Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081015\
Data File : BM002316.D
Acq On : 10 Aug 2015 17:14
Operator : UM/IZ
Sample : G3065-21DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G6DL

Quant Time: Aug 11 01:35:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:34:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	148646	20.00	ng/ul	0.00
18) Naphthalene-d8	11.77	136	675734	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.49	164	322057	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.19	188	572110	20.00	ng/ul	0.00
78) Chrysene-d12	22.29	240	382871	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	372700	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.92	96	2830	0.88	ng/uL	0.00
5) Phenol-d5	7.99	99	88158	6.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.19	67	50508	6.36	ng/ul	0.00
9) 2-Chlorophenol-d4	8.41	132	76280	6.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.59	113	73361	6.37	ng/ul	0.00
19) Nitrobenzene-d5	10.09	128	37288	7.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.83	143	35269	7.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.37	165	69319	7.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.89	131	28681	2.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.86	166	201726	7.61	ng/ul	0.00
47) Acenaphthylene-d8	15.19	160	268329	8.04	ng/ul	0.00
52) 4-Nitrophenol-d4	15.62	143	21866	4.57	ng/ul	0.00
58) Fluorene-d10	16.46	176	174013	7.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.55	200	5904	2.63	ng/ul	0.00
71) Anthracene-d10	18.29	188	229703	8.27	ng/ul	0.00
79) Pyrene-d10	20.51	212	182738	9.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	177267	8.96	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.82	128	879484	24.72	ng/ul	99
34) 2-Methylnaphthalene	13.37	142	621421	24.45	ng/ul	98
35) 1-Methylnaphthalene	13.58	142	617951	24.67	ng/ul	98
41) 1,1'-Biphenyl	14.33	154	132486	4.86	ng/ul	98
45) Dimethylphthalate	14.90	163	131786	4.87	ng/ul	100
48) Acenaphthylene	15.22	152	507896	14.66	ng/ul	98
50) Acenaphthene	15.55	153	96879	4.16	ng/ul	91
54) Dibenzofuran	15.87	168	84180	2.71	ng/ul	99
55) 2,4-Dinitrotoluene	15.81	165	9185	1.28	ng/ul#	69
59) Fluorene	16.51	166	373300	14.23	ng/ul#	97
65) N-Nitrosodiphenylamine	16.69	169	19615	1.05	ng/ul#	67
70) Phenanthrene	18.24	178	2198325	66.76	ng/ul	100
72) Anthracene	18.33	178	314841	9.26	ng/ul	98
75) Carbazole	18.57	167	42321	1.38	ng/ul#	93
76) Di-n-butylphthalate	19.07	149	84984	2.06	ng/ul#	90
77) Fluoranthene	20.19	202	1107733	31.79	ng/ul	99
80) Pyrene	20.54	202	1211454	48.94	ng/ul	99
81) Butylbenzylphthalate	21.36	149	67260	5.50	ng/ul	94
83) Benzo(a)anthracene	22.27	228	573054	24.52	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	22.12	149	188242	10.64	ng/ul	98
85) Chrysene	22.27	228	568199	25.65	ng/ul	95
88) Benzo(b)fluoranthene	24.15	252	606510	26.18	ng/ul#	92
91) Benzo(a)pyrene	24.86	252	442040	19.94	ng/ul#	93

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081015\
Data File : BM002316.D
Acq On : 10 Aug 2015 17:14
Operator : UM/IZ
Sample : G3065-21DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02G6DL

Quant Time: Aug 11 01:35:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:34:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	27.83	276	317055	12.48	ng/ul	97
93) Dibenzo(a,h)anthracene	27.83	278	100691	4.68	ng/ul#	74
94) Benzo(g,h,i)perylene	28.72	276	310854	14.50	ng/ul	96

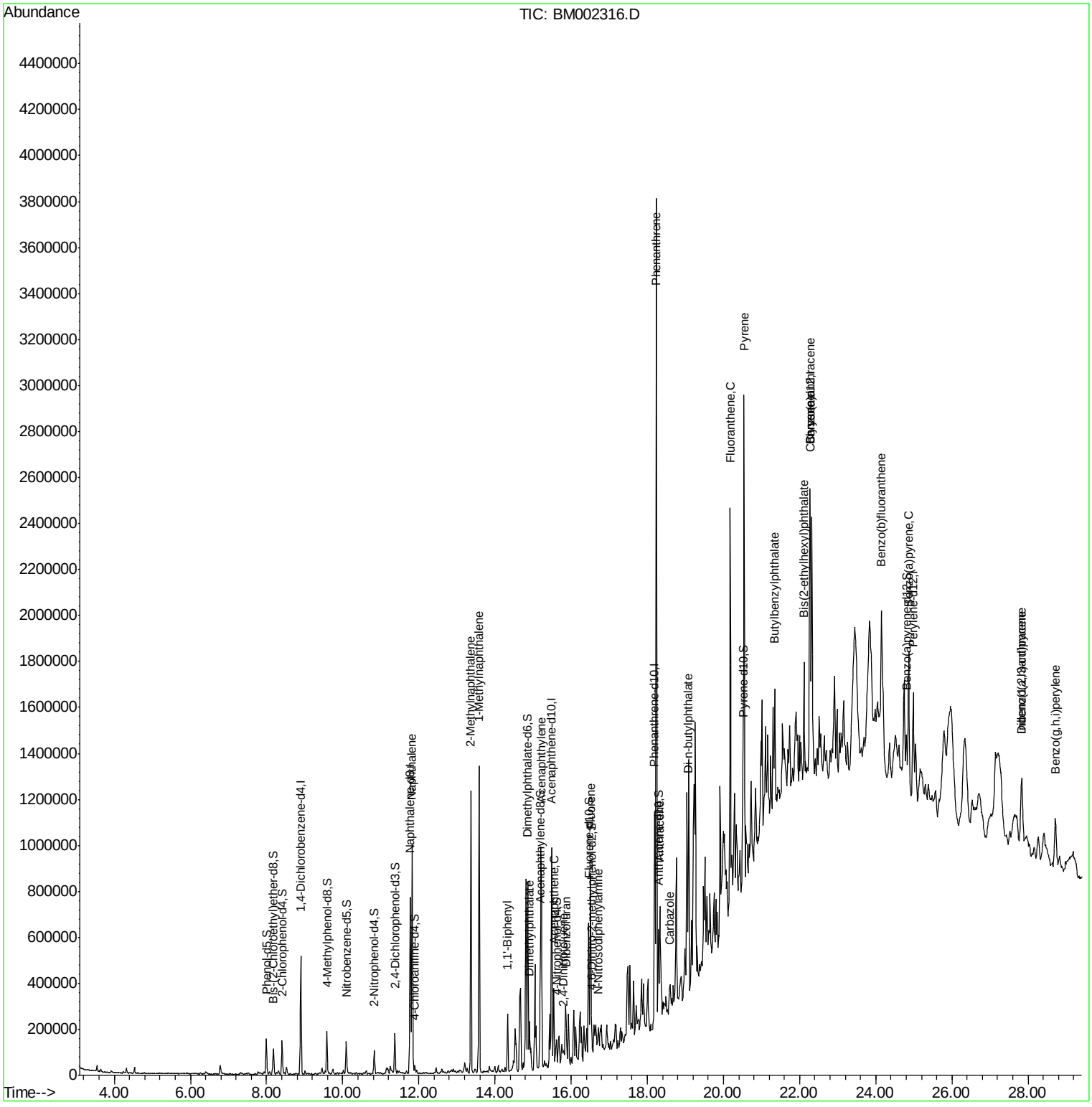
(#) = qualifier out of range (m) = manual integration (+) = signals summed

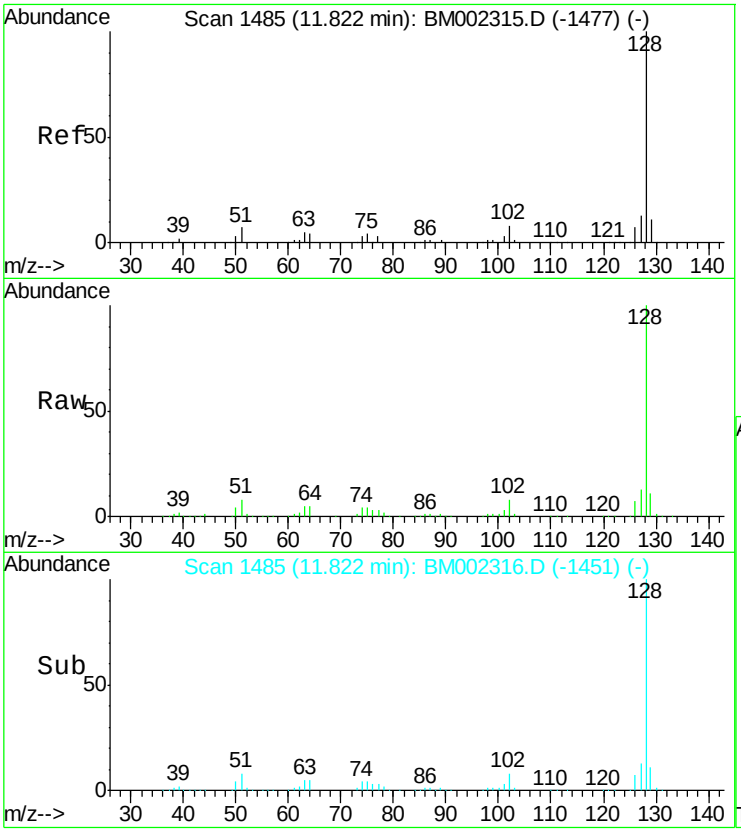
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081015\
Data File : BM002316.D
Acq On : 10 Aug 2015 17:14
Operator : UM/IZ
Sample : G3065-21DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Quant Time: Aug 11 01:35:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 11 01:34:33 2015
Response via : Initial Calibration



