Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016760.D
Acq On : 14 Sep 2018 19:12
Operator : SJ/JU
Sample : J4885-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H2TS2MSD

Quant Time: Sep 15 00:43:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 00:35:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	243102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1015258	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	537734	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1186504	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1326288	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1421134	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	27346	4.81	ng/uL	0.00
5) Phenol-d5	6.90	99	556298	27.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	356779	28.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	474413	28.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	438894	27.66	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	214229	32.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	193915	31.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	420407	27.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	538711	28.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	1266745	29.34	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1613768	28.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	169321	23.90	ng/ul	0.00
58) Fluorene-d10	15.37	176	1136024	30.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	116046	23.83	ng/ul	0.00
71) Anthracene-d10	17.22	188	1727897	30.18	ng/ul	0.00
79) Pyrene-d10	19.51	212	1962723	30.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	2261957	30.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.93	94	589344	28.794	ng/ul	100
10) 2-Chlorophenol	7.30	128	454373	27.032	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	332332	27.006	ng/ul#	90
33) 4-Chloro-3-methylphenol	11.79	107	416358	26.828	ng/ul	95
45) Dimethylphthalate	13.83	163	319419	7.570	ng/ul	98
50) Acenaphthene	14.43	153	1068204	28.504	ng/ul	99
53) 4-Nitrophenol	14.58	109	136709	25.036	ng/ul#	79
55) 2,4-Dinitrotoluene	14.73	165	302550	31.746	ng/ul	93
69) Pentachlorophenol	16.76	266	186322	23.849	ng/ul	97
80) Pyrene	19.54	202	2438676	29.945	ng/ul#	87

