

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101577.D
 Acq On : 20 Dec 2017 19:33
 Operator : SJ/JU
 Sample : I6981-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCD

Quant Time: Dec 21 04:40:57 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

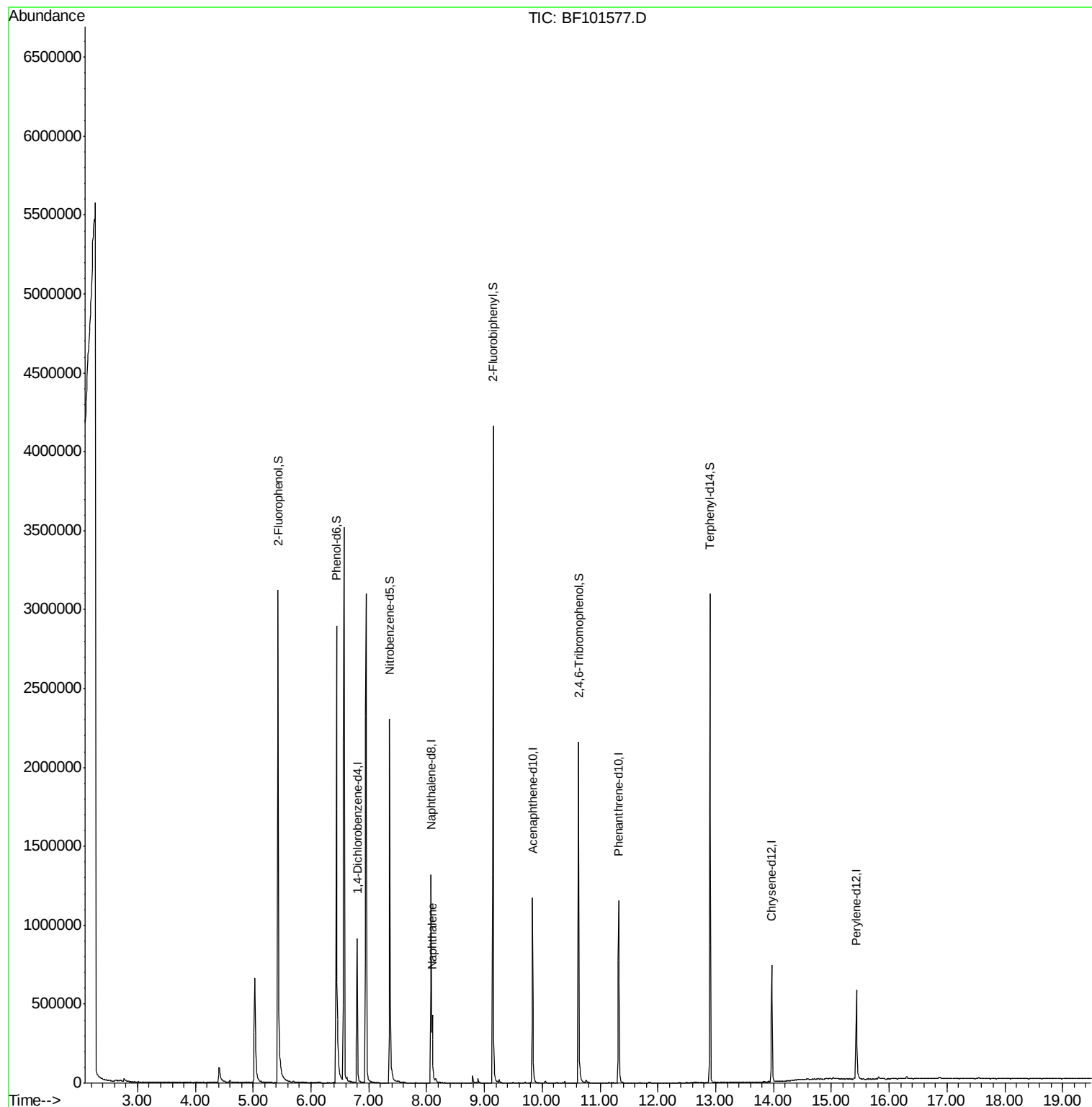
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	151829	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	598713	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	252099	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	428936	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269881	20.00	ng	0.00
86) Perylene-d12	15.43	264	320974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1062955	104.29	ng	0.02
7) Phenol-d6	6.44	99	1204591	94.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	901939	83.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	280339	115.41	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1432326	88.14	ng	0.00
78) Terphenyl-d14	12.90	244	1066483	95.27	ng	0.00
Target Compounds						
31) Naphthalene	8.10	128	195743	6.494	ng	Qvalue 98

