Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052516\
Data File : BM005646.D
Acq On : 25 May 2016 20:37
Operator : UM/SJ
Sample : H2890-13MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT7MSD

Quant Time: May 26 00:31:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 25 19:26:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	164997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	810973	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	496771	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	979394	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	611184	20.00	ng/ul	0.02
83) Perylene-d12	23.66	264	675598	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	7424	1.97	ng/uL	0.00
5) Phenol-d5	6.97	99	229830	16.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	121867	15.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	182849	16.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	198712	17.93	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	92809	14.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	110784	16.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	205006	15.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	140430	10.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	665564	16.41	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	838553	16.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	108597	14.16	ng/ul	0.00
57) Fluorene-d10	15.42	176	603602	17.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	77827	13.82	ng/ul	0.00
70) Anthracene-d10	17.27	188	828705	17.76	ng/ul	0.00
76) Pyrene-d10	19.57	212	621997	22.47	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.51	264	533082	16.90	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.00	94	247163	17.74	ng/ul	92
10) 2-Chlorophenol	7.36	128	186047	16.43	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	142226	16.14	ng/ul	96
33) 4-Chloro-3-methylphenol	11.88	107	255143	18.38	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	181302	4.35	ng/ul	99
44) Dimethylphthalate	13.88	163	264437	6.60	ng/ul	100
49) Acenaphthene	14.49	153	566482	16.68	ng/ul	99
52) 4-Nitrophenol	14.67	109	86597	11.24	ng/ul#	85
54) 2,4-Dinitrotoluene	14.80	165	202443	17.12	ng/ul	98
68) Pentachlorophenol	16.83	266	94490	12.66	ng/ul	98
77) Pyrene	19.60	202	807806	22.99	ng/ul	97

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

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Acq On : 25 May 2016 20:37
Operator : UM/SJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WT7MSD

