Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
Data File : BM005065.D
Acq On : 26 Apr 2016 03:08
Operator : UM/SJ
Sample : H2584-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q1

Quant Time: Apr 26 03:47:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 26 00:45:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	21888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	92538	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.44	164	88830	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	208305	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	244116	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	217632	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	2142	4.97	ng/uL	0.00
5) Phenol-d5	6.97	99	50742	28.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	104909	101.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	126284	88.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	92014	59.94	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	78960	123.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	91566	128.06	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.23	165	152650	112.38	ng/ul	0.02
29) 4-Chloroaniline-d4	10.76	131	7452	4.68	ng/ul	0.04
43) Dimethylphthalate-d6	13.85	166	505920	72.12	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	595807	71.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	28737	23.43	ng/ul	0.01
57) Fluorene-d10	15.44	176	423538	68.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	97238	82.07	ng/ul	0.00
70) Anthracene-d10	17.29	188	660127	70.67	ng/ul	0.00
76) Pyrene-d10	19.59	212	750100	67.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	719558	73.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	1866	2.34	ng/uL	96
4) Benzaldehyde	6.95	77	2579	2.87	ng/ul#	1
6) Phenol	6.99	94	7184	3.81	ng/ul#	86
11) 2-Methylphenol	8.25	108	8697	5.90	ng/ul	95
14) Acetophenone	8.63	105	6974	3.02	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	2264	1.96	ng/ul#	56
16) 4-Methylphenol	8.56	108	20924	12.76	ng/ul	93
17) Hexachloroethane	8.90	117	4976	8.49	ng/ul#	3
20) Nitrobenzene	8.97	77	2050	1.30	ng/ul#	12
21) Isophorone	9.69	82	8046	2.69	ng/ul#	70
24) 2,4-Dimethylphenol	9.81	107	15053	9.00	ng/ul#	92
28) Naphthalene	10.74	128	17369980	3721.70	ng/ul	97
30) 4-Chloroaniline	10.74	127	2493482	1538.20	ng/ul#	21
34) 2-Methylnaphthalene	12.26	142	1064706	308.18	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	200804	28.58	ng/ul	99
44) Dimethylphthalate	13.90	163	8865	1.26	ng/ul#	97
47) Acenaphthylene	14.16	152	153215	17.33	ng/ul	97
49) Acenaphthene	14.51	153	691709	118.93	ng/ul	99
52) 4-Nitrophenol	14.50	109	2516	2.29	ng/ul#	75
53) Dibenzofuran	14.84	168	748123	87.22	ng/ul	97
58) Fluorene	15.49	166	663197	99.60	ng/ul	99
60) 4-Nitroaniline	15.49	138	8166	5.48	ng/ul#	15
69) Phenanthrene	17.23	178	1210885	109.23	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
Data File : BM005065.D
Acq On : 26 Apr 2016 03:08
Operator : UM/SJ
Sample : H2584-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q1

Quant Time: Apr 26 03:47:34 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 26 00:45:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	17.32	178	285496	25.55	ng/ul	99
72) Carbazole	17.59	167	573894	59.89	ng/ul	99
74) Fluoranthene	19.24	202	320760	26.29	ng/ul	98
77) Pyrene	19.61	202	195491	13.86	ng/ul	98
80) Benzo(a)anthracene	21.36	228	26465	1.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	10041	1.32	ng/ul	98
82) Chrysene	21.36	228	26465	1.98	ng/ul	96
85) Benzo(b)fluoranthene	22.97	252	14090	1.07	ng/ul	96
86) Benzo(k)fluoranthene	22.97	252	14090	1.11	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
Data File : BM005065.D
Acq On : 26 Apr 2016 03:08
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Quant Title : SVOA CALIBRATION
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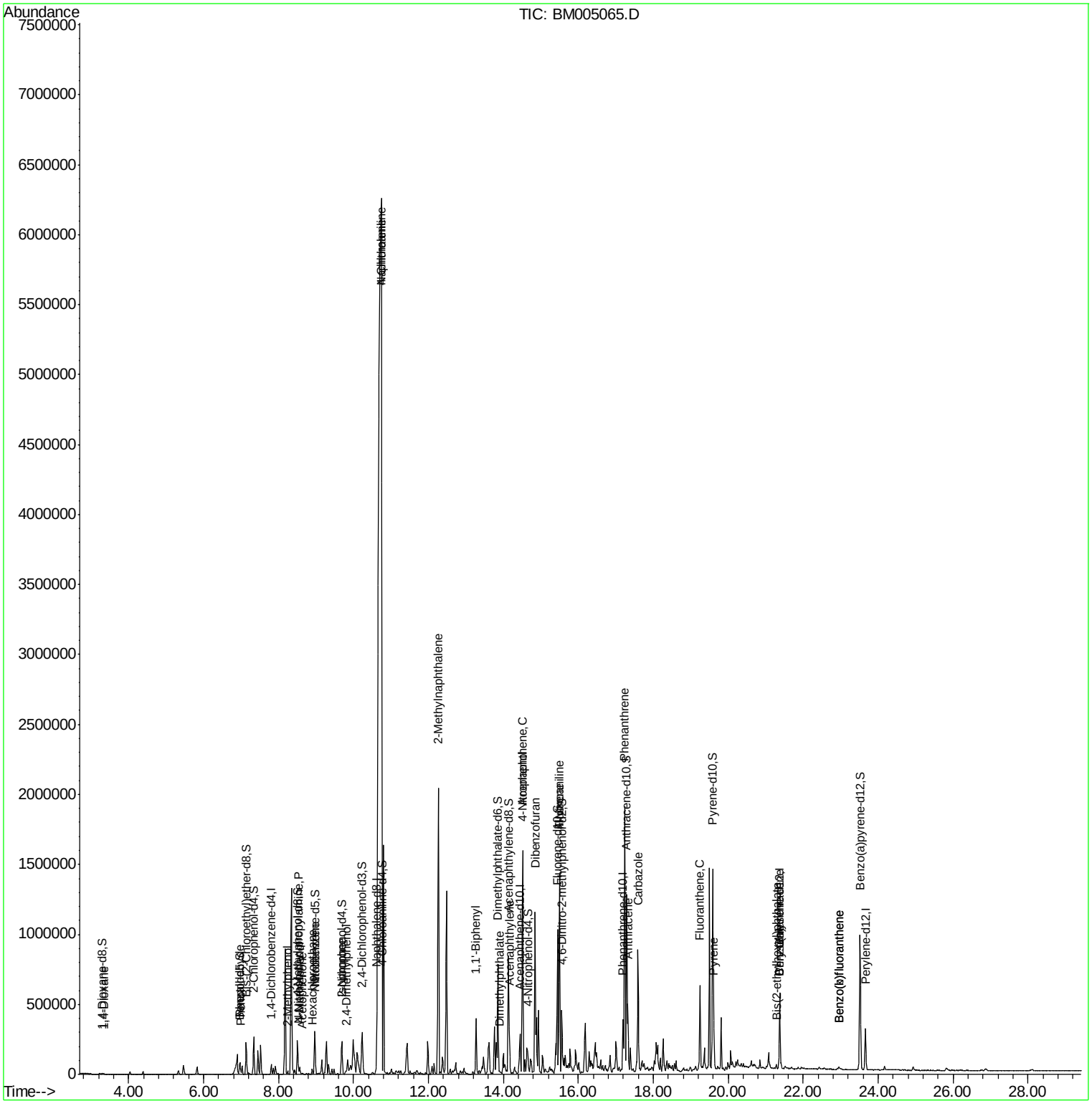
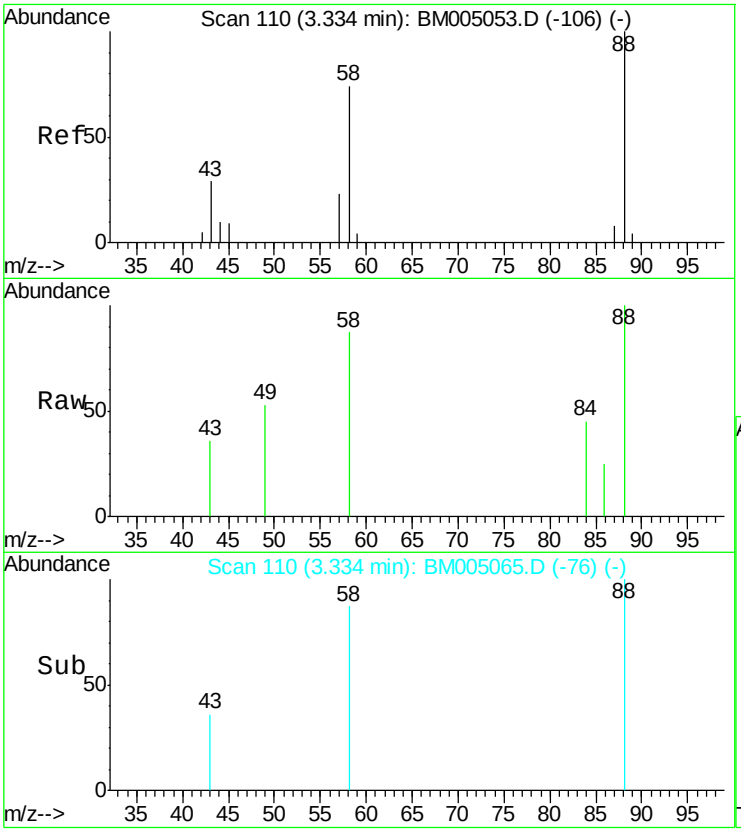
Response via : Initial Calibration



