

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097472.D
 Acq On : 8 Aug 2017 16:30
 Operator : SJ/JU
 Sample : I4610-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-E

Quant Time: Aug 08 18:03:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	97049	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	395483	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	185250	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	298058	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	230727	20.00	ng	-0.01
86) Perylene-d12	14.86	264	161280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	896787	139.30	ng	0.01
7) Phenol-d6	6.08	99	984507	133.96	ng	0.00
23) Nitrobenzene-d5	6.97	82	623079	92.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	207772	141.95	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1055738	96.72	ng	0.00
78) Terphenyl-d14	12.49	244	822922	72.72	ng	0.00

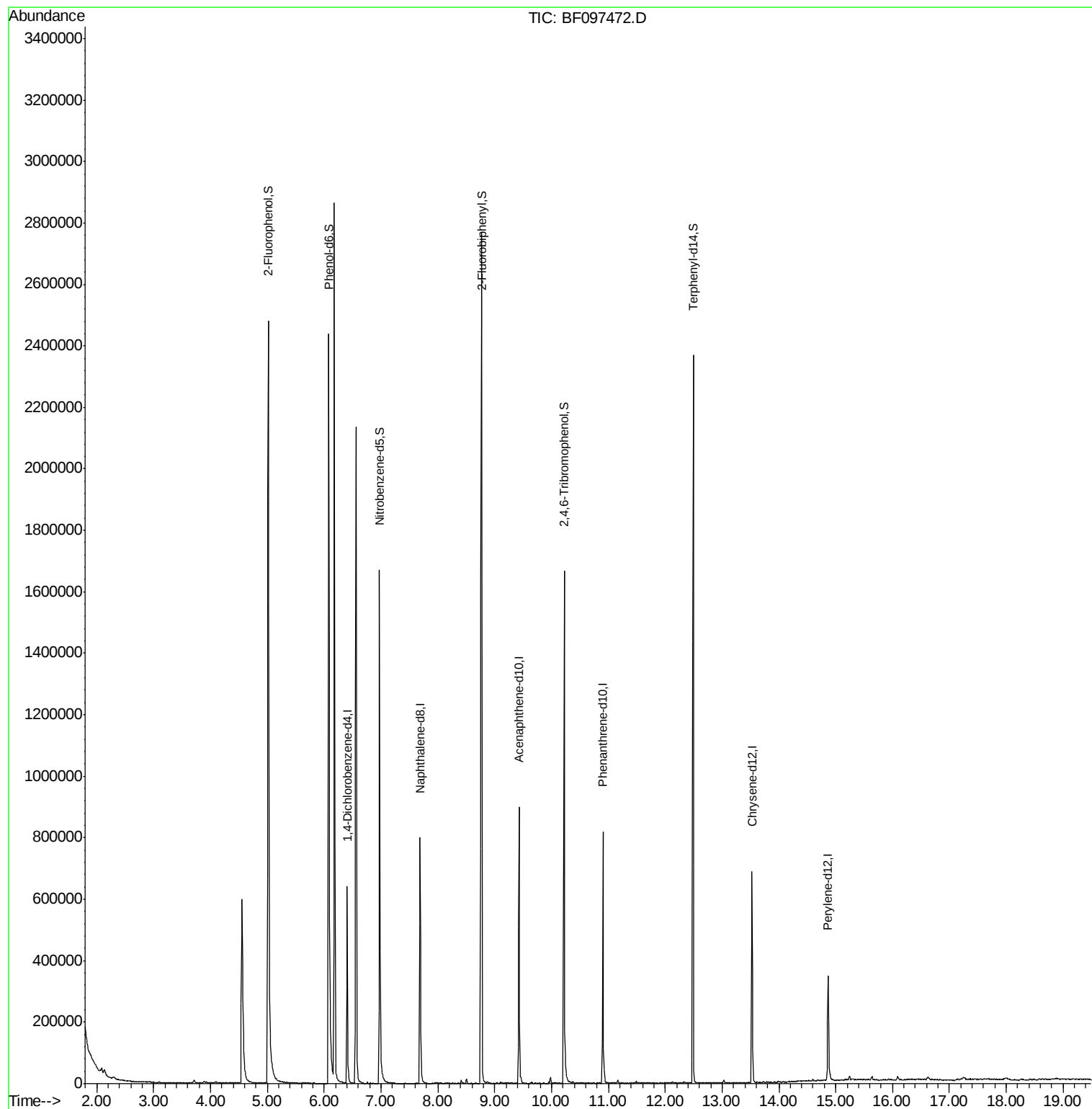
Target Compounds Qvalue

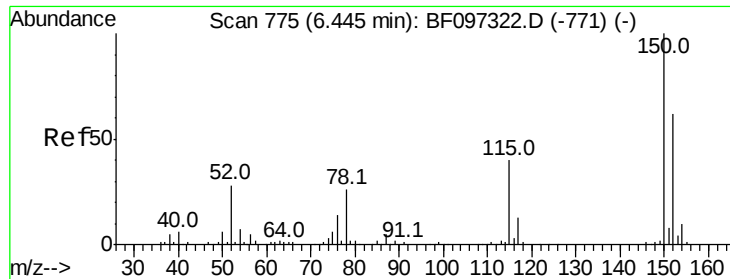
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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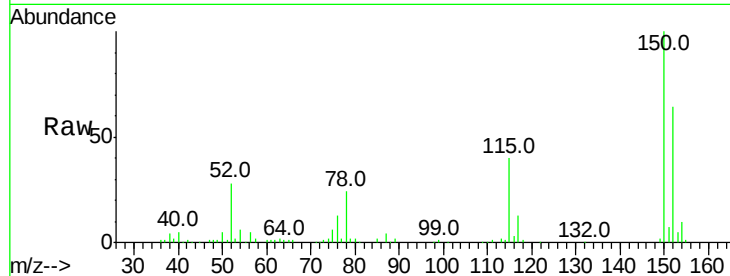


#1

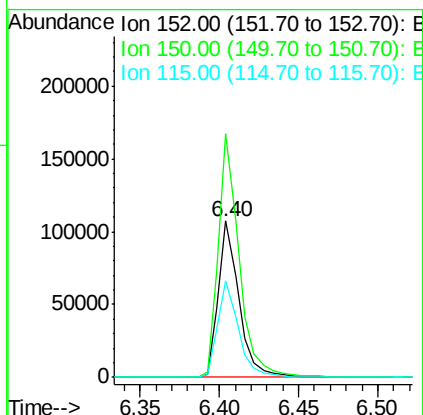
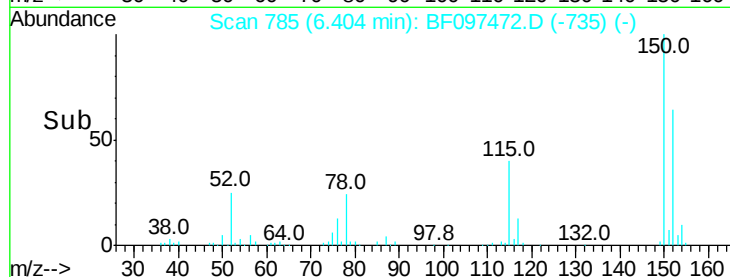
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-E

Tot Ion:152 Resp: 97049
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 62.0 52.2 78.2



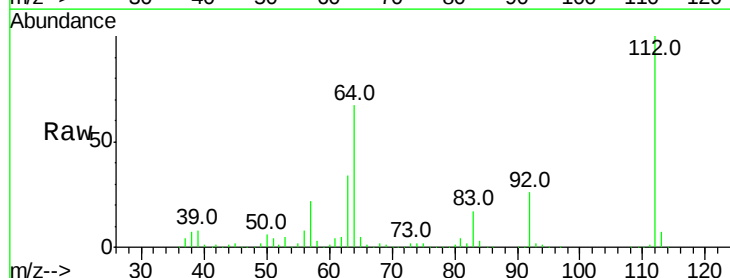
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



