

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010726.D
 Acq On : 24 Jun 2017 12:50
 Operator : SJ/JU
 Sample : I3653-02ME 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B19ME

Quant Time: Jun 26 01:52:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 01:49:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	88038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	405270	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	282422	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	694821	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	784019	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	590466	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	649	0.42	ng/uL	0.00
5) Phenol-d5	6.65	99	32091	3.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	18754	3.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	24807	4.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	27571	3.97	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	11940	4.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	14851	4.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	31196	4.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	39741	5.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	115897	4.67	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	130832	4.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	15070	3.45	ng/ul	0.00
57) Fluorene-d10	15.11	176	102046	4.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	14669	3.44	ng/ul	0.00
70) Anthracene-d10	16.87	188	694821	20.71	ng/ul	-0.09
76) Pyrene-d10	19.27	212	196347	5.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	134646	4.72	ng/ul	0.00

Target Compounds

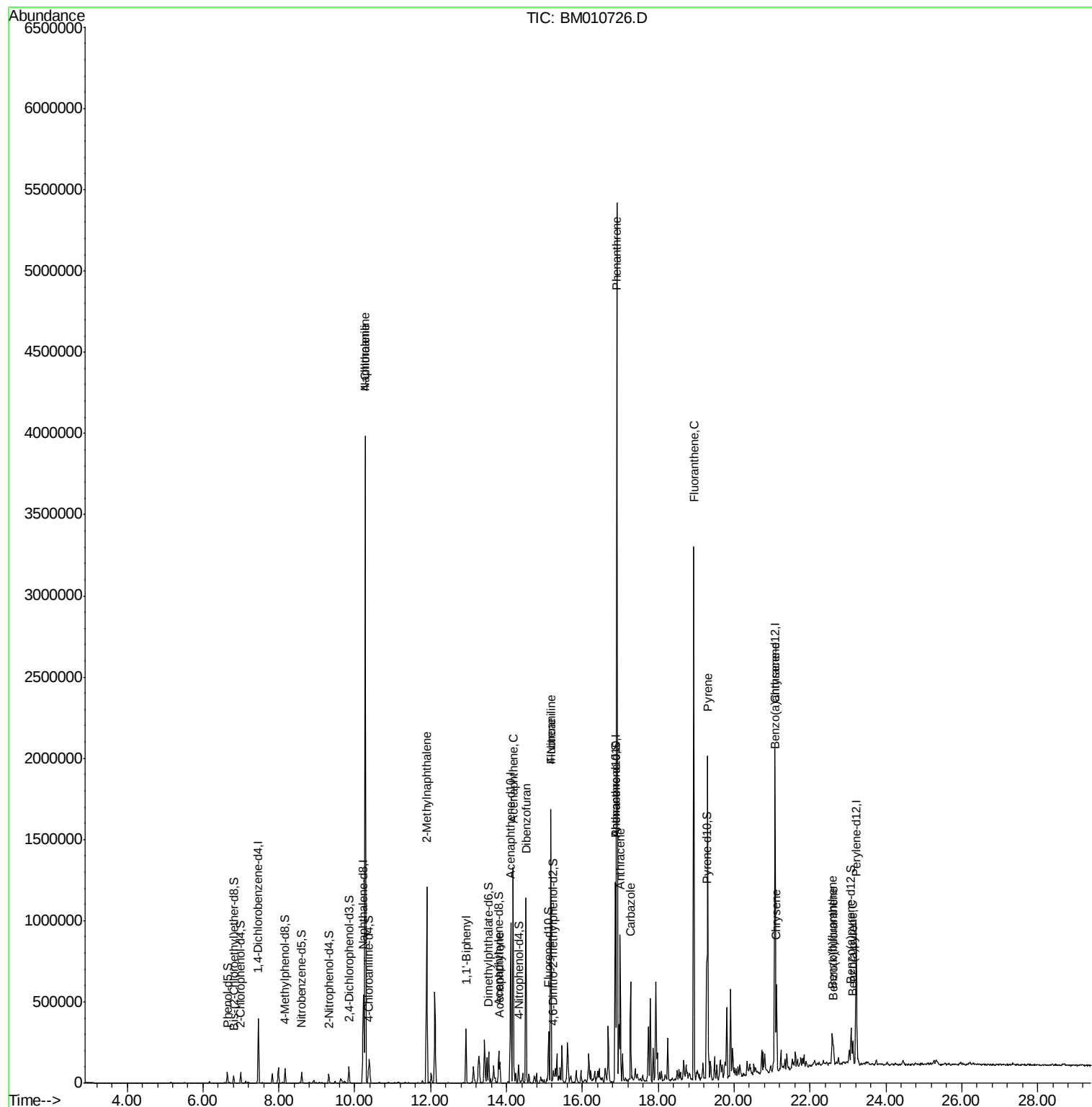
						Qvalue
28) Naphthalene	10.28	128	2898107	143.70	ng/ul	99
30) 4-Chloroaniline	10.28	127	388778	52.31	ng/ul#	26
34) 2-Methylnaphthalene	11.90	142	516182	31.84	ng/ul	95
40) 1,1'-Biphenyl	12.93	154	154701	7.01	ng/ul	96
47) Acenaphthylene	13.83	152	52460	1.91	ng/ul	98
49) Acenaphthene	14.17	153	490384	26.47	ng/ul	100
53) Dibenzofuran	14.52	168	607069	21.63	ng/ul	91
58) Fluorene	15.17	166	646417	27.52	ng/ul	99
60) 4-Nitroaniline	15.17	138	9373	1.87	ng/ul#	1
69) Phenanthrene	16.92	178	2995301	81.09	ng/ul	99
71) Anthracene	17.00	178	511961	13.45	ng/ul	98
72) Carbazole	17.27	167	342538	10.32	ng/ul	98
74) Fluoranthene	18.94	202	1876822	39.42	ng/ul#	97
77) Pyrene	19.30	202	1226441	27.08	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	371556	8.14	ng/ul	99
82) Chrysene	21.12	228	287933	7.07	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	169399	4.42	ng/ul#	94
86) Benzo(k)fluoranthene	22.62	252	51706	1.42	ng/ul#	94
88) Benzo(a)pyrene	23.13	252	90824	2.57	ng/ul	96

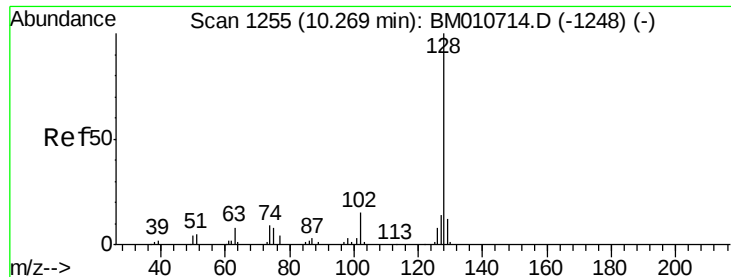
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010726.D
Acq On : 24 Jun 2017 12:50
Operator : SJ/JU
Sample : I3653-02ME 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B19ME

Quant Time: Jun 26 01:52:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration





#28

Naphthalene

Concen: 143.70 ng/ul

RT: 10.28 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

Instrument :

BNA_M

ClientSampleId :

