Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000573.D
Acq On : 20 Feb 2015 23:49
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SOIL-3PPM-SOM0
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-05-S

Quant Time: Feb 21 03:36:55 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	94829	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	406121	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.32	164	255006	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	525320	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	464056	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	386225	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.85	99	186026	26.95	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	121721	29.84	ng/ul	0.00
7) 2-Chlorophenol-d4	7.20	132	165627	28.20	ng/ul	0.00
11) 4-Methylphenol-d8	8.38	113	159348	27.23	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	78360	28.75	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	94307	29.89	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.08	165	176839	26.46	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	239531	40.18	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	560123	30.35	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	716337	28.97	ng/ul	0.00
49) 4-Nitrophenol-d4	14.53	143	70666	23.94	ng/ul	0.00
55) Fluorene-d10	15.32	176	519478	28.80	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.44	200	62467	20.46	ng/ul	0.00
68) Anthracene-d10	17.16	188	757822	30.50	ng/ul	0.00
76) Pyrene-d10	19.46	212	754563	27.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	547238	30.22	ng/ul	0.00
Target Compounds						Qvalue
6) Bis(2-Chloroethyl)ether	7.10	93	468	0.09	ng/ul#	76
10) 2,2'-oxybis(1-Chloropropan	8.38	45	1447	0.13	ng/ul#	75
13) N-Nitroso-di-n-propylamine	8.38	70	4112	0.92	ng/ul#	1
18) Nitrobenzene	8.82	77	588	0.08	ng/ul#	40
19) Isophorone	9.55	82	9230	0.76	ng/ul#	70
42) Dimethylphthalate	13.75	163	115	0.01	ng/ul#	1
43) 2,6-Dinitrotoluene	13.74	165	4259	1.19	ng/ul#	34
50) 4-Nitrophenol	14.65	109	1225	0.39	ng/ul#	1
56) Fluorene	15.32	166	1087	0.06	ng/ul#	11
62) N-Nitrosodiphenylamine	15.44	169	520	0.03	ng/ul#	27
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	17886	2.30	ng/uL	95
71) Pentachlorobenzene	14.65	250	34795	4.67	ng/uL	92
77) Pyrene	19.47	202	717	0.02	ng/ul#	1
78) Butylbenzylphthalate	20.41	149	122	0.01	ng/ul#	25
80) Benzo(a)anthracene	21.26	228	1233	0.05	ng/ul#	53
81) Bis(2-ethylhexyl)phthalate	21.17	149	334	0.02	ng/ul#	50
82) Chrysene	21.26	228	1233	0.05	ng/ul#	51
84) Di-n-octyl phthalate	22.04	149	351	0.01	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	150	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.33	252	2428	0.11	ng/ul#	6

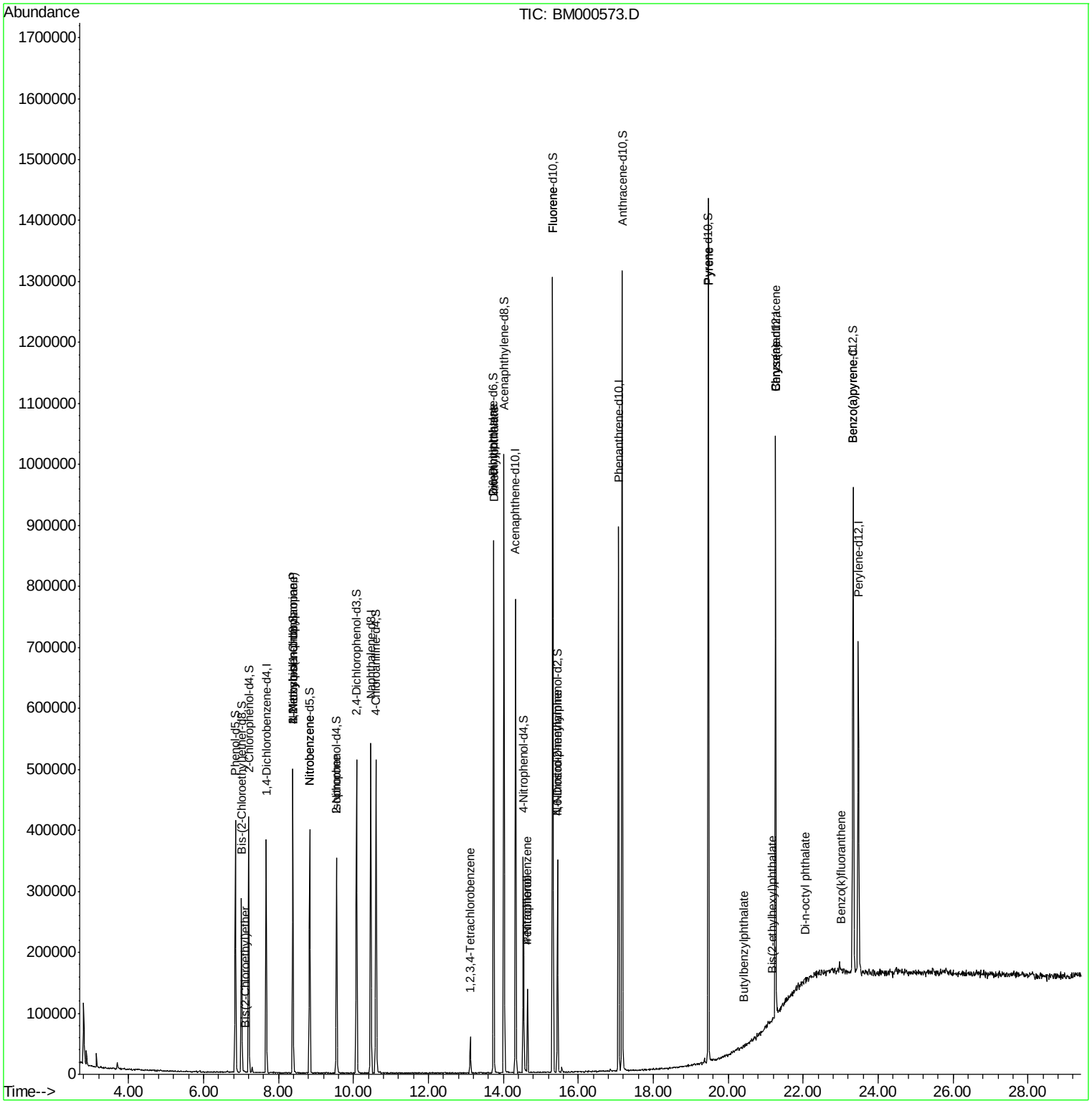
(#) = qualifier out of range (m) = manual integration (+) = signals summed

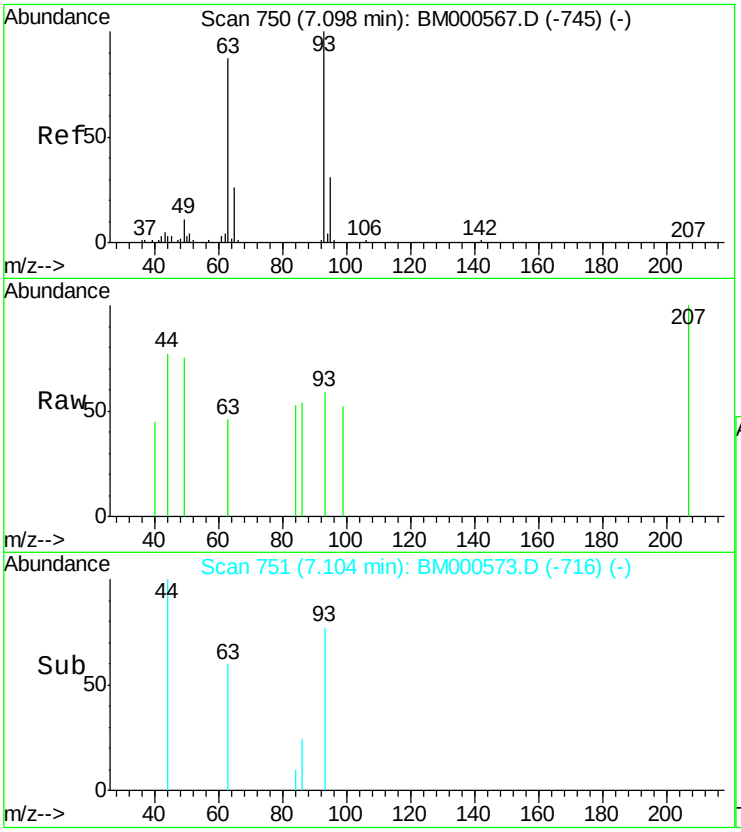
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000573.D
Acq On : 20 Feb 2015 23:49
Operator : TP/IZ
Sample : MDL-05-S
Misc : MDL-SOIL-3PPM-SOM0
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Quant Time: Feb 21 03:36:55 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



