Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101217\
Data File : BM012135.D
Acq On : 13 Oct 2017 13:54
Operator : SJ/JU
Sample : I5772-03DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 13 18:51:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	209251	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	886229	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	530972	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.25	188	1222872	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1129504	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	958585	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	2143	0.49	ng/uL	0.01
5) Phenol-d5	7.02	99	29239	1.72	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.17	67	70157	6.89	ng/ul	0.02
9) 2-Chlorophenol-d4	7.38	132	84577	5.87	ng/ul	0.02
13) 4-Methylphenol-d8	8.57	113	54312	3.72	ng/ul	0.03
19) Nitrobenzene-d5	9.02	128	51857	7.67	ng/ul	0.02
22) 2-Nitrophenol-d4	9.74	143	55843	7.07	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	101496	6.73	ng/ul	0.03
29) 4-Chloroaniline-d4	10.69	131	3594	0.25	ng/ul	-0.09
43) Dimethylphthalate-d6	13.90	166	364109	7.76	ng/ul	0.02
46) Acenaphthylene-d8	14.19	160	440714	7.76	ng/ul	0.02
51) 4-Nitrophenol-d4	14.70	143	703	0.10	ng/ul	0.01
57) Fluorene-d10	15.49	176	304511	7.91	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.65	200	8016	0.96	ng/ul	0.04
70) Anthracene-d10	17.34	188	491082	8.12	ng/ul	0.02
76) Pyrene-d10	19.64	212	528895	9.22	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.62	264	364624	7.89	ng/ul	0.05
Target Compounds						Qvalue
28) Naphthalene	10.70	128	91013	1.985	ng/ul	98
40) 1,1'-Biphenyl	13.33	154	684084	15.266	ng/ul	99
49) Acenaphthene	14.56	153	996375	26.518	ng/ul	100
53) Dibenzofuran	14.90	168	1666861	30.809	ng/ul	98
58) Fluorene	15.55	166	240130	5.344	ng/ul#	99
69) Phenanthrene	17.29	178	582474	8.373	ng/ul	98
71) Anthracene	17.38	178	98899	1.373	ng/ul	97
72) Carbazole	17.66	167	1083678	17.779	ng/ul	99
73) Di-n-butylphthalate	18.19	149	177511	2.098	ng/ul	98
74) Fluoranthene	19.31	202	134670	1.604	ng/ul#	93

