

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010744.D
 Acq On : 24 Jun 2017 23:39
 Operator : SJ/JU
 Sample : I3653-03MEDL 25X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B20MEDL

Quant Time: Jun 26 04:58:06 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	50207	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	227029	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	159223	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	411389	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	453042	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	353929	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	6.64	99	3210	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1882	0.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	2551	0.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2867	0.72	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1289	0.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	622	0.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2841	0.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	4116	0.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	12143	0.87	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	12840	0.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1368	0.56	ng/ul	0.00
57) Fluorene-d10	15.11	176	11969	0.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1176	0.47	ng/ul	0.00
70) Anthracene-d10	16.86	188	411389	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	20831	0.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	14861	0.87	ng/ul	0.00

Target Compounds

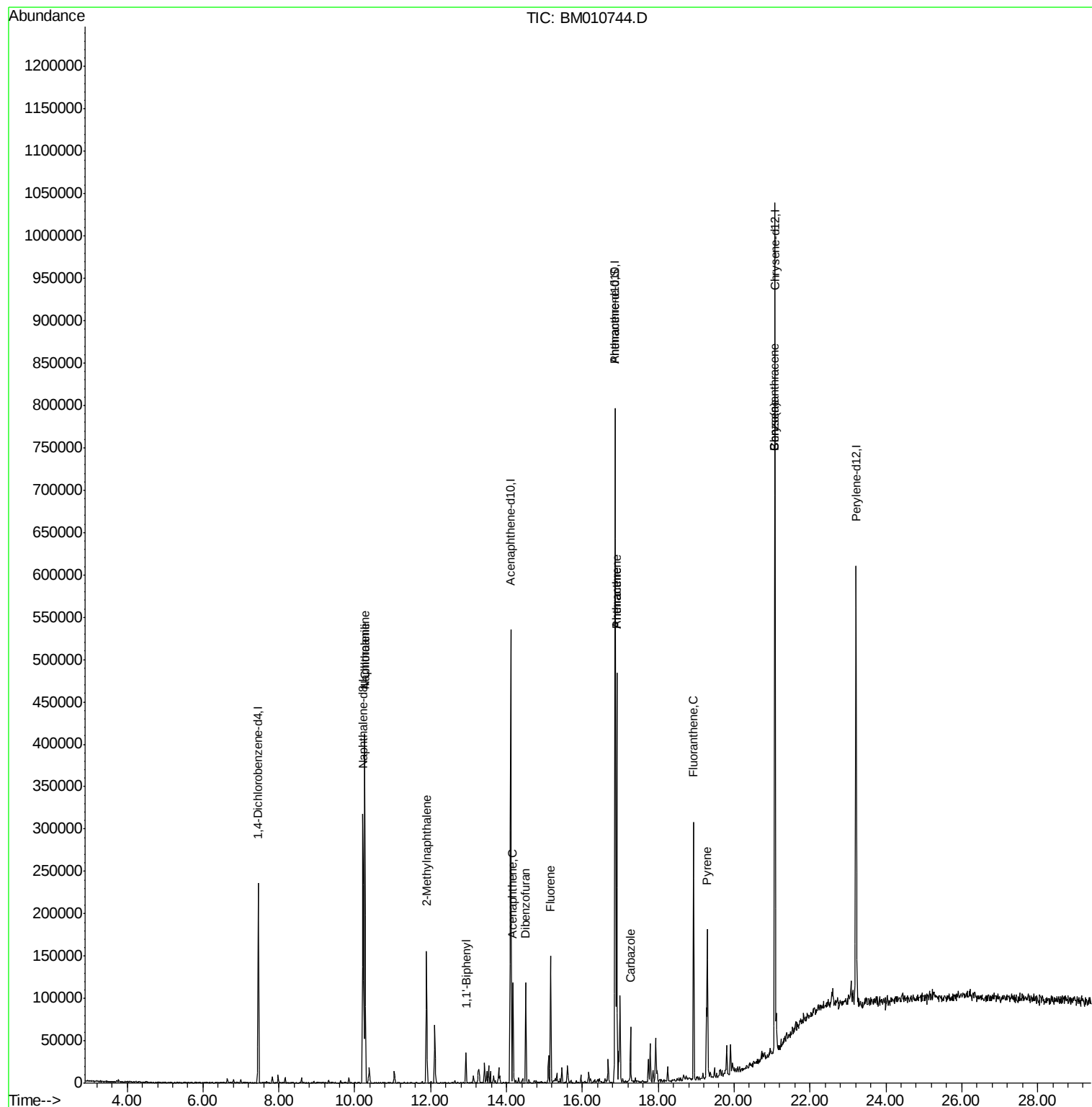
						Qvalue
28) Naphthalene	10.27	128	279017	24.70	ng/ul	97
30) 4-Chloroaniline	10.27	127	39652	9.52	ng/ul#	48
34) 2-Methylnaphthalene	11.89	142	60894	6.70	ng/ul	97
40) 1,1'-Biphenyl	12.93	154	17369	1.40	ng/ul#	96
49) Acenaphthene	14.17	153	45740	4.38	ng/ul	98
53) Dibenzofuran	14.51	168	60283	3.81	ng/ul#	82
58) Fluorene	15.16	166	58651	4.43	ng/ul	95
69) Phenanthrene	16.90	178	264425	12.09	ng/ul	99
71) Anthracene	16.90	178	264425	11.74	ng/ul	98
72) Carbazole	17.27	167	35933	1.83	ng/ul	98
74) Fluoranthene	18.93	202	162596	5.77	ng/ul#	98
77) Pyrene	19.30	202	106377	4.07	ng/ul#	95
80) Benzo(a)anthracene	21.06	228	30867	1.17	ng/ul	97
82) Chrysene	21.06	228	30867	1.31	ng/ul	96

