Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
Operator : UM/SJ
Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA232

Quant Time: Aug 17 02:25:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 02:24:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	247431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	979364	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	562970	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1305219	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1674159	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1743804	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	33290	5.88	ng/uL	0.00
5) Phenol-d5	6.97	99	638033	31.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	366378	31.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	511517	32.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	502542	30.47	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	233068	32.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	263734	34.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	505828	31.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	537934	28.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1550987	33.34	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1853995	33.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	246126	29.52	ng/ul	0.00
57) Fluorene-d10	15.43	176	1298257	31.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	216053	29.95	ng/ul	0.00
70) Anthracene-d10	17.28	188	2053253	33.96	ng/ul	0.00
76) Pyrene-d10	19.57	212	2454936	34.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2823731	35.40	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	604160	28.62	ng/ul	98
11) 2-Methylphenol	8.25	108	540546	34.04	ng/ul	99
44) Dimethylphthalate	13.89	163	50785	1.09	ng/ul	99
47) Acenaphthylene	14.16	152	1084176	18.85	ng/ul	99
49) Acenaphthene	14.50	153	734846	19.68	ng/ul	99
53) Dibenzofuran	14.83	168	1276837	23.03	ng/ul	98
56) Diethylphthalate	15.26	149	1423449	29.02	ng/ul	99
58) Fluorene	15.49	166	828134	18.53	ng/ul	98
64) N-Nitrosodiphenylamine	15.70	169	1541951	41.74	ng/ul	99
67) Atrazine	16.65	200	756544	50.81	ng/ul	98
68) Pentachlorophenol	16.83	266	687844	66.86	ng/ul	100
69) Phenanthrene	17.32	178	925825	13.19	ng/ul	99
71) Anthracene	17.32	178	925825	12.85	ng/ul	100
73) Di-n-butylphthalate	18.15	149	1864496	24.57	ng/ul	99
78) Butylbenzylphthalate	20.50	149	1210015	33.63	ng/ul	98
84) Di-n-octyl phthalate	22.17	149	2740313	30.46	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	3524601	33.55	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	3044152	30.86	ng/ul	100
88) Benzo(a)pyrene	23.54	252	2974520	29.87	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	4062983	33.29	ng/ul	99
90) Dibenzo(a,h)anthracene	25.95	278	2091321	20.42	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	3422047	33.17	ng/ul	98

Quantitation Report (Not Reviewed)

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Sample : H4436-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA232

