

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101377.D
 Acq On : 13 Dec 2017 21:34
 Operator : SJ/JU
 Sample : I6816-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 120717-TIFR-F-U-B

Quant Time: Dec 14 02:08:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

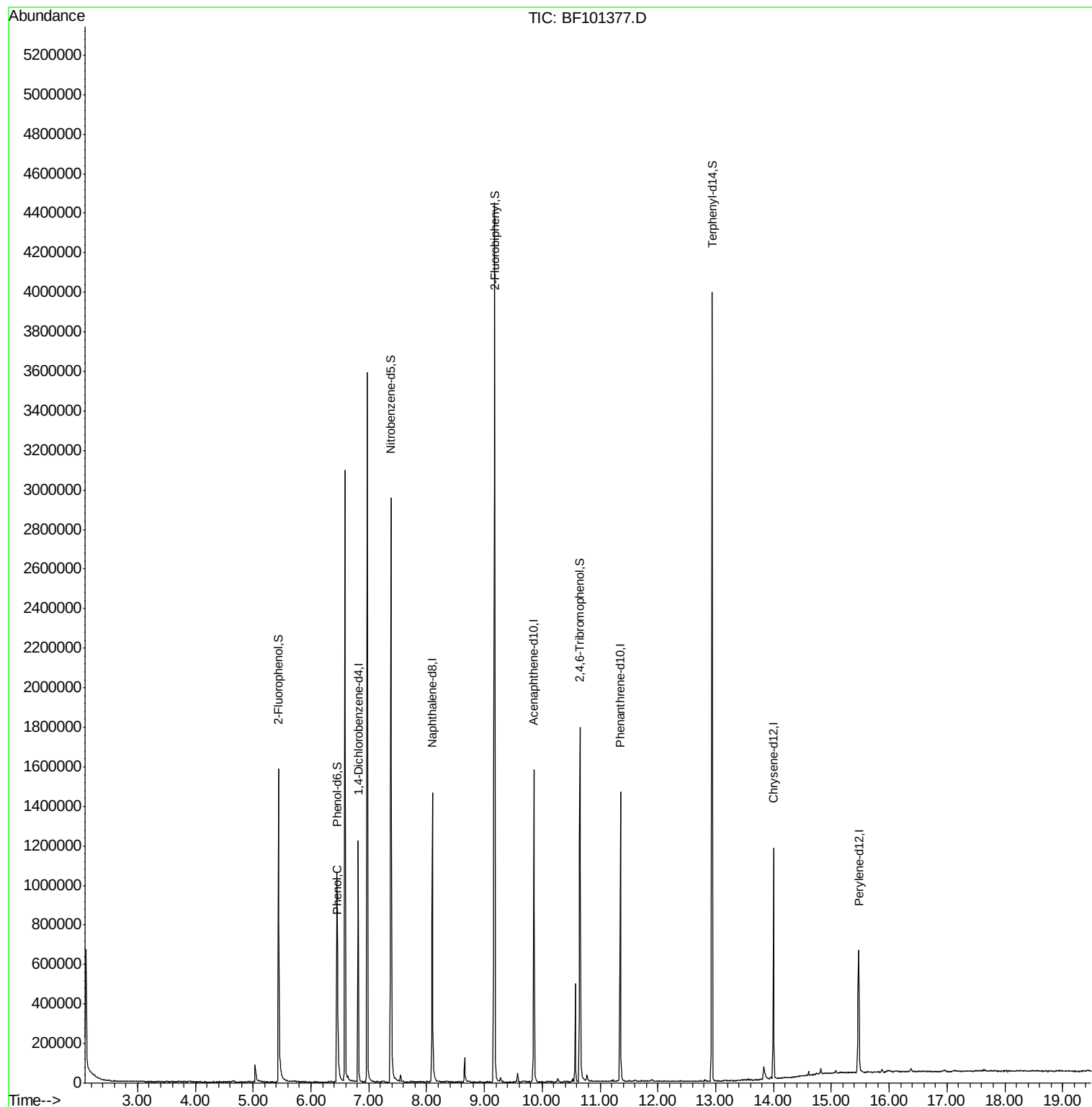
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	172522	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	698573	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	310262	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	576816	20.00	ng	0.00
75) Chrysene-d12	14.00	240	386978	20.00	ng	0.00
86) Perylene-d12	15.47	264	316103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	521818	49.98	ng	0.00
7) Phenol-d6	6.45	99	429216	33.86	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1092954	93.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	213588	57.31	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1781047	78.54	ng	-0.01
78) Terphenyl-d14	12.94	244	1559211	88.13	ng	0.00
Target Compounds						
10) Phenol	6.46	94	30441	2.160	ng	Qvalue # 75

