

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099958.D
 Acq On : 30 Oct 2017 14:43
 Operator : SJ/JU
 Sample : I6084-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-D-S

Quant Time: Oct 30 16:41:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100105	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	411924	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	205181	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	390996	20.00	ng	0.00
75) Chrysene-d12	13.97	240	302907	20.00	ng	0.00
86) Perylene-d12	15.45	264	211401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	264478	41.48	ng	0.00
7) Phenol-d6	6.43	99	223925	29.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	561634	87.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	174752	93.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1121124	84.30	ng	0.00
78) Terphenyl-d14	12.91	244	1154881	83.32	ng	0.00

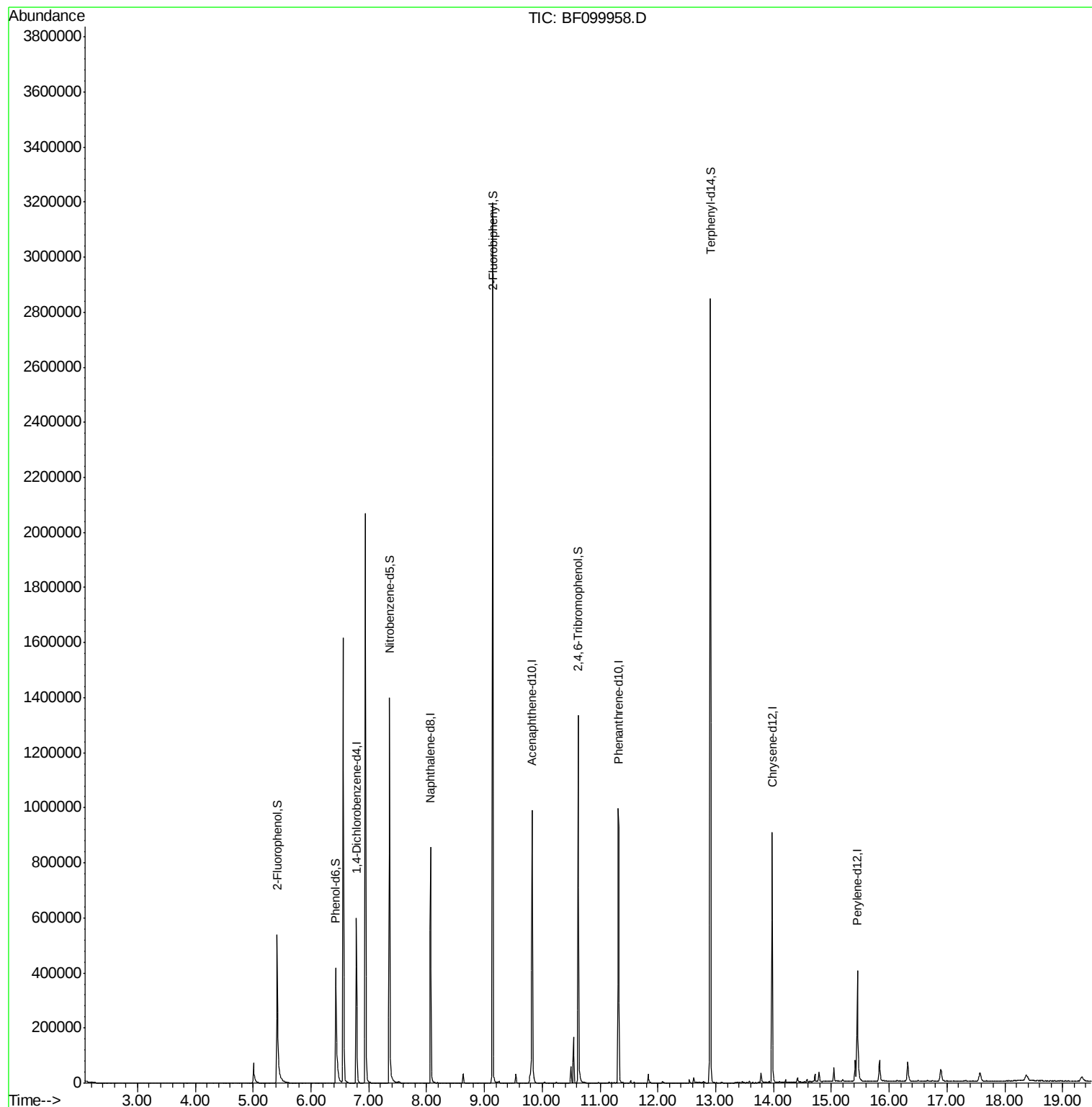
Target Compounds Qvalue

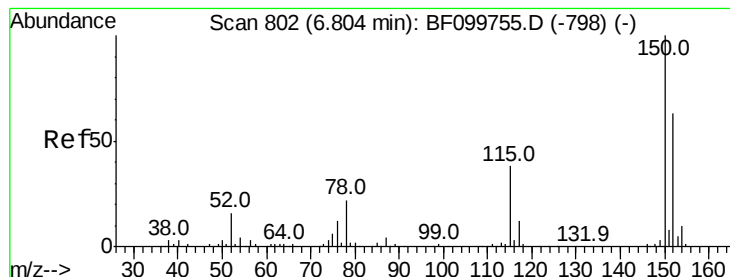
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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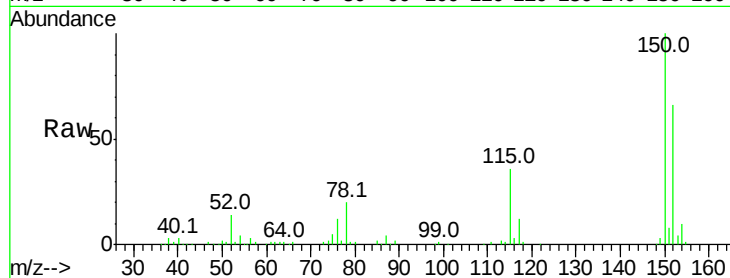


#1

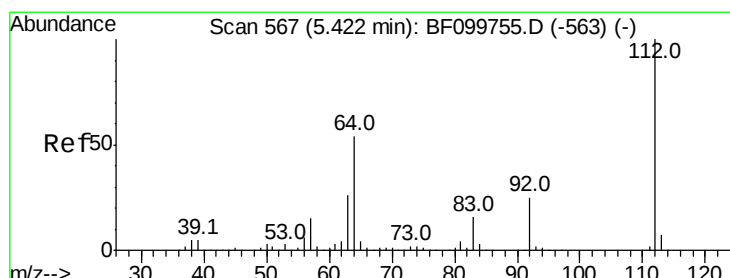
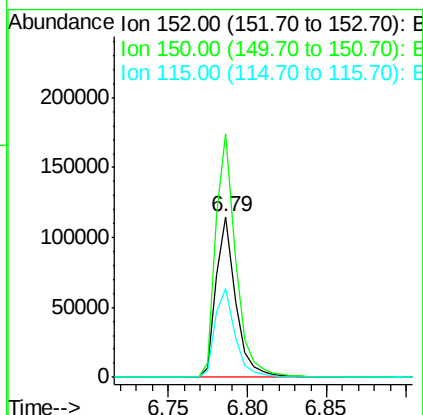
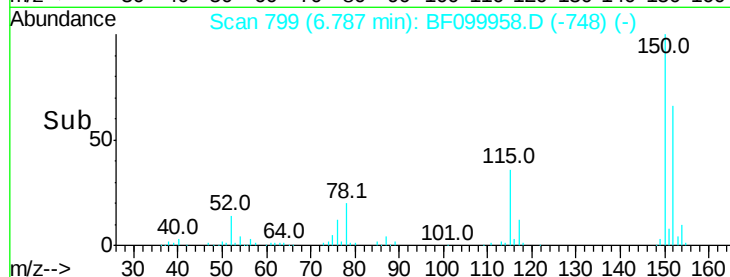
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-D-S

Tot Ion:152 Resp: 100105
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.6 186.8
 115 55.2 50.1 75.1



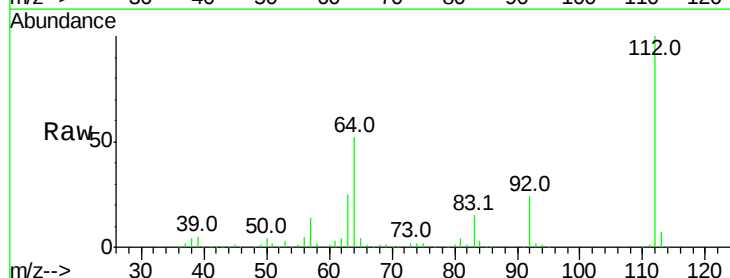
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



