

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101579.D
 Acq On : 20 Dec 2017 20:27
 Operator : SJ/JU
 Sample : I6981-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCD

Quant Time: Dec 21 04:44:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

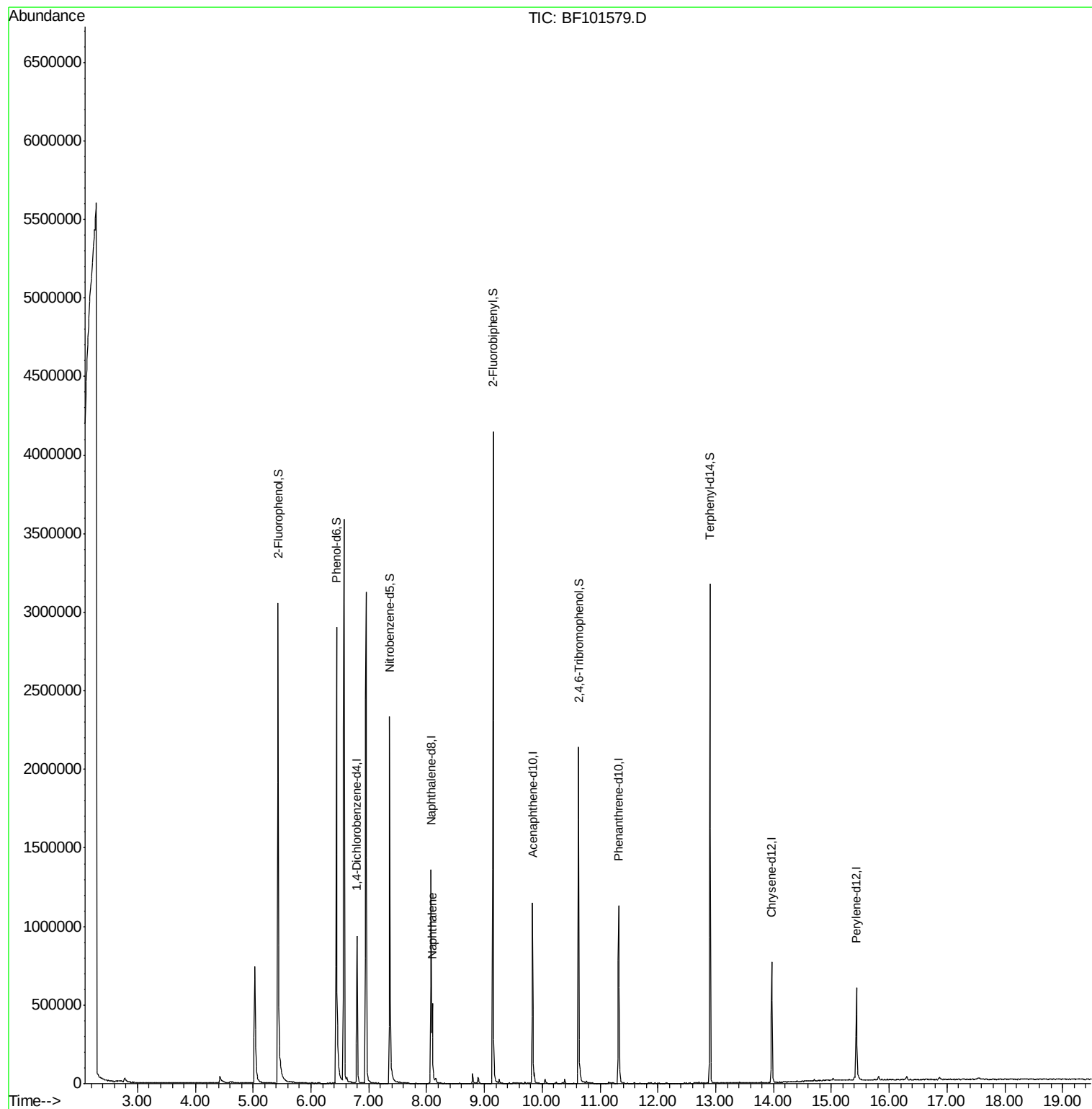
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152662	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	598418	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	255445	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	420150	20.00	ng	0.00
75) Chrysene-d12	13.97	240	276851	20.00	ng	0.00
86) Perylene-d12	15.43	264	316669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1059307	103.36	ng	0.02
7) Phenol-d6	6.44	99	1166195	91.43	ng	0.00
23) Nitrobenzene-d5	7.36	82	923420	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	283077	115.01	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1443220	87.64	ng	0.00
78) Terphenyl-d14	12.90	244	1078684	93.93	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	237867	7.896	ng	Qvalue 98

