

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099257.D
 Acq On : 9 Oct 2017 3:31
 Operator : SJ/JU
 Sample : I5645-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100317-TIDO-F-U-S

Quant Time: Oct 09 05:19:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

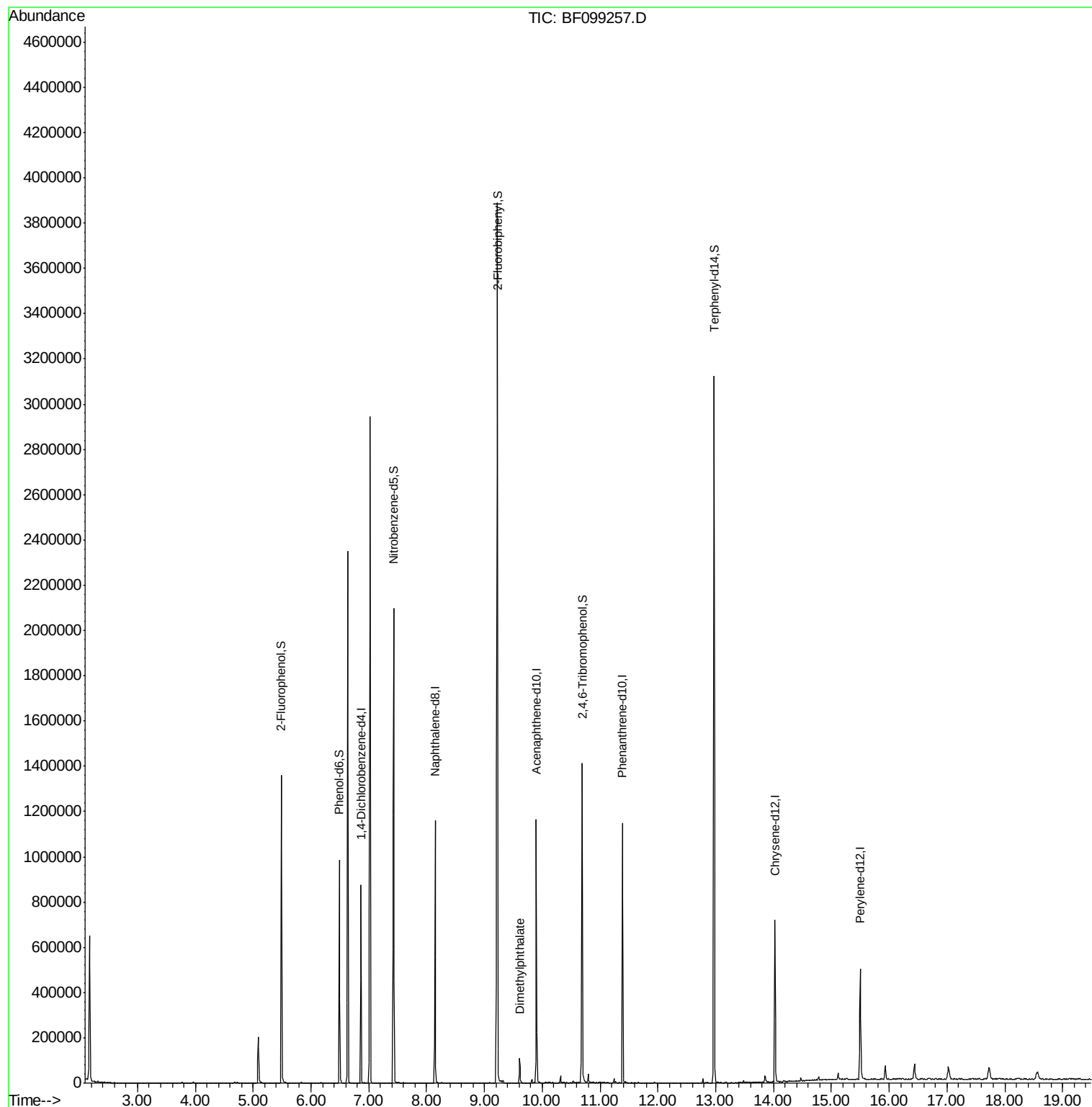
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122439	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	505930	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	229318	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	392433	20.00	ng	0.00
75) Chrysene-d12	14.03	240	235505	20.00	ng	0.00
86) Perylene-d12	15.50	264	210667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	391525	50.90	ng	0.00
7) Phenol-d6	6.49	99	303229	31.96	ng	0.00
23) Nitrobenzene-d5	7.43	82	779259	98.78	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	174270	92.87	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1366720	99.50	ng	0.00
78) Terphenyl-d14	12.97	244	1142976	110.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	44715	2.584	ng	Qvalue 98

