Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
Data File : BM005400.D
Acq On : 11 May 2016 23:07
Operator : UM/SJ
Sample : H2890-21MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9X06MSD

Quant Time: May 12 03:34:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 02:20:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	64695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	313701	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	211929	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	521672	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	554338	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	410889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	593	0.43	ng/uL	0.00
5) Phenol-d5	6.93	99	15424	2.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	42975	12.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	46758	10.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	29002	5.98	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	28747	12.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	32184	12.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	57923	12.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	965	0.17	ng/ul	0.02
43) Dimethylphthalate-d6	13.81	166	228901	13.48	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	266672	13.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	4285	1.38	ng/ul	0.00
57) Fluorene-d10	15.39	176	205085	13.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	29091	9.91	ng/ul	0.00
70) Anthracene-d10	17.24	188	320358	13.89	ng/ul	0.00
76) Pyrene-d10	19.54	212	378893	14.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	249863	13.74	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.96	94	18626	3.07	ng/ul	97
10) 2-Chlorophenol	7.33	128	49240	10.86	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	53959	14.37	ng/ul	98
33) 4-Chloro-3-methylphenol	11.84	107	71075	12.28	ng/ul	99
44) Dimethylphthalate	13.86	163	21119	1.24	ng/ul	97
49) Acenaphthene	14.46	153	196571	14.15	ng/ul	97
52) 4-Nitrophenol	14.64	109	4921	1.91	ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	66584	13.34	ng/ul	98
68) Pentachlorophenol	16.80	266	40679	13.05	ng/ul	94
77) Pyrene	19.57	202	503348	15.65	ng/ul	99

