

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104313.D
 Acq On : 6 Apr 2018 18:51
 Operator : JU/SJ
 Sample : J2153-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040418-A

Quant Time: Apr 06 23:35:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	136794	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	536868	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	232040	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	342185	20.00	ng	0.00
75) Chrysene-d12	13.96	240	277047	20.00	ng	-0.01
86) Perylene-d12	15.42	264	305546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	199120	22.26	ng	0.00
7) Phenol-d6	6.41	99	236876	21.55	ng	-0.02
23) Nitrobenzene-d5	7.36	82	123385	15.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	42178	17.52	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	253937	17.29	ng	0.00
78) Terphenyl-d14	12.91	244	172211	14.17	ng	-0.01

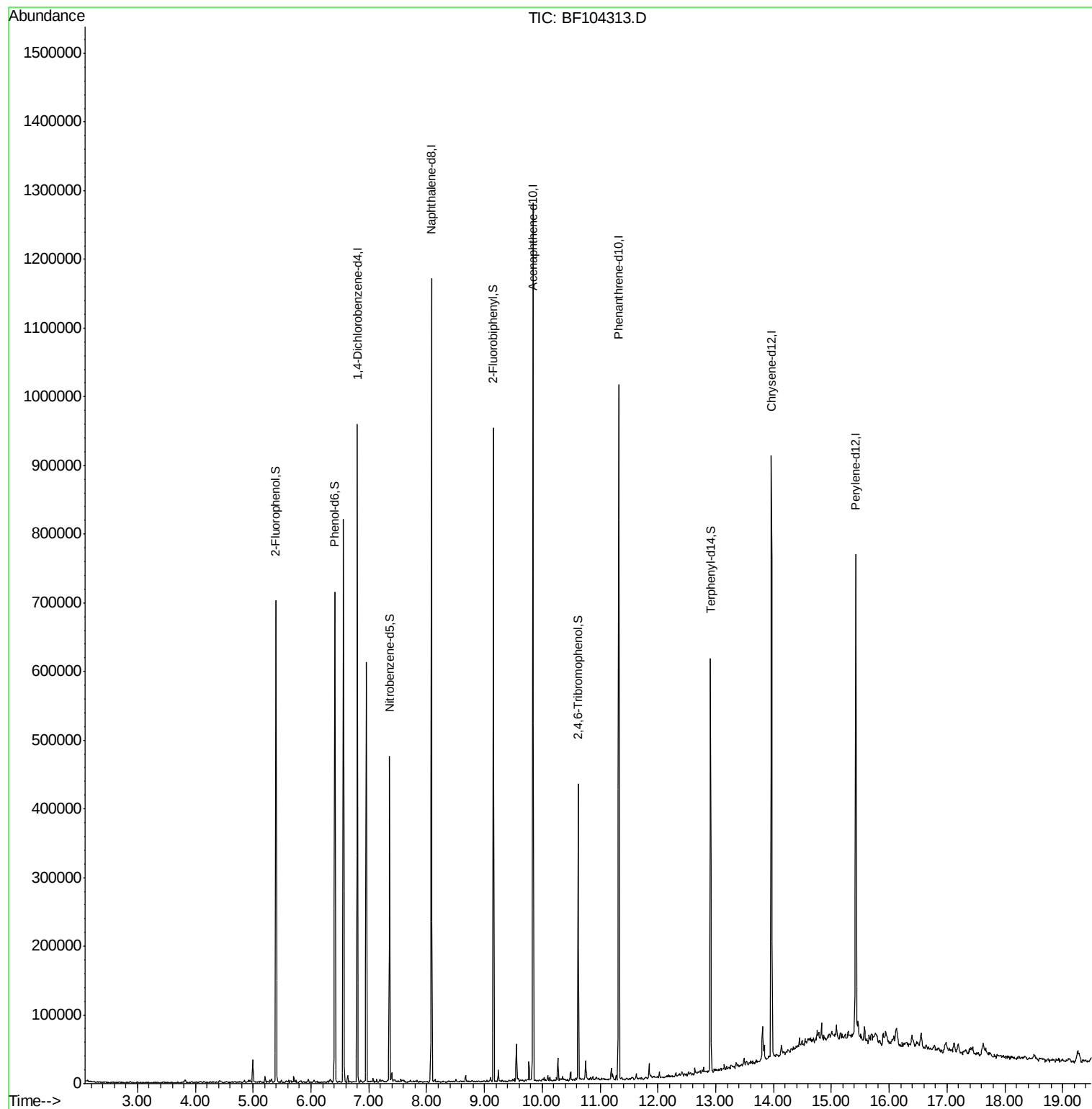
Target Compounds Qvalue

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

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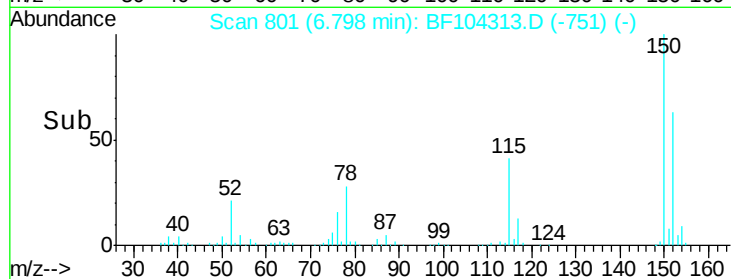
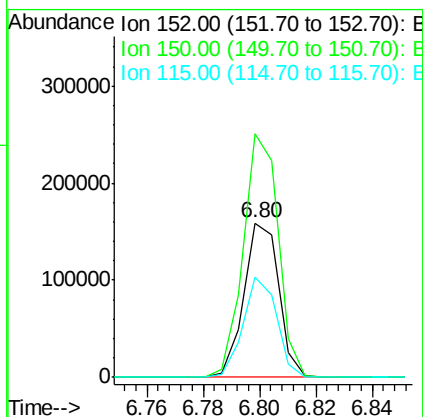
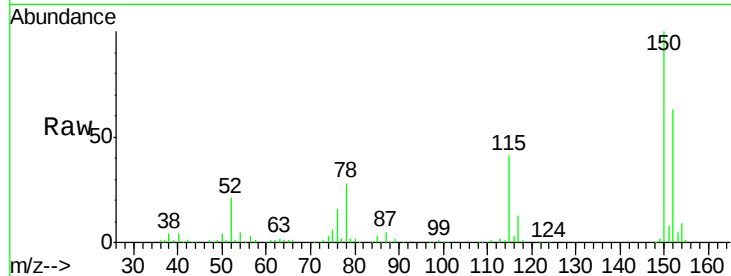


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF104313.D
 Acq: 6 Apr 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040418-A

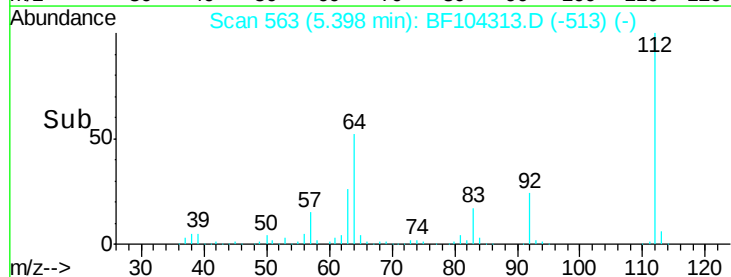
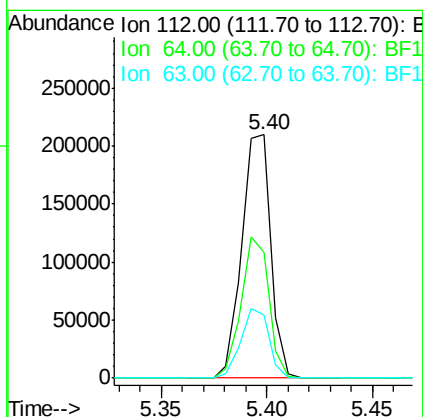
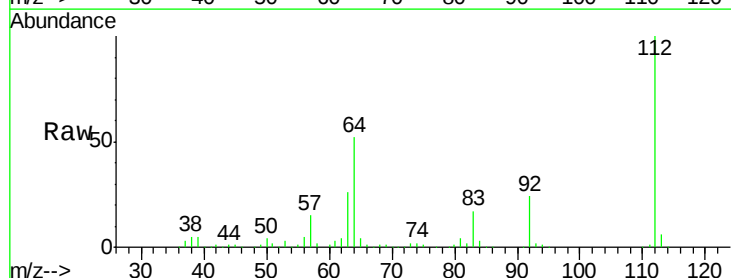
Tot Ion:152 Resp: 136794
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 65.5 50.1 75.1



