Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000575.D
Acq On : 21 Feb 2015 01:01
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SOIL-3PPM-SOM0
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-07-S

Quant Time: Feb 21 03:37:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 03:20:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	102286	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	444665	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	294063	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	631770	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	502817	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	406926	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.85	99	218689	29.37	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	140779	31.99	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	190693	30.10	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	185481	29.38	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	92679	31.06	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	109420	31.67	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	204622	27.96	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	286533	43.89	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	686930	32.28	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	863743	30.29	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	89460	26.28	ng/ul	0.00
55) Fluorene-d10	15.32	176	630677	30.32	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	82512	22.47	ng/ul	0.00
68) Anthracene-d10	17.17	188	926996	31.02	ng/ul	0.00
76) Pyrene-d10	19.46	212	897996	30.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	597824	31.34	ng/ul	0.00
Target Compounds						Qvalue
6) Bis(2-Chloroethyl)ether	7.10	93	382	0.07	ng/ul#	77
10) 2,2'-oxybis(1-Chloropropan	8.38	45	1568	0.13	ng/ul#	75
13) N-Nitroso-di-n-propylamine	8.38	70	5007	1.03	ng/ul#	1
18) Nitrobenzene	8.83	77	768	0.10	ng/ul#	27
19) Isophorone	9.55	82	11686	0.88	ng/ul#	70
42) Dimethylphthalate	13.74	163	491	0.02	ng/ul#	1
43) 2,6-Dinitrotoluene	13.74	165	5336	1.29	ng/ul#	37
50) 4-Nitrophenol	14.64	109	1623	0.45	ng/ul#	1
56) Fluorene	15.31	166	1287	0.06	ng/ul#	11
58) 4-Nitroaniline	15.31	138	125	0.03	ng/ul#	1
62) N-Nitrosodiphenylamine	15.44	169	419	0.02	ng/ul#	1
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	19457	2.08	ng/uL	99
71) Pentachlorobenzene	14.64	250	39892	4.45	ng/uL	98
77) Pyrene	19.46	202	1015	0.03	ng/ul#	1
78) Butylbenzylphthalate	20.40	149	126	0.01	ng/ul#	25
80) Benzo(a)anthracene	21.26	228	1252	0.04	ng/ul#	53
81) Bis(2-ethylhexyl)phthalate	21.18	149	284	0.02	ng/ul#	50
82) Chrysene	21.26	228	1252	0.05	ng/ul#	51
84) Di-n-octyl phthalate	22.04	149	587	0.02	ng/ul	100
88) Benzo(a)pyrene	23.37	252	142	0.01	ng/ul#	1

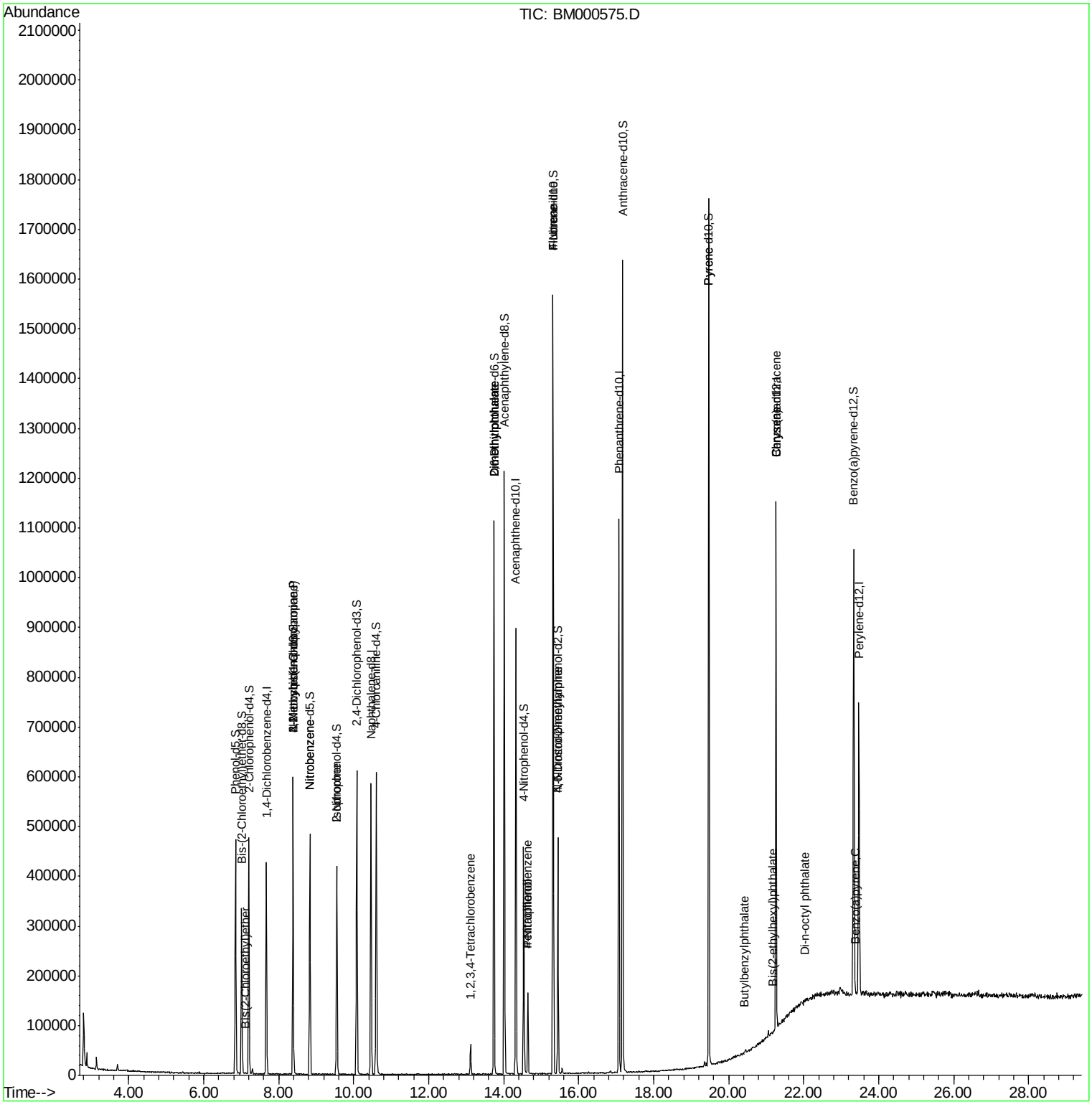
(#) = qualifier out of range (m) = manual integration (+) = signals summed

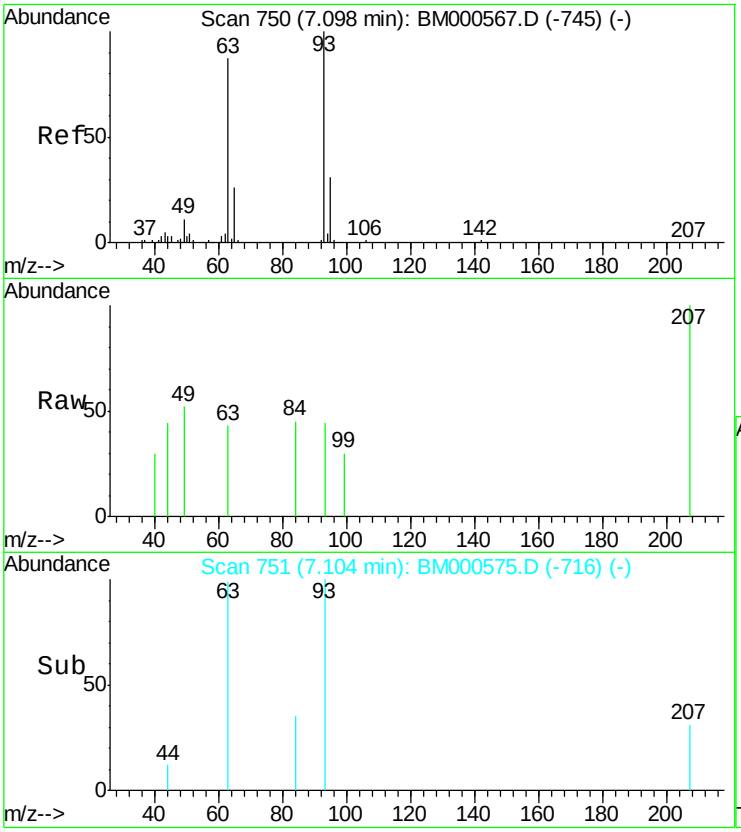
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000575.D
Acq On : 21 Feb 2015 01:01
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SOIL-3PPM-SOM0
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Quant Time: Feb 21 03:37:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 03:20:44 2015
Response via : Initial Calibration



