Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T2

Quant Time: May 06 05:58:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:26:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	115442	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	553949	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	352474	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	817061	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	959801	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	944769	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	1943	0.79	ng/uL	0.00
5) Phenol-d5	6.95	99	40014	3.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	120890	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	126813	16.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	83789	9.68	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	86715	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	99667	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	160996	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	11820	1.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	588160	20.82	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	701598	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	17999	3.49	ng/ul	0.01
57) Fluorene-d10	15.41	176	524389	21.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	99886	21.73	ng/ul	0.00
70) Anthracene-d10	17.27	188	797724	22.09	ng/ul	0.00
76) Pyrene-d10	19.56	212	941706	21.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	927539	22.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	9427	2.11	ng/uL	96
17) Hexachloroethane	8.87	117	10292	3.38	ng/ul#	8
28) Naphthalene	10.64	128	7441098	266.98	ng/ul	98
30) 4-Chloroaniline	10.64	127	1037462	101.56	ng/ul#	17
34) 2-Methylnaphthalene	12.23	142	1987426	95.34	ng/ul	100
40) 1,1'-Biphenyl	13.25	154	840662	30.11	ng/ul	99
47) Acenaphthylene	14.13	152	138319	3.95	ng/ul#	95
49) Acenaphthene	14.49	153	1674350	72.47	ng/ul	99
53) Dibenzofuran	14.82	168	2089203	62.32	ng/ul	97
58) Fluorene	15.47	166	1361337	51.94	ng/ul	100
60) 4-Nitroaniline	15.47	138	15846	2.52	ng/ul#	20
69) Phenanthrene	17.22	178	2818504	65.61	ng/ul	99
71) Anthracene	17.30	178	225780	5.27	ng/ul	98
72) Carbazole	17.57	167	662079	17.57	ng/ul	99
74) Fluoranthene	19.22	202	688286	14.46	ng/ul	100
77) Pyrene	19.59	202	433185	7.78	ng/ul	99

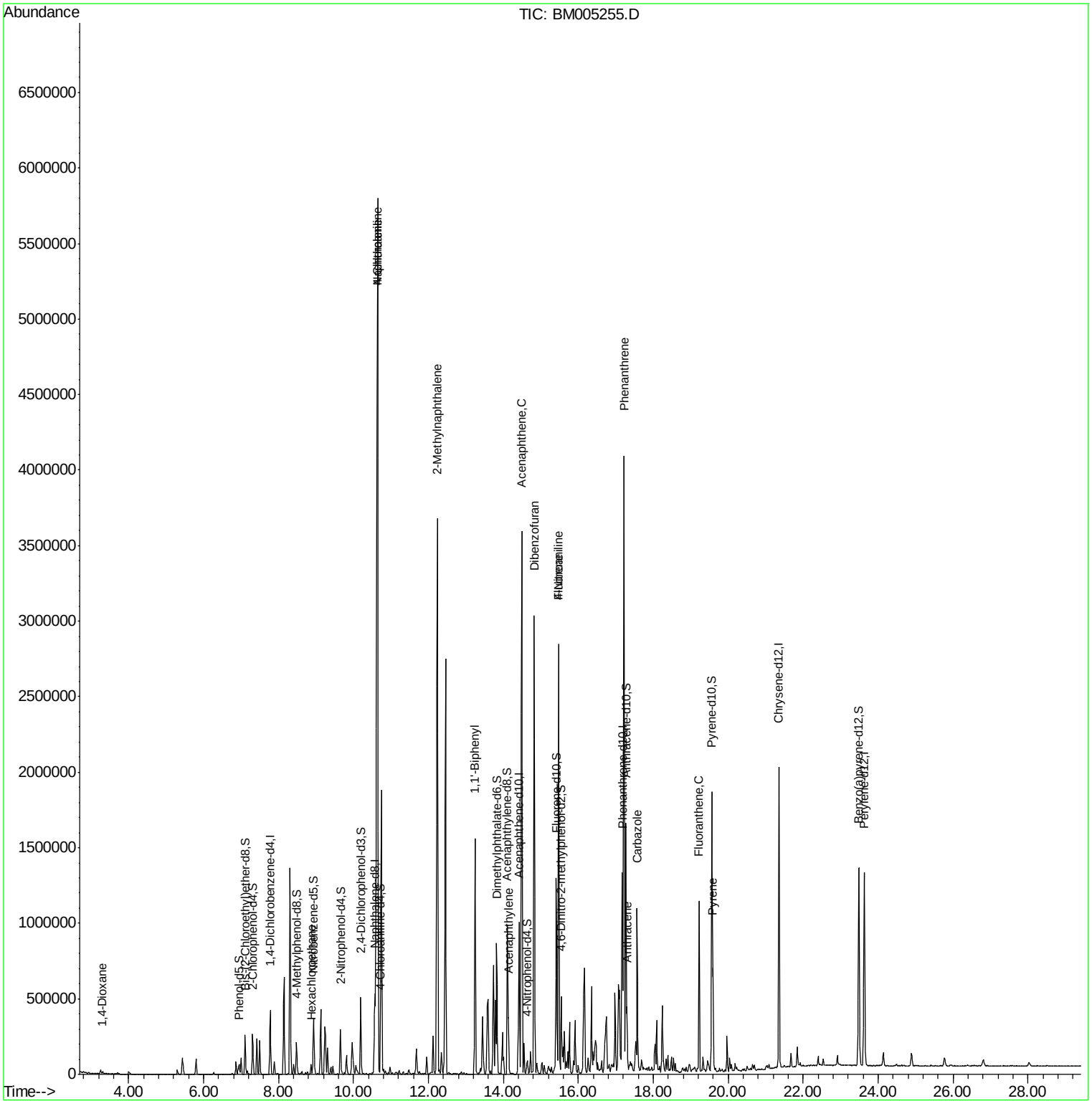
(#) = qualifier out of range (m) = manual integration (+) = signals summed

