Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012239.D
Acq On : 17 Oct 2017 05:22
Operator : SJ/JU
Sample : I5697-06MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA3MSD

Quant Time: Oct 17 05:59:27 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 02:52:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	168753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	708726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	447231	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	981420	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	858748	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	875328	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	21241	5.98	ng/uL	0.00
5) Phenol-d5	6.97	99	486943	35.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	267473	32.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	449270	38.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	441681	37.47	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	225210	41.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	267398	42.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	512891	42.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	605724	53.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1653841	41.84	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	2017139	42.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	210502	35.42	ng/ul	0.00
57) Fluorene-d10	15.44	176	1401922	43.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	117679	17.47	ng/ul	0.01
70) Anthracene-d10	17.30	188	2118878	43.66	ng/ul	0.00
76) Pyrene-d10	19.60	212	2088401	47.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1835890	43.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	660359	46.655	ng/ul	99
10) 2-Chlorophenol	7.36	128	489614	41.306	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	299969	31.241	ng/ul	98
33) 4-Chloro-3-methylphenol	11.90	107	544574	43.732	ng/ul	98
44) Dimethylphthalate	13.90	163	646687	16.330	ng/ul	99
49) Acenaphthene	14.52	153	1183345	37.391	ng/ul	99
52) 4-Nitrophenol	14.70	109	207791	38.909	ng/ul	93
54) 2,4-Dinitrotoluene	14.84	165	433944	38.090	ng/ul#	82
68) Pentachlorophenol	16.86	266	319149	42.996	ng/ul	95
77) Pyrene	19.63	202	2344169	41.334	ng/ul	99