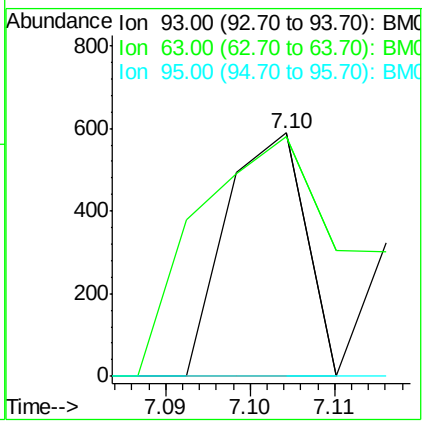


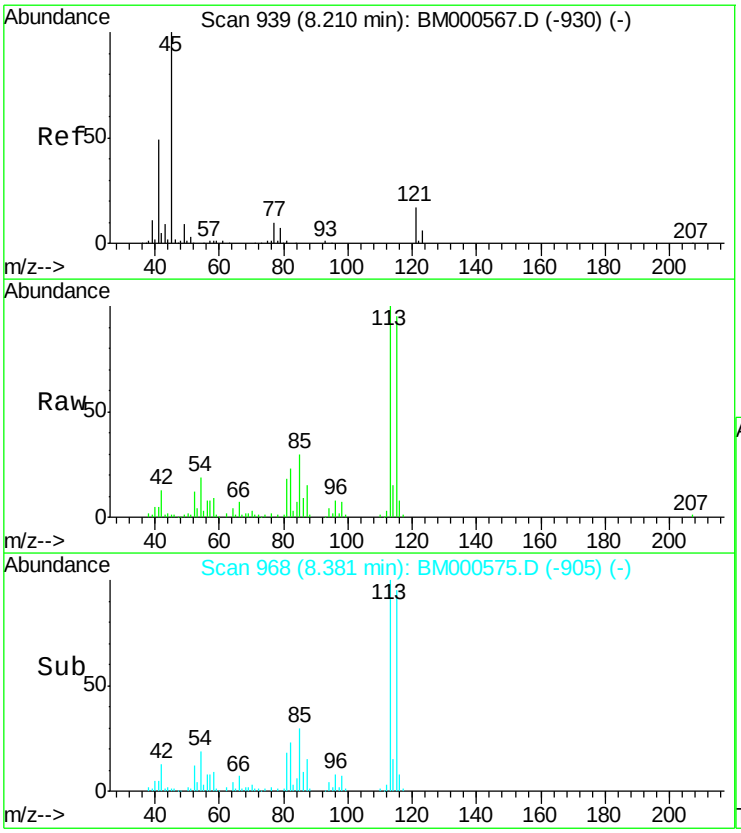
#6
Bis(2-Chloroethyl)ether
Concen: 0.07 ng/ul
RT: 7.10 min Scan# 751
Delta R.T. 0.01 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion: 93 Resp: 382

Ion	Ratio	Lower	Upper
93	100		
63	98.6	71.2	106.8
95	0.0	26.1	39.1#

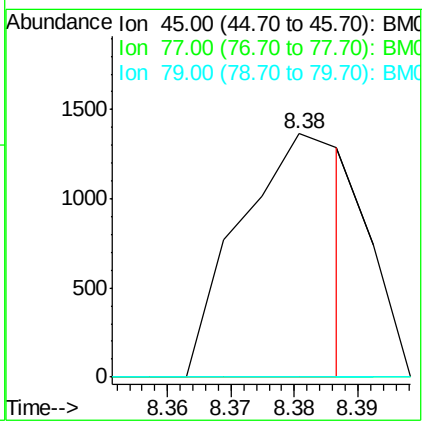


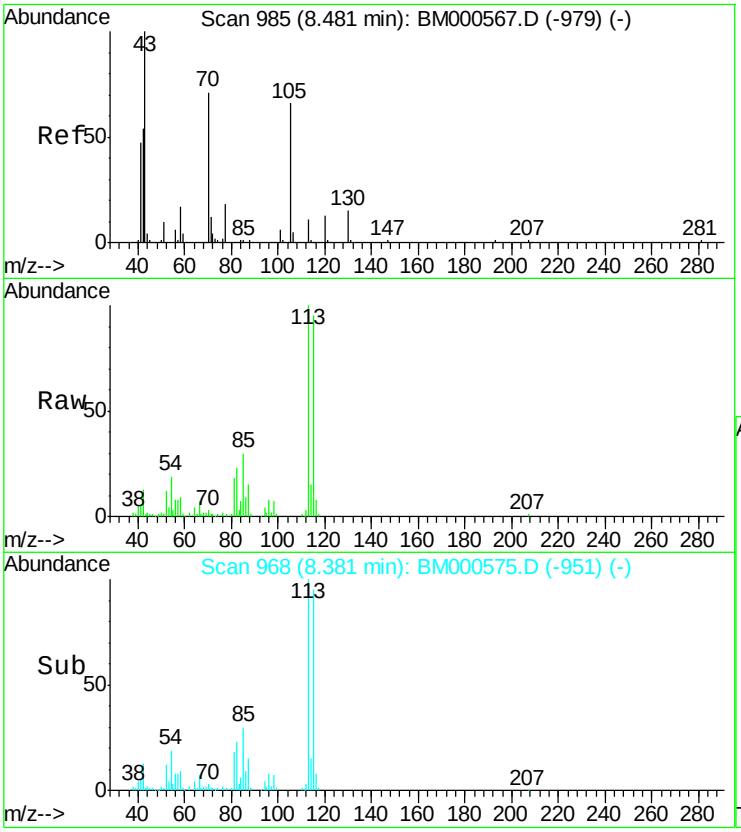


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.13 ng/ul
RT: 8.38 min Scan# 968
Delta R.T. 0.17 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion: 45 Resp: 1568

