

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101571.D
 Acq On : 20 Dec 2017 16:50
 Operator : SJ/JU
 Sample : I6682-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-A

Quant Time: Dec 21 04:13:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157400	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	629813	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	268385	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	447381	20.00	ng	0.00
75) Chrysene-d12	13.97	240	300745	20.00	ng	0.00
86) Perylene-d12	15.43	264	325275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1112788	105.31	ng	0.02
7) Phenol-d6	6.44	99	1236279	94.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	971640	85.88	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	307224	118.80	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1511362	87.36	ng	0.00
78) Terphenyl-d14	12.90	244	1164291	93.33	ng	0.00

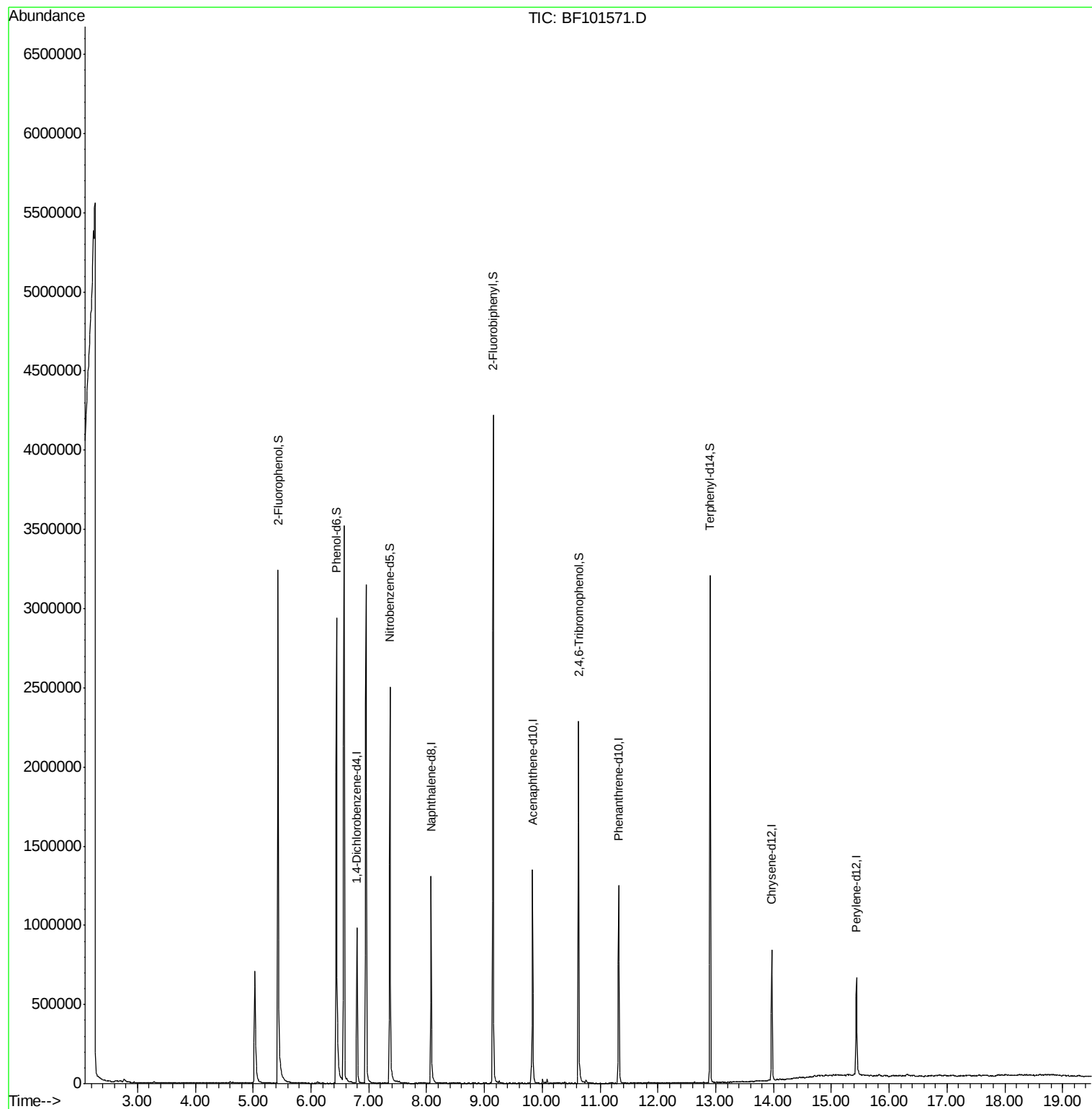
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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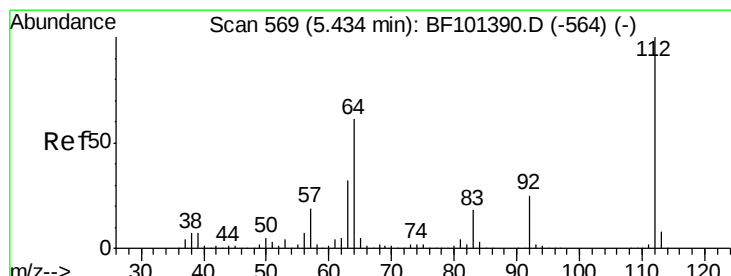
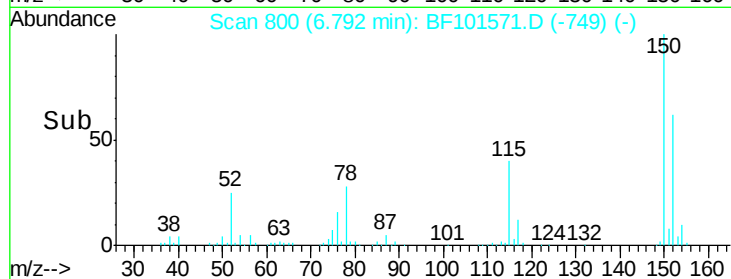
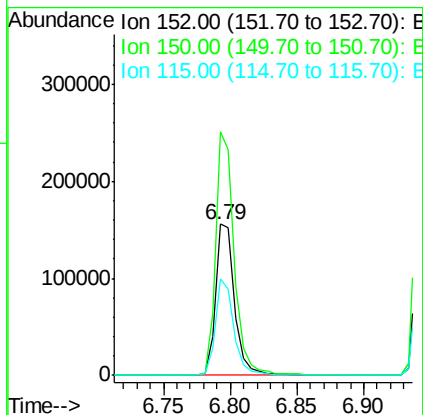
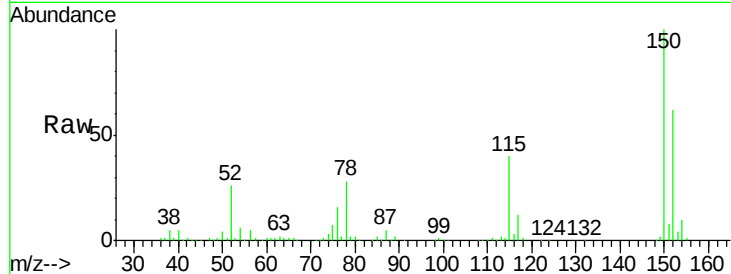


