

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099981.D
 Acq On : 31 Oct 2017 1:37
 Operator : SJ/JU
 Sample : I6083-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIFR-F-D-S

Quant Time: Oct 31 04:25:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

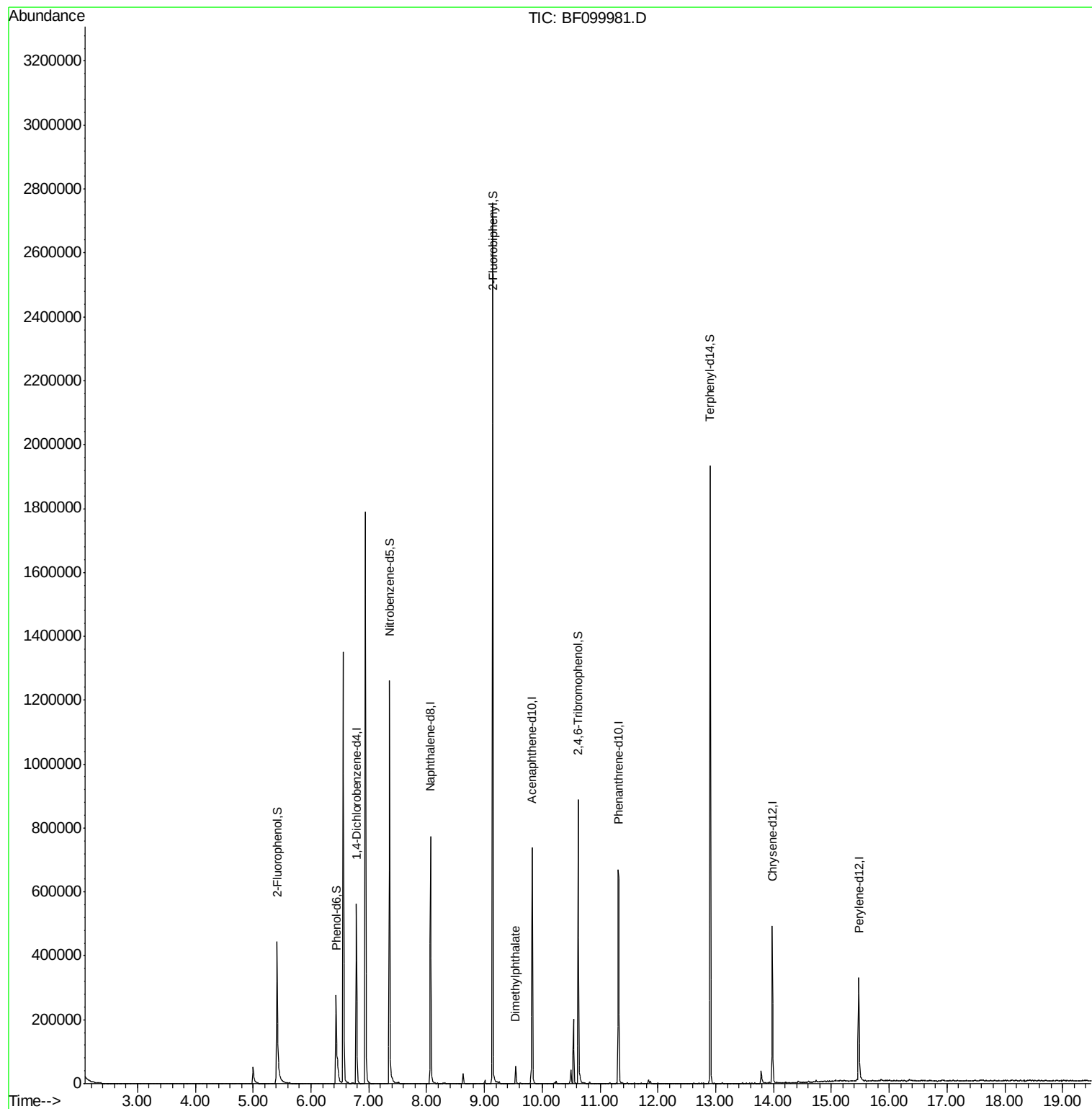
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92470	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362329	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	159018	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	264730	20.00	ng	-0.02
75) Chrysene-d12	13.98	240	175913	20.00	ng	-0.01
86) Perylene-d12	15.47	264	163612	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	223755	37.99	ng	0.00
7) Phenol-d6	6.43	99	169634	24.29	ng	0.00
23) Nitrobenzene-d5	7.36	82	457510	81.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	113298	78.18	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	889495	86.30	ng	-0.01
78) Terphenyl-d14	12.91	244	724243	89.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.55	163	29056	2.307	ng	Qvalue # 96

