Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009026.D
Acq On : 24 Feb 2017 20:53
Operator : SJ/MA
Sample : I1943-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DABQ2MSD

Quant Time: Feb 25 00:30:54 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 25 00:25:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	156216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	611082	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	373307	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	916517	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1275014	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1279629	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	25246	6.49	ng/uL	0.00
5) Phenol-d5	7.05	99	91387	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	329078	32.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	245391	26.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	159521	15.34	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	149510	34.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	160866	34.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	296574	29.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	8467	0.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	1107534	44.07	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1234166	39.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	33017	7.52	ng/ul	0.00
57) Fluorene-d10	15.53	176	998191	42.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	193703	35.12	ng/ul	0.00
70) Anthracene-d10	17.39	188	1713800	39.49	ng/ul	0.00
76) Pyrene-d10	19.67	212	2115540	38.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	2249011	38.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	65015	14.30	ng/uL#	70
6) Phenol	7.08	94	102776	6.88	ng/ul#	65
10) 2-Chlorophenol	7.46	128	250302	25.47	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.70	70	354775	32.14	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.97	107	337394	29.66	ng/ul	96
49) Acenaphthene	14.60	153	854411	39.55	ng/ul	98
52) 4-Nitrophenol	14.74	109	48283	8.59	ng/ul#	79
54) 2,4-Dinitrotoluene	14.90	165	316382	44.70	ng/ul#	71
68) Pentachlorophenol	16.93	266	264745	37.30	ng/ul#	87
77) Pyrene	19.70	202	2708911	38.04	ng/ul#	95

