

Data File : BM013478.D
Acq On : 16 Dec 2017 15:59
Operator : SJ/JU
Sample : I6775-08DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A11DL

Quant Time: Dec 18 03:13:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	253380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1121201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	640540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1348964	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	988995	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	839712	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2939	0.57	ng/uL	0.00
5) Phenol-d5	6.85	99	77065	3.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	44382	3.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	61320	3.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	66492	3.55	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	31337	3.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	33191	3.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	69129	3.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	20700	1.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	203612	3.57	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	252900	3.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	21079	2.13	ng/ul	0.01
57) Fluorene-d10	15.31	176	173866	3.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	6001	0.71	ng/ul	0.00
70) Anthracene-d10	17.16	188	258353	3.82	ng/ul	0.00
76) Pyrene-d10	19.46	212	240359	4.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	162149	3.79	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.50	128	4716707	81.77	ng/ul	100
30) 4-Chloroaniline	10.50	127	605966	34.73	ng/ul#	21
49) Acenaphthene	14.38	153	643502	14.51	ng/ul	97
53) Dibenzofuran	14.72	168	390081	5.96	ng/ul	97
58) Fluorene	15.37	166	461558	8.52	ng/ul	98
69) Phenanthrene	17.11	178	1709771	22.31	ng/ul	99
71) Anthracene	17.20	178	156171	1.99	ng/ul	100
72) Carbazole	17.47	167	883085	13.11	ng/ul	98
74) Fluoranthene	19.13	202	250561	2.67	ng/ul#	92
77) Pyrene	19.49	202	161263	2.68	ng/ul#	86

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

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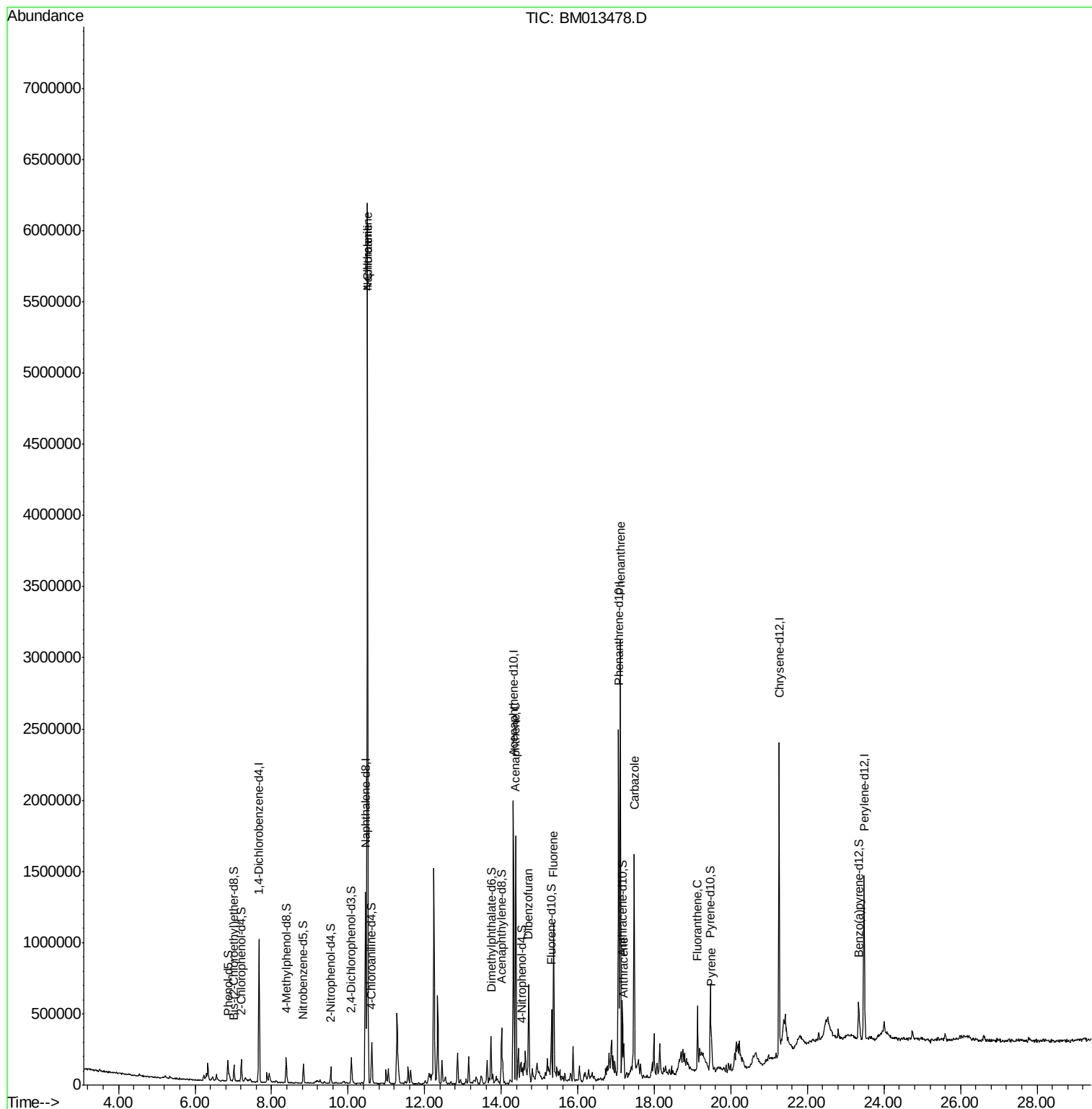
Quant Time: Dec 18 03:13:09 2017

