Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
Data File : BM007781.D
Acq On : 07 Nov 2016 20:55
Operator : UM/SJ
Sample : H5554-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5N77MSD

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Quant Time: Nov 08 09:31:33 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 08 02:10:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	179296	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	676167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	427091	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	841573	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1060600	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1113829	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	5599	1.34	ng/uL	0.00
5) Phenol-d5	6.92	99	99843	7.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	275484	33.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	301489	28.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	182044	16.81	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	175518	36.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	192615	37.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	329195	32.46	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.79	166	1056056	36.32	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1281269	36.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	24464m	5.32	ng/ul	0.00
57) Fluorene-d10	15.37	176	916924	35.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	149533	29.91	ng/ul	0.00
70) Anthracene-d10	17.22	188	1442301	38.03	ng/ul	0.00
76) Pyrene-d10	19.52	212	1679324	38.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1874200	38.54	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.95	94	99380	7.00	ng/ul	99
10) 2-Chlorophenol	7.31	128	292562	26.87	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	291105	34.55	ng/ul	94
33) 4-Chloro-3-methylphenol	11.82	107	304115	29.04	ng/ul	94
49) Acenaphthene	14.44	153	840365	34.31	ng/ul	98
52) 4-Nitrophenol	14.62	109	29206m	6.40	ng/ul	
54) 2,4-Dinitrotoluene	14.76	165	273410	35.67	ng/ul	94
68) Pentachlorophenol	16.78	266	209208	35.11	ng/ul	97
77) Pyrene	19.55	202	2068677	37.76	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
E5N77MSD

