Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062316\
Data File : BM005957.D
Acq On : 24 Jun 2016 07:47
Operator : UM/SJ
Sample : H3639-08MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z47MS

Quant Time: Jun 24 15:38:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 00:58:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	300898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1316213	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	743294	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1717647	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	2007416	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	2080406	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	12762	1.69	ng/uL	0.00
5) Phenol-d5	6.83	99	453196	17.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	300986	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	356301	17.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	363180	17.89	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	174291	18.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	176929	17.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	327574	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	469052	22.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1057363	17.90	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1295151	17.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	159717	13.83	ng/ul	0.00
57) Fluorene-d10	15.30	176	927785	18.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	116275	13.59	ng/ul	0.00
70) Anthracene-d10	17.15	188	1423946	18.20	ng/ul	0.00
76) Pyrene-d10	19.45	212	1617065	17.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1675491	17.87	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	451777	16.03	ng/ul	98
10) 2-Chlorophenol	7.23	128	333737	15.65	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	292051	16.95	ng/ul	99
33) 4-Chloro-3-methylphenol	11.73	107	360227	15.71	ng/ul	96
44) Dimethylphthalate	13.77	163	206040	3.46	ng/ul	99
49) Acenaphthene	14.37	153	815495	16.45	ng/ul	100
52) 4-Nitrophenol	14.52	109	162272	14.69	ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	275411	16.04	ng/ul	98
68) Pentachlorophenol	16.70	266	186084	15.88	ng/ul	98
77) Pyrene	19.48	202	1937391	15.78	ng/ul	100

