

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099979.D
 Acq On : 31 Oct 2017 00:38
 Operator : SJ/JU
 Sample : I6083-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Oct 31 04:16:18 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	85506	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	350000	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	158136	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	259706	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	174911	20.00	ng	-0.02
86) Perylene-d12	15.46	264	160723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	228696	41.99	ng	0.00
7) Phenol-d6	6.43	99	177738	27.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	477759	87.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	118671	82.35	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	928579	90.60	ng	-0.01
78) Terphenyl-d14	12.91	244	743565	92.90	ng	-0.01

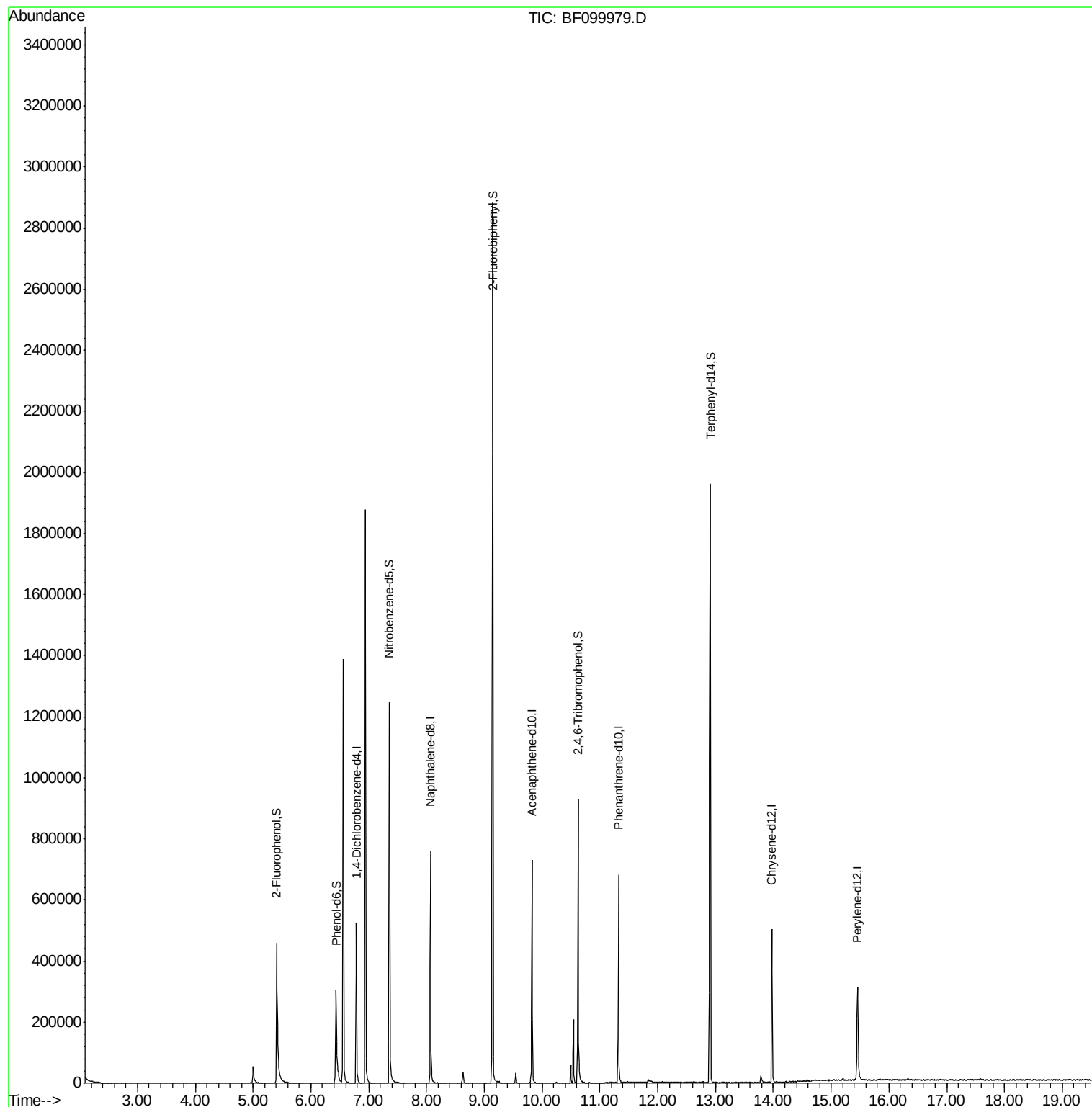
Target Compounds Qvalue

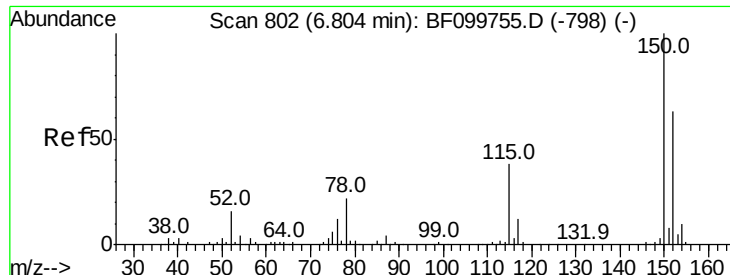
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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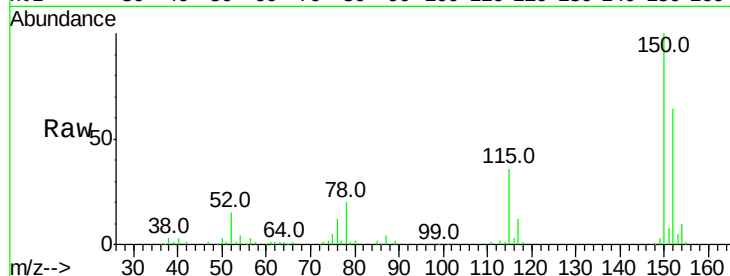


#1

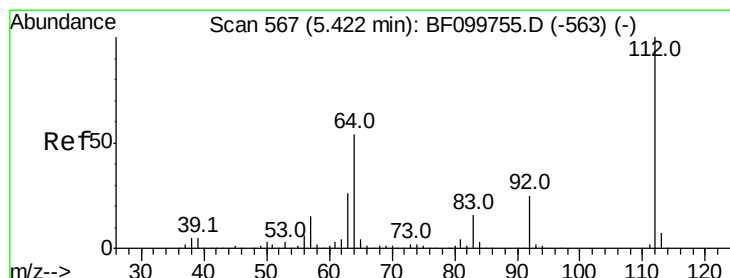
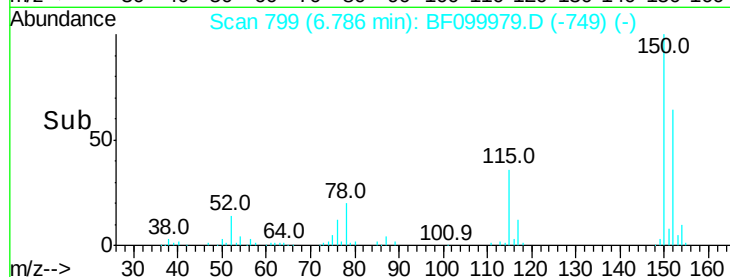
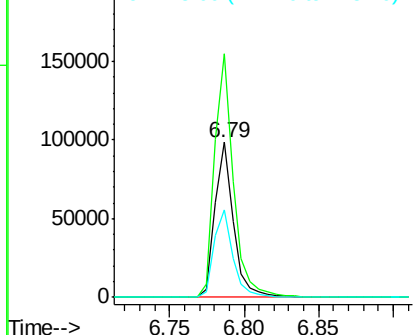
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099979.D
Acq: 31 Oct 2017 00:38

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

Tot Ion:152 Resp: 85506
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 56.8 50.1 75.1



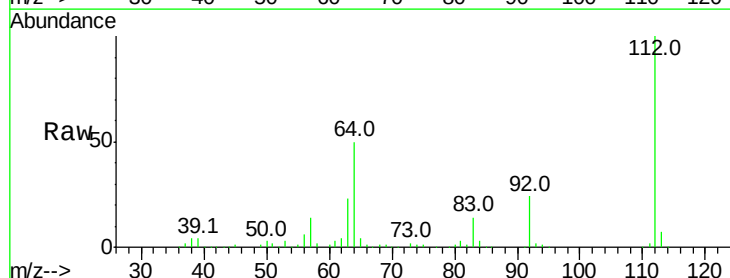
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



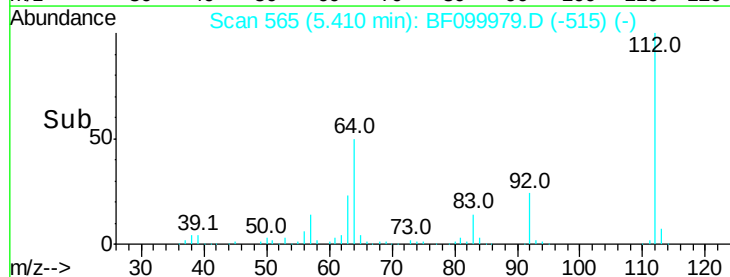
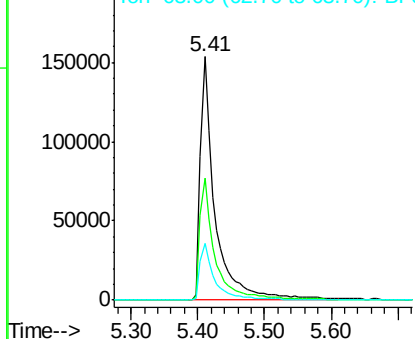
#5

