

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111889.D
 Acq On : 7 Jan 2019 21:03
 Operator : JU/SJ
 Sample : K1034-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jan 08 04:32:32 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	137536	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	499034	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	239868	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	366371	20.00	ng	0.00
76) Chrysene-d12	14.05	240	386095	20.00	ng	0.00
87) Perylene-d12	15.53	264	453185	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	77381	9.63	ng	0.00
7) Phenol-d6	6.53	99	93522	9.03	ng	0.00
23) Nitrobenzene-d5	7.44	82	60164	6.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	20556	6.59	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	133903	8.14	ng	0.00
79) Terphenyl-d14	12.99	244	125427	6.17	ng	0.00

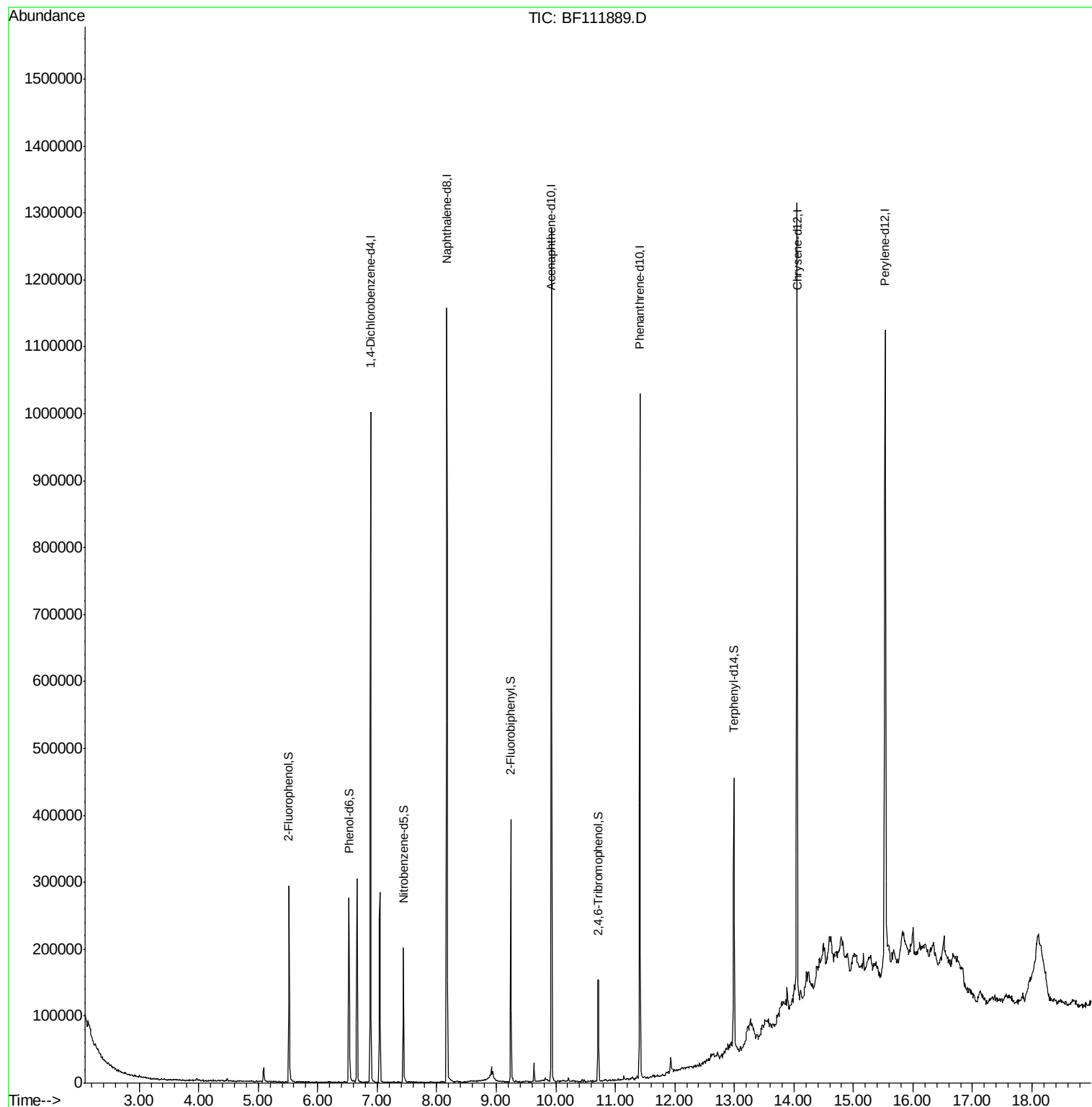
Target Compounds Qvalue

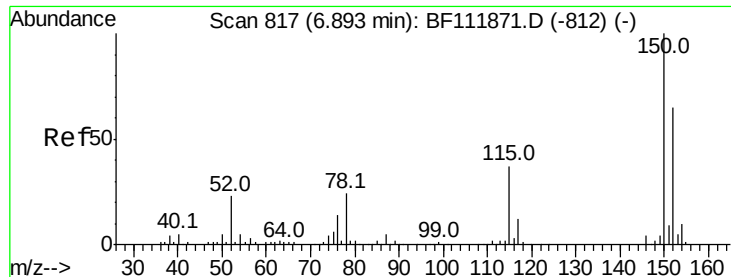
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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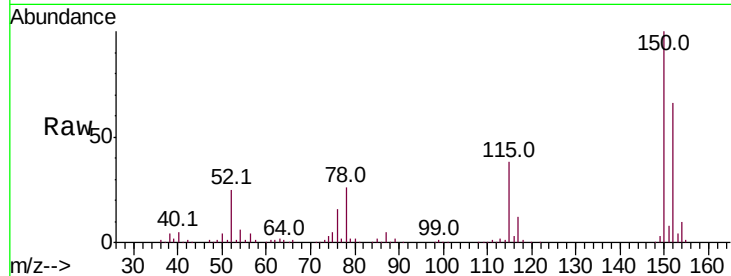


#1

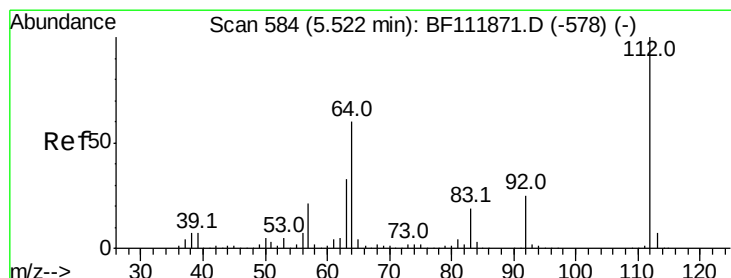
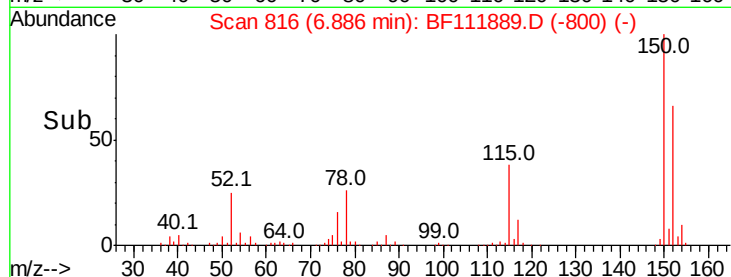
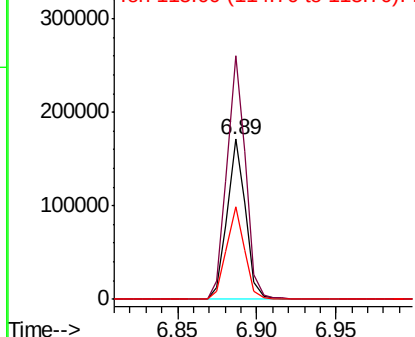
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111889.D
Acq: 7 Jan 2019 21:03

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

Tot Ion:152 Resp: 137536
Ion Ratio Lower Upper
152 100
150 152.0 122.7 184.1
115 57.6 45.2 67.8



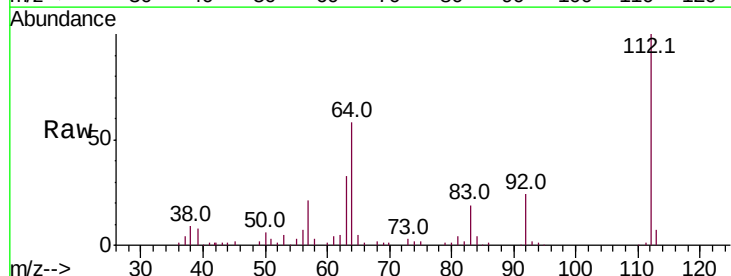
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



