Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008328.D
Acq On : 15 Dec 2016 02:49
Operator : UM/SJ
Sample : H5976-16
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P8

Quant Time: Dec 15 03:26:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:56:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	139603	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	566534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	367115	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	688376	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	798469	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	809050	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	3494	1.18	ng/uL	0.00
5) Phenol-d5	6.87	99	62323	5.76	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	192253	30.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	198585	24.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	128249	15.29	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	132001	32.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	149432	32.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	248119	29.84	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.73	166	832099	34.10	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1003991	34.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	12576	3.50	ng/ul	0.05
57) Fluorene-d10	15.31	176	703368	33.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	113976	27.82	ng/ul	0.00
70) Anthracene-d10	17.16	188	1057563	35.26	ng/ul	0.00
76) Pyrene-d10	19.46	212	1178268	38.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1164178	34.27	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.49	128	894694	33.36	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	561680	28.99	ng/ul	100
49) Acenaphthene	14.37	153	761960	37.77	ng/ul	99
53) Dibenzofuran	14.72	168	398345	13.55	ng/ul	100
58) Fluorene	15.36	166	280002	11.60	ng/ul	98
69) Phenanthrene	17.10	178	69805	1.98	ng/ul	96
72) Carbazole	17.48	167	643430	20.41	ng/ul	99

