

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110392.D
 Acq On : 2 Nov 2018 5:29
 Operator : JU/SJ
 Sample : J5741-42
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Nov 02 08:55:58 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	63510	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	224192	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	84086	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	153599	20.00	ng	0.00
76) Chrysene-d12	14.13	240	167936	20.00	ng	0.00
87) Perylene-d12	15.66	264	118291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	398233	102.11	ng	0.01
7) Phenol-d6	6.58	99	422496	84.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	320682	84.84	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	97011	116.47	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	527709	98.55	ng	0.00
79) Terphenyl-d14	13.07	244	574232	71.11	ng	0.00

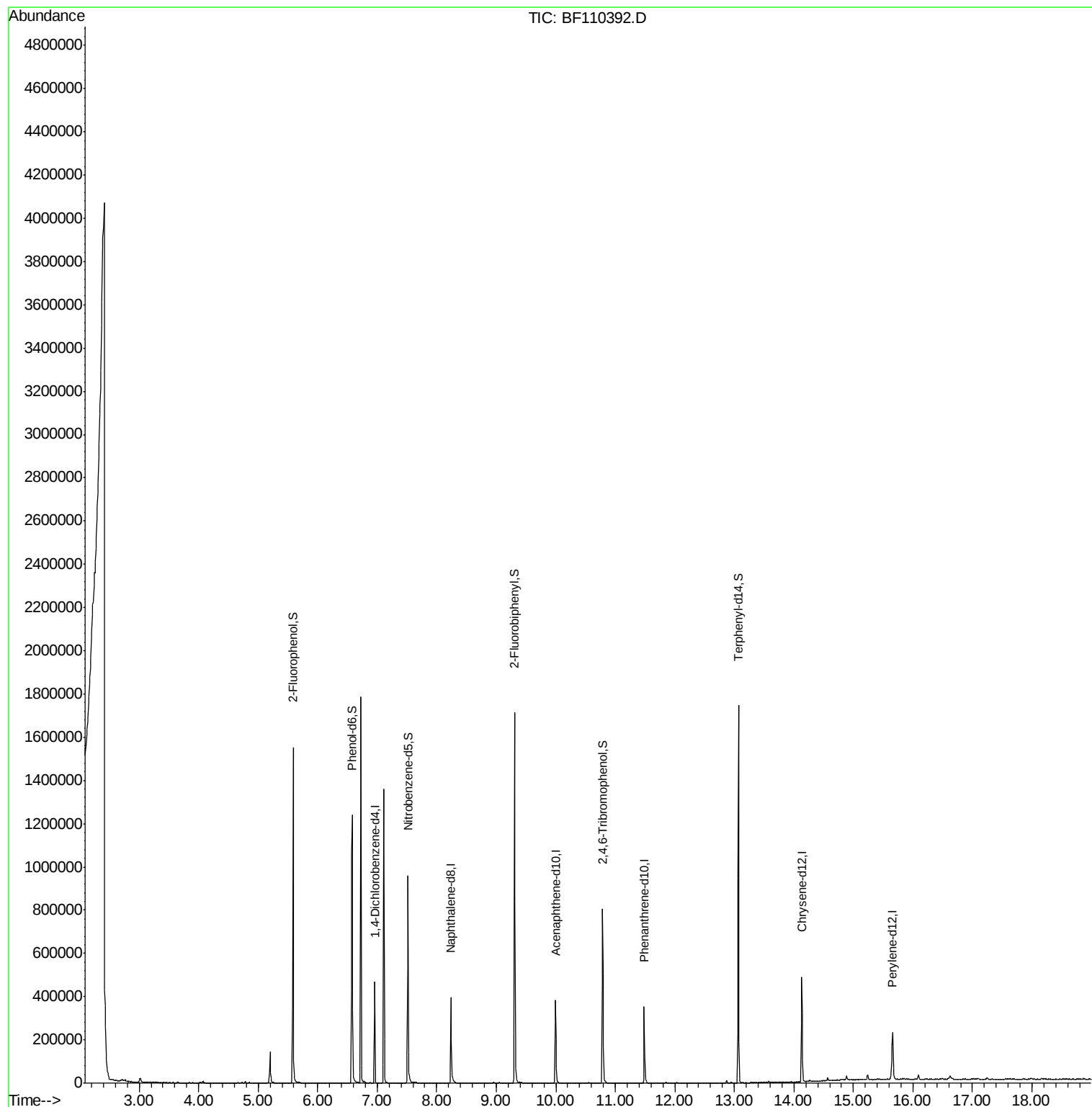
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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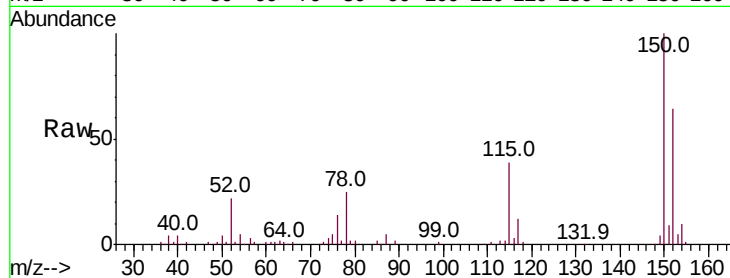


