

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099978.D
 Acq On : 31 Oct 2017 00:12
 Operator : SJ/JU
 Sample : I6083-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIDO-F-U-S

Quant Time: Oct 31 04:12:43 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	83694	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	339119	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	149056	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	241506	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	161220	20.00	ng	-0.01
86) Perylene-d12	15.47	264	146694	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	234967	44.08	ng	0.00
7) Phenol-d6	6.43	99	175898	27.83	ng	0.00
23) Nitrobenzene-d5	7.36	82	483836	91.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	111319	81.95	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	943034	97.61	ng	-0.01
78) Terphenyl-d14	12.91	244	716661	97.14	ng	-0.01

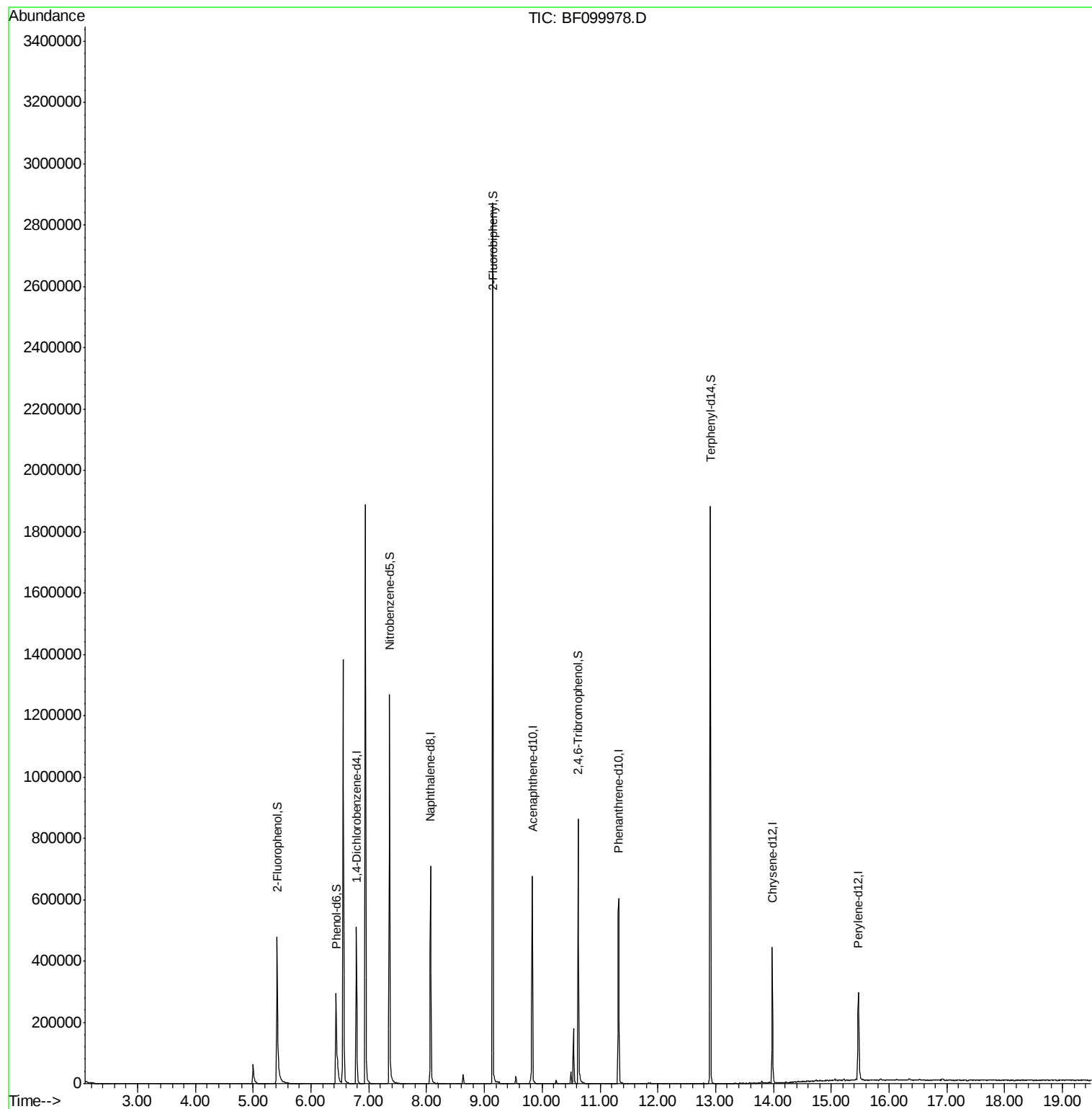
Target Compounds Qvalue

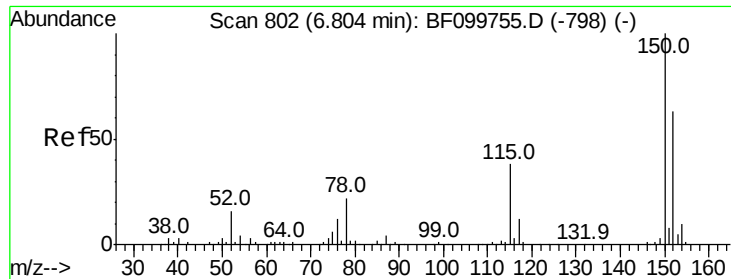
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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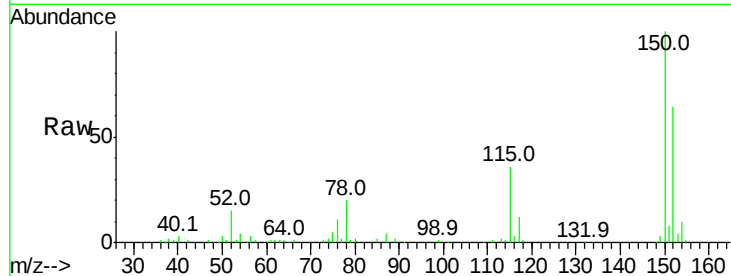


#1

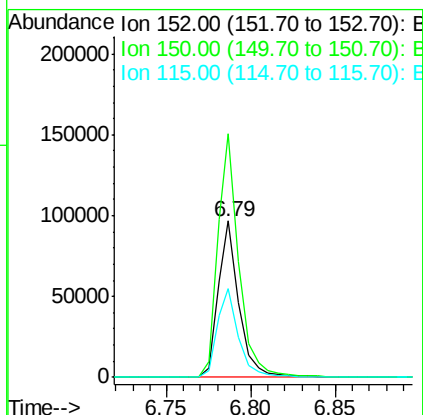
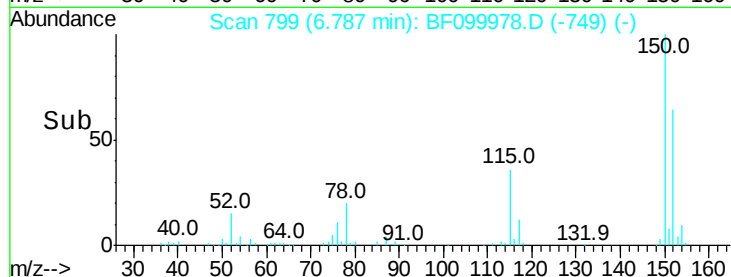
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099978.D
 Acq: 31 Oct 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIDO-F-U-S

Tot Ion:152 Resp: 83694
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 56.7 50.1 75.1



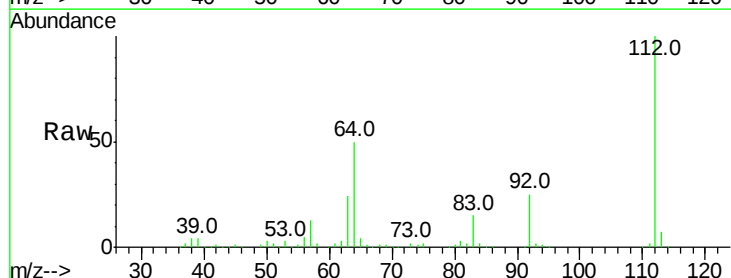
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