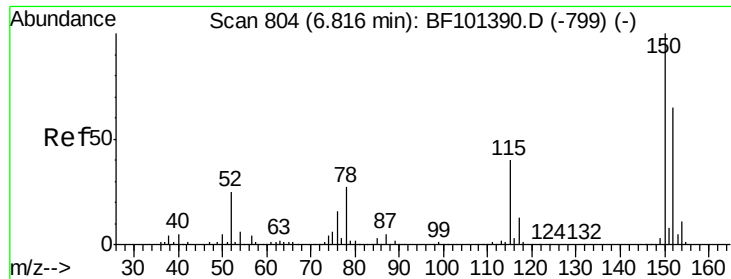
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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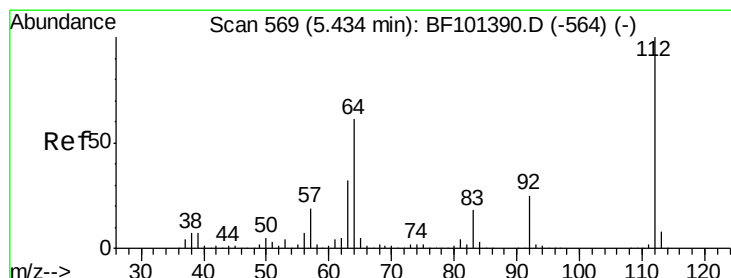
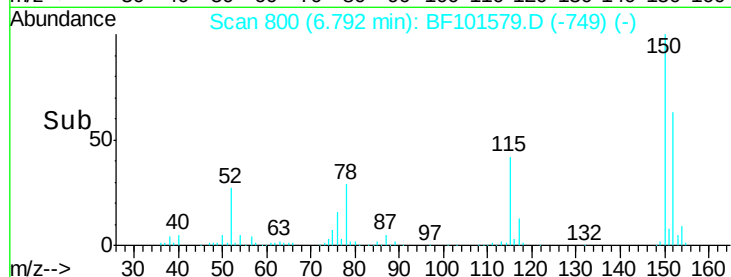
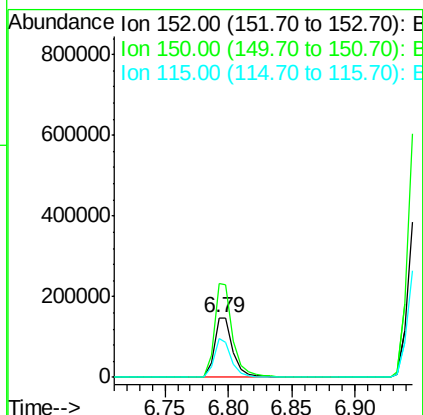
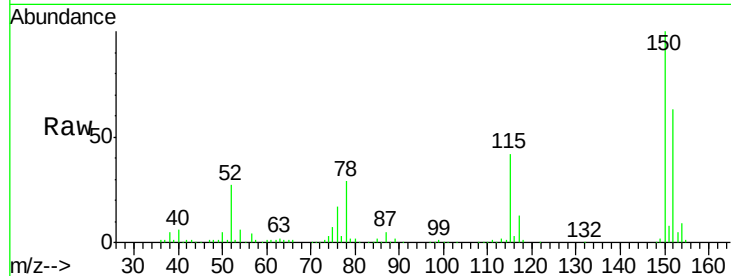


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

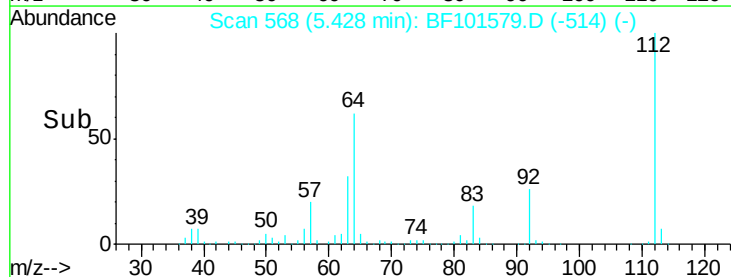
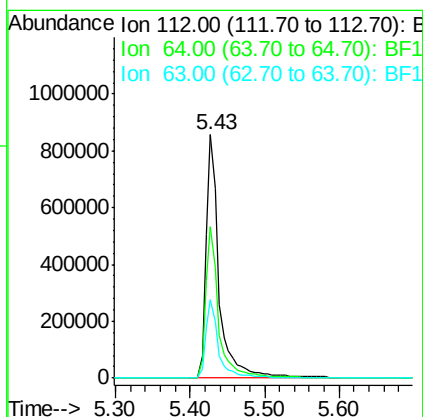
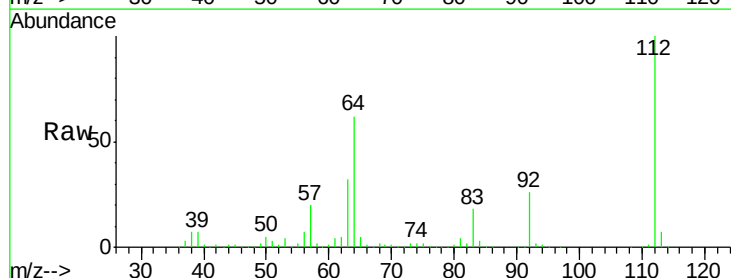
Tgt Ion:152 Resp: 152662
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 66.0 50.1 75.1

