Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002784.D
Acq On : 30 Sep 2015 14:29
Operator : UM/IZ
Sample : G3838-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5MX3

Quant Time: Sep 30 15:27:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 06:48:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	106913	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	435259	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	206908	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	401430	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	414096	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	426550	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.77	96	10056	4.37	ng/uL	0.00
5) Phenol-d5	7.82	99	185119	22.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	112871	24.77	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	175957	23.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	152000	22.76	ng/ul	0.00
19) Nitrobenzene-d5	9.90	128	83530	25.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	85528	24.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	138302	22.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	156286	21.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	390598	25.09	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	520818	25.07	ng/ul	0.00
52) 4-Nitrophenol-d4	15.47	143	46595	16.86	ng/ul	0.01
58) Fluorene-d10	16.27	176	339977	24.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	11334	5.79	ng/ul	0.00
71) Anthracene-d10	18.11	188	481911	25.15	ng/ul	0.00
79) Pyrene-d10	20.34	212	485639	25.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.52	264	551009	25.25	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	7.82	77	9373	2.06	ng/ul	91
28) Naphthalene	11.61	128	50708	2.28	ng/ul	98
32) Caprolactam	12.49	113	5341	2.74	ng/ul#	75
34) 2-Methylnaphthalene	13.17	142	77946	5.04	ng/ul	97
35) 1-Methylnaphthalene	13.38	142	68508	4.56	ng/ul	98
45) Dimethylphthalate	14.72	163	140834	8.90	ng/ul	100
54) Dibenzofuran	15.69	168	37037	1.89	ng/ul	94
70) Phenanthrene	18.05	178	122556	5.28	ng/ul	97
72) Anthracene	18.05	178	122556	5.19	ng/ul	96
77) Fluoranthene	20.01	202	79041	3.30	ng/ul	100
80) Pyrene	20.37	202	85665	3.26	ng/ul	98
83) Benzo(a)anthracene	22.08	228	64114	2.60	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.91	149	19392	1.09	ng/ul#	93
85) Chrysene	22.13	228	72356	3.12	ng/ul#	90
88) Benzo(b)fluoranthene	23.89	252	83380	3.25	ng/ul#	88
91) Benzo(a)pyrene	24.57	252	63714	2.59	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	27.41	276	43622	1.52	ng/ul	97
94) Benzo(g,h,i)perylene	28.26	276	49282	2.04	ng/ul	91

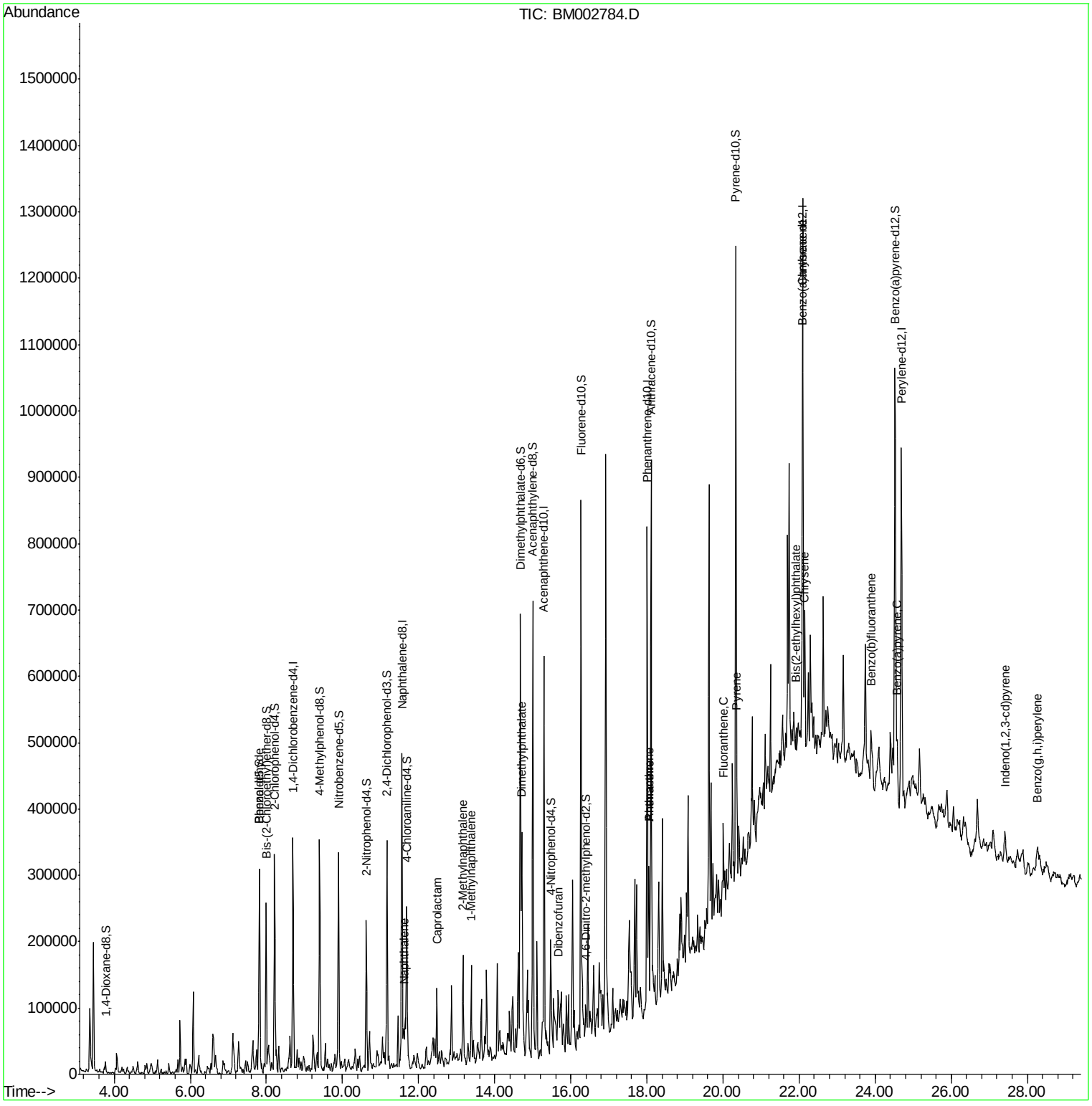
(#) = qualifier out of range (m) = manual integration (+) = signals summed