#1

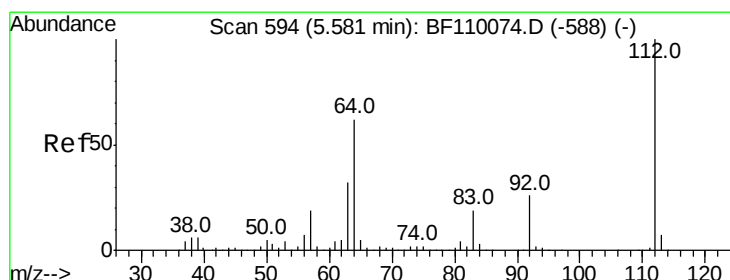
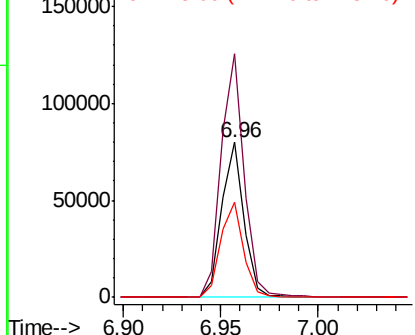
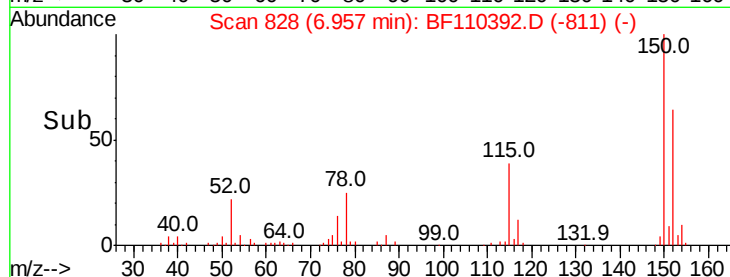
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

Instrument :
BNA_F
ClientSampled :
TP-10

Tot Ion:152 Resp: 63510
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 61.1 49.1 73.7



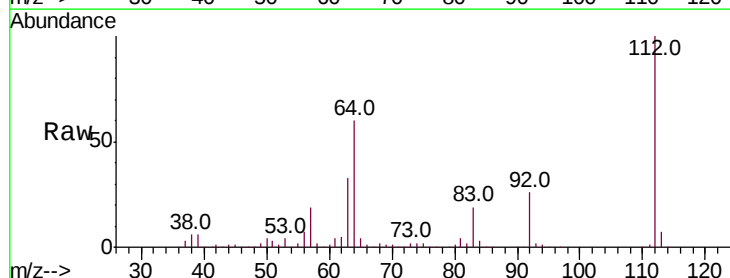
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



