

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110069.D
 Acq On : 23 Oct 2018 1:17
 Operator : JU/SJ
 Sample : PB114045BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114045BL

Quant Time: Oct 23 05:03:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	175013	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	688238	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	304959	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	490537	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	313460	20.00	ng	-0.02
87) Perylene-d12	15.67	264	249077	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	942973	85.41	ng	0.00
7) Phenol-d6	6.59	99	1171331	85.44	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1052671	103.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	211441	80.08	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1839796	96.26	ng	-0.01
79) Terphenyl-d14	13.09	244	1449658	97.12	ng	-0.02

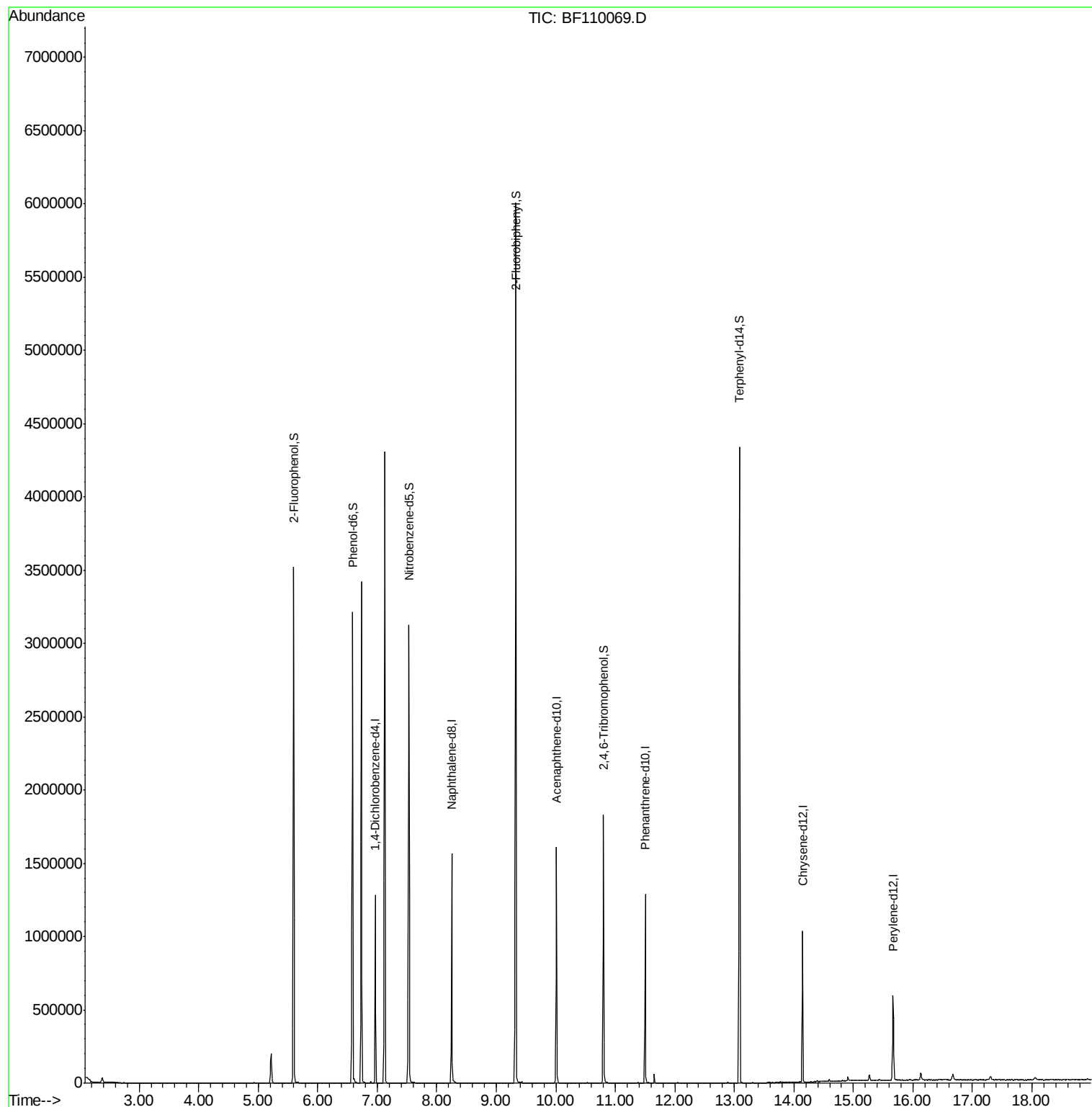
Target Compounds Qvalue

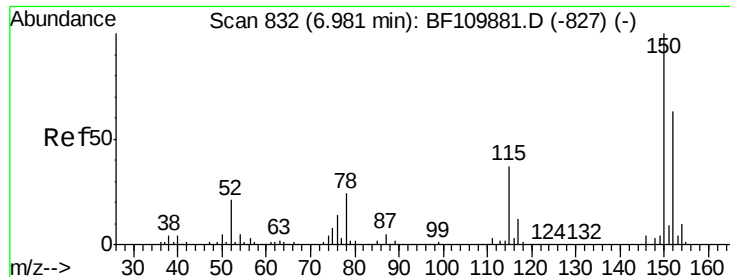
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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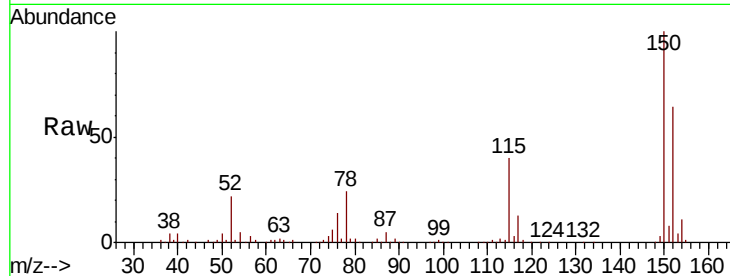


#1

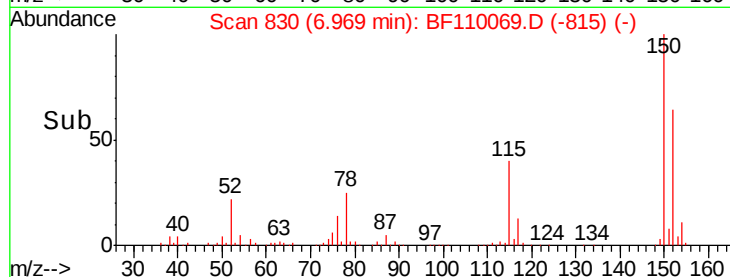
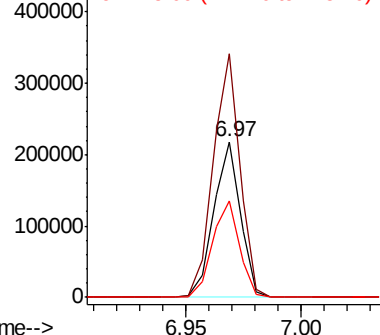
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampleId :
PB114045BL

Tot Ion:152 Resp: 175013
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 62.2 49.1 73.7



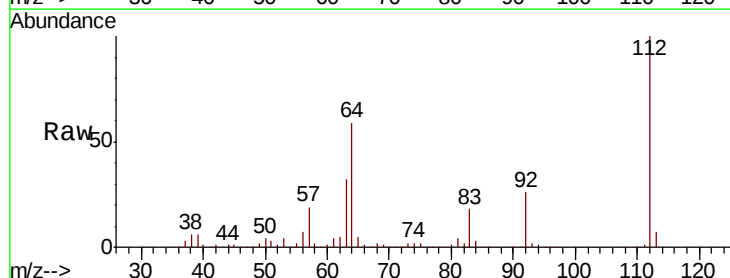
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



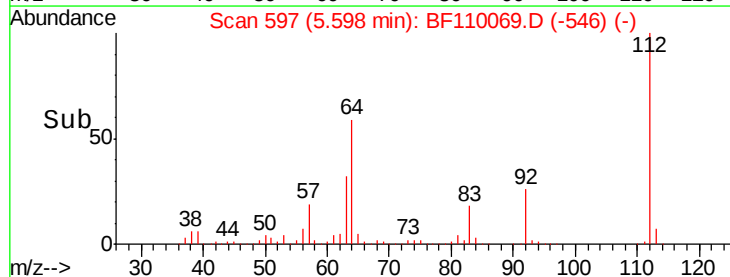
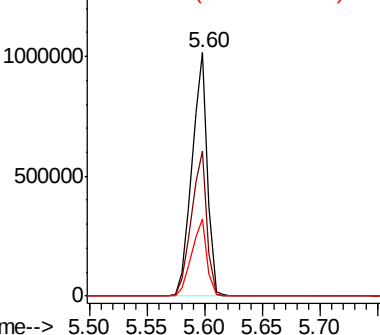
#5

