

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091874.D
 Acq On : 22 Dec 2016 9:50
 Operator : UM/SJ
 Sample : H6156-20
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Dec 22 16:18:19 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

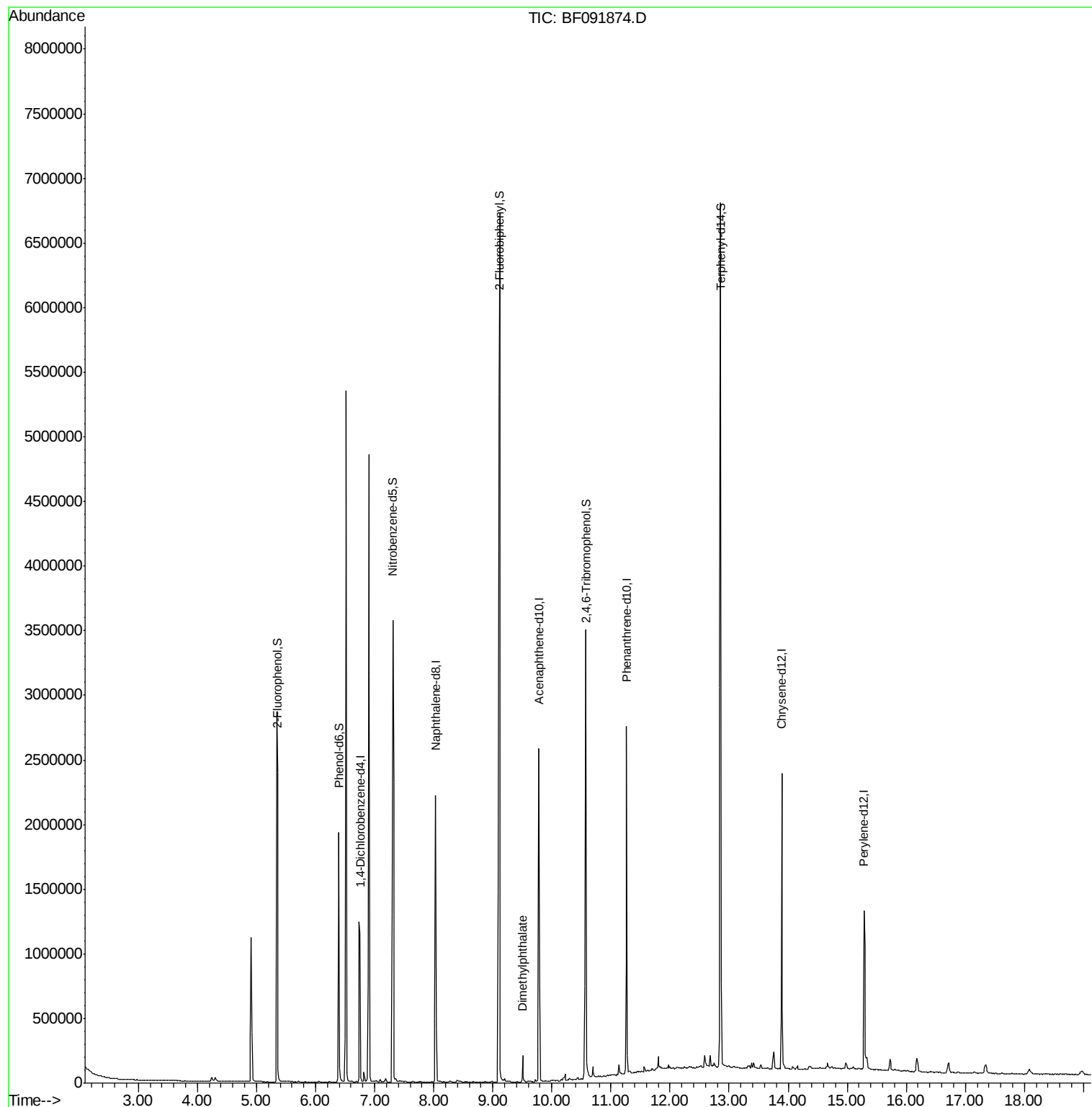
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	287530	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1093791	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	598985	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	1027434	20.00	ng	0.00
75) Chrysene-d12	13.89	240	797688	20.00	ng	-0.01
86) Perylene-d12	15.29	264	654534	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1150720	66.82	ng	0.01
7) Phenol-d6	6.40	99	933797	44.42	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1795822	91.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	711095	143.45	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3170120	112.63	ng	0.00
78) Terphenyl-d14	12.85	244	2342248	71.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	81050	2.12	ng	Qvalue 99