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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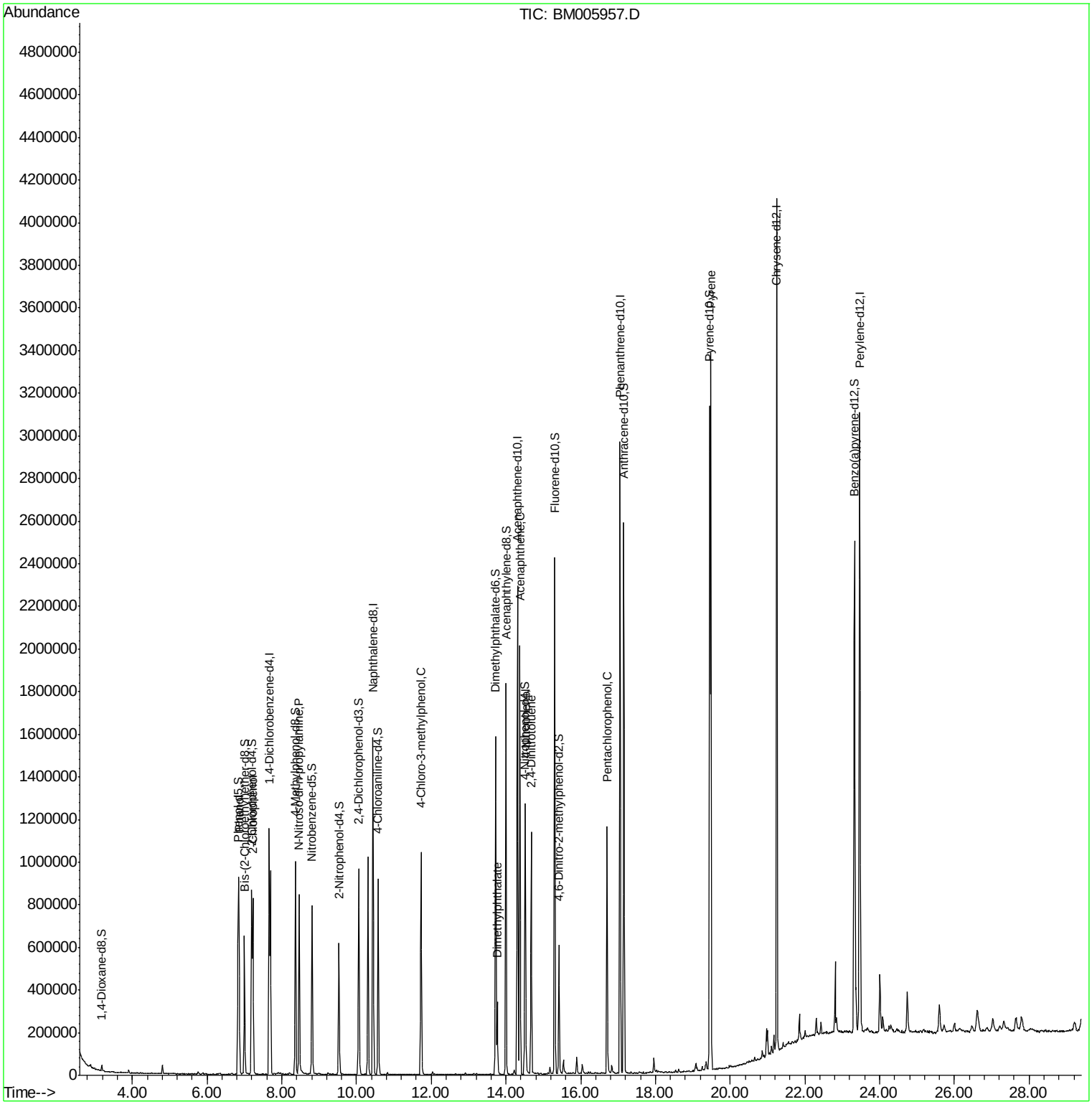
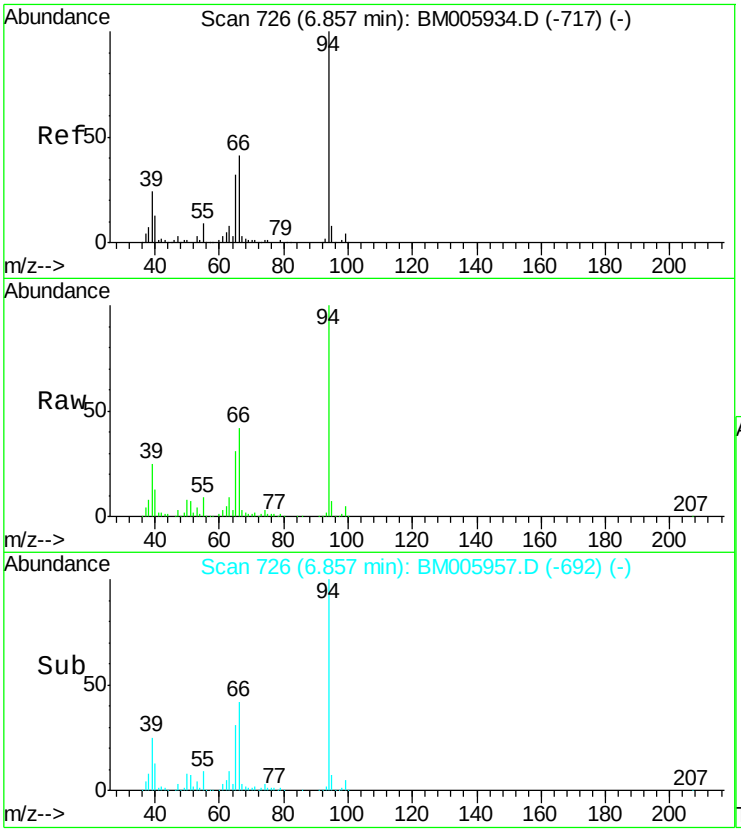


