

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121817\
 Data File : BF101510.D
 Acq On : 19 Dec 2017 6:04
 Operator : SJ/JU
 Sample : I6910-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-U-M

Quant Time: Dec 19 07:17:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125358	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	443341	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	154689	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	253434	20.00	ng	0.00
75) Chrysene-d12	13.99	240	294910	20.00	ng	0.00
86) Perylene-d12	15.46	264	271552	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	317180	37.69	ng	0.01
7) Phenol-d6	6.46	99	224855	21.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	677488	85.07	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	126495	84.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1061203	106.42	ng	0.00
78) Terphenyl-d14	12.92	244	889792	72.74	ng	0.00

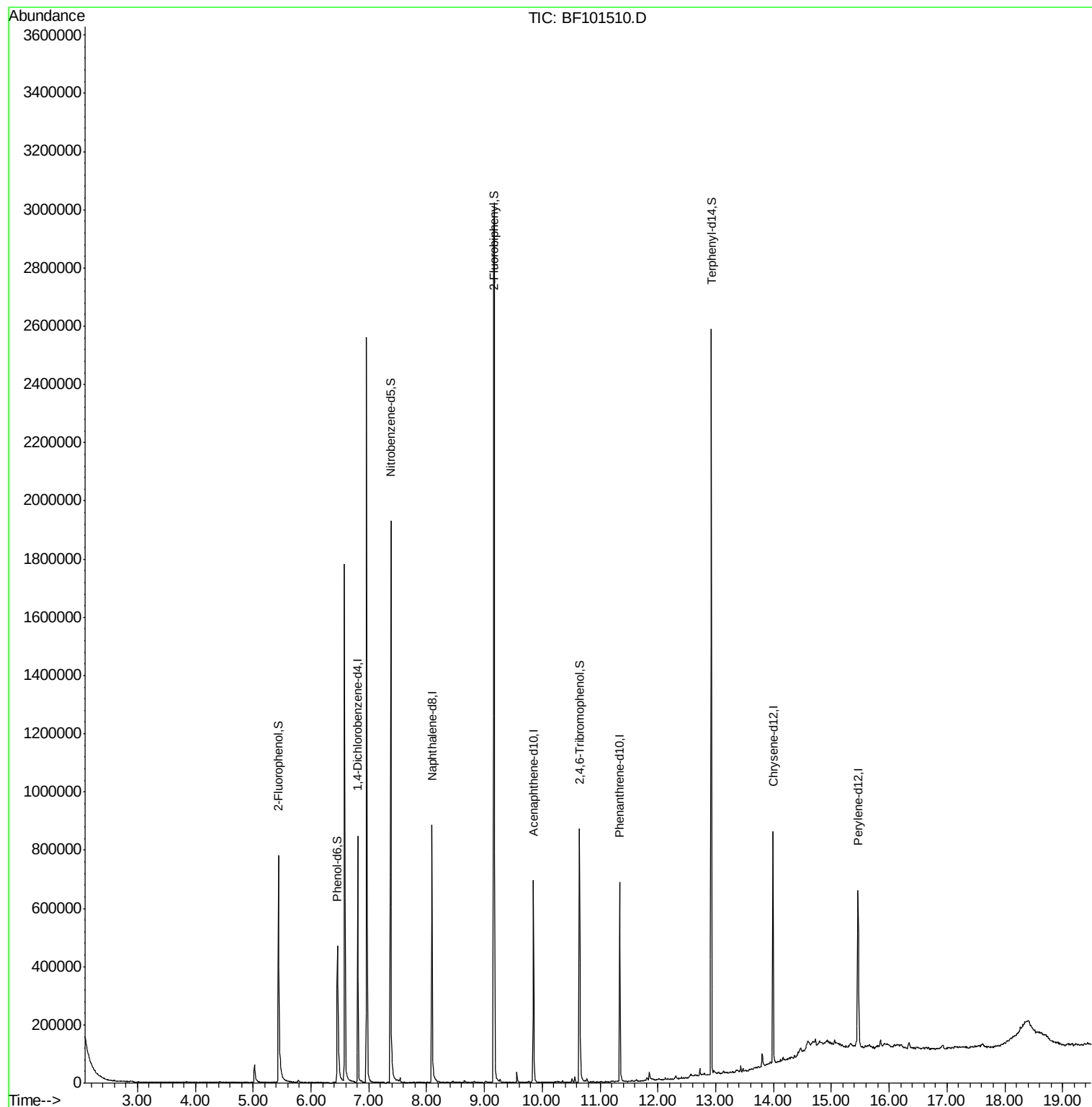
Target Compounds	Qvalue
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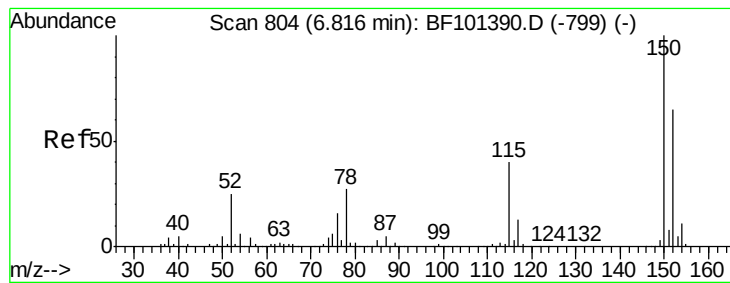
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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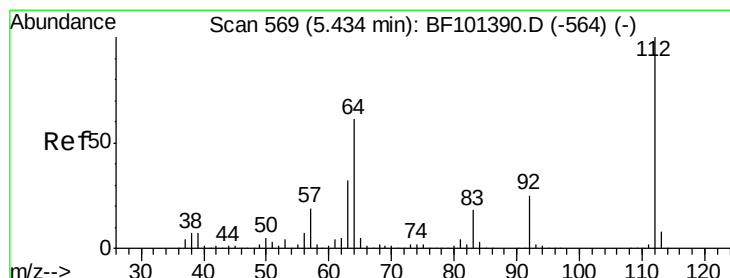
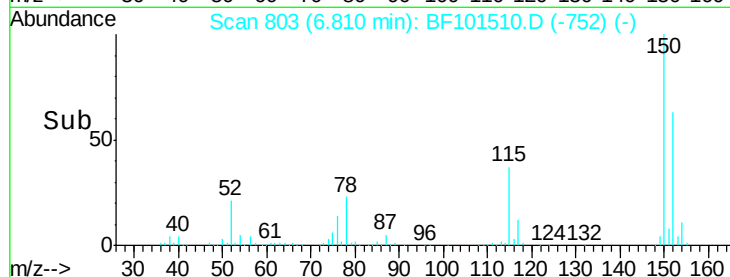
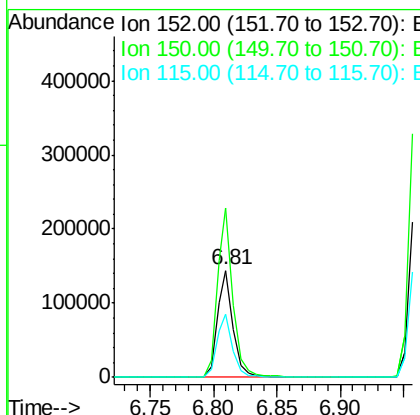
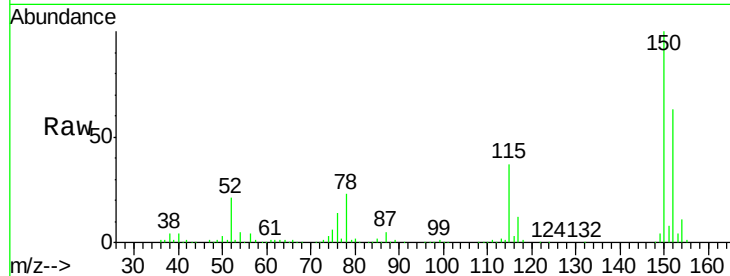