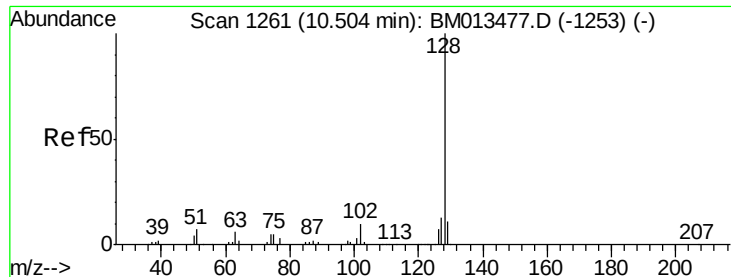
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Dec 18 03:13:05 2017

Response via : Initial Calibration

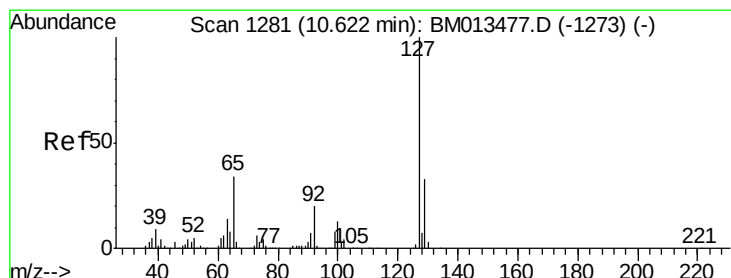
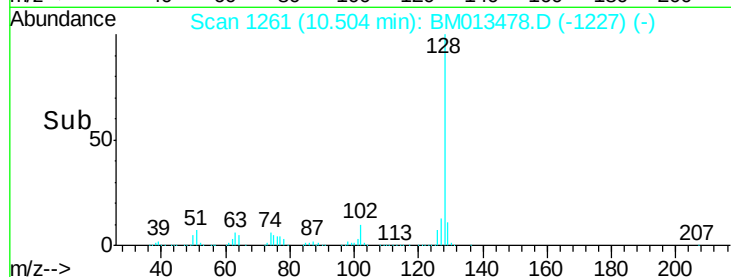
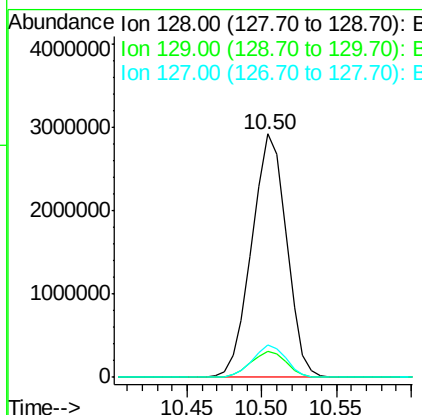
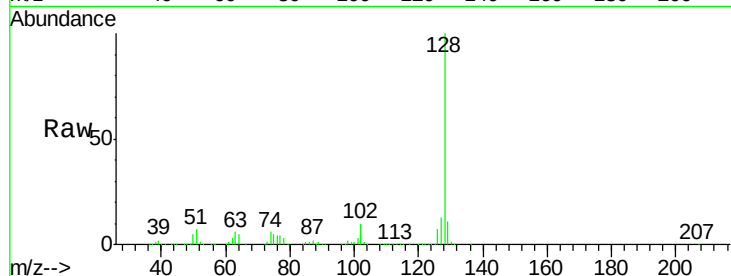