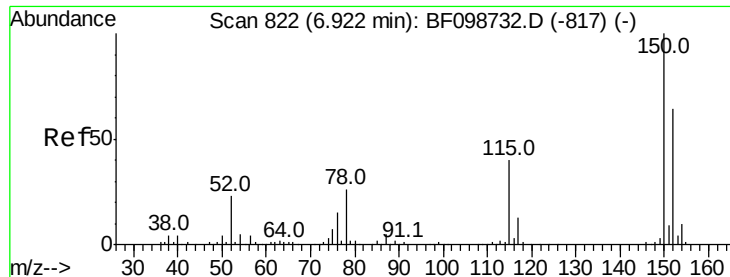
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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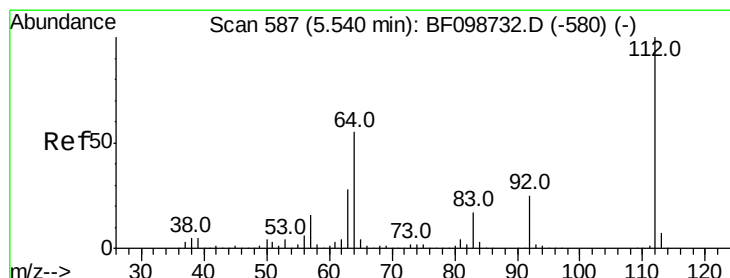
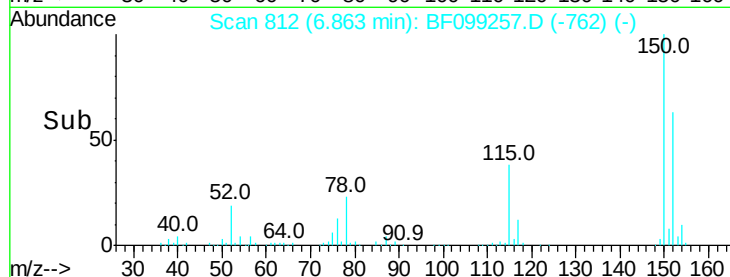
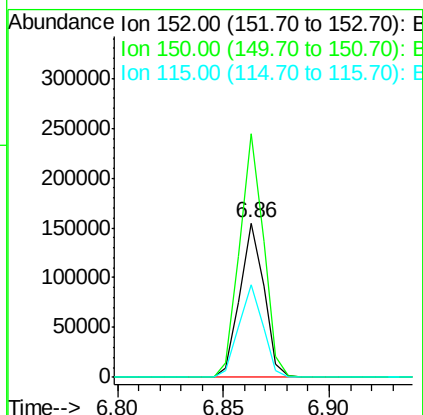
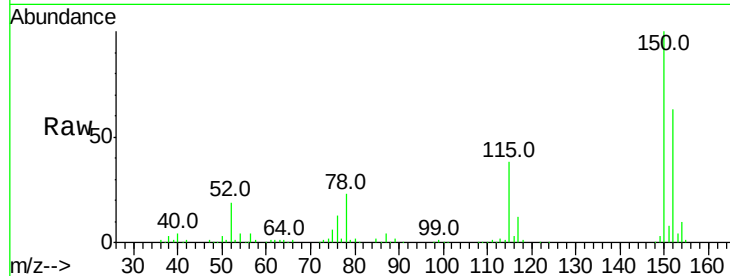


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099257.D
 Acq: 9 Oct 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 100317-TIDO-F-U-S

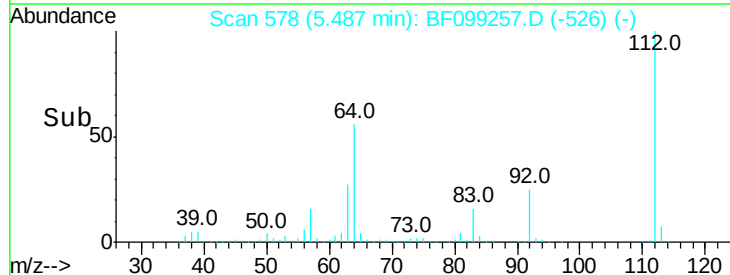
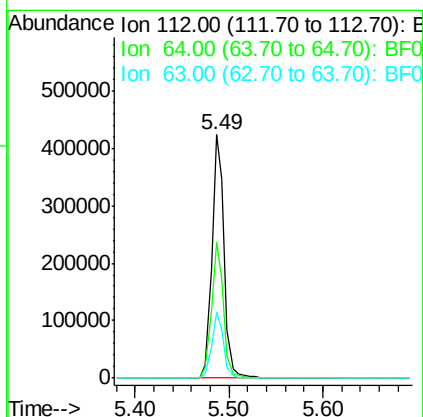
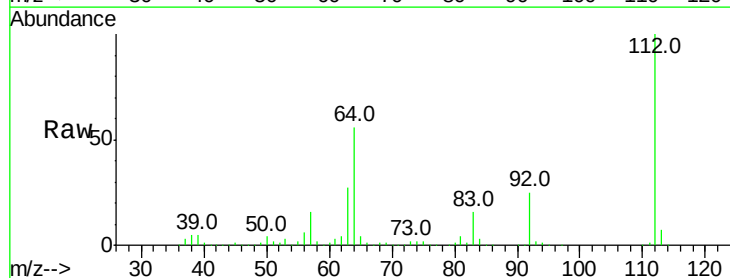
Tot Ion:152 Resp: 122439
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 59.9 50.1 75.1