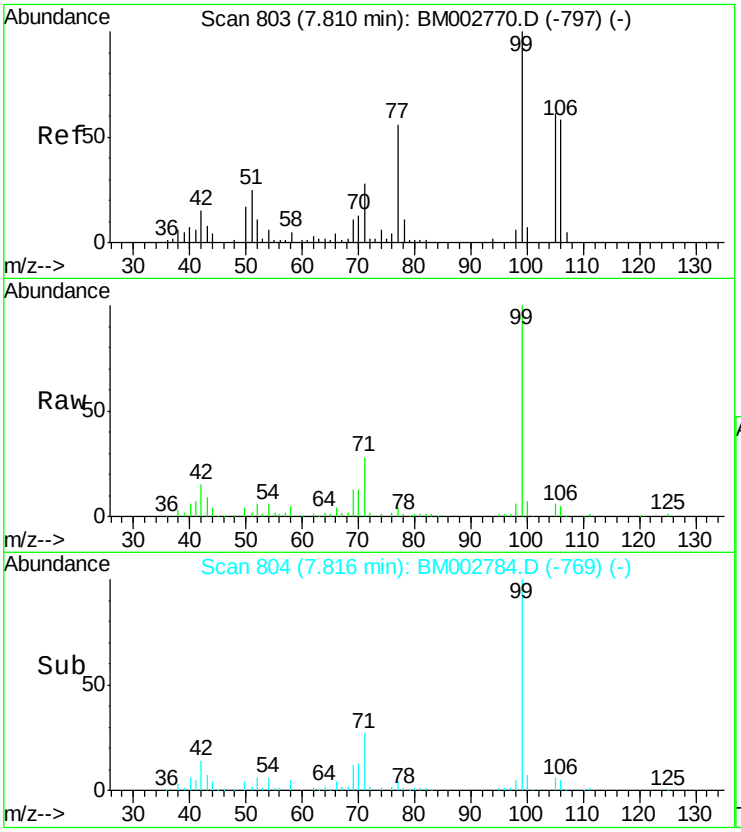
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002784.D
Acq On : 30 Sep 2015 14:29
Operator : UM/IZ
Sample : G3838-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E5MX3

Quant Time: Sep 30 15:27:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 06:48:30 2015
Response via : Initial Calibration



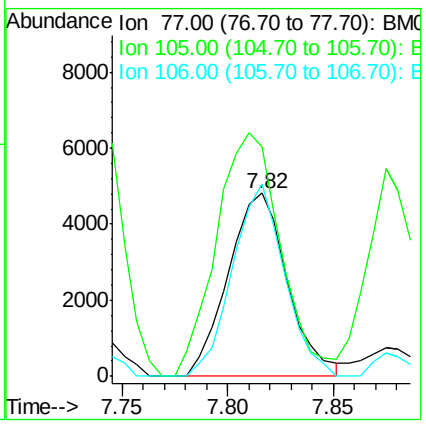


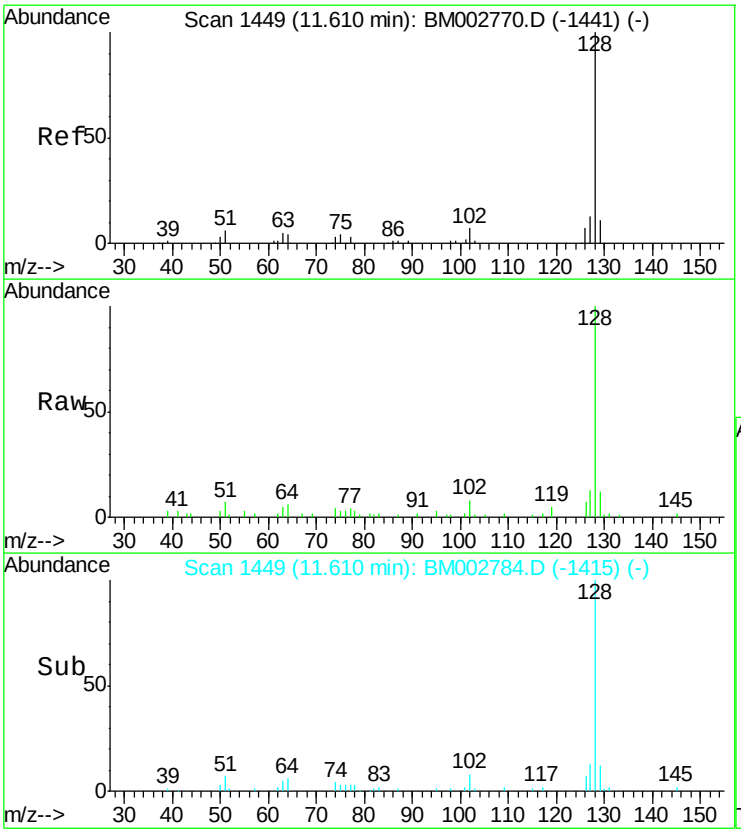
#4
Benzaldehyde
Concen: 2.06 ng/ul
RT: 7.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion: 77 Resp: 9373

Ion	Ratio	Lower	Upper
77	100		
105	125.0	86.2	129.2
106	104.6	82.5	123.7

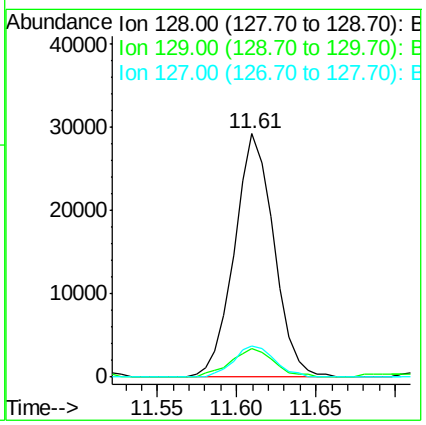


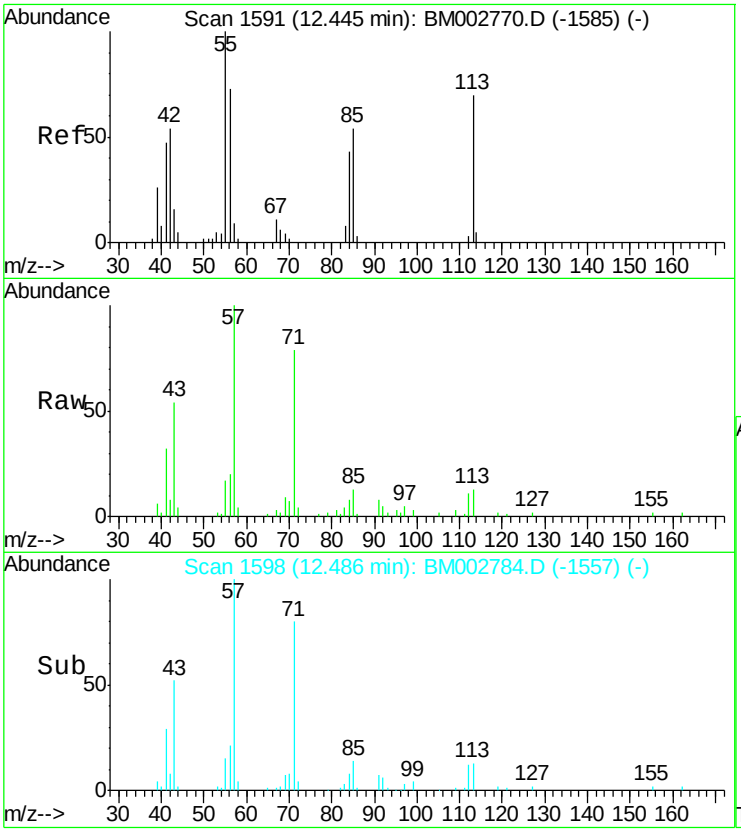


#28
Naphthalene
Concen: 2.28 ng/ul
RT: 11.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:128 Resp: 50708