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

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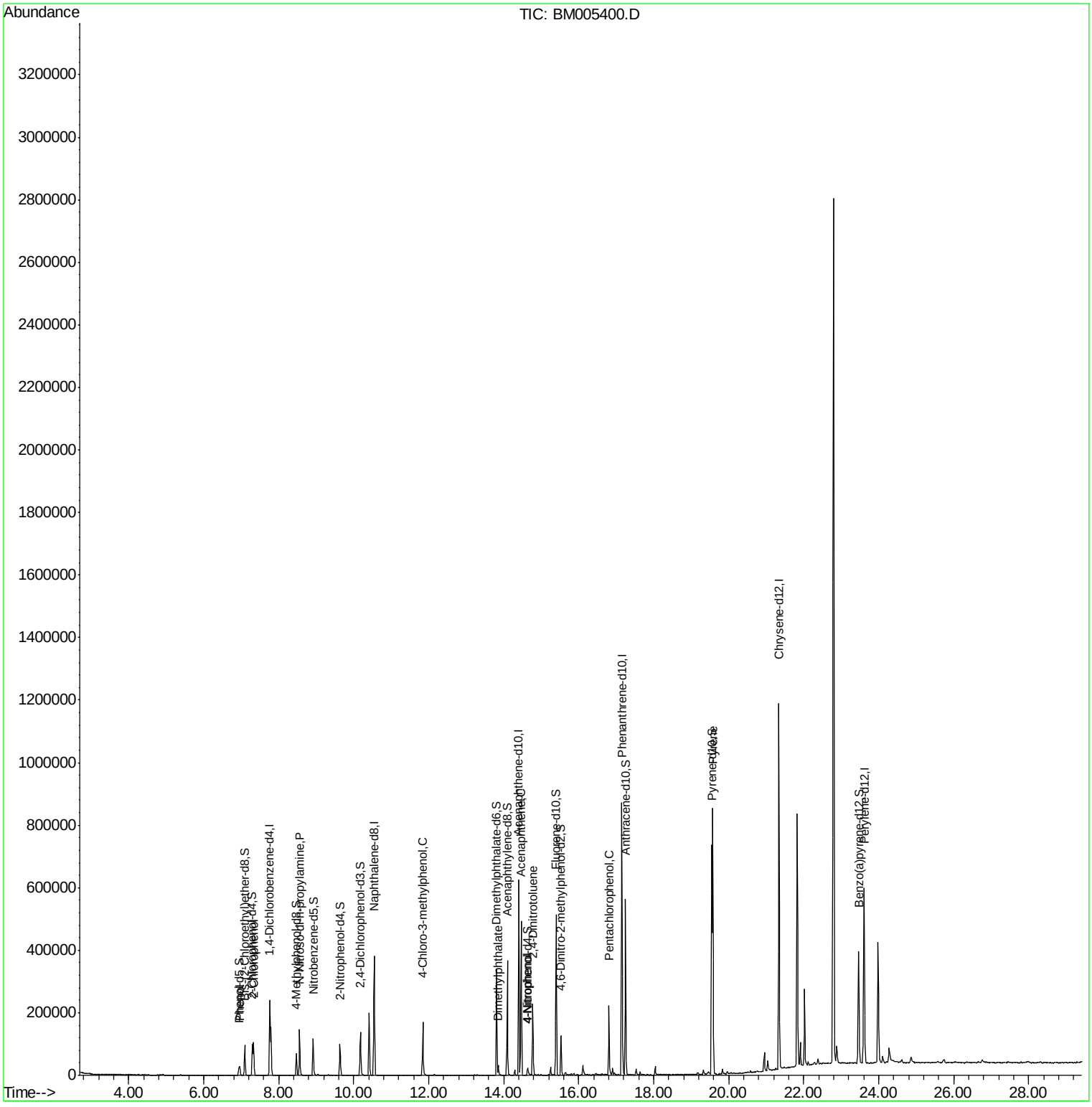
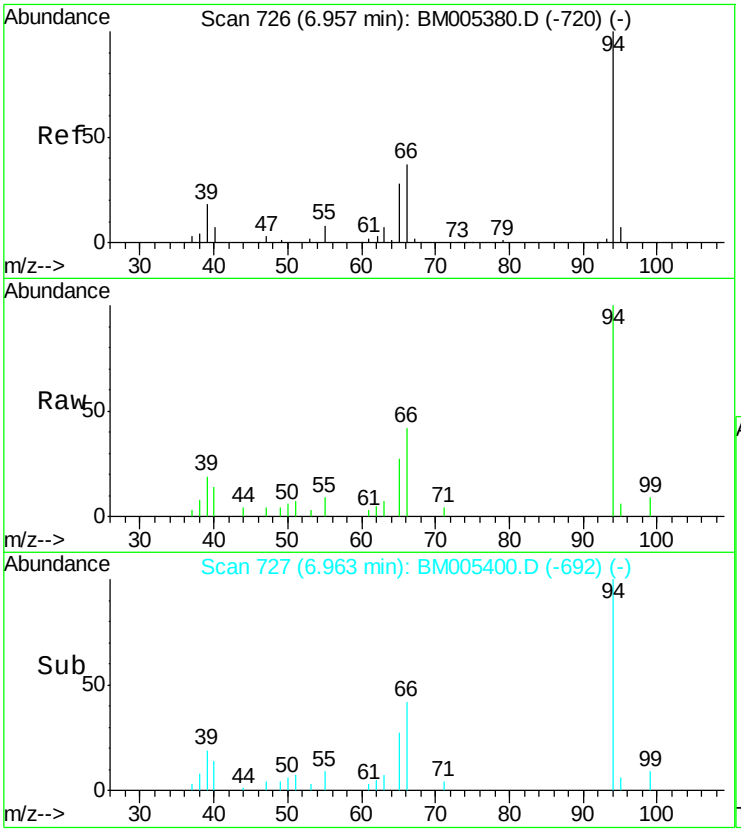