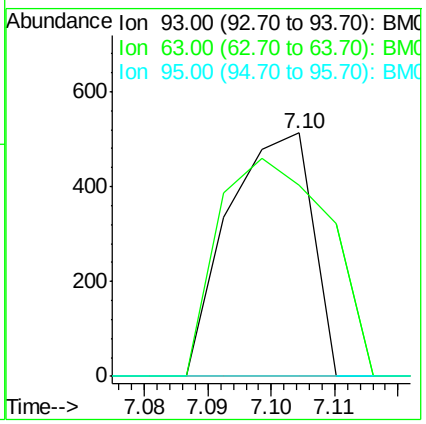


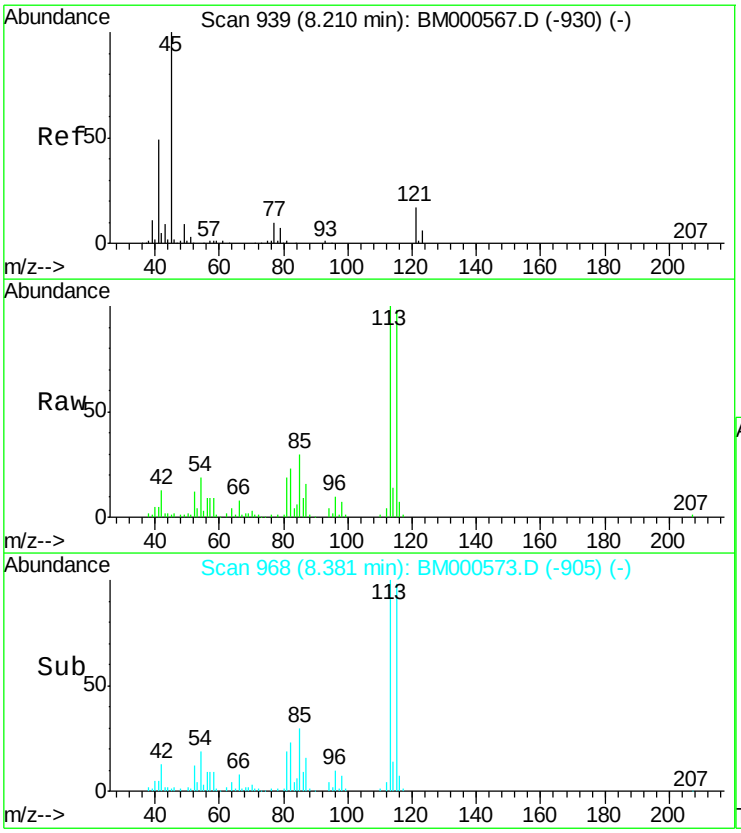
#6
Bis(2-Chloroethyl)ether
Concen: 0.09 ng/ul
RT: 7.10 min Scan# 751
Delta R.T. 0.01 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion: 93 Resp: 468

Ion	Ratio	Lower	Upper
93	100		
63	78.8	71.2	106.8
95	0.0	26.1	39.1#

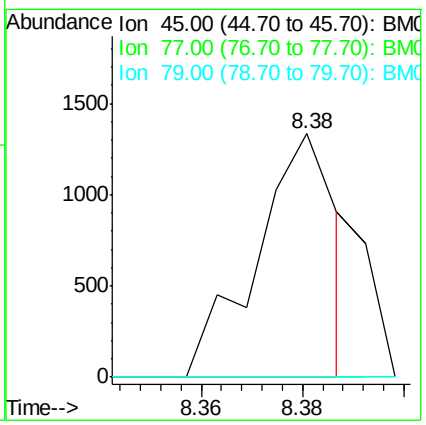


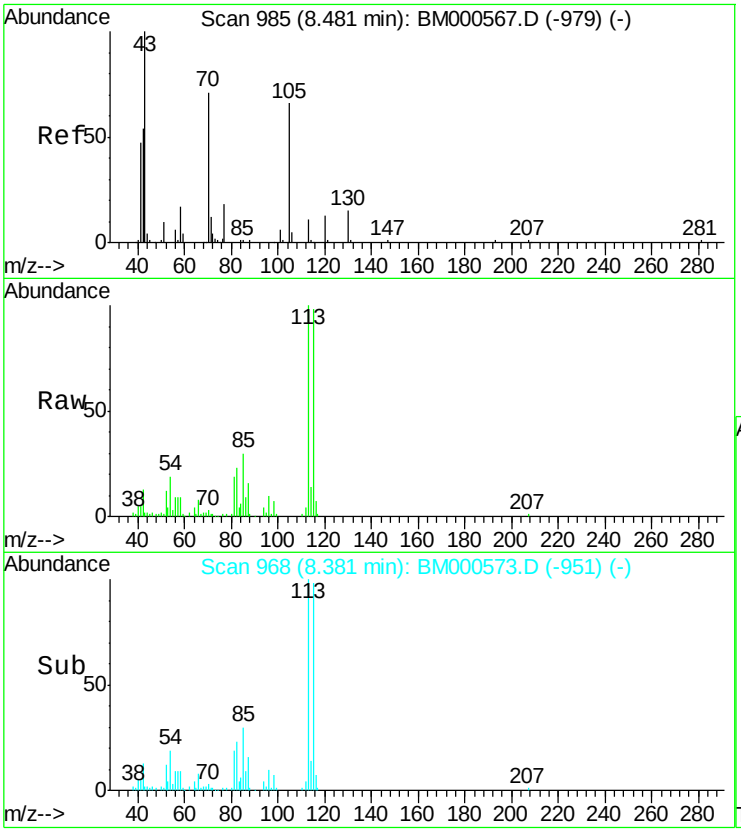


#10
2,2'-oxybis(1-Chloropropane)
Concen: 0.13 ng/ul
RT: 8.38 min Scan# 968
Delta R.T. 0.17 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion: 45 Resp: 1447

