Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007238.D
Acq On : 19 Aug 2016 15:41
Operator : UM/SJ
Sample : H4436-17MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA215MS

Quant Time: Aug 19 17:00:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 09:10:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	257624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1028967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	587065	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1370103	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1638726	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1713568	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	20506	3.48	ng/uL	0.00
5) Phenol-d5	6.97	99	413448	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	235343	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	342240	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	333129	19.40	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	160253	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	175032	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	338598	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	359116	18.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1036941	21.38	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1272616	21.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	175364	20.17	ng/ul	0.00
57) Fluorene-d10	15.43	176	915857	21.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	83899	11.08	ng/ul	0.00
70) Anthracene-d10	17.27	188	1461097	23.02	ng/ul	0.00
76) Pyrene-d10	19.57	212	1859154	26.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2025813	25.85	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	375521	17.08	ng/ul	99
10) 2-Chlorophenol	7.37	128	303530	17.85	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	237312	17.24	ng/ul	96
33) 4-Chloro-3-methylphenol	11.87	107	332289	18.25	ng/ul	97
44) Dimethylphthalate	13.89	163	902580	18.62	ng/ul	99
49) Acenaphthene	14.50	153	762493	19.58	ng/ul	99
52) 4-Nitrophenol	14.65	109	158106	17.89	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	266259	19.15	ng/ul	100
68) Pentachlorophenol	16.83	266	219458	20.32	ng/ul	97
77) Pyrene	19.60	202	2187979	24.15	ng/ul	100

