Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014697.D
Acq On : 13 Apr 2018 11:55
Operator : SJ/JU
Sample : J2313-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A30MSD

Quant Time: Apr 13 23:55:33 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 13 23:54:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	441933	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1801965	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	900389	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	1749786	20.00	ng/ul	0.00
77) Chrysene-d12	21.96	240	1526926	20.00	ng/ul	0.00
85) Perylene-d12	24.47	264	1539459	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	59580	6.49	ng/uL	0.00
5) Phenol-d5	7.69	99	227040	6.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	689101	31.08	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	726093	24.97	ng/ul	0.00
13) 4-Methylphenol-d8	9.27	113	440351	15.29	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	427185	36.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.48	143	423200	40.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	767398	28.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	41426	1.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	2201648	30.95	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2977528	32.95	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	62369	5.40	ng/ul	0.00
57) Fluorene-d10	16.14	176	1887295	30.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	250376	33.52	ng/ul	0.00
70) Anthracene-d10	17.98	188	2662096	32.30	ng/ul	0.00
78) Pyrene-d10	20.21	212	2599940	33.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	2368820	31.34	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.71	94	239000	6.944	ng/ul#	92
10) 2-Chlorophenol	8.12	128	687995	23.960	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.38	70	654632	28.729	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.63	107	635086	23.915	ng/ul	94
49) Acenaphthene	15.23	153	1823495	30.474	ng/ul	98
52) 4-Nitrophenol	15.33	109	54701	6.233	ng/ul#	88
54) 2,4-Dinitrotoluene	15.50	165	516104	32.293	ng/ul	90
68) Pentachlorophenol	17.52	266	405131	35.145	ng/ul	98
79) Pyrene	20.24	202	3093152	32.424	ng/ul	98