#5

2-Fluorophenol
 Concen: 22.257 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF104313.D
 Acq: 6 Apr 2018 18:51

Tgt Ion:112 Resp: 199120
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 26.1 23.7 35.5





#7

Phenol-d6

Concen: 21.550 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF104313.D

Acq: 6 Apr 2018 18:51

Instrument :

BNA_F

ClientSampleId :

HR-06-040418-A

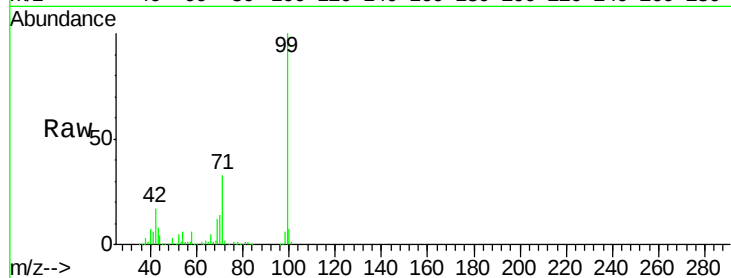
Tot Ion: 99 Resp: 236876

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

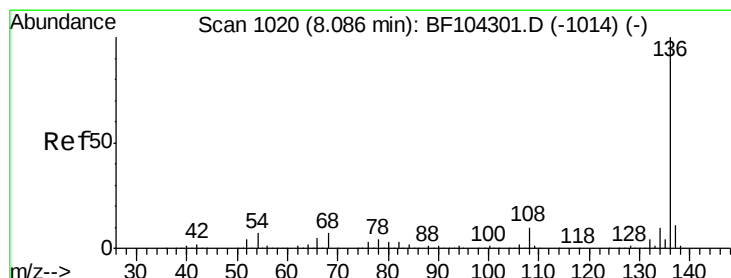
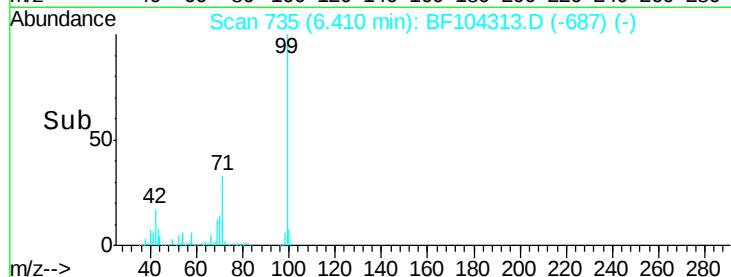
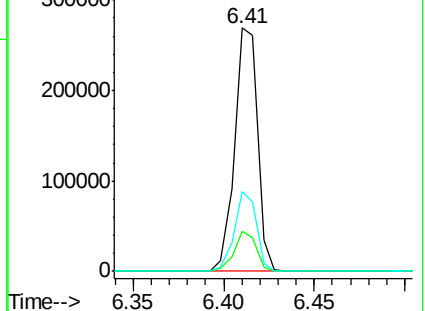
71 32.7 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104313.D

