Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
Data File : BM005272.D
Acq On : 06 May 2016 16:30
Operator : UM/SJ
Sample : H2813-11DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7T1DL

Quant Time: May 06 17:31:17 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	7.77	152	81652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	401242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	277766	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	674760	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	792210	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	751858	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	2108	0.28	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	9094	2.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	8356	1.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	5211	0.85	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	4635	1.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	5068	1.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	11099	1.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	138	0.02	ng/ul	0.01
43) Dimethylphthalate-d6	13.82	166	54597	2.45	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	61688	2.36	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.41	176	54216	2.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	3403	0.90	ng/ul	0.00
70) Anthracene-d10	17.26	188	85408	2.86	ng/ul	0.00
76) Pyrene-d10	19.56	212	102211	2.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	88914	2.67	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.61	128	1289794	63.89	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	197188	13.06	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	41645	1.89	ng/ul	99
49) Acenaphthene	14.47	153	107944	5.93	ng/ul	98
53) Dibenzofuran	14.81	168	136033	5.15	ng/ul	99
58) Fluorene	15.46	166	102781	4.98	ng/ul	99
69) Phenanthrene	17.20	178	226569	6.39	ng/ul	99
72) Carbazole	17.57	167	50959	1.64	ng/ul	99

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

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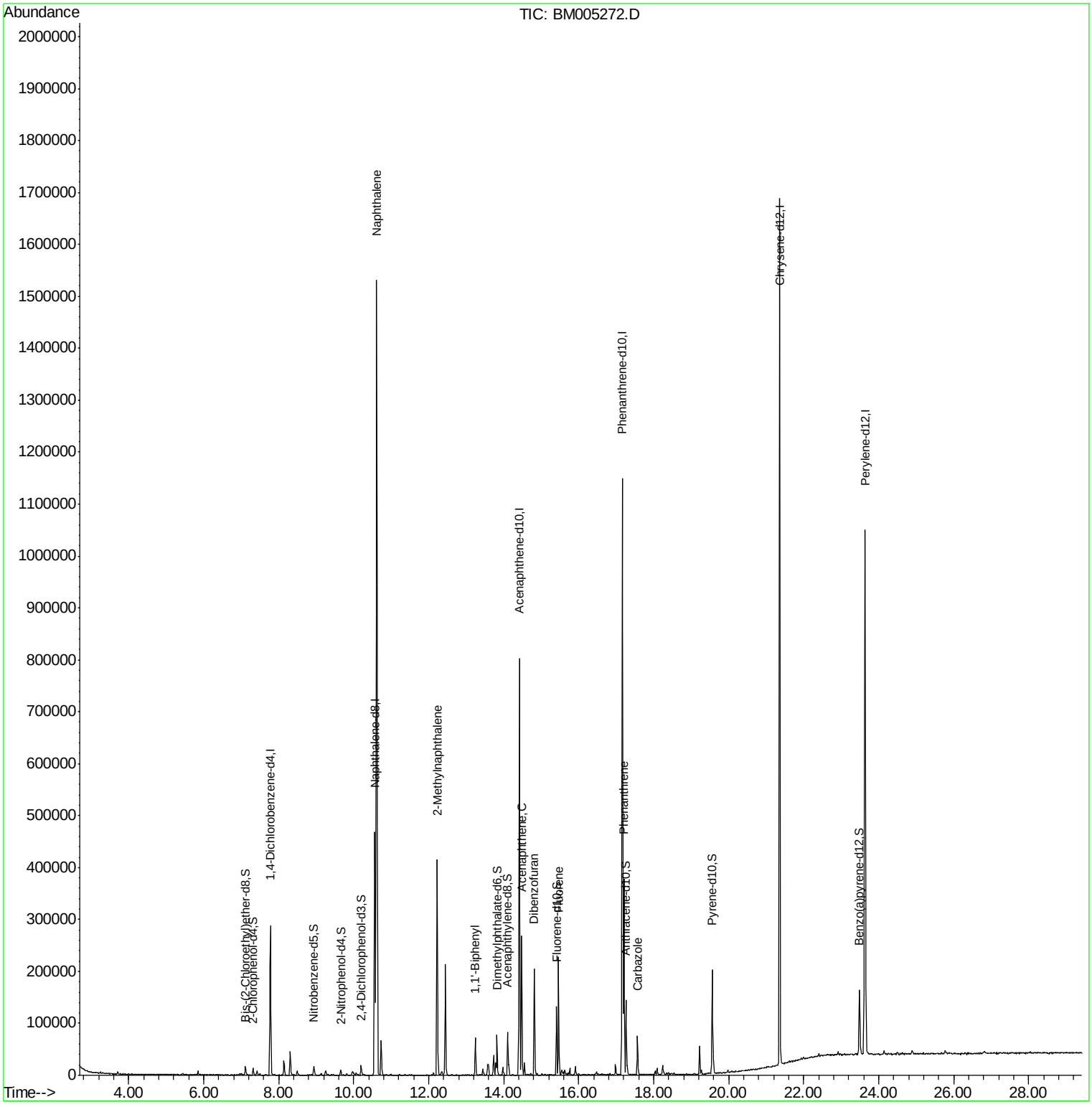
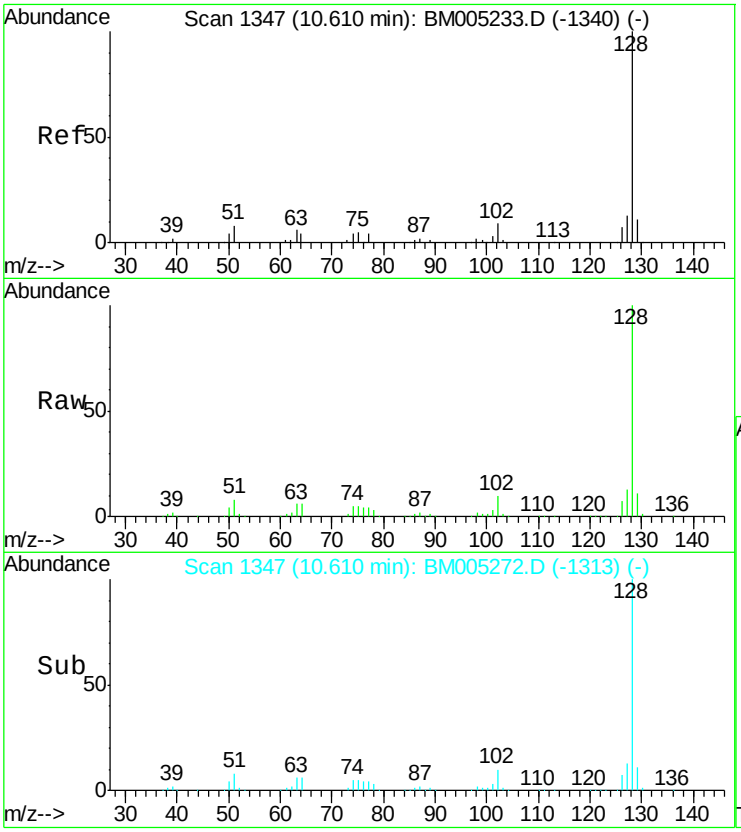