F5B19ME

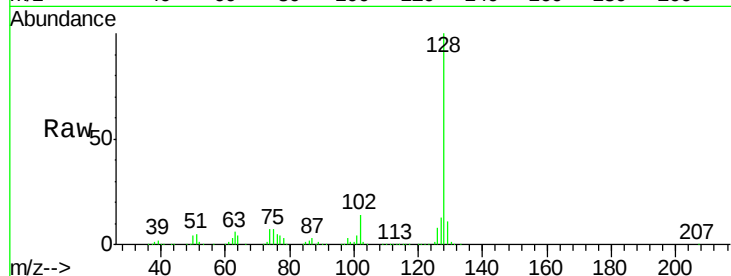
Tgt Ion:128 Resp: 2898107

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

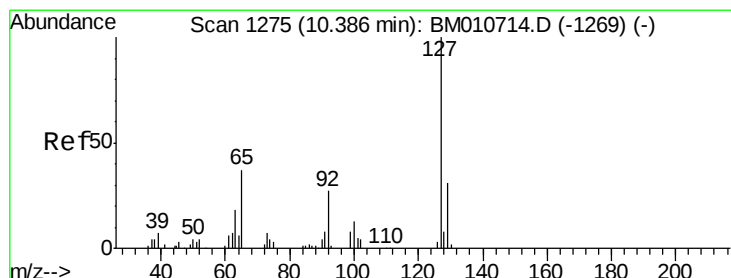
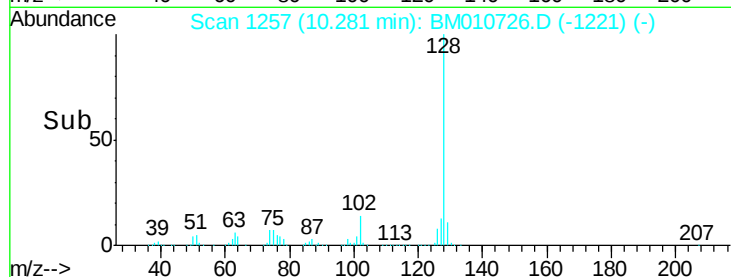
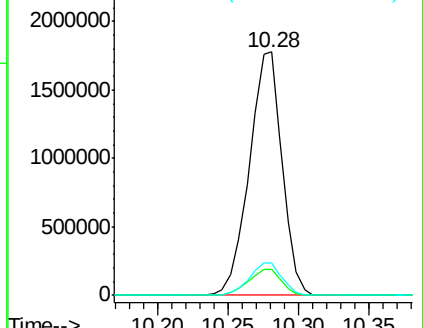
127 13.5 10.6 16.0



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: 52.31 ng/ul

RT: 10.28 min Scan# 1257

Delta R.T. -0.11 min

Lab File: BM010726.D

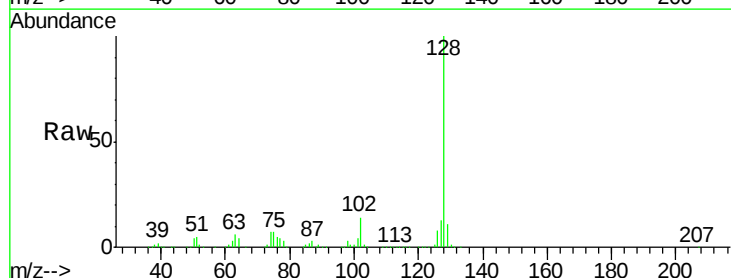
Acq: 24 Jun 2017 12:50

Tgt Ion:127 Resp: 388778

Ion Ratio Lower Upper

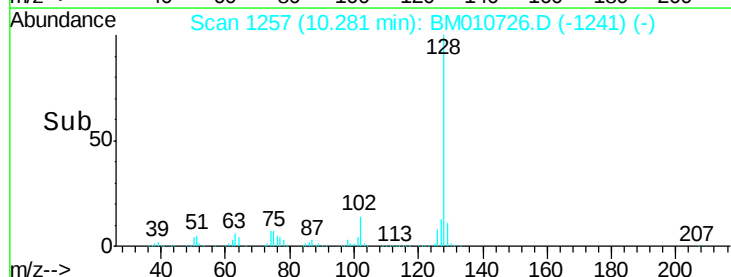
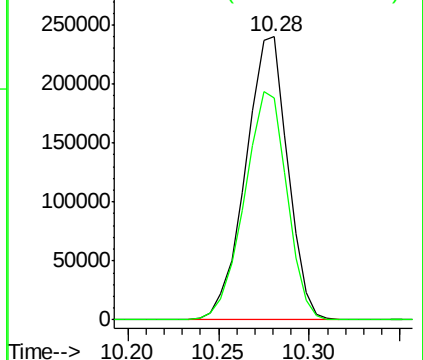
127 100

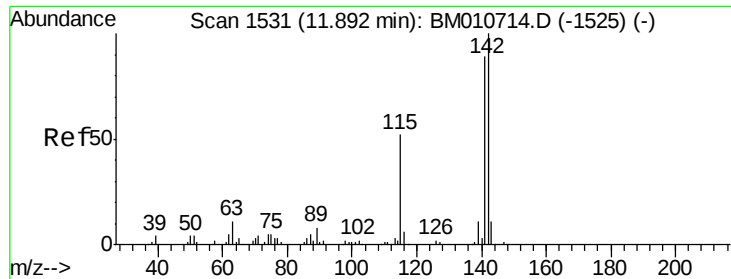
129 78.5 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

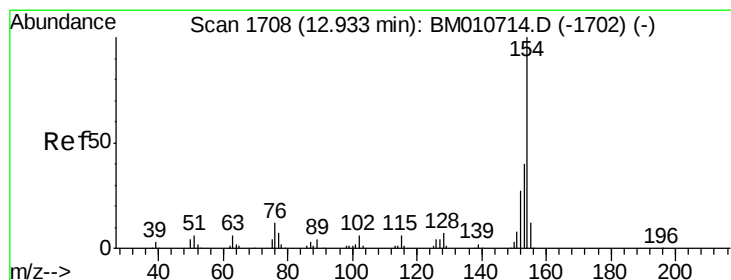
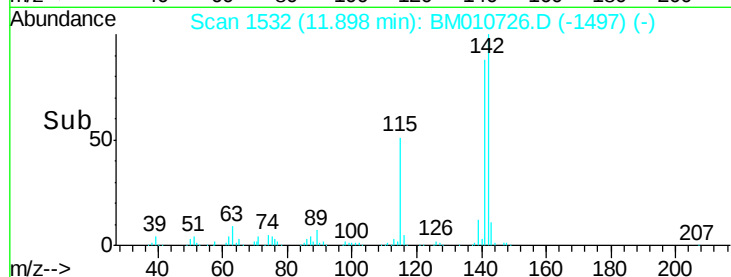
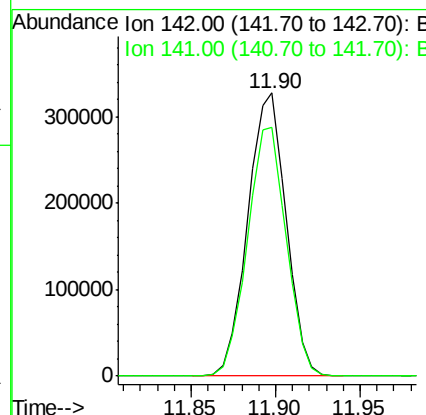
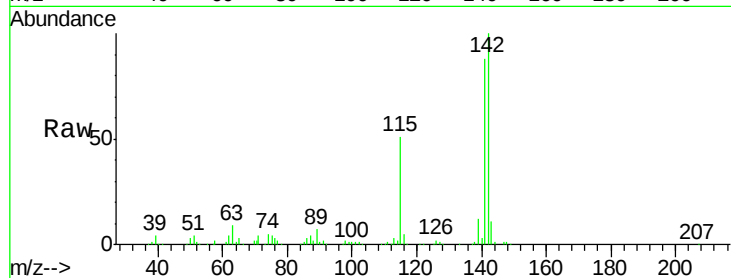




