

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110394.D
 Acq On : 2 Nov 2018 6:23
 Operator : JU/SJ
 Sample : J5741-50
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Nov 02 08:58:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	83191	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	324886	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	139394	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	224328	20.00	ng	0.00
76) Chrysene-d12	14.13	240	174421	20.00	ng	0.00
87) Perylene-d12	15.66	264	139014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	499088	97.70	ng	0.01
7) Phenol-d6	6.58	99	545229	83.44	ng	0.00
23) Nitrobenzene-d5	7.52	82	430318	78.56	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	145652	105.48	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	783914	88.31	ng	0.00
79) Terphenyl-d14	13.07	244	656465	78.27	ng	0.00

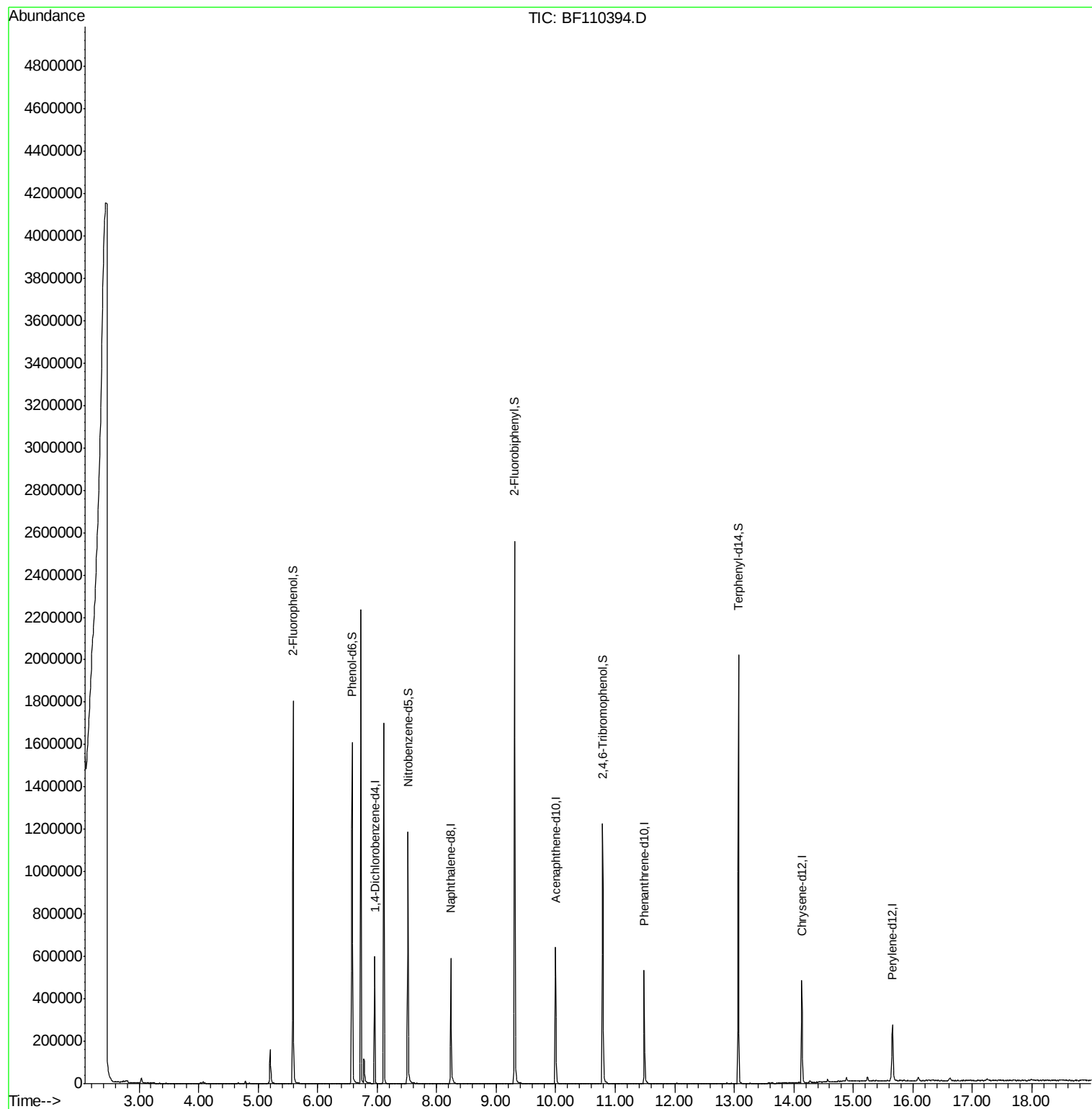
Target Compounds Qvalue

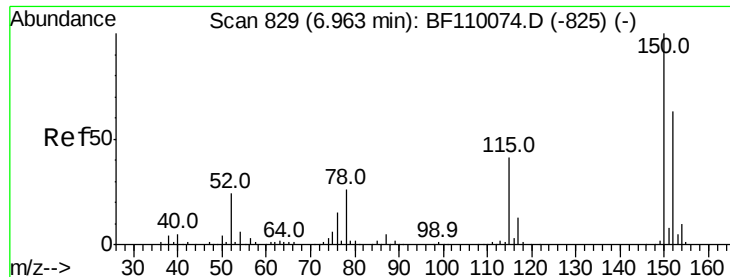
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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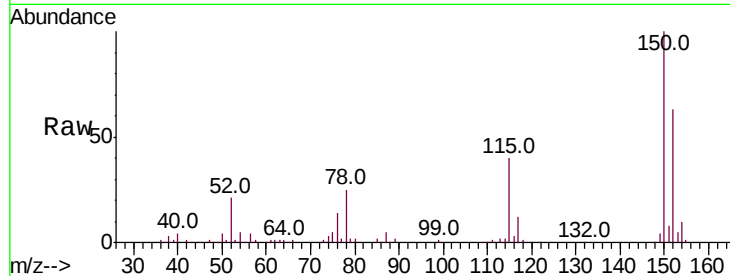


#1

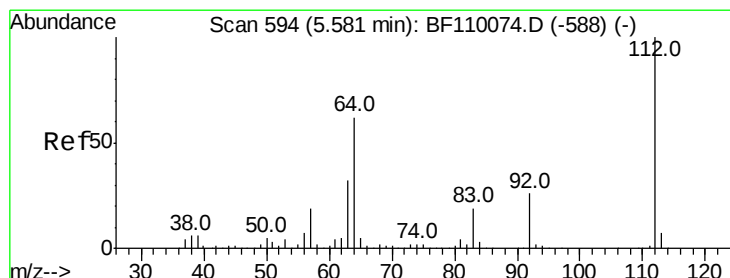
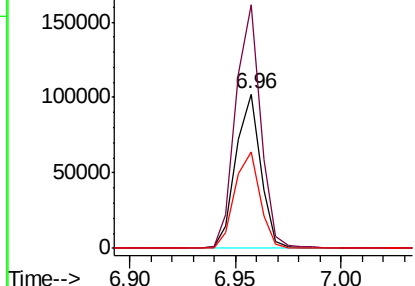
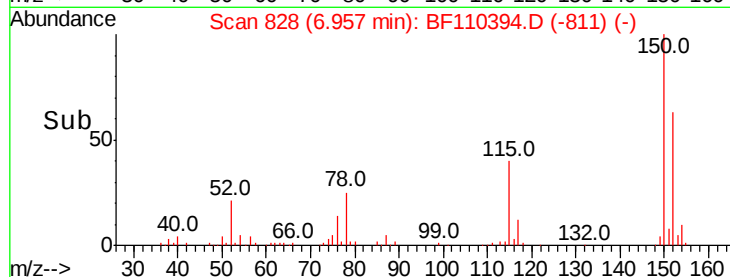
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110394.D
Acq: 2 Nov 2018 6:23

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:152 Resp: 83191
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 62.7 49.1 73.7



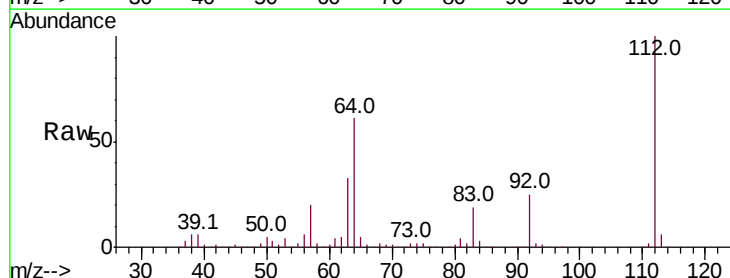
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



