Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003623.D
Acq On : 19 Dec 2015 17:09
Operator : UM/SJ
Sample : G4801-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C63

Quant Time: Dec 20 01:37:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	37158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	187180	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	119094	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	269616	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	324696	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	332213	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	1717	2.49	ng/uL	0.00
5) Phenol-d5	6.87	99	38816	12.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	26117	15.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	35705	13.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	25098	9.25	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	20368	15.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	21624	14.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	34891	12.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	36088	9.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	139036	14.13	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	160454	14.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	19489	10.16	ng/ul	0.00
58) Fluorene-d10	15.34	176	118584	14.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	15322	10.08	ng/ul	0.00
71) Anthracene-d10	17.20	188	183299	14.94	ng/ul	0.00
79) Pyrene-d10	19.50	212	205876	14.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	234722	14.22	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.85	77	10360	5.74	ng/ul#	1
6) Phenol	6.90	94	7394	2.24	ng/ul	98
14) Acetophenone	8.50	105	9368	2.21	ng/ul#	35
17) Hexachloroethane	8.76	117	2633	2.61	ng/ul#	7
28) Naphthalene	10.55	128	2372029	245.97	ng/ul	99
32) Caprolactam	11.52	113	1299	1.20	ng/ul#	76
34) 2-Methylnaphthalene	12.16	142	971433	134.88	ng/ul	100
35) 1-Methylnaphthalene	12.39	142	649477	94.94	ng/ul	100
41) 1,1'-Biphenyl	13.18	154	100411	10.38	ng/ul	100
43) 2-Nitroaniline	13.37	65	3986	1.98	ng/ul#	18
45) Dimethylphthalate	13.81	163	93774	9.31	ng/ul	99
48) Acenaphthylene	14.07	152	66607	5.44	ng/ul#	80
50) Acenaphthene	14.42	153	229857	28.09	ng/ul	98
54) Dibenzofuran	14.75	168	30098	2.58	ng/ul#	79
59) Fluorene	15.40	166	177458	18.93	ng/ul	99
65) N-Nitrosodiphenylamine	15.62	169	13259	1.68	ng/ul#	66
70) Phenanthrene	17.14	178	753457	50.52	ng/ul	100
72) Anthracene	17.23	178	218692	14.38	ng/ul	99
77) Fluoranthene	19.17	202	229842	13.41	ng/ul	99
80) Pyrene	19.53	202	375679	20.10	ng/ul	99
83) Benzo(a)anthracene	21.34	228	150796	7.70	ng/ul	93
85) Chrysene	21.34	228	153176	8.12	ng/ul	96
88) Benzo(b)fluoranthene	22.88	252	102443	5.11	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
Data File : BM003623.D
Acq On : 19 Dec 2015 17:09
Operator : UM/SJ
Sample : G4801-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C63

