

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010743.D
 Acq On : 24 Jun 2017 23:04
 Operator : SJ/JU
 Sample : I3653-02MEDL 25X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B19MEDL

Quant Time: Jun 26 04:57:54 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	52348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	228314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	161194	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	413441	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	463918	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	367874	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	3652	0.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	1973	0.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	2698	0.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	2944	0.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.60	128	804	0.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	1255	0.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	3494	0.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	4261	1.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	14106	1.00	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	14523	0.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1300	0.52	ng/ul	0.00
57) Fluorene-d10	15.11	176	13104	1.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1374	0.54	ng/ul	0.00
70) Anthracene-d10	16.86	188	413441	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	23647	1.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	16673	0.94	ng/ul	0.00

Target Compounds

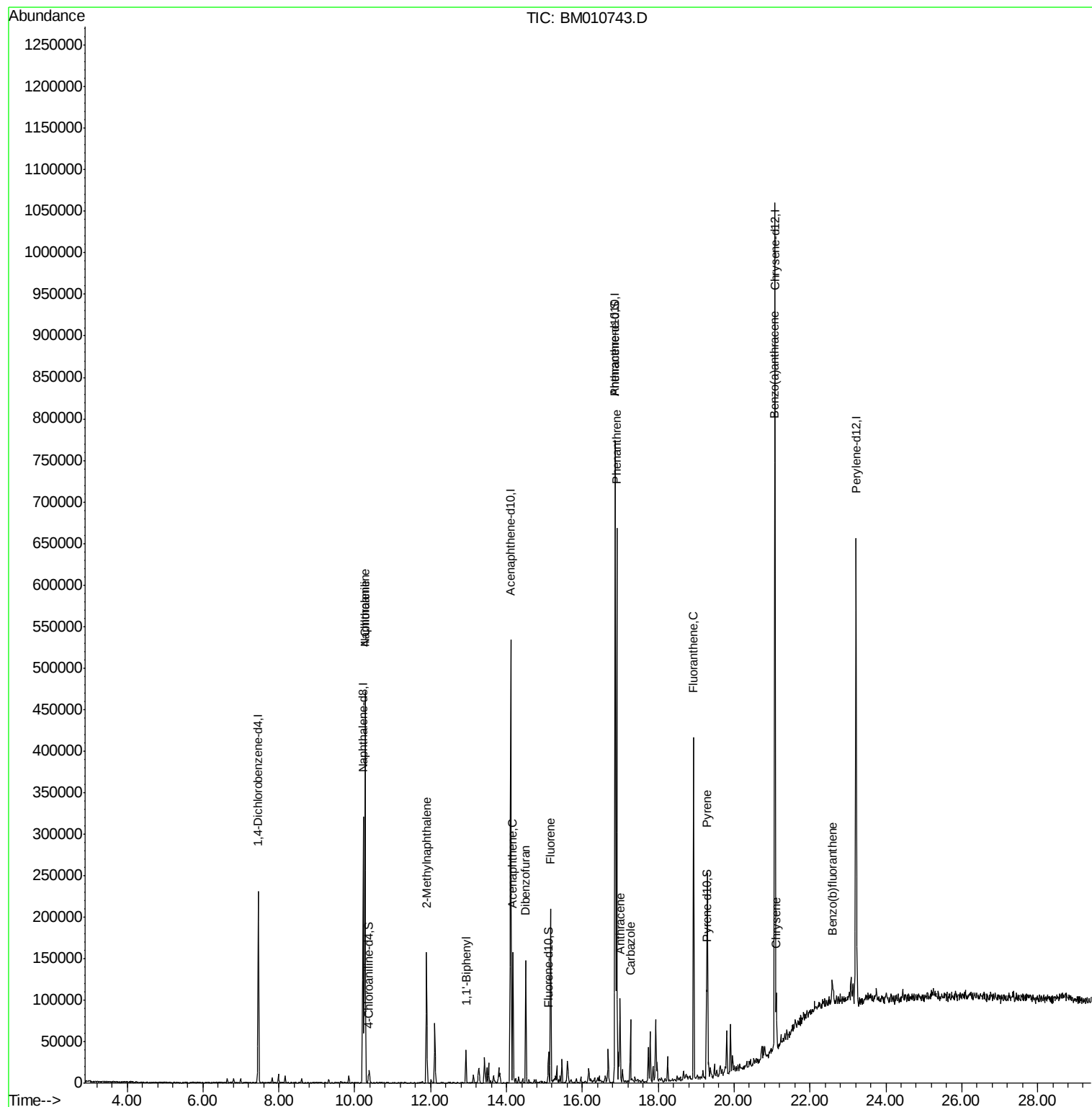
						Qvalue
28) Naphthalene	10.27	128	331102	29.14	ng/ul	98
30) 4-Chloroaniline	10.27	127	44945	10.74	ng/ul#	32
34) 2-Methylnaphthalene	11.89	142	61730	6.76	ng/ul	99
40) 1,1'-Biphenyl	12.93	154	19039	1.51	ng/ul	92
49) Acenaphthene	14.17	153	62521	5.91	ng/ul	93
53) Dibenzofuran	14.51	168	75742	4.73	ng/ul	90
58) Fluorene	15.16	166	80677	6.02	ng/ul	95
69) Phenanthrene	16.90	178	355697	16.18	ng/ul	99
71) Anthracene	17.00	178	61164	2.70	ng/ul	95
72) Carbazole	17.27	167	41780	2.11	ng/ul#	96
74) Fluoranthene	18.93	202	231712	8.18	ng/ul#	97
77) Pyrene	19.30	202	153987	5.75	ng/ul#	97
80) Benzo(a)anthracene	21.06	228	47225	1.75	ng/ul#	96
82) Chrysene	21.11	228	35790	1.49	ng/ul#	92
85) Benzo(b)fluoranthene	22.58	252	24201	1.01	ng/ul#	89

