

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101679.D
 Acq On : 23 Dec 2017 4:07
 Operator : SJ/JU
 Sample : PB105250TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105250TB

Quant Time: Dec 23 05:36:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146959	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	580946	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	244009	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	441868	20.00	ng	0.00
75) Chrysene-d12	13.96	240	293125	20.00	ng	0.00
86) Perylene-d12	15.43	264	259915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1223552	124.02	ng	0.01
7) Phenol-d6	6.43	99	1461731	119.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	929252	89.04	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	303675	129.16	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1474126	93.71	ng	0.00
78) Terphenyl-d14	12.90	244	1277342	105.05	ng	0.00

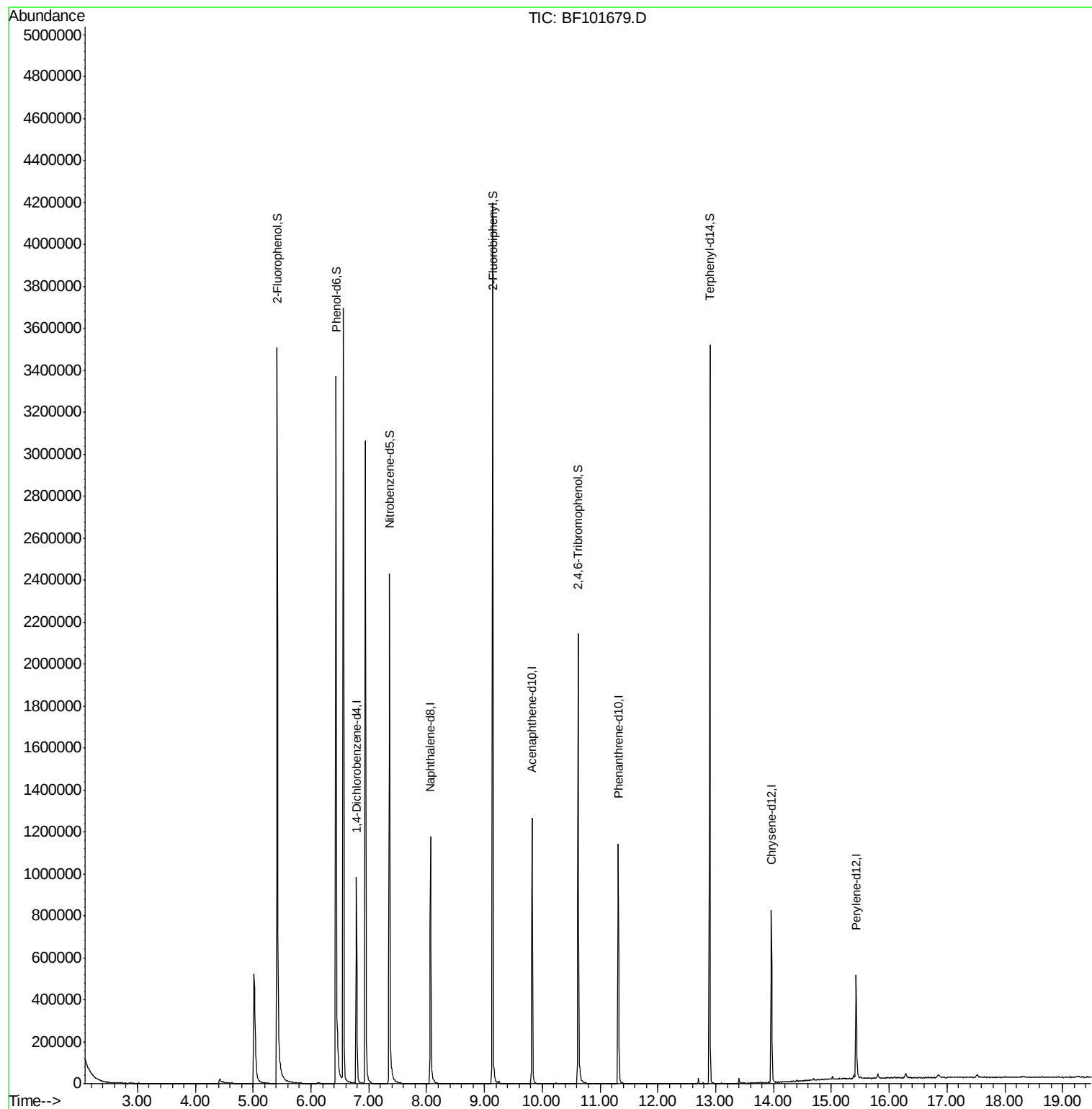
Target Compounds	Qvalue
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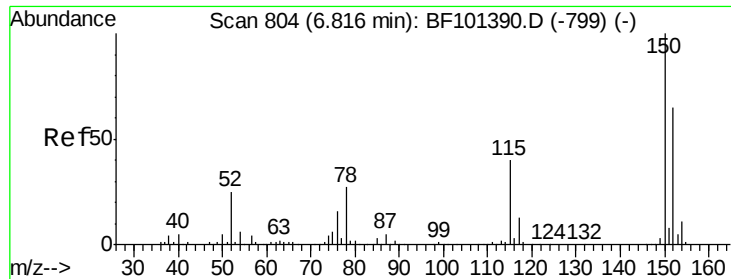
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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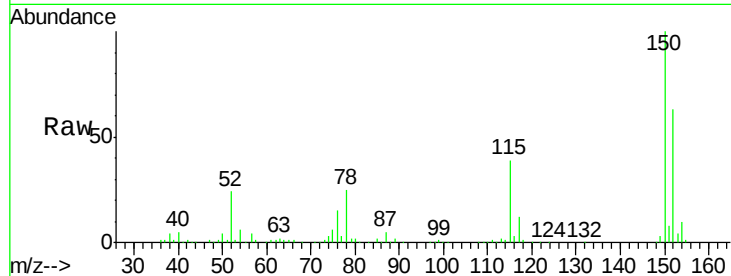




