

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091391.D
 Acq On : 2 Dec 2016 16:11
 Operator : UM/SJ
 Sample : PB95000BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Quant Time: Dec 02 22:51:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	212628	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	781833	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	509963	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	875644	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	858314	20.00	ng	-0.03
86) Perylene-d12	15.44	264	745198	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1149837	88.34	ng	0.00
7) Phenol-d6	6.49	99	1672230	104.37	ng	0.00
23) Nitrobenzene-d5	7.42	82	878454	62.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	483263	100.10	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1873022	66.50	ng	-0.02
78) Terphenyl-d14	12.97	244	2157659	54.64	ng	-0.02

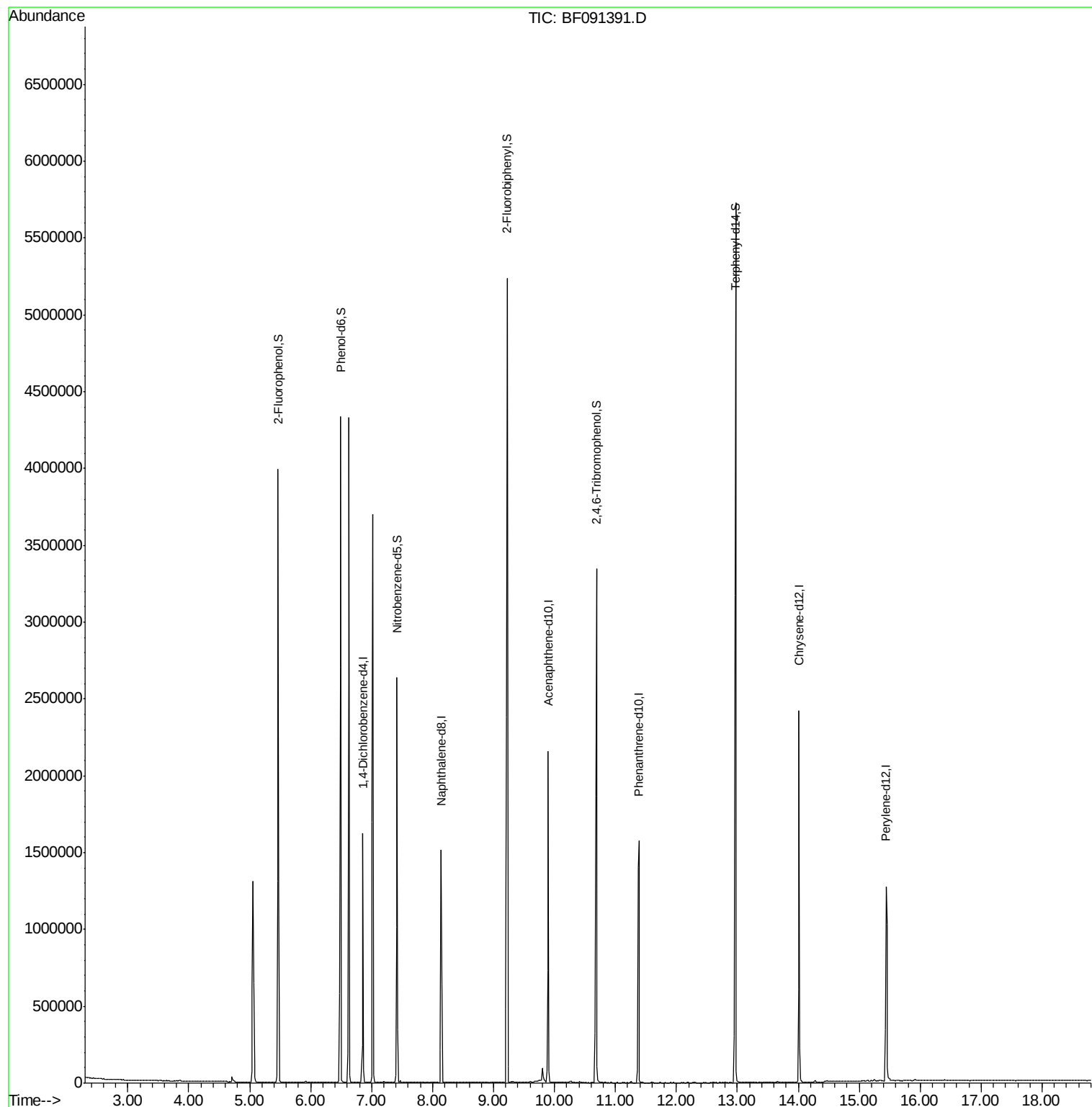
Target Compounds	Qvalue
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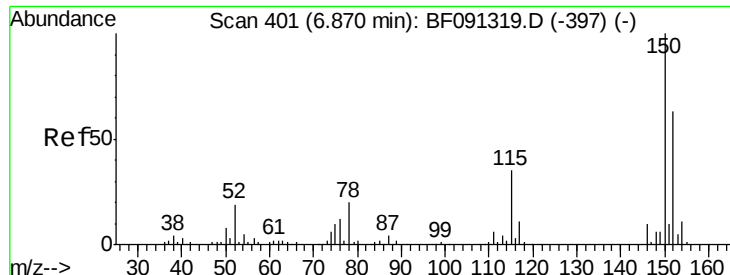
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB95000BL

