

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010730.D
 Acq On : 24 Jun 2017 15:15
 Operator : SJ/JU
 Sample : I3625-16 25X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C83

Quant Time: Jun 26 04:55:16 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 04:54:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	59885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	270035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	191198	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	471438	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	522710	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	396996	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	4291	0.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	2545	0.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	3799	0.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	3798	0.80	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1661	0.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	2159	0.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	4271	0.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	5254	1.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	16897	1.01	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	19358	0.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1825	0.62	ng/ul	0.00
57) Fluorene-d10	15.11	176	17008	1.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1867	0.64	ng/ul	0.00
70) Anthracene-d10	16.96	188	26015	1.14	ng/ul	0.00
76) Pyrene-d10	19.27	212	30871	1.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	20454	1.07	ng/ul	0.00

Target Compounds

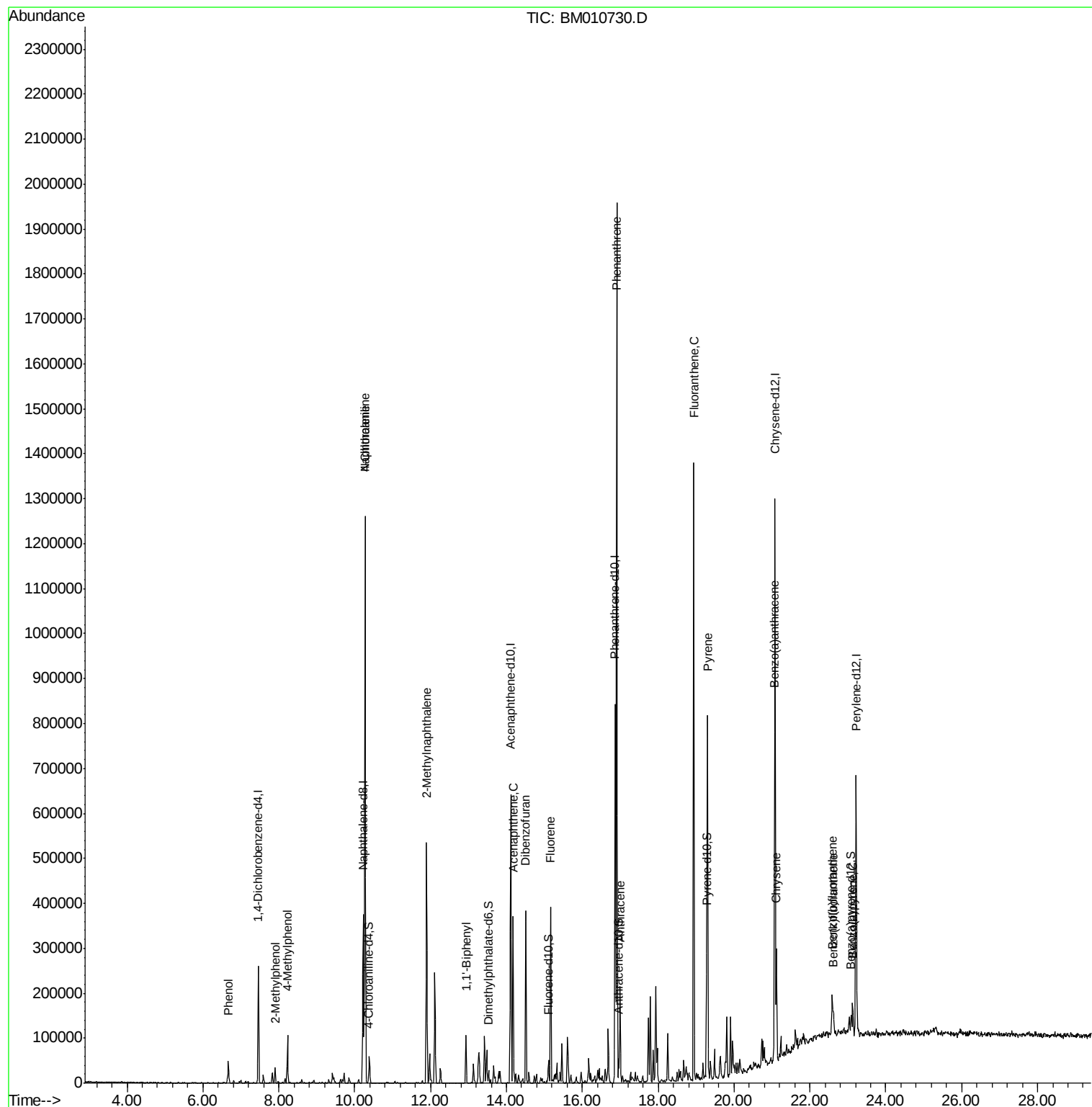
						Qvalue
6) Phenol	6.67	94	23198	3.95	ng/ul	98
11) 2-Methylphenol	7.90	108	10152	2.27	ng/ul	83
16) 4-Methylphenol	8.23	108	36668	7.44	ng/ul	99
28) Naphthalene	10.27	128	909374	67.67	ng/ul	99
30) 4-Chloroaniline	10.27	127	119217	24.08	ng/ul#	23
34) 2-Methylnaphthalene	11.89	142	211923	19.62	ng/ul	93
40) 1,1'-Biphenyl	12.93	154	49978	3.34	ng/ul	98
49) Acenaphthene	14.17	153	138317	11.03	ng/ul	99
53) Dibenzofuran	14.51	168	198945	10.47	ng/ul	92
58) Fluorene	15.17	166	156501	9.84	ng/ul	98
69) Phenanthrene	16.91	178	1040693	41.52	ng/ul	99
71) Anthracene	17.00	178	120687	4.67	ng/ul	95
74) Fluoranthene	18.94	202	767031	23.75	ng/ul	98
77) Pyrene	19.30	202	504989	16.73	ng/ul	98
80) Benzo(a)anthracene	21.06	228	172987	5.68	ng/ul	98
82) Chrysene	21.12	228	133784	4.93	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	72434	2.81	ng/ul#	94
86) Benzo(k)fluoranthene	22.63	252	28282	1.16	ng/ul#	91
88) Benzo(a)pyrene	23.12	252	43517	1.83	ng/ul#	95

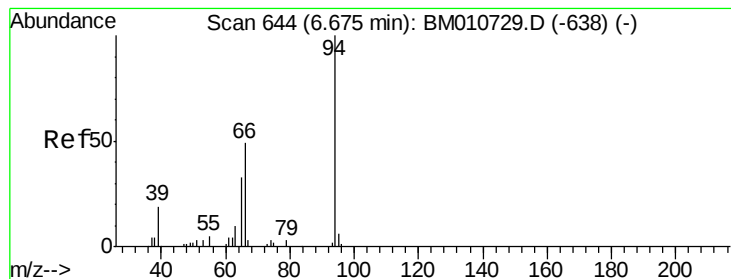
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010730.D
Acq On : 24 Jun 2017 15:15
Operator : SJ/JU
Sample : I3625-16 25X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C83

Quant Time: Jun 26 04:55:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.95 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

Instrument :

BNA_M

ClientSampleId :

