

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104958.D
 Acq On : 1 May 2018 3:25
 Operator : JU/SJ
 Sample : J2617-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-D-B

Quant Time: May 01 07:27:45 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

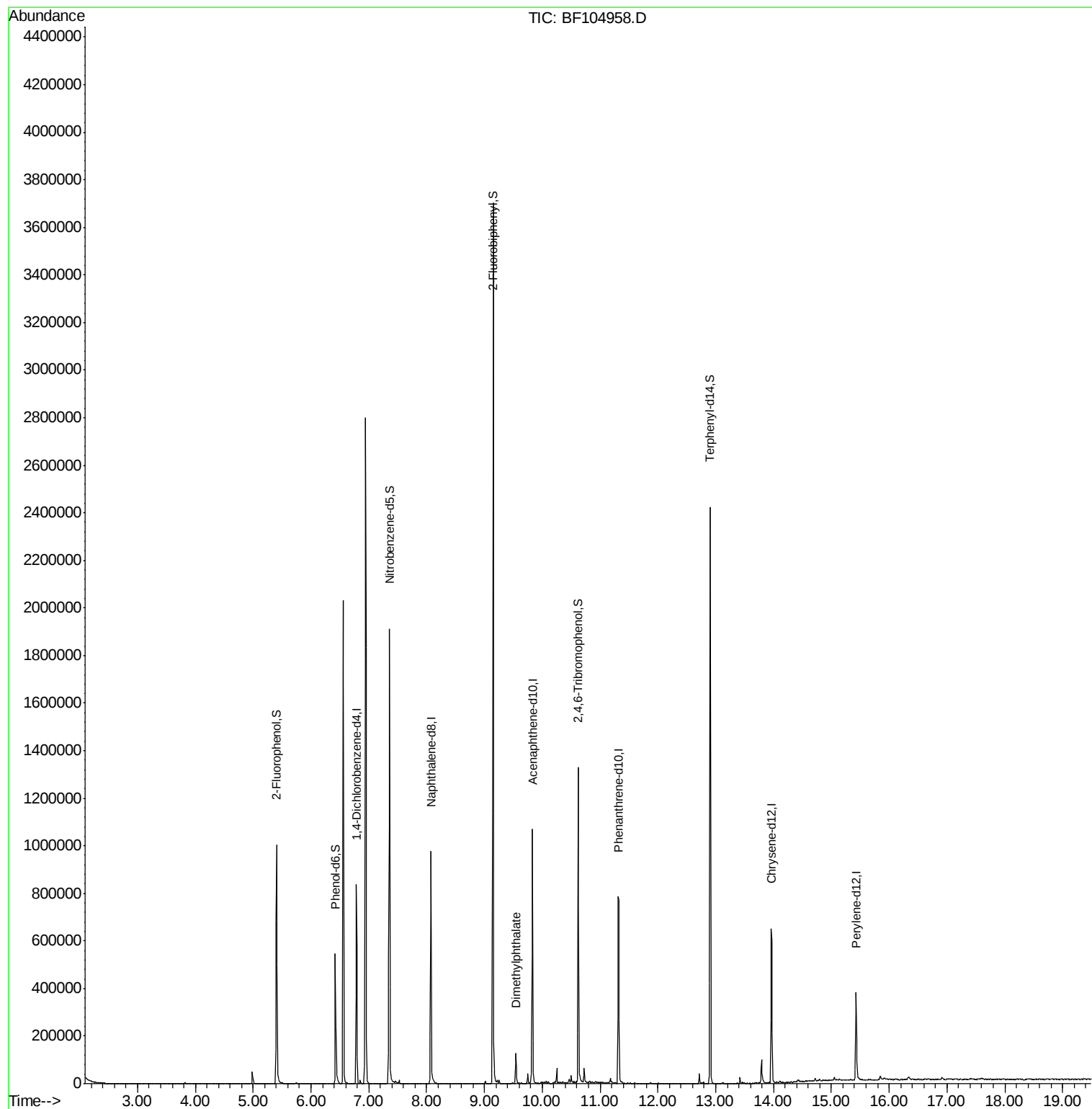
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121489	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	491381	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	209349	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	327078	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	242580	20.00	ng	-0.01
86) Perylene-d12	15.43	264	190880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	307526	38.71	ng	0.00
7) Phenol-d6	6.42	99	225141	23.06	ng	-0.02
23) Nitrobenzene-d5	7.36	82	753974	100.19	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	168773	77.72	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1271428	95.94	ng	0.00
78) Terphenyl-d14	12.91	244	911168	85.63	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	58080	3.518	ng	100