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101510.D
Acq: 19 Dec 2017 6:04

Instrument :
BNA_F
ClientSampleId :
121317-DBRI-E-U-M

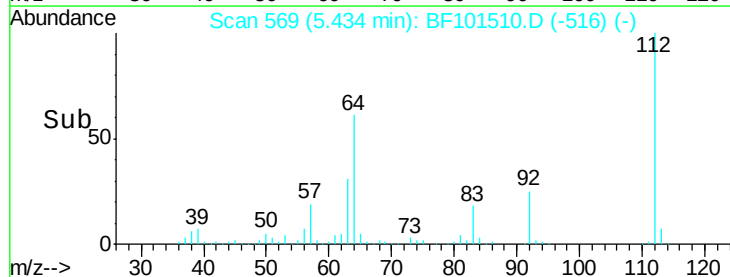
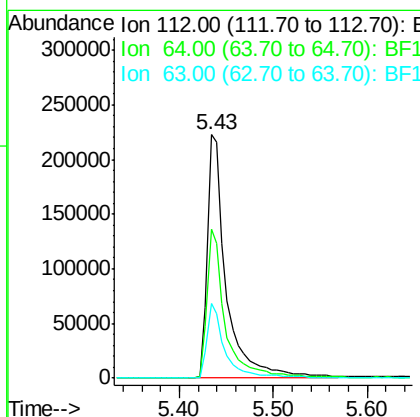
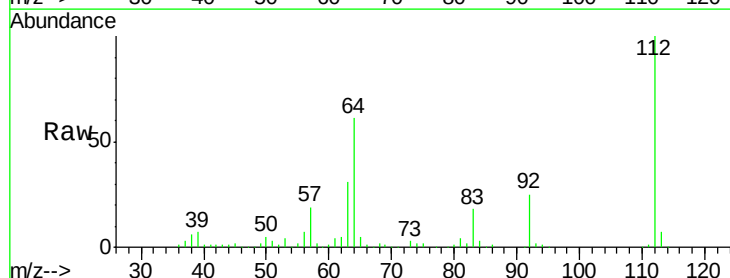
Tgt Ion:152 Resp: 125358
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 59.1 50.1 75.1

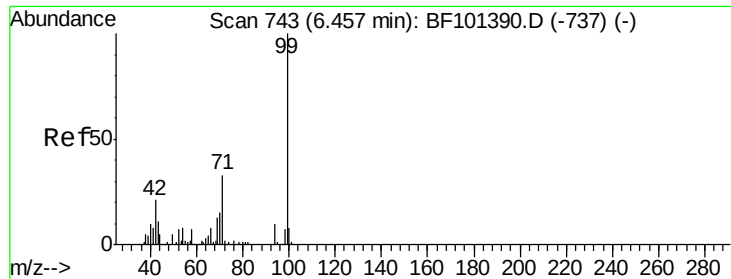


#5

2-Fluorophenol
Concen: 37.689 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101510.D
Acq: 19 Dec 2017 6:04

Tgt Ion:112 Resp: 317180
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 21.469 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-U-M

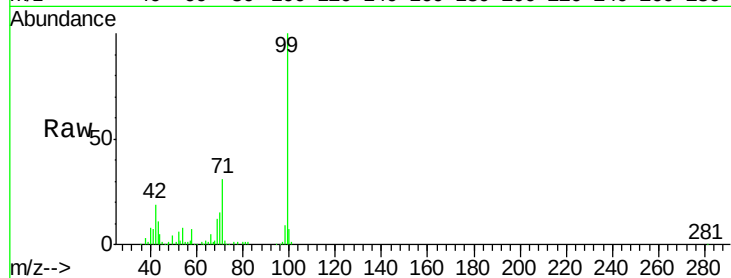
Tgt Ion: 99 Resp: 224855

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

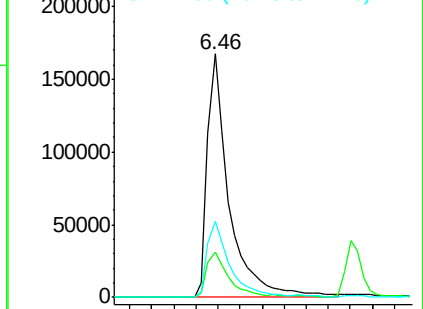
71 31.3 25.4 38.0



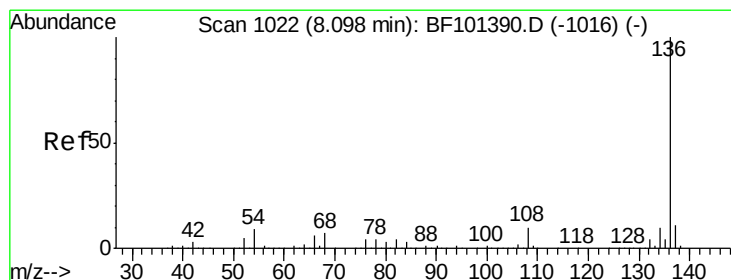
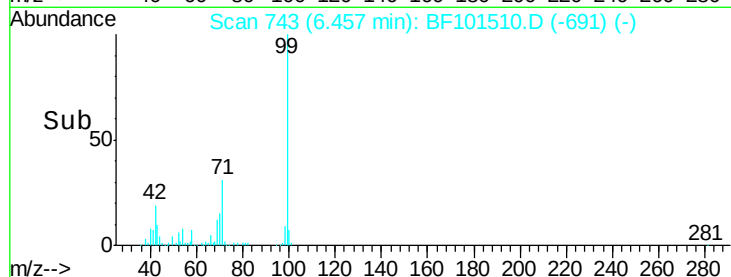
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