Ion	Ratio	Lower	Upper
45	100		
77	0.0	8.2	12.2#
79	0.0	5.8	8.6#



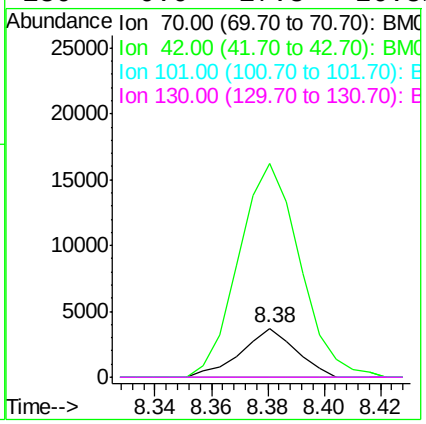


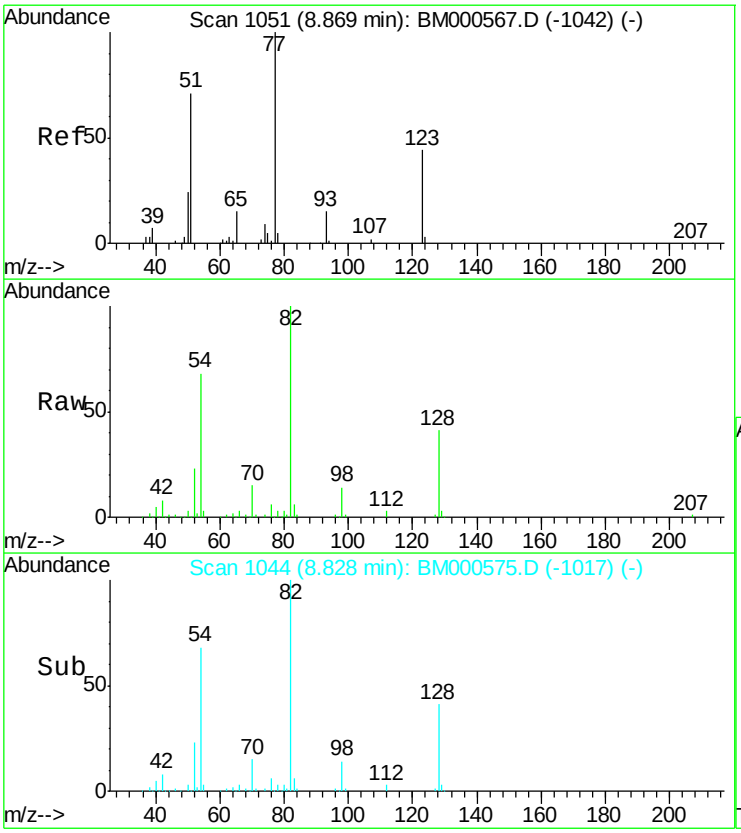
#13
N-Nitroso-di-n-propylamine
Concen: 1.03 ng/ul
RT: 8.38 min Scan# 968
Delta R.T. -0.10 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion: 70 Resp: 5007

Ion	Ratio	Lower	Upper
70	100		
42	436.8	63.3	94.9#
101	0.0	8.2	12.4#
130	0.0	17.8	26.8#

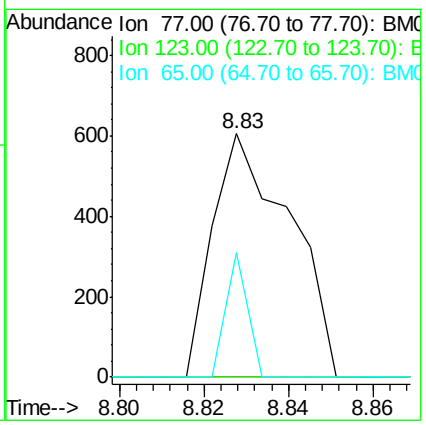


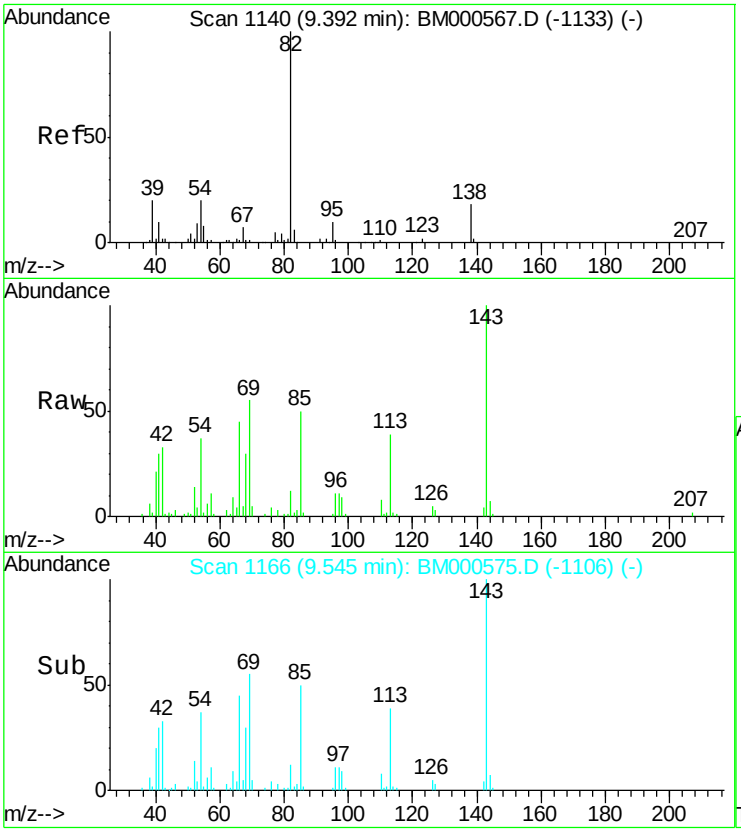


#18
Nitrobenzene
Concen: 0.10 ng/ul
RT: 8.83 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion: 77 Resp: 768

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.7	53.5#
65	51.2	12.3	18.5#



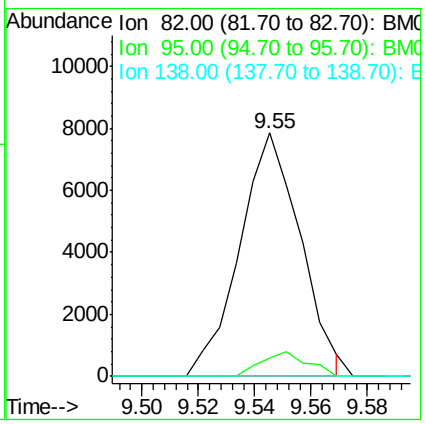


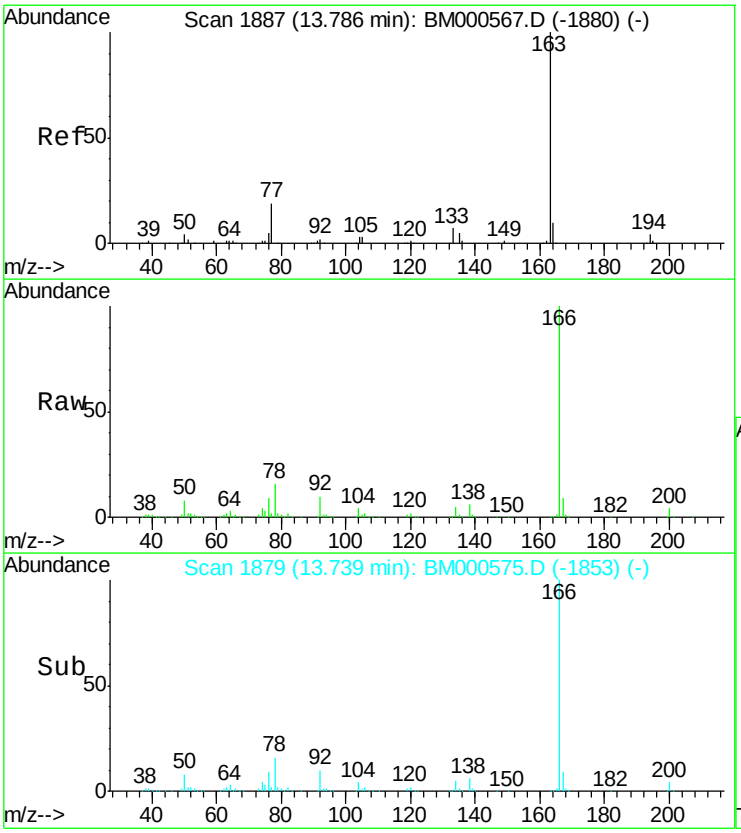
#19
Isophorone
Concen: 0.88 ng/ul
RT: 9.55 min Scan# 1166
Delta R.T. 0.15 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion: 82 Resp: 11686