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

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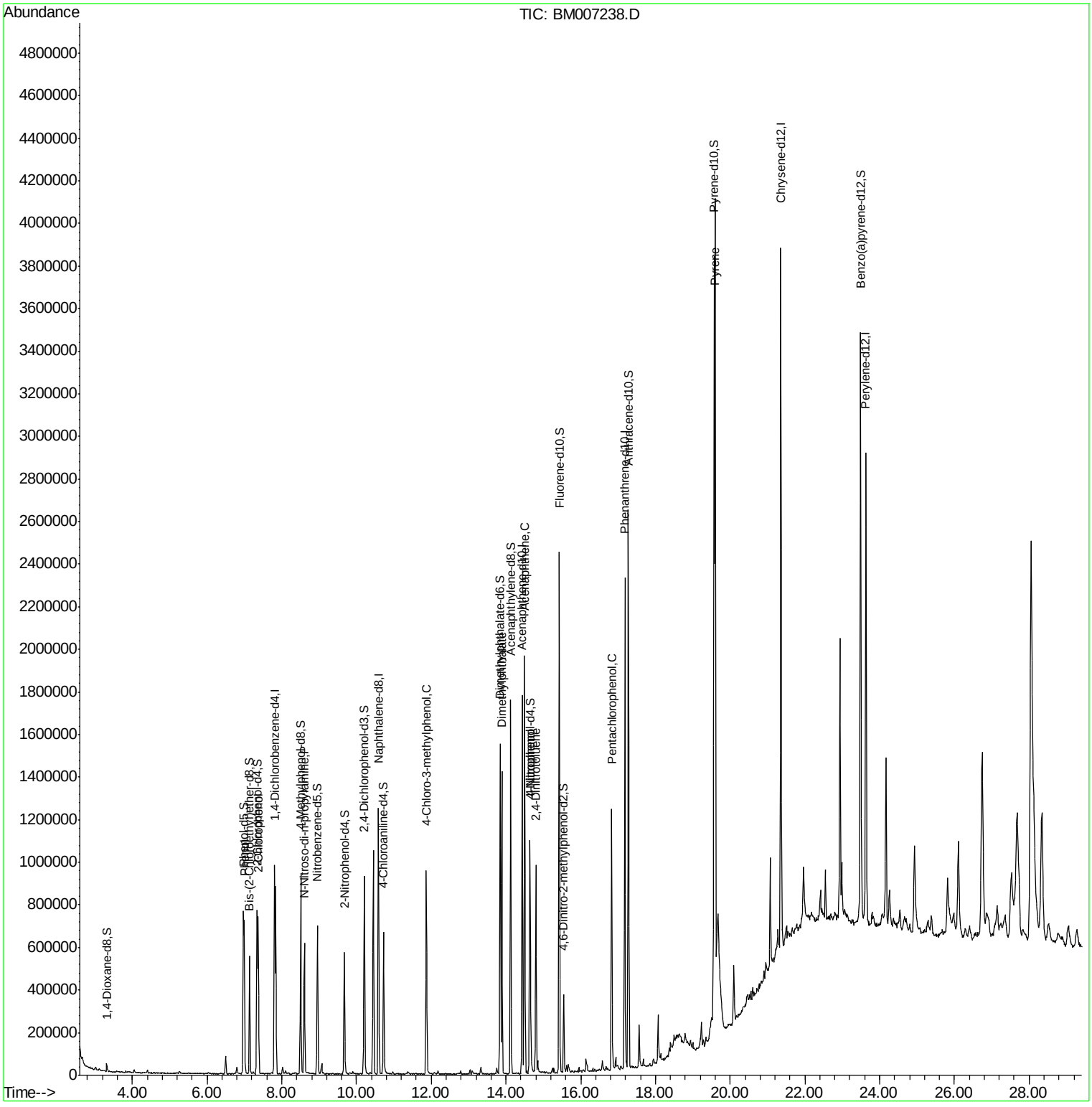
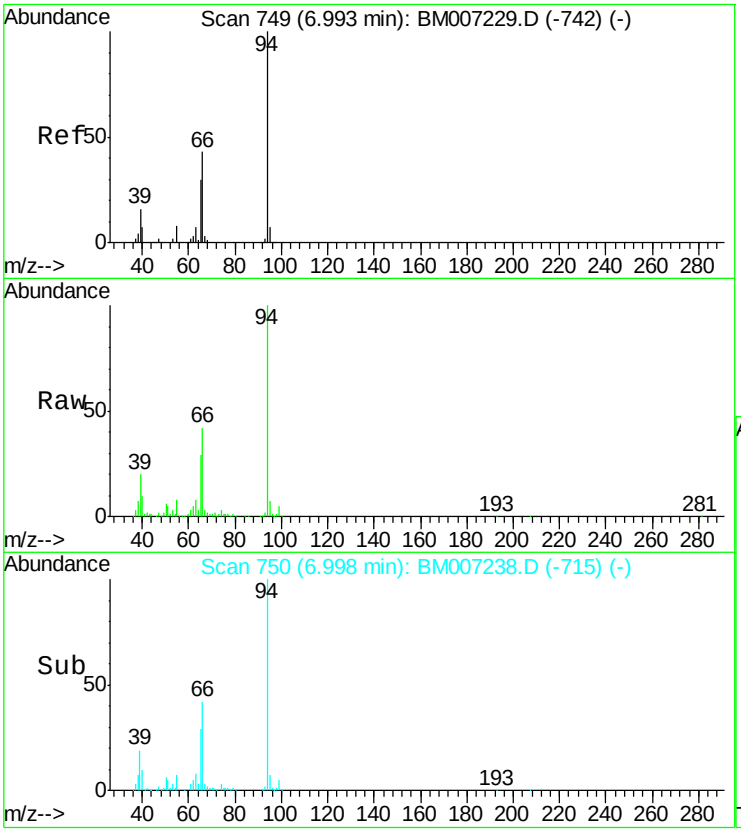