Acq: 6 Apr 2018 18:51

Tgt Ion: 136 Resp: 536868

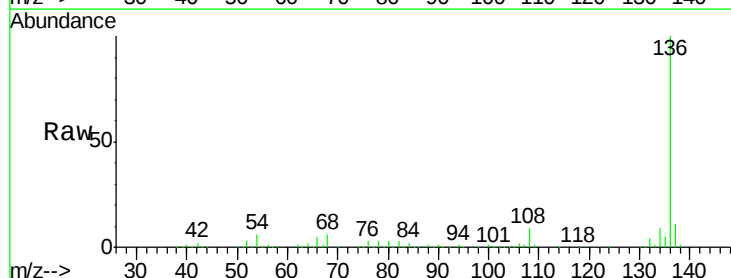
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.9 5.0 7.4

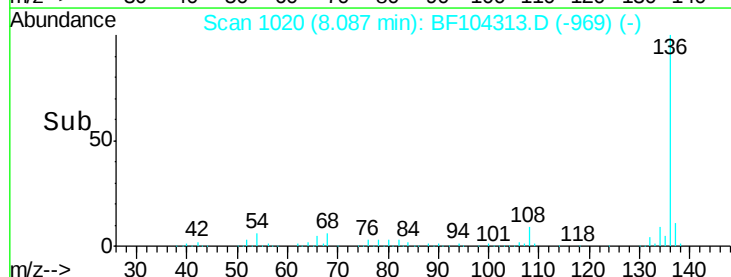
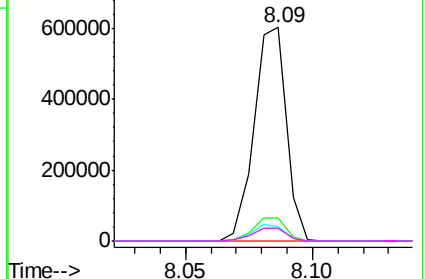


Abundance Ion 136.00 (135.70 to 136.70): E

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

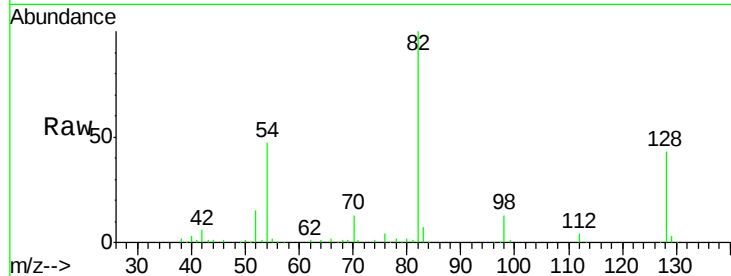




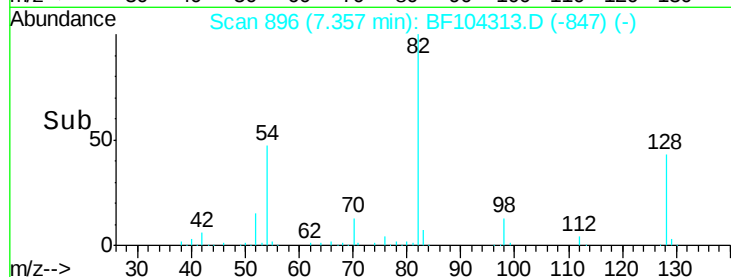
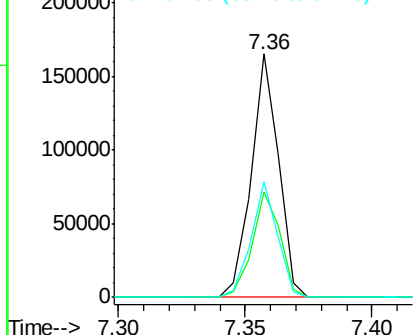
#23
 Nitrobenzene-d5
 Concen: 15.007 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104313.D
 Acq: 6 Apr 2018 18:51