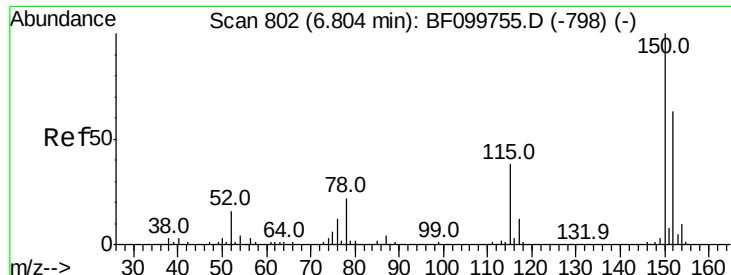
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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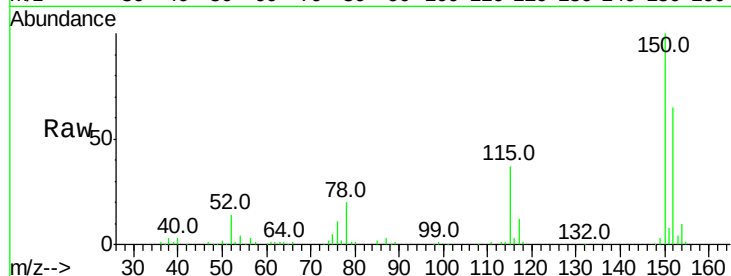


#1

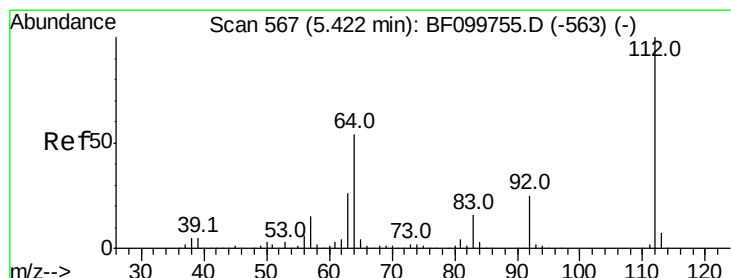
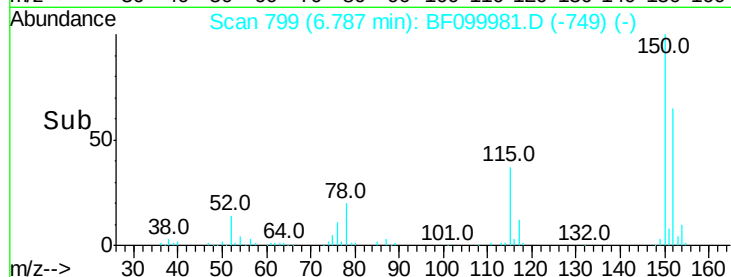
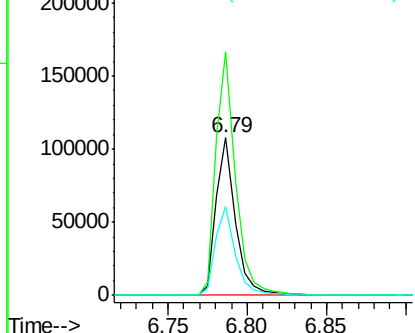
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :
102017-TIFR-F-D-S

Tot Ion:152 Resp: 92470
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 56.5 50.1 75.1



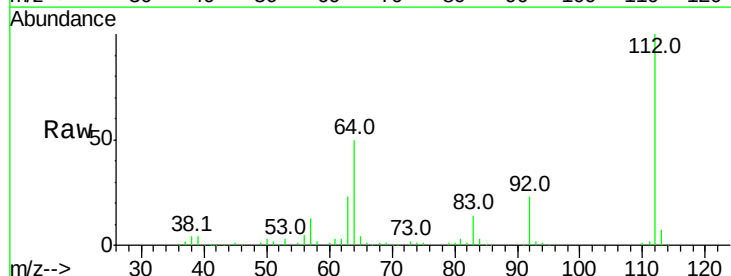
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



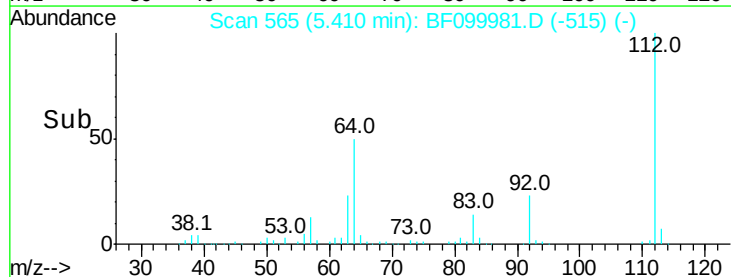
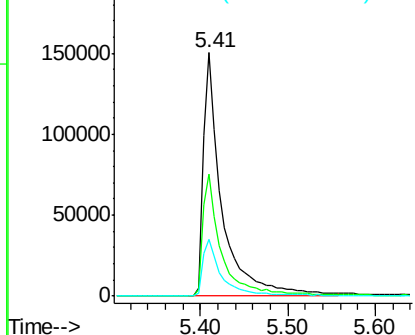
#5

