Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02E7

Quant Time: Jul 29 06:40:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:50:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	67938	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	266471	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	160518	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	365834	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	415163	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	421196	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	3777	2.88	ng/uL	0.00
5) Phenol-d5	6.78	99	84107	17.32	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	44223	16.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	70847	17.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	63885	16.55	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	33371	17.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	30514	14.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	73785	18.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	70278	15.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	212404	18.07	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	246437	16.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	26336	13.42	ng/ul	0.02
58) Fluorene-d10	15.26	176	169221	16.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	2955	1.32	ng/ul	0.00
71) Anthracene-d10	17.11	188	270694	16.58	ng/ul	0.00
79) Pyrene-d10	19.42	212	271755	15.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	286374	14.03	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.72	163	90606	7.72	ng/ul	100
50) Acenaphthene	14.33	153	16864	1.70	ng/ul	97
54) Dibenzofuran	14.66	168	14369	1.01	ng/ul	99
59) Fluorene	15.32	166	22247	1.89	ng/ul	98
70) Phenanthrene	17.06	178	311382	16.43	ng/ul	99
72) Anthracene	17.14	178	89412	4.62	ng/ul	99
75) Carbazole	17.42	167	25342	1.53	ng/ul	95
76) Di-n-butylphthalate	17.98	149	61924	3.14	ng/ul	98
77) Fluoranthene	19.08	202	546203	24.96	ng/ul	100
80) Pyrene	19.44	202	455955	20.18	ng/ul	100
83) Benzo(a)anthracene	21.20	228	267281	11.61	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.12	149	61880	4.68	ng/ul	99
85) Chrysene	21.25	228	266064	12.36	ng/ul	97
88) Benzo(b)fluoranthene	22.76	252	362481	15.32	ng/ul#	96
89) Benzo(k)fluoranthene	22.76	252	106199	4.65	ng/ul#	97
91) Benzo(a)pyrene	23.32	252	238406	10.44	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.63	276	179292	6.81	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.64	278	47849	2.12	ng/ul#	91
94) Benzo(g,h,i)perylene	26.31	276	159389	7.22	ng/ul	97

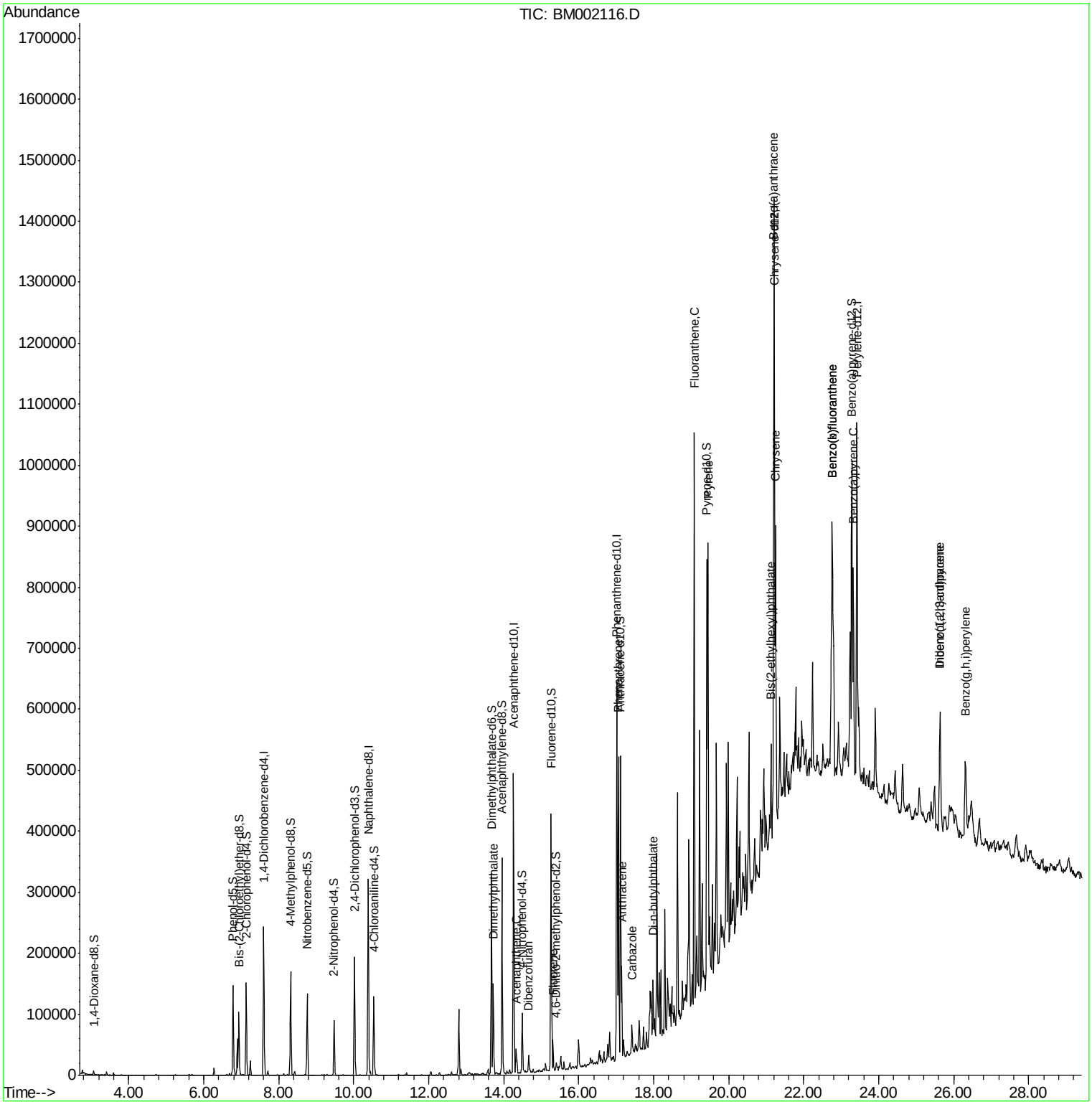
(#) = qualifier out of range (m) = manual integration (+) = signals summed

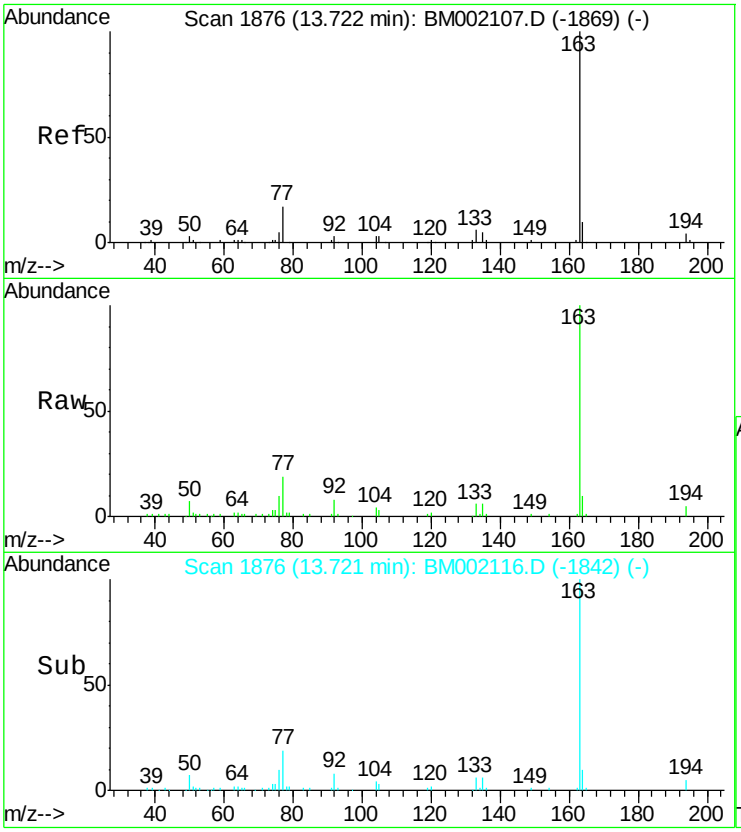
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002116.D
Acq On : 29 Jul 2015 05:17
Operator : TP/UM
Sample : G3030-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02E7