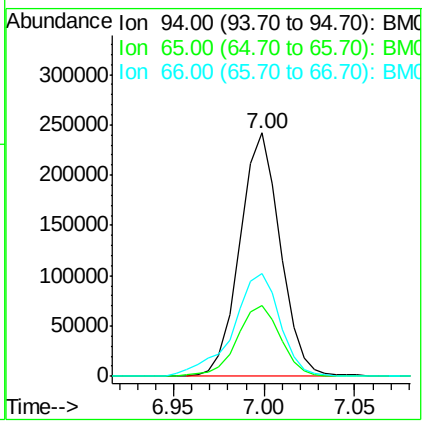


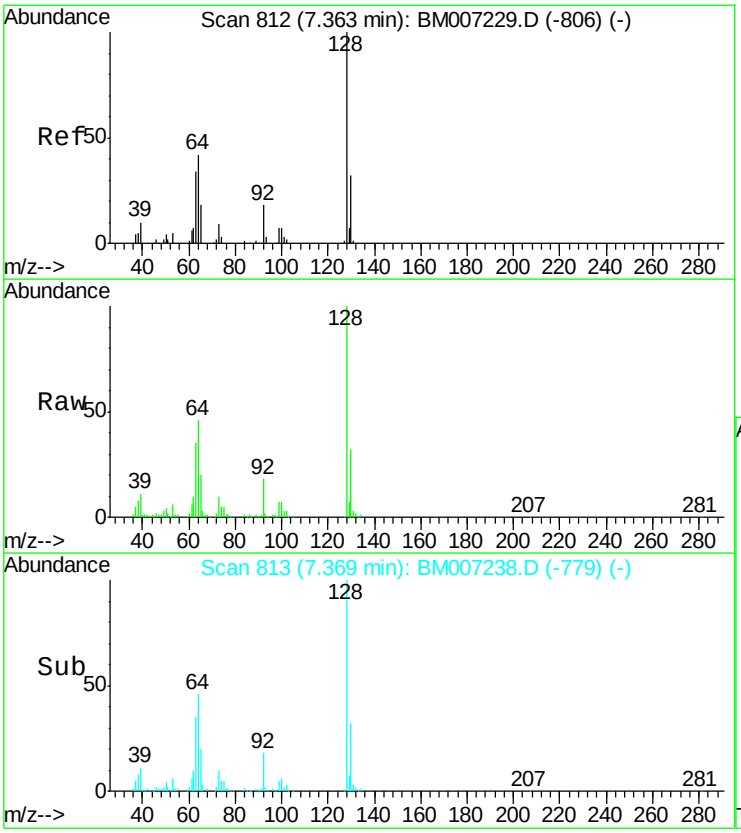
#6
Phenol
Concen: 17.08 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. 0.01 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Instrument :
BNA_M
ClientSampleId :
DA215MS

Tgt Ion: 94 Resp: 375521

Ion	Ratio	Lower	Upper
94	100		
65	29.1	23.9	35.9
66	42.2	33.5	50.3

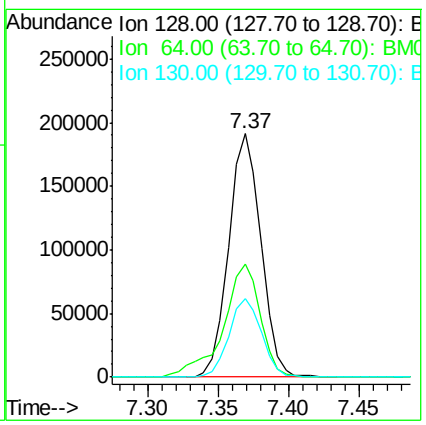


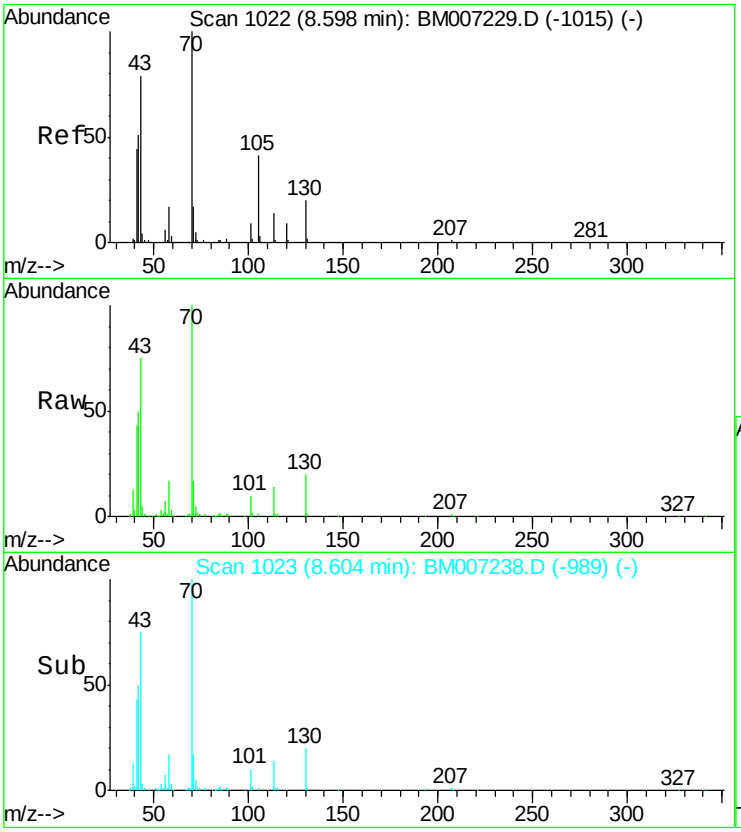


#10
2-Chlorophenol
Concen: 17.85 ng/ul
RT: 7.37 min Scan# 813
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Tgt Ion:128 Resp: 303530

