Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
Data File : BM012270.D
Acq On : 18 Oct 2017 04:10
Operator : SJ/JU
Sample : I5664-11MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B75MS

Quant Time: Oct 18 08:23:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 08:12:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	177177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	726585	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	433652	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	914770	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	740339	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	769575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	18219	4.89	ng/uL	0.00
5) Phenol-d5	6.96	99	688352	47.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	388446	45.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	566953	46.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	417056	33.70	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	195945	35.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	240589	37.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	467059	37.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	503788	43.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1389361	36.25	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1695348	36.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	157594	27.35	ng/ul	0.00
57) Fluorene-d10	15.43	176	1156537	36.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	146263	23.30	ng/ul	0.00
70) Anthracene-d10	17.29	188	1666065	36.83	ng/ul	0.00
76) Pyrene-d10	19.58	212	1925552	51.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1372973	37.01	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	866680	58.320	ng/ul	99
10) 2-Chlorophenol	7.35	128	599131	48.143	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.59	70	260829	25.873	ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	465883	36.493	ng/ul	98
44) Dimethylphthalate	13.89	163	894298	23.290	ng/ul	99
49) Acenaphthene	14.50	153	978735	31.894	ng/ul	100
52) 4-Nitrophenol	14.68	109	147392	28.463	ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	324868	29.408	ng/ul#	86
68) Pentachlorophenol	16.84	266	248348	35.895	ng/ul	97
77) Pyrene	19.61	202	2105664	43.067	ng/ul#	95

