Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
Data File : BM006551.D
Acq On : 20 Jul 2016 12:31
Operator : UM/SJ
Sample : H3959-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ22DL

Quant Time: Jul 20 15:08:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	130505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	541452	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	304743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	712265	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	878655	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	960876	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	178	0.06	ng/uL	0.00
5) Phenol-d5	6.80	99	17765	1.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	13131	2.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	14623	1.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	13813	1.63	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	6145	1.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	5887	1.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	12178	1.39	ng/ul	0.01
29) 4-Chloroaniline-d4	10.54	131	19811	2.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	43918	1.76	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	54008	1.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	1486	0.34	ng/ul	0.02
57) Fluorene-d10	15.26	176	44132	1.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	508	0.12	ng/ul	0.00
70) Anthracene-d10	17.11	188	65324	1.94	ng/ul	0.00
76) Pyrene-d10	19.42	212	79069	1.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	82253	1.87	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.44	128	1374182	50.00	ng/ul	99
30) 4-Chloroaniline	10.44	127	180645	18.94	ng/ul#	5
34) 2-Methylnaphthalene	12.06	142	94069	4.54	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	25657	1.02	ng/ul	95
49) Acenaphthene	14.33	153	173456	8.39	ng/ul	98
53) Dibenzofuran	14.66	168	125755	4.18	ng/ul	99
58) Fluorene	15.32	166	125910	5.23	ng/ul	98
69) Phenanthrene	17.06	178	660315	16.86	ng/ul	99
71) Anthracene	17.14	178	191604	4.76	ng/ul	99
74) Fluoranthene	19.08	202	594613	13.06	ng/ul	99
77) Pyrene	19.44	202	449929	8.58	ng/ul	99
80) Benzo(a)anthracene	21.20	228	200480	3.74	ng/ul	97
82) Chrysene	21.25	228	173768	3.44	ng/ul	95
85) Benzo(b)fluoranthene	22.76	252	202608	3.53	ng/ul	96
86) Benzo(k)fluoranthene	22.76	252	202608	3.75	ng/ul	96
88) Benzo(a)pyrene	23.31	252	159665	2.90	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	94702	1.48	ng/ul	97
91) Benzo(g,h,i)perylene	26.27	276	78343	1.39	ng/ul	96

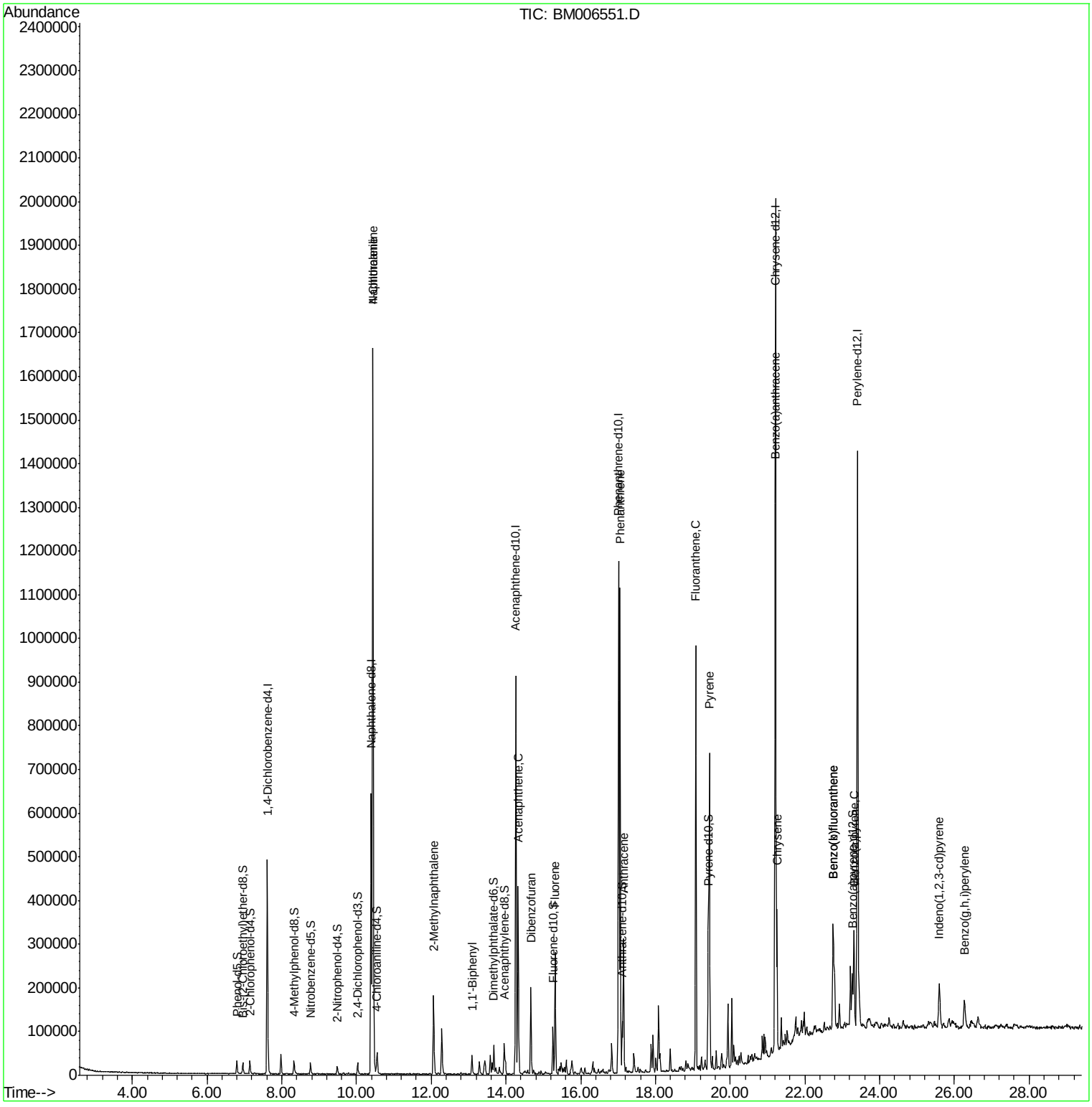
(#) = qualifier out of range (m) = manual integration (+) = signals summed