#28
Naphthalene
Concen: 81.77 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM013478.D
Acq: 16 Dec 2017 15:59

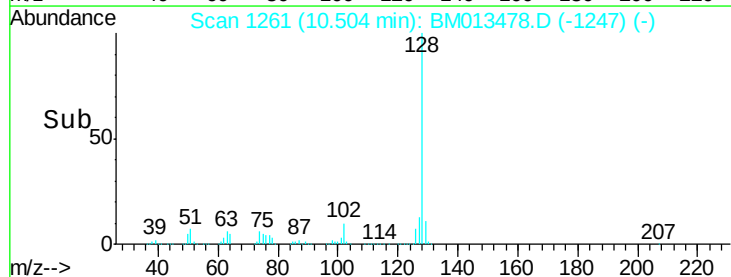
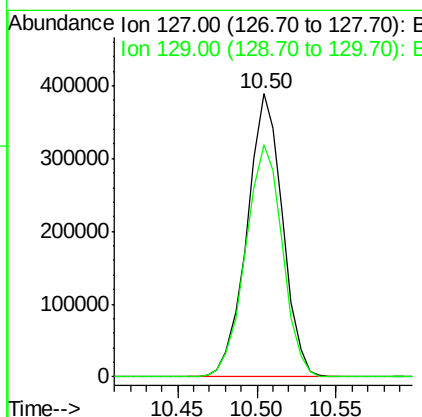
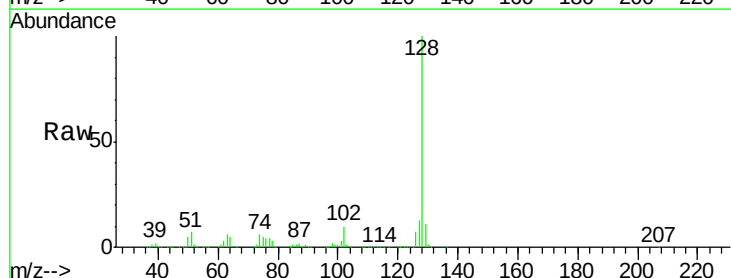
Instrument :
BNA_M
ClientSampleId :
F9A11DL

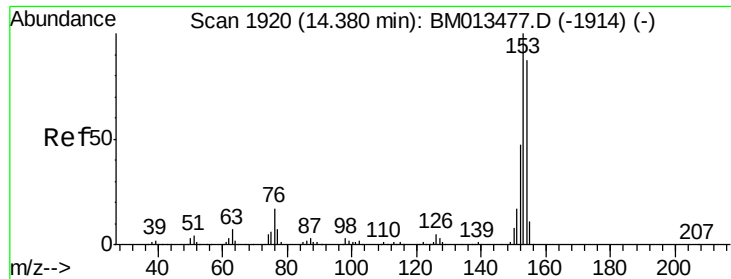
Tgt Ion:128 Resp: 4716707
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.6 16.0



#30
4-Chloroaniline
Concen: 34.73 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BM013478.D
Acq: 16 Dec 2017 15:59

Tgt Ion:127 Resp: 605966
Ion Ratio Lower Upper
127 100
129 82.0 28.4 42.6#





#49

Acenaphthene

Concen: 14.51 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

Instrument :

