Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002067.D
Acq On : 27 Jul 2015 18:36
Operator : UM/HP
Sample : MDL-04-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-S

Quant Time: Jul 28 04:16:11 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 16:22:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	86268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	328262	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	188503	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	428075	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	502099	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	503021	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9867	5.92	ng/uL	0.00
5) Phenol-d5	6.77	99	181867	29.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	104464	30.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	159956	30.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	147658	30.12	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	73671	31.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	83602	32.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	153081	30.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	199791	36.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	451218	32.68	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	549193	31.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	69537	30.17	ng/ul	0.00
58) Fluorene-d10	15.26	176	391825	32.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	66539	25.41	ng/ul	0.00
71) Anthracene-d10	17.11	188	611120	31.98	ng/ul	0.00
79) Pyrene-d10	19.41	212	685640	32.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	792237	32.49	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.03	93	594	0.13	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.31	70	3458	0.92	ng/ul#	1
20) Nitrobenzene	8.76	77	439	0.08	ng/ul#	37
21) Isophorone	9.47	82	6859	0.70	ng/ul#	69
35) 1-Methylnaphthalene	12.28	142	32020	2.94	ng/ul	100
46) 2,6-Dinitrotoluene	13.68	165	2733	0.97	ng/ul#	40
57) Diethylphthalate	15.09	149	699	0.05	ng/ul#	58
59) Fluorene	15.26	166	869	0.06	ng/ul#	10
65) N-Nitrosodiphenylamine	15.39	169	457	0.04	ng/ul#	14
76) Di-n-butylphthalate	17.97	149	270	0.01	ng/ul#	79
80) Pyrene	19.41	202	541	0.02	ng/ul#	1
83) Benzo(a)anthracene	21.21	228	1166	0.04	ng/ul#	56
84) Bis(2-ethylhexyl)phthalate	21.12	149	484	0.03	ng/ul#	51
85) Chrysene	21.21	228	1166	0.04	ng/ul#	54
87) Di-n-octyl phthalate	21.99	149	234	0.01	ng/ul	100
91) Benzo(a)pyrene	23.27	252	2176	0.08	ng/ul#	77

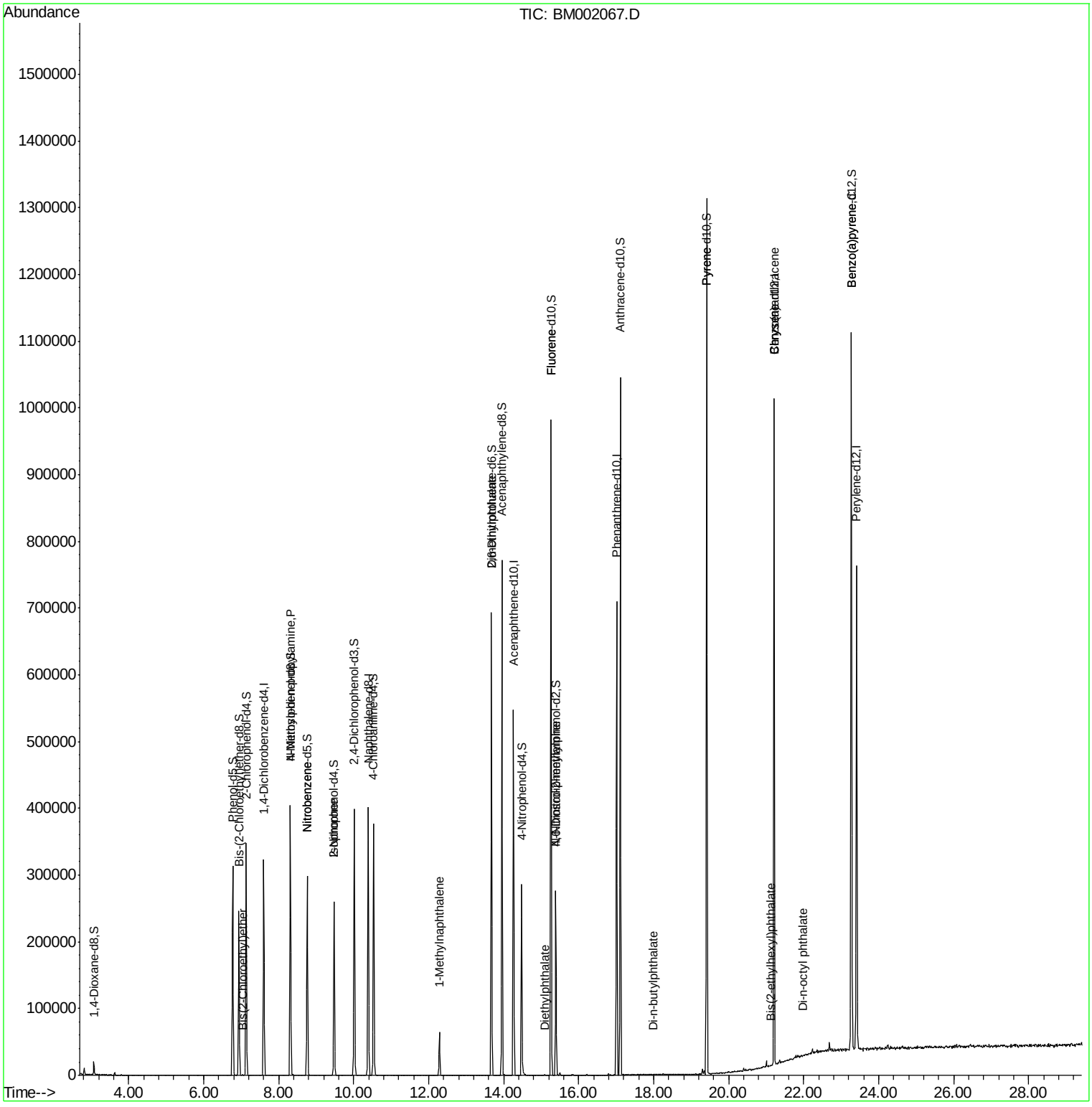
(#) = qualifier out of range (m) = manual integration (+) = signals summed

