

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101680.D
 Acq On : 23 Dec 2017 4:33
 Operator : SJ/JU
 Sample : I6971-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-D-M

Quant Time: Dec 23 05:48:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	178284	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	702302	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	297558	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	515297	20.00	ng	0.00
75) Chrysene-d12	13.96	240	353367	20.00	ng	0.00
86) Perylene-d12	15.43	264	320708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	551455	46.07	ng	0.00
7) Phenol-d6	6.43	99	441592	29.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	1111670	88.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	253670	88.47	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1656541	86.36	ng	0.00
78) Terphenyl-d14	12.90	244	1345599	91.80	ng	0.00

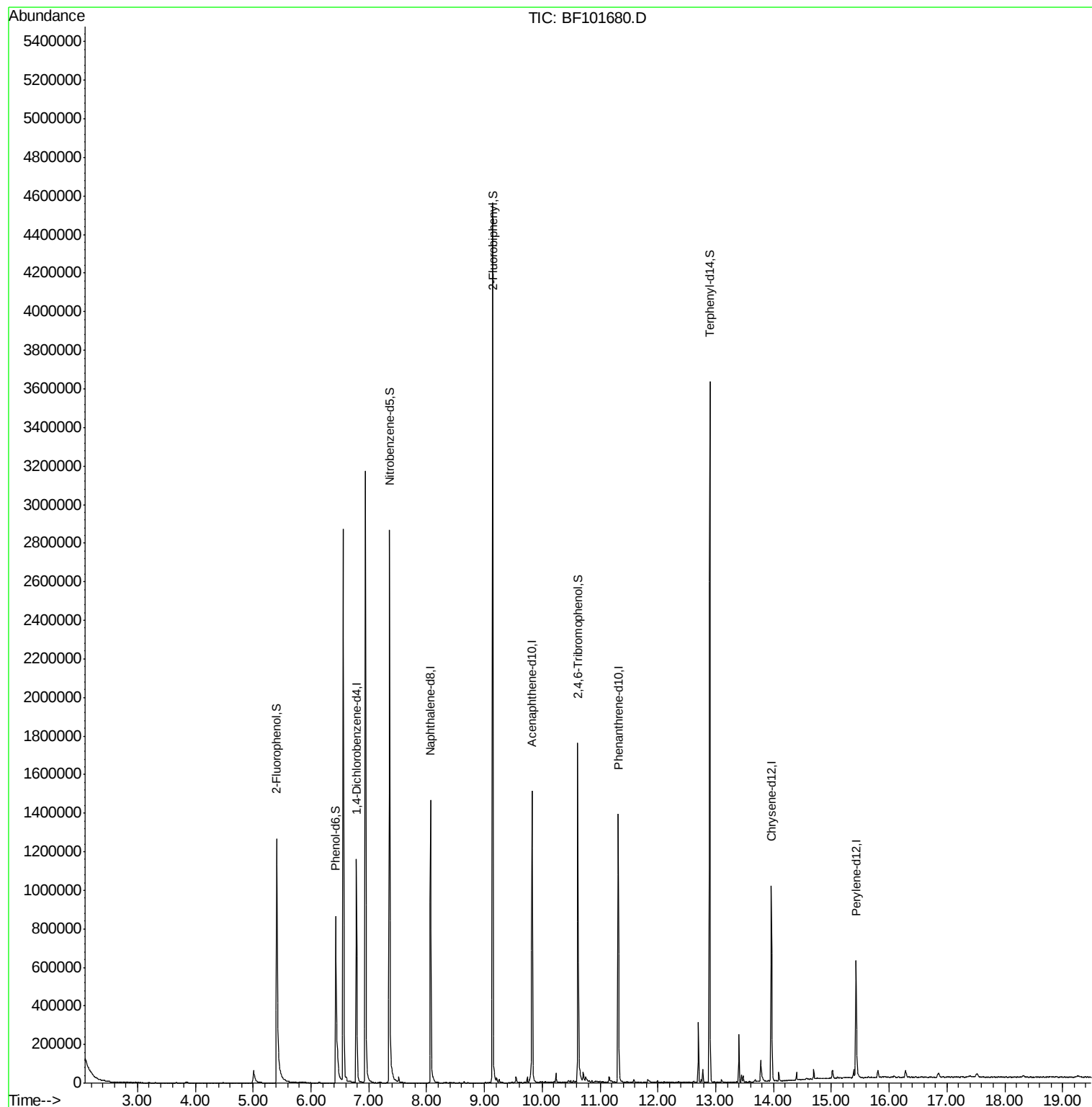
Target Compounds	Qvalue
------------------	--------