BNA_M

ClientSampleId :

F9A11DL

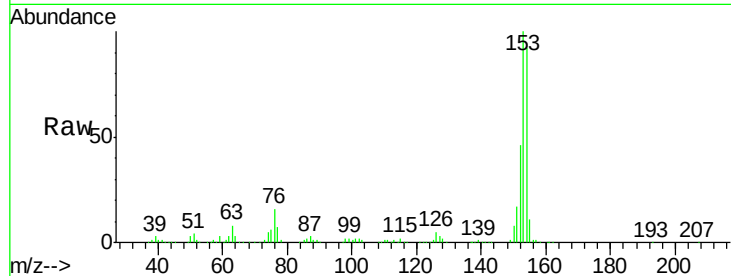
Tgt Ion:153 Resp: 643502

Ion Ratio Lower Upper

153 100

152 45.6 37.6 56.4

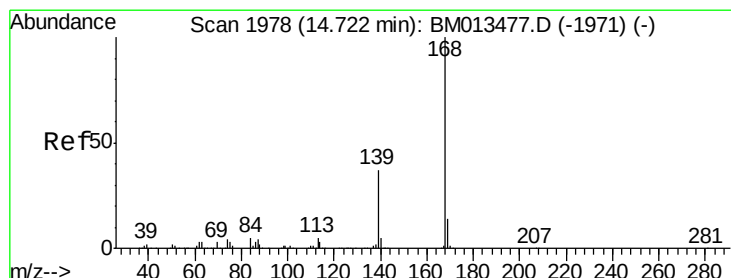
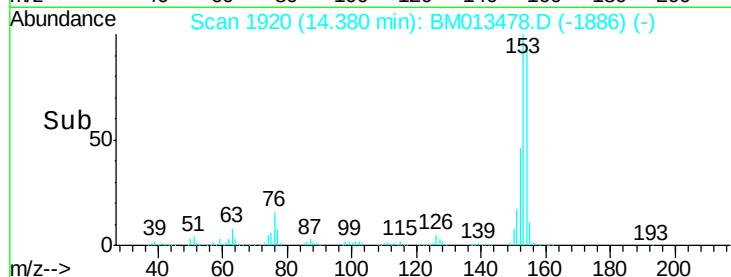
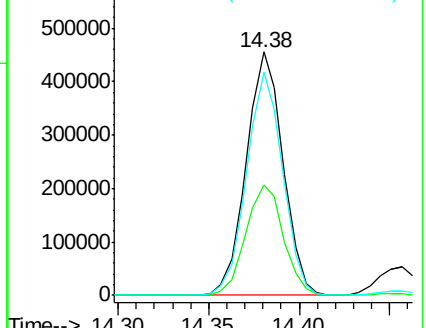
154 91.6 70.4 105.6



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: 5.96 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM013478.D

