

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104962.D
 Acq On : 1 May 2018 5:11
 Operator : JU/SJ
 Sample : J2617-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-U-M

Quant Time: May 01 07:44:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118304	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	477439	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206609	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	327883	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	235106	20.00	ng	-0.01
86) Perylene-d12	15.43	264	185061	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	276895	35.79	ng	0.00
7) Phenol-d6	6.42	99	206817	21.76	ng	-0.02
23) Nitrobenzene-d5	7.36	82	653683	89.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	151143	70.52	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1140124	87.17	ng	0.00
78) Terphenyl-d14	12.90	244	857995	83.20	ng	-0.01

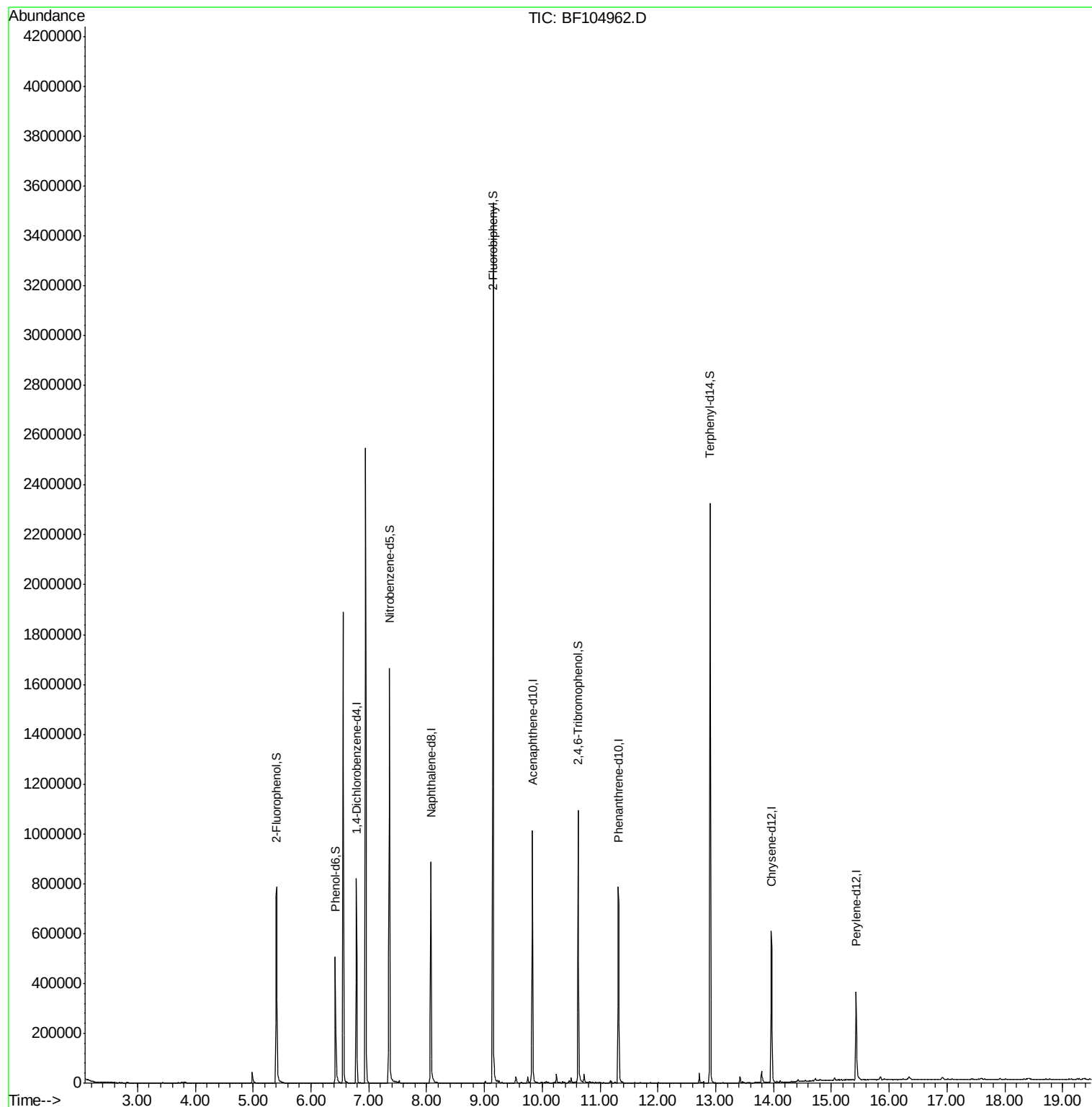
Target Compounds Qvalue

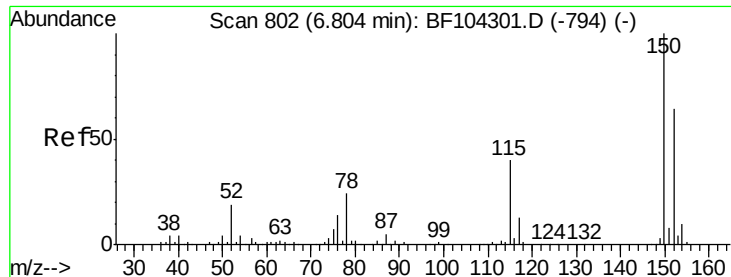
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Instrument :

BNA_F

ClientSampleId :

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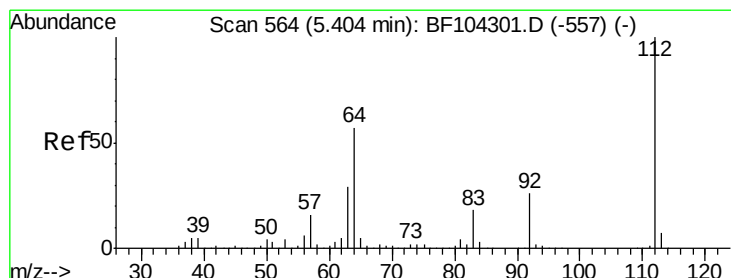
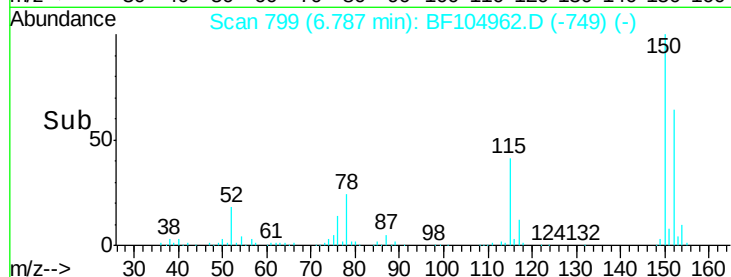
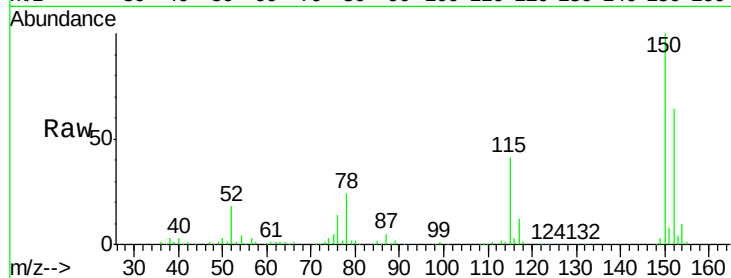
Tot Ion:152 Resp: 118304

Ion Ratio Lower Upper

152 100

150 156.0 124.6 186.8

115 63.9 50.1 75.1



#5

2-Fluorophenol

Concen: 35.788 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

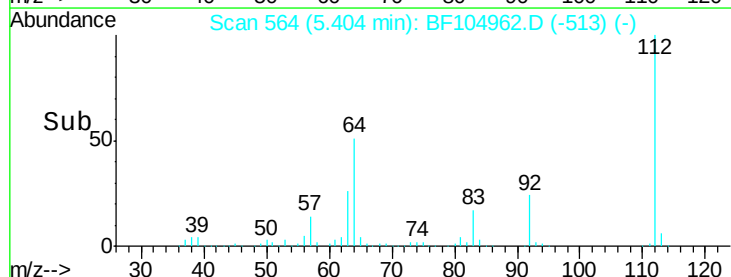
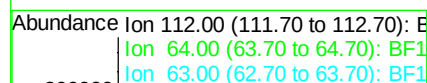
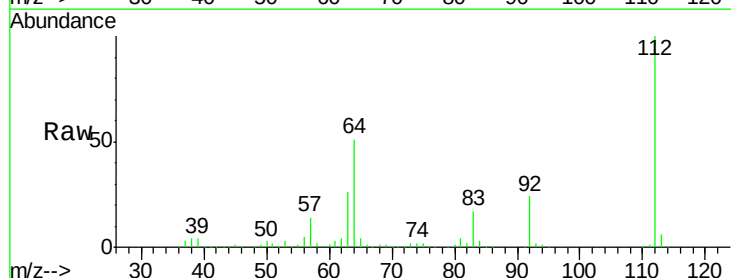
Tgt Ion:112 Resp: 276895

