Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM110716\
Data File : BM007768.D
Acq On : 07 Nov 2016 11:36
Operator : UM/SJ
Sample : H5532-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0103MS

Quant Time: Nov 07 13:04:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 24 12:55:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	173389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	658803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	409912	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	810394	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1012464	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1046353	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	7338	1.81	ng/uL	0.00
5) Phenol-d5	6.92	99	104649	7.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	288763	36.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	317309	30.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	192720	18.40	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	188694	39.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	204529	40.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	345222	34.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	42374	3.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1129070	40.45	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1347971	40.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	27930	6.33	ng/ul	0.00
57) Fluorene-d10	15.37	176	970004	39.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	165612	34.40	ng/ul	0.00
70) Anthracene-d10	17.23	188	1521639	41.67	ng/ul	0.00
76) Pyrene-d10	19.52	212	1743850	41.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1895757	41.50	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.95	94	113053	8.23	ng/ul	99
10) 2-Chlorophenol	7.32	128	313611	29.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	311723	38.26	ng/ul	95
33) 4-Chloro-3-methylphenol	11.82	107	322469	31.60	ng/ul	94
45) 2,6-Dinitrotoluene	13.80	165	6956	1.36	ng/ul#	33
49) Acenaphthene	14.44	153	898173	38.21	ng/ul	98
52) 4-Nitrophenol	14.62	109	27580	6.30	ng/ul	96
54) 2,4-Dinitrotoluene	14.76	165	297947	40.50	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.02	232	22573	3.14	ng/ul#	98
68) Pentachlorophenol	16.78	266	381056	66.41	ng/ul	98
77) Pyrene	19.55	202	2148010	41.07	ng/ul	100

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

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Instrument :
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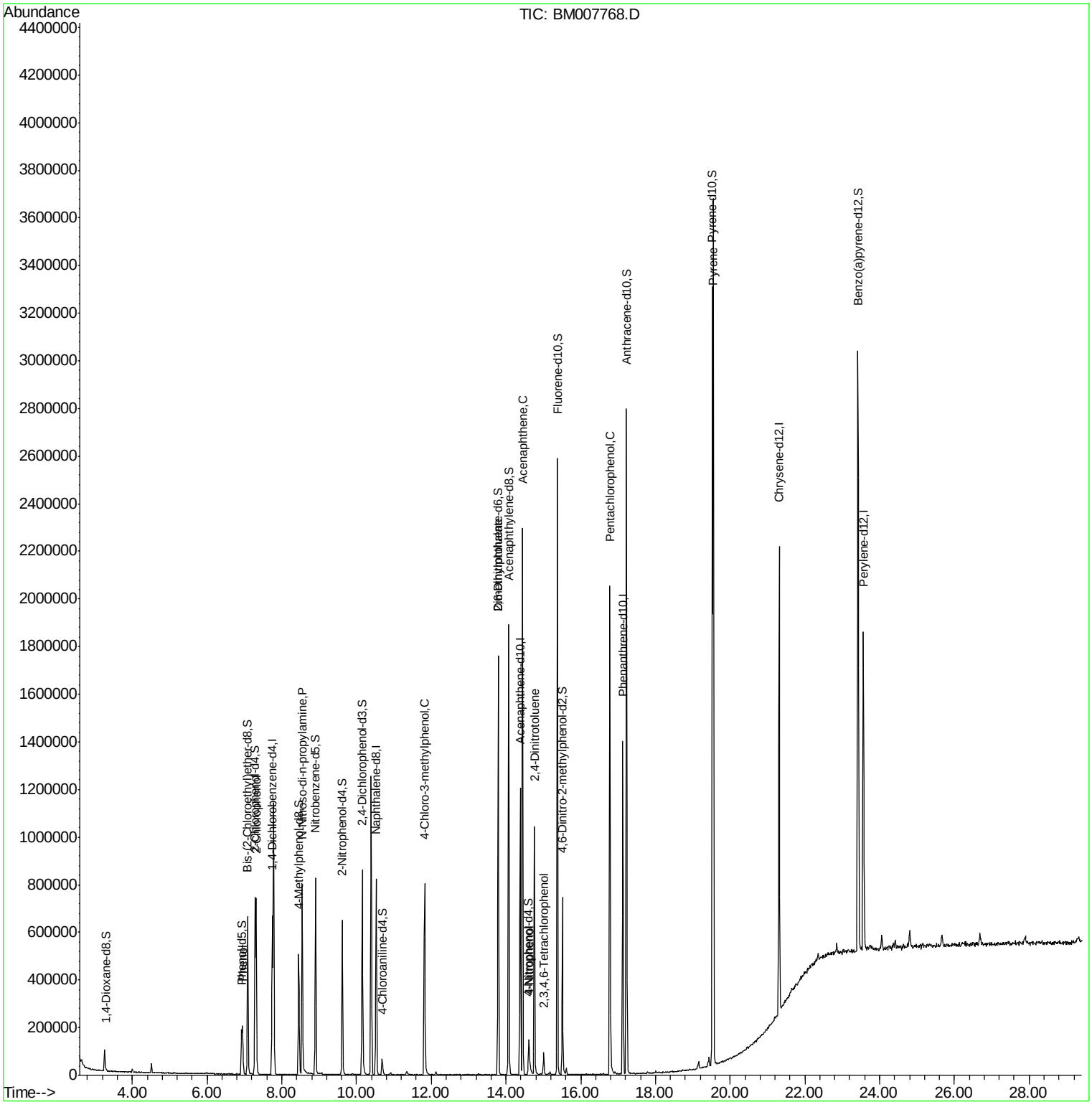
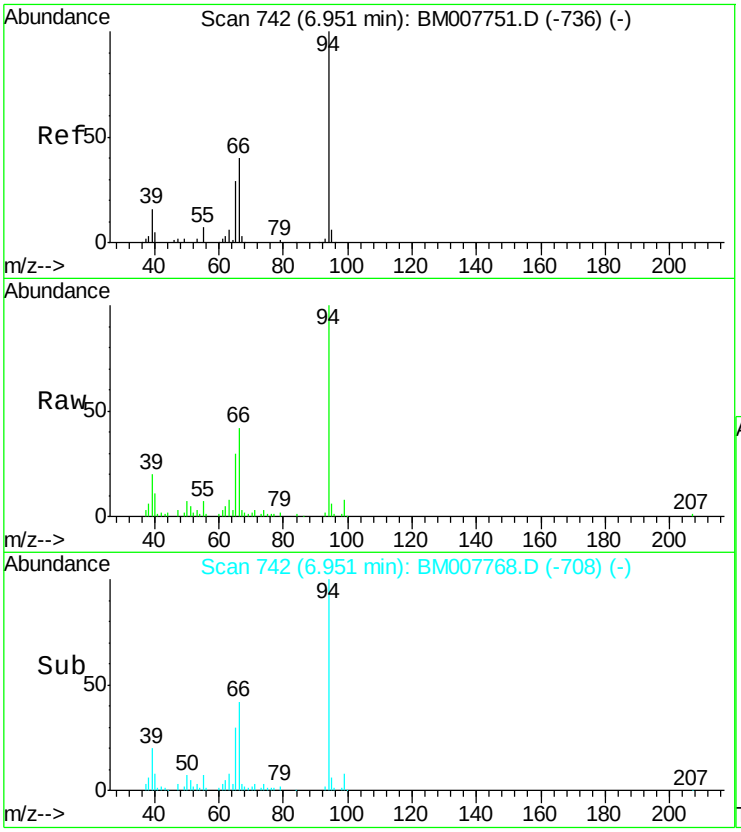