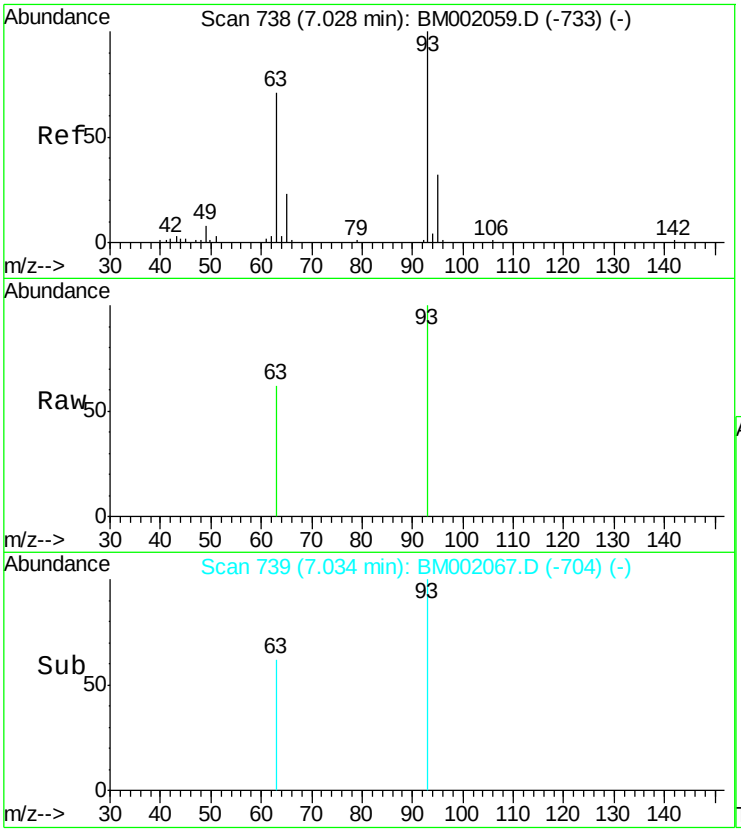
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002067.D
Acq On : 27 Jul 2015 18:36
Operator : UM/HP
Sample : MDL-04-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Quant Time: Jul 28 04:16:11 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 16:22:43 2015
Response via : Initial Calibration



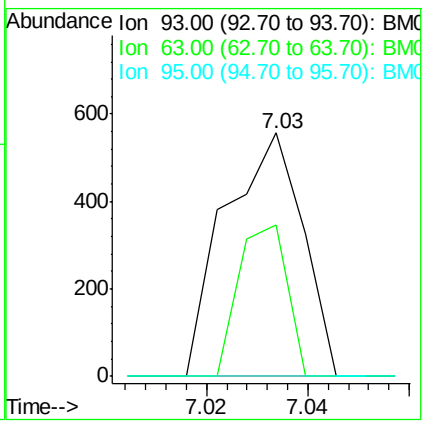


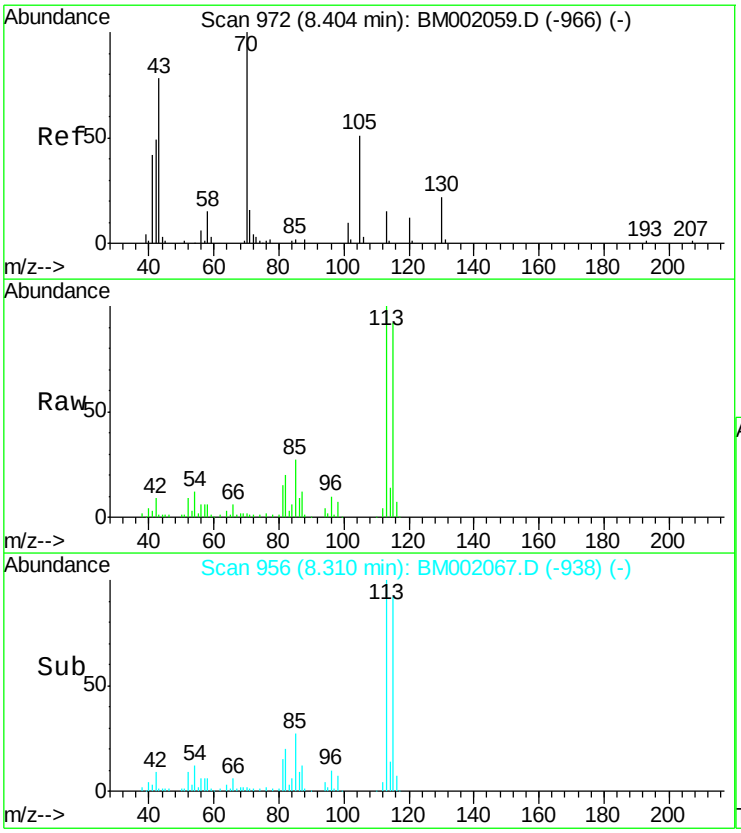
#8
Bis(2-Chloroethyl)ether
Concen: 0.13 ng/ul
RT: 7.03 min Scan# 739
Delta R.T. 0.01 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion: 93 Resp: 594

