Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002082.D
Acq On : 28 Jul 2015 05:33
Operator : UM/HP
Sample : MDL-02-S-ML
Misc : MDL-SOIL-SVOC-MED LEVEL-4PPM
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-02-S-ML

Quant Time: Jul 28 07:20:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 05:22:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	56065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	208443	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	121481	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	270182	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	317306	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	326886	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	5624	5.19	ng/uL	0.00
5) Phenol-d5	6.77	99	100111	24.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	57725	26.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	89780	26.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	81452	25.56	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	40441	27.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	45359	27.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	84607	26.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	111826	32.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	256511	28.83	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	310244	27.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	35031	23.59	ng/ul	0.00
58) Fluorene-d10	15.25	176	223030	28.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	30036	18.17	ng/ul	0.00
71) Anthracene-d10	17.10	188	350415	29.06	ng/ul	0.00
79) Pyrene-d10	19.41	212	390158	29.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	462885	29.21	ng/ul	0.00
Target Compounds						Qvalue
15) N-Nitroso-di-n-propylamine	8.31	70	1969	0.81	ng/ul#	1
21) Isophorone	9.47	82	3475	0.56	ng/ul#	63
35) 1-Methylnaphthalene	12.28	142	14486	2.09	ng/ul#	96
46) 2,6-Dinitrotoluene	13.67	165	1878	1.04	ng/ul#	38
59) Fluorene	15.25	166	253	0.03	ng/ul#	10
83) Benzo(a)anthracene	21.21	228	613	0.03	ng/ul#	53
85) Chrysene	21.21	228	613	0.04	ng/ul#	51
91) Benzo(a)pyrene	23.26	252	1155	0.07	ng/ul#	57