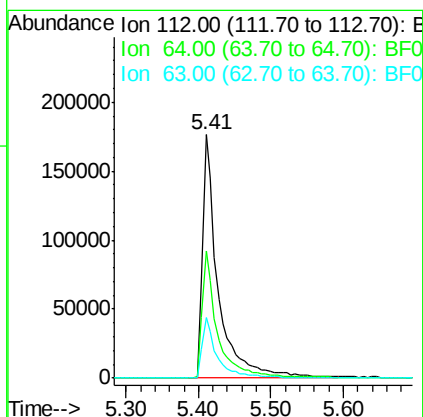
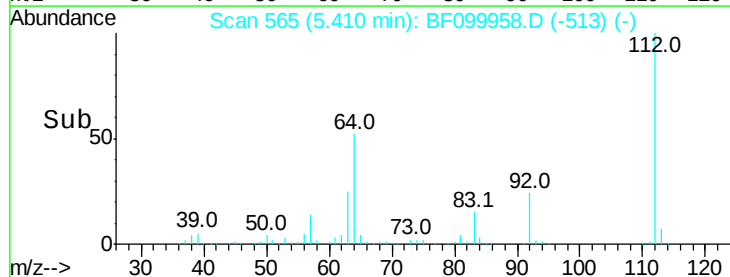
#5

2-Fluorophenol
 Concen: 41.479 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Tgt Ion:112 Resp: 264478
 Ion Ratio Lower Upper
 112 100
 64 52.4 47.9 71.9
 63 24.9 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: 29.618 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

Instrument :

BNA_F

ClientSampleId :

102117-TIDO-F-D-S

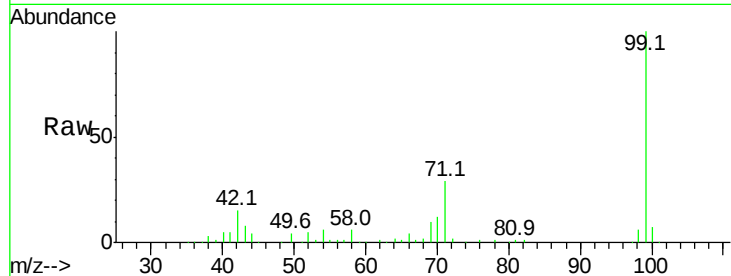
Tot Ion: 99 Resp: 223925

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

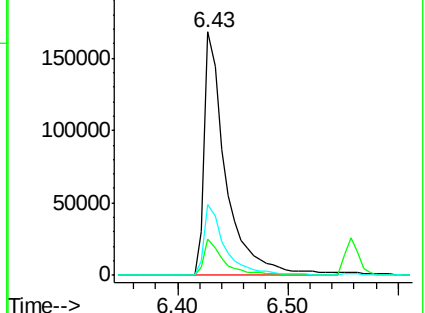
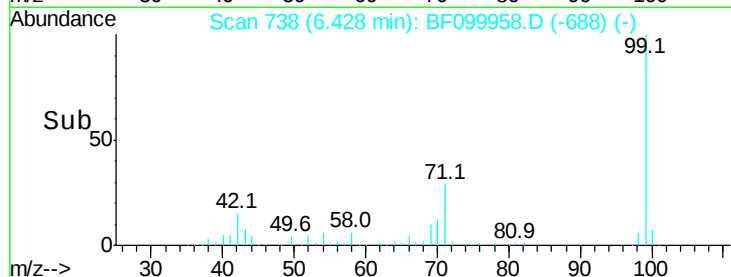
71 29.3 25.4 38.0



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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

Tgt Ion: 136 Resp: 411924

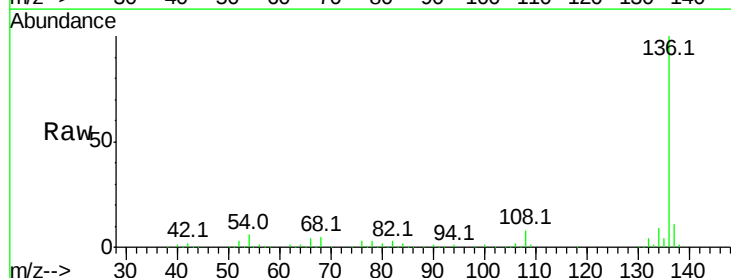
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.1 6.6 9.8#

