

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091865.D
 Acq On : 22 Dec 2016 5:45
 Operator : UM/SJ
 Sample : H6156-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Quant Time: Dec 22 06:41:33 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

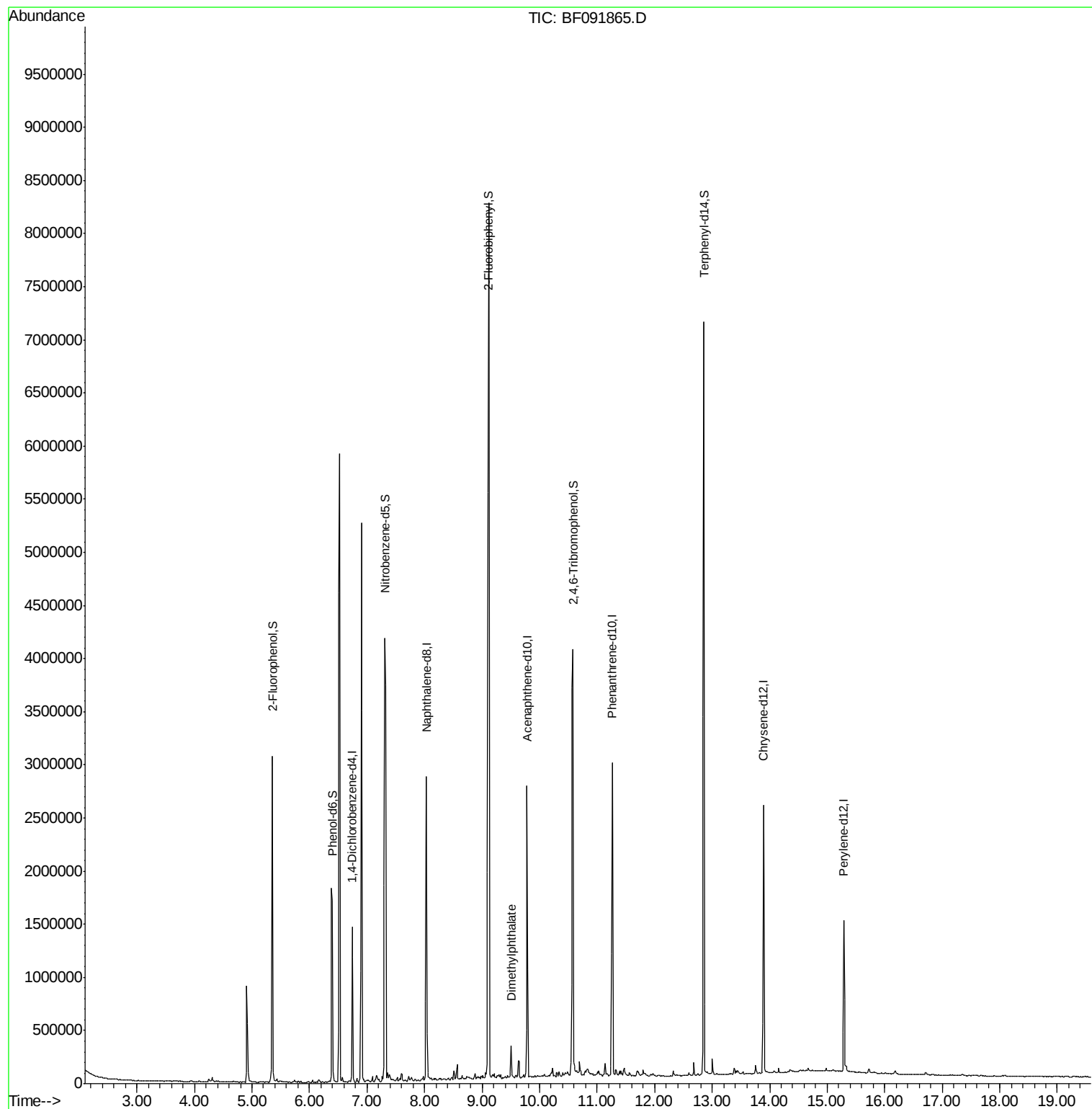
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	307496	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1389645	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	684940	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1151227	20.00	ng	0.00
75) Chrysene-d12	13.89	240	843415	20.00	ng	-0.01
86) Perylene-d12	15.29	264	645596	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1312961	71.29	ng	0.01
7) Phenol-d6	6.40	99	972127	43.24	ng	-0.01
23) Nitrobenzene-d5	7.31	82	2456433	98.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	793108	139.92	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3595407	111.59	ng	0.00
78) Terphenyl-d14	12.85	244	2492513	71.67	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	113685	2.60	ng	99

