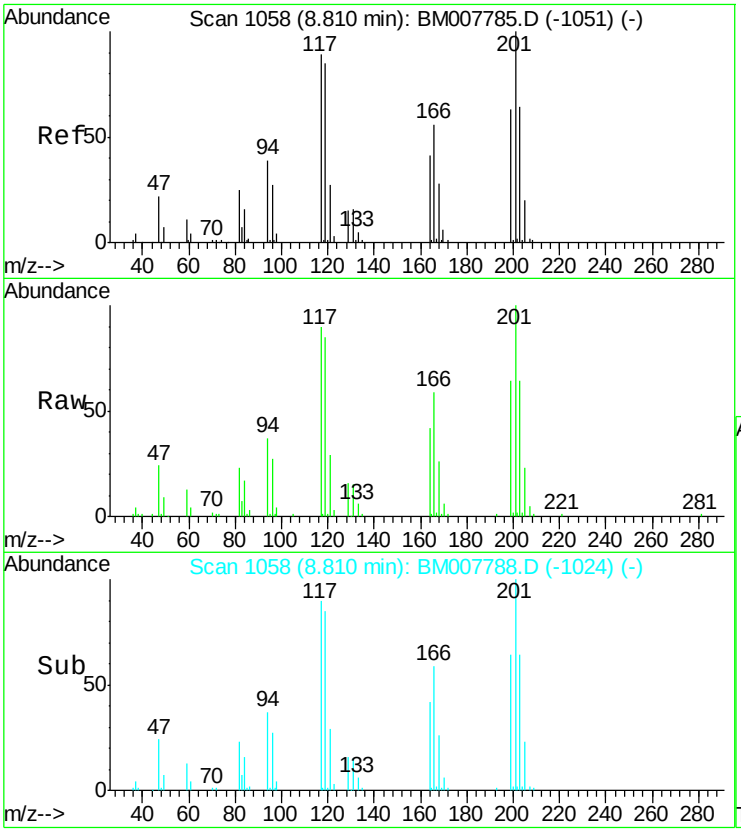


#16
4-Methylphenol
Concen: 20.00 ng/ul
RT: 8.51 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:108 Resp: 220889

Ion	Ratio	Lower	Upper
108	100		
107	113.5	87.8	131.8



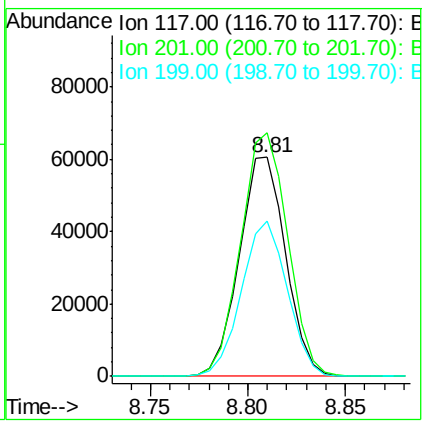


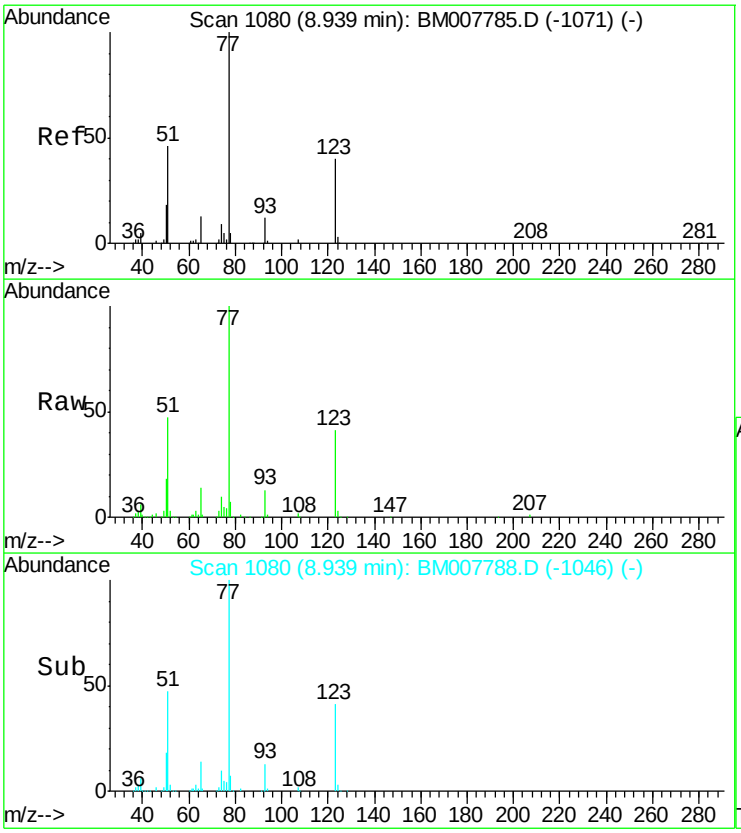
#17
Hexachloroethane
Concen: 20.97 ng/ul
RT: 8.81 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion:117 Resp: 100042