68 5.2 5.0 7.4

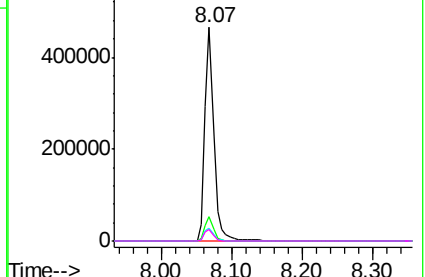
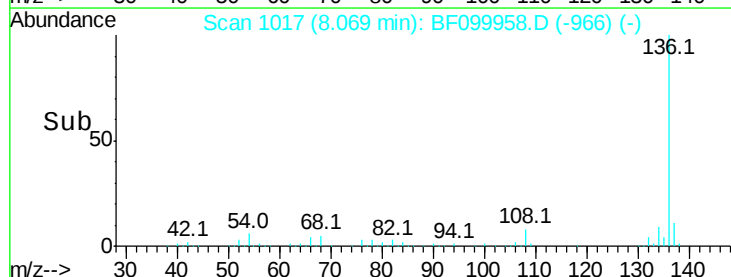


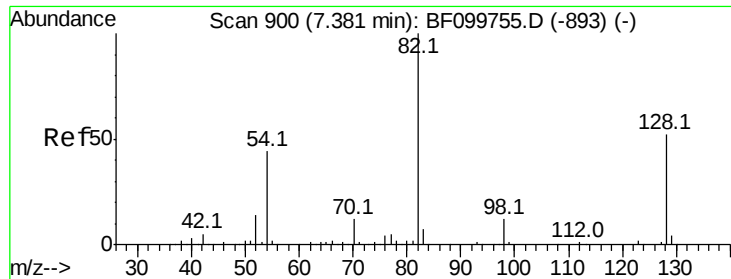
Abundance Ion 136.00 (135.70 to 136.70): E

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

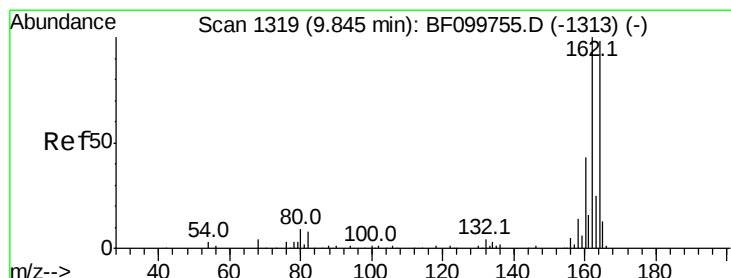
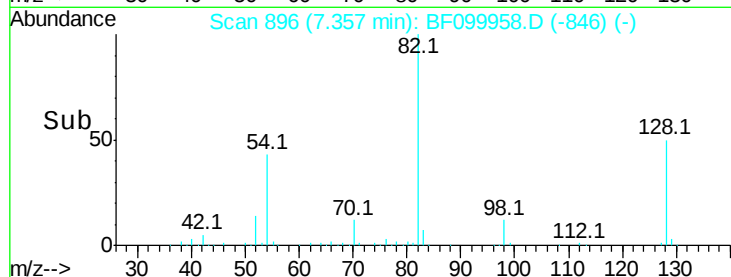
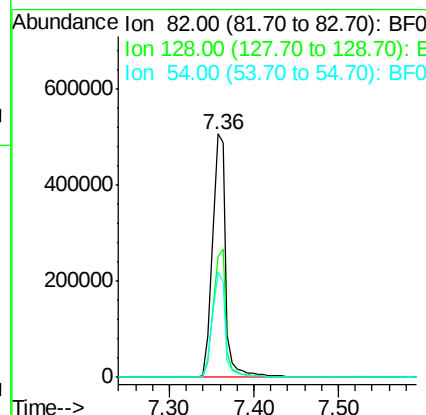
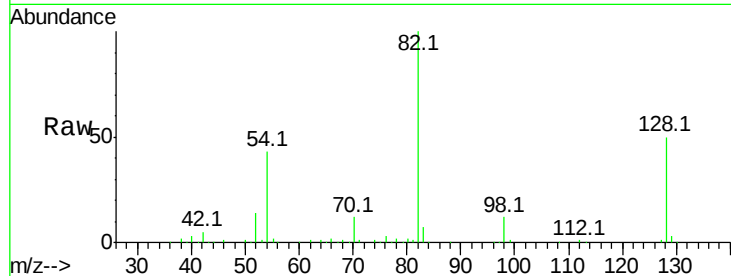