2-Fluorophenol
Concen: 85.407 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:112 Resp: 942973
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 31.8 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: 85.437 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110069.D

Acq: 23 Oct 2018 1:17

Instrument :

BNA_F

ClientSampleId :

PB114045BL

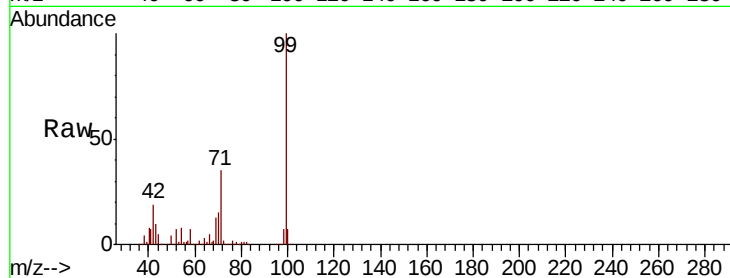
Tot Ion: 99 Resp: 1171331

Ion Ratio Lower Upper

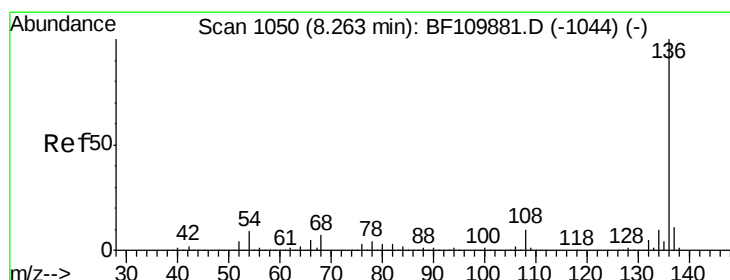
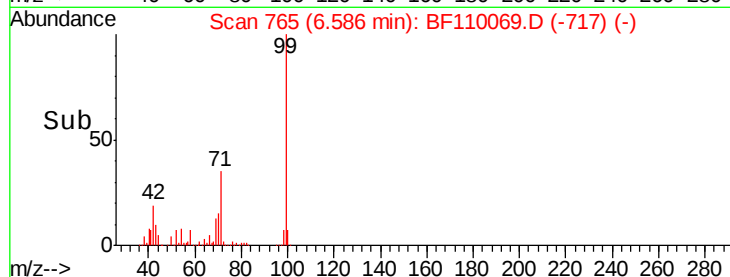
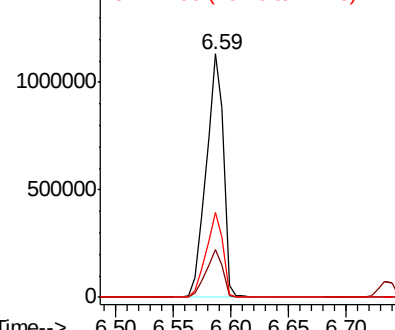
99 100

42 19.5 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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110069.D