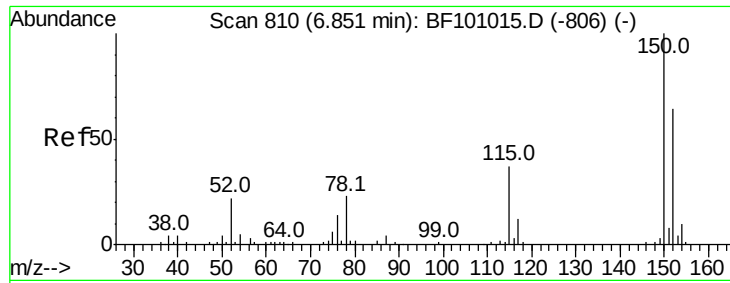
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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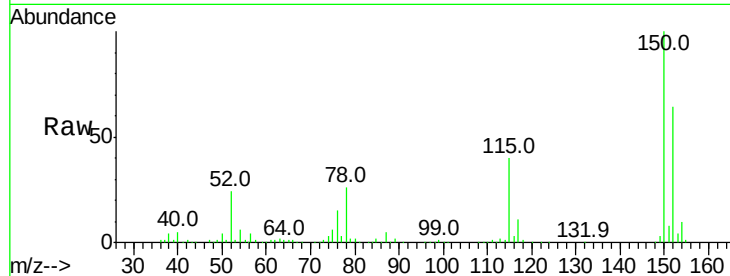


#1

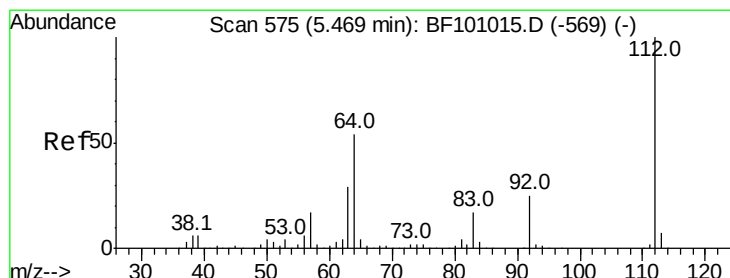
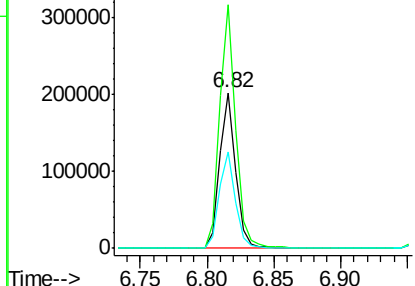
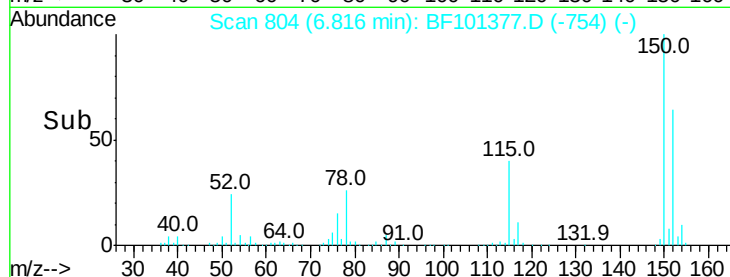
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101377.D
Acq: 13 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
120717-TIFR-F-U-B

Tot Ion:152 Resp: 172522
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 62.1 50.1 75.1



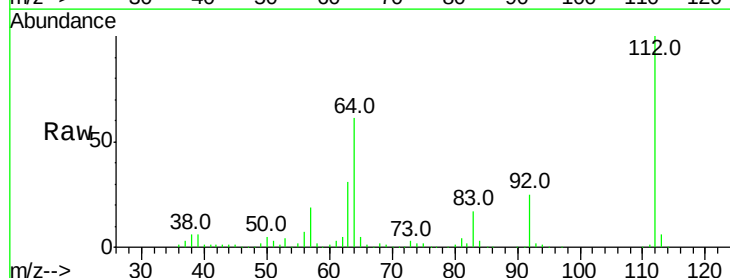
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



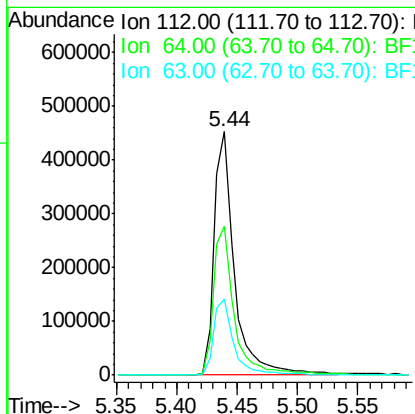
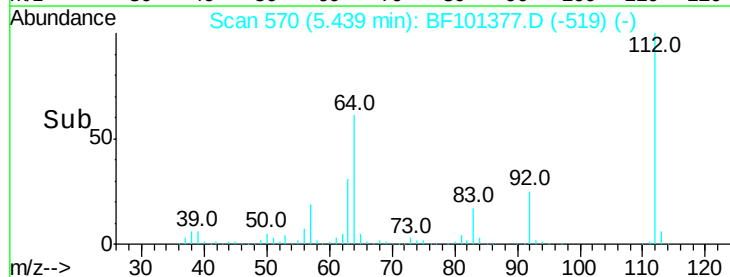
#5