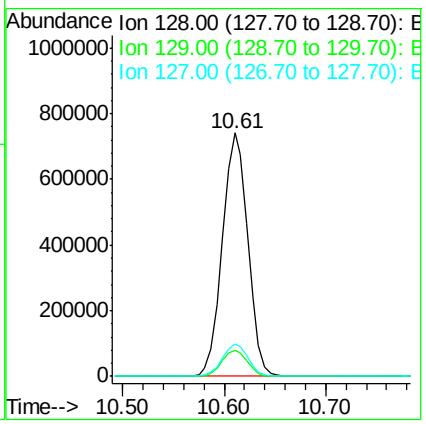


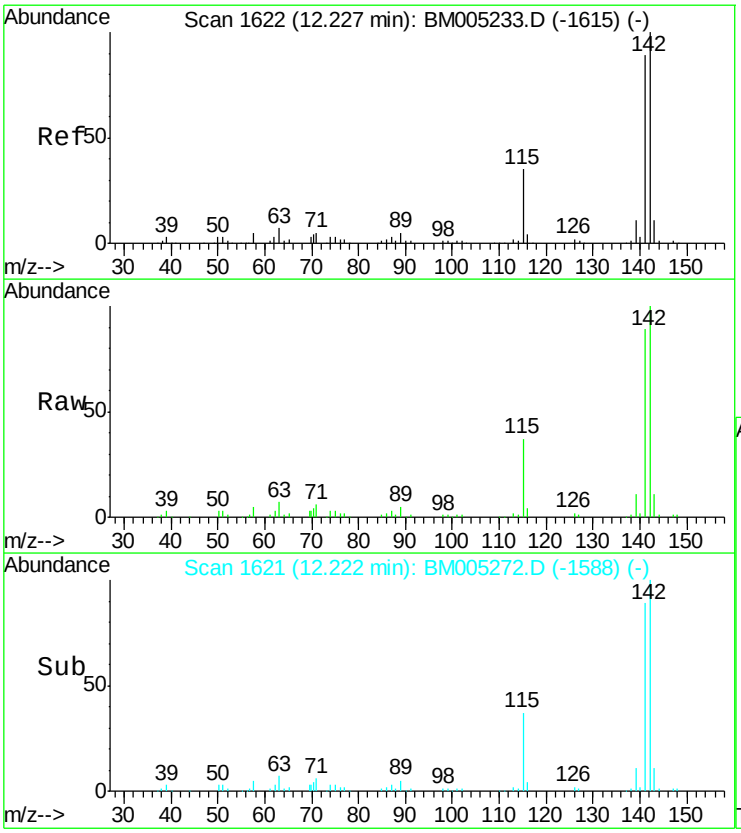
#28
Naphthalene
Concen: 63.89 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005272.D
Acq: 06 May 2016 16:30