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

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Misc :
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Instrument :
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ClientSampleId :
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Quant Time: Sep 15 00:43:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 00:35:20 2018
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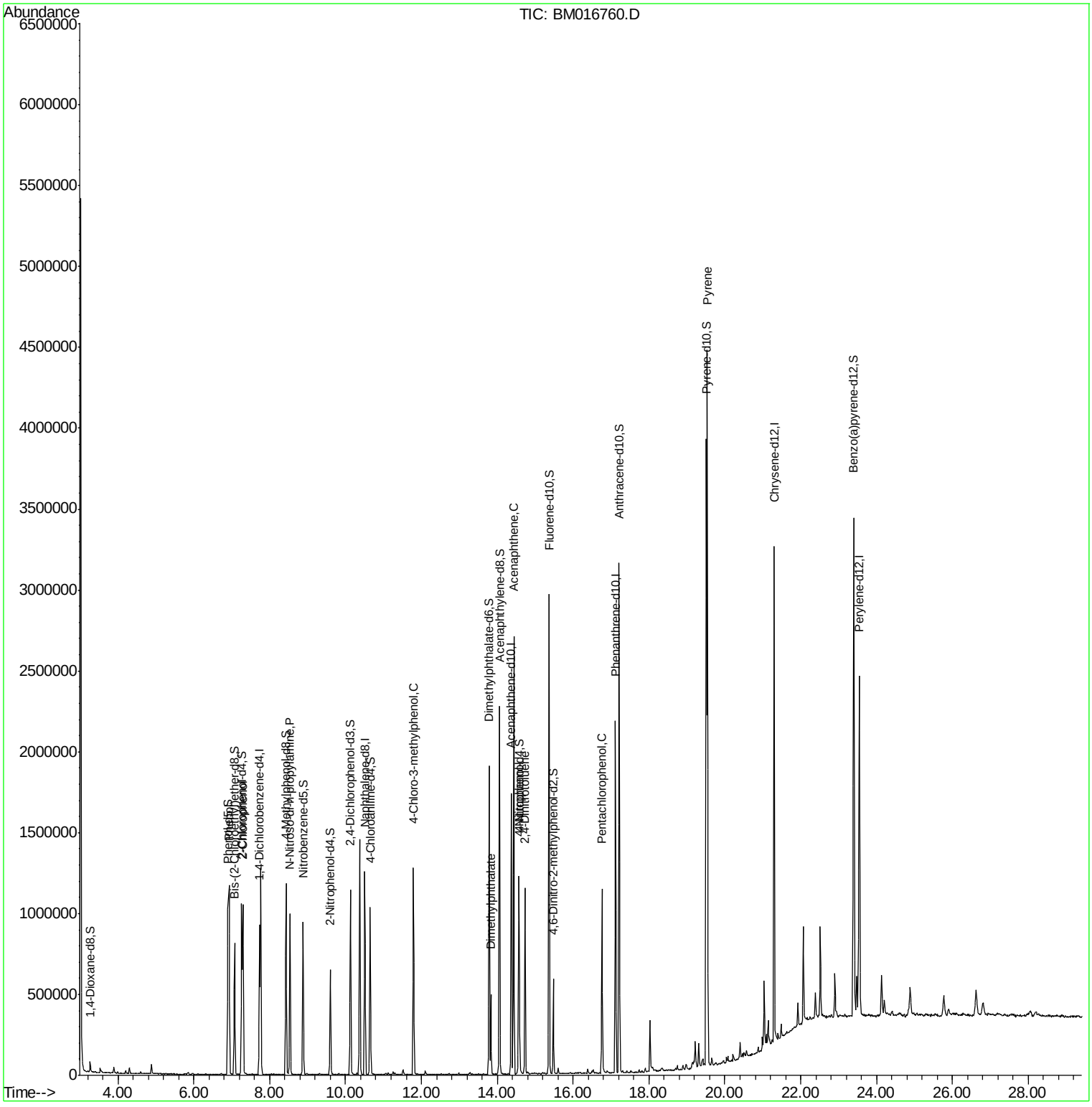
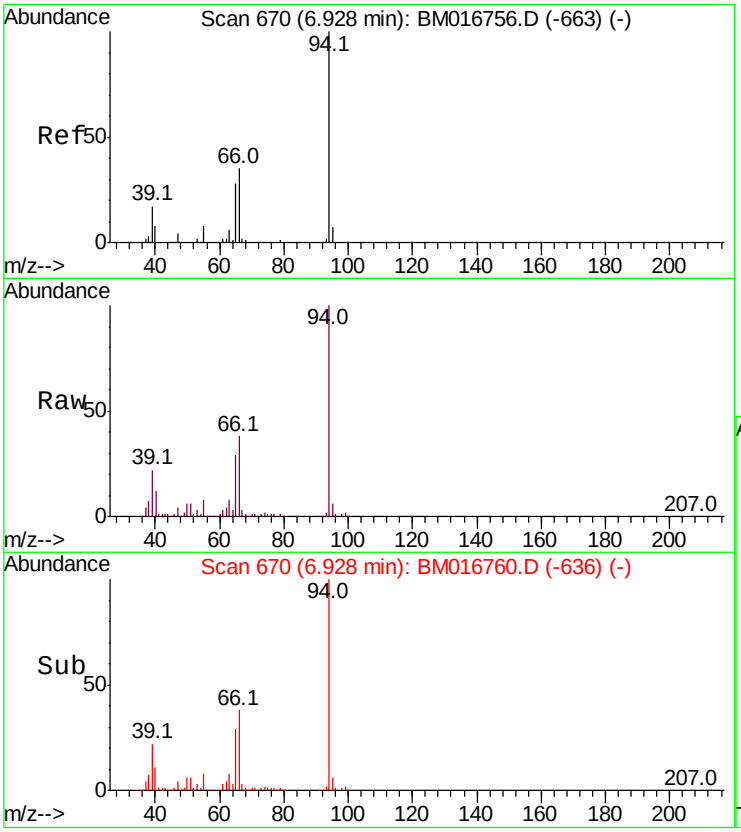


