Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
Data File : BM001785.D
Acq On : 24 Jun 2015 16:56
Operator : TP/IZ
Sample : G2740-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FA7

Quant Time: Jun 25 02:02:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 02:00:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	58761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	248345	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	146792	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	337568	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	385345	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	384517	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	3061	2.48	ng/uL	0.00
5) Phenol-d5	6.83	99	67867	15.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	40729	16.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	56731	15.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	51177	14.13	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	27237	15.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	30082	16.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	58624	14.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	49334	12.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	170731	15.68	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	208129	14.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	26462	13.18	ng/ul	0.00
57) Fluorene-d10	15.31	176	144646	14.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16047	7.78	ng/ul	0.00
70) Anthracene-d10	17.16	188	221270	14.07	ng/ul	0.00
78) Pyrene-d10	19.46	212	216421	13.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	186698	11.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.88	88	9824	6.98	ng/uL#	1
6) Phenol	6.85	94	8430	1.81	ng/ul#	90
14) Acetophenone	8.48	105	35041	6.09	ng/ul	95
28) Naphthalene	10.50	128	19547	1.56	ng/ul	98
44) Dimethylphthalate	13.77	163	53216	4.47	ng/ul	99
47) Acenaphthylene	14.04	152	19840	1.36	ng/ul#	94
49) Acenaphthene	14.38	153	19432	2.00	ng/ul	93
53) Dibenzofuran	14.72	168	18217	1.31	ng/ul	98
58) Fluorene	15.37	166	21257	1.83	ng/ul	90
69) Phenanthrene	17.11	178	360084	19.67	ng/ul	98
71) Anthracene	17.20	178	90017	4.79	ng/ul	98
74) Carbazole	17.47	167	32369	1.96	ng/ul	99
76) Fluoranthene	19.13	202	526440	24.05	ng/ul	98
79) Pyrene	19.49	202	549532	25.70	ng/ul	98
82) Benzo(a)anthracene	21.24	228	259806	11.54	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	17267	1.65	ng/ul#	94
84) Chrysene	21.30	228	258374	12.11	ng/ul	97
87) Benzo(b)fluoranthene	22.82	252	278944	12.46	ng/ul#	98
88) Benzo(k)fluoranthene	22.82	252	61027	2.82	ng/ul#	97
90) Benzo(a)pyrene	23.39	252	225158	10.34	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.71	276	141395	5.48	ng/ul	97
92) Dibenzo(a,h)anthracene	25.73	278	35887	1.65	ng/ul#	90
93) Benzo(g,h,i)perylene	26.40	276	119561	5.51	ng/ul	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
Data File : BM001785.D
Acq On : 24 Jun 2015 16:56
Operator : TP/IZ
Sample : G2740-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0FA7

Quant Time: Jun 25 02:02:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 02:00:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
Data File : BM001785.D
Acq On : 24 Jun 2015 16:56
Operator : TP/IZ
Sample : G2740-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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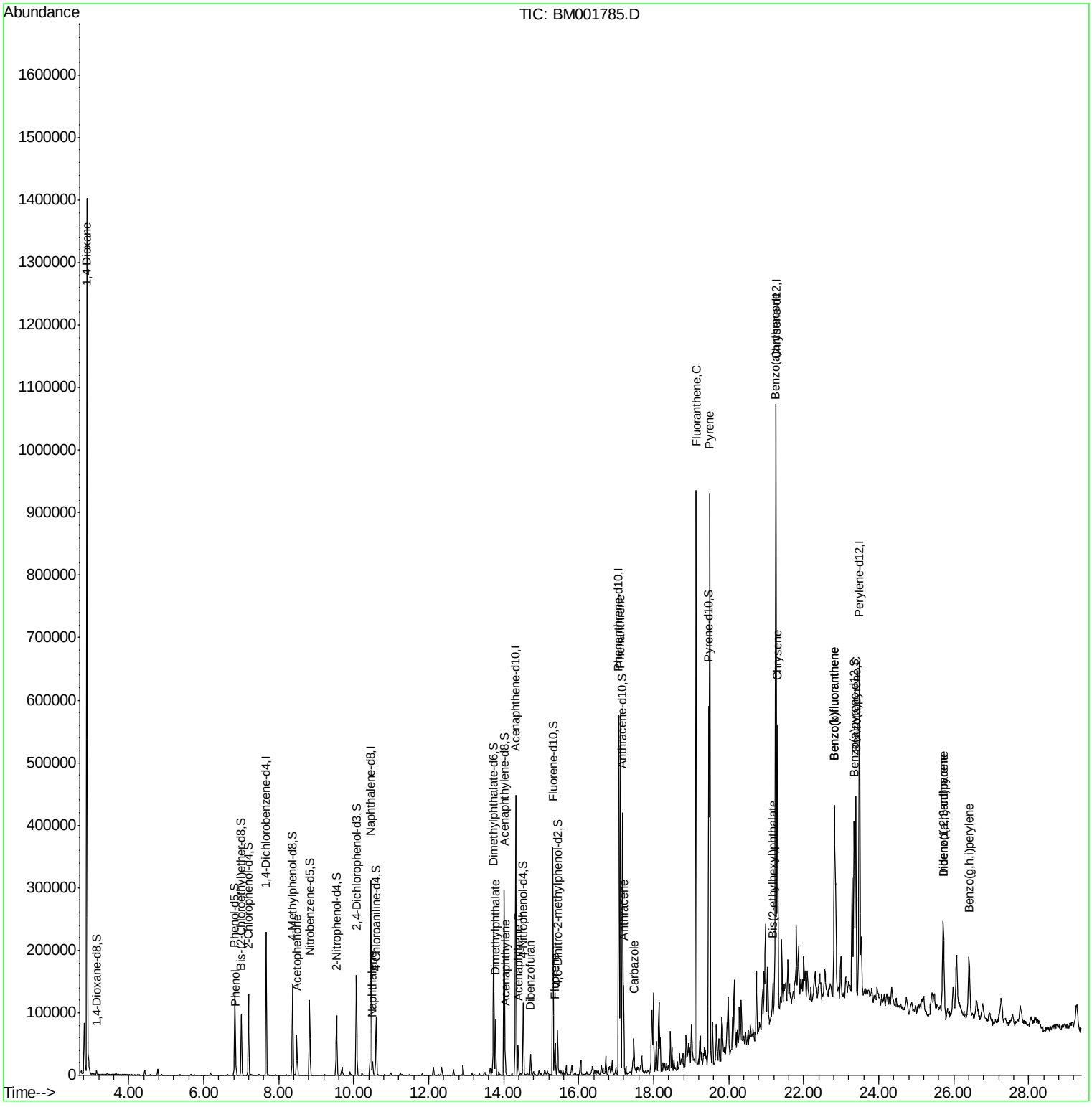
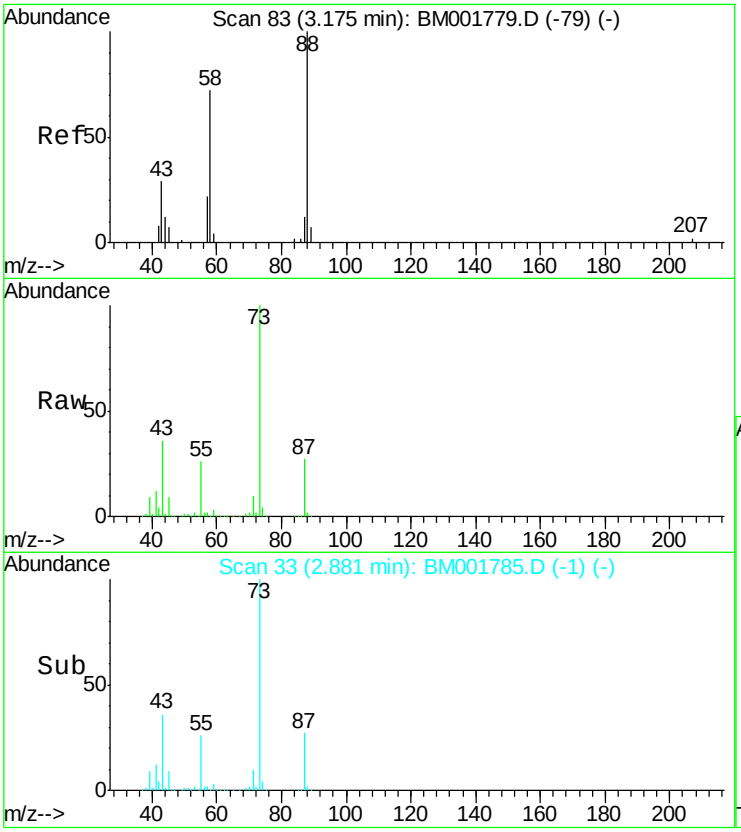
Quant Time: Jun 25 02:02:33 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 02:00:48 2015
Response via : Initial Calibration