Quant Time: Jul 29 06:40:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:50:38 2015
Response via : Initial Calibration



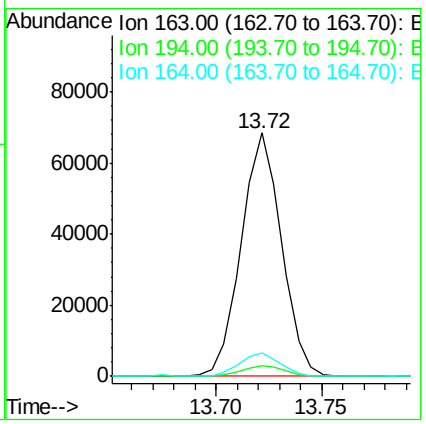


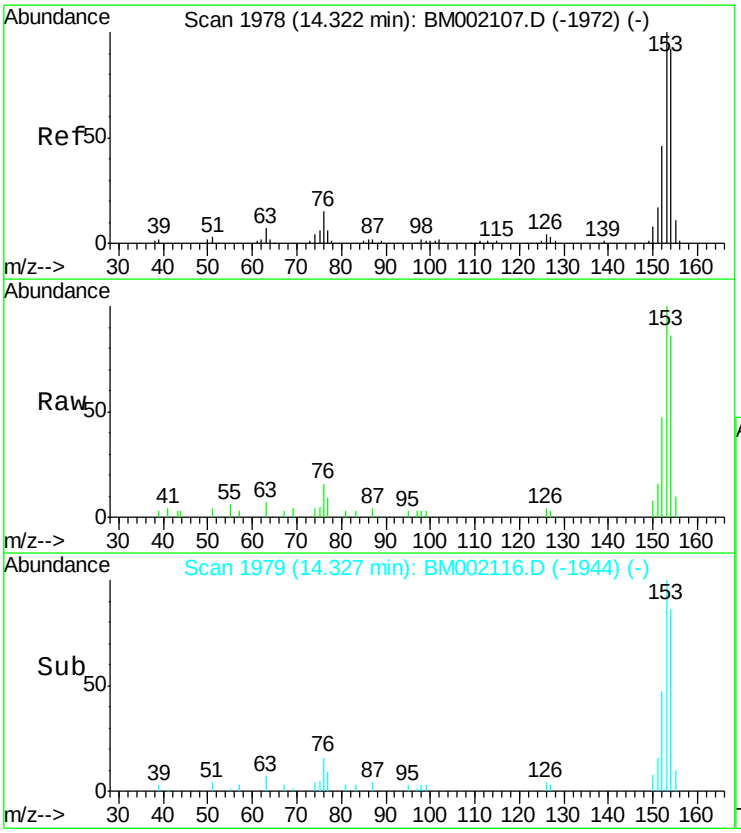
#45
Dimethylphthalate
Concen: 7.72 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:163 Resp: 90606

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.8	8.0	12.0

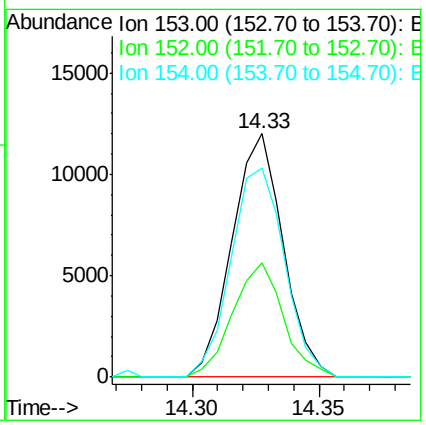


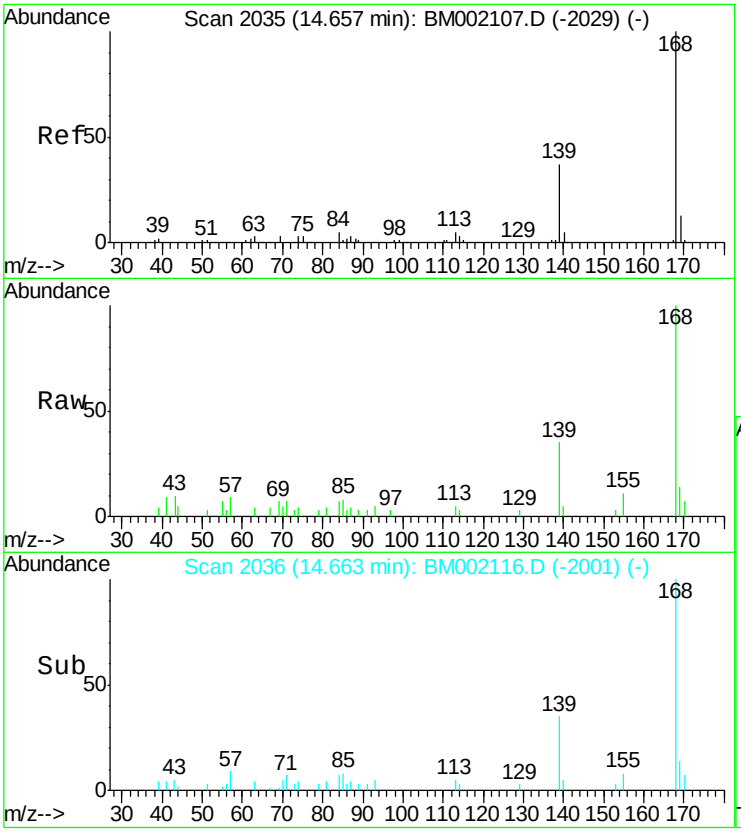


#50
Acenaphthene
Concen: 1.70 ng/ul
RT: 14.33 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:153 Resp: 16864