Quant Time: Aug 17 02:25:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 02:24:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081716\
Data File : BM007144.D
Acq On : 16 Aug 2016 16:36
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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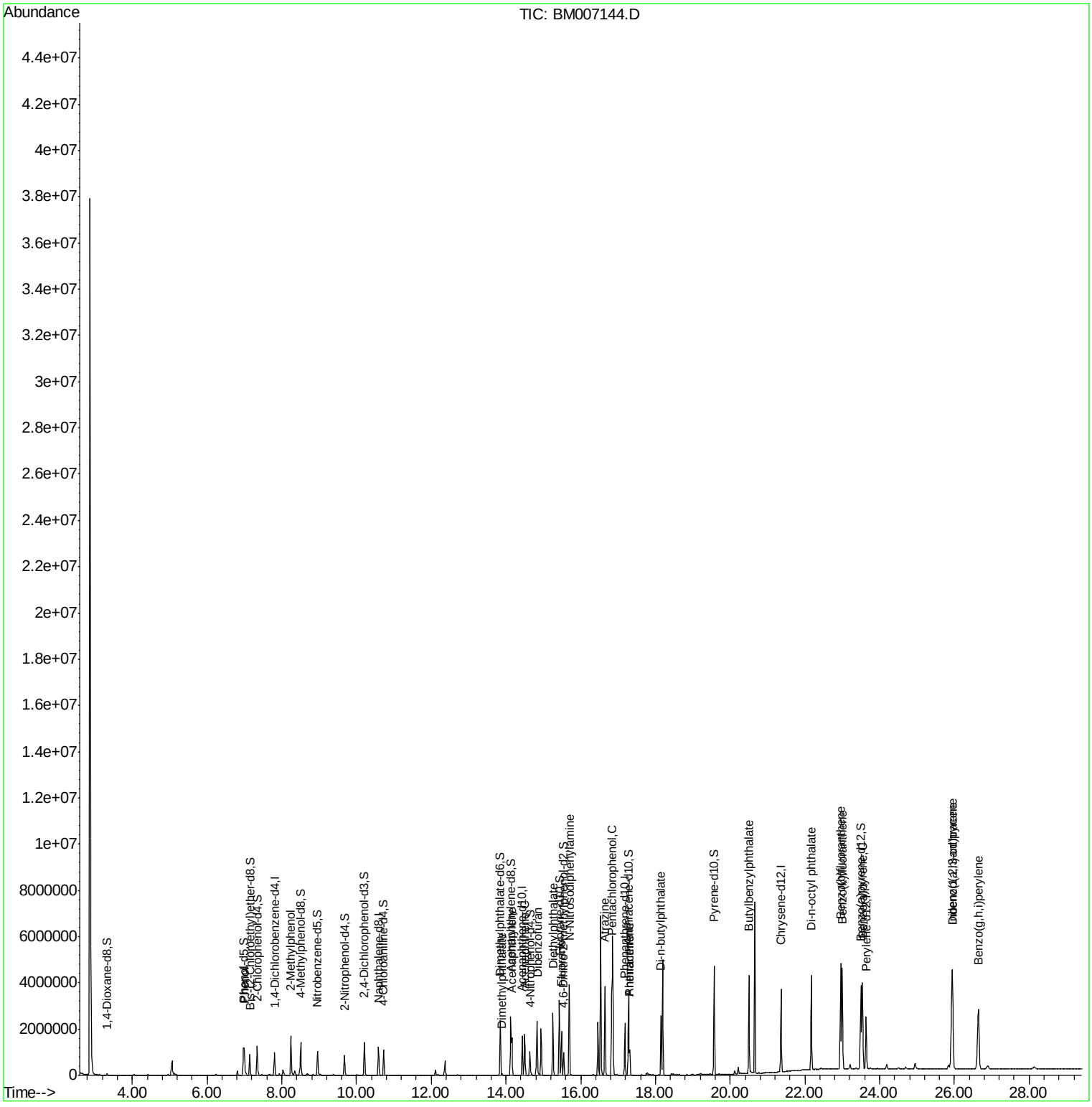
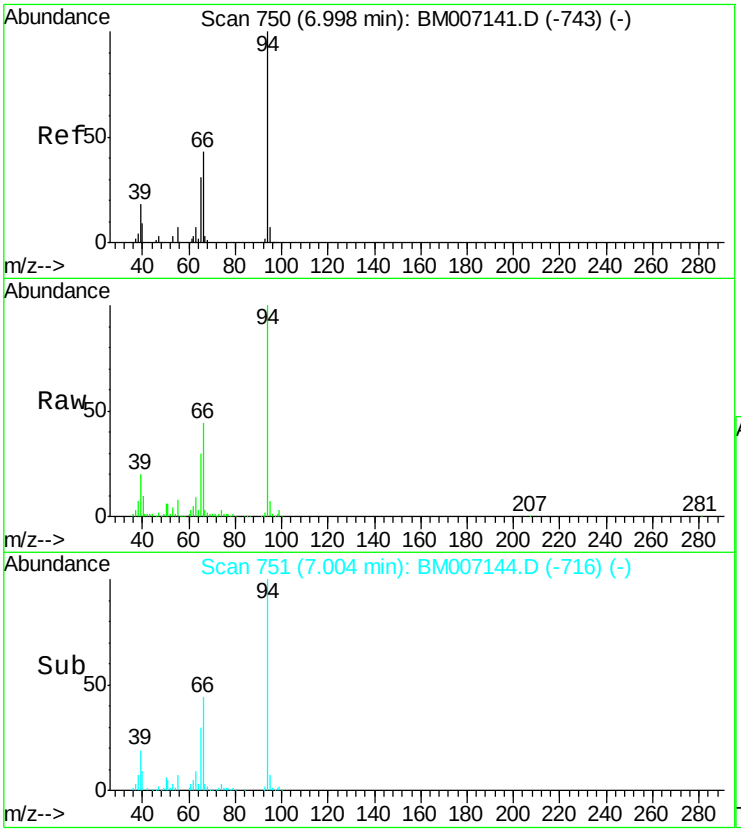


