

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091959.D
 Acq On : 24 Dec 2016 8:43
 Operator : UM/SJ
 Sample : H6156-13DL 250X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Quant Time: Dec 24 23:53:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 23:49:26 2016
 Response via : Initial Calibration

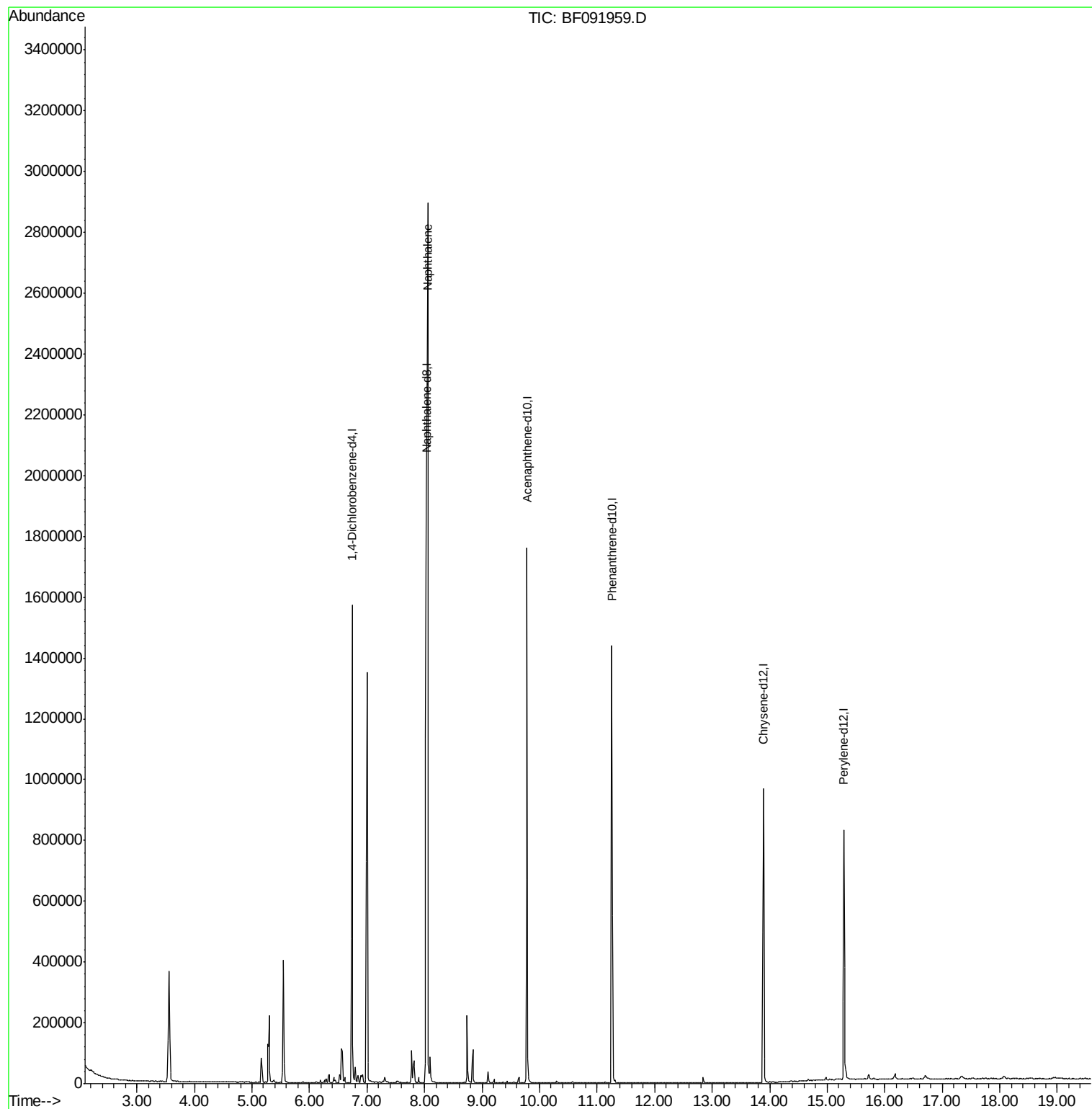
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	257609	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1069904	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	427214	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	595383	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	413576	20.00	ng	-0.01
86) Perylene-d12	15.29	264	395539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	4116	0.27	ng	0.03
7) Phenol-d6	6.43	99	3439	0.18	ng	0.02
23) Nitrobenzene-d5	7.31	82	9283	0.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	1512	0.43	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	15281	0.69	ng	-0.01
78) Terphenyl-d14	12.84	244	9901	0.58	ng	-0.01
Target Compounds						
31) Naphthalene	8.05	128	1879220	38.38	ng	Qvalue 99