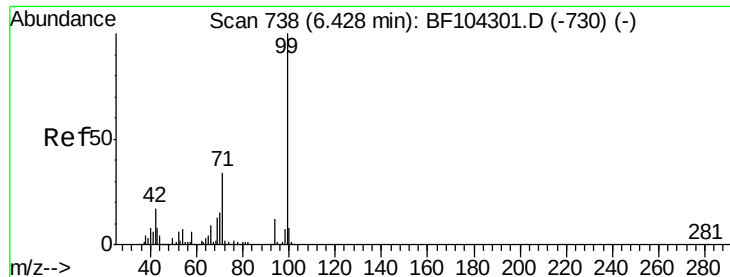
Ion Ratio Lower Upper

112 100

64 51.5 47.9 71.9

63 26.0 23.7 35.5





#7

Phenol-d6

Concen: 21.756 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Instrument :

BNA_F

ClientSampleId :

042618-DBRI-F-U-M

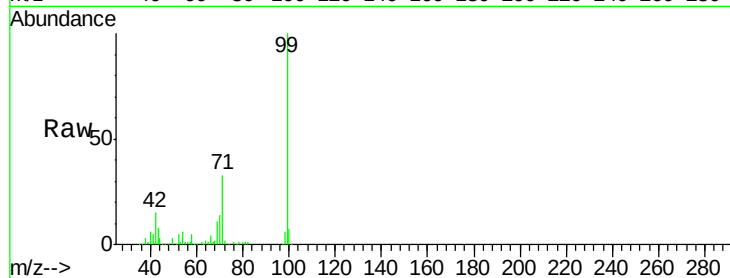
Tot Ion: 99 Resp: 206817

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

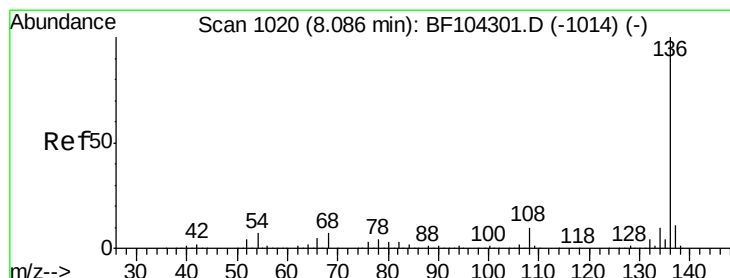
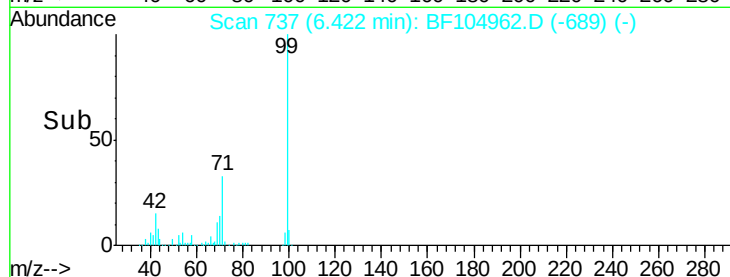
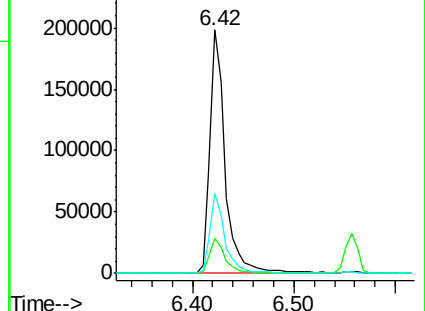
71 33.0 25.4 38.0



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. -0.01 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Tgt Ion: 136 Resp: 477439

Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.1 6.6 9.8#

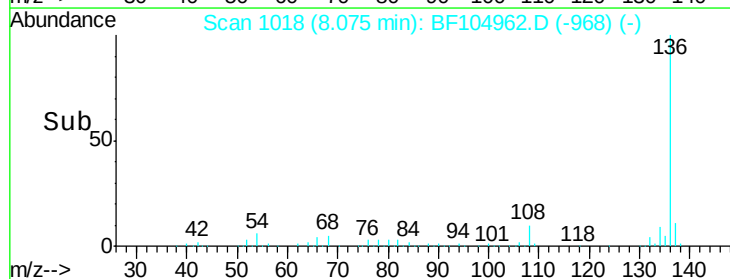
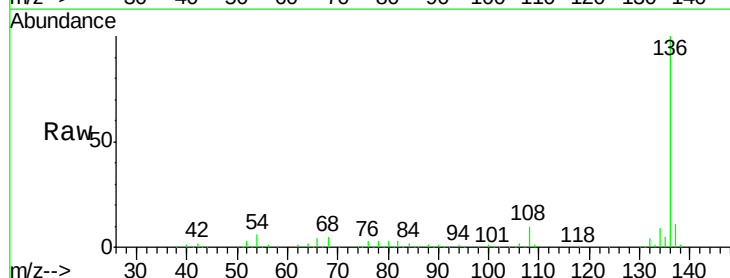
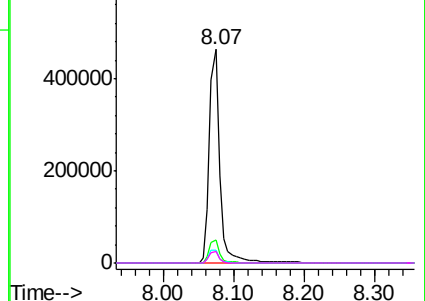
68 5.2 5.0 7.4

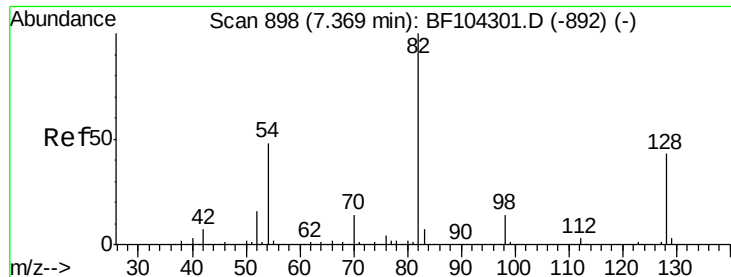
Abundance Ion 136.00 (135.70 to 136.70): E

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

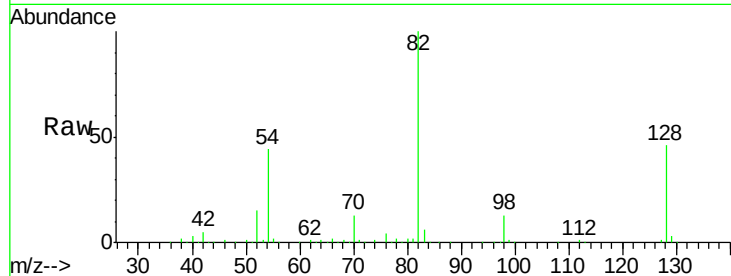




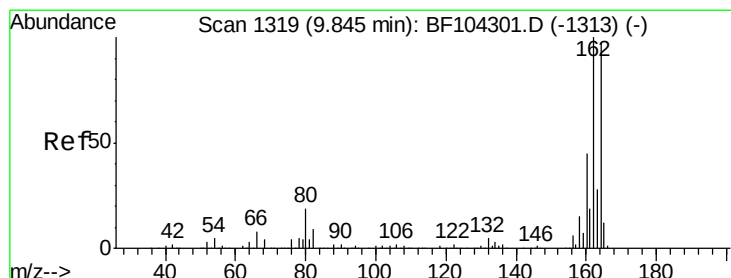
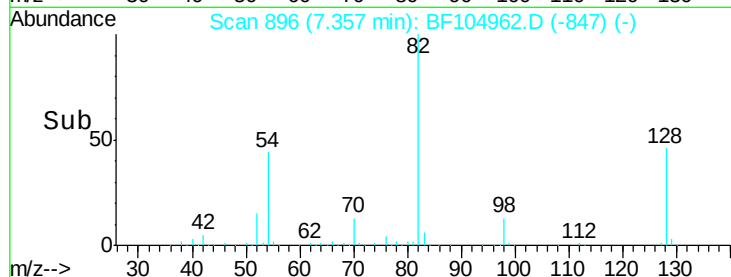
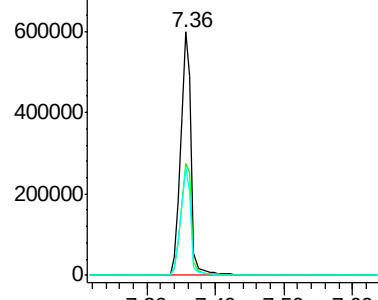
#23
 Nitrobenzene-d5
 Concen: 89.402 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104962.D
 Acq: 1 May 2018 5:11

Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-U-M

Tot Ion: 82 Resp: 653683
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 44.2 41.4 62.2

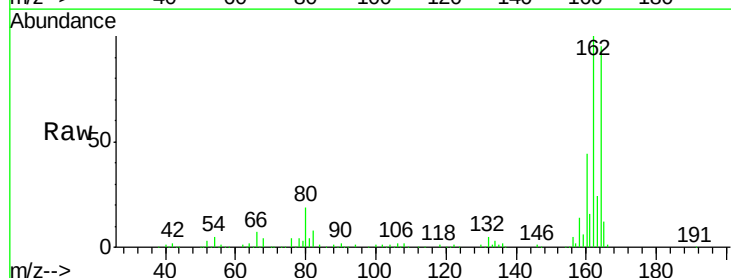


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

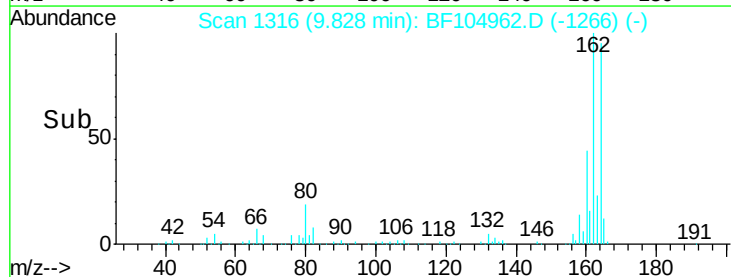
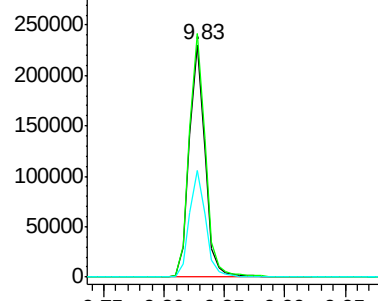


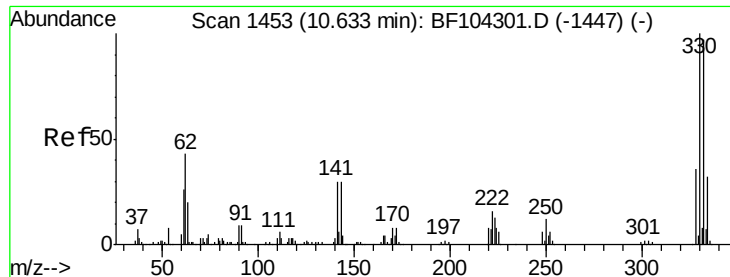
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104962.D
 Acq: 1 May 2018 5:11

Tgt Ion: 164 Resp: 206609
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 45.8 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: 70.522 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Instrument :

BNA_F

ClientSampleId :