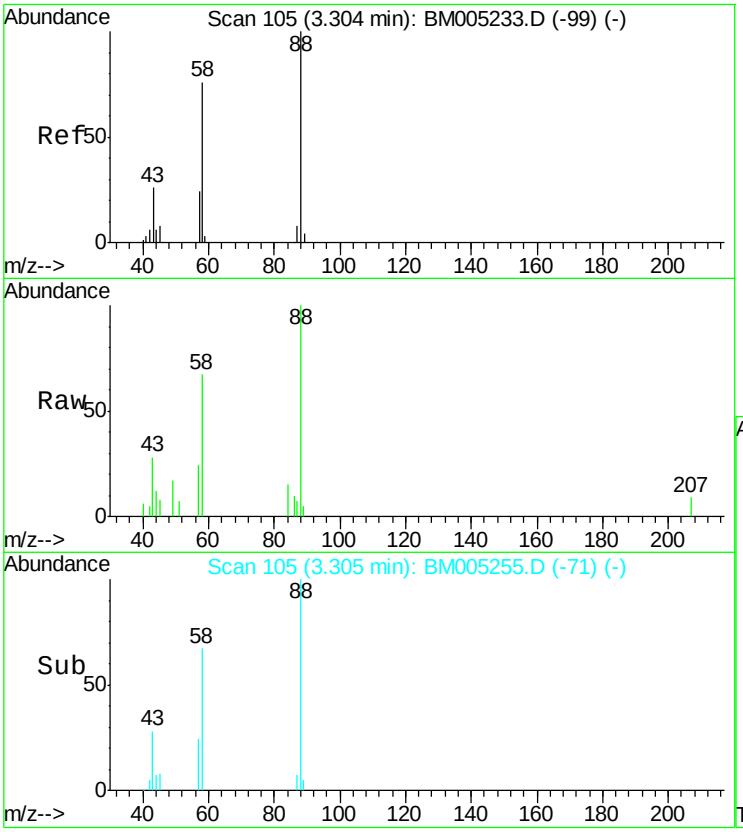
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005255.D
Acq On : 06 May 2016 03:35
Operator : UM/SJ
Sample : H2813-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7T2

Quant Time: May 06 05:58:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 06 04:26:22 2016
Response via : Initial Calibration



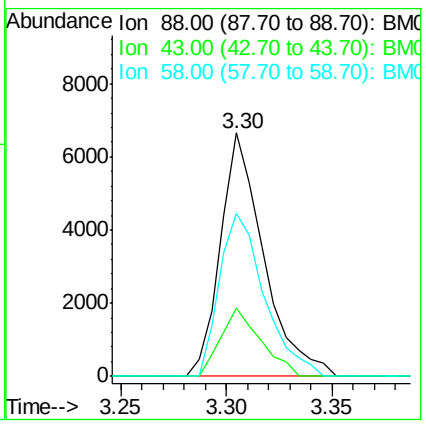


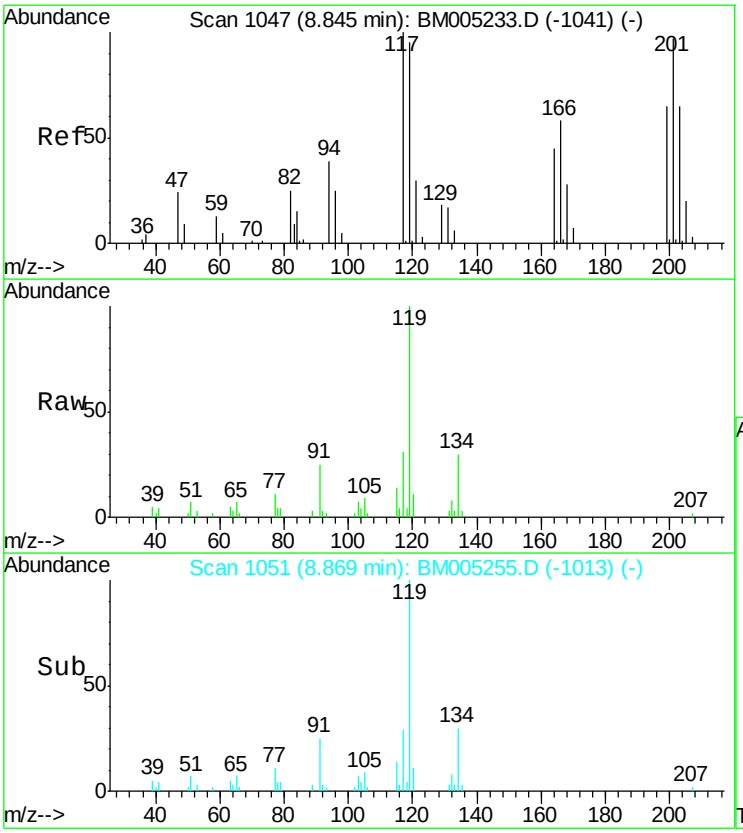
#2
1,4-Dioxane
Concen: 2.11 ng/uL
RT: 3.30 min Scan# 105
Delta R.T. 0.00 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Instrument :
BNA_M
ClientSampleId :
BC7T2

