

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121317\
 Data File : BM013400.D
 Acq On : 14 Dec 2017 06:52
 Operator : SJ/JU
 Sample : I6775-08DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 14 10:24:11 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 06:00:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	158223	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	663333	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	425829	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1076950	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1356029	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1251711	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2556	0.80	ng/uL	0.01
5) Phenol-d5	6.86	99	46398	3.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	26689	3.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	35127	3.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	38487	3.29	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	18274	3.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	18698	3.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	40324	3.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	14633	1.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	135011	3.56	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	159786	3.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	18592	2.82	ng/ul	0.01
57) Fluorene-d10	15.32	176	122419	3.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	13468	1.99	ng/ul	0.00
70) Anthracene-d10	17.17	188	207759	3.85	ng/ul	0.00
76) Pyrene-d10	19.47	212	251837	3.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	226234	3.55	ng/ul	0.00

Target Compounds

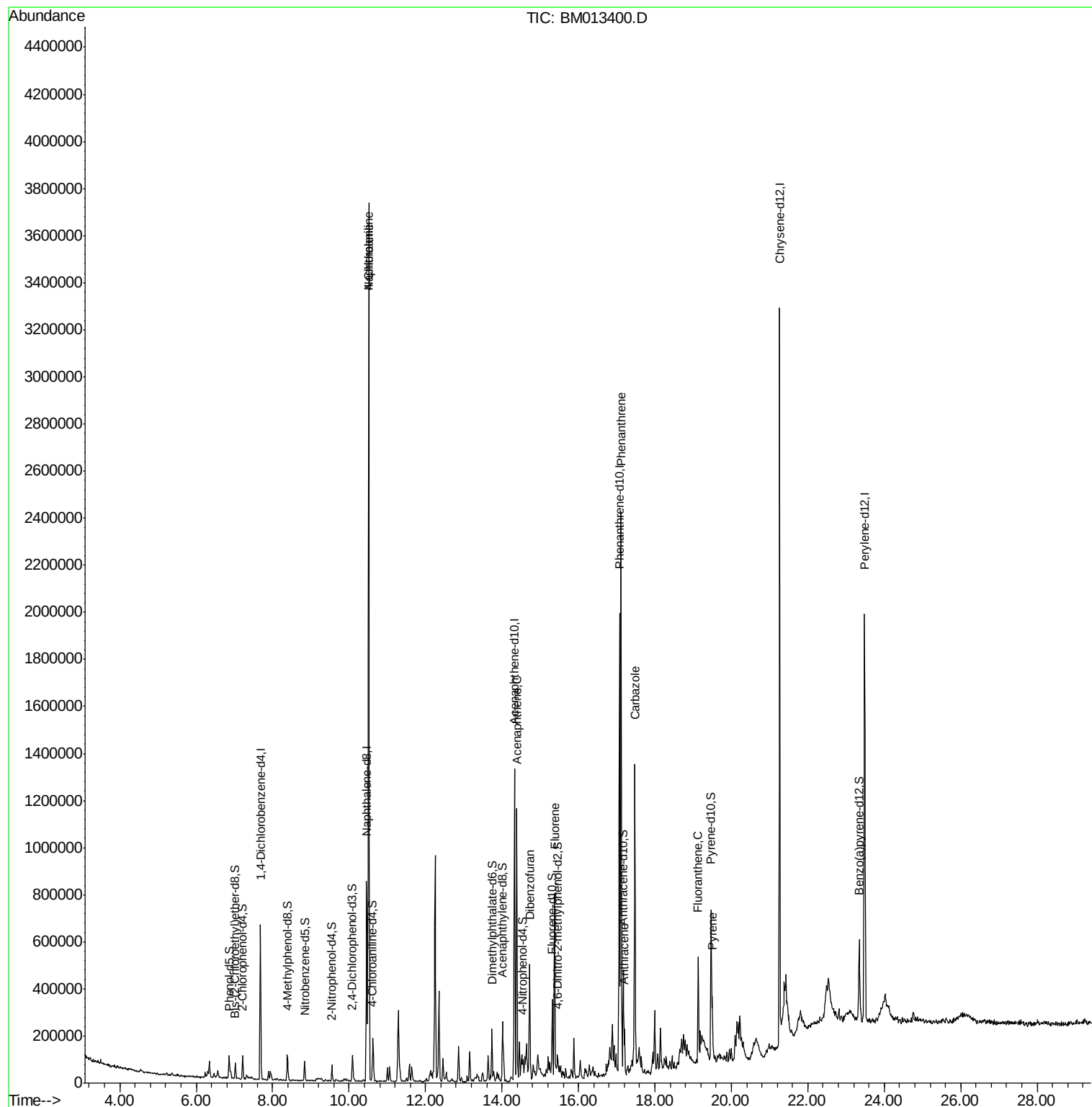
					Qvalue	
28) Naphthalene	10.51	128	2787281	81.672	ng/ul	99
30) 4-Chloroaniline	10.51	127	360970	34.967	ng/ul#	10
49) Acenaphthene	14.39	153	420833	14.276	ng/ul	97
53) Dibenzofuran	14.72	168	272797	6.269	ng/ul	98
58) Fluorene	15.37	166	315911	8.775	ng/ul	97
69) Phenanthrene	17.12	178	1367445	22.350	ng/ul	99
71) Anthracene	17.20	178	124646	1.993	ng/ul	98
72) Carbazole	17.48	167	737024	13.701	ng/ul	99
74) Fluoranthene	19.13	202	245489	3.274	ng/ul#	95
77) Pyrene	19.50	202	164411	1.996	ng/ul#	92