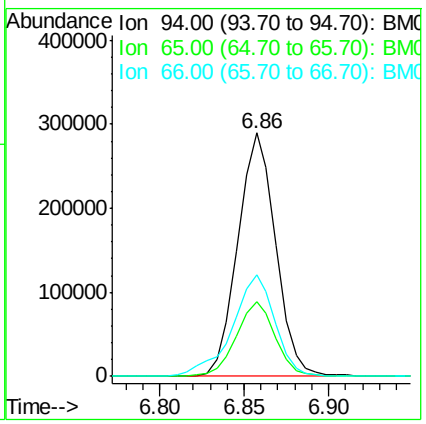


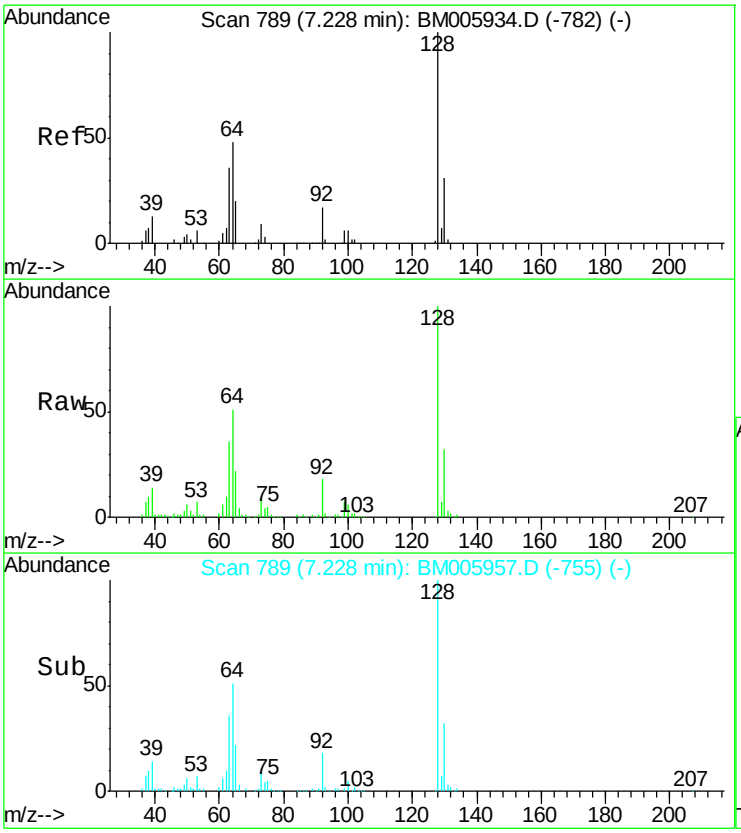
#6
Phenol
Concen: 16.03 ng/ul
RT: 6.86 min Scan# 726
Delta R.T. -0.00 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Instrument :
BNA_M
ClientSampleId :
D9Z47MS

Tgt Ion: 94 Resp: 451777

Ion	Ratio	Lower	Upper
94	100		
65	30.8	24.5	36.7
66	41.5	31.7	47.5

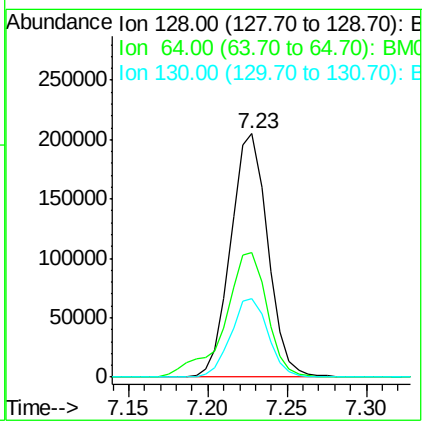


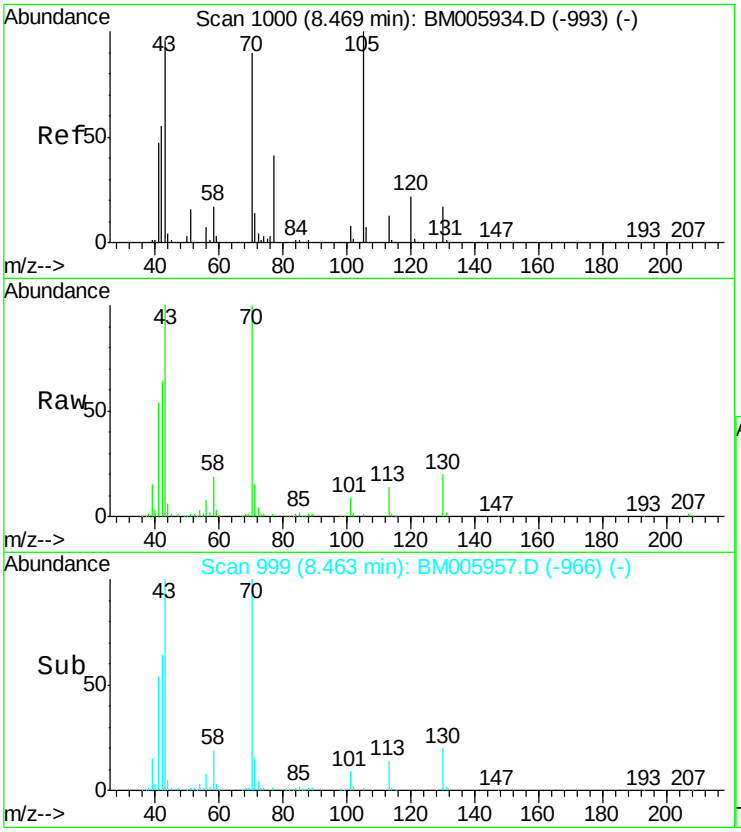


#10
2-Chlorophenol
Concen: 15.65 ng/ul
RT: 7.23 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Tgt Ion:128 Resp: 333737