Ion	Ratio	Lower	Upper
93	100		
63	61.9	51.5	77.3
95	0.0	27.0	40.4#

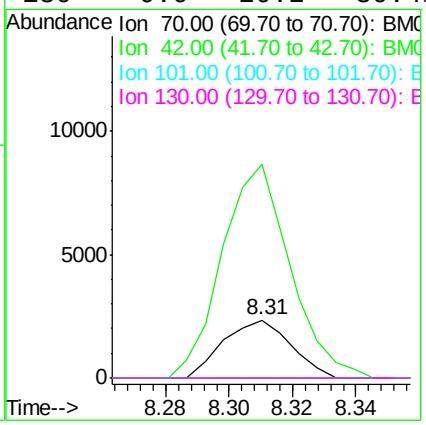


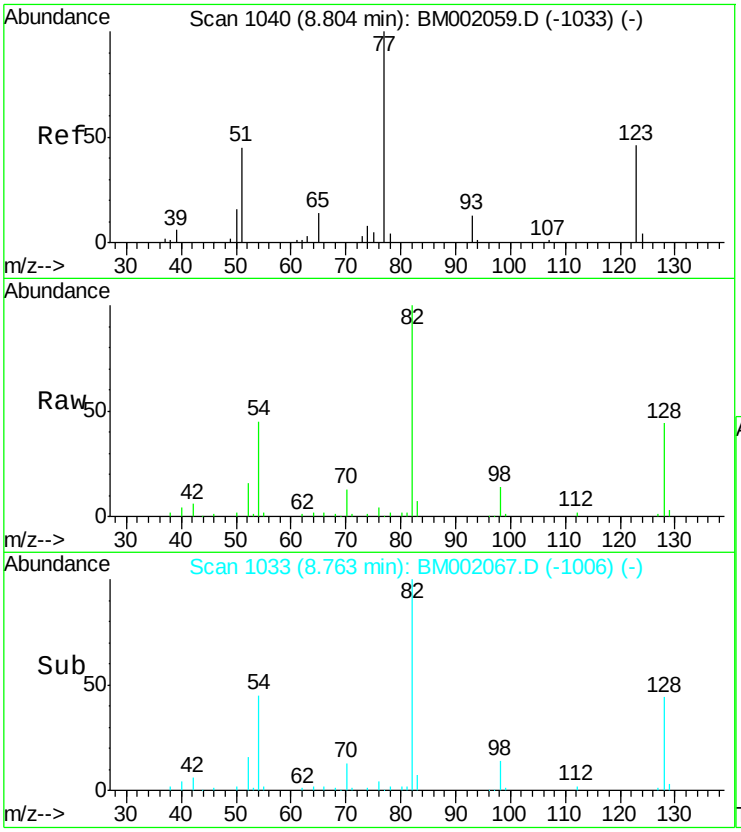


#15
N-Nitroso-di-n-propylamine
Concen: 0.92 ng/ul
RT: 8.31 min Scan# 956
Delta R.T. -0.09 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Tgt Ion: 70 Resp: 3458

Ion	Ratio	Lower	Upper
70	100		
42	367.3	39.2	58.8#
101	0.0	8.6	12.8#
130	0.0	20.2	30.4#



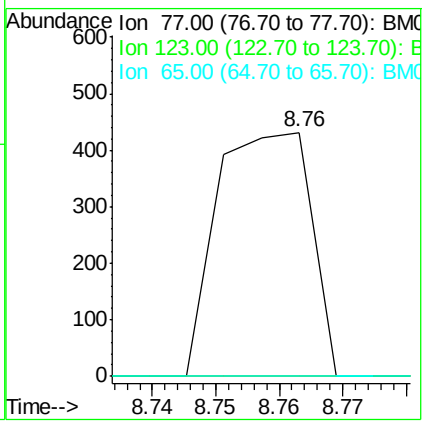


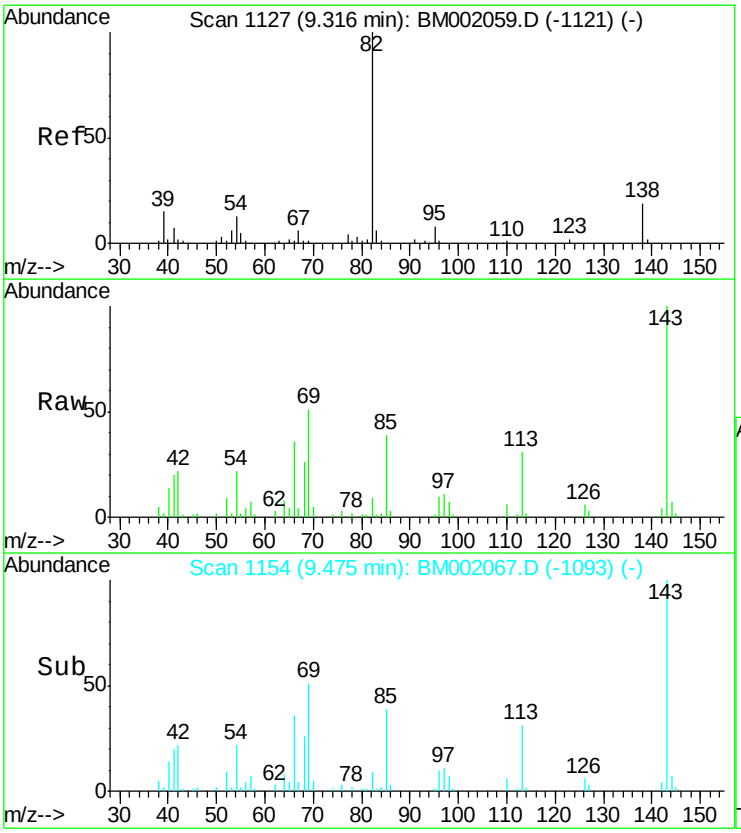
#20
Nitrobenzene
Concen: 0.08 ng/ul
RT: 8.76 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion: 77 Resp: 439

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.0	58.4#
65	0.0	10.4	15.6#

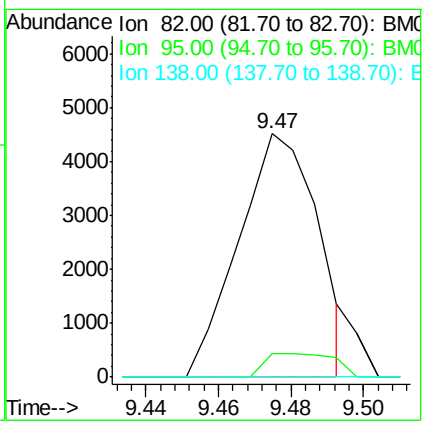


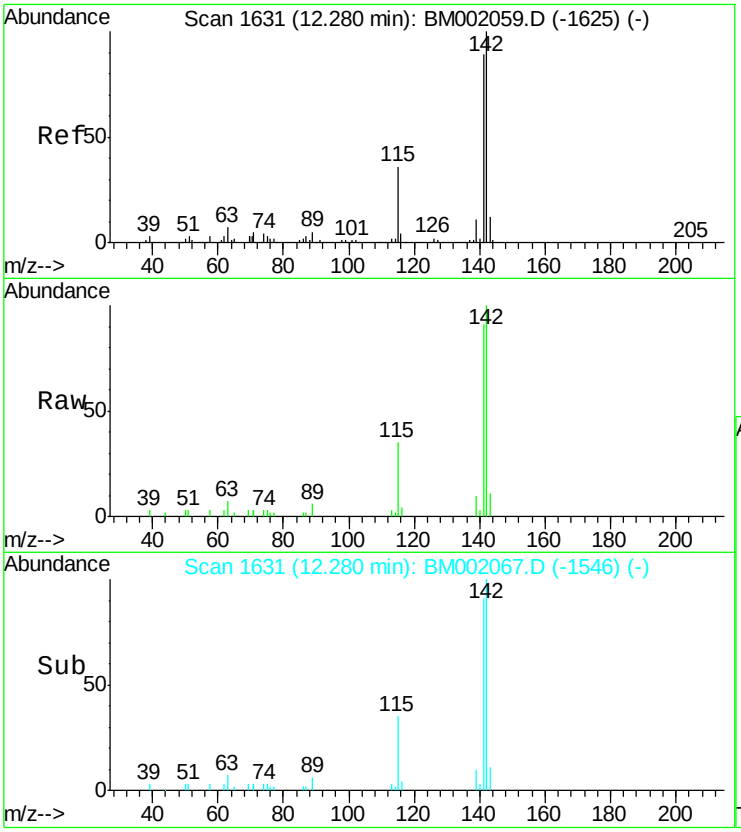


#21
Isophorone
Concen: 0.70 ng/ul
RT: 9.47 min Scan# 1154
Delta R.T. 0.16 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Tgt Ion: 82 Resp: 6859

