

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101630.D
 Acq On : 22 Dec 2017 3:07
 Operator : SJ/JU
 Sample : I6971-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-U-S

Quant Time: Dec 22 06:04:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	142696	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	538972	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	209781	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	311860	20.00	ng	0.00
75) Chrysene-d12	13.97	240	296278	20.00	ng	0.00
86) Perylene-d12	15.43	264	242479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	382487	39.93	ng	0.00
7) Phenol-d6	6.44	99	294973	24.74	ng	0.00
23) Nitrobenzene-d5	7.37	82	826324	85.34	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	134561	66.57	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1267550	93.73	ng	0.00
78) Terphenyl-d14	12.90	244	865461	70.42	ng	0.00

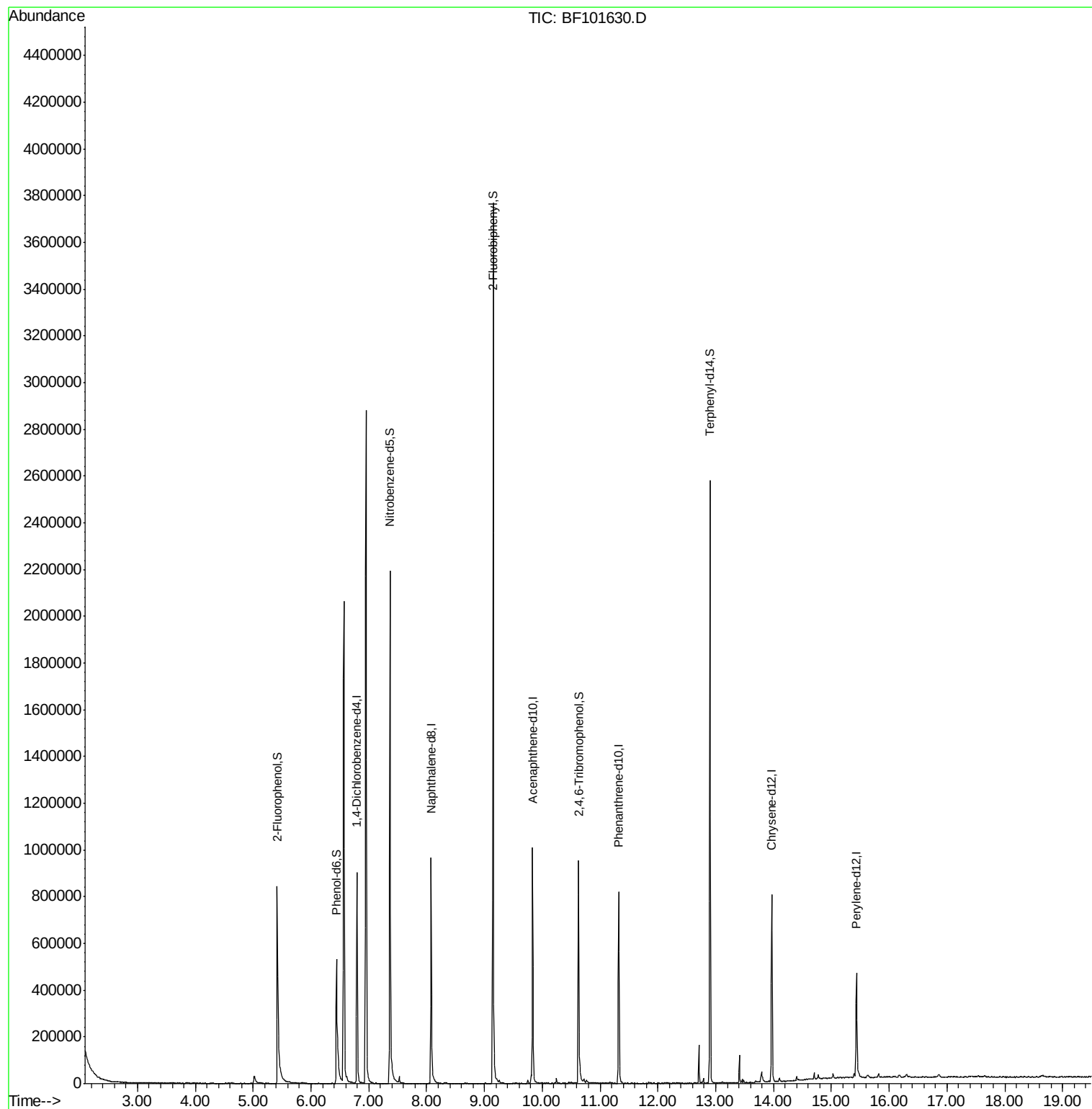
Target Compounds Qvalue

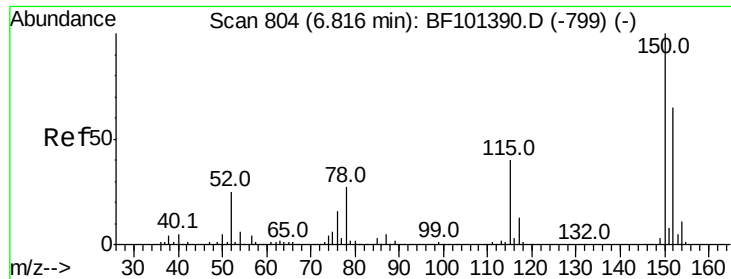
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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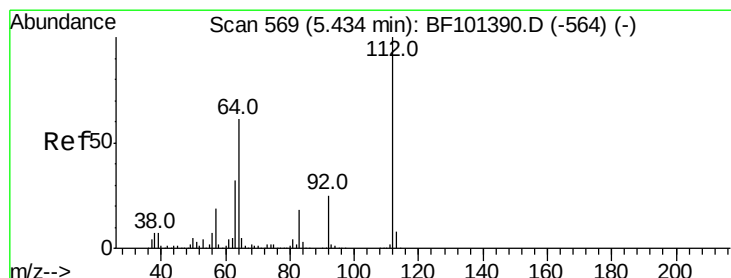
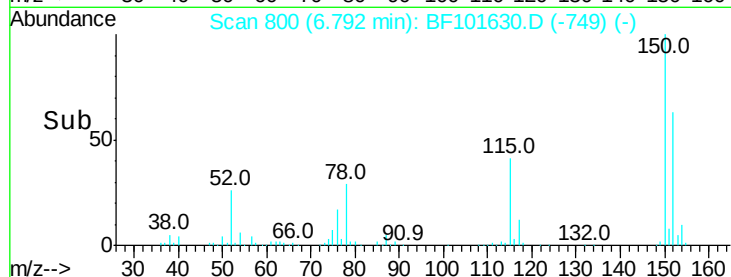
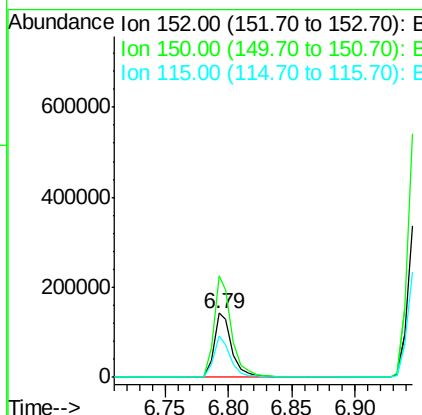
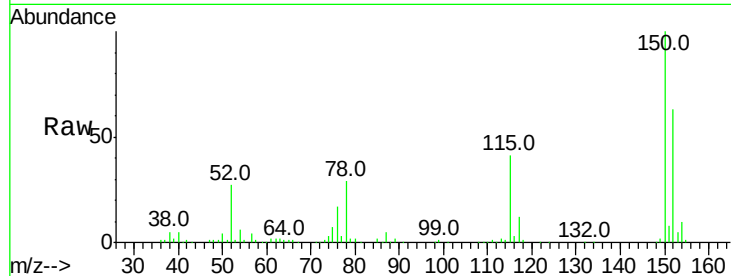


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101630.D
Acq: 22 Dec 2017 3:07

Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-U-S

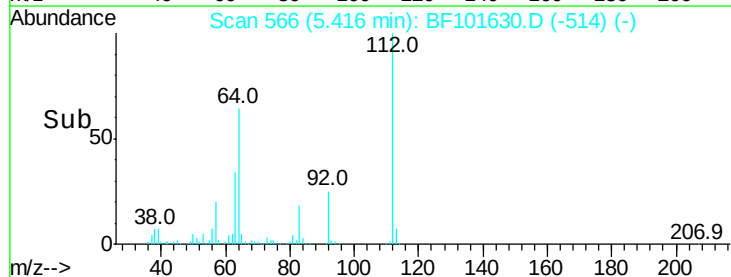
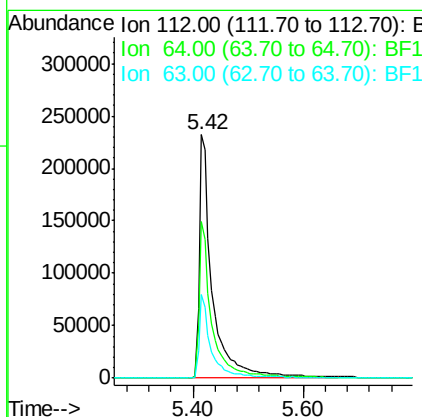
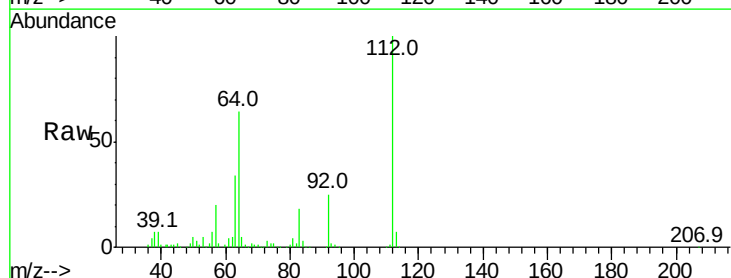
Tot Ion:152 Resp: 142696
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 65.0 50.1 75.1

