

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101471.D
 Acq On : 16 Dec 2017 4:50
 Operator : SJ/JU
 Sample : I6882-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-U-M

Quant Time: Dec 16 05:33:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	160663	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	636405	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	260008	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	427807	20.00	ng	0.00
75) Chrysene-d12	14.00	240	299939	20.00	ng	0.00
86) Perylene-d12	15.47	264	267575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	386159	35.80	ng	0.00
7) Phenol-d6	6.45	99	288794	21.51	ng	0.00
23) Nitrobenzene-d5	7.39	82	935176	81.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	182393	72.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1500222	89.51	ng	0.00
78) Terphenyl-d14	12.93	244	1059312	85.14	ng	0.00

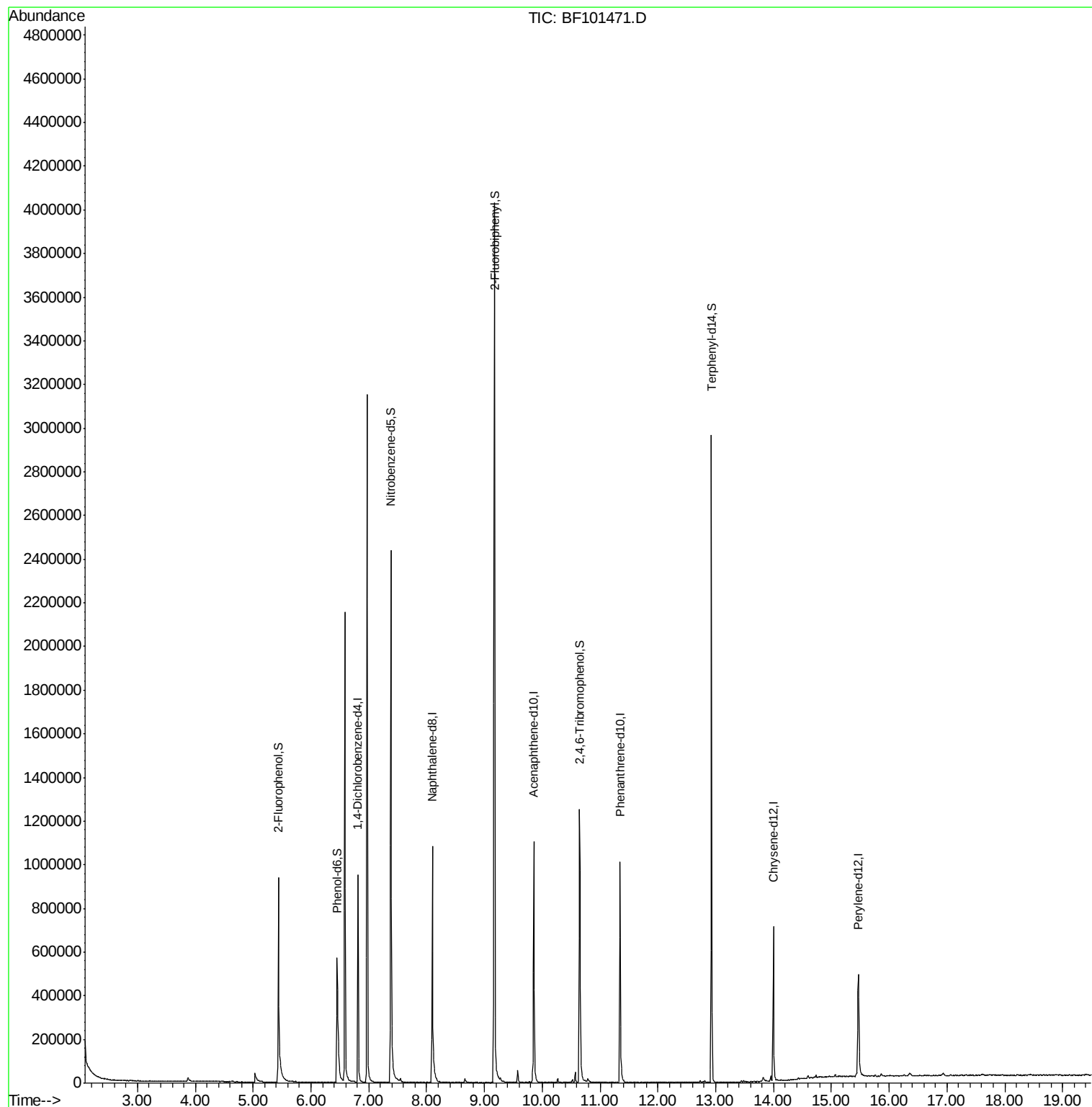
Target Compounds	Qvalue
------------------	--------

