

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099959.D
 Acq On : 30 Oct 2017 15:09
 Operator : SJ/JU
 Sample : I6084-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-U-B

Quant Time: Oct 30 16:42:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87377	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362091	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	176509	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	342815	20.00	ng	0.00
75) Chrysene-d12	13.98	240	271769	20.00	ng	0.00
86) Perylene-d12	15.46	264	203787	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	229301	41.20	ng	0.00
7) Phenol-d6	6.43	99	186111	28.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	502561	89.36	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	154137	95.82	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1012698	88.52	ng	0.00
78) Terphenyl-d14	12.91	244	1059880	85.23	ng	0.00

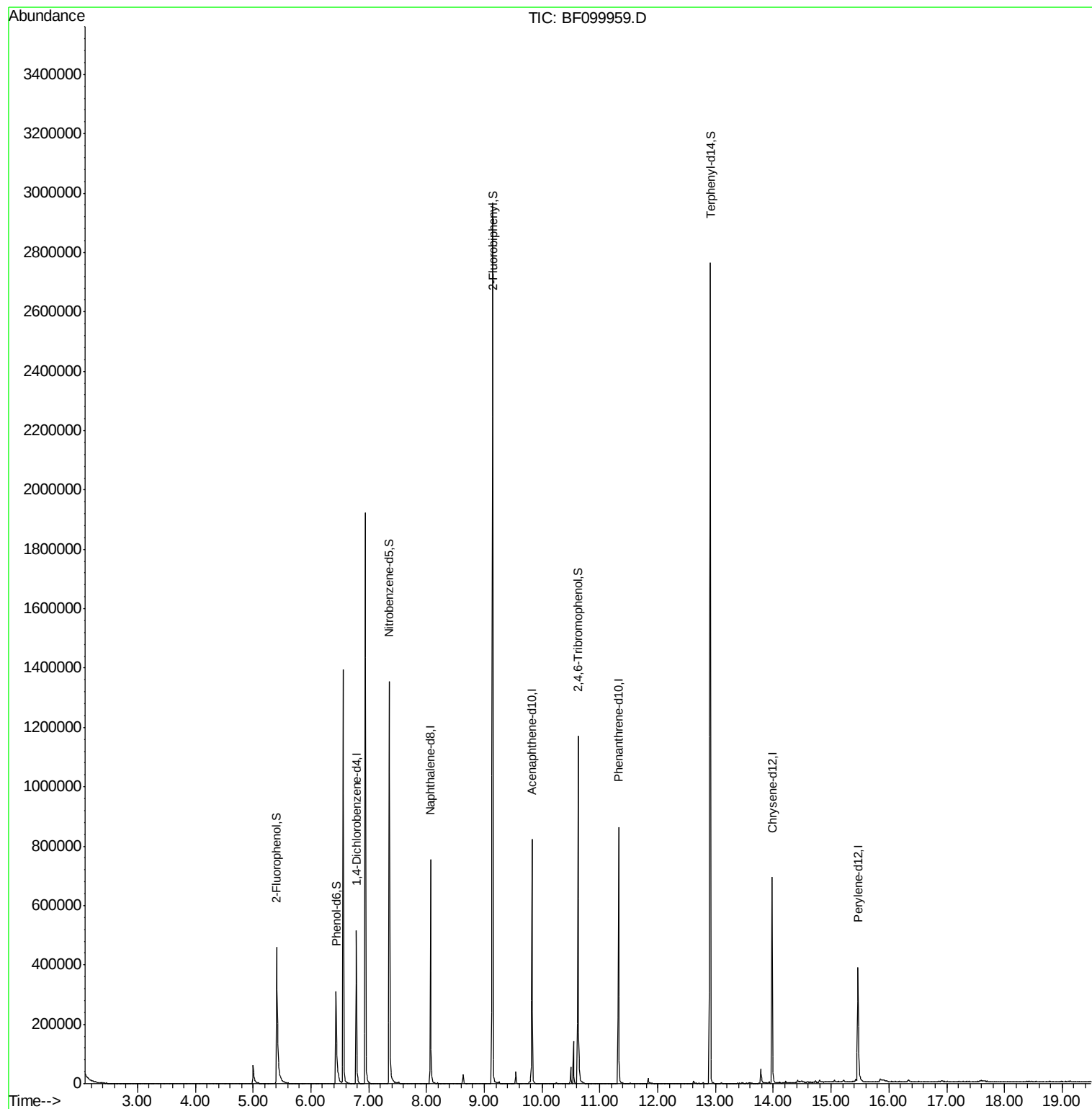
Target Compounds Qvalue

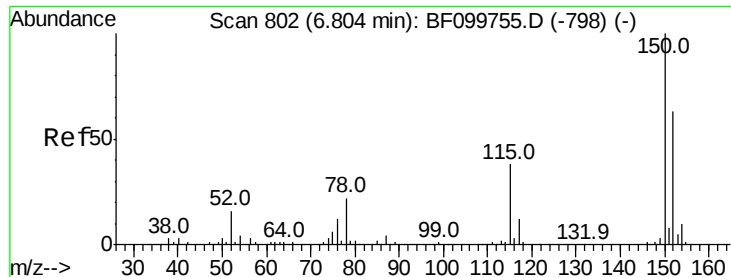
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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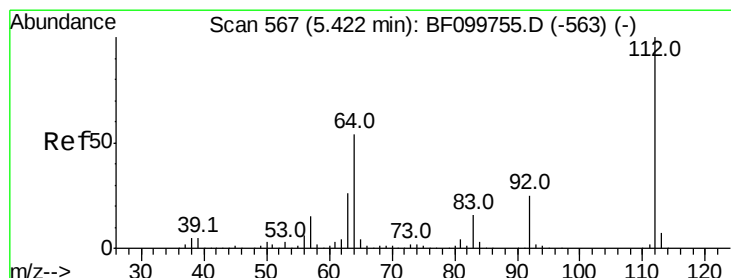
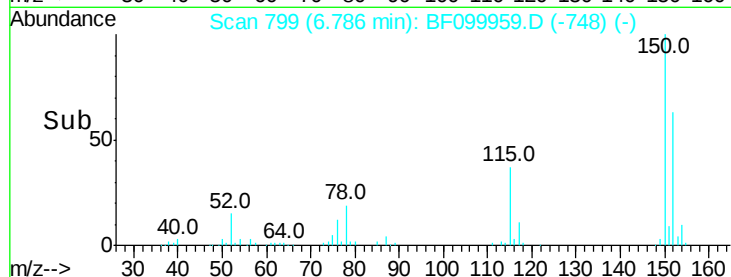
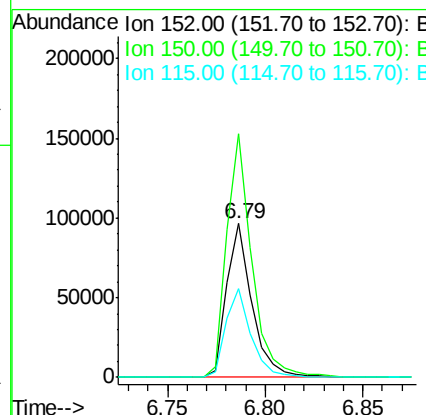
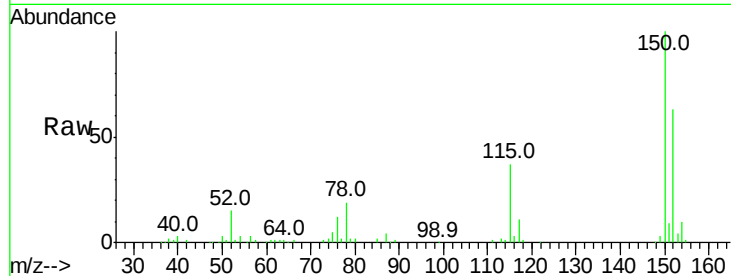


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF099959.D
Acq: 30 Oct 2017 15:09

Instrument :
BNA_F
ClientSampleId :
102117-TIDO-F-U-B

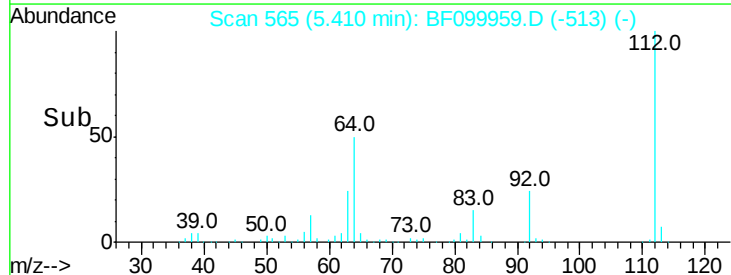
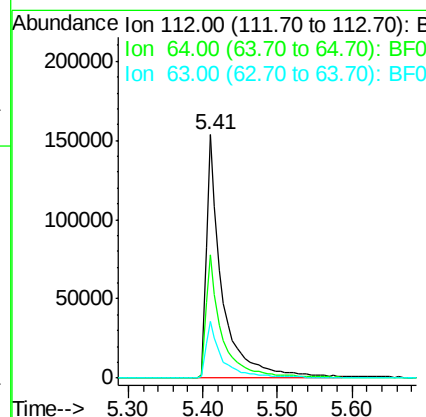
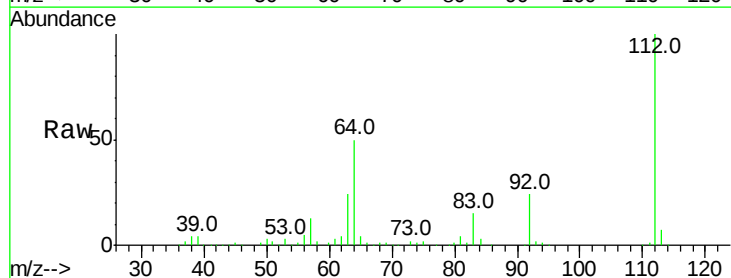
Tot Ion:152 Resp: 87377
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 58.1 50.1 75.1