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



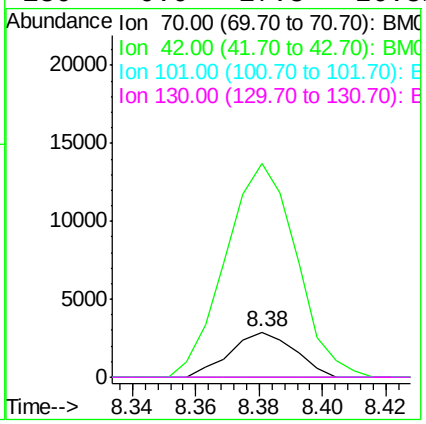


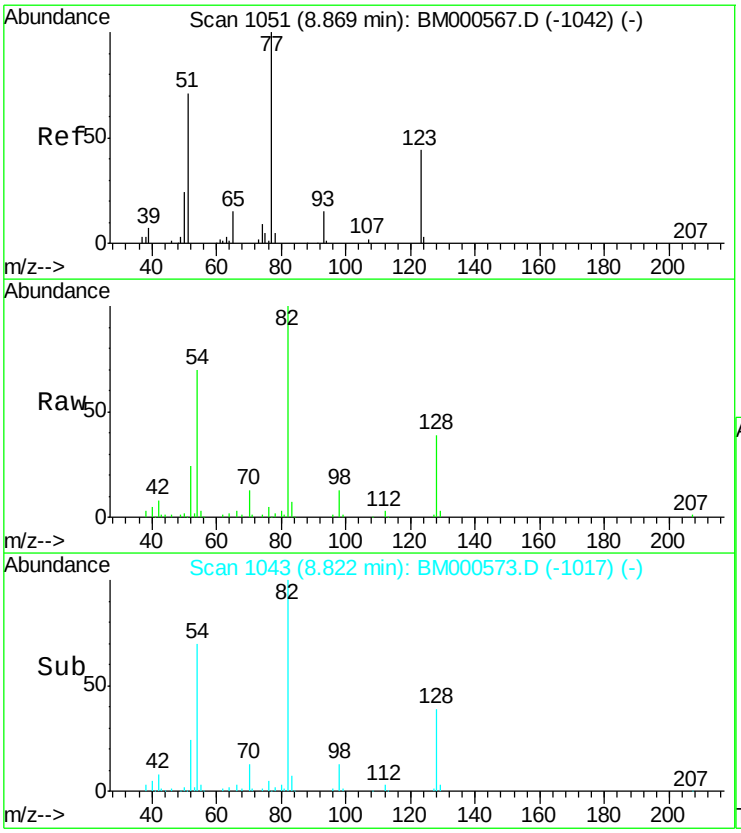
#13
N-Nitroso-di-n-propylamine
Concen: 0.92 ng/ul
RT: 8.38 min Scan# 968
Delta R.T. -0.10 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion: 70 Resp: 4112

Ion	Ratio	Lower	Upper
70	100		
42	476.8	63.3	94.9#
101	0.0	8.2	12.4#
130	0.0	17.8	26.8#

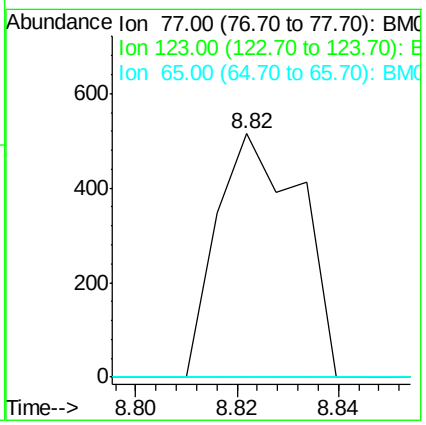


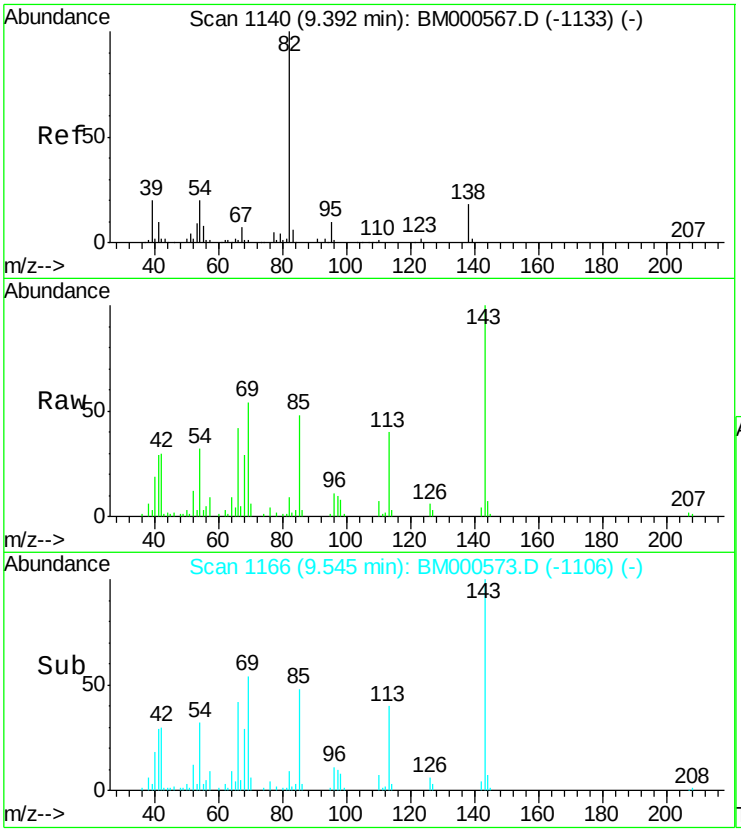


#18
Nitrobenzene
Concen: 0.08 ng/ul
RT: 8.82 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion: 77 Resp: 588

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



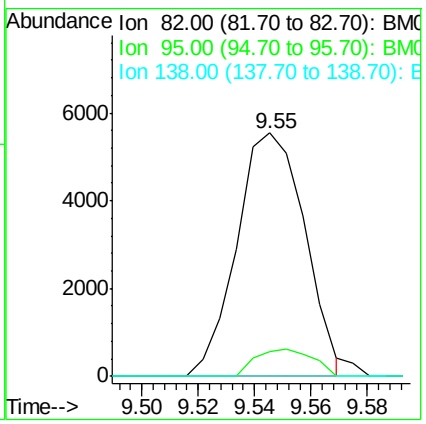


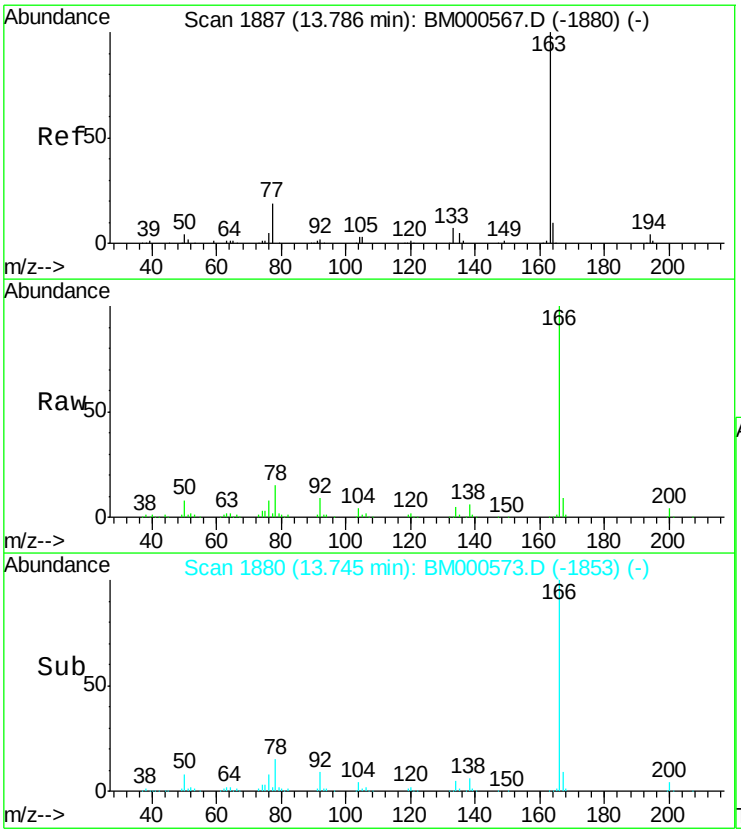
#19
Isophorone
Concen: 0.76 ng/ul
RT: 9.55 min Scan# 1166
Delta R.T. 0.15 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion: 82 Resp: 9230