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

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BNA_M
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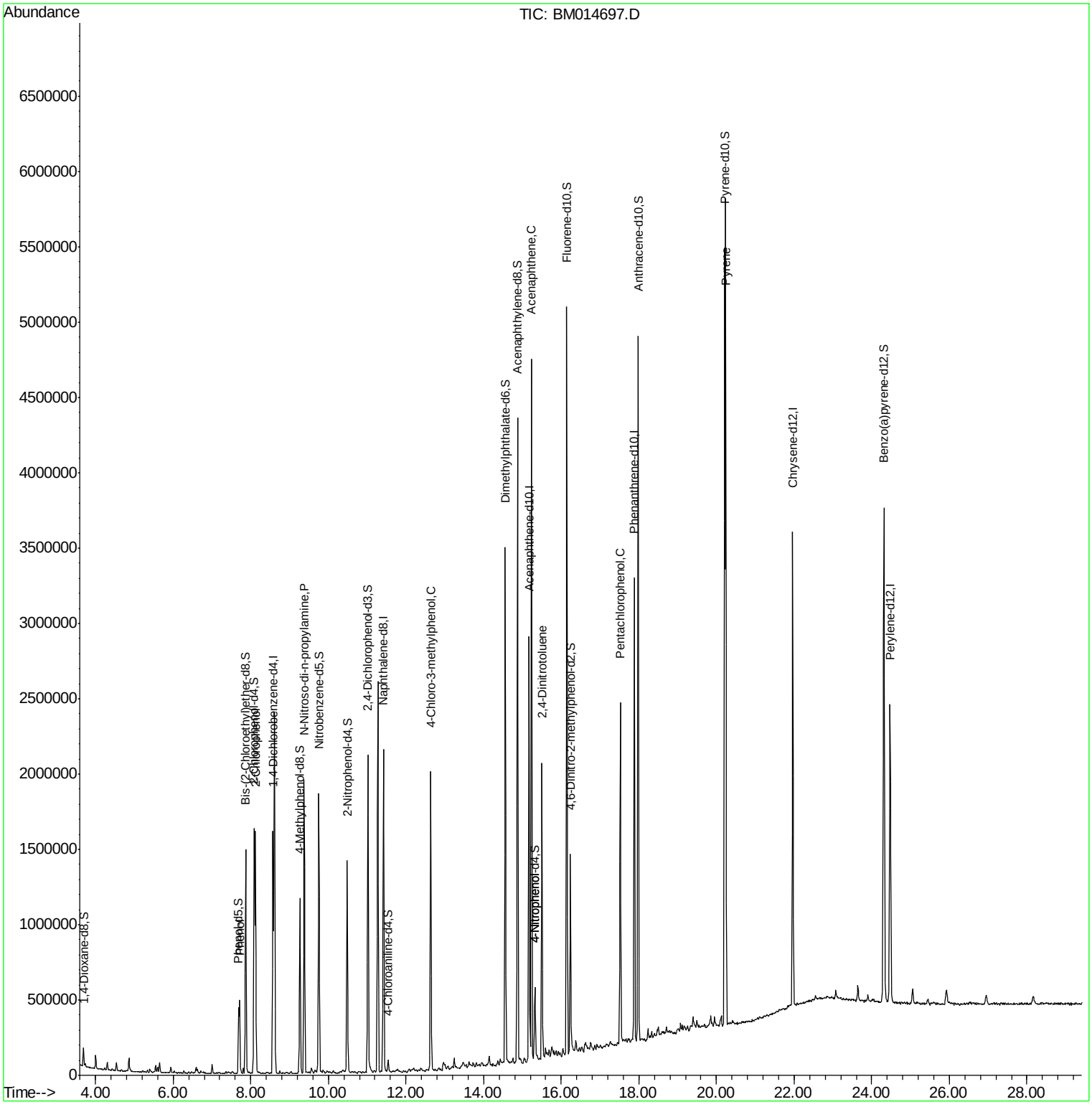
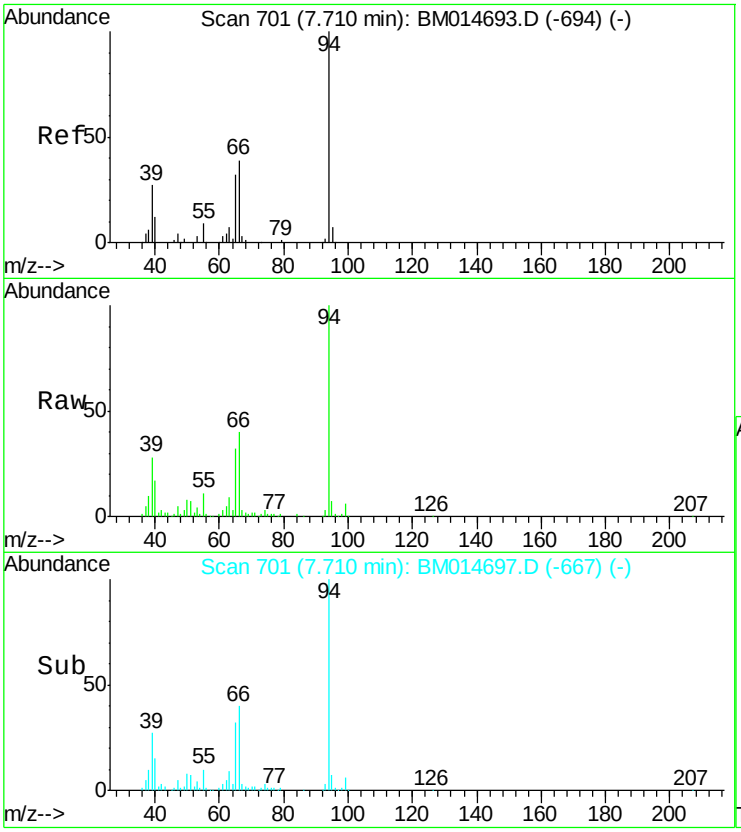