Quant Time: May 26 00:31:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
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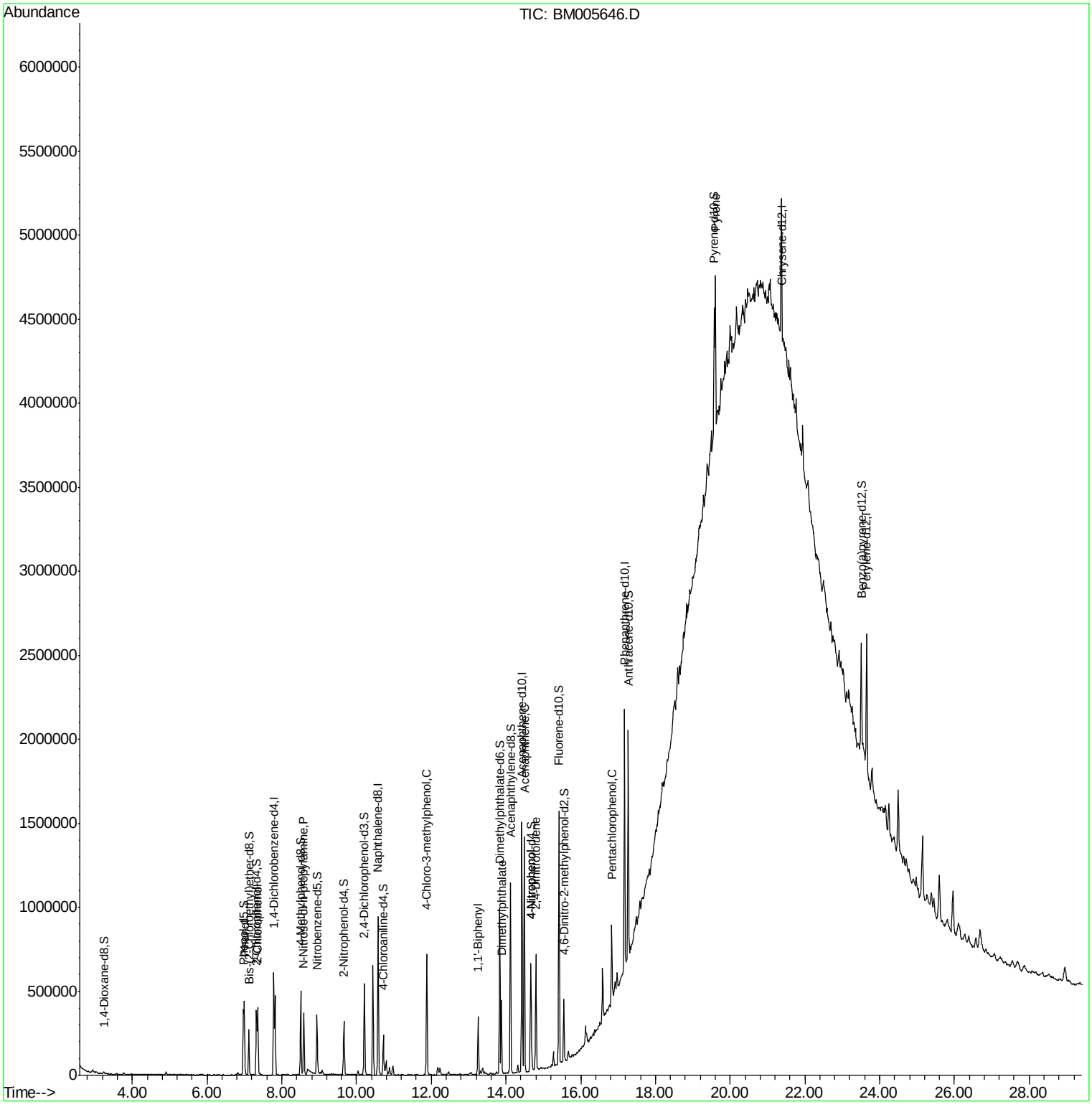
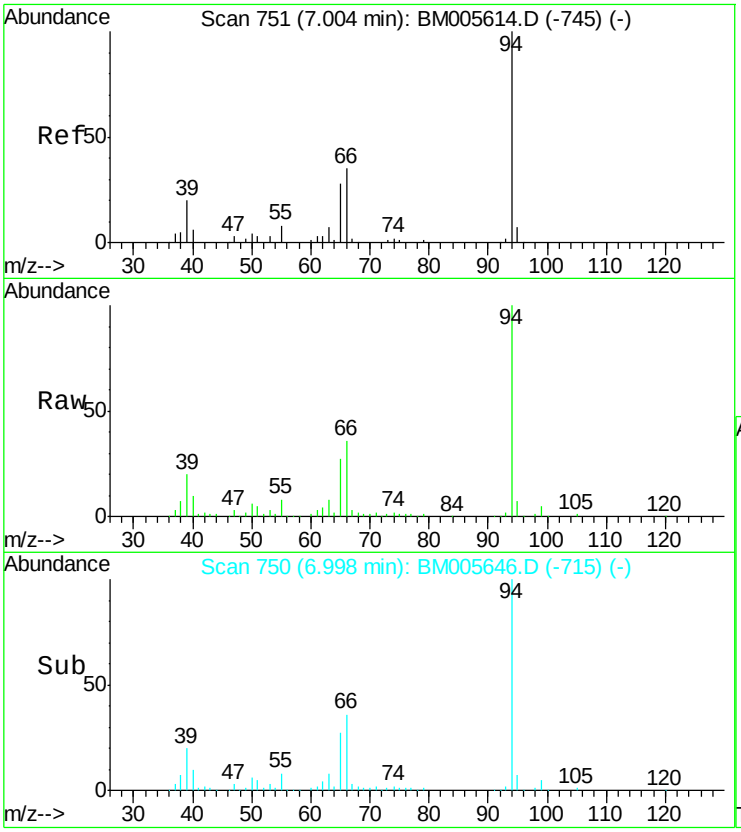