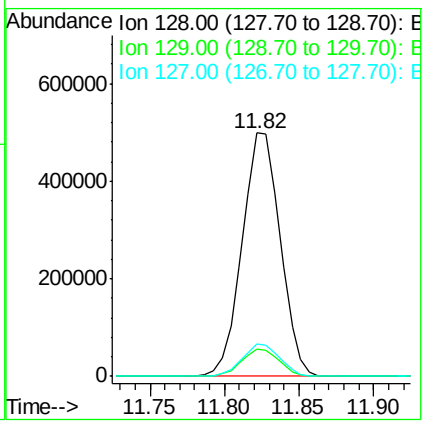


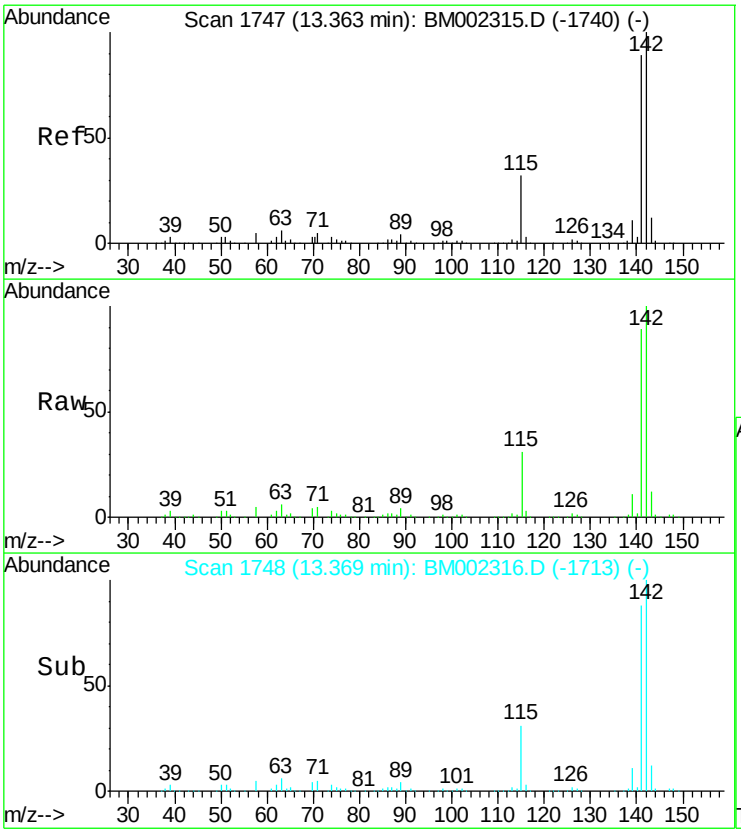
#28
Naphthalene
Concen: 24.72 ng/ul
RT: 11.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:128 Resp: 879484

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.2	10.4	15.6

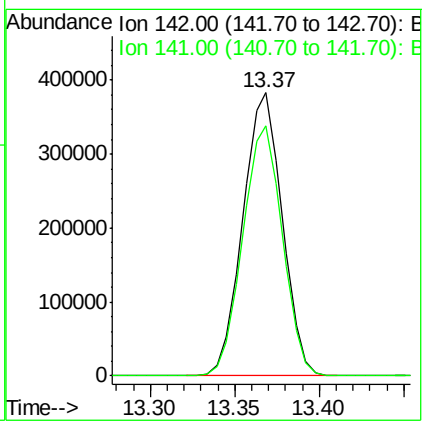


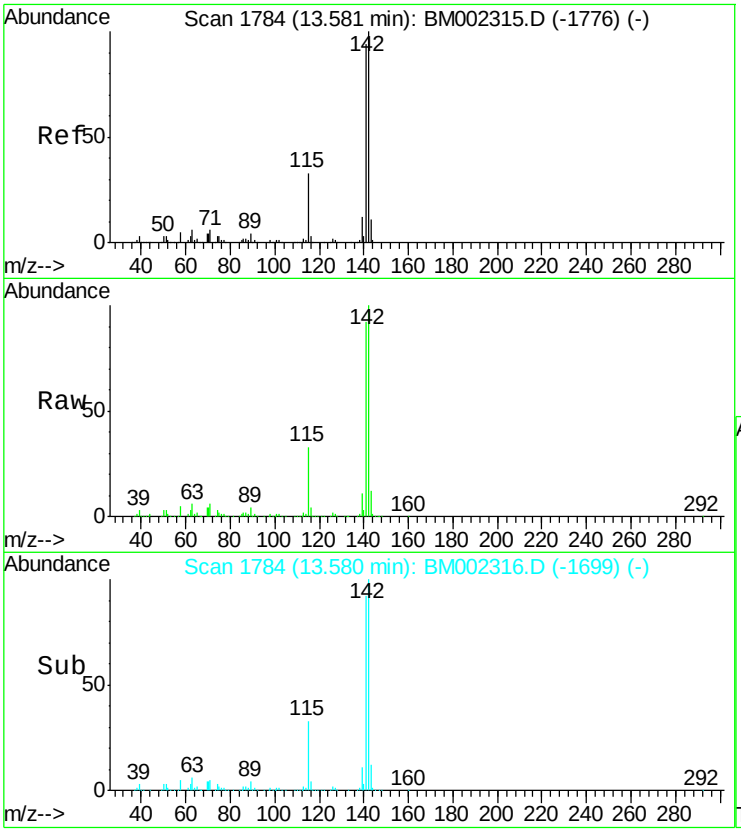


#34
2-Methylnaphthalene
Concen: 24.45 ng/ul
RT: 13.37 min Scan# 1748
Delta R.T. 0.01 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:142 Resp: 621421

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.5	108.7



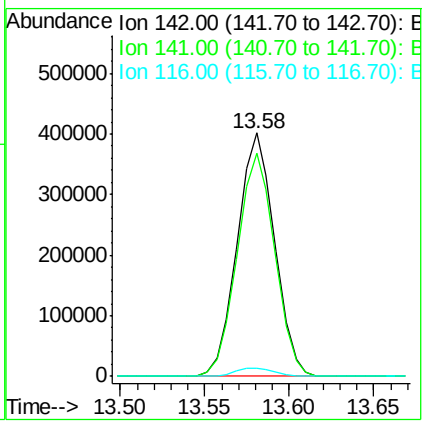


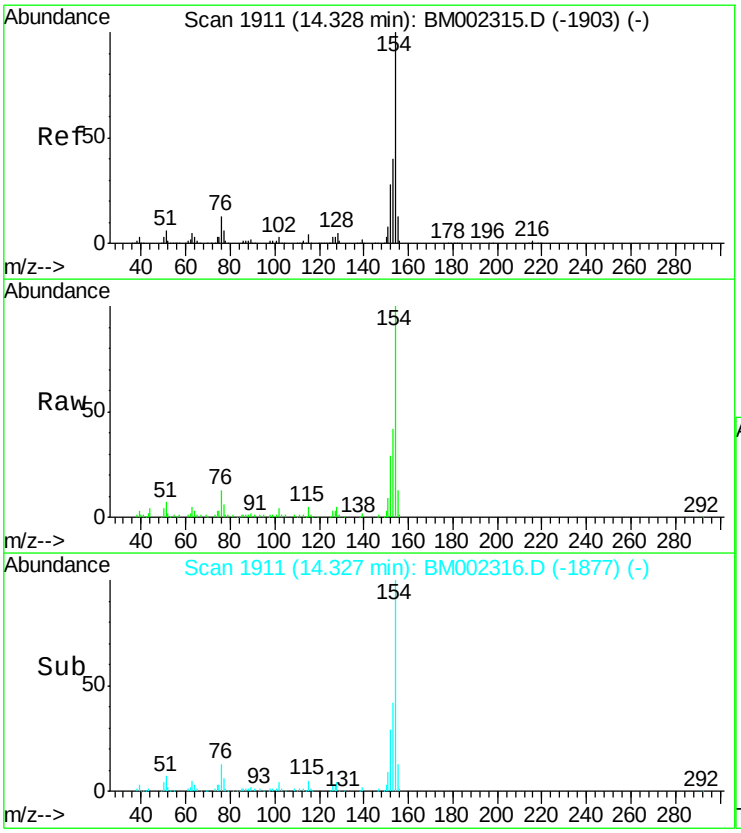
#35
1-Methylnaphthalene
Concen: 24.67 ng/ul
RT: 13.58 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:142 Resp: 617951

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.5	111.7
116	3.6	3.0	4.4

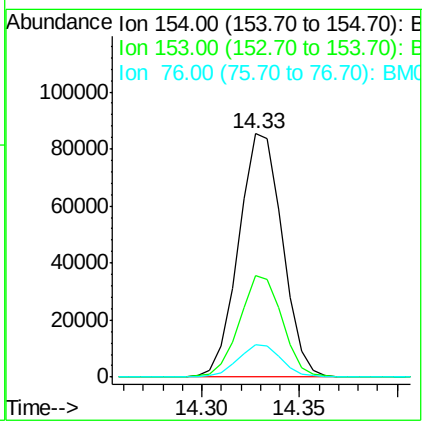


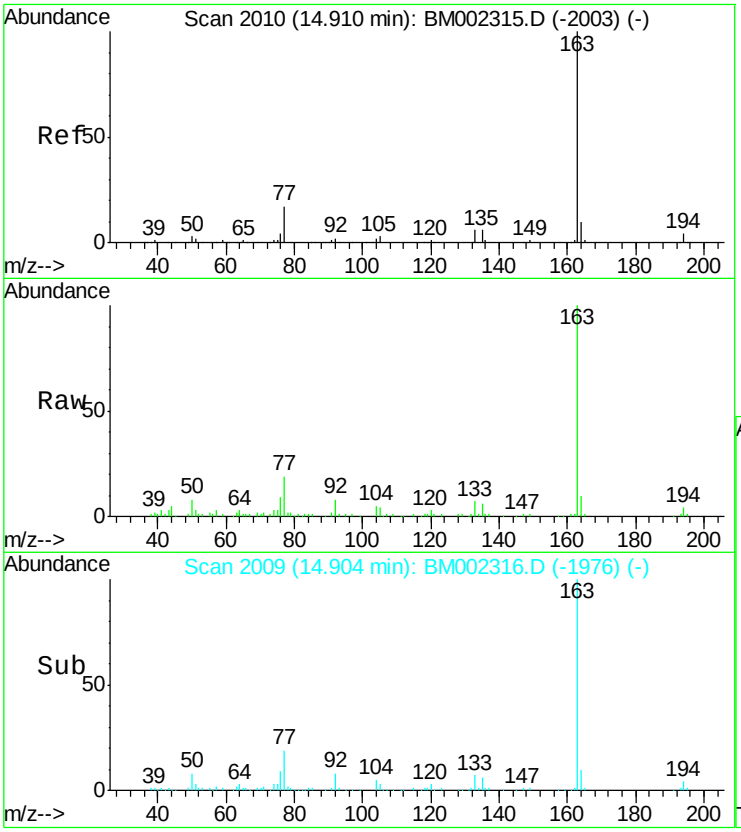


#41
1,1'-Biphenyl
Concen: 4.86 ng/ul
RT: 14.33 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:154 Resp: 132486

Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.1	48.1
76	13.2	11.0	16.4



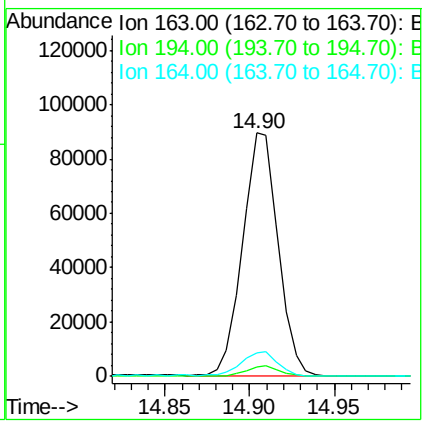


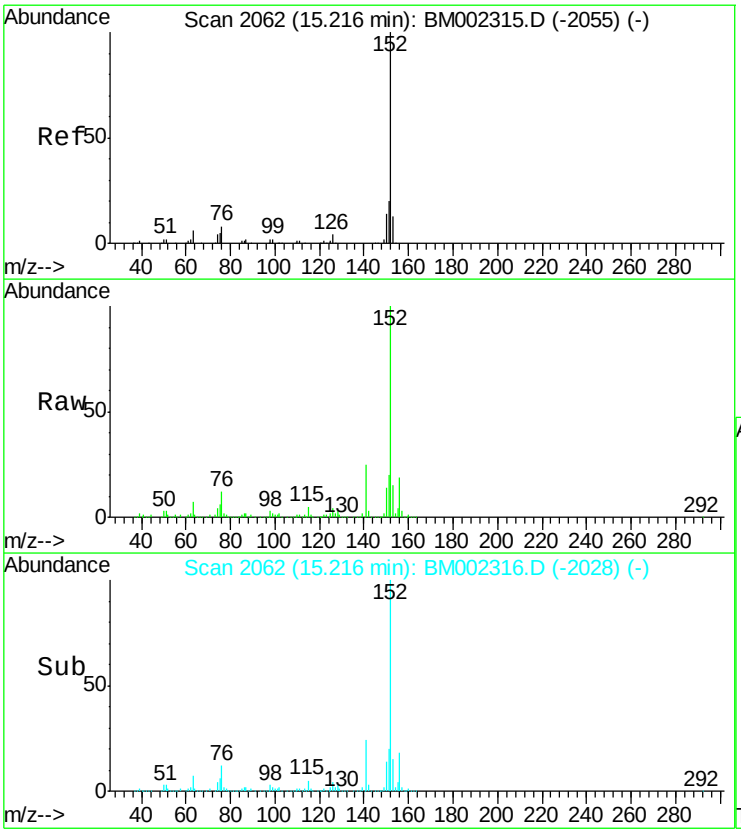
#45
Dimethylphthalate
Concen: 4.87 ng/ul
RT: 14.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:163 Resp: 131786

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.7	7.9	11.9

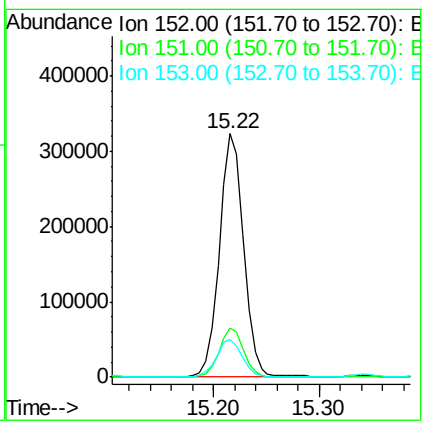


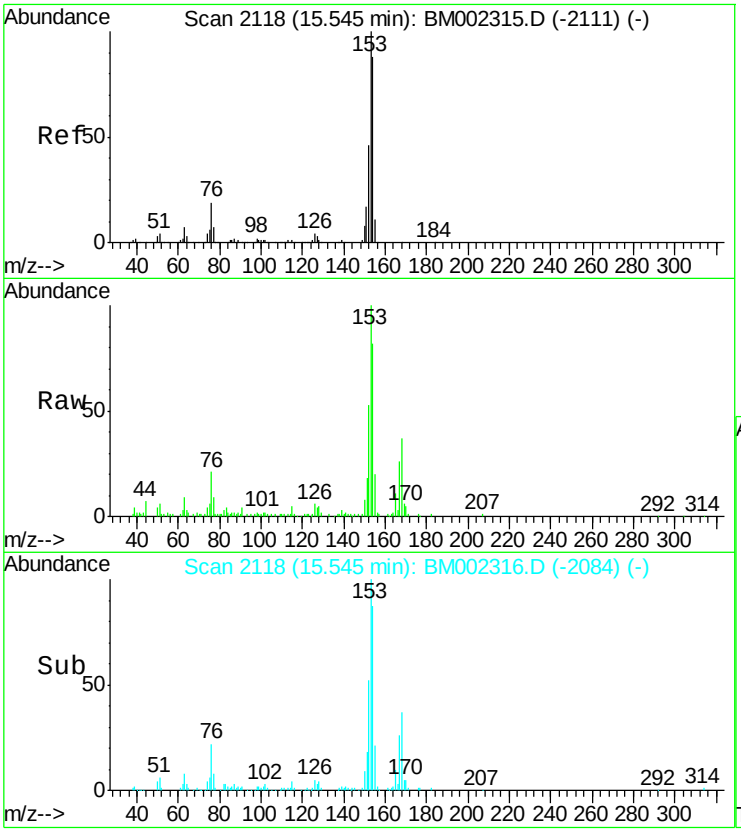


#48
Acenaphthylene
Concen: 14.66 ng/ul
RT: 15.22 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:152 Resp: 507896

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	15.3	10.6	15.8



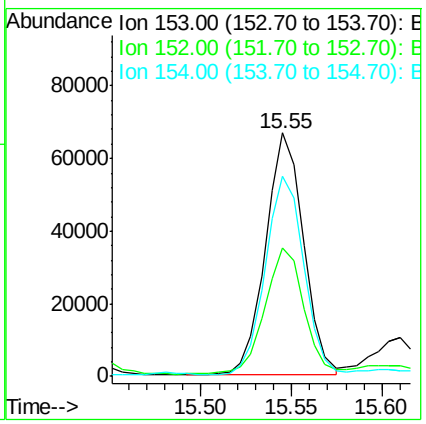


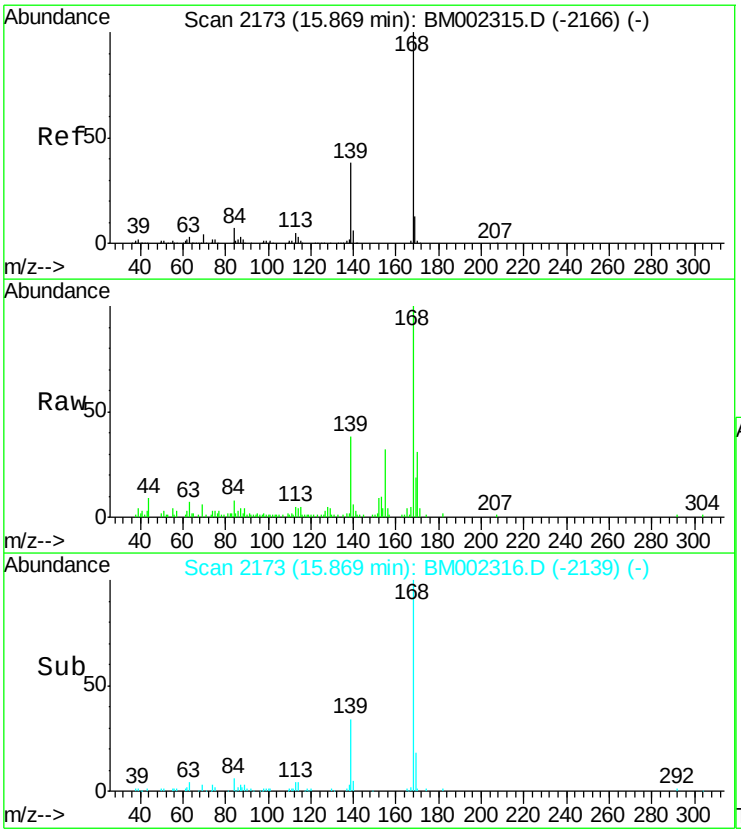
#50
Acenaphthene
Concen: 4.16 ng/ul
RT: 15.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:153 Resp: 96879

