

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105336.D
 Acq On : 12 May 2018 14:44
 Operator : JU/SJ
 Sample : J2675-03 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051018-A

Quant Time: May 14 08:50:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143524	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	626913	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	287346	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	530466	20.00	ng	0.00
75) Chrysene-d12	14.00	240	342265	20.00	ng	-0.02
86) Perylene-d12	15.54	264	363642	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	103001	10.79	ng	0.00
7) Phenol-d6	6.42	99	152886	13.48	ng	0.00
23) Nitrobenzene-d5	7.35	82	87416	8.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	46841	12.62	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	193770	9.72	ng	-0.01
78) Terphenyl-d14	12.90	244	191997	12.06	ng	0.00

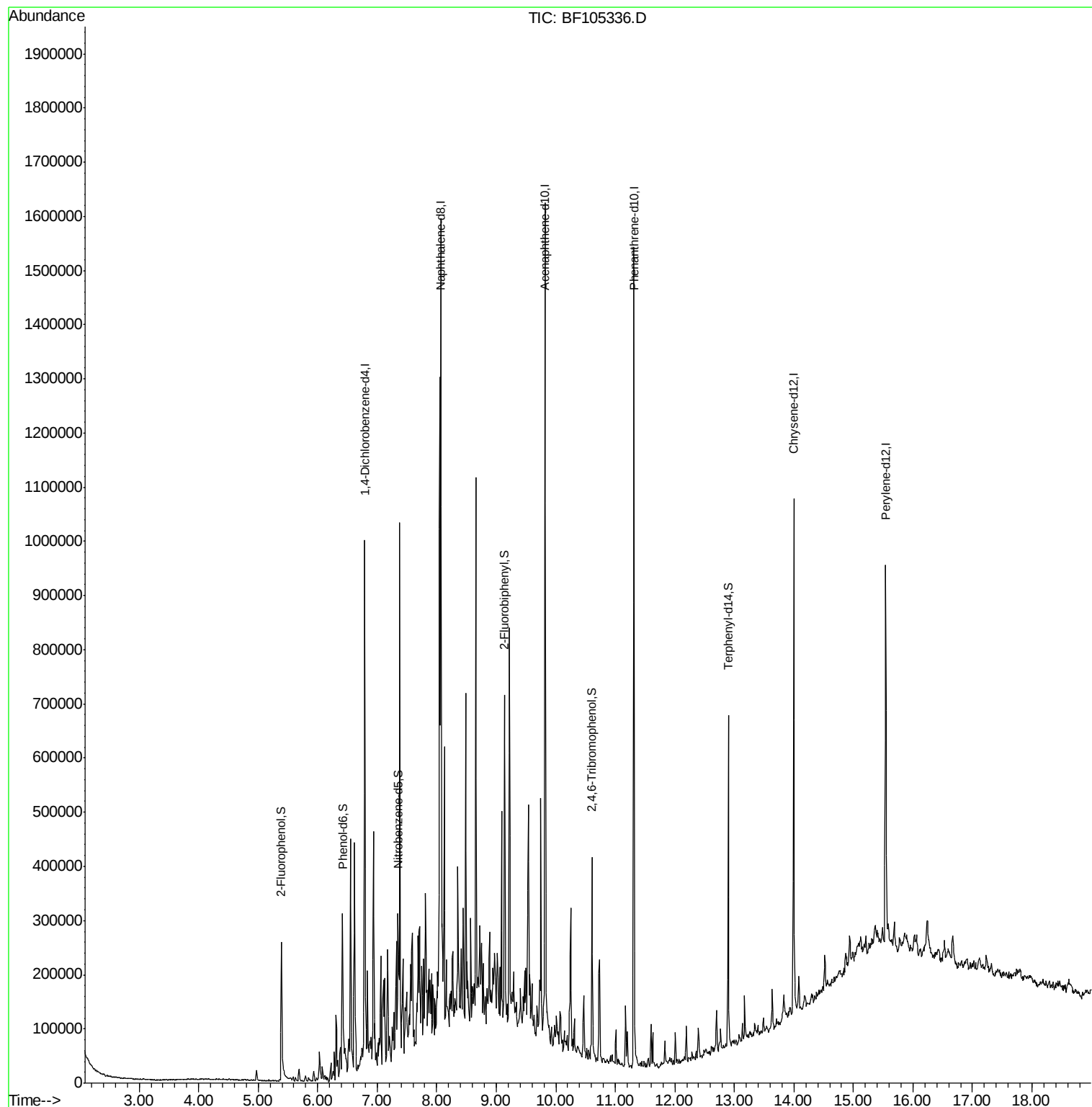
Target Compounds Qvalue

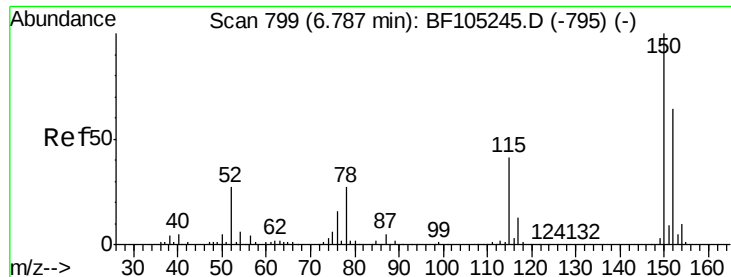
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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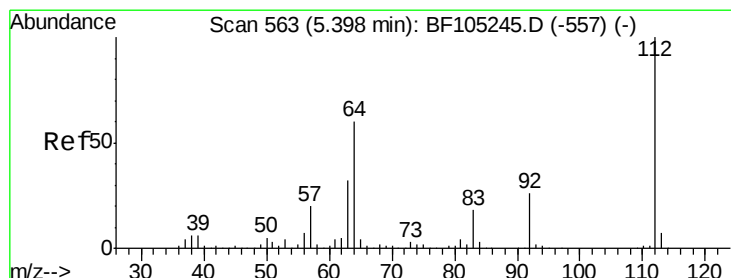
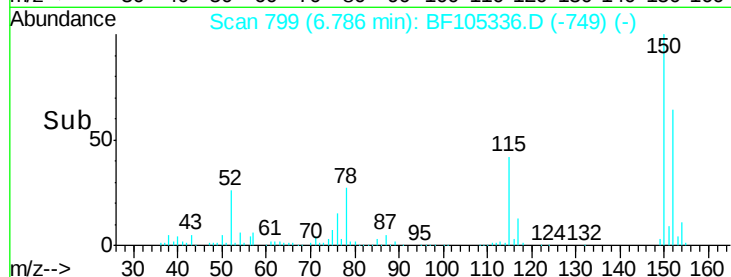
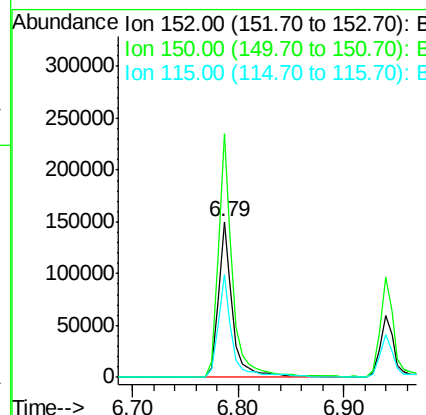
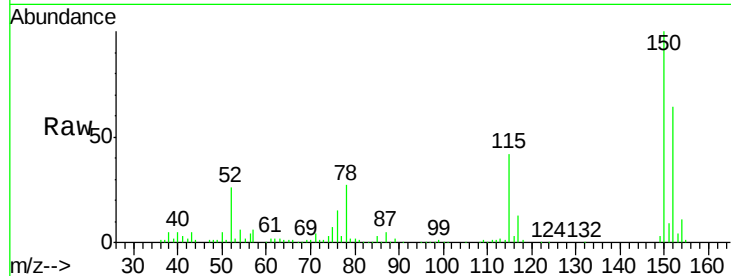


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105336.D
Acq: 12 May 2018 14:44