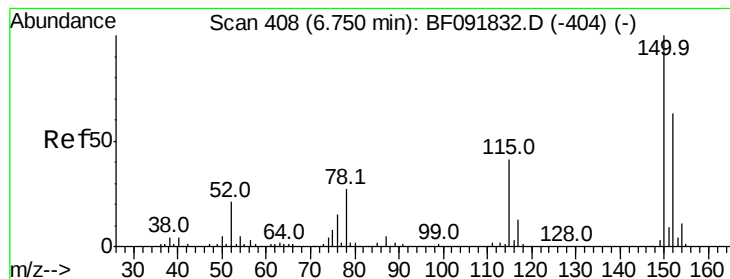
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091865.D

Acq: 22 Dec 2016 5:45

Instrument :

BNA_F

ClientSampleId :

MW-12B

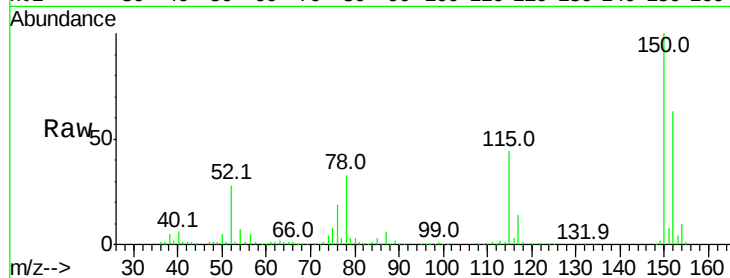
Tot Ion:152 Resp: 307496

Ion Ratio Lower Upper

152 100

150 159.0 124.9 187.3

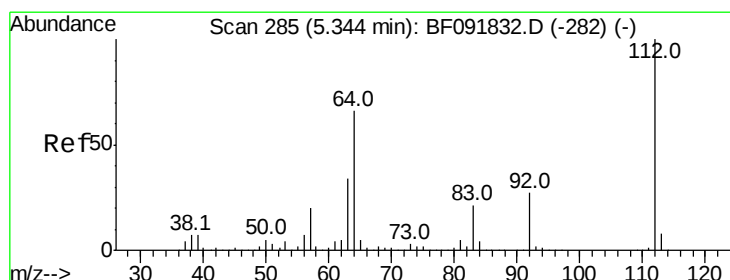
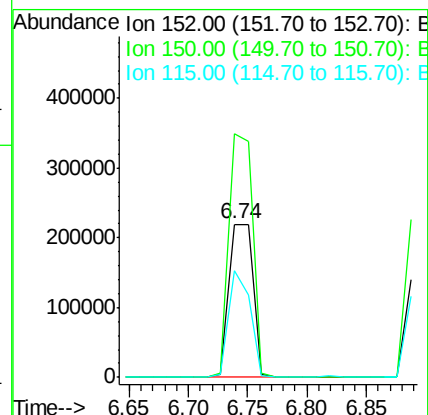
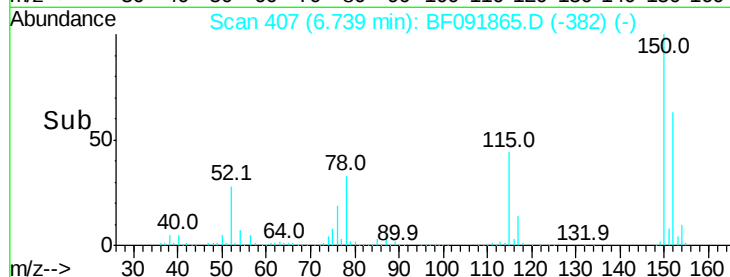
115 69.8 46.0 69.0#



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: 71.29 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