Quant Time: Dec 20 01:37:01 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	22.88	252	92528	4.88	ng/ul#	95
91) Benzo(a)pyrene	23.45	252	92957	4.85	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.81	276	26315	1.28	ng/ul	97
94) Benzo(g,h,i)perylene	26.50	276	22279	1.32	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121915\
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Instrument :
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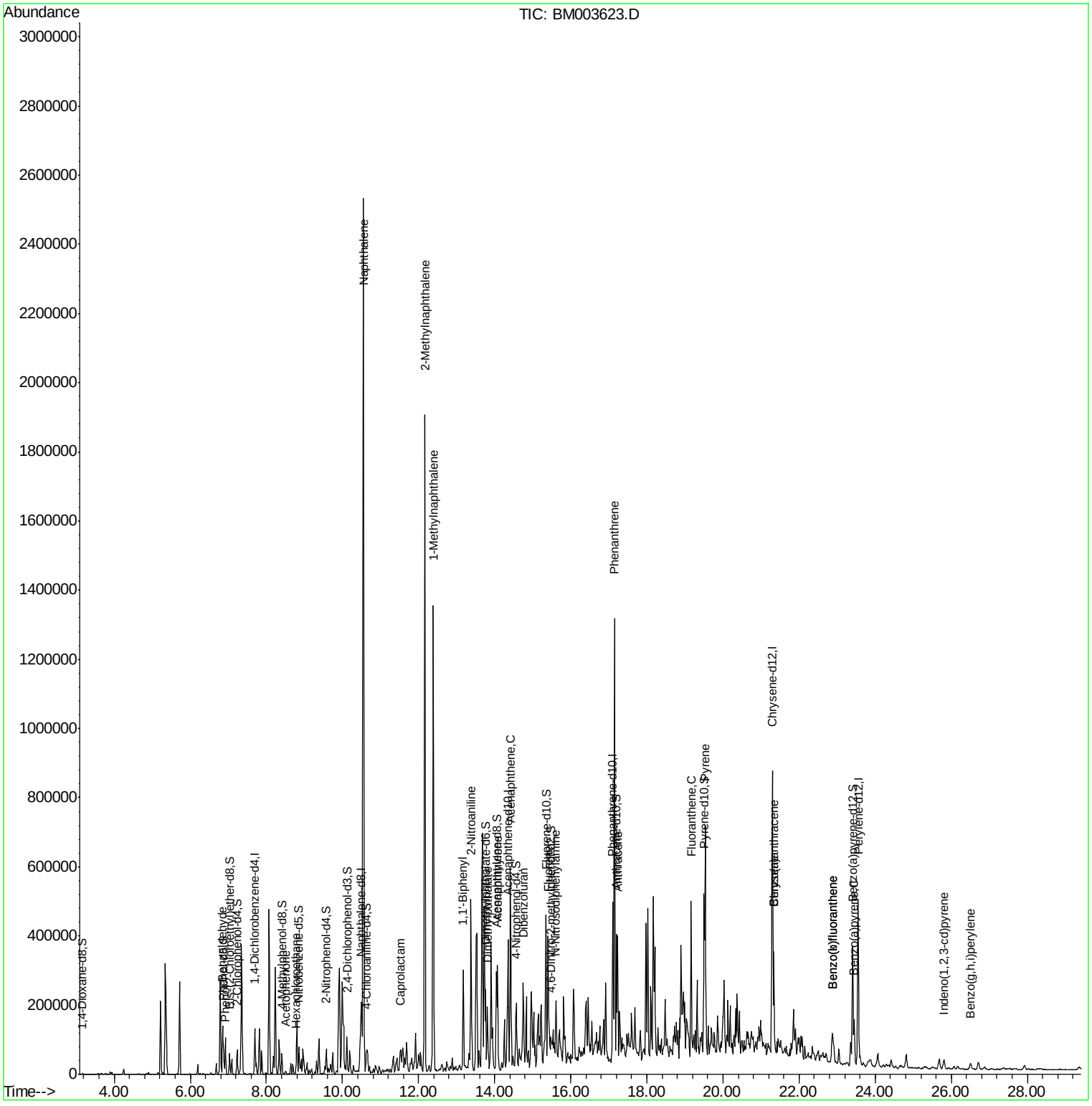
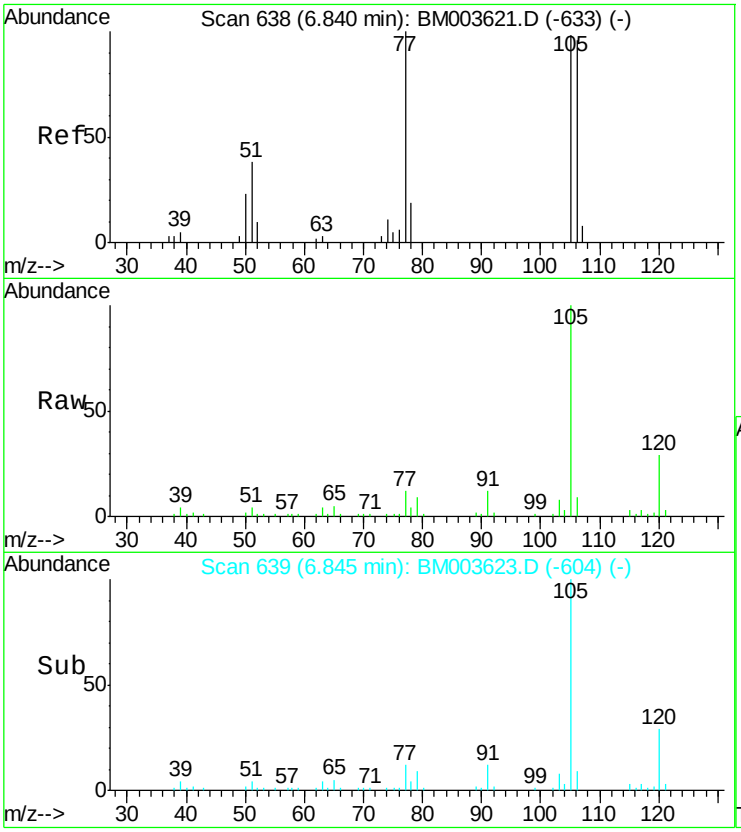
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 01:33:56 2015
Response via : Initial Calibration