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

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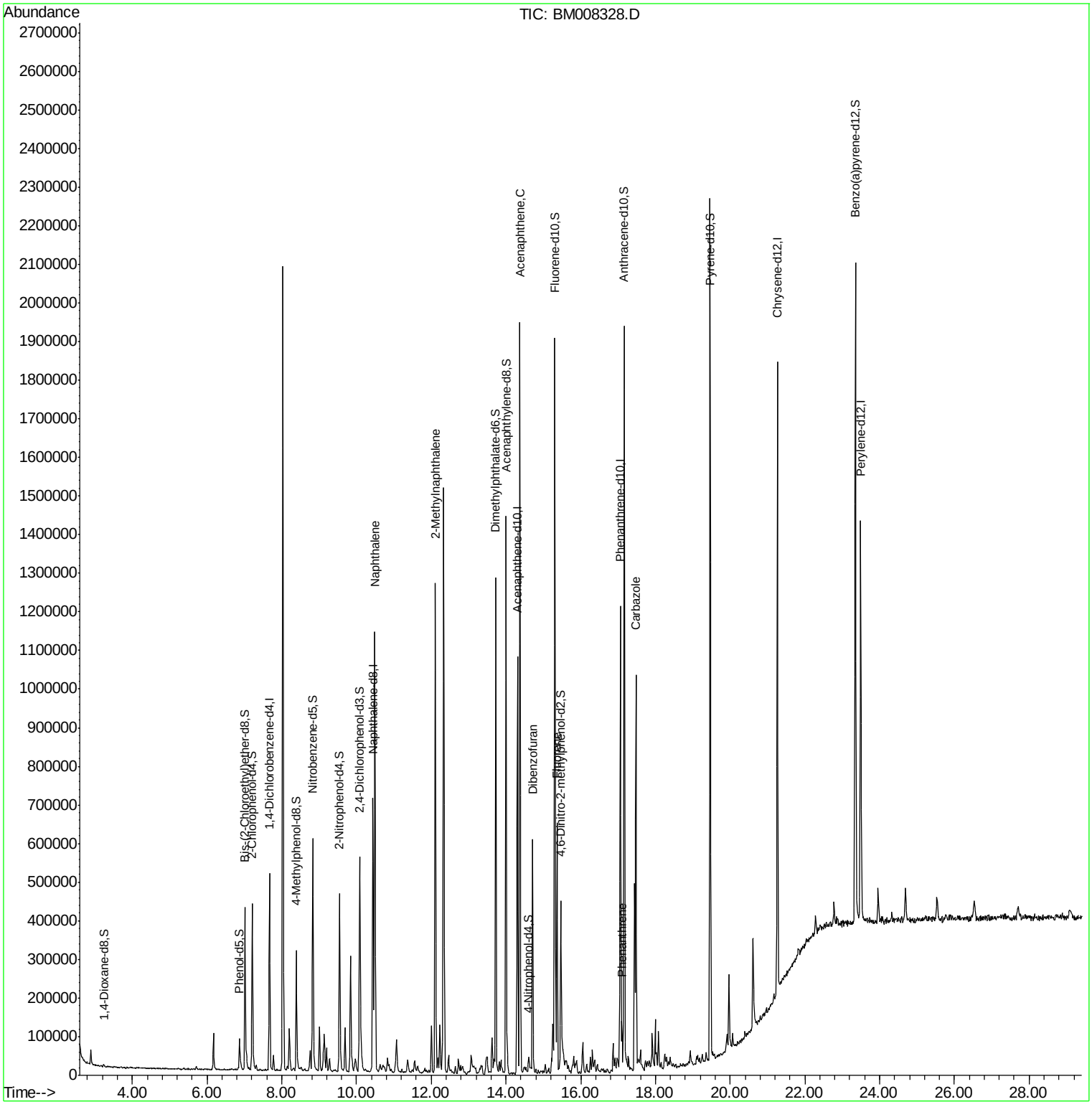
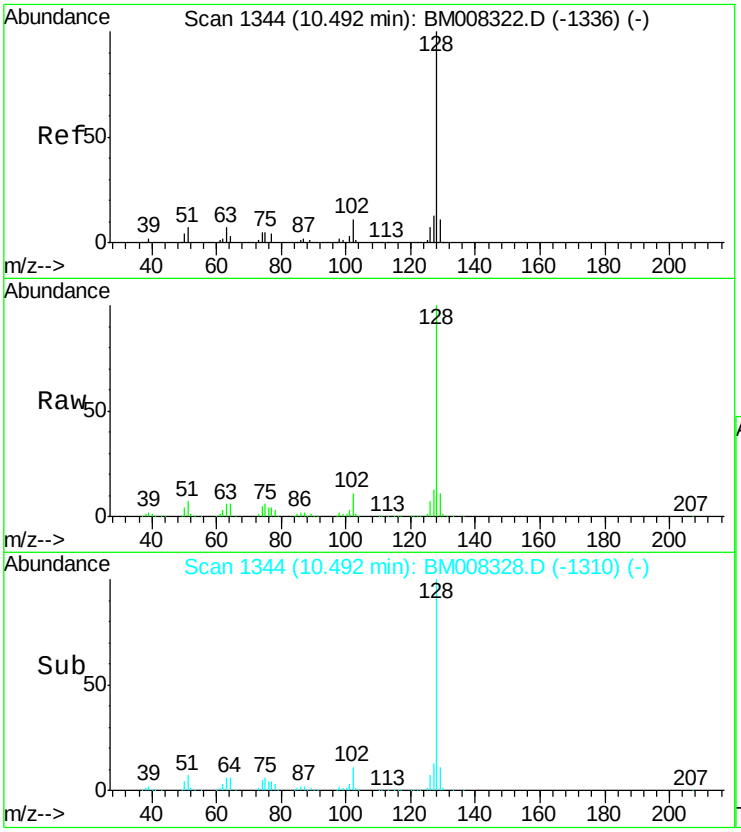