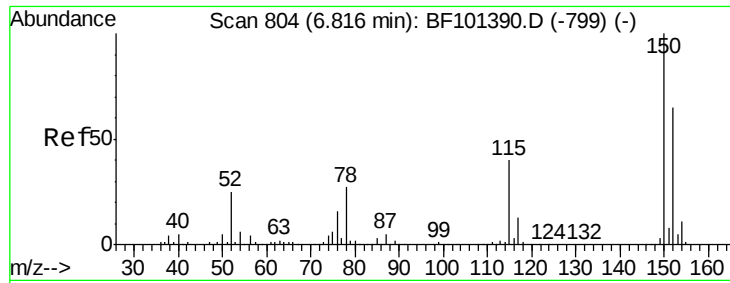
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101471.D
Acq On : 16 Dec 2017 4:50
Operator : SJ/JU
Sample : I6882-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121117-FOPI-E-U-M

Quant Time: Dec 16 05:33:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration

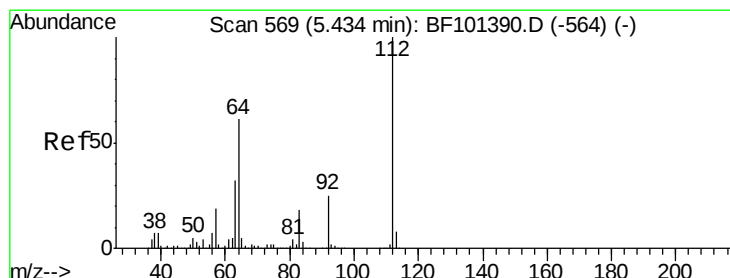
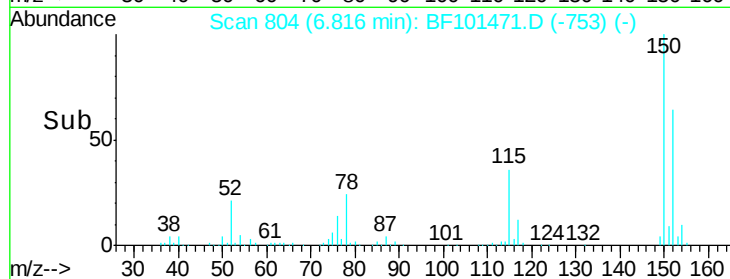
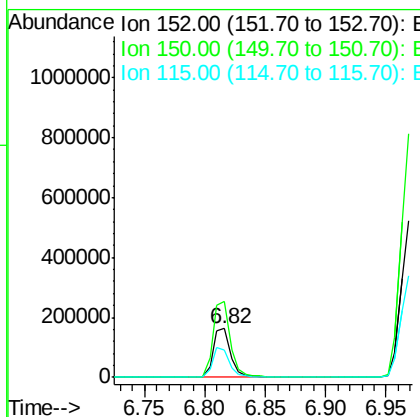
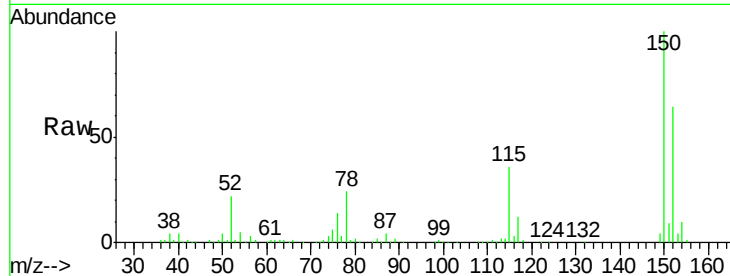




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF101471.D
 Acq: 16 Dec 2017 4:50