Ion	Ratio	Lower	Upper
82	100		
95	9.6	6.5	9.7
138	0.0	15.4	23.2#



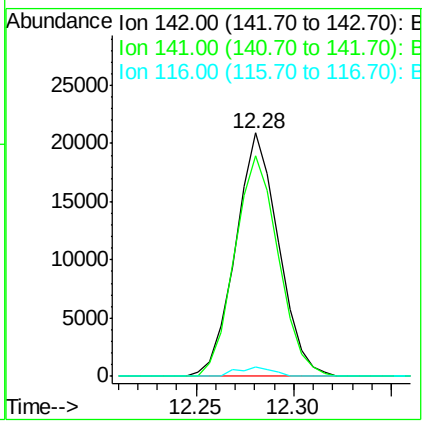


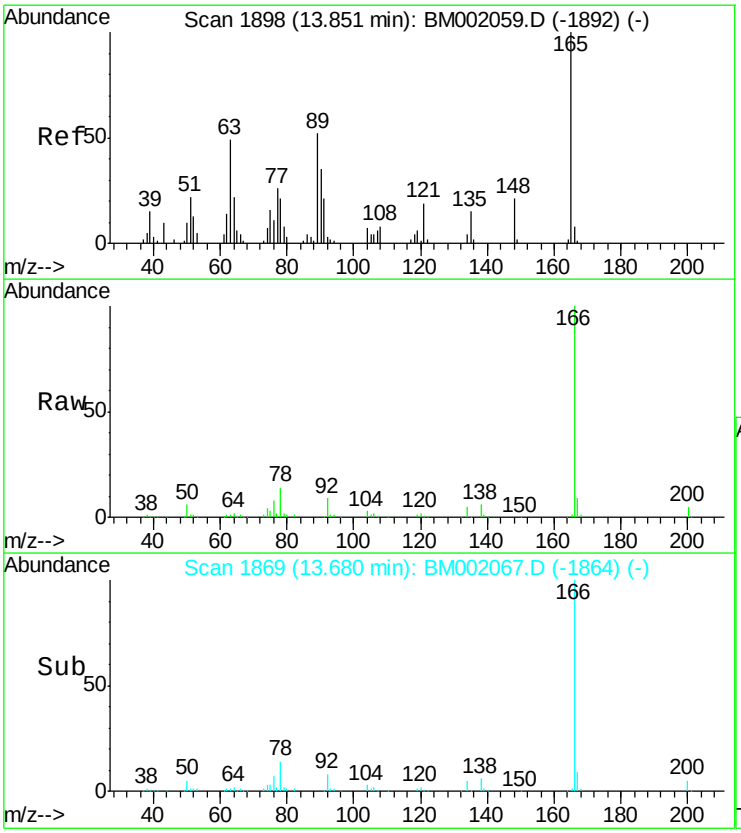
#35
1-Methylnaphthalene
Concen: 2.94 ng/ul
RT: 12.28 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:142 Resp: 32020

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.4	108.6
116	4.0	3.2	4.8

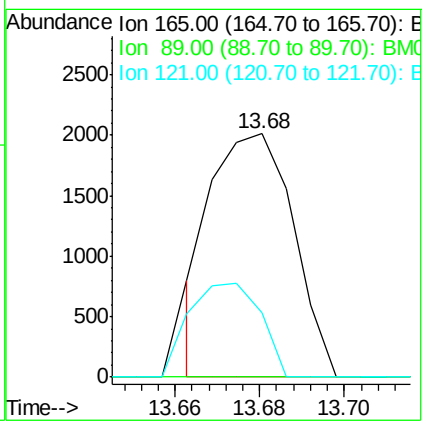


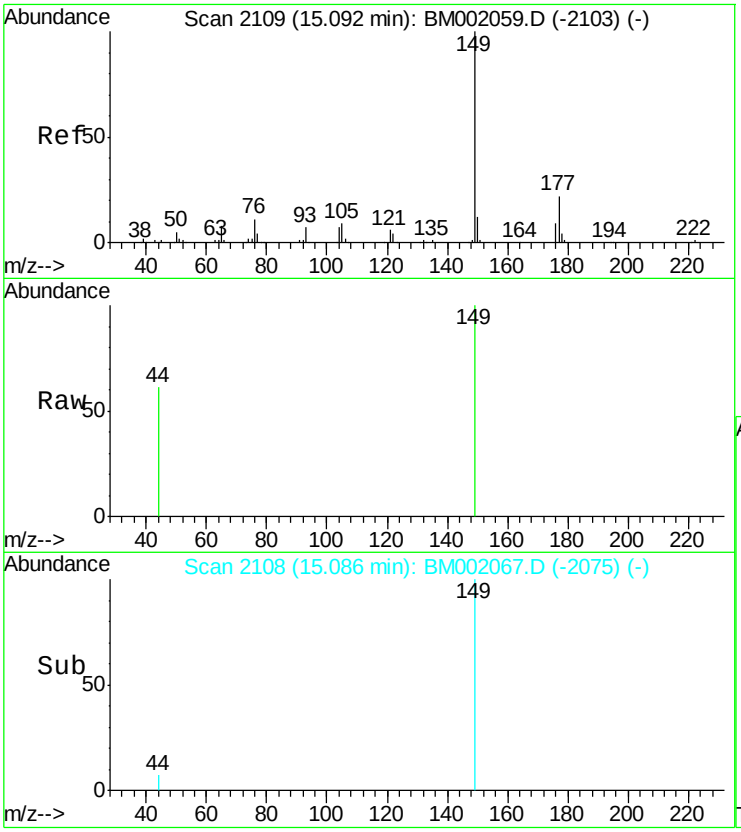


#46
2,6-Dinitrotoluene
Concen: 0.97 ng/ul
RT: 13.68 min Scan# 1869
Delta R.T. -0.17 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Tgt Ion:165 Resp: 2733

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.7	64.1#
121	26.6	14.8	22.2#



