

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
 Data File : BF105063.D
 Acq On : 3 May 2018 6:28
 Operator : JU/SJ
 Sample : J2684-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-M

Quant Time: May 03 07:11:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	93761	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	379676	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	162544	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	266272	20.00	ng	0.00
75) Chrysene-d12	14.01	240	226902	20.00	ng	-0.02
86) Perylene-d12	15.56	264	176483	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	252076	41.11	ng	0.00
7) Phenol-d6	6.42	99	187671	24.91	ng	-0.02
23) Nitrobenzene-d5	7.36	82	568993	97.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	145552	86.32	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	998038	97.00	ng	0.00
78) Terphenyl-d14	12.91	244	895430	89.97	ng	0.00

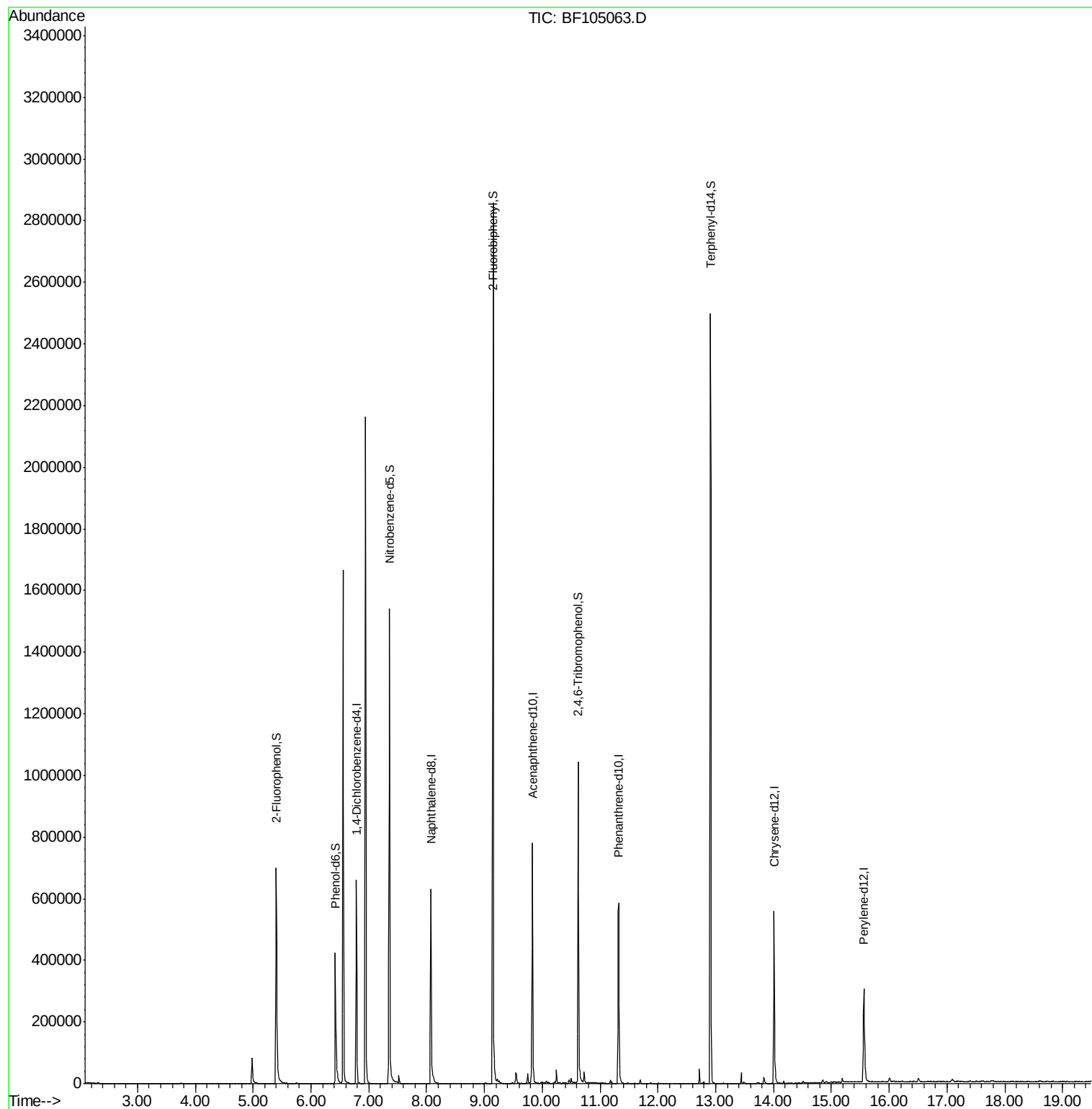
Target Compounds Qvalue

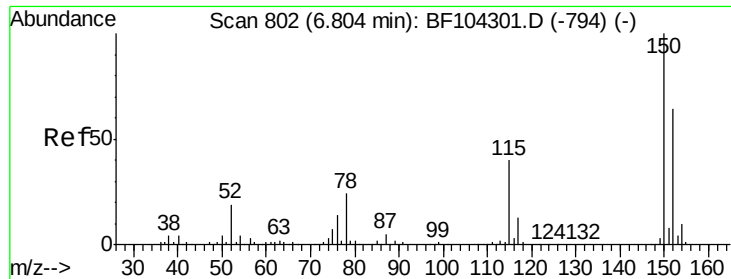
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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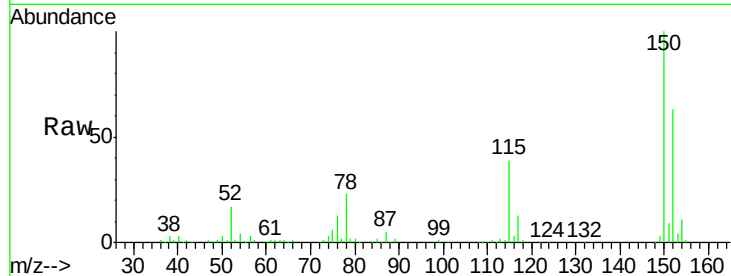


#1

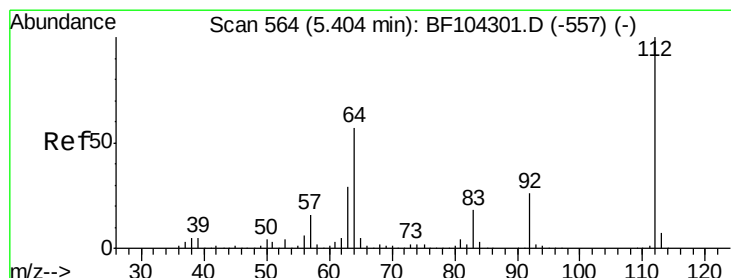
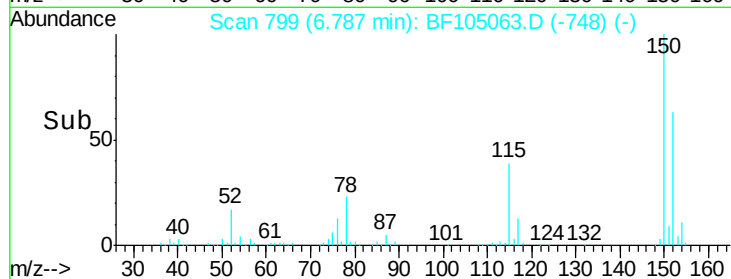
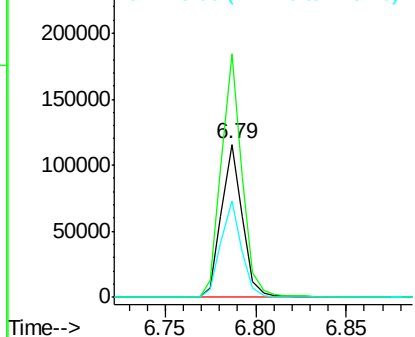
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF105063.D
 Acq: 3 May 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-M

Tot Ion:152 Resp: 93761
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.6 186.8
 115 62.6 50.1 75.1



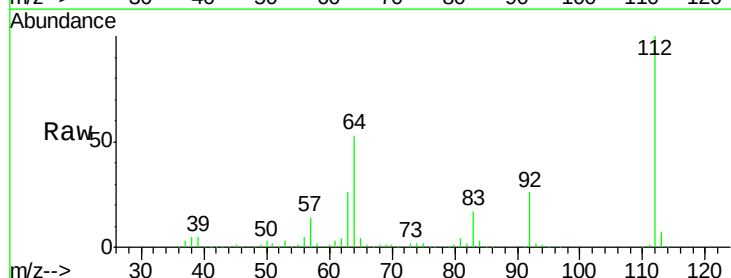
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