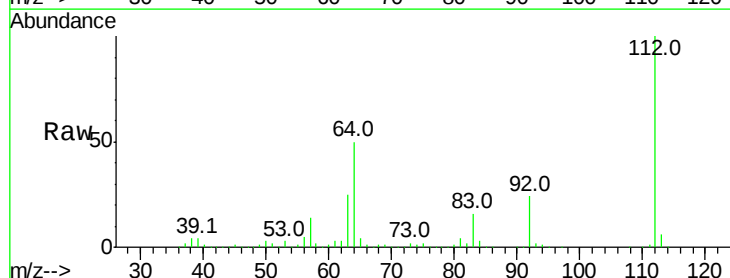
Tgt Ion:112 Resp: 1312961

Ion Ratio Lower Upper

112 100

64 49.6 46.1 69.1

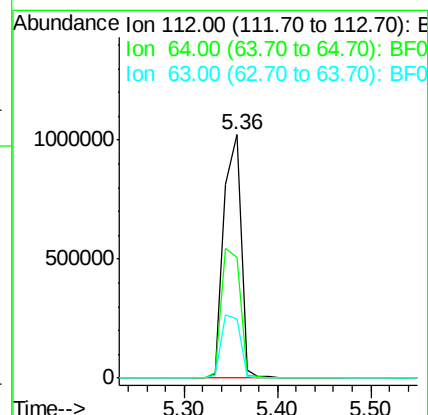
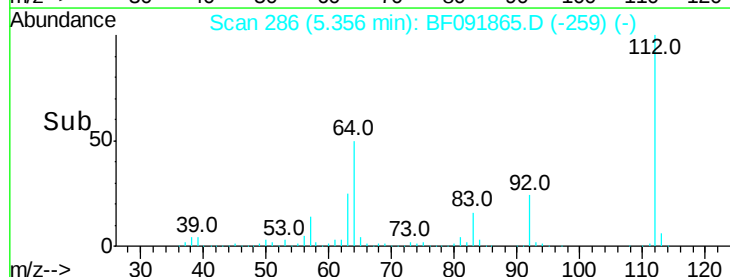
63 24.6 23.8 35.6



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: 43.24 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

Instrument :

BNA_F

ClientSampleId :

MW-12B

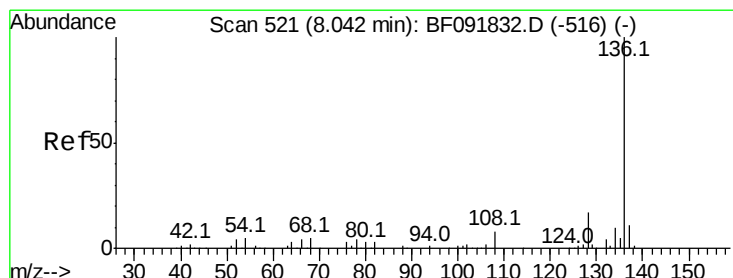
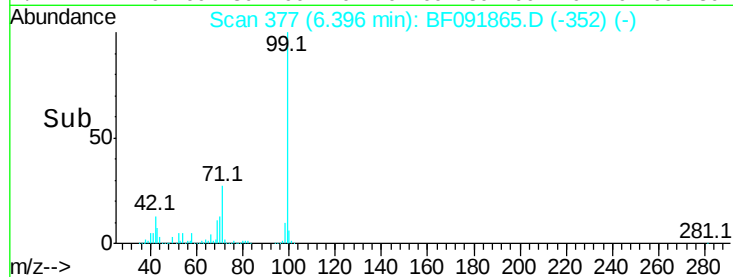
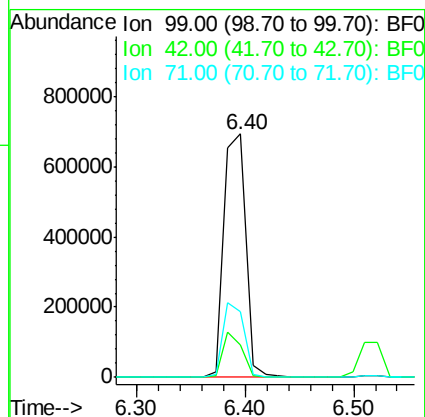
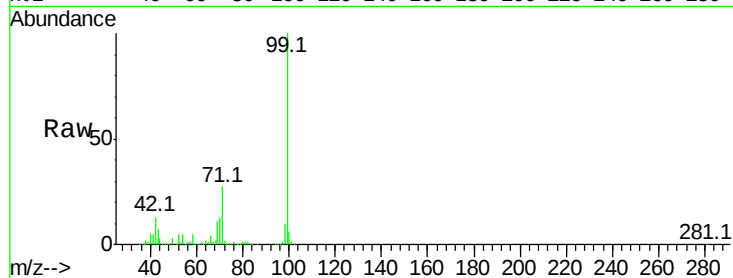
Tot Ion: 99 Resp: 972127