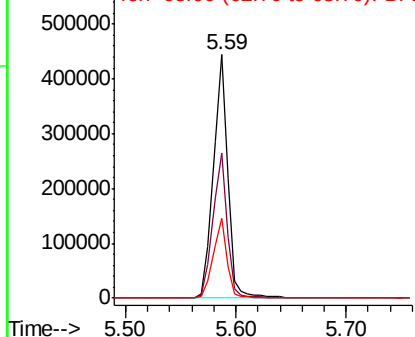
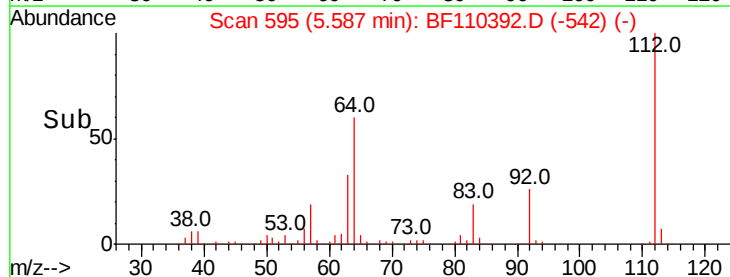
#5

2-Fluorophenol
Concen: 102.110 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110392.D
Acq: 2 Nov 2018 5:29

Tgt Ion:112 Resp: 398233
Ion Ratio Lower Upper
112 100
64 59.8 44.1 66.1
63 32.6 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: 84.695 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

Instrument :

BNA_F

ClientSampleId :

TP-10

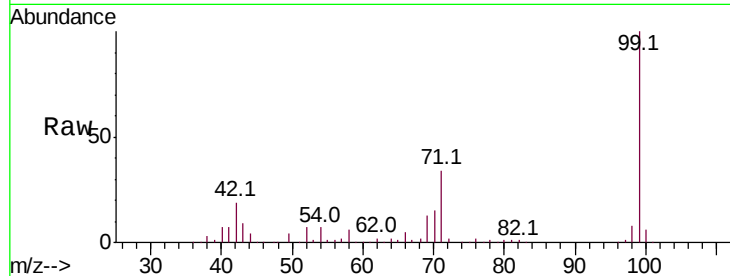
Tot Ion: 99 Resp: 422496

Ion Ratio Lower Upper

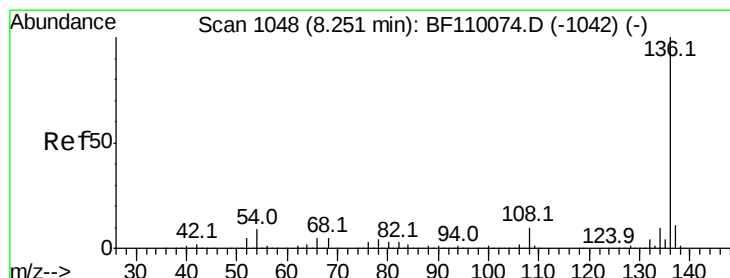
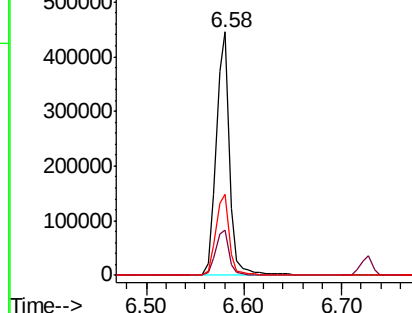
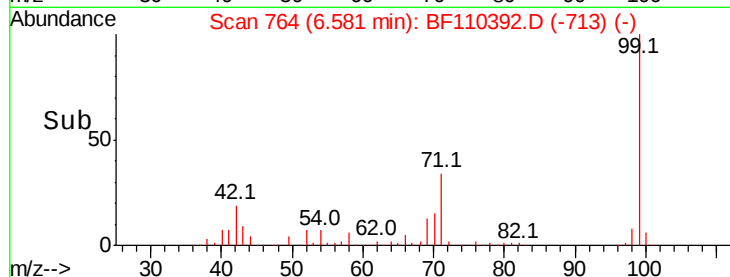
99 100