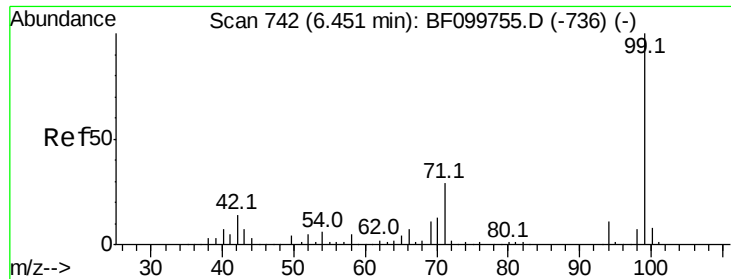


#5

2-Fluorophenol
Concen: 41.200 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099959.D
Acq: 30 Oct 2017 15:09

Tgt Ion:112 Resp: 229301
Ion Ratio Lower Upper
112 100
64 50.4 47.9 71.9
63 23.5 23.7 35.5#





#7

Phenol-d6

Concen: 28.202 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF099959.D

Acq: 30 Oct 2017 15:09

Instrument :

BNA_F

ClientSampleId :

102117-TIDO-F-U-B

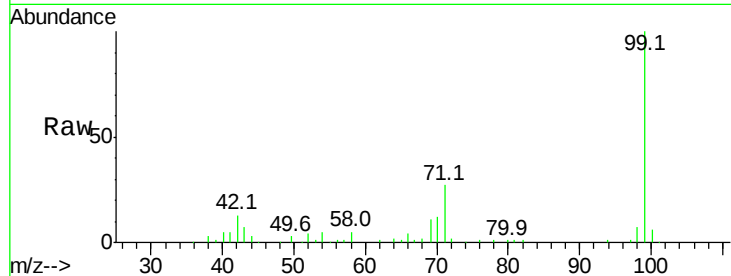
Tot Ion: 99 Resp: 186111

Ion Ratio Lower Upper

99 100

42 12.8 14.5 21.7#

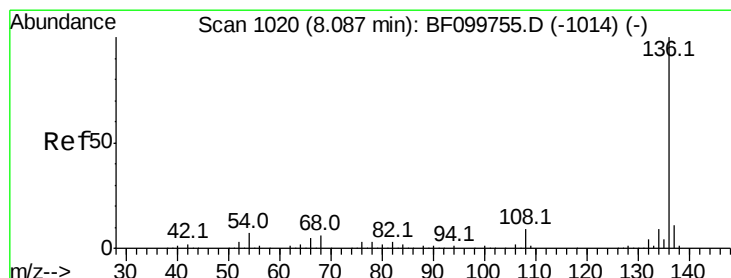
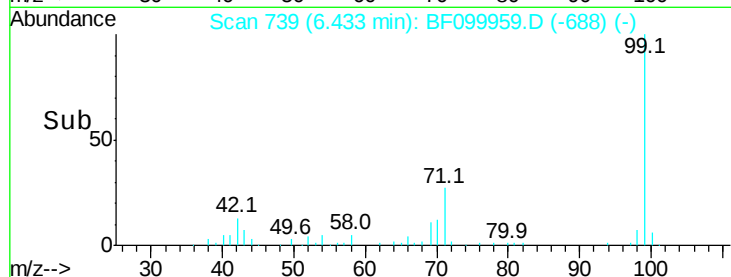
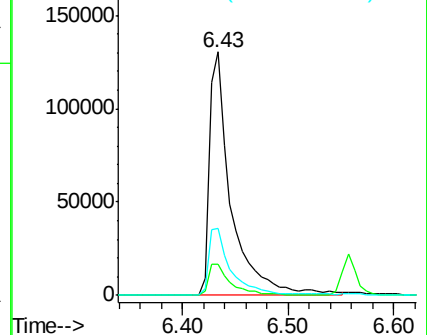
71 27.5 25.4 38.0