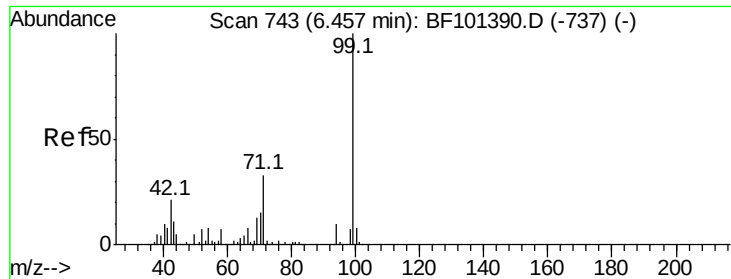


#5

2-Fluorophenol
Concen: 39.927 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101630.D
Acq: 22 Dec 2017 3:07

Tgt Ion:112 Resp: 382487
Ion Ratio Lower Upper
112 100
64 64.3 47.9 71.9
63 34.3 23.7 35.5





#7

Phenol-d6

Concen: 24.741 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101630.D

Acq: 22 Dec 2017 3:07

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-U-S

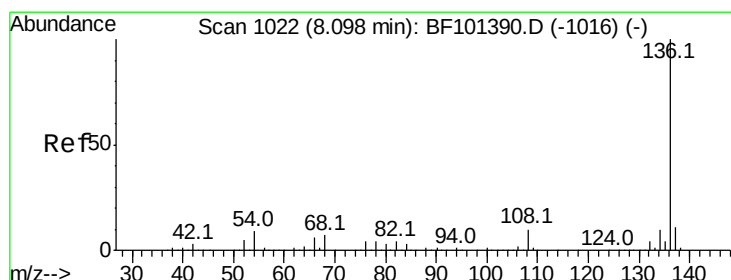
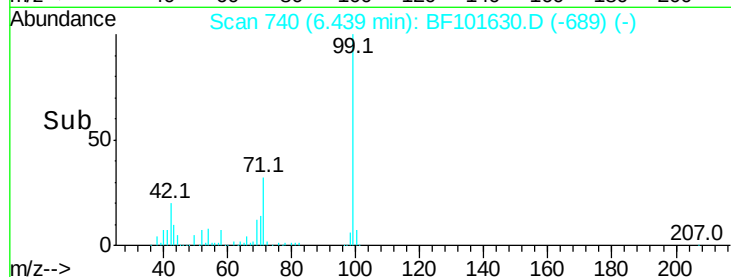
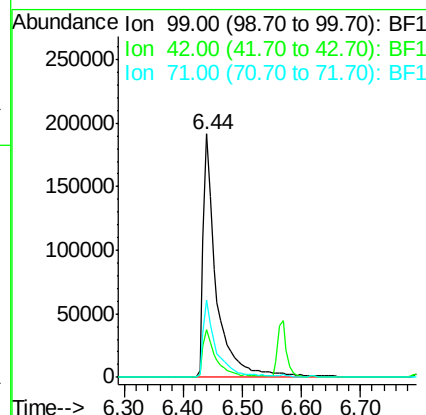
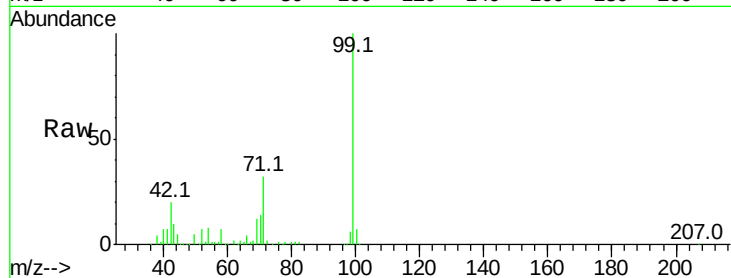
Tot Ion: 99 Resp: 294973