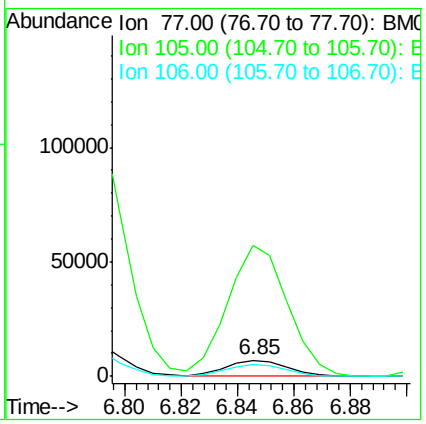


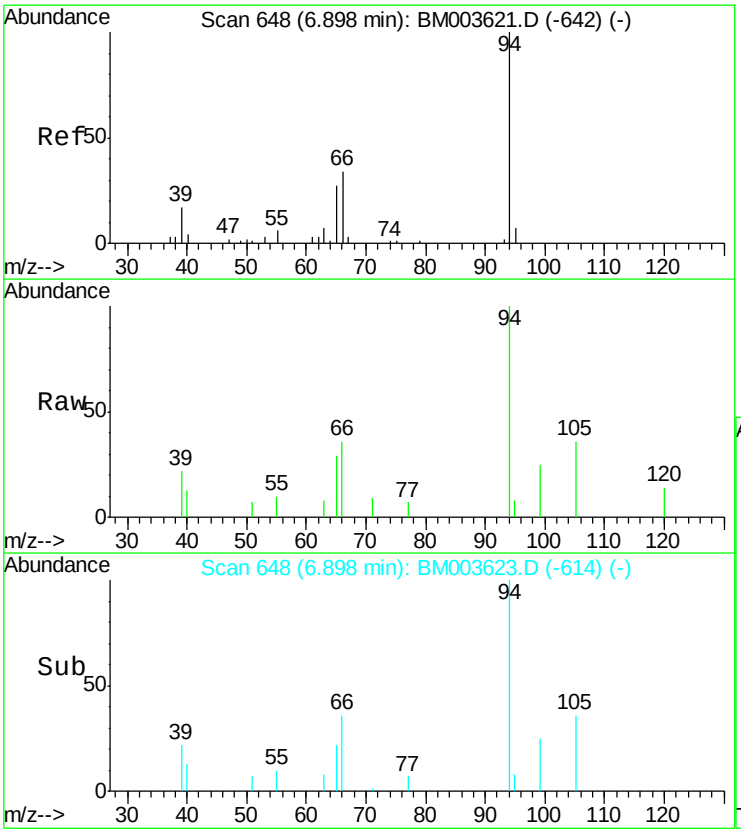
#4
Benzaldehyde
Concen: 5.74 ng/ul
RT: 6.85 min Scan# 639
Delta R.T. 0.01 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Instrument :
BNA_M
ClientSampleId :
G9C63

Tgt Ion: 77 Resp: 10360

Ion	Ratio	Lower	Upper
77	100		
105	829.7	80.6	120.8#
106	73.3	77.7	116.5#

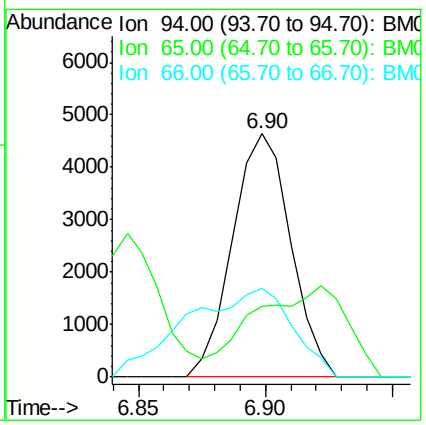


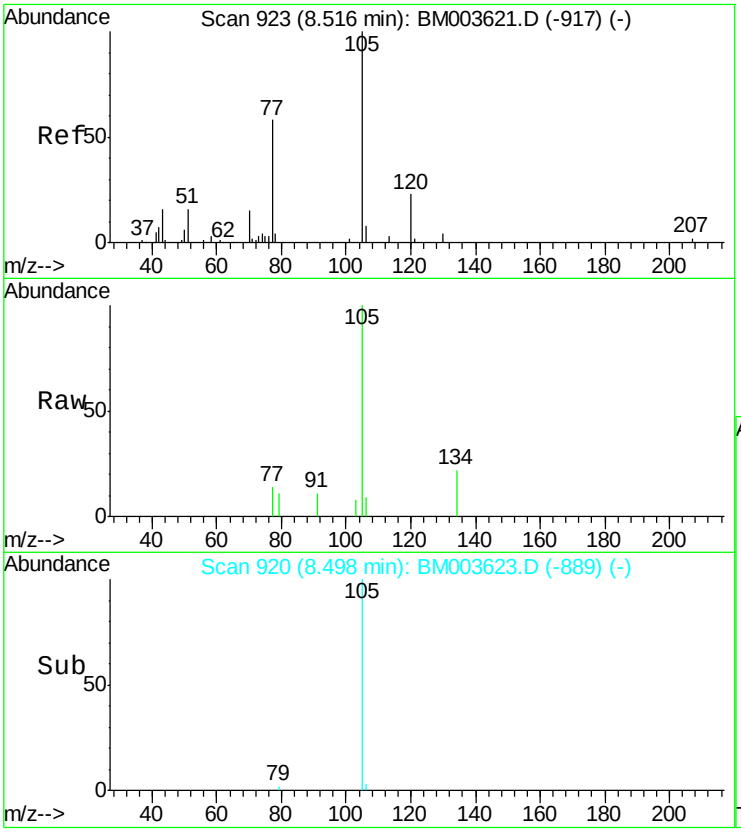


#6
Phenol
Concen: 2.24 ng/ul
RT: 6.90 min Scan# 648
Delta R.T. -0.00 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Tgt Ion: 94 Resp: 7394