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: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF099959.D

Acq: 30 Oct 2017 15:09

Tgt Ion: 136 Resp: 362091

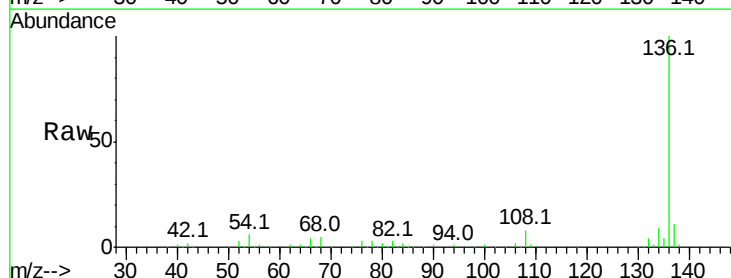
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

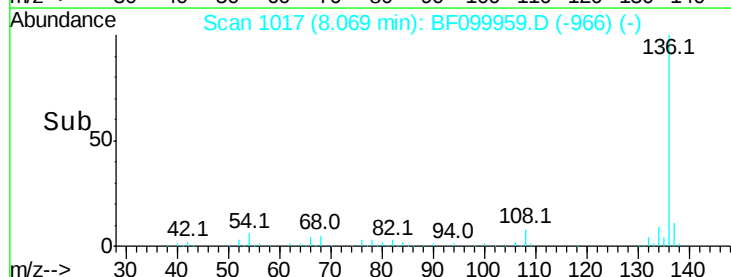
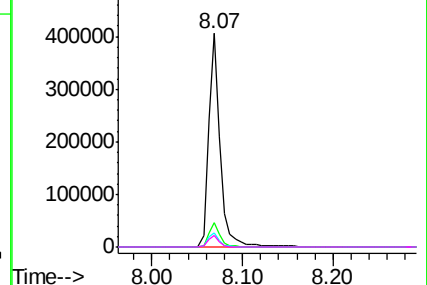


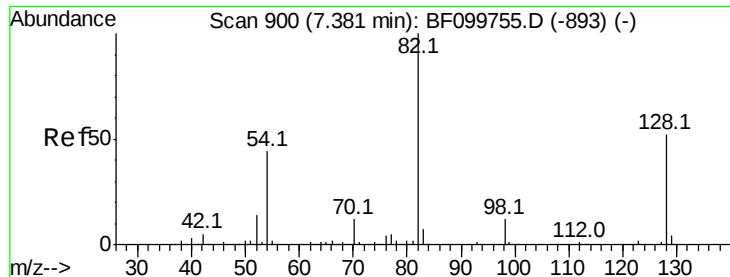
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

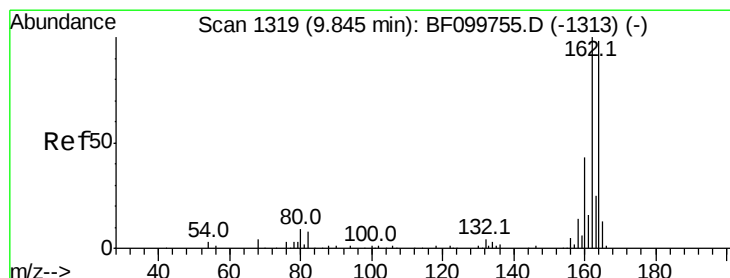
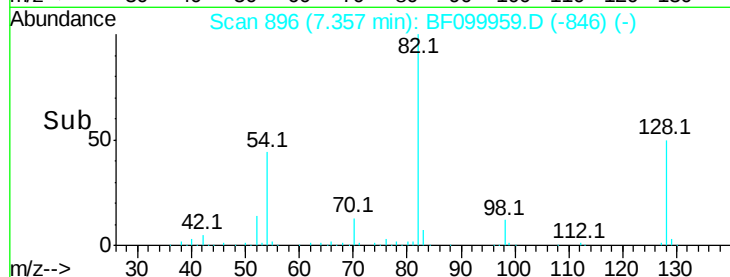
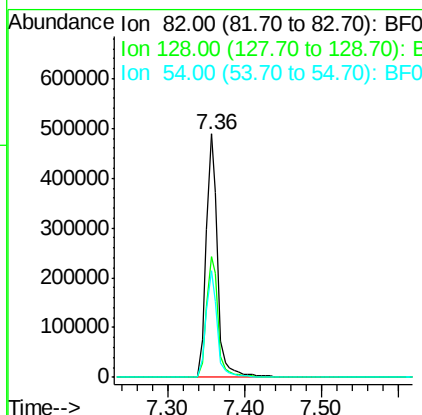
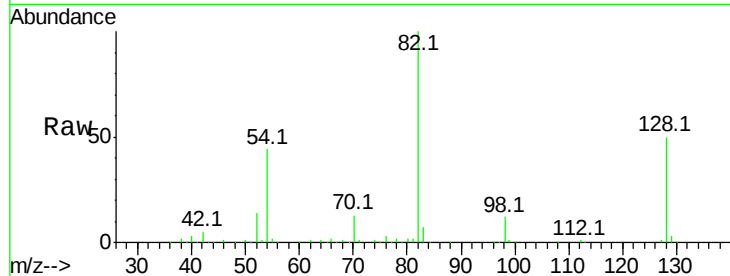