Tgt Ion: 88 Resp: 9427

Ion	Ratio	Lower	Upper
88	100		
43	25.9	19.3	28.9
58	69.5	57.9	86.9

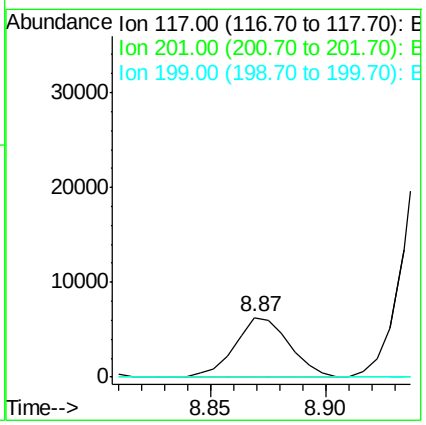


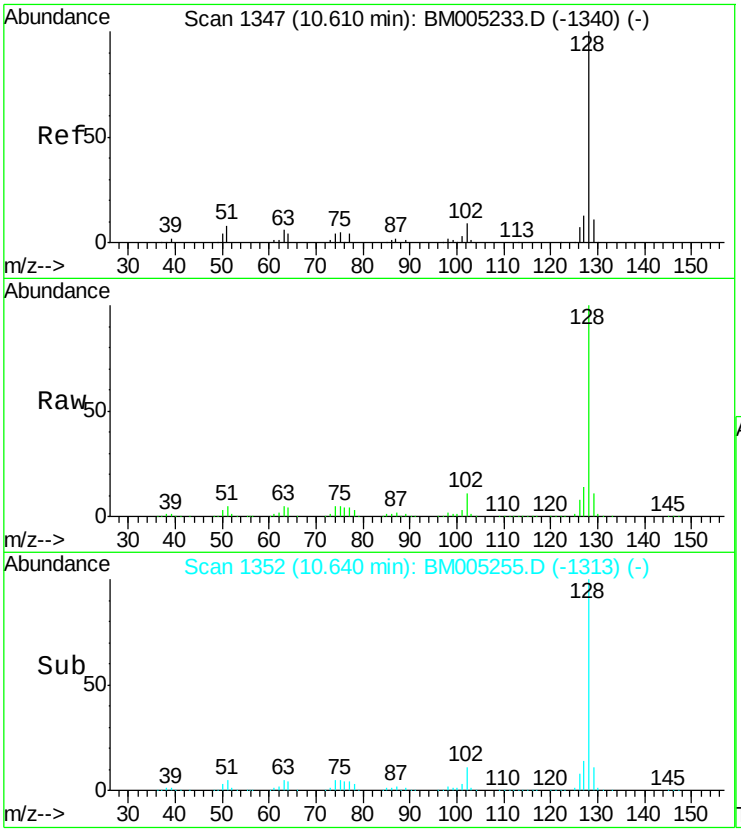


#17
Hexachloroethane
Concen: 3.38 ng/ul
RT: 8.87 min Scan# 1051
Delta R.T. 0.02 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Tgt Ion:117 Resp: 10292

Ion	Ratio	Lower	Upper
117	100		
201	0.0	78.1	117.1#
199	0.0	50.2	75.2#



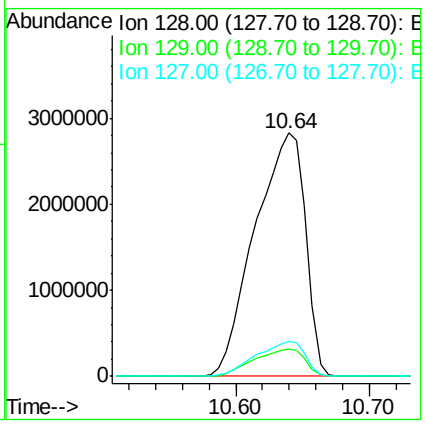


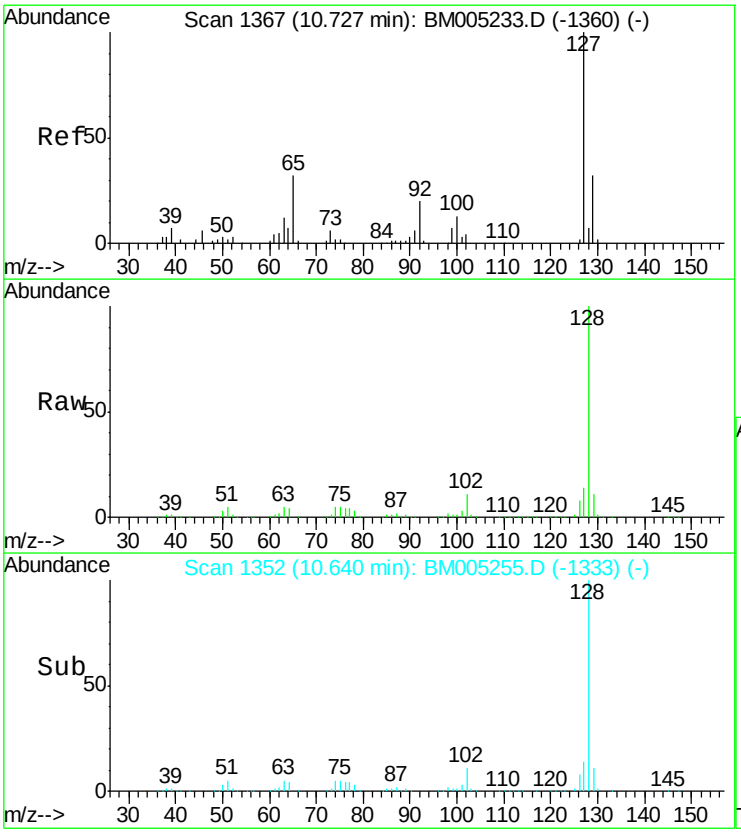
#28
Naphthalene
Concen: 266.98 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. 0.03 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Instrument :
BNA_M
ClientSampleId :
BC7T2

Tgt Ion:128 Resp: 7441098

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.4	12.6
127	14.1	10.8	16.2

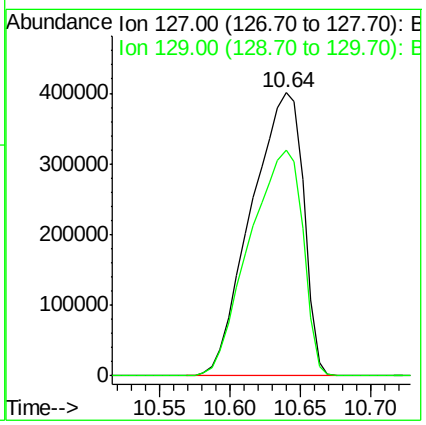


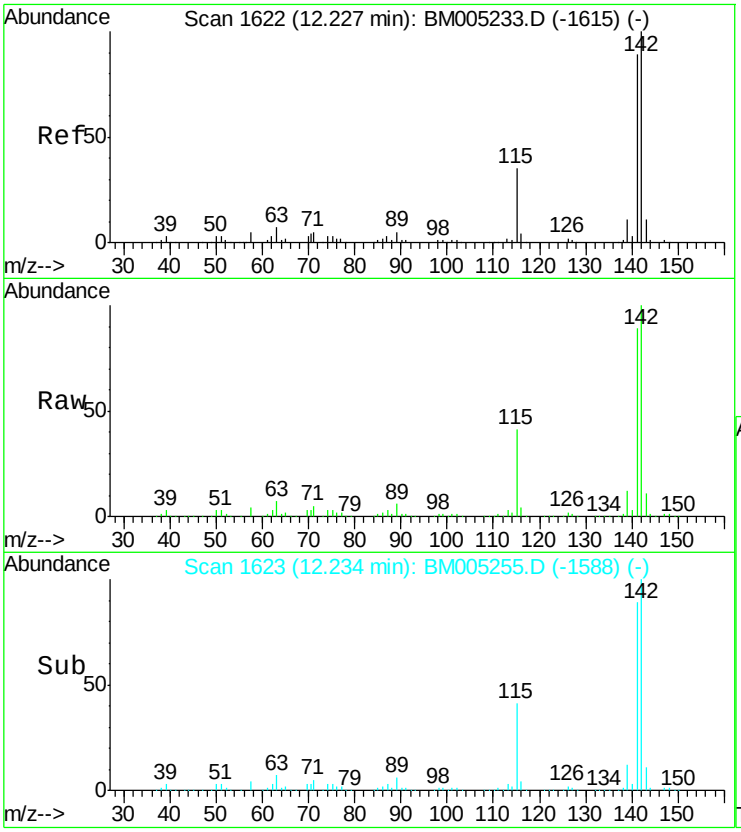


#30
4-Chloroaniline
Concen: 101.56 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. -0.09 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Tgt Ion:127 Resp: 1037462