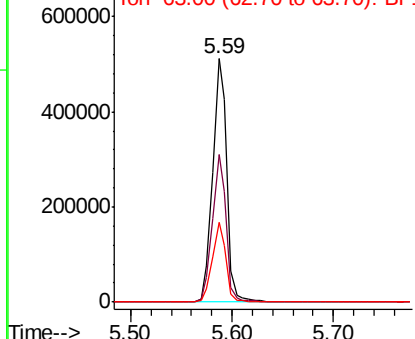
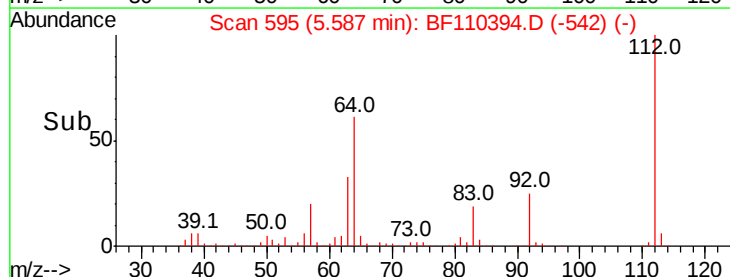
#5

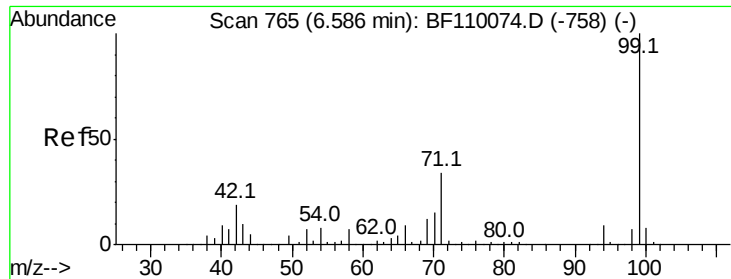
2-Fluorophenol
Concen: 97.696 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110394.D
Acq: 2 Nov 2018 6:23

Tgt Ion:112 Resp: 499088
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 32.7 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: 83.441 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110394.D

Acq: 2 Nov 2018 6:23

Instrument :

BNA_F

ClientSampleId :

TP-12

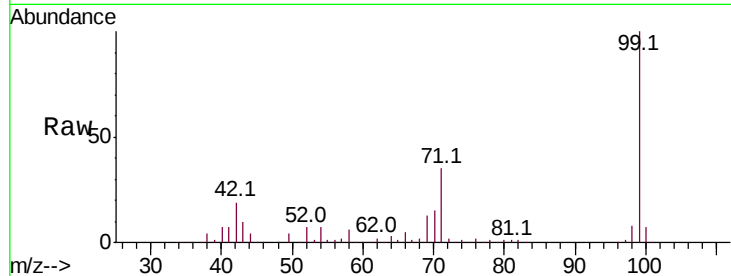
Tot Ion: 99 Resp: 545229

Ion Ratio Lower Upper

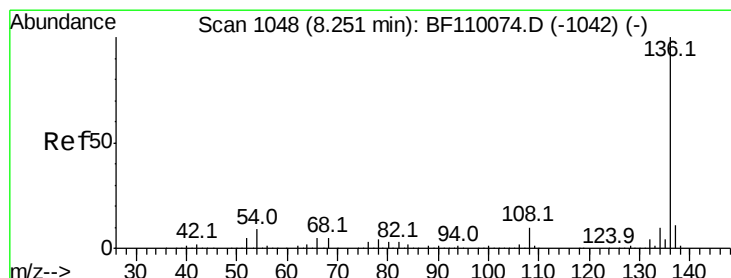
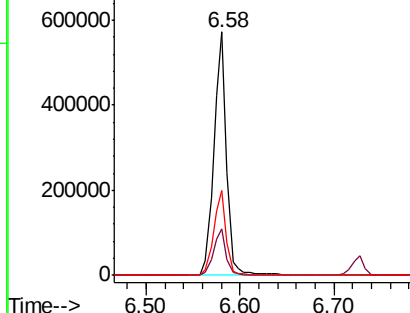
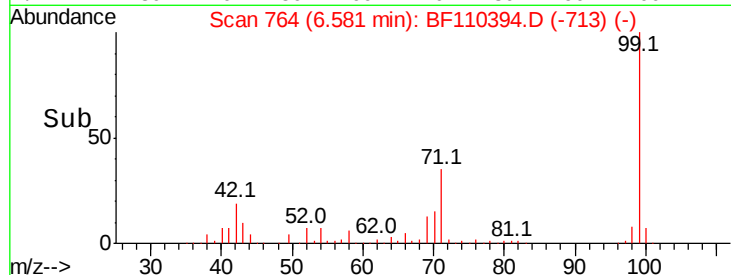
99 100