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

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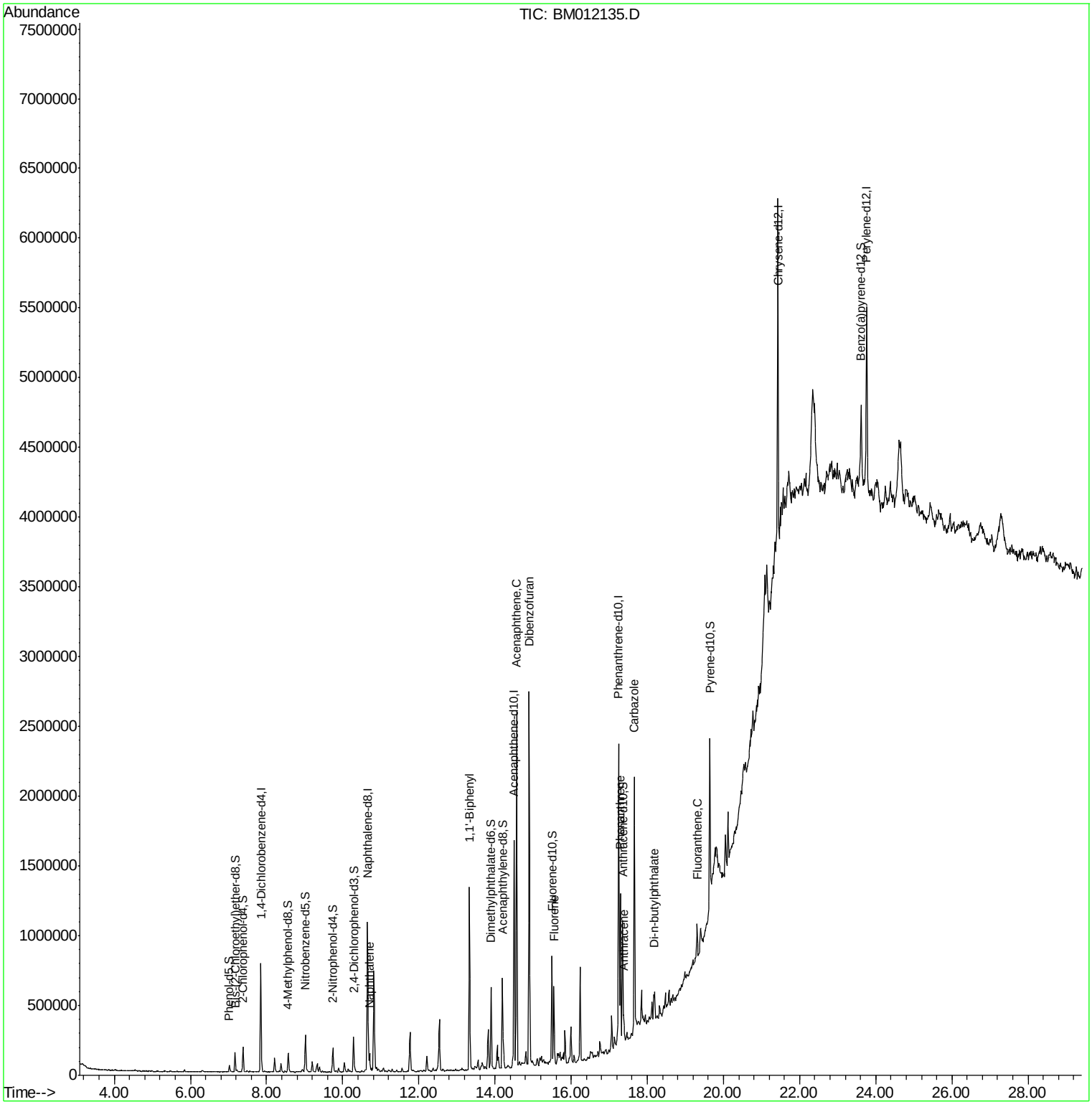
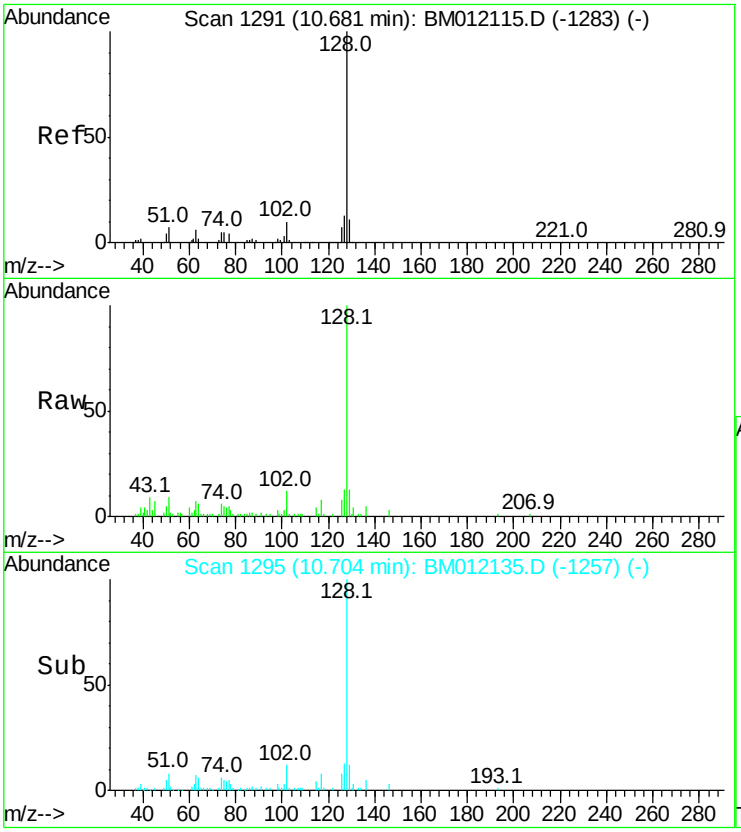