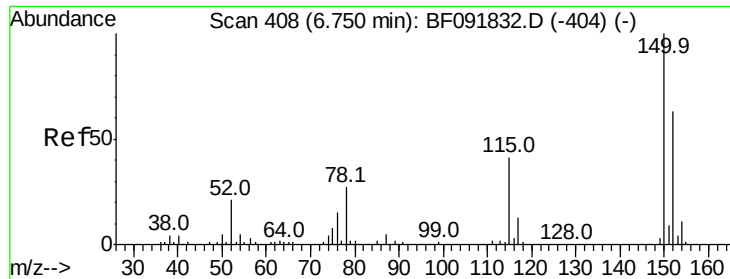
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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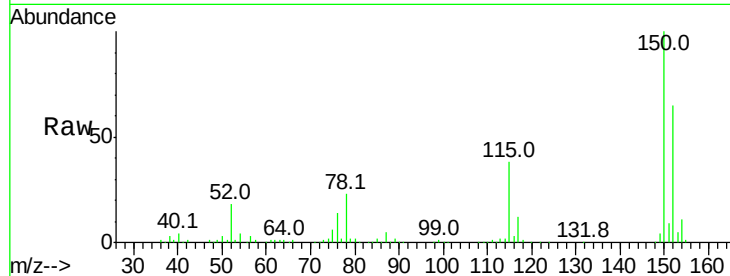


#1

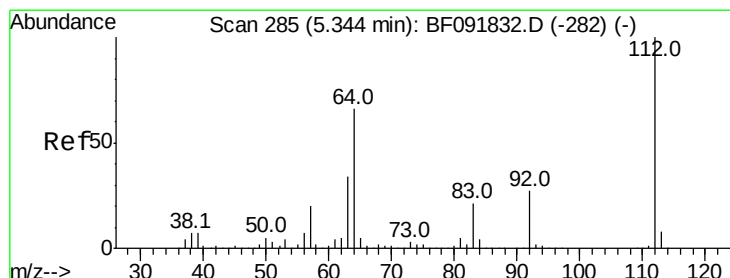
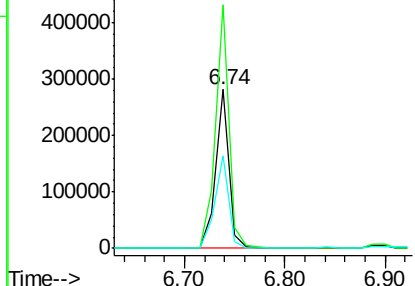
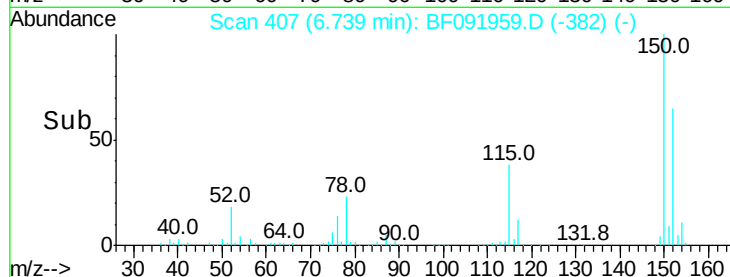
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091959.D
Acq: 24 Dec 2016 8:43

Instrument :
BNA_F
ClientSampleId :
MW-16DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	58.3	46.0	69.0



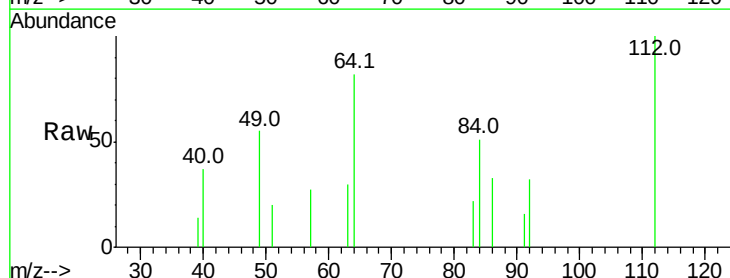
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



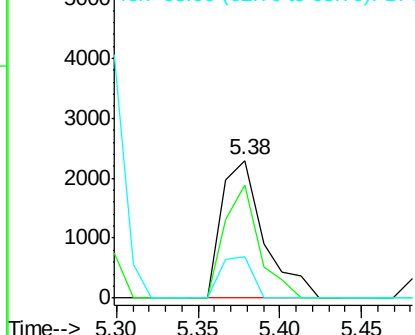
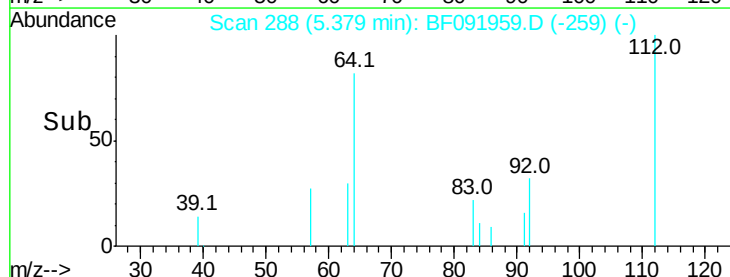
#5