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

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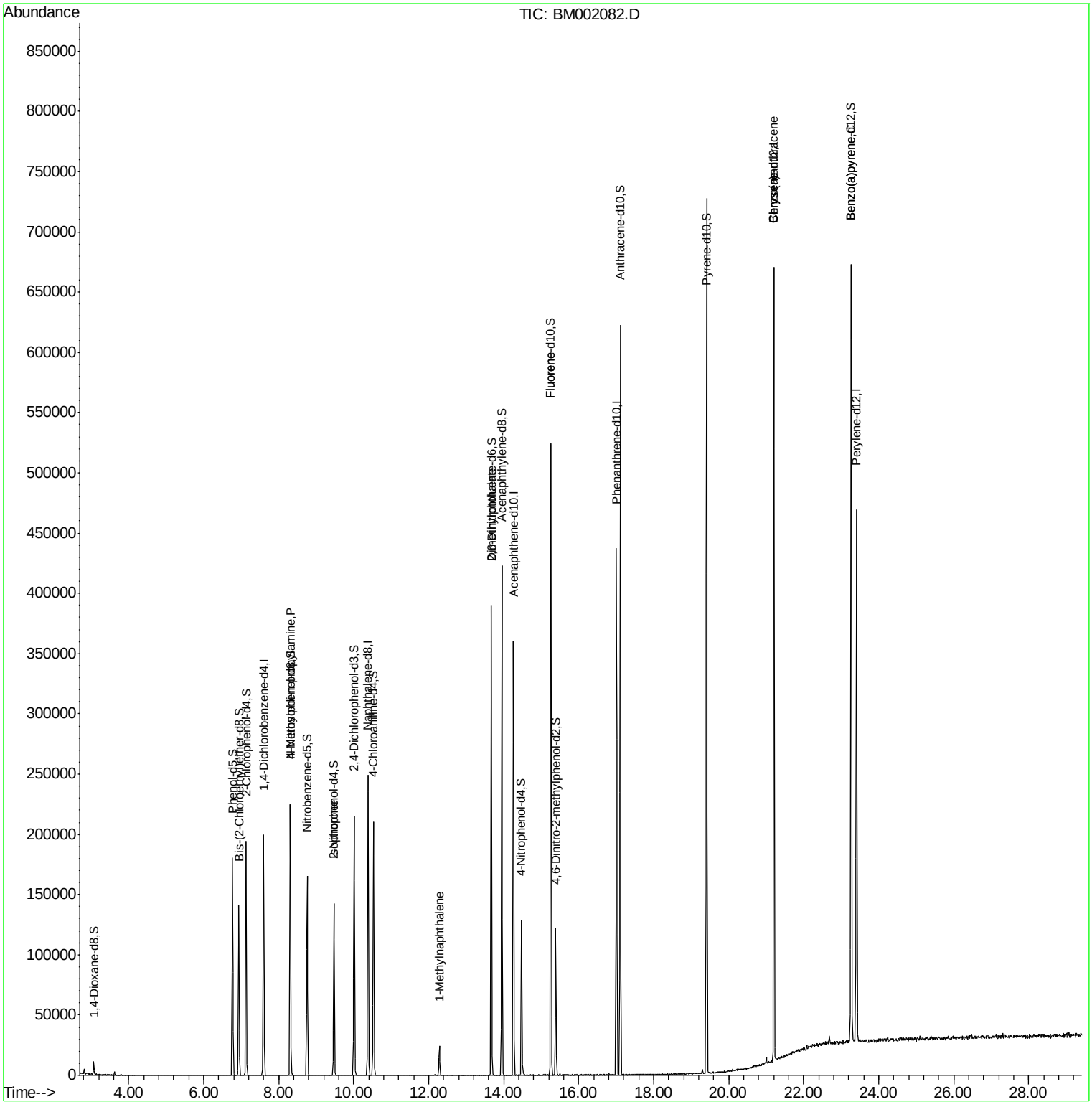
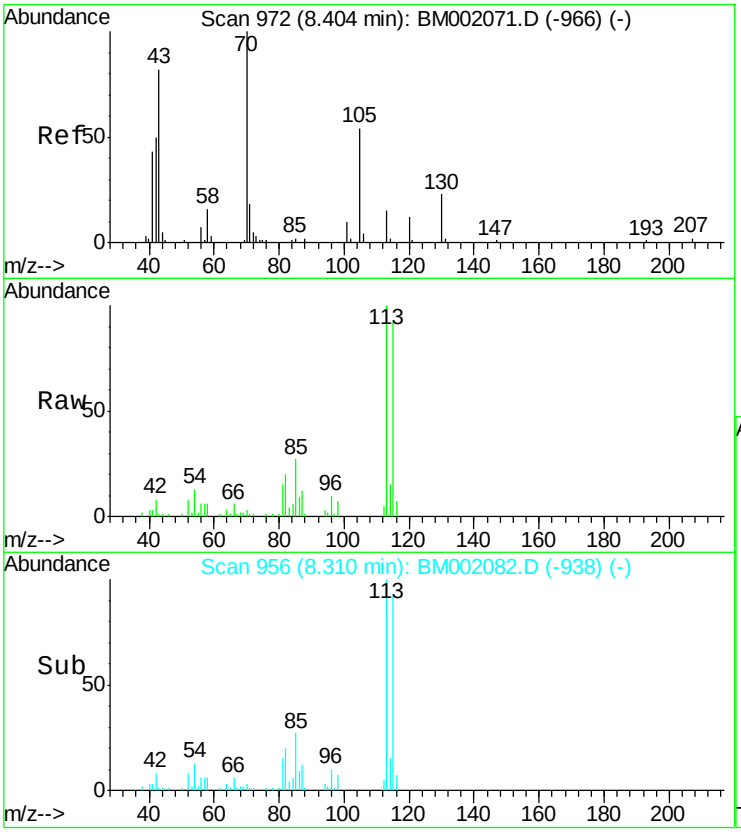


