

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101751.D
 Acq On : 27 Dec 2017 9:09
 Operator : SJ/JU
 Sample : I7010-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Dec 27 10:29:53 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	135168	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484046	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	182534	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	304205	20.00	ng	0.00
75) Chrysene-d12	13.97	240	317839	20.00	ng	0.00
86) Perylene-d12	15.44	264	267630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	325325	35.85	ng	0.02
7) Phenol-d6	6.45	99	242006	21.43	ng	0.01
23) Nitrobenzene-d5	7.36	82	805218	92.60	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	152560	86.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1236826	105.11	ng	0.00
78) Terphenyl-d14	12.90	244	1001335	75.95	ng	0.00

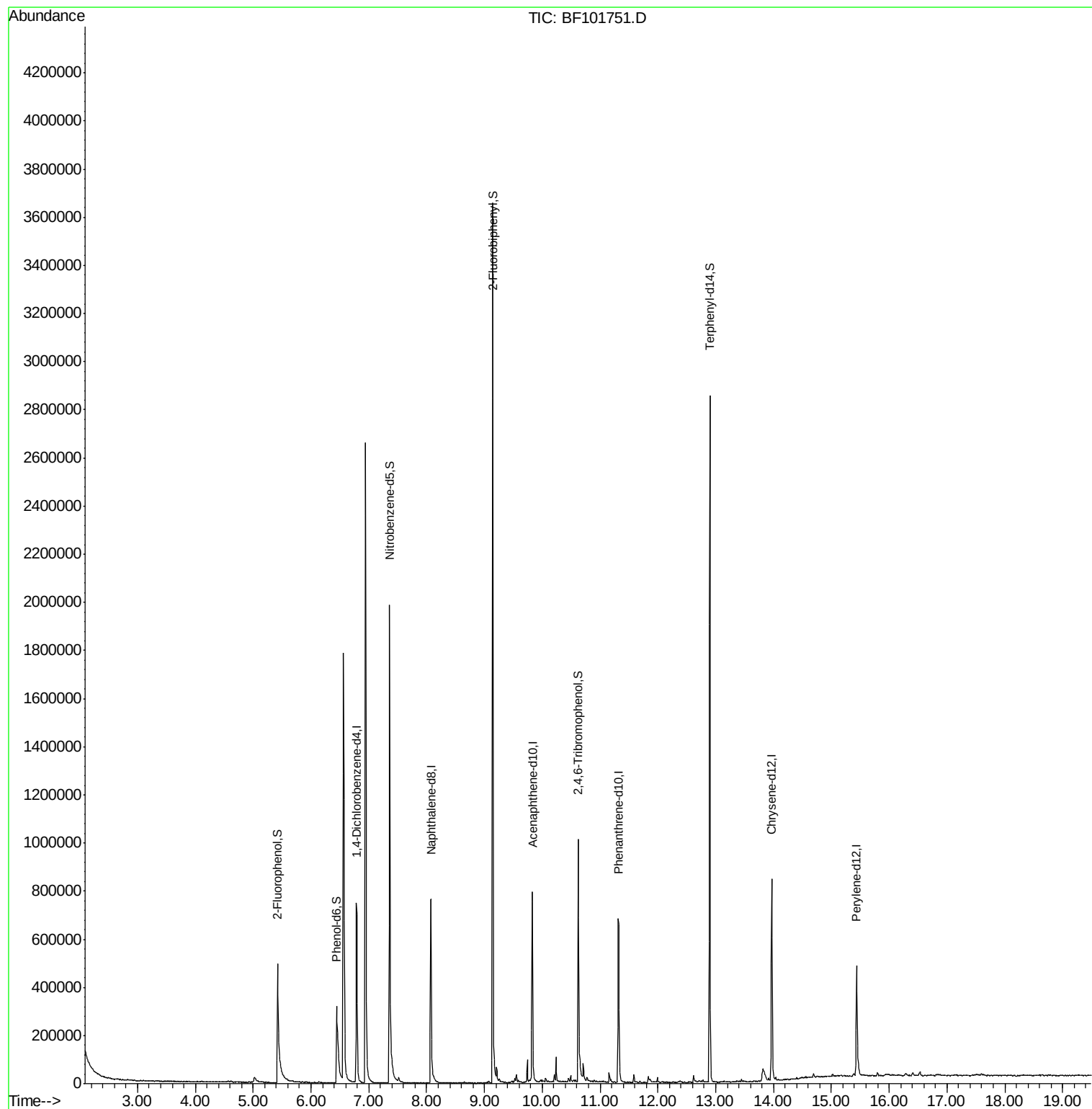
Target Compounds	Qvalue
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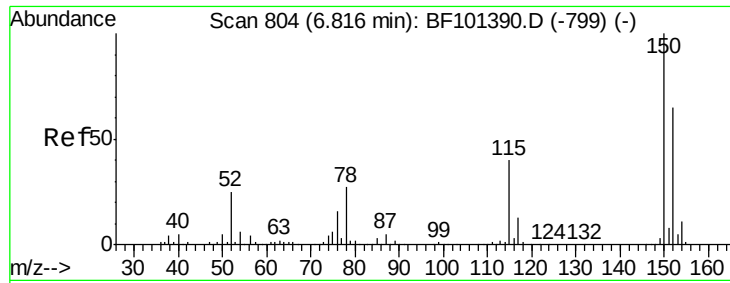
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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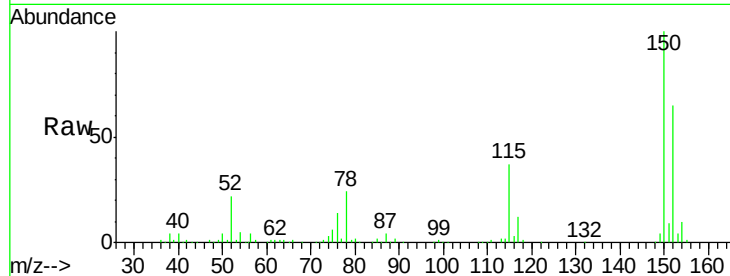




