

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111893.D
 Acq On : 7 Jan 2019 22:52
 Operator : JU/SJ
 Sample : K1034-05 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE-WALL-1-5

Quant Time: Jan 08 04:38:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126182	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	443115	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	194336	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	315338	20.00	ng	0.00
76) Chrysene-d12	14.05	240	347674	20.00	ng	0.00
87) Perylene-d12	15.53	264	382499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	30679	4.16	ng	0.00
7) Phenol-d6	6.52	99	58462	6.15	ng	-0.01
23) Nitrobenzene-d5	7.44	82	44824	5.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	5393	2.13	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	96060	7.21	ng	-0.01
79) Terphenyl-d14	12.99	244	95782	5.23	ng	0.00

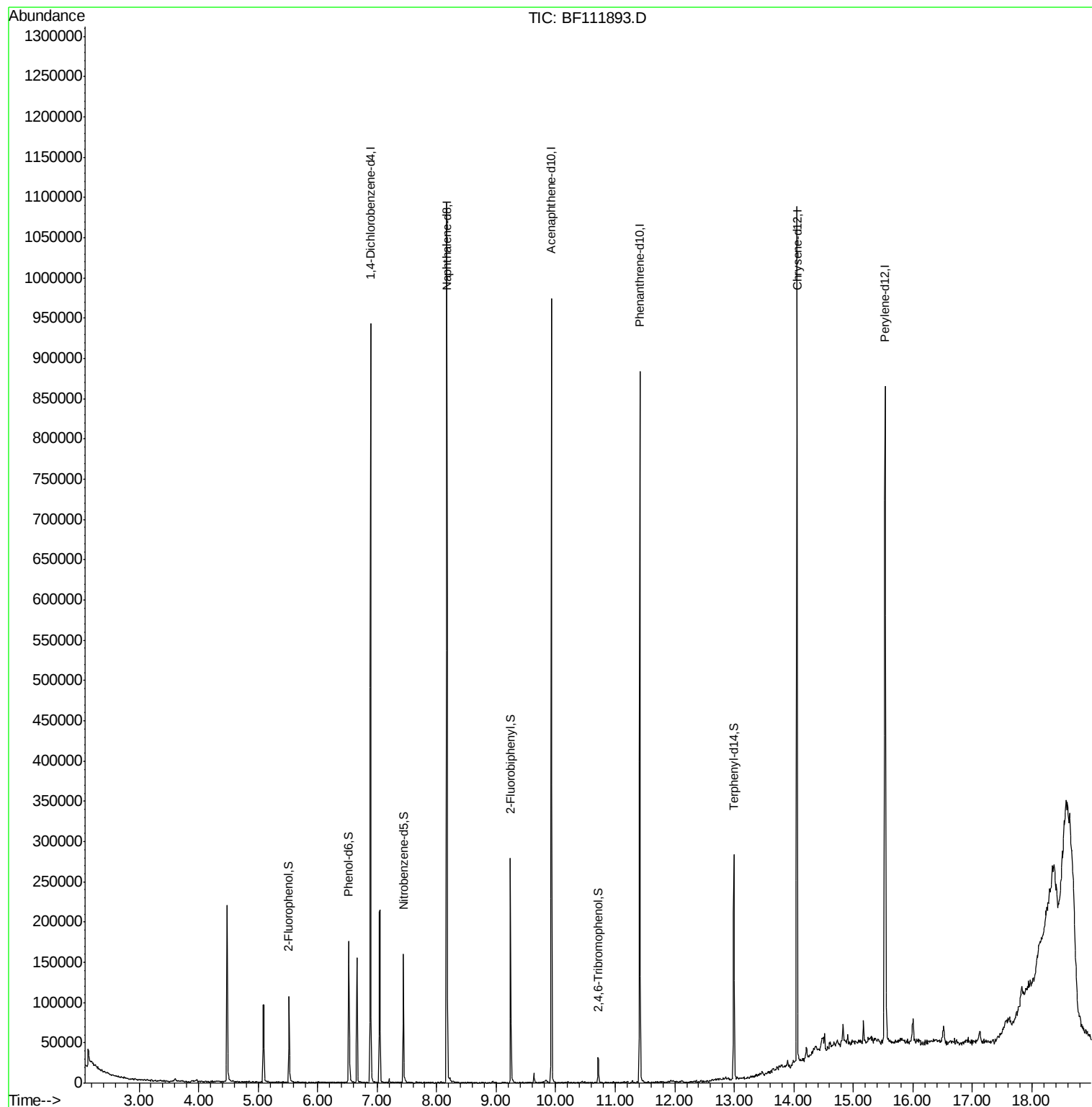
Target Compounds Qvalue

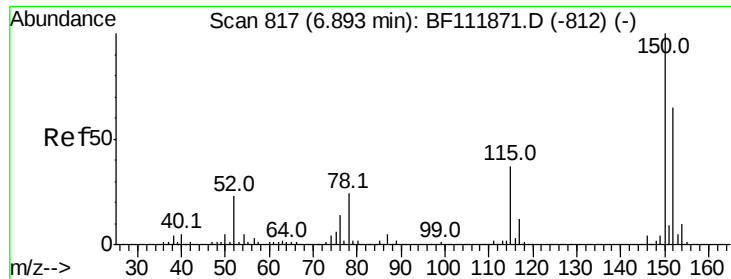
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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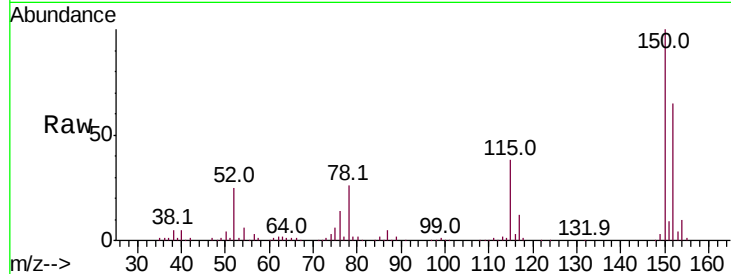


#1

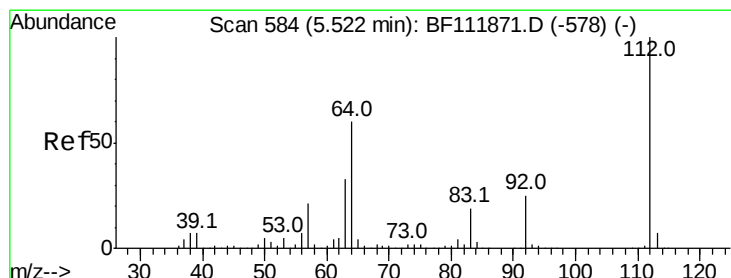
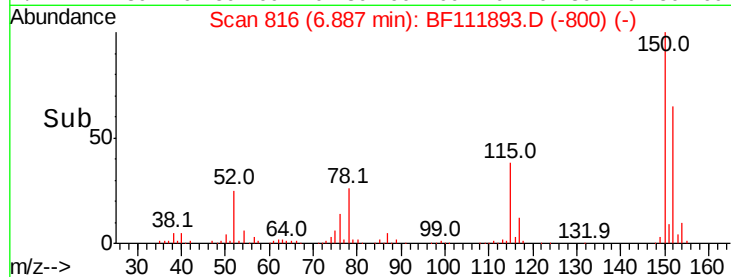
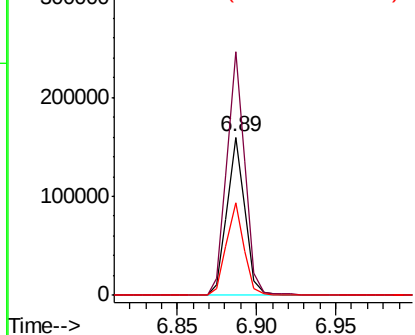
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE-WALL-1-5

Tot Ion:152 Resp: 126182
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 58.3 45.2 67.8



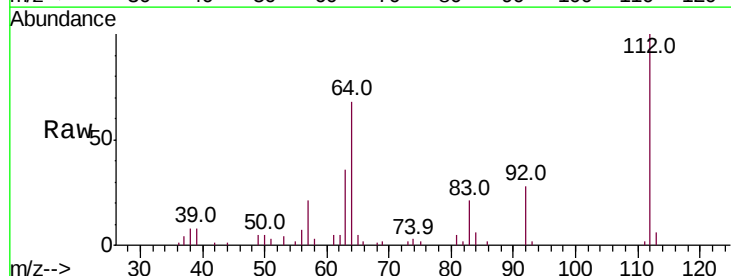
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