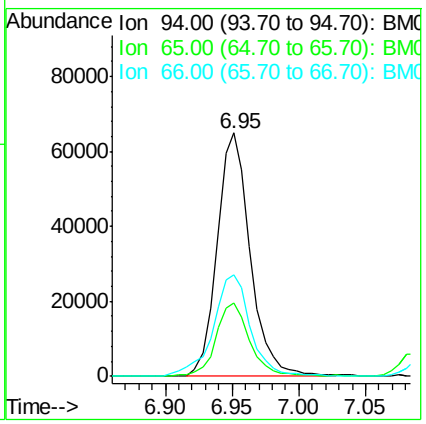


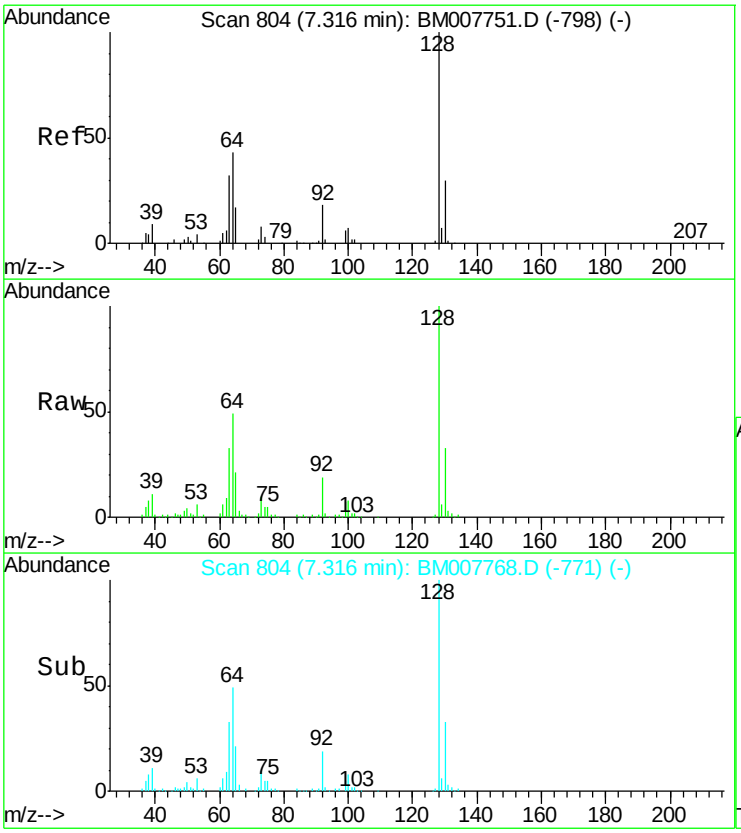
#6
Phenol
Concen: 8.23 ng/ul
RT: 6.95 min Scan# 742
Delta R.T. -0.00 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Instrument :
BNA_M
ClientSampleId :
H0103MS