#23
 Nitrobenzene-d5
 Concen: 87.779 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

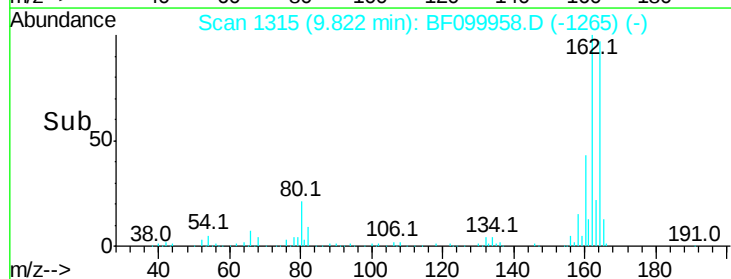
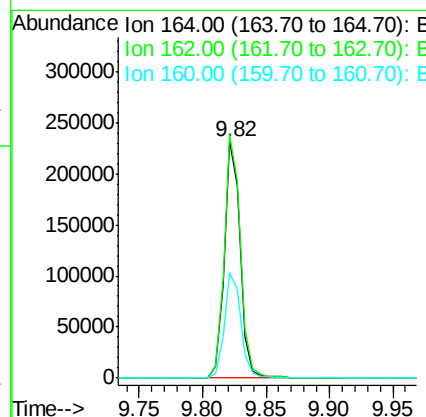
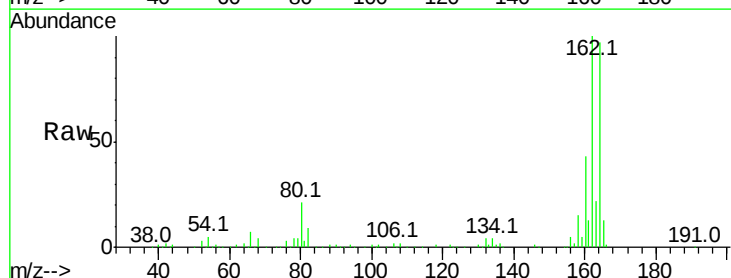
Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-D-S

Tot Ion: 82 Resp: 561634
 Ion Ratio Lower Upper
 82 100
 128 49.8 36.1 54.1
 54 43.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Tgt Ion:164 Resp: 205181
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 44.3 38.3 57.5