#34
 2-Methylnaphthalene
 Concen: 31.84 ng/ul
 RT: 11.90 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: BM010726.D
 Acq: 24 Jun 2017 12:50

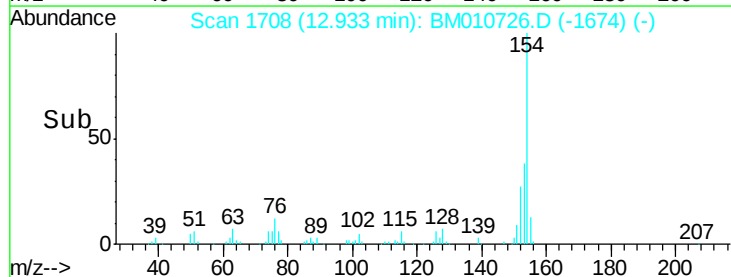
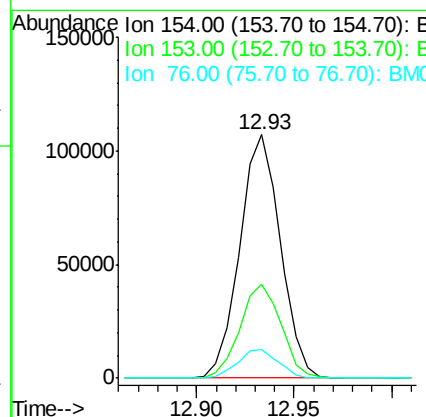
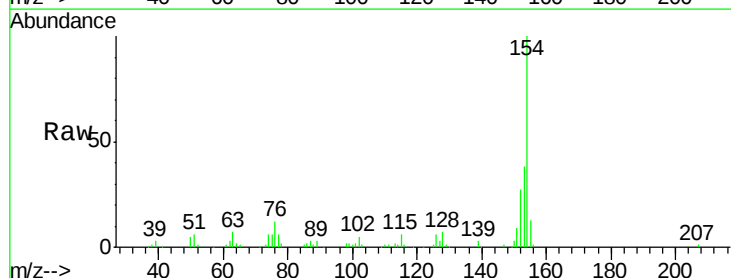
Instrument :
 BNA_M
 ClientSampleId :
 F5B19ME

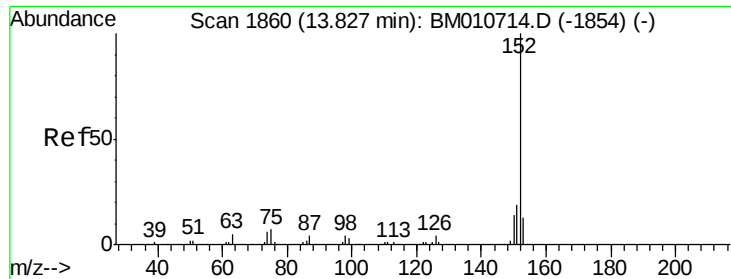
Tgt Ion:142 Resp: 516182
 Ion Ratio Lower Upper
 142 100
 141 88.0 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 7.01 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BM010726.D
 Acq: 24 Jun 2017 12:50

Tgt Ion:154 Resp: 154701
 Ion Ratio Lower Upper
 154 100
 153 38.4 32.6 48.8
 76 11.8 8.5 12.7

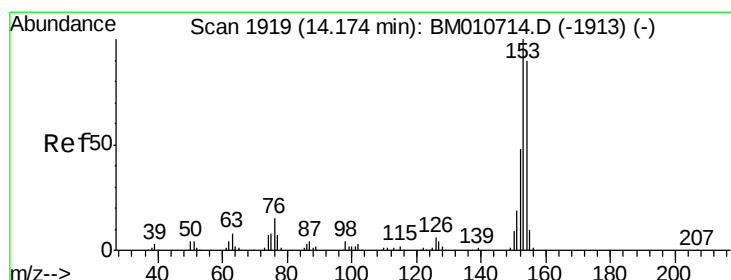
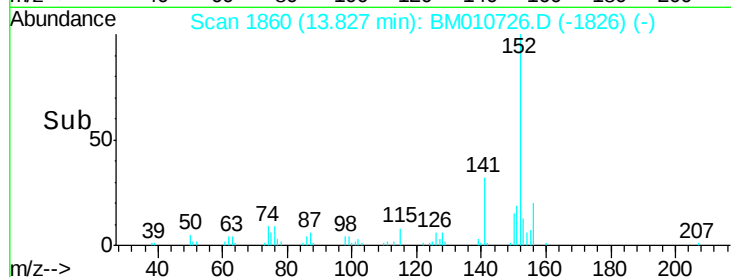
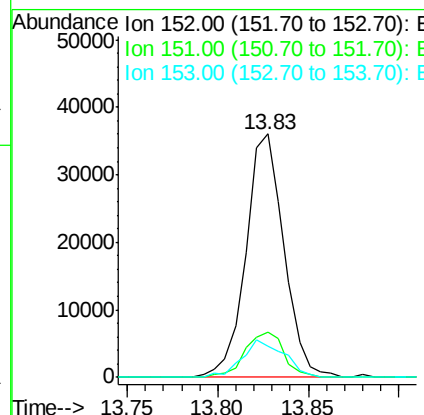
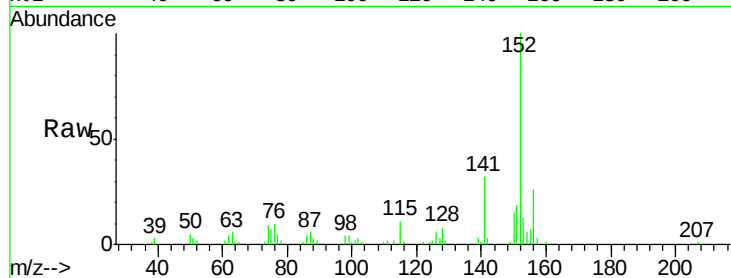




#47
Acenaphthylene
Concen: 1.91 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM010726.D
Acq: 24 Jun 2017 12:50