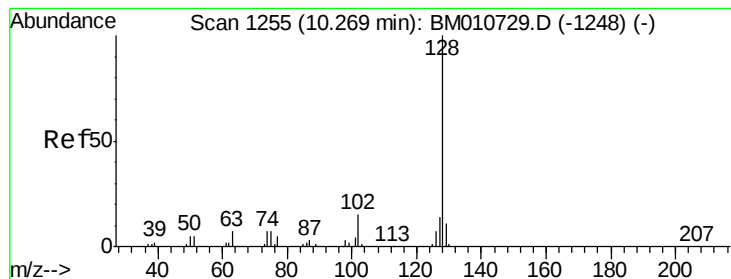
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 29.14 ng/ul

RT: 10.27 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5B19MEDL

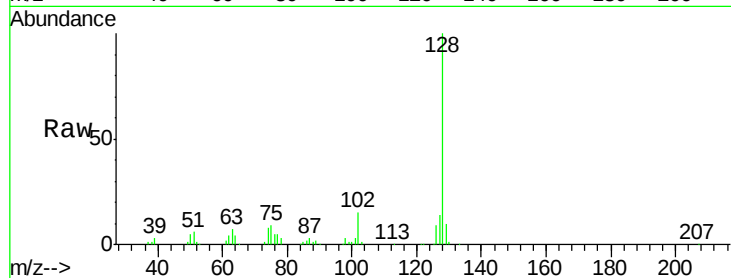
Tgt Ion:128 Resp: 331102

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

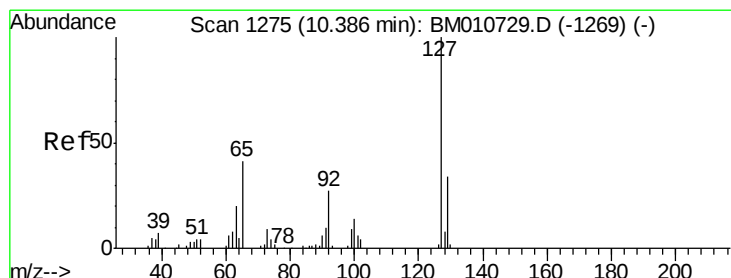
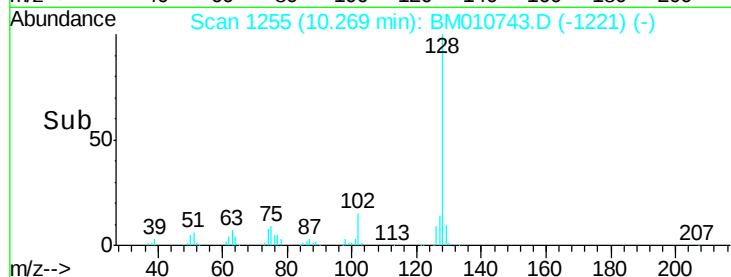
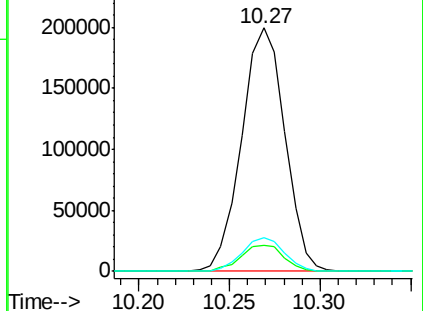
127 14.0 10.6 16.0



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: 10.74 ng/ul

RT: 10.27 min Scan# 1255

Delta R.T. -0.12 min

Lab File: BM010743.D

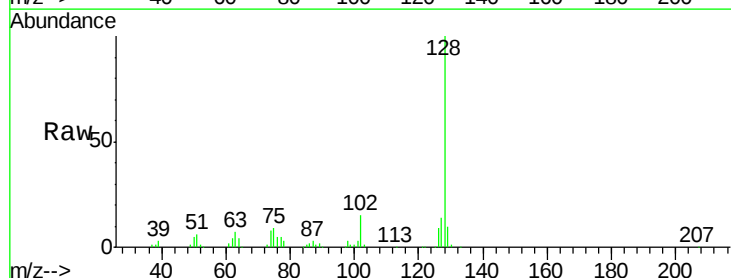
Acq: 24 Jun 2017 23:04

Tgt Ion:127 Resp: 44945

Ion Ratio Lower Upper

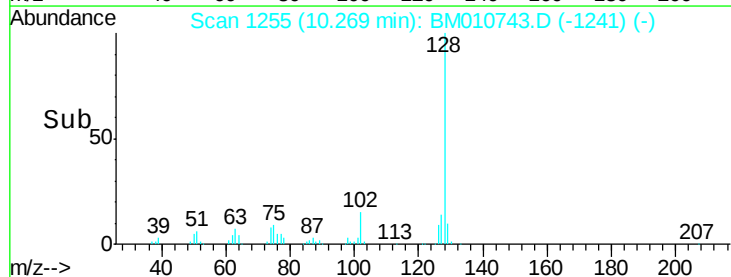
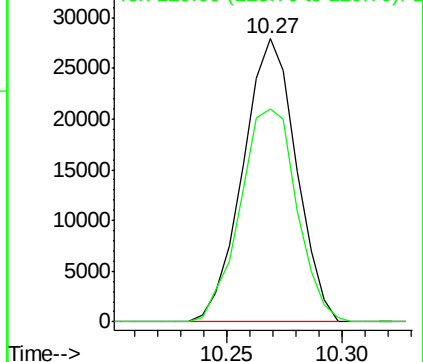
127 100

