

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103106.D
 Acq On : 20 Feb 2018 2:41
 Operator : SJ/JU
 Sample : J1604-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 20 04:52:58 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

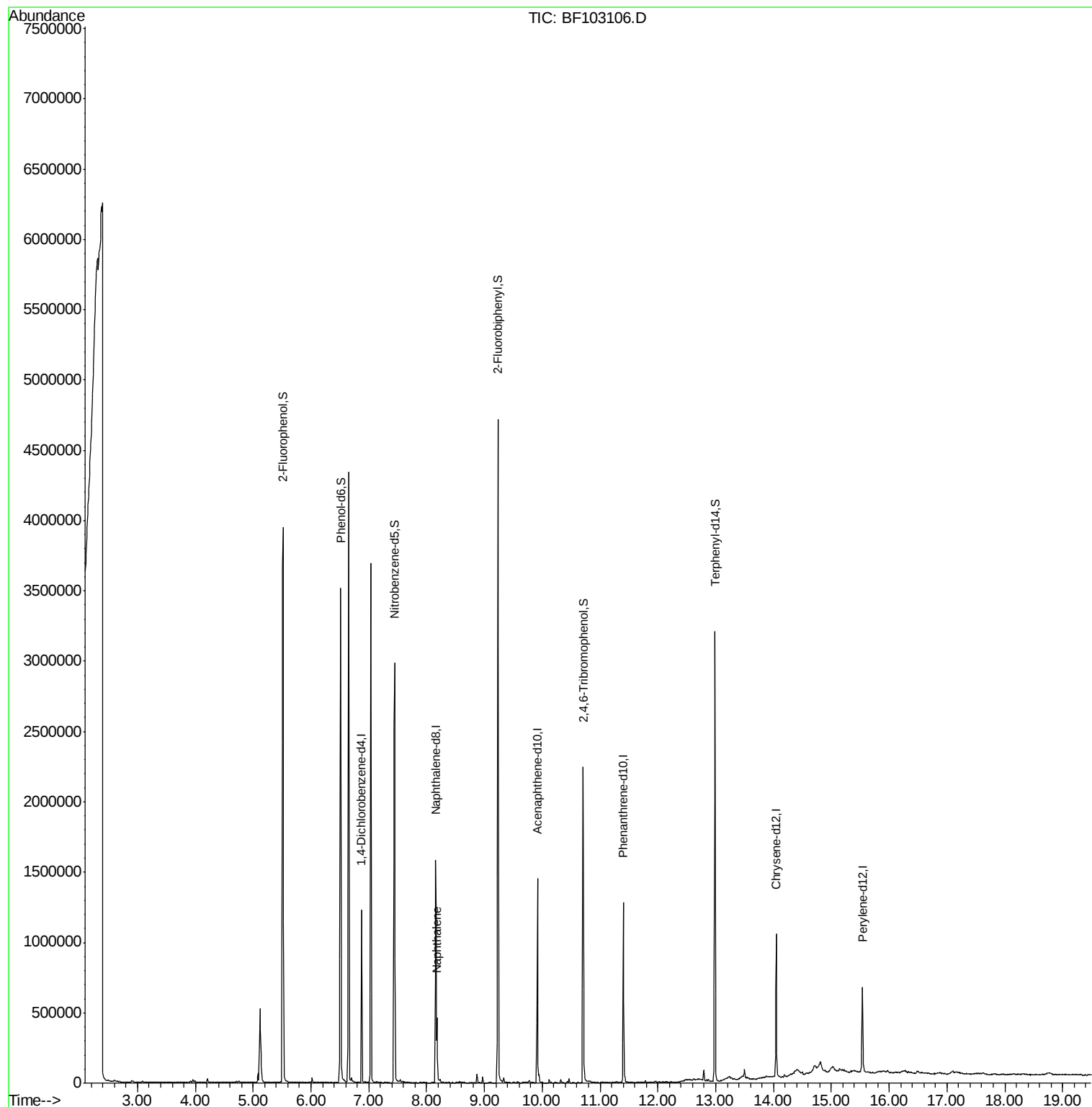
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172374	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	708255	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	304441	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	452702	20.00	ng	0.00
75) Chrysene-d12	14.04	240	315889	20.00	ng	-0.01
86) Perylene-d12	15.54	264	278927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1261346	111.13	ng	0.02
7) Phenol-d6	6.52	99	1366640	100.00	ng	0.00
23) Nitrobenzene-d5	7.45	82	1055407	103.37	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	298812	121.94	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1628235	88.75	ng	0.00
78) Terphenyl-d14	12.99	244	1178911	88.37	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	178155	5.148	ng	Qvalue 99