Acq: 23 Oct 2018 1:17

Tgt Ion: 136 Resp: 688238

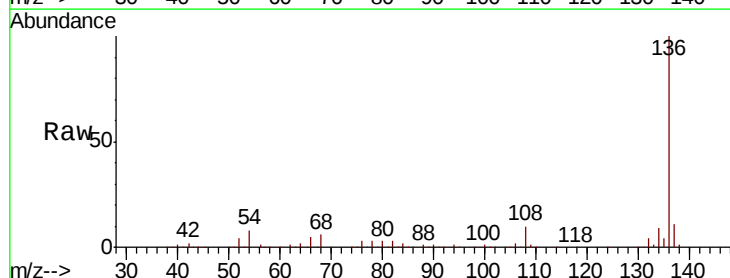
Ion Ratio Lower Upper

136 100

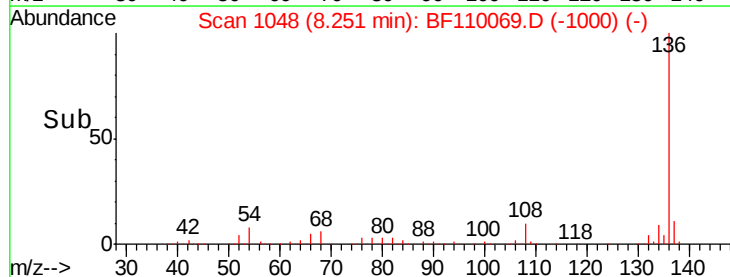
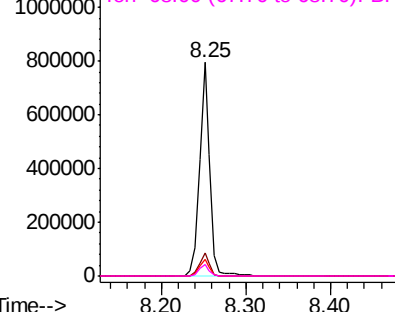
137 10.9 8.8 13.2

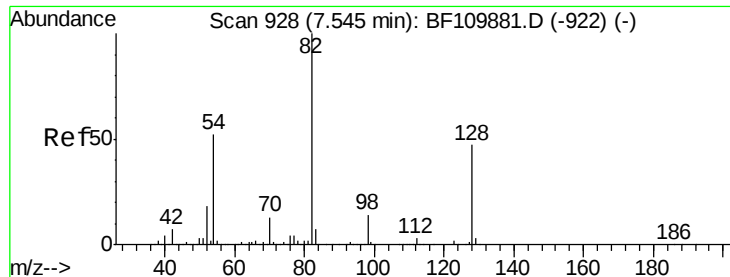
54 8.0 5.4 8.2

68 5.7 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

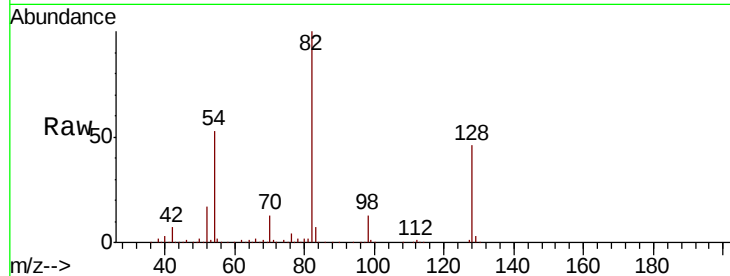




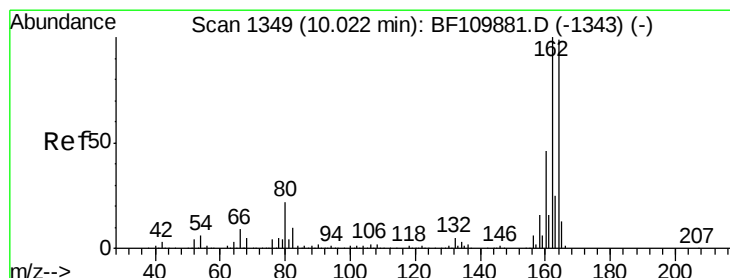
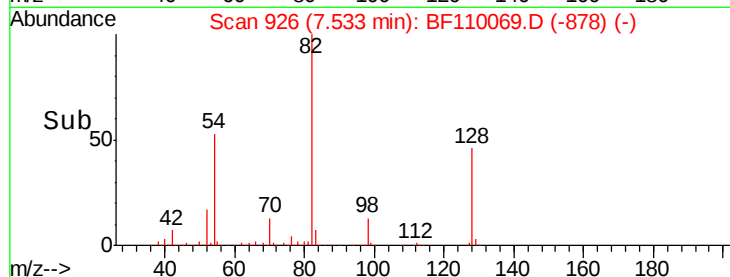
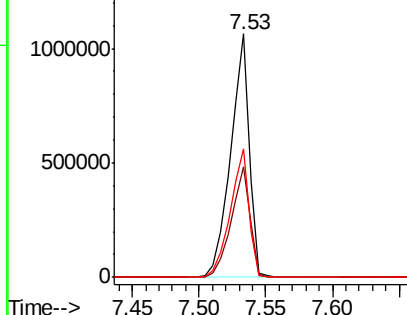
#23
Nitrobenzene-d5
Concen: 103.034 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Instrument :
BNA_F
ClientSampled :
PB114045BL

