Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001256.D
Acq On : 12 May 2015 13:43
Operator : TP/IZ
Sample : G2159-02DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75DL

Quant Time: May 12 18:44:43 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 12 06:50:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	182441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	806025	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	486693	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	1107704	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	1226405	20.00	ng/ul	0.00
83) Perylene-d12	23.20	264	1169819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.88	96	3891	1.04	ng/uL	0.00
5) Phenol-d5	6.63	99	77065	5.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	161542	18.42	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	186088	16.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	141976	12.05	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	95628	17.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	107820	18.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	203416	17.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	15477	1.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	724874	21.98	ng/ul	0.00
46) Acenaphthylene-d8	13.81	160	932535	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	28439	4.26	ng/ul	0.00
57) Fluorene-d10	15.12	176	656916	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	101023	14.93	ng/ul	0.00
70) Anthracene-d10	16.97	188	1042035	20.62	ng/ul	0.00
76) Pyrene-d10	19.27	212	1148798	20.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.06	264	1067113	20.66	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.23	108	269793	21.29	ng/ul	89
28) Naphthalene	10.27	128	1279470	30.88	ng/ul	99
32) Caprolactam	11.13	113	15943	4.34	ng/ul	92
38) 2,4,6-Trichlorophenol	12.54	196	189351	20.24	ng/ul	100
45) 2,6-Dinitrotoluene	13.71	165	99983	13.95	ng/ul	98
47) Acenaphthylene	13.84	152	414801	8.26	ng/ul	99
53) Dibenzofuran	14.52	168	684397	14.63	ng/ul	100
58) Fluorene	15.17	166	797027	20.57	ng/ul	98
64) N-Nitrosodiphenylamine	15.40	169	419192	12.57	ng/ul	99
67) Atrazine	16.36	200	491596	42.57	ng/ul	99
69) Phenanthrene	16.92	178	1552164	25.28	ng/ul	99
72) Carbazole	17.28	167	1240021	21.70	ng/ul	99
77) Pyrene	19.30	202	1631272	21.33	ng/ul	99
80) Benzo(a)anthracene	21.06	228	587799	8.19	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.01	149	306731	7.36	ng/ul	100
85) Benzo(b)fluoranthene	22.57	252	590312	8.36	ng/ul	99

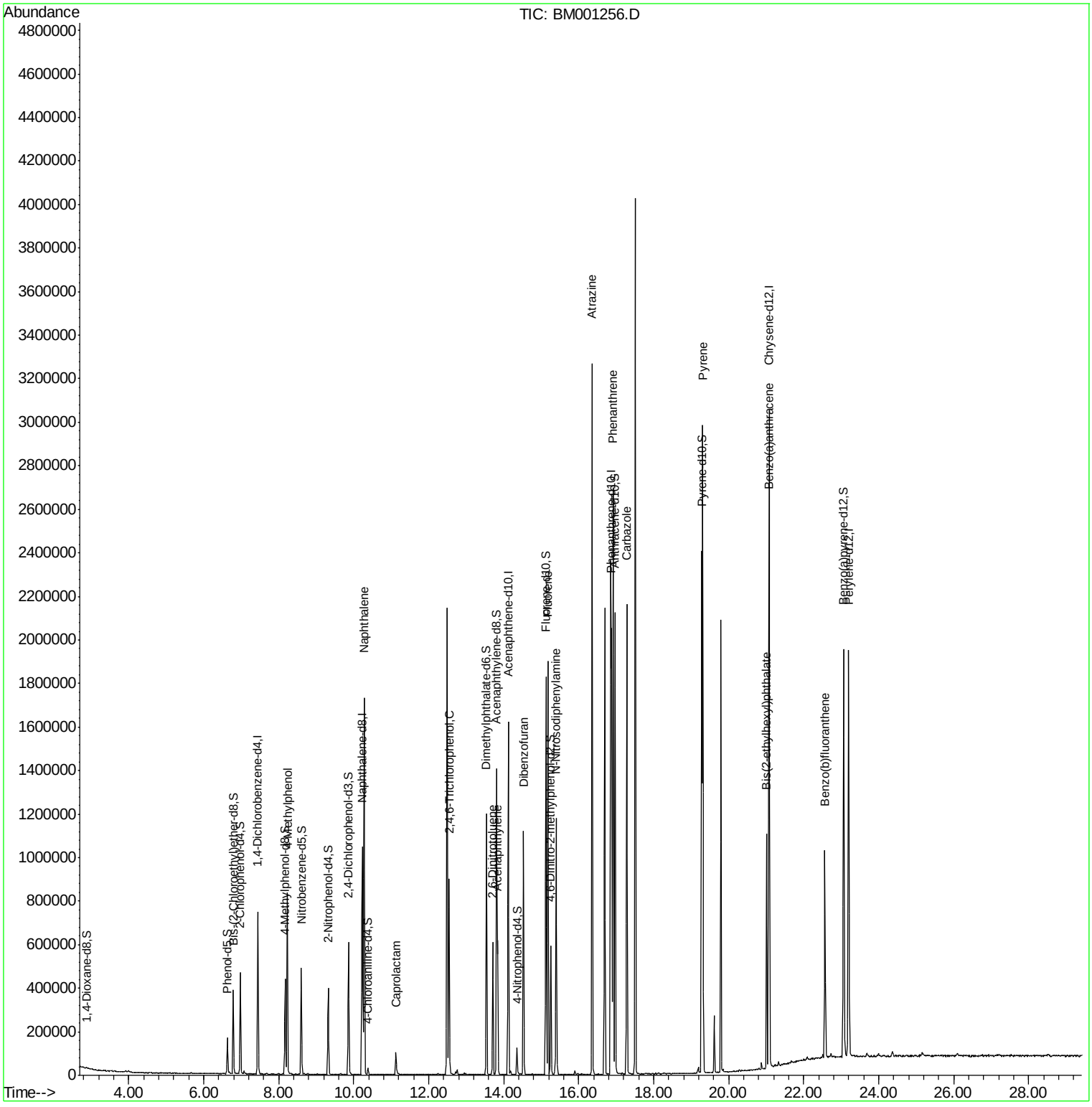
(#) = qualifier out of range (m) = manual integration (+) = signals summed