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

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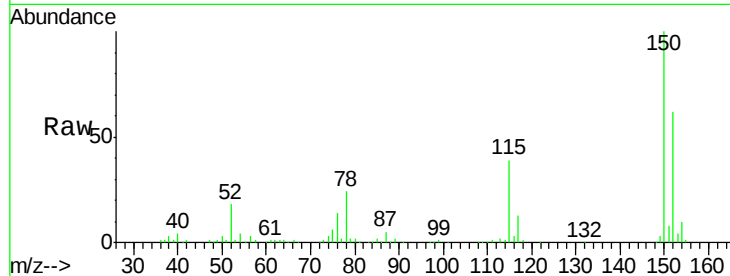


#1

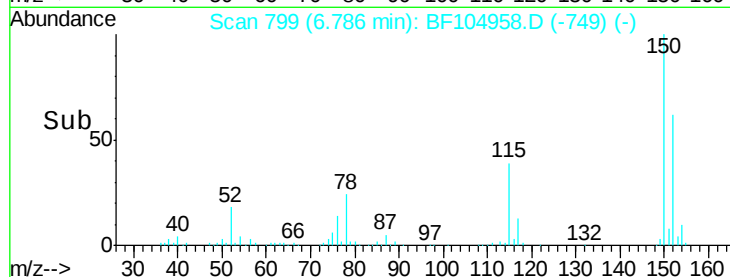
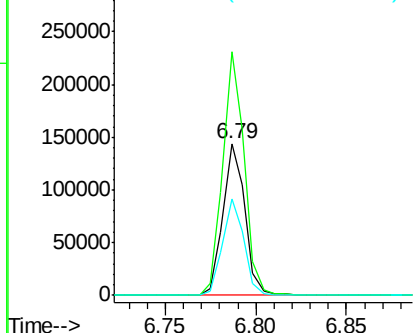
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF104958.D
 Acq: 1 May 2018 3:25

Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-D-B

Tot Ion:152 Resp: 121489
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 63.2 50.1 75.1



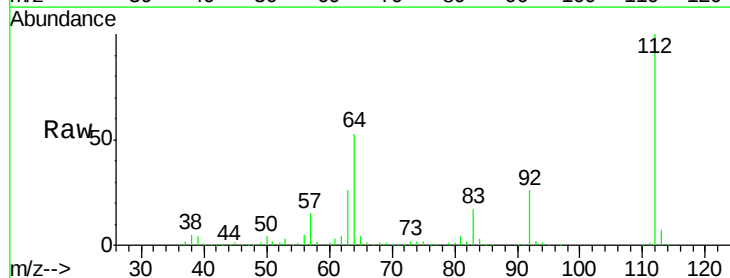
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



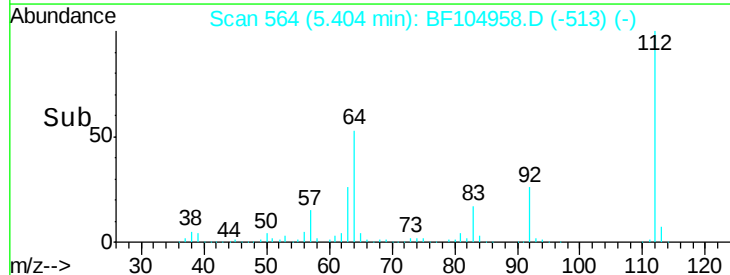
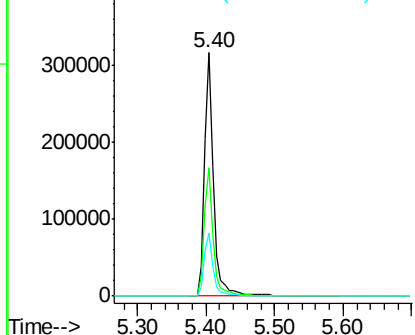
#5

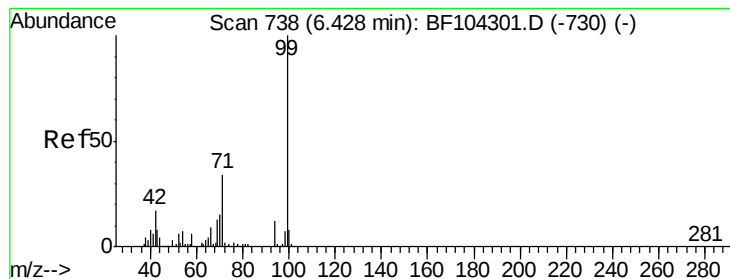
2-Fluorophenol
 Concen: 38.705 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF104958.D
 Acq: 1 May 2018 3:25

