

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091091.D
 Acq On : 8 Nov 2016 19:28
 Operator : UM/SJ
 Sample : H5581-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Quant Time: Nov 09 02:26:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172852	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	718066	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	372819	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	582584	20.00	ng	0.00
75) Chrysene-d12	13.80	240	455896	20.00	ng	-0.01
86) Perylene-d12	15.19	264	317641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	700357	66.92	ng	0.01
7) Phenol-d6	6.32	99	585133	41.19	ng	0.00
23) Nitrobenzene-d5	7.23	82	1186058	90.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	458639	136.07	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1864599	86.10	ng	-0.01
78) Terphenyl-d14	12.76	244	2000429	109.50	ng	0.00

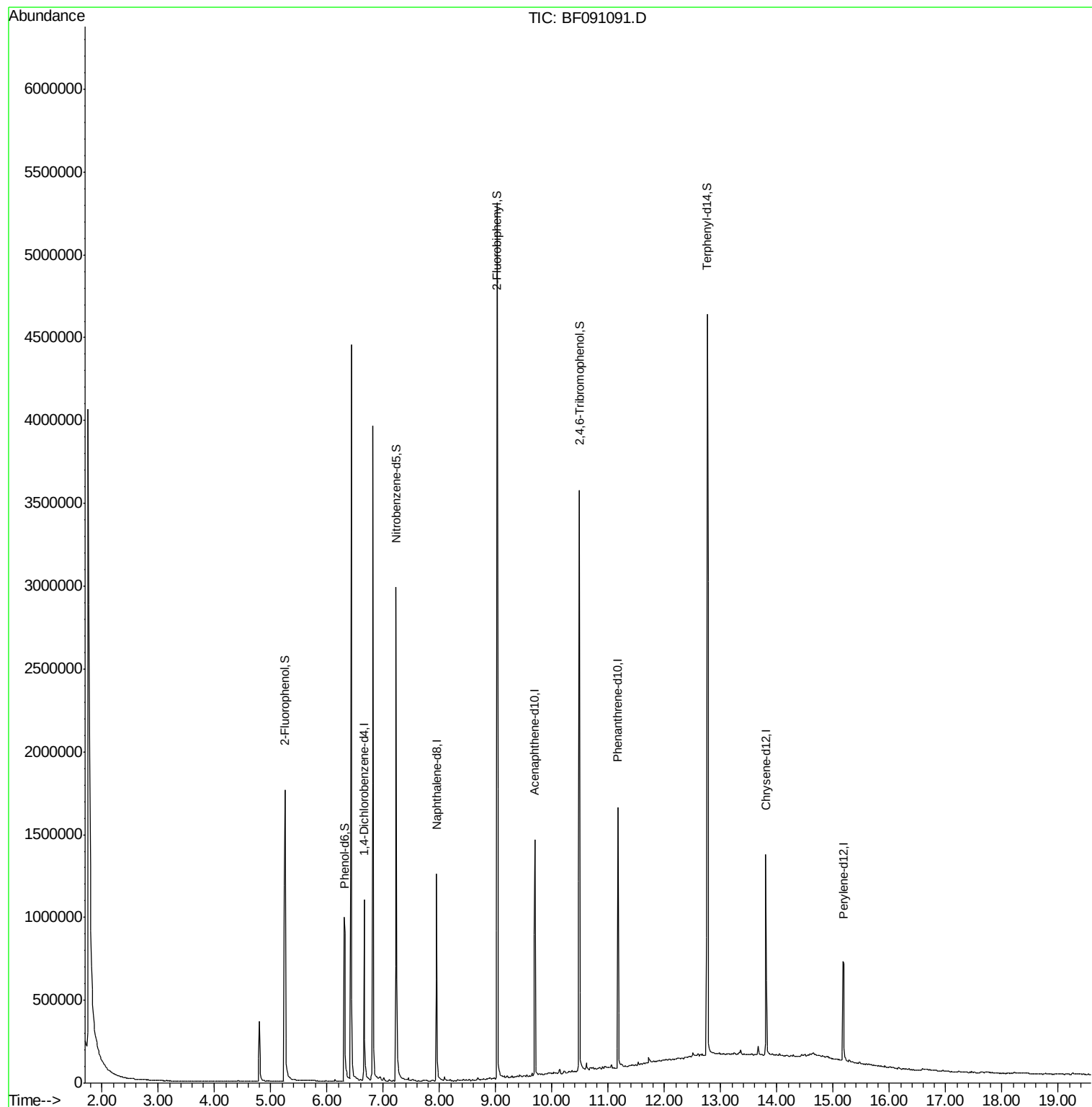
Target Compounds Qvalue

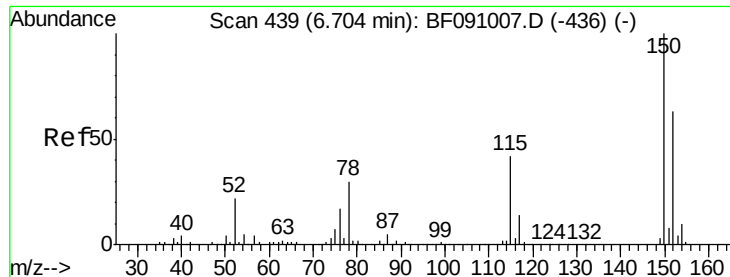
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 08 12:59:29 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091091.D

Acq: 8 Nov 2016 19:28

Instrument :

BNA_F

ClientSampled :

MW3

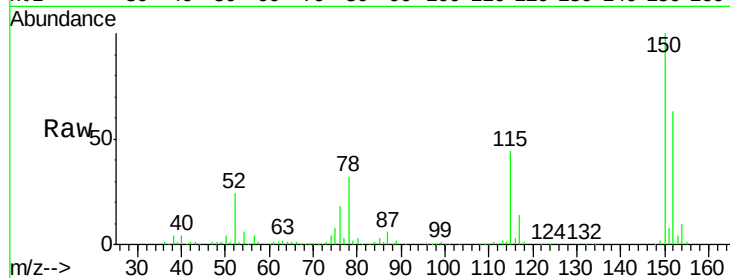
Tot Ion:152 Resp: 172852

Ion Ratio Lower Upper

152 100

150 158.6 126.8 190.2

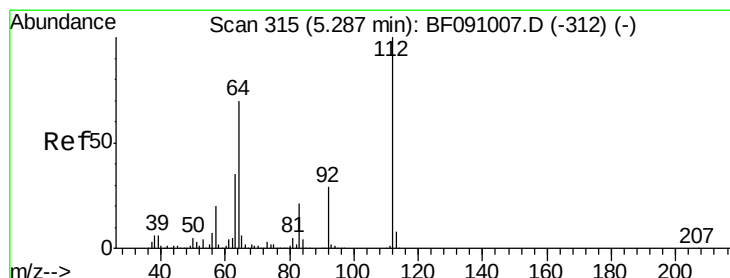
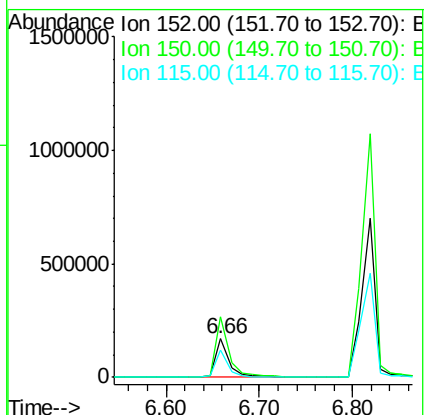
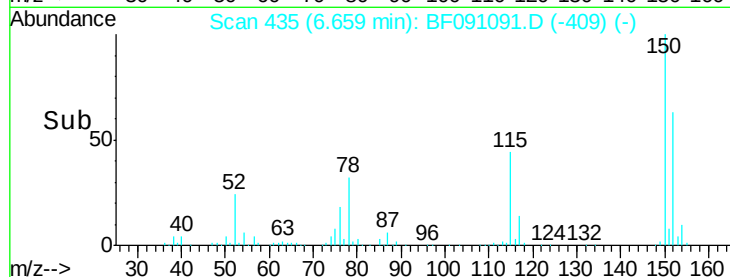
115 69.6 53.3 79.9



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: 66.92 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091091.D

