

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101752.D
 Acq On : 27 Dec 2017 9:36
 Operator : SJ/JU
 Sample : I7010-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 122017-DBRI-F-U-M

Quant Time: Dec 27 10:31:12 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136072	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	510177	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	188726	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	304292	20.00	ng	0.00
75) Chrysene-d12	13.97	240	302311	20.00	ng	0.00
86) Perylene-d12	15.44	264	255253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	315515	34.54	ng	0.01
7) Phenol-d6	6.45	99	228472	20.10	ng	0.01
23) Nitrobenzene-d5	7.36	82	781815	85.30	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	142620	78.43	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1212716	99.68	ng	0.00
78) Terphenyl-d14	12.90	244	901377	71.88	ng	0.00

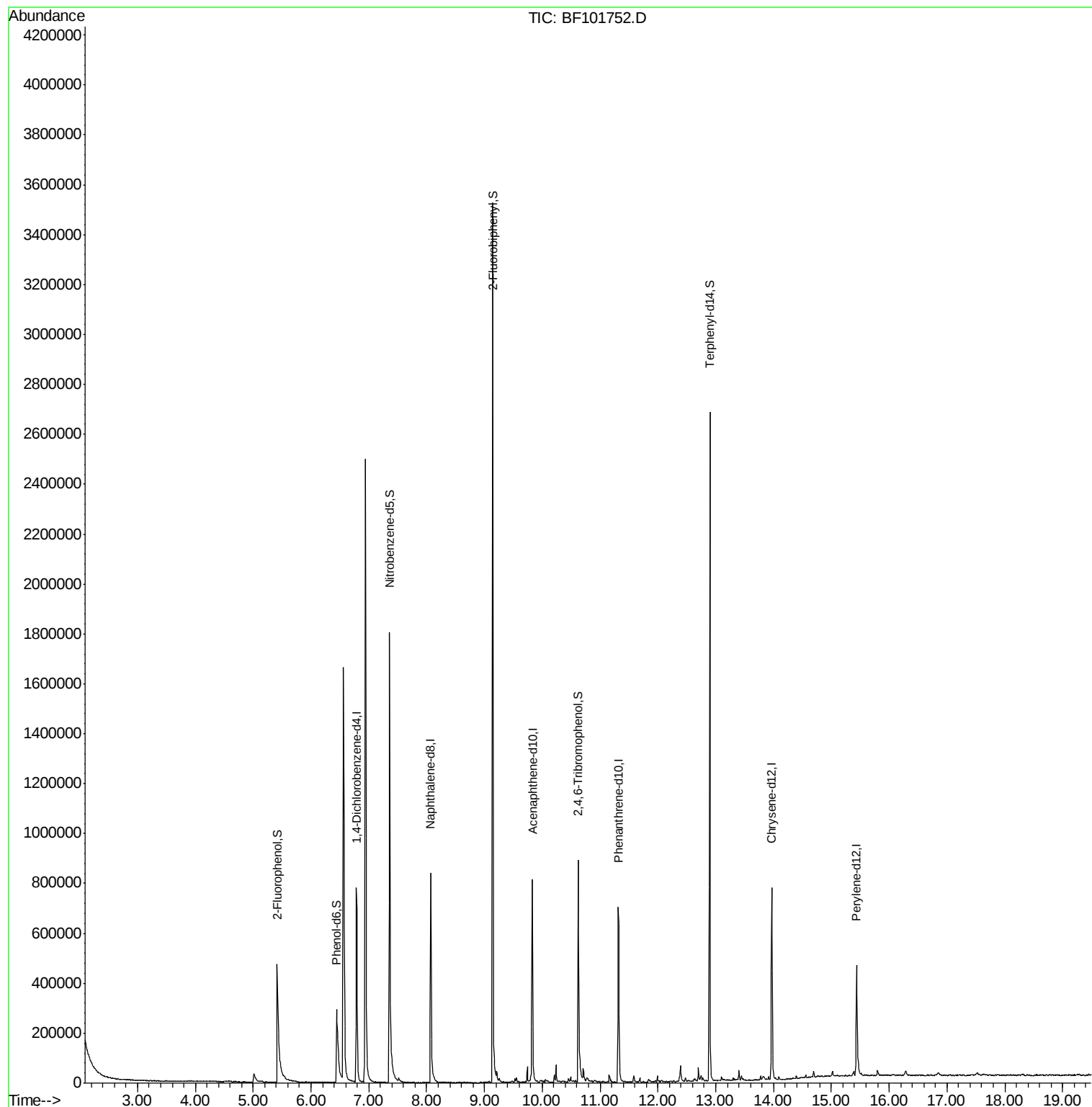
Target Compounds	Qvalue
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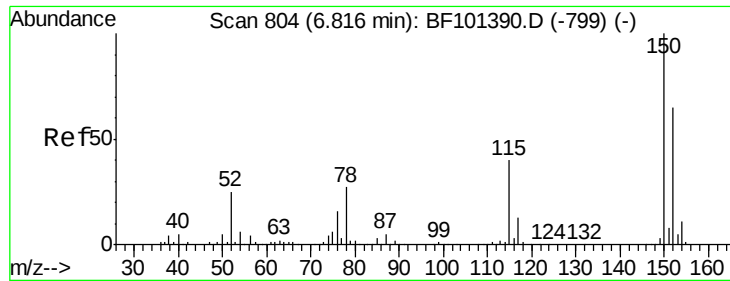
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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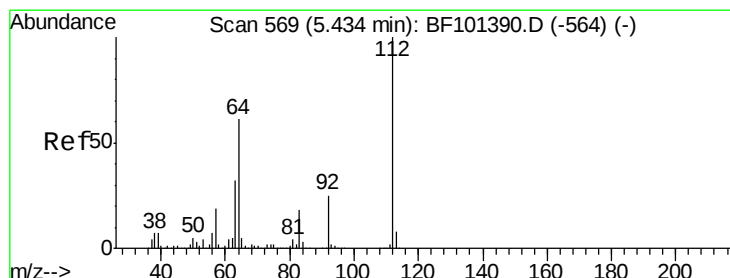
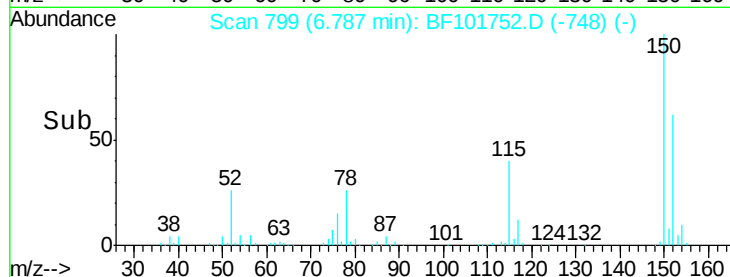
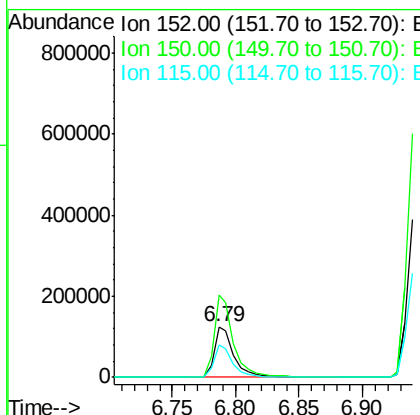
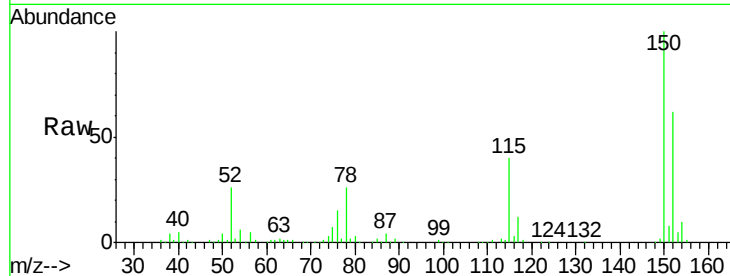