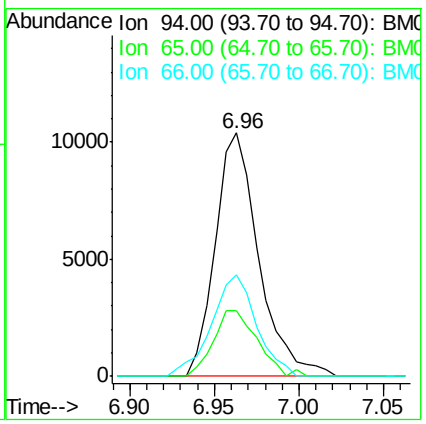


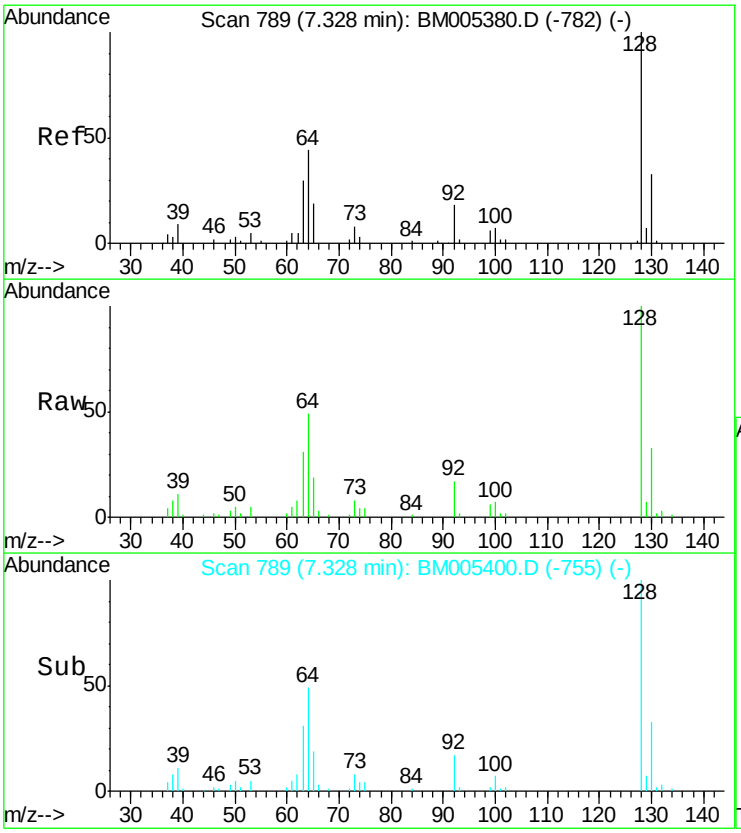
#6
Phenol
Concen: 3.07 ng/ul
RT: 6.96 min Scan# 727
Delta R.T. 0.01 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Instrument :
BNA_M
ClientSampleId :
D9X06MSD

Tgt Ion: 94 Resp: 18626

Ion	Ratio	Lower	Upper
94	100		
65	26.9	22.7	34.1
66	41.6	31.7	47.5

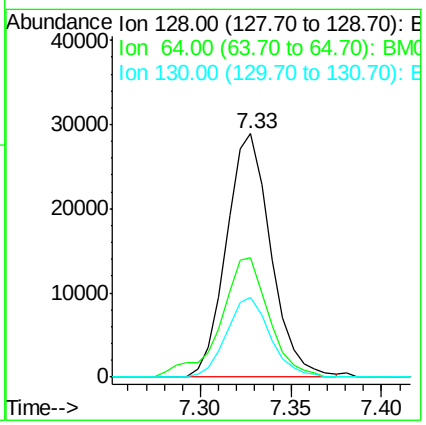


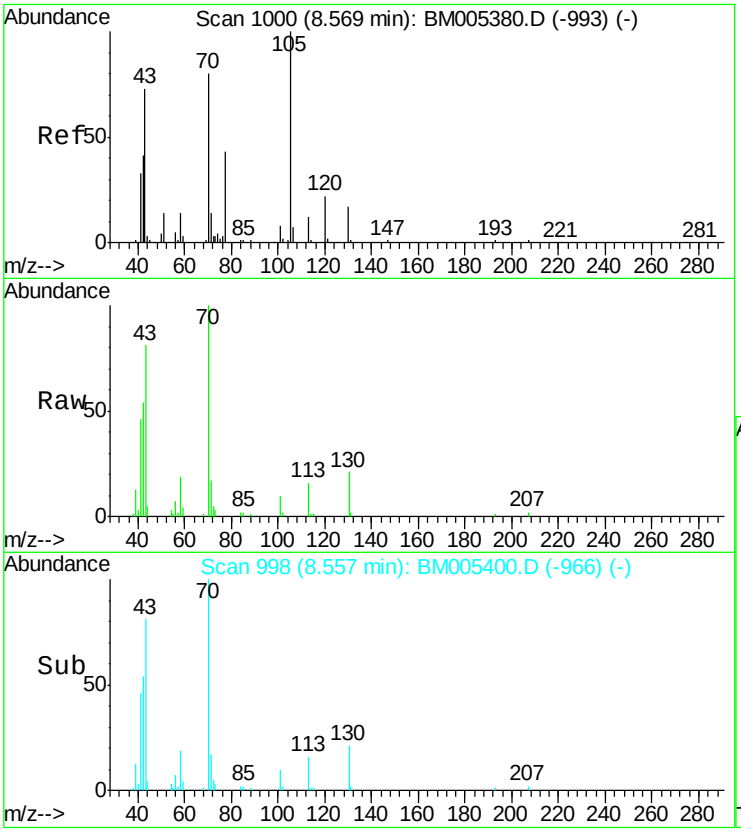


#10
2-Chlorophenol
Concen: 10.86 ng/ul
RT: 7.33 min Scan# 789
Delta R.T. 0.00 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Tgt Ion:128 Resp: 49240