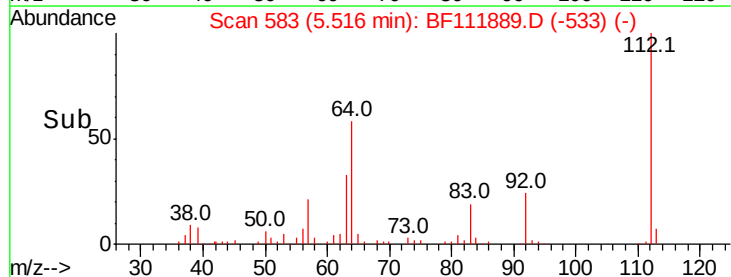
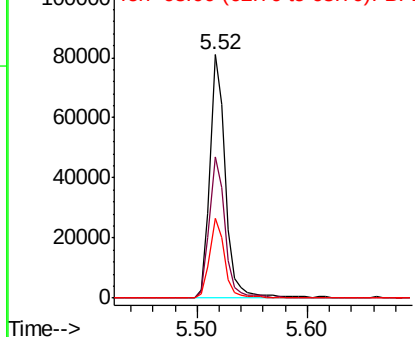
#5

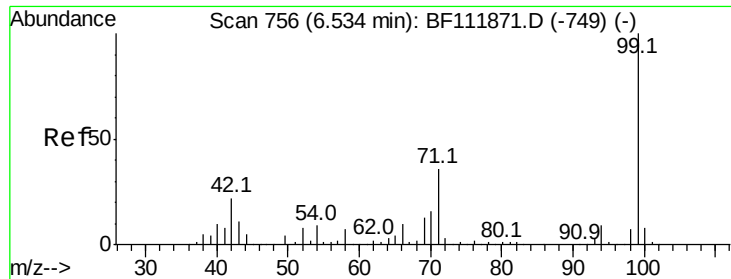
2-Fluorophenol
Concen: 9.625 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111889.D
Acq: 7 Jan 2019 21:03

Tgt Ion:112 Resp: 77381
Ion Ratio Lower Upper
112 100
64 58.0 48.3 72.5
63 32.8 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: 9.026 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111889.D

Acq: 7 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-WALL-1-1

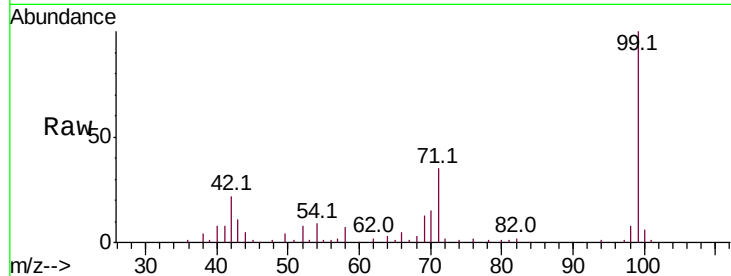
Tot Ion: 99 Resp: 93522

Ion Ratio Lower Upper

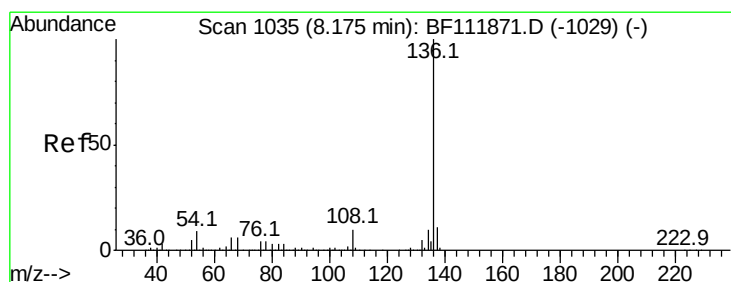
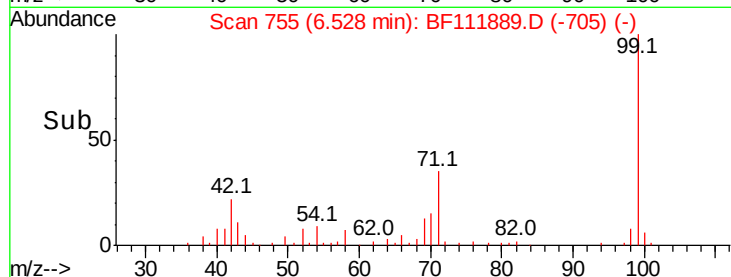
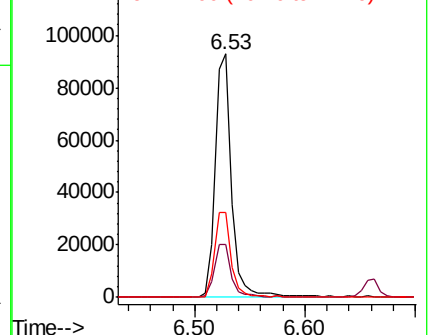
99 100

