Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013360.D
Acq On : 13 Dec 2017 04:36
Operator : SJ/JU
Sample : I6759-04DL2 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A03DL2

Quant Time: Dec 13 07:02:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	126624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	547222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	351130	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	885253	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1116095	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1004574	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	950	0.37	ng/uL	0.00
5) Phenol-d5	6.87	99	14803	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	10071	1.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	12745	1.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	12255	1.31	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	6254	1.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	6312	1.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	13861	1.45	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	17420	1.98	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	53510	1.71	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	64824	1.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	3466	0.64	ng/ul	0.02
57) Fluorene-d10	15.32	176	47688	1.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	2540	0.46	ng/ul	0.00
70) Anthracene-d10	17.17	188	83179	1.88	ng/ul	0.00
76) Pyrene-d10	19.47	212	96549	1.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	87858	1.72	ng/ul	0.00
Target Compounds						Qvalue
40) 1,1'-Biphenyl	13.16	154	80167	2.701	ng/ul	94
49) Acenaphthene	14.39	153	489024	20.118	ng/ul	95
53) Dibenzofuran	14.73	168	465585	12.975	ng/ul	99
58) Fluorene	15.38	166	432800	14.579	ng/ul	100
69) Phenanthrene	17.12	178	2288744	45.508	ng/ul	99
71) Anthracene	17.21	178	279533	5.438	ng/ul	99
72) Carbazole	17.49	167	83208	1.882	ng/ul	98
74) Fluoranthene	19.14	202	1694850	27.499	ng/ul#	94
77) Pyrene	19.50	202	1152581	16.998	ng/ul#	96
80) Benzo(a)anthracene	21.25	228	263829	3.726	ng/ul	99
82) Chrysene	21.30	228	287063	4.369	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	113605	1.678	ng/ul#	98

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

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Quant Title : SVOA CALIBRATION
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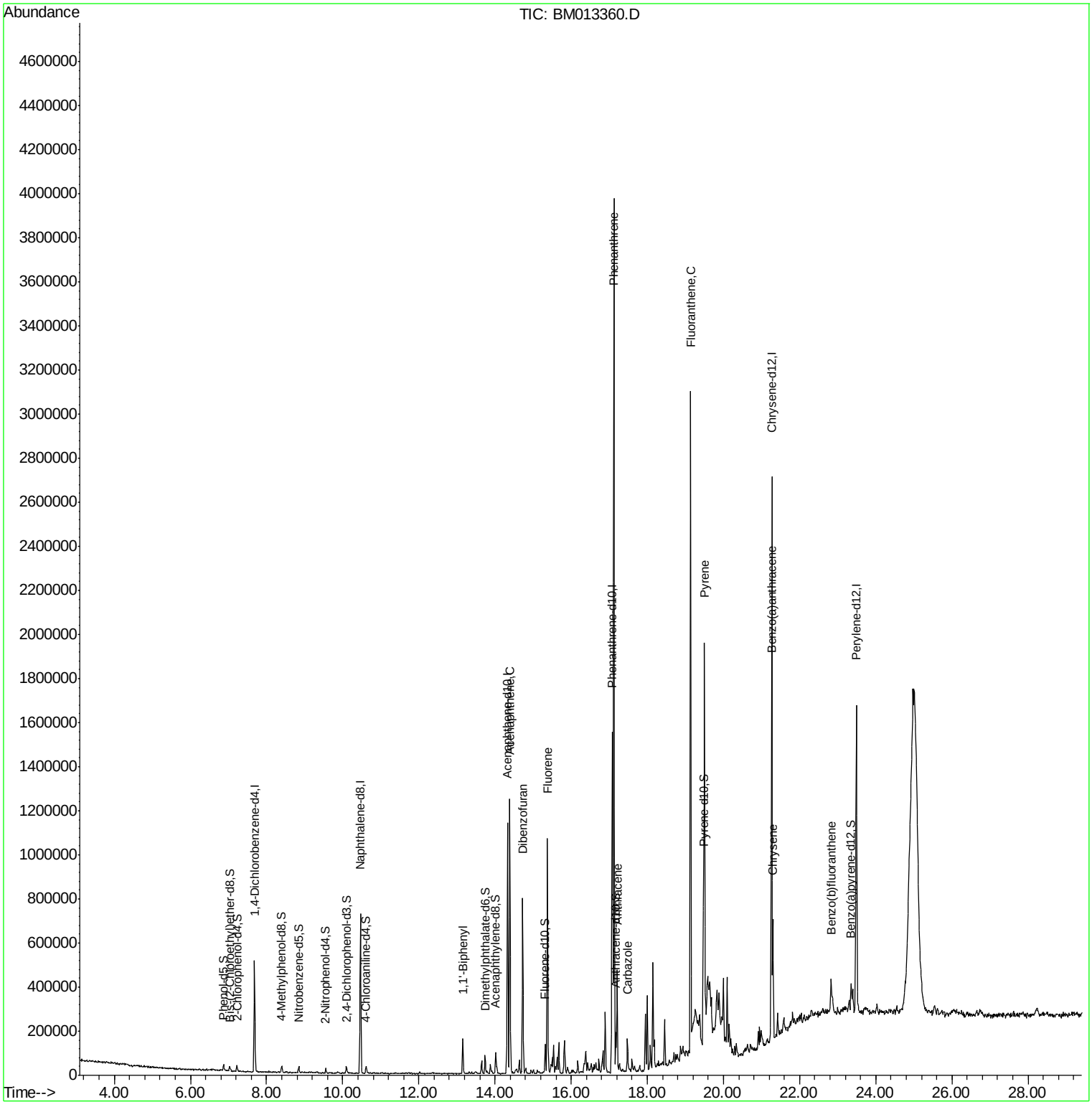
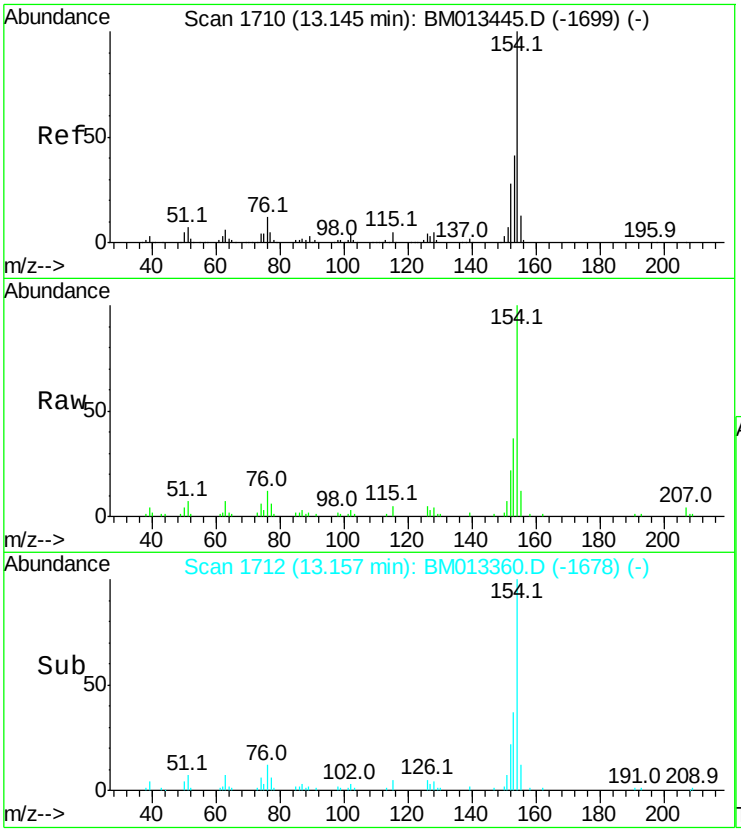