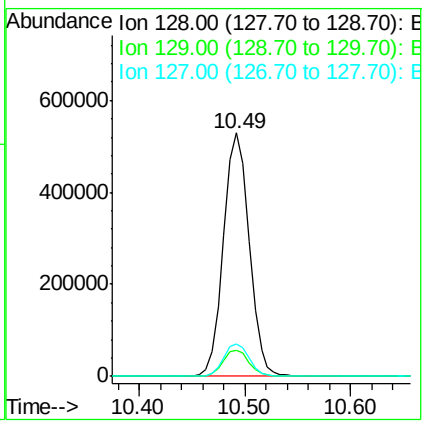


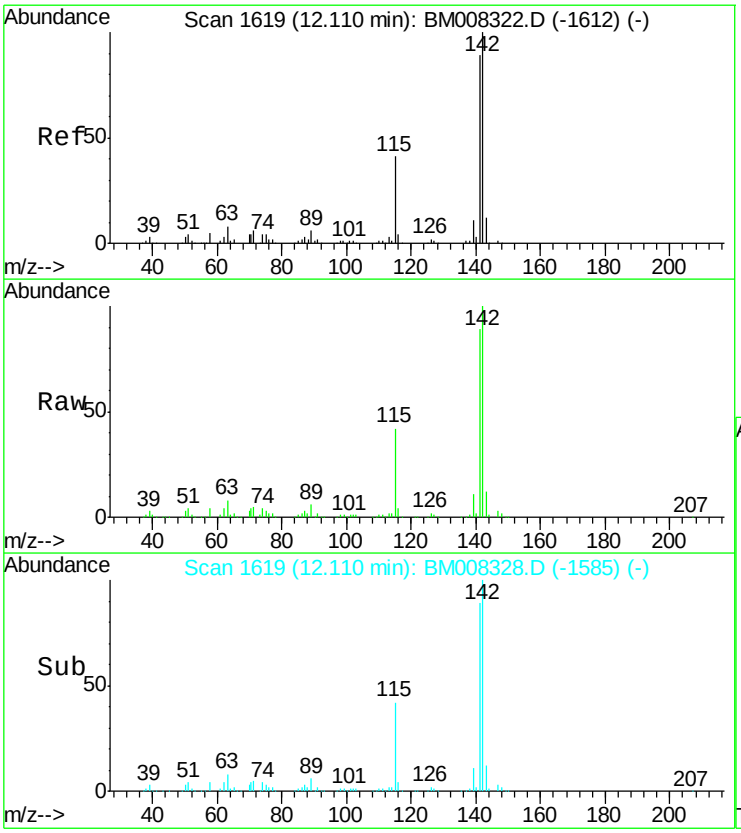
#28
Naphthalene
Concen: 33.36 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM008328.D
Acq: 15 Dec 2016 02:49

Instrument :
BNA_M
ClientSampleId :
DA8P8

Tgt Ion:128 Resp: 894694

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.1	10.4	15.6

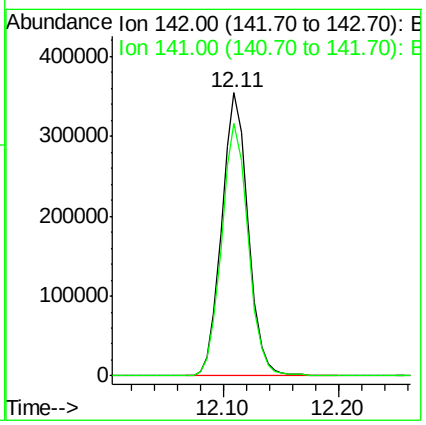


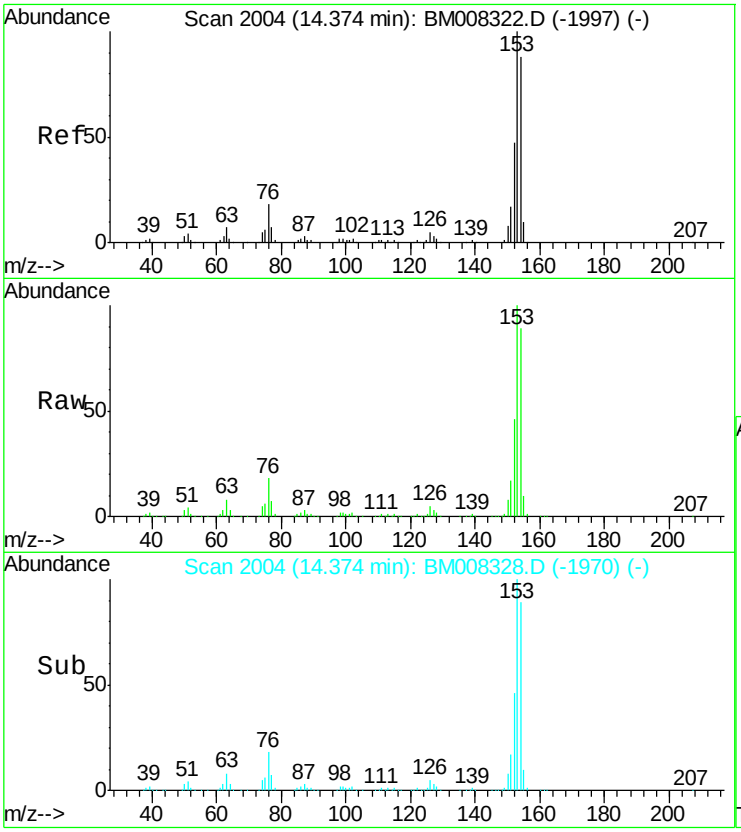


#34
2-Methylnaphthalene
Concen: 28.99 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BM008328.D
Acq: 15 Dec 2016 02:49

