Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062316\
Data File : BM005946.D
Acq On : 24 Jun 2016 01:12
Operator : UM/SJ
Sample : H3612-23MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Z39MSD

Quant Time: Jun 24 04:25:29 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	295087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1358110	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	788202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1853544	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	2119172	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	2136025	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	12370	1.67	ng/uL	0.00
5) Phenol-d5	6.83	99	476384	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	294520	18.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	362209	18.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	331514	16.65	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	175202	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	180645	17.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	344108	17.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	468492	21.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1112655	17.77	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1382739	17.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	177070	14.46	ng/ul	0.00
57) Fluorene-d10	15.30	176	979862	18.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	132008	14.30	ng/ul	0.00
70) Anthracene-d10	17.16	188	1513475	17.92	ng/ul	0.00
76) Pyrene-d10	19.45	212	1780741	18.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1809243	18.80	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	602997	21.81	ng/ul	98
10) 2-Chlorophenol	7.23	128	453100	21.67	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	398931	23.61	ng/ul	98
33) 4-Chloro-3-methylphenol	11.73	107	500046	21.14	ng/ul	98
44) Dimethylphthalate	13.77	163	442678	7.00	ng/ul	100
49) Acenaphthene	14.37	153	1147101	21.83	ng/ul	100
52) 4-Nitrophenol	14.52	109	238552	20.37	ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	403523	22.16	ng/ul	96
68) Pentachlorophenol	16.70	266	284422	22.49	ng/ul	99
77) Pyrene	19.48	202	2781544	21.46	ng/ul	100