Ion	Ratio	Lower	Upper
153	100		
152	52.7	36.6	55.0
154	82.3	71.5	107.3

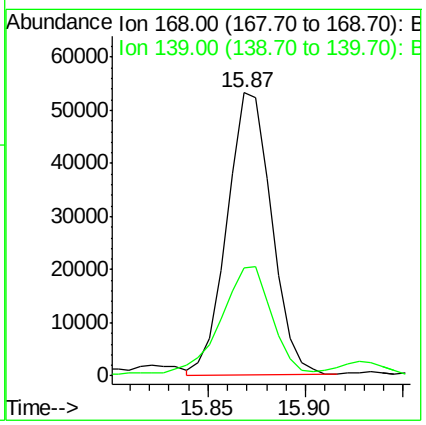


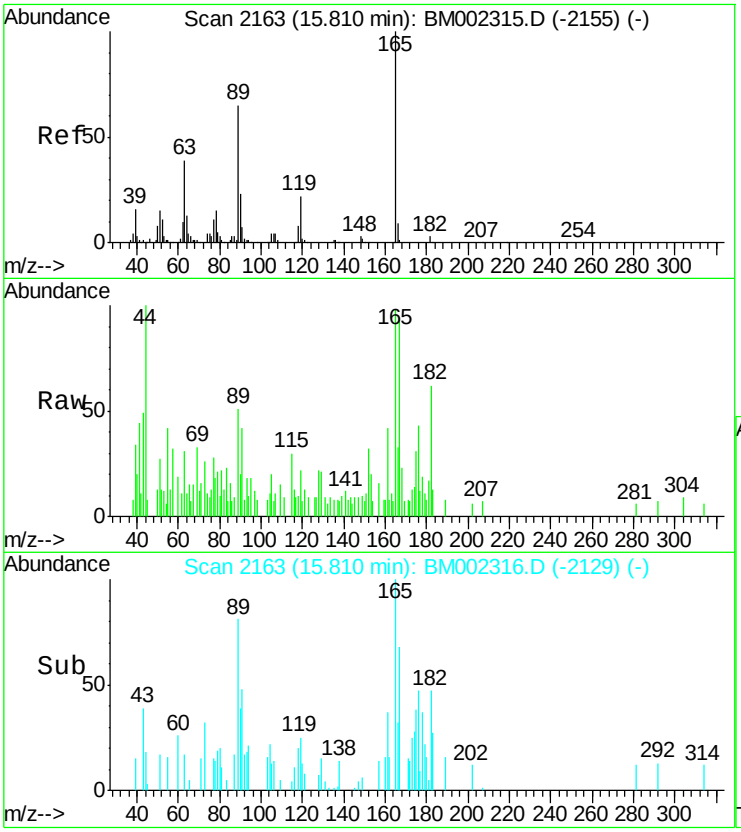


#54
Dibenzofuran
Concen: 2.71 ng/ul
RT: 15.87 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:168 Resp: 84180

Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.3	46.9



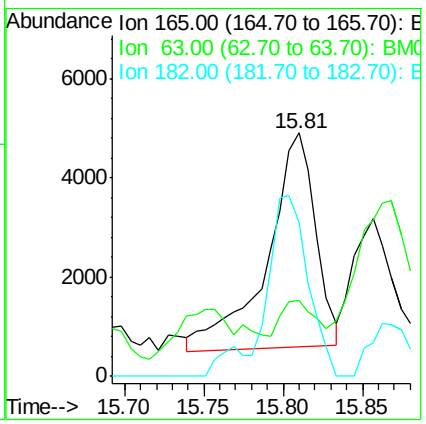


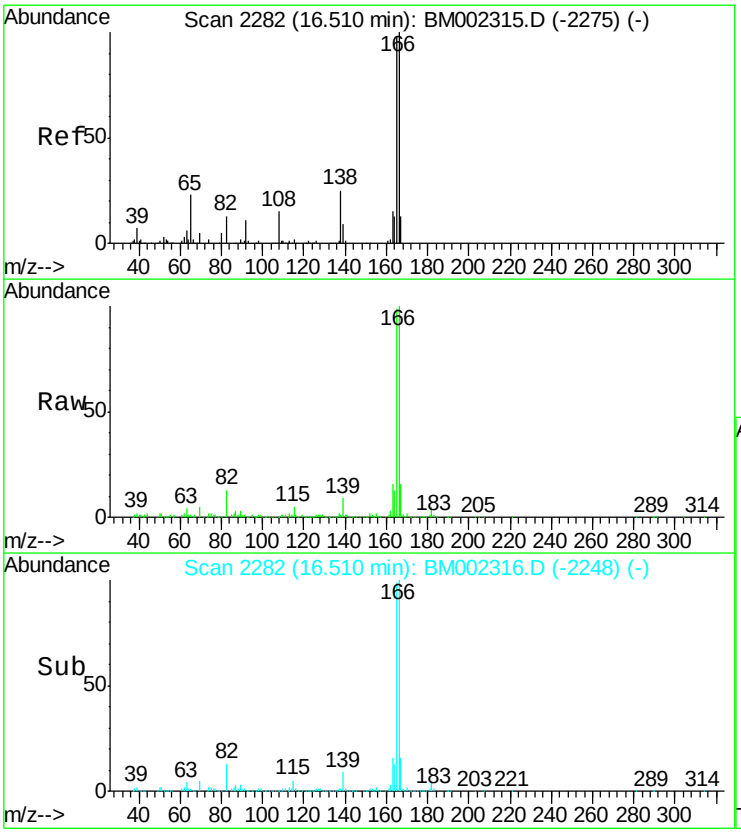
#55
2,4-Dinitrotoluene
Concen: 1.28 ng/ul
RT: 15.81 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:165 Resp: 9185

Ion	Ratio	Lower	Upper
165	100		
63	31.3	35.9	53.9#
182	63.5	2.5	3.7#

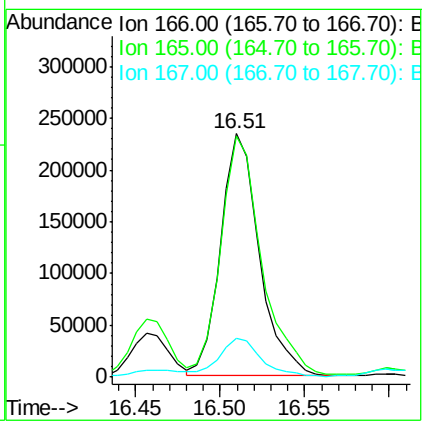


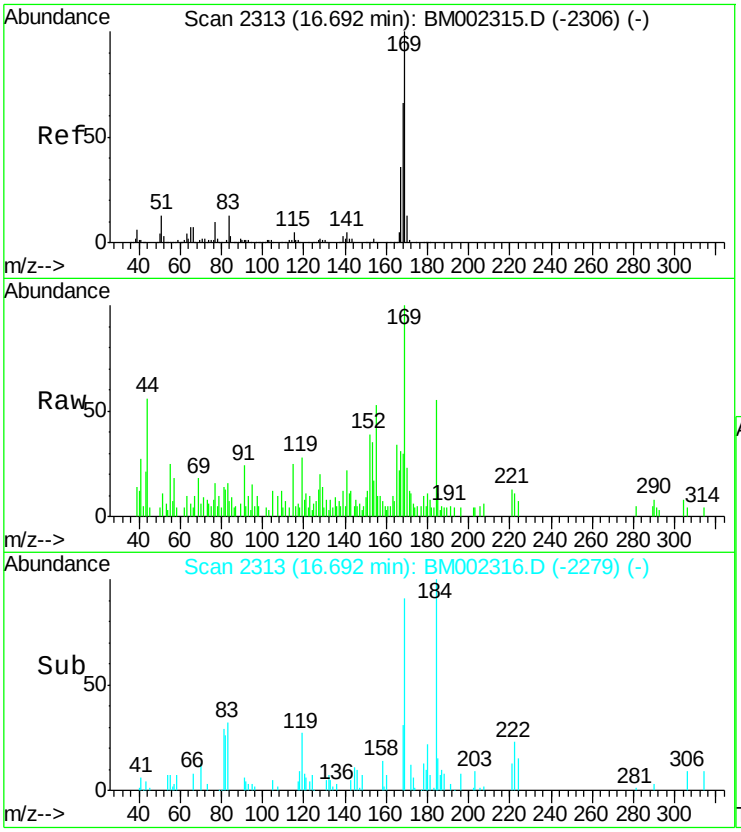


#59
Fluorene
Concen: 14.23 ng/ul
RT: 16.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:166 Resp: 373300

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.5	116.3
167	16.2	10.4	15.6#



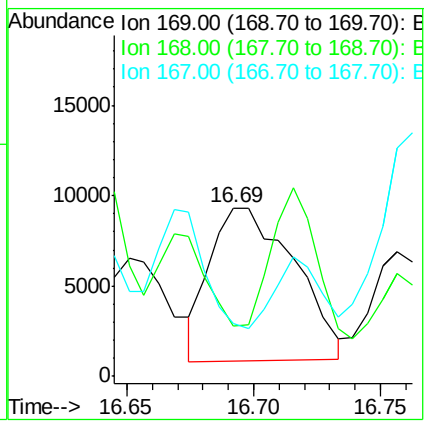


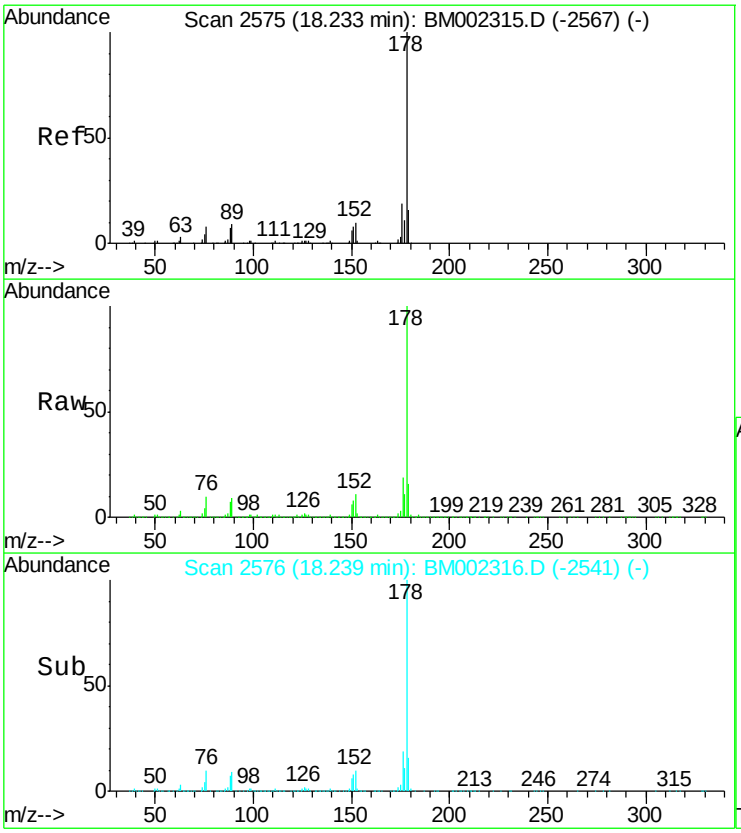
#65
N-Nitrosodiphenylamine
Concen: 1.05 ng/ul
RT: 16.69 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:169 Resp: 19615

