Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9C8

Quant Time: Jan 16 00:38:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 00:22:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	37240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	178194	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	102278	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	222088	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	183560	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	166217	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	6.85	99	4449	1.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2552	1.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	3857	1.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	3422	1.37	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	1639	1.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	1549	1.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	3445	1.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	2223	0.64	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	13498	1.68	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	17128	1.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	257	0.18	ng/ul	0.02
58) Fluorene-d10	15.32	176	13434	1.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.17	188	20026	1.95	ng/ul	0.00
79) Pyrene-d10	19.47	212	22009	2.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	16727	2.01	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	14618	1.57	ng/ul	100
34) 2-Methylnaphthalene	12.12	142	6905	1.05	ng/ul	97
35) 1-Methylnaphthalene	12.35	142	7329	1.18	ng/ul#	99
48) Acenaphthylene	14.04	152	23468	2.19	ng/ul	97
50) Acenaphthene	14.39	153	15538	2.19	ng/ul	100
54) Dibenzofuran	14.72	168	10285	1.04	ng/ul	95
59) Fluorene	15.37	166	23771	3.02	ng/ul	98
70) Phenanthrene	17.12	178	377887	30.26	ng/ul	99
72) Anthracene	17.20	178	81661	6.37	ng/ul	99
75) Carbazole	17.48	167	27897	2.48	ng/ul	98
77) Fluoranthene	19.14	202	491701	37.89	ng/ul	98
80) Pyrene	19.51	202	537524	43.14	ng/ul	99
83) Benzo(a)anthracene	21.26	228	212579	19.45	ng/ul	97
85) Chrysene	21.32	228	227715	21.92	ng/ul	97
88) Benzo(b)fluoranthene	22.85	252	216707	21.45	ng/ul	98
89) Benzo(k)fluoranthene	22.85	252	86694	9.02	ng/ul	97
91) Benzo(a)pyrene	23.42	252	167206	17.45	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.77	276	95264	8.99	ng/ul	96
93) Dibenzo(a,h)anthracene	25.77	278	29856	3.35	ng/ul#	78
94) Benzo(g,h,i)perylene	26.46	276	99268	11.15	ng/ul	98

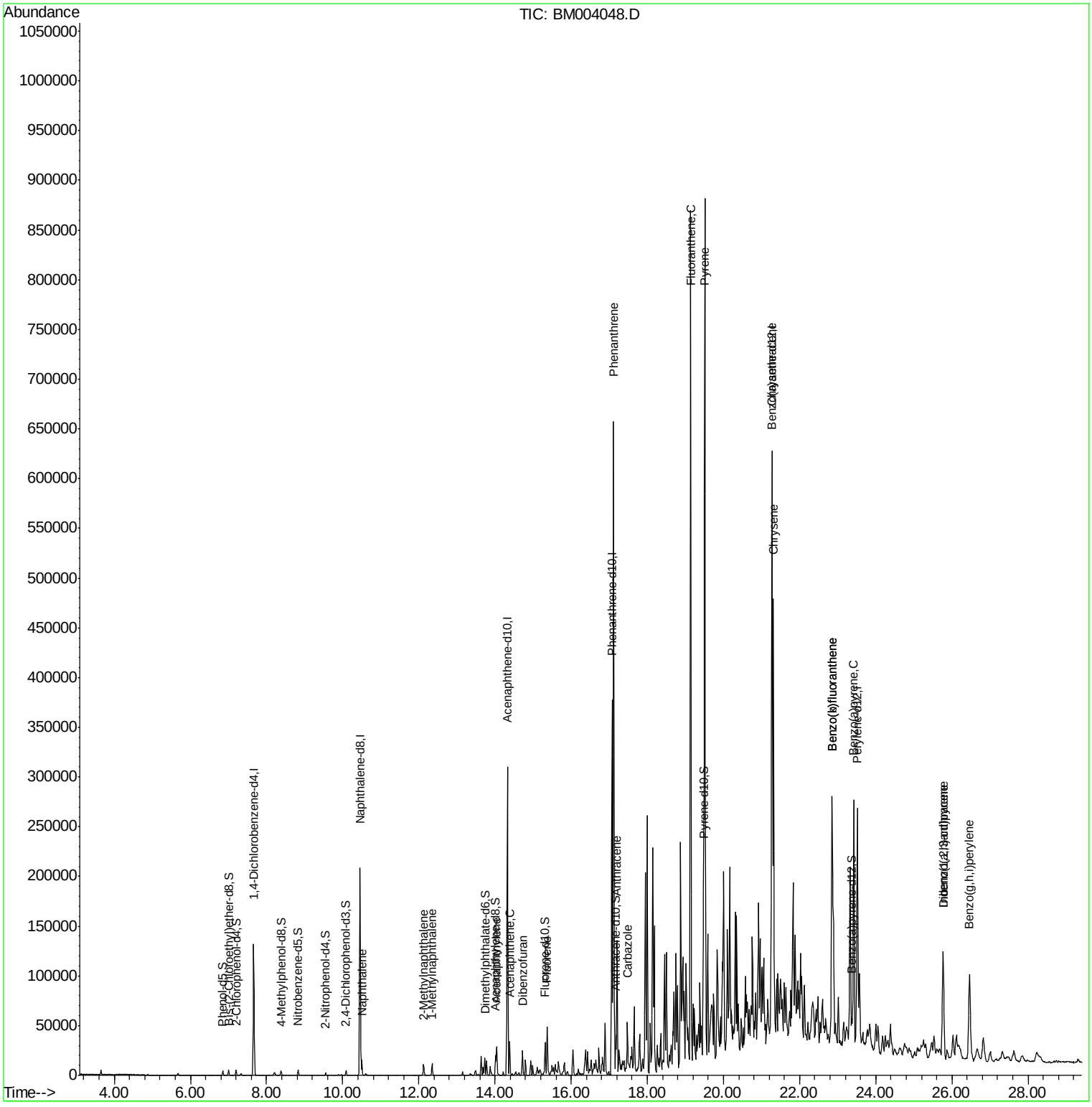
(#) = qualifier out of range (m) = manual integration (+) = signals summed

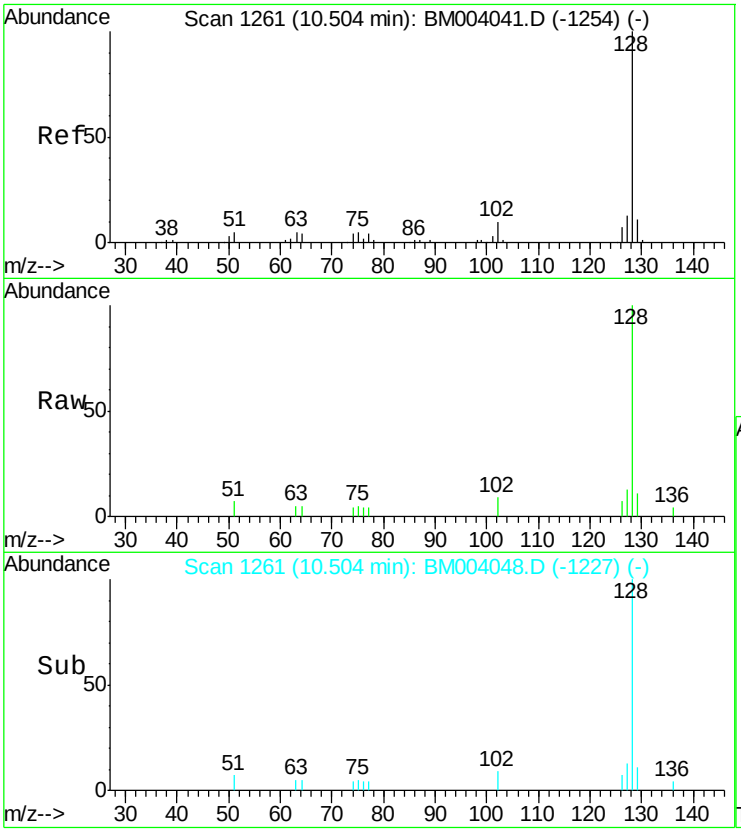
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011616\
Data File : BM004048.D
Acq On : 15 Jan 2016 15:23
Operator : SJ/UM
Sample : H1100-14 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC9C8