42 21.7 17.9 26.9

71 34.7 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: BF111889.D

Acq: 7 Jan 2019 21:03

Tgt Ion: 136 Resp: 499034

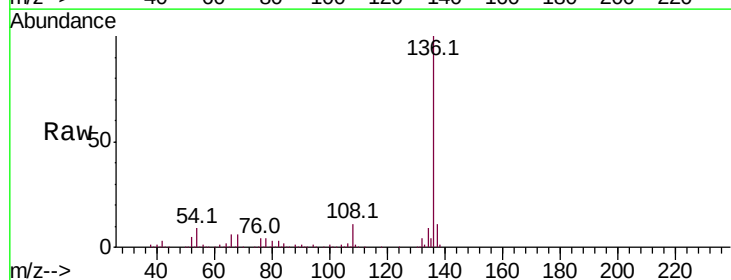
Ion Ratio Lower Upper

136 100

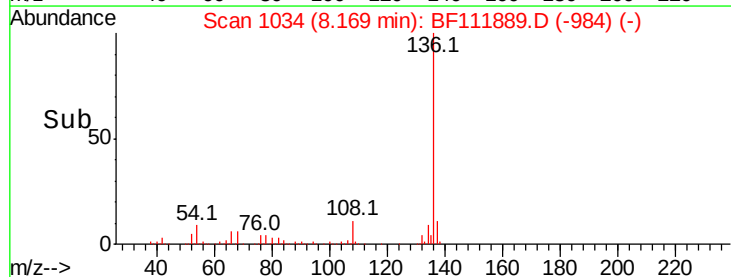
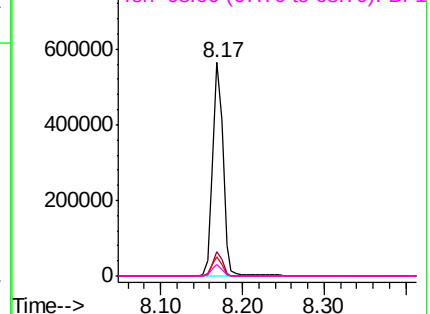
137 11.3 9.1 13.7

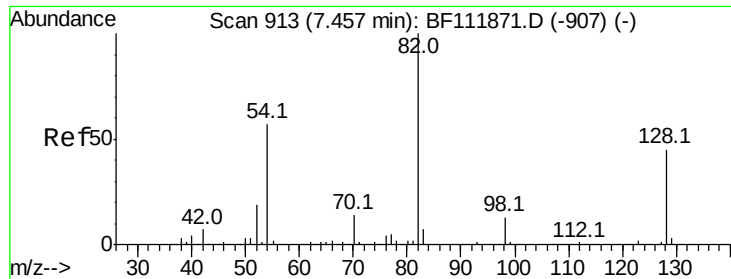
54 8.9 7.2 10.8

68 5.5 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

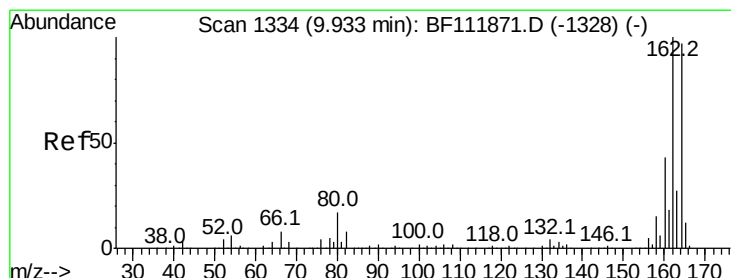
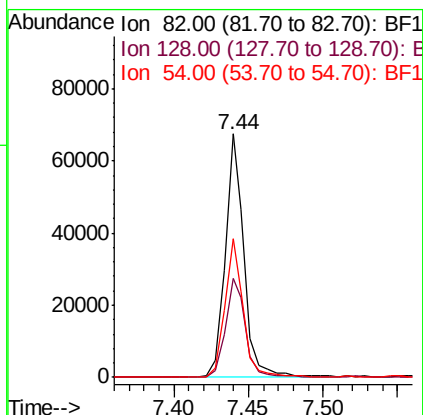
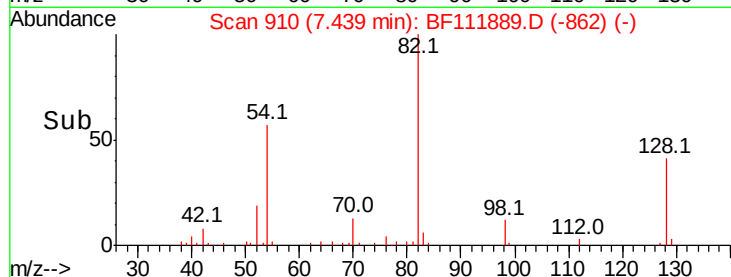
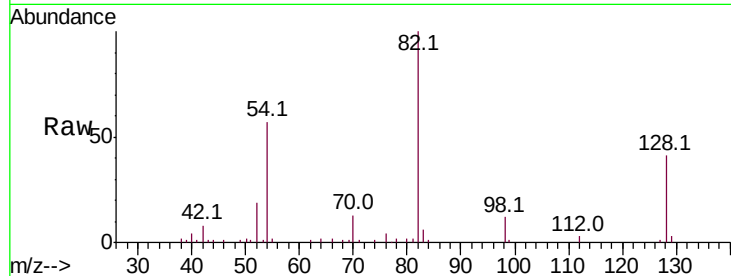