Ion	Ratio	Lower	Upper
128	100		
64	51.3	41.7	62.5
130	32.1	25.9	38.9



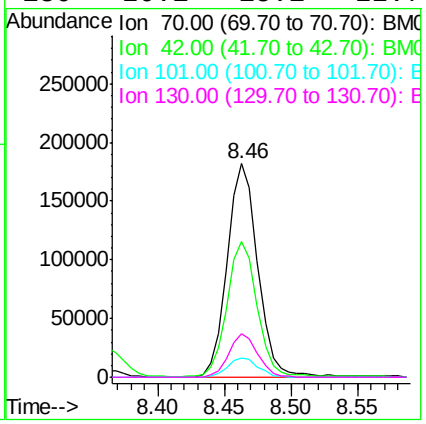


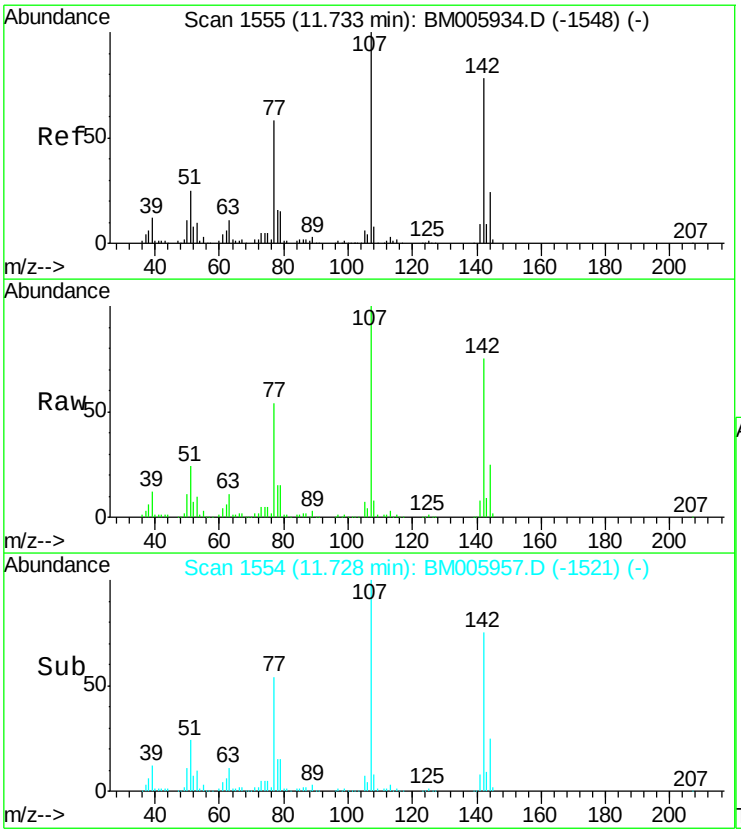
#15
N-Nitroso-di-n-propylamine
Concen: 16.95 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Instrument :
BNA_M
ClientSampleId :
D9Z47MS

Tgt Ion: 70 Resp: 292051

Ion	Ratio	Lower	Upper
70	100		
42	63.5	50.3	75.5
101	8.9	7.4	11.0
130	20.1	15.1	22.7