42 18.6 15.8 23.6

71 33.6 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: BF110392.D

Acq: 2 Nov 2018 5:29

Tgt Ion: 136 Resp: 224192

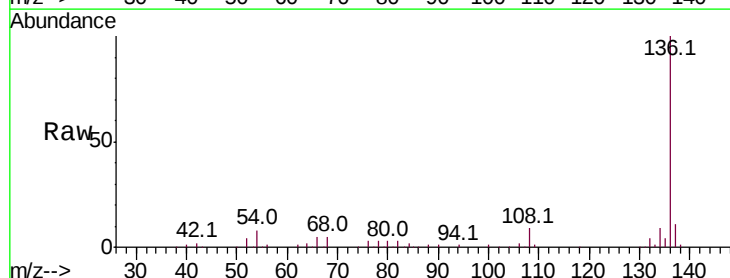
Ion Ratio Lower Upper

136 100

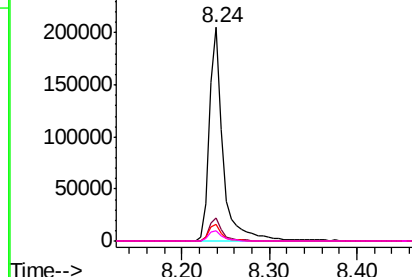
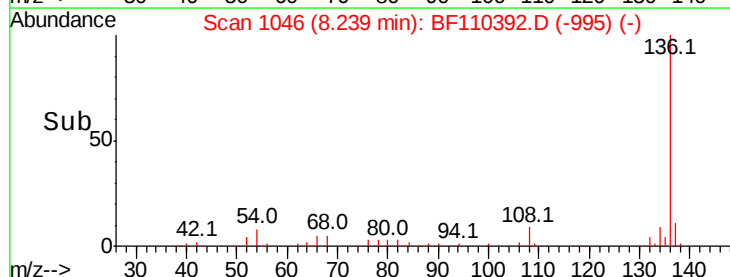
137 10.5 8.8 13.2

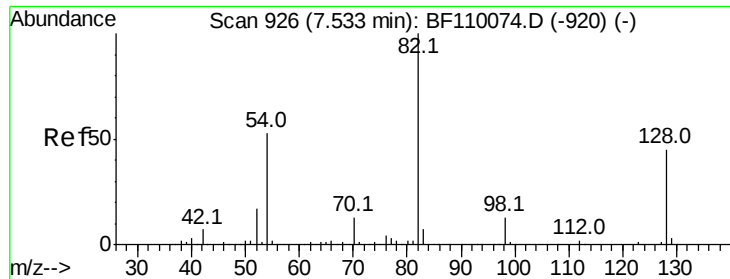
54 7.5 5.4 8.2

68 4.7 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

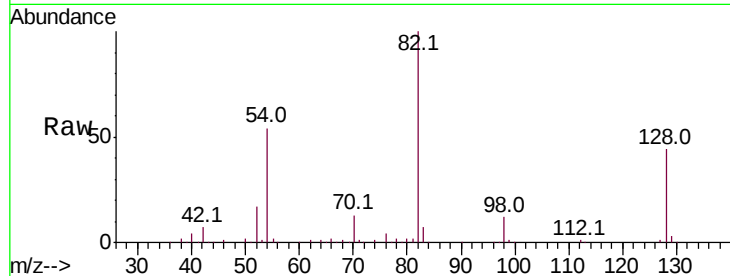




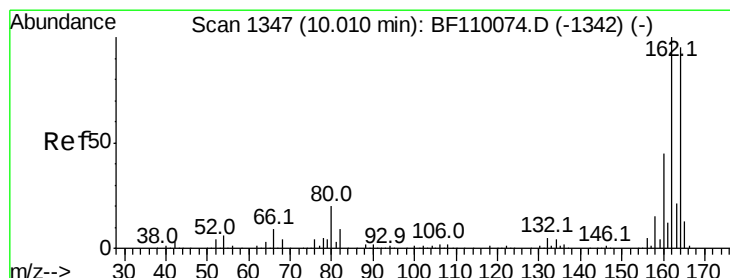
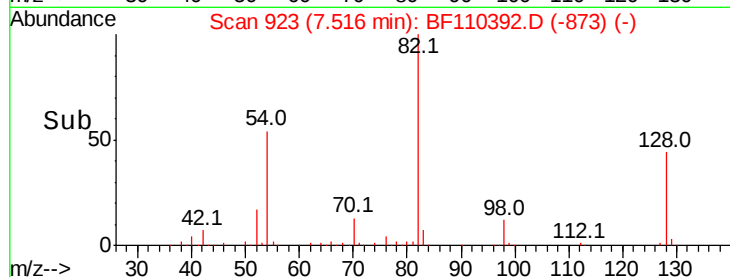
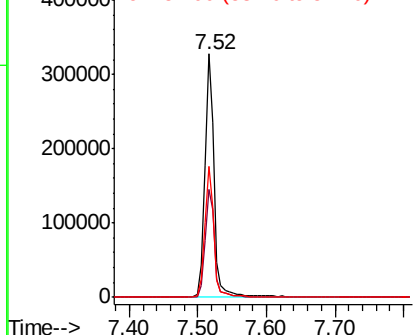
#23
 Nitrobenzene-d5
 Concen: 84.841 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110392.D
 Acq: 2 Nov 2018 5:29