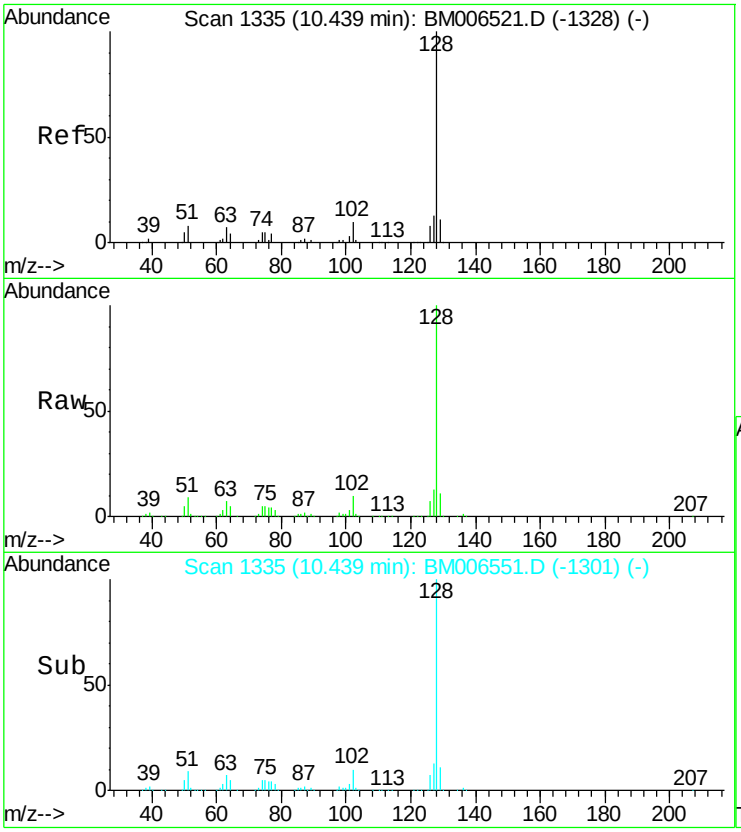
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071916\
Data File : BM006551.D
Acq On : 20 Jul 2016 12:31
Operator : UM/SJ
Sample : H3959-03DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Quant Time: Jul 20 15:08:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 04:22:37 2016
Response via : Initial Calibration



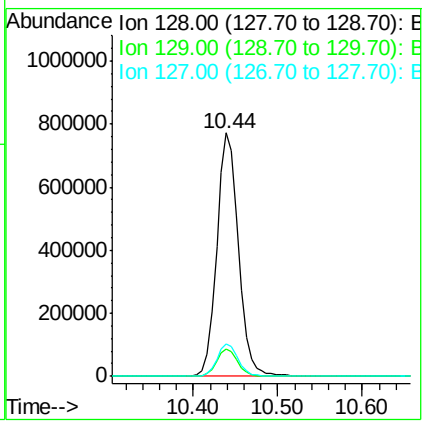


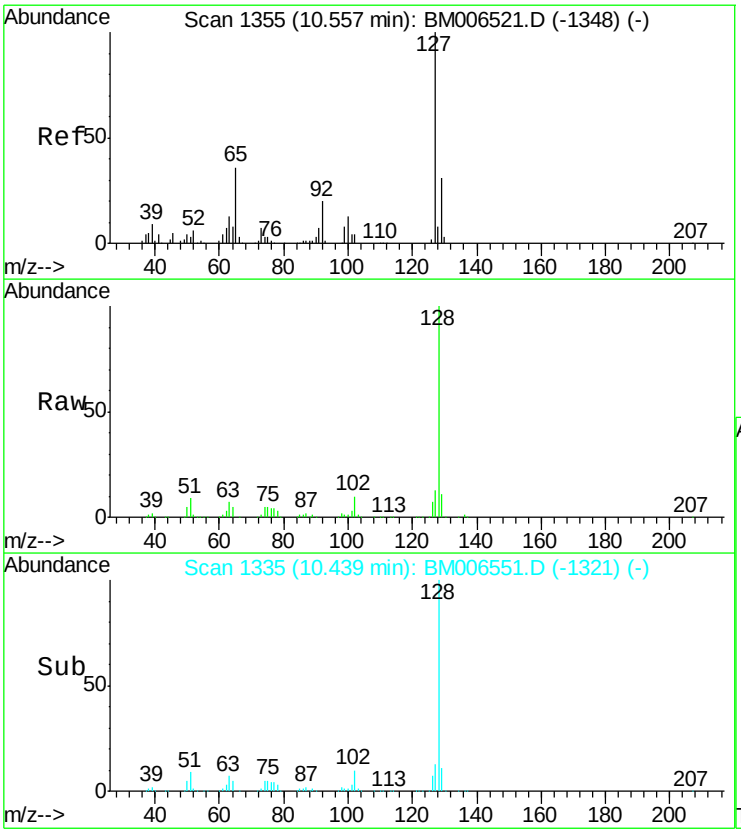
#28
Naphthalene
Concen: 50.00 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:128 Resp: 1374182

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.9	16.3

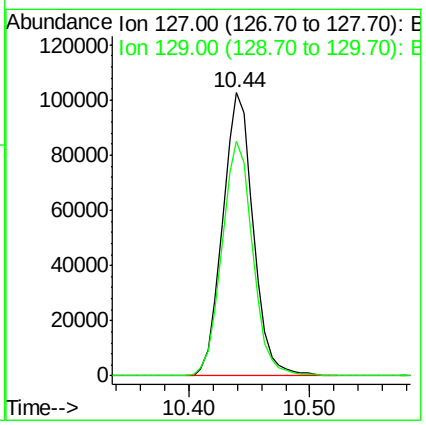


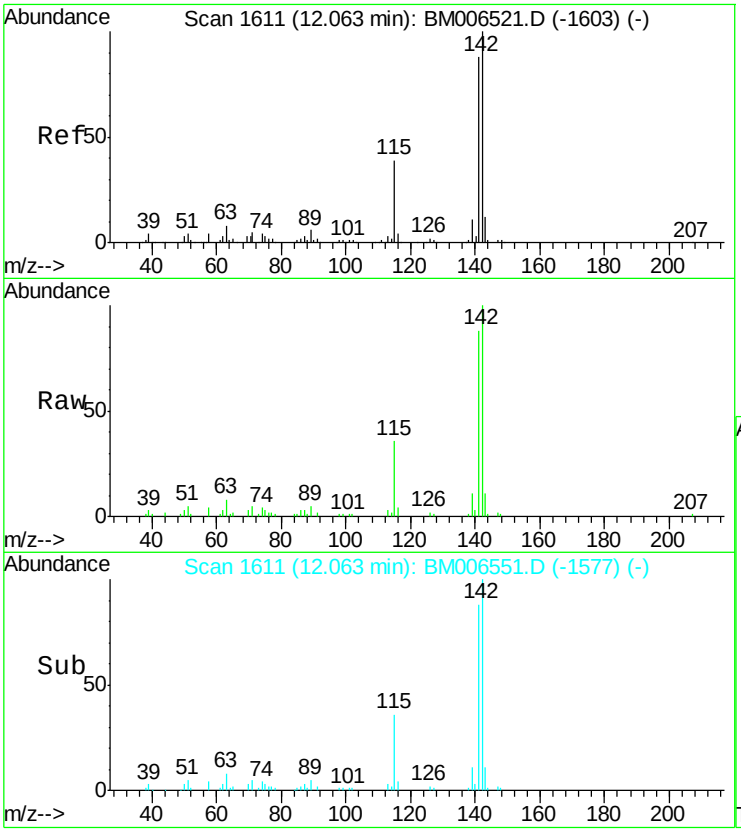


#30
4-Chloroaniline
Concen: 18.94 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. -0.12 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:127 Resp: 180645

