Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000563.D
Acq On : 20 Feb 2015 16:44
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-W

Quant Time: Feb 21 02:50:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	111230	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	484573	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.33	164	332685	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	758526	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	606489	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	413437	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.85	99	252826	31.22	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	162265	33.91	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	224214	32.55	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	220465	32.12	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	111234	34.21	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	131036	34.81	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.09	165	246533	30.91	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	345388	48.55	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	871697	36.20	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	1078751	33.44	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	125222	32.52	ng/ul	0.00
55) Fluorene-d10	15.32	176	803034	34.12	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	109810	24.91	ng/ul	0.00
68) Anthracene-d10	17.17	188	1231819	34.33	ng/ul	0.00
76) Pyrene-d10	19.47	212	1252169	35.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	673359	34.74	ng/ul	0.00
Target Compounds						Qvalue
6) Bis(2-Chloroethyl)ether	7.10	93	873	0.14	ng/ul#	76
13) N-Nitroso-di-n-propylamine	8.38	70	6005	1.14	ng/ul#	1
18) Nitrobenzene	8.84	77	455	0.05	ng/ul#	40
19) Isophorone	9.55	82	14513	1.01	ng/ul#	69
42) Dimethylphthalate	13.75	163	725	0.03	ng/ul#	1
43) 2,6-Dinitrotoluene	13.74	165	6690	1.43	ng/ul#	37
50) 4-Nitrophenol	14.55	109	649	0.16	ng/ul#	1
56) Fluorene	15.32	166	1999	0.08	ng/ul#	7
58) 4-Nitroaniline	15.44	138	244	0.06	ng/ul#	1
62) N-Nitrosodiphenylamine	15.44	169	847	0.04	ng/ul#	22
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	20235	1.80	ng/uL	94
71) Pentachlorobenzene	14.65	250	41745	3.88	ng/uL	96
77) Pyrene	19.46	202	1387	0.03	ng/ul#	1
78) Butylbenzylphthalate	20.41	149	281	0.02	ng/ul#	25
80) Benzo(a)anthracene	21.27	228	1505	0.04	ng/ul#	60
81) Bis(2-ethylhexyl)phthalate	21.18	149	567	0.03	ng/ul#	50
82) Chrysene	21.27	228	1505	0.05	ng/ul#	58
84) Di-n-octyl phthalate	22.03	149	509	0.02	ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	123	0.00	ng/ul#	1
86) Benzo(k)fluoranthene	22.94	252	236	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.38	252	282	0.01	ng/ul#	1

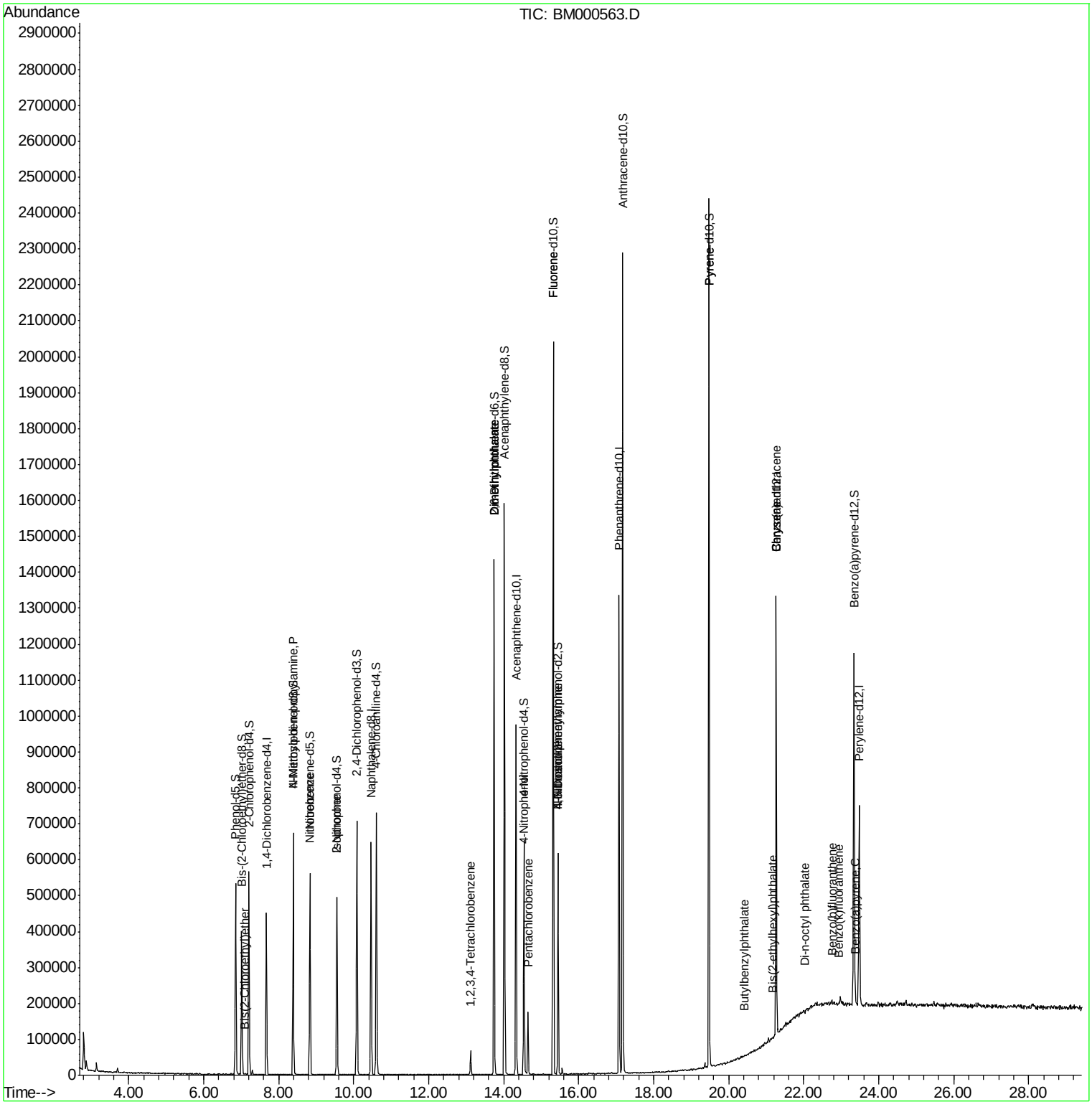
(#) = qualifier out of range (m) = manual integration (+) = signals summed

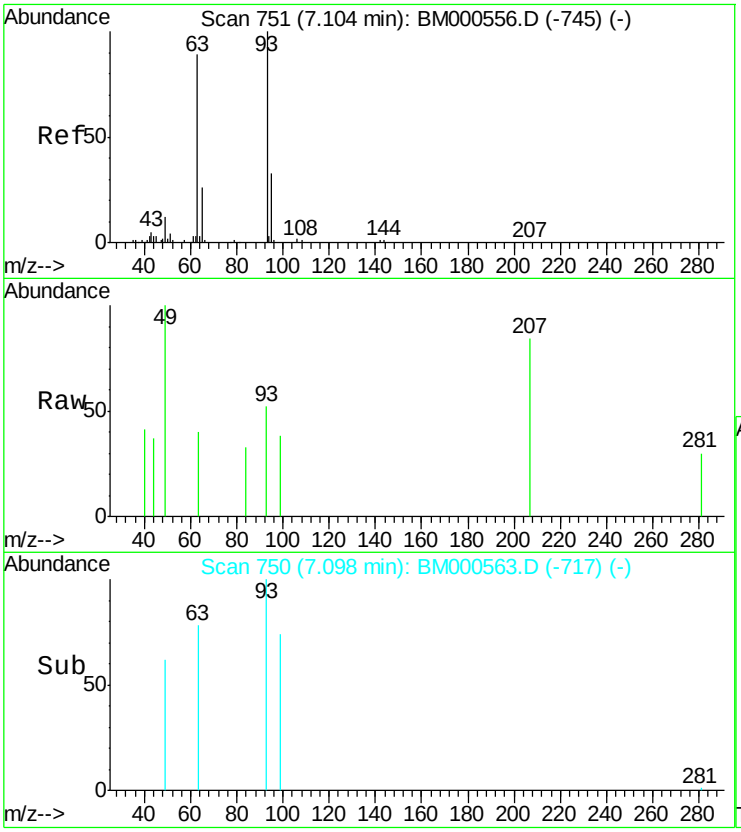
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000563.D
Acq On : 20 Feb 2015 16:44
Operator : TP/IZ
Sample : MDL-04-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Quant Time: Feb 21 02:50:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration



