

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091434.D
 Acq On : 5 Dec 2016 22:45
 Operator : UM/SJ
 Sample : H5802-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 06 00:52:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151599	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	530222	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	350123	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	579777	20.00	ng	0.00
75) Chrysene-d12	14.00	240	421097	20.00	ng	0.00
86) Perylene-d12	15.43	264	348657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	745069	80.29	ng	0.01
7) Phenol-d6	6.47	99	538164	47.11	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1099152	116.17	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	472805	142.64	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1718159	88.85	ng	0.00
78) Terphenyl-d14	12.96	244	1897611	97.95	ng	0.00

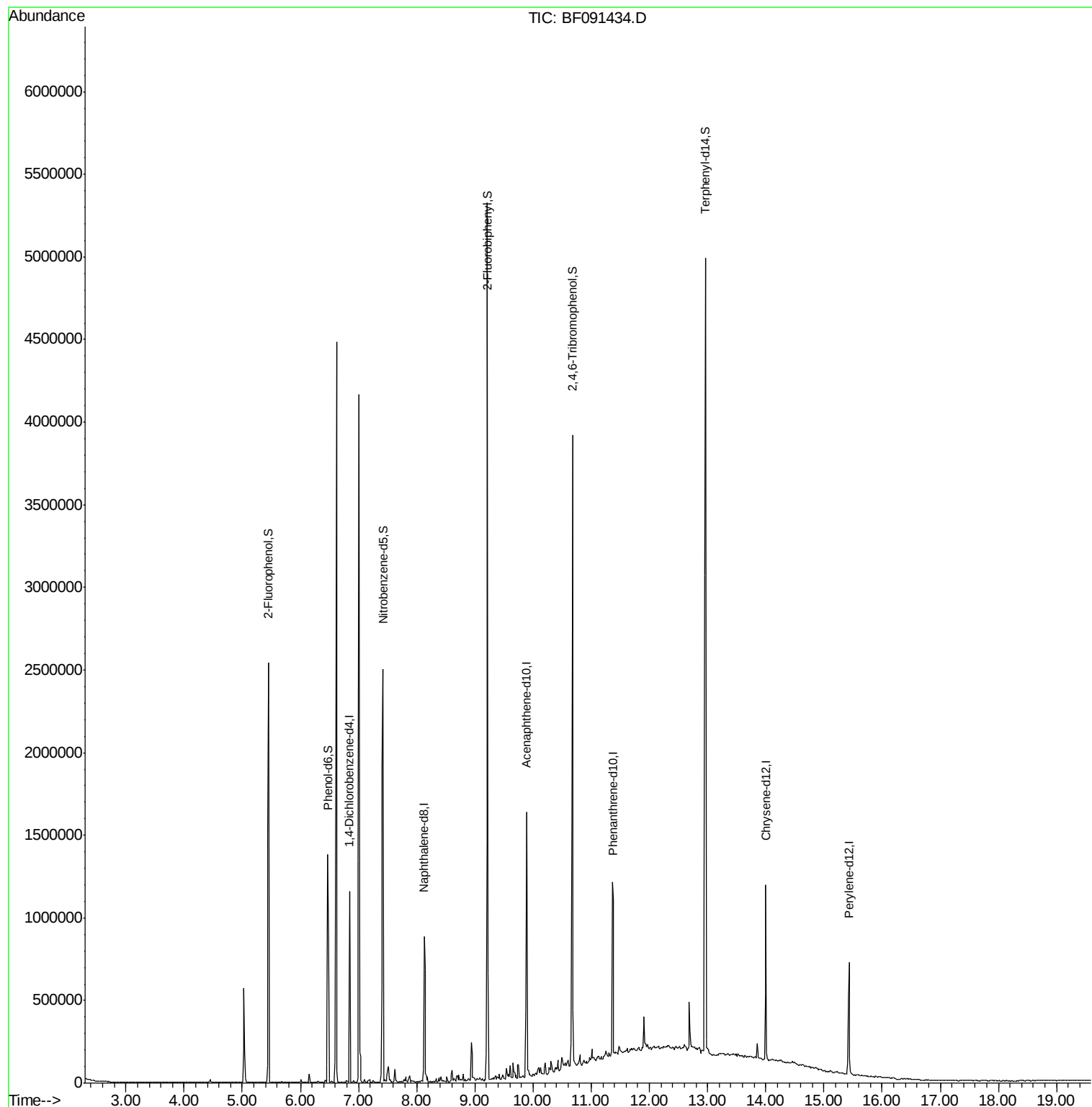
Target Compounds Qvalue

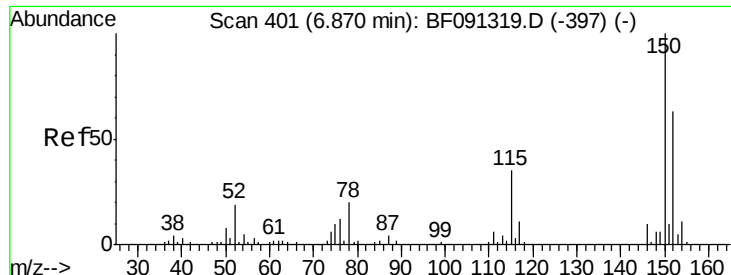
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampleId :

MW-01

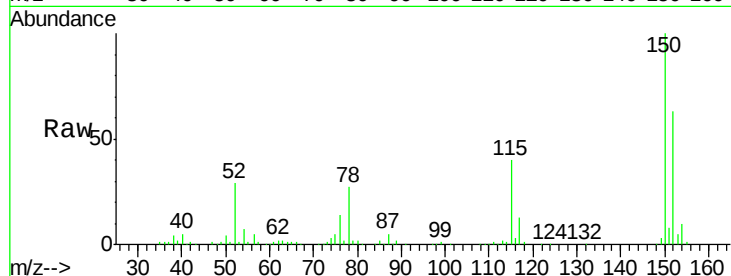
Tot Ion:152 Resp: 151599

Ion Ratio Lower Upper

152 100

150 158.4 122.5 183.7

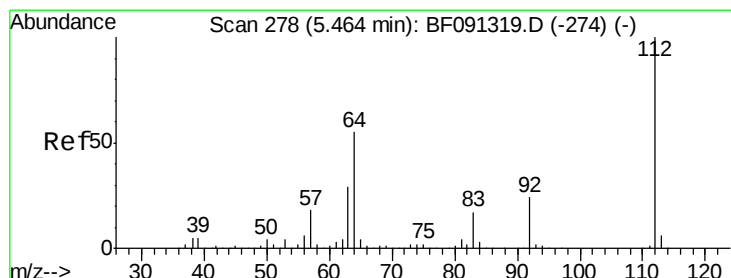
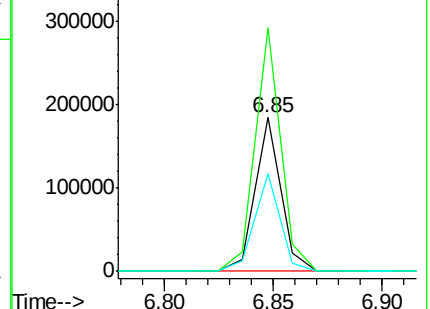
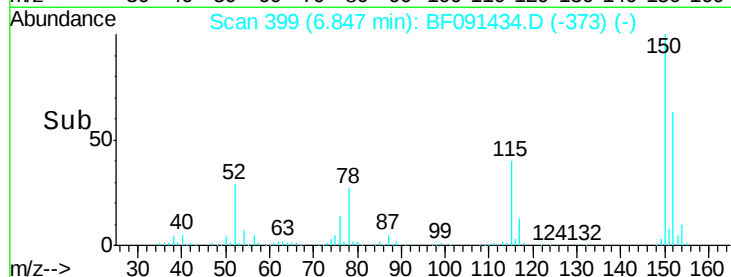
115 63.7 51.8 77.8



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: 80.29 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