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

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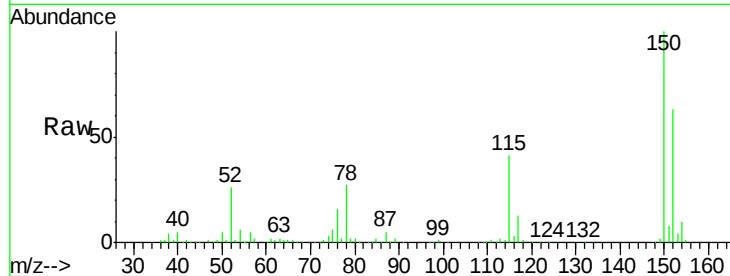


#1

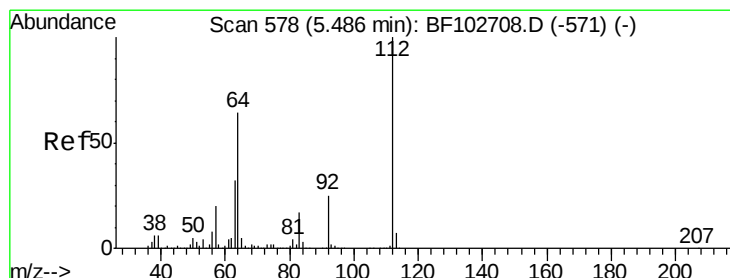
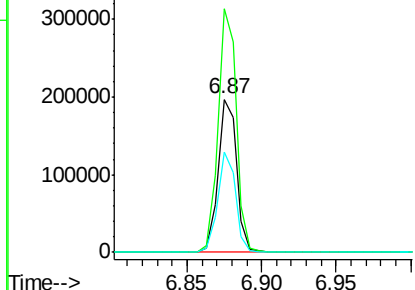
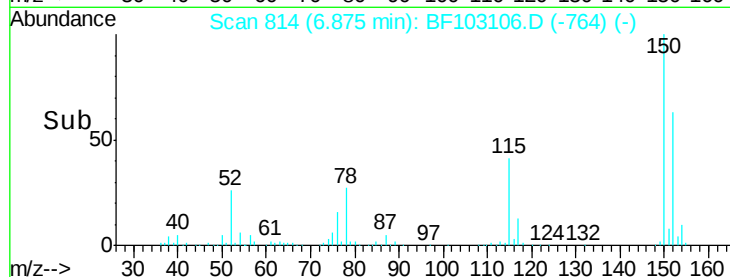
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 172374
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 65.7 50.1 75.1



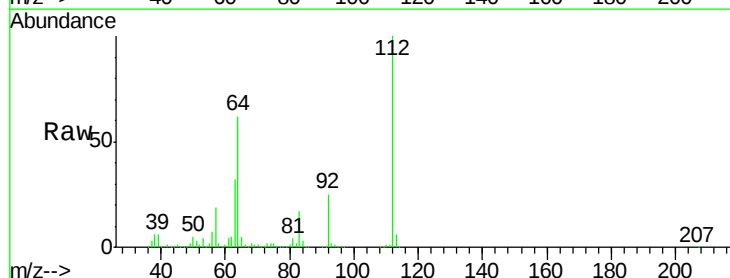
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



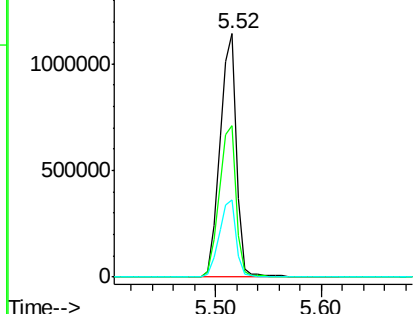
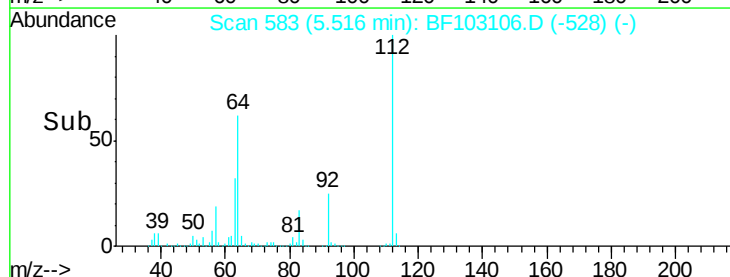
#5

2-Fluorophenol
Concen: 111.128 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion:112 Resp: 1261346
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.999 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103106.D