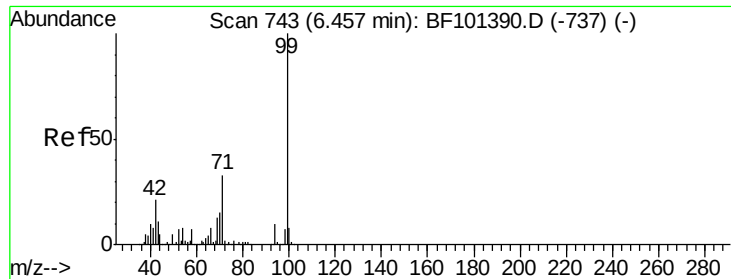


#5

2-Fluorophenol
Concen: 103.360 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Tgt Ion:112 Resp: 1059307
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 32.2 23.7 35.5





#7

Phenol-d6

Concen: 91.431 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101579.D

Acq: 20 Dec 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCD

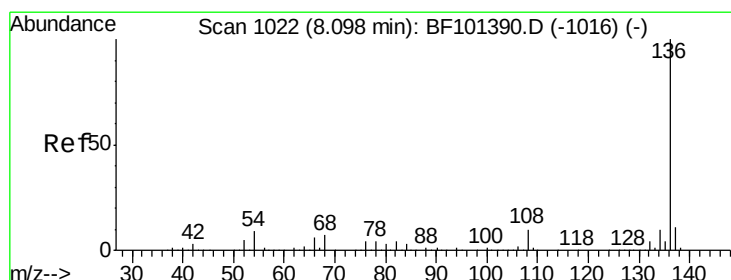
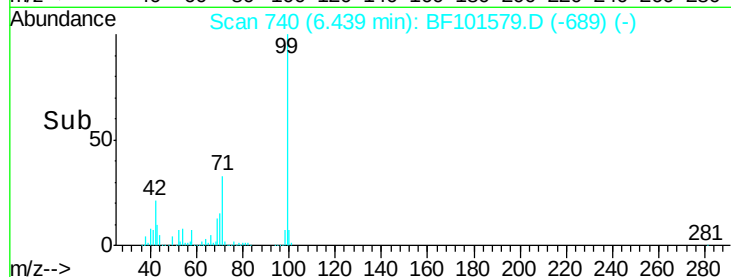
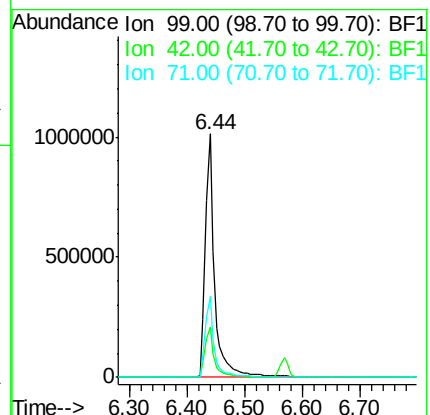
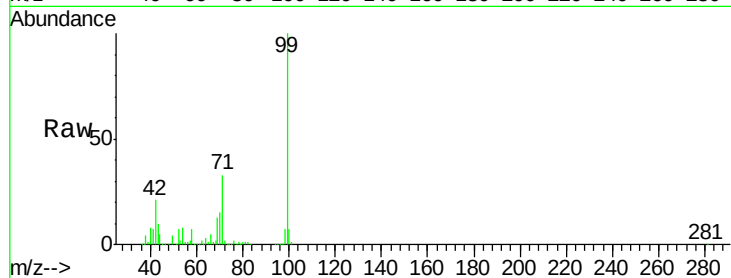
Tgt Ion: 99 Resp: 1166195

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 33.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101579.D

Acq: 20 Dec 2017 20:27

Tgt Ion: 136 Resp: 598418

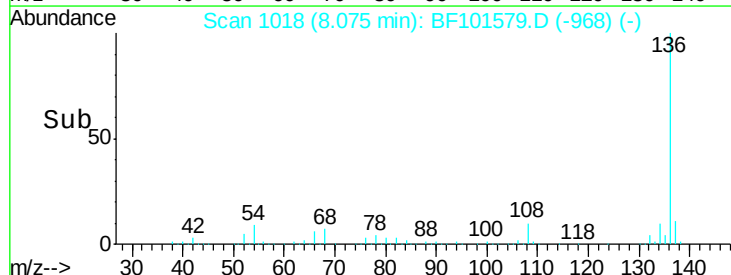
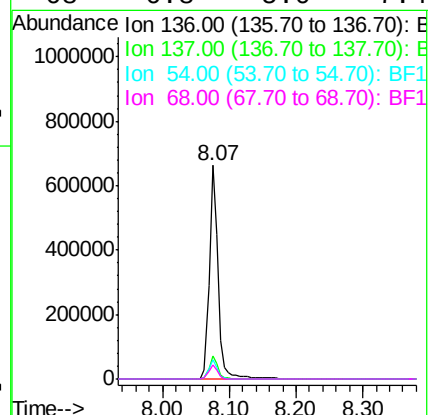
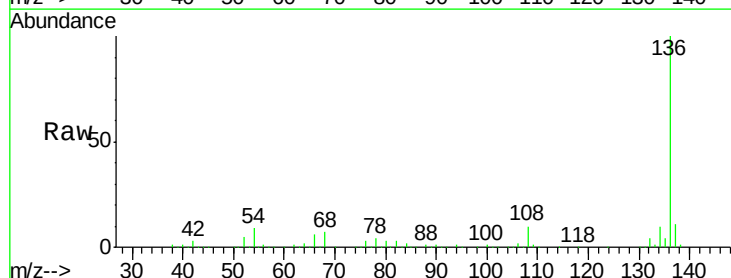
Ion Ratio Lower Upper