42 18.9 15.8 23.6

71 34.7 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: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110394.D

Acq: 2 Nov 2018 6:23

Tgt Ion: 136 Resp: 324886

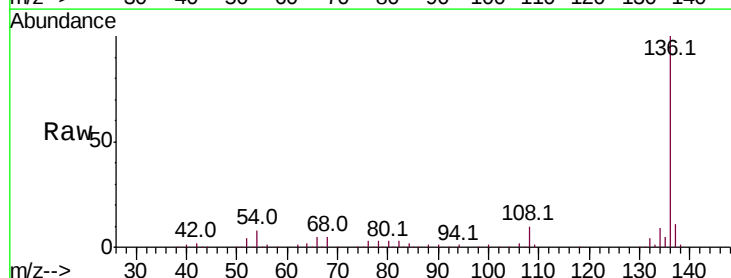
Ion Ratio Lower Upper

136 100

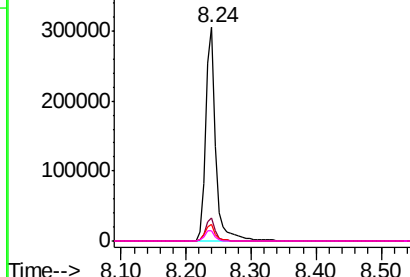
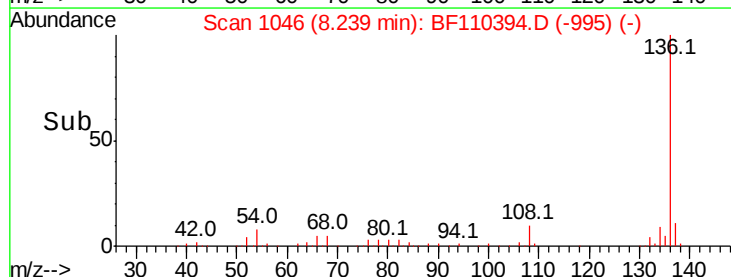
137 10.7 8.8 13.2

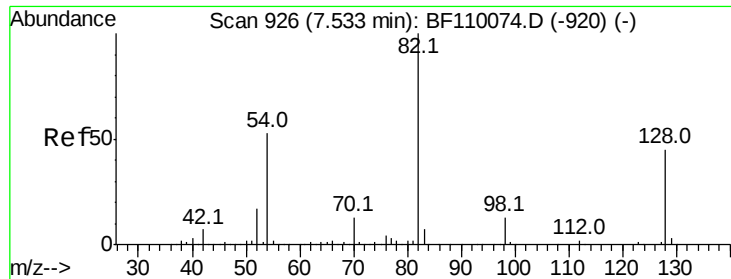
54 7.8 5.4 8.2

68 5.0 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

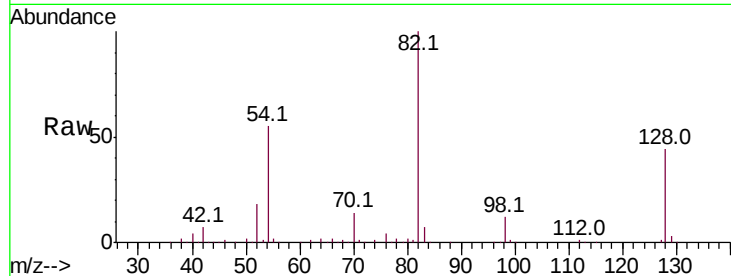




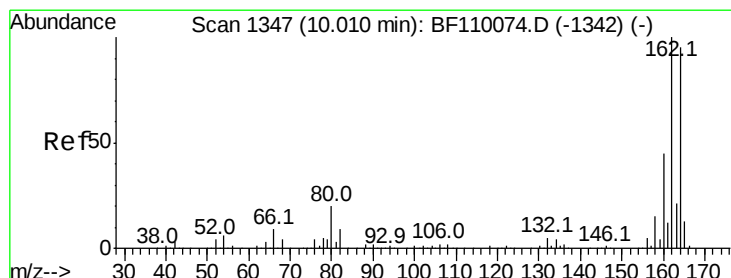
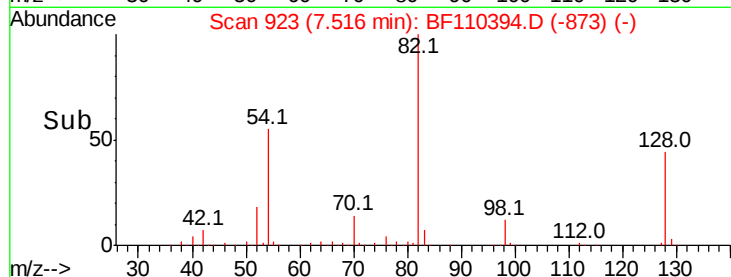
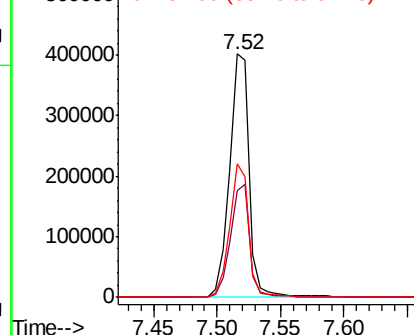
#23
 Nitrobenzene-d5
 Concen: 78.562 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110394.D
 Acq: 2 Nov 2018 6:23

