Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\

Quantitation Report (Not Reviewed)

Data File : BM010646.D
Acq On : 22 Jun 2017 05:02
Operator : SJ/JU
Sample : I3558-13ME 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C86MEDL

Quant Time: Jun 22 06:39:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	69786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	319977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	223479	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	562919	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	684845	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	554088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	8816	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	4874	1.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	6628	1.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	8190	1.49	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	4056	1.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	4001	1.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	7860	1.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	10133	1.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	34527	1.76	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	37150	1.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	3281	0.95	ng/ul	-0.01
57) Fluorene-d10	15.12	176	29609	1.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	3586	1.04	ng/ul	0.00
70) Anthracene-d10	16.96	188	48264	1.78	ng/ul	0.00
76) Pyrene-d10	19.27	212	58912	1.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	45577	1.70	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.27	128	1078921	67.76	ng/ul	100
30) 4-Chloroaniline	10.27	127	145019	24.72	ng/ul#	21
34) 2-Methylnaphthalene	11.90	142	234748	18.34	ng/ul	95
40) 1,1'-Biphenyl	12.93	154	63490	3.63	ng/ul	93
49) Acenaphthene	14.18	153	177058	12.08	ng/ul	94
53) Dibenzofuran	14.52	168	236067	10.63	ng/ul	93
58) Fluorene	15.17	166	228916	12.31	ng/ul	98
69) Phenanthrene	16.91	178	1031807	34.48	ng/ul	98
71) Anthracene	17.00	178	164087	5.32	ng/ul	99
72) Carbazole	17.27	167	108191	4.02	ng/ul	98
74) Fluoranthene	18.94	202	640960	16.62	ng/ul#	95
77) Pyrene	19.30	202	426399	10.78	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	136841	3.43	ng/ul	99
82) Chrysene	21.12	228	107923	3.04	ng/ul	93
85) Benzo(b)fluoranthene	22.59	252	73138	2.03	ng/ul	98
86) Benzo(k)fluoranthene	22.59	252	73138	2.14	ng/ul	100
88) Benzo(a)pyrene	23.12	252	40573	1.23	ng/ul	99

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\

Quantitation Report (Not Reviewed)