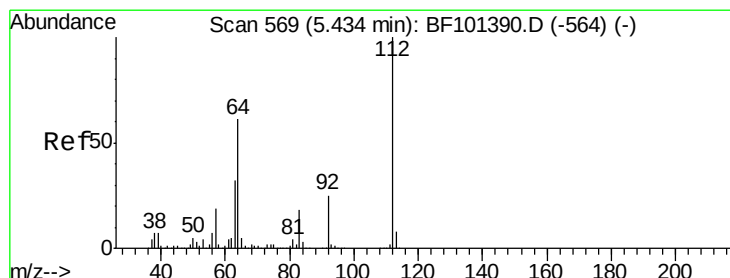
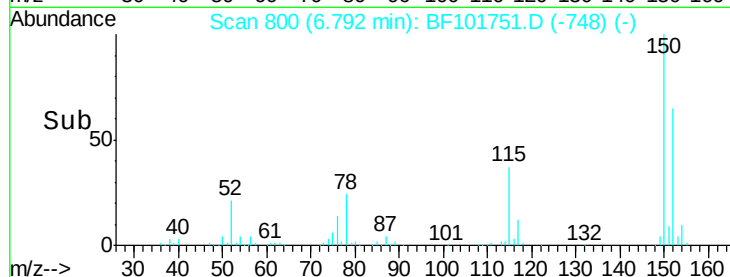
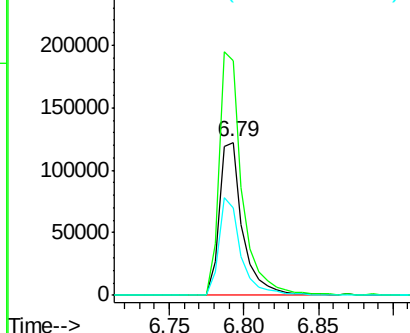
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101751.D
 Acq: 27 Dec 2017 9:09

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

Tgt Ion:152 Resp: 135168
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.6 186.8
 115 57.2 50.1 75.1