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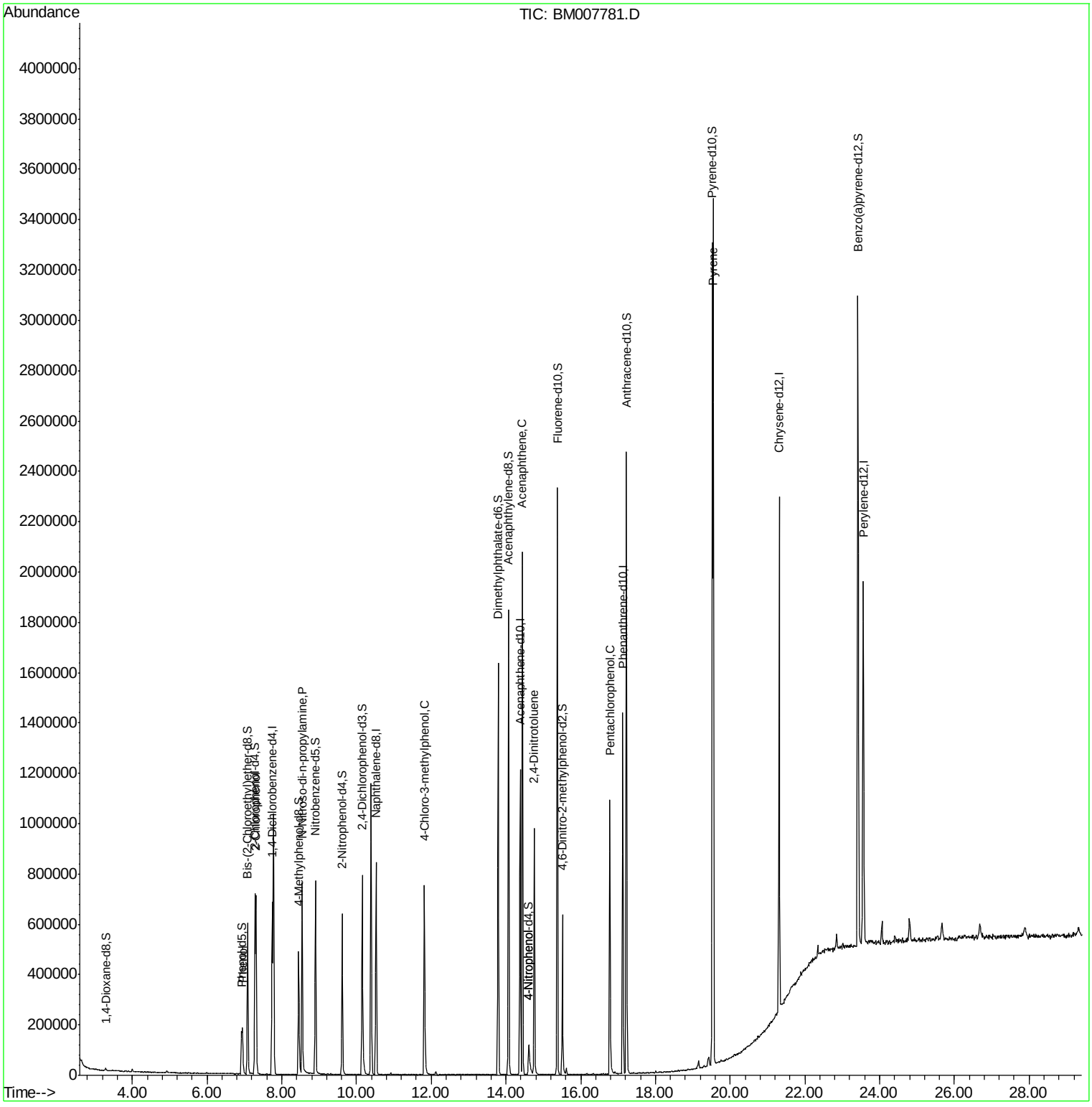
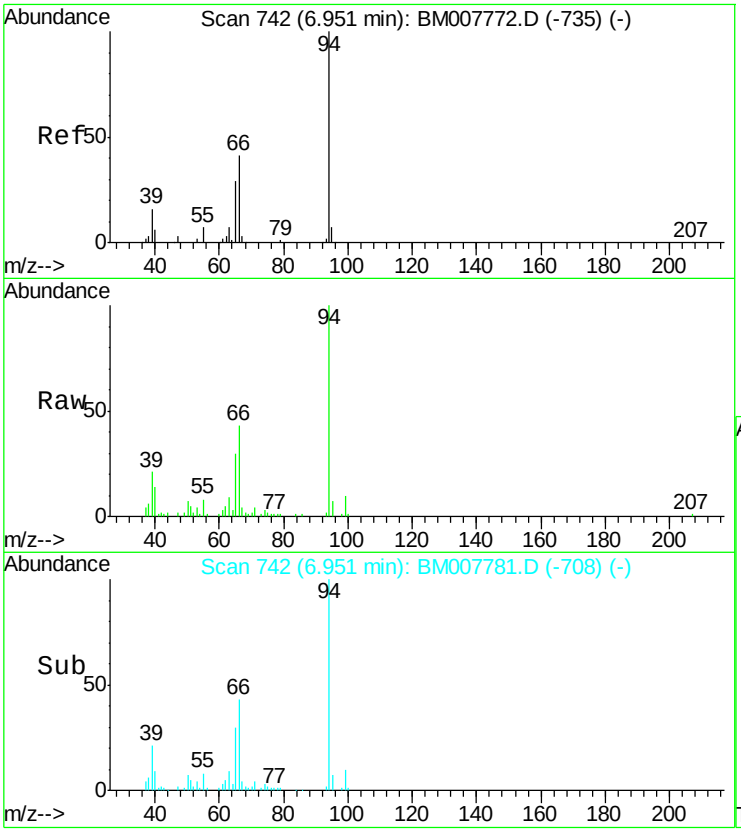
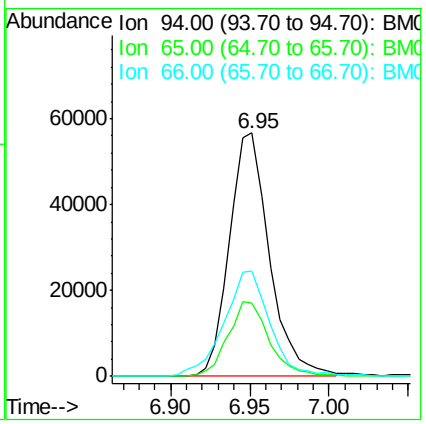