Tgt Ion:142 Resp: 561680

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7



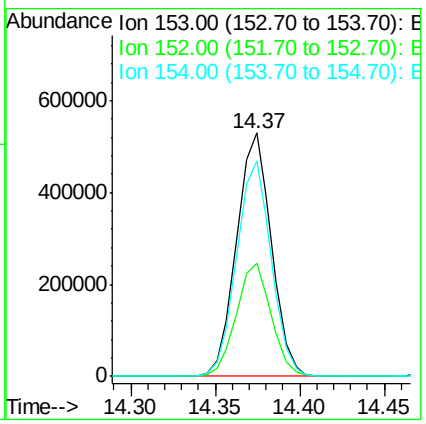


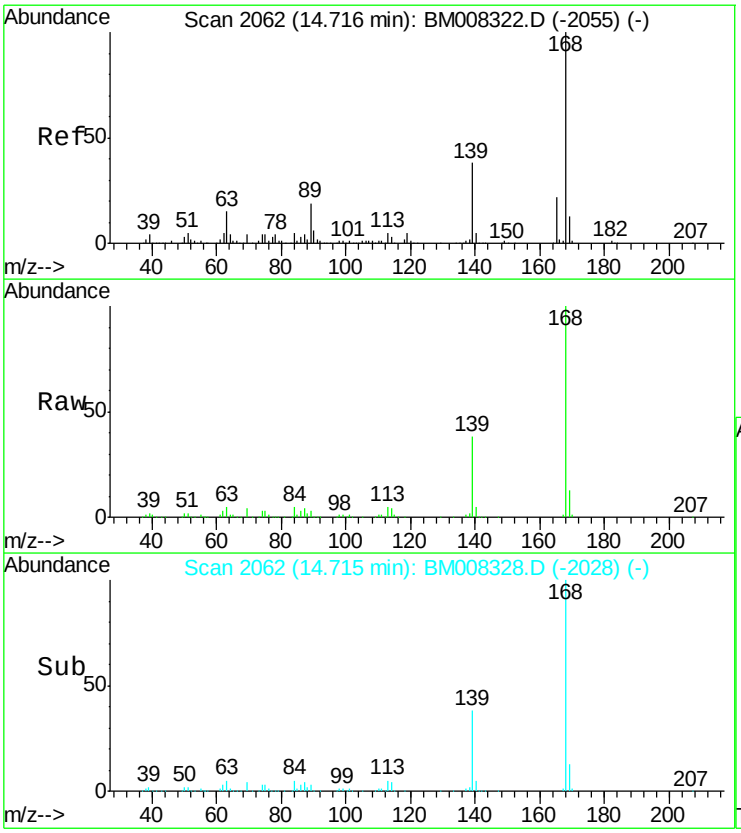
#49
Acenaphthene
Concen: 37.77 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BM008328.D
Acq: 15 Dec 2016 02:49

