

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091951.D
 Acq On : 24 Dec 2016 5:06
 Operator : UM/SJ
 Sample : H6205-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: Dec 24 05:33:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	241238	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	822566	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	417851	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	594735	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	414222	20.00	ng	-0.02
86) Perylene-d12	15.29	264	387403	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1036318	71.73	ng	0.02
7) Phenol-d6	6.42	99	832823	47.21	ng	0.01
23) Nitrobenzene-d5	7.31	82	1393913	94.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	415277	120.09	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2088664	105.53	ng	-0.01
78) Terphenyl-d14	12.84	244	1486472	87.03	ng	-0.01

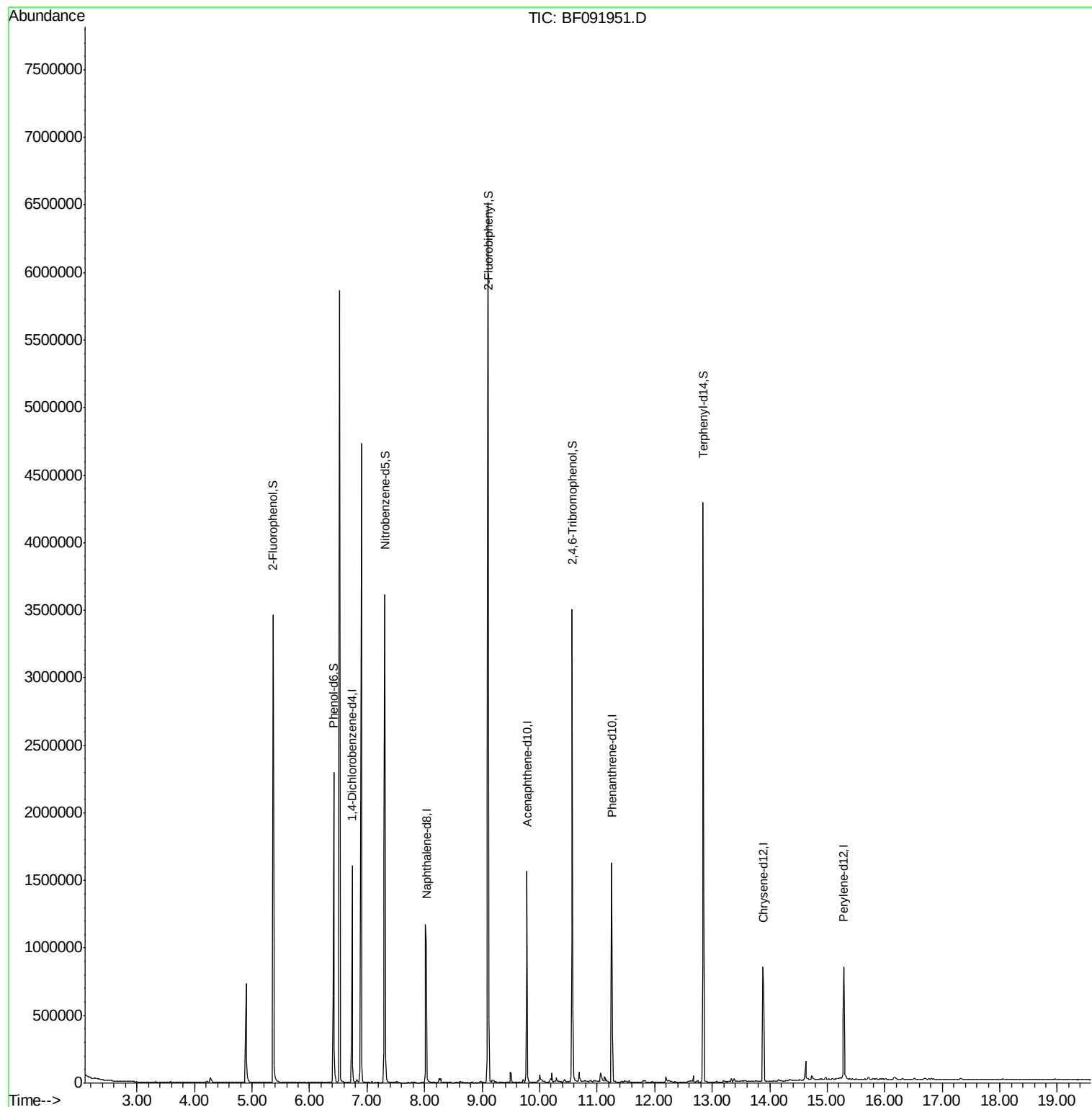
Target Compounds Qvalue

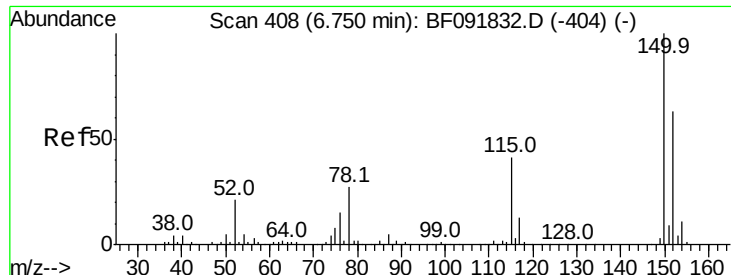
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091951.D

Acq: 24 Dec 2016 5:06

Instrument :

BNA_F

ClientSampleId :

W-14

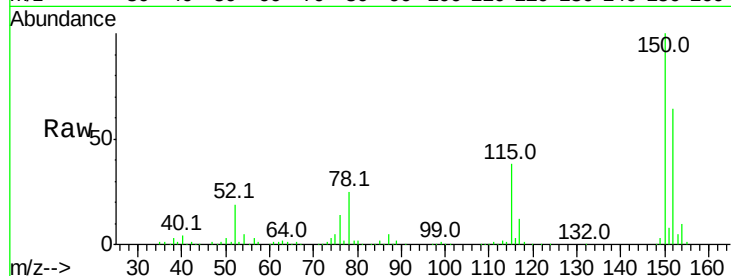
Tot Ion:152 Resp: 241238

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

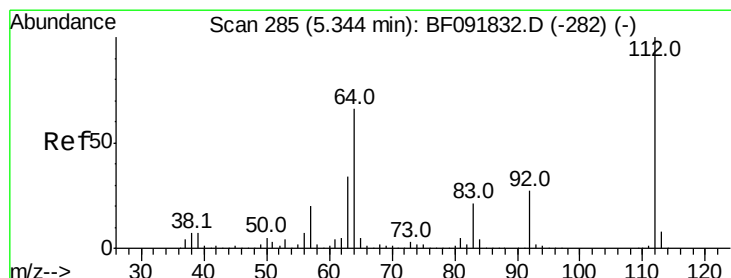
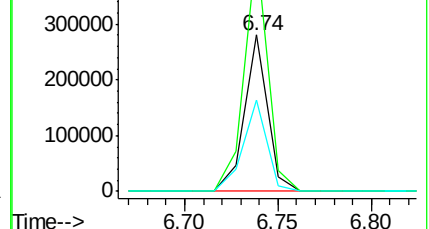
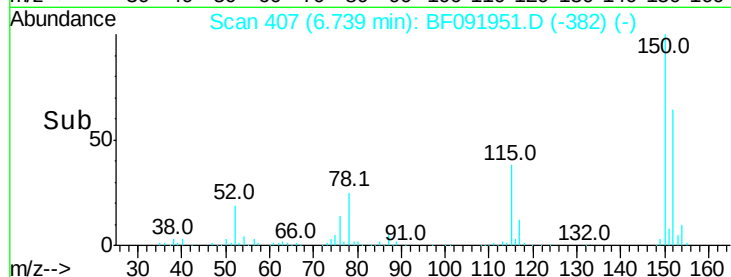
115 58.6 46.0 69.0



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: 71.73 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091951.D