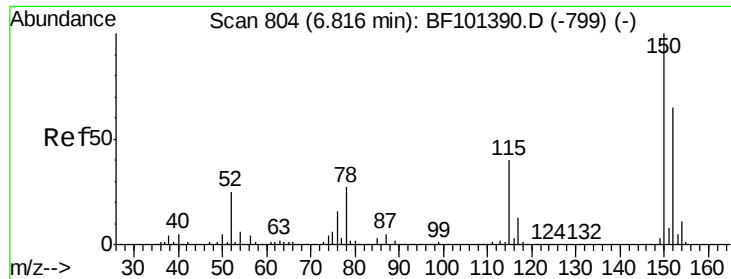
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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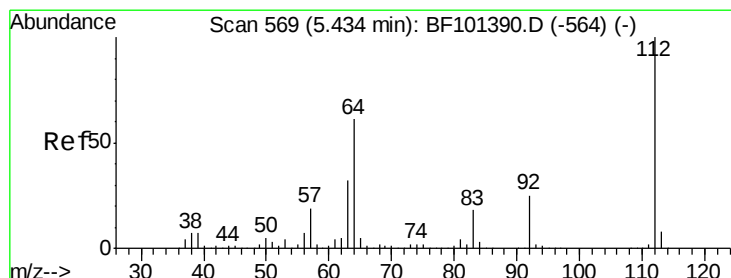
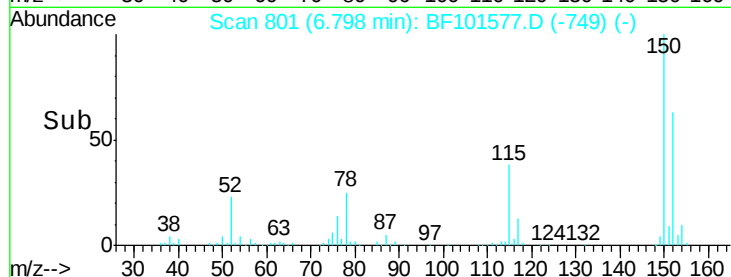
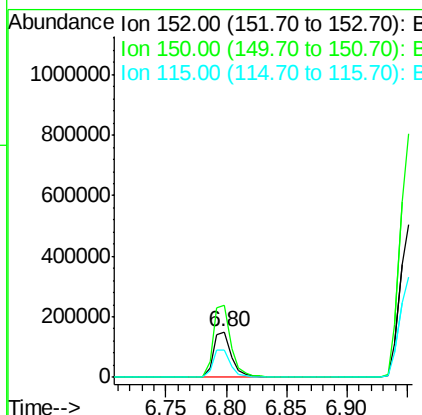
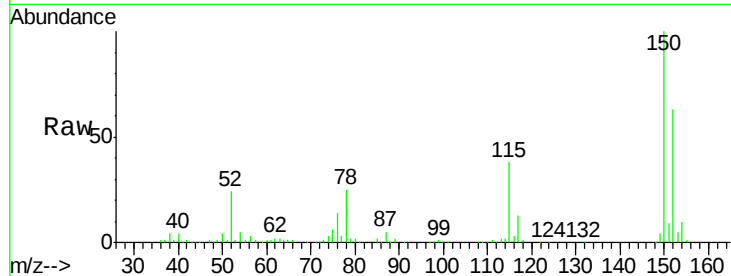




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101577.D
 Acq: 20 Dec 2017 19:33

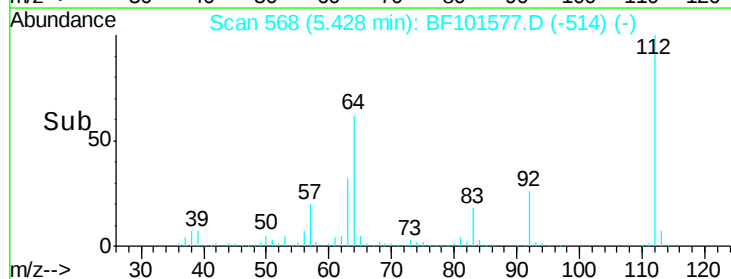
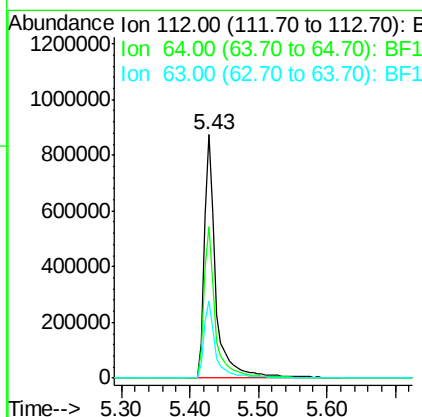
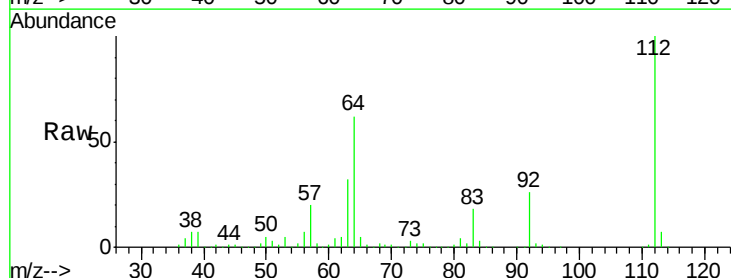
Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCD