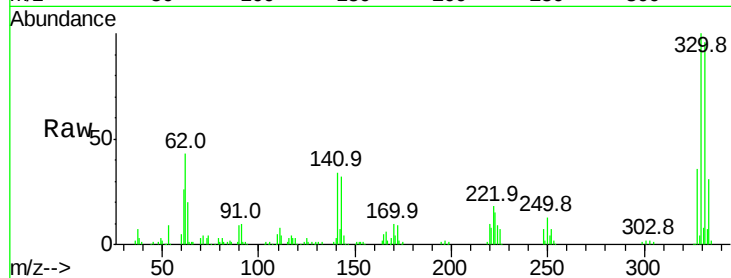




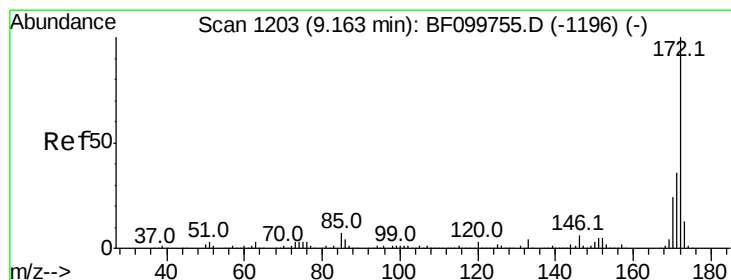
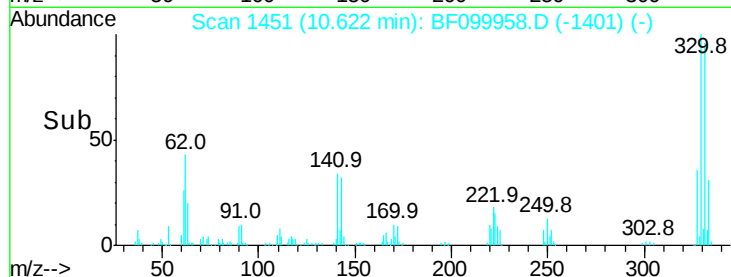
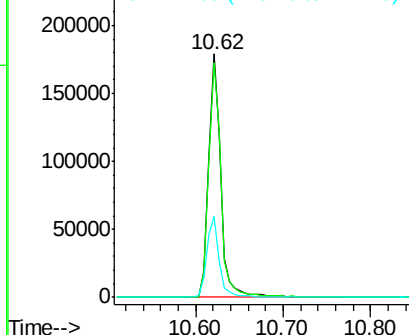
#41
 2,4,6-Tribromophenol
 Concen: 93.458 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :
 102117-TIDO-F-D-S

Tot Ion:330 Resp: 174752
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 34.2 29.9 44.9

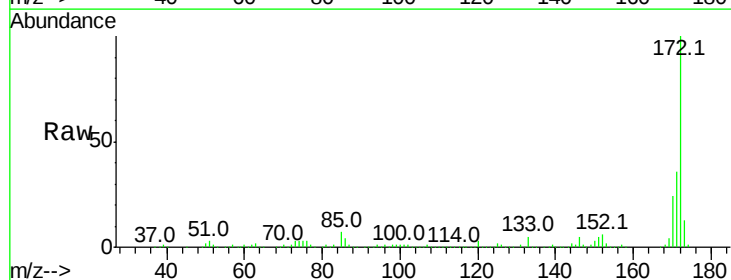


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

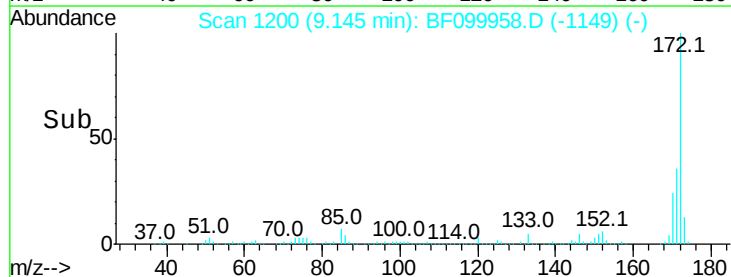
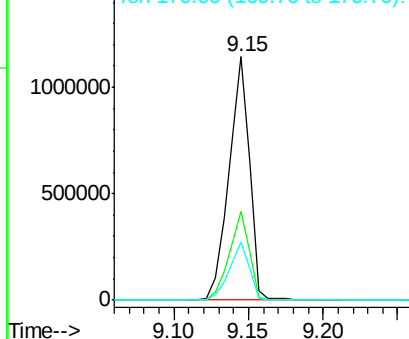


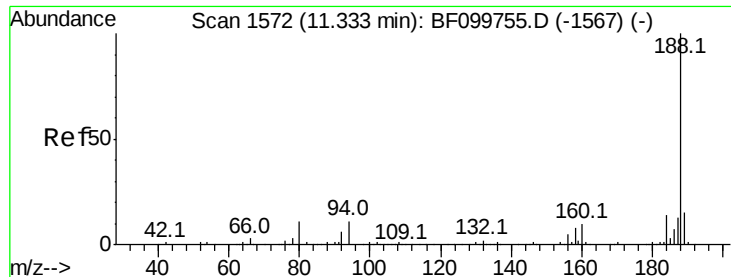
#44
 2-Fluorobiphenyl
 Concen: 84.302 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Tgt Ion:172 Resp: 1121124
 Ion Ratio Lower Upper
 172 100
 171 36.5 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# 1569

Delta R.T. -0.01 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

Instrument :

BNA_F

ClientSampleId :