Ion	Ratio	Lower	Upper
117	100		
201	111.1	90.3	135.5
199	70.6	58.5	87.7

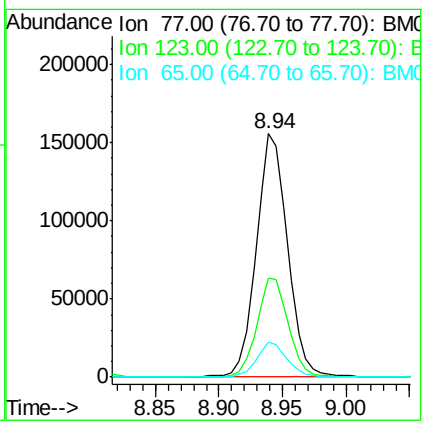


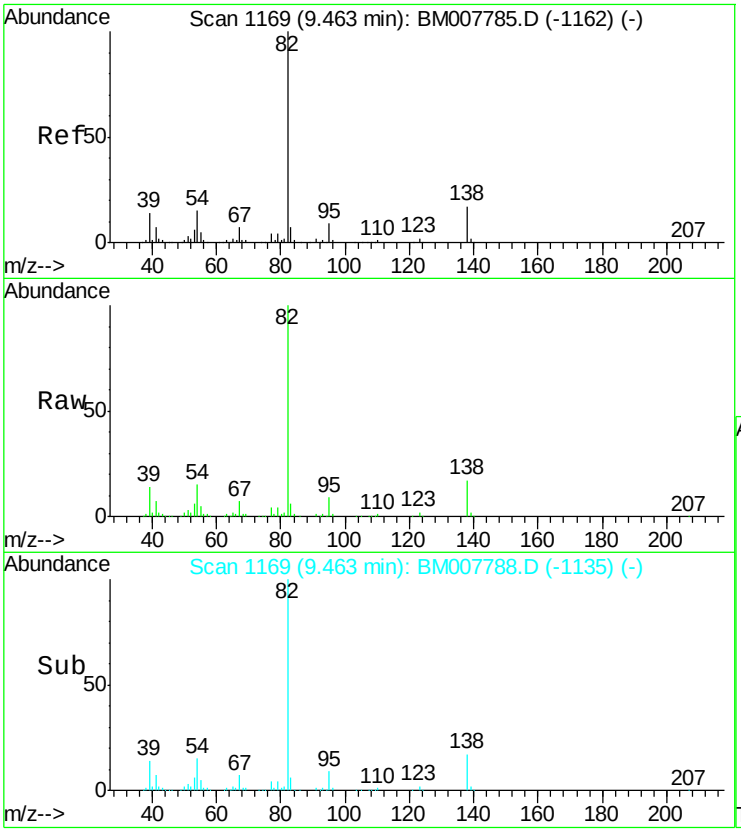


#20
Nitrobenzene
Concen: 21.36 ng/ul
RT: 8.94 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion: 77 Resp: 267739

Ion	Ratio	Lower	Upper
77	100		
123	40.5	34.2	51.4
65	14.1	11.0	16.6



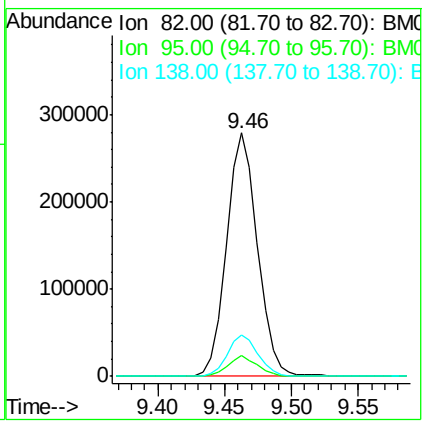


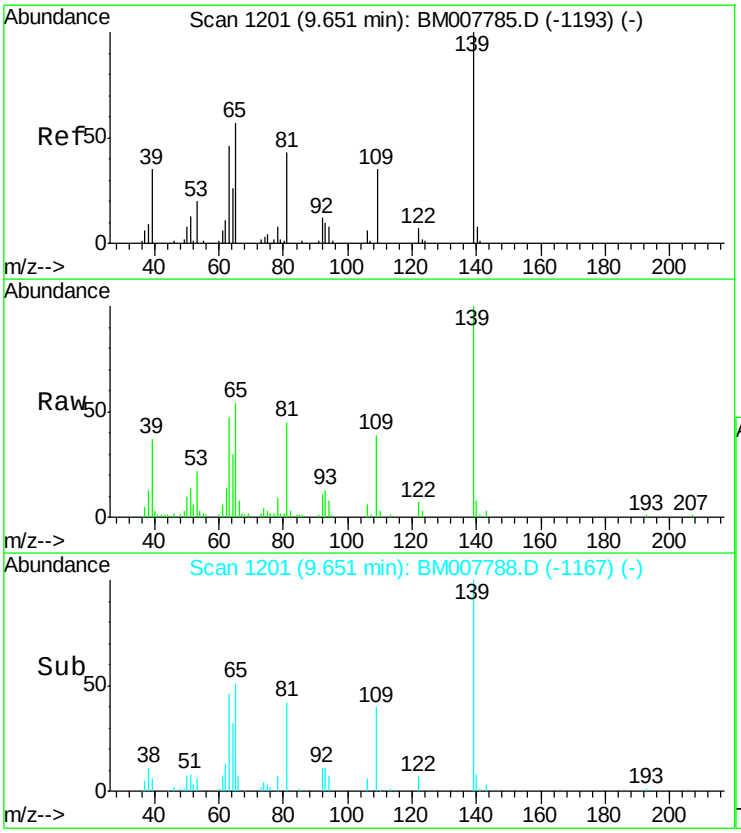
#21
Isophorone
Concen: 21.11 ng/ul
RT: 9.46 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion: 82 Resp: 452634