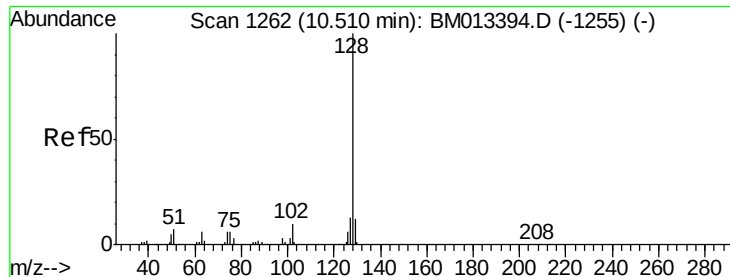
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 81.672 ng/ul

RT: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM013400.D

Acq: 14 Dec 2017 06:52

Instrument :

BNA_M

ClientSampleId :

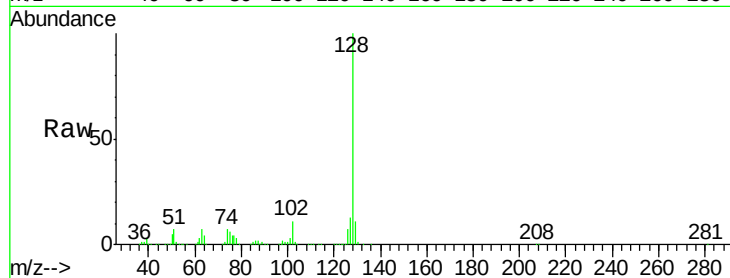
Tgt Ion:128 Resp: 2787281

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

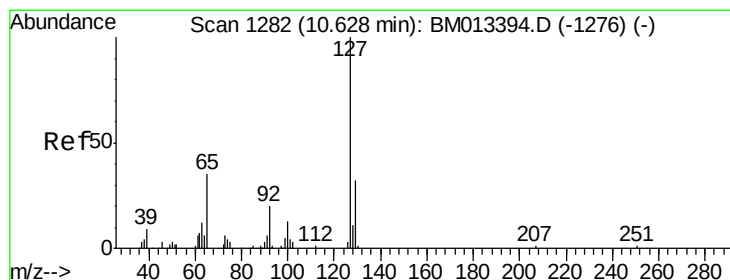
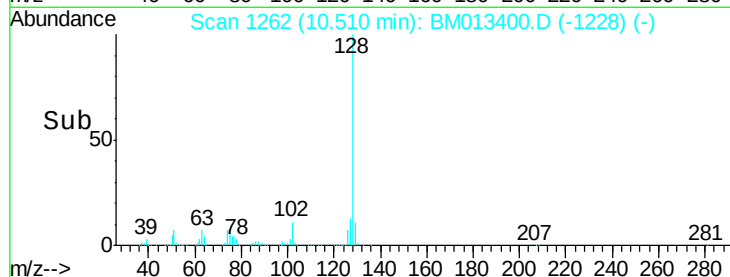
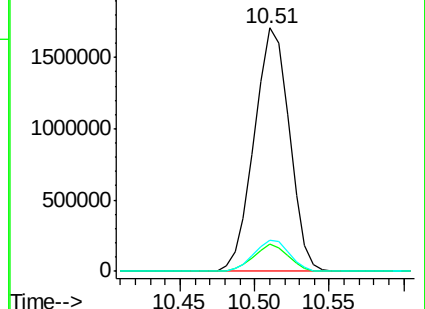
127 12.9 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 34.967 ng/ul