Ion	Ratio	Lower	Upper
128	100		
64	49.2	37.8	56.8
130	32.7	24.9	37.3



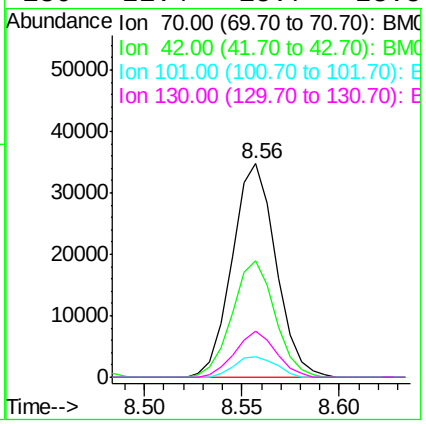


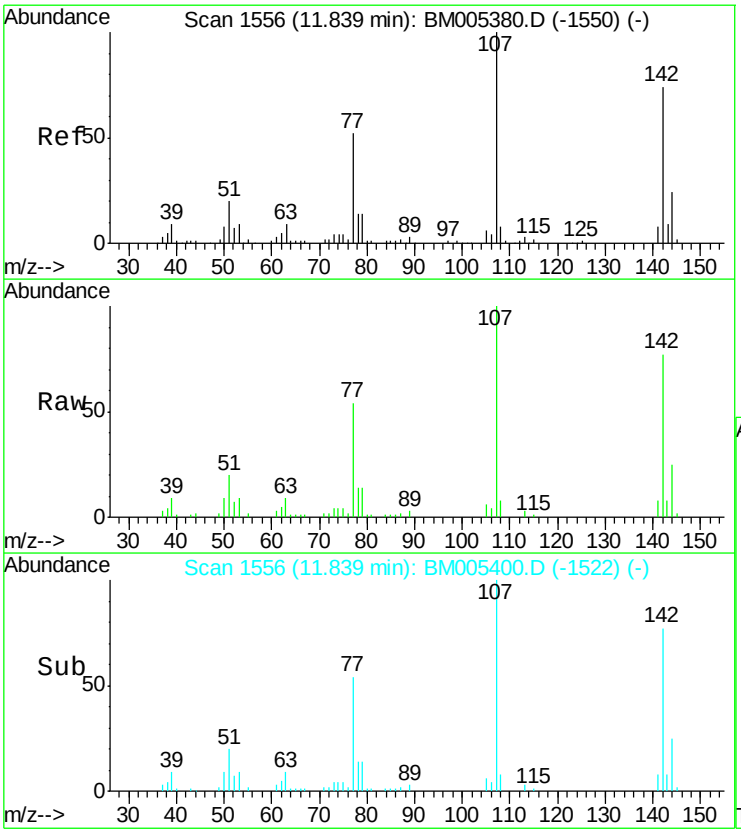
#15
N-Nitroso-di-n-propylamine
Concen: 14.37 ng/ul
RT: 8.56 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Instrument :
BNA_M
ClientSampleId :
D9X06MSD

Tgt Ion: 70 Resp: 53959

Ion	Ratio	Lower	Upper
70	100		
42	54.3	42.8	64.2
101	9.8	7.8	11.6
130	21.4	15.7	23.5

