

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092893.D
 Acq On : 10 Feb 2017 19:55
 Operator : SJ/MA
 Sample : I1772-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Feb 10 23:55:29 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 23:31:14 2017
 Response via : Initial Calibration

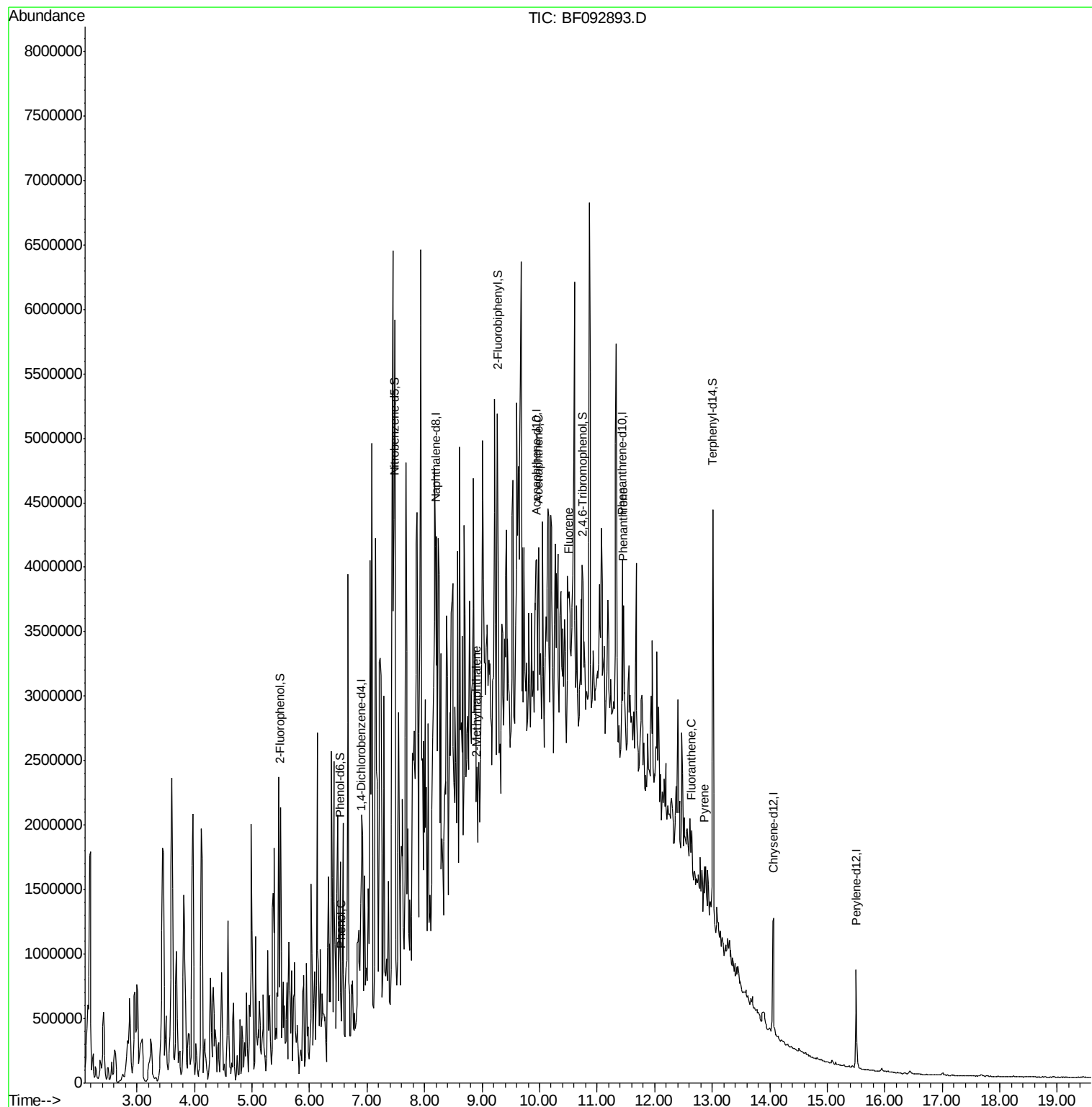
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	168238	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	552825	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	321958	20.00	ng	0.01
63) Phenanthrene-d10	11.44	188	502725	20.00	ng	0.01
75) Chrysene-d12	14.07	240	468036	20.00	ng	0.00
86) Perylene-d12	15.51	264	351980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	590564	60.22	ng	0.00
7) Phenol-d6	6.53	99	516242	40.92	ng	0.00
23) Nitrobenzene-d5	7.47	82	874927	88.13	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	325989	139.99	ng	0.01
44) 2-Fluorobiphenyl	9.26	172	1594434	89.72	ng	0.00
78) Terphenyl-d14	13.01	244	1348857	67.72	ng	0.00
Target Compounds						
10) Phenol	6.54	94	33767	2.29	ng	# 76
37) 2-Methylnaphthalene	8.90	142	223498	12.42	ng	# 94
51) Acenaphthene	9.98	154	141463	7.51	ng	# 59
57) Fluorene	10.50	166	278381	14.36	ng	# 92
70) Phenanthrene	11.46	178	481271	16.71	ng	# 95
74) Fluoranthene	12.64	202	127753	4.30	ng	90
77) Pyrene	12.87	202	204260	5.83	ng	96

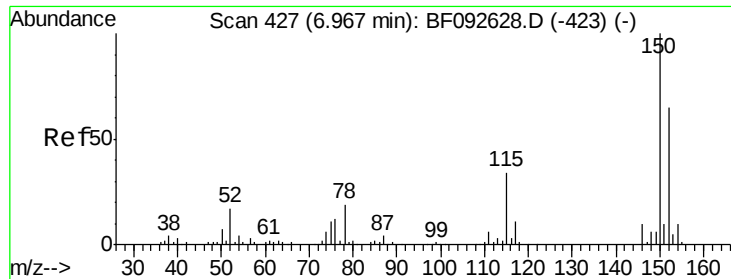
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092893.D
Acq On : 10 Feb 2017 19:55
Operator : SJ/MA
Sample : I1772-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6

Quant Time: Feb 10 23:55:29 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration



