

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099956.D
 Acq On : 30 Oct 2017 13:51
 Operator : SJ/JU
 Sample : I6083-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 30 16:37:18 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	103930	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	420399	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	203466	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	389710	20.00	ng	0.00
75) Chrysene-d12	13.97	240	316326	20.00	ng	0.00
86) Perylene-d12	15.46	264	234002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	295575	44.65	ng	0.00
7) Phenol-d6	6.43	99	238196	30.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	605826	92.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	178140	96.07	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1190450	90.27	ng	0.00
78) Terphenyl-d14	12.91	244	1200154	82.91	ng	0.00

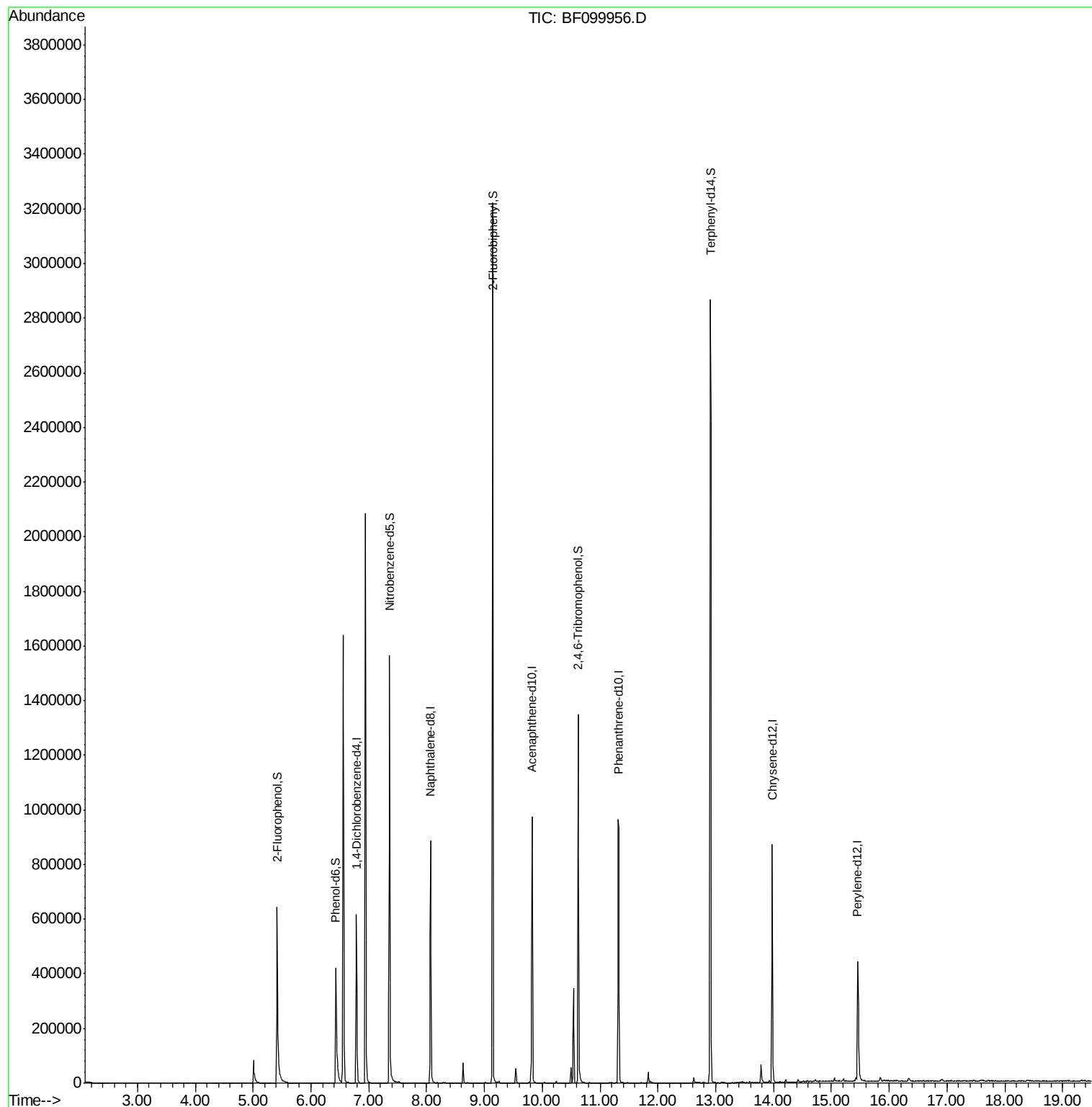
Target Compounds Qvalue

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