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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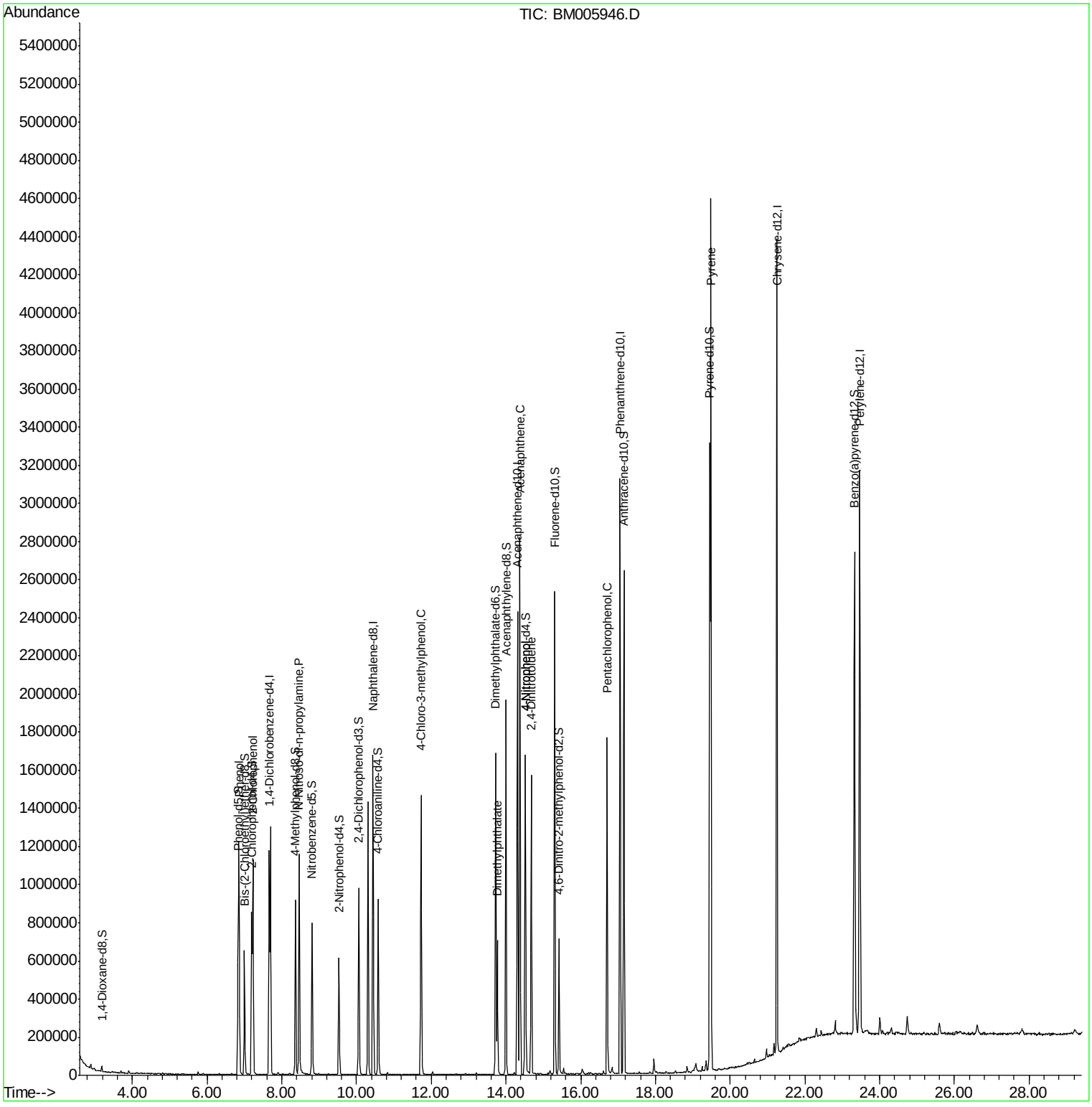
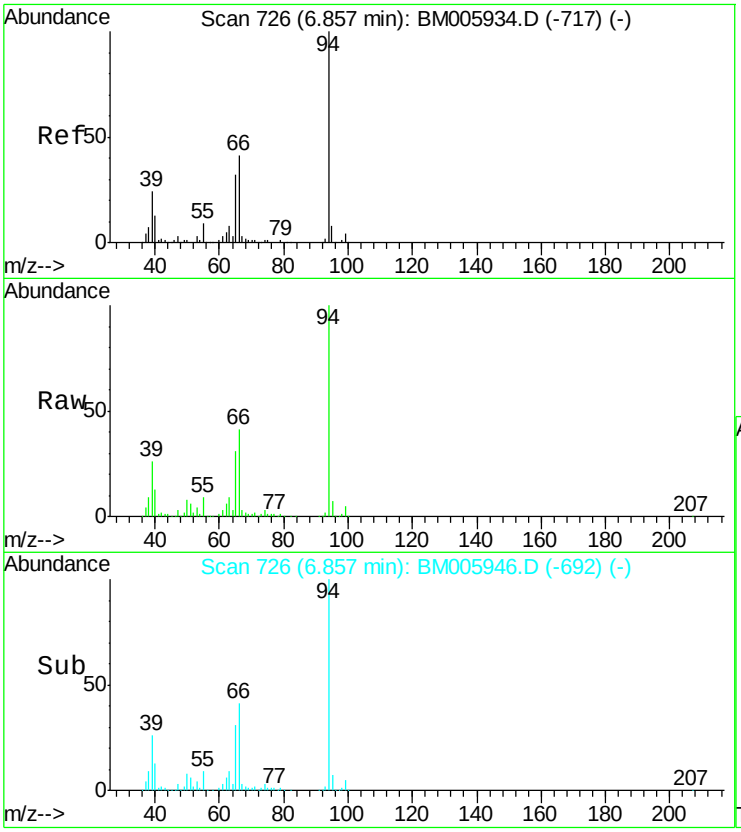