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101571.D
Acq: 20 Dec 2017 16:50

Instrument :
BNA_F
ClientSampleId :
NB-01-121817-A

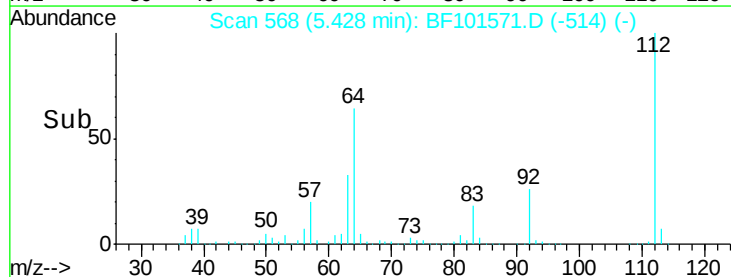
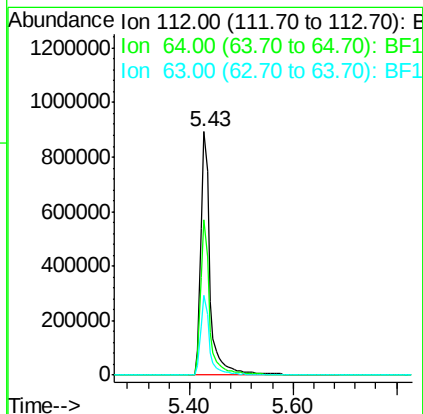
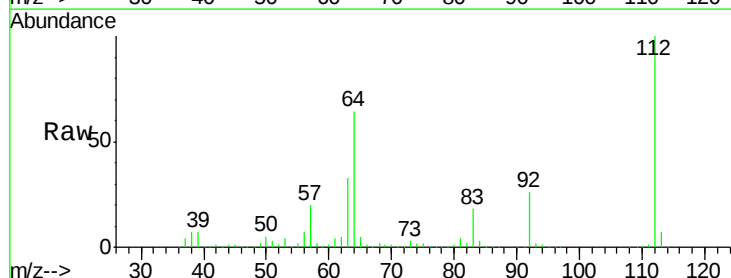
Tgt Ion:152 Resp: 157400
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 63.9 50.1 75.1