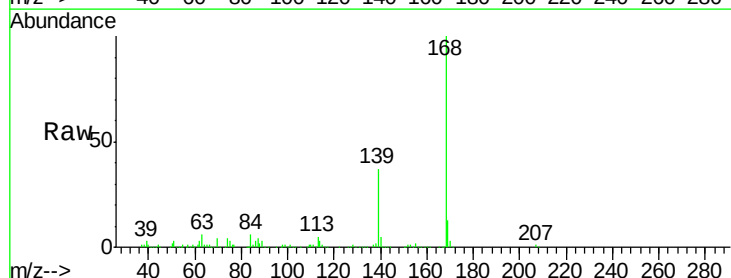
Acq: 16 Dec 2017 15:59

Tgt Ion:168 Resp: 390081

Ion Ratio Lower Upper

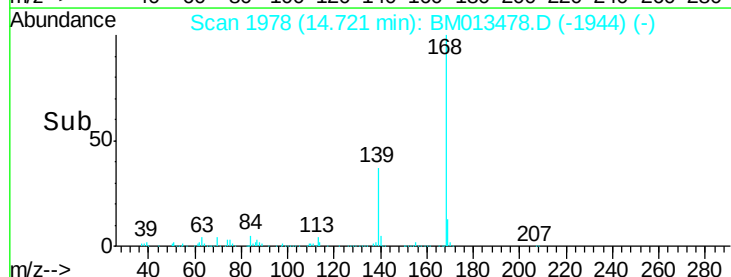
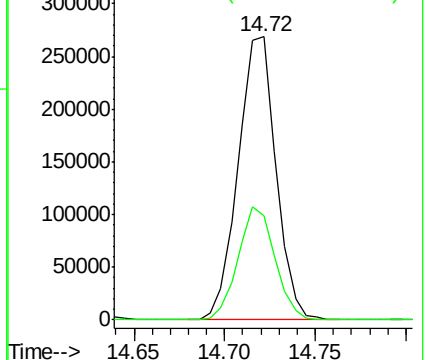
168 100

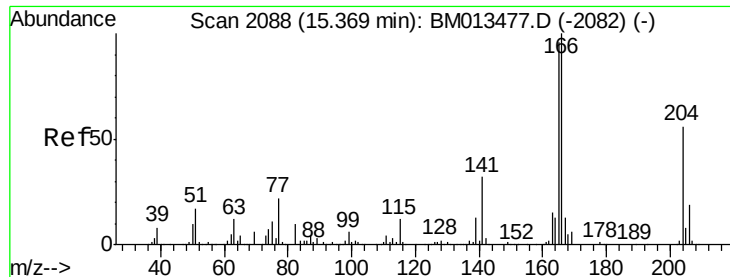
139 36.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

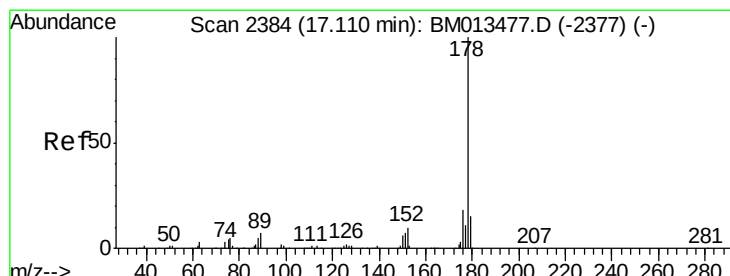
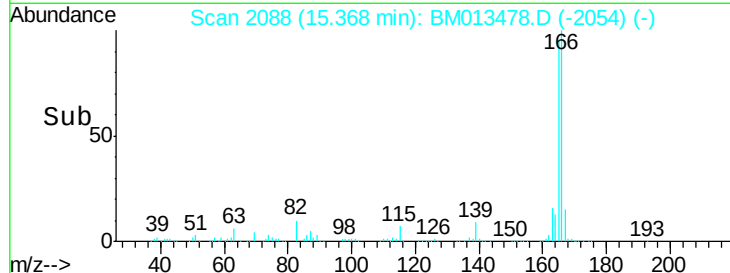
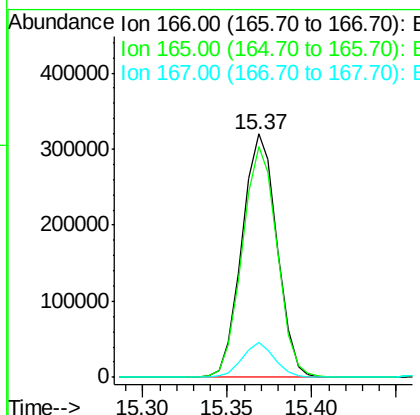
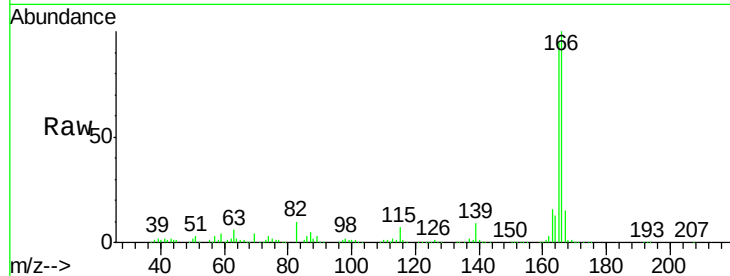