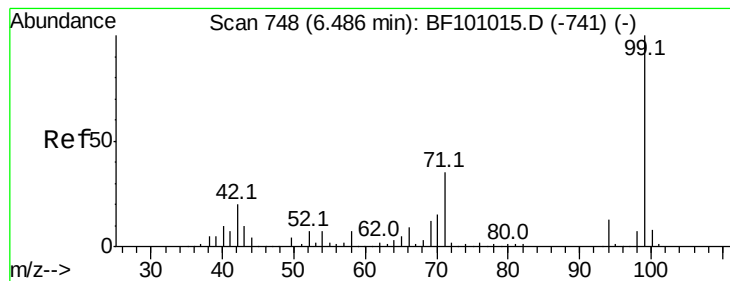
2-Fluorophenol
Concen: 49.981 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101377.D
Acq: 13 Dec 2017 21:34

Tgt Ion:112 Resp: 521818
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 31.0 23.7 35.5



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: 33.861 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101377.D

Acq: 13 Dec 2017 21:34

Instrument :

BNA_F

ClientSampleId :

120717-TIFR-F-U-B

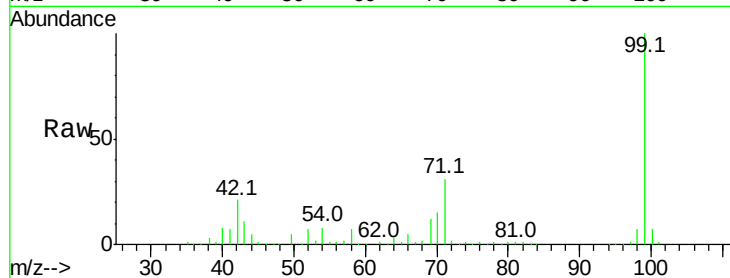
Tot Ion: 99 Resp: 429216

Ion Ratio Lower Upper

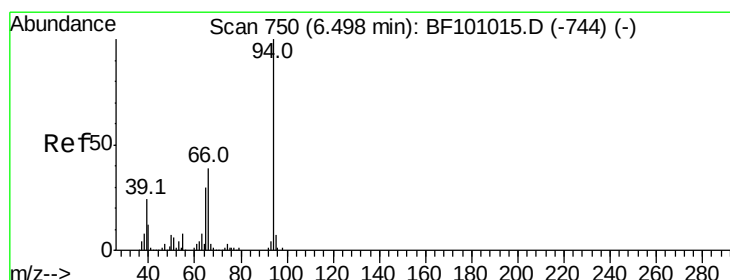
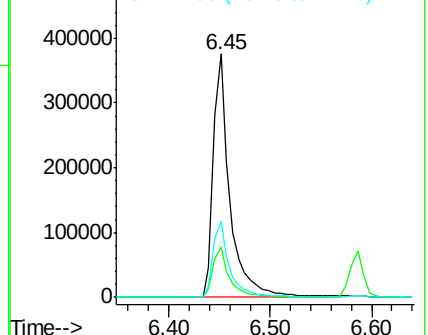
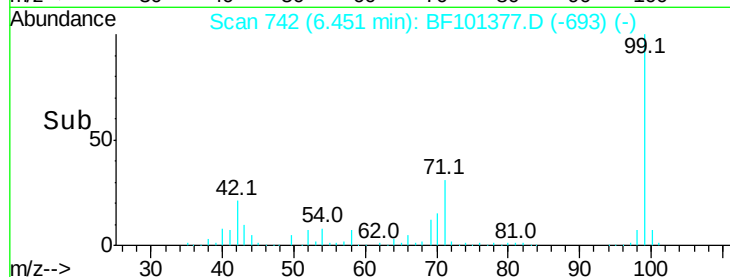
99 100