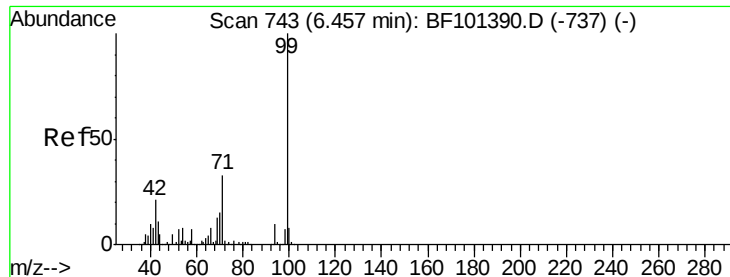


#5

2-Fluorophenol
Concen: 105.310 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101571.D
Acq: 20 Dec 2017 16:50

Tgt Ion:112 Resp: 1112788
Ion Ratio Lower Upper
112 100
64 63.9 47.9 71.9
63 32.8 23.7 35.5





#7

Phenol-d6

Concen: 94.008 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101571.D

Acq: 20 Dec 2017 16:50

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-A

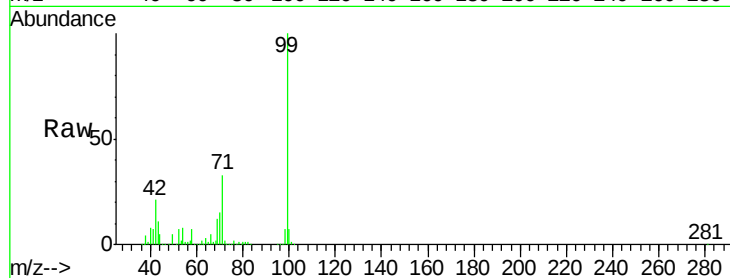
Tgt Ion: 99 Resp: 1236279

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

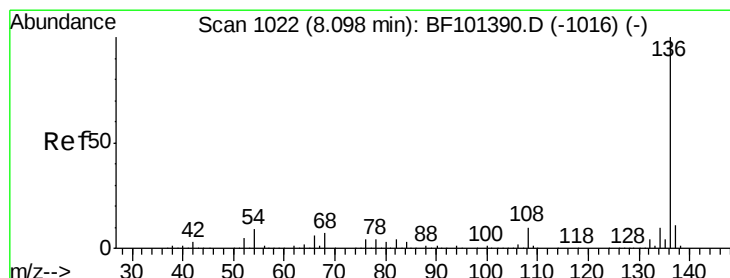
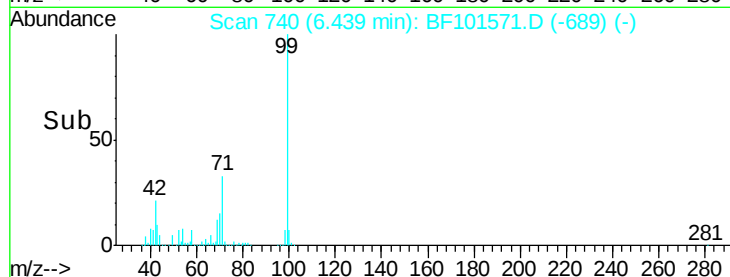
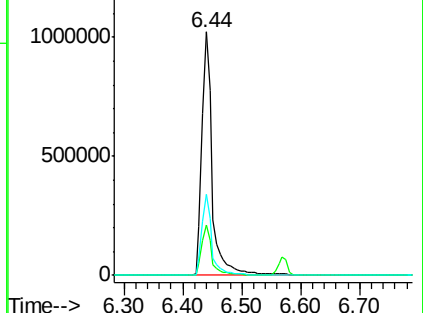
71 33.5 25.4 38.0