Ion	Ratio	Lower	Upper
82	100		
95	8.7	6.9	10.3
138	16.9	13.8	20.8

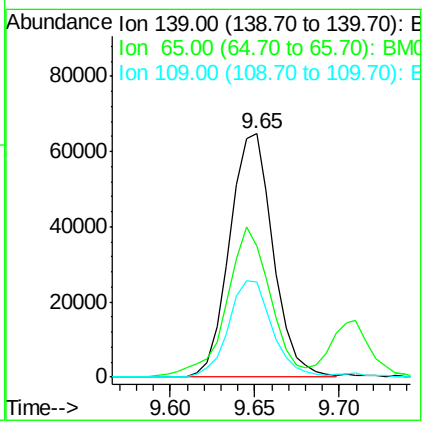


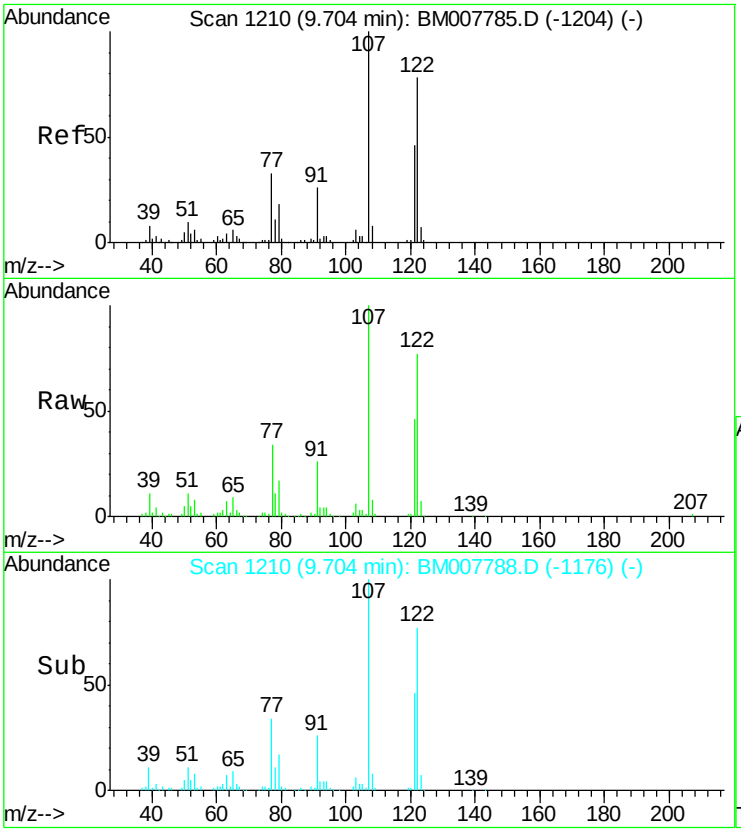


#23
2-Nitrophenol
Concen: 21.51 ng/ul
RT: 9.65 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:139 Resp: 116084

Ion	Ratio	Lower	Upper
139	100		
65	53.6	44.2	66.4
109	38.8	28.2	42.4



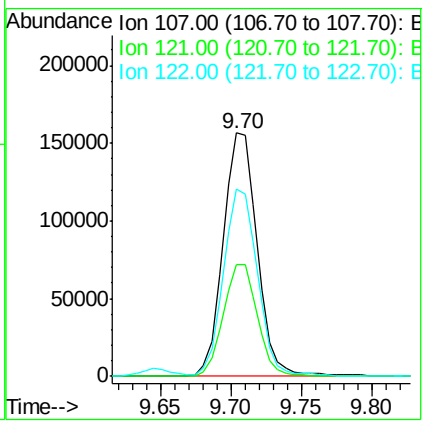


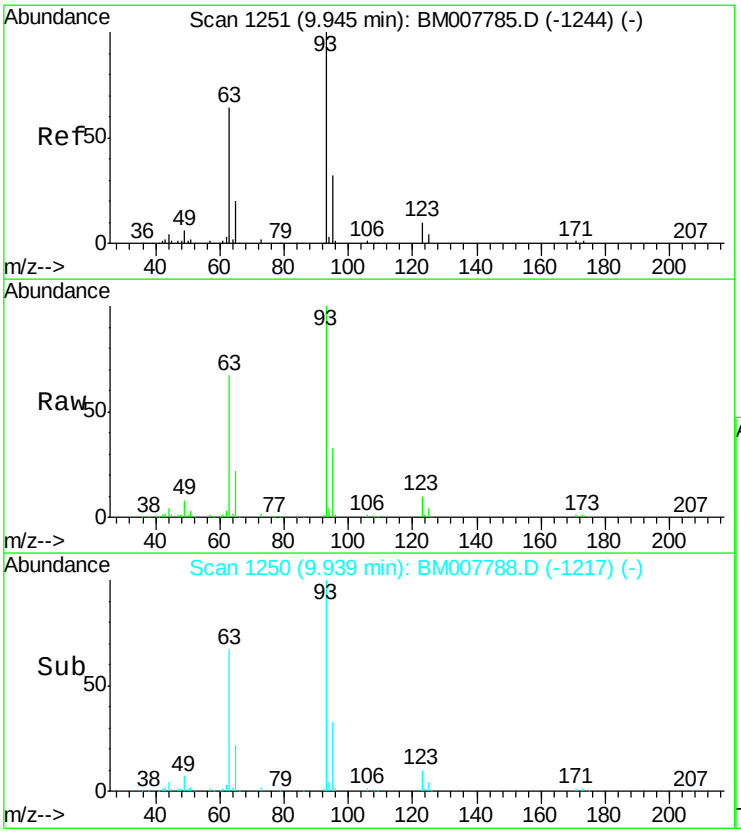
#24
2,4-Dimethylphenol
Concen: 21.33 ng/ul
RT: 9.70 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion:107 Resp: 262687