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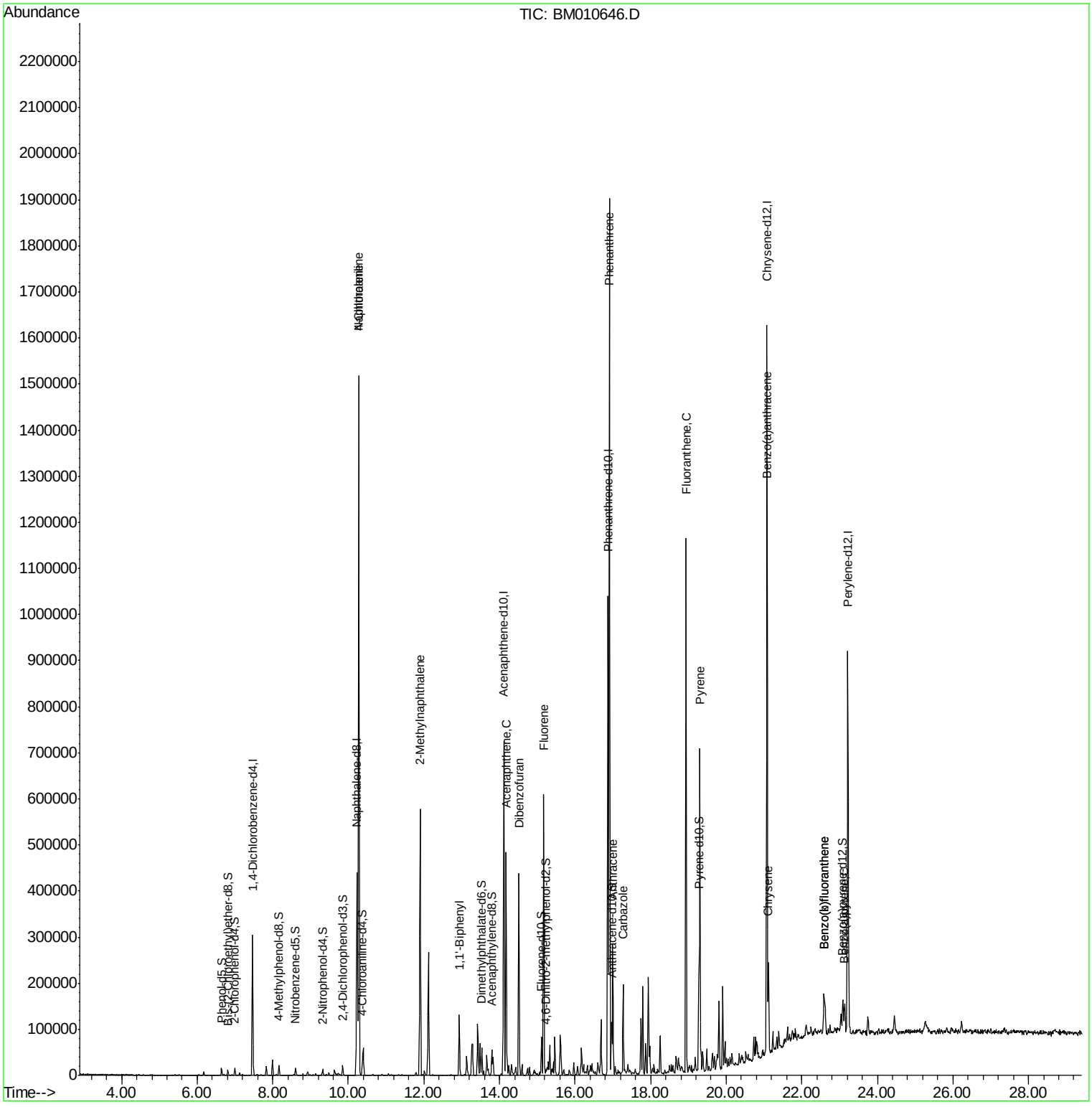
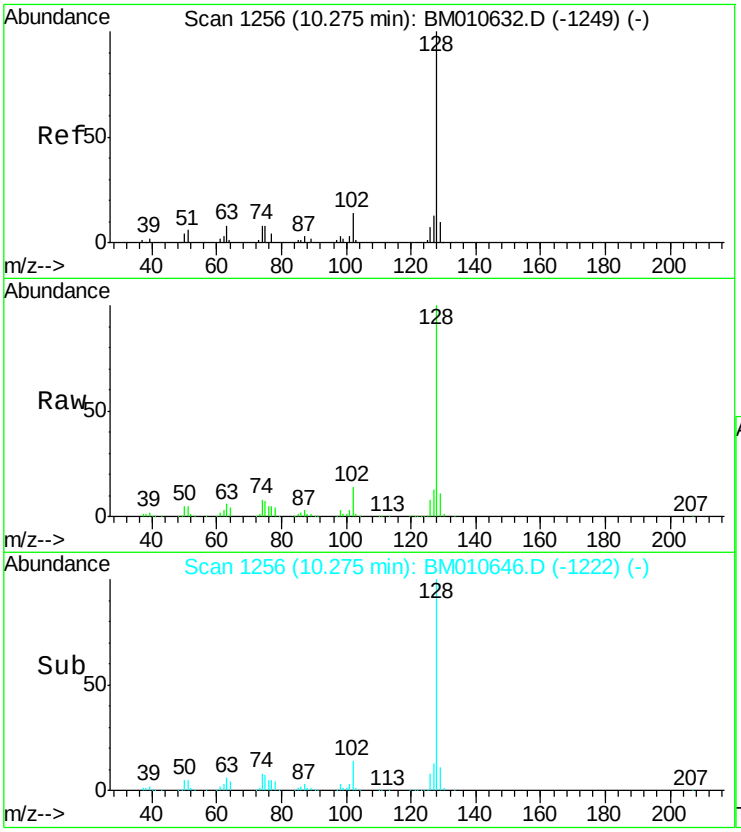
Acq On : 22 Jun 2017 05:02
Operator : SJ/JU
Sample : I3558-13ME 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C86MEDL

Quant Time: Jun 22 06:39:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration



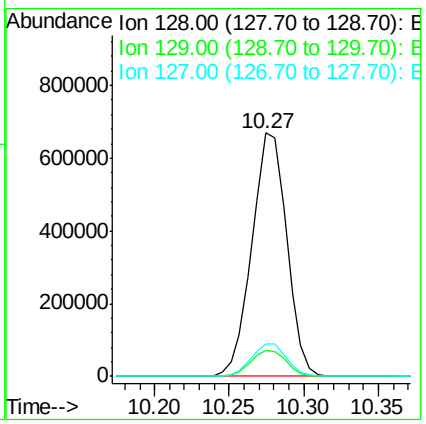


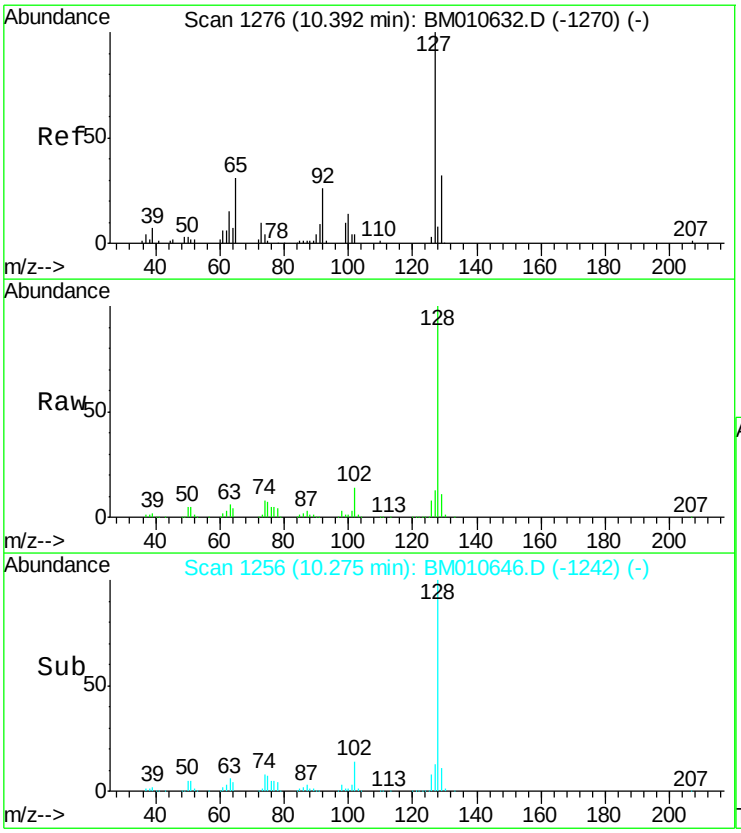
#28
Naphthalene
Concen: 67.76 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Instrument :
BNA_M
ClientSampleId :
F5C86MEDL