42 20.5 14.5 21.7

71 31.0 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



#10

Phenol

Concen: 2.160 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101377.D

Acq: 13 Dec 2017 21:34

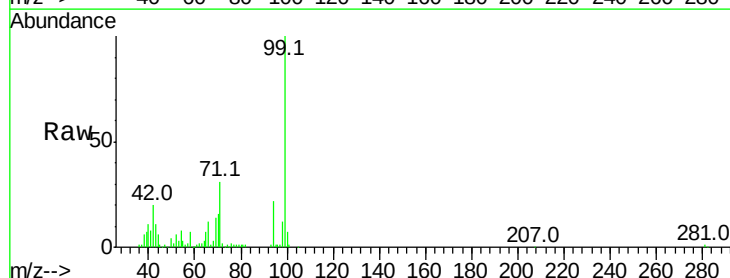
Tgt Ion: 94 Resp: 30441

Ion Ratio Lower Upper

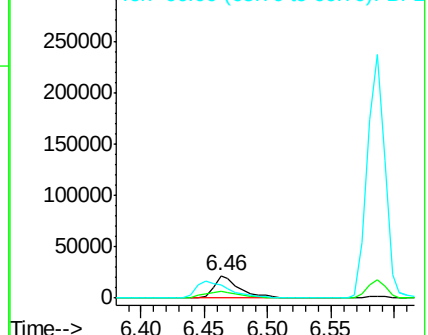
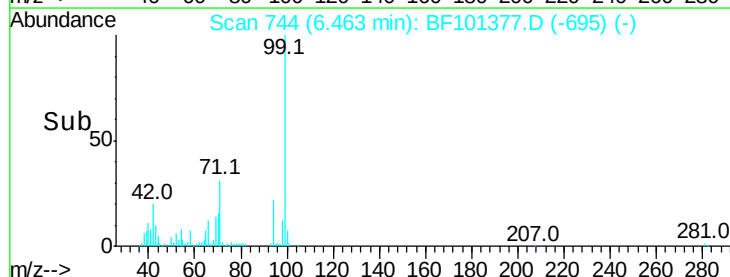
94 100

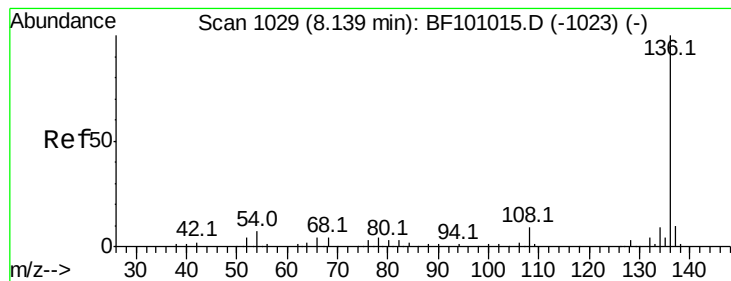
65 33.5 7.9 47.9

66 57.4 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101377.D

Acq: 13 Dec 2017 21:34

Instrument :

BNA_F

ClientSampleId :

120717-TIFR-F-U-B

Tot Ion:136 Resp: 698573

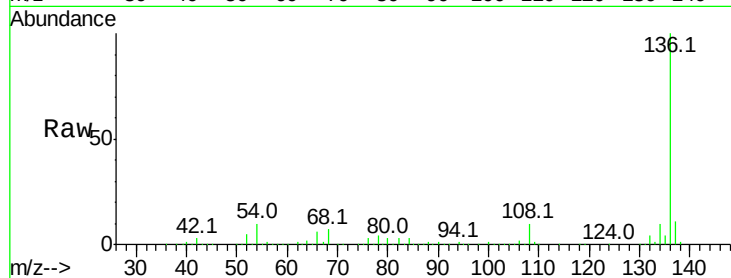
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 6.6 9.8

68 6.9 5.0 7.4

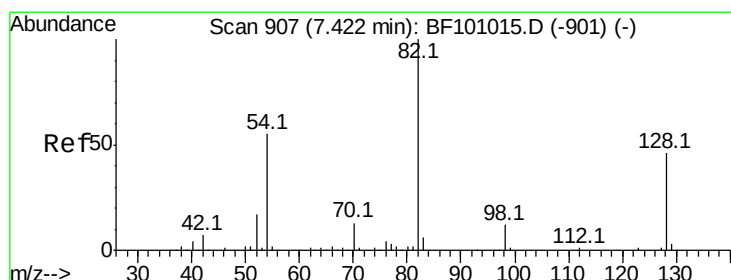
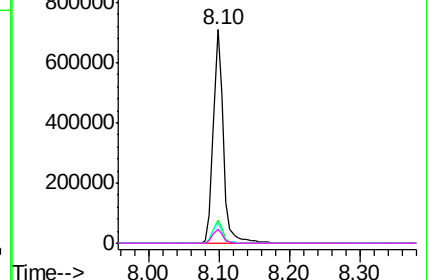
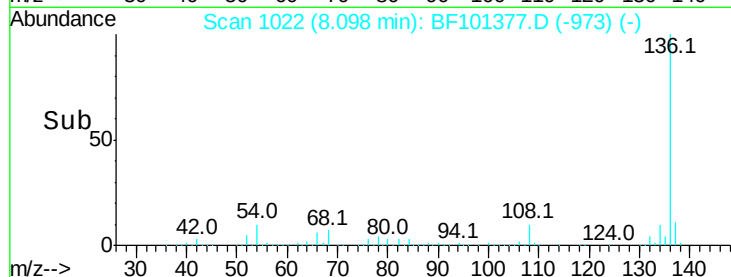