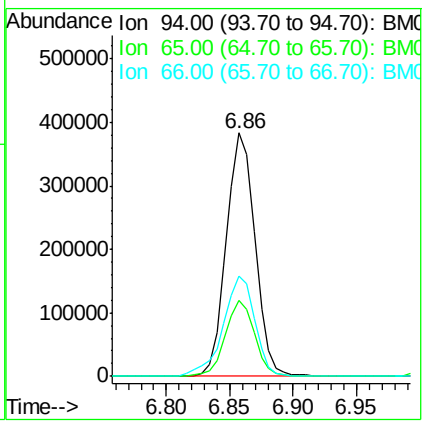


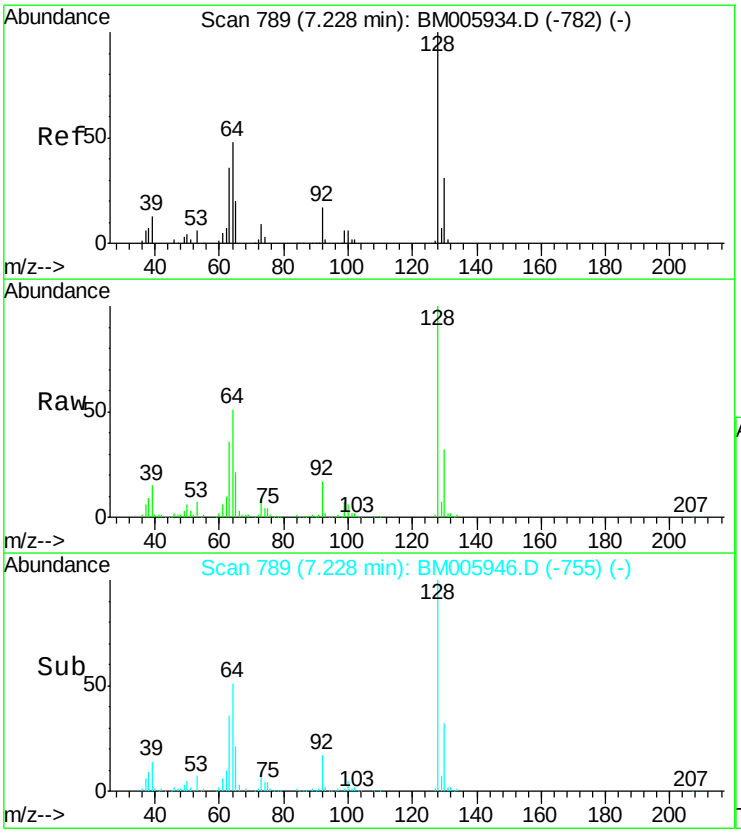
#6
Phenol
Concen: 21.81 ng/ul
RT: 6.86 min Scan# 726
Delta R.T. 0.00 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Instrument :
BNA_M
ClientSampleId :
D9Z39MSD

Tgt Ion: 94 Resp: 602997

Ion	Ratio	Lower	Upper
94	100		
65	31.2	24.5	36.7
66	41.0	31.7	47.5

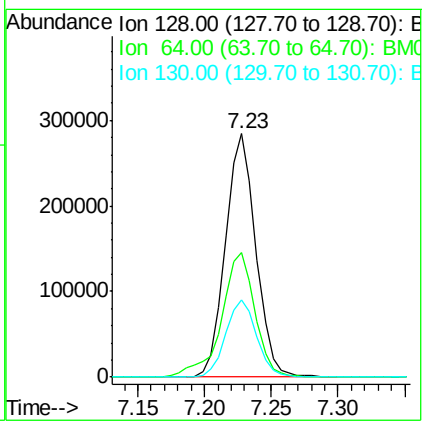


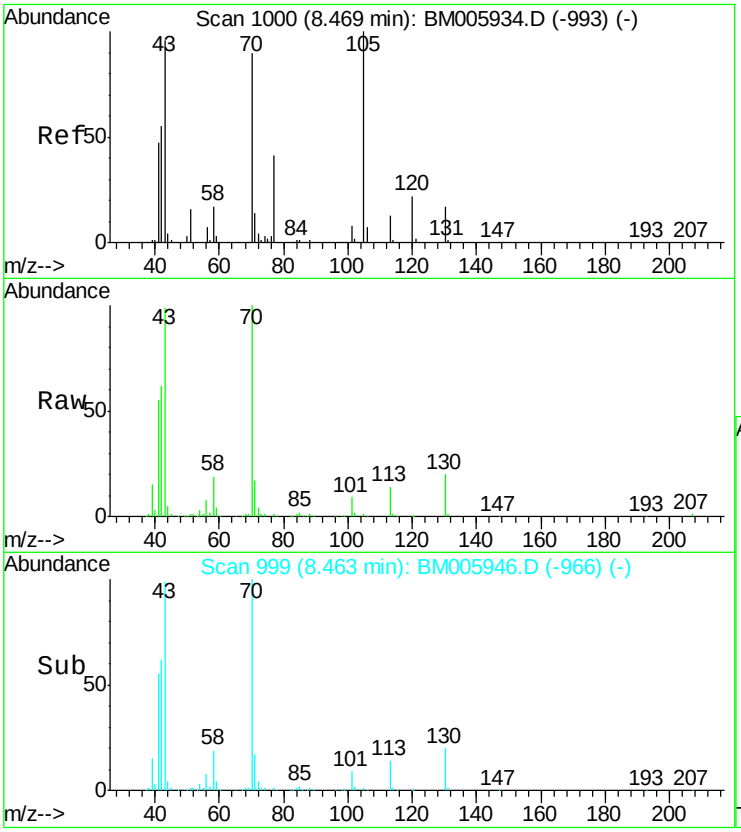


#10
2-Chlorophenol
Concen: 21.67 ng/ul
RT: 7.23 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Tgt Ion:128 Resp: 453100