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: BF101571.D

Acq: 20 Dec 2017 16:50

Tgt Ion: 136 Resp: 629813

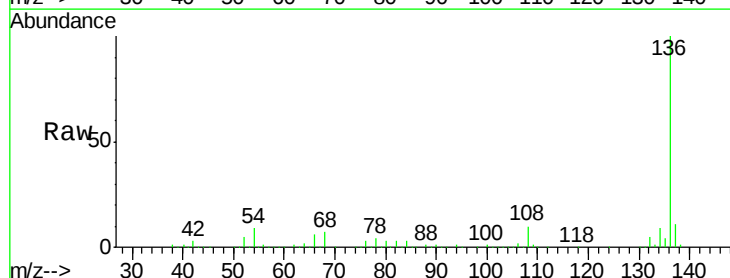
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.5 6.6 9.8

68 6.9 5.0 7.4

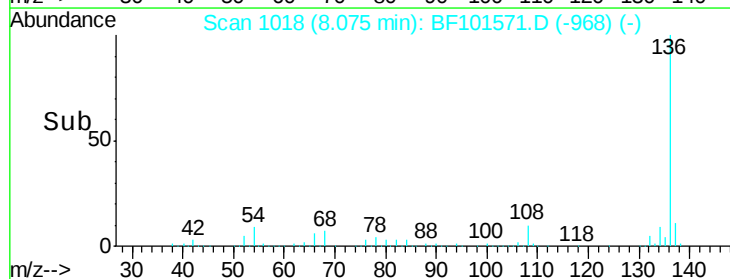
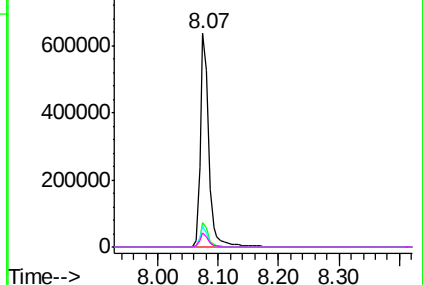


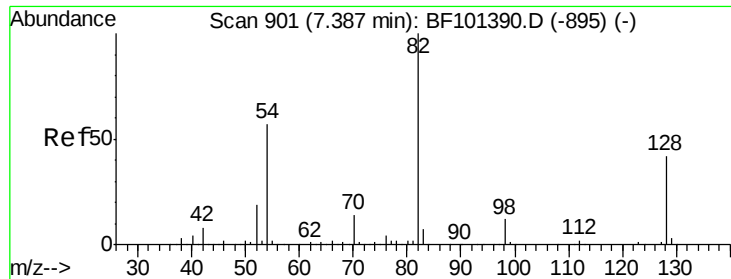
Abundance Ion 136.00 (135.70 to 136.70): E

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

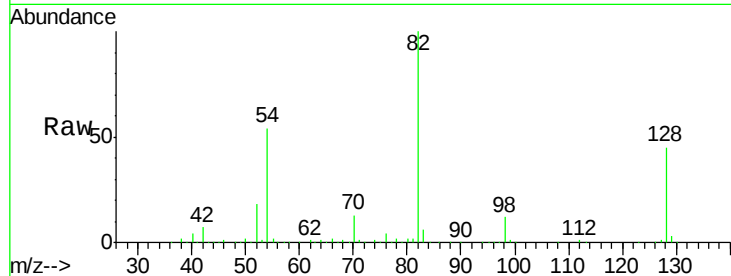




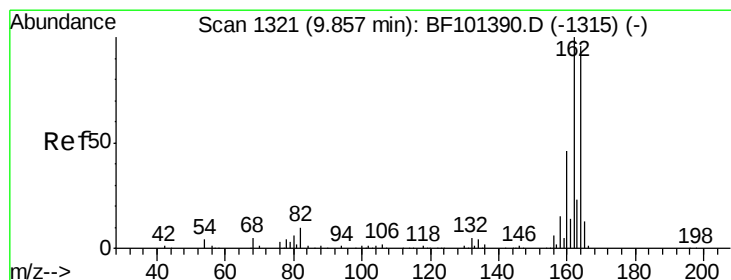
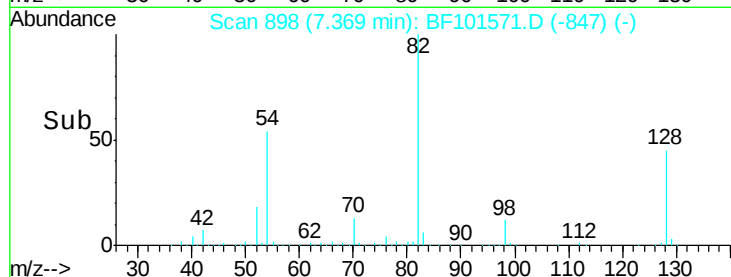
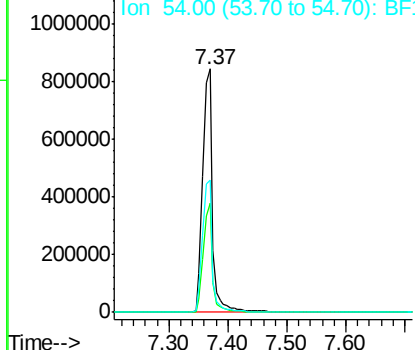
#23
 Nitrobenzene-d5
 Concen: 85.878 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF101571.D
 Acq: 20 Dec 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-A

