

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091957.D
 Acq On : 24 Dec 2016 7:49
 Operator : UM/SJ
 Sample : H6156-08DL 500X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11CDL

Quant Time: Dec 24 23:44:08 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 23:39:53 2016
 Response via : Initial Calibration

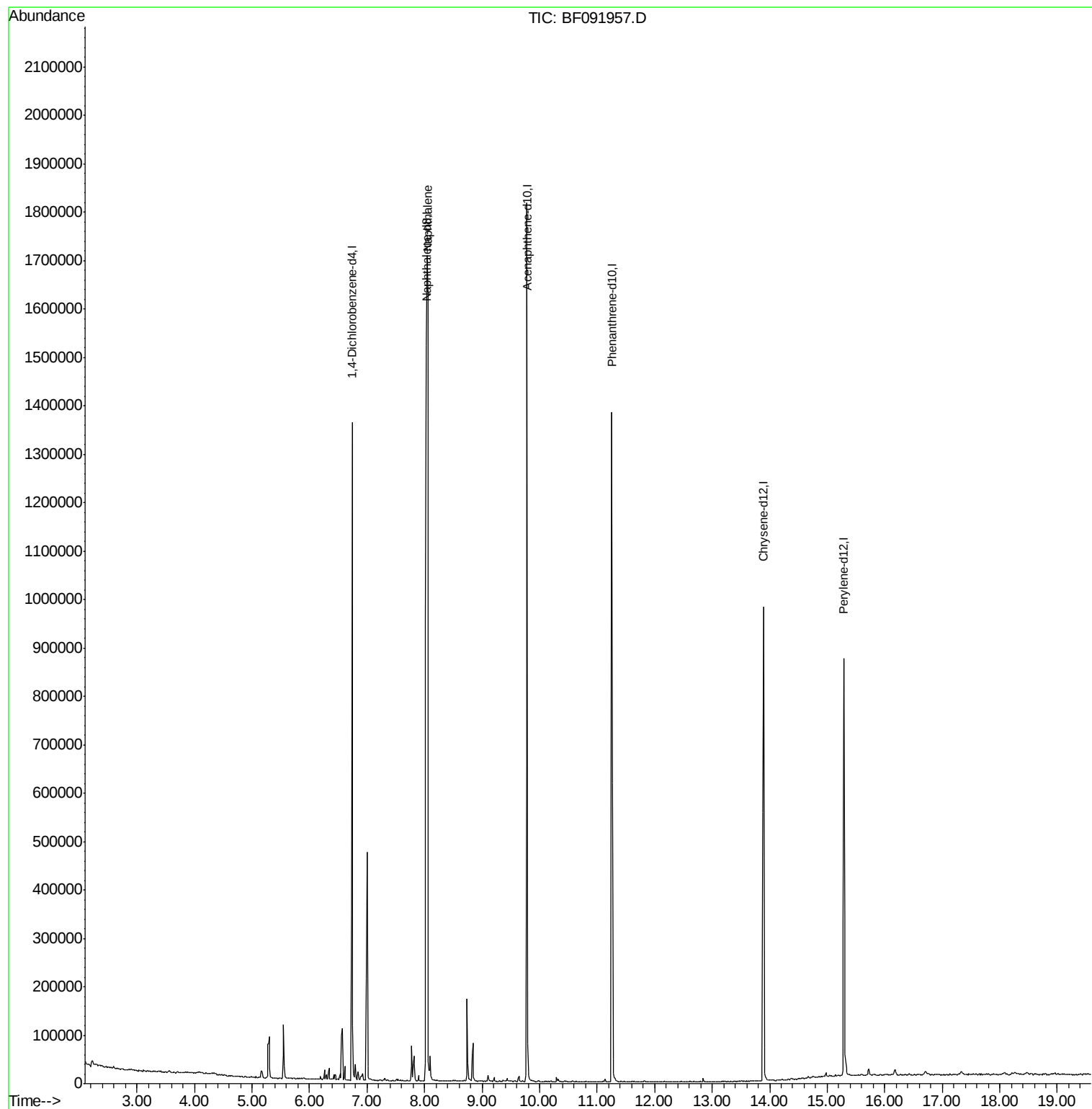
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	214572	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	865987	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	432584	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	595253	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	427357	20.00	ng	-0.01
86) Perylene-d12	15.29	264	400218	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1114	0.09	ng	0.03
7) Phenol-d6	6.44	99	946	0.06	ng	0.03
23) Nitrobenzene-d5	7.31	82	2613	0.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	684	0.19	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	6531	0.29	ng	-0.01
78) Terphenyl-d14	12.84	244	3948	0.22	ng	-0.01
Target Compounds						
31) Naphthalene	8.05	128	1194268	30.13	ng	Qvalue 98