Ion	Ratio	Lower	Upper
128	100		
64	46.5	37.5	56.3
130	32.4	25.0	37.4



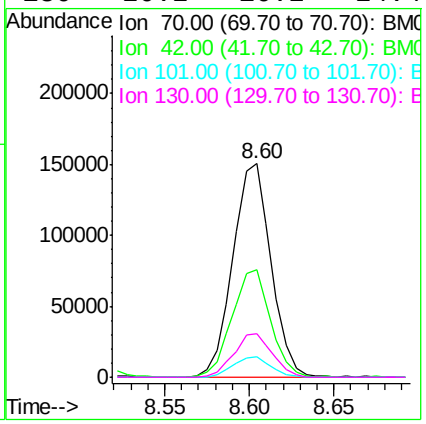


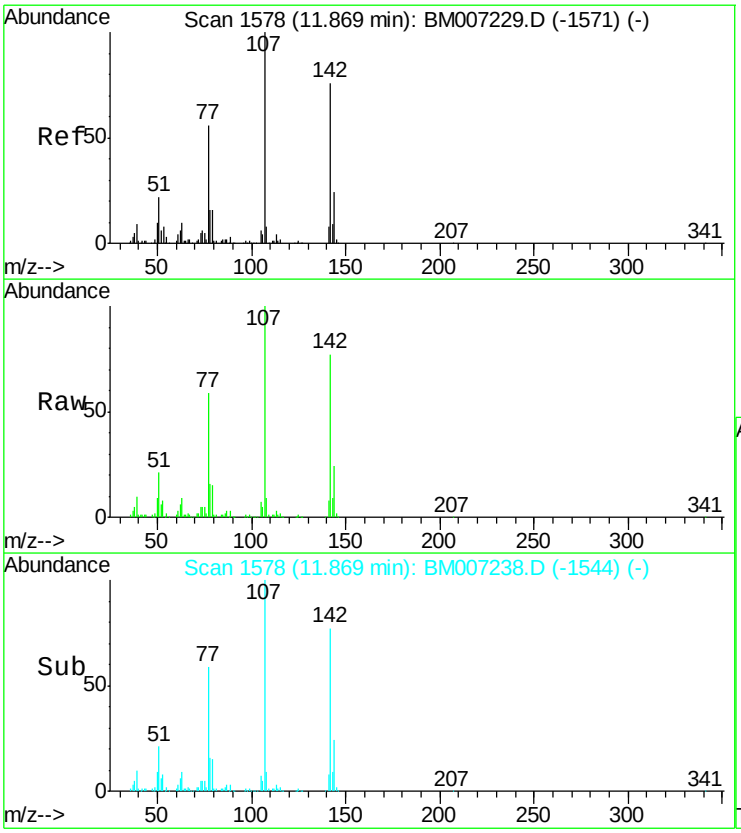
#15
N-Nitroso-di-n-propylamine
Concen: 17.24 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Instrument :
BNA_M
ClientSampleId :
DA215MS

Tgt Ion: 70 Resp: 237312

Ion	Ratio	Lower	Upper
70	100		
42	50.4	43.4	65.2
101	9.8	7.8	11.6
130	20.2	16.2	24.4