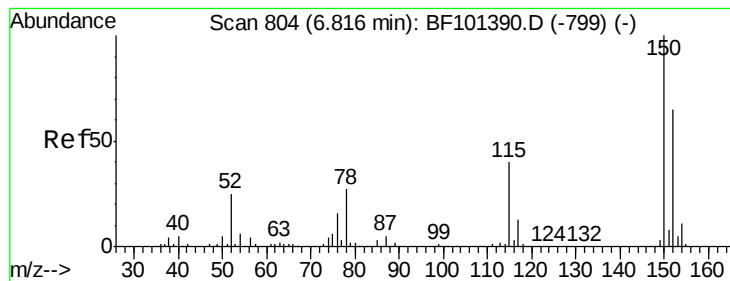
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101680.D
Acq On : 23 Dec 2017 4:33
Operator : SJ/JU
Sample : I6971-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-D-M

Quant Time: Dec 23 05:48:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration



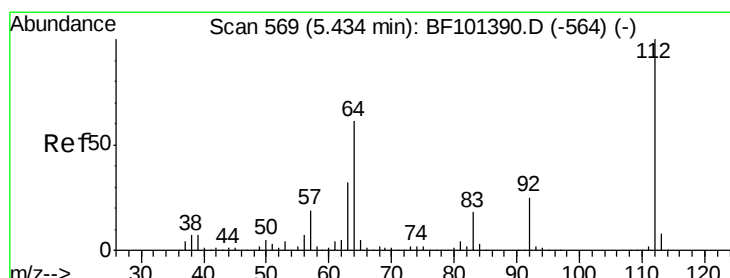
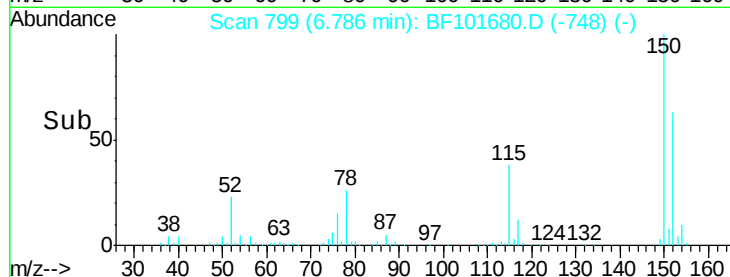
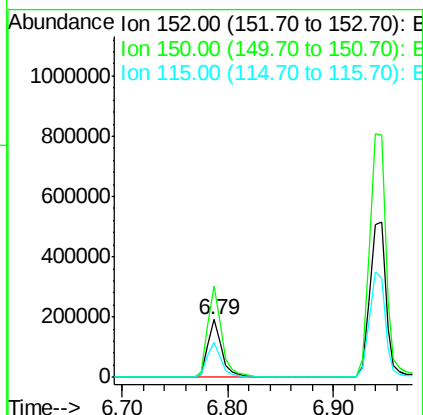
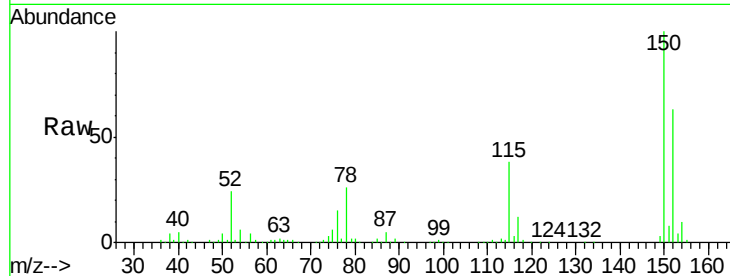