RT: 10.51 min Scan# 1262

Delta R.T. -0.12 min

Lab File: BM013400.D

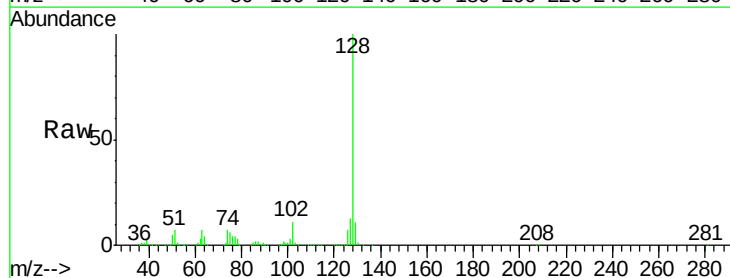
Acq: 14 Dec 2017 06:52

Tgt Ion:127 Resp: 360970

Ion Ratio Lower Upper

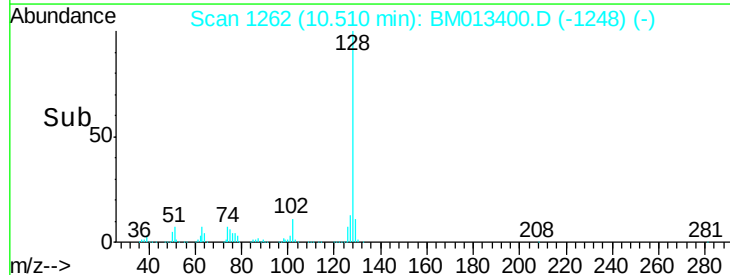
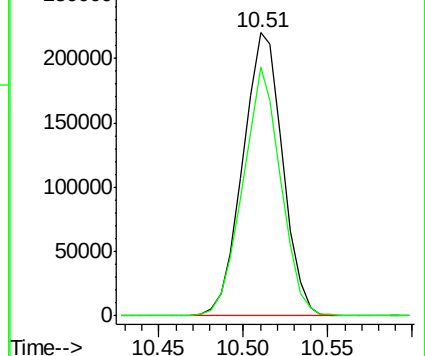
127 100

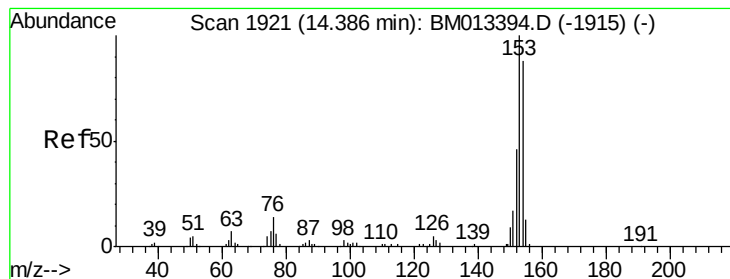
129 87.9 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#49

Acenaphthene

Concen: 14.276 ng/ul

RT: 14.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM013400.D

Acq: 14 Dec 2017 06:52

Instrument :

BNA_M

ClientSampleId :