Instrument :
BNA_F
ClientSampleId :
HR-06-051018-A

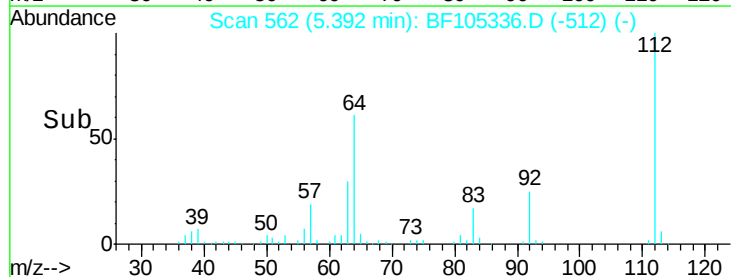
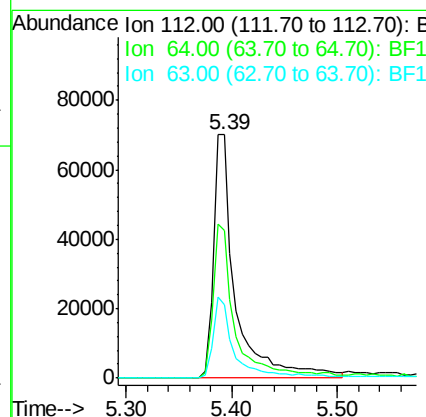
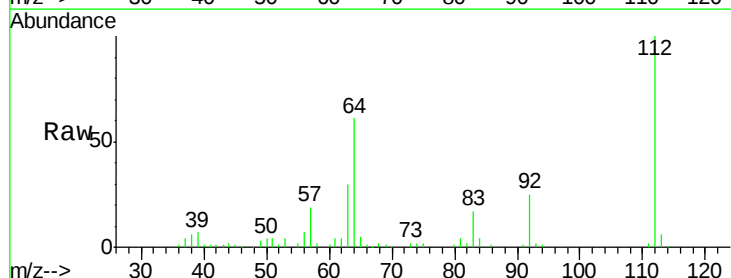
Tot Ion:152 Resp: 143524
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 65.9 50.1 75.1

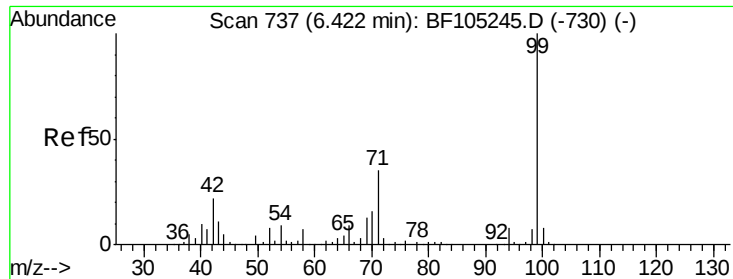


#5

2-Fluorophenol
Concen: 10.794 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF105336.D
Acq: 12 May 2018 14:44

Tgt Ion:112 Resp: 103001
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 30.2 23.7 35.5





#7

Phenol-d6

Concen: 13.483 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF105336.D

Acq: 12 May 2018 14:44

Instrument :

BNA_F

ClientSampleId :

HR-06-051018-A

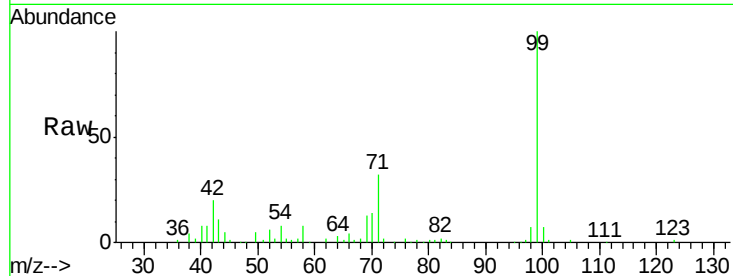
Tot Ion: 99 Resp: 152886

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

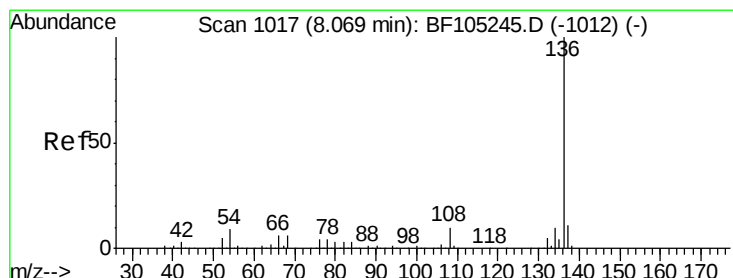
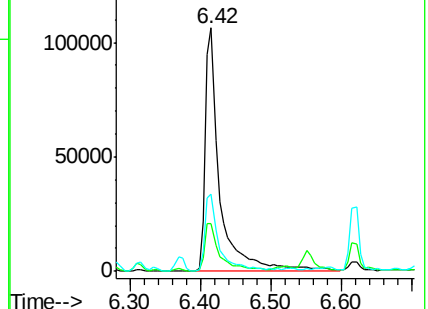
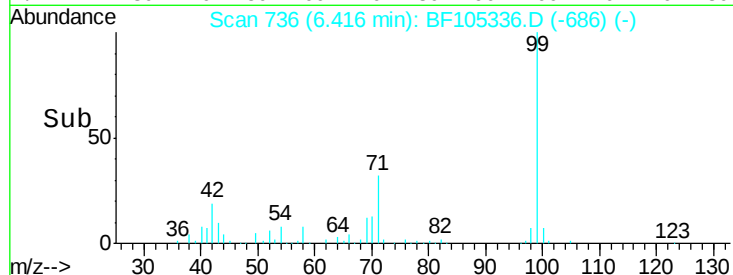
71 31.7 25.4 38.0