F5C83

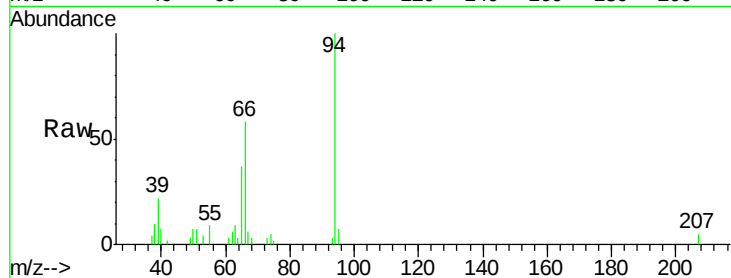
Tgt Ion: 94 Resp: 23198

Ion Ratio Lower Upper

94 100

65 36.8 28.2 42.4

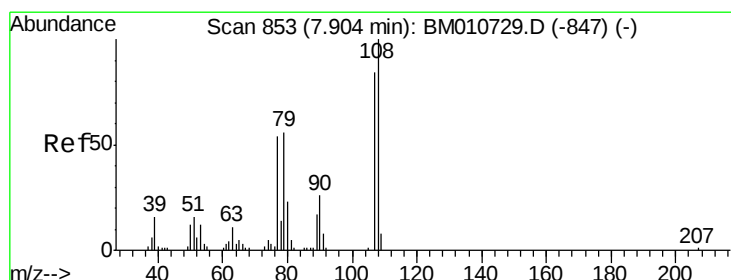
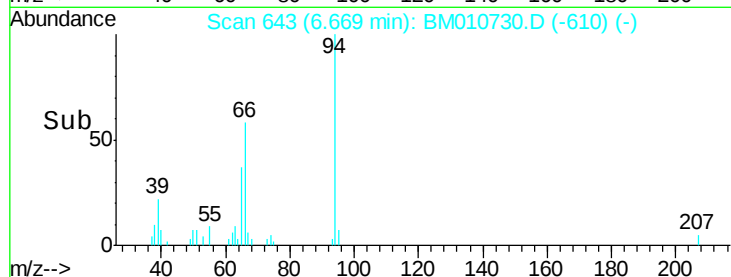
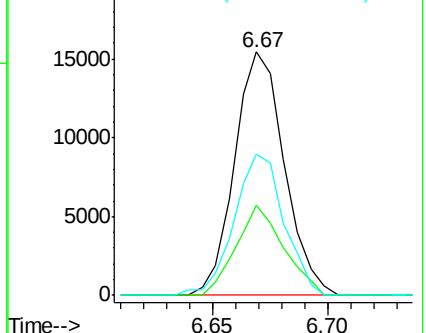
66 58.1 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010729.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM010729.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM010729.D (-638) (-)



#11

2-Methylphenol

Concen: 2.27 ng/ul

RT: 7.90 min Scan# 853

Delta R.T. 0.00 min

Lab File: BM010730.D

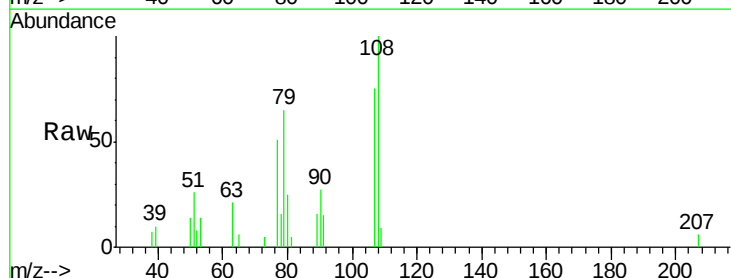
Acq: 24 Jun 2017 15:15

Tgt Ion: 108 Resp: 10152

Ion Ratio Lower Upper

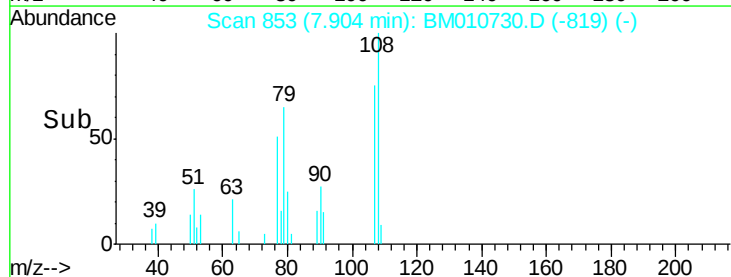
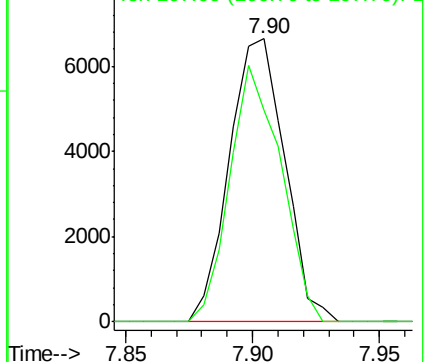
108 100

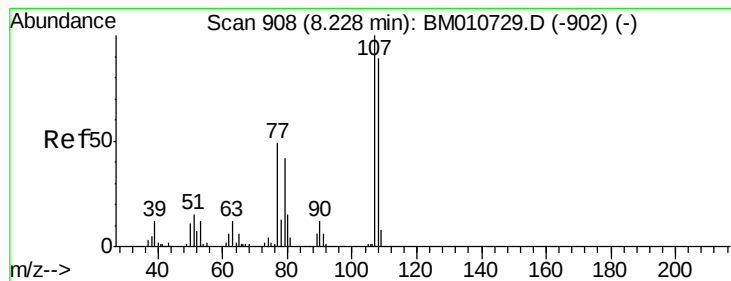
107 74.7 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): BM010729.D (-847) (-)

Ion 107.00 (106.70 to 107.70): BM010729.D (-847) (-)





#16

4-Methylphenol

Concen: 7.44 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

Instrument :

BNA_M

ClientSampled :

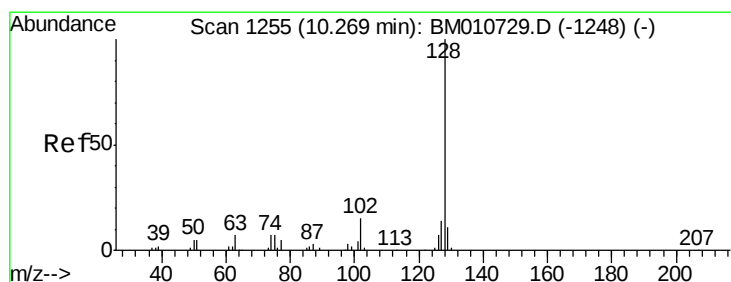
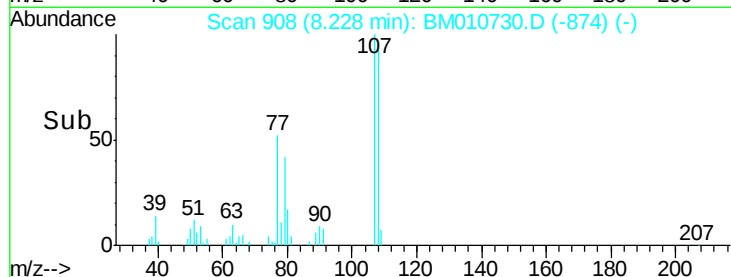
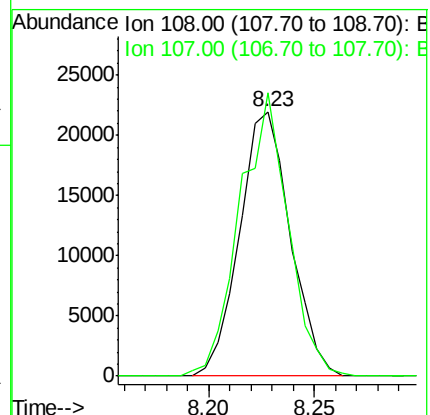
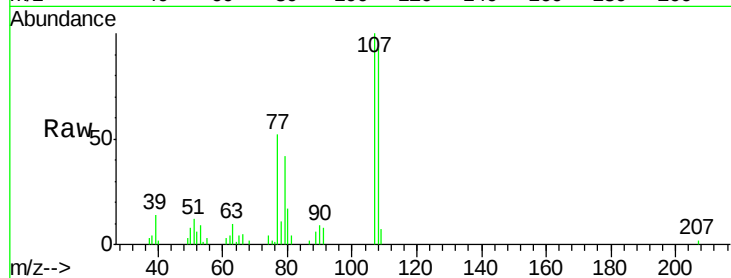
F5C83