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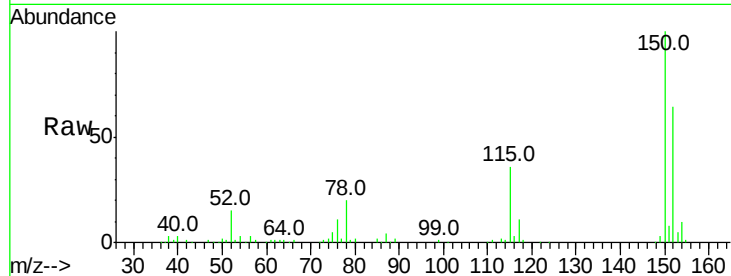


#1

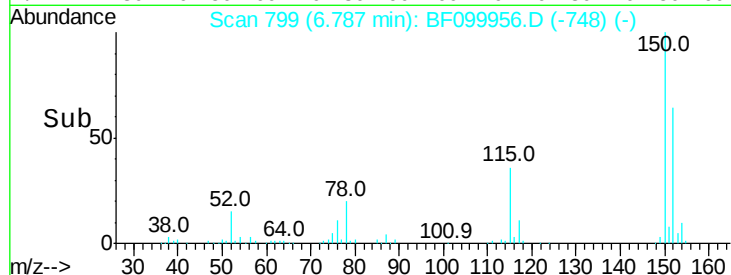
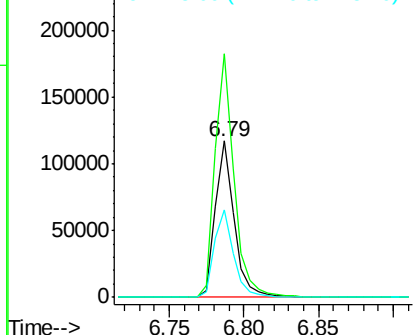
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF099956.D
Acq: 30 Oct 2017 13:51

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

Tot Ion:152 Resp: 103930
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 56.2 50.1 75.1



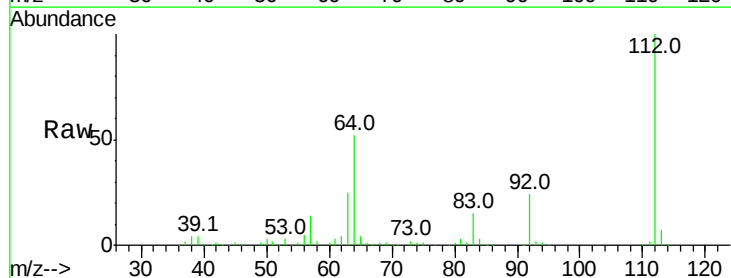
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



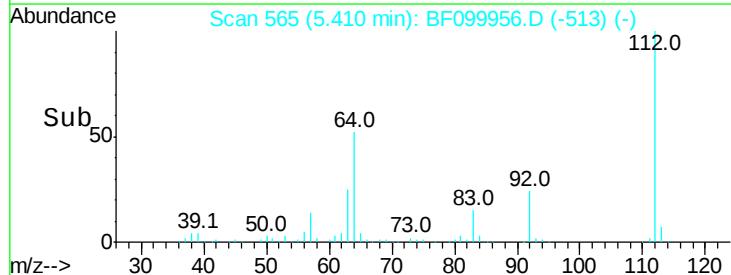
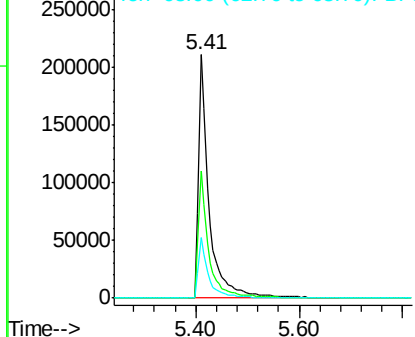
#5

2-Fluorophenol
Concen: 44.650 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099956.D
Acq: 30 Oct 2017 13:51

Tgt Ion:112 Resp: 295575
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.7 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: 30.346 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099956.D

Acq: 30 Oct 2017 13:51

Instrument :

BNA_F

ClientSampleId :