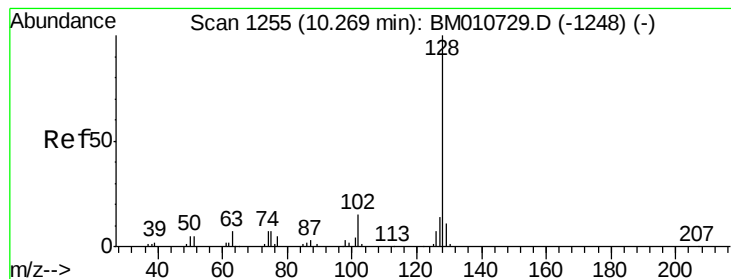
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 24.70 ng/ul

RT: 10.27 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

Instrument :

BNA_M

ClientSampleId :

F5B20MEDL

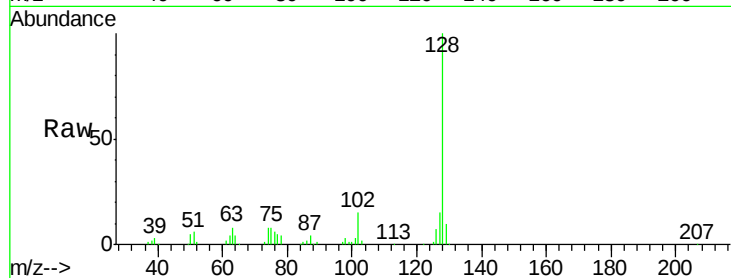
Tgt Ion:128 Resp: 279017

Ion Ratio Lower Upper

128 100

129 9.6 8.8 13.2

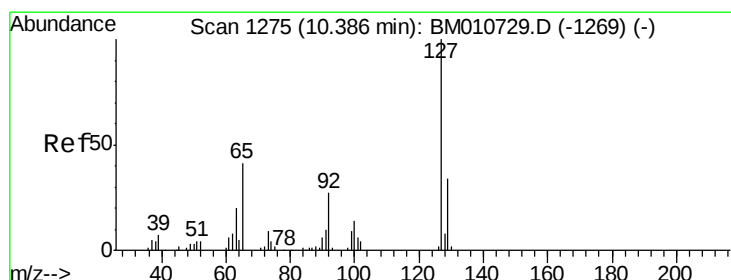
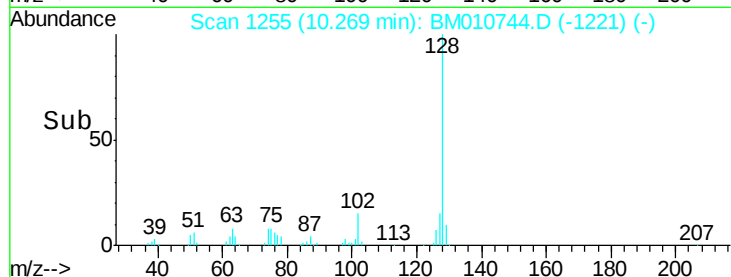
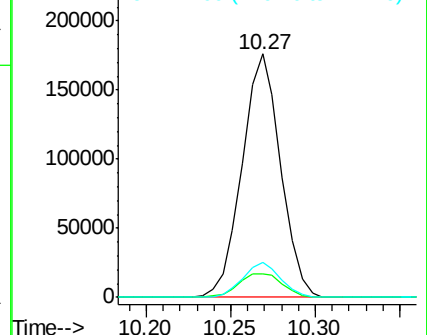
127 14.6 10.6 16.0



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: 9.52 ng/ul

RT: 10.27 min Scan# 1255

Delta R.T. -0.12 min

Lab File: BM010744.D

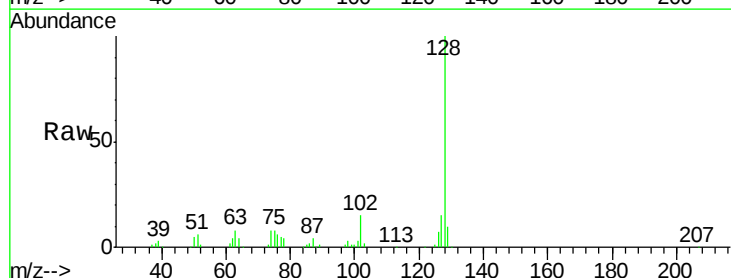
Acq: 24 Jun 2017 23:39

Tgt Ion:127 Resp: 39652

Ion Ratio Lower Upper

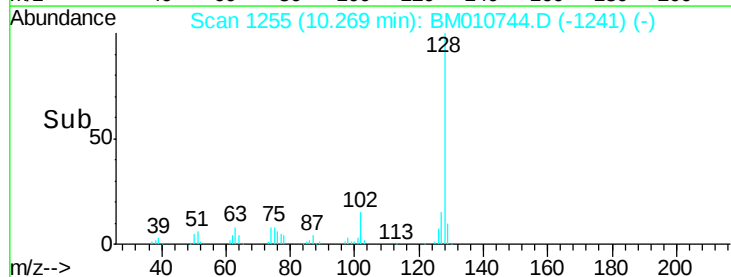
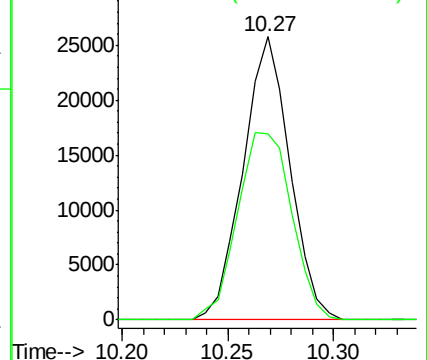
127 100