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.330 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF101377.D

Acq: 13 Dec 2017 21:34

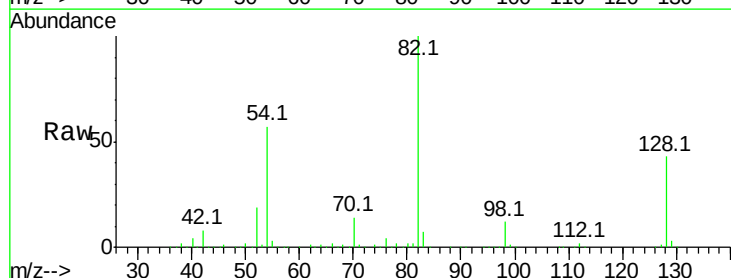
Tgt Ion: 82 Resp: 1092954

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

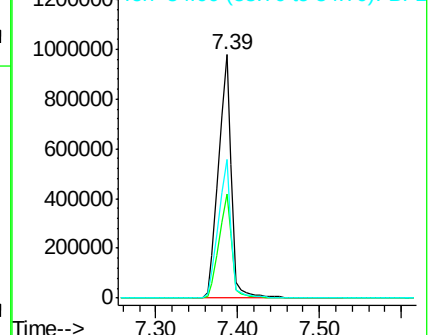
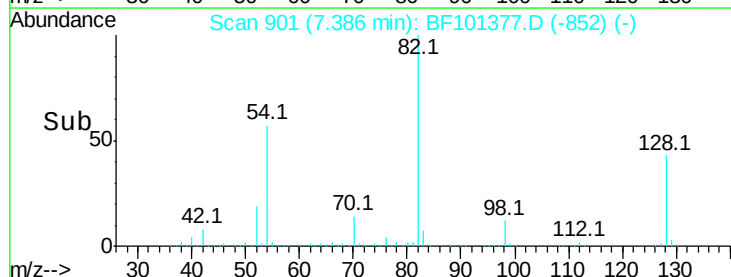
54 57.2 41.4 62.2

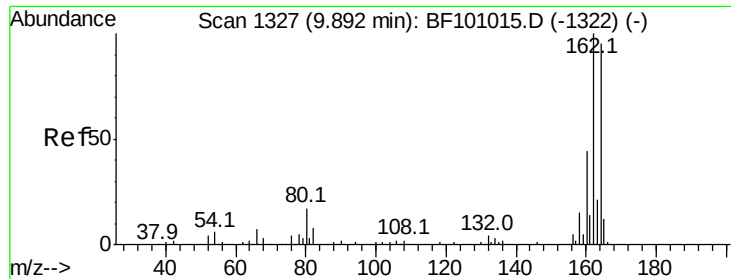


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF101377.D

Acq: 13 Dec 2017 21:34

Instrument :

BNA_F

ClientSampleId :

120717-TIFR-F-U-B

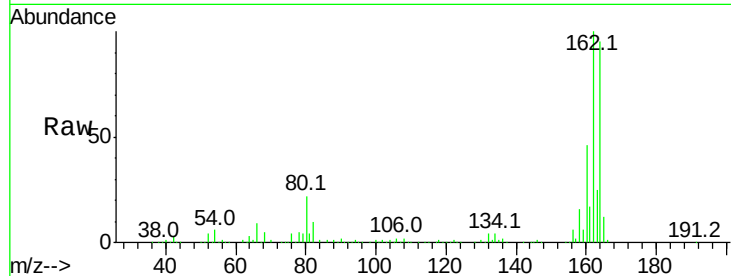
Tot Ion:164 Resp: 310262

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

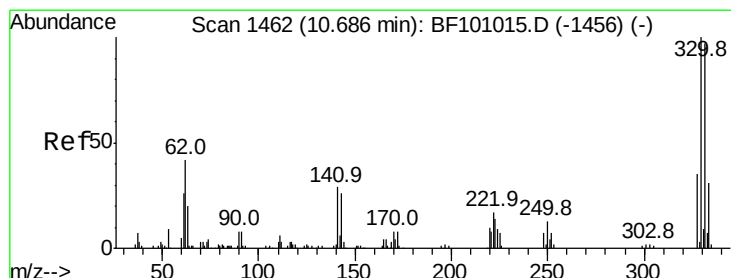
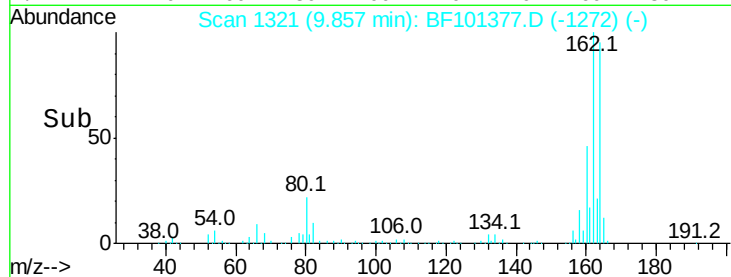
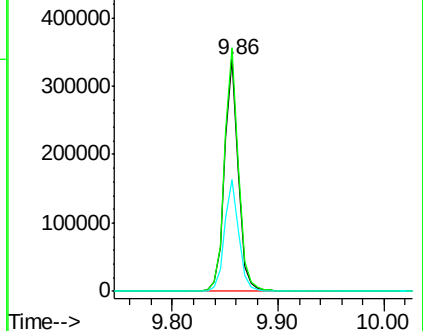
160 48.3 38.3 57.5