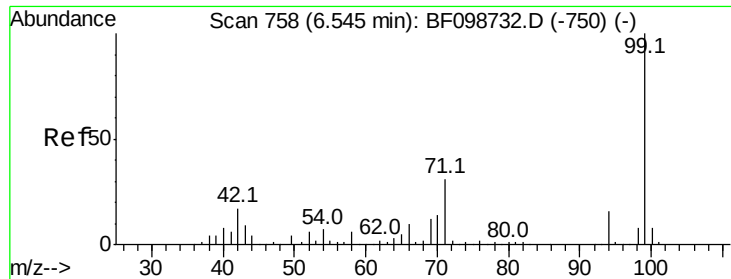


#5

2-Fluorophenol
 Concen: 50.904 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099257.D
 Acq: 9 Oct 2017 3:31

Tgt Ion:112 Resp: 391525
 Ion Ratio Lower Upper
 112 100
 64 56.0 47.9 71.9
 63 26.9 23.7 35.5





#7

Phenol-d6

Concen: 31.959 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

Instrument :

BNA_F

ClientSampleId :

100317-TIDO-F-U-S

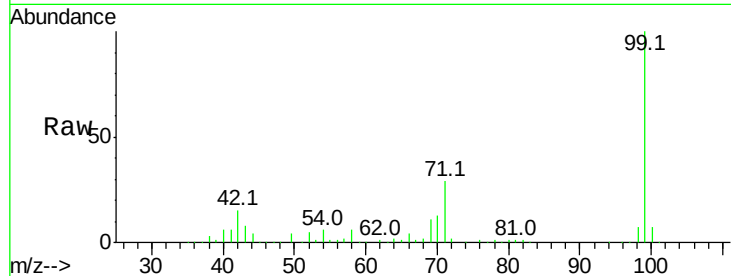
Tot Ion: 99 Resp: 303229

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

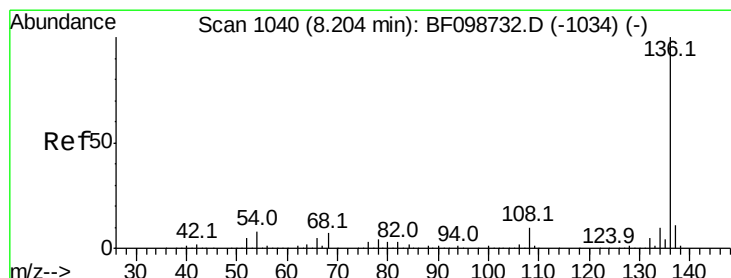
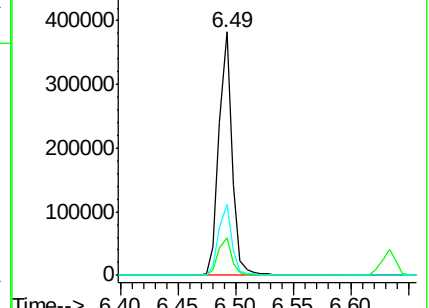
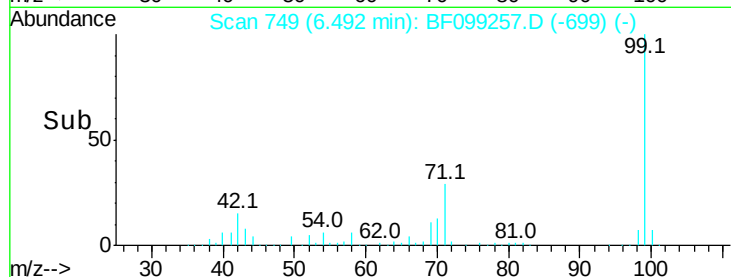
71 29.3 25.4 38.0



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

Tgt Ion: 136 Resp: 505930

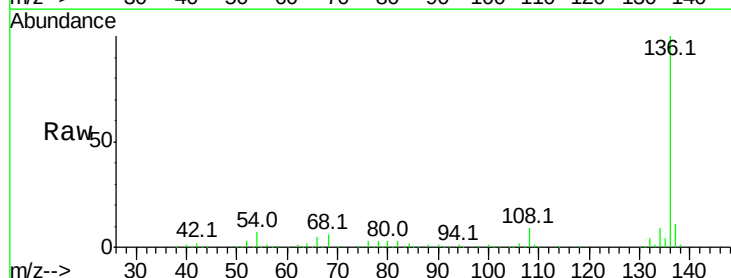
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 6.6 9.8