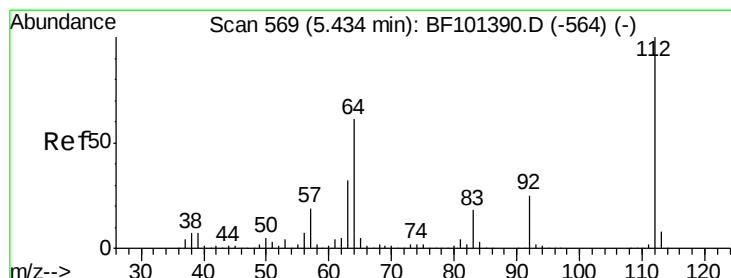
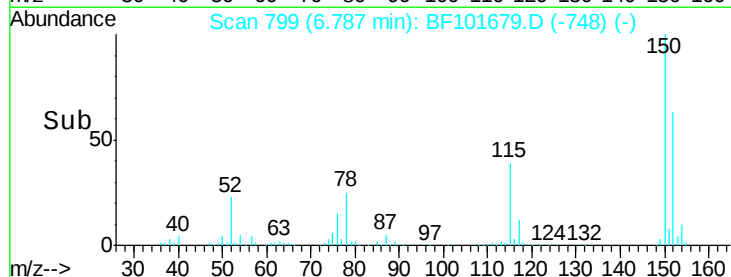
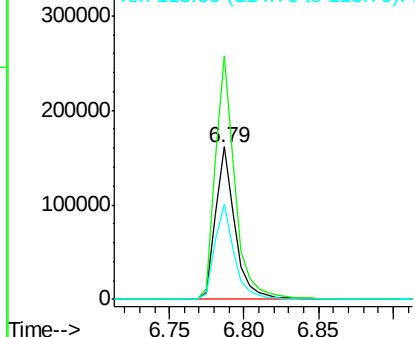
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Instrument :
 BNA_F
 ClientSampleId :
 PB105250TB

Tgt Ion:152 Resp: 146959
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 62.1 50.1 75.1