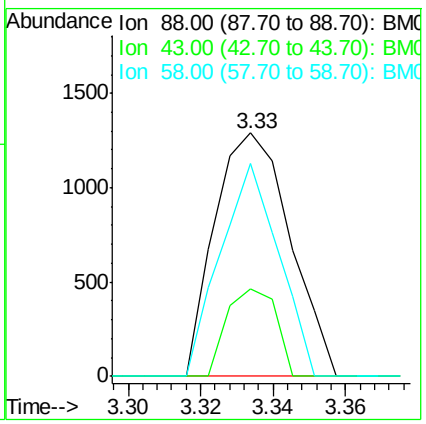


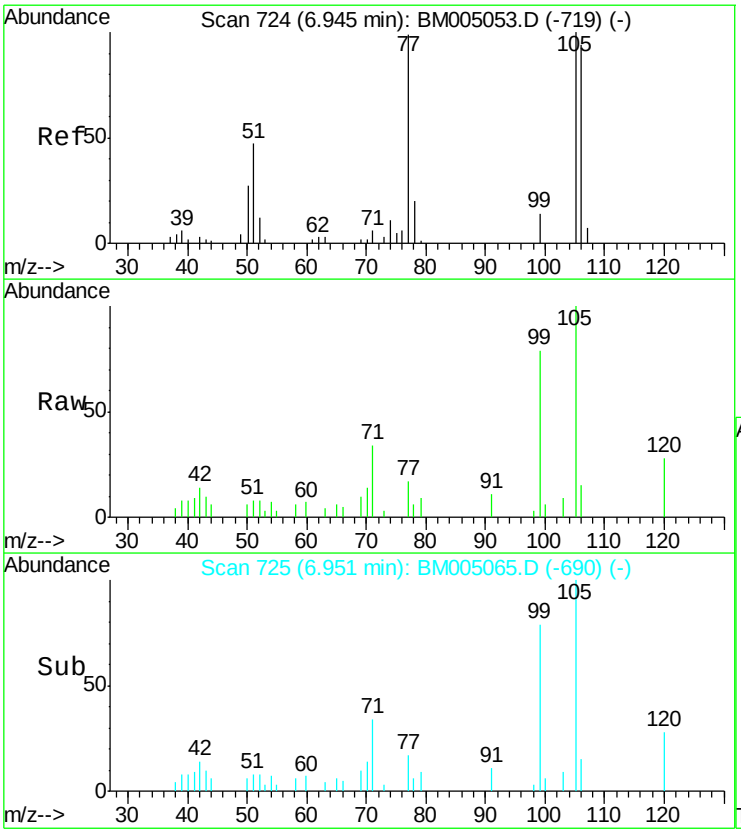
#2
1,4-Dioxane
Concen: 2.34 ng/uL
RT: 3.33 min Scan# 110
Delta R.T. 0.00 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion: 88 Resp: 1866

Ion	Ratio	Lower	Upper
88	100		
43	23.6	23.0	34.4
58	67.9	55.4	83.2

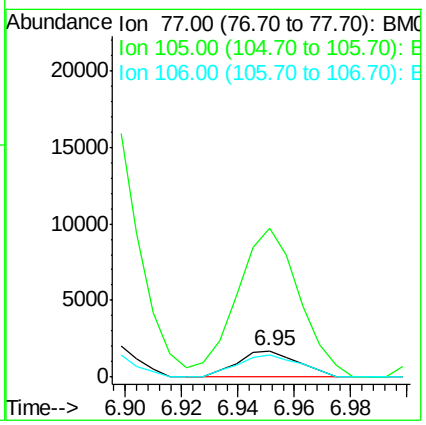


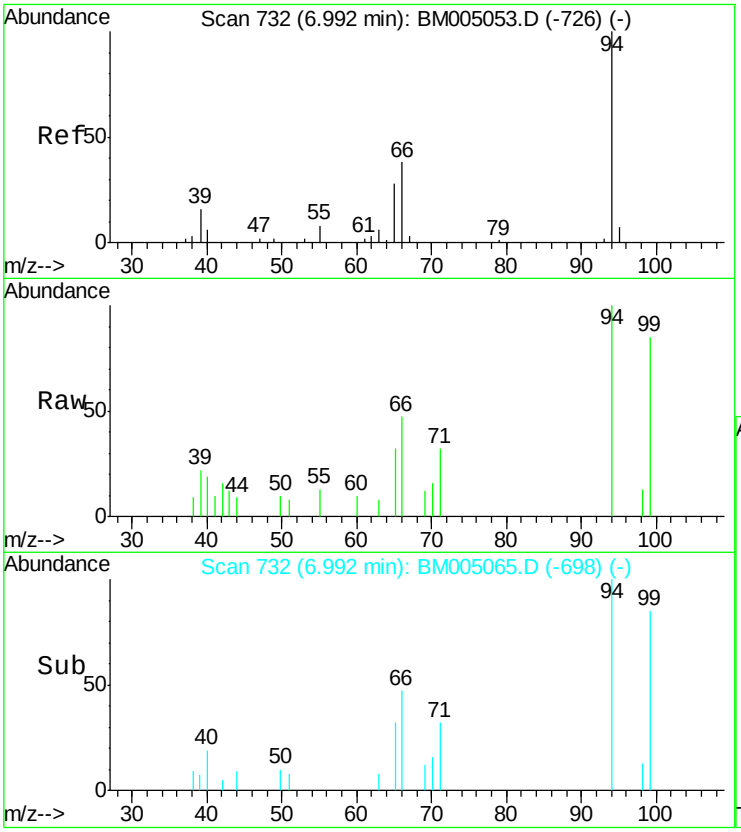


#4
Benzaldehyde
Concen: 2.87 ng/ul
RT: 6.95 min Scan# 725
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion: 77 Resp: 2579

Ion	Ratio	Lower	Upper
77	100		
105	573.3	81.3	121.9#
106	86.5	77.2	115.8



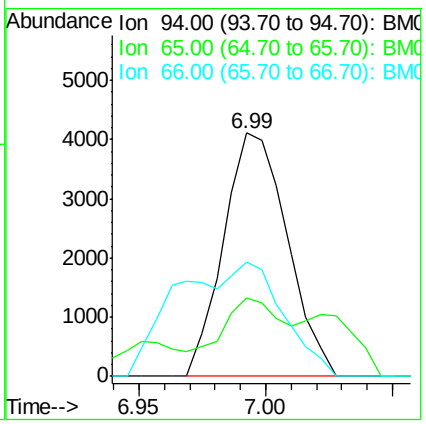


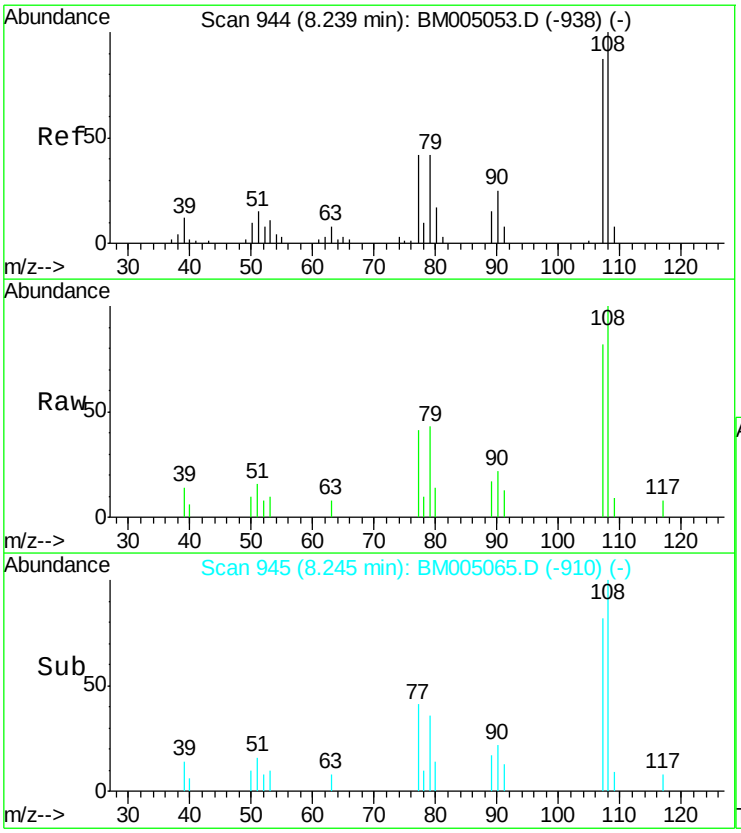
#6
Phenol
Concen: 3.81 ng/ul
RT: 6.99 min Scan# 732
Delta R.T. 0.00 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion: 94 Resp: 7184

Ion	Ratio	Lower	Upper
94	100		
65	32.0	21.6	32.4
66	47.2	29.6	44.4#

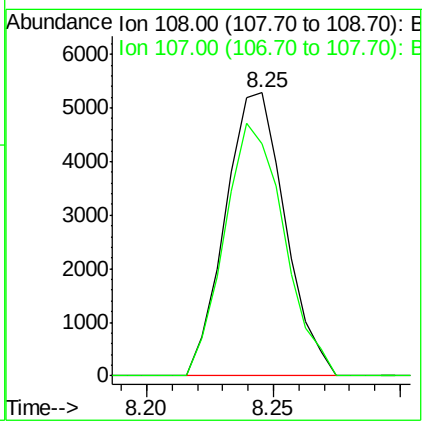


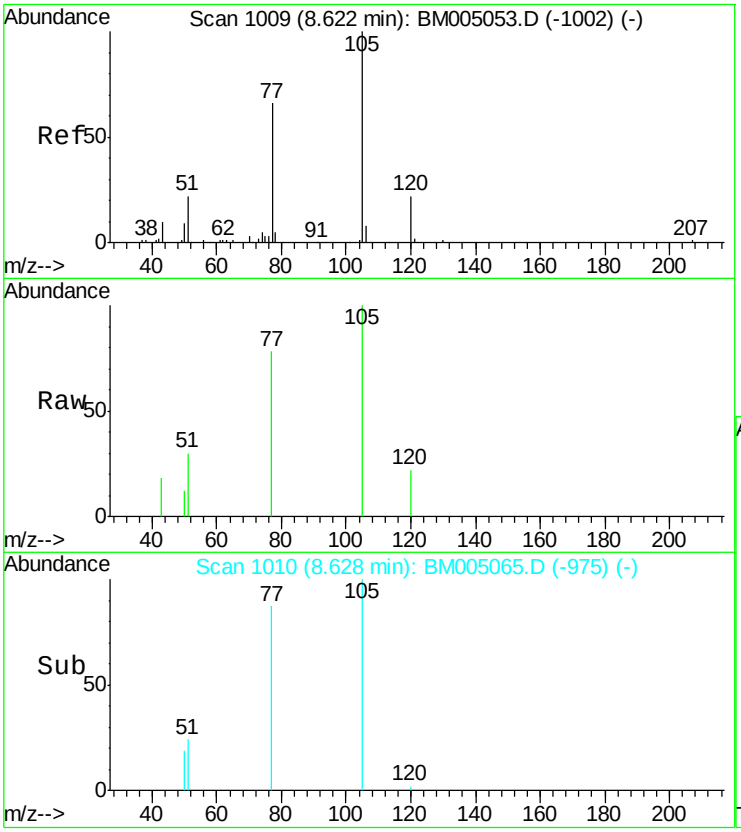


#11
2-Methylphenol
Concen: 5.90 ng/ul
RT: 8.25 min Scan# 945
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:108 Resp: 8697