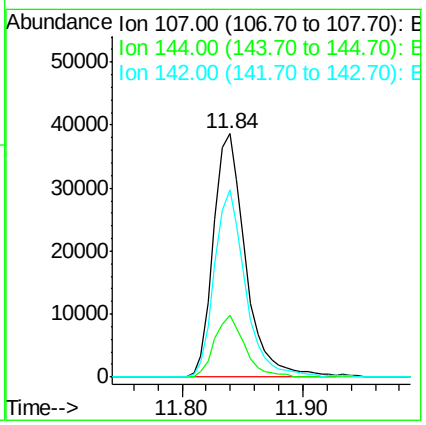


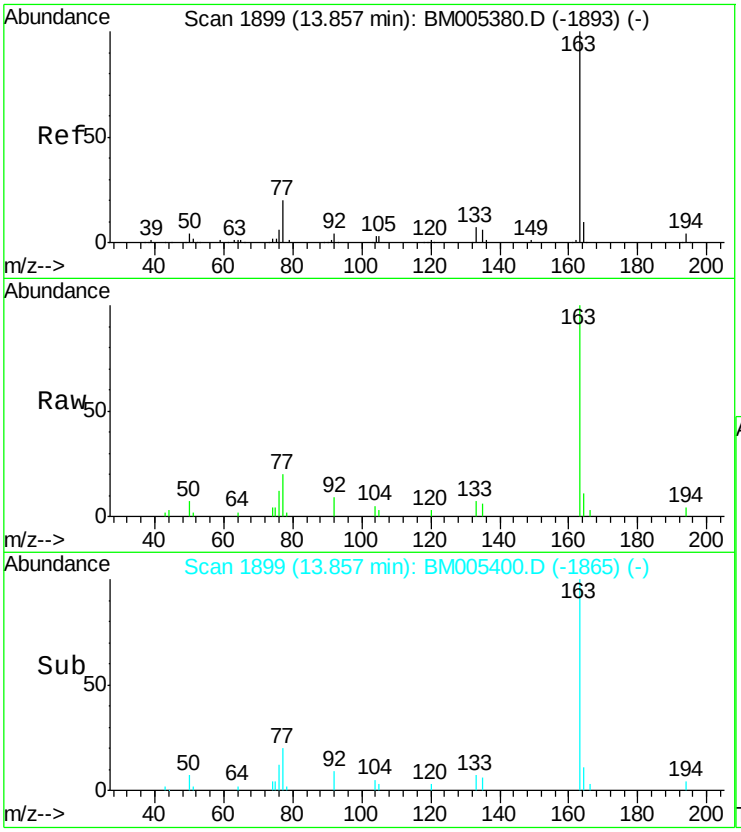


#33
4-Chloro-3-methylphenol
Concen: 12.28 ng/ul
RT: 11.84 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Tgt Ion:107 Resp: 71075

Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.3	28.9
142	76.7	60.8	91.2



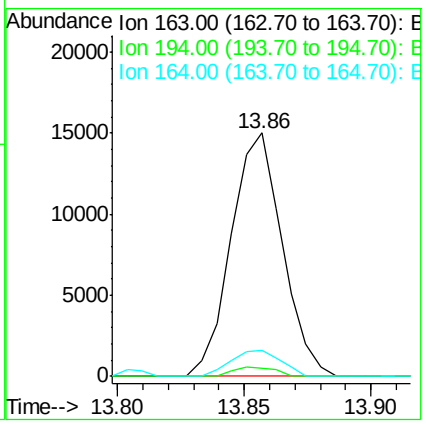


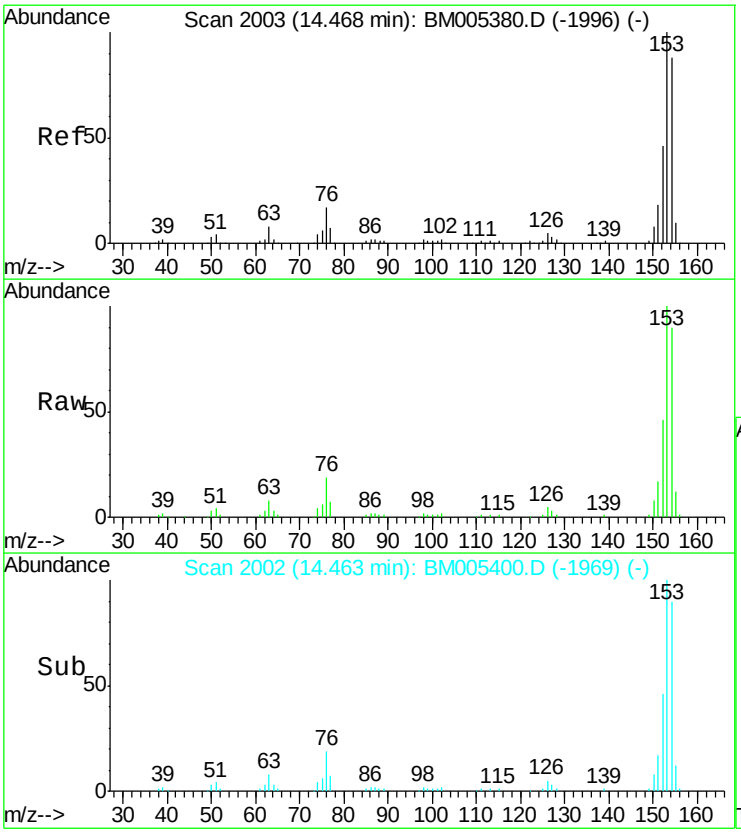
#44
Dimethylphthalate
Concen: 1.24 ng/ul
RT: 13.86 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Instrument :
BNA_M
ClientSampleId :
D9X06MSD