Tgt Ion:128 Resp: 1078921

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.6	16.0

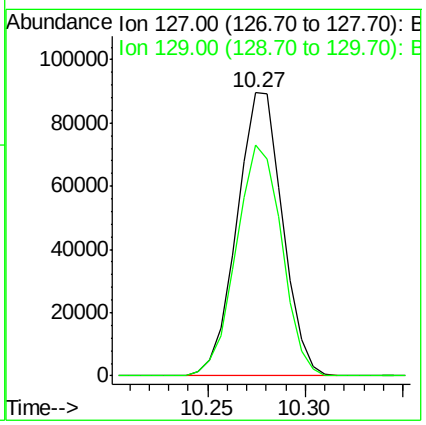


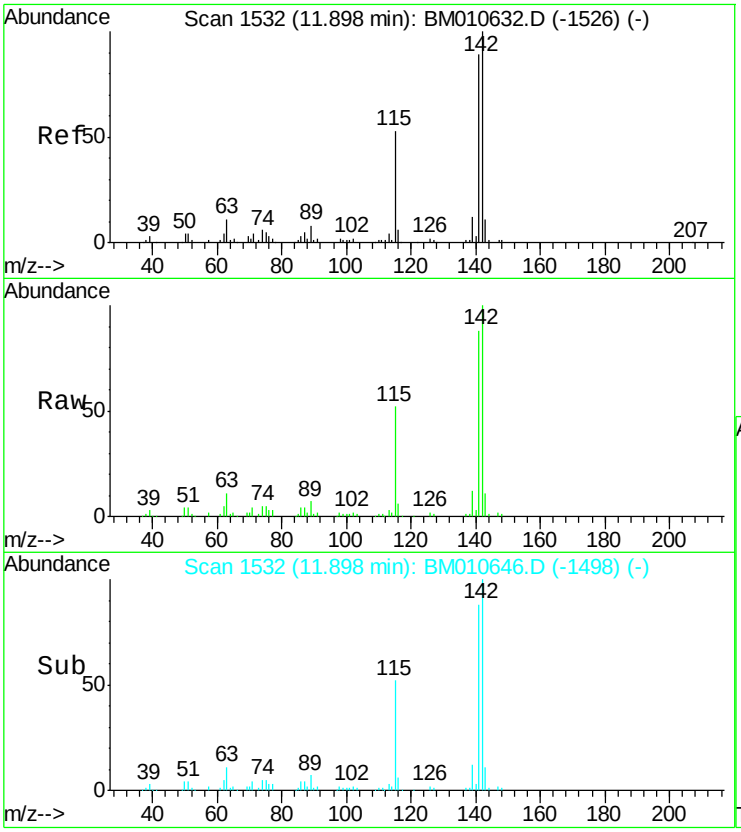


#30
4-Chloroaniline
Concen: 24.72 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.12 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Tgt Ion:127 Resp: 145019

Ion	Ratio	Lower	Upper
127	100		
129	81.7	28.4	42.6#



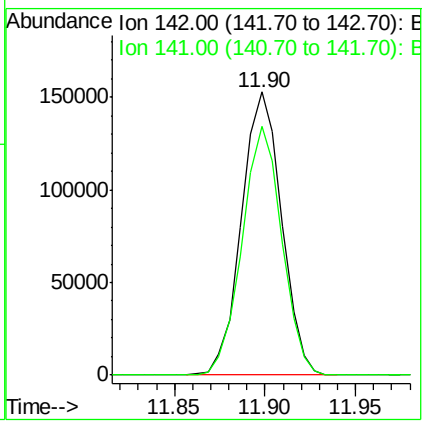


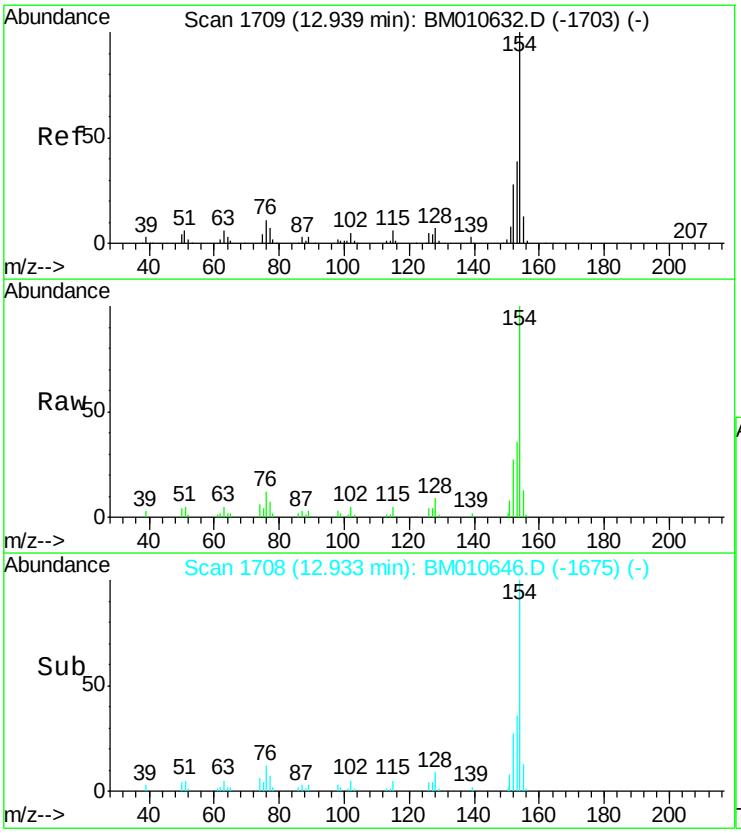
#34
2-Methylnaphthalene
Concen: 18.34 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Instrument :
BNA_M
ClientSampleId :
F5C86MEDL