Ion	Ratio	Lower	Upper
108	100		
107	82.2	69.4	104.0



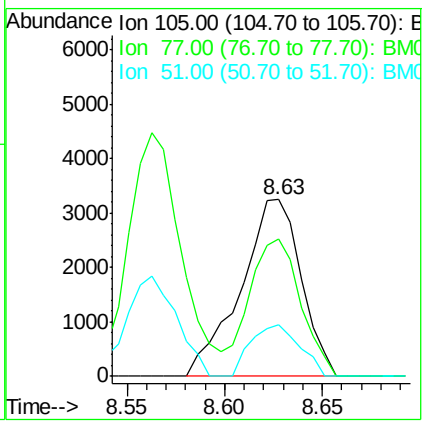


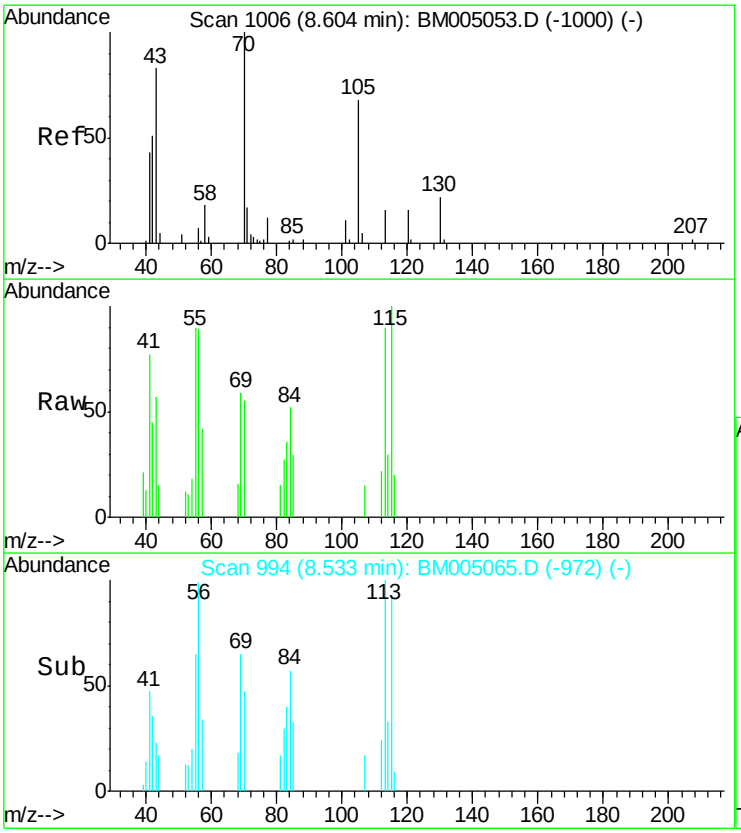
#14
Acetophenone
Concen: 3.02 ng/ul
RT: 8.63 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:105 Resp: 6974

Ion	Ratio	Lower	Upper
105	100		
77	77.8	61.4	92.0
51	29.5	20.0	30.0

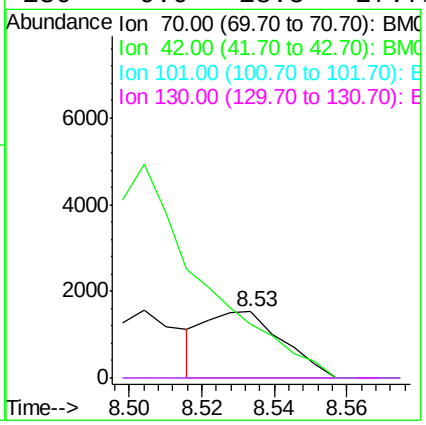


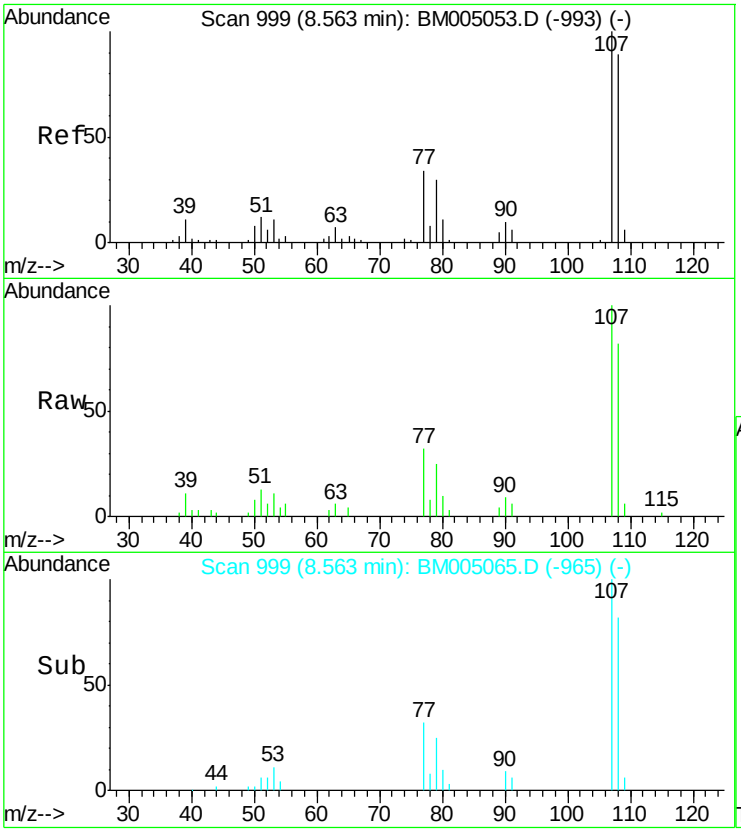


#15
N-Nitroso-di-n-propylamine
Concen: 1.96 ng/ul
RT: 8.53 min Scan# 994
Delta R.T. -0.07 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion: 70 Resp: 2264

Ion	Ratio	Lower	Upper
70	100		
42	82.1	40.6	60.8#
101	0.0	8.2	12.4#
130	0.0	18.5	27.7#



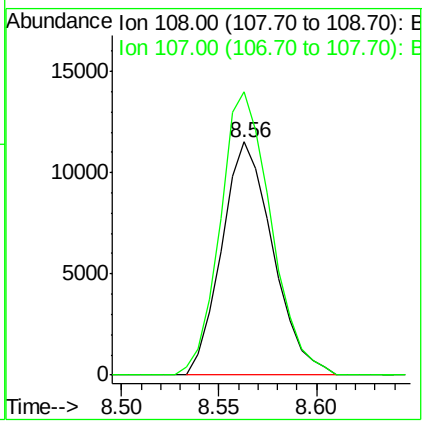


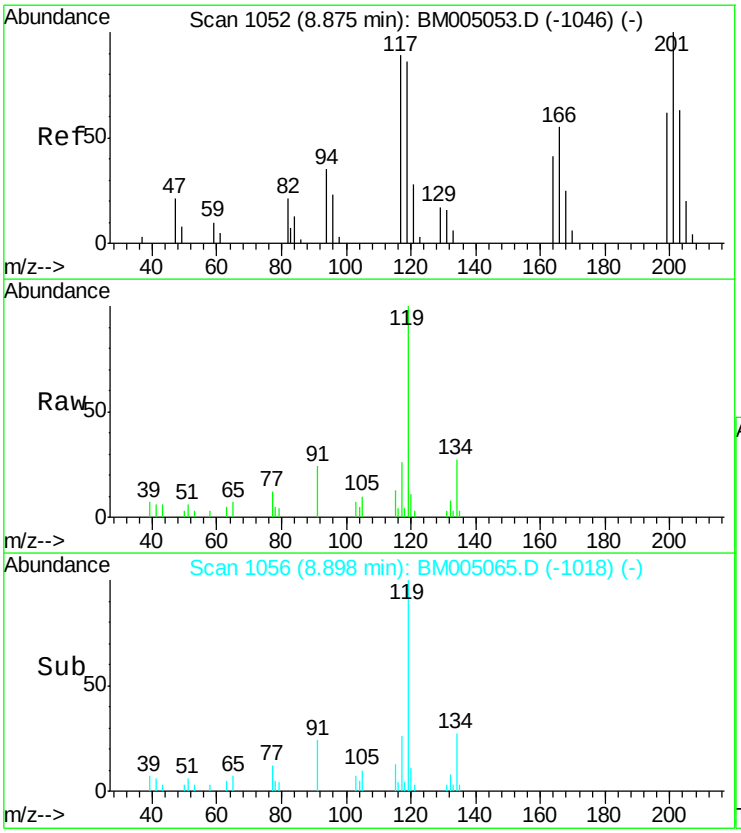
#16
4-Methylphenol
Concen: 12.76 ng/ul
RT: 8.56 min Scan# 999
Delta R.T. 0.00 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:108 Resp: 20924

