Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005516.D
Acq On : 20 May 2016 02:09
Operator : UM/SJ
Sample : H2890-12MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT7MS

Quant Time: May 20 04:19:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	178118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	920483	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	630349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1574331	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2019367	20.00	ng/ul	0.01
83) Perylene-d12	23.69	264	2199823	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	5357	1.16	ng/uL	0.00
5) Phenol-d5	7.00	99	228284	13.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	115189	12.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	179064	13.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	200821	13.78	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	90571	13.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	105661	14.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	220505	15.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	63059	3.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	761567	14.70	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	981063	16.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	135812	12.77	ng/ul	0.02
57) Fluorene-d10	15.46	176	763375	16.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	70530	8.50	ng/ul	0.00
70) Anthracene-d10	17.30	188	1259015	17.39	ng/ul	0.00
76) Pyrene-d10	19.60	212	1405203	17.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1704871	17.34	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.03	94	250701	13.94	ng/ul	96
10) 2-Chlorophenol	7.40	128	187202	13.85	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.64	70	137623	11.09	ng/ul	96
33) 4-Chloro-3-methylphenol	11.90	107	287368	16.03	ng/ul	97
40) 1,1'-Biphenyl	13.30	154	198917	3.94	ng/ul	97
44) Dimethylphthalate	13.92	163	340064	6.44	ng/ul	100
49) Acenaphthene	14.53	153	692471	16.00	ng/ul	99
52) 4-Nitrophenol	14.67	109	140427	14.76	ng/ul	81
54) 2,4-Dinitrotoluene	14.83	165	247285	16.02	ng/ul	98
68) Pentachlorophenol	16.86	266	214066	17.95	ng/ul	98
77) Pyrene	19.63	202	1862426	17.21	ng/ul#	91

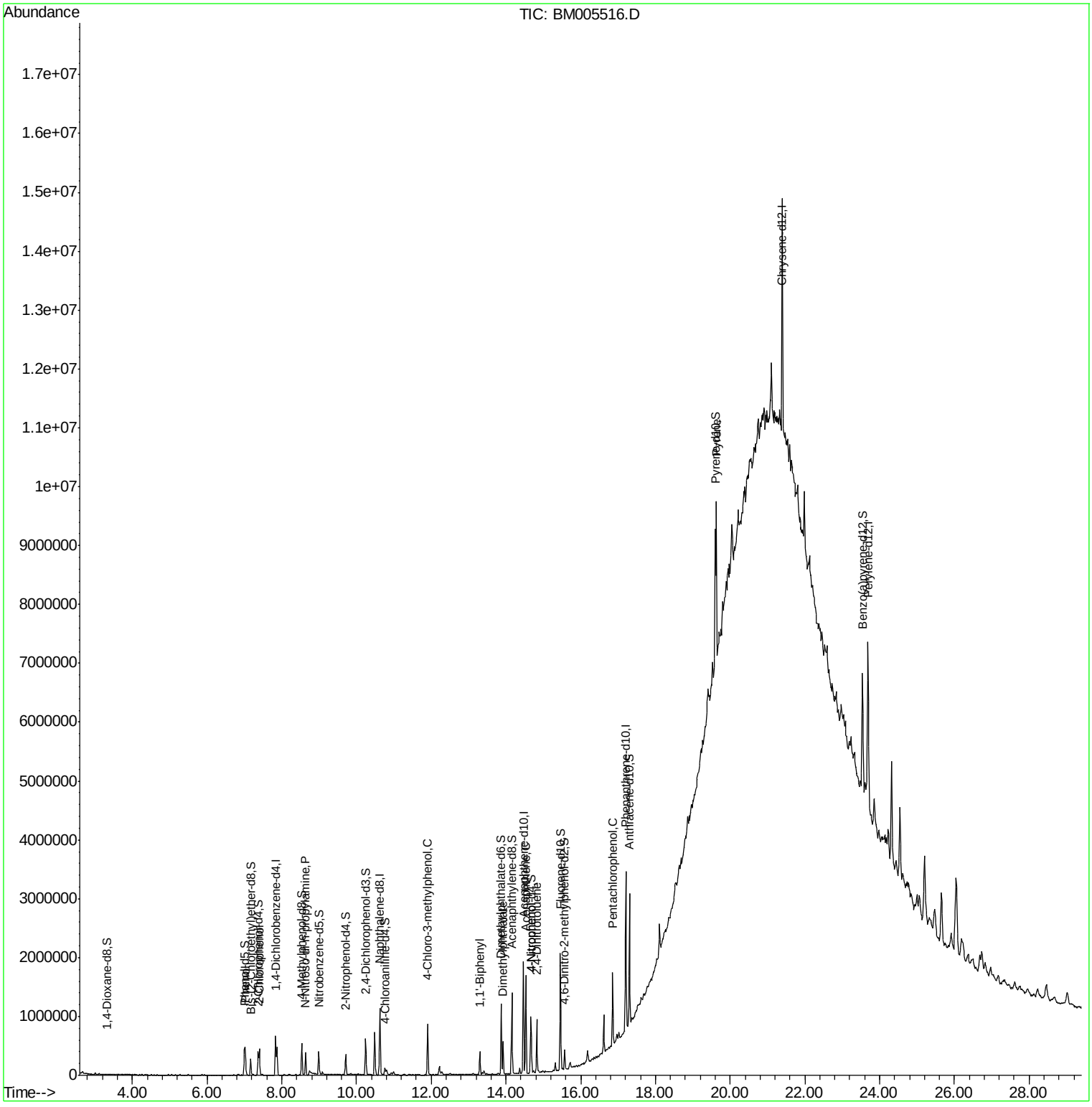
(#) = qualifier out of range (m) = manual integration (+) = signals summed

