

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105075.D
 Acq On : 3 May 2018 16:27
 Operator : JU/SJ
 Sample : PB108807BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BL

Quant Time: May 04 02:07:57 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	6.77	152	103257	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	437592	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	214182	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	420255	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	328683	20.00	ng	-0.02
86) Perylene-d12	15.57	264	244660	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	775339	114.81	ng	0.01
7) Phenol-d6	6.43	99	908233	109.46	ng	0.00
23) Nitrobenzene-d5	7.35	82	551348	82.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	276771	124.57	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1086078	80.11	ng	-0.02
78) Terphenyl-d14	12.90	244	1208360	83.81	ng	-0.01

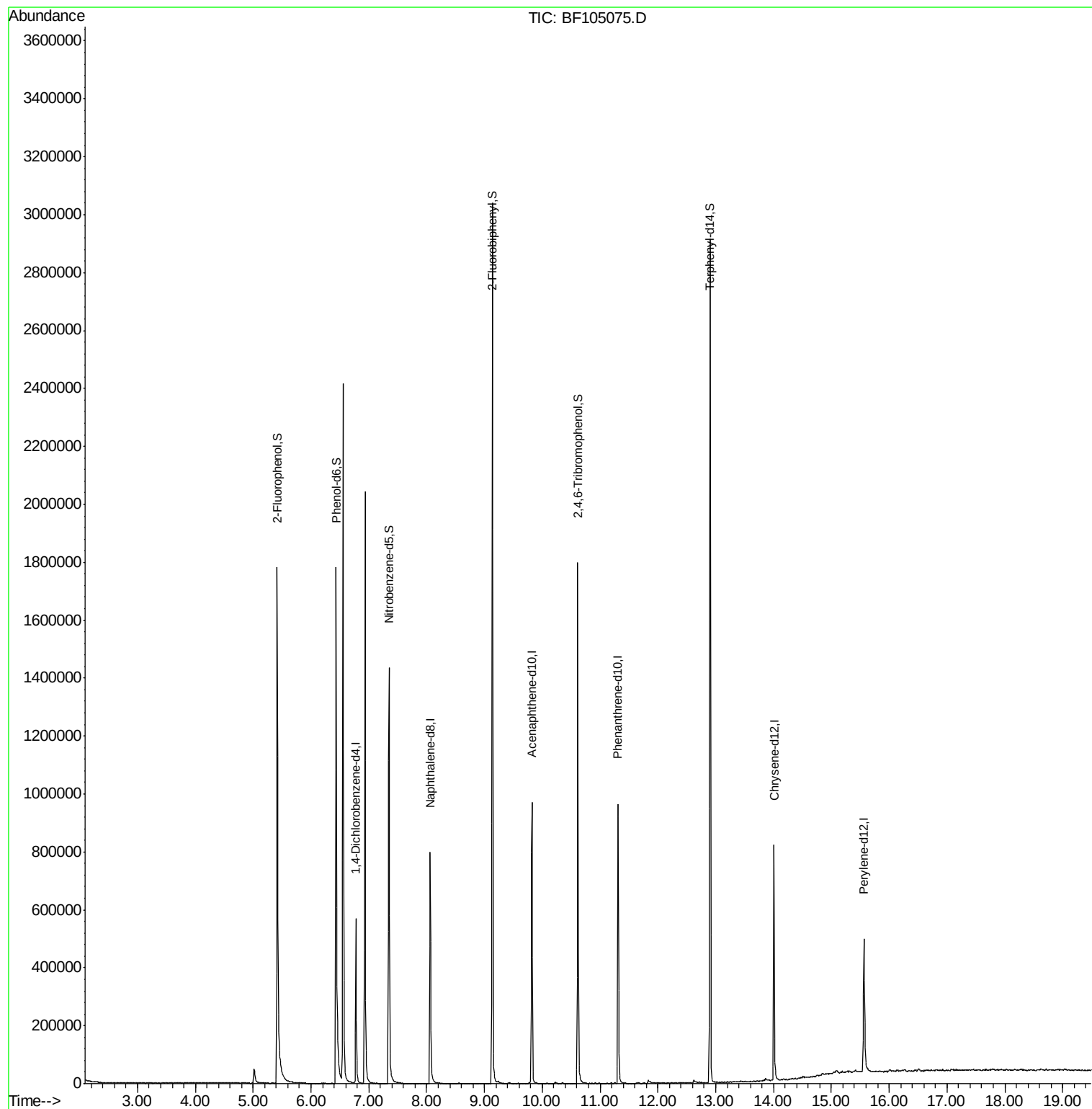
Target Compounds Qvalue

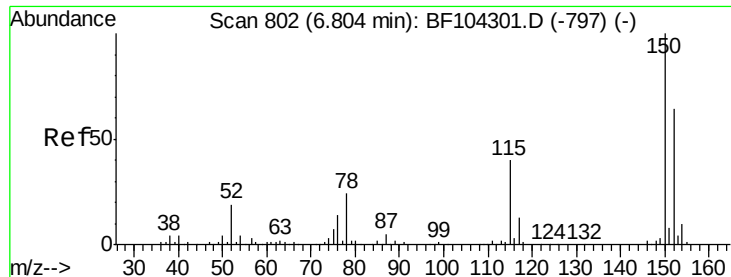
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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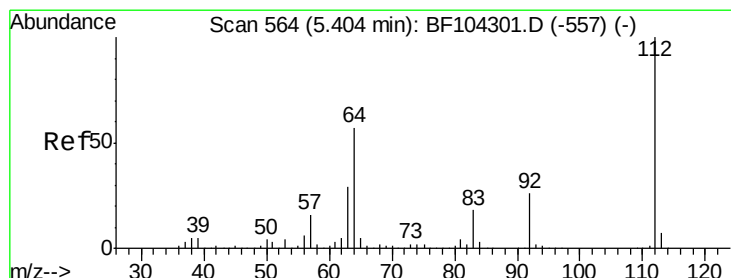
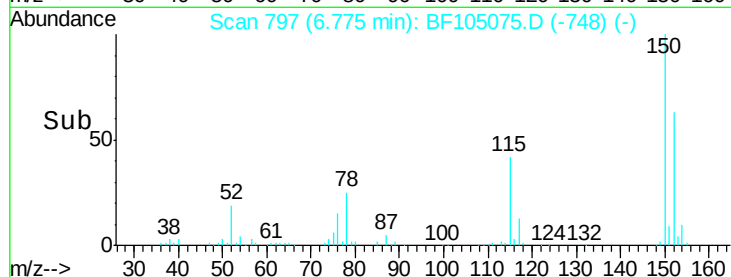
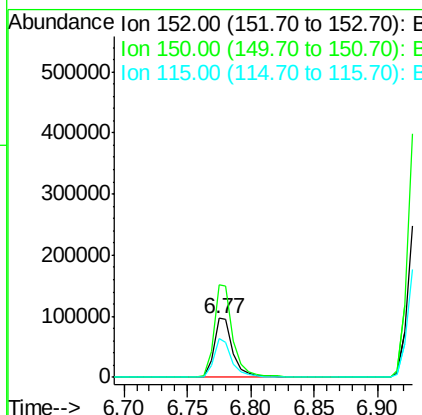
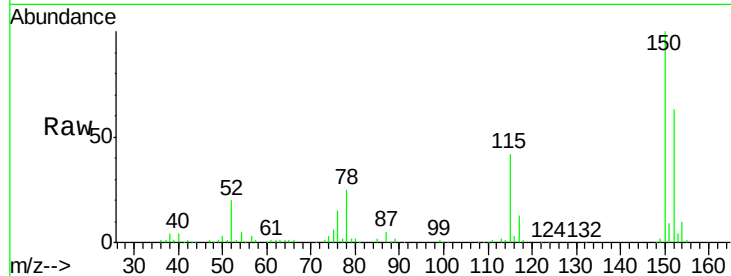


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF105075.D
Acq: 3 May 2018 16:27

Instrument :
BNA_F
ClientSampleId :
PB108807BL

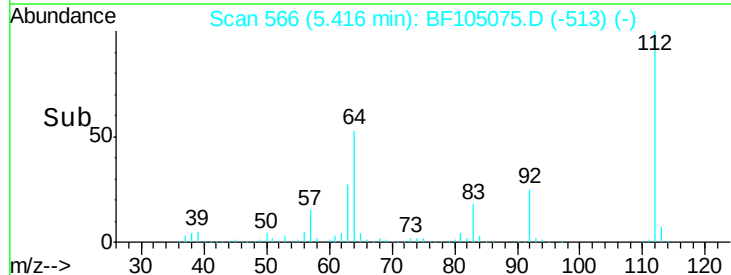
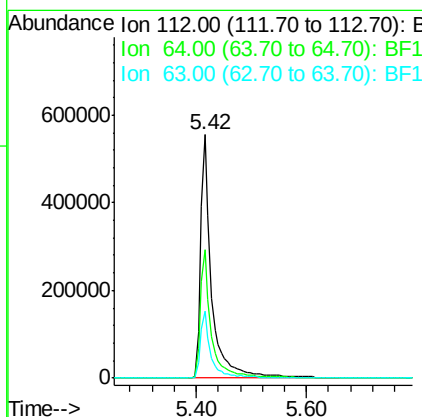
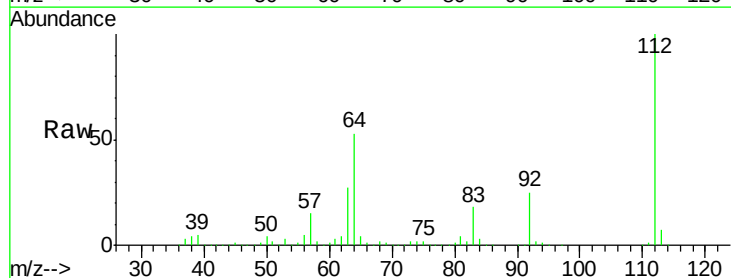
Tot Ion:152 Resp: 103257
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 65.8 50.1 75.1