Ion	Ratio	Lower	Upper
108	100		
107	121.5	91.0	136.6

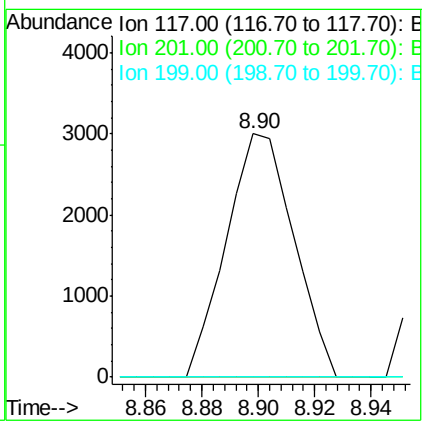


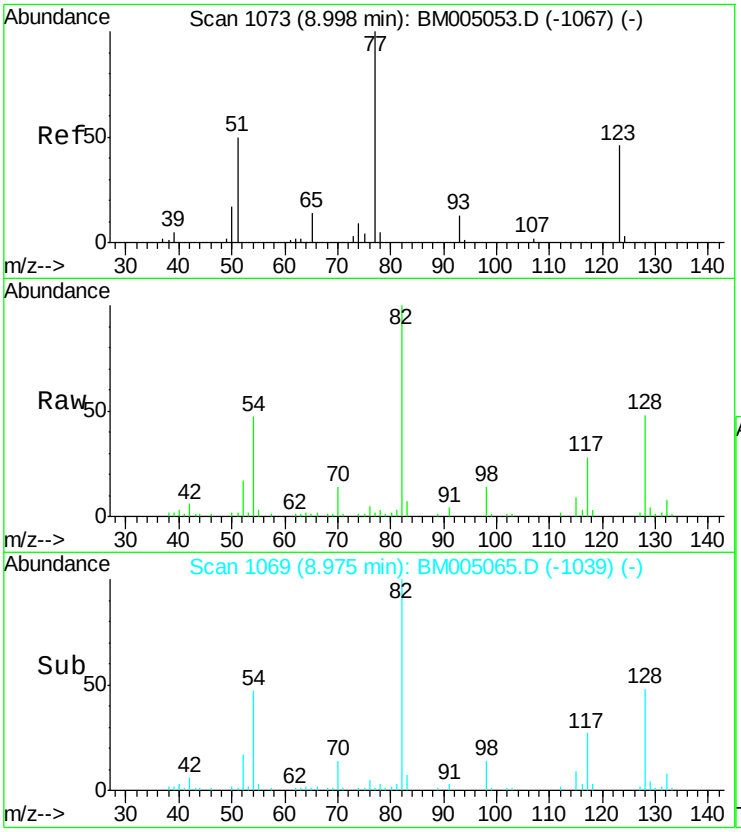


#17
Hexachloroethane
Concen: 8.49 ng/ul
RT: 8.90 min Scan# 1056
Delta R.T. 0.02 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:117 Resp: 4976

Ion	Ratio	Lower	Upper
117	100		
201	0.0	88.5	132.7#
199	0.0	55.4	83.2#



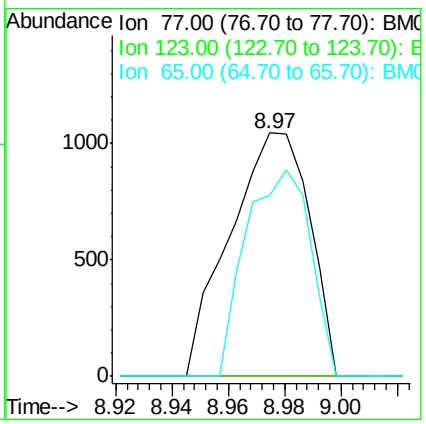


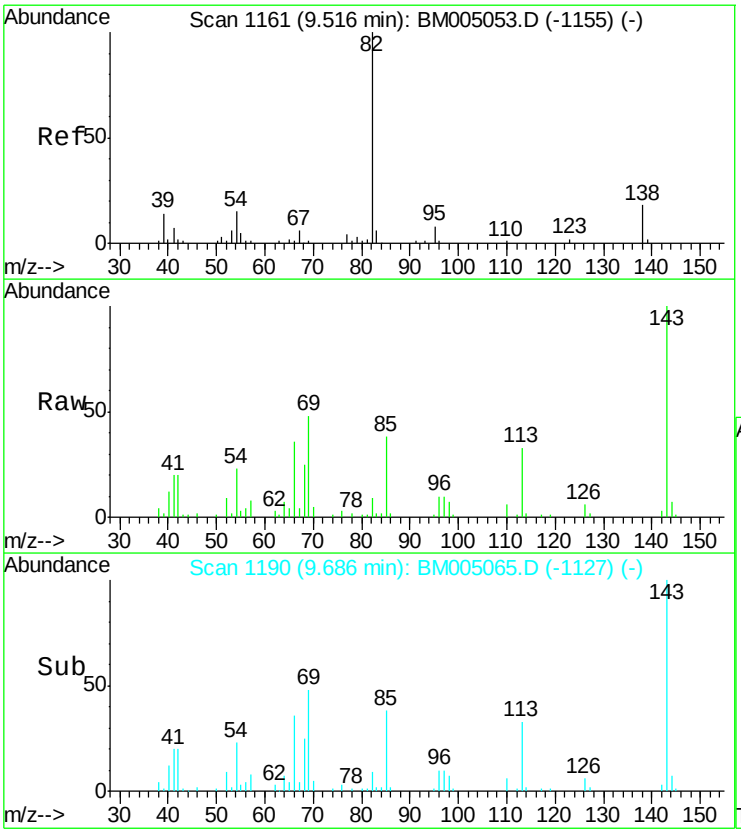
#20
Nitrobenzene
Concen: 1.30 ng/ul
RT: 8.97 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion: 77 Resp: 2050

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	74.5	10.9	16.3#

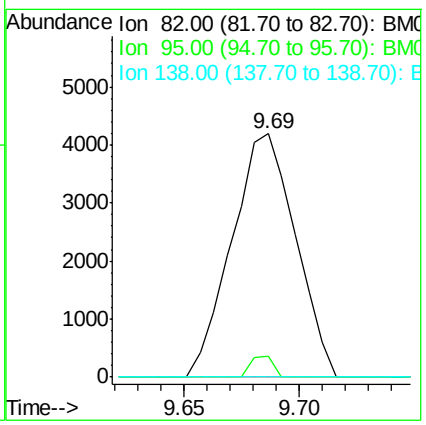


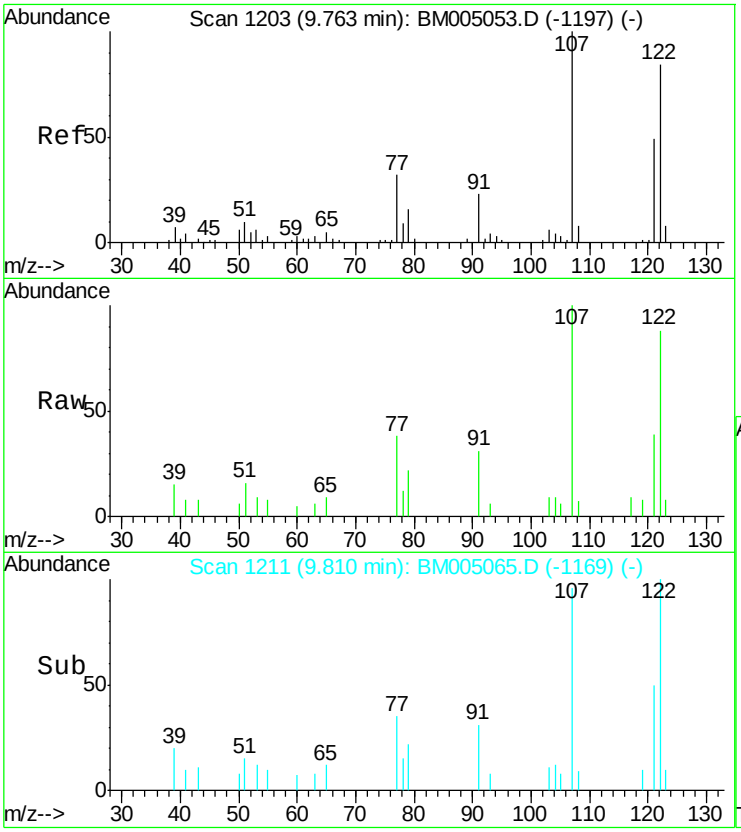


#21
Isophorone
Concen: 2.69 ng/ul
RT: 9.69 min Scan# 1190
Delta R.T. 0.17 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion: 82 Resp: 8046

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.0	9.0
138	0.0	14.6	22.0#



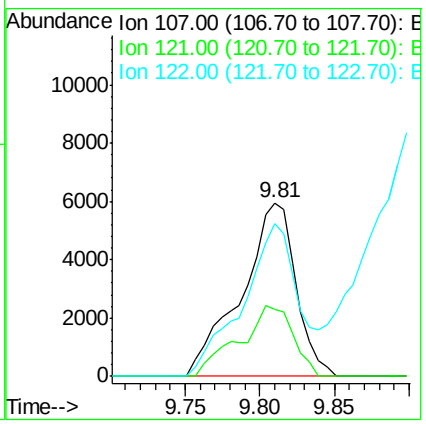


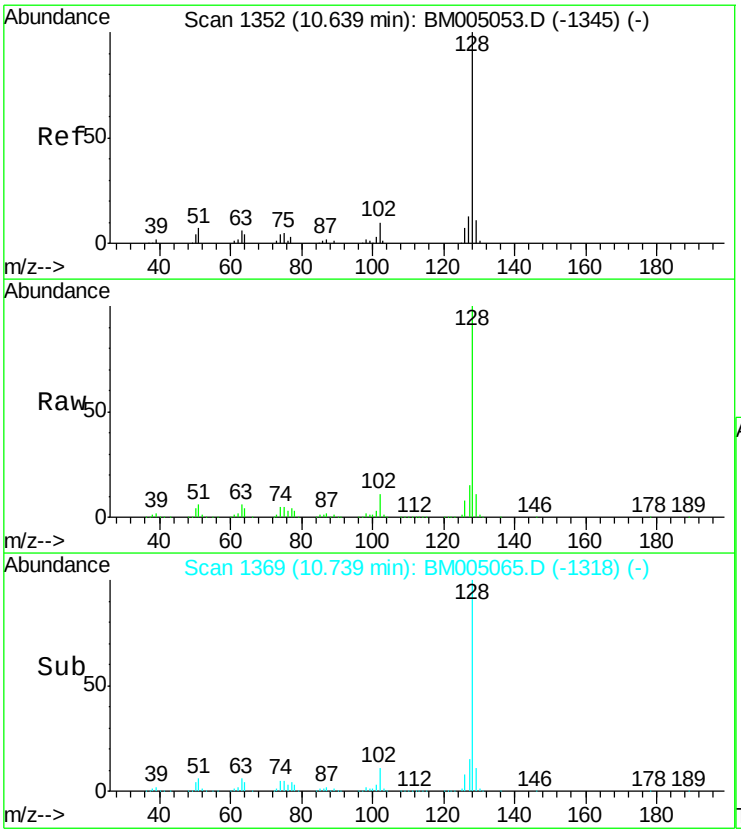
#24
2,4-Dimethylphenol
Concen: 9.00 ng/ul
RT: 9.81 min Scan# 1211
Delta R.T. 0.05 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:107 Resp: 15053