Tgt Ion: 136 Resp: 443341

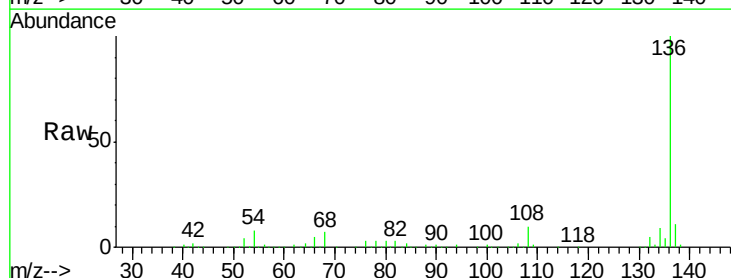
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.4 6.6 9.8

68 6.5 5.0 7.4

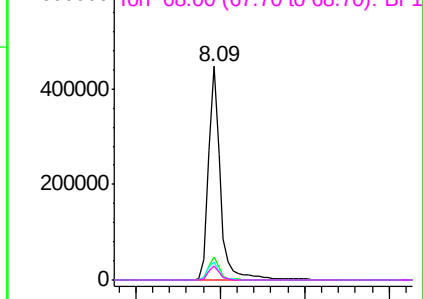


Abundance Ion 136.00 (135.70 to 136.70): E

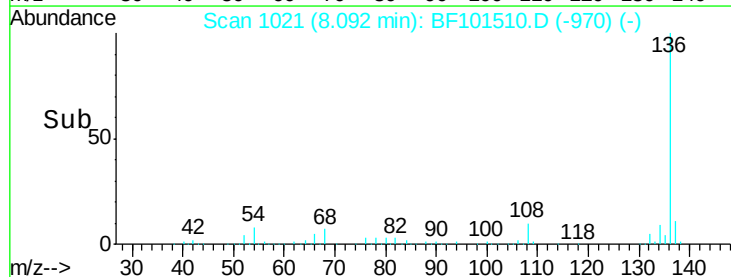
Ion 137.00 (136.70 to 137.70): E

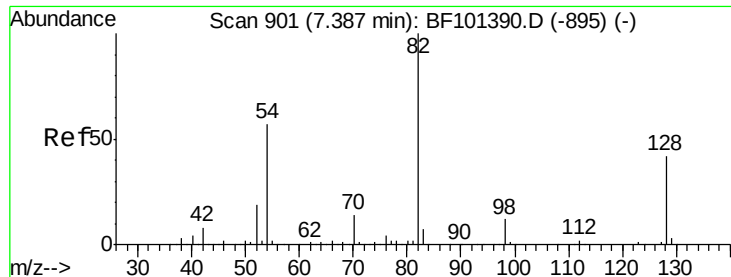
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

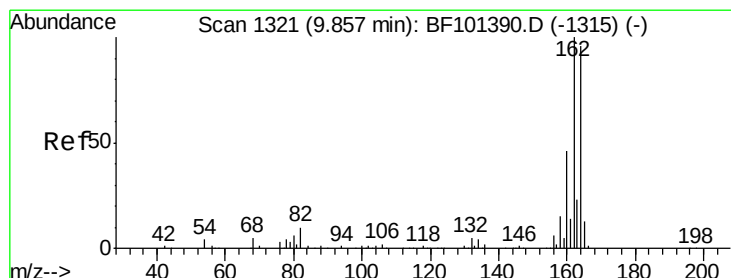
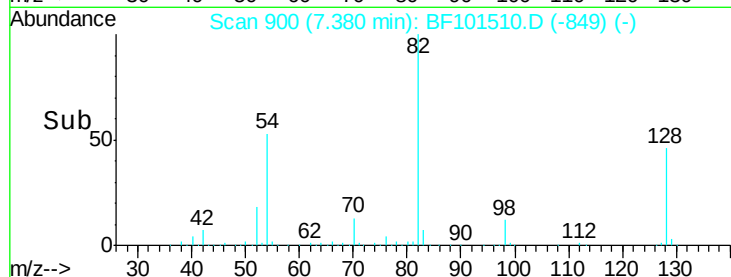
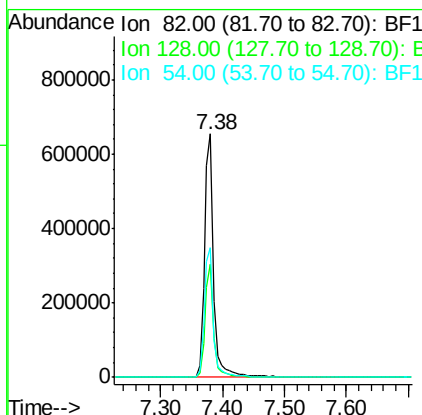
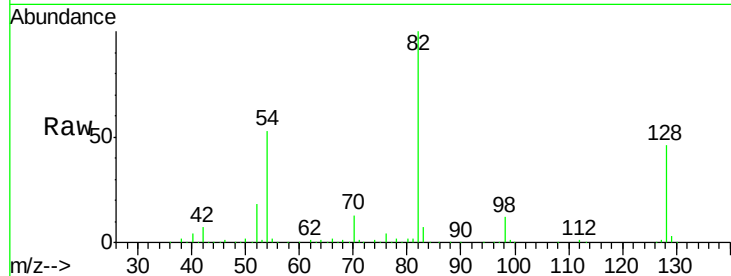