Acq: 20 Feb 2018 2:41

Instrument :

BNA_F

ClientSampleId :

TP-1

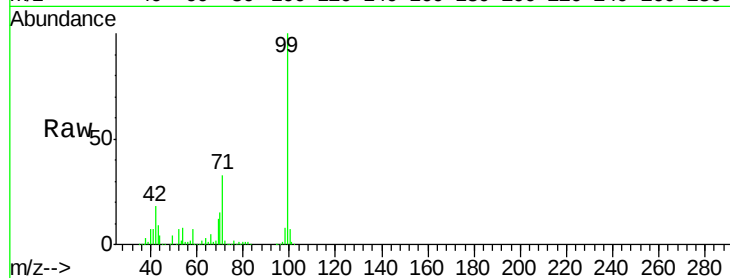
Tgt Ion: 99 Resp: 1366640

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

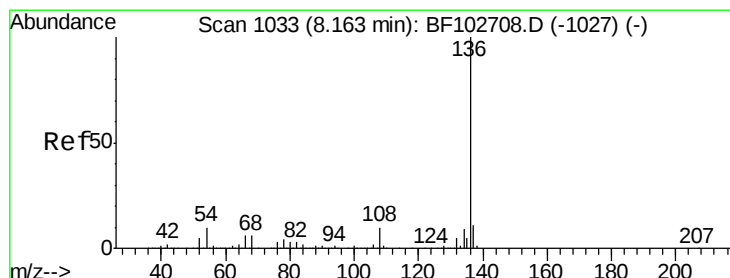
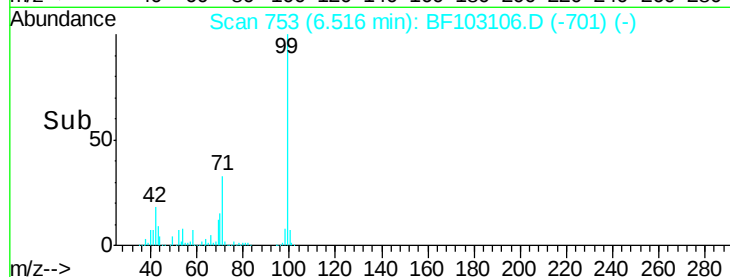
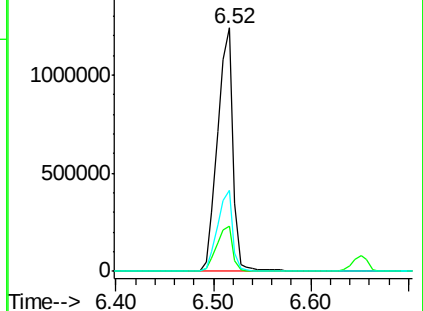
71 33.0 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103106.D

Acq: 20 Feb 2018 2:41

Tgt Ion: 136 Resp: 708255

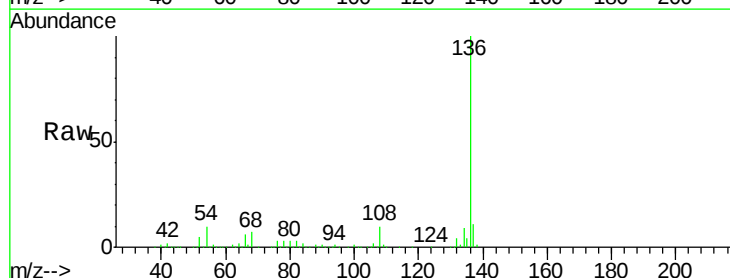
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.9 6.6 9.8#

68 6.6 5.0 7.4

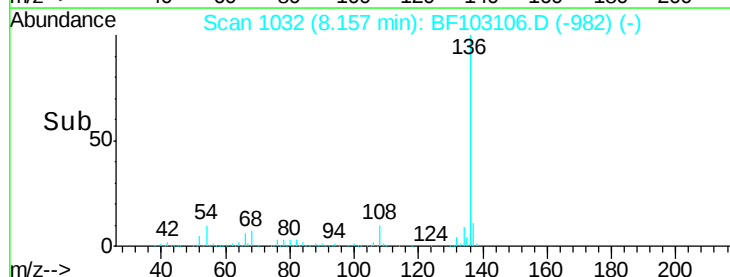
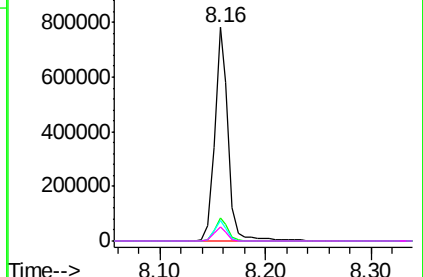