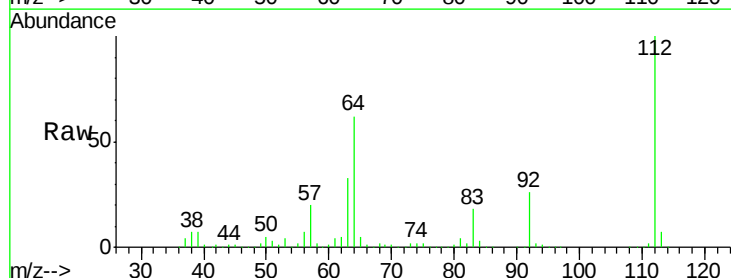


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

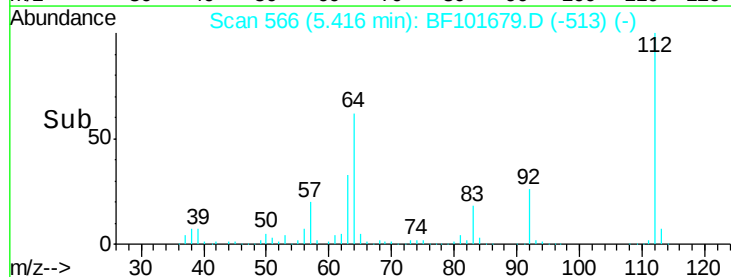
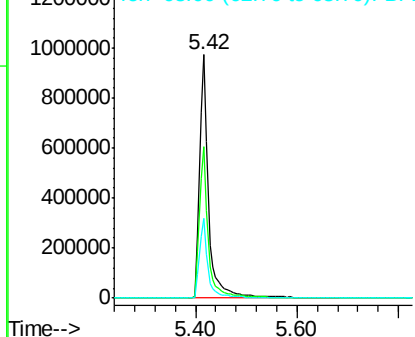


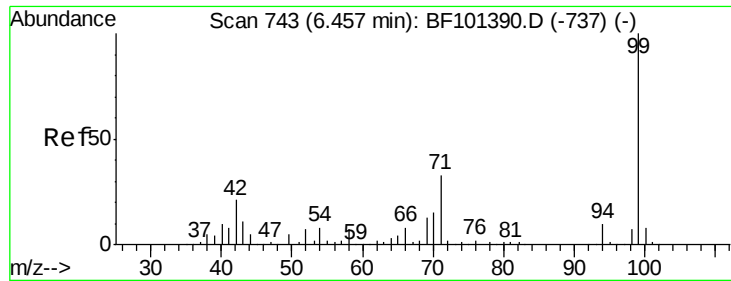
#5
 2-Fluorophenol
 Concen: 124.019 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Tgt Ion:112 Resp: 1223552
 Ion Ratio Lower Upper
 112 100
 64 62.5 47.9 71.9
 63 32.7 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: 119.049 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

Instrument :

BNA_F

ClientSampleId :

PB105250TB

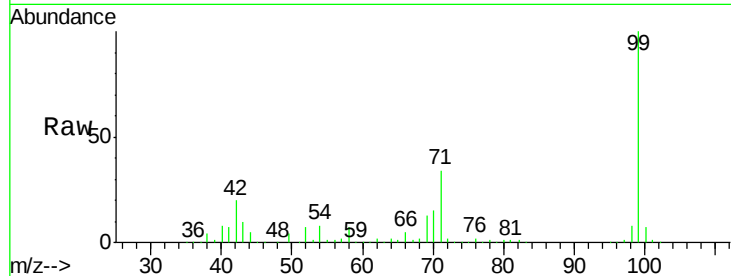
Tgt Ion: 99 Resp: 1461731

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

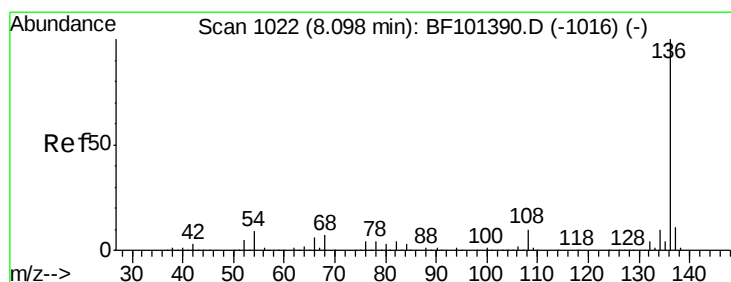
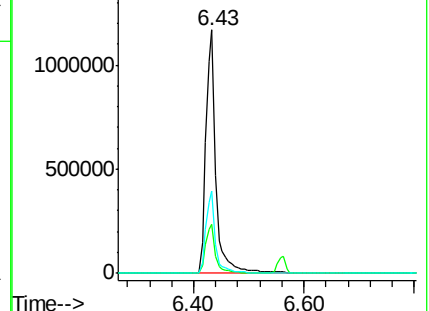
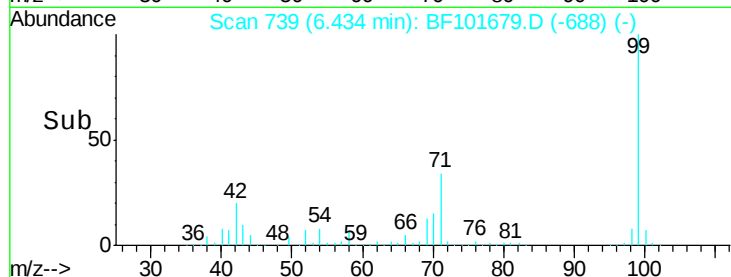
71 34.1 25.4 38.0