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

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QLast Update : Sat Dec 24 23:39:53 2016
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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: BF091957.D

Acq: 24 Dec 2016 7:49

Instrument :

BNA_F

ClientSampleId :

MW-11CDL

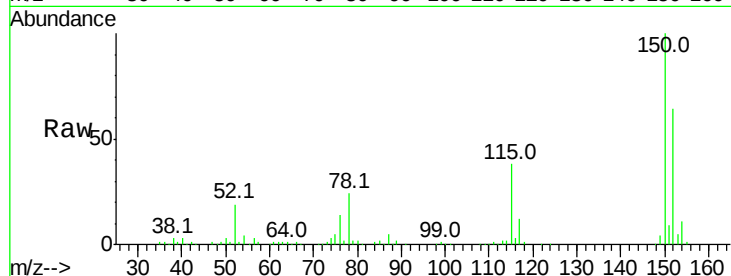
Tot Ion:152 Resp: 214572

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

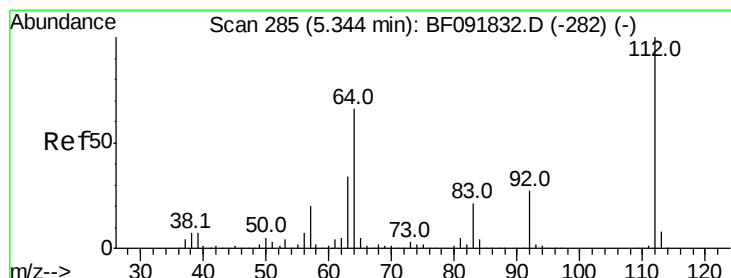
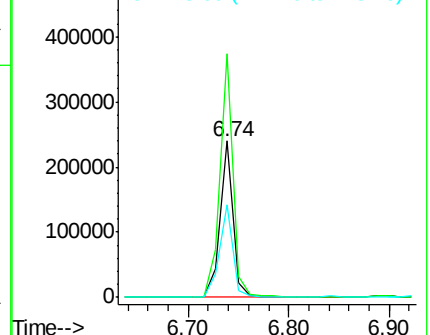
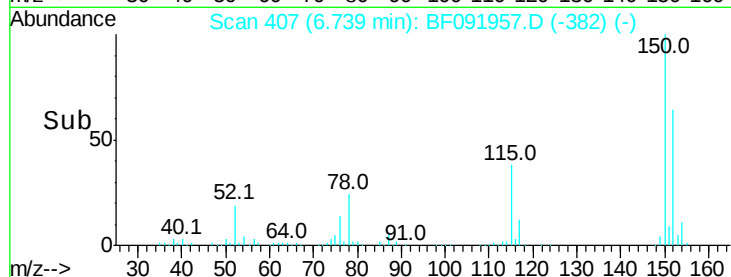
115 59.2 46.0 69.0



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: 0.09 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091957.D

Acq: 24 Dec 2016 7:49

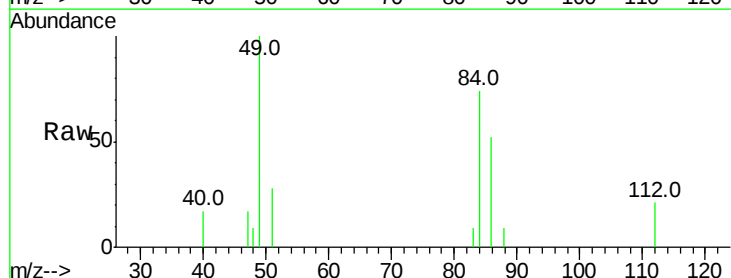
Tgt Ion:112 Resp: 1114

Ion Ratio Lower Upper

112 100

64 0.0 46.1 69.1#

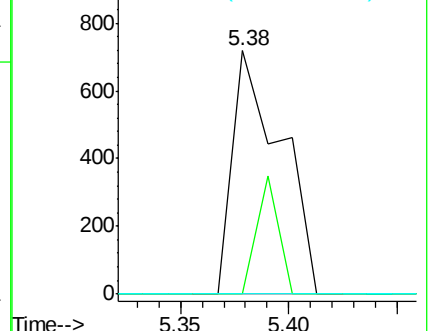
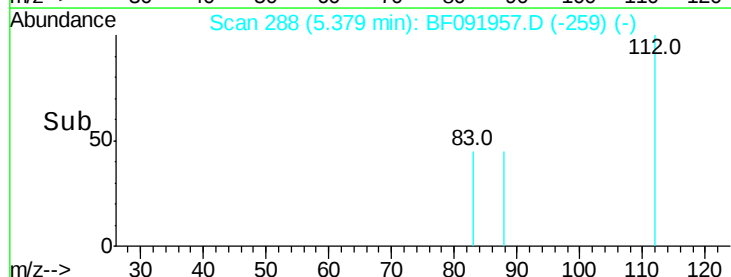
63 0.0 23.8 35.6#