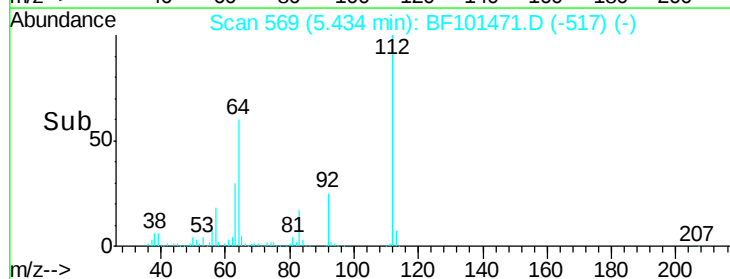
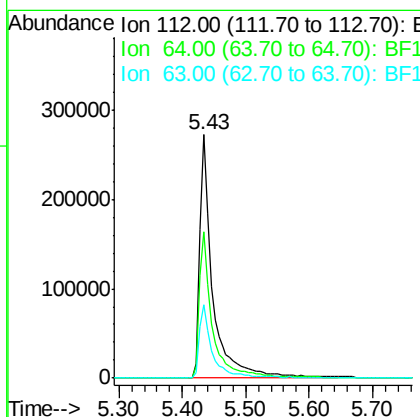
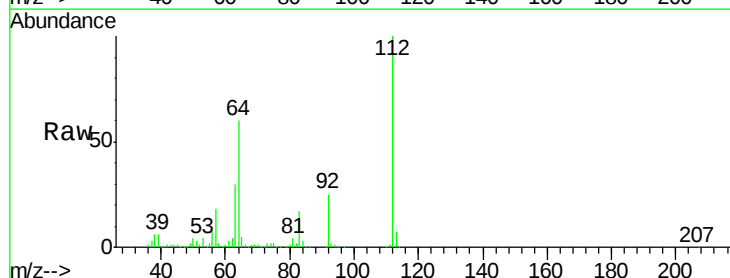
Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-U-M

Tgt Ion:152 Resp: 160663
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 56.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 35.803 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF101471.D
 Acq: 16 Dec 2017 4:50

Tgt Ion:112 Resp: 386159
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.9 71.9
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 21.514 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

Instrument :

BNA_F

ClientSampleId :

121117-FOPI-E-U-M

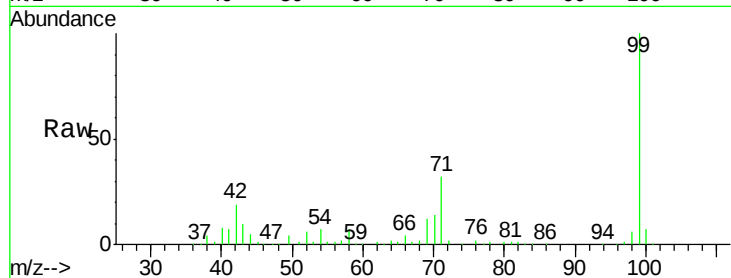
Tgt Ion: 99 Resp: 288794

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

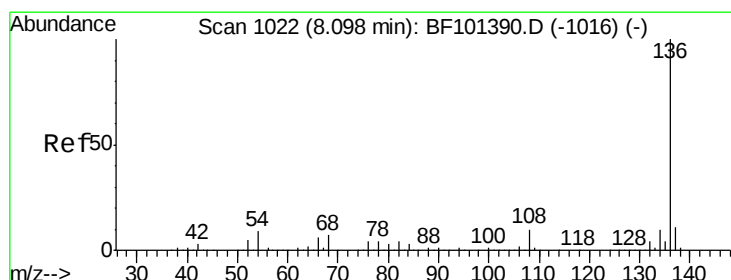
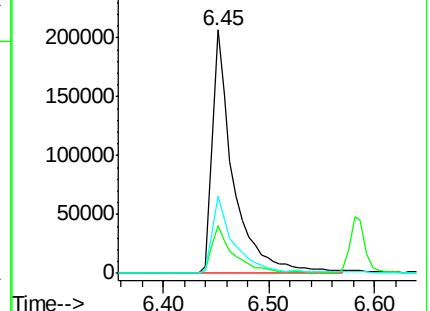
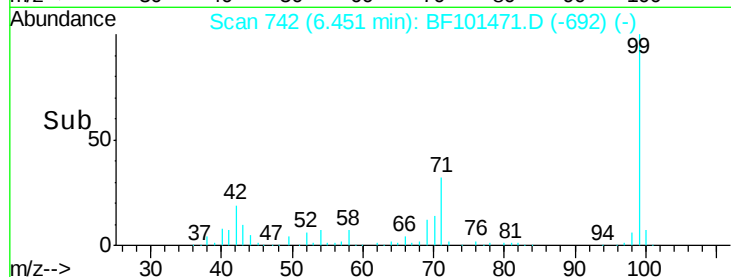
71 31.8 25.4 38.0



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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

