

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121317\
 Data File : BM013401.D
 Acq On : 14 Dec 2017 07:27
 Operator : SJ/JU
 Sample : I6775-08DL 30X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 14 10:24:34 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	149914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	626934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	388421	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	974859	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1097617	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	987609	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	126	0.04	ng/uL	-0.01
5) Phenol-d5	6.87	99	13700	1.06	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.02	67	8843	1.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	11006	1.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	11380	1.03	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	5792	1.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	5903	1.11	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.10	165	11304	1.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	4768	0.47	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	43915	1.27	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	52978	1.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	3060	0.51	ng/ul	0.02
57) Fluorene-d10	15.32	176	40158	1.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	1785	0.29	ng/ul	0.00
70) Anthracene-d10	17.17	188	66830	1.37	ng/ul	0.00
76) Pyrene-d10	19.47	212	78310	1.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	62589	1.24	ng/ul	0.00

Target Compounds

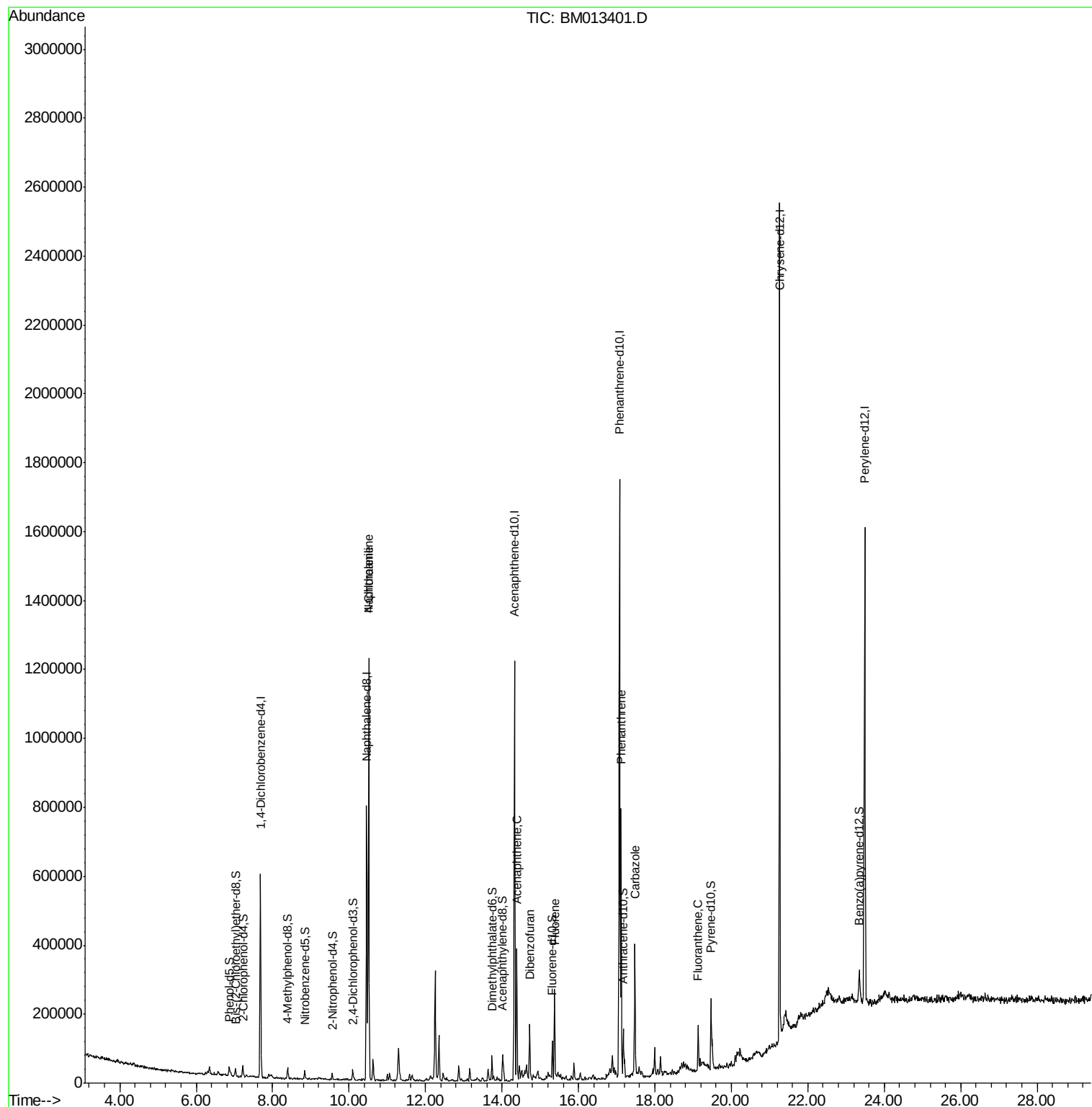
					Qvalue	
28) Naphthalene	10.51	128	930229	28.840	ng/ul	99
30) 4-Chloroaniline	10.51	127	120543	12.355	ng/ul#	7
49) Acenaphthene	14.39	153	136300	5.069	ng/ul	97
53) Dibenzofuran	14.72	168	91460	2.304	ng/ul	94
58) Fluorene	15.37	166	103718	3.158	ng/ul	96
69) Phenanthrene	17.12	178	433539	7.828	ng/ul	98
72) Carbazole	17.48	167	226476	4.651	ng/ul	96
74) Fluoranthene	19.13	202	73346	1.081	ng/ul#	92