Tgt Ion:142 Resp: 234748

Ion	Ratio	Lower	Upper
142	100		
141	87.9	74.1	111.1

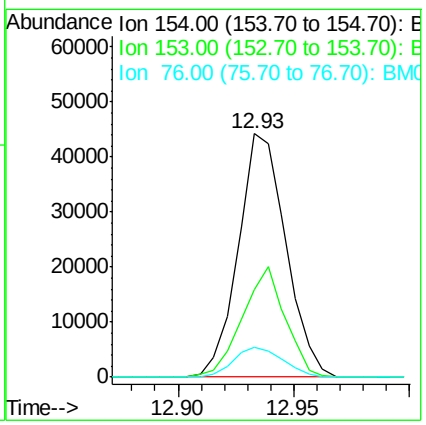


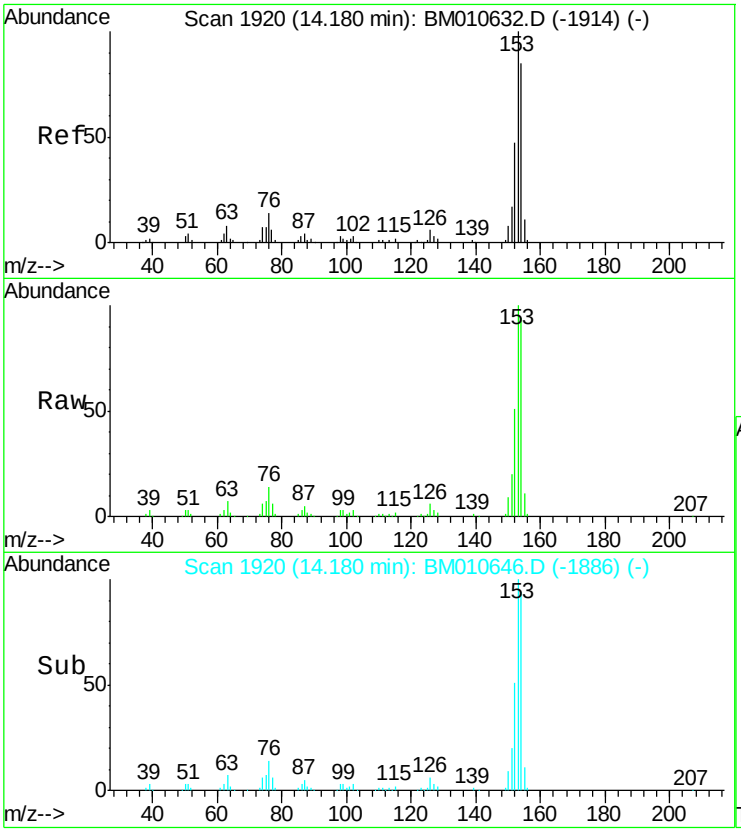


#40
1,1'-Biphenyl
Concen: 3.63 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Tgt Ion:154 Resp: 63490