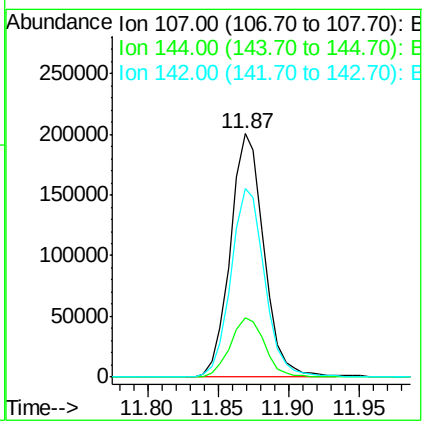


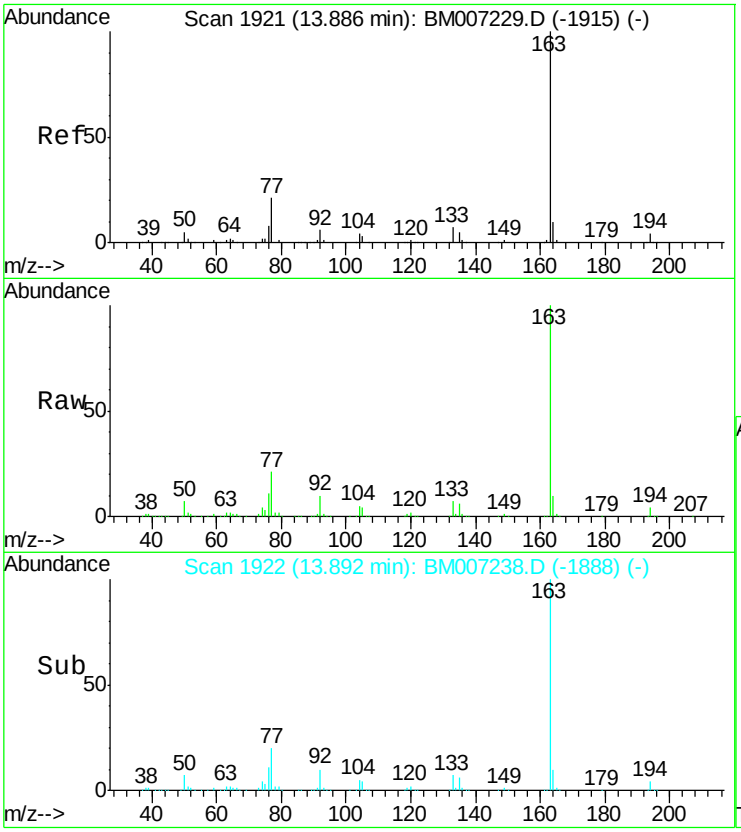


#33
4-Chloro-3-methylphenol
Concen: 18.25 ng/ul
RT: 11.87 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Tgt Ion:107 Resp: 332289

Ion	Ratio	Lower	Upper
107	100		
144	24.4	21.1	31.7
142	77.2	64.1	96.1



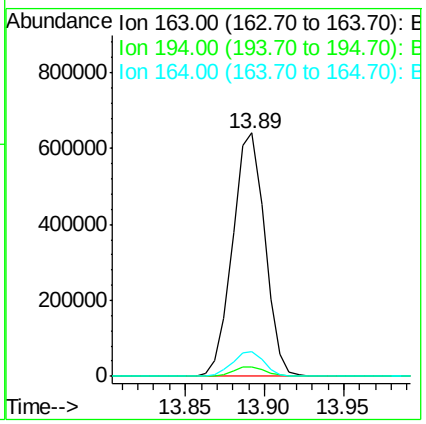


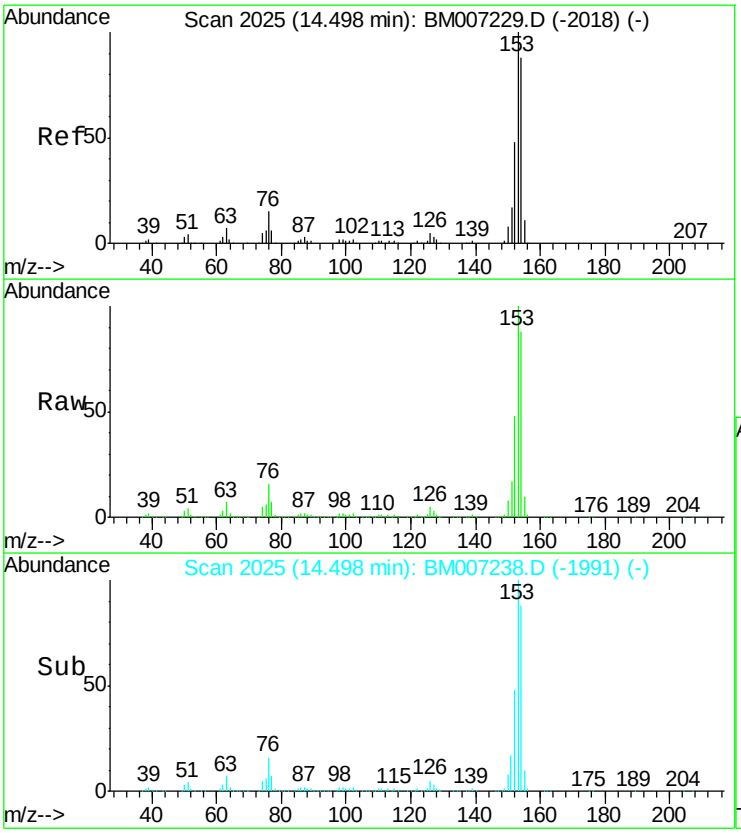
#44
Dimethylphthalate
Concen: 18.62 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Instrument :
BNA_M
ClientSampleId :
DA215MS