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

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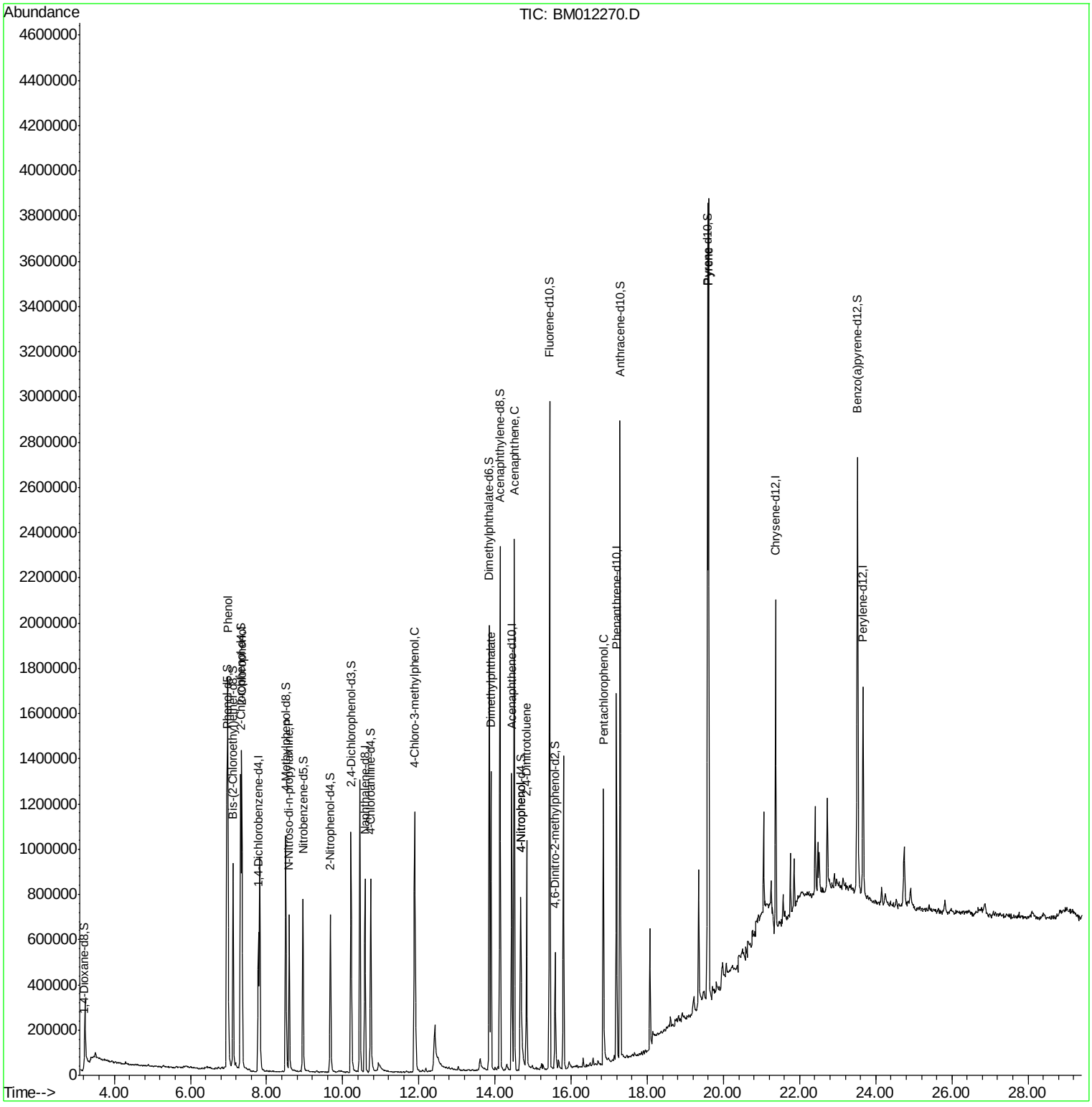
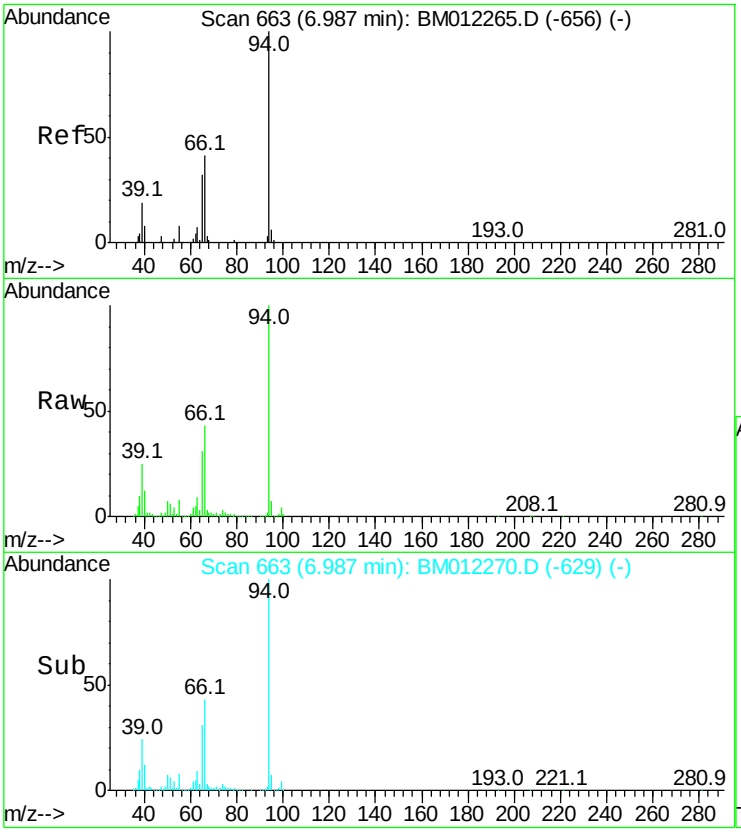