Ion	Ratio	Lower	Upper
128	100		
64	51.3	41.7	62.5
130	31.5	25.9	38.9



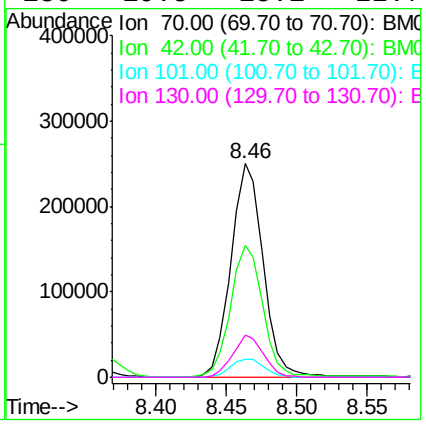


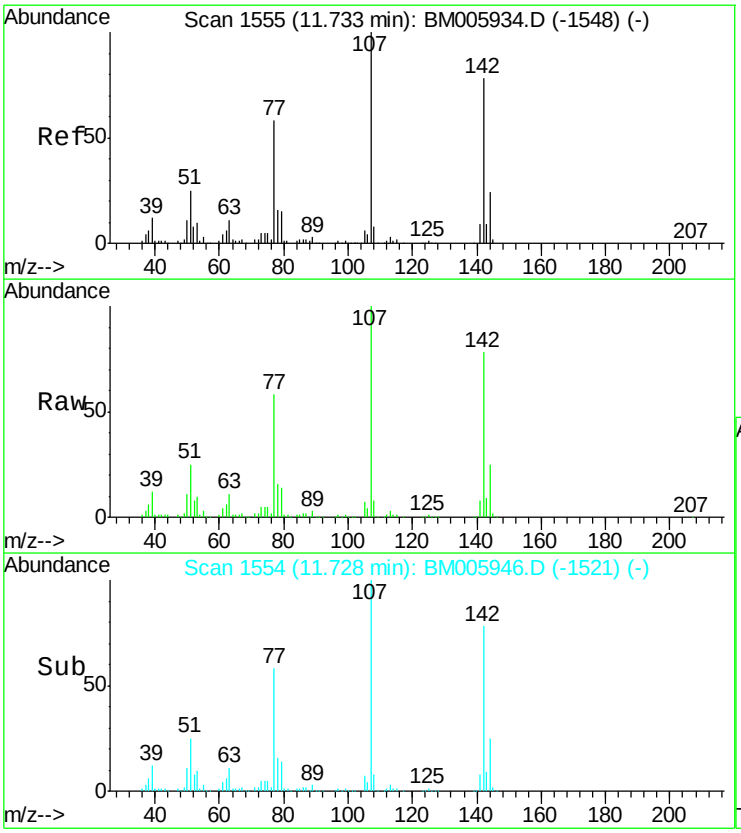
#15
N-Nitroso-di-n-propylamine
Concen: 23.61 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Instrument :
BNA_M
ClientSampleId :
D9Z39MSD

Tgt Ion: 70 Resp: 398931

Ion	Ratio	Lower	Upper
70	100		
42	61.7	50.3	75.5
101	8.6	7.4	11.0
130	19.5	15.1	22.7