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

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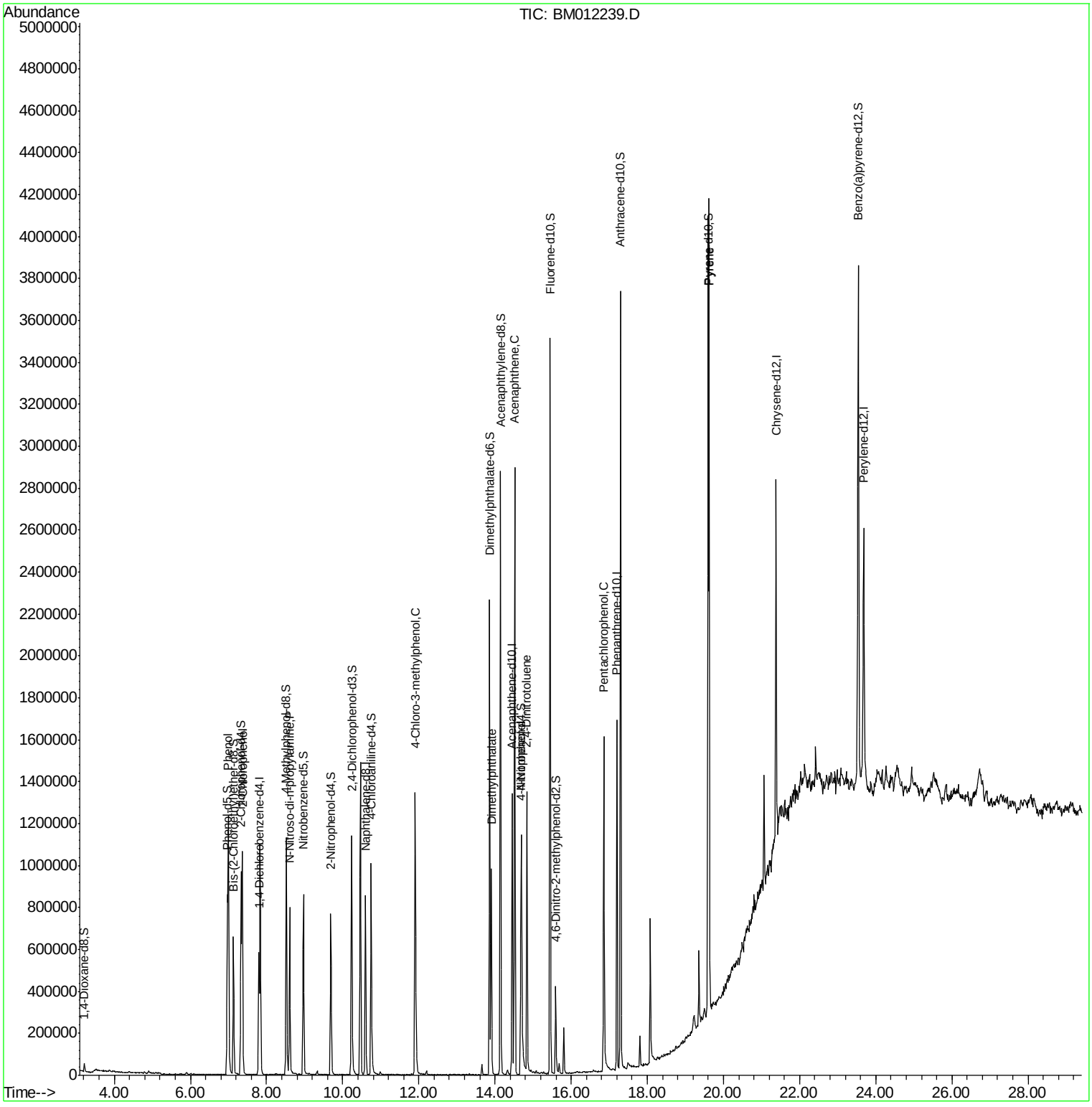
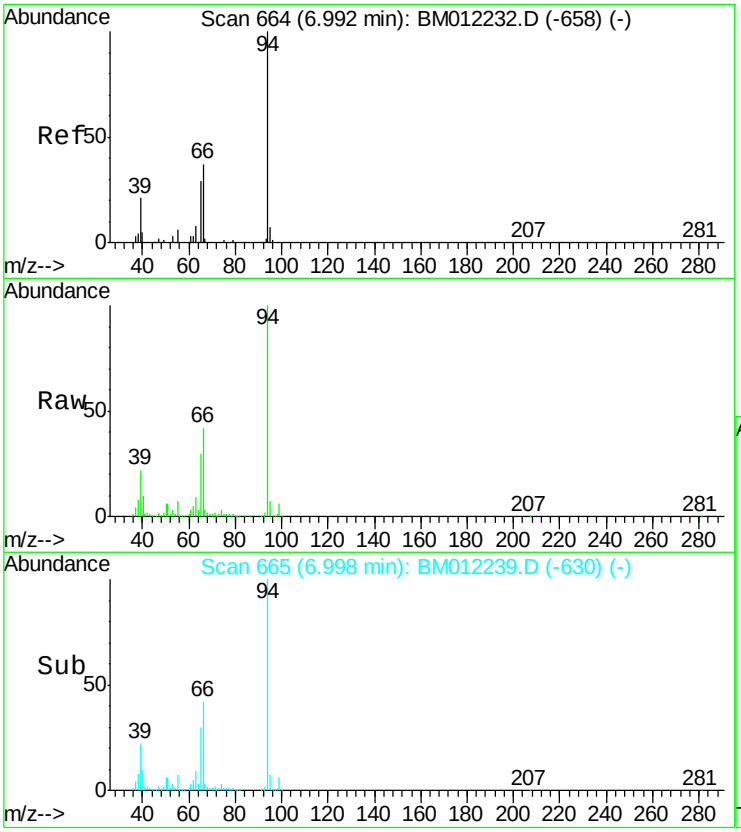