#23
 Nitrobenzene-d5
 Concen: 89.356 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

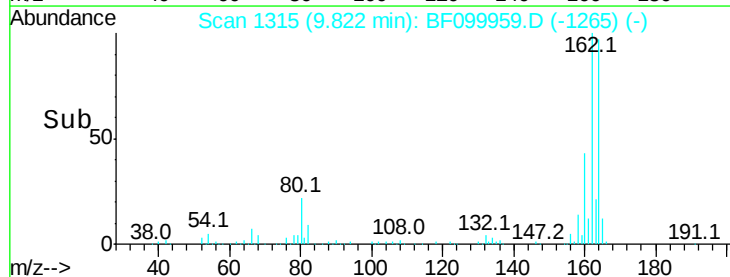
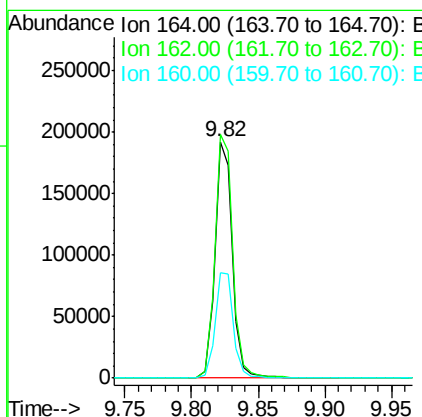
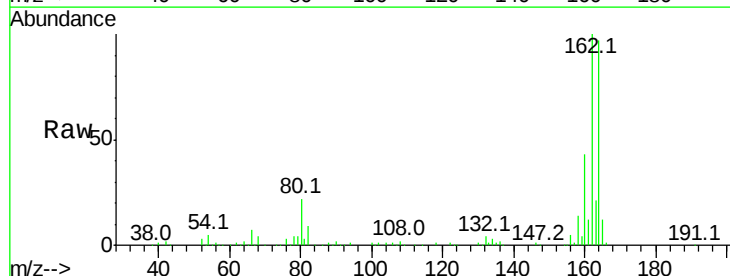
Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-U-B

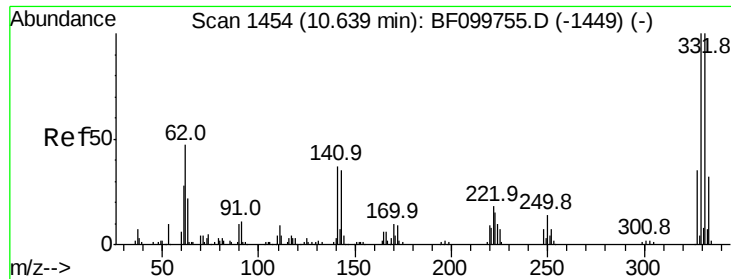
Tot Ion: 82 Resp: 502561
 Ion Ratio Lower Upper
 82 100
 128 49.7 36.1 54.1
 54 43.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Tgt Ion:164 Resp: 176509
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 44.5 38.3 57.5