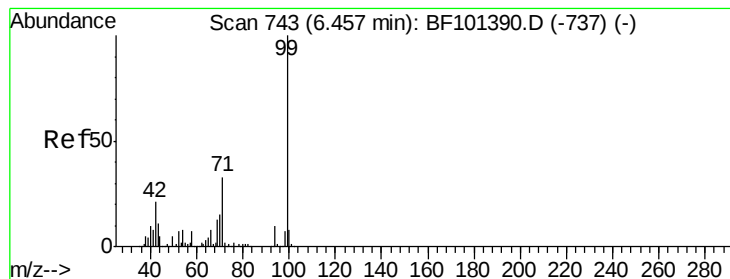
Tgt Ion:152 Resp: 151829
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 60.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 104.285 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101577.D
 Acq: 20 Dec 2017 19:33

Tgt Ion:112 Resp: 1062955
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.9 71.9
 63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 94.960 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101577.D

Acq: 20 Dec 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PHMHA-WCD

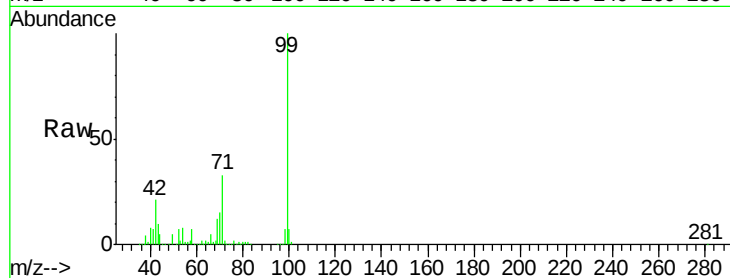
Tgt Ion: 99 Resp: 1204591

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

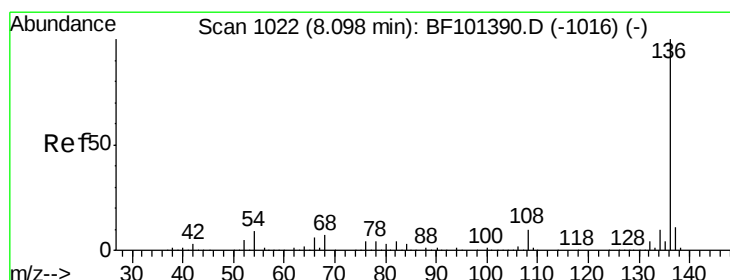
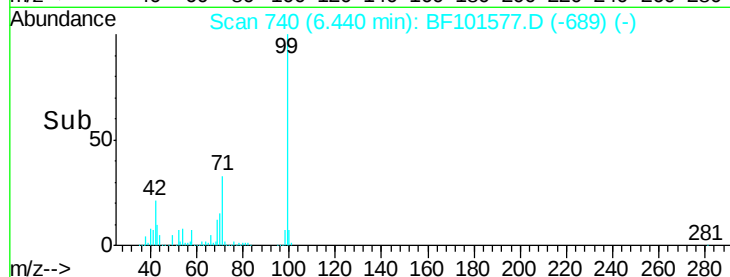
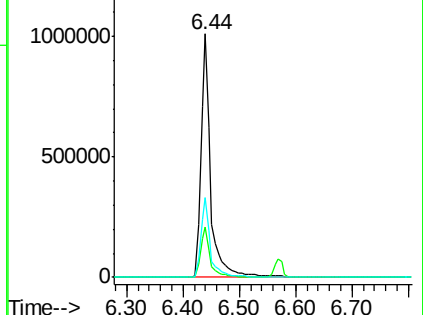
71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101577.D

Acq: 20 Dec 2017 19:33

Tgt Ion: 136 Resp: 598713

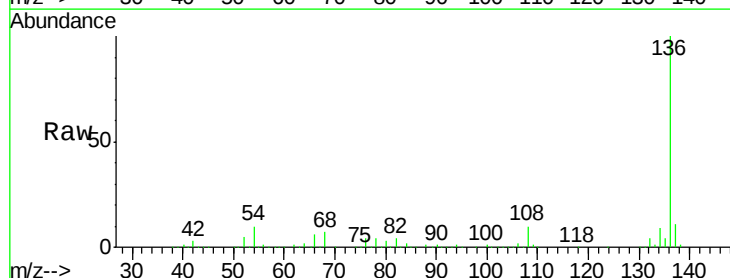
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.6 6.6 9.8

68 6.8 5.0 7.4

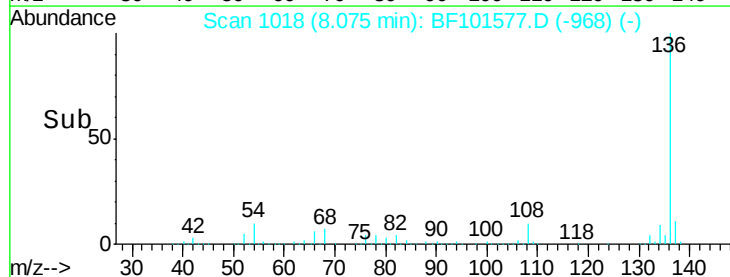
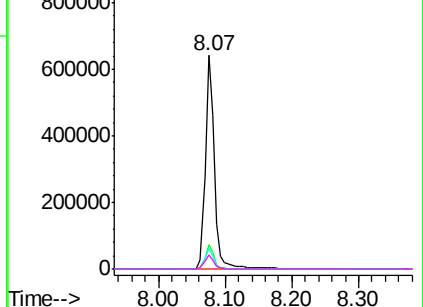