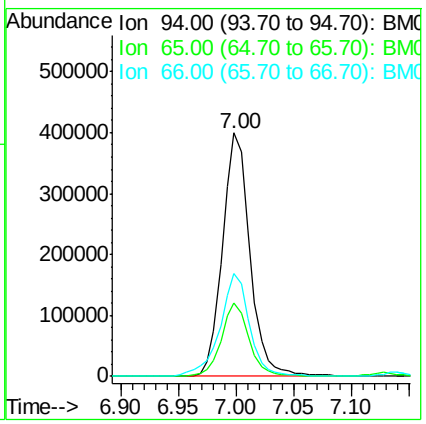


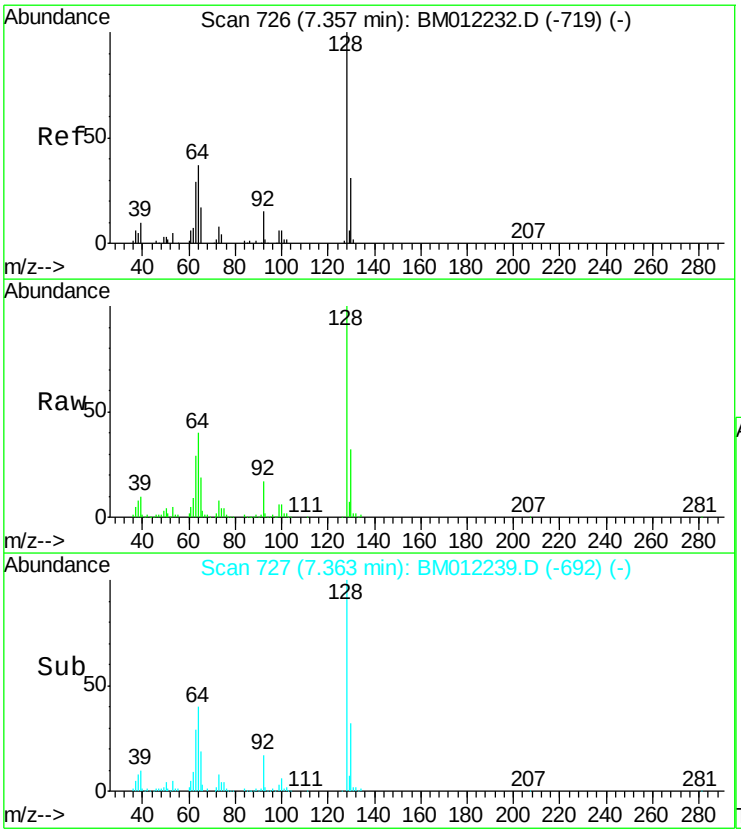
#6
Phenol
Concen: 46.655 ng/ul
RT: 7.00 min Scan# 665
Delta R.T. 0.01 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Instrument :
BNA_M
ClientSampleId :
H0AA3MSD

Tgt Ion: 94 Resp: 660359

Ion	Ratio	Lower	Upper
94	100		
65	30.4	24.4	36.6
66	42.4	35.0	52.4

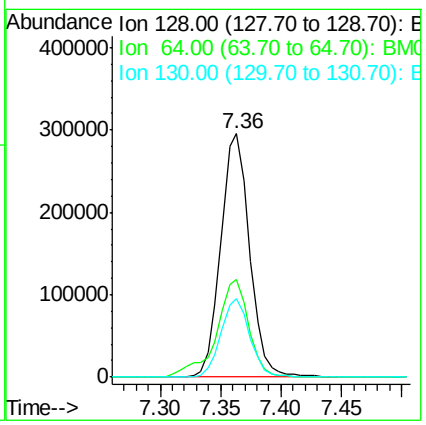


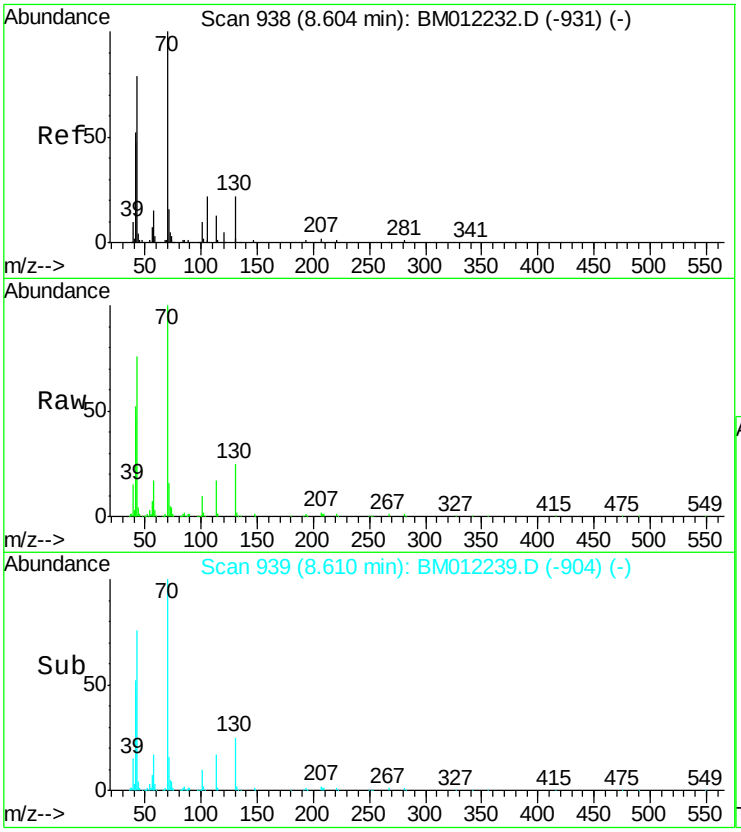


#10
2-Chlorophenol
Concen: 41.306 ng/ul
RT: 7.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Tgt Ion:128 Resp: 489614