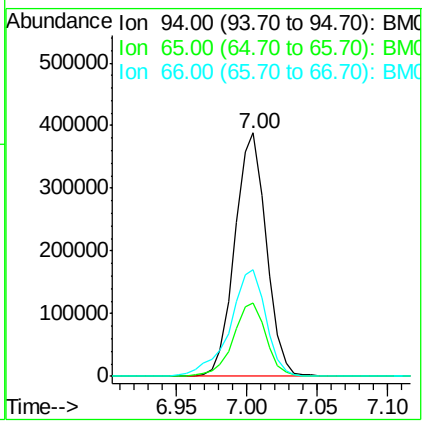


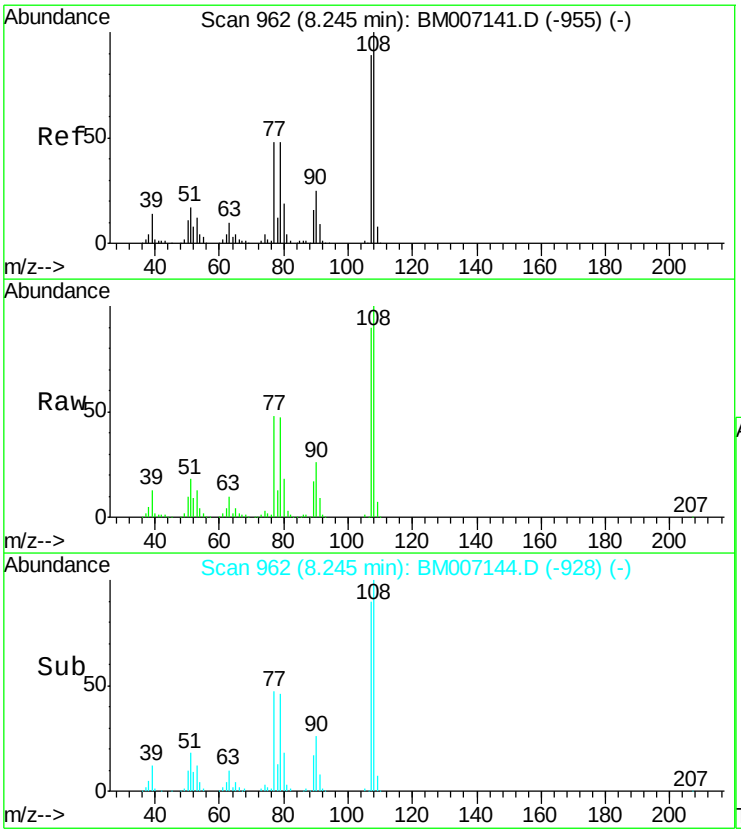
#6
Phenol
Concen: 28.62 ng/ul
RT: 7.00 min Scan# 751
Delta R.T. 0.01 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Instrument :
BNA_M
ClientSampleId :
DA232