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040418-A

Tot Ion	82	Resp	123385
Ion Ratio	100	Lower	Upper
128	43.4	36.1	54.1
54	47.3	41.4	62.2

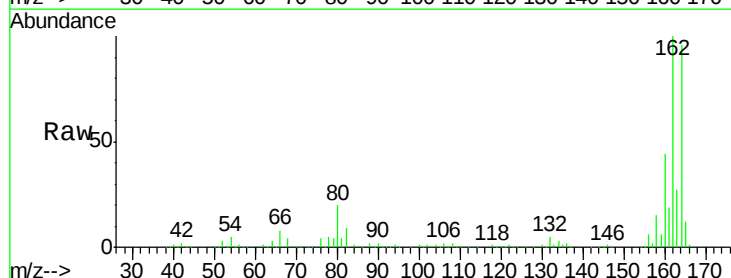


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

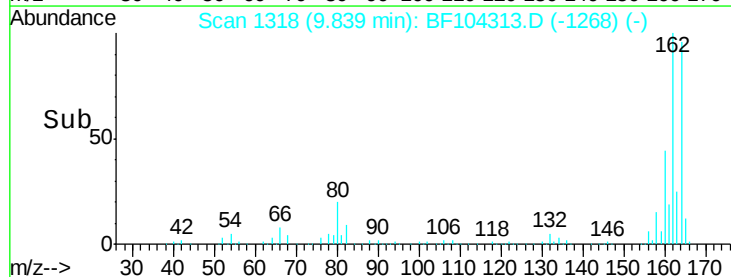
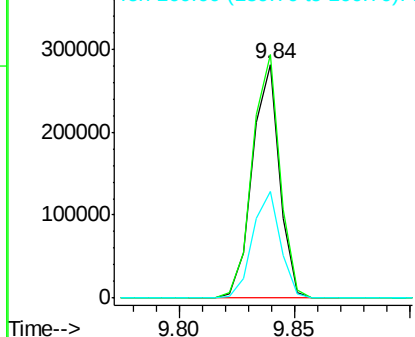


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104313.D
 Acq: 6 Apr 2018 18:51

Tgt Ion	164	Resp	232040
Ion Ratio	100	Lower	Upper
162	104.1	86.1	129.1
160	45.7	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: 17.523 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF104313.D

Acq: 6 Apr 2018 18:51

Instrument :

BNA_F

ClientSampleId :