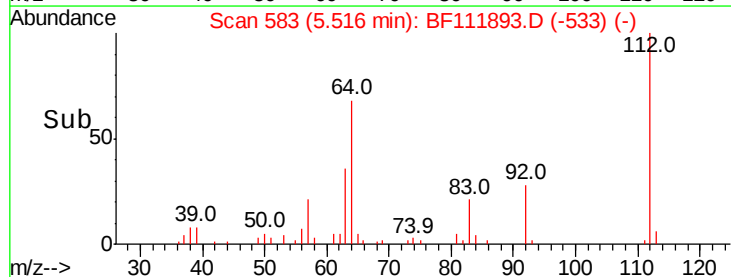
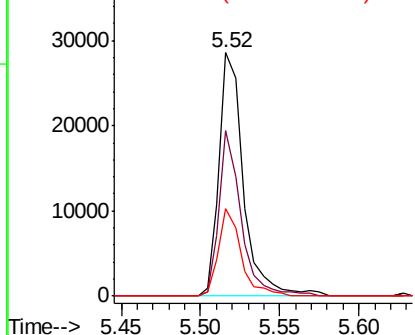
#5

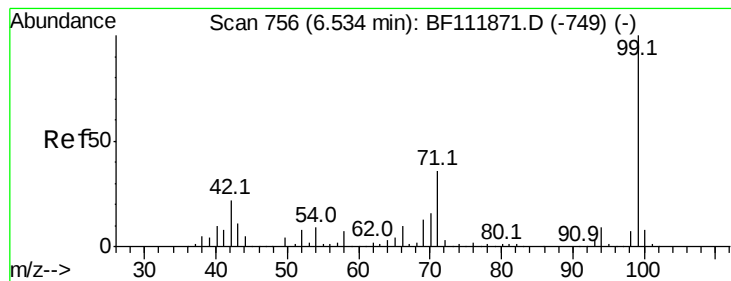
2-Fluorophenol
Concen: 4.160 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Tgt Ion:112 Resp: 30679
Ion Ratio Lower Upper
112 100
64 67.7 48.3 72.5
63 35.7 26.1 39.1



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: 6.150 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-WALL-1-5

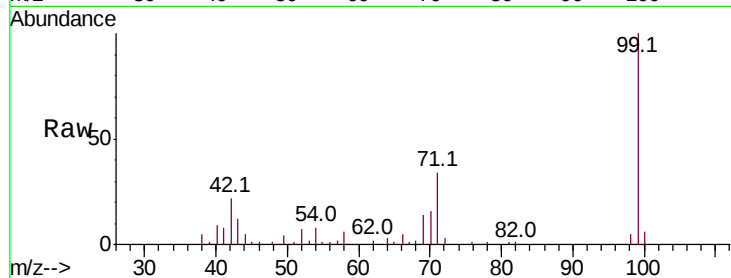
Tot Ion: 99 Resp: 58462

Ion Ratio Lower Upper

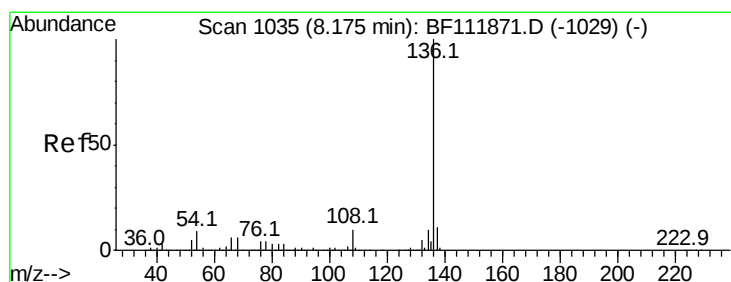
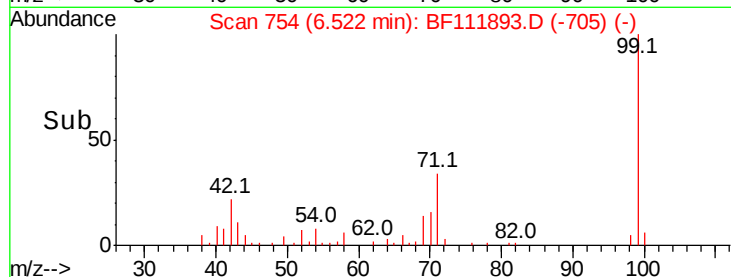
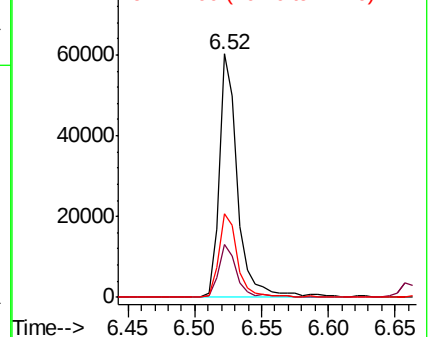
99 100