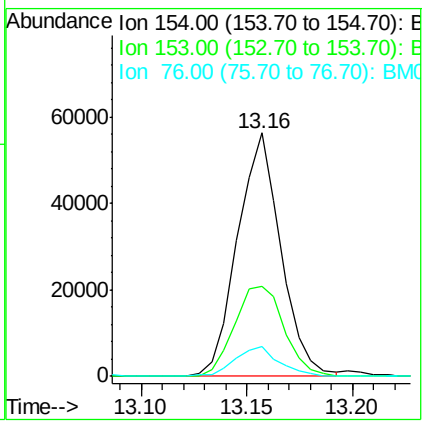


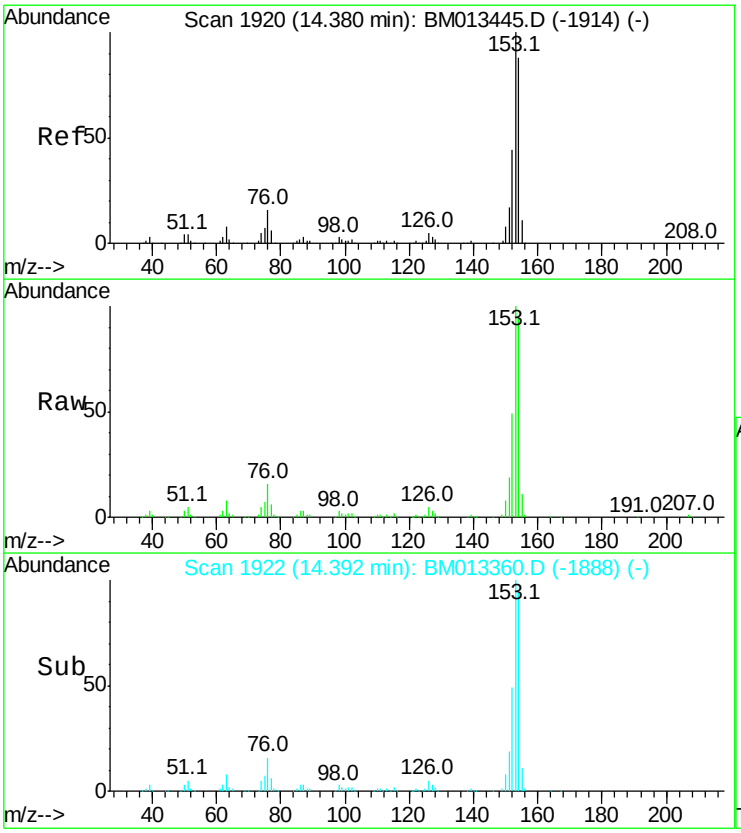
#40
1,1'-Biphenyl
Concen: 2.701 ng/ul
RT: 13.16 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Instrument :
BNA_M
ClientSampleId :
F9A03DL2