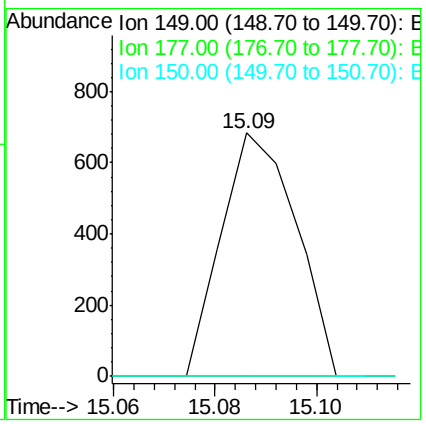


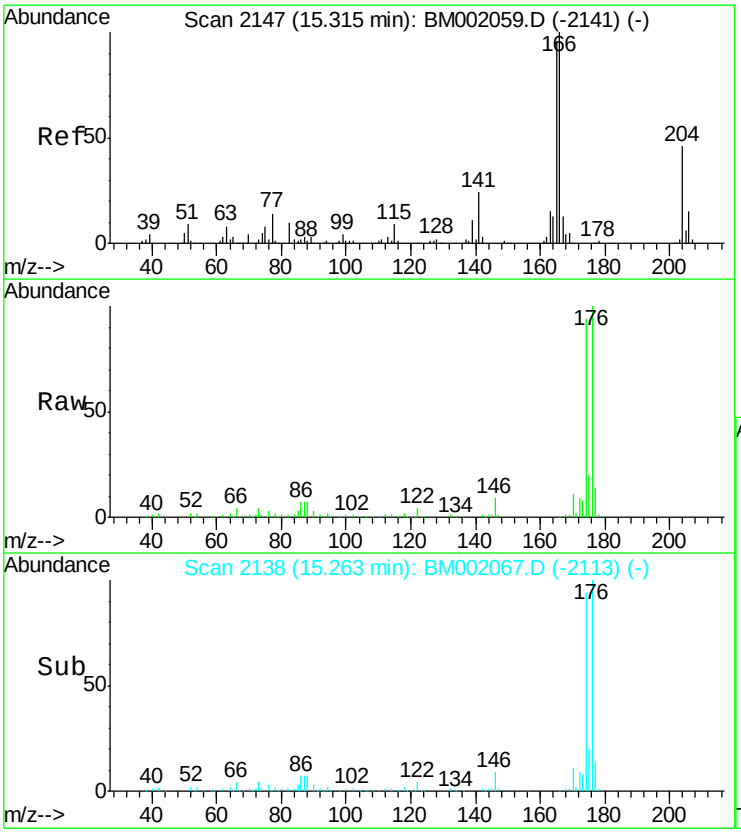
#57
Diethylphthalate
Concen: 0.05 ng/ul
RT: 15.09 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:149 Resp: 699

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.4	27.6#
150	0.0	10.1	15.1#

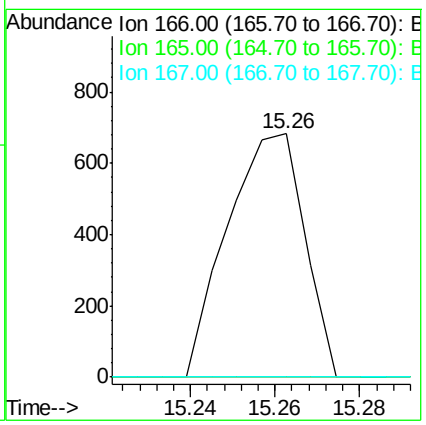


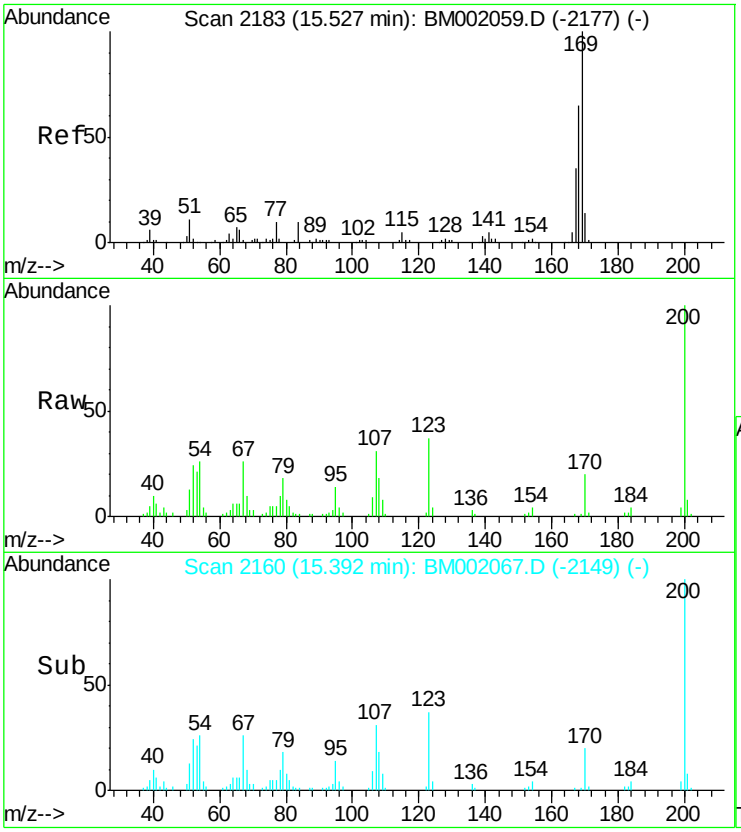


#59
Fluorene
Concen: 0.06 ng/ul
RT: 15.26 min Scan# 2138
Delta R.T. -0.05 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Tgt Ion:166 Resp: 869