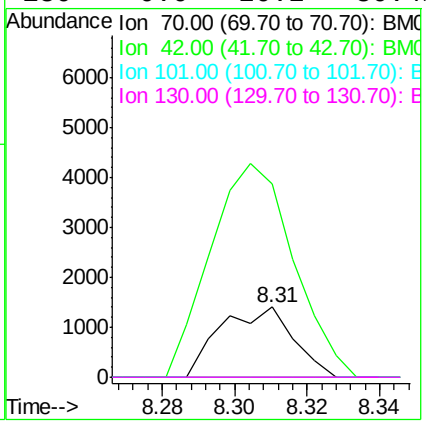


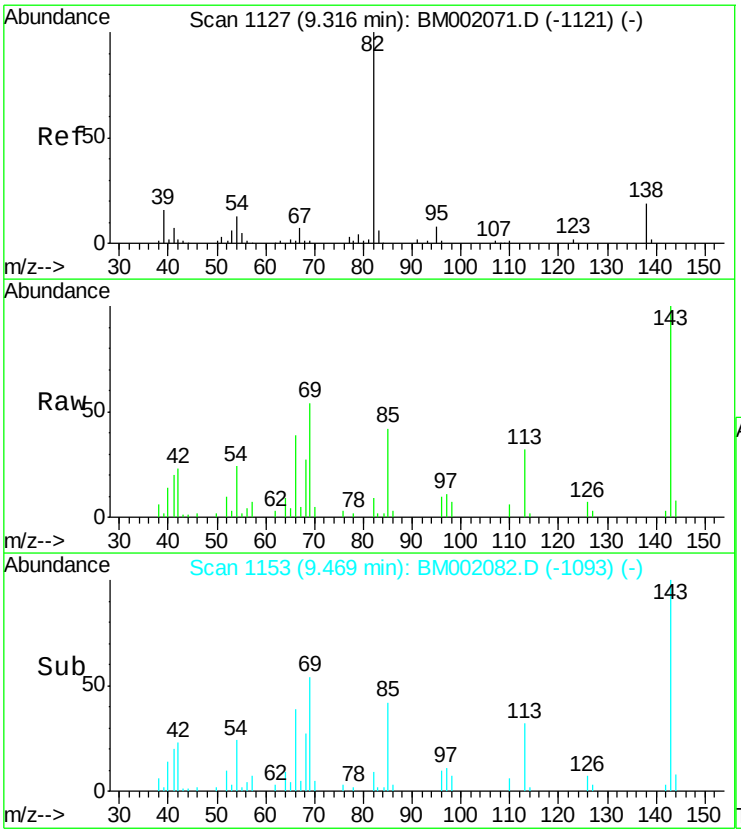
#15
N-Nitroso-di-n-propylamine
Concen: 0.81 ng/ul
RT: 8.31 min Scan# 956
Delta R.T. -0.09 min
Lab File: BM002082.D
Acq: 28 Jul 2015 05:33

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tgt Ion: 70 Resp: 1969

Ion	Ratio	Lower	Upper
70	100		
42	275.6	39.2	58.8#
101	0.0	8.6	12.8#
130	0.0	20.2	30.4#