Ion	Ratio	Lower	Upper
94	100		
65	28.8	21.0	31.6
66	36.3	29.3	43.9



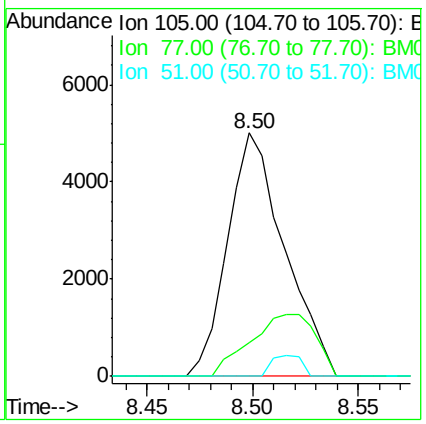


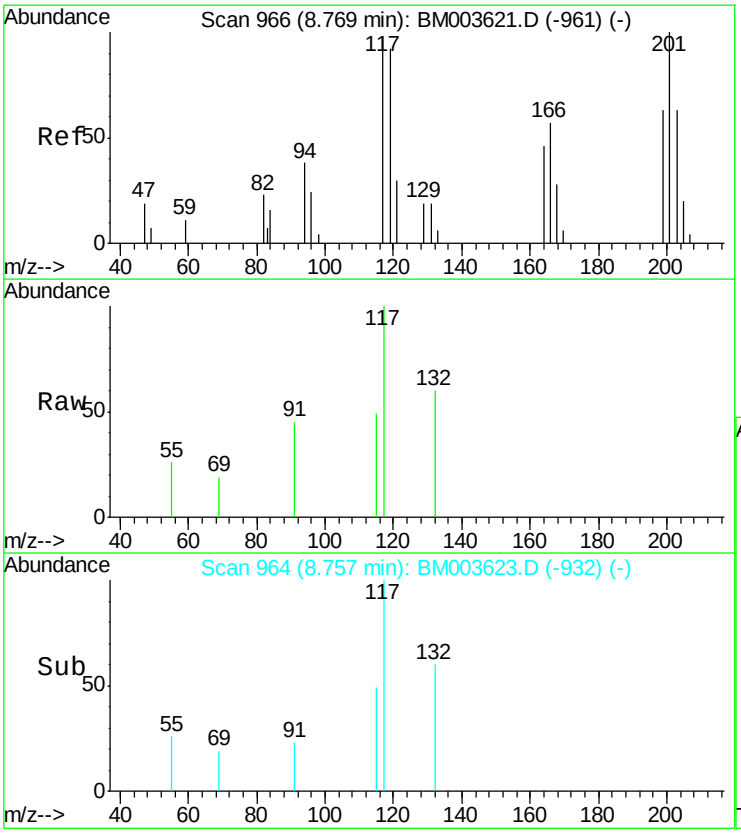
#14
Acetophenone
Concen: 2.21 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. -0.02 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Instrument :
BNA_M
ClientSampleId :
G9C63

Tgt Ion:105 Resp: 9368

Ion	Ratio	Lower	Upper
105	100		
77	13.7	59.0	88.4#
51	0.0	16.4	24.6#

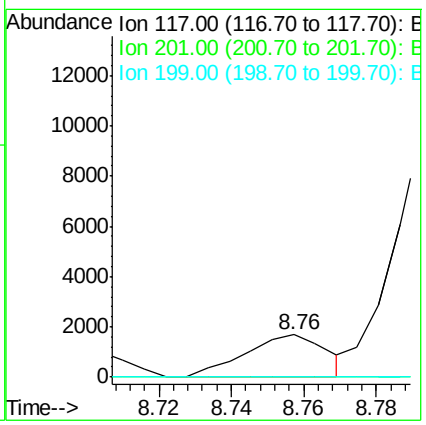


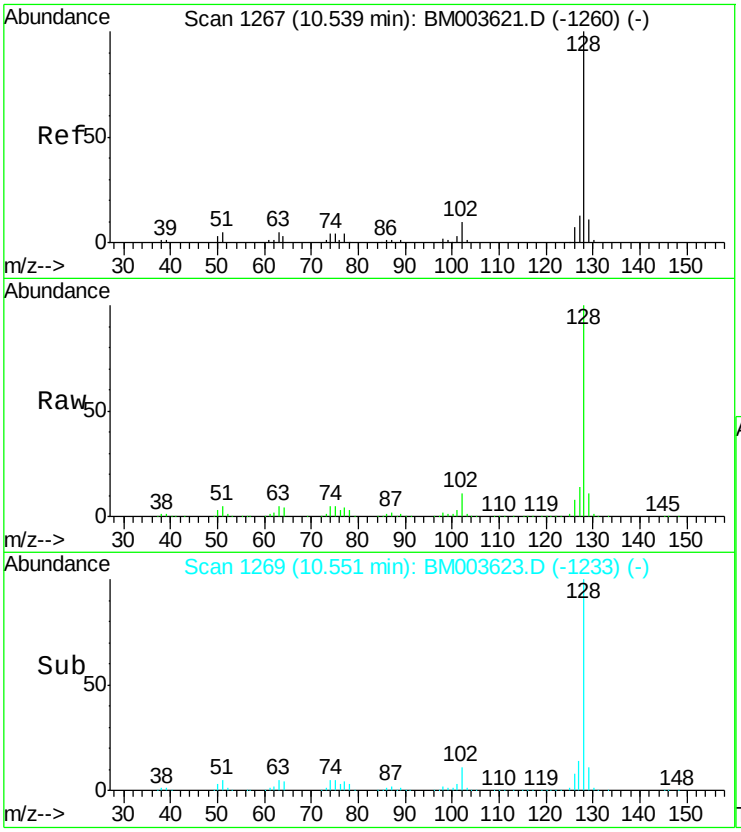


#17
Hexachloroethane
Concen: 2.61 ng/ul
RT: 8.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Tgt Ion:117 Resp: 2633