Acq: 8 Nov 2016 19:28

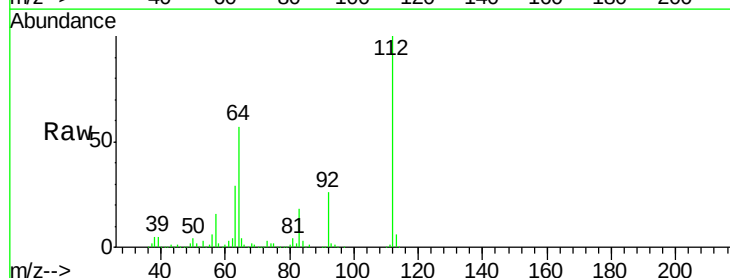
Tgt Ion:112 Resp: 700357

Ion Ratio Lower Upper

112 100

64 56.8 55.8 83.6

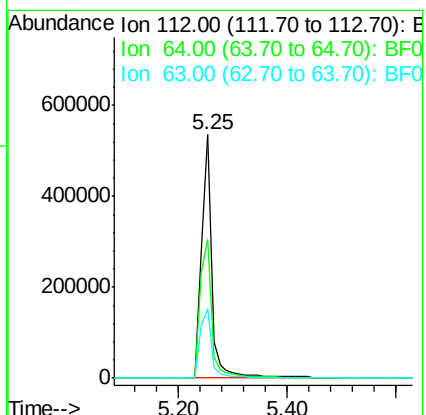
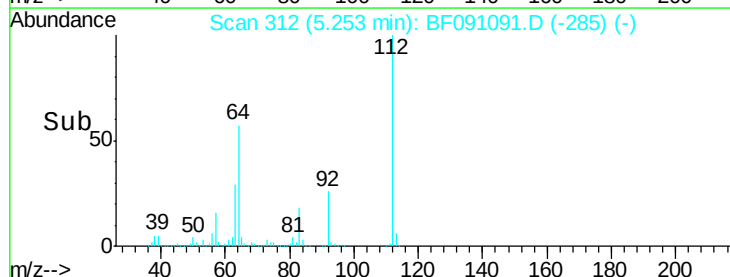
63 28.7 28.0 42.0

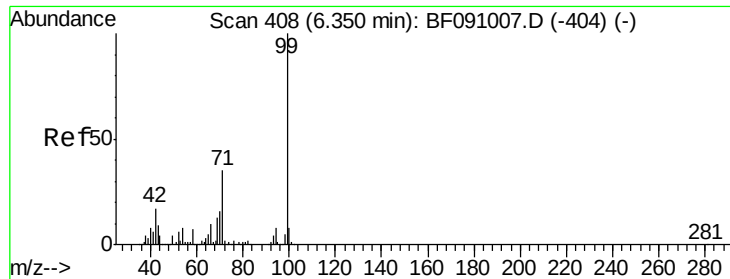


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.19 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091091.D

Acq: 8 Nov 2016 19:28

Instrument :

BNA_F

ClientSampleId :

MW3

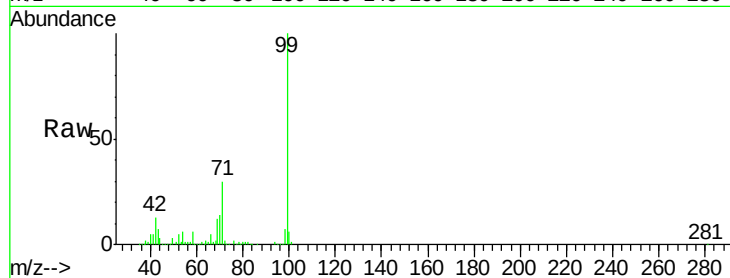
Tot Ion: 99 Resp: 585133

Ion Ratio Lower Upper

99 100

42 13.1 13.9 20.9#

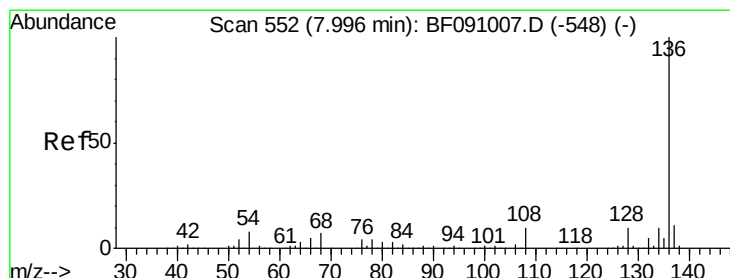
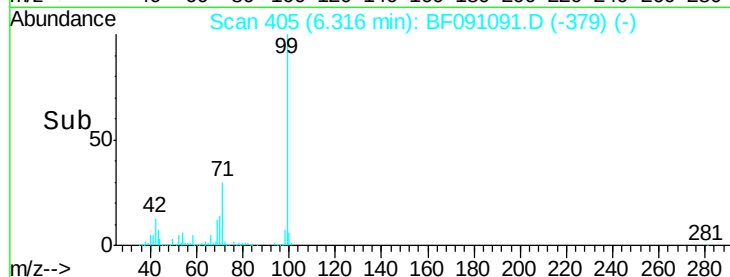
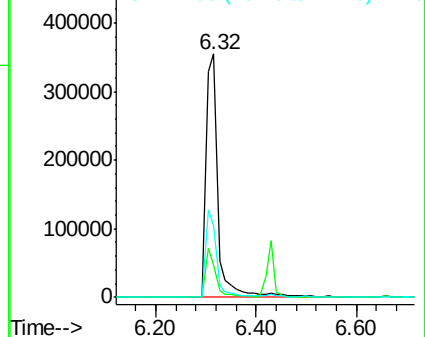
71 29.8 27.8 41.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF091091.D