#6
Phenol
Concen: 7.00 ng/ul
RT: 6.95 min Scan# 742
Delta R.T. -0.00 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion: 94 Resp: 99380

Ion	Ratio	Lower	Upper
94	100		
65	30.1	23.9	35.9
66	43.2	33.5	50.3



Instrument :
BNA_M
ClientSampleId :
E5N77MSD

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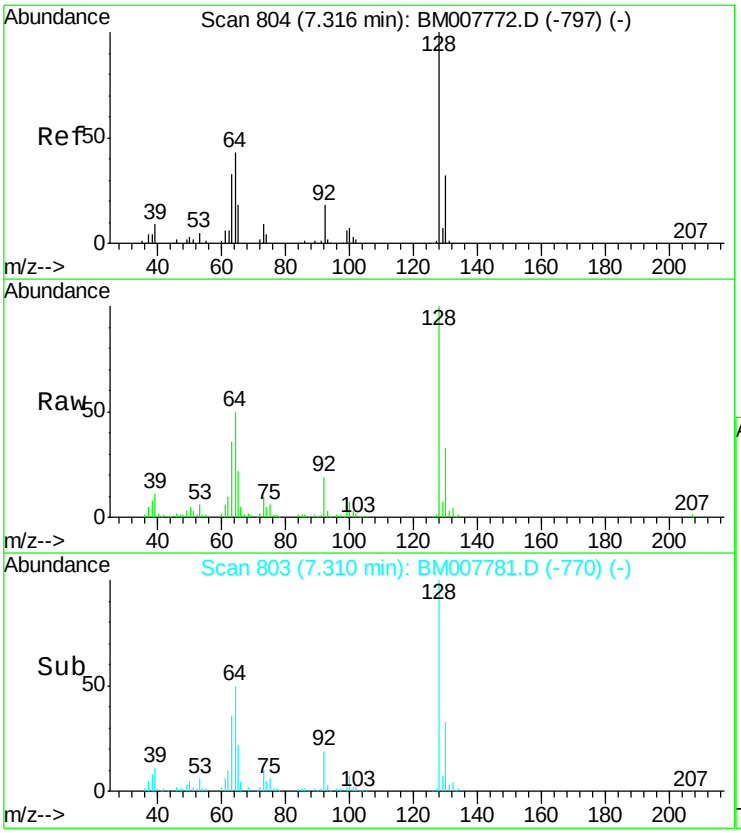
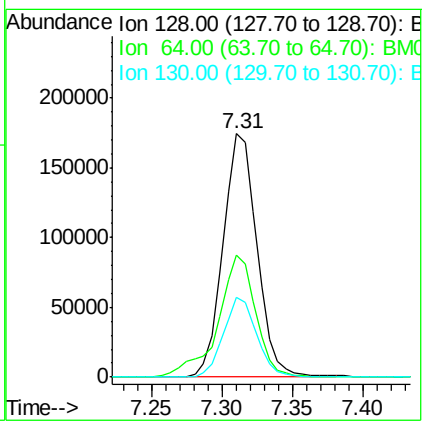
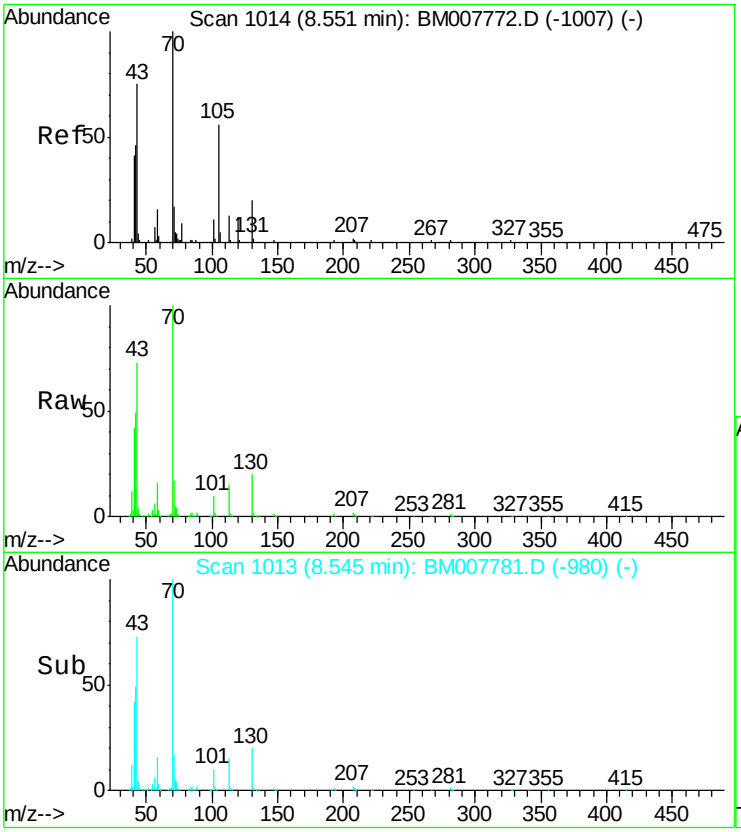


