Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
Data File : BM005270.D
Acq On : 06 May 2016 15:17
Operator : UM/SJ
Sample : H2813-09DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7S7DL

Quant Time: May 11 08:35:06 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	74013	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	371136	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	255917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	638278	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	771537	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	739009	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	1988	0.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	8557	2.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	8022	1.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	4656	0.84	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	4540	1.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	4775	1.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	9720	1.74	ng/ul	0.01
29) 4-Chloroaniline-d4	10.71	131	433	0.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	46403	2.26	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	54224	2.25	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.40	176	47474	2.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	3167	0.88	ng/ul	0.00
70) Anthracene-d10	17.26	188	76316	2.70	ng/ul	0.00
76) Pyrene-d10	19.56	212	90668	2.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	82060	2.51	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.61	128	1145941	61.37	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	223675	16.02	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	75412	3.72	ng/ul	99
49) Acenaphthene	14.47	153	190011	11.33	ng/ul	98
53) Dibenzofuran	14.81	168	226493	9.31	ng/ul	98
58) Fluorene	15.46	166	149046	7.83	ng/ul	97
69) Phenanthrene	17.20	178	379154	11.30	ng/ul	99
72) Carbazole	17.57	167	57357	1.95	ng/ul	99
74) Fluoranthene	19.22	202	79926	2.15	ng/ul	98

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

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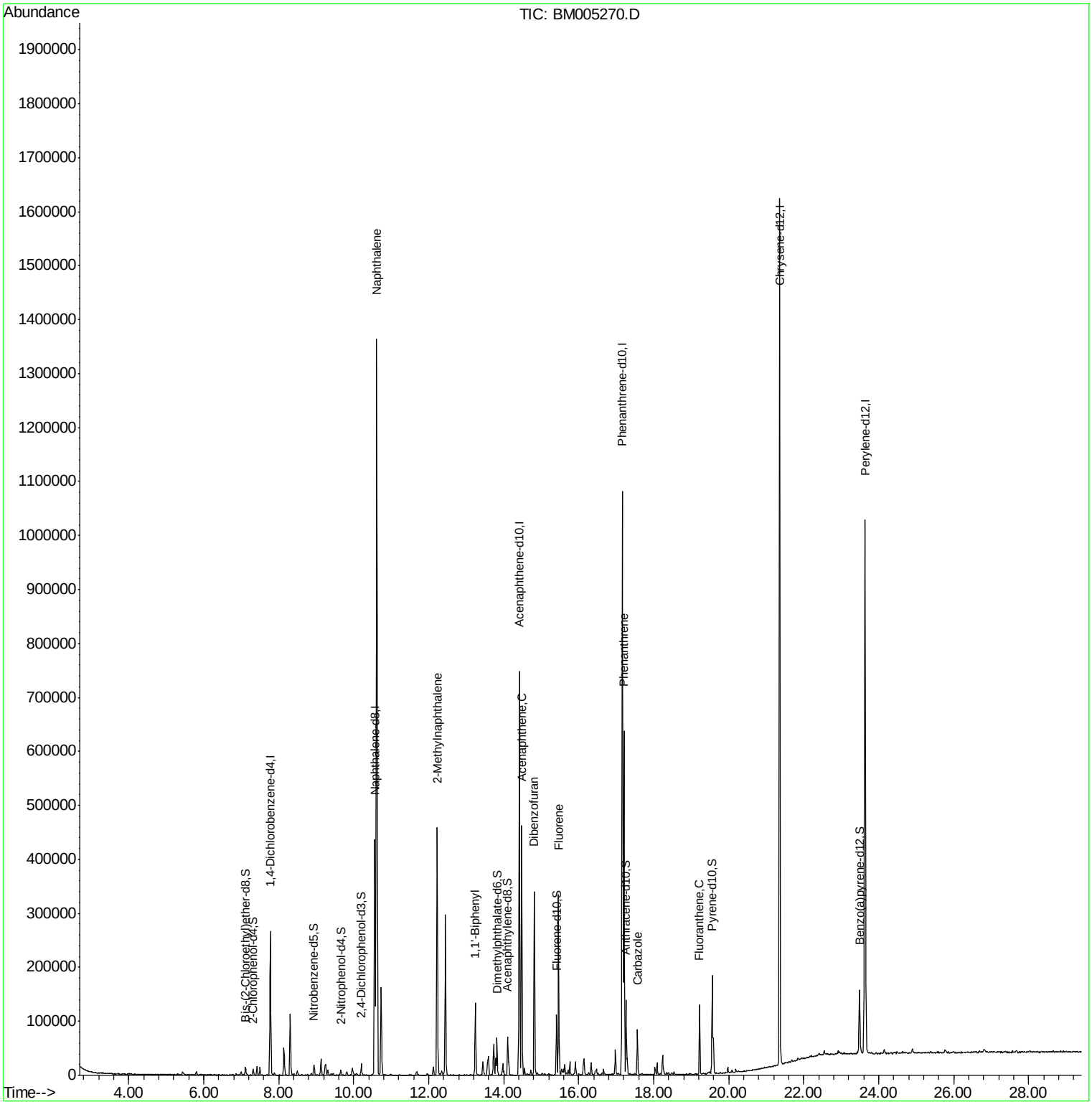
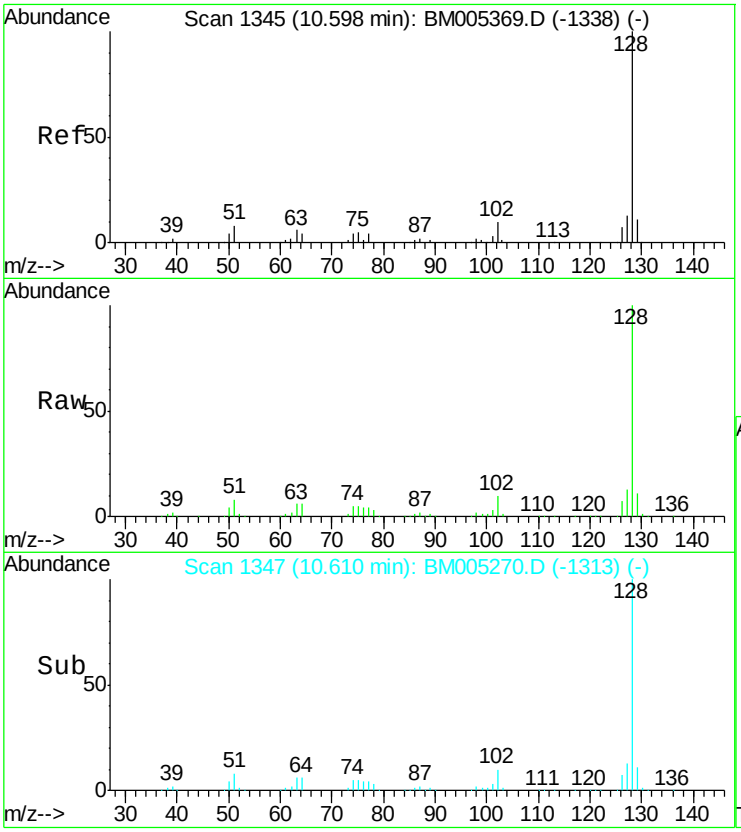