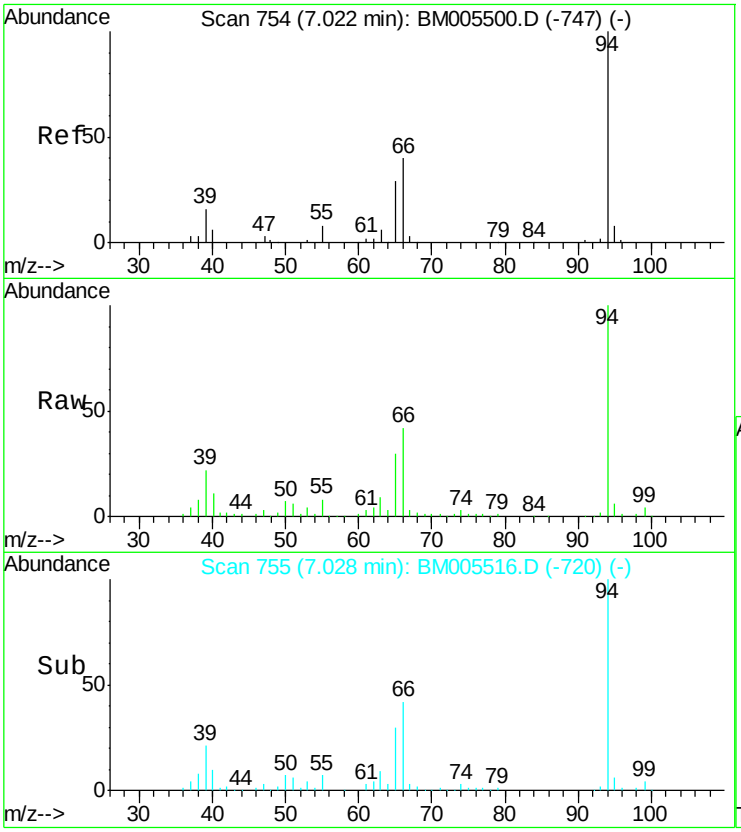
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005516.D
Acq On : 20 May 2016 02:09
Operator : UM/SJ
Sample : H2890-12MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT7MS

Quant Time: May 20 04:19:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration



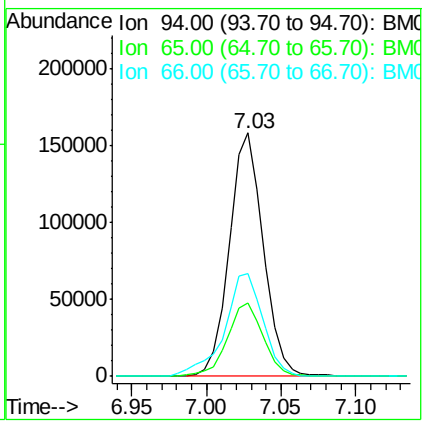


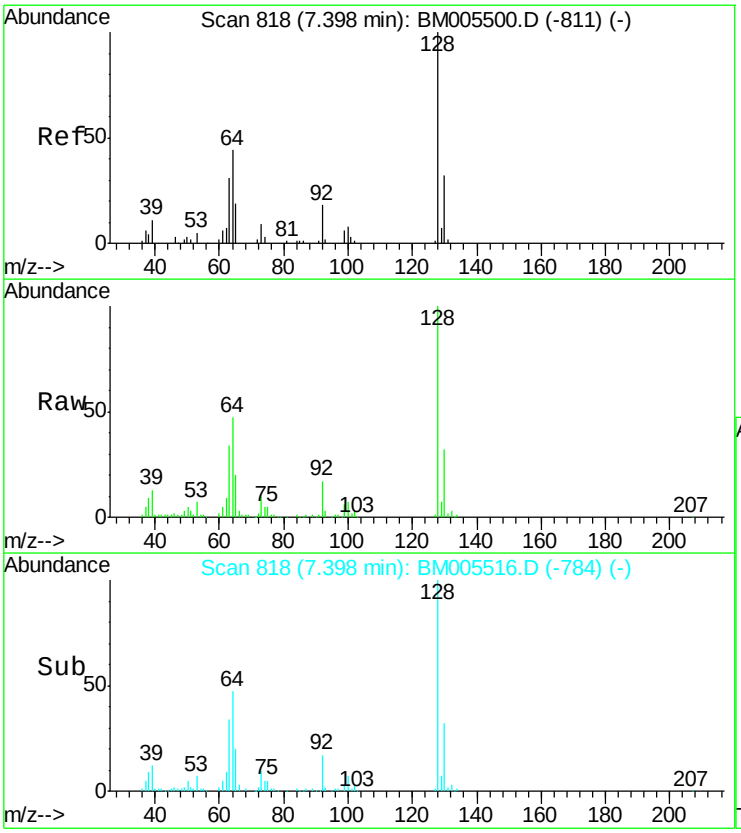
#6
Phenol
Concen: 13.94 ng/ul
RT: 7.03 min Scan# 755
Delta R.T. 0.01 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Instrument :
BNA_M
ClientSampleId :
D9WT7MS

Tgt Ion: 94 Resp: 250701

Ion	Ratio	Lower	Upper
94	100		
65	30.0	22.7	34.1
66	42.3	31.7	47.5

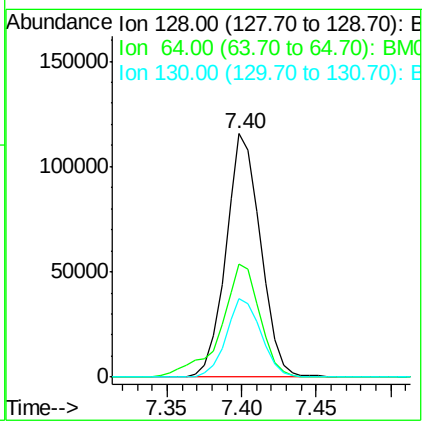


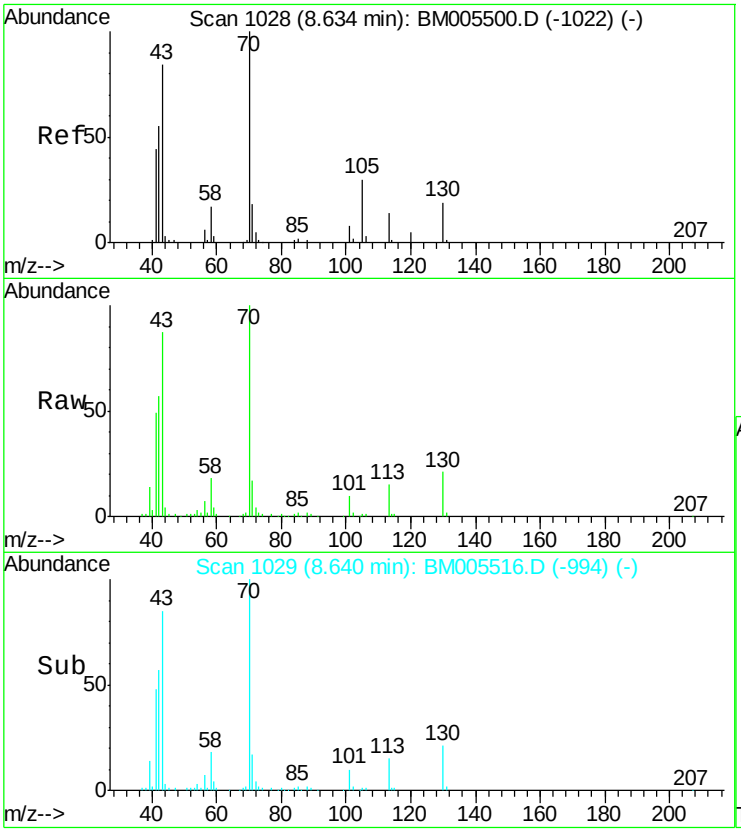


#10
2-Chlorophenol
Concen: 13.85 ng/ul
RT: 7.40 min Scan# 818
Delta R.T. 0.00 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Tgt Ion:128 Resp: 187202