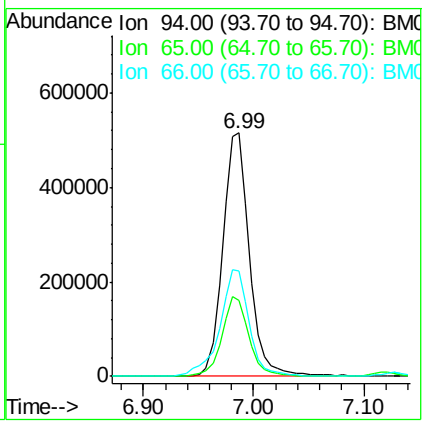


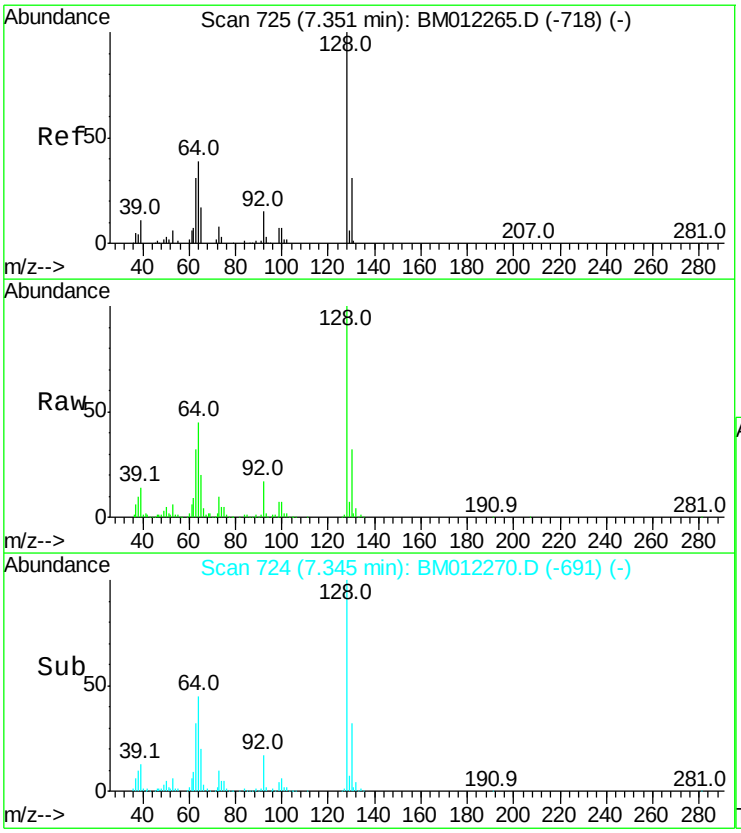
#6
Phenol
Concen: 58.320 ng/ul
RT: 6.99 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :
C0B75MS

Tgt Ion: 94 Resp: 866680

Ion	Ratio	Lower	Upper
94	100		
65	31.2	24.4	36.6
66	43.1	35.0	52.4

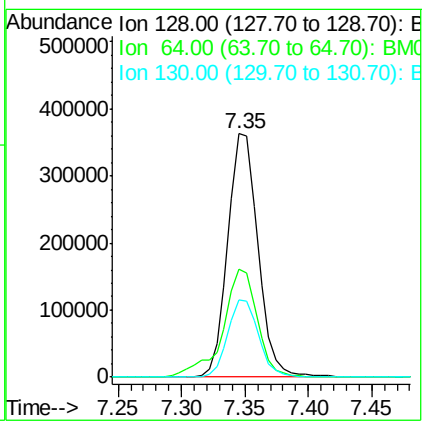


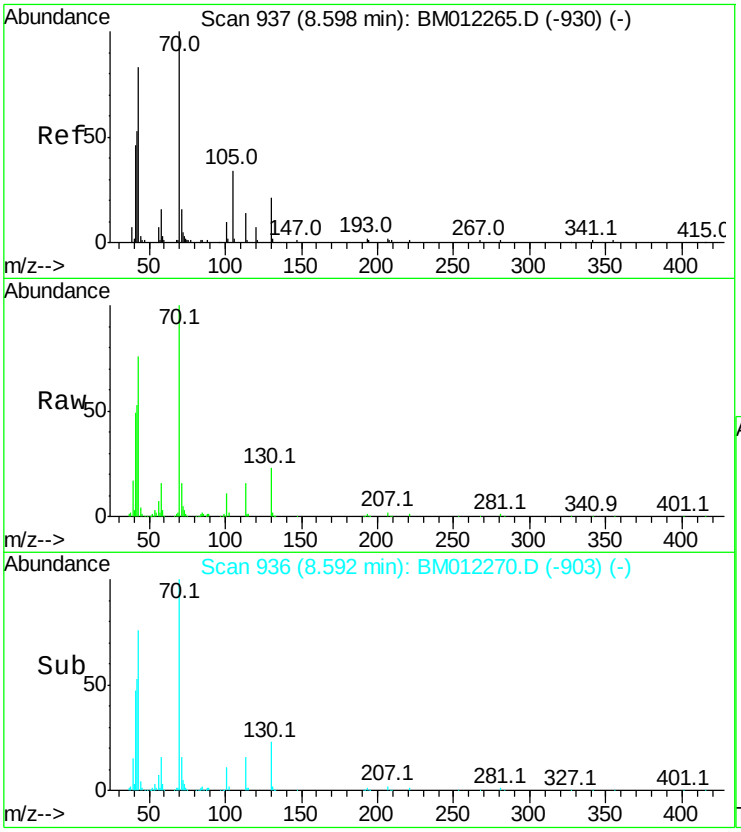


#10
2-Chlorophenol
Concen: 48.143 ng/ul
RT: 7.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Tgt Ion:128 Resp: 599131