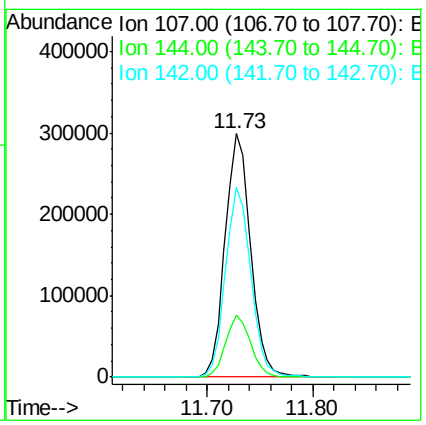


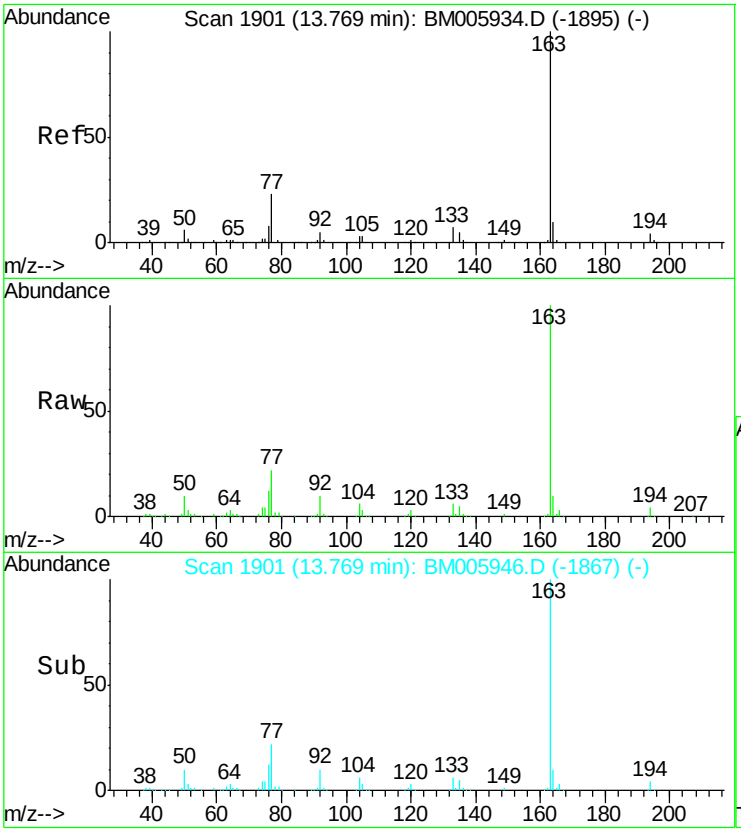


#33
4-Chloro-3-methylphenol
Concen: 21.14 ng/ul
RT: 11.73 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Tgt Ion:107 Resp: 500046

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	77.8	63.8	95.6



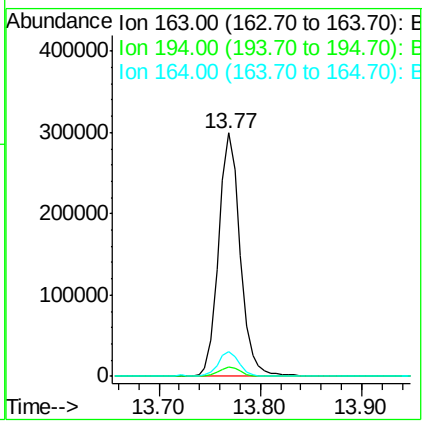


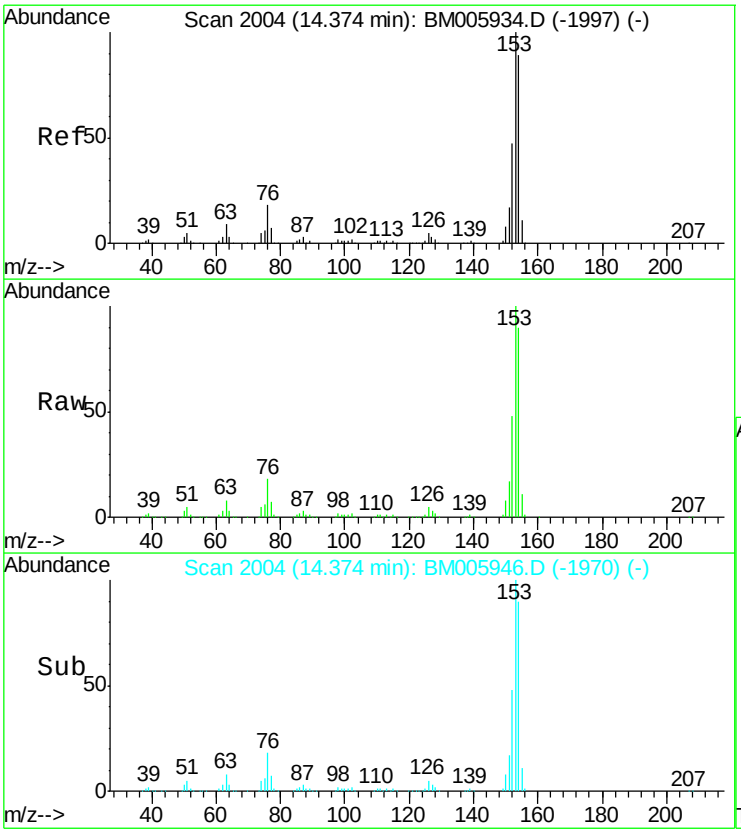
#44
Dimethylphthalate
Concen: 7.00 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Instrument :
BNA_M
ClientSampleId :
D9Z39MSD

