

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091402.D
 Acq On : 2 Dec 2016 21:15
 Operator : UM/SJ
 Sample : H5820-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Dec 02 23:25:47 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	217321	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	799293	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	511711	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	833069	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	689697	20.00	ng	-0.03
86) Perylene-d12	15.44	264	515349	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	746720	56.13	ng	-0.02
7) Phenol-d6	6.48	99	646896	39.50	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1058778	74.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	495506	102.28	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1980252	70.07	ng	-0.02
78) Terphenyl-d14	12.97	244	1774367	55.92	ng	-0.02

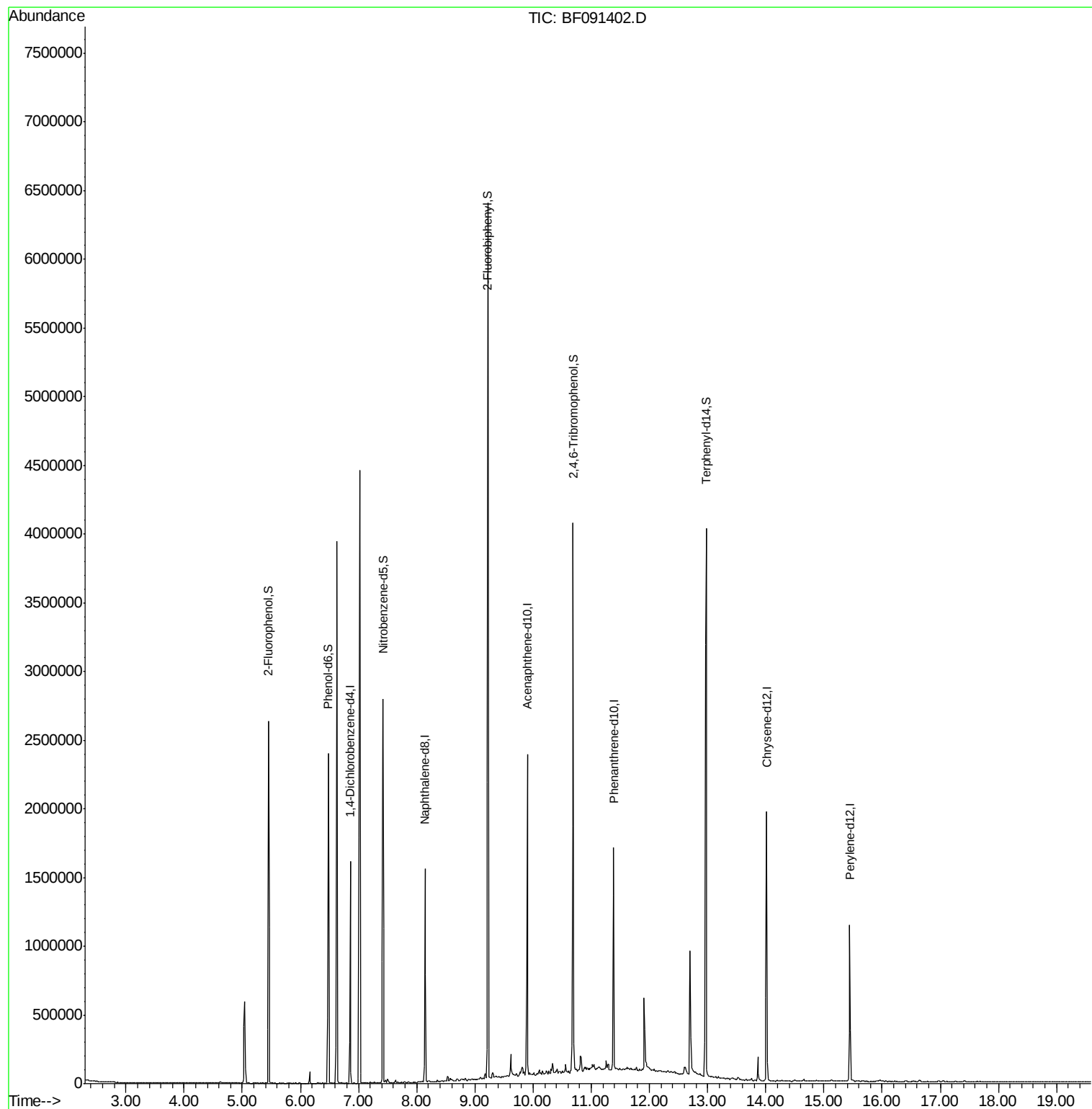
Target Compounds	Qvalue
------------------	--------