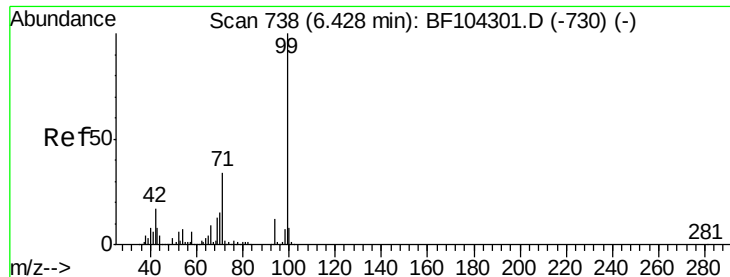


#5

2-Fluorophenol
Concen: 114.814 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF105075.D
Acq: 3 May 2018 16:27

Tgt Ion:112 Resp: 775339
Ion Ratio Lower Upper
112 100
64 52.6 47.9 71.9
63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 109.462 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF105075.D

Acq: 3 May 2018 16:27

Instrument :

BNA_F

ClientSampleId :

PB108807BL

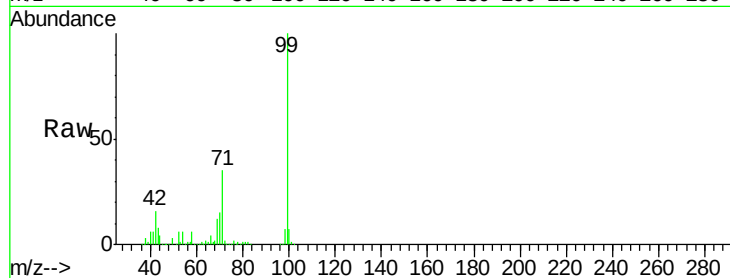
Tot Ion: 99 Resp: 908233

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

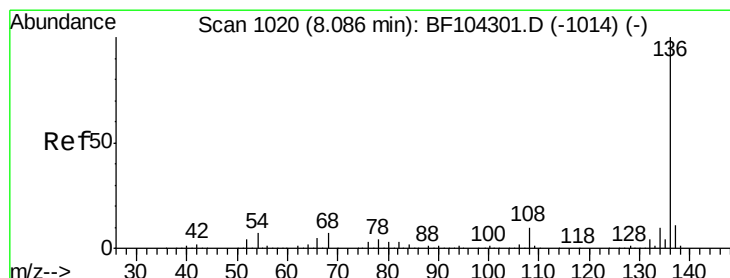
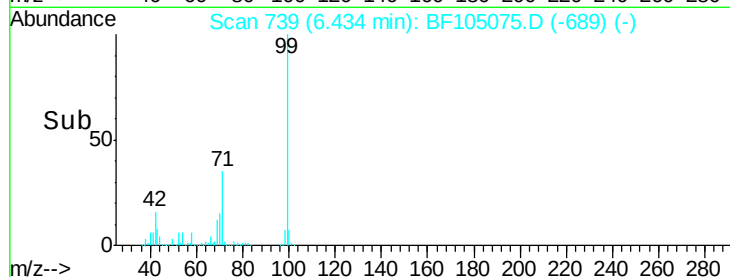
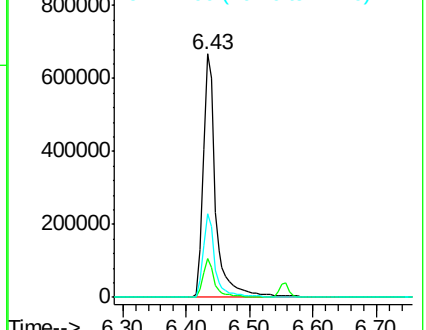
71 34.6 25.4 38.0