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101752.D
 Acq: 27 Dec 2017 9:36

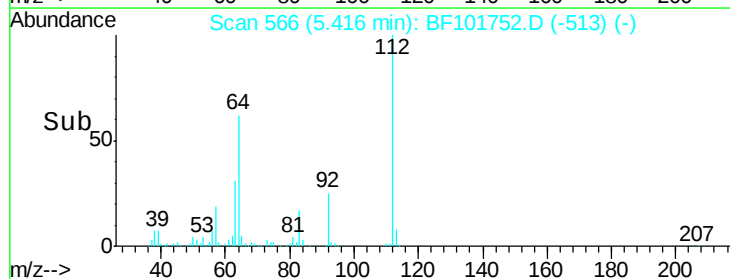
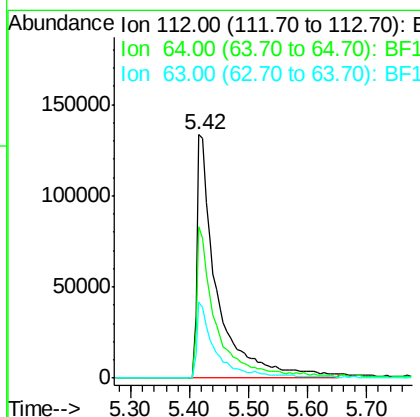
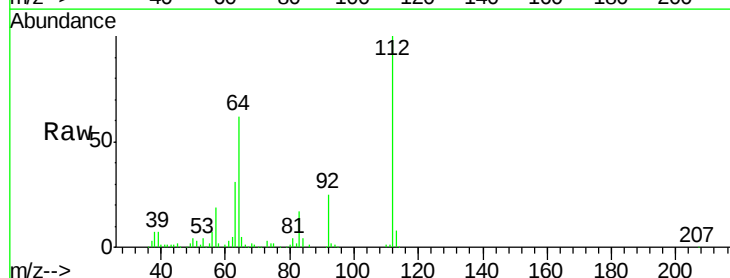
Instrument :
 BNA_F
 ClientSampleId :
 122017-DBRI-F-U-M

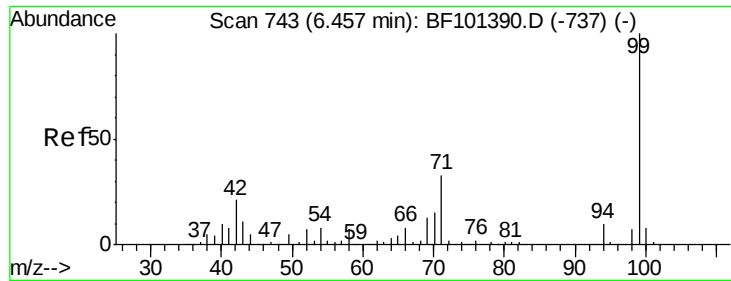
Tgt Ion:152 Resp: 136072
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.6 186.8
 115 63.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 34.539 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101752.D
 Acq: 27 Dec 2017 9:36

Tgt Ion:112 Resp: 315515
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.9 71.9
 63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 20.096 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

Instrument :

BNA_F

ClientSampleId :

122017-DBRI-F-U-M

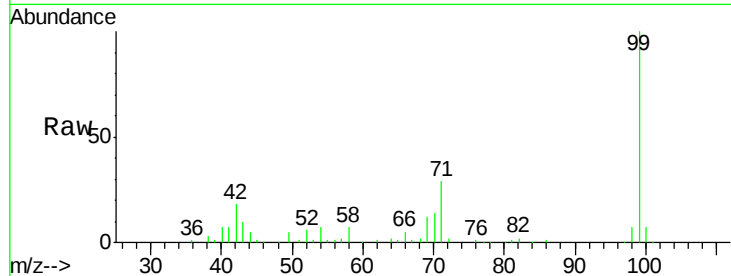
Tgt Ion: 99 Resp: 228472

Ion Ratio Lower Upper

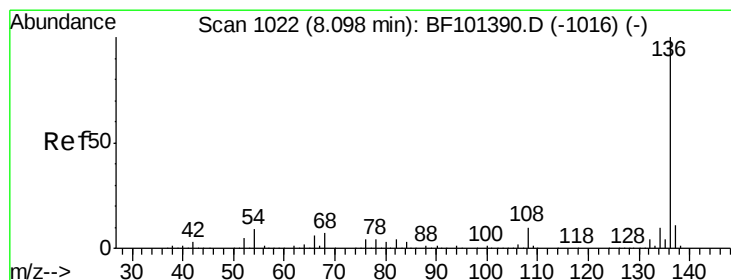
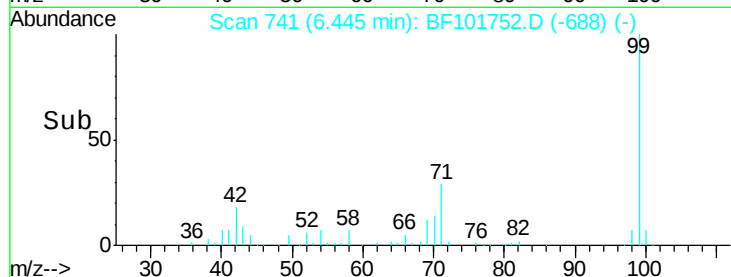
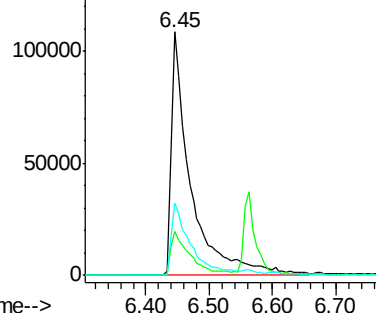
99 100