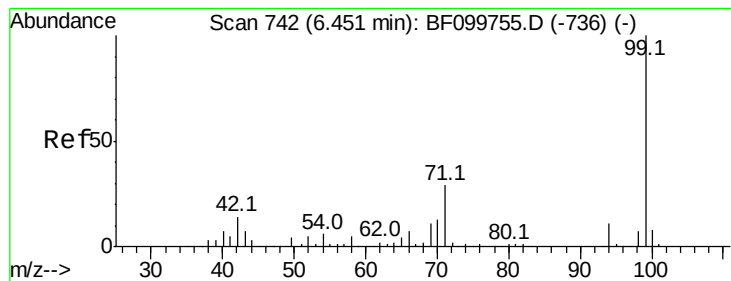
2-Fluorophenol
Concen: 41.991 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099979.D
Acq: 31 Oct 2017 00:38

Tgt Ion:112 Resp: 228696
Ion Ratio Lower Upper
112 100
64 49.9 47.9 71.9
63 23.3 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: 27.523 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099979.D

Acq: 31 Oct 2017 00:38

Instrument :

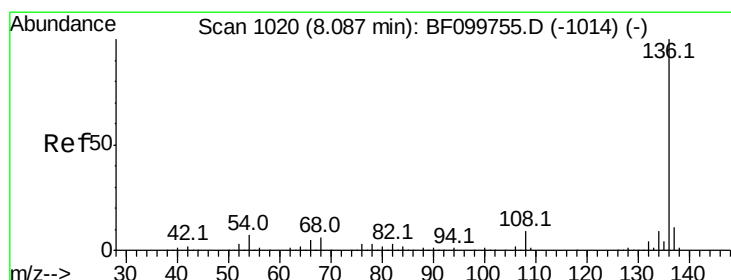
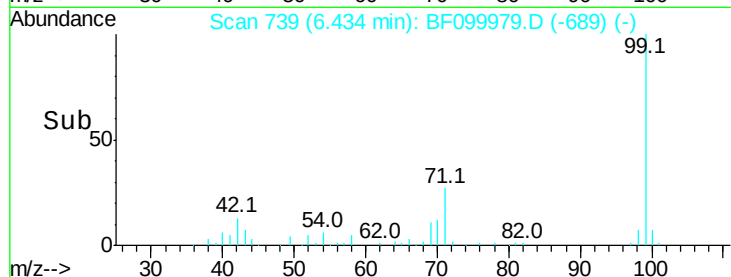
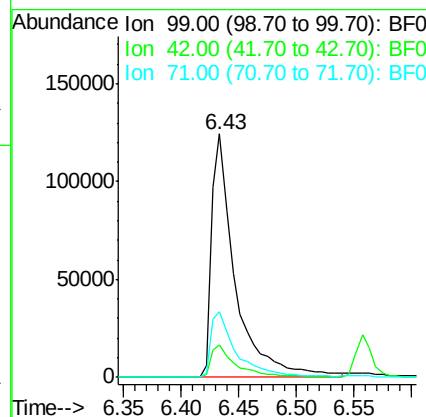
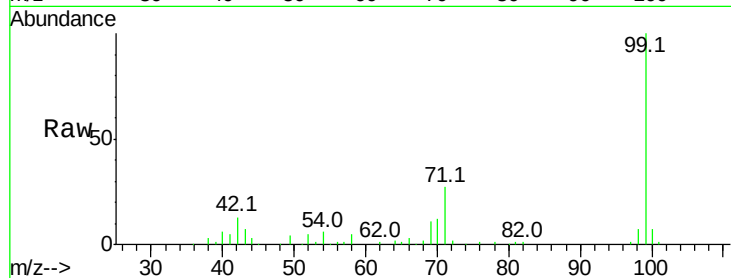
BNA_F

ClientSampleId :

102017-TIFR-F-D-B

Tot Ion: 99 Resp: 177738

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.5	21.7#
71	27.2	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