Acq: 8 Nov 2016 19:28

Tgt Ion: 136 Resp: 718066

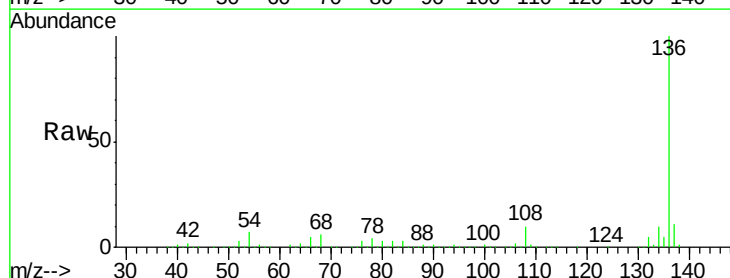
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.2 9.2

68 6.0 5.5 8.3

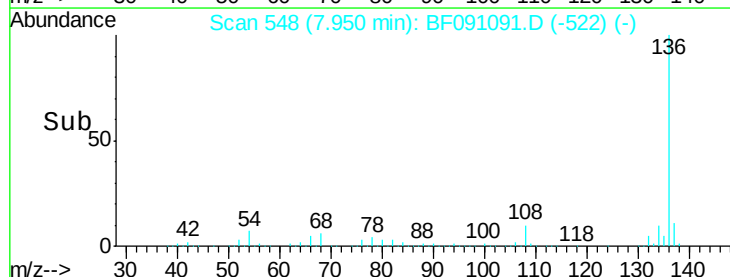
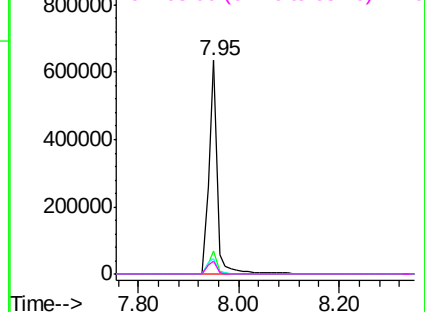


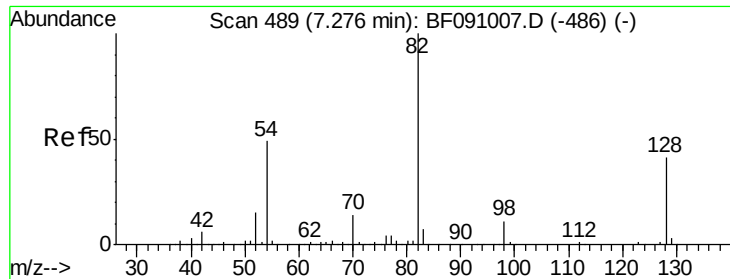
Abundance Ion 136.00 (135.70 to 136.70): E

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

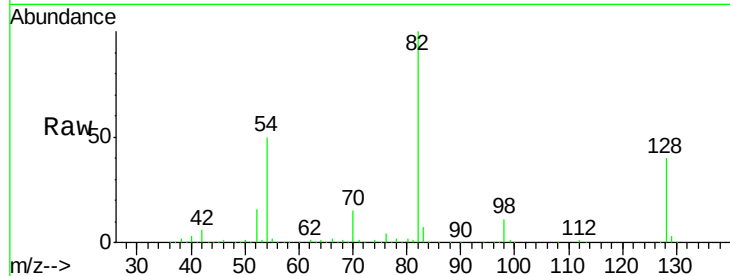




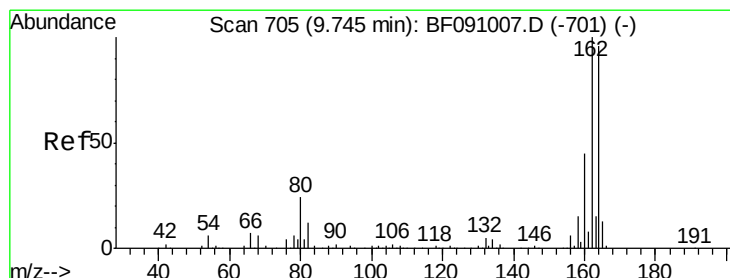
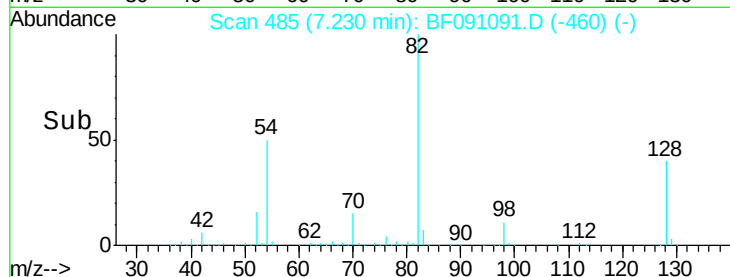
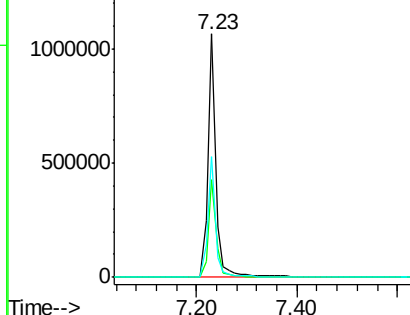
#23
Nitrobenzene-d5
Concen: 90.10 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Instrument :
BNA_F
ClientSampled :
MW3