Tot Ion: 82 Resp: 1052671
Ion Ratio Lower Upper
82 100
128 45.6 34.2 51.2
54 52.8 38.6 58.0

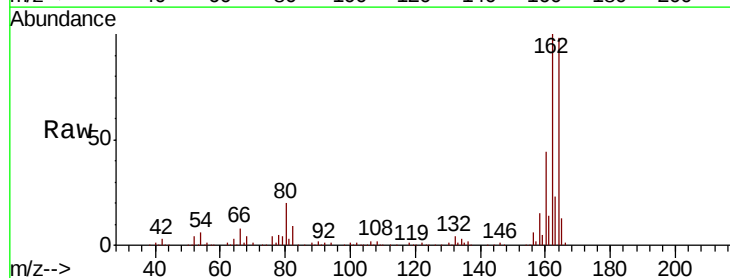


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

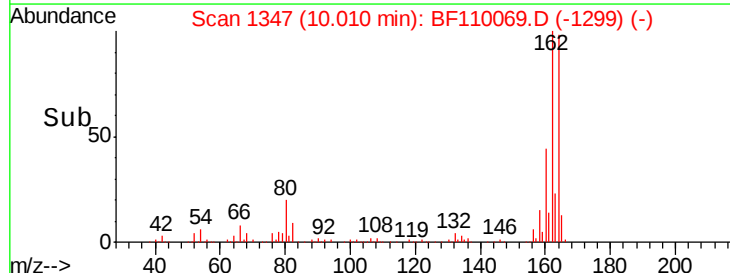
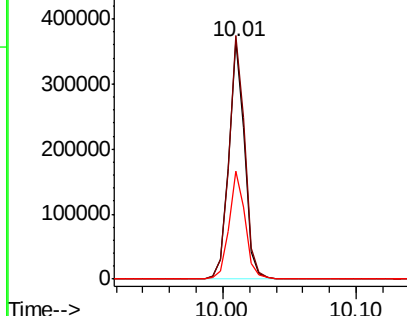


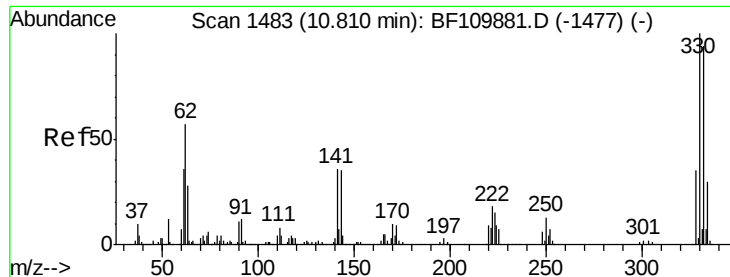
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:164 Resp: 304959
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.6
160 45.3 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