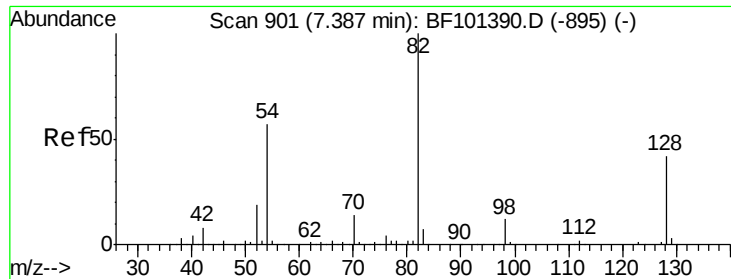
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

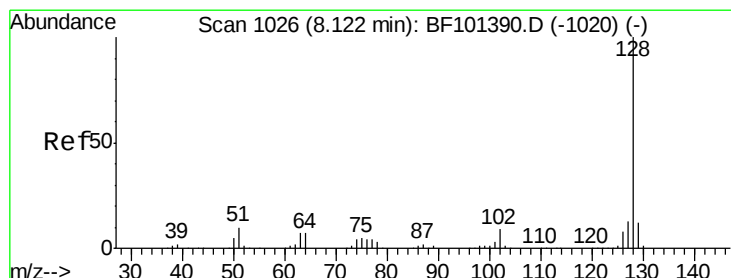
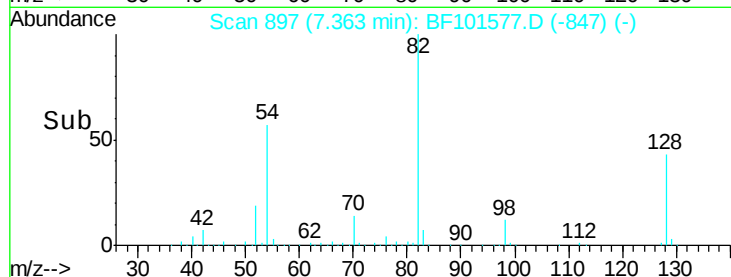
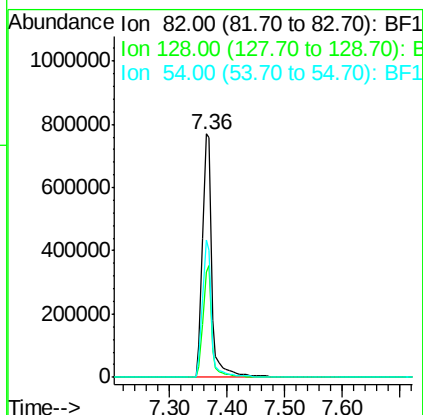
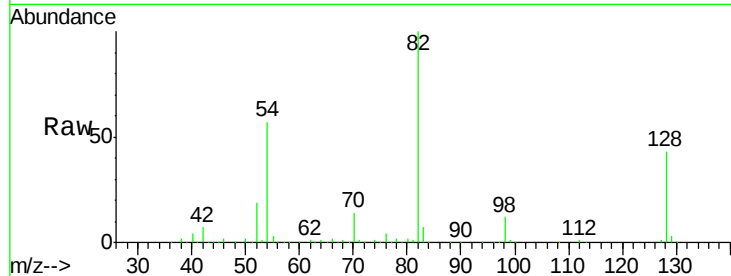




#23
 Nitrobenzene-d5
 Concen: 83.858 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF101577.D
 Acq: 20 Dec 2017 19:33

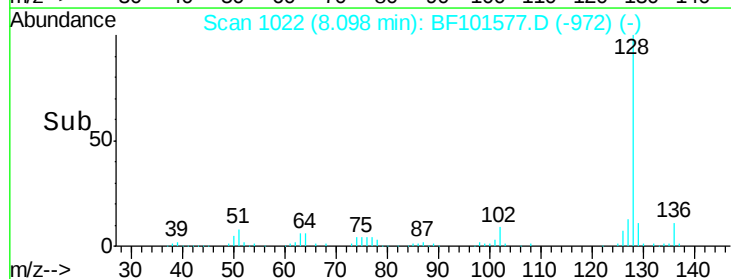
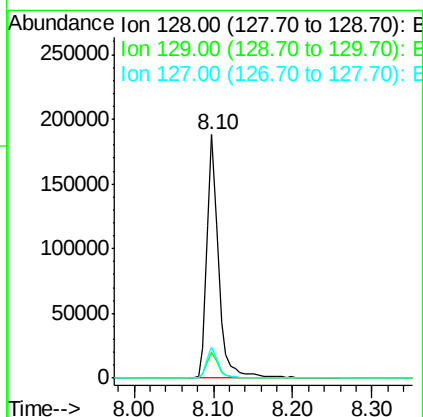
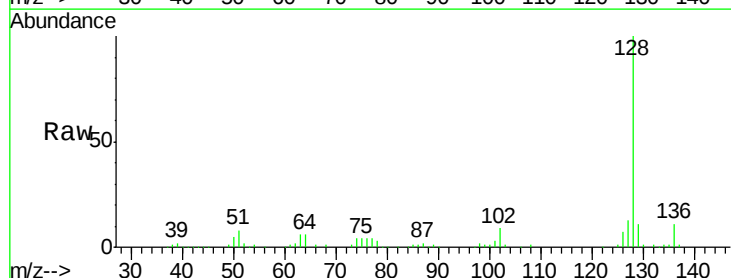
Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCD

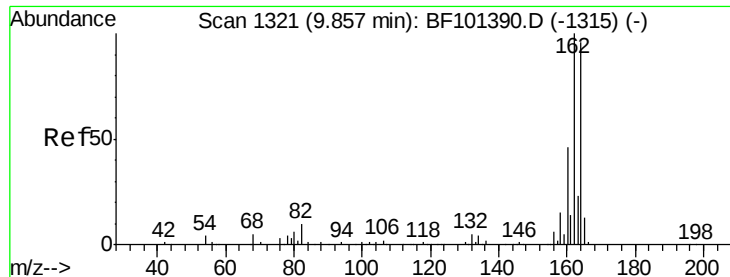
Tgt Ion: 82 Resp: 901939
 Ion Ratio Lower Upper
 82 100
 128 43.4 36.1 54.1
 54 56.5 41.4 62.2



#31
 Naphthalene
 Concen: 6.494 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF101577.D
 Acq: 20 Dec 2017 19:33

Tgt Ion: 128 Resp: 195743
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.8 13.2
 127 12.8 10.9 16.3

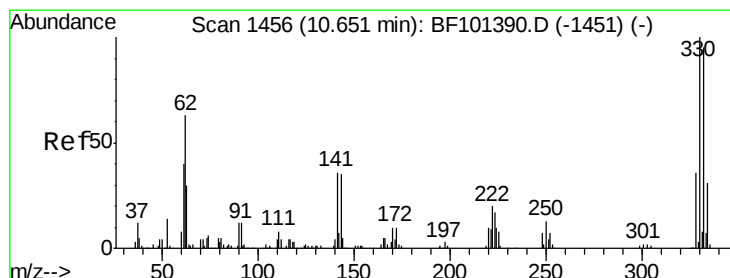
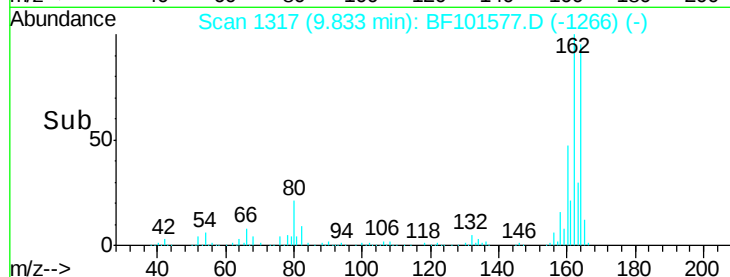
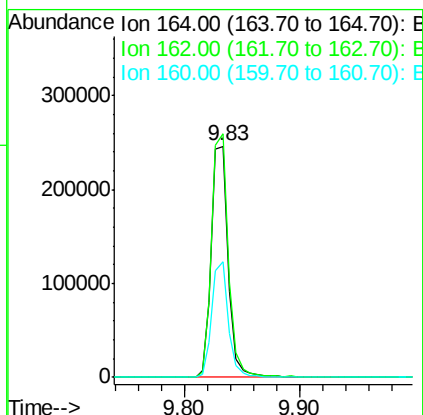
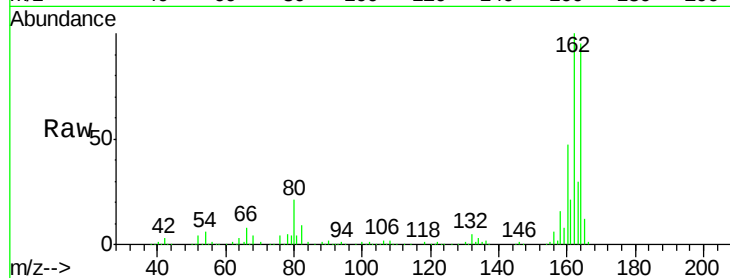




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101577.D
 Acq: 20 Dec 2017 19:33