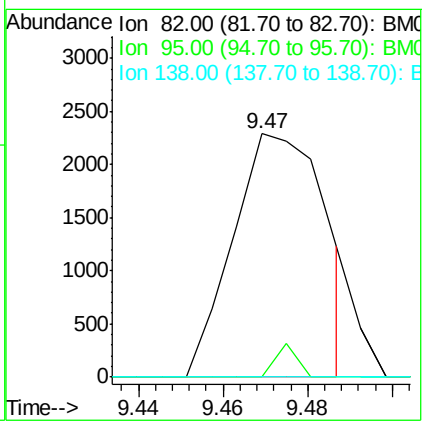


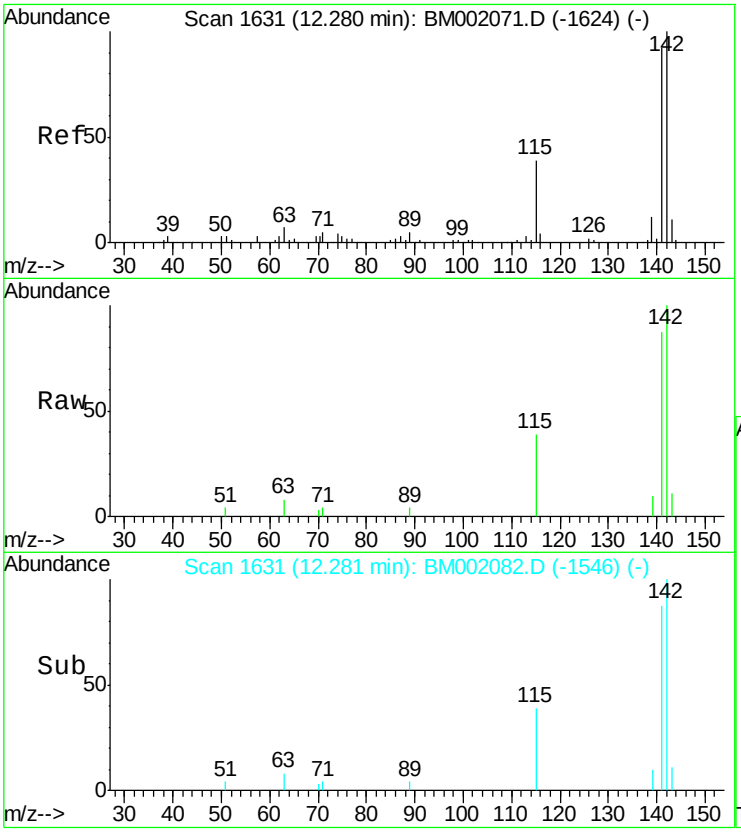


#21
Isophorone
Concen: 0.56 ng/ul
RT: 9.47 min Scan# 1153
Delta R.T. 0.15 min
Lab File: BM002082.D
Acq: 28 Jul 2015 05:33

Tgt Ion: 82 Resp: 3475

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



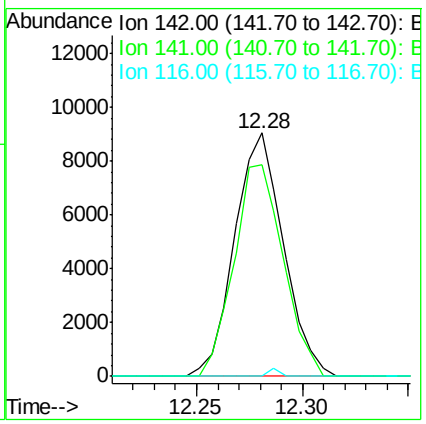


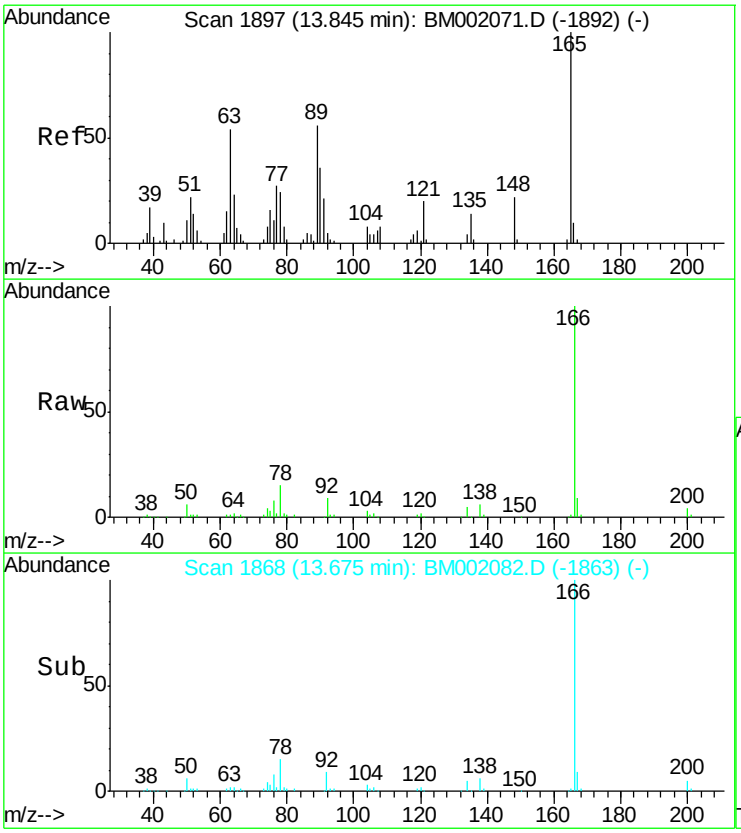
#35
1-Methylnaphthalene
Concen: 2.09 ng/ul
RT: 12.28 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BM002082.D
Acq: 28 Jul 2015 05:33