Instrument :
BNA_M
ClientSampleId :
BC7T1DL

Tgt Ion:128 Resp: 1289794

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	13.2	10.8	16.2

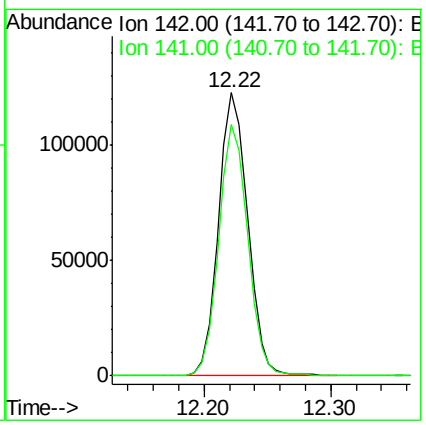


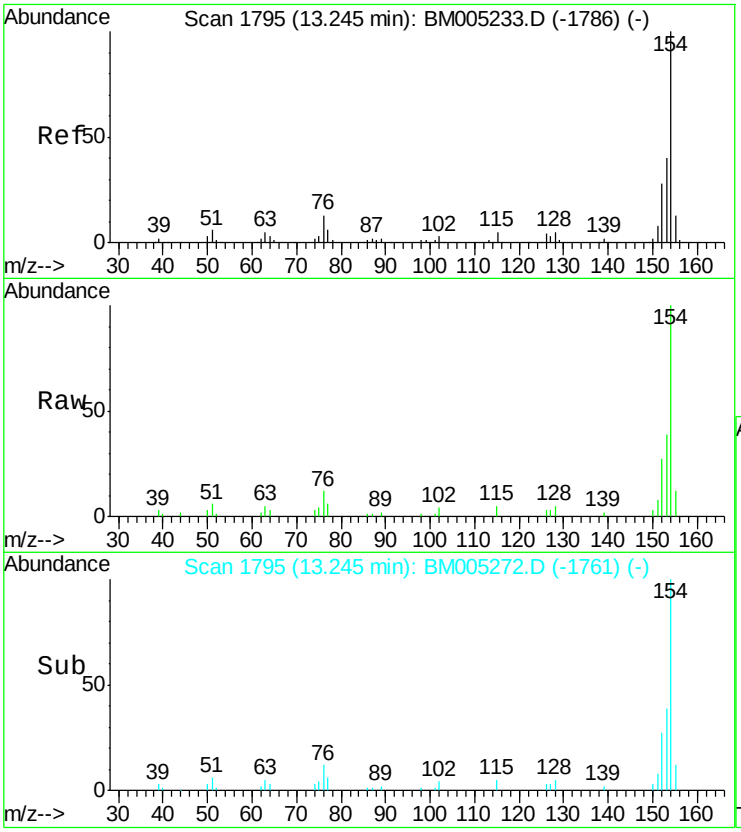


#34
2-Methylnaphthalene
Concen: 13.06 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BM005272.D
Acq: 06 May 2016 16:30

Tgt Ion:142 Resp: 197188

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9



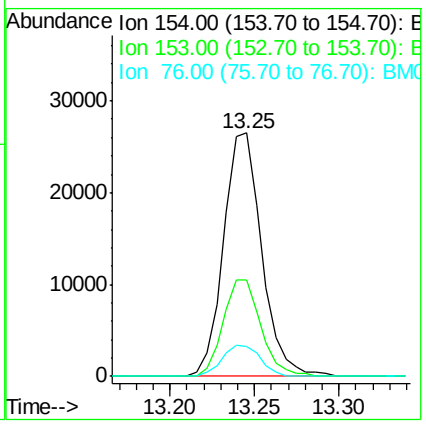


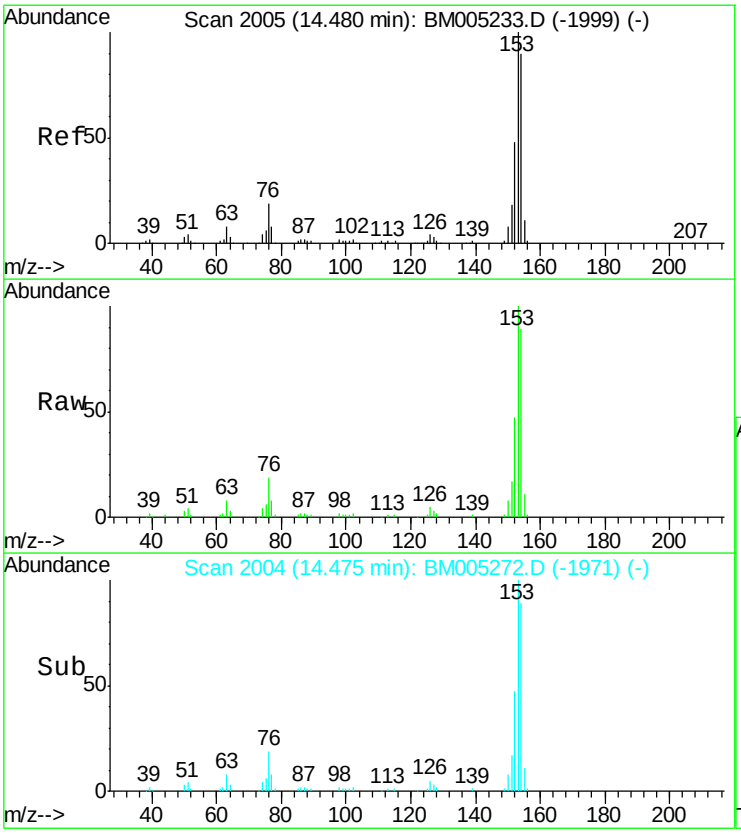
#40
1,1'-Biphenyl
Concen: 1.89 ng/ul
RT: 13.25 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BM005272.D
Acq: 06 May 2016 16:30