Tgt Ion:112 Resp: 307526
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 26.2 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: 23.062 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF104958.D

Acq: 1 May 2018 3:25

Instrument :

BNA_F

ClientSampleId :

042618-DBRI-F-D-B

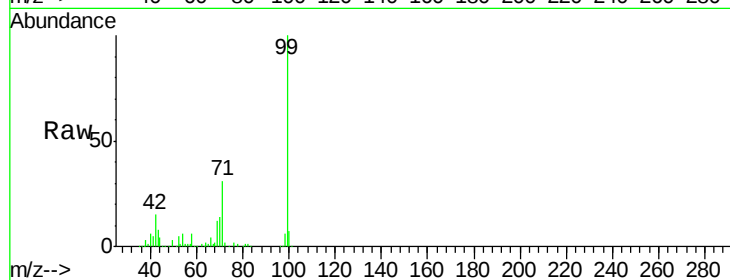
Tot Ion: 99 Resp: 225141

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

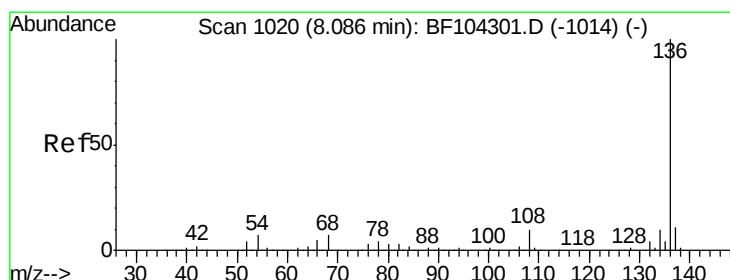
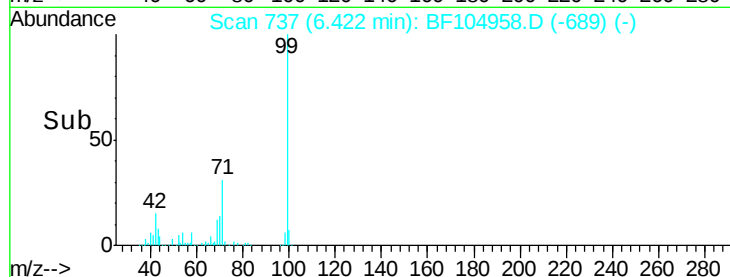
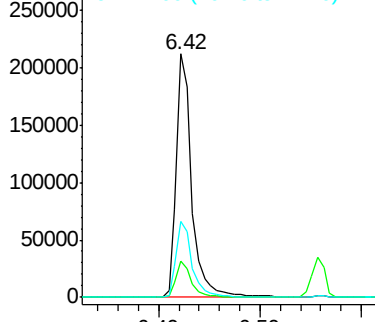
71 31.3 25.4 38.0



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: BF104958.D

Acq: 1 May 2018 3:25

Tgt Ion: 136 Resp: 491381

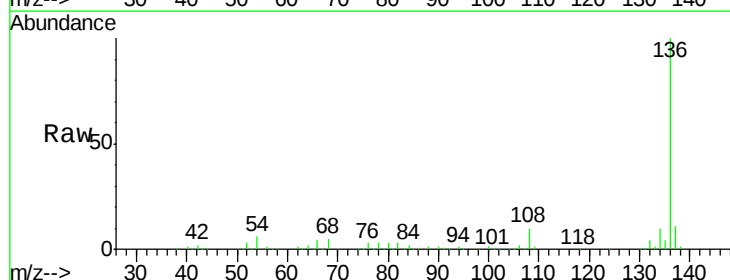
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4

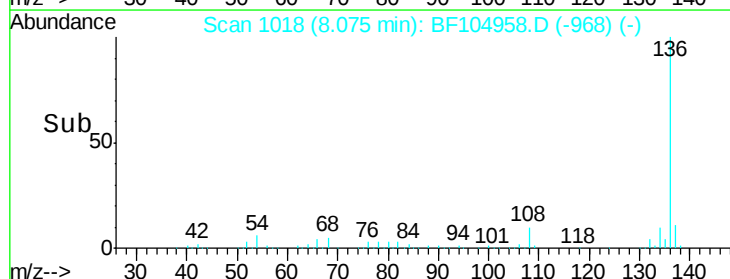
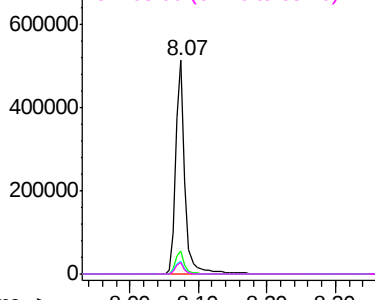