Quant Time: Jan 16 00:38:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 16 00:22:06 2016
Response via : Initial Calibration



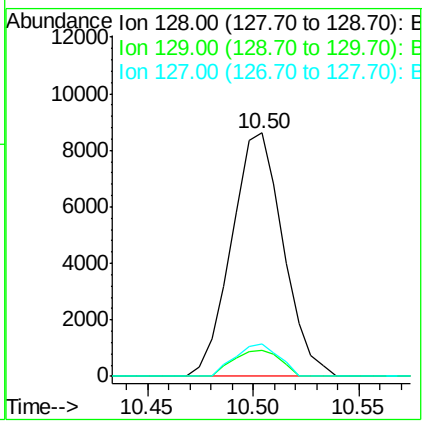


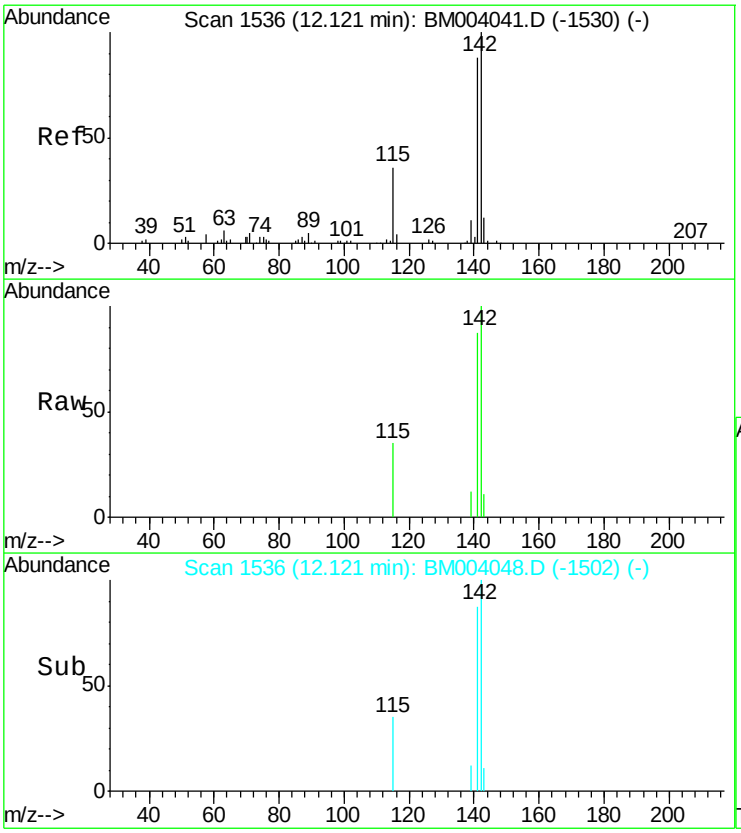
#28
Naphthalene
Concen: 1.57 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:128 Resp: 14618

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.1	10.5	15.7

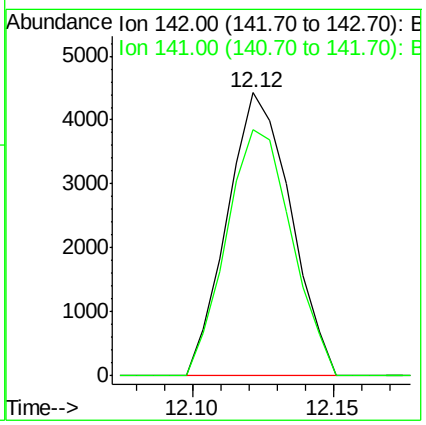


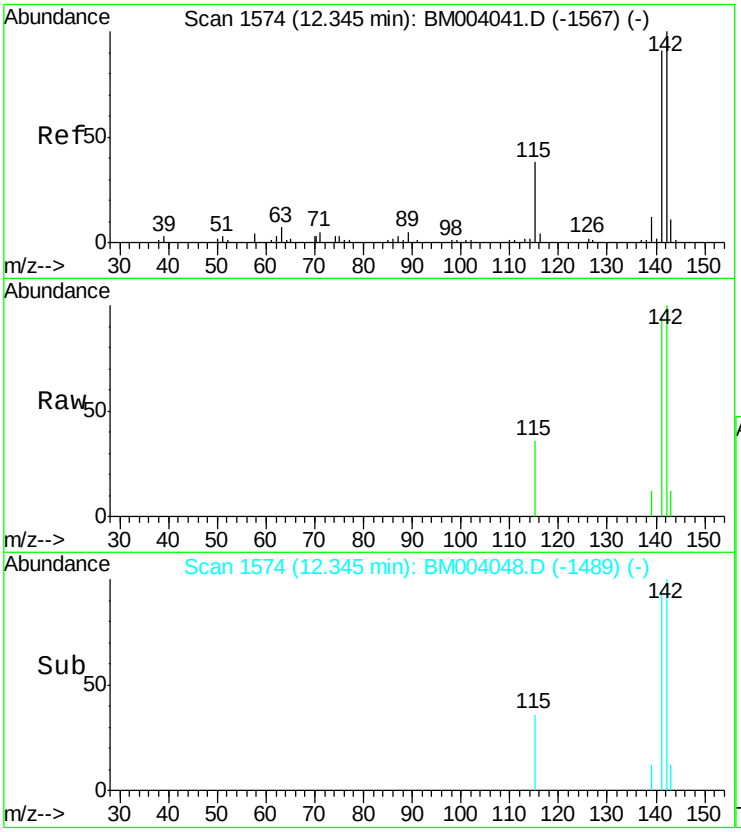


#34
2-Methylnaphthalene
Concen: 1.05 ng/ul
RT: 12.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:142 Resp: 6905

Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.6	107.4



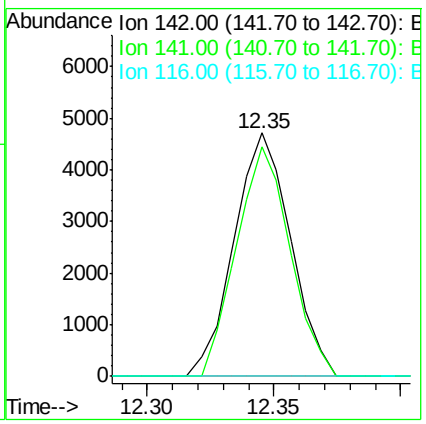


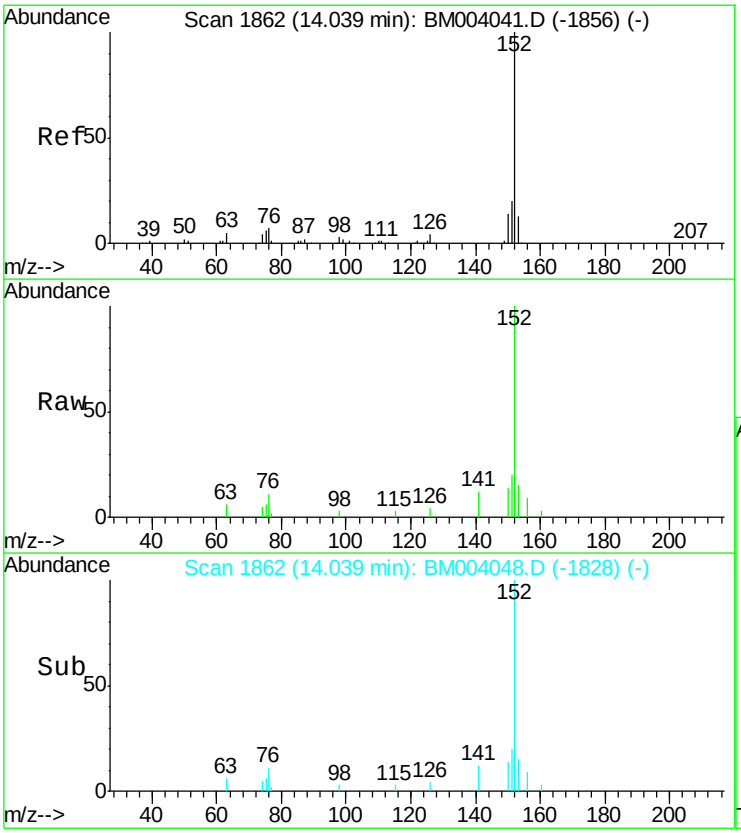
#35
1-Methylnaphthalene
Concen: 1.18 ng/ul
RT: 12.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:142 Resp: 7329

Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.9	112.3
116	0.0	3.1	4.7#

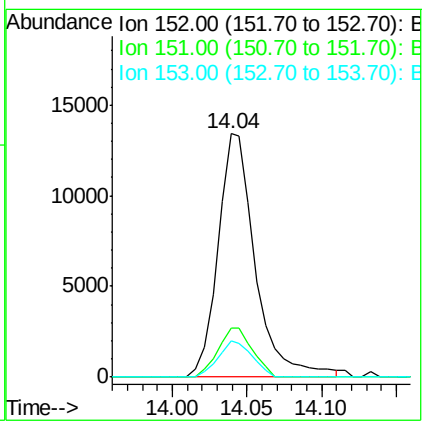


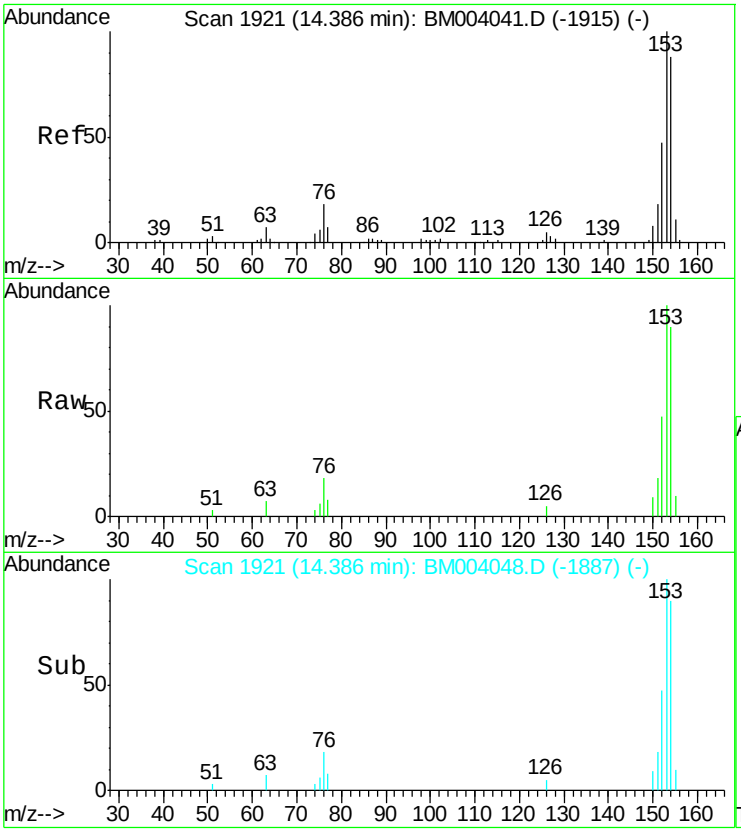


#48
Acenaphthylene
Concen: 2.19 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:152 Resp: 23468

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	14.9	10.5	15.7



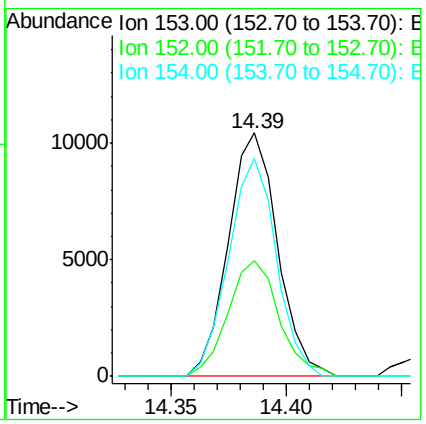


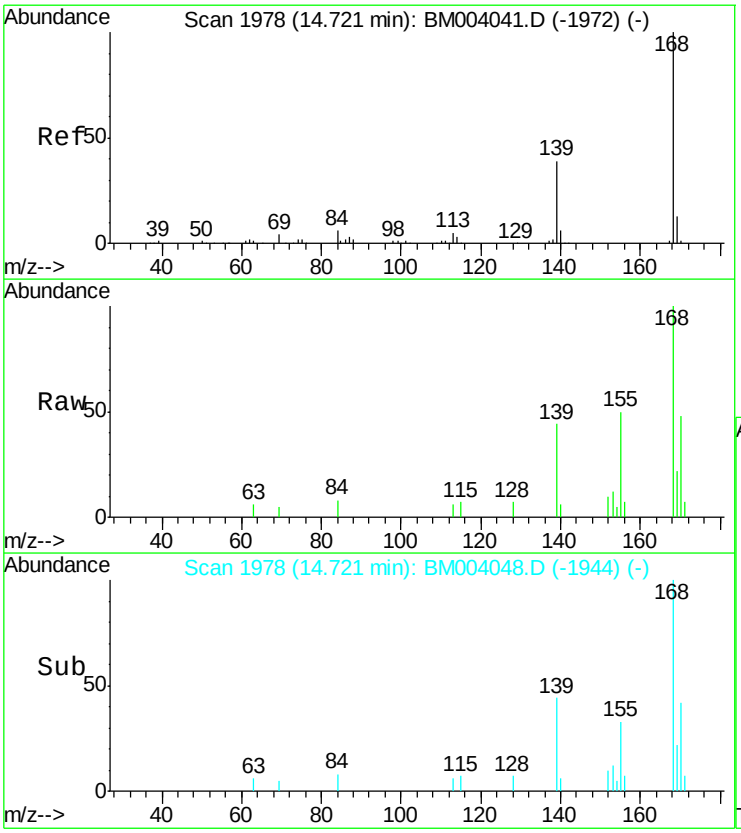
#50
Acenaphthene
Concen: 2.19 ng/ul
RT: 14.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:153 Resp: 15538

Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.3	57.5
154	89.7	71.8	107.8

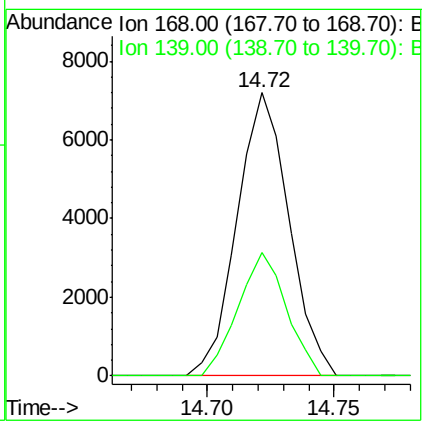


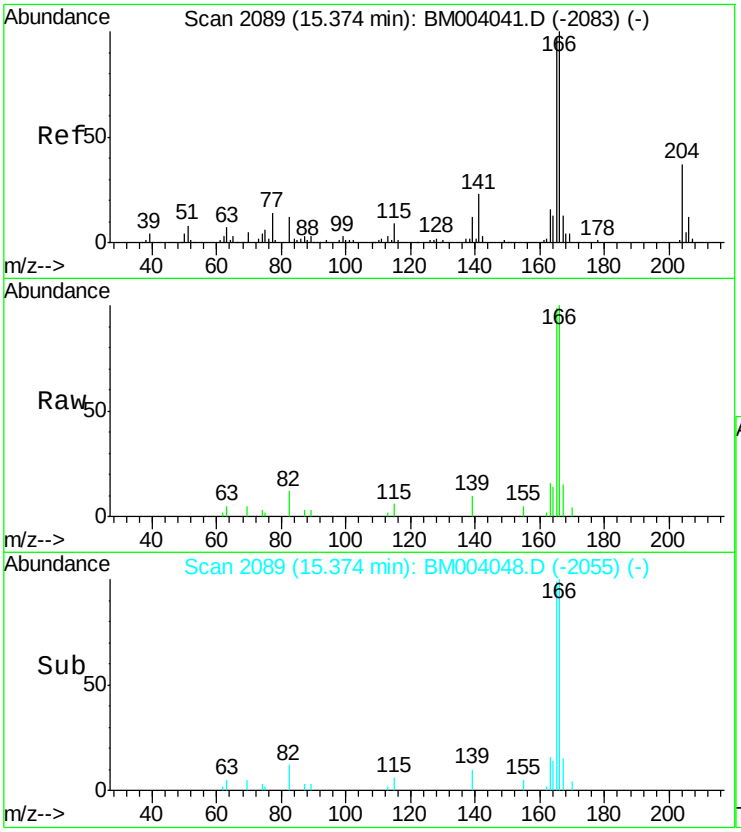


#54
Dibenzofuran
Concen: 1.04 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:168 Resp: 10285

Ion	Ratio	Lower	Upper
168	100		
139	43.5	32.2	48.2



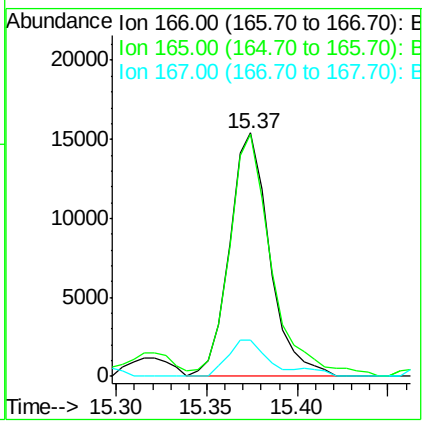


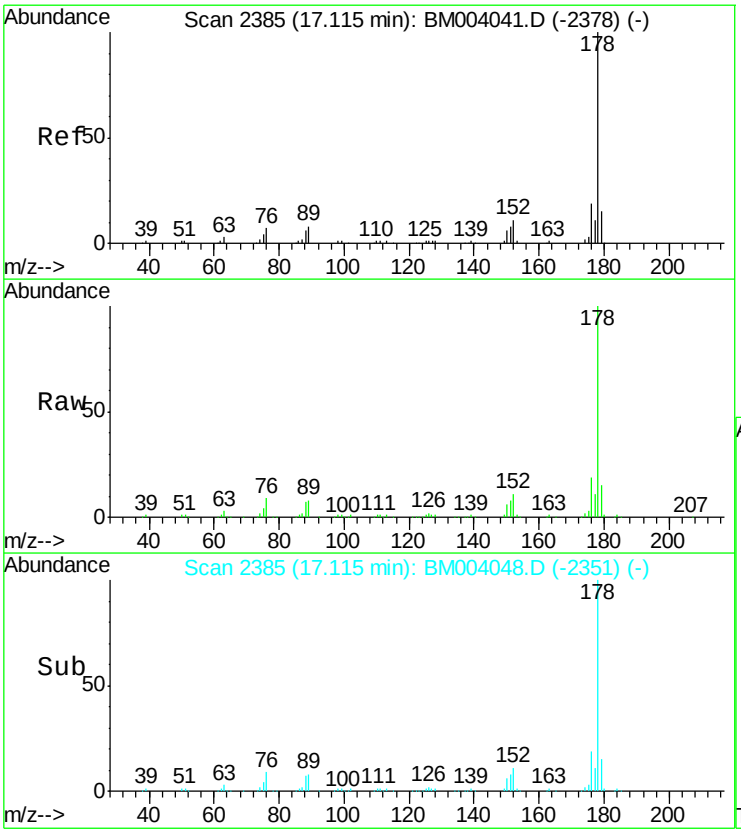
#59
Fluorene
Concen: 3.02 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:166 Resp: 23771

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.5	117.7
167	15.1	10.7	16.1

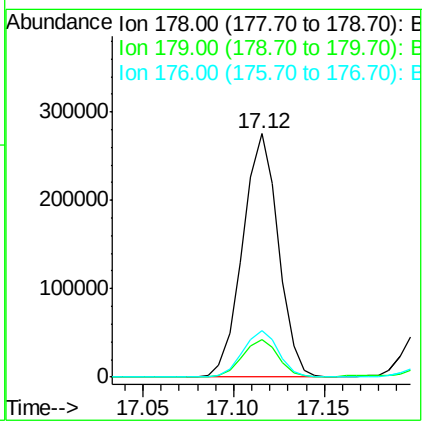


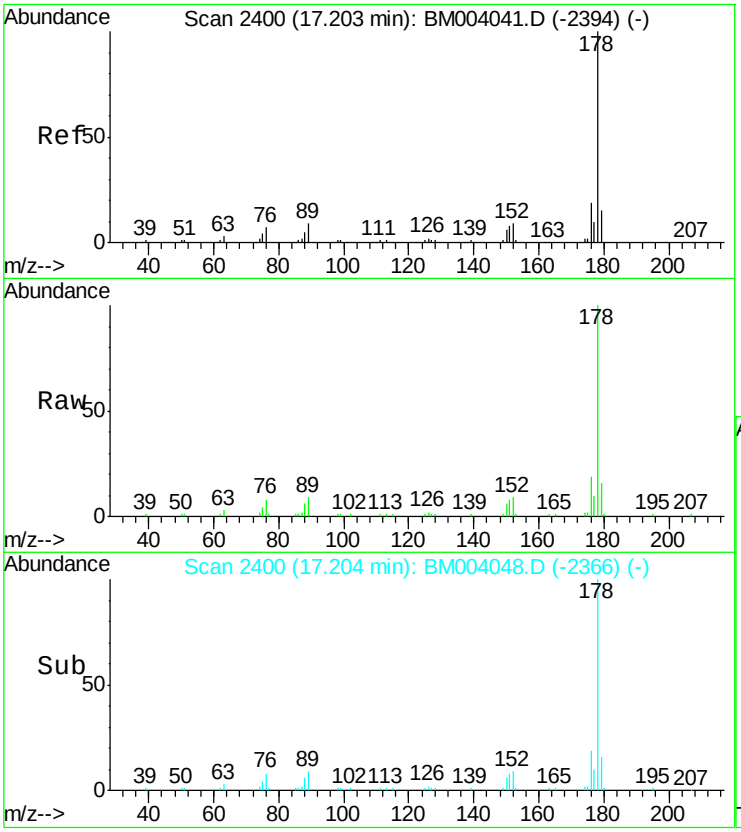


#70
Phenanthrene
Concen: 30.26 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:178 Resp: 377887