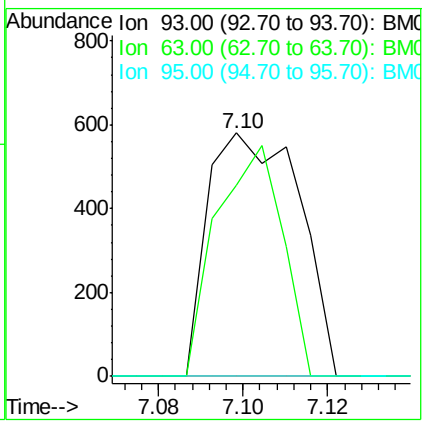


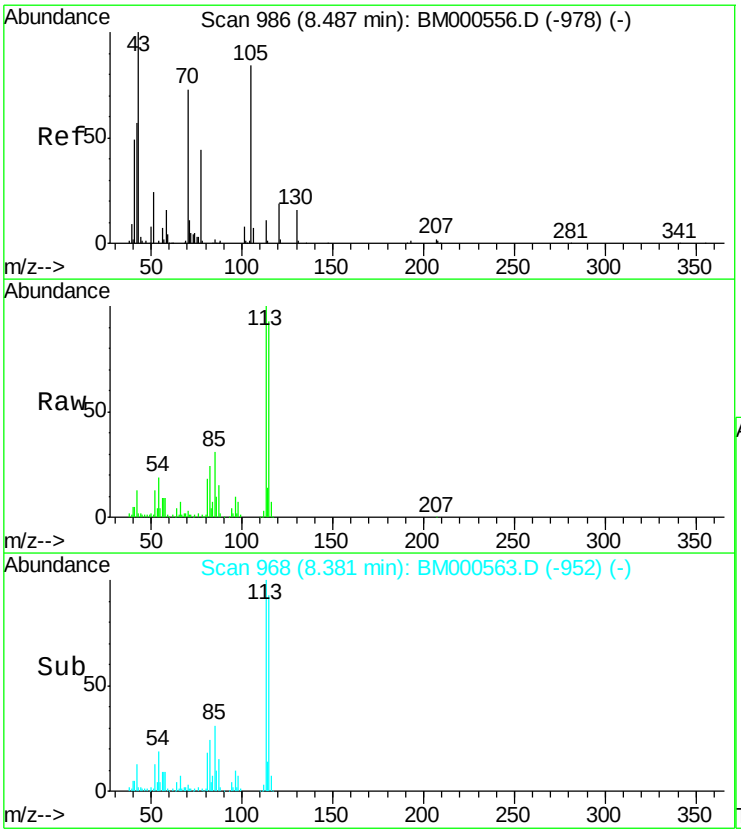
#6
Bis(2-Chloroethyl)ether
Concen: 0.14 ng/ul
RT: 7.10 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion: 93 Resp: 873

Ion	Ratio	Lower	Upper
93	100		
63	78.3	71.2	106.8
95	0.0	26.1	39.1#

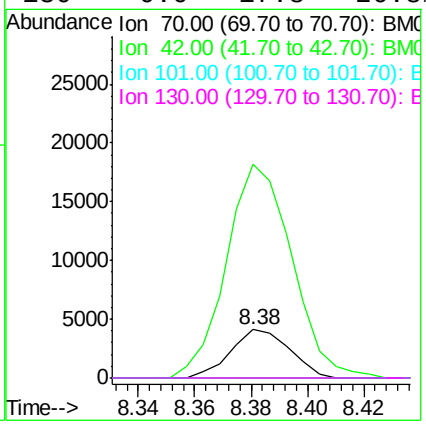


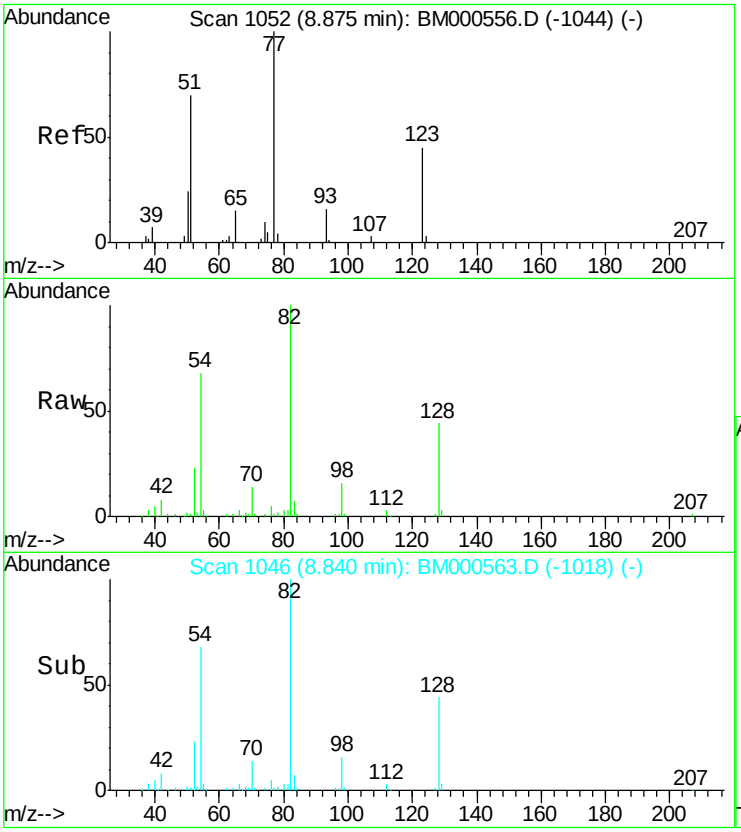


#13
N-Nitroso-di-n-propylamine
Concen: 1.14 ng/ul
RT: 8.38 min Scan# 968
Delta R.T. -0.11 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion: 70 Resp: 6005

Ion	Ratio	Lower	Upper
70	100		
42	444.3	63.3	94.9#
101	0.0	8.2	12.4#
130	0.0	17.8	26.8#



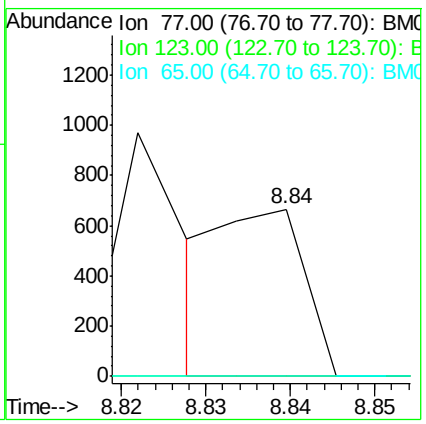


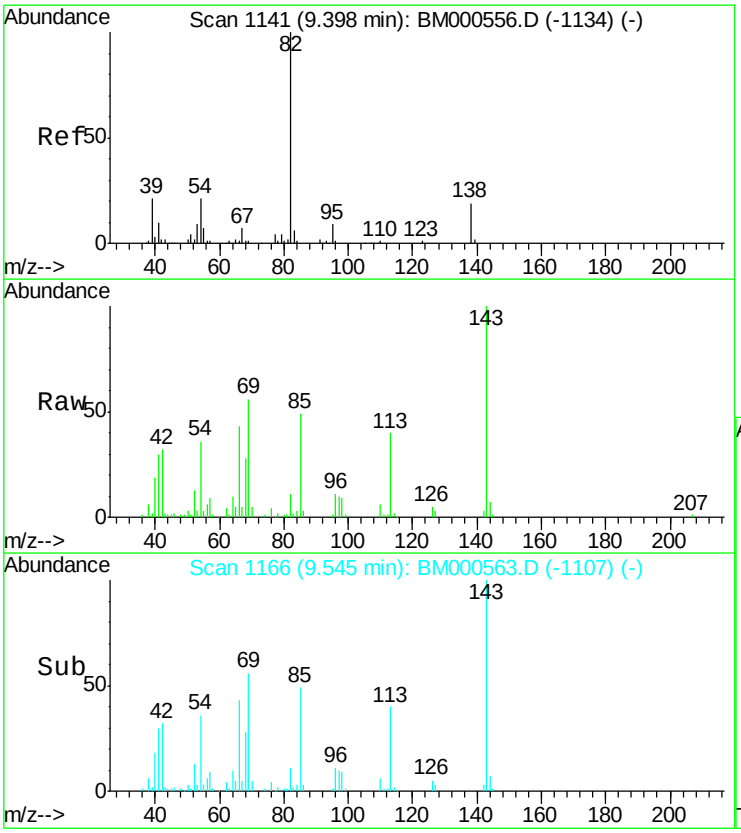
#18
Nitrobenzene
Concen: 0.05 ng/ul
RT: 8.84 min Scan# 1046
Delta R.T. -0.04 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion: 77 Resp: 455