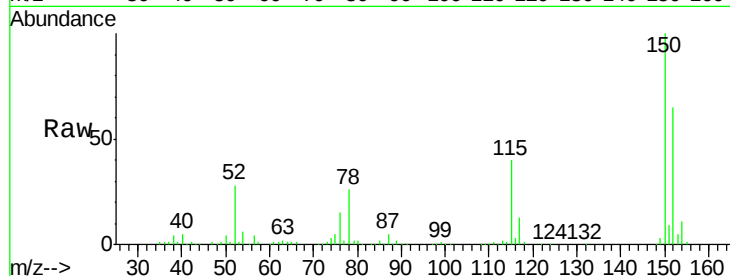
Tgt Ion:152 Resp: 212628

Ion Ratio Lower Upper

152 100

150 154.6 122.5 183.7

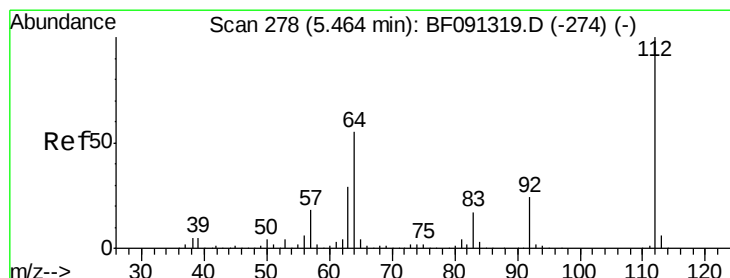
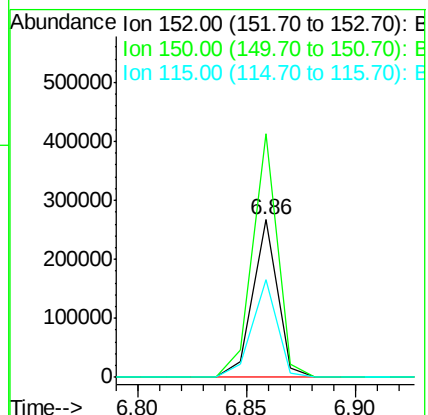
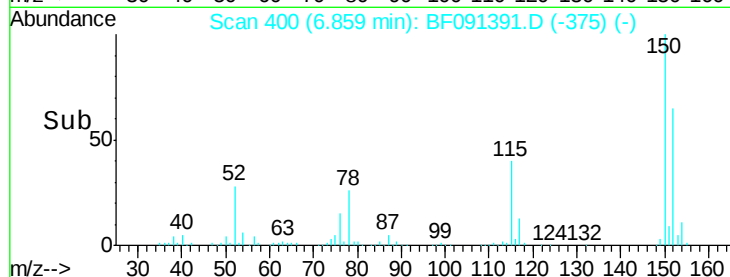
115 61.8 51.8 77.8



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: 88.34 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