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 31.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101630.D

Acq: 22 Dec 2017 3:07

Tgt Ion: 136 Resp: 538972

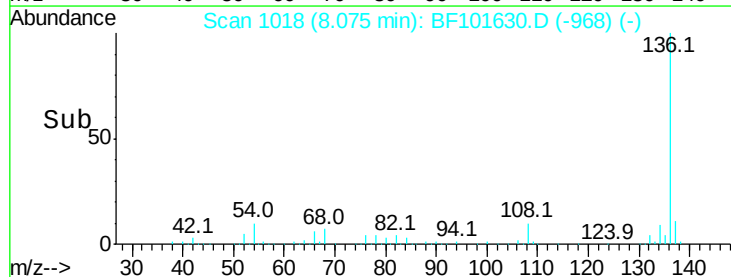
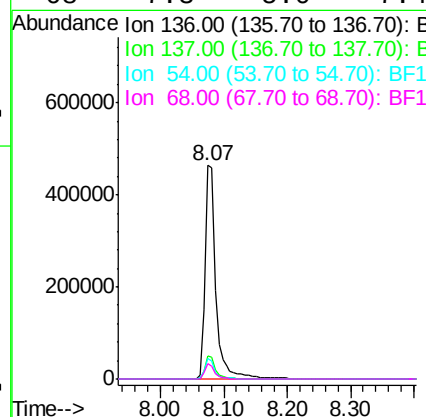
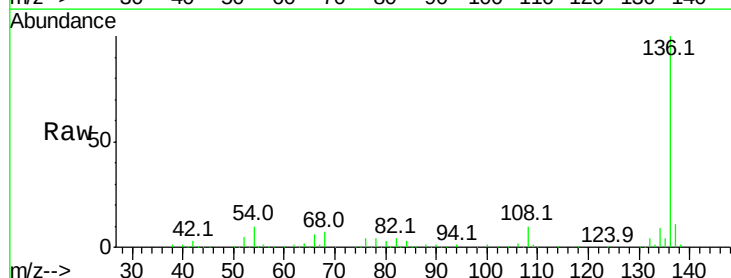
Ion Ratio Lower Upper

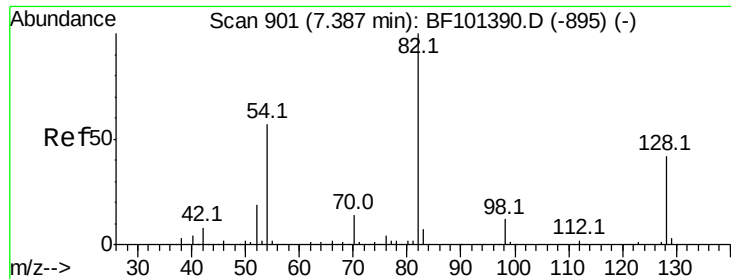
136 100

137 11.1 8.9 13.3

54 9.7 6.6 9.8

68 7.3 5.0 7.4

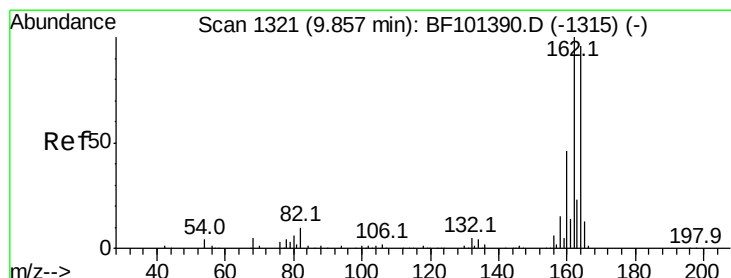
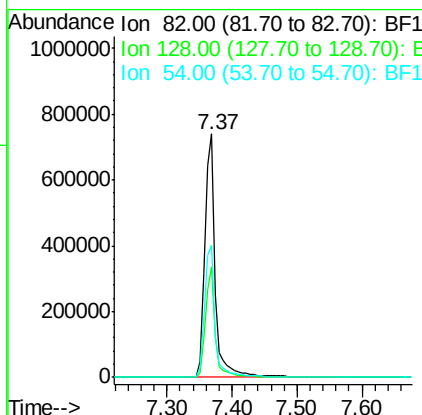
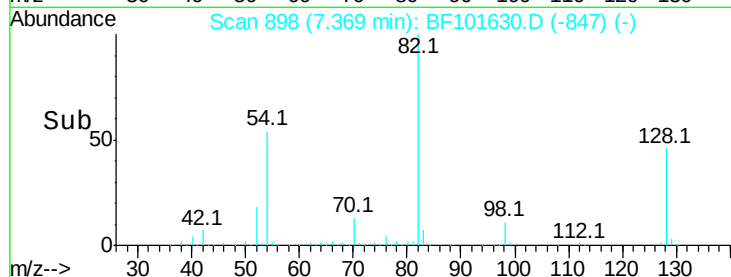
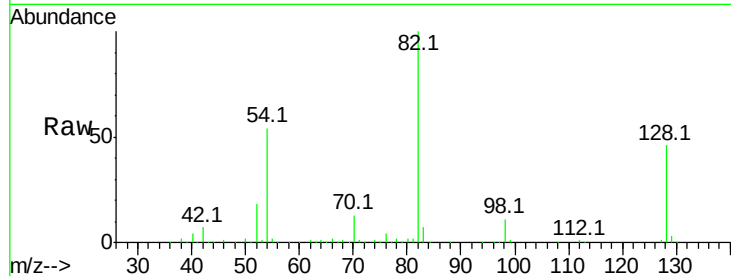