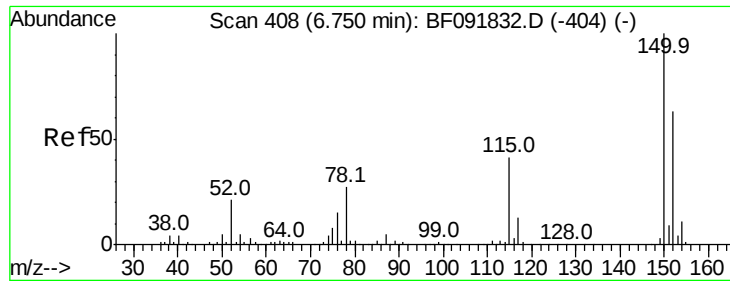
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091874.D
Acq On : 22 Dec 2016 9:50
Operator : UM/SJ
Sample : H6156-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-10

Quant Time: Dec 22 16:18:19 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091874.D

Acq: 22 Dec 2016 9:50

Instrument :

BNA_F

ClientSampleId :

MW-10

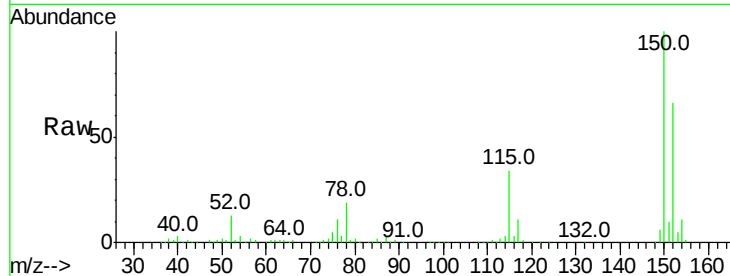
Tot Ion:152 Resp: 287530

Ion Ratio Lower Upper

152 100

150 150.7 124.9 187.3

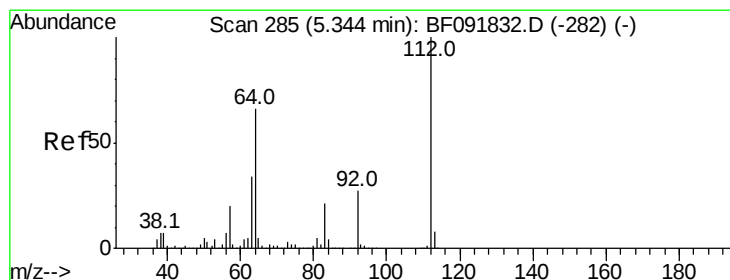
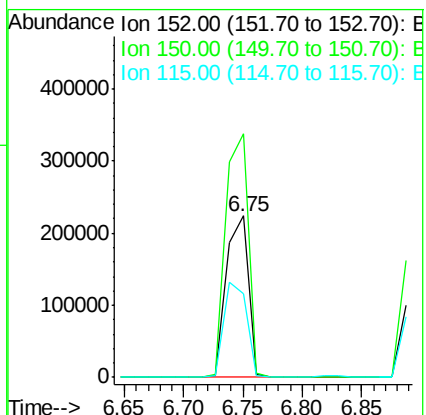
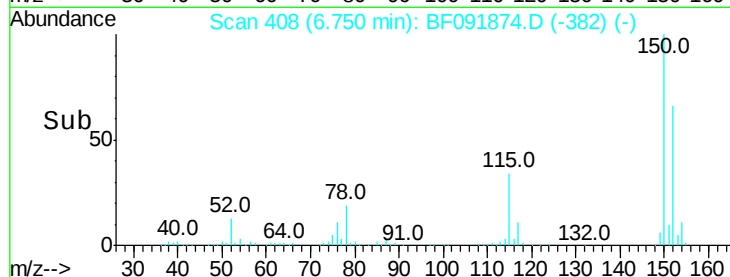
115 51.4 46.0 69.0



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: 66.82 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091874.D