Tgt Ion:154 Resp: 80167

Ion	Ratio	Lower	Upper
154	100		
153	36.9	32.6	48.8
76	12.4	8.5	12.7

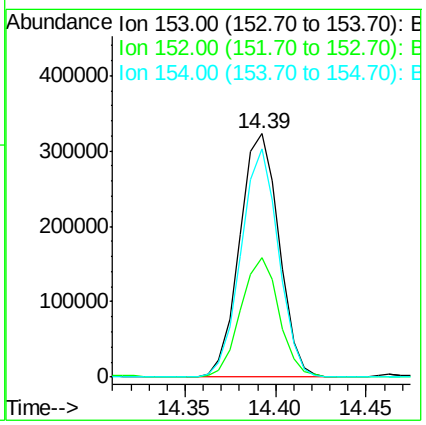


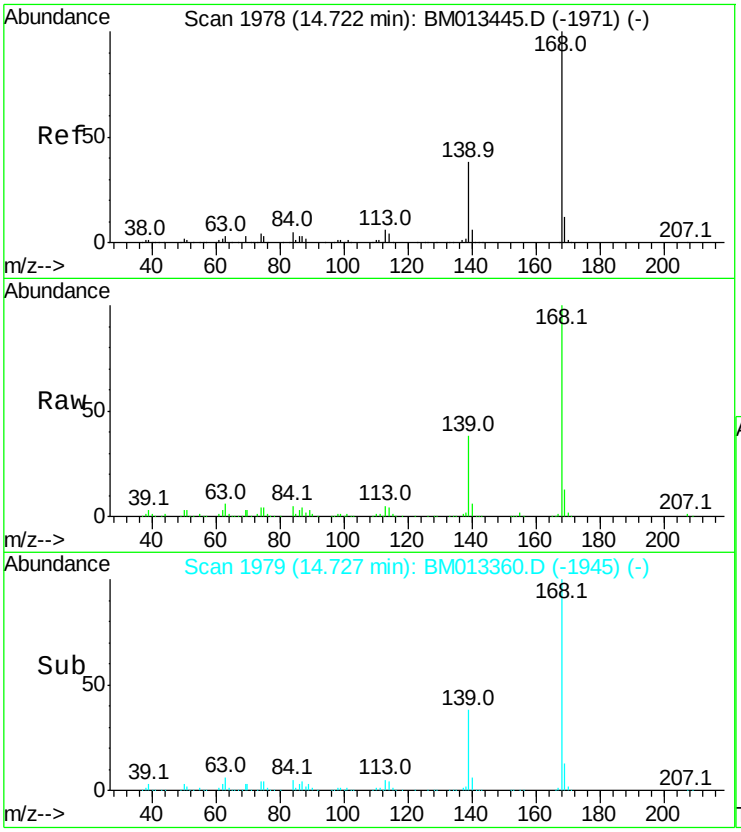


#49
Acenaphthene
Concen: 20.118 ng/ul
RT: 14.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Tgt Ion:153 Resp: 489024