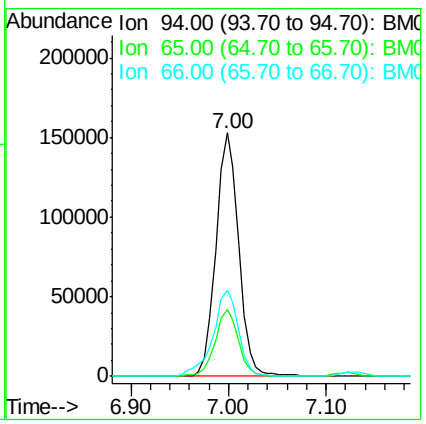


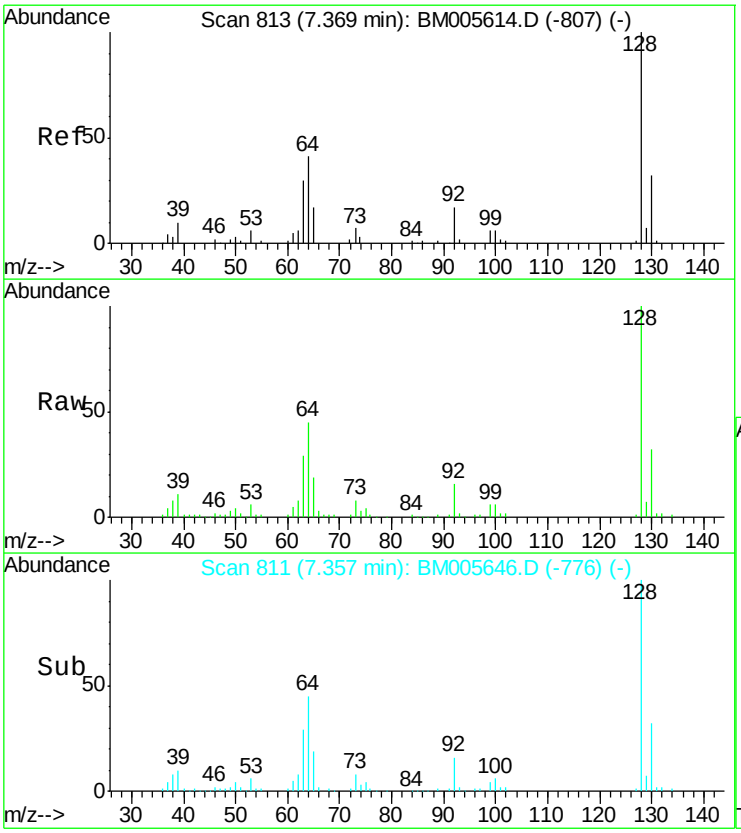
#6
Phenol
Concen: 17.74 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. 0.01 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Instrument :
BNA_M
ClientSampleId :
D9WT7MSD

Tgt Ion: 94 Resp: 247163

Ion	Ratio	Lower	Upper
94	100		
65	27.5	24.2	36.2
66	35.7	33.9	50.9

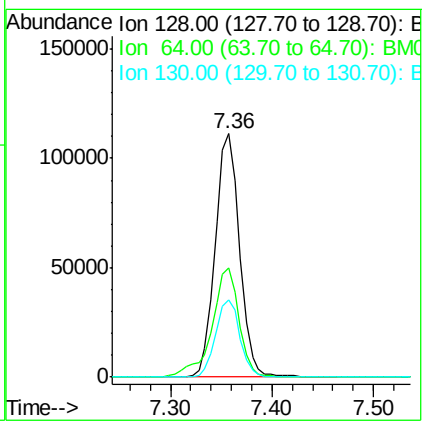


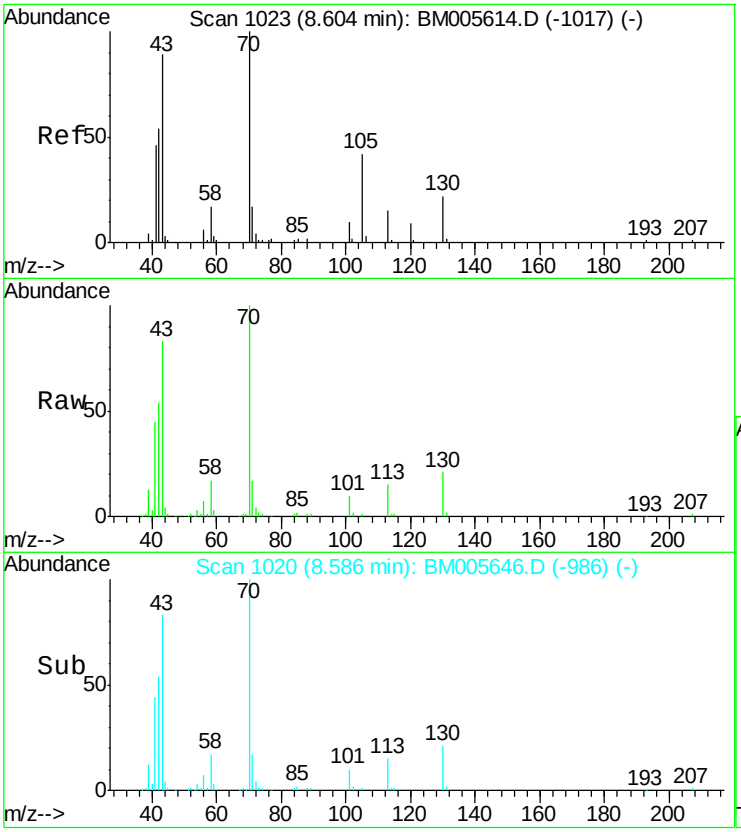


#10
2-Chlorophenol
Concen: 16.43 ng/ul
RT: 7.36 min Scan# 811
Delta R.T. 0.01 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Tgt Ion:128 Resp: 186047