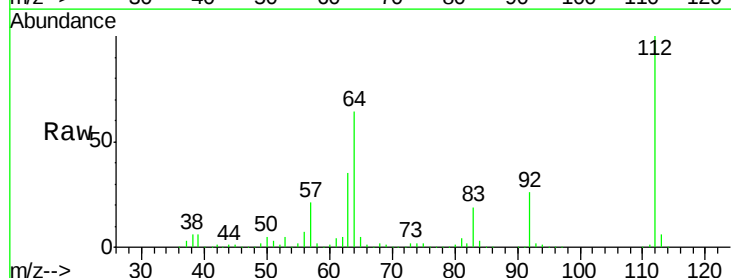
Tgt Ion:112 Resp: 745069

Ion Ratio Lower Upper

112 100

64 63.5 61.5 92.3

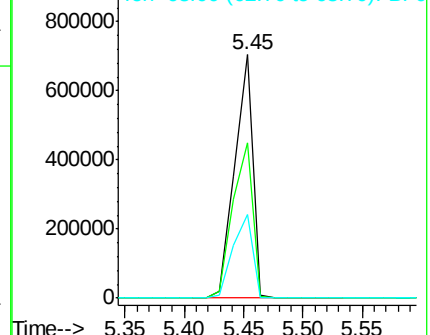
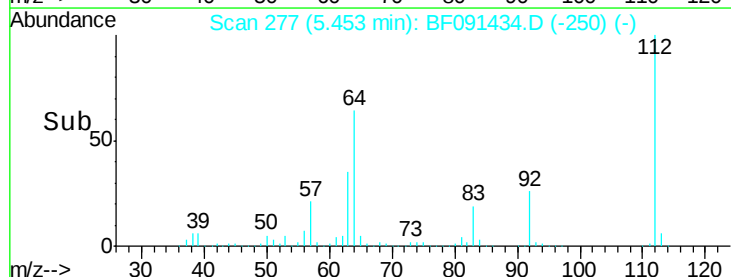
63 34.5 33.3 49.9

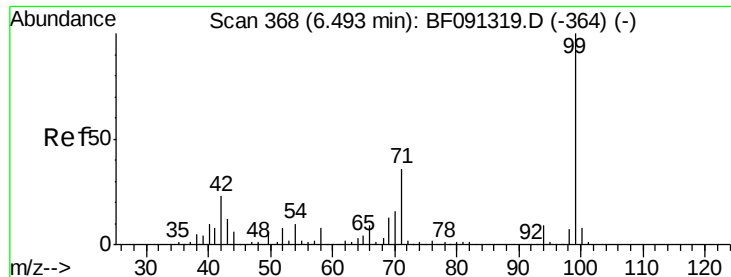


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.11 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampleId :

MW-01

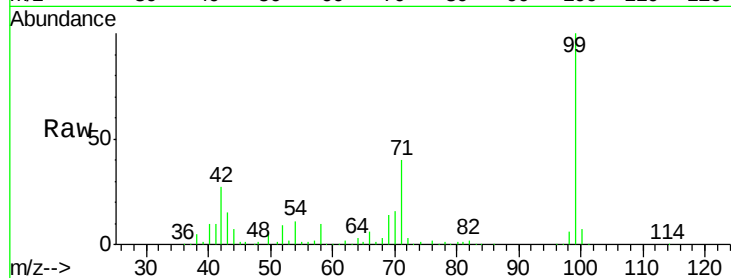
Tot Ion: 99 Resp: 538164

Ion Ratio Lower Upper

99 100

42 27.1 20.6 31.0

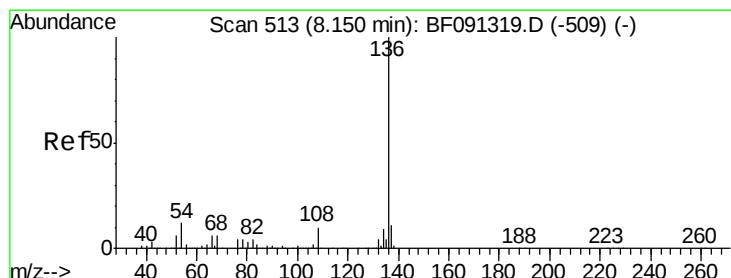
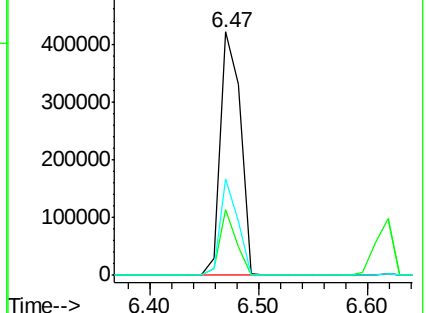
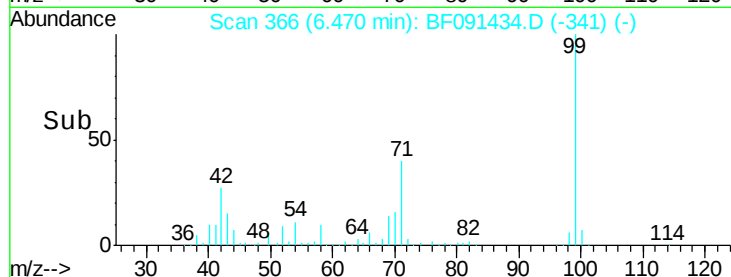
71 39.8 29.9 44.9



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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Tgt Ion: 136 Resp: 530222