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.6	56.4
154	93.5	70.4	105.6



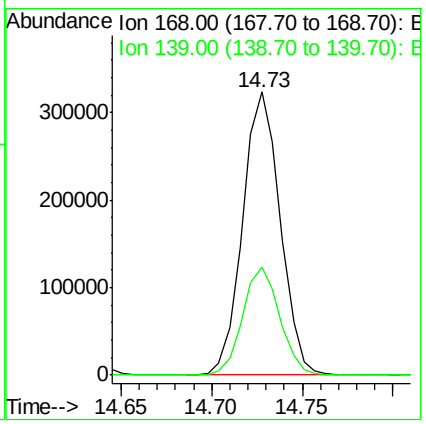


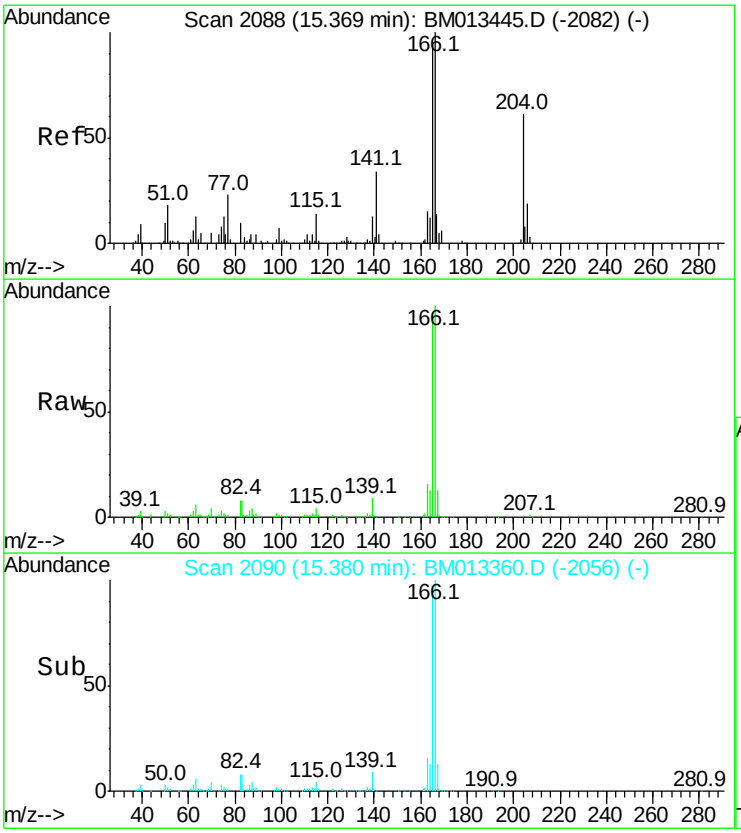
#53
Dibenzofuran
Concen: 12.975 ng/ul
RT: 14.73 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Instrument :
BNA_M
ClientSampleId :
F9A03DL2

Tgt Ion:168 Resp: 465585

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.8	46.2

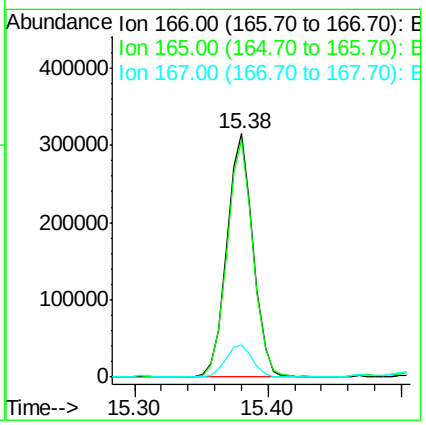


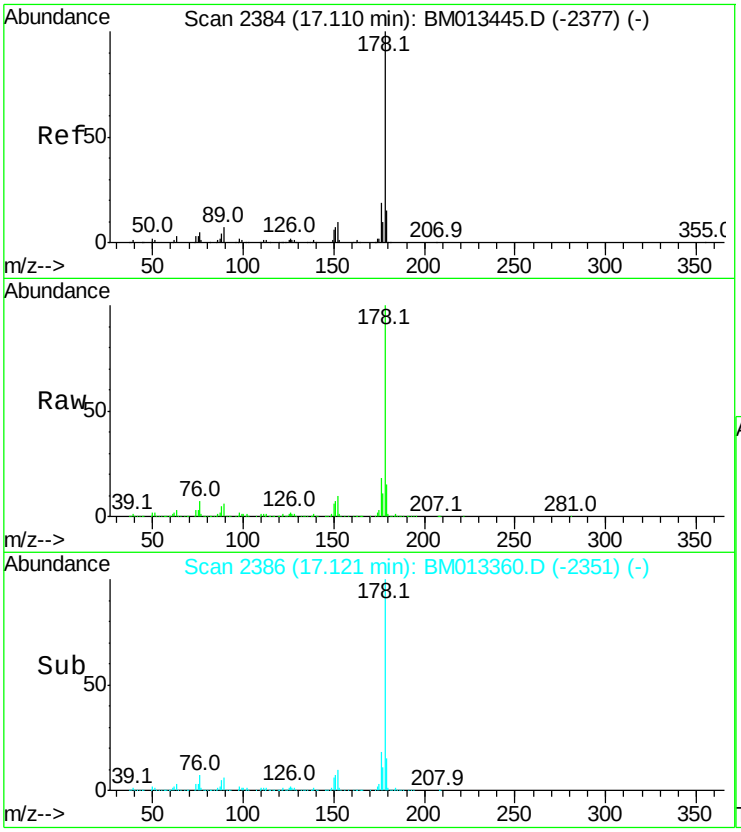


#58
Fluorene
Concen: 14.579 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Tgt Ion:166 Resp: 432800