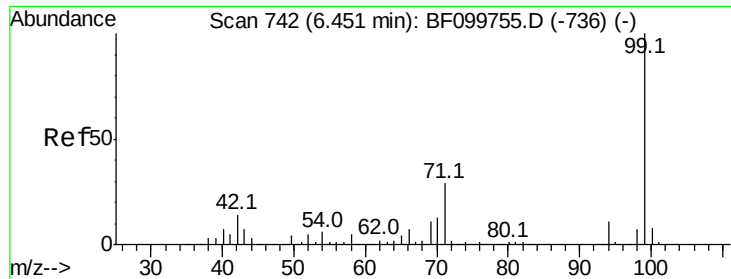
2-Fluorophenol
Concen: 37.989 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:112 Resp: 223755
Ion Ratio Lower Upper
112 100
64 50.3 47.9 71.9
63 23.1 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.290 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099981.D

Acq: 31 Oct 2017 1:37

Instrument :

BNA_F

ClientSampleId :

102017-TIFR-F-D-S

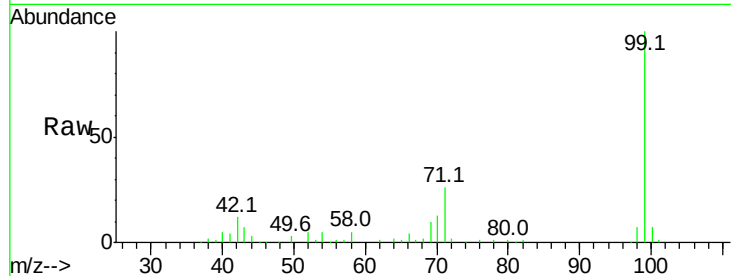
Tot Ion: 99 Resp: 169634

Ion Ratio Lower Upper

99 100

42 12.4 14.5 21.7#

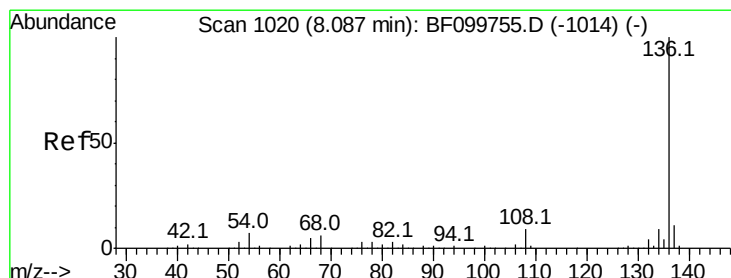
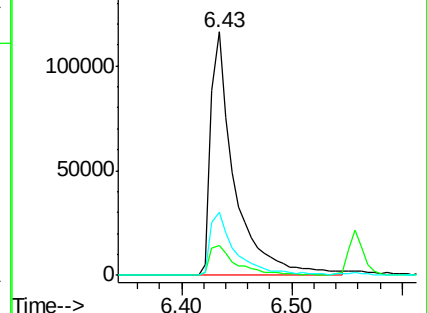
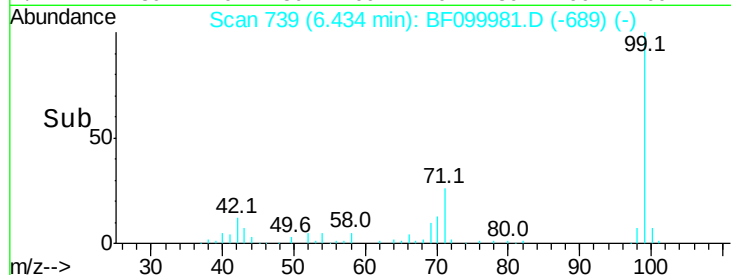
71 25.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099981.D

Acq: 31 Oct 2017 1:37

Tgt Ion: 136 Resp: 362329

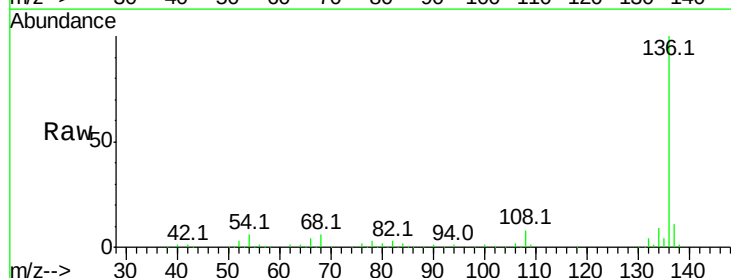
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.1 6.6 9.8#