102017-TIDO-F-U-B

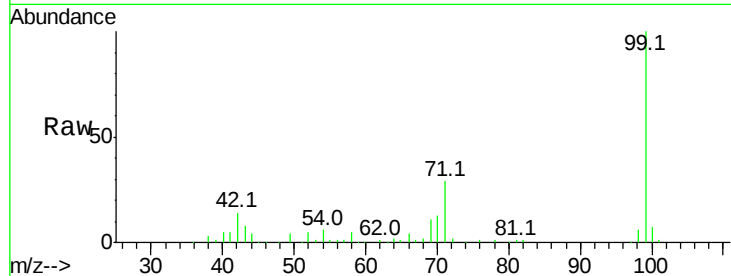
Tot Ion: 99 Resp: 238196

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

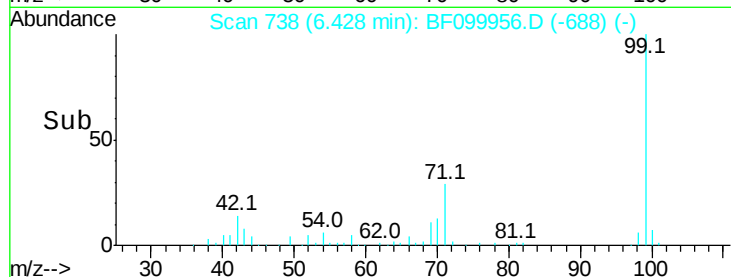
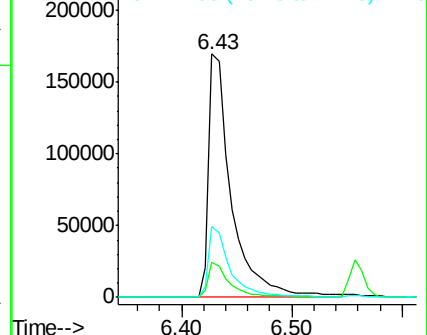
71 29.0 25.4 38.0



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: BF099956.D

Acq: 30 Oct 2017 13:51

Tgt Ion: 136 Resp: 420399

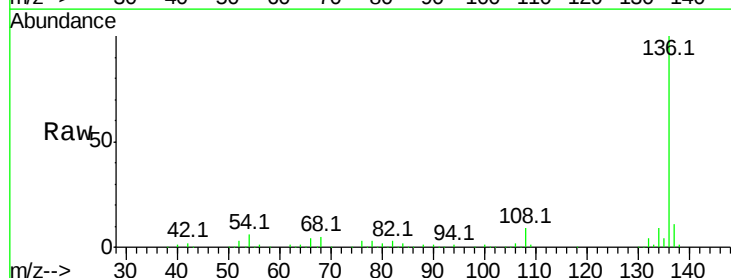
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

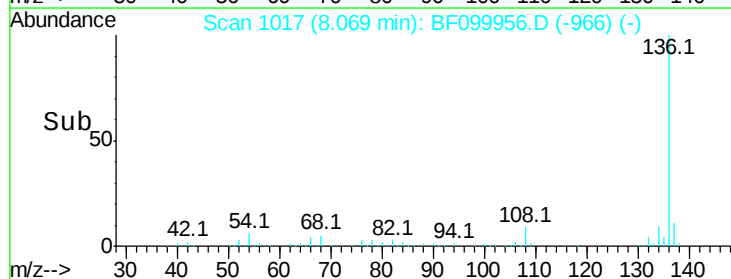
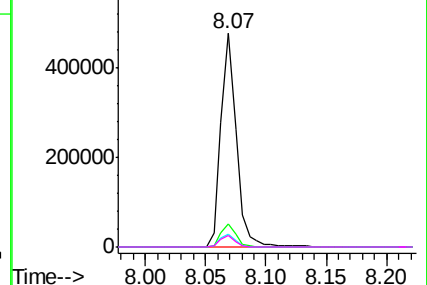