Abundance Ion 136.00 (135.70 to 136.70): E

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

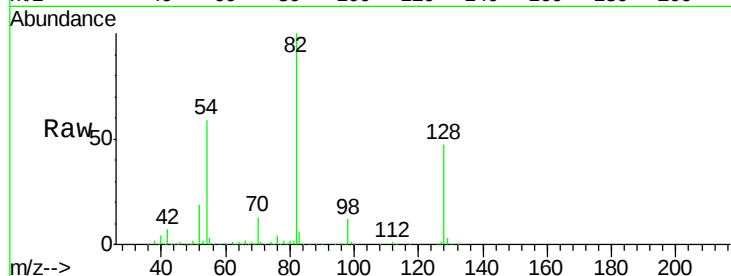




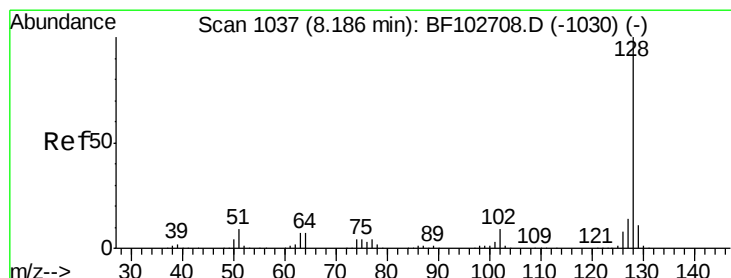
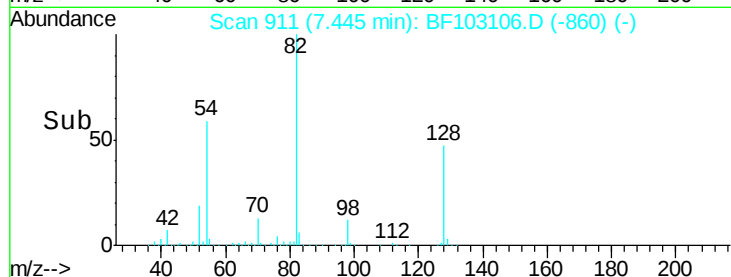
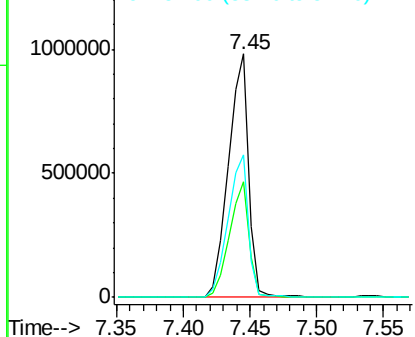
#23
Nitrobenzene-d5
Concen: 103.373 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 1055407
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 58.6 41.4 62.2

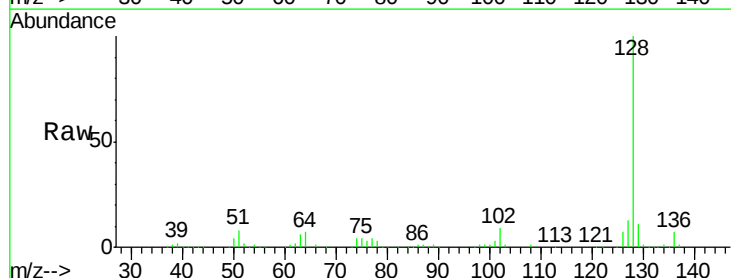


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

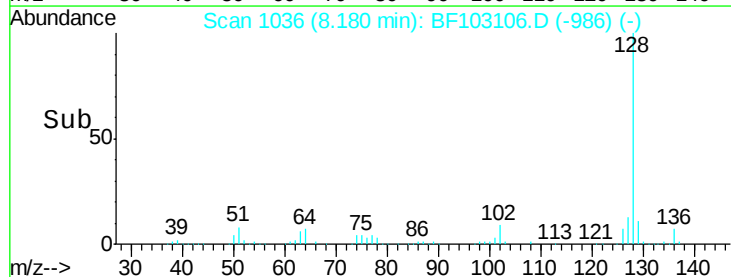
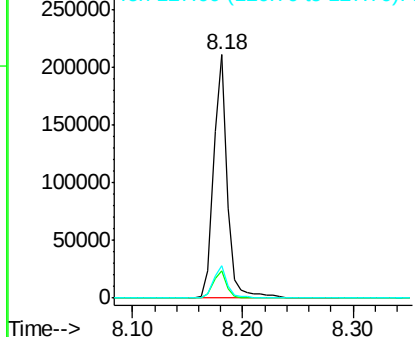