Ion	Ratio	Lower	Upper
128	100		
64	44.6	32.7	49.1
130	31.5	26.2	39.4



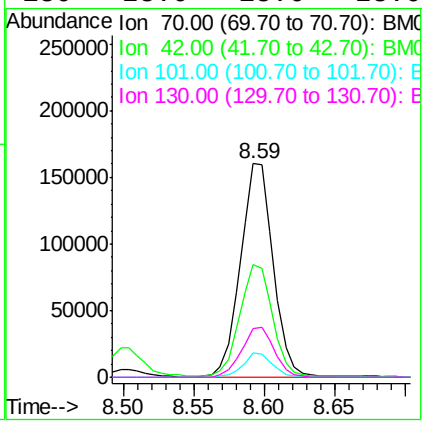


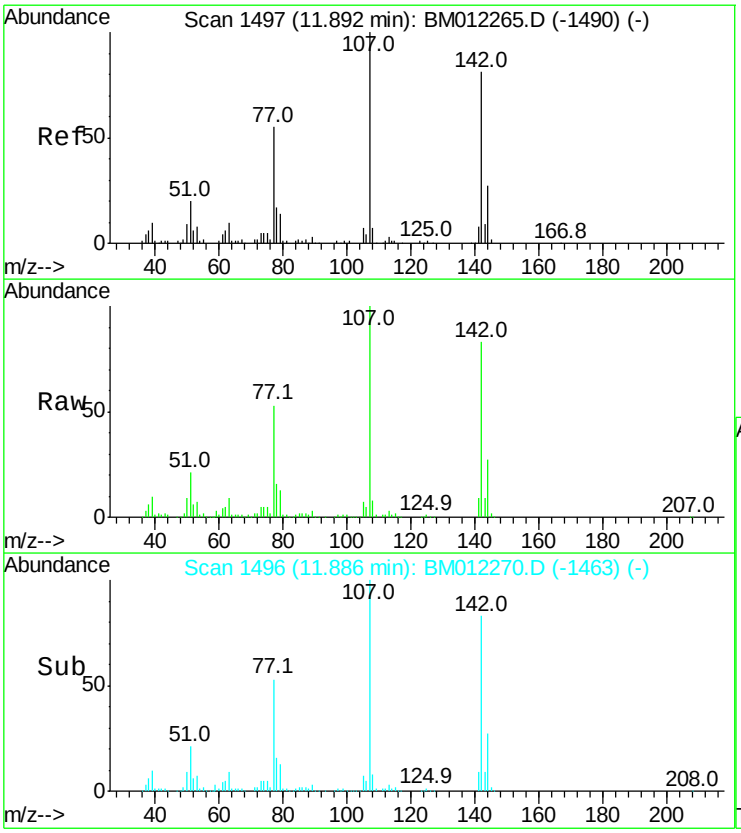
#15
N-Nitroso-di-n-propylamine
Concen: 25.873 ng/ul
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :
C0B75MS

Tgt Ion: 70 Resp: 260829

Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.0	64.4
101	11.4	8.2	12.2
130	23.0	18.6	28.0