Instrument :
 BNA_F
 ClientSampled :
 TP-10

Tot Ion: 82 Resp: 320682
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.2 51.2
 54 53.8 38.6 58.0

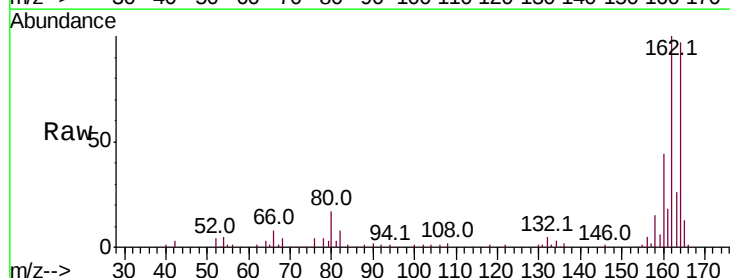


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

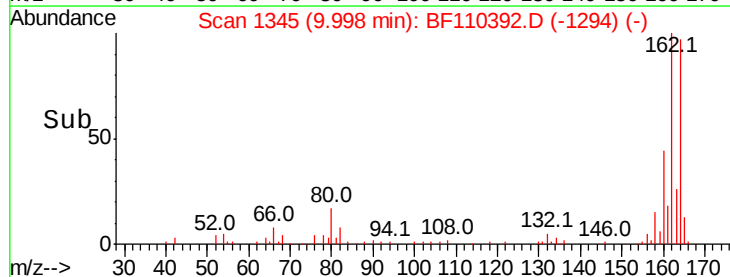
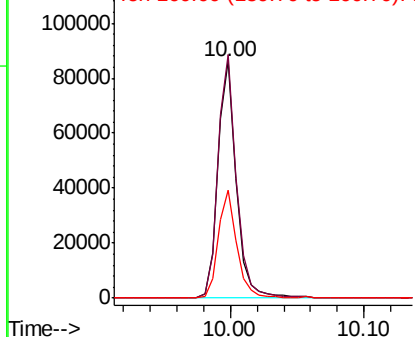


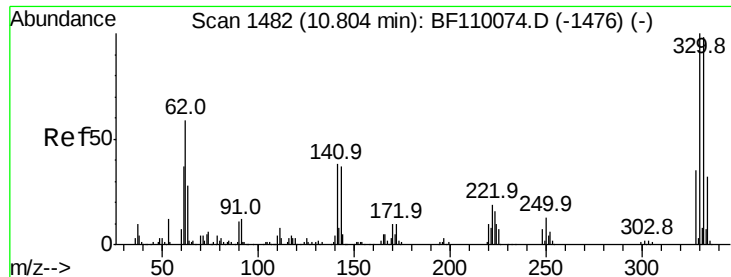
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: BF110392.D
 Acq: 2 Nov 2018 5:29

Tgt Ion:164 Resp: 84086
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.0 124.6
 160 45.7 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