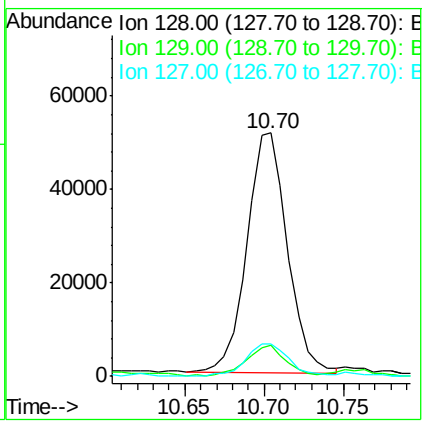


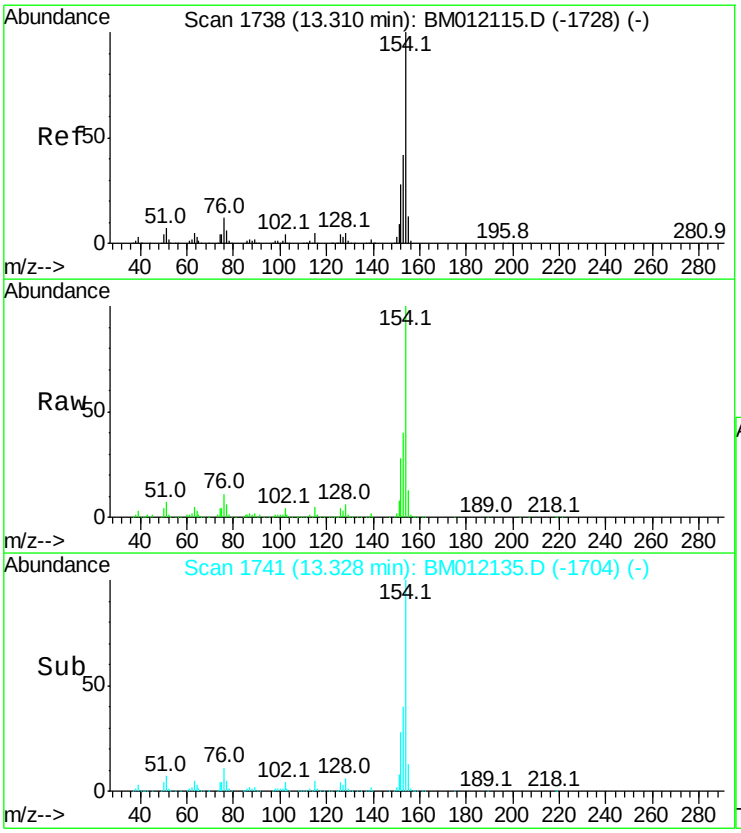
#28
Naphthalene
Concen: 1.985 ng/ul
RT: 10.70 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 91013

