Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005267.D
Acq On : 06 May 2016 12:49
Operator : UM/SJ
Sample : H2813-04DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7P3DL

Quant Time: May 11 07:43:00 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	71483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	350550	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	240534	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	596147	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	716999	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	679457	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	2024	0.31	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	8492	2.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	7848	1.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	4838	0.90	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	4562	1.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	4735	1.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	9696	1.84	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	285	0.04	ng/ul	-0.03
43) Dimethylphthalate-d6	13.82	166	48939	2.54	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	54493	2.41	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.41	176	48622	2.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	3585	1.07	ng/ul	0.00
70) Anthracene-d10	17.26	188	77164	2.93	ng/ul	0.00
76) Pyrene-d10	19.56	212	94097	2.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	84497	2.81	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.61	128	1115120	63.22	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	219346	16.63	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	74515	3.91	ng/ul	97
49) Acenaphthene	14.47	153	192486	12.21	ng/ul	99
53) Dibenzofuran	14.81	168	229508	10.03	ng/ul	99
58) Fluorene	15.46	166	149643	8.37	ng/ul	100
69) Phenanthrene	17.20	178	391877	12.50	ng/ul	99
72) Carbazole	17.57	167	60100	2.19	ng/ul	99
74) Fluoranthene	19.22	202	80000	2.30	ng/ul	99

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

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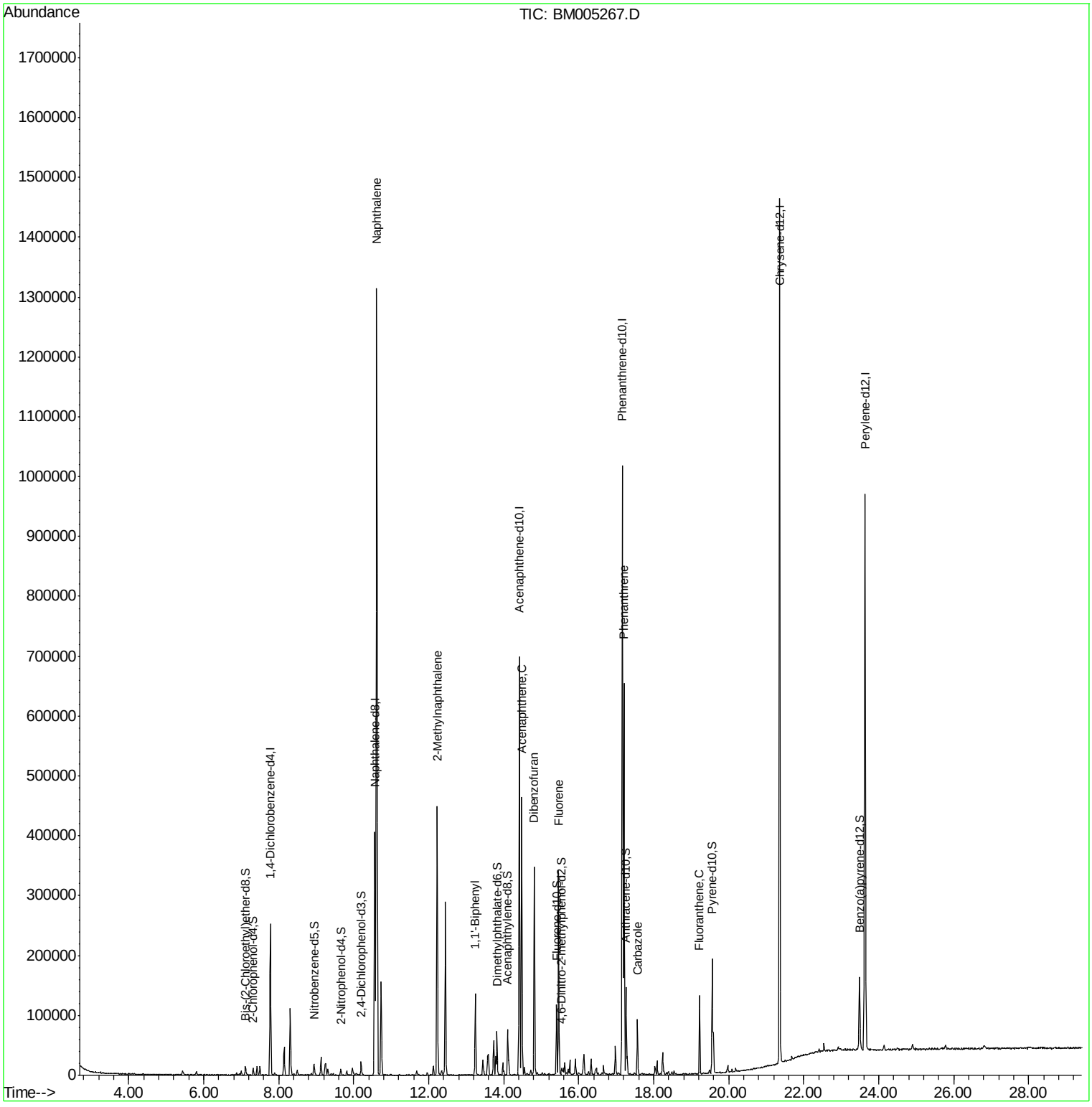
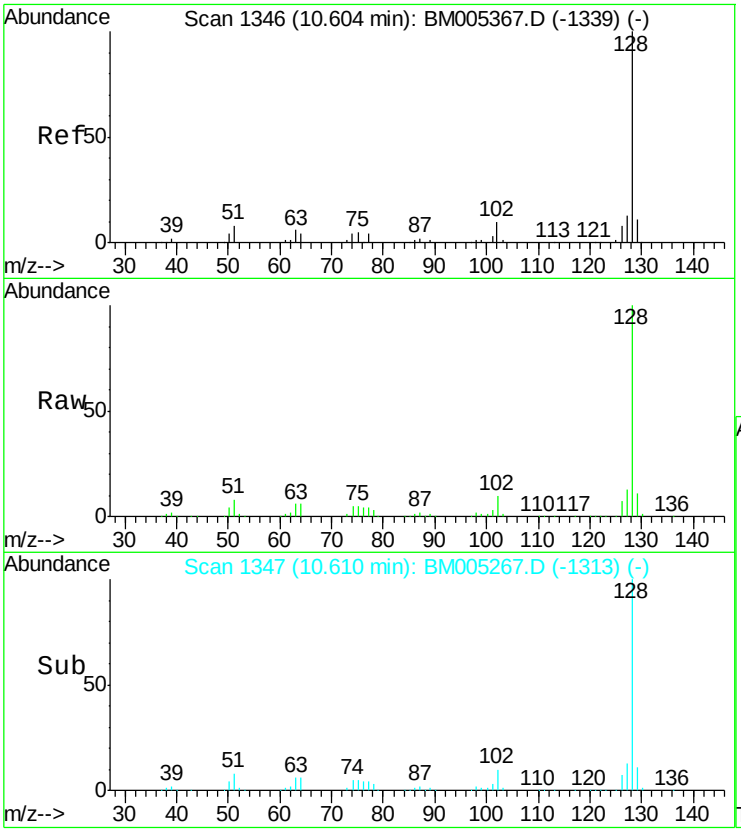