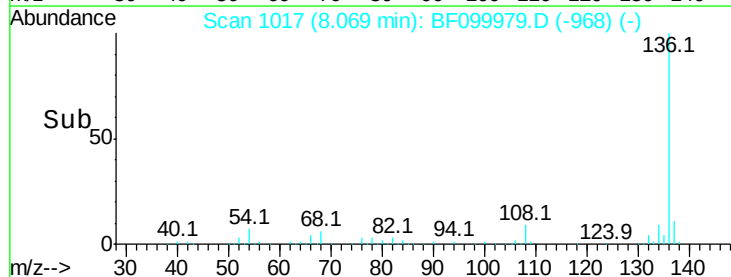
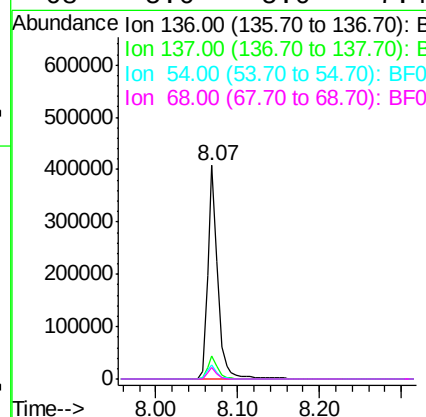
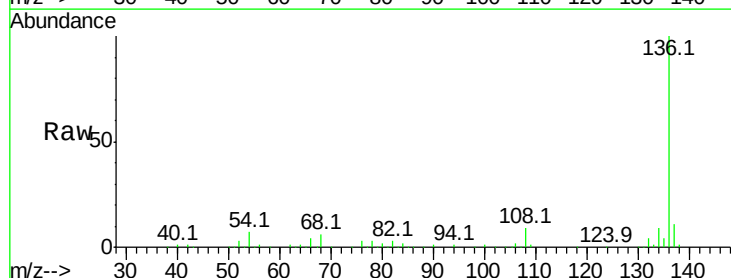
Delta R.T. -0.01 min

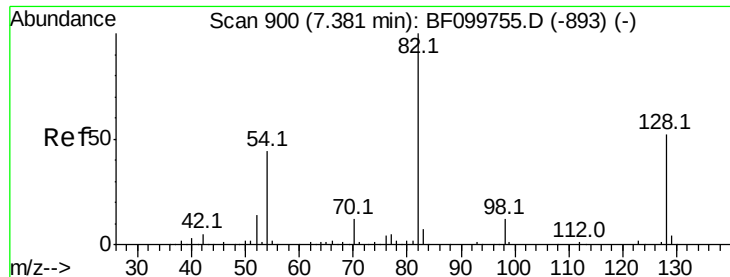
Lab File: BF099979.D

Acq: 31 Oct 2017 00:38

Tgt Ion: 136 Resp: 350000

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	6.6	9.8
68	5.6	5.0	7.4

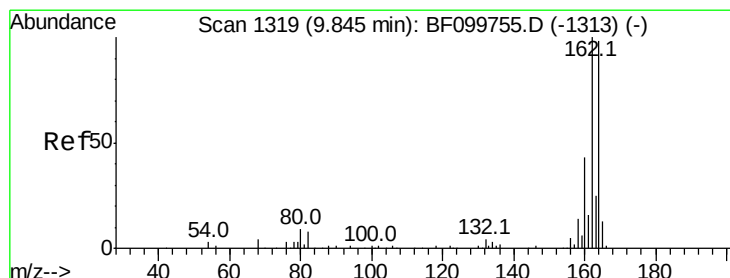
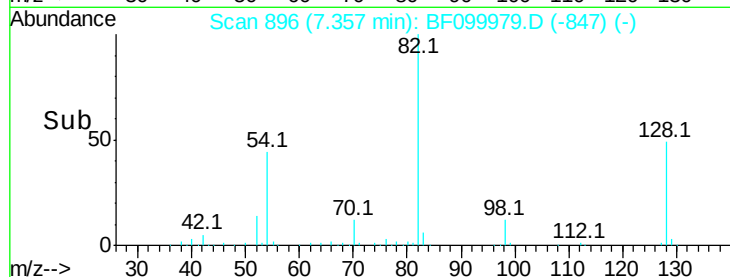
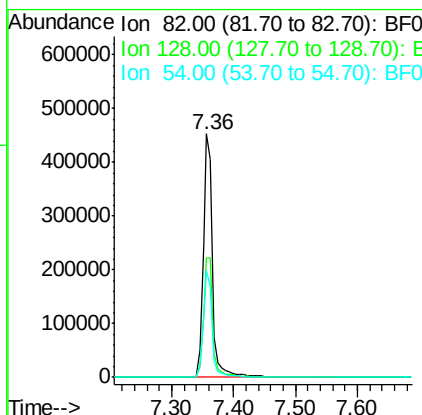
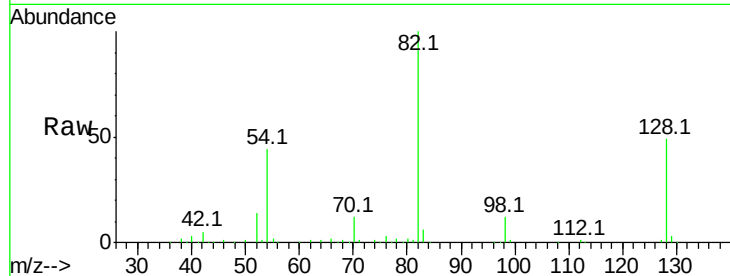