Acq: 22 Dec 2016 9:50

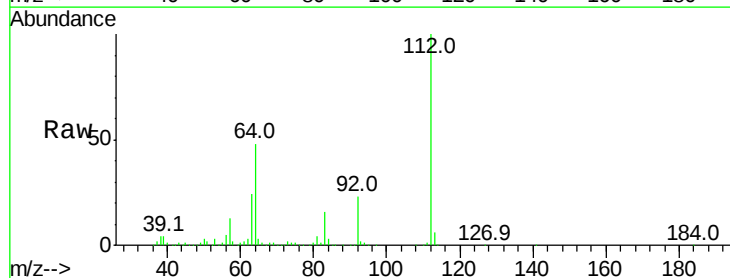
Tgt Ion:112 Resp: 1150720

Ion Ratio Lower Upper

112 100

64 47.9 46.1 69.1

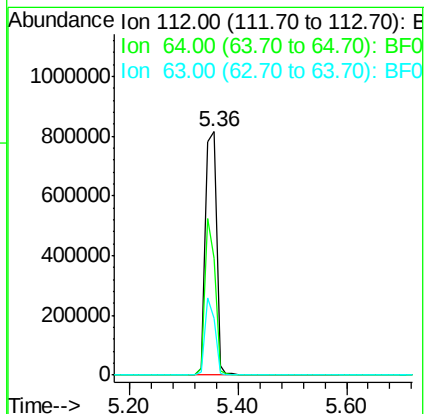
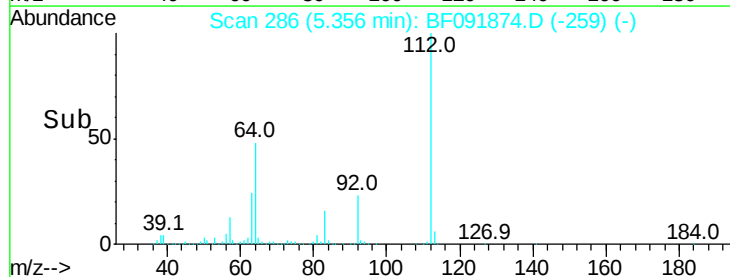
63 23.5 23.8 35.6#

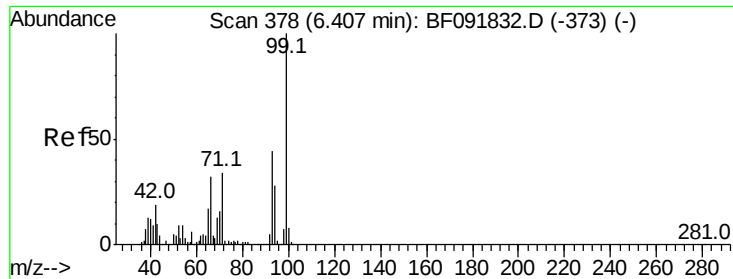


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.42 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091874.D

Acq: 22 Dec 2016 9:50

Instrument :

BNA_F

ClientSampled :

MW-10

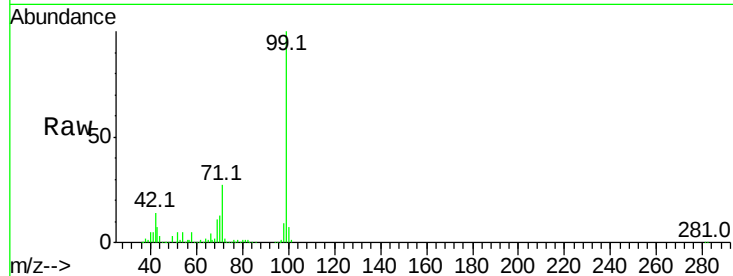
Tot Ion: 99 Resp: 933797

Ion Ratio Lower Upper

99 100

42 13.5 15.6 23.4#

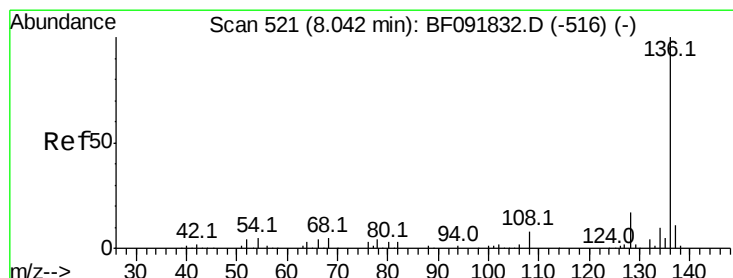
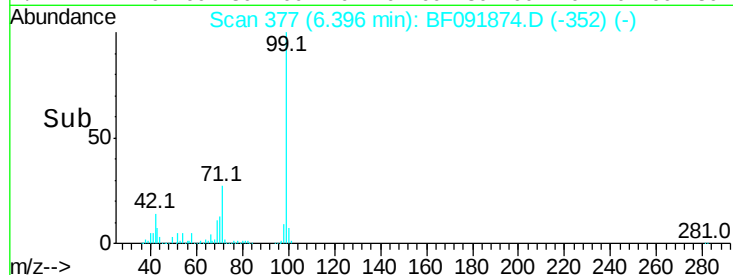
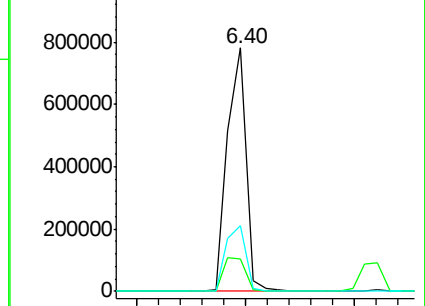
71 26.9 27.5 41.3#