Ion	Ratio	Lower	Upper
128	100		
64	44.7	37.3	55.9
130	31.9	26.6	40.0



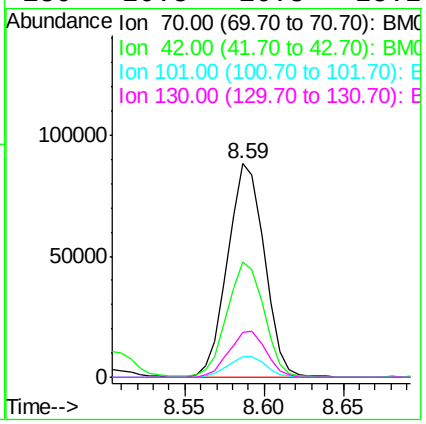


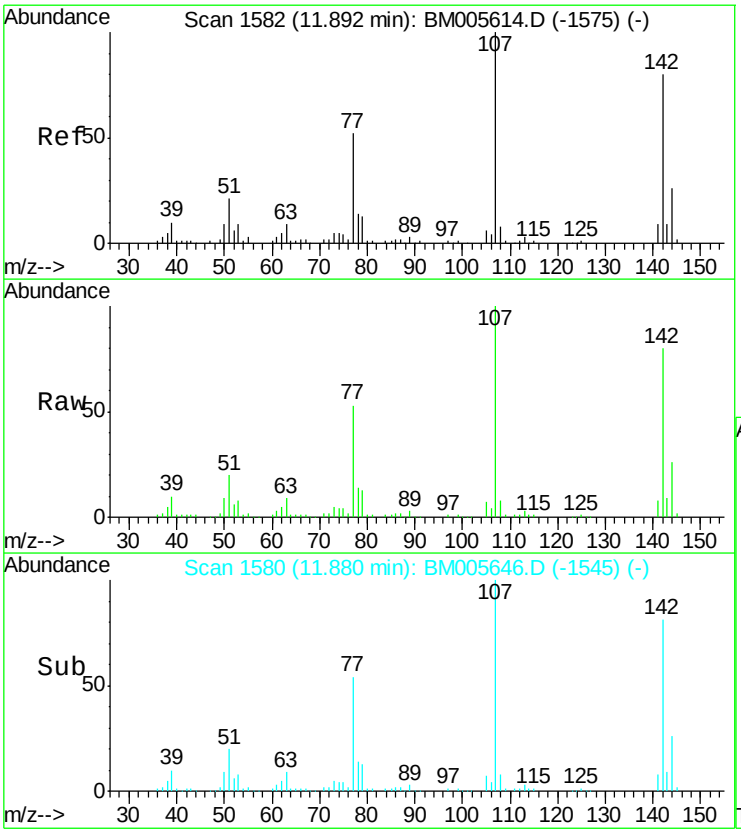
#15
N-Nitroso-di-n-propylamine
Concen: 16.14 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Instrument :
BNA_M
ClientSampleId :
D9WT7MSD

Tgt Ion: 70 Resp: 142226

Ion	Ratio	Lower	Upper
70	100		
42	53.8	46.1	69.1
101	9.6	8.0	12.0
130	20.8	16.8	25.2