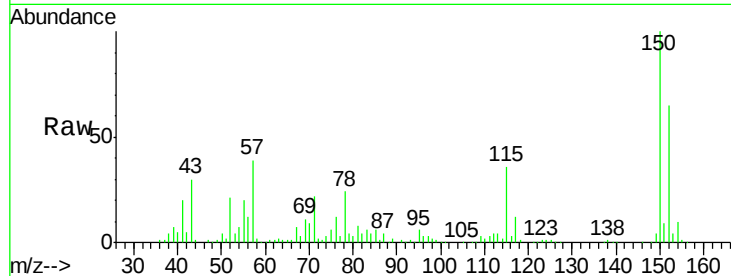


#1

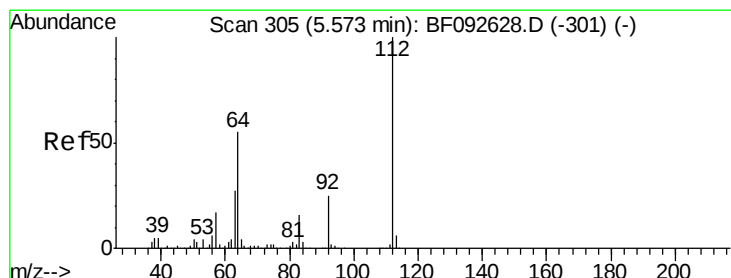
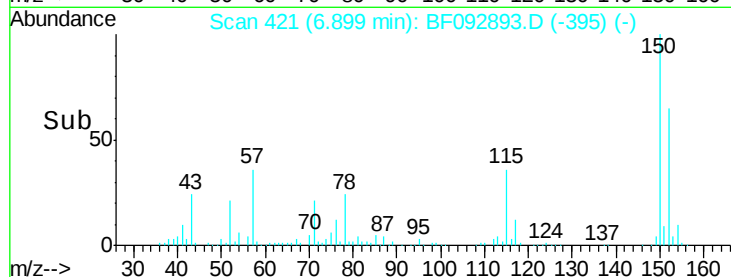
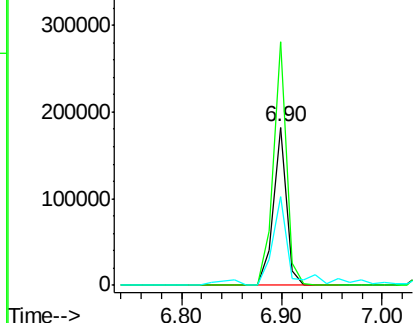
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092893.D
Acq: 10 Feb 2017 19:55

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 168238
Ion Ratio Lower Upper
152 100
150 153.8 124.9 187.3
115 56.1 46.0 69.0



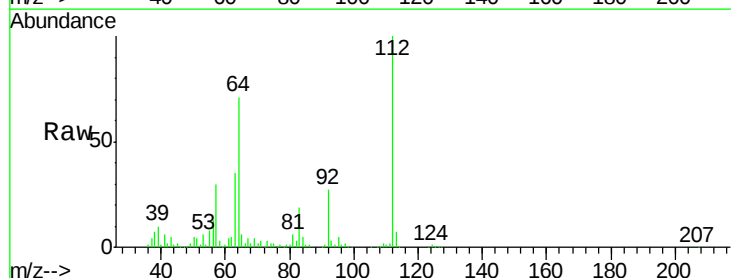
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



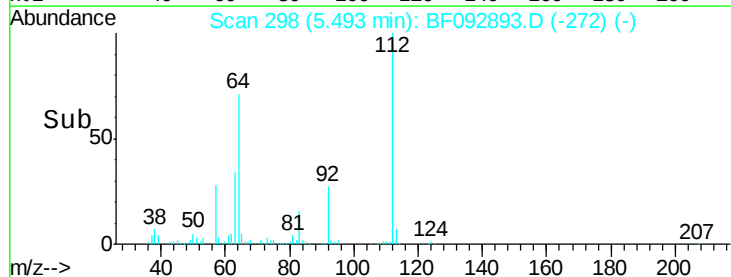
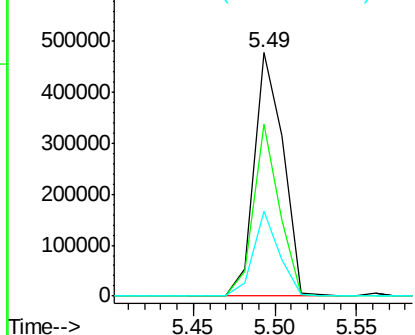
#5

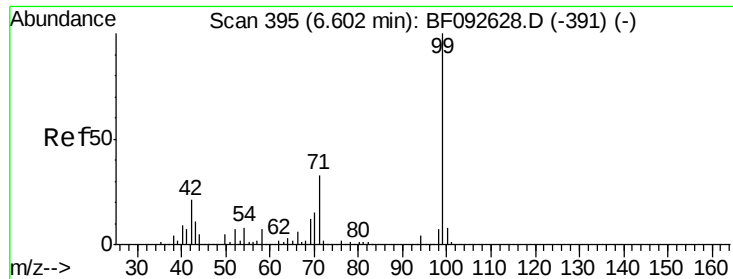
2-Fluorophenol
Concen: 60.22 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF092893.D
Acq: 10 Feb 2017 19:55

Tgt Ion:112 Resp: 590564
Ion Ratio Lower Upper
112 100
64 70.5 46.1 69.1#
63 34.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.92 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

Instrument :

BNA_F

ClientSampleId :

MW-6

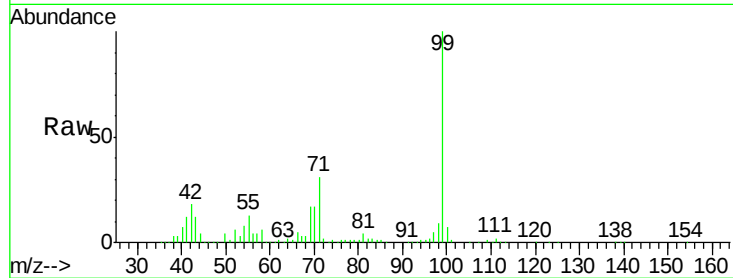
Tgt Ion: 99 Resp: 516242

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

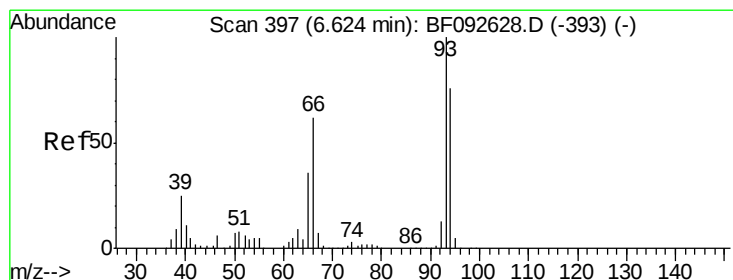
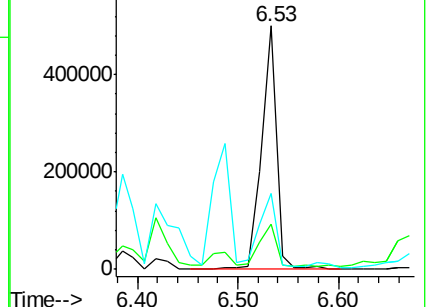
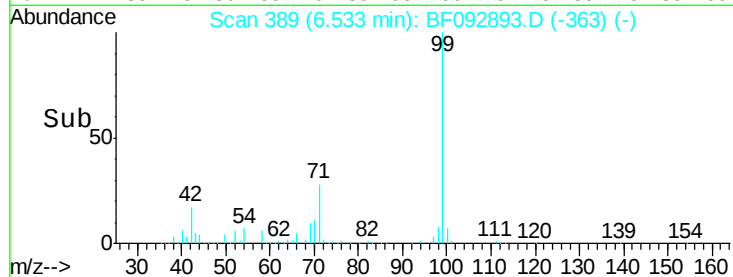
71 31.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.29 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