Ion	Ratio	Lower	Upper
128	100		
64	39.9	32.7	49.1
130	32.5	26.2	39.4



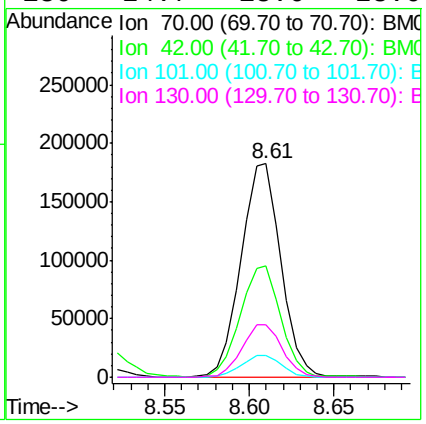


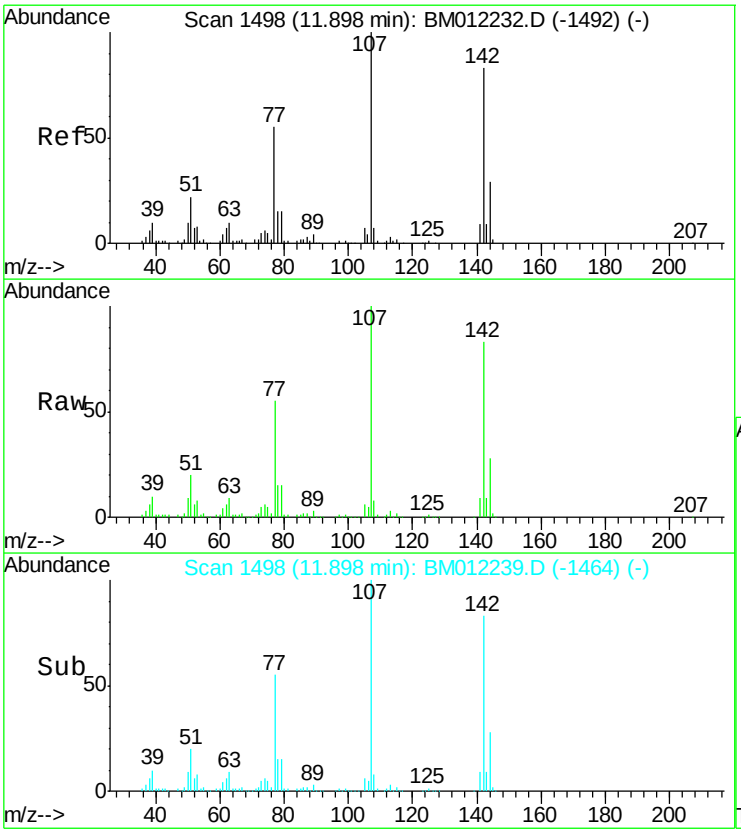
#15
N-Nitroso-di-n-propylamine
Concen: 31.241 ng/ul
RT: 8.61 min Scan# 939
Delta R.T. 0.01 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Instrument :
BNA_M
ClientSampleId :
H0AA3MSD

Tgt Ion: 70 Resp: 299969

Ion	Ratio	Lower	Upper
70	100		
42	51.9	43.0	64.4
101	10.2	8.2	12.2
130	24.7	18.6	28.0