Ion	Ratio	Lower	Upper
154	100		
153	35.7	32.6	48.8
76	12.2	8.5	12.7



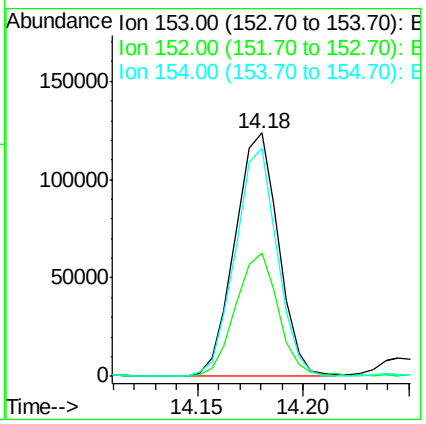


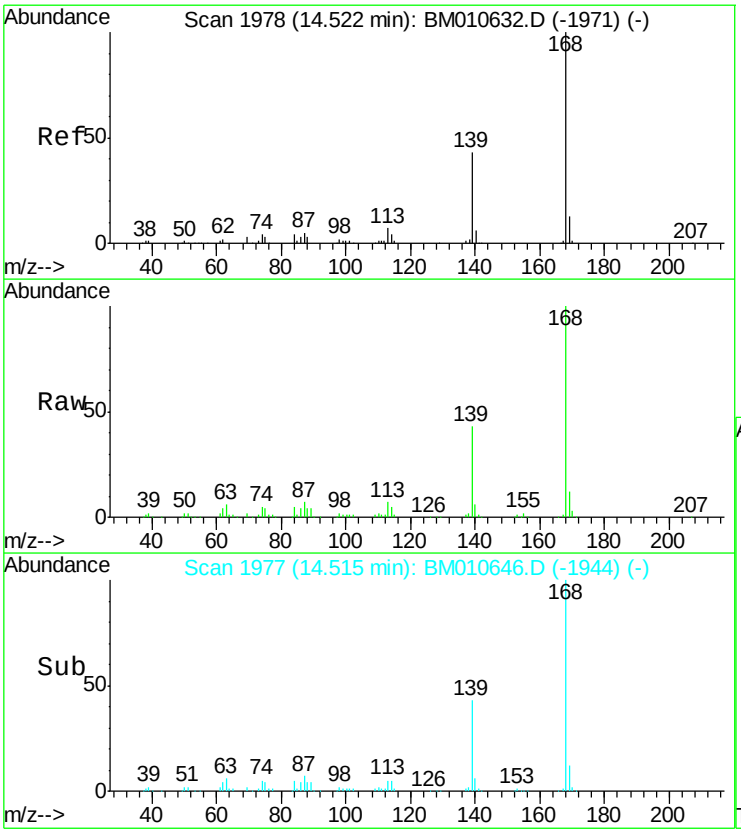
#49
Acenaphthene
Concen: 12.08 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Instrument :
BNA_M
ClientSampleId :
F5C86MEDL

Tgt Ion:153 Resp: 177058

Ion	Ratio	Lower	Upper
153	100		
152	50.6	37.6	56.4
154	93.7	70.4	105.6

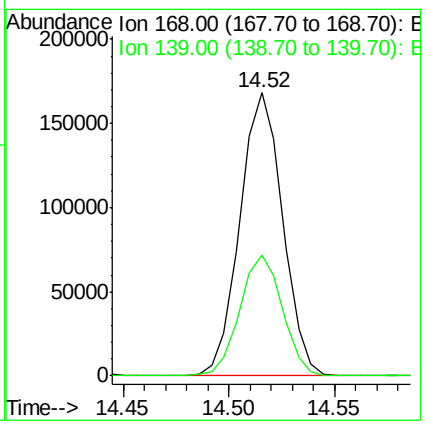


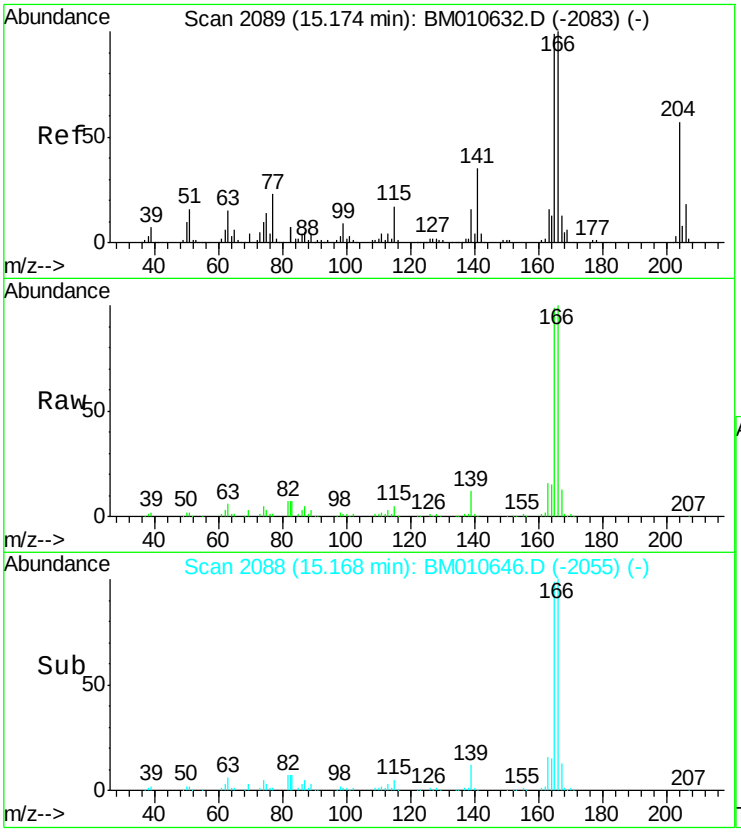


#53
Dibenzofuran
Concen: 10.63 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Tgt Ion:168 Resp: 236067