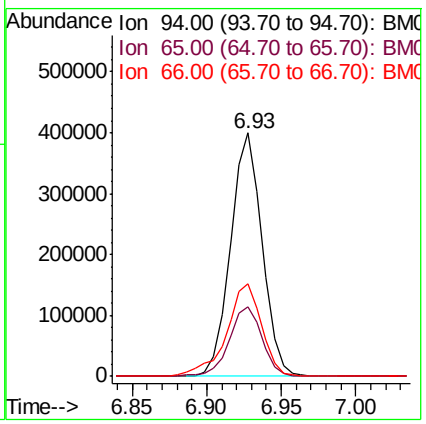


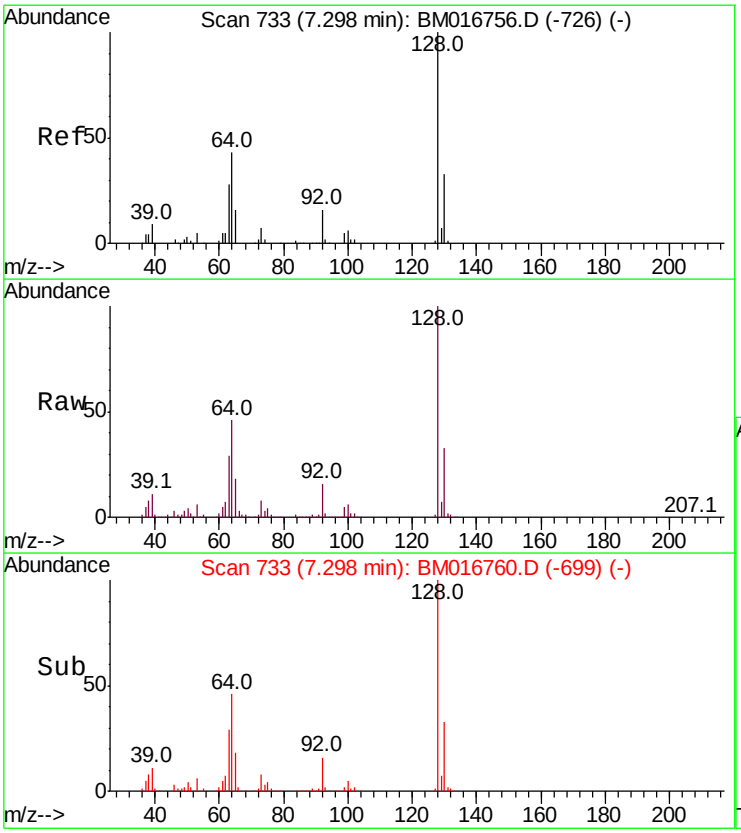
#6
Phenol
Concen: 28.794 ng/ul
RT: 6.93 min Scan# 670
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Instrument :
BNA_M
ClientSampleId :
H2TS2MSD

Tgt Ion: 94 Resp: 589344

Ion	Ratio	Lower	Upper
94	100		
65	28.7	23.0	34.6
66	37.8	30.4	45.6

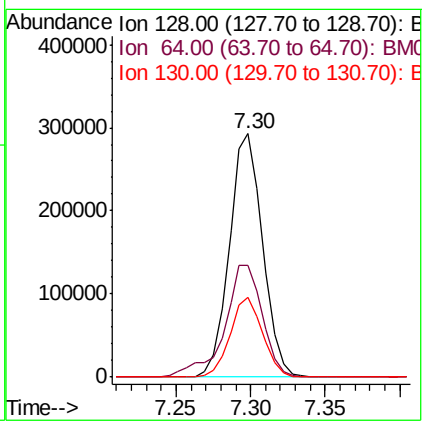


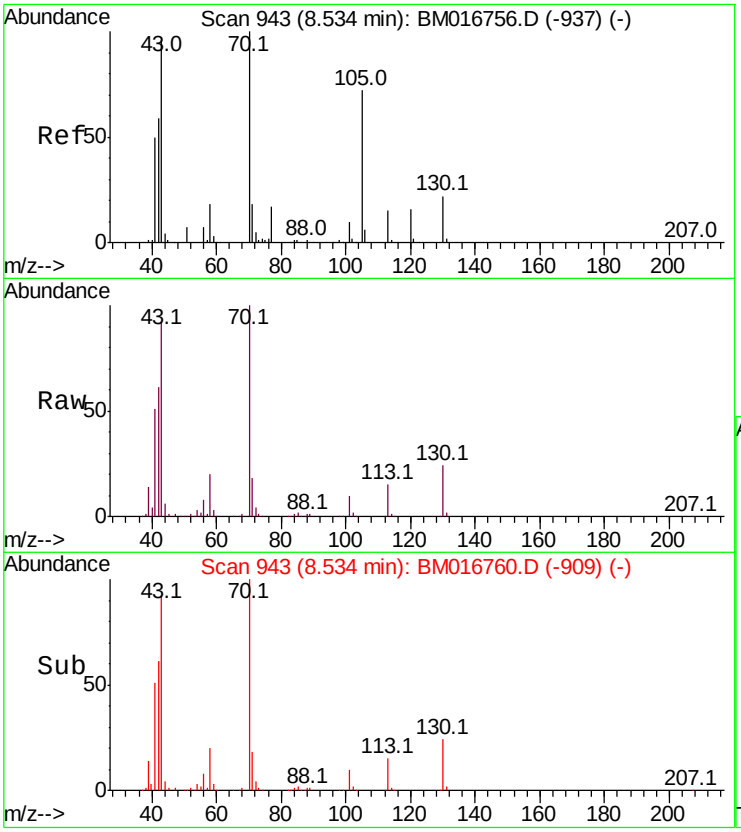


#10
2-Chlorophenol
Concen: 27.032 ng/ul
RT: 7.30 min Scan# 733
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Tgt Ion:128 Resp: 454373