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	13.0	9.9	14.9



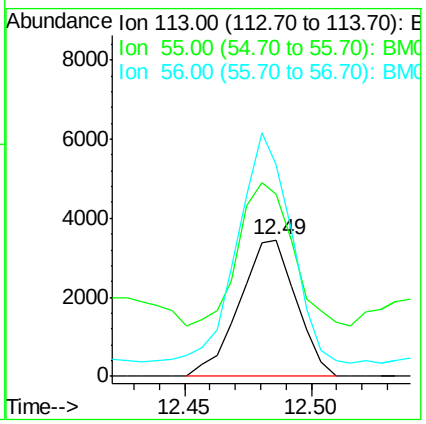


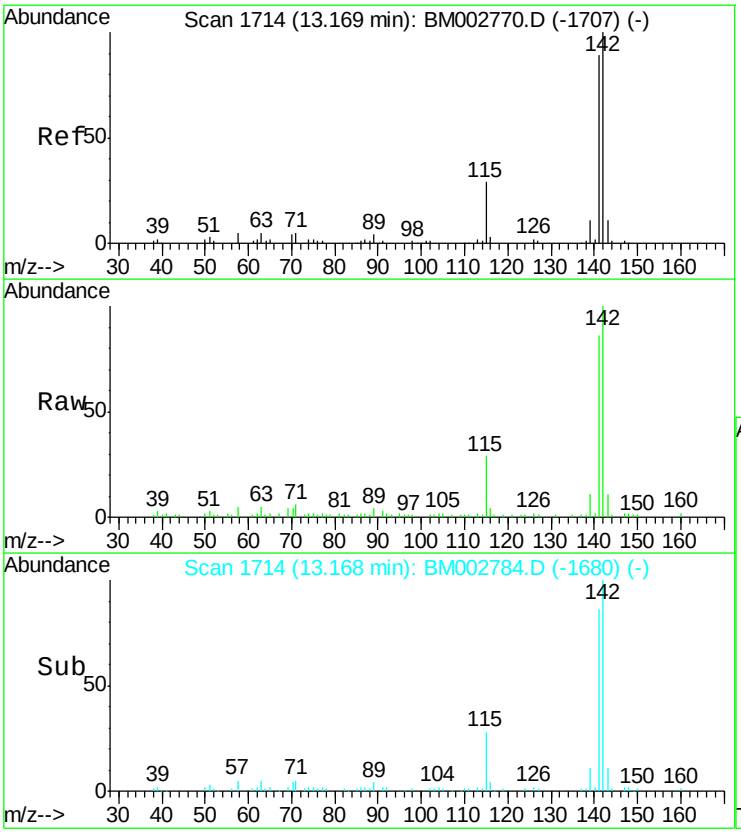
#32
Caprolactam
Concen: 2.74 ng/ul
RT: 12.49 min Scan# 1598
Delta R.T. 0.04 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion:113 Resp: 5341

Ion	Ratio	Lower	Upper
113	100		
55	133.2	118.3	177.5
56	155.5	87.4	131.0#

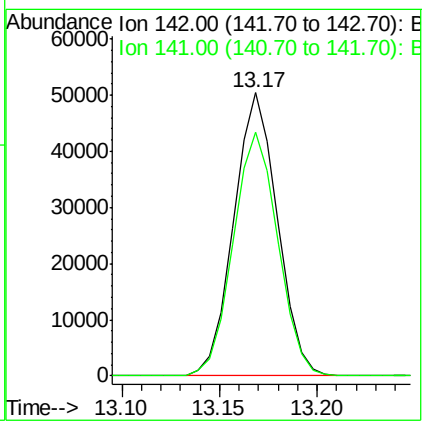


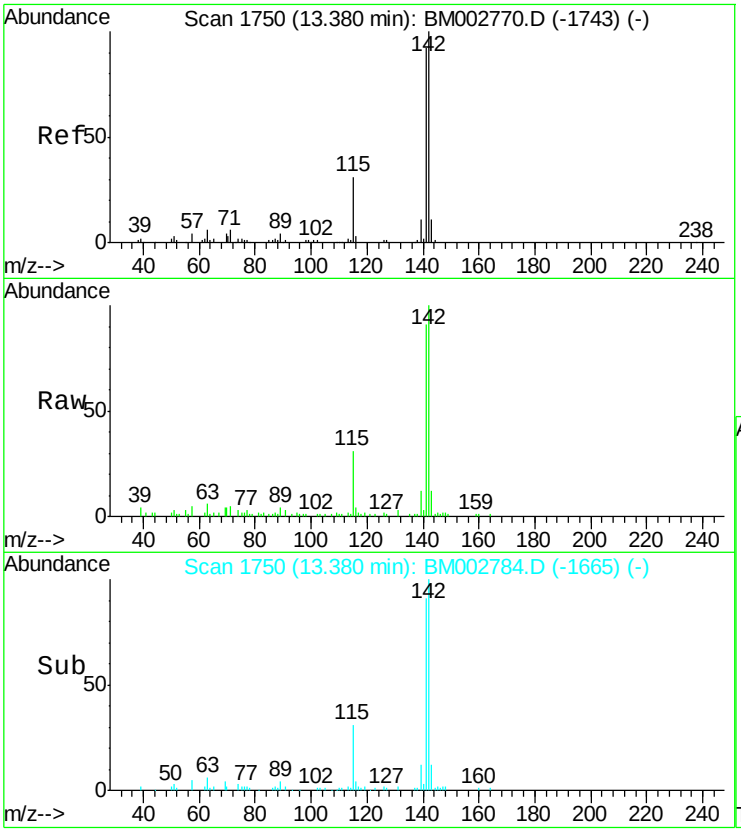


#34
2-Methylnaphthalene
Concen: 5.04 ng/ul
RT: 13.17 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:142 Resp: 77946

Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.2	106.8



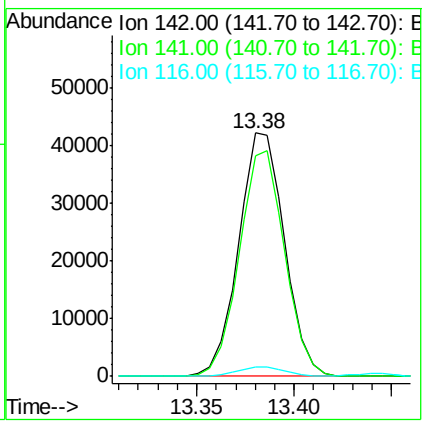


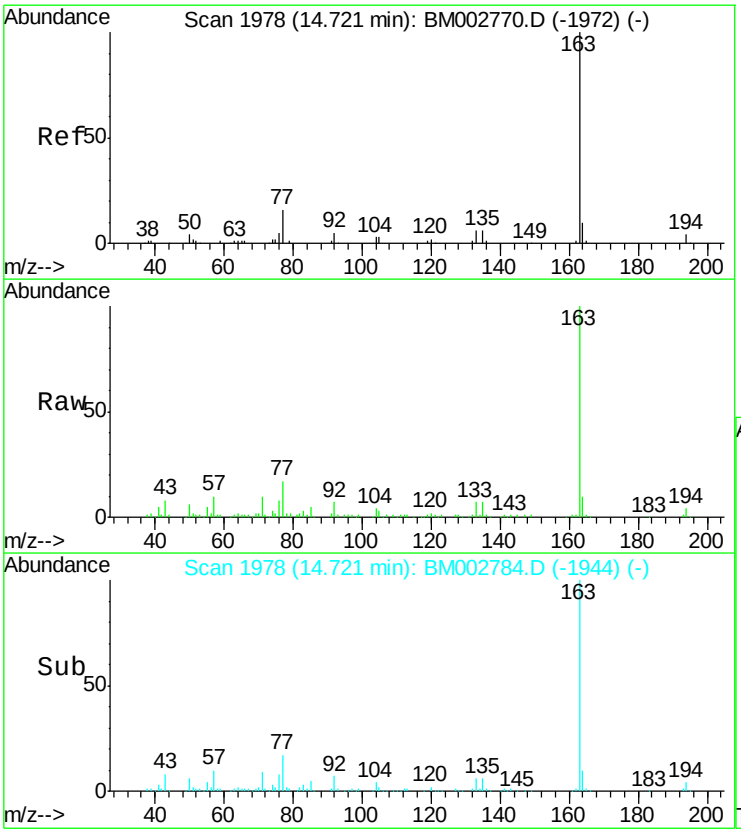
#35
1-Methylnaphthalene
Concen: 4.56 ng/ul
RT: 13.38 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion:142 Resp: 68508

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.4	111.6
116	3.6	2.6	4.0

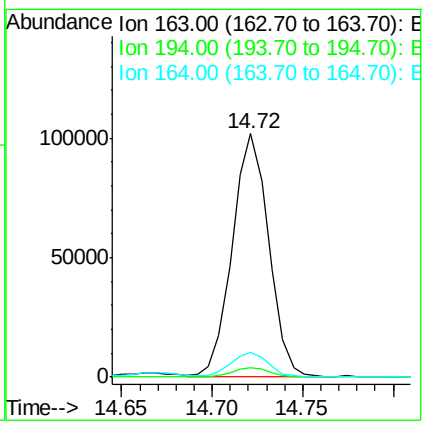


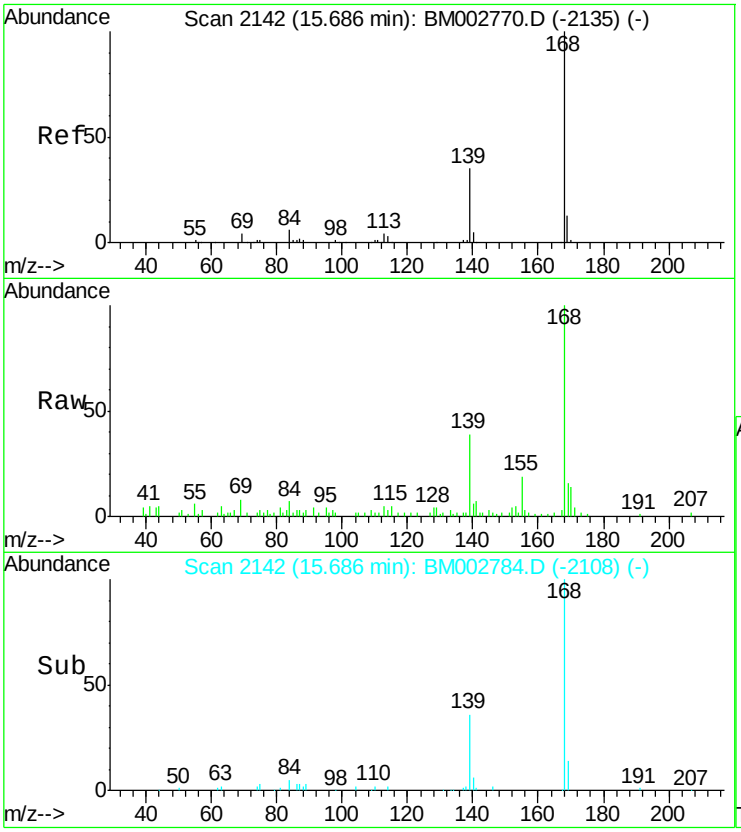


#45
Dimethylphthalate
Concen: 8.90 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:163 Resp: 140834

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.9	8.1	12.1



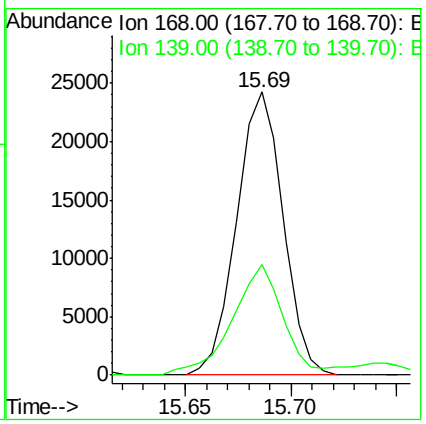


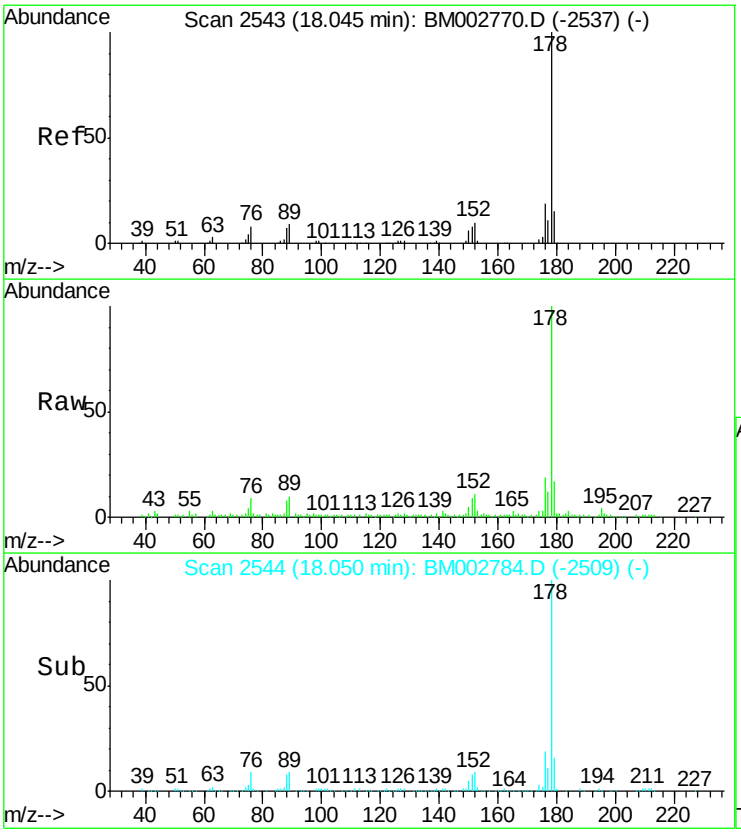
#54
Dibenzofuran
Concen: 1.89 ng/ul
RT: 15.69 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion:168 Resp: 37037