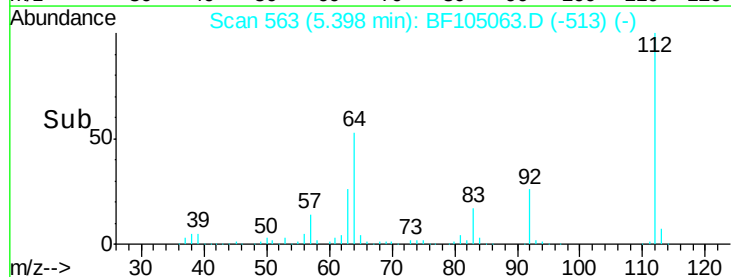
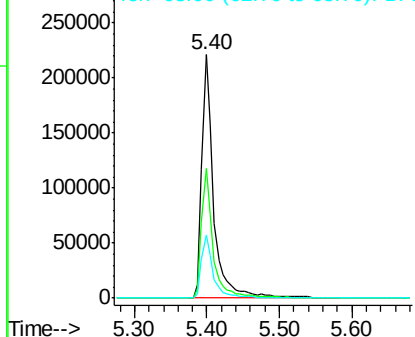
#5

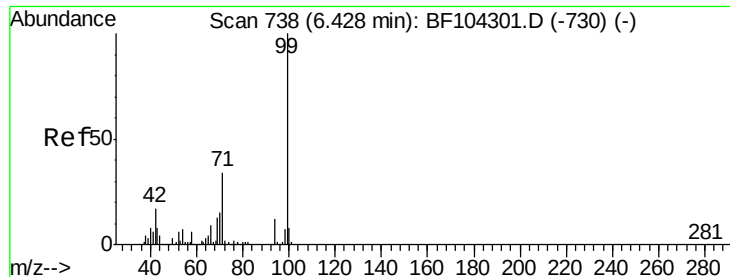
2-Fluorophenol
 Concen: 41.109 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF105063.D
 Acq: 3 May 2018 6:28

Tgt Ion:112 Resp: 252076
 Ion Ratio Lower Upper
 112 100
 64 53.3 47.9 71.9
 63 25.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.909 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-M

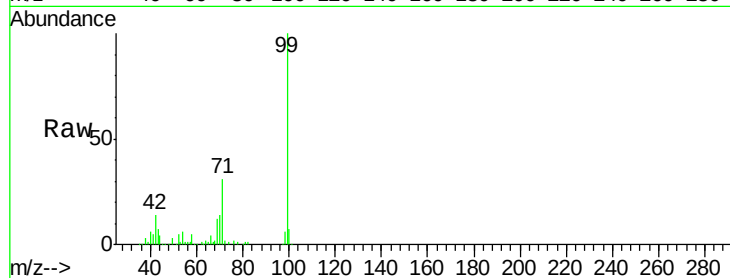
Tot Ion: 99 Resp: 187671

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

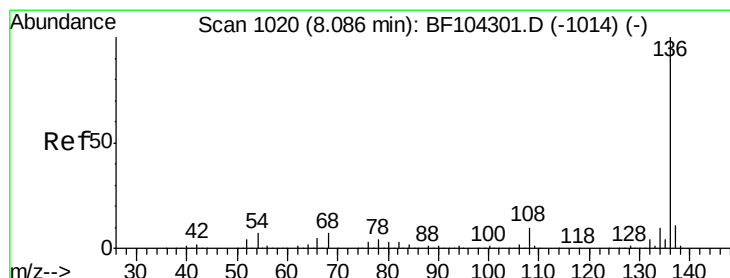
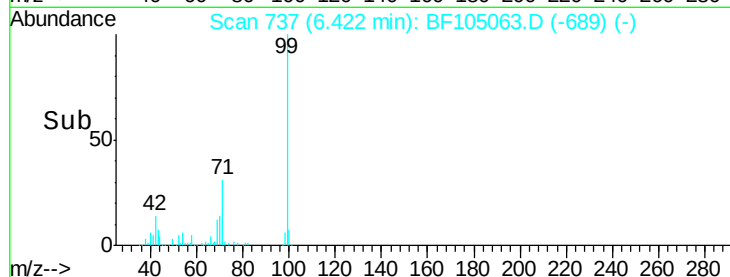
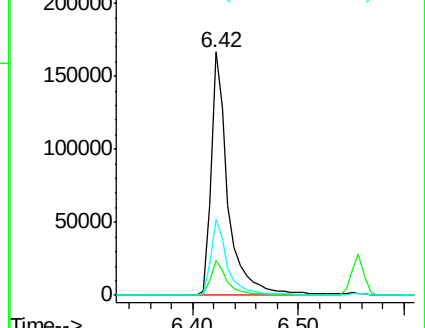
71 31.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

