

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
 Data File : BF110096.D
 Acq On : 23 Oct 2018 23:49
 Operator : JU/SJ
 Sample : PB113698BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113698BL

Quant Time: Oct 24 06:05:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	203937	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	819532	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	401977	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	802650	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	681832	20.00	ng	-0.02
87) Perylene-d12	15.67	264	587876	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1486902	118.73	ng	0.00
7) Phenol-d6	6.59	99	1896590	118.40	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1203531	87.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	508506	127.71	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	2178403	85.10	ng	-0.02
79) Terphenyl-d14	13.09	244	2351902	71.74	ng	-0.01

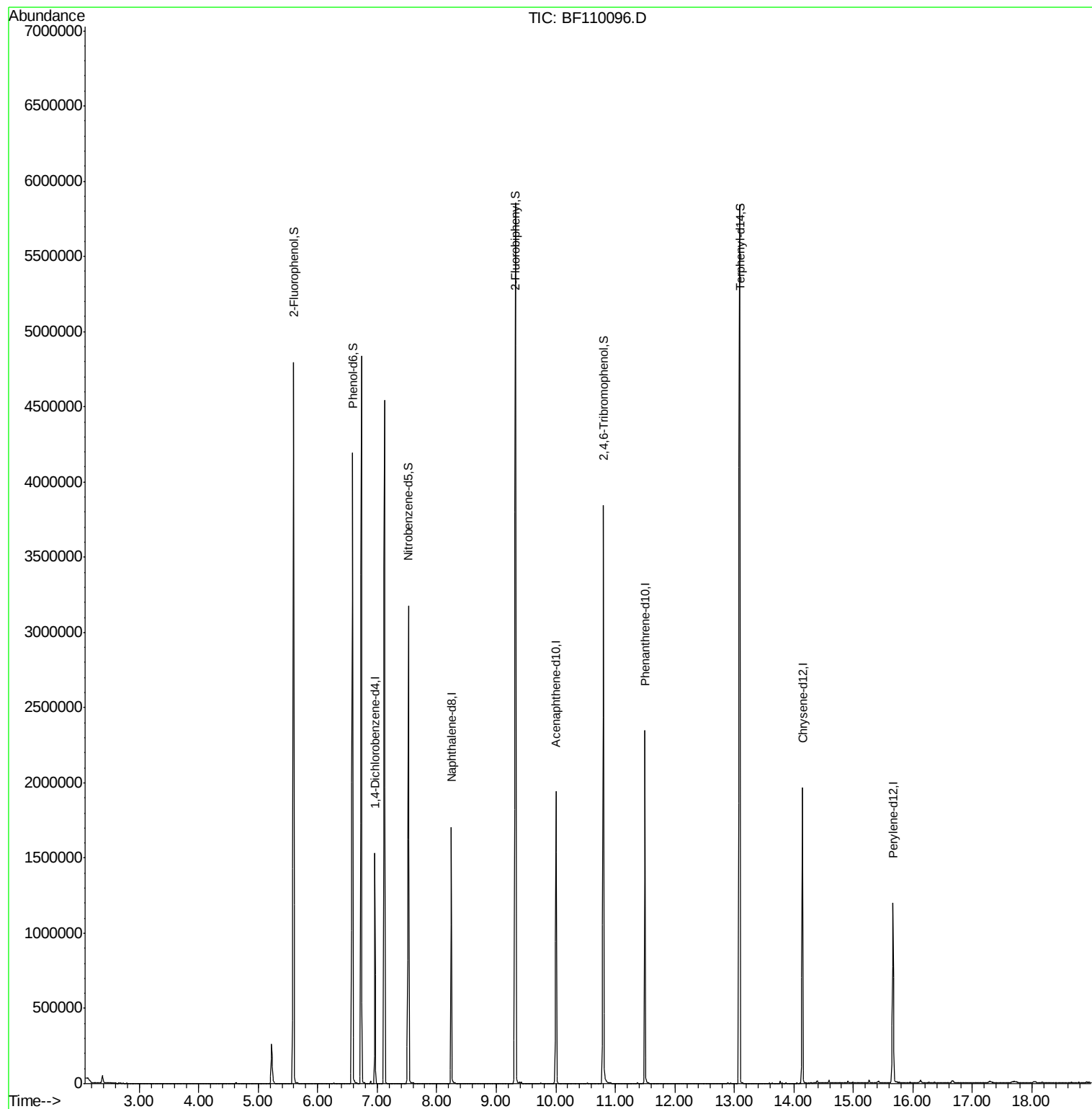
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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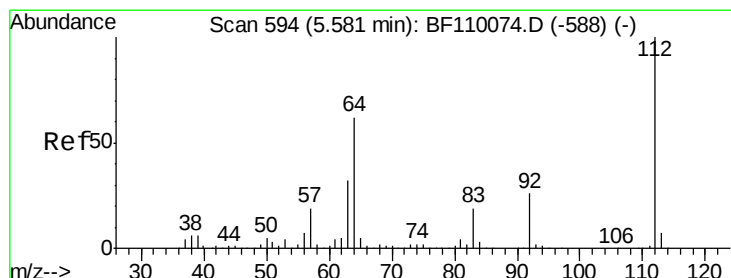
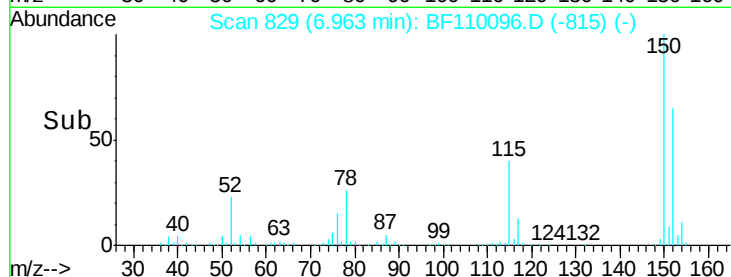
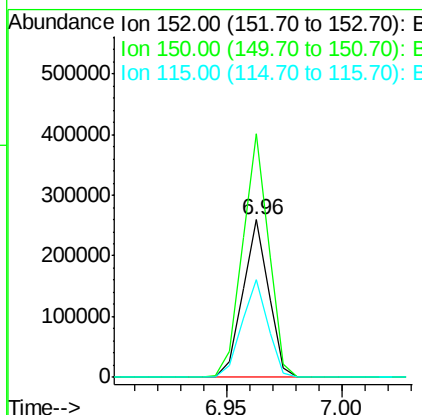
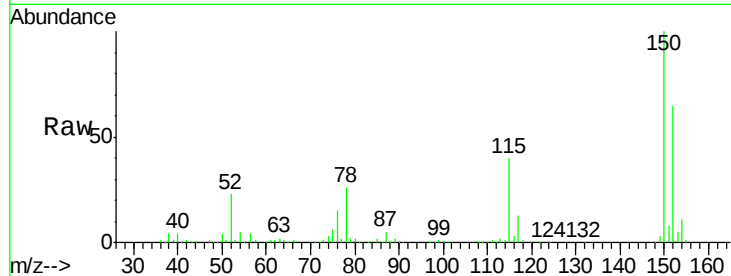