42 21.6 17.9 26.9

71 34.4 28.7 43.1



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Tgt Ion: 136 Resp: 443115

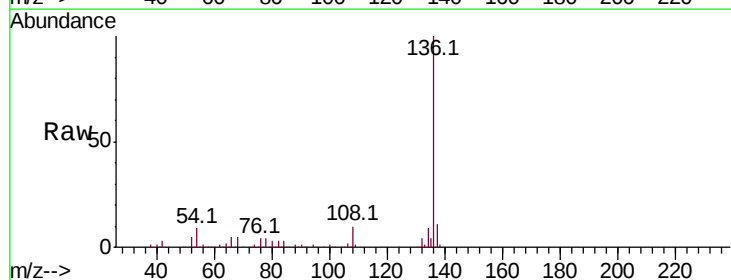
Ion Ratio Lower Upper

136 100

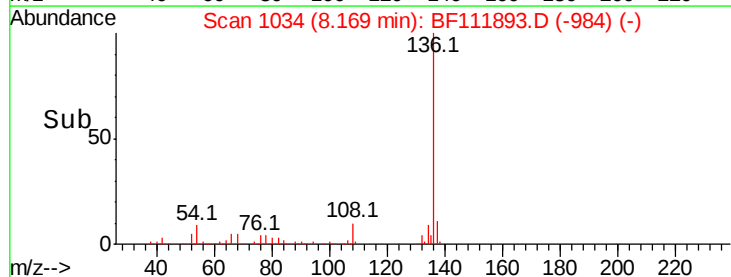
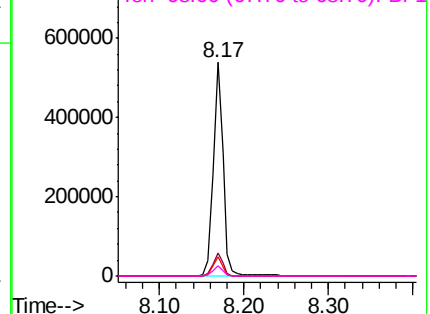
137 10.7 9.1 13.7

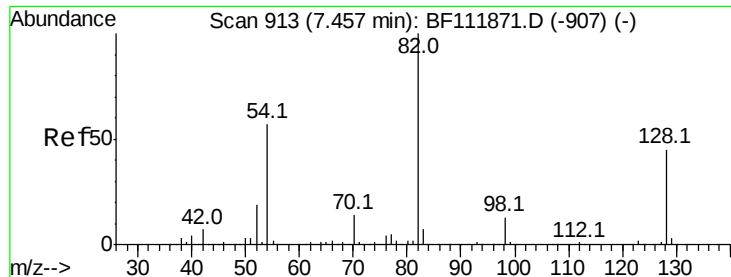
54 9.0 7.2 10.8

68 4.7 4.4 6.6



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: 5.406 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-WALL-1-5