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: BF101679.D

Acq: 23 Dec 2017 4:07

Tgt Ion: 136 Resp: 580946

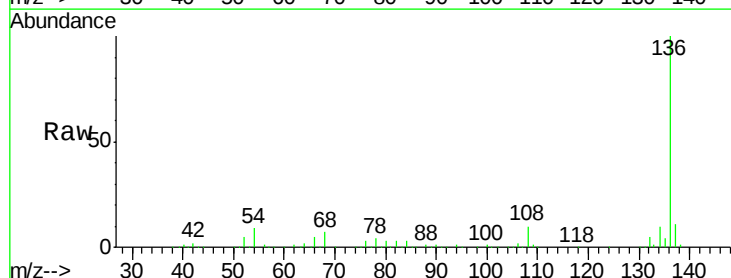
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.0 6.6 9.8

68 6.7 5.0 7.4

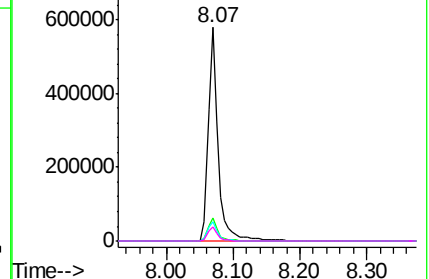
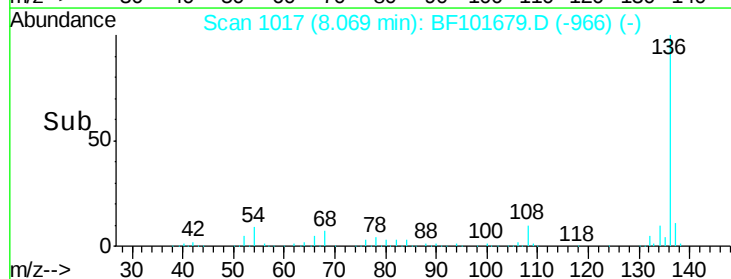