Ion	Ratio	Lower	Upper
127	100		
129	82.9	24.6	37.0#



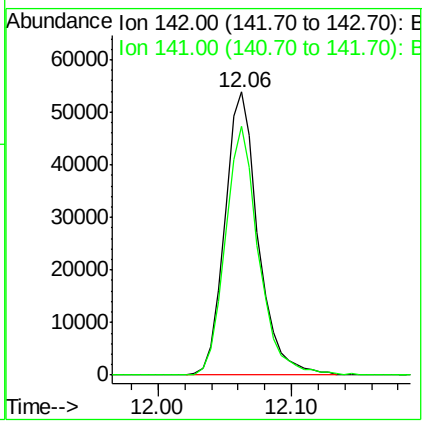


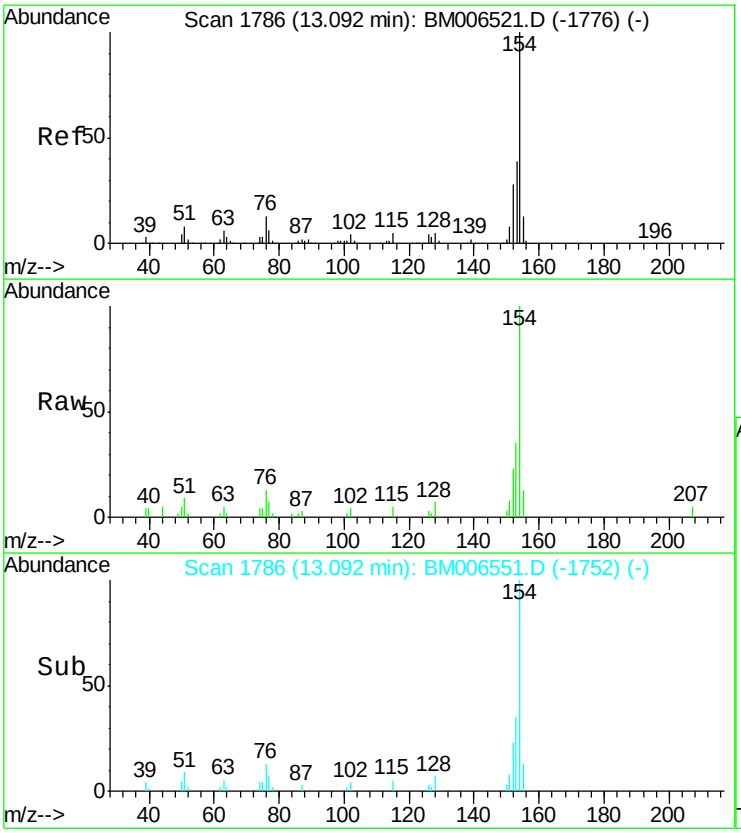
#34
2-Methylnaphthalene
Concen: 4.54 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:142 Resp: 94069

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.0	103.4

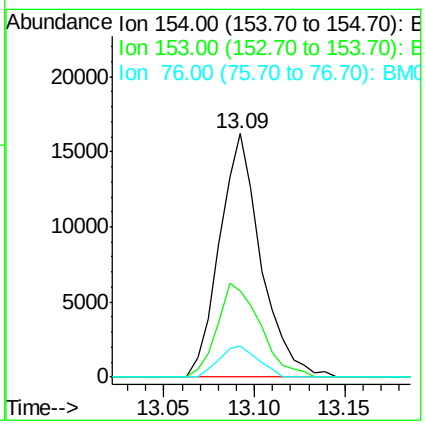


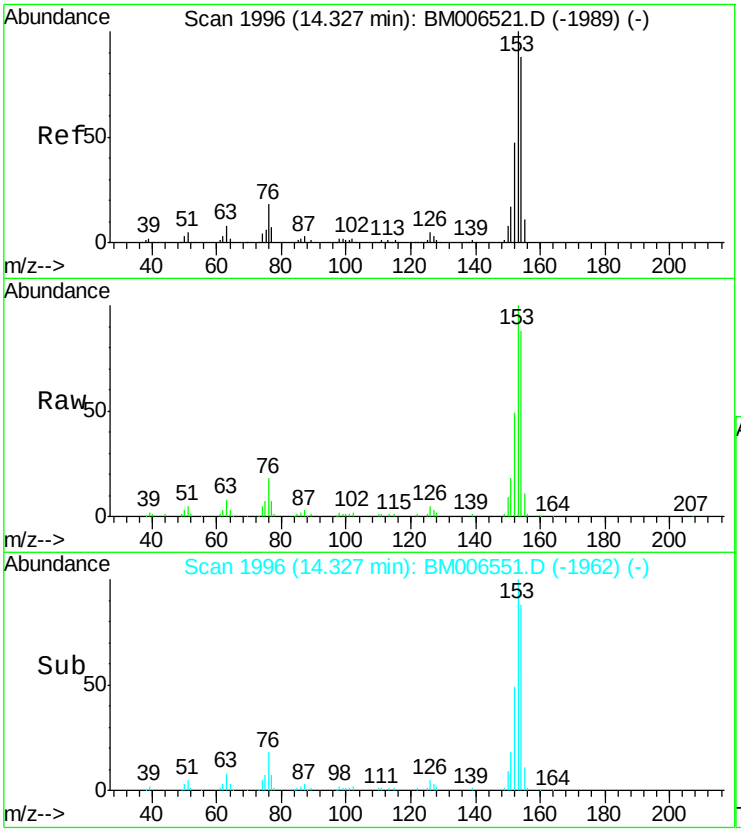


#40
1,1'-Biphenyl
Concen: 1.02 ng/ul
RT: 13.09 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:154 Resp: 25657