Ion	Ratio	Lower	Upper
127	100		
129	79.9	26.5	39.7#



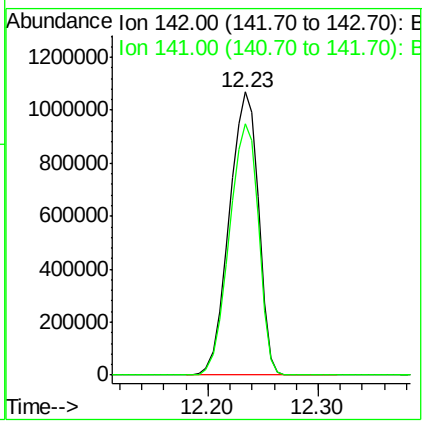


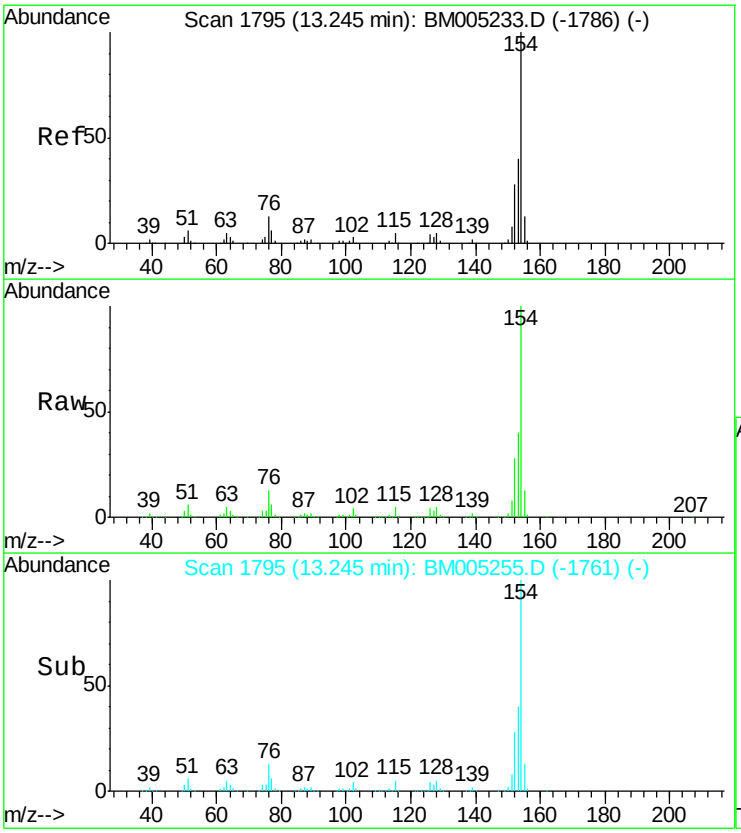
#34
2-Methylnaphthalene
Concen: 95.34 ng/ul
RT: 12.23 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Instrument :
BNA_M
ClientSampleId :
BC7T2

Tgt Ion:142 Resp: 1987426

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9

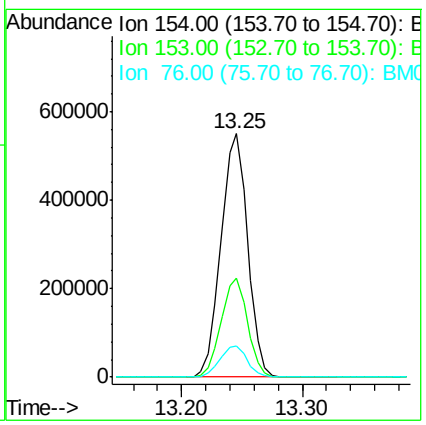


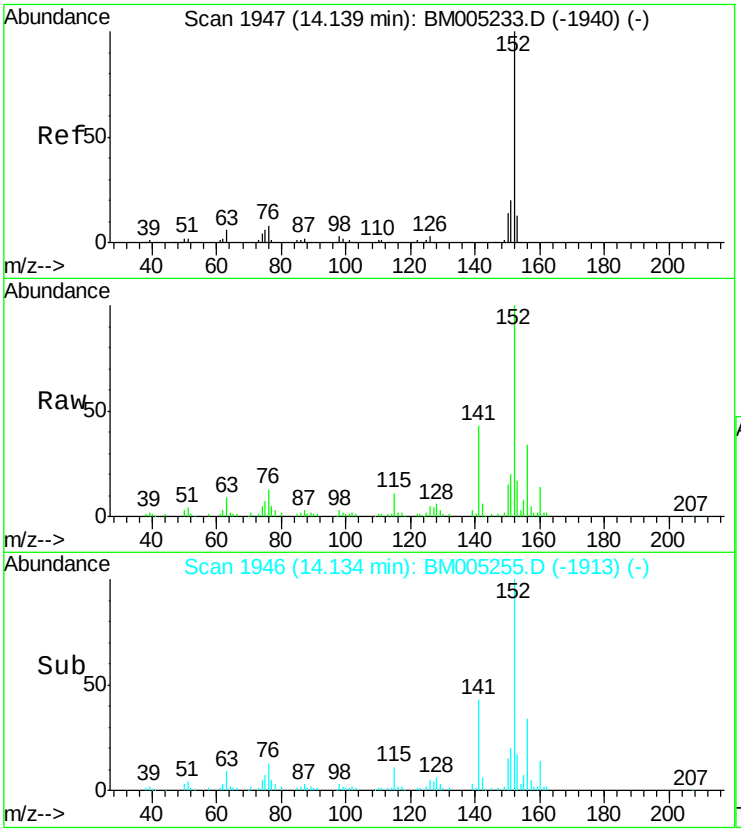


#40
1,1'-Biphenyl
Concen: 30.11 ng/ul
RT: 13.25 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Tgt Ion:154 Resp: 840662