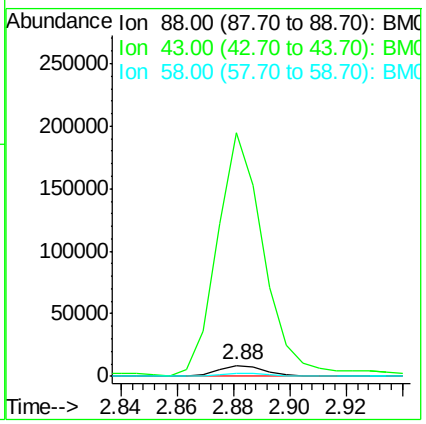


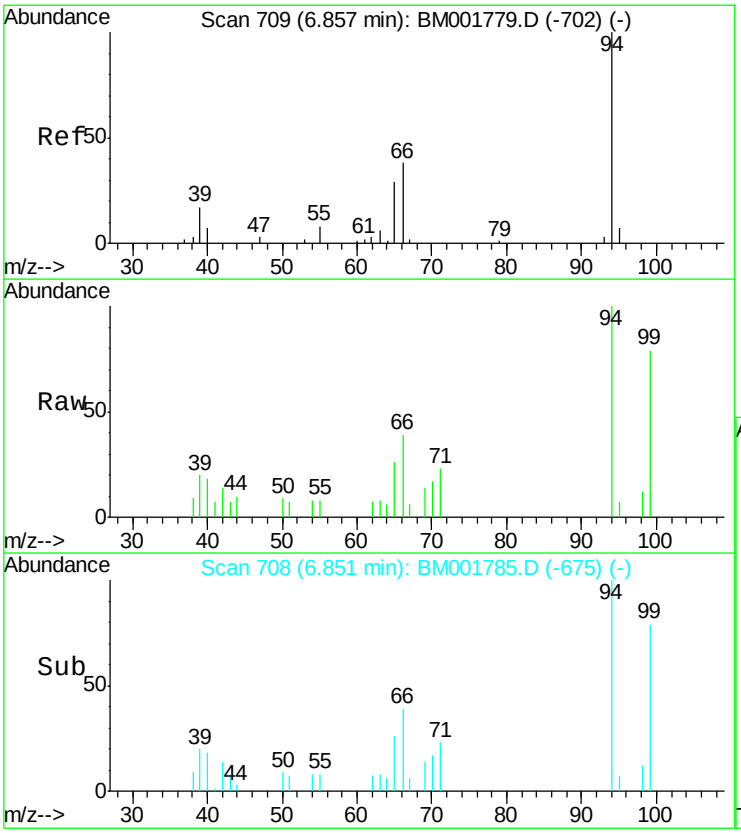
#2
1,4-Dioxane
Concen: 6.98 ng/uL
RT: 2.88 min Scan# 33
Delta R.T. -0.29 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion: 88 Resp: 9824

Ion	Ratio	Lower	Upper
88	100		
43	2325.8	24.2	36.4#
58	28.6	56.2	84.2#

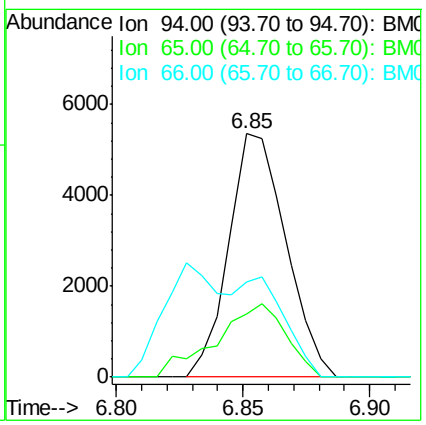


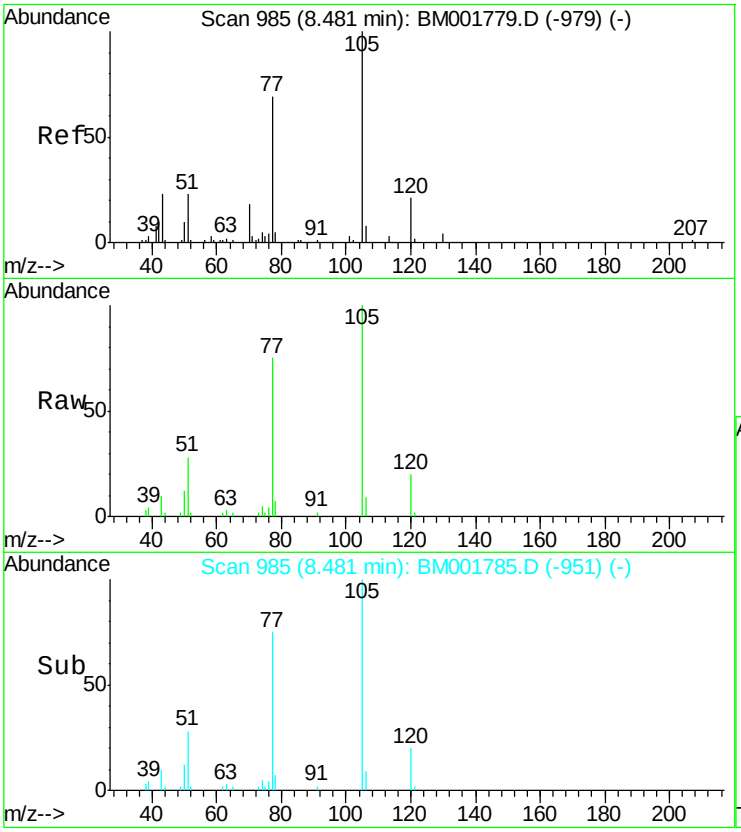


#6
Phenol
Concen: 1.81 ng/ul
RT: 6.85 min Scan# 708
Delta R.T. -0.01 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion: 94 Resp: 8430

Ion	Ratio	Lower	Upper
94	100		
65	26.0	26.1	39.1#
66	39.2	35.9	53.9



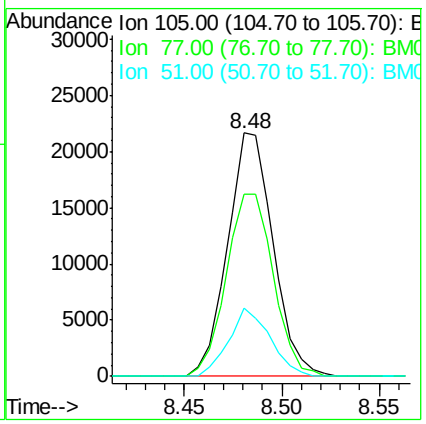


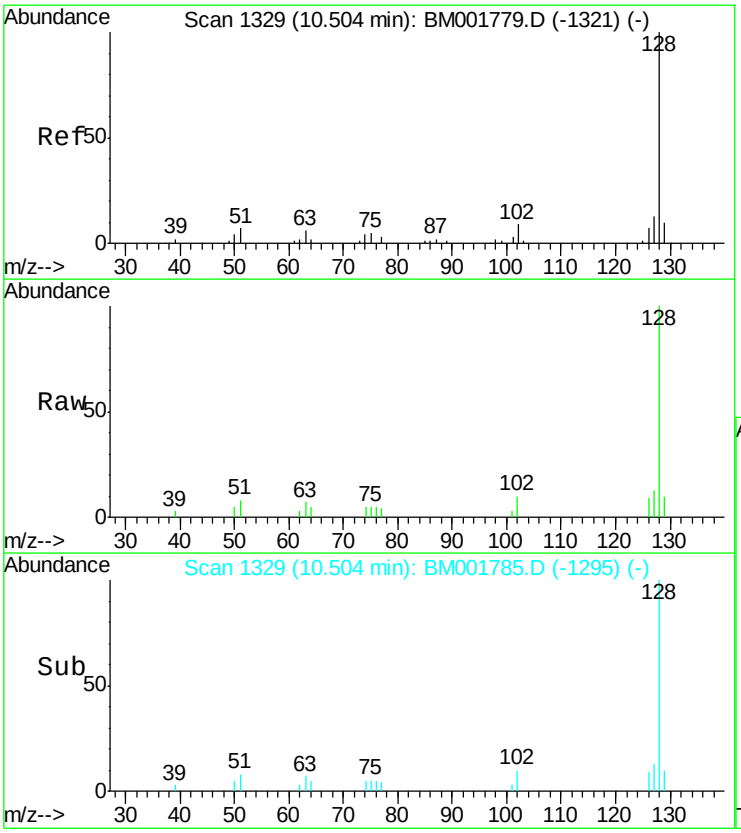
#14
Acetophenone
Concen: 6.09 ng/ul
RT: 8.48 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:105 Resp: 35041