#23
 Nitrobenzene-d5
 Concen: 85.065 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101510.D
 Acq: 19 Dec 2017 6:04

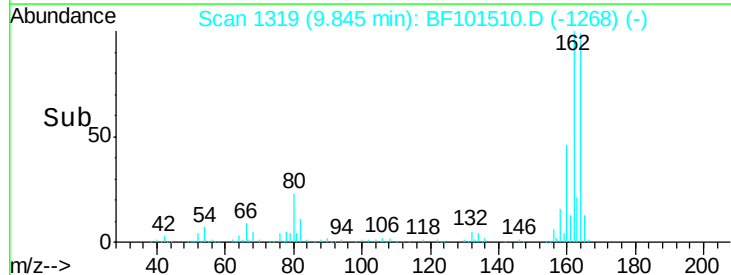
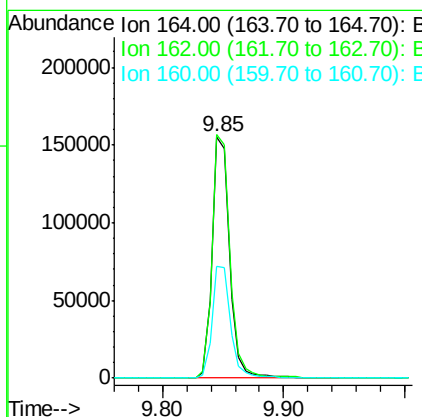
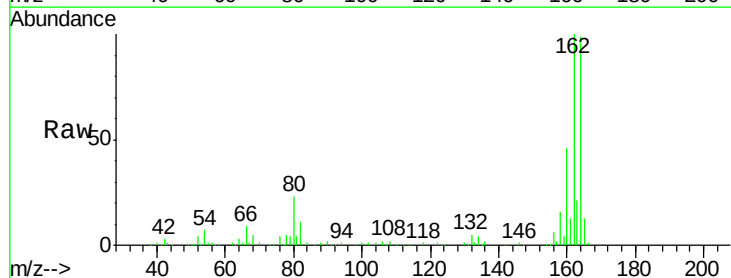
Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-U-M

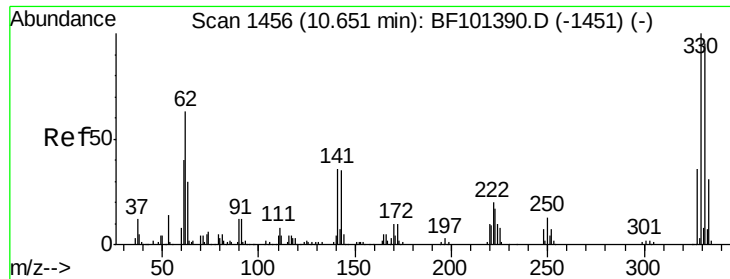
Tgt Ion: 82 Resp: 677488
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 53.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101510.D
 Acq: 19 Dec 2017 6:04

Tgt Ion: 164 Resp: 154689
 Ion Ratio Lower Upper
 164 100
 162 101.0 86.1 129.1
 160 46.3 38.3 57.5

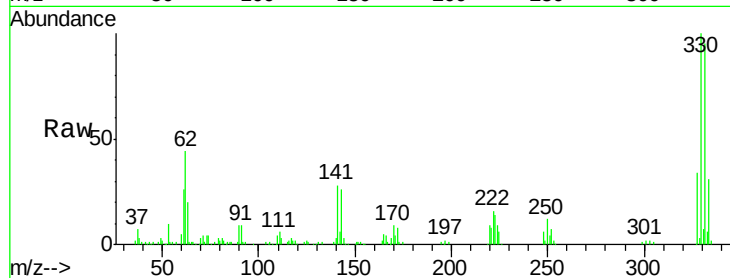




#41
 2,4,6-Tribromophenol
 Concen: 84.865 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101510.D
 Acq: 19 Dec 2017 6:04