Ion Ratio Lower Upper

99 100

42 13.2 15.6 23.4#

71 26.8 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: BF091865.D

Acq: 22 Dec 2016 5:45

Tgt Ion: 136 Resp: 1389645

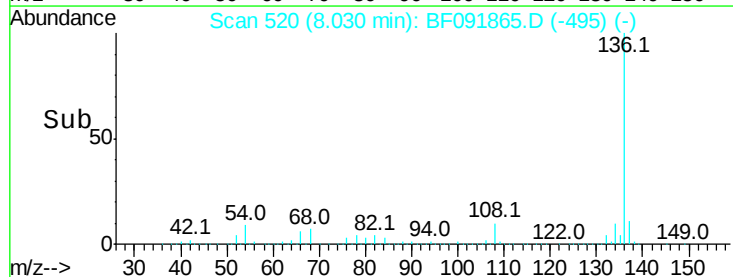
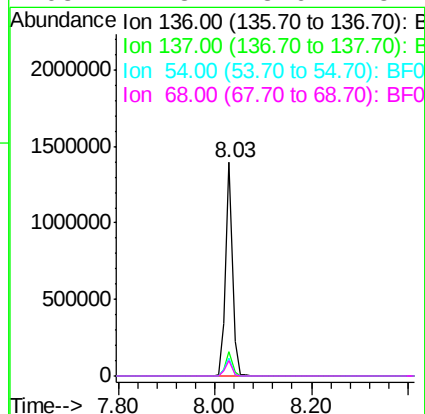
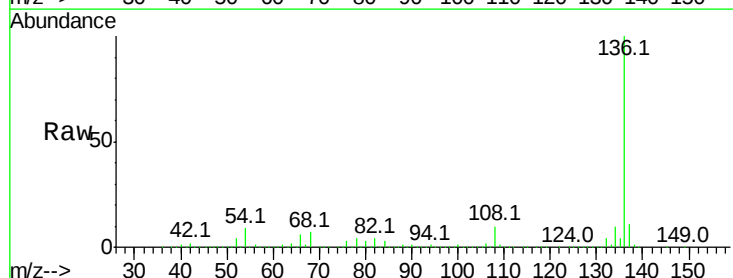
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.7 4.5 6.7#

68 7.3 3.6 5.4#



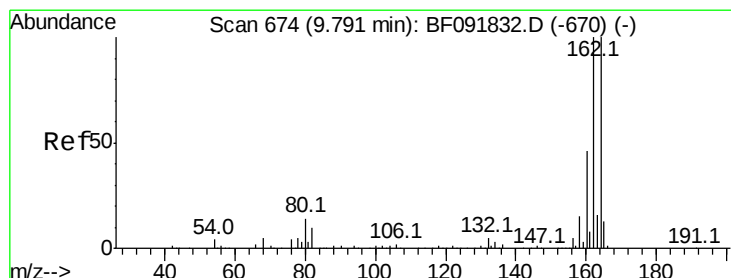
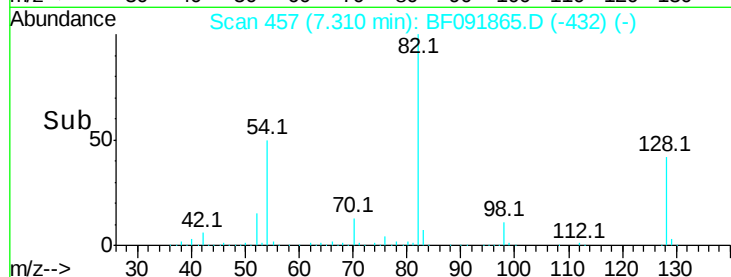
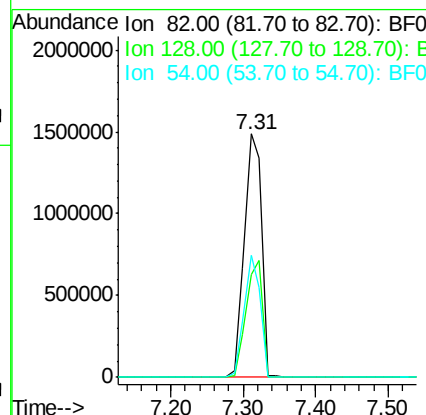
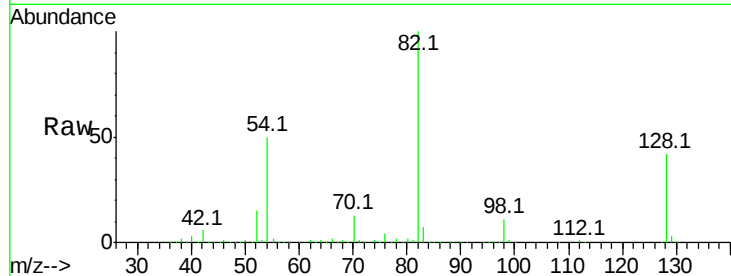


#23
 Nitrobenzene-d5
 Concen: 98.29 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Tot Ion: 82 Resp: 2456433