Tgt Ion:108 Resp: 36668

Ion Ratio Lower Upper

108 100

107 107.1 84.9 127.3



#28

Naphthalene

Concen: 67.67 ng/ul

RT: 10.27 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

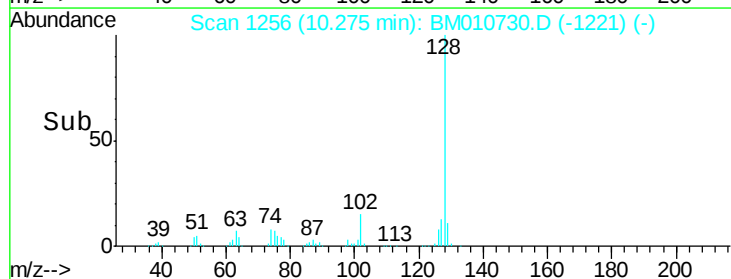
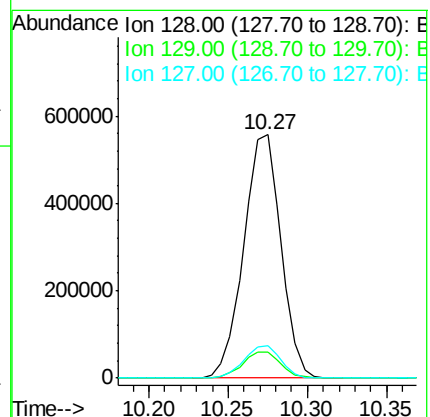
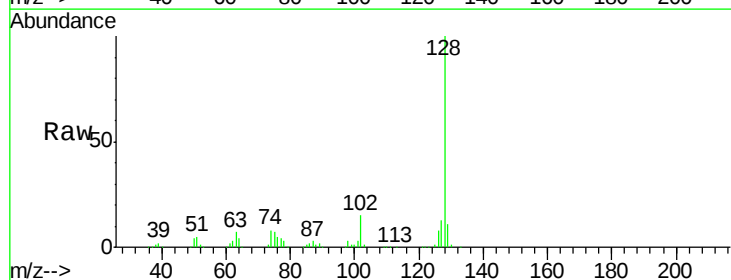
Tgt Ion:128 Resp: 909374

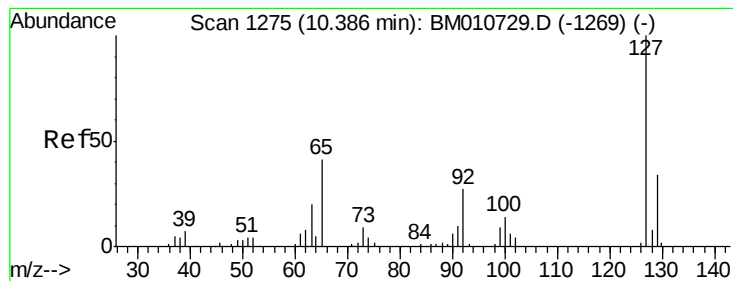
Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 13.2 10.6 16.0





#30

4-Chloroaniline

Concen: 24.08 ng/ul

RT: 10.27 min Scan# 1256

Delta R.T. -0.11 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

Instrument :

BNA_M

ClientSampleId :

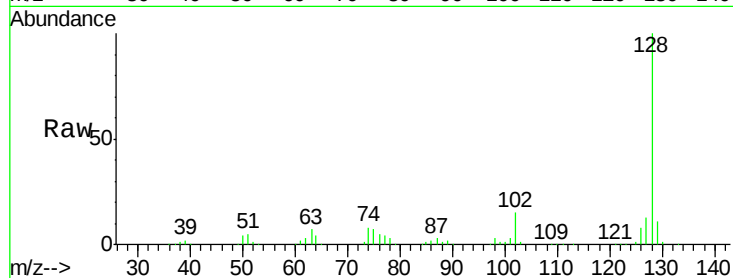
F5C83

Tgt Ion:127 Resp: 119217

Ion Ratio Lower Upper

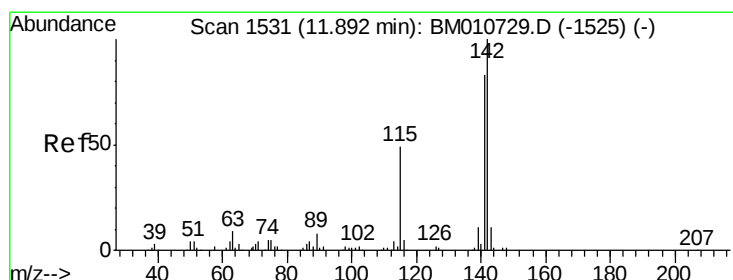
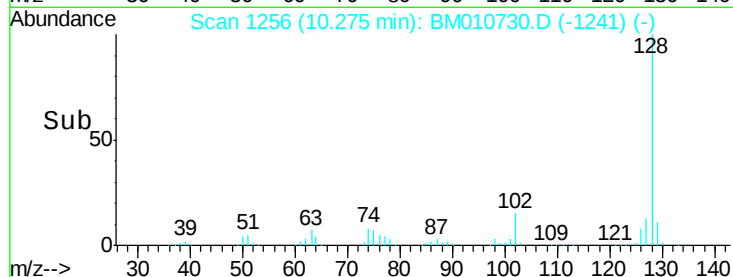
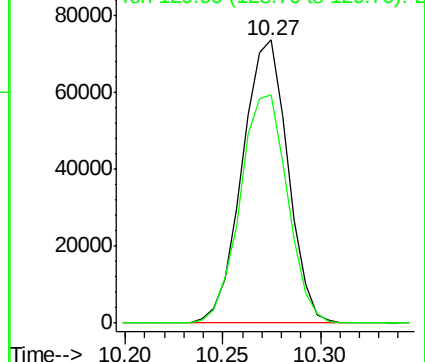
127 100