Tgt Ion:163 Resp: 902580

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	7.8	11.8

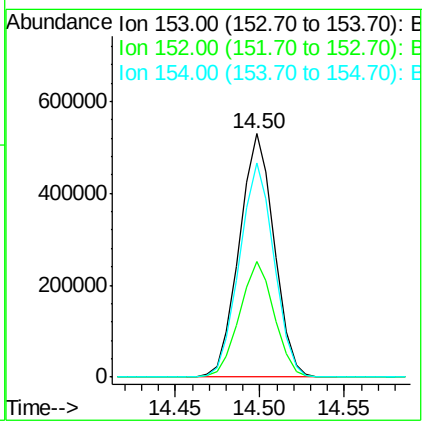


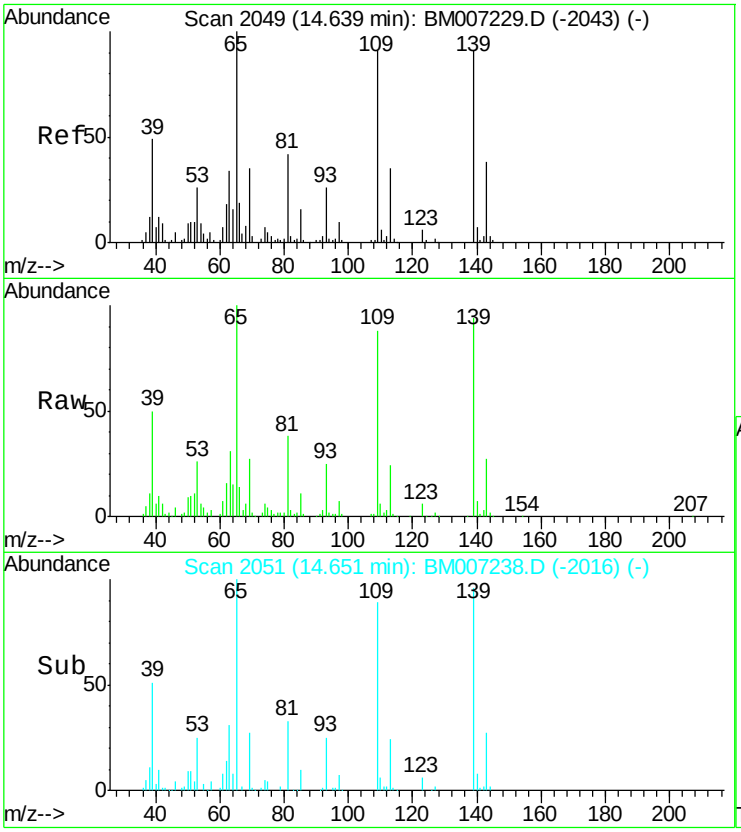


#49
Acenaphthene
Concen: 19.58 ng/ul
RT: 14.50 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Tgt Ion:153 Resp: 762493