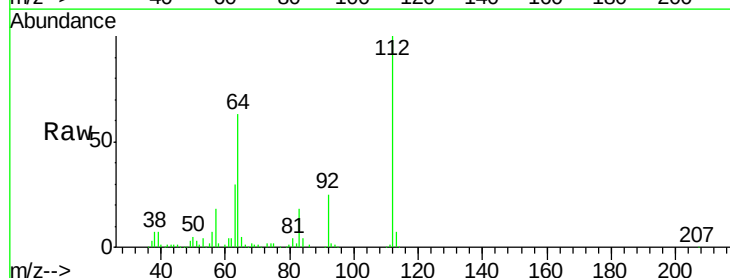


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

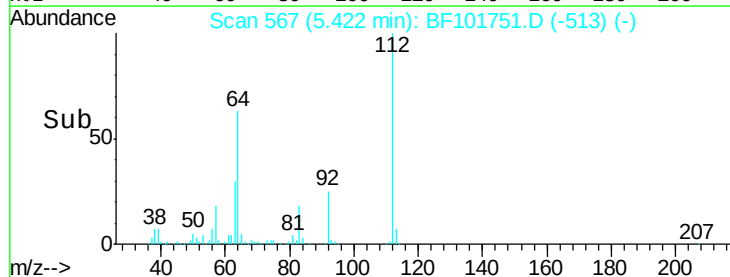
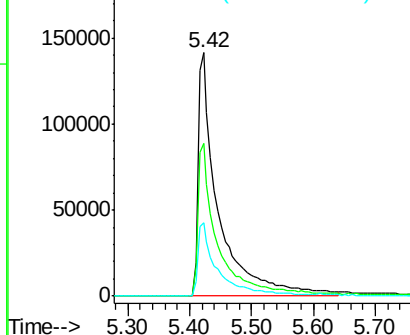


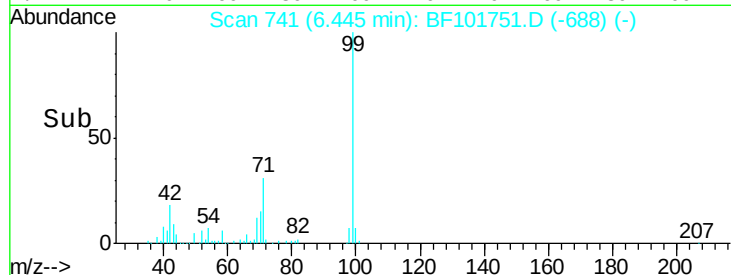
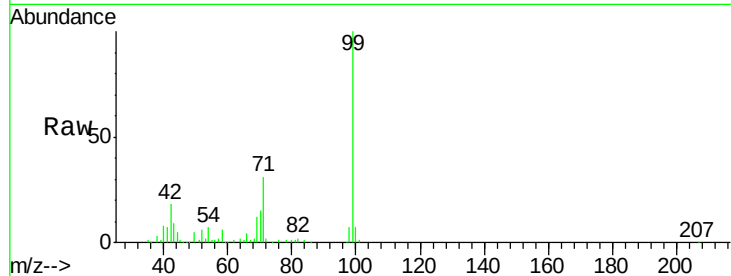
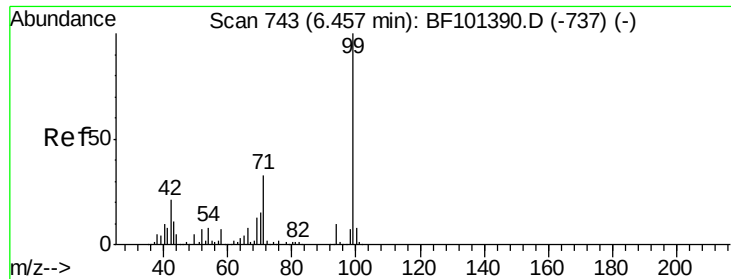
#5
 2-Fluorophenol
 Concen: 35.851 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.02 min
 Lab File: BF101751.D
 Acq: 27 Dec 2017 9:09

Tgt Ion:112 Resp: 325325
 Ion Ratio Lower Upper
 112 100
 64 62.8 47.9 71.9
 63 30.0 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: 21.429 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