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-D-M

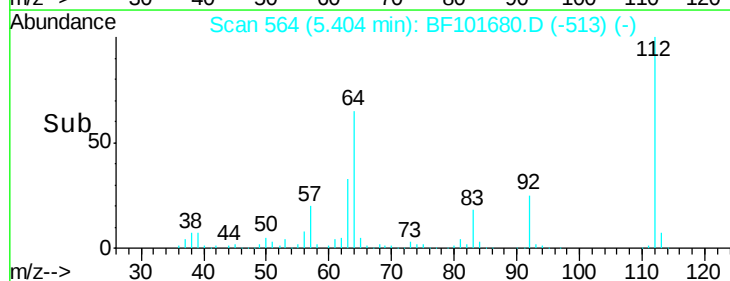
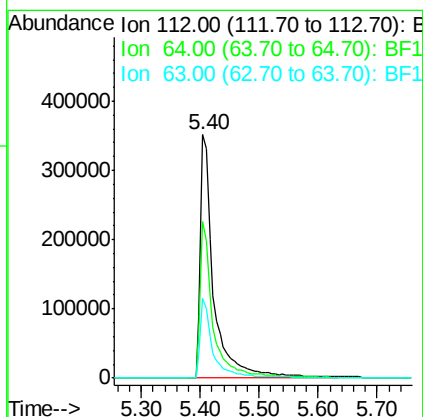
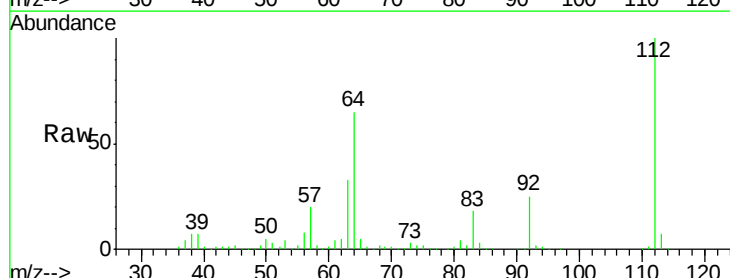
Tgt Ion:152 Resp: 178284
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 60.7 50.1 75.1

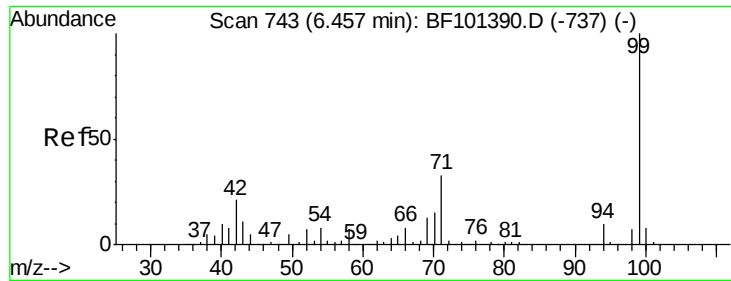


#5

2-Fluorophenol
Concen: 46.075 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101680.D
Acq: 23 Dec 2017 4:33

Tgt Ion:112 Resp: 551455
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 32.7 23.7 35.5





#7

Phenol-d6

Concen: 29.646 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-D-M

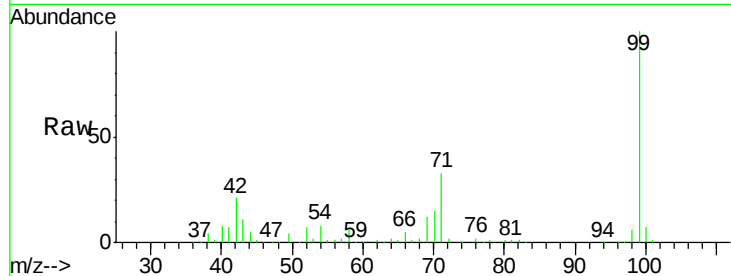
Tgt Ion: 99 Resp: 441592

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

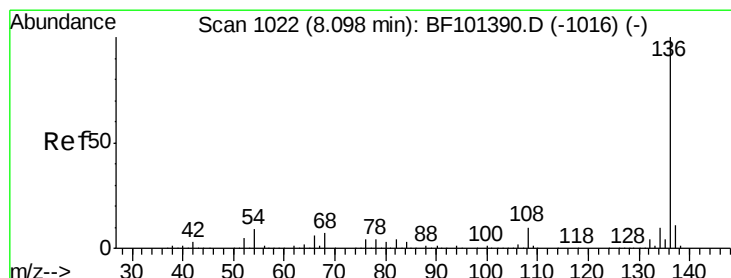
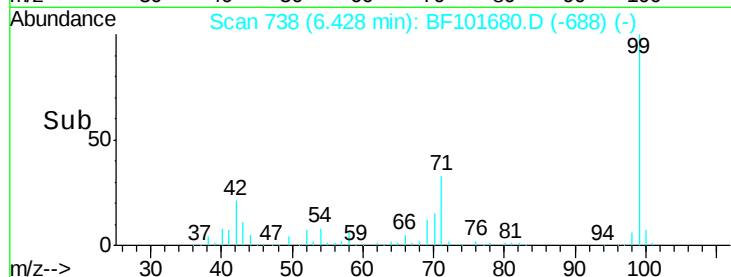
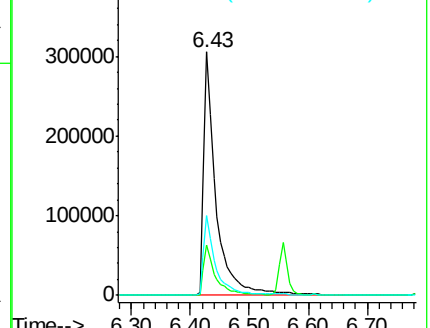
71 32.8 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