Ion	Ratio	Lower	Upper
168	100		
139	42.9	30.8	46.2



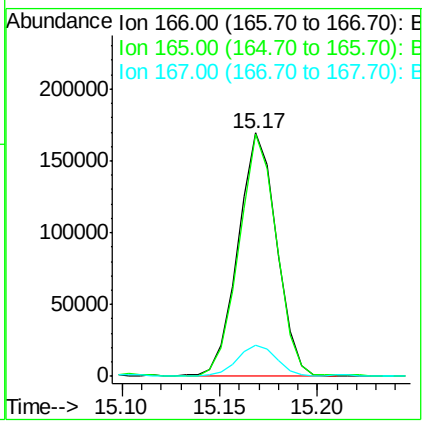


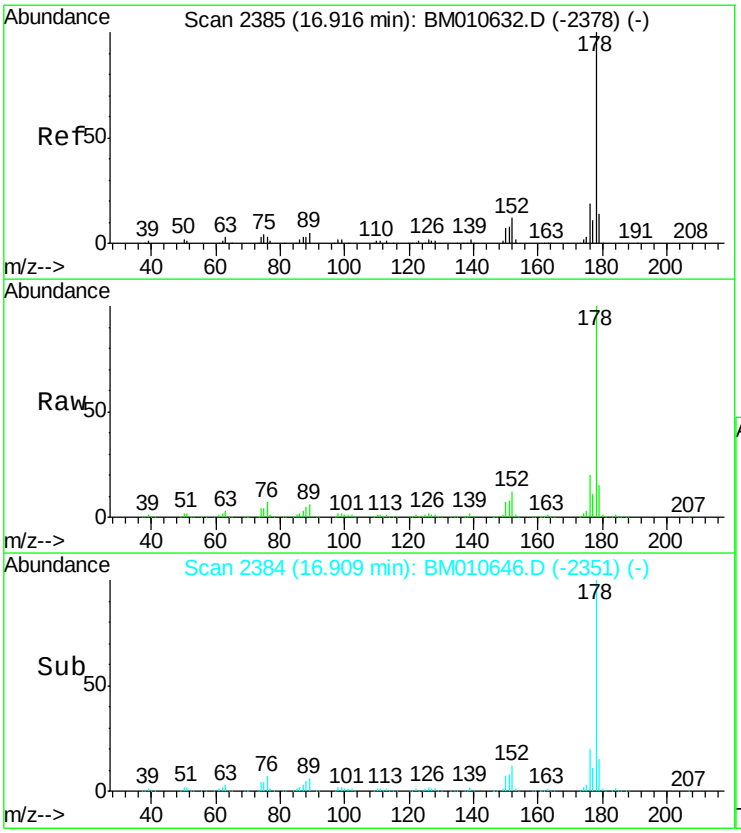
#58
Fluorene
Concen: 12.31 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Instrument :
BNA_M
ClientSampleId :
F5C86MEDL