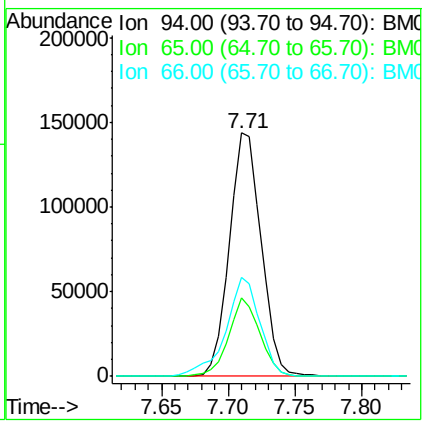


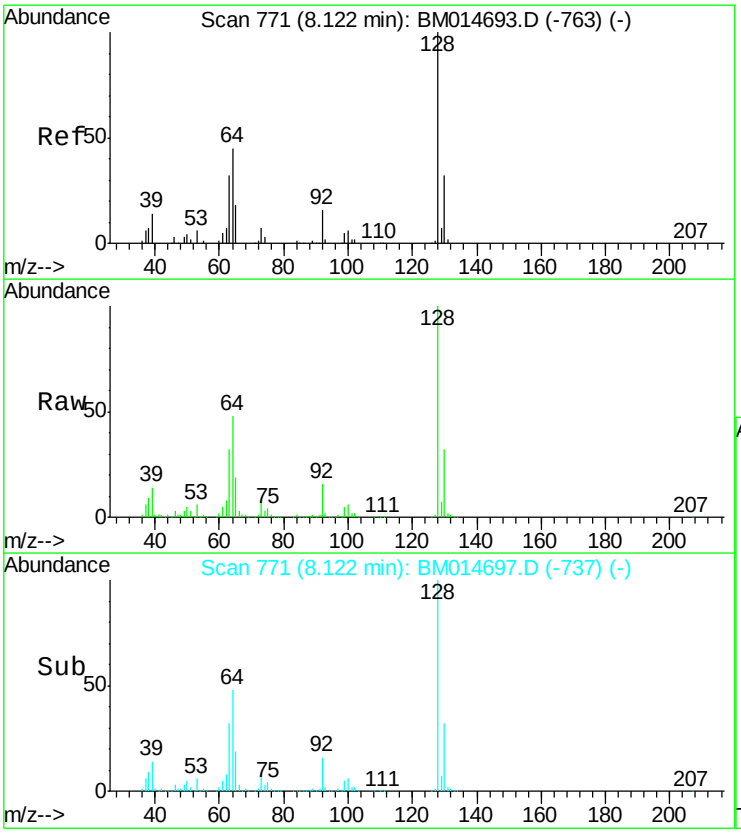
#6
Phenol
Concen: 6.944 ng/ul
RT: 7.71 min Scan# 701
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Instrument :
BNA_M
ClientSampleId :
F1A30MSD