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.8	56.6
154	87.8	71.4	107.0



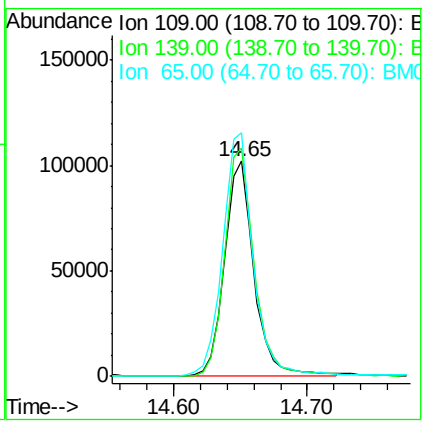


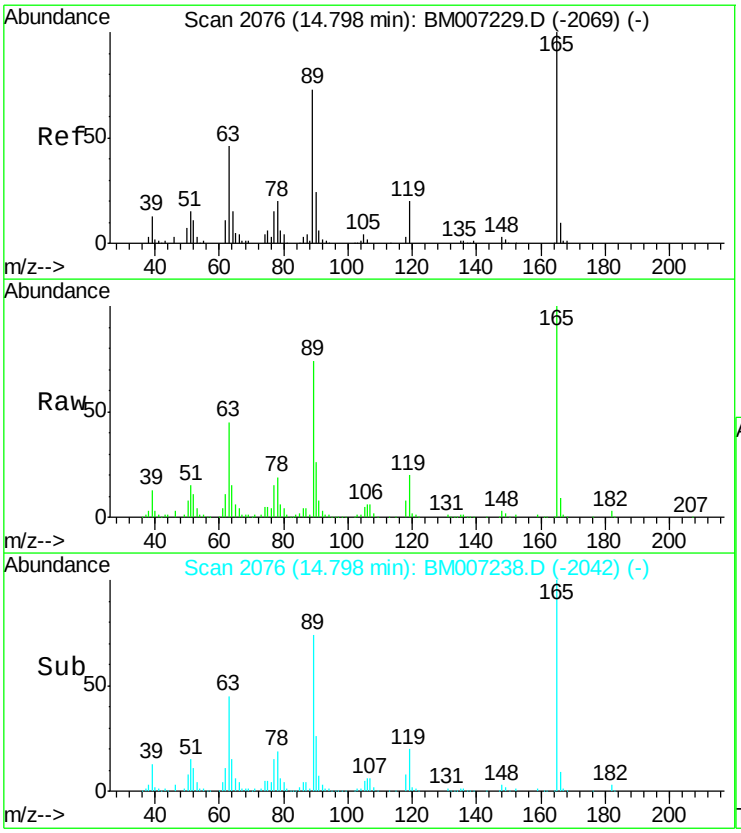
#52
4-Nitrophenol
Concen: 17.89 ng/ul
RT: 14.65 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Instrument :
BNA_M
ClientSampleId :
DA215MS