Ion	Ratio	Lower	Upper
154	100		
153	35.2	31.4	47.2
76	12.7	10.4	15.6



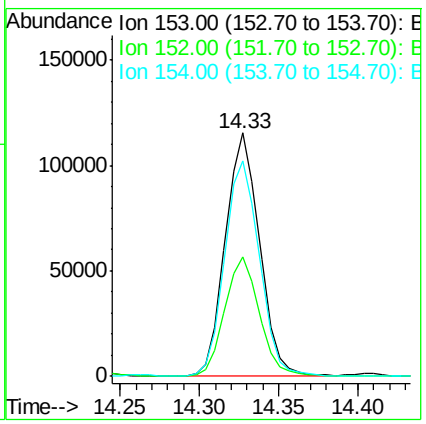


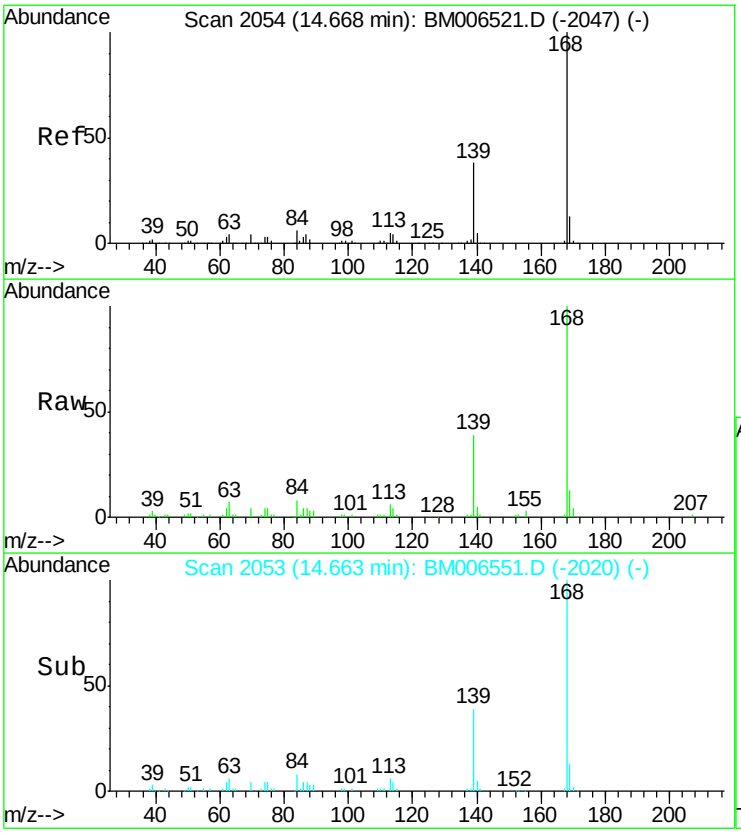
#49
Acenaphthene
Concen: 8.39 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:153 Resp: 173456

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.7	56.5
154	88.4	70.0	105.0

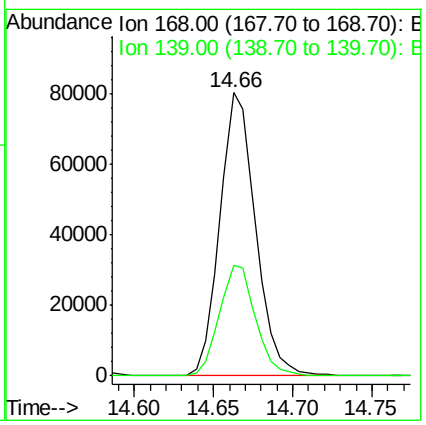


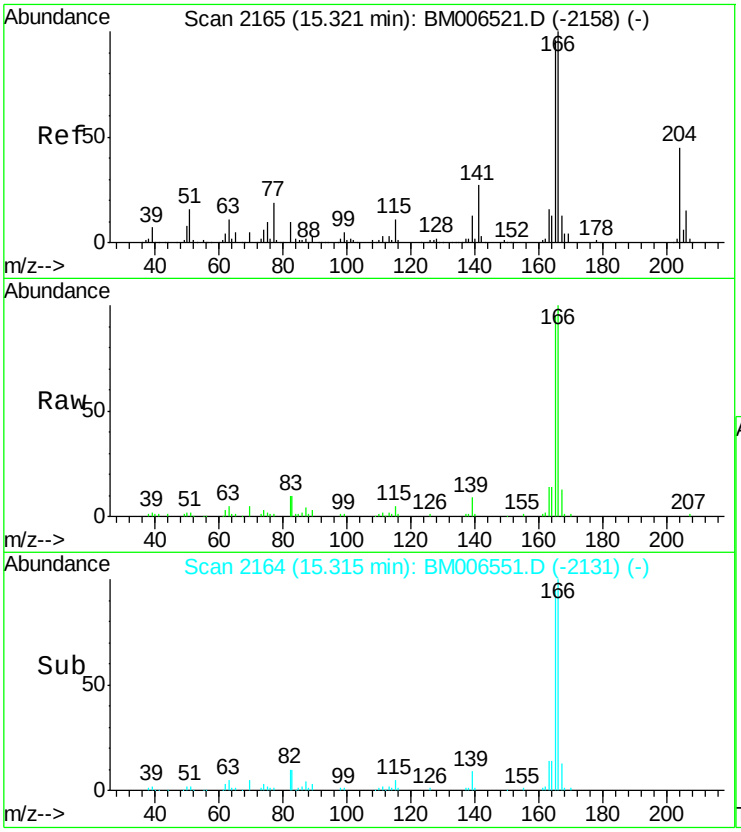


#53
Dibenzofuran
Concen: 4.18 ng/ul
RT: 14.66 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:168 Resp: 125755

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.6	46.0



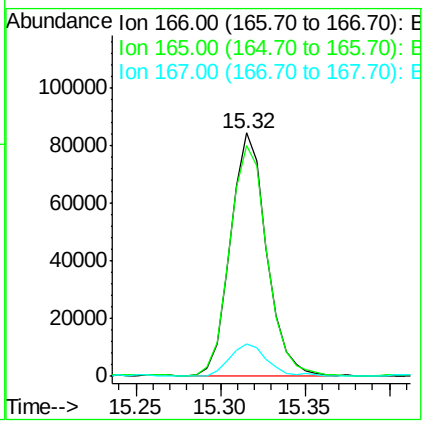


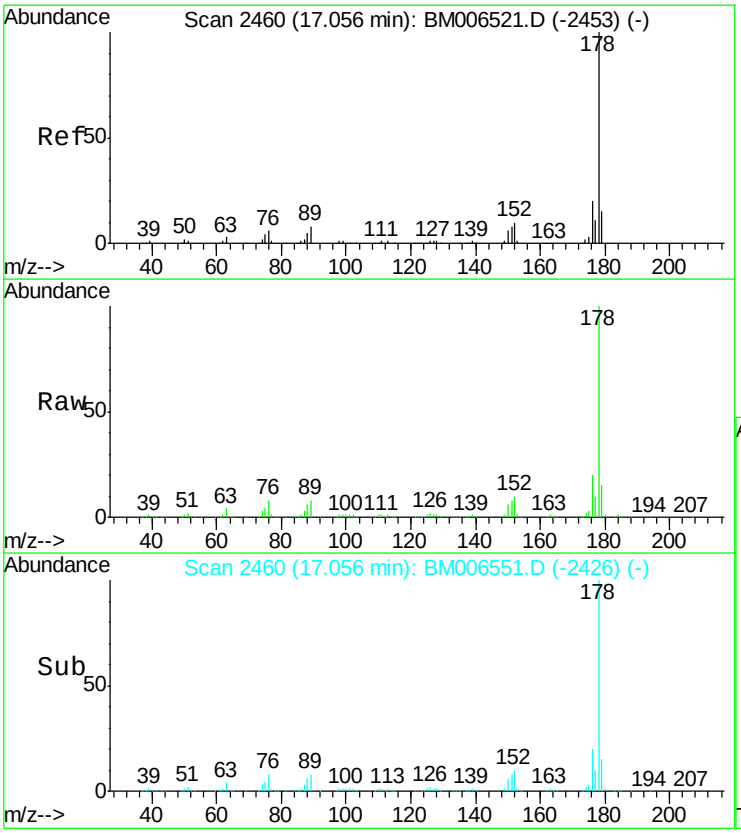
#58
Fluorene
Concen: 5.23 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:166 Resp: 125910

Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.5	116.3
167	13.2	10.8	16.2

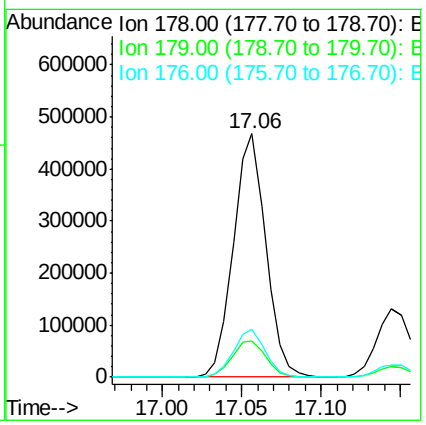


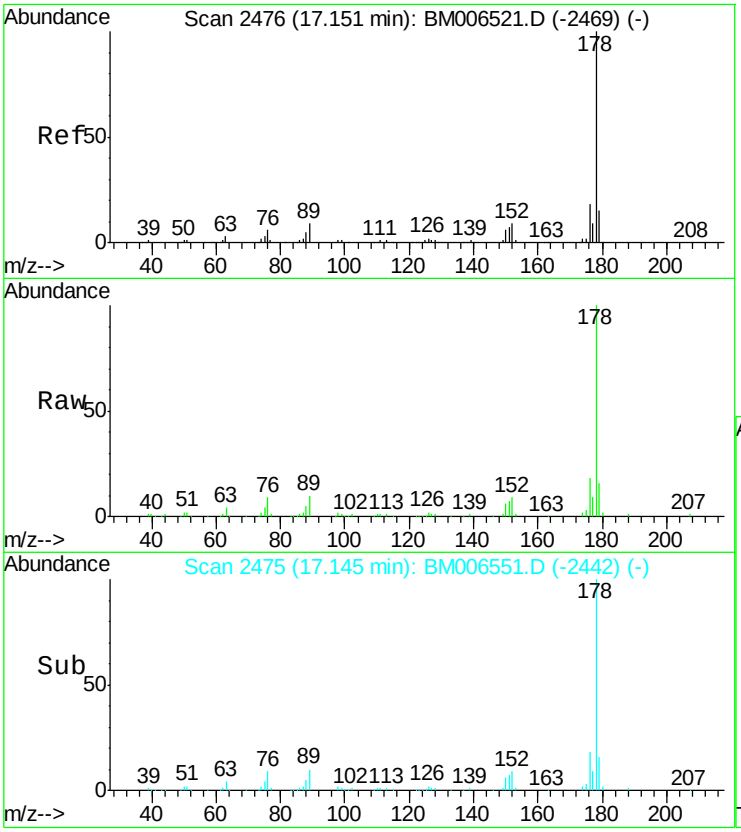


#69
Phenanthrene
Concen: 16.86 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:178 Resp: 660315

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.9	17.9
176	19.6	15.2	22.8



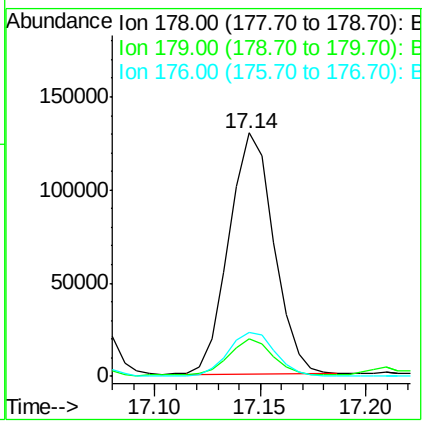


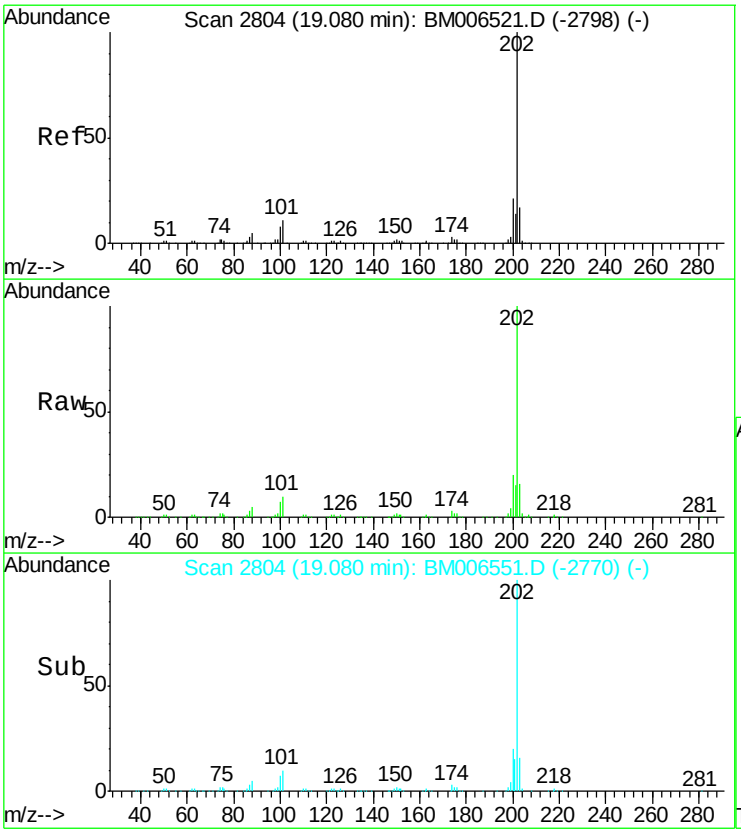
#71
Anthracene
Concen: 4.76 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:178 Resp: 191604