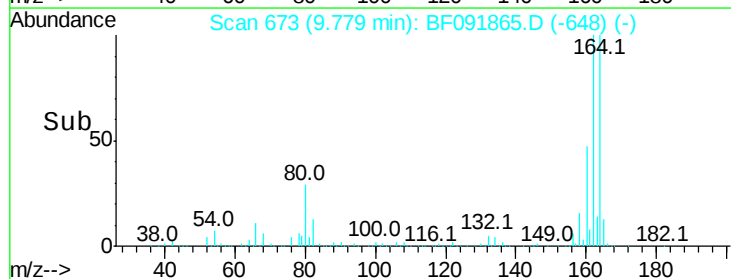
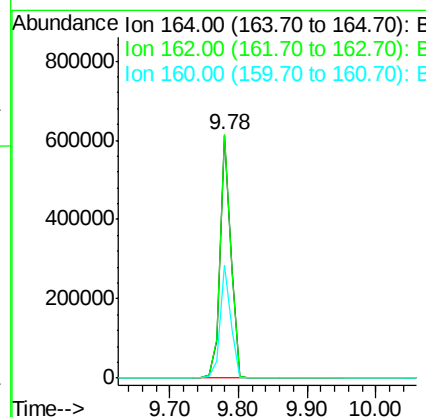
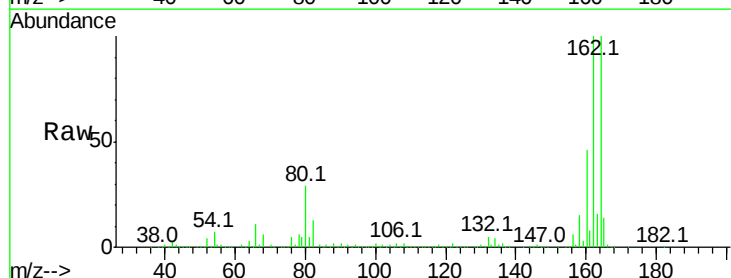
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	49.9	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Tgt Ion: 164 Resp: 684940

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	46.5	36.9	55.3

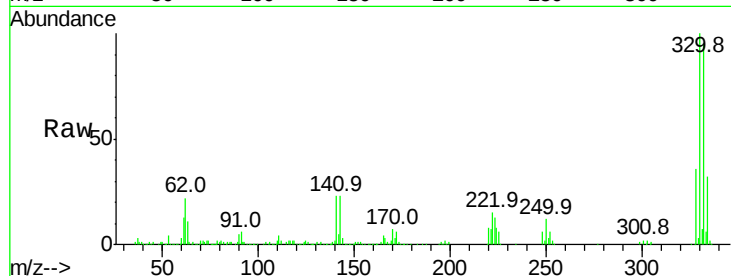




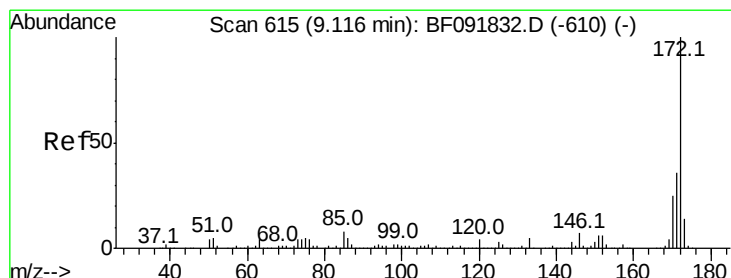
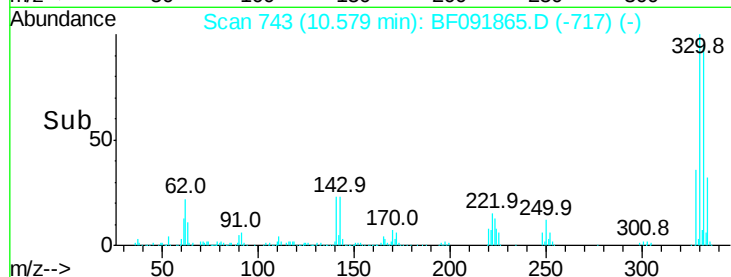
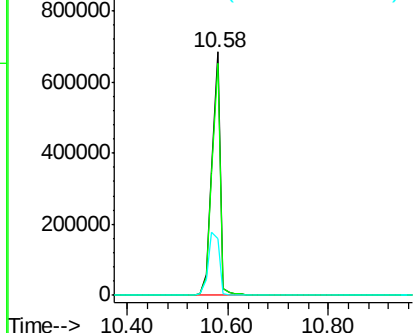
#41
 2,4,6-Tribromophenol
 Concen: 139.92 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Tot Ion:330 Resp: 793108
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 34.2 34.1 51.1