Abundance Ion 136.00 (135.70 to 136.70): E

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

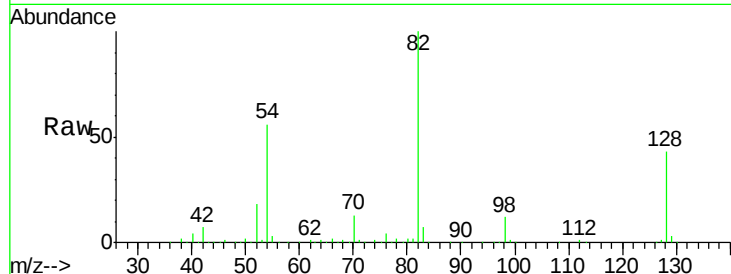




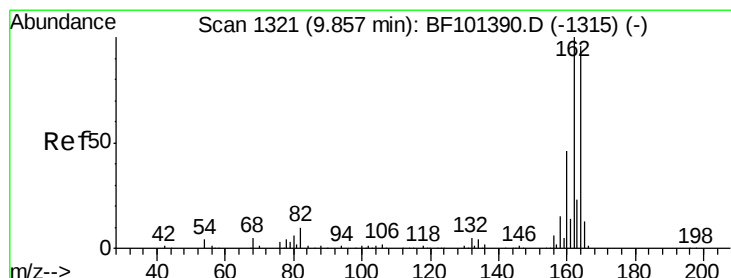
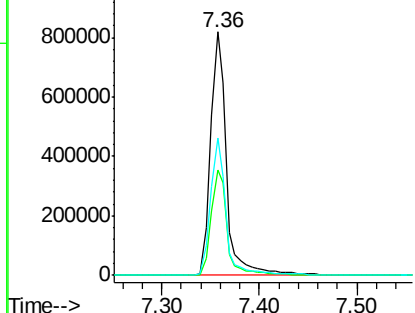
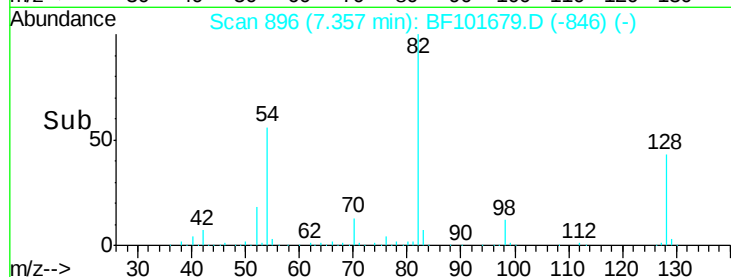
#23
 Nitrobenzene-d5
 Concen: 89.040 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Instrument :
 BNA_F
 ClientSampleId :
 PB105250TB

Tgt Ion: 82 Resp: 929252
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 56.2 41.4 62.2

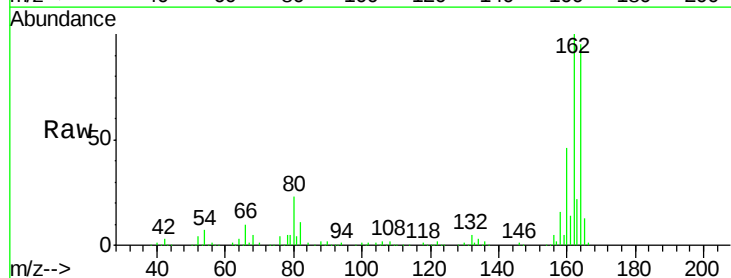


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

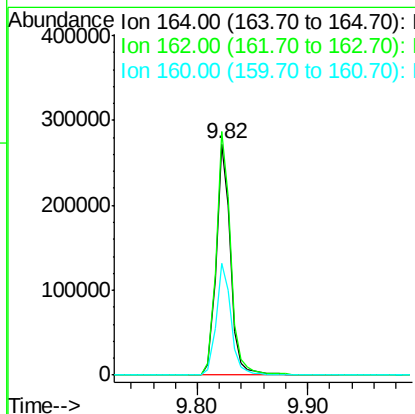
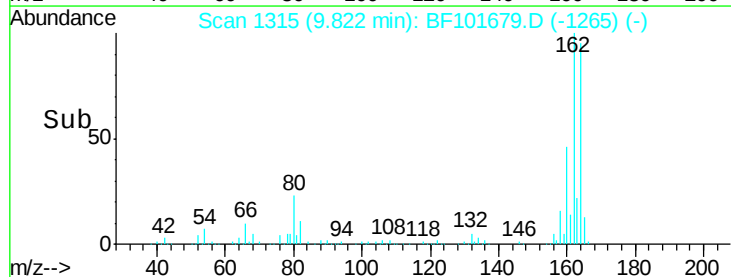


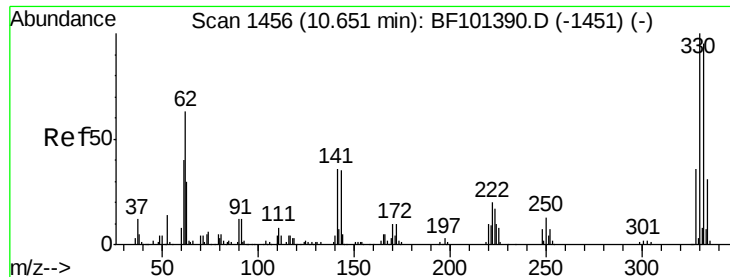
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Tgt Ion: 164 Resp: 244009
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 48.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