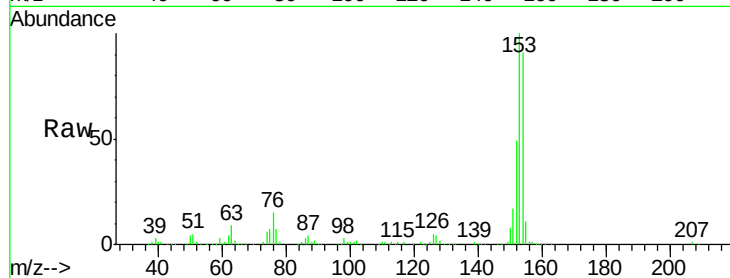
Tgt Ion:153 Resp: 420833

Ion Ratio Lower Upper

153 100

152 48.8 37.6 56.4

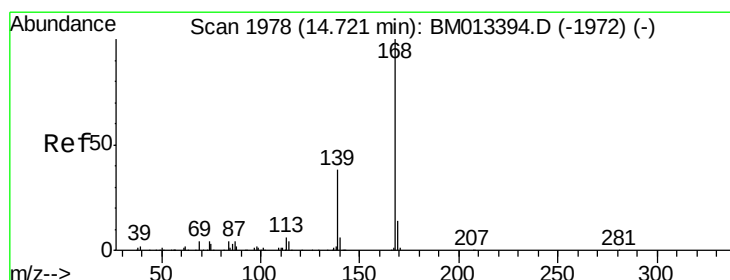
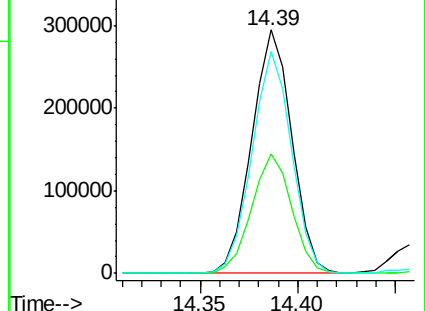
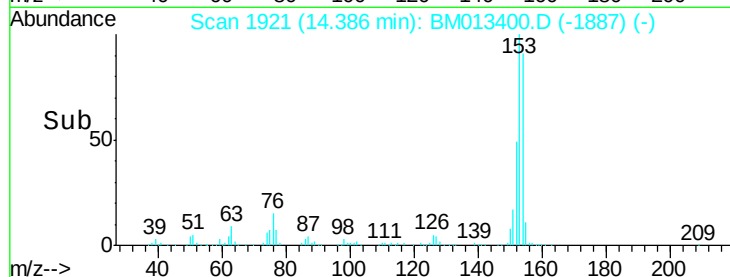
154 90.9 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 6.269 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM013400.D