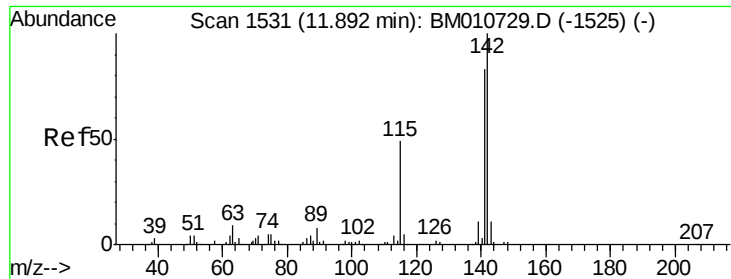
129 75.1 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

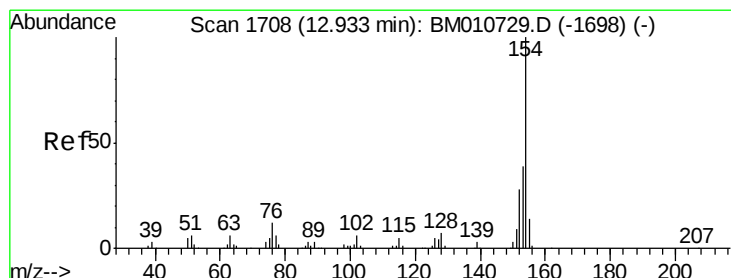
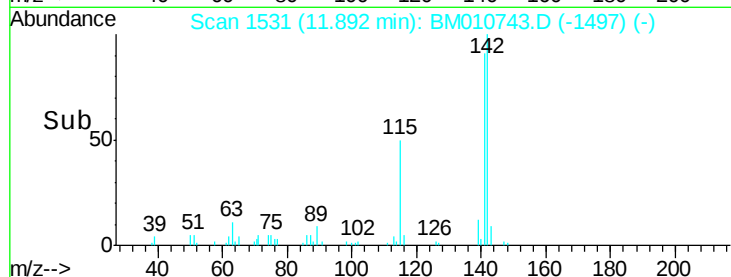
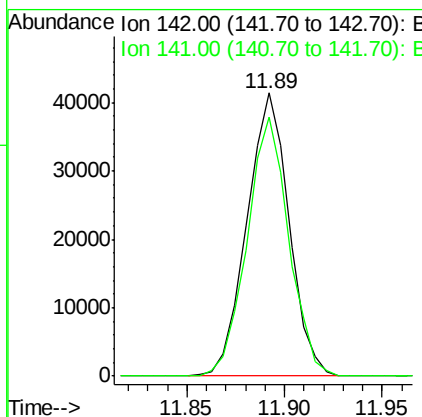
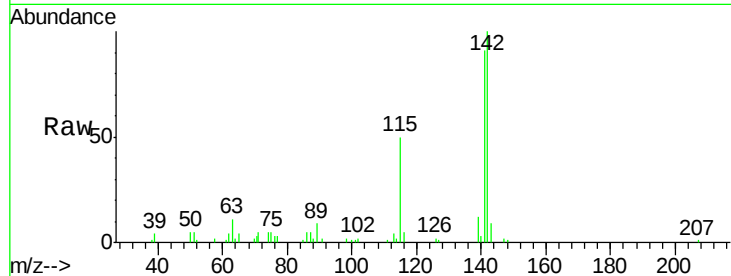




#34
 2-Methylnaphthalene
 Concen: 6.76 ng/ul
 RT: 11.89 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BM010743.D
 Acq: 24 Jun 2017 23:04

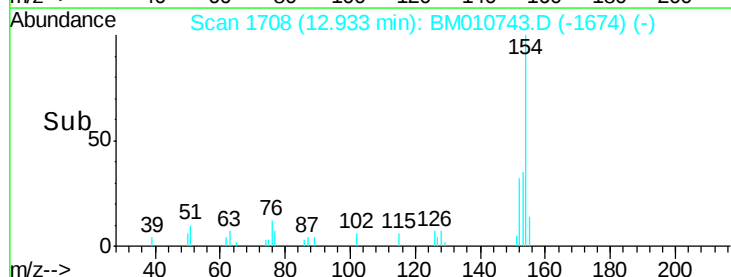
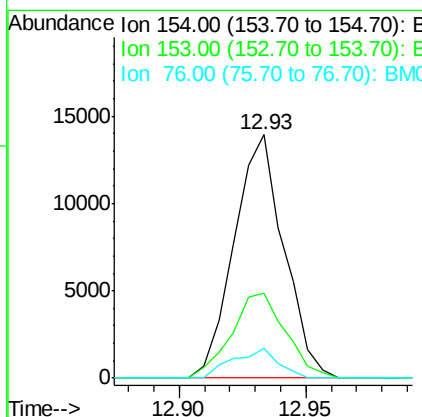
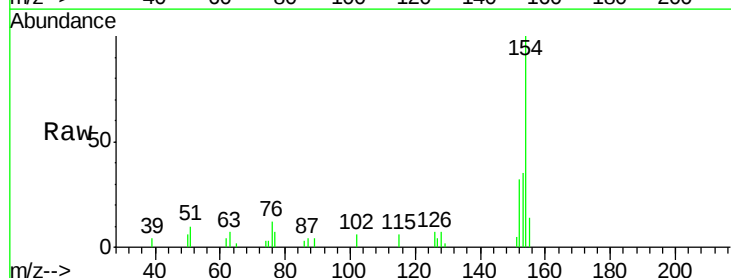
Instrument :
 BNA_M
 ClientSampleId :
 F5B19MEDL