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

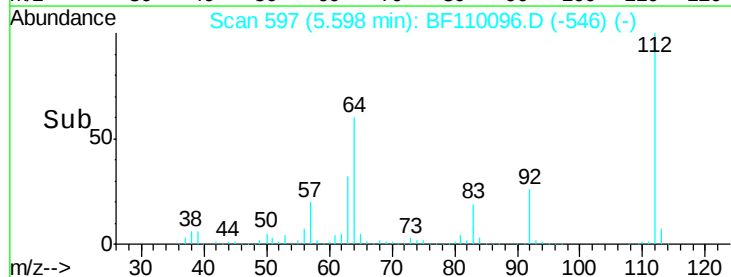
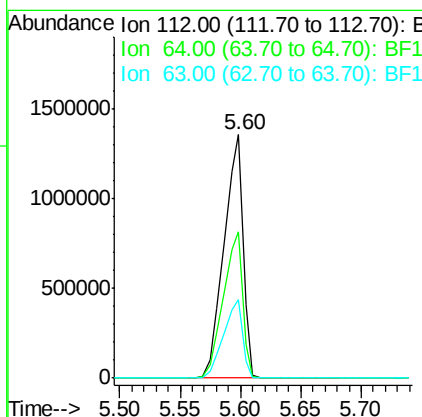
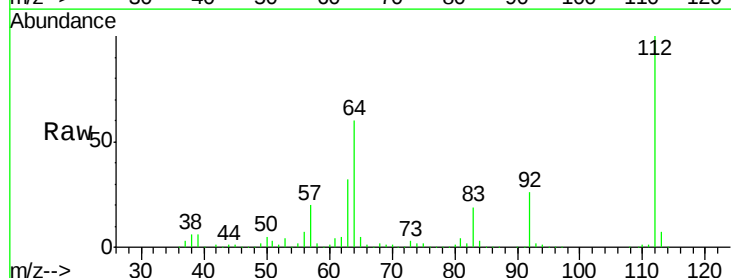
Instrument :
 BNA_F
 ClientSampleId :
 PB113698BL