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

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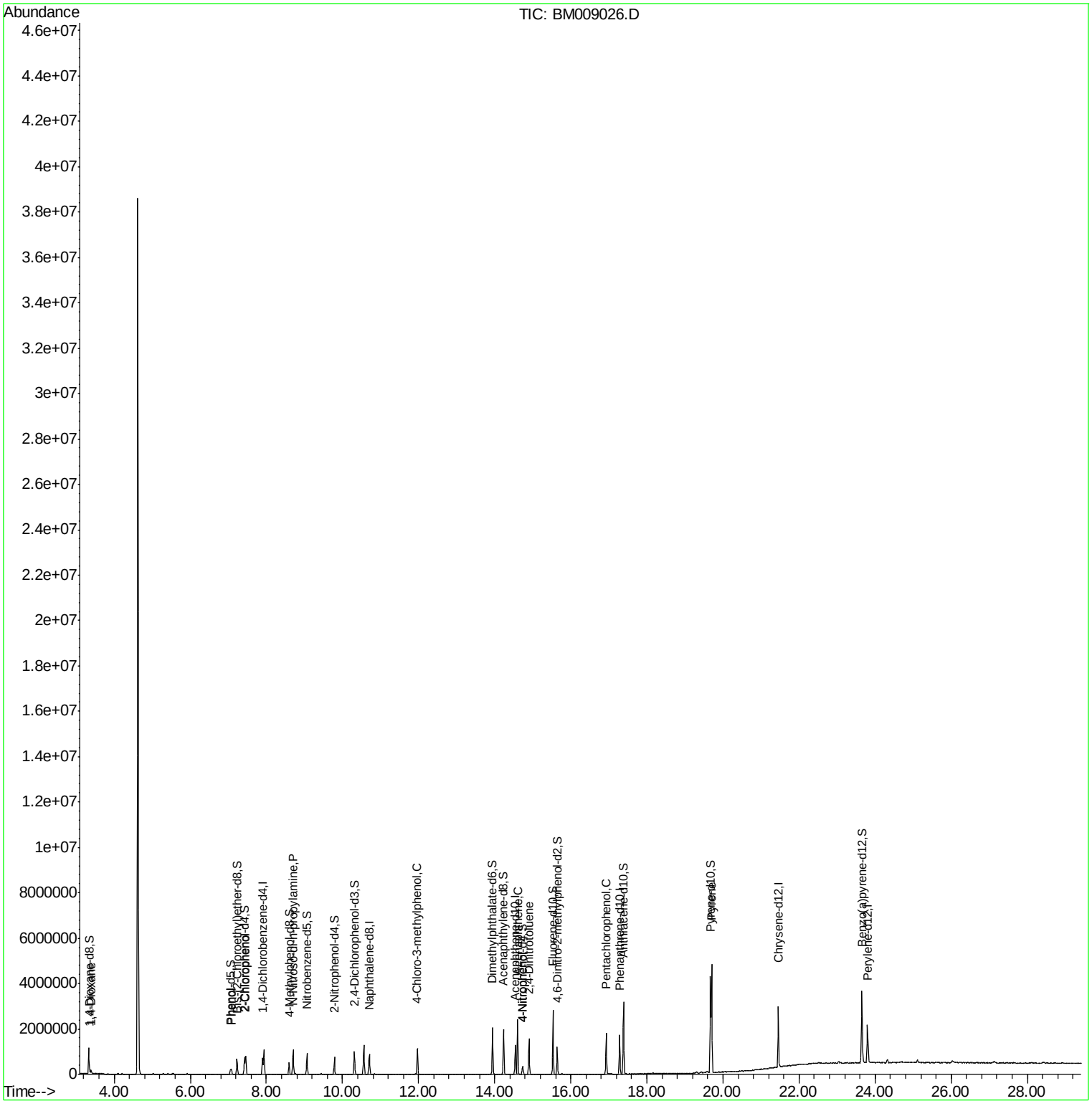
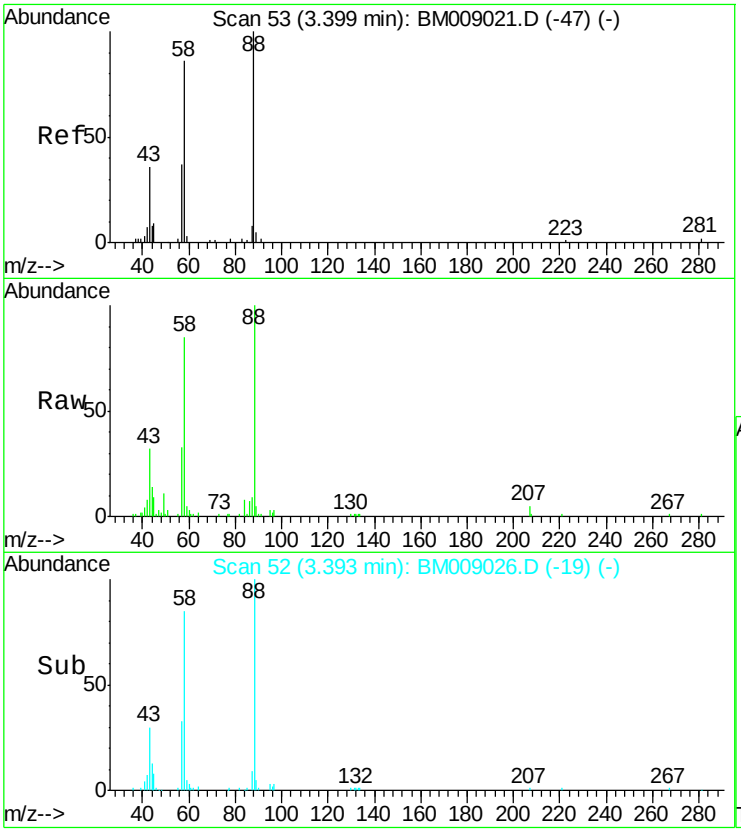