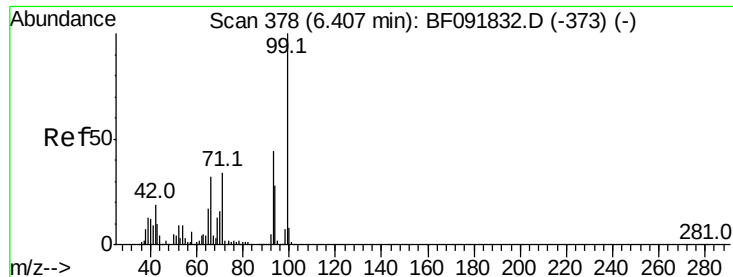
2-Fluorophenol
Concen: 0.27 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.03 min
Lab File: BF091959.D
Acq: 24 Dec 2016 8:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.2	46.1	69.1#
63	30.2	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: 0.18 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

Instrument :

BNA_F

ClientSampleId :

MW-16DL

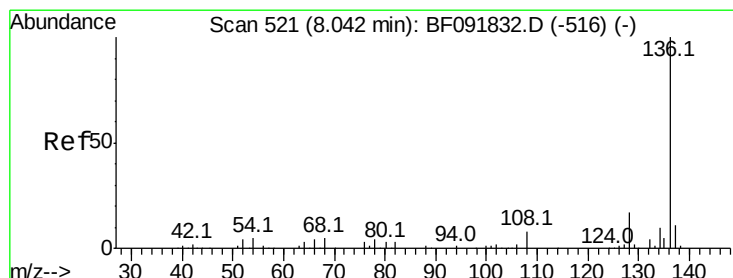
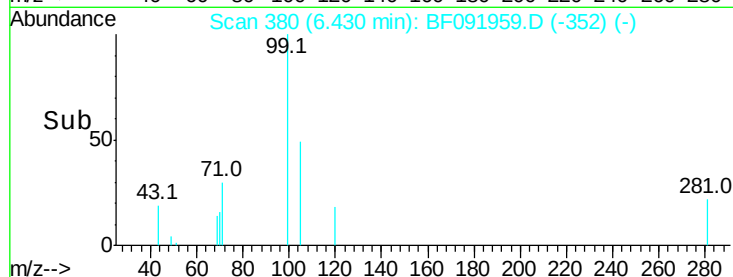
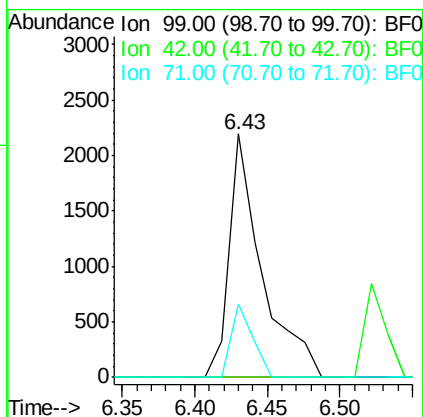
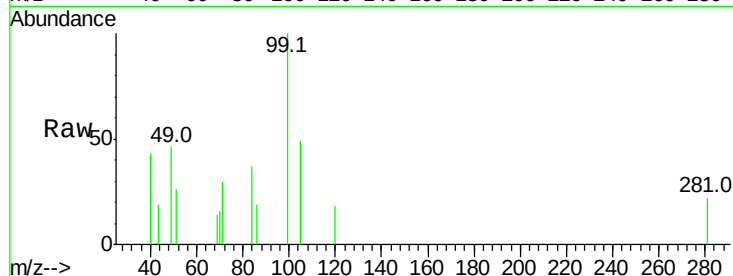
Tot Ion: 99 Resp: 3439