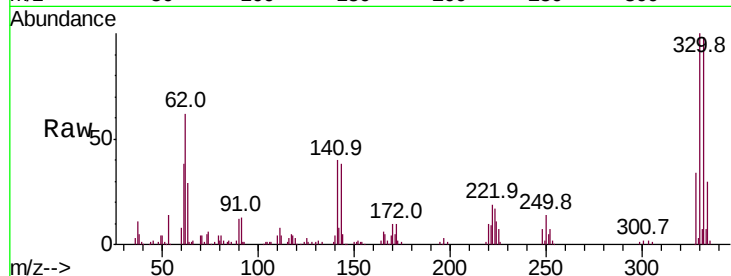




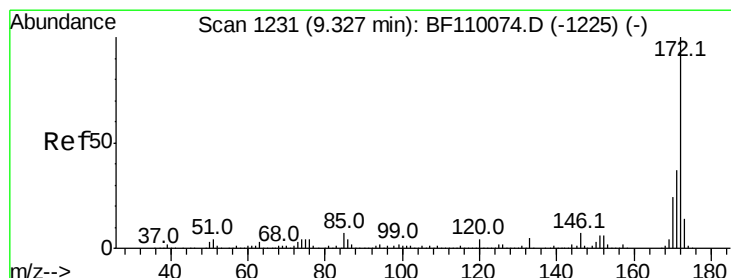
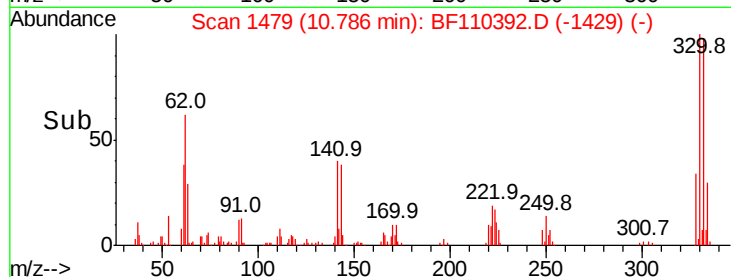
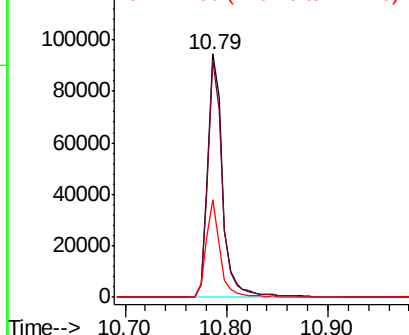
#42
 2,4,6-Tribromophenol
 Concen: 116.470 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF110392.D
 Acq: 2 Nov 2018 5:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion:330 Resp: 97011
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.1 115.7
 141 36.6 27.0 40.4

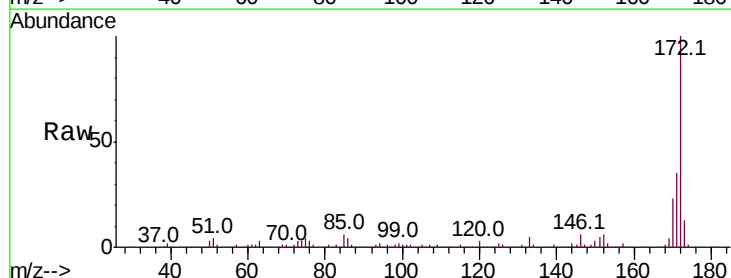


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

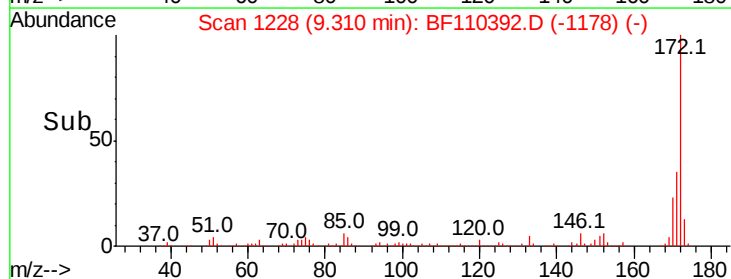
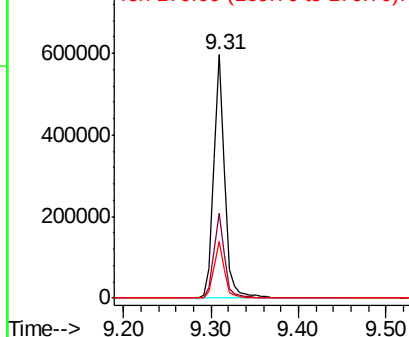