Tgt Ion: 94 Resp: 239000

Ion	Ratio	Lower	Upper
94	100		
65	32.1	21.0	31.6#
66	40.5	29.3	43.9

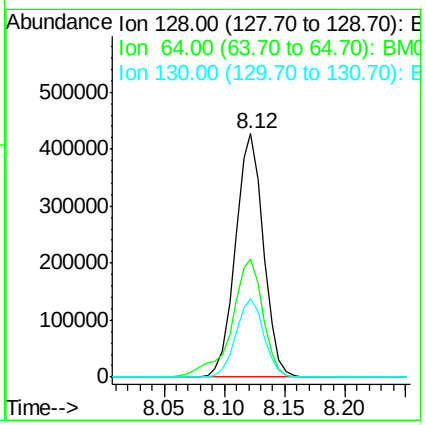


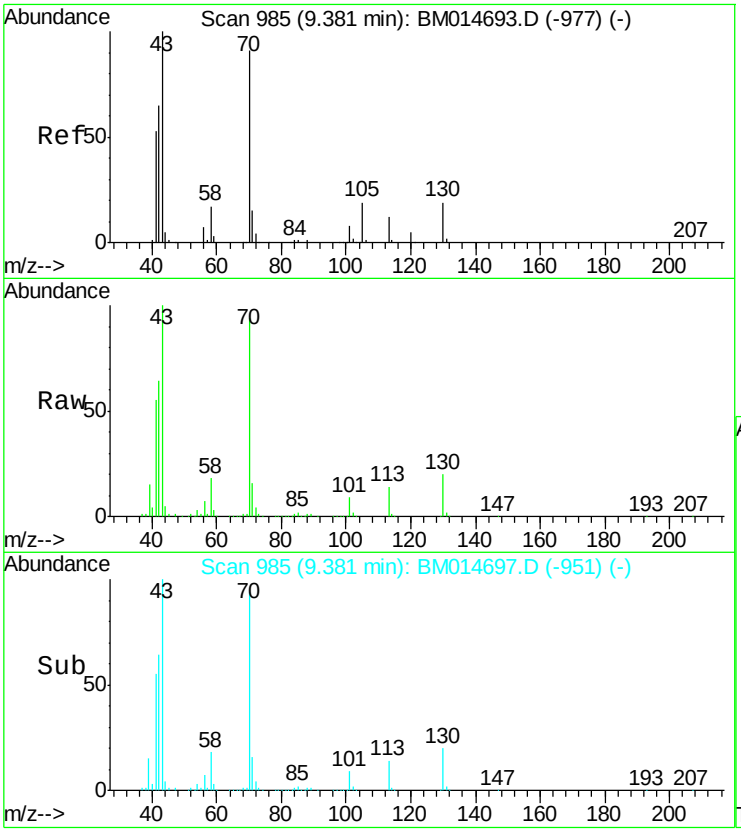


#10
2-Chlorophenol
Concen: 23.960 ng/ul
RT: 8.12 min Scan# 771
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Tgt Ion:128 Resp: 687995

Ion	Ratio	Lower	Upper
128	100		
64	48.5	31.9	47.9#
130	32.1	25.6	38.4



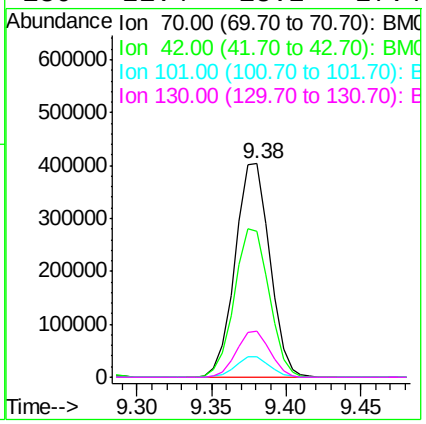


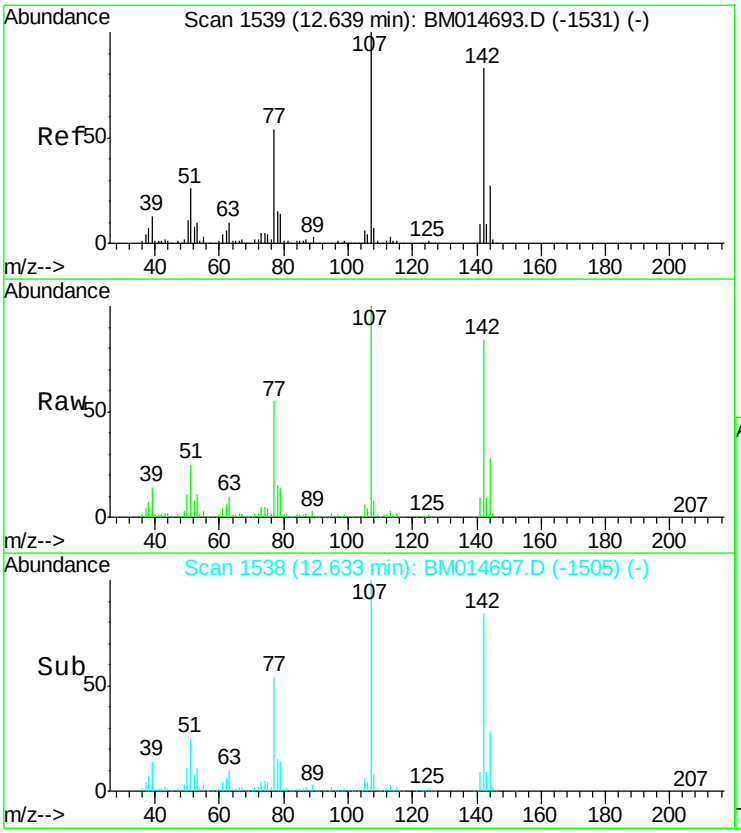
#15
N-Nitroso-di-n-propylamine
Concen: 28.729 ng/ul
RT: 9.38 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Instrument :
BNA_M
ClientSampleId :
F1A30MSD