Ion	Ratio	Lower	Upper
128	100		
64	46.5	37.8	56.8
130	32.1	24.9	37.3



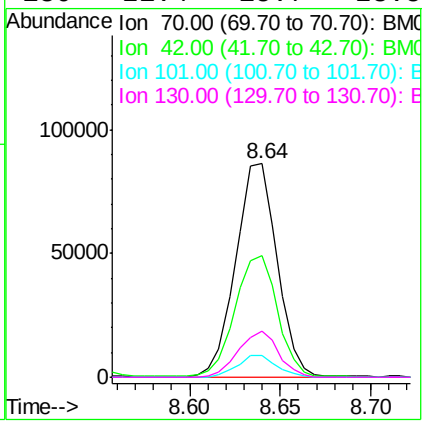


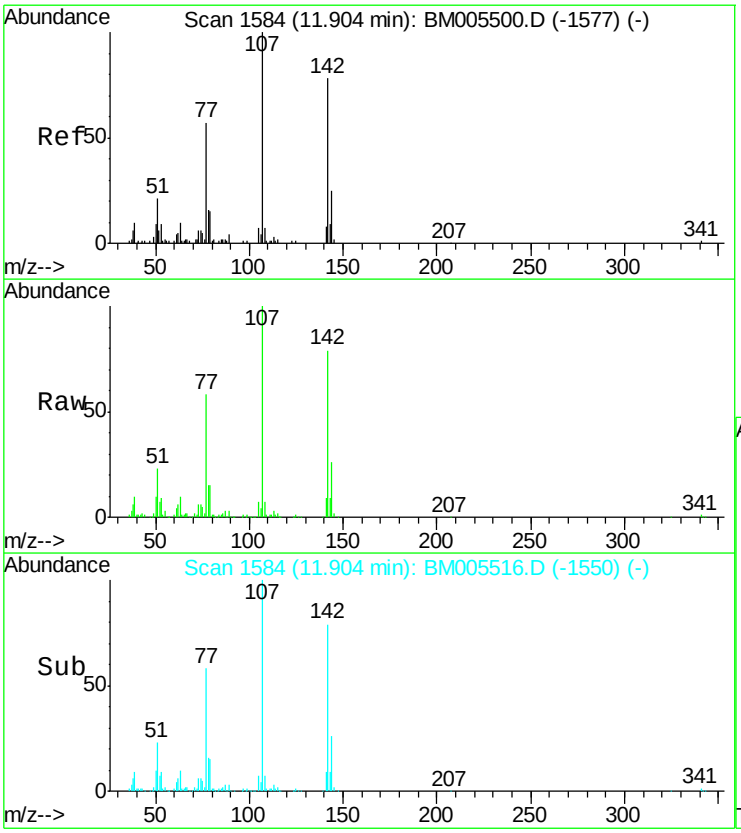
#15
N-Nitroso-di-n-propylamine
Concen: 11.09 ng/ul
RT: 8.64 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Instrument :
BNA_M
ClientSampleId :
D9WT7MS

Tgt Ion: 70 Resp: 137623

Ion	Ratio	Lower	Upper
70	100		
42	56.9	42.8	64.2
101	10.3	7.8	11.6
130	21.4	15.7	23.5