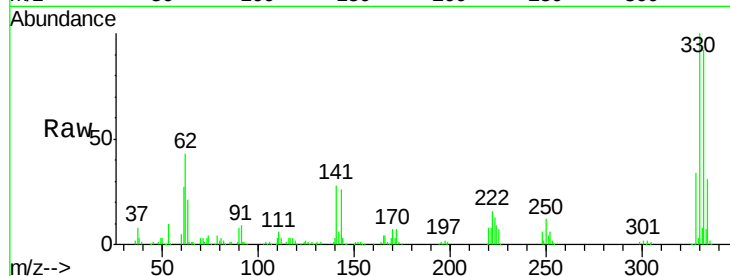




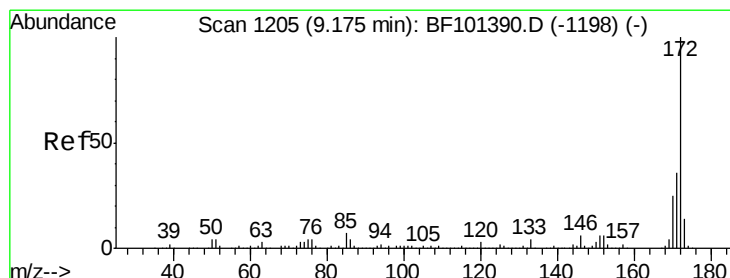
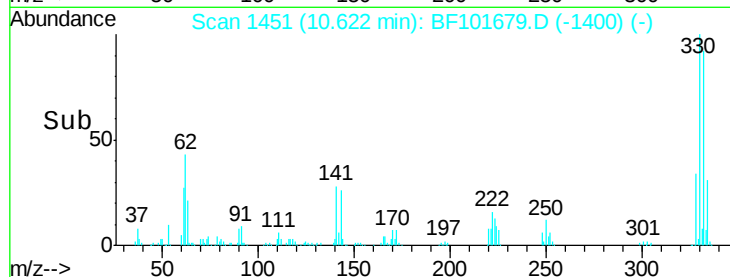
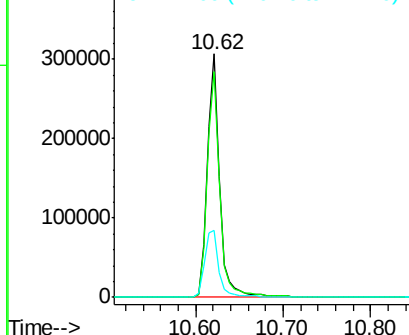
#41
 2,4,6-Tribromophenol
 Concen: 129.156 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Instrument :
 BNA_F
 ClientSampleId :
 PB105250TB

Tgt Ion: 330 Resp: 303675
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.0 29.9 44.9

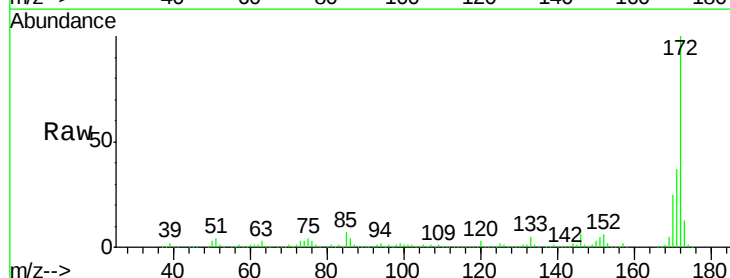


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

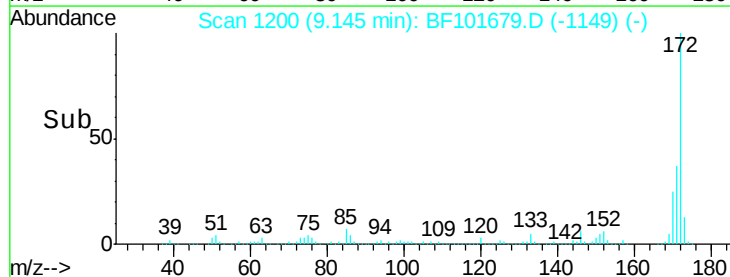
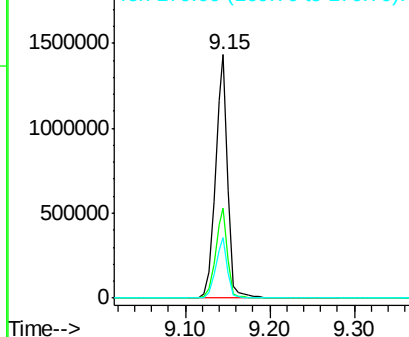