Tot Ion: 82 Resp: 1186058
Ion Ratio Lower Upper
82 100
128 39.9 32.4 48.6
54 49.6 39.2 58.8

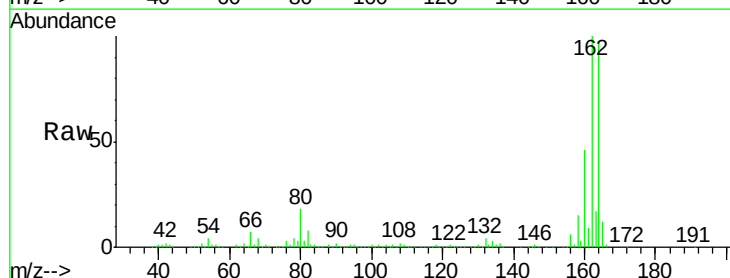


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

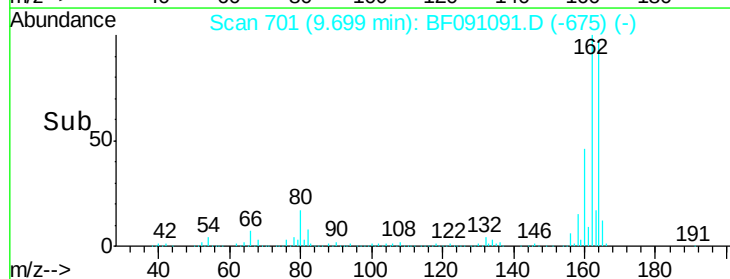
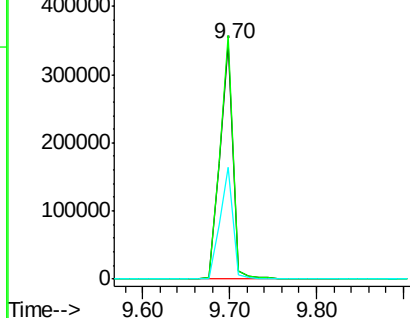


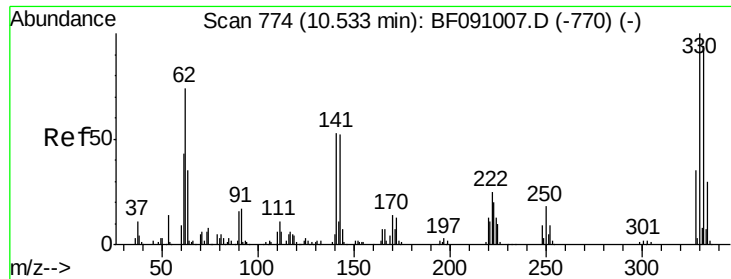
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091091.D
Acq: 8 Nov 2016 19:28

Tgt Ion:164 Resp: 372819
Ion Ratio Lower Upper
164 100
162 103.4 83.6 125.4
160 47.3 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