Abundance Ion 136.00 (135.70 to 136.70): E

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

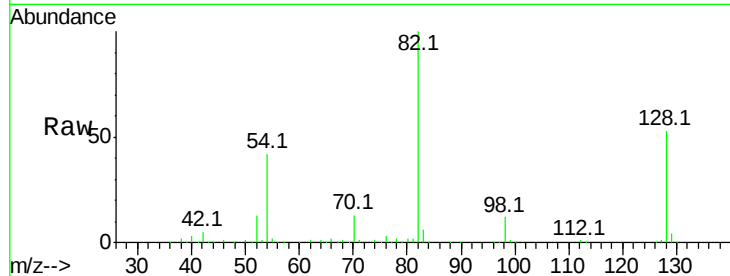




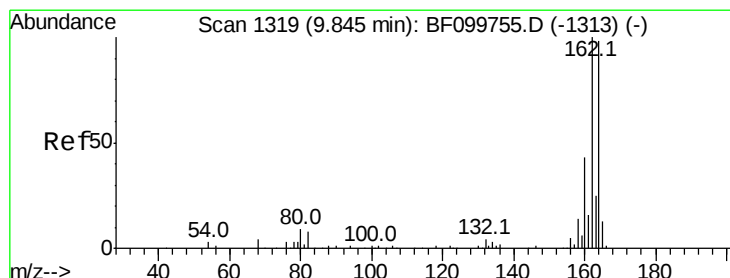
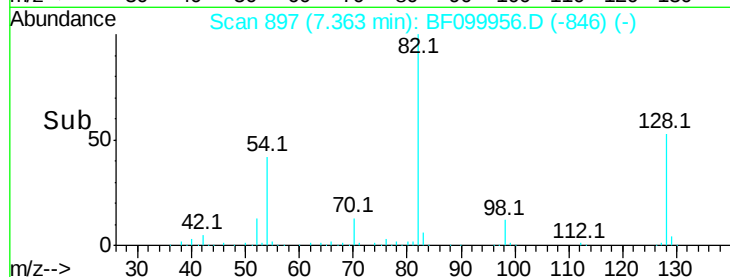
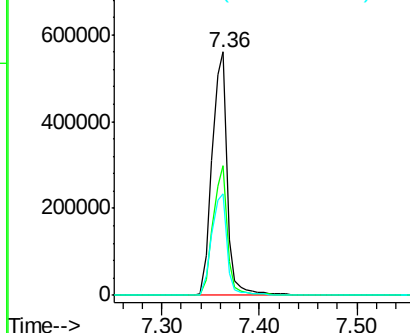
#23
 Nitrobenzene-d5
 Concen: 92.777 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

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

Tot Ion: 82 Resp: 605826
 Ion Ratio Lower Upper
 82 100
 128 53.2 36.1 54.1
 54 41.8 41.4 62.2

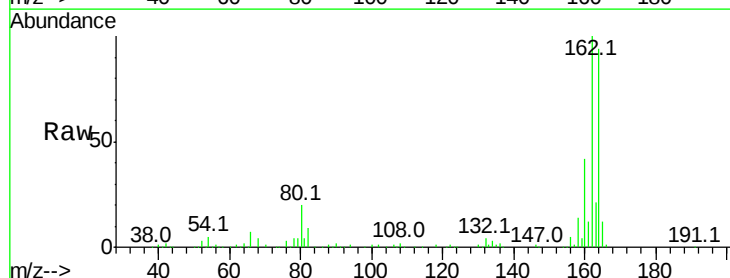


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

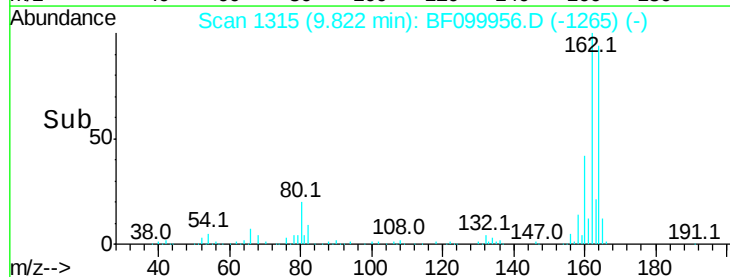
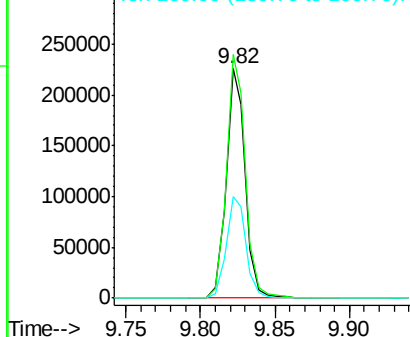


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion:164 Resp: 203466
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 44.3 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