122017-DBRI-F-D-M

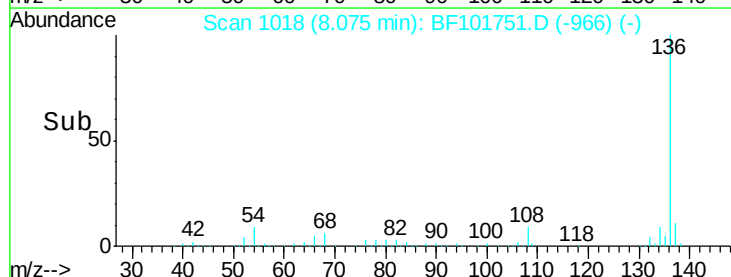
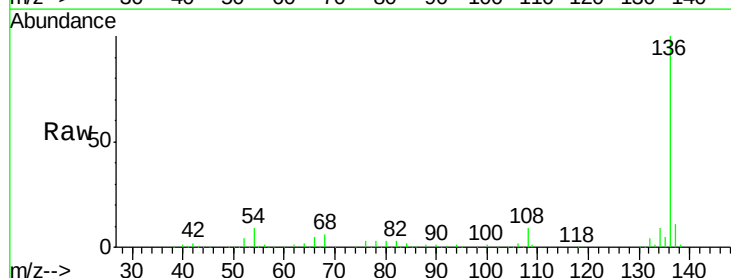
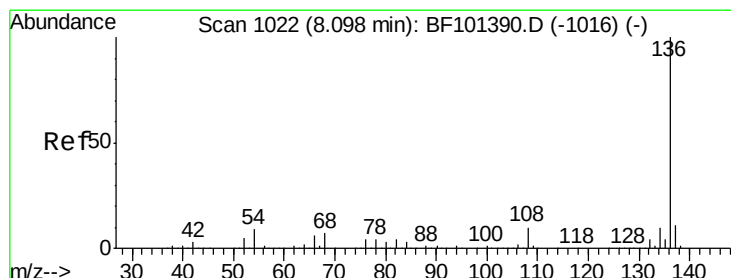
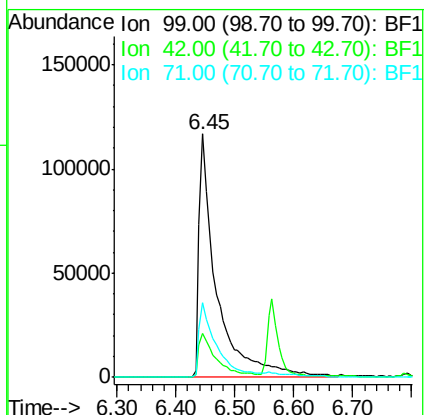
Tgt Ion: 99 Resp: 242006

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 30.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Tgt Ion: 136 Resp: 484046

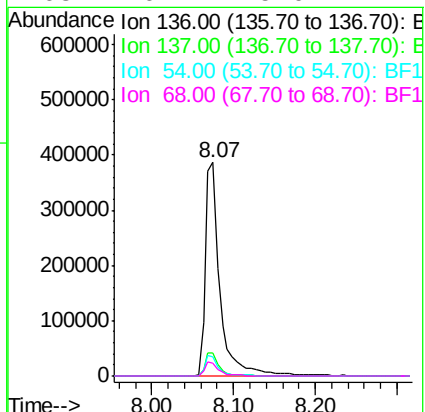
Ion Ratio Lower Upper

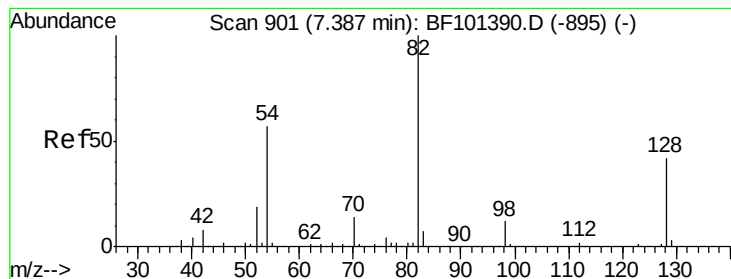
136 100

137 10.9 8.9 13.3

54 8.7 6.6 9.8

68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 92.601 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