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.7	53.5#
65	0.0	12.3	18.5#

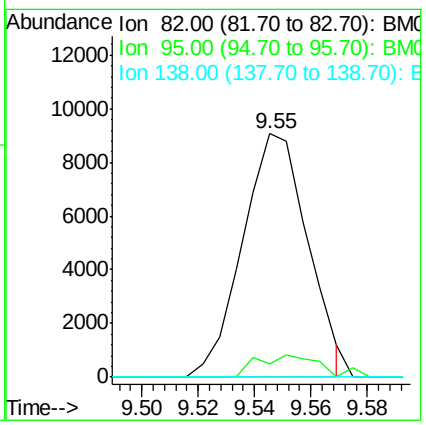


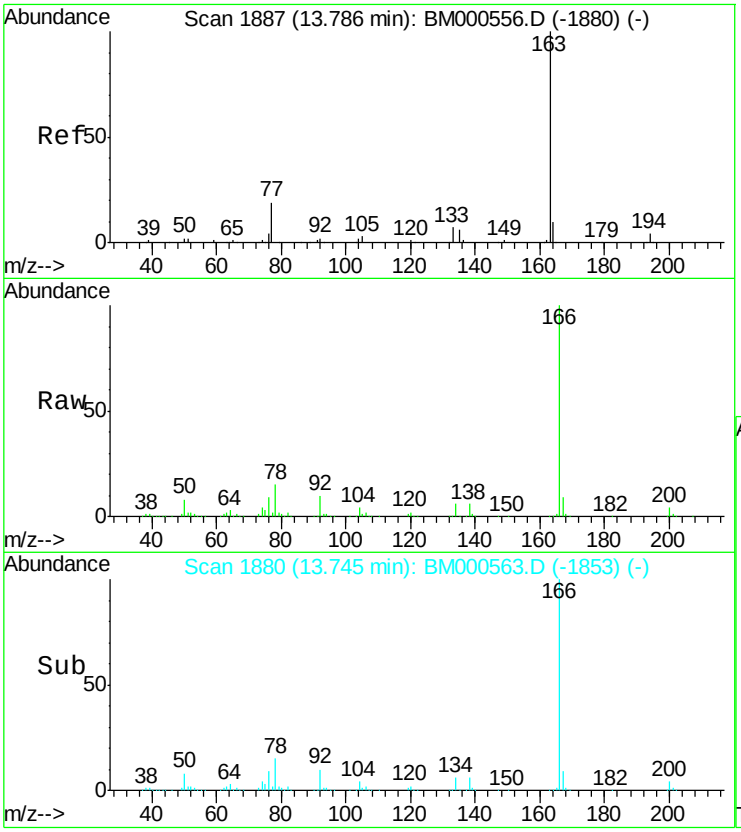


#19
Isophorone
Concen: 1.01 ng/ul
RT: 9.55 min Scan# 1166
Delta R.T. 0.15 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion: 82 Resp: 14513

Ion	Ratio	Lower	Upper
82	100		
95	5.6	7.0	10.4#
138	0.0	15.1	22.7#



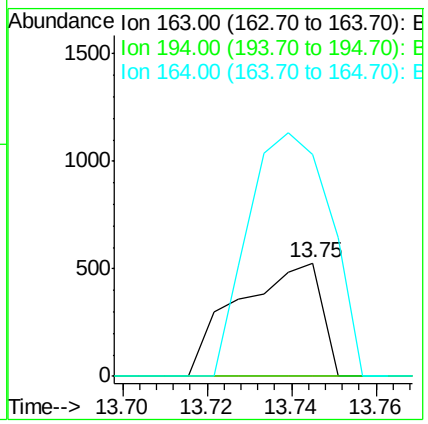


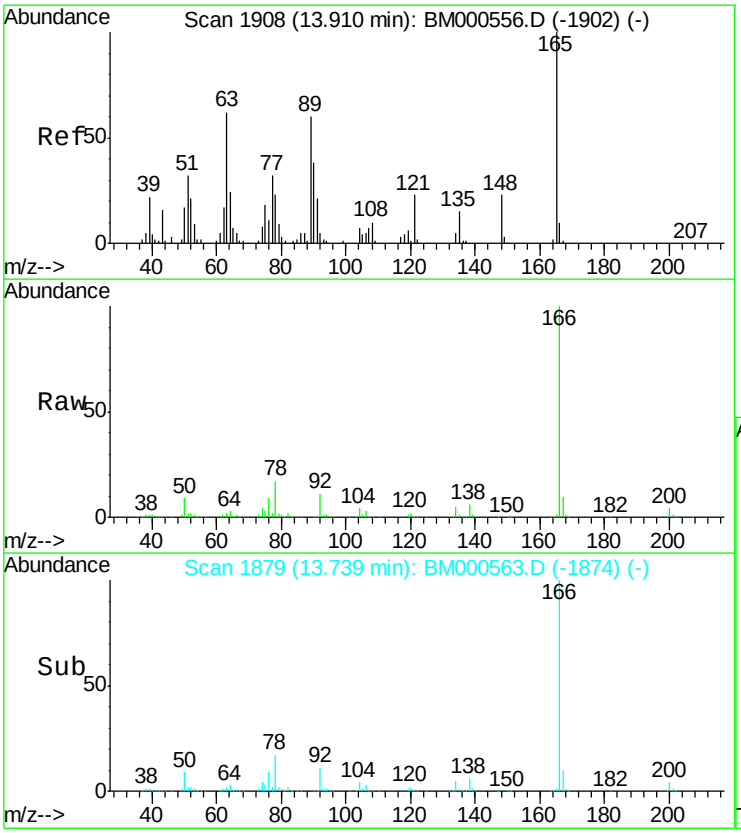
#42
Dimethylphthalate
Concen: 0.03 ng/ul
RT: 13.75 min Scan# 1880
Delta R.T. -0.04 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:163 Resp: 725

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	195.4	7.9	11.9#

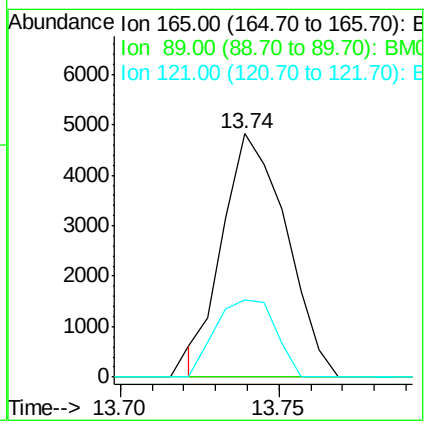


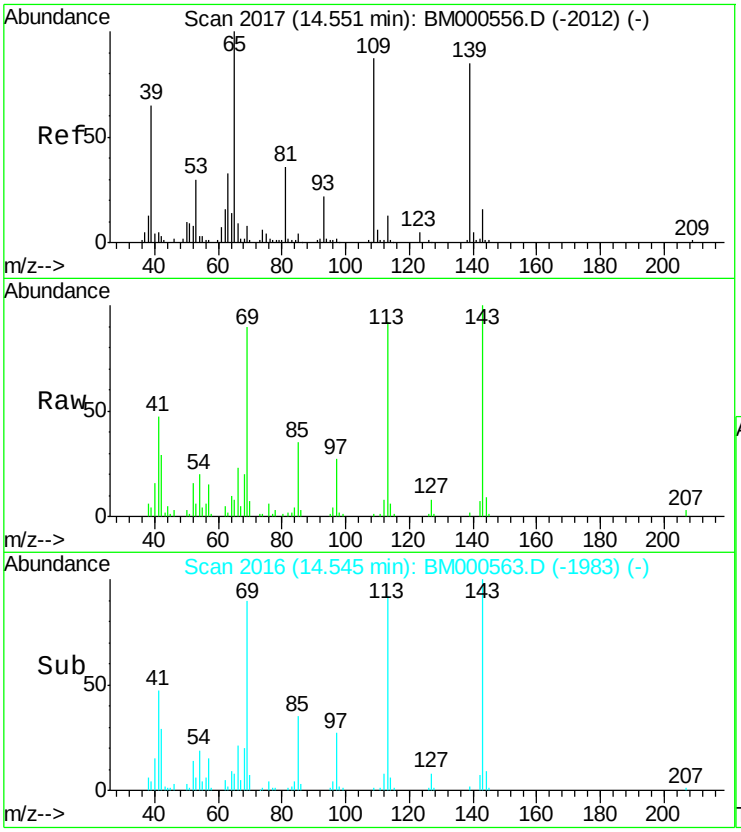


#43
2,6-Dinitrotoluene
Concen: 1.43 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.17 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion:165 Resp: 6690