42 18.0 14.5 21.7

71 29.4 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. -0.00 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

Tgt Ion: 136 Resp: 510177

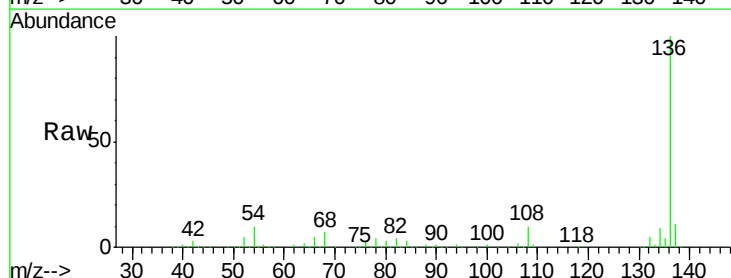
Ion Ratio Lower Upper

136 100

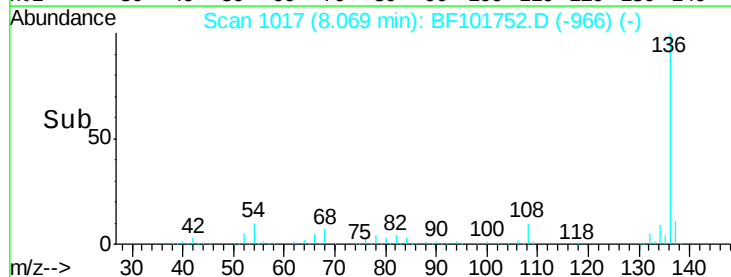
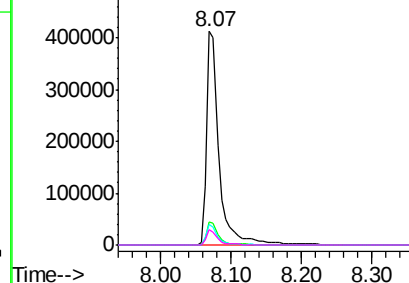
137 10.9 8.9 13.3

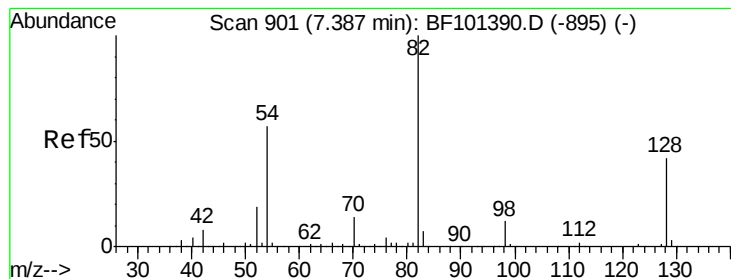
54 9.6 6.6 9.8

68 7.1 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: 85.304 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

Instrument :

BNA_F

ClientSampleId :