122017-DBRI-F-D-M

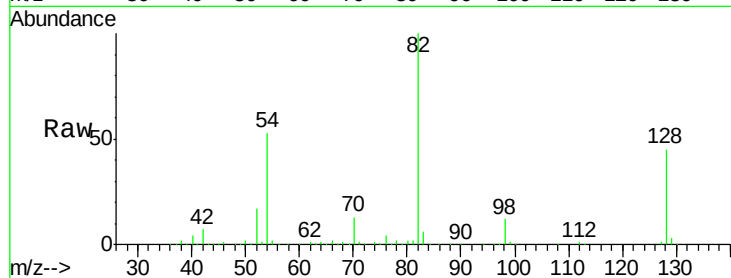
Tgt Ion: 82 Resp: 805218

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

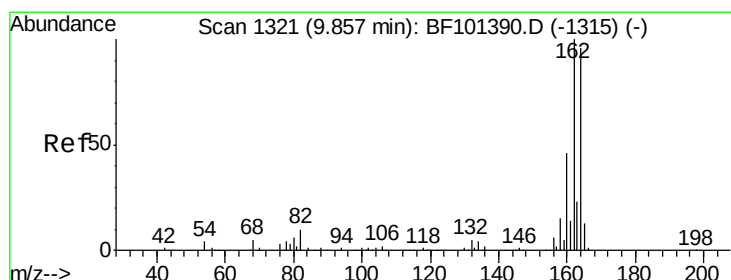
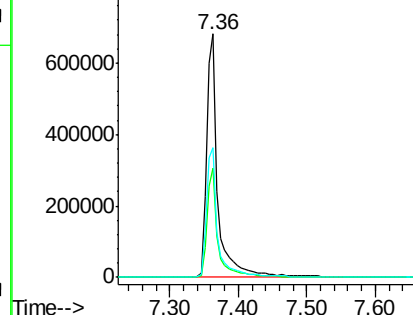
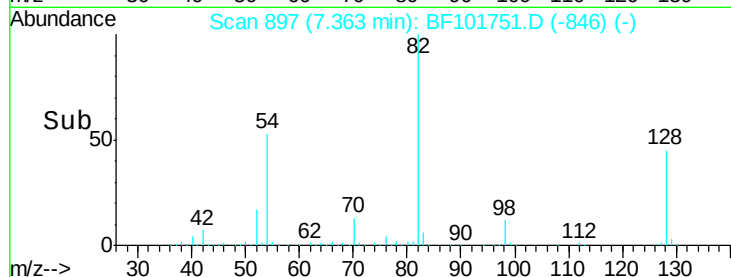
54 53.3 41.4 62.2



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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

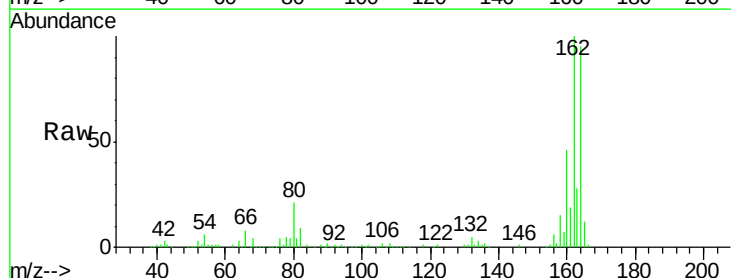
Tgt Ion: 164 Resp: 182534

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

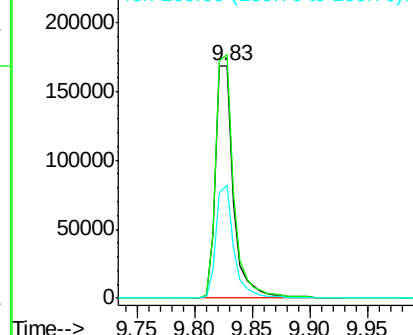
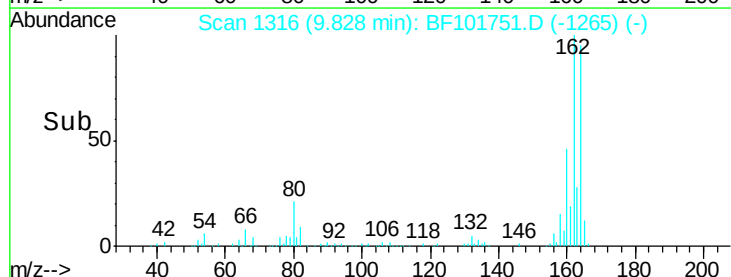
160 48.6 38.3 57.5