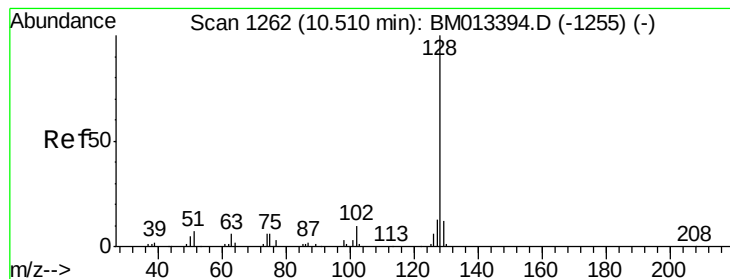
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 28.840 ng/ul

RT: 10.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BM013401.D

Acq: 14 Dec 2017 07:27

Instrument :

BNA_M

ClientSampleId :

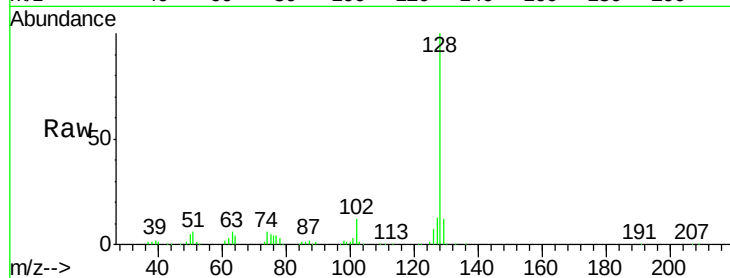
Tgt Ion:128 Resp: 930229

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

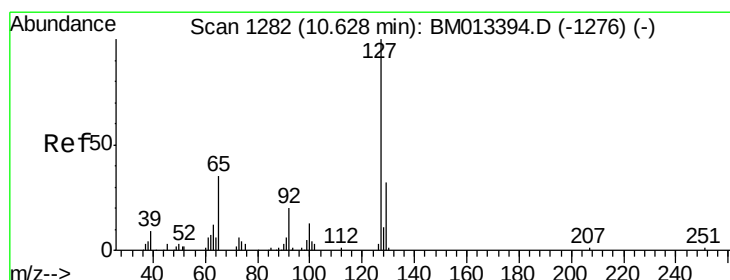
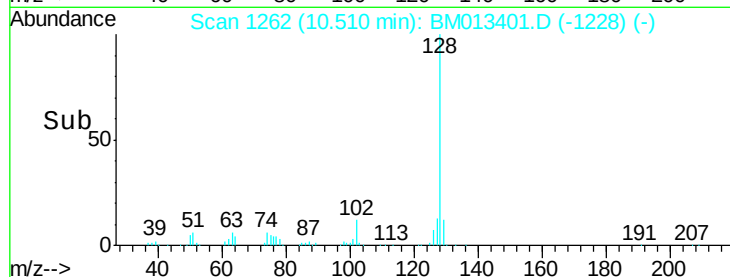
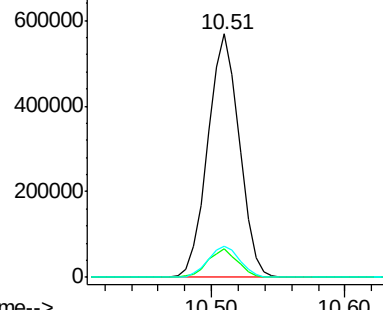