Ion	Ratio	Lower	Upper
168	100		
139	39.3	28.7	43.1

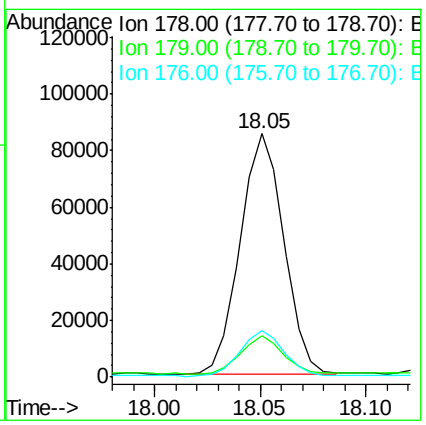


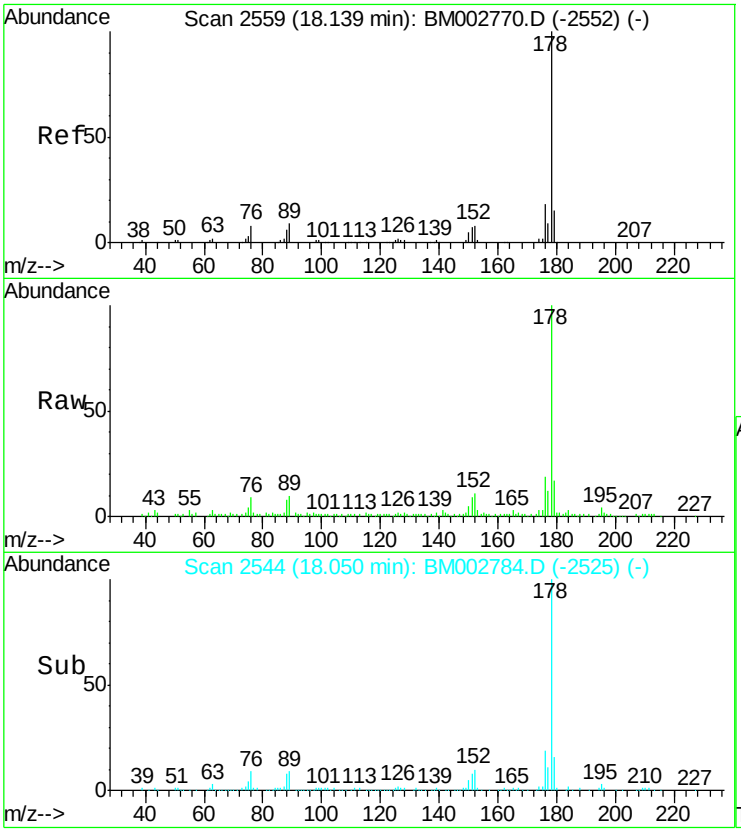


#70
Phenanthrene
Concen: 5.28 ng/ul
RT: 18.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:178 Resp: 122556

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.0	18.0
176	19.2	14.6	22.0



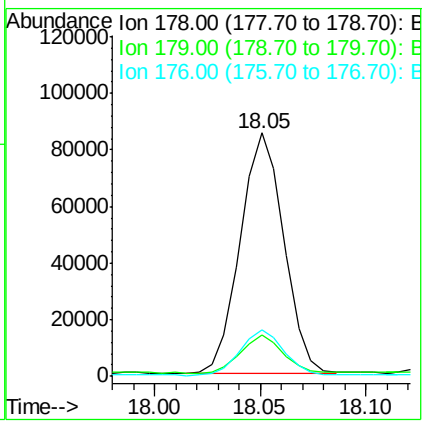


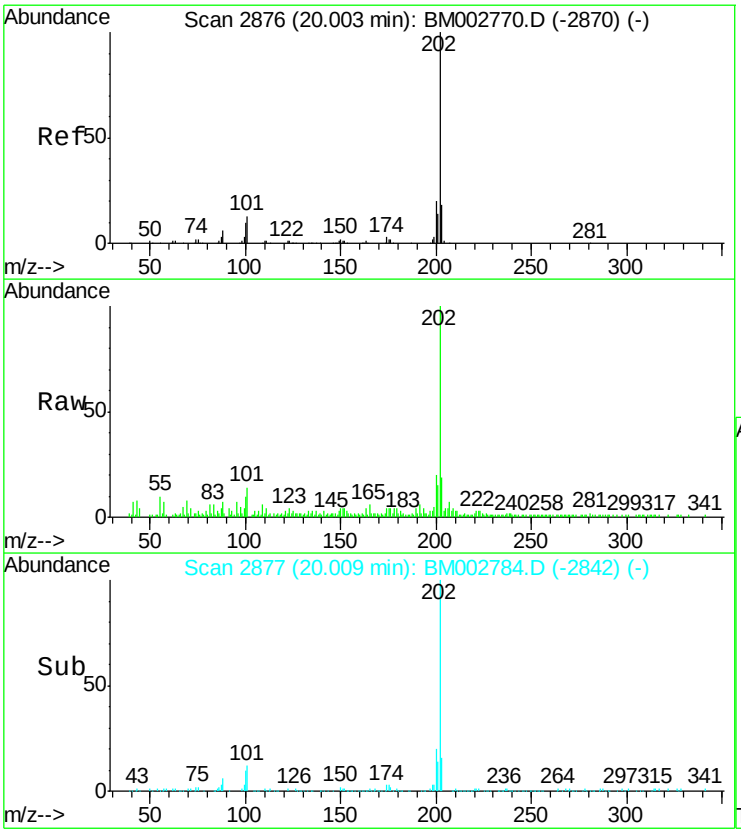
#72
Anthracene
Concen: 5.19 ng/ul
RT: 18.05 min Scan# 2544
Delta R.T. -0.09 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion:178 Resp: 122556

Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.9	17.9
176	19.2	14.4	21.6

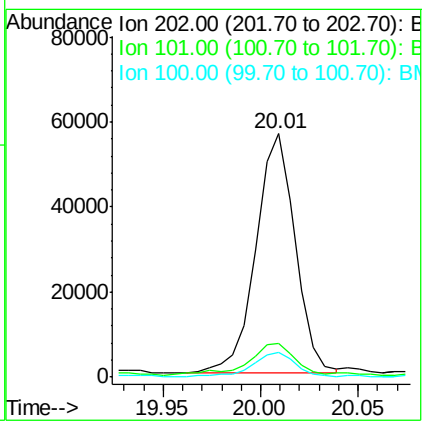


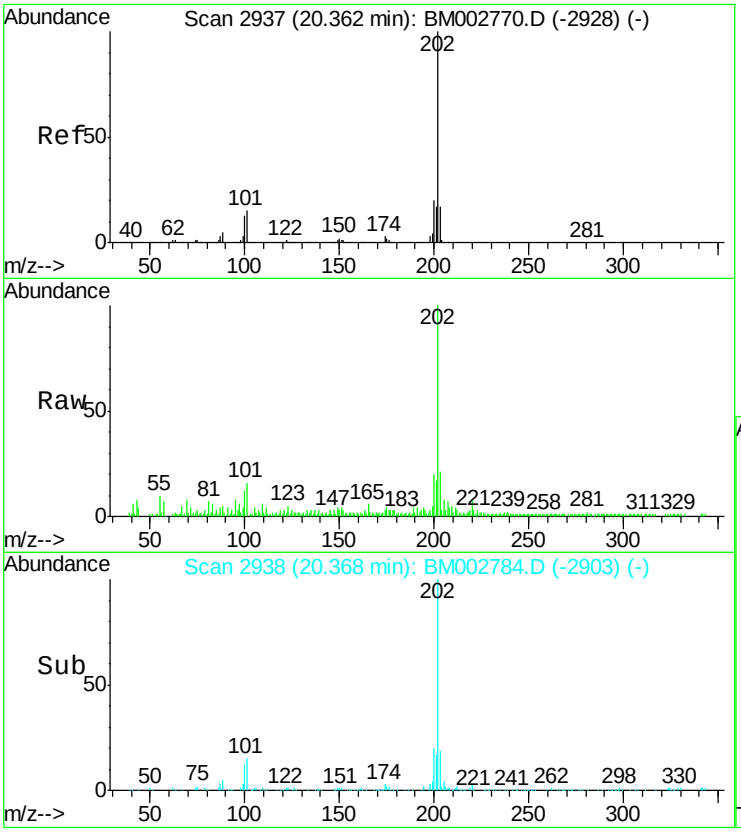


#77
Fluoranthene
Concen: 3.30 ng/ul
RT: 20.01 min Scan# 2877
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:202 Resp: 79041