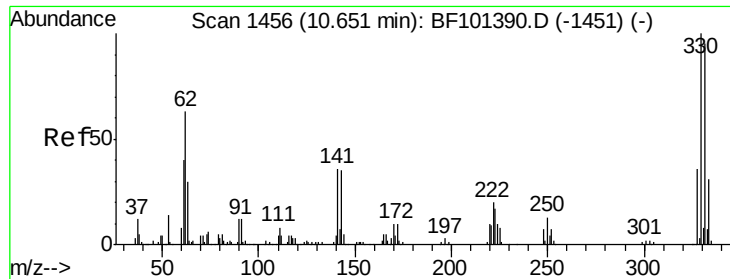


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

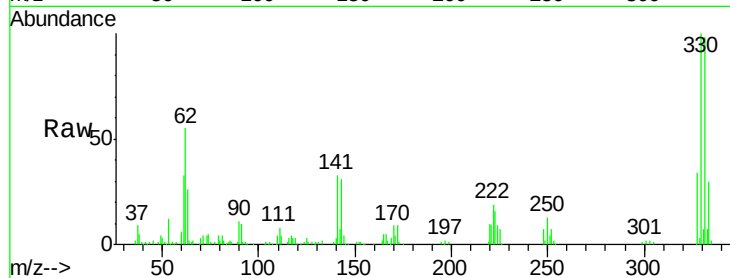




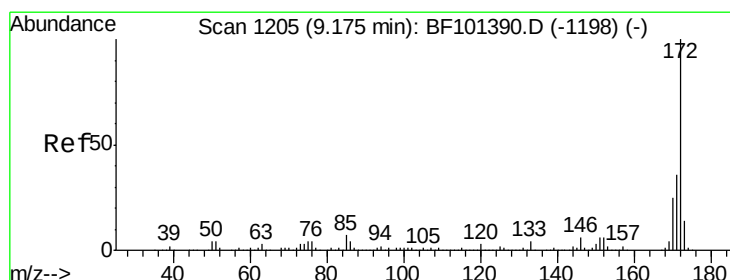
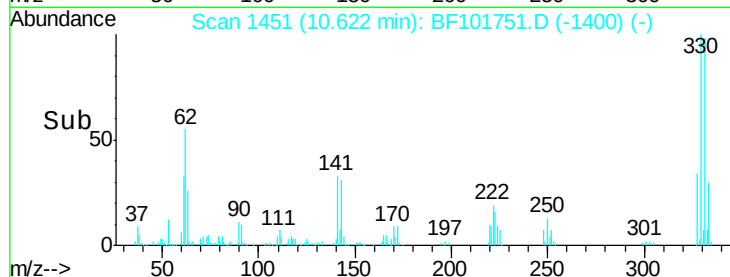
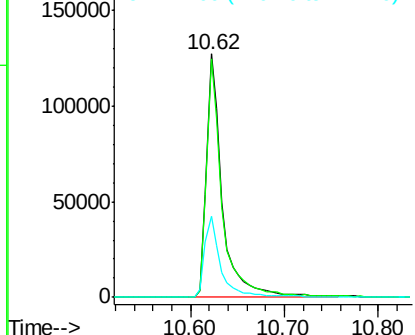
#41
 2,4,6-Tribromophenol
 Concen: 86.738 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101751.D
 Acq: 27 Dec 2017 9:09

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.2	29.9	44.9

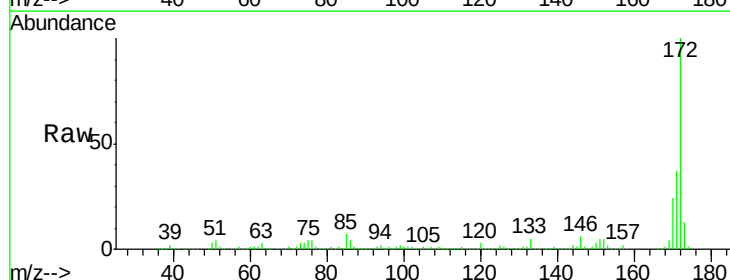


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

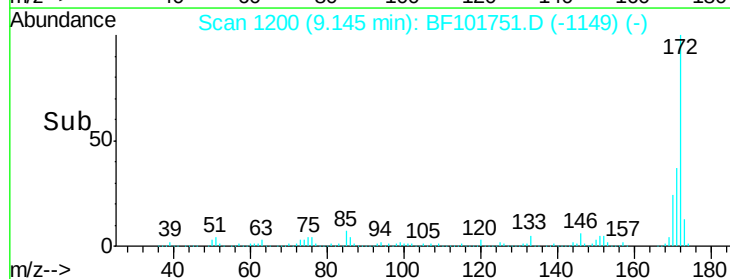
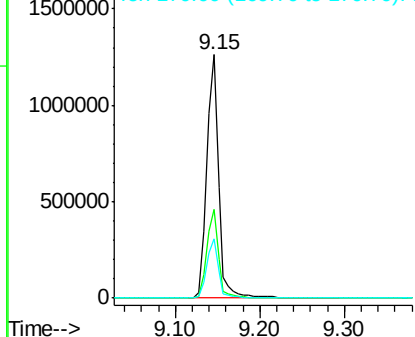


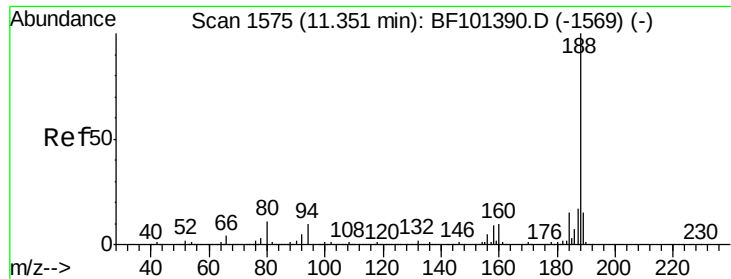
#44
 2-Fluorobiphenyl
 Concen: 105.110 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101751.D
 Acq: 27 Dec 2017 9:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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