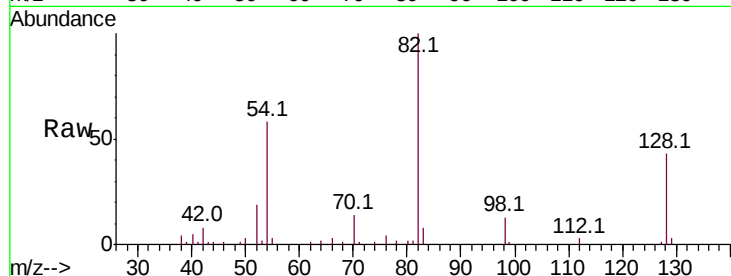
Tot Ion: 82 Resp: 44824

Ion Ratio Lower Upper

82 100

128 42.9 35.7 53.5

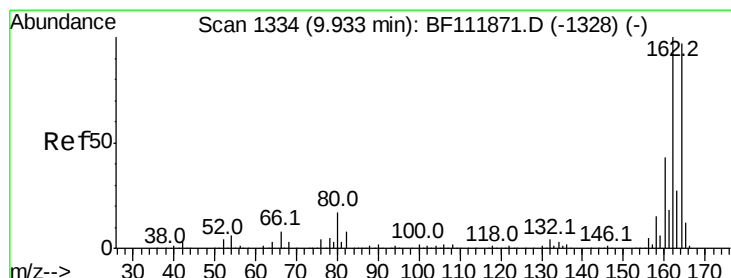
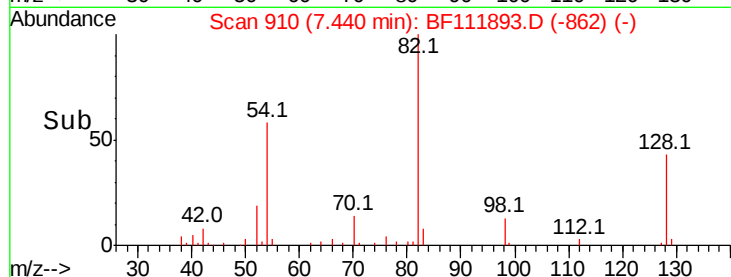
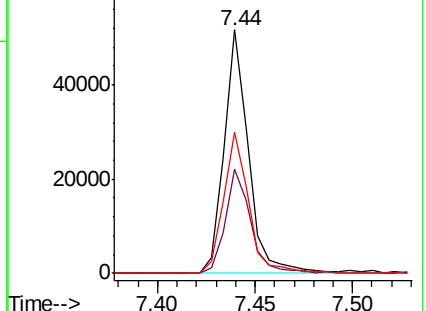
54 58.0 45.8 68.8



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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

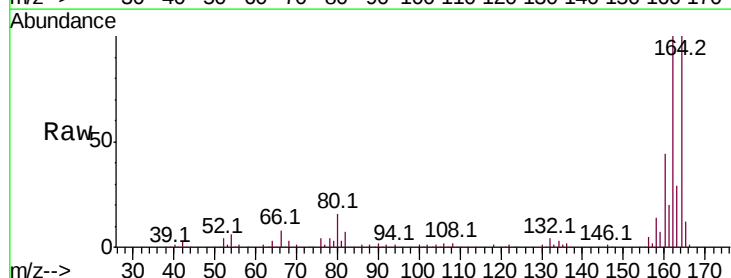
Tgt Ion: 164 Resp: 194336

Ion Ratio Lower Upper

164 100

162 100.4 82.2 123.2

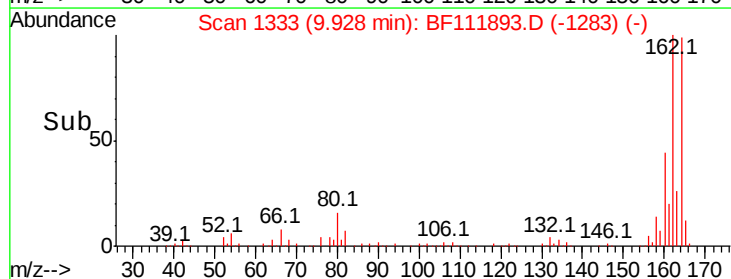
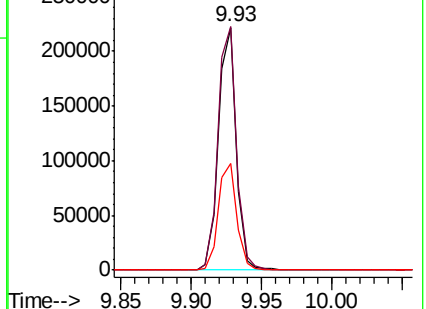
160 43.8 35.5 53.3