#23
Nitrobenzene-d5
Concen: 87.881 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099979.D
Acq: 31 Oct 2017 00:38

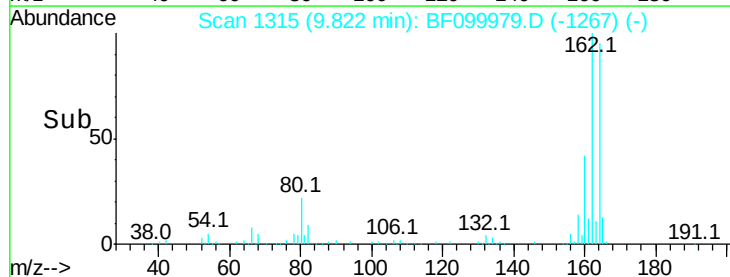
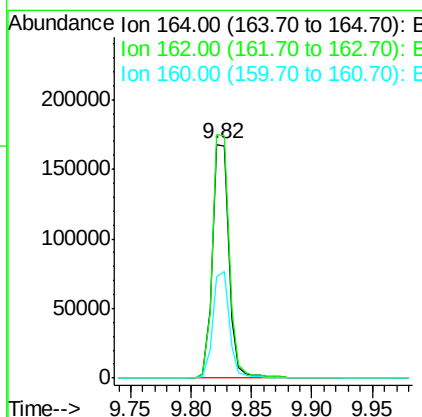
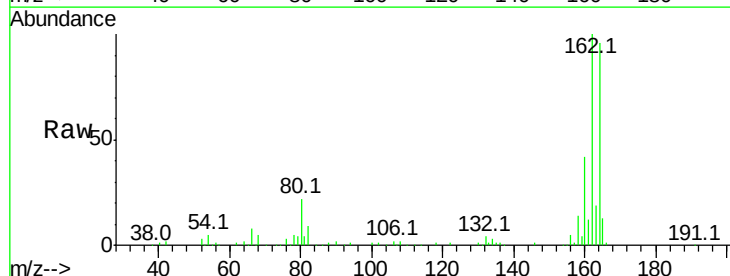
Instrument :
BNA_F
ClientSampleId :
102017-TIFR-F-D-B

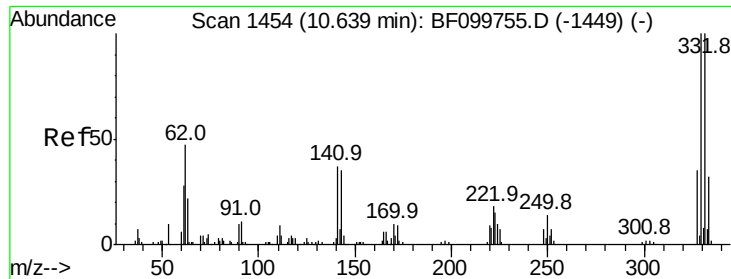
Tot Ion: 82 Resp: 477759
Ion Ratio Lower Upper
82 100
128 49.3 36.1 54.1
54 43.7 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099979.D
Acq: 31 Oct 2017 00:38

Tgt Ion:164 Resp: 158136
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 43.6 38.3 57.5