Tgt Ion: 70 Resp: 654632

Ion	Ratio	Lower	Upper
70	100		
42	68.3	35.4	53.0#
101	9.8	8.4	12.6
130	21.4	18.2	27.4

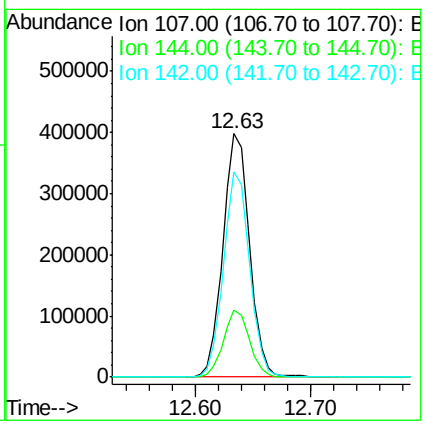


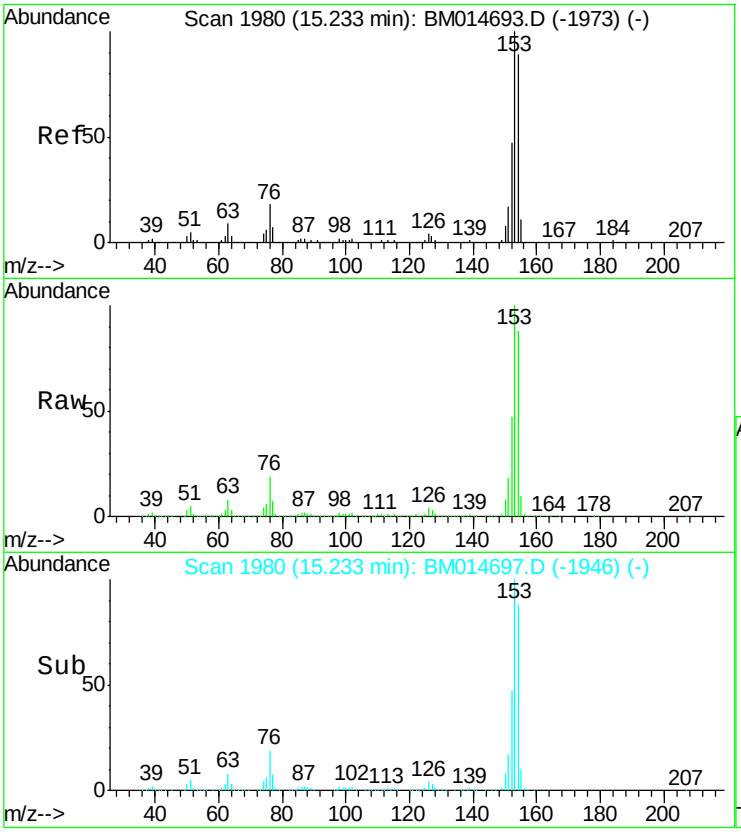


#33
4-Chloro-3-methylphenol
Concen: 23.915 ng/ul
RT: 12.63 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Tgt Ion:107 Resp: 635086