Tgt Ion:163 Resp: 442678

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.0	7.9	11.9

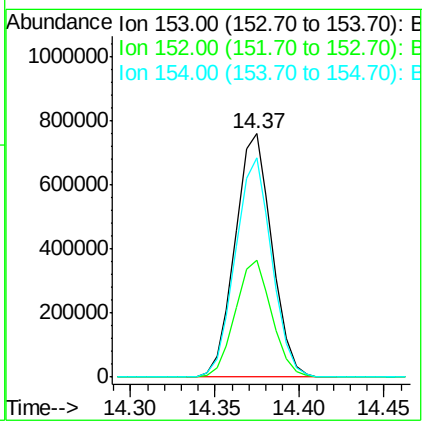


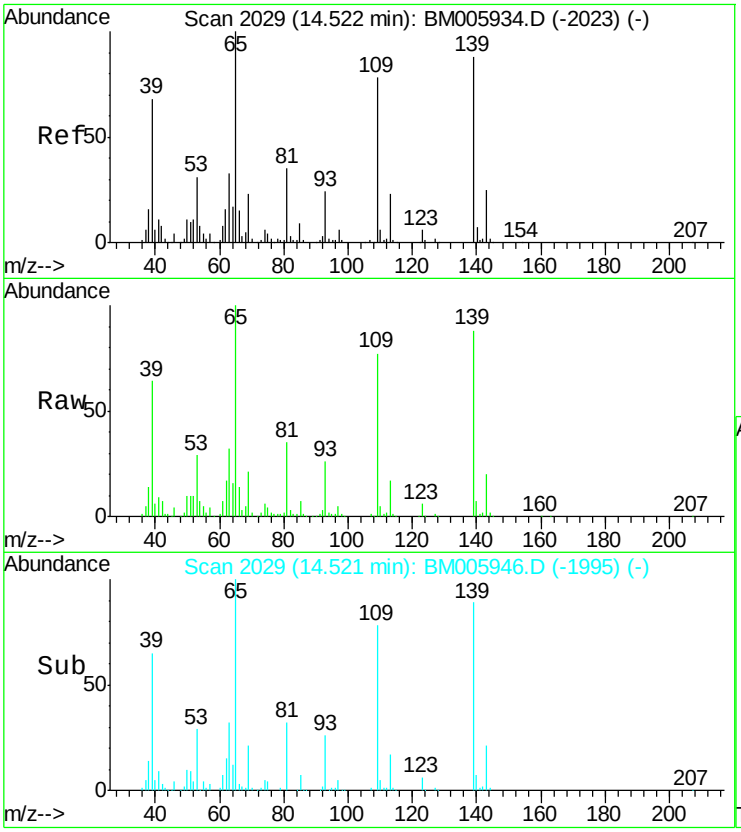


#49
Acenaphthene
Concen: 21.83 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Tgt Ion:153 Resp: 1147101