Tgt Ion: 136 Resp: 379676

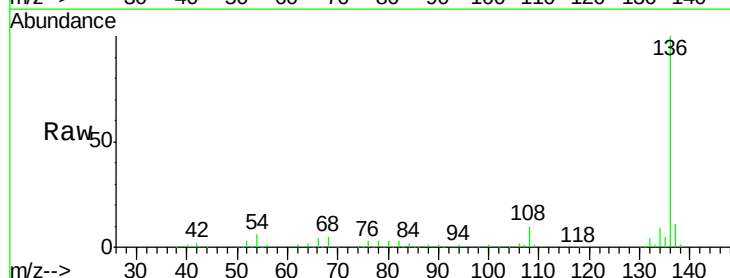
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.8 6.6 9.8#

68 5.3 5.0 7.4

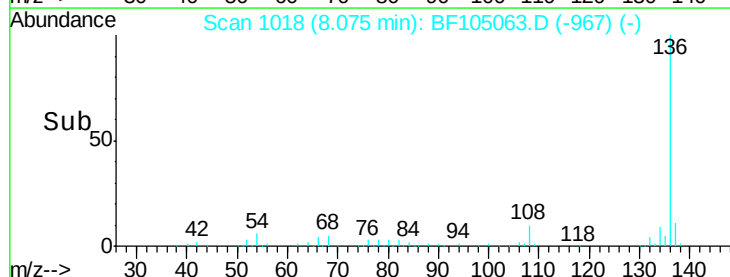
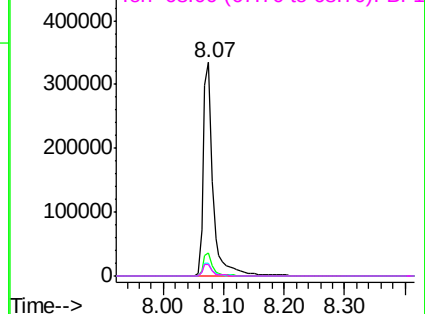


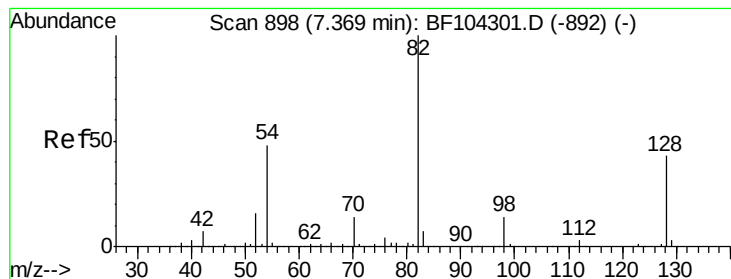
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 97.857 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-M