68 5.6 5.0 7.4

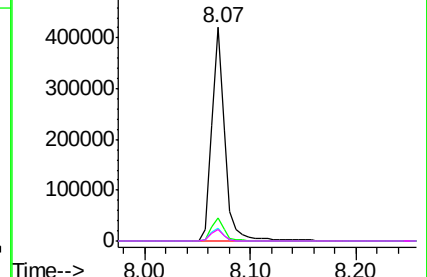
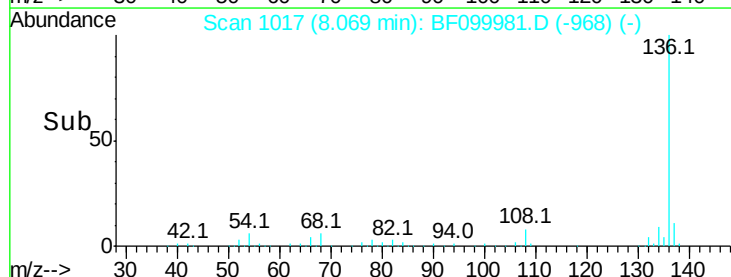


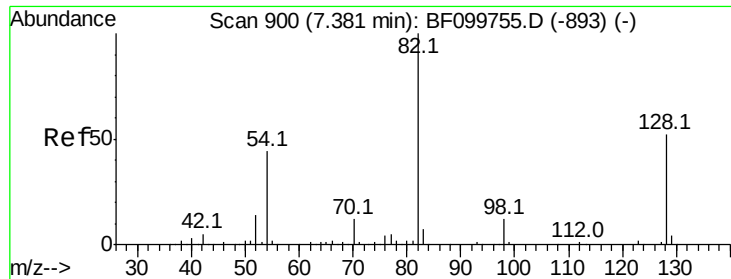
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

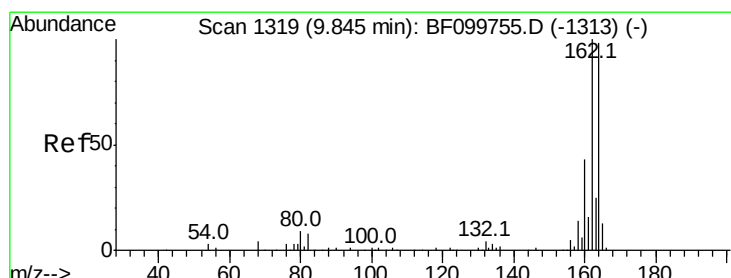
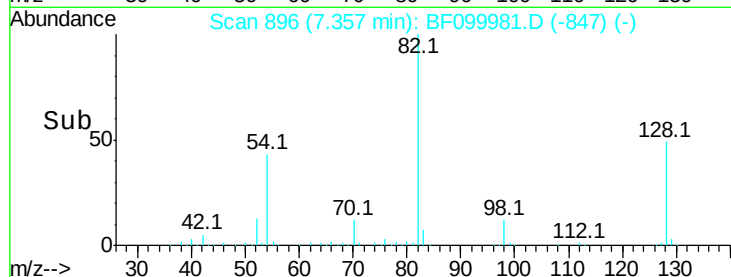
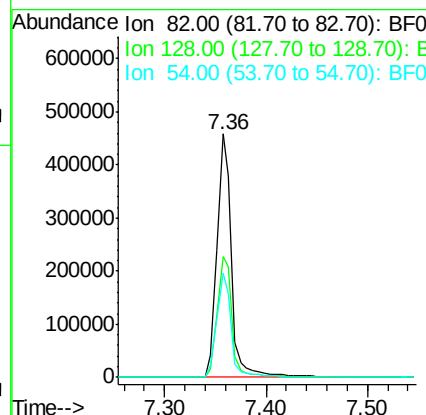
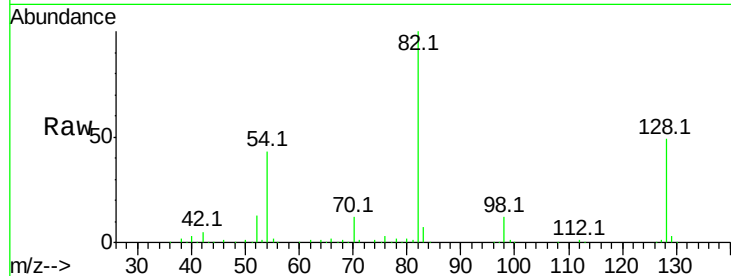




#23
 Nitrobenzene-d5
 Concen: 81.293 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