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.9	116.9
167	13.4	10.6	16.0



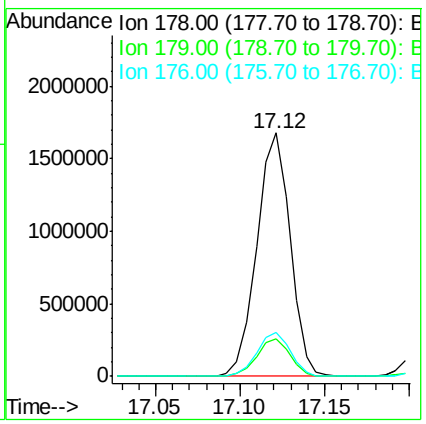


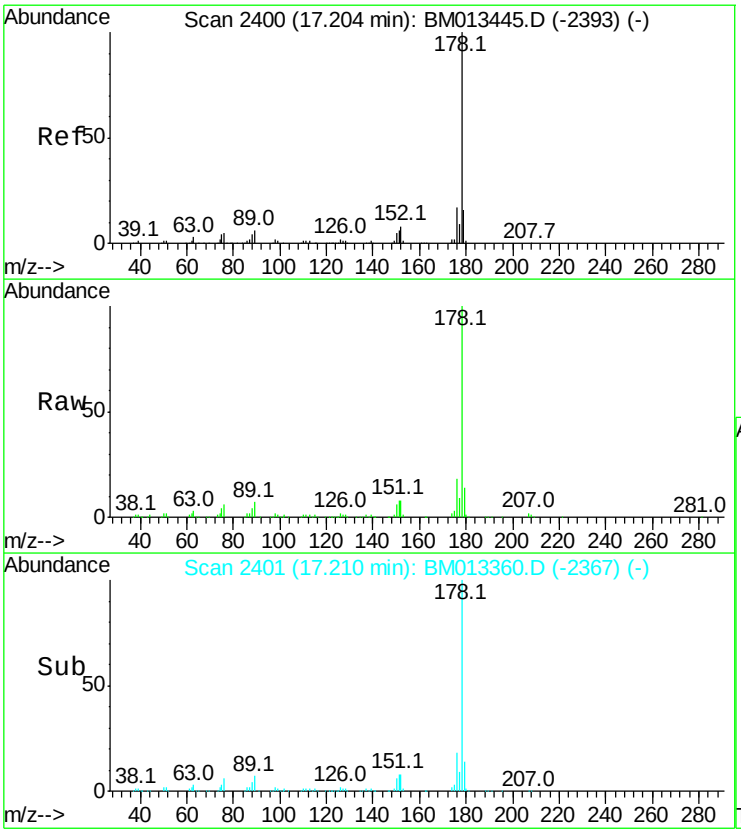
#69
Phenanthrene
Concen: 45.508 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Instrument :
BNA_M
ClientSampleId :
F9A03DL2

Tgt Ion:178 Resp: 2288744

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.0	14.9	22.3

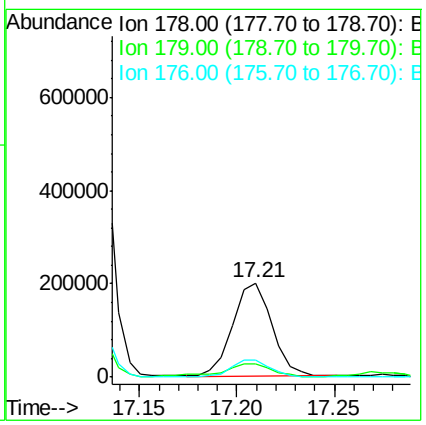


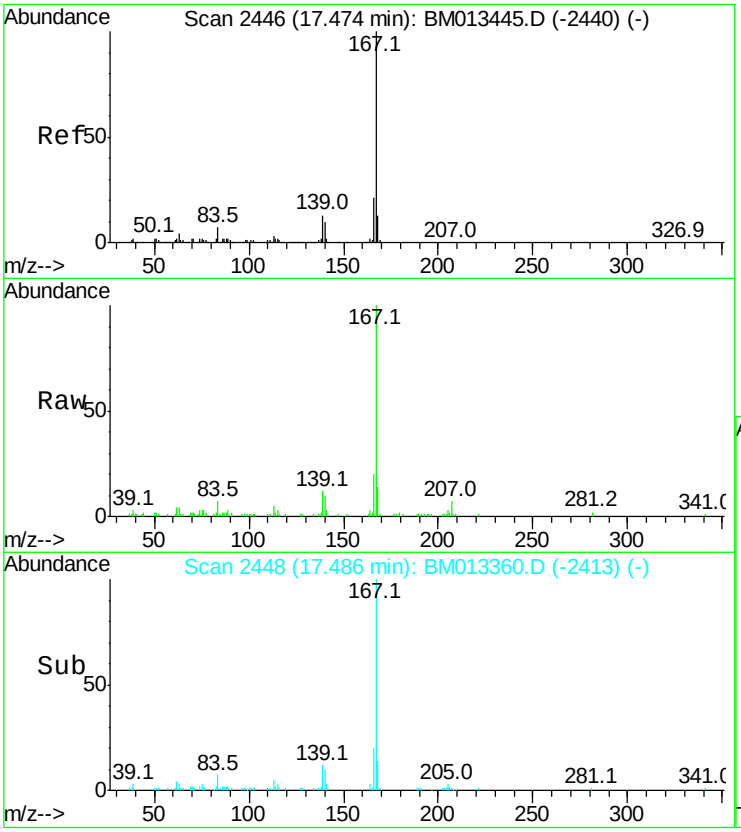


#71
Anthracene
Concen: 5.438 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Tgt Ion:178 Resp: 279533