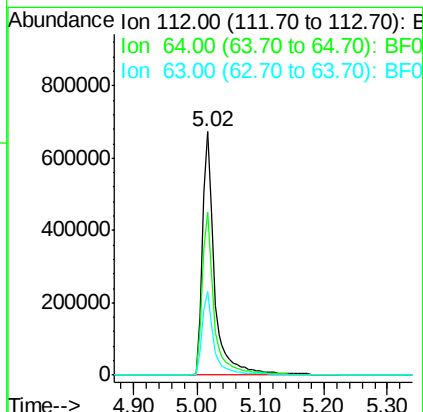
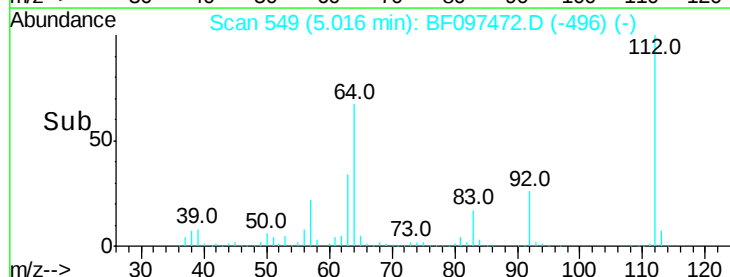
#5

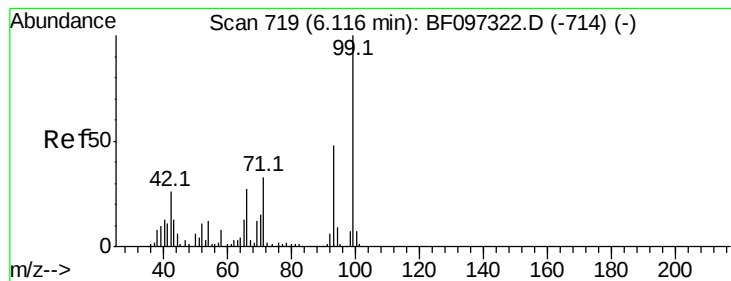
2-Fluorophenol
Concen: 139.300 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097472.D
Acq: 8 Aug 2017 16:30

Tgt Ion:112 Resp: 896787
Ion Ratio Lower Upper
112 100
64 66.9 46.0 69.0
63 34.4 23.4 35.0



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: 133.955 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097472.D

Acq: 8 Aug 2017 16:30

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-E

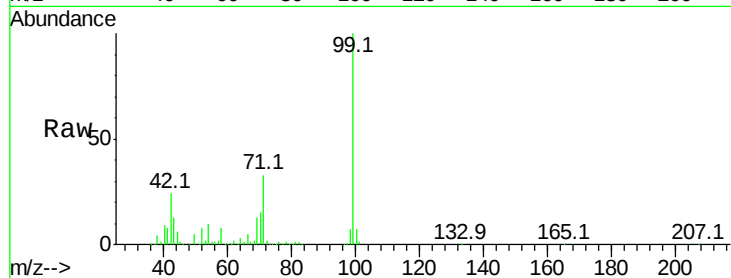
Tot Ion: 99 Resp: 984507

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

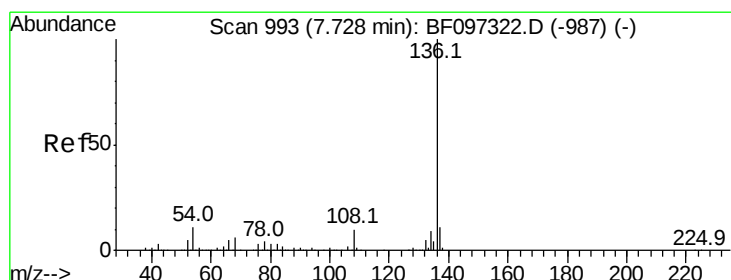
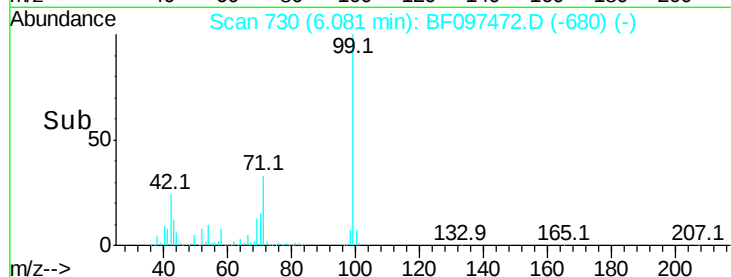
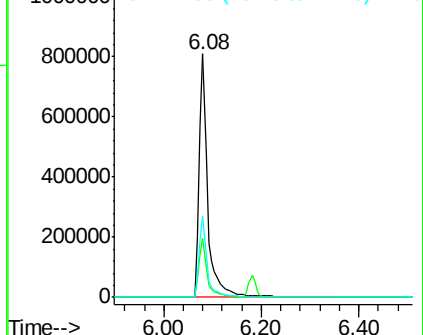
71 33.1 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097472.D