#23
 Nitrobenzene-d5
 Concen: 6.443 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111889.D
 Acq: 7 Jan 2019 21:03

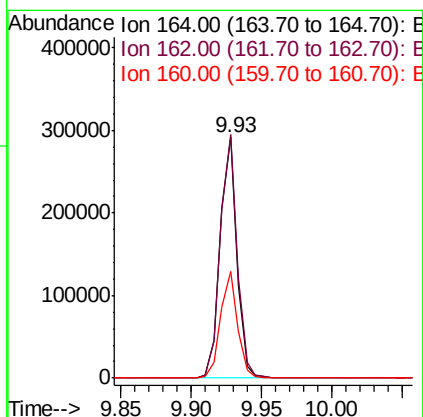
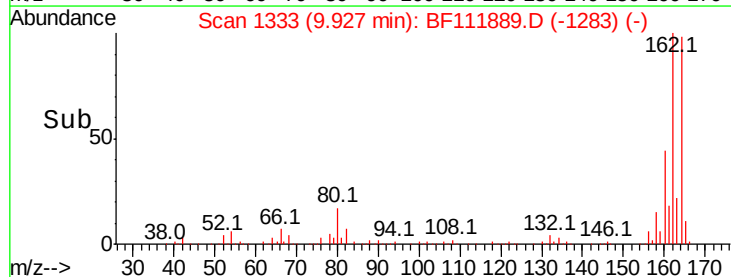
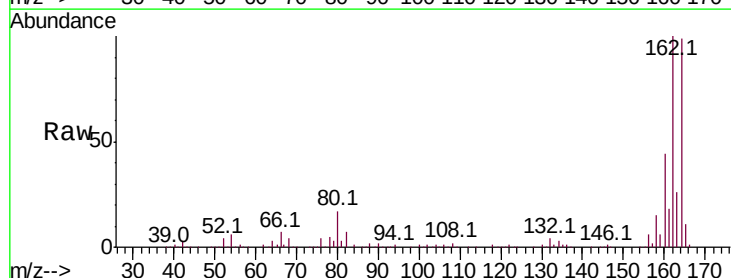
Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE-WALL-1-1

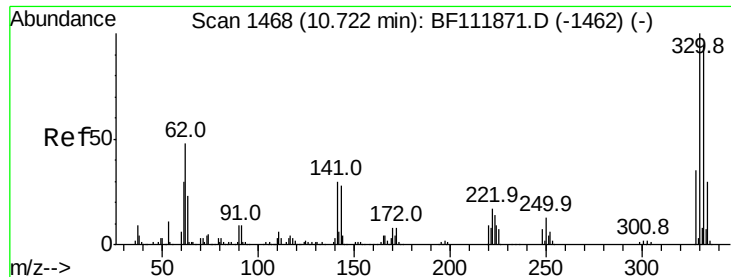
Tot Ion: 82 Resp: 60164
 Ion Ratio Lower Upper
 82 100
 128 40.7 35.7 53.5
 54 57.1 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111889.D
 Acq: 7 Jan 2019 21:03

Tgt Ion: 164 Resp: 239868
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.2 123.2
 160 44.4 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 6.589 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111889.D