Ion	Ratio	Lower	Upper
82	100		
95	7.5	7.0	10.4
138	0.0	15.1	22.7#

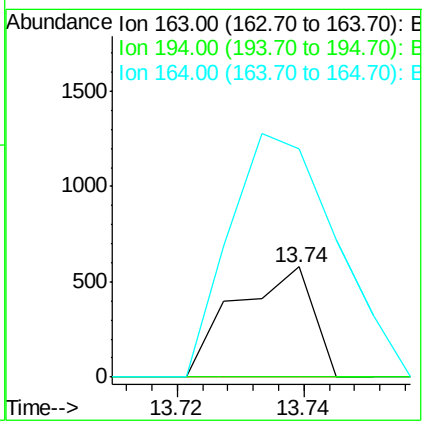


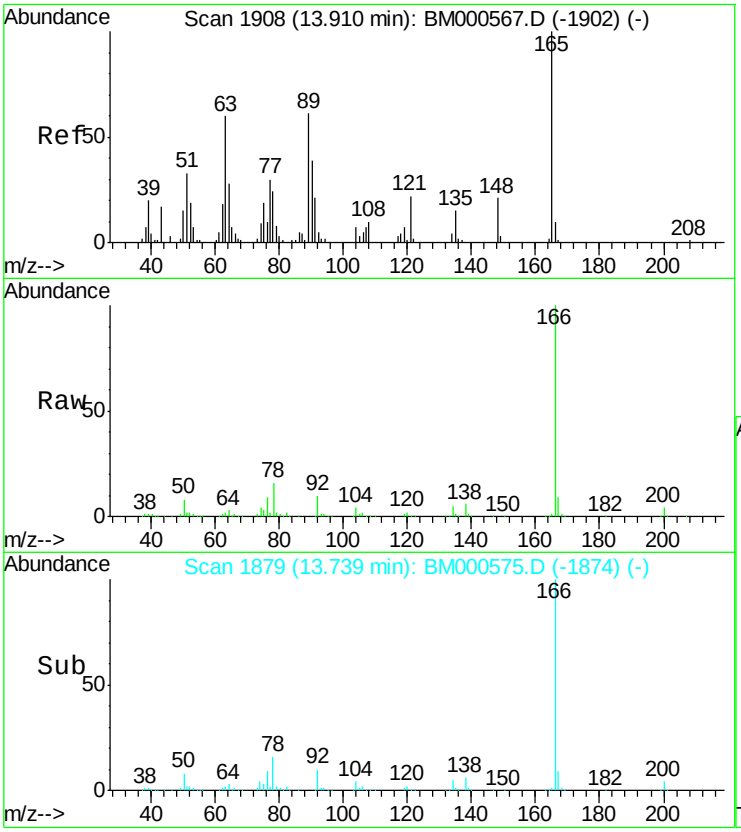


#42
Dimethylphthalate
Concen: 0.02 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion:163 Resp: 491

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	206.7	7.9	11.9#



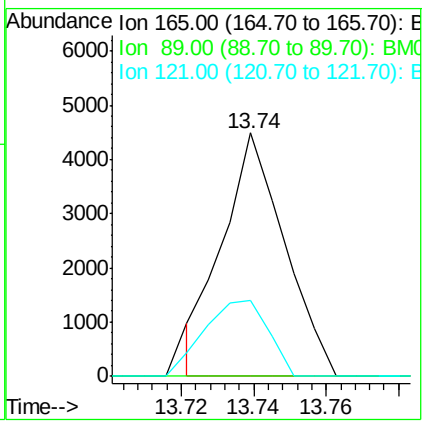


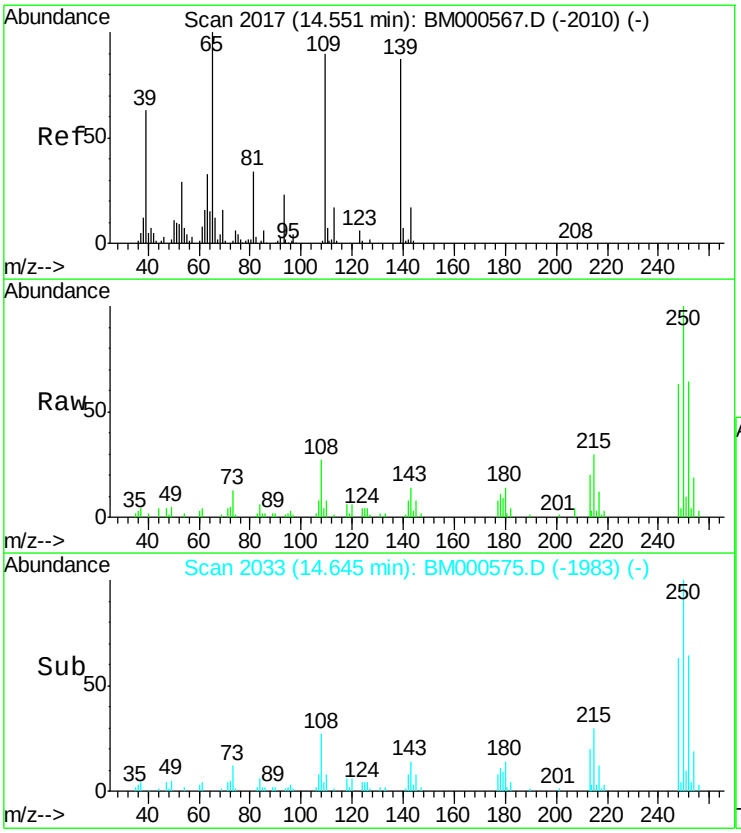
#43
2,6-Dinitrotoluene
Concen: 1.29 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.17 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:165 Resp: 5336

Ion	Ratio	Lower	Upper
165	100		
89	0.0	47.8	71.8#
121	31.4	18.1	27.1#

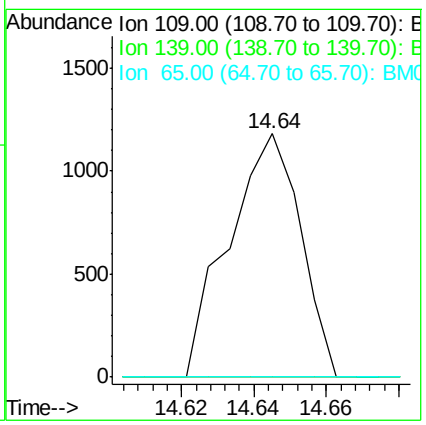


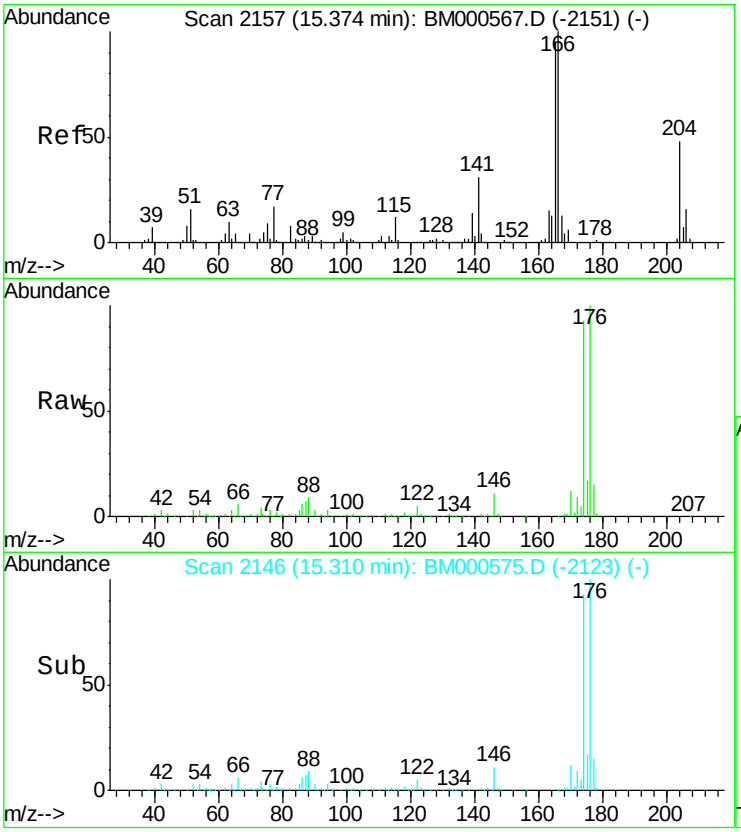


#50
4-Nitrophenol
Concen: 0.45 ng/ul
RT: 14.64 min Scan# 2033
Delta R.T. 0.09 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion:109 Resp: 1623