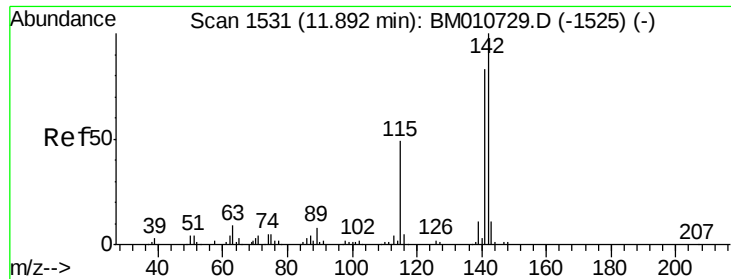
129 65.9 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

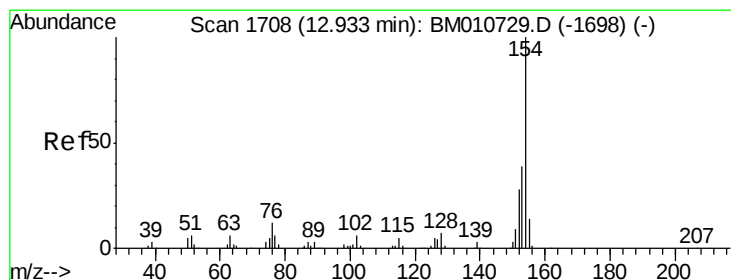
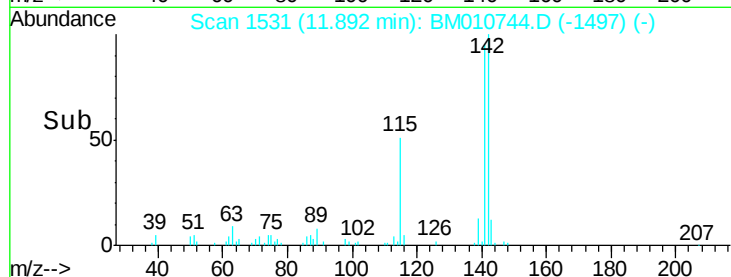
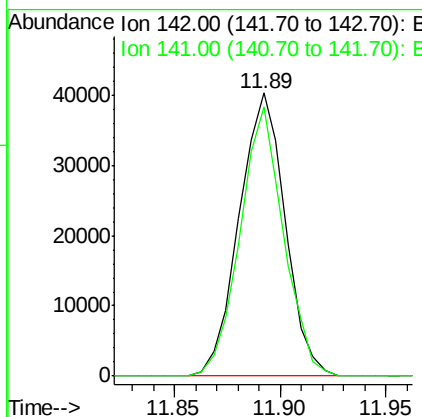
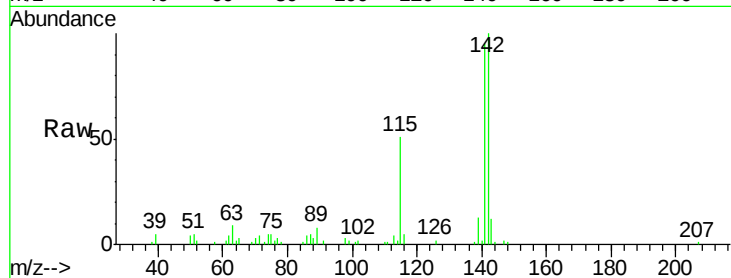




#34
 2-Methylnaphthalene
 Concen: 6.70 ng/ul
 RT: 11.89 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BM010744.D
 Acq: 24 Jun 2017 23:39

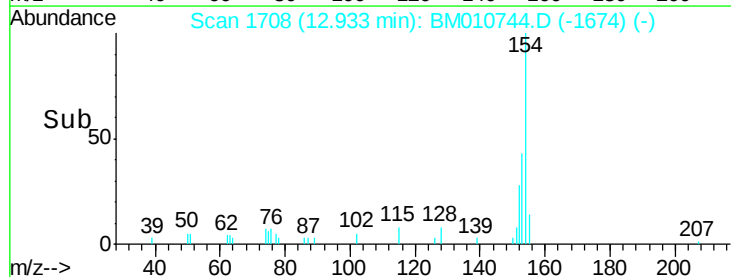
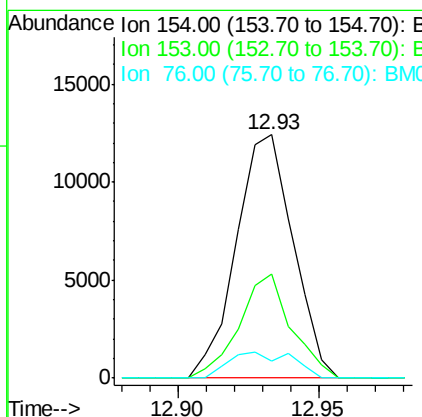
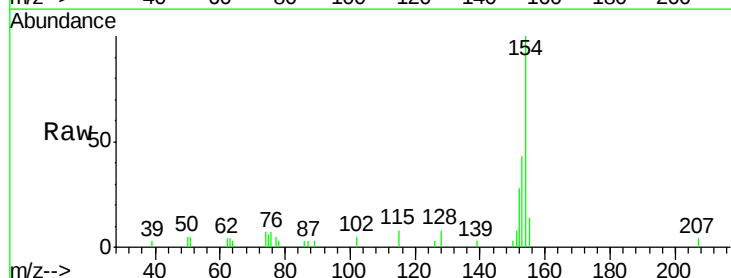
Instrument :
 BNA_M
 ClientSampleId :
 F5B20MEDL