127 12.9 10.6 16.0



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: 12.355 ng/ul

RT: 10.51 min Scan# 1262

Delta R.T. -0.12 min

Lab File: BM013401.D

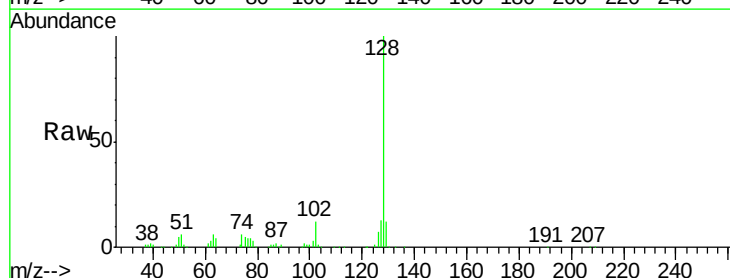
Acq: 14 Dec 2017 07:27

Tgt Ion:127 Resp: 120543

Ion Ratio Lower Upper

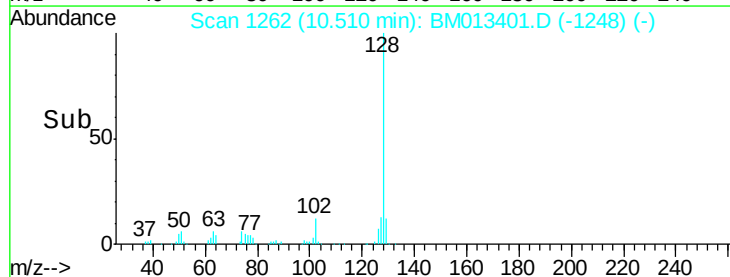
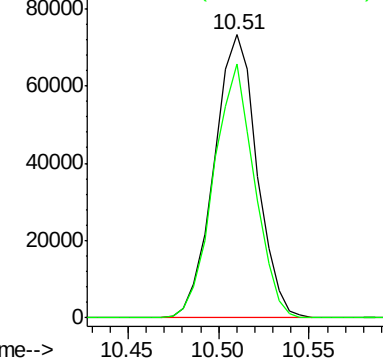
127 100

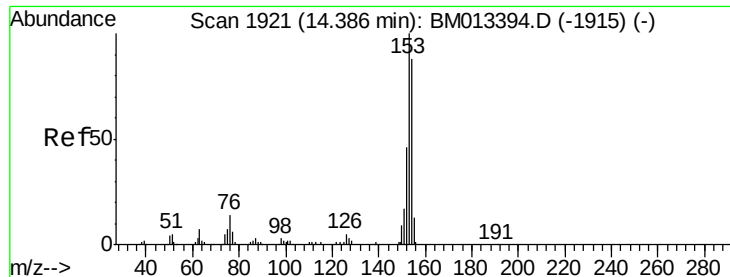
129 89.9 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#49