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.3	55.9
154	85.8	71.4	107.2



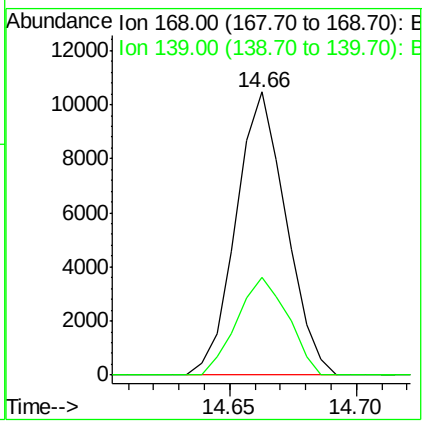


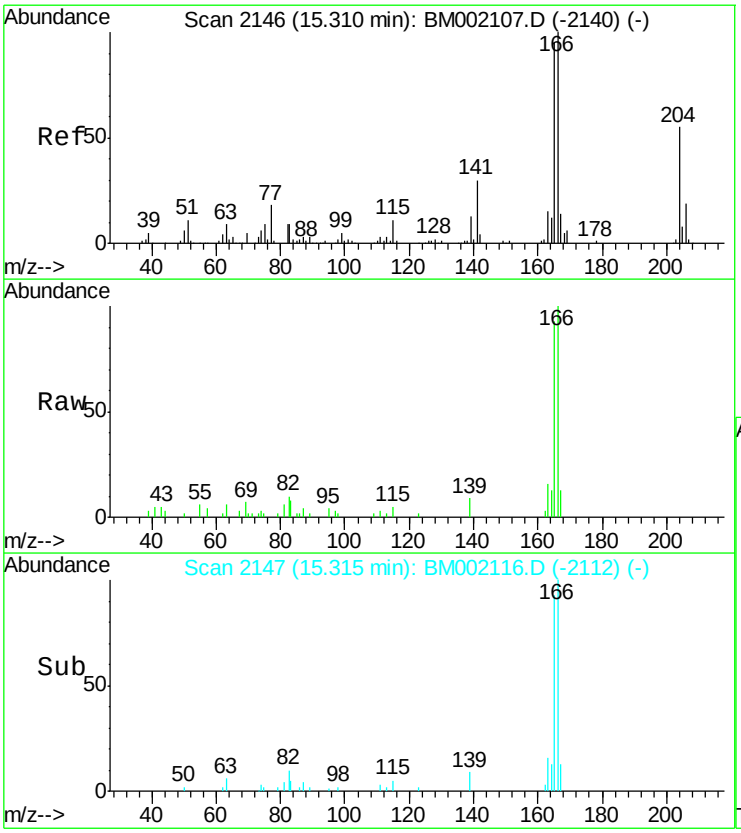
#54
Dibenzofuran
Concen: 1.01 ng/ul
RT: 14.66 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:168 Resp: 14369

Ion	Ratio	Lower	Upper
168	100		
139	34.6	28.2	42.2

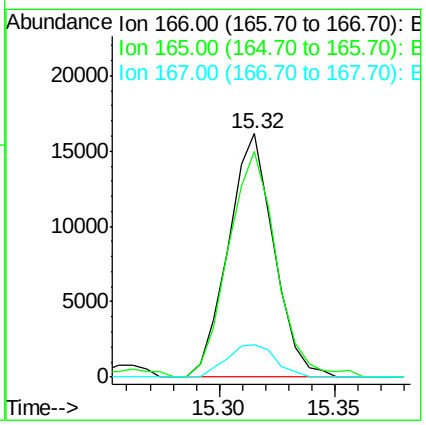


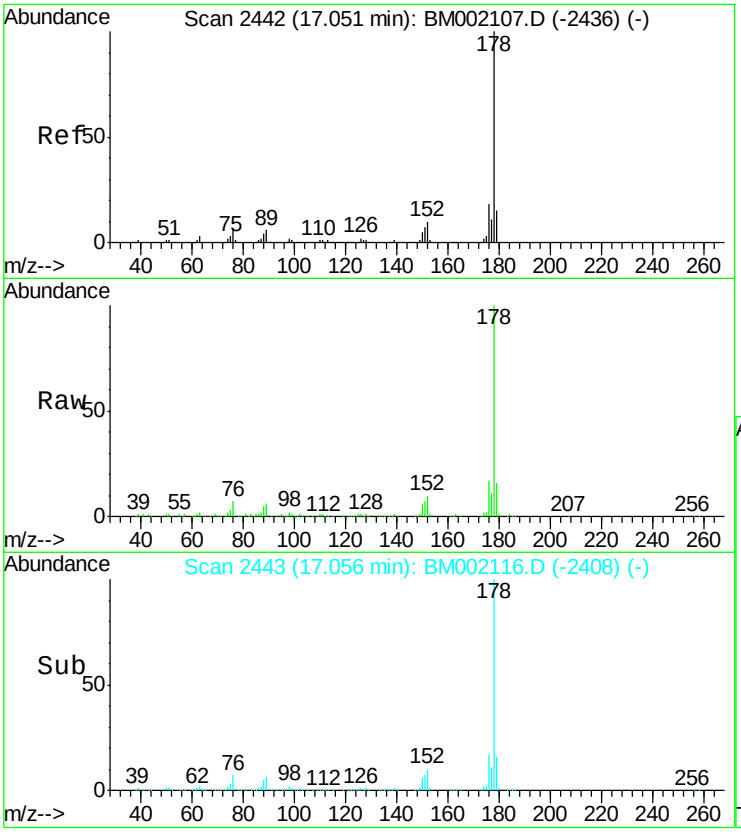


#59
Fluorene
Concen: 1.89 ng/ul
RT: 15.32 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:166 Resp: 22247

Ion	Ratio	Lower	Upper
166	100		
165	92.8	75.6	113.4
167	13.1	10.5	15.7



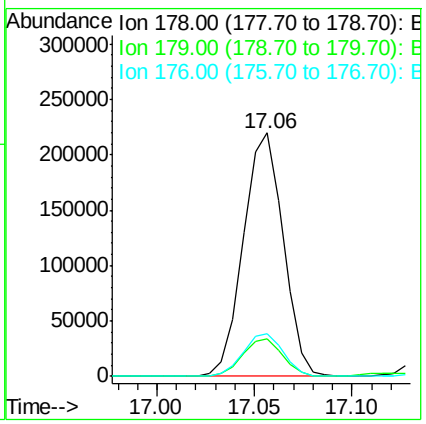


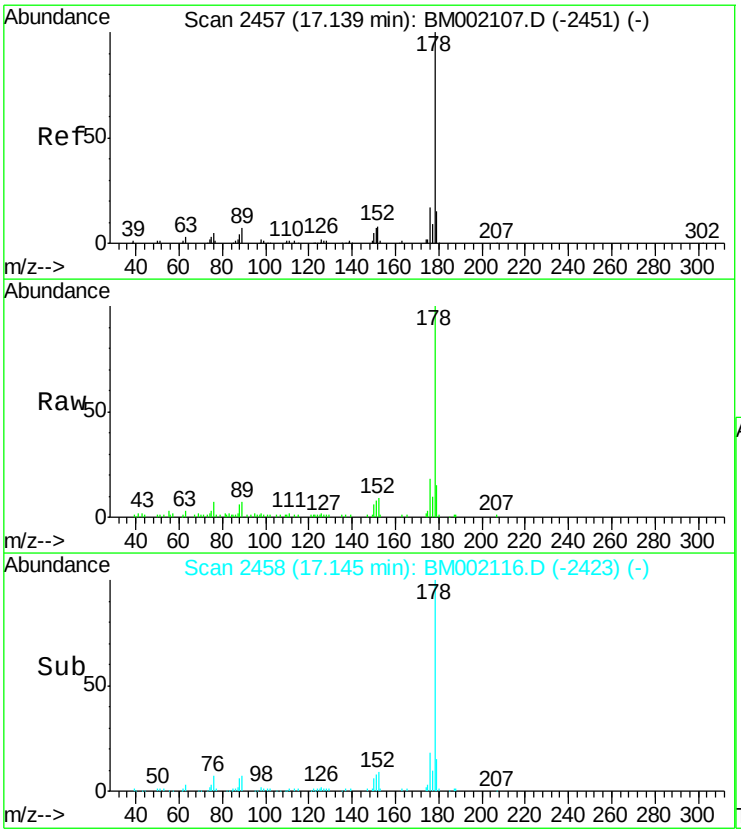
#70
Phenanthrene
Concen: 16.43 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:178 Resp: 311382