Ion	Ratio	Lower	Upper
166	100		
165	0.0	75.6	113.4#
167	0.0	10.5	15.7#



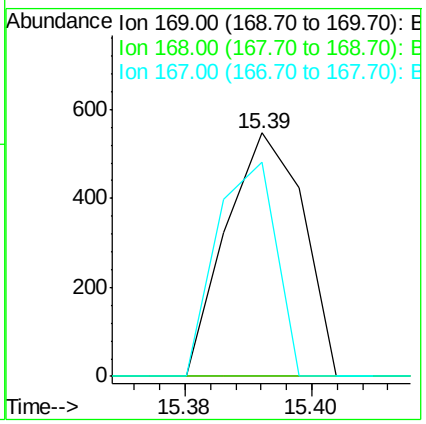


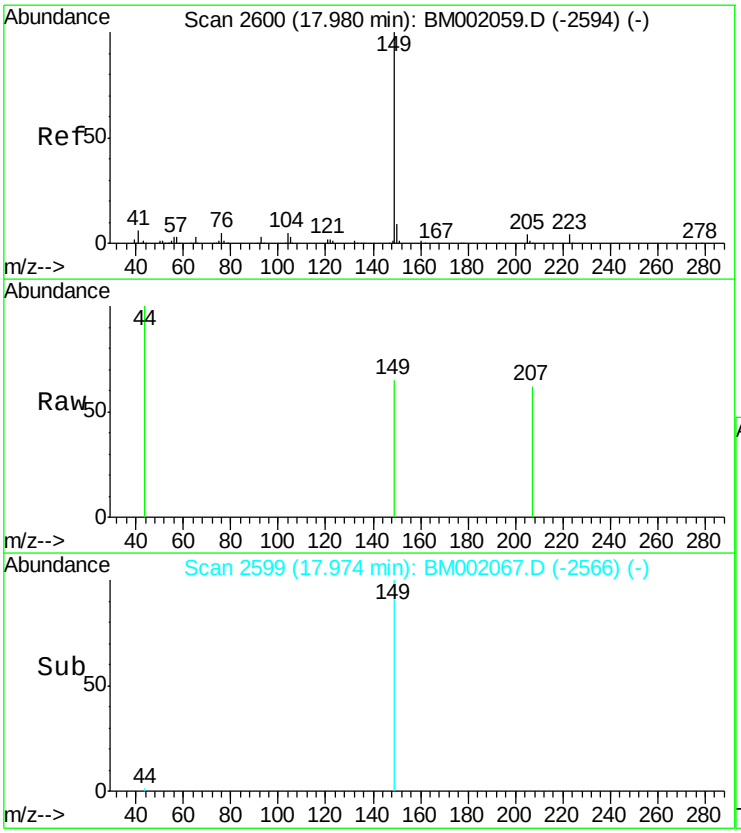
#65
N-Nitrosodiphenylamine
Concen: 0.04 ng/ul
RT: 15.39 min Scan# 2160
Delta R.T. -0.14 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:169 Resp: 457

Ion	Ratio	Lower	Upper
169	100		
168	0.0	52.6	79.0#
167	88.1	27.8	41.6#

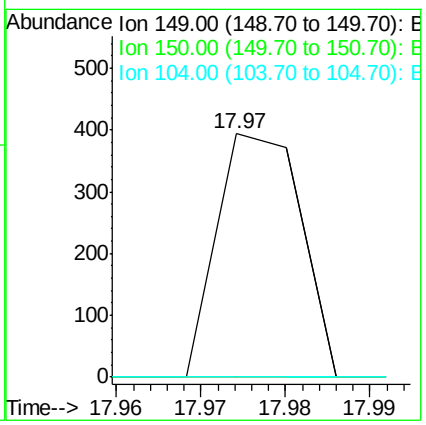


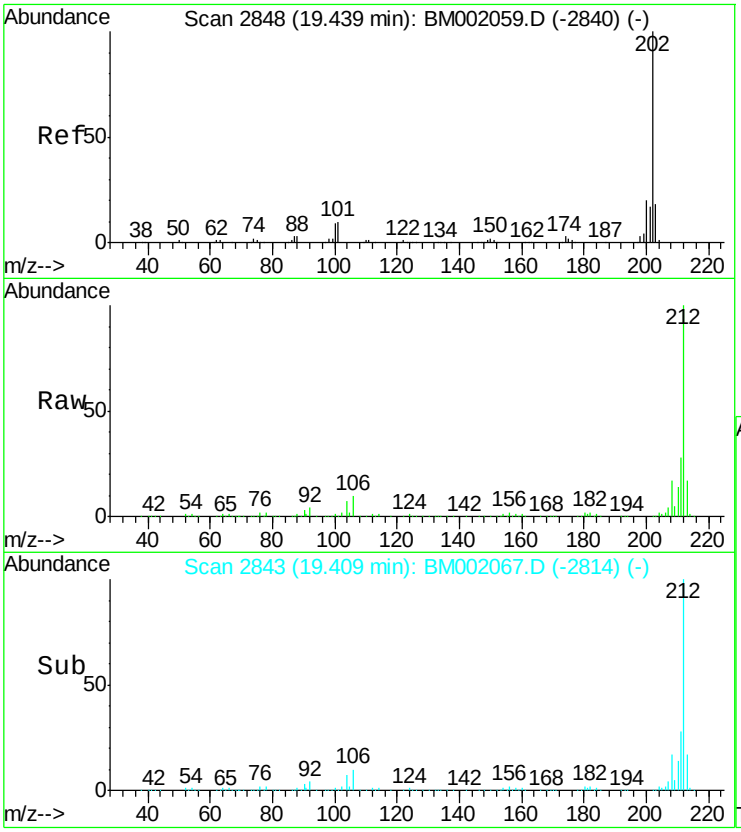


#76
Di-n-butylphthalate
Concen: 0.01 ng/ul
RT: 17.97 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Tgt Ion:149 Resp: 270