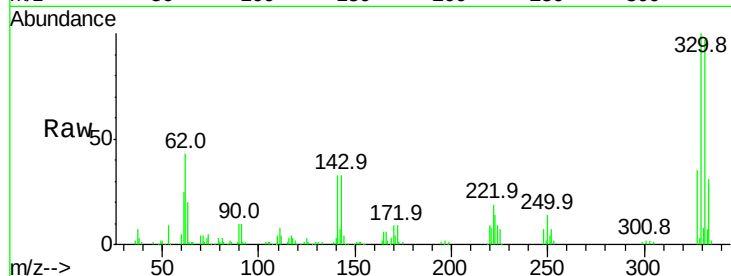




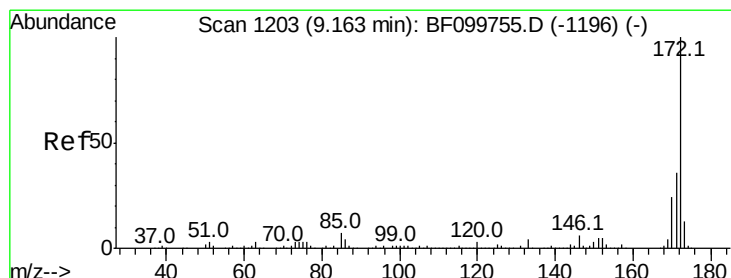
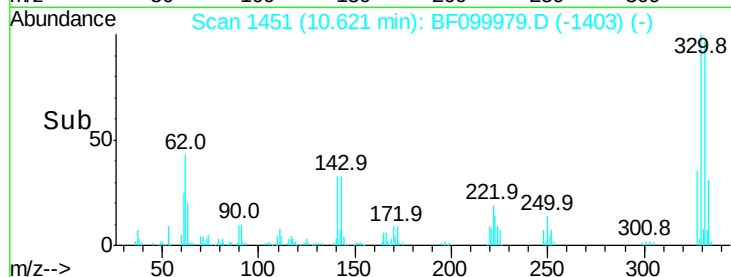
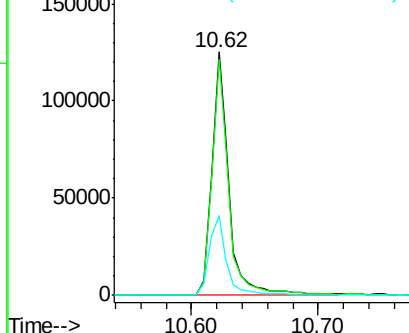
#41
 2,4,6-Tribromophenol
 Concen: 82.346 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099979.D
 Acq: 31 Oct 2017 00:38

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

Tot Ion:330 Resp: 118671
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 33.4 29.9 44.9

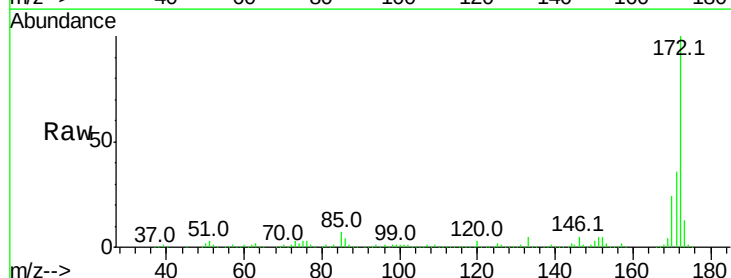


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

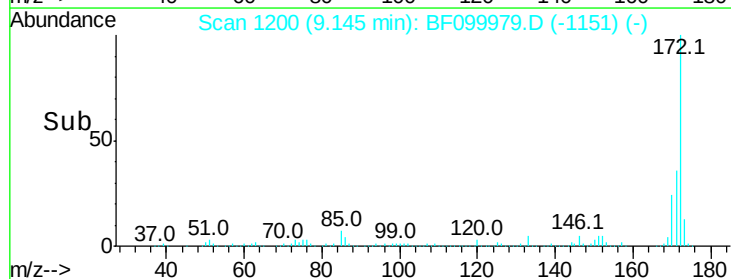
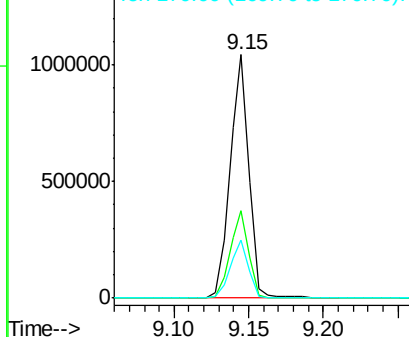


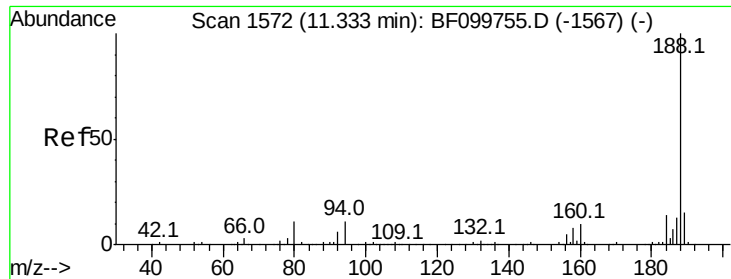
#44
 2-Fluorobiphenyl
 Concen: 90.596 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099979.D
 Acq: 31 Oct 2017 00:38