Instrument :
 BNA_F
 ClientSampleId :
 121317-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.1	29.9	44.9

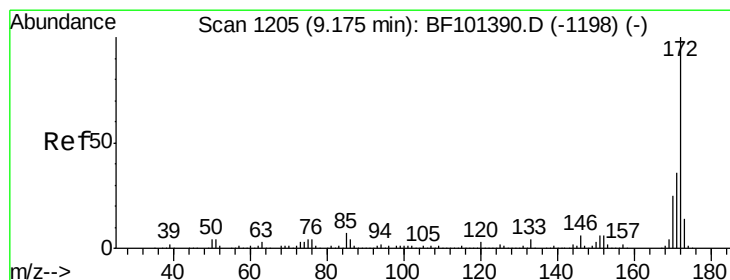
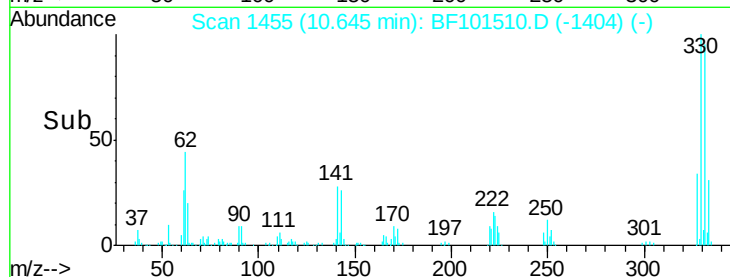
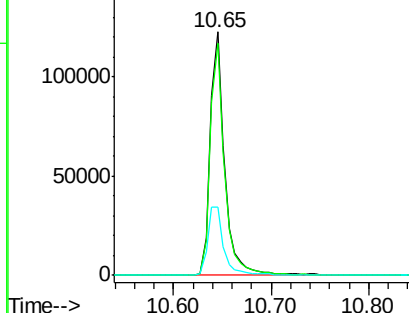


Abundance

Ion 329.80 (329.50 to 330.50): E

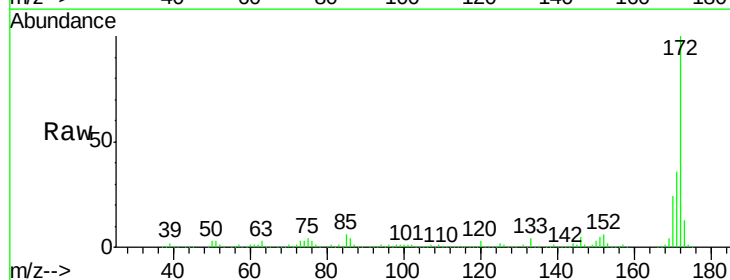
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.419 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF101510.D
 Acq: 19 Dec 2017 6:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

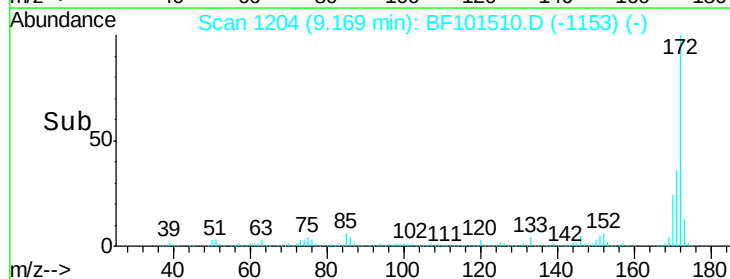
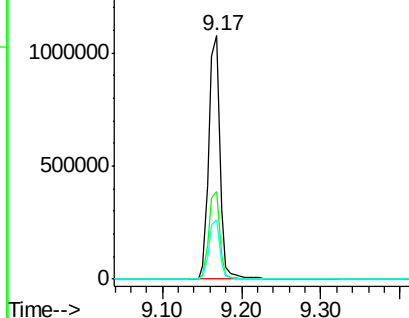


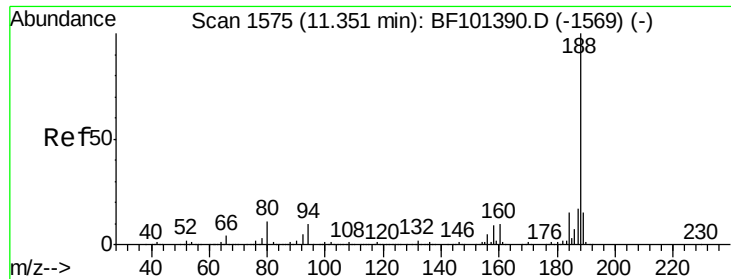
Abundance

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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-U-M