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.0	10.4#
104	0.0	4.2	6.2#



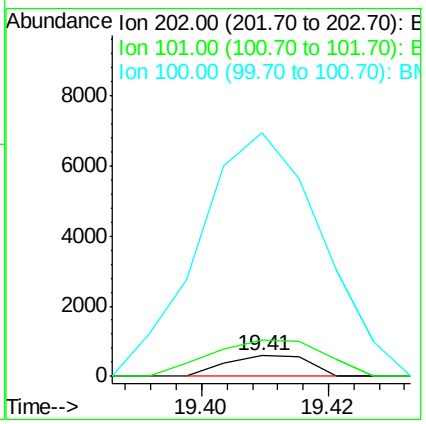


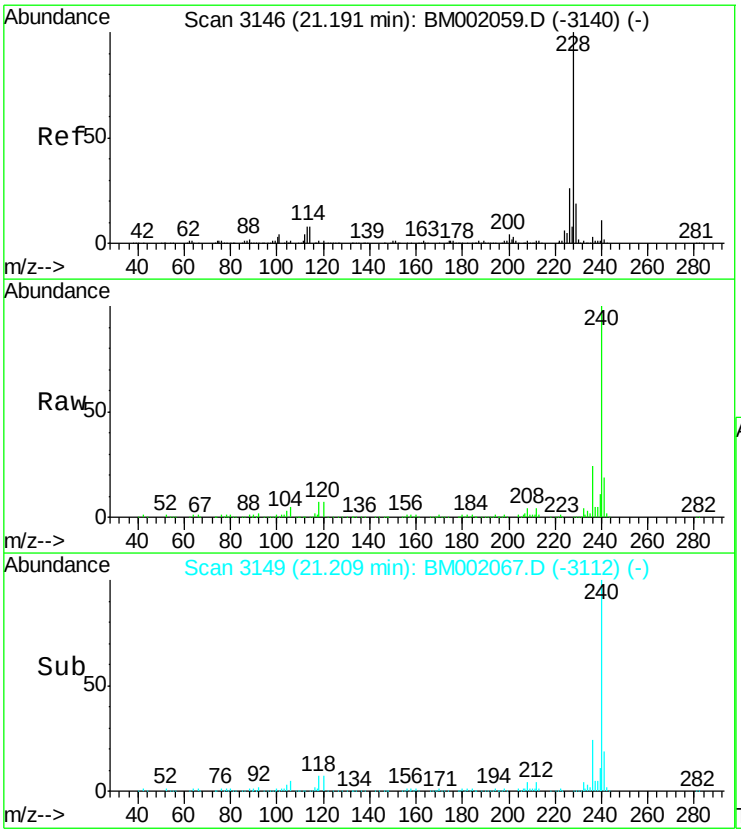
#80
Pyrene
Concen: 0.02 ng/ul
RT: 19.41 min Scan# 2843
Delta R.T. -0.03 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:202 Resp: 541

Ion	Ratio	Lower	Upper
202	100		
101	177.5	7.4	11.2#
100	1182.3	6.3	9.5#

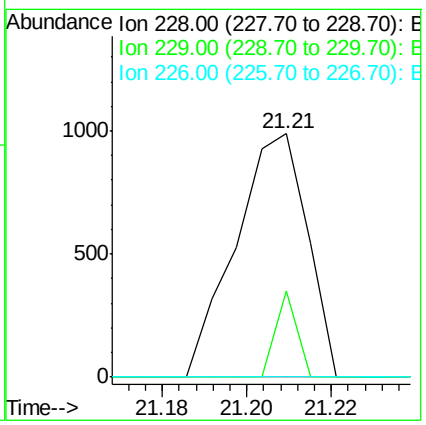


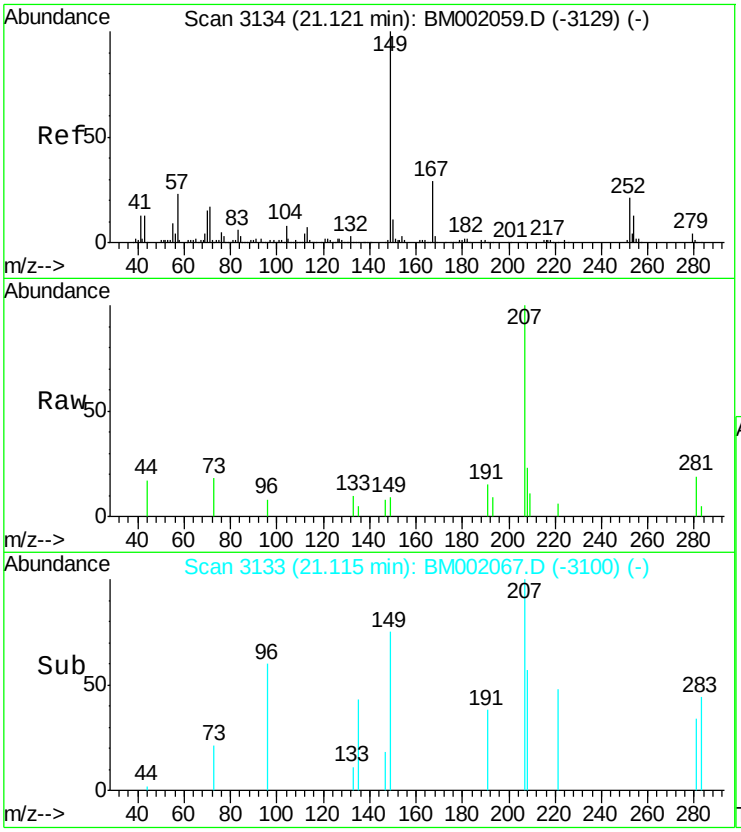


#83
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. 0.02 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Tgt Ion:228 Resp: 1166

Ion	Ratio	Lower	Upper
228	100		
229	35.3	15.4	23.2#
226	0.0	20.5	30.7#



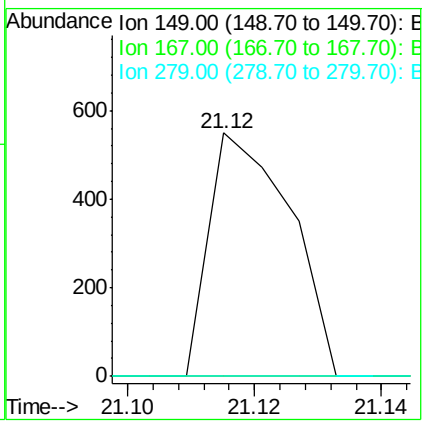


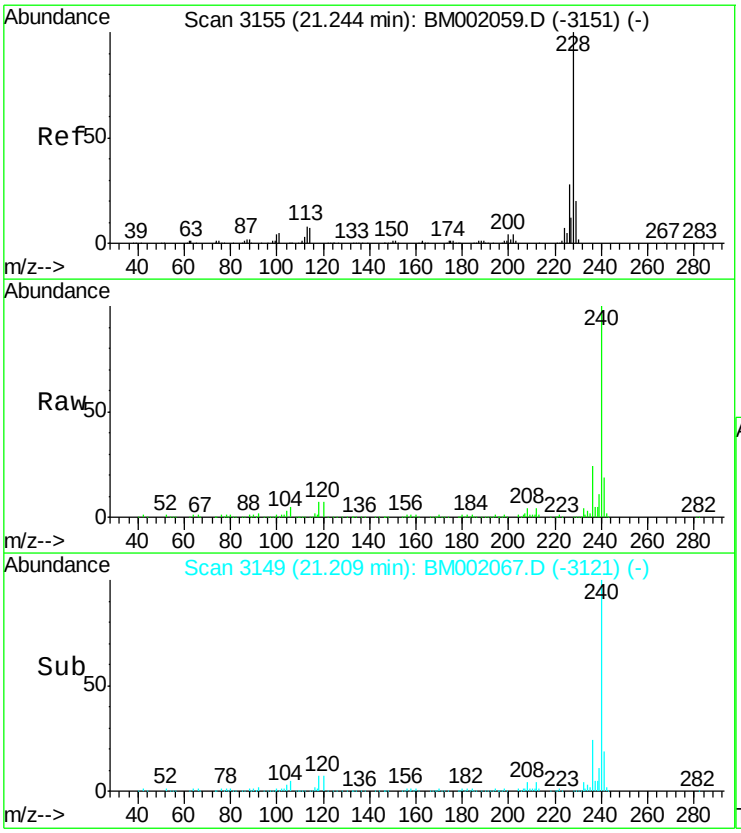
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng/ul
RT: 21.12 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:149 Resp: 484