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.0	15.6	23.4



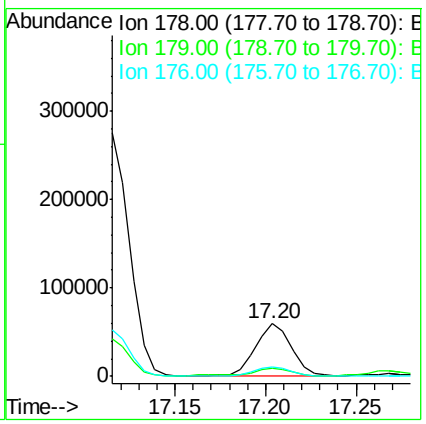


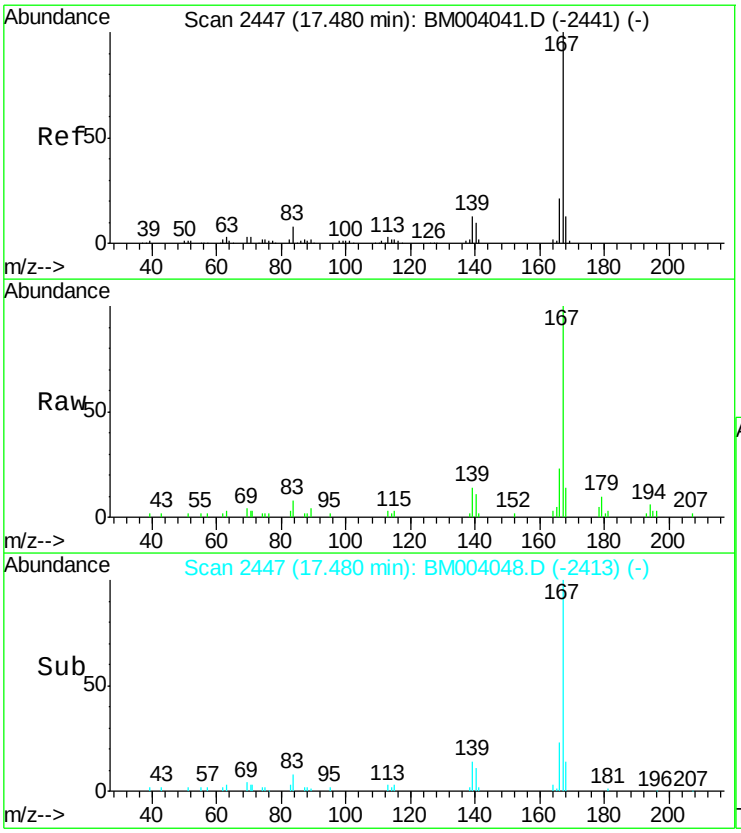
#72
Anthracene
Concen: 6.37 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:178 Resp: 81661

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.7	14.8	22.2

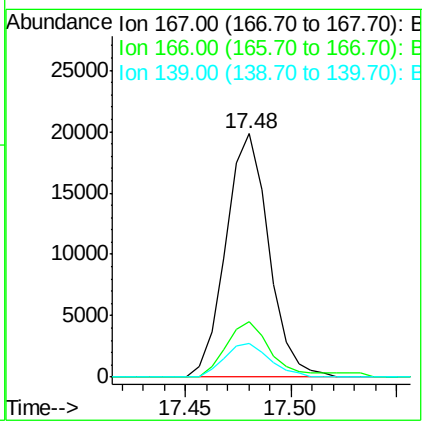


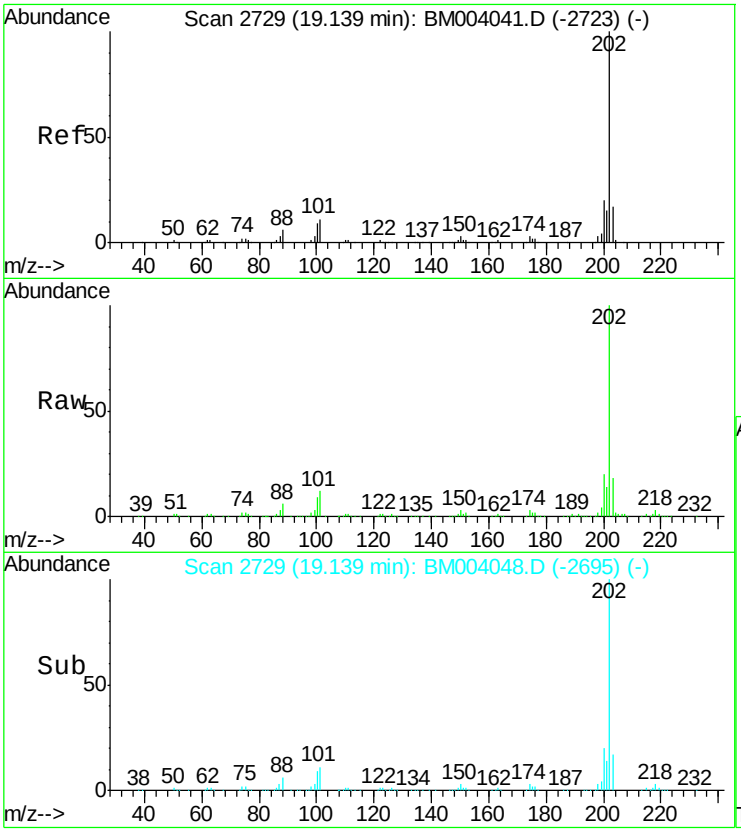


#75
Carbazole
Concen: 2.48 ng/ul
RT: 17.48 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:167 Resp: 27897

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.0	25.6
139	13.9	11.0	16.4



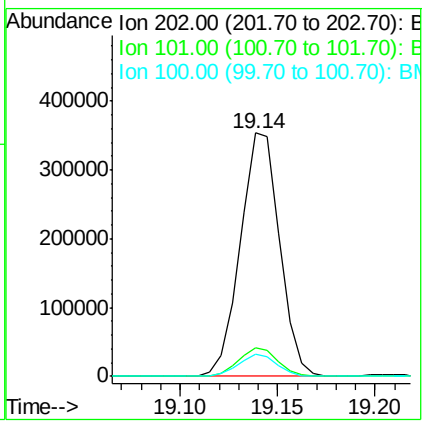


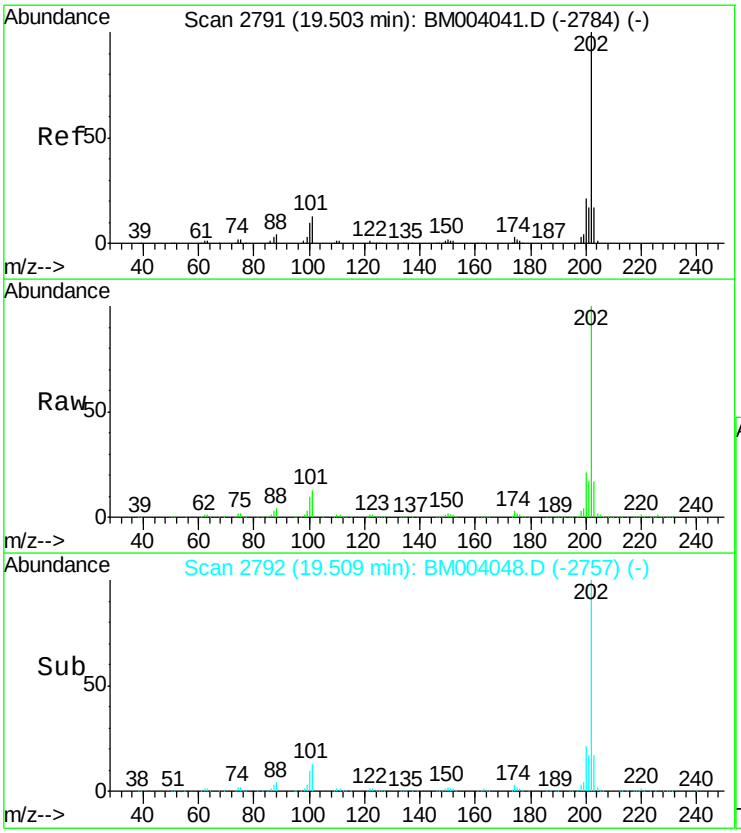
#77
Fluoranthene
Concen: 37.89 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:202 Resp: 491701