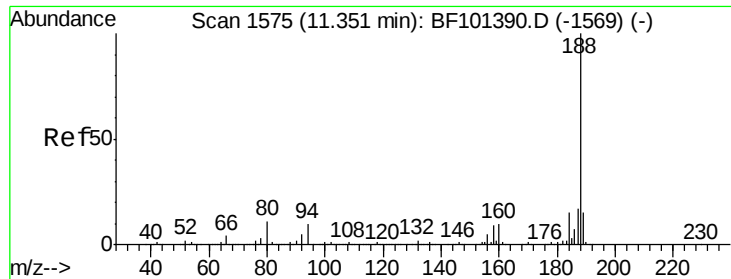
#44
 2-Fluorobiphenyl
 Concen: 93.715 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101679.D
 Acq: 23 Dec 2017 4:07

Tgt Ion: 172 Resp: 1474126
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.9 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: BF101679.D

Acq: 23 Dec 2017 4:07

Instrument :

BNA_F

ClientSampleId :

PB105250TB

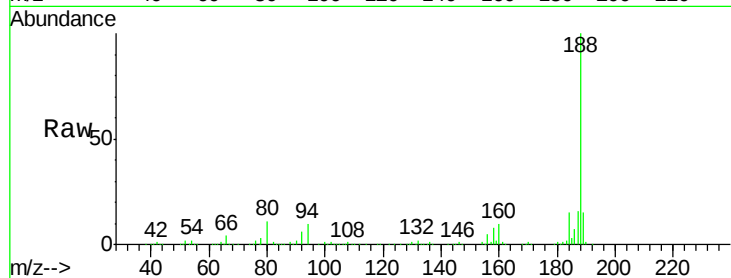
Tgt Ion:188 Resp: 441868

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

80 10.7 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

600000

500000

400000

300000

200000

100000

0

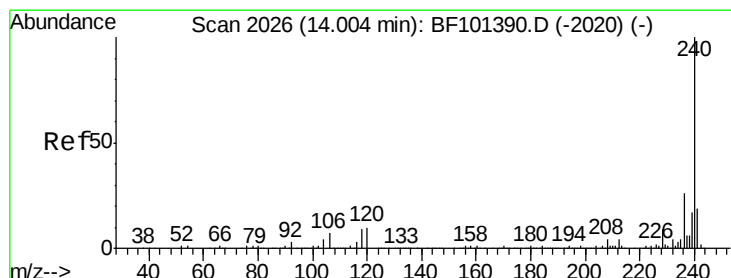
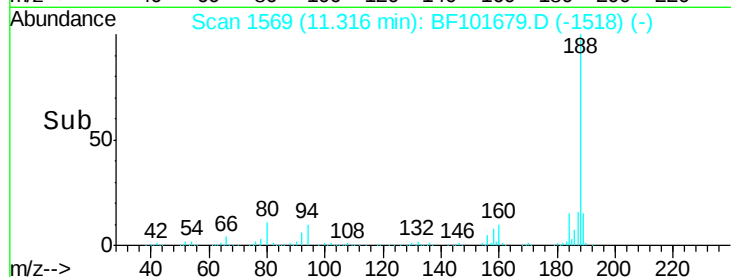
11.32