042618-DBRI-F-U-M

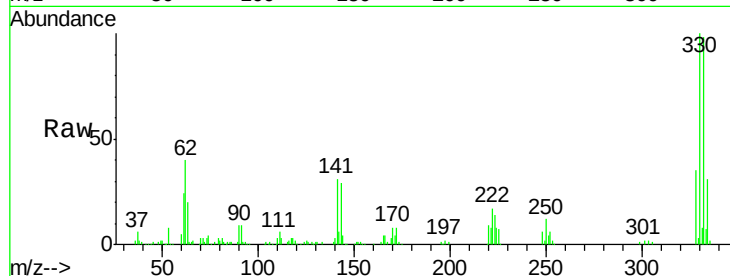
Tot Ion:330 Resp: 151143

Ion Ratio Lower Upper

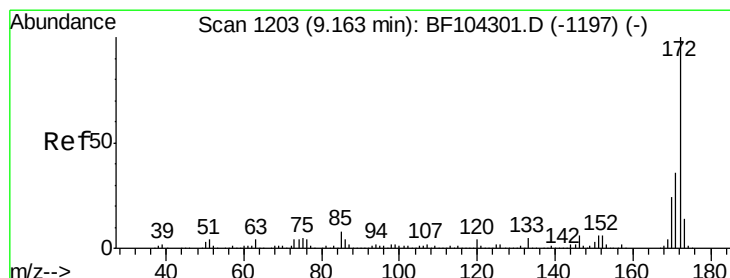
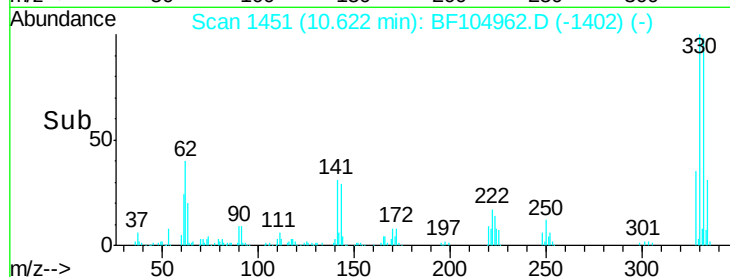
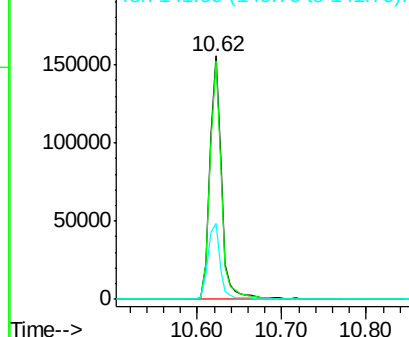
330 100

332 96.1 77.0 115.6

141 32.7 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: 87.175 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

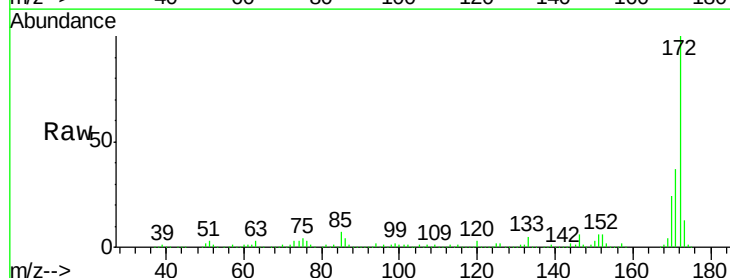
Tgt Ion:172 Resp: 1140124

Ion Ratio Lower Upper

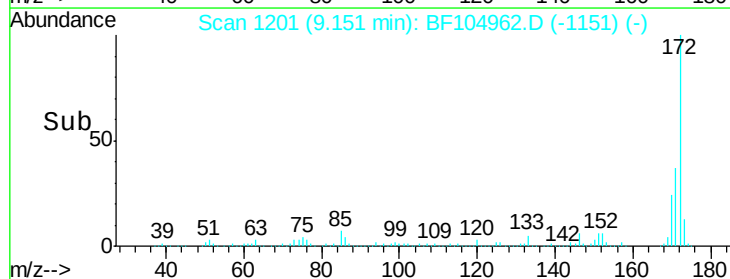
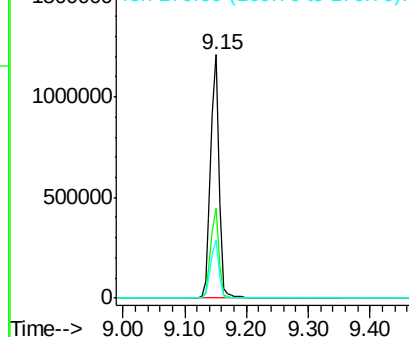
172 100