Tgt Ion: 94 Resp: 604160

Ion	Ratio	Lower	Upper
94	100		
65	30.3	23.9	35.9
66	43.8	33.5	50.3

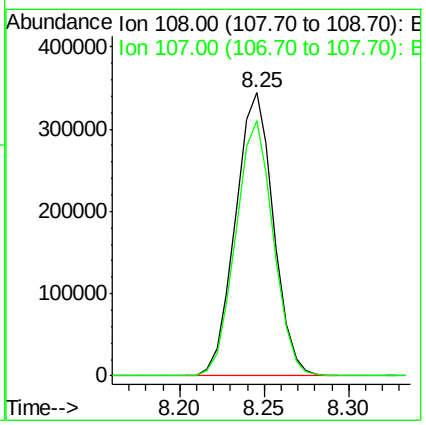


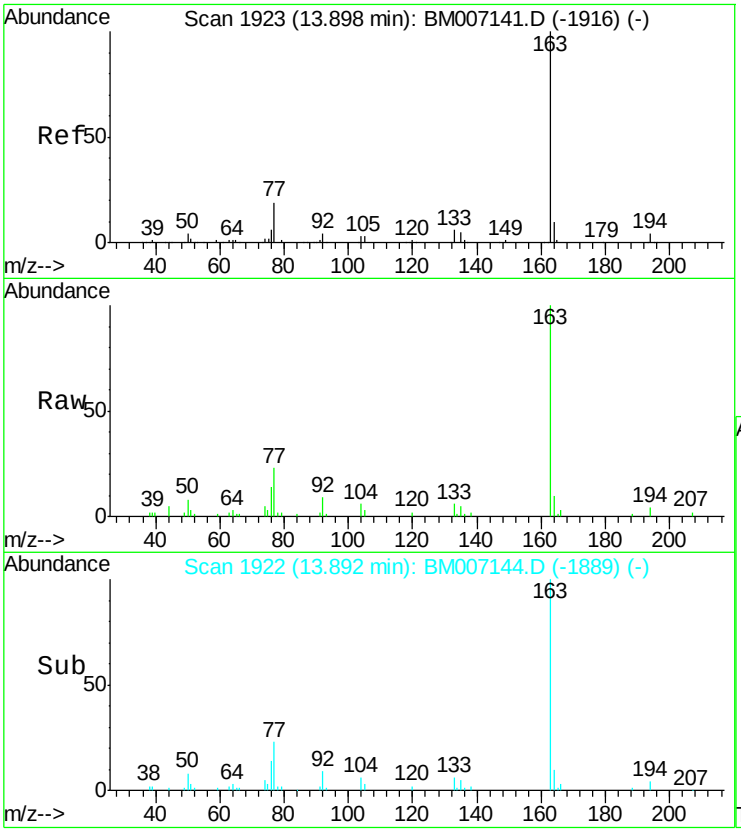


#11
2-Methylphenol
Concen: 34.04 ng/ul
RT: 8.25 min Scan# 962
Delta R.T. 0.00 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Tgt Ion:108 Resp: 540546

Ion	Ratio	Lower	Upper
108	100		
107	90.3	71.8	107.6



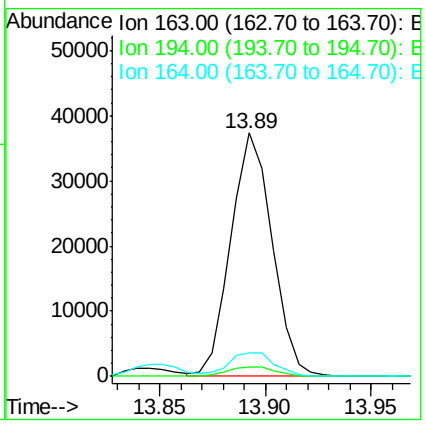


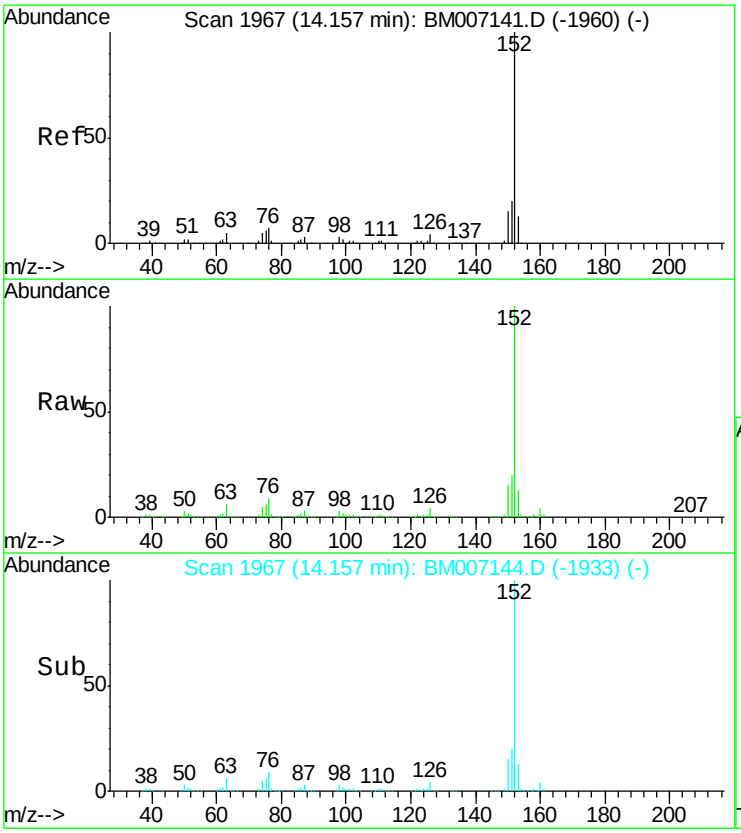
#44
Dimethylphthalate
Concen: 1.09 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Instrument : BNA_M
ClientSampleId : DA232

