

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091863.D
 Acq On : 22 Dec 2016 4:50
 Operator : UM/SJ
 Sample : H6156-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Dec 22 05:55:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

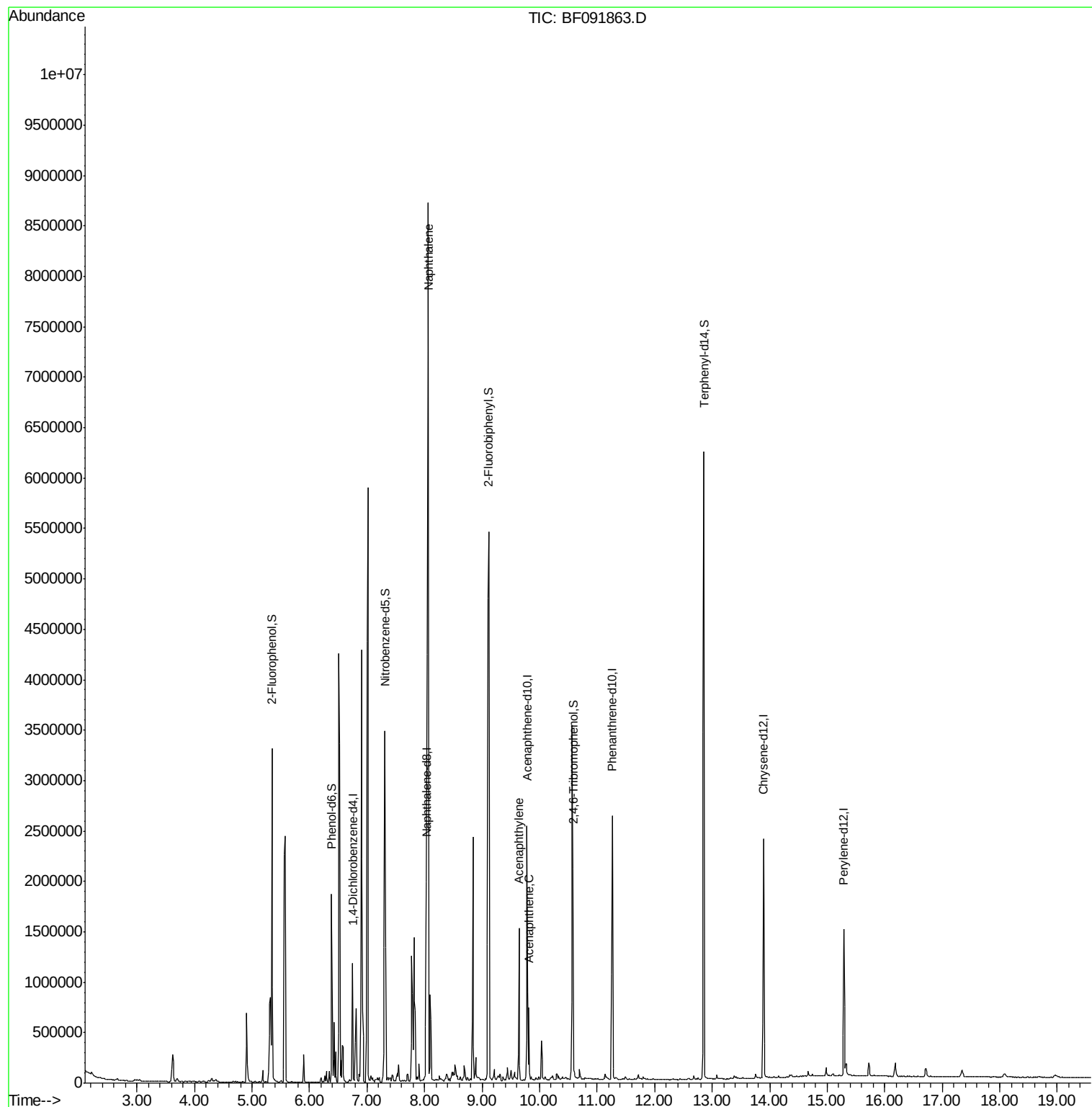
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	272120	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1170750	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	608303	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1047878	20.00	ng	0.00
75) Chrysene-d12	13.89	240	811237	20.00	ng	-0.01
86) Perylene-d12	15.29	264	656695	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	951563	58.39	ng	0.00
7) Phenol-d6	6.38	99	772752	38.84	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1456922	69.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	625299	124.21	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	2741659	93.66	ng	0.00
78) Terphenyl-d14	12.85	244	2270610	67.88	ng	0.00
Target Compounds						
31) Naphthalene	8.06	128	6255720	116.75	ng	97
48) Acenaphthylene	9.64	152	600040	11.83	ng	98
51) Acenaphthene	9.81	154	154906	4.50	ng	100

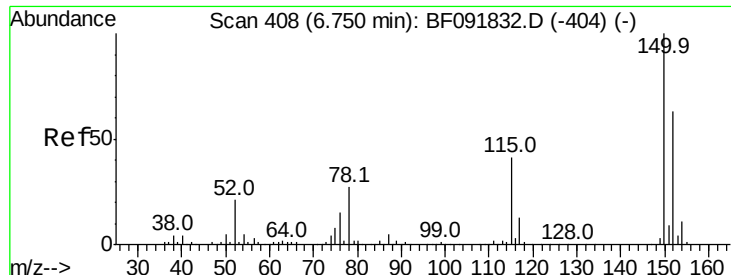
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

Instrument :

BNA_F

ClientSampleId :