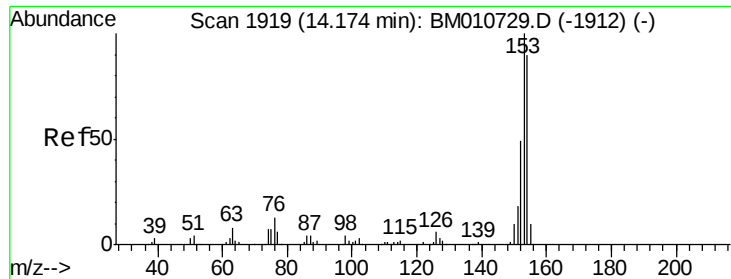
Tgt Ion:142 Resp: 60894
 Ion Ratio Lower Upper
 142 100
 141 95.0 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 1.40 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BM010744.D
 Acq: 24 Jun 2017 23:39

Tgt Ion:154 Resp: 17369
 Ion Ratio Lower Upper
 154 100
 153 42.5 32.6 48.8
 76 7.0 8.5 12.7#





#49

Acenaphthene

Concen: 4.38 ng/ul

RT: 14.17 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

Instrument :

BNA_M

ClientSampleId :

F5B20MEDL

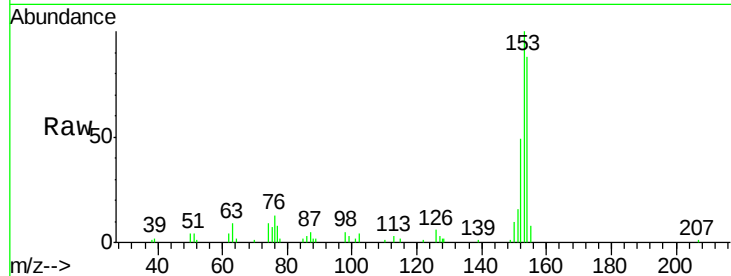
Tgt Ion:153 Resp: 45740

Ion Ratio Lower Upper

153 100

152 49.3 37.6 56.4

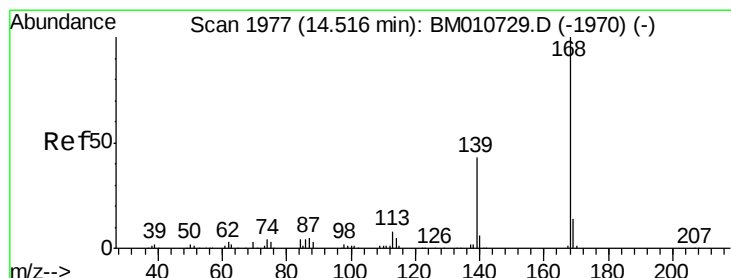
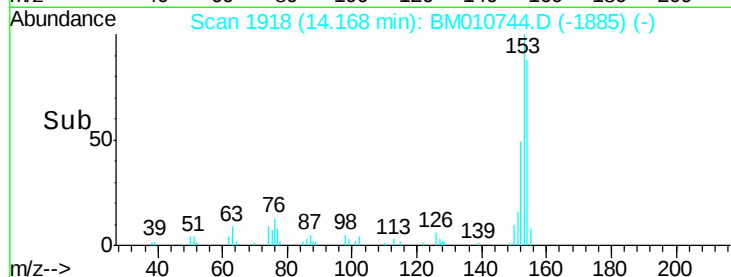
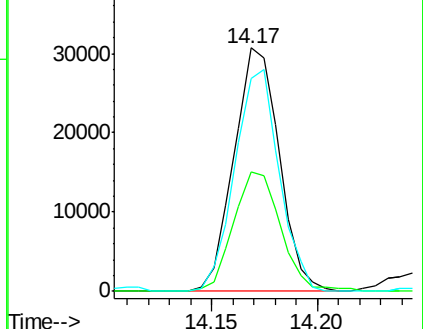
154 87.5 70.4 105.6



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: 3.81 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM010744.D