Tgt Ion: 136 Resp: 636405

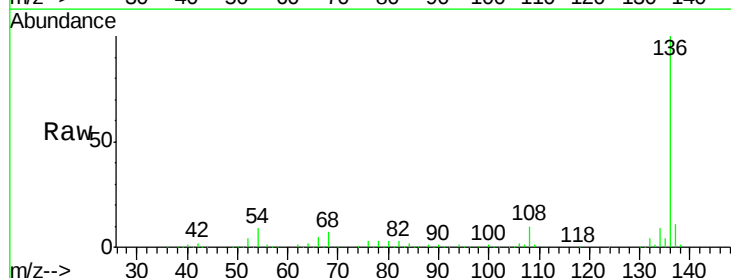
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.0 6.6 9.8

68 6.7 5.0 7.4

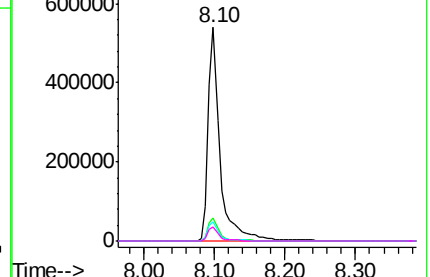
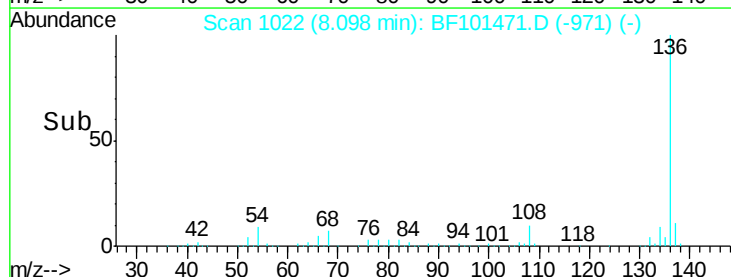


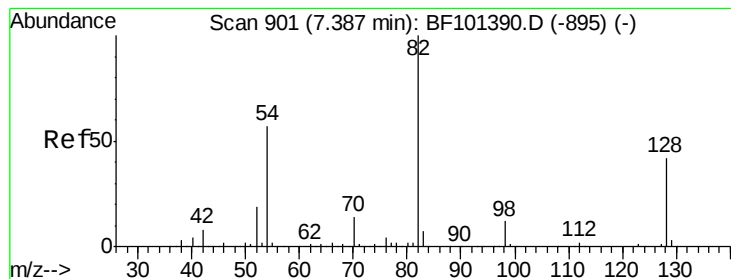
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.799 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

Instrument :

BNA_F

ClientSampleId :

121117-FOPI-E-U-M

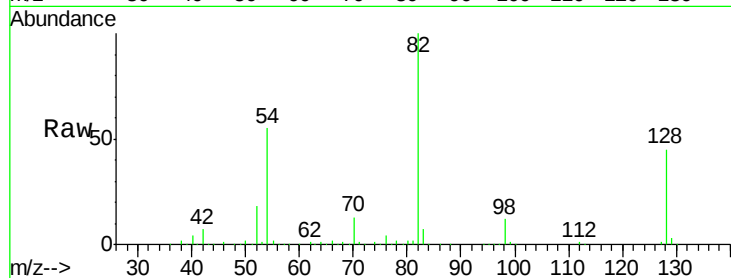
Tgt Ion: 82 Resp: 935176

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

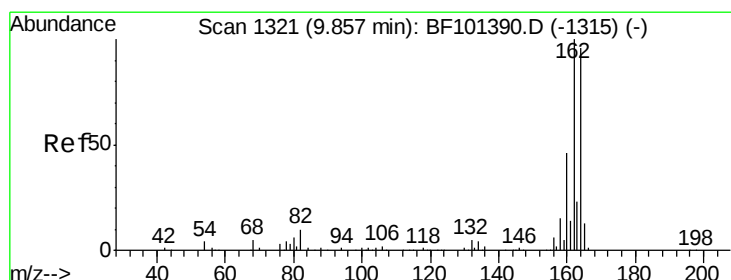
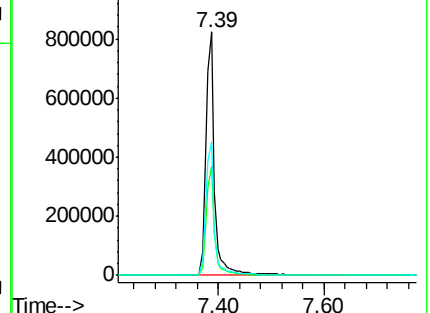
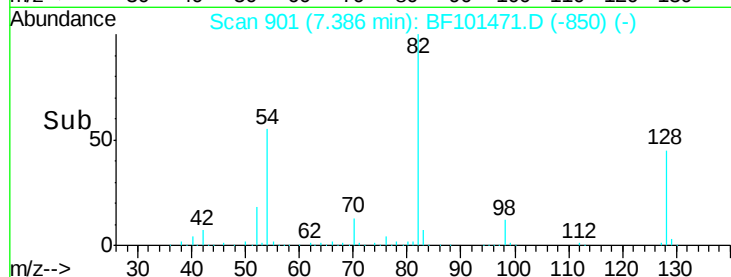
54 54.7 41.4 62.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