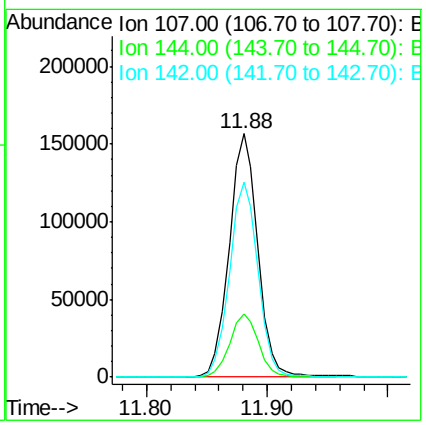


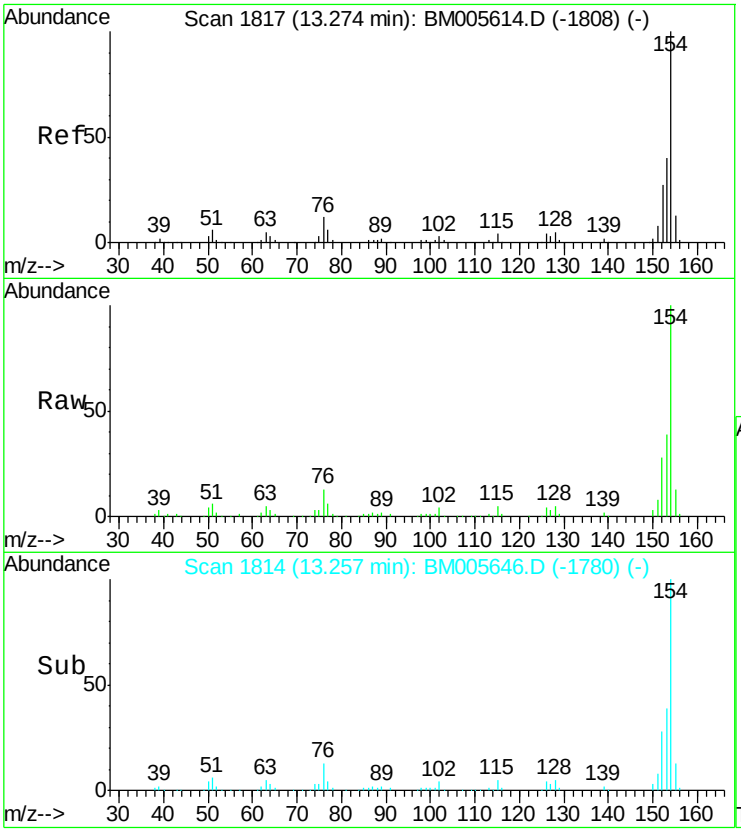


#33
4-Chloro-3-methylphenol
Concen: 18.38 ng/ul
RT: 11.88 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Tgt Ion:107 Resp: 255143

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.6	31.0
142	80.3	63.5	95.3



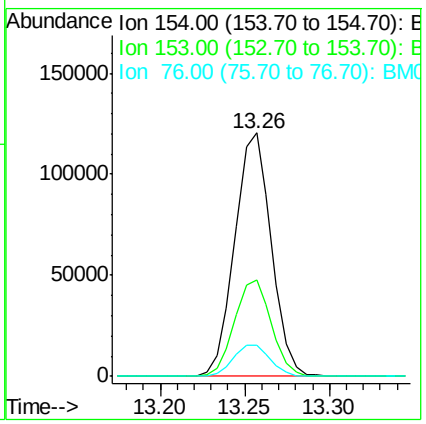


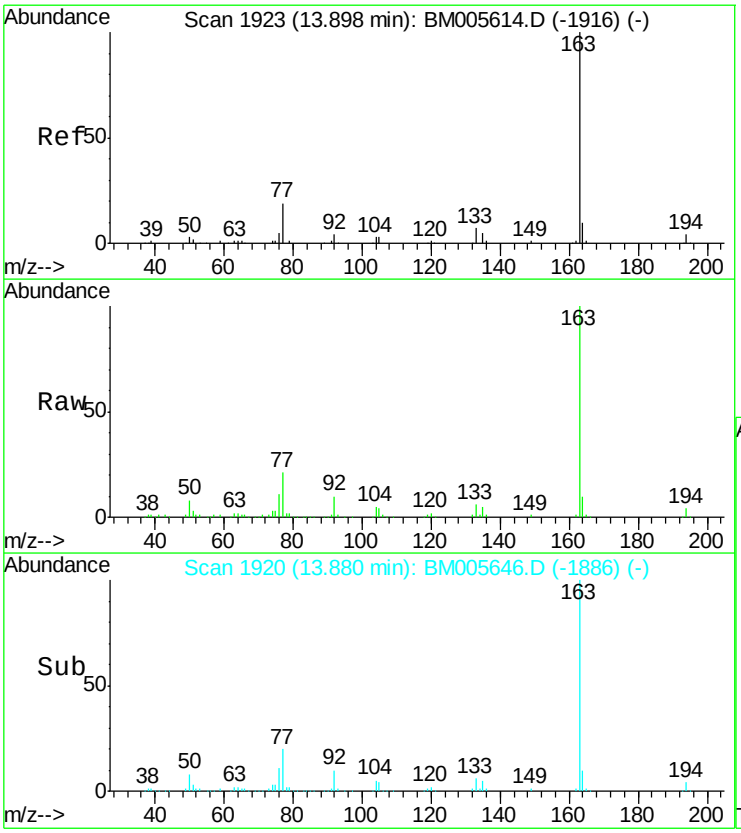
#40
1,1'-Biphenyl
Concen: 4.35 ng/ul
RT: 13.26 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Instrument :
BNA_M
ClientSampleId :
D9WT7MSD