68 5.9 5.0 7.4

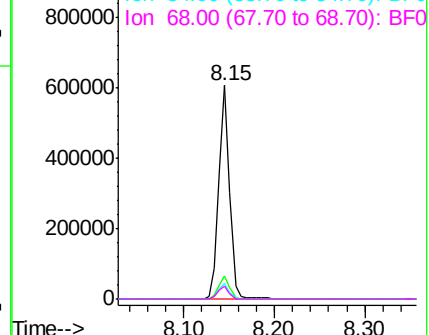
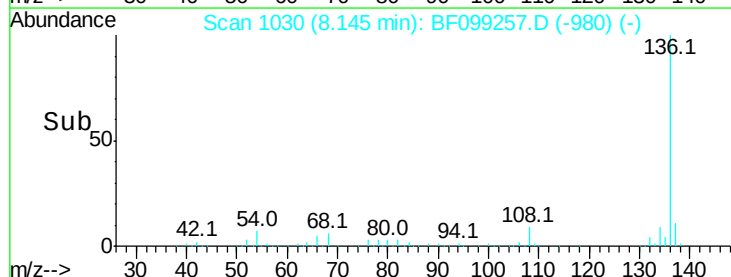


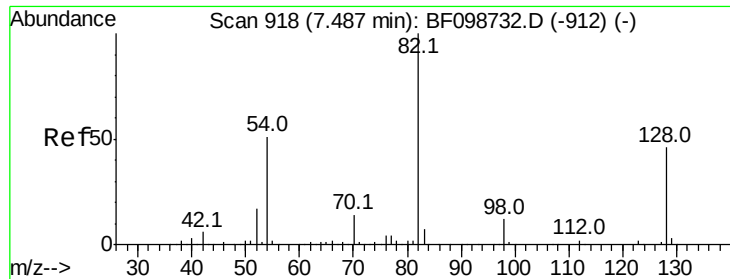
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

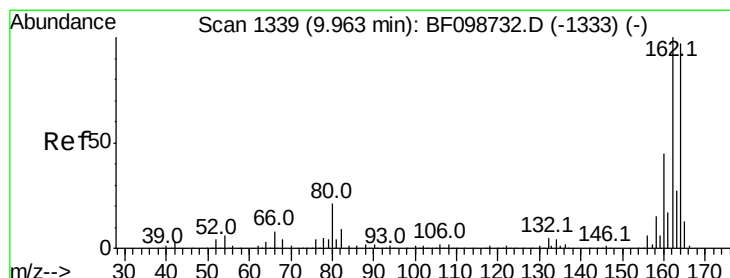
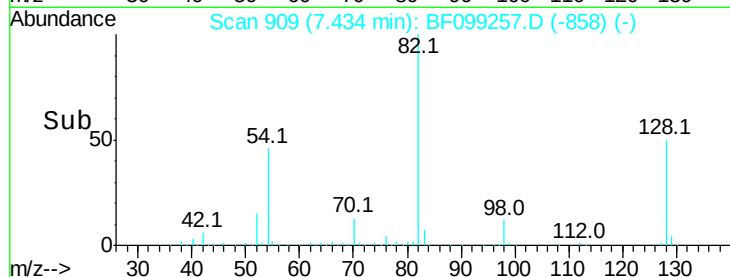
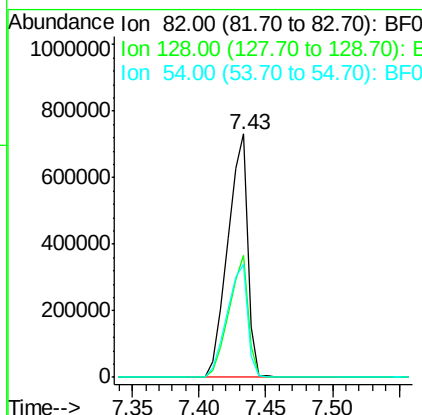
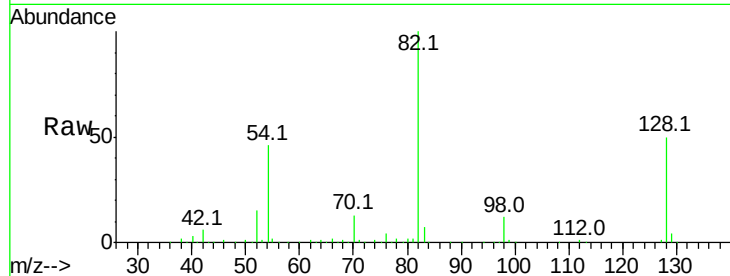




#23
 Nitrobenzene-d5
 Concen: 98.776 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099257.D
 Acq: 9 Oct 2017 3:31