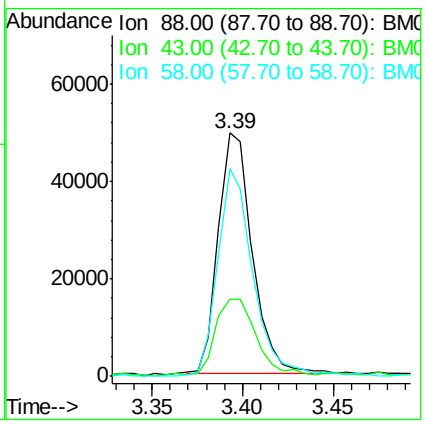


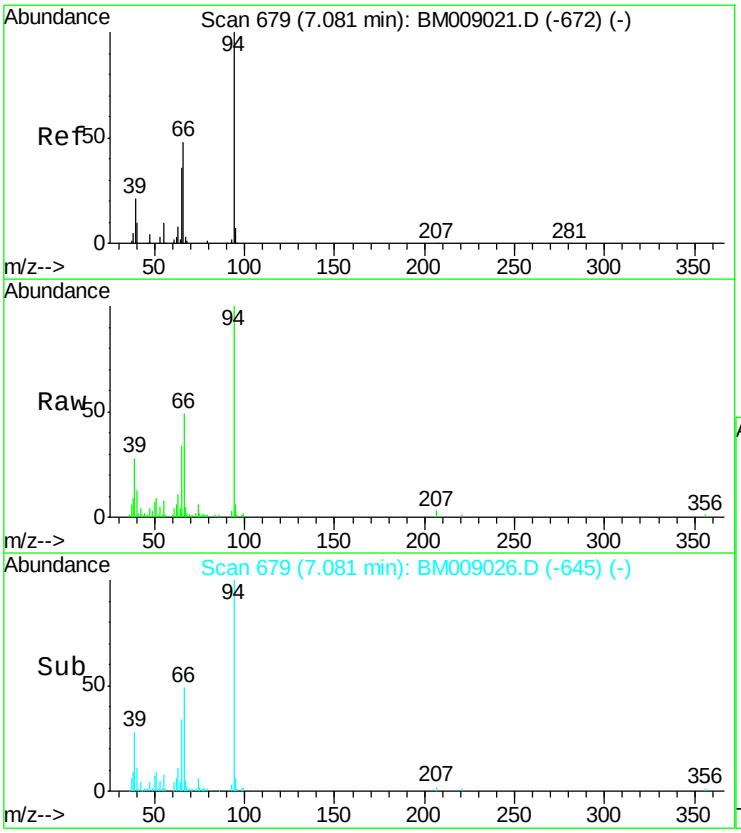
#2
1,4-Dioxane
Concen: 14.30 ng/uL
RT: 3.39 min Scan# 52
Delta R.T. -0.01 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Instrument :
BNA_M
ClientSampleId :
DABQ2MSD

Tgt Ion: 88 Resp: 65015

Ion	Ratio	Lower	Upper
88	100		
43	38.6	59.0	88.4#
58	86.1	87.4	131.2#

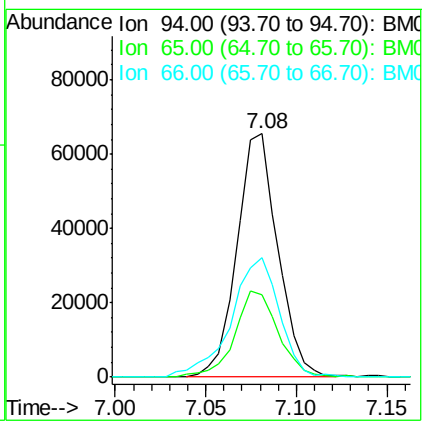


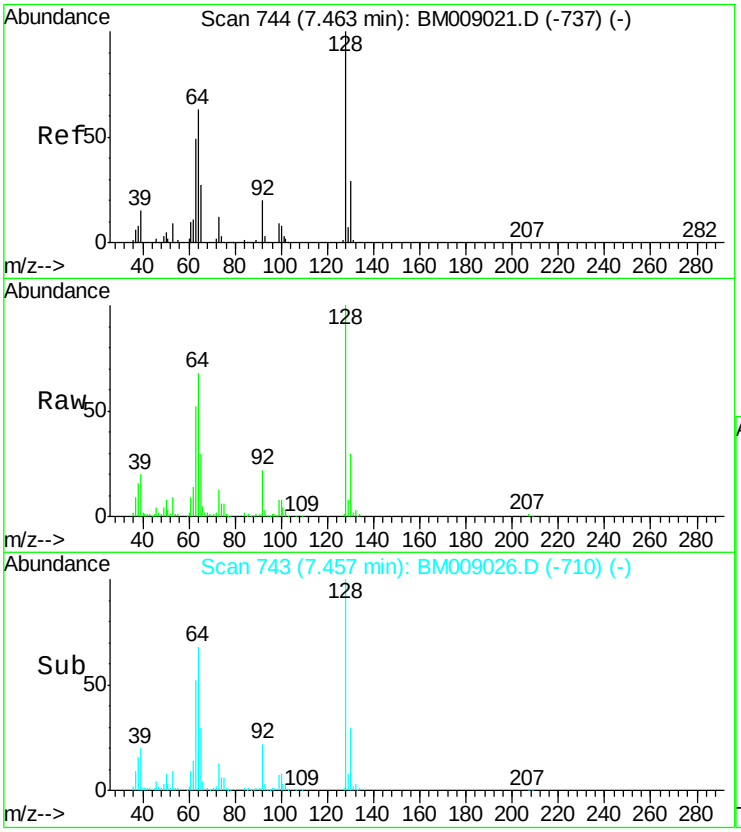


#6
Phenol
Concen: 6.88 ng/ul
RT: 7.08 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Tgt Ion: 94 Resp: 102776