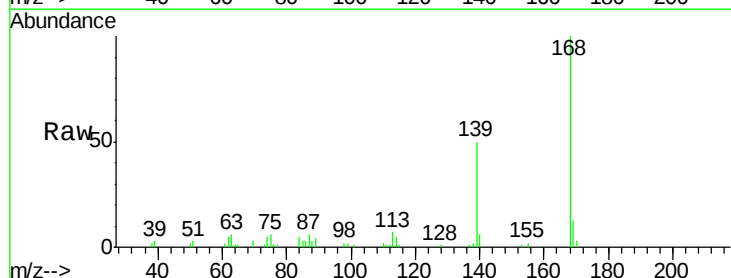
Acq: 24 Jun 2017 23:39

Tgt Ion:168 Resp: 60283

Ion Ratio Lower Upper

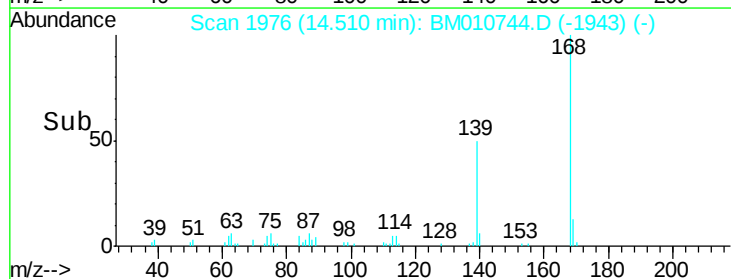
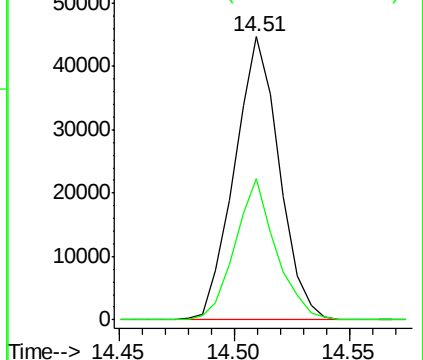
168 100

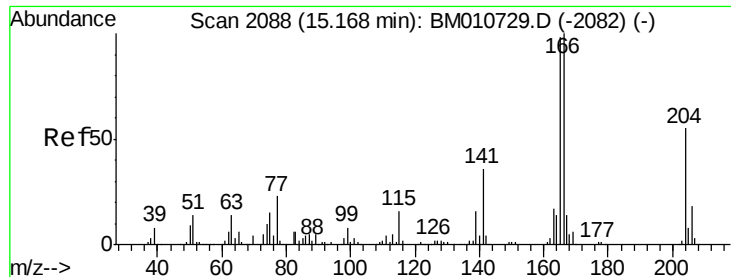
139 49.7 30.8 46.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 4.43 ng/ul

RT: 15.16 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

Instrument :

BNA_M

ClientSampleId :

F5B20MEDL

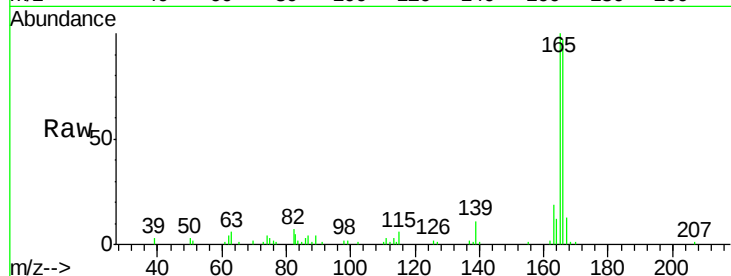
Tgt Ion:166 Resp: 58651

Ion Ratio Lower Upper

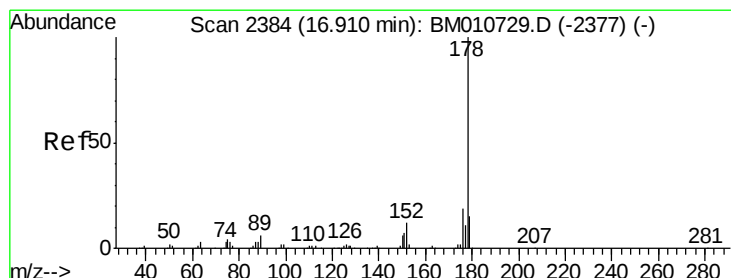
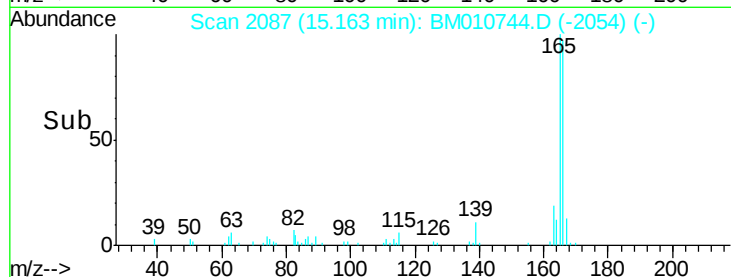
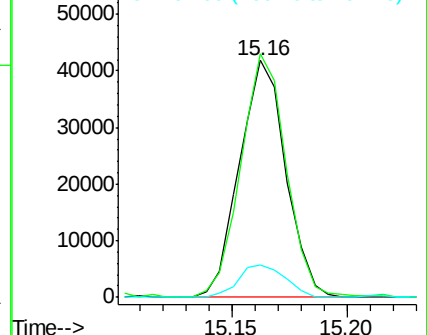
166 100

165 102.7 77.9 116.9

167 13.7 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: 12.09 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