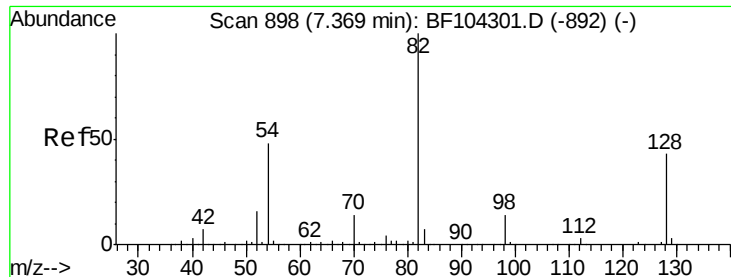
Abundance Ion 136.00 (135.70 to 136.70): E

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

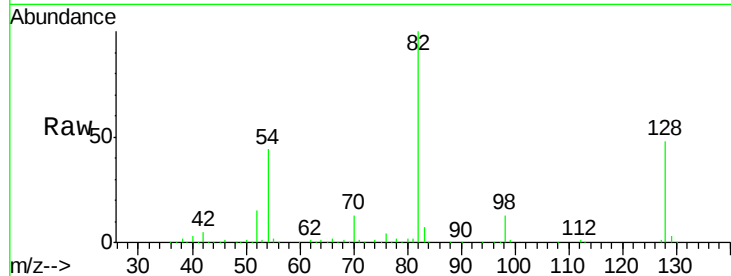




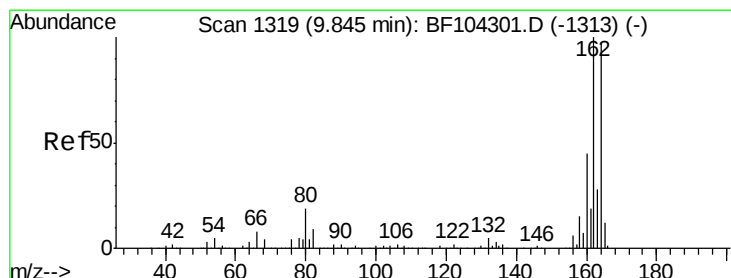
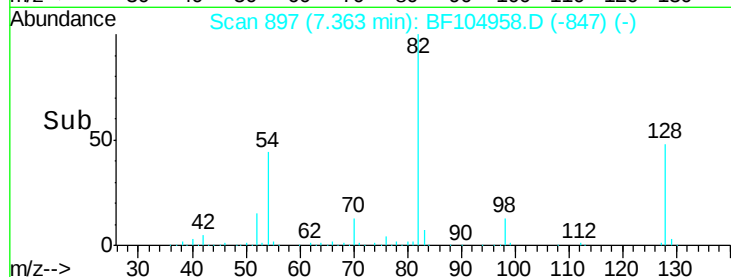
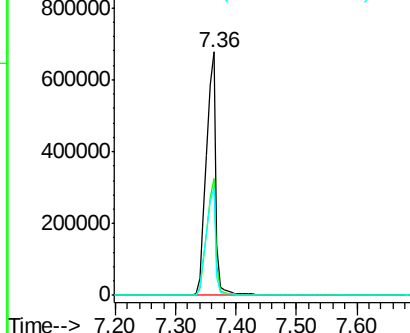
#23
 Nitrobenzene-d5
 Concen: 100.193 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104958.D
 Acq: 1 May 2018 3:25

Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-D-B

Tot Ion: 82 Resp: 753974
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 44.2 41.4 62.2