129 80.6 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: 19.62 ng/ul

RT: 11.89 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM010730.D

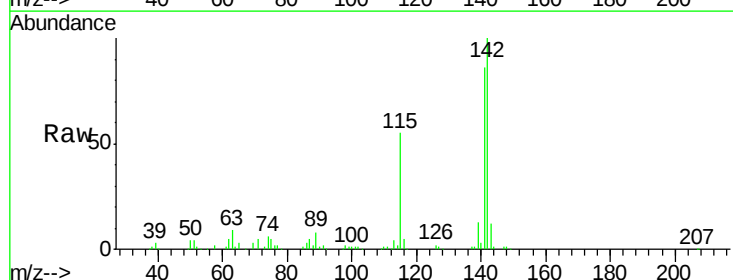
Acq: 24 Jun 2017 15:15

Tgt Ion:142 Resp: 211923

Ion Ratio Lower Upper

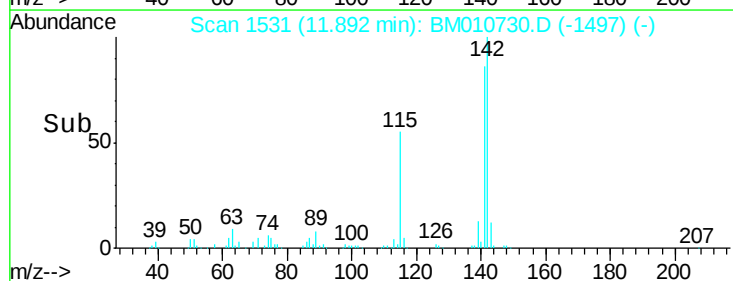
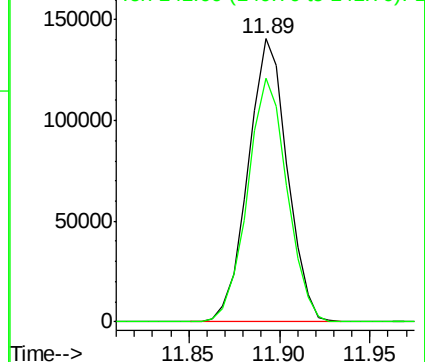
142 100

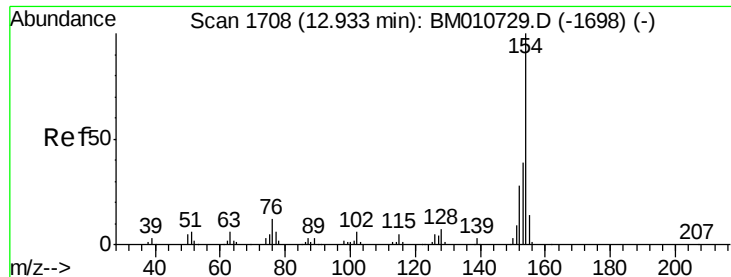
141 86.2 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

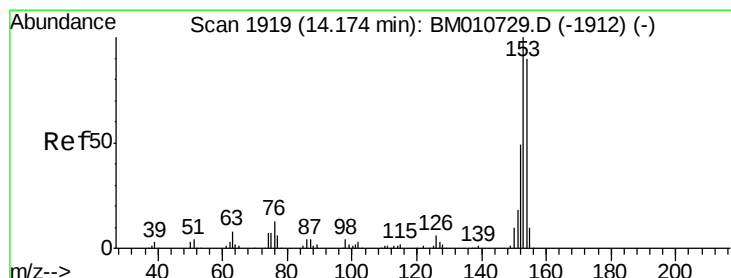
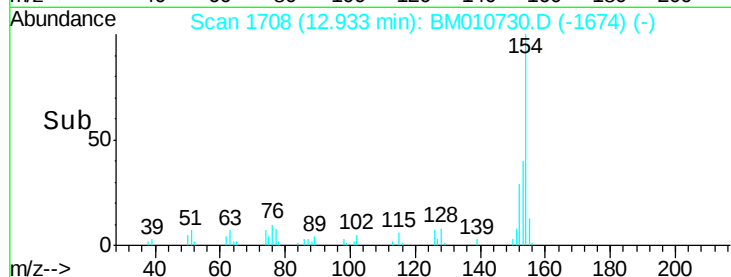
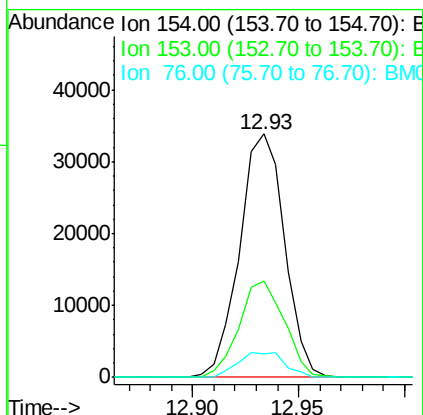
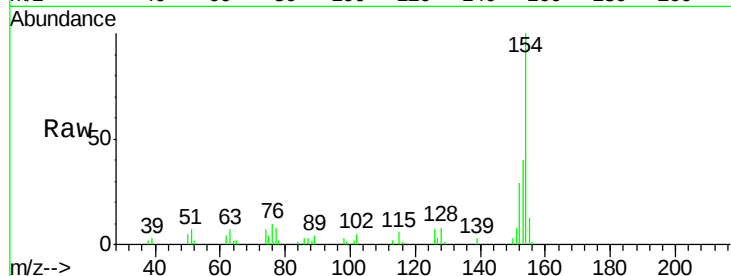




#40
 1,1'-Biphenyl
 Concen: 3.34 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BM010730.D
 Acq: 24 Jun 2017 15:15

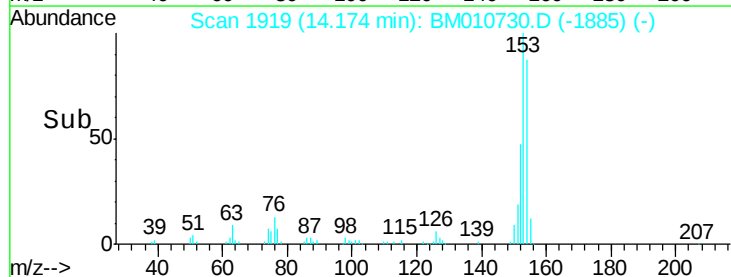
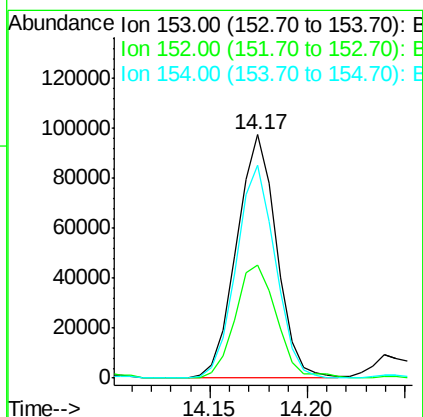
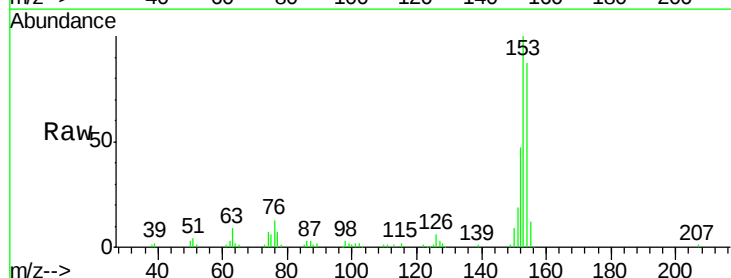
Instrument :
 BNA_M
 ClientSampleId :
 F5C83