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: BF091874.D

Acq: 22 Dec 2016 9:50

Tgt Ion: 136 Resp: 1093791

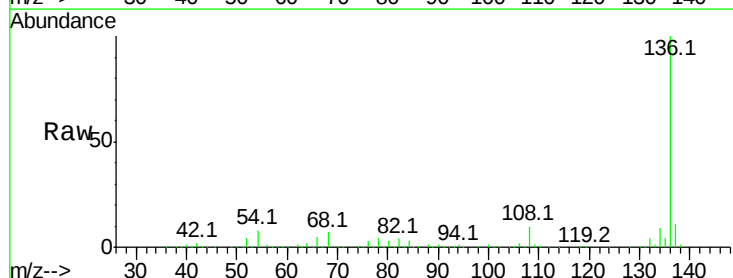
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.4 4.5 6.7#

68 7.2 3.6 5.4#

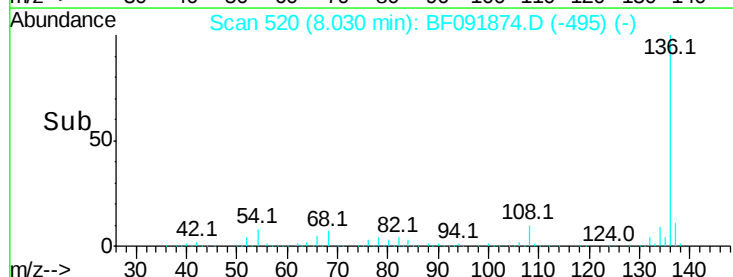
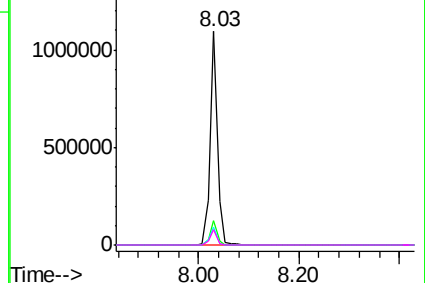


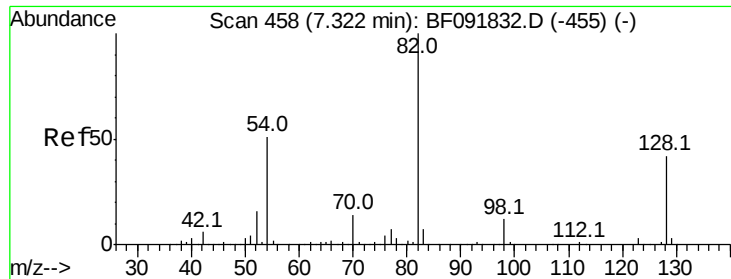
Abundance Ion 136.00 (135.70 to 136.70): E

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



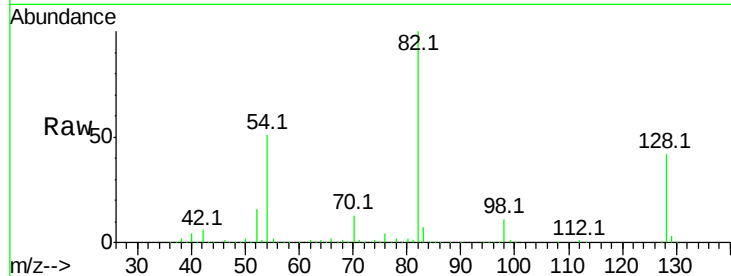


#23
Nitrobenzene-d5
Concen: 91.30 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091874.D
Acq: 22 Dec 2016 9:50

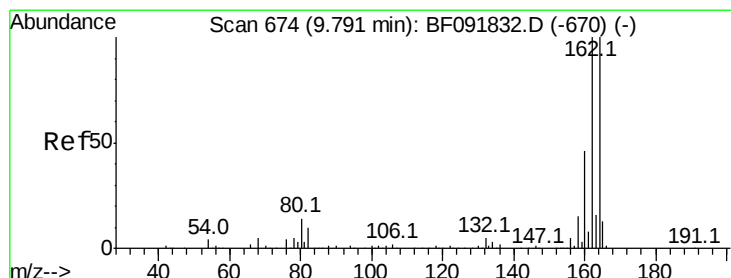
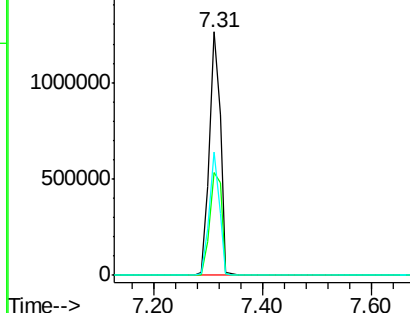
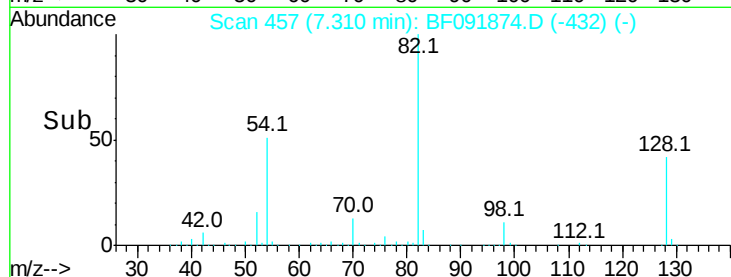
Instrument :
BNA_F
ClientSampleId :
MW-10