Ion Ratio Lower Upper

99 100

42 0.0 15.6 23.4#

71 30.1 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

Tgt Ion: 136 Resp: 1069904

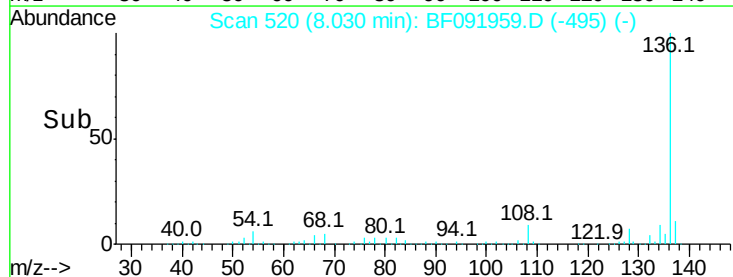
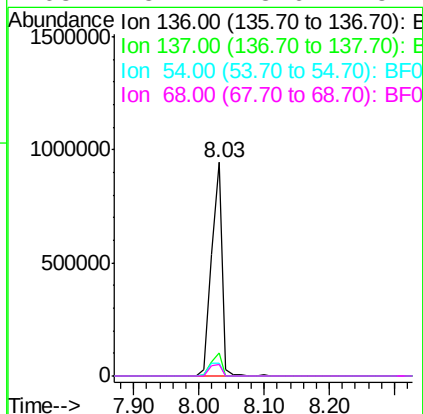
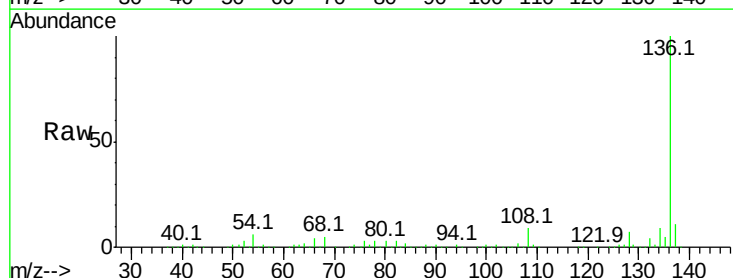
Ion Ratio Lower Upper

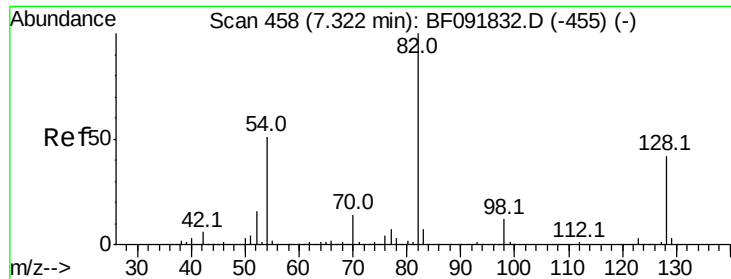
136 100

137 10.9 8.4 12.6

54 6.0 4.5 6.7

68 5.1 3.6 5.4





#23

Nitrobenzene-d5

Concen: 0.48 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

Instrument :

BNA_F

ClientSampleId :

MW-16DL

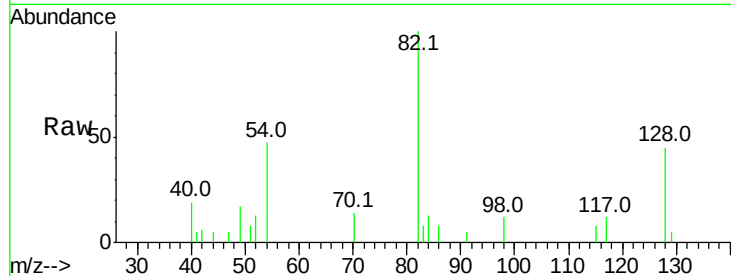
Tot Ion: 82 Resp: 9283

Ion Ratio Lower Upper

82 100

128 44.7 34.6 52.0

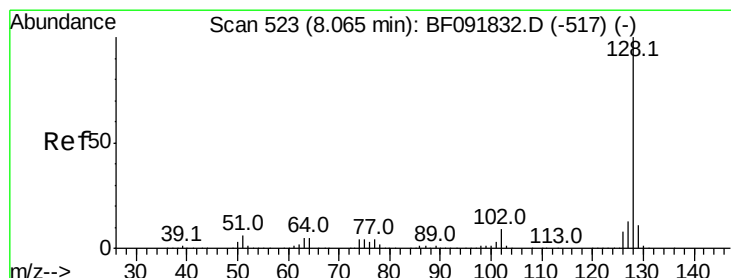
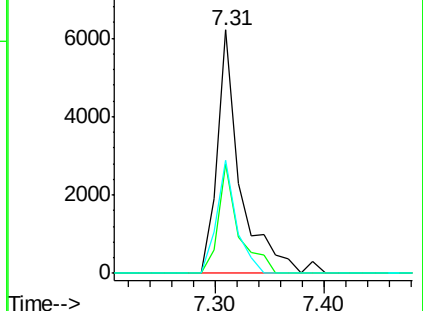
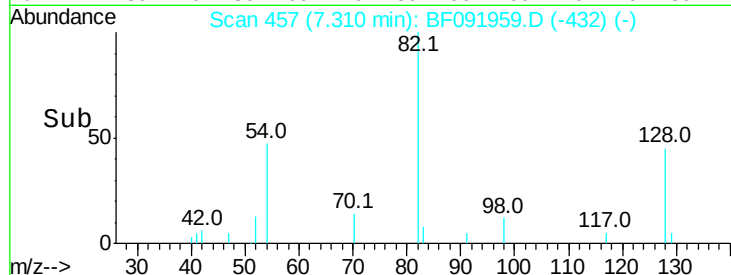
54 46.6 39.5 59.3