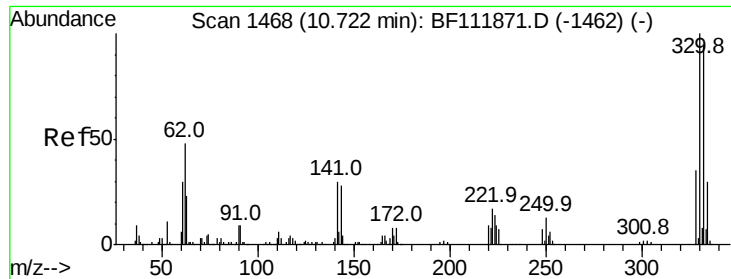


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

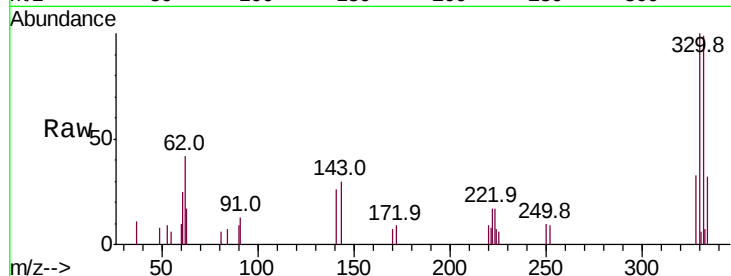




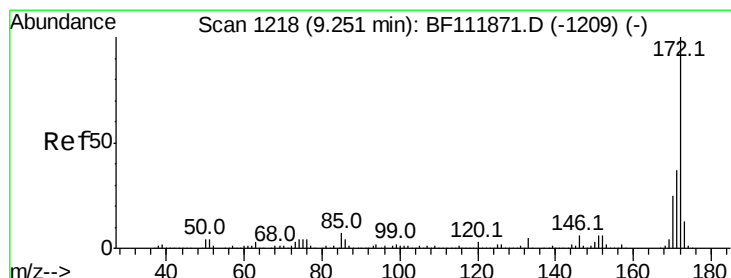
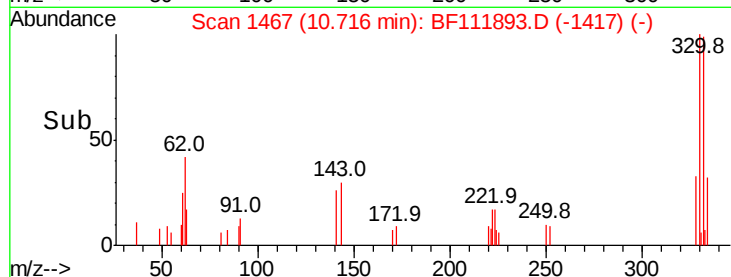
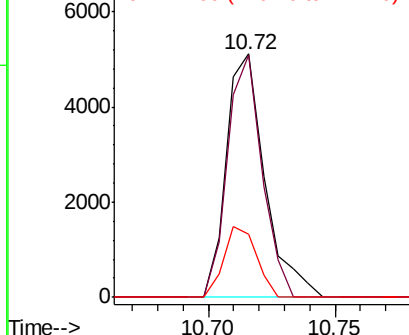
#42
 2,4,6-Tribromophenol
 Concen: 2.134 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111893.D
 Acq: 7 Jan 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE-WALL-1-5

Tot Ion:330 Resp: 5393
 Ion Ratio Lower Upper
 330 100
 332 89.1 76.9 115.3
 141 24.6 23.7 35.5

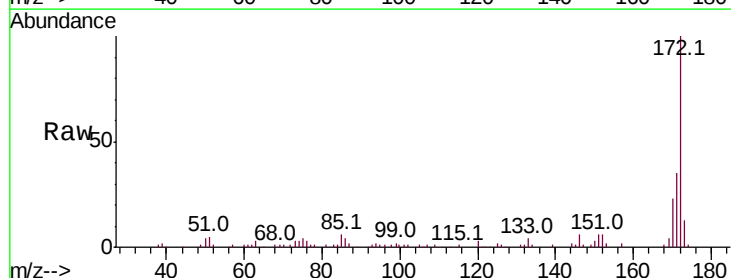


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

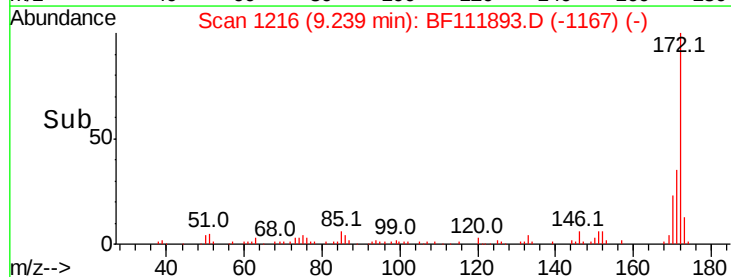
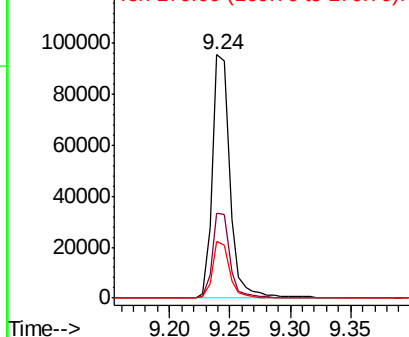


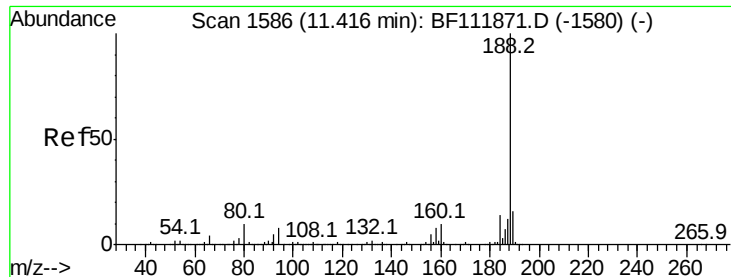
#45
 2-Fluorobiphenyl
 Concen: 7.208 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111893.D
 Acq: 7 Jan 2019 22:52