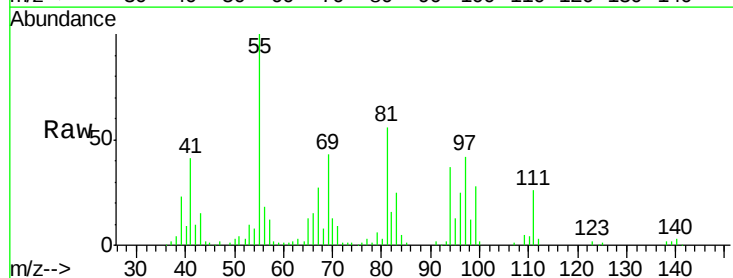
Tgt Ion: 94 Resp: 33767

Ion Ratio Lower Upper

94 100

65 33.7 21.4 61.4

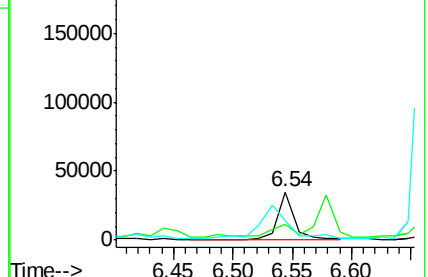
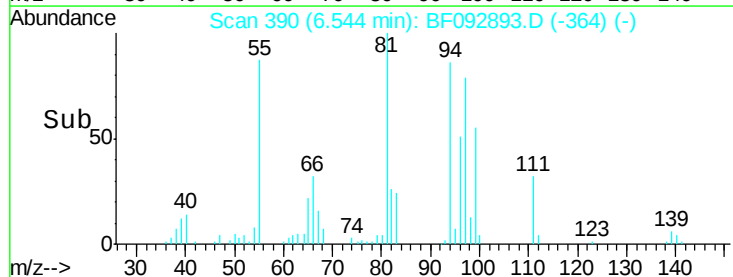
66 39.5 44.0 84.0#

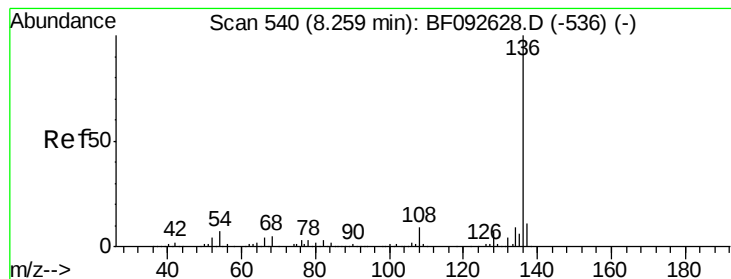


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

Instrument :

BNA_F

ClientSampleId :

MW-6

Tgt Ion:136 Resp: 552825

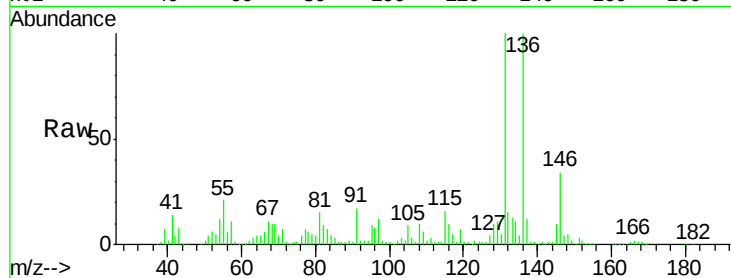
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 11.8 4.5 6.7#

68 9.5 3.6 5.4#

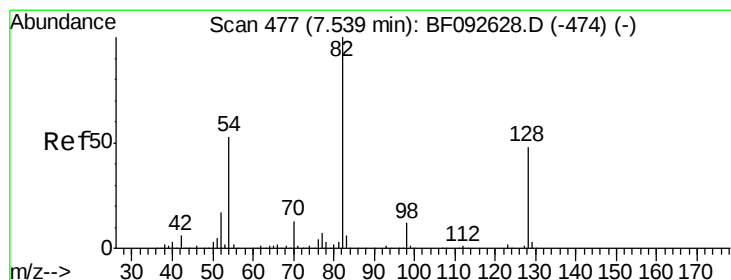
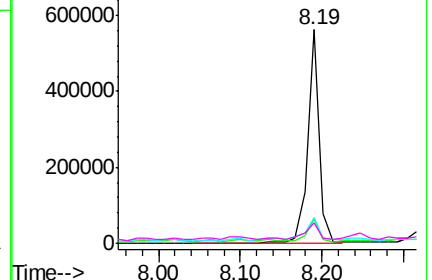
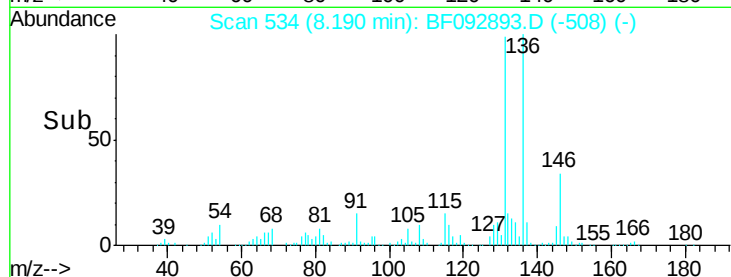


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.13 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