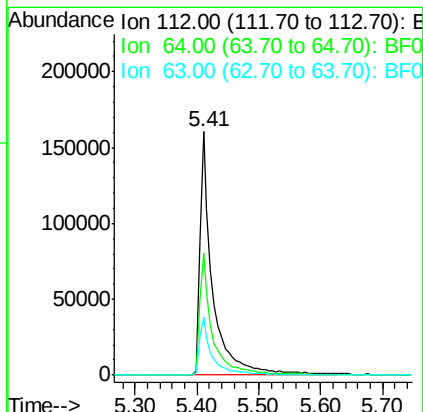
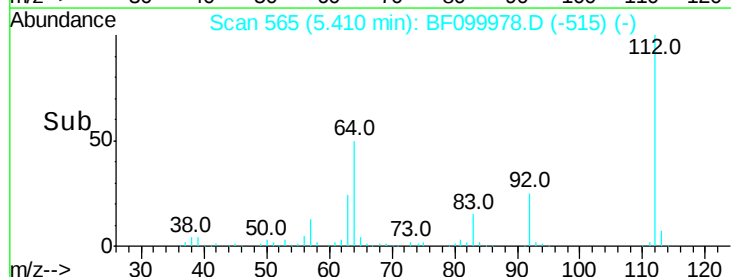
#5

2-Fluorophenol
 Concen: 44.076 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099978.D
 Acq: 31 Oct 2017 00:12

Tgt Ion:112 Resp: 234967
 Ion Ratio Lower Upper
 112 100
 64 50.3 47.9 71.9
 63 23.6 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: 27.828 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099978.D

Acq: 31 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

102017-TIDO-F-U-S

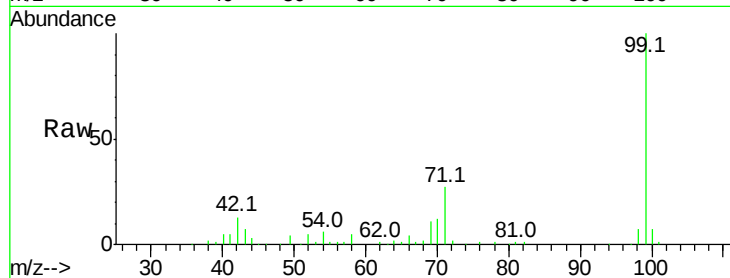
Tot Ion: 99 Resp: 175898

Ion Ratio Lower Upper

99 100

42 12.7 14.5 21.7#

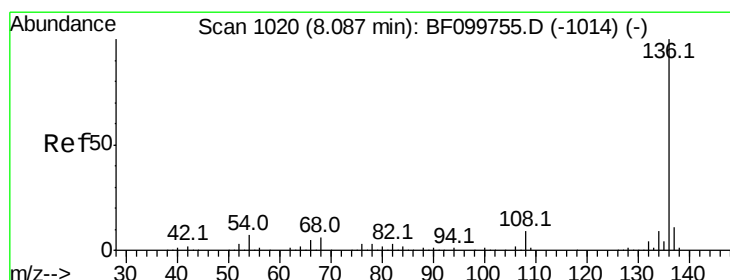
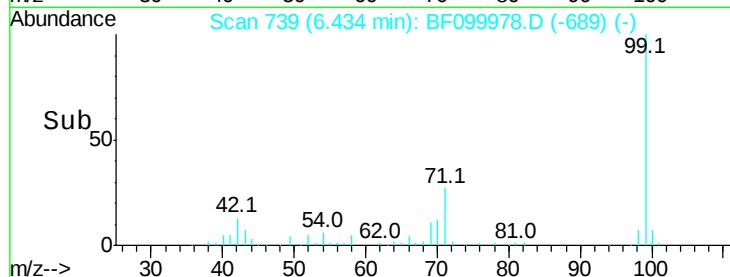
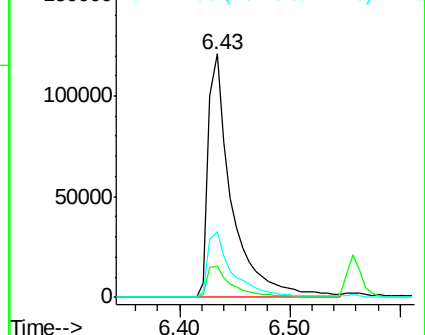
71 26.8 25.4 38.0



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: BF099978.D

Acq: 31 Oct 2017 00:12

Tgt Ion: 136 Resp: 339119

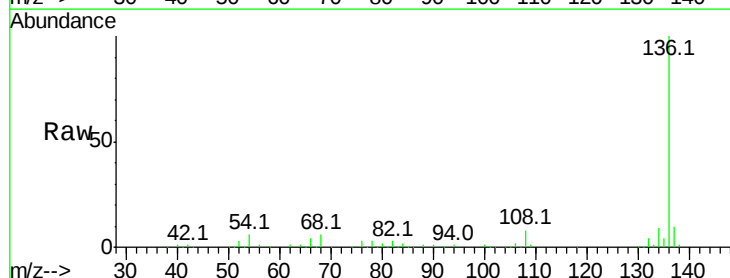
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 6.2 6.6 9.8#