Ion	Ratio	Lower	Upper
82	100		
95	10.2	7.0	10.4
138	0.0	15.1	22.7#

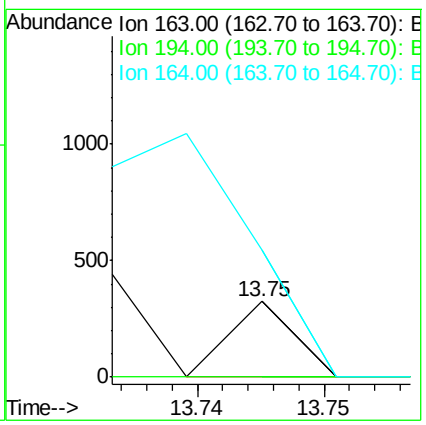


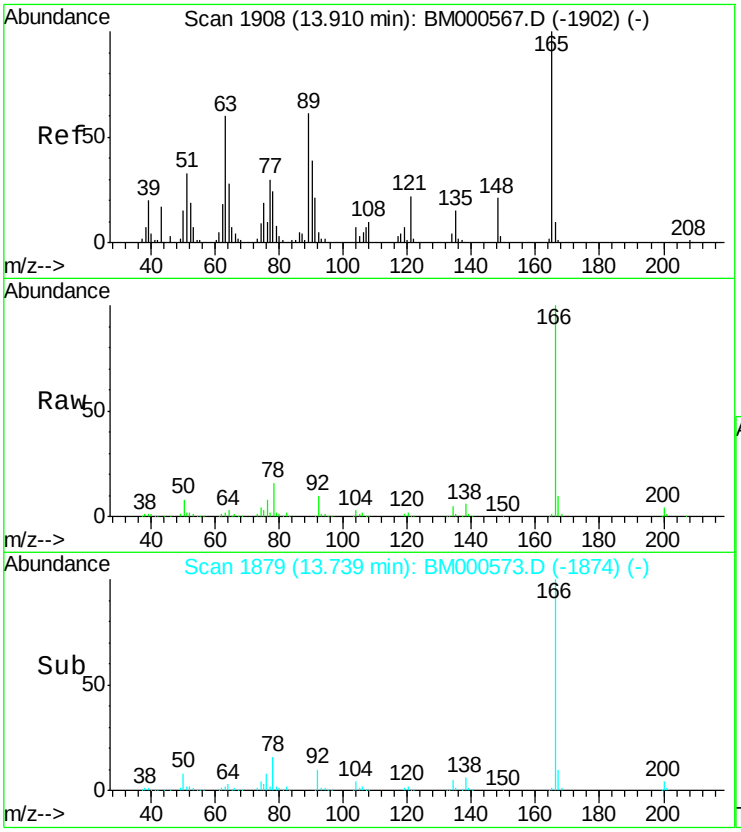


#42
Dimethylphthalate
Concen: 0.01 ng/ul
RT: 13.75 min Scan# 1880
Delta R.T. -0.04 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion:163 Resp: 115

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.3	4.9#
164	166.9	7.9	11.9#



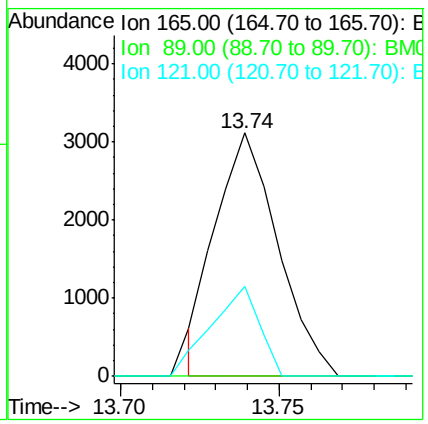


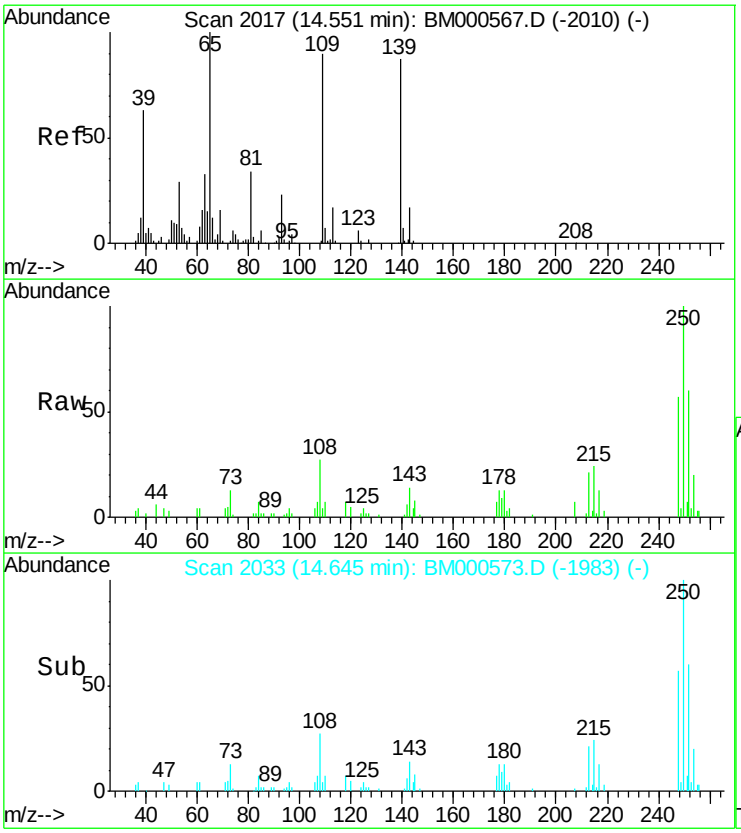
#43
2,6-Dinitrotoluene
Concen: 1.19 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.17 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:165 Resp: 4259

Ion	Ratio	Lower	Upper
165	100		
89	0.0	47.8	71.8#
121	37.2	18.1	27.1#

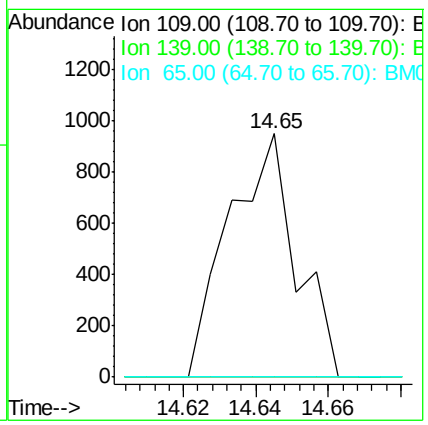


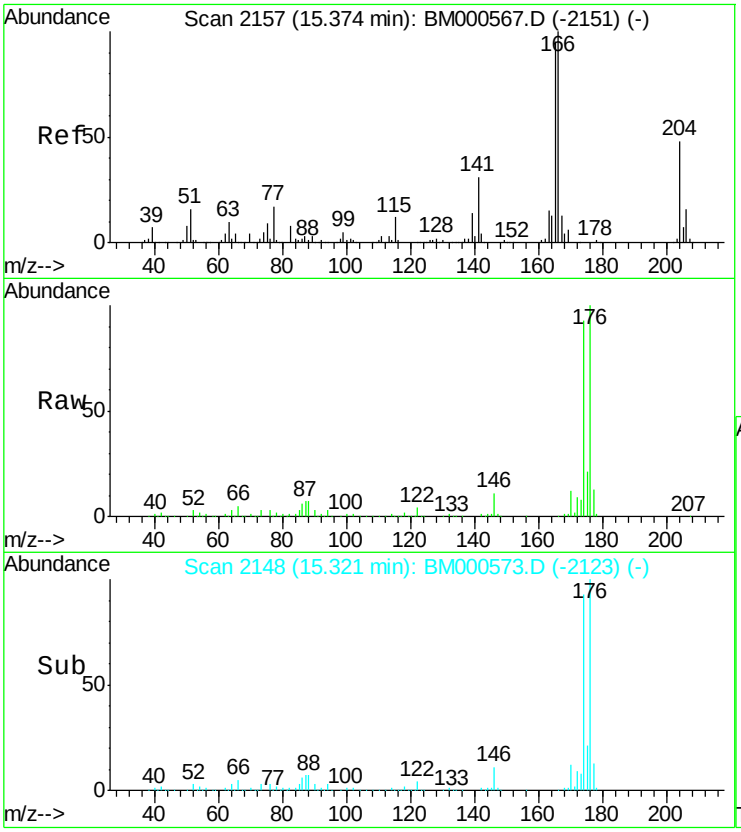


#50
4-Nitrophenol
Concen: 0.39 ng/ul
RT: 14.65 min Scan# 2033
Delta R.T. 0.09 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion:109 Resp: 1225