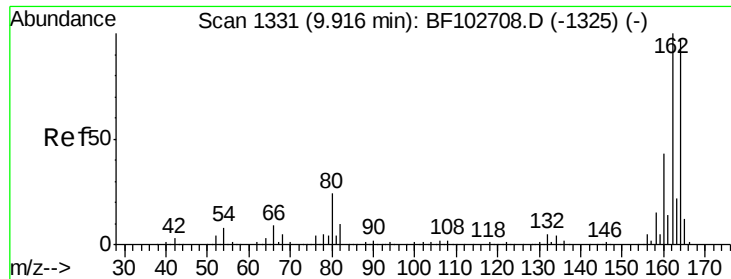
#31
Naphthalene
Concen: 5.148 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Tgt Ion: 128 Resp: 178155
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103106.D

Acq: 20 Feb 2018 2:41

Instrument :

BNA_F

ClientSampleId :

TP-1

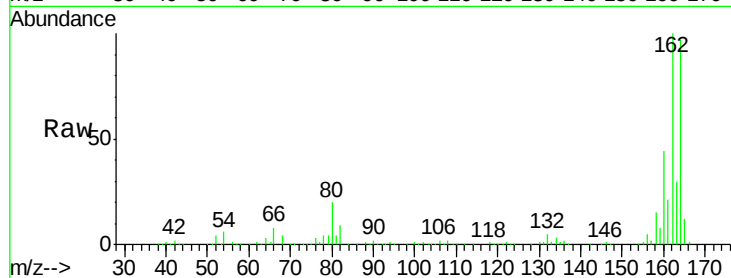
Tgt Ion:164 Resp: 304441

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

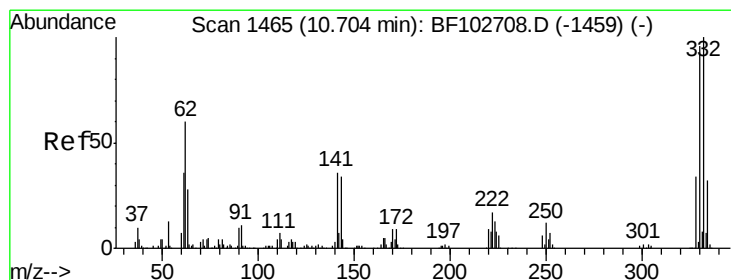
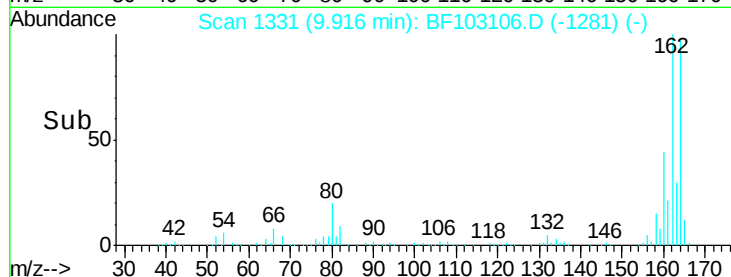
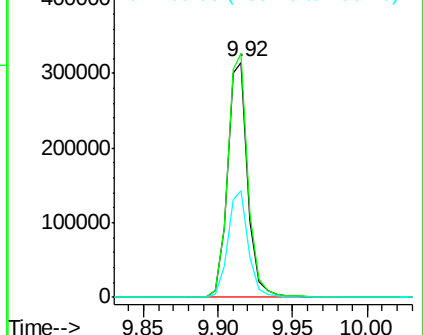
160 45.6 38.3 57.5



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: 121.944 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103106.D