Instrument :
BNA_M
ClientSampleId :
BC7T1DL

Tgt Ion:154 Resp: 41645

Ion	Ratio	Lower	Upper
154	100		
153	39.4	32.1	48.1
76	12.4	10.6	15.8

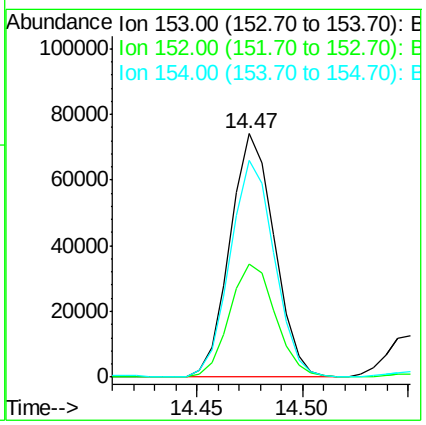


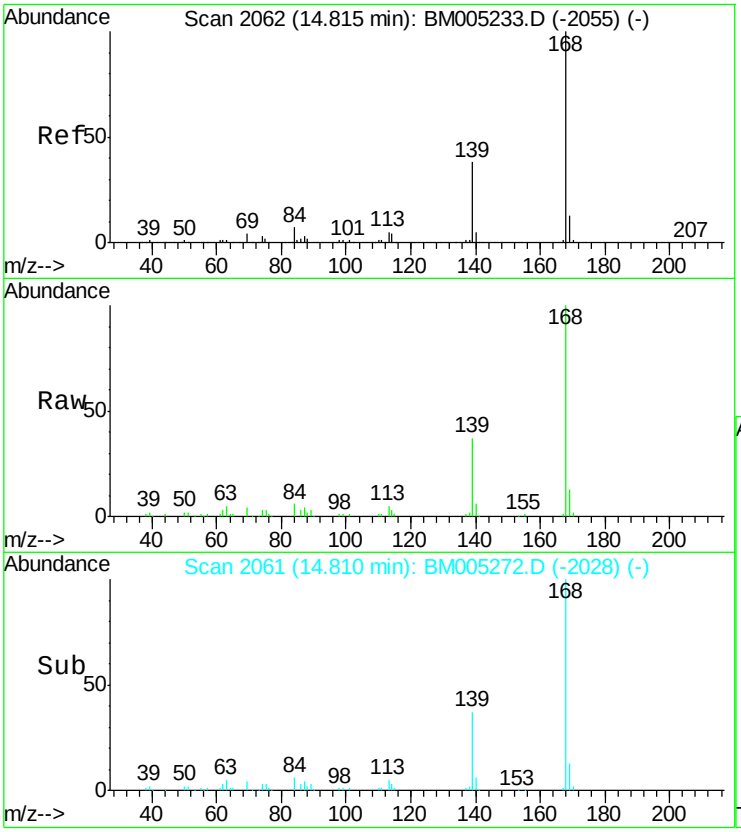


#49
Acenaphthene
Concen: 5.93 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BM005272.D
Acq: 06 May 2016 16:30