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	18.3	15.0	22.6

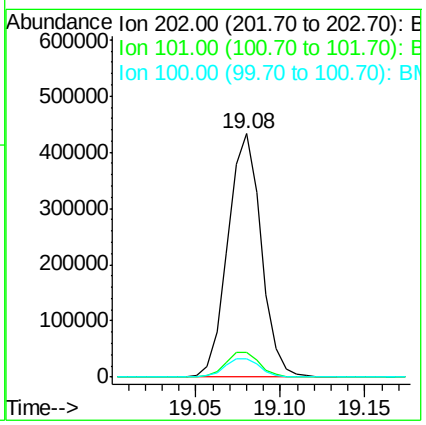


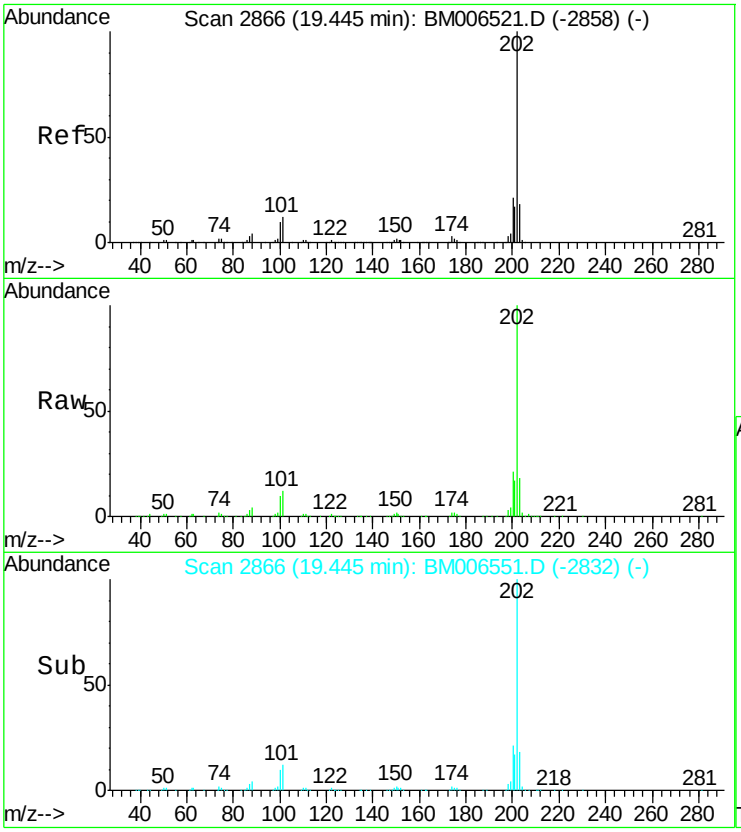


#74
Fluoranthene
Concen: 13.06 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:202 Resp: 594613

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.6	12.8
100	7.4	6.4	9.6



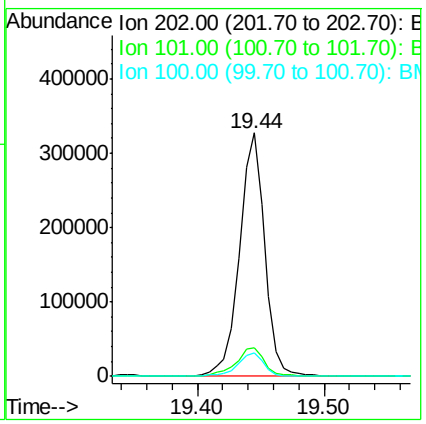


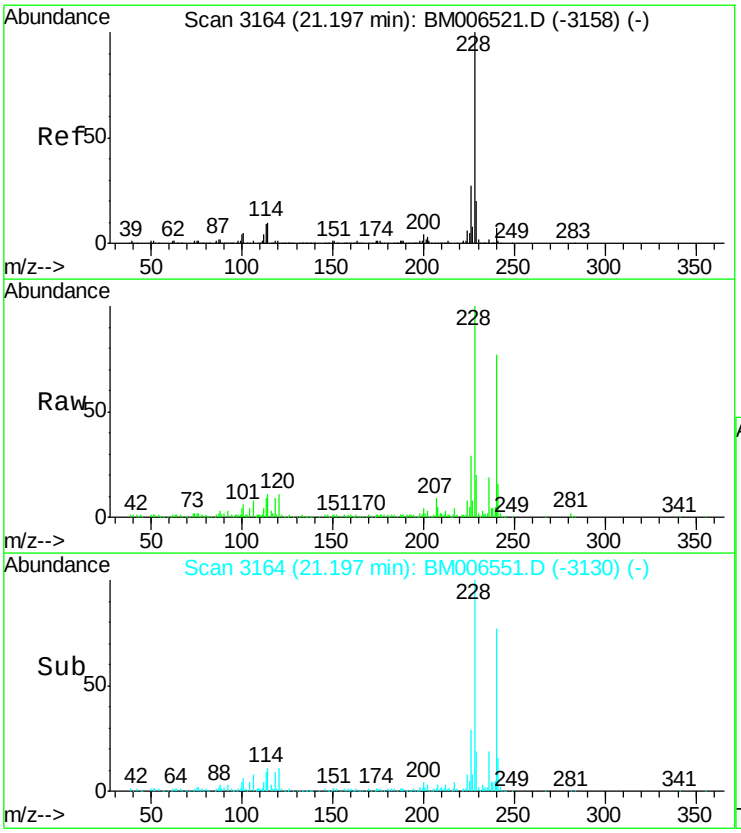
#77
Pyrene
Concen: 8.58 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:202 Resp: 449929

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.0	15.0
100	9.9	7.9	11.9

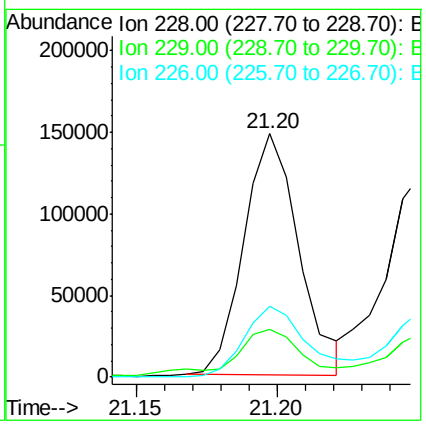


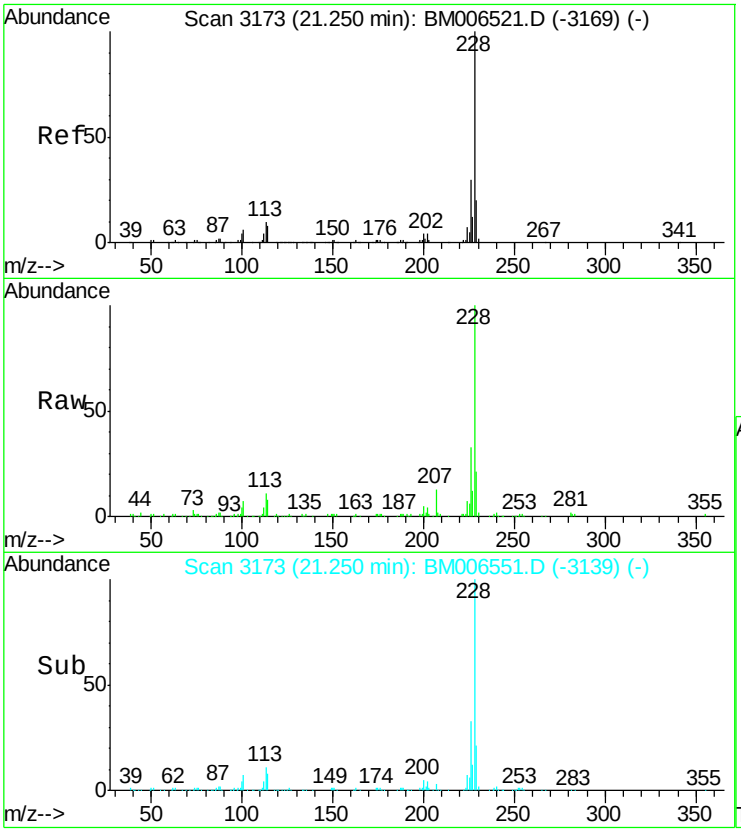


#80
Benzo(a)anthracene
Concen: 3.74 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:228 Resp: 200480