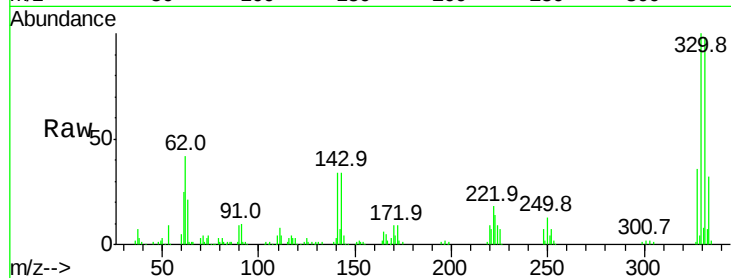




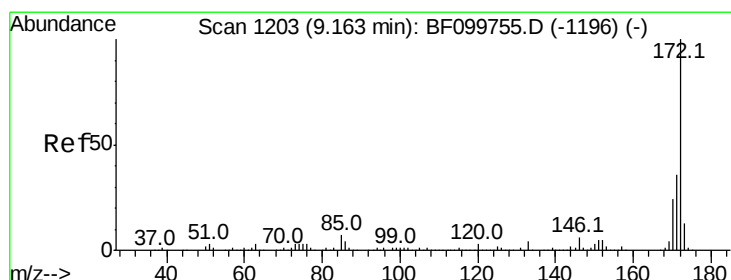
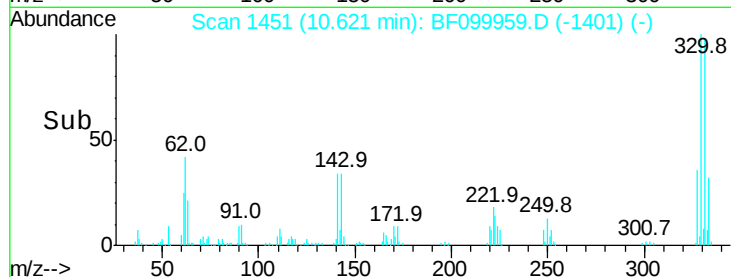
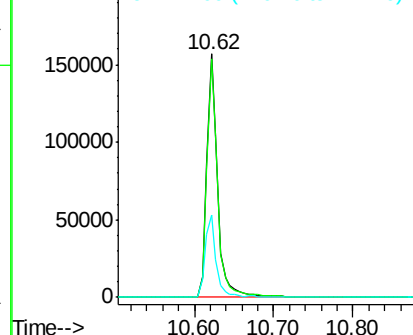
#41
 2,4,6-Tribromophenol
 Concen: 95.823 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-U-B

Tot Ion:330 Resp: 154137
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 34.7 29.9 44.9

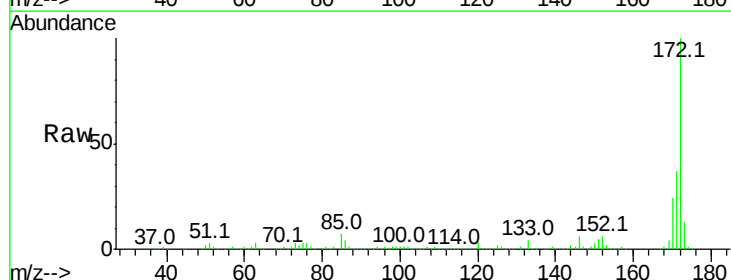


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

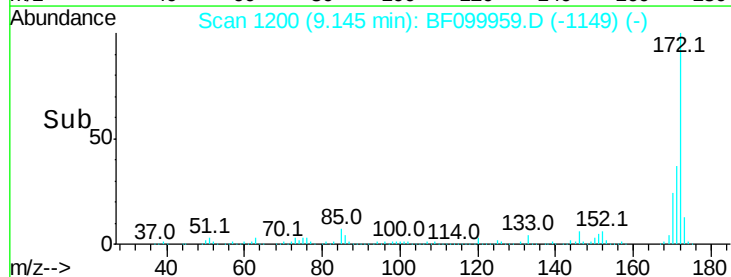
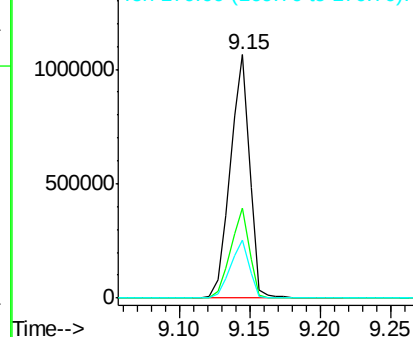


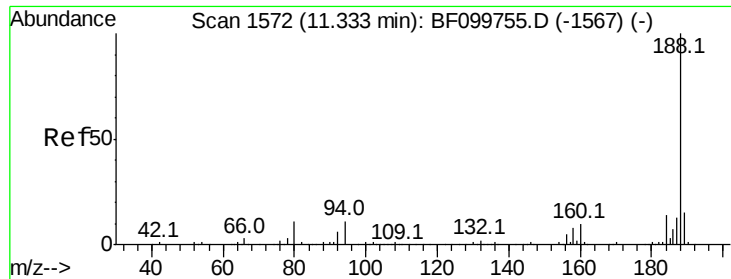
#44
 2-Fluorobiphenyl
 Concen: 88.518 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Tgt Ion:172 Resp: 1012698
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.7 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