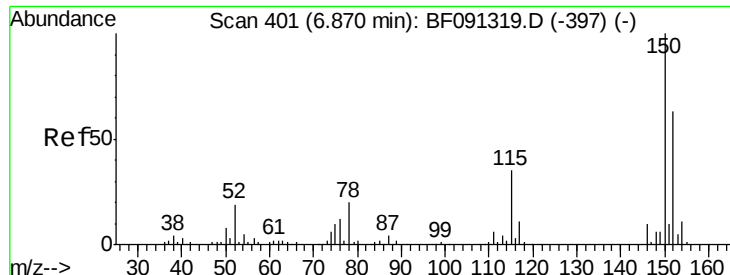
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091402.D
Acq On : 2 Dec 2016 21:15
Operator : UM/SJ
Sample : H5820-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Dec 02 23:25:47 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

Instrument :

BNA_F

ClientSampleId :

MW-1

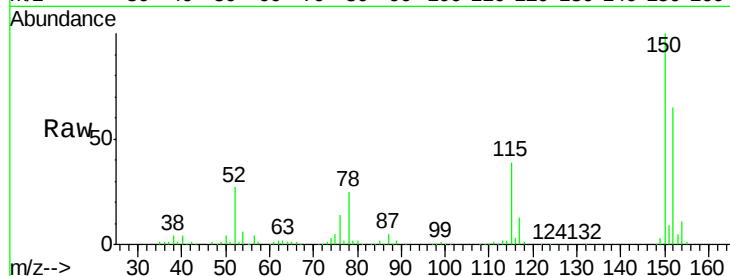
Tgt Ion:152 Resp: 217321

Ion Ratio Lower Upper

152 100

150 154.9 122.5 183.7

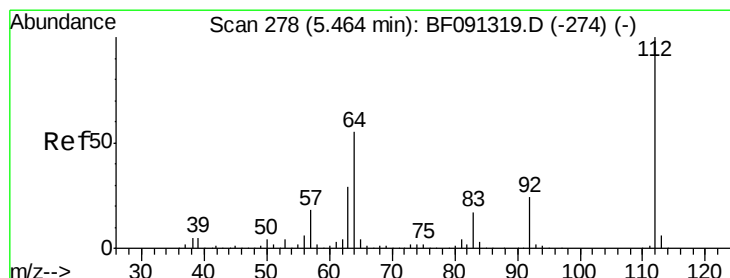
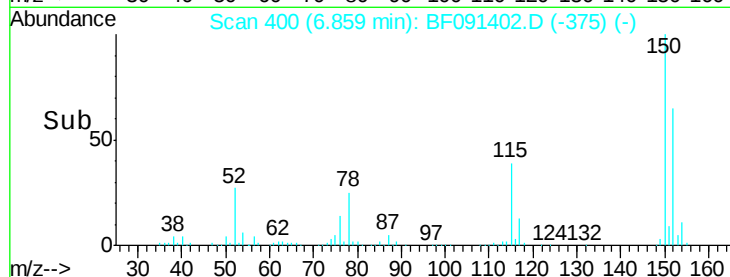
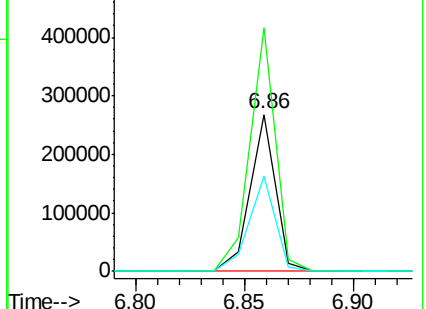
115 60.3 51.8 77.8



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: 56.13 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