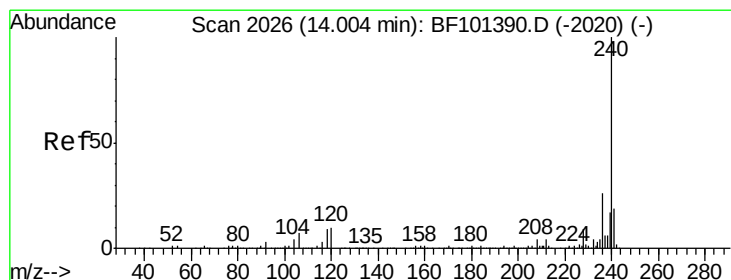
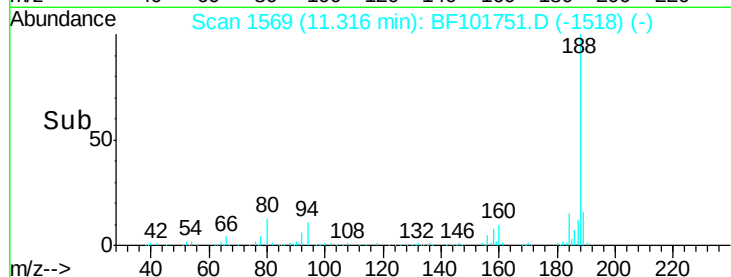
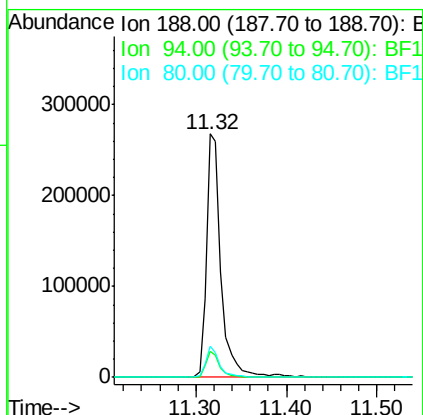
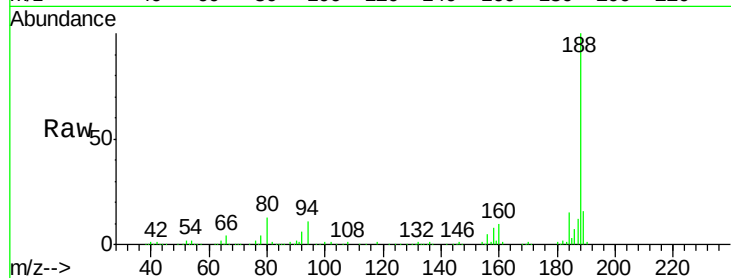




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101751.D
Acq: 27 Dec 2017 9:09

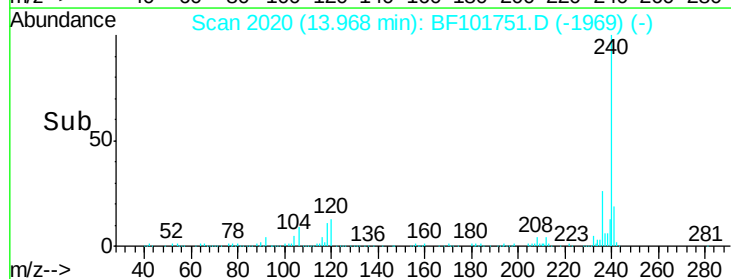
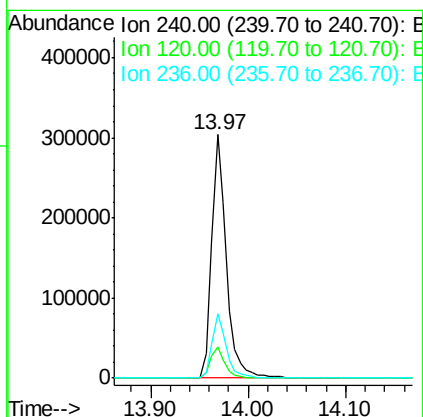
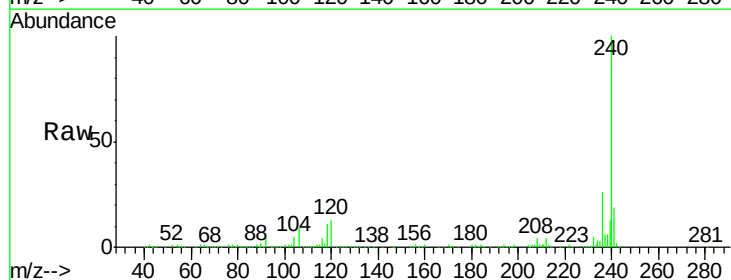
Instrument :
BNA_F
ClientSampleId :
122017-DBRI-F-D-M