68 5.7 5.0 7.4

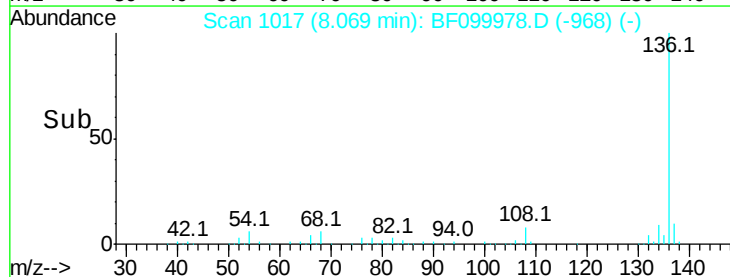
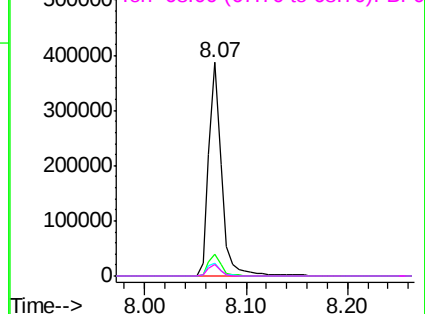


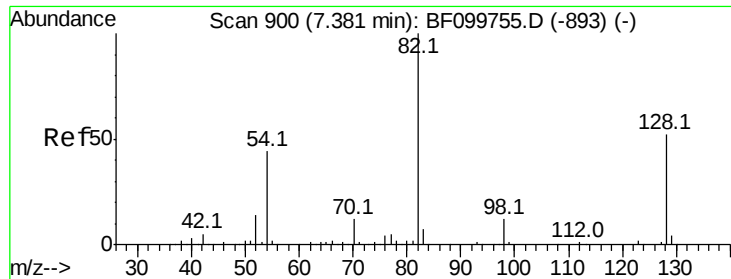
Abundance Ion 136.00 (135.70 to 136.70): E

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

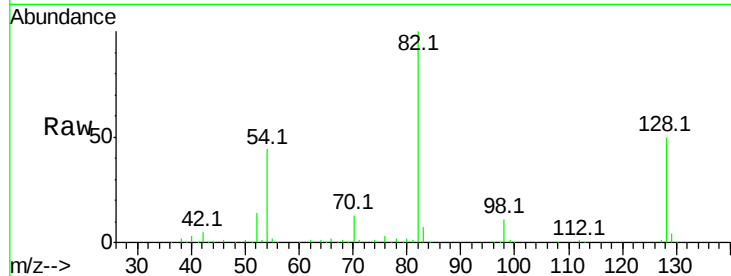




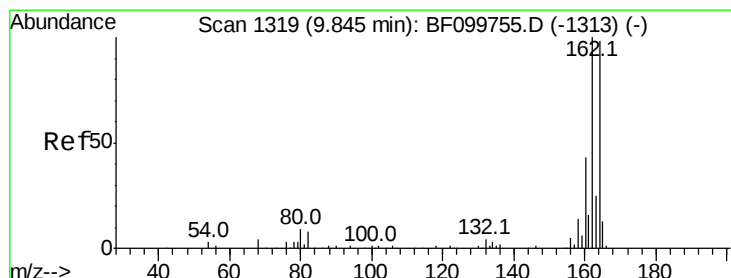
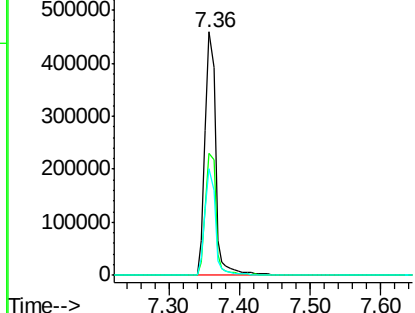
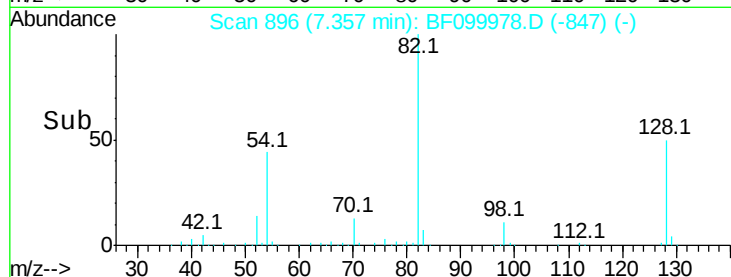
#23
 Nitrobenzene-d5
 Concen: 91.854 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099978.D
 Acq: 31 Oct 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIDO-F-U-S