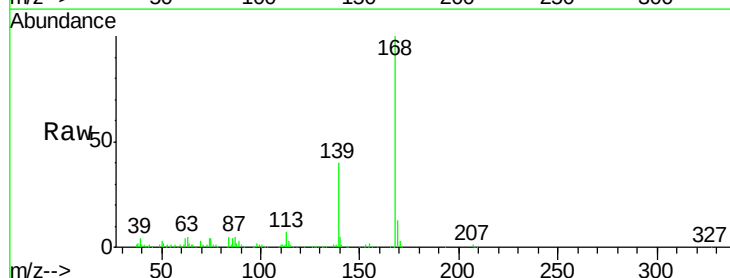
Acq: 14 Dec 2017 06:52

Tgt Ion:168 Resp: 272797

Ion Ratio Lower Upper

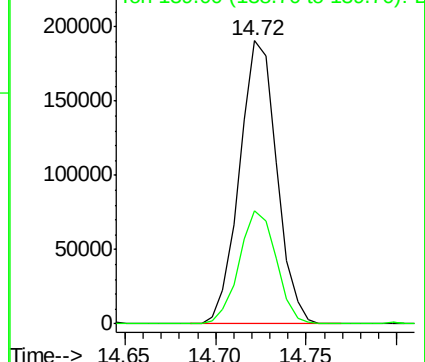
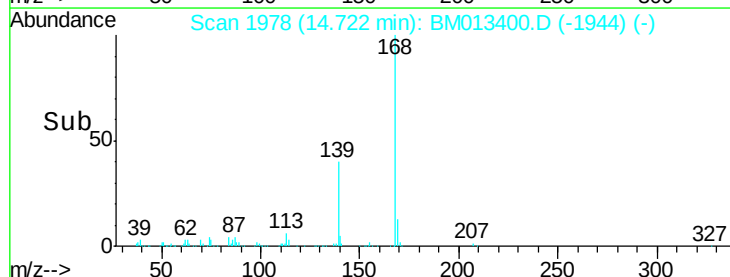
168 100

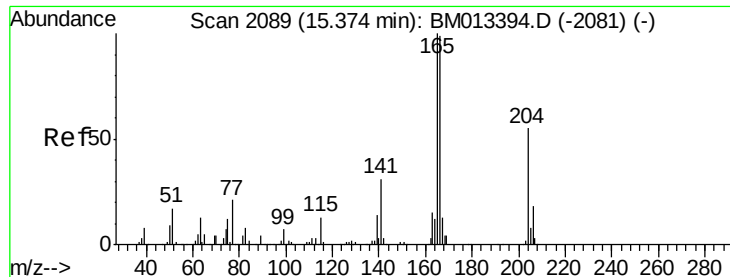
139 39.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 8.775 ng/ul

RT: 15.37 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM013400.D

Acq: 14 Dec 2017 06:52

Instrument :

BNA_M

ClientSampleId :

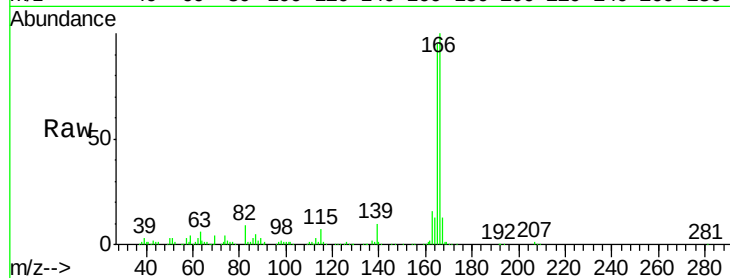
Tgt Ion:166 Resp: 315911

Ion Ratio Lower Upper

166 100

165 94.8 77.9 116.9

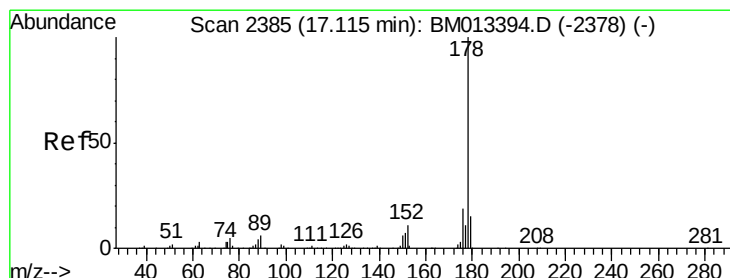
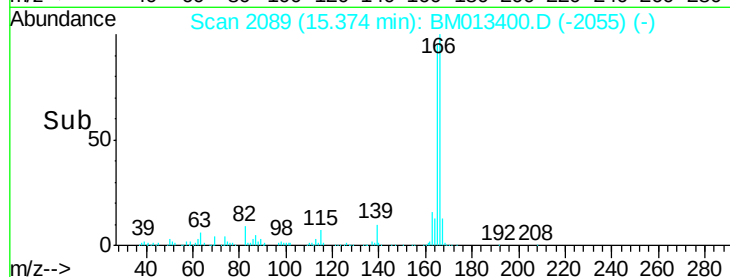
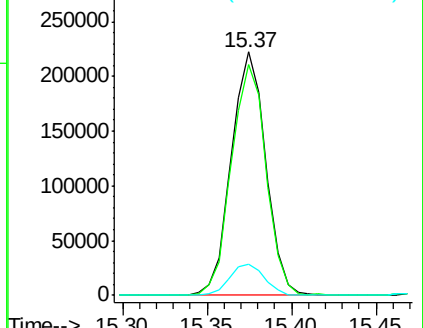
167 12.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 22.350 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM013400.D