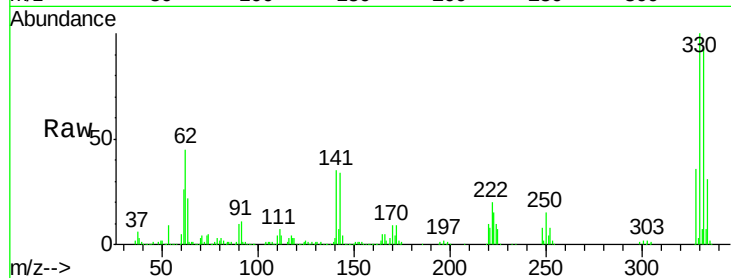




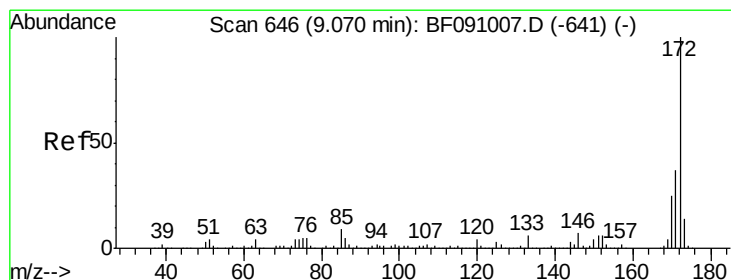
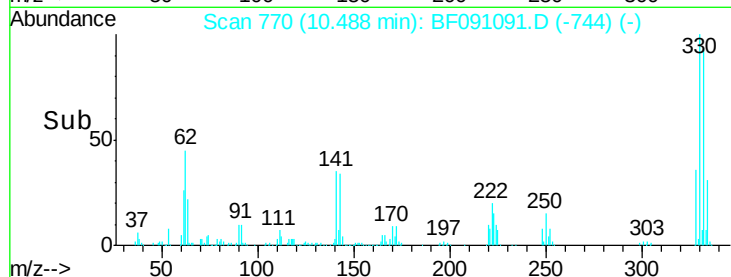
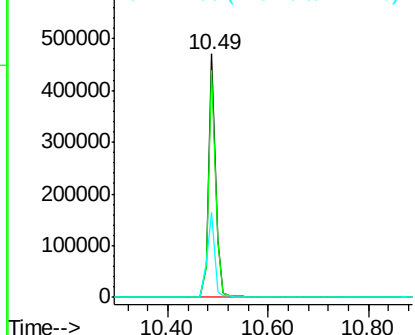
#41
 2,4,6-Tribromophenol
 Concen: 136.07 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091091.D
 Acq: 8 Nov 2016 19:28

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tot Ion:330 Resp: 458639
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.9 113.9
 141 37.8 36.1 54.1

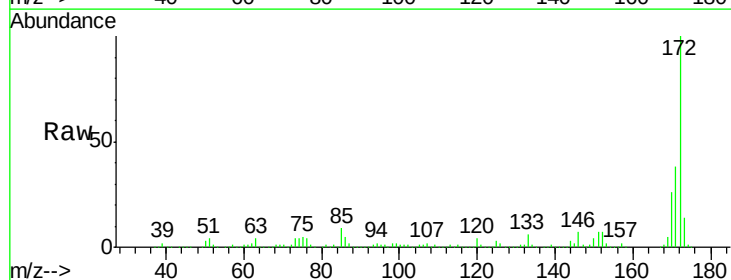


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

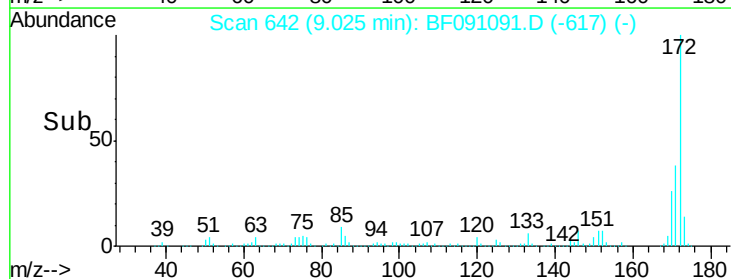
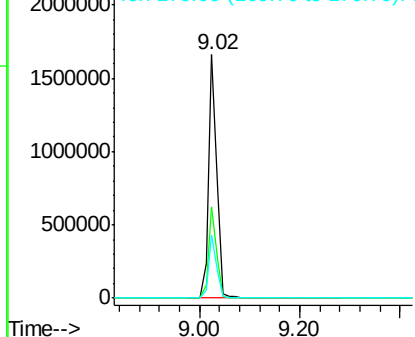


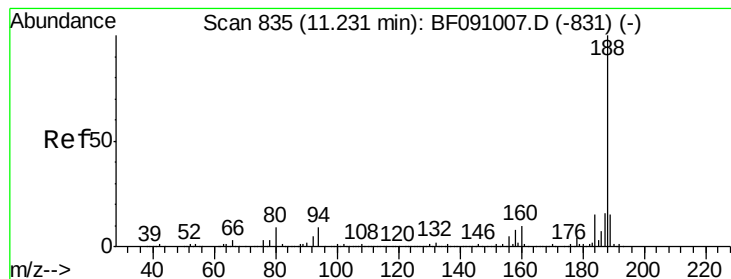
#44
 2-Fluorobiphenyl
 Concen: 86.10 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091091.D
 Acq: 8 Nov 2016 19:28

Tgt Ion:172 Resp: 1864599
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.9 20.3 30.5