Ion	Ratio	Lower	Upper
154	100		
153	40.4	32.1	48.1
76	12.9	10.6	15.8



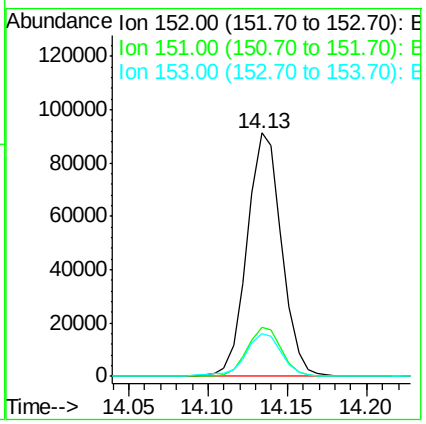


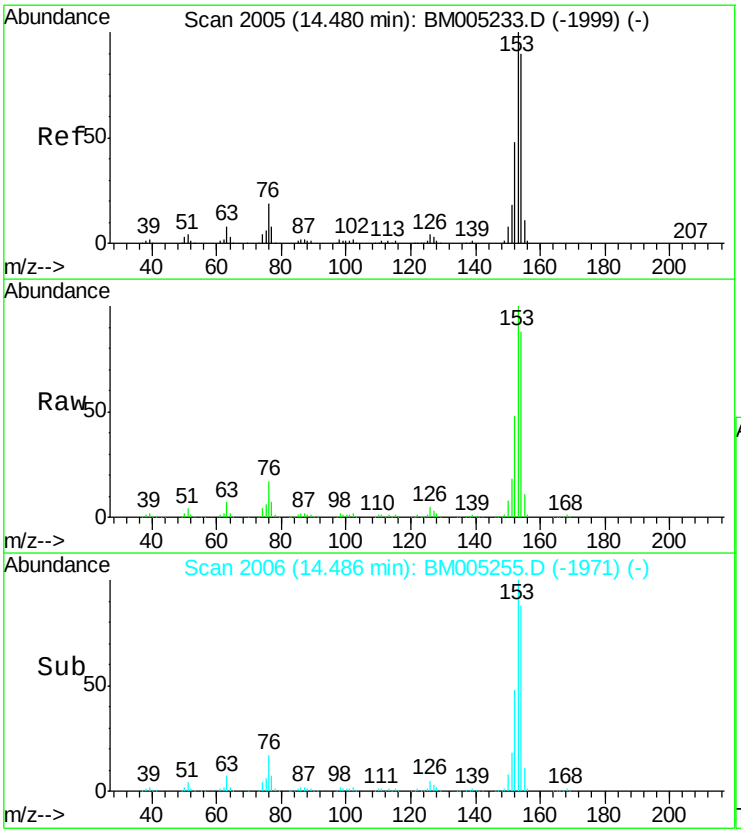
#47
Acenaphthylene
Concen: 3.95 ng/ul
RT: 14.13 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Instrument :
BNA_M
ClientSampleId :
BC7T2

Tgt Ion:152 Resp: 138319

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	17.3	10.3	15.5#

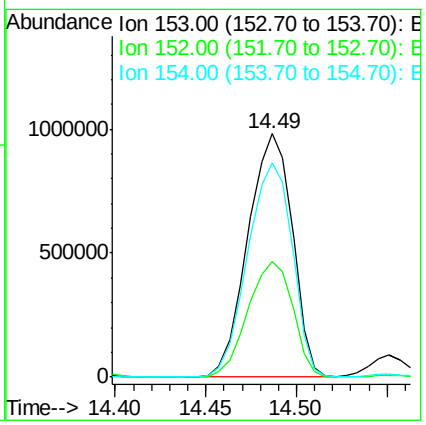


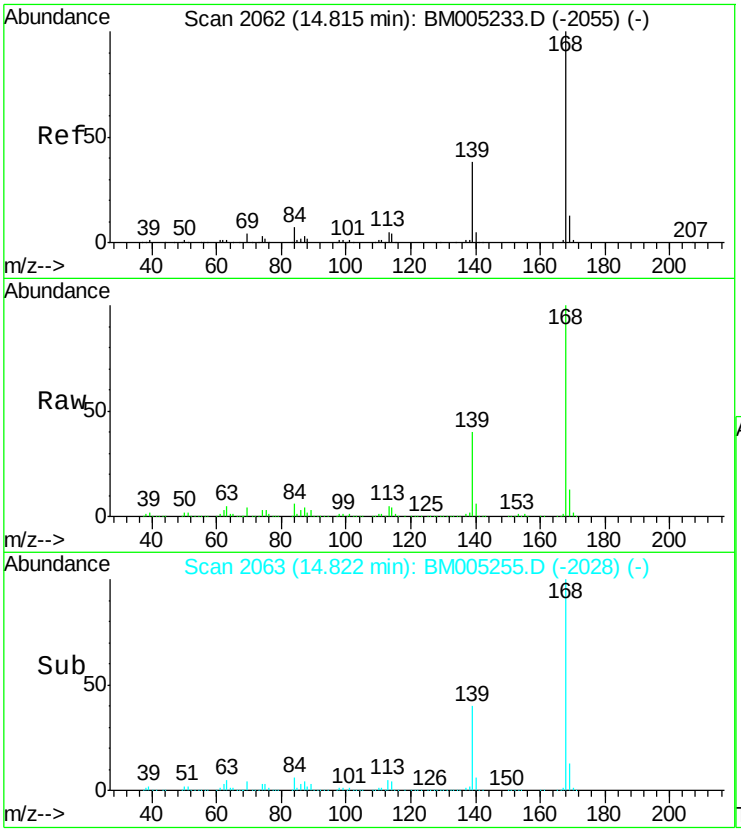


#49
Acenaphthene
Concen: 72.47 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Tgt Ion:153 Resp: 1674350

Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.9	58.3
154	88.2	70.3	105.5



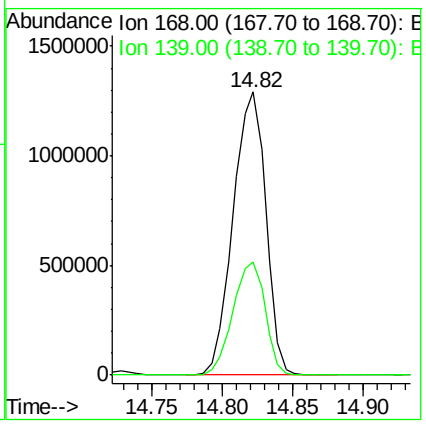


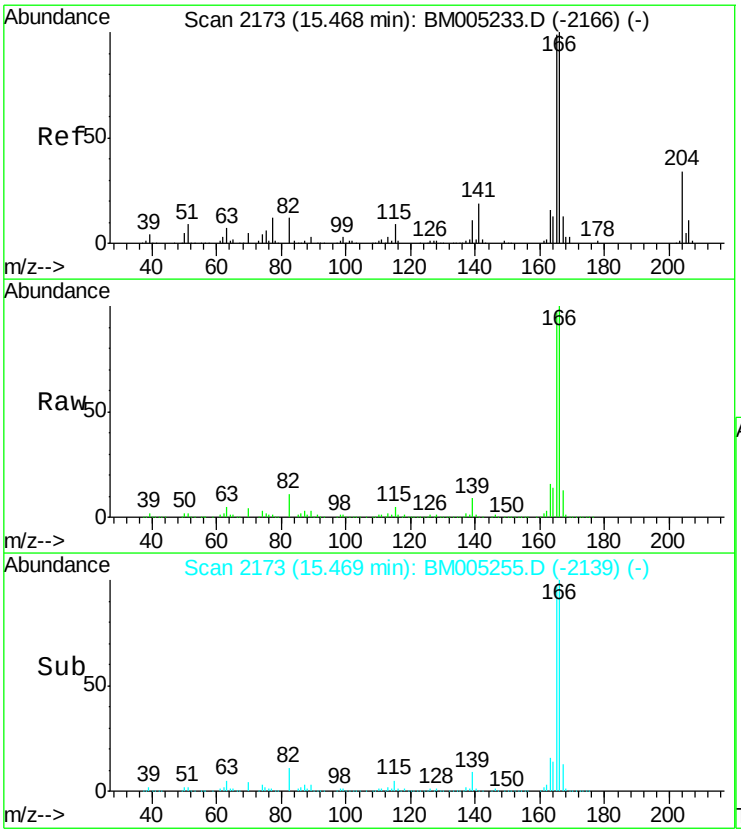
#53
Dibenzofuran
Concen: 62.32 ng/ul
RT: 14.82 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Instrument :
BNA_M
ClientSampleId :
BC7T2

Tgt Ion:168 Resp: 2089203

Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.3	45.5

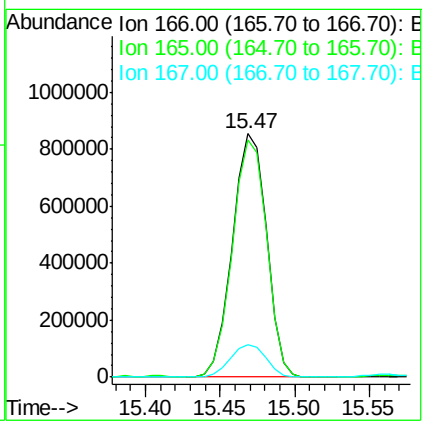


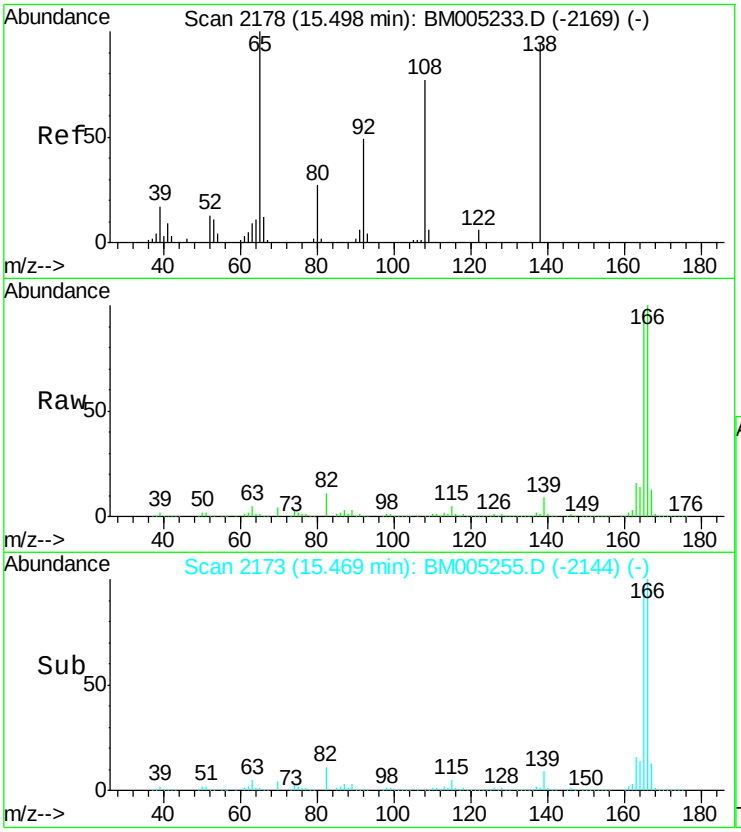


#58
Fluorene
Concen: 51.94 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Tgt Ion:166 Resp: 1361337

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	13.5	10.6	16.0



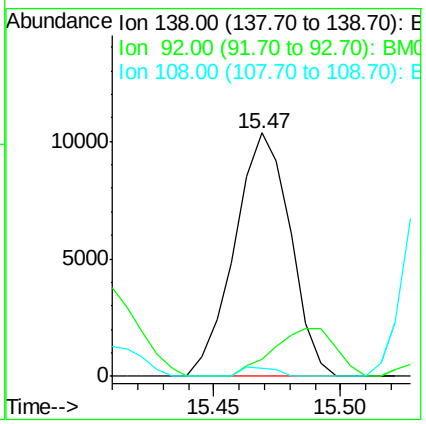


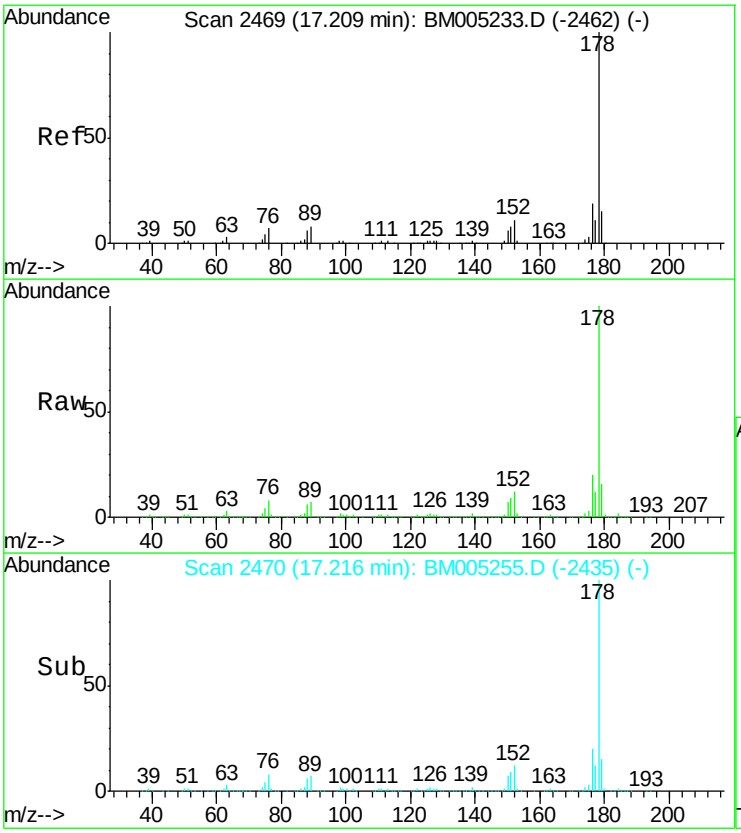
#60
4-Nitroaniline
Concen: 2.52 ng/ul
RT: 15.47 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Instrument :
BNA_M
ClientSampleId :
BC7T2