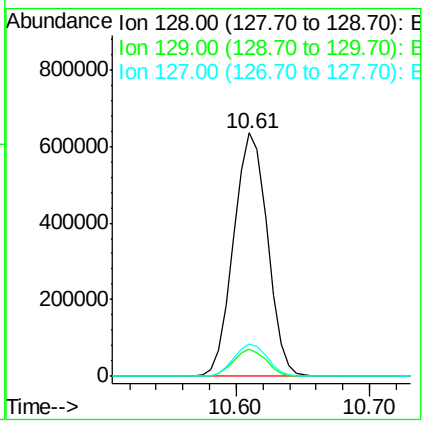


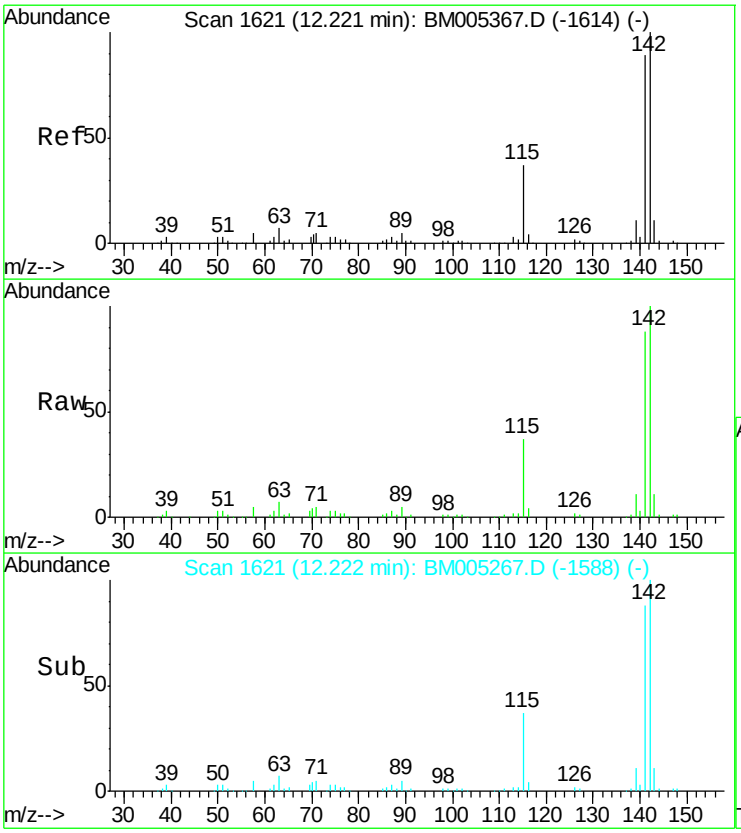
#28
Naphthalene
Concen: 63.22 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Instrument :
BNA_M
ClientSampleId :
BC7P3DL

Tgt Ion:128 Resp: 1115120

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.4	12.6
127	13.1	10.8	16.2

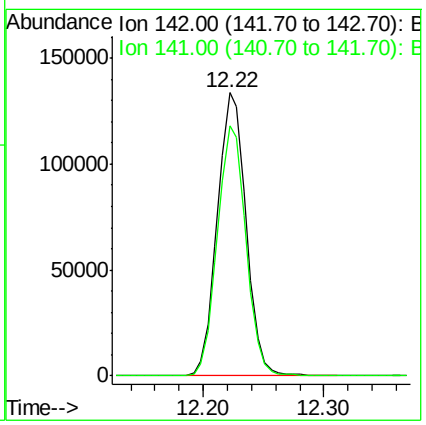


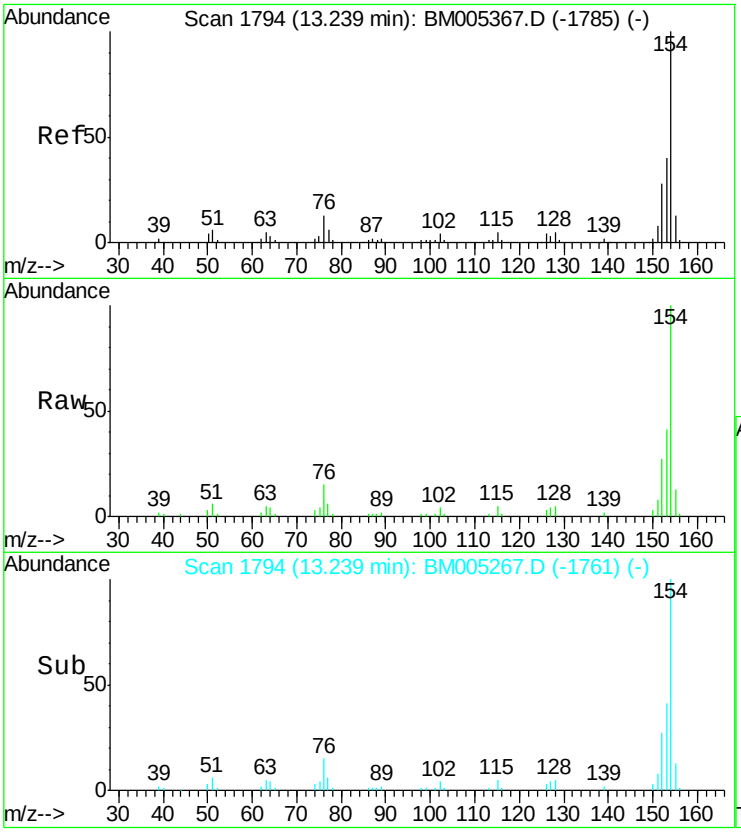


#34
2-Methylnaphthalene
Concen: 16.63 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Tgt Ion:142 Resp: 219346