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# 1017

Delta R.T. -0.01 min

Lab File: BF105336.D

Acq: 12 May 2018 14:44

Tgt Ion: 136 Resp: 626913

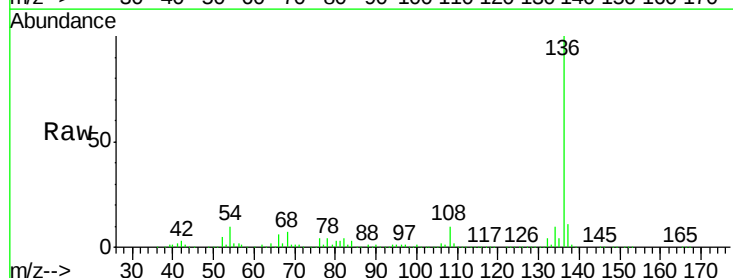
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.7 6.6 9.8

68 6.6 5.0 7.4

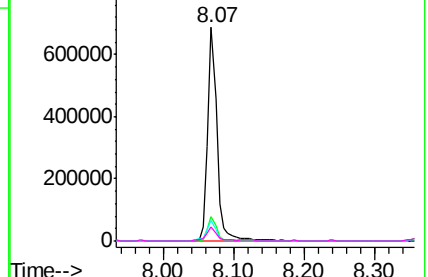
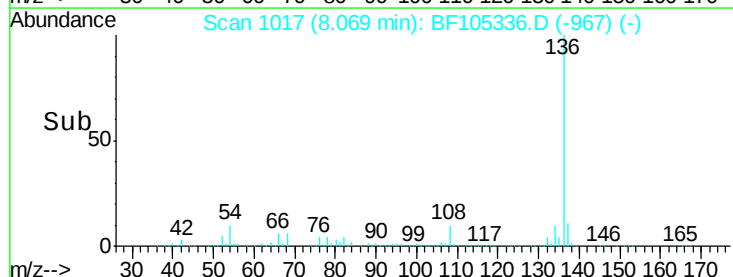


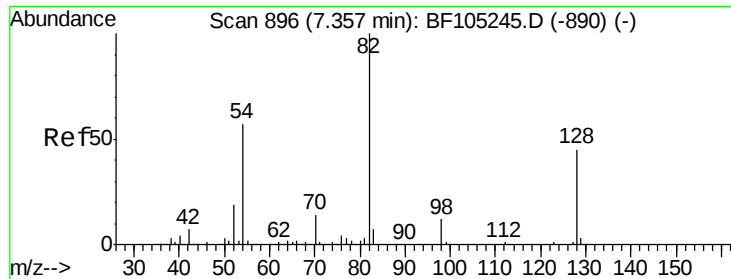
Abundance Ion 136.00 (135.70 to 136.70): E