Ion	Ratio	Lower	Upper
165	100		
89	0.0	47.8	71.8#
121	31.8	18.1	27.1#



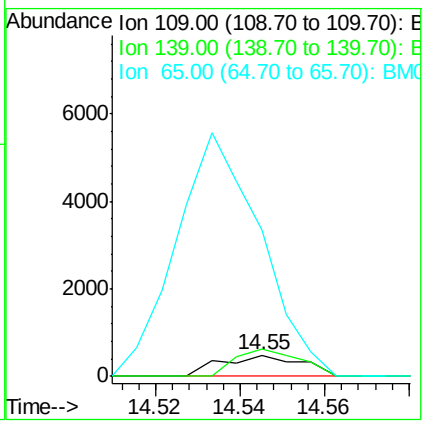


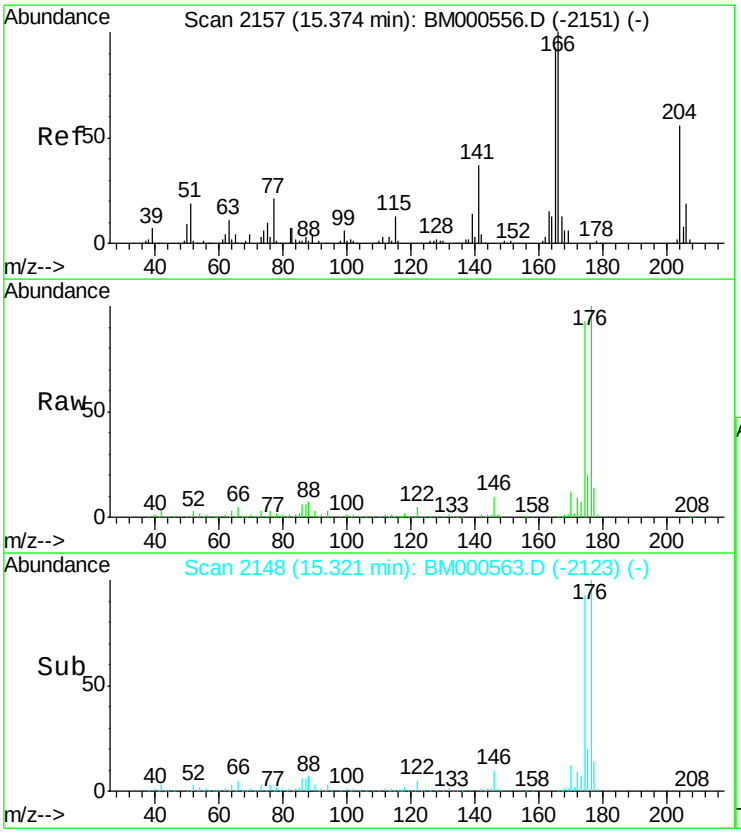
#50
4-Nitrophenol
Concen: 0.16 ng/ul
RT: 14.55 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:109 Resp: 649

Ion	Ratio	Lower	Upper
109	100		
139	130.5	78.2	117.4#
65	688.0	93.7	140.5#

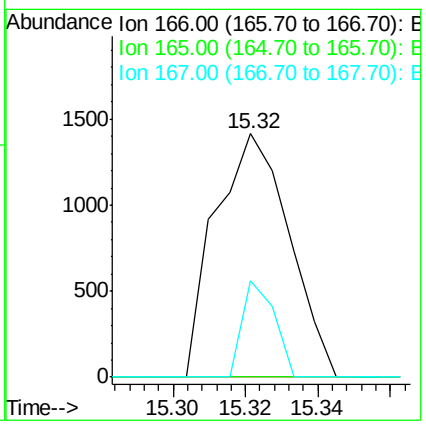


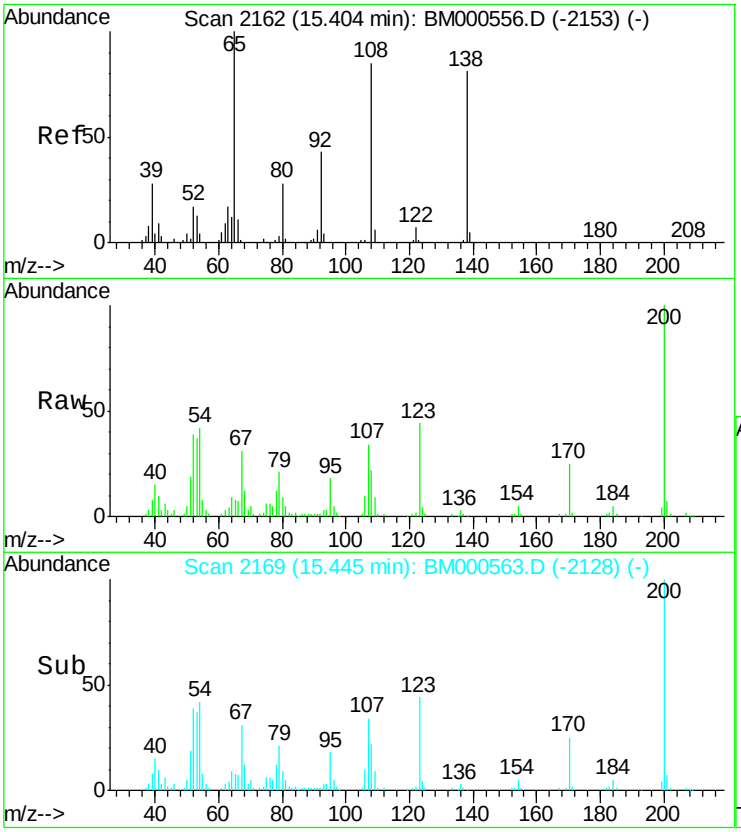


#56
Fluorene
Concen: 0.08 ng/ul
RT: 15.32 min Scan# 2148
Delta R.T. -0.05 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion:166 Resp: 1999