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



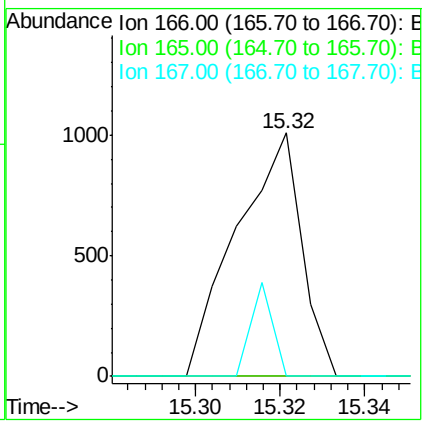


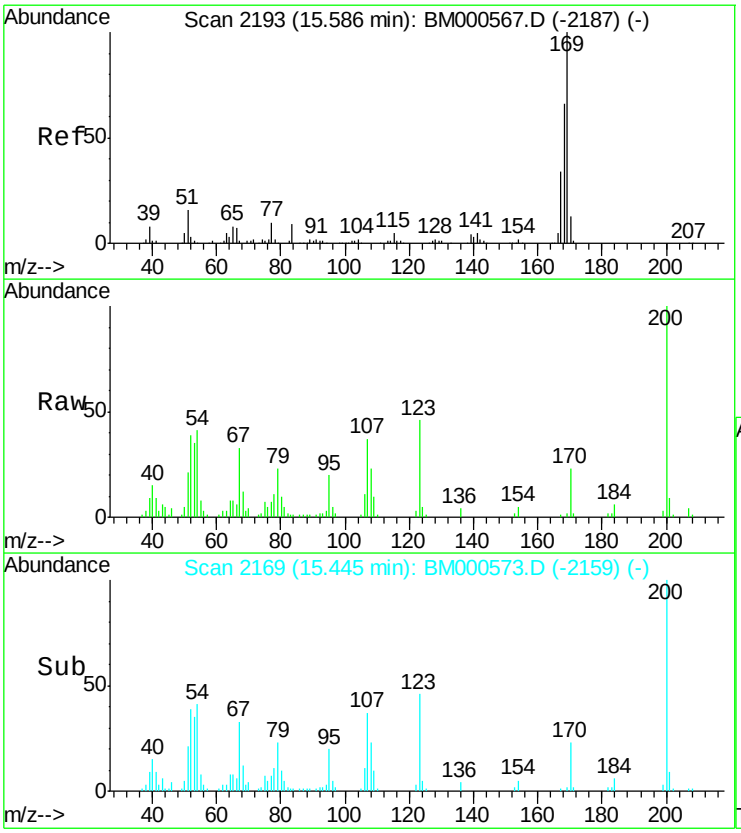
#56
Fluorene
Concen: 0.06 ng/ul
RT: 15.32 min Scan# 2148
Delta R.T. -0.05 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:166 Resp: 1087

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

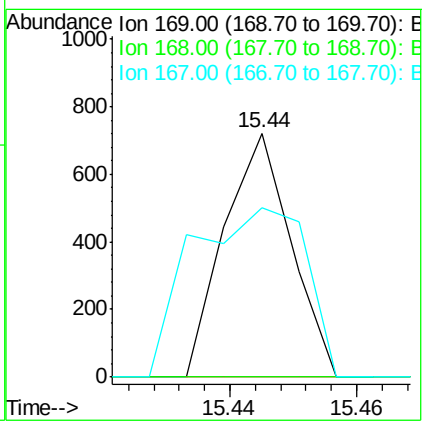


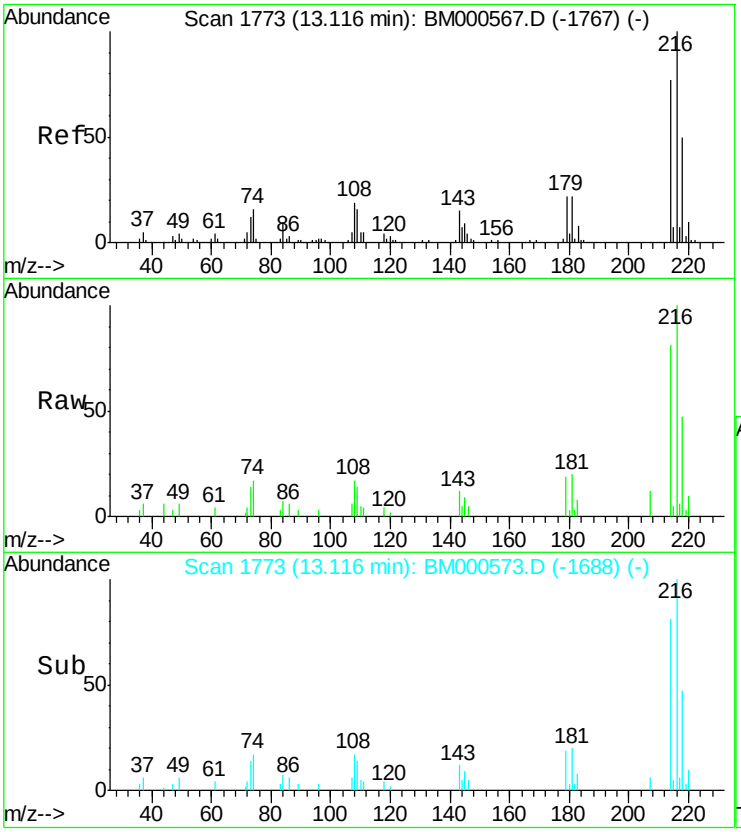


#62
N-Nitrosodiphenylamine
Concen: 0.03 ng/ul
RT: 15.44 min Scan# 2169
Delta R.T. -0.14 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion:169 Resp: 520

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.3	79.9#
167	69.8	29.4	44.2#



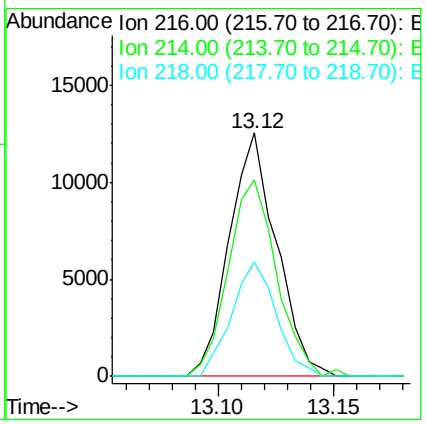


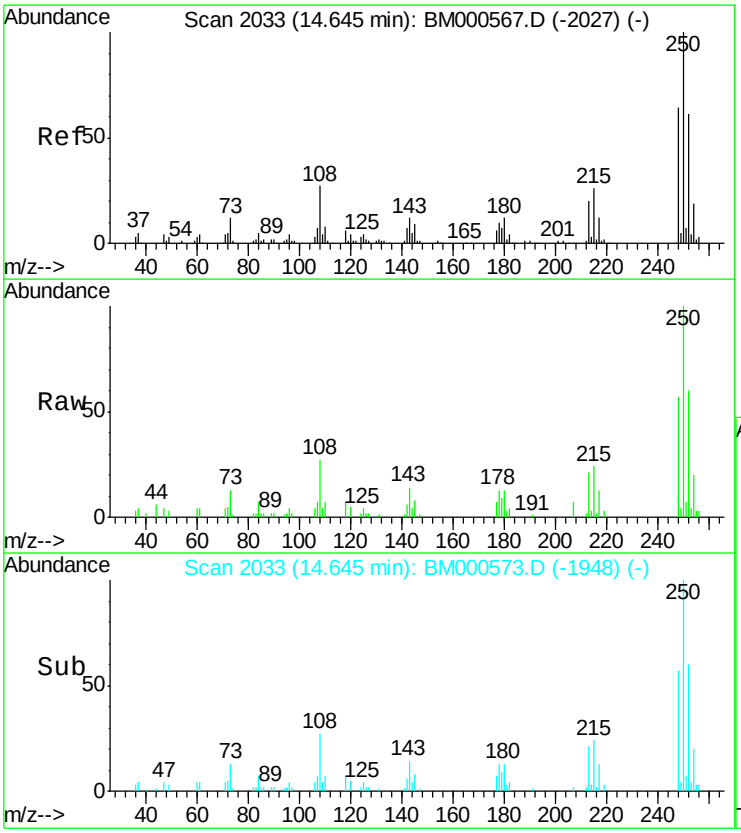
#70
1,2,3,4-Tetrachlorobenzene
Concen: 2.30 ng/uL
RT: 13.12 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:216 Resp: 17886