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091091.D

Acq: 8 Nov 2016 19:28

Instrument :

BNA_F

ClientSampleId :

MW3

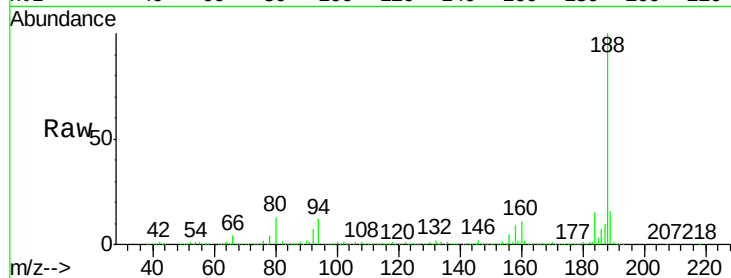
Tot Ion:188 Resp: 582584

Ion Ratio Lower Upper

188 100

94 12.0 7.0 10.4#

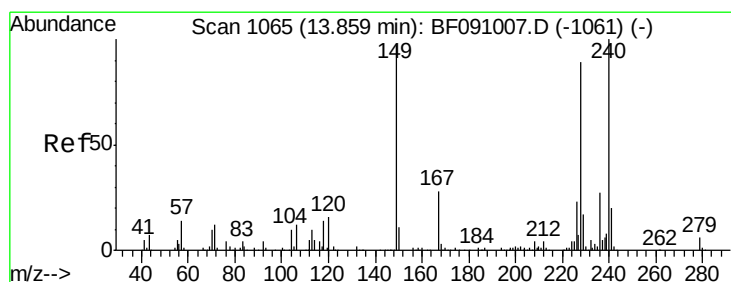
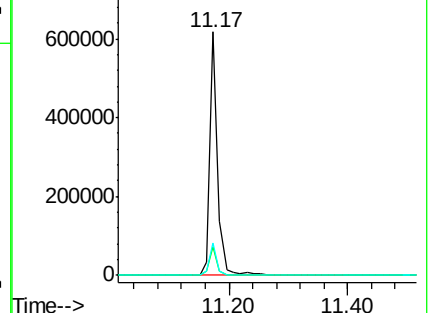
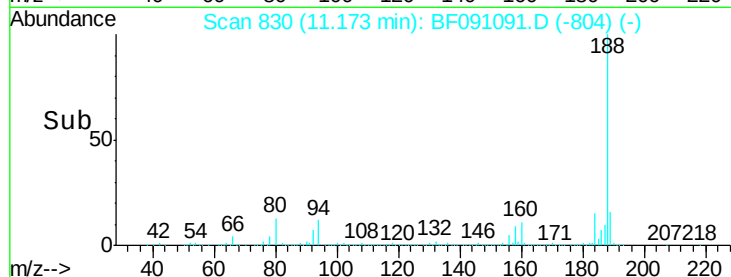
80 13.5 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091091.D

Acq: 8 Nov 2016 19:28

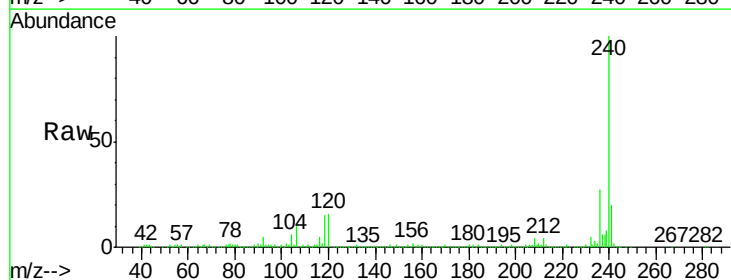
Tgt Ion:240 Resp: 455896

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

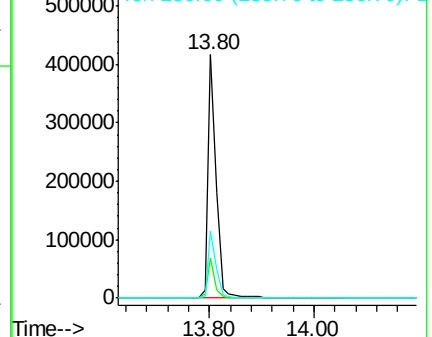
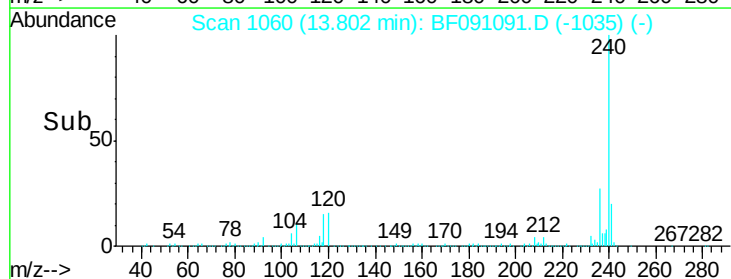
236 27.4 21.9 32.9