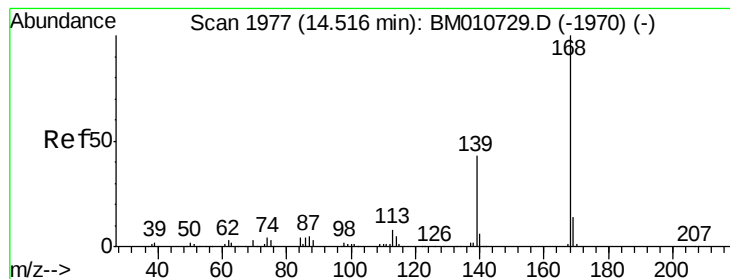
Tgt Ion:154 Resp: 49978
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.6 48.8
 76 9.7 8.5 12.7



#49
 Acenaphthene
 Concen: 11.03 ng/ul
 RT: 14.17 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BM010730.D
 Acq: 24 Jun 2017 15:15

Tgt Ion:153 Resp: 138317
 Ion Ratio Lower Upper
 153 100
 152 46.6 37.6 56.4
 154 87.2 70.4 105.6





#53

Dibenzenofuran

Concen: 10.47 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

Instrument :

BNA_M

ClientSampleId :

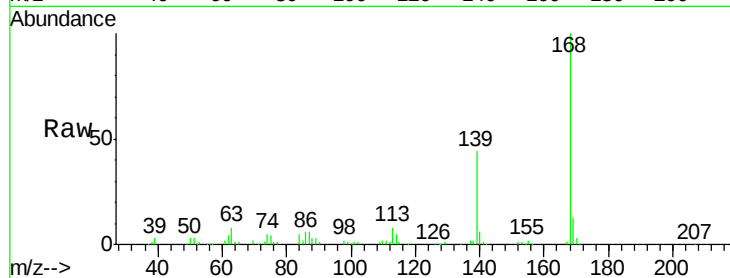
F5C83

Tgt Ion:168 Resp: 198945

Ion Ratio Lower Upper

168 100

139 43.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.51

150000

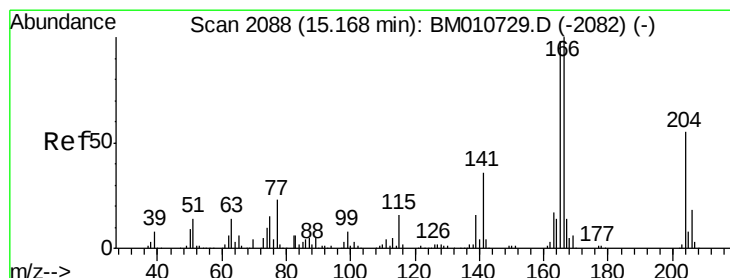
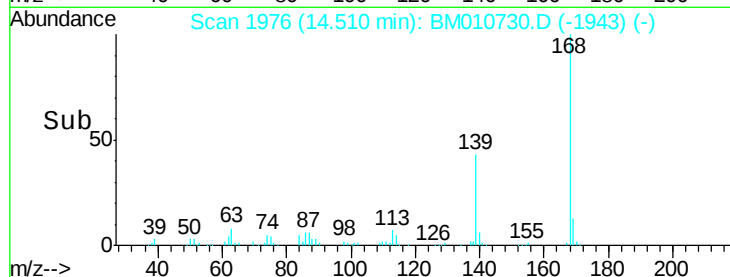
100000

50000

0

Time-->

14.45 14.50 14.55



#58

Fluorene

Concen: 9.84 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

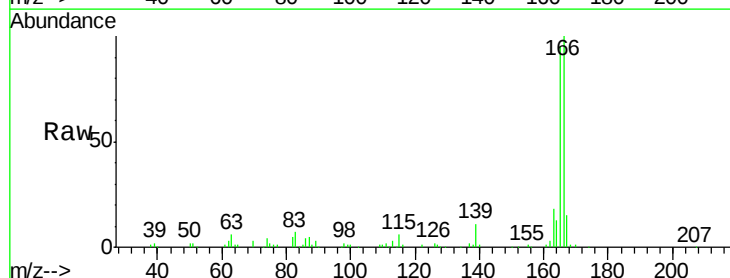
Tgt Ion:166 Resp: 156501

Ion Ratio Lower Upper

166 100

165 95.3 77.9 116.9

167 14.6 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

15.17

150000

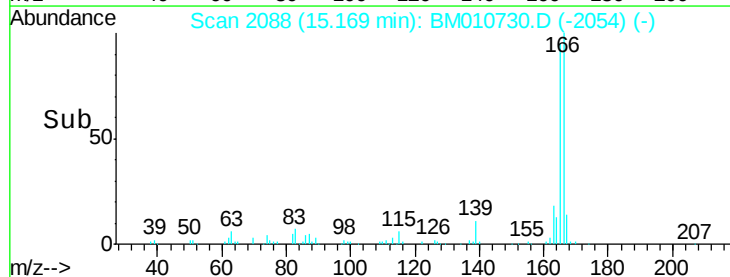
100000

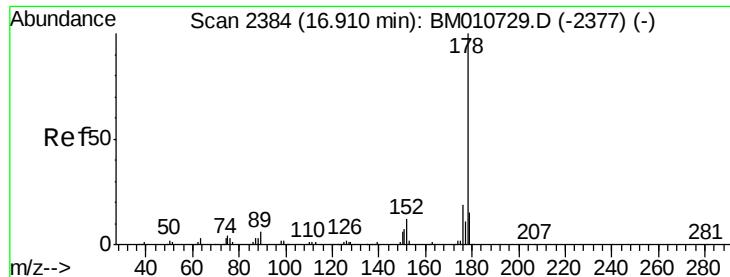
50000

0

Time-->

15.10 15.15 15.20





#69

Phenanthrene

Concen: 41.52 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

Instrument :

BNA_M

ClientSampleId :