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.0	16.4
100	10.4	8.3	12.5



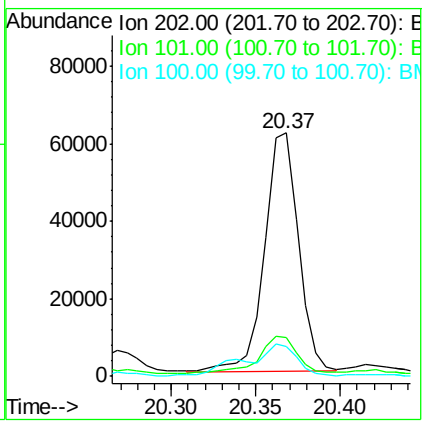


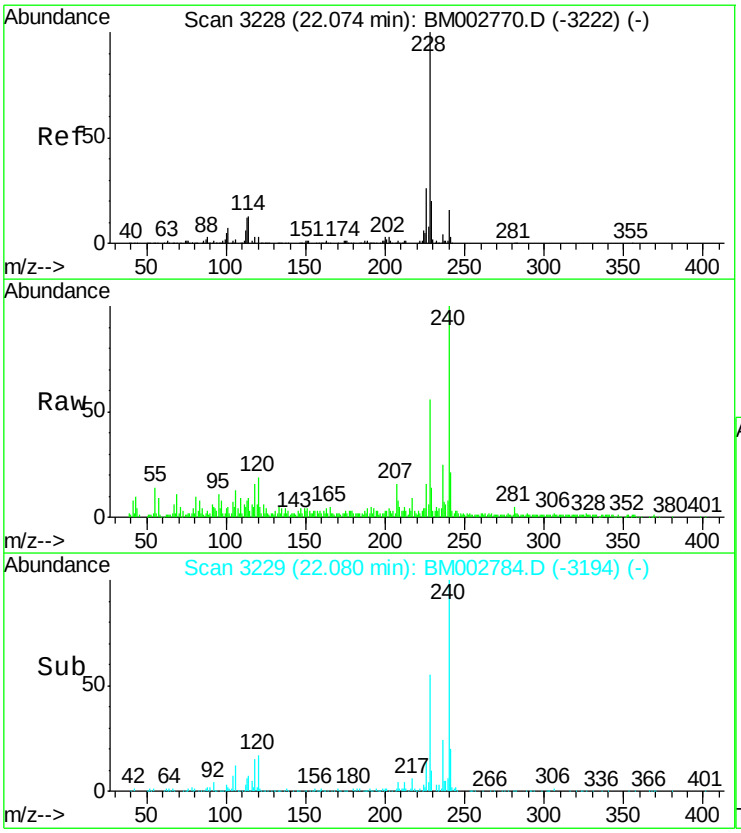
#80
Pyrene
Concen: 3.26 ng/ul
RT: 20.37 min Scan# 2938
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion:202 Resp: 85665

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.1	18.1
100	12.0	10.2	15.4

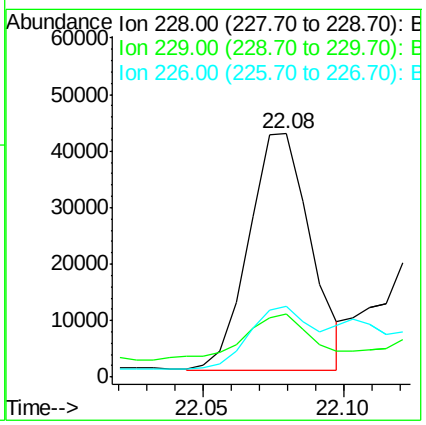


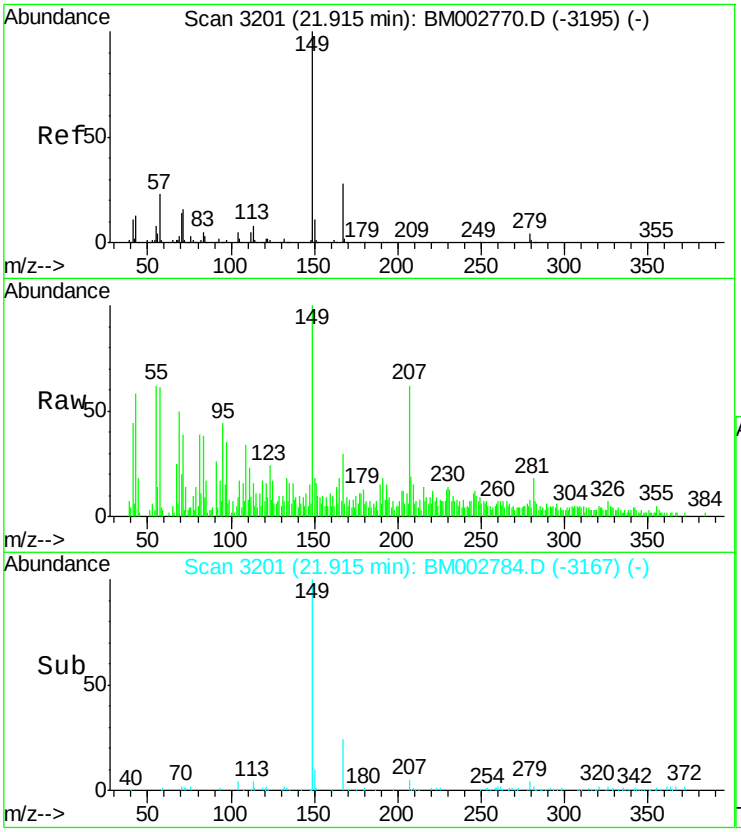


#83
Benzo(a)anthracene
Concen: 2.60 ng/ul
RT: 22.08 min Scan# 3229
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:228 Resp: 64114