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9



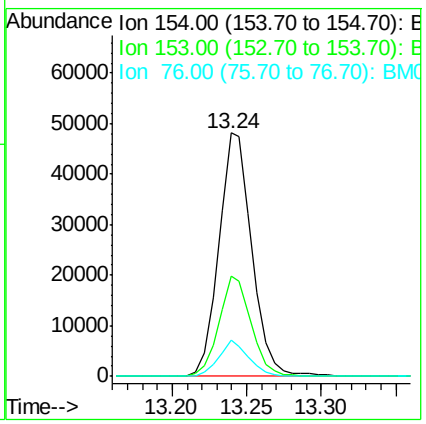


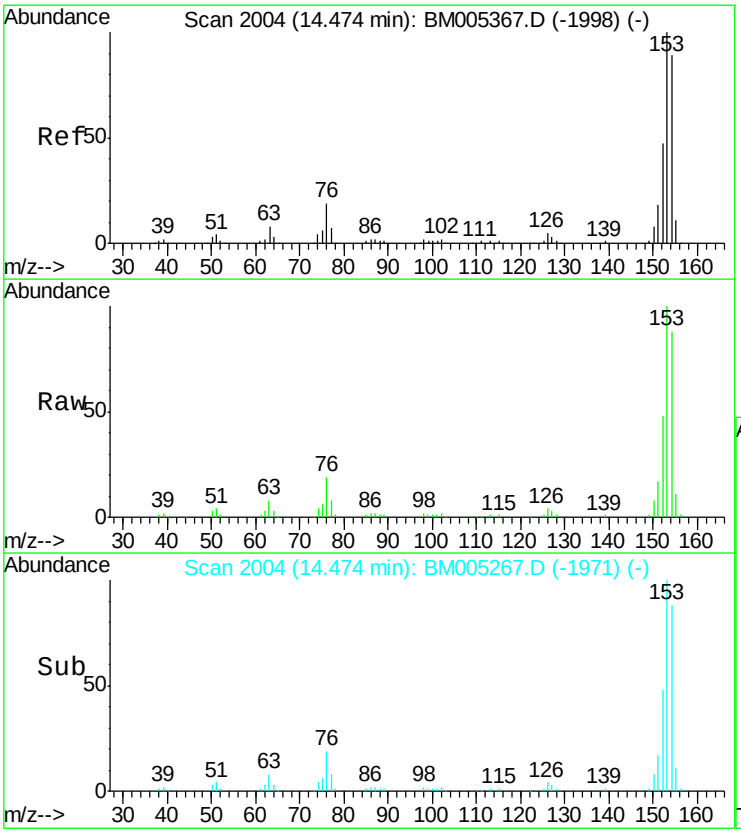
#40
1,1'-Biphenyl
Concen: 3.91 ng/ul
RT: 13.24 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Instrument :
BNA_M
ClientSampleId :
BC7P3DL