Ion	Ratio	Lower	Upper
128	100		
64	46.1	39.8	59.6
130	33.0	25.8	38.8



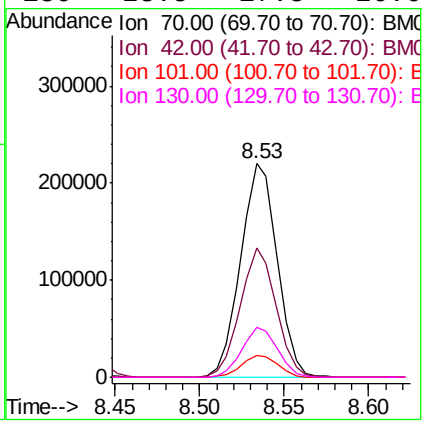


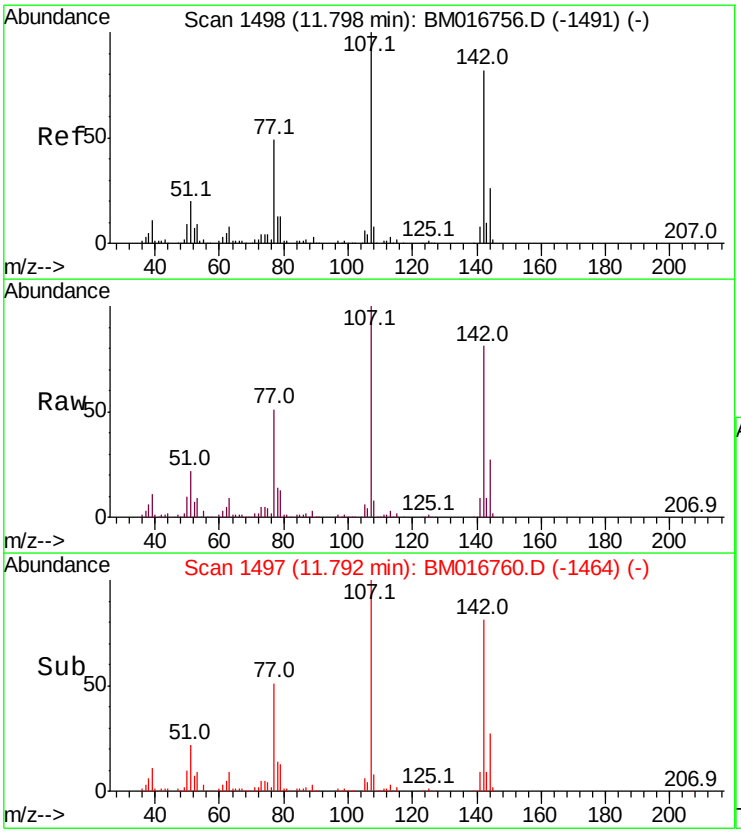
#15
N-Nitroso-di-n-propylamine
Concen: 27.006 ng/ul
RT: 8.53 min Scan# 943
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Instrument :
BNA_M
ClientSampleId :
H2TS2MSD

Tgt Ion: 70 Resp: 332332

Ion	Ratio	Lower	Upper
70	100		
42	60.8	40.2	60.4#
101	10.0	7.7	11.5
130	23.5	17.8	26.6