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	17.3	14.2	21.4

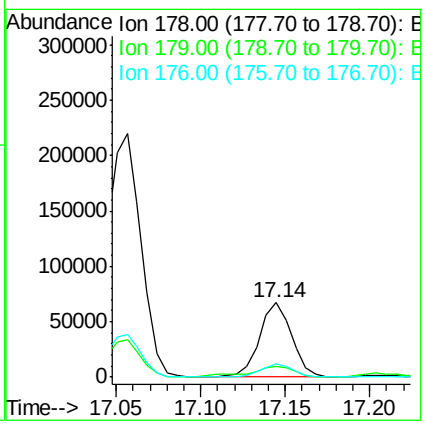


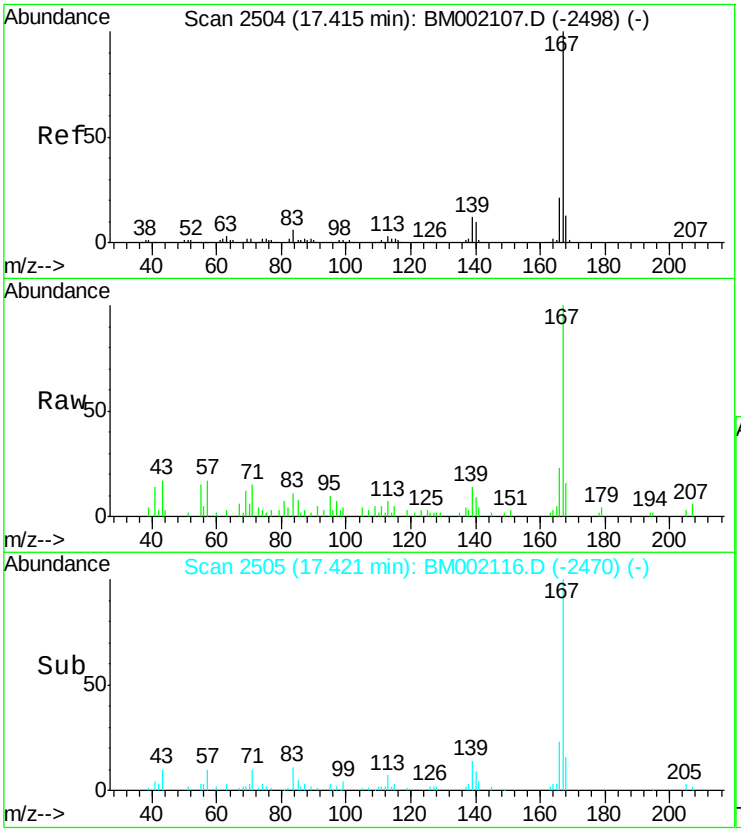


#72
Anthracene
Concen: 4.62 ng/ul
RT: 17.14 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:178 Resp: 89412

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.1	18.1
176	17.9	14.1	21.1



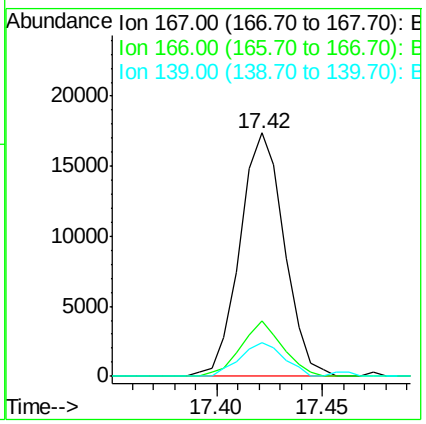


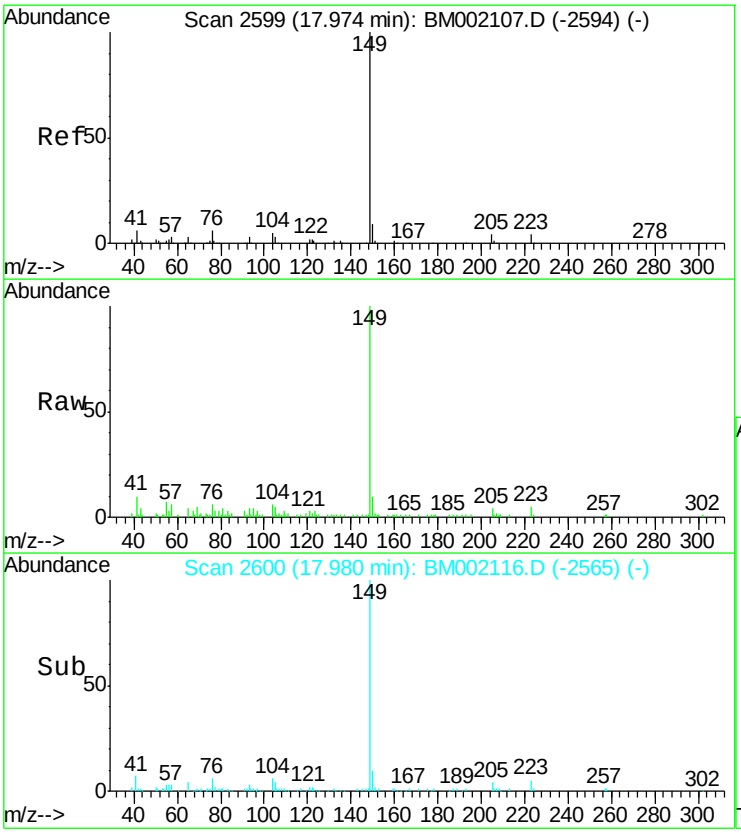
#75
Carbazole
Concen: 1.53 ng/ul
RT: 17.42 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:167 Resp: 25342

Ion	Ratio	Lower	Upper
167	100		
166	22.8	16.2	24.4
139	14.1	9.6	14.4

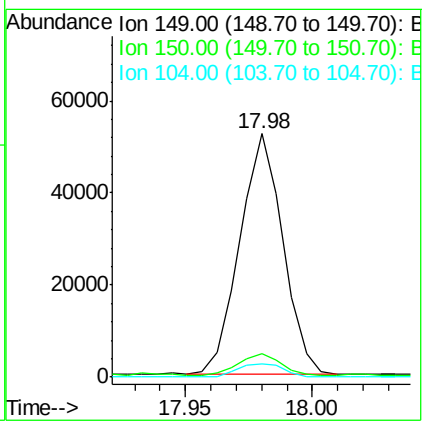


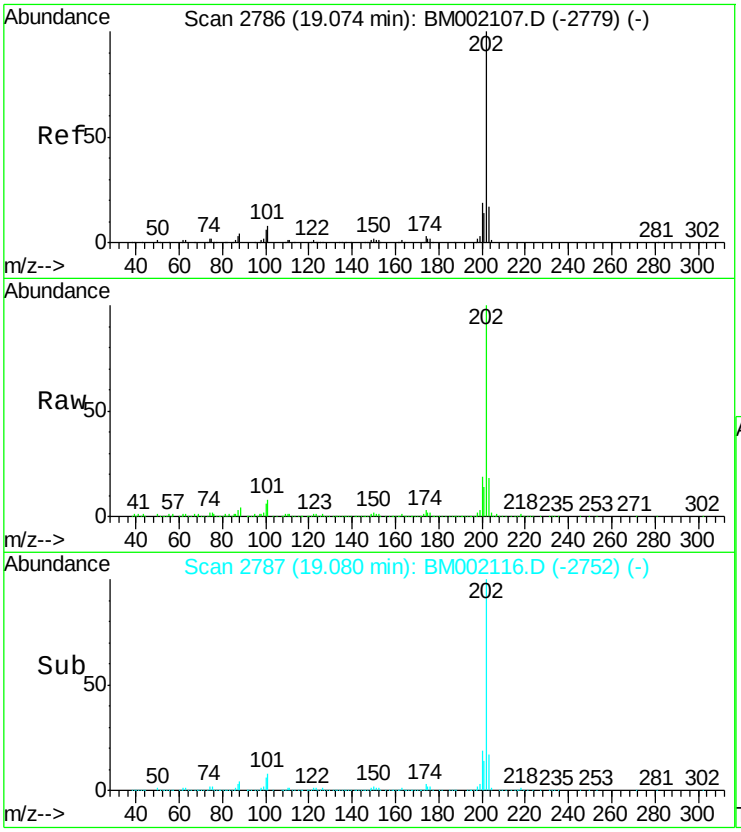


#76
Di-n-butylphthalate
Concen: 3.14 ng/ul
RT: 17.98 min Scan# 2600
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:149 Resp: 61924