Ion	Ratio	Lower	Upper
109	100		
139	0.0	78.2	117.4#
65	0.0	93.7	140.5#



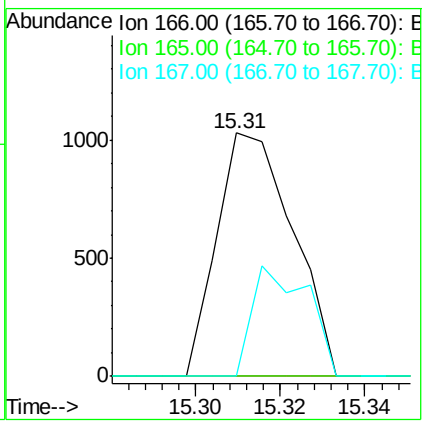


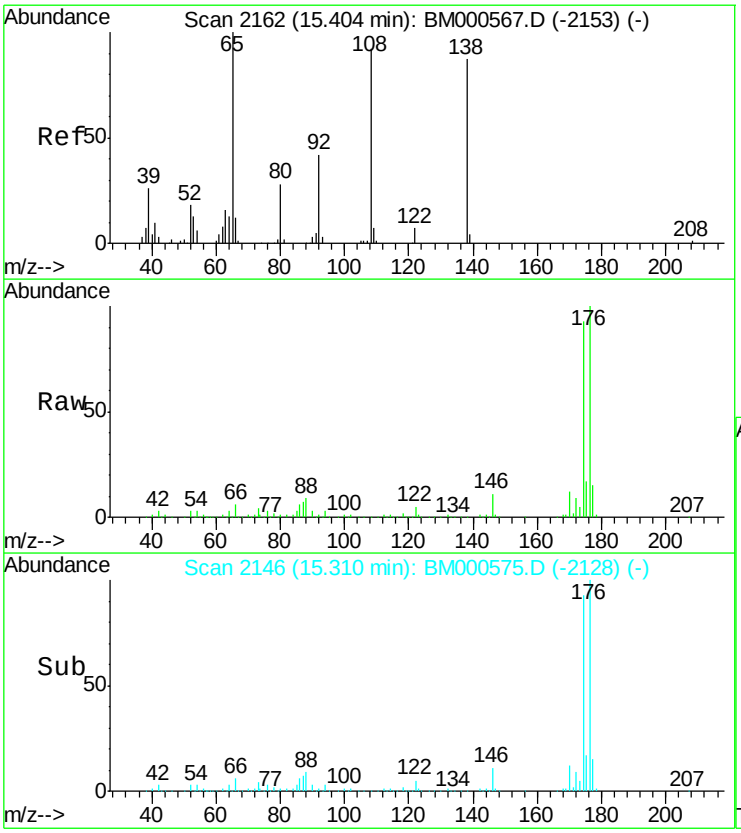
#56
Fluorene
Concen: 0.06 ng/ul
RT: 15.31 min Scan# 2146
Delta R.T. -0.06 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:166 Resp: 1287

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

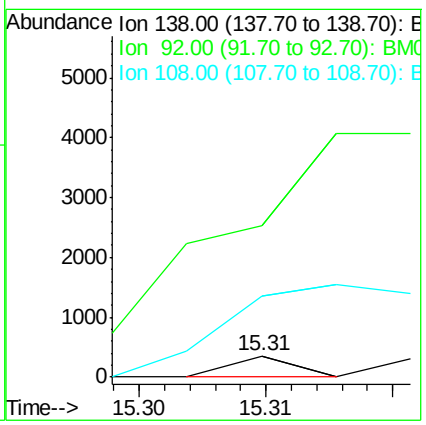


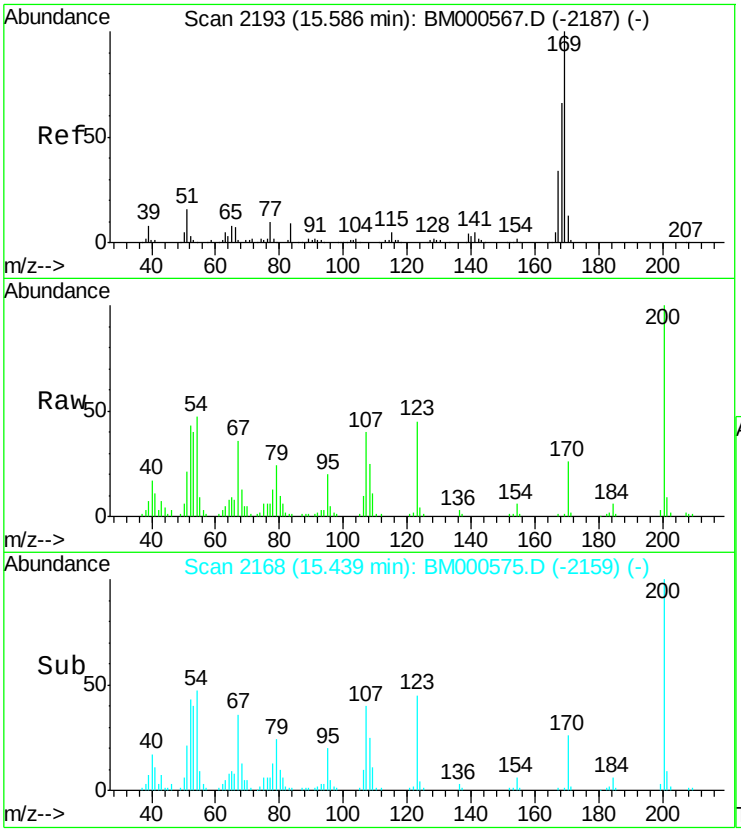


#58
4-Nitroaniline
Concen: 0.03 ng/ul
RT: 15.31 min Scan# 2146
Delta R.T. -0.09 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion:138 Resp: 125

Ion	Ratio	Lower	Upper
138	100		
92	714.4	42.2	63.2#
108	379.2	83.5	125.3#



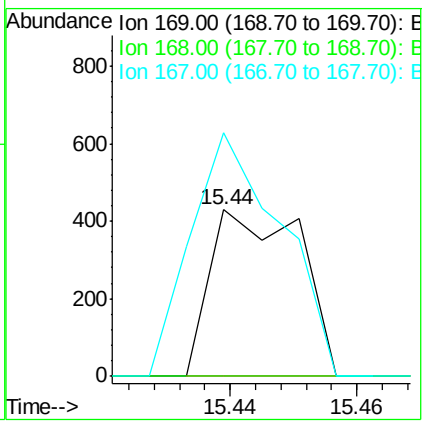


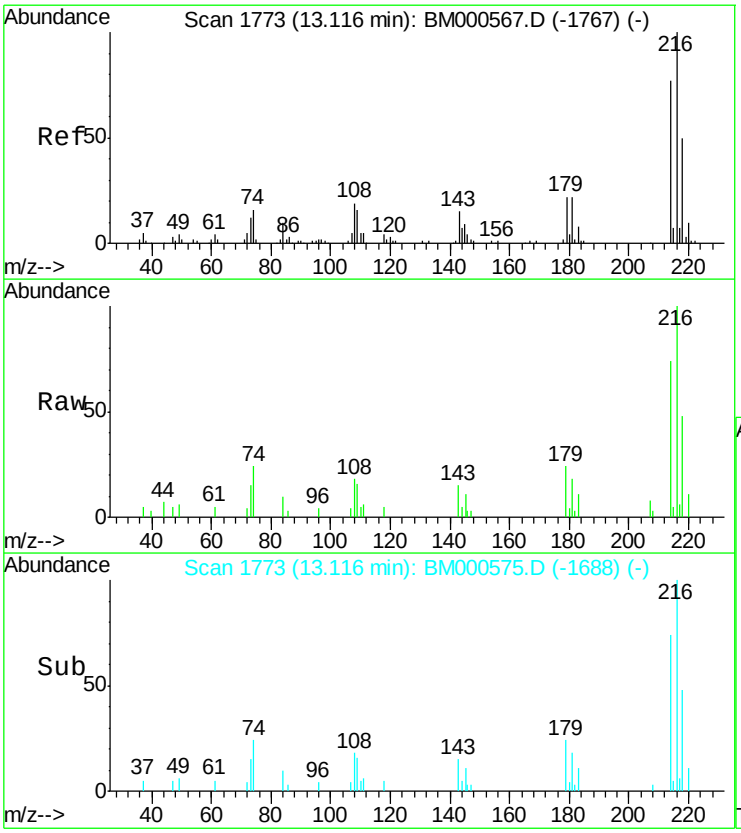
#62
N-Nitrosodiphenylamine
Concen: 0.02 ng/ul
RT: 15.44 min Scan# 2168
Delta R.T. -0.15 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:169 Resp: 419