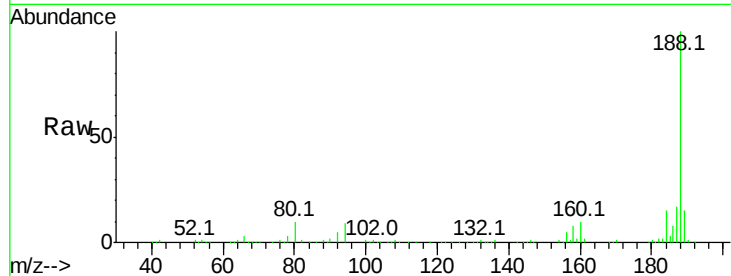




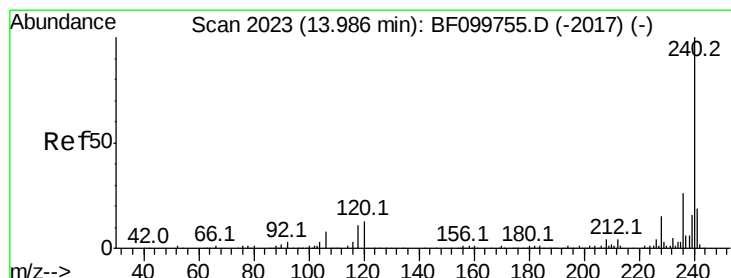
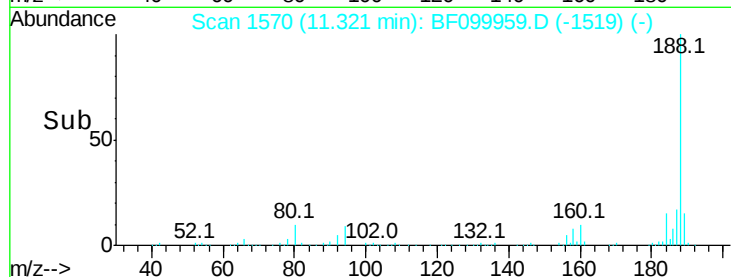
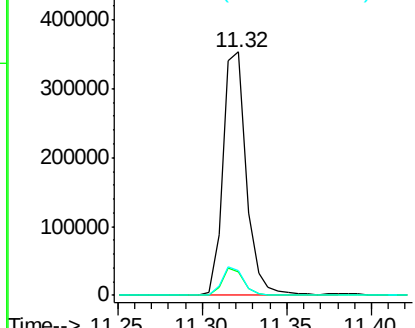
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-U-B

Tot Ion:188 Resp: 342815
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.0 9.2 13.8

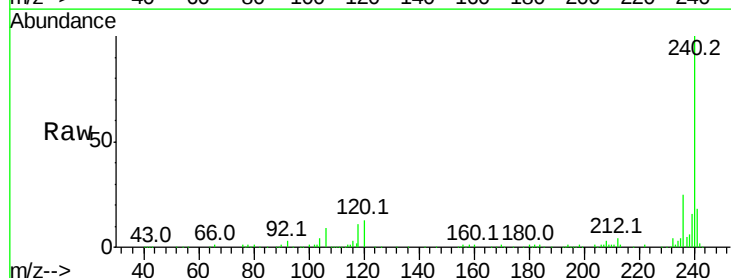


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

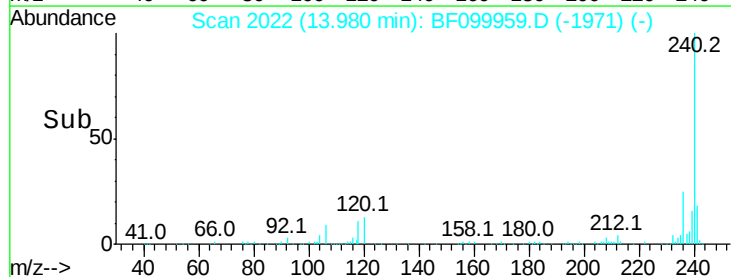
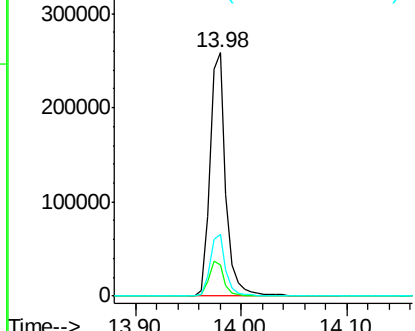