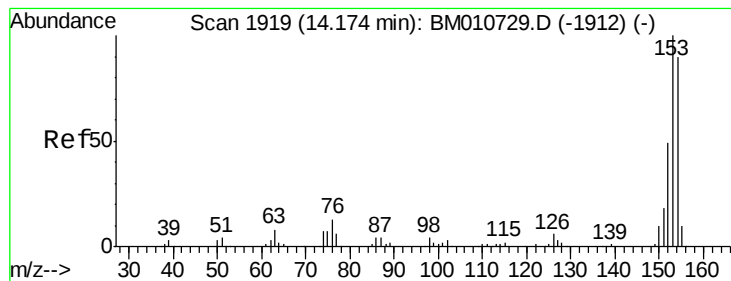
Tgt Ion:142 Resp: 61730
 Ion Ratio Lower Upper
 142 100
 141 91.5 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 1.51 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BM010743.D
 Acq: 24 Jun 2017 23:04

Tgt Ion:154 Resp: 19039
 Ion Ratio Lower Upper
 154 100
 153 34.6 32.6 48.8
 76 12.0 8.5 12.7





#49

Acenaphthene

Concen: 5.91 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5B19MEDL

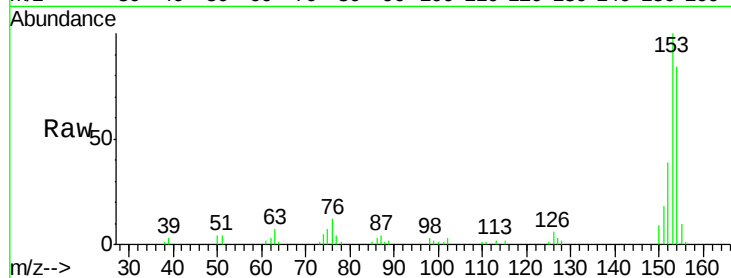
Tgt Ion:153 Resp: 62521

Ion Ratio Lower Upper

153 100

152 38.7 37.6 56.4

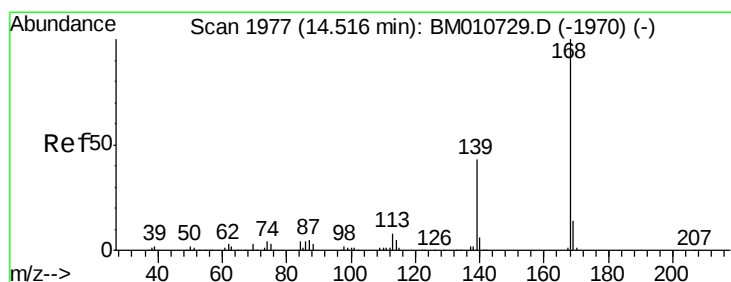
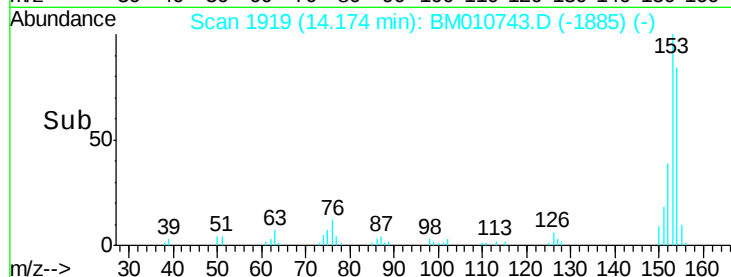
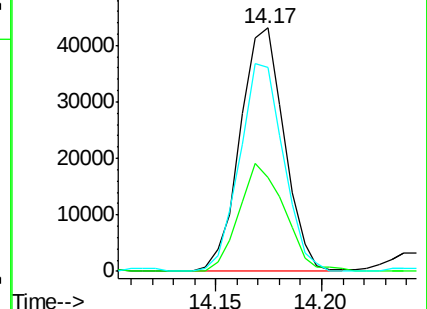
154 83.8 70.4 105.6



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: 4.73 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM010743.D

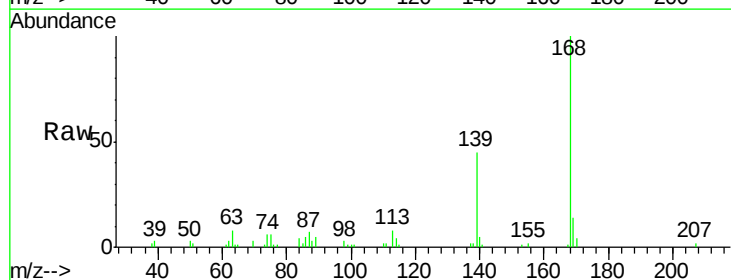
Acq: 24 Jun 2017 23:04

Tgt Ion:168 Resp: 75742

Ion Ratio Lower Upper

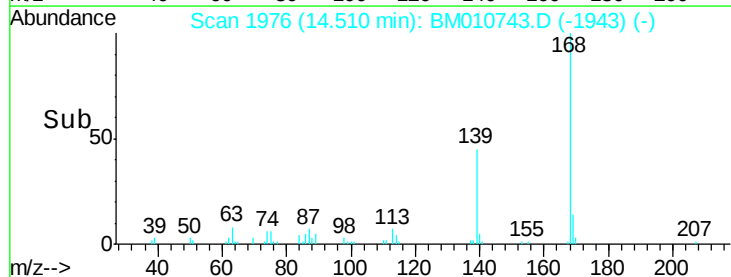
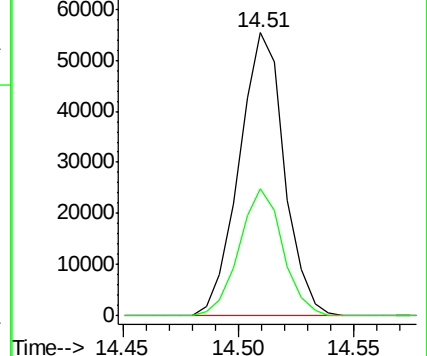
168 100