Tgt Ion:163 Resp: 50785

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.6	7.8	11.8

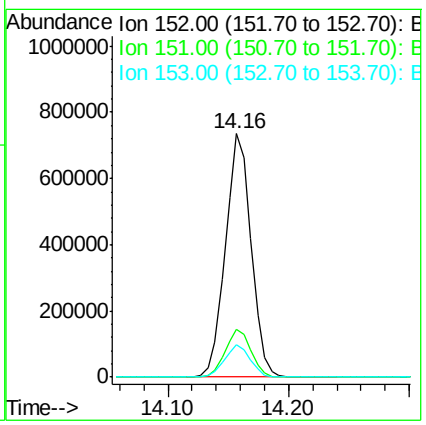


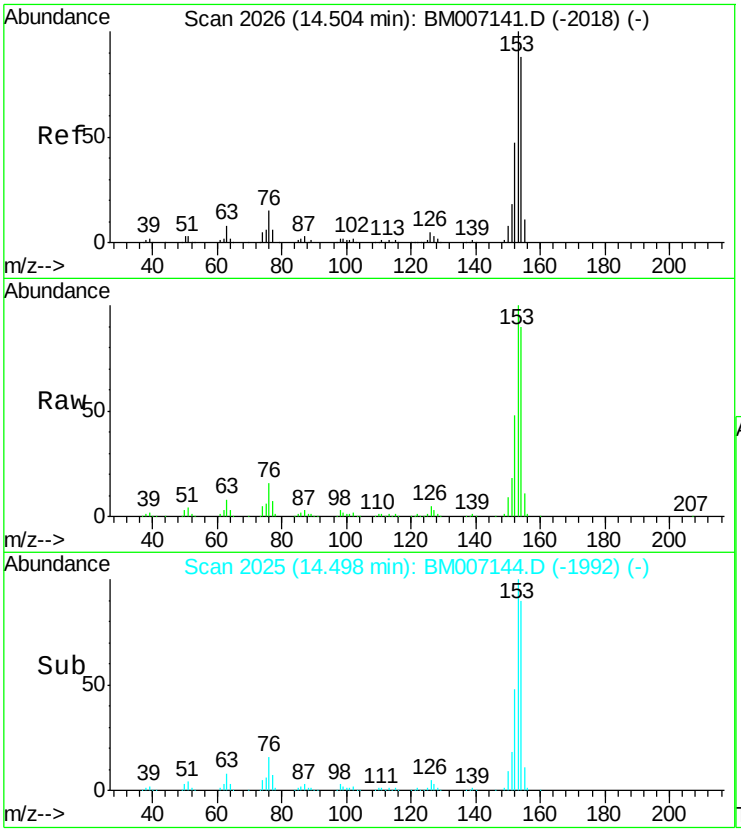


#47
Acenaphthylene
Concen: 18.85 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Tgt Ion:152 Resp: 1084176