#23
Nitrobenzene-d5
Concen: 85.344 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF101630.D
Acq: 22 Dec 2017 3:07

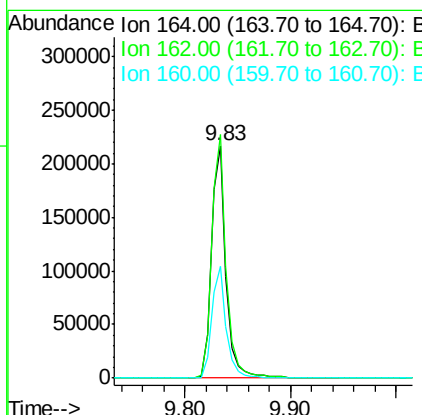
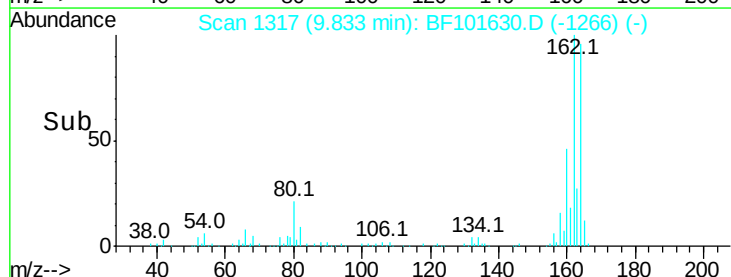
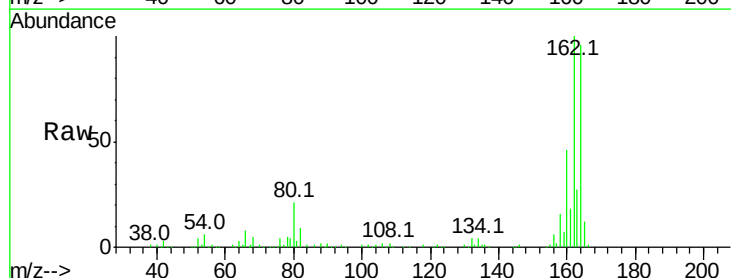
Instrument :
BNA_F
ClientSampleId :
121517-TIFR-E-U-S

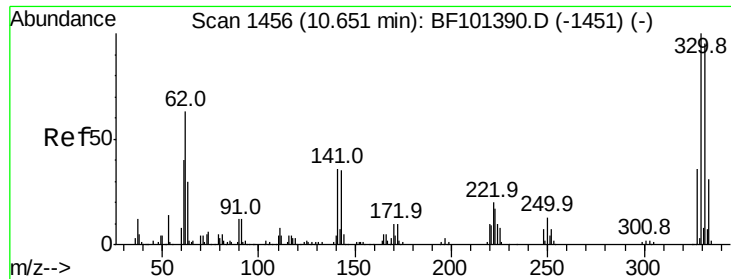
Tot Ion: 82 Resp: 826324
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 54.5 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101630.D
Acq: 22 Dec 2017 3:07

Tgt Ion:164 Resp: 209781
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 48.1 38.3 57.5