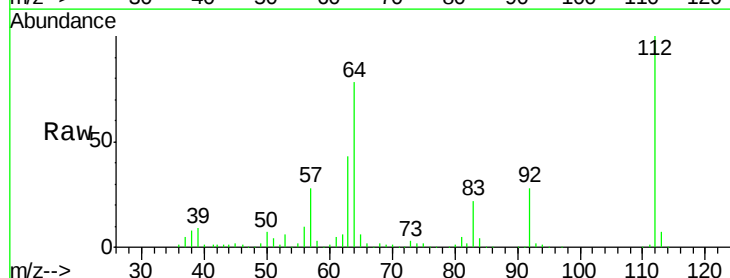
Tgt Ion:112 Resp: 746720

Ion Ratio Lower Upper

112 100

64 78.3 61.5 92.3

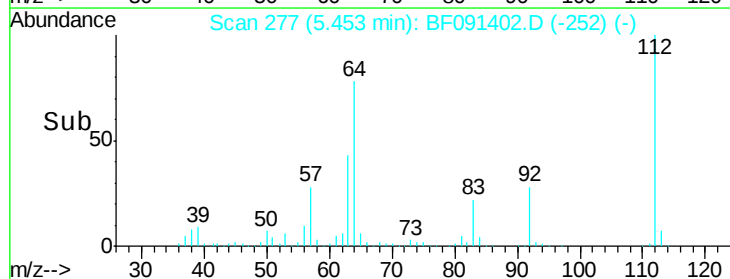
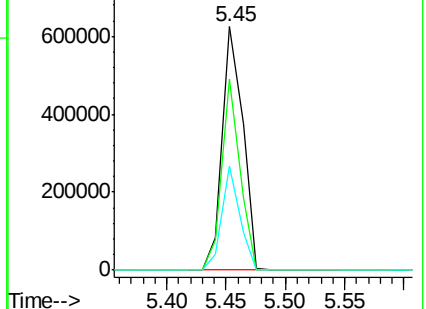
63 42.6 33.3 49.9



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: 39.50 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091402.D

Acq: 2 Dec 2016 21:15

Instrument :

BNA_F

ClientSampled :

MW-1

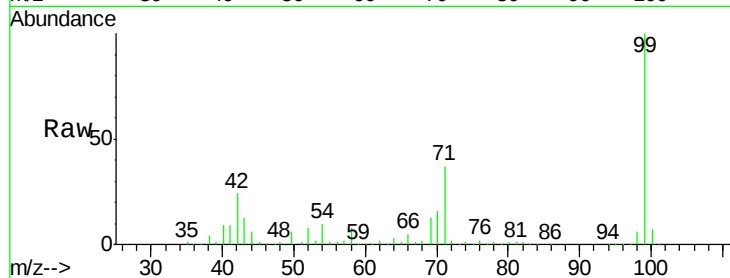
Tgt Ion: 99 Resp: 646896

Ion Ratio Lower Upper

99 100

42 24.2 20.6 31.0

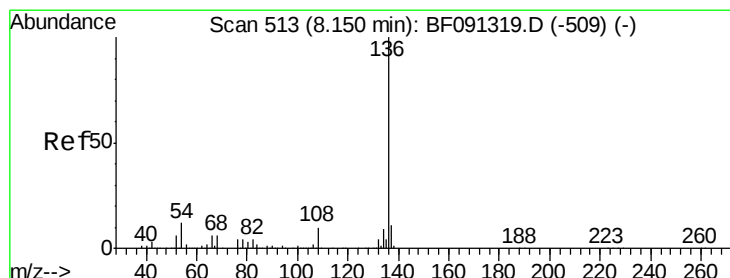
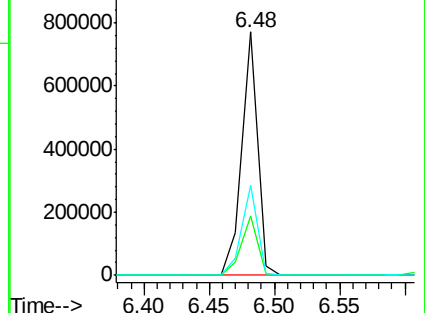
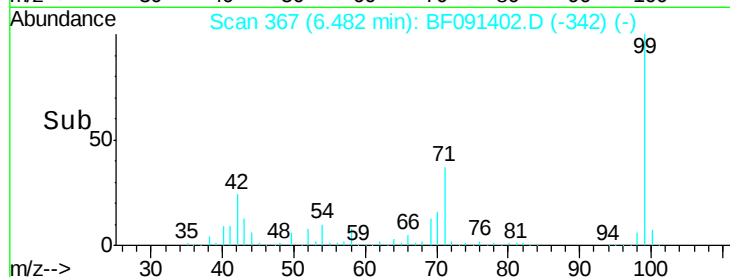
71 37.0 29.9 44.9