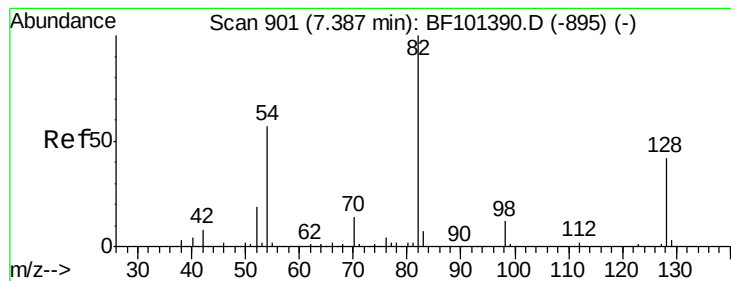
136 100

137 11.1 8.9 13.3

54 9.1 6.6 9.8

68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.898 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101579.D

Acq: 20 Dec 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCD

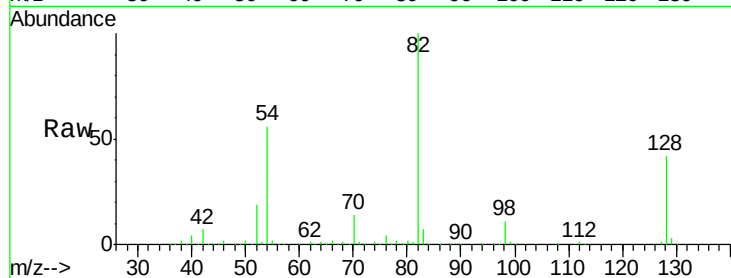
Tgt Ion: 82 Resp: 923420

Ion Ratio Lower Upper

82 100

128 41.9 36.1 54.1

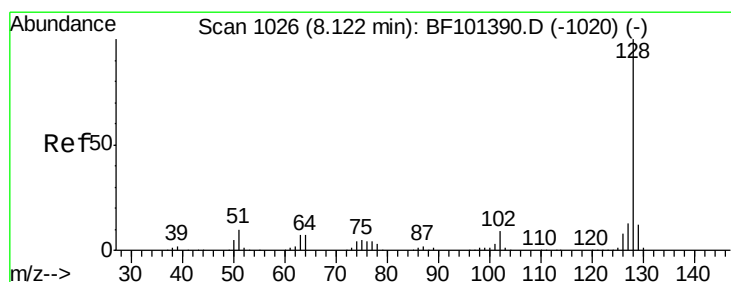
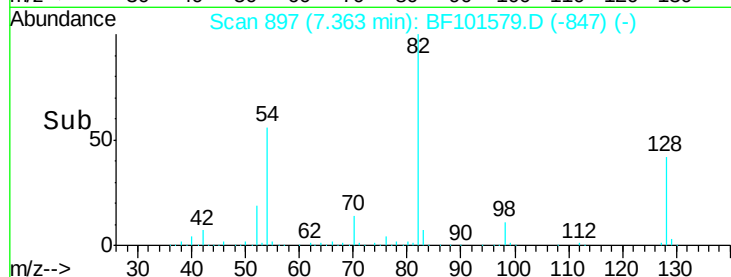
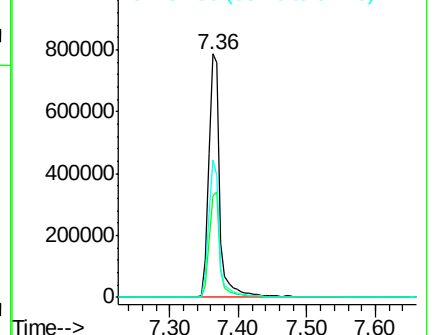
54 56.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 7.896 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101579.D