Tot Ion: 82 Resp: 483836
 Ion Ratio Lower Upper
 82 100
 128 50.1 36.1 54.1
 54 43.8 41.4 62.2

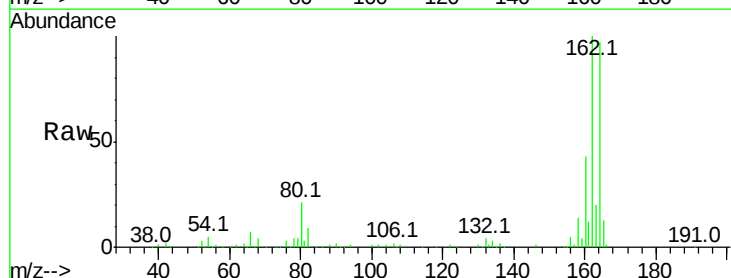


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

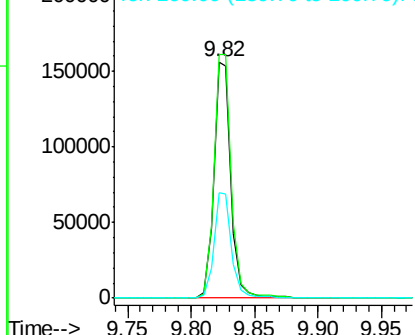
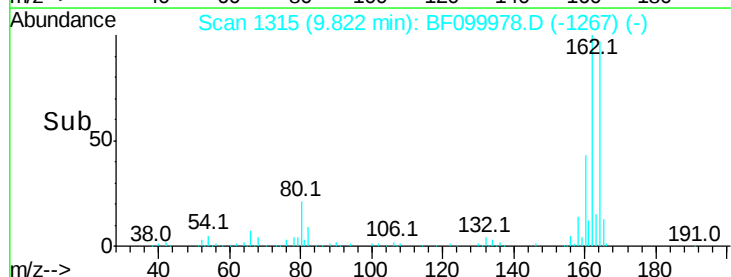


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099978.D
 Acq: 31 Oct 2017 00:12

Tgt Ion:164 Resp: 149056
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 44.5 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