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tgt Ion:142 Resp: 14486

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.4	108.6
116	0.0	3.2	4.8#

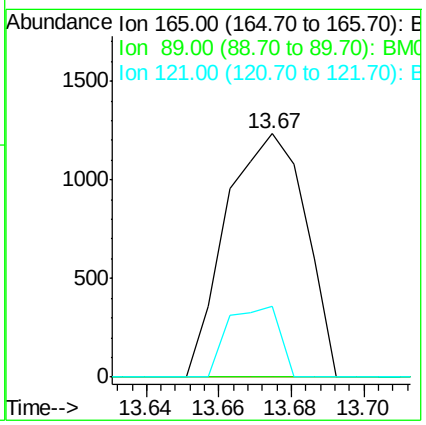


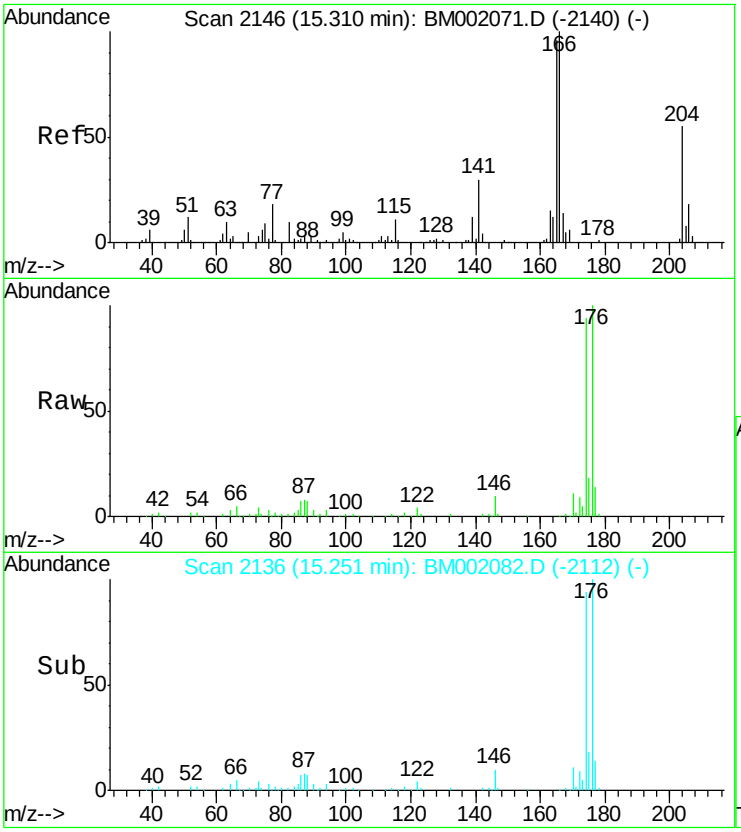


#46
2,6-Dinitrotoluene
Concen: 1.04 ng/ul
RT: 13.67 min Scan# 1868
Delta R.T. -0.17 min
Lab File: BM002082.D
Acq: 28 Jul 2015 05:33

Tgt Ion:165 Resp: 1878

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.7	64.1#
121	29.3	14.8	22.2#