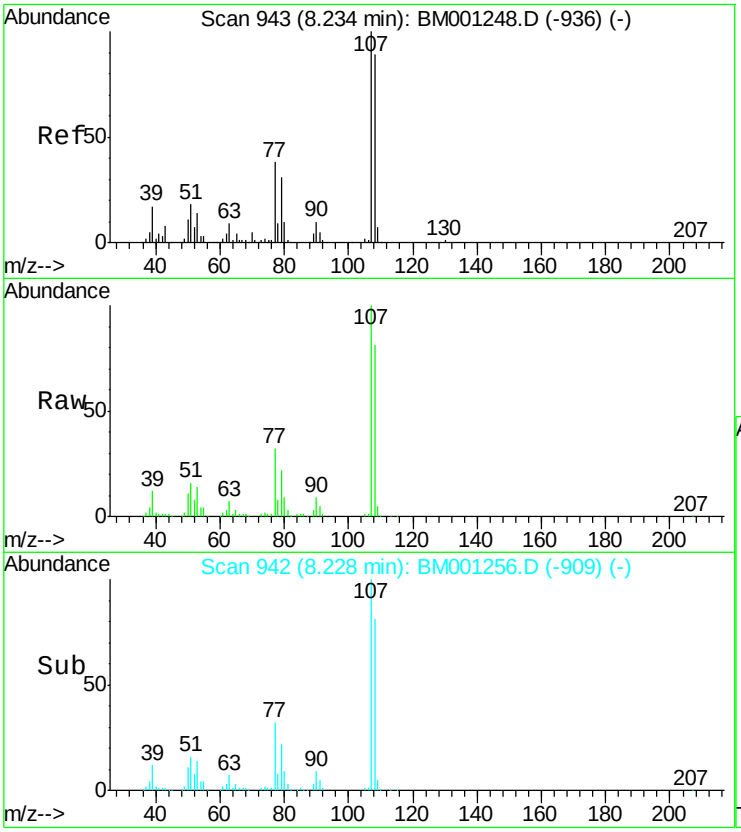
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001256.D
Acq On : 12 May 2015 13:43
Operator : TP/IZ
Sample : G2159-02DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1R75DL

Quant Time: May 12 18:44:43 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 12 06:50:27 2015
Response via : Initial Calibration



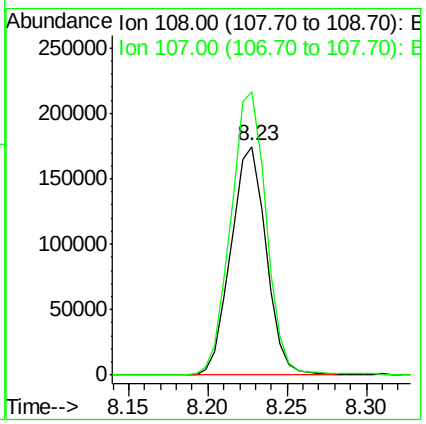


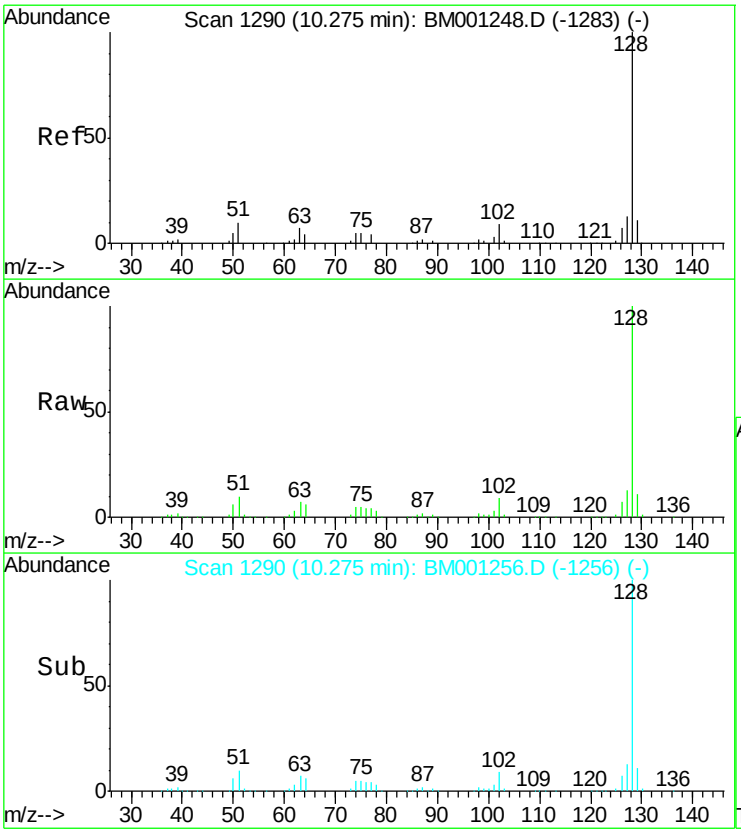
#16
4-Methylphenol
Concen: 21.29 ng/ul
RT: 8.23 min Scan# 942
Delta R.T. -0.01 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Instrument :
BNA_M
ClientSampleId :
X1R75DL