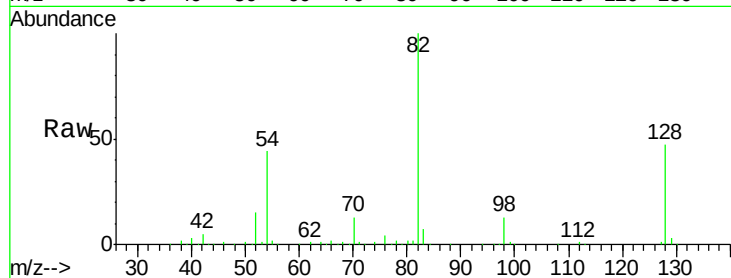
Tot Ion: 82 Resp: 568993

Ion Ratio Lower Upper

82 100

128 47.2 36.1 54.1

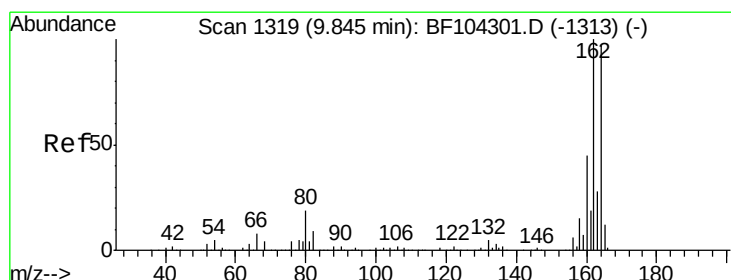
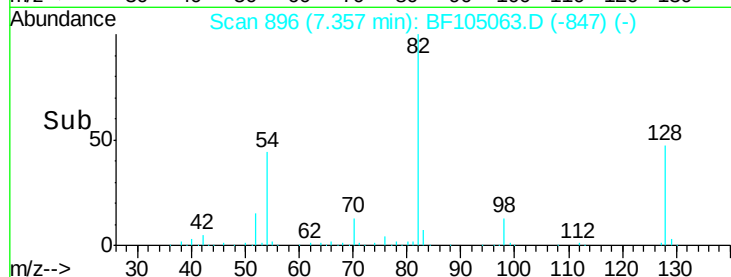
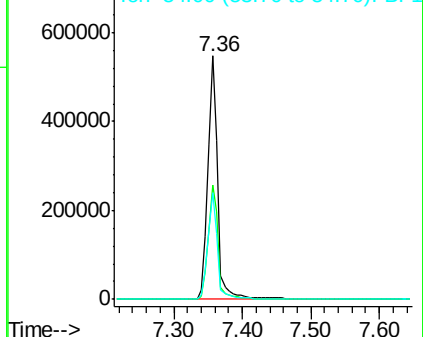
54 44.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

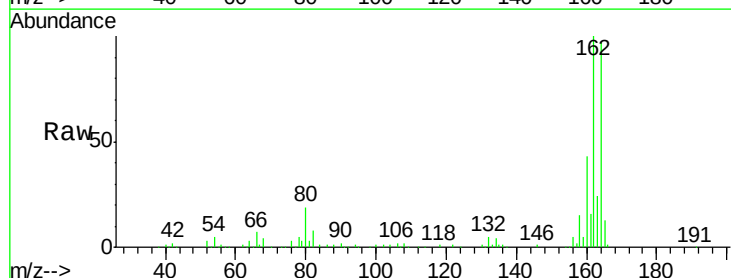
Tgt Ion: 164 Resp: 162544

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

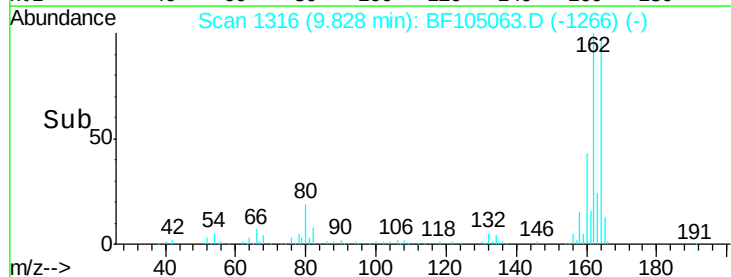
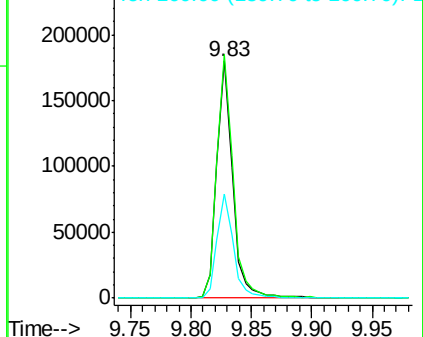
160 43.9 38.3 57.5