Ion	Ratio	Lower	Upper
105	100		
77	74.8	64.2	96.4
51	28.2	22.0	33.0

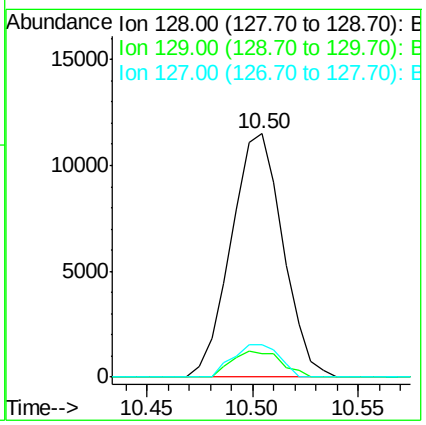


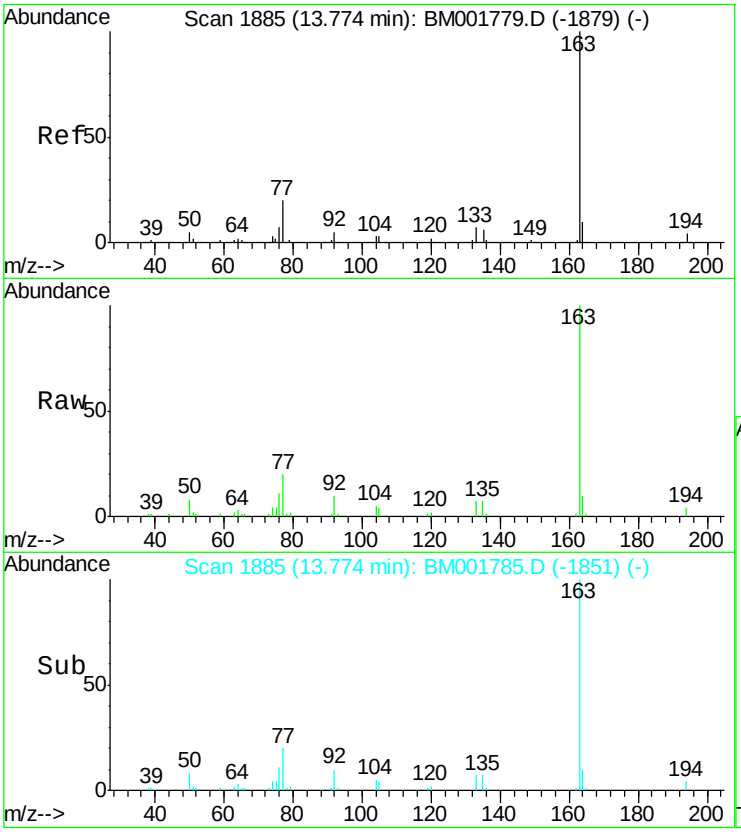


#28
Naphthalene
Concen: 1.56 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:128 Resp: 19547

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.7	13.1
127	13.1	10.0	15.0



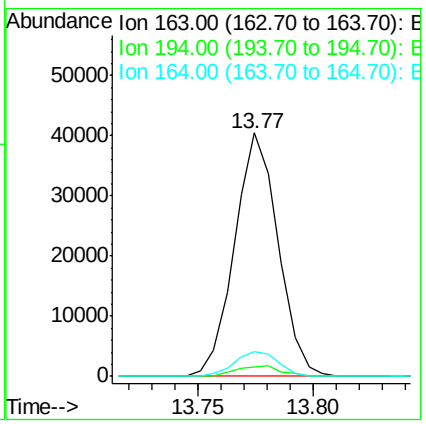


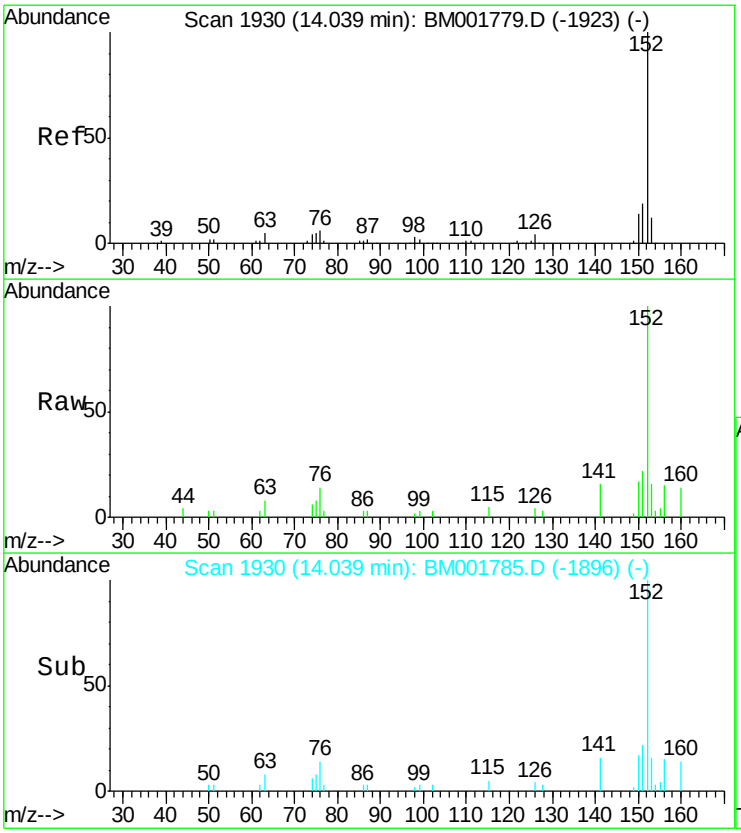
#44
Dimethylphthalate
Concen: 4.47 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:163 Resp: 53216

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.4	8.0	12.0

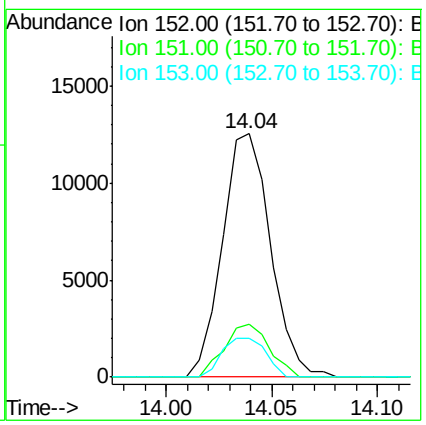


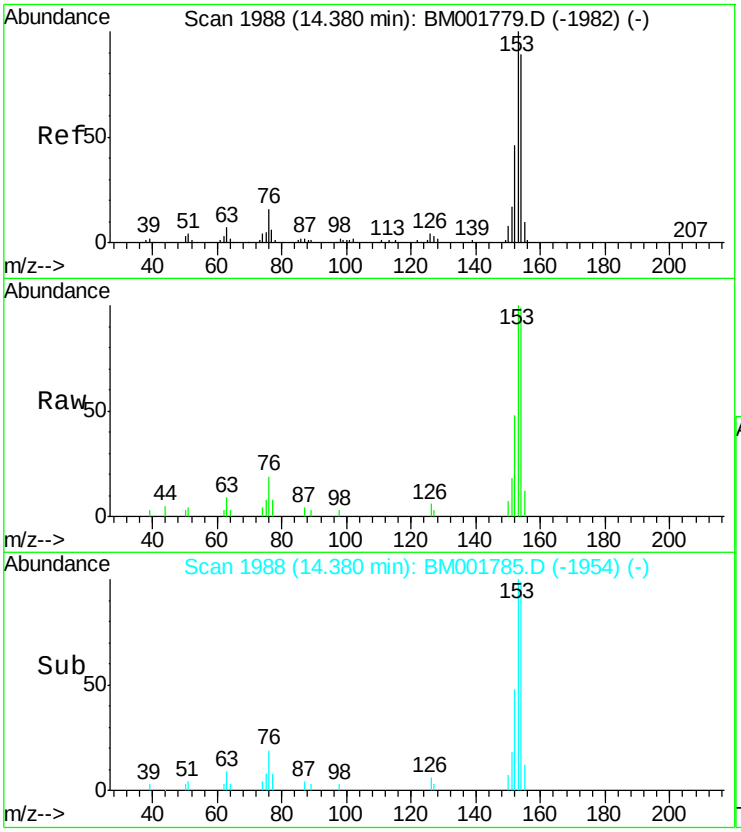


#47
Acenaphthylene
Concen: 1.36 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:152 Resp: 19840