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	13.3	10.6	16.0

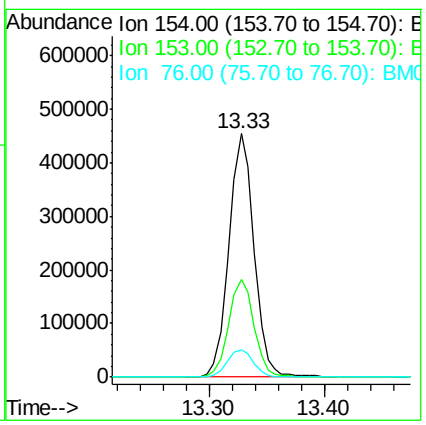


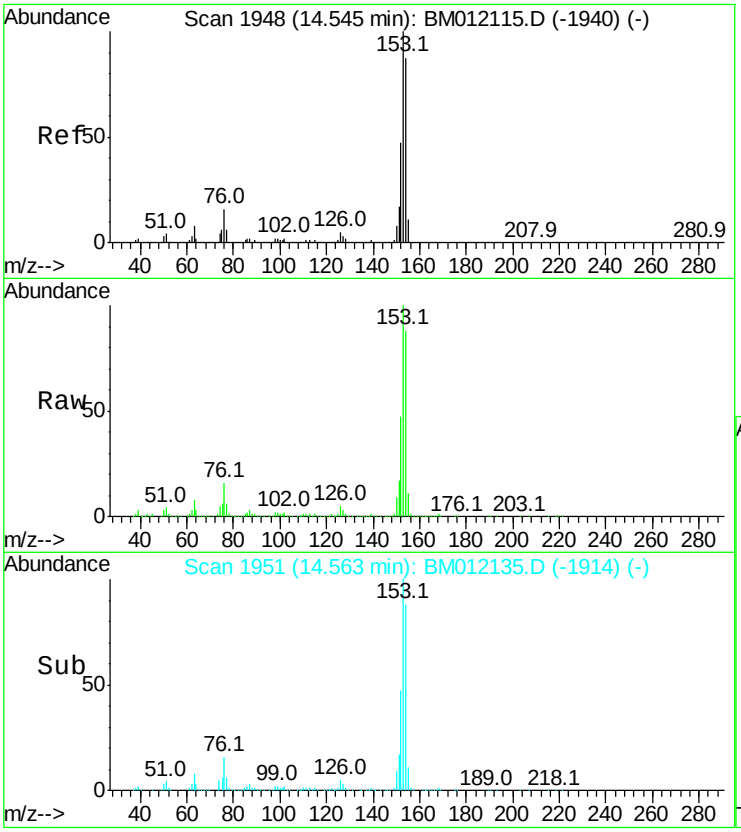


#40
1,1'-Biphenyl
Concen: 15.266 ng/ul
RT: 13.33 min Scan# 1741
Delta R.T. 0.02 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Tgt Ion:154 Resp: 684084

Ion	Ratio	Lower	Upper
154	100		
153	40.3	32.6	48.8
76	11.0	8.5	12.7



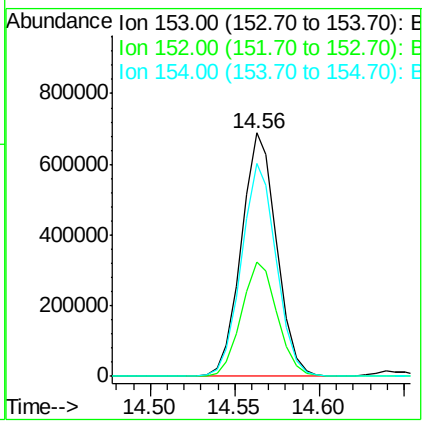


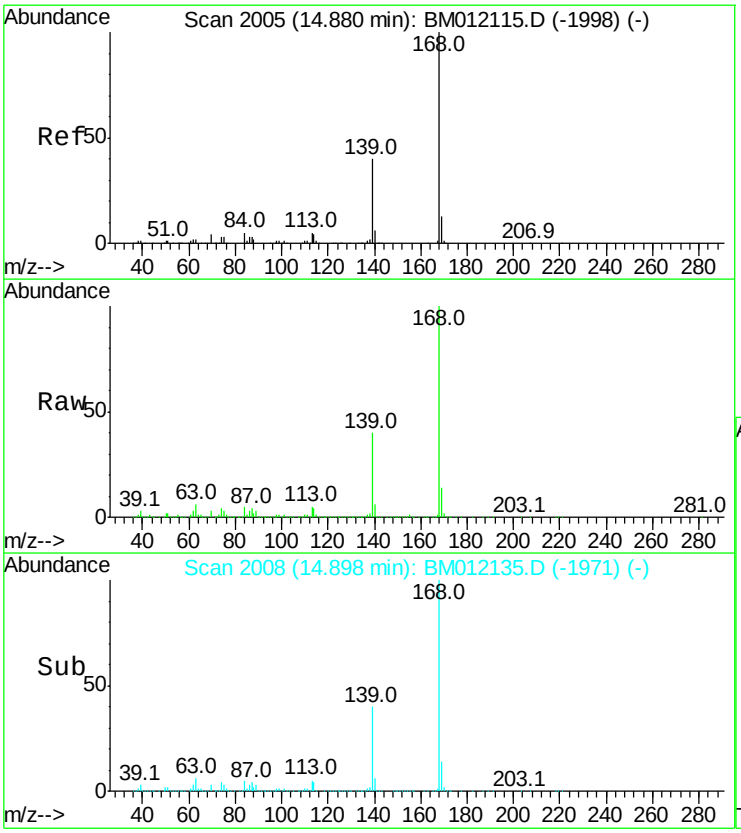
#49
Acenaphthene
Concen: 26.518 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. 0.02 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 996375