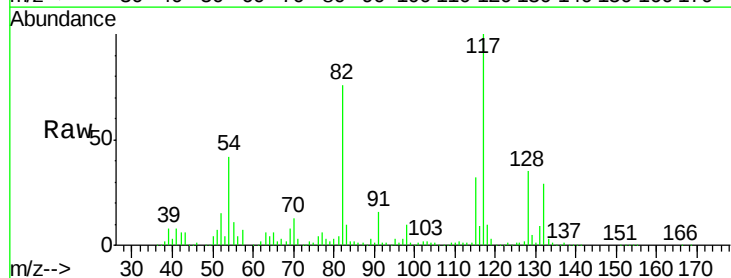
Tgt Ion: 82 Resp: 874927

Ion Ratio Lower Upper

82 100

128 46.1 34.6 52.0

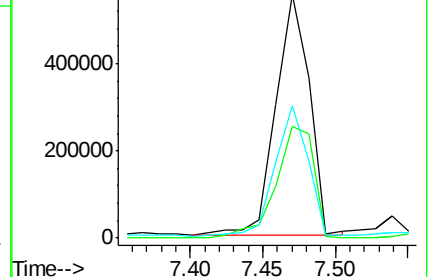
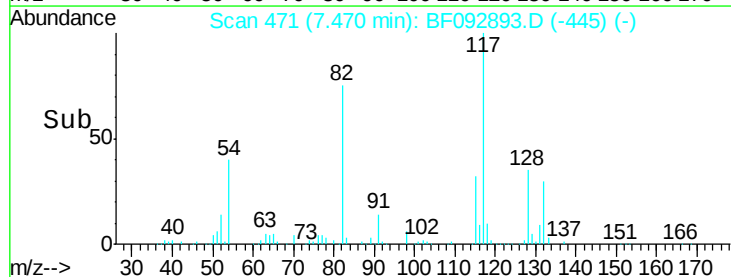
54 54.3 39.5 59.3

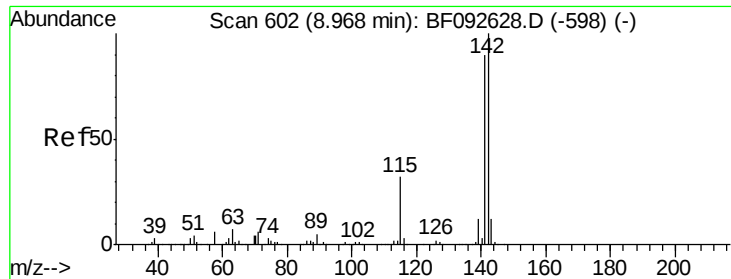


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

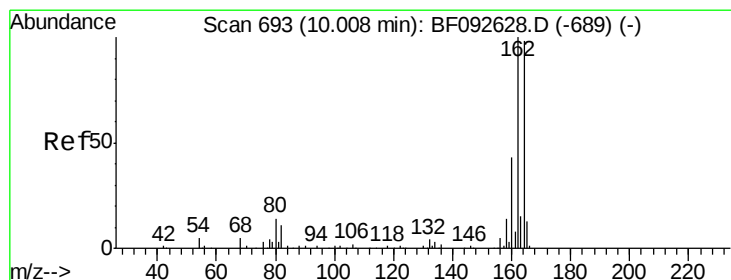
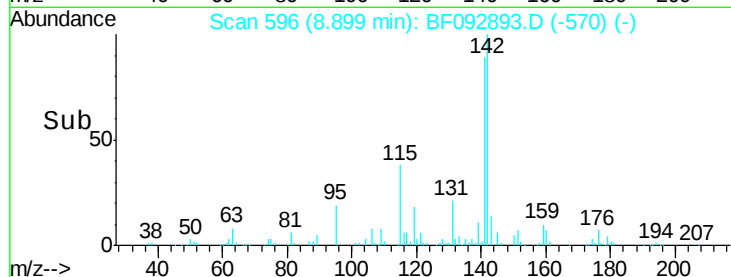
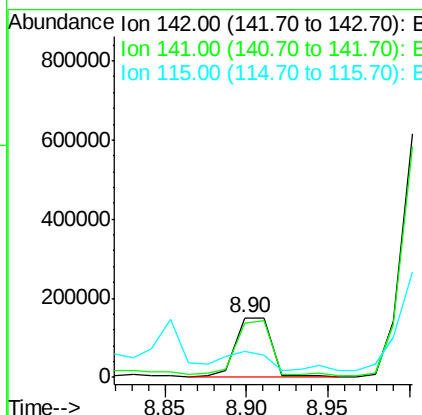
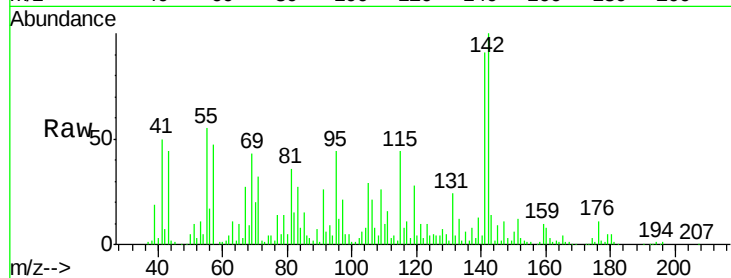




#37
 2-Methylnaphthalene
 Concen: 12.42 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF092893.D
 Acq: 10 Feb 2017 19:55

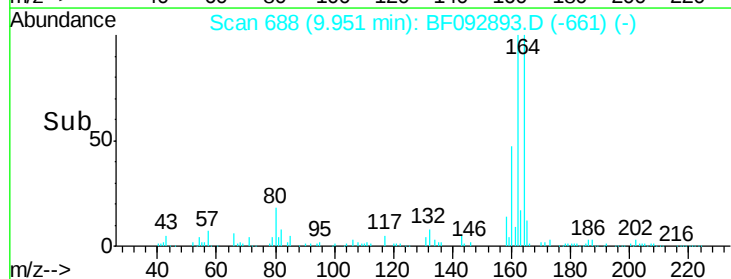
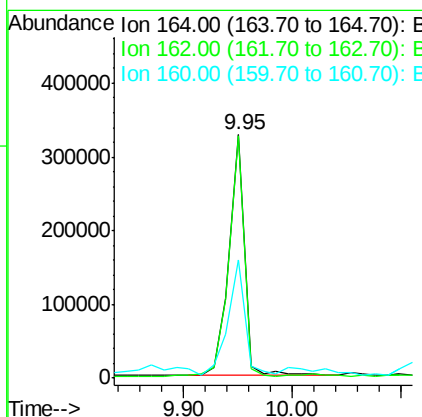
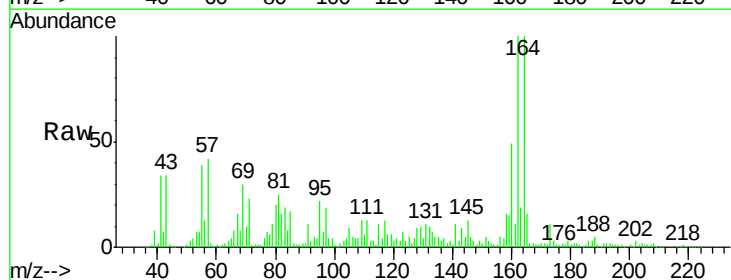
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tgt Ion:142 Resp: 223498
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.0 106.6
 115 44.3 28.3 42.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF092893.D
 Acq: 10 Feb 2017 19:55

Tgt Ion:164 Resp: 321958
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.2 120.2
 160 48.8 36.9 55.3