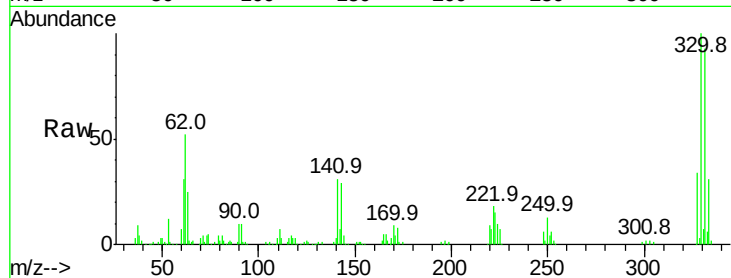




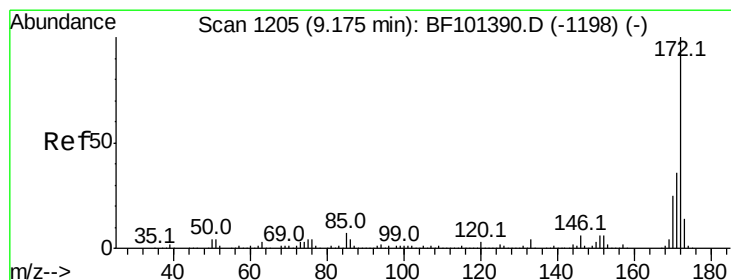
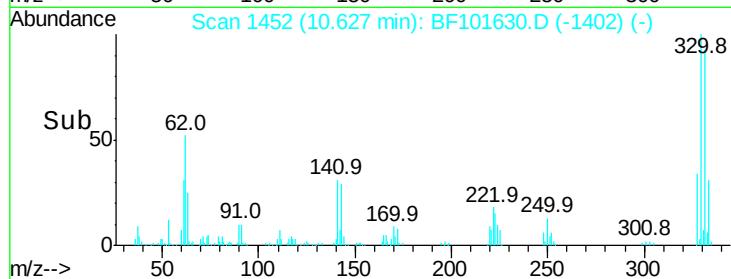
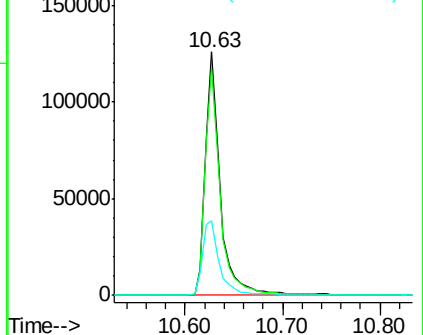
#41
 2,4,6-Tribromophenol
 Concen: 66.568 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101630.D
 Acq: 22 Dec 2017 3:07

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-U-S

Tot Ion:330 Resp: 134561
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 35.4 29.9 44.9

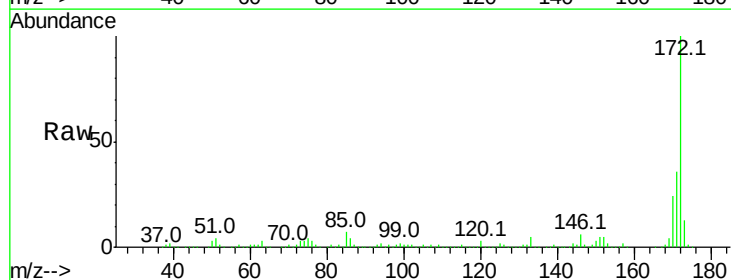


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

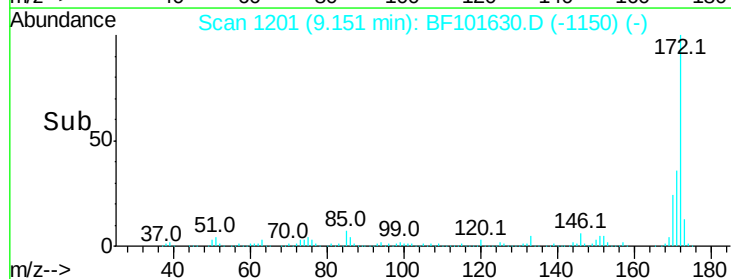
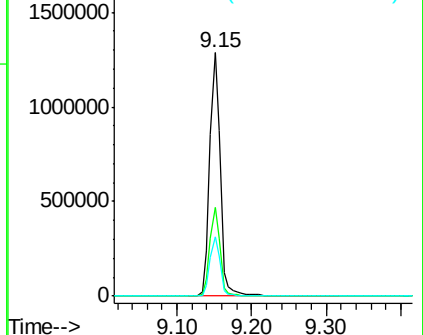


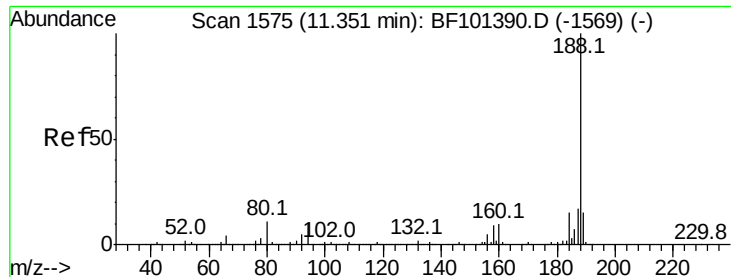
#44
 2-Fluorobiphenyl
 Concen: 93.730 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101630.D
 Acq: 22 Dec 2017 3:07