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



#31

Naphthalene

Concen: 38.38 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

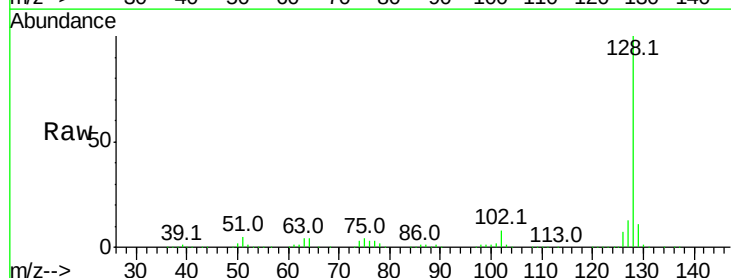
Tgt Ion:128 Resp: 1879220

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

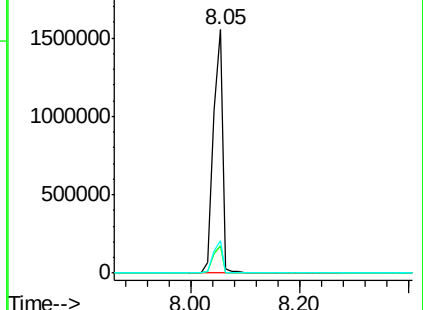
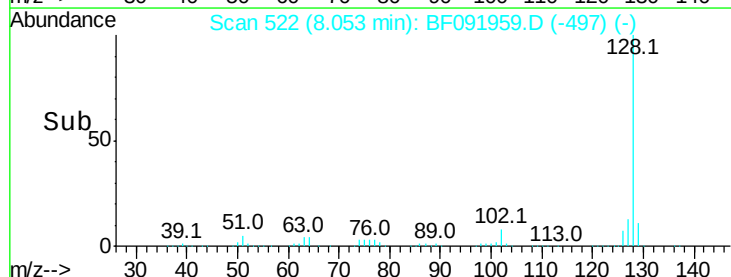
127 13.1 10.8 16.2

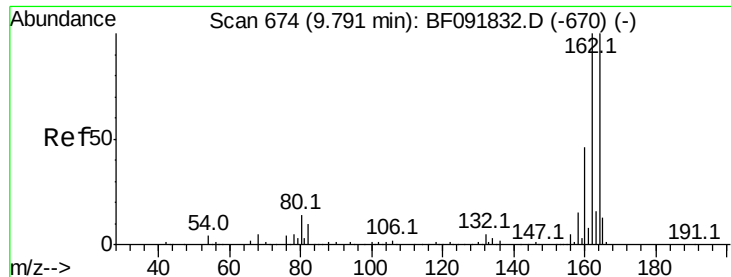


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

Instrument :

BNA_F

ClientSampleID :

MW-16DL

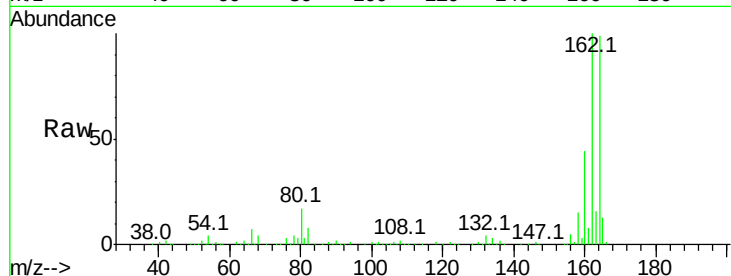
Tot Ion:164 Resp: 427214

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

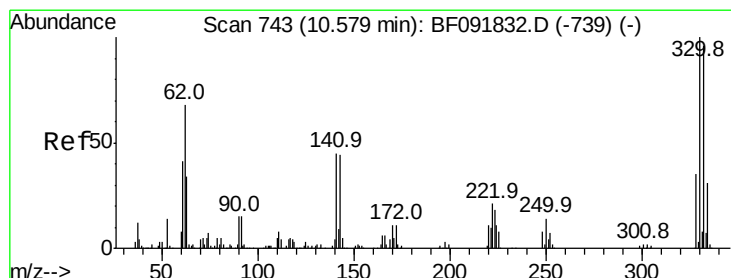
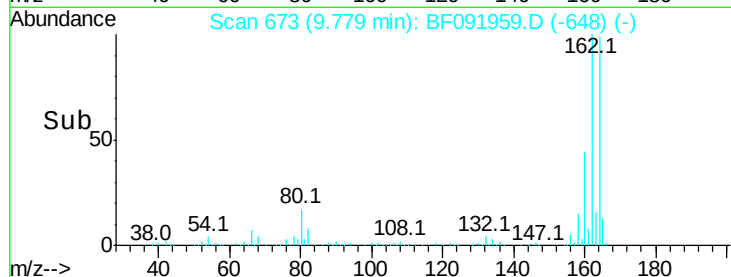
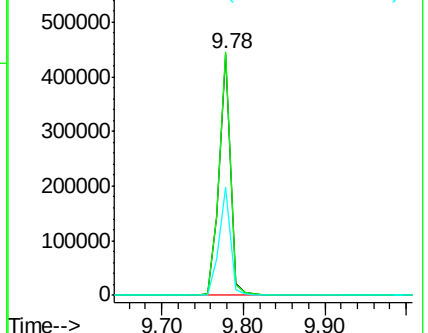
160 44.7 36.9 55.3