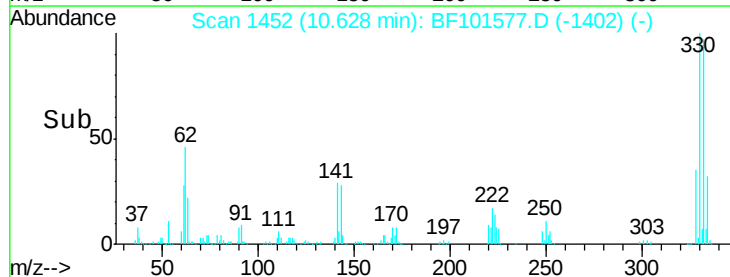
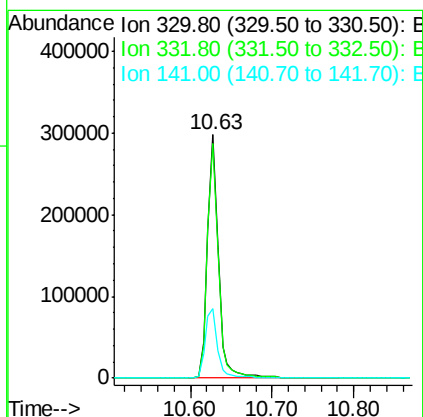
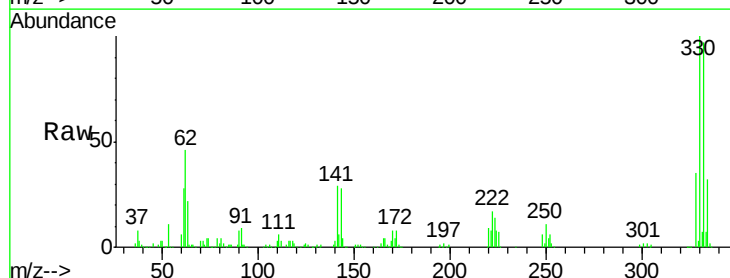
Instrument :
 BNA_F
 ClientSampleId :
 PHMHA-WCD

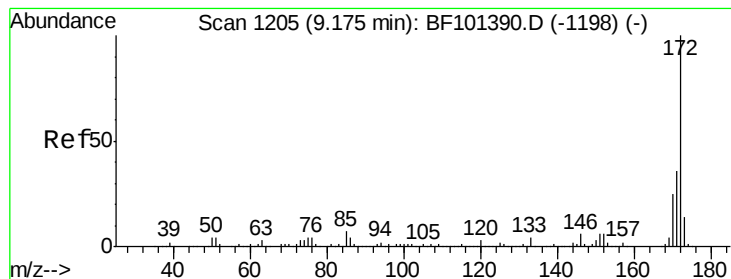
Tgt Ion:164 Resp: 252099
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 49.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 115.405 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101577.D
 Acq: 20 Dec 2017 19:33

Tgt Ion:330 Resp: 280339
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 32.7 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 88.135 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF101577.D

Acq: 20 Dec 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PHMHA-WCD

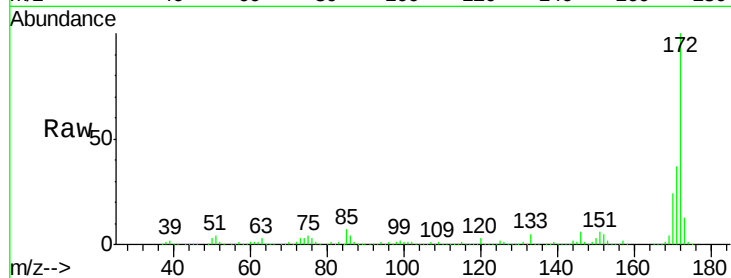
Tgt Ion:172 Resp: 1432326

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

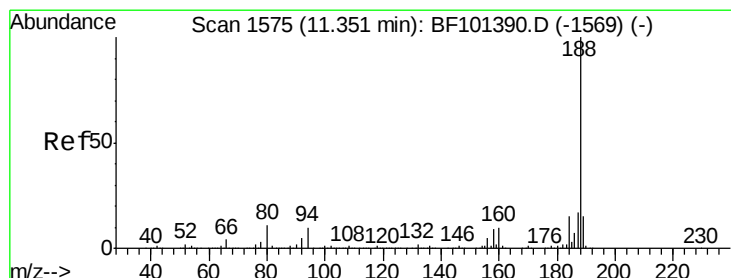
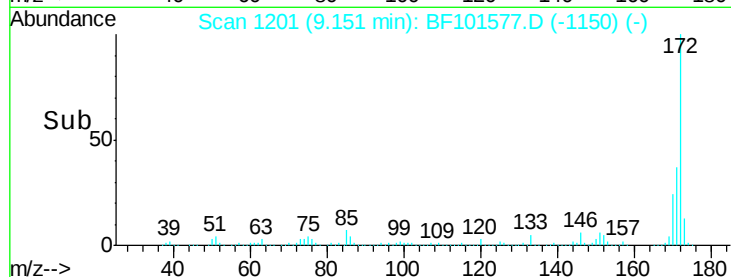
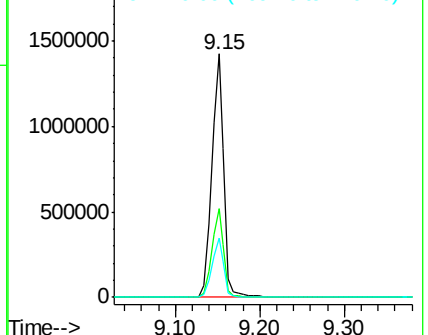
170 24.2 19.6 29.4