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.6	56.4
154	87.6	70.4	105.6

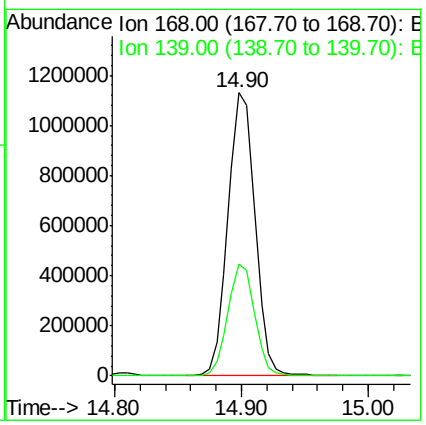


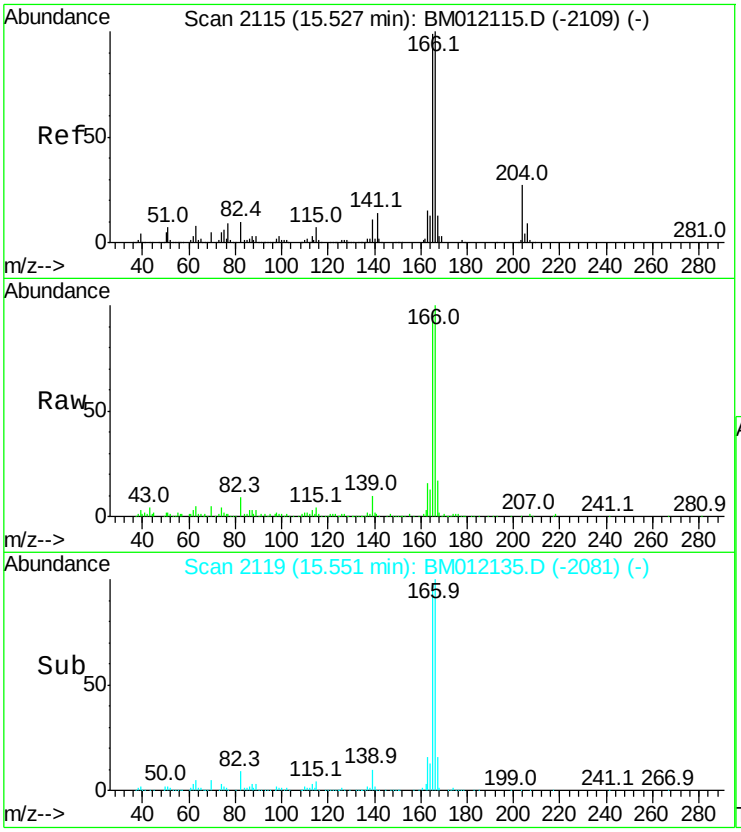


#53
Dibenzofuran
Concen: 30.809 ng/ul
RT: 14.90 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Tgt Ion:168 Resp: 1666861

Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.8	46.2



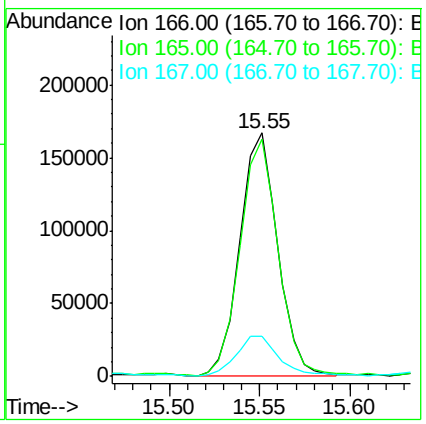


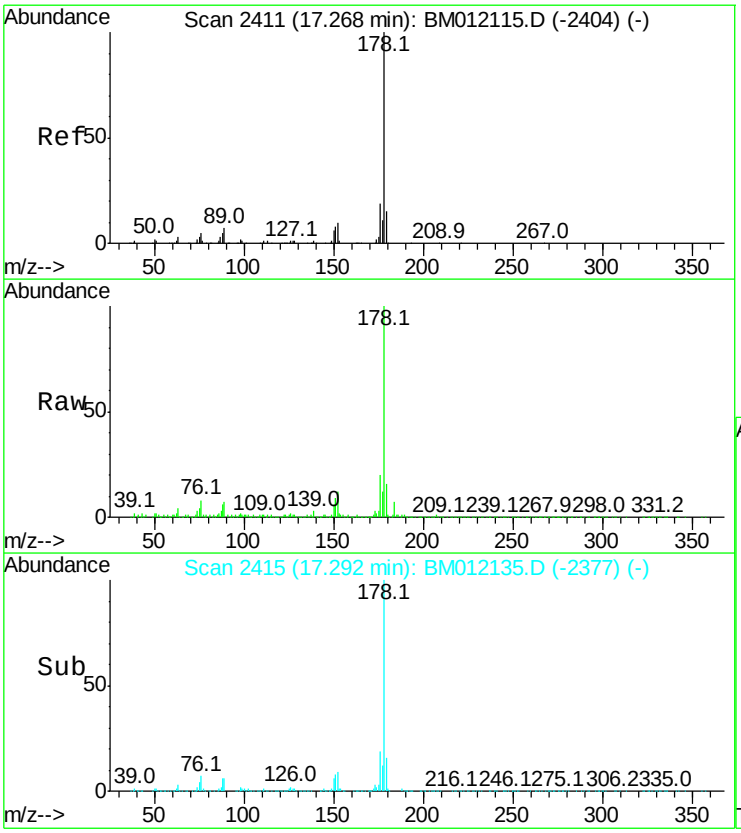
#58
Fluorene
Concen: 5.344 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.02 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 240130

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.9	116.9
167	16.7	10.6	16.0#

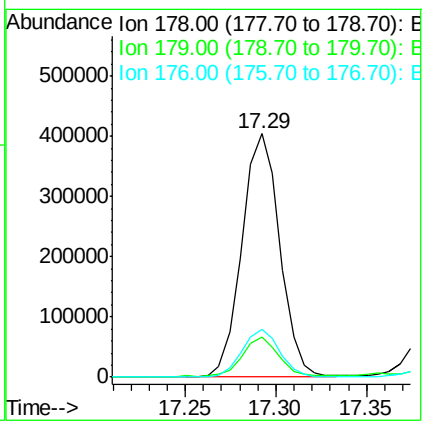


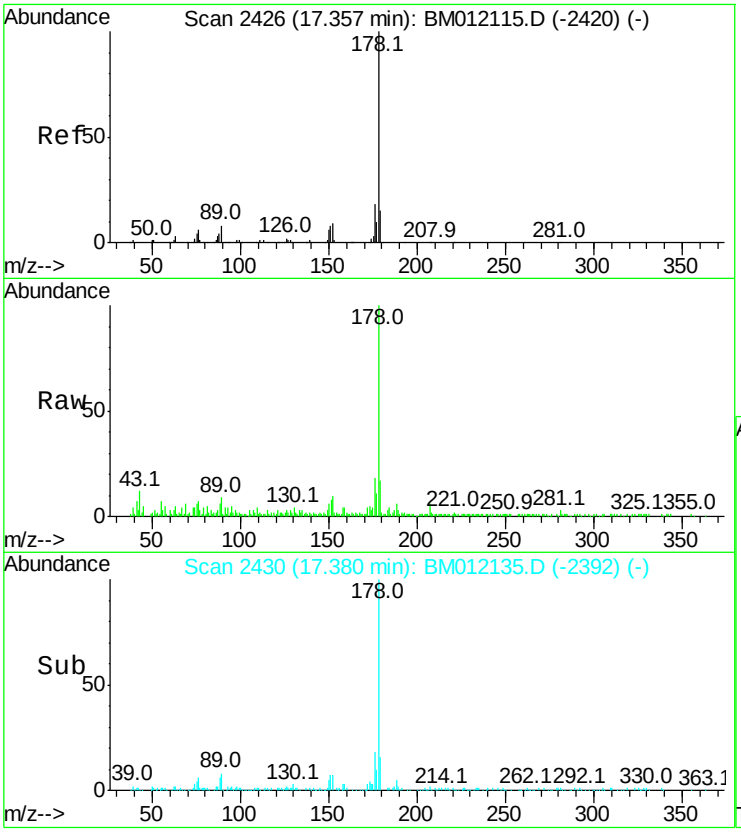


#69
Phenanthrene
Concen: 8.373 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. 0.02 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Tgt Ion:178 Resp: 582474