Ion	Ratio	Lower	Upper
166	100		
165	0.0	74.4	111.6#
167	39.6	10.2	15.4#



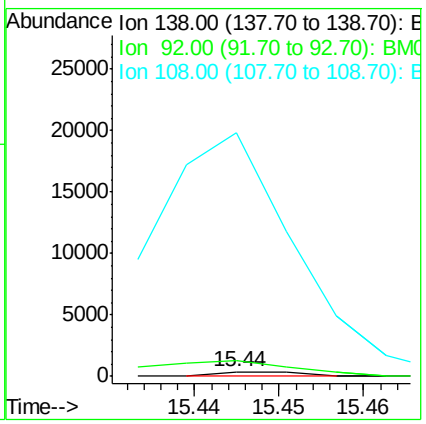


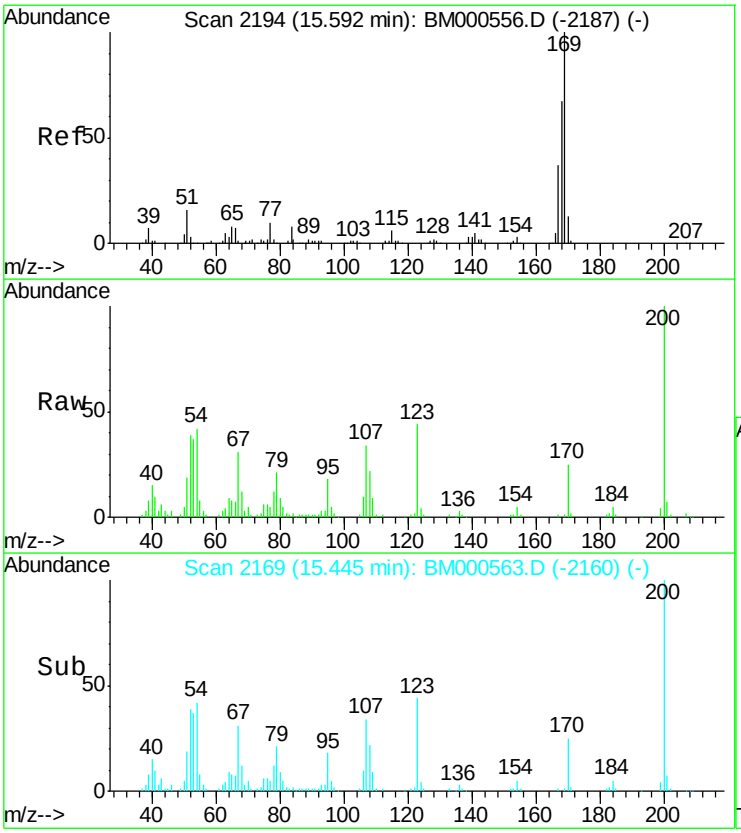
#58
4-Nitroaniline
Concen: 0.06 ng/ul
RT: 15.44 min Scan# 2169
Delta R.T. 0.04 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:138 Resp: 244

Ion	Ratio	Lower	Upper
138	100		
92	351.2	42.2	63.2#
108	5461.2	83.5	125.3#

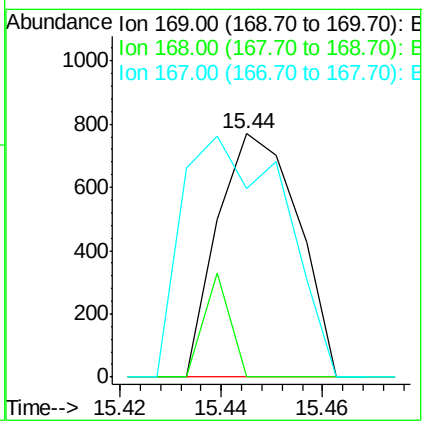


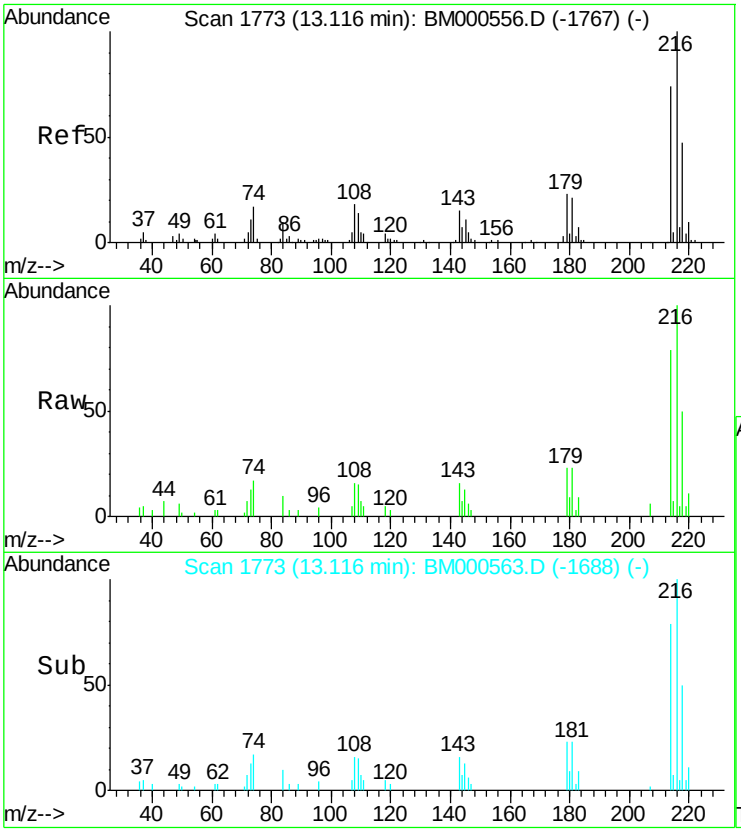


#62
N-Nitrosodiphenylamine
Concen: 0.04 ng/ul
RT: 15.44 min Scan# 2169
Delta R.T. -0.15 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion:169 Resp: 847

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.3	79.9#
167	77.4	29.4	44.2#



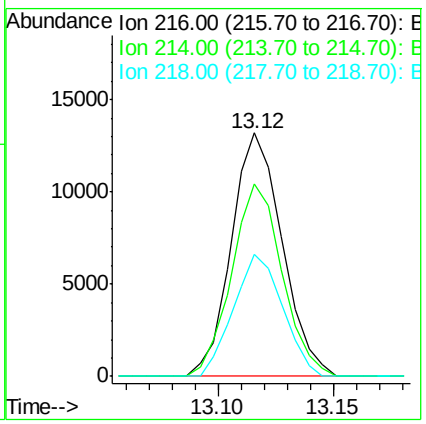


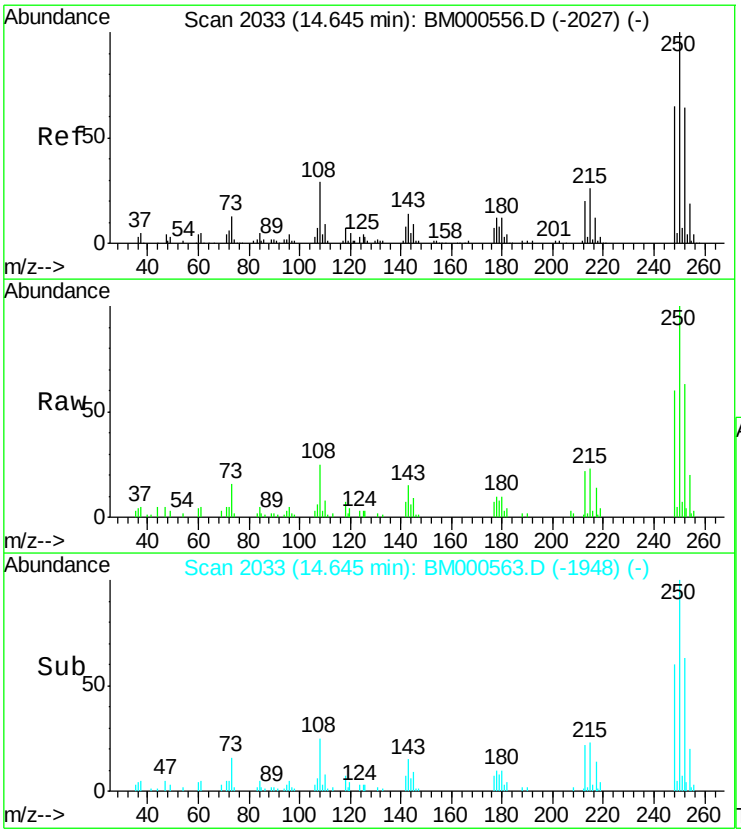
#70
1,2,3,4-Tetrachlorobenzene
Concen: 1.80 ng/uL
RT: 13.12 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:216 Resp: 20235