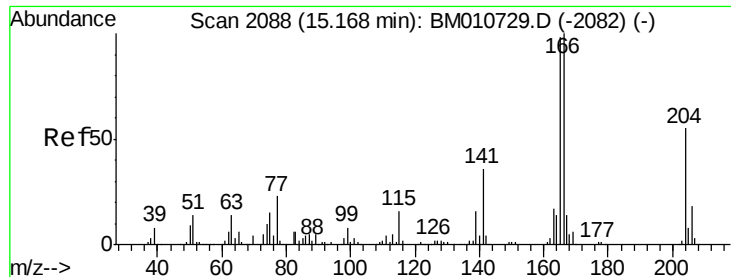
139 44.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 6.02 ng/ul

RT: 15.16 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5B19MEDL

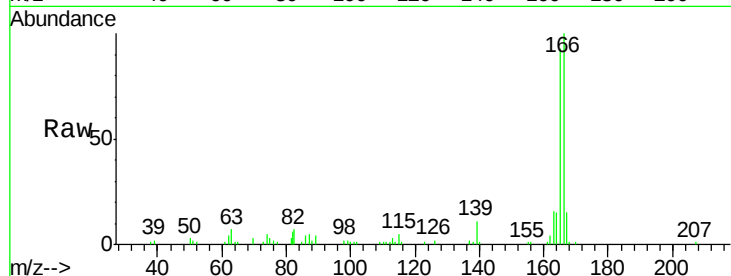
Tgt Ion:166 Resp: 80677

Ion Ratio Lower Upper

166 100

165 92.7 77.9 116.9

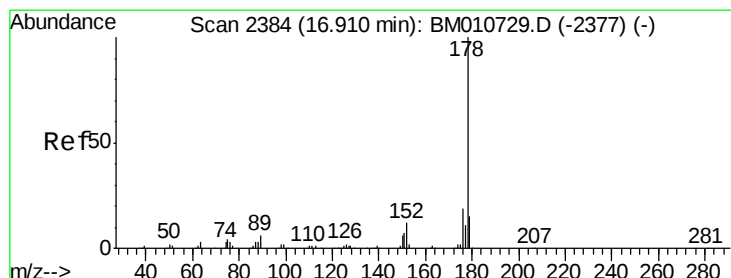
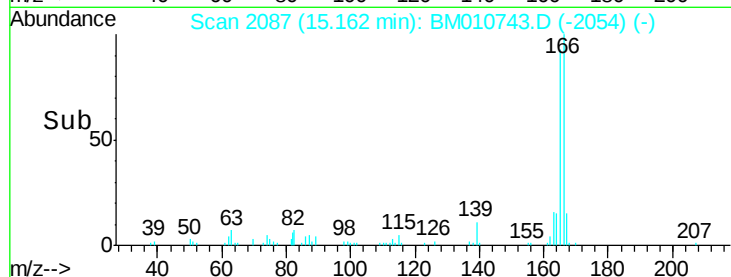
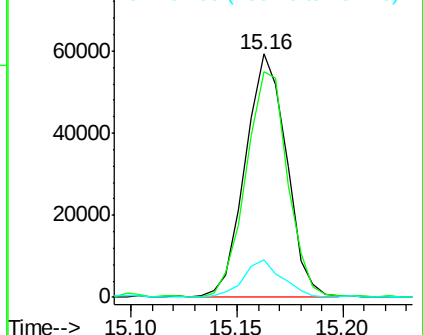
167 15.4 10.6 16.0



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: 16.18 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

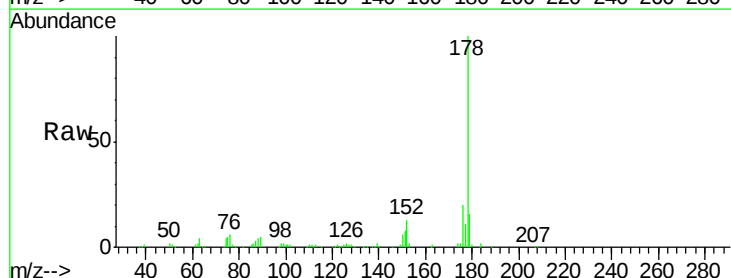
Tgt Ion:178 Resp: 355697

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

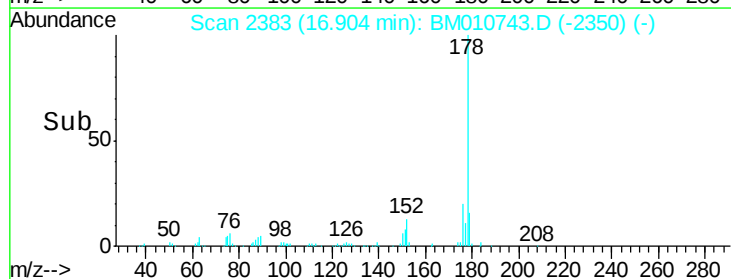
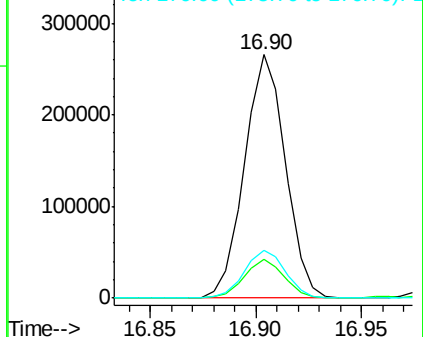
176 19.5 14.9 22.3