Acq: 24 Dec 2016 5:06

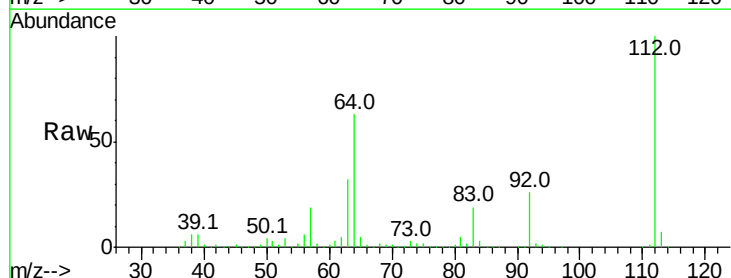
Tgt Ion:112 Resp: 1036318

Ion Ratio Lower Upper

112 100

64 63.2 46.1 69.1

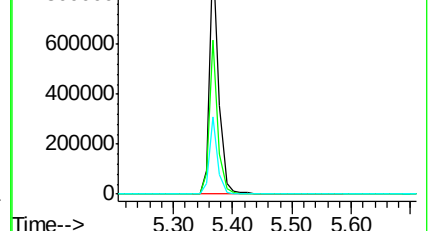
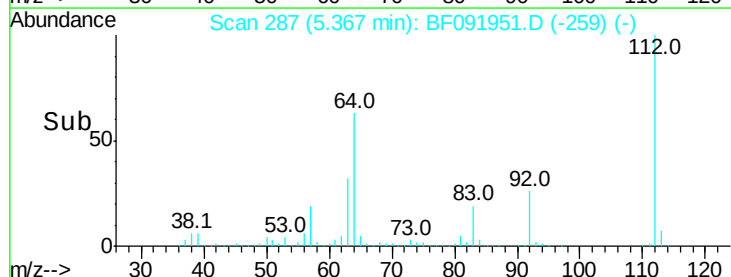
63 31.9 23.8 35.6

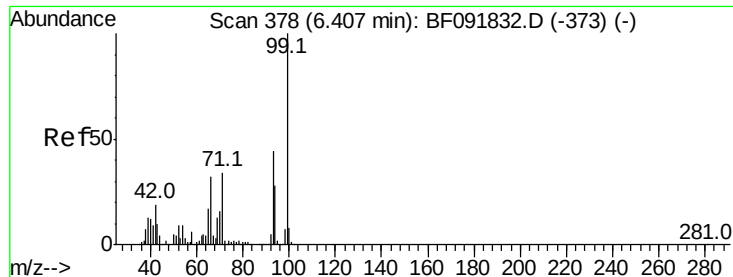


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.21 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091951.D

Acq: 24 Dec 2016 5:06

Instrument :

BNA_F

ClientSampled :

W-14

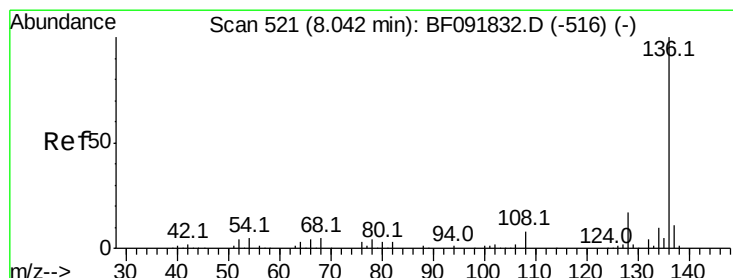
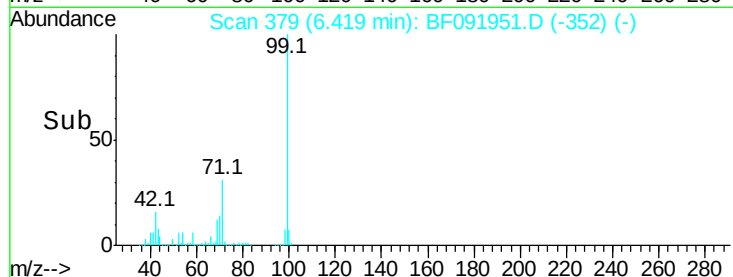
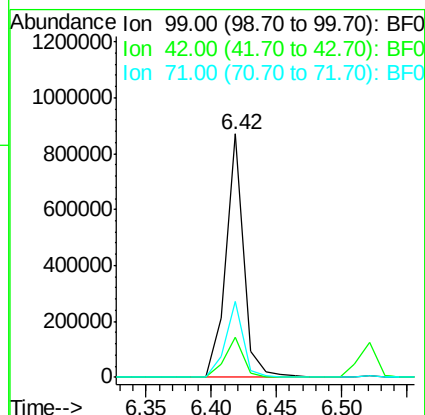
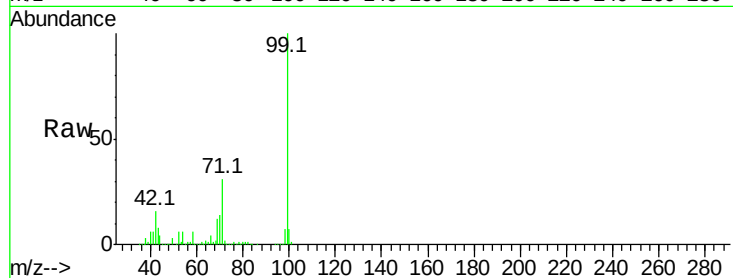
Tot Ion: 99 Resp: 832823