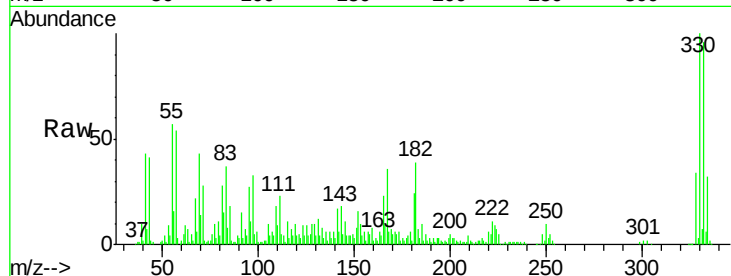




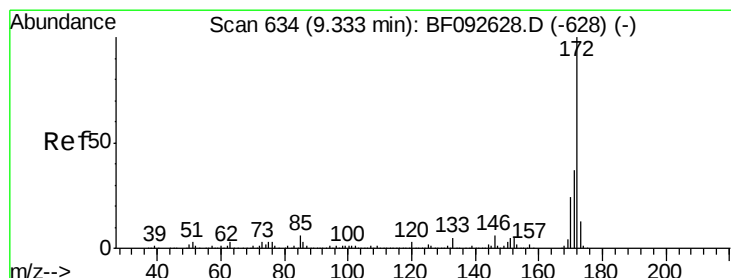
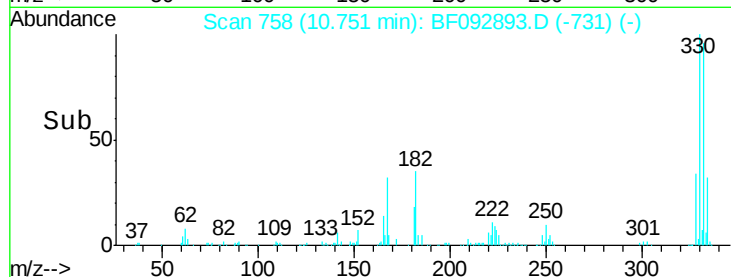
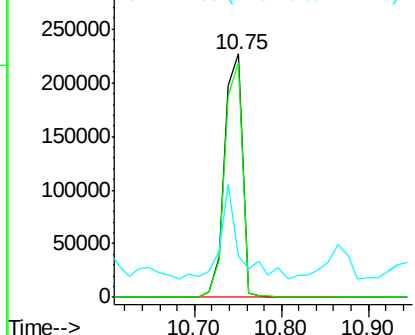
#41
 2,4,6-Tribromophenol
 Concen: 139.99 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF092893.D
 Acq: 10 Feb 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tgt Ion:330 Resp: 325989
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 41.0 34.1 51.1

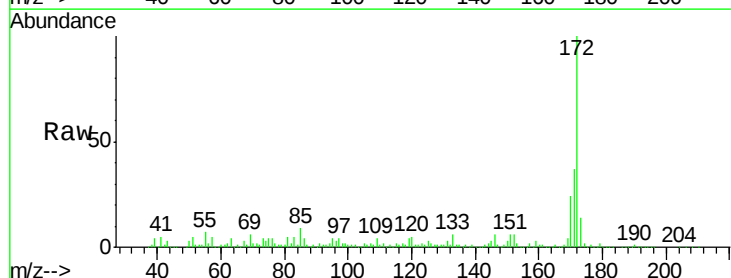


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

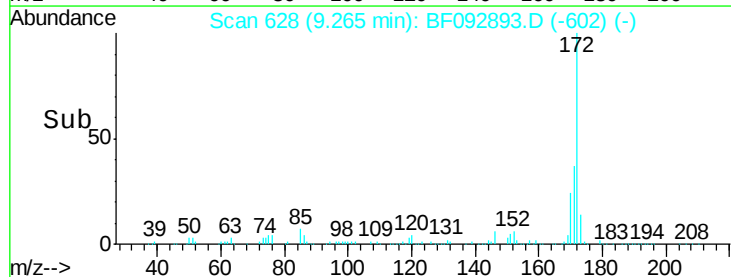
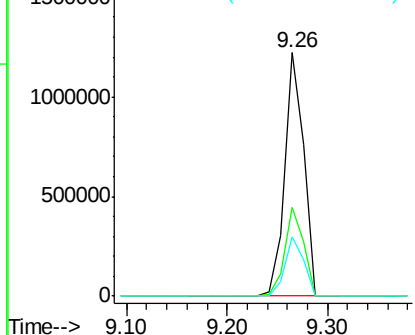


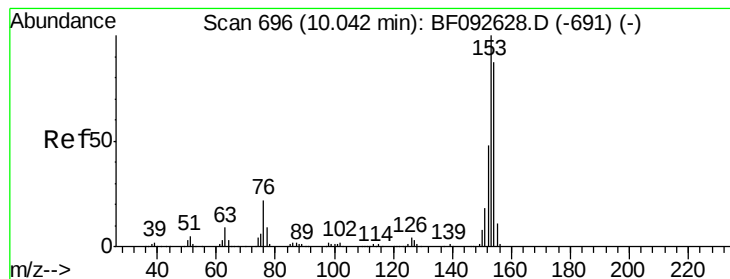
#44
 2-Fluorobiphenyl
 Concen: 89.72 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092893.D
 Acq: 10 Feb 2017 19:55

Tgt Ion:172 Resp: 1594434
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.2 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#51

Acenaphthene

Concen: 7.51 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

Instrument :

BNA_F

ClientSampled :

MW-6

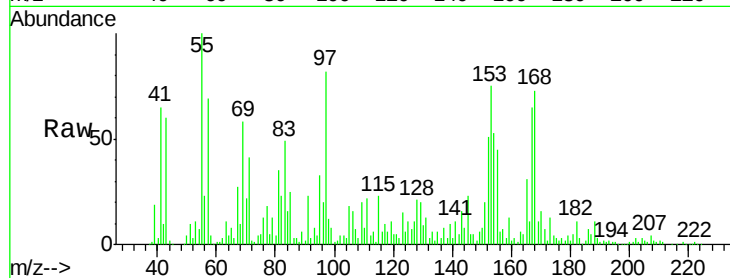
Tgt Ion:154 Resp: 141463

Ion Ratio Lower Upper

154 100

153 142.4 88.6 133.0#

152 97.1 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

200000

150000

100000

50000

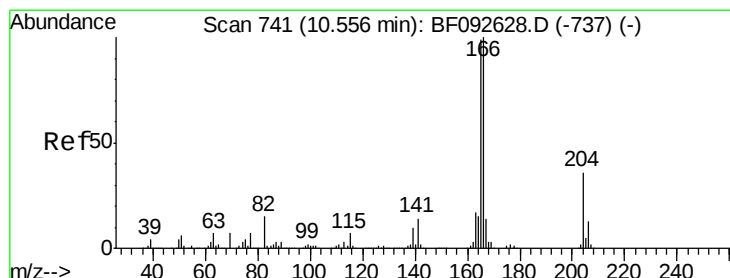
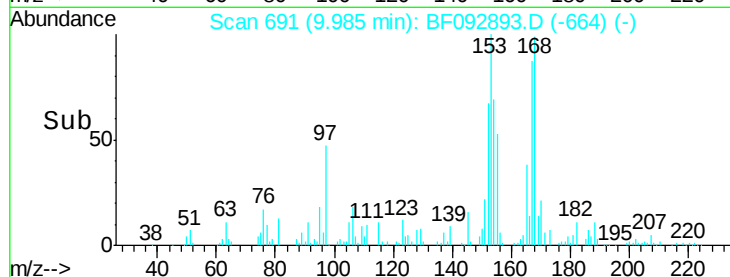
0