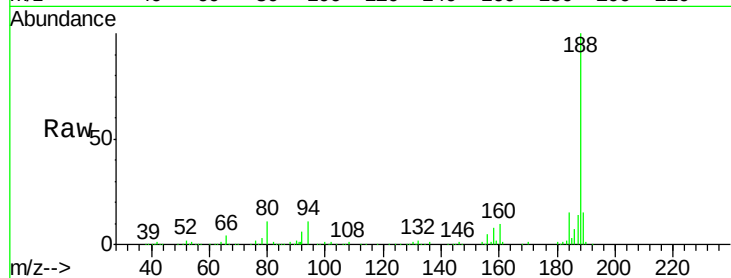
Tgt Ion:188 Resp: 253434

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

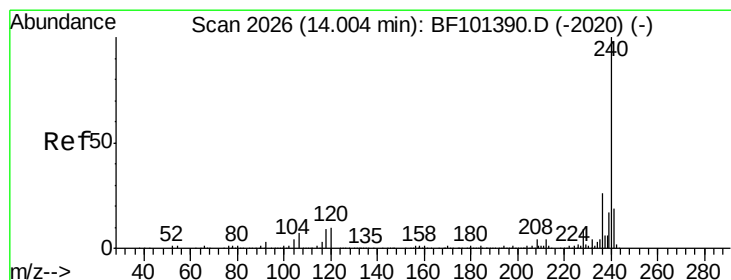
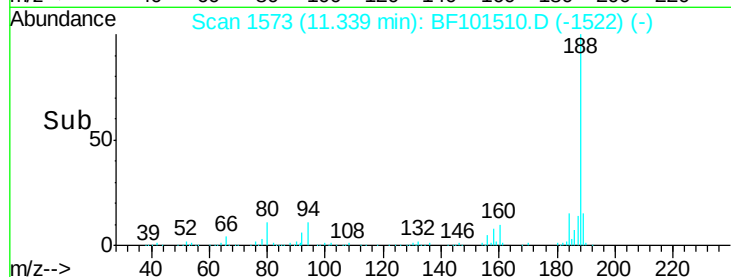
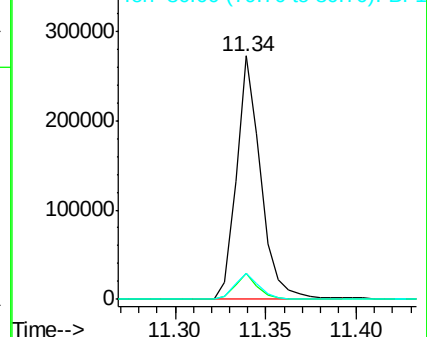
80 10.9 9.2 13.8



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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

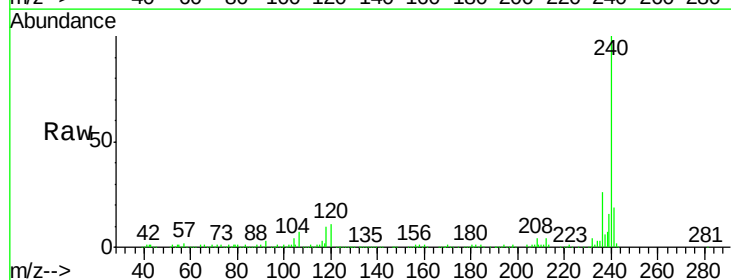
Tgt Ion:240 Resp: 294910

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

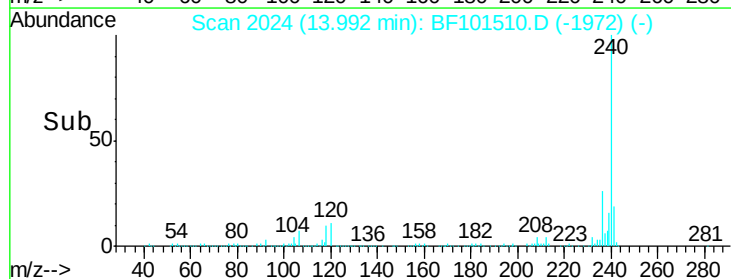
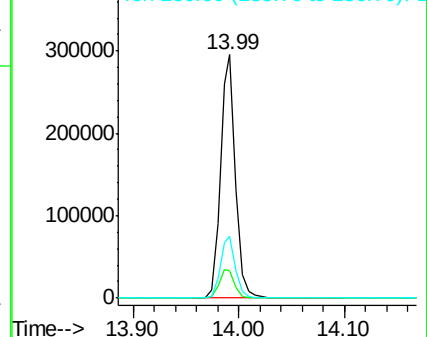
236 25.6 20.7 31.1