Ion Ratio Lower Upper

99 100

42 16.3 15.6 23.4

71 31.3 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091951.D

Acq: 24 Dec 2016 5:06

Tgt Ion: 136 Resp: 822566

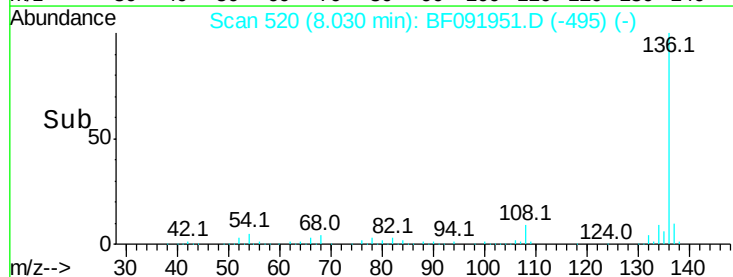
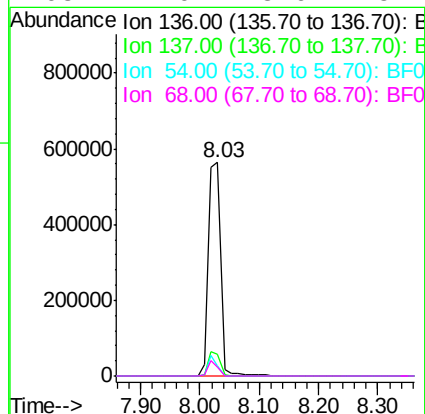
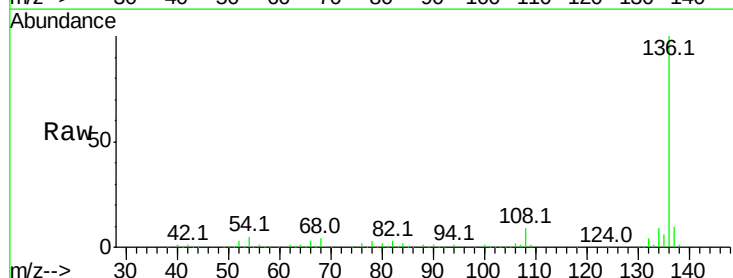
Ion Ratio Lower Upper

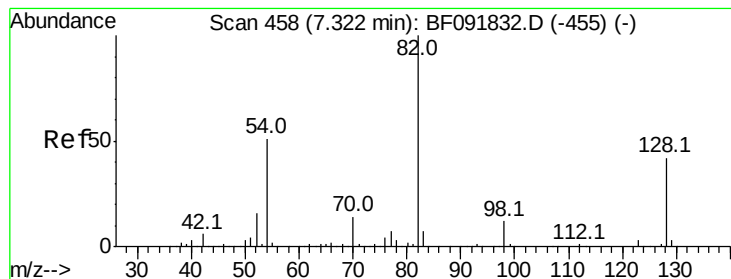
136 100

137 10.5 8.4 12.6

54 5.0 4.5 6.7

68 4.0 3.6 5.4





#23

Nitrobenzene-d5

Concen: 94.23 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091951.D

Acq: 24 Dec 2016 5:06

Instrument :

BNA_F

ClientSampleId :