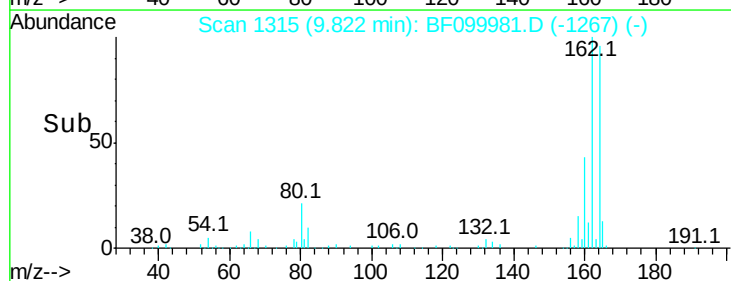
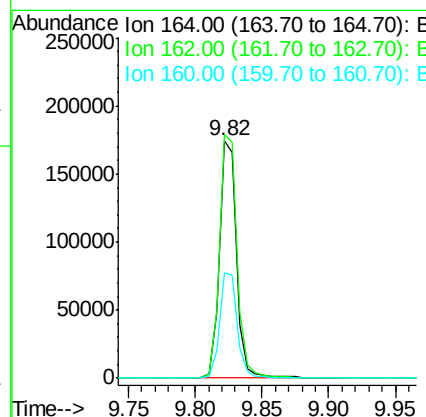
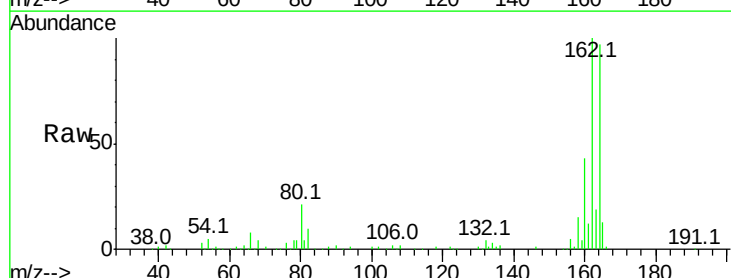
Instrument :
 BNA_F
 ClientSampleId :
 102017-TIFR-F-D-S

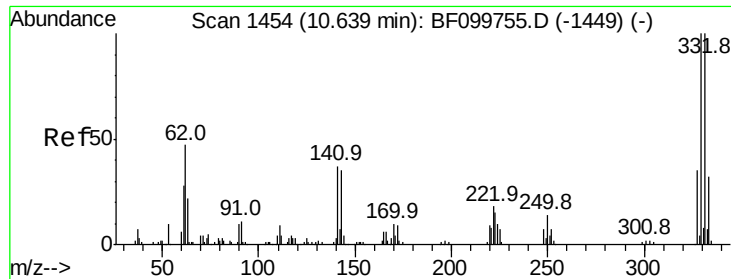
Tot Ion: 82 Resp: 457510
 Ion Ratio Lower Upper
 82 100
 128 49.5 36.1 54.1
 54 42.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Tgt Ion: 164 Resp: 159018
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 44.2 38.3 57.5

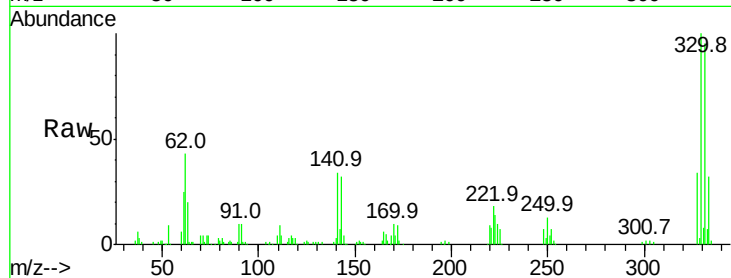




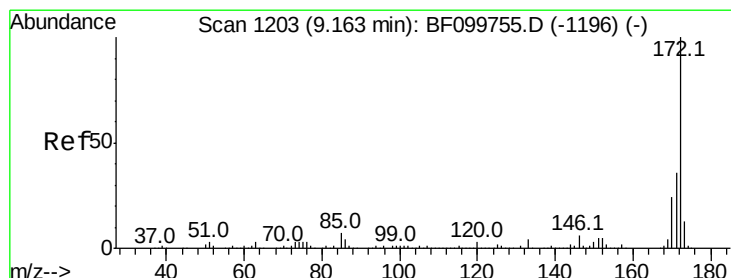
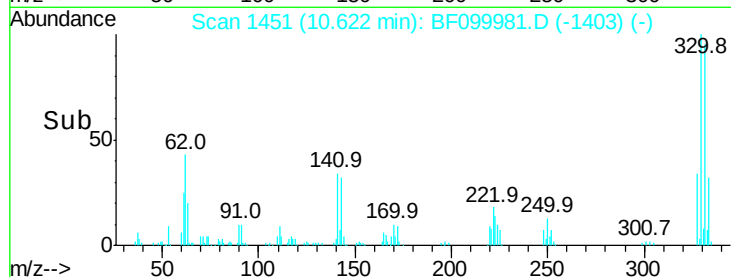
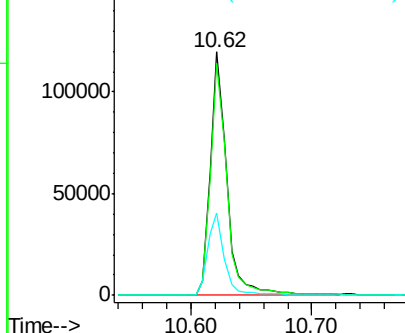
#41
 2,4,6-Tribromophenol
 Concen: 78.182 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIFR-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.5	29.9	44.9