Ion	Ratio	Lower	Upper
117	100		
201	0.0	81.5	122.3#
199	0.0	50.6	76.0#



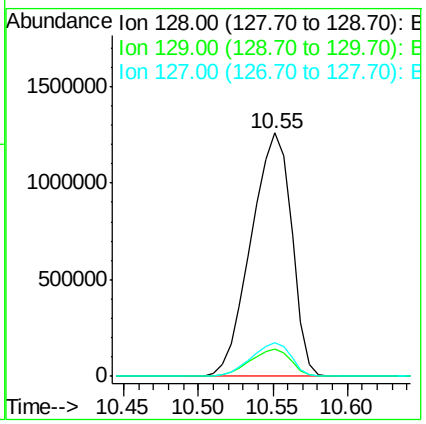


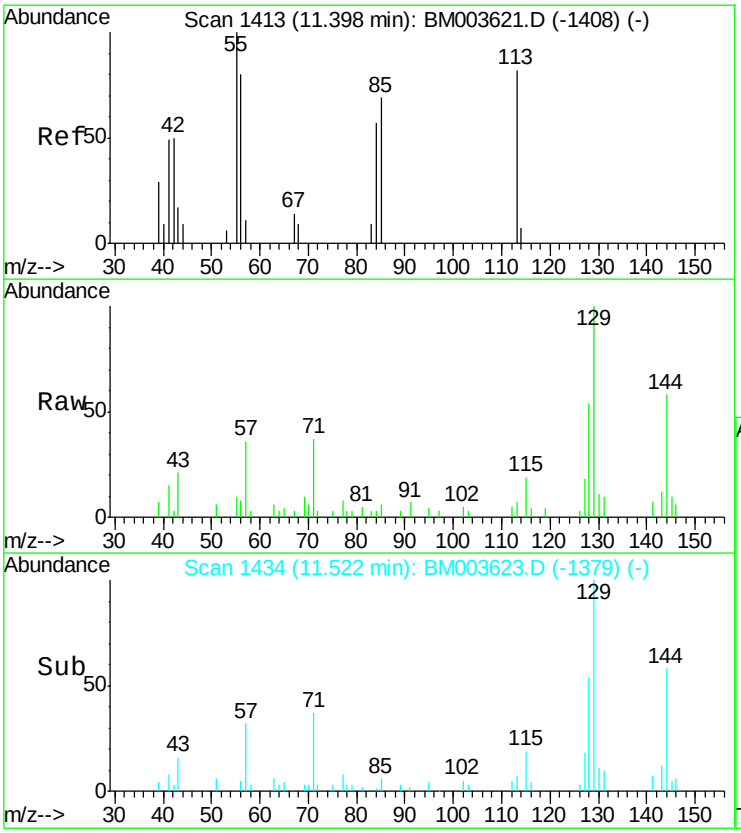
#28
Naphthalene
Concen: 245.97 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Instrument :
BNA_M
ClientSampleId :
G9C63

Tgt Ion:128 Resp: 2372029

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.6	10.5	15.7

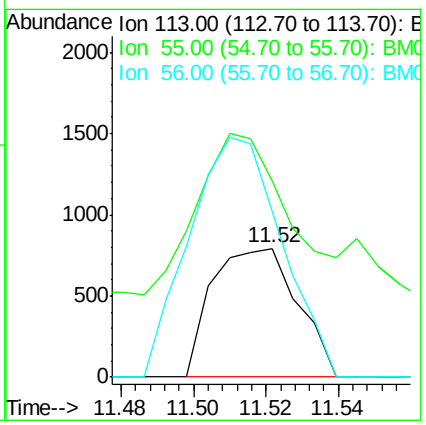


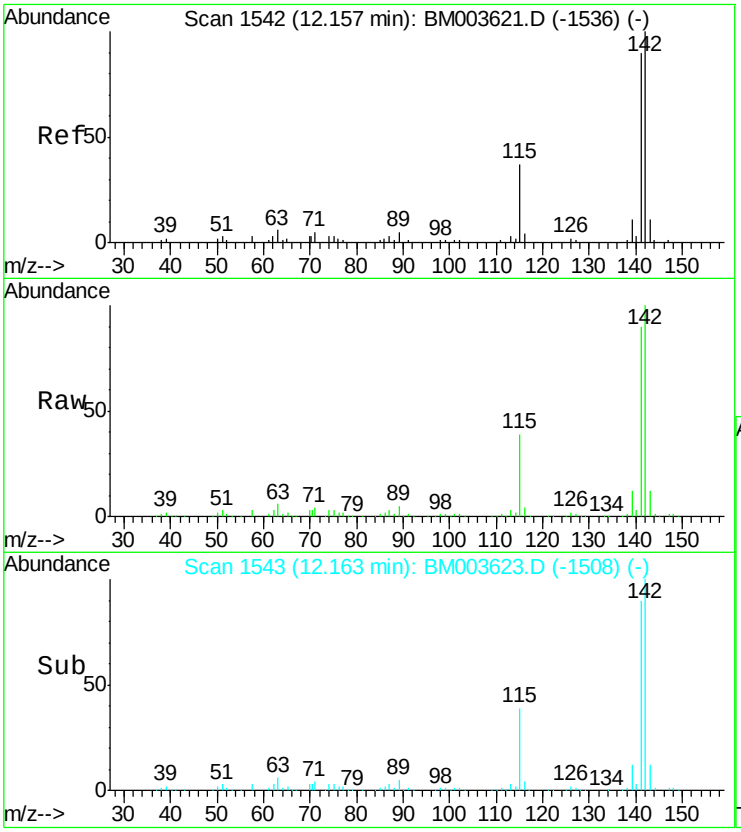


#32
Caprolactam
Concen: 1.20 ng/ul
RT: 11.52 min Scan# 1434
Delta R.T. 0.12 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Tgt Ion:113 Resp: 1299