F5C83

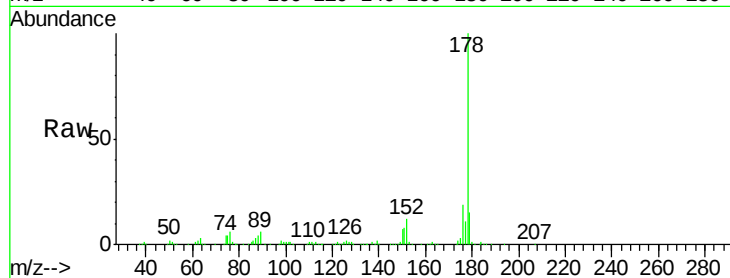
Tgt Ion:178 Resp: 1040693

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

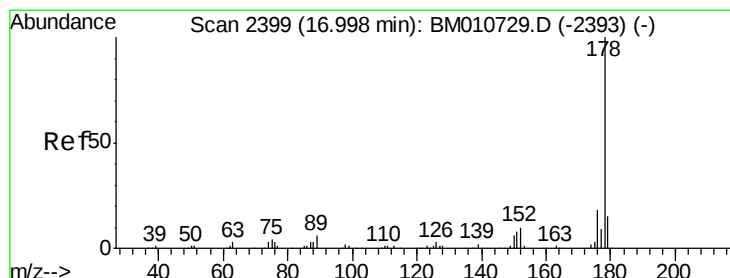
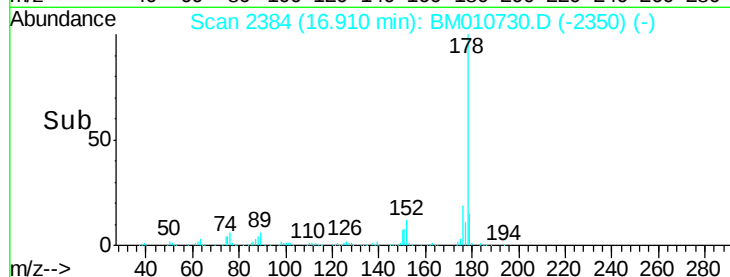
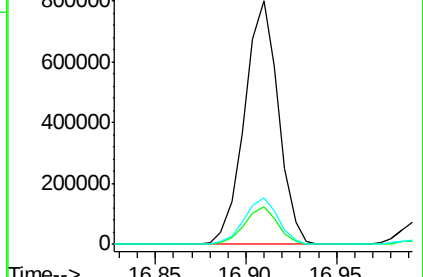
176 19.0 14.9 22.3



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: 4.67 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

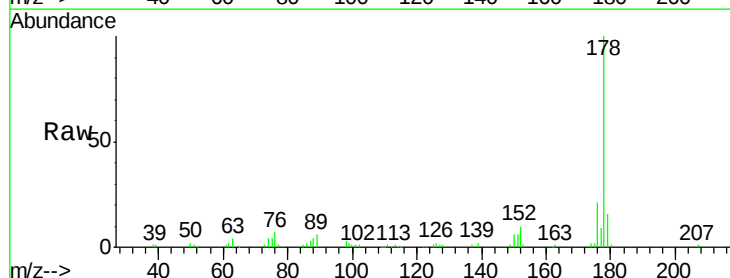
Tgt Ion:178 Resp: 120687

Ion Ratio Lower Upper

178 100

179 16.1 11.7 17.5

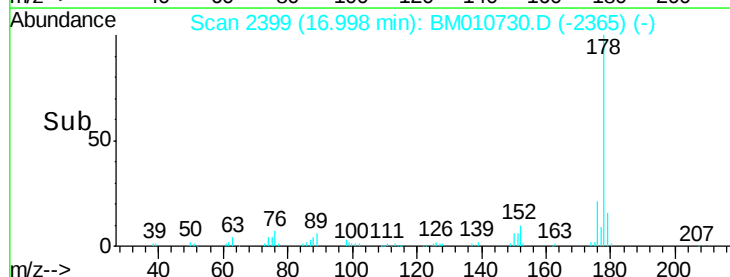
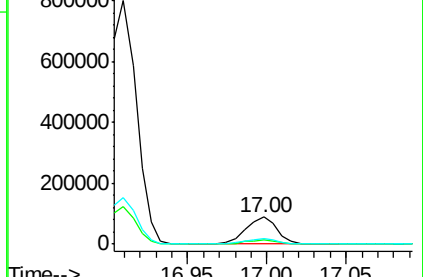
176 20.7 14.6 21.8

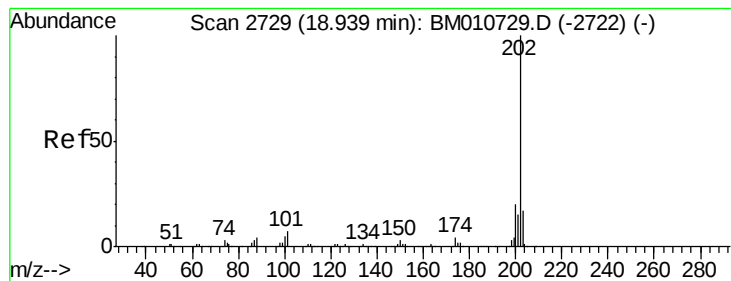


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 23.75 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

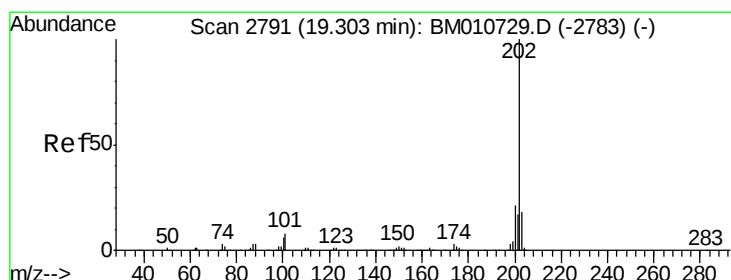
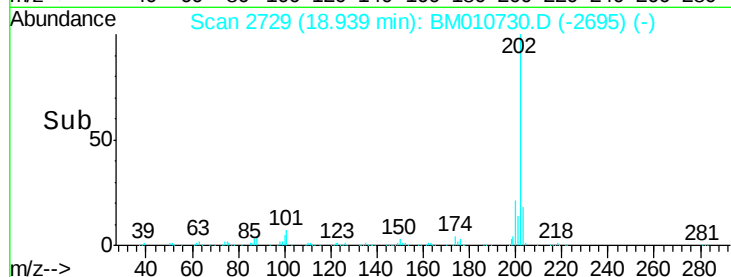
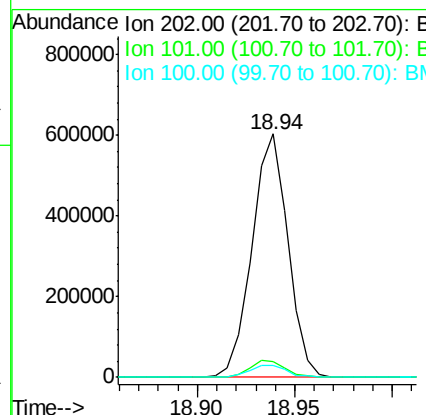
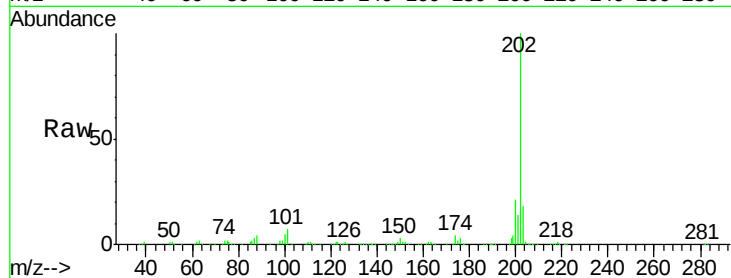
Instrument :

BNA_M

ClientSampleId :

F5C83

Tgt Ion:	202	Resp:	767031
Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.6	7.0
100	5.0	3.4	5.2