Acq: 20 Dec 2017 20:27

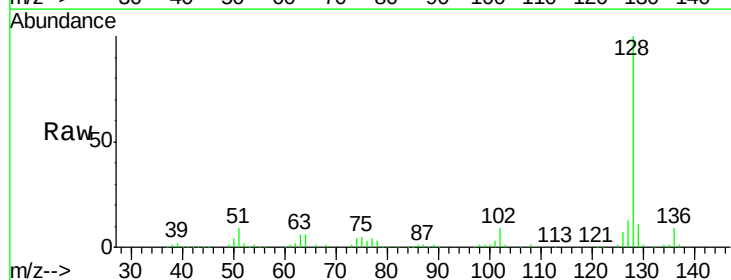
Tgt Ion: 128 Resp: 237867

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

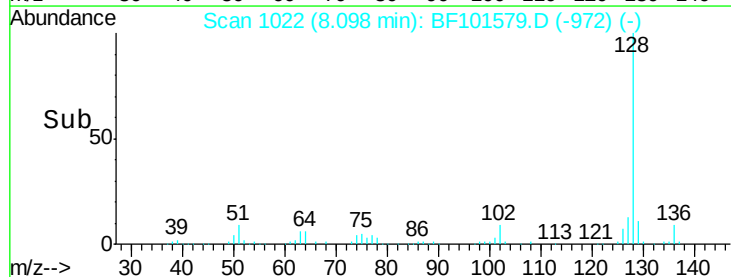
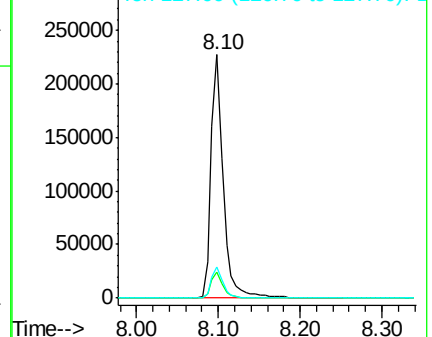
127 12.8 10.9 16.3

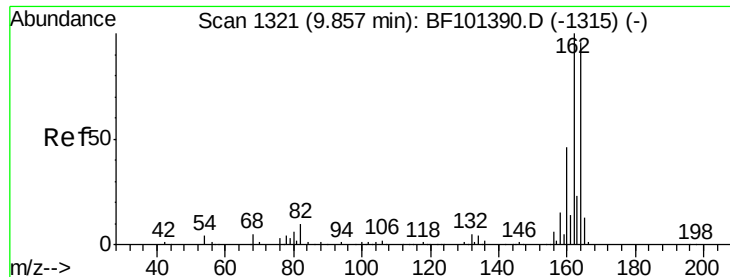


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

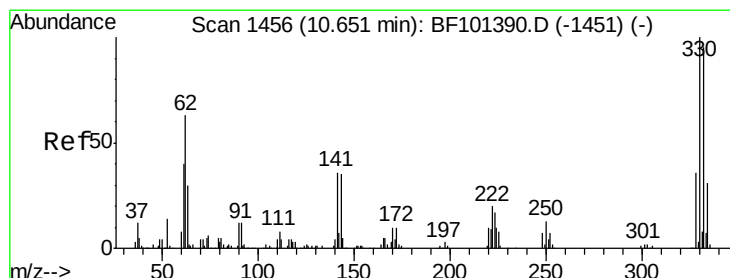
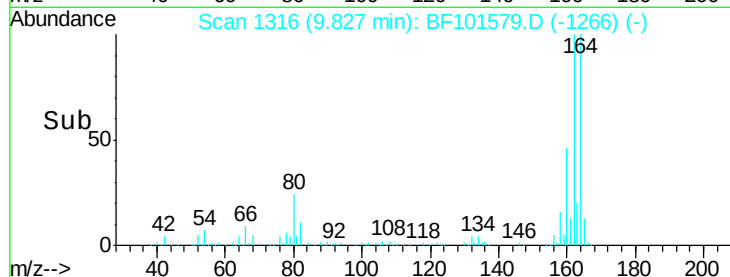
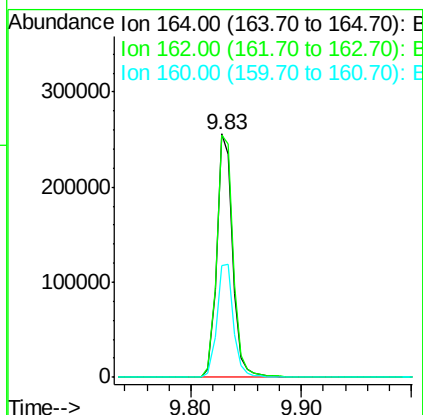
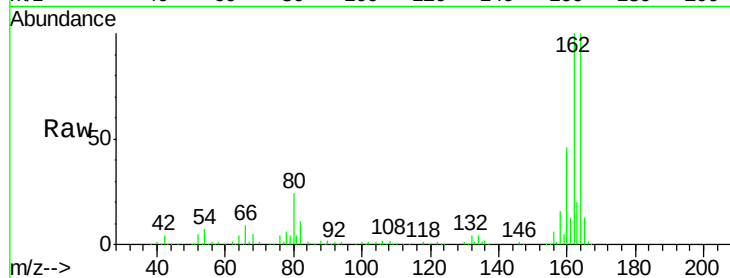




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF101579.D
 Acq: 20 Dec 2017 20:27