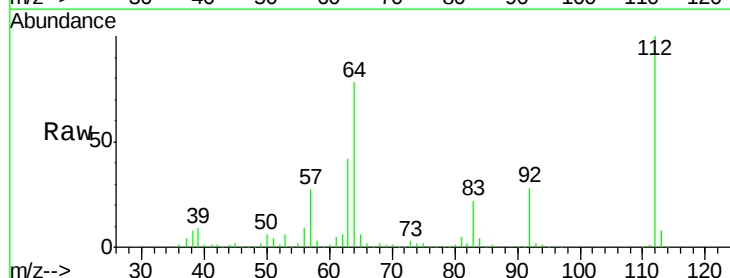
Tgt Ion:112 Resp: 1149837

Ion Ratio Lower Upper

112 100

64 78.0 61.5 92.3

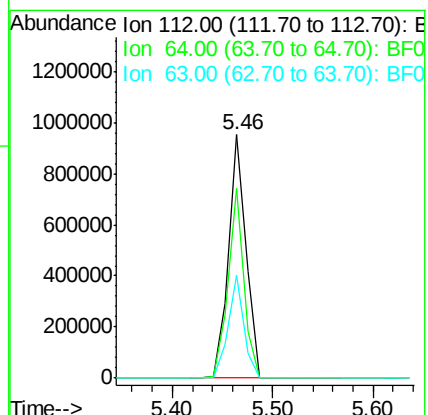
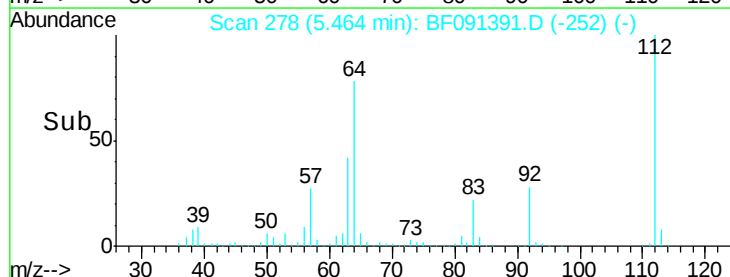
63 42.2 33.3 49.9

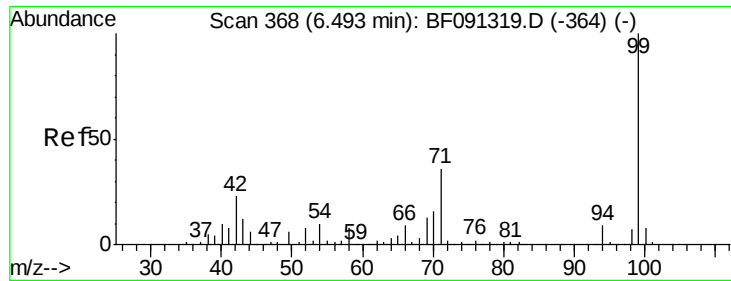


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.37 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB95000BL

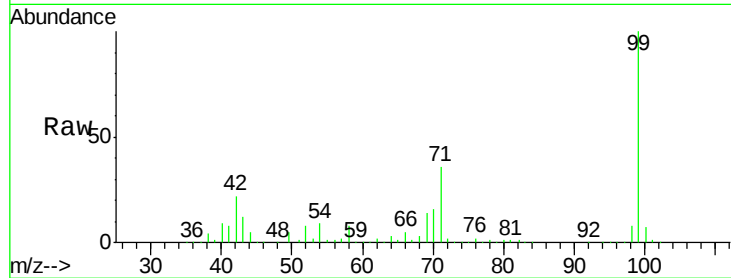
Tgt Ion: 99 Resp: 1672230

Ion Ratio Lower Upper

99 100

42 22.4 20.6 31.0

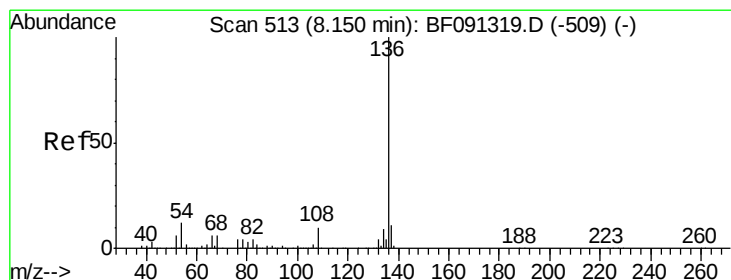
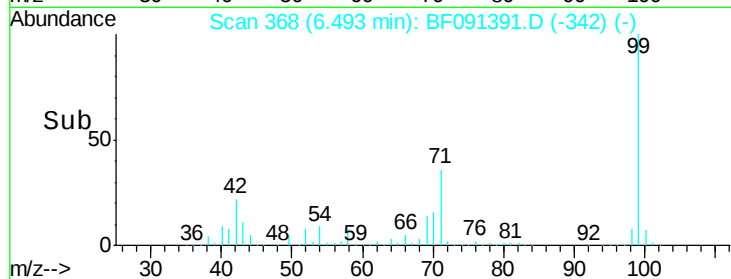
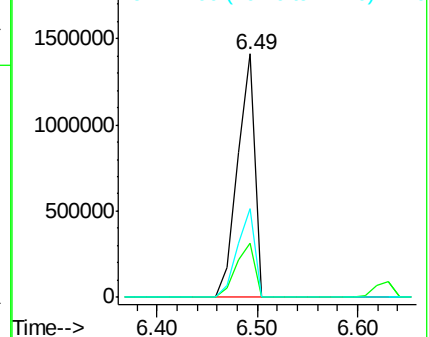
71 36.3 29.9 44.9