Tgt Ion:138 Resp: 15846

Ion	Ratio	Lower	Upper
138	100		
92	7.1	44.3	66.5#
108	3.1	66.3	99.5#

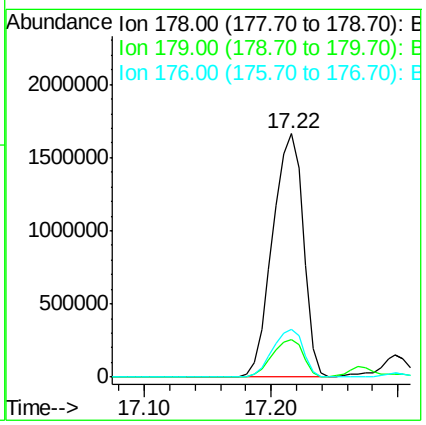


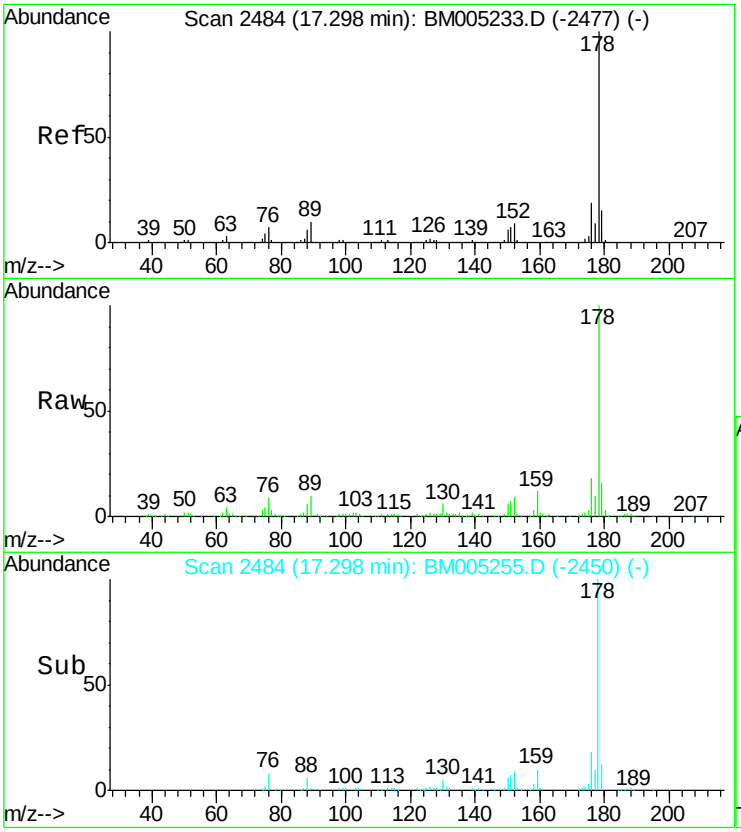


#69
Phenanthrene
Concen: 65.61 ng/ul
RT: 17.22 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Tgt Ion:178 Resp: 2818504

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.7	15.2	22.8



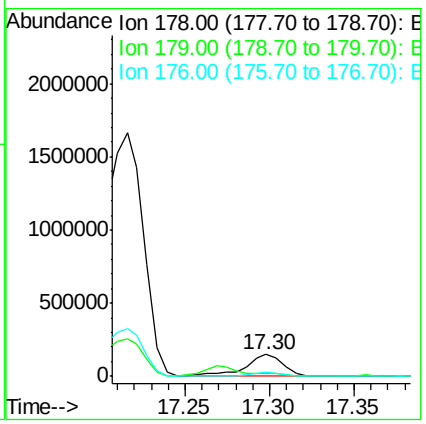


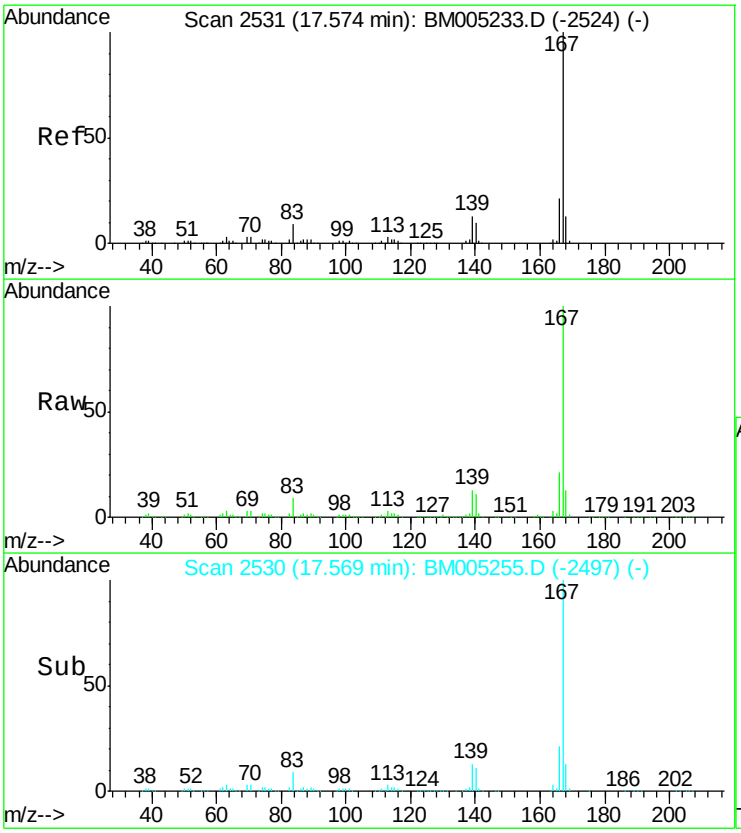
#71
Anthracene
Concen: 5.27 ng/ul
RT: 17.30 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Instrument :
BNA_M
ClientSampleId :
BC7T2