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: 0.06 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091957.D

Acq: 24 Dec 2016 7:49

Instrument :

BNA_F

ClientSampleId :

MW-11CDL

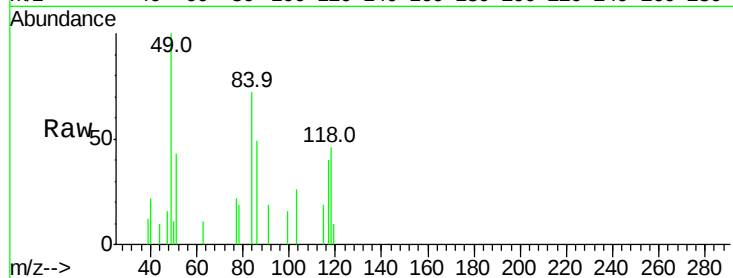
Tot Ion: 99 Resp: 946

Ion Ratio Lower Upper

99 100

42 0.0 15.6 23.4#

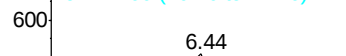
71 0.0 27.5 41.3#



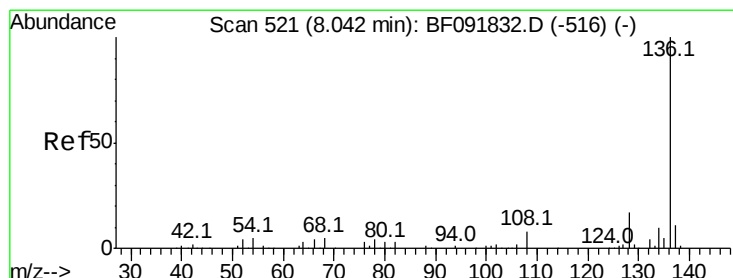
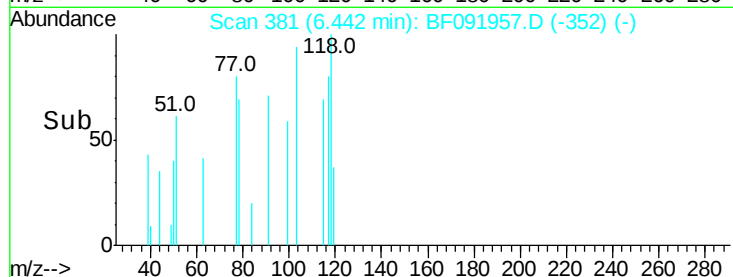
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091957.D

Acq: 24 Dec 2016 7:49

Tgt Ion: 136 Resp: 865987

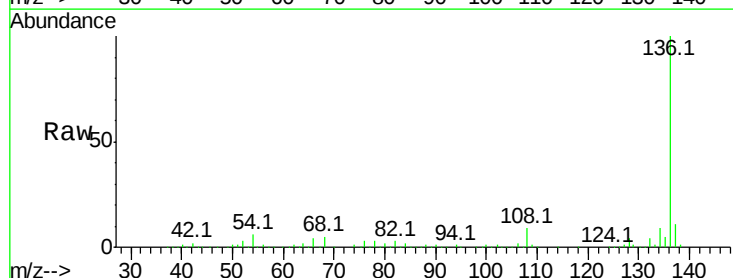
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 5.9 4.5 6.7

68 5.1 3.6 5.4

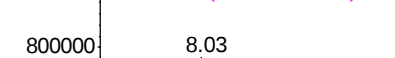


Abundance Ion 136.00 (135.70 to 136.70): E

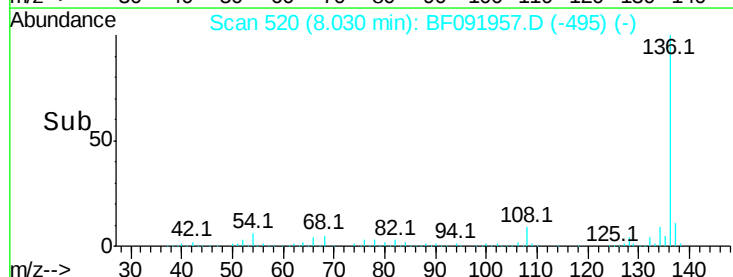
Ion 137.00 (136.70 to 137.70): E

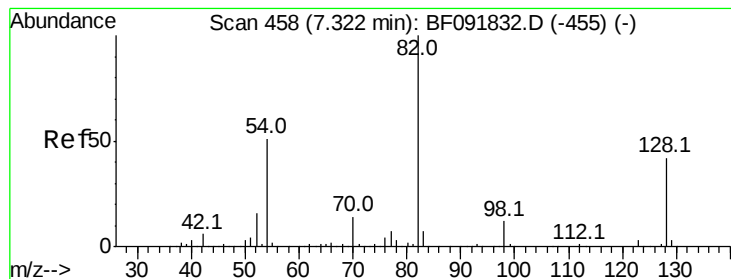
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