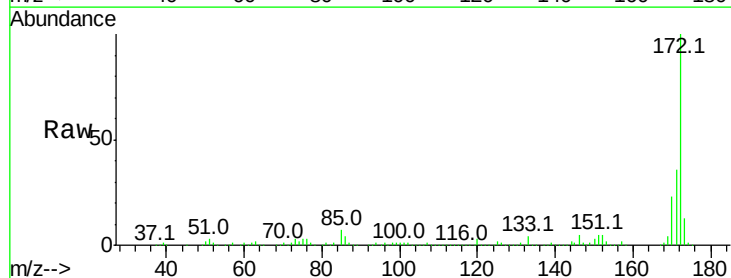


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

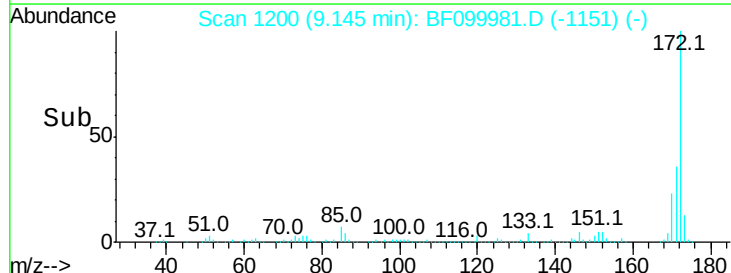
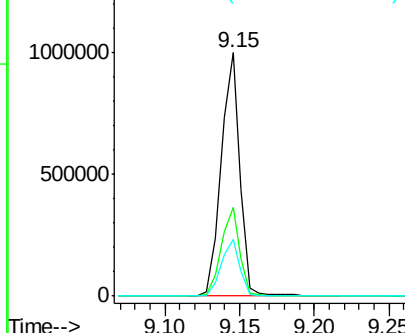


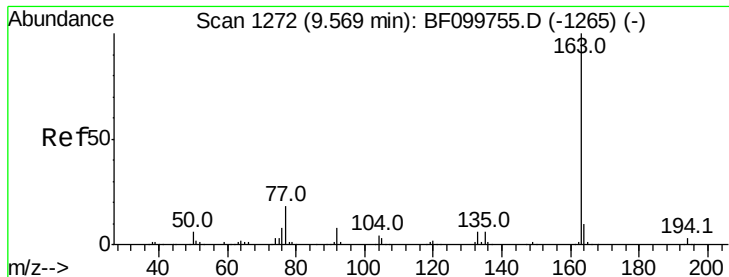
#44
 2-Fluorobiphenyl
 Concen: 86.301 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.3	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





#49

Dimethylphthalate

Concen: 2.307 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF099981.D

Acq: 31 Oct 2017 1:37

Instrument :

BNA_F

ClientSampleId :

102017-TIFR-F-D-S

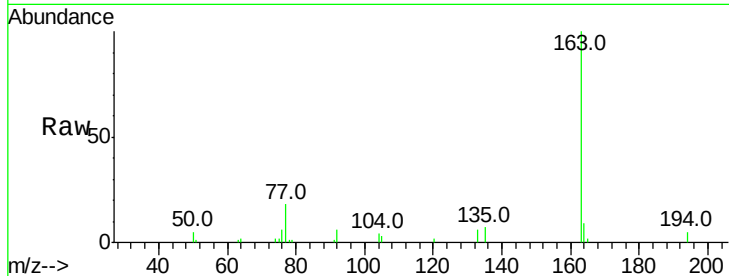
Tot Ion:163 Resp: 29056

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

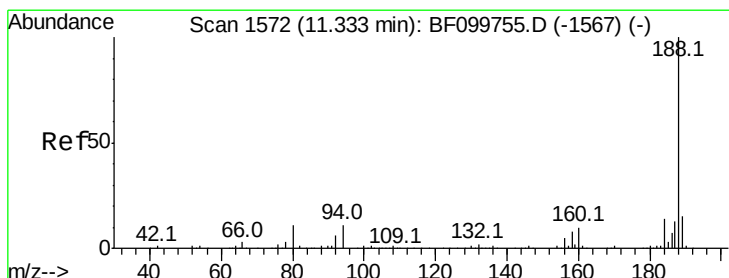
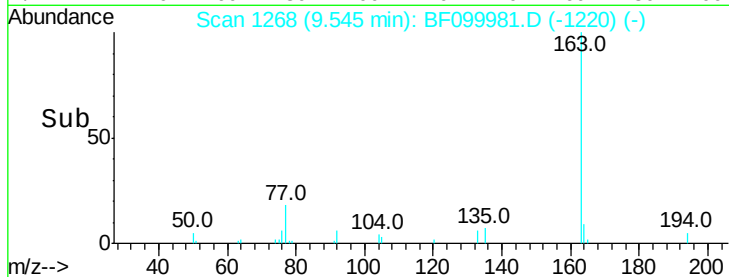
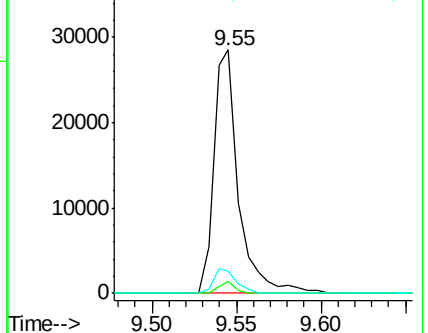
164 8.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF099981.D

