

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101629.D
 Acq On : 22 Dec 2017 2:41
 Operator : SJ/JU
 Sample : I6971-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Dec 22 06:01:39 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	6.80	152	133674	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	488579	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	181300	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	295780	20.00	ng	0.00
75) Chrysene-d12	13.97	240	312824	20.00	ng	0.00
86) Perylene-d12	15.43	264	253046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	376601	41.97	ng	0.00
7) Phenol-d6	6.44	99	289976	25.96	ng	0.00
23) Nitrobenzene-d5	7.36	82	741993	84.54	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	127506	72.99	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1137154	97.30	ng	0.00
78) Terphenyl-d14	12.90	244	889436	68.54	ng	0.00

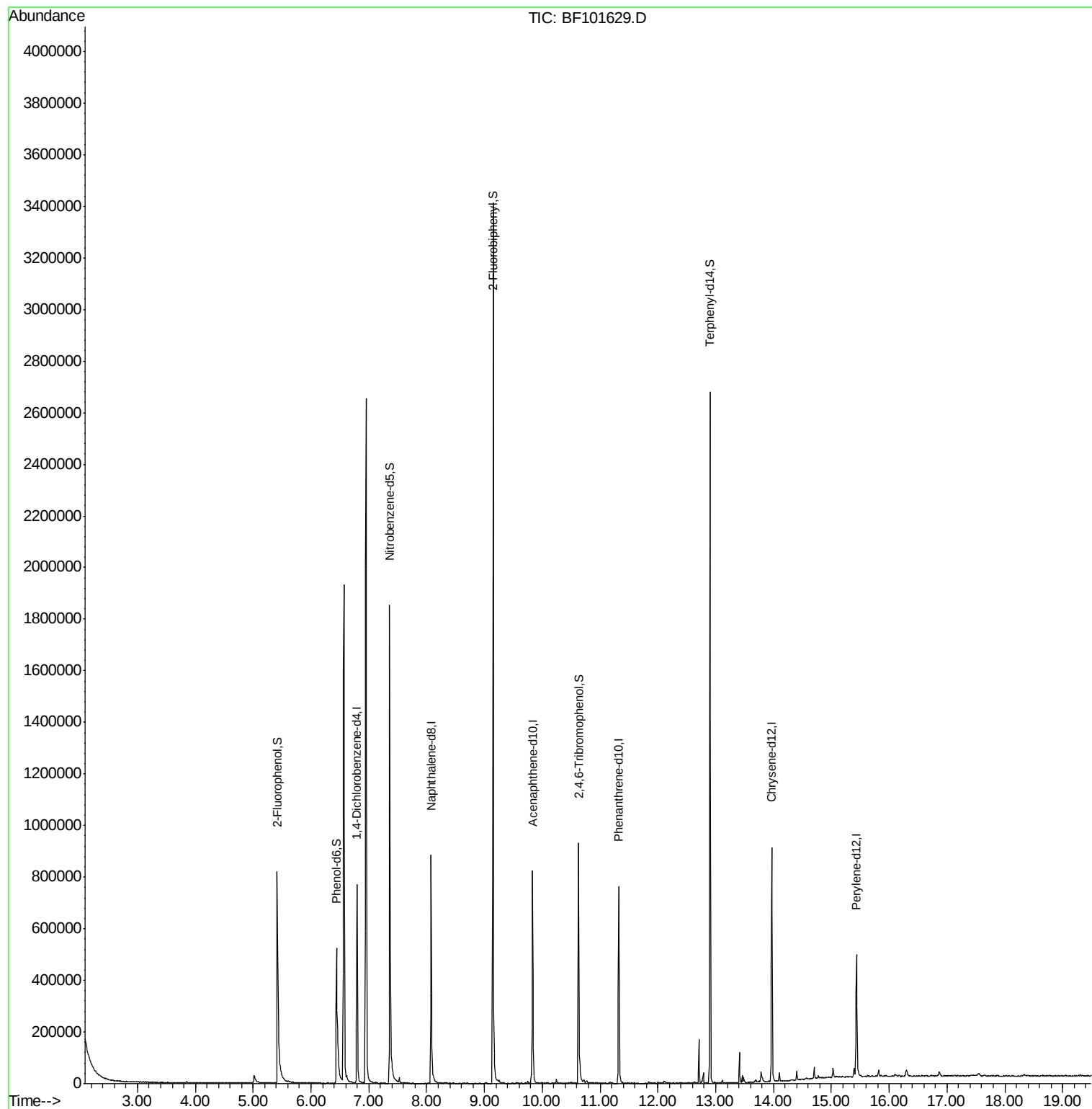
Target Compounds Qvalue

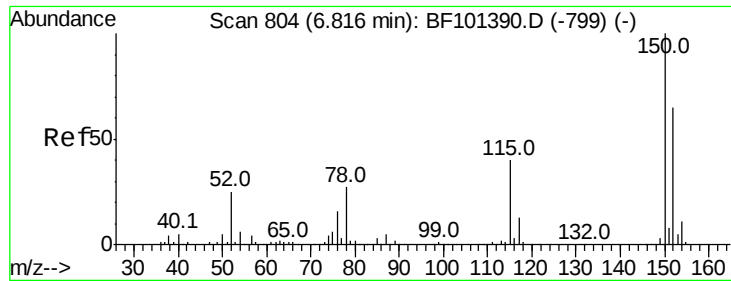
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101629.D
Acq On : 22 Dec 2017 2:41
Operator : SJ/JU
Sample : I6971-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Dec 22 06:01:39 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



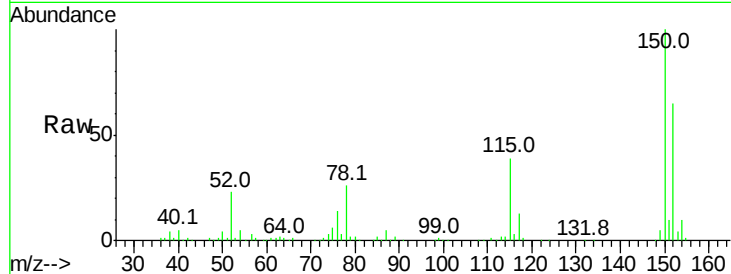


#1

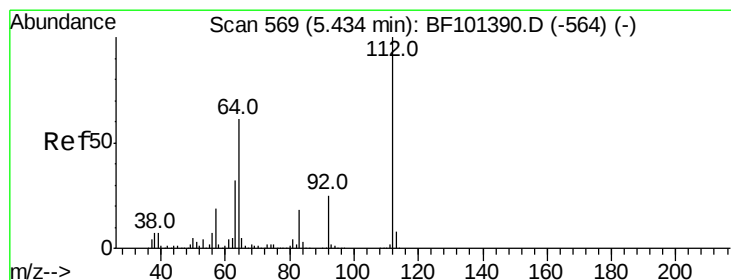
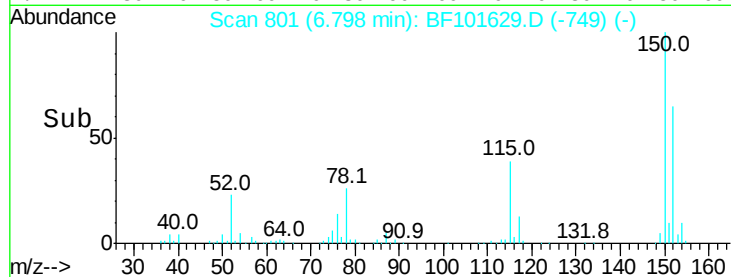
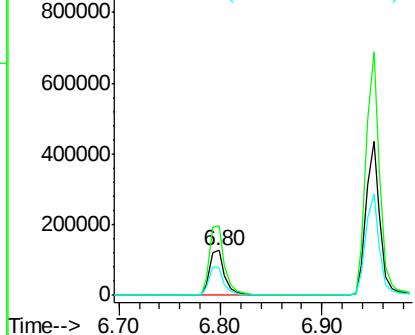
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101629.D
Acq: 22 Dec 2017 2:41

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

Tot Ion:152 Resp: 133674
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 59.9 50.1 75.1



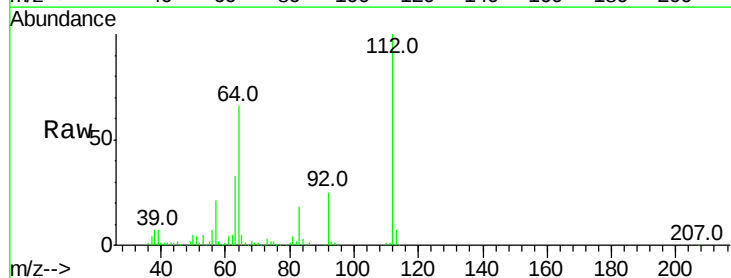
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