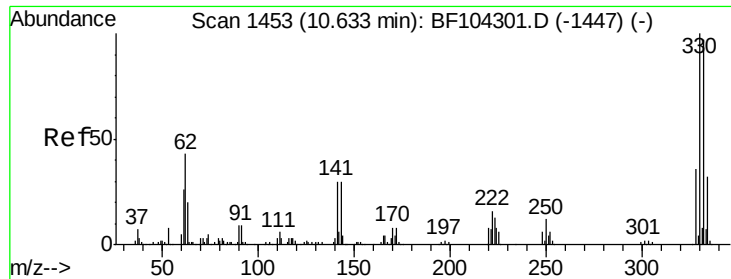


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

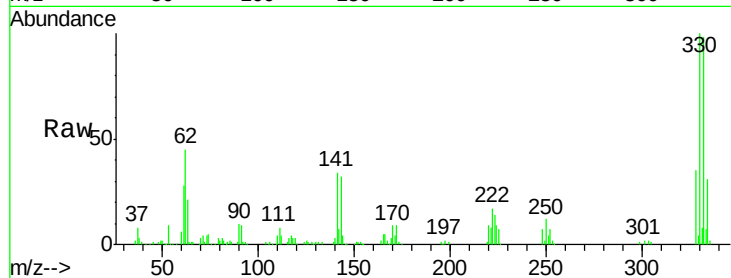




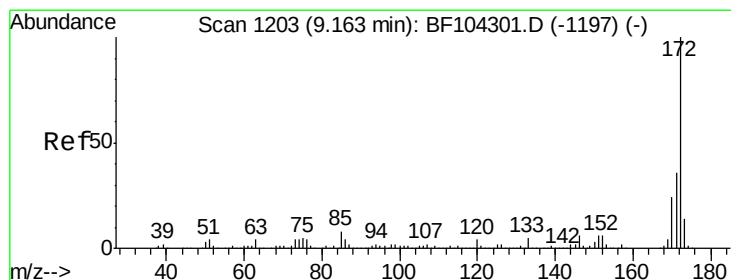
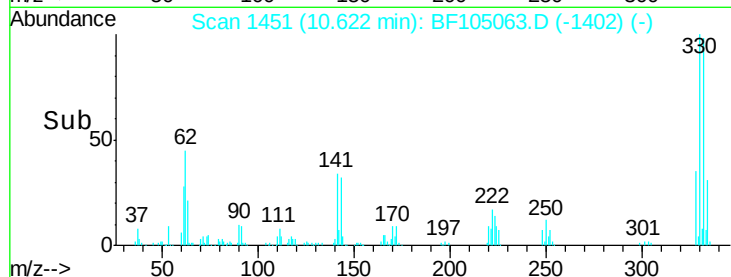
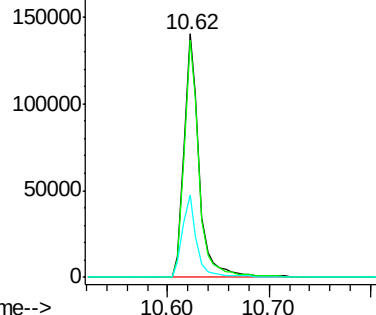
#41
 2,4,6-Tribromophenol
 Concen: 86.324 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105063.D
 Acq: 3 May 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :
 043018-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.3	29.9	44.9

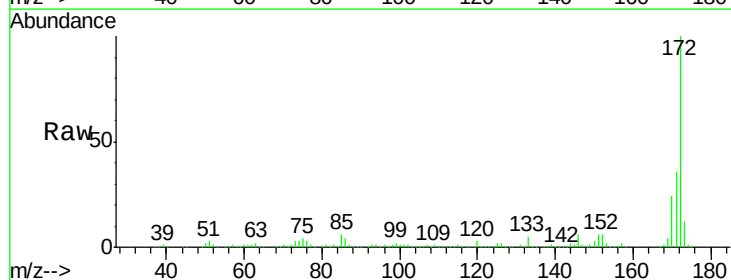


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

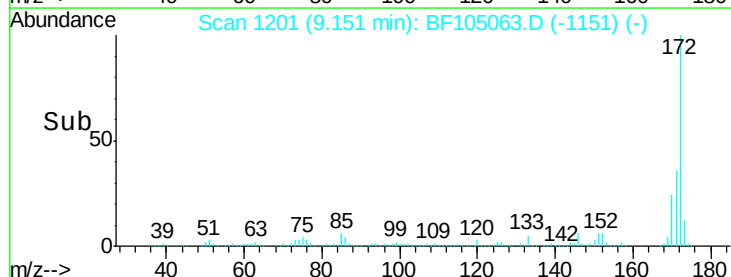
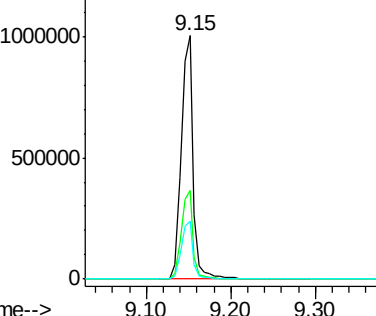


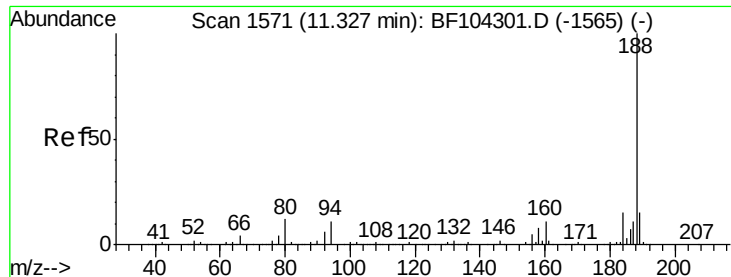
#44
 2-Fluorobiphenyl
 Concen: 96.998 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105063.D
 Acq: 3 May 2018 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	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