Acq: 7 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-WALL-1-1

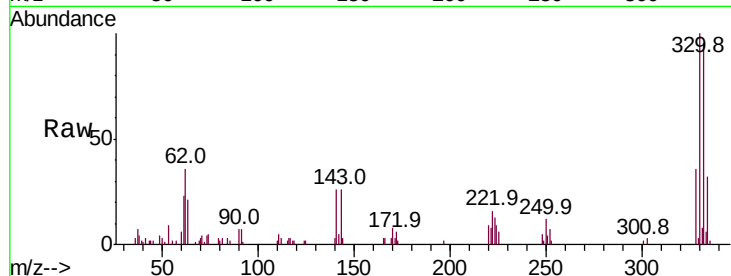
Tot Ion:330 Resp: 20556

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

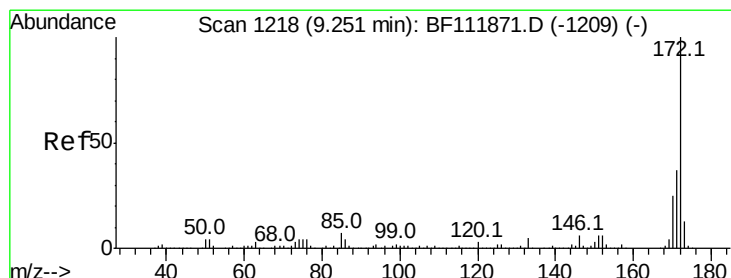
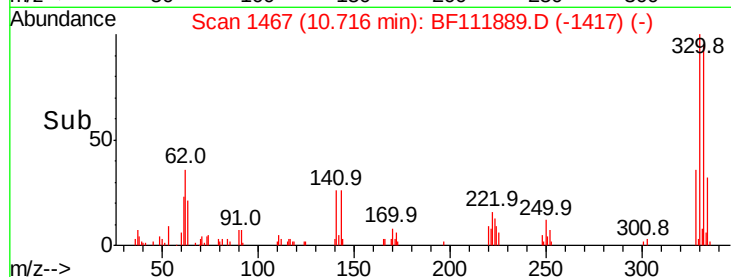
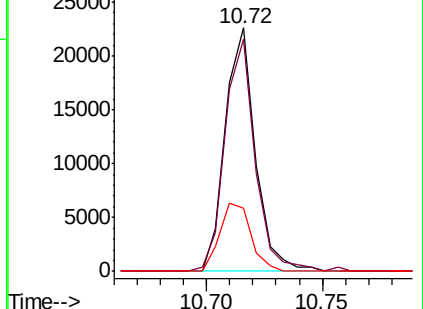
141 28.5 23.7 35.5



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: 8.140 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF111889.D

Acq: 7 Jan 2019 21:03

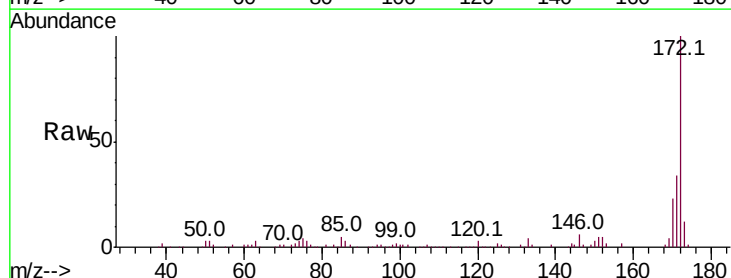
Tgt Ion:172 Resp: 133903

Ion Ratio Lower Upper

172 100

171 34.5 29.6 44.4

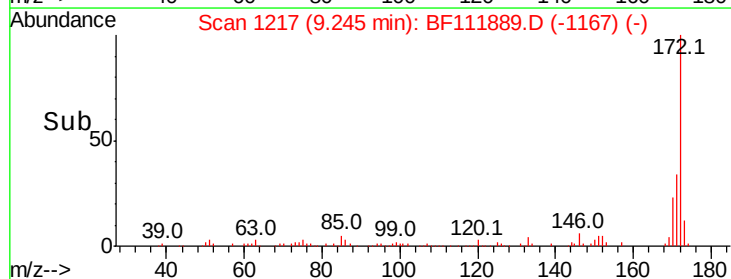
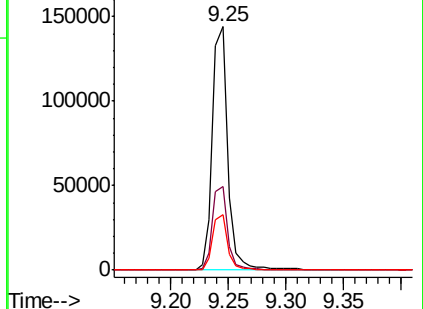
170 23.0 19.8 29.8