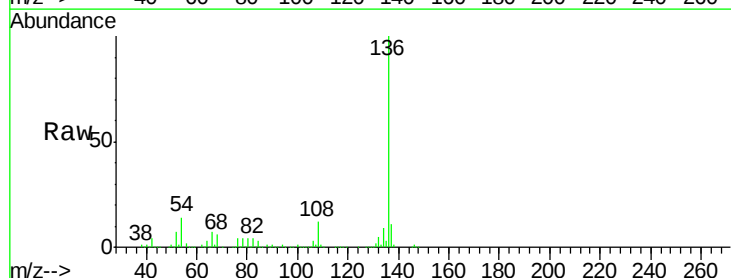
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 14.4 9.1 13.7#

68 6.0 5.9 8.9

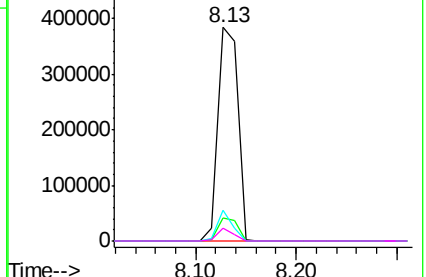
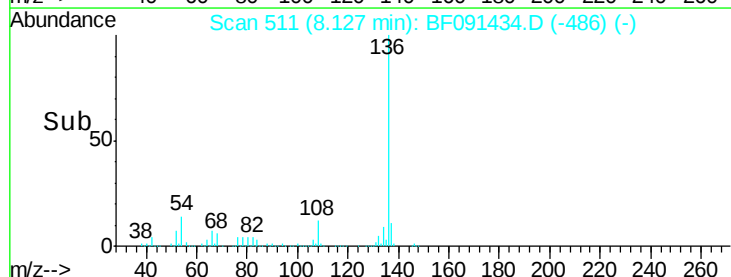


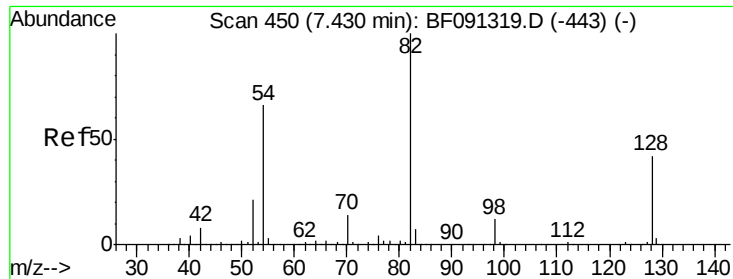
Abundance Ion 136.00 (135.70 to 136.70): E

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

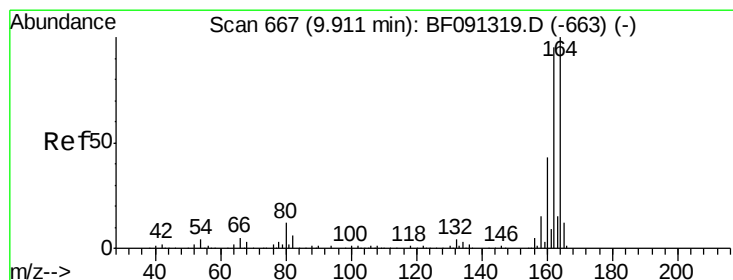
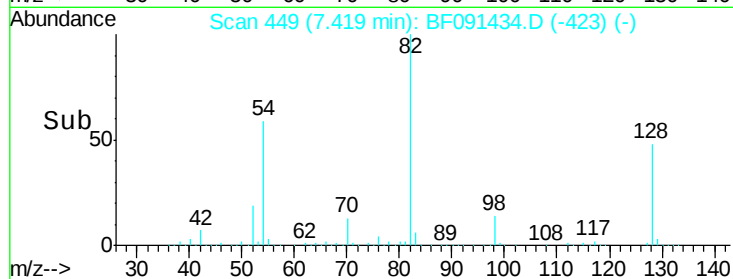
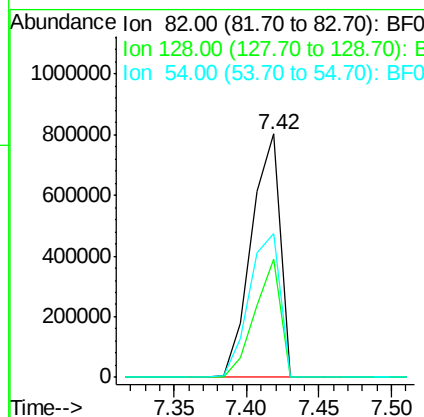
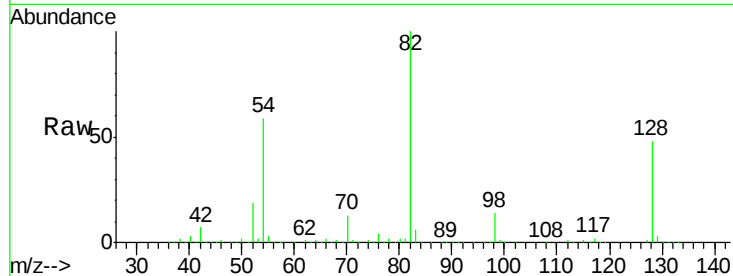