HR-06-040418-A

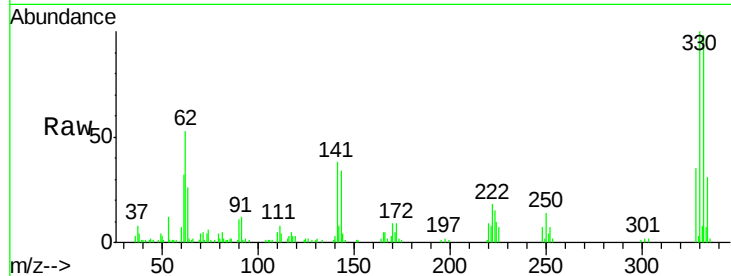
Tot Ion:330 Resp: 42178

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

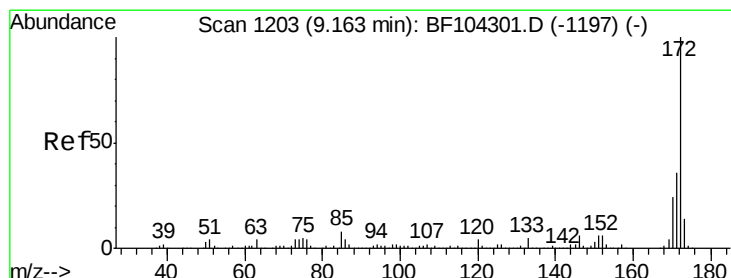
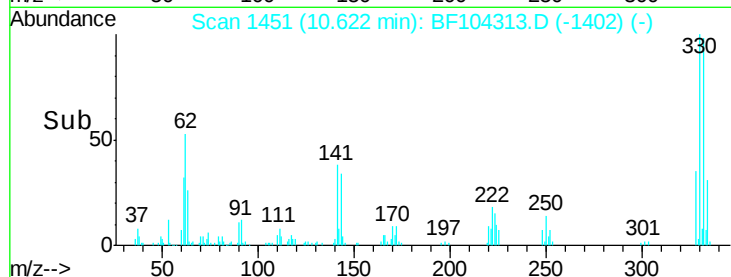
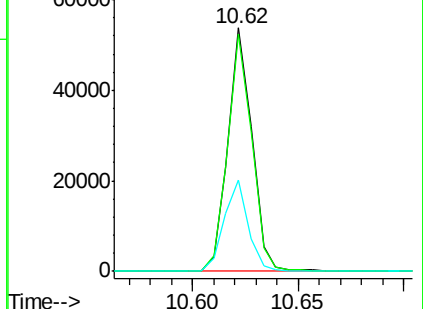
141 37.2 29.9 44.9



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: 17.288 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF104313.D

Acq: 6 Apr 2018 18:51

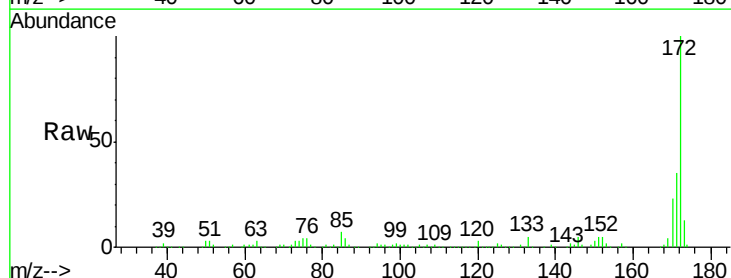
Tgt Ion:172 Resp: 253937

Ion Ratio Lower Upper

172 100

171 34.9 29.7 44.5

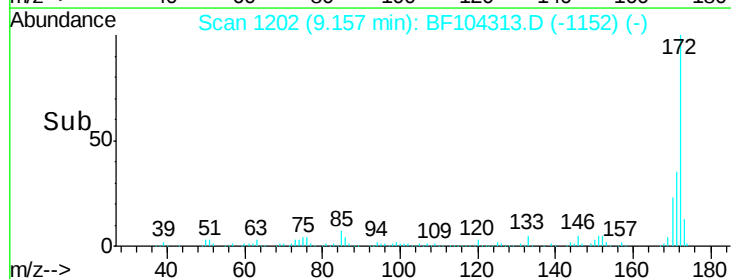
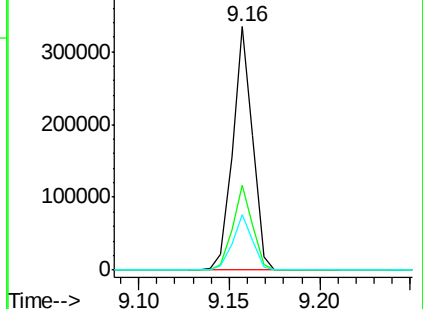
170 22.8 19.6 29.4