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.4	57.6
154	89.9	71.9	107.9



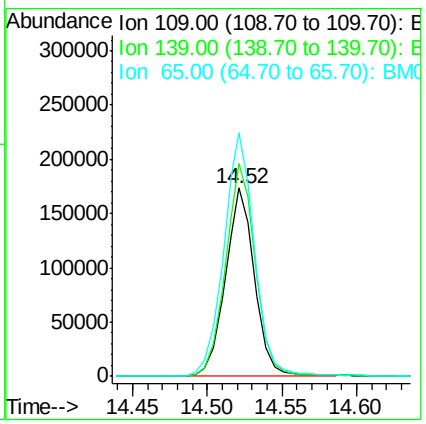


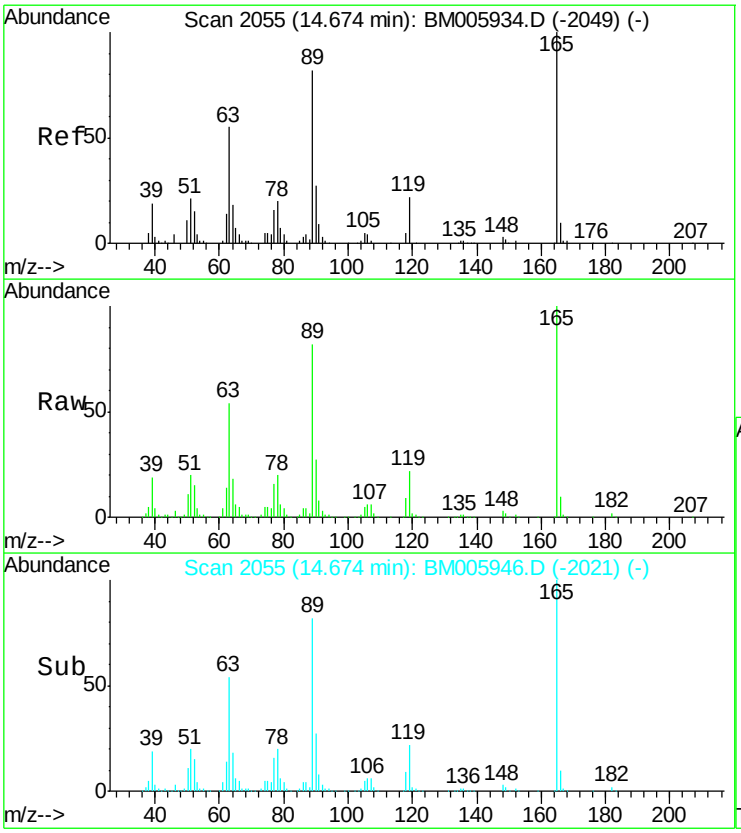
#52
4-Nitrophenol
Concen: 20.37 ng/ul
RT: 14.52 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Instrument :
BNA_M
ClientSampleId :
D9Z39MSD