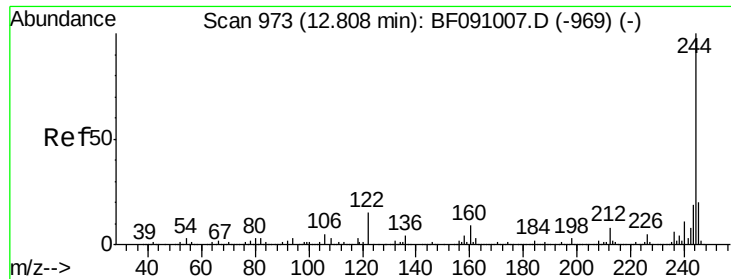


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 109.50 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091091.D

Acq: 8 Nov 2016 19:28

Instrument :

BNA_F

ClientSampleId :

MW3

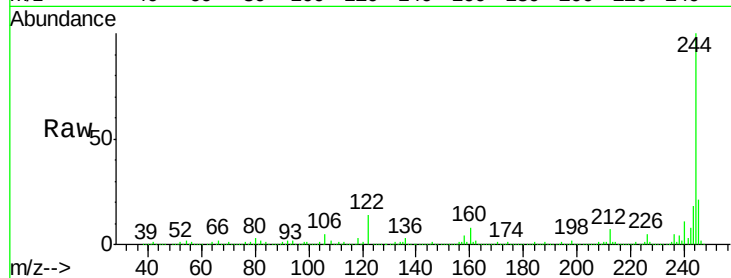
Tot Ion:244 Resp: 2000429

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

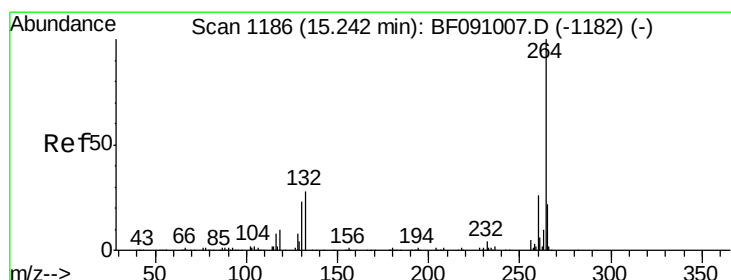
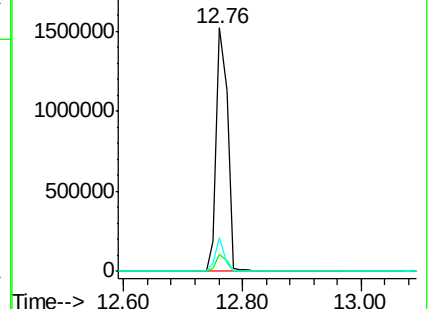
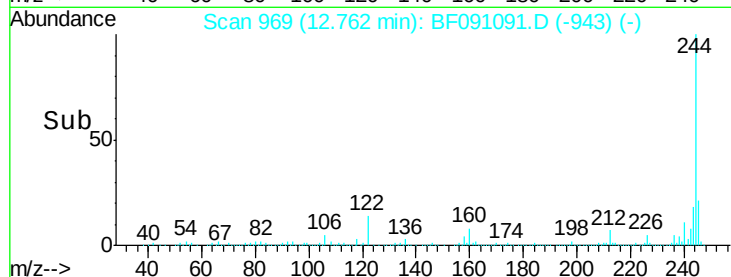
122 13.7 12.3 18.5



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: 15.19 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF091091.D

Acq: 8 Nov 2016 19:28

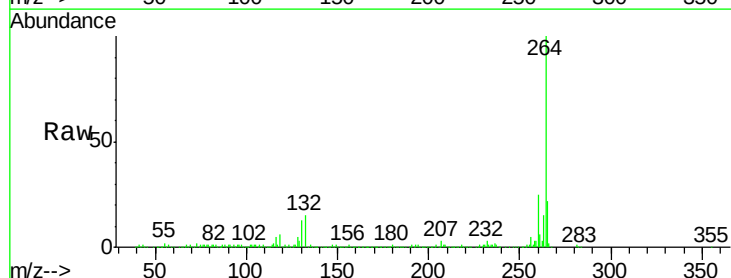
Tgt Ion:264 Resp: 317641

Ion Ratio Lower Upper

264 100

260 25.5 20.6 30.8

265 22.1 17.8 26.8



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