Ion	Ratio	Lower	Upper
107	100		
144	27.7	20.4	30.6
142	84.3	62.5	93.7



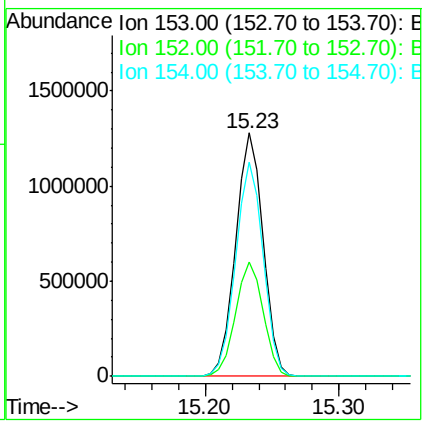


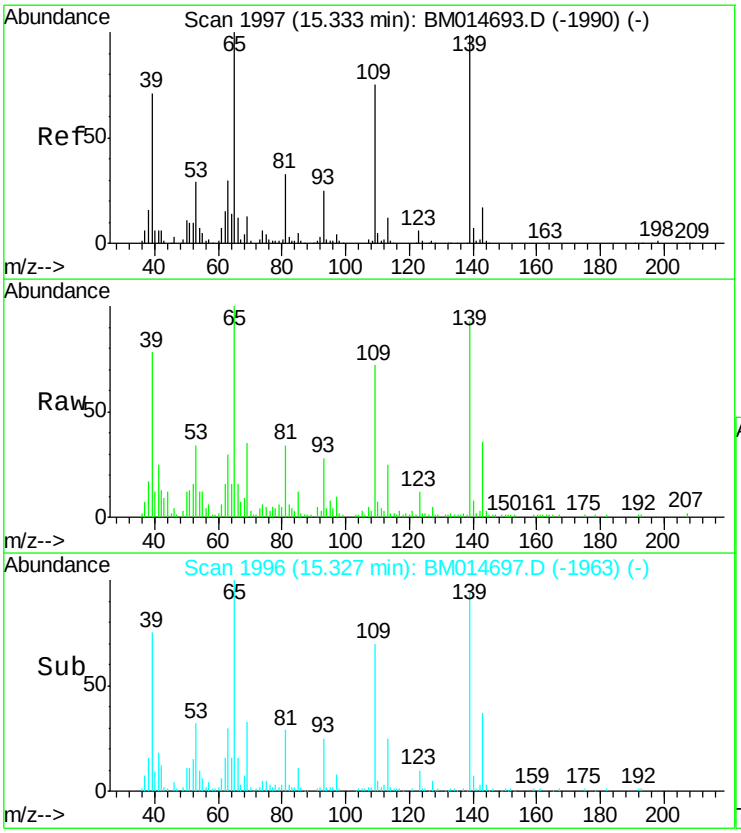
#49
Acenaphthene
Concen: 30.474 ng/ul
RT: 15.23 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Instrument :
BNA_M
ClientSampleId :
F1A30MSD