9.80

9.90

10.00

Time-->



#57

Fluorene

Concen: 14.36 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

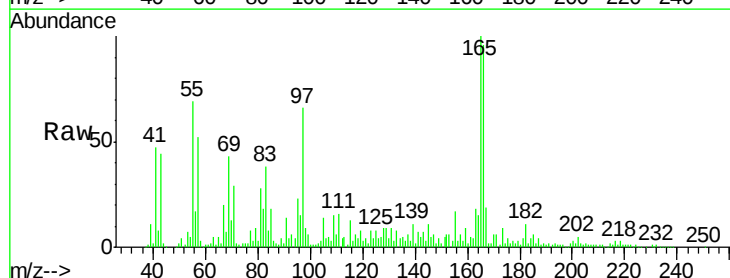
Tgt Ion:166 Resp: 278381

Ion Ratio Lower Upper

166 100

165 104.2 77.8 116.8

167 19.6 10.8 16.2#



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

300000

200000

100000

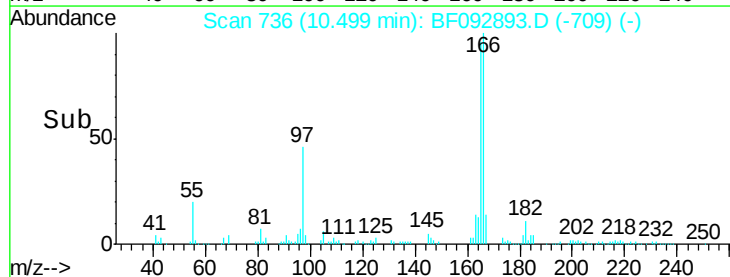
0

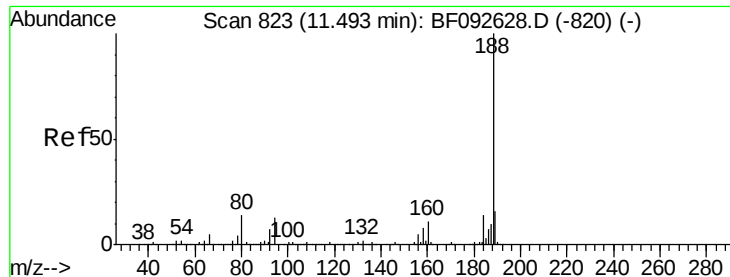
10.45

10.50

10.55

Time-->

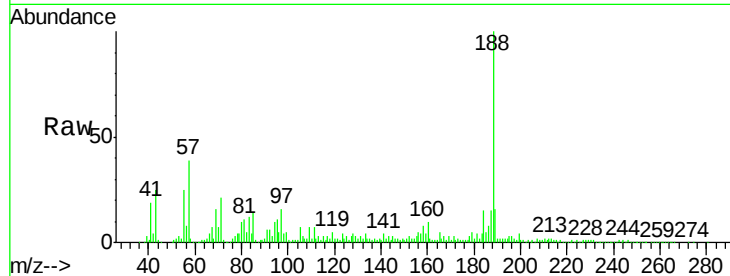




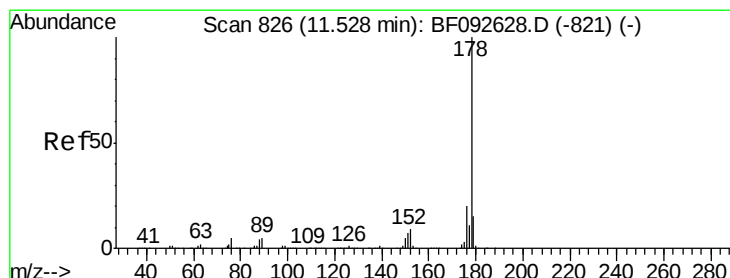
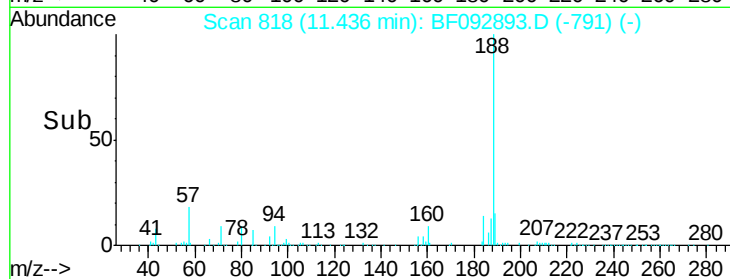
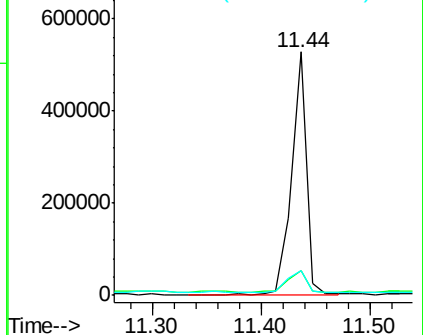
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF092893.D
Acq: 10 Feb 2017 19:55

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:188 Resp: 502725
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 10.3 11.2 16.8#