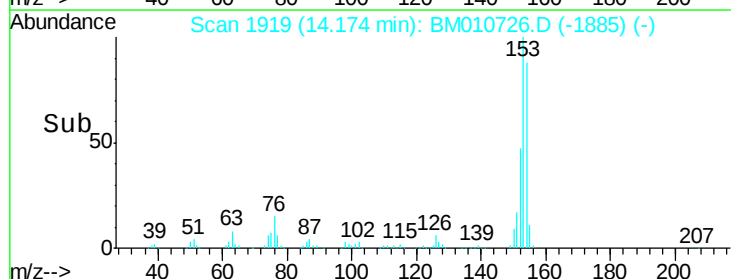
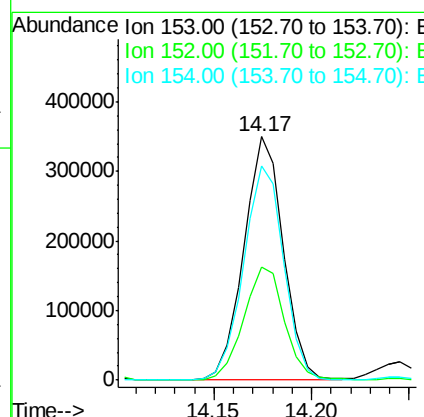
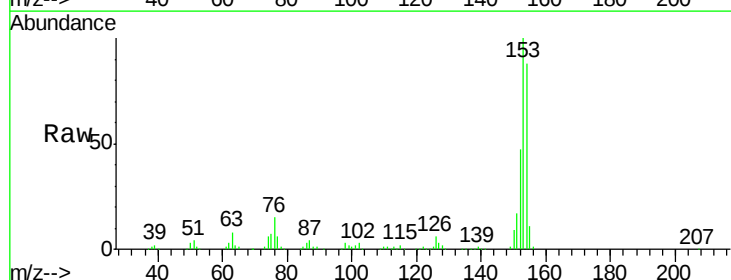
Instrument :
BNA_M
ClientSampleId :
F5B19ME

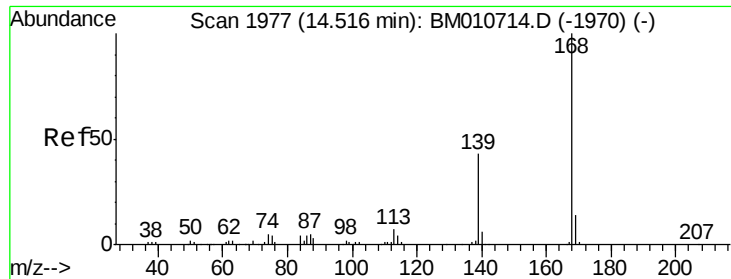
Tgt Ion:152 Resp: 52460
Ion Ratio Lower Upper
152 100
151 18.7 16.3 24.5
153 12.9 10.2 15.4



#49
Acenaphthene
Concen: 26.47 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010726.D
Acq: 24 Jun 2017 12:50

Tgt Ion:153 Resp: 490384
Ion Ratio Lower Upper
153 100
152 46.5 37.6 56.4
154 88.0 70.4 105.6





#53

Dibenzenofuran

Concen: 21.63 ng/ul

RT: 14.52 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

Instrument :

BNA_M

ClientSampleId :

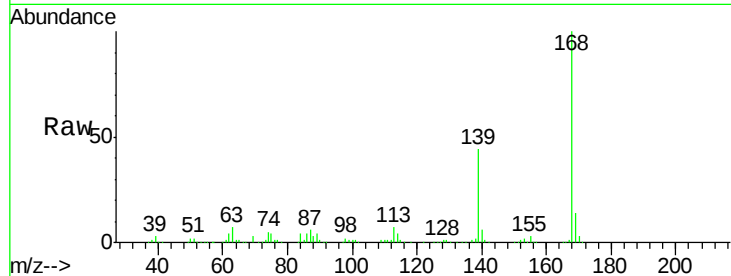
F5B19ME

Tgt Ion:168 Resp: 607069

Ion Ratio Lower Upper

168 100

139 44.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.52

400000

300000

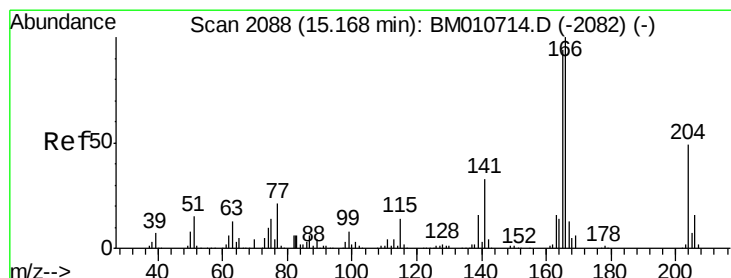
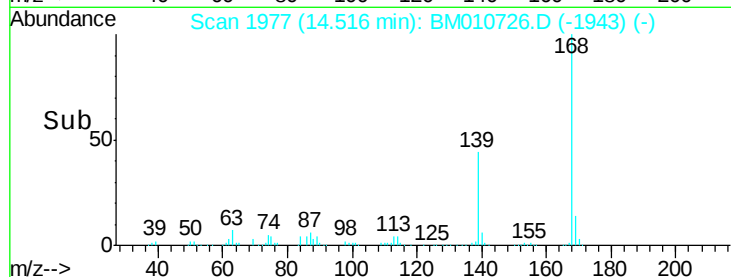
200000

100000

0

Time-->

14.45 14.50 14.55



#58

Fluorene

Concen: 27.52 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

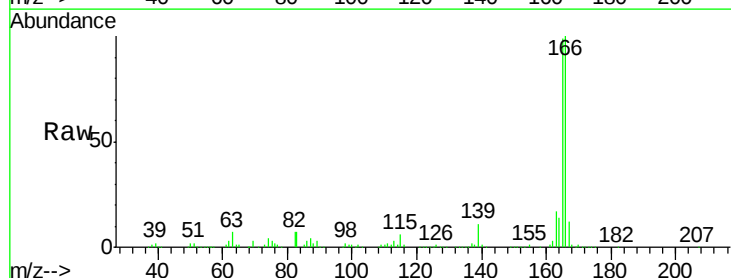
Tgt Ion:166 Resp: 646417

Ion Ratio Lower Upper

166 100

165 98.5 77.9 116.9

167 12.5 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

600000

500000

400000

300000

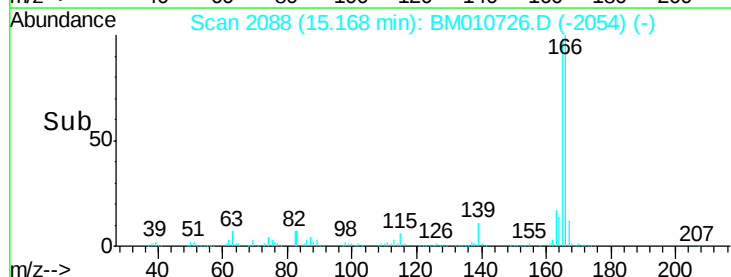
200000

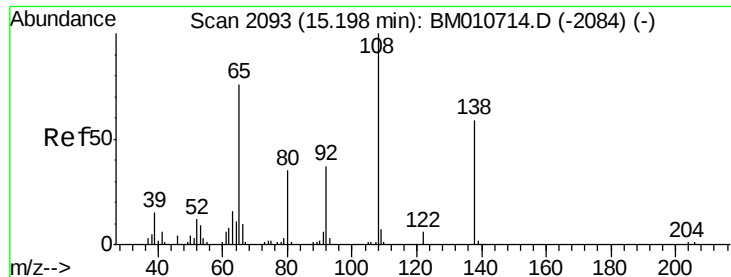
100000

0

Time-->

15.10 15.15 15.20





#60

4-Nitroaniline

Concen: 1.87 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. -0.03 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

Instrument :

BNA_M

ClientSampleId :