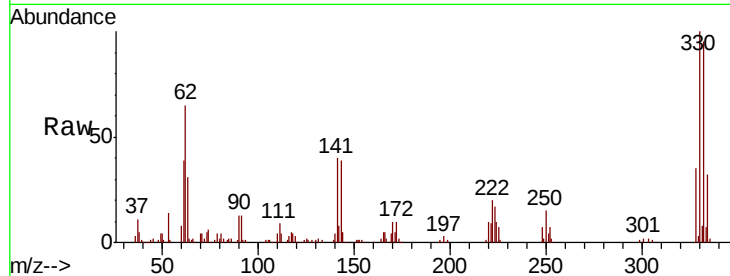




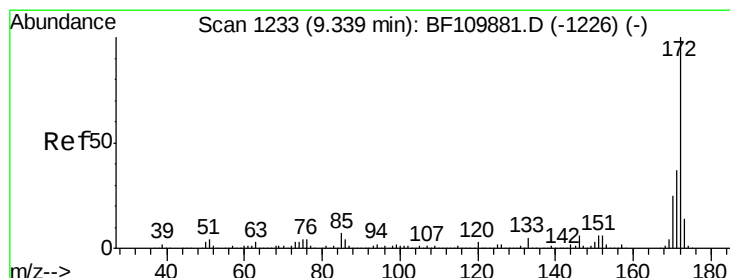
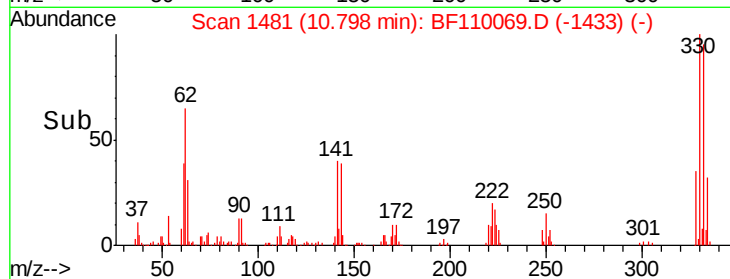
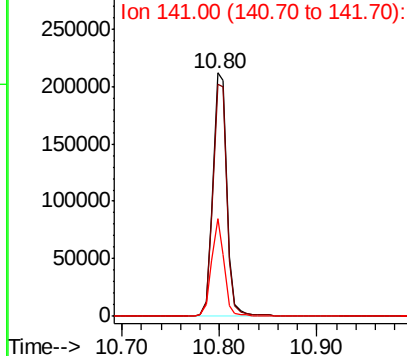
#42
 2,4,6-Tribromophenol
 Concen: 80.084 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110069.D
 Acq: 23 Oct 2018 1:17

Instrument :
 BNA_F
 ClientSampled :
 PB114045BL

Tot Ion:330 Resp: 211441
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 35.6 27.0 40.4

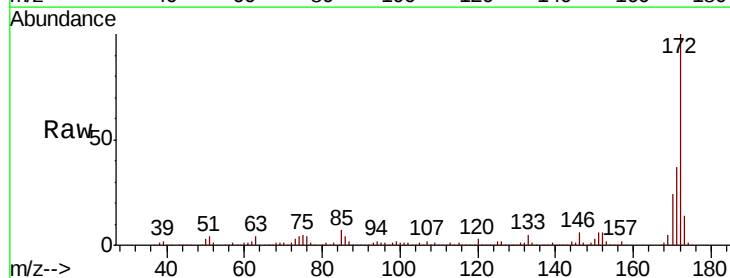


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

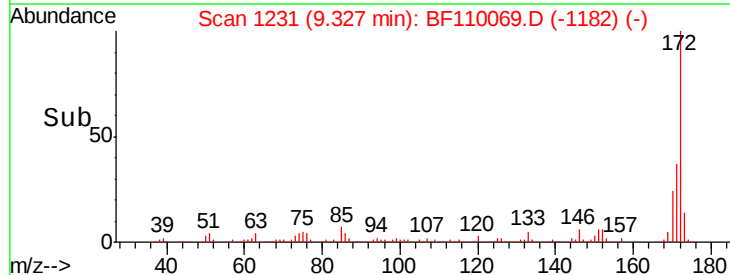
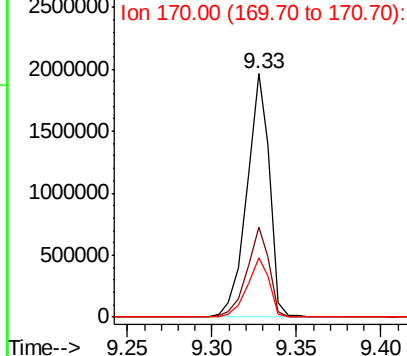


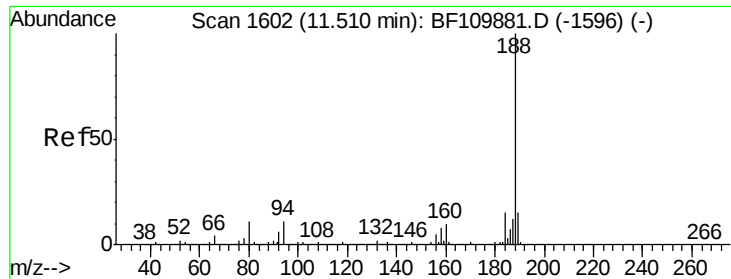
#45
 2-Fluorobiphenyl
 Concen: 96.265 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110069.D
 Acq: 23 Oct 2018 1:17

Tgt Ion:172 Resp: 1839796
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.6 43.0
 170 24.3 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