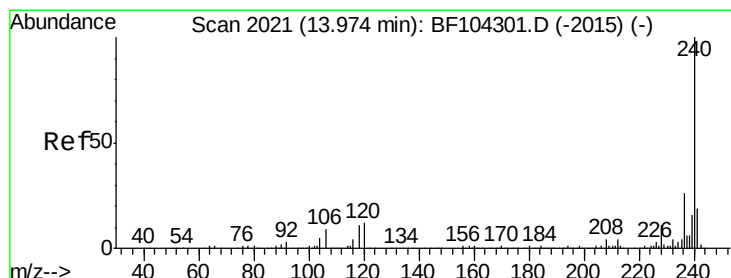
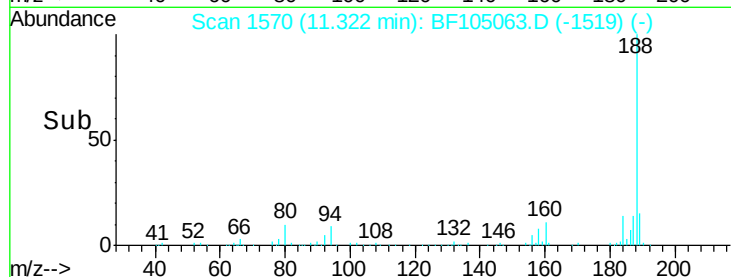
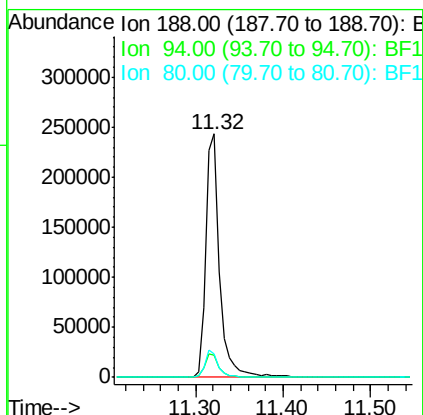
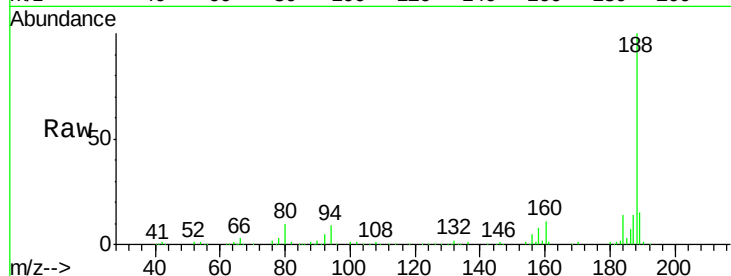




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

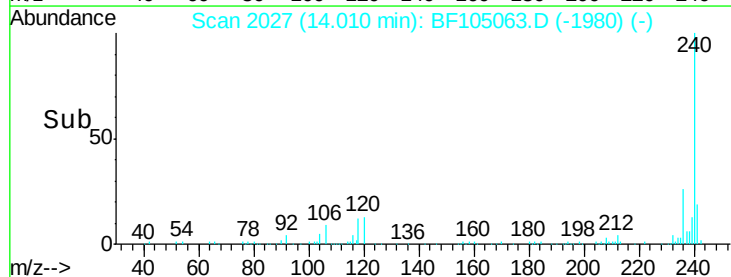
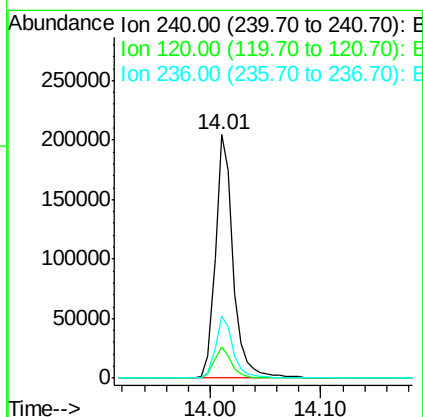
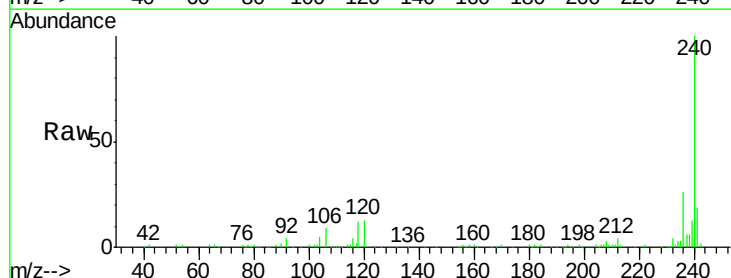
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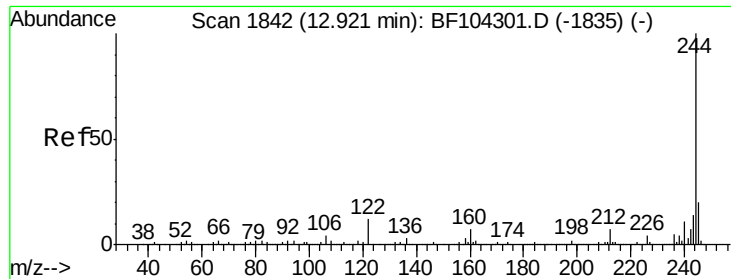
Tot Ion:188 Resp: 266272
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF105063.D
Acq: 3 May 2018 6:28