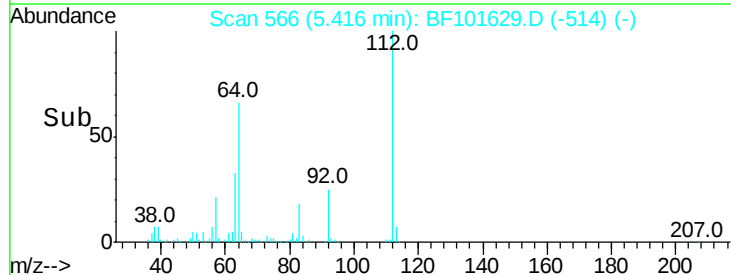
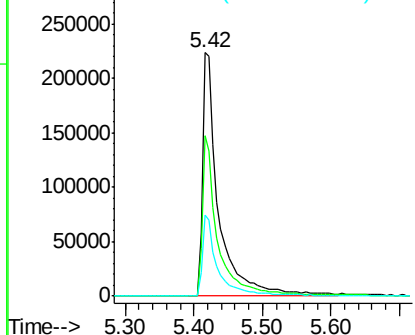
#5

2-Fluorophenol
Concen: 41.966 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101629.D
Acq: 22 Dec 2017 2:41

Tgt Ion:112 Resp: 376601
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 33.4 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: 25.964 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101629.D

Acq: 22 Dec 2017 2:41

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-U-M

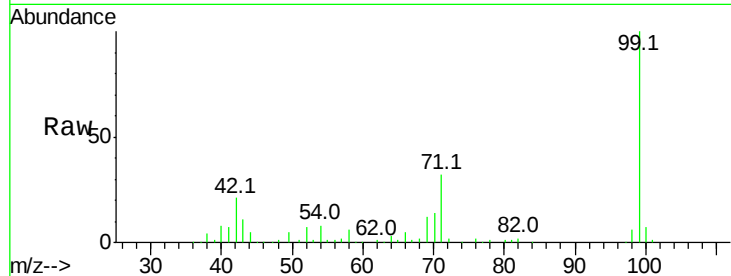
Tot Ion: 99 Resp: 289976

Ion Ratio Lower Upper

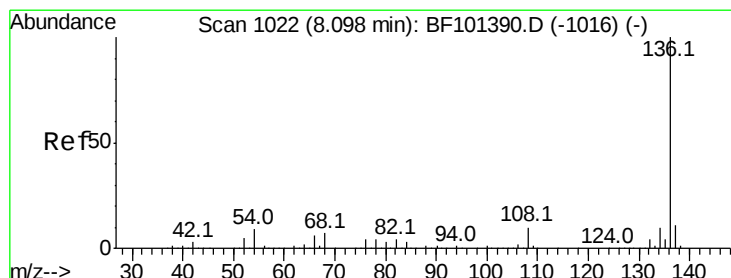
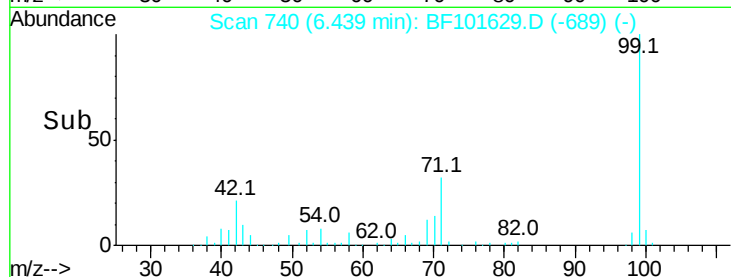
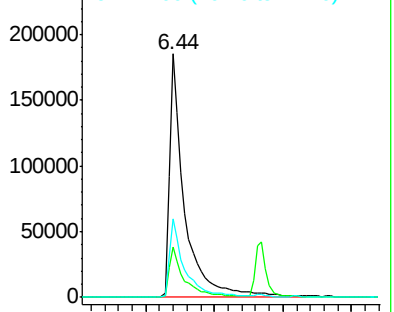
99 100