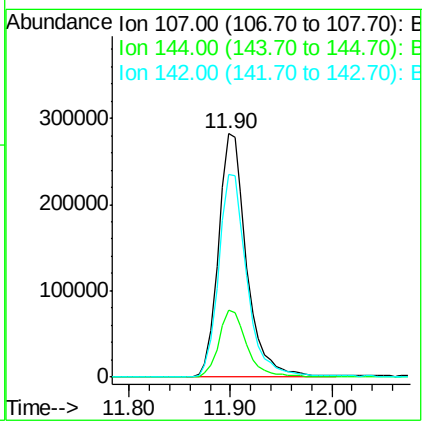


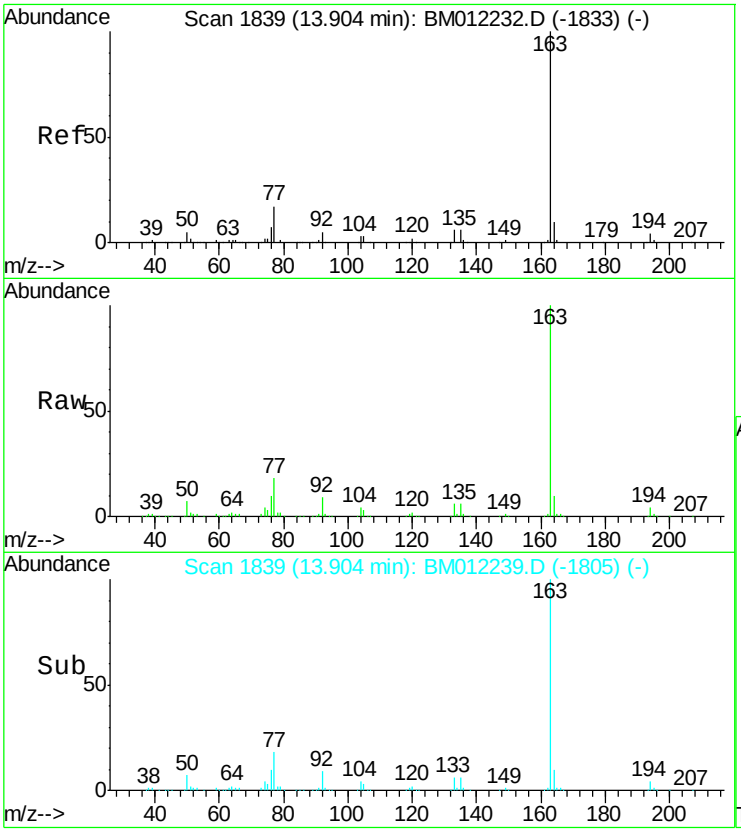


#33
4-Chloro-3-methylphenol
Concen: 43.732 ng/ul
RT: 11.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Tgt Ion:107 Resp: 544574

Ion	Ratio	Lower	Upper
107	100		
144	27.6	21.2	31.8
142	83.3	65.3	97.9



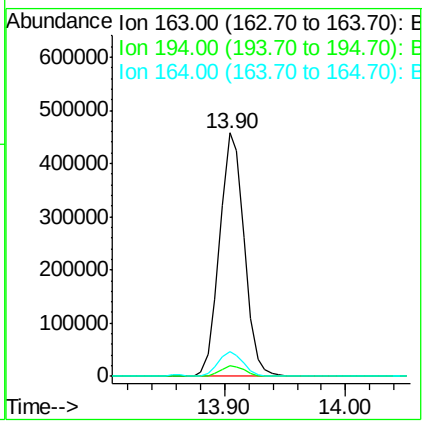


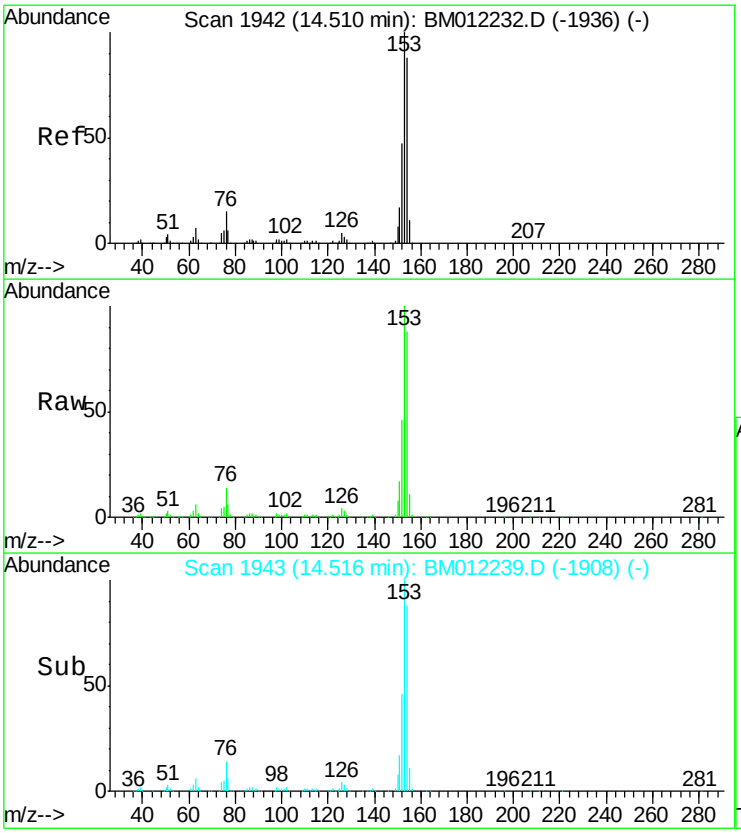
#44
Dimethylphthalate
Concen: 16.330 ng/ul
RT: 13.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Instrument :
BNA_M
ClientSampleId :
H0AA3MSD