Ion	Ratio	Lower	Upper
216	100		
214	80.7	59.1	88.7
218	46.8	37.6	56.4

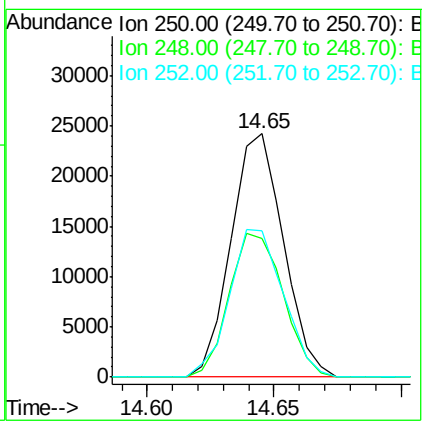


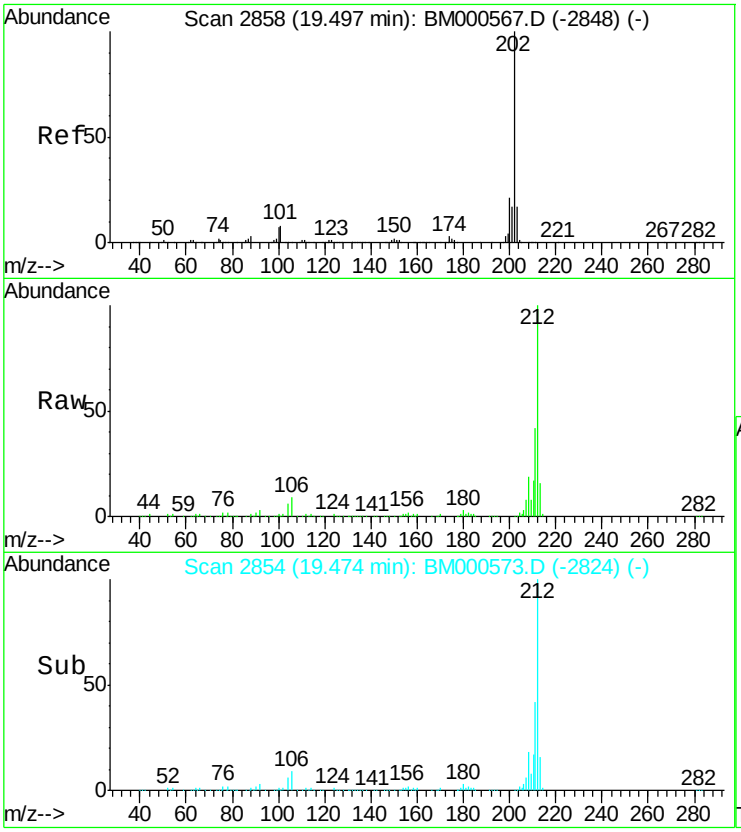


#71
Pentachlorobenzene
Concen: 4.67 ng/uL
RT: 14.65 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion:250 Resp: 34795

Ion	Ratio	Lower	Upper
250	100		
248	56.8	52.4	78.6
252	60.3	51.5	77.3



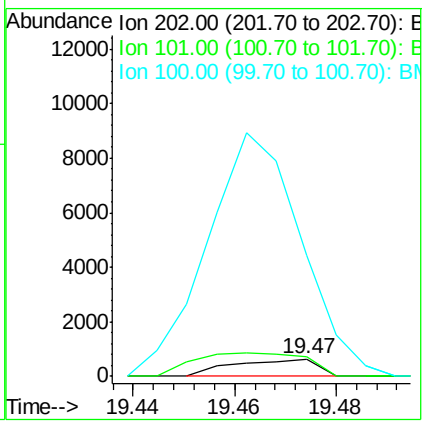


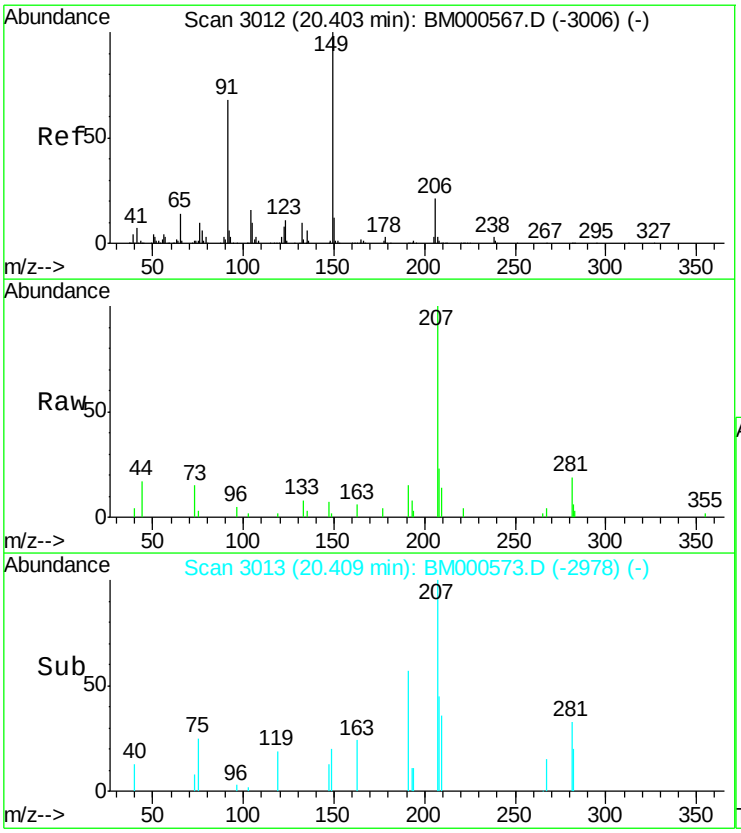
#77
Pyrene
Concen: 0.02 ng/ul
RT: 19.47 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:202 Resp: 717