Acq: 14 Dec 2017 06:52

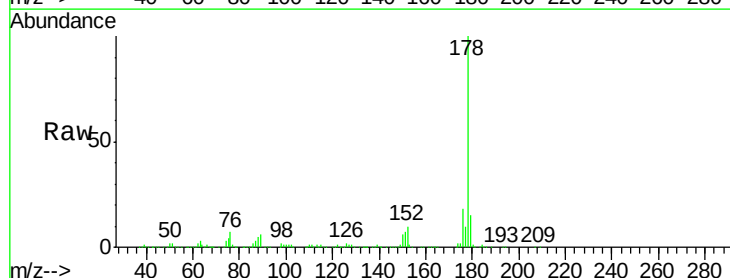
Tgt Ion:178 Resp: 1367445

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

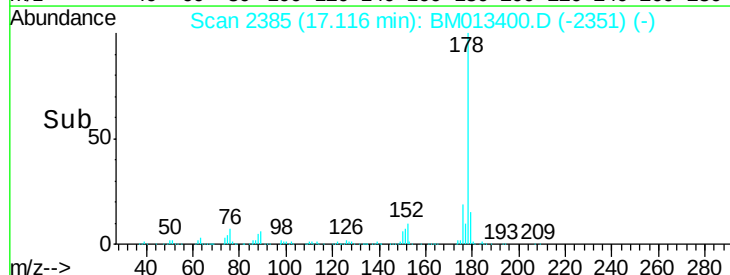
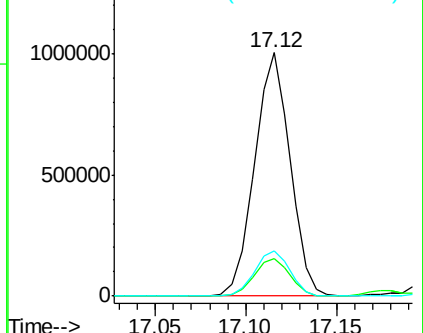
176 18.5 14.9 22.3