Tgt Ion: 94 Resp: 113053

Ion	Ratio	Lower	Upper
94	100		
65	30.3	23.9	35.9
66	41.6	33.5	50.3

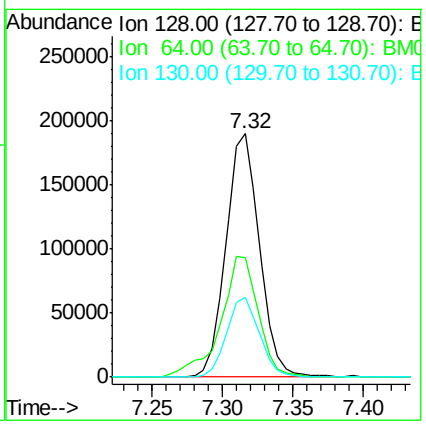


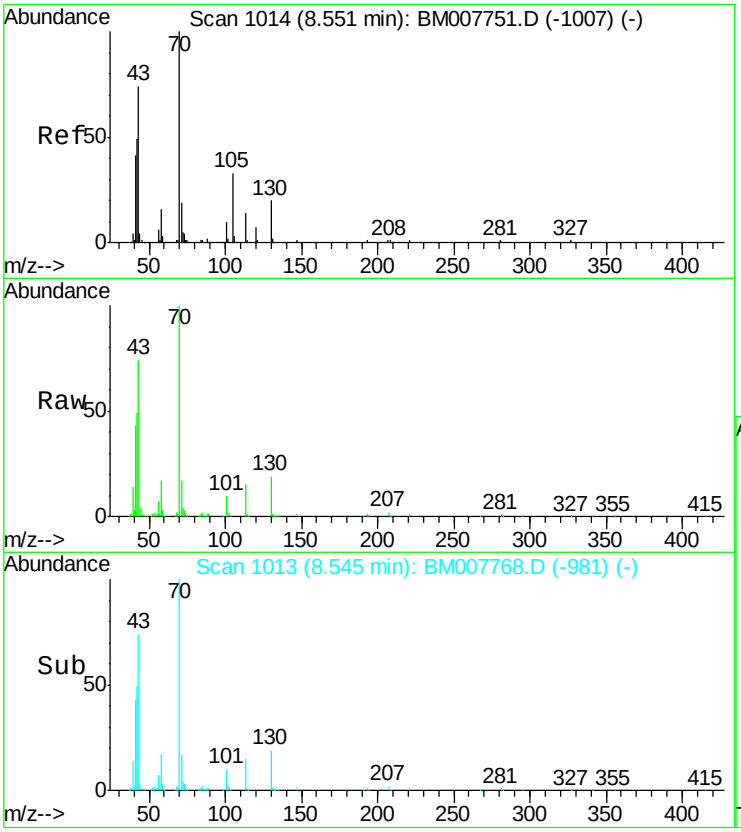


#10
2-Chlorophenol
Concen: 29.78 ng/ul
RT: 7.32 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Tgt Ion:128 Resp: 313611