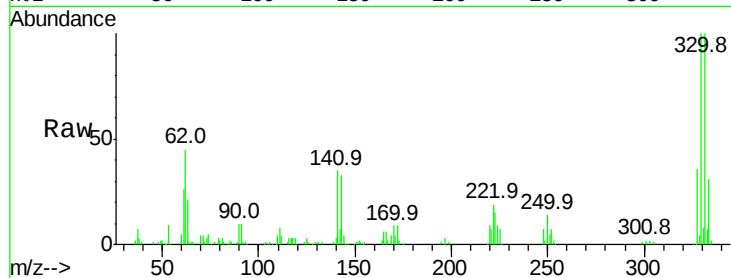




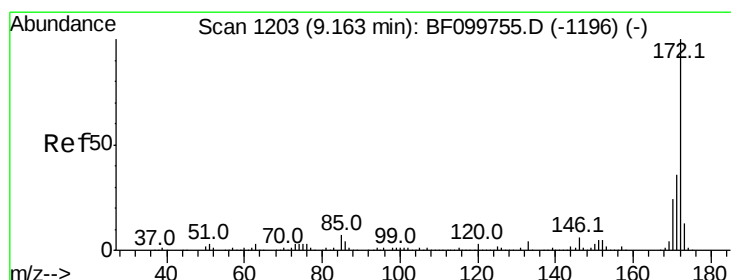
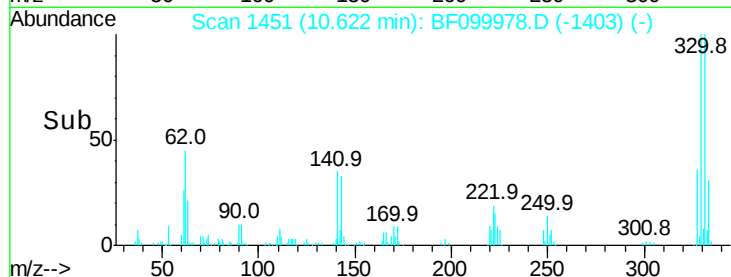
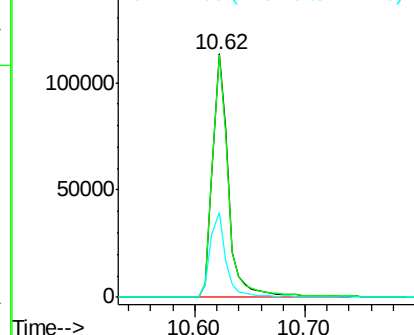
#41
 2,4,6-Tribromophenol
 Concen: 81.950 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099978.D
 Acq: 31 Oct 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :
 102017-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	34.6	29.9	44.9

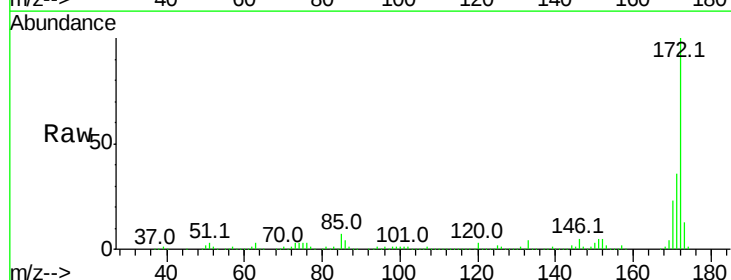


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

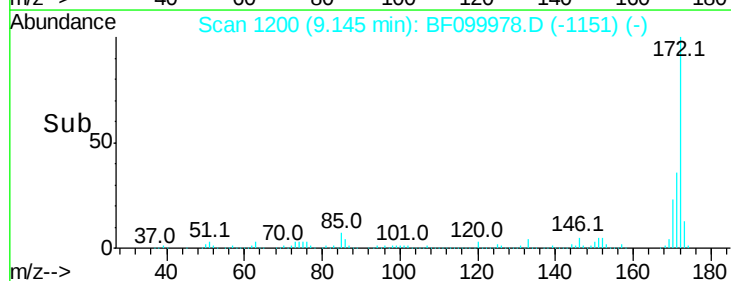
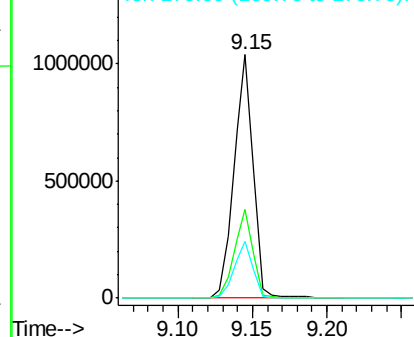


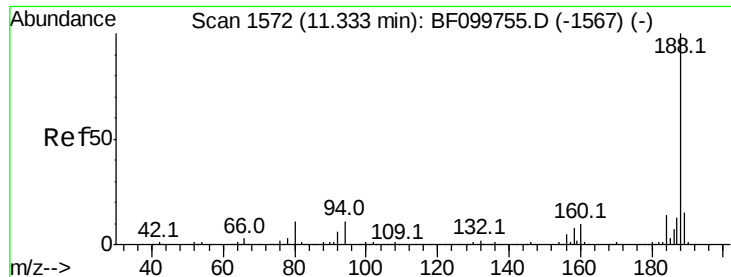
#44
 2-Fluorobiphenyl
 Concen: 97.611 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099978.D
 Acq: 31 Oct 2017 00:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.4	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