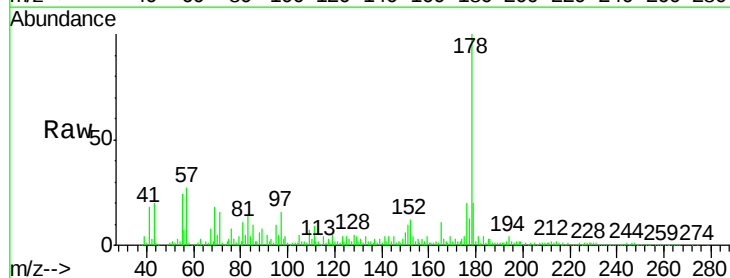


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

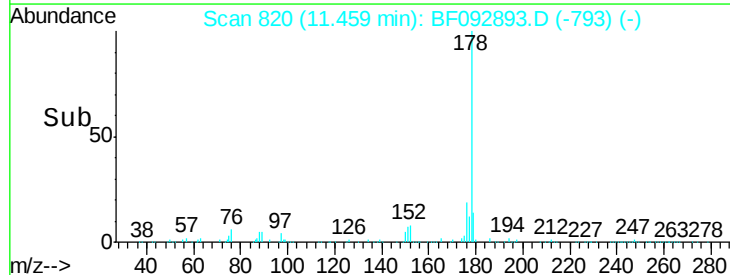
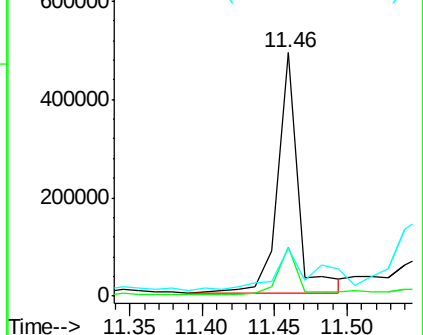


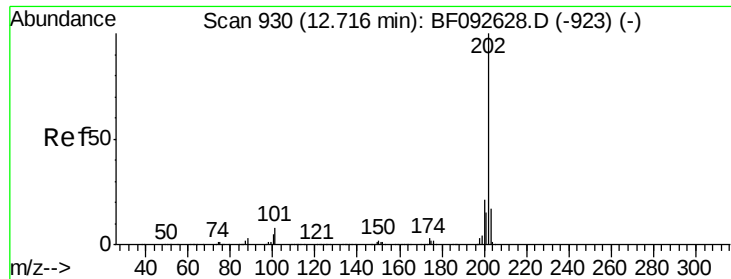
#70
Phenanthrene
Concen: 16.71 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF092893.D
Acq: 10 Feb 2017 19:55

Tgt Ion:178 Resp: 481271
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 19.7 12.8 19.2#



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





#74

Fluoranthene

Concen: 4.30 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

Instrument :

BNA_F

ClientSampleId :

MW-6

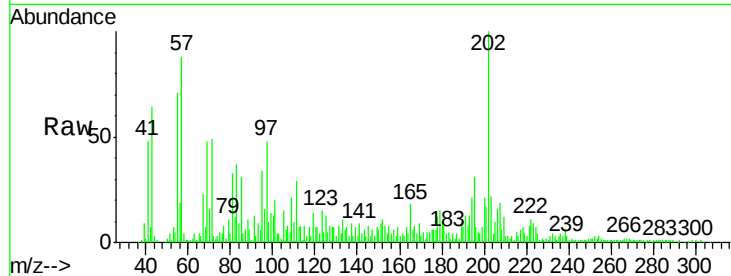
Tgt Ion:202 Resp: 127753

Ion Ratio Lower Upper

202 100

101 19.6 0.0 34.6

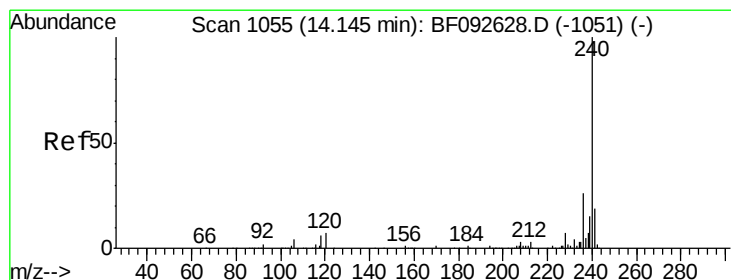
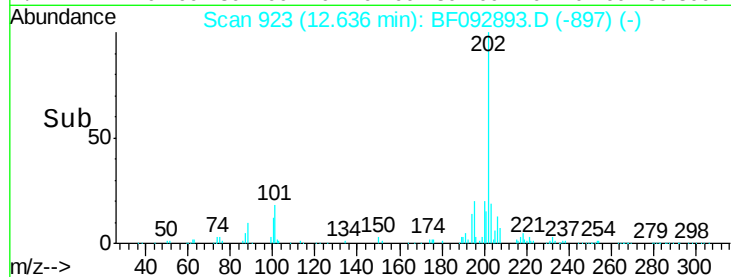
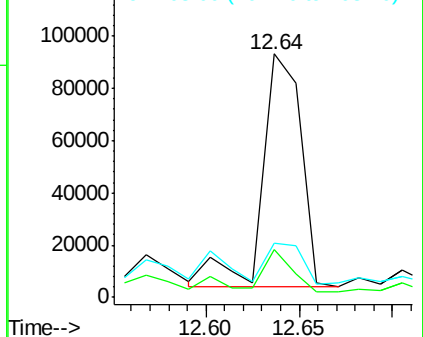
203 22.2 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

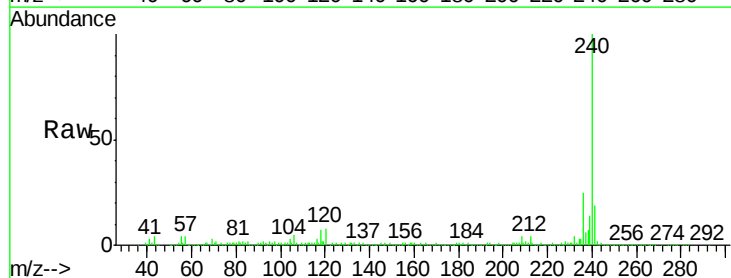
Tgt Ion:240 Resp: 468036

Ion Ratio Lower Upper

240 100

120 8.2 12.9 19.3#

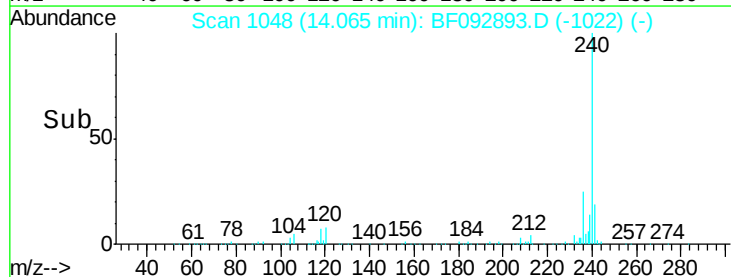
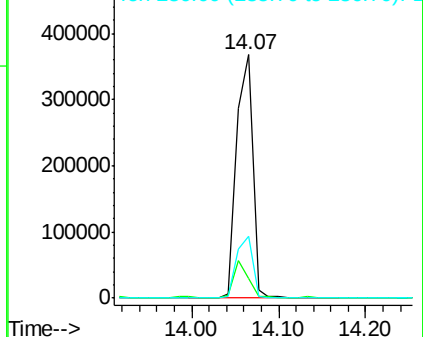
236 25.5 20.9 31.3