Ion	Ratio	Lower	Upper
228	100		
229	25.8	16.1	24.1#
226	29.2	20.9	31.3



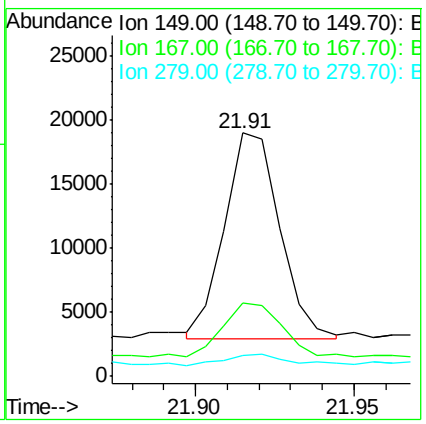


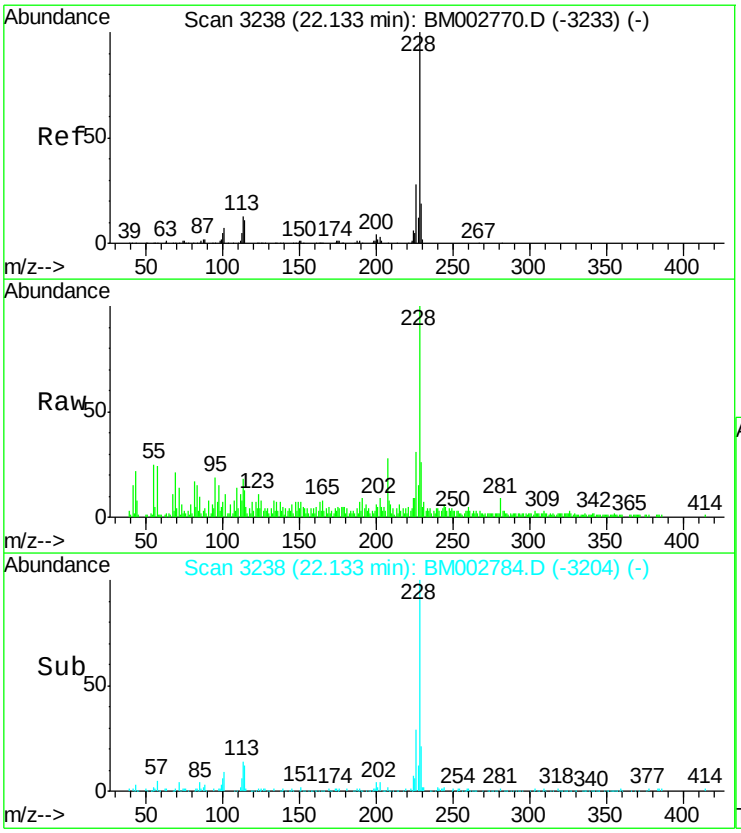
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.09 ng/ul
RT: 21.91 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion:149 Resp: 19392

Ion	Ratio	Lower	Upper
149	100		
167	30.1	21.7	32.5
279	8.4	3.0	4.6#

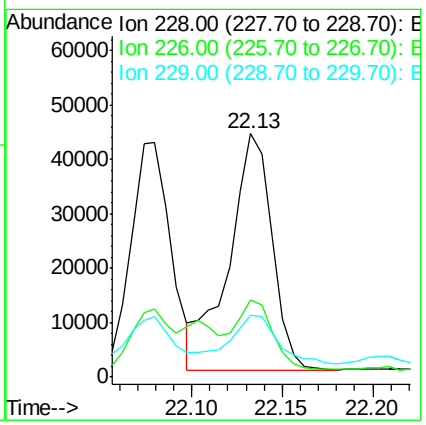


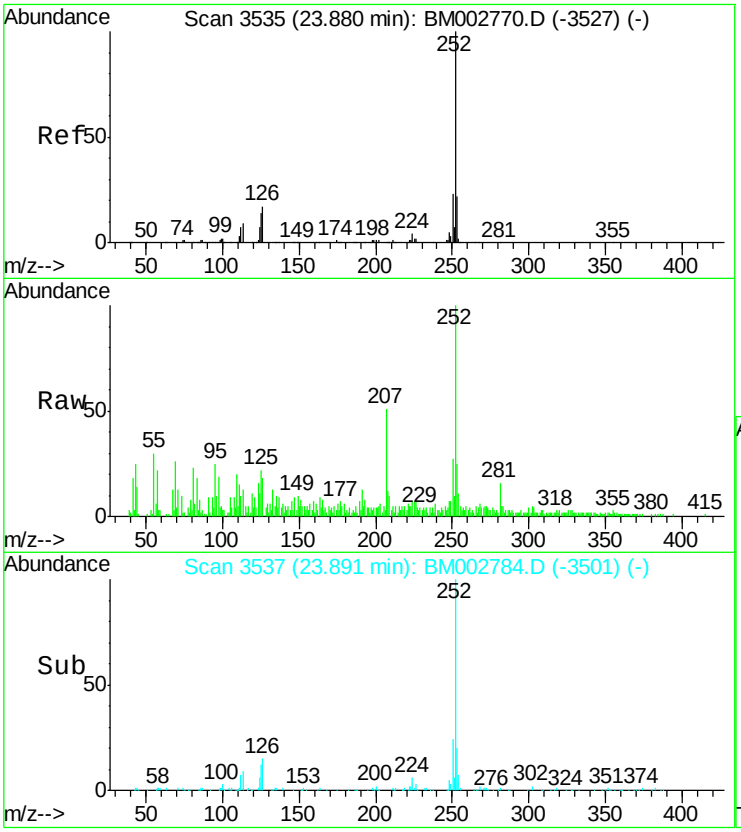


#85
Chrysene
Concen: 3.12 ng/ul
RT: 22.13 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:228 Resp: 72356

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.4	33.6
229	25.6	15.4	23.2#



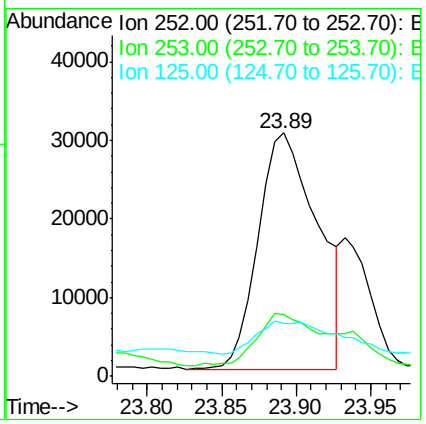


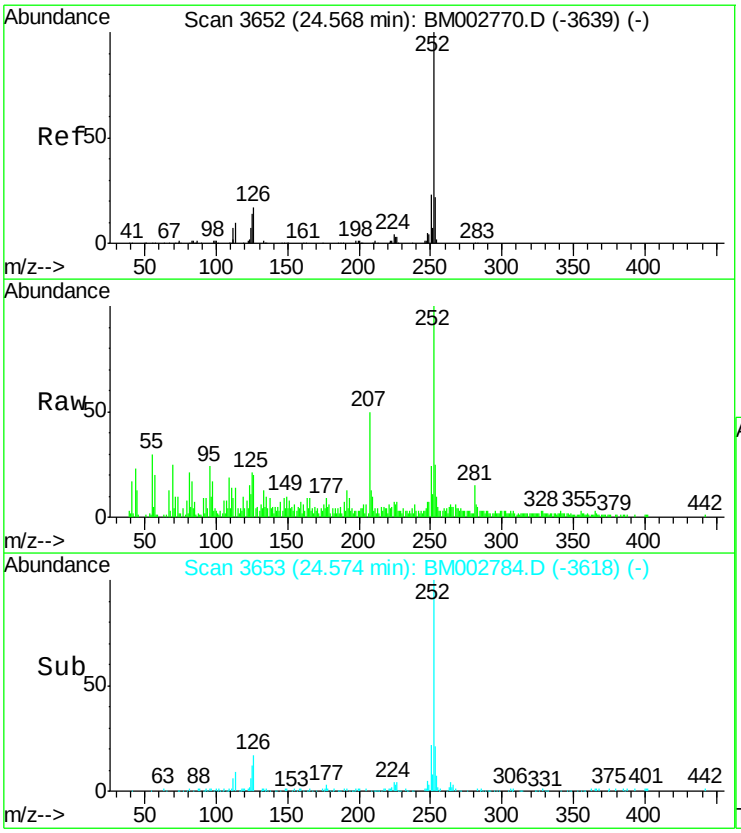
#88
Benzo(b)fluoranthene
Concen: 3.25 ng/ul
RT: 23.89 min Scan# 3537
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion:252 Resp: 83380