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.0	10.4
104	5.5	4.2	6.2



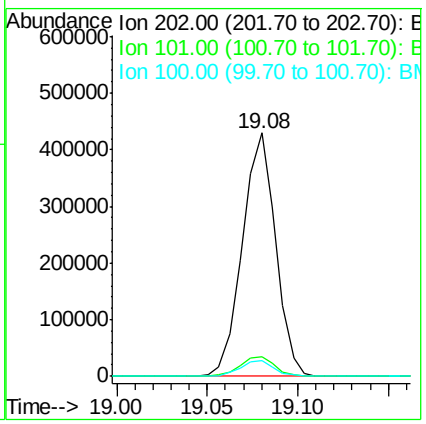


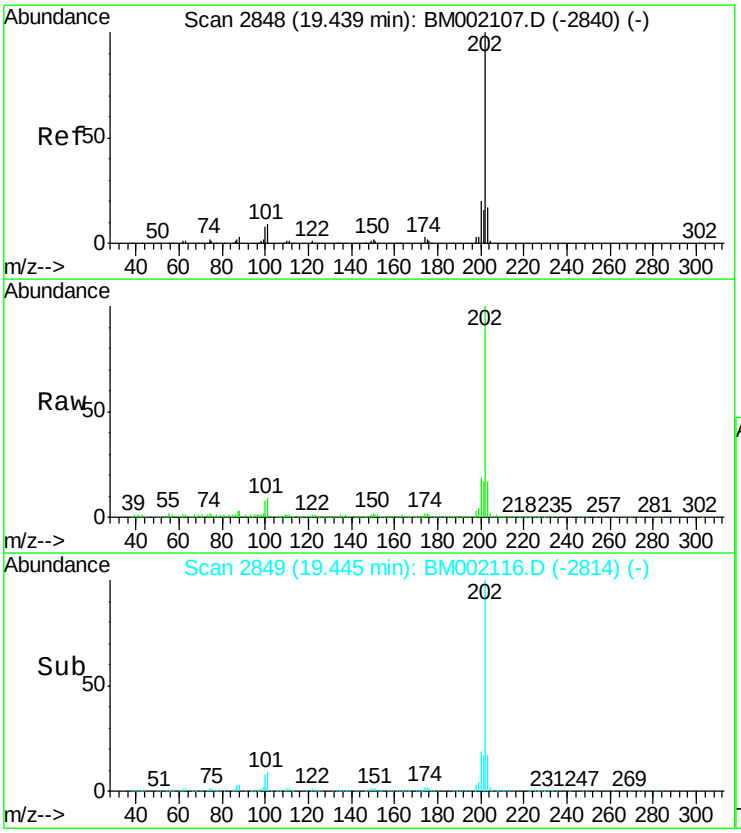
#77
Fluoranthene
Concen: 24.96 ng/ul
RT: 19.08 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:202 Resp: 546203

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.2	9.4
100	6.3	5.2	7.8

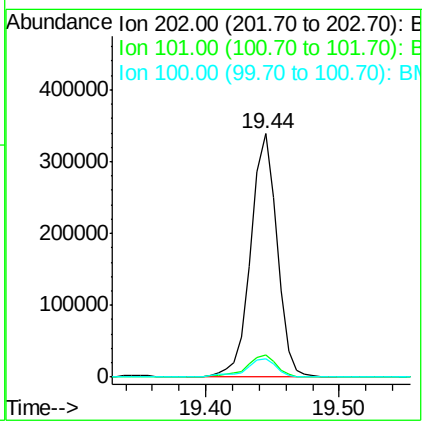


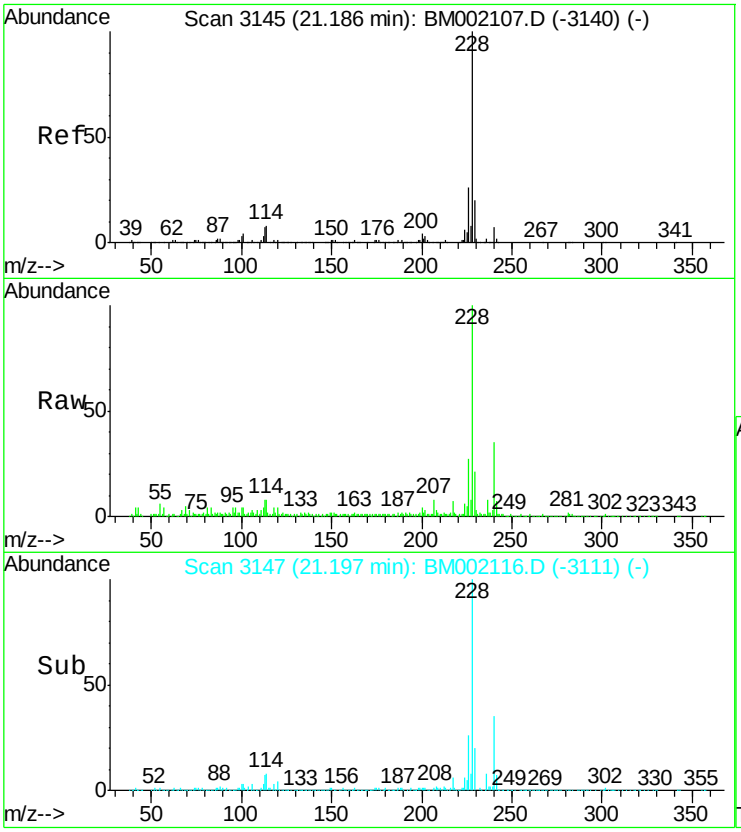


#80
Pyrene
Concen: 20.18 ng/ul
RT: 19.44 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:202 Resp: 455955