W-14

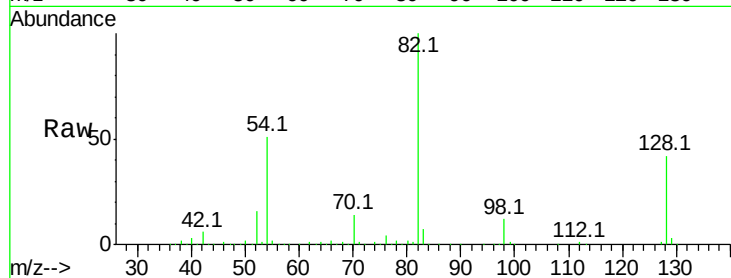
Tot Ion: 82 Resp: 1393913

Ion Ratio Lower Upper

82 100

128 41.9 34.6 52.0

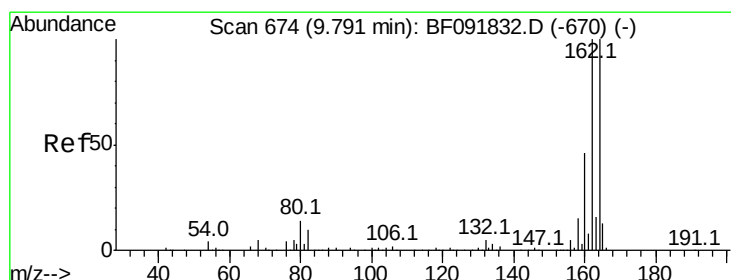
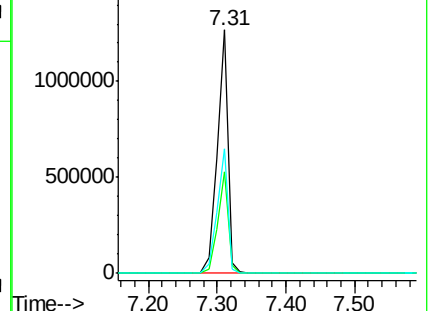
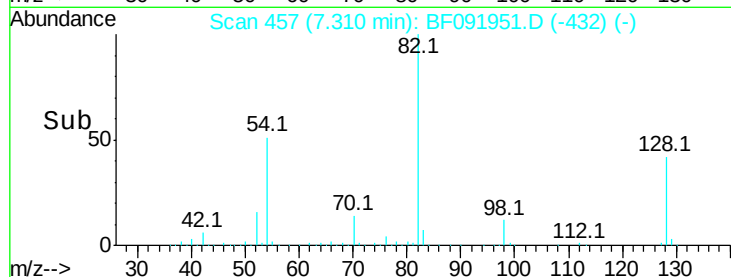
54 51.0 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091951.D

Acq: 24 Dec 2016 5:06

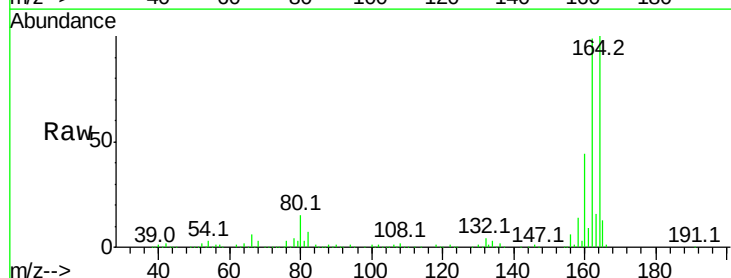
Tgt Ion:164 Resp: 417851

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.2

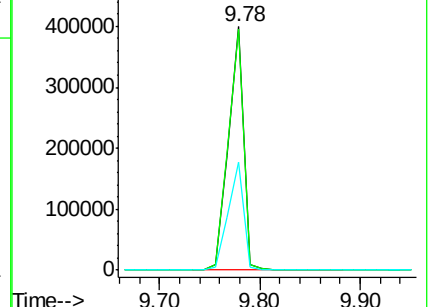
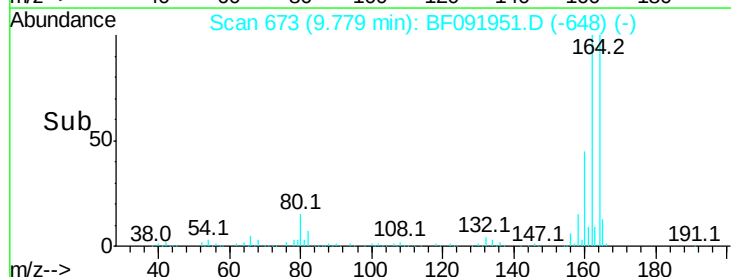
160 44.4 36.9 55.3