Ion	Ratio	Lower	Upper
202	100		
101	114.5	7.2	10.8#
100	708.8	5.9	8.9#

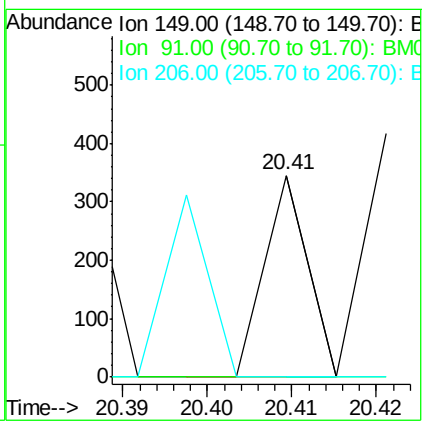


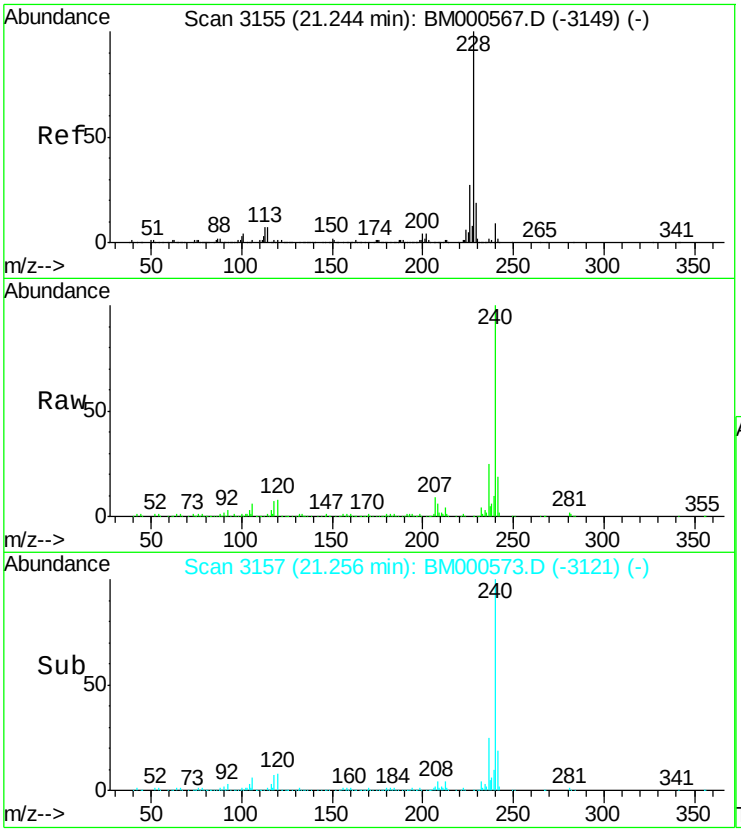


#78
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.41 min Scan# 3013
Delta R.T. 0.01 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion:149 Resp: 122

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



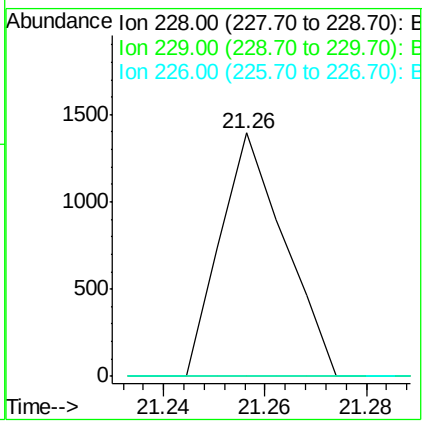


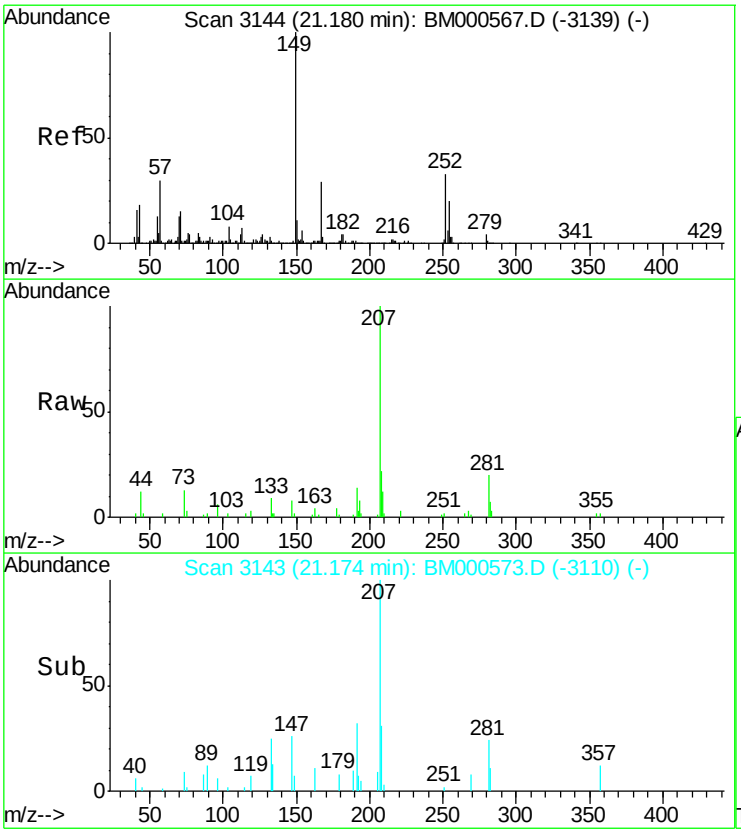
#80
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.26 min Scan# 3157
Delta R.T. 0.01 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:228 Resp: 1233

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

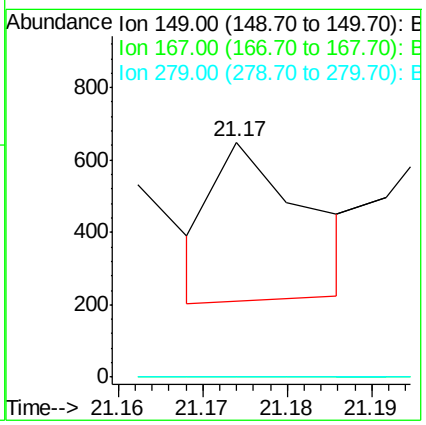


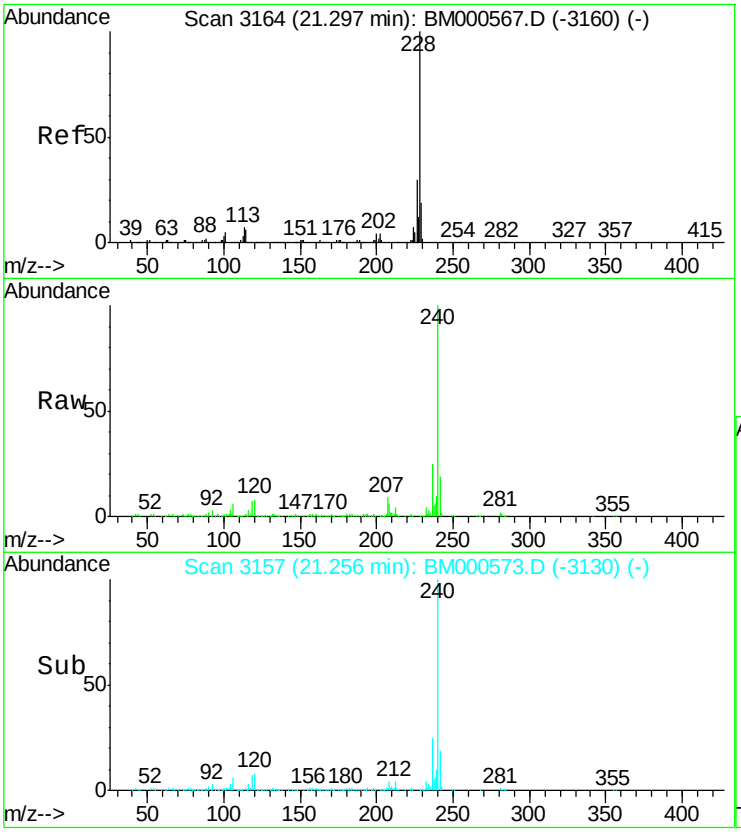


#81
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng/ul
RT: 21.17 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion:149 Resp: 334