Ion	Ratio	Lower	Upper
169	100		
168	29.6	53.4	80.2#
167	31.2	28.8	43.2

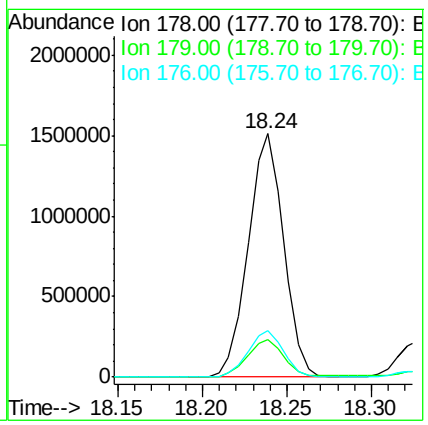


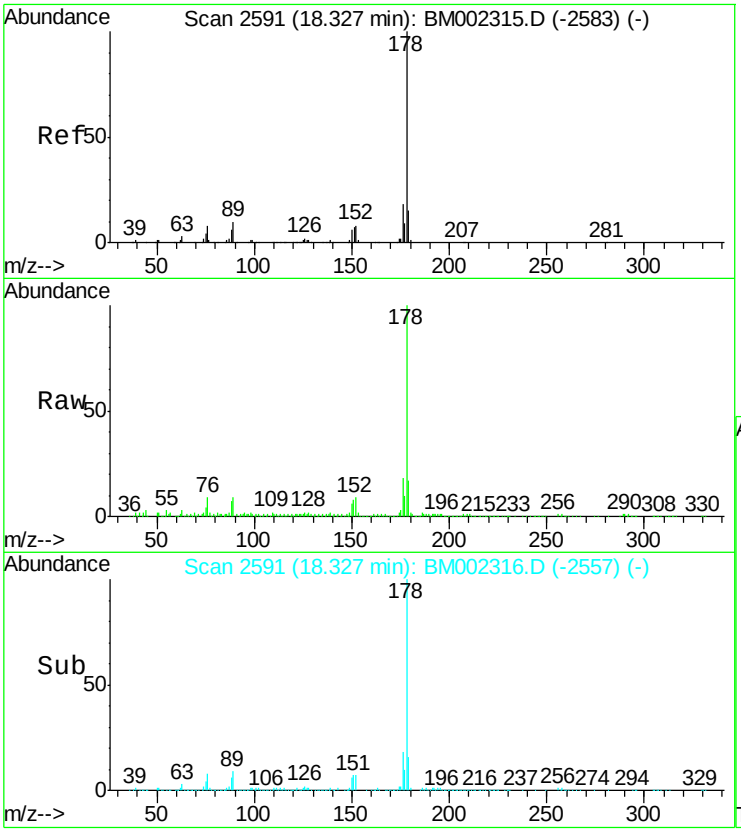


#70
Phenanthrene
Concen: 66.76 ng/ul
RT: 18.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:178 Resp: 2198325

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.2	15.3	22.9



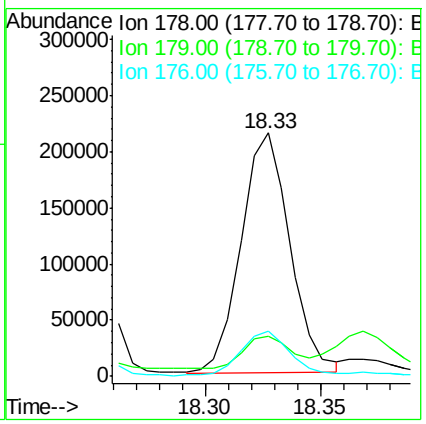


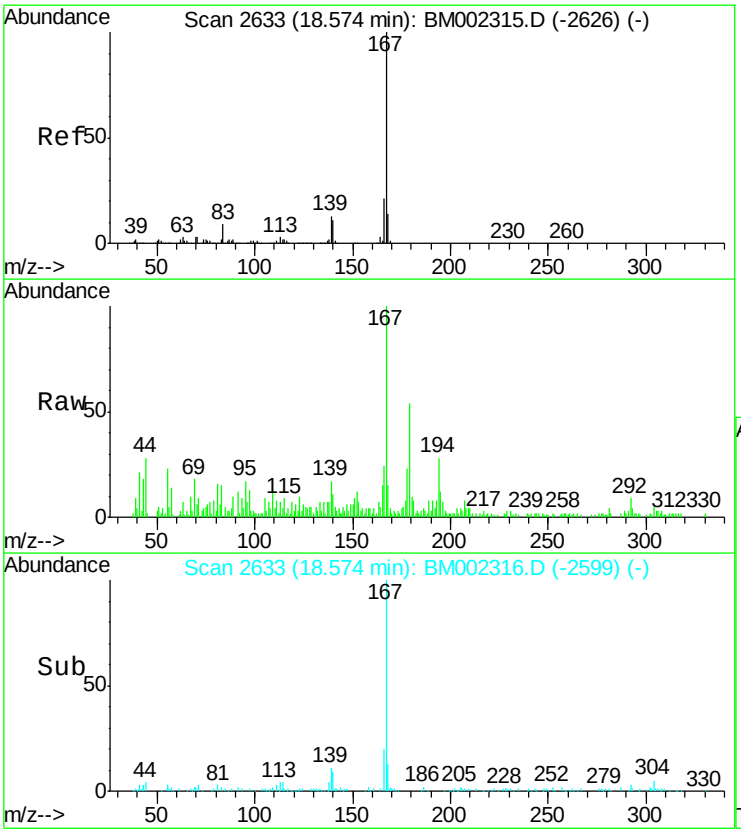
#72
Anthracene
Concen: 9.26 ng/ul
RT: 18.33 min Scan# 2591
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:178 Resp: 314841

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	18.4	14.5	21.7

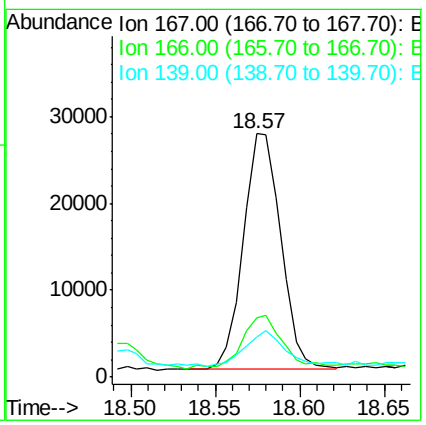


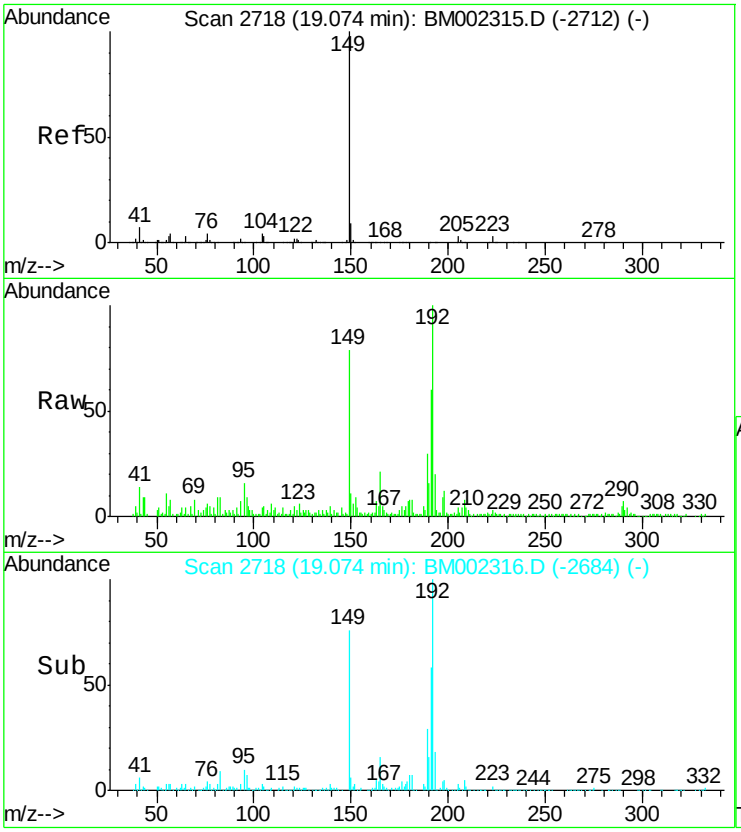


#75
Carbazole
Concen: 1.38 ng/ul
RT: 18.57 min Scan# 2633
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:167 Resp: 42321