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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF105075.D

Acq: 3 May 2018 16:27

Tgt Ion: 136 Resp: 437592

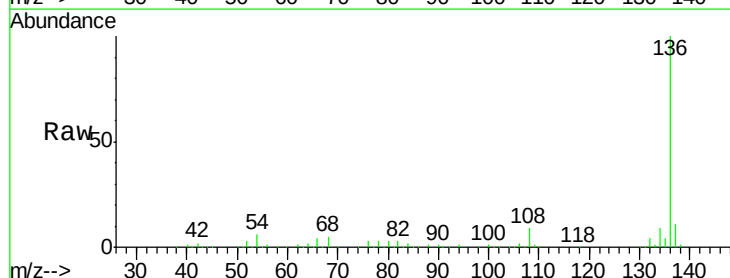
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.3 6.6 9.8#

68 5.2 5.0 7.4

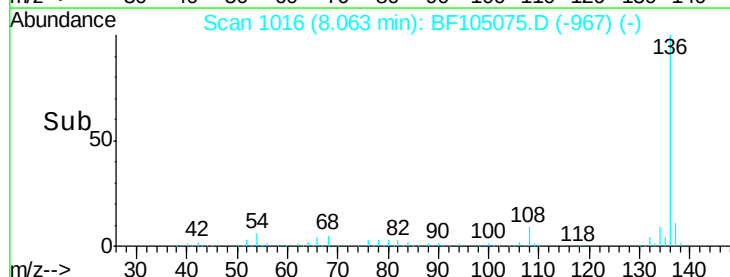
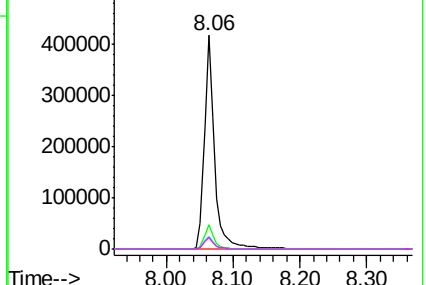


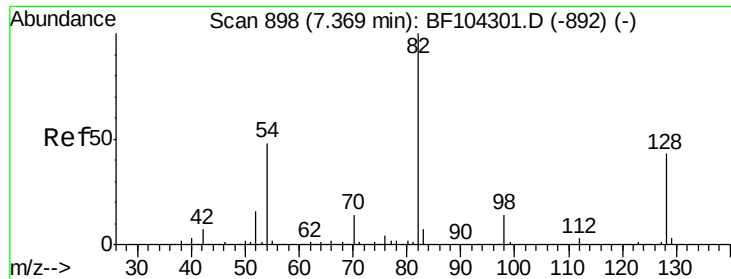
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

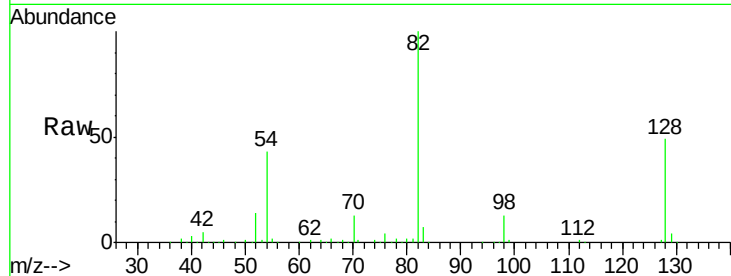




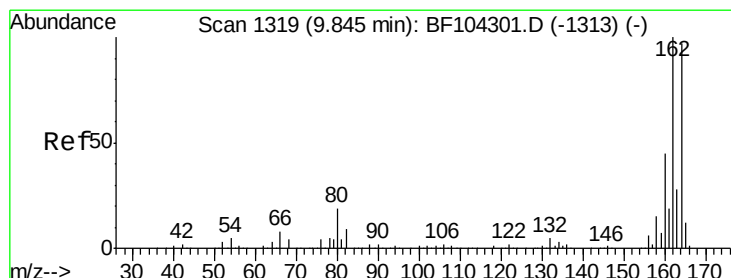
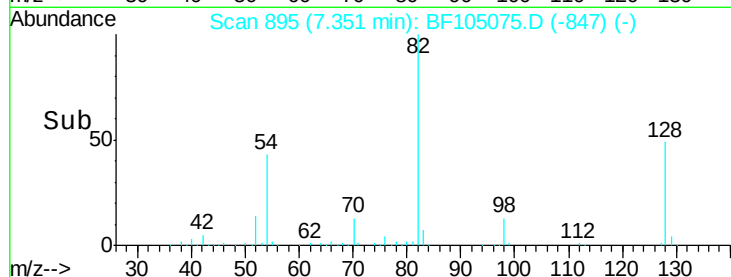
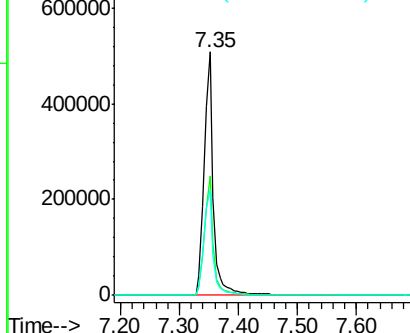
#23
 Nitrobenzene-d5
 Concen: 82.273 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF105075.D
 Acq: 3 May 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BL