Tgt Ion:154 Resp: 181302

Ion	Ratio	Lower	Upper
154	100		
153	39.4	31.7	47.5
76	12.9	10.1	15.1

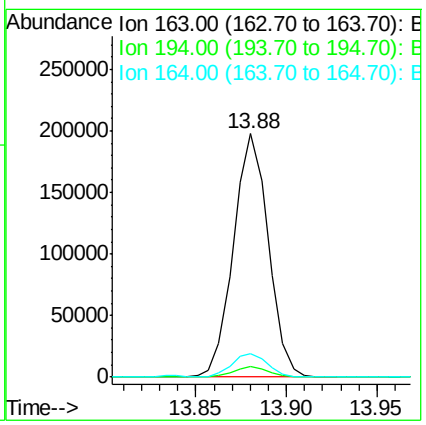


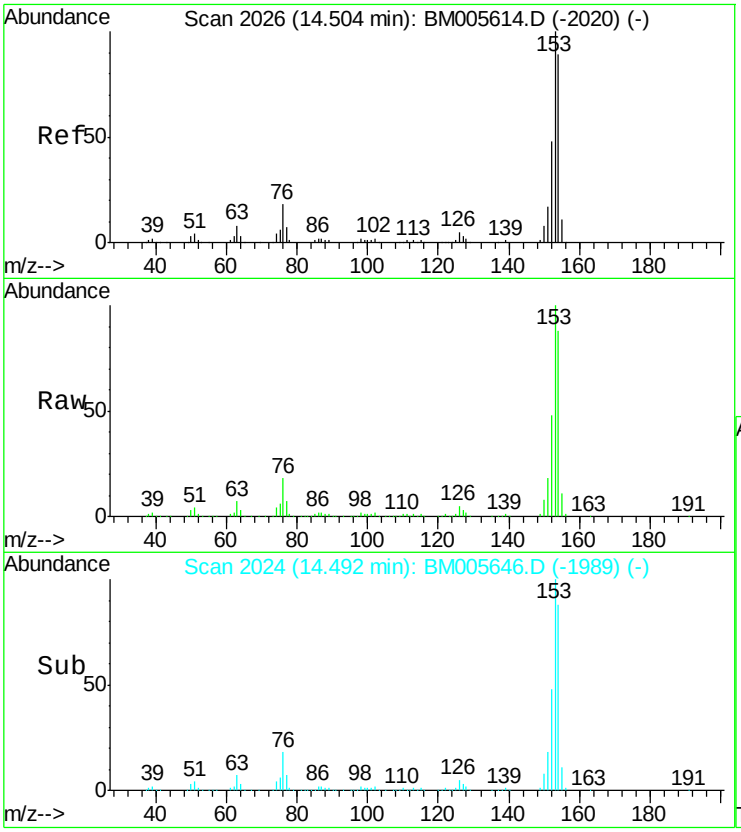


#44
Dimethylphthalate
Concen: 6.60 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Tgt Ion:163 Resp: 264437

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.0	12.0



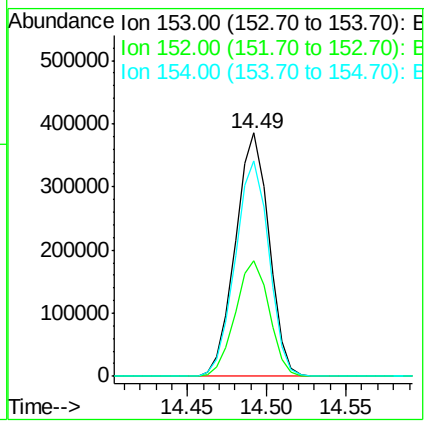


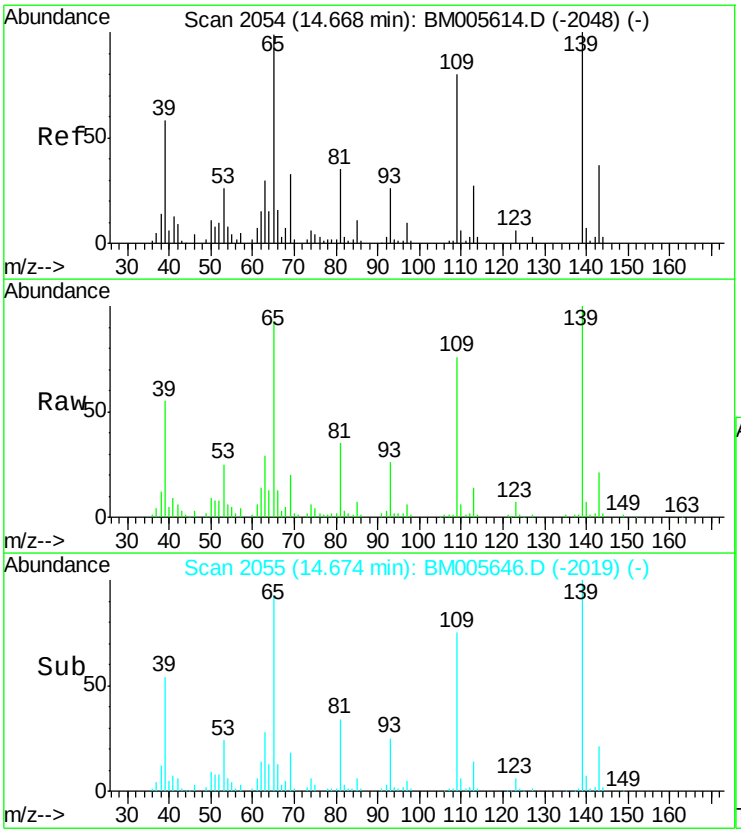
#49
Acenaphthene
Concen: 16.68 ng/ul
RT: 14.49 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Instrument :
BNA_M
ClientSampleId :
D9WT7MSD