Tot Ion: 82 Resp: 1795822

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	50.6	39.5	59.3



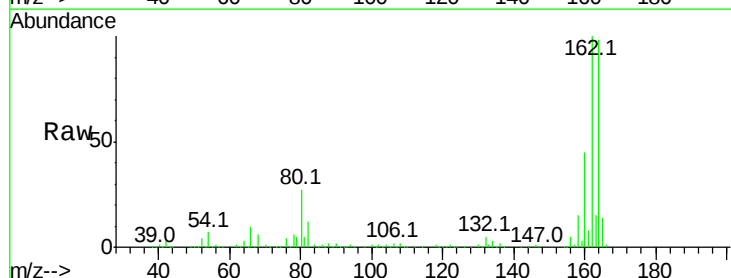
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



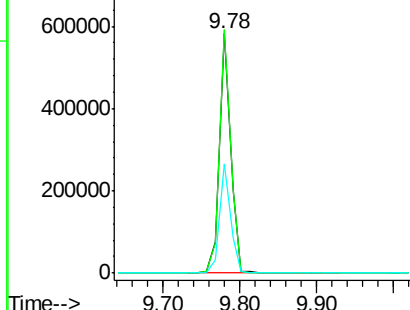
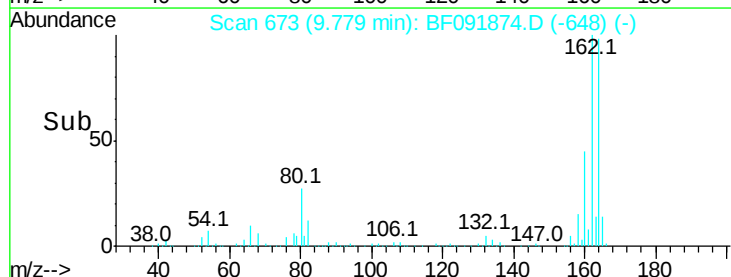
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091874.D
Acq: 22 Dec 2016 9:50

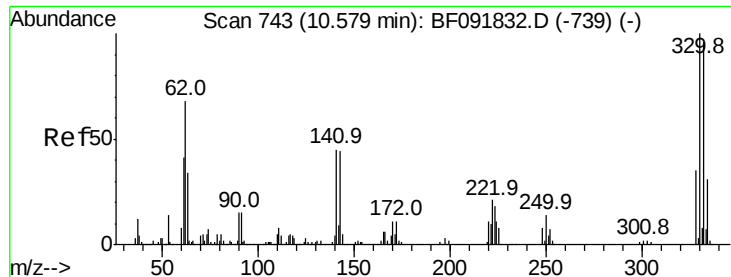
Tgt Ion:164 Resp: 598985

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	45.7	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

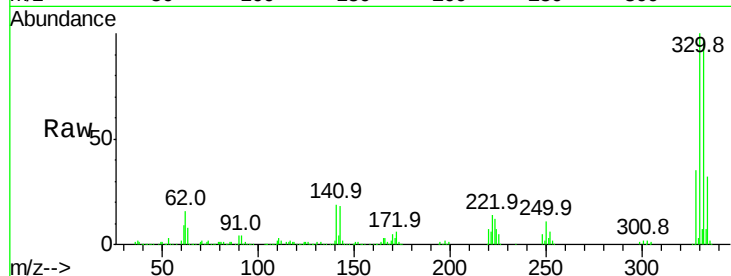




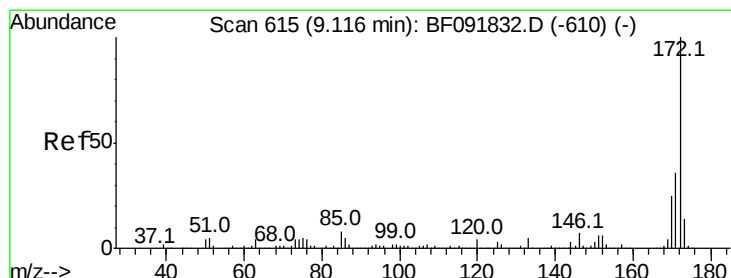
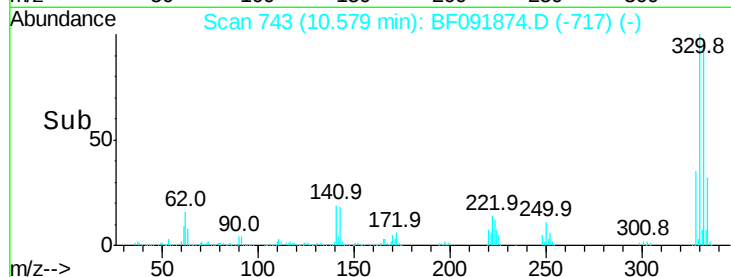
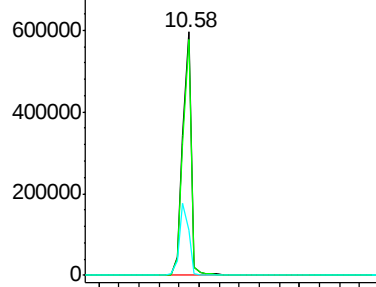
#41
 2,4,6-Tribromophenol
 Concen: 143.45 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091874.D
 Acq: 22 Dec 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	32.7	34.1	51.1#