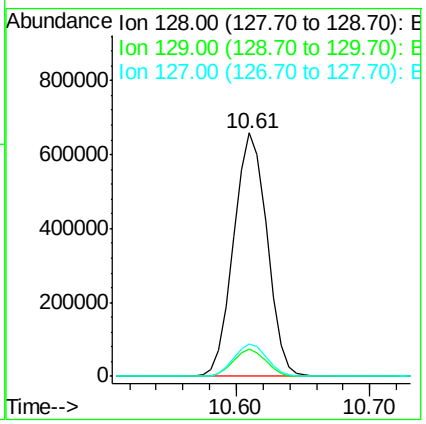


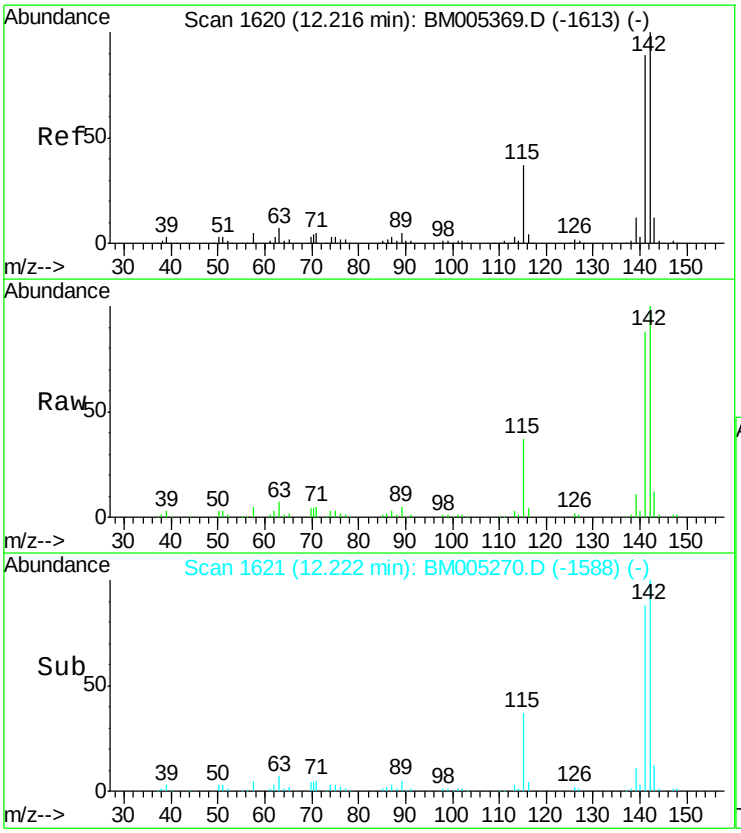
#28
Naphthalene
Concen: 61.37 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Instrument :
BNA_M
ClientSampleId :
BC7S7DL

Tgt Ion:128 Resp: 1145941

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.4	12.6
127	13.2	10.8	16.2

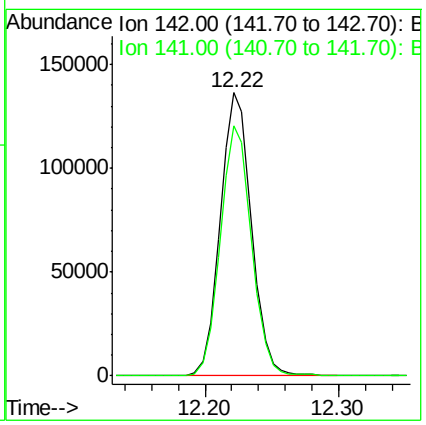


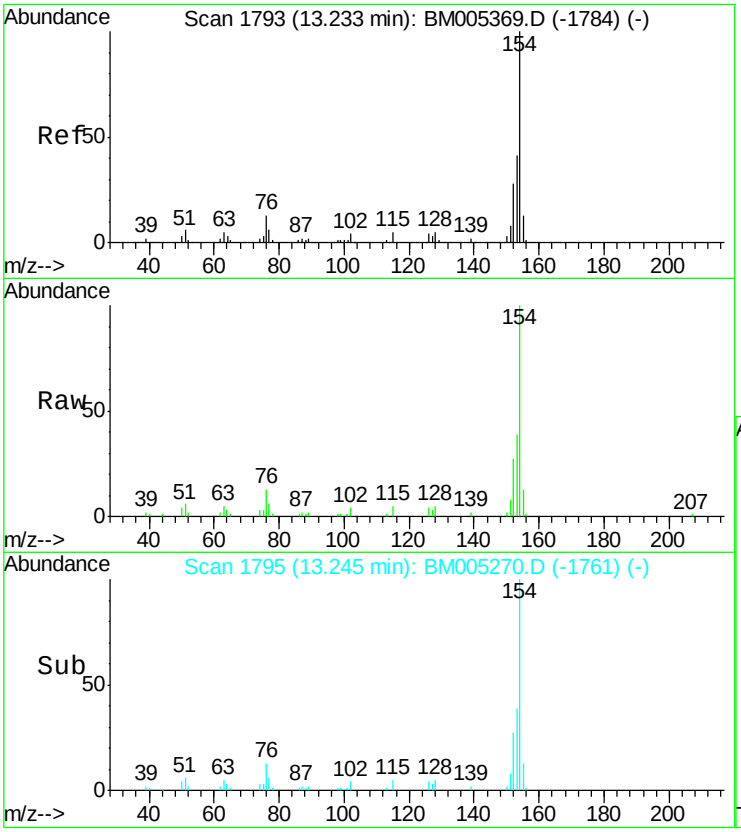


#34
2-Methylnaphthalene
Concen: 16.02 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Tgt Ion:142 Resp: 223675