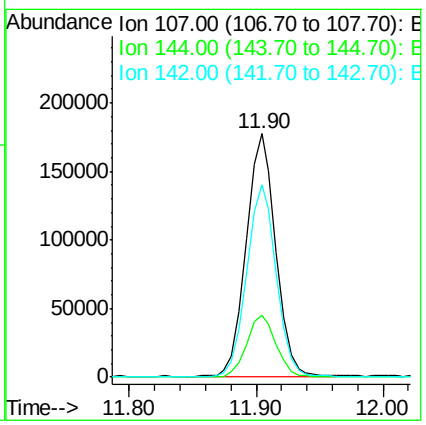


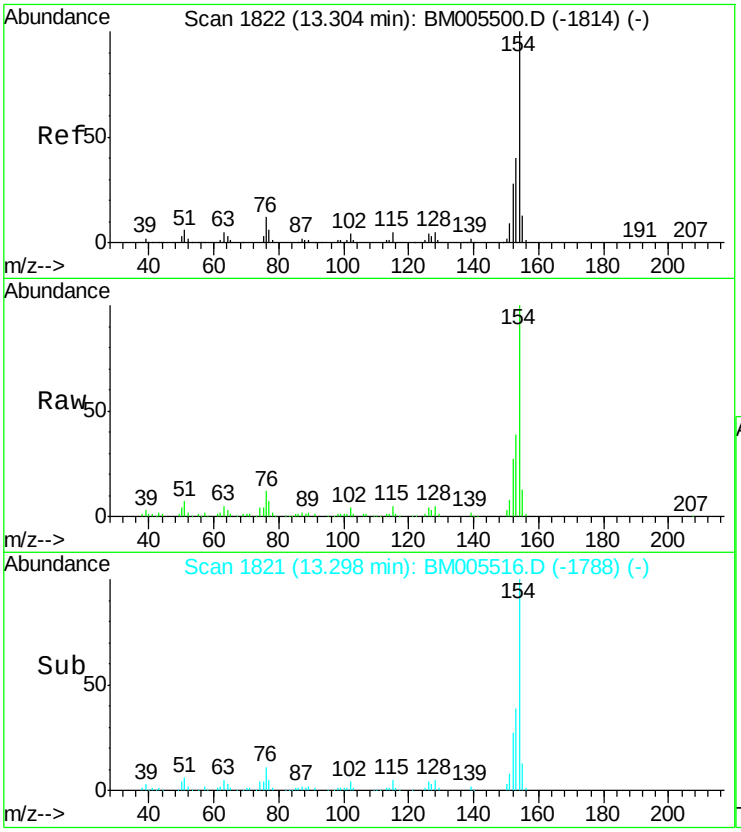


#33
4-Chloro-3-methylphenol
Concen: 16.03 ng/ul
RT: 11.90 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Tgt Ion:107 Resp: 287368

Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.3	28.9
142	78.9	60.8	91.2



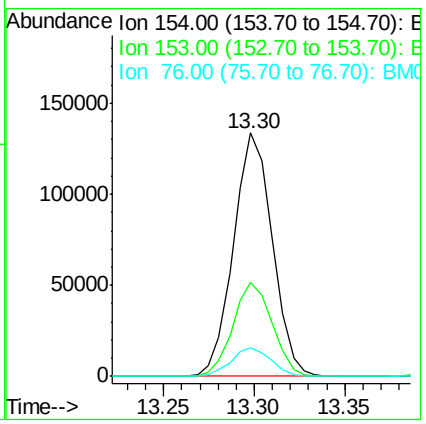


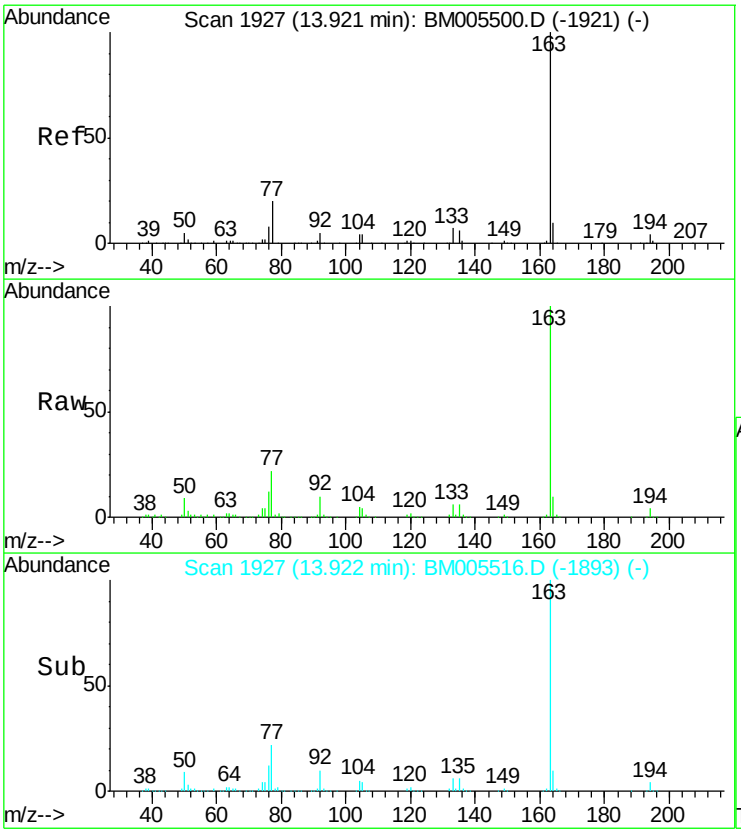
#40
1,1'-Biphenyl
Concen: 3.94 ng/ul
RT: 13.30 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Instrument :
BNA_M
ClientSampleId :
D9WT7MS