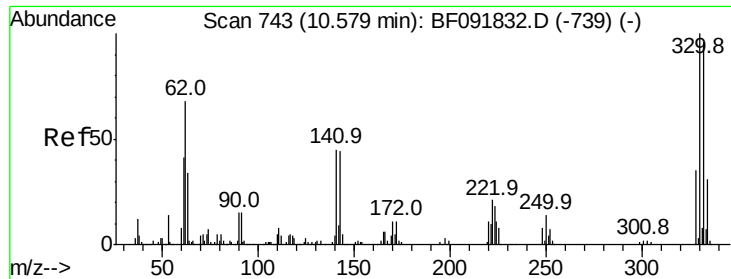


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

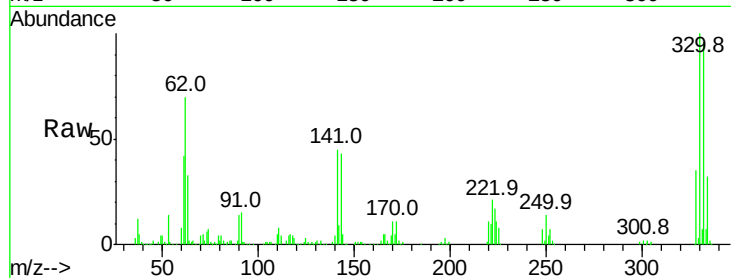




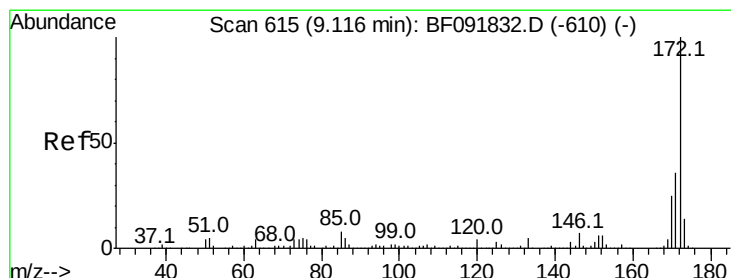
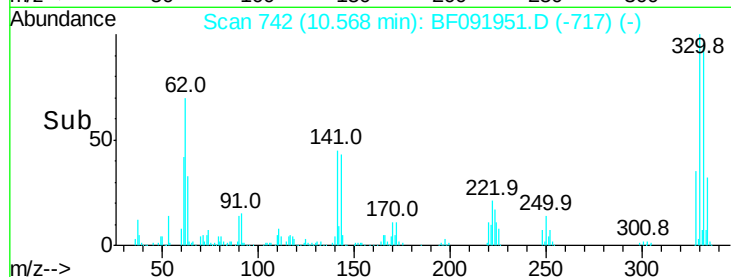
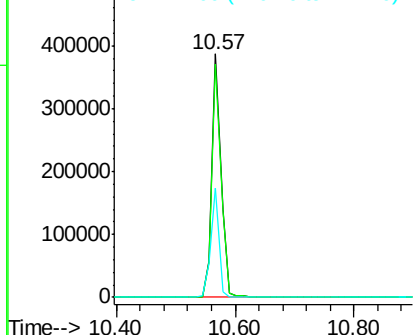
#41
 2,4,6-Tribromophenol
 Concen: 120.09 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091951.D
 Acq: 24 Dec 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tot Ion:330 Resp: 415277
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 40.2 34.1 51.1

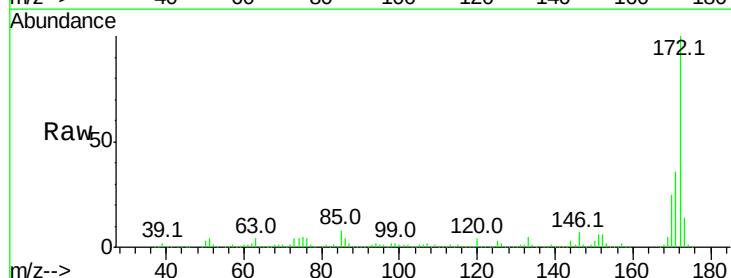


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

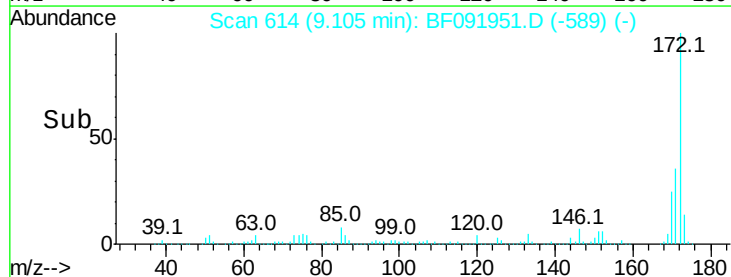
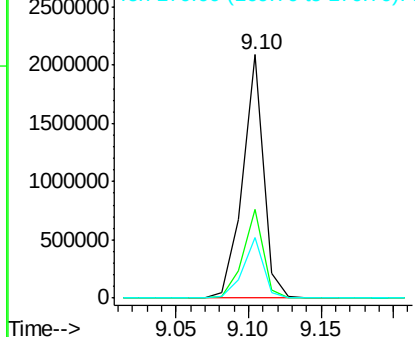


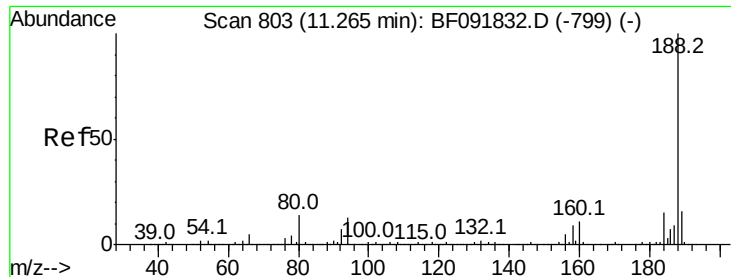
#44
 2-Fluorobiphenyl
 Concen: 105.53 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091951.D
 Acq: 24 Dec 2016 5:06