#23

Nitrobenzene-d5

Concen: 0.17 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091957.D

Acq: 24 Dec 2016 7:49

Instrument :

BNA_F

ClientSampleId :

MW-11CDL

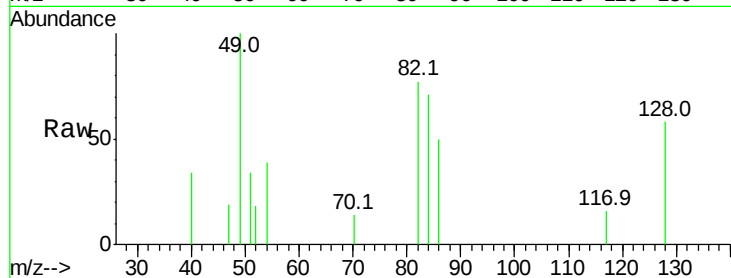
Tot Ion: 82 Resp: 2613

Ion Ratio Lower Upper

82 100

128 74.8 34.6 52.0#

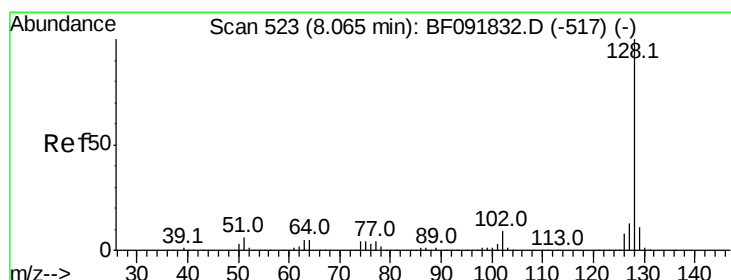
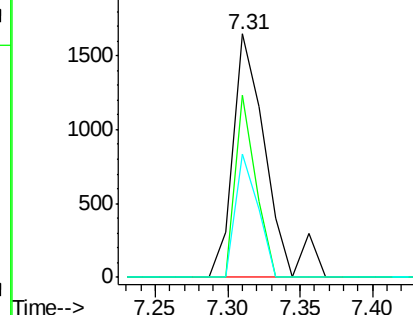
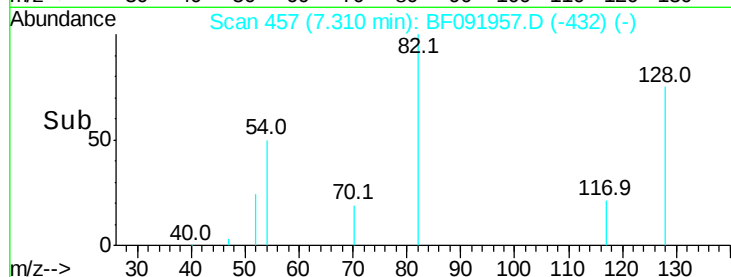
54 50.4 39.5 59.3



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: 30.13 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091957.D