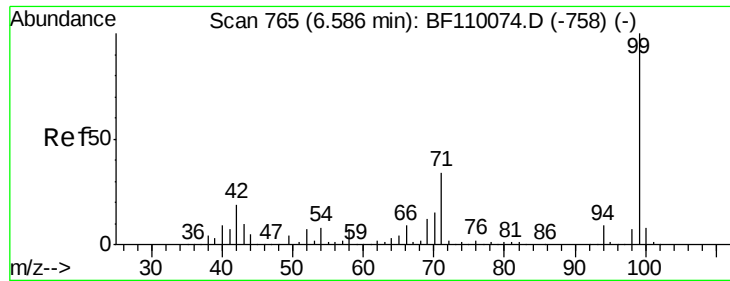
Tgt Ion:152 Resp: 203937
 Ion Ratio Lower Upper
 152 100
 150 154.7 122.7 184.1
 115 62.4 49.1 73.7



#5
 2-Fluorophenol
 Concen: 118.730 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Tgt Ion:112 Resp: 1486902
 Ion Ratio Lower Upper
 112 100
 64 60.2 44.1 66.1
 63 32.1 23.7 35.5





#7

Phenol-d6

Concen: 118.401 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

Instrument :

BNA_F

ClientSampleId :

PB113698BL

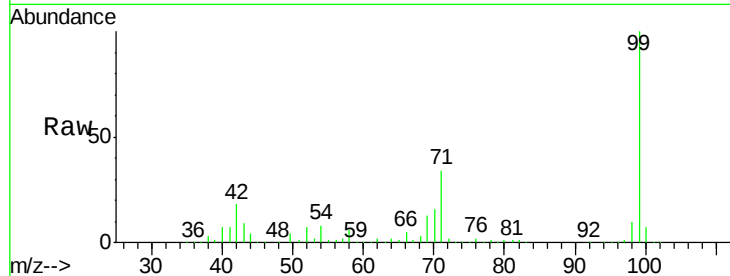
Tgt Ion: 99 Resp: 1896590

Ion Ratio Lower Upper

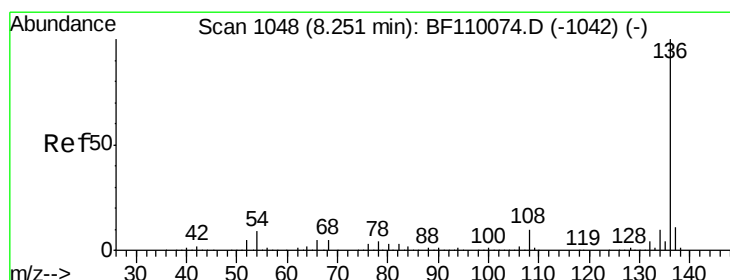
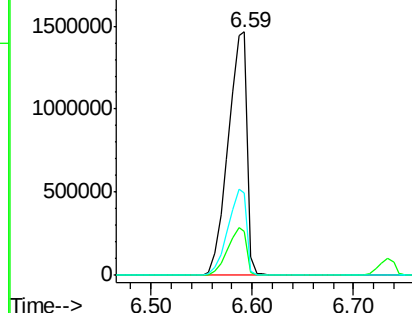
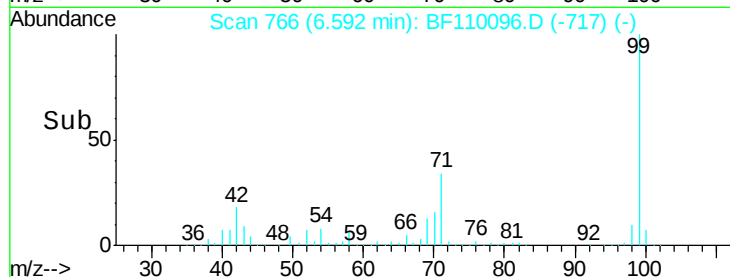
99 100

42 18.1 15.8 23.6

71 33.9 28.0 42.0



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: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