#10
2-Chlorophenol
Concen: 26.87 ng/ul
RT: 7.31 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:128 Resp: 292562

Ion	Ratio	Lower	Upper
128	100		
64	50.1	37.5	56.3
130	32.6	25.0	37.4

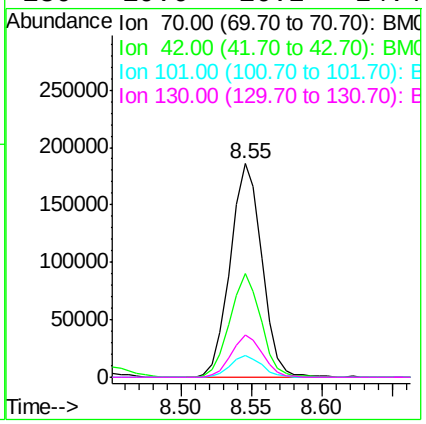




#15
N-Nitroso-di-n-propylamine
Concen: 34.55 ng/ul
RT: 8.55 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion: 70 Resp: 291105

Ion	Ratio	Lower	Upper
70	100		
42	48.6	43.4	65.2
101	10.1	7.8	11.6
130	19.6	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
E5N77MSD

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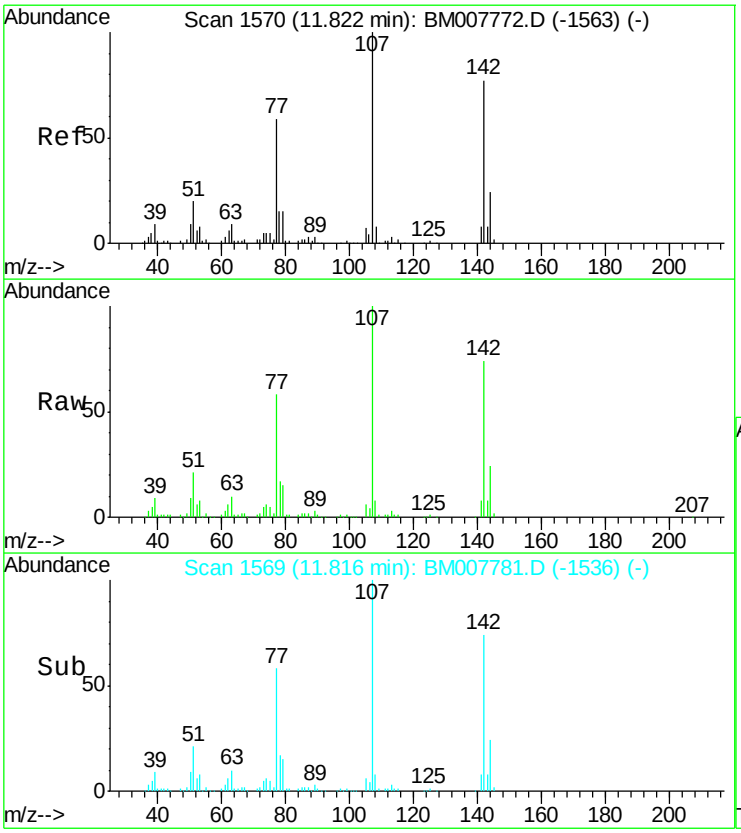
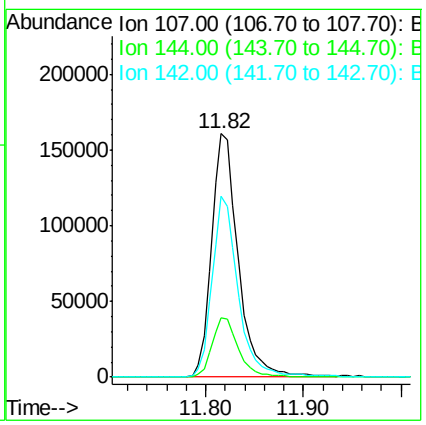
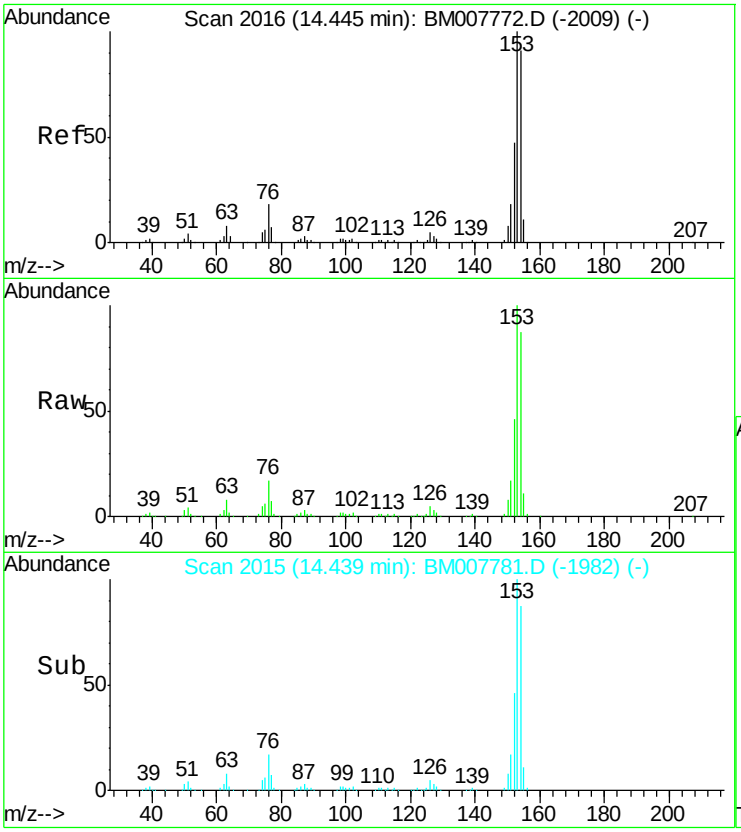


#33
4-Chloro-3-methylphenol
Concen: 29.04 ng/ul
RT: 11.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:107 Resp: 304115

Ion	Ratio	Lower	Upper
107	100		
144	24.3	21.1	31.7
142	74.4	64.1	96.1

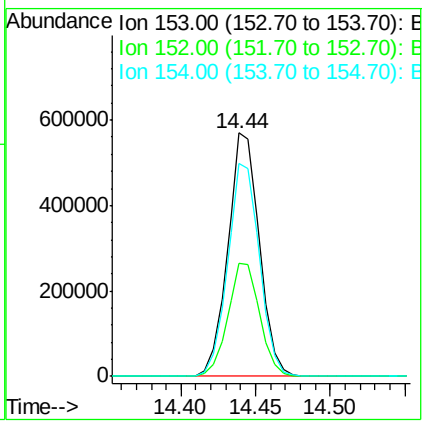




#49
Acenaphthene
Concen: 34.31 ng/ul
RT: 14.44 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:153 Resp: 840365