MW-18

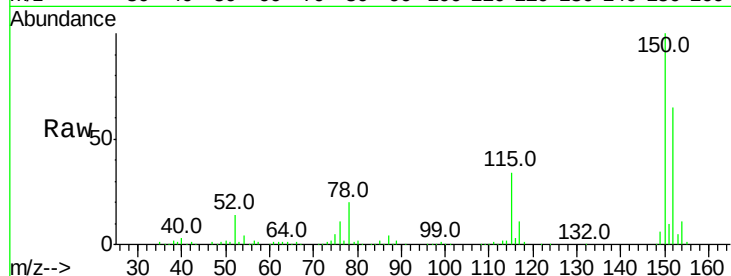
Tot Ion:152 Resp: 272120

Ion Ratio Lower Upper

152 100

150 152.9 124.9 187.3

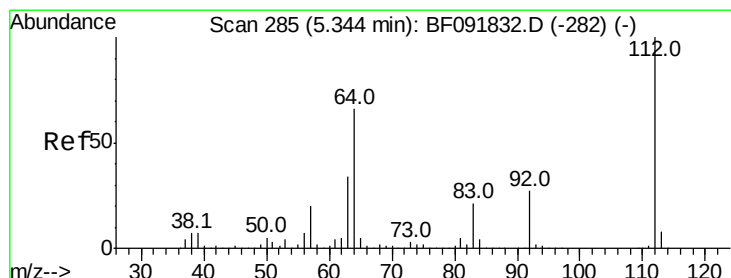
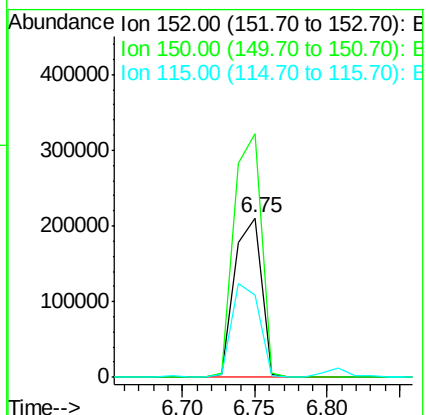
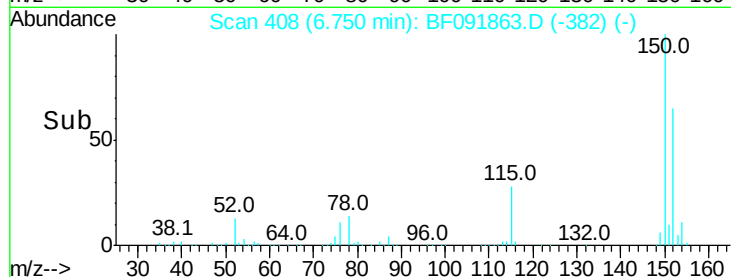
115 51.5 46.0 69.0



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: 58.39 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

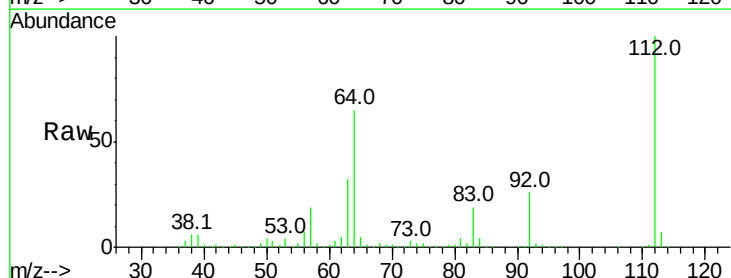
Tgt Ion:112 Resp: 951563

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

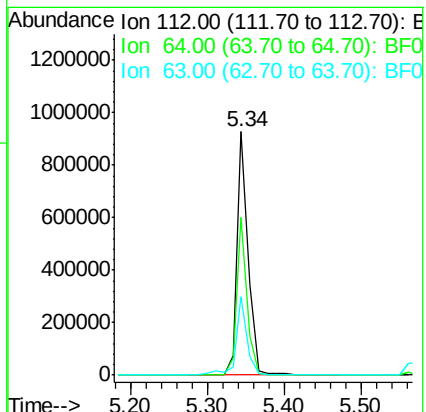
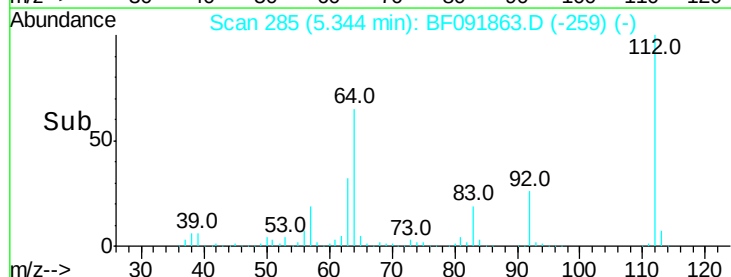
63 32.0 23.8 35.6

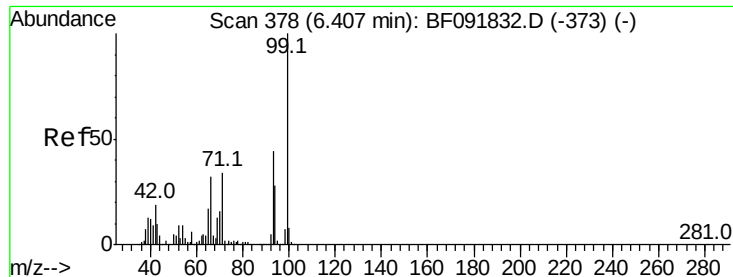


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.84 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