Ion	Ratio	Lower	Upper
178	100		
179	14.1	11.7	17.5
176	18.5	14.6	21.8



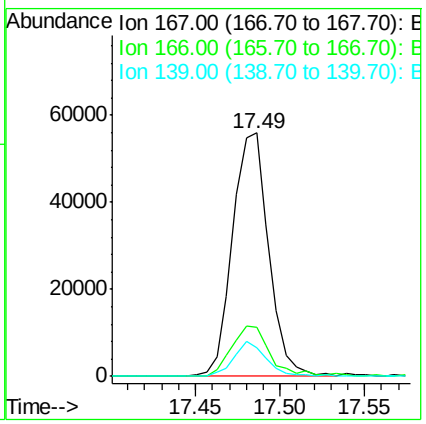


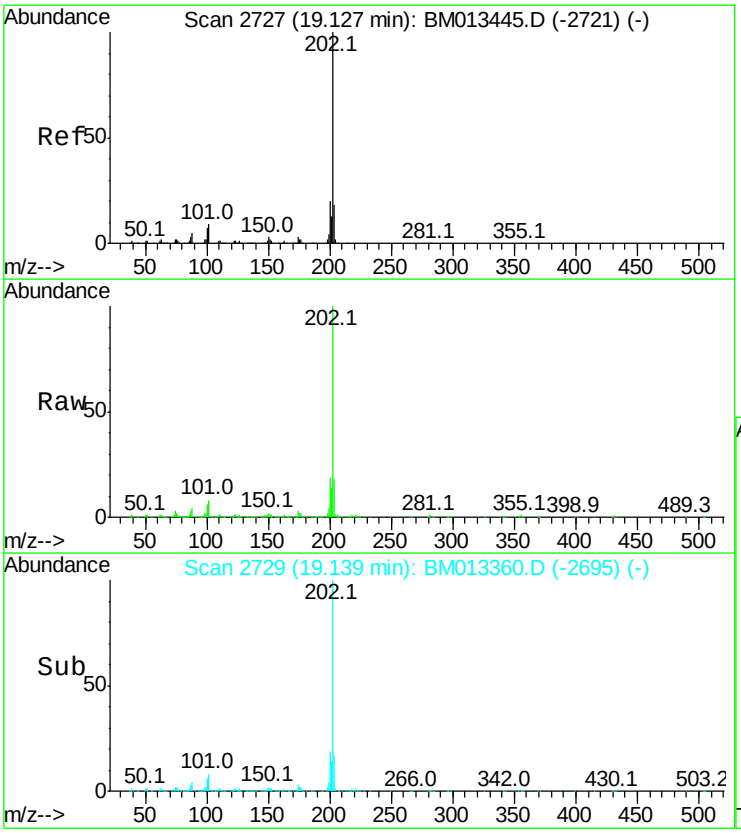
#72
Carbazole
Concen: 1.882 ng/ul
RT: 17.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Instrument :
BNA_M
ClientSampleId :
F9A03DL2