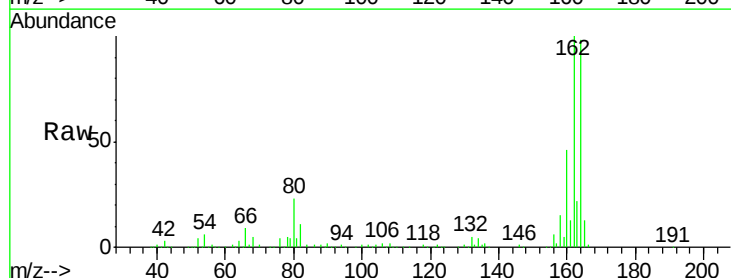
Tgt Ion: 164 Resp: 260008

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

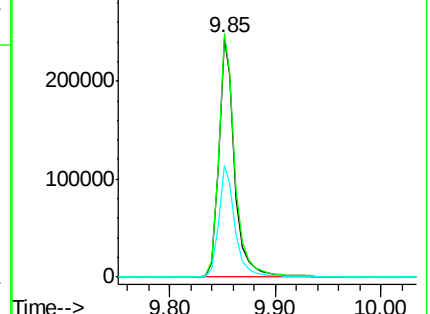
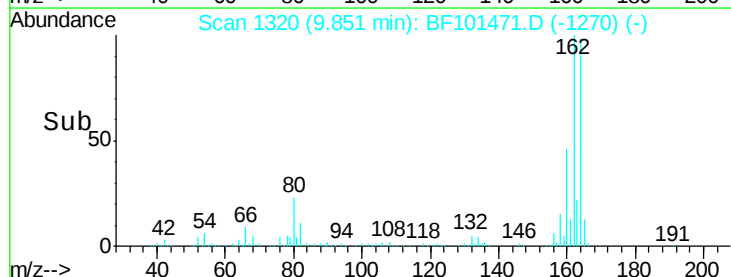
160 47.0 38.3 57.5

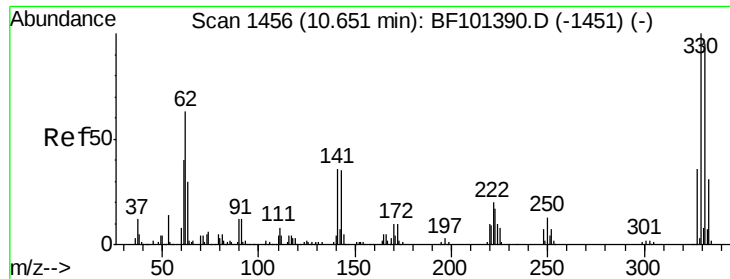


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

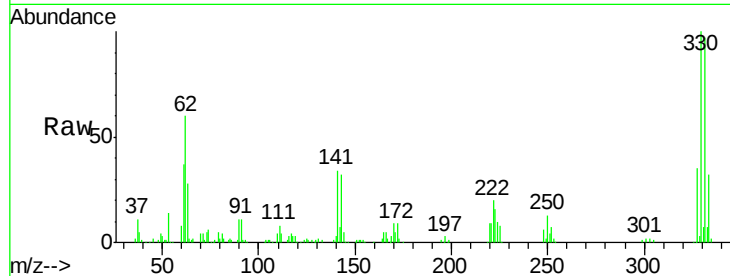




#41
 2,4,6-Tribromophenol
 Concen: 72.801 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF101471.D
 Acq: 16 Dec 2017 4:50

Instrument :
 BNA_F
 ClientSampleId :
 121117-FOPI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.8	29.9	44.9