Tgt Ion:240 Resp: 226902
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 89.970 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

Instrument :

BNA_F

ClientSampleId :

043018-DBRI-E-U-M

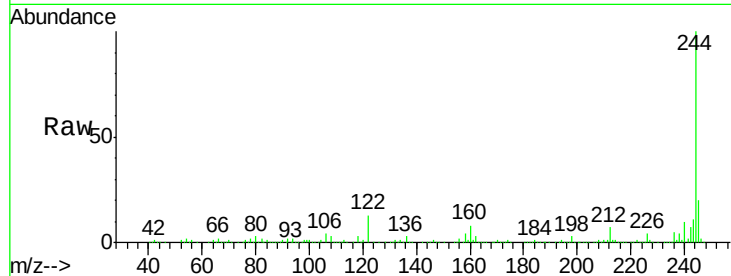
Tot Ion:244 Resp: 895430

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

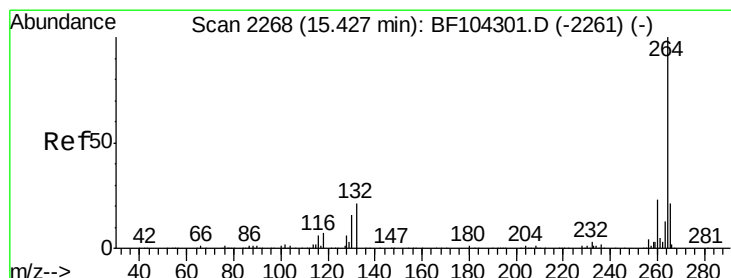
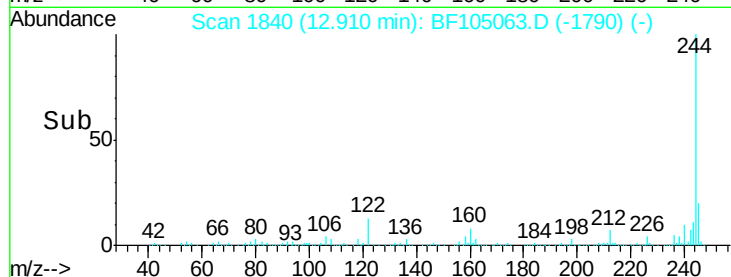
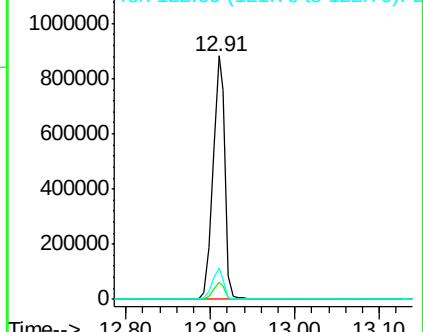
122 13.0 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.03 min

Lab File: BF105063.D

Acq: 3 May 2018 6:28

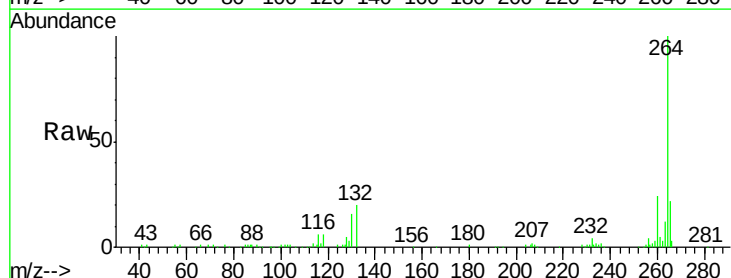
Tgt Ion:264 Resp: 176483

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.9 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