Ion	Ratio	Lower	Upper
128	100		
64	49.1	37.5	56.3
130	32.8	25.0	37.4



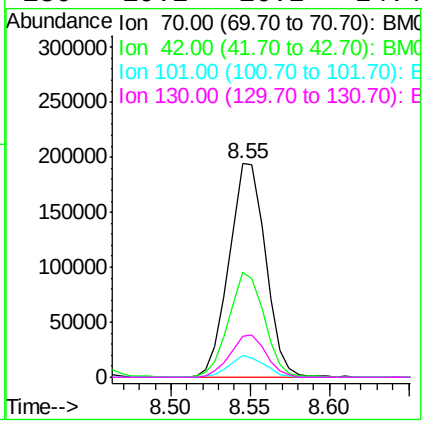


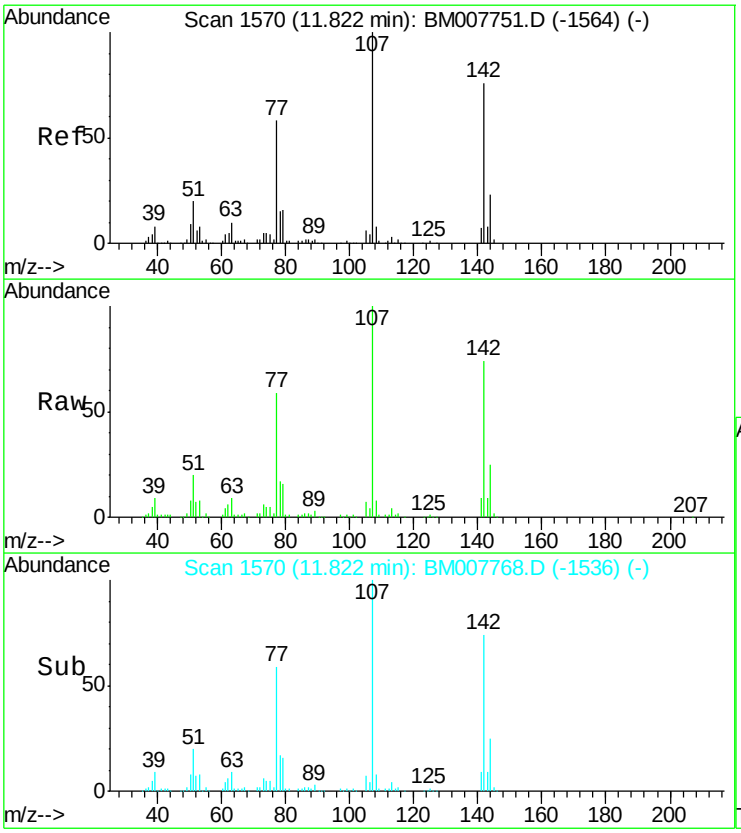
#15
N-Nitroso-di-n-propylamine
Concen: 38.26 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Instrument :
BNA_M
ClientSampleId :
H0103MS

Tgt Ion: 70 Resp: 311723

Ion	Ratio	Lower	Upper
70	100		
42	49.3	43.4	65.2
101	10.2	7.8	11.6
130	19.2	16.2	24.4

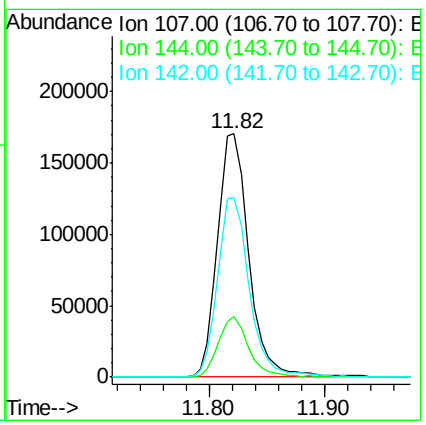


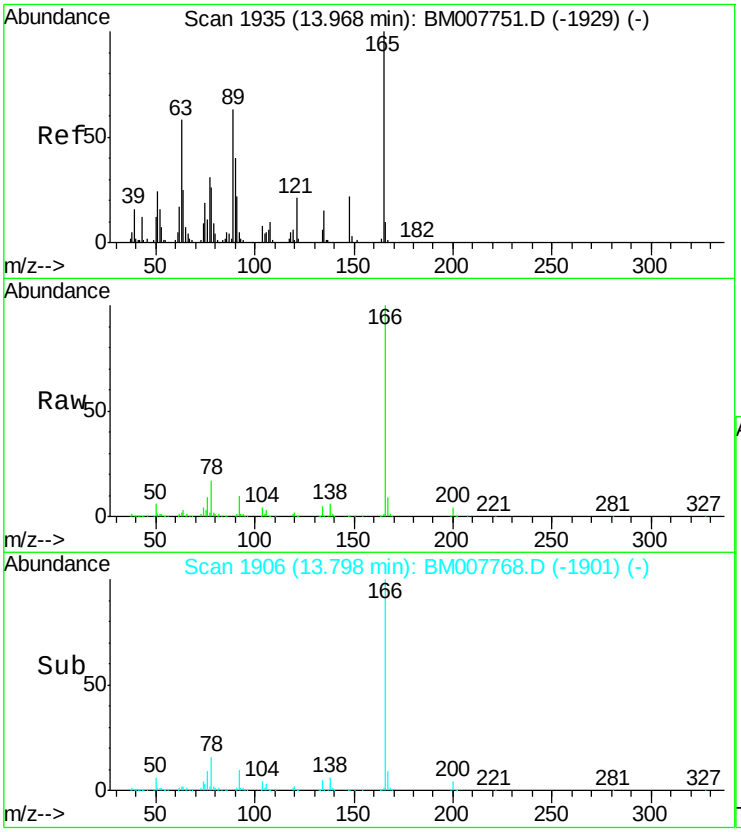


#33
4-Chloro-3-methylphenol
Concen: 31.60 ng/ul
RT: 11.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Tgt Ion:107 Resp: 322469

Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.1	31.7
142	74.0	64.1	96.1



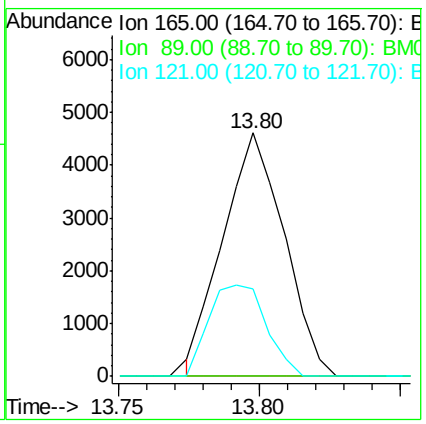


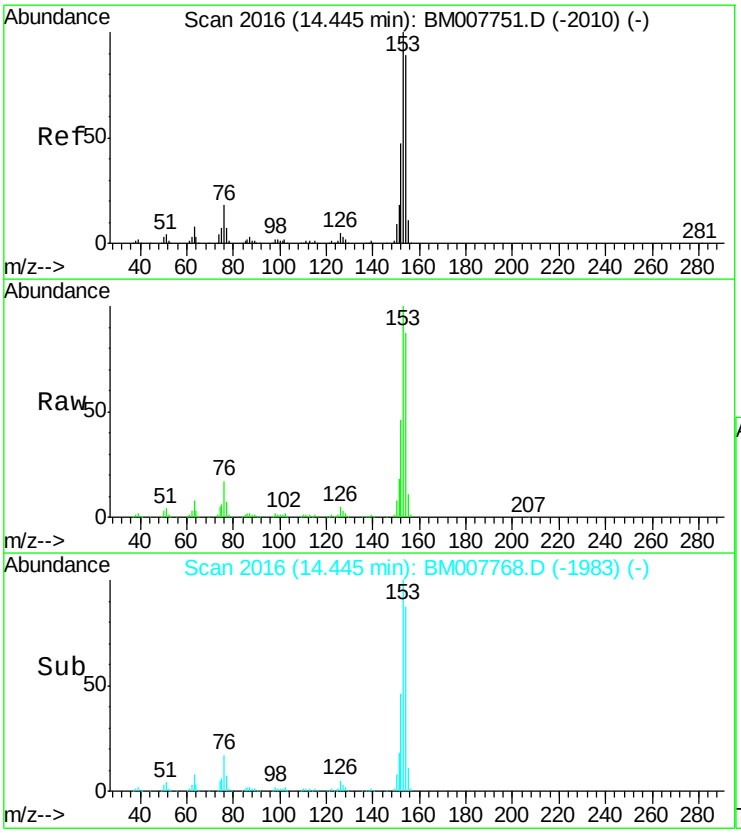
#45
2,6-Dinitrotoluene
Concen: 1.36 ng/ul
RT: 13.80 min Scan# 1906
Delta R.T. -0.17 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Instrument :
BNA_M
ClientSampleId :
H0103MS