Acq: 20 Feb 2018 2:41

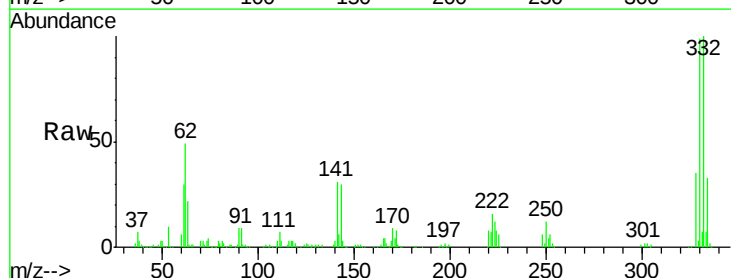
Tgt Ion:330 Resp: 298812

Ion Ratio Lower Upper

330 100

332 102.1 77.0 115.6

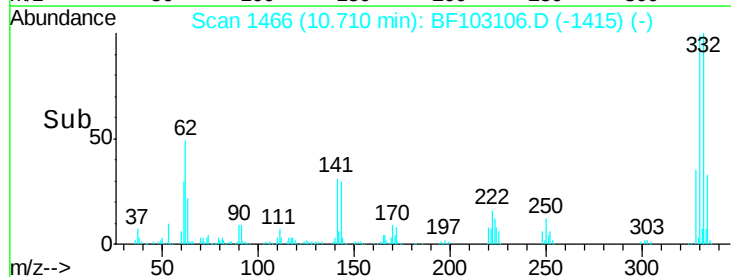
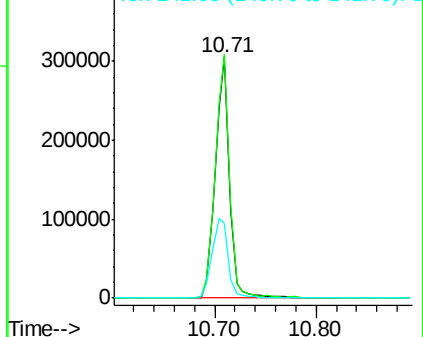
141 38.1 29.9 44.9

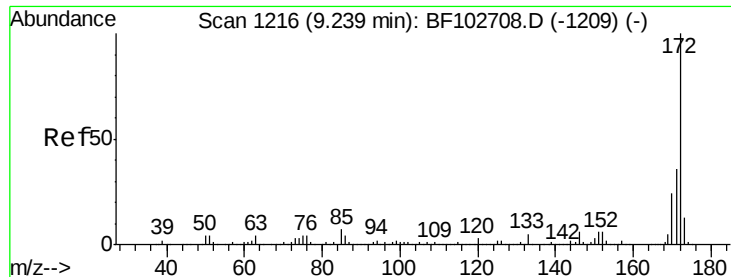


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

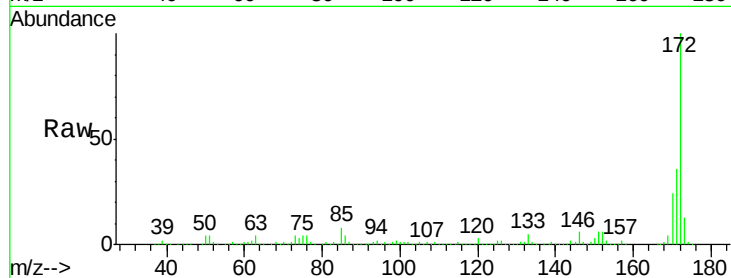




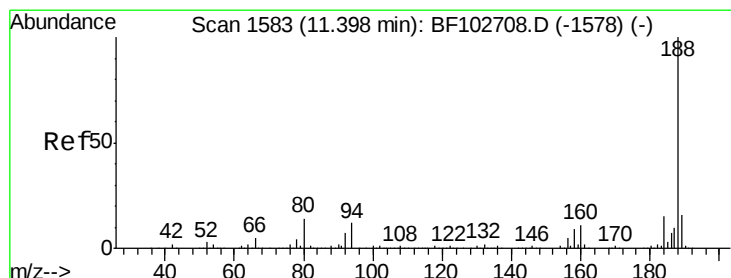
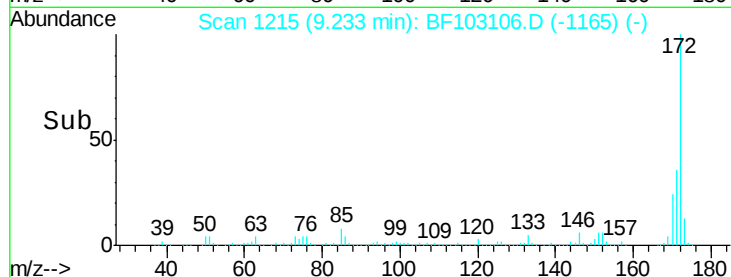
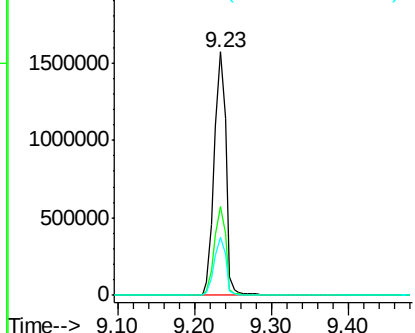
#44
 2-Fluorobiphenyl
 Concen: 88.747 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103106.D
 Acq: 20 Feb 2018 2:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:172 Resp: 1628235
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.0 19.6 29.4