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.0	25.6
139	16.6	10.8	16.2#



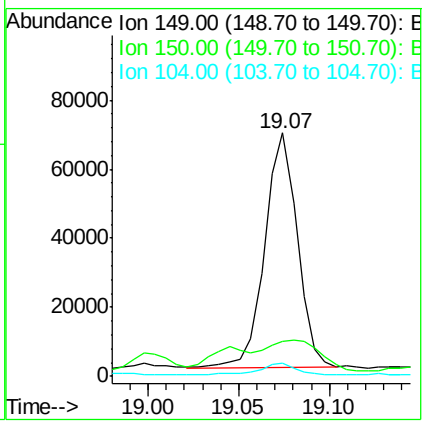


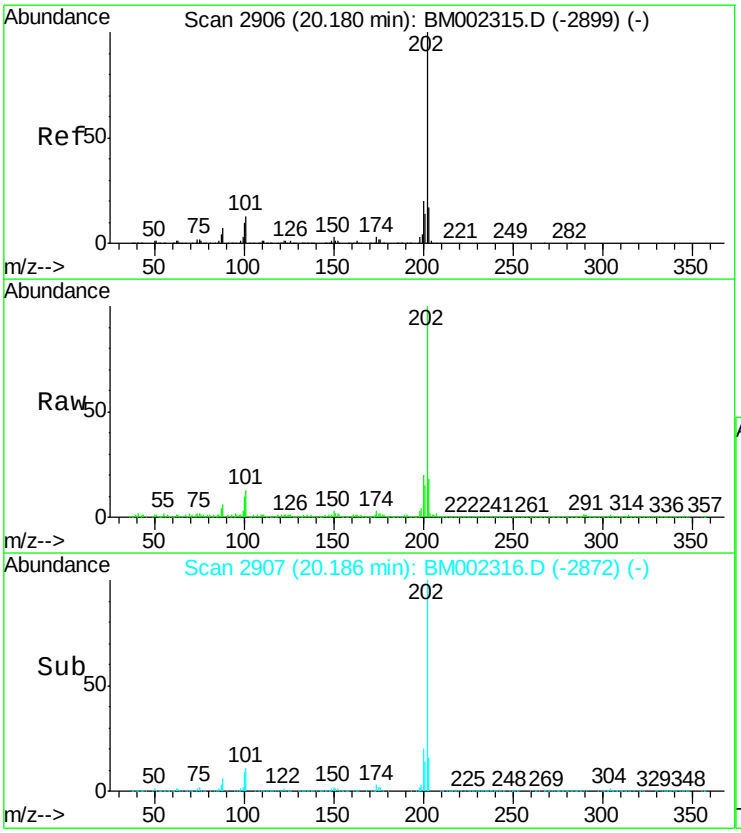
#76
Di-n-butylphthalate
Concen: 2.06 ng/ul
RT: 19.07 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:149 Resp: 84984

Ion	Ratio	Lower	Upper
149	100		
150	14.5	7.3	10.9#
104	5.3	3.8	5.6

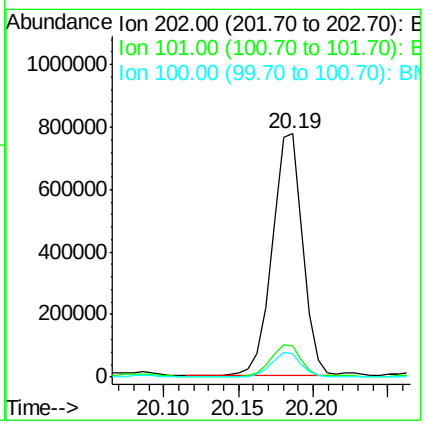


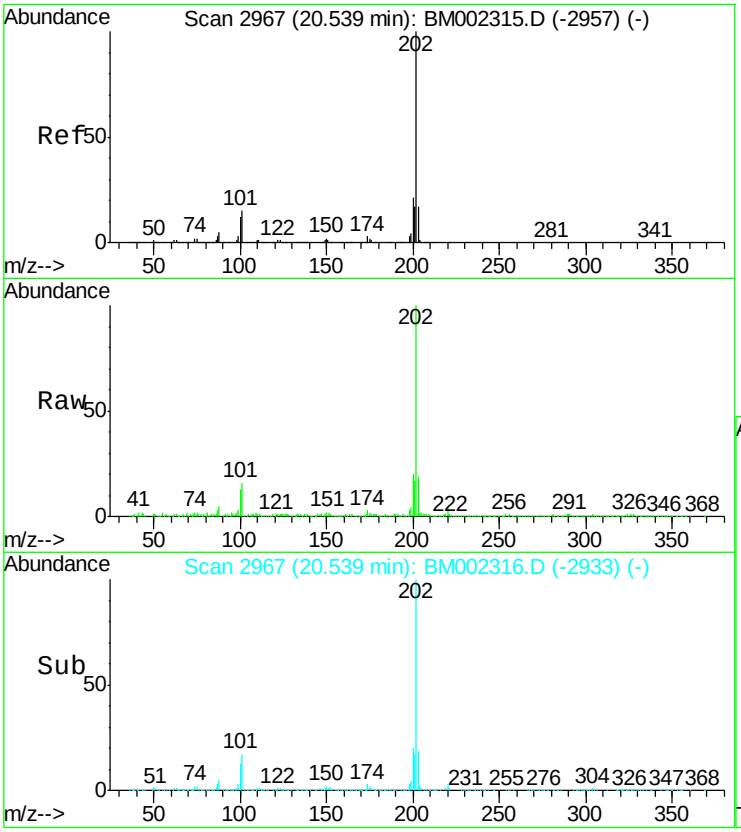


#77
Fluoranthene
Concen: 31.79 ng/ul
RT: 20.19 min Scan# 2907
Delta R.T. 0.01 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:202 Resp: 1107733

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.6	15.8
100	9.7	8.2	12.4



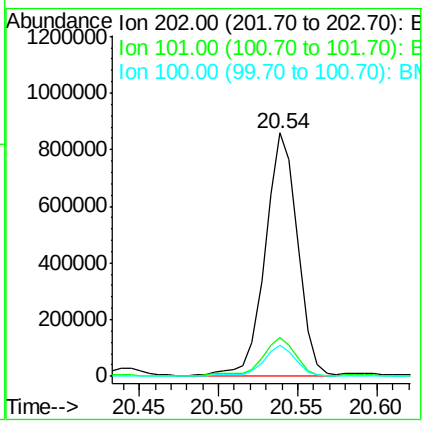


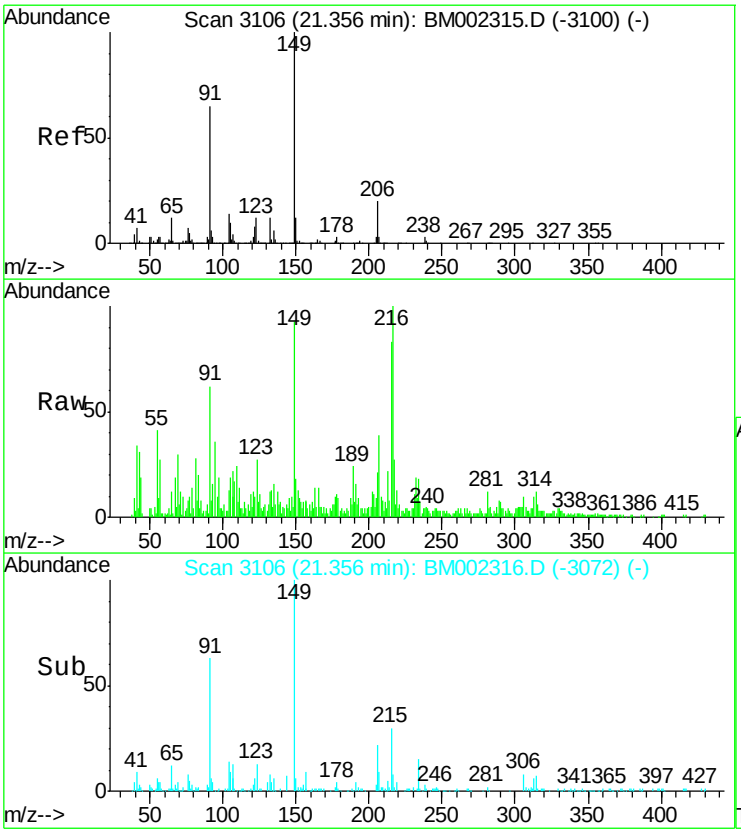
#80
Pyrene
Concen: 48.94 ng/ul
RT: 20.54 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:202 Resp: 1211454

Ion	Ratio	Lower	Upper
202	100		
101	16.2	13.0	19.6
100	12.8	11.0	16.4

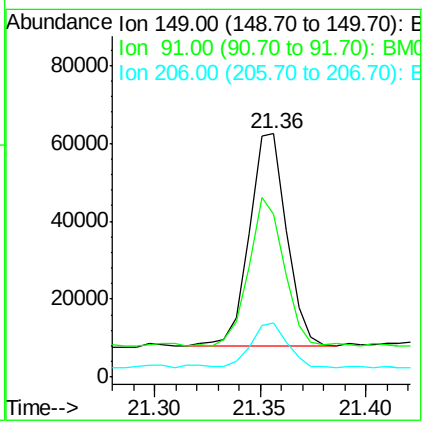


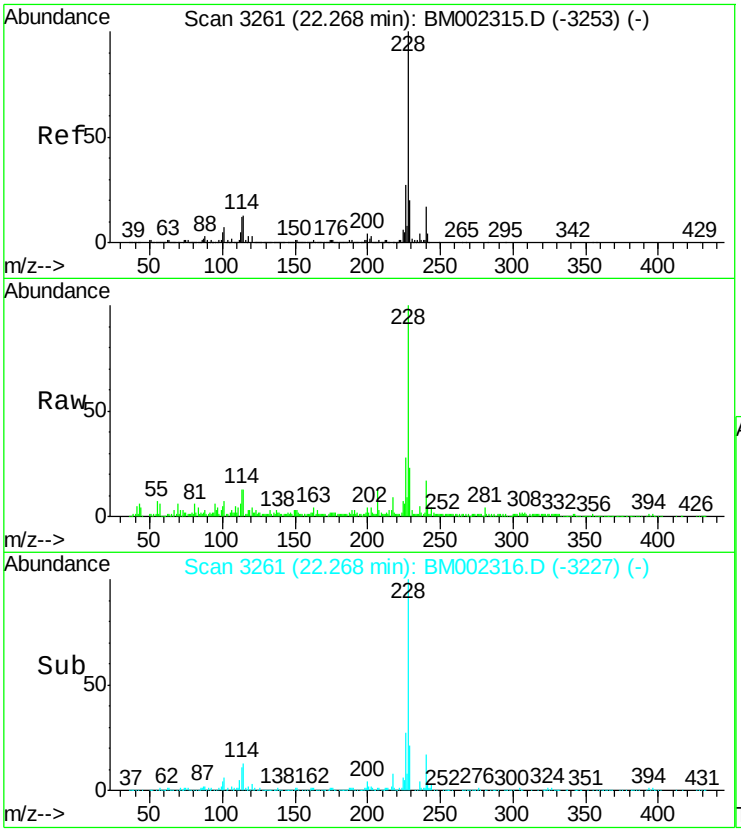


#81
Butylbenzylphthalate
Concen: 5.50 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:149 Resp: 67260