F5B19ME

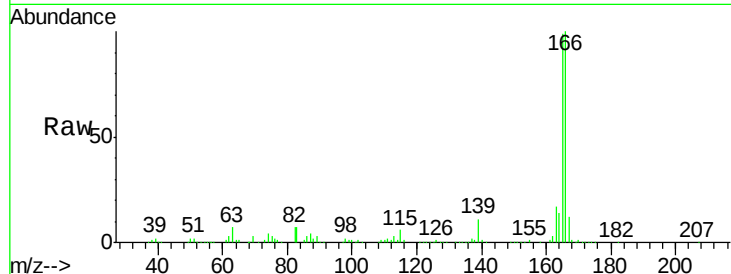
Tgt Ion:138 Resp: 9373

Ion Ratio Lower Upper

138 100

92 0.0 52.7 79.1#

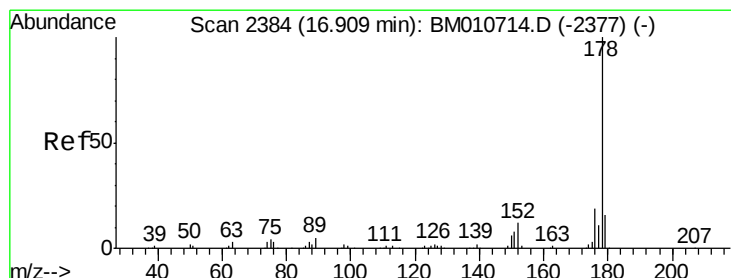
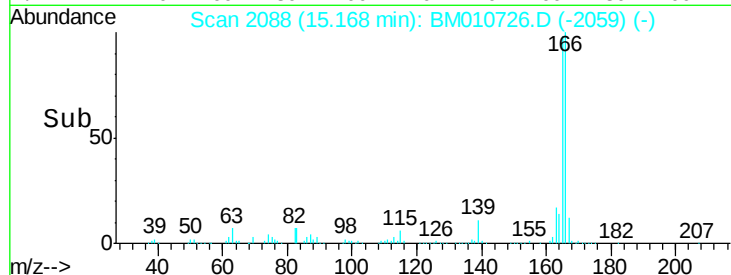
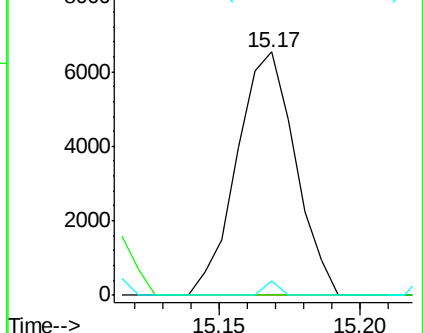
108 5.7 140.4 210.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM010726.D (-2059) (-)

Ion 108.00 (107.70 to 108.70): E



#69

Phenanthrene

Concen: 81.09 ng/ul

RT: 16.92 min Scan# 2385

Delta R.T. 0.01 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

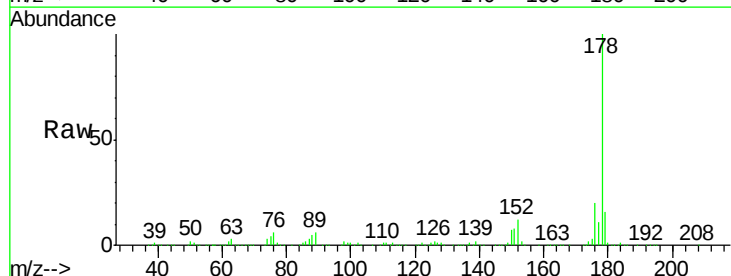
Tgt Ion:178 Resp: 2995301

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

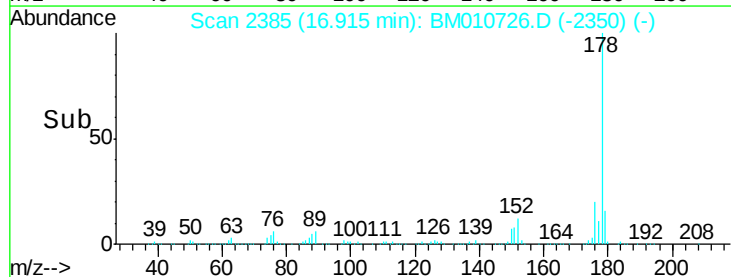
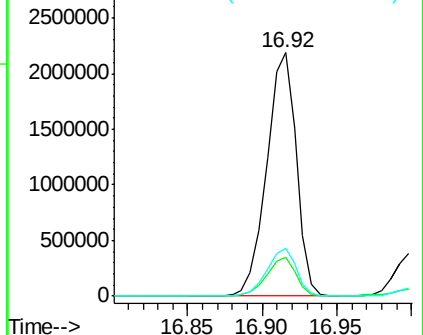
176 19.6 14.9 22.3

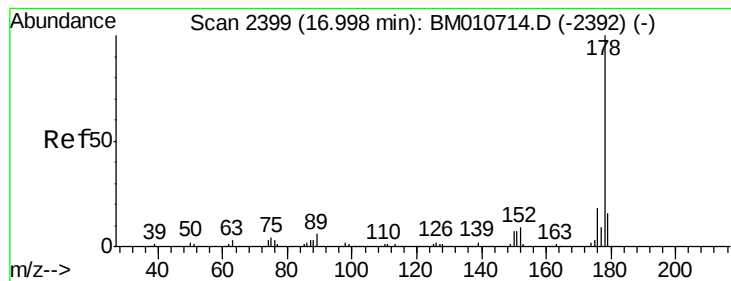


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 13.45 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

Instrument :

BNA_M

ClientSampleId :

F5B19ME

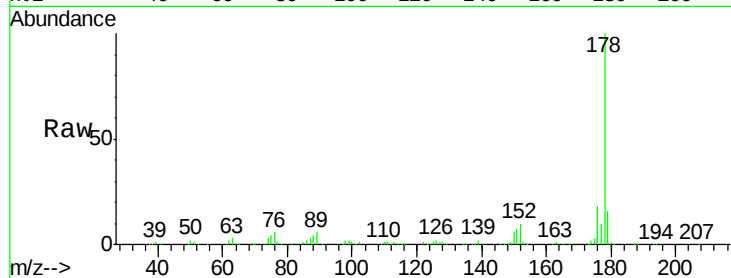
Tgt Ion:178 Resp: 511961

Ion Ratio Lower Upper

178 100

179 15.9 11.7 17.5

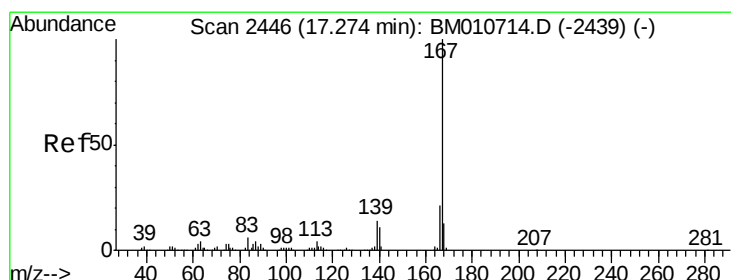
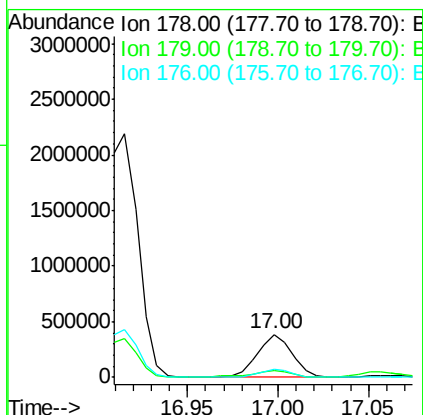
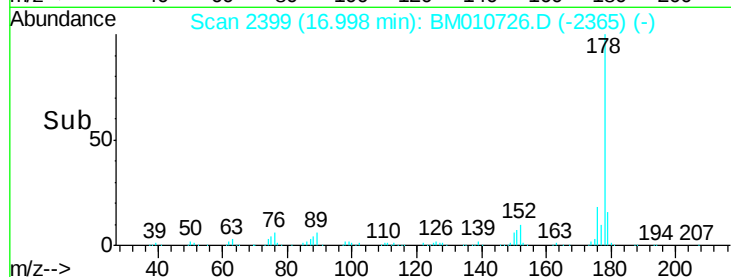
176 18.4 14.6 21.8