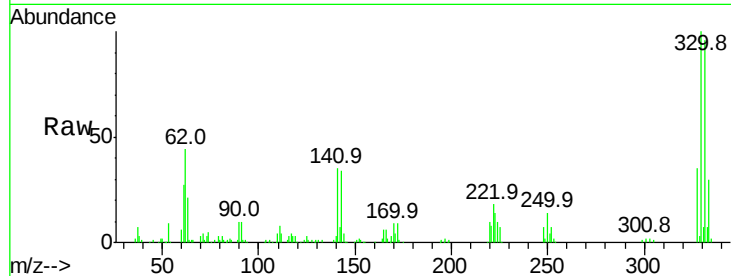




#41
 2,4,6-Tribromophenol
 Concen: 96.073 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

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

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	97.2			77.0	115.6	
141	34.2			29.9	44.9	

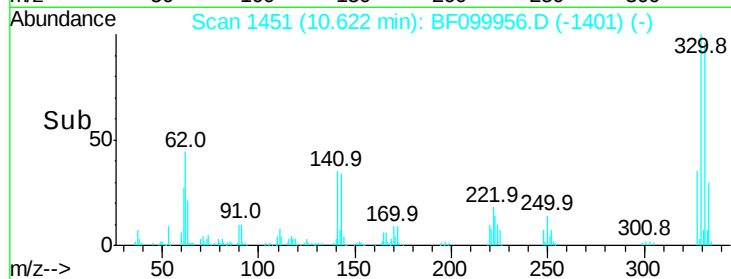
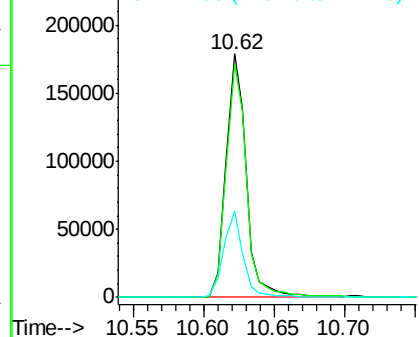


Abundance

Ion 329.80 (329.50 to 330.50): E

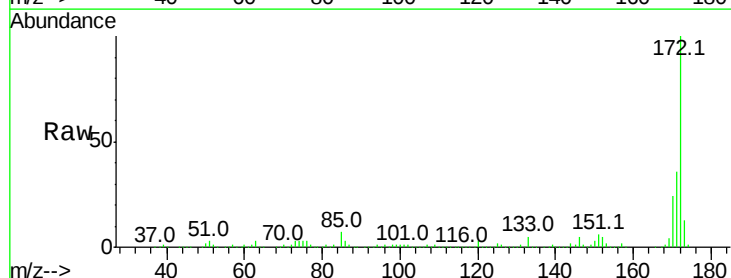
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.269 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	36.5			29.7	44.5	
170	24.0			19.6	29.4	

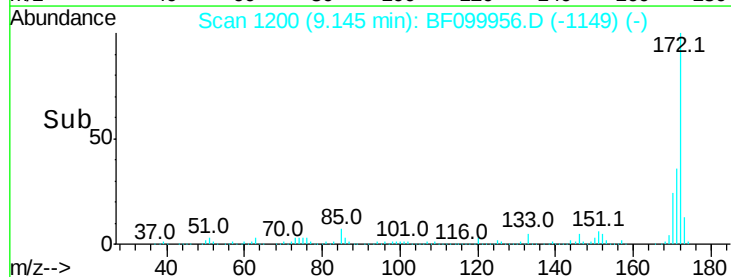
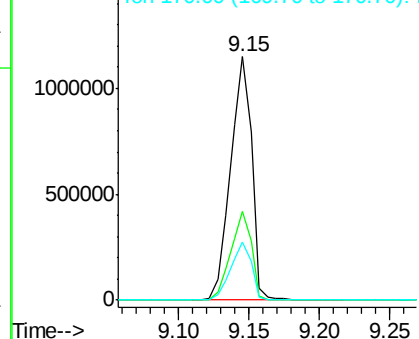


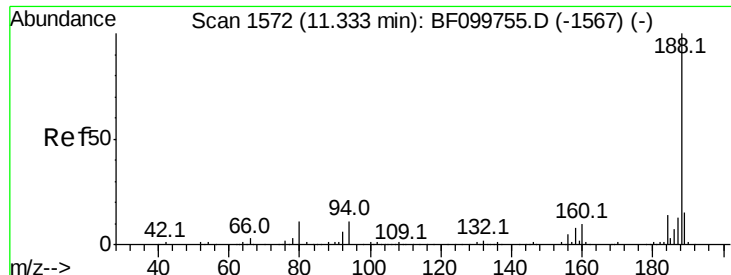
Abundance

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: BF099956.D

Acq: 30 Oct 2017 13:51

Instrument :