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: 57.306 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF101377.D

Acq: 13 Dec 2017 21:34

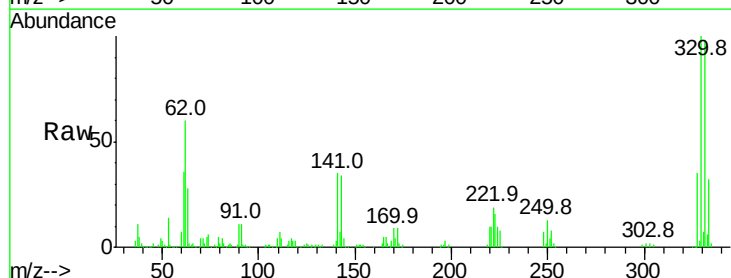
Tgt Ion:330 Resp: 213588

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

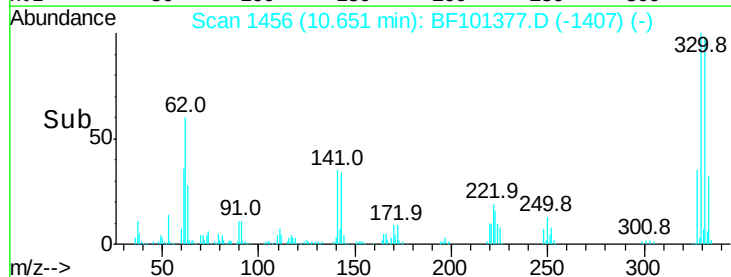
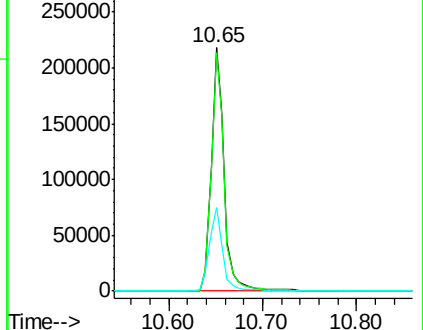
141 36.1 29.9 44.9