Ion	Ratio	Lower	Upper
107	100		
121	38.9	39.8	59.8#
122	88.2	68.5	102.7

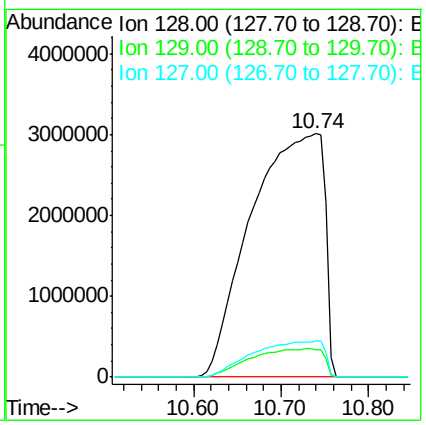


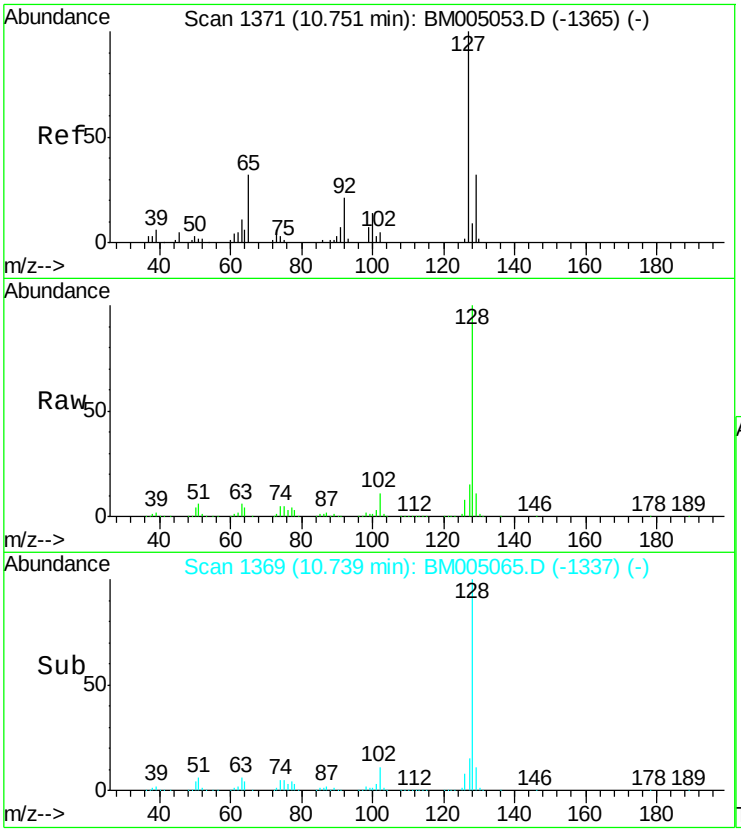


#28
Naphthalene
Concen: 3721.70 ng/ul
RT: 10.74 min Scan# 1369
Delta R.T. 0.10 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:128 Resp:17369980

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	14.8	10.6	15.8



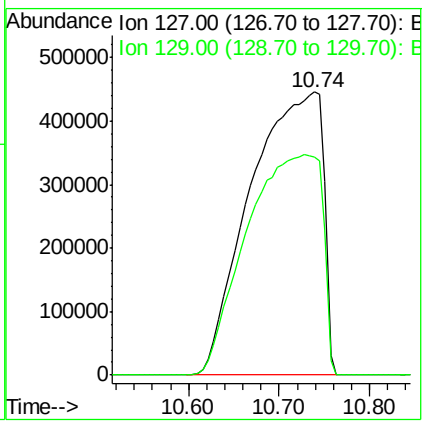


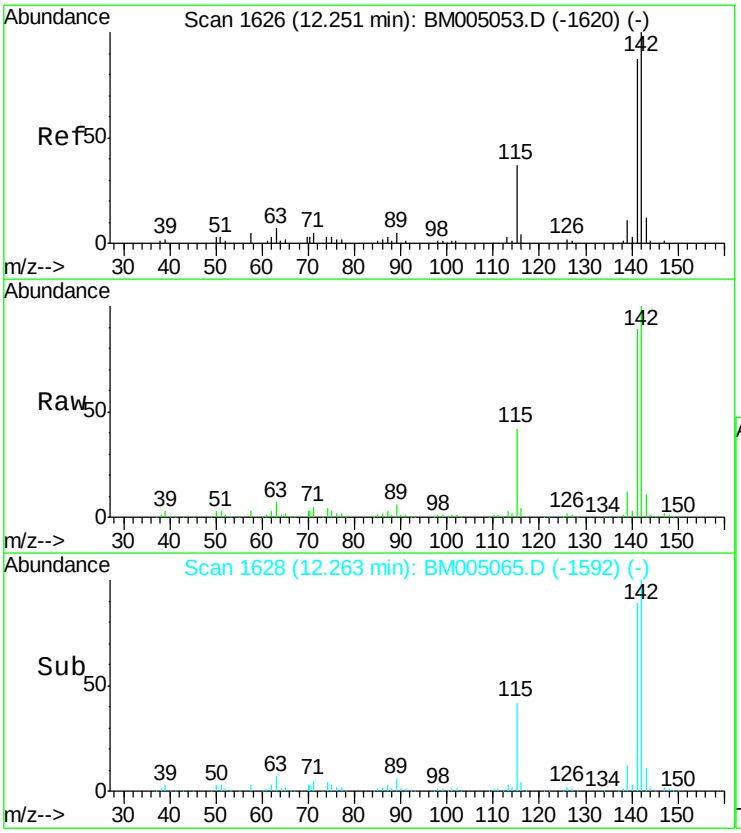
#30
4-Chloroaniline
Concen: 1538.20 ng/ul
RT: 10.74 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:127 Resp: 2493482

Ion	Ratio	Lower	Upper
127	100		
129	77.0	26.0	39.0#

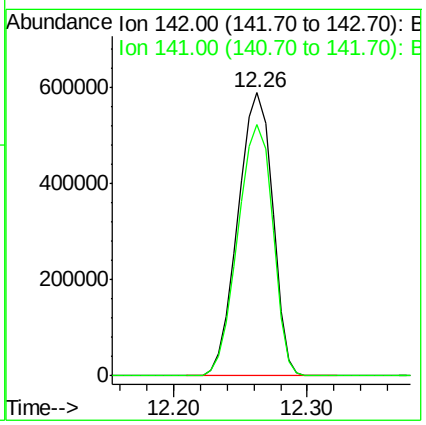


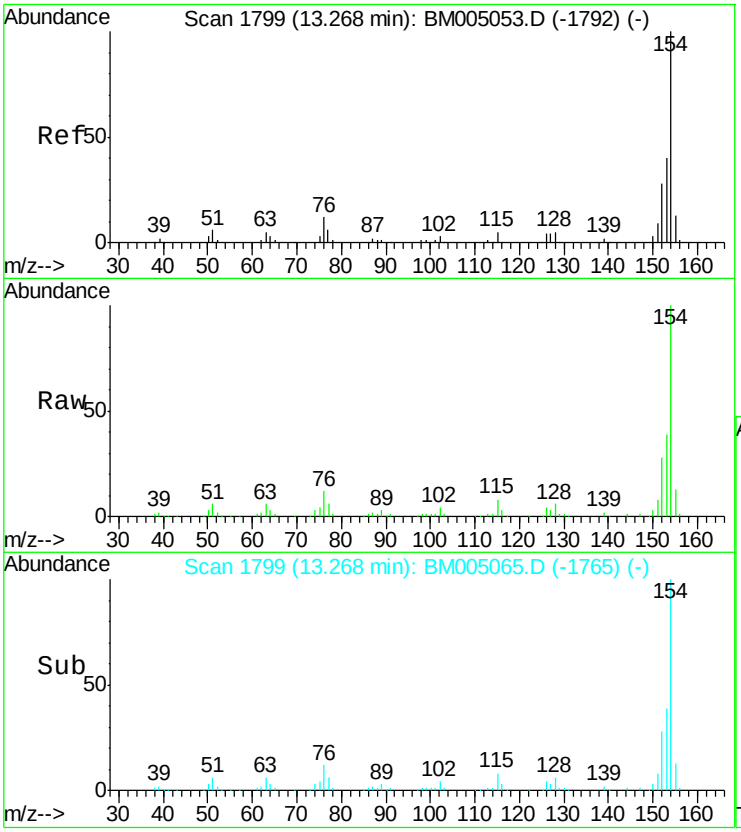


#34
2-Methylnaphthalene
Concen: 308.18 ng/ul
RT: 12.26 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:142 Resp: 1064706