Instrument :
BNA_M
ClientSampleId :
DA8P8

Tgt Ion:153 Resp: 761960

Ion	Ratio	Lower	Upper
153	100		
152	46.4	36.6	54.8
154	88.7	71.4	107.2

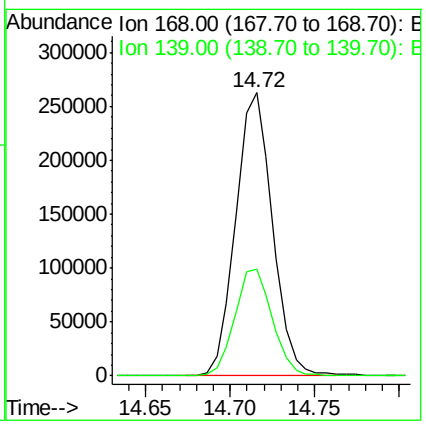


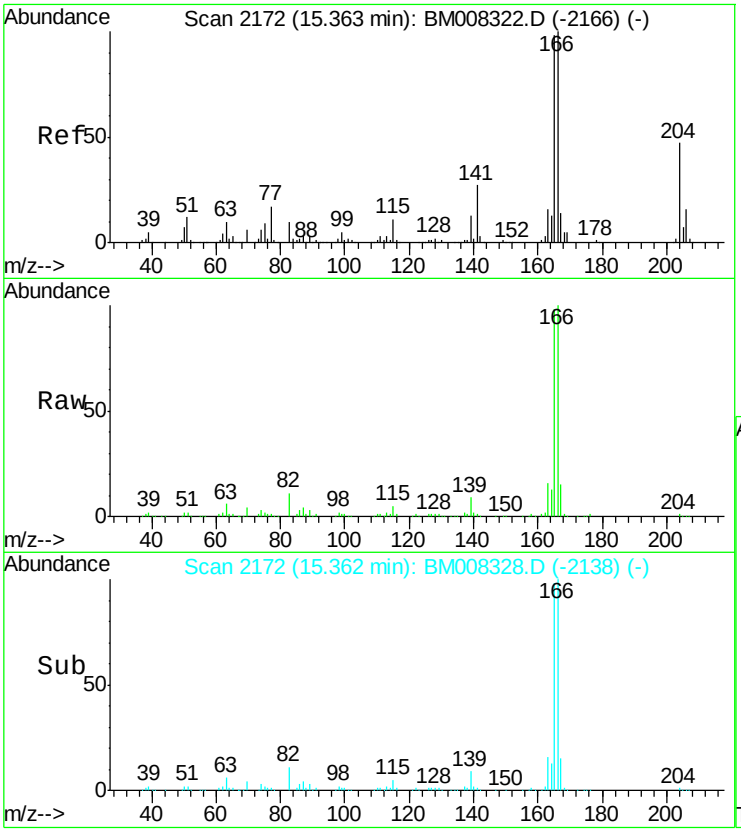


#53
Dibenzofuran
Concen: 13.55 ng/ul
RT: 14.72 min Scan# 2062
Delta R.T. -0.00 min
Lab File: BM008328.D
Acq: 15 Dec 2016 02:49

Tgt Ion:168 Resp: 398345

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.5	45.7



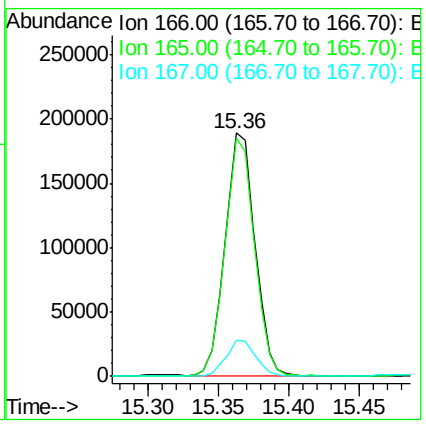


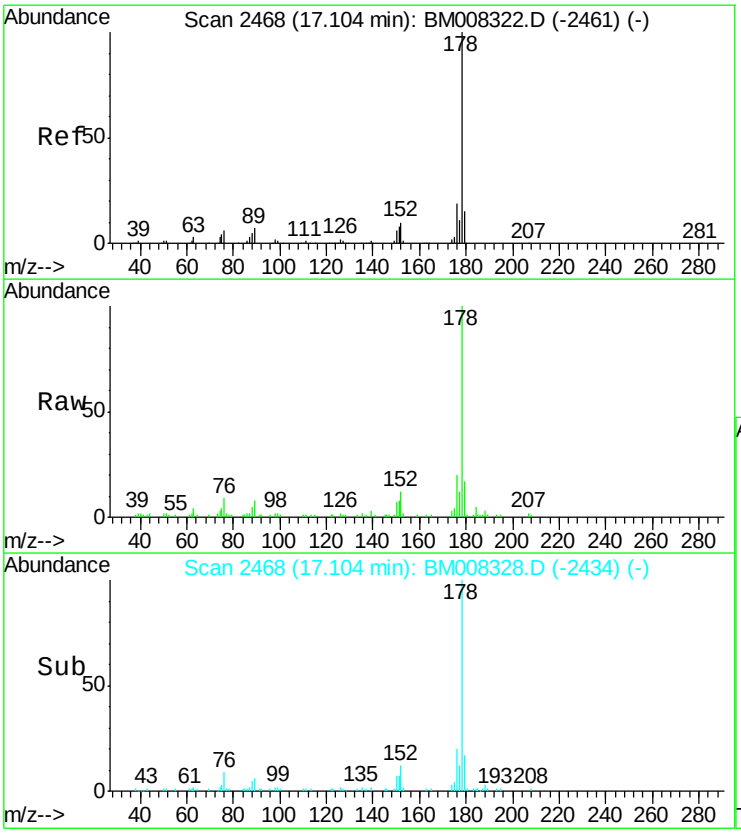
#58
Fluorene
Concen: 11.60 ng/ul
RT: 15.36 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM008328.D
Acq: 15 Dec 2016 02:49