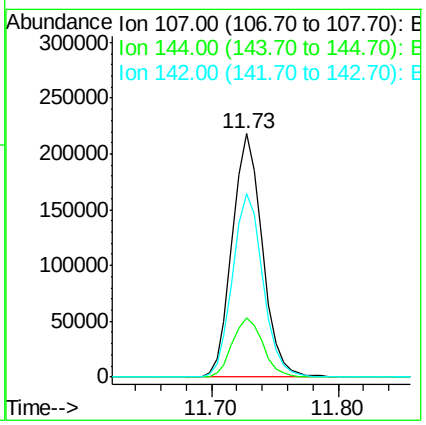


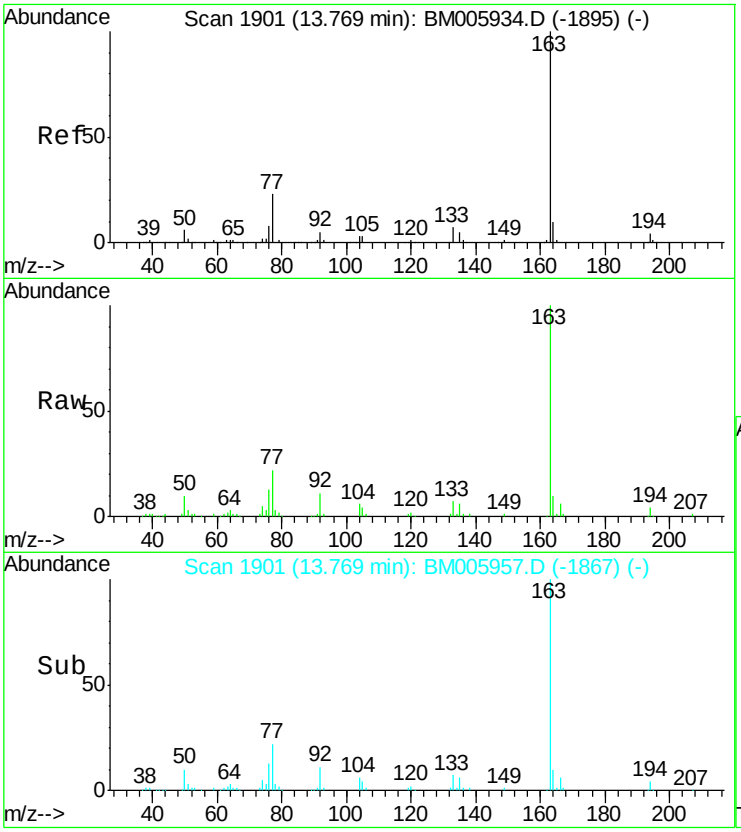


#33
4-Chloro-3-methylphenol
Concen: 15.71 ng/ul
RT: 11.73 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Tgt Ion:107 Resp: 360227

Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.1	30.1
142	75.2	63.8	95.6



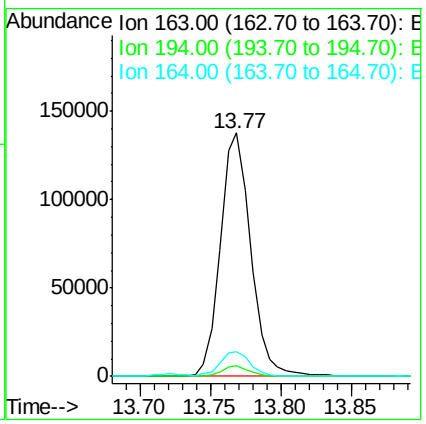


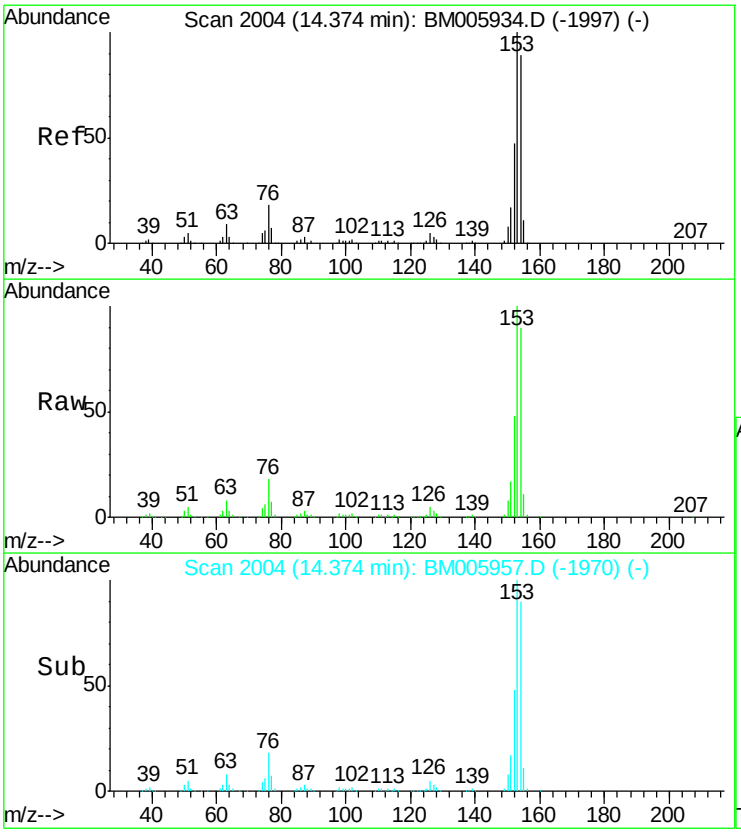
#44
Dimethylphthalate
Concen: 3.46 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Instrument :
BNA_M
ClientSampleId :
D9Z47MS