102117-TIDO-F-D-S

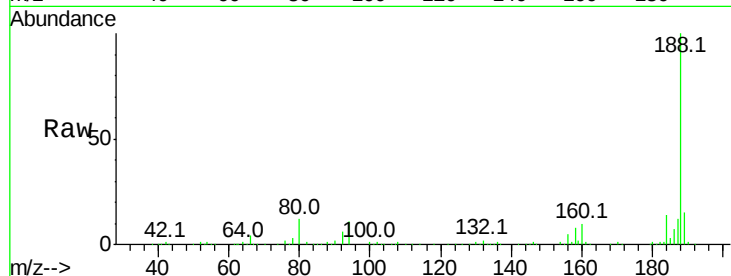
Tot Ion:188 Resp: 390996

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

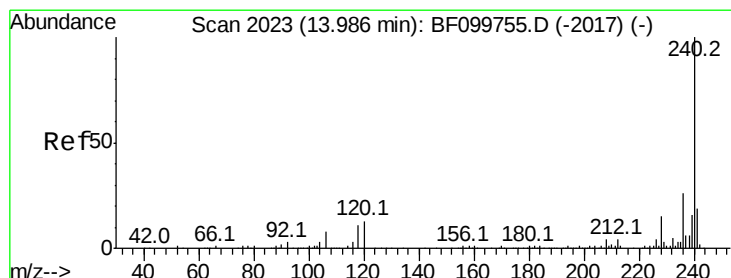
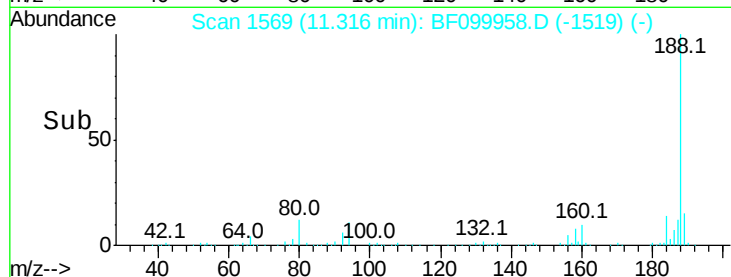
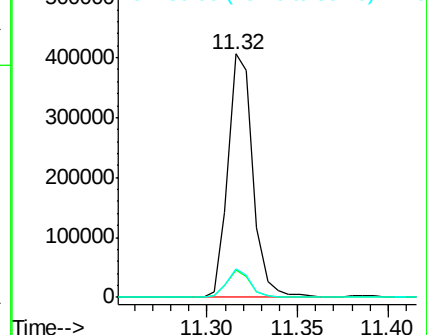
80 11.8 9.2 13.8



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. -0.01 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

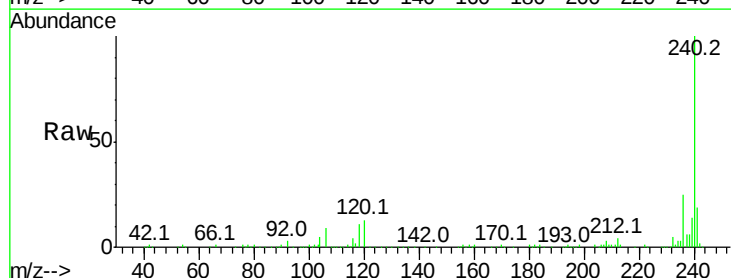
Tgt Ion:240 Resp: 302907

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

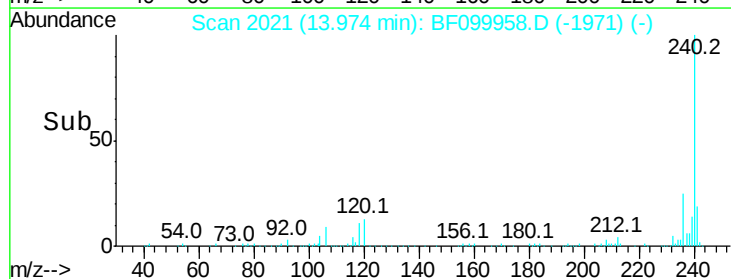
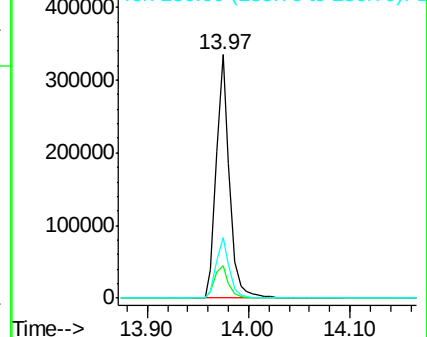
236 25.1 20.7 31.1