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: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

Tgt Ion: 136 Resp: 781833

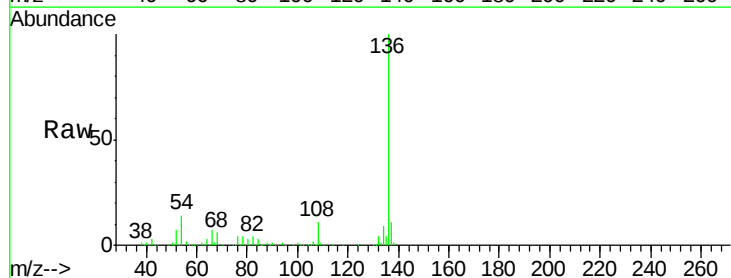
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 13.5 9.1 13.7

68 6.1 5.9 8.9

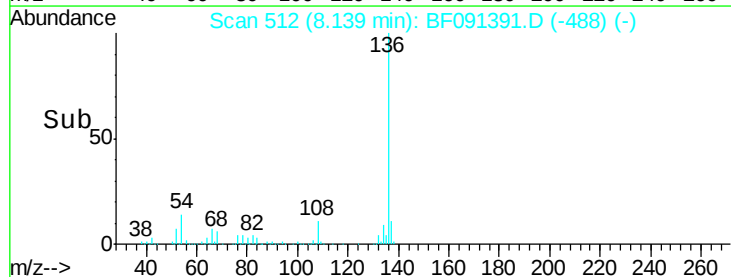
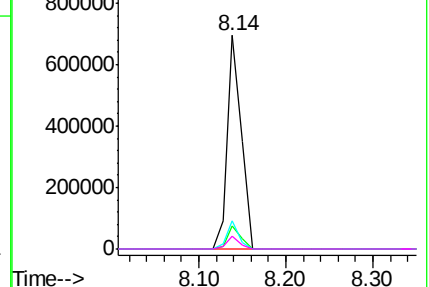


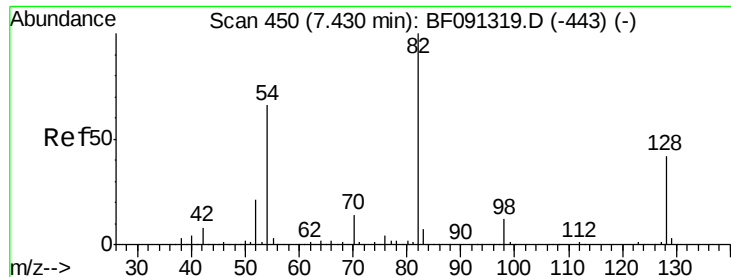
Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.97 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB95000BL