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

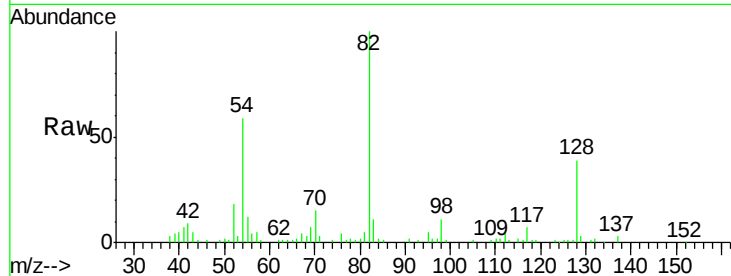




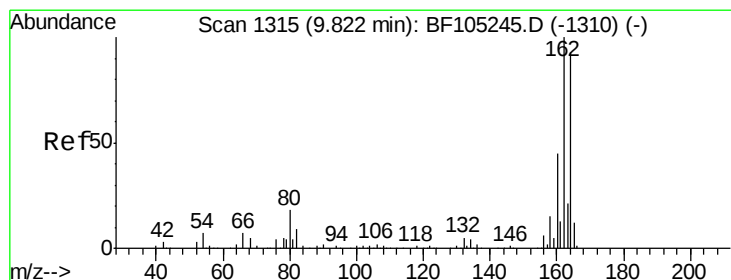
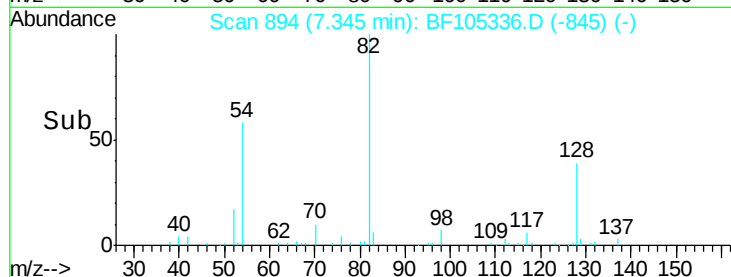
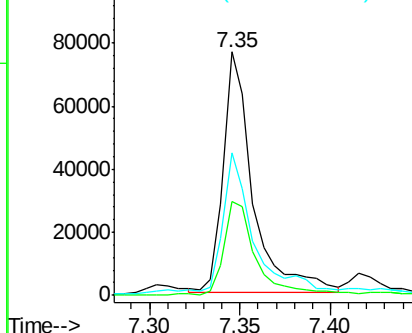
#23
 Nitrobenzene-d5
 Concen: 8.116 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF105336.D
 Acq: 12 May 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051018-A

Tot Ion: 82 Resp: 87416
 Ion Ratio Lower Upper
 82 100
 128 38.6 36.1 54.1
 54 58.6 41.4 62.2

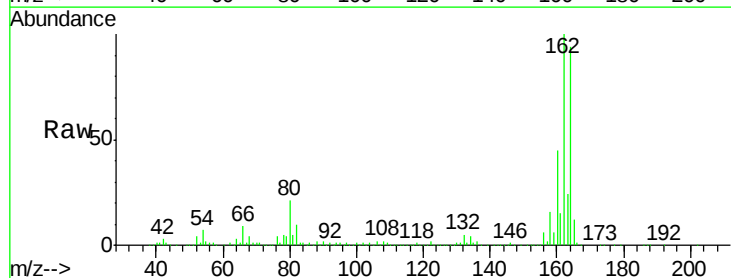


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

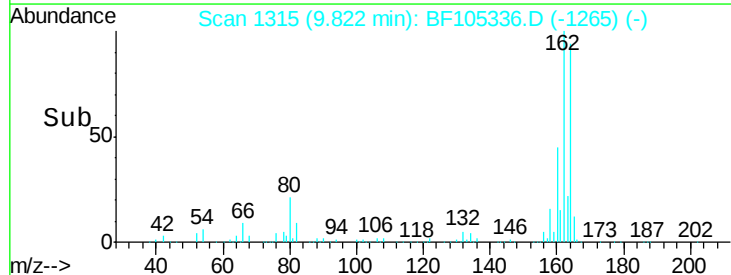
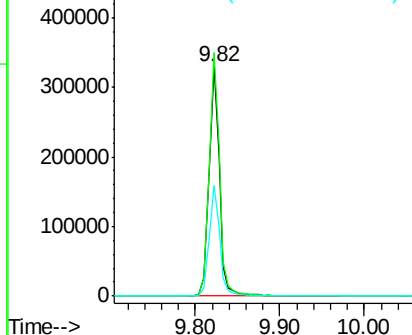


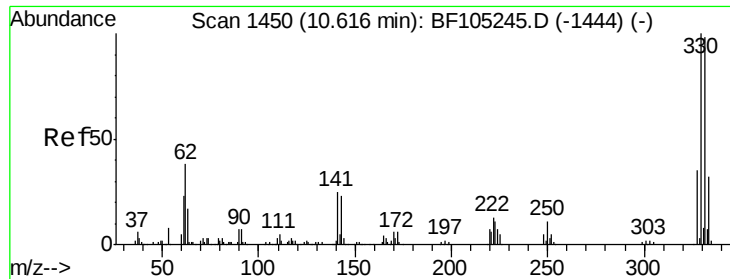
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105336.D
 Acq: 12 May 2018 14:44

Tgt Ion:164 Resp: 287346
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 48.0 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