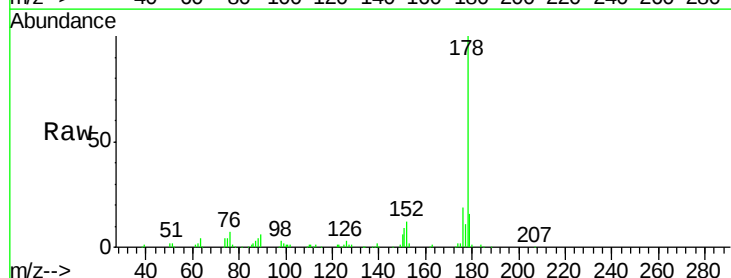
Tgt Ion:178 Resp: 264425

Ion Ratio Lower Upper

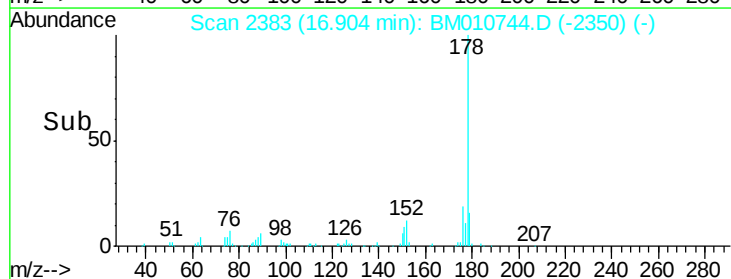
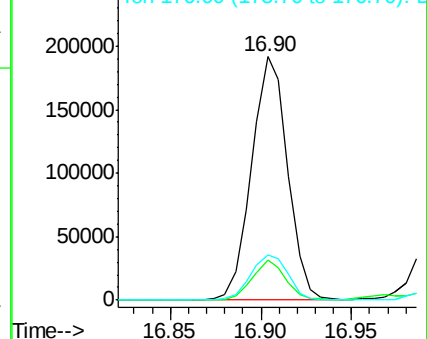
178 100

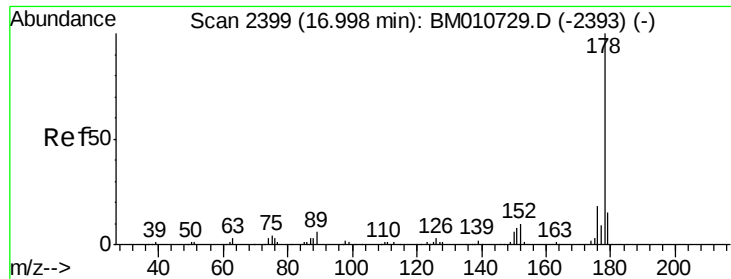
179 16.4 12.6 19.0

176 18.6 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

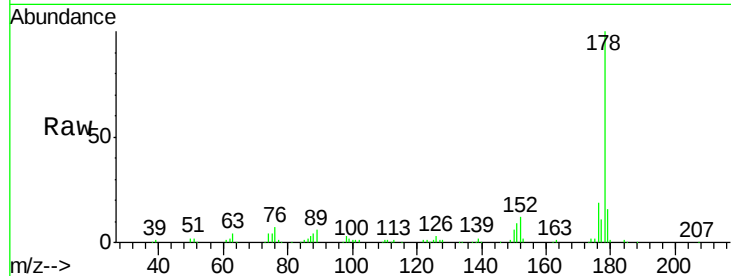




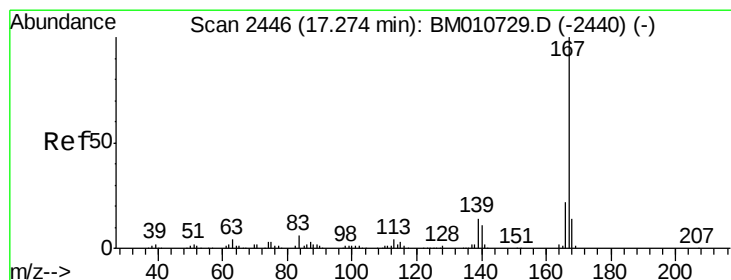
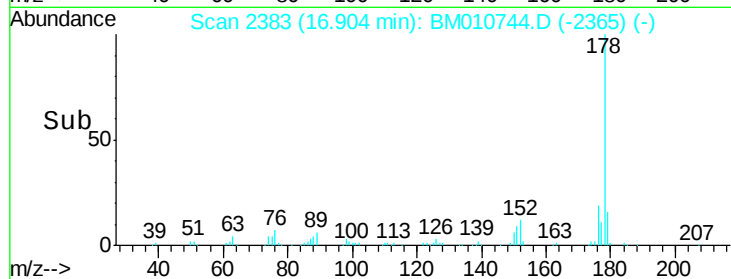
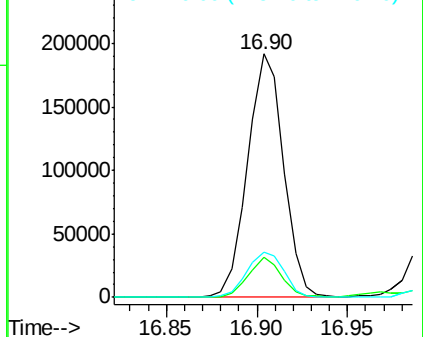
#71
 Anthracene
 Concen: 11.74 ng/ul
 RT: 16.90 min Scan# 2383
 Delta R.T. -0.09 min
 Lab File: BM010744.D
 Acq: 24 Jun 2017 23:39

Instrument :
 BNA_M
 ClientSampleId :
 F5B20MEDL

Tgt Ion:178 Resp: 264425
 Ion Ratio Lower Upper
 178 100
 179 16.4 11.7 17.5
 176 18.6 14.6 21.8