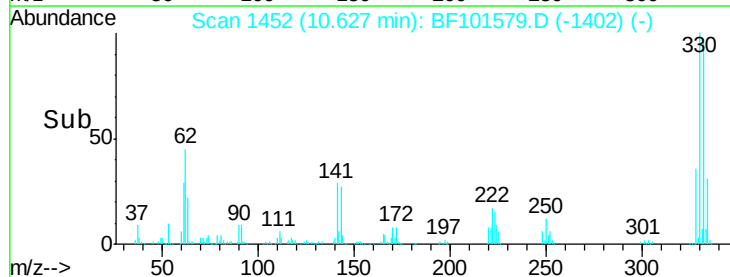
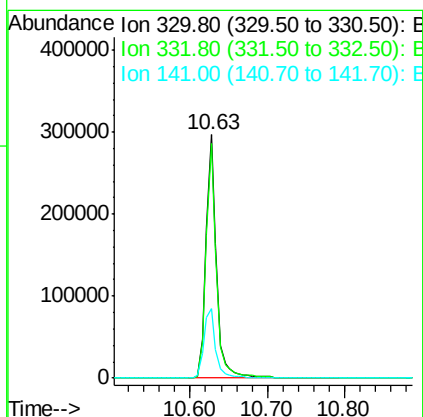
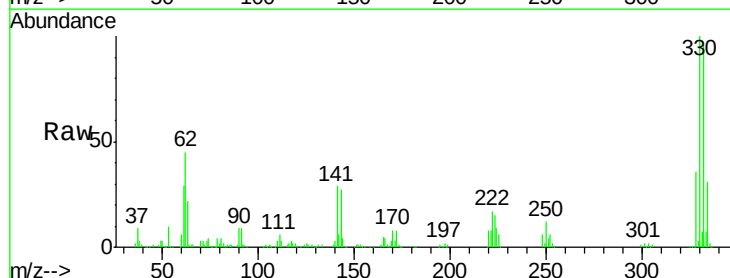
Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCD

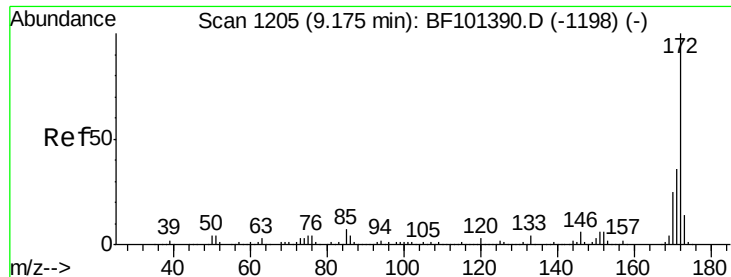
Tgt Ion:164 Resp: 255445
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 45.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 115.006 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101579.D
 Acq: 20 Dec 2017 20:27

Tgt Ion:330 Resp: 283077
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 32.4 29.9 44.9

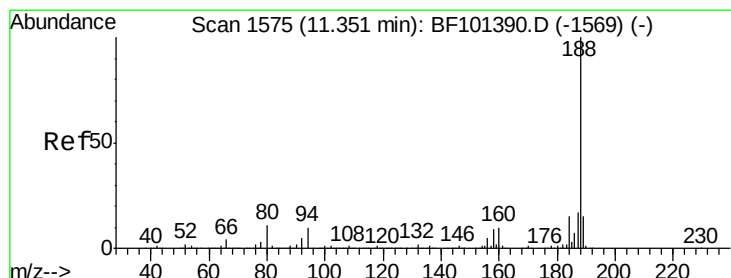
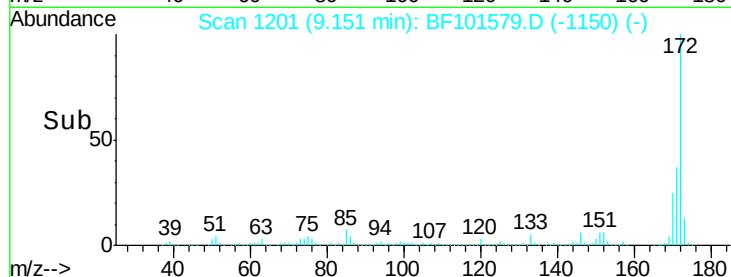
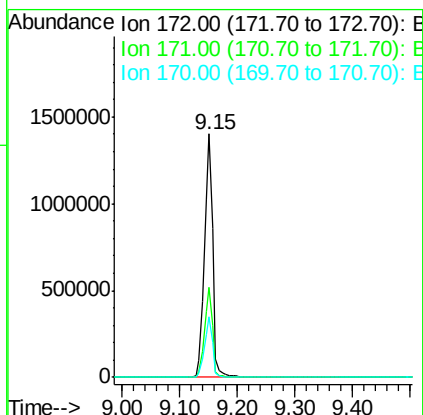
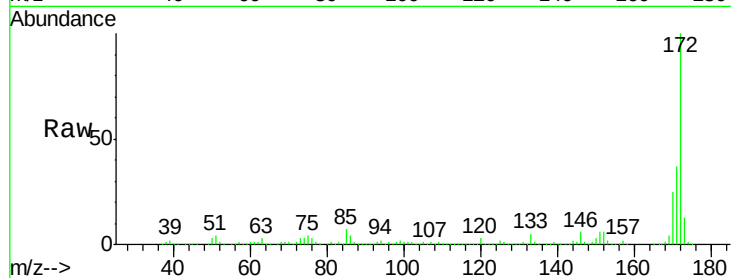