Tgt Ion: 136 Resp: 819532

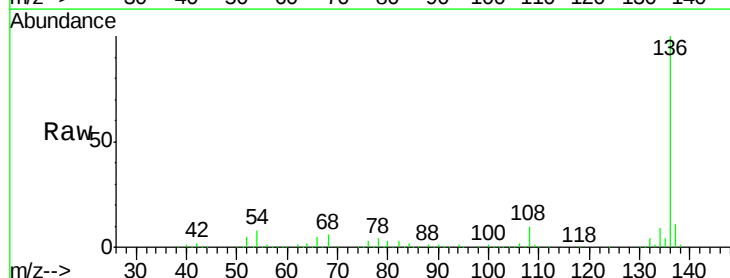
Ion Ratio Lower Upper

136 100

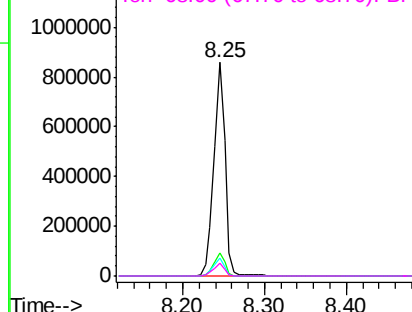
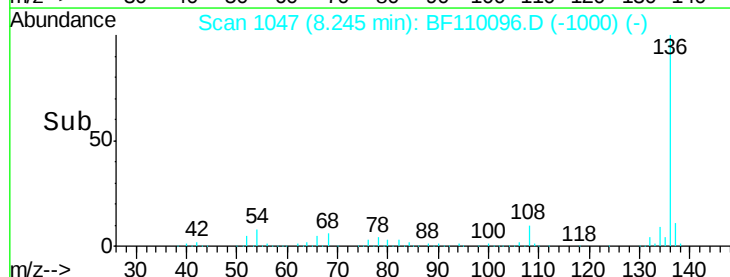
137 10.9 8.8 13.2

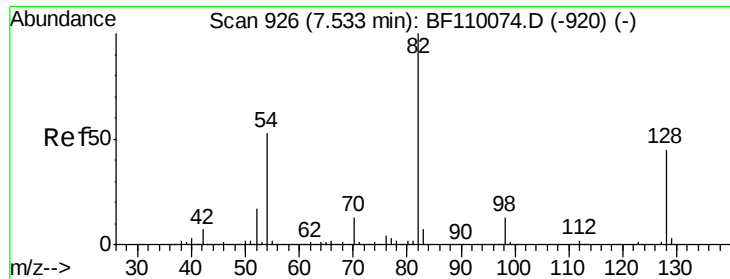
54 8.2 5.4 8.2#

68 5.8 4.2 6.2



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

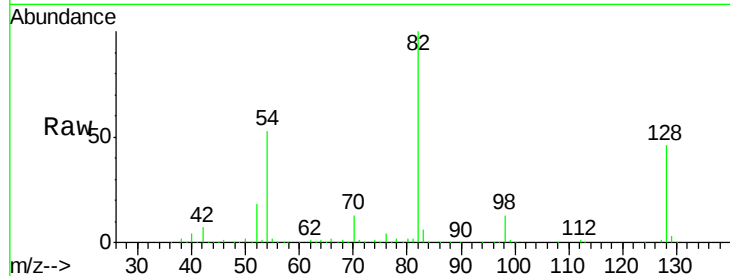




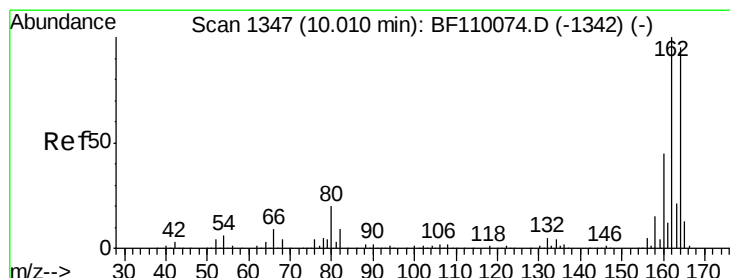
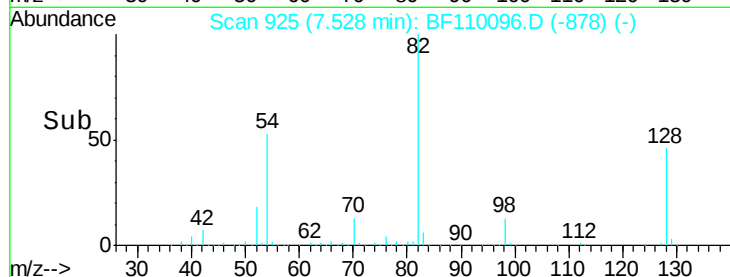
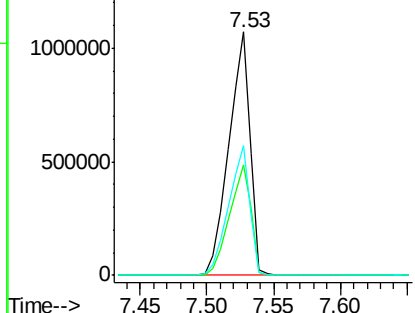
#23
Nitrobenzene-d5
Concen: 87.105 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110096.D
Acq: 23 Oct 2018 23:49