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.9	23.9
153	15.9	10.0	15.0#



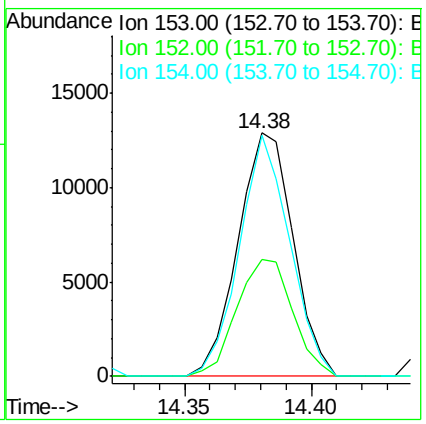


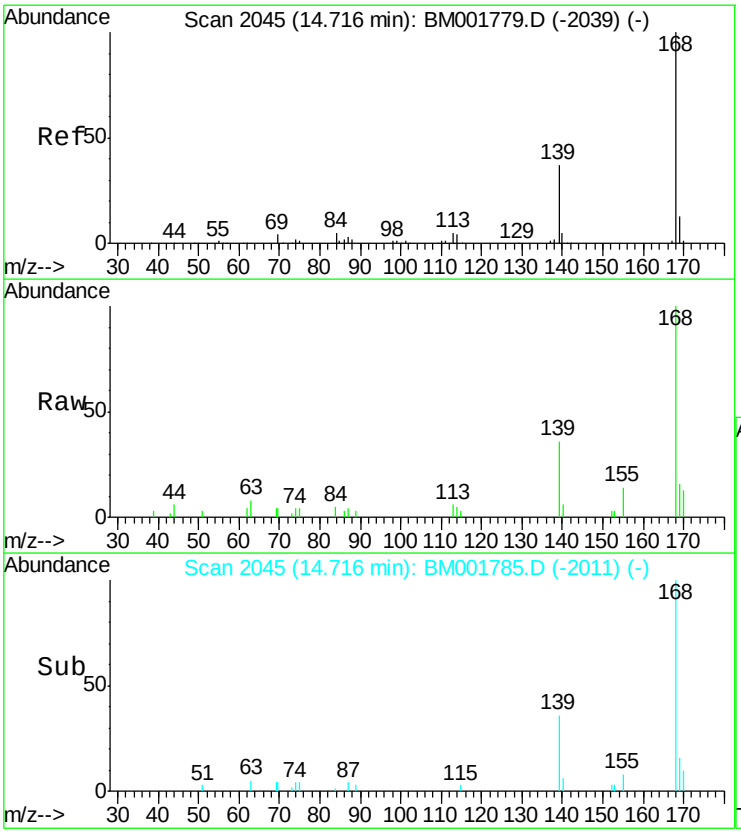
#49
Acenaphthene
Concen: 2.00 ng/ul
RT: 14.38 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:153 Resp: 19432

Ion	Ratio	Lower	Upper
153	100		
152	48.1	36.6	55.0
154	99.0	72.6	108.8

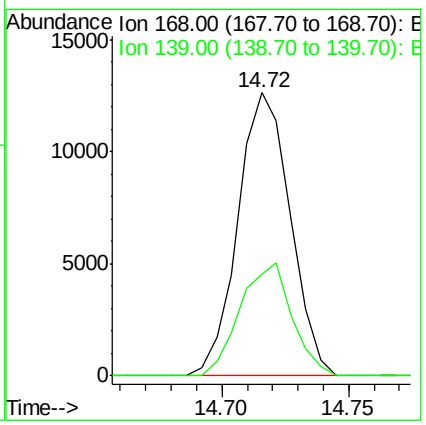


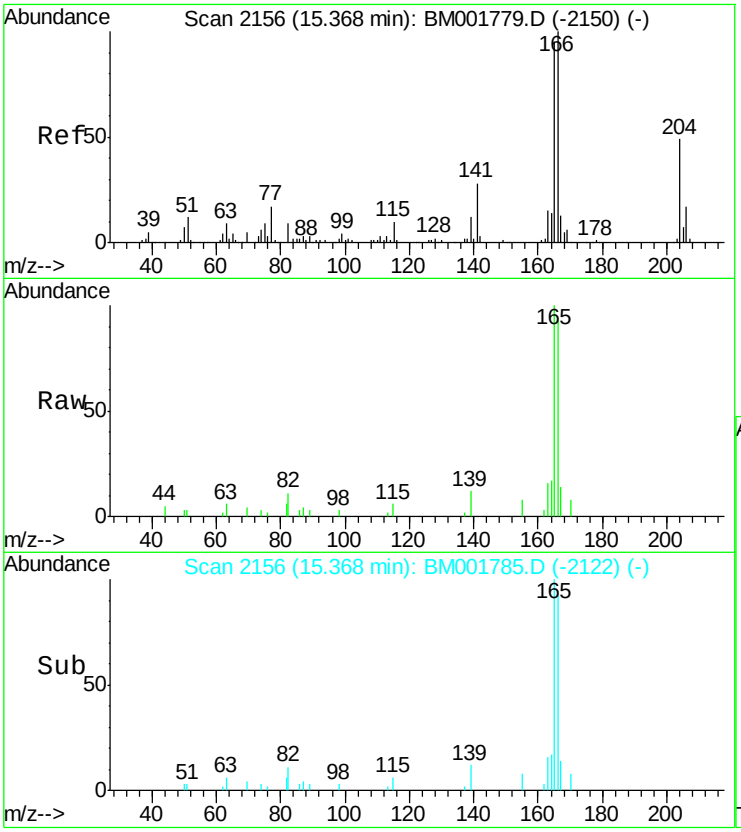


#53
Dibenzofuran
Concen: 1.31 ng/ul
RT: 14.72 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:168 Resp: 18217

Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.1	45.1



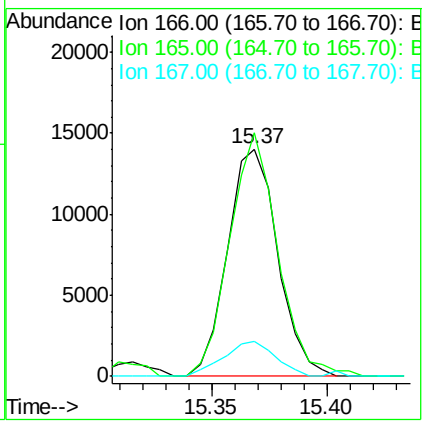


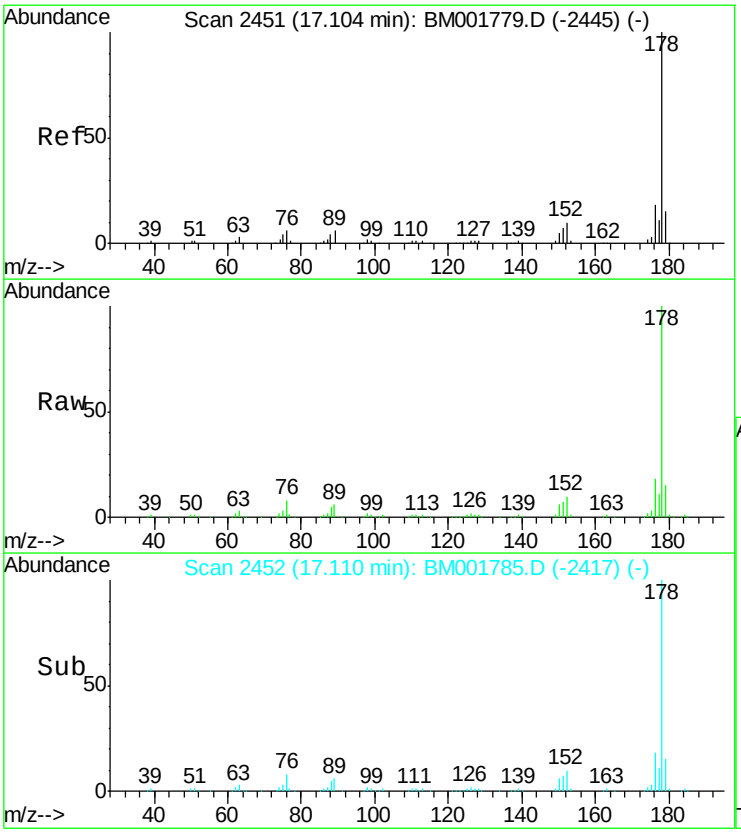
#58
Fluorene
Concen: 1.83 ng/ul
RT: 15.37 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:166 Resp: 21257