122017-DBRI-F-U-M

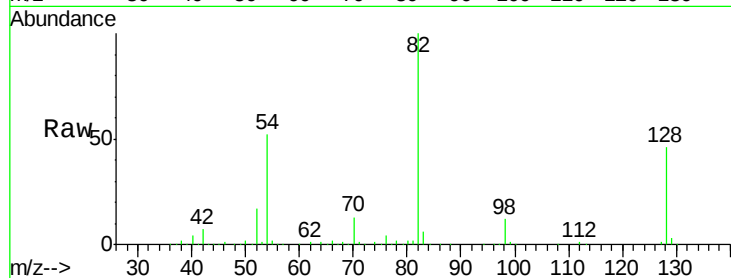
Tgt Ion: 82 Resp: 781815

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

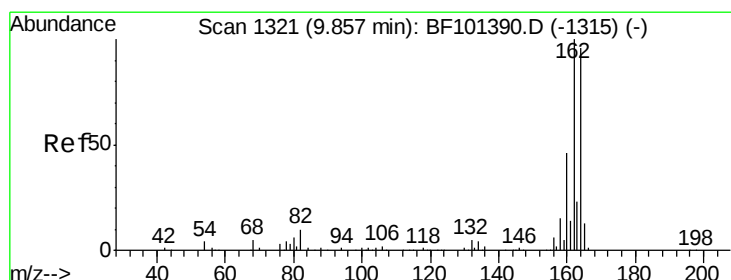
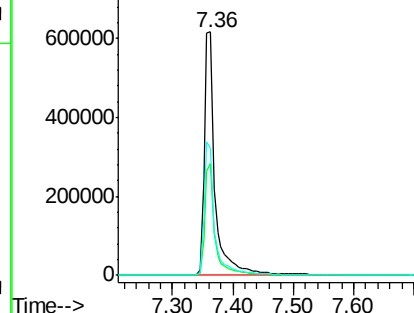
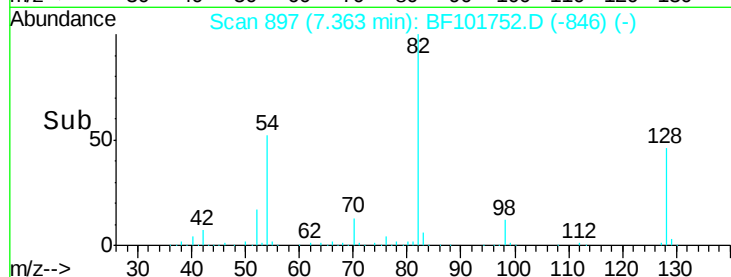
54 52.3 41.4 62.2



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

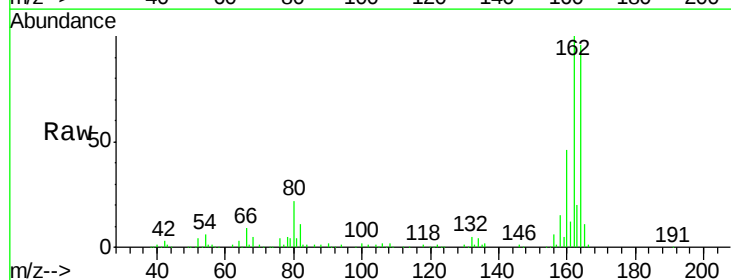
Tgt Ion: 164 Resp: 188726

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

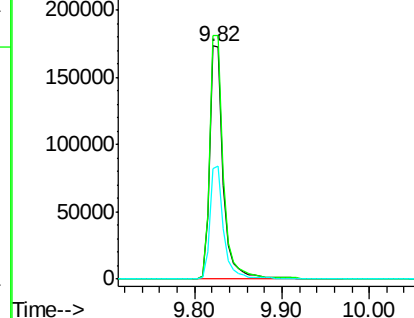
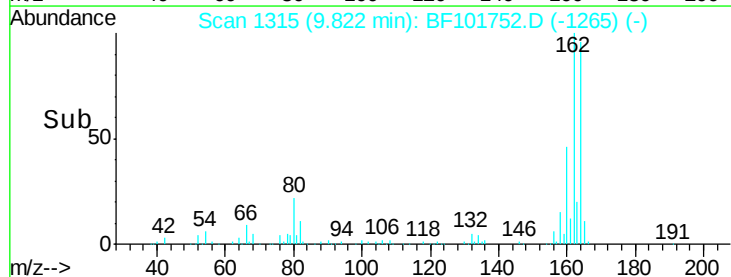
160 47.4 38.3 57.5