Tgt Ion:178 Resp: 225780

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	18.0	15.1	22.7

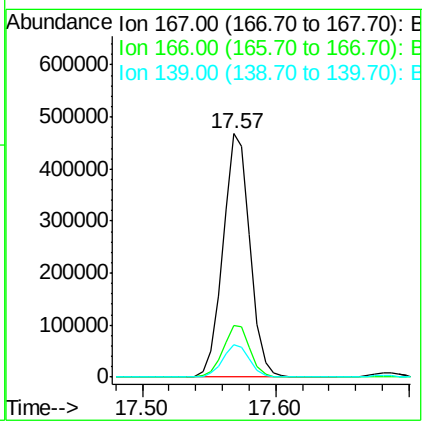


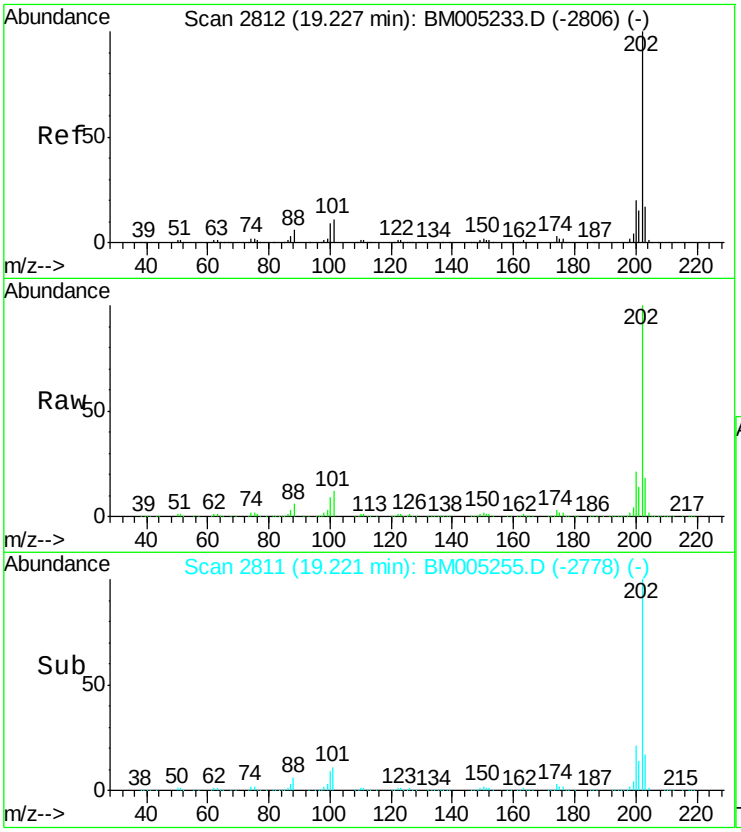


#72
Carbazole
Concen: 17.57 ng/ul
RT: 17.57 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Tgt Ion:167 Resp: 662079

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	13.2	10.2	15.2



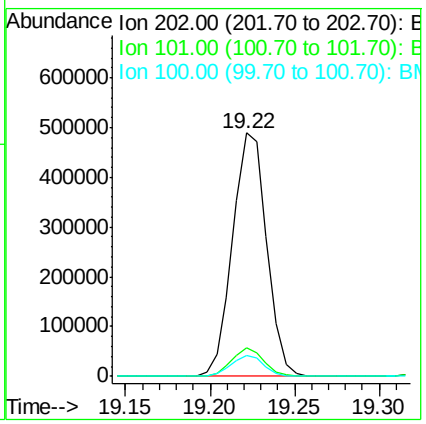


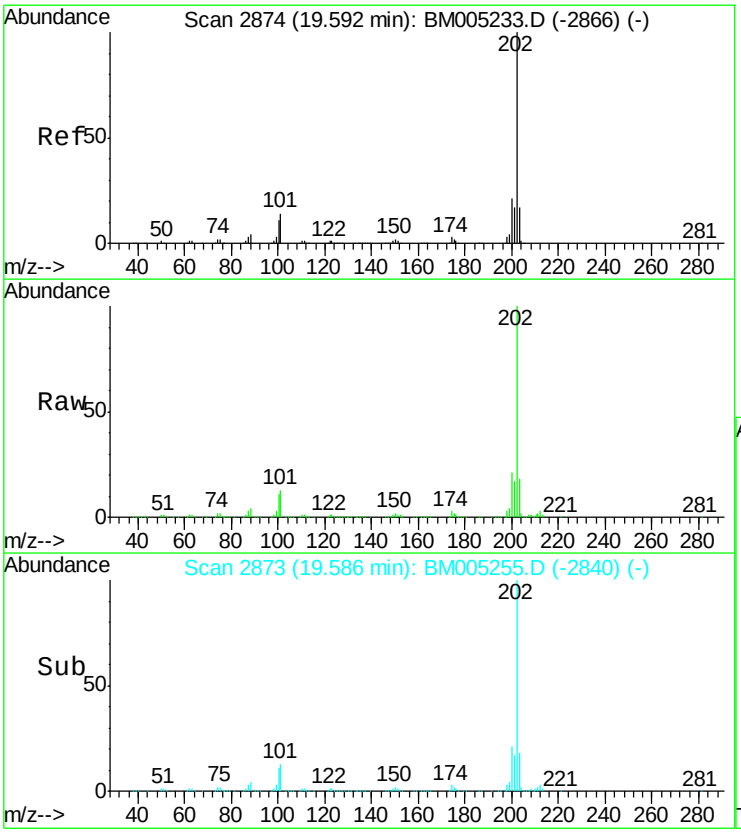
#74
Fluoranthene
Concen: 14.46 ng/ul
RT: 19.22 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Instrument :
BNA_M
ClientSampleId :
BC7T2

Tgt Ion:202 Resp: 688286

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.6	7.1	10.7





#77
Pyrene
Concen: 7.78 ng/ul
RT: 19.59 min Scan# 2873
Delta R.T. -0.01 min
Lab File: BM005255.D
Acq: 06 May 2016 03:35

Tgt Ion:202 Resp: 433185

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.8	16.2
100	10.6	8.4	12.6