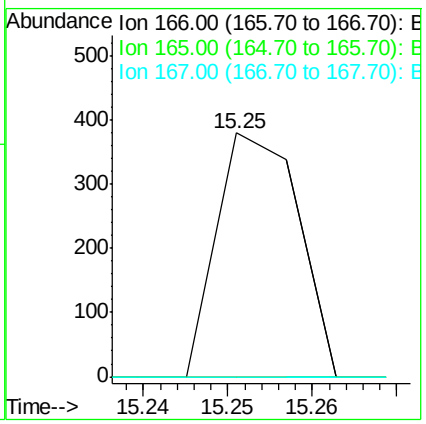


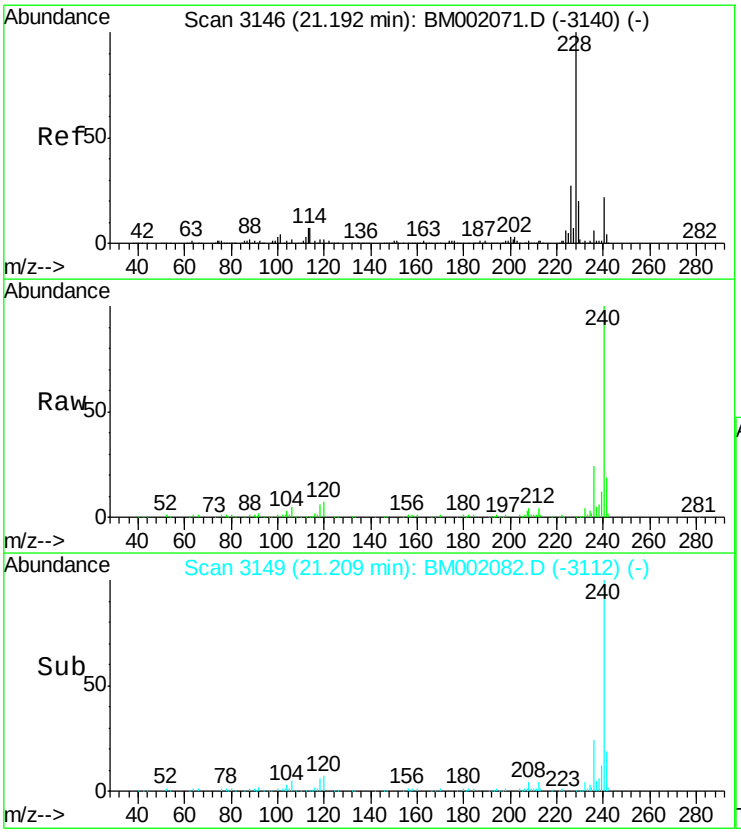
#59
Fluorene
Concen: 0.03 ng/ul
RT: 15.25 min Scan# 2136
Delta R.T. -0.06 min
Lab File: BM002082.D
Acq: 28 Jul 2015 05:33