Instrument :

BNA_F

ClientSampleId :

MW-18

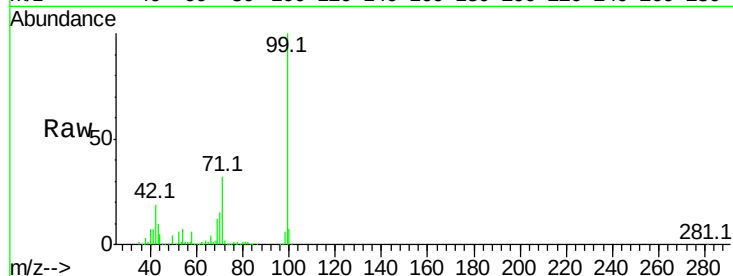
Tot Ion: 99 Resp: 772752

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

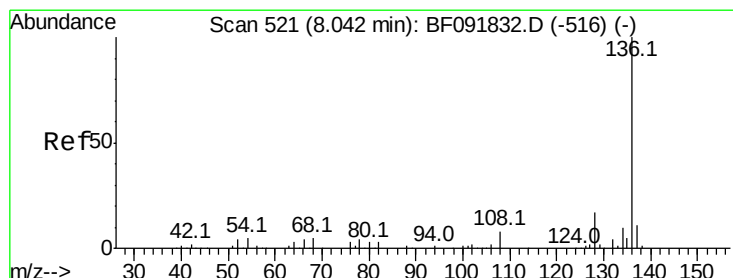
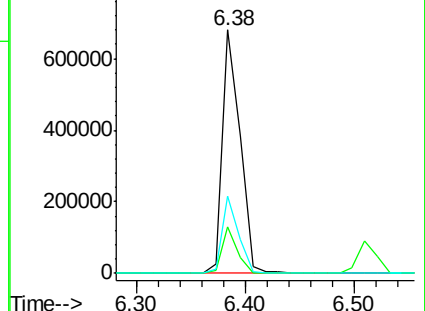
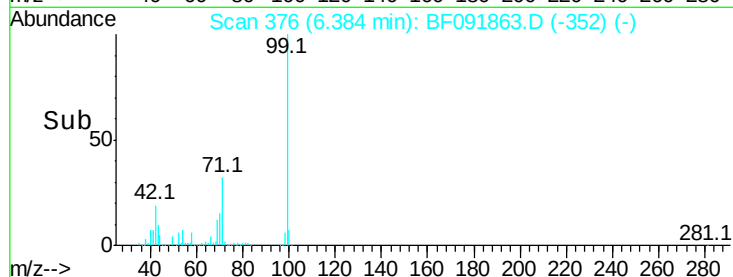
71 31.6 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

Tgt Ion: 136 Resp: 1170750

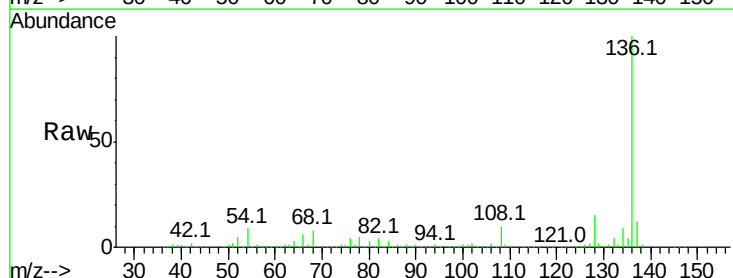
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 9.3 4.5 6.7#

68 7.9 3.6 5.4#

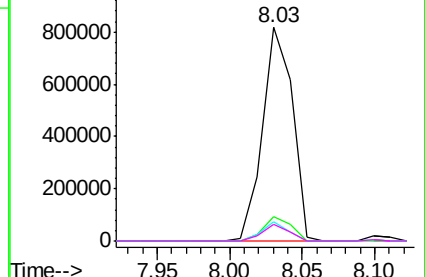
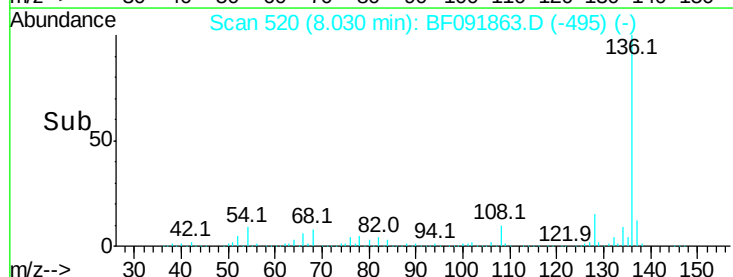


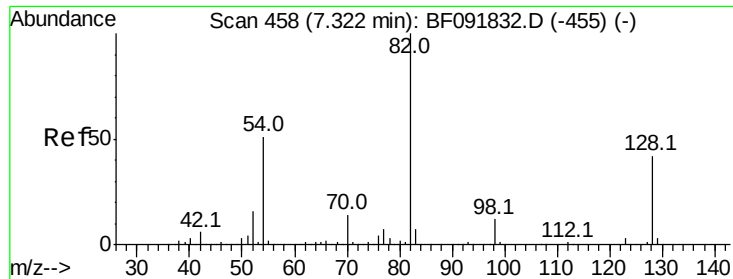
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 69.20 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

Instrument :

BNA_F

ClientSampleId :