Tgt Ion:153 Resp: 107944

Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.9	58.3
154	89.3	70.3	105.5



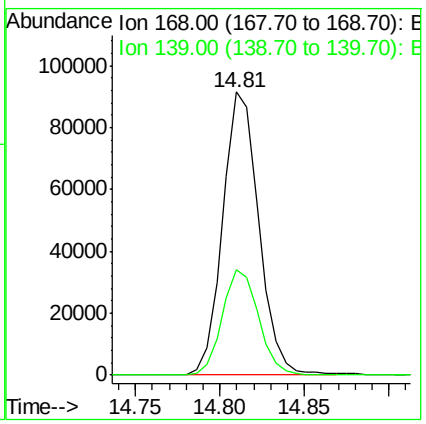


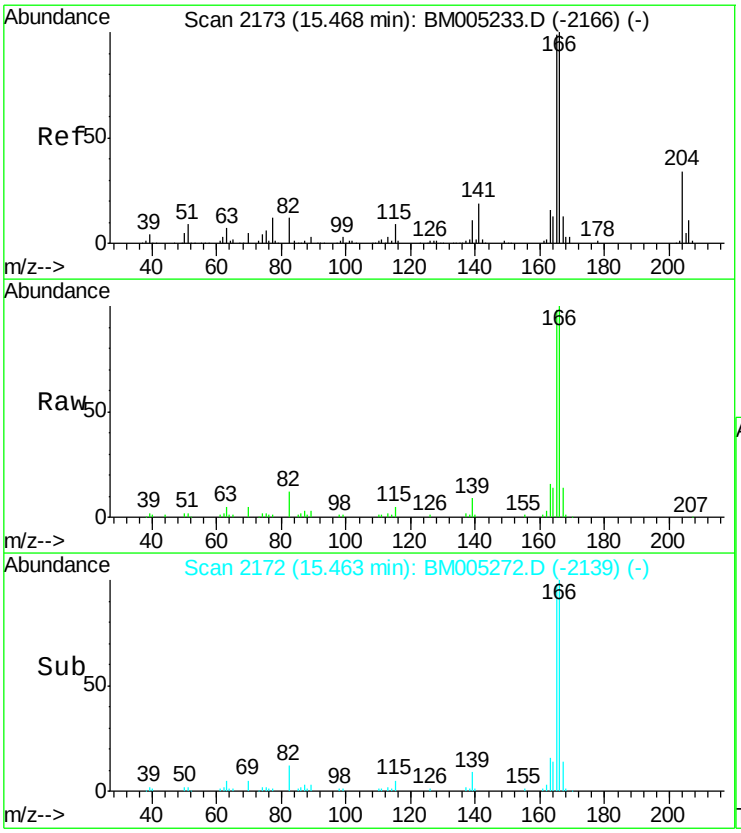
#53
Dibenzofuran
Concen: 5.15 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM005272.D
Acq: 06 May 2016 16:30