Tgt Ion:153 Resp: 1823495

Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.3	57.5
154	87.9	71.8	107.8

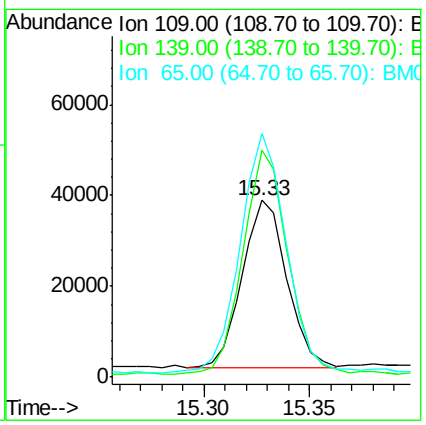


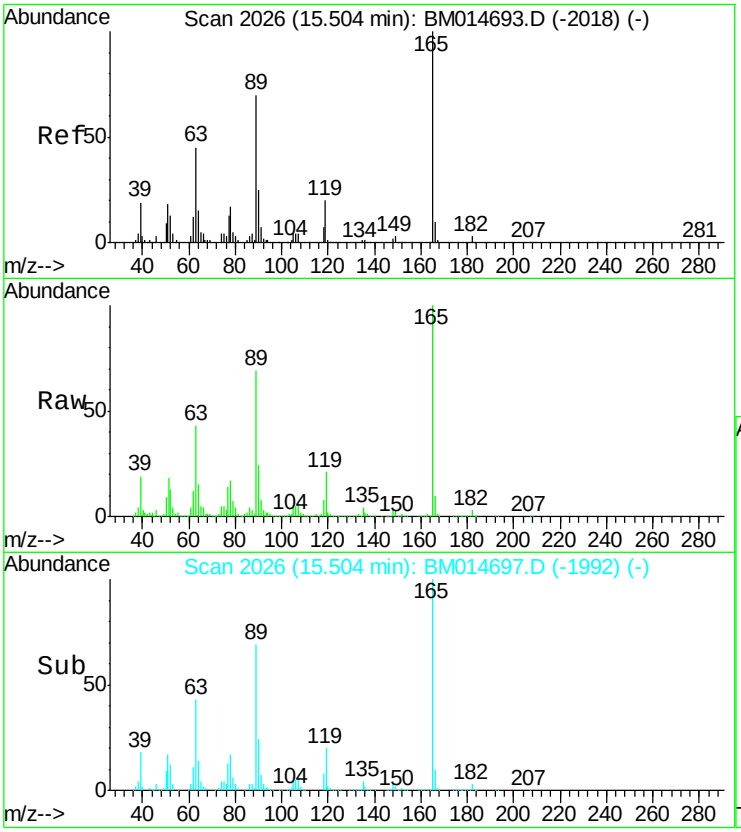


#52
4-Nitrophenol
Concen: 6.233 ng/ul
RT: 15.33 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Tgt Ion:109 Resp: 54701

Ion	Ratio	Lower	Upper
109	100		
139	128.9	103.7	155.5
65	138.0	89.4	134.2#



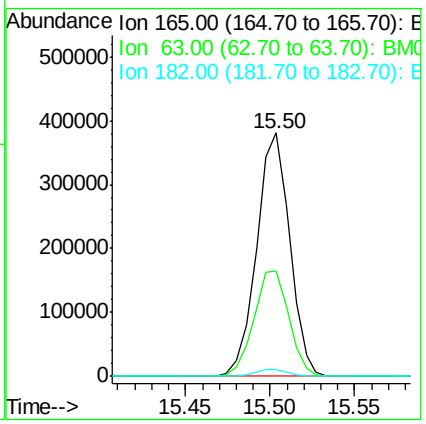


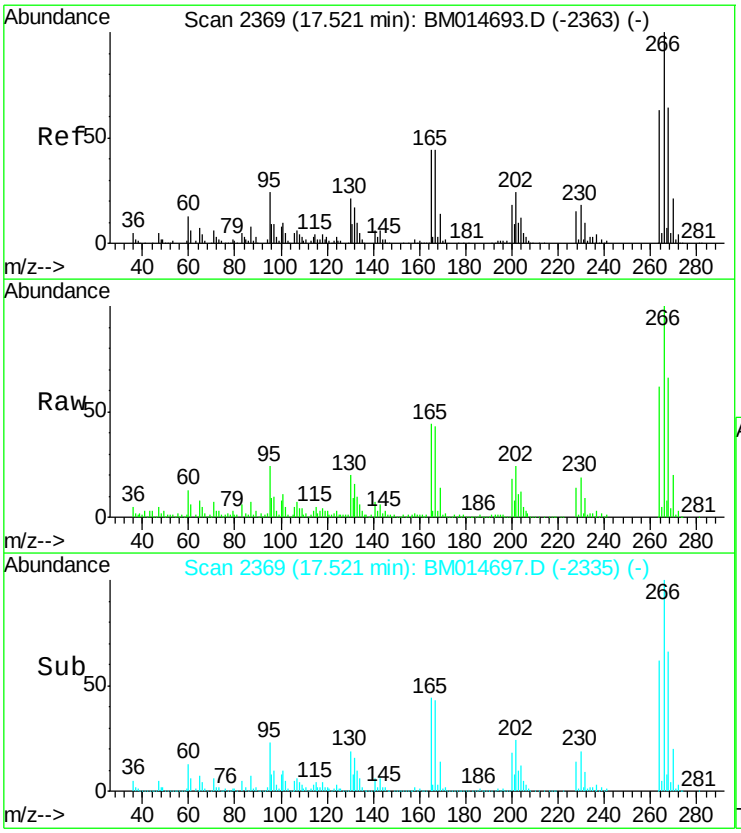
#54
2,4-Dinitrotoluene
Concen: 32.293 ng/ul
RT: 15.50 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Instrument :
BNA_M
ClientSampleId :
F1A30MSD