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: 0.43 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

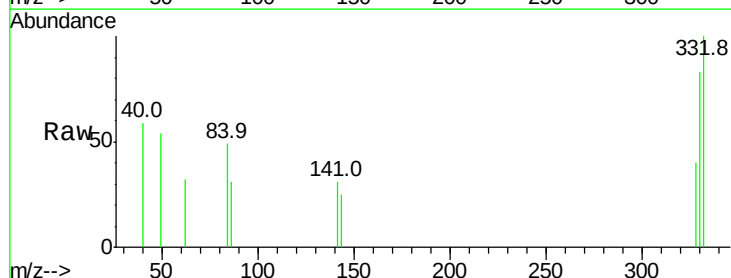
Tgt Ion:330 Resp: 1512

Ion Ratio Lower Upper

330 100

332 104.8 77.4 116.2

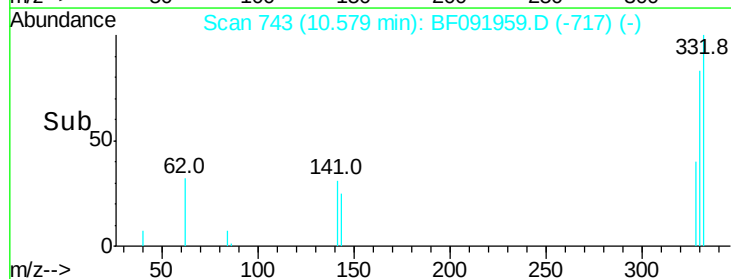
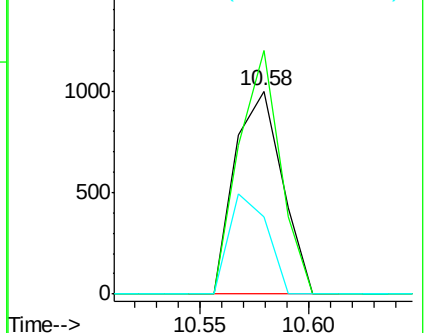
141 39.4 34.1 51.1