Tgt Ion:163 Resp: 206040

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	10.1	7.9	11.9

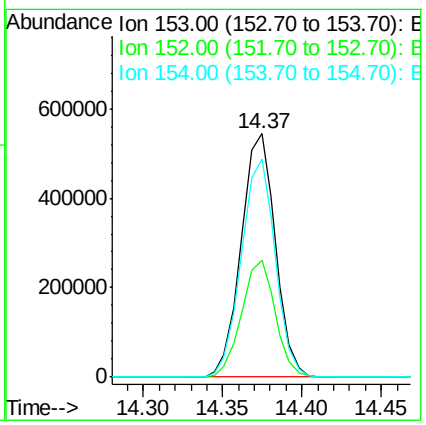


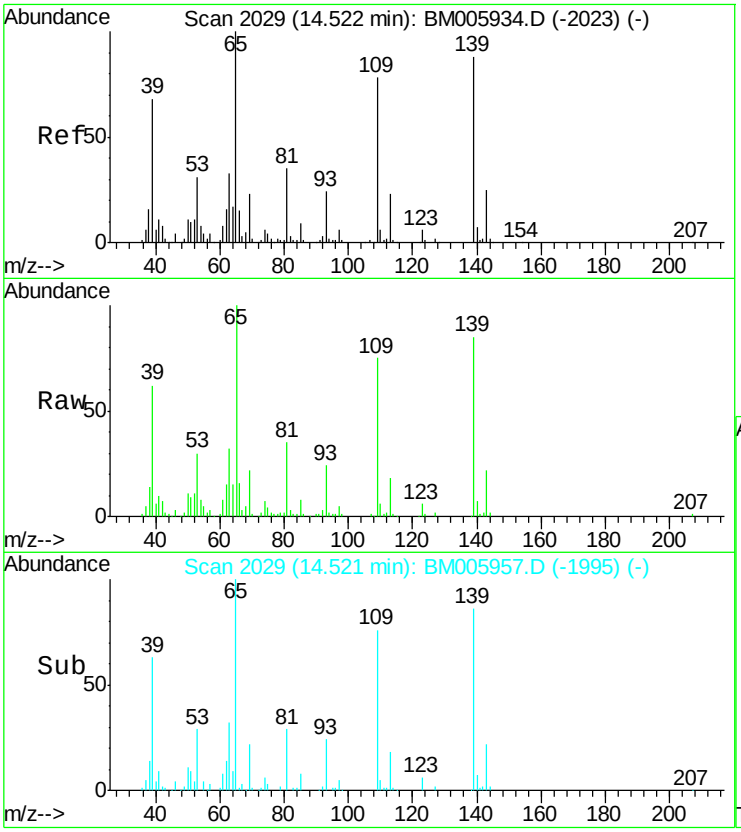


#49
Acenaphthene
Concen: 16.45 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Tgt Ion:153 Resp: 815495