Acq: 24 Dec 2016 7:49

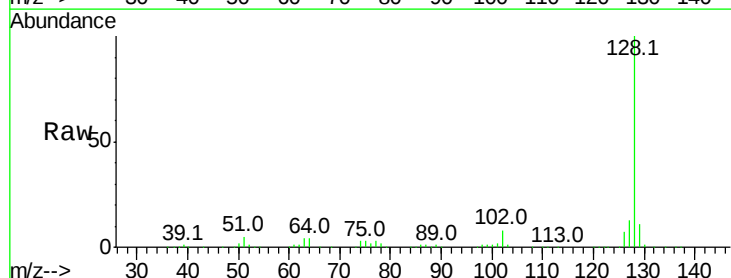
Tgt Ion:128 Resp: 1194268

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

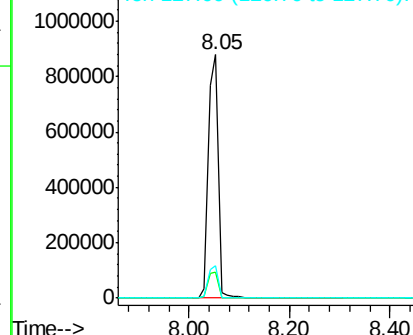
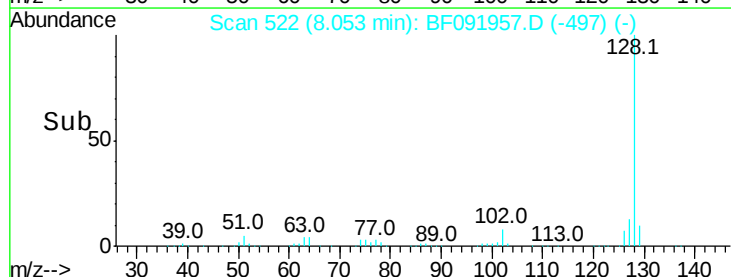
127 13.1 10.8 16.2

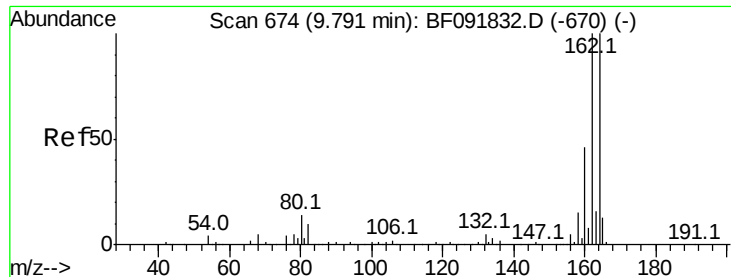


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

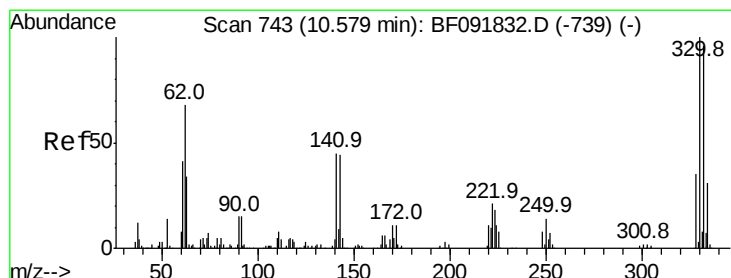
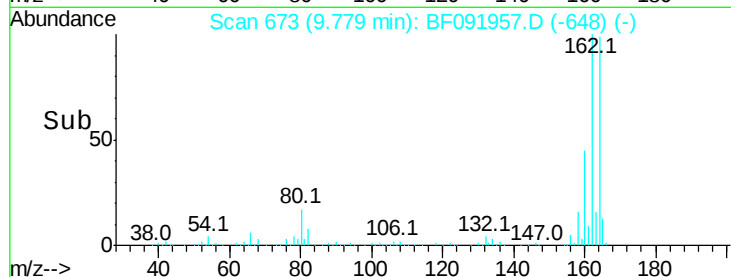
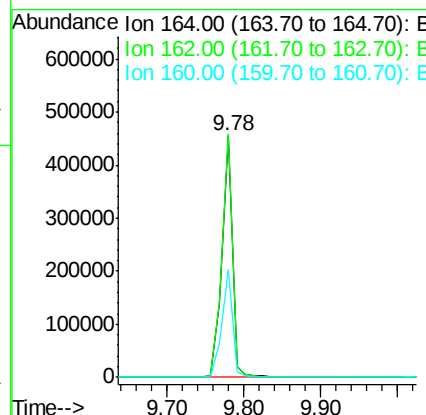
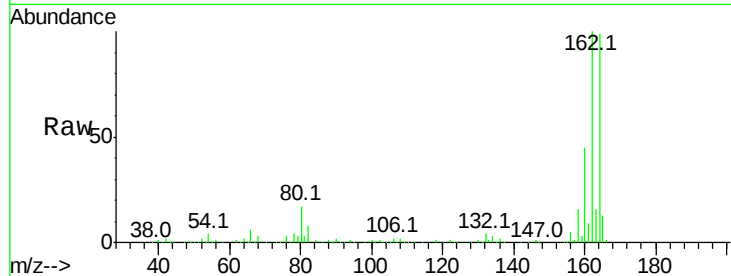




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091957.D
 Acq: 24 Dec 2016 7:49