Tgt Ion:154 Resp: 198917

Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.1	48.1
76	11.5	10.6	15.8

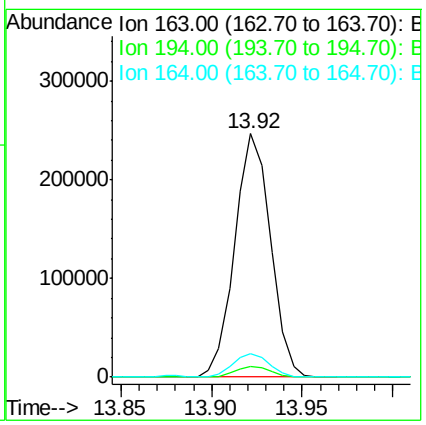


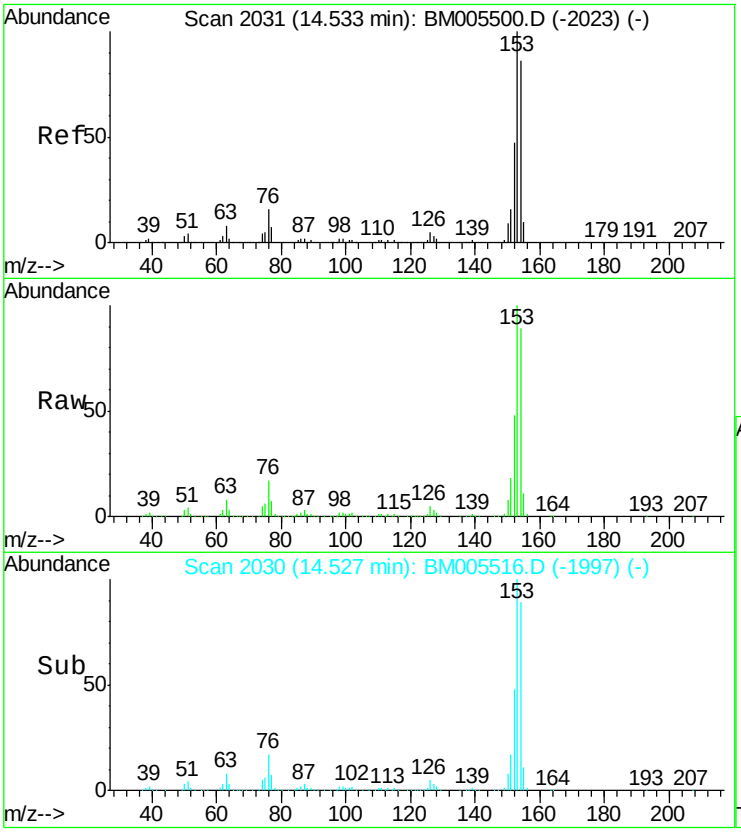


#44
Dimethylphthalate
Concen: 6.44 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Tgt Ion:163 Resp: 340064

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	7.9	11.9



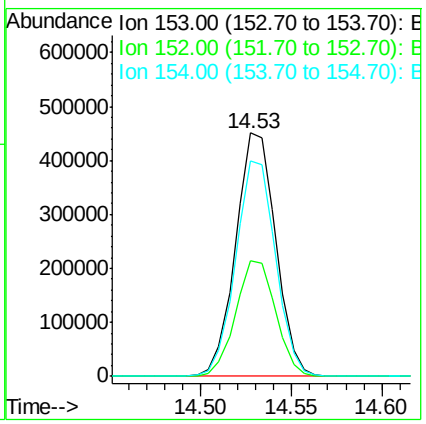


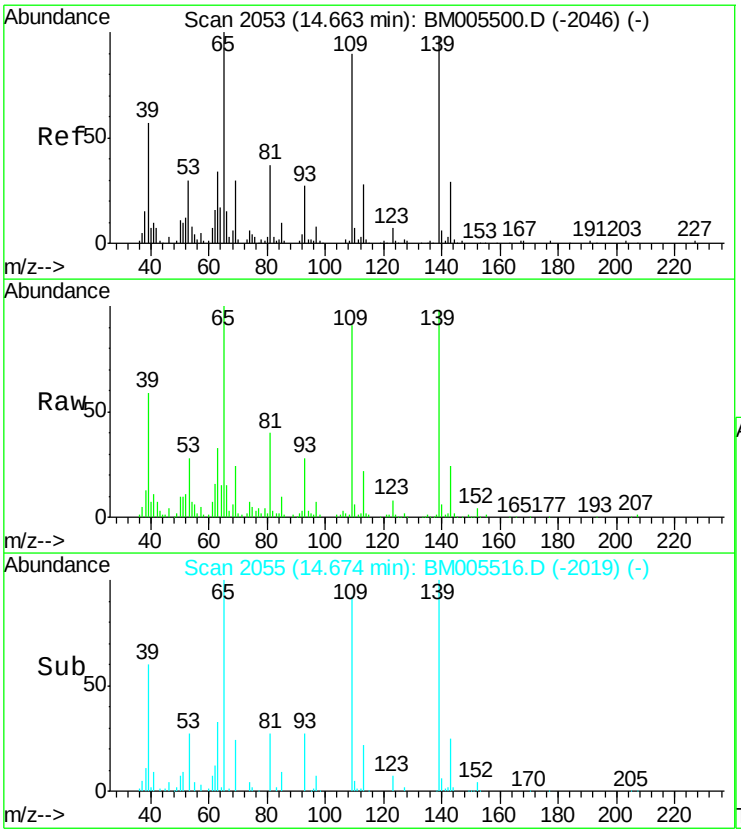
#49
Acenaphthene
Concen: 16.00 ng/ul
RT: 14.53 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Instrument :
BNA_M
ClientSampleId :
D9WT7MS