Ion	Ratio	Lower	Upper
166	100		
165	107.2	77.4	116.2
167	15.5	11.3	16.9

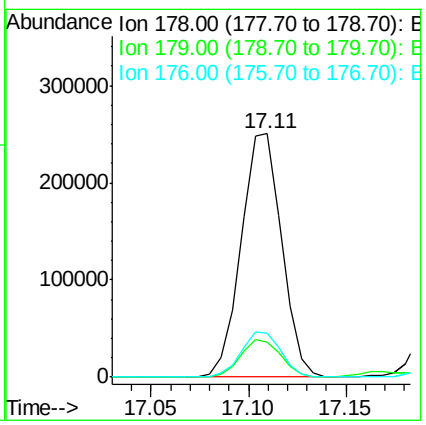


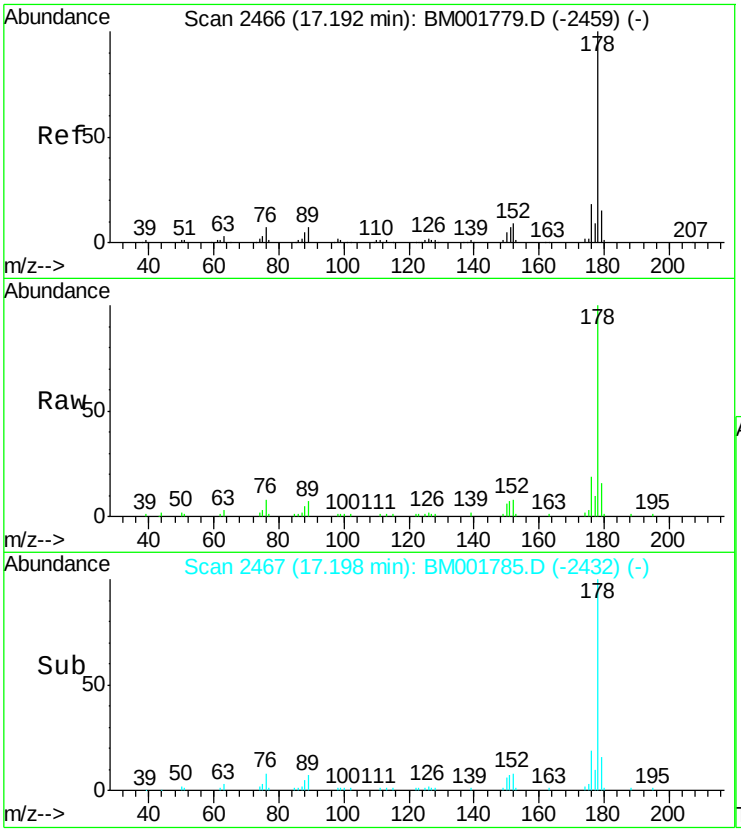


#69
Phenanthrene
Concen: 19.67 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. 0.01 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:178 Resp: 360084

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.9	17.9
176	18.1	15.2	22.8



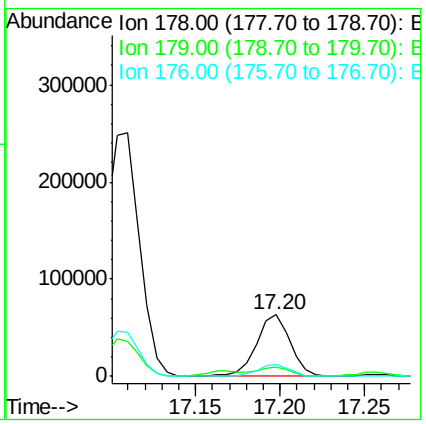


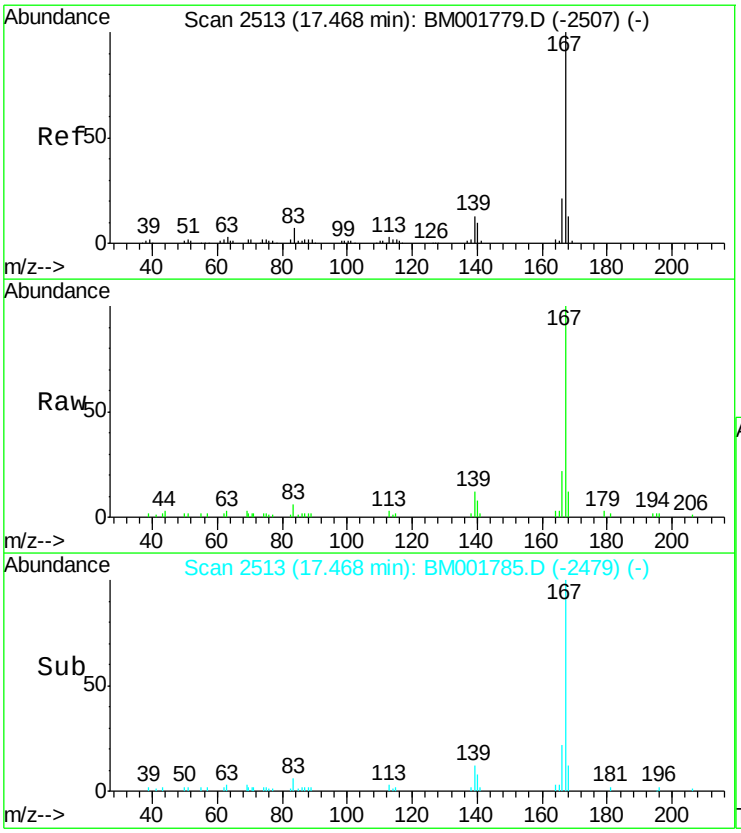
#71
Anthracene
Concen: 4.79 ng/ul
RT: 17.20 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:178 Resp: 90017

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.2	14.4	21.6

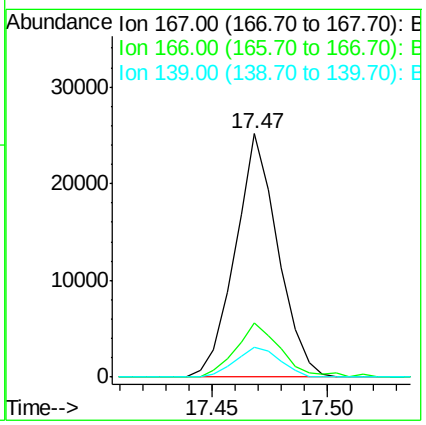


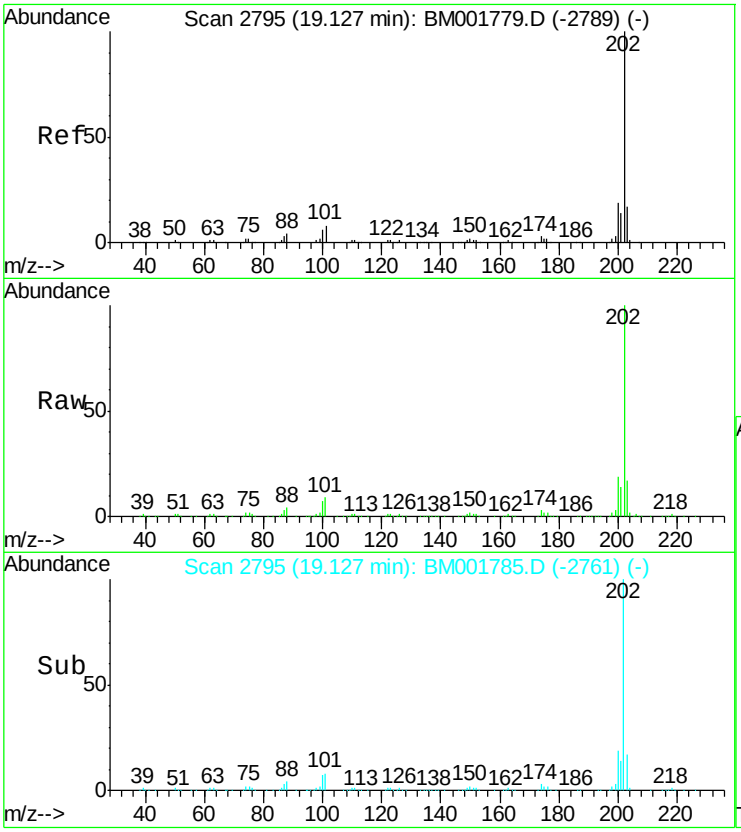


#74
Carbazole
Concen: 1.96 ng/ul
RT: 17.47 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:167 Resp: 32369

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.2
139	12.1	10.1	15.1



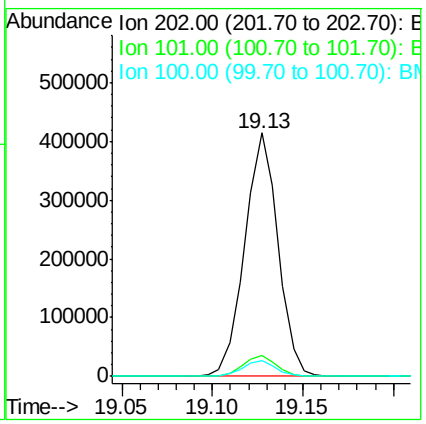


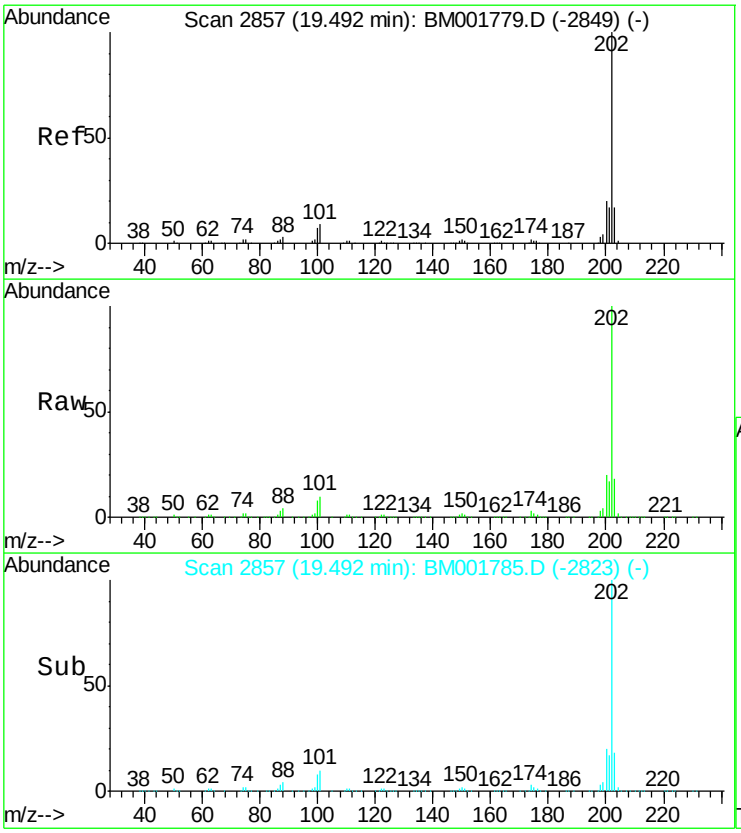
#76
Fluoranthene
Concen: 24.05 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:202 Resp: 526440