#58
 Fluorene
 Concen: 8.52 ng/ul
 RT: 15.37 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BM013478.D
 Acq: 16 Dec 2017 15:59

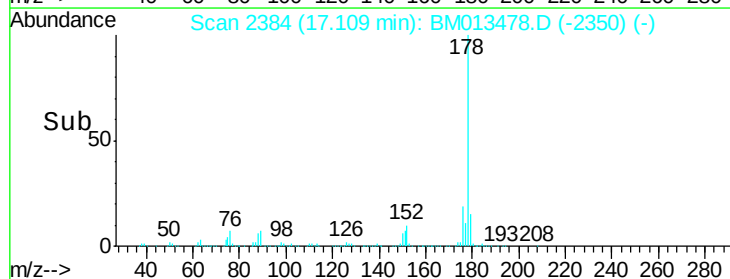
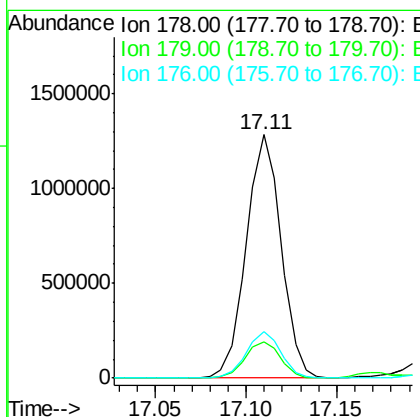
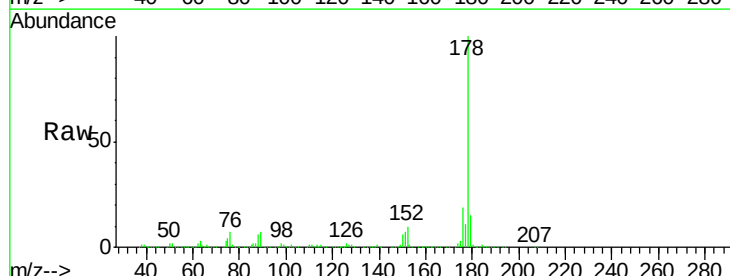
Instrument :
 BNA_M
 ClientSampleId :
 F9A11DL

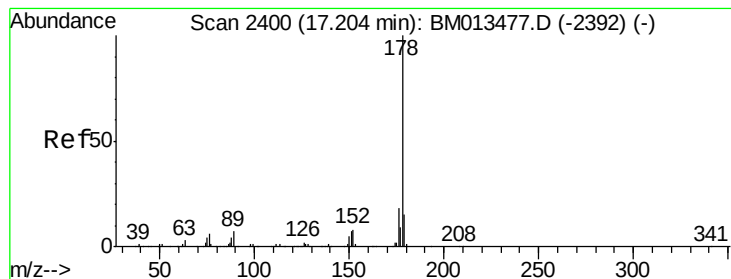
Tgt Ion:166 Resp: 461558
 Ion Ratio Lower Upper
 166 100
 165 95.1 77.9 116.9
 167 14.5 10.6 16.0



#69
 Phenanthrene
 Concen: 22.31 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BM013478.D
 Acq: 16 Dec 2017 15:59

Tgt Ion:178 Resp: 1709771
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.6 19.0
 176 19.1 14.9 22.3





#71

Anthracene

Concen: 1.99 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

Instrument :

BNA_M

ClientSampleId :