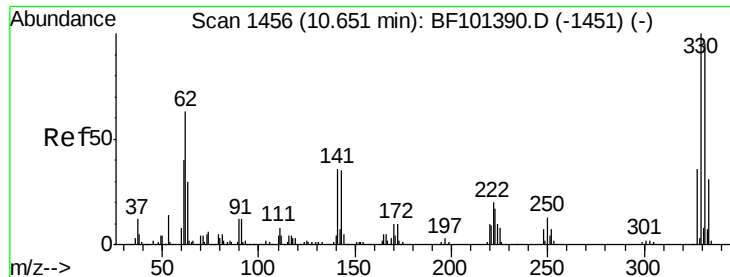


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

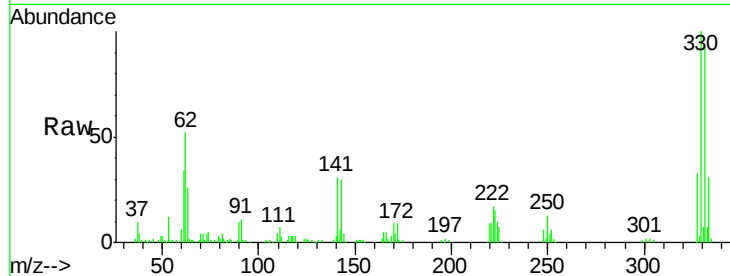




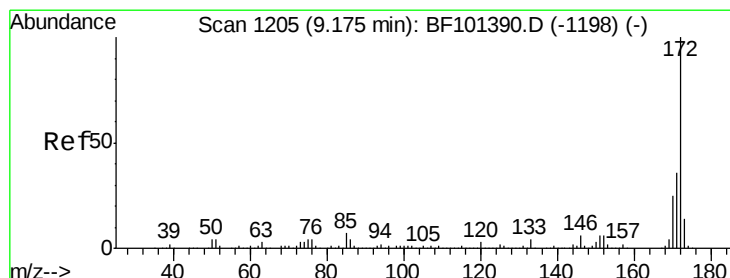
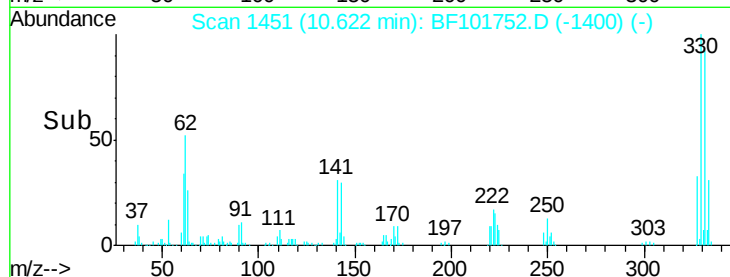
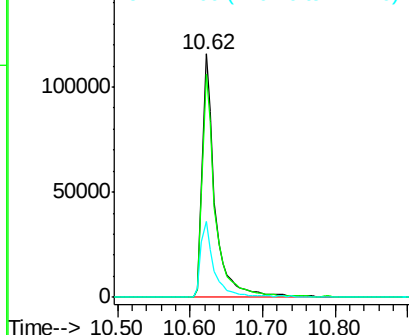
#41
 2,4,6-Tribromophenol
 Concen: 78.426 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101752.D
 Acq: 27 Dec 2017 9:36

Instrument :
 BNA_F
 ClientSampleId :
 122017-DBRI-F-U-M

Tgt Ion:330 Resp: 142620
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 32.5 29.9 44.9

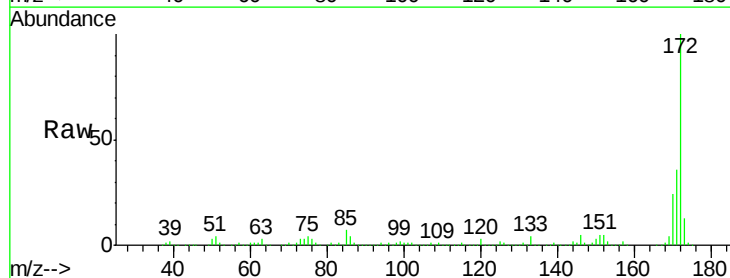


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

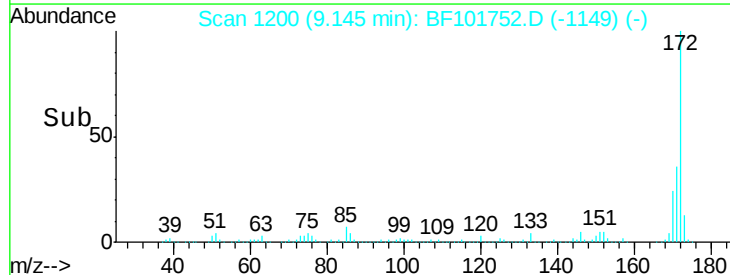
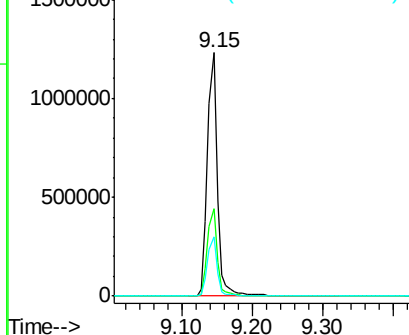