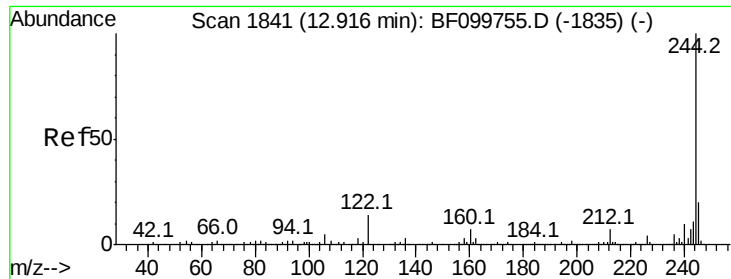
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099959.D
 Acq: 30 Oct 2017 15:09

Tgt Ion:240 Resp: 271769
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 25.3 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: 85.228 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF099959.D

Acq: 30 Oct 2017 15:09

Instrument :

BNA_F

ClientSampleId :

102117-TIDO-F-U-B

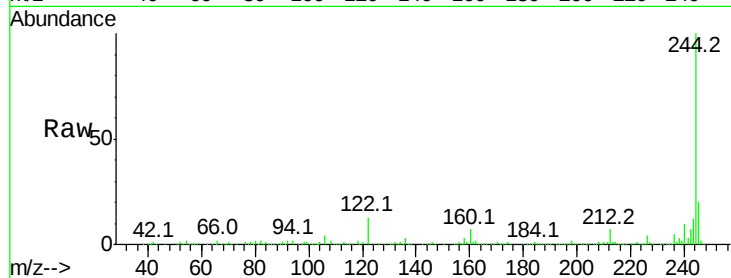
Tot Ion:244 Resp: 1059880

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

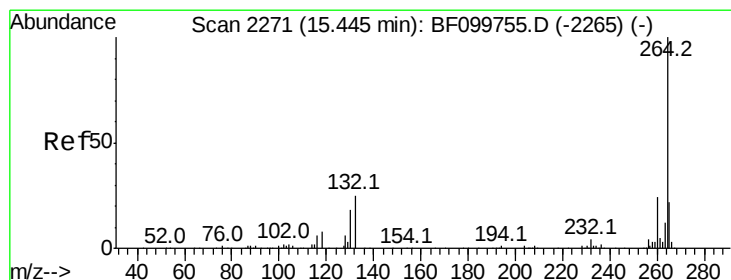
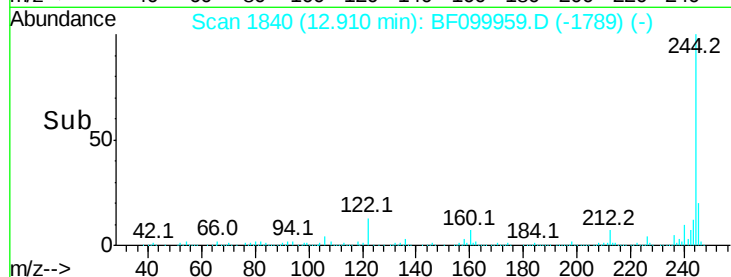
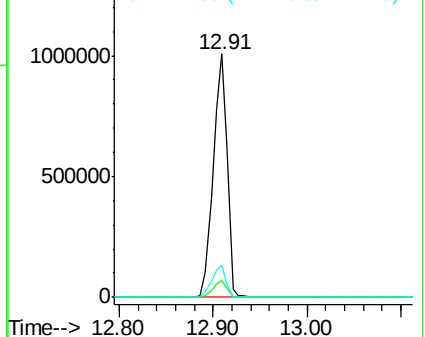
122 13.1 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF099959.D

Acq: 30 Oct 2017 15:09

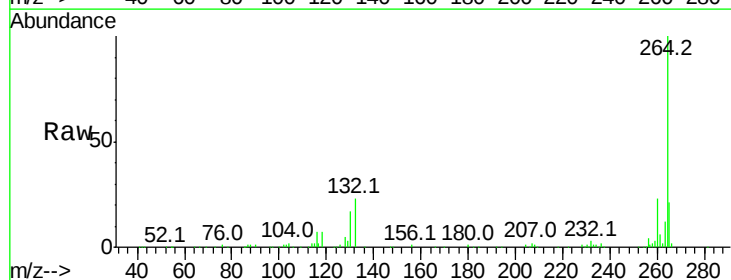
Tgt Ion:264 Resp: 203787

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.6 17.5 26.3



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