BNA_F

ClientSampleId :

102017-TIDO-F-U-B

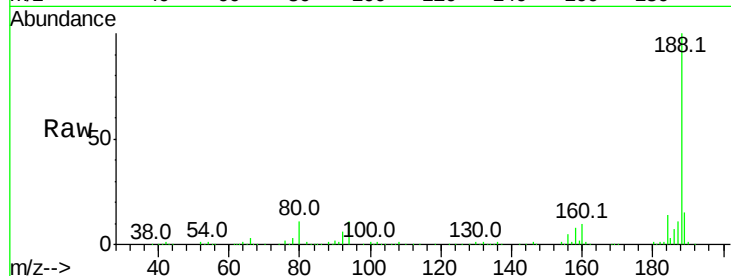
Tot Ion:188 Resp: 389710

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

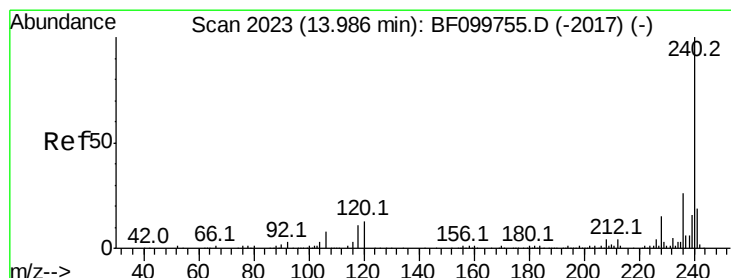
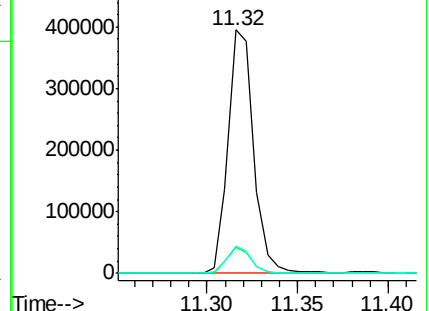
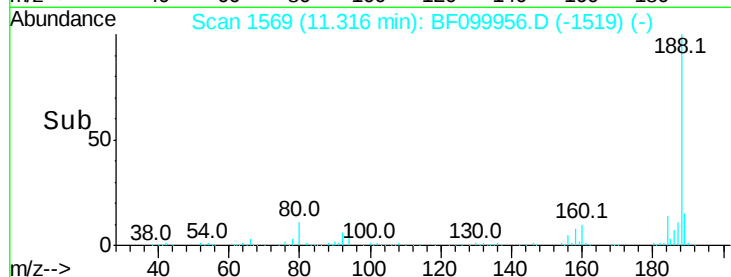
80 11.4 9.2 13.8