Instrument :
BNA_M
ClientSampleId :
DA8P8

Tgt Ion:166 Resp: 280002

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.3	118.9
167	15.1	10.7	16.1

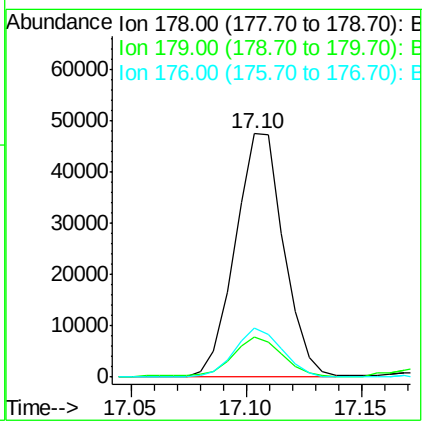


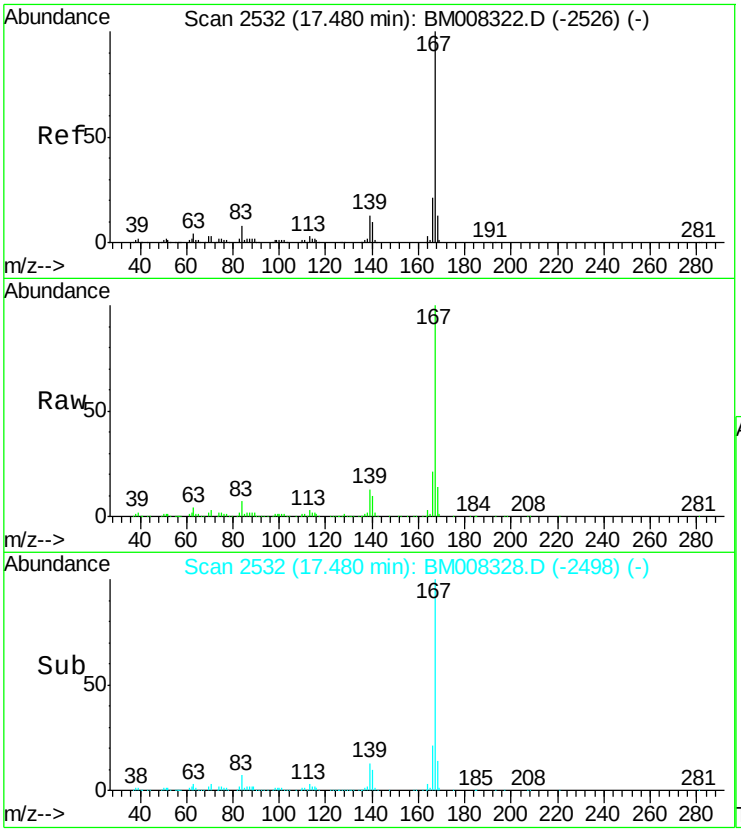


#69
Phenanthrene
Concen: 1.98 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BM008328.D
Acq: 15 Dec 2016 02:49

Tgt Ion:178 Resp: 69805

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.0	18.0
176	20.0	14.6	21.8





#72
Carbazole
Concen: 20.41 ng/ul
RT: 17.48 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BM008328.D
Acq: 15 Dec 2016 02:49

Instrument :
BNA_M
ClientSampleId :
DA8P8

Tgt Ion:167 Resp: 643430

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.4	24.6
139	13.0	10.2	15.4