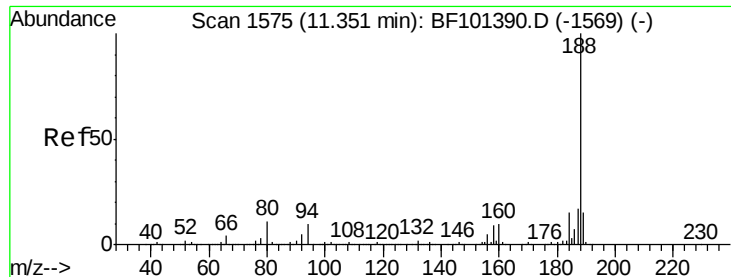
#44
 2-Fluorobiphenyl
 Concen: 99.680 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101752.D
 Acq: 27 Dec 2017 9:36

Tgt Ion:172 Resp: 1212716
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.3 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

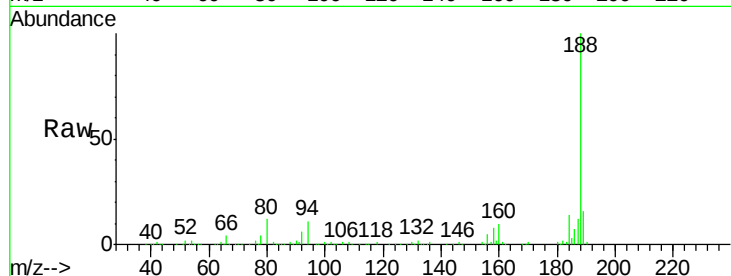




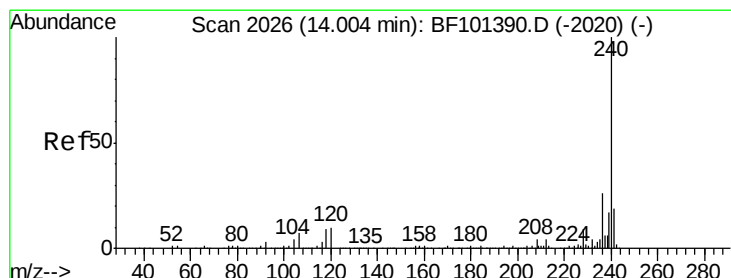
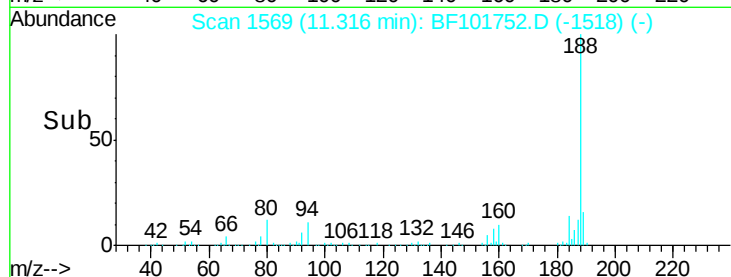
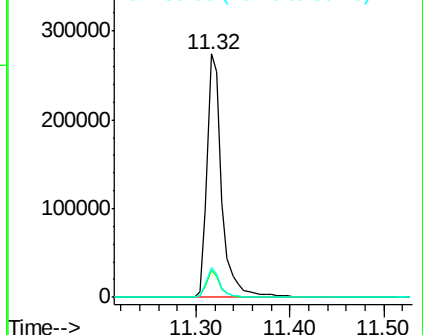
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

Instrument :
BNA_F
ClientSampleId :
122017-DBRI-F-U-M

Tgt Ion:188 Resp: 304292
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.4 9.2 13.8