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.1	9.1
100	6.6	4.8	7.2

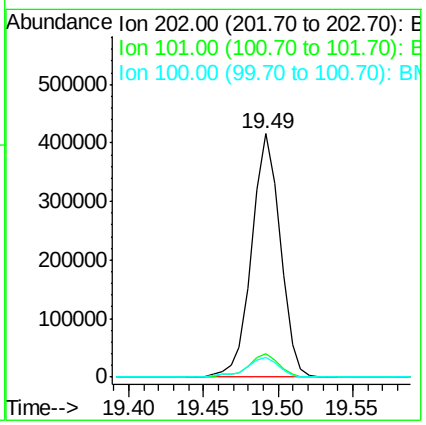


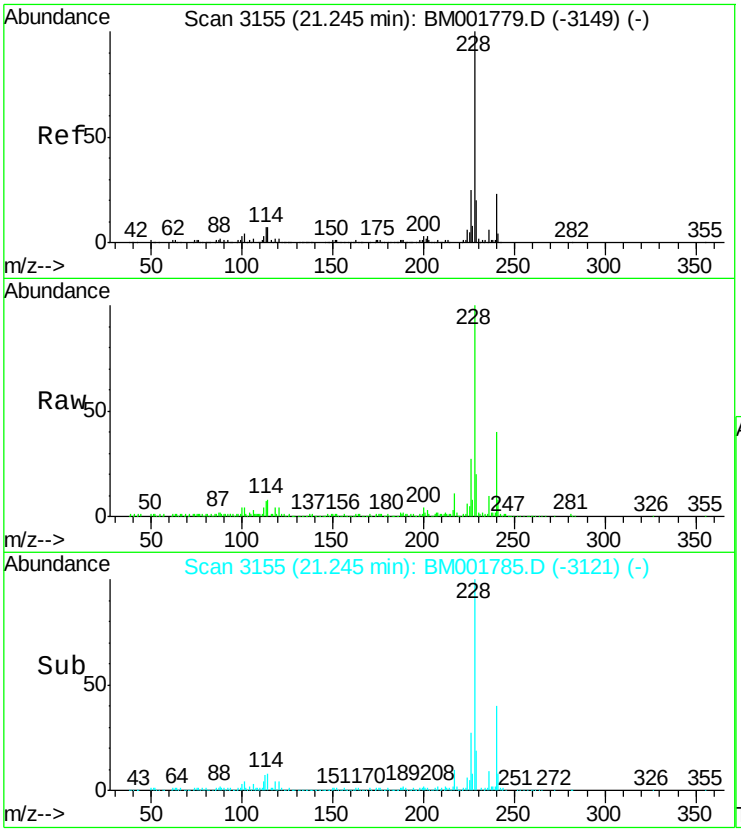


#79
Pyrene
Concen: 25.70 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:202 Resp: 549532

Ion	Ratio	Lower	Upper
202	100		
101	9.8	6.9	10.3
100	7.9	6.2	9.2



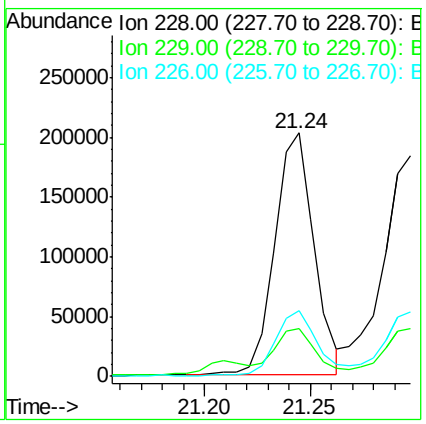


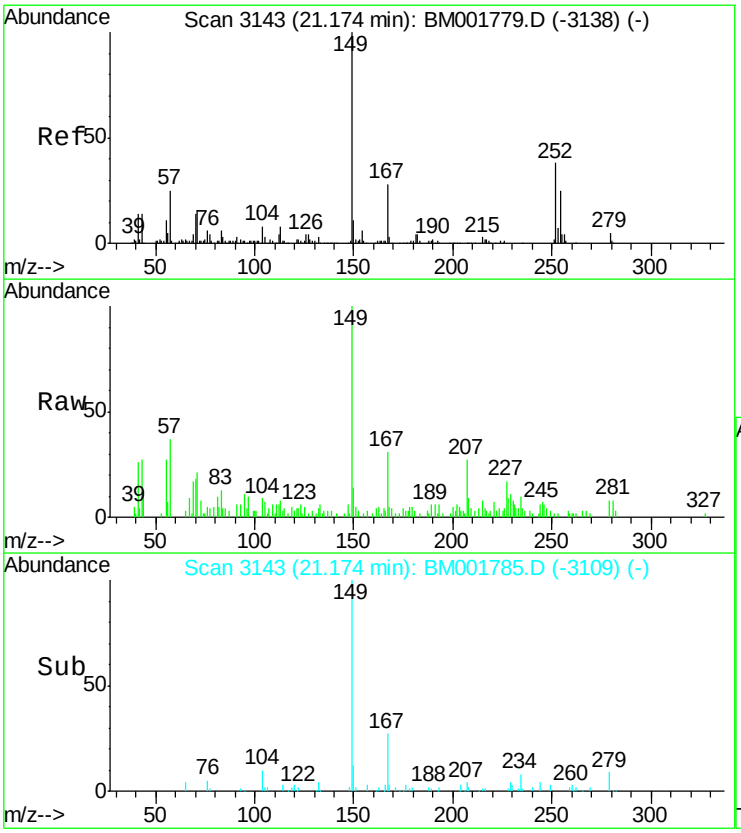
#82
Benzo(a)anthracene
Concen: 11.54 ng/ul
RT: 21.24 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:228 Resp: 259806

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	27.0	20.6	30.8

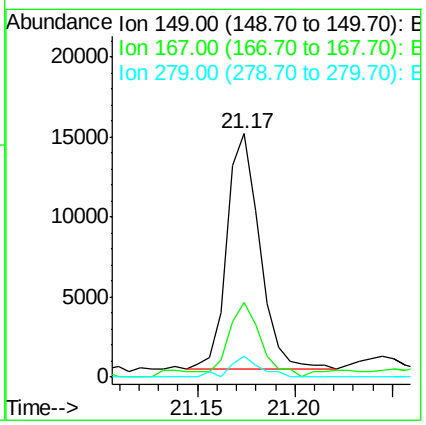


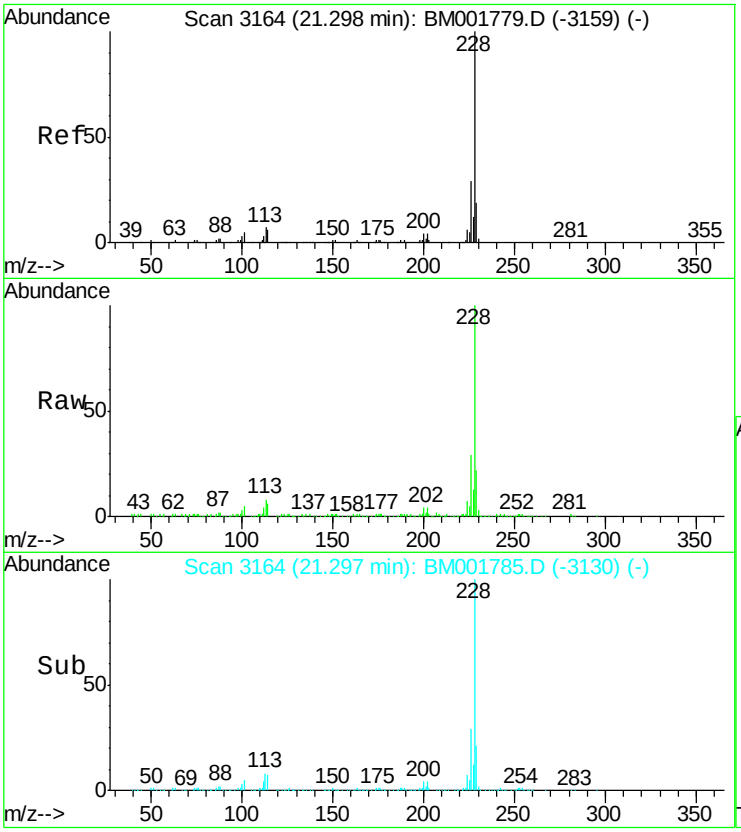


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.65 ng/ul
RT: 21.17 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:149 Resp: 17267