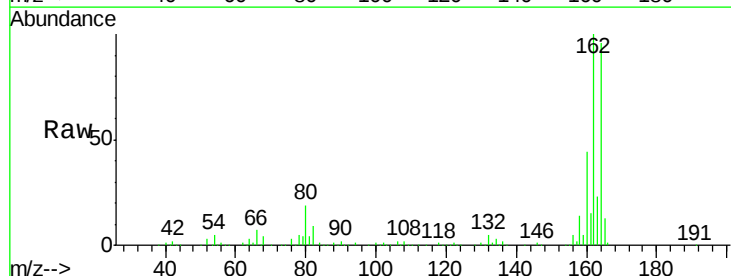


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

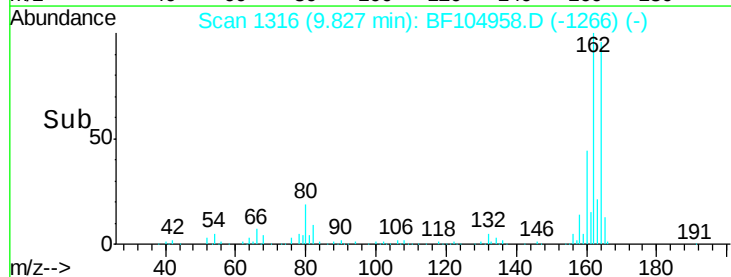
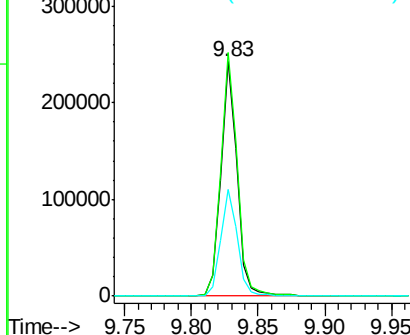


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104958.D
 Acq: 1 May 2018 3:25

Tgt Ion: 164 Resp: 209349
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 45.7 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

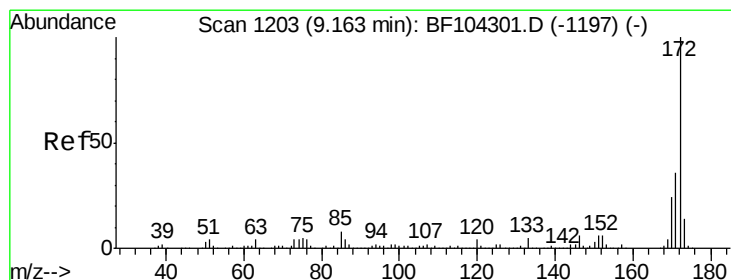
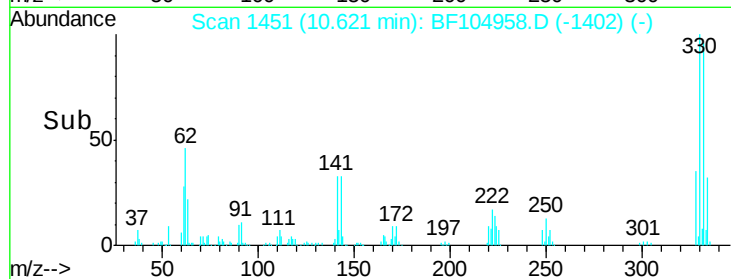
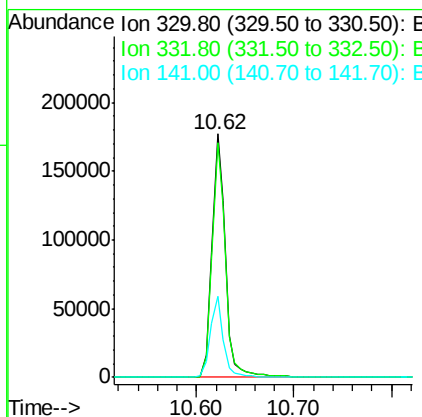
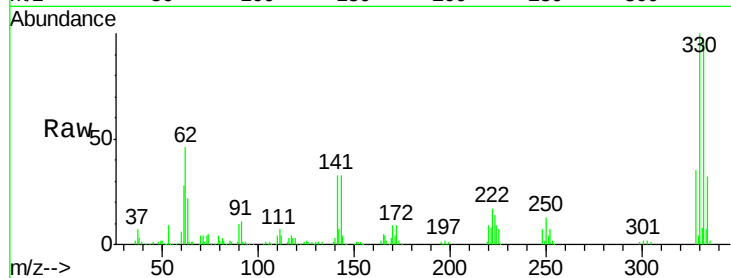




#41
 2,4,6-Tribromophenol
 Concen: 77.717 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF104958.D
 Acq: 1 May 2018 3:25