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: BF091402.D

Acq: 2 Dec 2016 21:15

Tgt Ion: 136 Resp: 799293

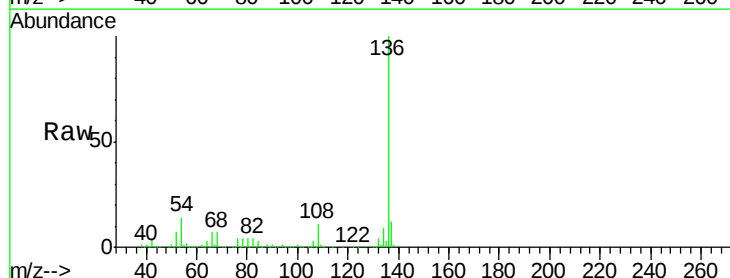
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 14.5 9.1 13.7#

68 6.6 5.9 8.9

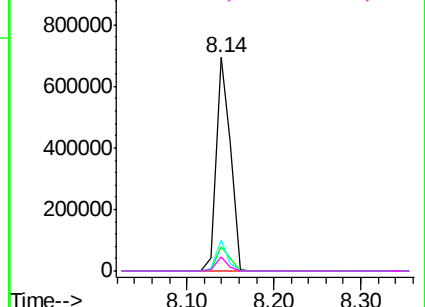
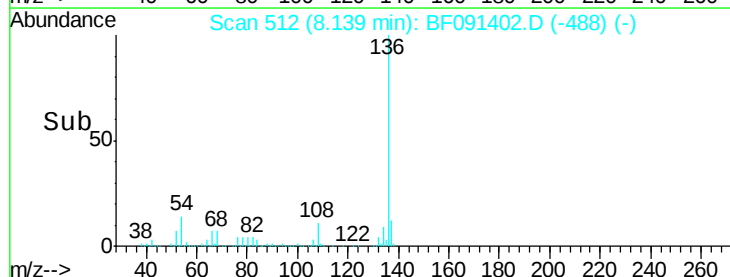


Abundance Ion 136.00 (135.70 to 136.70): E

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

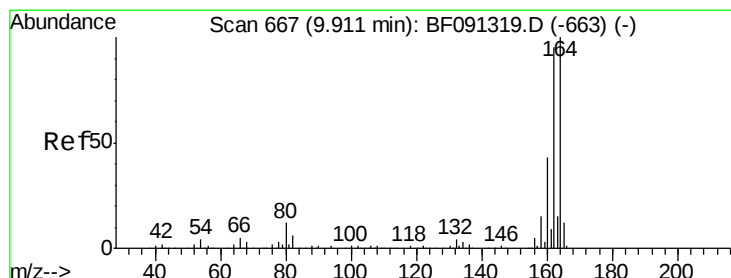
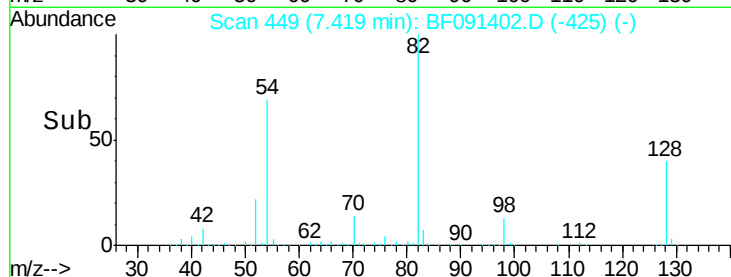
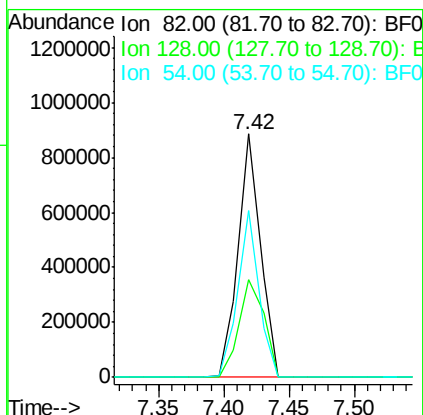
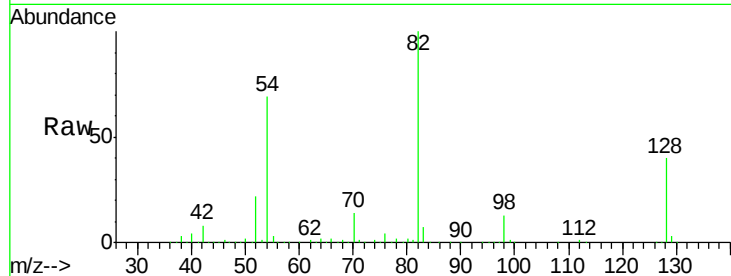