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9



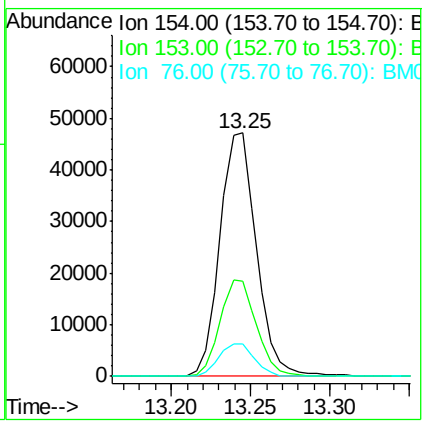


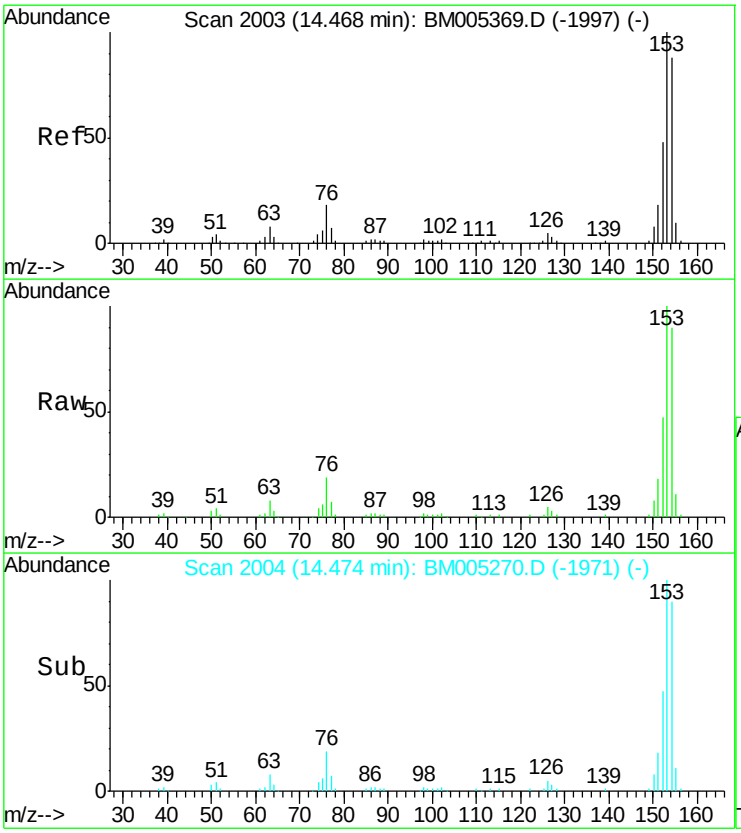
#40
1,1'-Biphenyl
Concen: 3.72 ng/ul
RT: 13.25 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Instrument :
BNA_M
ClientSampleId :
BC7S7DL