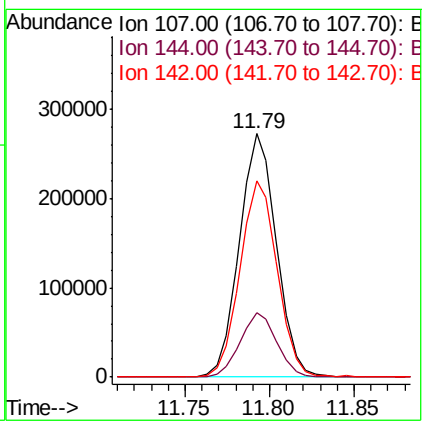


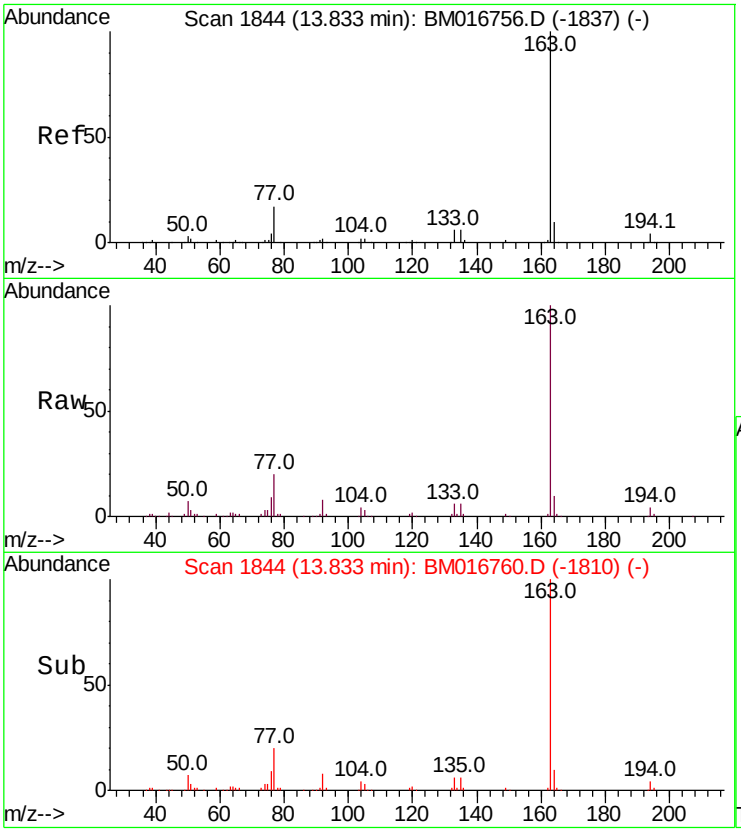


#33
4-Chloro-3-methylphenol
Concen: 26.828 ng/ul
RT: 11.79 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Tgt Ion:107 Resp: 416358

Ion	Ratio	Lower	Upper
107	100		
144	26.6	21.1	31.7
142	80.8	60.1	90.1



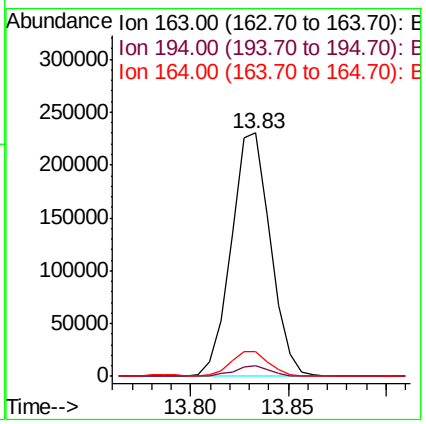


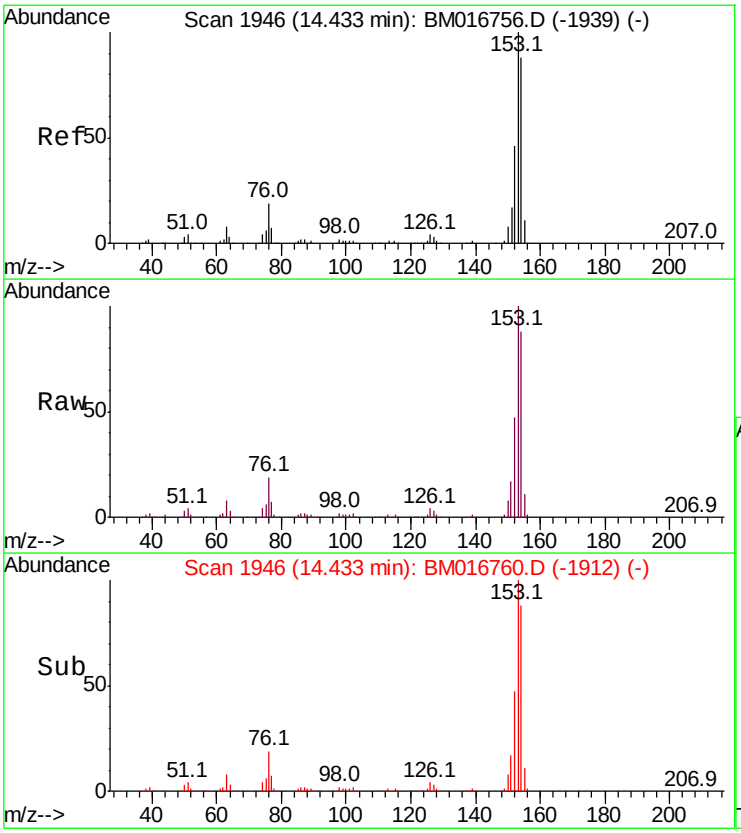
#45
Dimethylphthalate
Concen: 7.570 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Instrument :
BNA_M
ClientSampleId :
H2TS2MSD