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.2	11.0	16.6



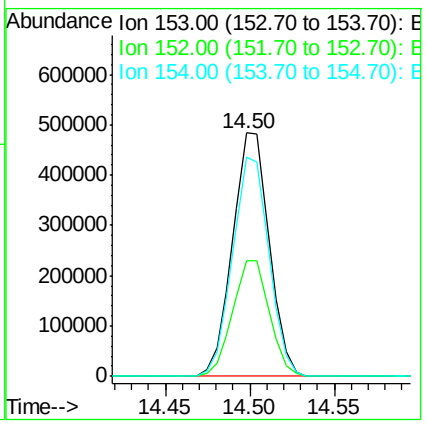


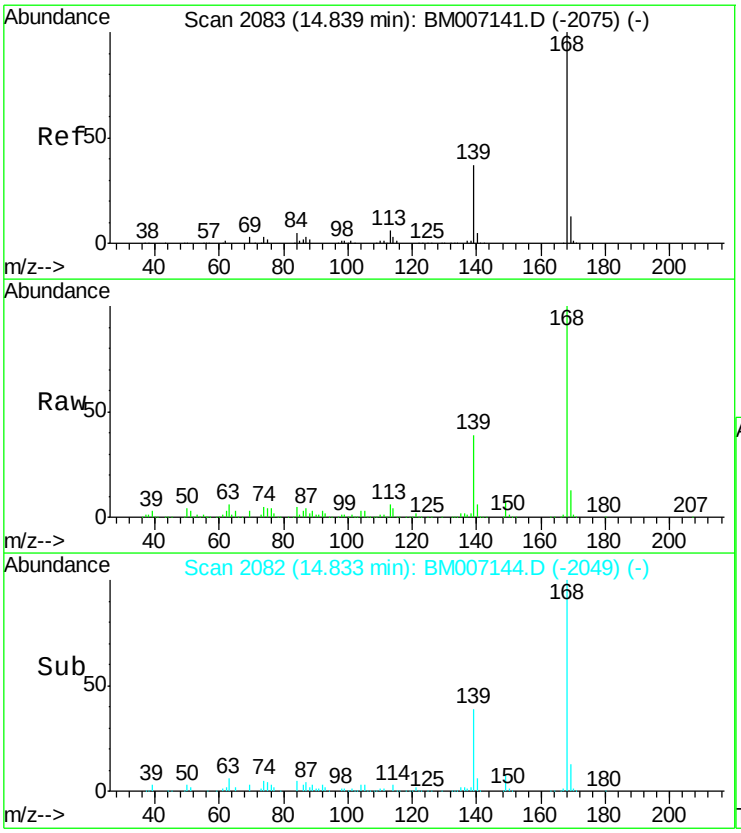
#49
Acenaphthene
Concen: 19.68 ng/ul
RT: 14.50 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Instrument :
BNA_M
ClientSampleId :
DA232

Tgt Ion:153 Resp: 734846

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.8	56.6
154	90.0	71.4	107.0

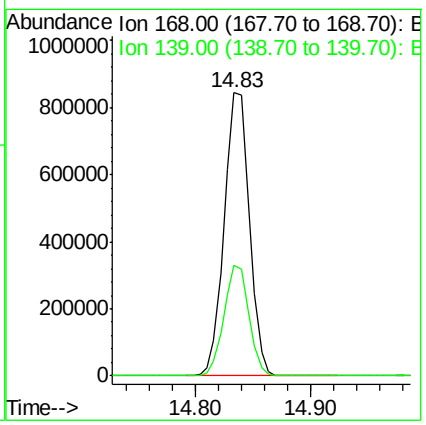


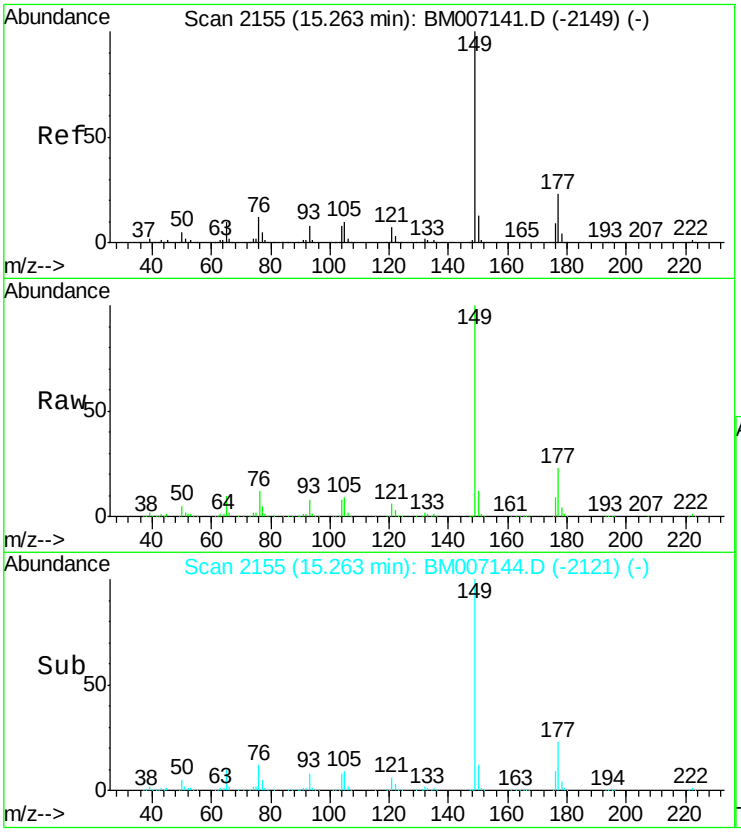


#53
Dibenzofuran
Concen: 23.03 ng/ul
RT: 14.83 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Tgt Ion:168 Resp: 1276837