Acq: 31 Oct 2017 1:37

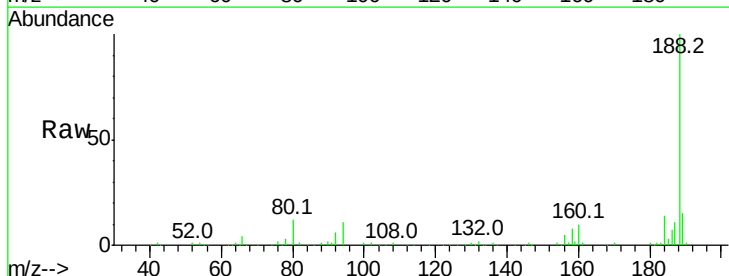
Tgt Ion:188 Resp: 264730

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

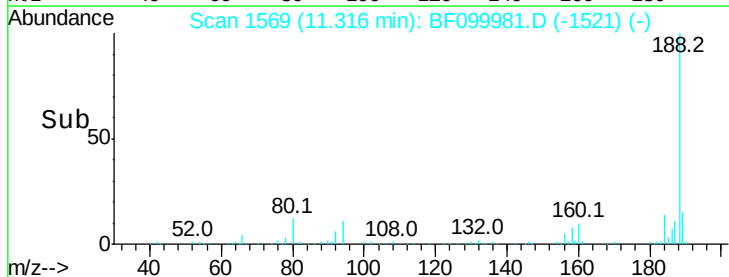
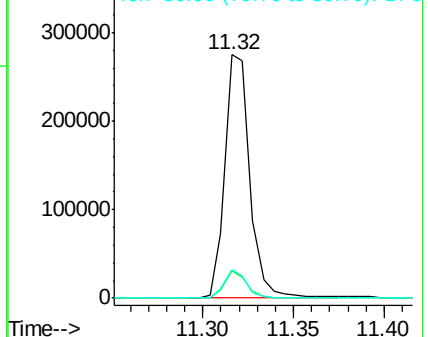
80 12.0 9.2 13.8

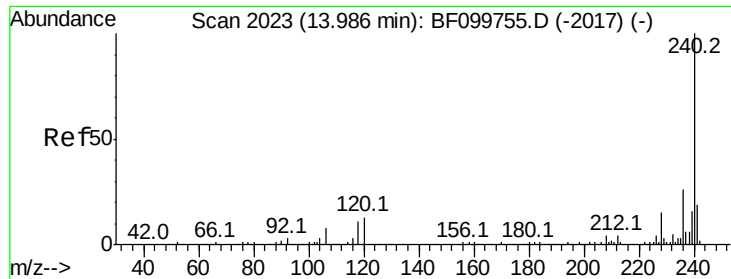


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

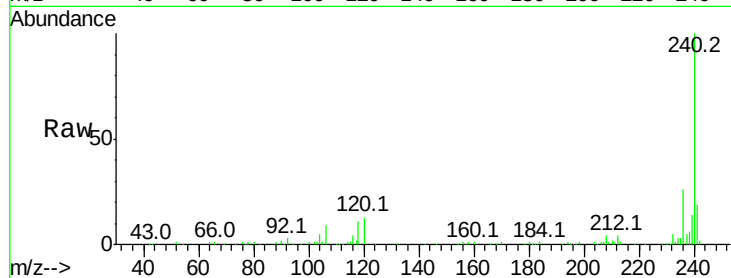




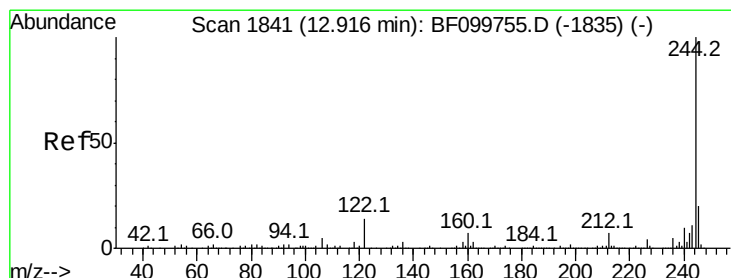
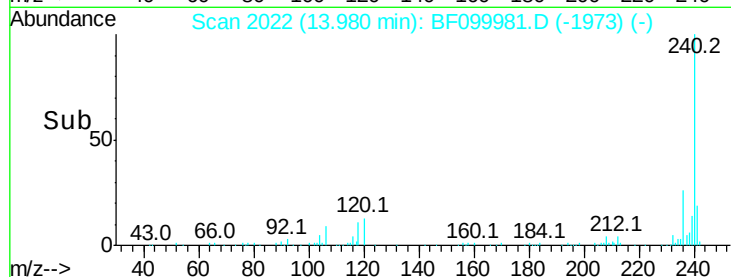
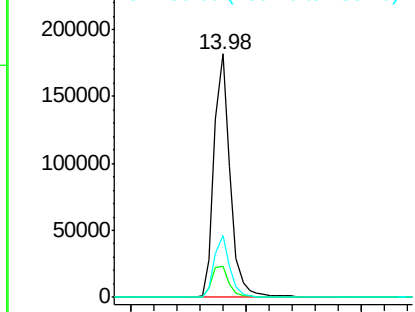
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIFR-F-D-S