Tgt Ion:166 Resp: 228916

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	12.8	10.6	16.0

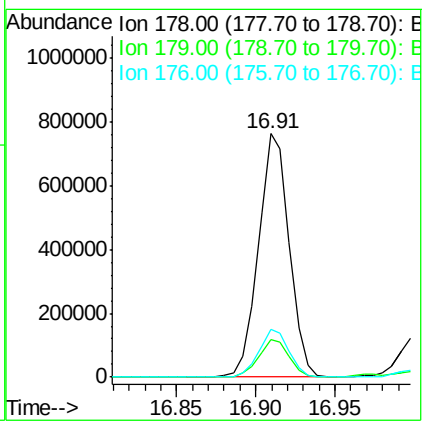


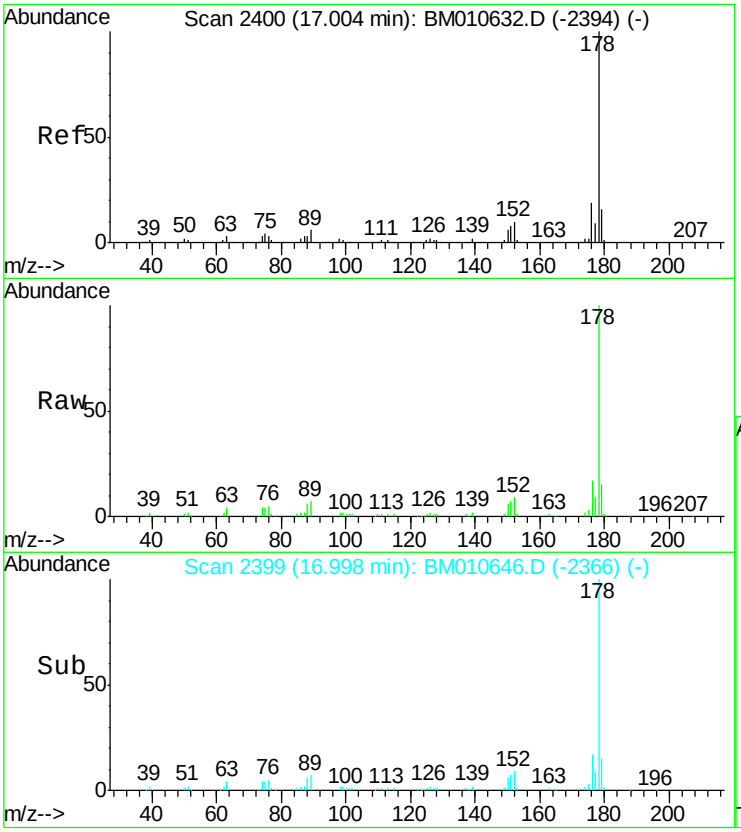


#69
Phenanthrene
Concen: 34.48 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Tgt Ion:178 Resp: 1031807

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.7	14.9	22.3



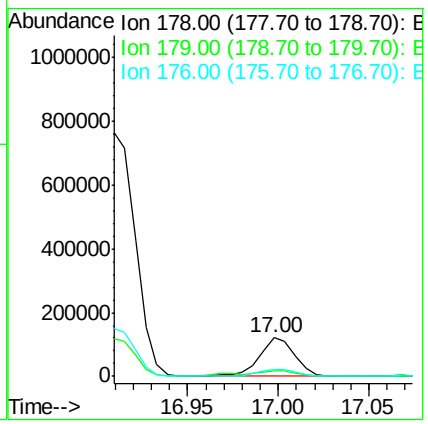


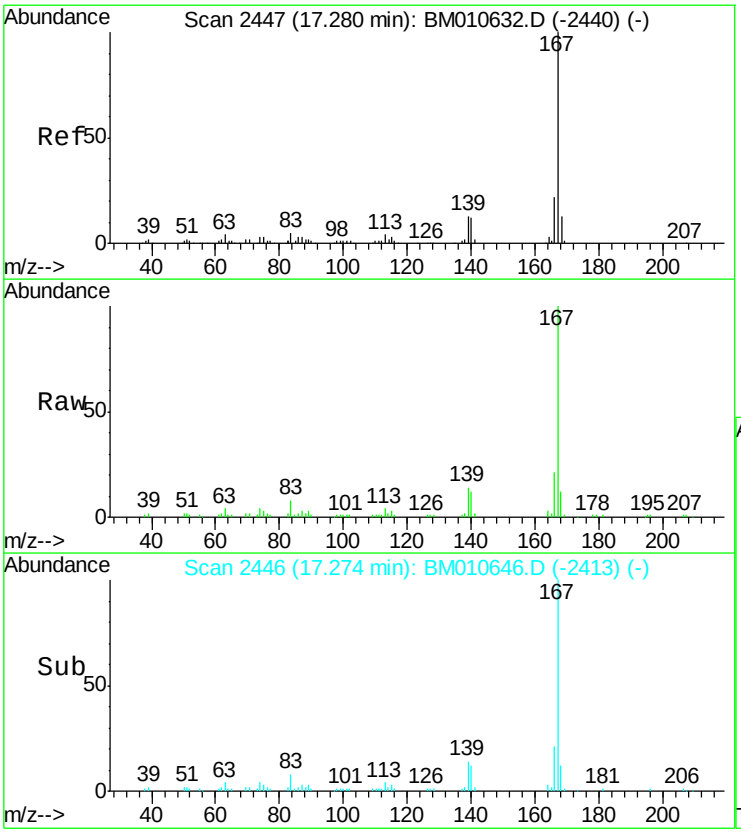
#71
Anthracene
Concen: 5.32 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Instrument :
BNA_M
ClientSampleId :
F5C86MEDL

Tgt Ion:178 Resp: 164087

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.7	17.5
176	17.1	14.6	21.8





#72
Carbazole
Concen: 4.02 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Tgt Ion:167 Resp: 108191

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	13.9	10.0	15.0