11.30

11.40

11.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

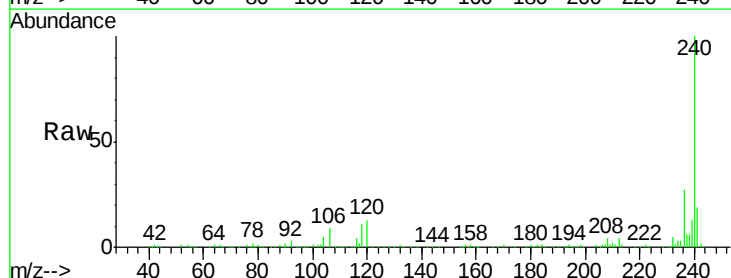
Tgt Ion:240 Resp: 293125

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

236 26.6 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

400000

300000

200000

100000

0

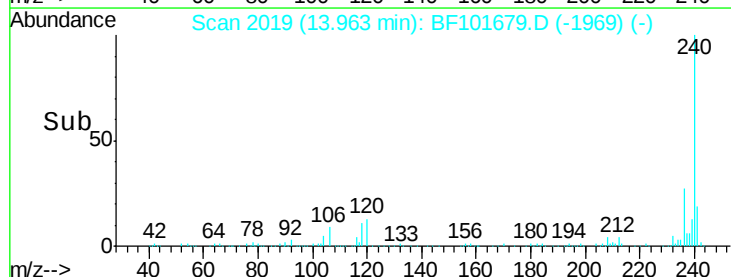
13.96

13.90

14.00

14.10

Time-->





#78

Terphenyl-d14

Concen: 105.053 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

Instrument :

BNA_F

ClientSampleId :

PB105250TB

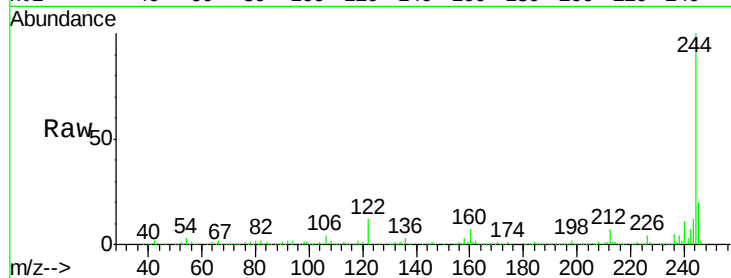
Tgt Ion:244 Resp: 1277342

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

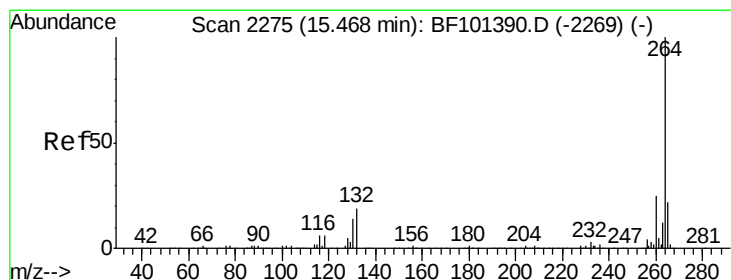
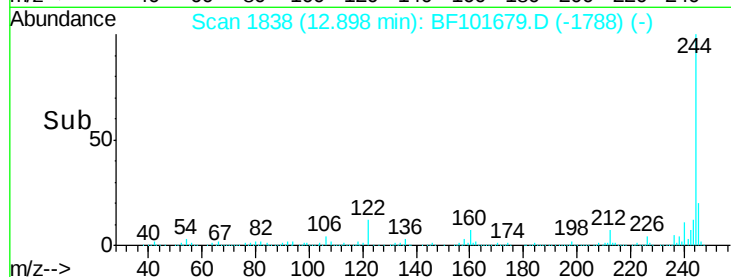
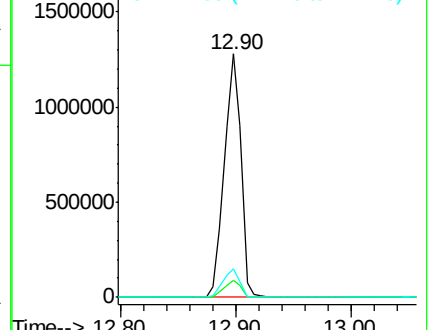
122 11.5 11.0 16.4



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. 0.00 min

Lab File: BF101679.D

Acq: 23 Dec 2017 4:07

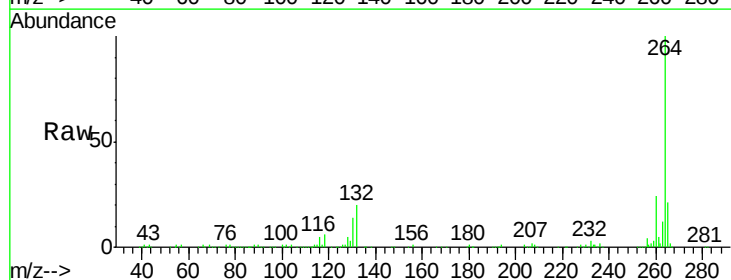
Tgt Ion:264 Resp: 259915

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.9 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