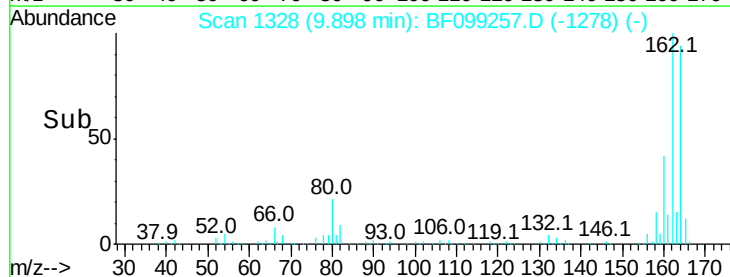
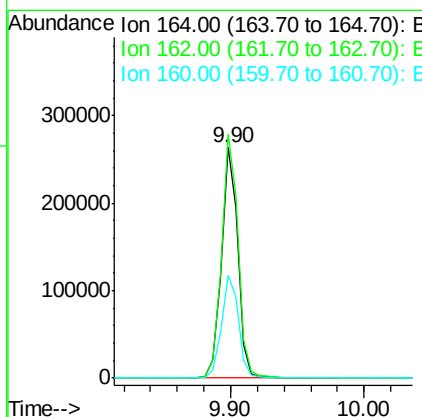
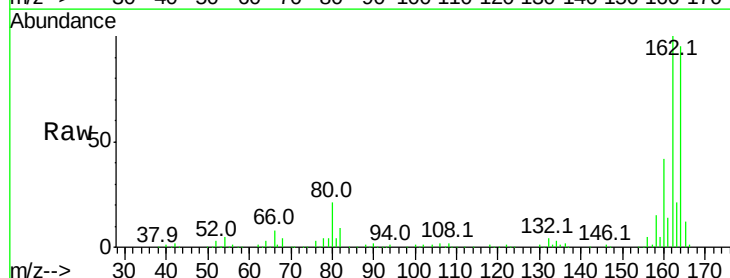
Instrument :
 BNA_F
 ClientSampleId :
 100317-TIDO-F-U-S

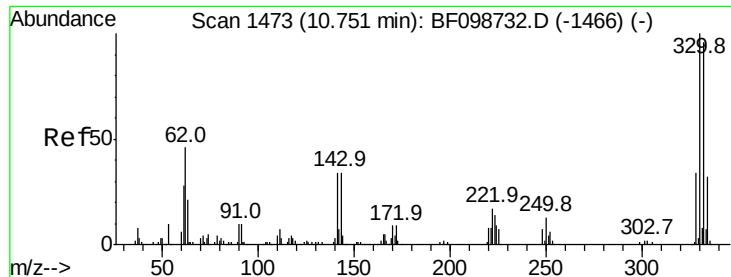
Tot Ion	82	Resp	779259
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	46.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099257.D
 Acq: 9 Oct 2017 3:31

Tgt Ion	164	Resp	229318
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	105.7	38.3	57.5
160	44.8		

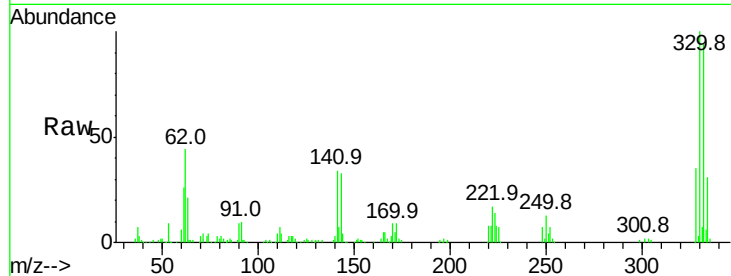




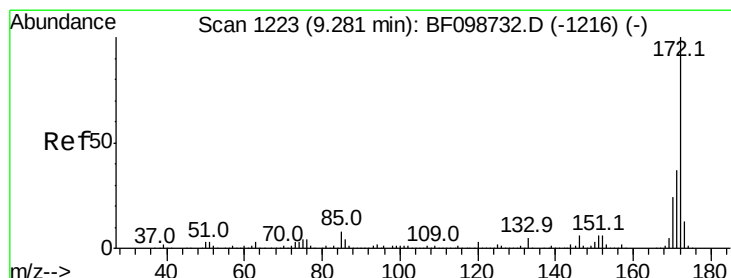
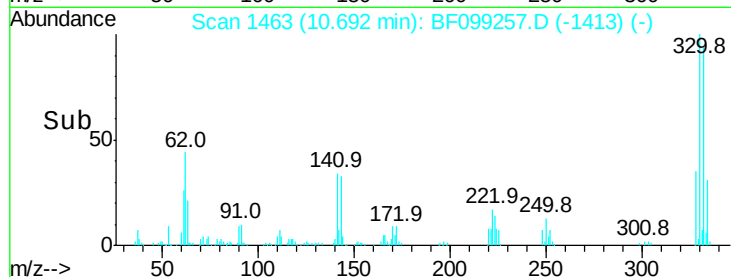
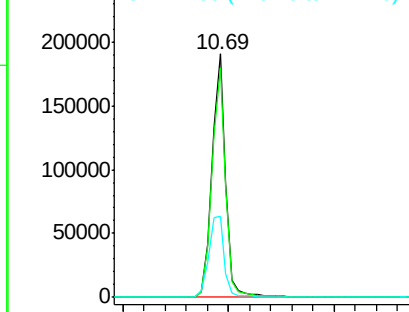
#41
 2,4,6-Tribromophenol
 Concen: 92.873 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099257.D
 Acq: 9 Oct 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 100317-TIDO-F-U-S