Acenaphthene

Concen: 5.069 ng/ul

RT: 14.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BM013401.D

Acq: 14 Dec 2017 07:27

Instrument :

BNA_M

ClientSampleId :

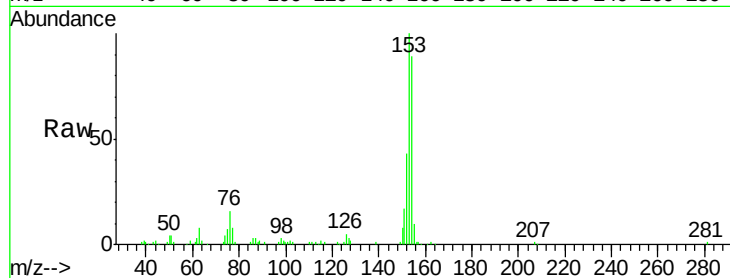
Tgt Ion:153 Resp: 136300

Ion Ratio Lower Upper

153 100

152 43.3 37.6 56.4

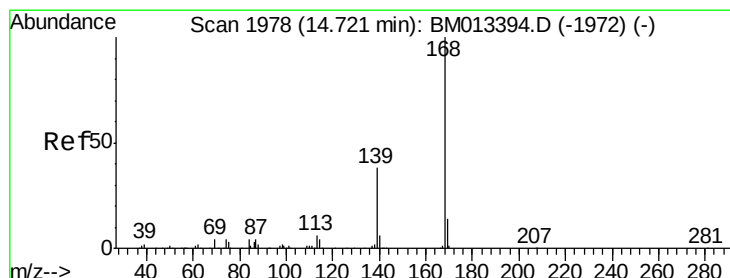
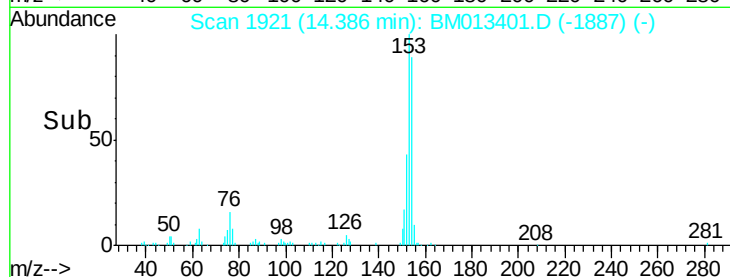
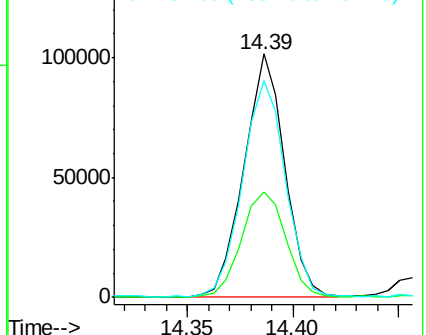
154 89.0 70.4 105.6



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: 2.304 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM013401.D