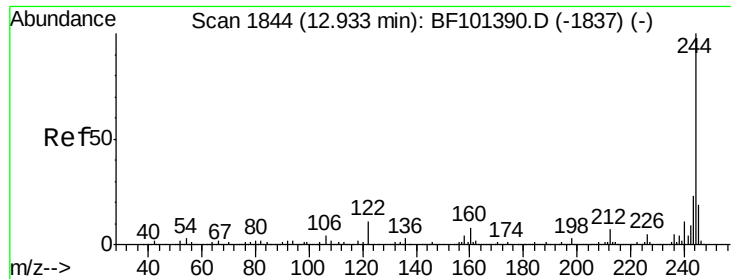


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.737 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

Instrument :

BNA_F

ClientSampleId :

121317-DBRI-E-U-M

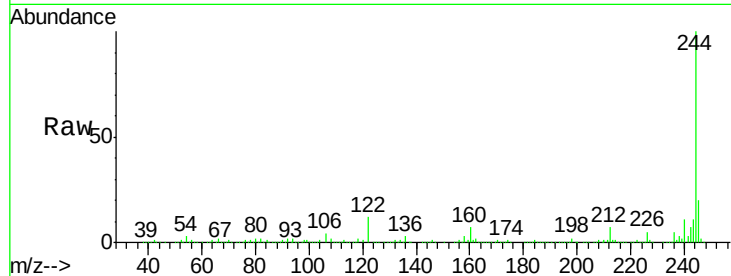
Tgt Ion:244 Resp: 889792

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

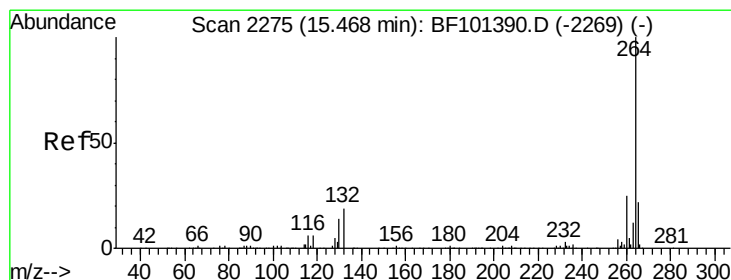
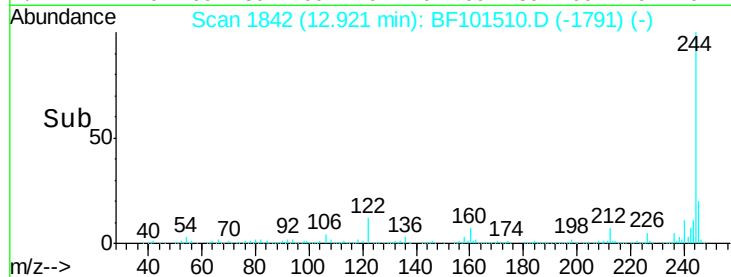
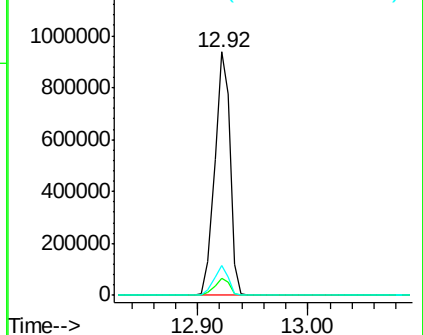
122 12.2 11.0 16.4



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: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF101510.D

Acq: 19 Dec 2017 6:04

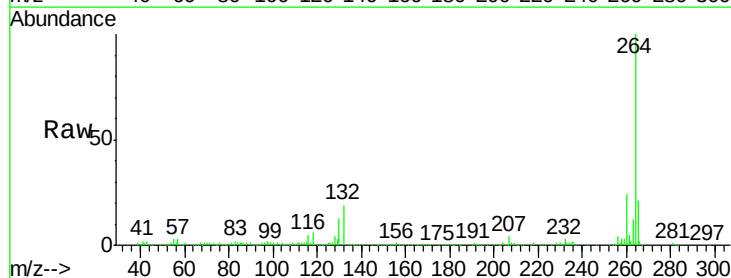
Tgt Ion:264 Resp: 271552

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 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