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	19.6	14.9	22.3



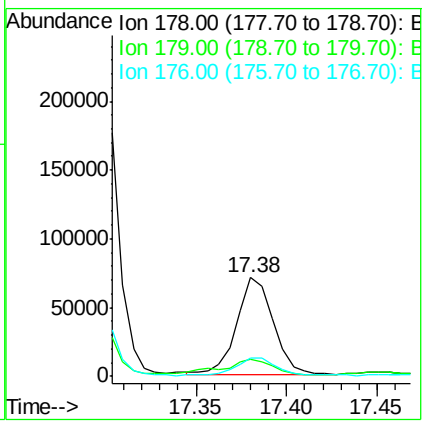


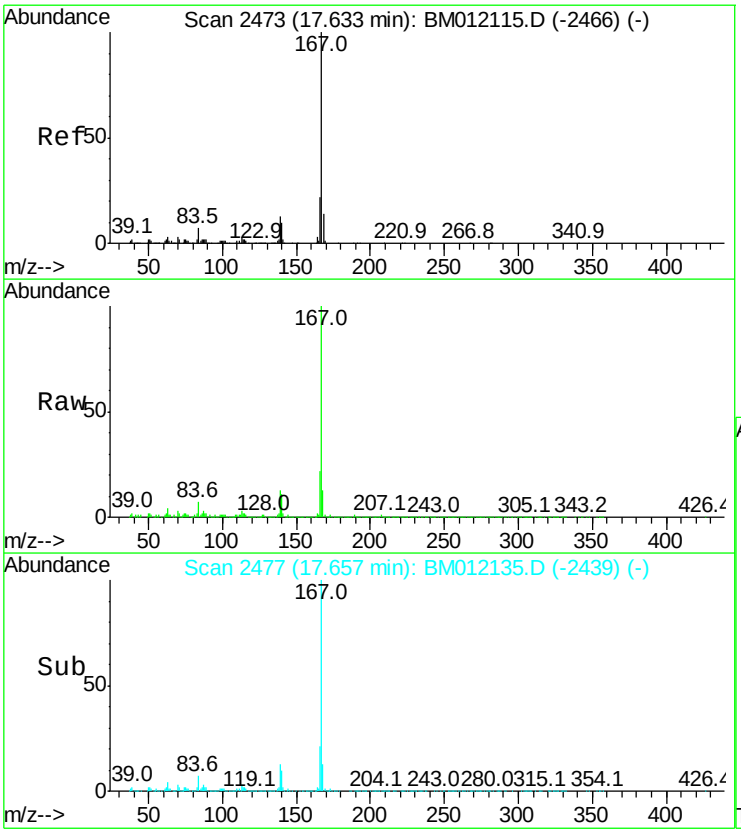
#71
Anthracene
Concen: 1.373 ng/ul
RT: 17.38 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 98899