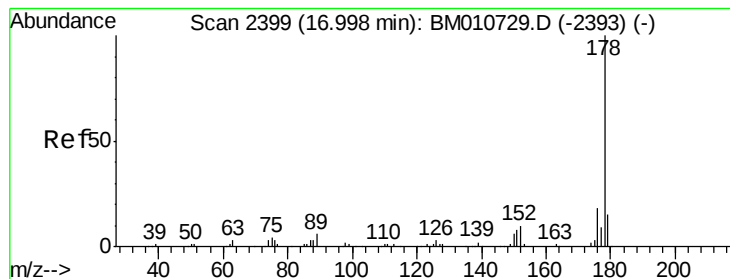


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

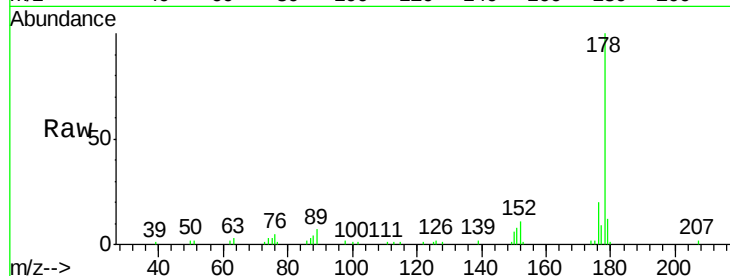




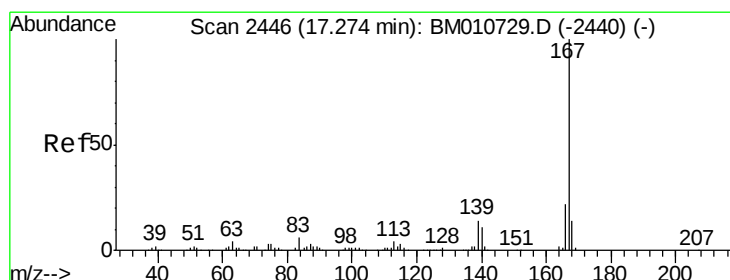
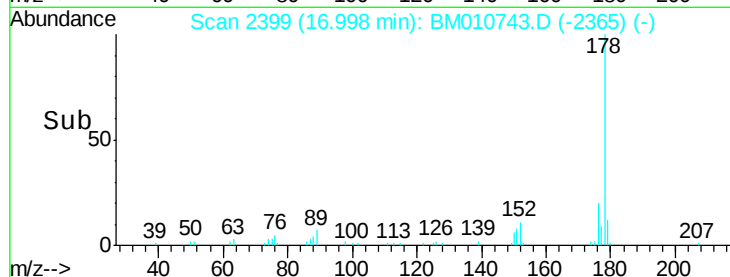
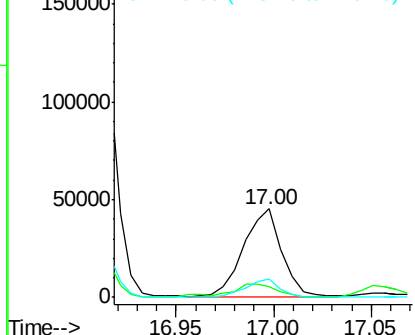
#71
 Anthracene
 Concen: 2.70 ng/ul
 RT: 17.00 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: BM010743.D
 Acq: 24 Jun 2017 23:04

Instrument :
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 F5B19MEDL

Tgt Ion:178 Resp: 61164
 Ion Ratio Lower Upper
 178 100
 179 12.3 11.7 17.5
 176 20.1 14.6 21.8

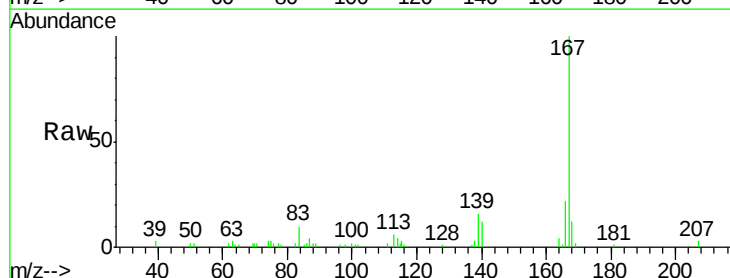


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

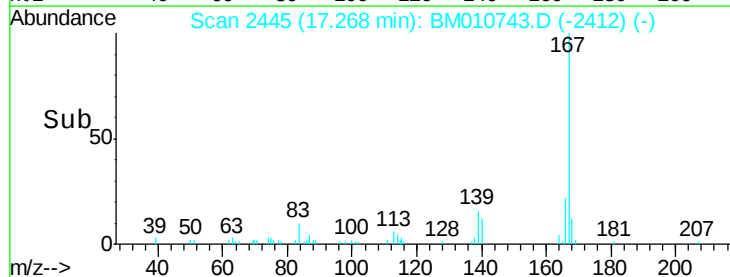
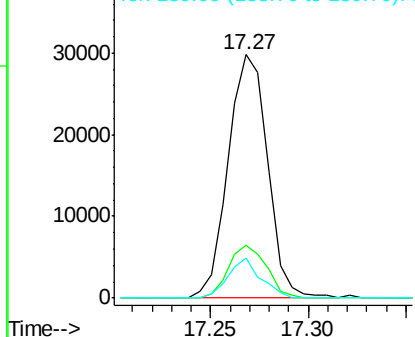


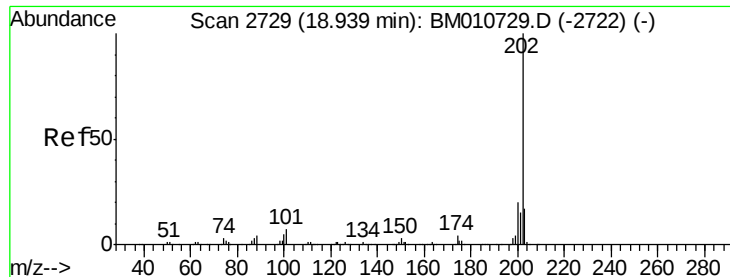
#72
 Carbazole
 Concen: 2.11 ng/ul
 RT: 17.27 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM010743.D
 Acq: 24 Jun 2017 23:04

Tgt Ion:167 Resp: 41780
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 16.3 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: 8.18 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