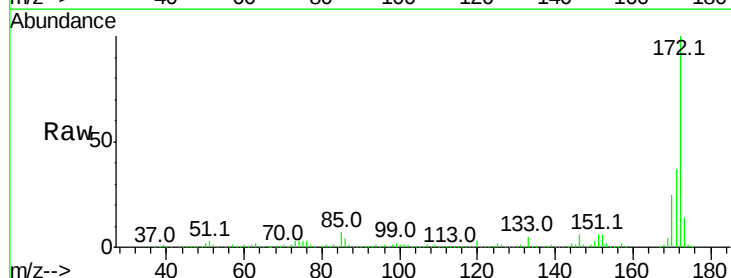


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

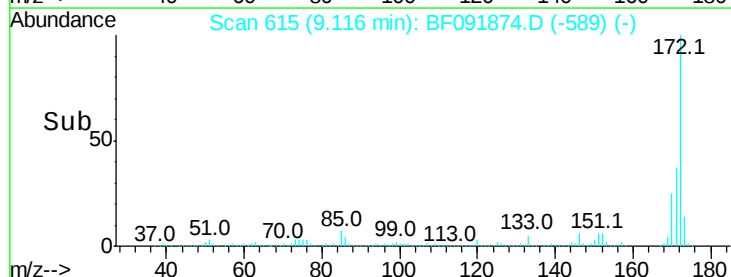
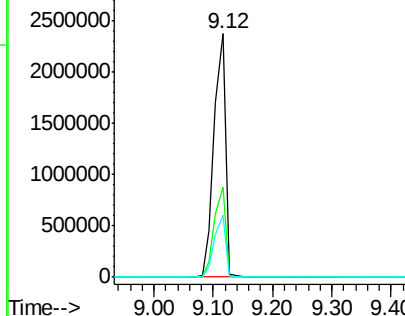


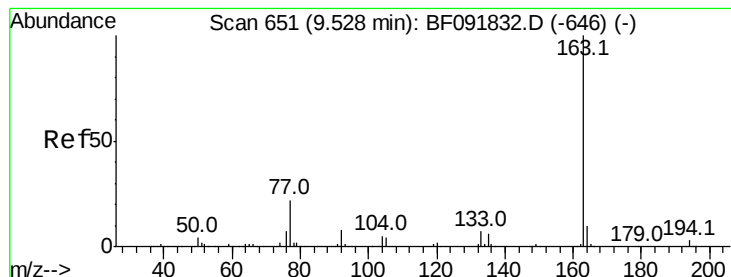
#44
 2-Fluorobiphenyl
 Concen: 112.63 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091874.D
 Acq: 22 Dec 2016 9:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	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





#49

Dimethylphthalate

Concen: 2.12 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091874.D

Acq: 22 Dec 2016 9:50

Instrument :

BNA_F

ClientSampleId :