Tgt Ion:163 Resp: 646687

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	9.9	8.1	12.1

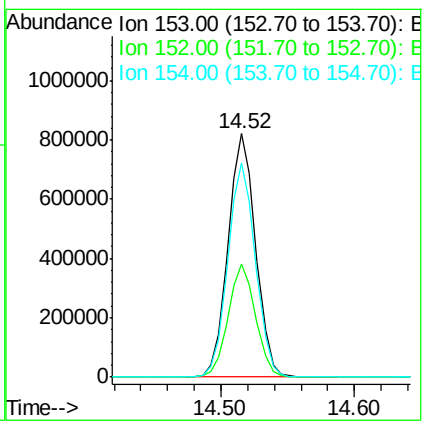


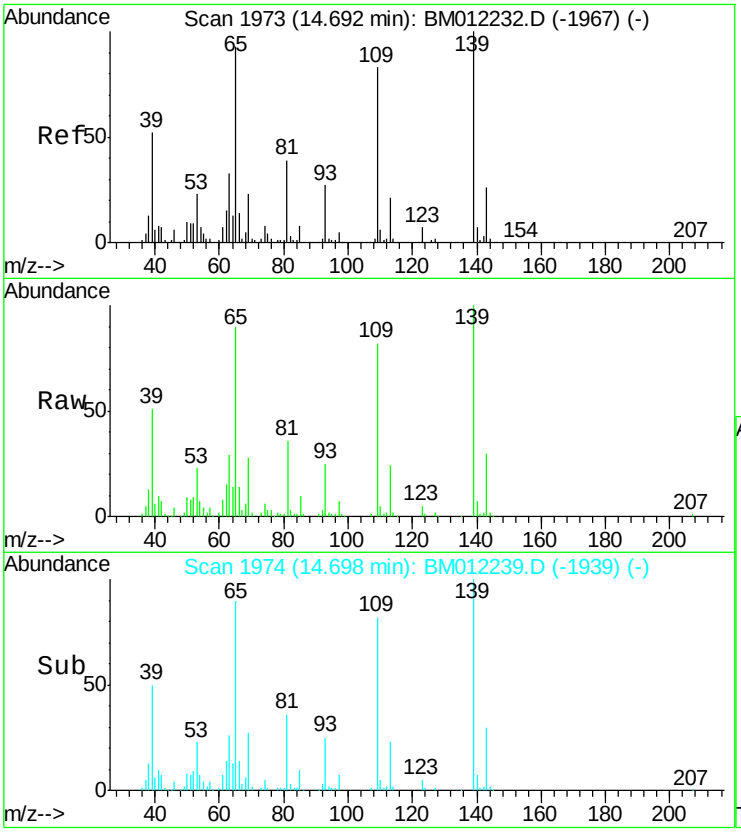


#49
Acenaphthene
Concen: 37.391 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Tgt Ion:153 Resp: 1183345

Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.4	56.0
154	87.9	71.1	106.7



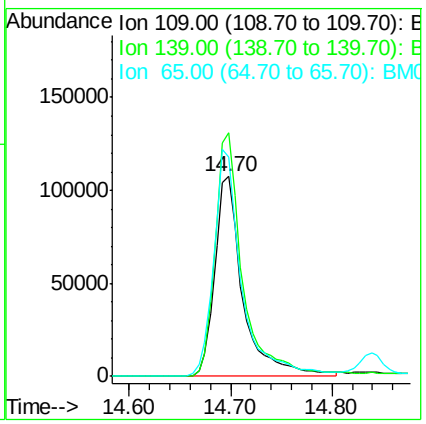


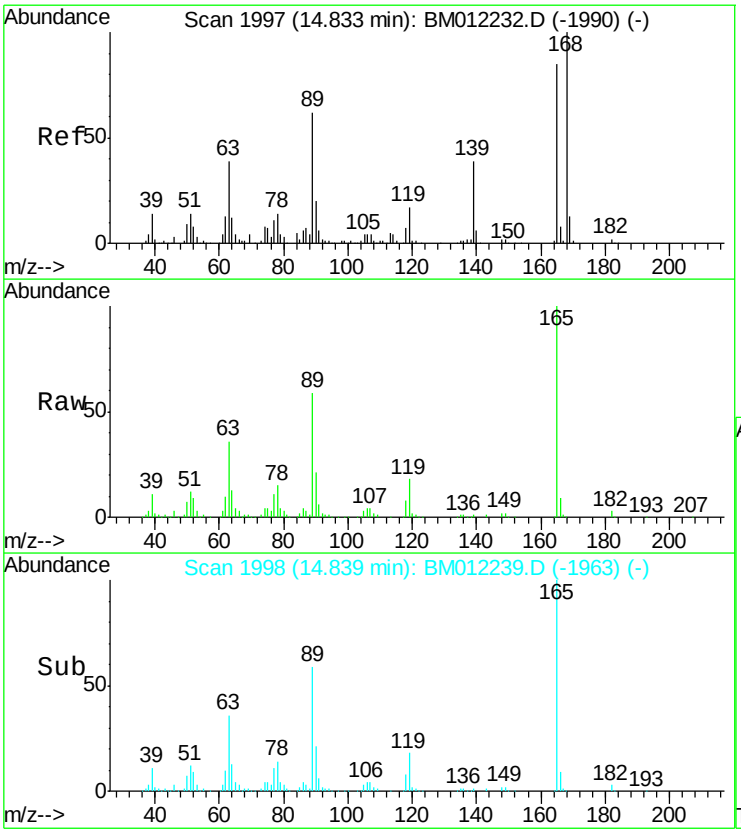
#52
4-Nitrophenol
Concen: 38.909 ng/ul
RT: 14.70 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Instrument :
BNA_M
ClientSampleId :
H0AA3MSD