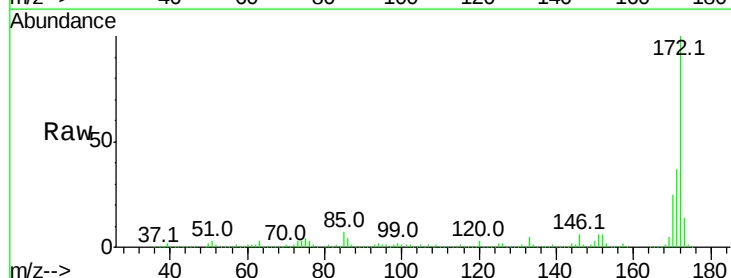


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

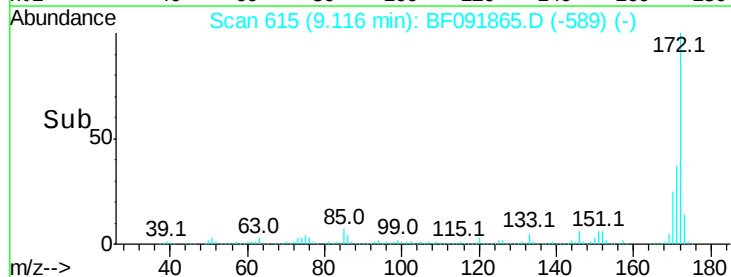
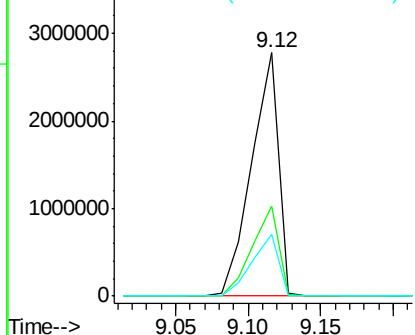


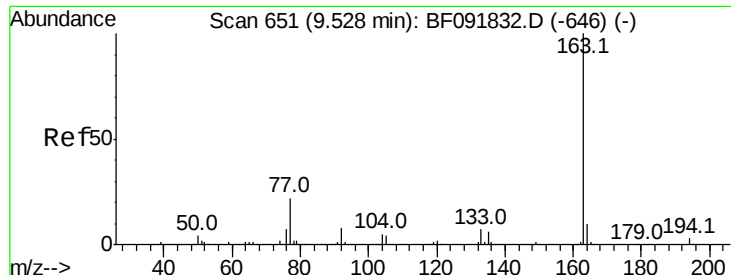
#44
 2-Fluorobiphenyl
 Concen: 111.59 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Tgt Ion:172 Resp: 3595407
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 25.4 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

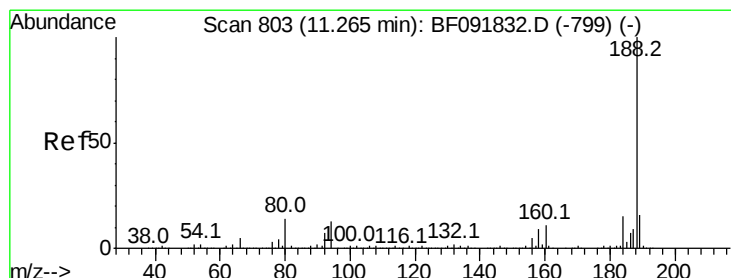
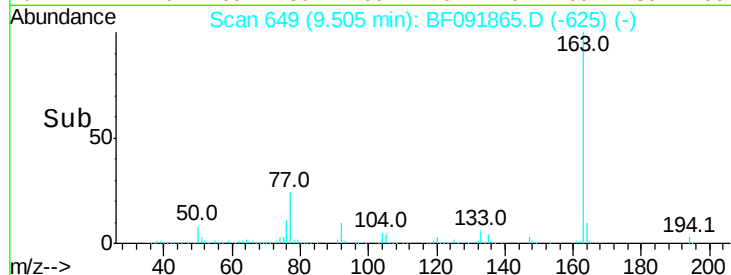
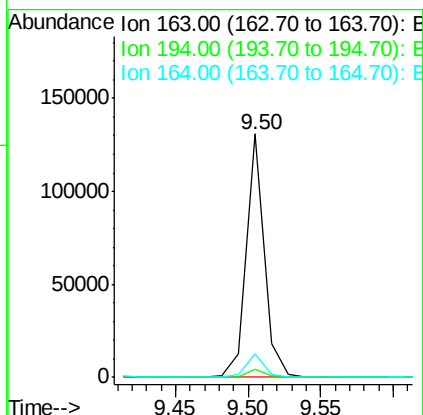
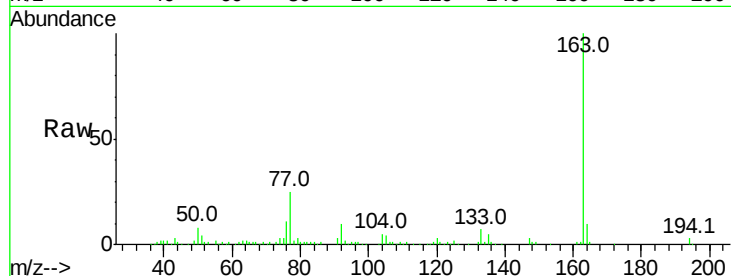