Tgt Ion:108 Resp: 269793

Ion	Ratio	Lower	Upper
108	100		
107	123.9	89.8	134.8

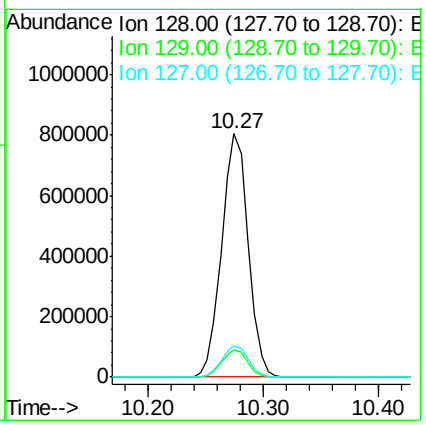


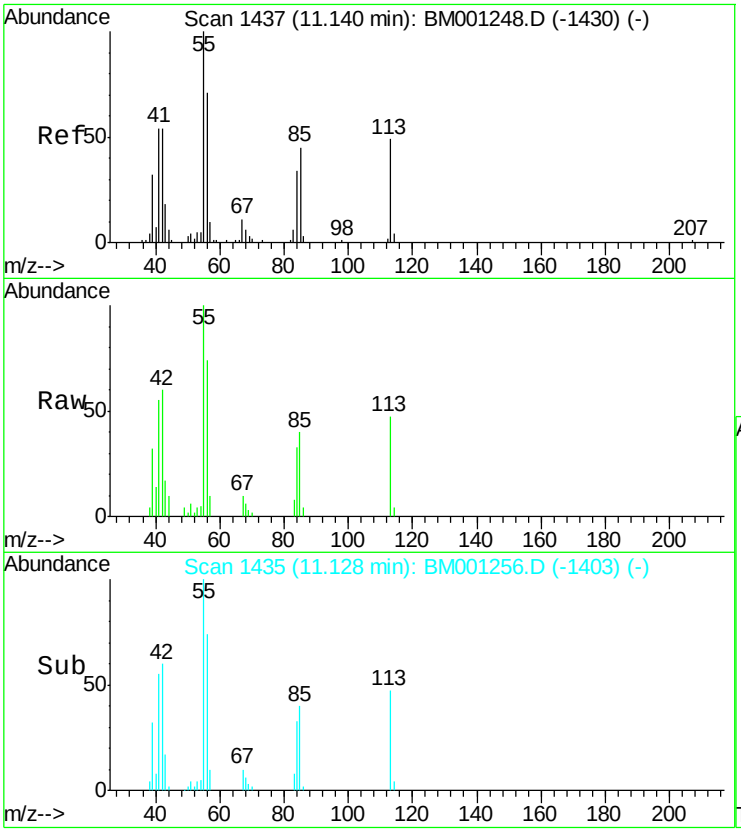


#28
Naphthalene
Concen: 30.88 ng/ul
RT: 10.27 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Tgt Ion:128 Resp: 1279470

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	12.7	10.0	15.0



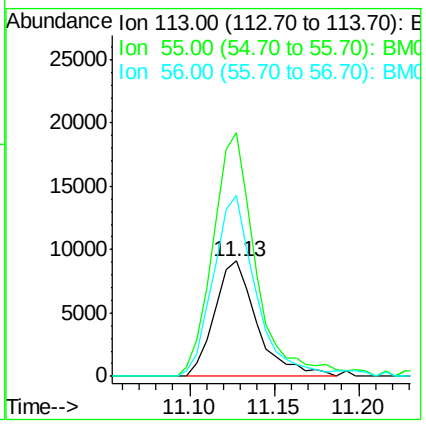


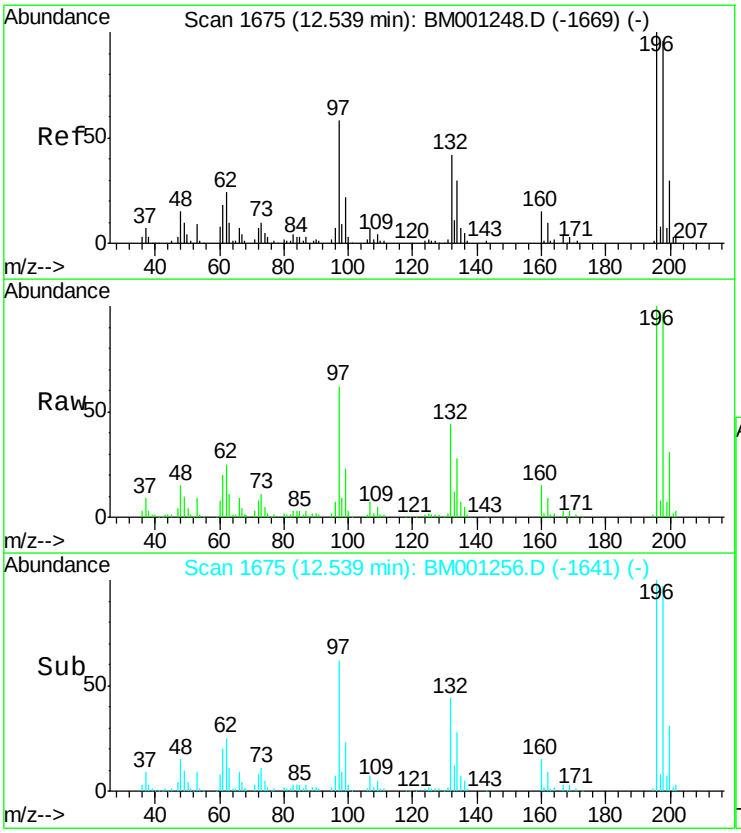
#32
Caprolactam
Concen: 4.34 ng/ul
RT: 11.13 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Instrument :
BNA_M
ClientSampleId :
X1R75DL

Tgt Ion:113 Resp: 15943

Ion	Ratio	Lower	Upper
113	100		
55	211.3	162.1	243.1
56	157.2	115.5	173.3

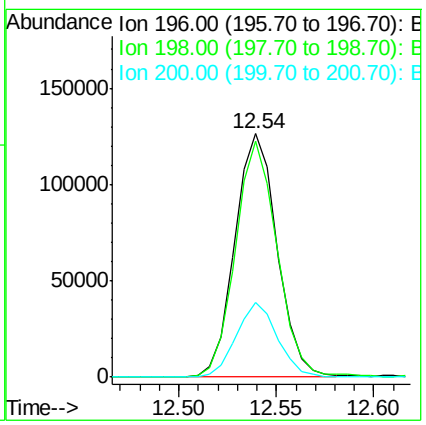


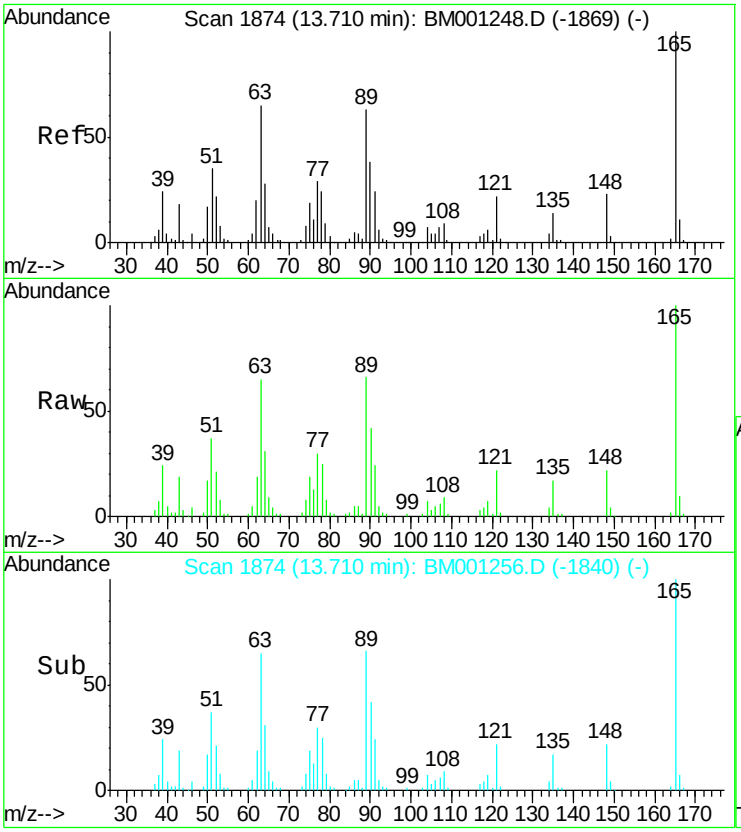


#38
2,4,6-Trichlorophenol
Concen: 20.24 ng/ul
RT: 12.54 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Tgt Ion:196 Resp: 189351