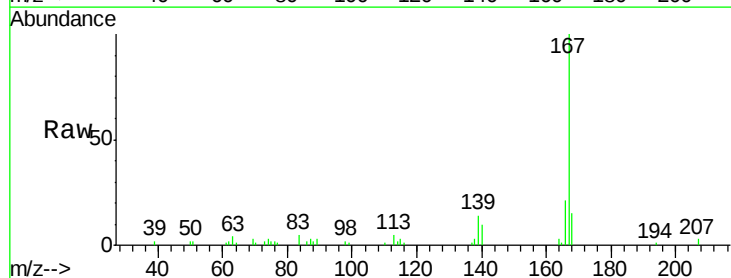


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

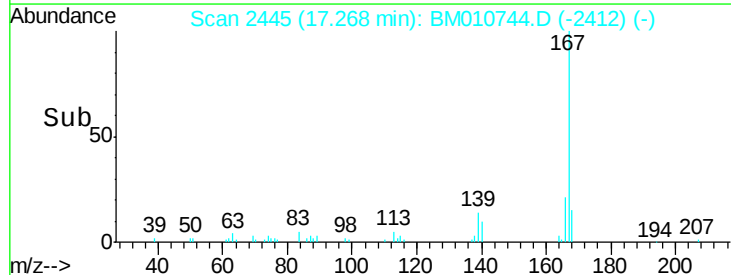
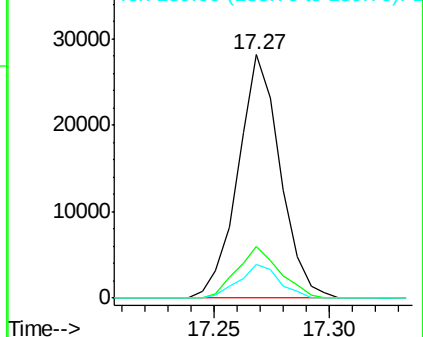


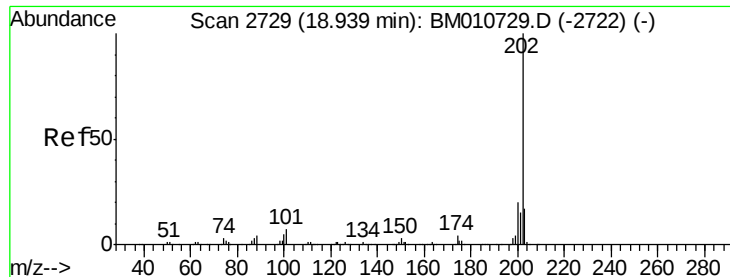
#72
 Carbazole
 Concen: 1.83 ng/ul
 RT: 17.27 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM010744.D
 Acq: 24 Jun 2017 23:39

Tgt Ion:167 Resp: 35933
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 14.1 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: 5.77 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

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ClientSampleId :

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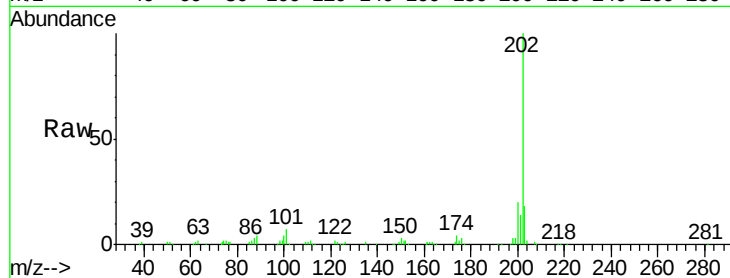
Tgt Ion:202 Resp: 162596

Ion Ratio Lower Upper

202 100

101 7.0 4.6 7.0#

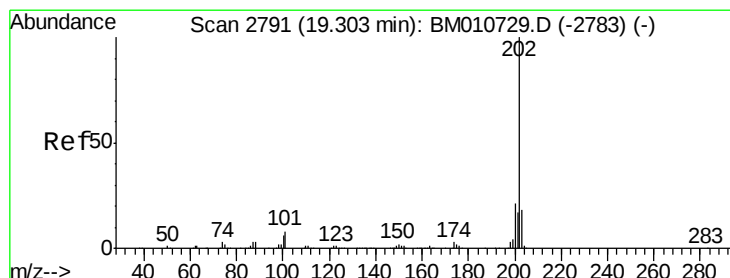
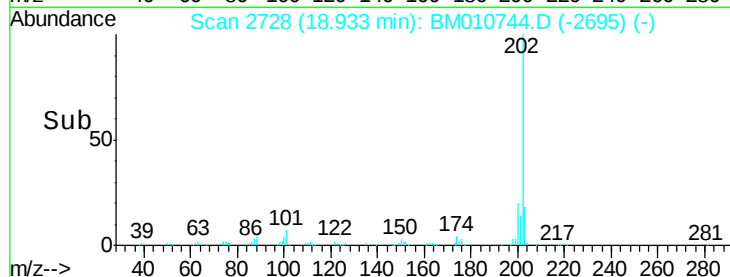
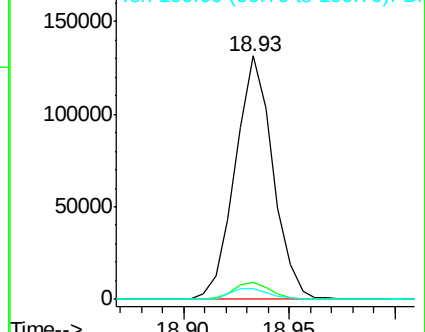
100 4.1 3.4 5.2



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: 4.07 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