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.3	79.9#
167	146.4	29.4	44.2#

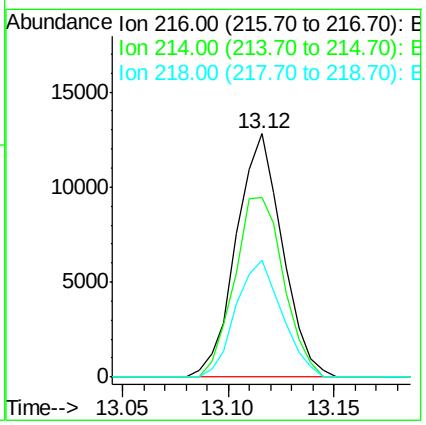


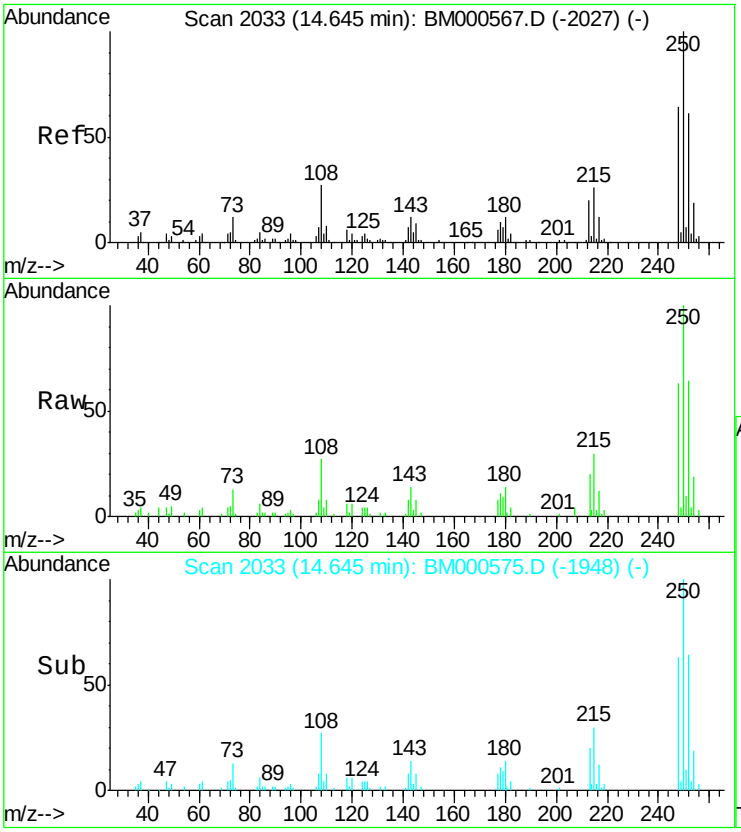


#70
1,2,3,4-Tetrachlorobenzene
Concen: 2.08 ng/uL
RT: 13.12 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion:216 Resp: 19457

Ion	Ratio	Lower	Upper
216	100		
214	73.9	59.1	88.7
218	47.9	37.6	56.4



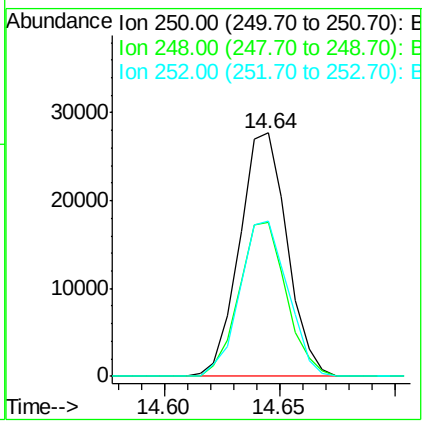


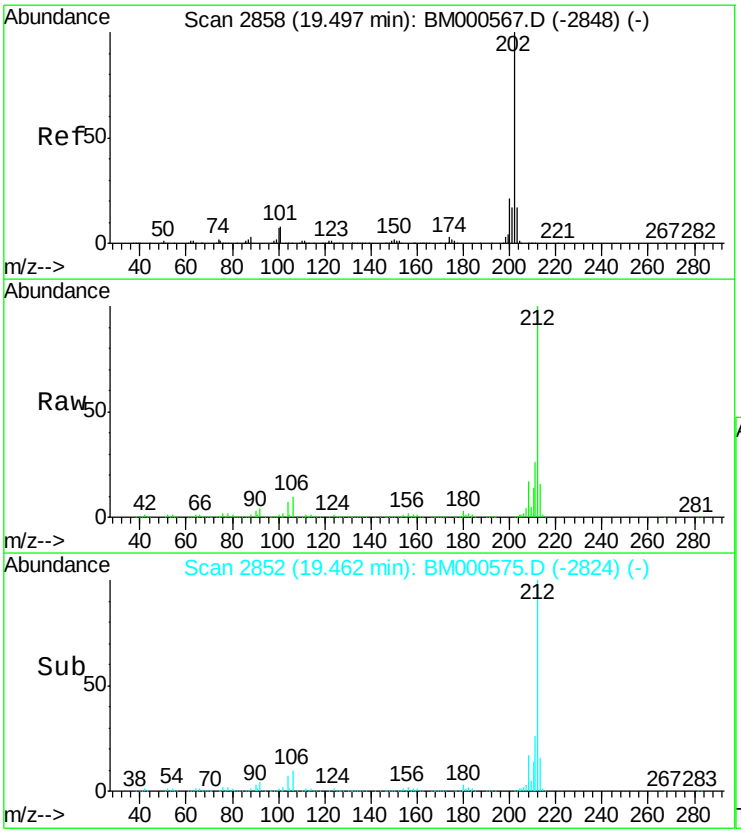
#71
Pentachlorobenzene
Concen: 4.45 ng/uL
RT: 14.64 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:250 Resp: 39892