Tot Ion: 82 Resp: 551348
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 43.1 41.4 62.2

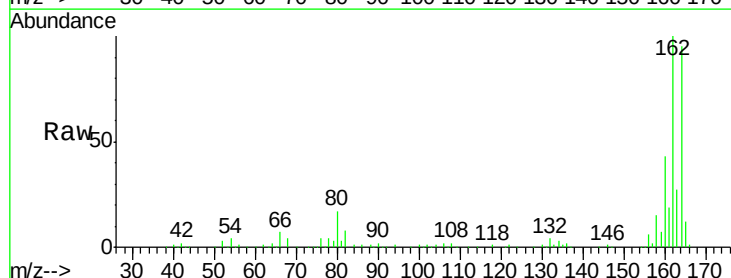


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

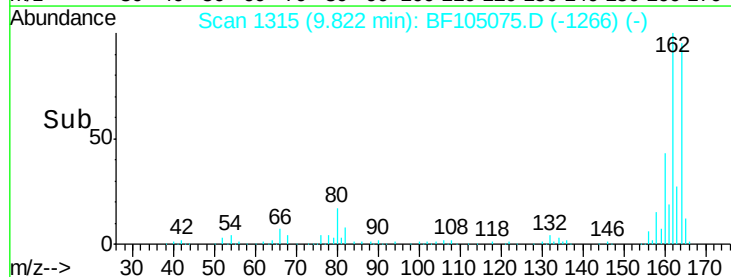
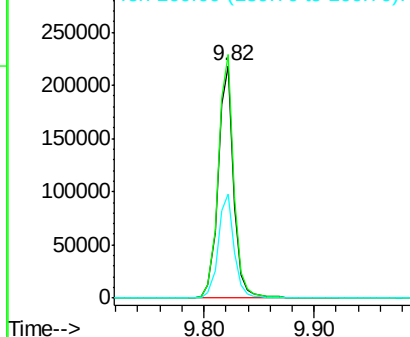


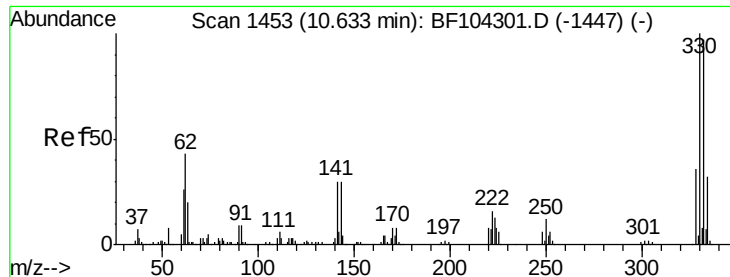
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105075.D
 Acq: 3 May 2018 16:27

Tgt Ion: 164 Resp: 214182
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 45.1 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