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: BF099956.D

Acq: 30 Oct 2017 13:51

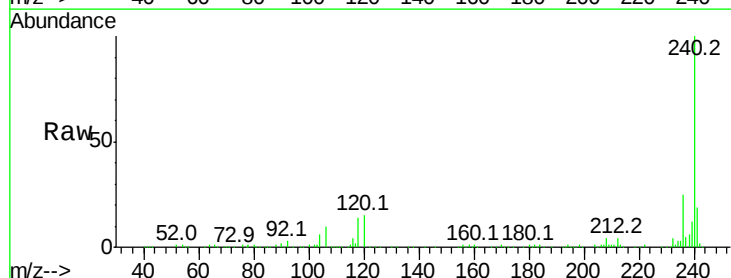
Tgt Ion:240 Resp: 316326

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

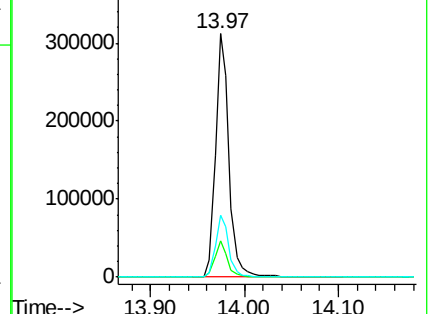
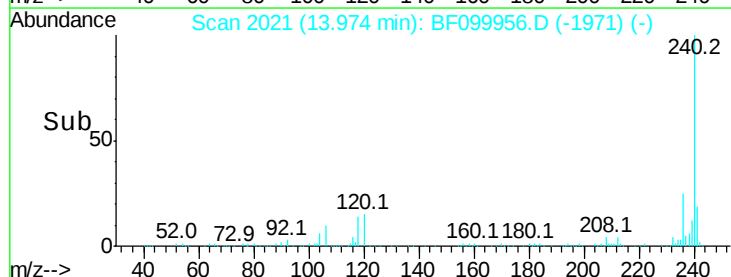
236 25.4 20.7 31.1

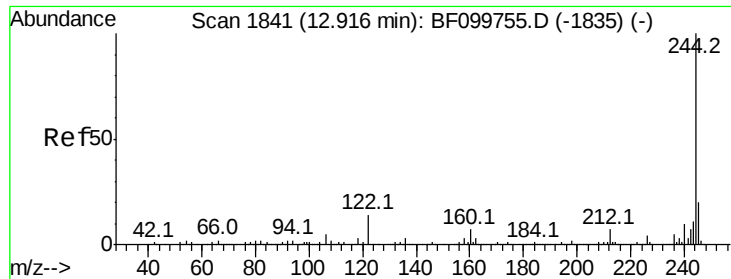


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

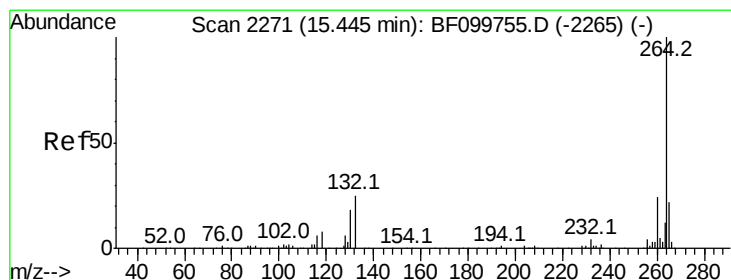
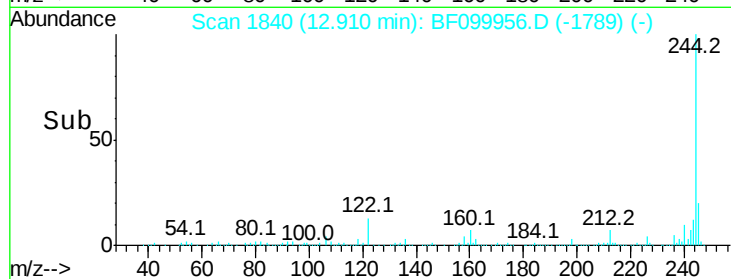
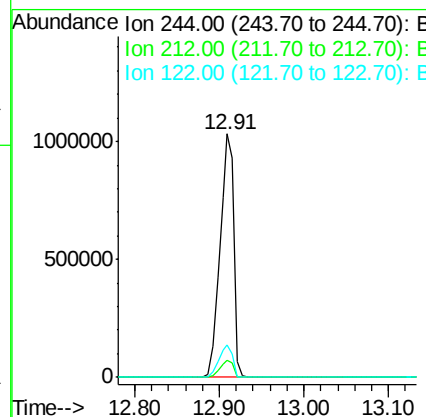
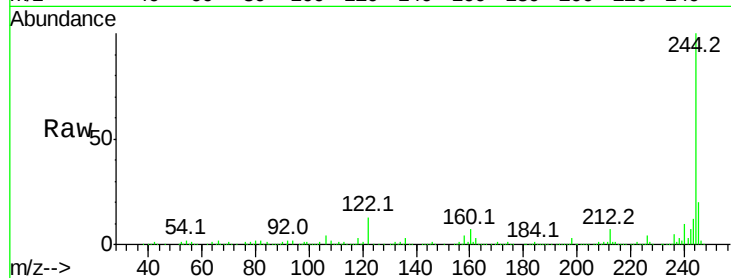




#78
 Terphenyl-d14
 Concen: 82.914 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Instrument :
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 ClientSampleId :
 102017-TIDO-F-U-B

Tot Ion:244 Resp: 1200154
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099956.D
 Acq: 30 Oct 2017 13:51

Tgt Ion:264 Resp: 234002
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.8 17.5 26.3