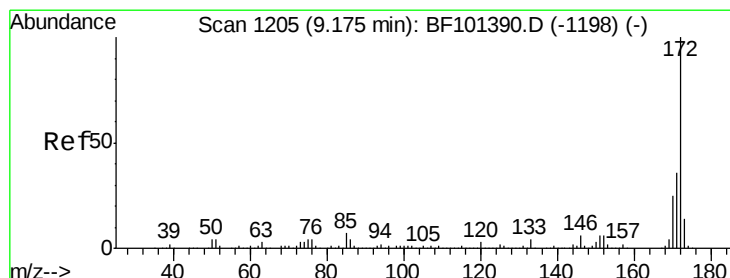
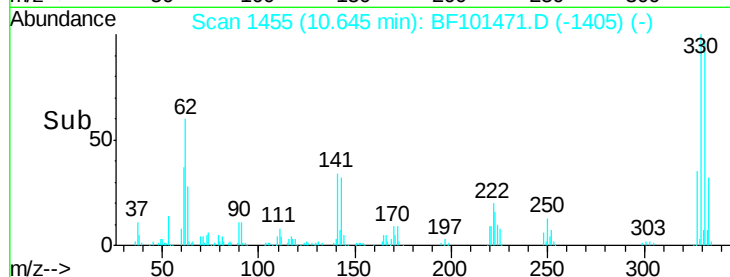
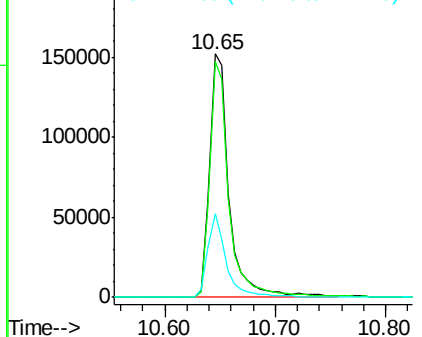


Abundance

Ion 329.80 (329.50 to 330.50): E

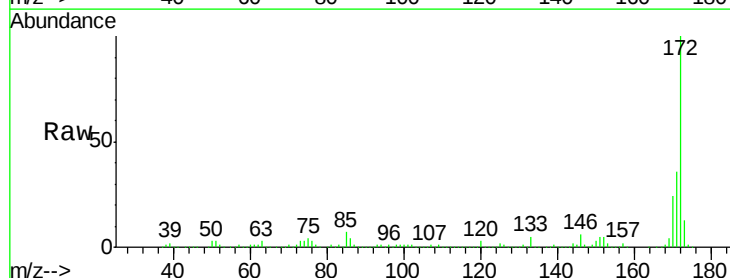
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.505 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101471.D
 Acq: 16 Dec 2017 4:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

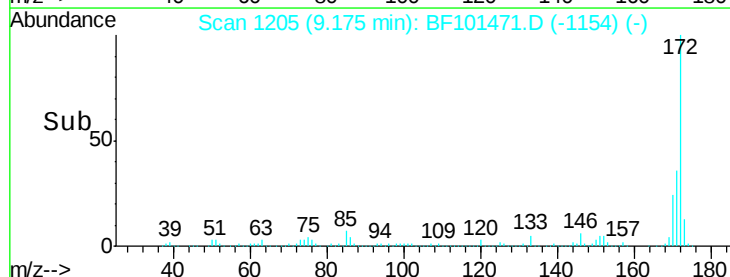
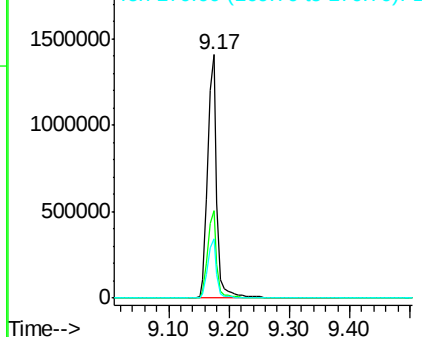