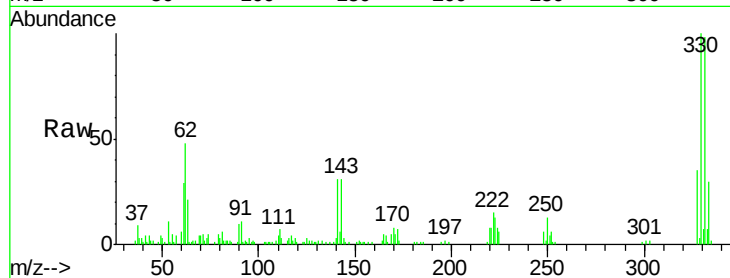




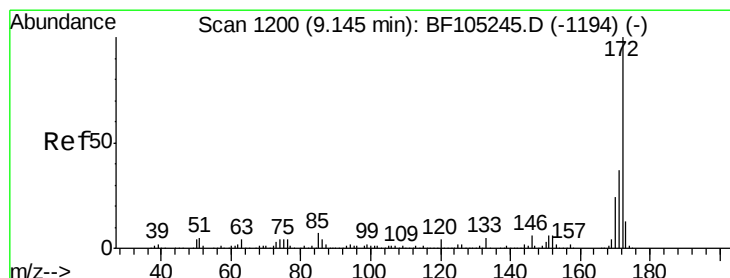
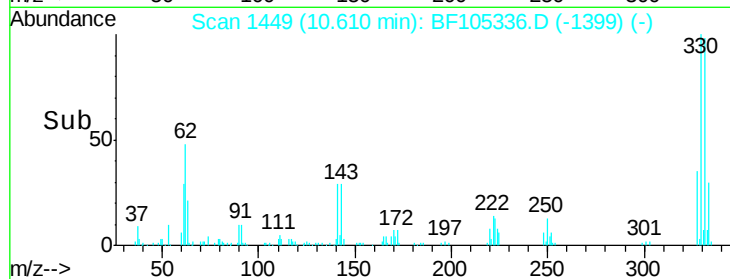
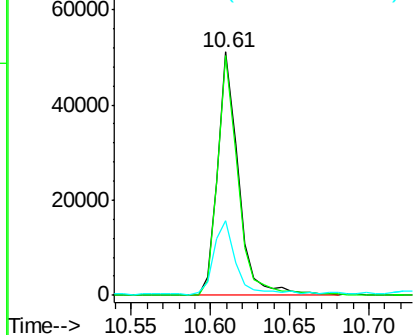
#41
 2,4,6-Tribromophenol
 Concen: 12.617 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF105336.D
 Acq: 12 May 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051018-A

Tot Ion:330 Resp: 46841
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 34.6 29.9 44.9

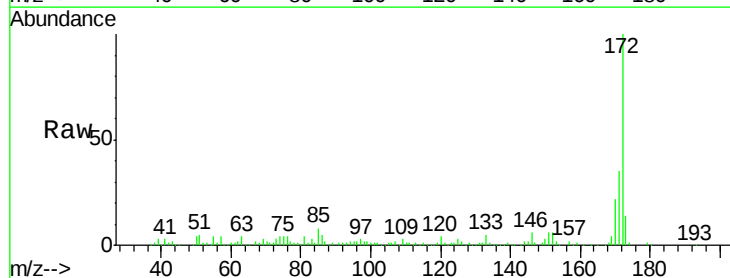


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

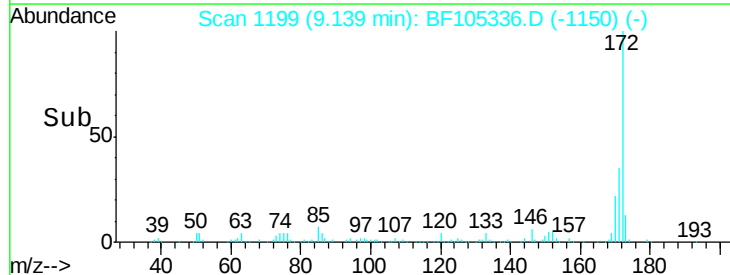
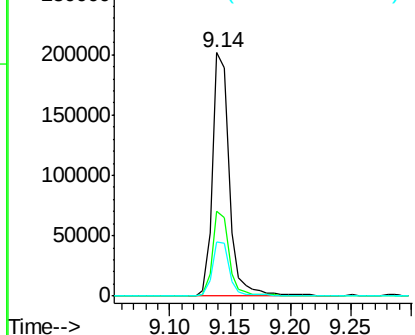


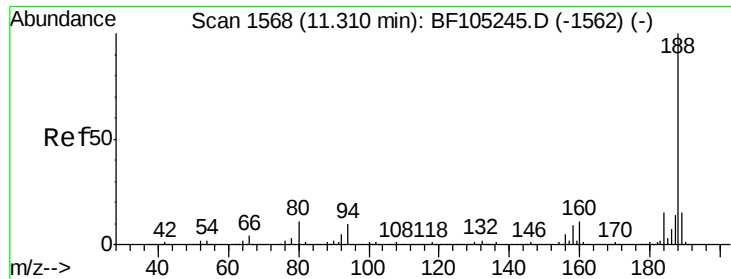
#44
 2-Fluorobiphenyl
 Concen: 9.719 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF105336.D
 Acq: 12 May 2018 14:44