MW-18

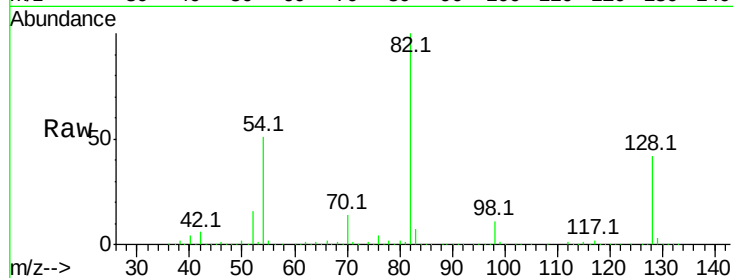
Tot Ion: 82 Resp: 1456922

Ion Ratio Lower Upper

82 100

128 42.0 34.6 52.0

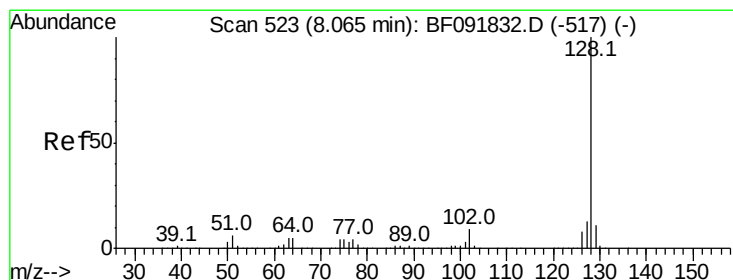
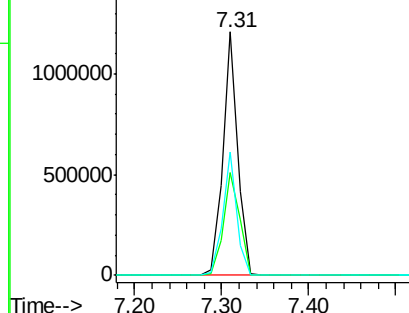
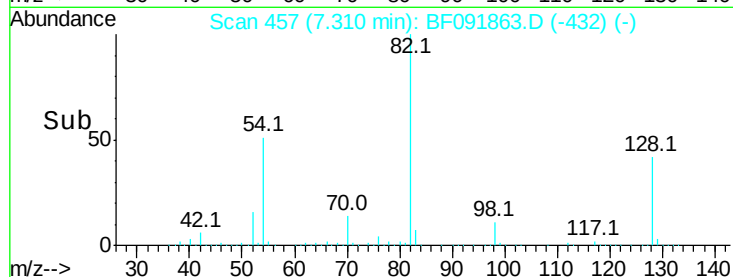
54 50.6 39.5 59.3



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: 116.75 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

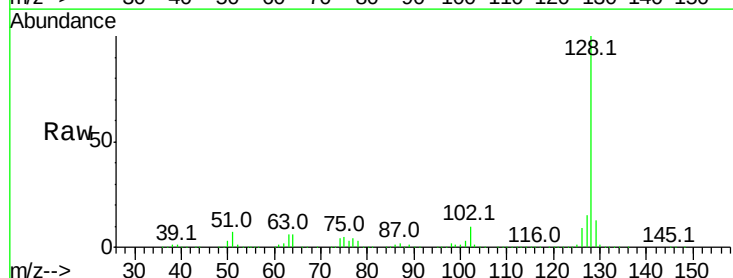
Tgt Ion:128 Resp: 6255720

Ion Ratio Lower Upper

128 100

129 12.6 9.5 14.3

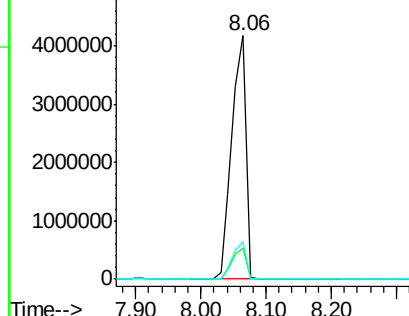
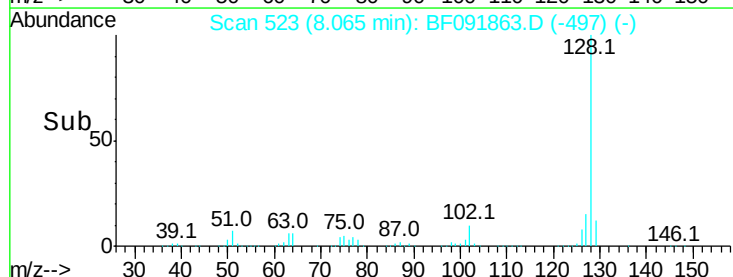
127 15.2 10.8 16.2