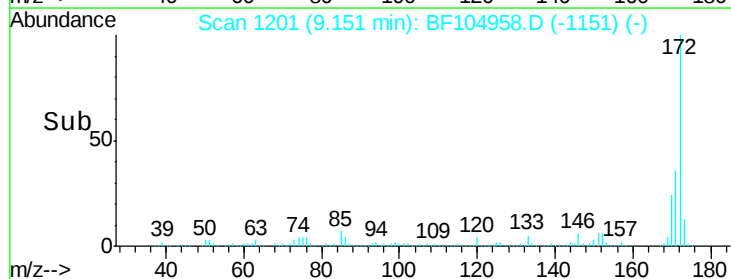
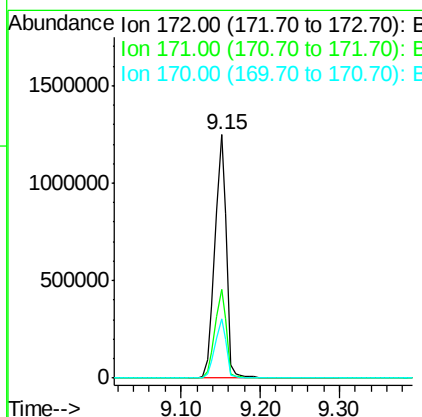
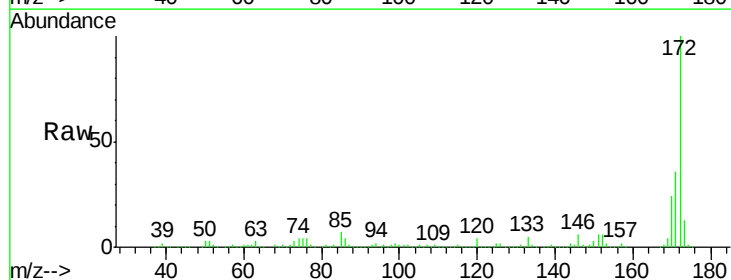
Instrument :
 BNA_F
 ClientSampleId :
 042618-DBRI-F-D-B

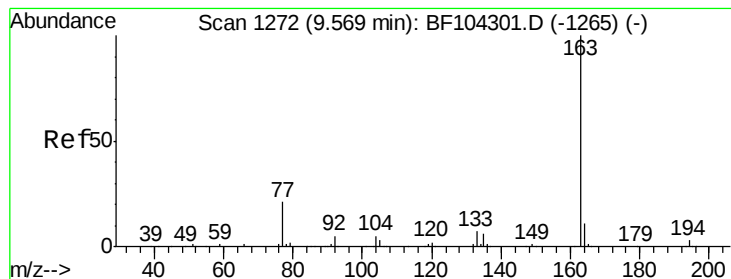
Tot Ion:330 Resp: 168773
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 95.942 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104958.D
 Acq: 1 May 2018 3:25

Tgt Ion:172 Resp: 1271428
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.3 19.6 29.4





#49

Dimethylphthalate

Concen: 3.518 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104958.D

Acq: 1 May 2018 3:25

Instrument :

BNA_F

ClientSampleId :

042618-DBRI-F-D-B

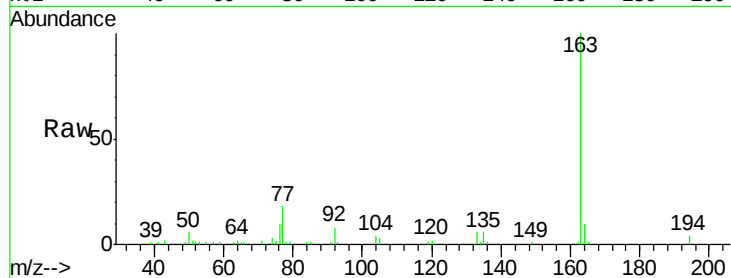
Tot Ion:163 Resp: 58080

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

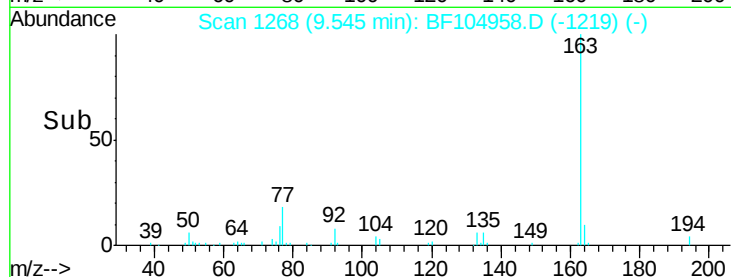
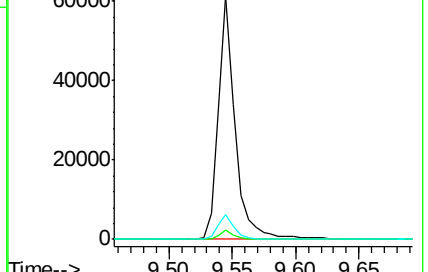
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF104958.D