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

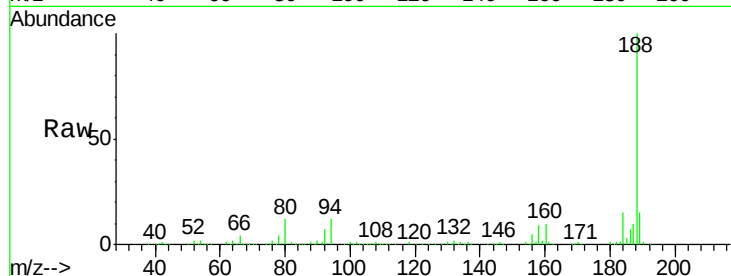




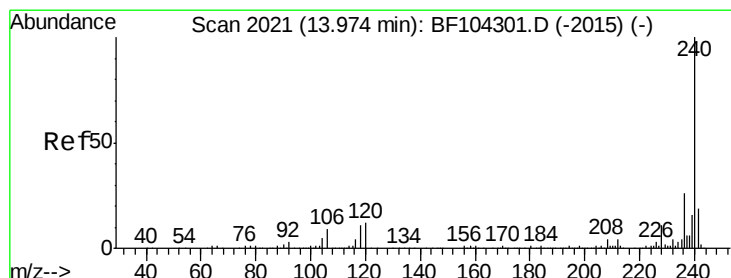
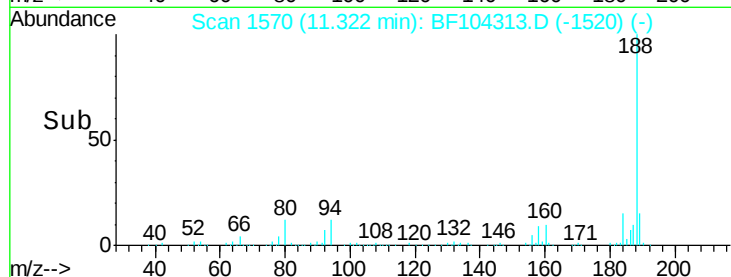
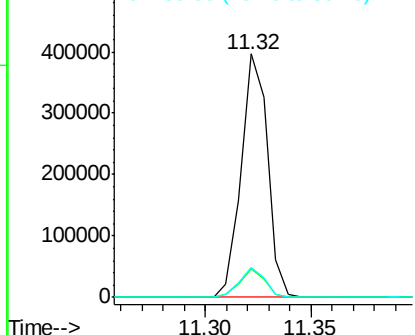
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104313.D
Acq: 6 Apr 2018 18:51

Instrument :
BNA_F
ClientSampleId :
HR-06-040418-A

Tot Ion:188 Resp: 342185
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.2 9.2 13.8

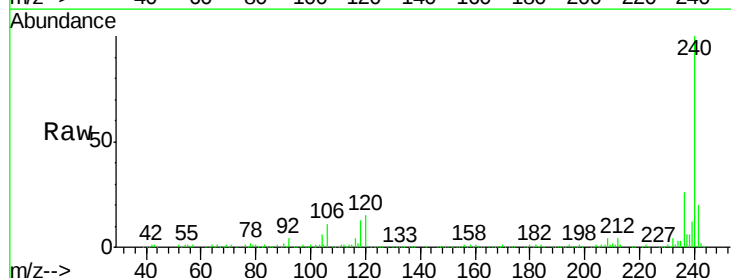


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

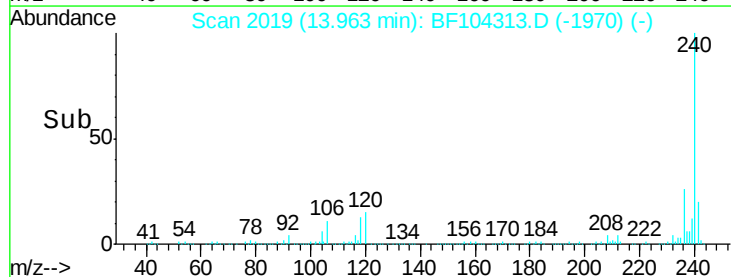
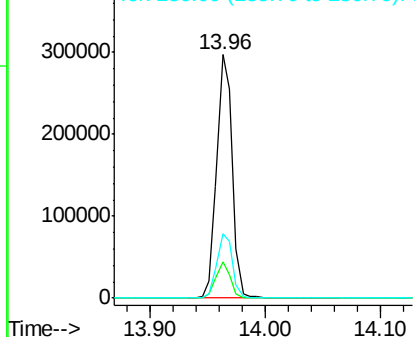