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.7	17.5
176	18.4	14.6	21.8

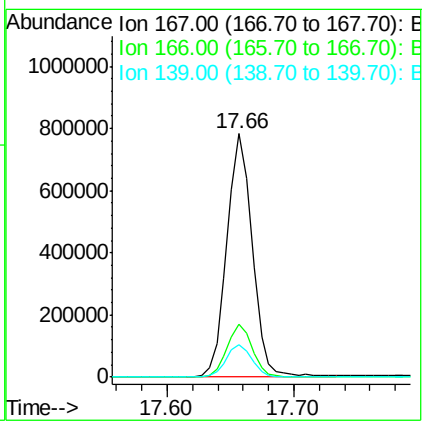


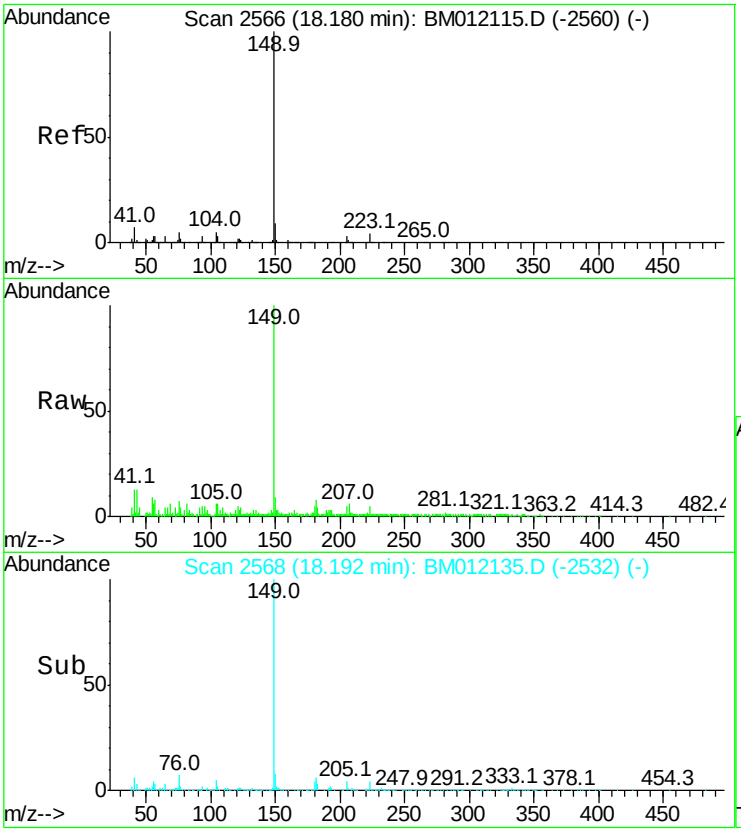


#72
Carbazole
Concen: 17.779 ng/ul
RT: 17.66 min Scan# 2477
Delta R.T. 0.02 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Tgt Ion:167 Resp: 1083678

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.1	10.0	15.0



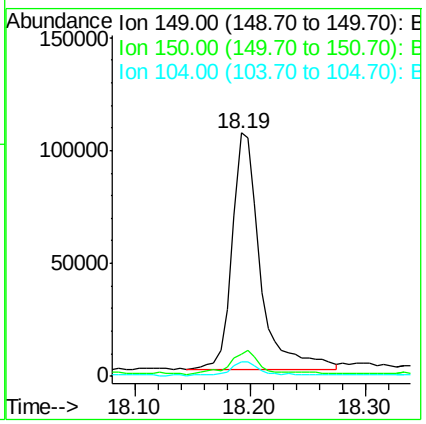


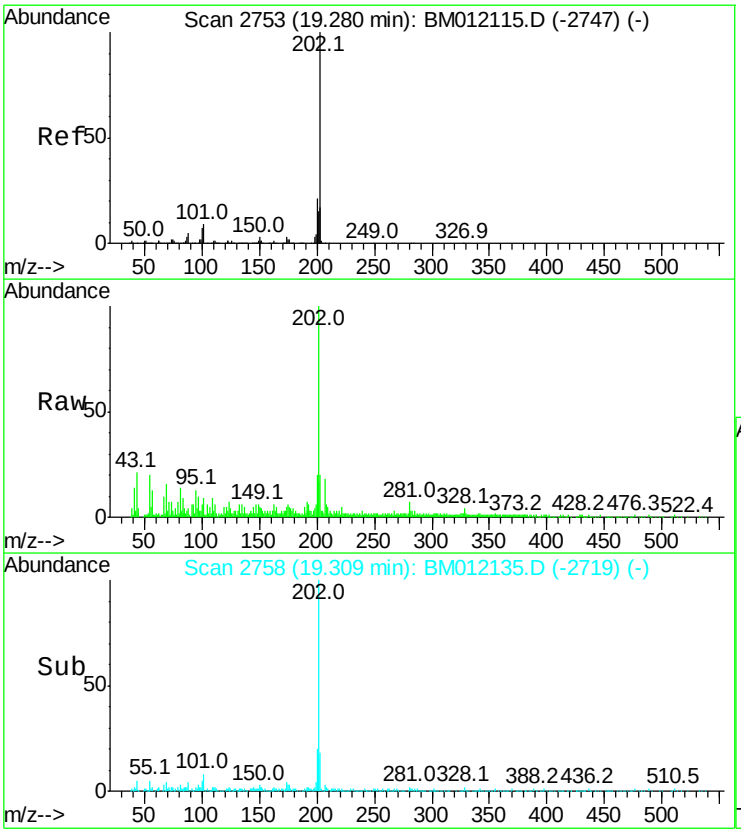
#73
Di-n-butylphthalate
Concen: 2.098 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 177511

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	5.7	5.6	8.4





#74
Fluoranthene
Concen: 1.604 ng/ul
RT: 19.31 min Scan# 2758
Delta R.T. 0.03 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Tgt Ion:202 Resp: 134670

Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	5.8	3.4	5.2#