Instrument :
BNA_F
ClientSampleId :
PB113698BL

Tgt Ion: 82 Resp: 1203531
Ion Ratio Lower Upper
82 100
128 45.6 34.2 51.2
54 53.3 38.6 58.0

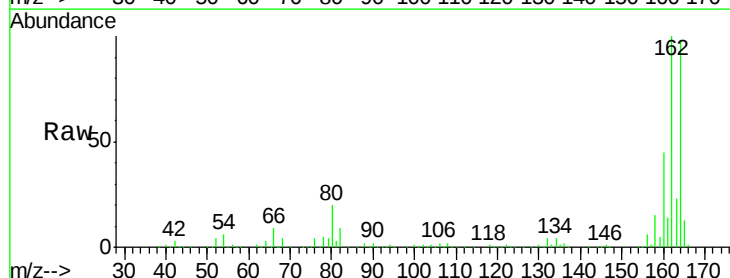


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

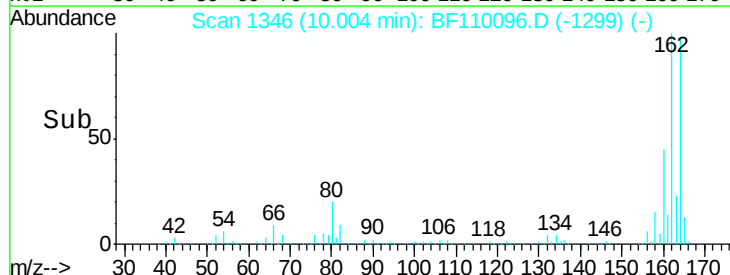
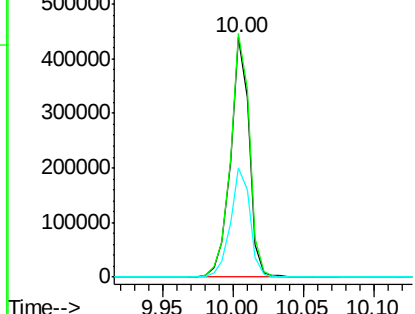


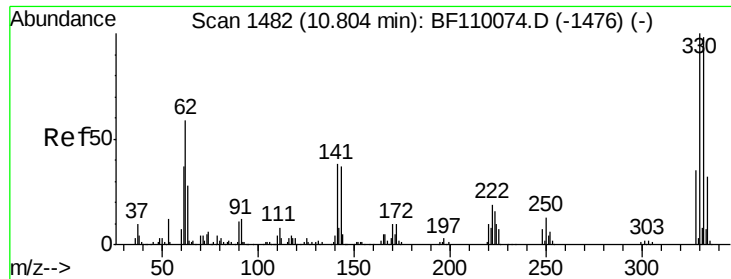
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110096.D
Acq: 23 Oct 2018 23:49

Tgt Ion: 164 Resp: 401977
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.6
160 45.8 37.0 55.6