#23
Nitrobenzene-d5
Concen: 74.23 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

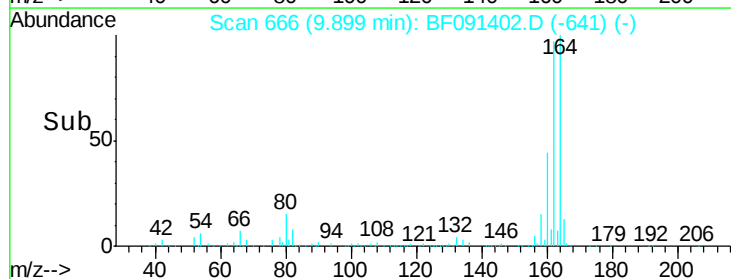
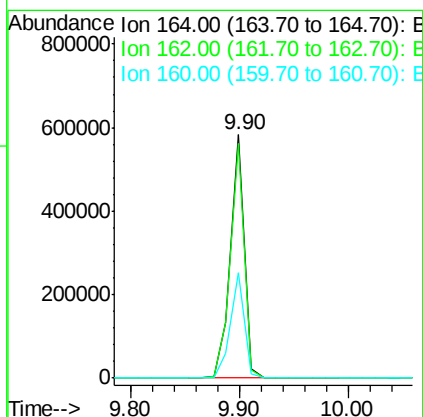
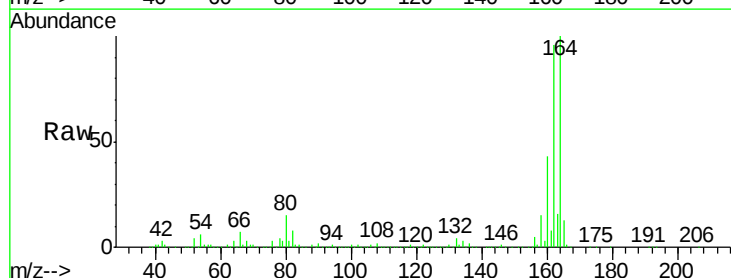
Instrument :
BNA_F
ClientSampleId :
MW-1

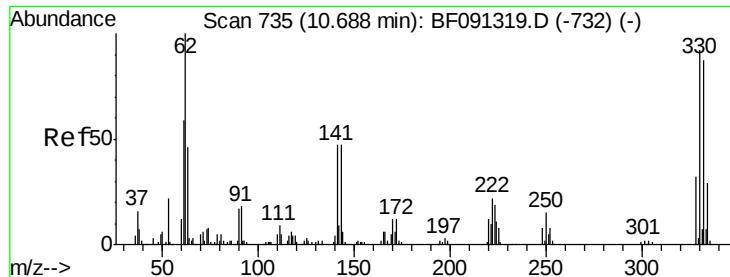
Tgt Ion: 82 Resp: 1058778
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 68.6 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion: 164 Resp: 511711
Ion Ratio Lower Upper
164 100
162 96.5 82.6 124.0
160 43.4 36.7 55.1