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	28.9	21.4	32.2



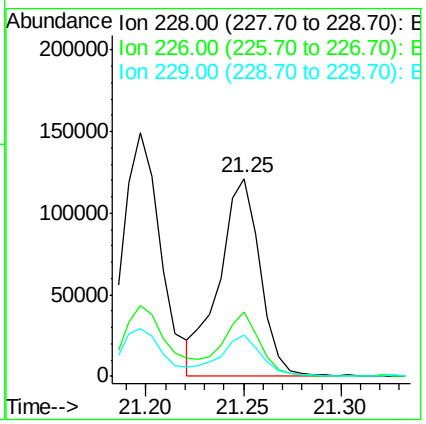


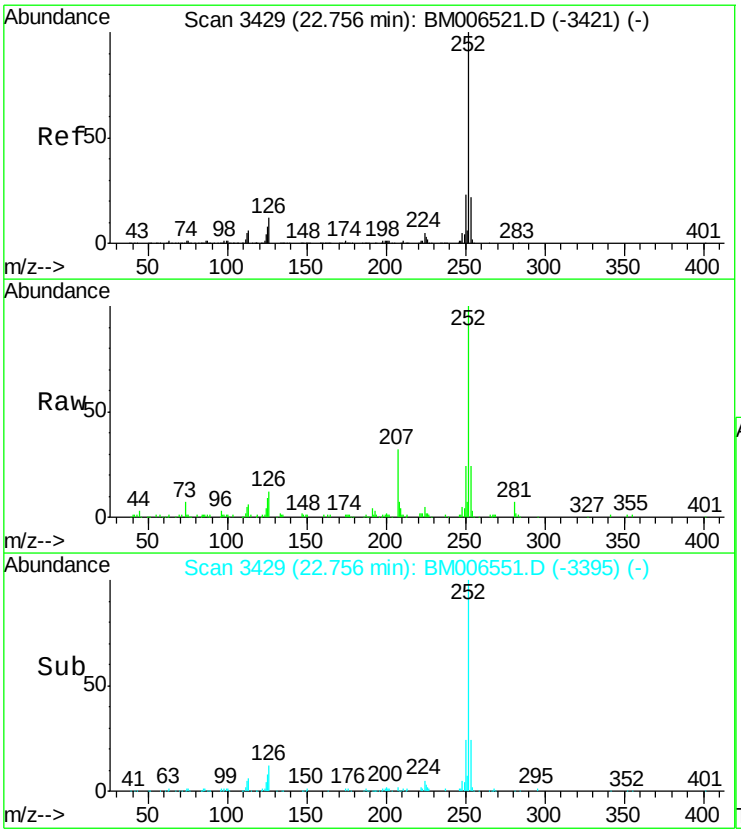
#82
Chrysene
Concen: 3.44 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:228 Resp: 173768

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.3	34.9
229	21.1	15.8	23.8

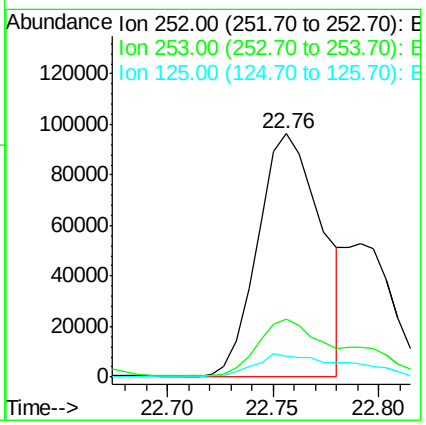


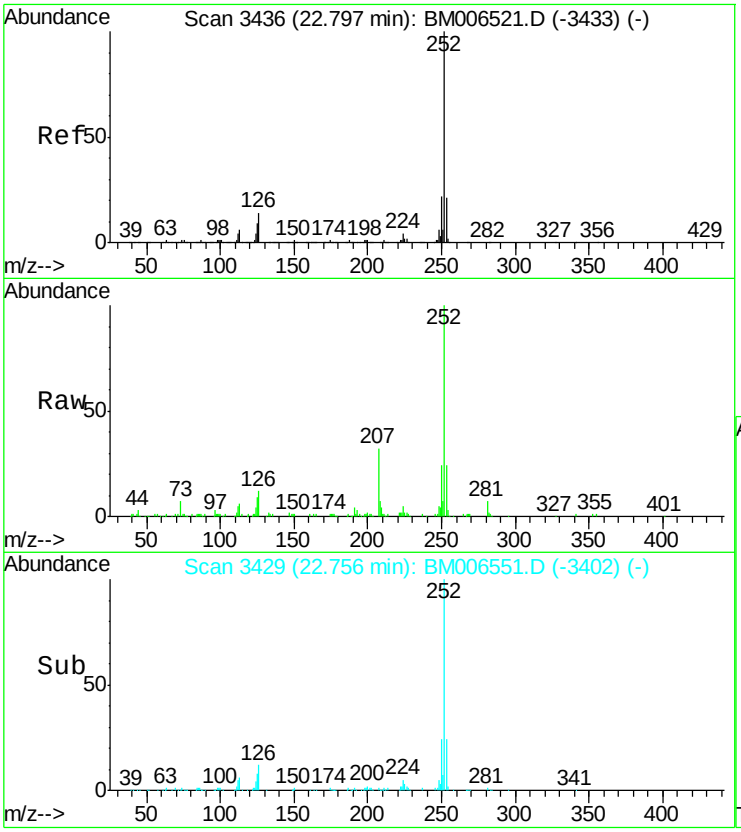


#85
Benzo(b)fluoranthene
Concen: 3.53 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:252 Resp: 202608