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.8	56.6
154	87.3	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
E5N77MSD

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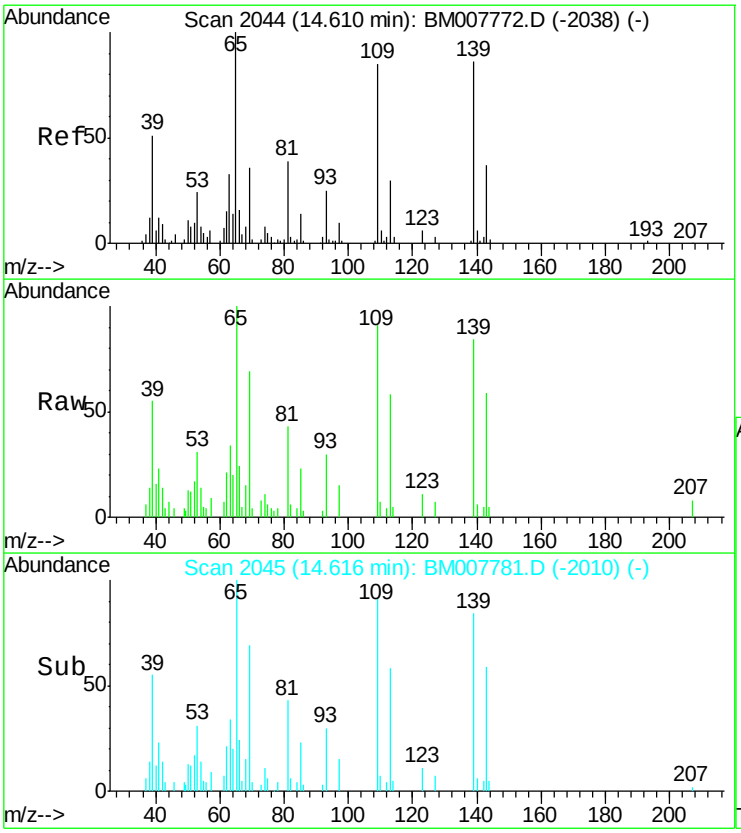
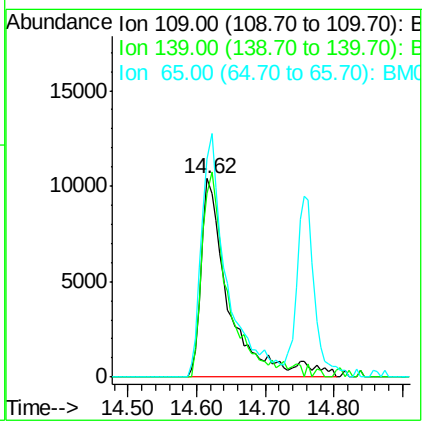
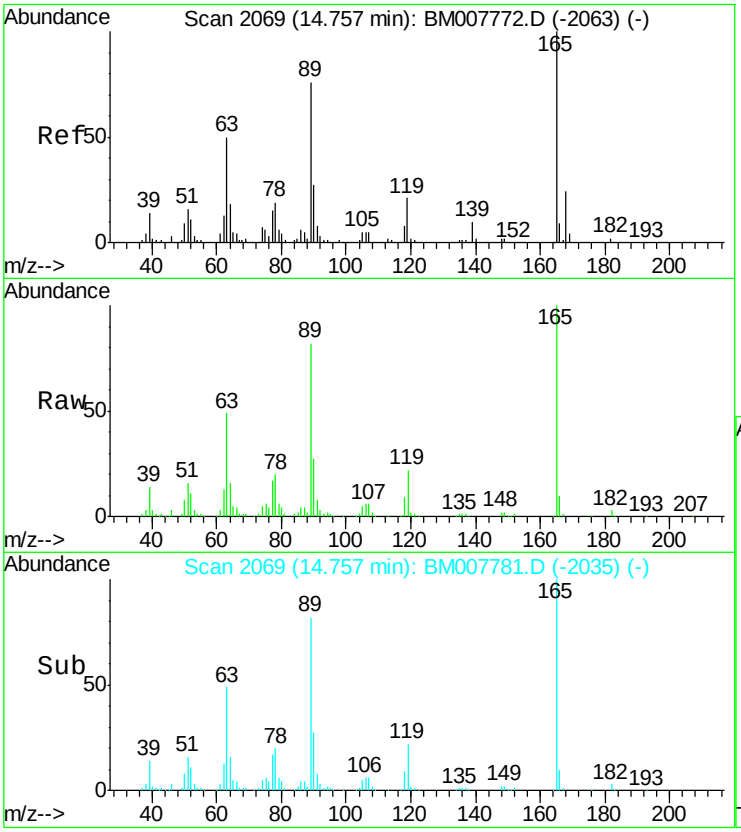