#44
 2-Fluorobiphenyl
 Concen: 87.642 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101579.D
 Acq: 20 Dec 2017 20:27

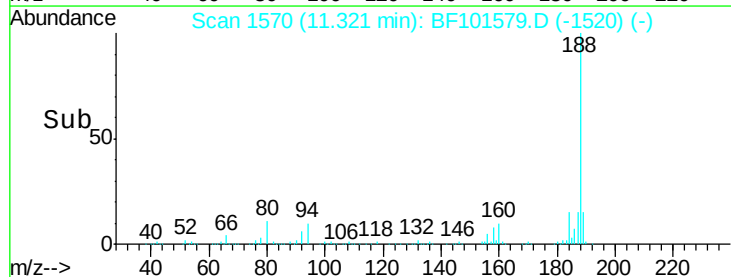
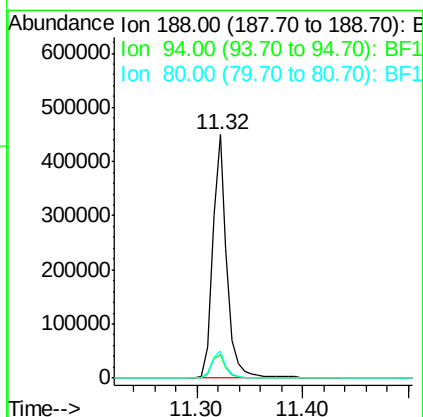
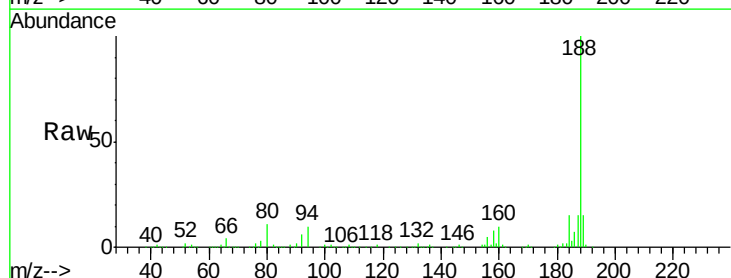
Instrument :
 BNA_F
 ClientSampleId :
 PHMHB-WCD

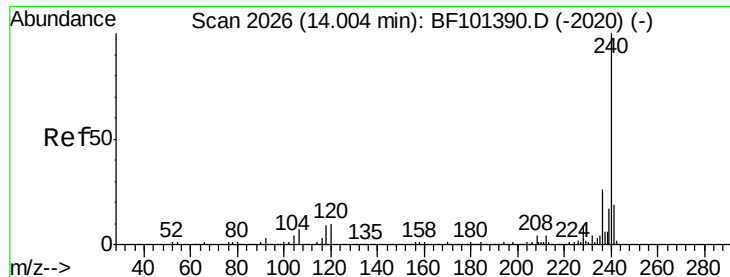
Tgt Ion:172 Resp: 1443220
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.8 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101579.D
 Acq: 20 Dec 2017 20:27

Tgt Ion:188 Resp: 420150
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 11.1 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101579.D

Acq: 20 Dec 2017 20:27

Instrument :

BNA_F

ClientSampleId :

PHMHB-WCD

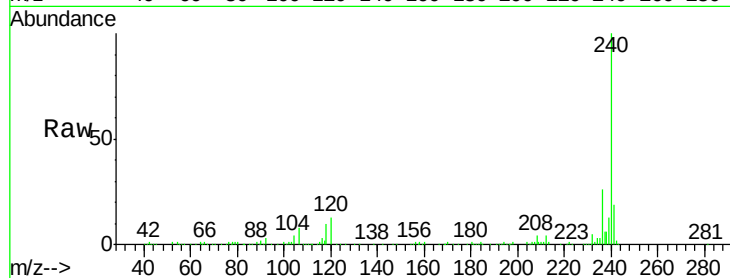
Tgt Ion:240 Resp: 276851

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

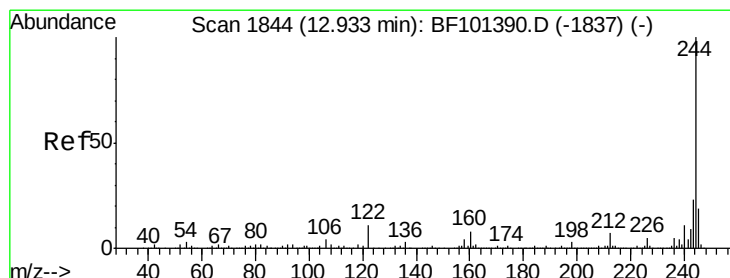
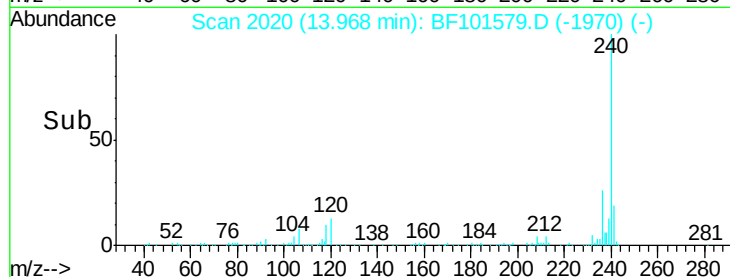
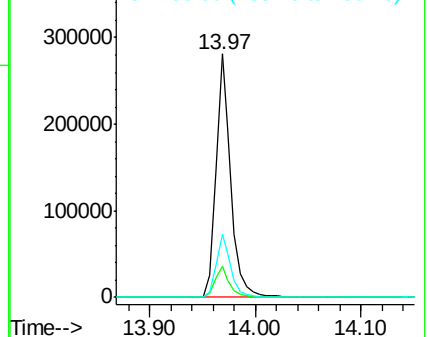
236 25.8 20.7 31.1