Tgt Ion: 136 Resp: 702302

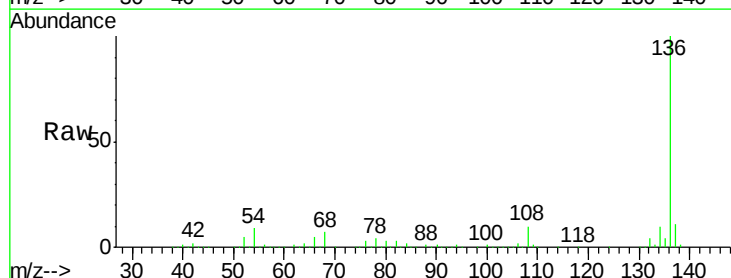
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.5 6.6 9.8

68 6.9 5.0 7.4

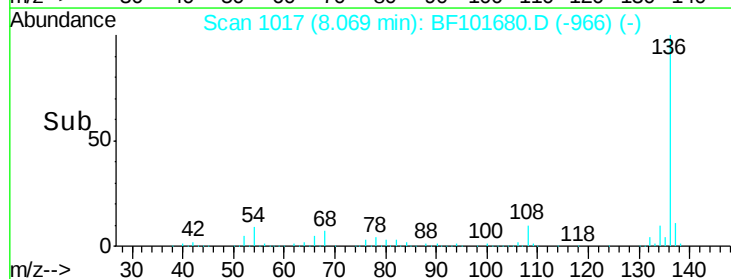
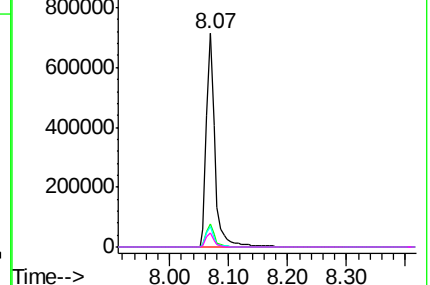


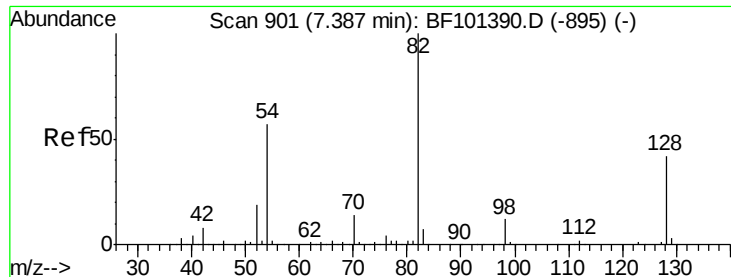
Abundance Ion 136.00 (135.70 to 136.70): E

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

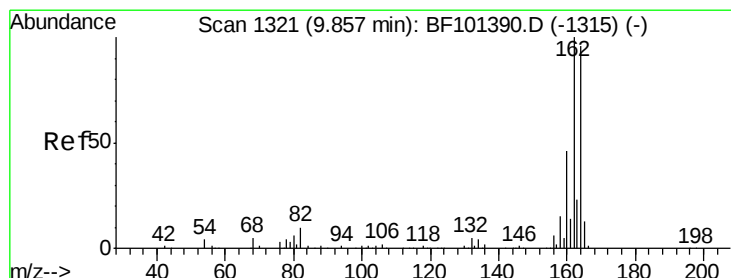
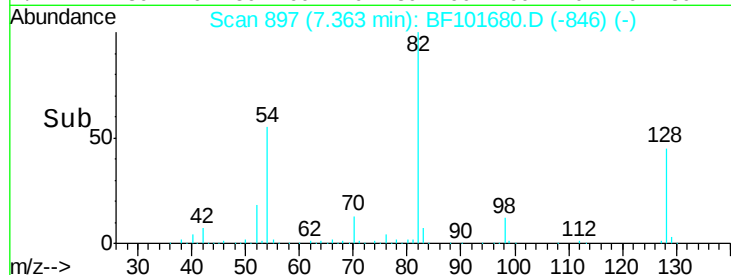
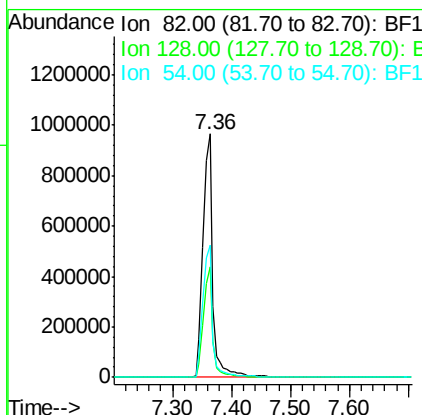
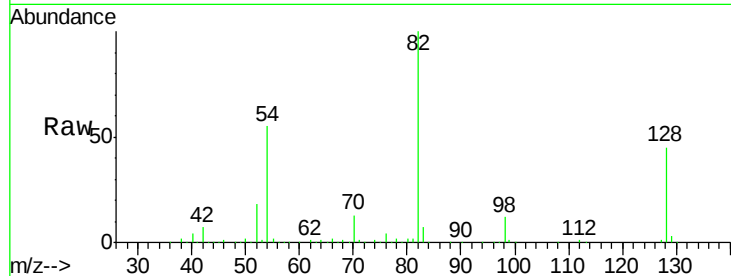