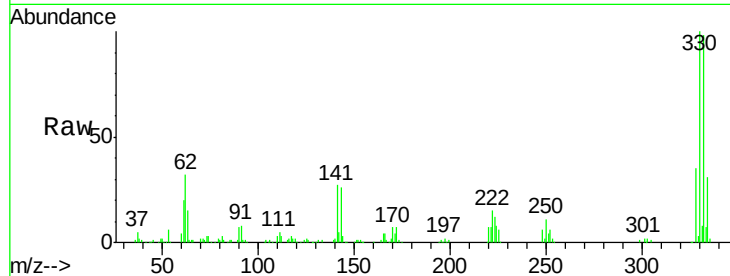




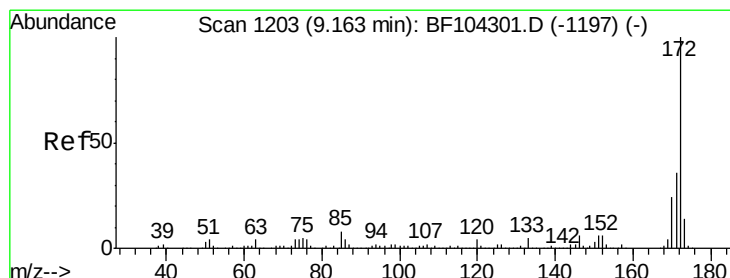
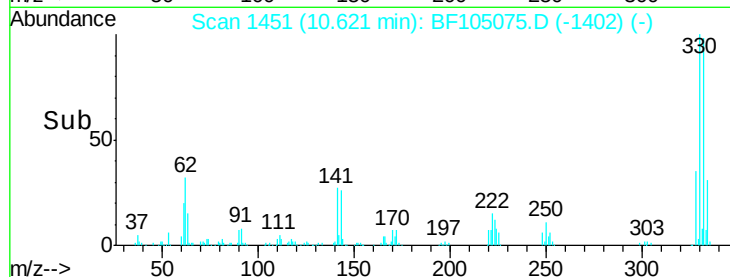
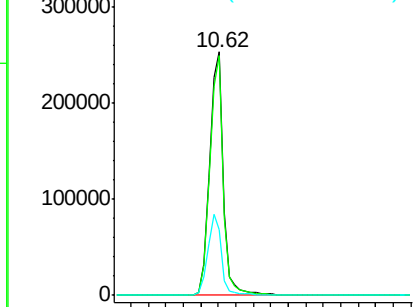
#41
 2,4,6-Tribromophenol
 Concen: 124.572 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105075.D
 Acq: 3 May 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 PB108807BL

Tot Ion:330 Resp: 276771
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 33.0 29.9 44.9

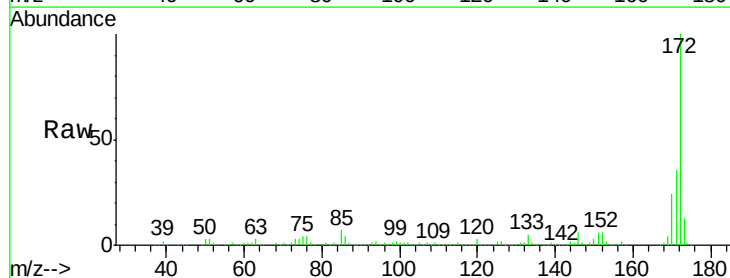


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

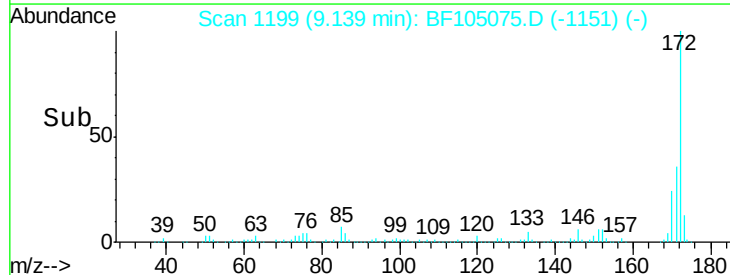
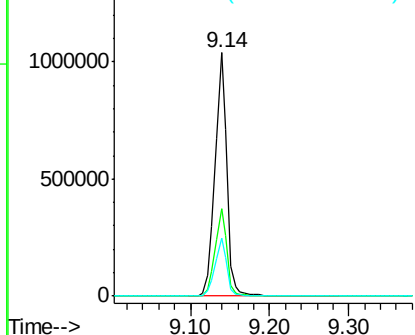


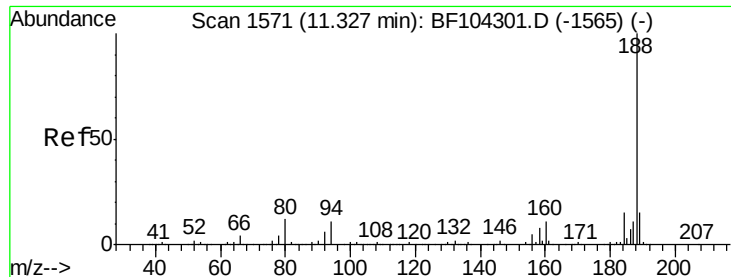
#44
 2-Fluorobiphenyl
 Concen: 80.106 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF105075.D
 Acq: 3 May 2018 16:27

Tgt Ion:172 Resp: 1086078
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.6 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