Tgt Ion:163 Resp: 319419

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.0	6.0
164	9.9	8.4	12.6

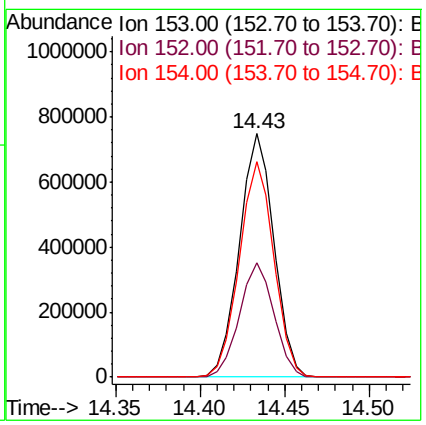


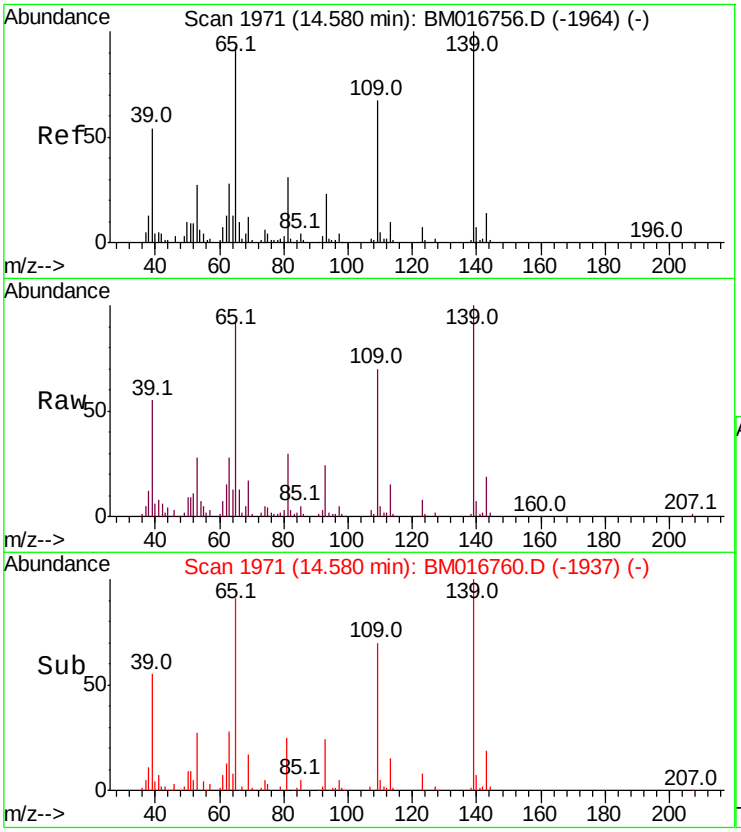


#50
Acenaphthene
Concen: 28.504 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Tgt Ion:153 Resp: 1068204