Acq: 8 Aug 2017 16:30

Tgt Ion: 136 Resp: 395483

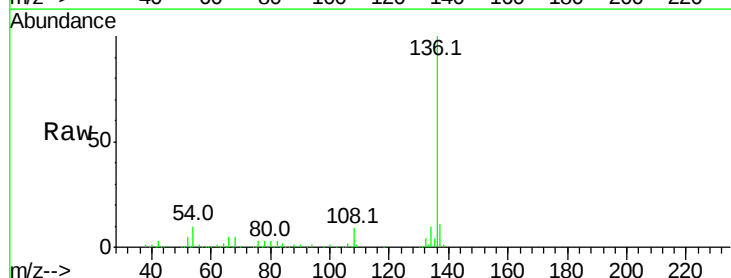
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.2 4.9 7.3#

68 5.4 4.1 6.1

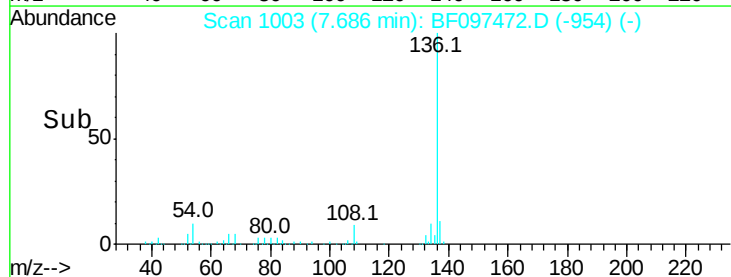
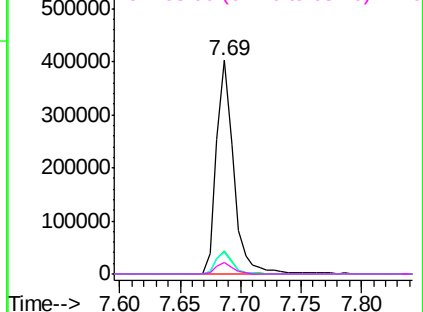


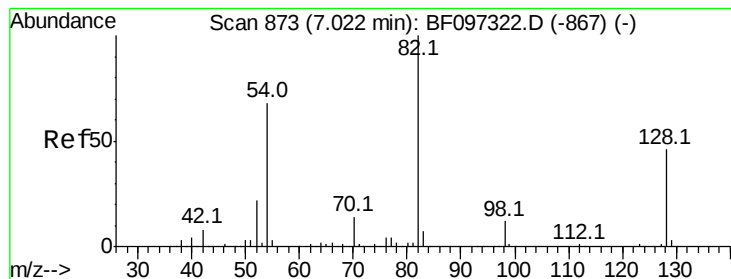
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 92.424 ng