Tgt Ion:153 Resp: 692471

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.9	58.3
154	88.7	70.3	105.5

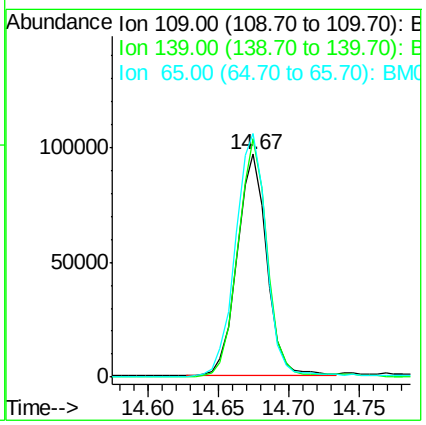


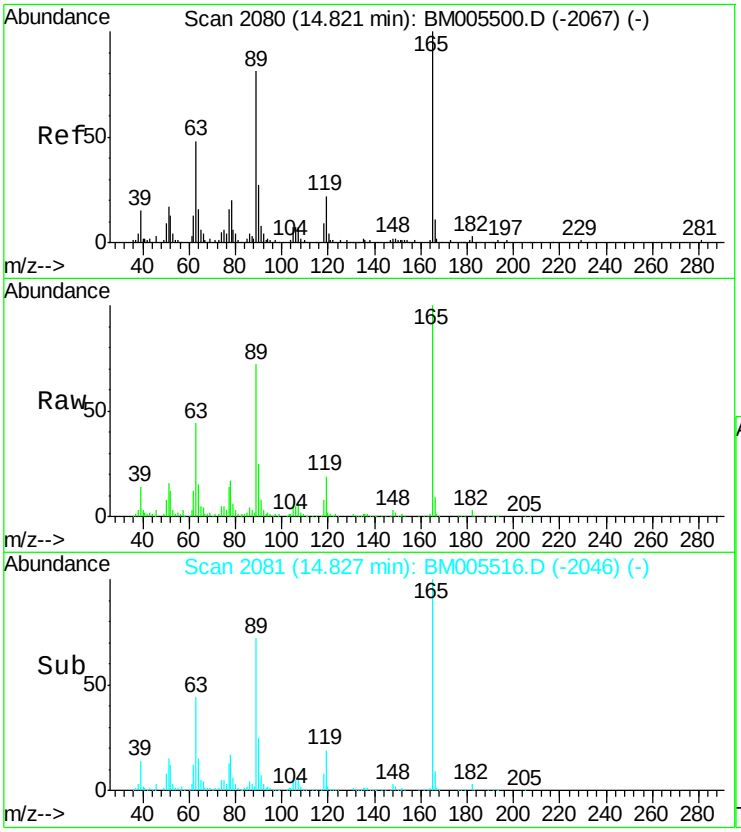


#52
4-Nitrophenol
Concen: 14.76 ng/ul
RT: 14.67 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Tgt Ion:109 Resp: 140427