Ion	Ratio	Lower	Upper
107	100		
121	45.7	37.1	55.7
122	77.1	62.8	94.2

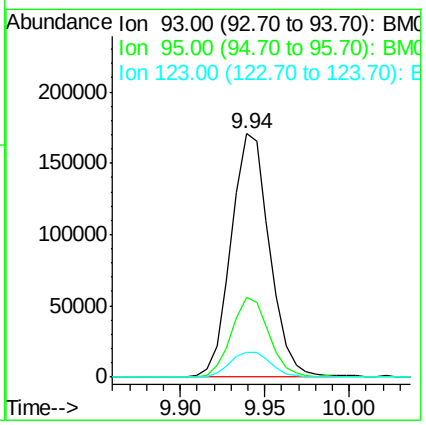


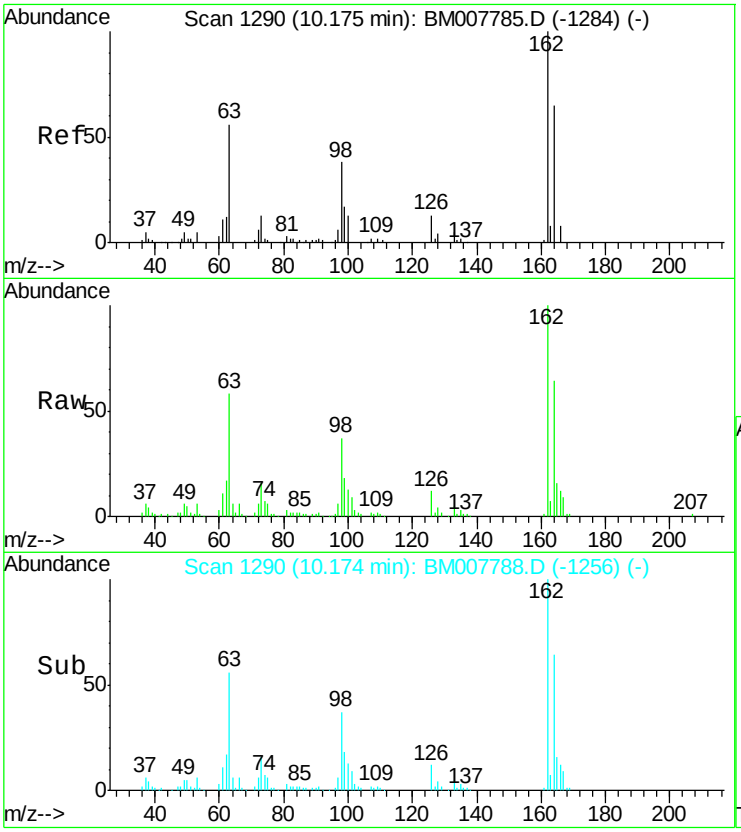


#25
Bis(2-Chloroethoxy)methane
Concen: 20.63 ng/ul
RT: 9.94 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion: 93 Resp: 270529

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.4	38.0
123	10.3	8.3	12.5



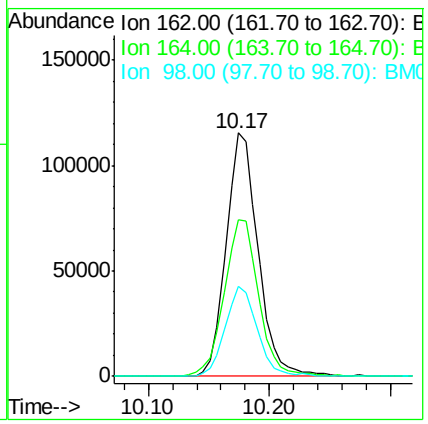


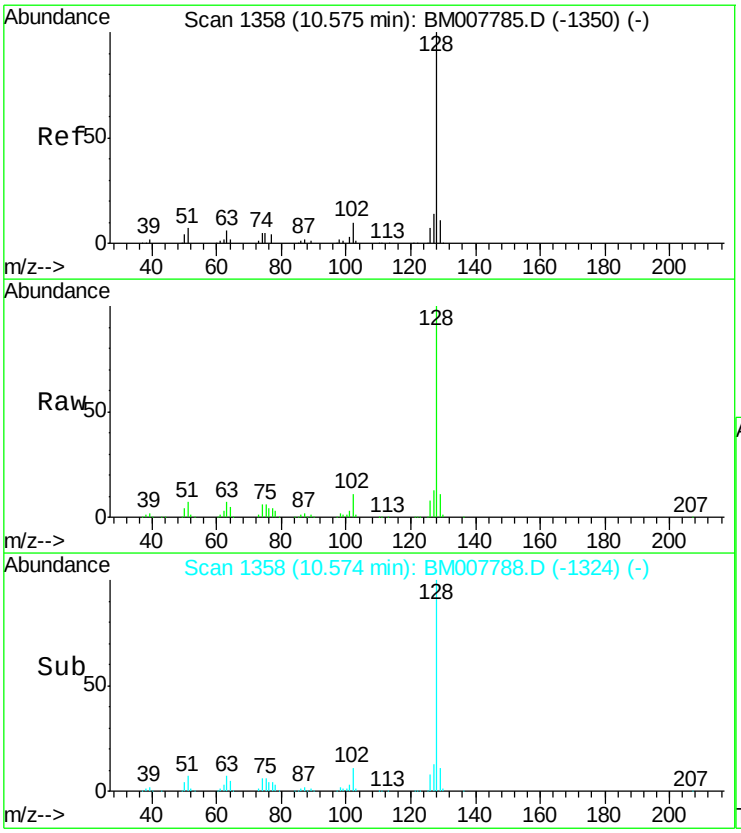
#27
2,4-Dichlorophenol
Concen: 21.24 ng/ul
RT: 10.17 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion:162 Resp: 212449

Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.6	77.4
98	37.0	28.4	42.6

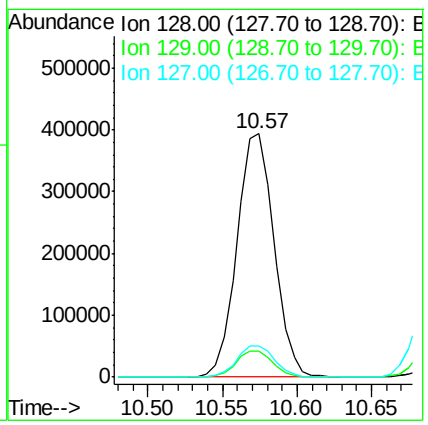


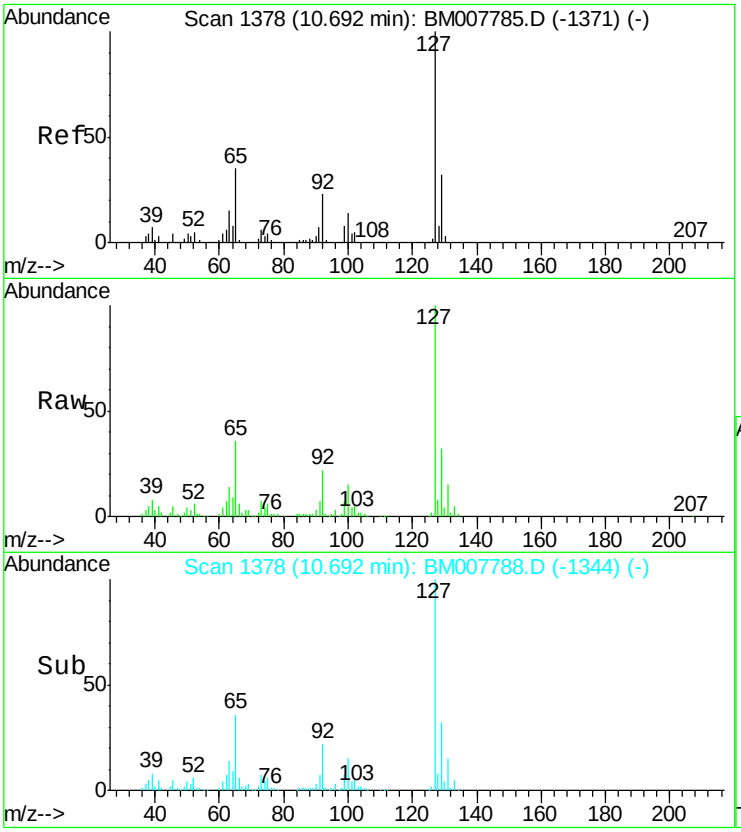


#28
Naphthalene
Concen: 20.65 ng/ul
RT: 10.57 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:128 Resp: 680198

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.0	10.6	15.8



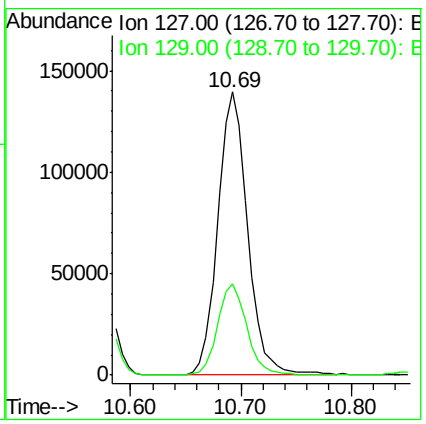


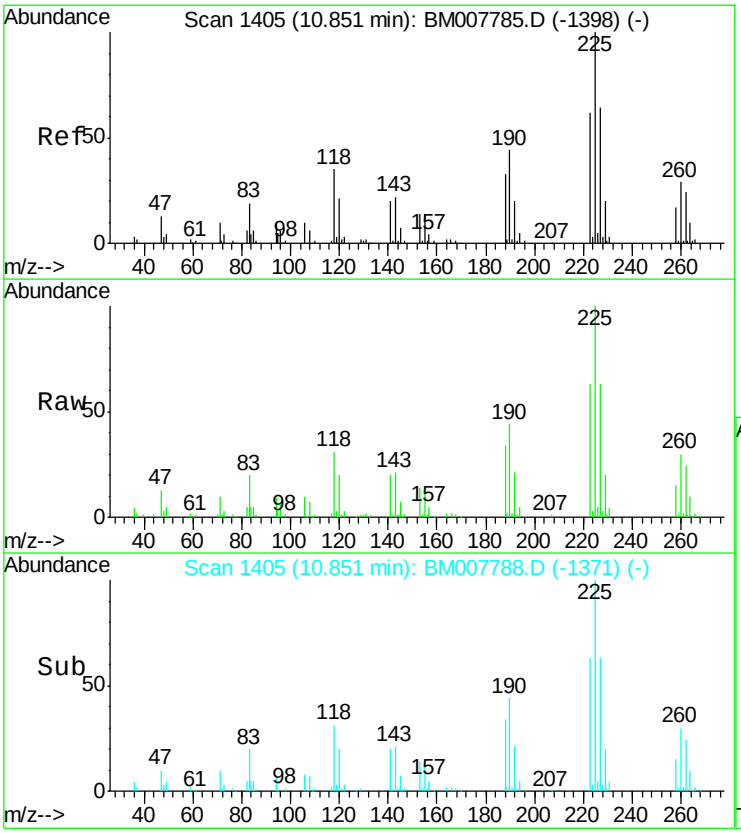
#30
4-Chloroaniline
Concen: 22.37 ng/ul
RT: 10.69 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion:127 Resp: 263128

Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.6	37.0

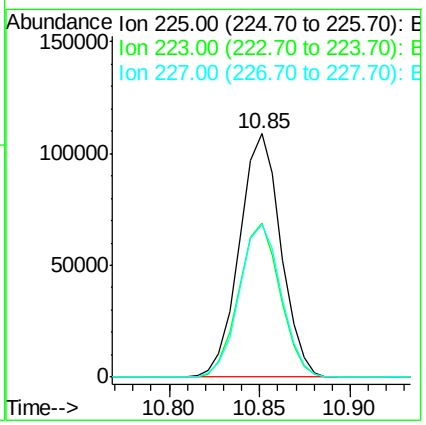


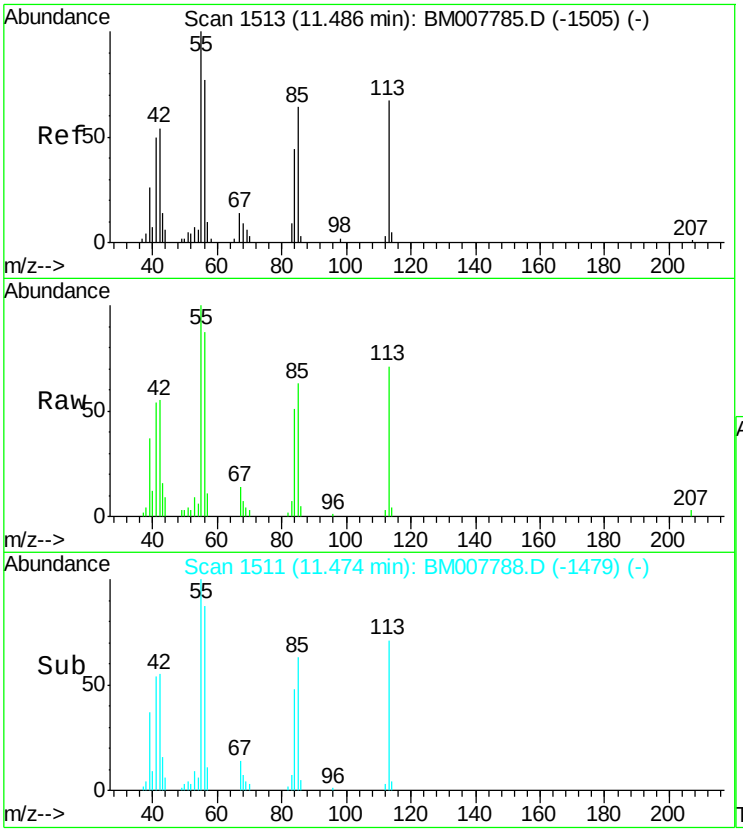


#31
Hexachlorobutadiene
Concen: 21.25 ng/ul
RT: 10.85 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:225 Resp: 173175

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.2	76.8
227	62.9	52.5	78.7



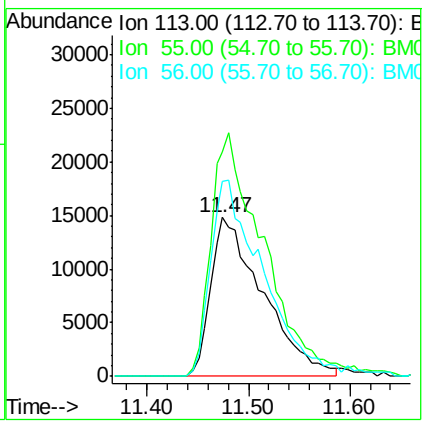


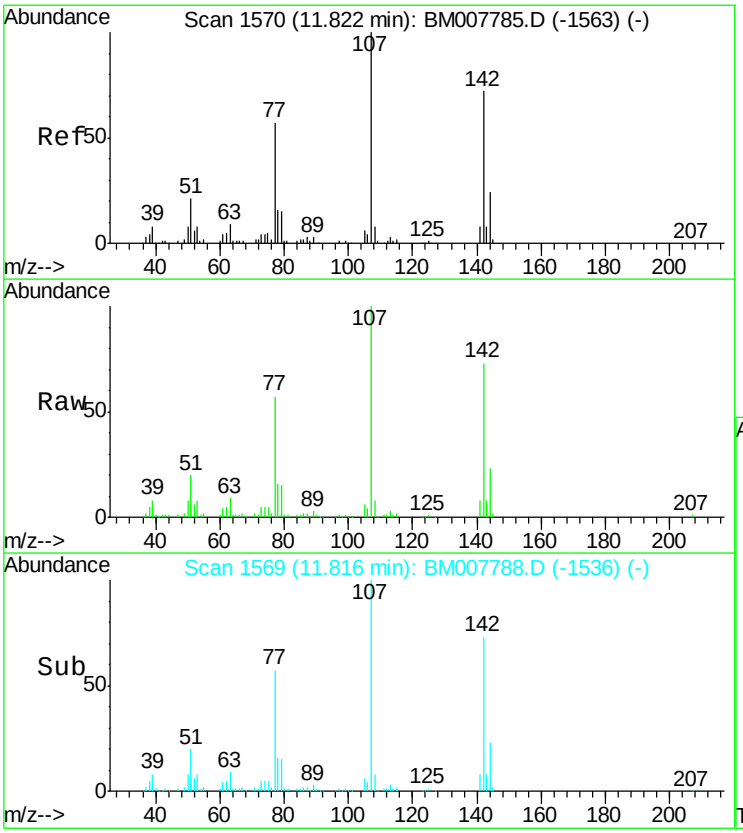
#32
Caprolactam
Concen: 19.14 ng/ul
RT: 11.47 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion:113 Resp: 53087