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.8	13.2
100	9.1	6.6	9.8

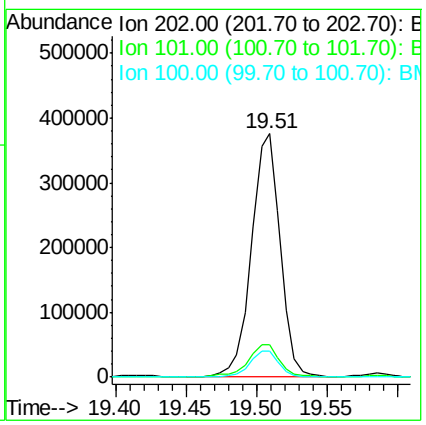


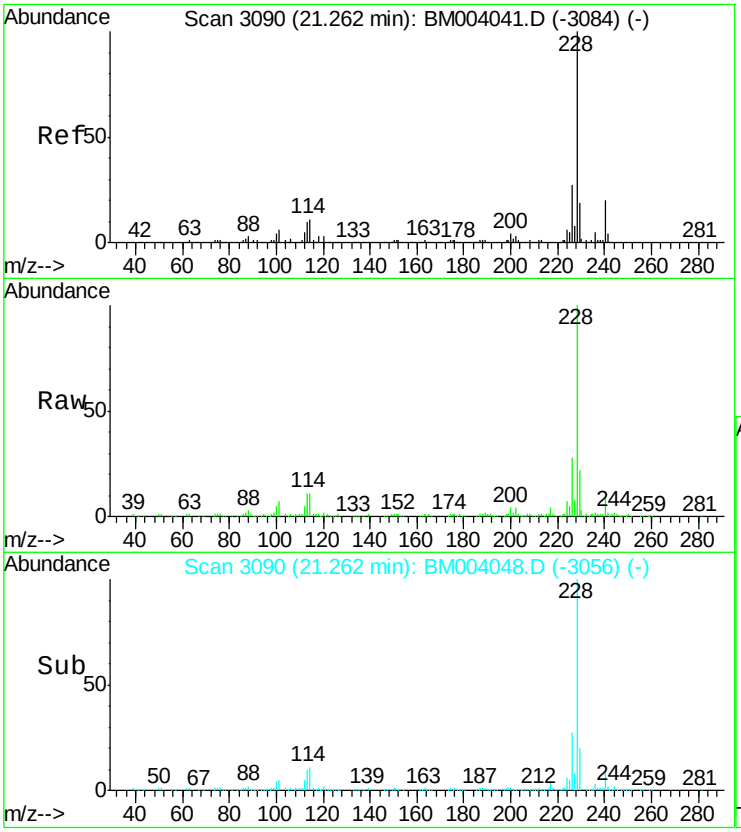


#80
Pyrene
Concen: 43.14 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:202 Resp: 537524

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.2	15.2
100	10.4	8.5	12.7



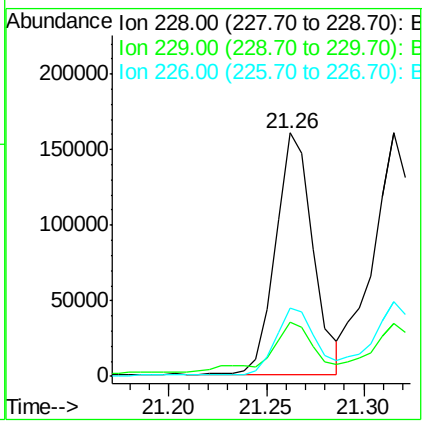


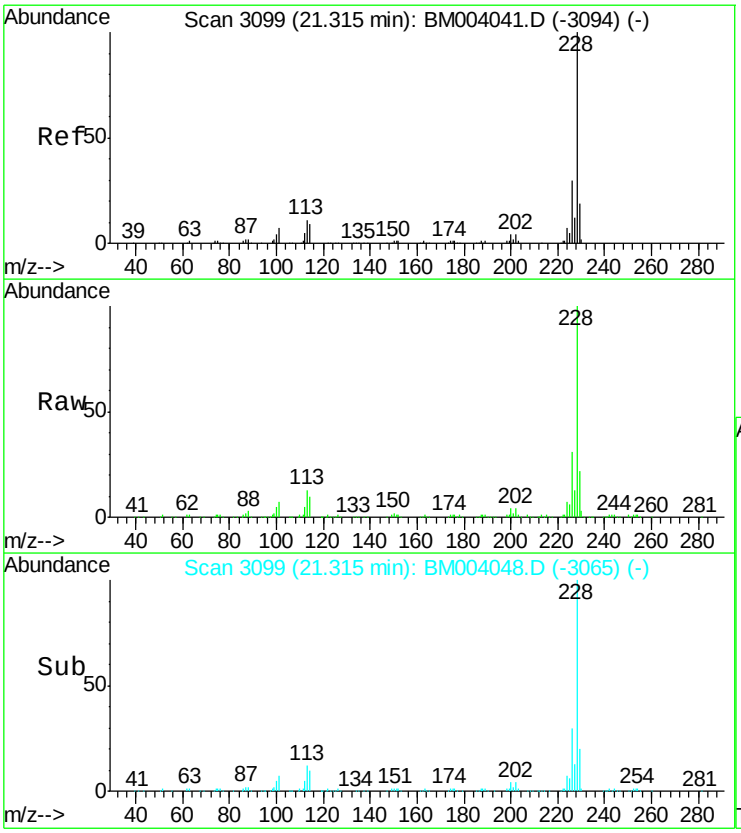
#83
Benzo(a)anthracene
Concen: 19.45 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:228 Resp: 212579

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	27.9	21.8	32.6

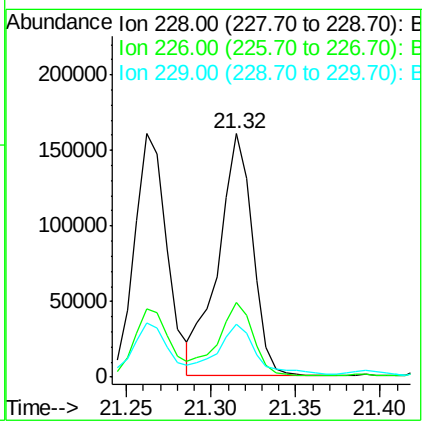


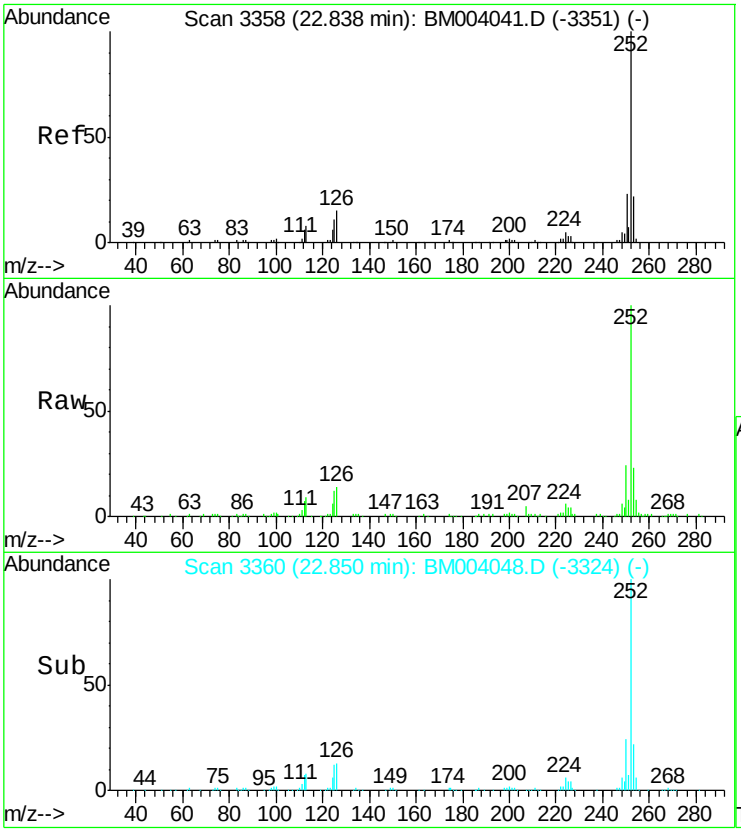


#85
Chrysene
Concen: 21.92 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:228 Resp: 227715