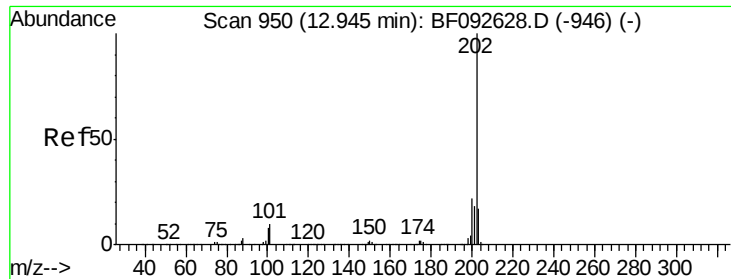


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 5.83 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

Instrument :

BNA_F

ClientSampleId :

MW-6

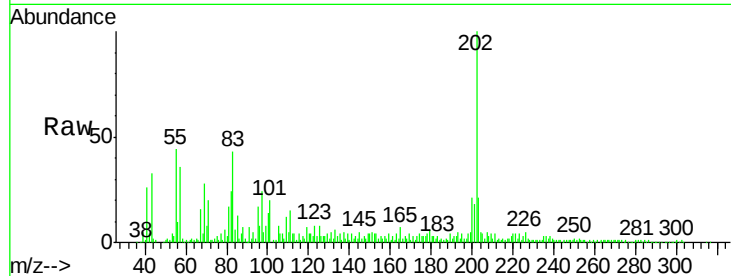
Tgt Ion:202 Resp: 204260

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

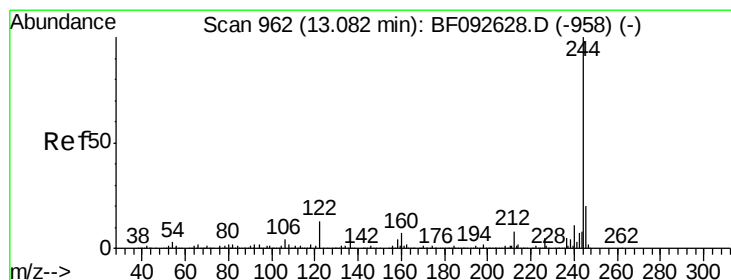
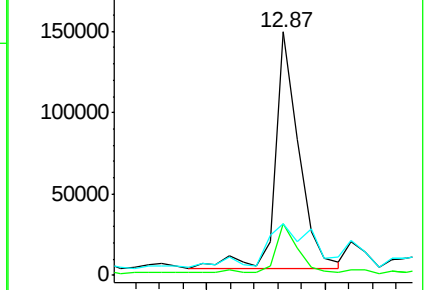
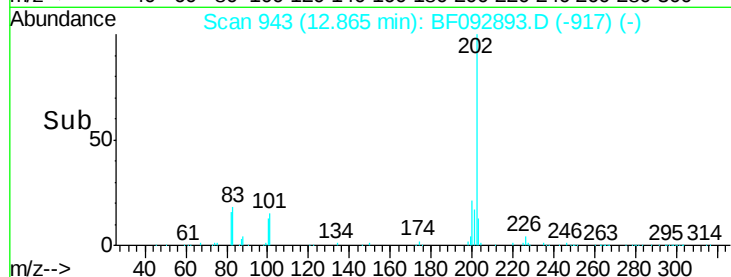
203 21.2 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.72 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF092893.D

Acq: 10 Feb 2017 19:55

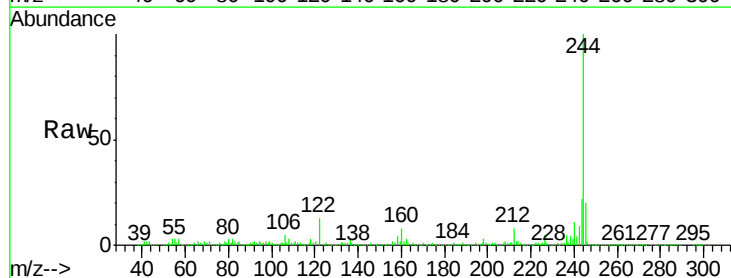
Tgt Ion:244 Resp: 1348857

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

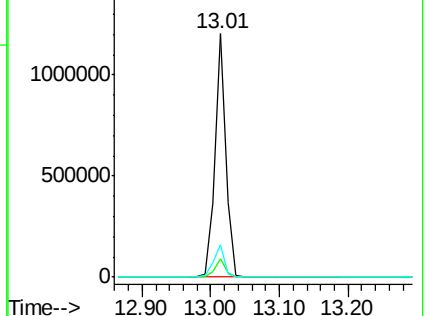
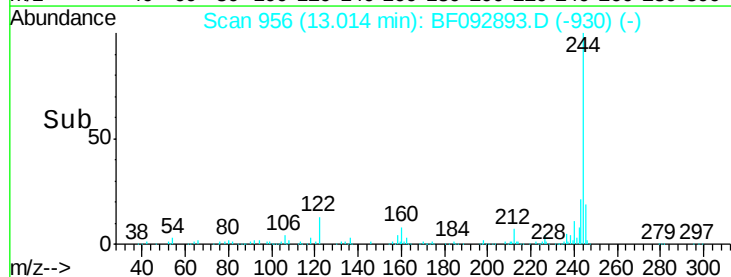
122 13.3 11.4 17.2

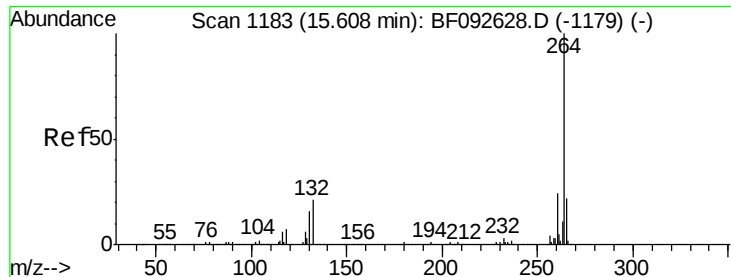


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

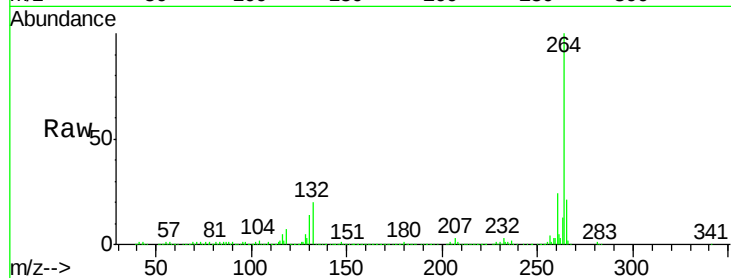




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092893.D
Acq: 10 Feb 2017 19:55

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 264 Resp: 351980
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