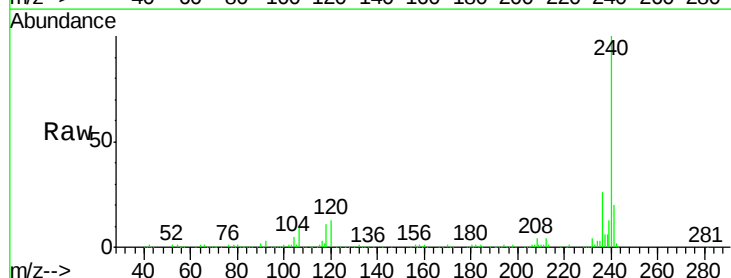


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

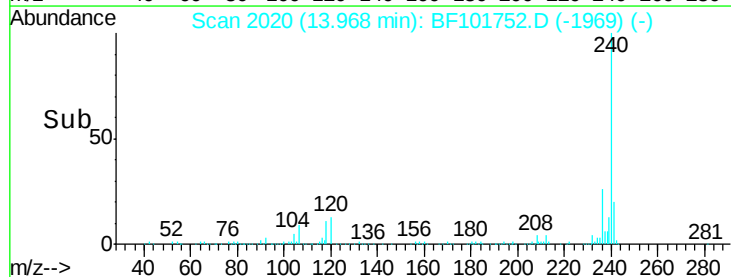
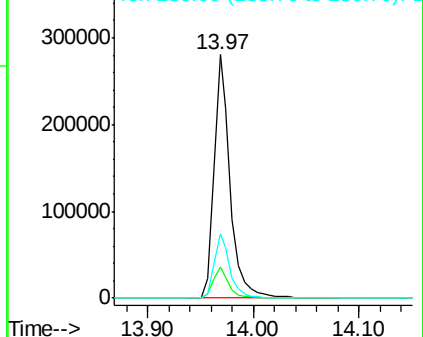


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101752.D
Acq: 27 Dec 2017 9:36

Tgt Ion:240 Resp: 302311
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 26.3 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: 71.880 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

Instrument :

BNA_F

ClientSampleId :

122017-DBRI-F-U-M

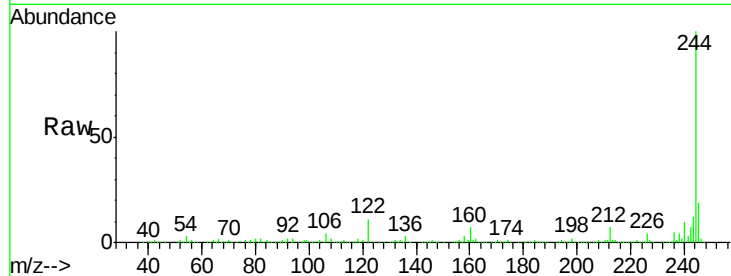
Tgt Ion:244 Resp: 901377

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

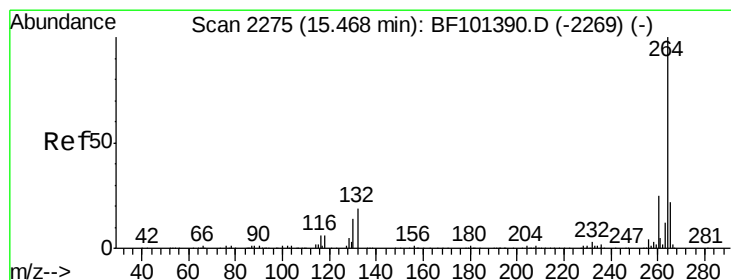
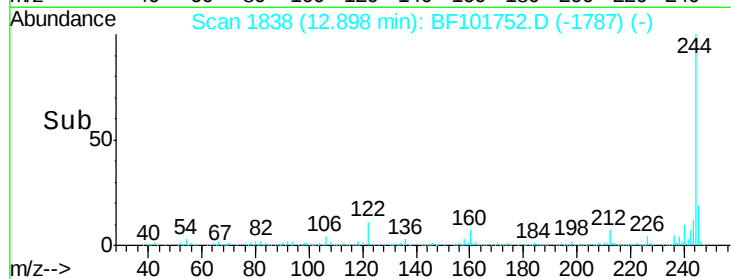
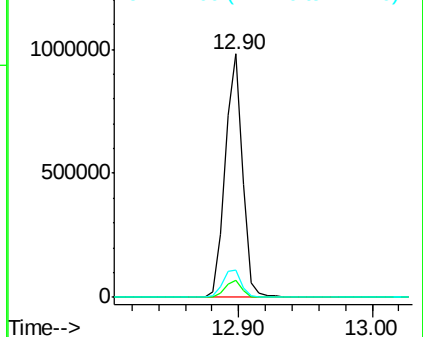
122 11.3 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101752.D

Acq: 27 Dec 2017 9:36

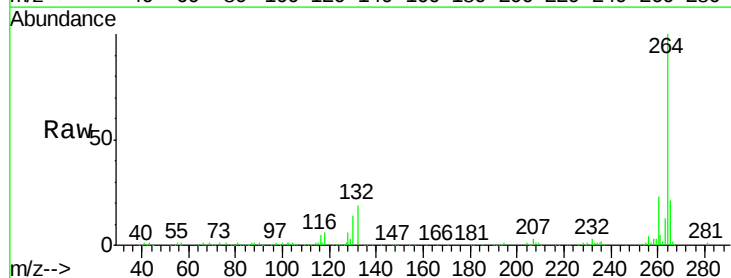
Tgt Ion:264 Resp: 255253

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