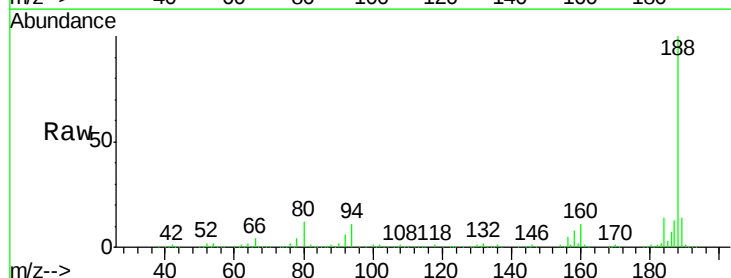


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

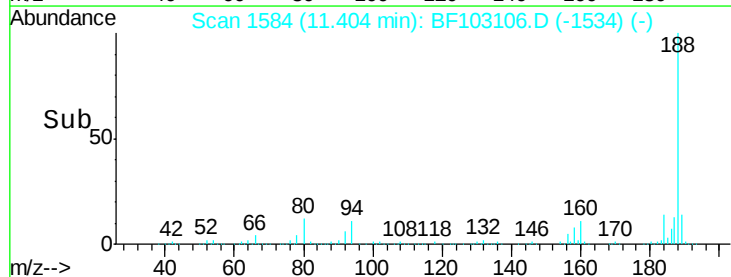
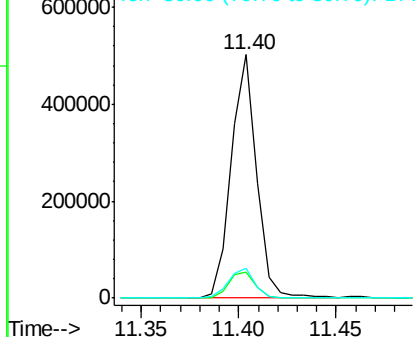


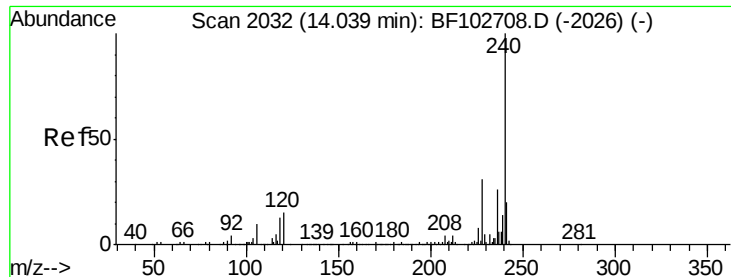
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103106.D
 Acq: 20 Feb 2018 2:41

Tgt Ion:188 Resp: 452702
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 12.1 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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF103106.D

Acq: 20 Feb 2018 2:41

Instrument :

BNA_F

ClientSampleId :