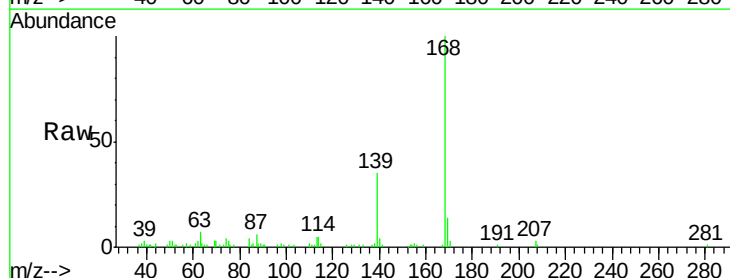
Acq: 14 Dec 2017 07:27

Tgt Ion:168 Resp: 91460

Ion Ratio Lower Upper

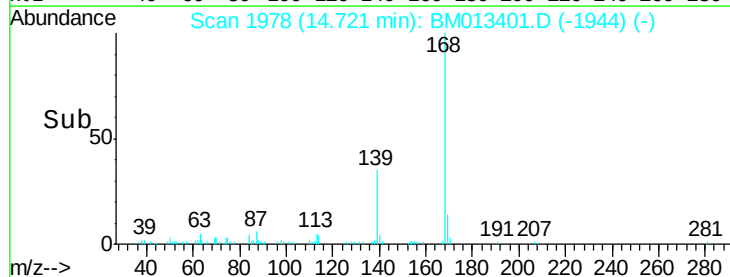
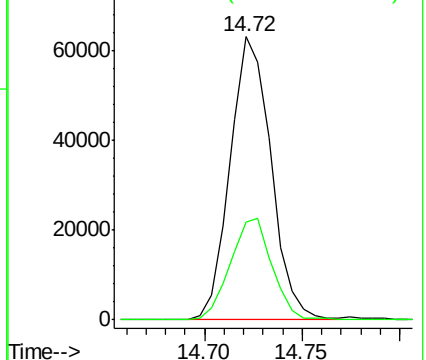
168 100

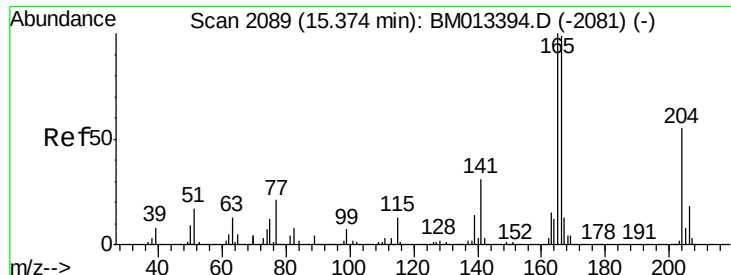
139 34.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

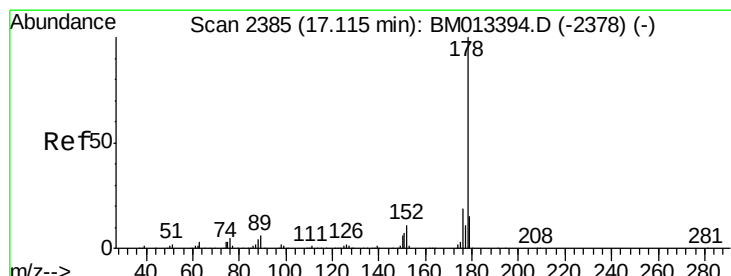
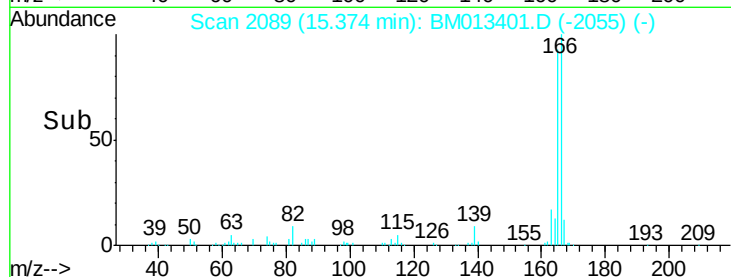
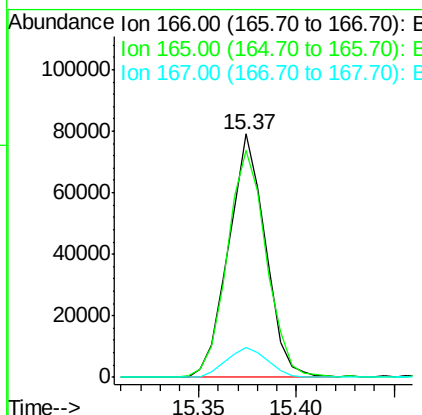
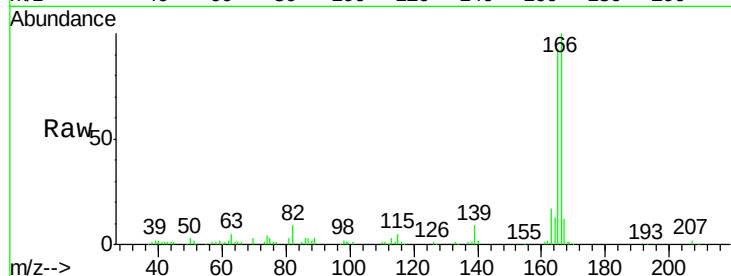