Tgt Ion:153 Resp: 566482

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.8	56.6
154	88.5	71.1	106.7

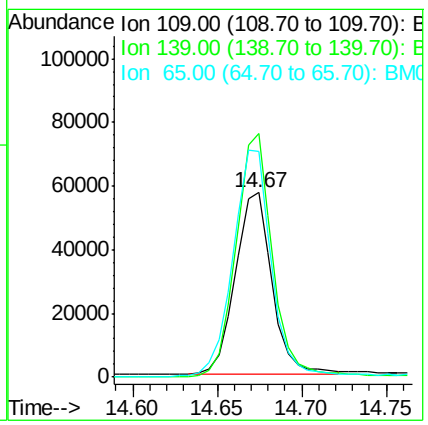


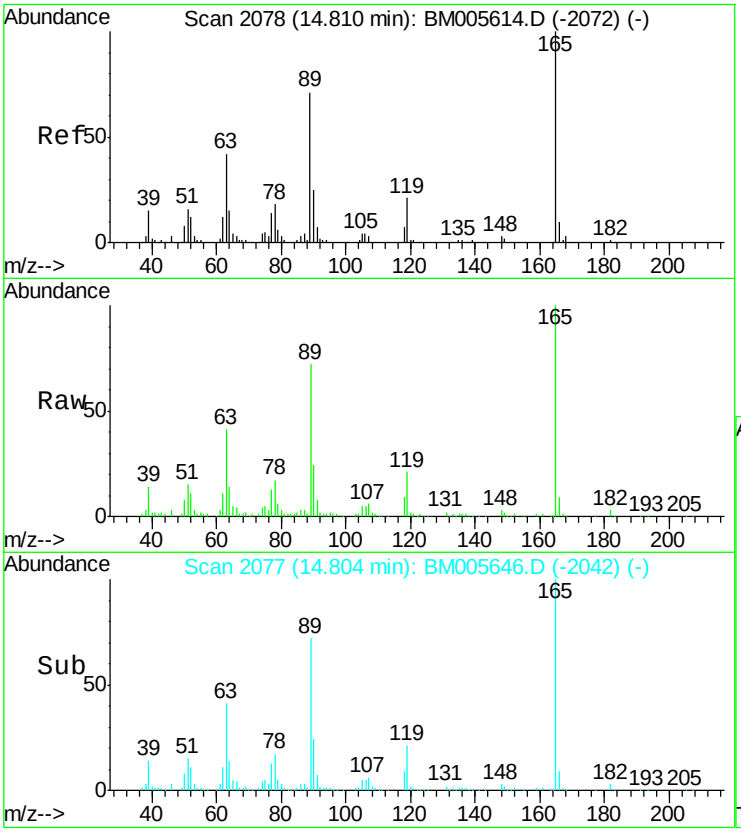


#52
4-Nitrophenol
Concen: 11.24 ng/ul
RT: 14.67 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Tgt Ion:109 Resp: 86597