TP-1

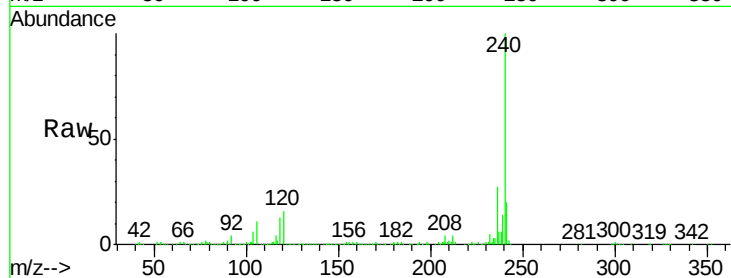
Tgt Ion:240 Resp: 315889

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

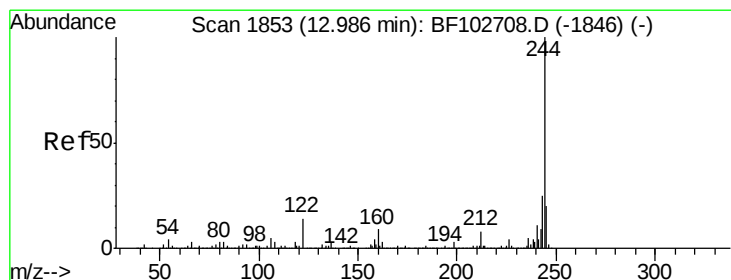
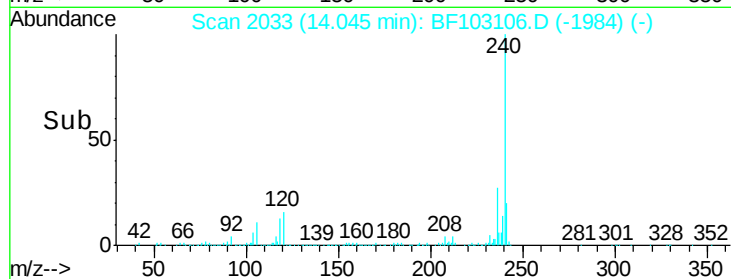
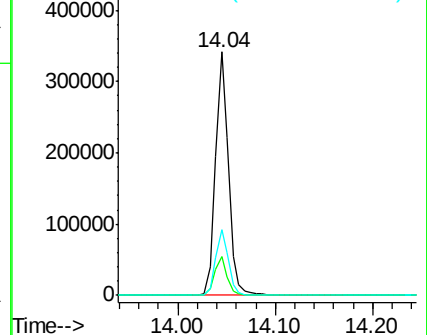
236 26.8 20.7 31.1



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: 88.366 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103106.D

Acq: 20 Feb 2018 2:41

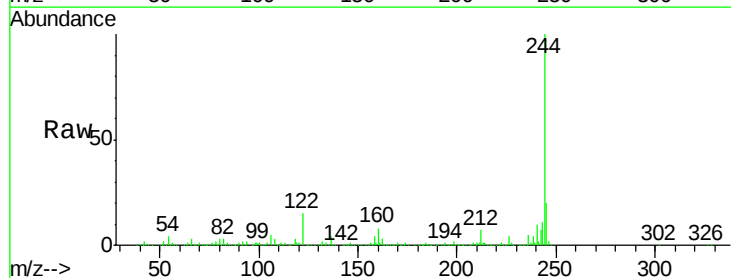
Tgt Ion:244 Resp: 1178911

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

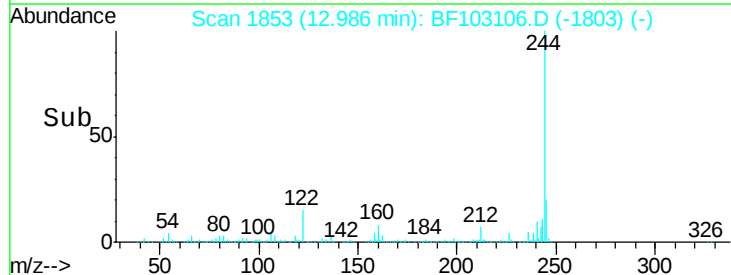
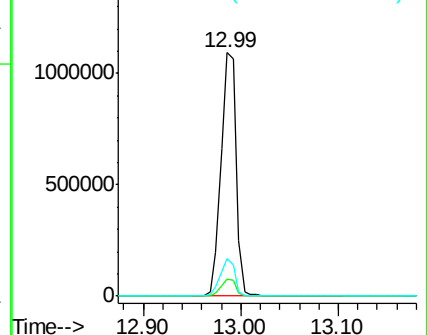
122 15.2 11.0 16.4

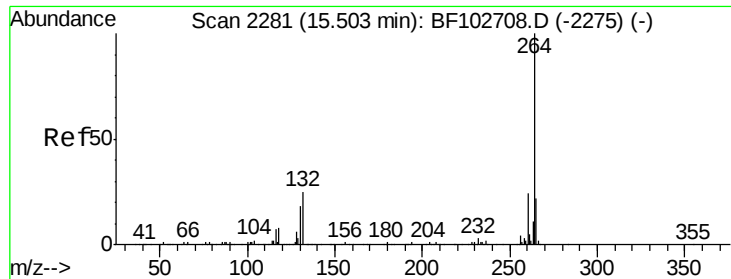


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

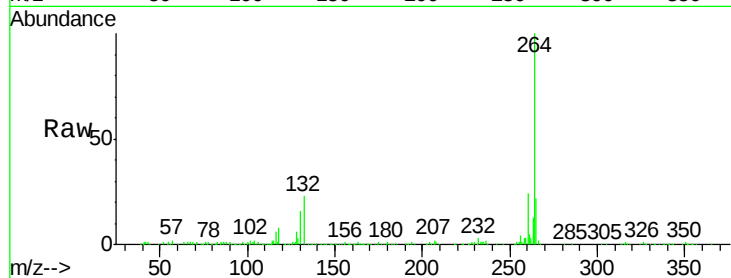




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103106.D
Acq: 20 Feb 2018 2:41

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 264 Resp: 278927
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.0 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