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.4	57.6
154	89.6	71.9	107.9



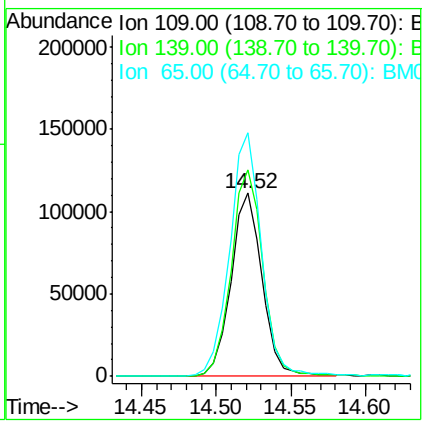


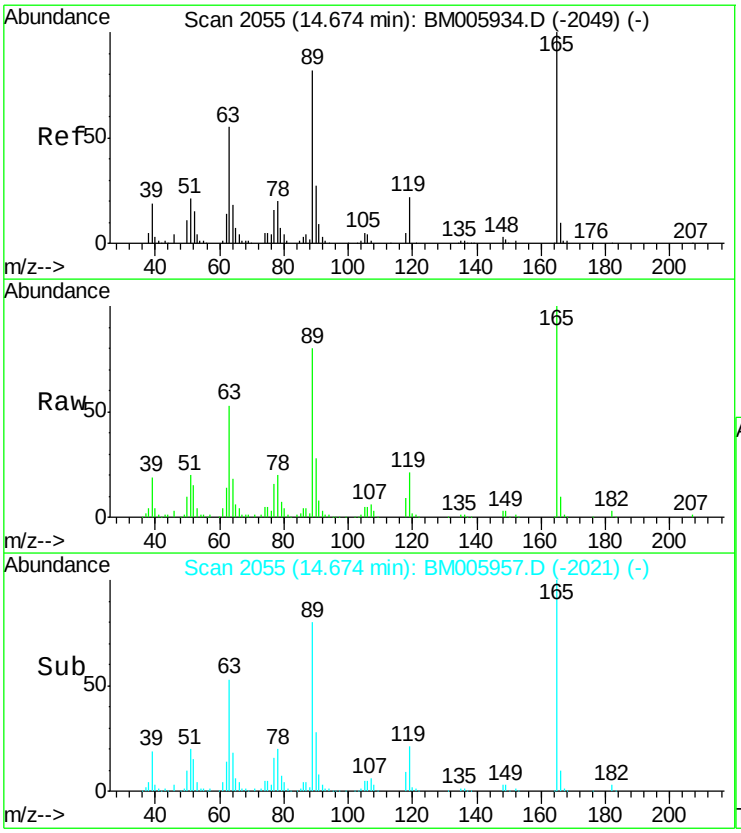
#52
4-Nitrophenol
Concen: 14.69 ng/ul
RT: 14.52 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Instrument :
BNA_M
ClientSampleId :
D9Z47MS