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: 10.32 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

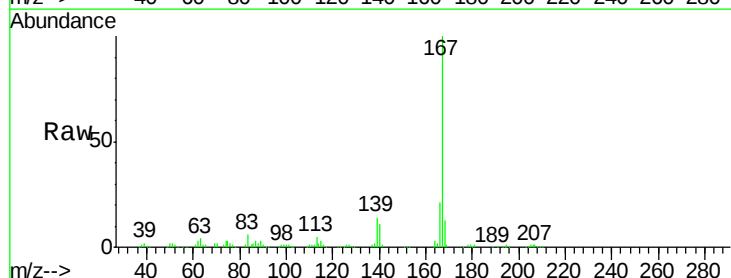
Tgt Ion:167 Resp: 342538

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

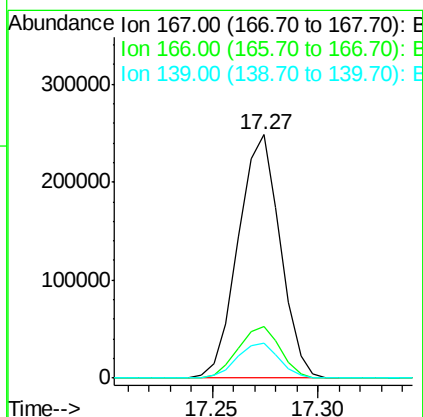
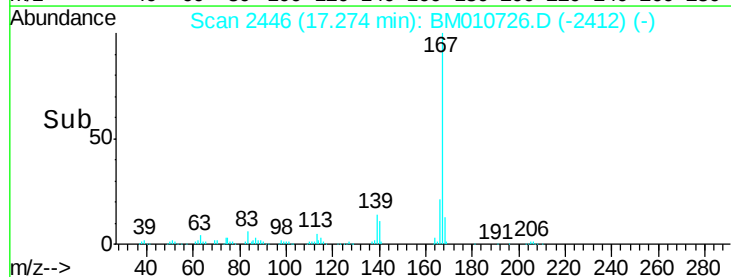
139 14.5 10.0 15.0

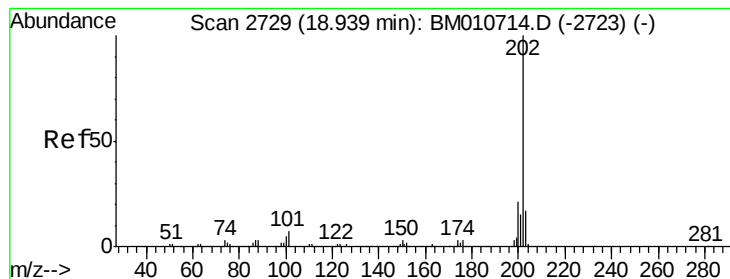


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 39.42 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

Instrument :

BNA_M

ClientSampleId :

F5B19ME

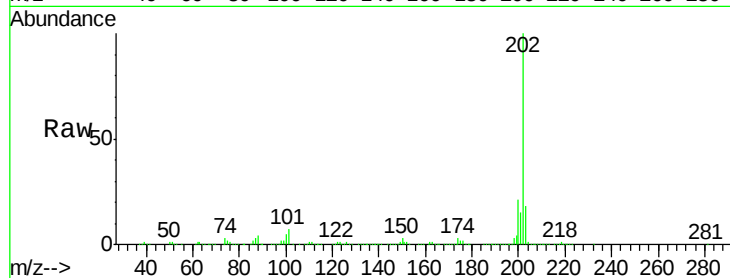
Tgt Ion:202 Resp: 1876822

Ion Ratio Lower Upper

202 100

101 7.1 4.6 7.0#

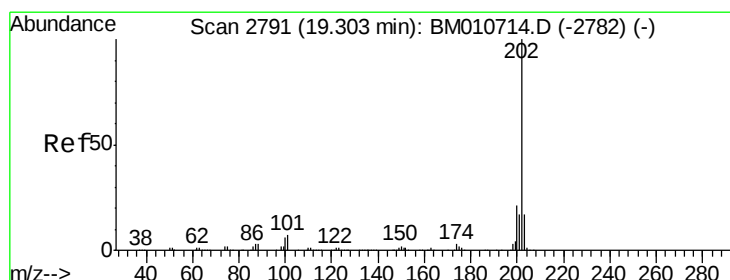
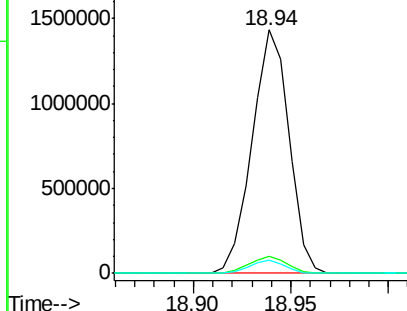
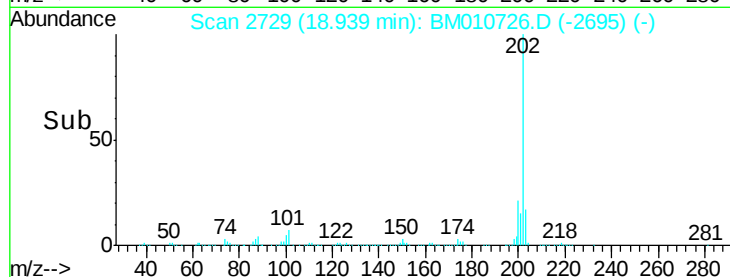
100 5.2 3.4 5.2#



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



#77

Pyrene

Concen: 27.08 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

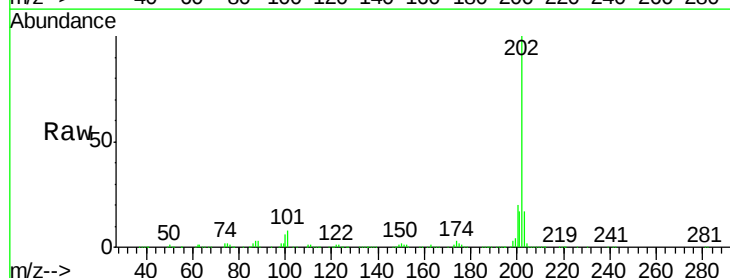
Tgt Ion:202 Resp: 1226441

Ion Ratio Lower Upper

202 100

101 7.7 5.1 7.7#

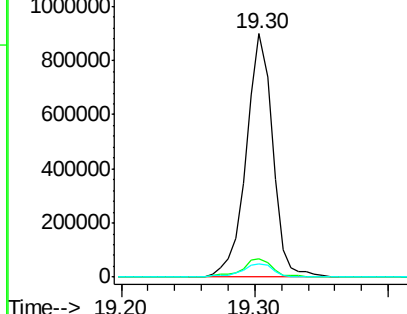
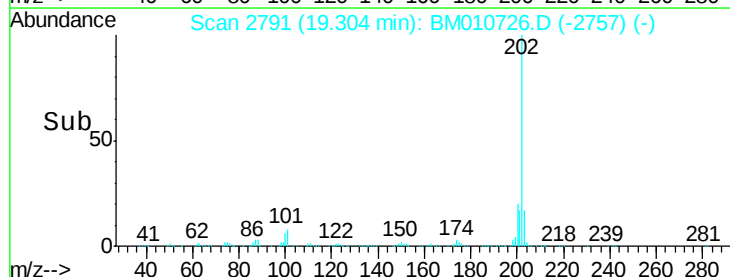
100 5.6 4.9 7.3