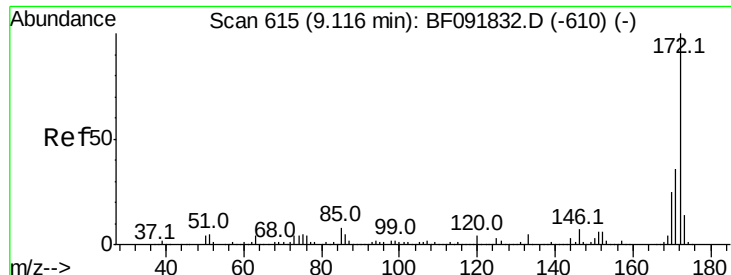


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

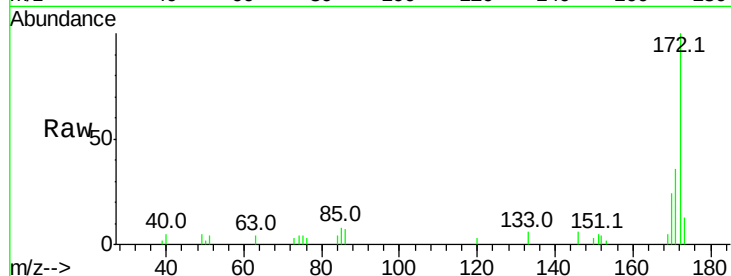




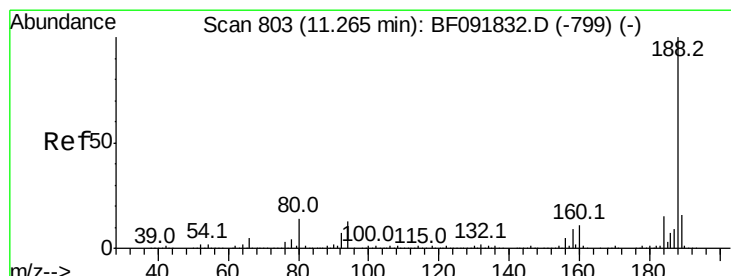
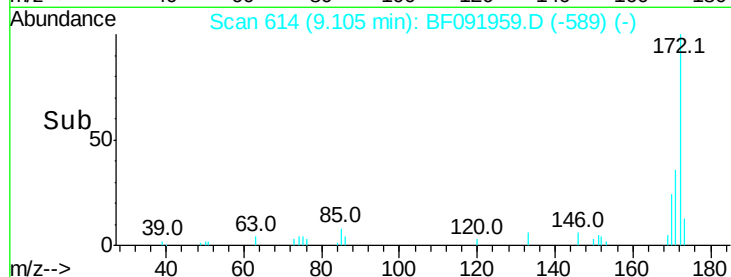
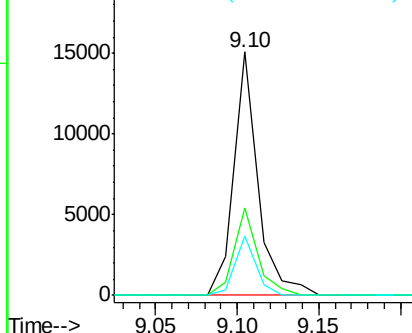
#44
2-Fluorobiphenyl
Concen: 0.69 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091959.D
Acq: 24 Dec 2016 8:43

Instrument :
BNA_F
ClientSampleId :
MW-16DL

Tot Ion:172 Resp: 15281
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.2 20.2 30.4

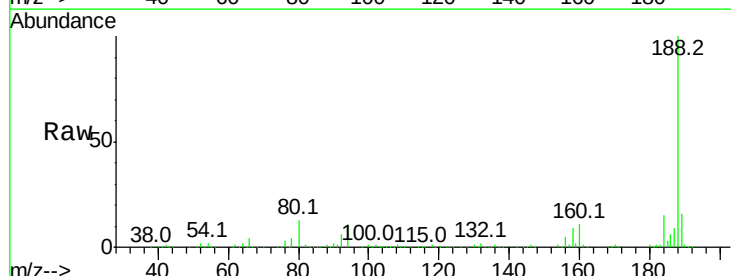


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

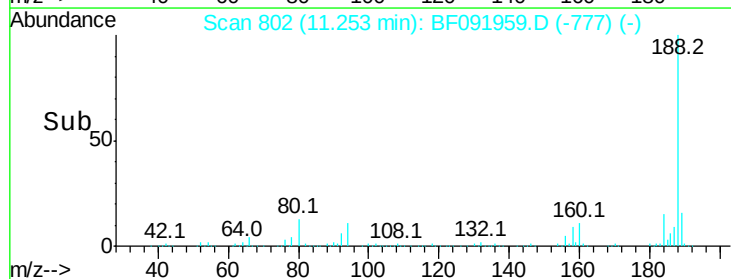
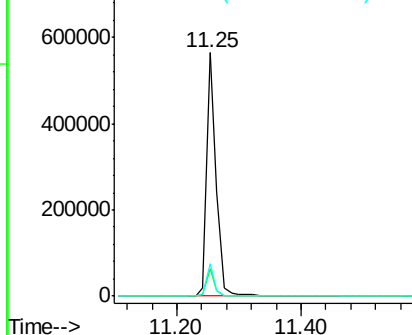


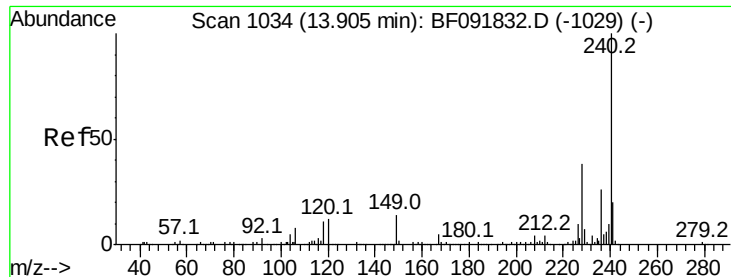
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091959.D
Acq: 24 Dec 2016 8:43

Tgt Ion:188 Resp: 595383
Ion Ratio Lower Upper
188 100
94 11.5 10.0 15.0
80 13.2 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

Instrument :

BNA_F

ClientSampleId :