Acq: 1 May 2018 3:25

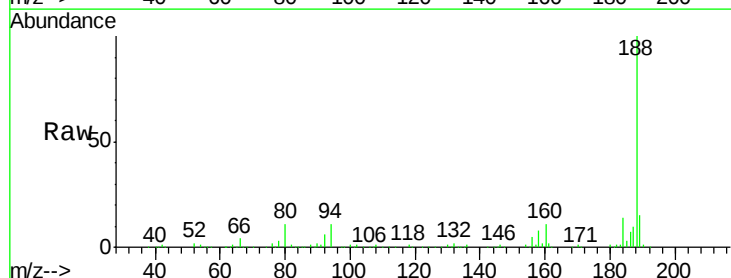
Tgt Ion:188 Resp: 327078

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

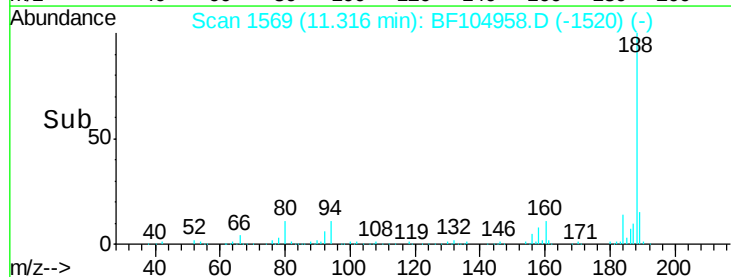
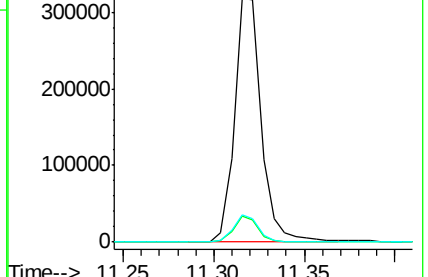
80 11.4 9.2 13.8

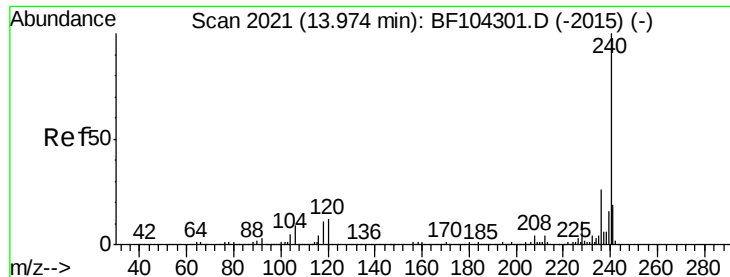


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF104958.D

Acq: 1 May 2018 3:25

Instrument :

BNA_F

ClientSampleId :

042618-DBRI-F-D-B

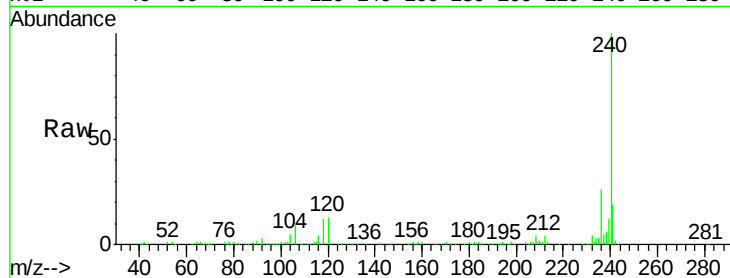
Tot Ion:240 Resp: 242580

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

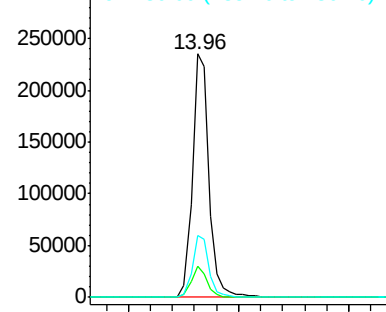
236 25.5 20.7 31.1



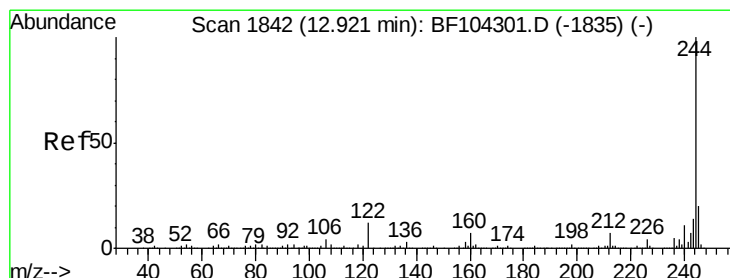
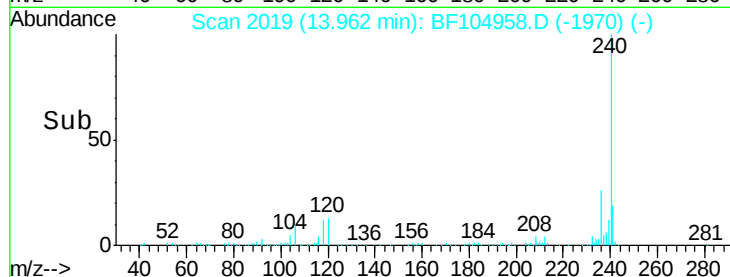
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 85.634 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF104958.D