Ion	Ratio	Lower	Upper
113	100		
55	141.3	121.9	182.9
56	123.1	97.4	146.0

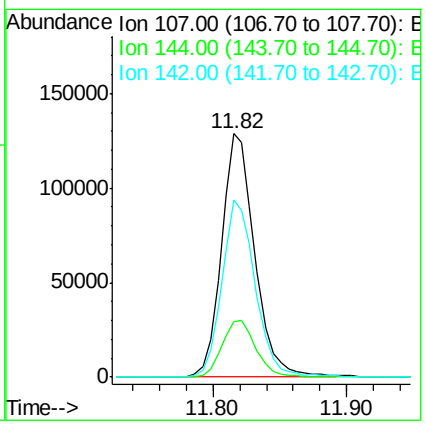


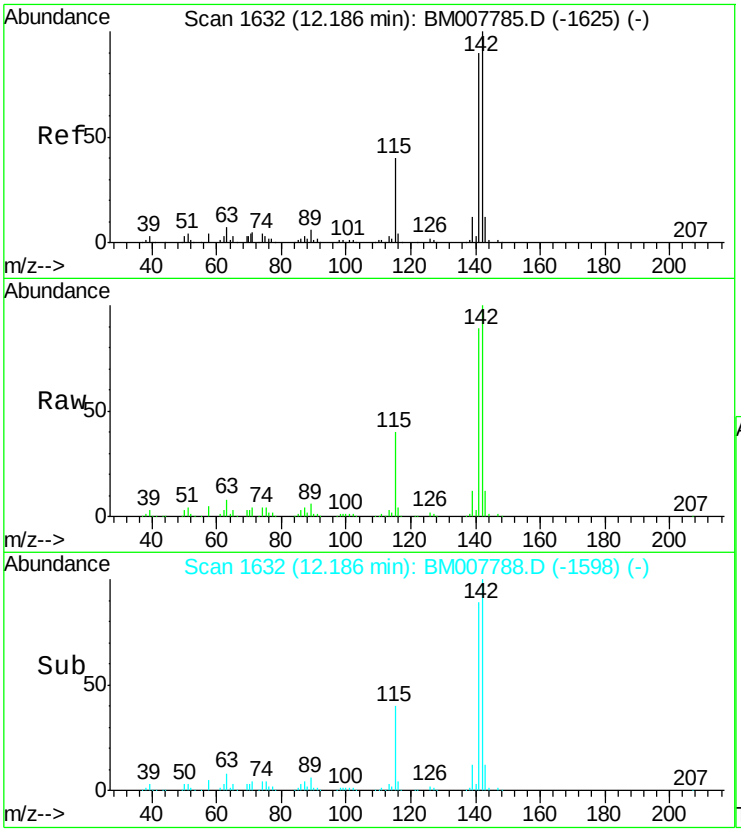


#33
4-Chloro-3-methylphenol
Concen: 21.34 ng/ul
RT: 11.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:107 Resp: 223826

Ion	Ratio	Lower	Upper
107	100		
144	22.9	21.1	31.7
142	72.9	64.1	96.1



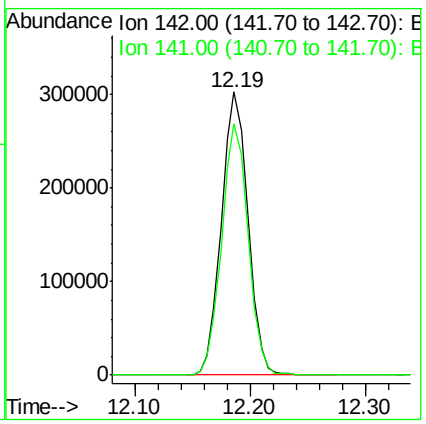


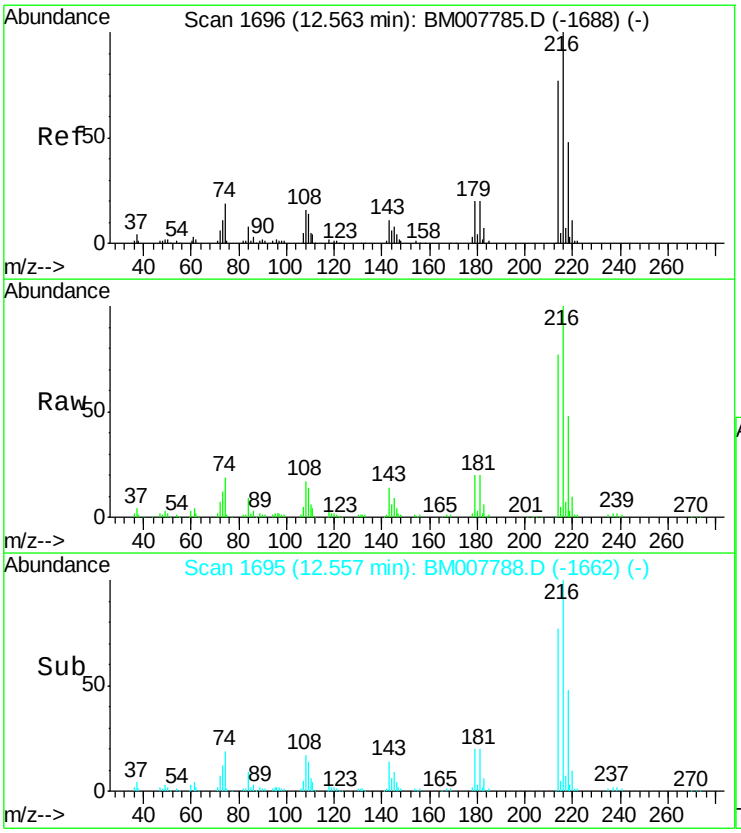
#34
2-Methylnaphthalene
Concen: 20.64 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion:142 Resp: 483490