Tgt Ion:154 Resp: 75412

Ion	Ratio	Lower	Upper
154	100		
153	39.3	32.1	48.1
76	13.2	10.6	15.8

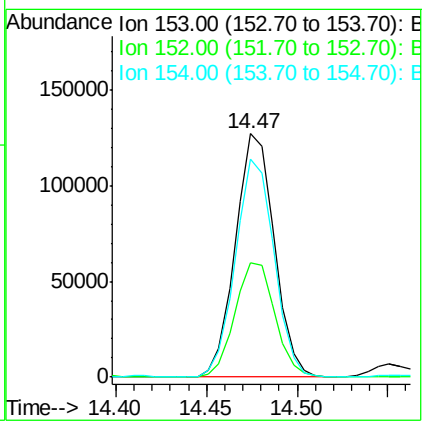


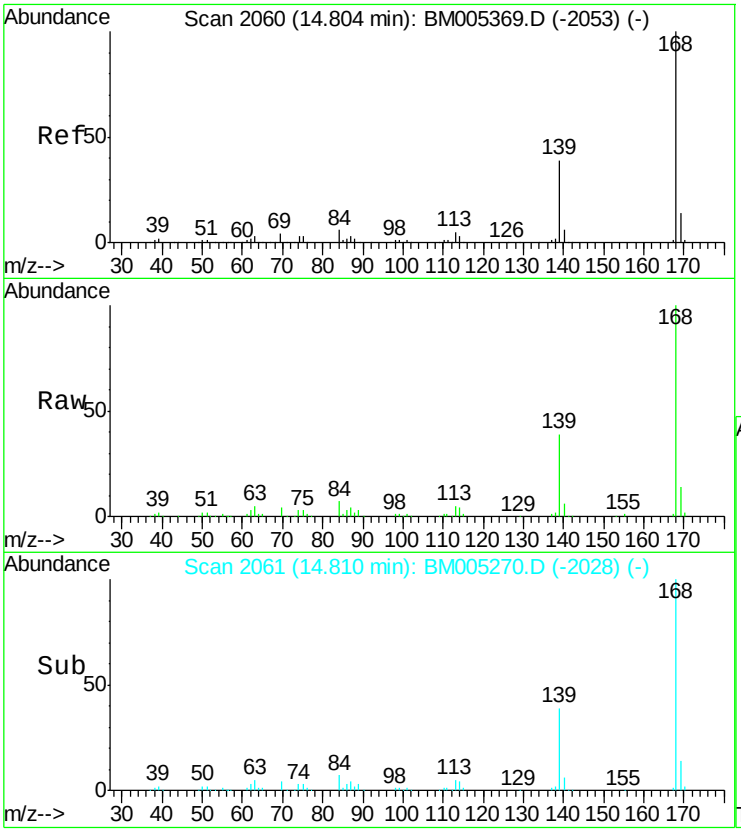


#49
Acenaphthene
Concen: 11.33 ng/ul
RT: 14.47 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Tgt Ion:153 Resp: 190011

Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.9	58.3
154	89.7	70.3	105.5



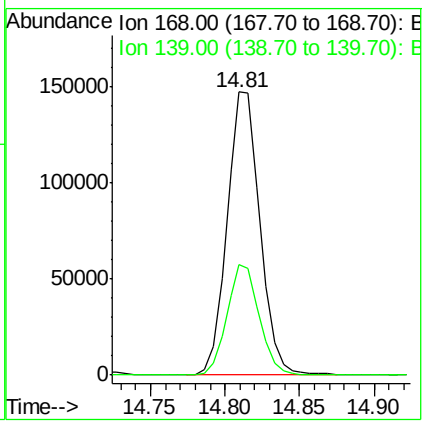


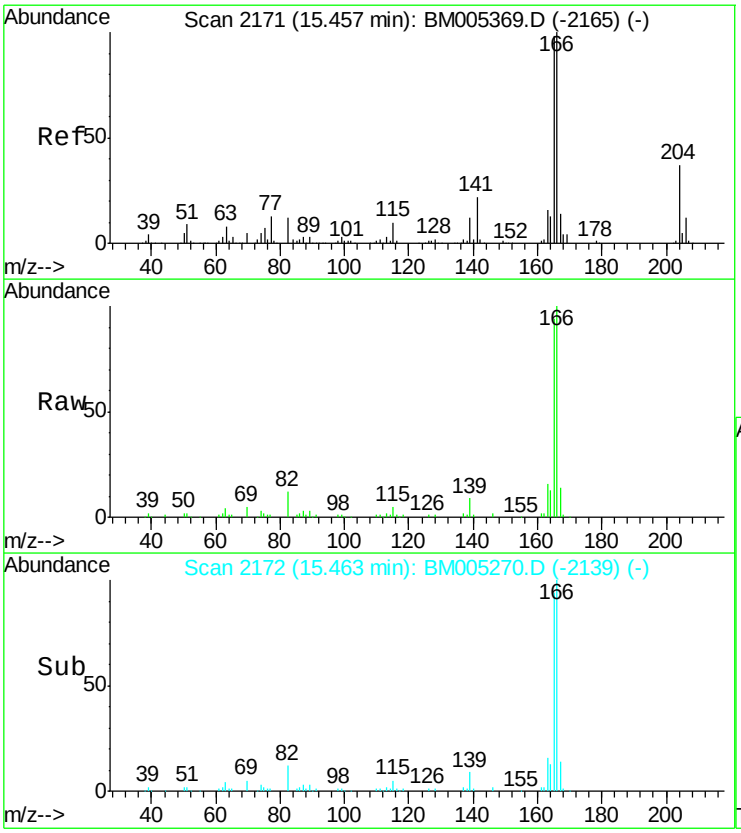
#53
Dibenzofuran
Concen: 9.31 ng/ul
RT: 14.81 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Instrument :
BNA_M
ClientSampleId :
BC7S7DL