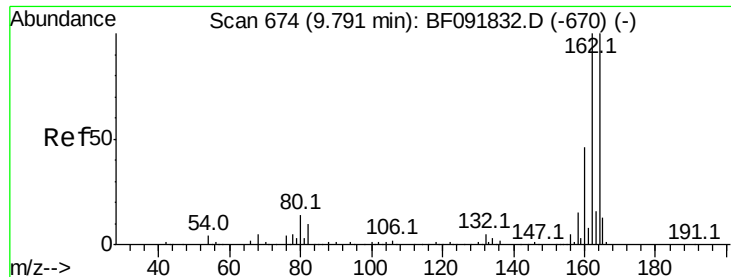


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

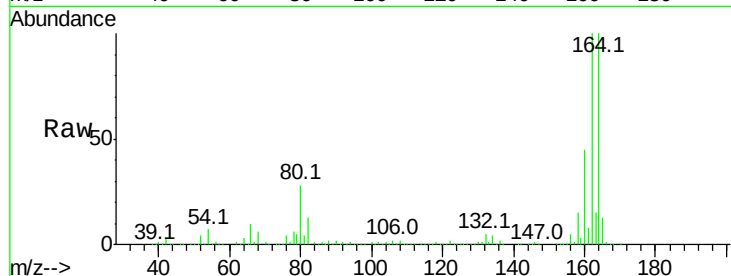




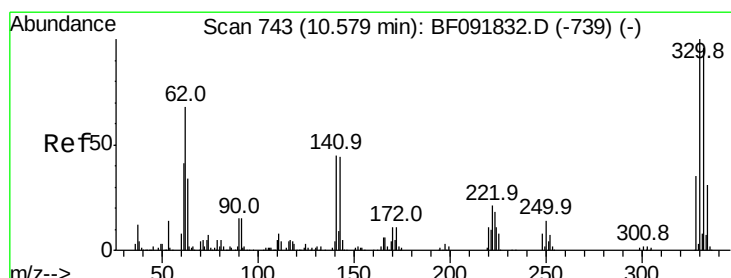
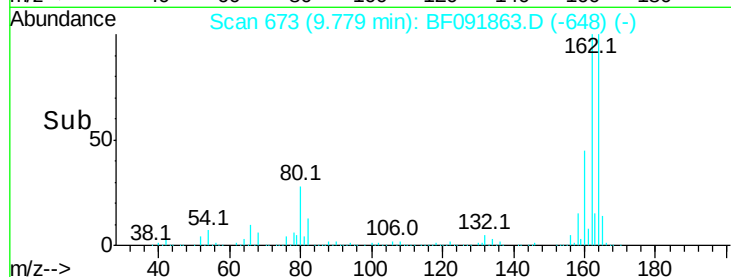
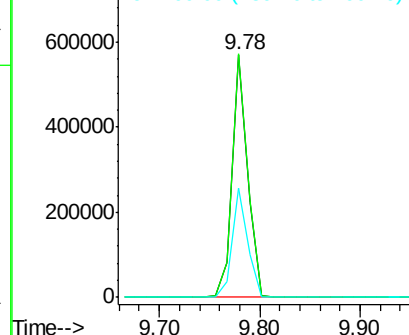
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091863.D
Acq: 22 Dec 2016 4:50

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion:164 Resp: 608303
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 45.1 36.9 55.3

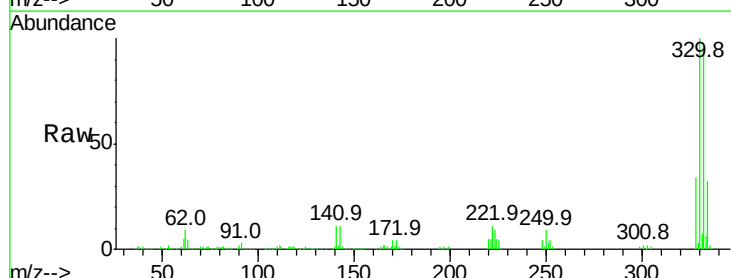


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

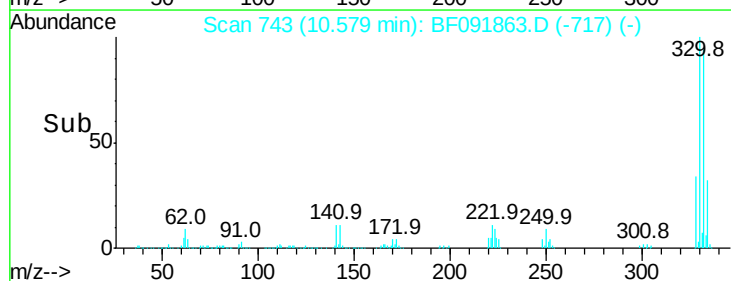
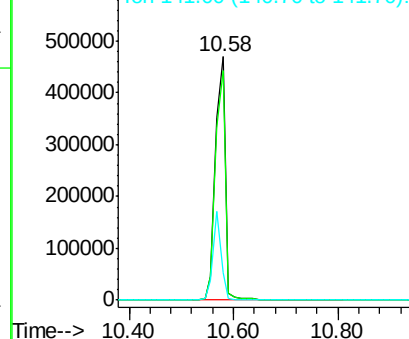


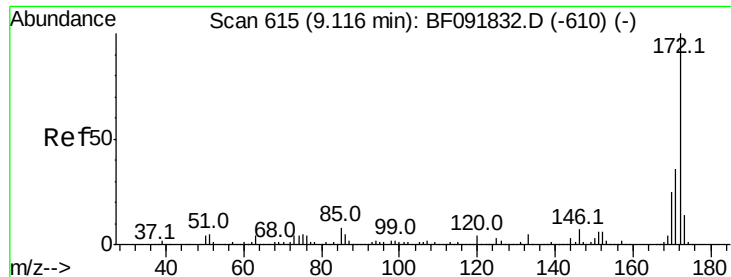
#41
2,4,6-Tribromophenol
Concen: 124.21 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF091863.D
Acq: 22 Dec 2016 4:50

Tgt Ion:330 Resp: 625299
Ion Ratio Lower Upper
330 100
332 94.8 77.4 116.2
141 30.6 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