Tgt Ion:163 Resp: 21119

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	10.9	7.9	11.9

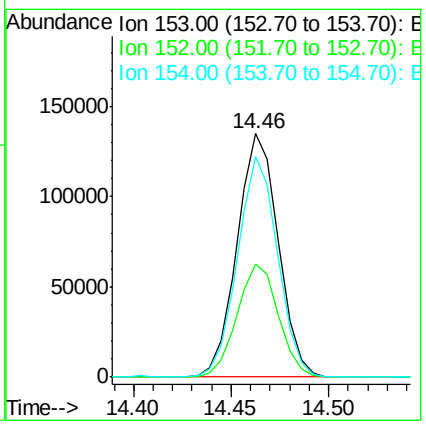


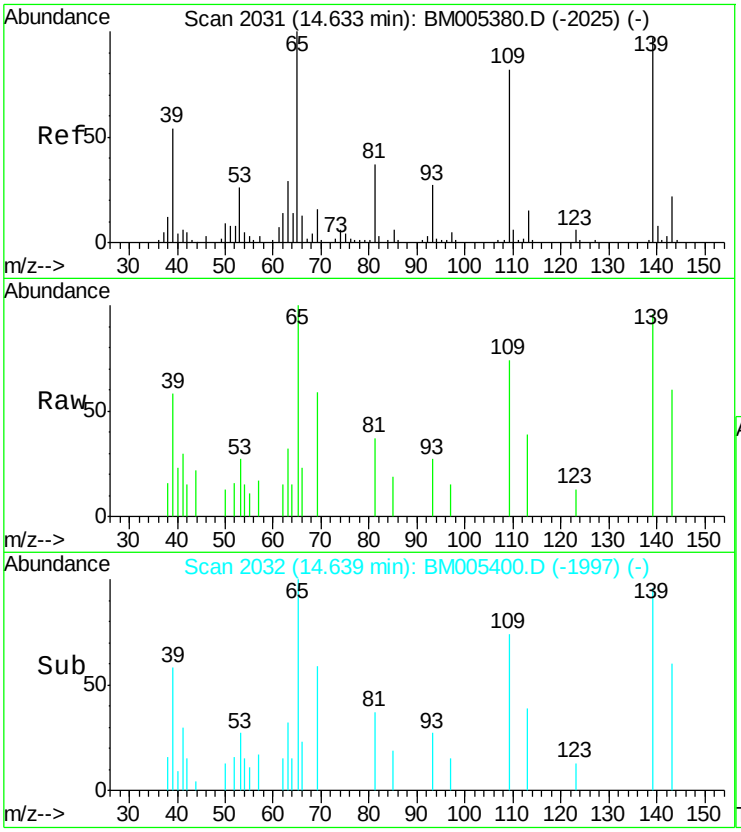


#49
Acenaphthene
Concen: 14.15 ng/ul
RT: 14.46 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Tgt Ion:153 Resp: 196571