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: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101577.D

Acq: 20 Dec 2017 19:33

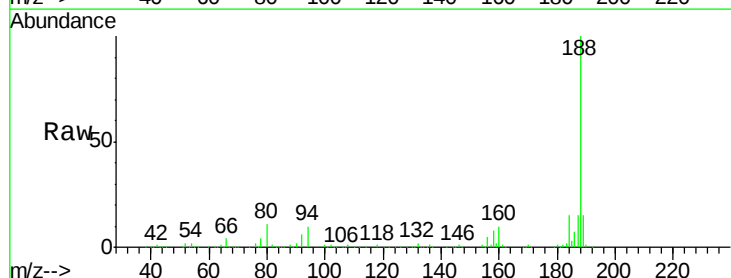
Tgt Ion:188 Resp: 428936

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

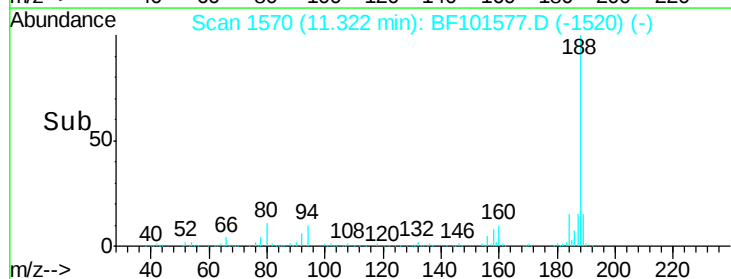
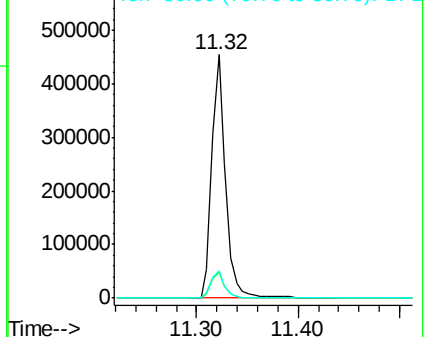
80 11.3 9.2 13.8

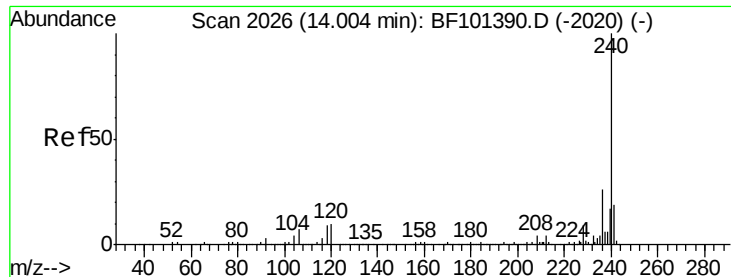


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101577.D

Acq: 20 Dec 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PHMHA-WCD

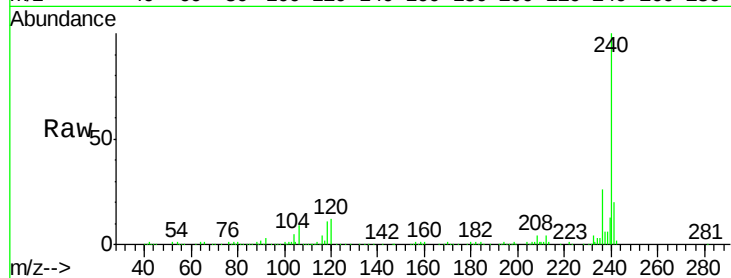
Tgt Ion:240 Resp: 269881

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

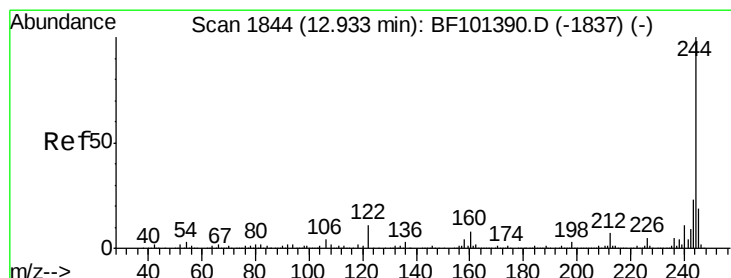
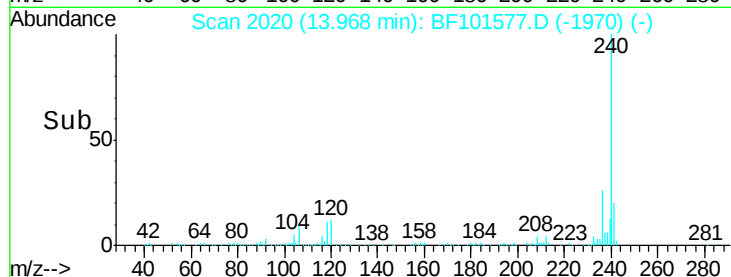
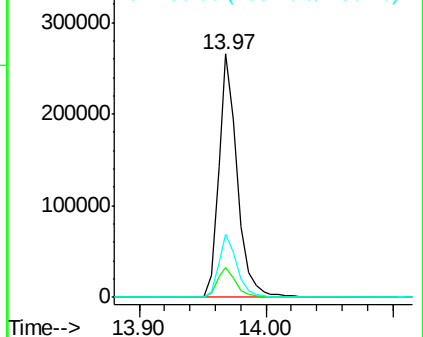
236 26.0 20.7 31.1