Tgt Ion: 82 Resp: 971640
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 54.4 41.4 62.2

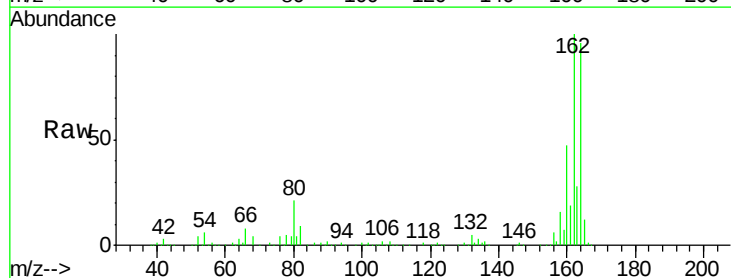


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

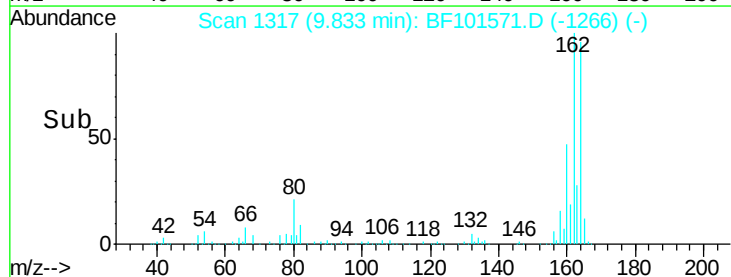
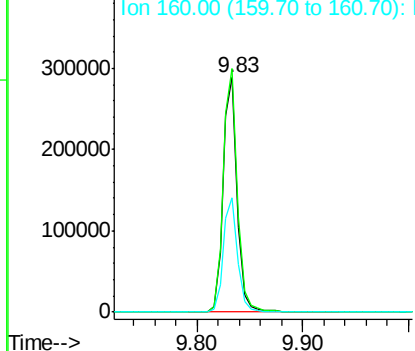


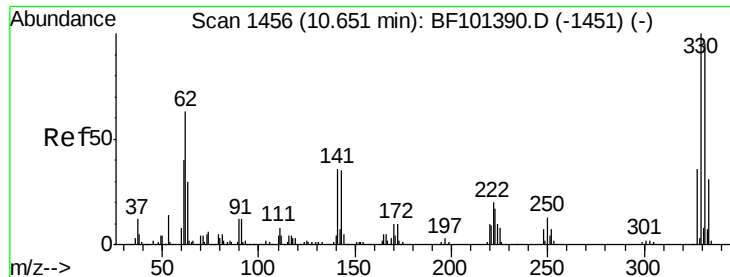
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101571.D
 Acq: 20 Dec 2017 16:50

Tgt Ion: 164 Resp: 268385
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 48.7 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