42 20.5 14.5 21.7

71 32.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101629.D

Acq: 22 Dec 2017 2:41

Tgt Ion: 136 Resp: 488579

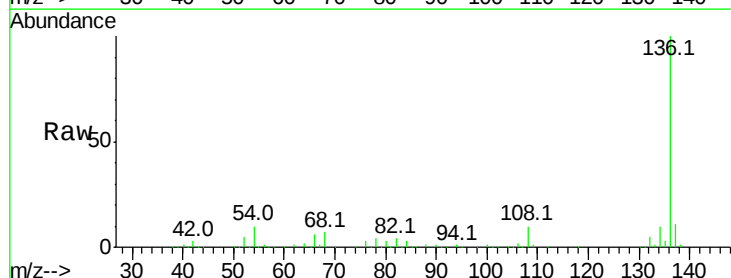
Ion Ratio Lower Upper

136 100

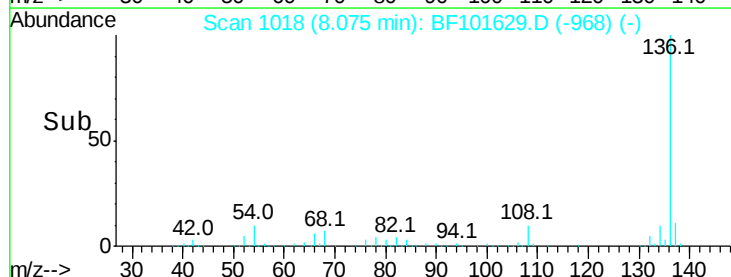
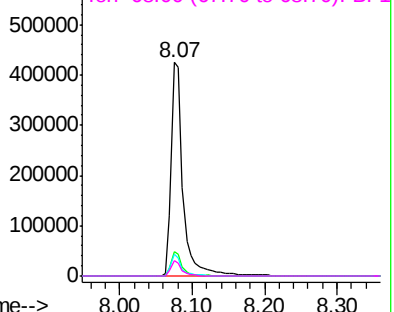
137 11.2 8.9 13.3

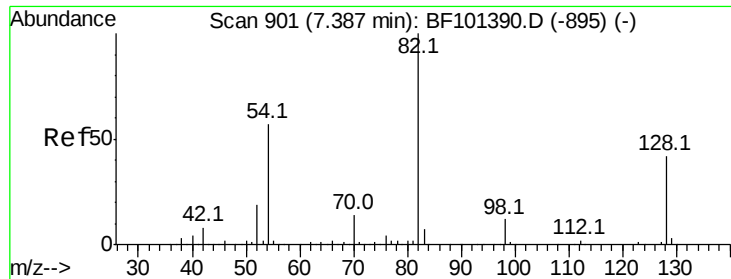
54 10.0 6.6 9.8#

68 7.3 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

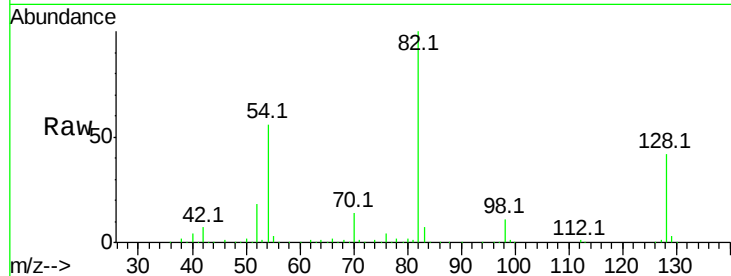




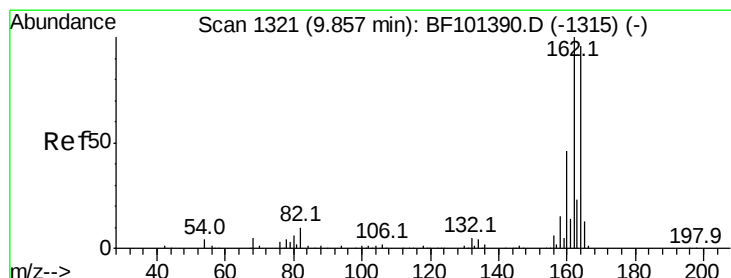
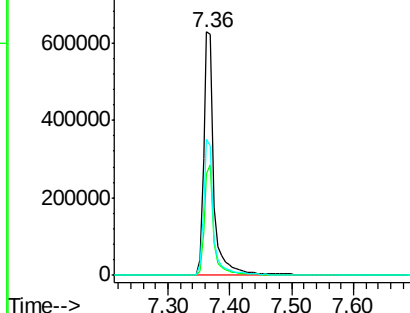
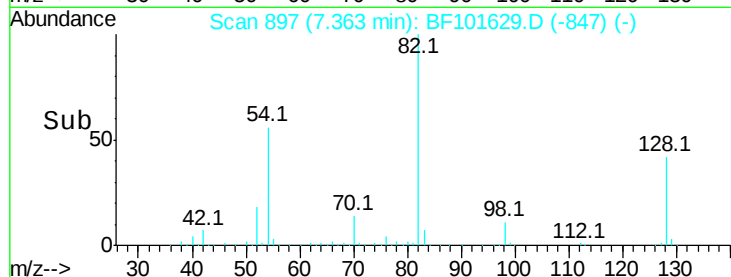
#23
Nitrobenzene-d5
Concen: 84.538 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101629.D
Acq: 22 Dec 2017 2:41