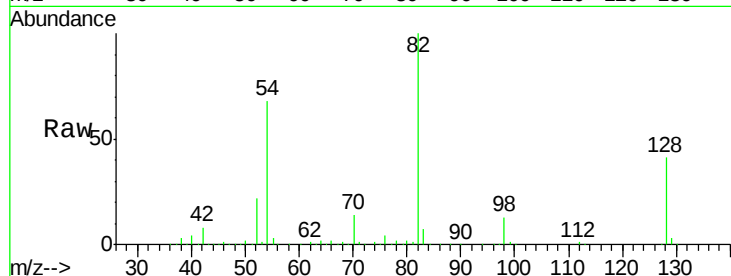
Tgt Ion: 82 Resp: 878454

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.6

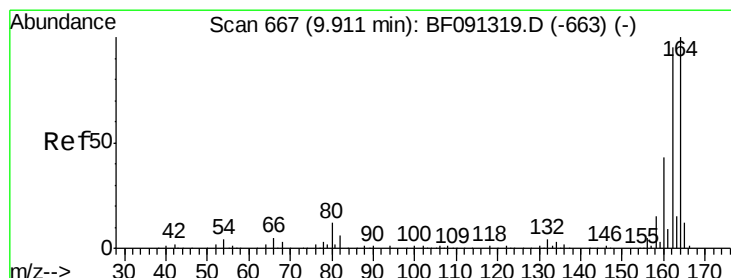
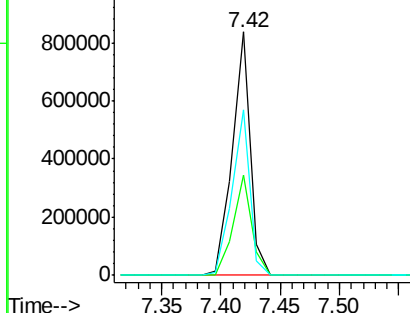
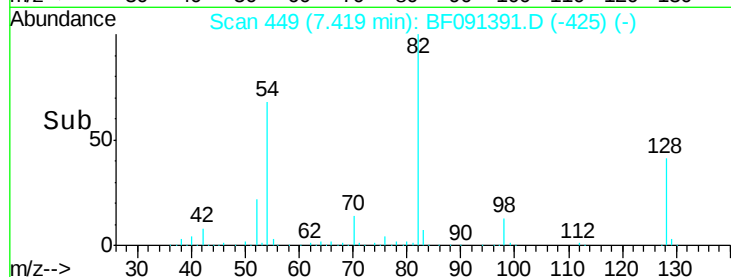
54 68.2 49.1 73.7



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: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

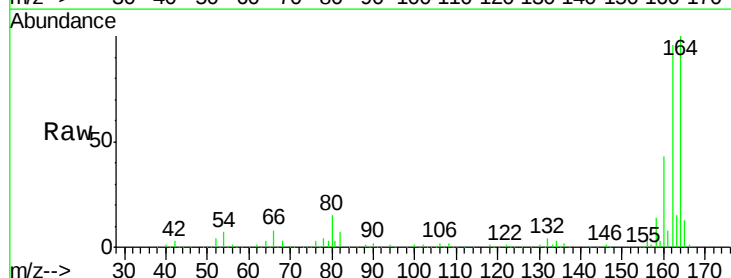
Tgt Ion: 164 Resp: 509963

Ion Ratio Lower Upper

164 100

162 96.1 82.6 124.0

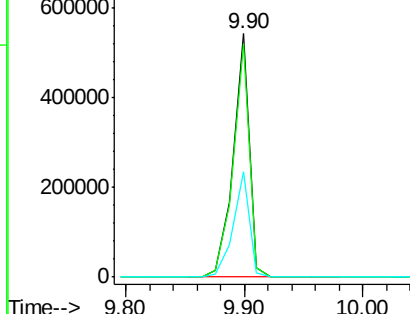
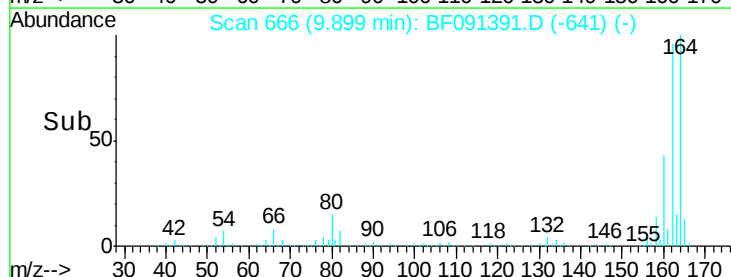
160 43.4 36.7 55.1