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9

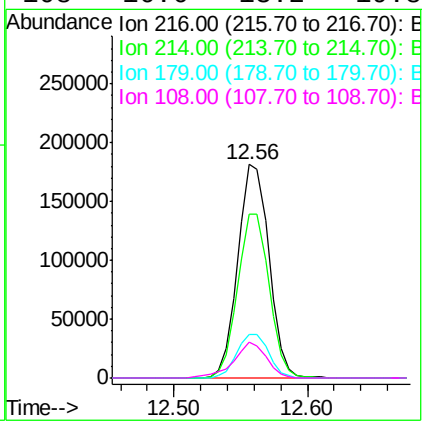


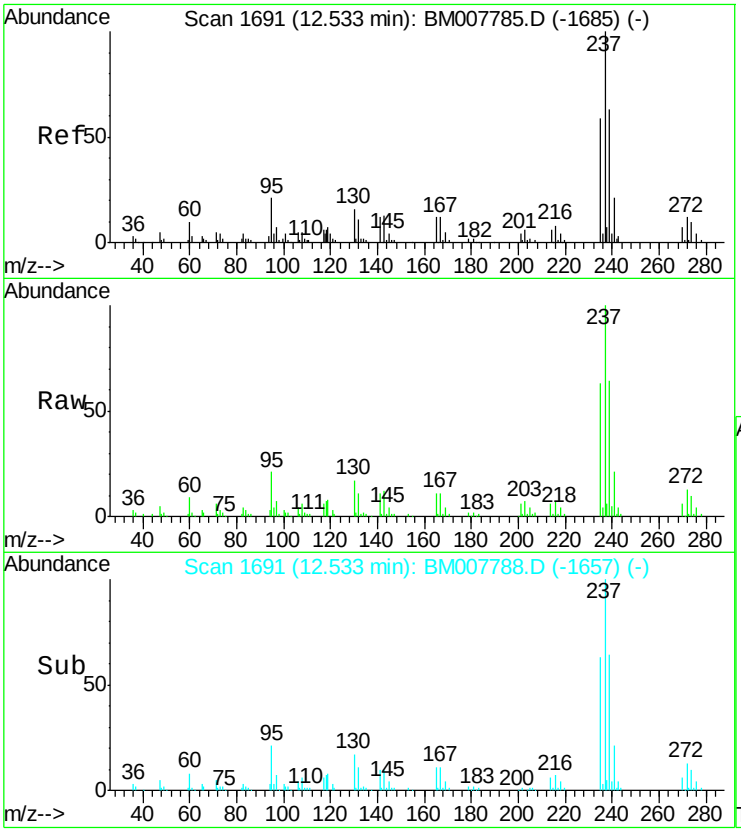


#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.94 ng/ul
RT: 12.56 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:216 Resp: 293887

Ion	Ratio	Lower	Upper
216	100		
214	76.8	64.8	97.2
179	20.4	16.7	25.1
108	16.6	13.2	19.8



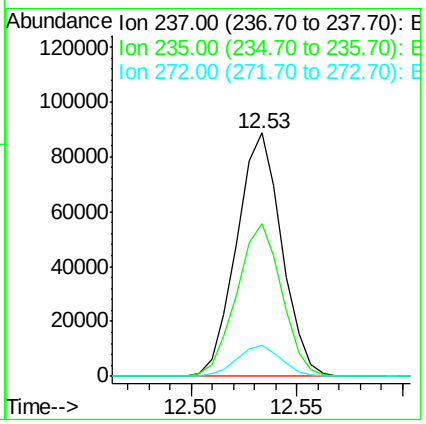


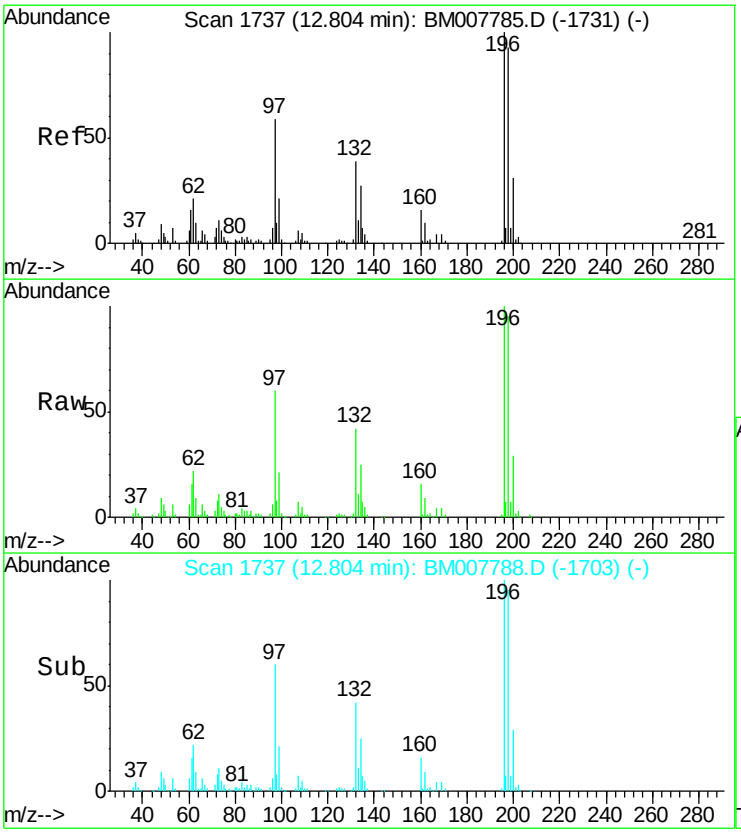
#37
Hexachlorocyclopentadiene
Concen: 15.89 ng/ul
RT: 12.53 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Tgt Ion:237 Resp: 131302

Ion	Ratio	Lower	Upper
237	100		
235	62.6	49.6	74.4
272	12.8	10.4	15.6





#38
2,4,6-Trichlorophenol
Concen: 21.19 ng/ul
RT: 12.80 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BM007788.D
Acq: 08 Nov 2016 01:02

Tgt Ion:196 Resp: 165380

Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.9	115.3
200	29.5	25.1	37.7