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

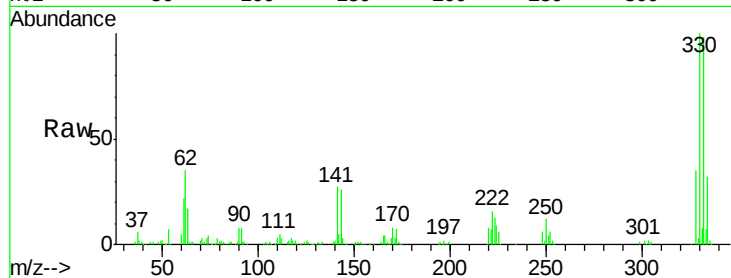




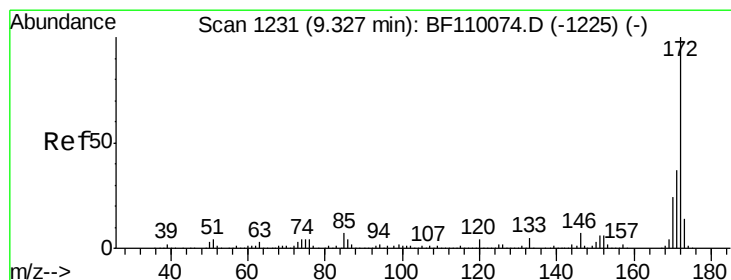
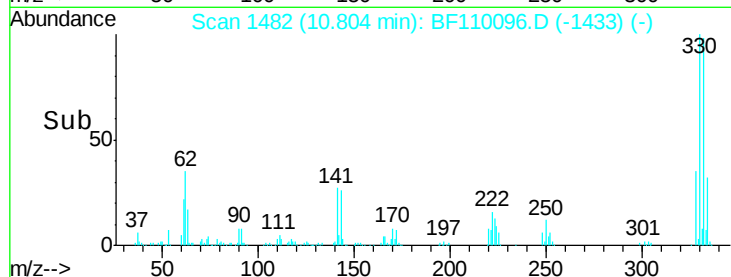
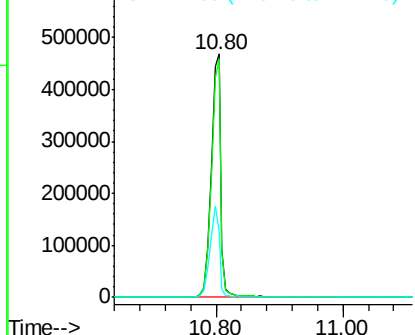
#42
 2,4,6-Tribromophenol
 Concen: 127.706 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB113698BL

Tgt Ion:330 Resp: 508506
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 36.5 27.0 40.4

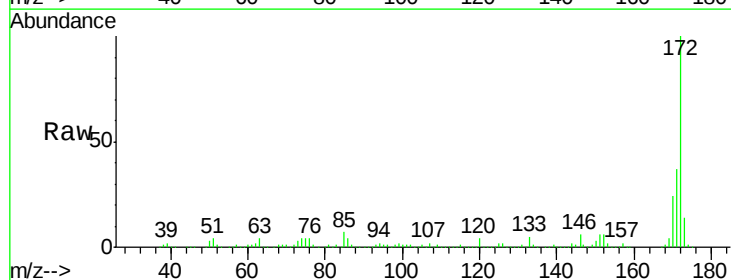


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

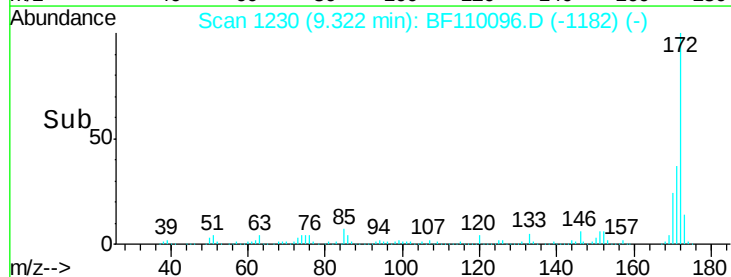
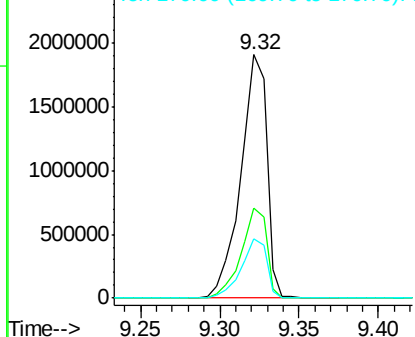