Tot Ion:330 Resp: 174270
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 38.3 29.9 44.9

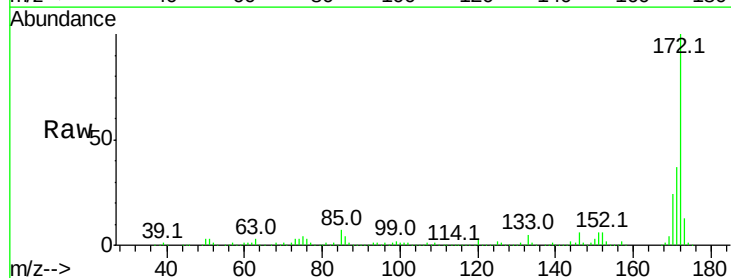


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

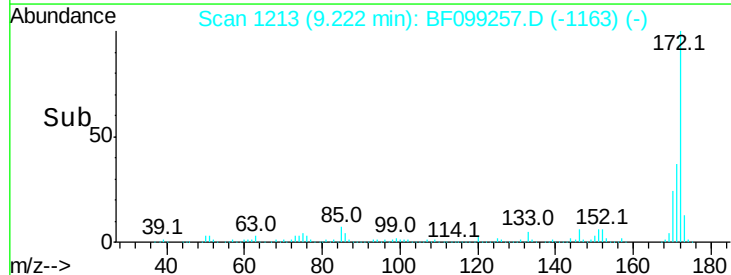
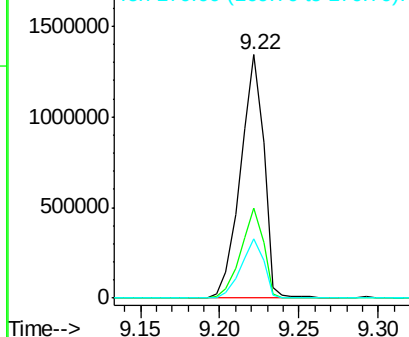


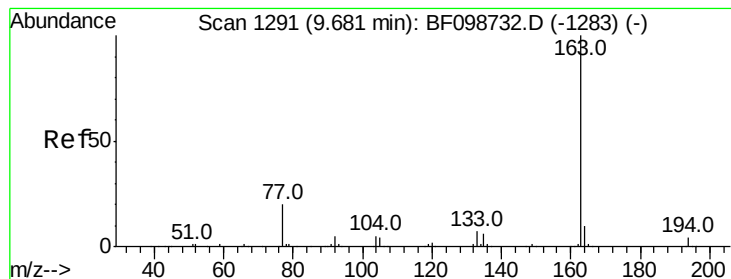
#44
 2-Fluorobiphenyl
 Concen: 99.496 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099257.D
 Acq: 9 Oct 2017 3:31

Tgt Ion:172 Resp: 1366720
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.1 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: 2.584 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

Instrument :

BNA_F

ClientSampleId :

100317-TIDO-F-U-S

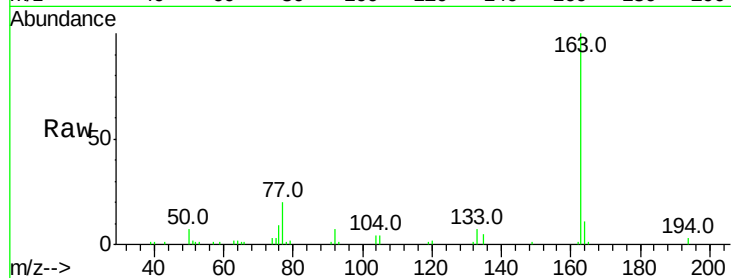
Tot Ion:163 Resp: 44715

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

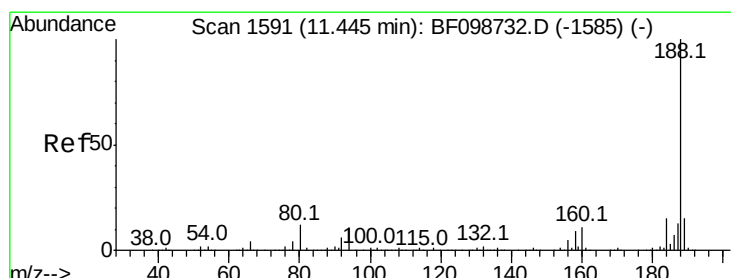
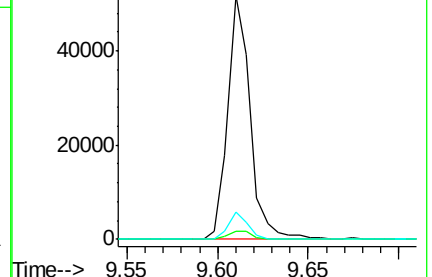
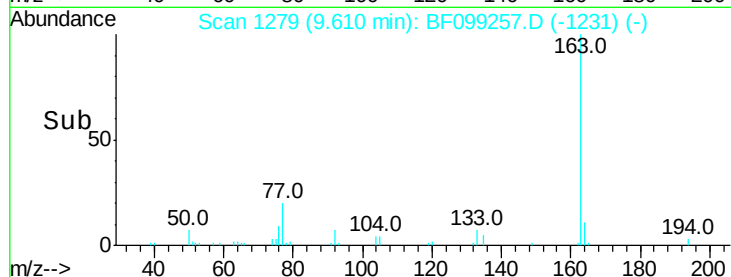
164 11.0 8.2 12.2