#77

Pyrene

Concen: 16.73 ng/ul

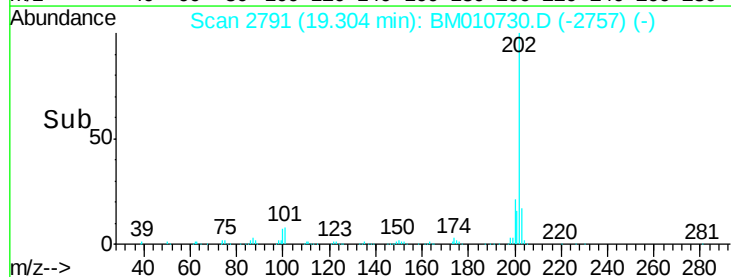
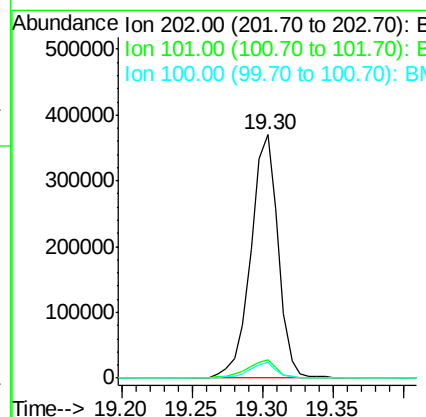
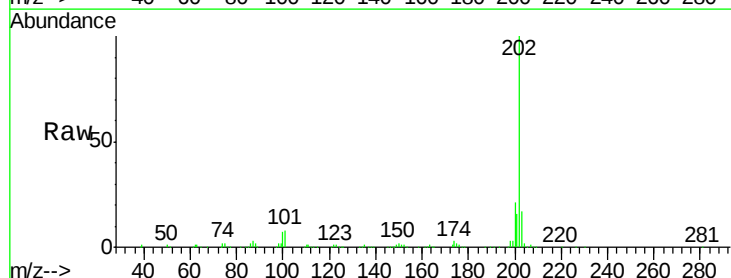
RT: 19.30 min Scan# 2791

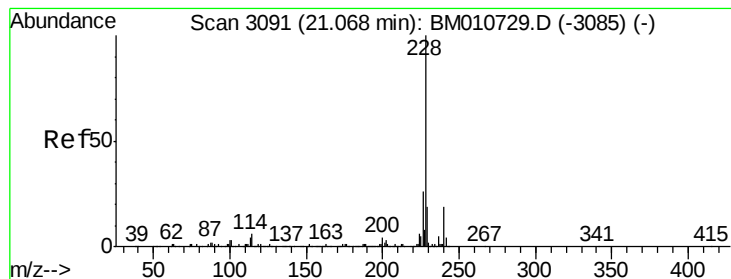
Delta R.T. 0.00 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

Tgt Ion:	202	Resp:	504989
Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.1	7.7
100	6.6	4.9	7.3





#80

Benzo(a)anthracene

Concen: 5.68 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

Instrument :

BNA_M

ClientSampleId :

F5C83

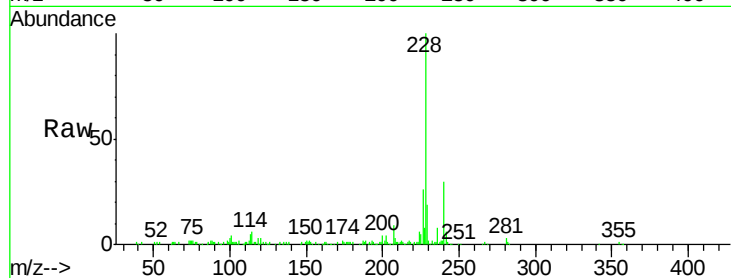
Tgt Ion:228 Resp: 172987

Ion Ratio Lower Upper

228 100

229 18.7 15.4 23.0

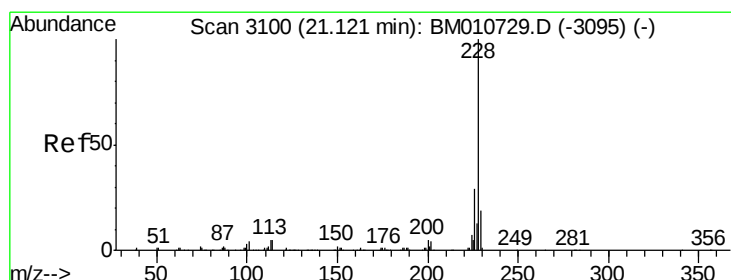
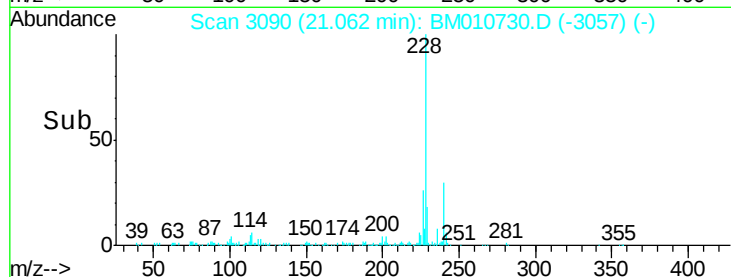
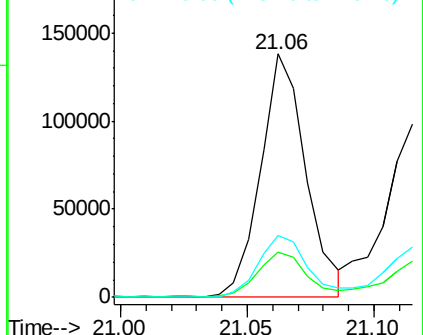
226 25.6 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 4.93 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

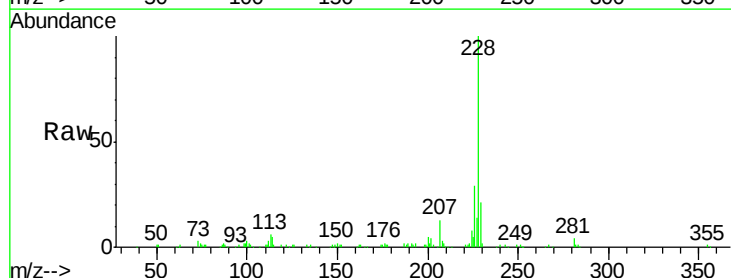
Tgt Ion:228 Resp: 133784

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

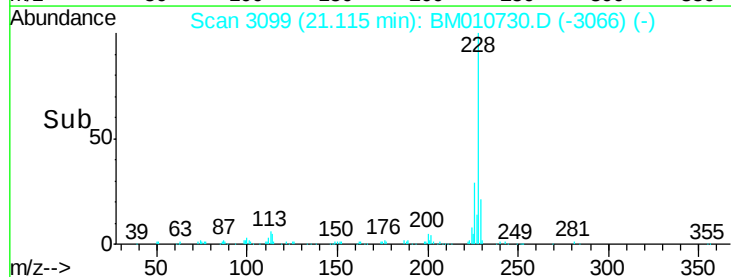
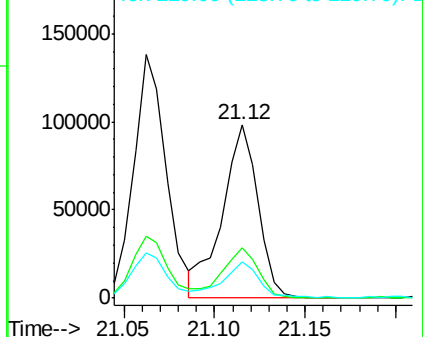
229 20.5 15.5 23.3