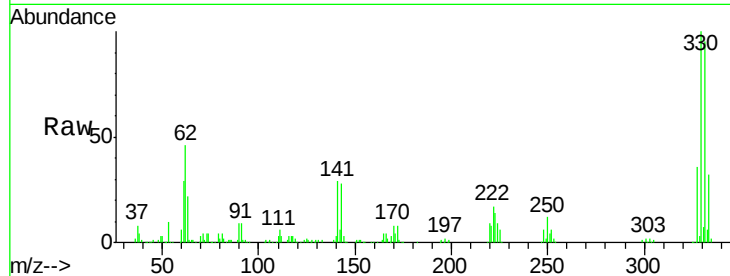




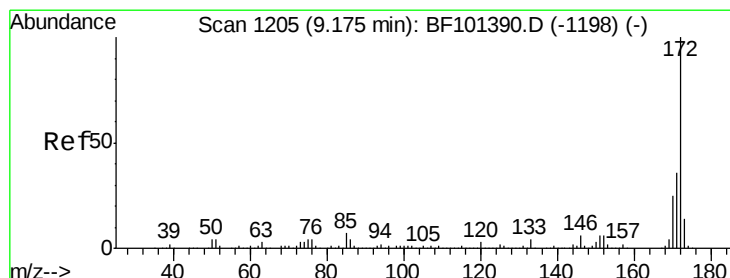
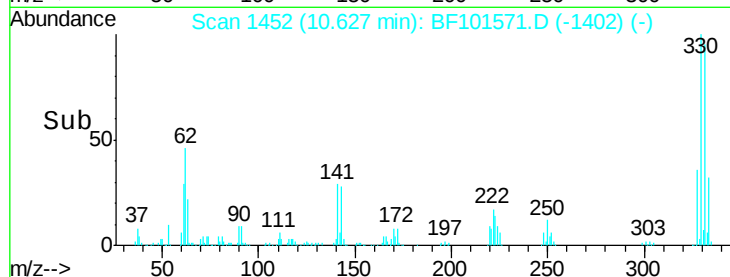
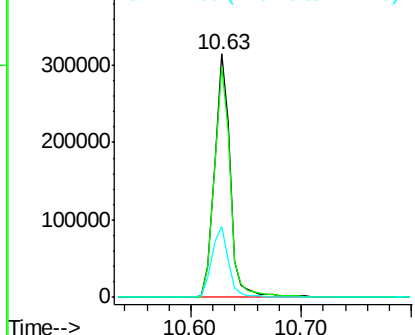
#41
 2,4,6-Tribromophenol
 Concen: 118.798 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101571.D
 Acq: 20 Dec 2017 16:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-121817-A

Tgt Ion:330 Resp: 307224
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 31.2 29.9 44.9

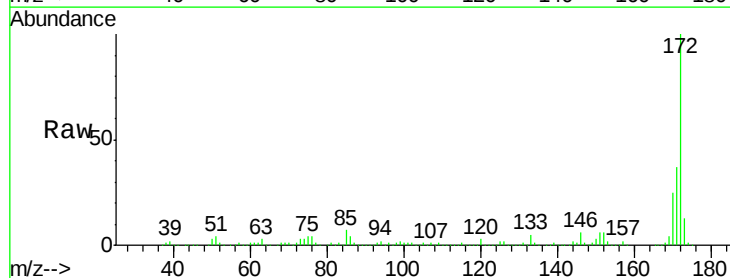


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

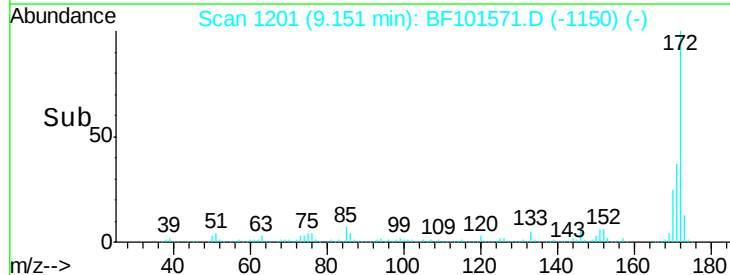
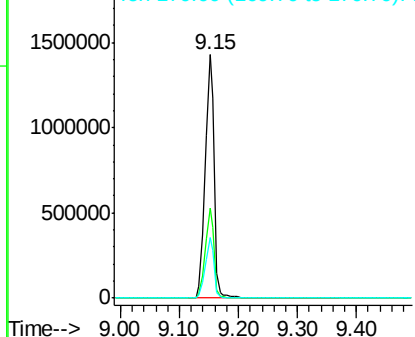


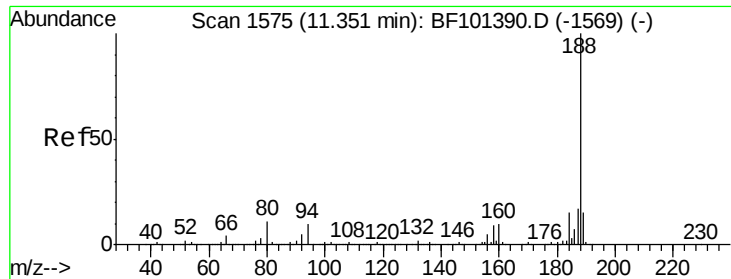
#44
 2-Fluorobiphenyl
 Concen: 87.355 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101571.D
 Acq: 20 Dec 2017 16:50

Tgt Ion:172 Resp: 1511362
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.7 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