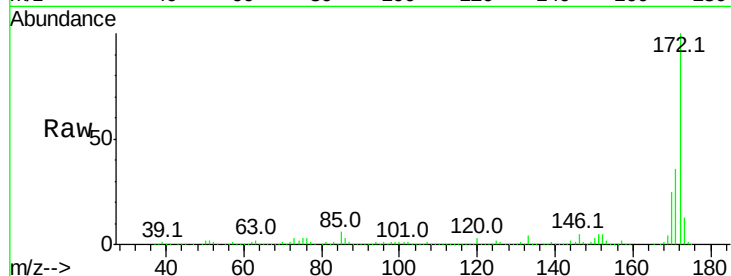




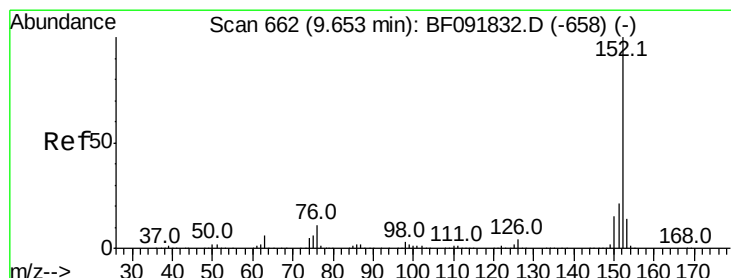
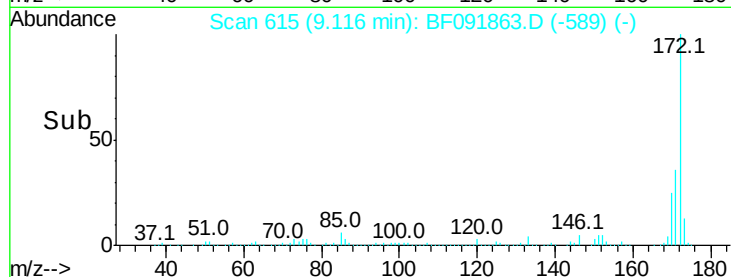
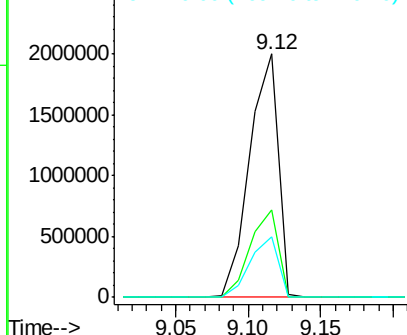
#44
2-Fluorobiphenyl
Concen: 93.66 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091863.D
Acq: 22 Dec 2016 4:50

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion:172 Resp: 2741659
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.8 20.2 30.4

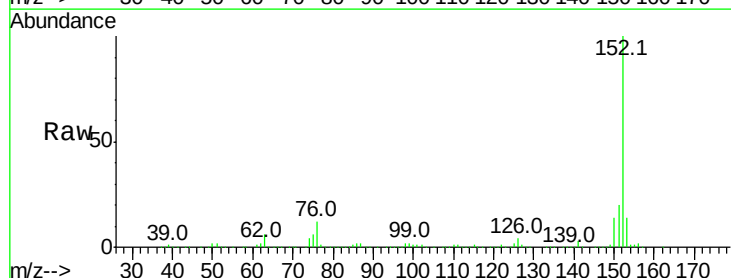


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

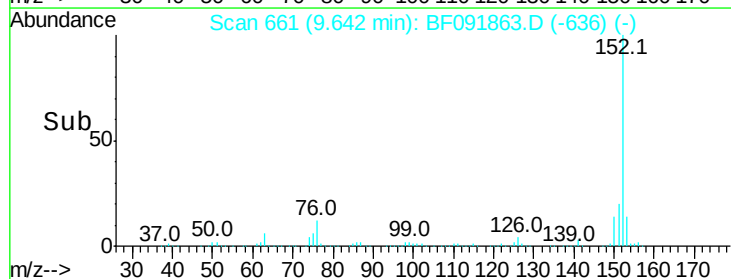
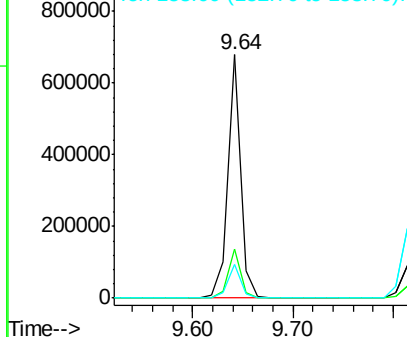


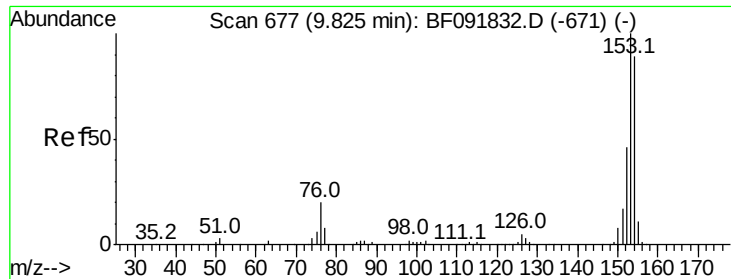
#48
Acenaphthylene
Concen: 11.83 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091863.D
Acq: 22 Dec 2016 4:50

Tgt Ion:152 Resp: 600040
Ion Ratio Lower Upper
152 100
151 20.0 16.9 25.3
153 14.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 4.50 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

Instrument :

BNA_F

ClientSampleId :