Ion	Ratio	Lower	Upper
113	100		
55	152.3	101.9	152.9
56	128.4	81.2	121.8#



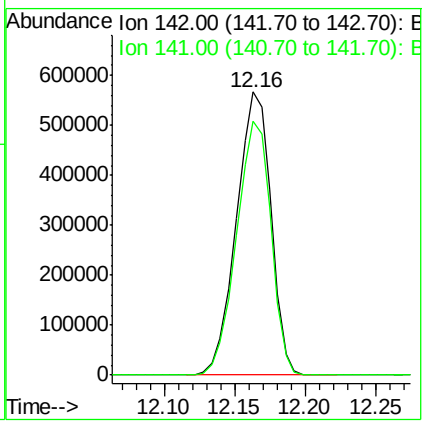


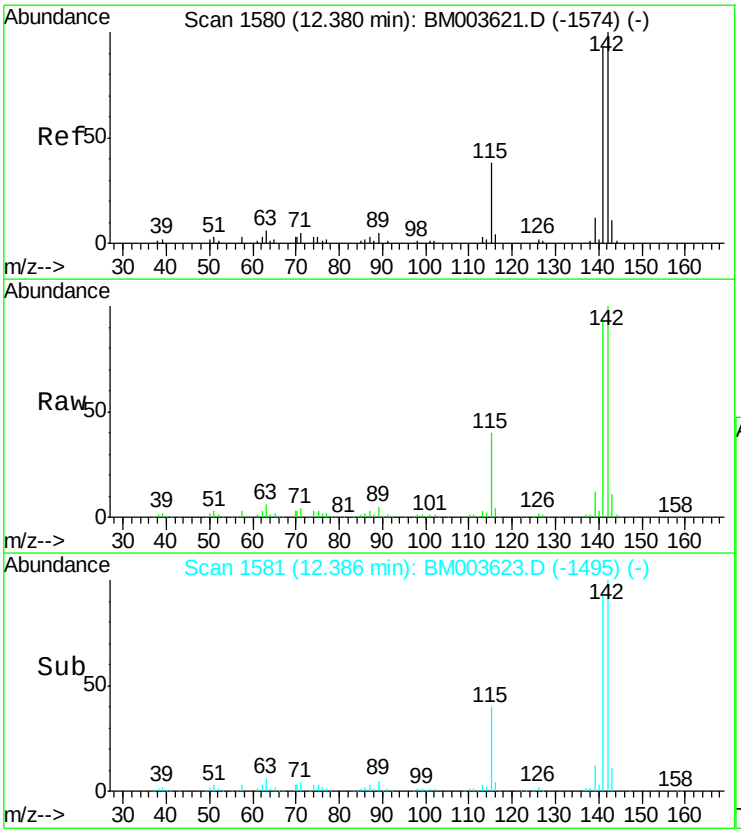
#34
2-Methylnaphthalene
Concen: 134.88 ng/ul
RT: 12.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Instrument :
BNA_M
ClientSampleId :
G9C63