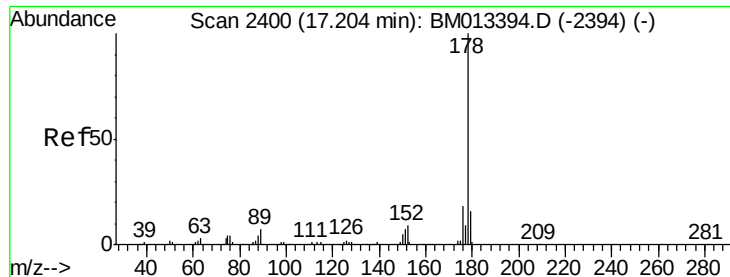


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

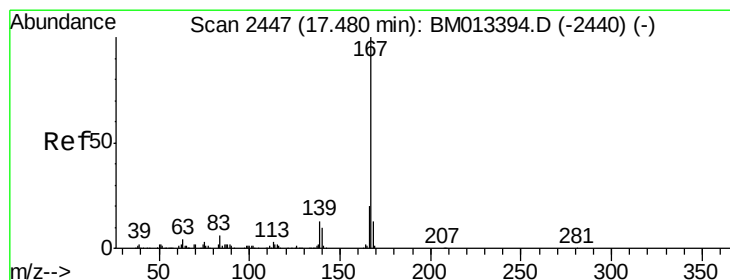
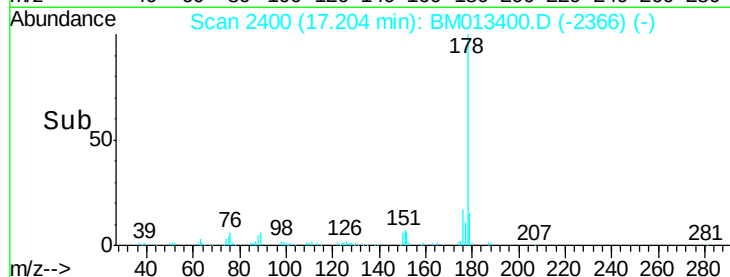
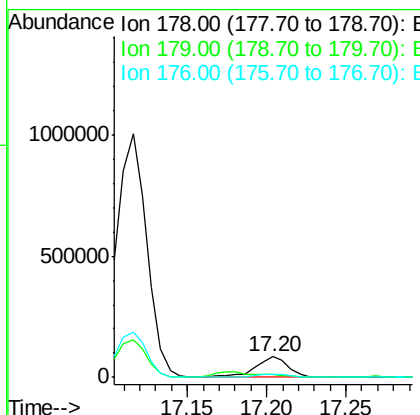
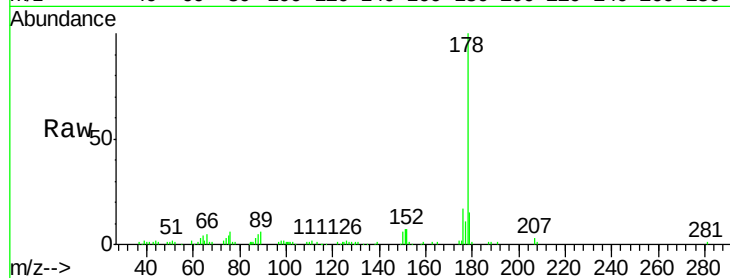




#71
 Anthracene
 Concen: 1.993 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM013400.D
 Acq: 14 Dec 2017 06:52

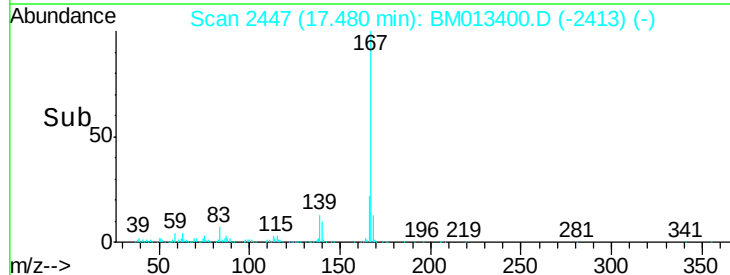
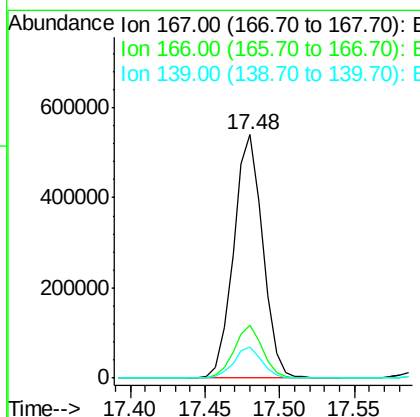
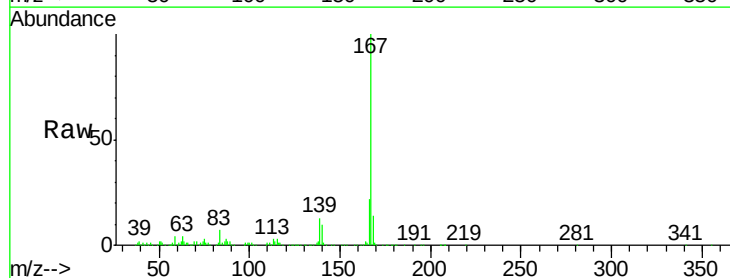
Instrument :
 BNA_M
 ClientSampleId :

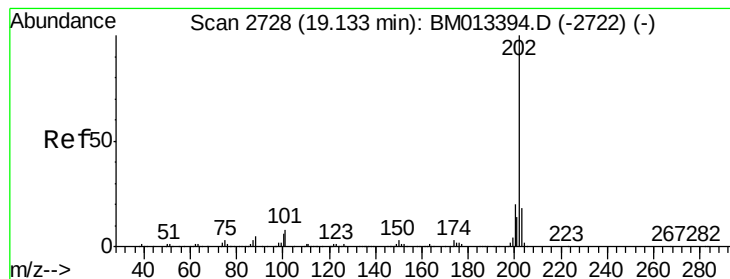
Tgt Ion:178 Resp: 124646
 Ion Ratio Lower Upper
 178 100
 179 14.9 11.7 17.5
 176 16.9 14.6 21.8