Ion	Ratio	Lower	Upper
109	100		
139	132.1	87.5	131.3#
65	122.7	90.2	135.2



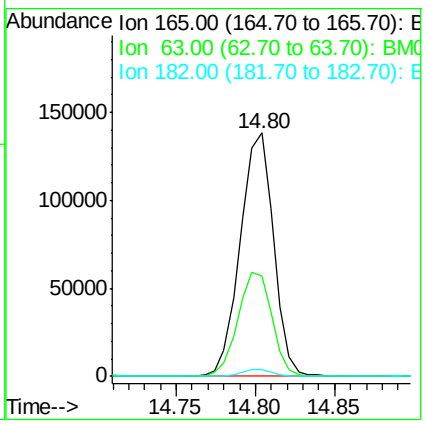


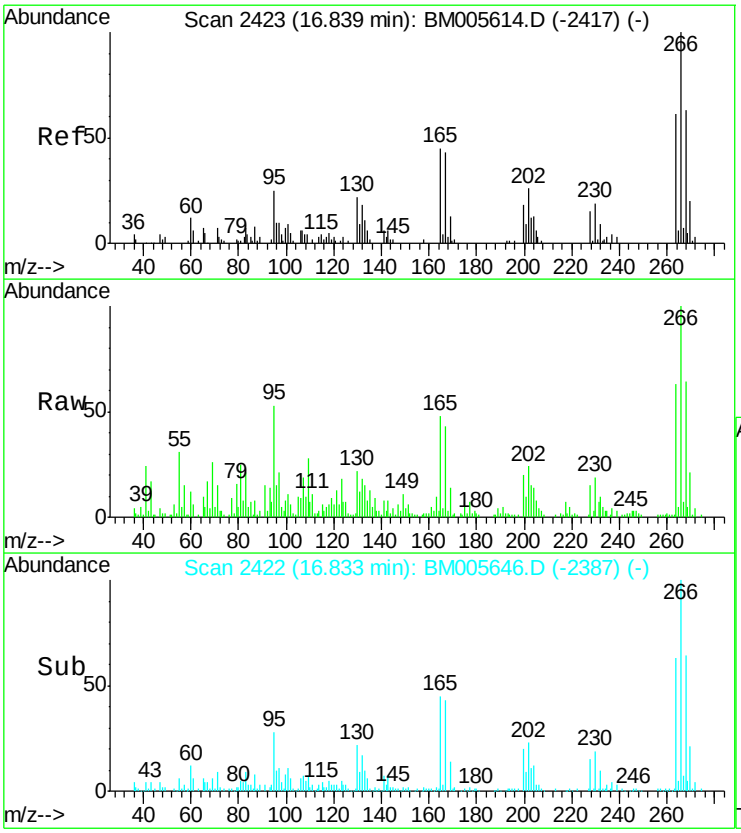
#54
2,4-Dinitrotoluene
Concen: 17.12 ng/ul
RT: 14.80 min Scan# 2077
Delta R.T. 0.01 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Instrument :
BNA_M
ClientSampleId :
D9WT7MSD

Tgt Ion:165 Resp: 202443

Ion	Ratio	Lower	Upper
165	100		
63	41.0	33.9	50.9
182	2.8	2.3	3.5

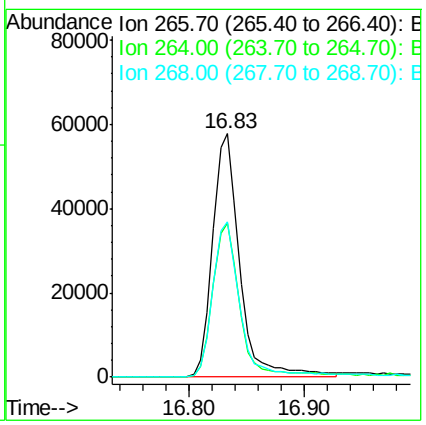


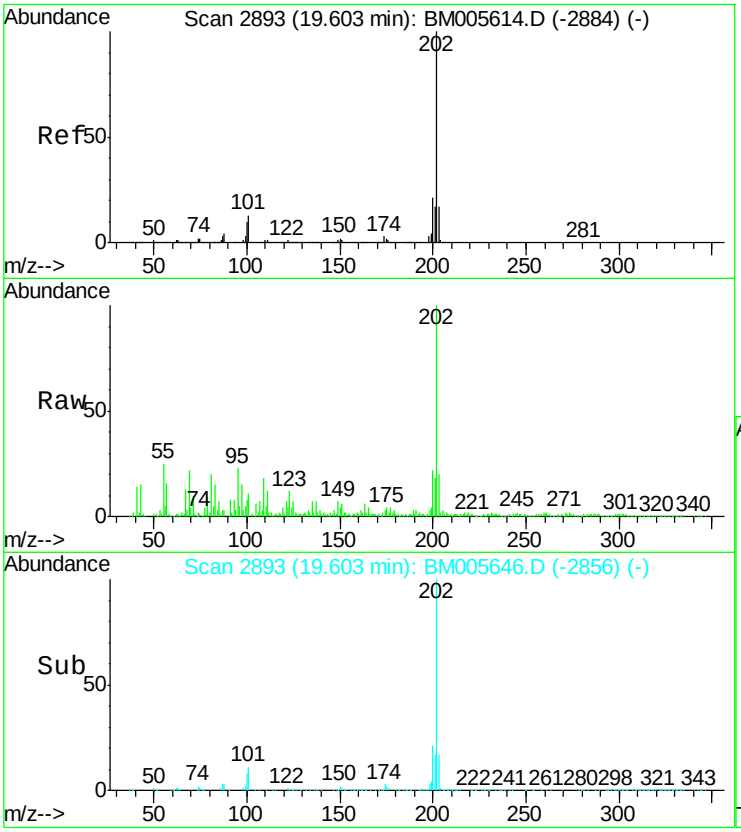


#68
Pentachlorophenol
Concen: 12.66 ng/ul
RT: 16.83 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Tgt Ion:266 Resp: 94490

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.9	76.3
268	63.8	52.8	79.2





#77
Pyrene
Concen: 22.99 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. 0.02 min
Lab File: BM005646.D
Acq: 25 May 2016 20:37

Instrument :
BNA_M
ClientSampleId :
D9WT7MSD

Tgt Ion:202 Resp: 807806

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.6	14.4
100	8.4	7.8	11.6