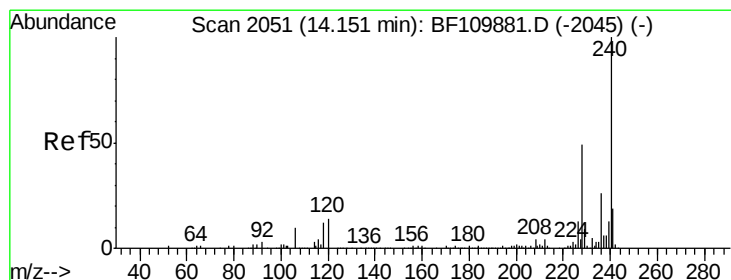
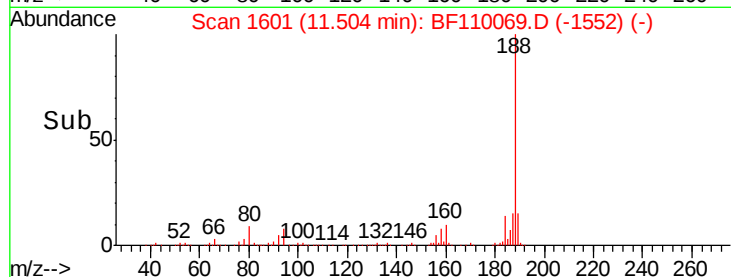
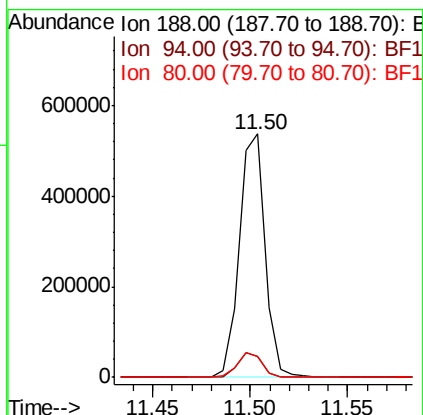
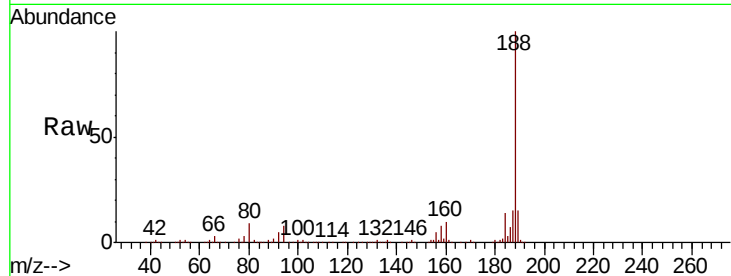




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

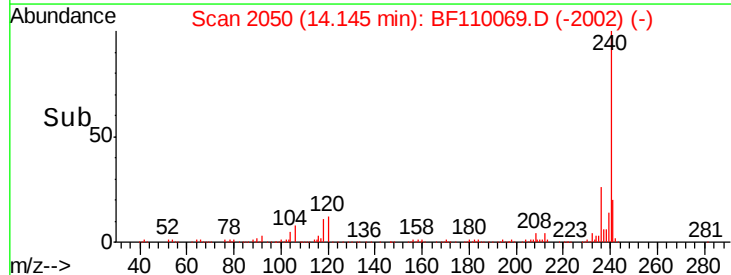
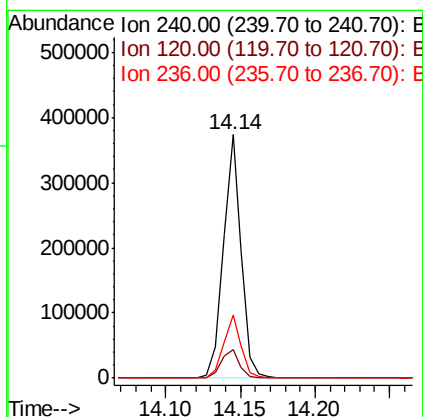
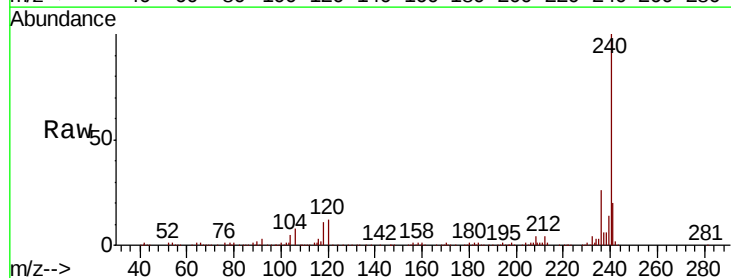
Instrument :
BNA_F
ClientSampleId :
PB114045BL