Tgt Ion:109 Resp: 238552

Ion	Ratio	Lower	Upper
109	100		
139	113.3	93.1	139.7
65	129.1	105.2	157.8

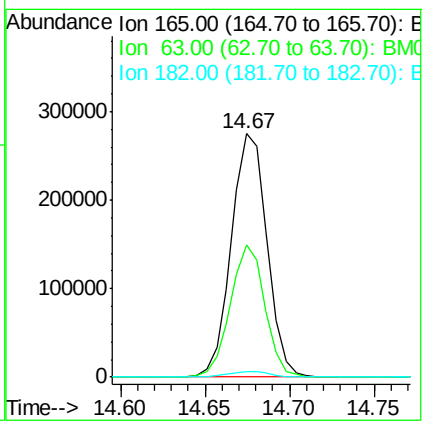


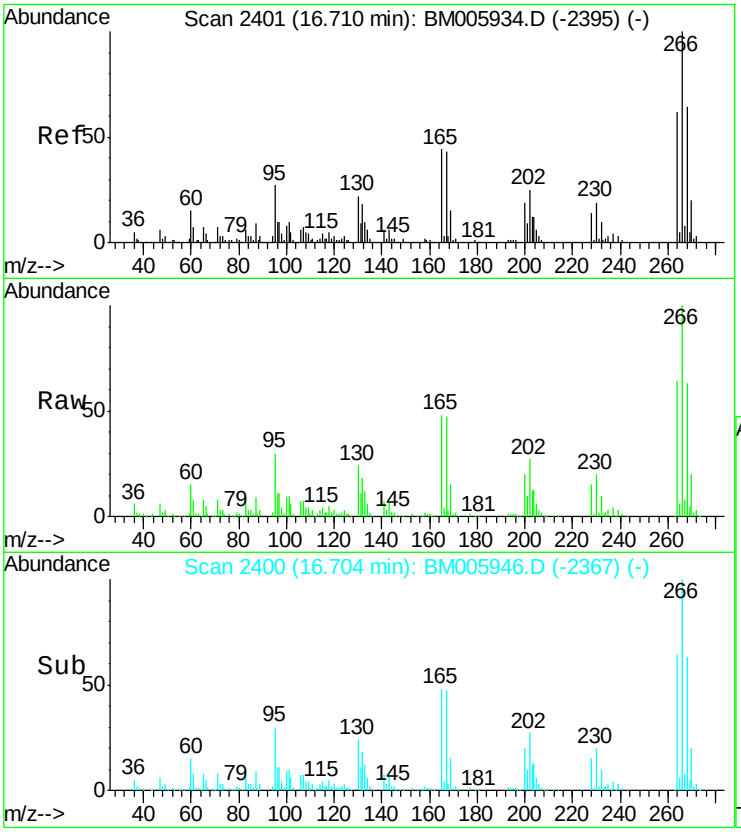


#54
2,4-Dinitrotoluene
Concen: 22.16 ng/ul
RT: 14.67 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Tgt Ion:165 Resp: 403523

Ion	Ratio	Lower	Upper
165	100		
63	54.4	41.2	61.8
182	2.5	2.0	3.0



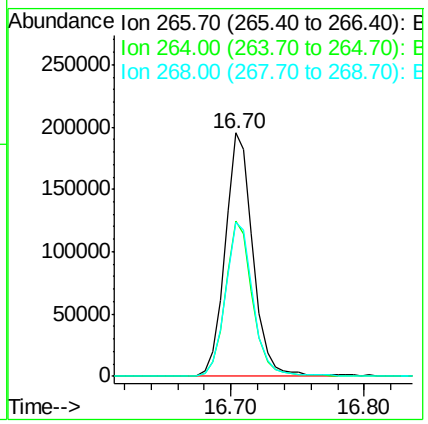


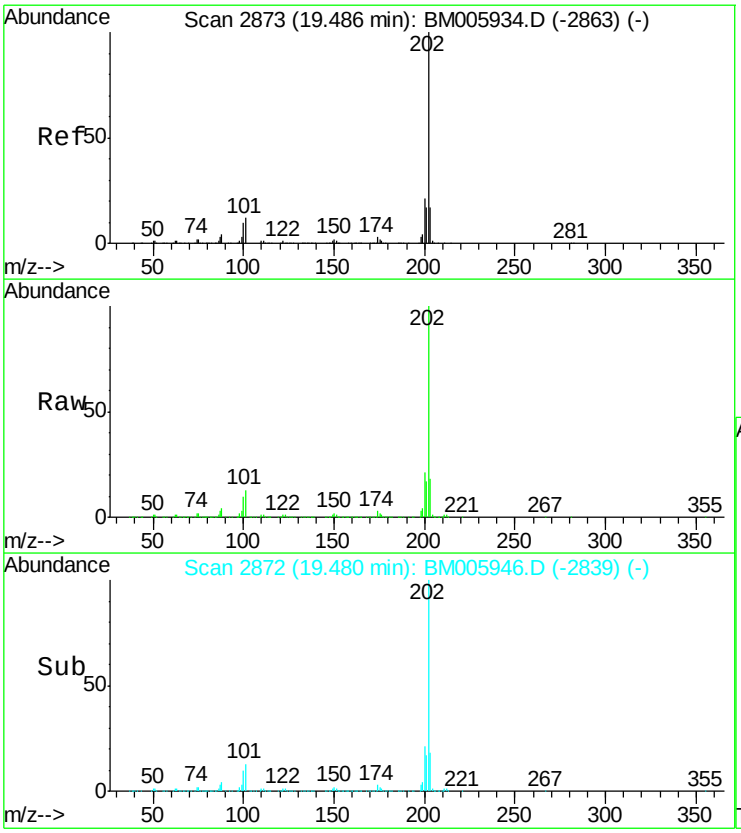
#68
Pentachlorophenol
Concen: 22.49 ng/ul
RT: 16.70 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Instrument :
BNA_M
ClientSampleId :
D9Z39MSD

Tgt Ion:266 Resp: 284422

Ion	Ratio	Lower	Upper
266	100		
264	63.7	52.1	78.1
268	63.3	51.0	76.4





#77
Pyrene
Concen: 21.46 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Tgt Ion:202 Resp: 2781544

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.2	15.2
100	10.3	8.2	12.4