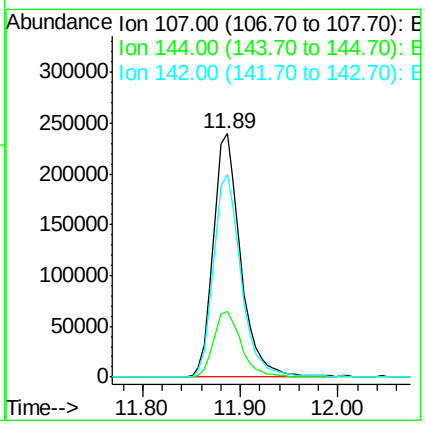


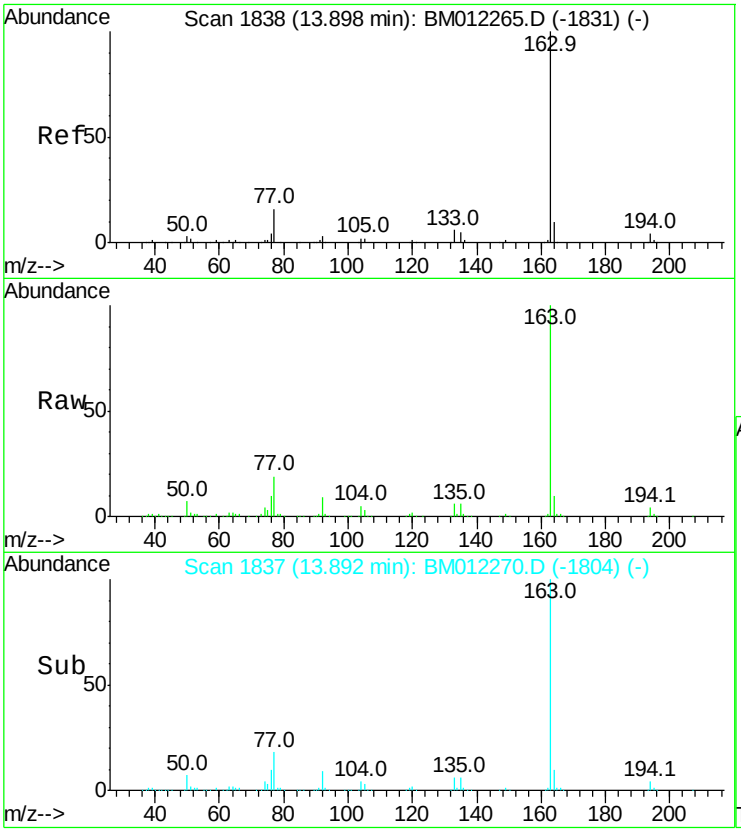


#33
4-Chloro-3-methylphenol
Concen: 36.493 ng/ul
RT: 11.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Tgt Ion:107 Resp: 465883

Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.2	31.8
142	83.4	65.3	97.9



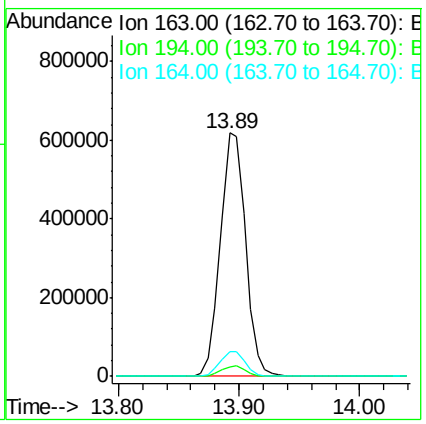


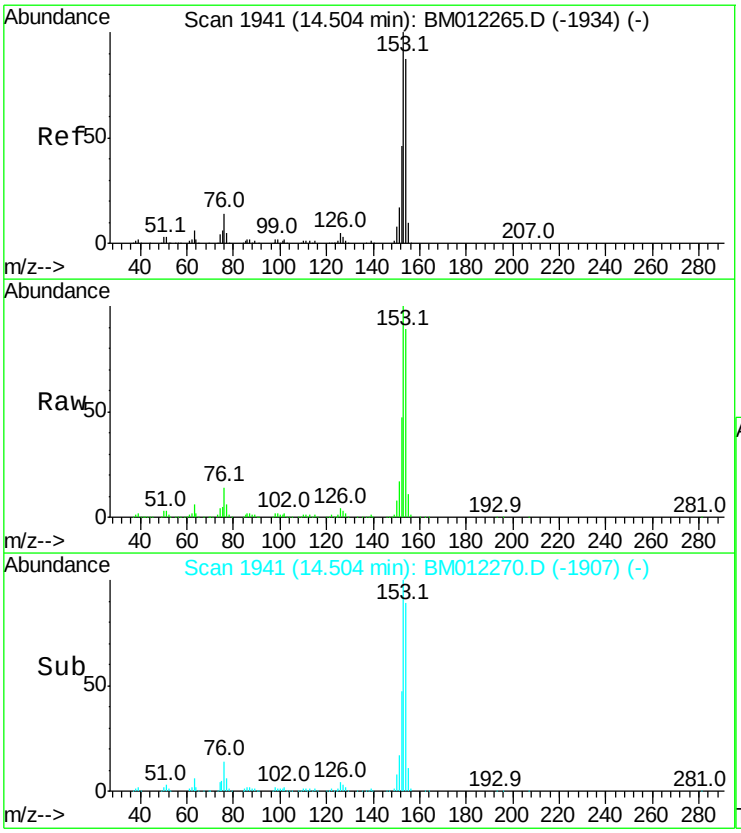
#44
Dimethylphthalate
Concen: 23.290 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :
C0B75MS