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.1	115.7
200	30.5	24.4	36.6



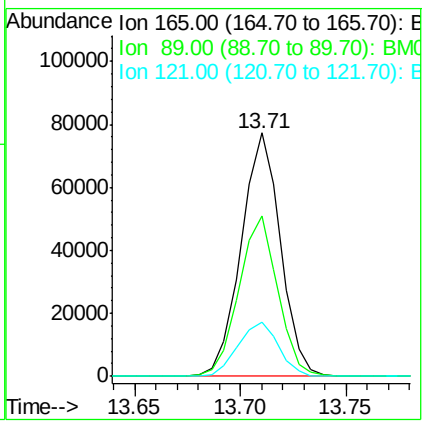


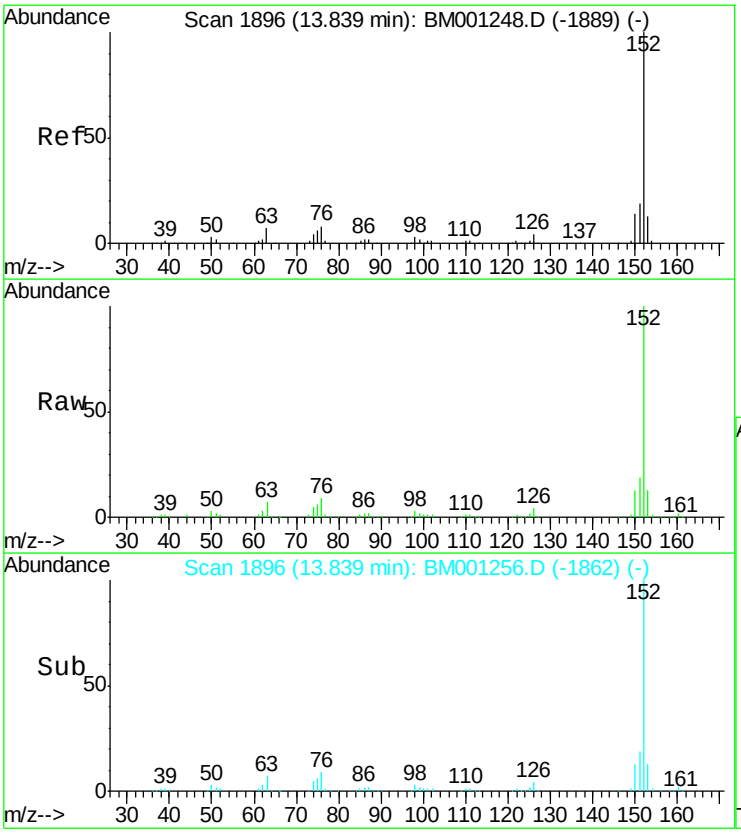
#45
2,6-Dinitrotoluene
Concen: 13.95 ng/ul
RT: 13.71 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Instrument :
BNA_M
ClientSampleId :
X1R75DL

Tgt Ion:165 Resp: 99983

Ion	Ratio	Lower	Upper
165	100		
89	65.6	50.7	76.1
121	22.2	18.0	27.0

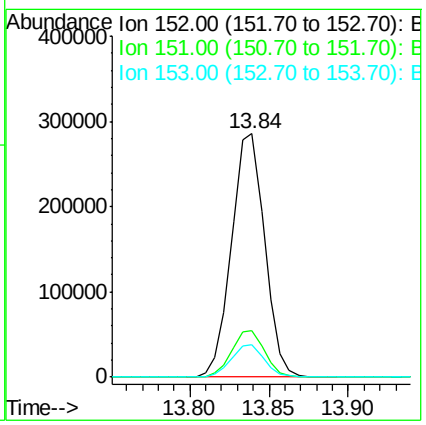


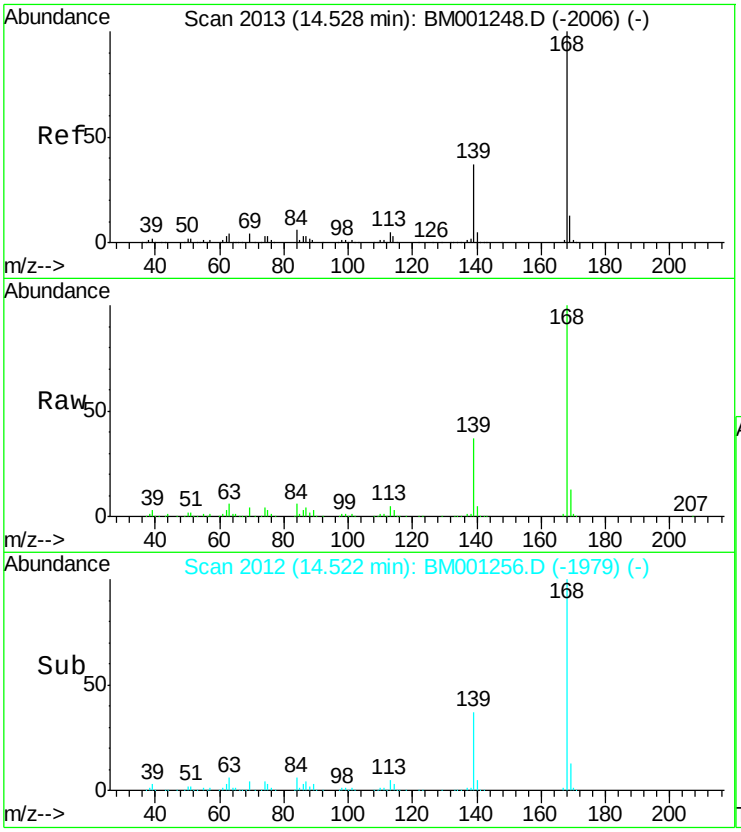


#47
Acenaphthylene
Concen: 8.26 ng/ul
RT: 13.84 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Tgt Ion:152 Resp: 414801