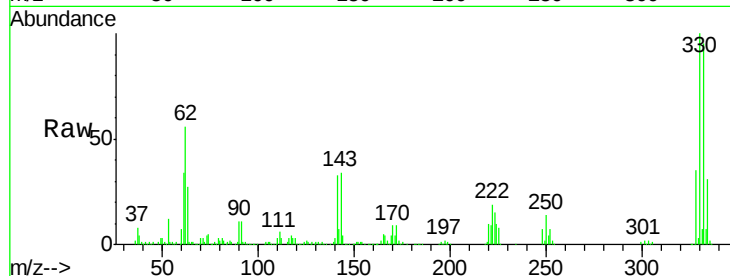




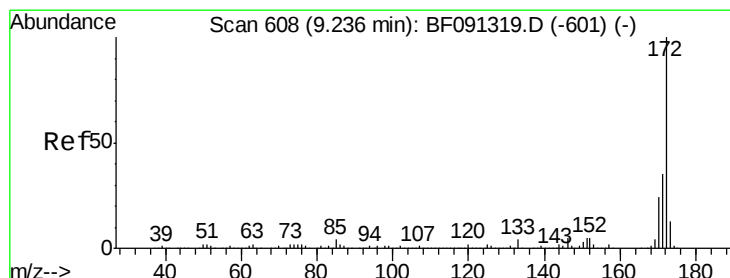
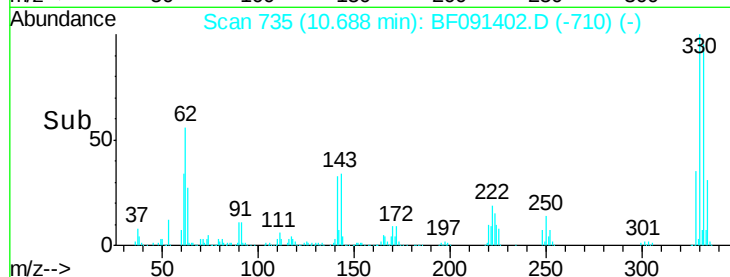
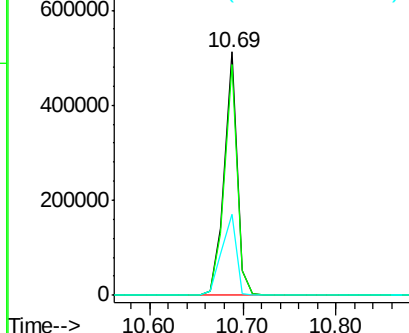
#41
 2,4,6-Tribromophenol
 Concen: 102.28 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091402.D
 Acq: 2 Dec 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 495506
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.2 114.4
 141 37.3 33.6 50.4

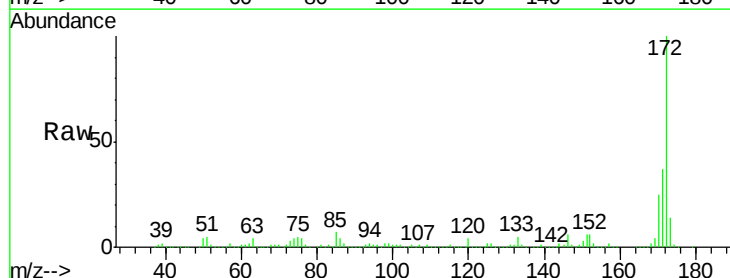


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

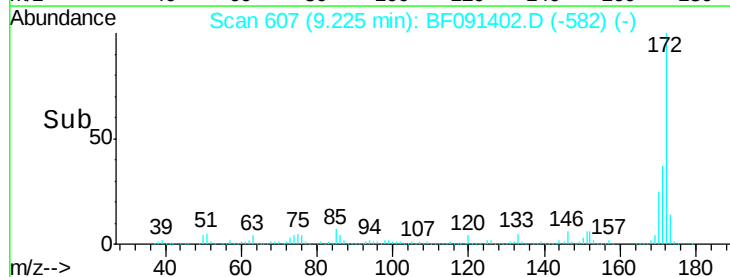
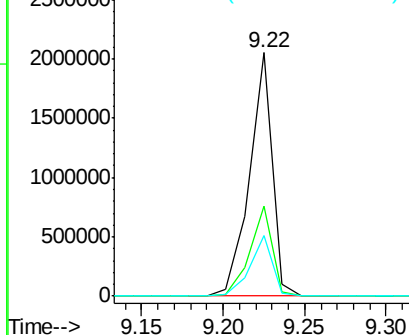