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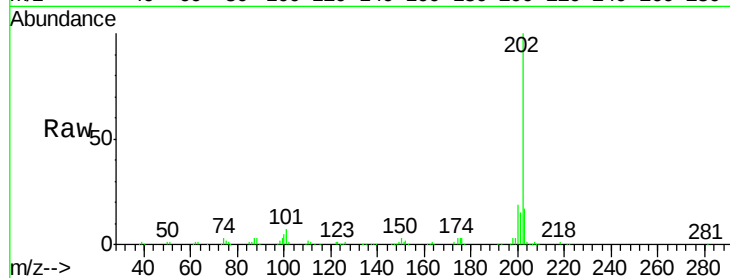
Tgt Ion:202 Resp: 231712

Ion Ratio Lower Upper

202 100

101 7.1 4.6 7.0#

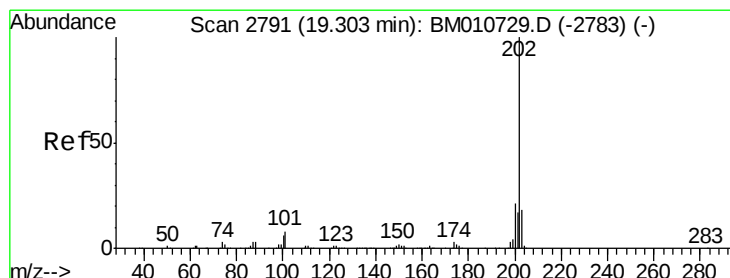
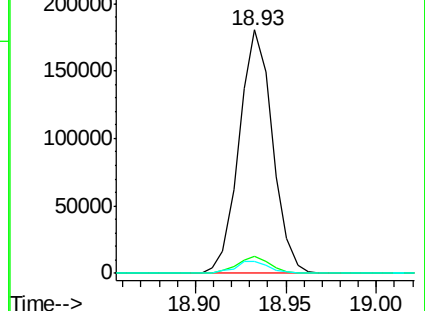
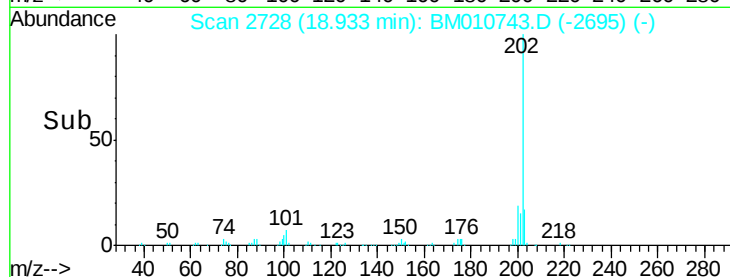
100 4.8 3.4 5.2



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: 5.75 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

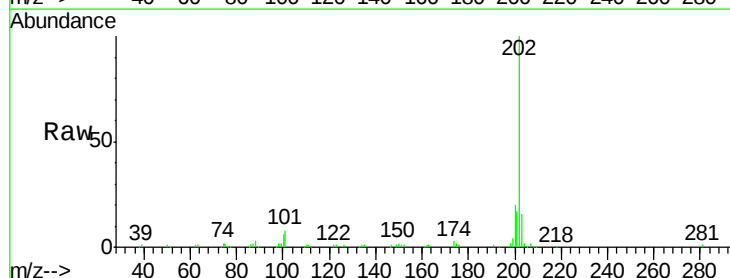
Tgt Ion:202 Resp: 153987

Ion Ratio Lower Upper

202 100

101 8.1 5.1 7.7#

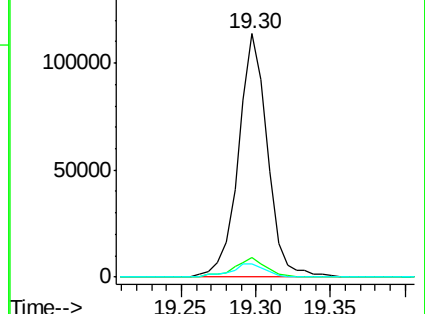
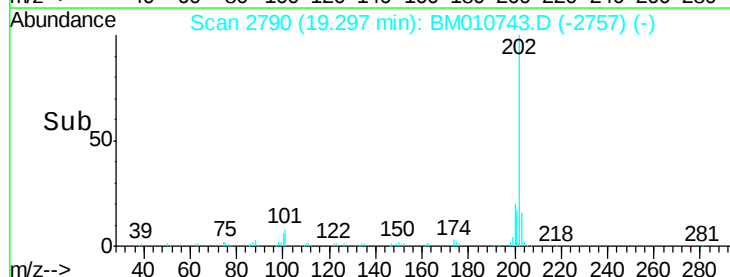
100 5.5 4.9 7.3