Ion	Ratio	Lower	Upper
216	100		
214	78.9	59.1	88.7
218	50.3	37.6	56.4

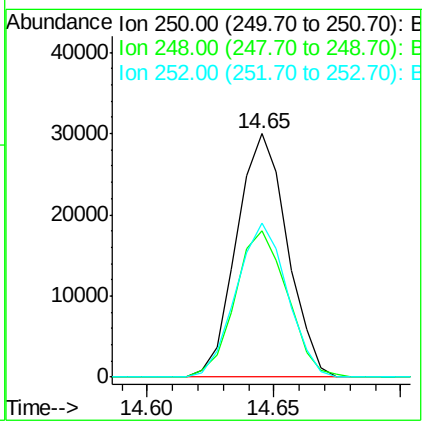


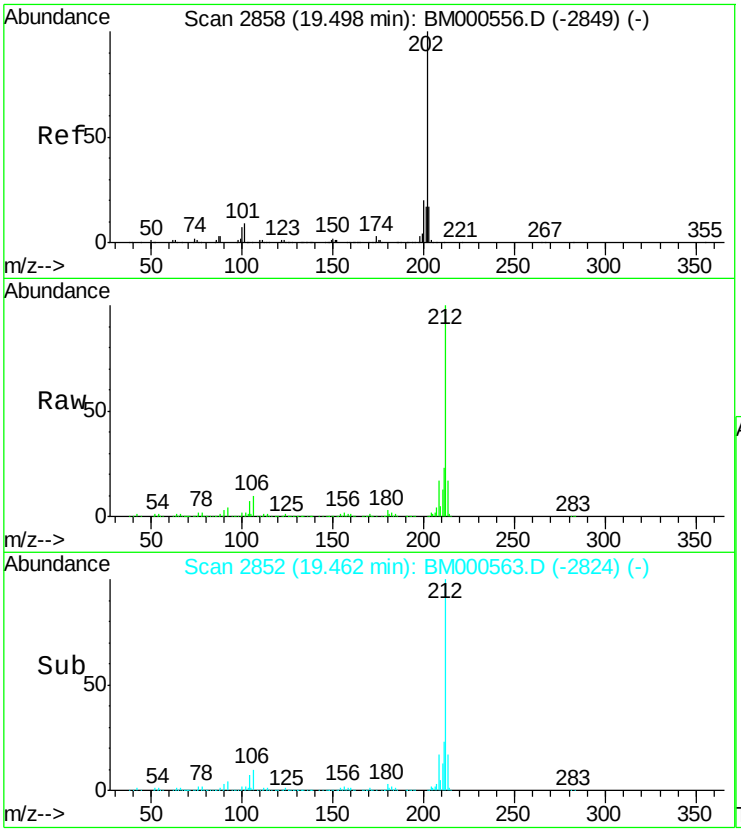


#71
Pentachlorobenzene
Concen: 3.88 ng/uL
RT: 14.65 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion:250 Resp: 41745

Ion	Ratio	Lower	Upper
250	100		
248	60.2	52.4	78.6
252	63.1	51.5	77.3



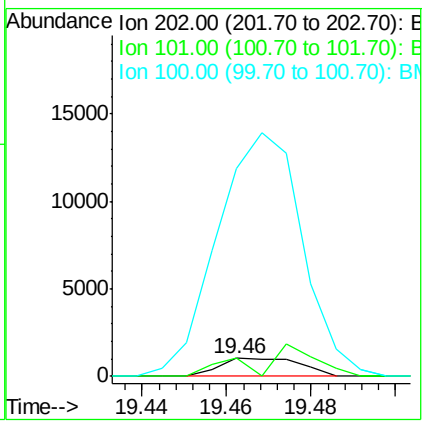


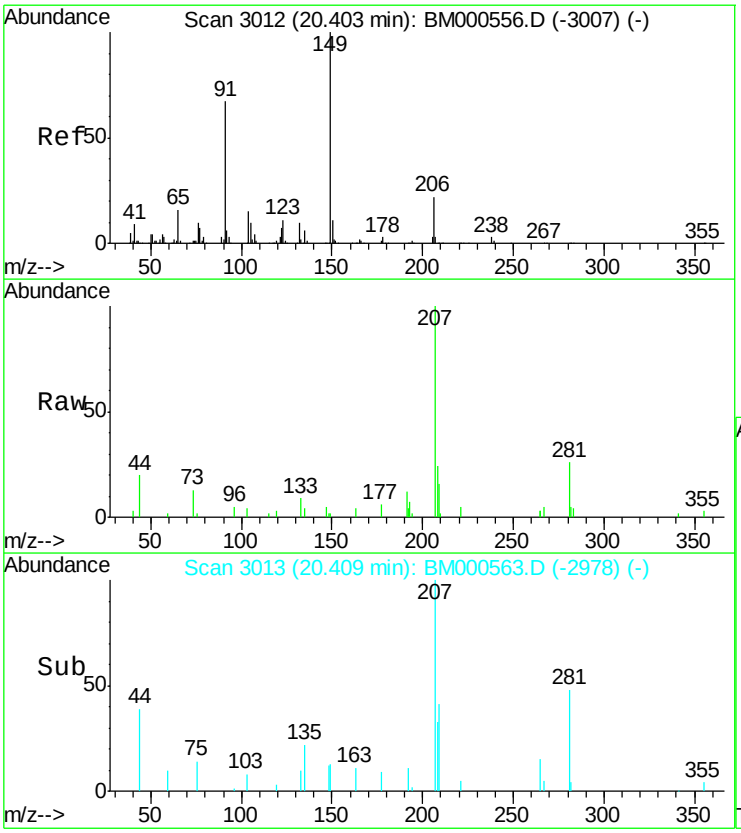
#77
Pyrene
Concen: 0.03 ng/ul
RT: 19.46 min Scan# 2852
Delta R.T. -0.04 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:202 Resp: 1387

Ion	Ratio	Lower	Upper
202	100		
101	103.2	7.2	10.8#
100	1139.4	5.9	8.9#

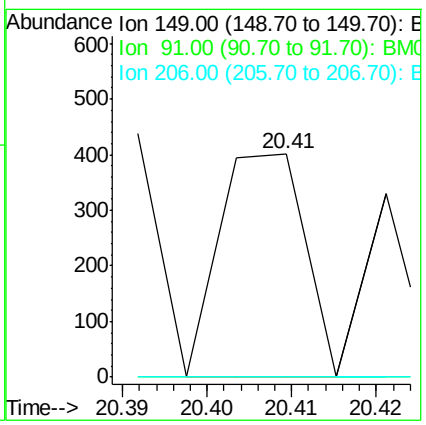


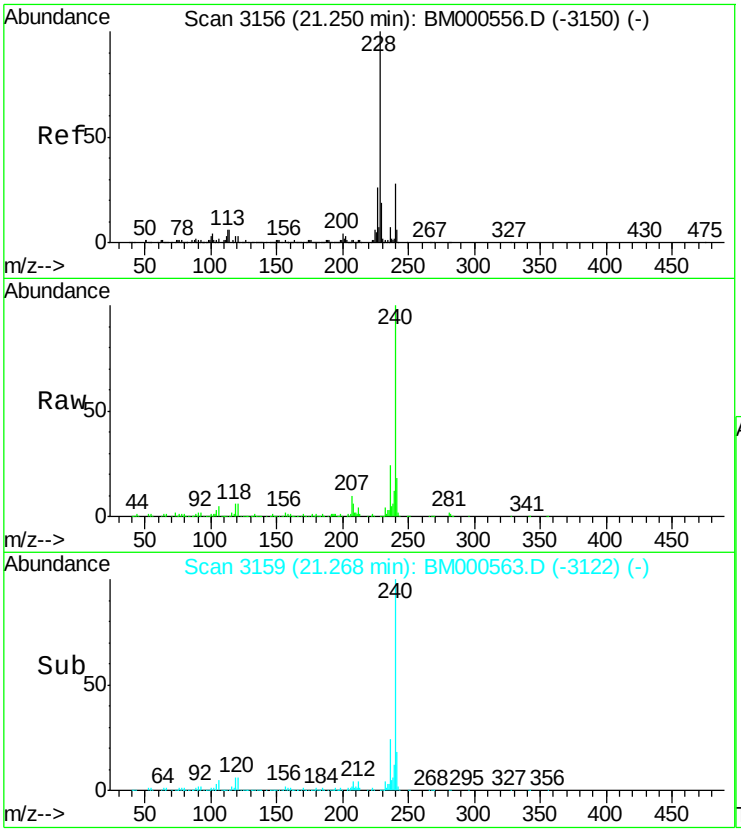


#78
Butylbenzylphthalate
Concen: 0.02 ng/ul
RT: 20.41 min Scan# 3013
Delta R.T. 0.01 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion:149 Resp: 281