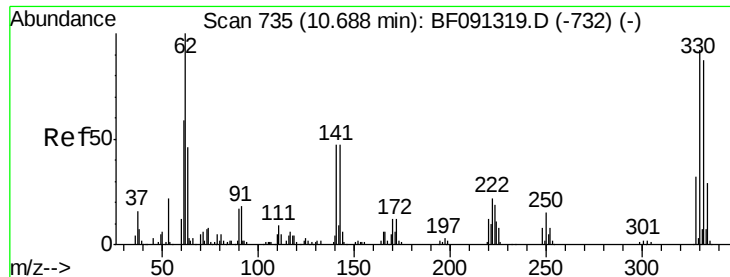


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

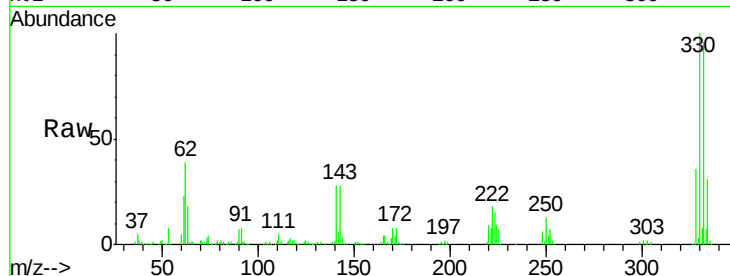




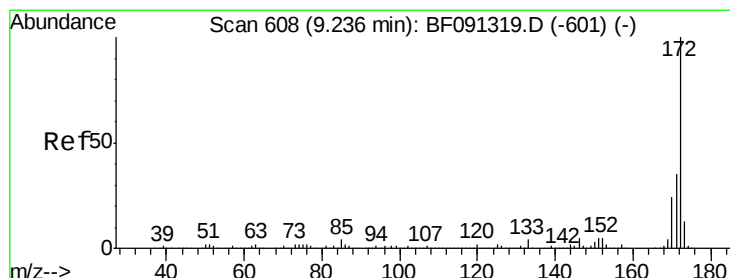
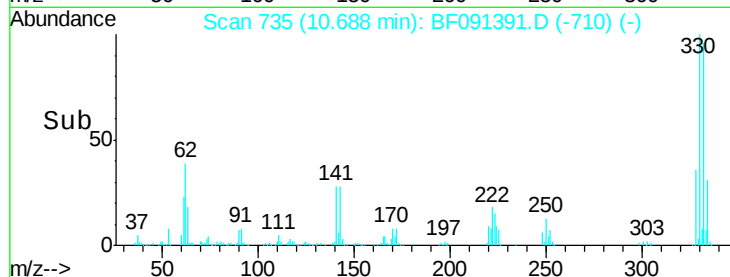
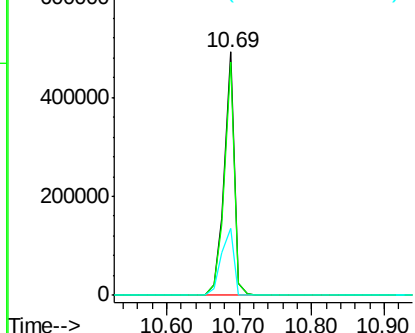
#41
 2,4,6-Tribromophenol
 Concen: 100.10 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Tgt Ion:330 Resp: 483263
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 34.2 33.6 50.4

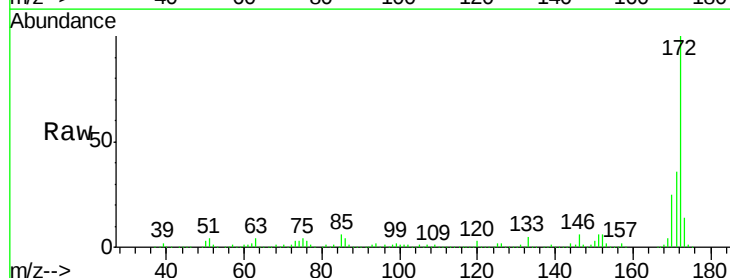


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

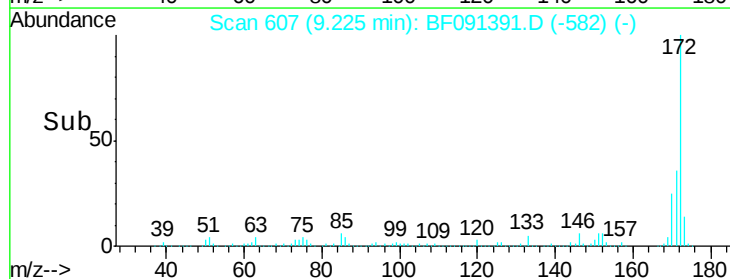
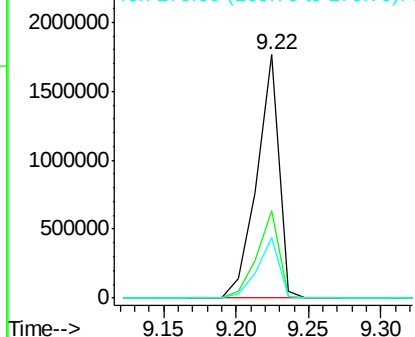