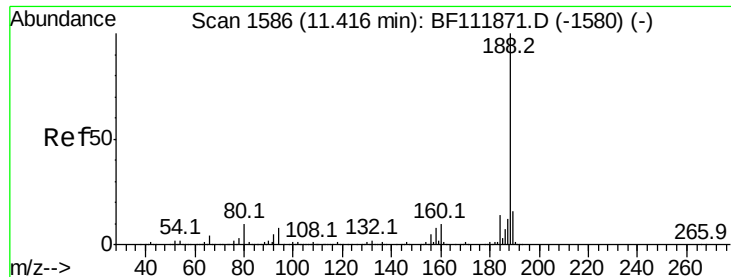


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

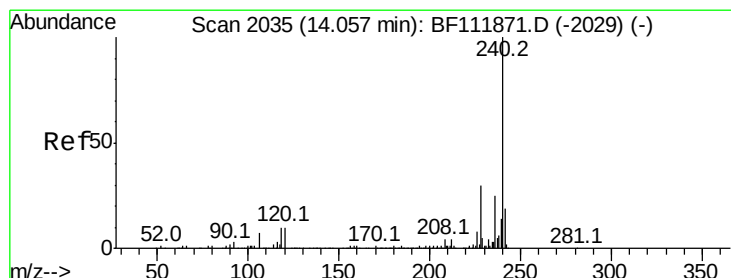
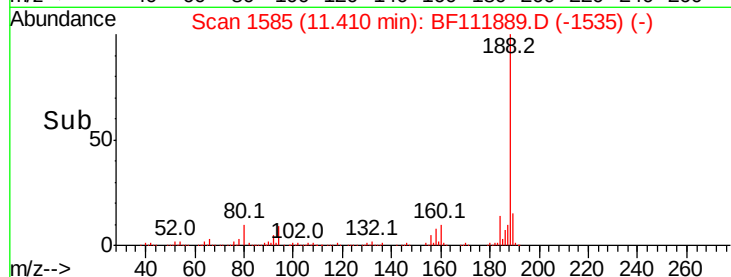
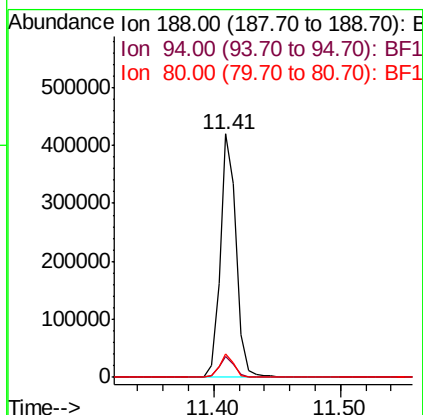
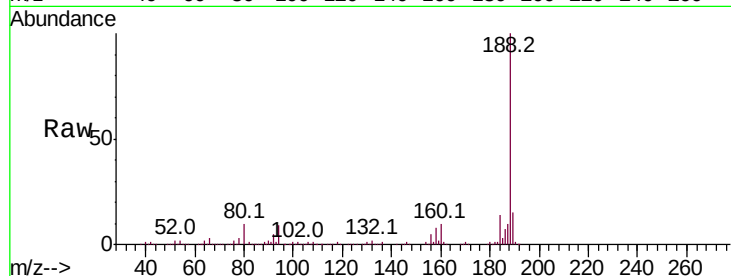




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111889.D
Acq: 7 Jan 2019 21:03

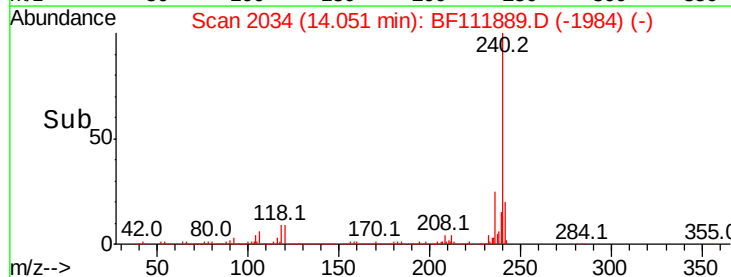
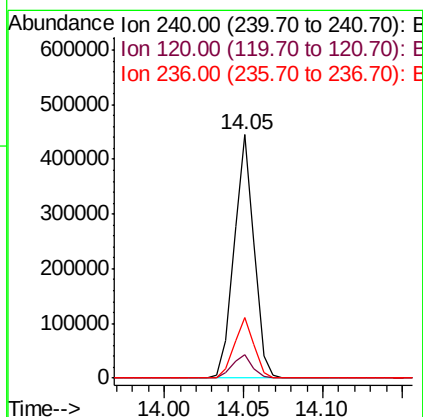
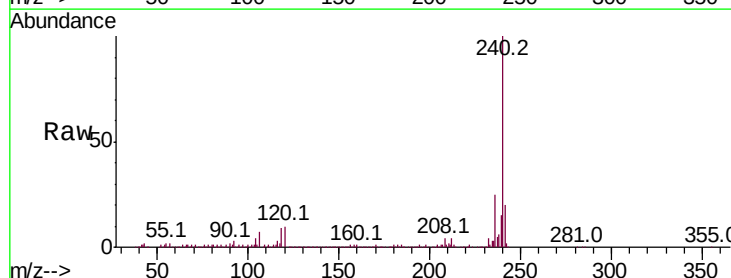
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE-WALL-1-1