Ion	Ratio	Lower	Upper
153	100		
152	46.4	38.9	58.3
154	90.4	70.3	105.5



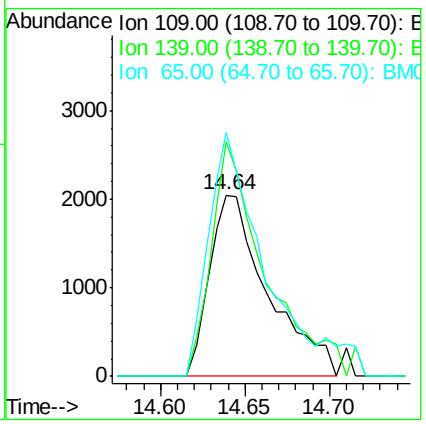


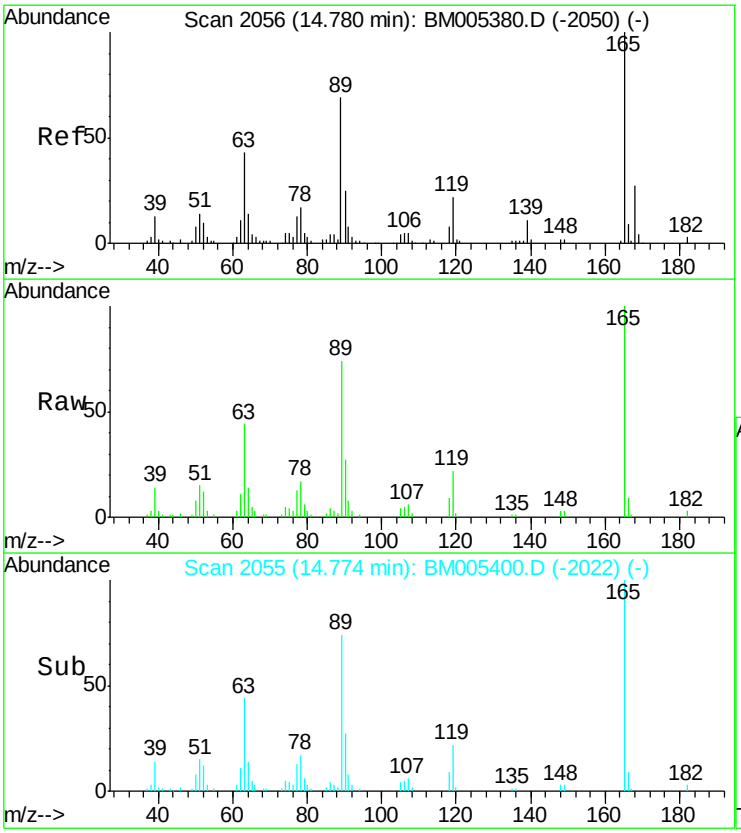
#52
4-Nitrophenol
Concen: 1.91 ng/ul
RT: 14.64 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Instrument :
BNA_M
ClientSampleId :
D9X06MSD