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6
153	13.2	10.0	15.0



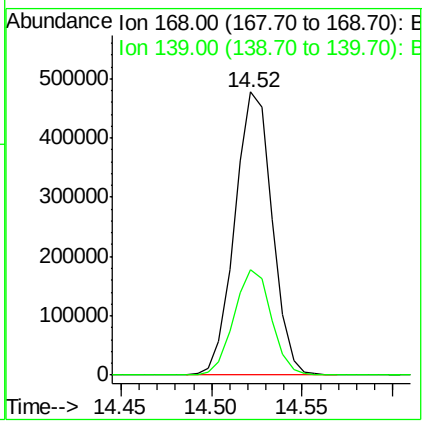


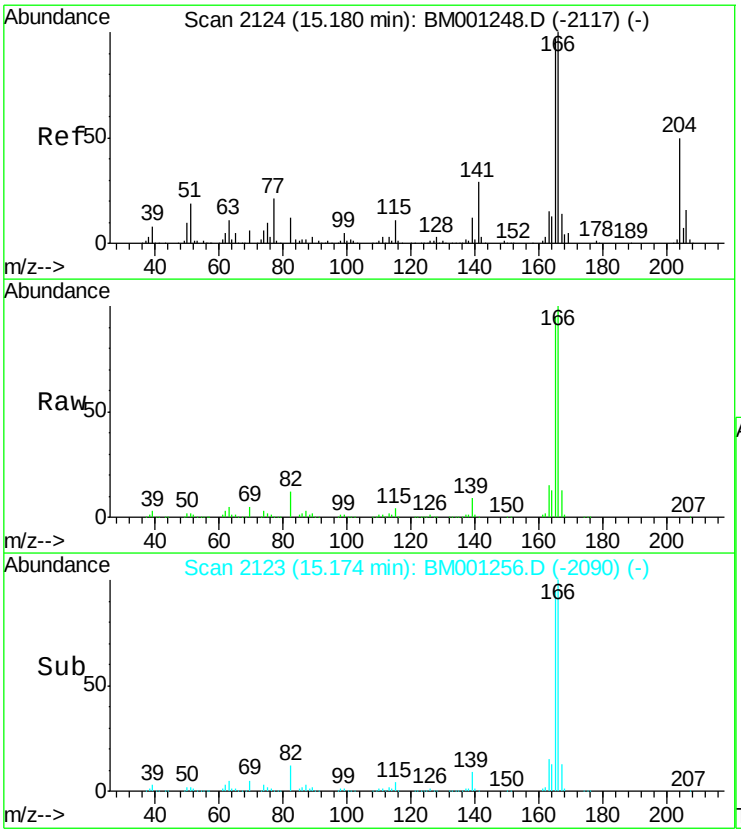
#53
Dibenzofuran
Concen: 14.63 ng/ul
RT: 14.52 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Instrument :
BNA_M
ClientSampleId :
X1R75DL

Tgt Ion:168 Resp: 684397

Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.8

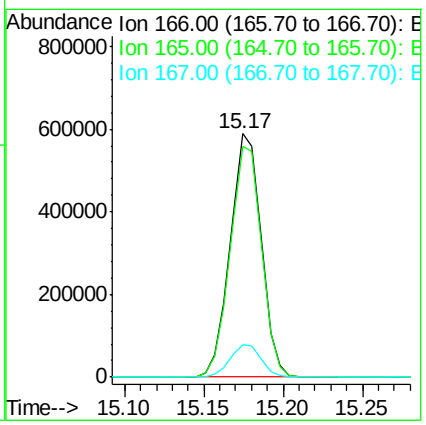


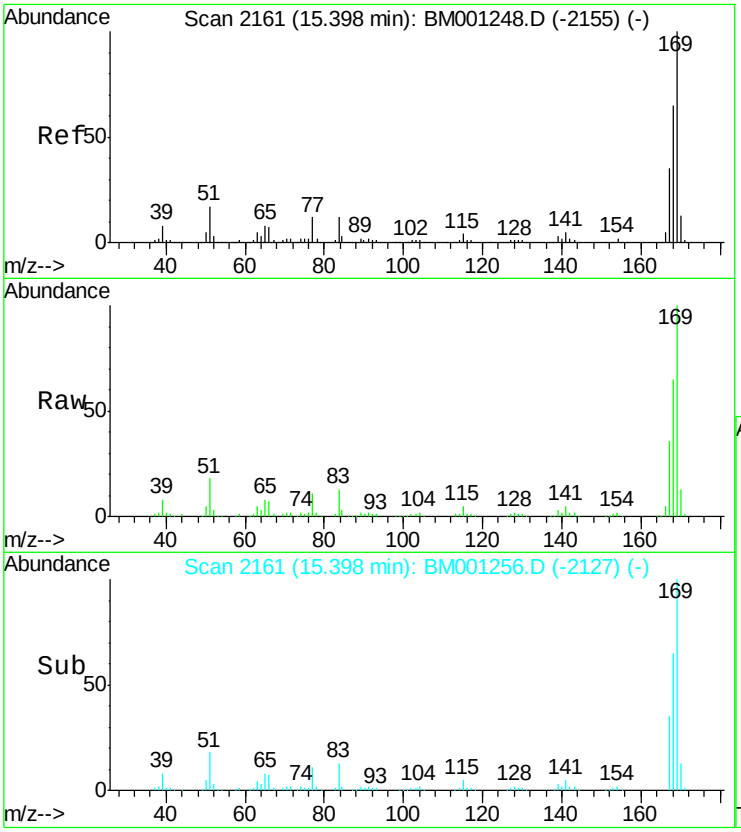


#58
Fluorene
Concen: 20.57 ng/ul
RT: 15.17 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Tgt Ion:166 Resp: 797027