Ion	Ratio	Lower	Upper
94	100		
65	33.6	39.8	59.6#
66	49.2	69.9	104.9#



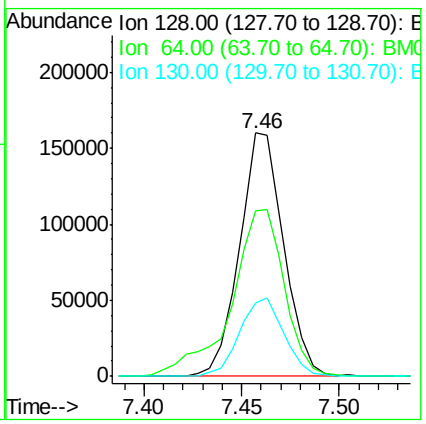


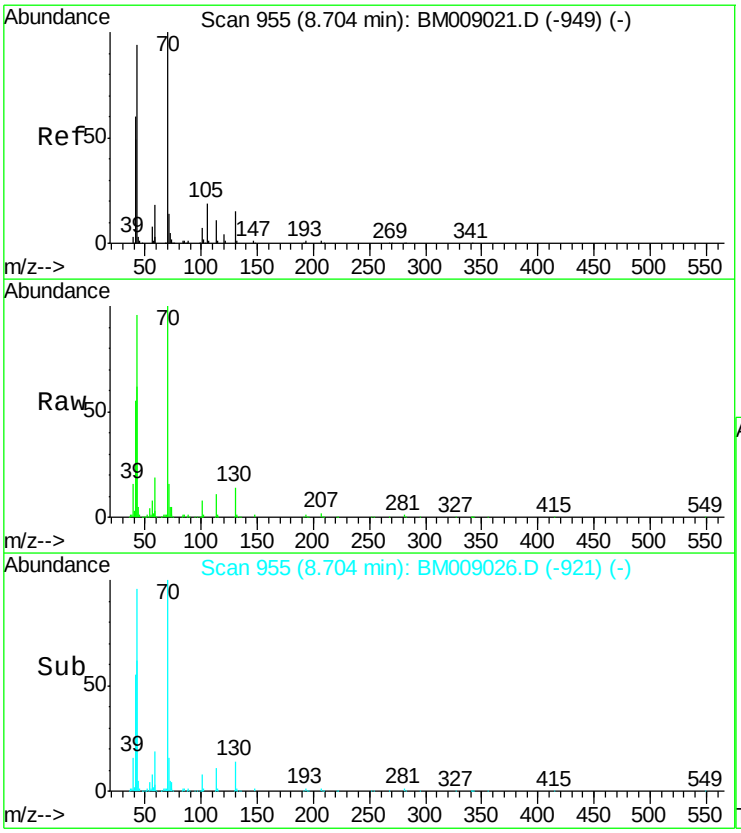
#10
2-Chlorophenol
Concen: 25.47 ng/ul
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Instrument :
BNA_M
ClientSampleId :
DABQ2MSD