Instrument :
 BNA_F
 ClientSampled :
 TP-12

Tot Ion: 82 Resp: 430318
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.2 51.2
 54 54.9 38.6 58.0

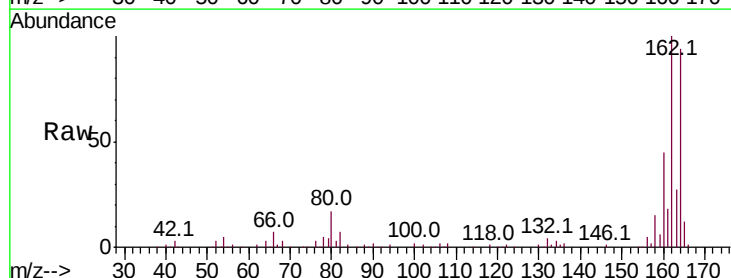


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

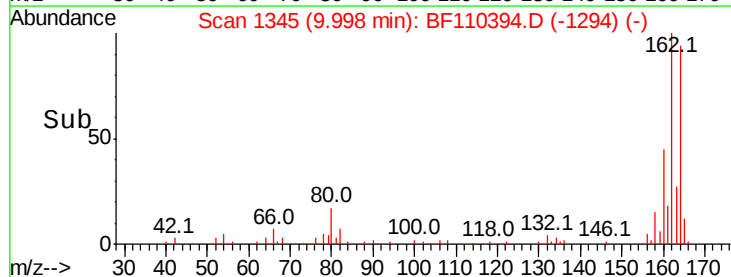
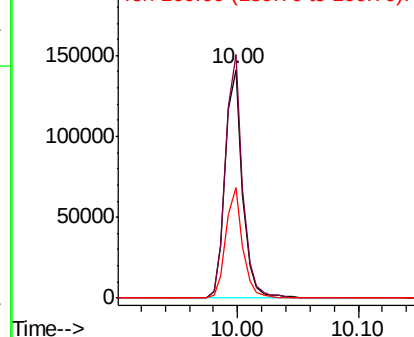


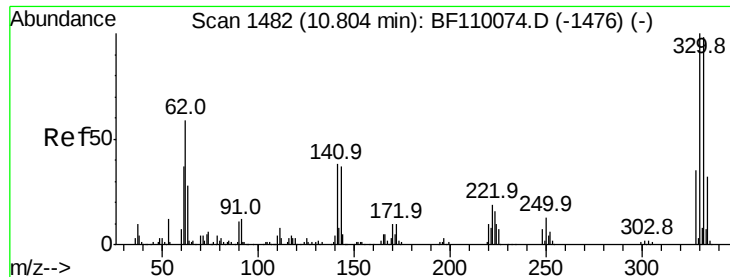
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF110394.D
 Acq: 2 Nov 2018 6:23

Tgt Ion:164 Resp: 139394
 Ion Ratio Lower Upper
 164 100
 162 106.4 83.0 124.6
 160 48.0 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

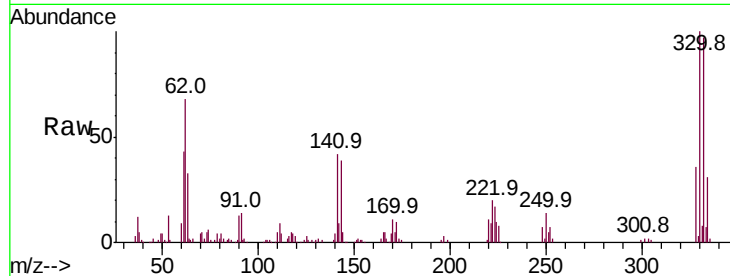




#42
 2,4,6-Tribromophenol
 Concen: 105.485 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110394.D
 Acq: 2 Nov 2018 6:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	37.4	27.0	40.4