Tgt Ion:172 Resp: 928579
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 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: BF099979.D

Acq: 31 Oct 2017 00:38

Instrument :

BNA_F

ClientSampleId :

102017-TIFR-F-D-B

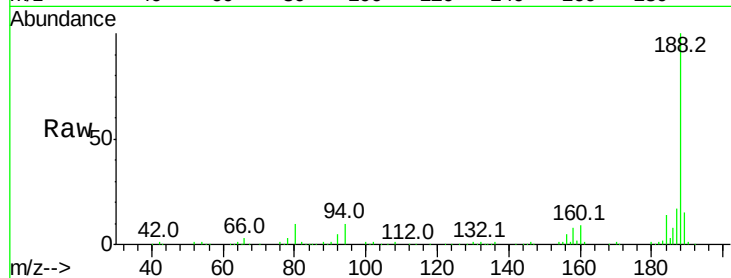
Tot Ion:188 Resp: 259706

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

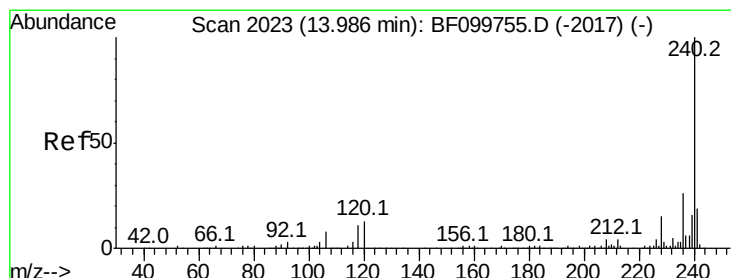
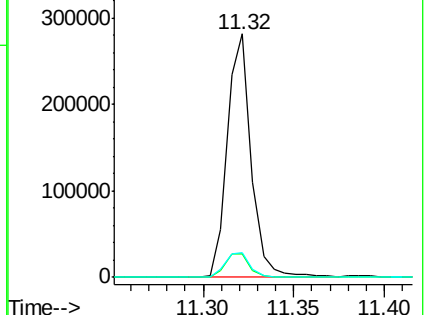
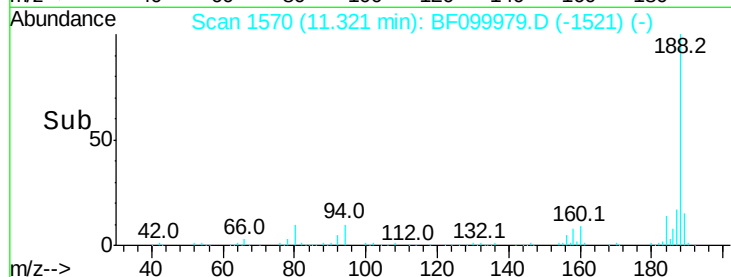
80 10.1 9.2 13.8



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: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF099979.D

Acq: 31 Oct 2017 00:38

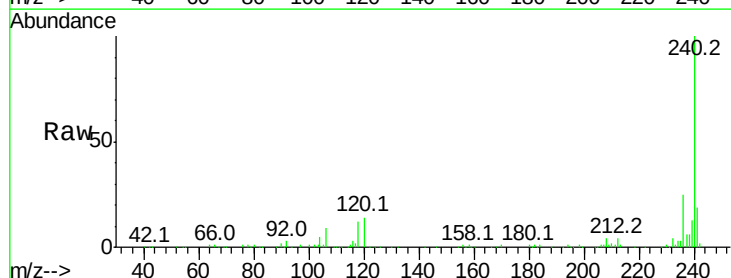
Tgt Ion:240 Resp: 174911

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

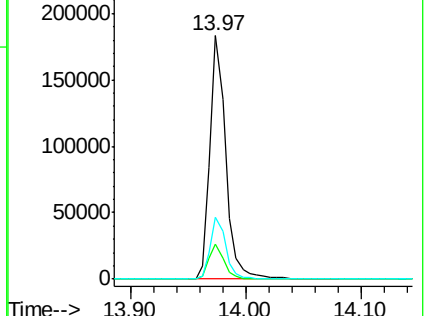
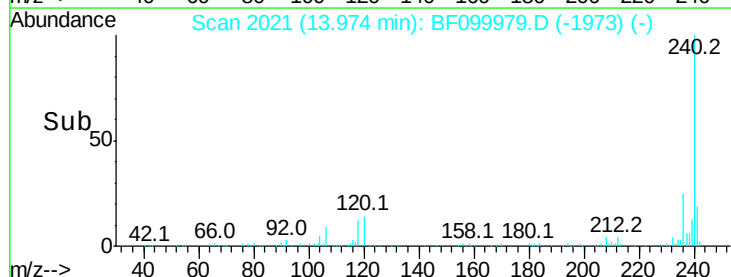
236 25.4 20.7 31.1