Ion	Ratio	Lower	Upper
166	100		
165	94.6	77.7	116.5
167	13.1	11.0	16.6



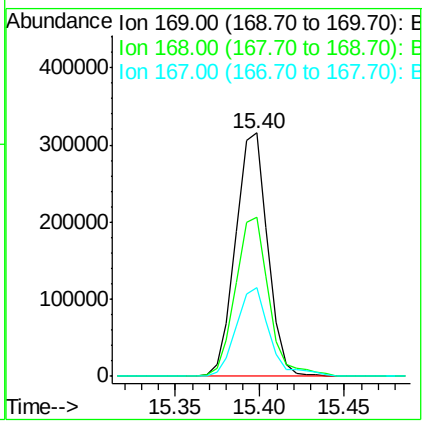


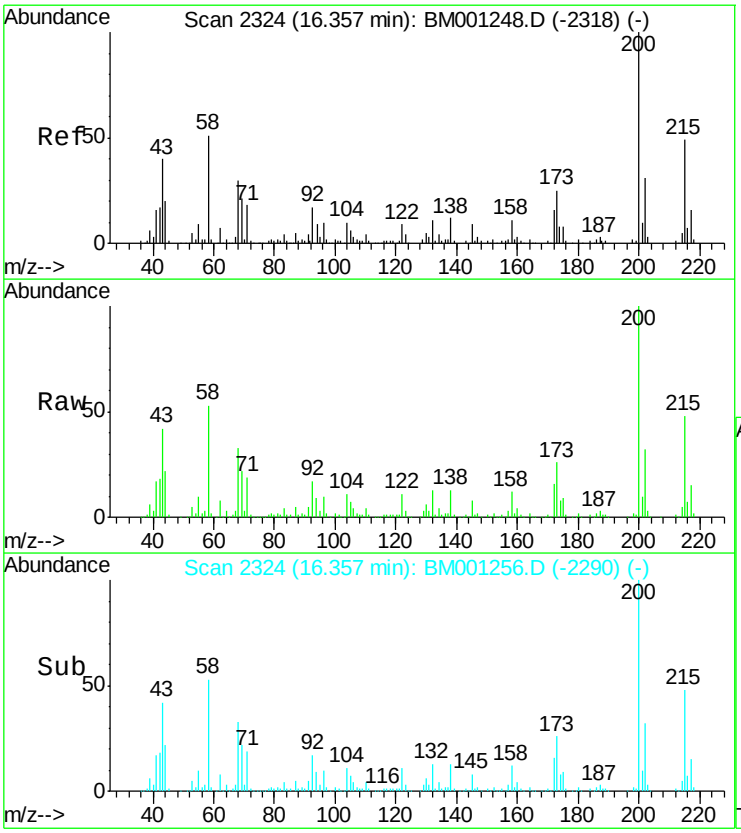
#64
N-Nitrosodiphenylamine
Concen: 12.57 ng/ul
RT: 15.40 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Instrument :
BNA_M
ClientSampleId :
X1R75DL

Tgt Ion:169 Resp: 419192

Ion	Ratio	Lower	Upper
169	100		
168	65.4	51.8	77.8
167	36.2	27.8	41.8

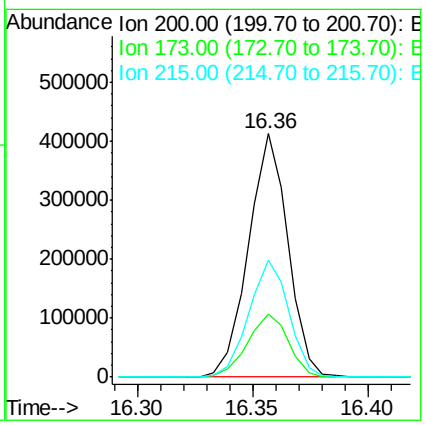


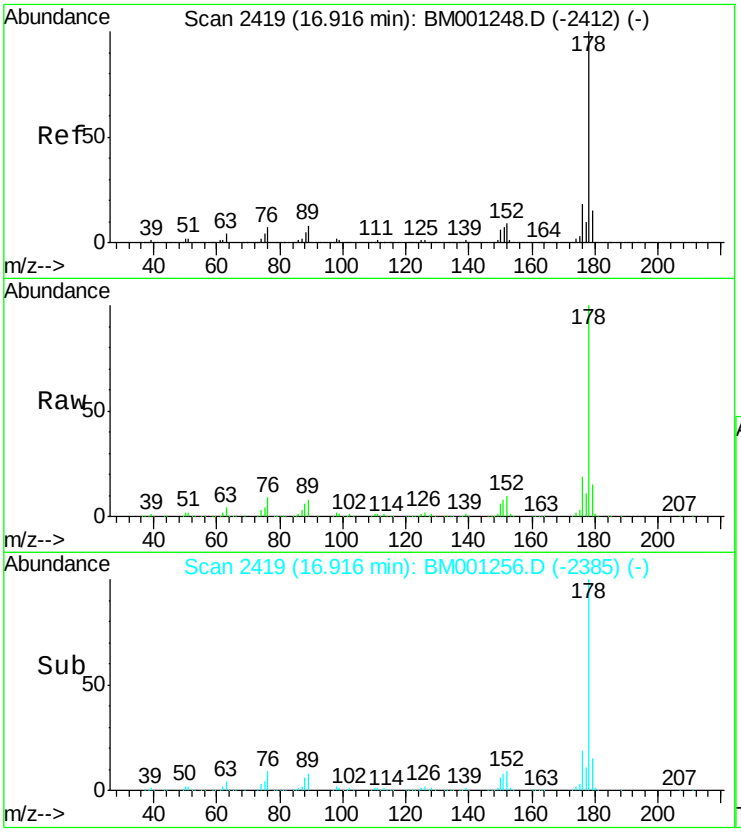


#67
Atrazine
Concen: 42.57 ng/ul
RT: 16.36 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Tgt Ion:200 Resp: 491596