Tgt Ion:165 Resp: 6956

Ion	Ratio	Lower	Upper
165	100		
89	0.0	46.6	69.8#
121	35.9	16.0	24.0#

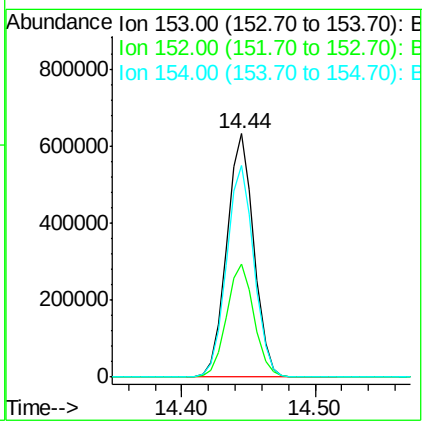


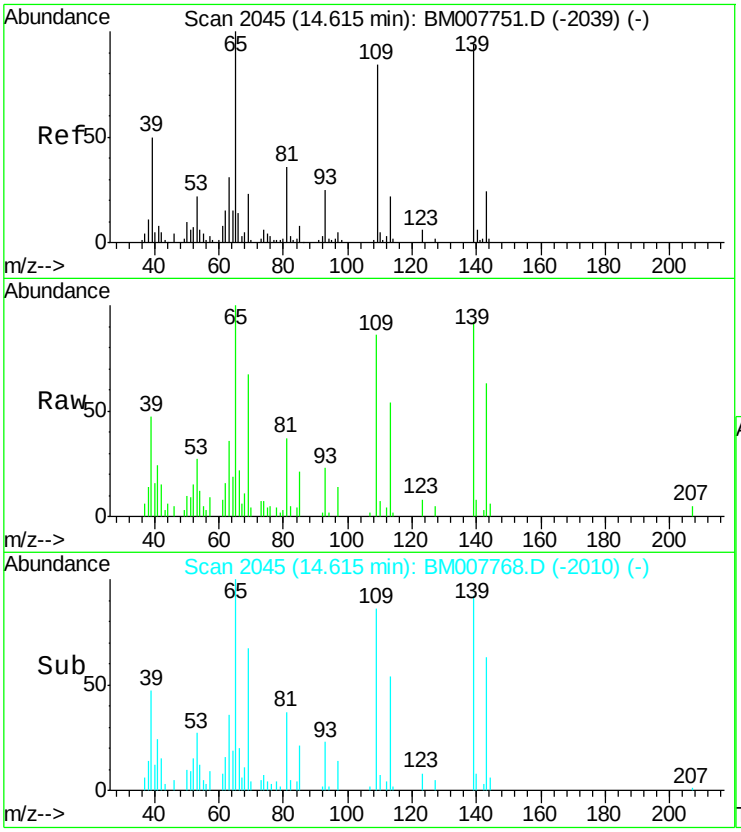


#49
Acenaphthene
Concen: 38.21 ng/ul
RT: 14.44 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Tgt Ion:153 Resp: 898173

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.8	56.6
154	86.7	71.4	107.0



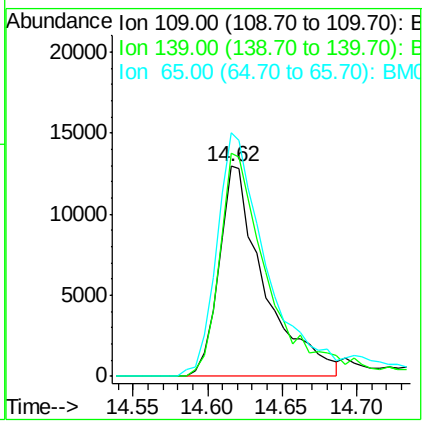


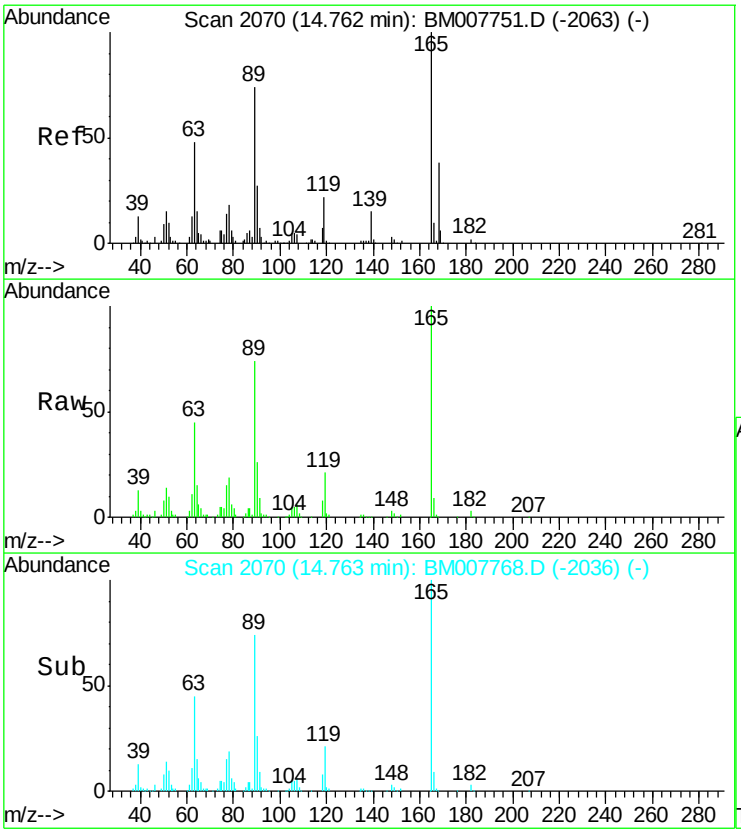
#52
4-Nitrophenol
Concen: 6.30 ng/ul
RT: 14.62 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Instrument :
BNA_M
ClientSampleId :
H0103MS