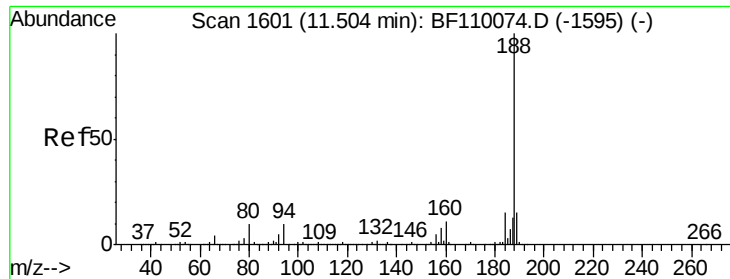
#45
 2-Fluorobiphenyl
 Concen: 85.096 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Tgt Ion:172 Resp: 2178403
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 24.2 19.7 29.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

Instrument :

BNA_F

ClientSampleId :

PB113698BL

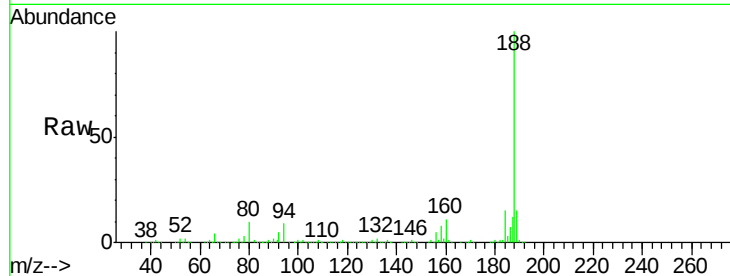
Tgt Ion:188 Resp: 802650

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

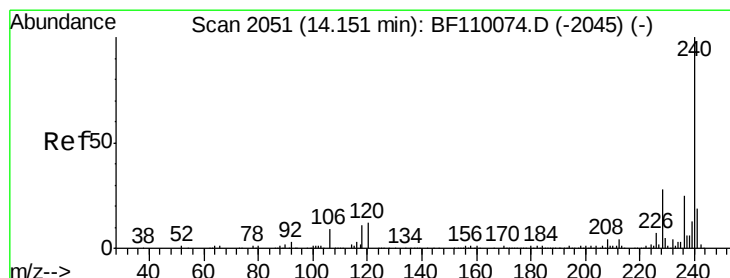
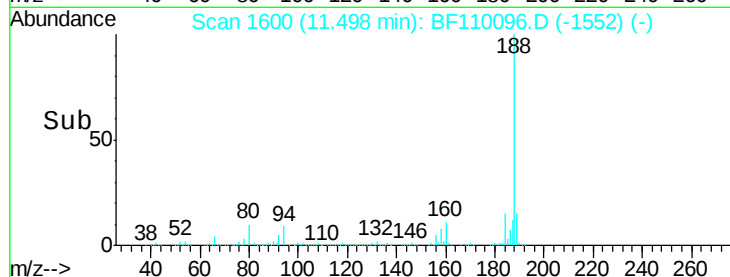
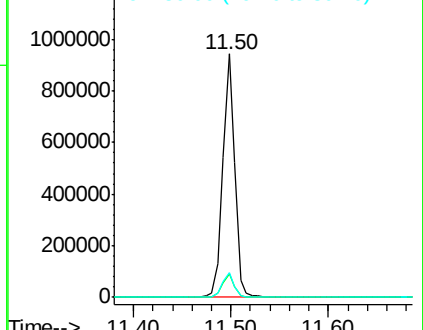
80 10.4 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110096.D