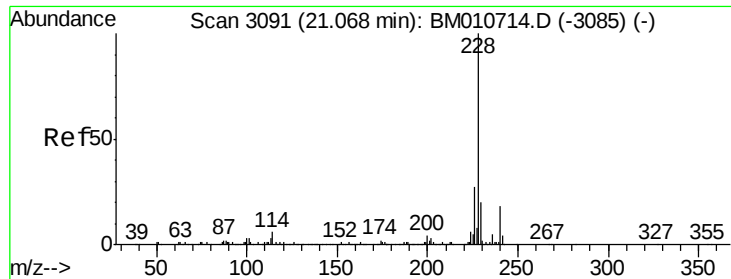


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

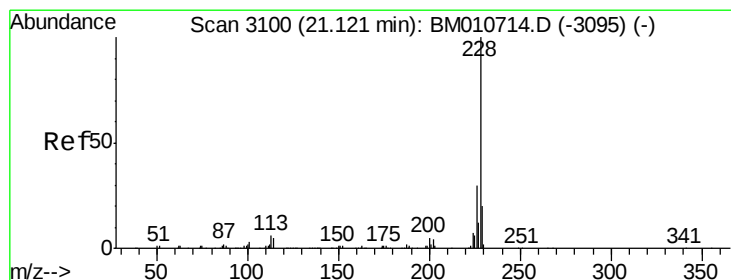
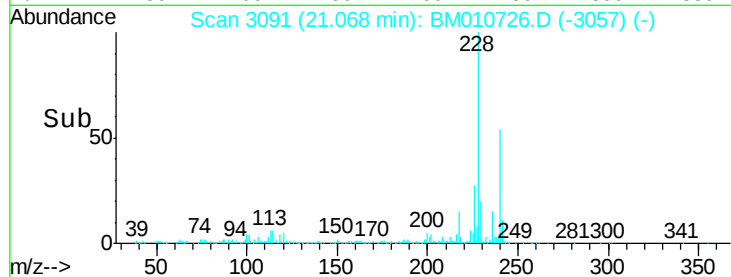
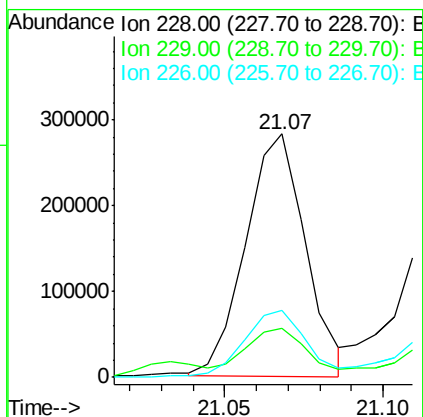
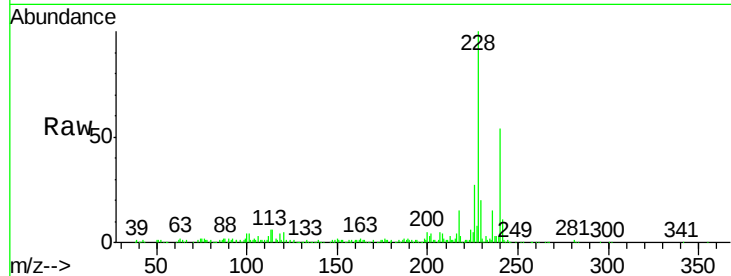




#80
Benzo(a)anthracene
Concen: 8.14 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010726.D
Acq: 24 Jun 2017 12:50

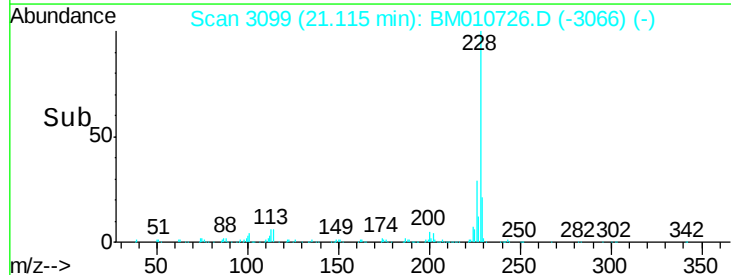
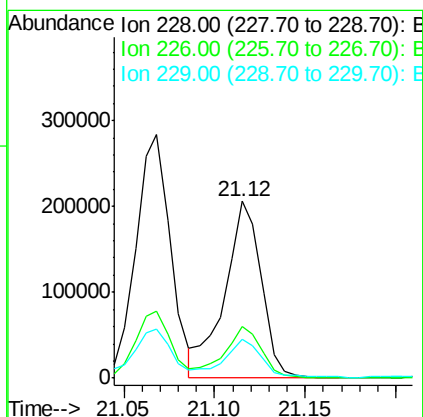
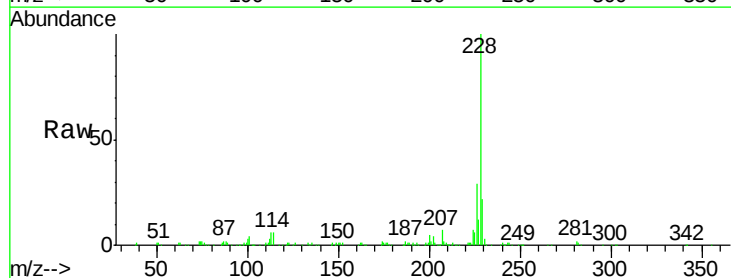
Instrument :
BNA_M
ClientSampleId :
F5B19ME

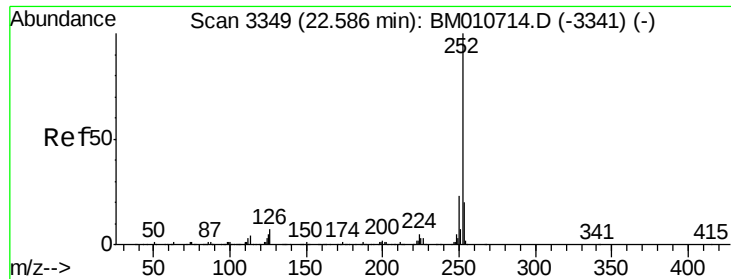
Tgt Ion:228 Resp: 371556
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.0
226 27.3 21.4 32.0



#82
Chrysene
Concen: 7.07 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010726.D
Acq: 24 Jun 2017 12:50