Tgt Ion:109 Resp: 27580

Ion	Ratio	Lower	Upper
109	100		
139	106.3	88.7	133.1
65	115.9	96.4	144.6

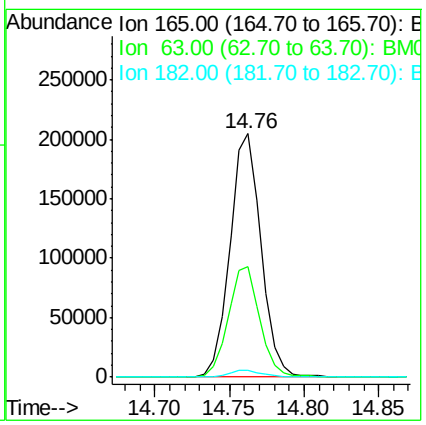


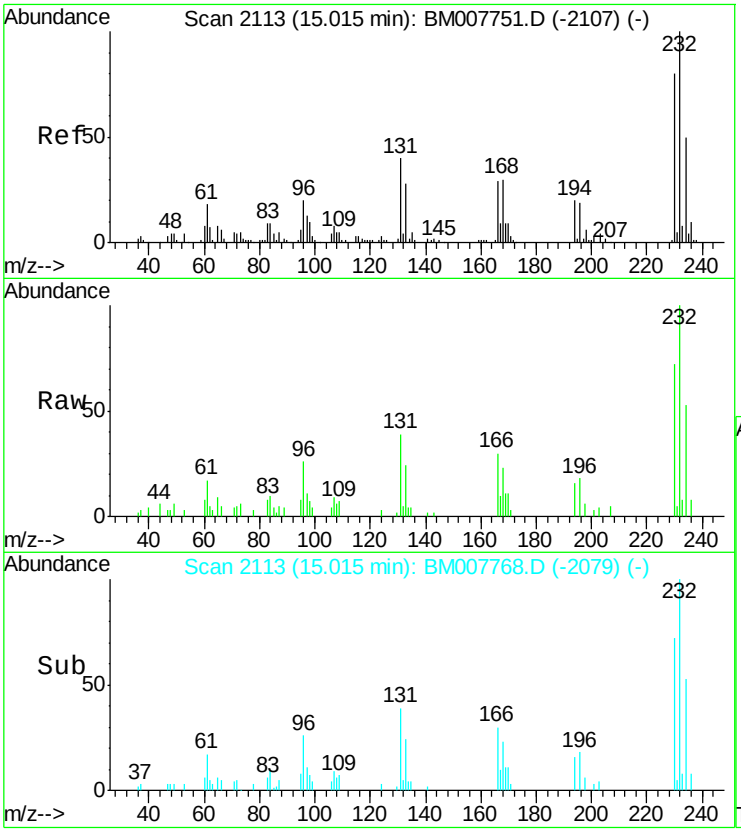


#54
2,4-Dinitrotoluene
Concen: 40.50 ng/ul
RT: 14.76 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Tgt Ion:165 Resp: 297947