Tgt Ion:163 Resp: 894298

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	10.0	8.1	12.1

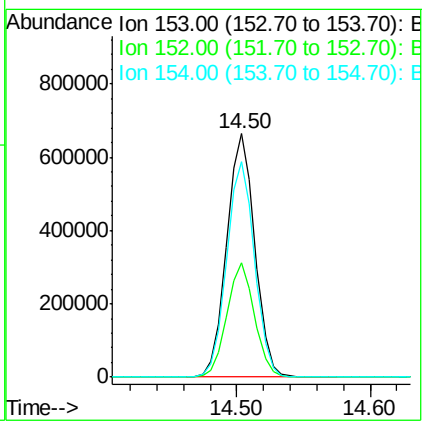


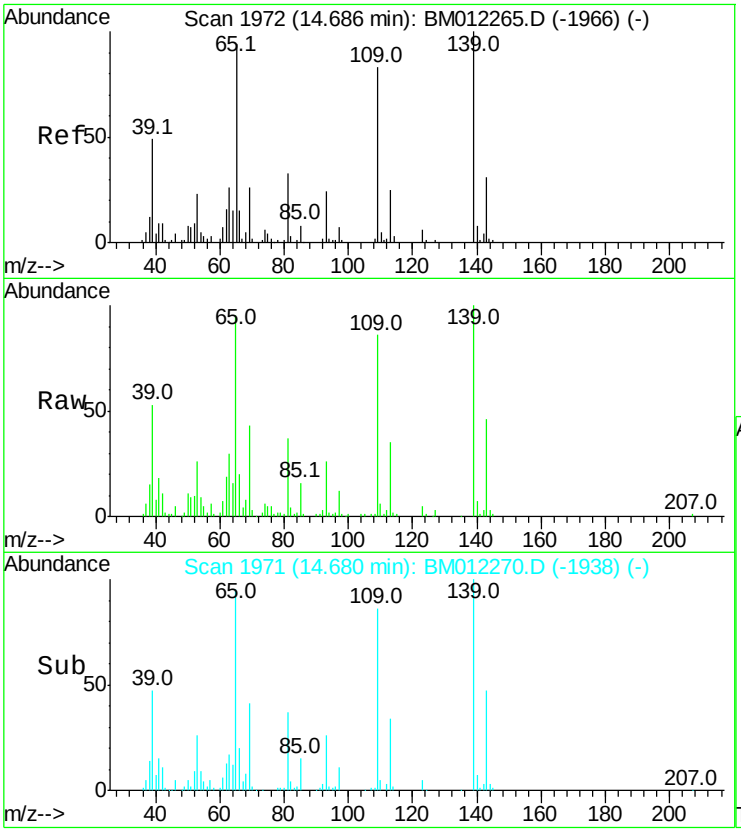


#49
Acenaphthene
Concen: 31.894 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Tgt Ion:153 Resp: 978735