Tgt Ion:142 Resp: 971433

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.6	107.4

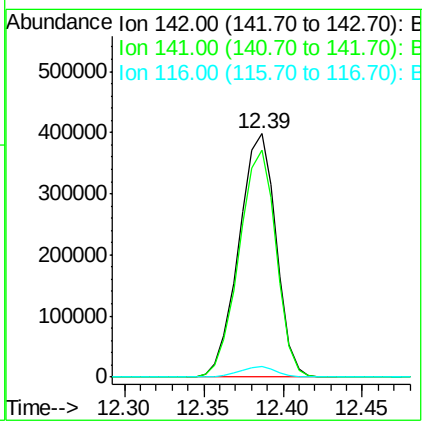


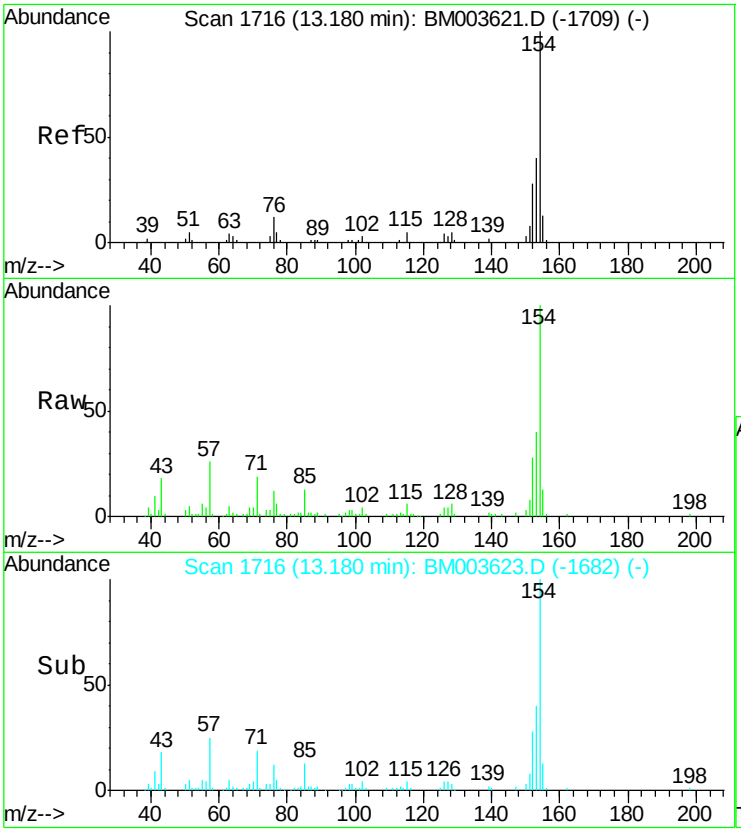


#35
1-Methylnaphthalene
Concen: 94.94 ng/ul
RT: 12.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Tgt Ion:142 Resp: 649477

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.9	112.3
116	4.2	3.1	4.7



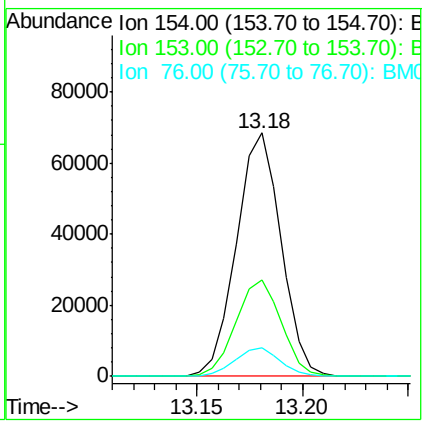


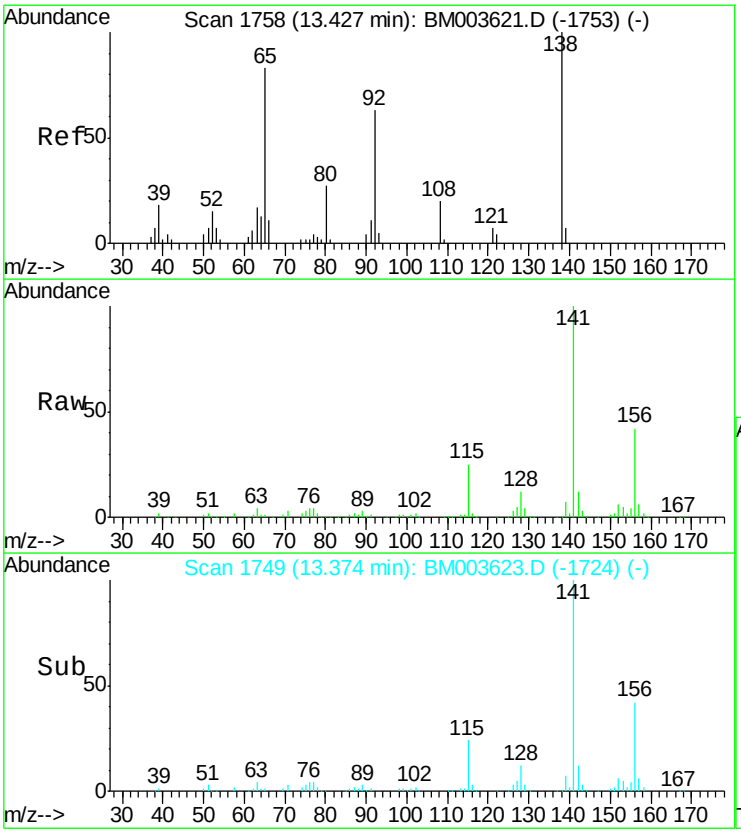
#41
1,1'-Biphenyl
Concen: 10.38 ng/ul
RT: 13.18 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Instrument :
BNA_M
ClientSampleId :
G9C63