Tgt Ion:109 Resp: 4921

Ion	Ratio	Lower	Upper
109	100		
139	129.6	103.6	155.4
65	134.6	104.7	157.1

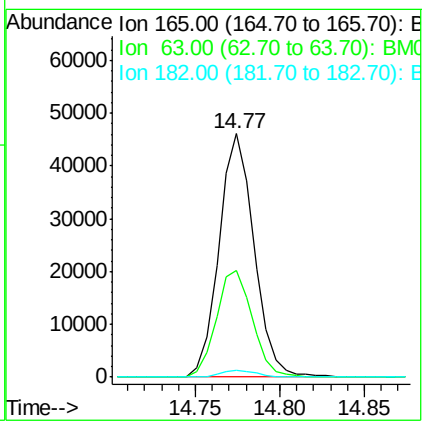


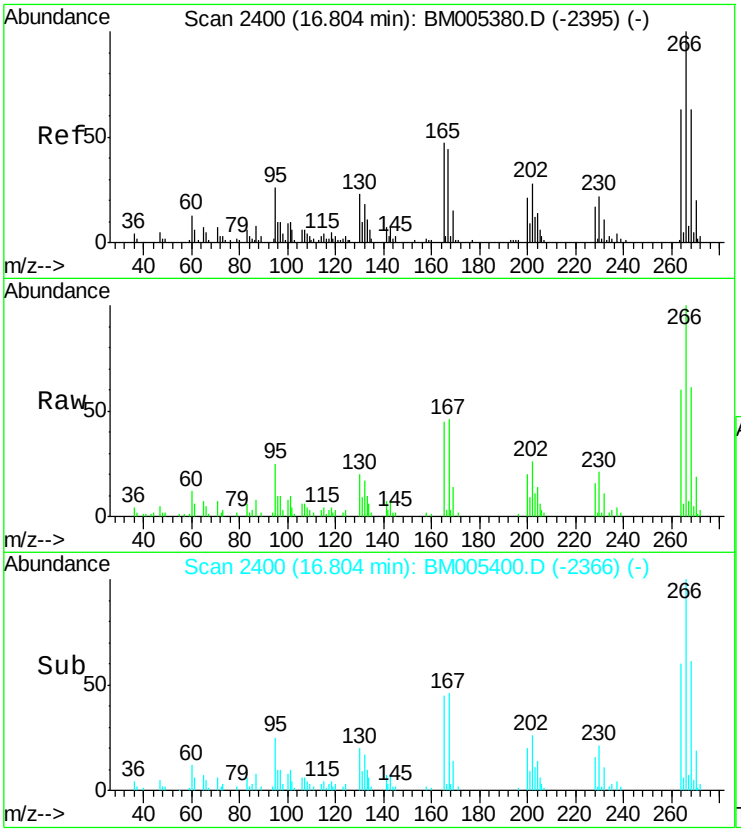


#54
2,4-Dinitrotoluene
Concen: 13.34 ng/ul
RT: 14.77 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Tgt Ion:165 Resp: 66584

Ion	Ratio	Lower	Upper
165	100		
63	43.7	36.2	54.4
182	3.0	2.5	3.7



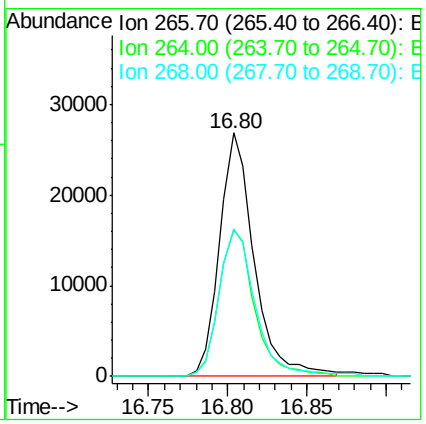


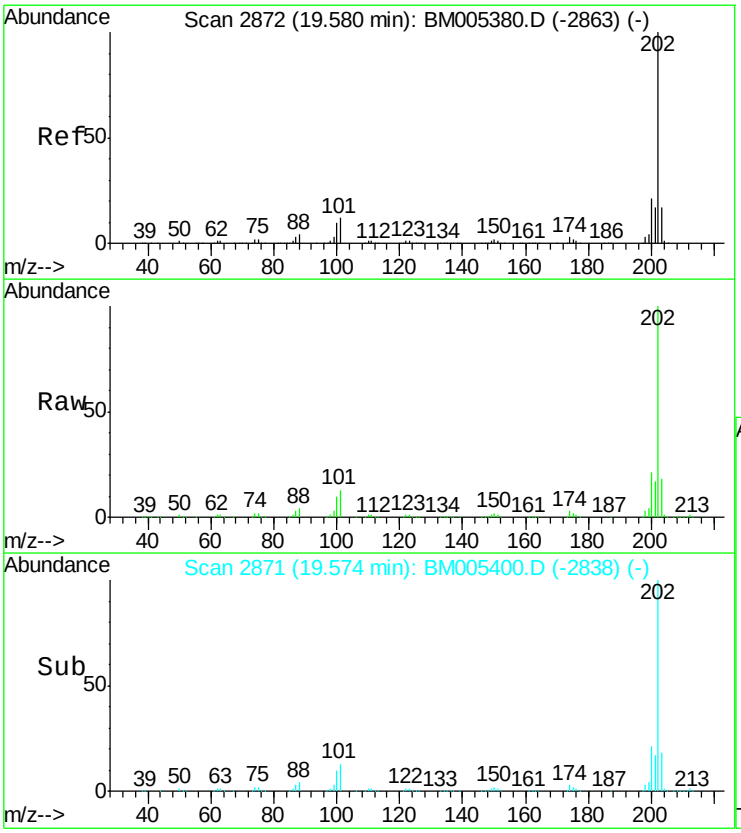
#68
Pentachlorophenol
Concen: 13.05 ng/ul
RT: 16.80 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Instrument :
BNA_M
ClientSampleId :
D9X06MSD

Tgt Ion:266 Resp: 40679

Ion	Ratio	Lower	Upper
266	100		
264	60.3	52.0	78.0
268	60.9	53.0	79.6





#77
Pyrene
Concen: 15.65 ng/ul
RT: 19.57 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM005400.D
Acq: 11 May 2016 23:07

Tgt Ion:202 Resp: 503348

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.8	16.2
100	10.2	8.4	12.6