Tgt Ion:168 Resp: 226493

Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.3	45.5

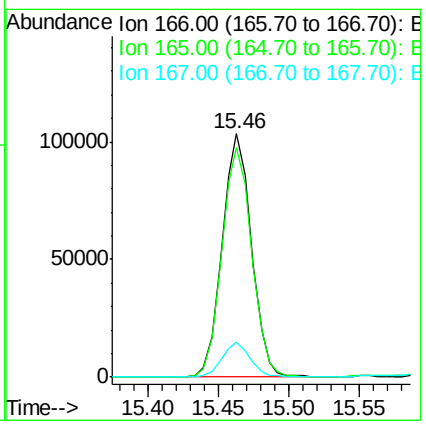


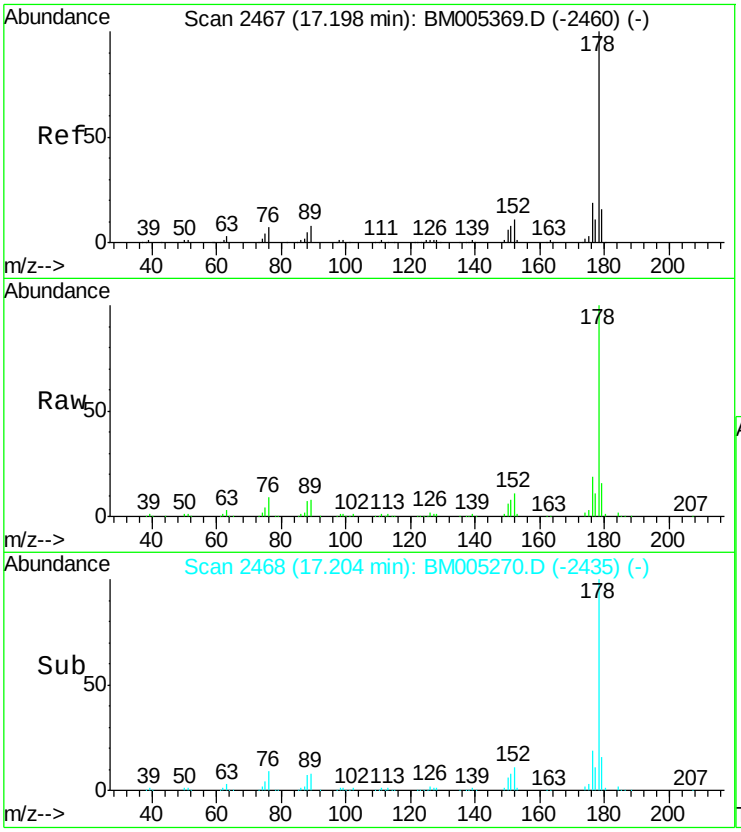


#58
Fluorene
Concen: 7.83 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Tgt Ion:166 Resp: 149046