#23
Nitrobenzene-d5
Concen: 116.17 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091434.D
Acq: 5 Dec 2016 22:45

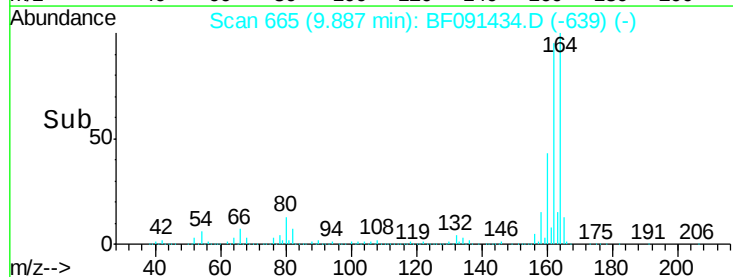
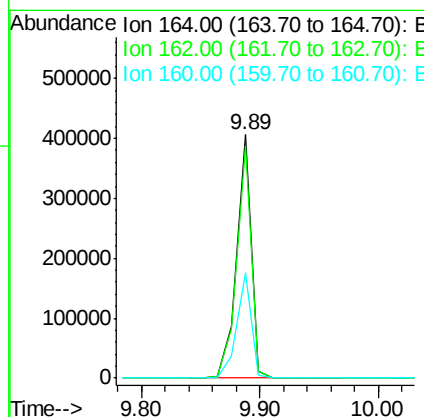
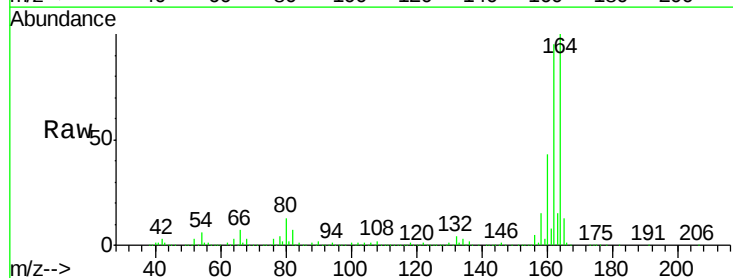
Instrument :
BNA_F
ClientSampleId :
MW-01

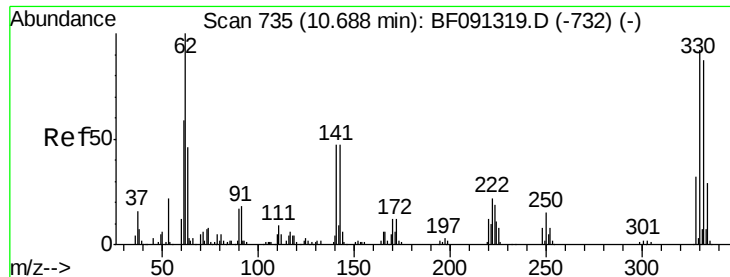
Tot Ion: 82 Resp: 1099152
Ion Ratio Lower Upper
82 100
128 48.3 31.8 47.6#
54 59.3 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091434.D
Acq: 5 Dec 2016 22:45

Tgt Ion:164 Resp: 350123
Ion Ratio Lower Upper
164 100
162 95.3 82.6 124.0
160 43.3 36.7 55.1