Ion	Ratio	Lower	Upper
149	100		
91	67.1	57.5	86.3
206	22.4	15.2	22.8



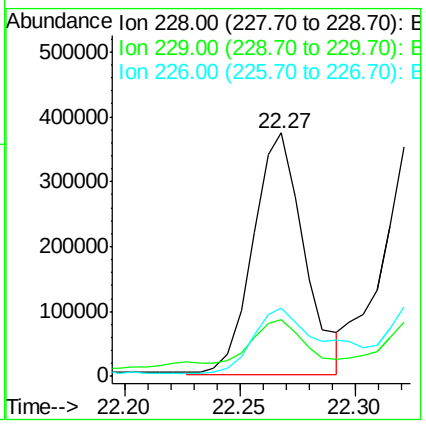


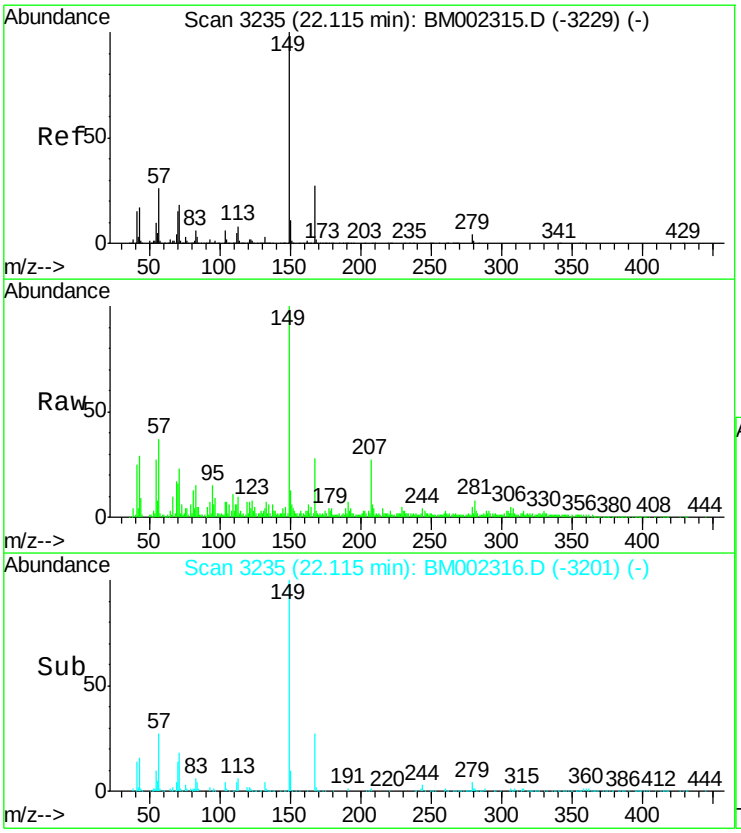
#83
Benzo(a)anthracene
Concen: 24.52 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:228 Resp: 573054

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.7	23.5
226	27.8	21.4	32.0

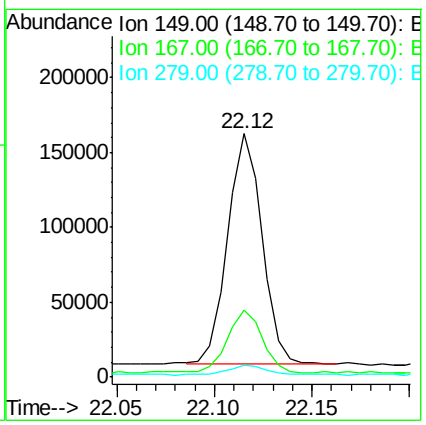


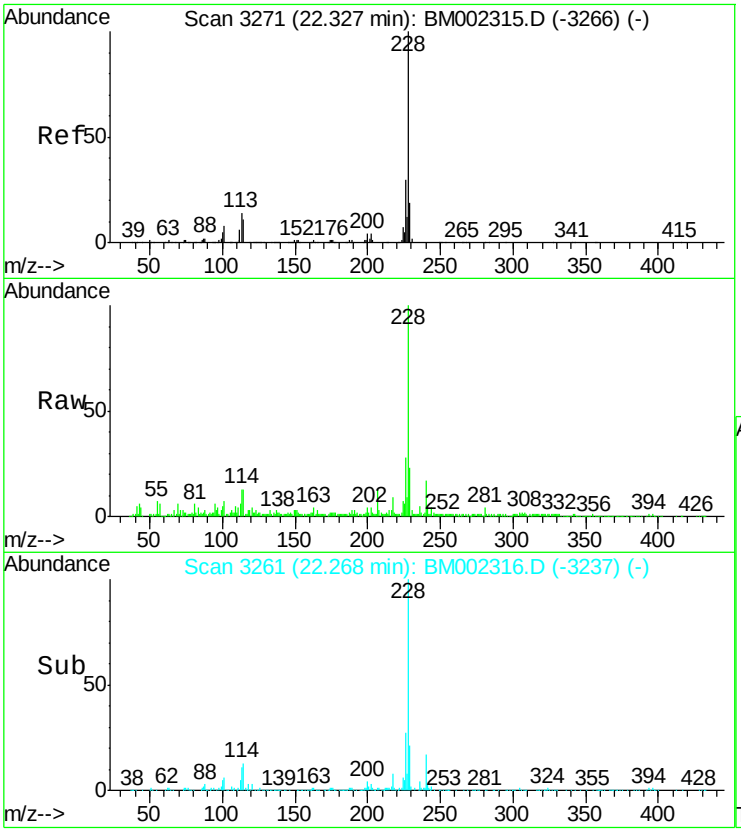


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.64 ng/ul
RT: 22.12 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:149 Resp: 188242

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.4	32.2
279	4.7	3.2	4.8



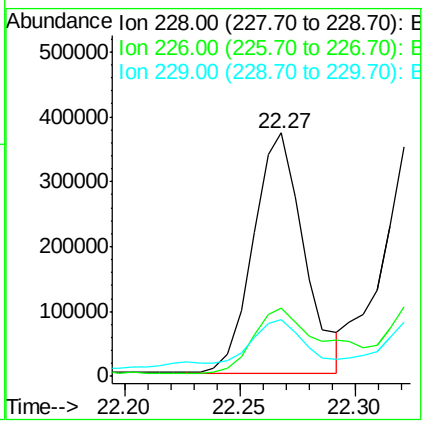


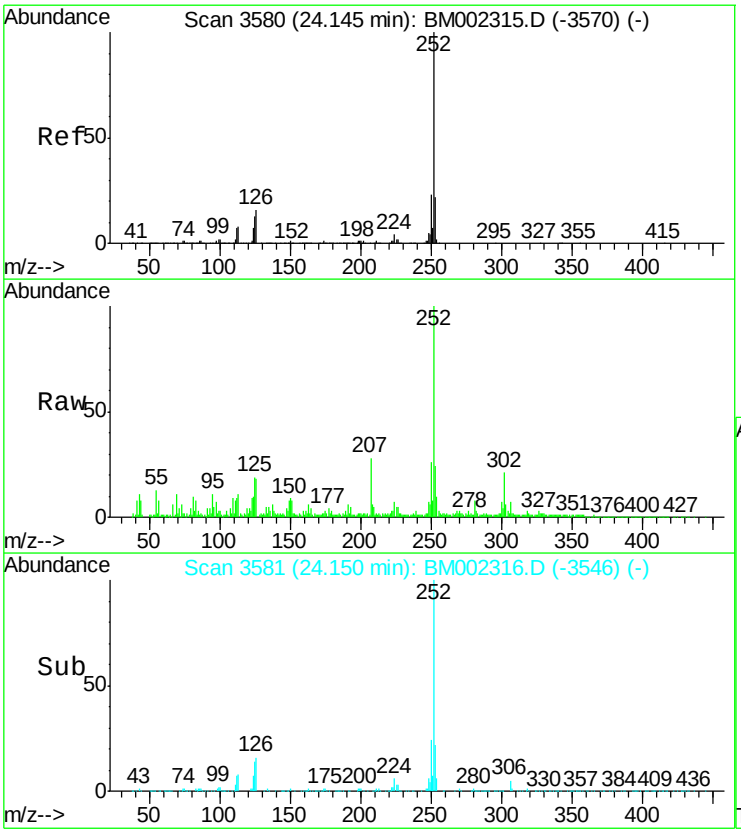
#85
Chrysene
Concen: 25.65 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. -0.06 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:228 Resp: 568199

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.0
229	23.1	15.5	23.3

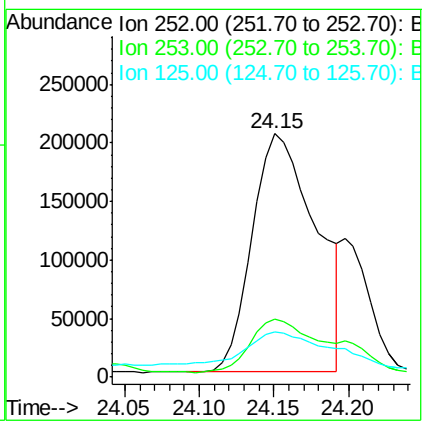


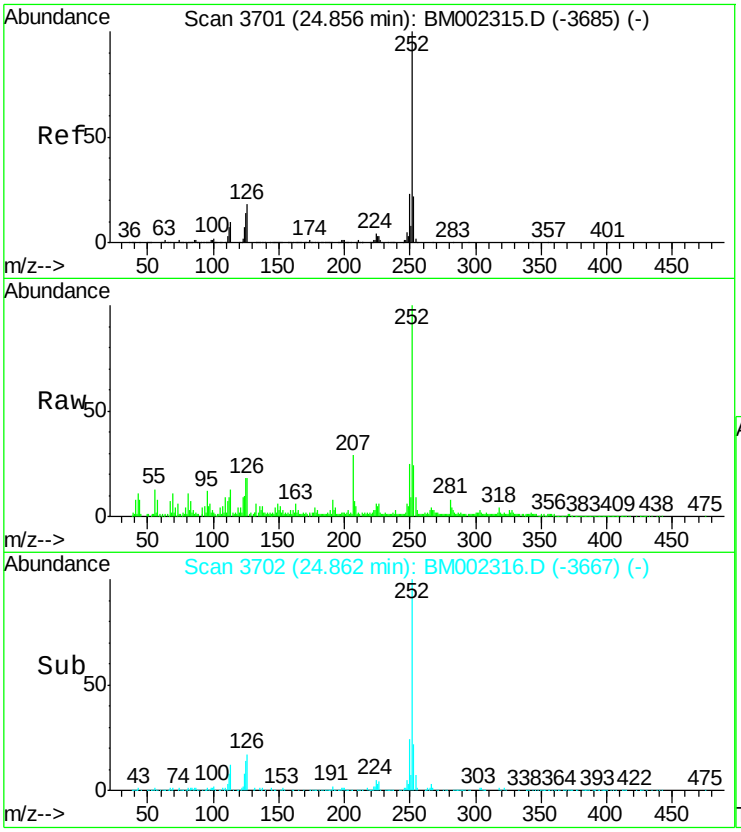


#88
Benzo(b)fluoranthene
Concen: 26.18 ng/ul
RT: 24.15 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:252 Resp: 606510