Tot Ion:240 Resp: 175913
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 25.6 20.7 31.1

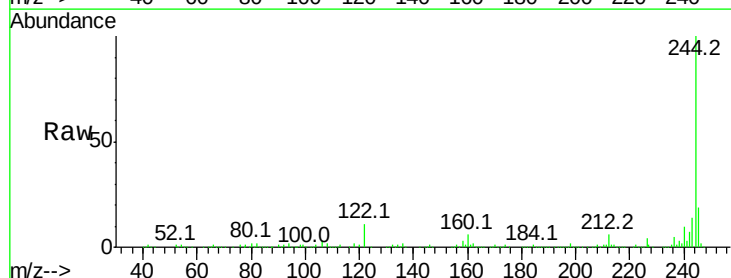


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

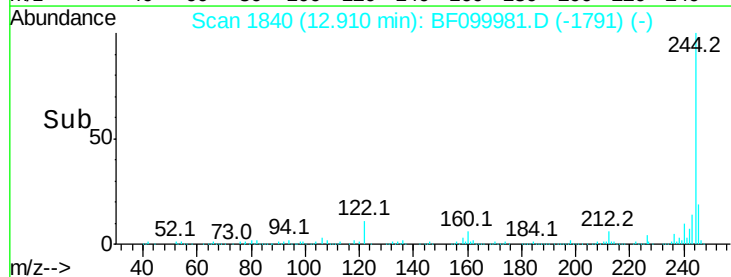
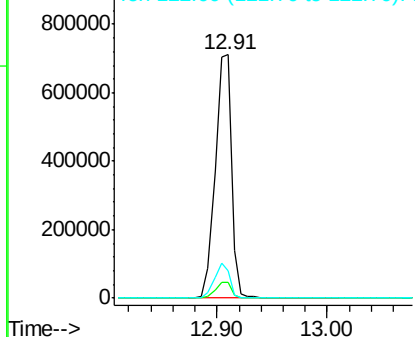


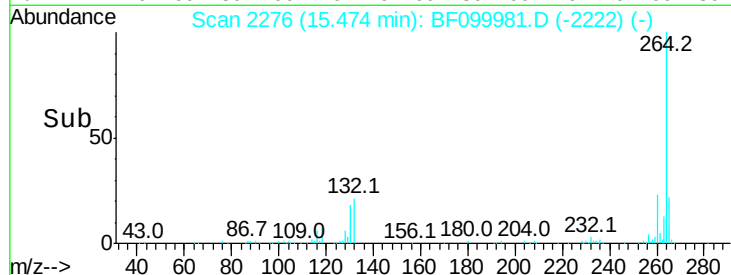
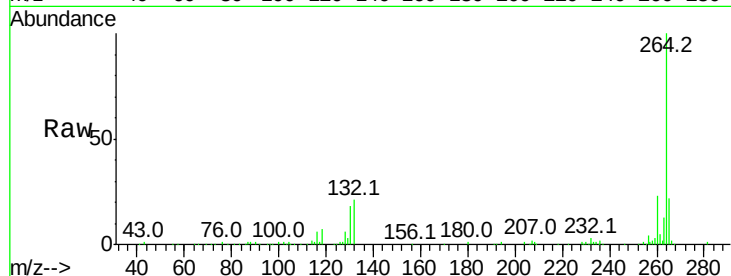
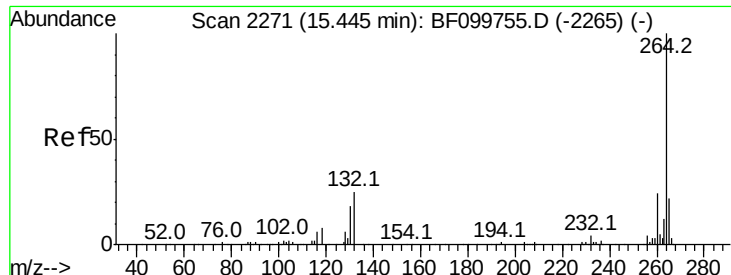
#78
 Terphenyl-d14
 Concen: 89.973 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Tgt Ion:244 Resp: 724243
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.4 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# 2276
Delta R.T. 0.02 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :
102017-TIFR-F-D-S

Tot Ion:	264	Resp:	163612
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.2	17.5	26.3