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: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

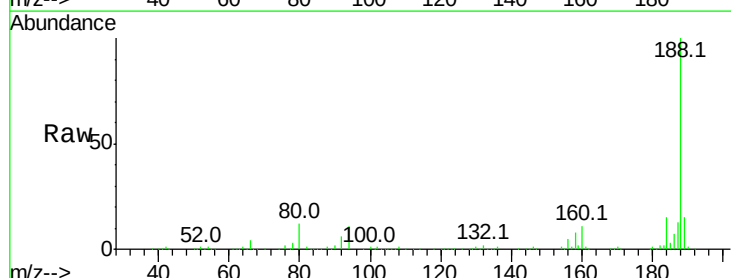
Tgt Ion:188 Resp: 392433

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

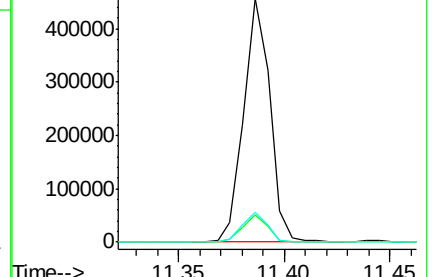
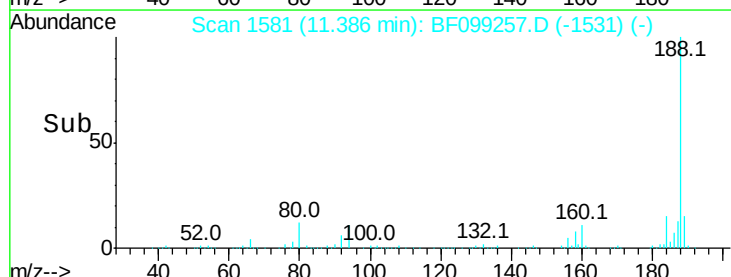
80 12.1 9.2 13.8

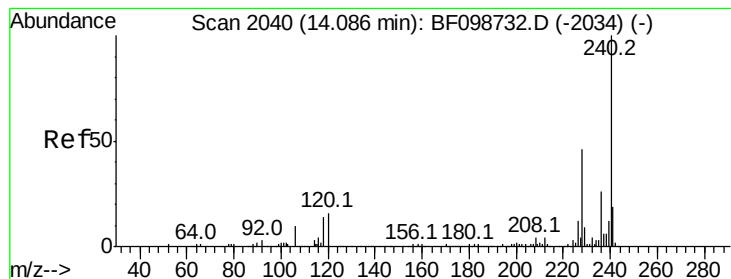


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

Instrument :

BNA_F

ClientSampleId :

100317-TIDO-F-U-S

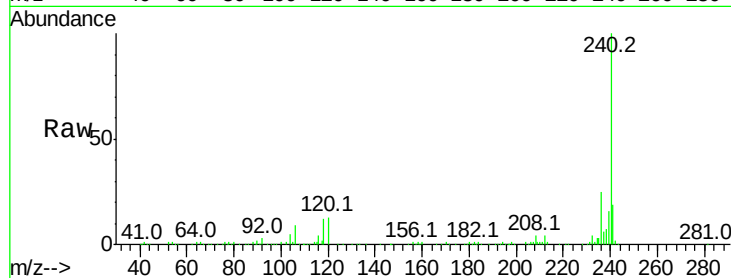
Tot Ion:240 Resp: 235505

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

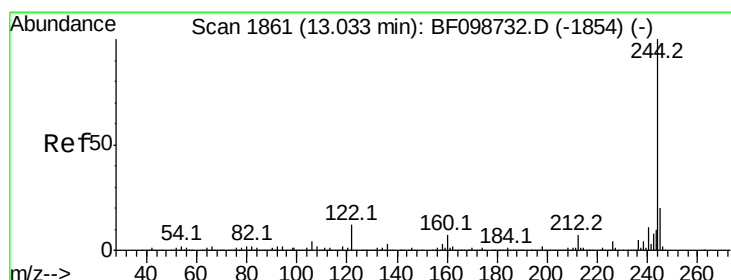
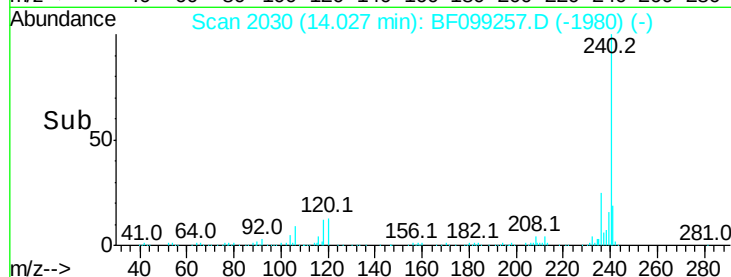
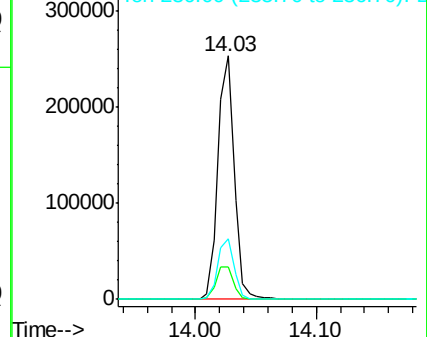
236 25.1 20.7 31.1