Tgt Ion:154 Resp: 74515

Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.1	48.1
76	14.7	10.6	15.8

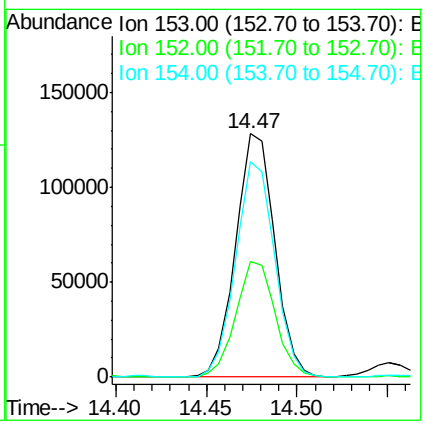


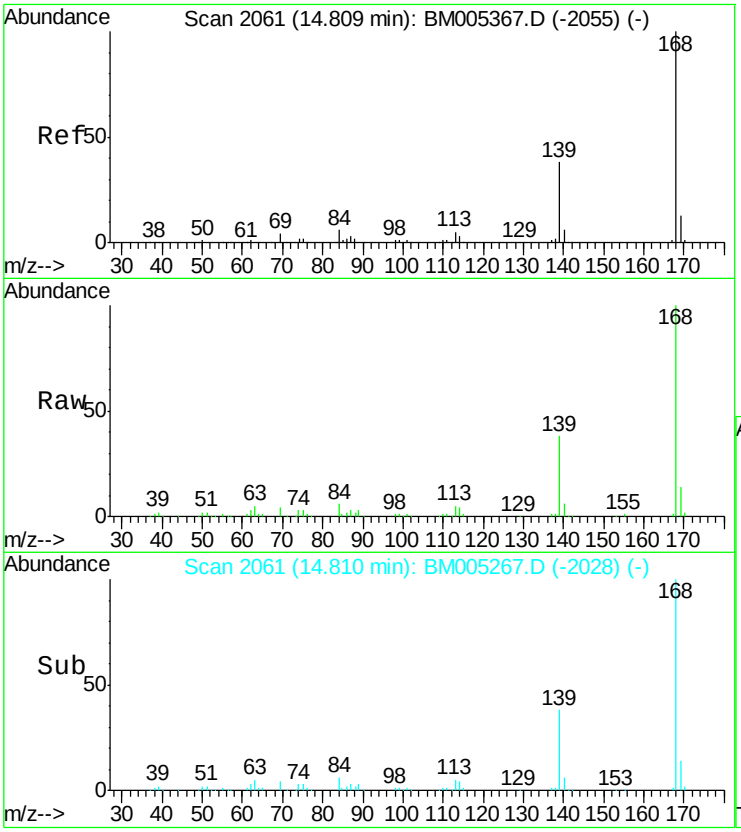


#49
Acenaphthene
Concen: 12.21 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Tgt Ion:153 Resp: 192486

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.9	58.3
154	88.3	70.3	105.5



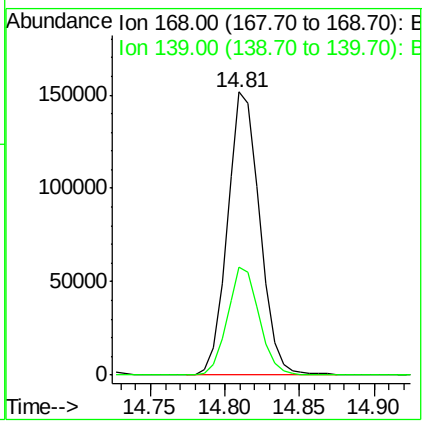


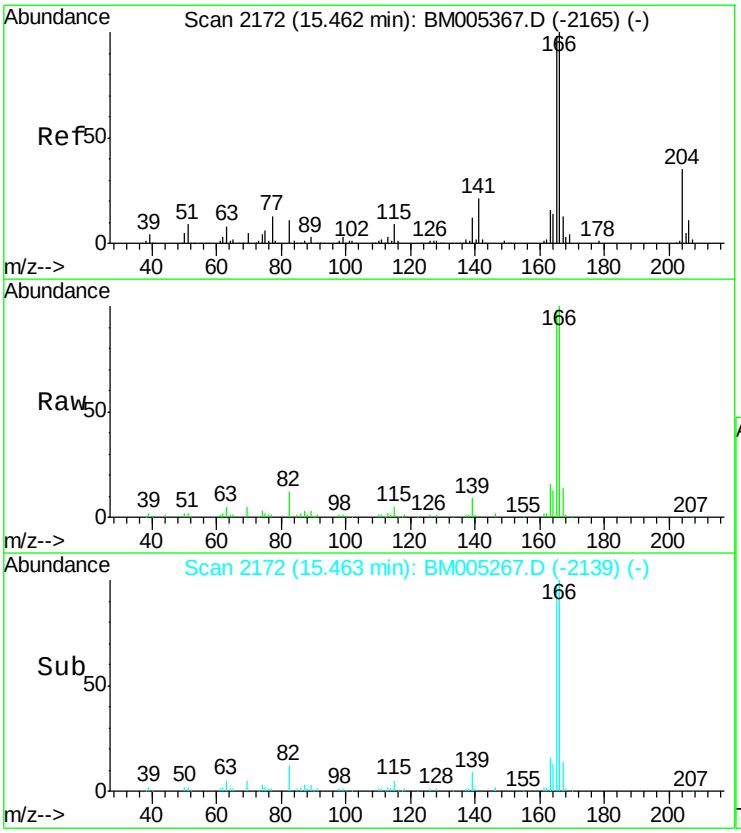
#53
Dibenzofuran
Concen: 10.03 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Instrument :
BNA_M
ClientSampleId :
BC7P3DL