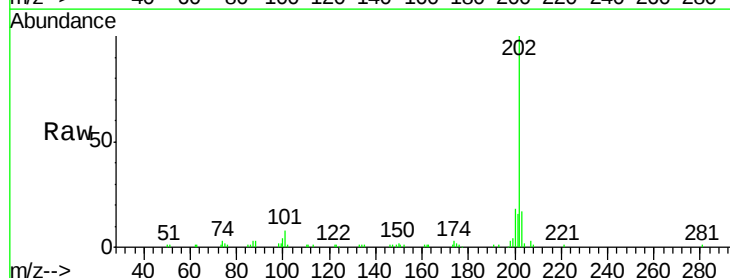
Tgt Ion:202 Resp: 106377

Ion Ratio Lower Upper

202 100

101 7.9 5.1 7.7#

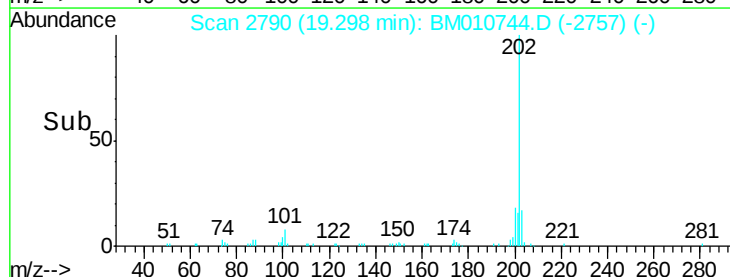
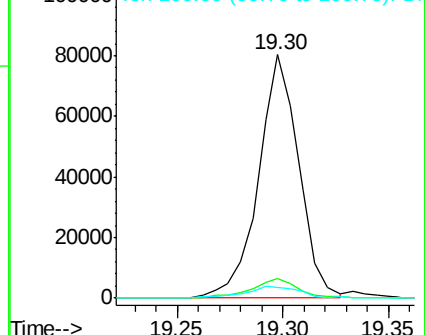
100 4.3 4.9 7.3#

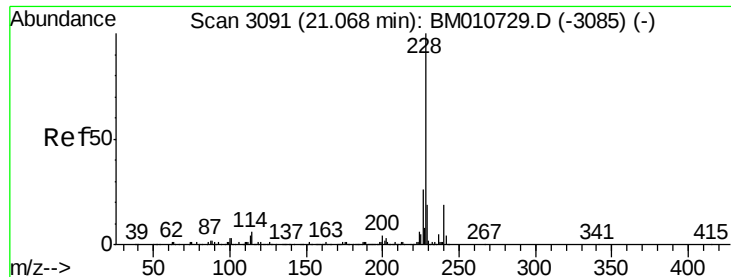


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.17 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

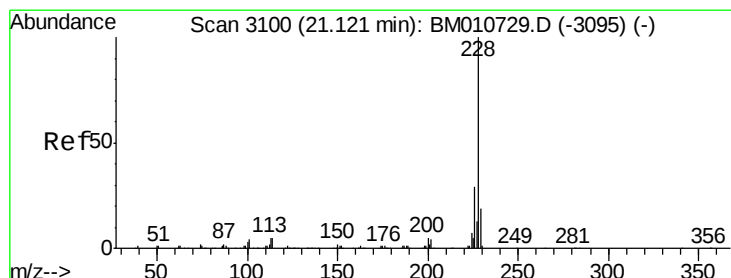
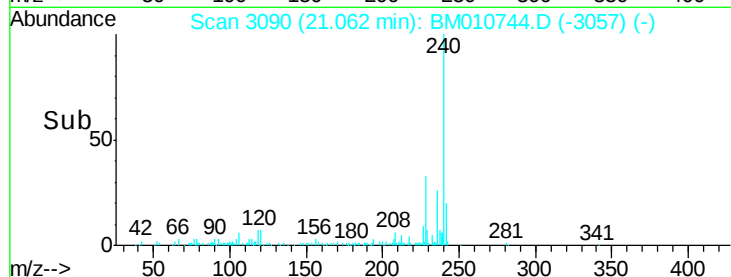
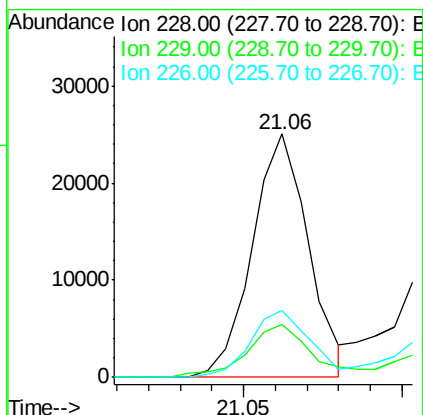
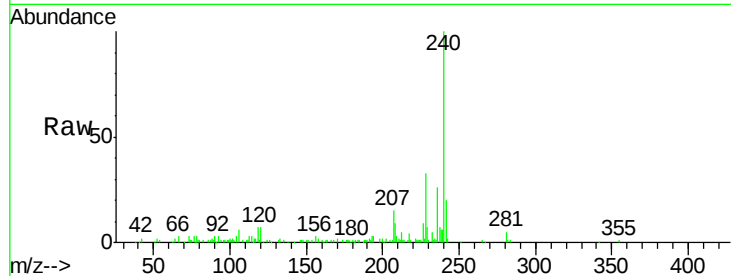
Instrument :

BNA_M

ClientSampleId :

F5B20MEDL

Tgt Ion:	228	Resp:	30867
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.4	23.0
226	27.4	21.4	32.0



#82

Chrysene

Concen: 1.31 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.06 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

Tgt Ion:	228	Resp:	30867
Ion Ratio	Lower	Upper	
228	100		
226	27.4	23.4	35.2
229	21.5	15.5	23.3