F9A11DL

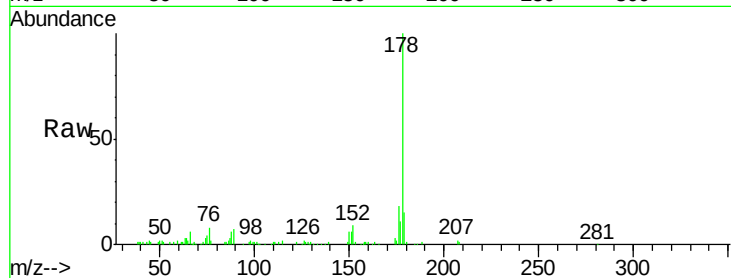
Tgt Ion:178 Resp: 156171

Ion Ratio Lower Upper

178 100

179 14.7 11.7 17.5

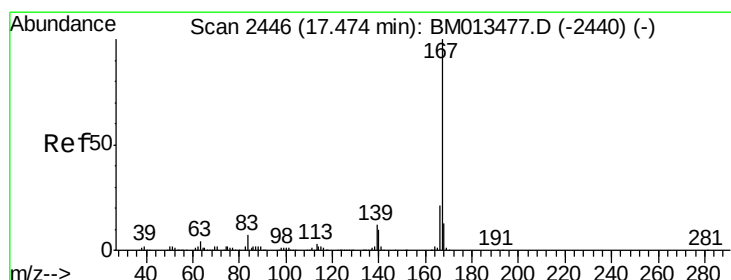
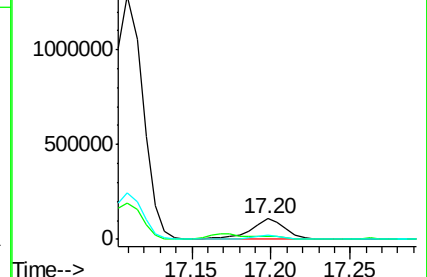
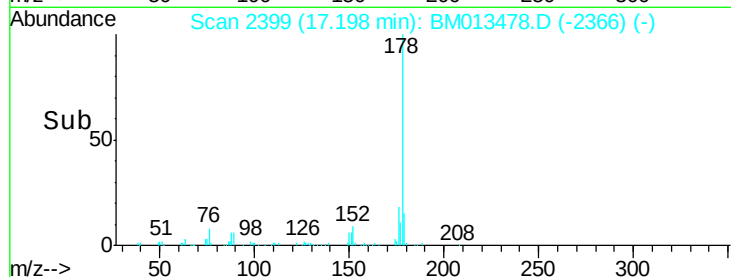
176 18.0 14.6 21.8



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



#72

Carbazole

Concen: 13.11 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

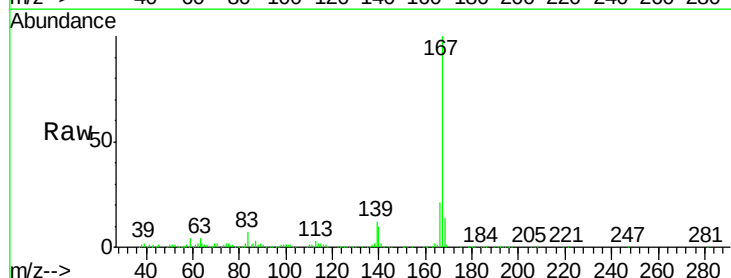
Tgt Ion:167 Resp: 883085

Ion Ratio Lower Upper

167 100

166 20.5 17.1 25.7

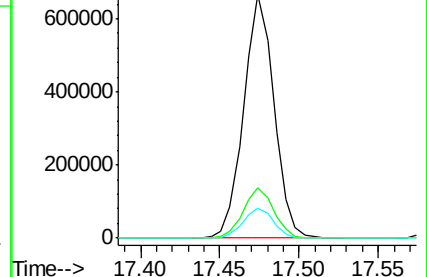
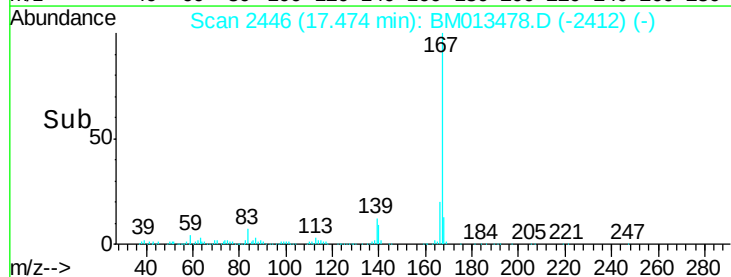
139 12.0 10.0 15.0