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.3	105.5



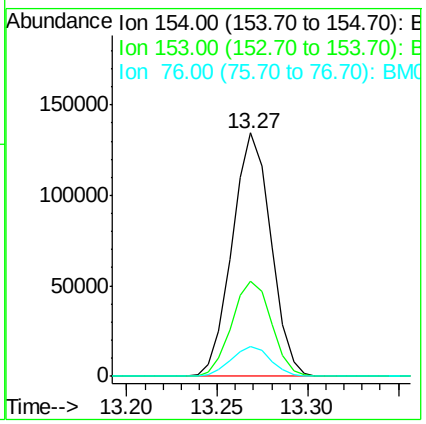


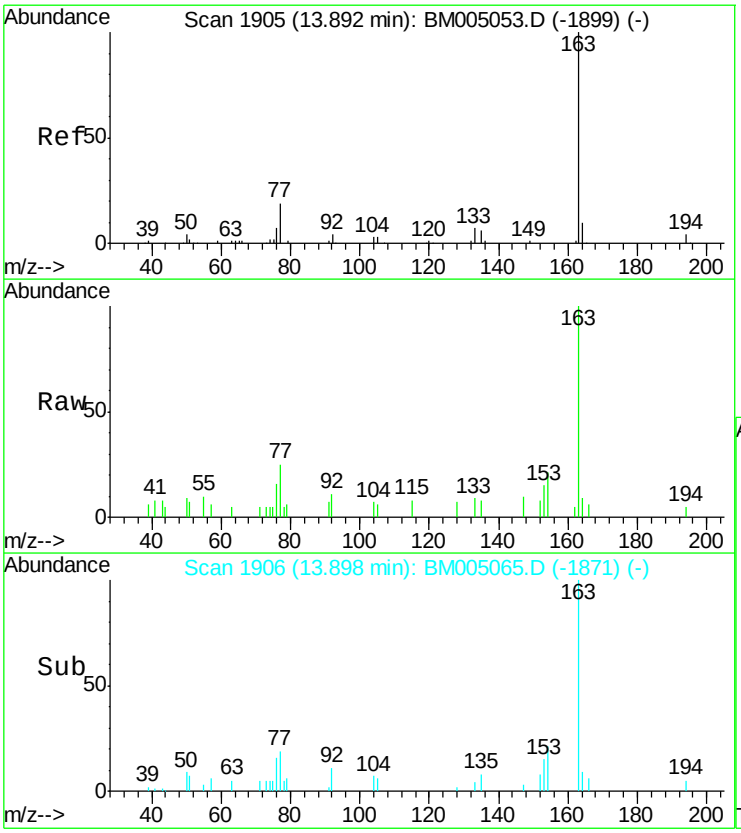
#40
1,1'-Biphenyl
Concen: 28.58 ng/ul
RT: 13.27 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:154 Resp: 200804

Ion	Ratio	Lower	Upper
154	100		
153	39.0	31.5	47.3
76	12.0	10.1	15.1

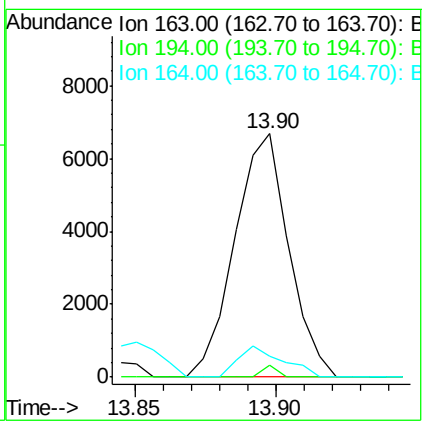


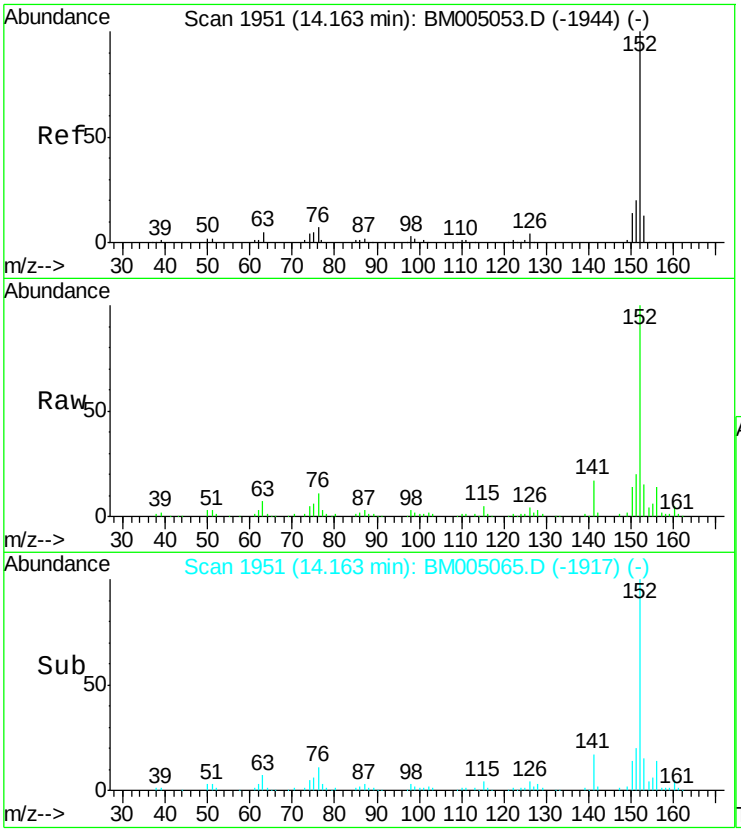


#44
Dimethylphthalate
Concen: 1.26 ng/ul
RT: 13.90 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:163 Resp: 8865

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.3	4.9#
164	8.8	8.2	12.2



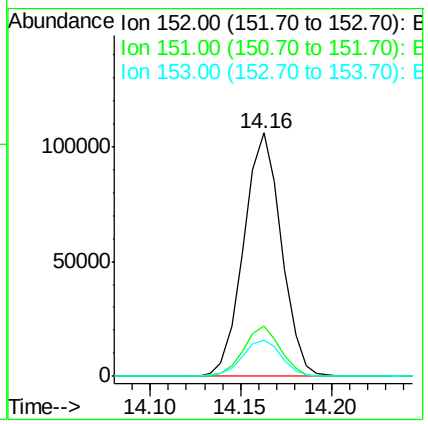


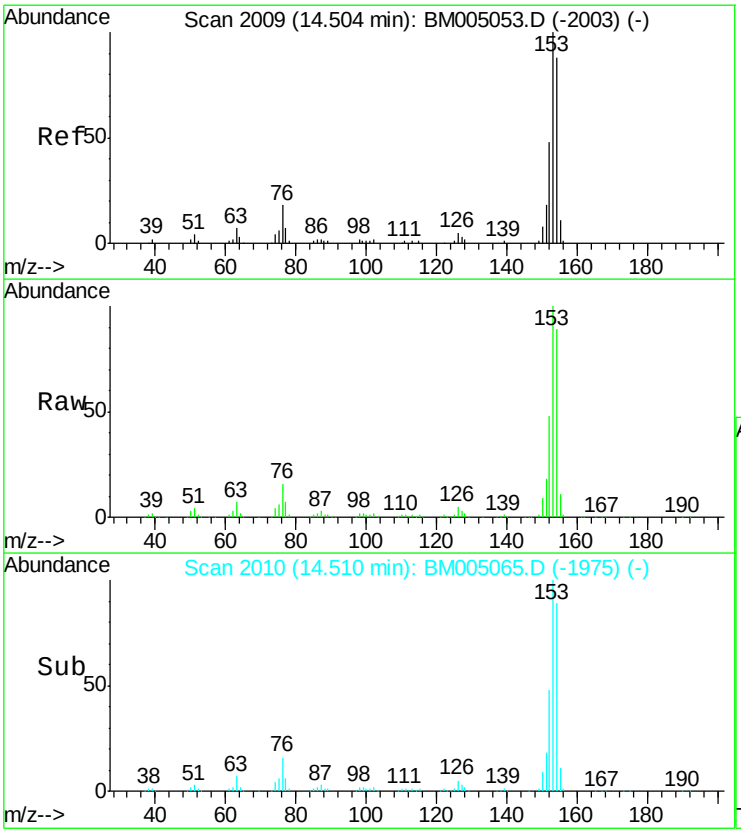
#47
Acenaphthylene
Concen: 17.33 ng/ul
RT: 14.16 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:152 Resp: 153215

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	14.8	10.3	15.5

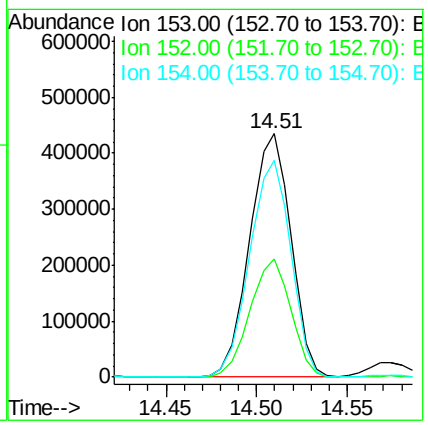


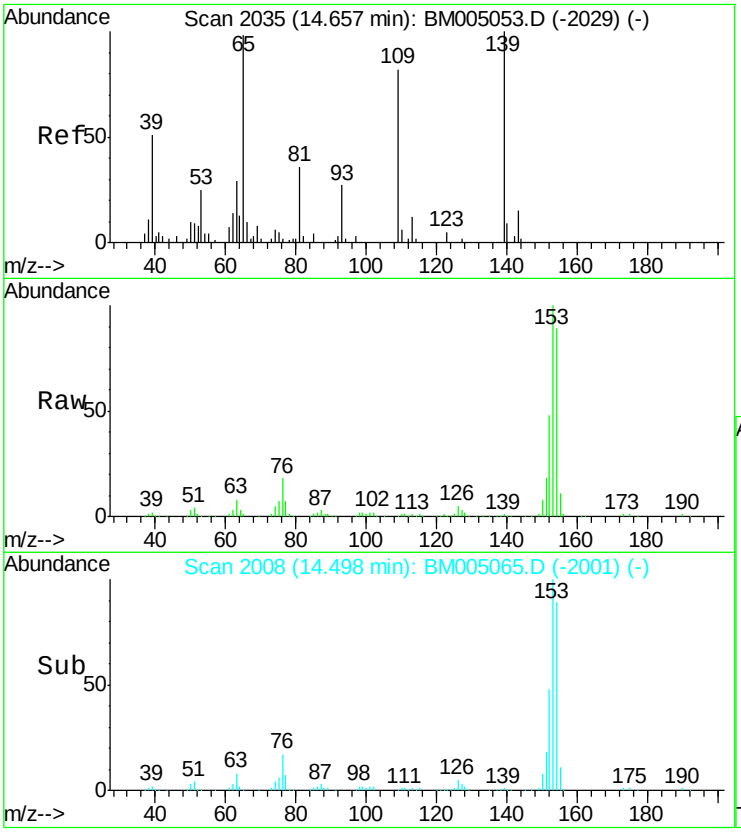


#49
Acenaphthene
Concen: 118.93 ng/ul
RT: 14.51 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:153 Resp: 691709