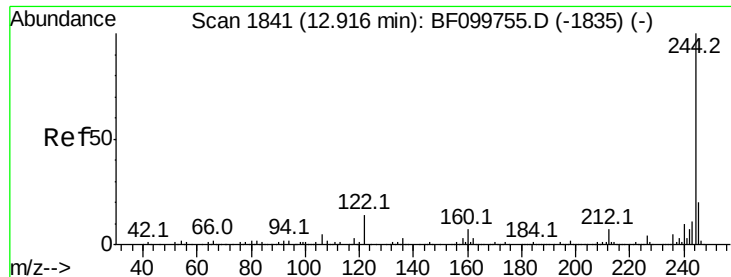


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.902 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF099979.D

Acq: 31 Oct 2017 00:38

Instrument :

BNA_F

ClientSampleId :

102017-TIFR-F-D-B

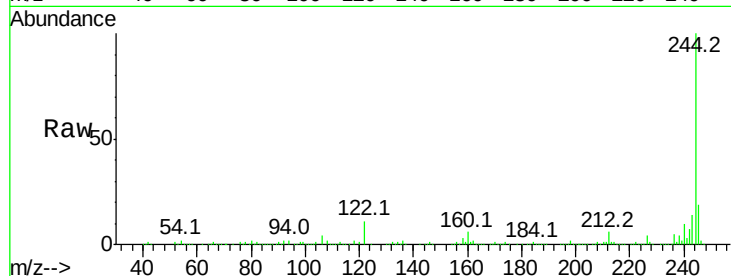
Tot Ion:244 Resp: 743565

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

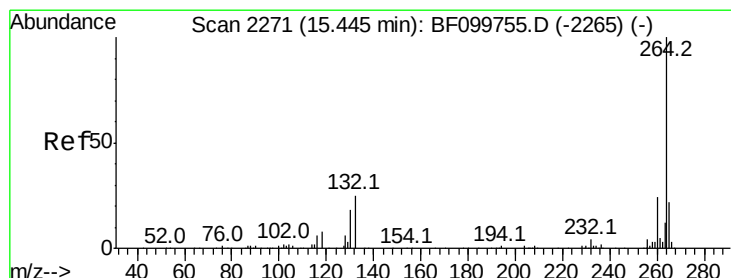
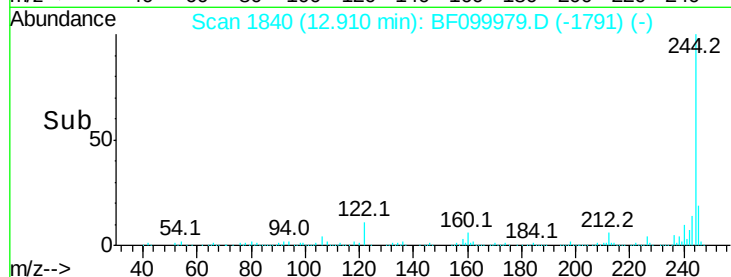
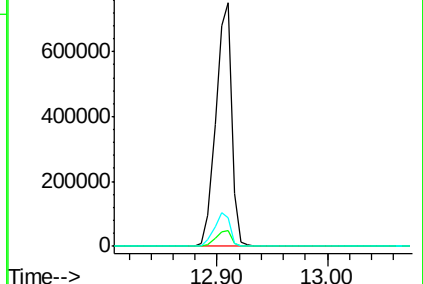
122 11.5 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF099979.D

Acq: 31 Oct 2017 00:38

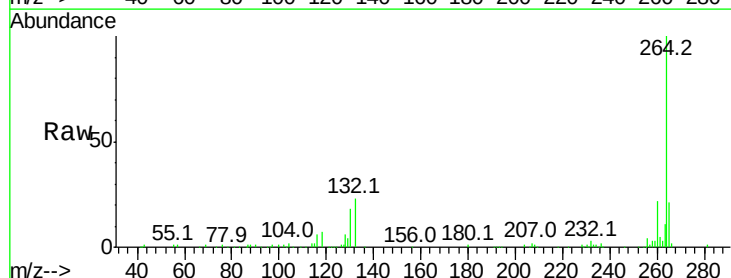
Tgt Ion:264 Resp: 160723

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.7 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