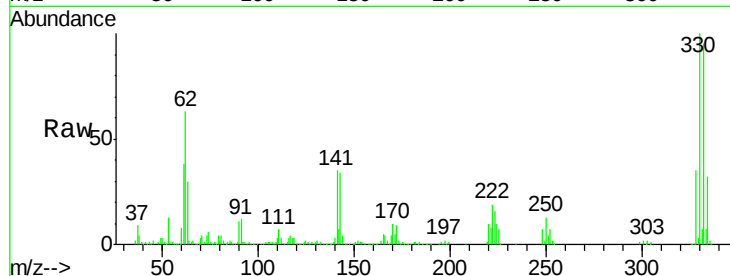




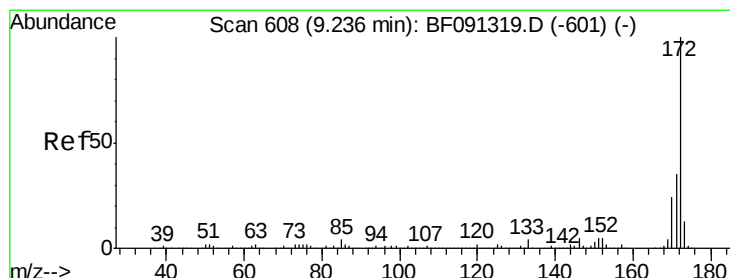
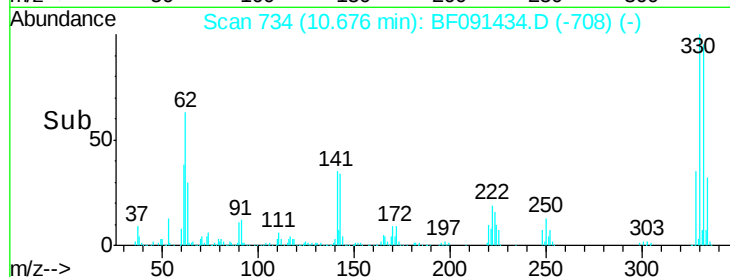
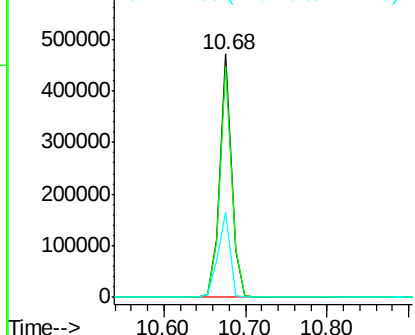
#41
 2,4,6-Tribromophenol
 Concen: 142.64 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:330 Resp: 472805
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 35.8 33.6 50.4

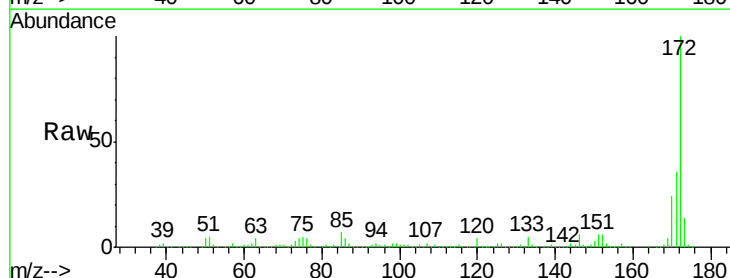


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

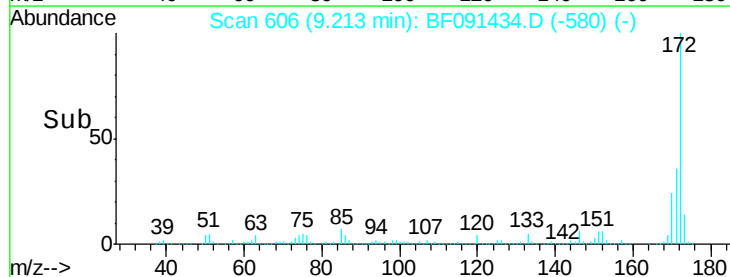
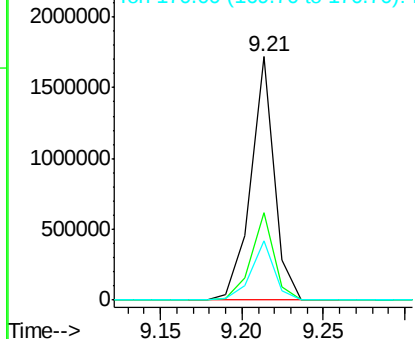


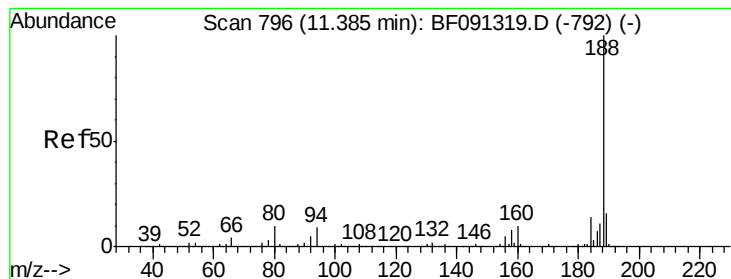
#44
 2-Fluorobiphenyl
 Concen: 88.85 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091434.D
 Acq: 5 Dec 2016 22:45

Tgt Ion:172 Resp: 1718159
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.4 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: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampled :