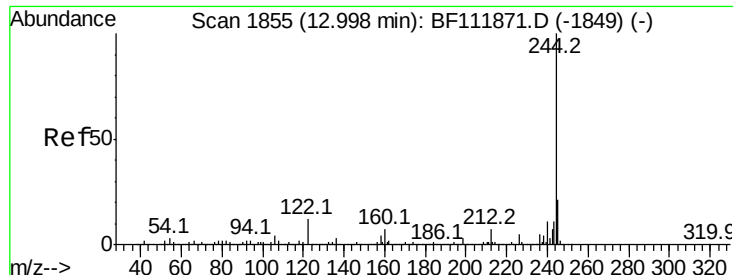
Tot Ion:188 Resp: 366371
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111889.D
Acq: 7 Jan 2019 21:03

Tgt Ion:240 Resp: 386095
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.2
236 25.0 20.2 30.4





#79

Terphenyl-d14

Concen: 6.167 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111889.D

Acq: 7 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-WALL-1-1

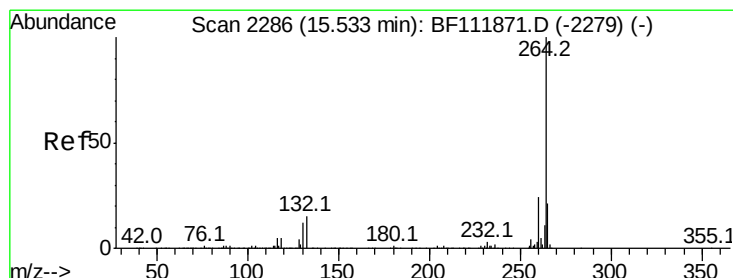
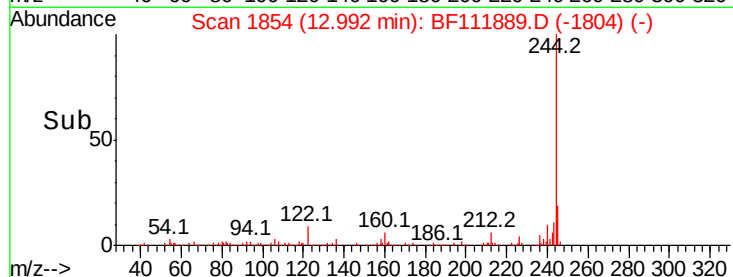
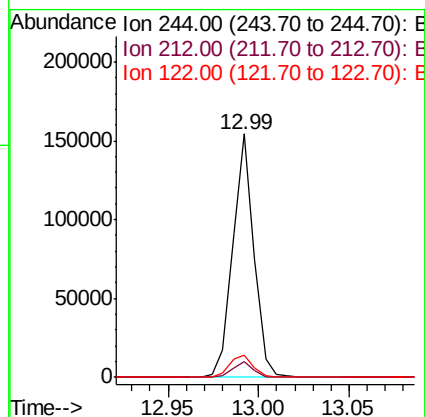
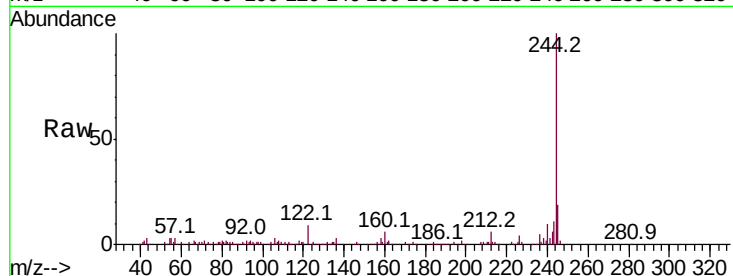
Tot Ion:244 Resp: 125427

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

122 9.1 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: BF111889.D

Acq: 7 Jan 2019 21:03

Tgt Ion:264 Resp: 453185

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.2 17.1 25.7