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.9	56.9
154	88.3	69.8	104.6



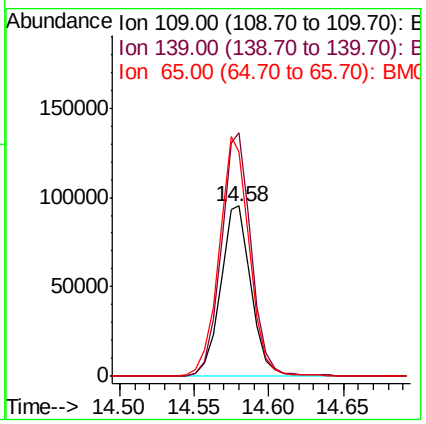


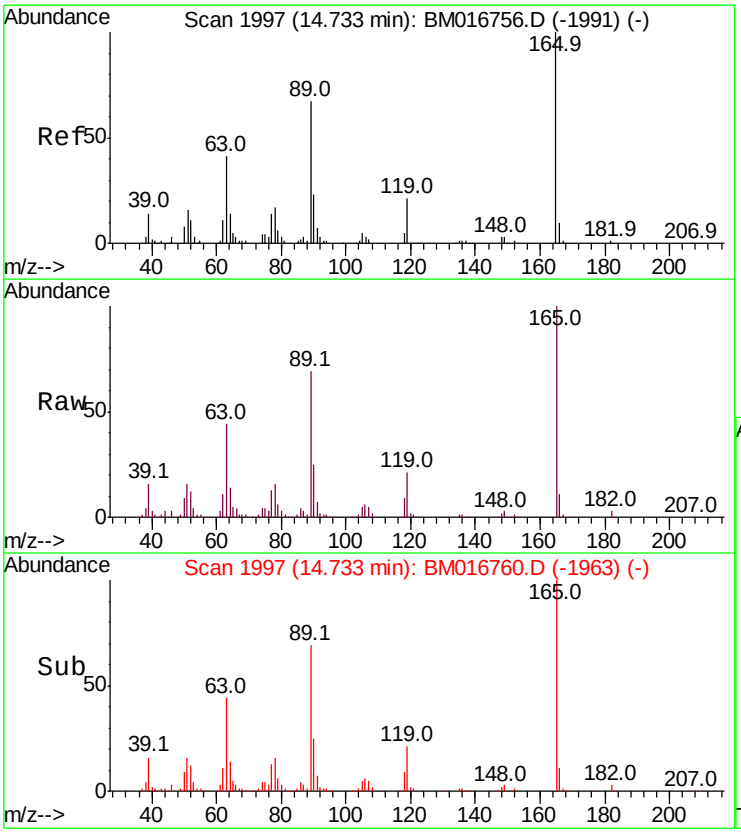
#53
4-Nitrophenol
Concen: 25.036 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Instrument :
BNA_M
ClientSampleId :
H2TS2MSD