#58
 Fluorene
 Concen: 3.158 ng/ul
 RT: 15.37 min Scan# 2089
 Delta R.T. -0.00 min
 Lab File: BM013401.D
 Acq: 14 Dec 2017 07:27

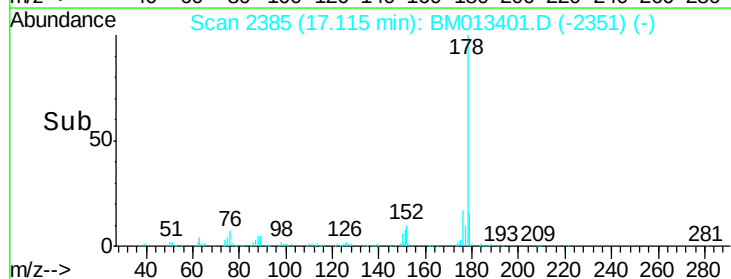
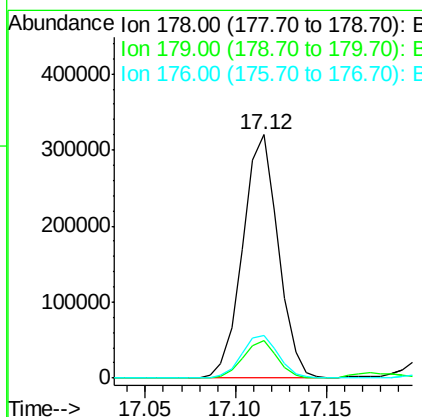
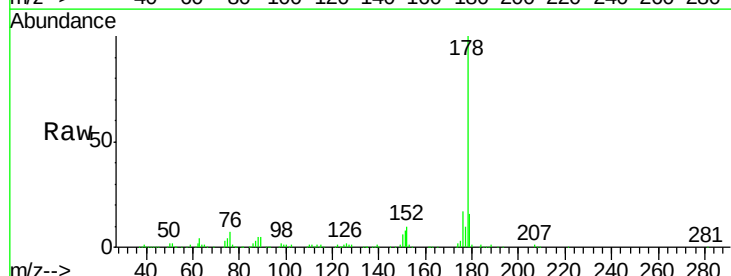
Instrument :
 BNA_M
 ClientSampleId :

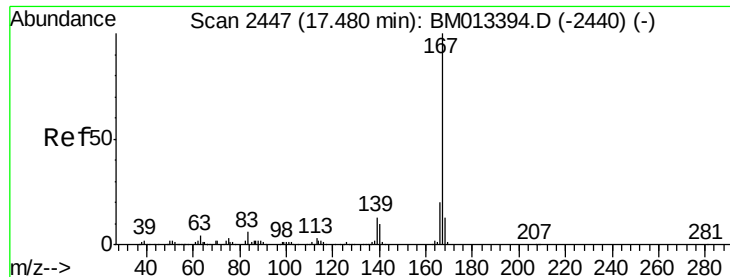
Tgt Ion:166 Resp: 103718
 Ion Ratio Lower Upper
 166 100
 165 93.3 77.9 116.9
 167 12.2 10.6 16.0



#69
 Phenanthrene
 Concen: 7.828 ng/ul
 RT: 17.12 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: BM013401.D
 Acq: 14 Dec 2017 07:27