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

Tot Ion: 82 Resp: 741993
Ion Ratio Lower Upper
82 100
128 41.5 36.1 54.1
54 55.8 41.4 62.2

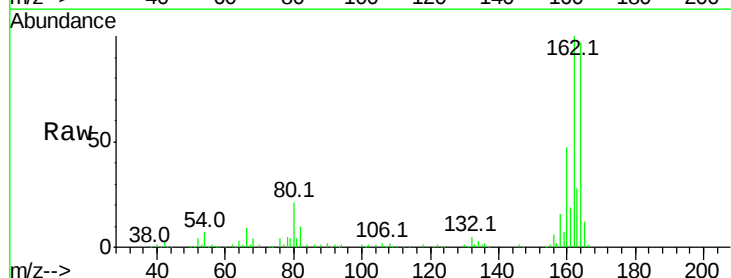


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

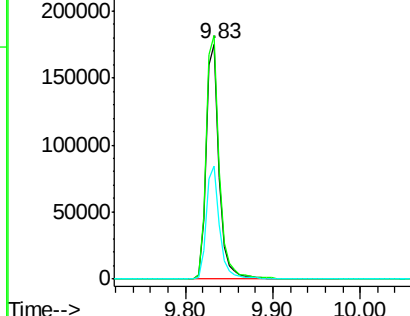
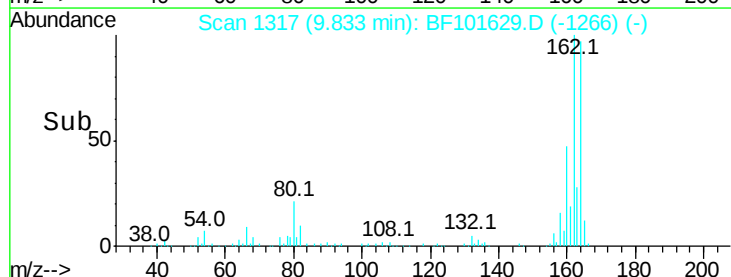


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101629.D
Acq: 22 Dec 2017 2:41

Tgt Ion:164 Resp: 181300
Ion Ratio Lower Upper
164 100
162 103.6 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