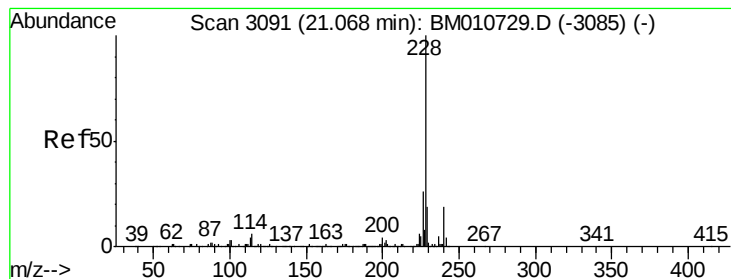


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

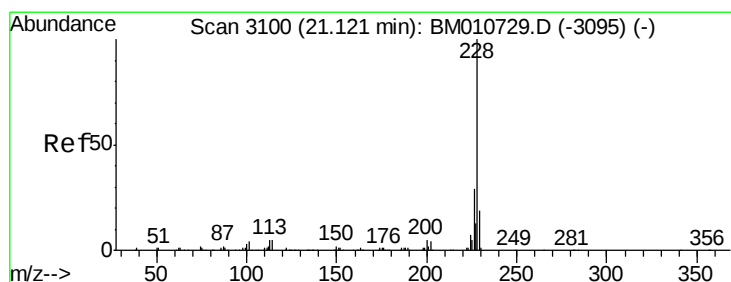
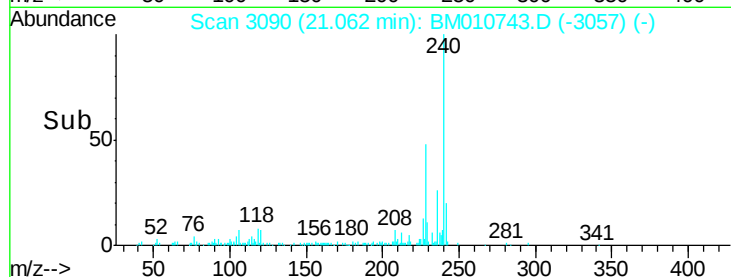
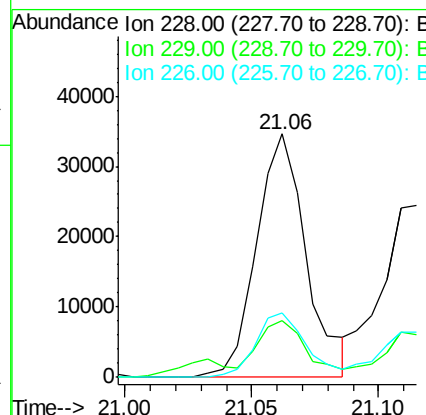
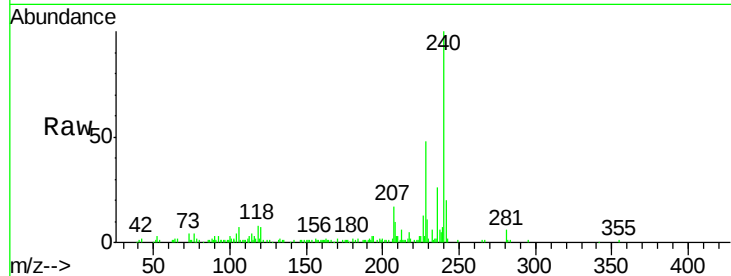




#80
Benzo(a)anthracene
Concen: 1.75 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010743.D
Acq: 24 Jun 2017 23:04

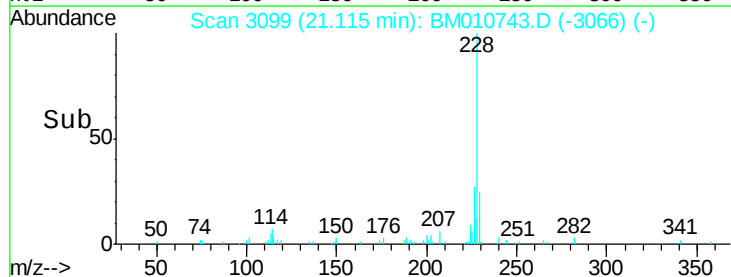
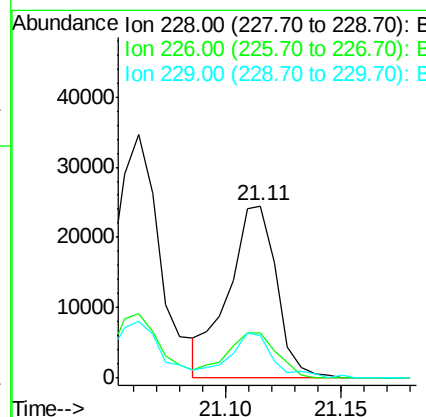
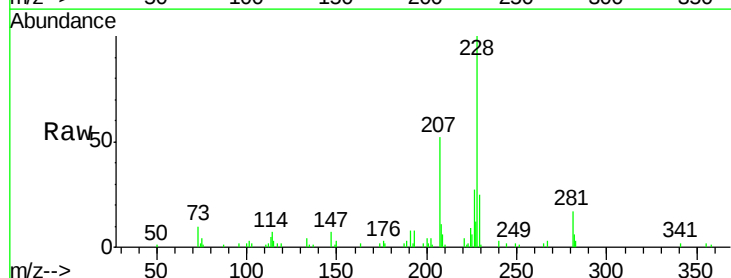
Instrument :
BNA_M
ClientSampleId :
F5B19MEDL

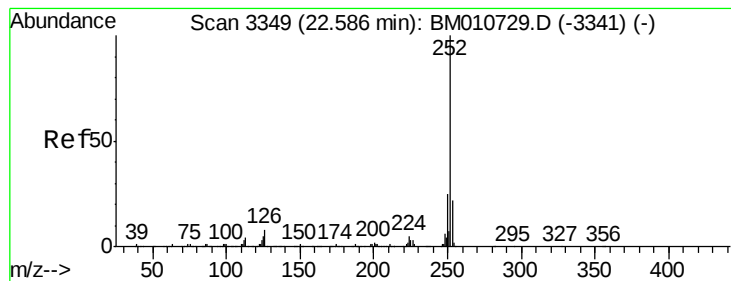
Tgt Ion:228 Resp: 47225
Ion Ratio Lower Upper
228 100
229 23.6 15.4 23.0#
226 26.5 21.4 32.0



#82
Chrysene
Concen: 1.49 ng/ul
RT: 21.11 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010743.D
Acq: 24 Jun 2017 23:04

Tgt Ion:228 Resp: 35790
Ion Ratio Lower Upper
228 100
226 26.6 23.4 35.2
229 24.9 15.5 23.3#





#85

Benzo(b)fluoranthene

Concen: 1.01 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5B19MEDL

Tgt Ion: 252 Resp: 24201

Ion Ratio Lower Upper

252 100

253 17.3 17.9 26.9#

125 8.5 3.6 5.4#