Ion	Ratio	Lower	Upper
109	100		
139	107.3	103.6	155.4
65	109.3	104.7	157.1



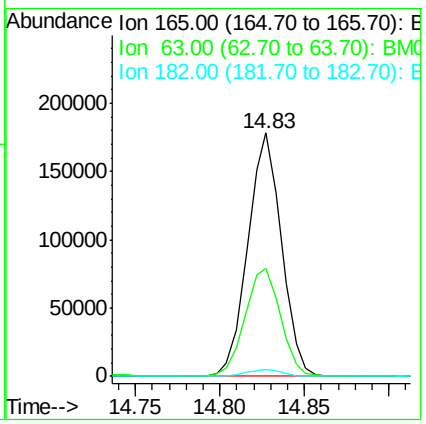


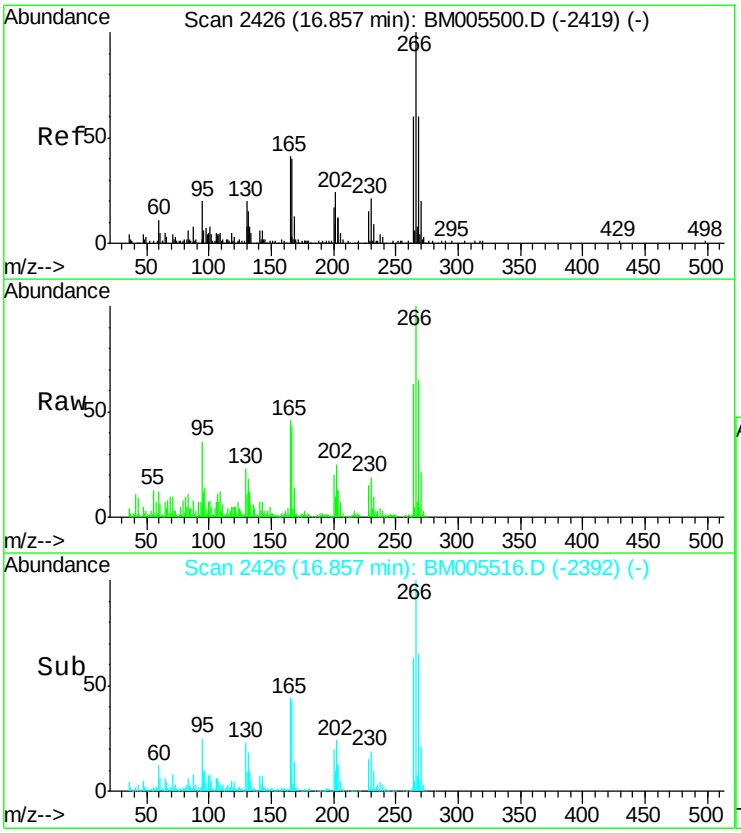
#54
2,4-Dinitrotoluene
Concen: 16.02 ng/ul
RT: 14.83 min Scan# 2081
Delta R.T. 0.01 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Instrument :
BNA_M
ClientSampleId :
D9WT7MS

Tgt Ion:165 Resp: 247285

Ion	Ratio	Lower	Upper
165	100		
63	44.1	36.2	54.4
182	2.8	2.5	3.7

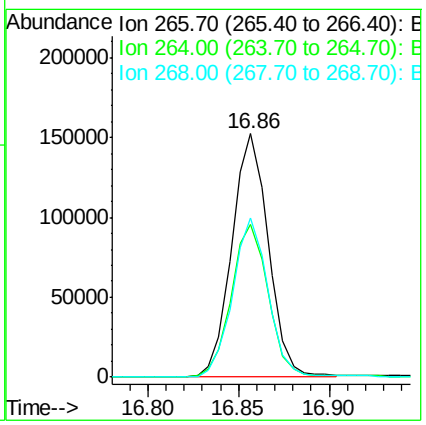


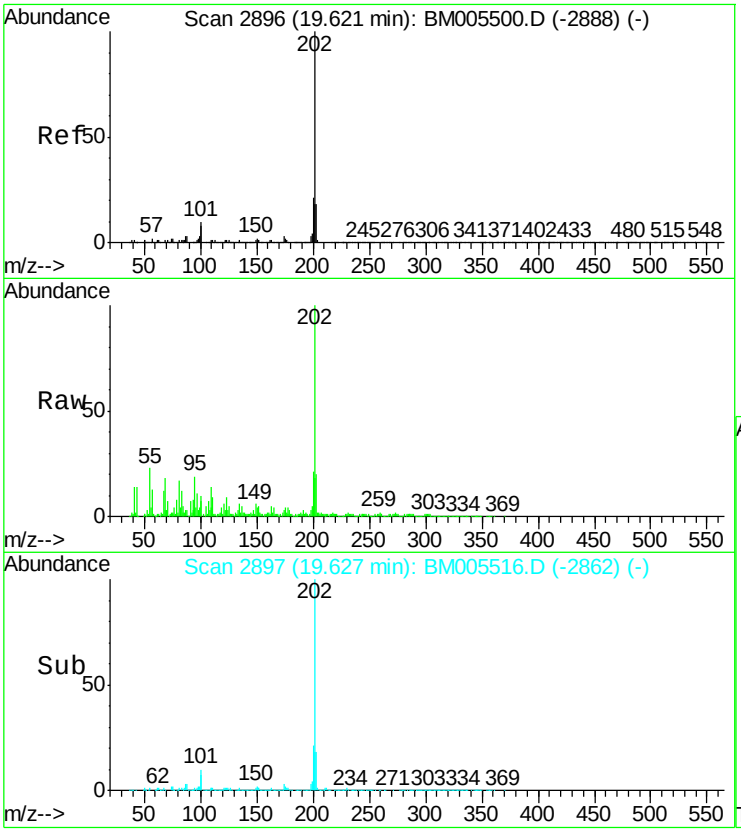


#68
Pentachlorophenol
Concen: 17.95 ng/ul
RT: 16.86 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Tgt Ion:266 Resp: 214066

Ion	Ratio	Lower	Upper
266	100		
264	62.7	52.0	78.0
268	65.1	53.0	79.6





#77
Pyrene
Concen: 17.21 ng/ul
RT: 19.63 min Scan# 2897
Delta R.T. 0.01 min
Lab File: BM005516.D
Acq: 20 May 2016 02:09

Instrument :
BNA_M
ClientSampleId :
D9WT7MS

Tgt Ion:202 Resp: 1862426

Ion	Ratio	Lower	Upper
202	100		
101	9.6	10.8	16.2#
100	7.5	8.4	12.6#