Tgt Ion:168 Resp: 229508

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.3	45.5

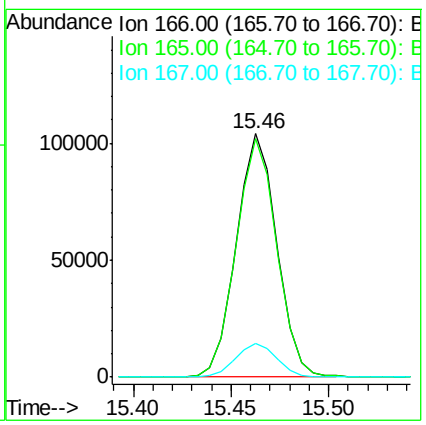


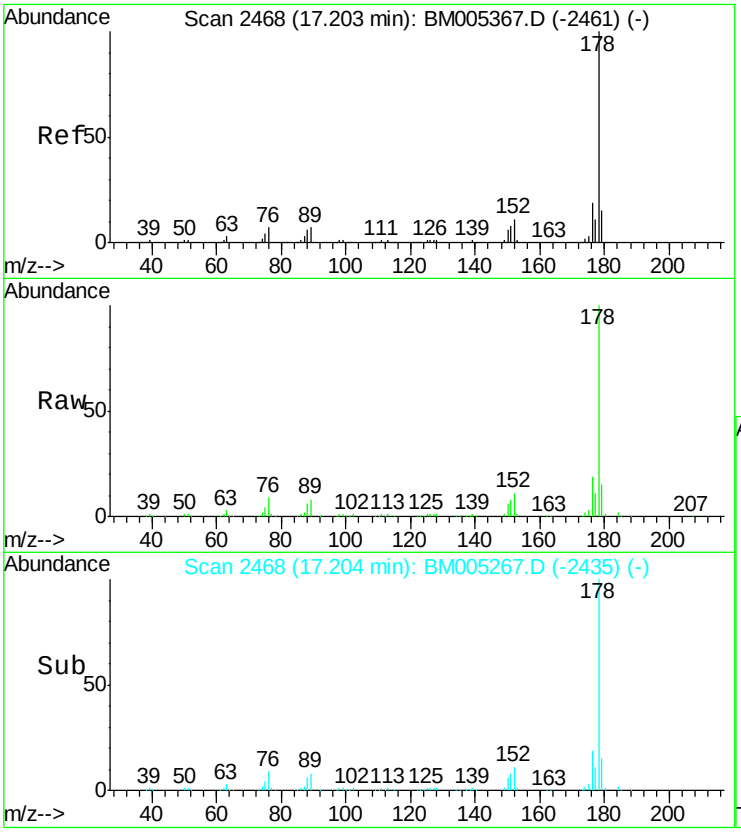


#58
Fluorene
Concen: 8.37 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Tgt Ion:166 Resp: 149643