#52
4-Nitrophenol
Concen: 6.40 ng/ul m
RT: 14.62 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:109 Resp: 29206

Ion	Ratio	Lower	Upper
109	100		
139	92.4	88.7	133.1
65	109.7	96.4	144.6

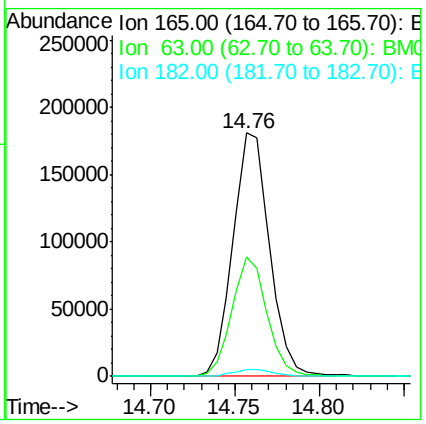




#54
2,4-Dinitrotoluene
Concen: 35.67 ng/ul
RT: 14.76 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:165 Resp: 273410

Ion	Ratio	Lower	Upper
165	100		
63	49.3	36.2	54.2
182	3.0	2.2	3.4



Instrument :
BNA_M
ClientSampleId :
E5N77MSD

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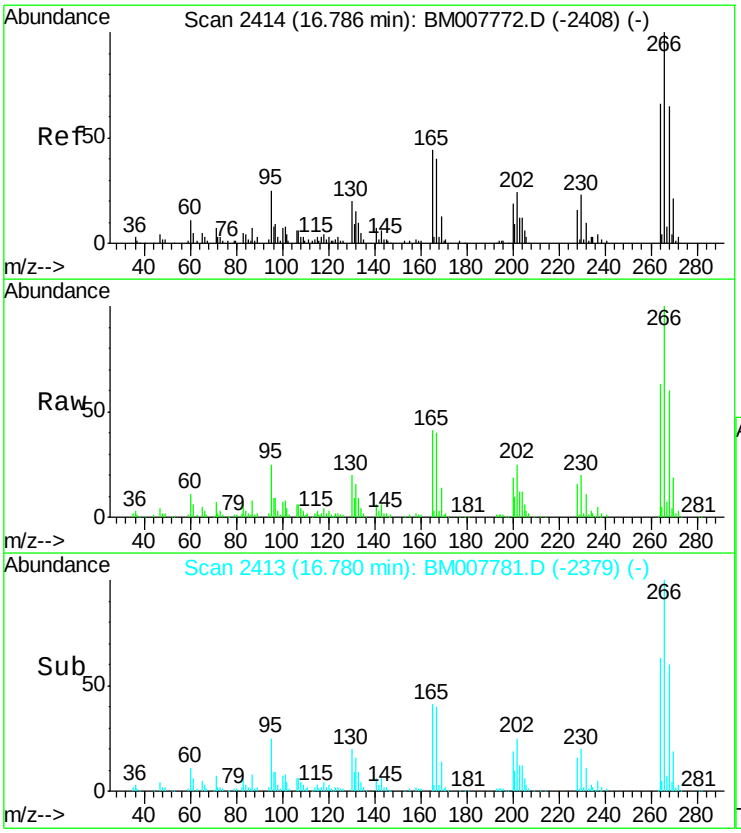