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.7	56.5
154	89.0	71.4	107.2



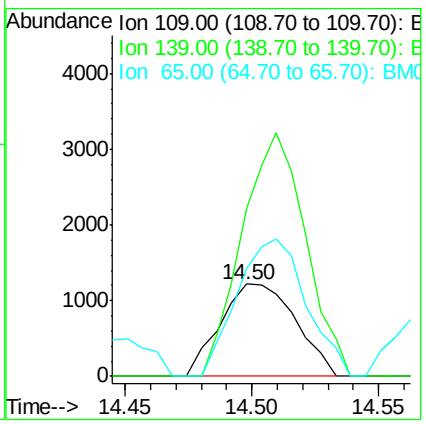


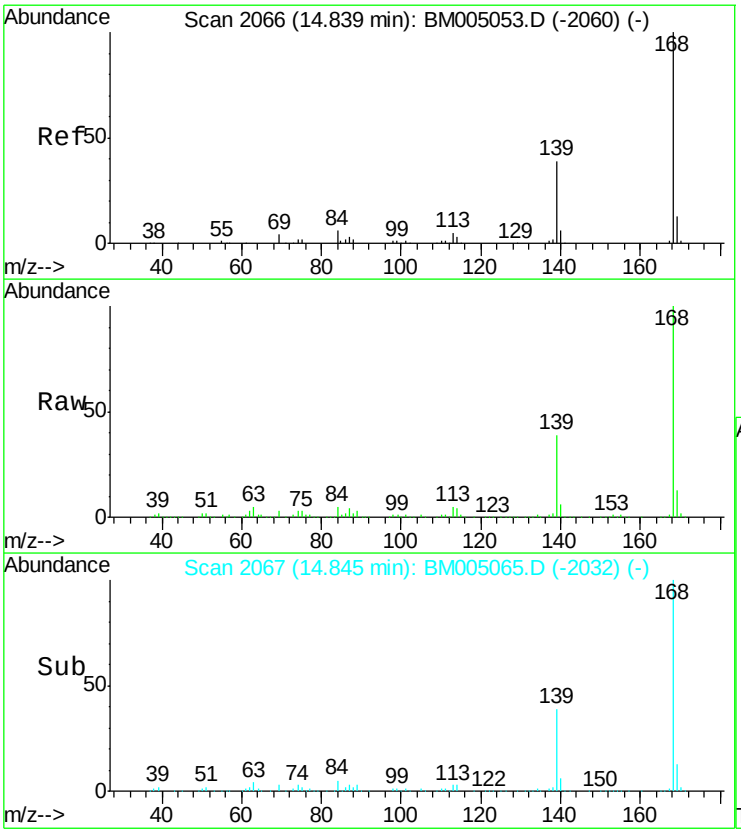
#52
4-Nitrophenol
Concen: 2.29 ng/ul
RT: 14.50 min Scan# 2008
Delta R.T. -0.16 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:109 Resp: 2516

Ion	Ratio	Lower	Upper
109	100		
139	183.0	104.5	156.7#
65	117.3	96.5	144.7

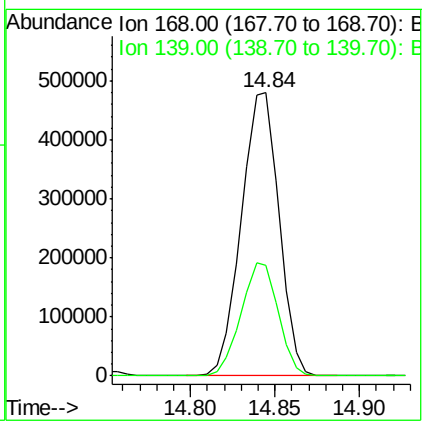


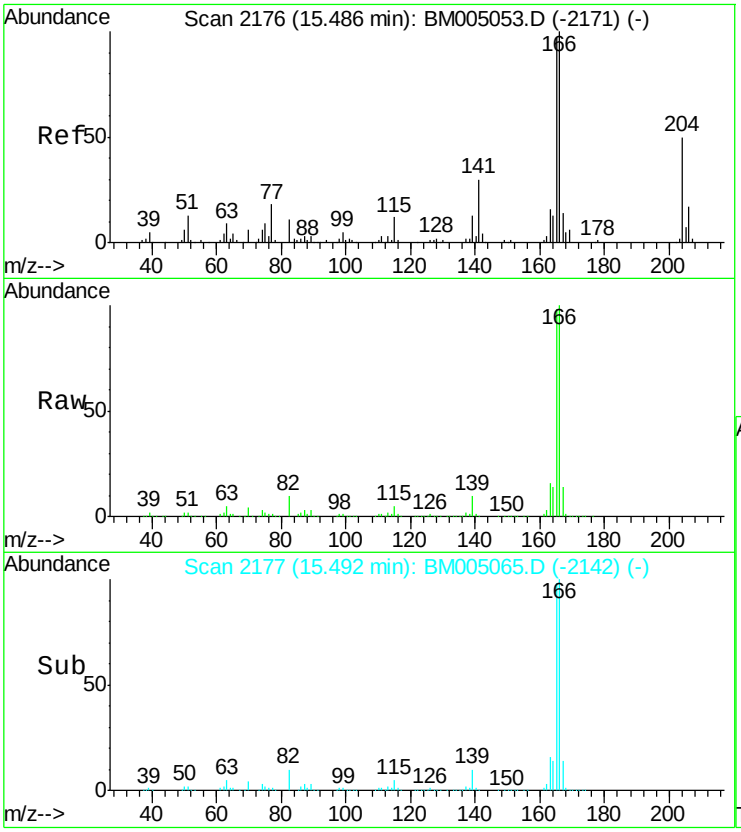


#53
Dibenzofuran
Concen: 87.22 ng/ul
RT: 14.84 min Scan# 2067
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:168 Resp: 748123

Ion	Ratio	Lower	Upper
168	100		
139	39.3	29.9	44.9



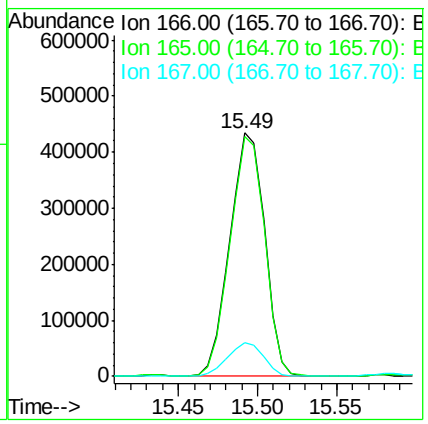


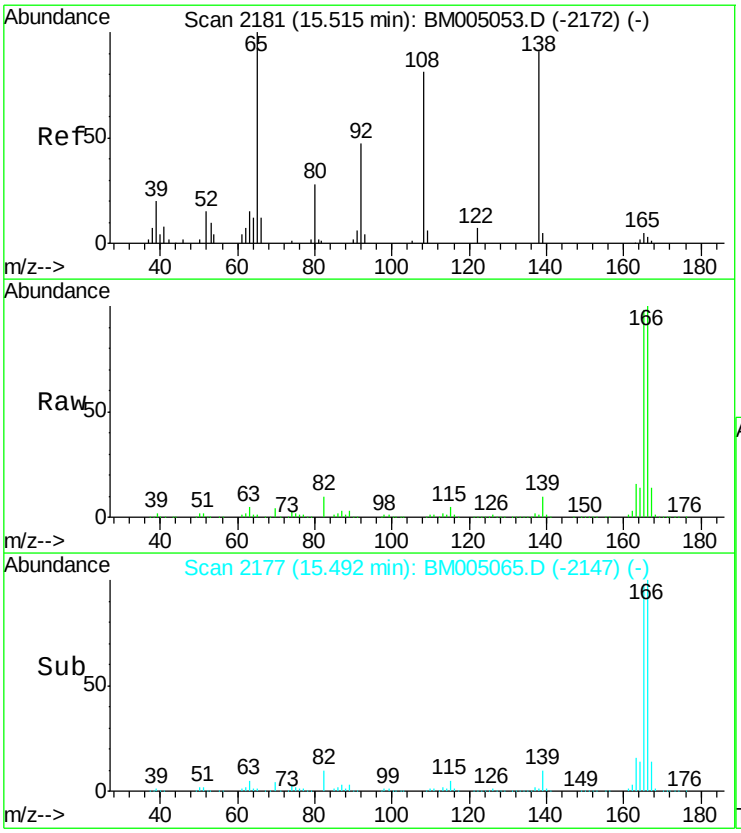
#58
Fluorene
Concen: 99.60 ng/ul
RT: 15.49 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:166 Resp: 663197

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.7	116.5
167	13.7	10.9	16.3

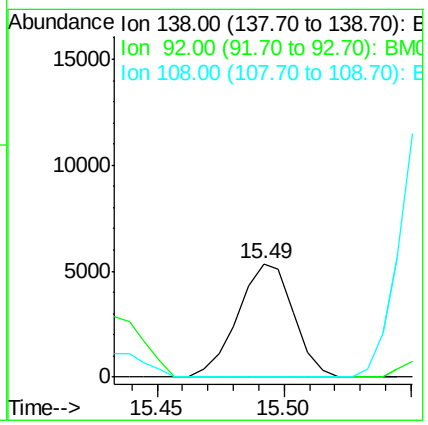


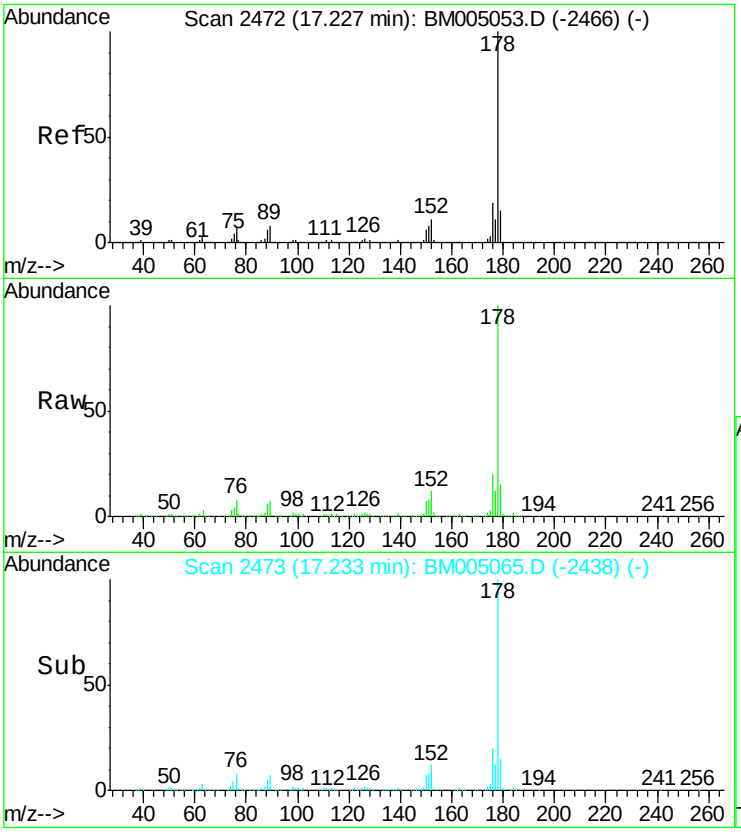


#60
4-Nitroaniline
Concen: 5.48 ng/ul
RT: 15.49 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:138 Resp: 8166