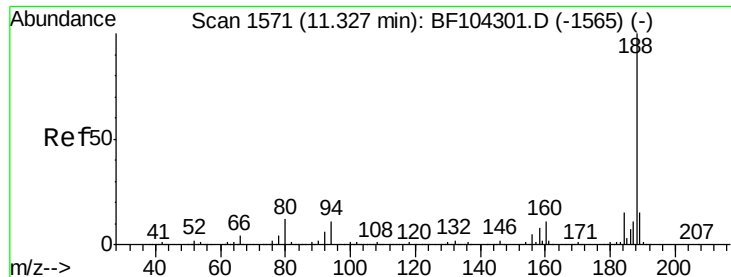
171 36.9 29.7 44.5

170 24.1 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

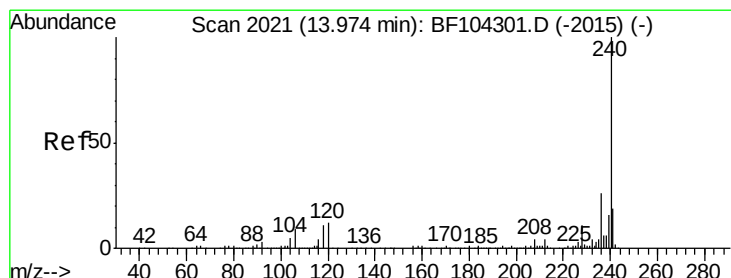
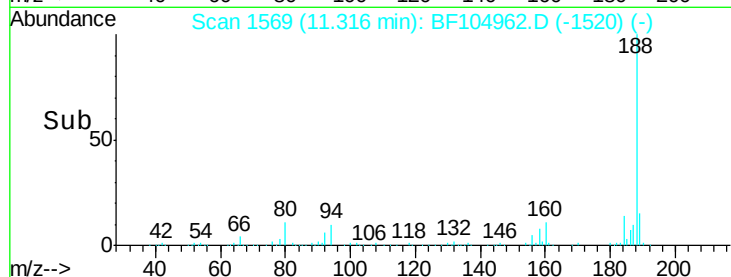
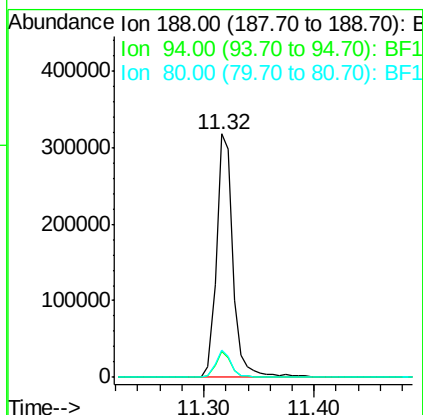
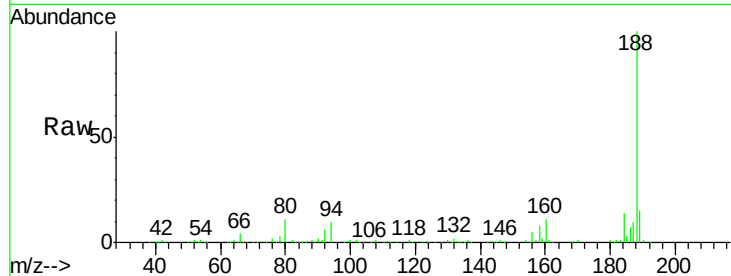




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

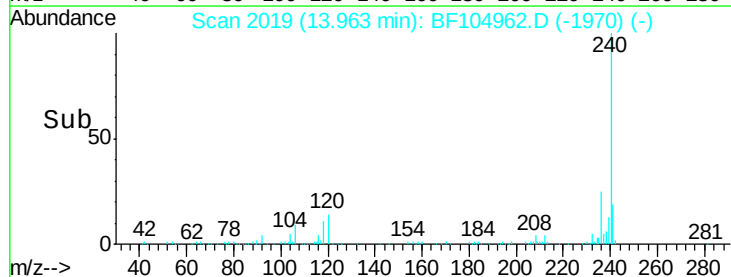
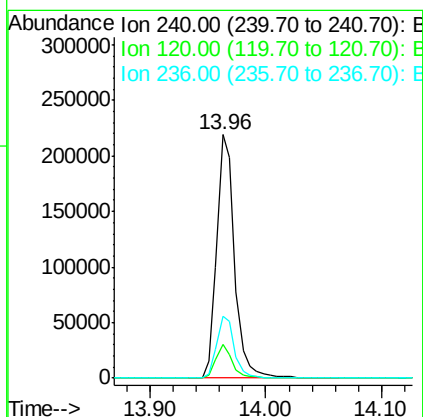
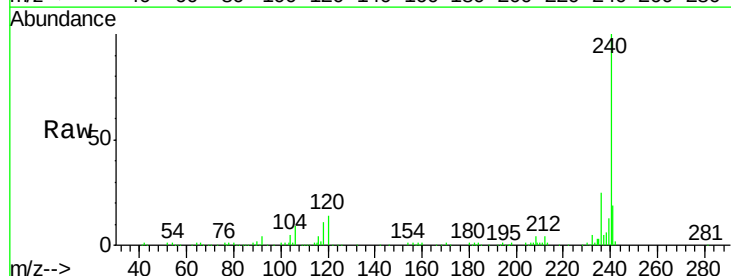
Instrument :
BNA_F
ClientSampleId :
042618-DBRI-F-U-M