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: 95.266 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101577.D

Acq: 20 Dec 2017 19:33

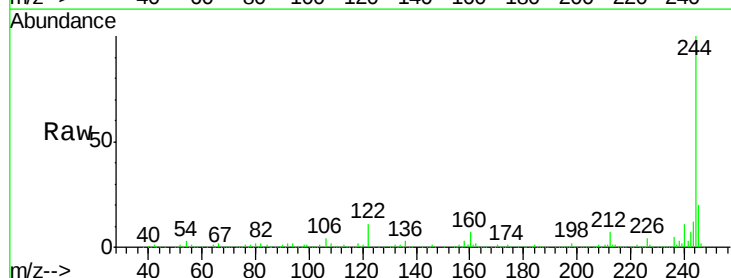
Tgt Ion:244 Resp: 1066483

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

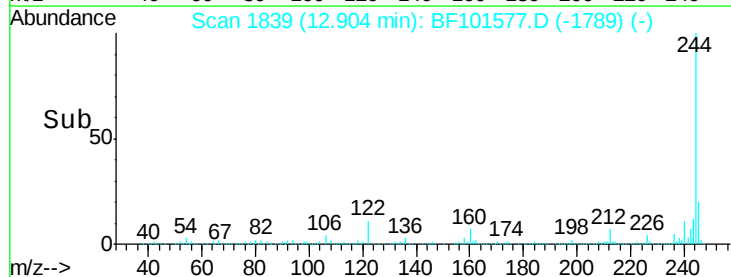
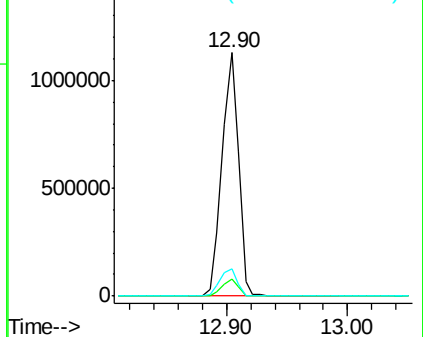
122 11.5 11.0 16.4

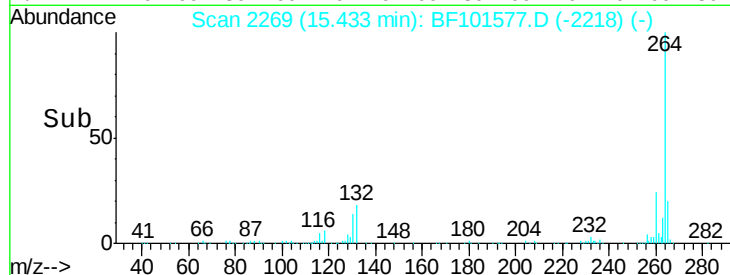
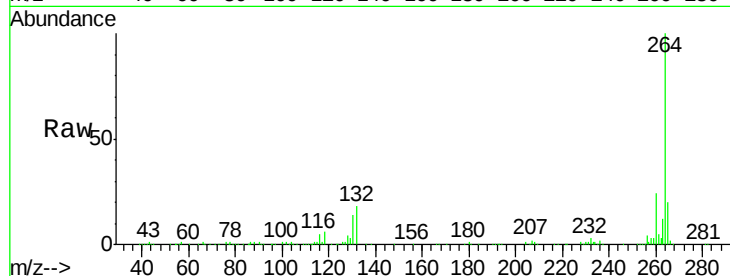
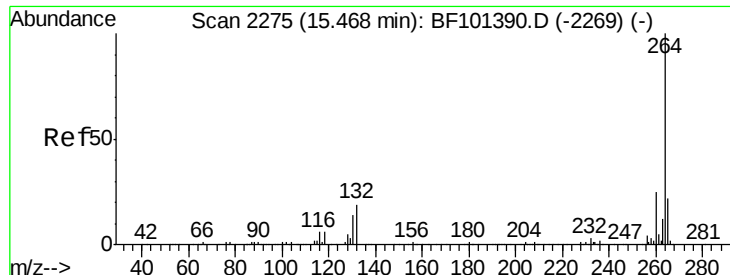


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF101577.D
Acq: 20 Dec 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PHMHA-WCD

Tgt Ion:	264	Resp:	320974
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.1	17.5	26.3