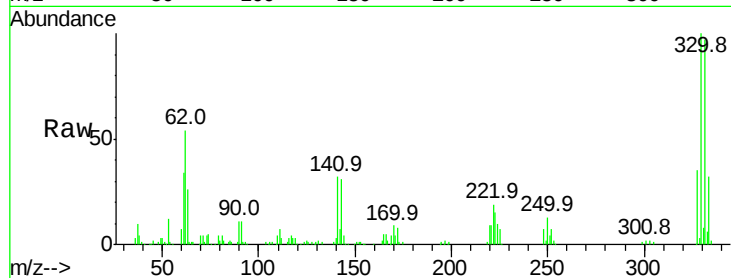




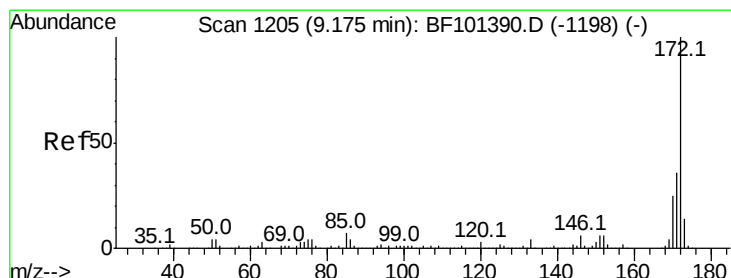
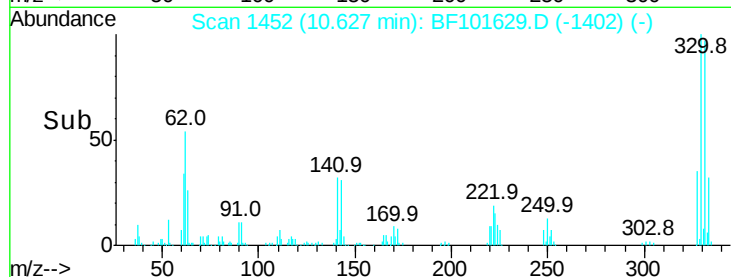
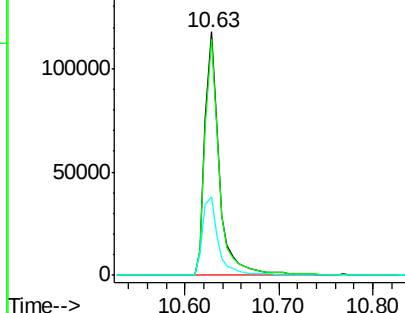
#41
 2,4,6-Tribromophenol
 Concen: 72.987 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101629.D
 Acq: 22 Dec 2017 2:41

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	35.8	29.9	44.9

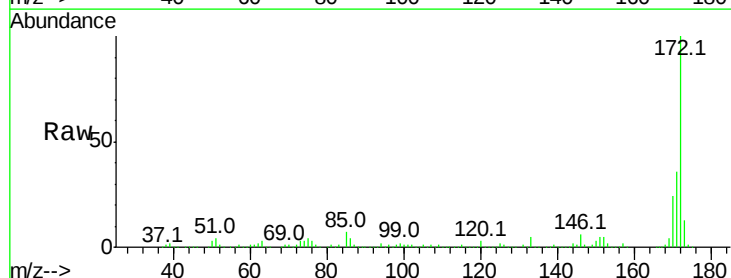


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

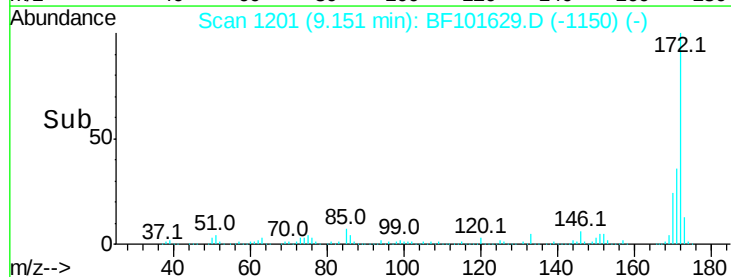
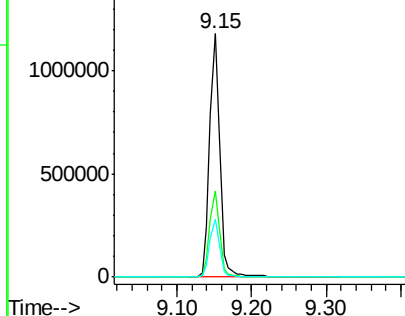


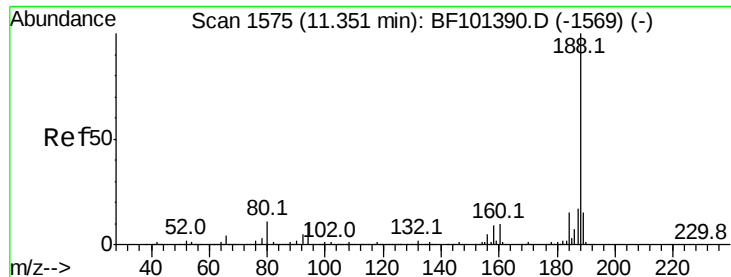
#44
 2-Fluorobiphenyl
 Concen: 97.297 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101629.D
 Acq: 22 Dec 2017 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	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