Ion	Ratio	Lower	Upper
166	100		
165	94.2	77.9	116.9
167	14.2	10.6	16.0



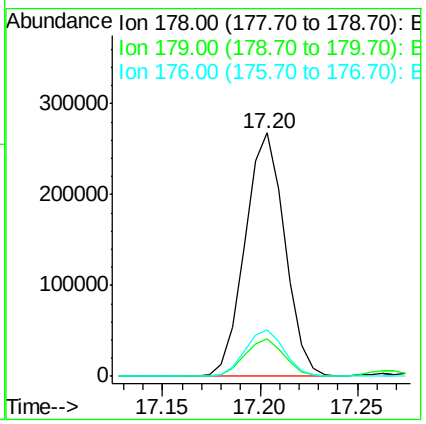


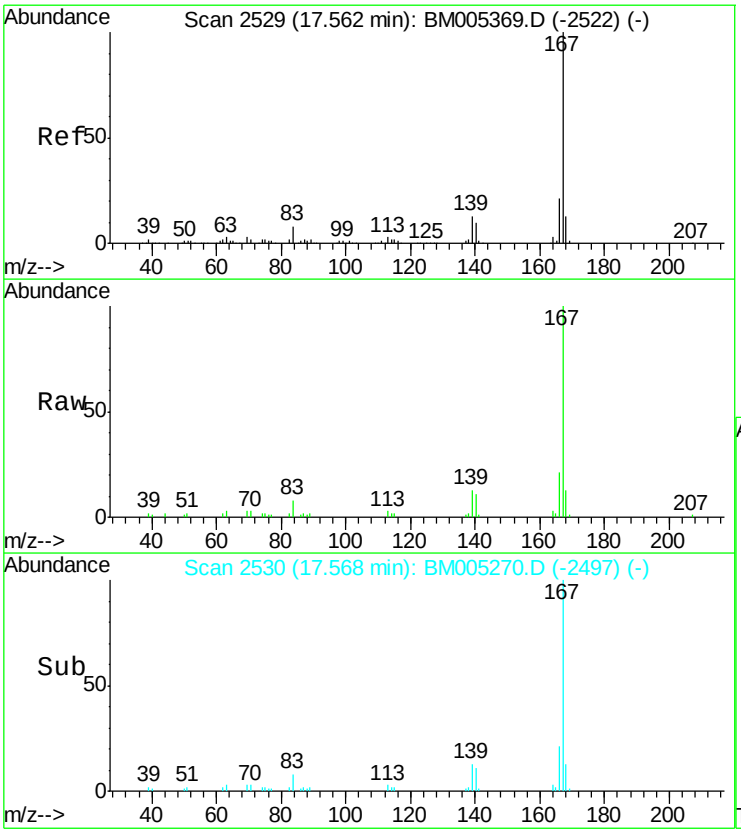
#69
Phenanthrene
Concen: 11.30 ng/ul
RT: 17.20 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Instrument :
BNA_M
ClientSampleId :
BC7S7DL

Tgt Ion:178 Resp: 379154

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.3	15.2	22.8

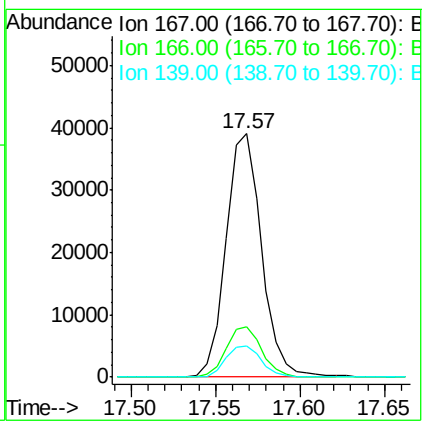


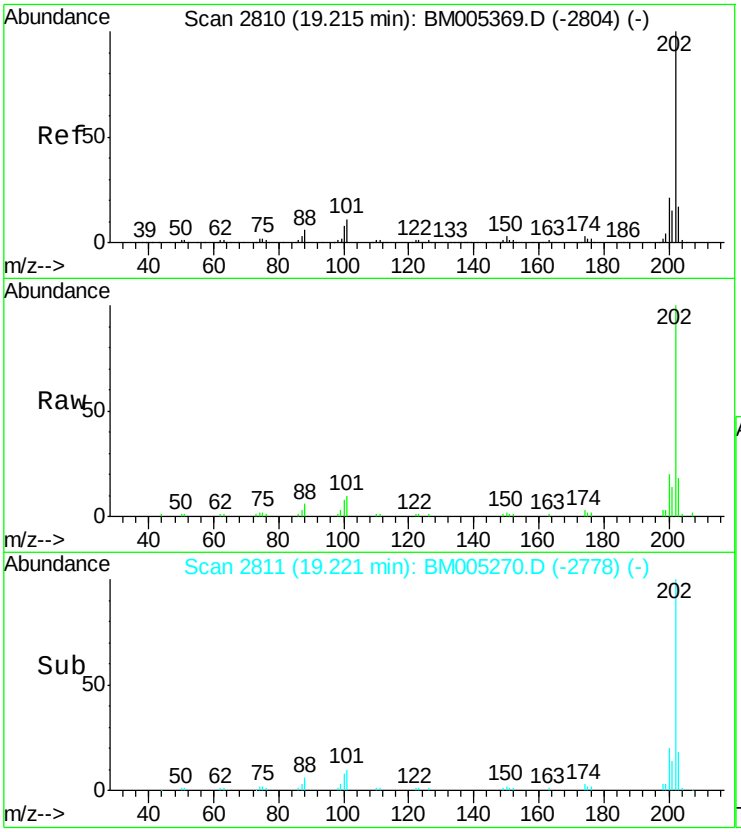


#72
Carbazole
Concen: 1.95 ng/ul
RT: 17.57 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Tgt Ion:167 Resp: 57357

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	13.0	10.2	15.2





#74
Fluoranthene
Concen: 2.15 ng/ul
RT: 19.22 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Instrument :
BNA_M
ClientSampleId :
BC7S7DL

Tgt Ion:202 Resp: 79926

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.2	13.8
100	8.3	7.1	10.7