Ion	Ratio	Lower	Upper
149	100		
91	0.0	53.9	80.9#
206	0.0	17.2	25.8#



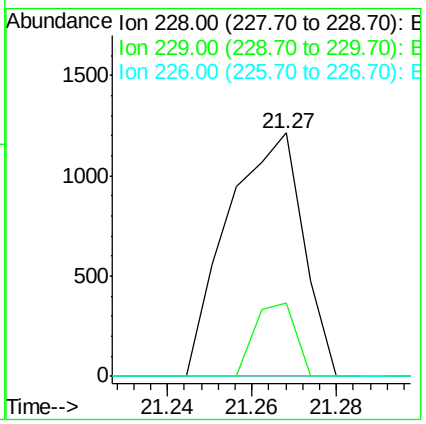


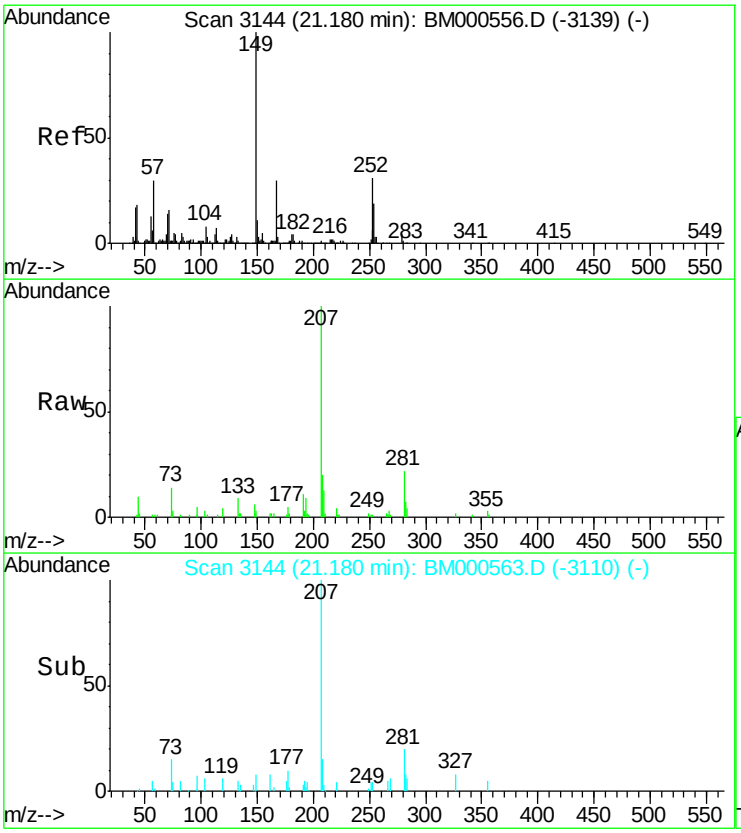
#80
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.27 min Scan# 3159
Delta R.T. 0.02 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:228 Resp: 1505

Ion	Ratio	Lower	Upper
228	100		
229	30.1	15.1	22.7#
226	0.0	20.4	30.6#

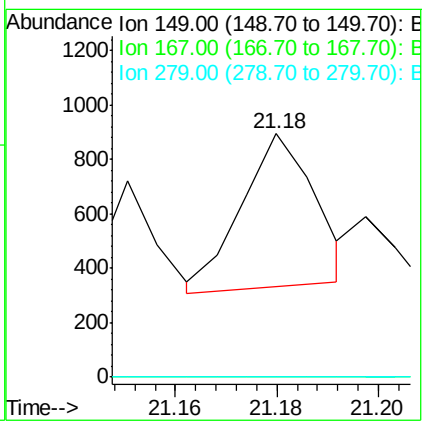


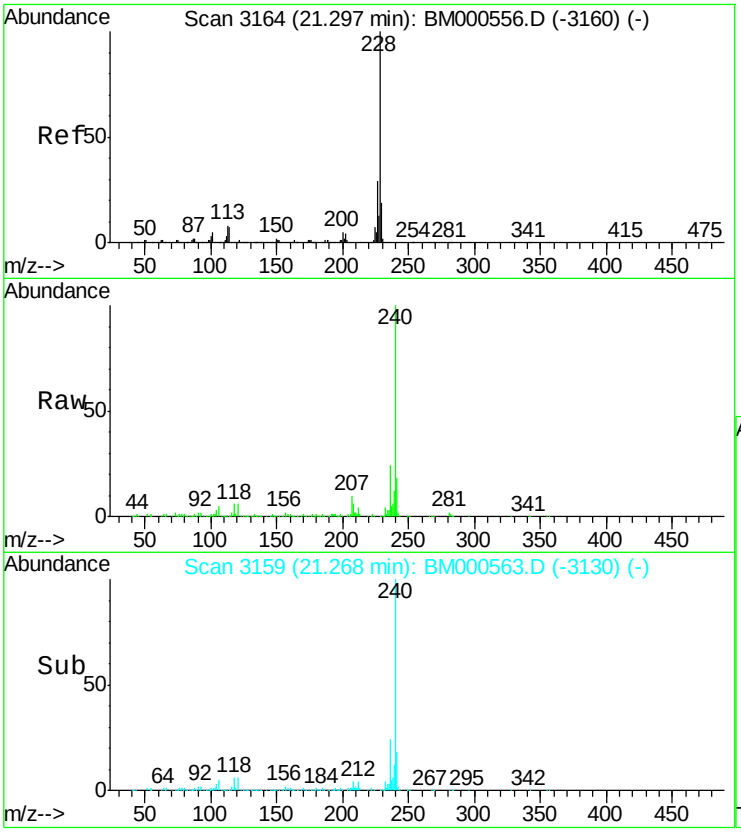


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng/ul
RT: 21.18 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion:149 Resp: 567

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.8	35.6#
279	0.0	3.4	5.2#



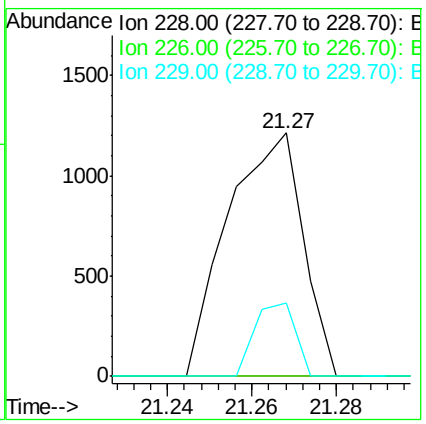


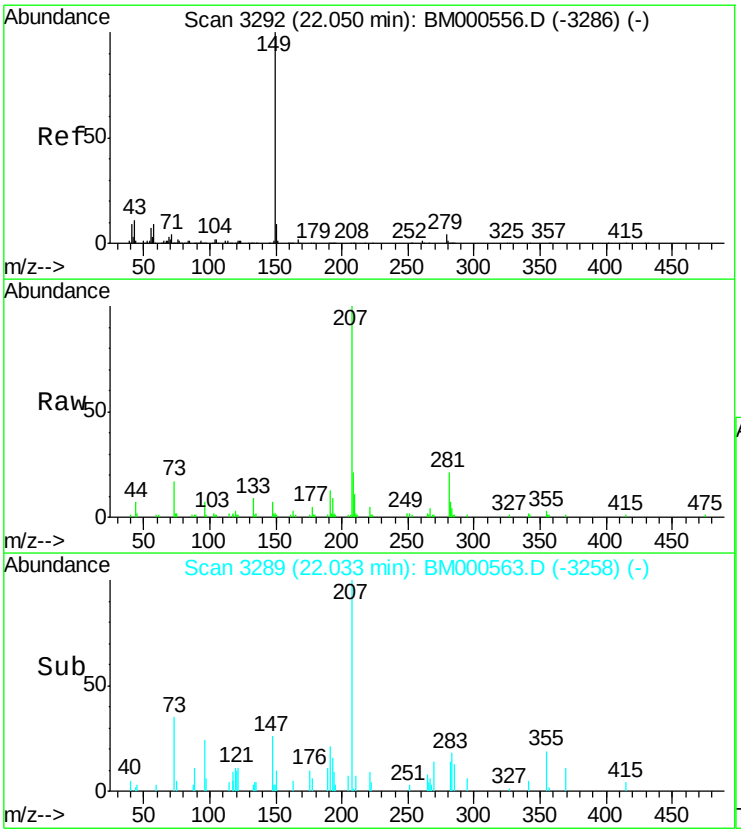
#82
Chrysene
Concen: 0.05 ng/ul
RT: 21.27 min Scan# 3159
Delta R.T. -0.03 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:228 Resp: 1505

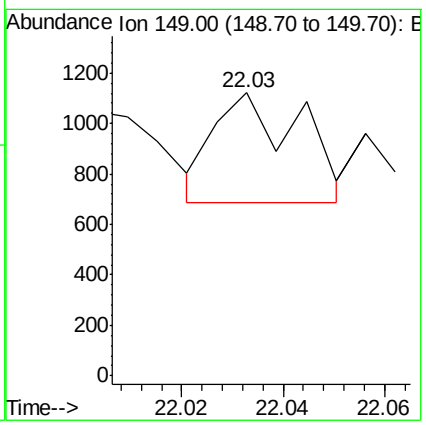
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	30.1	15.3	22.9#