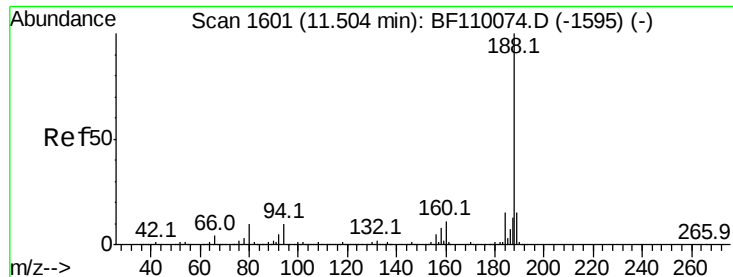
#45
 2-Fluorobiphenyl
 Concen: 98.547 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110392.D
 Acq: 2 Nov 2018 5:29

Tgt Ion:172 Resp: 527709
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 23.1 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: BF110392.D

Acq: 2 Nov 2018 5:29

Instrument :

BNA_F

ClientSampleId :

TP-10

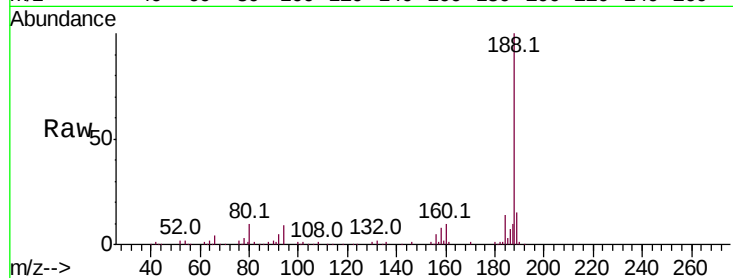
Tot Ion:188 Resp: 153599

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

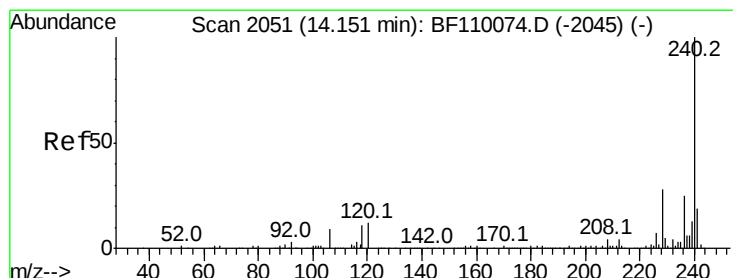
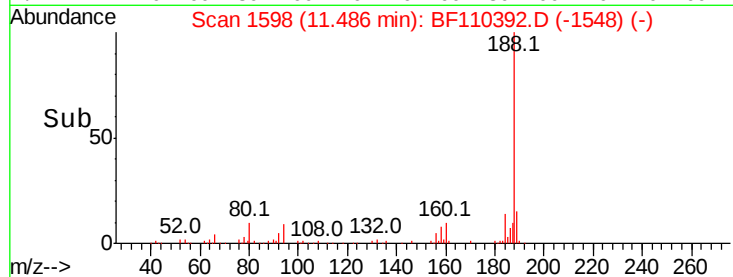
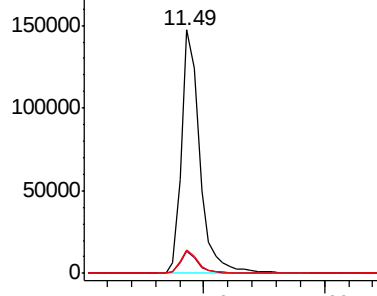
80 9.6 7.9 11.9



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: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