Tgt Ion:172 Resp: 1267550
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.4 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# 1570

Delta R.T. -0.01 min

Lab File: BF101630.D

Acq: 22 Dec 2017 3:07

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-U-S

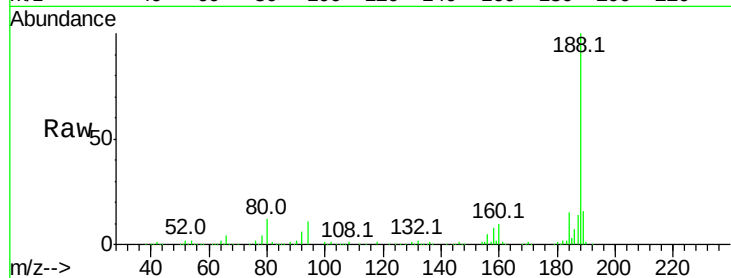
Tot Ion:188 Resp: 311860

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

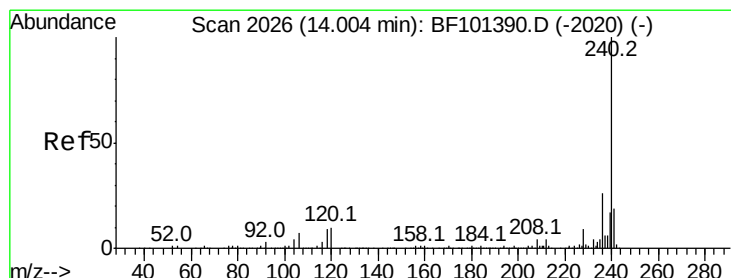
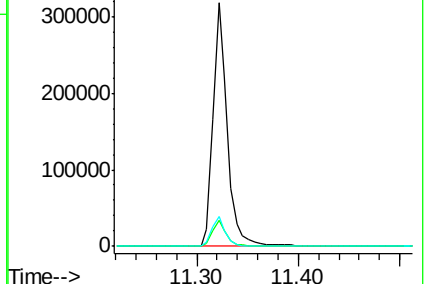
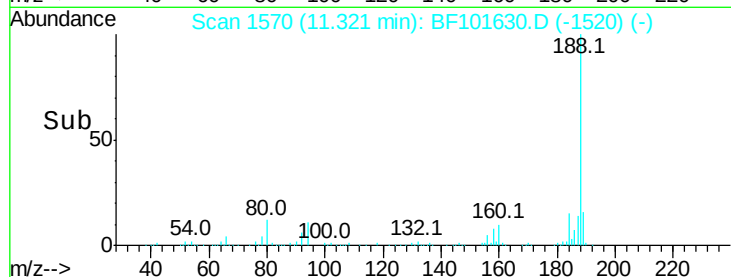
80 12.3 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101630.D

Acq: 22 Dec 2017 3:07

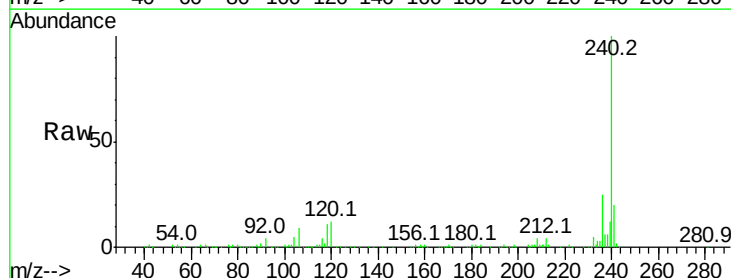
Tgt Ion:240 Resp: 296278

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

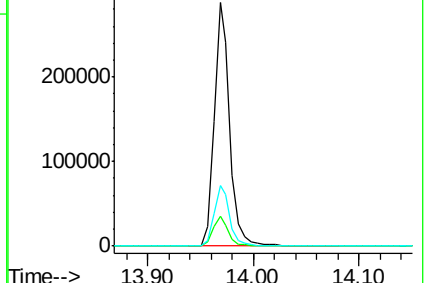
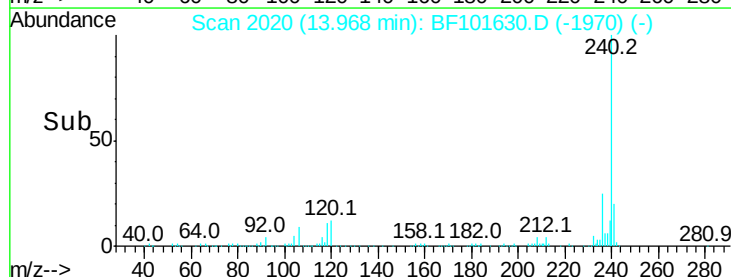
236 25.1 20.7 31.1