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: 93.930 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101579.D

Acq: 20 Dec 2017 20:27

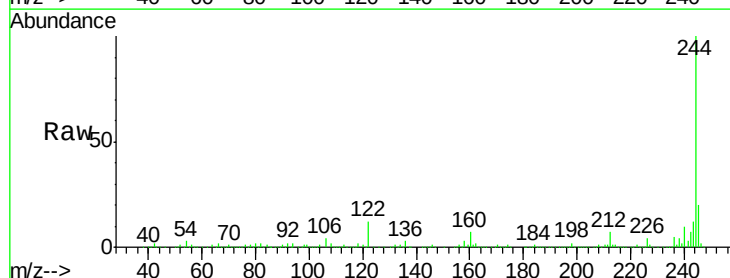
Tgt Ion:244 Resp: 1078684

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

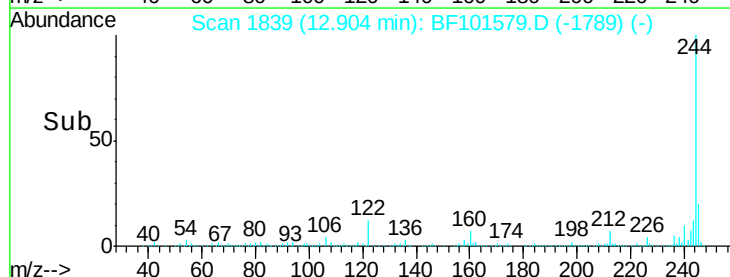
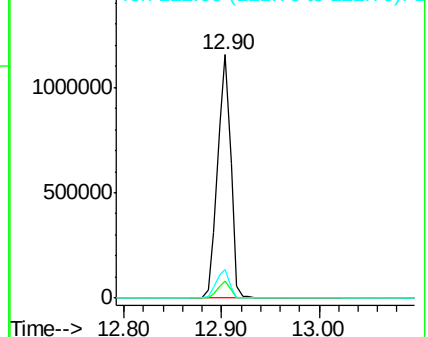
122 11.7 11.0 16.4

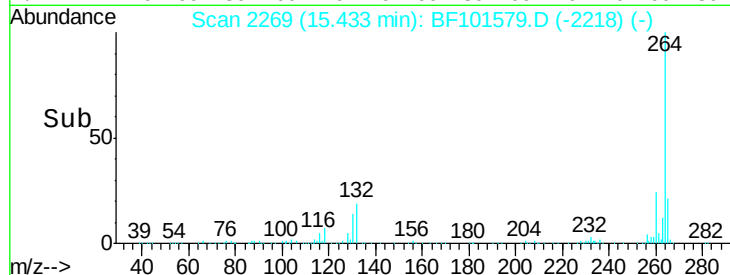
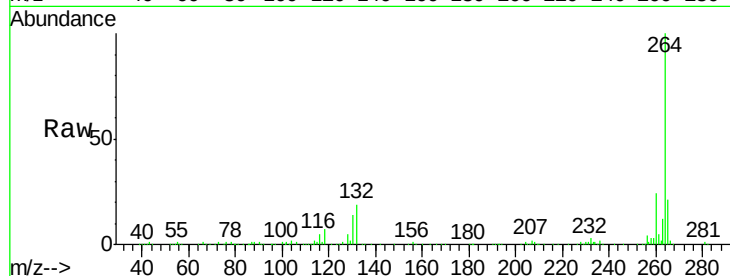
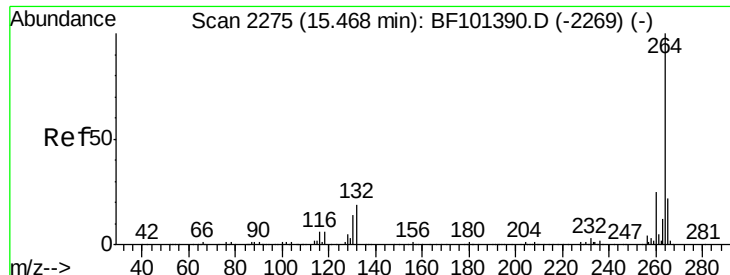


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101579.D
Acq: 20 Dec 2017 20:27

Instrument :
BNA_F
ClientSampleId :
PHMHB-WCD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