Tgt Ion:154 Resp: 100411

Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.1	48.1
76	11.8	9.5	14.3

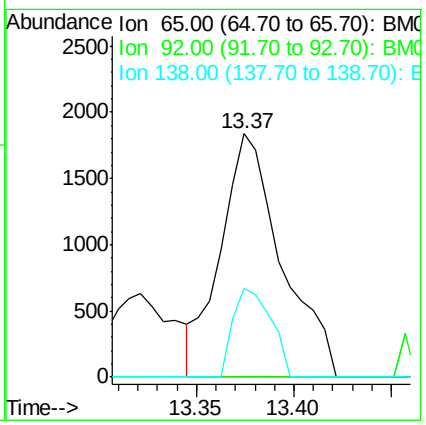


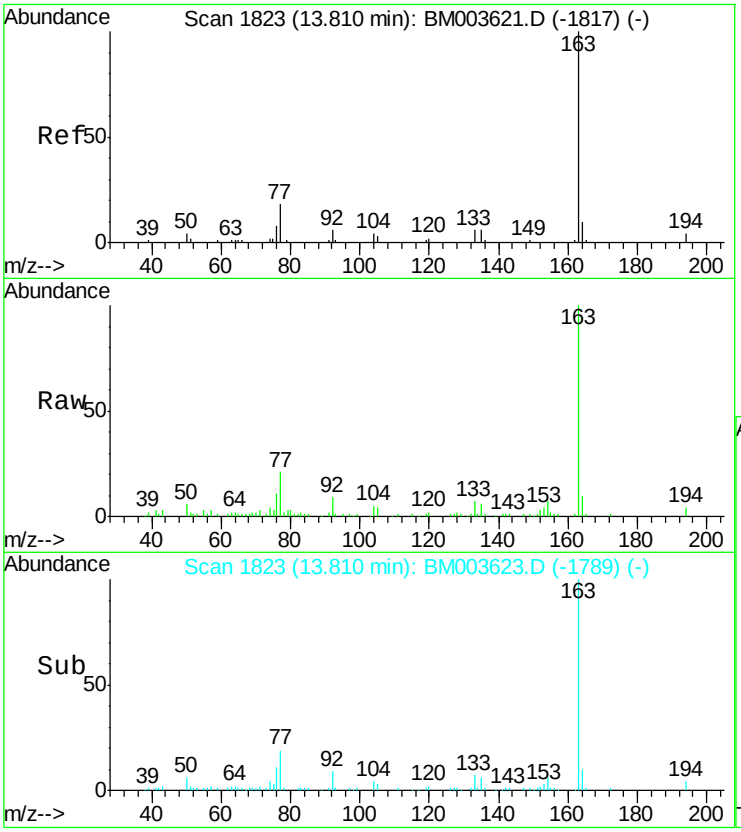


#43
2-Nitroaniline
Concen: 1.98 ng/ul
RT: 13.37 min Scan# 1749
Delta R.T. -0.05 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Tgt Ion: 65 Resp: 3986

Ion	Ratio	Lower	Upper
65	100		
92	0.0	60.4	90.6#
138	36.5	99.8	149.6#



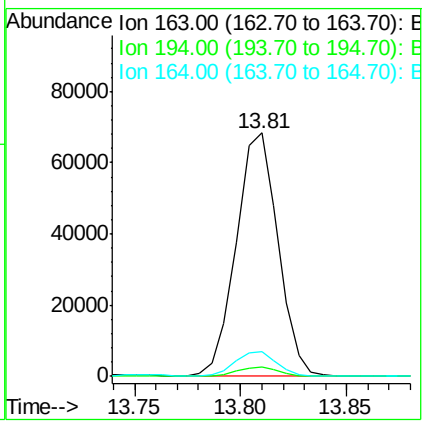


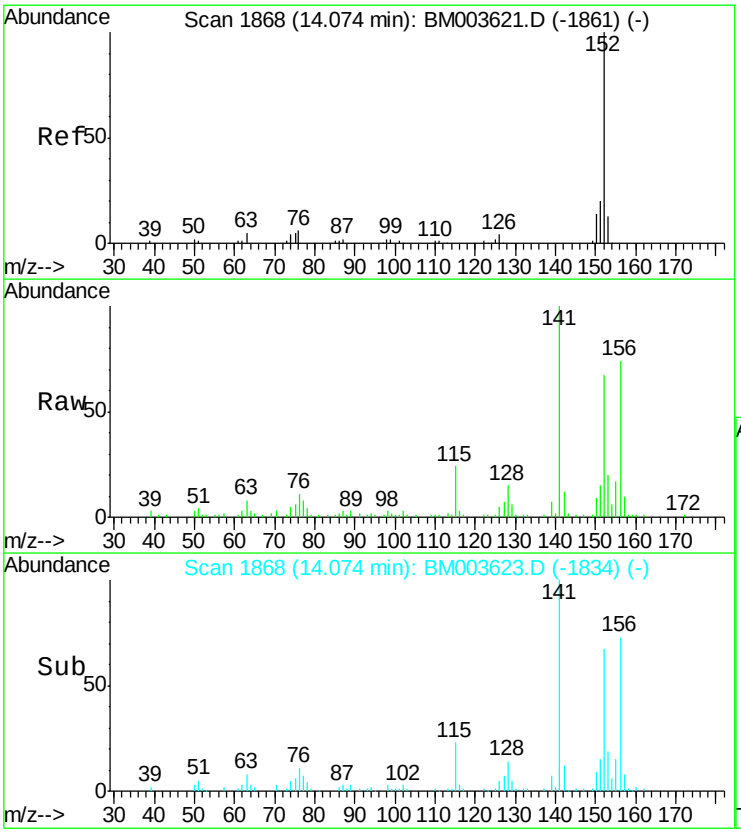
#45
Dimethylphthalate
Concen: 9.31 ng/ul
RT: 13.81 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Instrument :
BNA_M
ClientSampleId :
G9C63

Tgt Ion:163 Resp: 93774

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.3	7.8	11.8





#48
Acenaphthylene
Concen: 5.44 ng/ul
RT: 14.07 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Tgt Ion:152 Resp: 66607

Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.7	23.5
153	29.5	10.5	15.7#