#23
 Nitrobenzene-d5
 Concen: 88.113 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF101680.D
 Acq: 23 Dec 2017 4:33

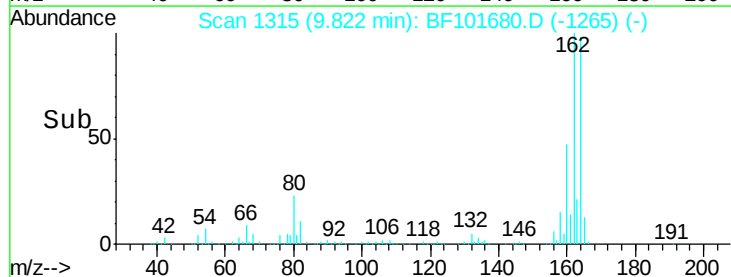
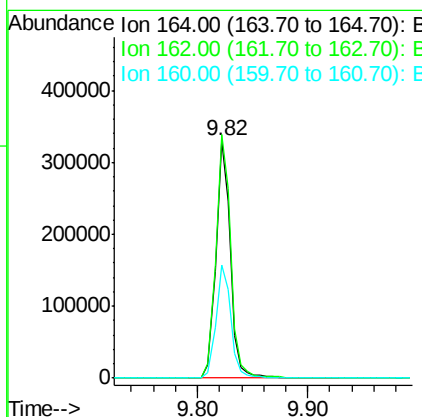
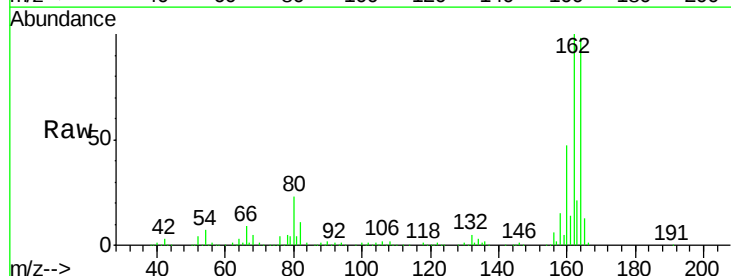
Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-D-M

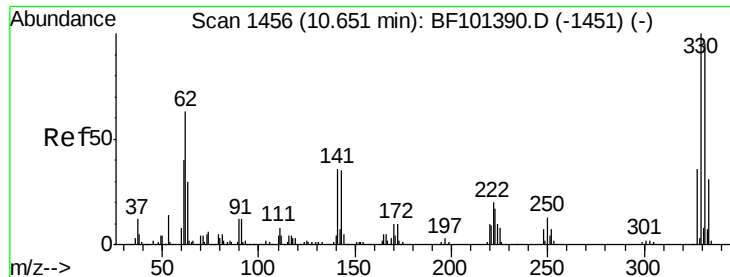
Tgt Ion: 82 Resp: 1111670
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 54.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101680.D
 Acq: 23 Dec 2017 4:33

Tgt Ion: 164 Resp: 297558
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 47.8 38.3 57.5