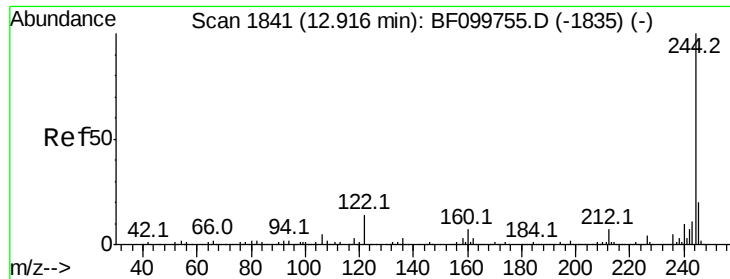


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.321 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

Instrument :

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ClientSampleId :

102117-TIDO-F-D-S

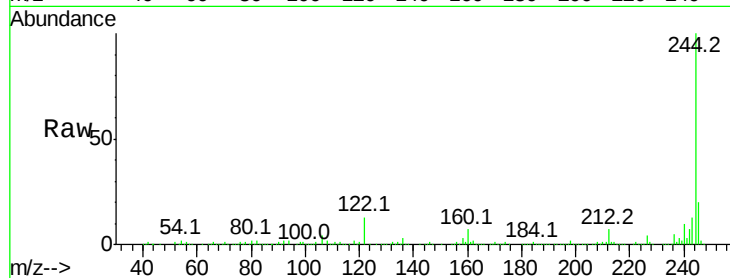
Tot Ion:244 Resp: 1154881

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

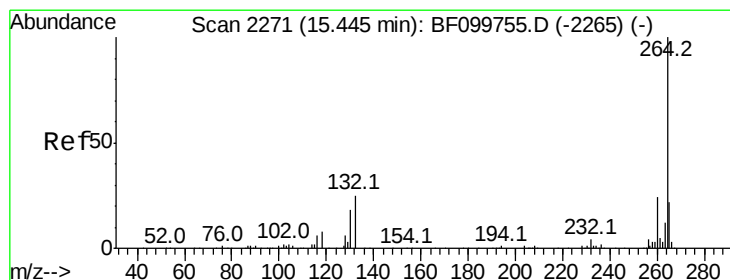
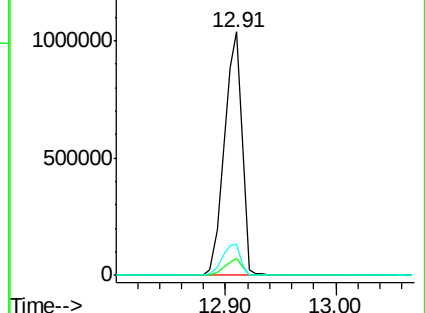
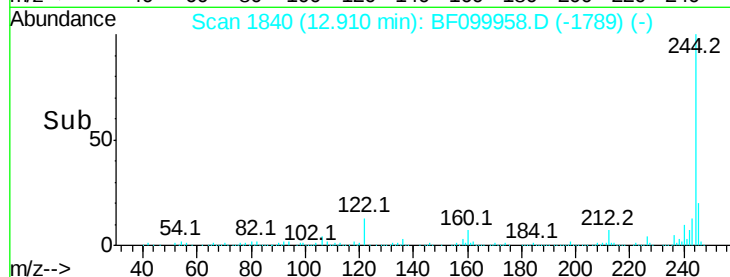
122 12.7 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

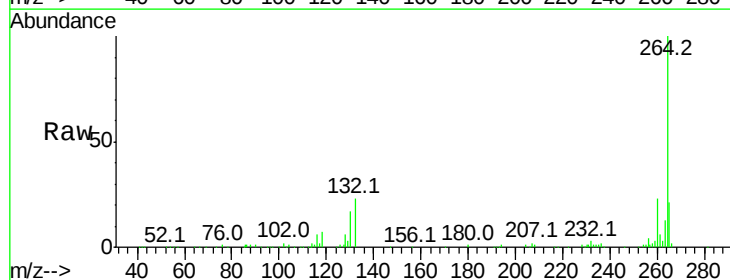
Tgt Ion:264 Resp: 211401

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 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