Tgt Ion:109 Resp: 158106

Ion	Ratio	Lower	Upper
109	100		
139	106.5	88.7	133.1
65	113.3	96.4	144.6

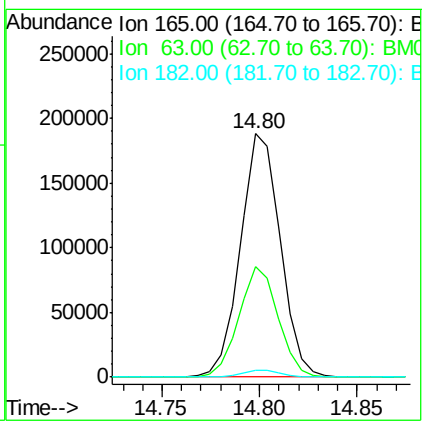


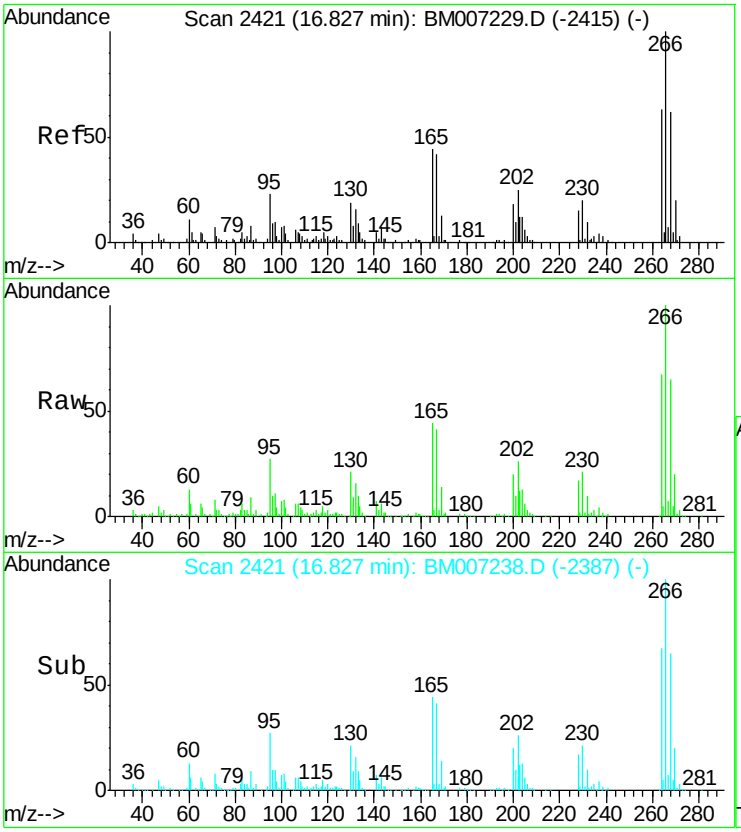


#54
2,4-Dinitrotoluene
Concen: 19.15 ng/ul
RT: 14.80 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Tgt Ion:165 Resp: 266259

Ion	Ratio	Lower	Upper
165	100		
63	45.1	36.2	54.2
182	3.1	2.2	3.4



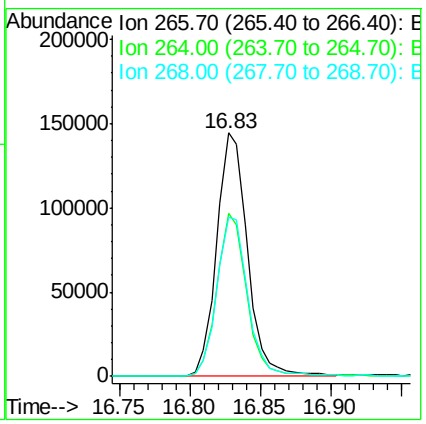


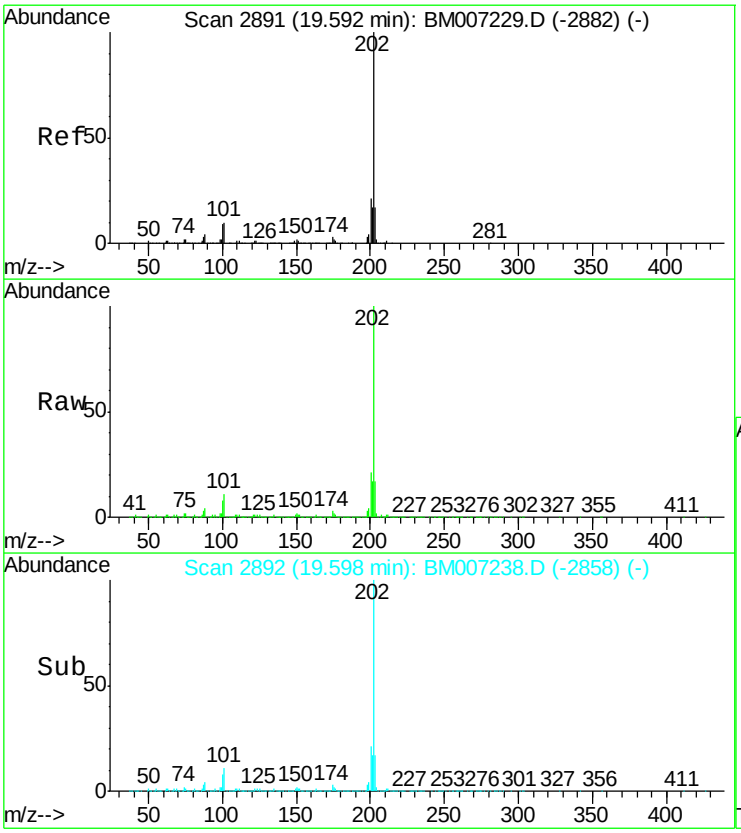
#68
Pentachlorophenol
Concen: 20.32 ng/ul
RT: 16.83 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Instrument :
BNA_M
ClientSampleId :
DA215MS

Tgt Ion:266 Resp: 219458

Ion	Ratio	Lower	Upper
266	100		
264	66.8	50.6	75.8
268	65.1	51.0	76.6





#77
Pyrene
Concen: 24.15 ng/ul
RT: 19.60 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BM007238.D
Acq: 19 Aug 2016 15:41

Tgt Ion:202 Resp: 2187979

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
100	8.4	6.9	10.3