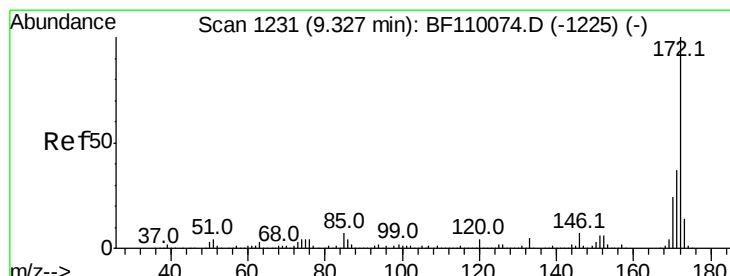
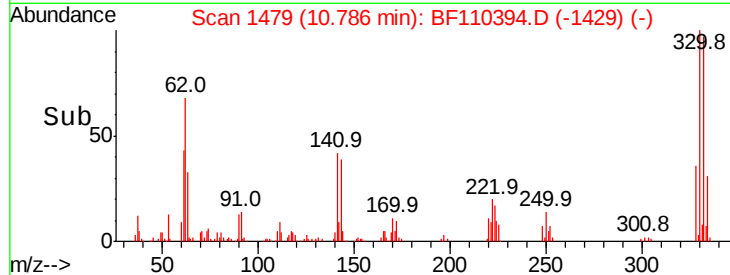
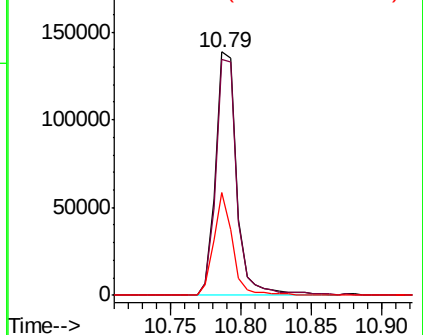


Abundance

Ion 329.80 (329.50 to 330.50): E

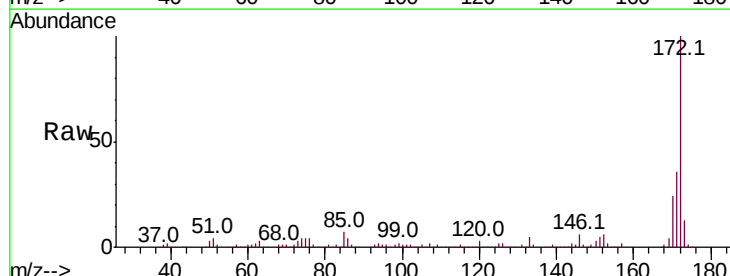
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.307 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110394.D
 Acq: 2 Nov 2018 6:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.7	29.5

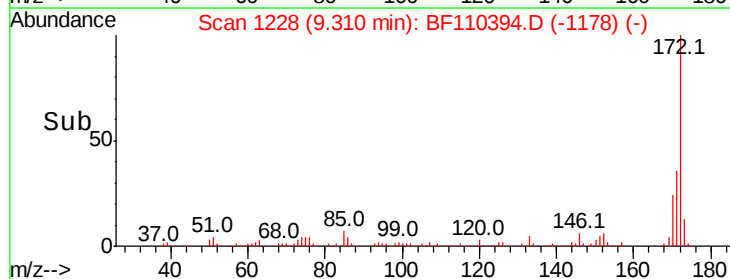
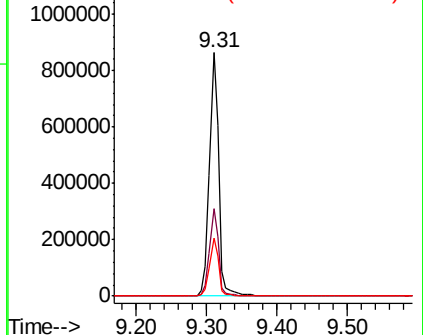