Tgt Ion:172 Resp: 193770
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 22.5 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

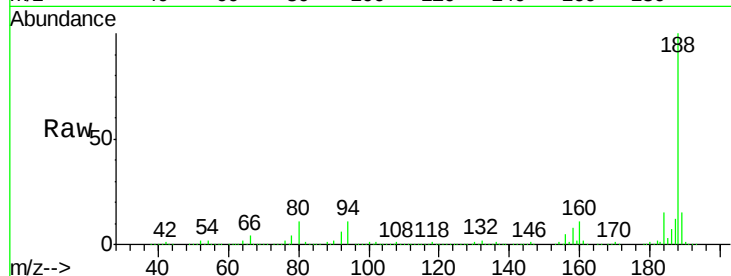




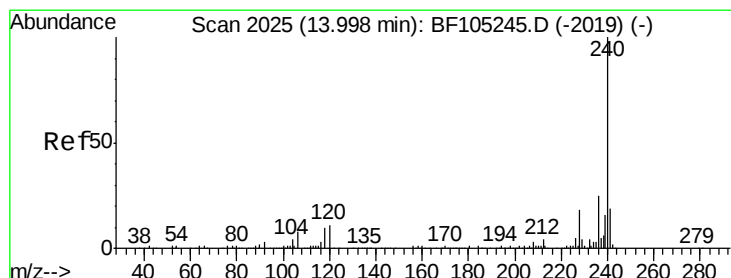
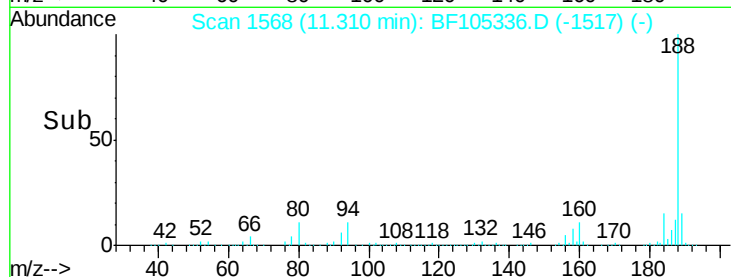
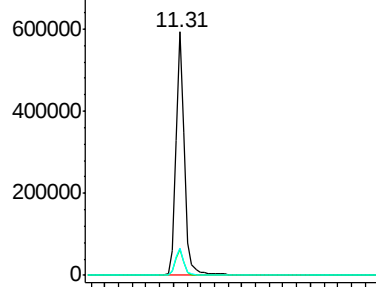
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF105336.D
Acq: 12 May 2018 14:44

Instrument :
BNA_F
ClientSampleId :
HR-06-051018-A

Tot Ion:188 Resp: 530466
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.1 9.2 13.8

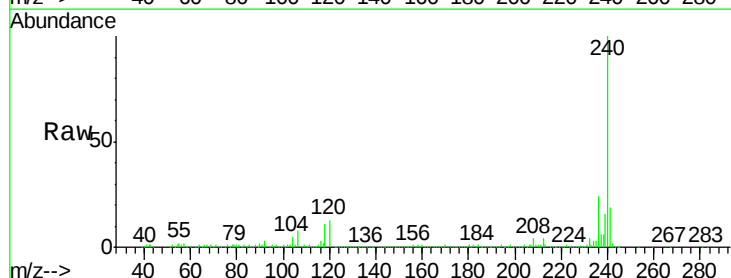


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

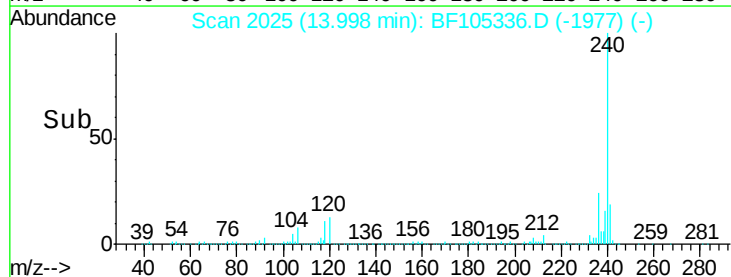
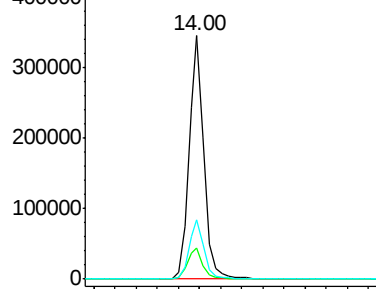