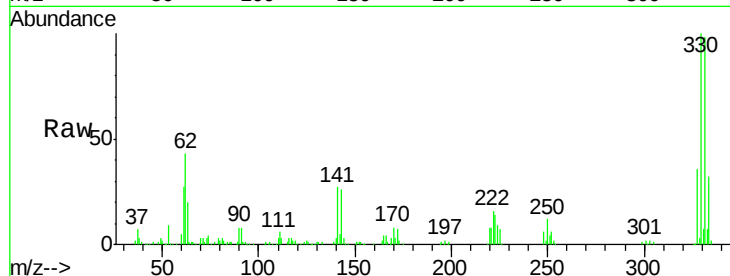




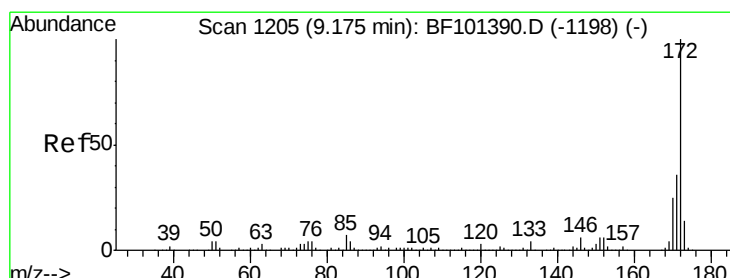
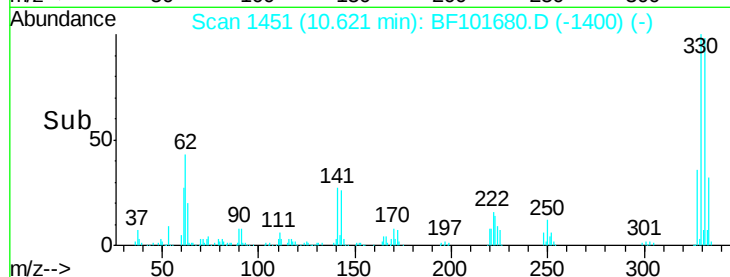
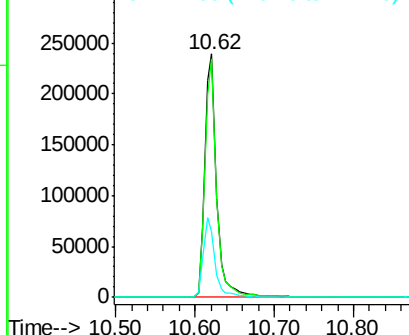
#41
 2,4,6-Tribromophenol
 Concen: 88.473 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101680.D
 Acq: 23 Dec 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-D-M

Tgt Ion:330 Resp: 253670
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.0 29.9 44.9

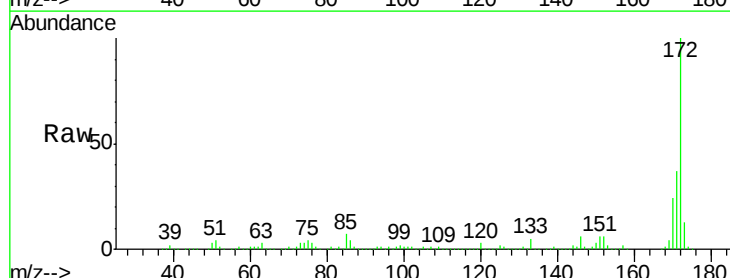


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

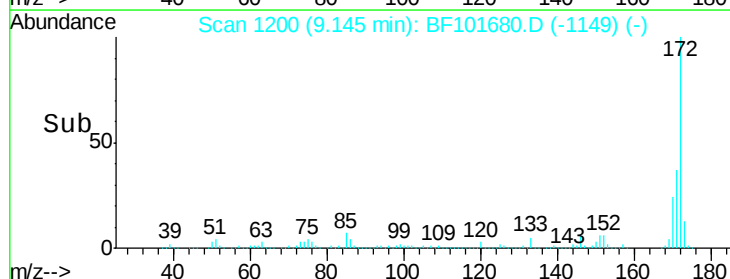
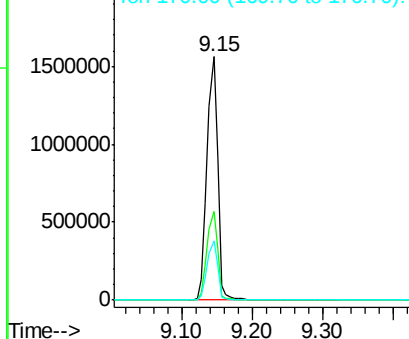


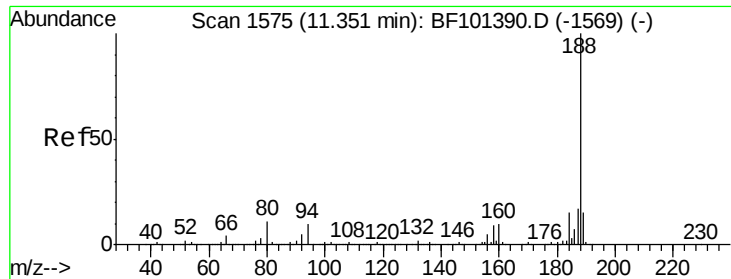
#44
 2-Fluorobiphenyl
 Concen: 86.359 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101680.D
 Acq: 23 Dec 2017 4:33