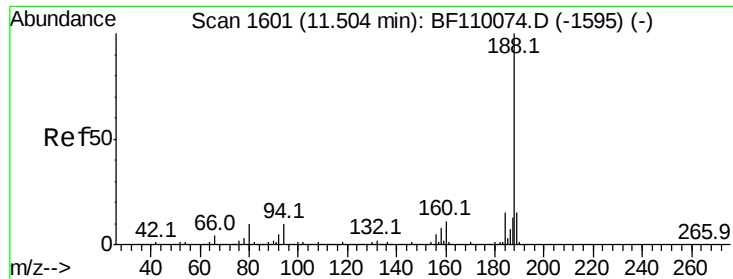
Abundance

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

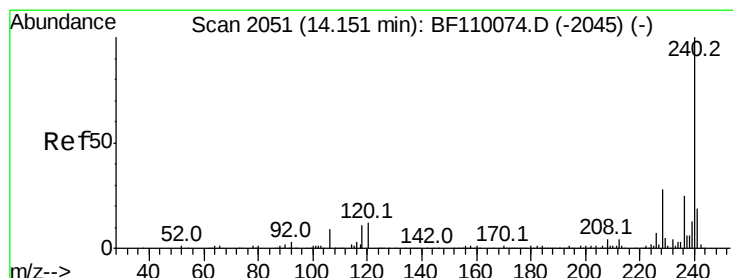
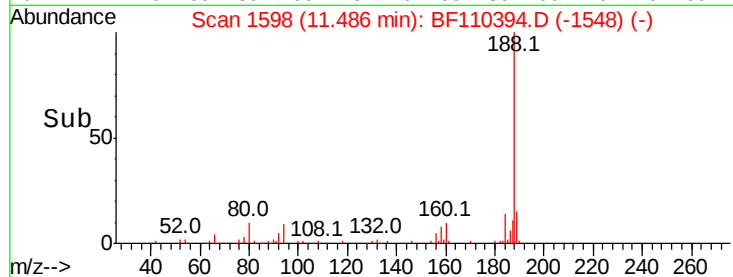
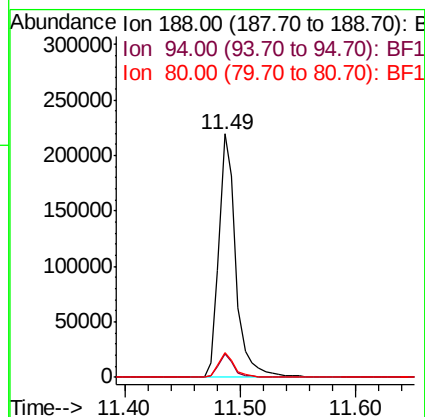
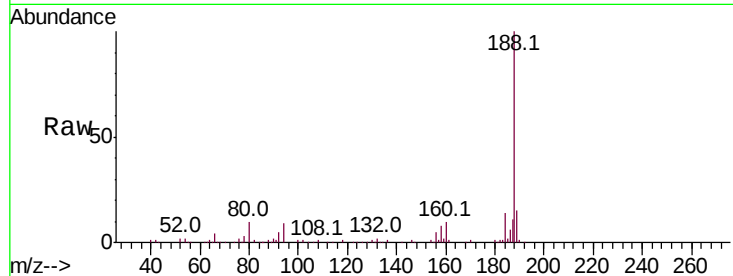




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110394.D
Acq: 2 Nov 2018 6:23

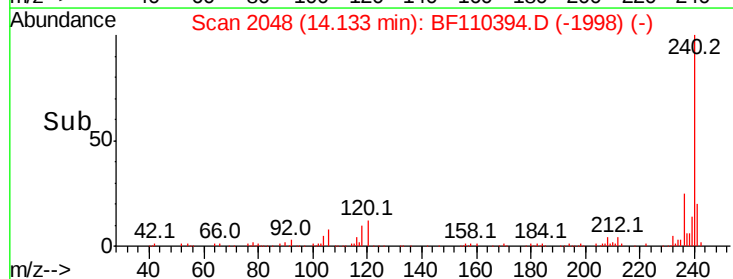
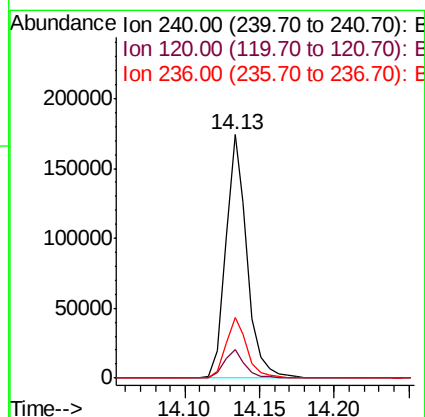
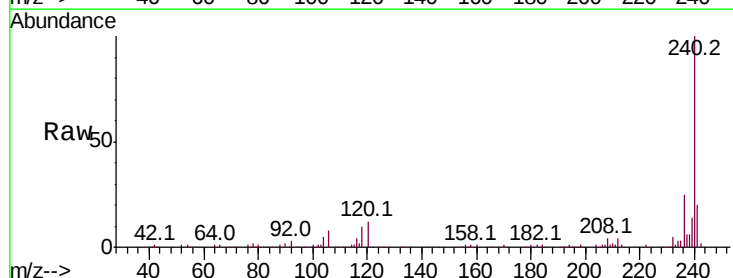
Instrument :
BNA_F
ClientSampled :
TP-12