MW-16DL

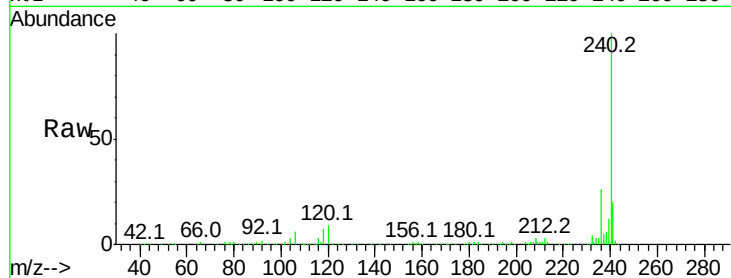
Tot Ion:240 Resp: 413576

Ion Ratio Lower Upper

240 100

120 9.0 12.9 19.3#

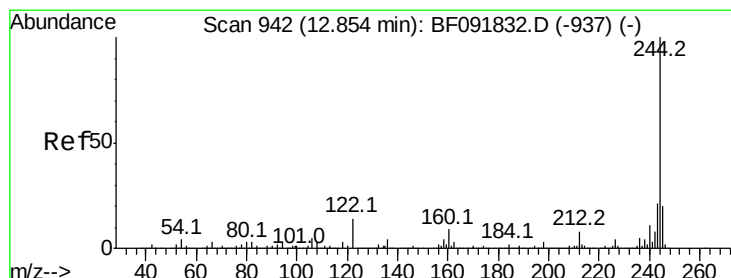
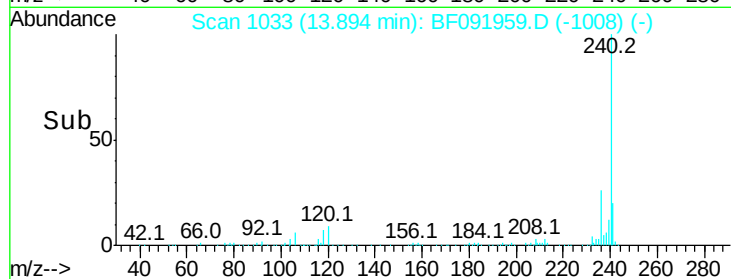
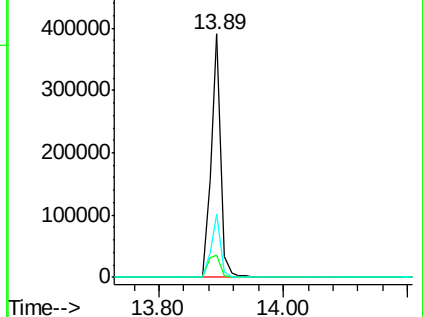
236 25.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 0.58 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091959.D

Acq: 24 Dec 2016 8:43

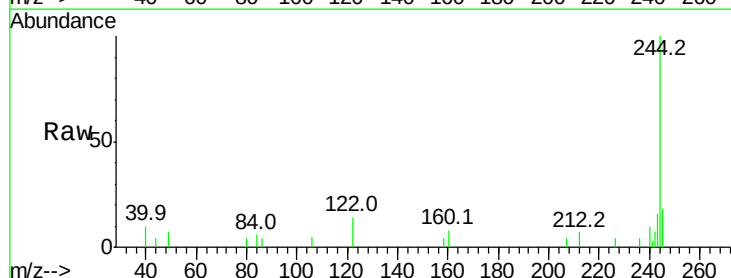
Tgt Ion:244 Resp: 9901

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

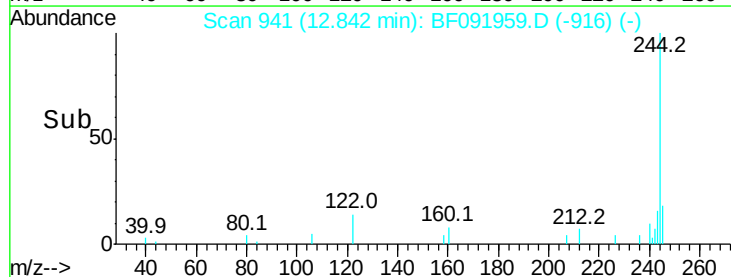
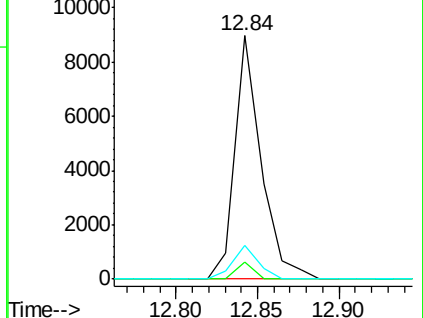
122 14.0 11.4 17.2

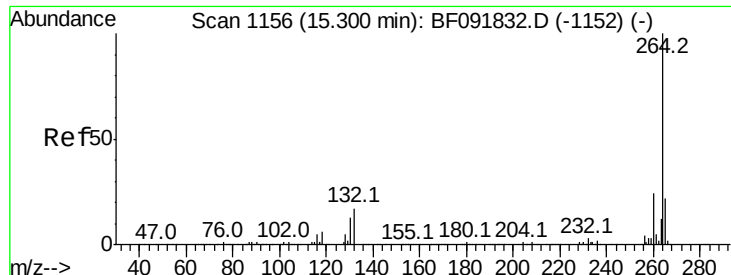


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091959.D
 Acq: 24 Dec 2016 8:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL

Tot Ion:	264	Resp:	395539
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.4	26.0