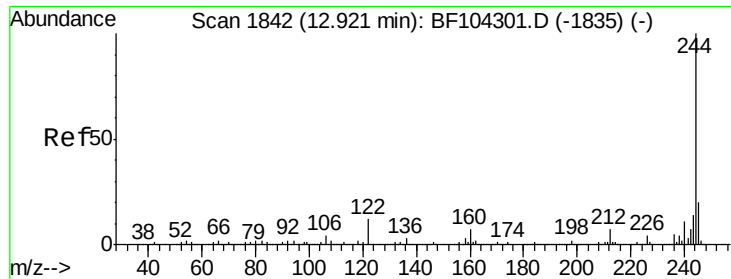
Tot Ion:188 Resp: 327883
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF104962.D
Acq: 1 May 2018 5:11

Tgt Ion:240 Resp: 235106
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 83.200 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

Instrument :

BNA_F

ClientSampleId :

042618-DBRI-F-U-M

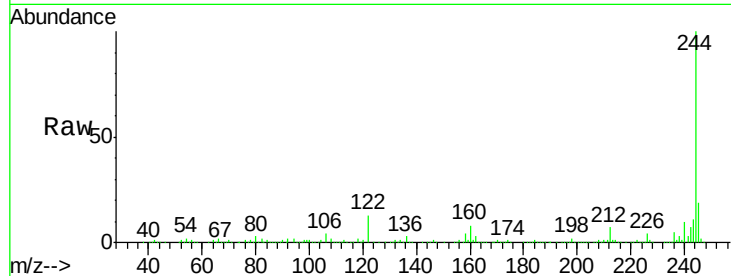
Tot Ion:244 Resp: 857995

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

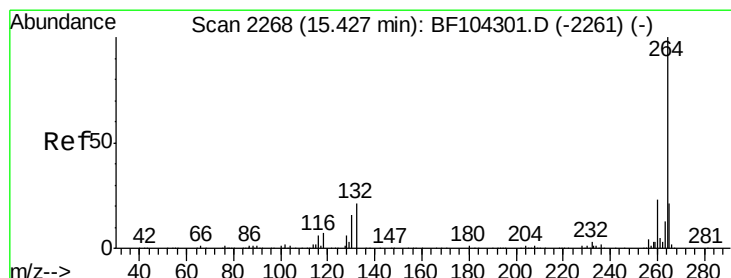
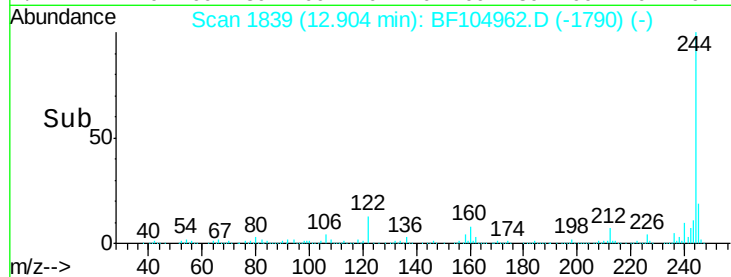
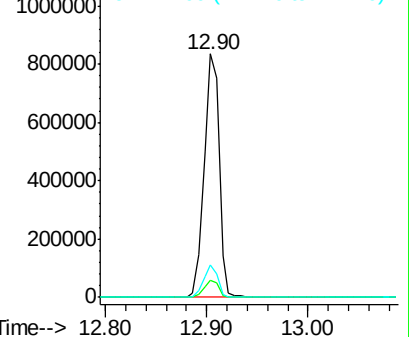
122 13.2 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF104962.D

Acq: 1 May 2018 5:11

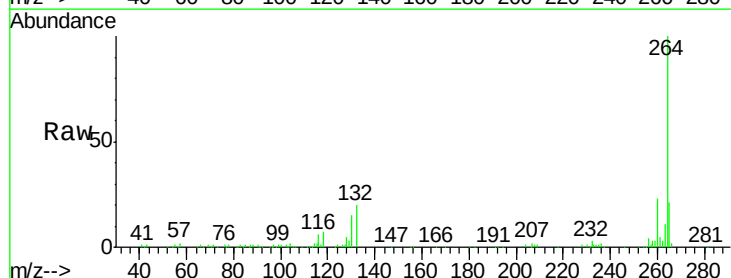
Tgt Ion:264 Resp: 185061

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 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