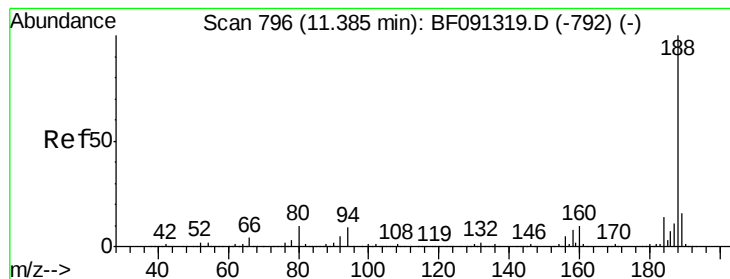
#44
 2-Fluorobiphenyl
 Concen: 66.50 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Tgt Ion:172 Resp: 1873022
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.7 19.7 29.5



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: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB95000BL

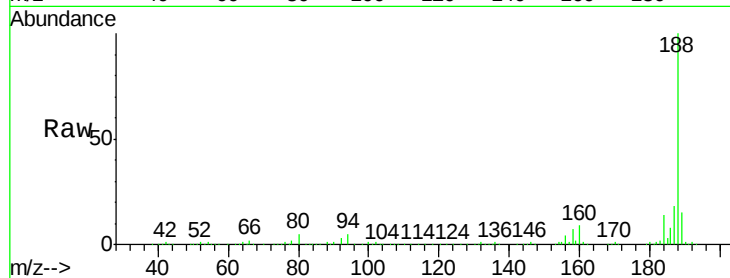
Tgt Ion:188 Resp: 875644

Ion Ratio Lower Upper

188 100

94 5.0 9.2 13.8#

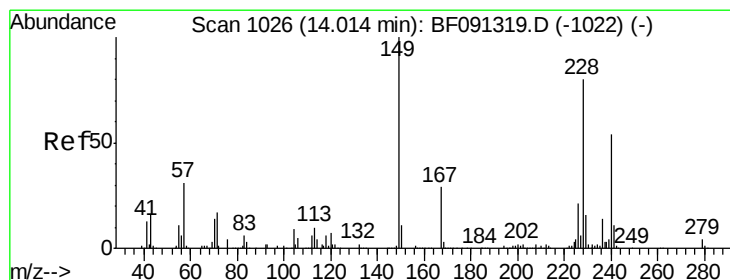
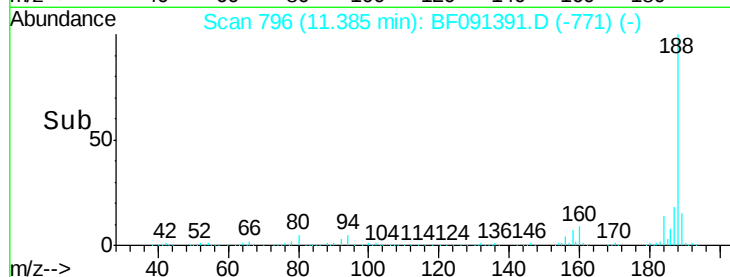
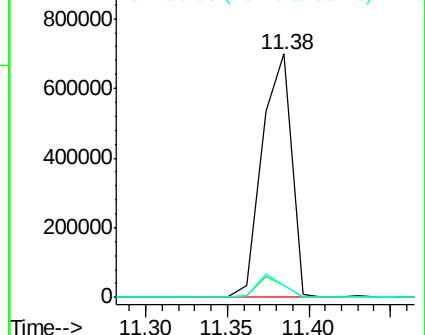
80 5.0 10.5 15.7#



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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091391.D