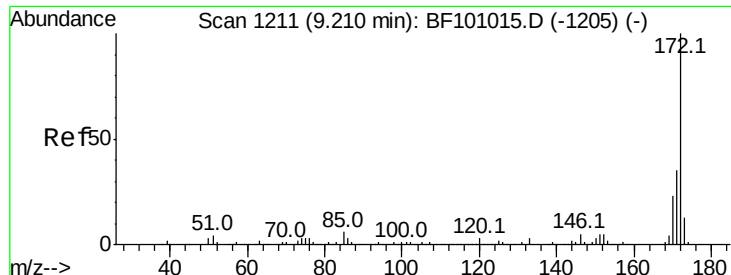


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

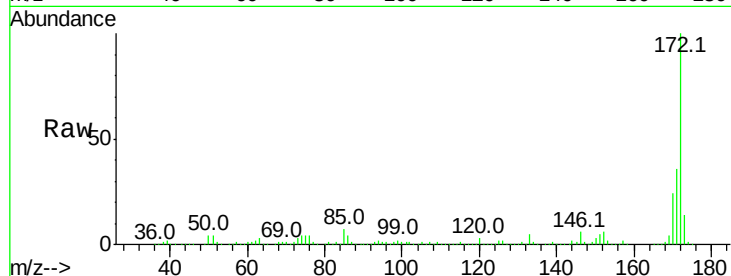




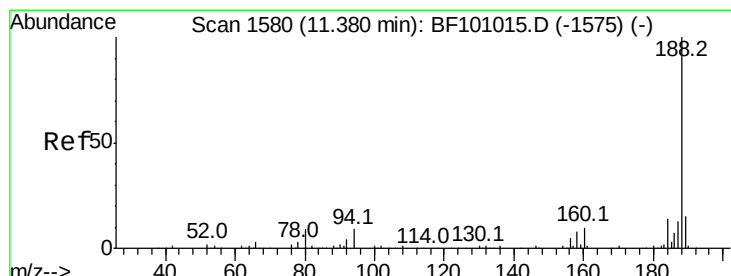
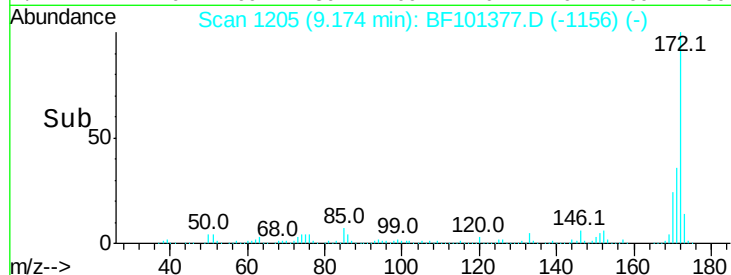
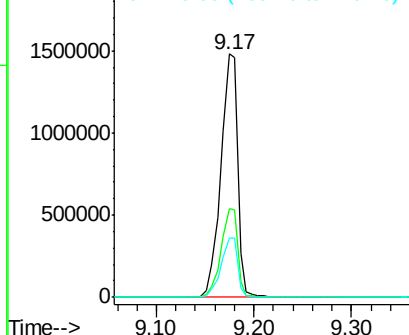
#44
 2-Fluorobiphenyl
 Concen: 78.541 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101377.D
 Acq: 13 Dec 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 120717-TIFR-F-U-B

Tot Ion:172 Resp: 1781047
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.4 19.6 29.4

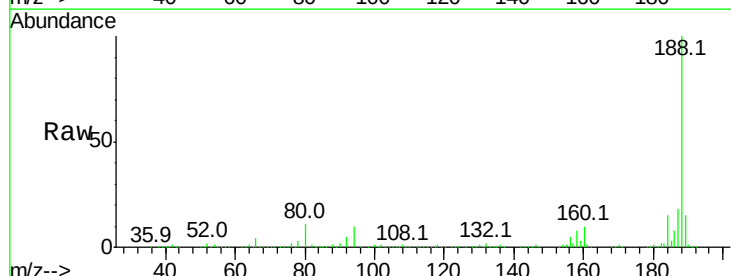


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

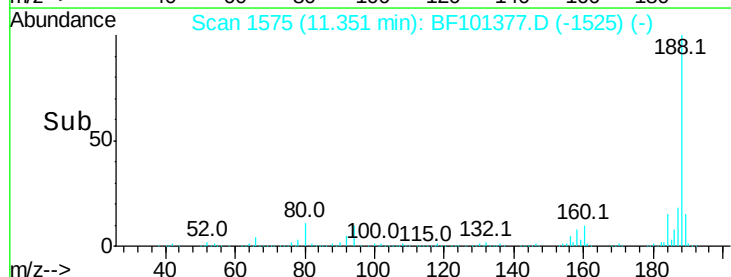
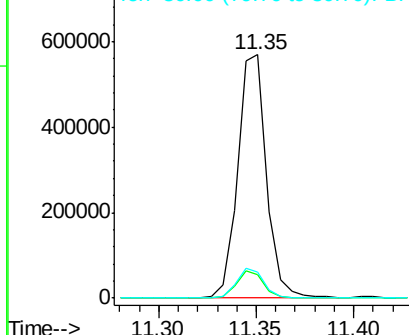


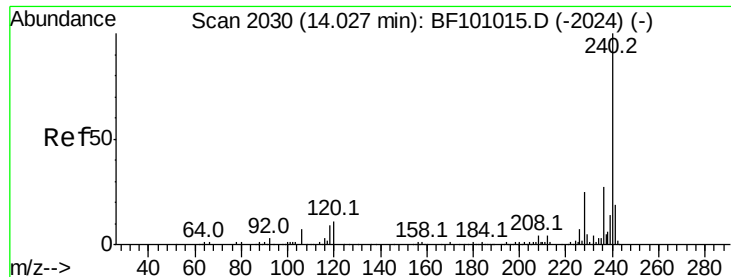
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF101377.D
 Acq: 13 Dec 2017 21:34

Tgt Ion:188 Resp: 576816
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.5 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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101377.D

Acq: 13 Dec 2017 21:34

Instrument :

BNA_F

ClientSampleId :