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	7.6	6.3	9.5



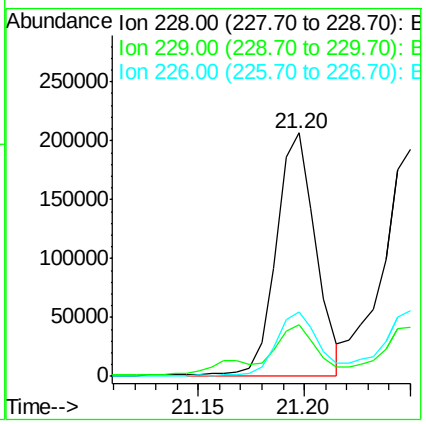


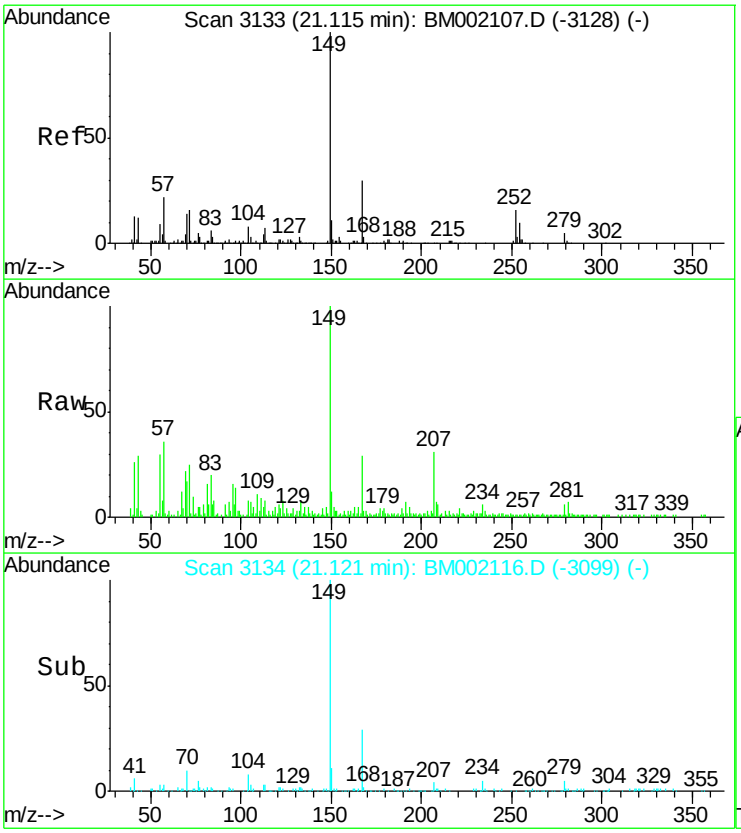
#83
Benzo(a)anthracene
Concen: 11.61 ng/ul
RT: 21.20 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:228 Resp: 267281

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.2
226	26.5	20.5	30.7

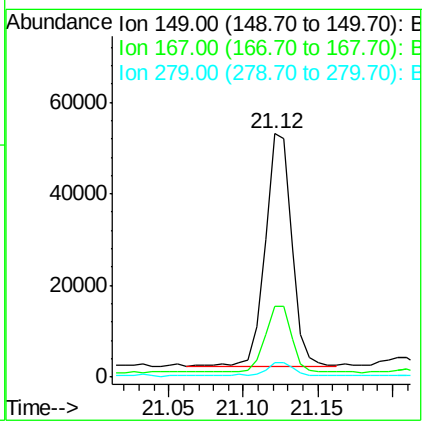


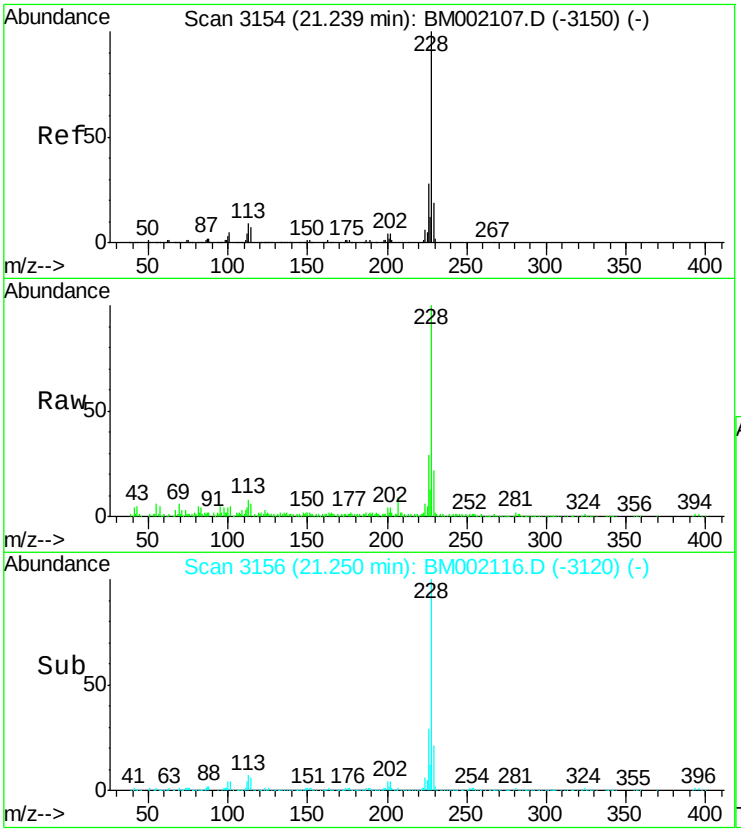


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.68 ng/ul
RT: 21.12 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:149 Resp: 61880

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.6	35.4
279	5.7	4.2	6.4



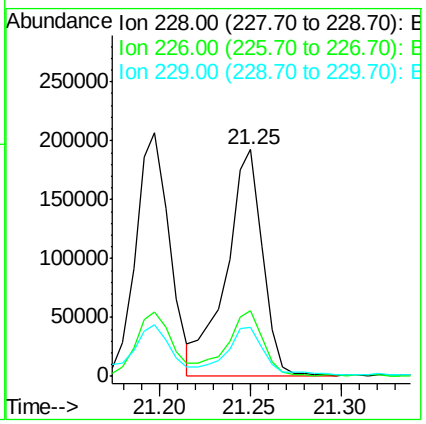


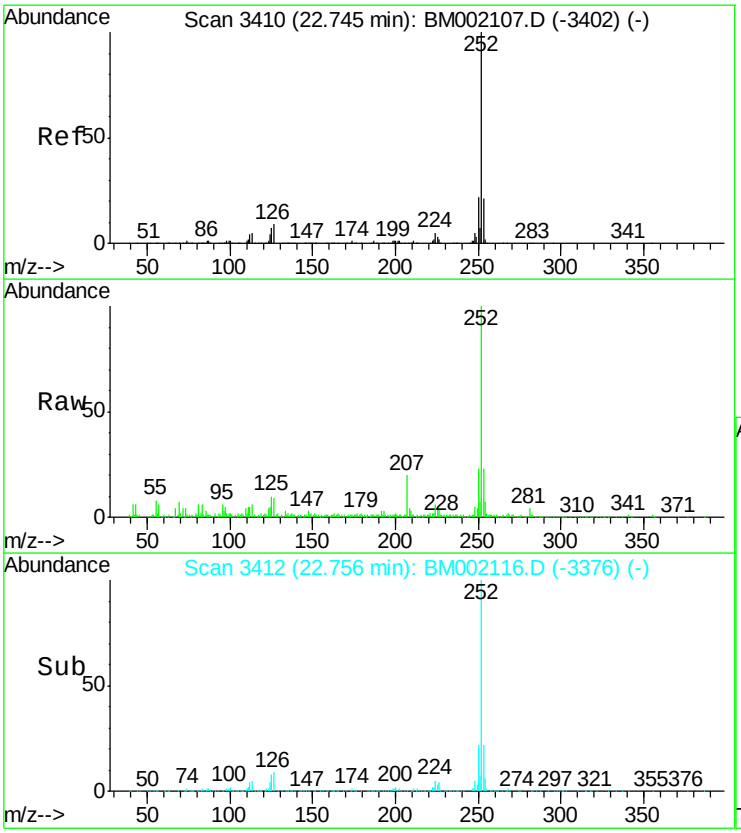
#85
Chrysene
Concen: 12.36 ng/ul
RT: 21.25 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:228 Resp: 266064