Tgt Ion:172 Resp: 96060
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 23.3 19.8 29.8



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

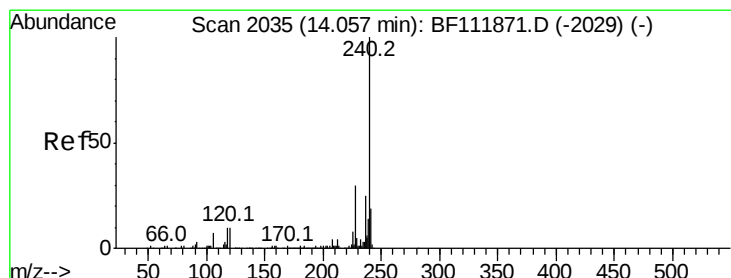
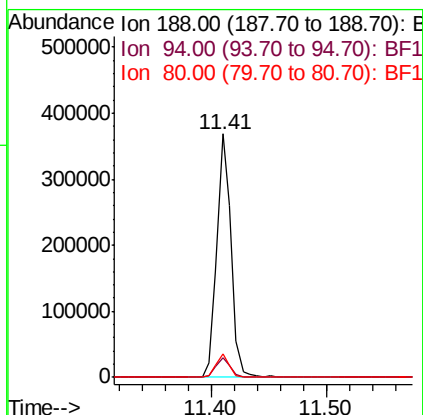
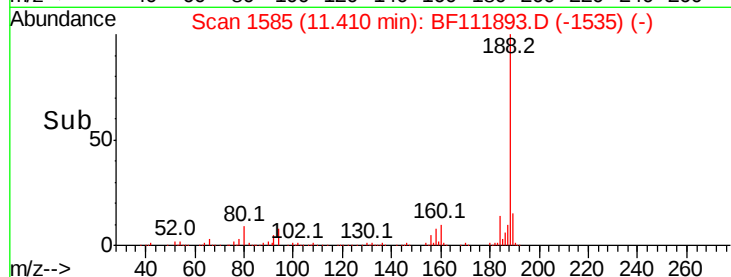
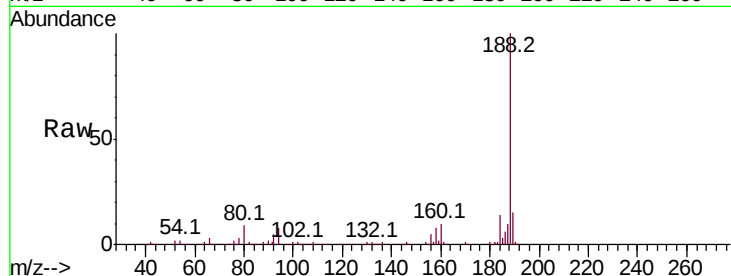




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

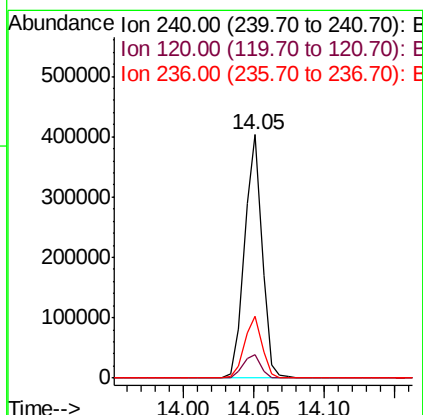
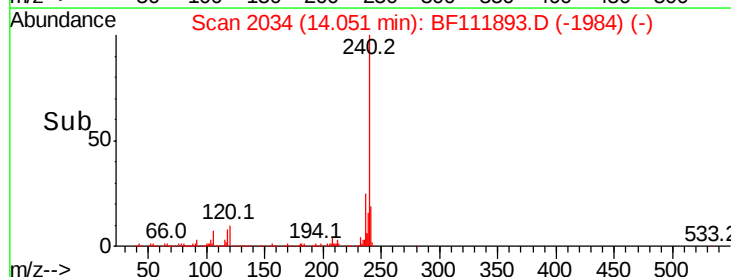
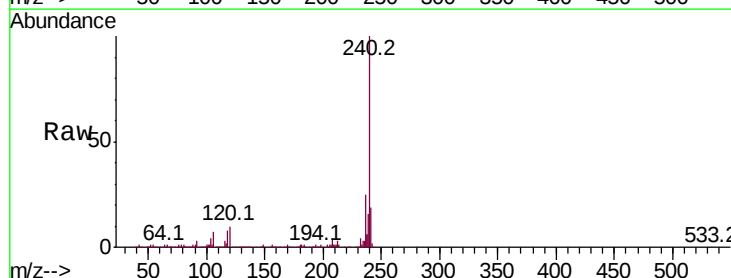
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CONTROL-HOUSE-WALL-1-5