Ion	Ratio	Lower	Upper
165	100		
63	45.3	36.2	54.2
182	2.8	2.2	3.4



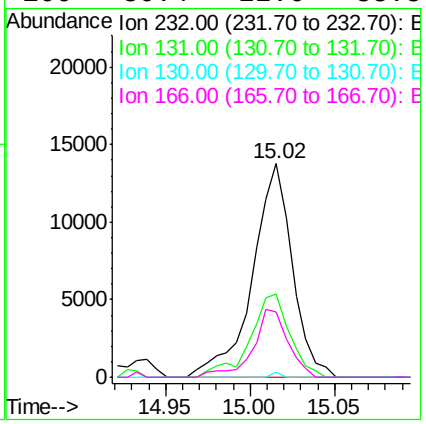


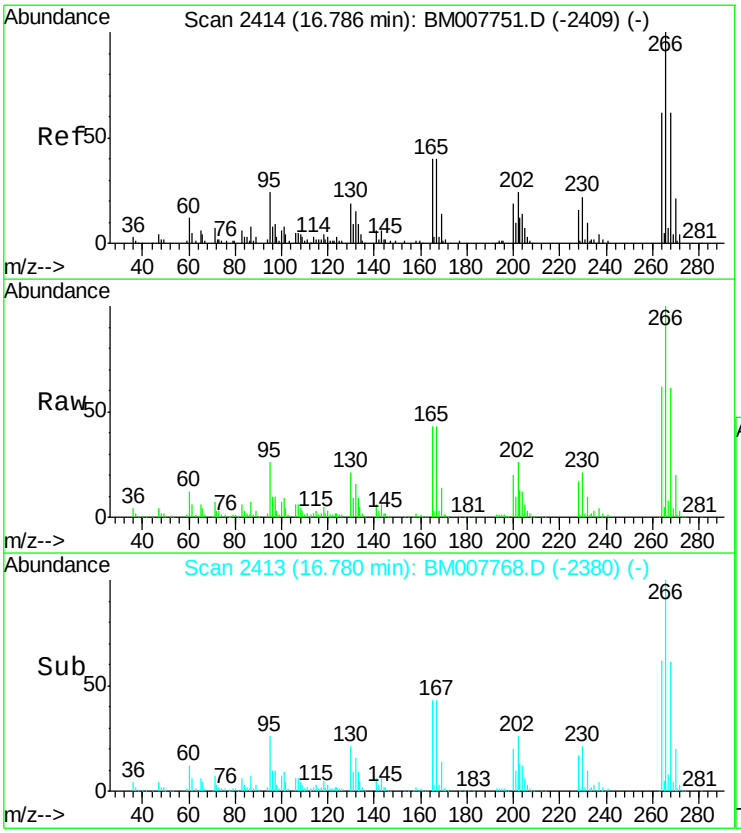
#55
2,3,4,6-Tetrachlorophenol
Concen: 3.14 ng/ul
RT: 15.02 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Instrument :
BNA_M
ClientSampleId :
H0103MS

Tgt Ion:232 Resp: 22573

Ion	Ratio	Lower	Upper
232	100		
131	39.1	31.4	47.0
130	2.5	1.6	2.4#
166	30.4	22.6	33.8

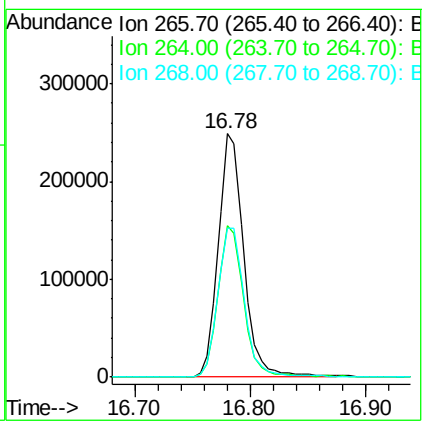


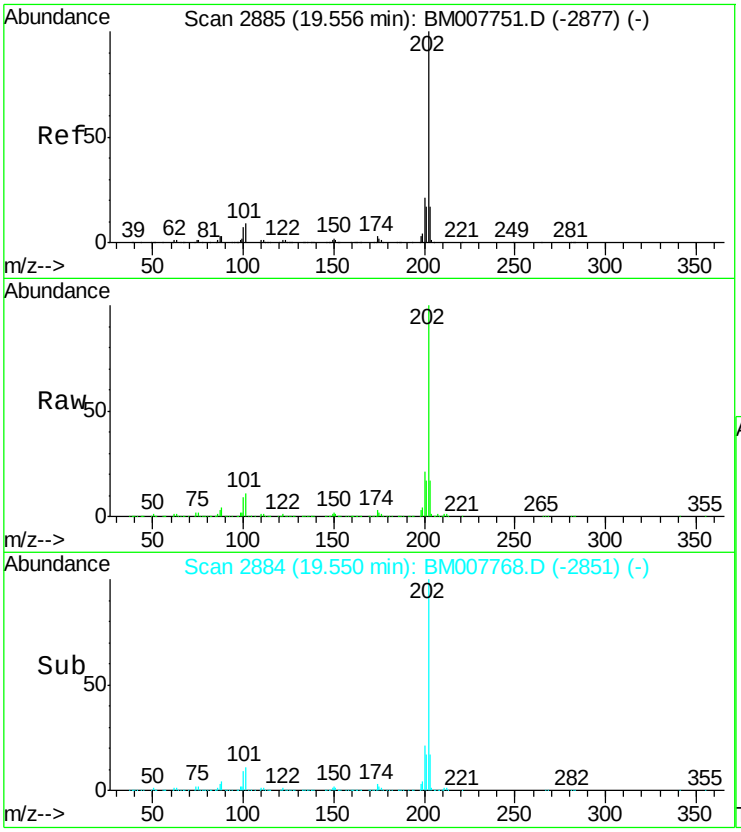


#68
Pentachlorophenol
Concen: 66.41 ng/ul
RT: 16.78 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Tgt Ion:266 Resp: 381056

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.6	75.8
268	60.9	51.0	76.6





#77
Pyrene
Concen: 41.07 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BM007768.D
Acq: 07 Nov 2016 11:36

Instrument :
BNA_M
ClientSampleId :
H0103MS

Tgt Ion:202 Resp: 2148010

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
100	8.8	6.9	10.3