Tgt Ion:128 Resp: 250302

Ion	Ratio	Lower	Upper
128	100		
64	67.8	76.6	115.0#
130	30.4	26.5	39.7

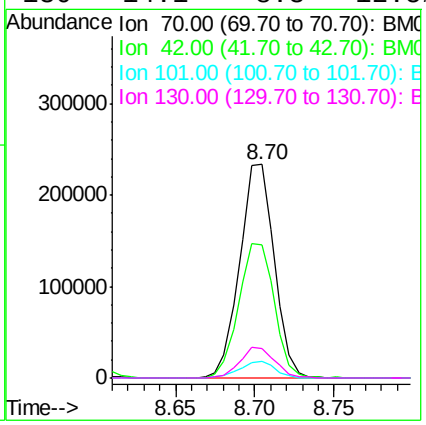


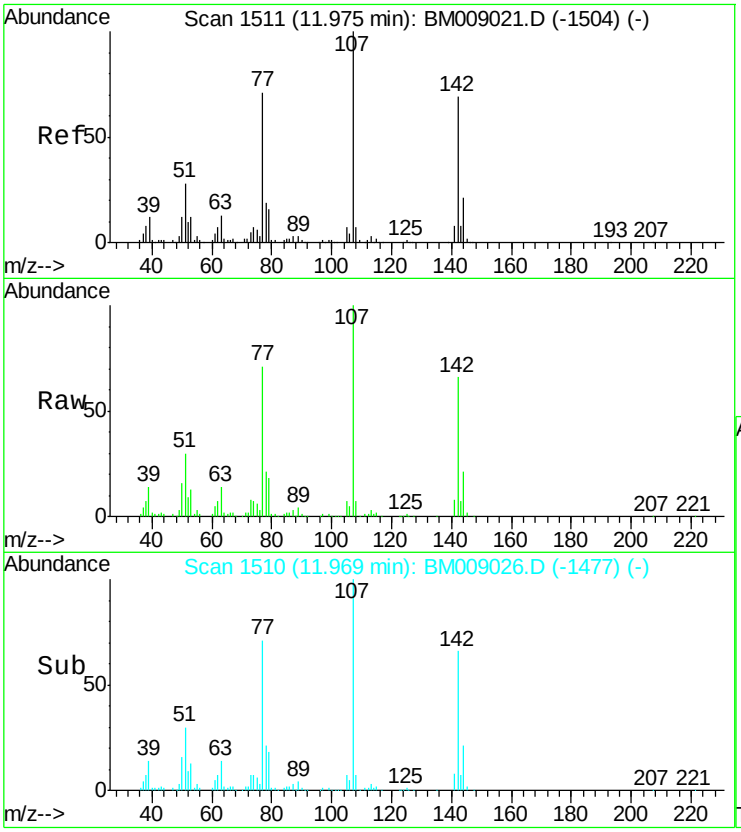


#15
N-Nitroso-di-n-propylamine
Concen: 32.14 ng/ul
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Tgt Ion: 70 Resp: 354775

Ion	Ratio	Lower	Upper
70	100		
42	62.3	64.2	96.2#
101	8.0	5.1	7.7#
130	14.1	8.3	12.5#



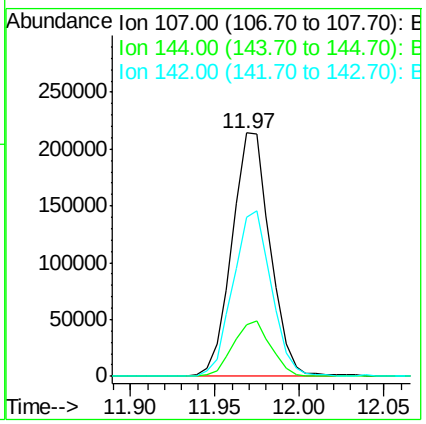


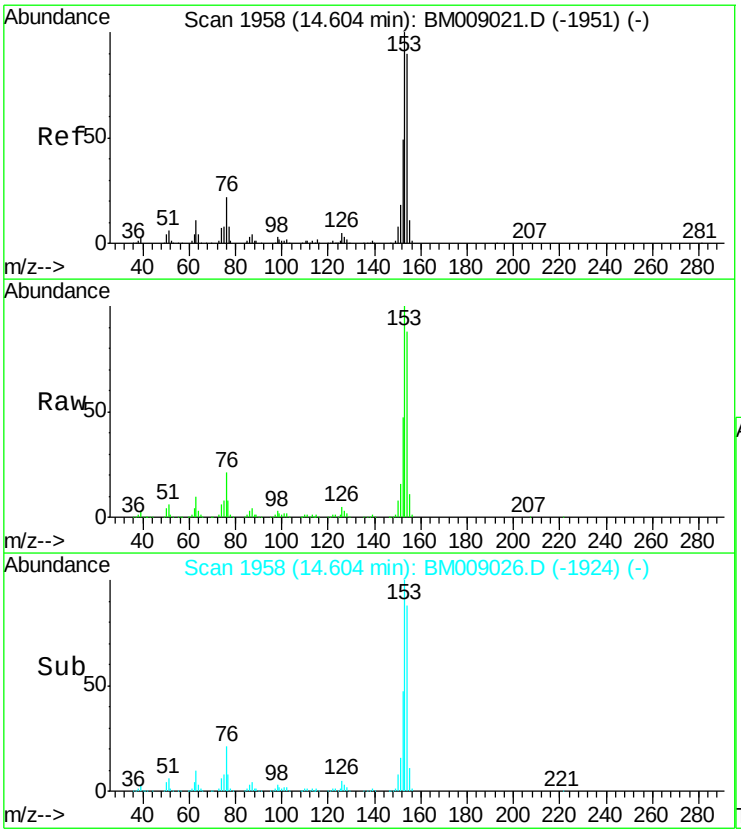
#33
4-Chloro-3-methylphenol
Concen: 29.66 ng/ul
RT: 11.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Instrument :
BNA_M
ClientSampleId :
DABQ2MSD