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.7	15.6	23.4



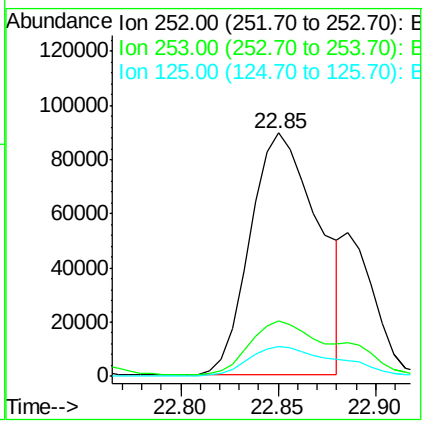


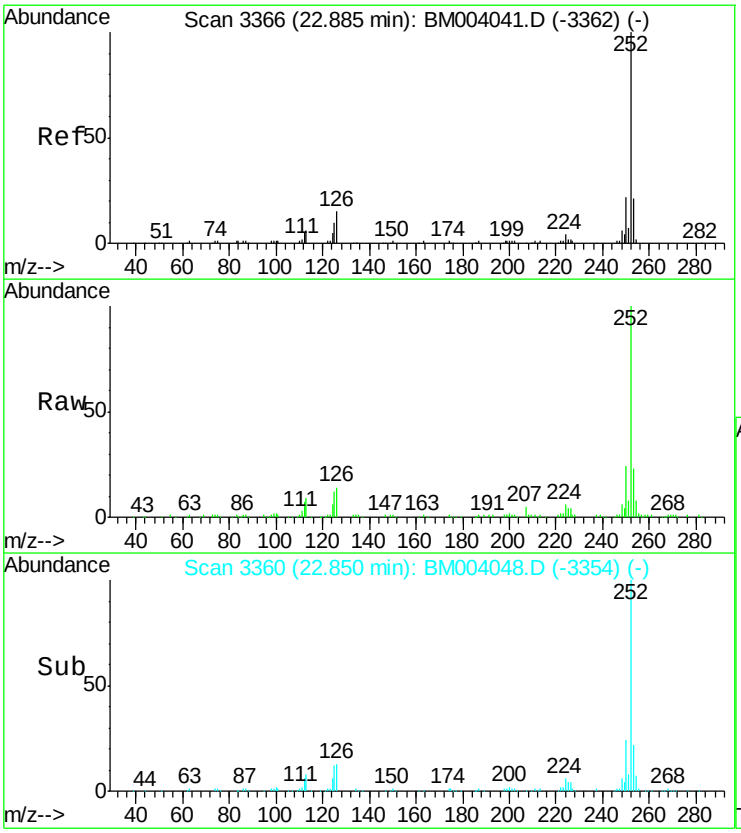
#88
Benzo(b)fluoranthene
Concen: 21.45 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:252 Resp: 216707

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.2	8.5	12.7

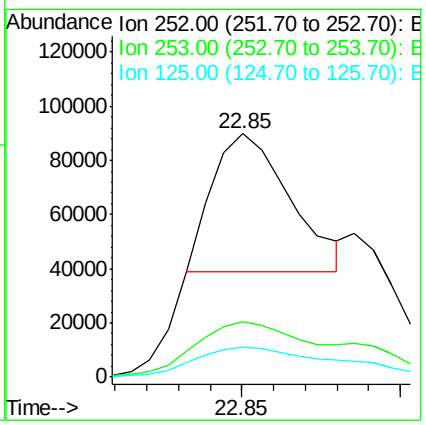


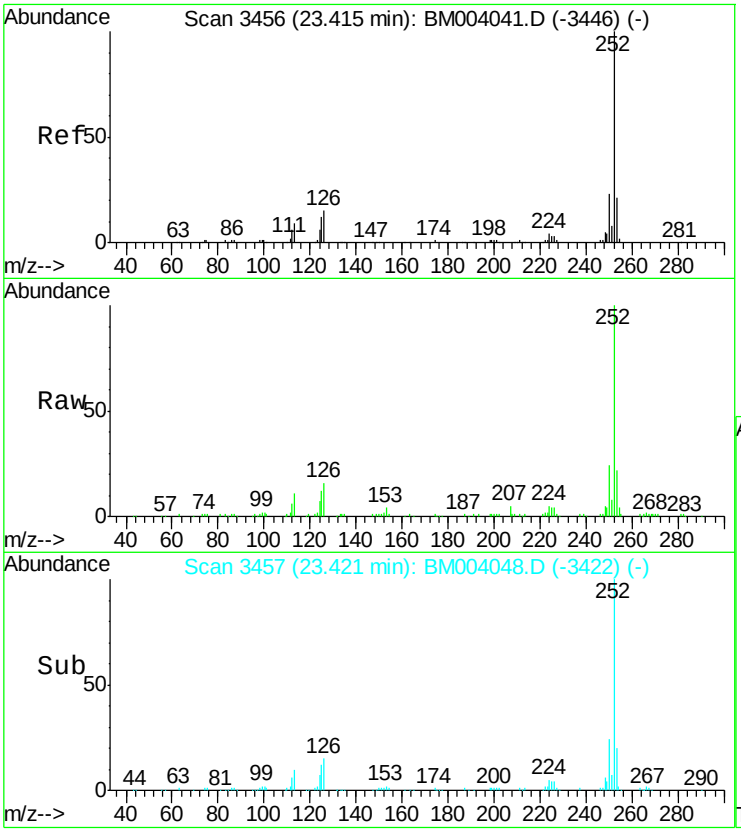


#89
Benzo(k)fluoranthene
Concen: 9.02 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:252 Resp: 86694