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	8.8	6.7	10.1



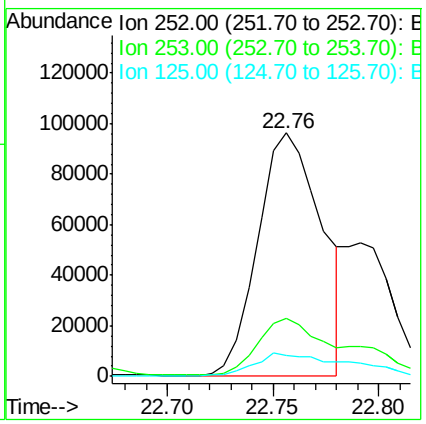


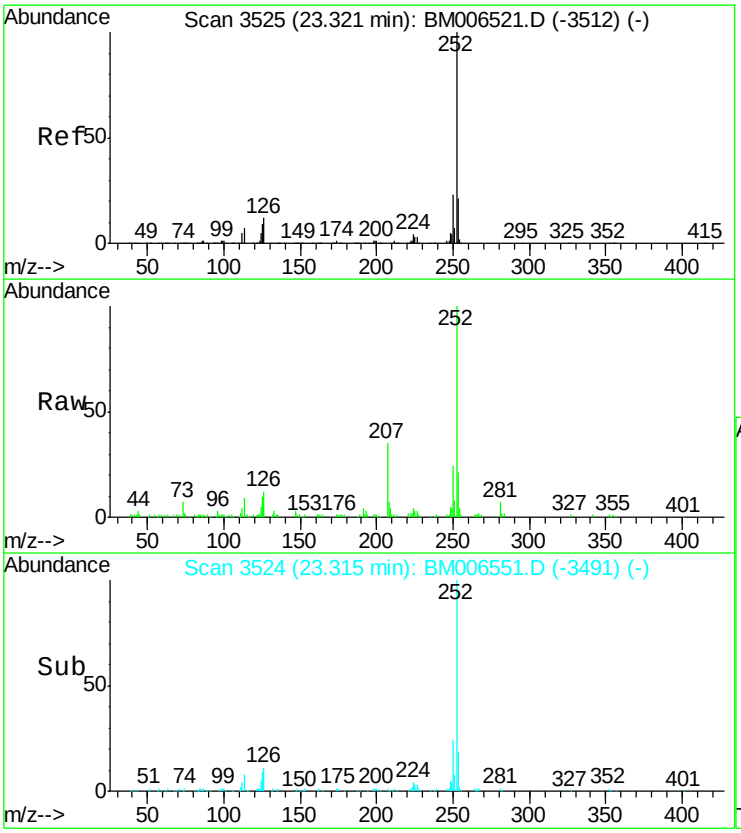
#86
Benzo(k)fluoranthene
Concen: 3.75 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:252 Resp: 202608

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	8.8	7.0	10.4

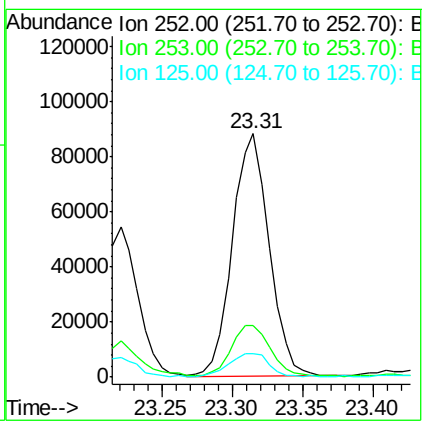


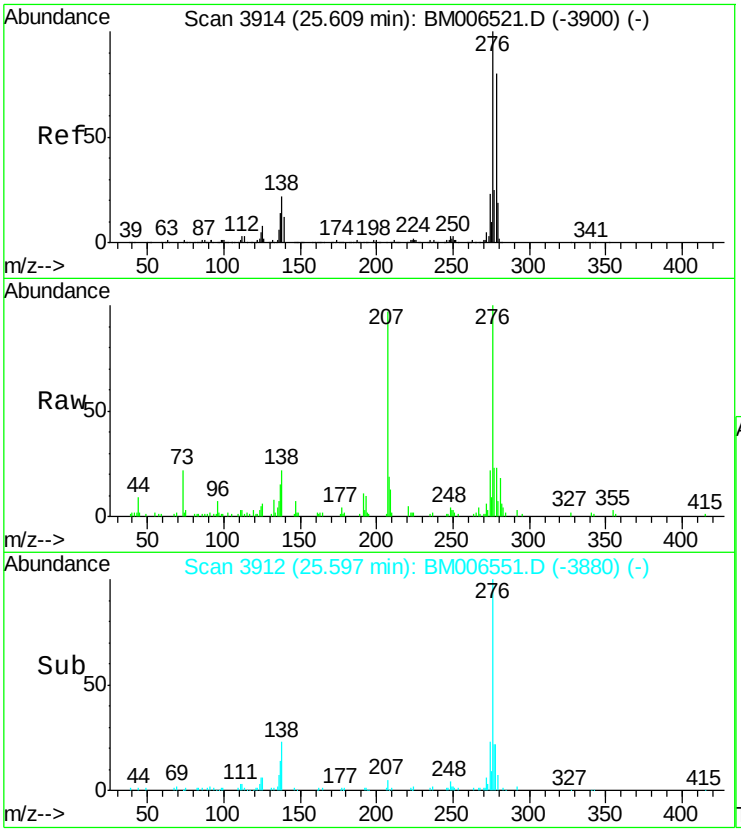


#88
Benzo(a)pyrene
Concen: 2.90 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:252 Resp: 159665

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.2
125	9.7	7.6	11.4



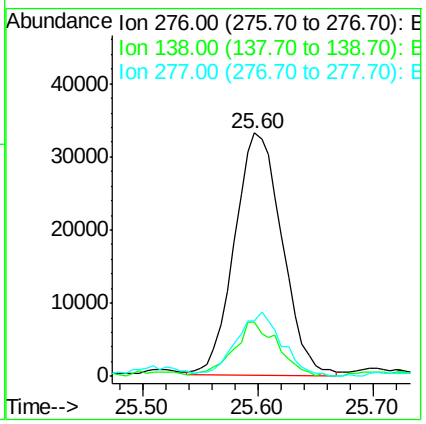


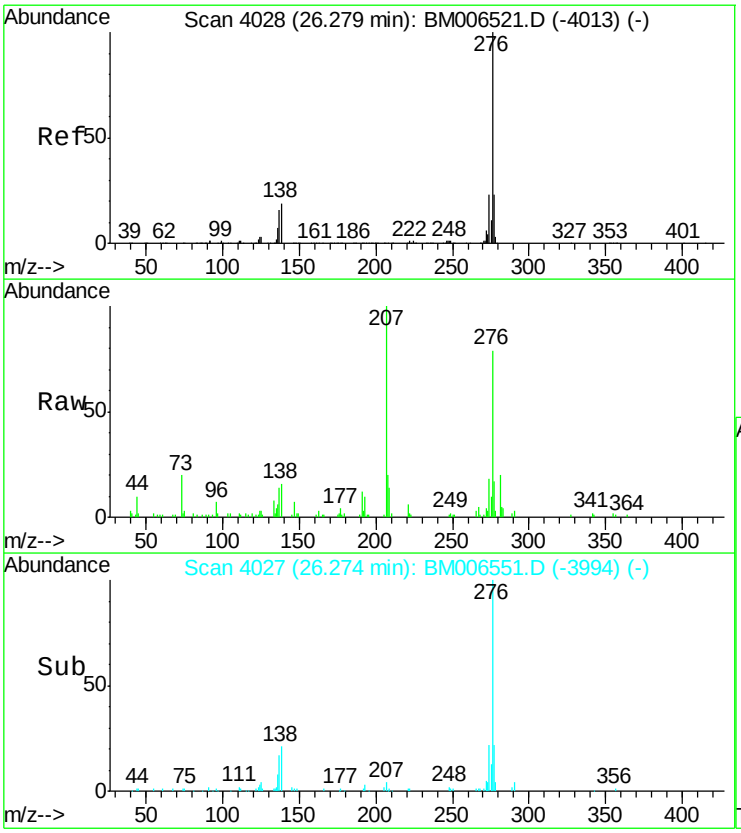
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.48 ng/ul
RT: 25.60 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Instrument :
BNA_M
ClientSampleId :
BDJ22DL

Tgt Ion:276 Resp: 94702

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.8	26.6
277	22.6	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 1.39 ng/ul
RT: 26.27 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM006551.D
Acq: 20 Jul 2016 12:31

Tgt Ion:276 Resp: 78343

Ion	Ratio	Lower	Upper
276	100		
138	20.8	15.0	22.4
277	22.2	19.0	28.4