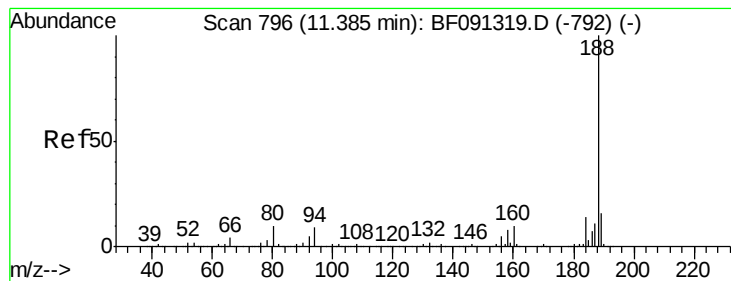
#44
 2-Fluorobiphenyl
 Concen: 70.07 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091402.D
 Acq: 2 Dec 2016 21:15

Tgt Ion:172 Resp: 1980252
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.0 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: BF091402.D

Acq: 2 Dec 2016 21:15

Instrument :

BNA_F

ClientSampleId :

MW-1

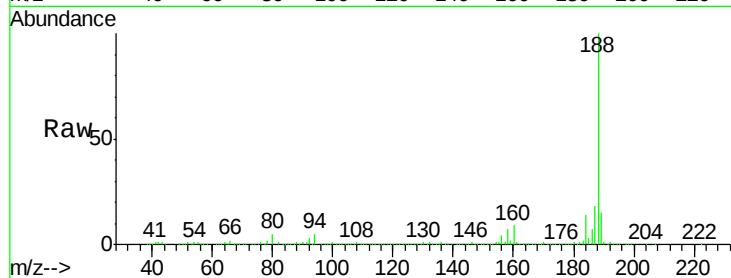
Tgt Ion:188 Resp: 833069

Ion Ratio Lower Upper

188 100

94 5.5 9.2 13.8#

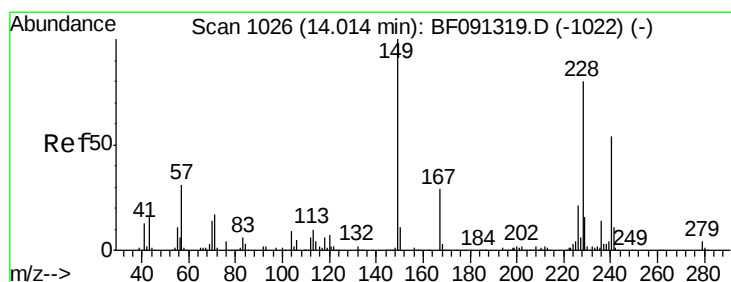
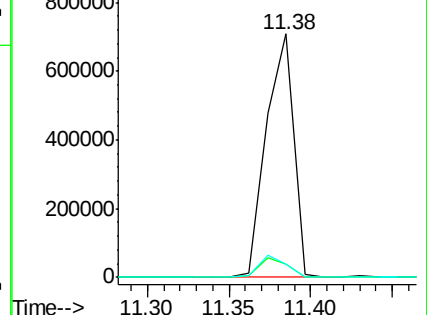
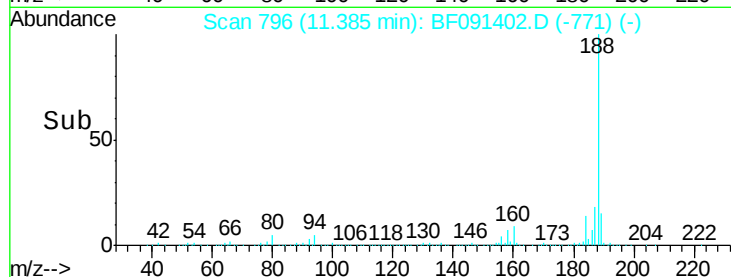
80 5.4 10.5 15.7#