#72
 Carbazole
 Concen: 13.701 ng/ul
 RT: 17.48 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BM013400.D
 Acq: 14 Dec 2017 06:52

Tgt Ion:167 Resp: 737024
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.9 10.0 15.0





#74

Fluoranthene

Concen: 3.274 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. 0.00 min

Lab File: BM013400.D

Acq: 14 Dec 2017 06:52

Instrument :

BNA_M

ClientSampleId :

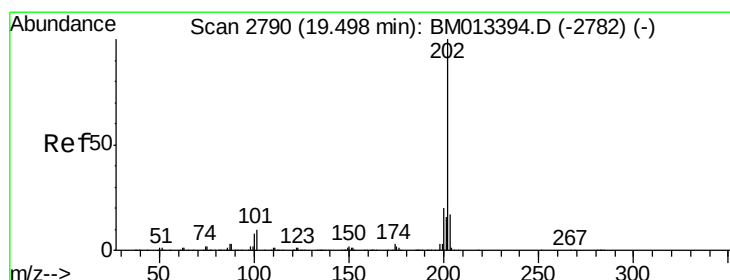
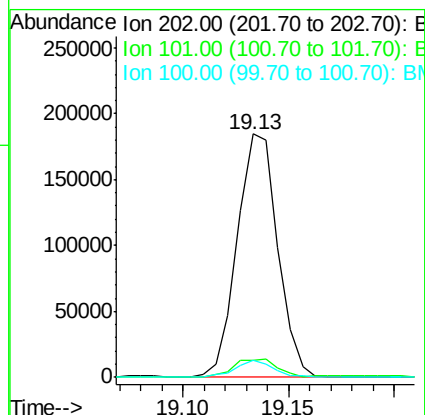
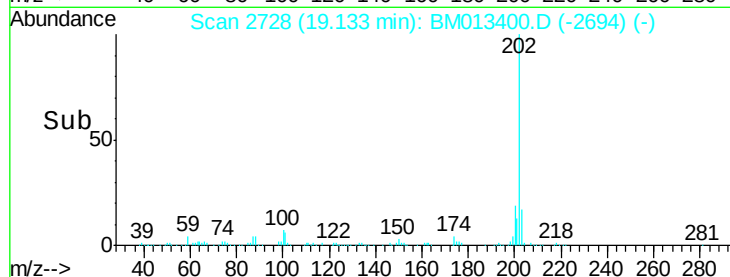
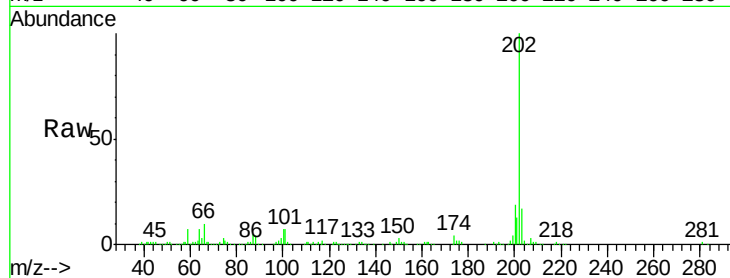
Tgt Ion:202 Resp: 245489

Ion Ratio Lower Upper

202 100

101 6.9 4.6 7.0

100 7.0 3.4 5.2#



#77

Pyrene

Concen: 1.996 ng/ul

RT: 19.50 min Scan# 2790

Delta R.T. 0.00 min

Lab File: BM013400.D

Acq: 14 Dec 2017 06:52

Tgt Ion:202 Resp: 164411

Ion Ratio Lower Upper

202 100

101 10.9 5.1 7.7#

100 6.9 4.9 7.3