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	18.8	10.3	15.5#



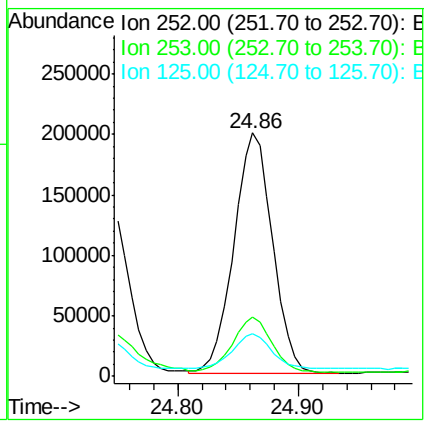


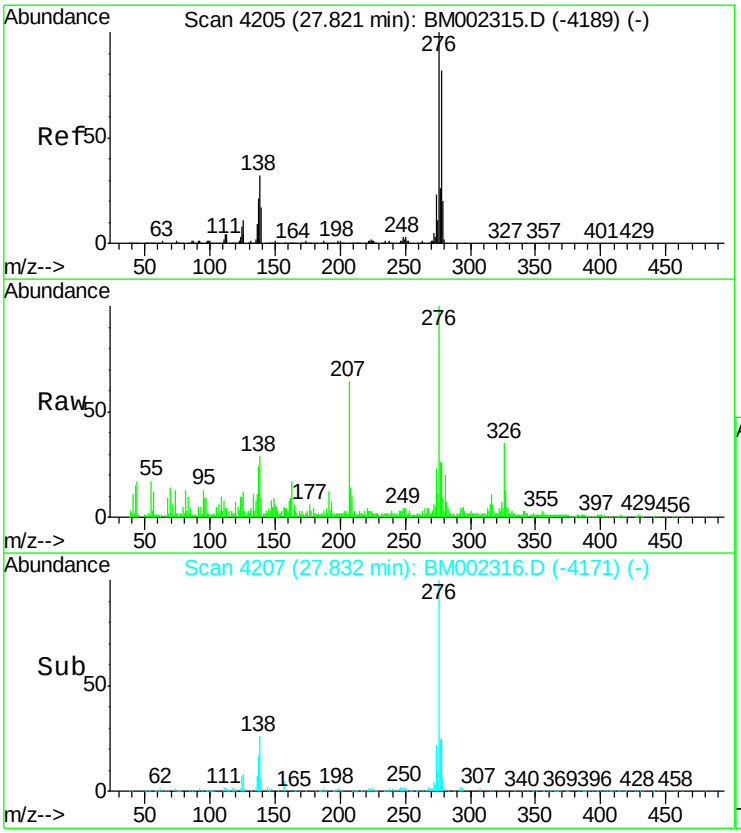
#91
Benzo(a)pyrene
Concen: 19.94 ng/ul
RT: 24.86 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:252 Resp: 442040

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	17.5	11.0	16.6#

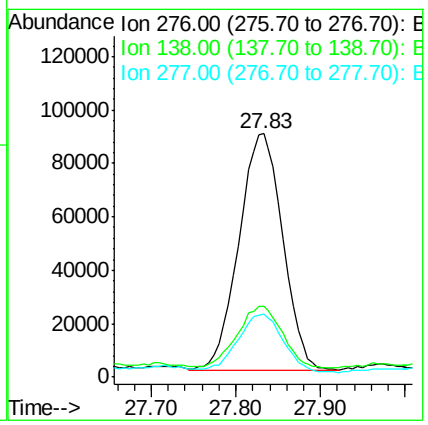


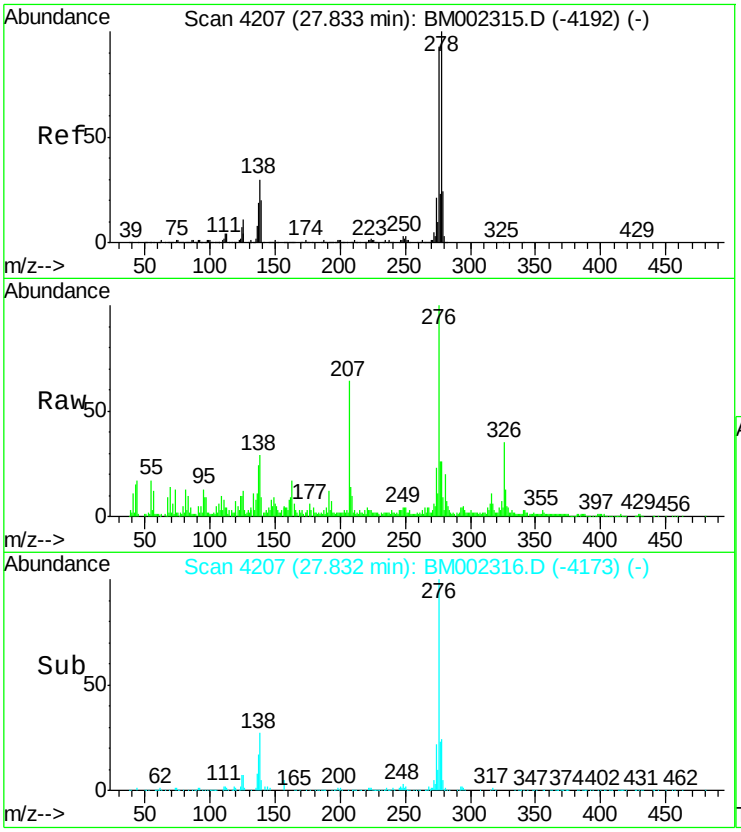


#92
Indeno(1,2,3-cd)pyrene
Concen: 12.48 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. 0.01 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:276 Resp: 317055

Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.6	38.4
277	25.7	21.0	31.4



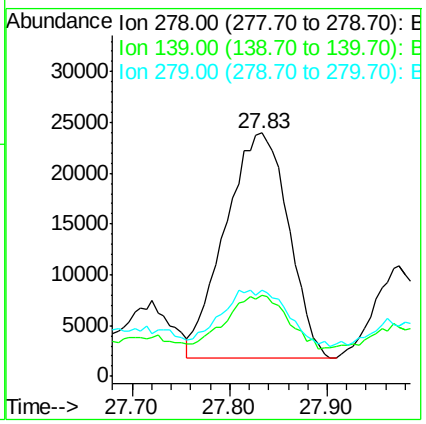


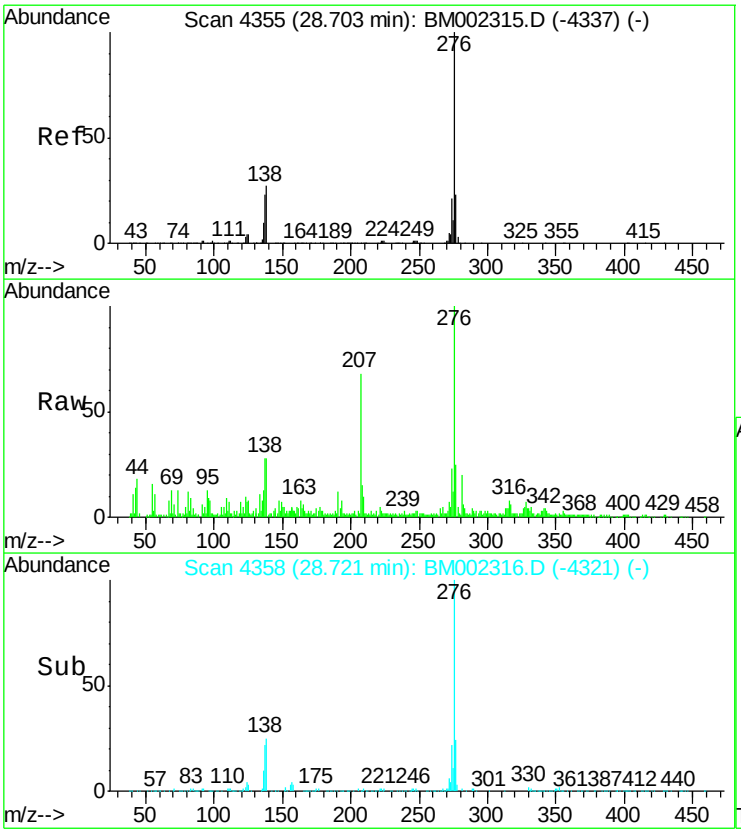
#93
Dibenzo(a,h)anthracene
Concen: 4.68 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. -0.00 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Instrument :
BNA_M
ClientSampleId :
C02G6DL

Tgt Ion:278 Resp: 100691

Ion	Ratio	Lower	Upper
278	100		
139	33.3	16.4	24.6#
279	35.1	18.8	28.2#





#94
Benzo(g,h,i)perylene
Concen: 14.50 ng/ul
RT: 28.72 min Scan# 4358
Delta R.T. 0.02 min
Lab File: BM002316.D
Acq: 10 Aug 2015 17:14

Tgt Ion:276 Resp: 310854

Ion	Ratio	Lower	Upper
276	100		
138	28.3	20.5	30.7
277	25.3	19.0	28.6