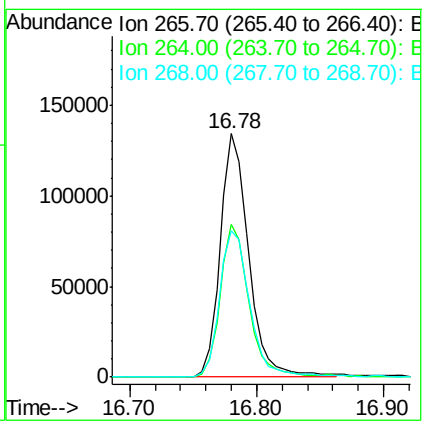
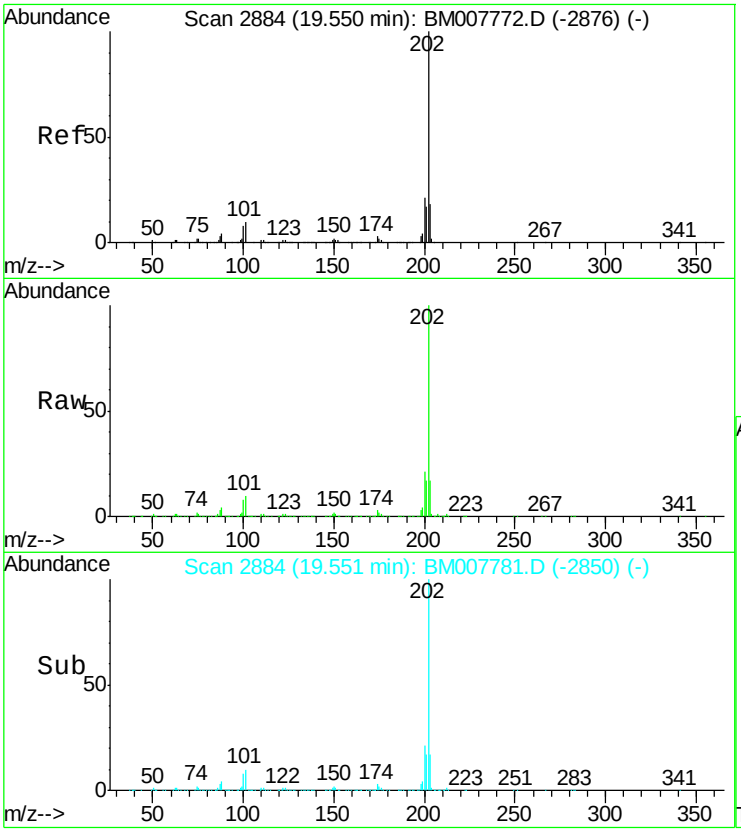


#68
Pentachlorophenol
Concen: 35.11 ng/ul
RT: 16.78 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:266 Resp: 209208

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.6	75.8
268	60.0	51.0	76.6

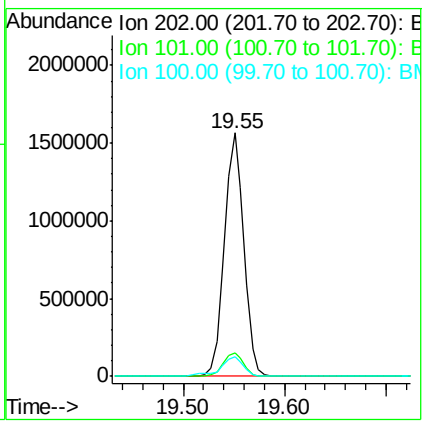




#77
Pyrene
Concen: 37.76 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BM007781.D
Acq: 07 Nov 2016 20:55

Tgt Ion:202 Resp: 2068677

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.4	12.6
100	8.0	6.9	10.3



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