Acq: 1 May 2018 3:25

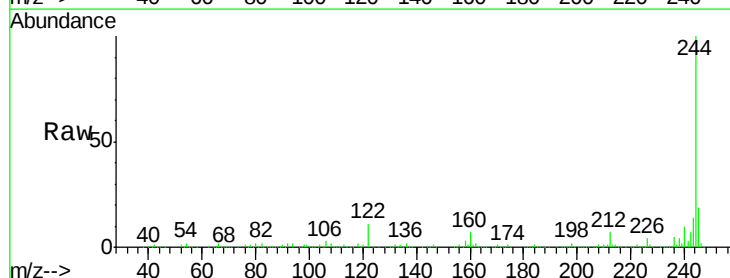
Tgt Ion:244 Resp: 911168

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

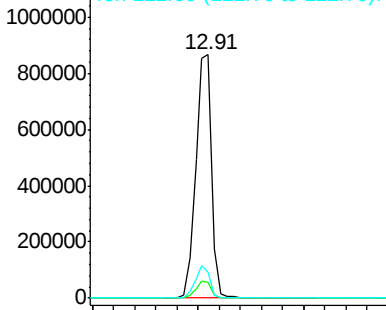
122 10.9 11.0 16.4#



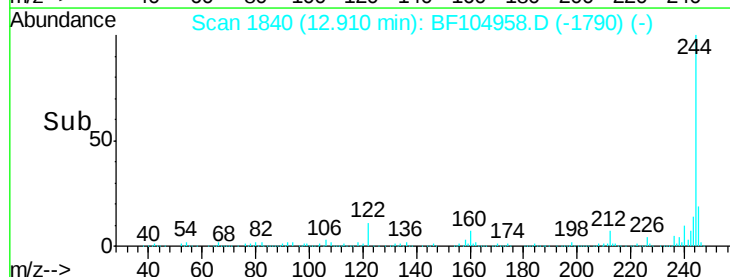
Abundance Ion 244.00 (243.70 to 244.70): E

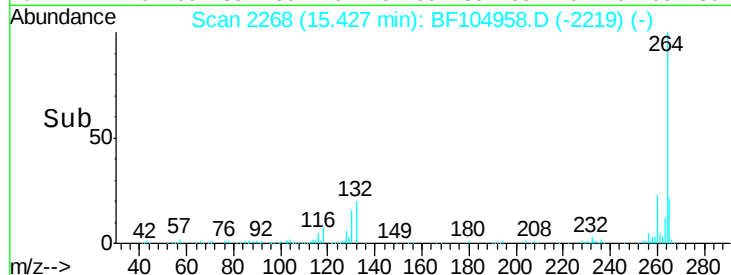
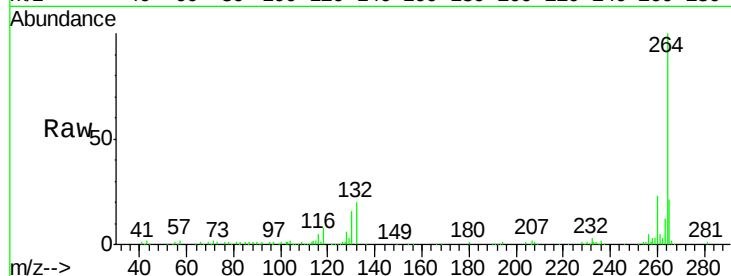
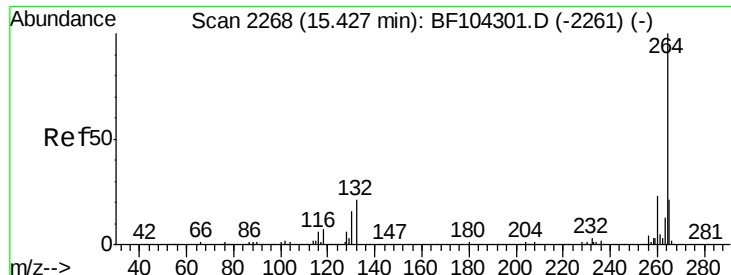
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF104958.D
Acq: 1 May 2018 3:25

Instrument :
BNA_F
ClientSampleId :
042618-DBRI-F-D-B

Tot Ion:	264	Resp:	190880
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