Tgt Ion:109 Resp: 207791

Ion	Ratio	Lower	Upper
109	100		
139	121.8	90.6	135.8
65	109.5	93.1	139.7

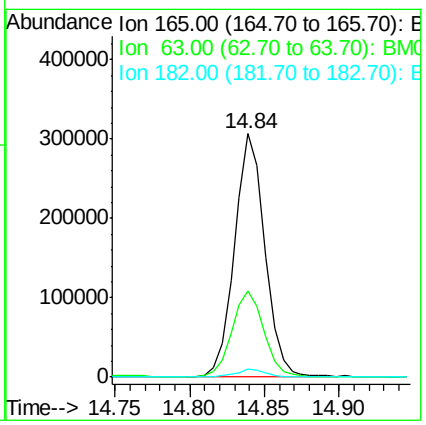


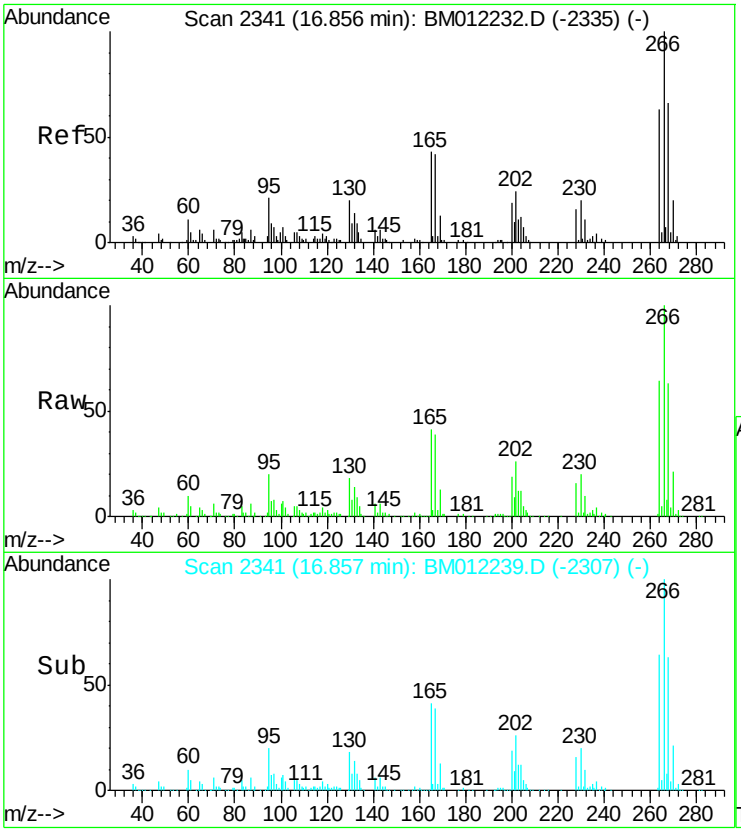


#54
2,4-Dinitrotoluene
Concen: 38.090 ng/ul
RT: 14.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Tgt Ion:165 Resp: 433944

Ion	Ratio	Lower	Upper
165	100		
63	35.6	38.7	58.1#
182	3.3	2.6	3.8



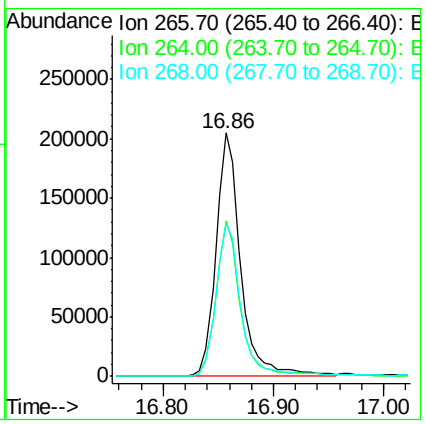


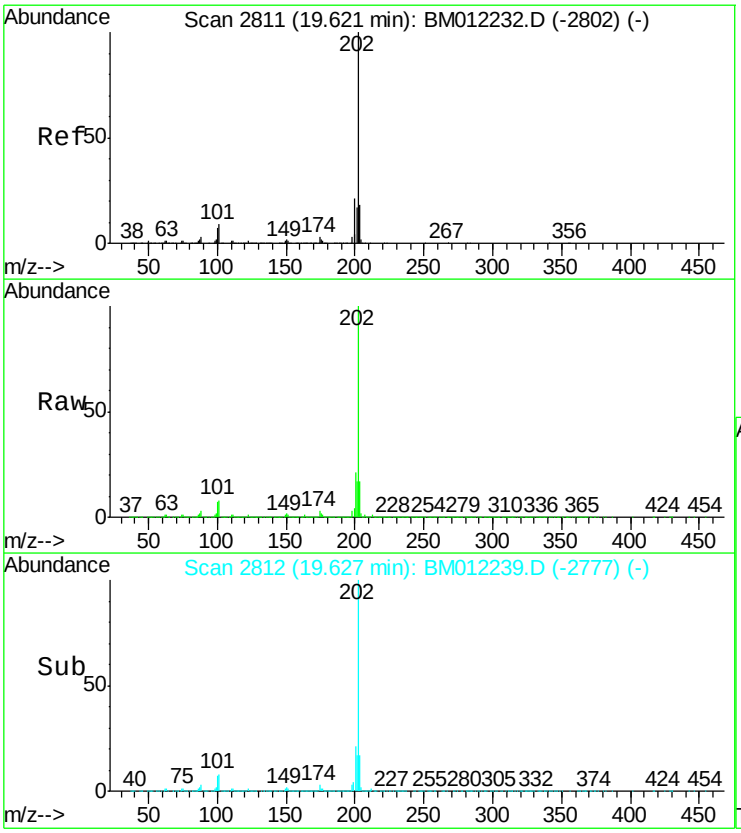
#68
Pentachlorophenol
Concen: 42.996 ng/ul
RT: 16.86 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Instrument :
BNA_M
ClientSampleId :
H0AA3MSD

Tgt Ion:266 Resp: 319149

Ion	Ratio	Lower	Upper
266	100		
264	63.8	47.3	70.9
268	62.5	52.3	78.5





#77
Pyrene
Concen: 41.334 ng/ul
RT: 19.63 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BM012239.D
Acq: 17 Oct 2017 05:22

Tgt Ion:202 Resp: 2344169

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.5	9.7
100	7.1	5.6	8.4