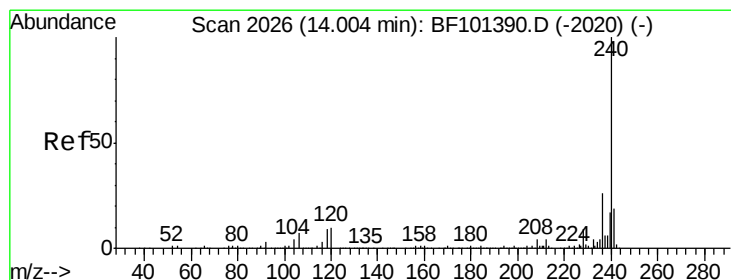
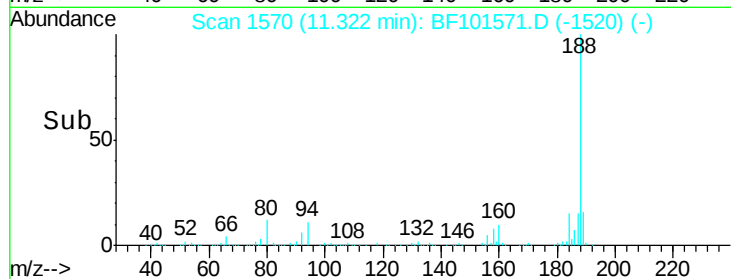
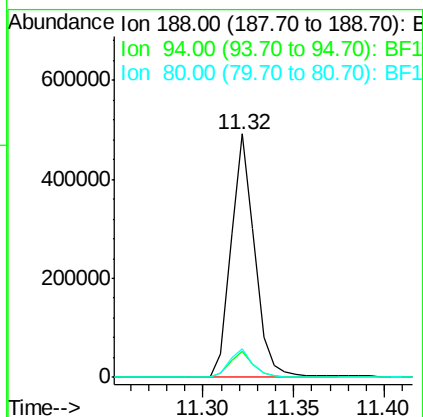
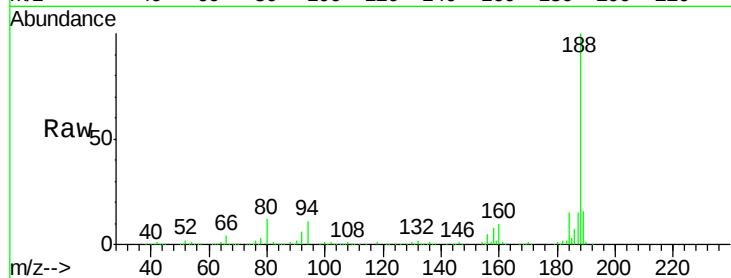




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101571.D
Acq: 20 Dec 2017 16:50

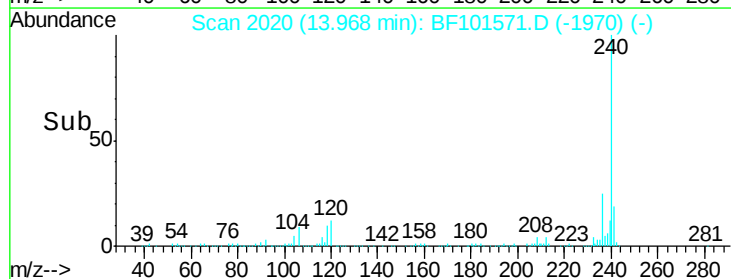
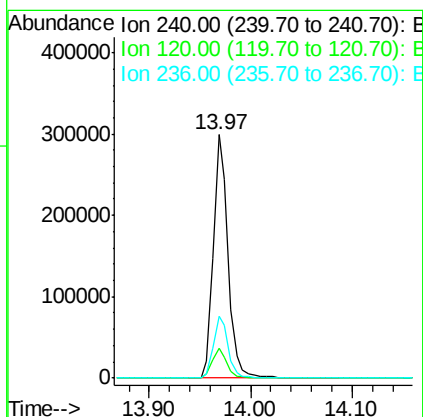
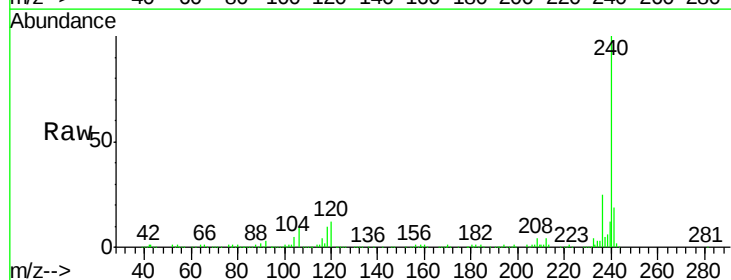
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BNA_F
ClientSampleId :
NB-01-121817-A