Tgt Ion:109 Resp: 162272

Ion	Ratio	Lower	Upper
109	100		
139	113.0	93.1	139.7
65	132.9	105.2	157.8

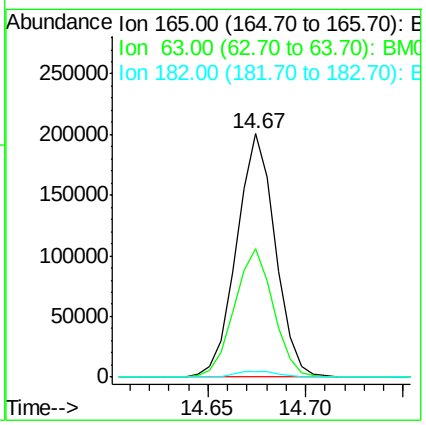


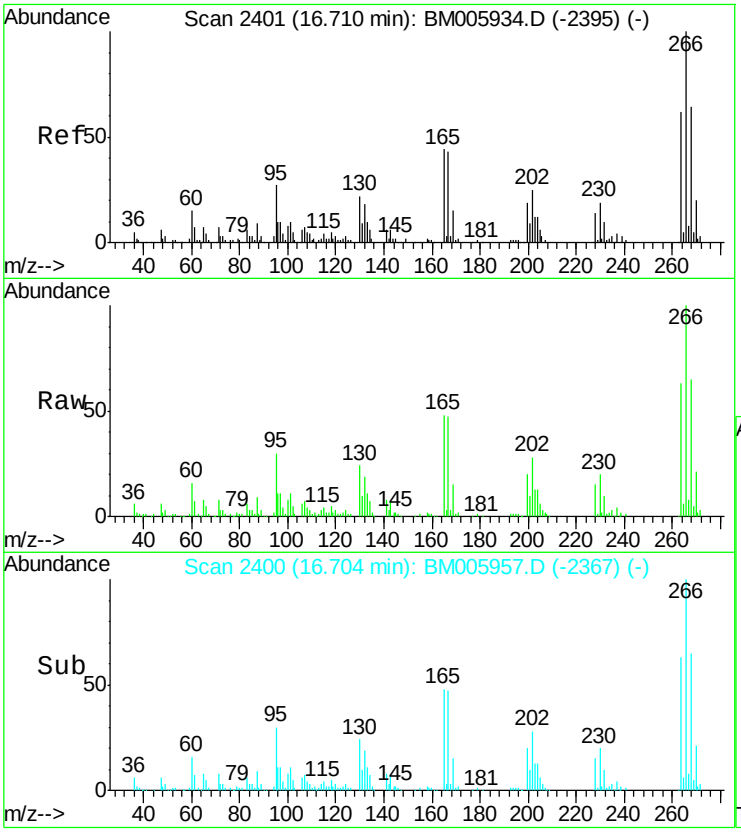


#54
2,4-Dinitrotoluene
Concen: 16.04 ng/ul
RT: 14.67 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Tgt Ion:165 Resp: 275411

Ion	Ratio	Lower	Upper
165	100		
63	52.9	41.2	61.8
182	2.5	2.0	3.0



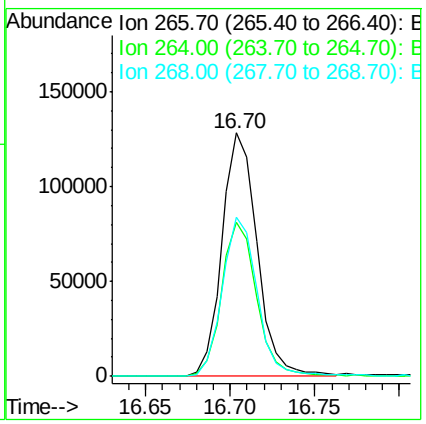


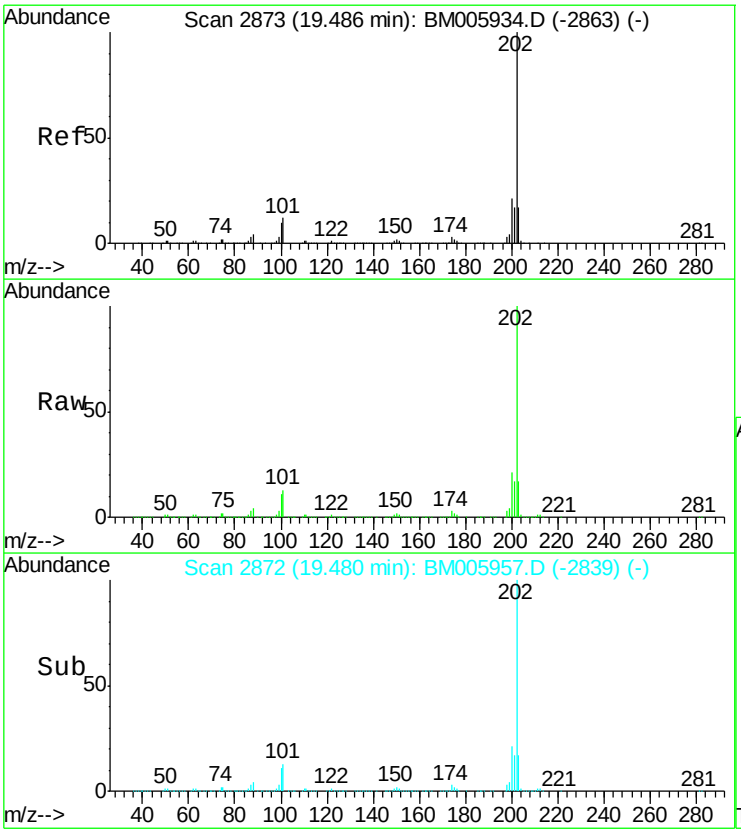
#68
Pentachlorophenol
Concen: 15.88 ng/ul
RT: 16.70 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Instrument :
BNA_M
ClientSampleId :
D9Z47MS

Tgt Ion:266 Resp: 186084

Ion	Ratio	Lower	Upper
266	100		
264	63.3	52.1	78.1
268	65.1	51.0	76.4





#77
Pyrene
Concen: 15.78 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BM005957.D
Acq: 24 Jun 2016 07:47

Tgt Ion:202 Resp: 1937391

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.2	15.2
100	10.6	8.2	12.4