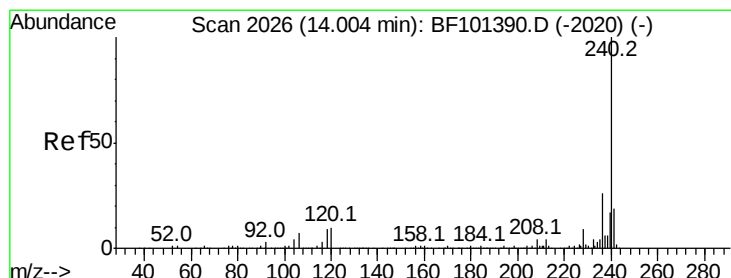
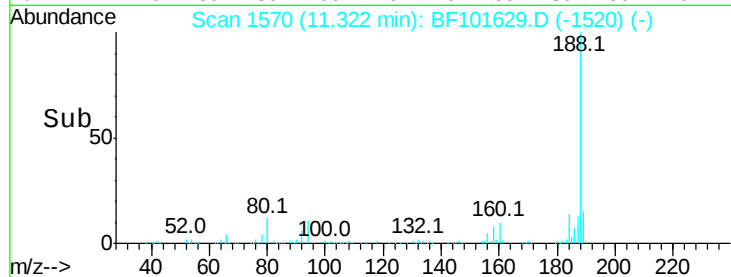
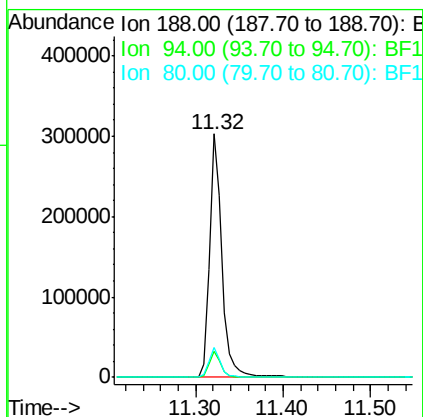
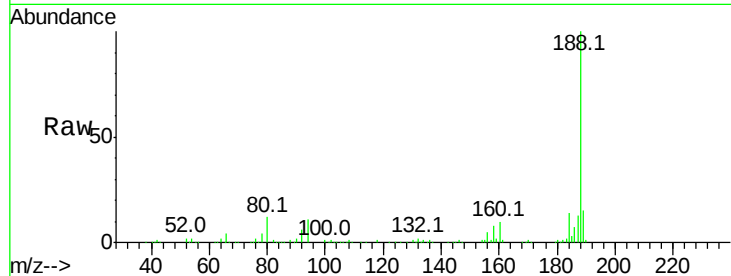




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF101629.D
 Acq: 22 Dec 2017 2:41

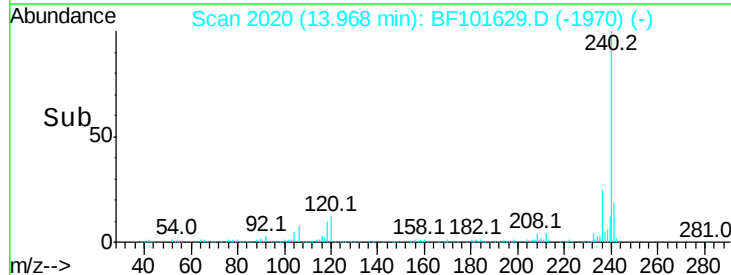
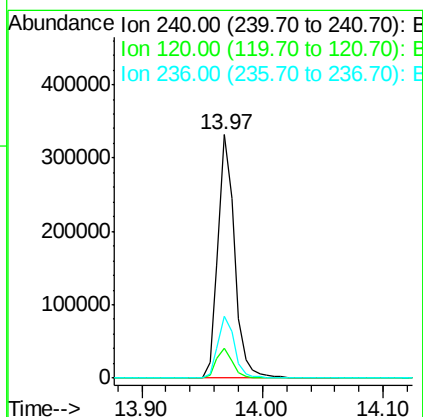
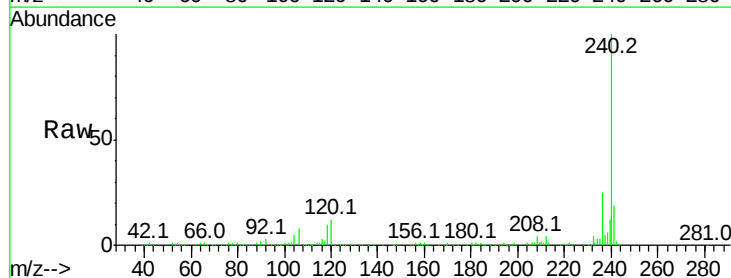
Instrument :
 BNA_F
 ClientSampleId :
 121517-TIFR-E-U-M