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	13.6	10.6	16.0



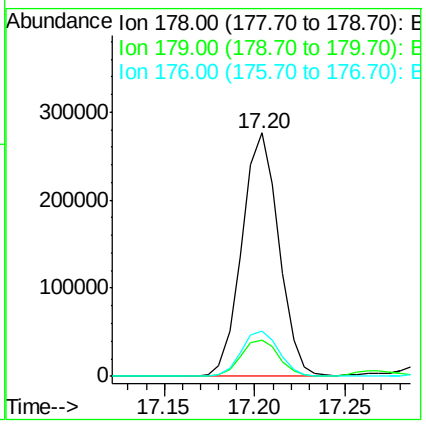


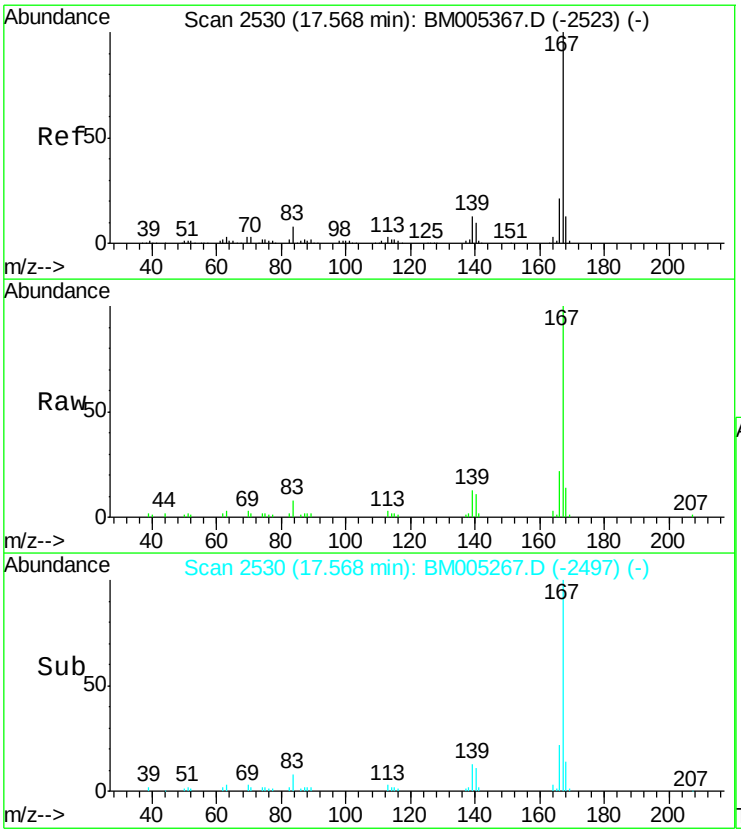
#69
Phenanthrene
Concen: 12.50 ng/ul
RT: 17.20 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Instrument :
BNA_M
ClientSampleId :
BC7P3DL

Tgt Ion:178 Resp: 391877

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.8	15.2	22.8

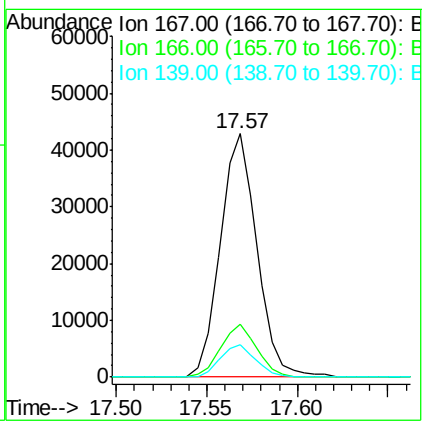


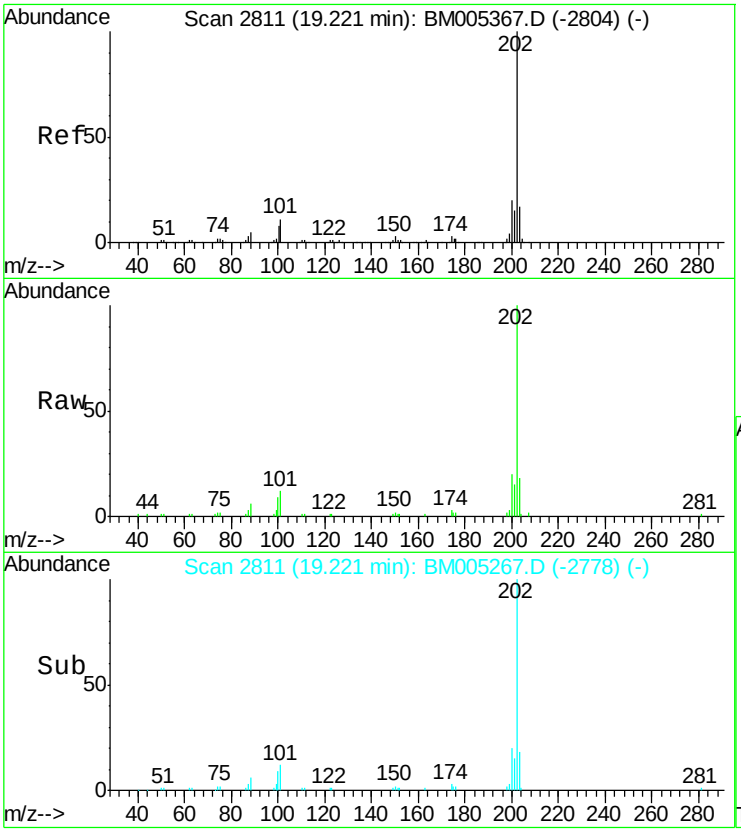


#72
Carbazole
Concen: 2.19 ng/ul
RT: 17.57 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Tgt Ion:167 Resp: 60100

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.1	10.2	15.2





#74
Fluoranthene
Concen: 2.30 ng/ul
RT: 19.22 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Instrument :
BNA_M
ClientSampleId :
BC7P3DL

Tgt Ion:202 Resp: 80000

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	8.7	7.1	10.7