Tgt Ion:172 Resp: 2088664
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.8 20.2 30.4



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

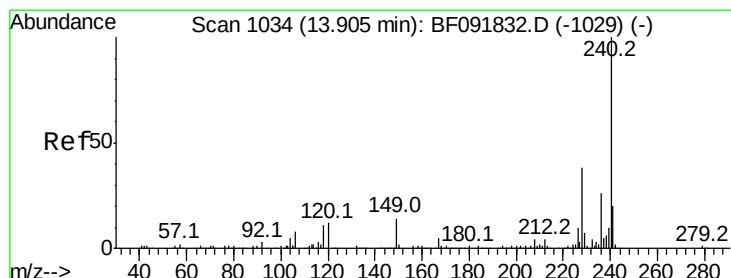
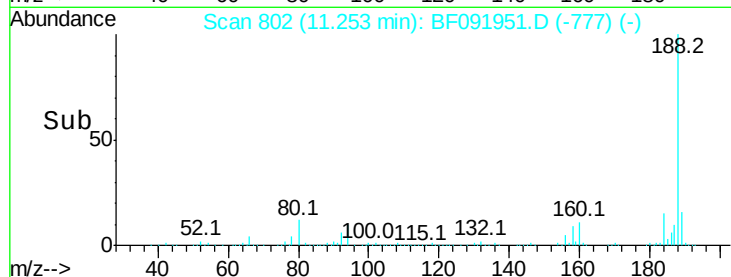
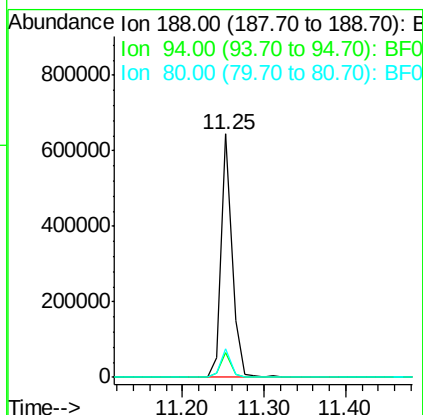
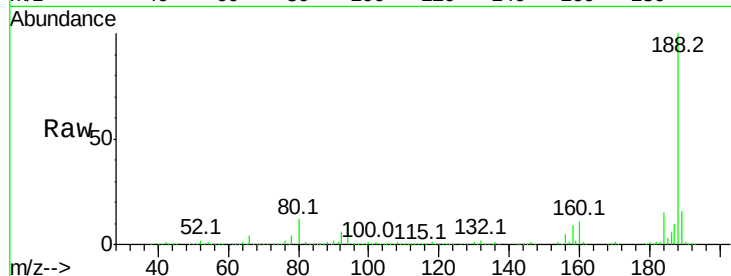




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091951.D
Acq: 24 Dec 2016 5:06

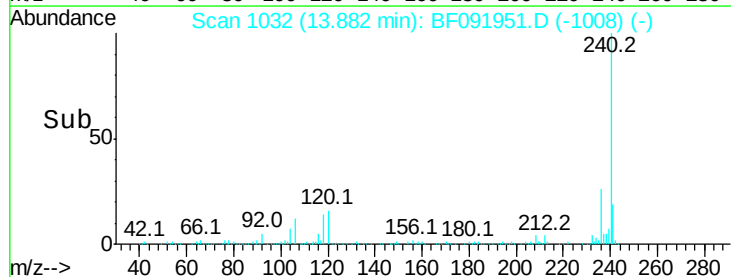
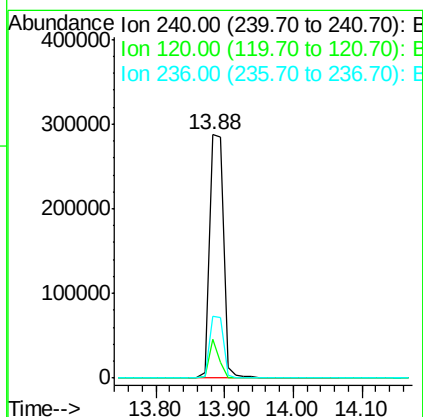
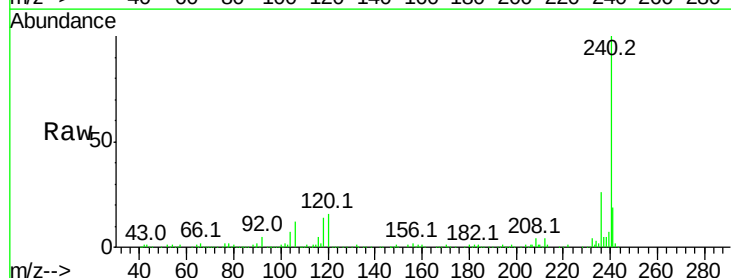
Instrument :
BNA_F
ClientSampleId :
W-14