Ion	Ratio	Lower	Upper
200	100		
173	25.7	20.4	30.6
215	48.1	39.4	59.0



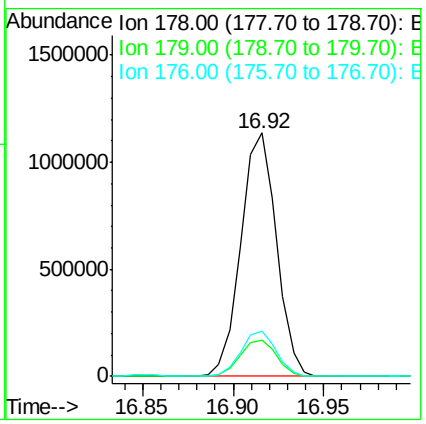


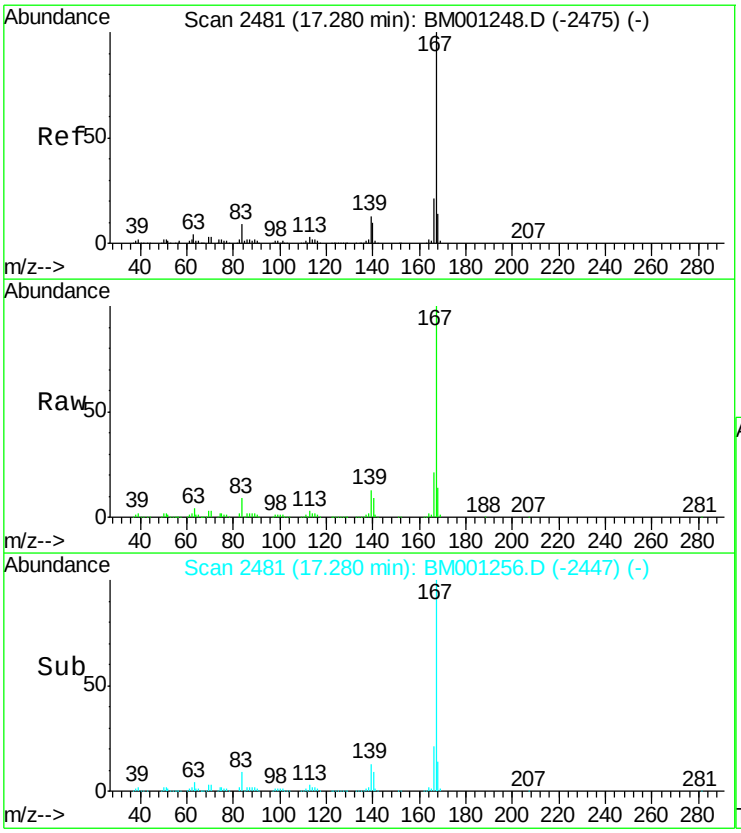
#69
Phenanthrene
Concen: 25.28 ng/ul
RT: 16.92 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Instrument :
BNA_M
ClientSampleId :
X1R75DL

Tgt Ion:178 Resp: 1552164

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.6	14.3	21.5

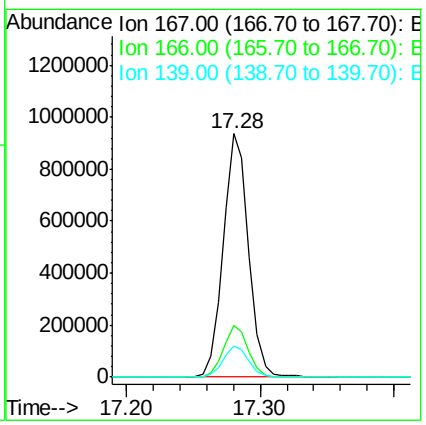


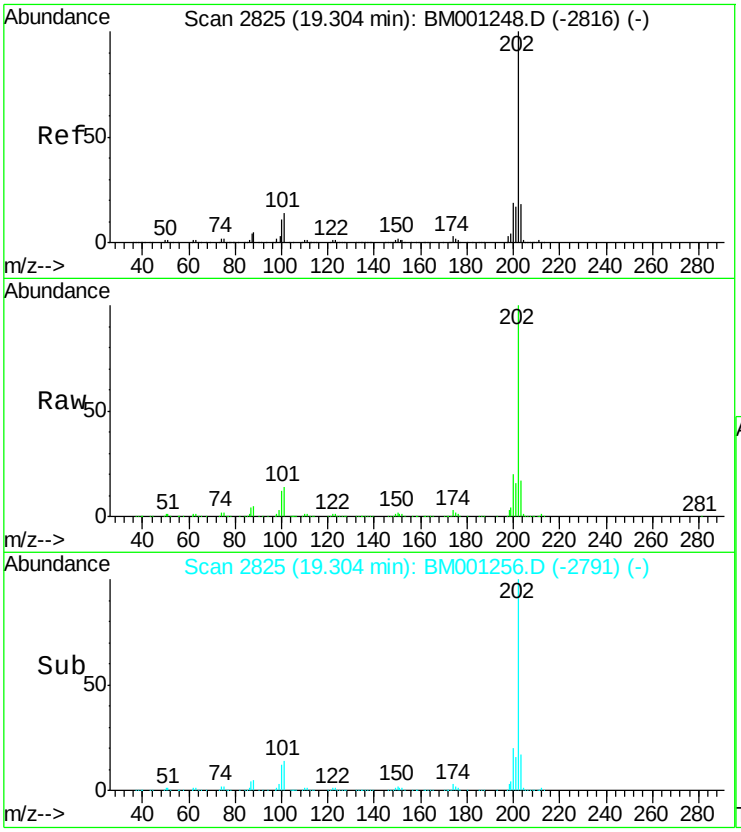


#72
Carbazole
Concen: 21.70 ng/ul
RT: 17.28 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Tgt Ion:167 Resp: 1240021

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	24.8
139	12.9	10.0	15.0



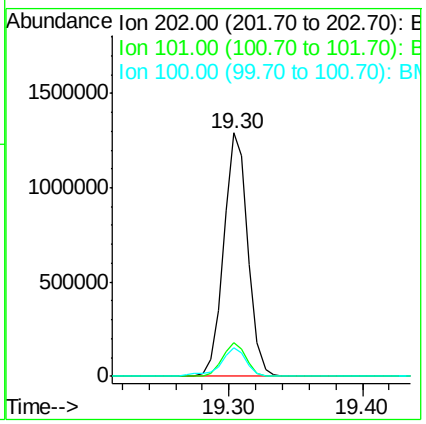


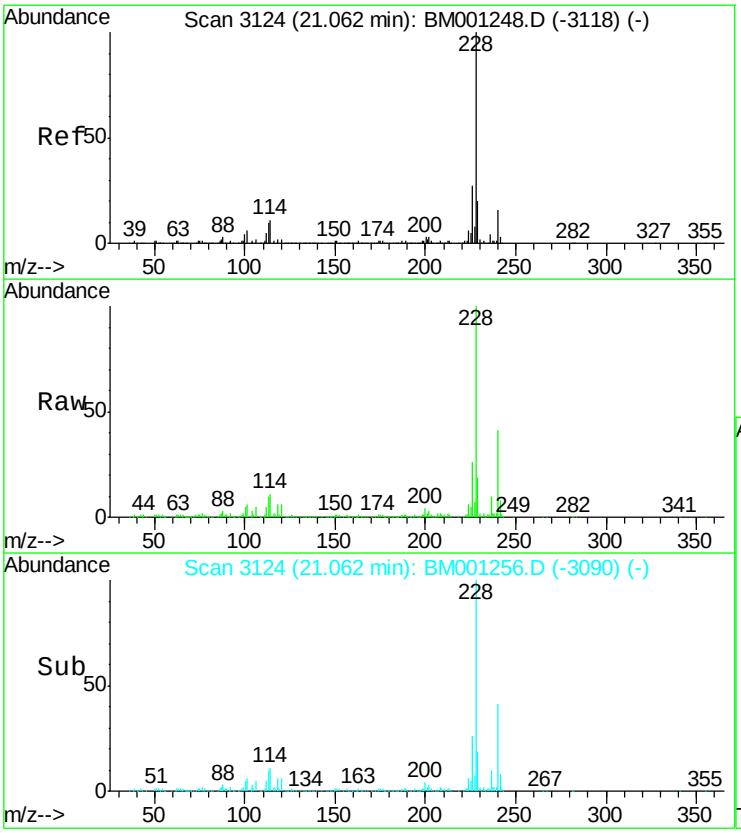
#77
Pyrene
Concen: 21.33 ng/ul
RT: 19.30 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Instrument :
BNA_M
ClientSampleId :
X1R75DL