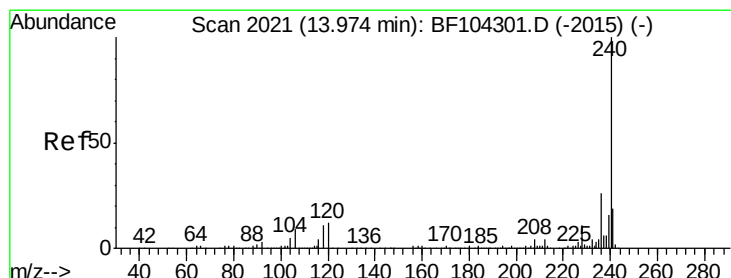
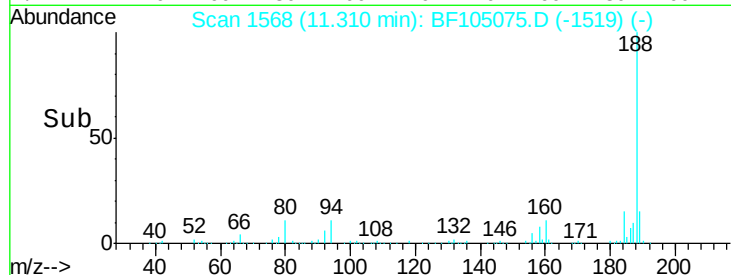
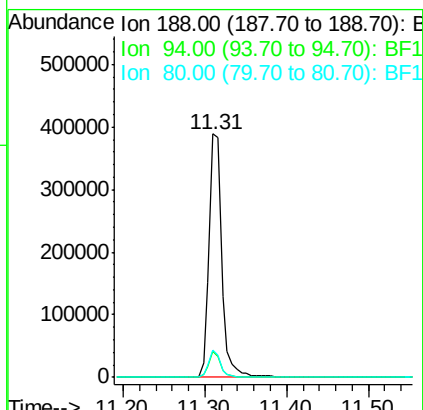
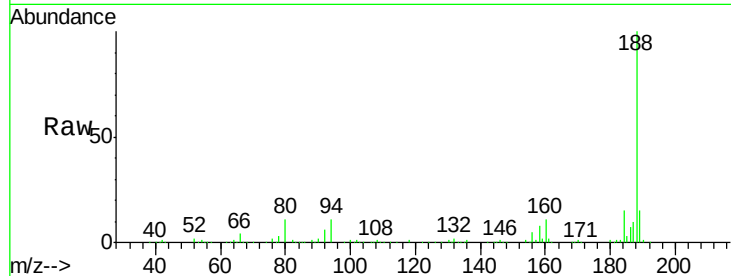




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105075.D
Acq: 3 May 2018 16:27

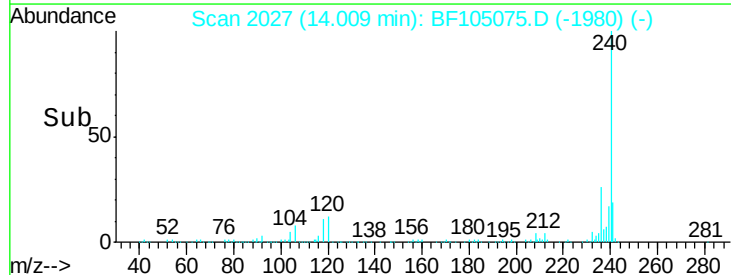
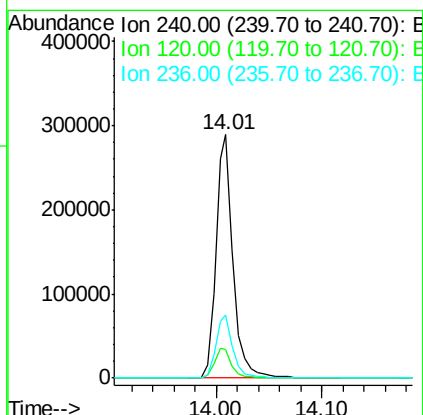
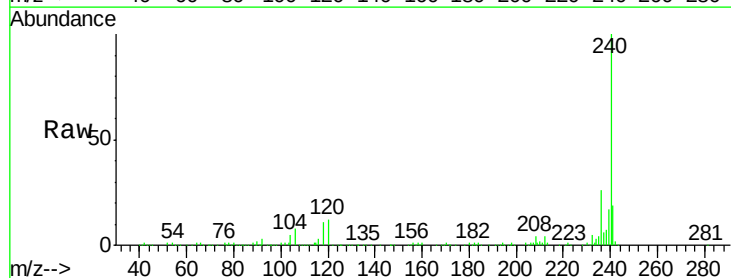
Instrument :
BNA_F
ClientSampleId :
PB108807BL