MW-10

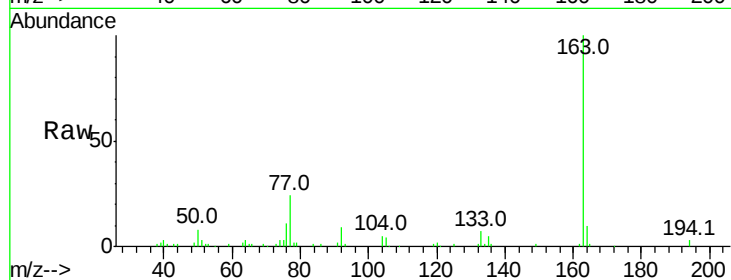
Tot Ion:163 Resp: 81050

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

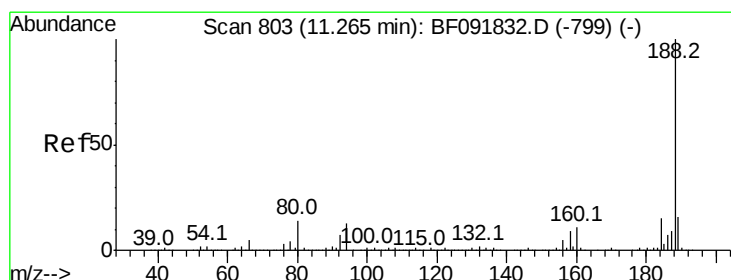
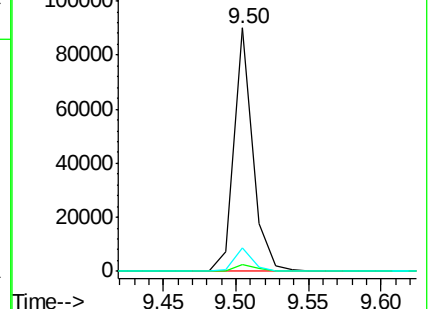
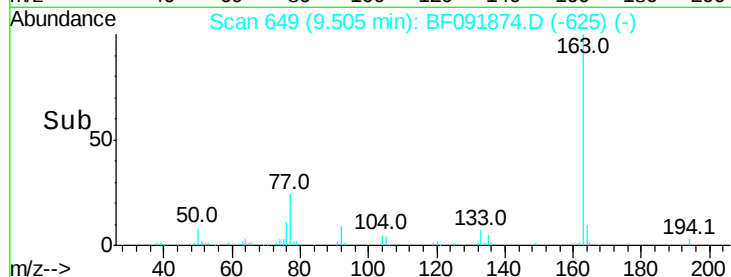
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091874.D

Acq: 22 Dec 2016 9:50

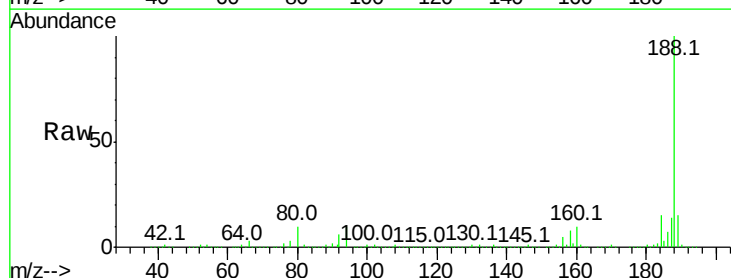
Tgt Ion:188 Resp: 1027434

Ion Ratio Lower Upper

188 100

94 9.9 10.0 15.0#

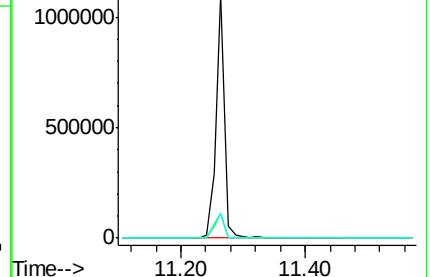
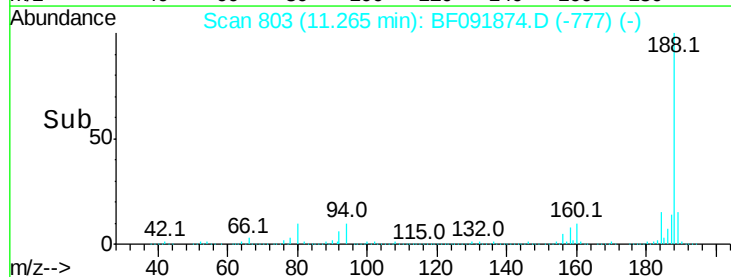
80 10.1 11.2 16.8#

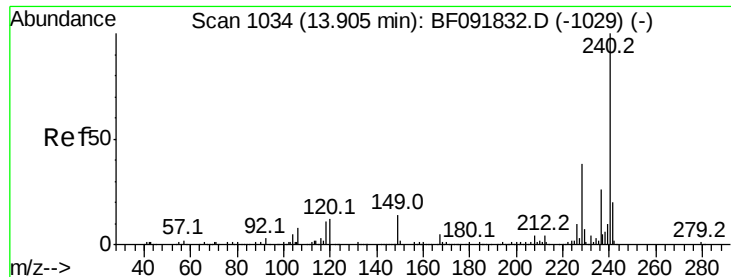


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091874.D

Acq: 22 Dec 2016 9:50

Instrument :

BNA_F

ClientSampleId :