120717-TIFR-F-U-B

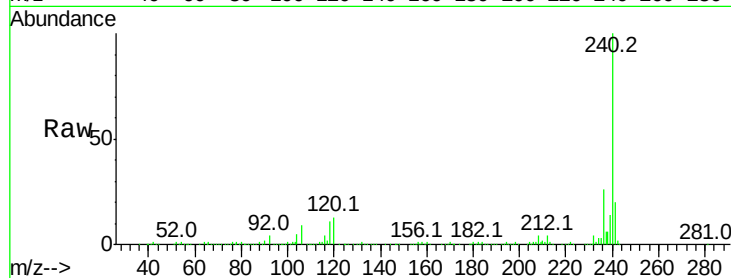
Tot Ion:240 Resp: 386978

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

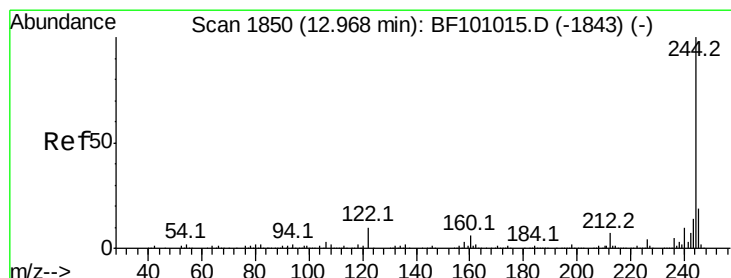
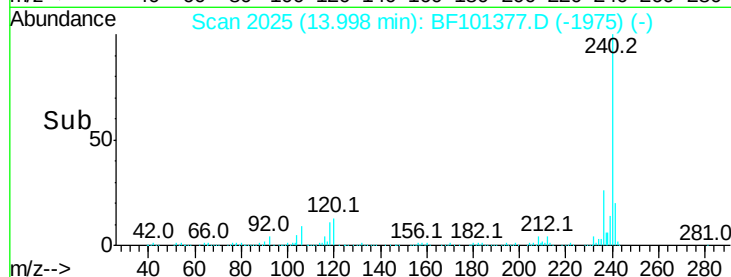
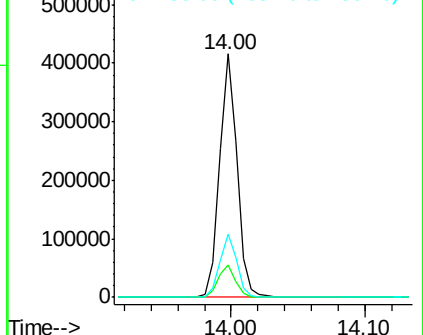
236 26.2 20.7 31.1



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: 88.129 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF101377.D

Acq: 13 Dec 2017 21:34

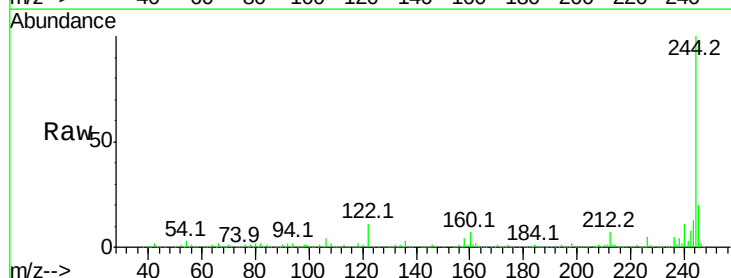
Tgt Ion:244 Resp: 1559211

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

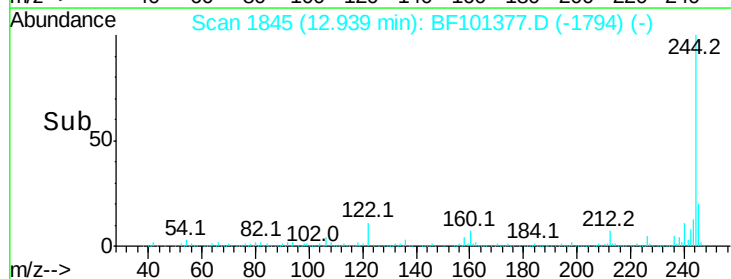
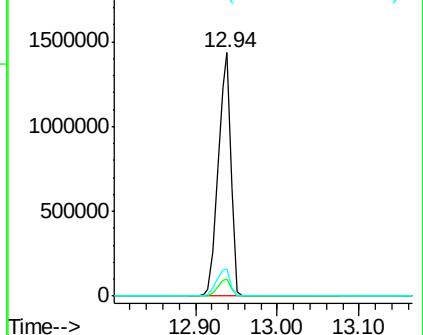
122 11.2 11.0 16.4

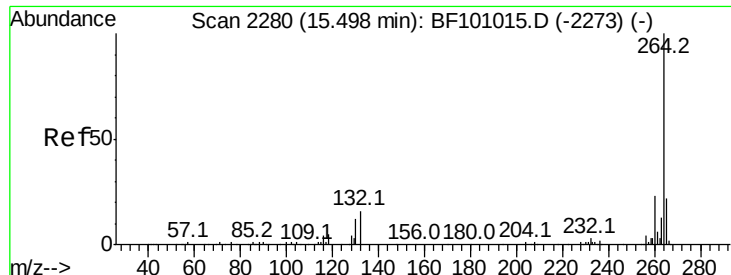


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF101377.D
Acq: 13 Dec 2017 21:34

Instrument :
BNA_F
ClientSampleId :
120717-TIFR-F-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