Tgt Ion:228 Resp: 287933
Ion Ratio Lower Upper
228 100
226 29.4 23.4 35.2
229 21.7 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 4.42 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

Instrument :

BNA_M

ClientSampled :

F5B19ME

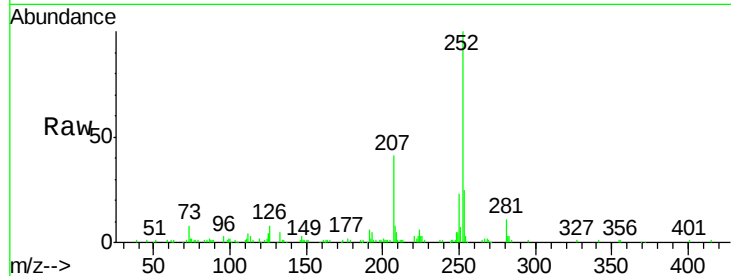
Tgt Ion:252 Resp: 169399

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

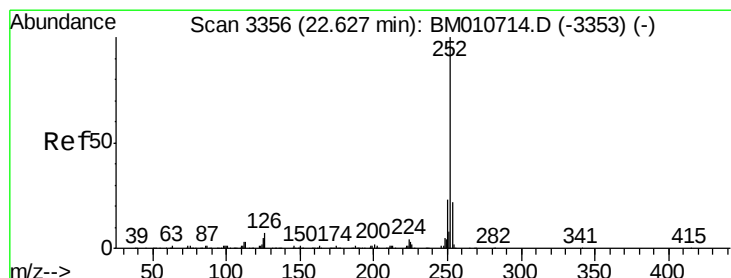
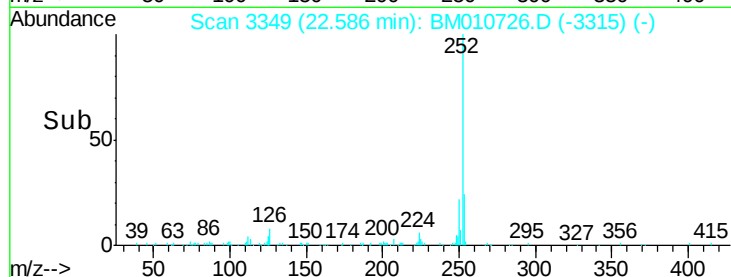
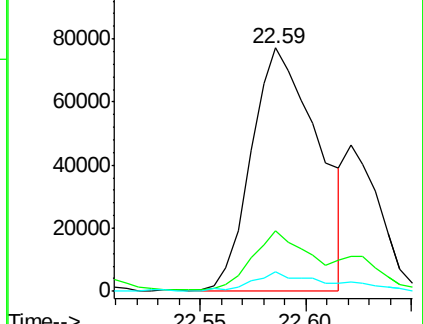
125 7.9 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 1.42 ng/ul

RT: 22.62 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM010726.D

Acq: 24 Jun 2017 12:50

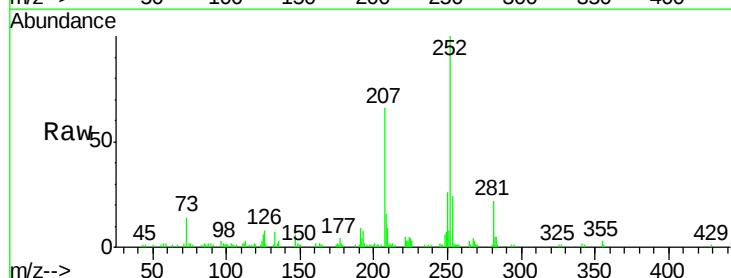
Tgt Ion:252 Resp: 51706

Ion Ratio Lower Upper

252 100

253 24.3 17.1 25.7

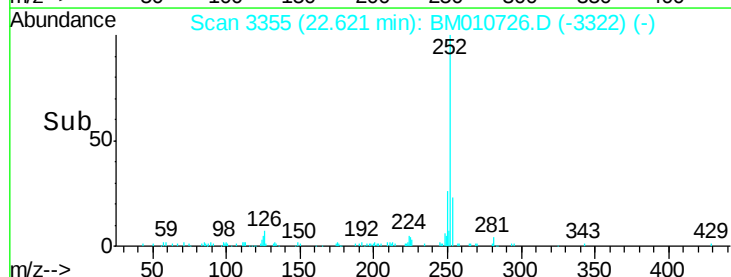
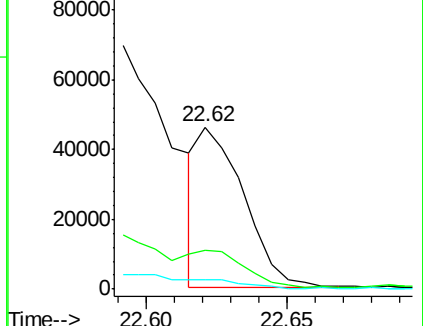
125 6.0 3.4 5.2#

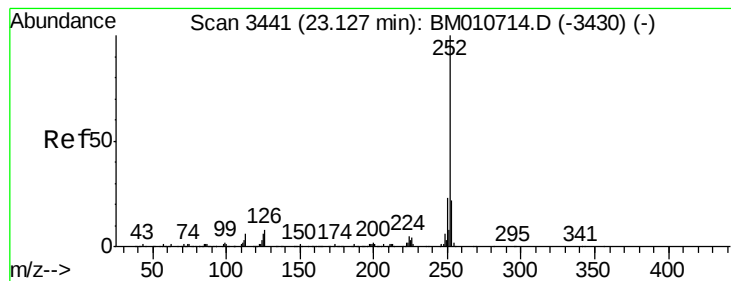


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.57 ng/ul

RT: 23.13 min Scan# 3441

Delta R.T. 0.00 min

Lab File: BM010726.D

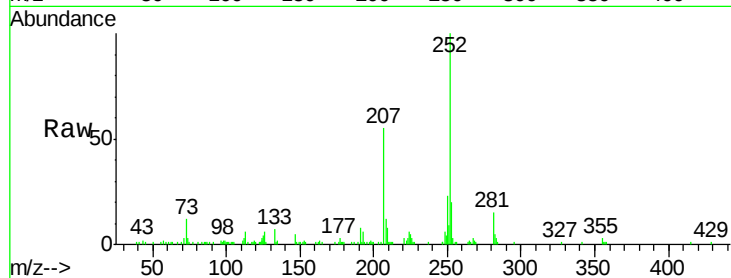
Acq: 24 Jun 2017 12:50

Instrument :

BNA_M

ClientSampleId :

F5B19ME



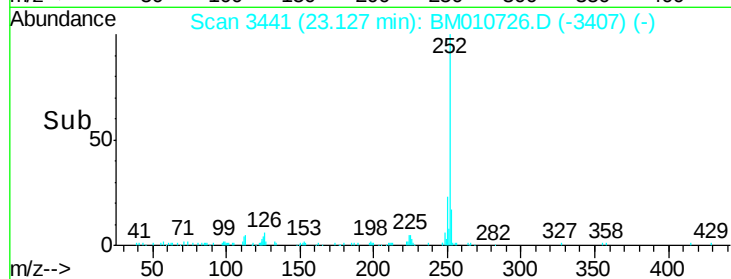
Tgt Ion:252 Resp: 90824

Ion Ratio Lower Upper

252 100

253 20.4 18.2 27.2

125 4.3 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