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tgt Ion:166 Resp: 253

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

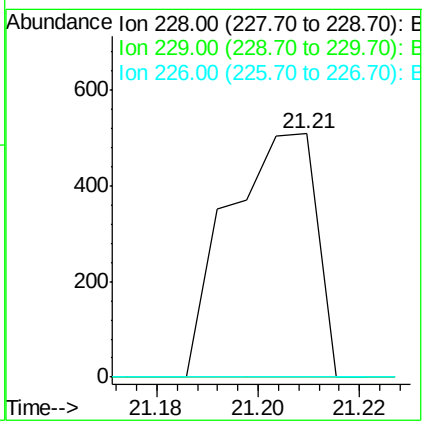


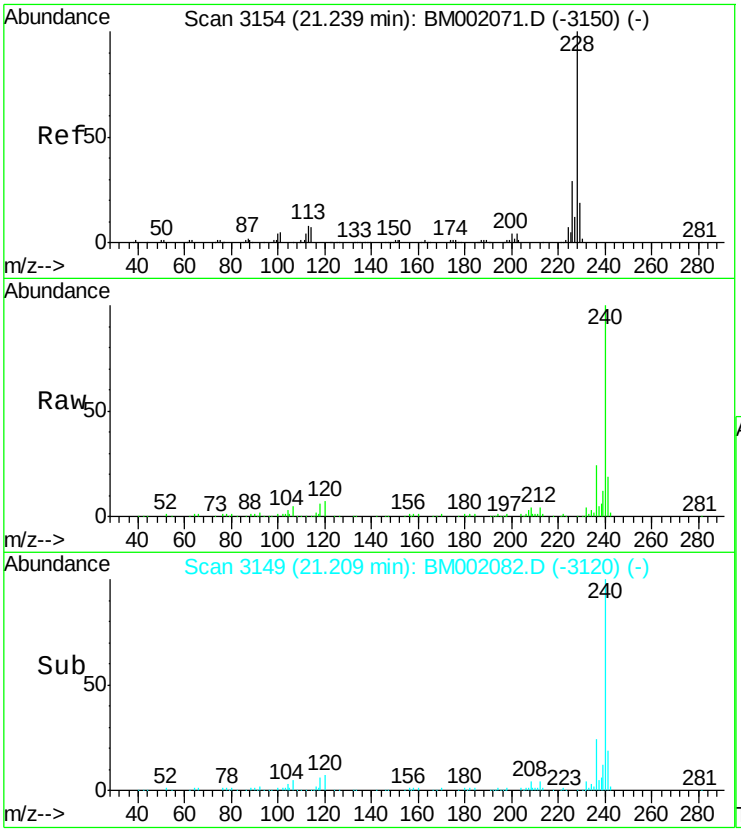


#83
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. 0.02 min
Lab File: BM002082.D
Acq: 28 Jul 2015 05:33

Tgt Ion:228 Resp: 613

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



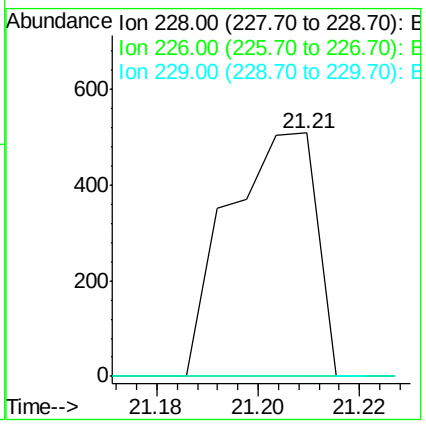


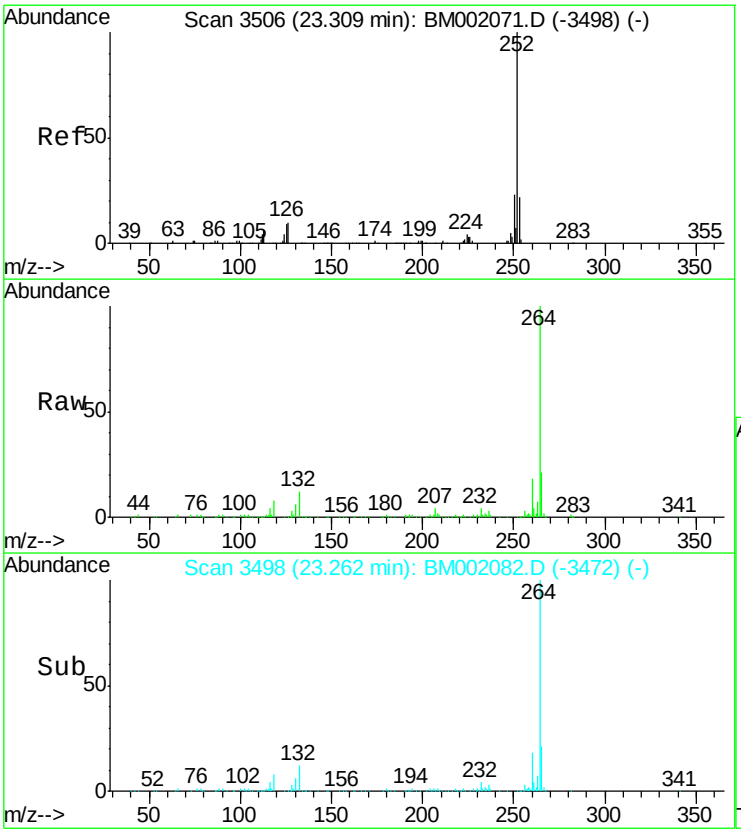
#85
Chrysene
Concen: 0.04 ng/ul
RT: 21.21 min Scan# 3149
Delta R.T. -0.03 min
Lab File: BM002082.D
Acq: 28 Jul 2015 05:33

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Tgt Ion:228 Resp: 613

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





#91
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.26 min Scan# 3498
Delta R.T. -0.05 min
Lab File: BM002082.D
Acq: 28 Jul 2015 05:33

Tgt Ion:252 Resp: 1155

Ion	Ratio	Lower	Upper
252	100		
253	45.3	17.2	25.8#
125	0.0	6.6	10.0#