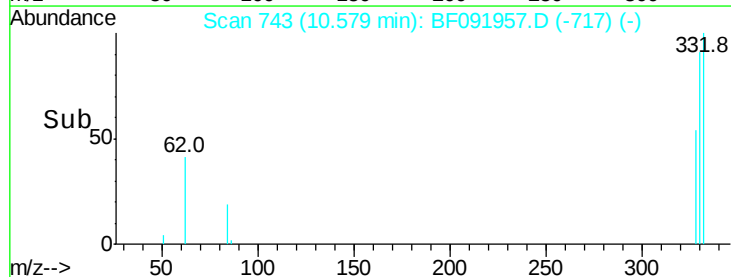
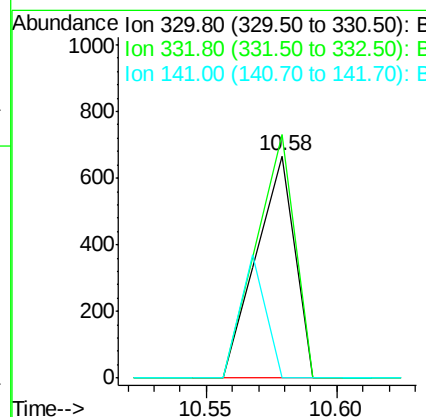
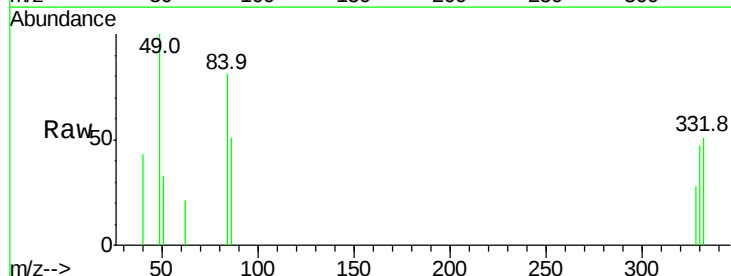
Instrument :
 BNA_F
 ClientSampleId :
 MW-11CDL

Tot Ion:164 Resp: 432584
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.2 120.2
 160 44.9 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 0.19 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091957.D
 Acq: 24 Dec 2016 7:49

Tgt Ion:330 Resp: 684
 Ion Ratio Lower Upper
 330 100
 332 109.6 77.4 116.2
 141 37.1 34.1 51.1

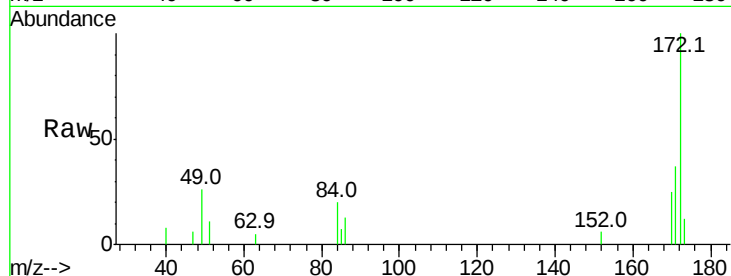




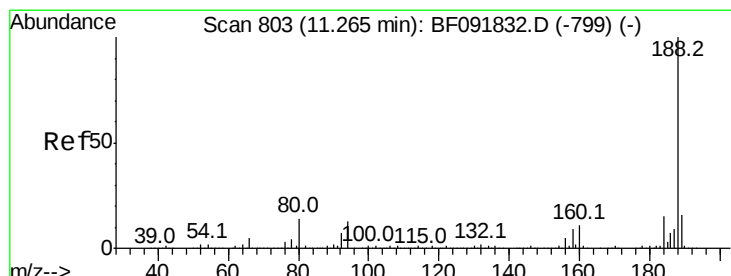
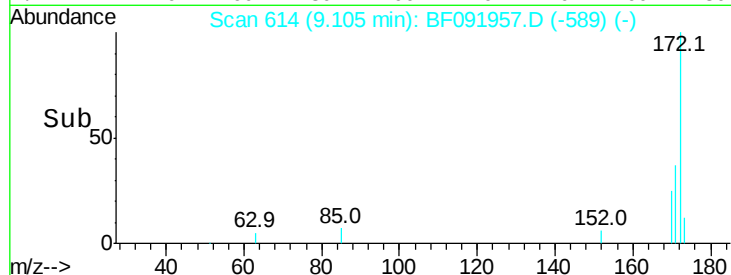
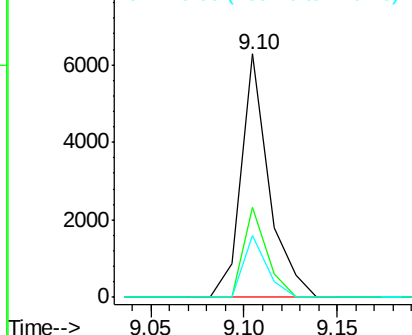
#44
 2-Fluorobiphenyl
 Concen: 0.29 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091957.D
 Acq: 24 Dec 2016 7:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-11CDL