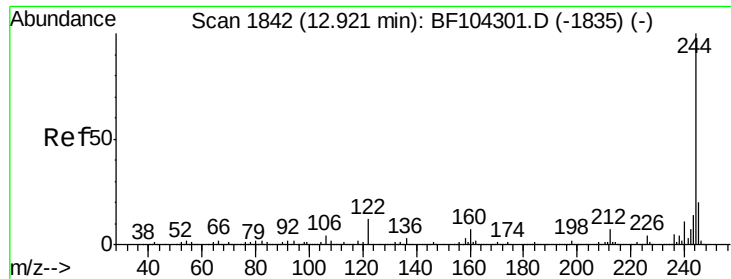
Tot Ion:188 Resp: 420255
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF105075.D
Acq: 3 May 2018 16:27

Tgt Ion:240 Resp: 328683
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 83.815 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF105075.D

Acq: 3 May 2018 16:27

Instrument :

BNA_F

ClientSampleId :

PB108807BL

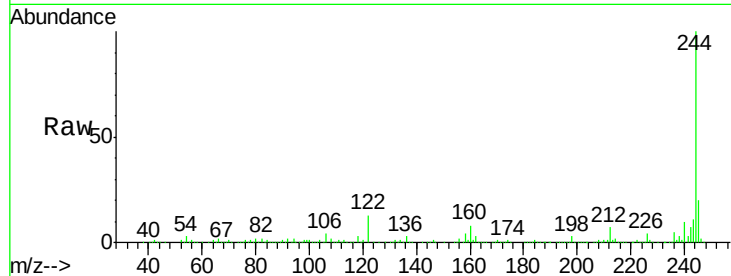
Tot Ion:244 Resp: 1208360

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

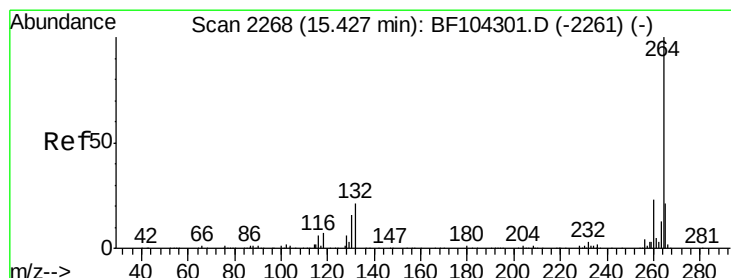
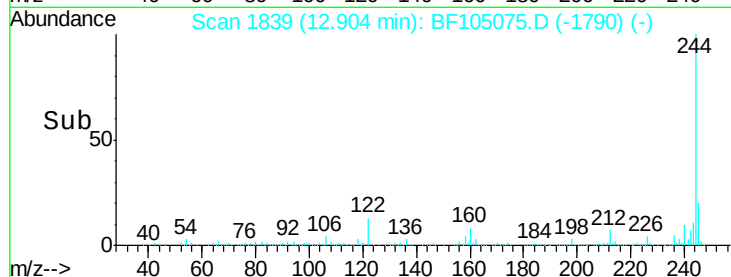
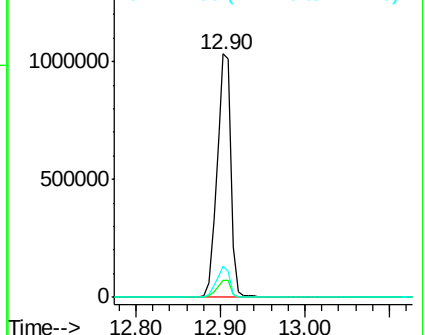
122 12.9 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.02 min

Lab File: BF105075.D

Acq: 3 May 2018 16:27

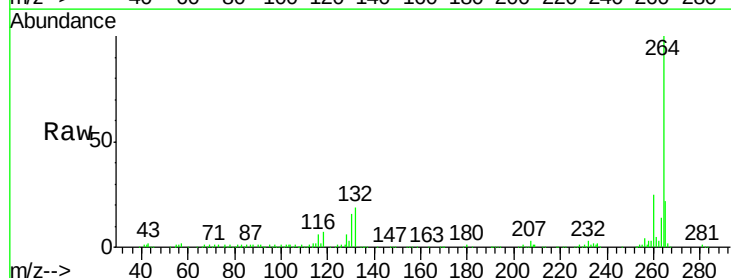
Tgt Ion:264 Resp: 244660

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 22.1 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