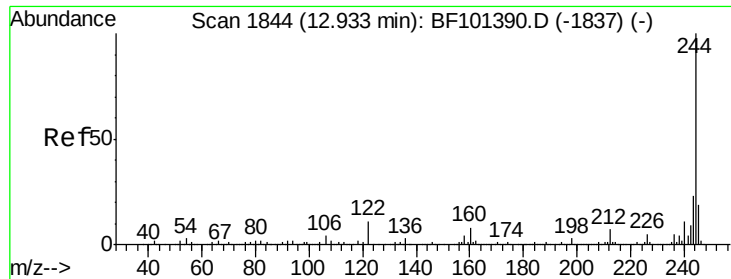
Tgt Ion:188 Resp: 304205
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101751.D
Acq: 27 Dec 2017 9:09

Tgt Ion:240 Resp: 317839
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 75.950 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF101751.D

Acq: 27 Dec 2017 9:09

Instrument :

BNA_F

ClientSampleId :

122017-DBRI-F-D-M

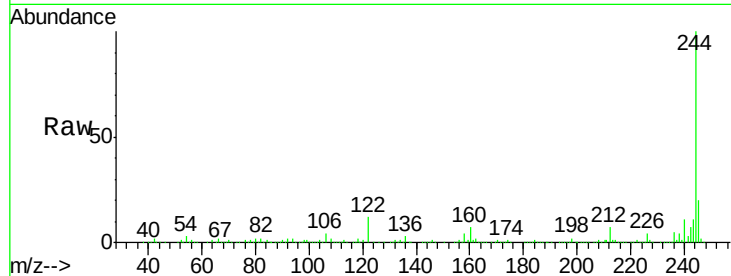
Tgt Ion:244 Resp: 1001335

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

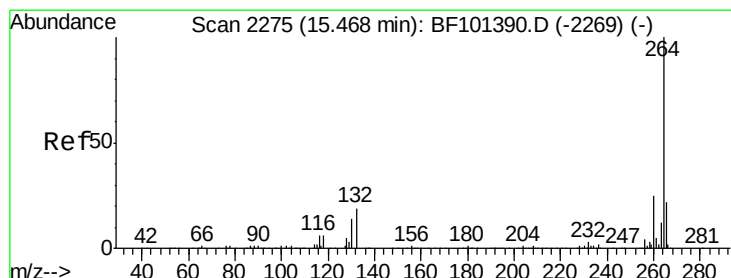
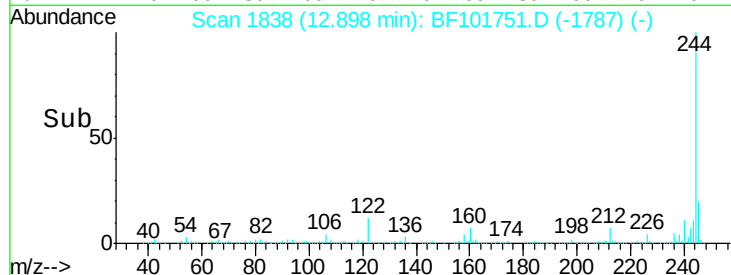
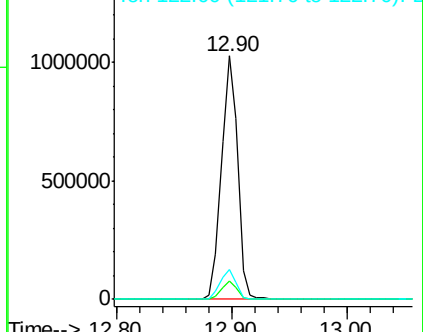
122 12.0 11.0 16.4



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: BF101751.D

Acq: 27 Dec 2017 9:09

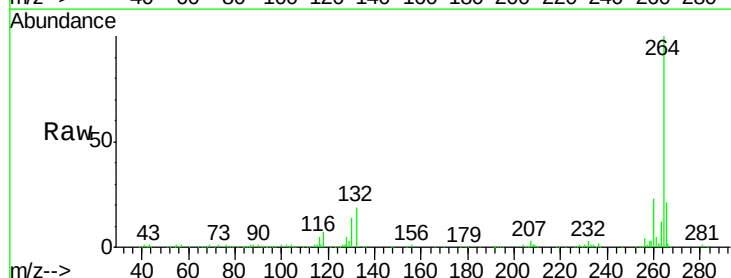
Tgt Ion:264 Resp: 267630

Ion Ratio Lower Upper

264 100

260 22.9 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