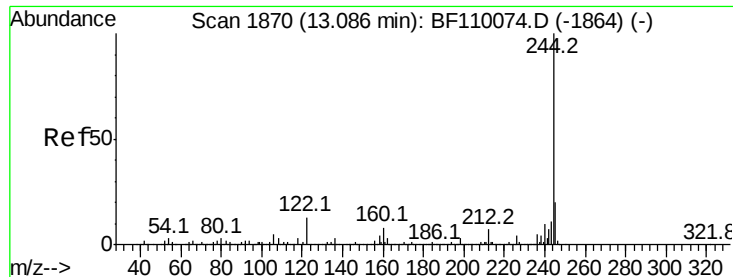
Tot Ion:188 Resp: 224328
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110394.D
Acq: 2 Nov 2018 6:23

Tgt Ion:240 Resp: 174421
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 24.7 21.2 31.8





#79

Terphenyl-d14

Concen: 78.274 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110394.D

Acq: 2 Nov 2018 6:23

Instrument :

BNA_F

ClientSampleID :

TP-12

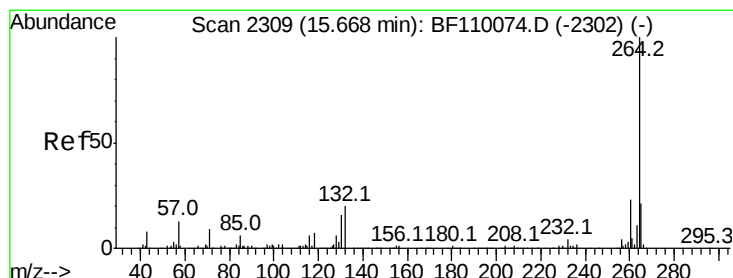
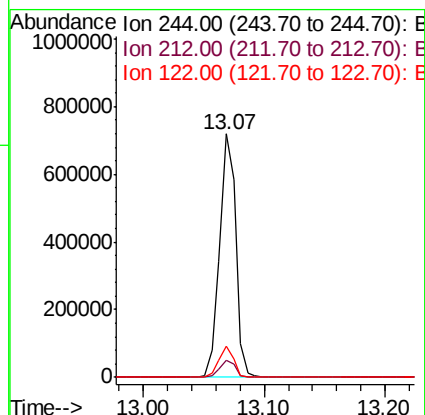
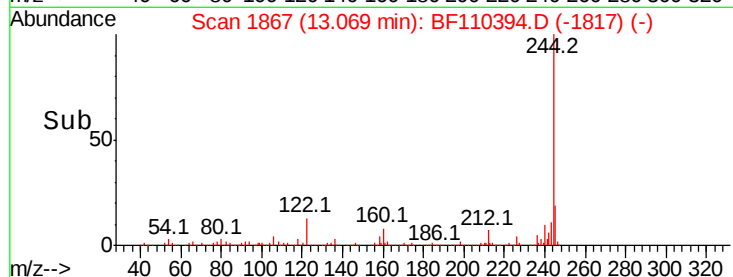
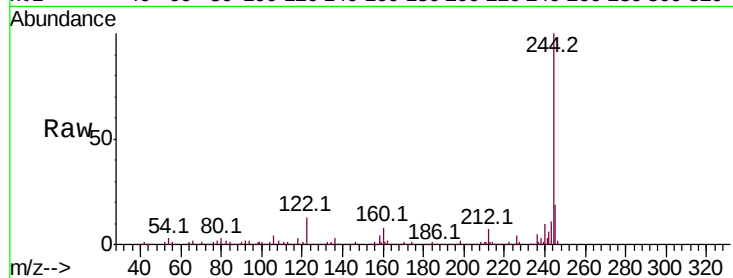
Tot Ion:244 Resp: 656465

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 13.0 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110394.D

Acq: 2 Nov 2018 6:23

Tgt Ion:264 Resp: 139014

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 19.7 16.7 25.1