Tgt Ion:172 Resp: 1656541
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.3 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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-D-M

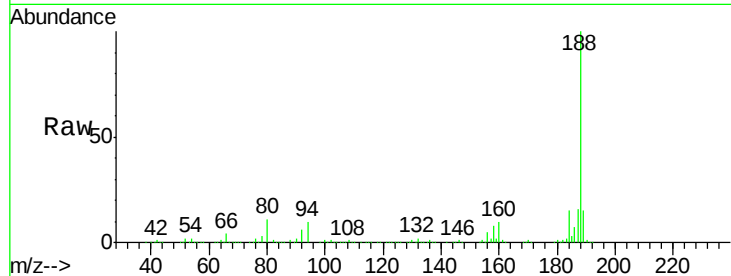
Tgt Ion:188 Resp: 515297

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

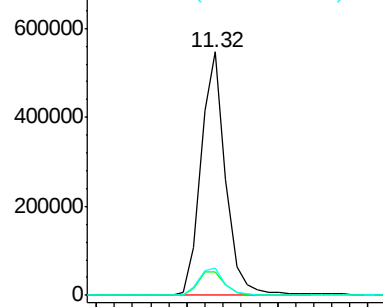
80 11.2 9.2 13.8



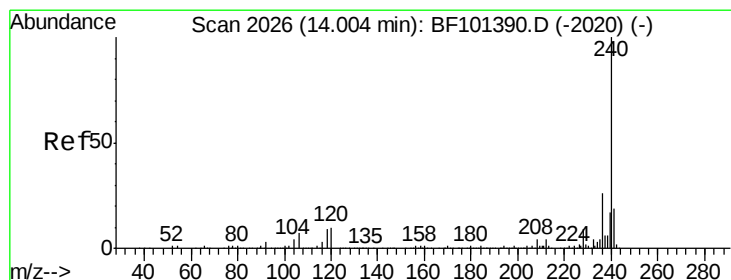
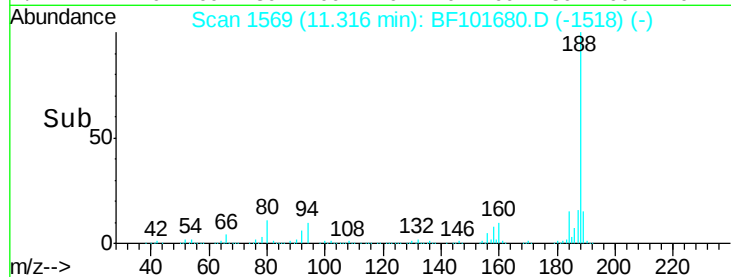
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.25 11.30 11.35



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

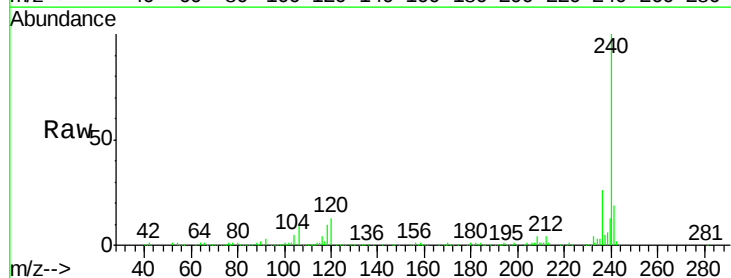
Tgt Ion:240 Resp: 353367

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

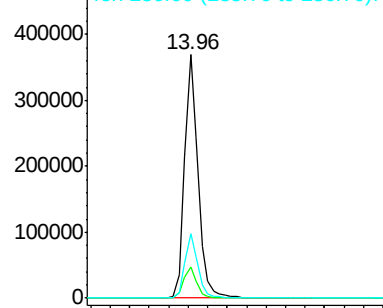
236 26.3 20.7 31.1



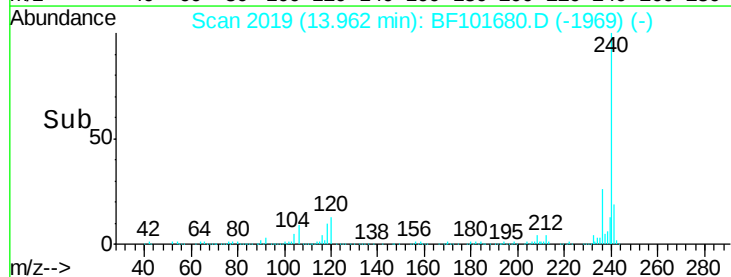
Abundance Ion 240.00 (239.70 to 240.70): E