Ion	Ratio	Lower	Upper
149	100		
167	30.9	22.7	34.1
279	8.3	3.8	5.8#



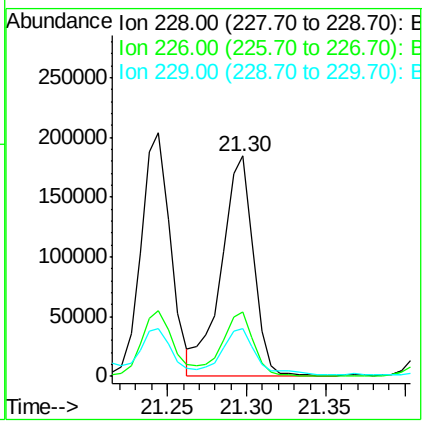


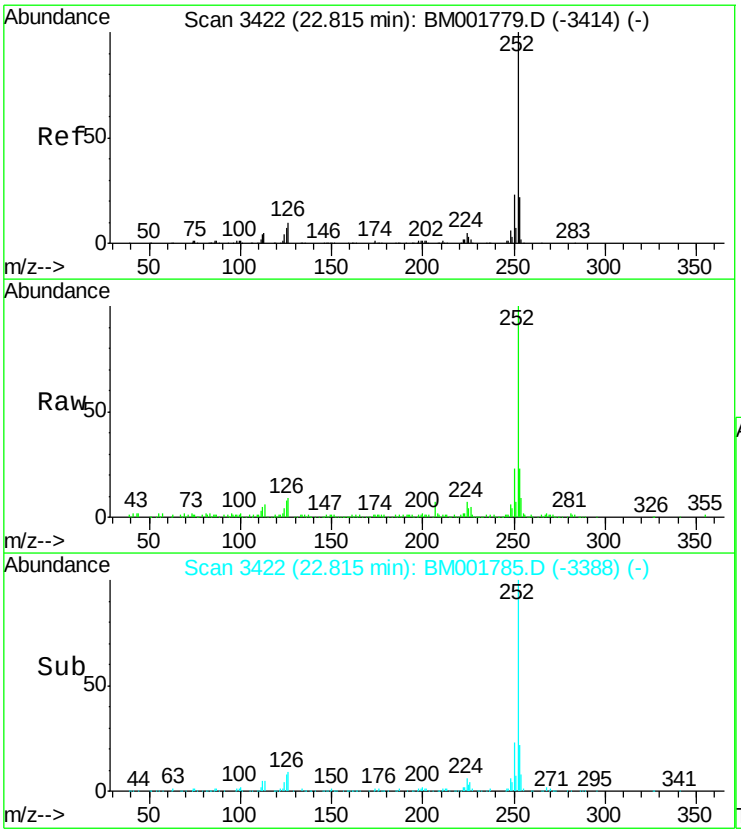
#84
Chrysene
Concen: 12.11 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:228 Resp: 258374

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	21.8	15.4	23.2

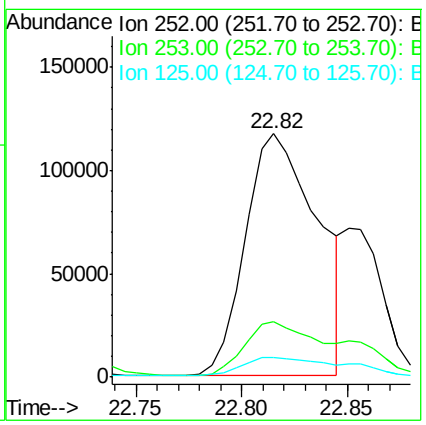


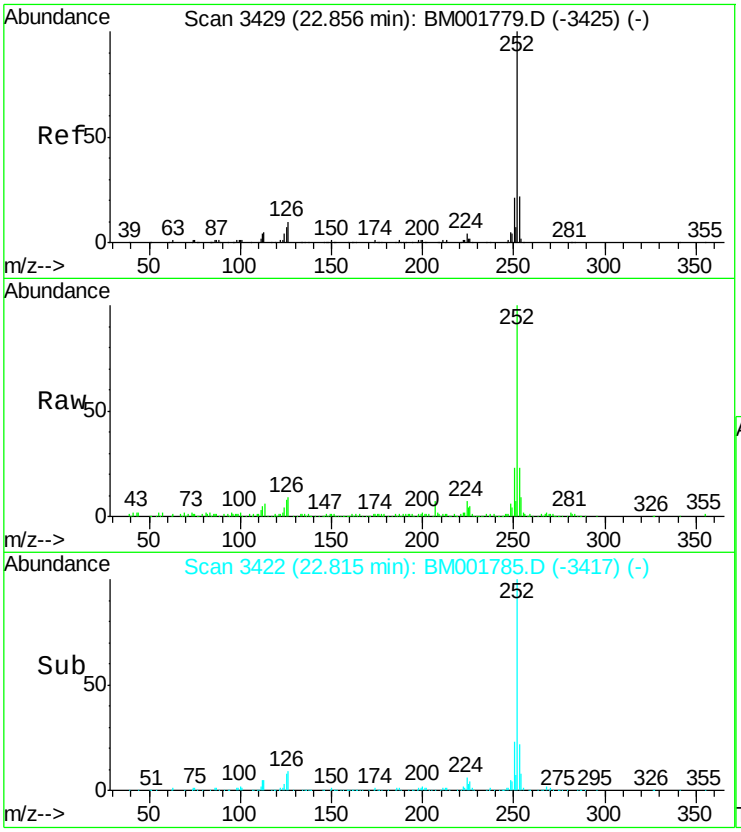


#87
Benzo(b)fluoranthene
Concen: 12.46 ng/ul
RT: 22.82 min Scan# 3422
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:252 Resp: 278944

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	8.2	5.3	7.9#



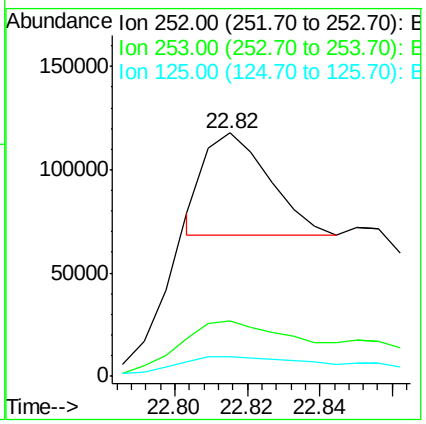


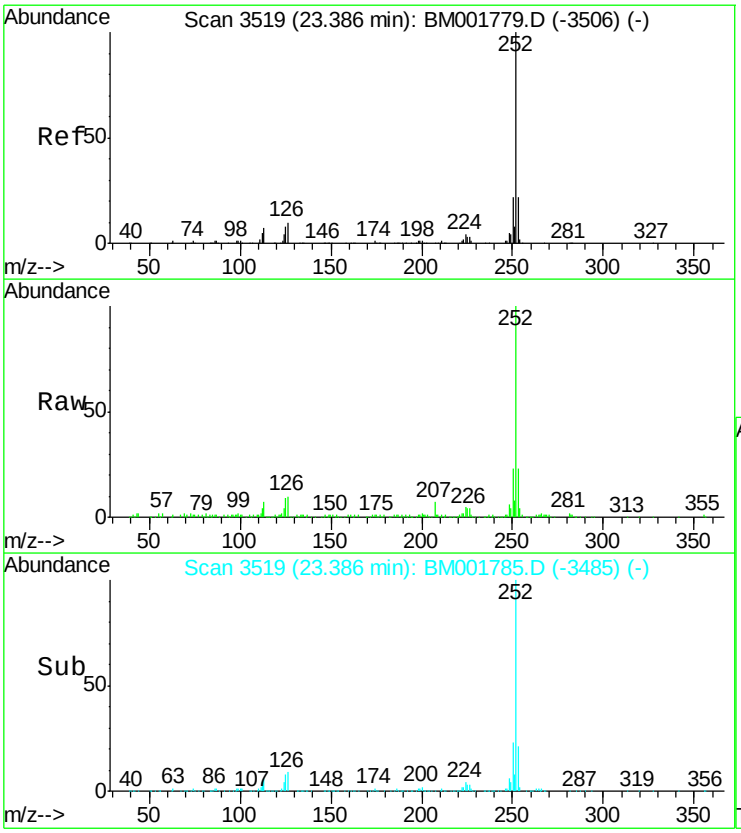
#88
Benzo(k)fluoranthene
Concen: 2.82 ng/ul
RT: 22.82 min Scan# 3422
Delta R.T. -0.04 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:252 Resp: 61027