Tot Ion:172 Resp: 6531
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.5 20.2 30.4

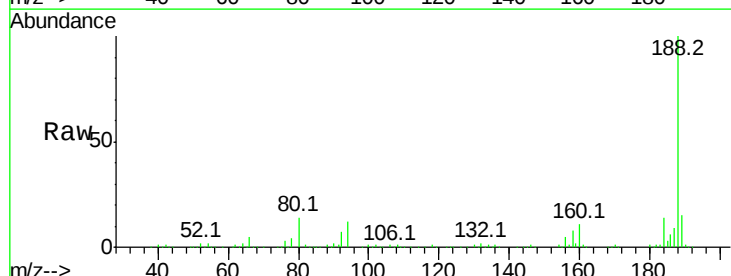


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

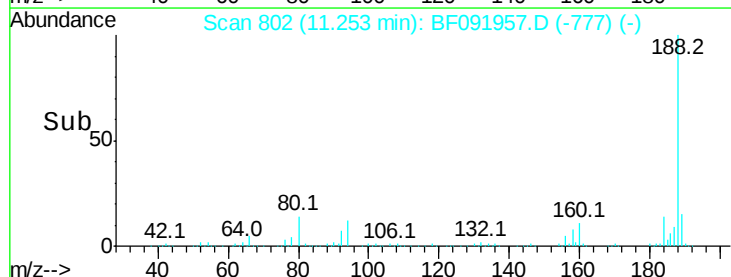
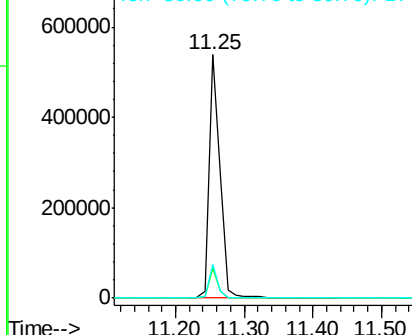


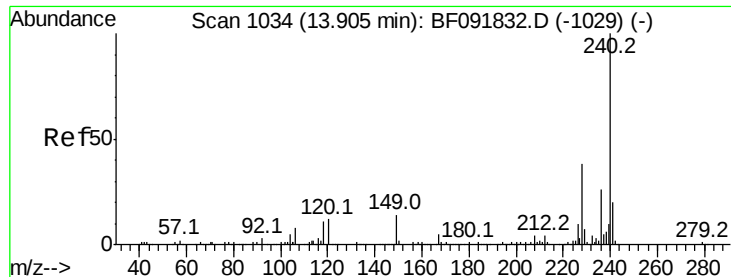
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091957.D
 Acq: 24 Dec 2016 7:49

Tgt Ion:188 Resp: 595253
 Ion Ratio Lower Upper
 188 100
 94 12.1 10.0 15.0
 80 13.8 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: BF091957.D

Acq: 24 Dec 2016 7:49

Instrument :

BNA_F

ClientSampleId :