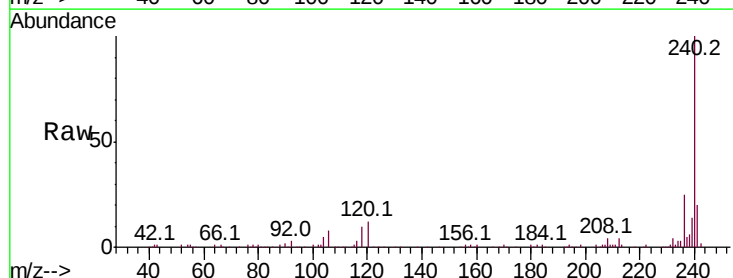
Tgt Ion:240 Resp: 167936

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

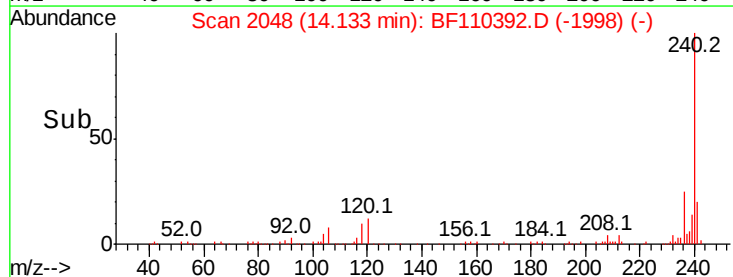
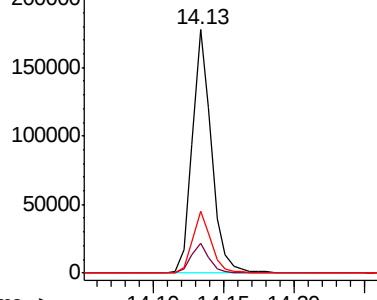
236 25.3 21.2 31.8



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: 71.113 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110392.D

Acq: 2 Nov 2018 5:29

Instrument :

BNA_F

ClientSampleId :

TP-10

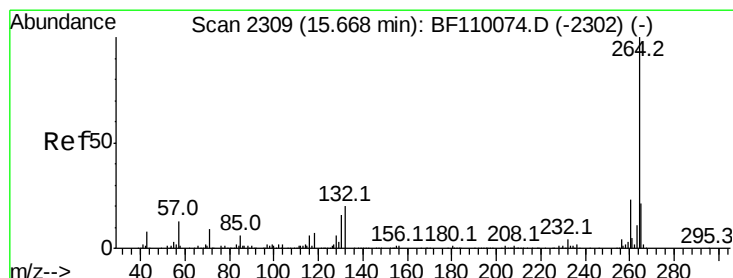
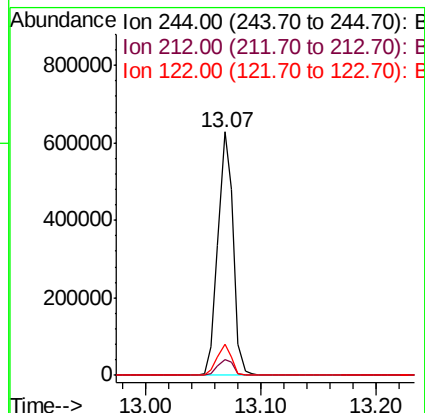
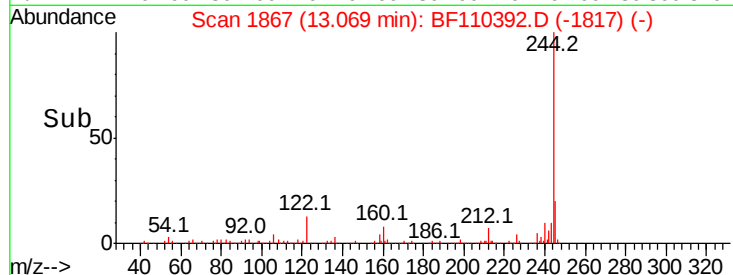
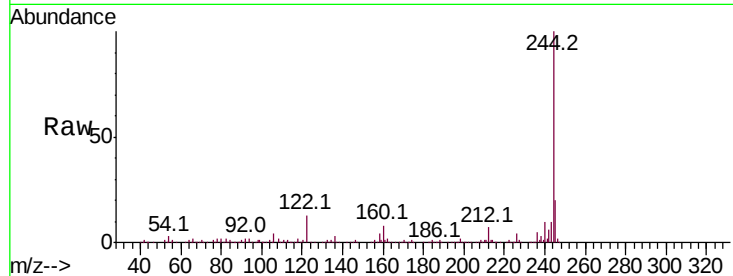
Tot Ion:244 Resp: 574232

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

122 12.9 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: BF110392.D

Acq: 2 Nov 2018 5:29

Tgt Ion:264 Resp: 118291

Ion Ratio Lower Upper

264 100

260 21.7 18.7 28.1

265 21.6 16.7 25.1