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



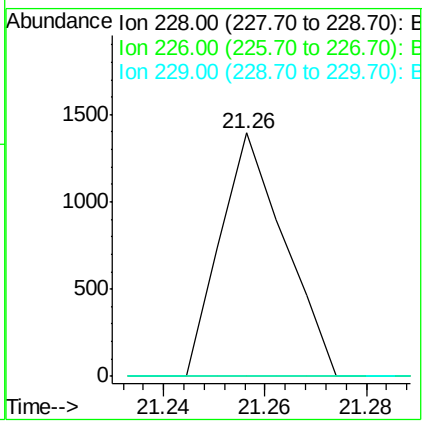


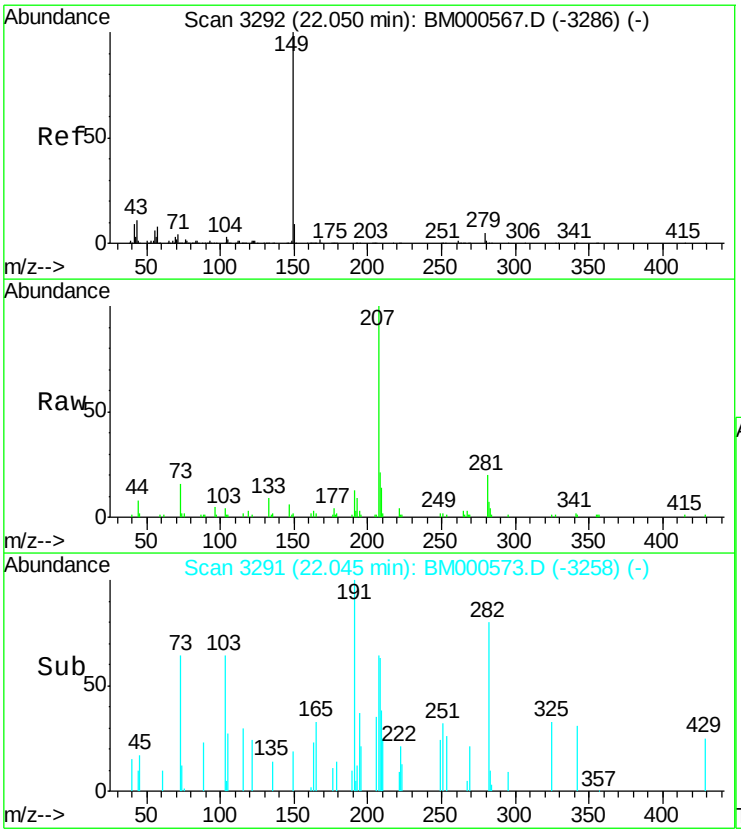
#82
Chrysene
Concen: 0.05 ng/ul
RT: 21.26 min Scan# 3157
Delta R.T. -0.04 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:228 Resp: 1233

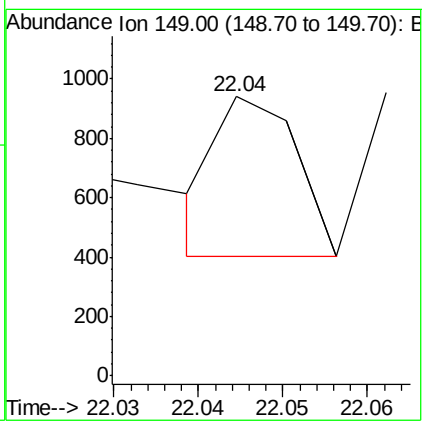
Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.0	34.6#
229	0.0	15.3	22.9#

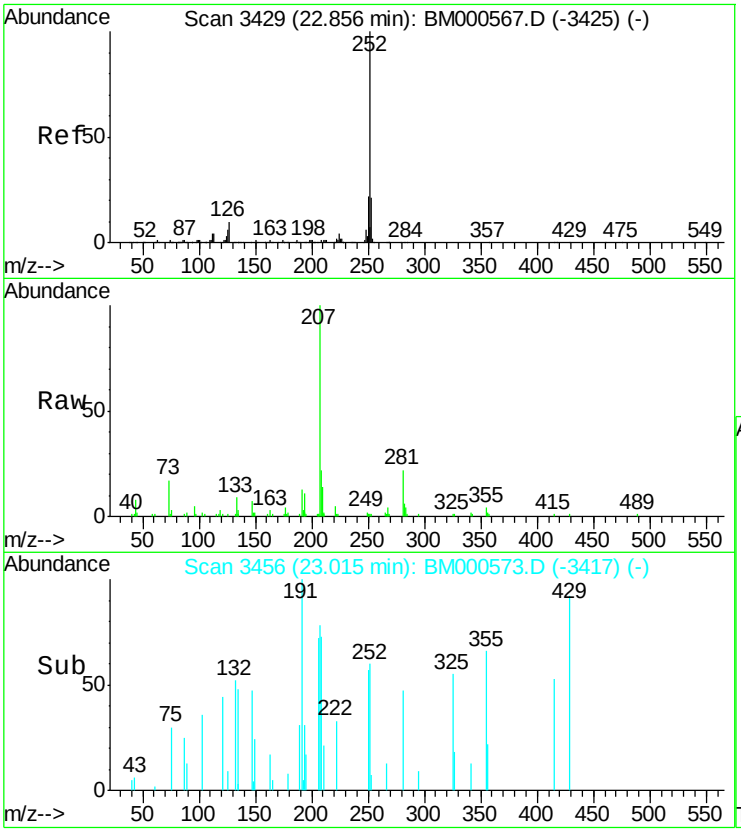




#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.04 min Scan# 3291
Delta R.T. -0.01 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion:149 Resp: 351



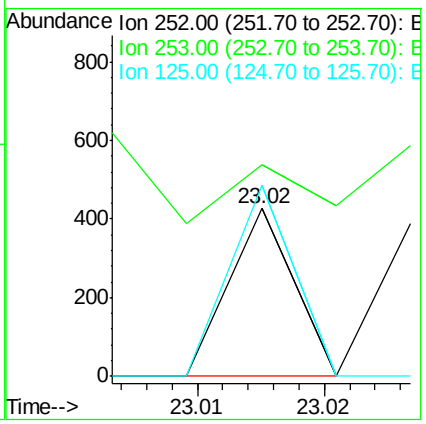


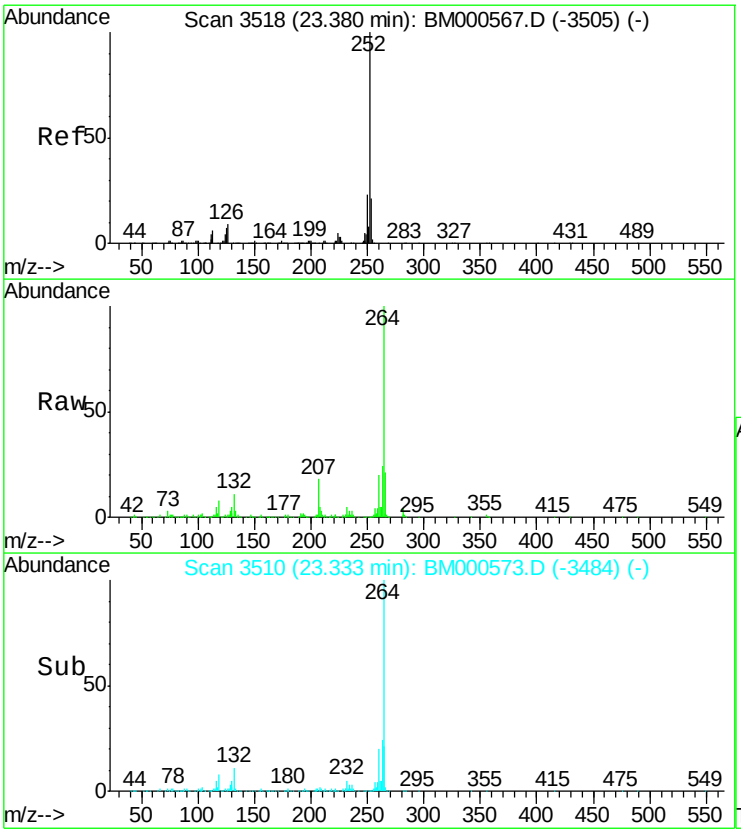
#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 23.02 min Scan# 3456
Delta R.T. 0.16 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Tgt Ion:252 Resp: 150

Ion	Ratio	Lower	Upper
252	100		
253	126.1	17.1	25.7#
125	113.8	5.3	7.9#





#88
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 23.33 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BM000573.D
Acq: 20 Feb 2015 23:49

Tgt Ion:252 Resp: 2428

Ion	Ratio	Lower	Upper
252	100		
253	69.6	17.5	26.3#
125	31.1	5.4	8.0#