Acq: 23 Oct 2018 23:49

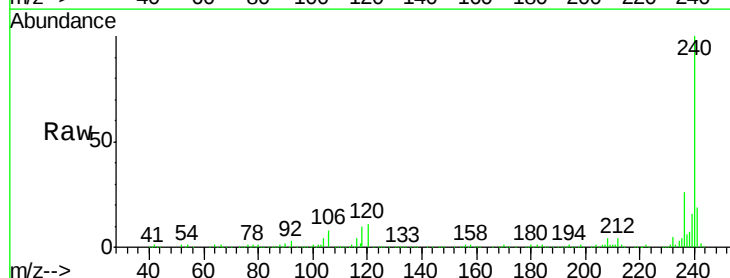
Tgt Ion:240 Resp: 681832

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

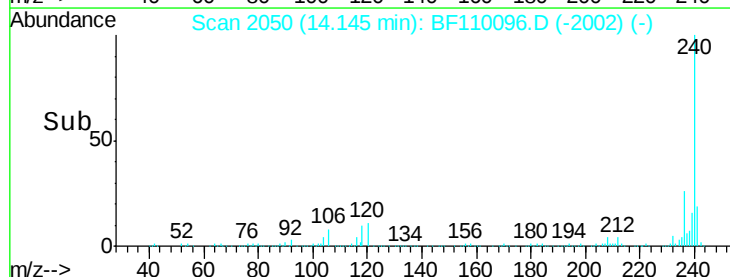
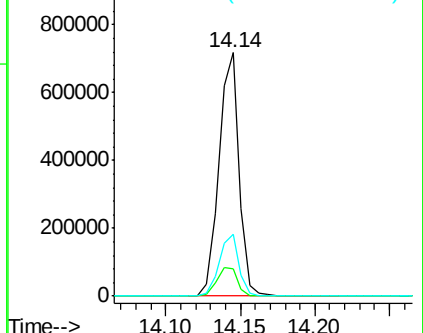
236 25.6 21.2 31.8

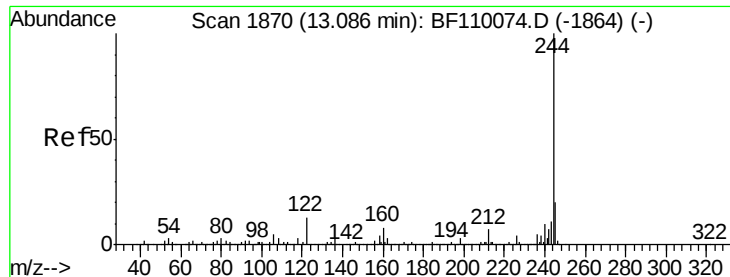


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

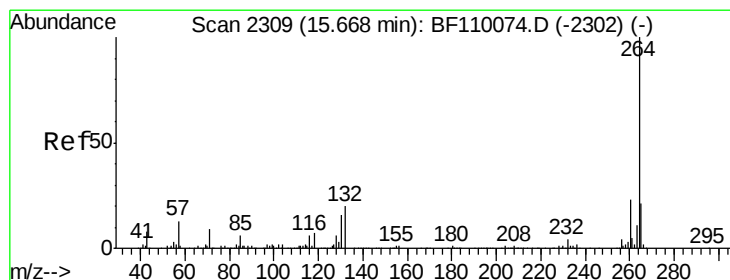
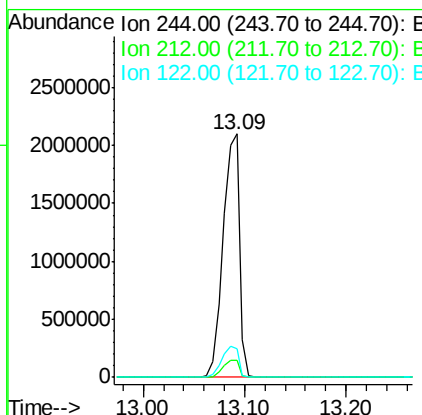
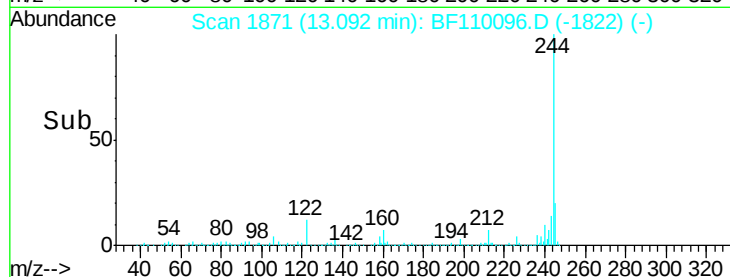
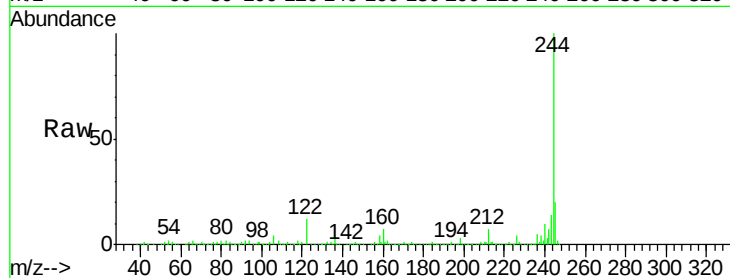




#79
 Terphenyl-d14
 Concen: 71.737 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Instrument :
 BNA_F
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 PB113698BL

Tgt Ion:244 Resp: 2351902
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.8 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110096.D
 Acq: 23 Oct 2018 23:49

Tgt Ion:264 Resp: 587876
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 22.1 16.7 25.1