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	8.2	5.3	7.9#

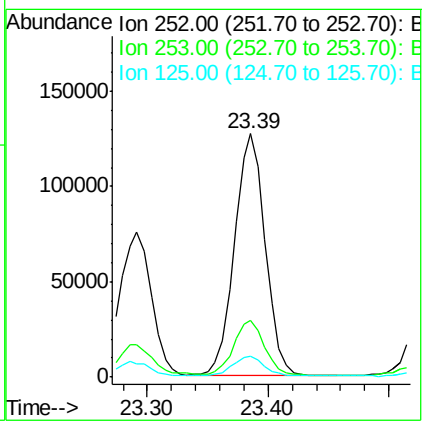


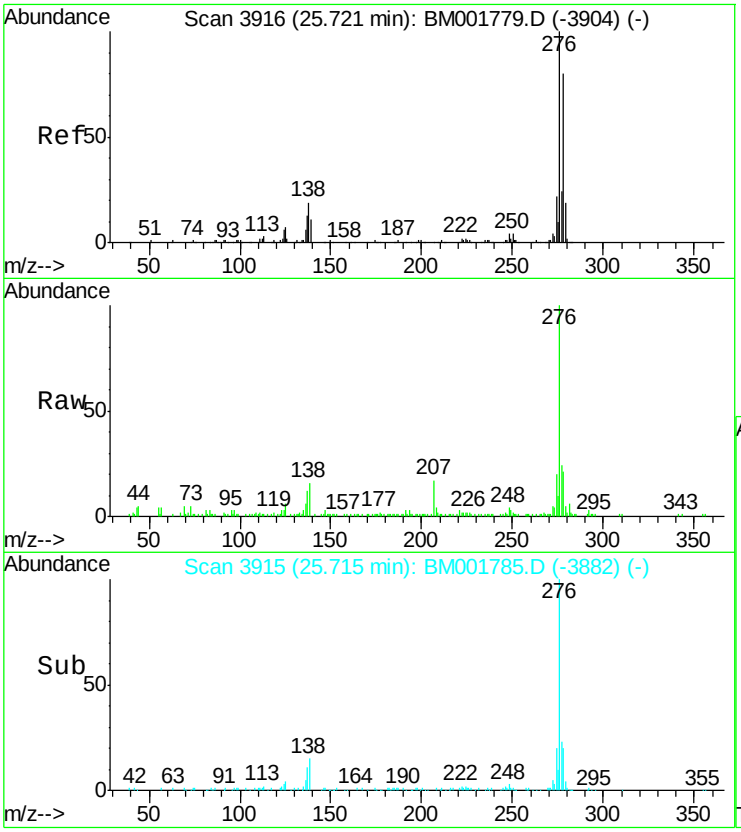


#90
Benzo(a)pyrene
Concen: 10.34 ng/ul
RT: 23.39 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:252 Resp: 225158

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	8.8	6.0	9.0



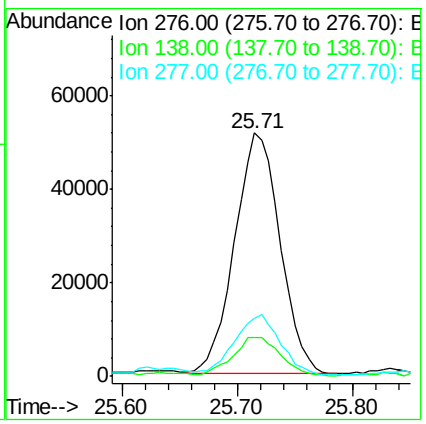


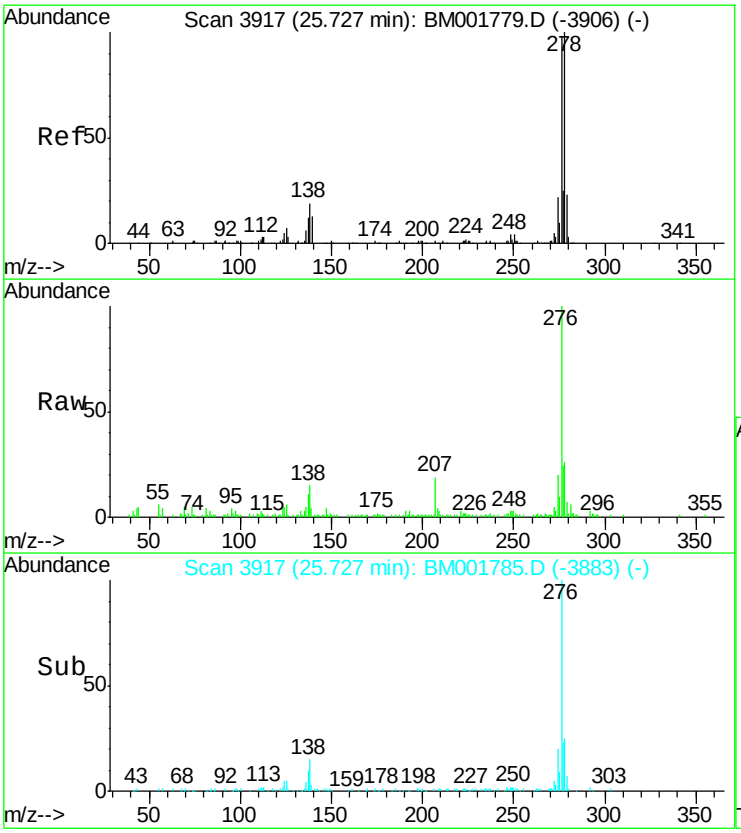
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.48 ng/ul
RT: 25.71 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:276 Resp: 141395

Ion	Ratio	Lower	Upper
276	100		
138	15.7	14.7	22.1
277	23.9	19.7	29.5

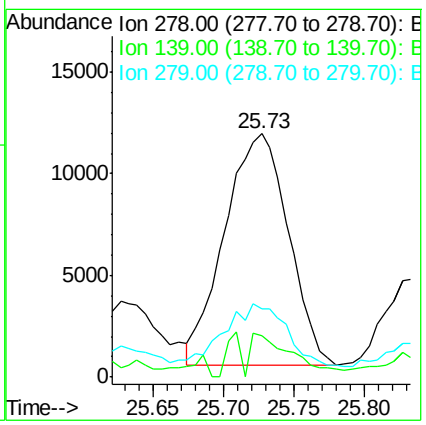


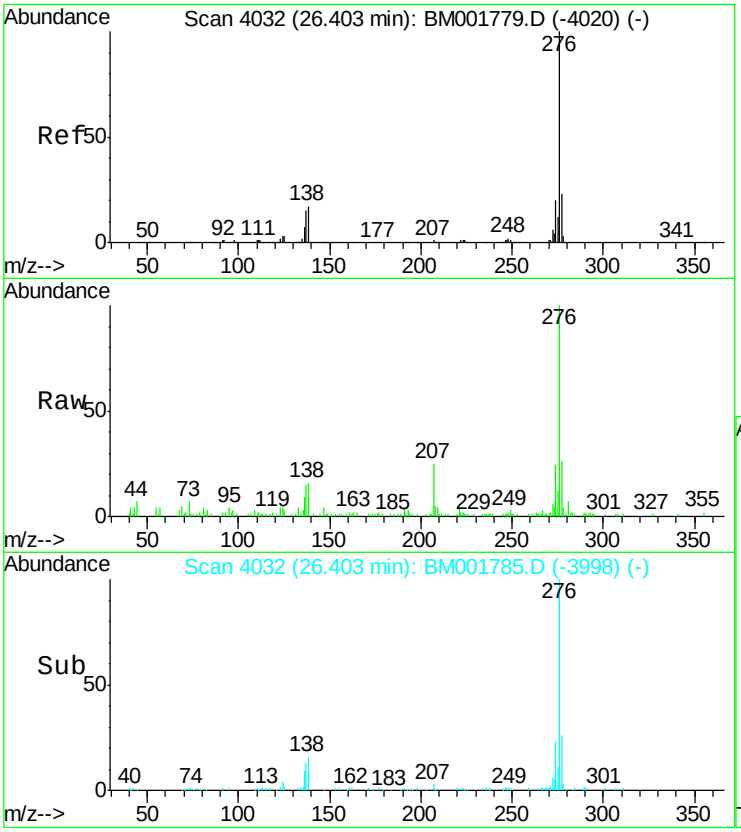


#92
Dibenzo(a,h)anthracene
Concen: 1.65 ng/ul
RT: 25.73 min Scan# 3917
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Tgt Ion:278 Resp: 35887

Ion	Ratio	Lower	Upper
278	100		
139	16.7	9.2	13.8#
279	28.3	19.1	28.7





#93
Benzo(g,h,i)perylene
Concen: 5.51 ng/ul
RT: 26.40 min Scan# 4032
Delta R.T. -0.00 min
Lab File: BM001785.D
Acq: 24 Jun 2015 16:56

Instrument :
BNA_M
ClientSampleId :
H0FA7

Tgt Ion:276 Resp: 119561

Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.6	19.0
277	26.4	18.7	28.1