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: 110.374 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

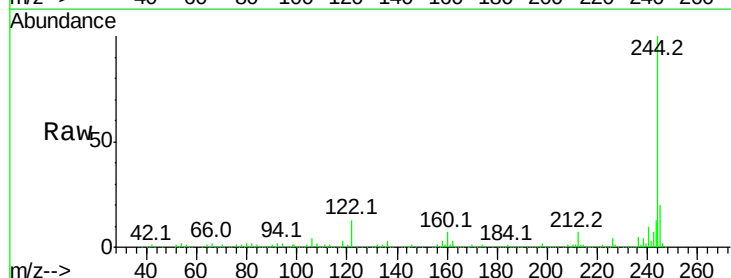
Tgt Ion:244 Resp: 1142976

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

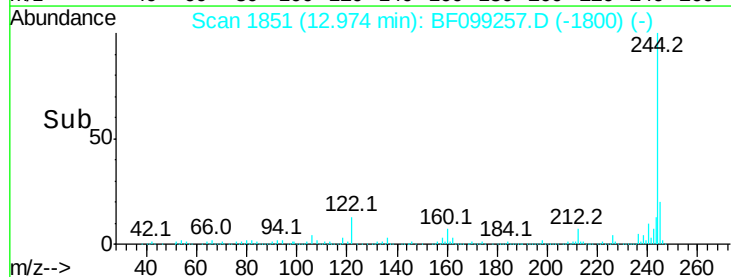
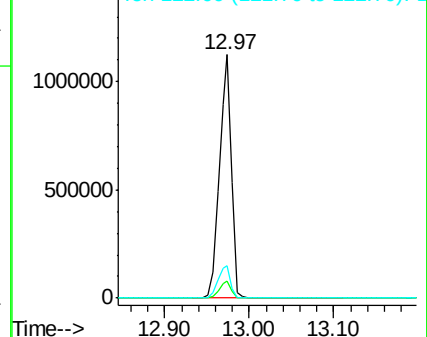
122 13.1 11.0 16.4

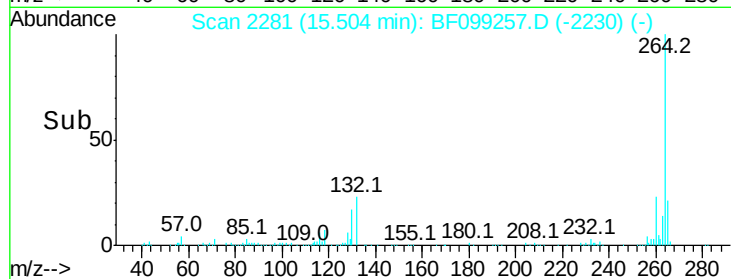
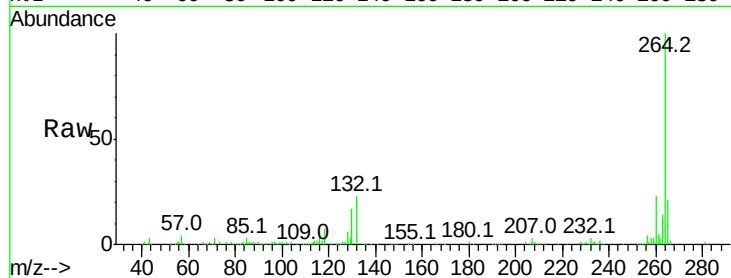
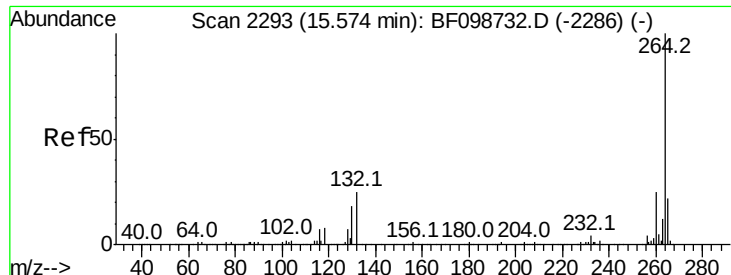


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

Instrument :

BNA_F

ClientSampleId :

100317-TIDO-F-U-S

Tot Ion:264 Resp: 210667

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.4 17.5 26.3