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	21.8	15.5	23.3

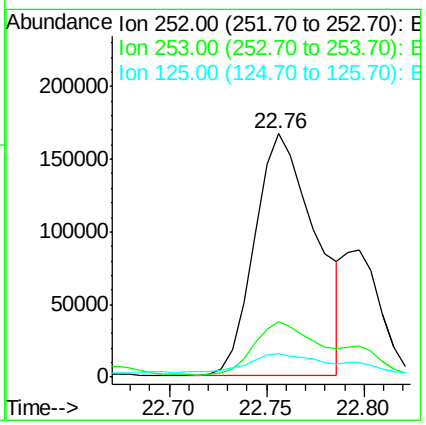


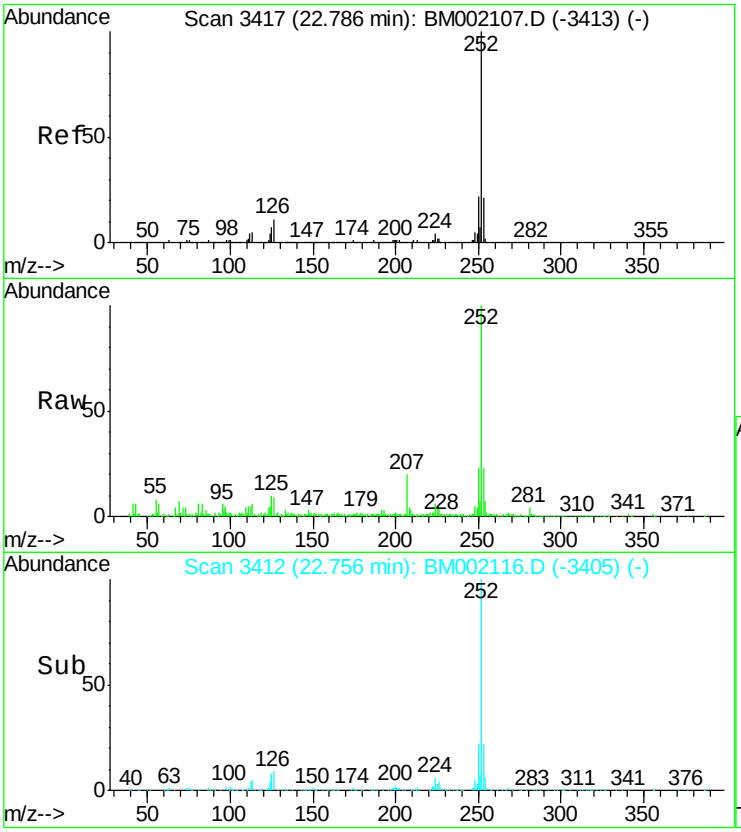


#88
Benzo(b)fluoranthene
Concen: 15.32 ng/ul
RT: 22.76 min Scan# 3412
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:252 Resp: 362481

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.9	25.3
125	9.9	6.2	9.2#



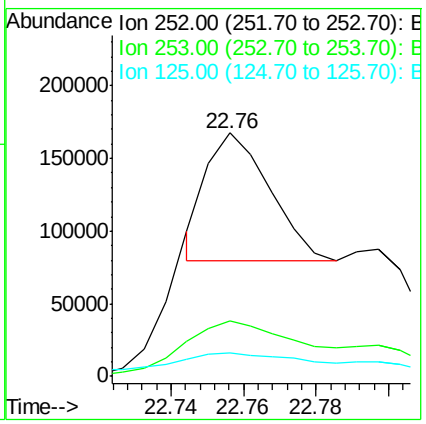


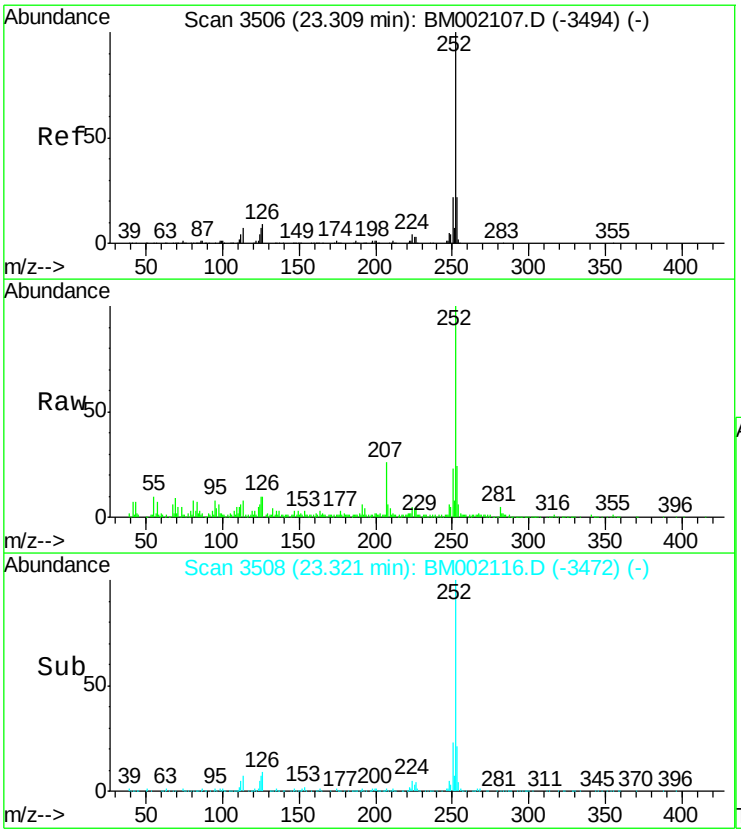
#89
Benzo(k)fluoranthene
Concen: 4.65 ng/ul
RT: 22.76 min Scan# 3412
Delta R.T. -0.03 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:252 Resp: 106199

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	9.9	6.2	9.4#

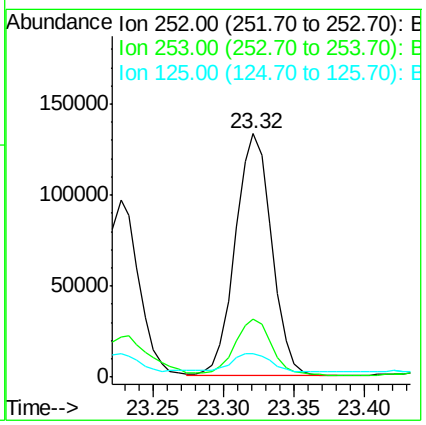


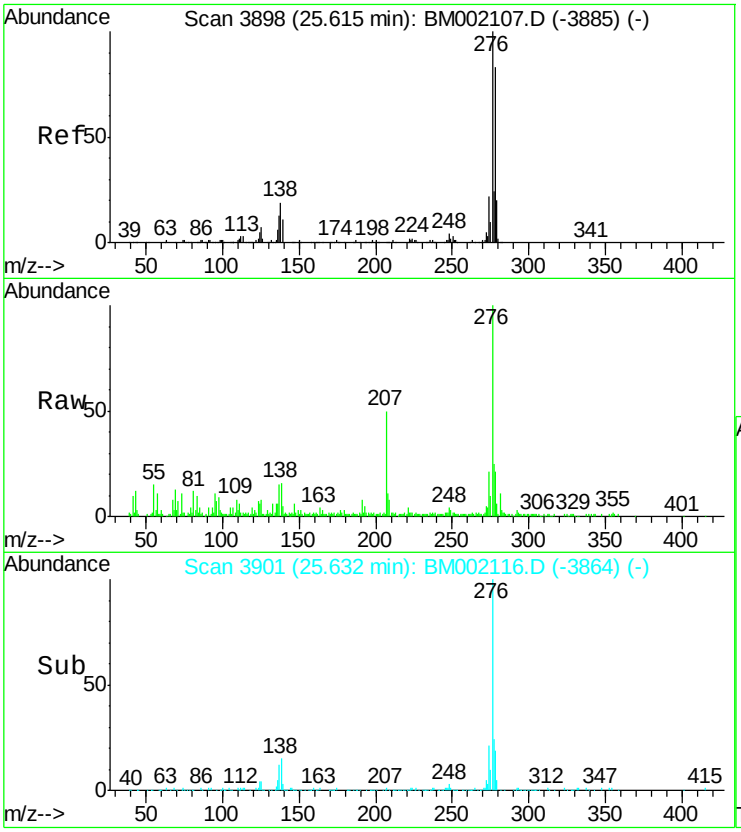


#91
Benzo(a)pyrene
Concen: 10.44 ng/ul
RT: 23.32 min Scan# 3508
Delta R.T. 0.01 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:252 Resp: 238406