Ion	Ratio	Lower	Upper
138	100		
92	0.0	41.0	61.6#
108	0.0	66.8	100.2#



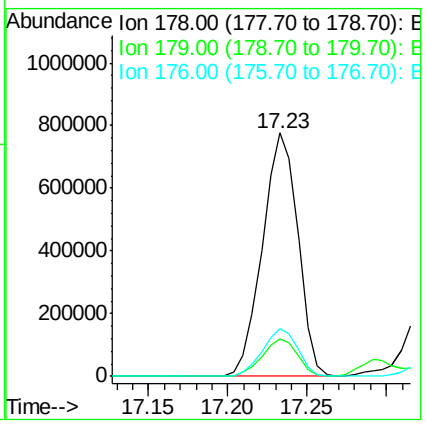


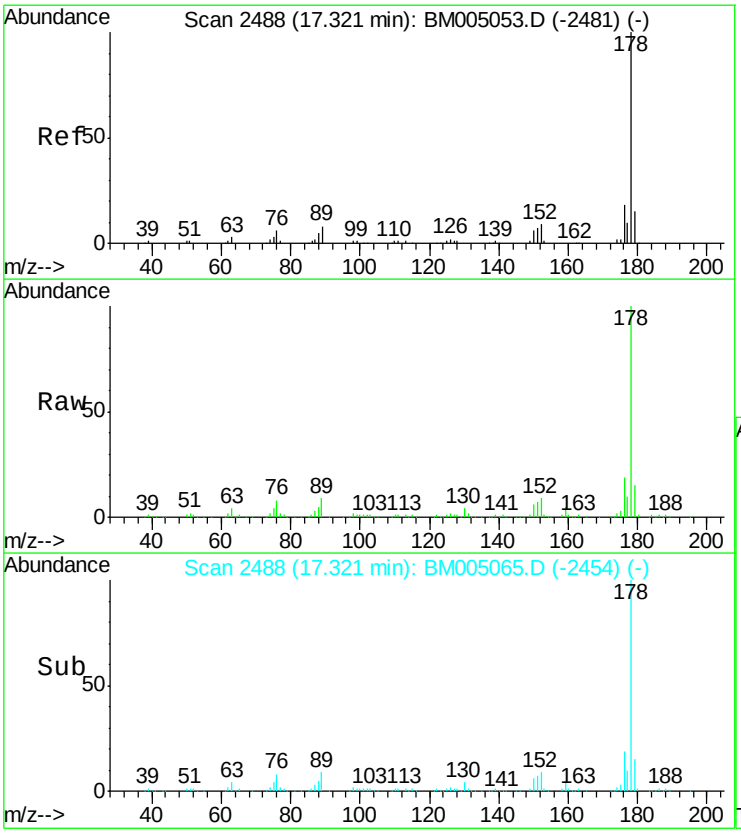
#69
Phenanthrene
Concen: 109.23 ng/ul
RT: 17.23 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:178 Resp: 1210885

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.5	15.2	22.8

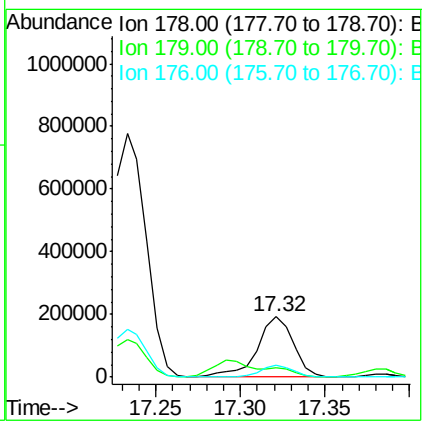


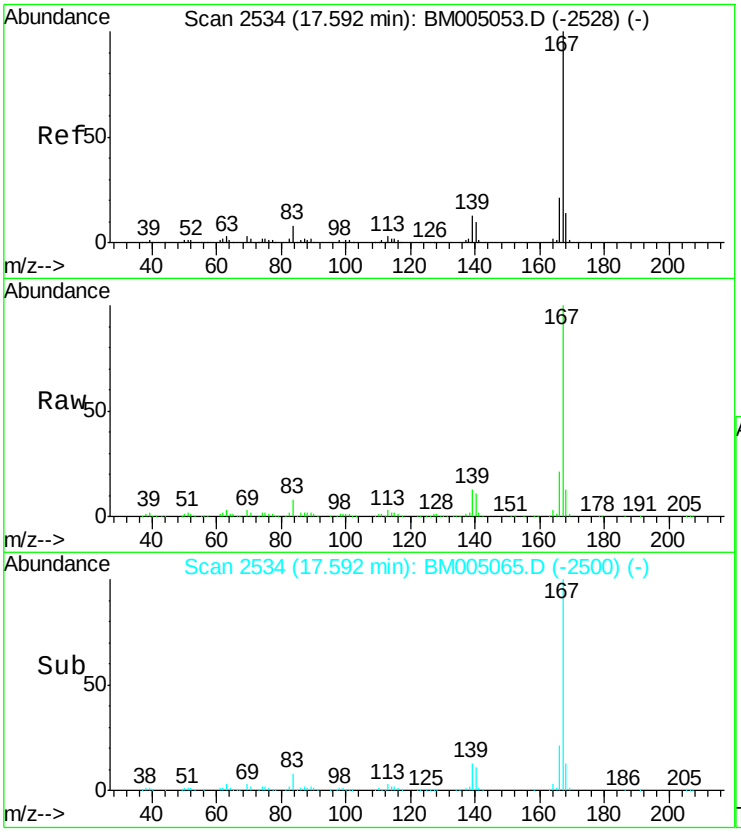


#71
Anthracene
Concen: 25.55 ng/ul
RT: 17.32 min Scan# 2488
Delta R.T. 0.00 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:178 Resp: 285496

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.0	14.6	22.0



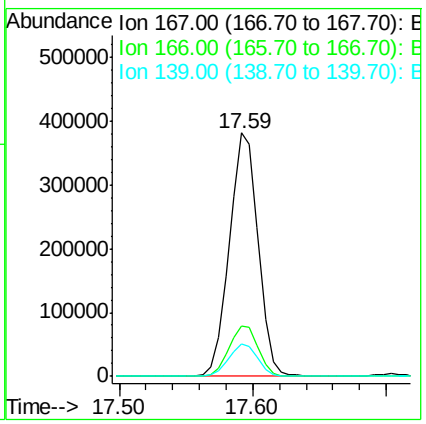


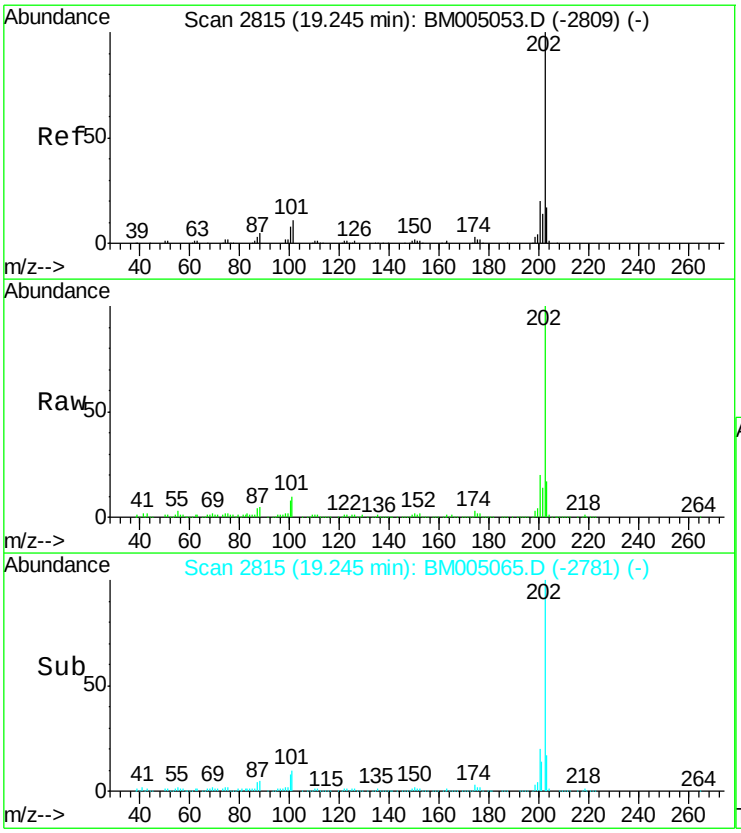
#72
Carbazole
Concen: 59.89 ng/ul
RT: 17.59 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Instrument :
BNA_M
ClientSampleId :
BC7Q1

Tgt Ion:167 Resp: 573894

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	25.0
139	13.5	10.2	15.4





#74
Fluoranthene
Concen: 26.29 ng/ul
RT: 19.24 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM005065.D
Acq: 26 Apr 2016 03:08

Tgt Ion:202 Resp: 320760

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.0	13.4
100	7.8	6.6	10.0