MW-01

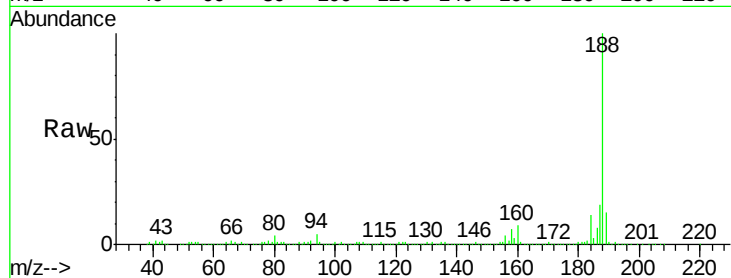
Tot Ion:188 Resp: 579777

Ion Ratio Lower Upper

188 100

94 4.8 9.2 13.8#

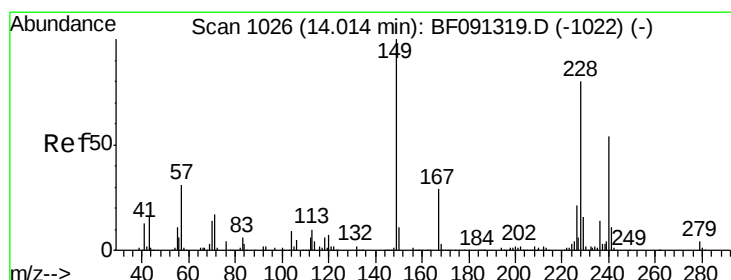
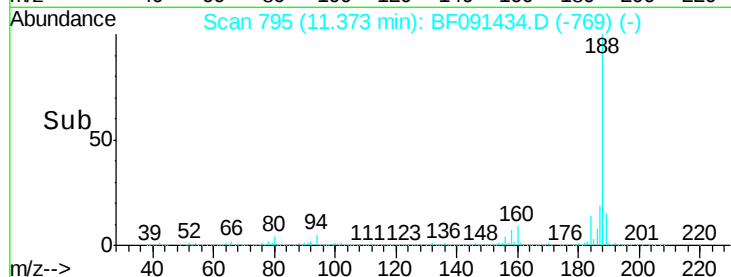
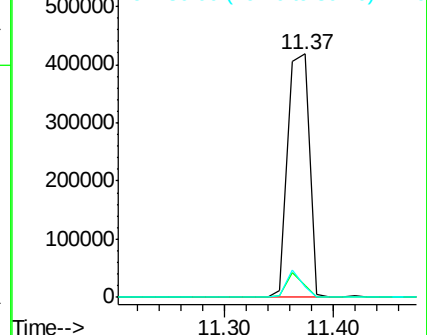
80 4.5 10.5 15.7#



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: 14.00 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

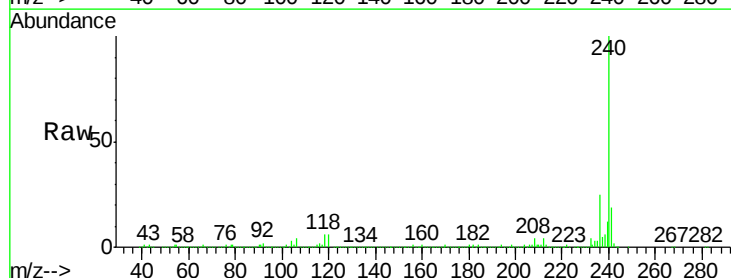
Tgt Ion:240 Resp: 421097

Ion Ratio Lower Upper

240 100

120 6.3 12.1 18.1#

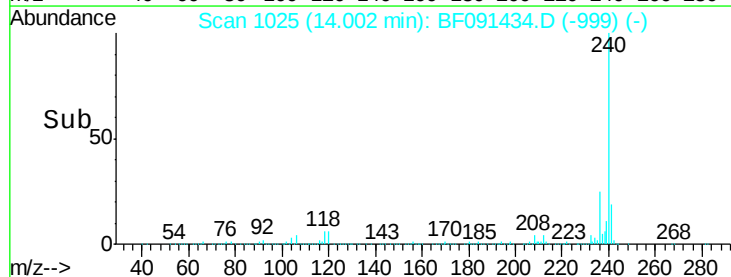
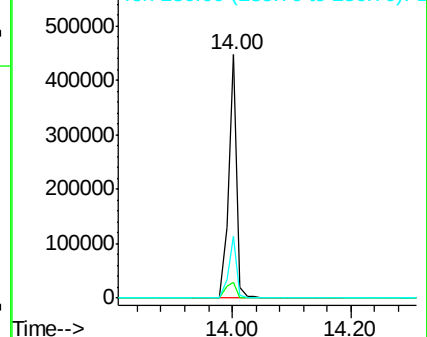
236 25.3 21.0 31.6