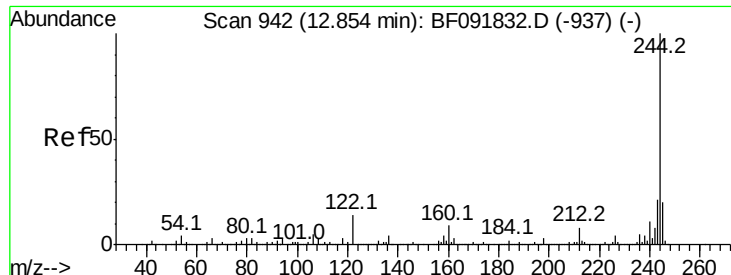
Tot Ion:188 Resp: 594735
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 12.0 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091951.D
Acq: 24 Dec 2016 5:06

Tgt Ion:240 Resp: 414222
Ion Ratio Lower Upper
240 100
120 15.9 12.9 19.3
236 25.6 20.9 31.3

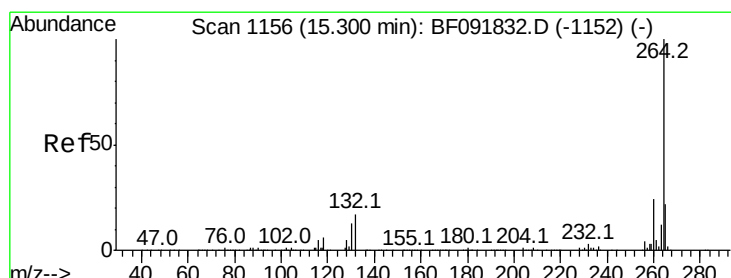
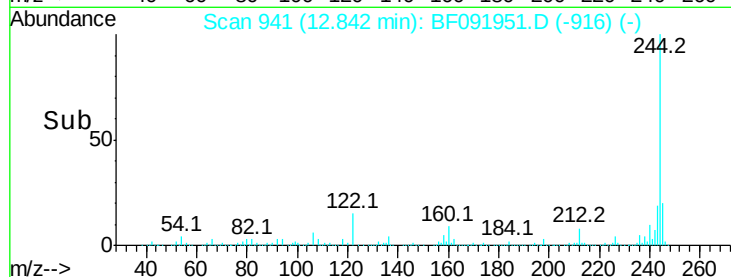
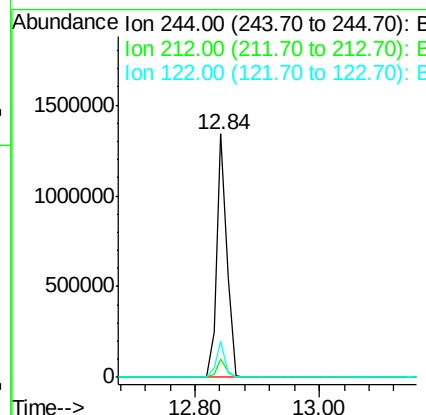
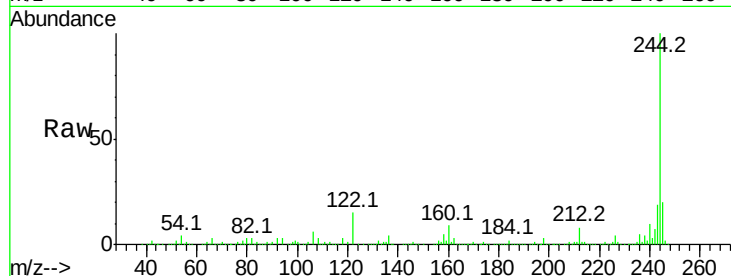




#78
 Terphenyl-d14
 Concen: 87.03 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091951.D
 Acq: 24 Dec 2016 5:06

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tot Ion:244 Resp: 1486472
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091951.D
 Acq: 24 Dec 2016 5:06

Tgt Ion:264 Resp: 387403
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.0