#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091865.D
Acq: 22 Dec 2016 5:45

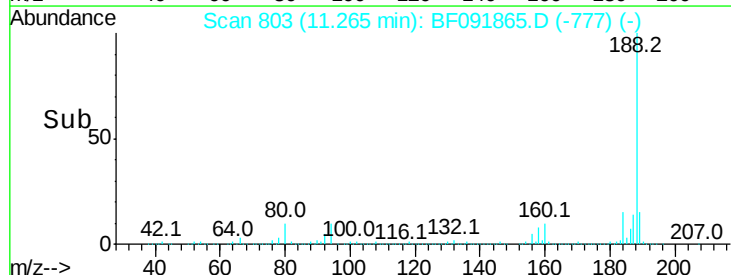
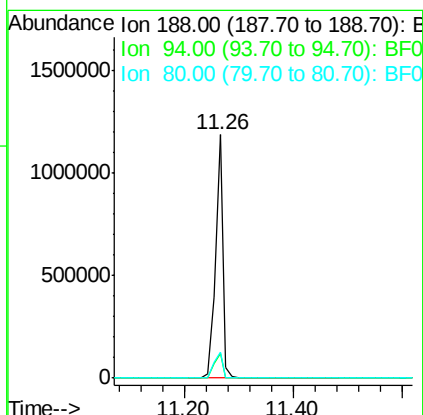
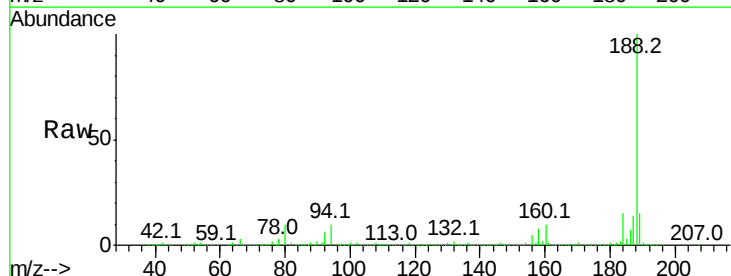
Instrument :
BNA_F
ClientSampleId :
MW-12B

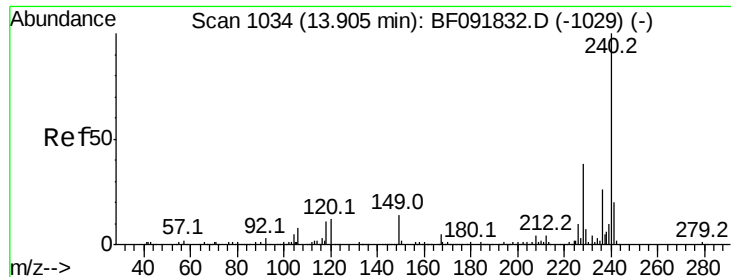
Tot Ion:163 Resp: 113685
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 9.8 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF091865.D
Acq: 22 Dec 2016 5:45

Tgt Ion:188 Resp: 1151227
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 10.5 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

Instrument :

BNA_F

ClientSampleId :