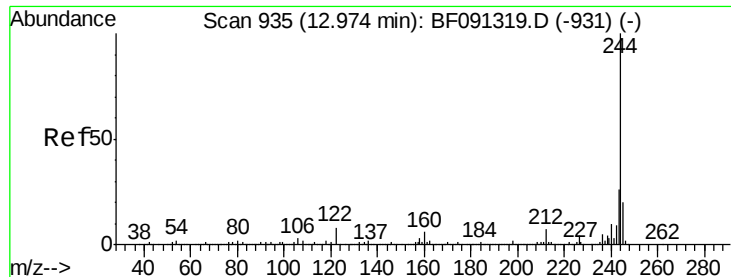


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.95 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

Instrument :

BNA_F

ClientSampleId :

MW-01

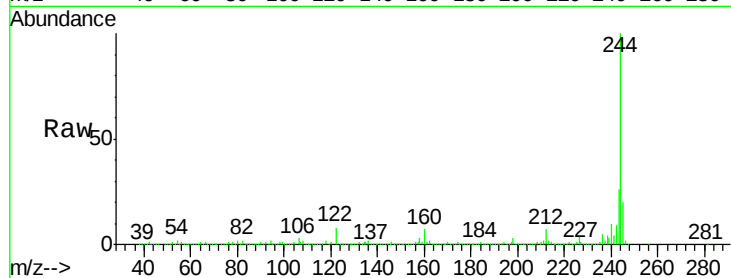
Tot Ion:244 Resp: 1897611

Ion Ratio Lower Upper

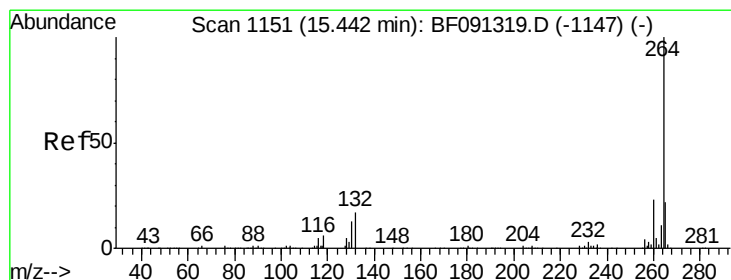
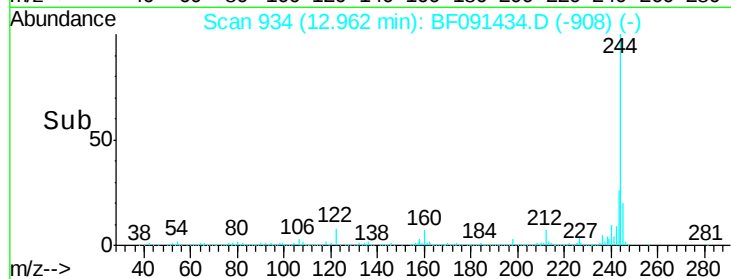
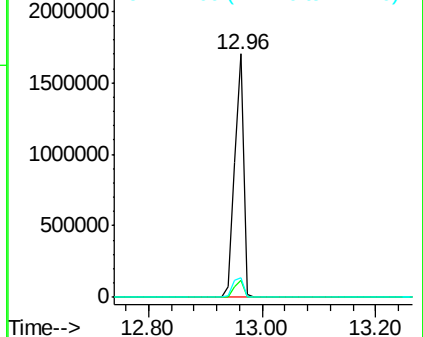
244 100

212 7.2 6.5 9.7

122 8.1 9.5 14.3#



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: 15.43 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF091434.D

Acq: 5 Dec 2016 22:45

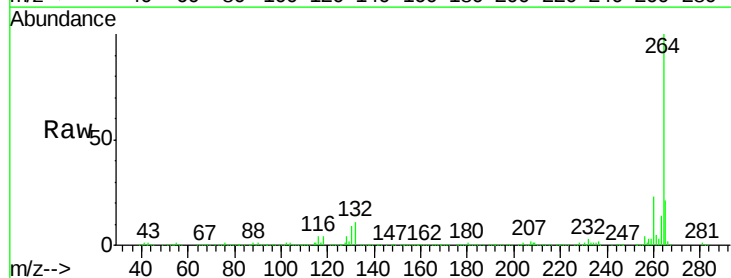
Tgt Ion:264 Resp: 348657

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.1 17.0 25.6



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