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.4	56.0
154	88.5	71.1	106.7



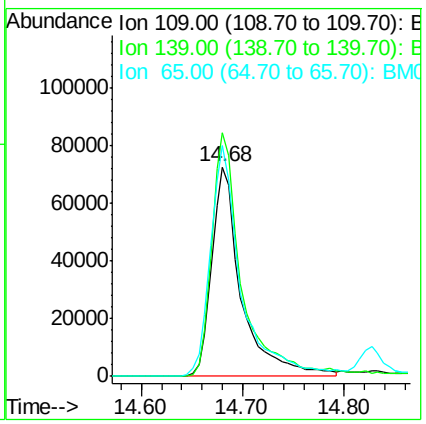


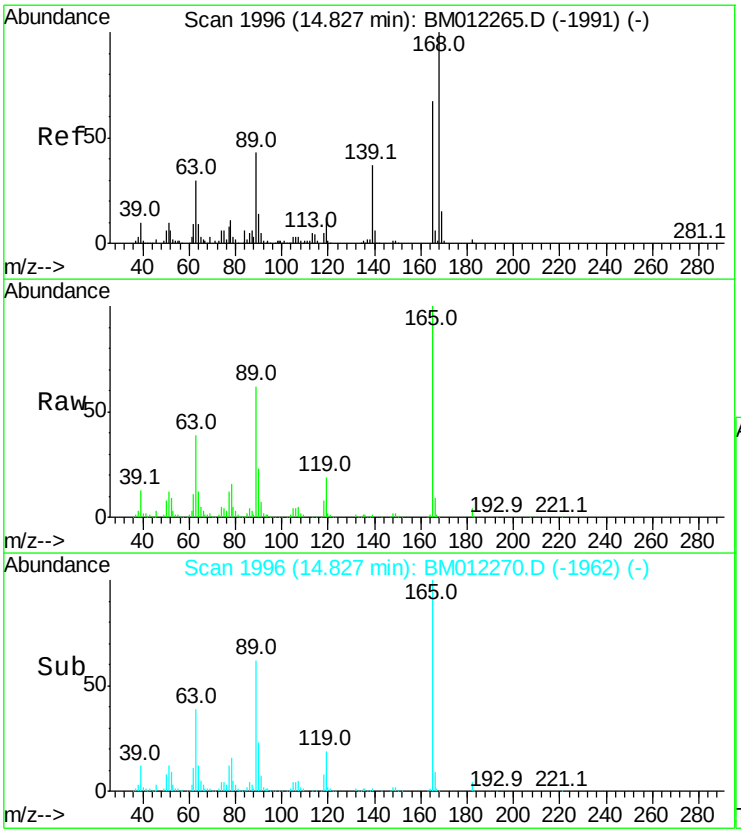
#52
4-Nitrophenol
Concen: 28.463 ng/ul
RT: 14.68 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :
C0B75MS