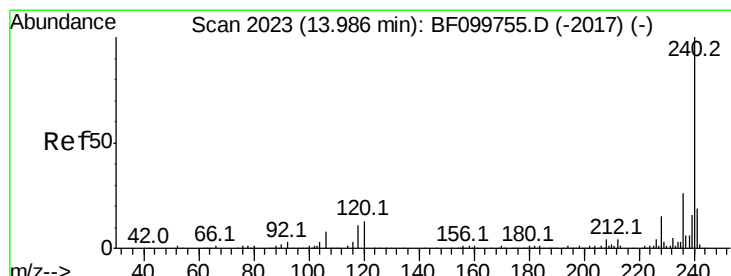
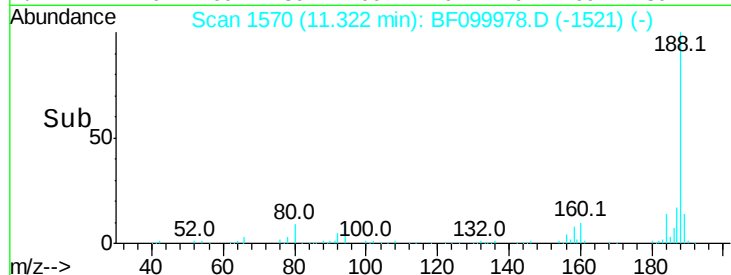
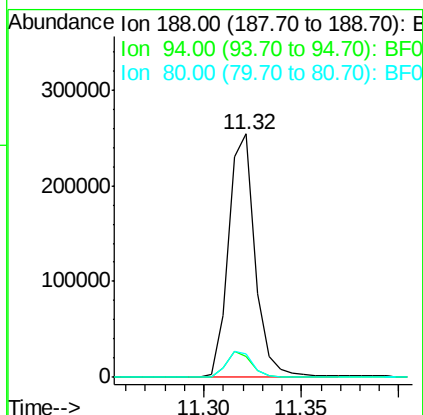
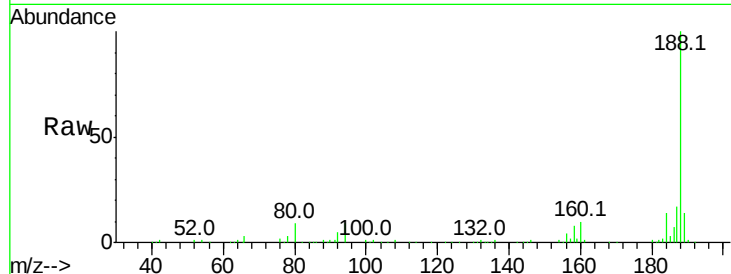




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

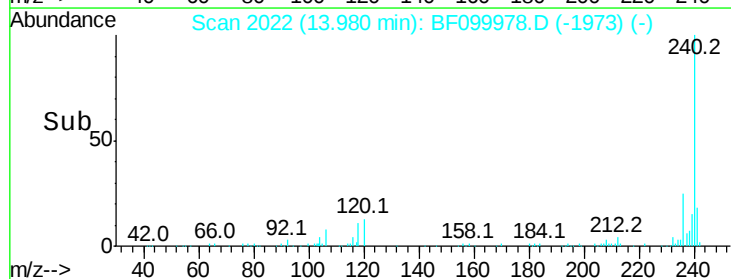
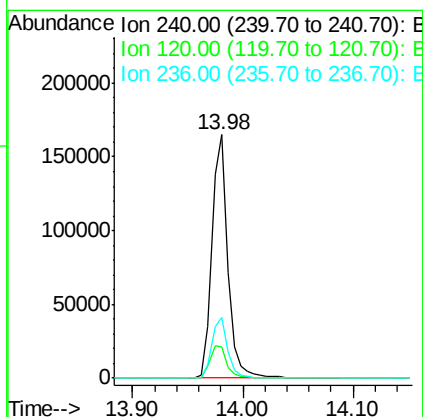
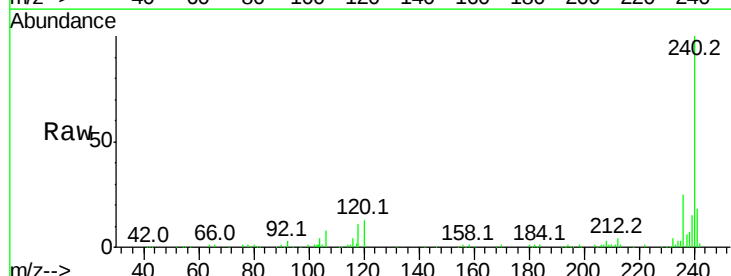
Instrument :
BNA_F
ClientSampleId :
102017-TIDO-F-U-S