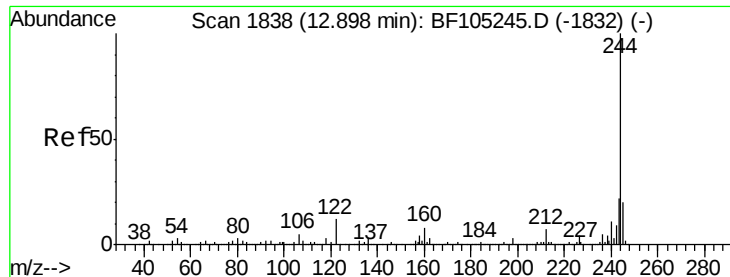
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF105336.D
Acq: 12 May 2018 14:44

Tgt Ion:240 Resp: 342265
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 24.5 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: 12.059 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF105336.D

Acq: 12 May 2018 14:44

Instrument :

BNA_F

ClientSampleId :

HR-06-051018-A

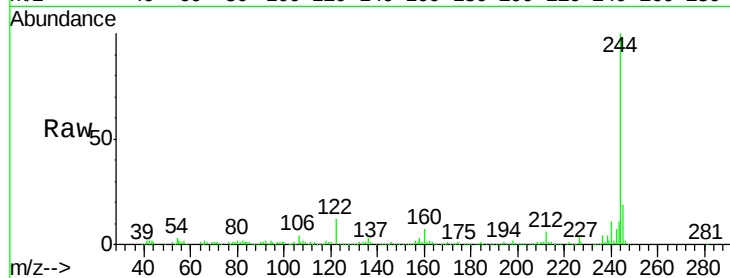
Tot Ion:244 Resp: 191997

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

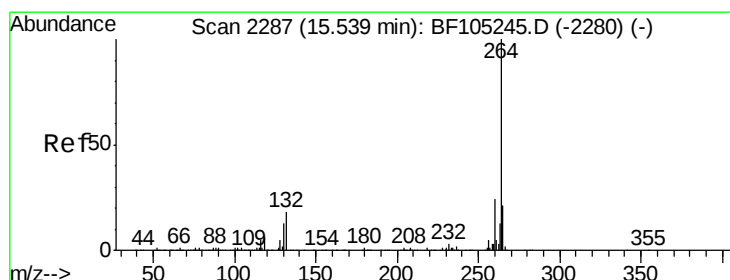
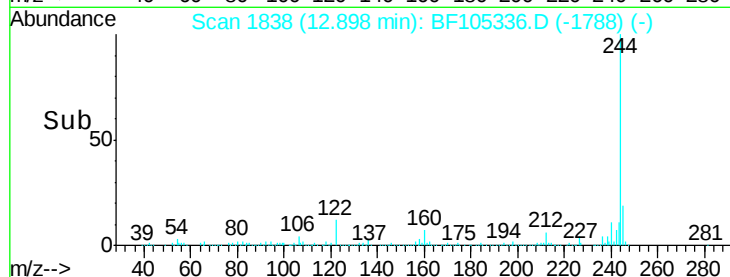
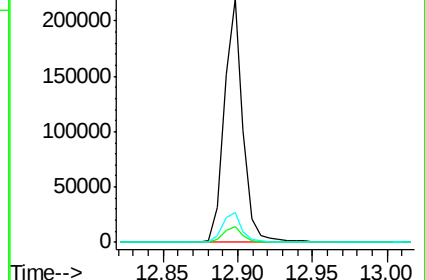
122 12.1 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF105336.D

Acq: 12 May 2018 14:44

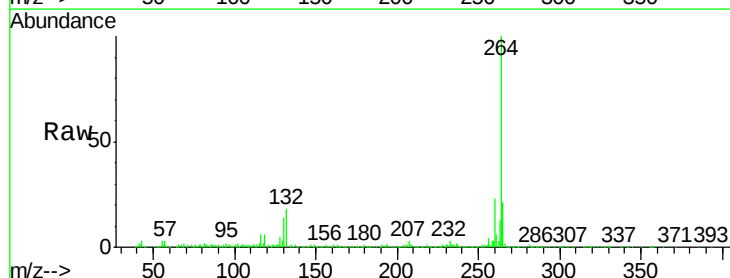
Tgt Ion:264 Resp: 363642

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.0 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