Instrument :
BNA_M
ClientSampleId :
BC7T1DL

Tgt Ion:168 Resp: 136033

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.3	45.5

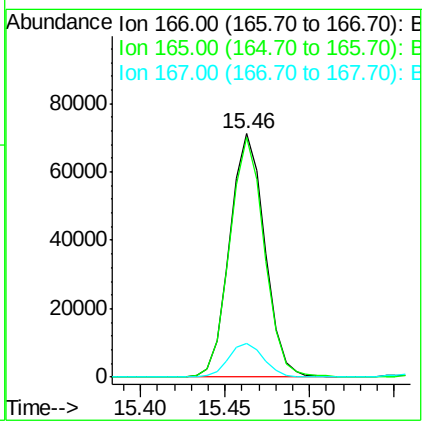


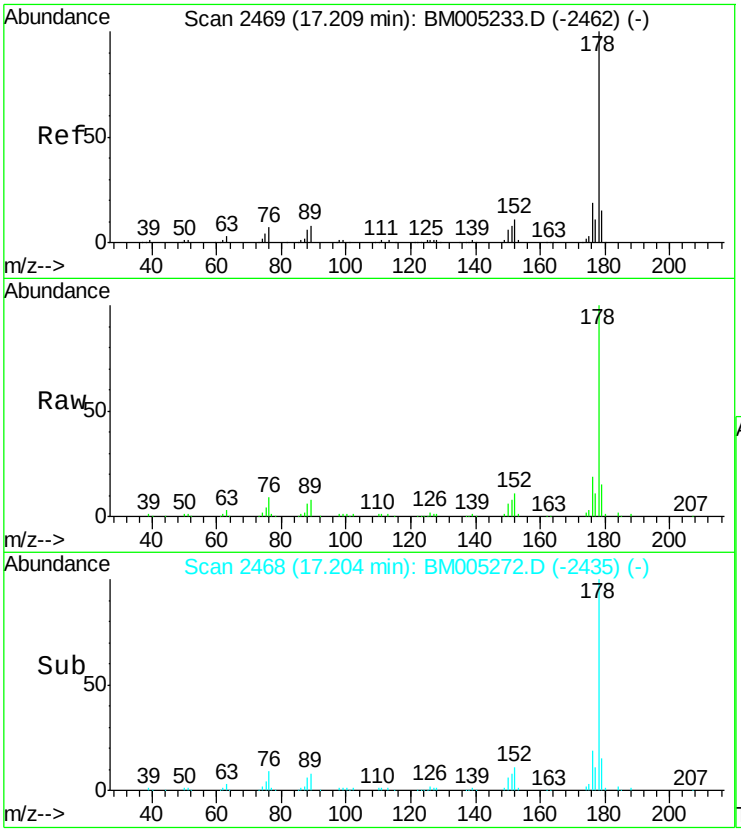


#58
Fluorene
Concen: 4.98 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM005272.D
Acq: 06 May 2016 16:30

Tgt Ion:166 Resp: 102781

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.9	116.9
167	13.8	10.6	16.0



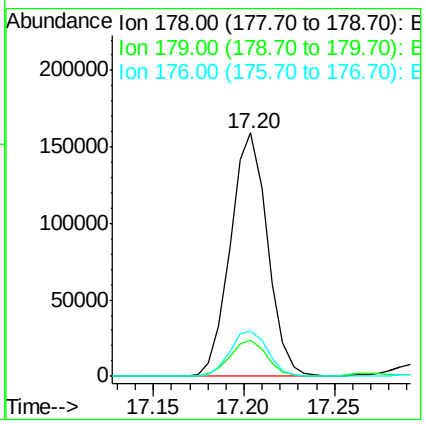


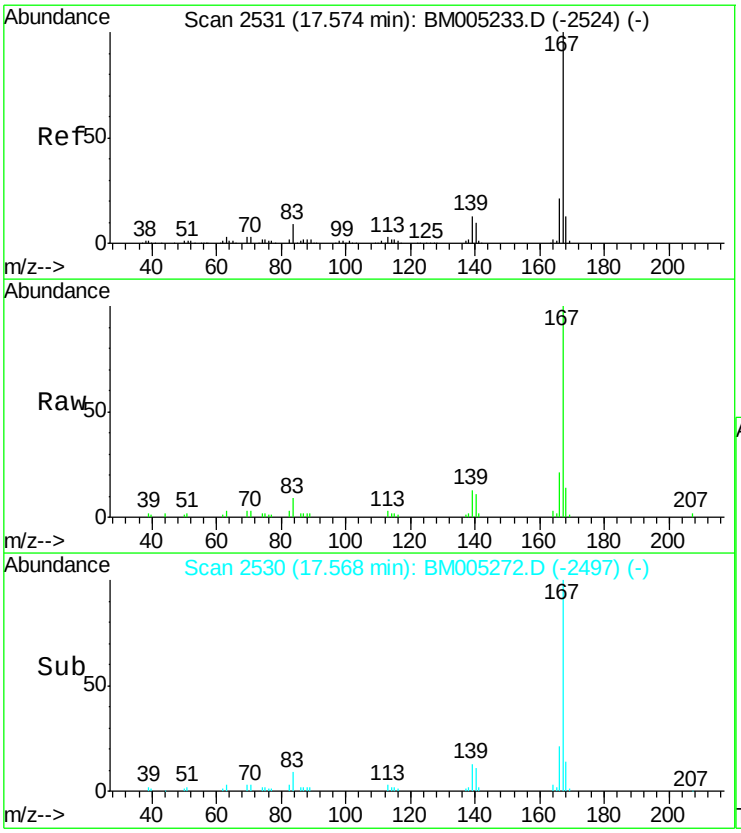
#69
Phenanthrene
Concen: 6.39 ng/ul
RT: 17.20 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BM005272.D
Acq: 06 May 2016 16:30

Instrument :
BNA_M
ClientSampleId :
BC7T1DL

Tgt Ion:178 Resp: 226569

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.8	15.2	22.8





#72
Carbazole
Concen: 1.64 ng/ul
RT: 17.57 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BM005272.D
Acq: 06 May 2016 16:30

Tgt Ion:167 Resp: 50959

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	13.1	10.2	15.2