MW-18

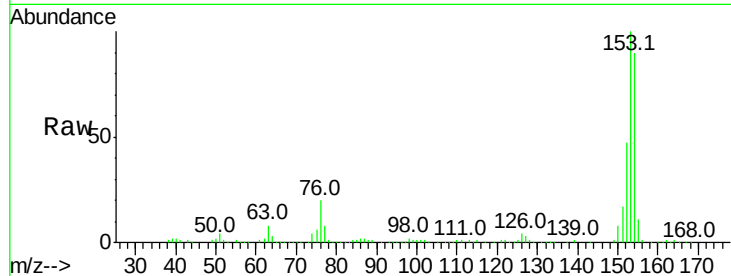
Tot Ion:154 Resp: 154906

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

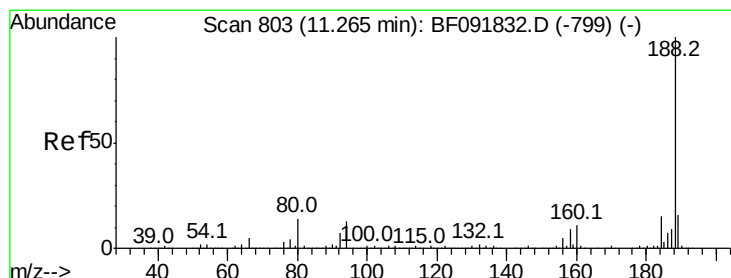
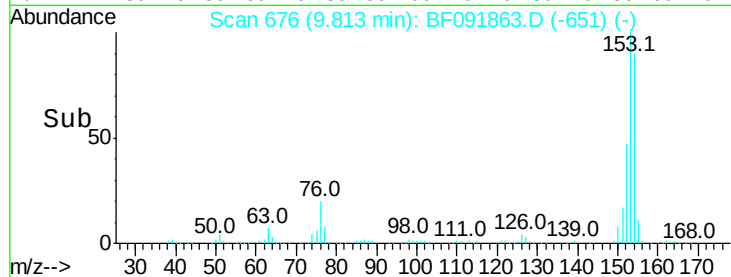
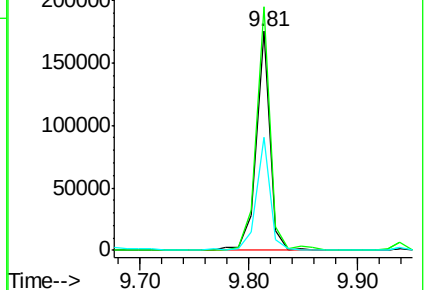
152 51.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

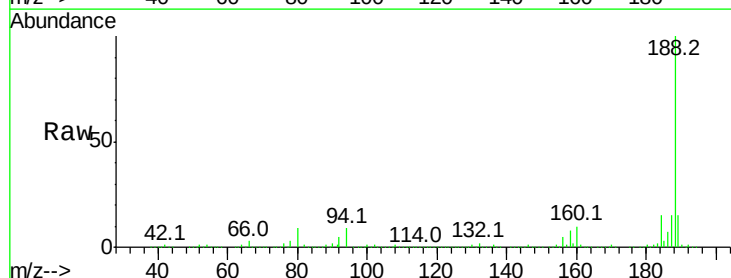
Tgt Ion:188 Resp: 1047878

Ion Ratio Lower Upper

188 100

94 9.4 10.0 15.0#

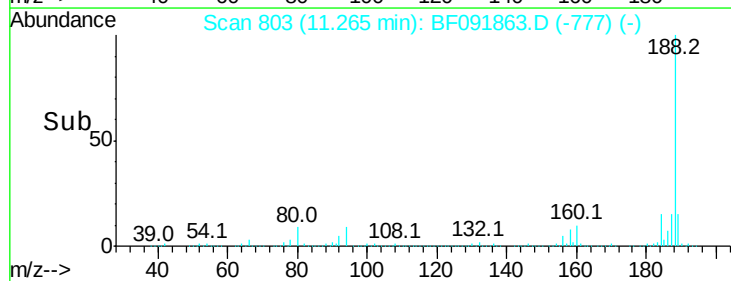
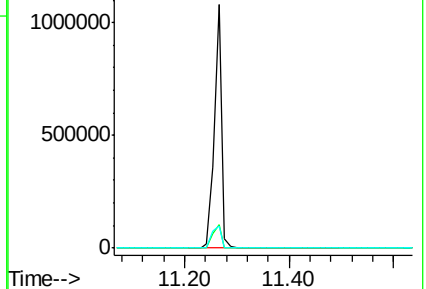
80 9.3 11.2 16.8#

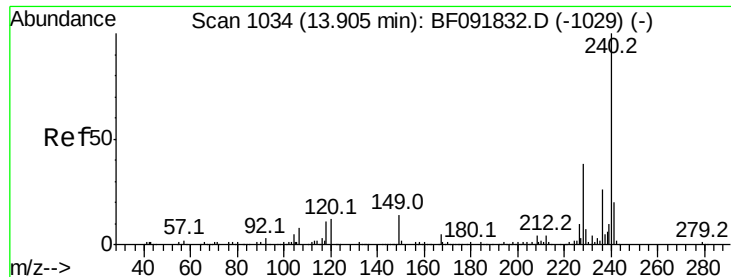


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091863.D

Acq: 22 Dec 2016 4:50

Instrument :

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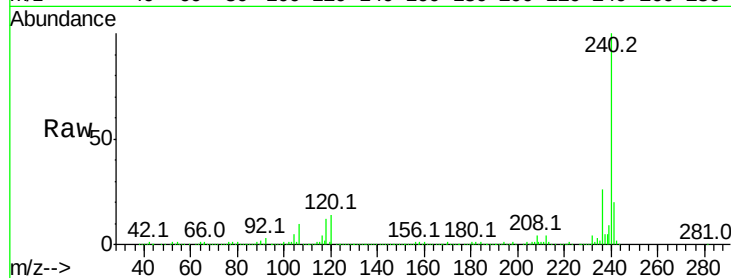
Tot Ion:240 Resp: 811237