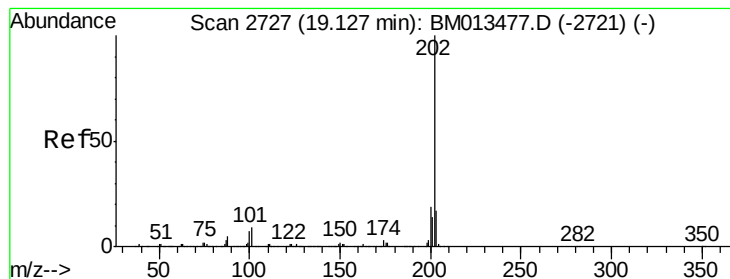


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 2.67 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

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ClientSampleId :

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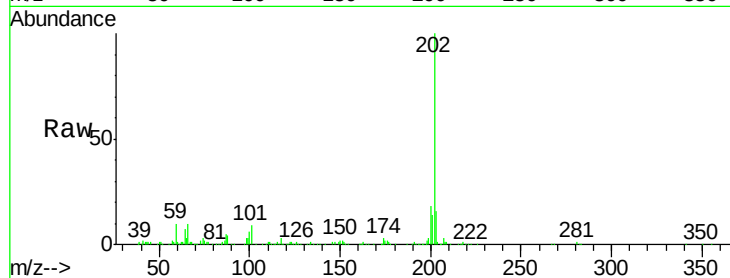
Tgt Ion:202 Resp: 250561

Ion Ratio Lower Upper

202 100

101 9.2 4.6 7.0#

100 5.7 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

250000

200000

150000

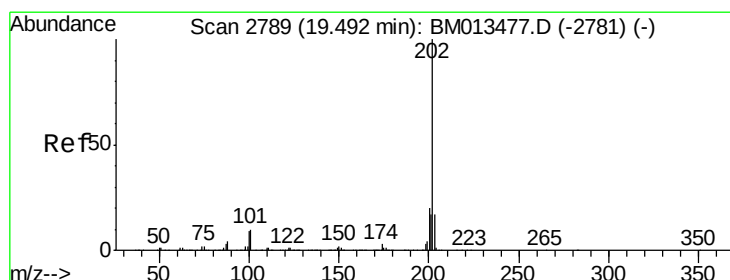
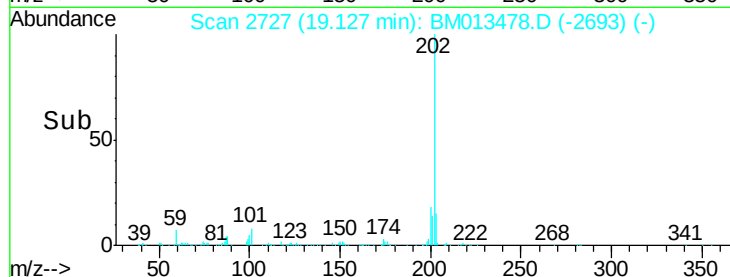
100000

50000

0

19.10 19.15

Time-->



#77

Pyrene

Concen: 2.68 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013478.D

Acq: 16 Dec 2017 15:59

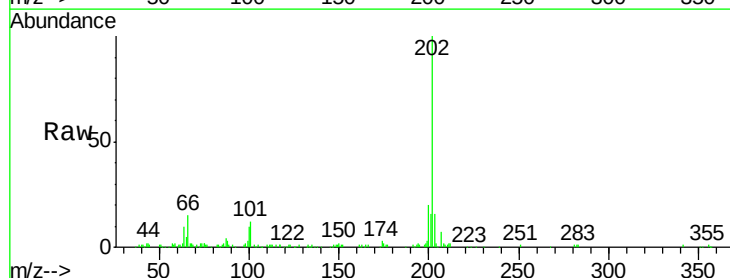
Tgt Ion:202 Resp: 161263

Ion Ratio Lower Upper

202 100

101 11.6 5.1 7.7#

100 10.1 4.9 7.3#



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

150000

100000

50000

0

19.40 19.45 19.50 19.55

Time-->