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: BF091402.D

Acq: 2 Dec 2016 21:15

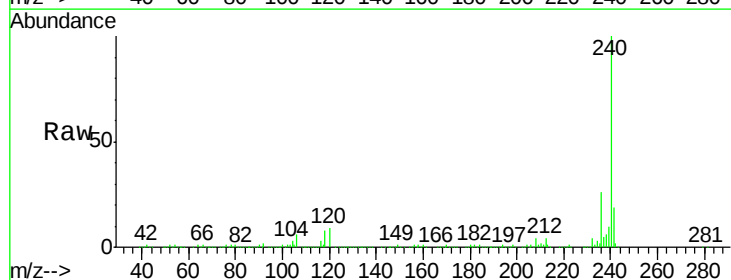
Tgt Ion:240 Resp: 689697

Ion Ratio Lower Upper

240 100

120 8.6 12.1 18.1#

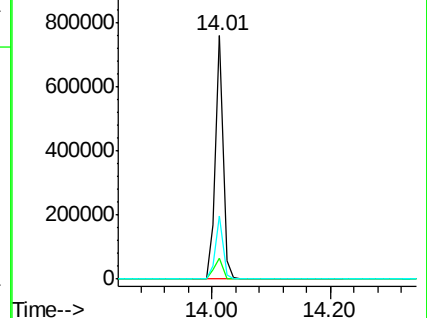
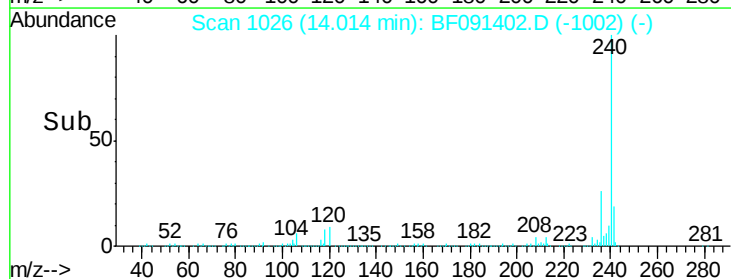
236 25.7 21.0 31.6



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

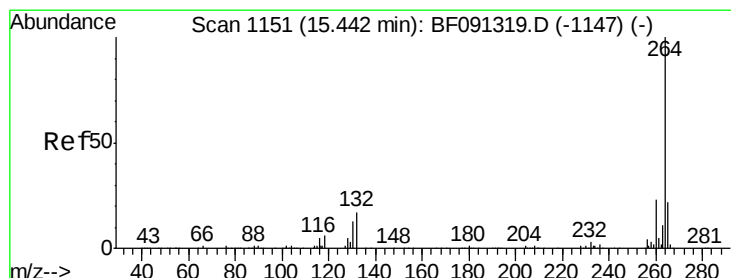
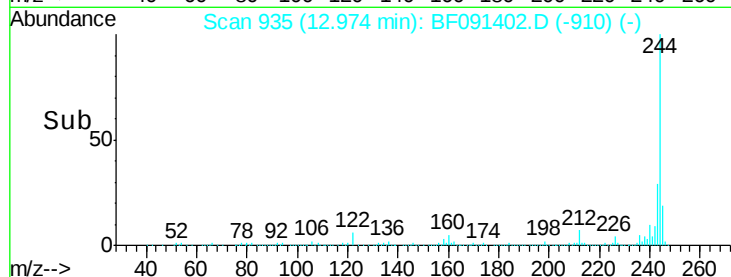
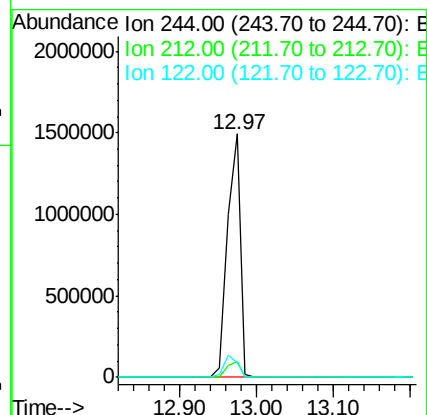
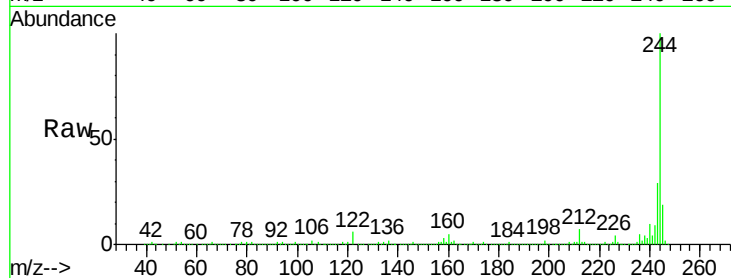




#78
 Terphenyl-d14
 Concen: 55.92 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091402.D
 Acq: 2 Dec 2016 21:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1774367
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.5 9.7
 122 6.0 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: BF091402.D
 Acq: 2 Dec 2016 21:15

Tgt Ion:264 Resp: 515349
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.9 17.0 25.6