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.6	35.4#
279	0.0	4.2	6.4#

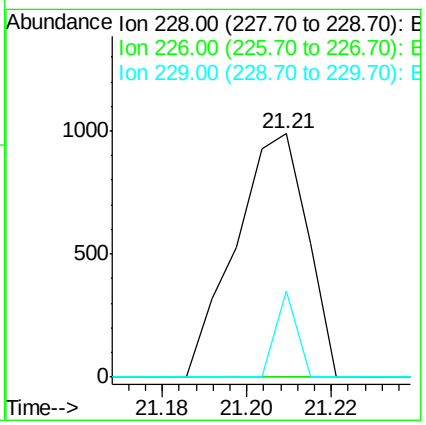


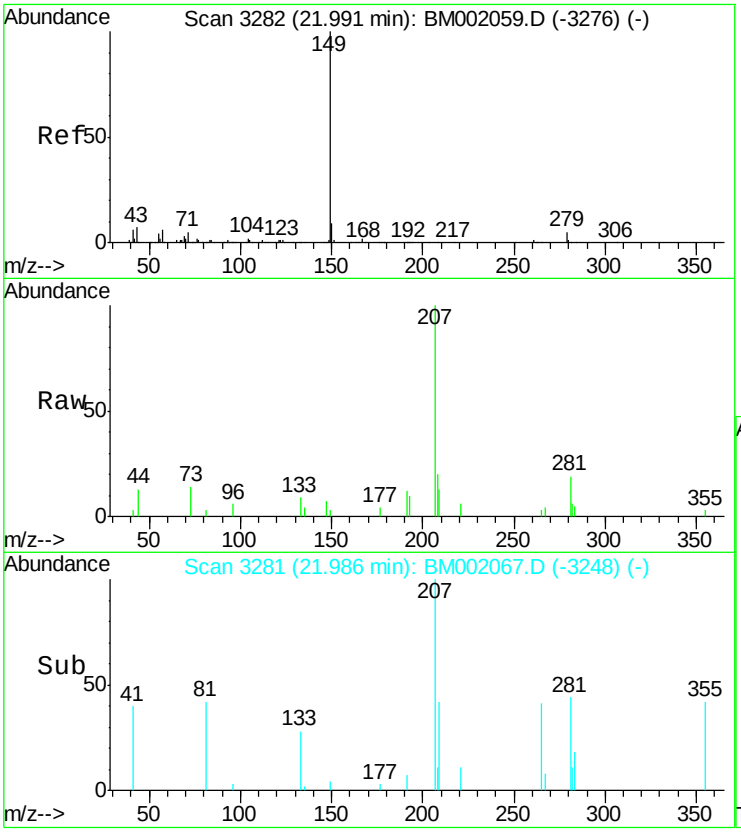


#85
Chrysene
Concen: 0.04 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. -0.04 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Tgt Ion:228 Resp: 1166

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.3	33.5#
229	35.3	15.5	23.3#

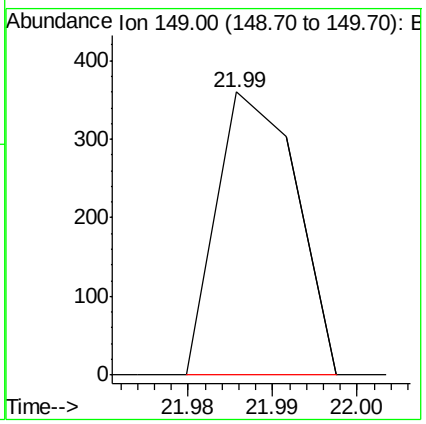


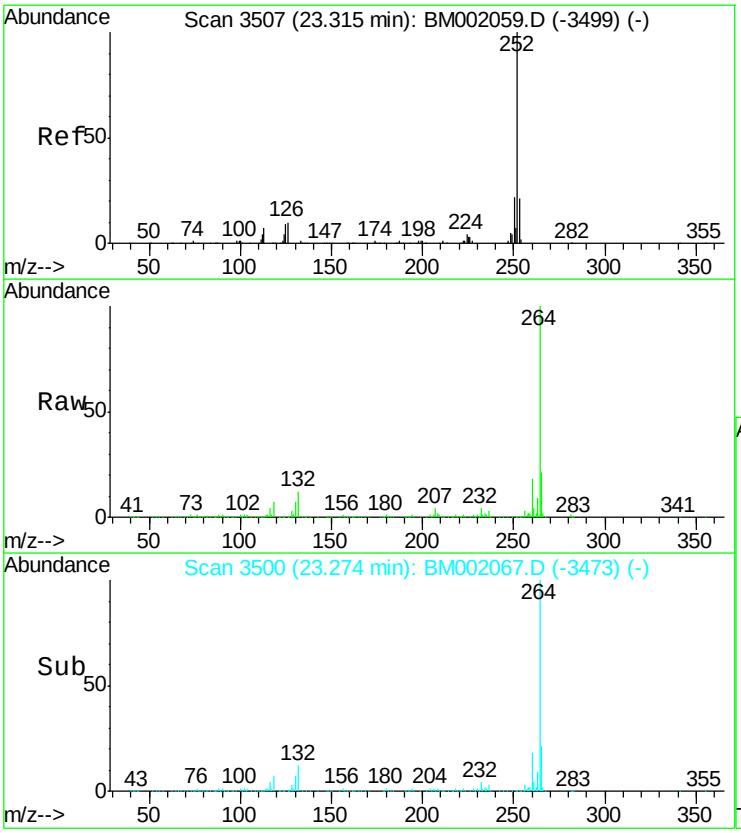


#87
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 21.99 min Scan# 3281
Delta R.T. -0.01 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Tgt Ion:149 Resp: 234





#91
Benzo(a)pyrene
Concen: 0.08 ng/ul
RT: 23.27 min Scan# 3500
Delta R.T. -0.04 min
Lab File: BM002067.D
Acq: 27 Jul 2015 18:36

Tgt Ion:252 Resp: 2176

Ion	Ratio	Lower	Upper
252	100		
253	32.0	17.2	25.8#
125	0.0	6.6	10.0#