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

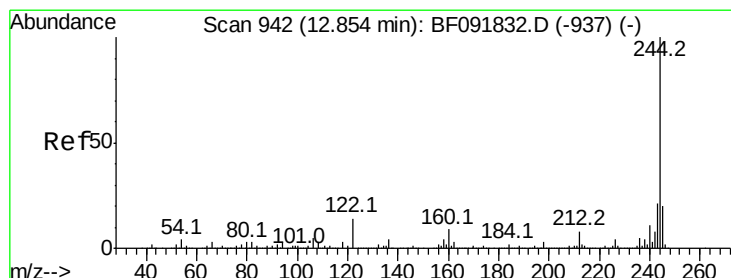
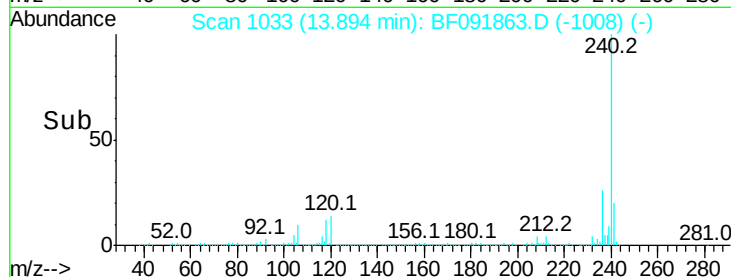
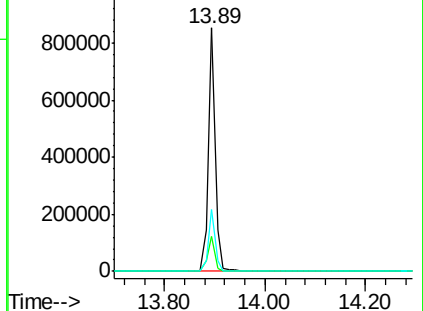
236 25.5 20.9 31.3



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: 67.88 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091863.D

Acq: 22 Dec 2016 4:50

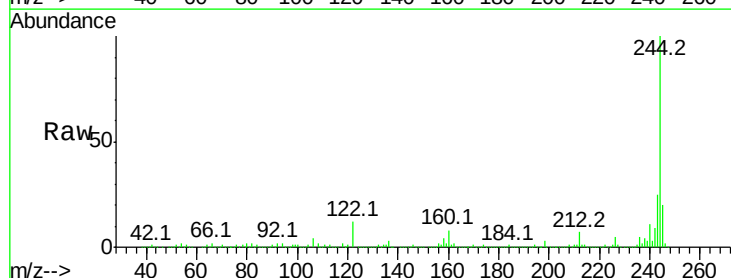
Tgt Ion:244 Resp: 2270610

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

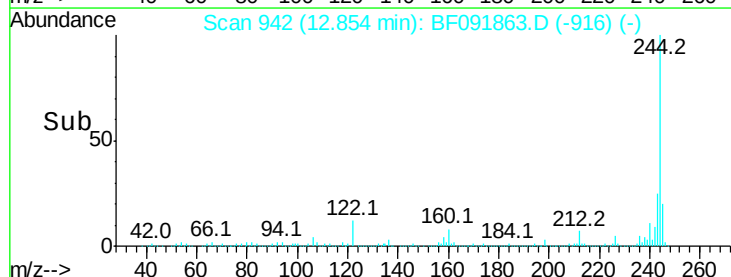
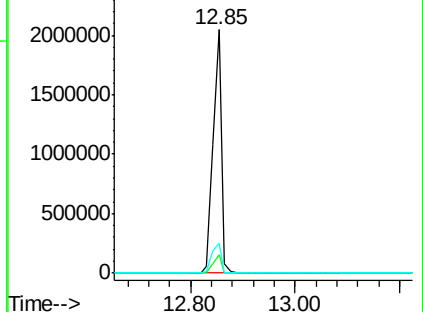
122 12.3 11.4 17.2

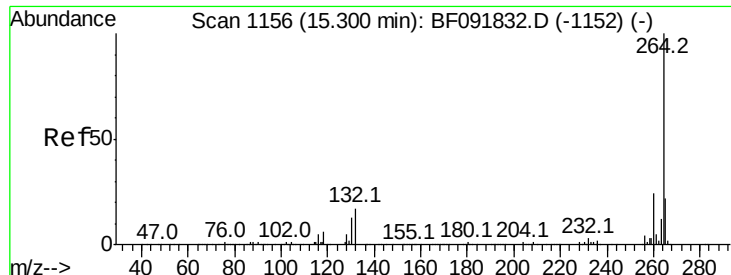


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

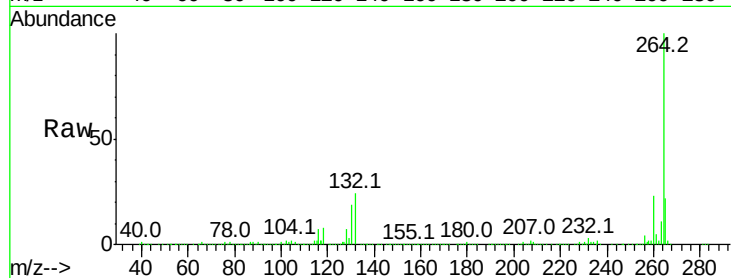




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091863.D
Acq: 22 Dec 2016 4:50

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	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