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1



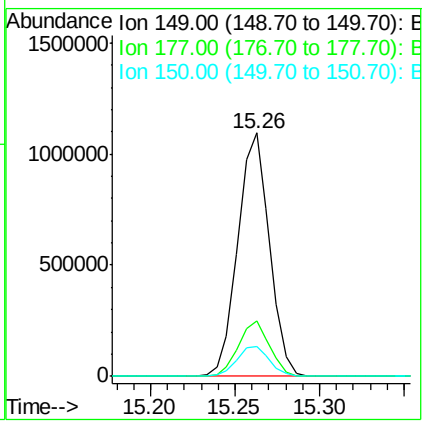


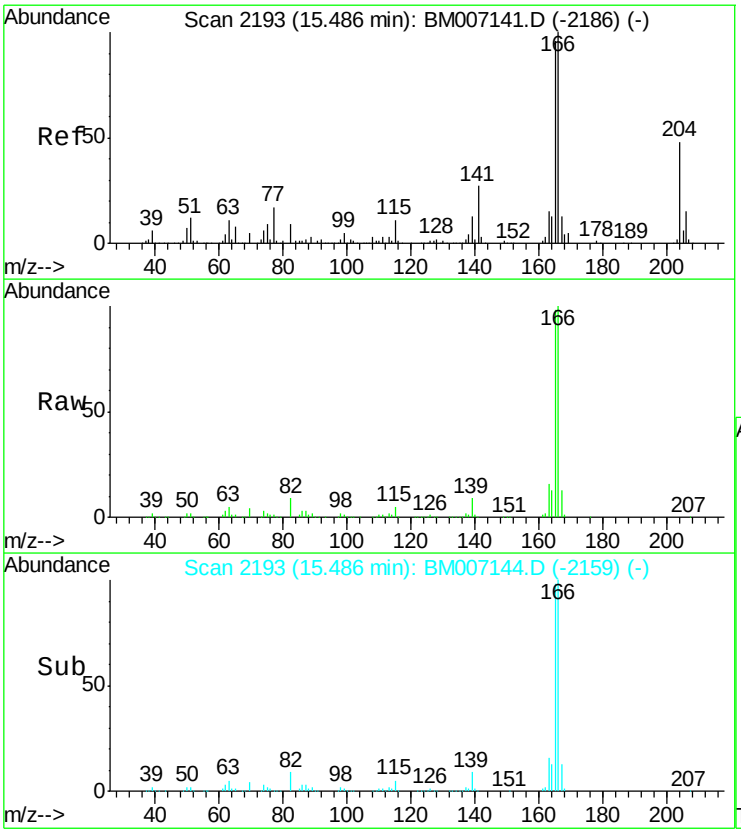
#56
Diethylphthalate
Concen: 29.02 ng/ul
RT: 15.26 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Instrument :
BNA_M
ClientSampleId :
DA232