MW-12B

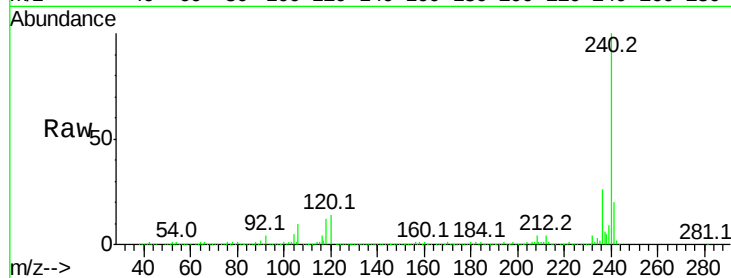
Tot Ion:240 Resp: 843415

Ion Ratio Lower Upper

240 100

120 14.2 12.9 19.3

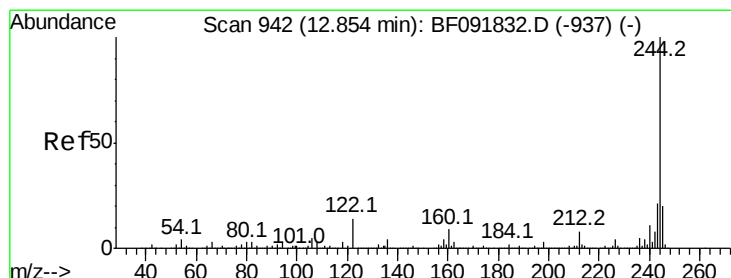
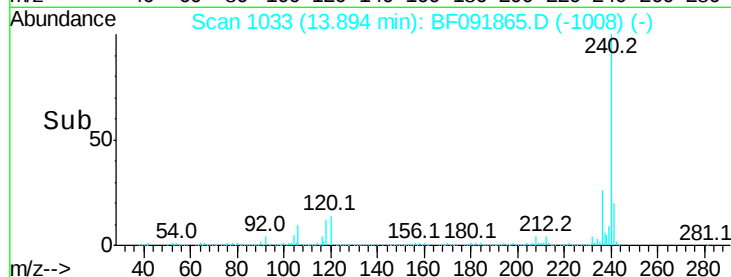
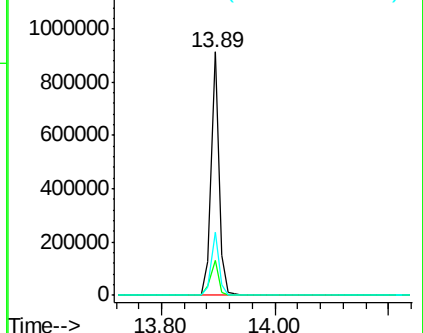
236 26.0 20.9 31.3



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: 71.67 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF091865.D

Acq: 22 Dec 2016 5:45

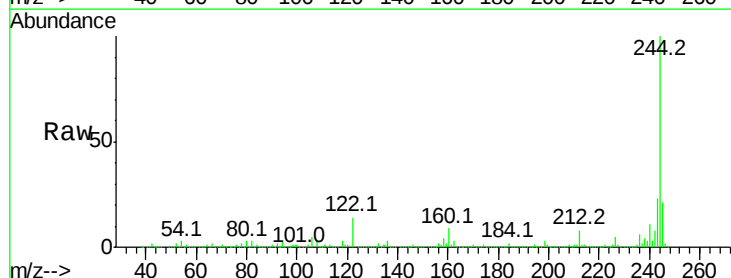
Tgt Ion:244 Resp: 2492513

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

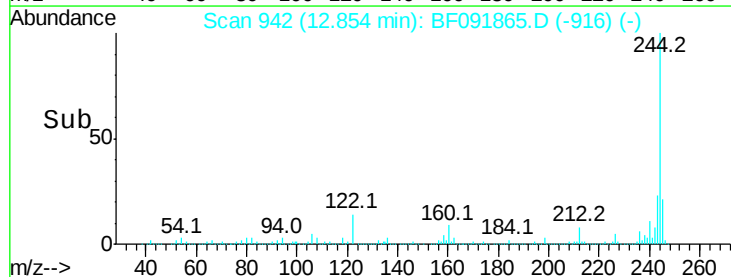
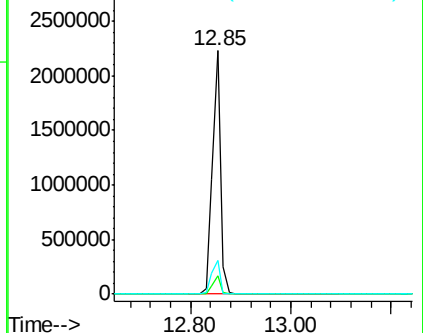
122 13.9 11.4 17.2

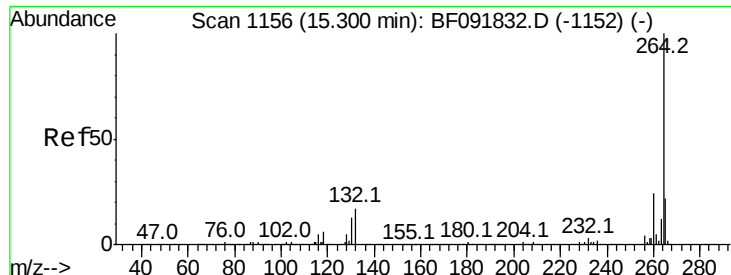


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

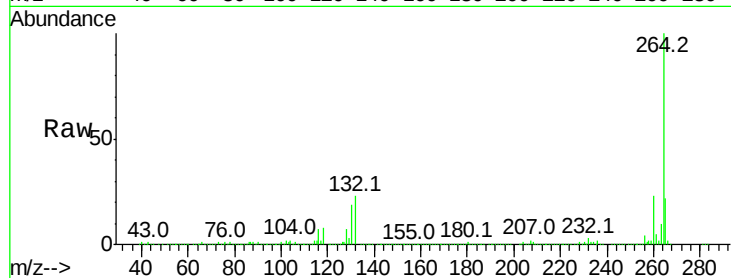




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091865.D
 Acq: 22 Dec 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.7	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