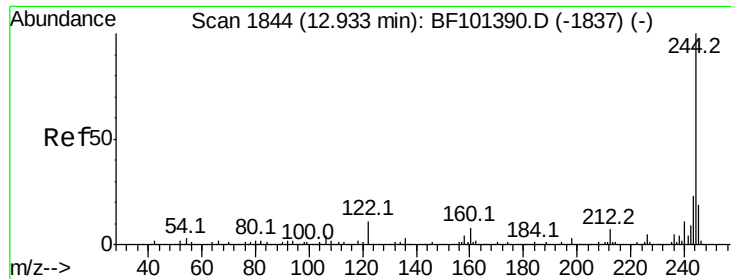


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.421 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101630.D

Acq: 22 Dec 2017 3:07

Instrument :

BNA_F

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121517-TIFR-E-U-S

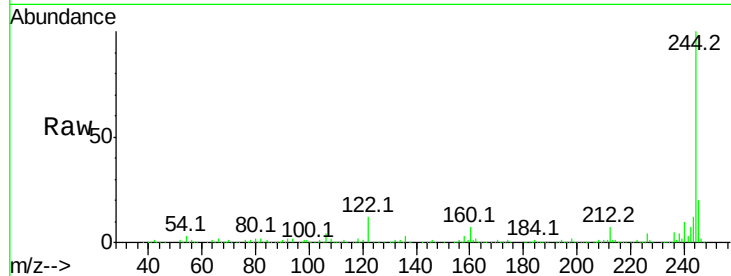
Tot Ion:244 Resp: 865461

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

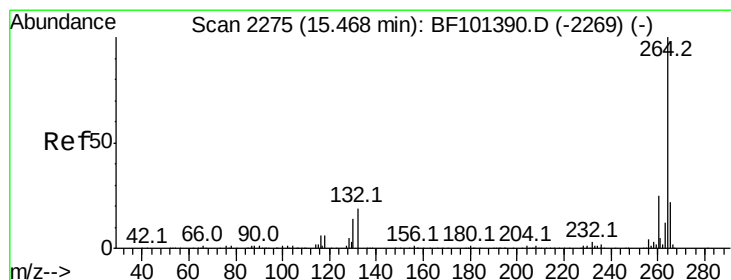
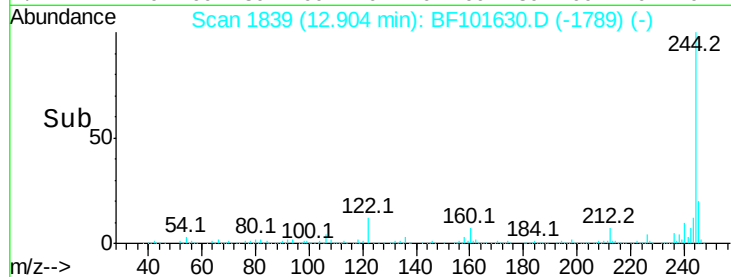
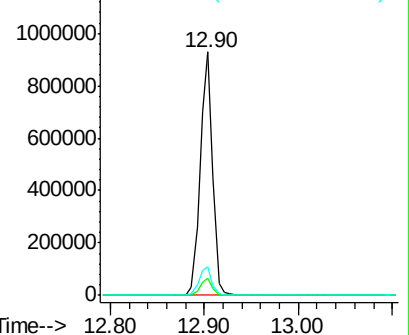
122 11.9 11.0 16.4



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# 2269

Delta R.T. -0.00 min

Lab File: BF101630.D

Acq: 22 Dec 2017 3:07

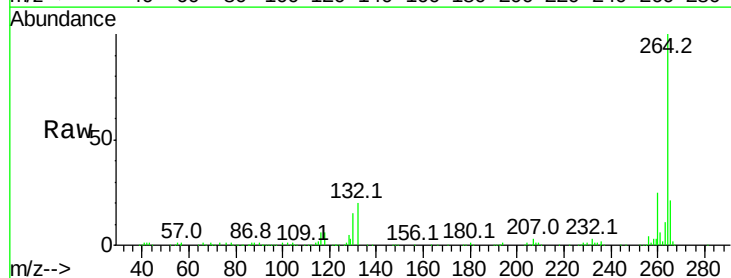
Tgt Ion:264 Resp: 242479

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.3 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