Tgt Ion:109 Resp: 136709

Ion	Ratio	Lower	Upper
109	100		
139	142.9	91.2	136.8#
65	131.9	92.6	139.0

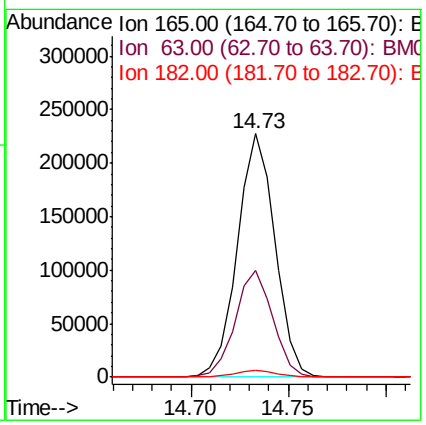


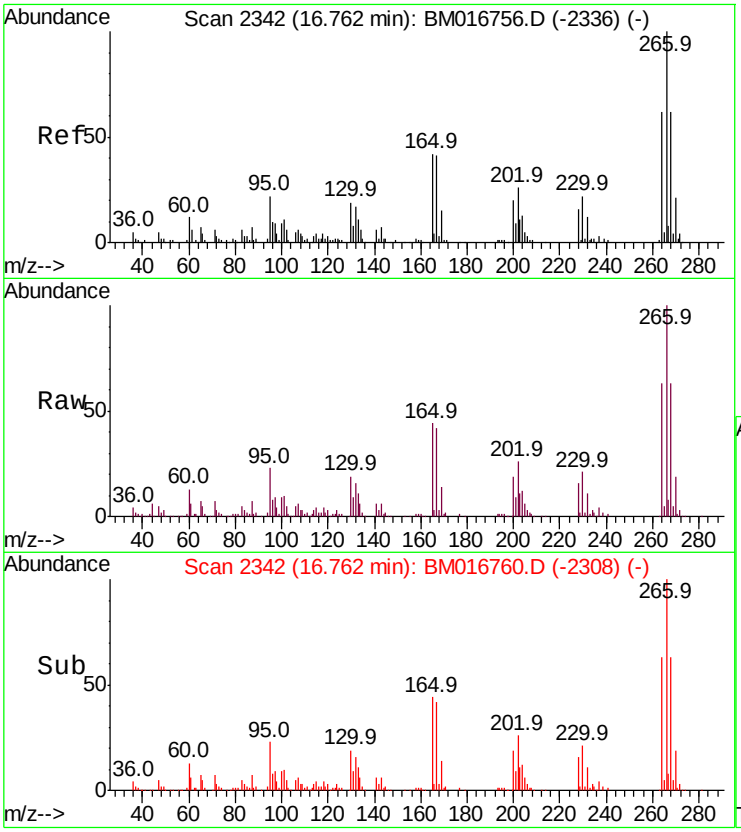


#55
2,4-Dinitrotoluene
Concen: 31.746 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Tgt Ion:165 Resp: 302550

Ion	Ratio	Lower	Upper
165	100		
63	44.0	31.4	47.0
182	3.0	2.7	4.1



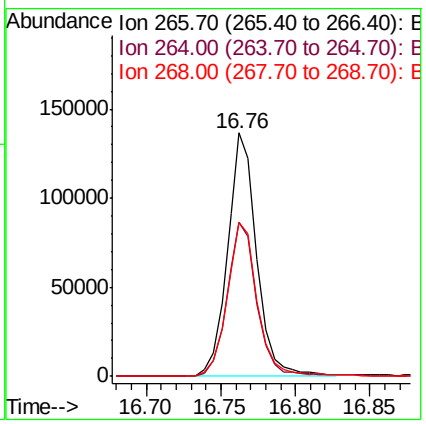


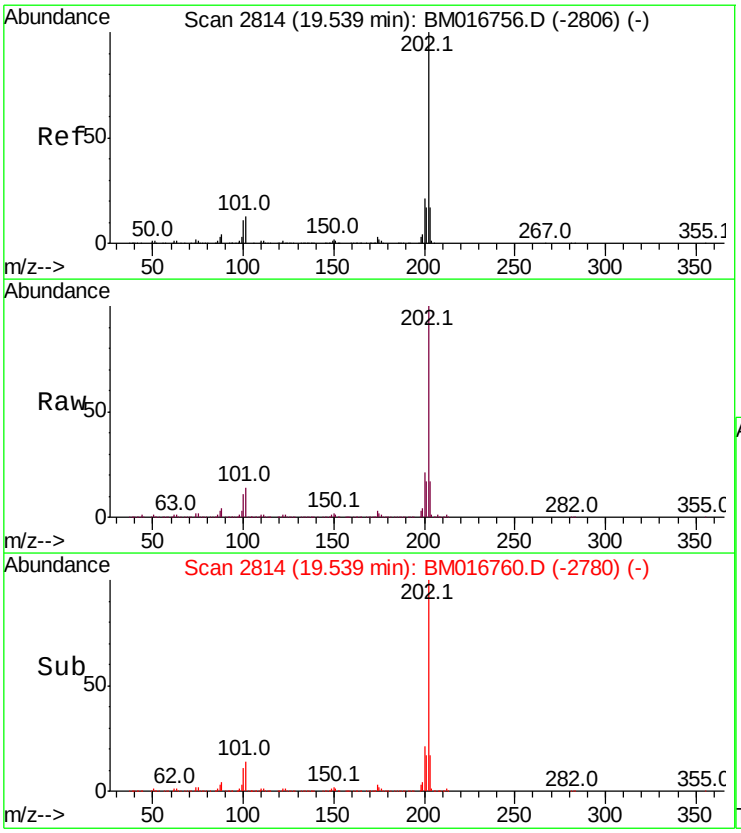
#69
Pentachlorophenol
Concen: 23.849 ng/ul
RT: 16.76 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Instrument :
BNA_M
ClientSampleId :
H2TS2MSD

Tgt Ion:266 Resp: 186322

Ion	Ratio	Lower	Upper
266	100		
264	63.0	48.2	72.4
268	63.1	52.3	78.5





#80
Pyrene
Concen: 29.945 ng/ul
RT: 19.54 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BM016760.D
Acq: 14 Sep 2018 19:12

Tgt Ion:202 Resp: 2438676

Ion	Ratio	Lower	Upper
202	100		
101	13.6	6.9	10.3#
100	10.9	5.6	8.4#