MW-10

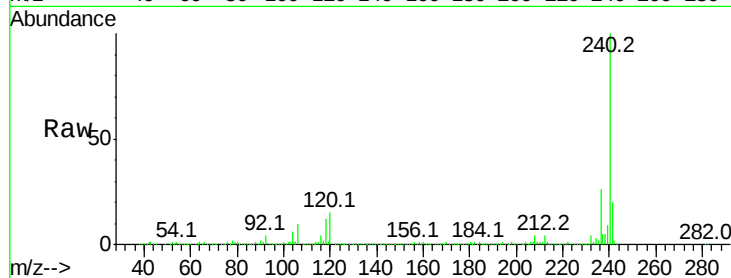
Tot Ion:240 Resp: 797688

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

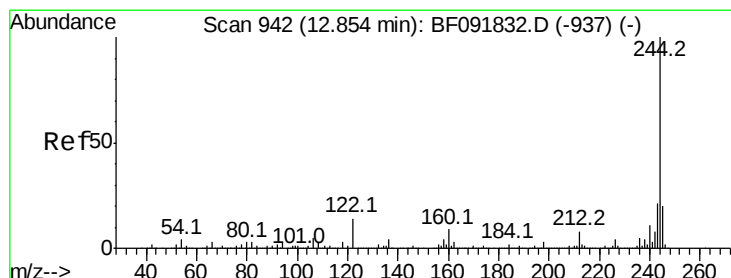
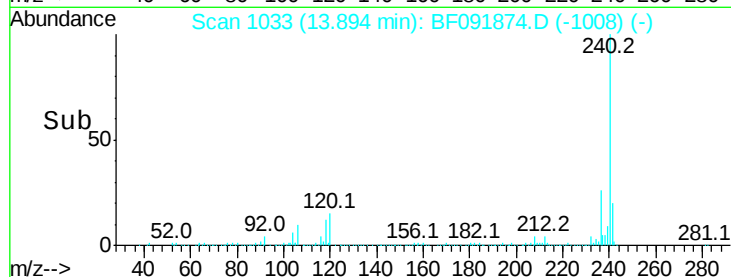
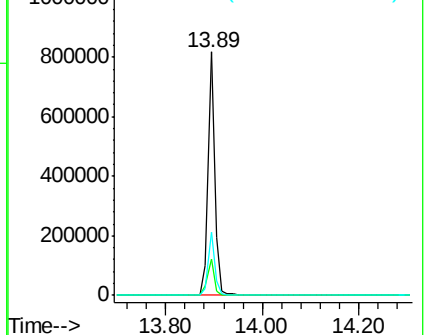
236 25.8 20.9 31.3



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: 71.21 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF091874.D

Acq: 22 Dec 2016 9:50

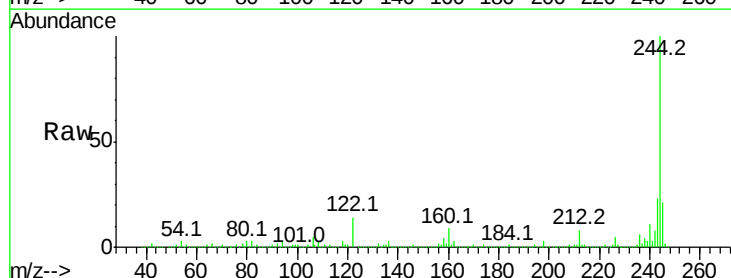
Tgt Ion:244 Resp: 2342248

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

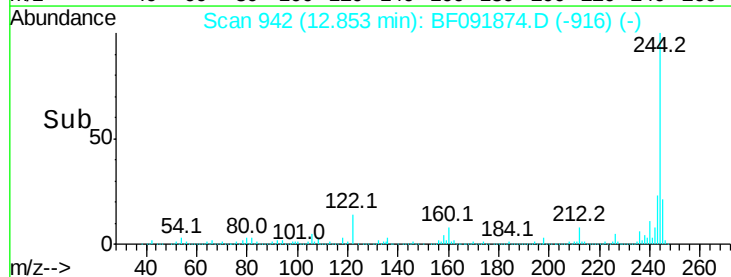
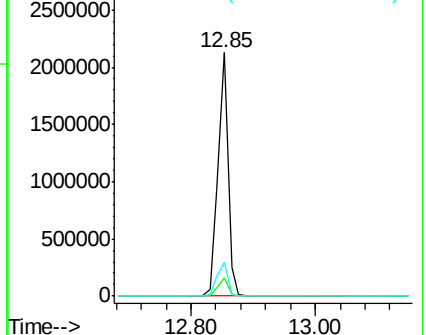
122 13.8 11.4 17.2

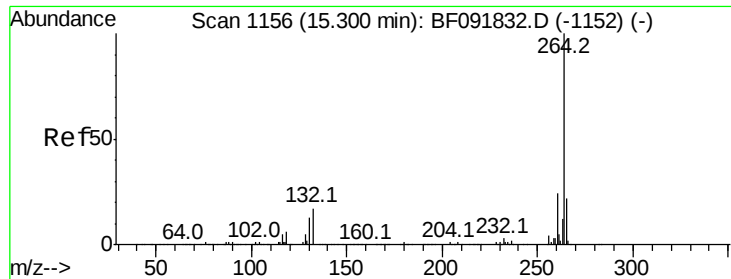


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091874.D
Acq: 22 Dec 2016 9:50

Instrument :
BNA_F
ClientSampleId :
MW-10

Tot Ion: 264 Resp: 654534

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.3	17.4	26.0