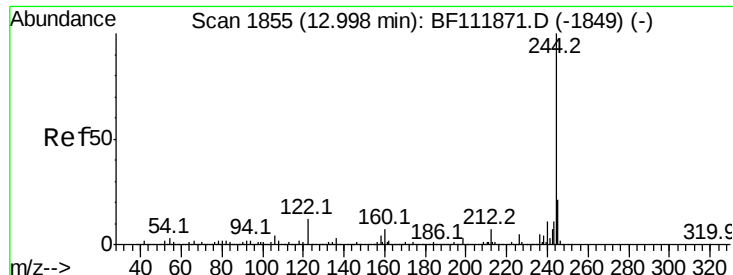
Tot Ion:188 Resp: 315338
Ion Ratio Lower Upper
188 100
94 7.9 6.6 10.0
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111893.D
Acq: 7 Jan 2019 22:52

Tgt Ion:240 Resp: 347674
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 25.3 20.2 30.4





#79

Terphenyl-d14

Concen: 5.229 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-WALL-1-5

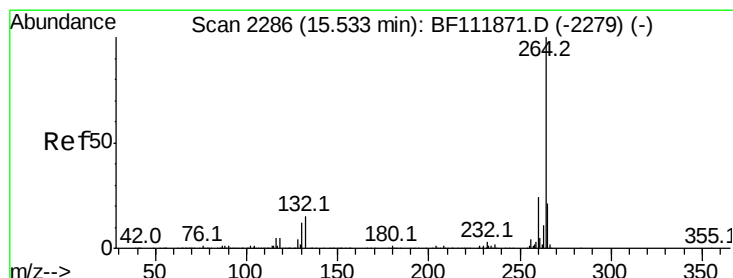
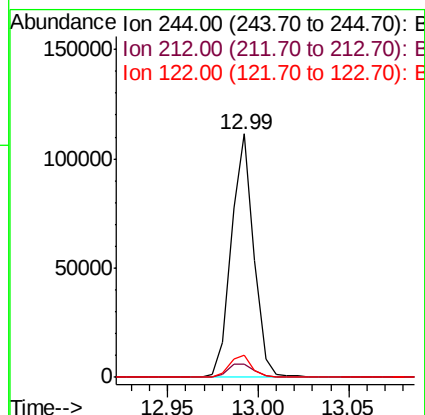
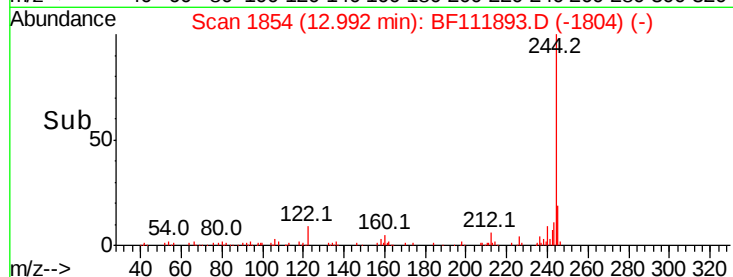
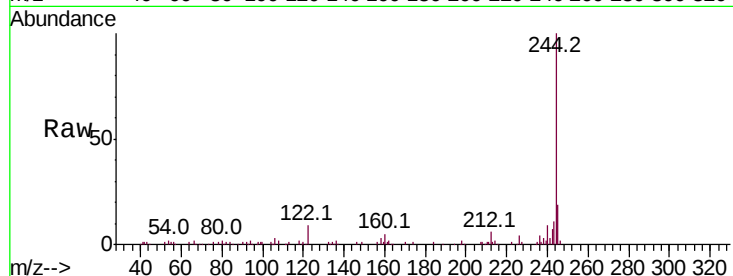
Tot Ion:244 Resp: 95782

Ion Ratio Lower Upper

244 100

212 5.6 5.8 8.8#

122 9.0 9.5 14.3#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF111893.D

Acq: 7 Jan 2019 22:52

Tgt Ion:264 Resp: 382499

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.8 17.1 25.7