Ion	Ratio	Lower	Upper
250	100		
248	63.3	52.4	78.6
252	64.0	51.5	77.3

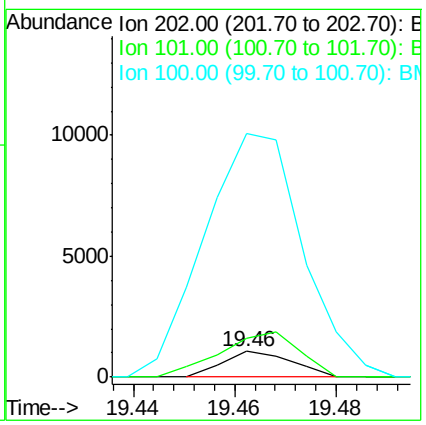


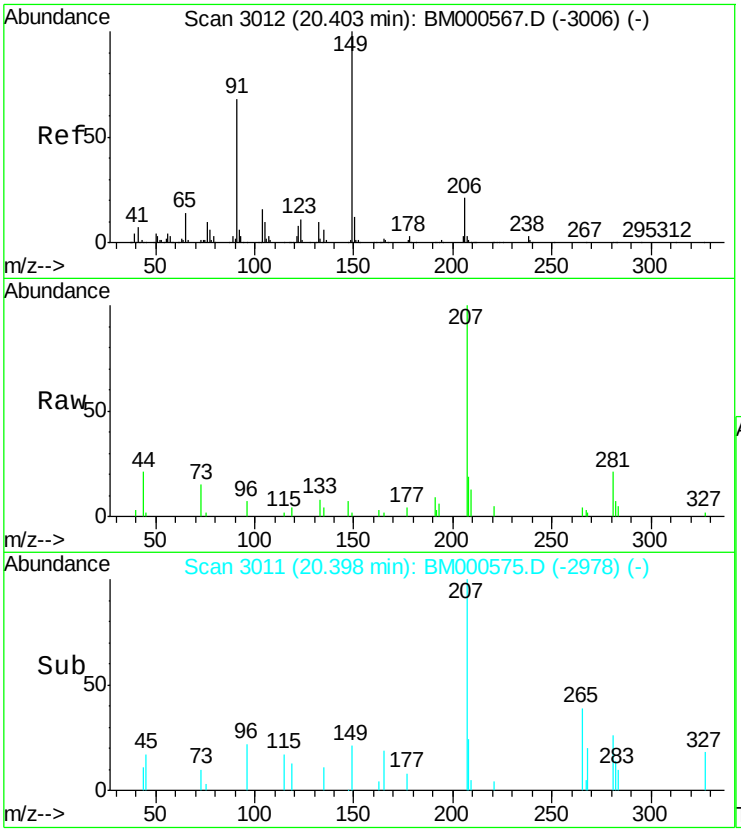


#77
Pyrene
Concen: 0.03 ng/ul
RT: 19.46 min Scan# 2852
Delta R.T. -0.04 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion:202 Resp: 1015

Ion	Ratio	Lower	Upper
202	100		
101	150.4	7.2	10.8#
100	940.1	5.9	8.9#



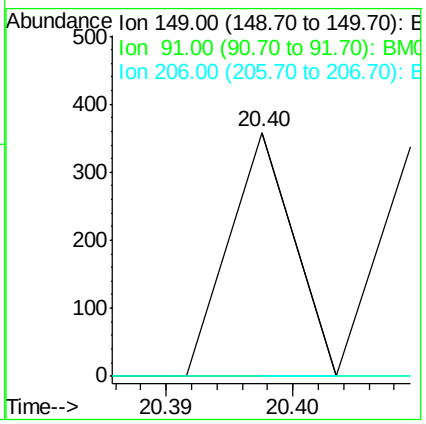


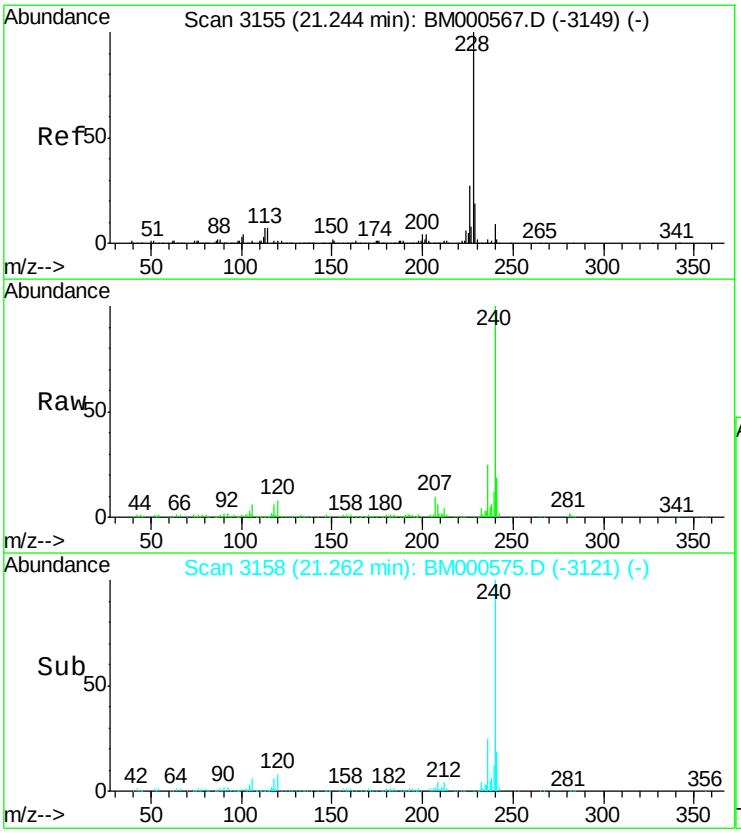
#78
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.40 min Scan# 3011
Delta R.T. -0.01 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:149 Resp: 126

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

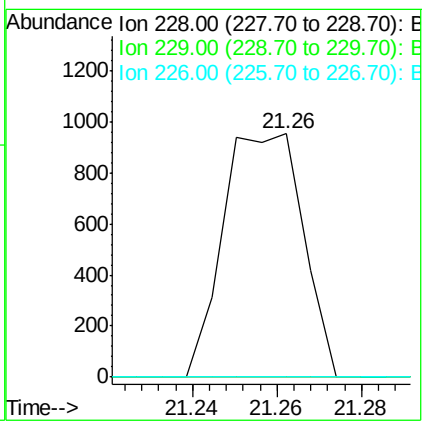


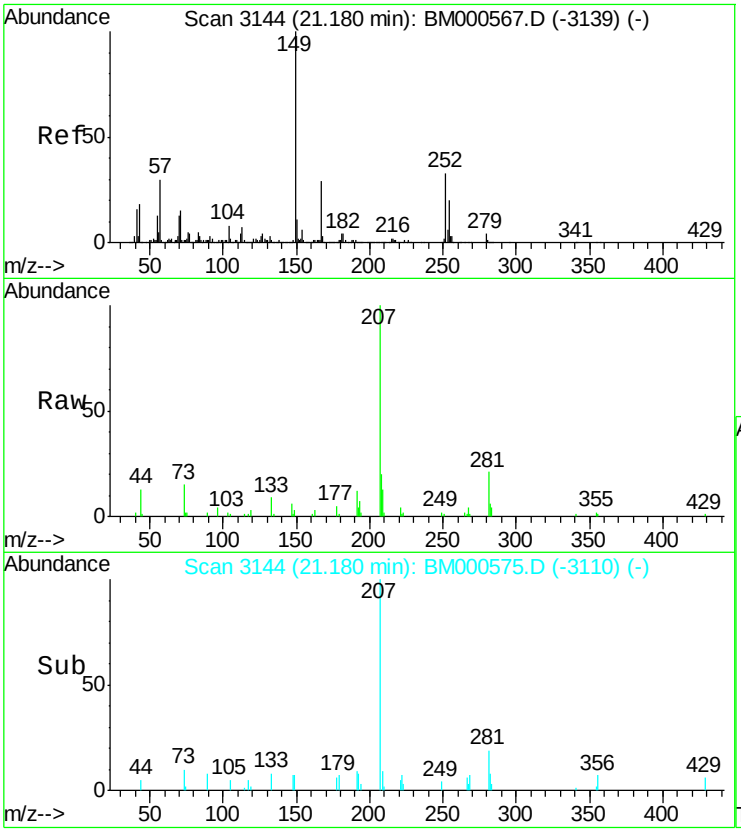


#80
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. 0.02 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion:228 Resp: 1252