Tgt Ion:149 Resp: 1423449

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.6	28.0
150	12.4	10.0	15.0

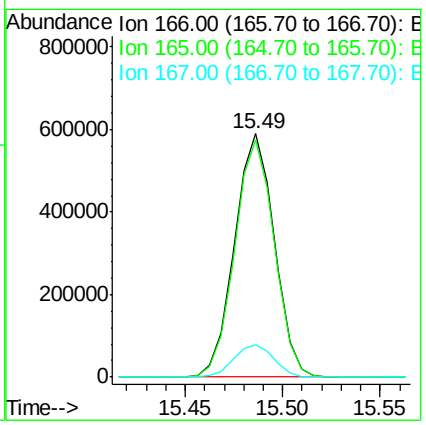


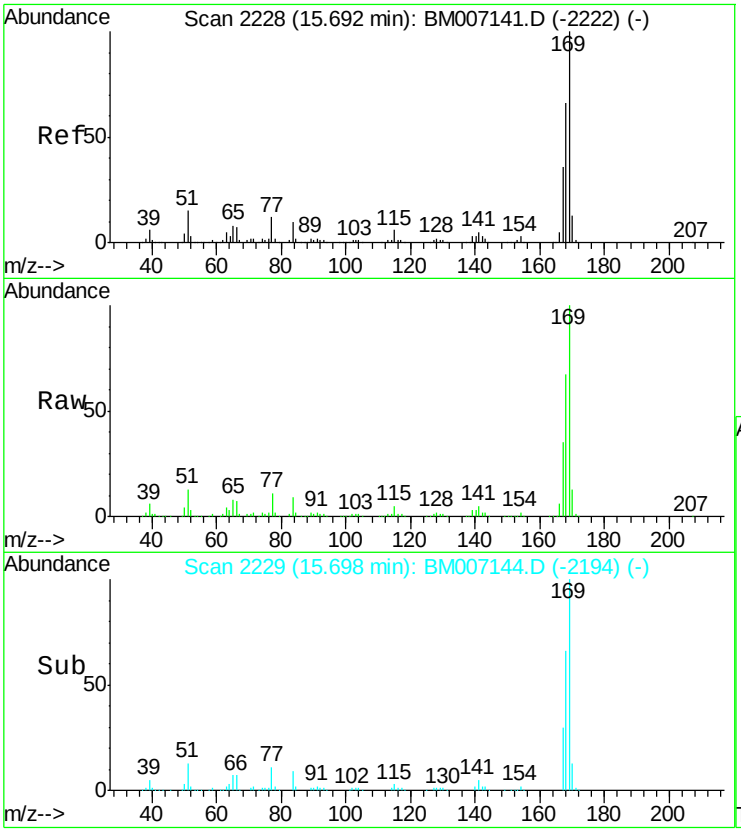


#58
Fluorene
Concen: 18.53 ng/ul
RT: 15.49 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Tgt Ion:166 Resp: 828134

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.9	119.9
167	13.5	10.5	15.7



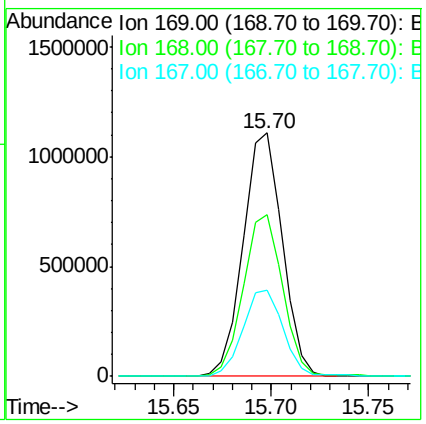


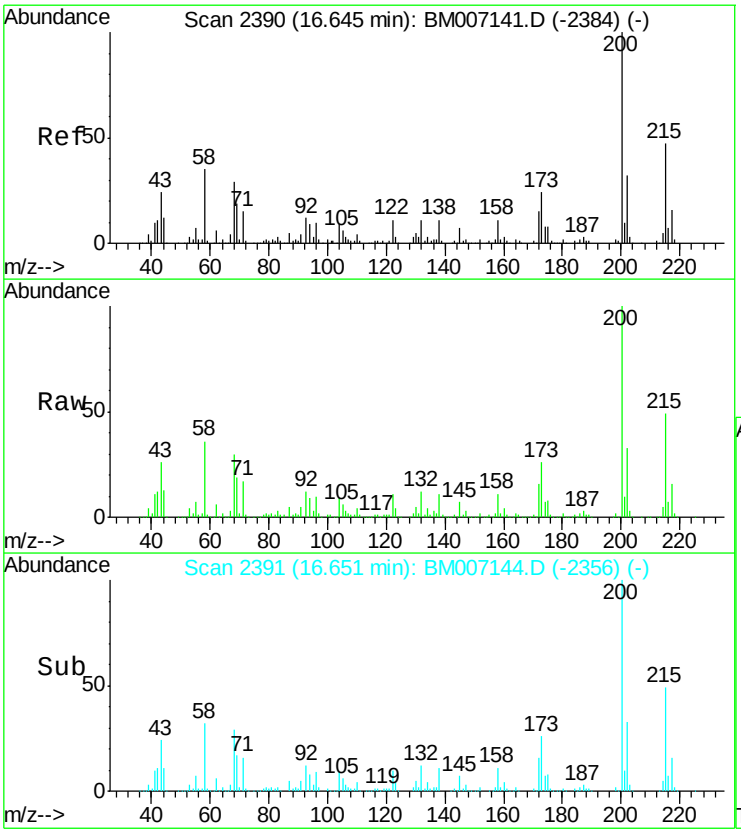
#64
N-Nitrosodiphenylamine
Concen: 41.74 ng/ul
RT: 15.70 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Instrument :
BNA_M
ClientSampleId :
DA232

Tgt Ion:169 Resp: 1541951

Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.6	79.0
167	35.5	28.6	43.0





#67
Atrazine
Concen: 50.81 ng/ul
RT: 16.65 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BM007144.D
Acq: 16 Aug 2016 16:36

Tgt Ion:200 Resp: 756544

Ion	Ratio	Lower	Upper
200	100		
173	26.0	18.9	28.3
215	48.8	39.5	59.3