MW-11CDL

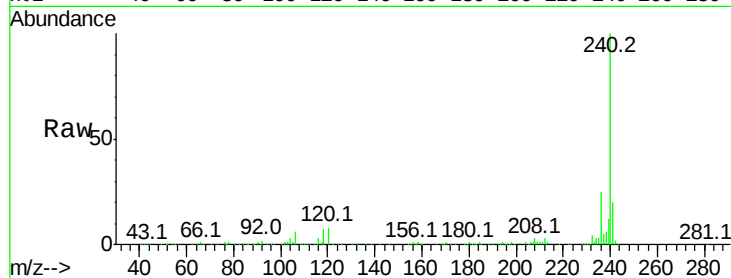
Tot Ion:240 Resp: 427357

Ion Ratio Lower Upper

240 100

120 8.3 12.9 19.3#

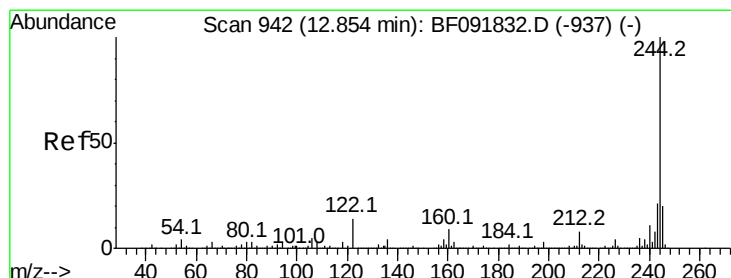
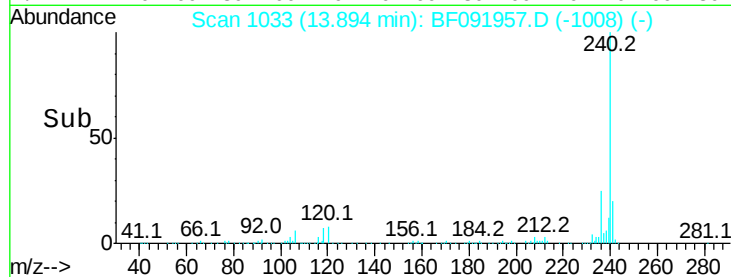
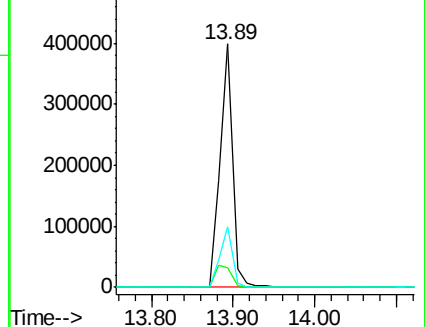
236 24.8 20.9 31.3



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: 0.22 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091957.D

Acq: 24 Dec 2016 7:49

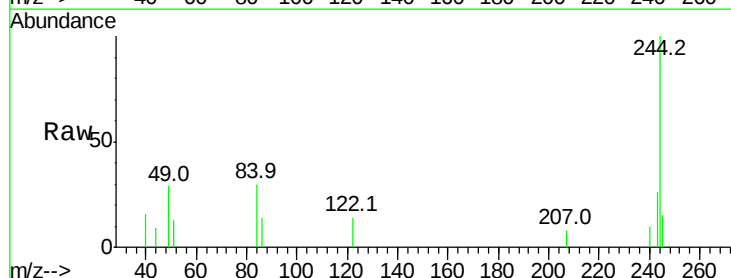
Tgt Ion:244 Resp: 3948

Ion Ratio Lower Upper

244 100

212 0.0 6.2 9.2#

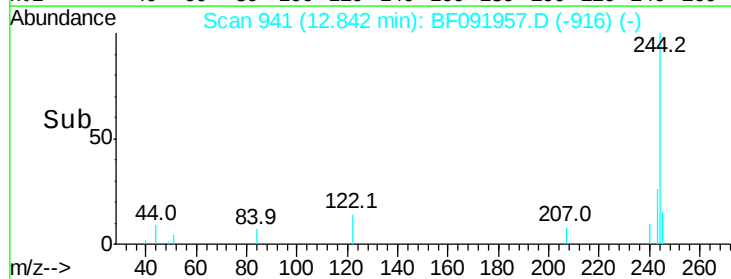
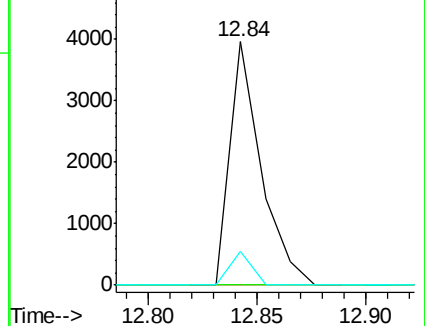
122 13.8 11.4 17.2

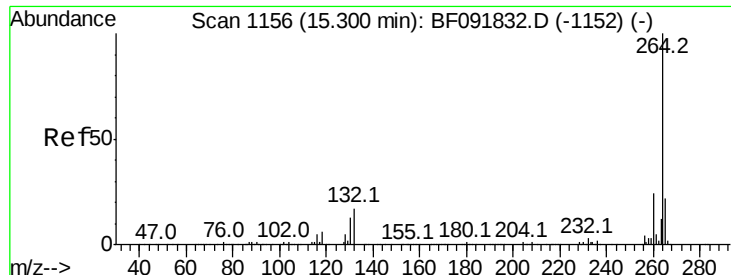


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

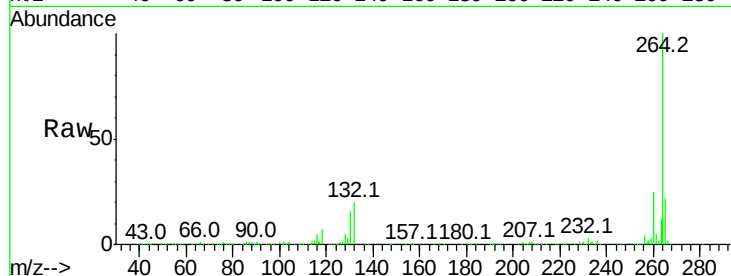




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091957.D
Acq: 24 Dec 2016 7:49

Instrument :
BNA_F
ClientSampleId :
MW-11CDL

Tot Ion:	264	Resp:	400218
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.1	17.4	26.0



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