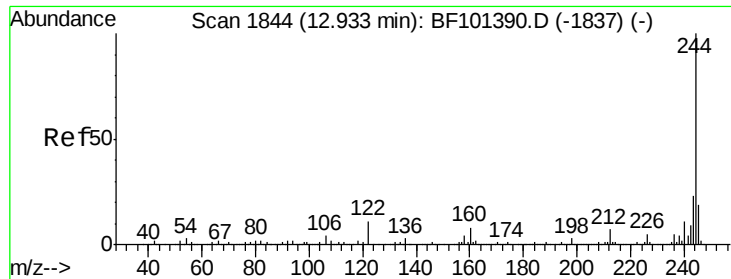
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10





#78

Terphenyl-d14

Concen: 91.801 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-D-M

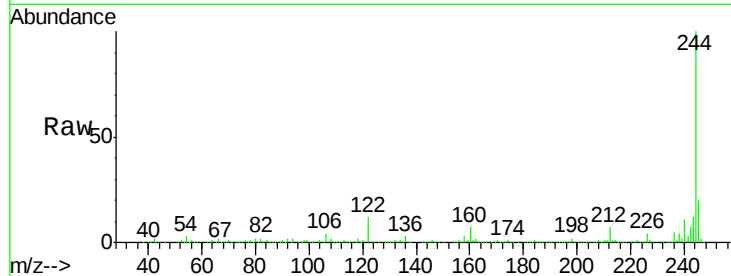
Tgt Ion:244 Resp: 1345599

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

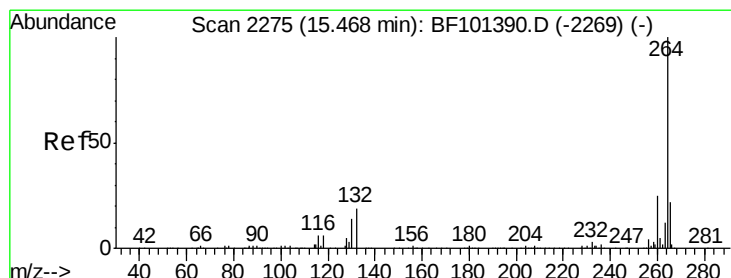
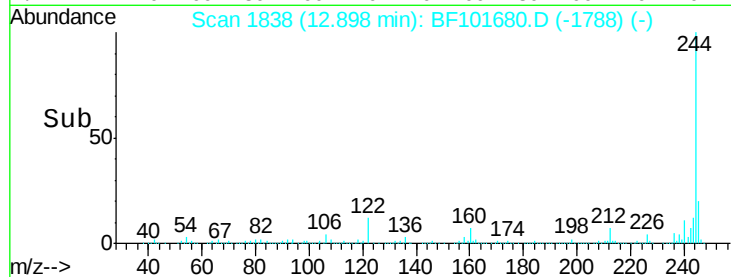
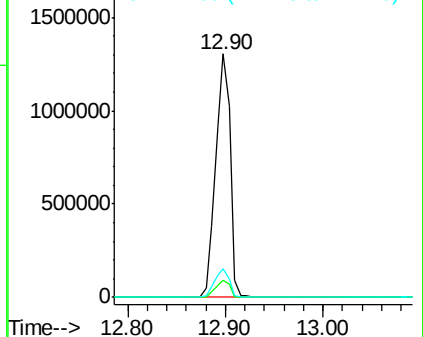
122 11.6 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101680.D

Acq: 23 Dec 2017 4:33

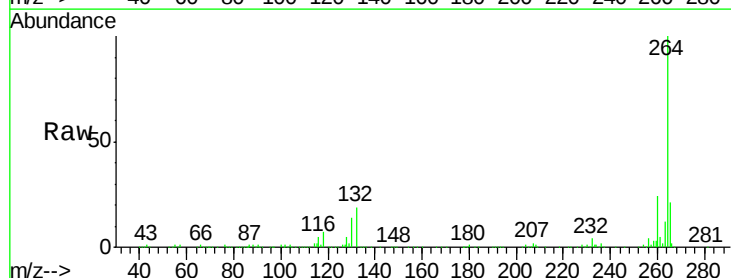
Tgt Ion:264 Resp: 320708

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.9 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