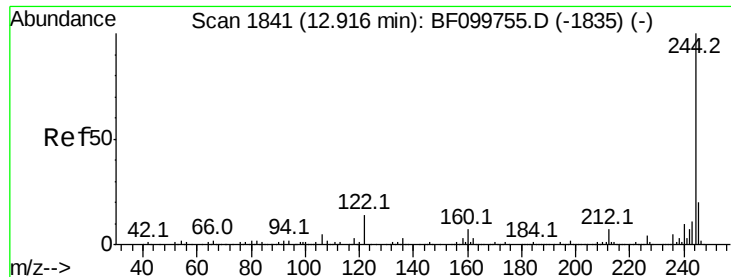
Tot Ion:188 Resp: 241506
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion:240 Resp: 161220
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 24.7 20.7 31.1





#78

Terphenyl-d14

Concen: 97.145 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF099978.D

Acq: 31 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

102017-TIDO-F-U-S

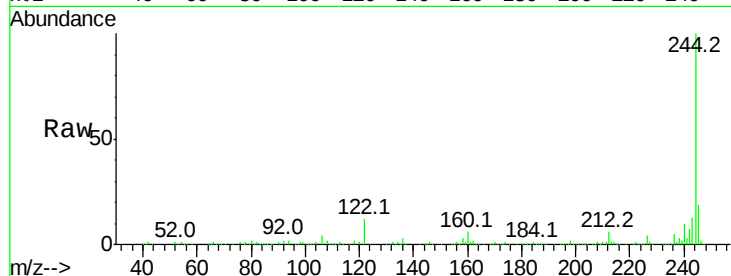
Tot Ion:244 Resp: 716661

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

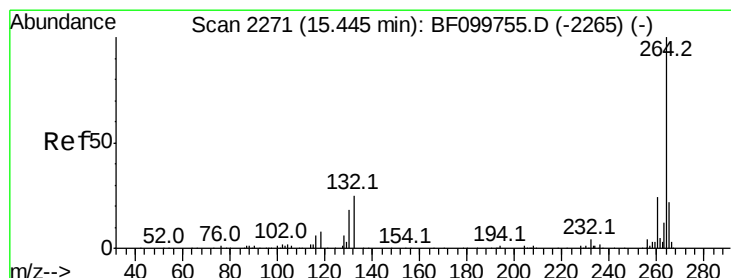
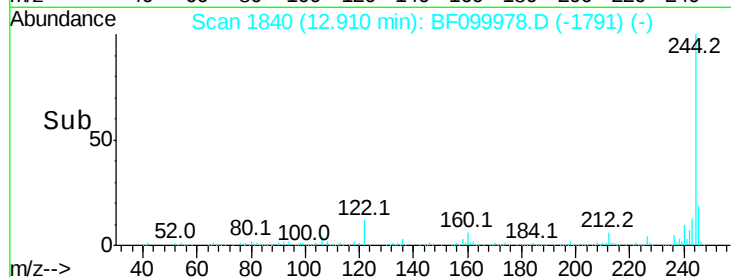
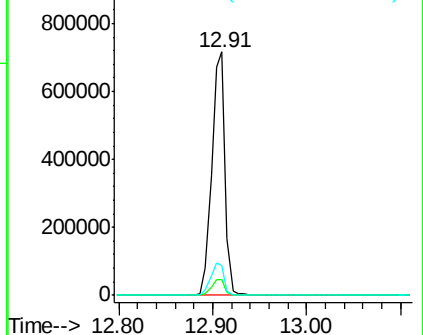
122 12.0 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF099978.D

Acq: 31 Oct 2017 00:12

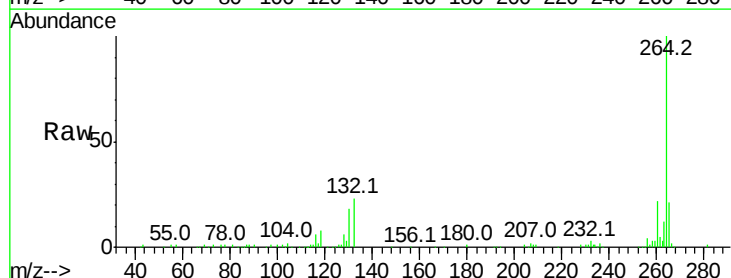
Tgt Ion:264 Resp: 146694

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.4 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