Tgt Ion:178 Resp: 433539
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 19.0
 176 17.3 14.9 22.3





#72

Carbazole

Concen: 4.651 ng/ul

RT: 17.48 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BM013401.D

Acq: 14 Dec 2017 07:27

Instrument :

BNA_M

ClientSampleId :

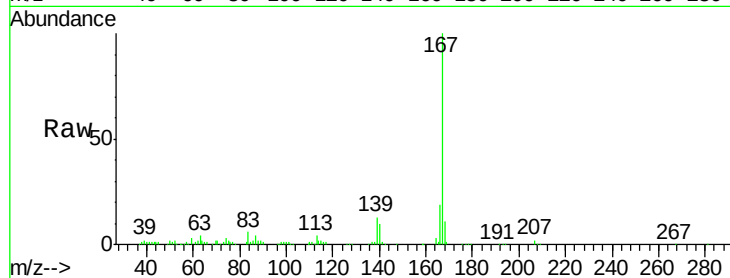
Tgt Ion:167 Resp: 226476

Ion Ratio Lower Upper

167 100

166 19.1 17.1 25.7

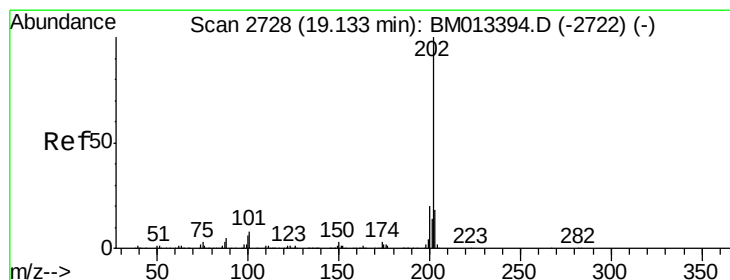
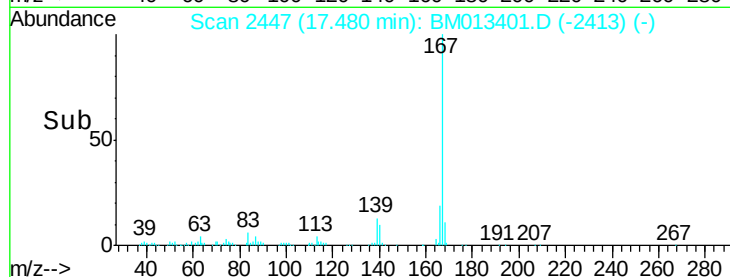
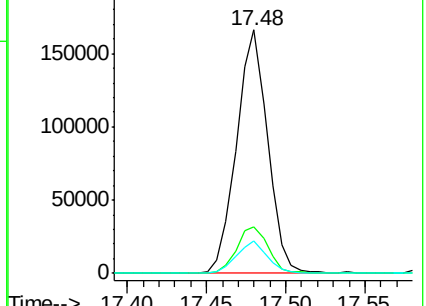
139 13.1 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 1.081 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM013401.D

Acq: 14 Dec 2017 07:27

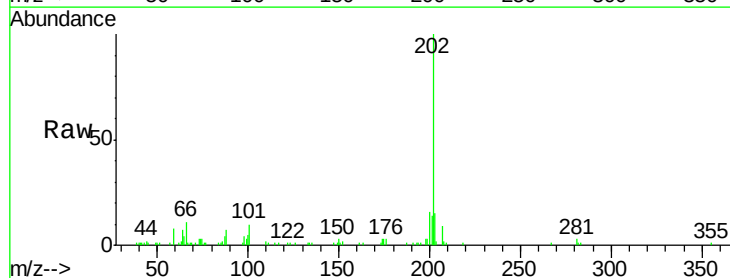
Tgt Ion:202 Resp: 73346

Ion Ratio Lower Upper

202 100

101 9.7 4.6 7.0#

100 5.4 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