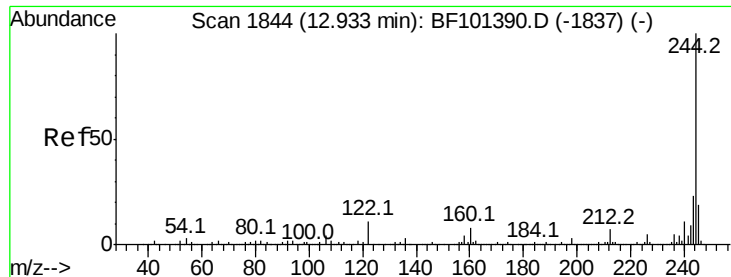
Tot Ion:188 Resp: 295780
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 12.0 9.2 13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF101629.D
 Acq: 22 Dec 2017 2:41

Tgt Ion:240 Resp: 312824
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 68.544 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101629.D

Acq: 22 Dec 2017 2:41

Instrument :

BNA_F

ClientSampleId :

121517-TIFR-E-U-M

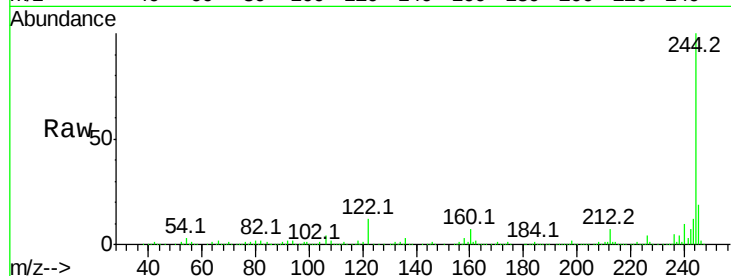
Tot Ion:244 Resp: 889436

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

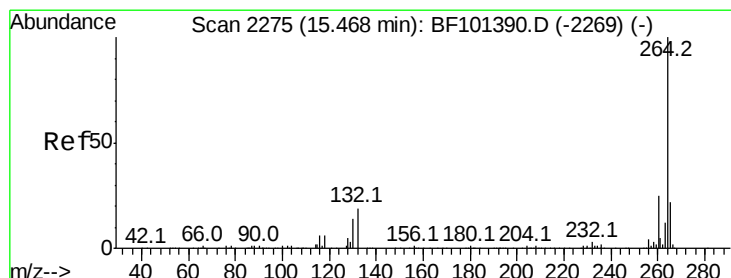
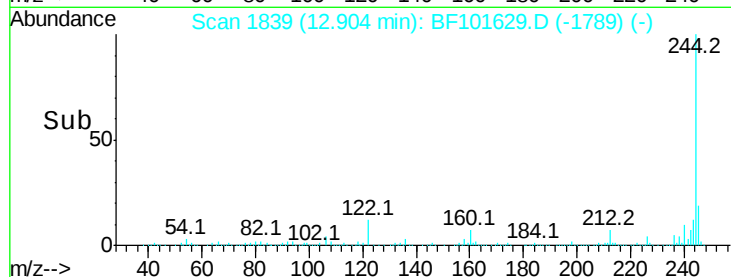
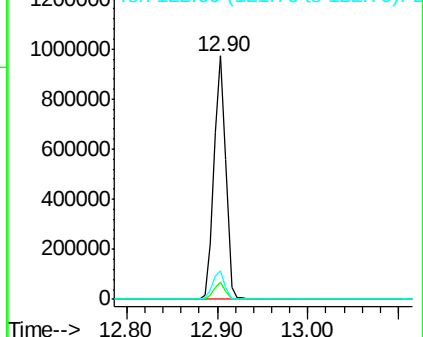
122 11.6 11.0 16.4



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# 2269

Delta R.T. -0.00 min

Lab File: BF101629.D

Acq: 22 Dec 2017 2:41

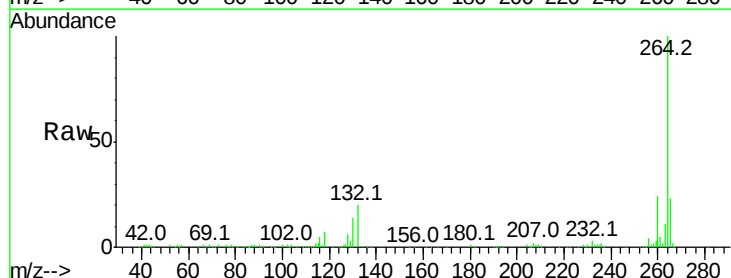
Tgt Ion:264 Resp: 253046

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.9 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