Tgt Ion:165 Resp: 516104

Ion	Ratio	Lower	Upper
165	100		
63	43.3	29.8	44.6
182	3.0	2.2	3.4

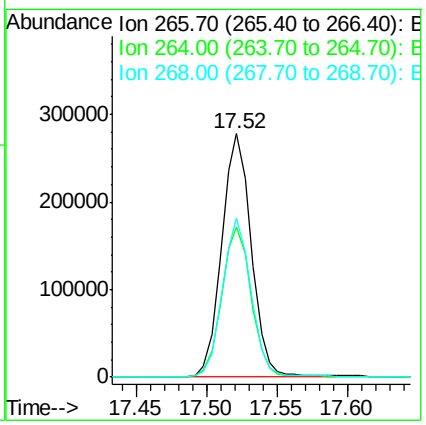


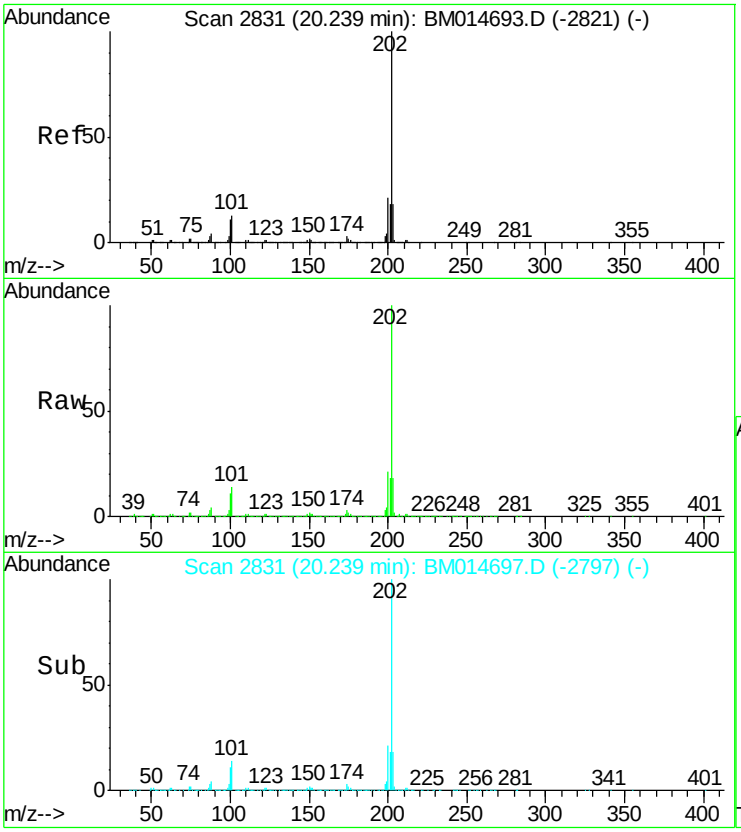


#68
Pentachlorophenol
Concen: 35.145 ng/ul
RT: 17.52 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Tgt Ion:266 Resp: 405131

Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.5	75.7
268	65.5	50.9	76.3





#79
Pyrene
Concen: 32.424 ng/ul
RT: 20.24 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM014697.D
Acq: 13 Apr 2018 11:55

Instrument :
BNA_M
ClientSampleId :
F1A30MSD

Tgt Ion:202 Resp: 3093152

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.2	15.2
100	11.4	8.5	12.7