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	9.8	6.6	10.0



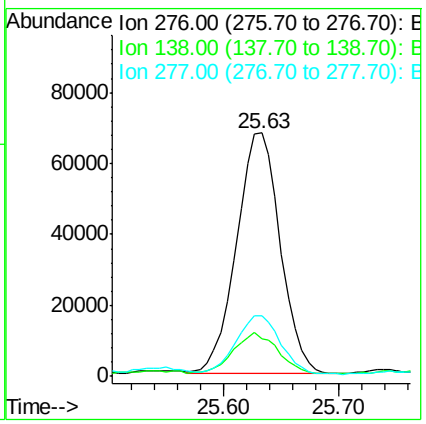


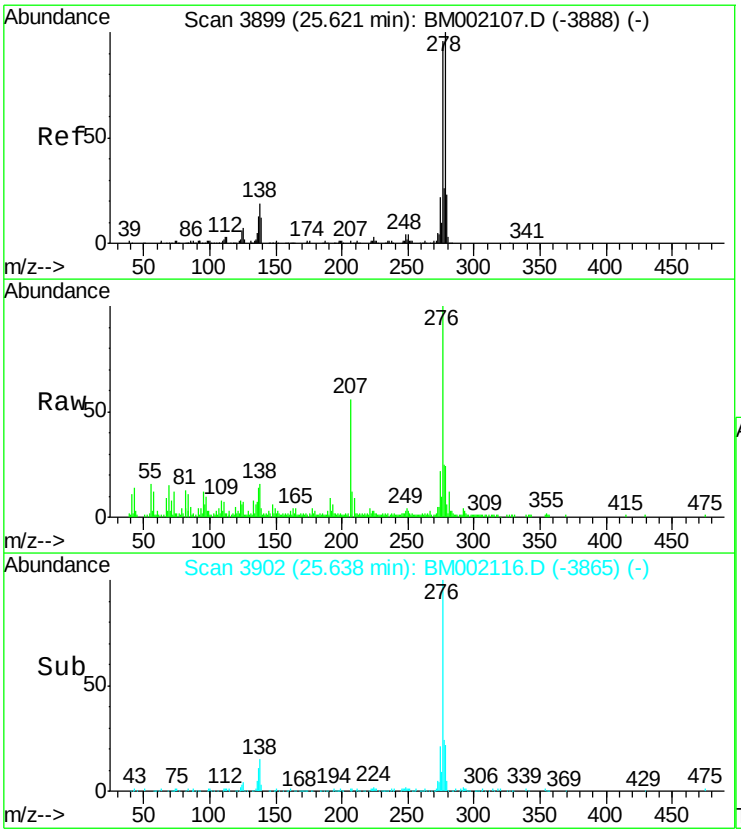
#92
Indeno(1,2,3-cd)pyrene
Concen: 6.81 ng/ul
RT: 25.63 min Scan# 3901
Delta R.T. 0.02 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:276 Resp: 179292

Ion	Ratio	Lower	Upper
276	100		
138	15.6	16.2	24.2#
277	25.1	19.8	29.8

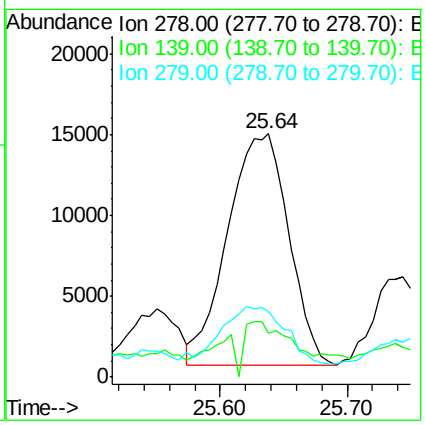


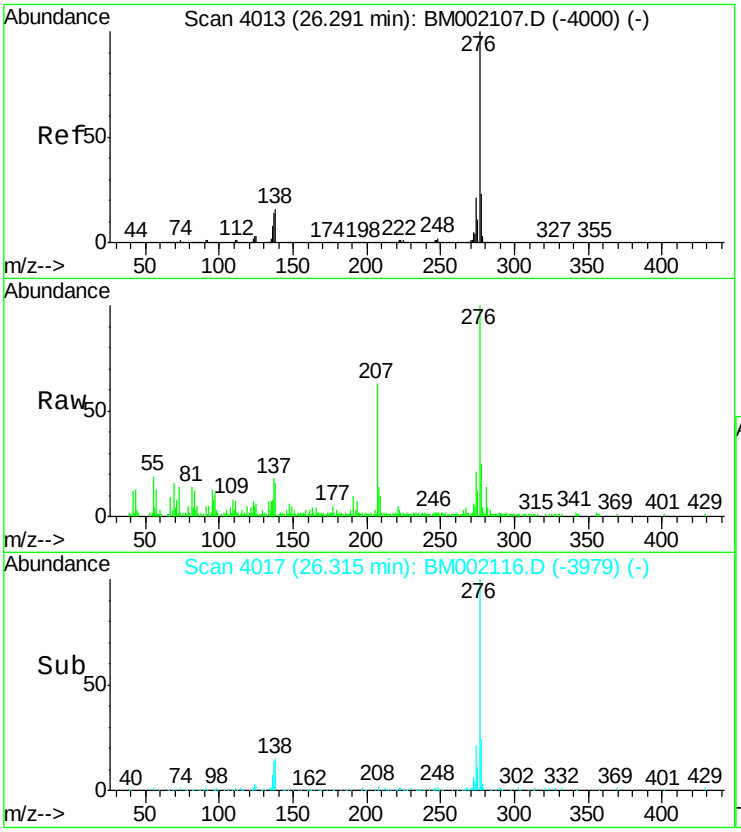


#93
Dibenzo(a,h)anthracene
Concen: 2.12 ng/ul
RT: 25.64 min Scan# 3902
Delta R.T. 0.02 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Tgt Ion:278 Resp: 47849

Ion	Ratio	Lower	Upper
278	100		
139	17.9	10.6	16.0#
279	26.8	18.5	27.7





#94
Benzo(g,h,i)perylene
Concen: 7.22 ng/ul
RT: 26.31 min Scan# 4017
Delta R.T. 0.02 min
Lab File: BM002116.D
Acq: 29 Jul 2015 05:17

Instrument :
BNA_M
ClientSampleId :
C02E7

Tgt Ion:276 Resp: 159389

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.8	20.6
277	24.9	18.2	27.2