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



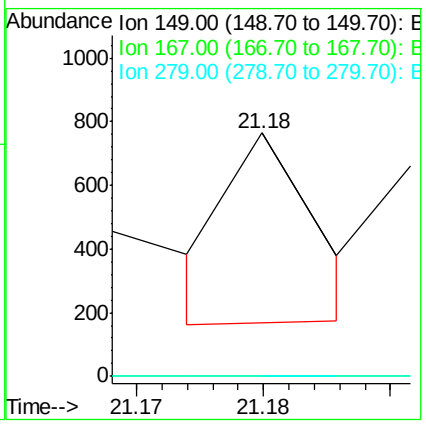


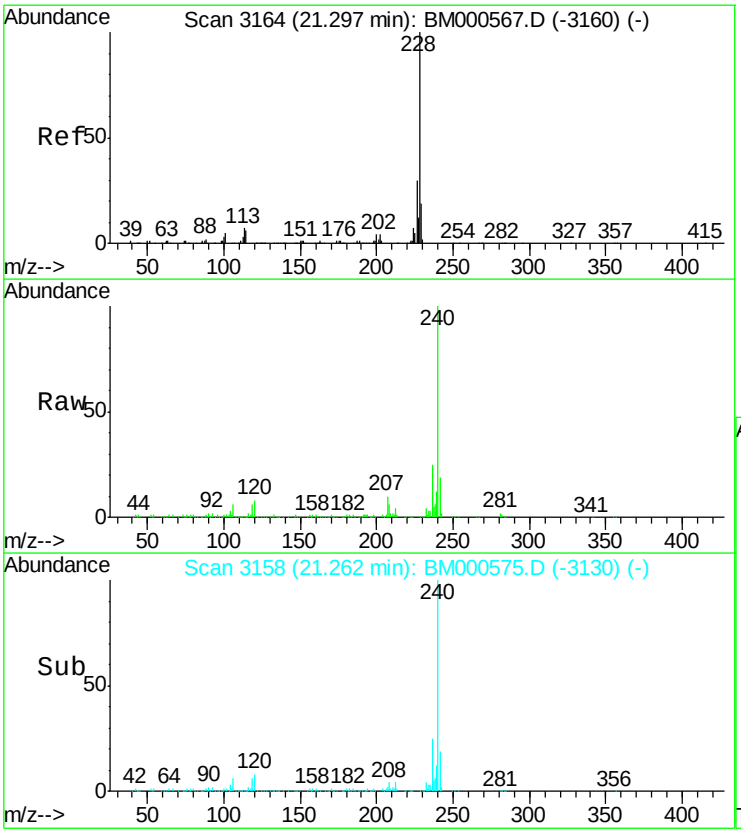
#81
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng/ul
RT: 21.18 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:149 Resp: 284

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

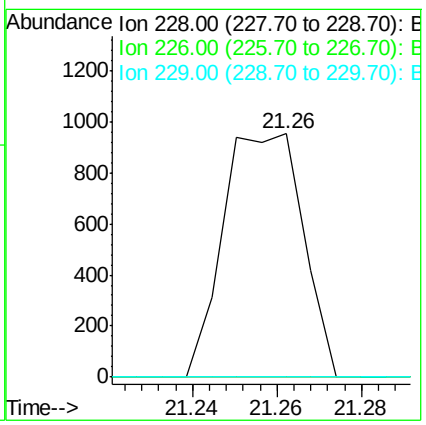


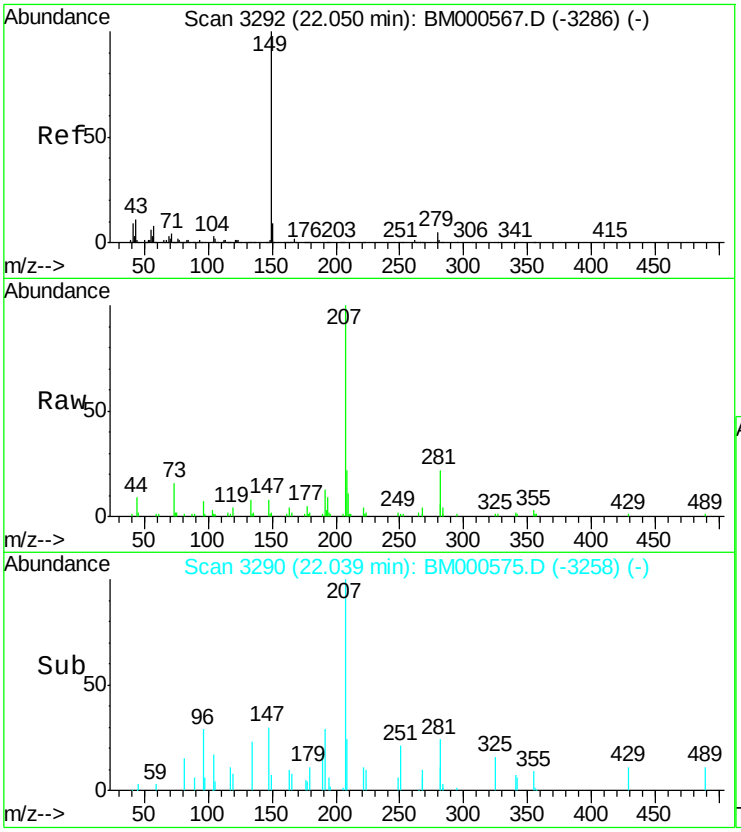


#82
Chrysene
Concen: 0.05 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. -0.04 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion:228 Resp: 1252

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

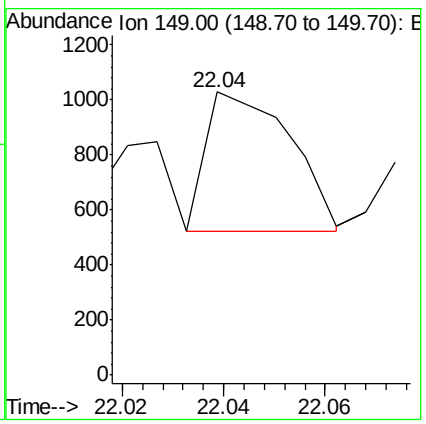


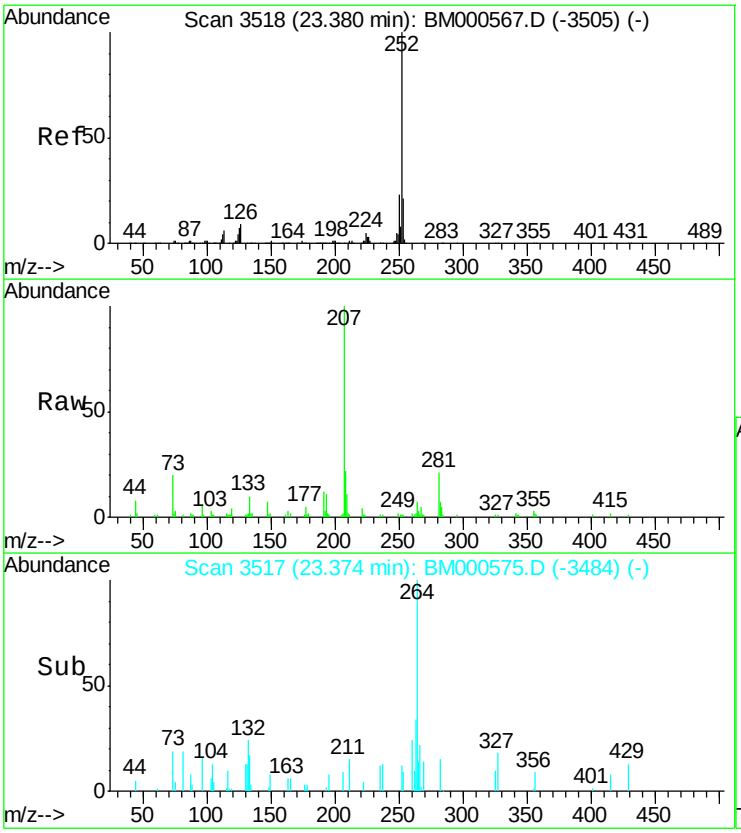


#84
Di-n-octyl phthalate
Concen: 0.02 ng/ul
RT: 22.04 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Tgt Ion:149 Resp: 587





#88
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM000575.D
Acq: 21 Feb 2015 01:01

Tgt Ion:252 Resp: 142

Ion	Ratio	Lower	Upper
252	100		
253	147.6	17.5	26.3#
125	0.0	5.4	8.0#