Tgt Ion:107 Resp: 337394

Ion	Ratio	Lower	Upper
107	100		
144	21.2	14.4	21.6
142	65.6	50.7	76.1

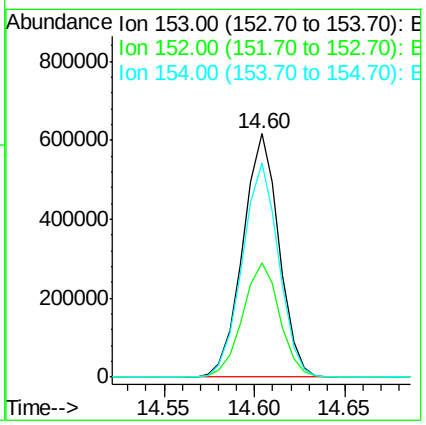


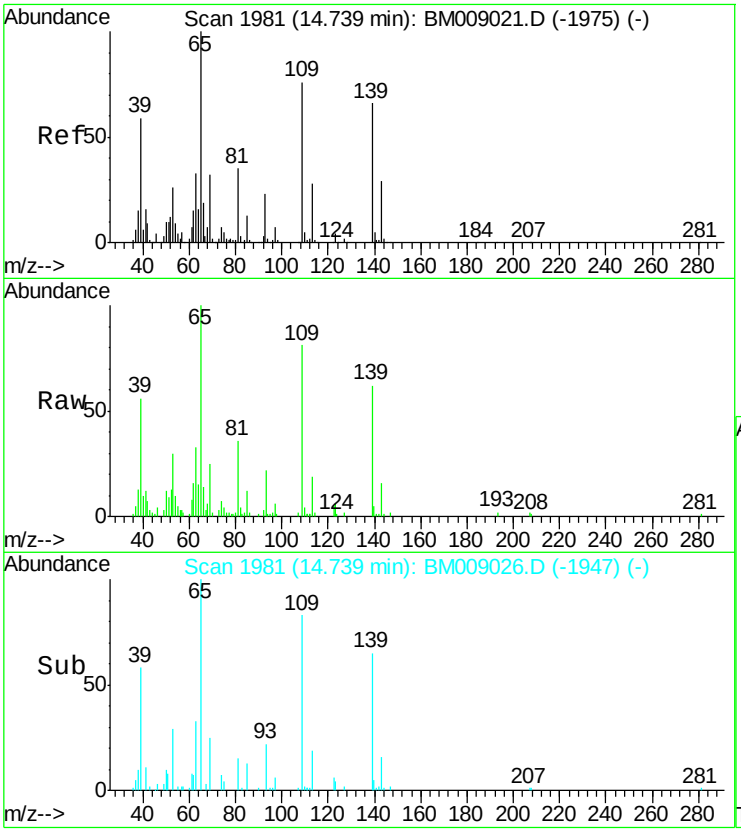


#49
Acenaphthene
Concen: 39.55 ng/ul
RT: 14.60 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Tgt Ion:153 Resp: 854411