Acq: 2 Dec 2016 16:11

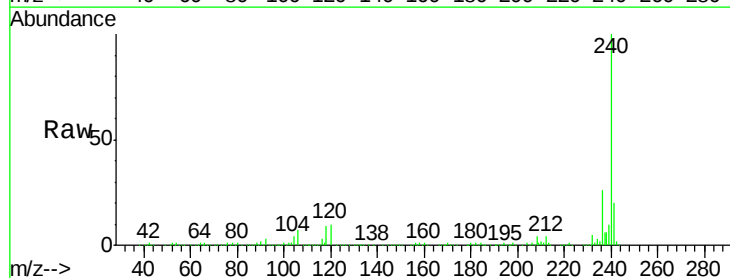
Tgt Ion:240 Resp: 858314

Ion Ratio Lower Upper

240 100

120 9.6 12.1 18.1#

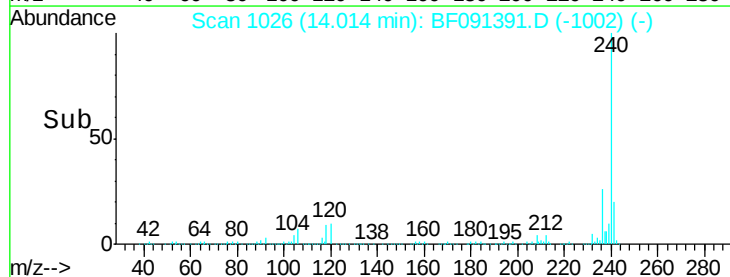
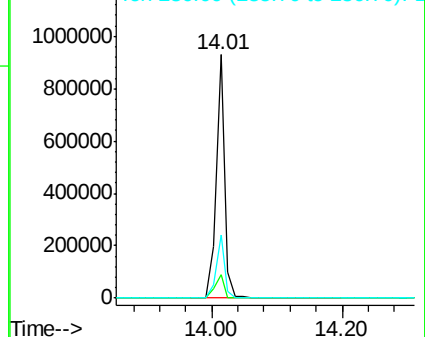
236 26.1 21.0 31.6



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

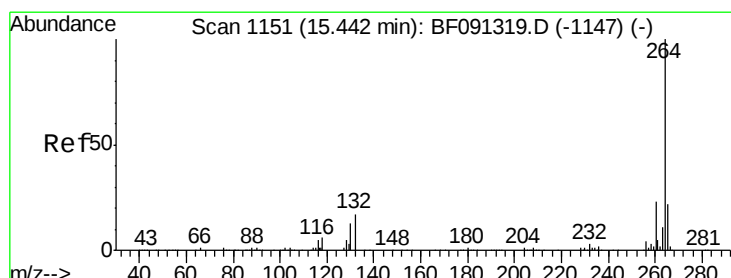
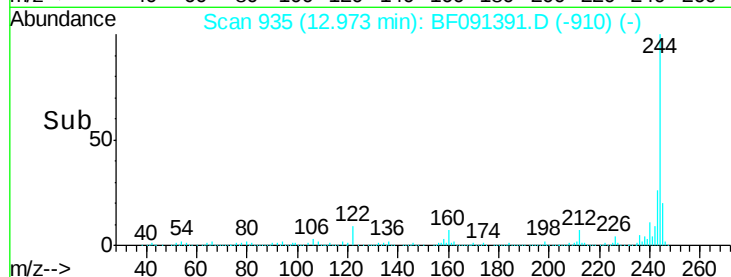
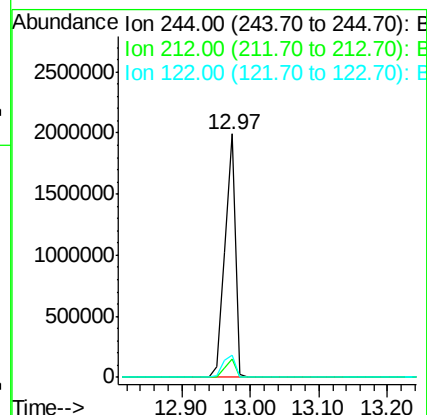
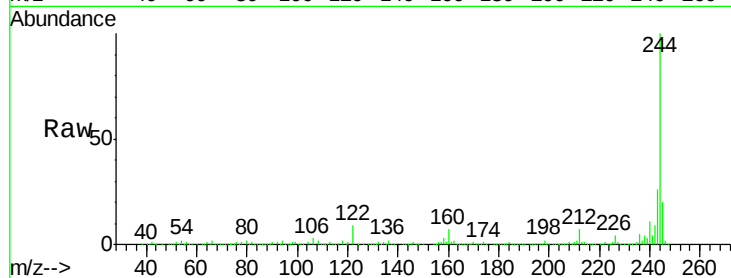




#78
 Terphenyl-d14
 Concen: 54.64 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BL

Tgt Ion:244 Resp: 2157659
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.9 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091391.D
 Acq: 2 Dec 2016 16:11

Tgt Ion:264 Resp: 745198
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.7 17.0 25.6