Tgt Ion:109 Resp: 147392

Ion	Ratio	Lower	Upper
109	100		
139	116.4	90.6	135.8
65	110.5	93.1	139.7

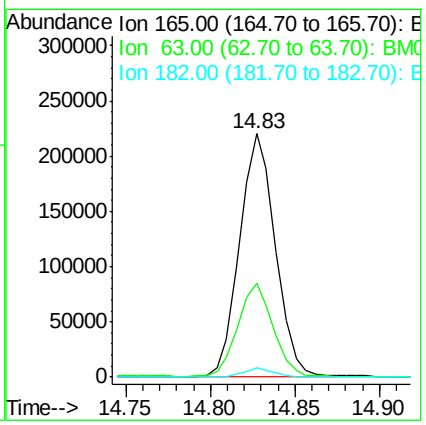


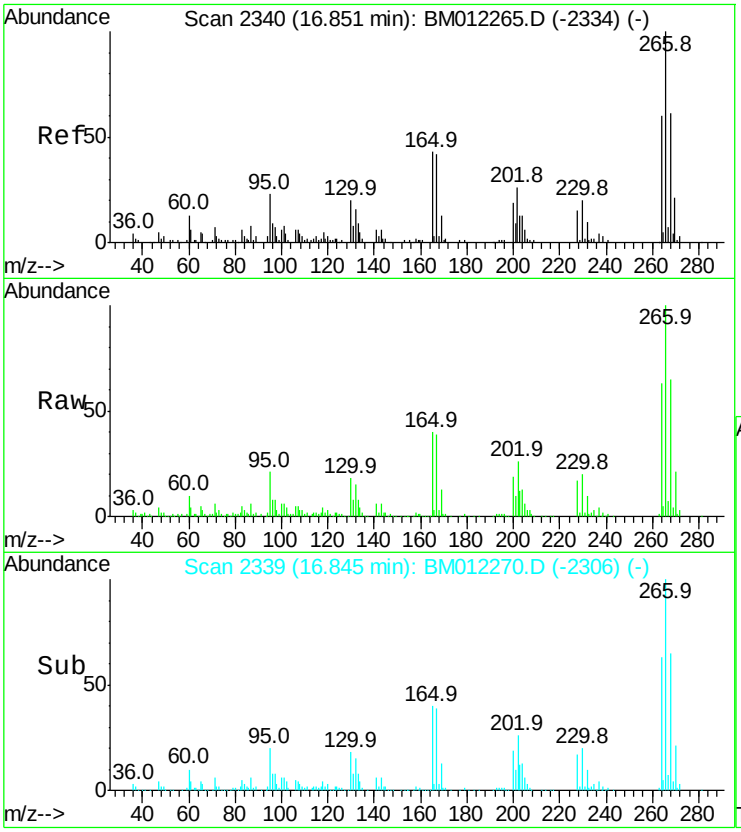


#54
2,4-Dinitrotoluene
Concen: 29.408 ng/ul
RT: 14.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Tgt Ion:165 Resp: 324868

Ion	Ratio	Lower	Upper
165	100		
63	38.6	38.7	58.1#
182	3.8	2.6	3.8



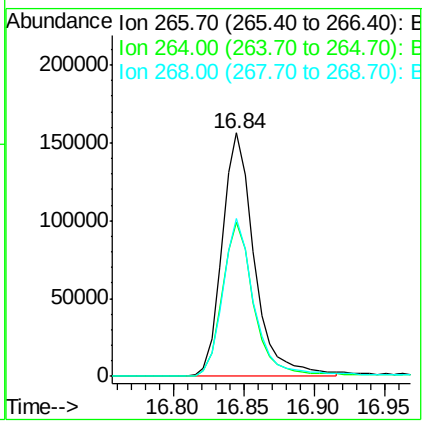


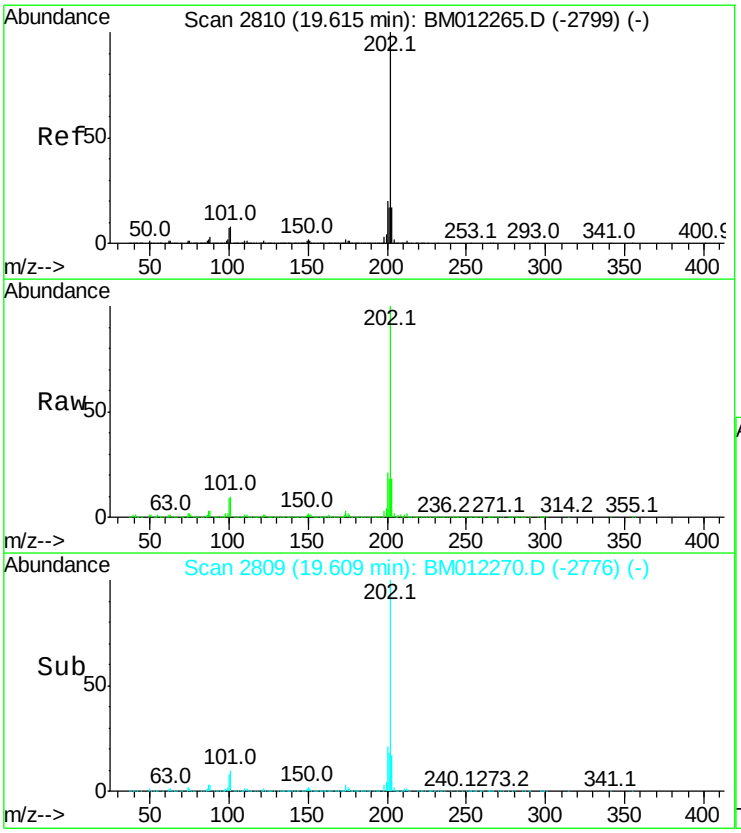
#68
Pentachlorophenol
Concen: 35.895 ng/ul
RT: 16.84 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :
C0B75MS

Tgt Ion:266 Resp: 248348

Ion	Ratio	Lower	Upper
266	100		
264	63.2	47.3	70.9
268	65.0	52.3	78.5





#77
Pyrene
Concen: 43.067 ng/ul
RT: 19.61 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM012270.D
Acq: 18 Oct 2017 04:10

Tgt Ion:202 Resp: 2105664

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.5	9.7#
100	8.5	5.6	8.4#