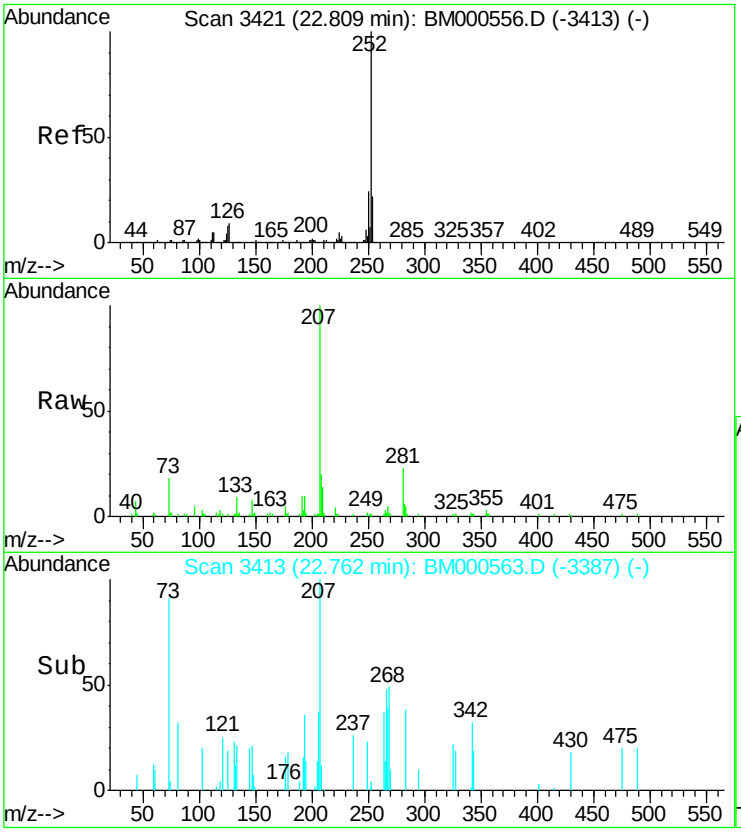




#84
Di-n-octyl phthalate
Concen: 0.02 ng/ul
RT: 22.03 min Scan# 3289
Delta R.T. -0.02 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion:149 Resp: 509



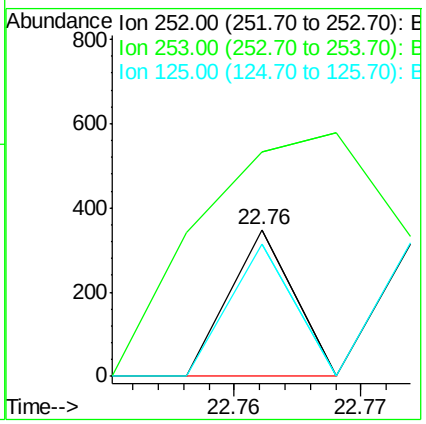


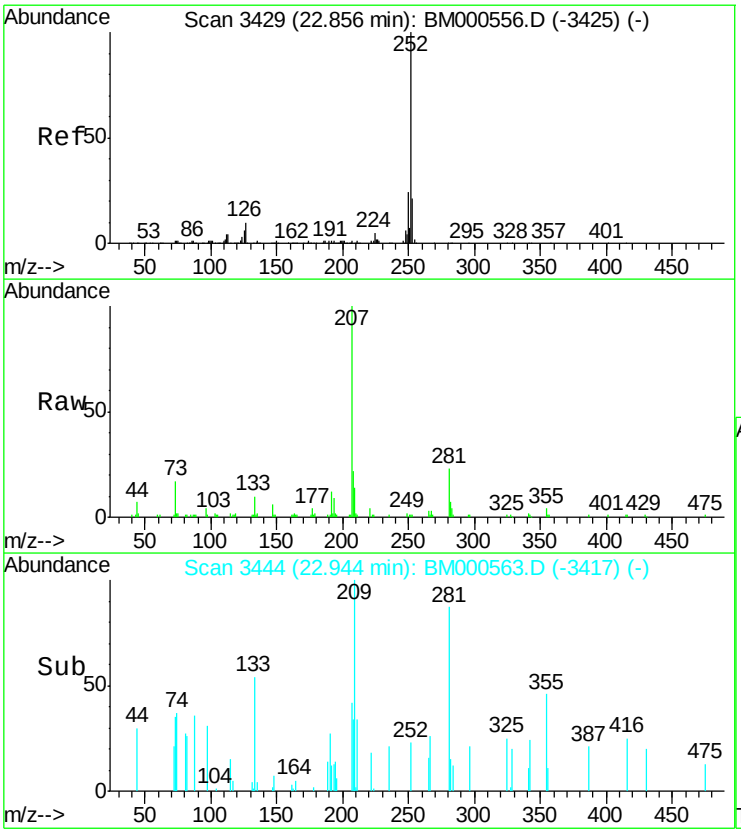
#85
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.76 min Scan# 3413
Delta R.T. -0.05 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:252 Resp: 123

Ion	Ratio	Lower	Upper
252	100		
253	152.7	17.4	26.0#
125	90.0	6.2	9.2#

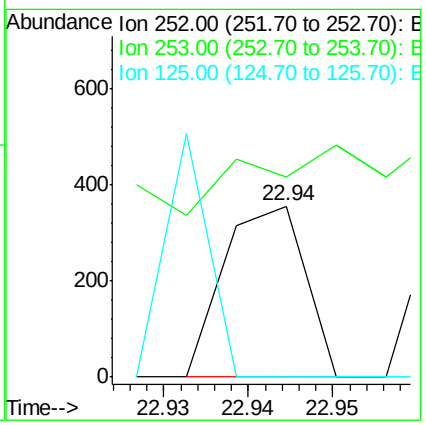


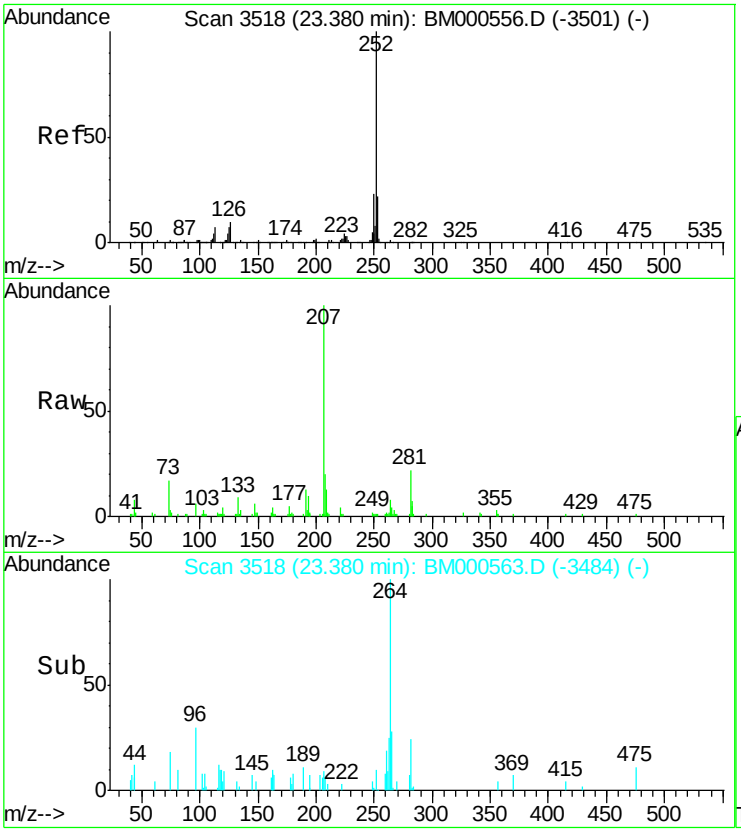


#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 22.94 min Scan# 3444
Delta R.T. 0.09 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Tgt Ion:252 Resp: 236

Ion	Ratio	Lower	Upper
252	100		
253	116.9	17.1	25.7#
125	0.0	5.3	7.9#





#88
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 23.38 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BM000563.D
Acq: 20 Feb 2015 16:44

Instrument :
BNA_M
ClientSampleId :
MDL-04-W

Tgt Ion:252 Resp: 282

Ion	Ratio	Lower	Upper
252	100		
253	113.0	17.5	26.3#
125	0.0	5.4	8.0#