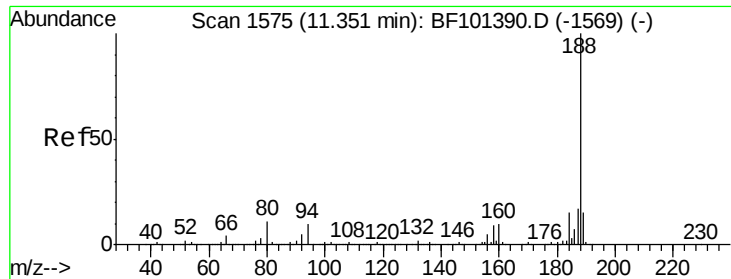
Abundance

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

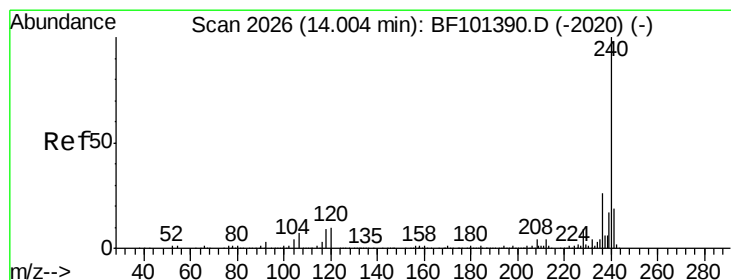
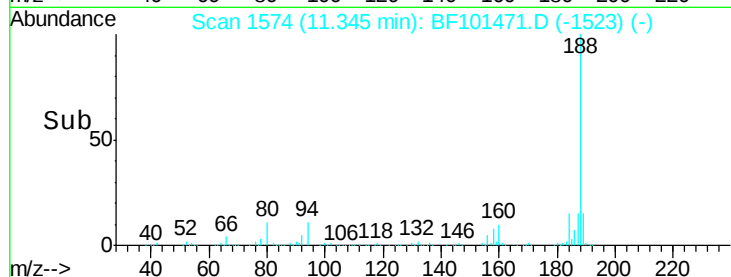
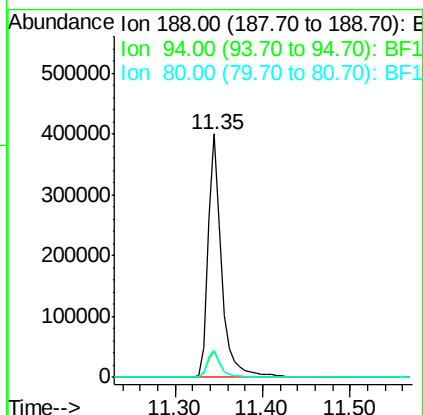
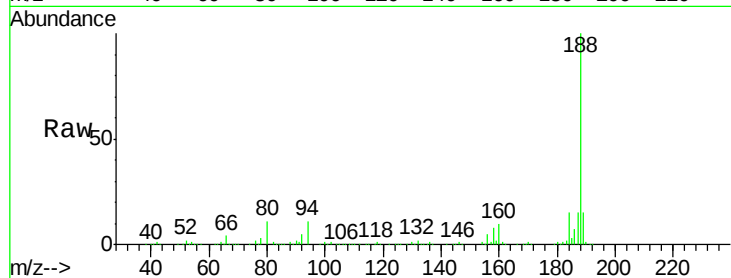




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

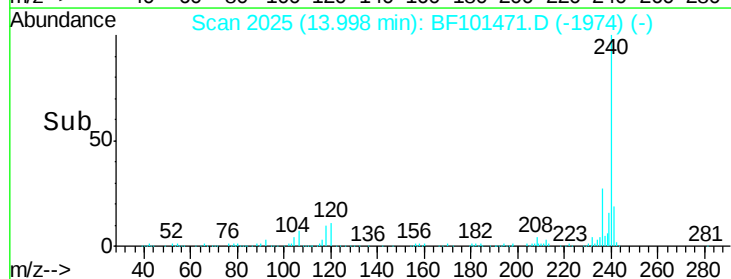
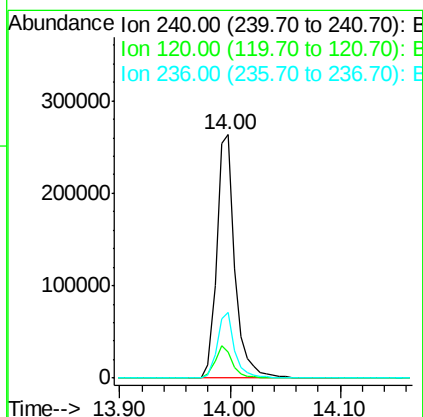
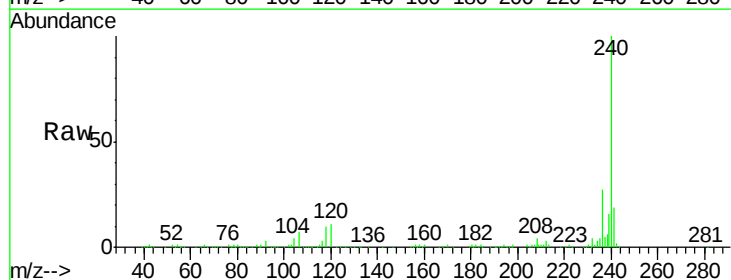
Instrument :
BNA_F
ClientSampleId :
121117-FOPI-E-U-M