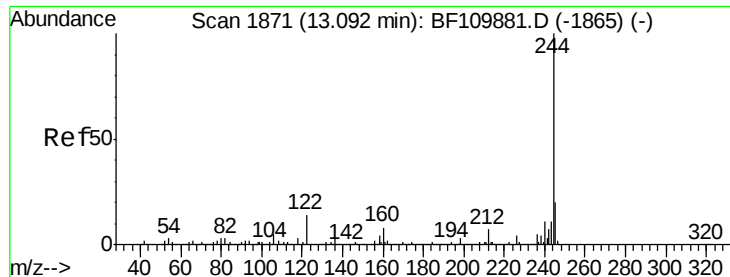
Tot Ion:188 Resp: 490537
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110069.D
Acq: 23 Oct 2018 1:17

Tgt Ion:240 Resp: 313460
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 26.0 21.2 31.8





#79

Terphenyl-d14

Concen: 97.115 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110069.D

Acq: 23 Oct 2018 1:17

Instrument :

BNA_F

ClientSampleId :

PB114045BL

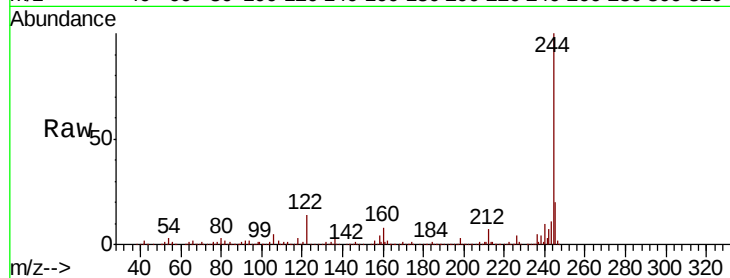
Tot Ion:244 Resp: 1449658

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 13.6 8.7 13.1#



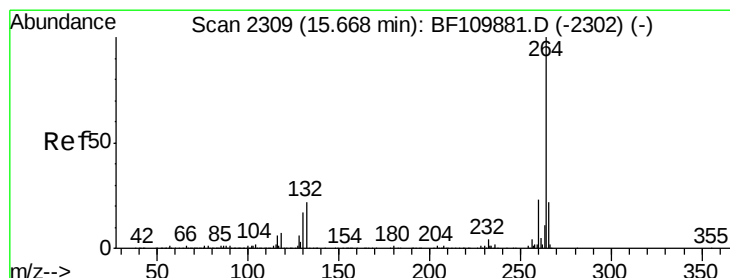
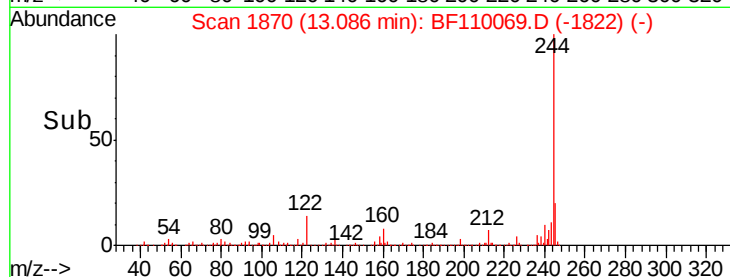
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.09

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110069.D

Acq: 23 Oct 2018 1:17

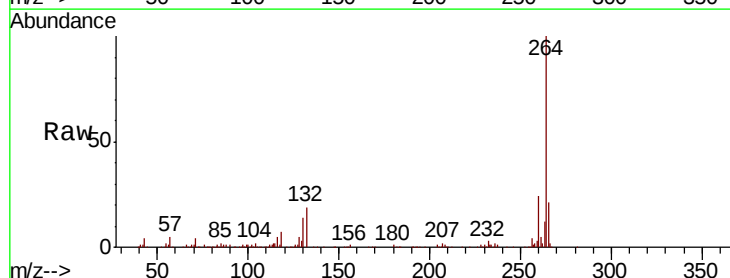
Tgt Ion:264 Resp: 249077

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.5 16.7 25.1



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

15.67

Time-->