Tgt Ion:202 Resp: 1631272

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.6
100	11.8	9.0	13.4

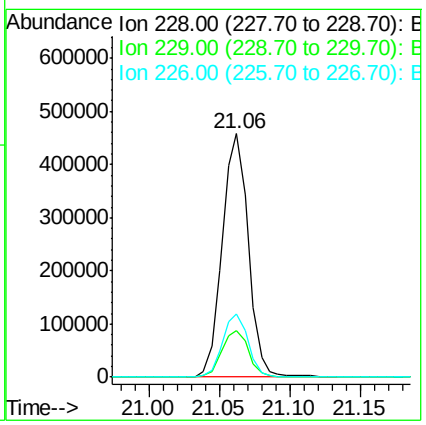


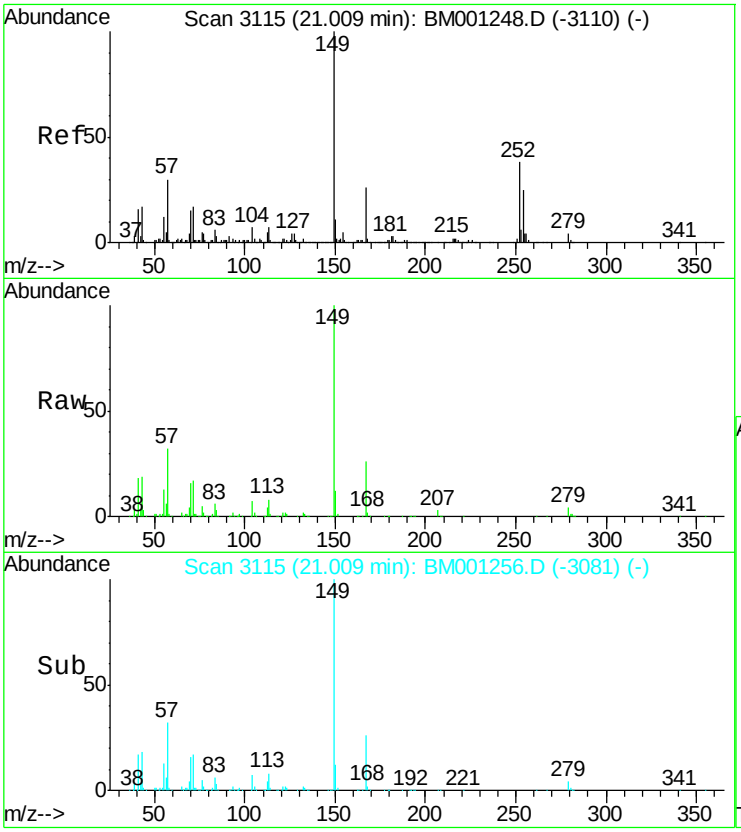


#80
Benzo(a)anthracene
Concen: 8.19 ng/ul
RT: 21.06 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Tgt Ion:228 Resp: 587799

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.8	23.6
226	26.2	21.2	31.8



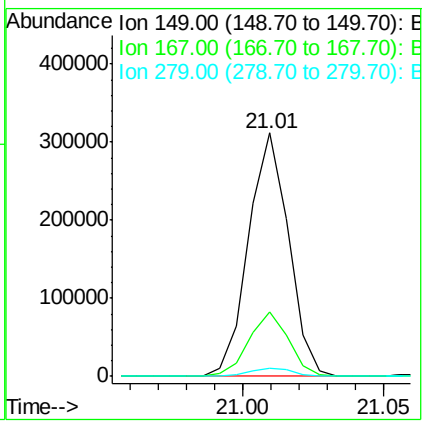


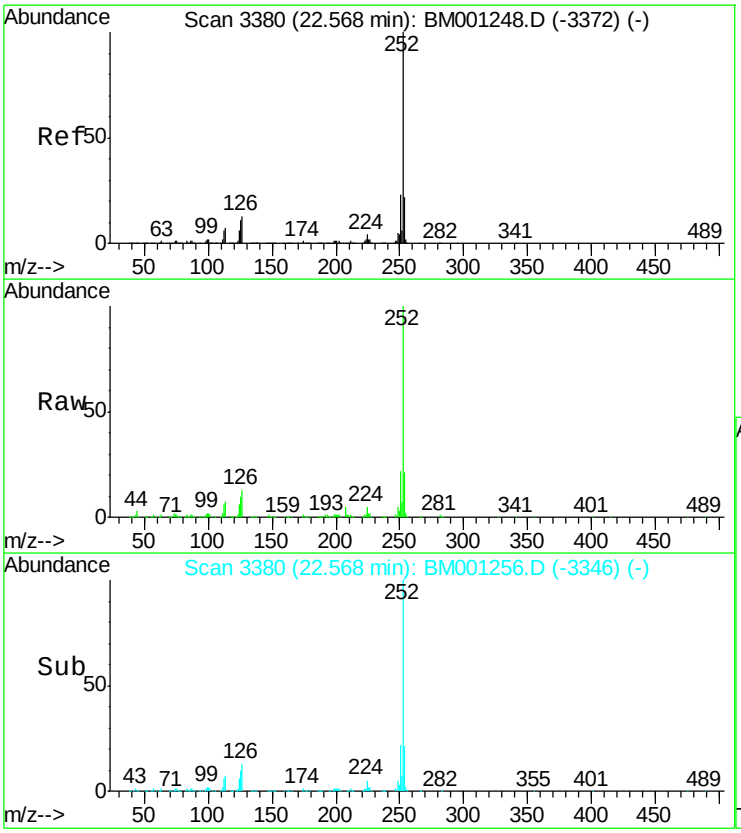
#81
Bis(2-ethylhexyl)phthalate
Concen: 7.36 ng/ul
RT: 21.01 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Instrument :
BNA_M
ClientSampleId :
X1R75DL

Tgt Ion:149 Resp: 306731

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.5	3.1	4.7





#85
Benzo(b)fluoranthene
Concen: 8.36 ng/ul
RT: 22.57 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BM001256.D
Acq: 12 May 2015 13:43

Tgt Ion:252 Resp: 590312

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	10.1	8.9	13.3