Tgt Ion:188 Resp: 427807
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101471.D
Acq: 16 Dec 2017 4:50

Tgt Ion:240 Resp: 299939
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 27.2 20.7 31.1





#78

Terphenyl-d14

Concen: 85.143 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

Instrument :

BNA_F

ClientSampleId :

121117-FOPI-E-U-M

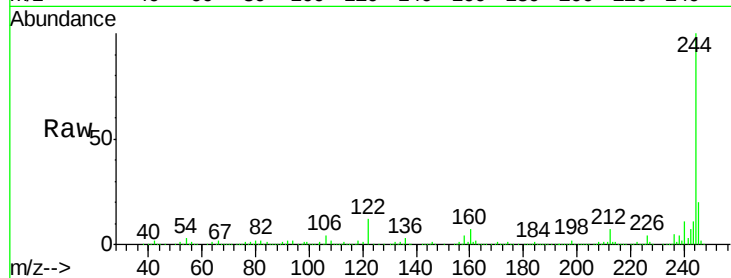
Tgt Ion:244 Resp: 1059312

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

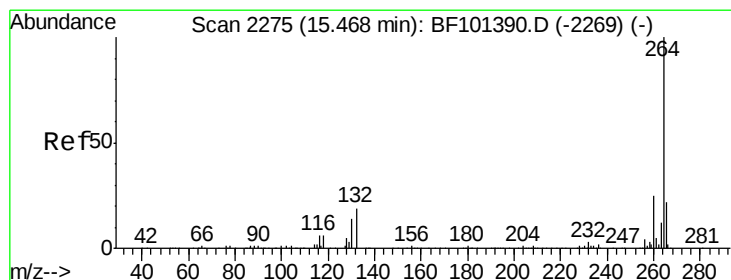
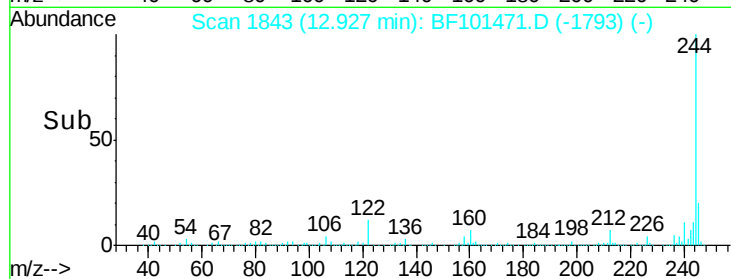
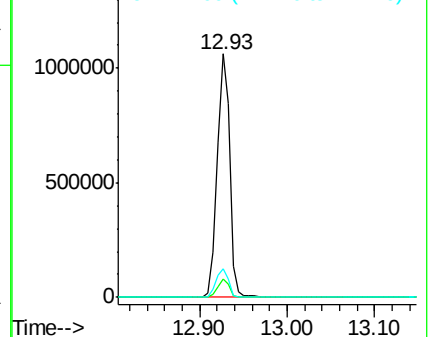
122 12.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF101471.D

Acq: 16 Dec 2017 4:50

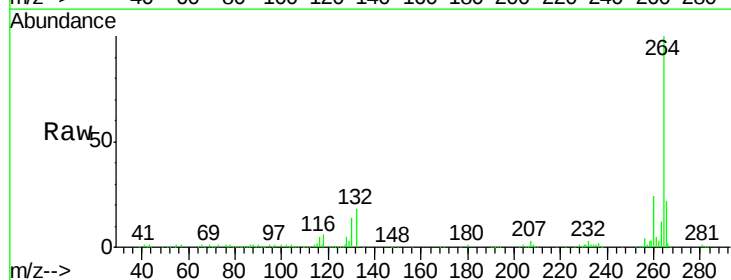
Tgt Ion:264 Resp: 267575

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 17.5 26.3



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