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	21.7	10.6	15.8#

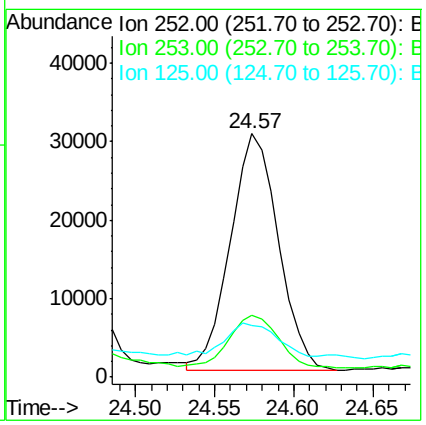


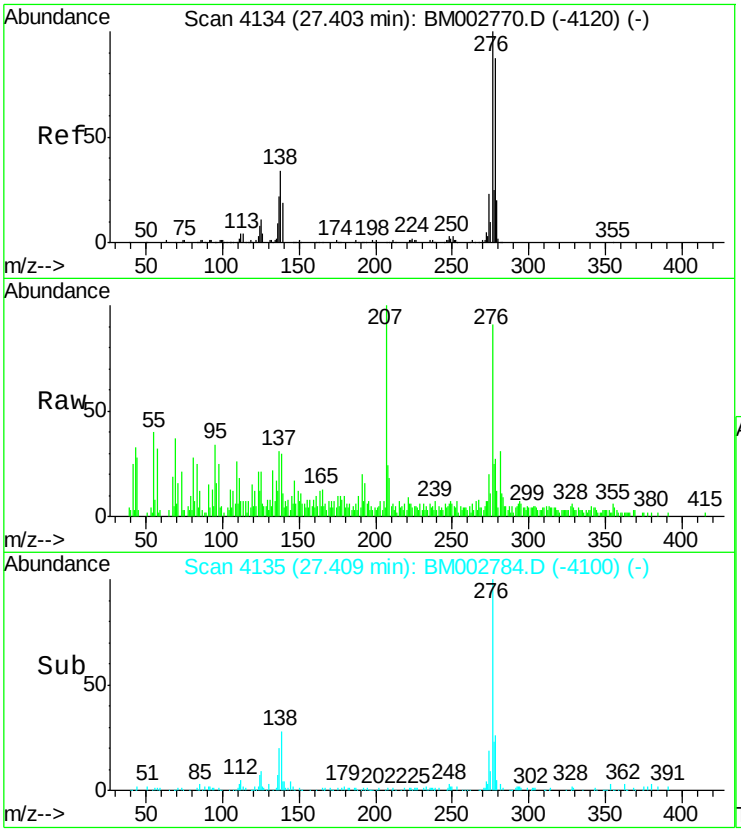


#91
Benzo(a)pyrene
Concen: 2.59 ng/ul
RT: 24.57 min Scan# 3653
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:252 Resp: 63714

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	21.2	11.4	17.2#



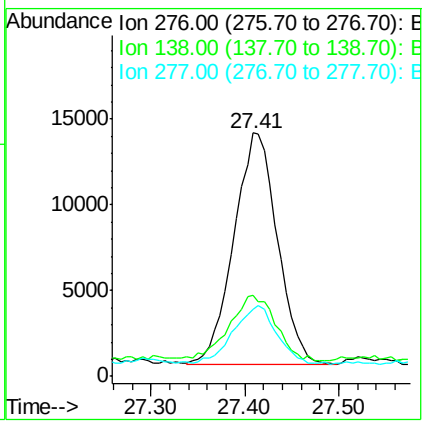


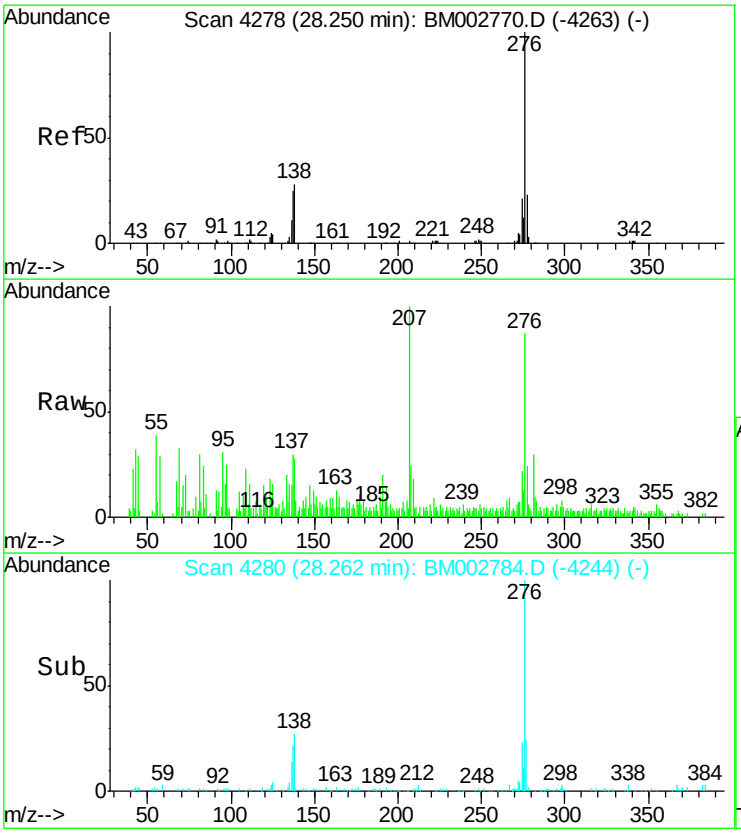
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.52 ng/ul
RT: 27.41 min Scan# 4135
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Instrument :
BNA_M
ClientSampleId :
E5MX3

Tgt Ion:276 Resp: 43622

Ion	Ratio	Lower	Upper
276	100		
138	33.2	27.7	41.5
277	27.7	20.2	30.4





#94
Benzo(g,h,i)perylene
Concen: 2.04 ng/ul
RT: 28.26 min Scan# 4280
Delta R.T. 0.01 min
Lab File: BM002784.D
Acq: 30 Sep 2015 14:29

Tgt Ion:276 Resp: 49282

Ion	Ratio	Lower	Upper
276	100		
138	32.0	21.8	32.8
277	28.0	18.9	28.3