Tgt Ion:167 Resp: 83208

Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.1	25.7
139	11.7	10.0	15.0

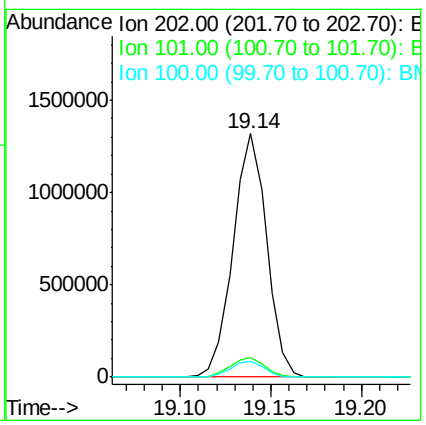


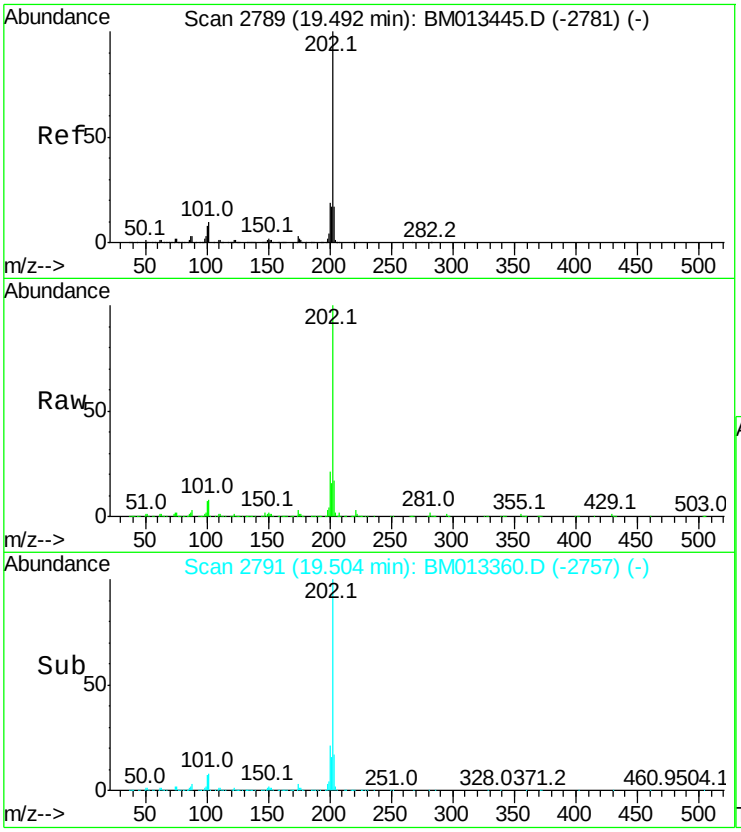


#74
Fluoranthene
Concen: 27.499 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Tgt Ion:202 Resp: 1694850

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.3	3.4	5.2#



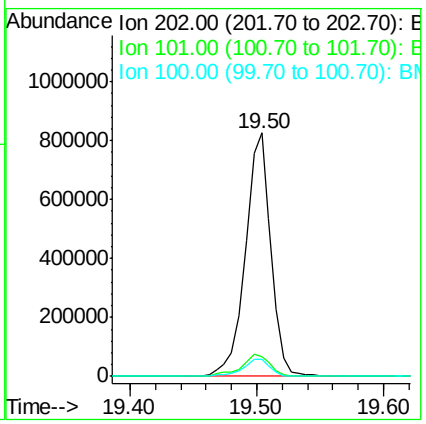


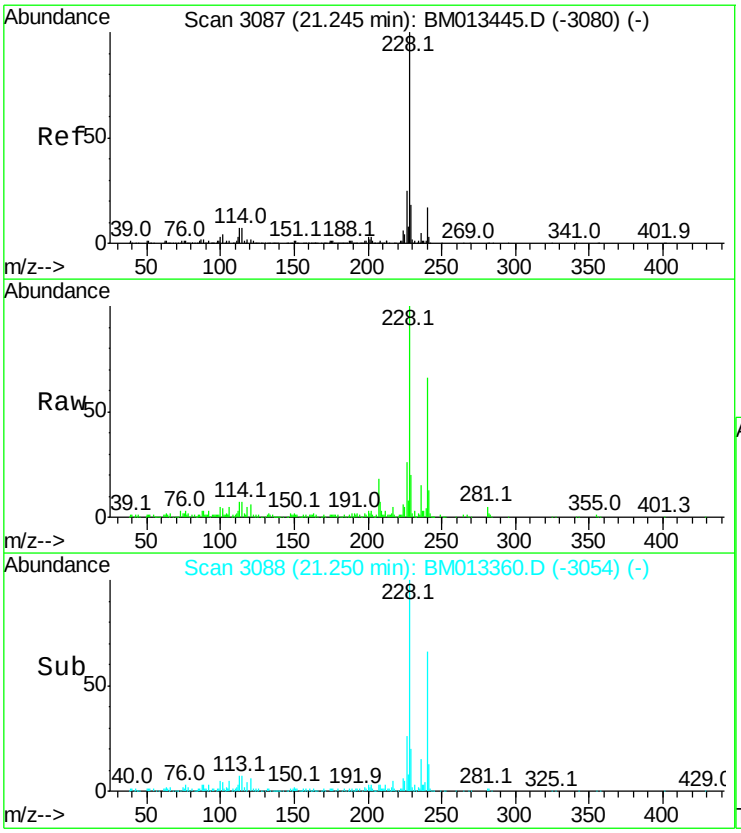
#77
Pyrene
Concen: 16.998 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Instrument :
BNA_M
ClientSampleId :
F9A03DL2