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104313.D
Acq: 6 Apr 2018 18:51

Tgt Ion:240 Resp: 277047
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 26.5 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: 14.171 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104313.D

Acq: 6 Apr 2018 18:51

Instrument :

BNA_F

ClientSampleId :

HR-06-040418-A

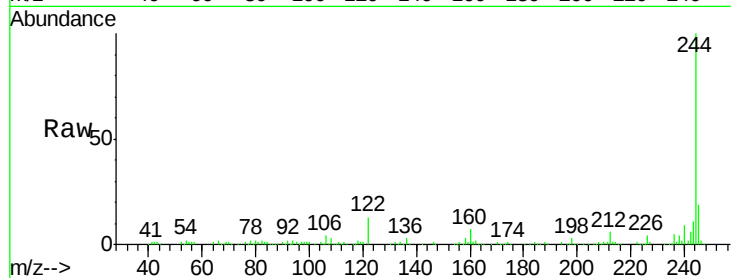
Tot Ion:244 Resp: 172211

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

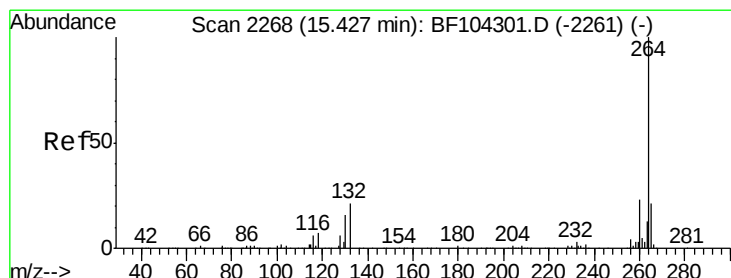
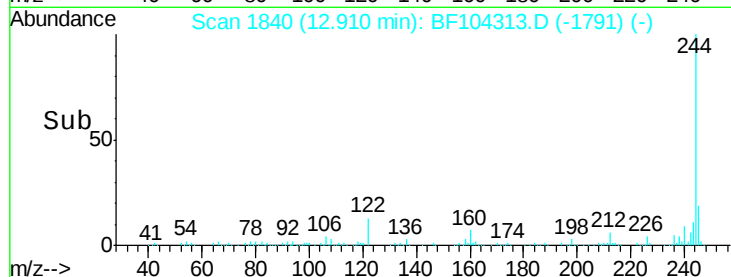
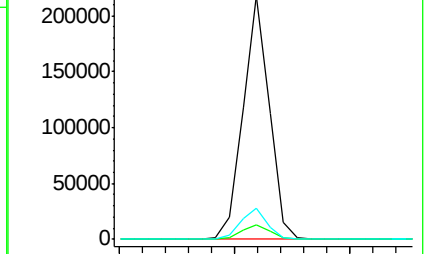
122 12.7 11.0 16.4



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF104313.D

Acq: 6 Apr 2018 18:51

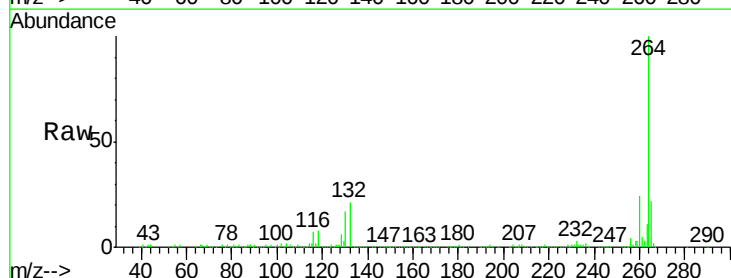
Tgt Ion:264 Resp: 305546

Ion Ratio Lower Upper

264 100

260 23.6 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