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.2	8.2	12.2



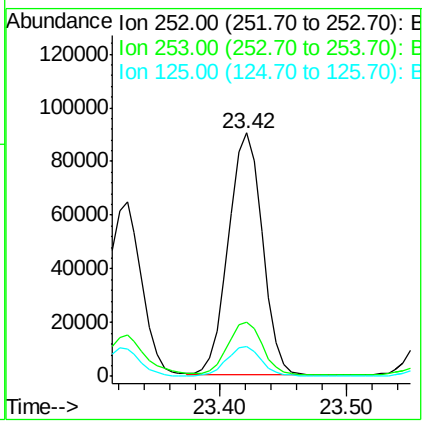


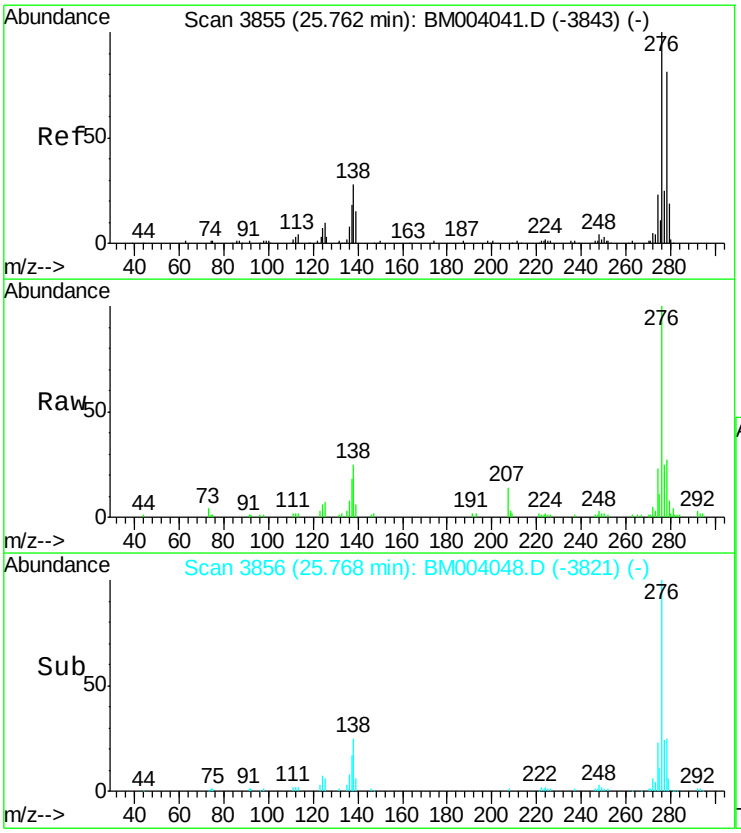
#91
Benzo(a)pyrene
Concen: 17.45 ng/ul
RT: 23.42 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:252 Resp: 167206

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.1	9.0	13.6

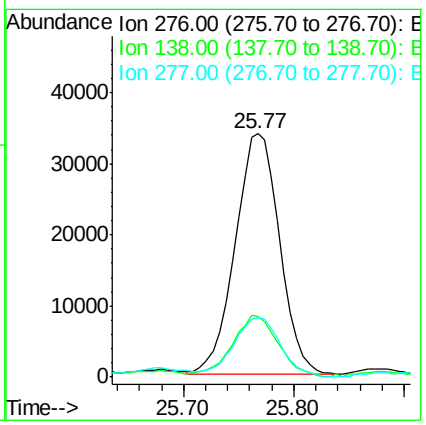


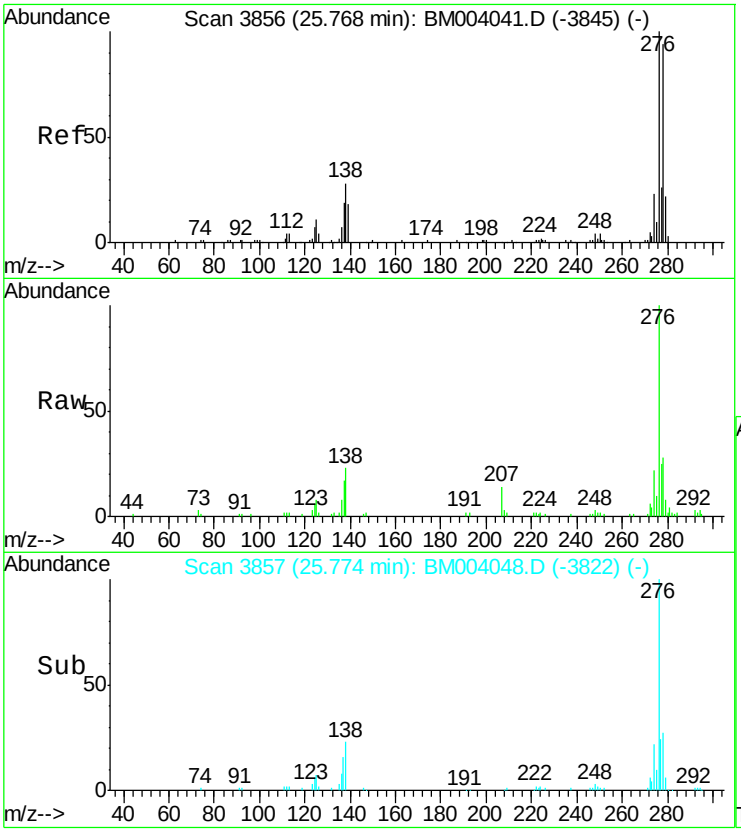


#92
Indeno(1,2,3-cd)pyrene
Concen: 8.99 ng/ul
RT: 25.77 min Scan# 3856
Delta R.T. 0.01 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:276 Resp: 95264

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.3	33.5
277	24.5	20.2	30.2



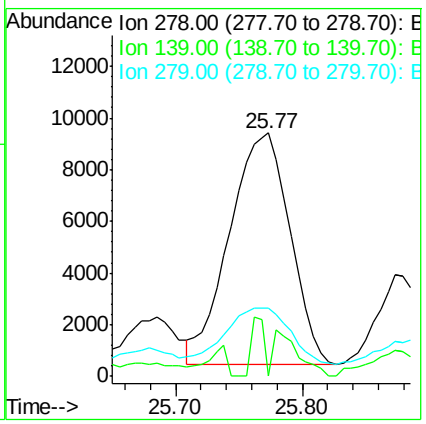


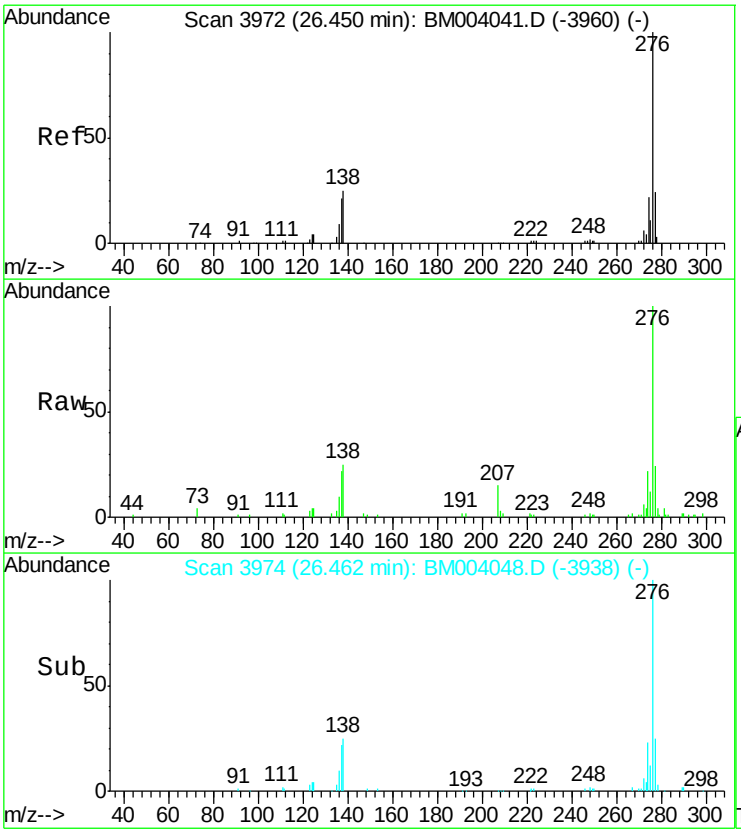
#93
Dibenzo(a,h)anthracene
Concen: 3.35 ng/ul
RT: 25.77 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Instrument :
BNA_M
ClientSampleId :
BC9C8

Tgt Ion:278 Resp: 29856

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	27.9	19.0	28.4





#94
Benzo(g,h,i)perylene
Concen: 11.15 ng/ul
RT: 26.46 min Scan# 3974
Delta R.T. 0.01 min
Lab File: BM004048.D
Acq: 15 Jan 2016 15:23

Tgt Ion:276 Resp: 99268

Ion	Ratio	Lower	Upper
276	100		
138	24.8	18.9	28.3
277	24.5	19.2	28.8