Tgt Ion:202 Resp: 1152581

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.1	7.7#
100	7.2	4.9	7.3

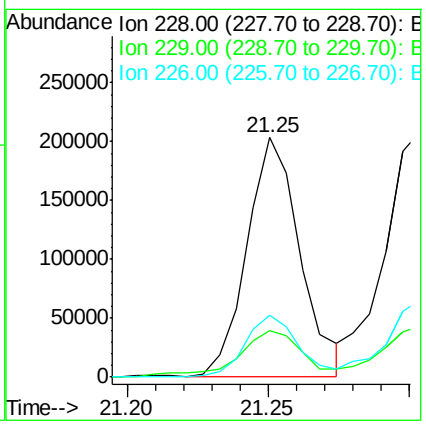


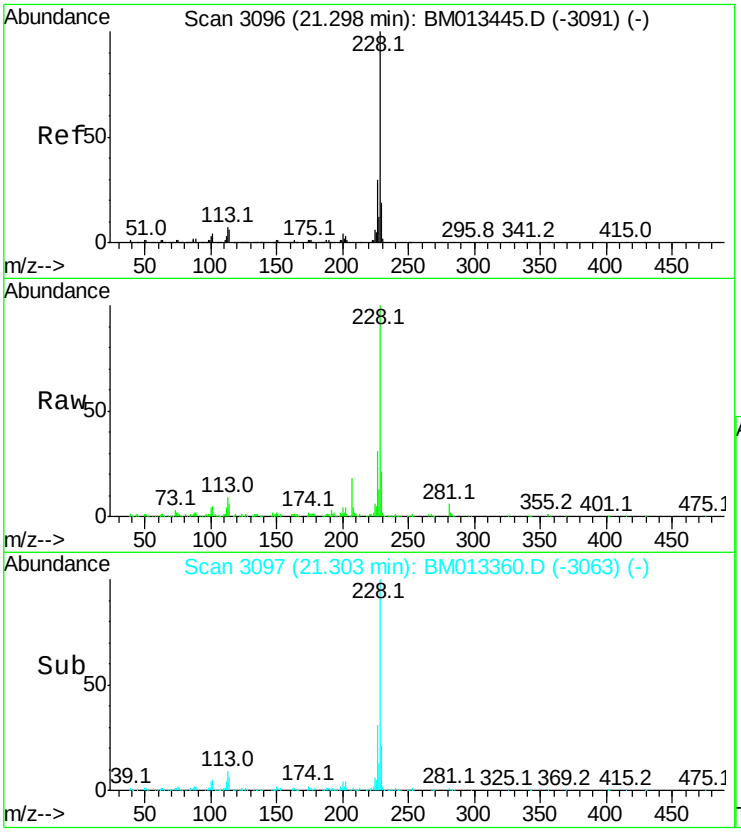


#80
Benzo(a)anthracene
Concen: 3.726 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Tgt Ion:228 Resp: 263829

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	25.8	21.4	32.0



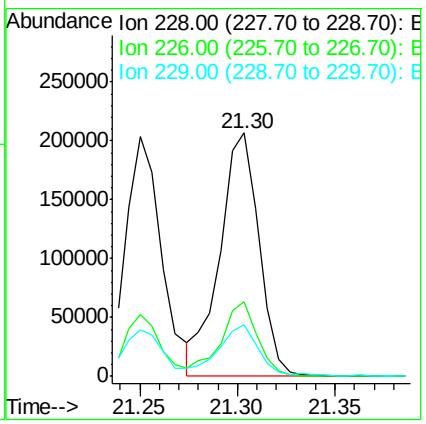


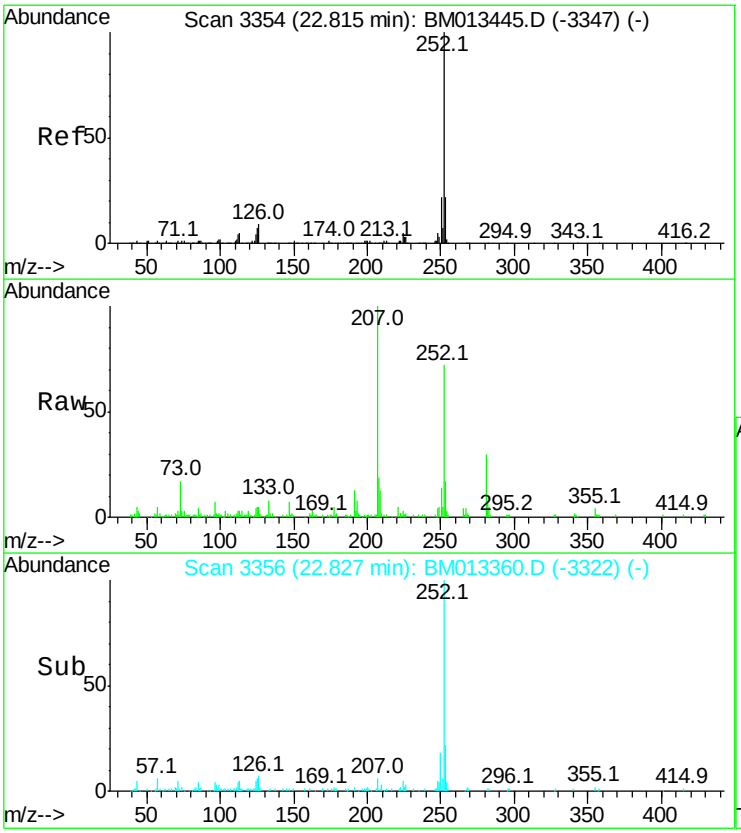
#82
Chrysene
Concen: 4.369 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Instrument :
BNA_M
ClientSampleId :
F9A03DL2

Tgt Ion:228 Resp: 287063

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	21.1	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 1.678 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM013360.D
Acq: 13 Dec 2017 04:36

Tgt Ion:252 Resp: 113605

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	6.9	3.6	5.4#