Ion	Ratio	Lower	Upper
153	100		
152	47.0	36.7	55.1
154	87.8	68.3	102.5



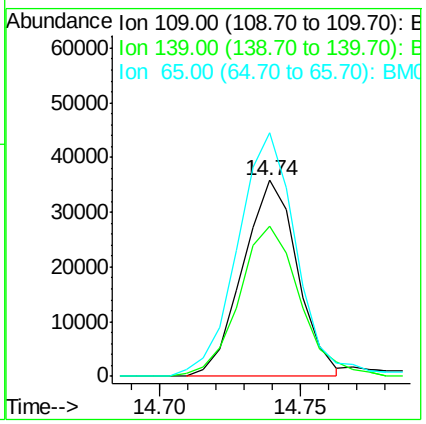


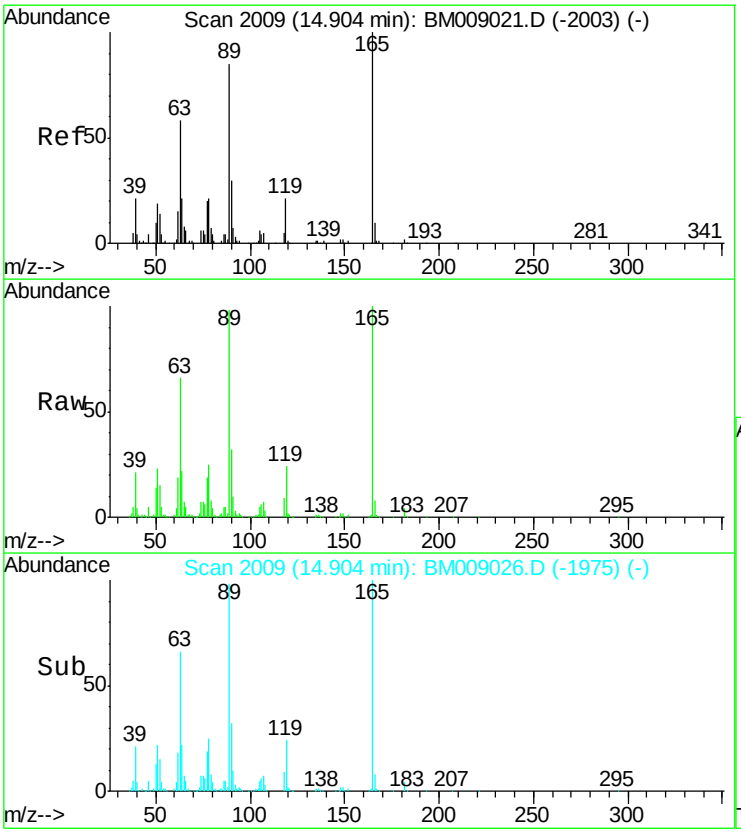
#52
4-Nitrophenol
Concen: 8.59 ng/ul
RT: 14.74 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Instrument :
BNA_M
ClientSampleId :
DABQ2MSD