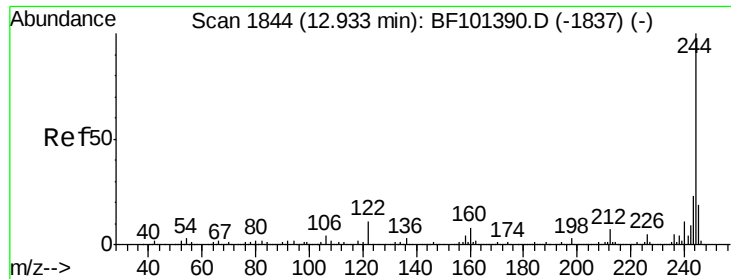
Tgt Ion:188 Resp: 447381
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101571.D
Acq: 20 Dec 2017 16:50

Tgt Ion:240 Resp: 300745
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 93.329 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101571.D

Acq: 20 Dec 2017 16:50

Instrument :

BNA_F

ClientSampleId :

NB-01-121817-A

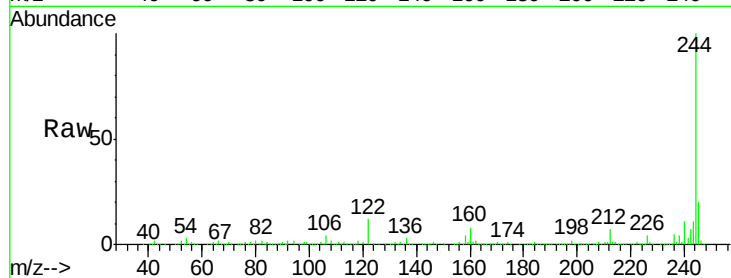
Tgt Ion:244 Resp: 1164291

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

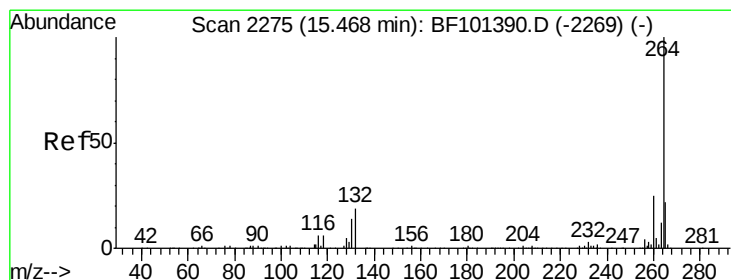
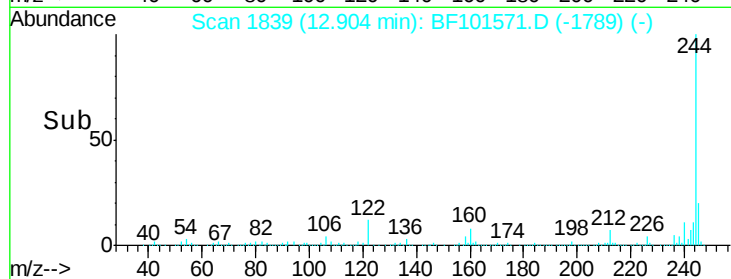
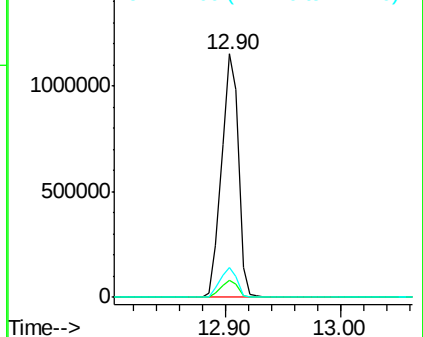
122 12.2 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101571.D

Acq: 20 Dec 2017 16:50

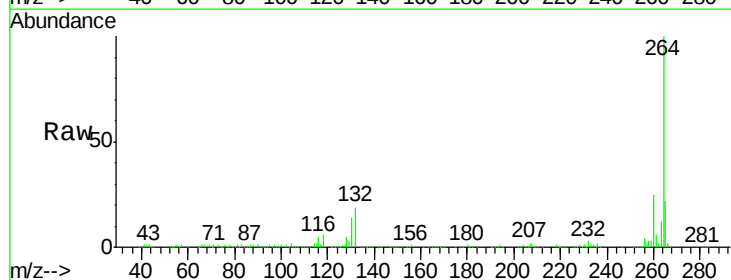
Tgt Ion:264 Resp: 325275

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.2 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