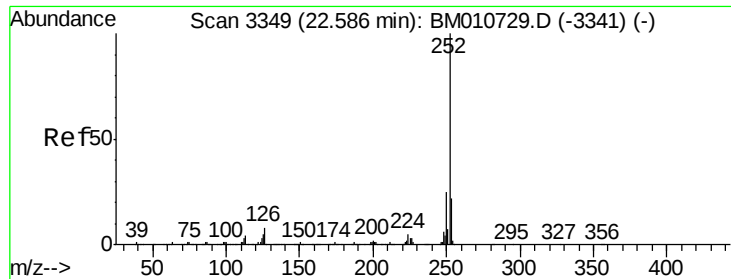


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

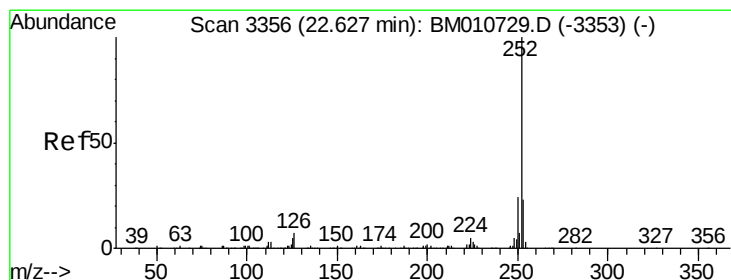
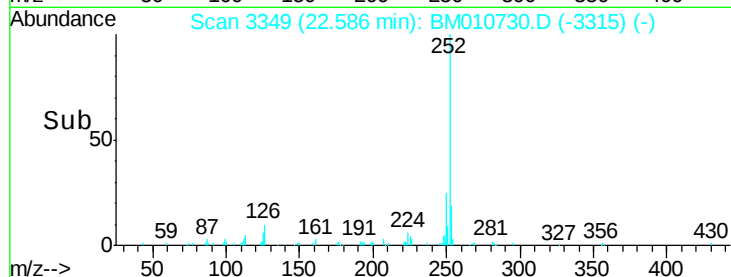
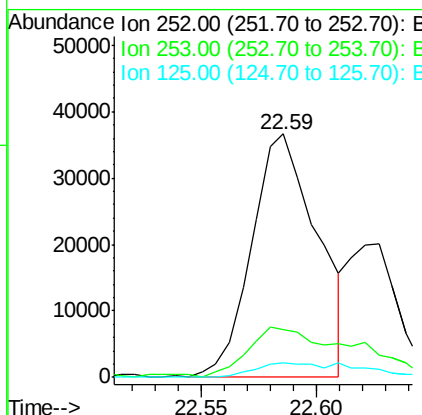
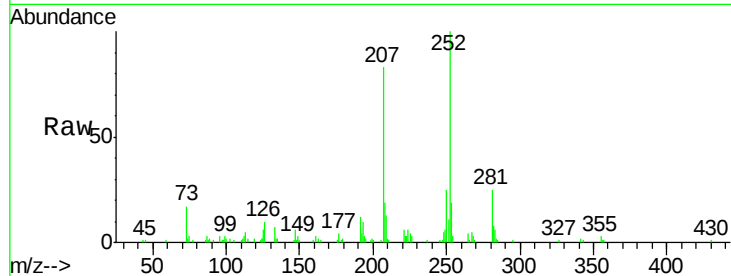




#85
Benzo(b)fluoranthene
Concen: 2.81 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

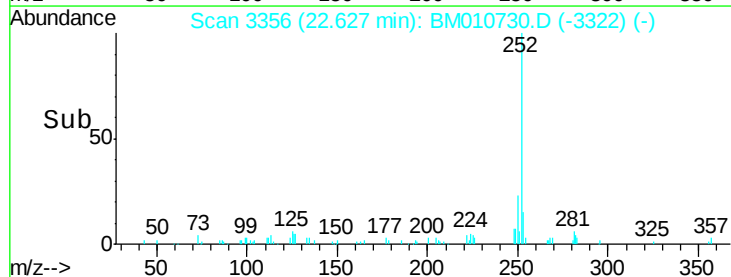
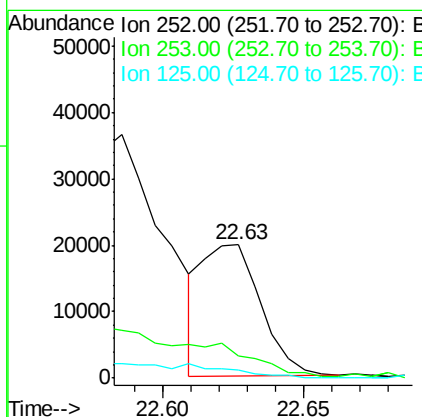
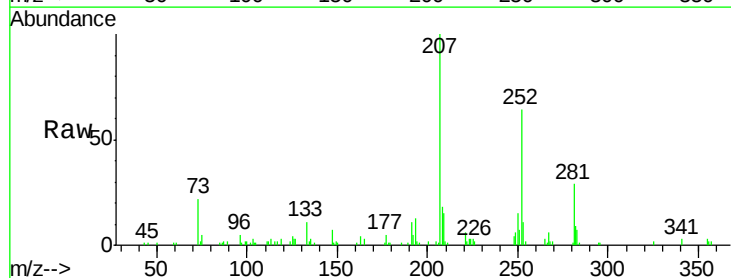
Instrument :
BNA_M
ClientSampleId :
F5C83

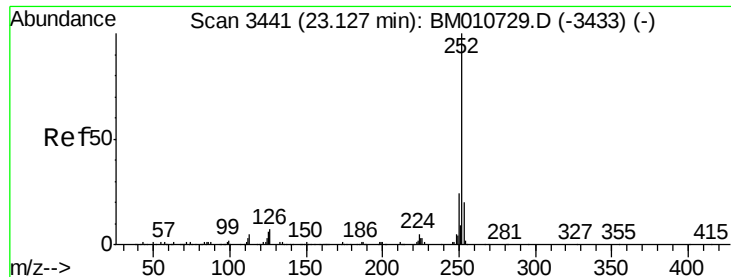
Tgt Ion:252 Resp: 72434
Ion Ratio Lower Upper
252 100
253 19.4 17.9 26.9
125 5.9 3.6 5.4#



#86
Benzo(k)fluoranthene
Concen: 1.16 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:252 Resp: 28282
Ion Ratio Lower Upper
252 100
253 16.9 17.1 25.7#
125 5.7 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.83 ng/ul

RT: 23.12 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM010730.D

Acq: 24 Jun 2017 15:15

Instrument :

BNA_M

ClientSampleId :

F5C83

Tgt Ion: 252 Resp: 43517

Ion Ratio Lower Upper

252 100

253 24.8 18.2 27.2

125 8.6 4.0 6.0#