Tgt Ion:109 Resp: 48283

Ion	Ratio	Lower	Upper
109	100		
139	76.9	33.9	50.9#
65	124.1	92.2	138.2

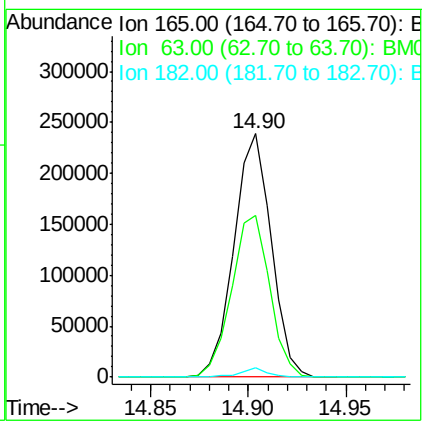


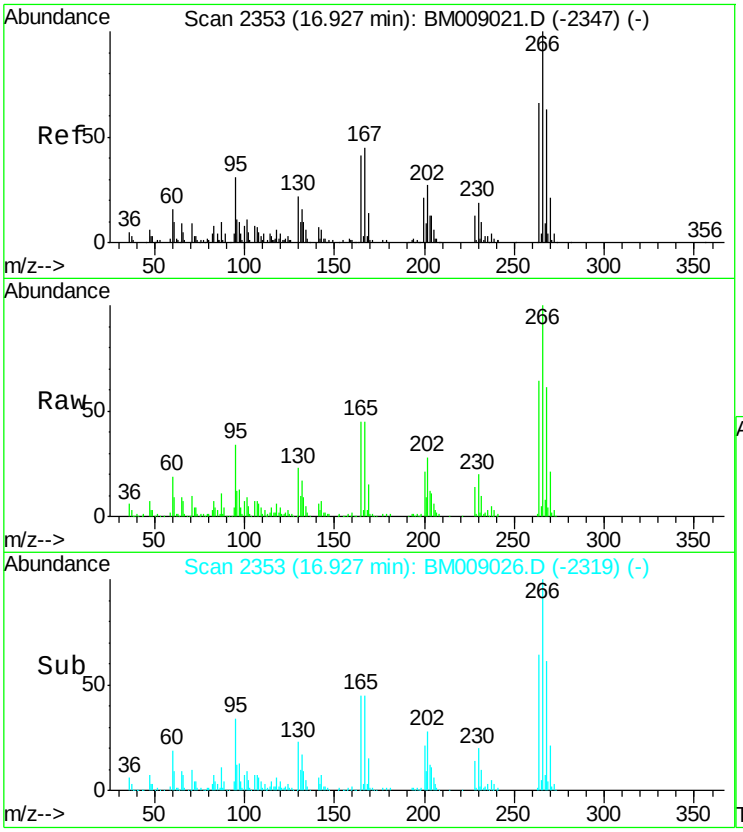


#54
2,4-Dinitrotoluene
Concen: 44.70 ng/ul
RT: 14.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Tgt Ion:165 Resp: 316382

Ion	Ratio	Lower	Upper
165	100		
63	66.4	75.7	113.5#
182	3.7	1.7	2.5#



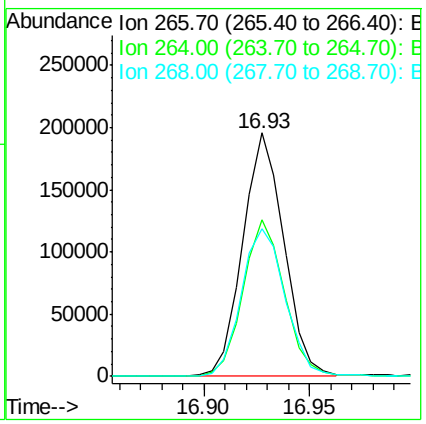


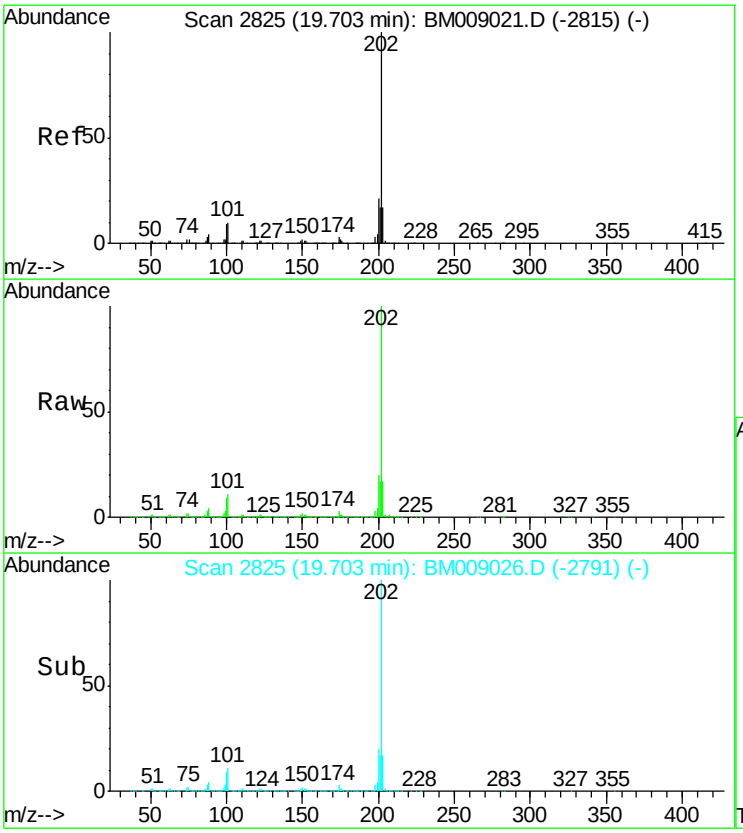
#68
Pentachlorophenol
Concen: 37.30 ng/ul
RT: 16.93 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Instrument :
BNA_M
ClientSampleId :
DABQ2MSD

Tgt Ion:266 Resp: 264745

Ion	Ratio	Lower	Upper
266	100		
264	64.1	54.8	82.2
268	60.6	62.1	93.1#





#77
Pyrene
Concen: 38.04 ng/ul
RT: 19.70 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM009026.D
Acq: 24 Feb 2017 20:53

Tgt Ion:202 Resp: 2708911

Ion	Ratio	Lower	Upper
202	100		
101	10.8	6.2	9.4#
100	8.7	6.4	9.6