RT: 6.97 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF097472.D

Acq: 8 Aug 2017 16:30

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-E

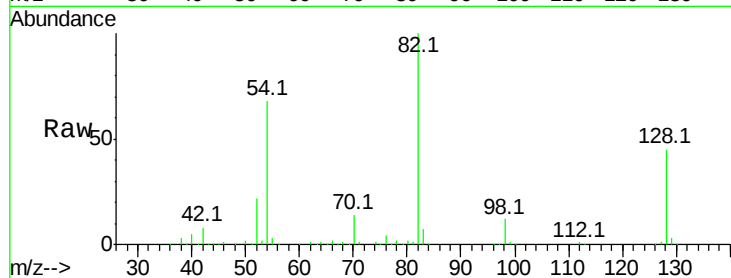
Tot Ion: 82 Resp: 623079

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

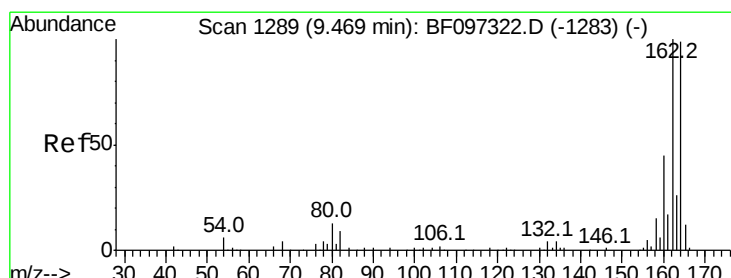
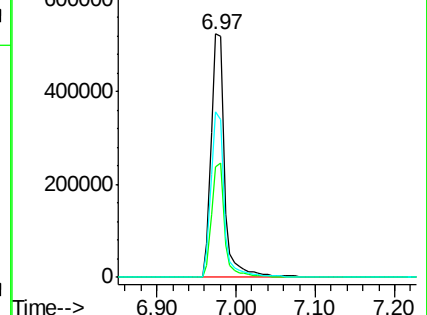
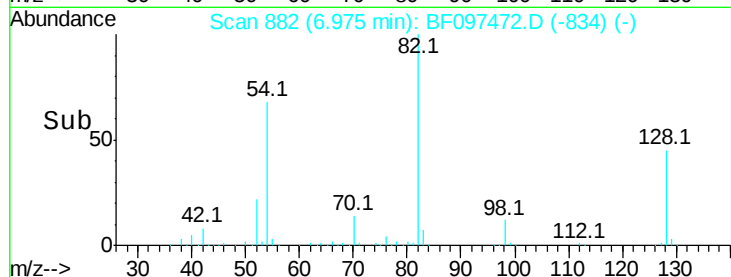
54 68.3 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF097472.D

Acq: 8 Aug 2017 16:30

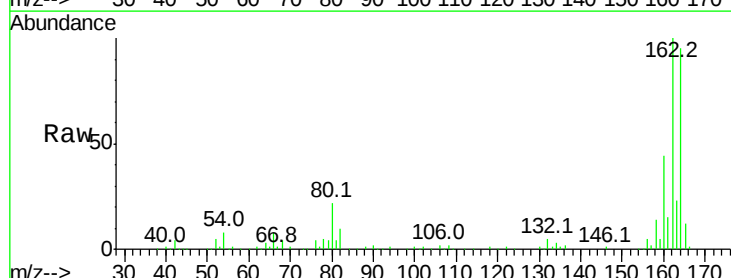
Tgt Ion:164 Resp: 185250

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

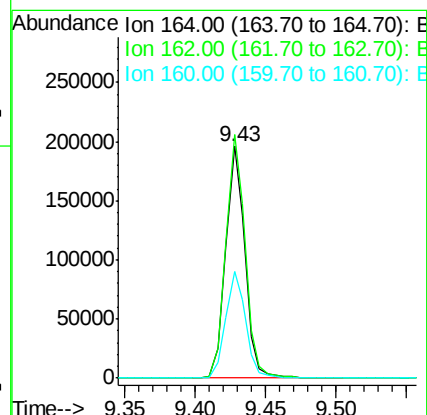
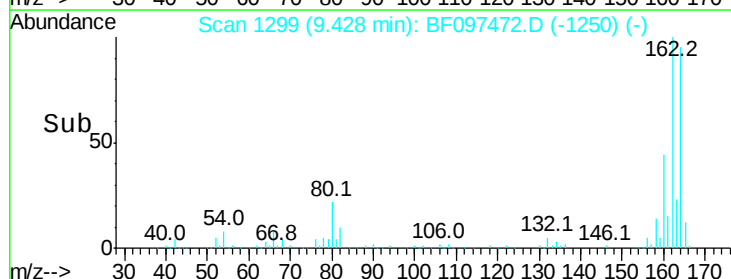
160 45.9 36.2 54.2



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

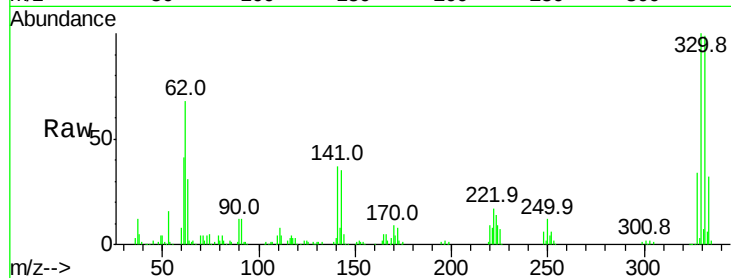




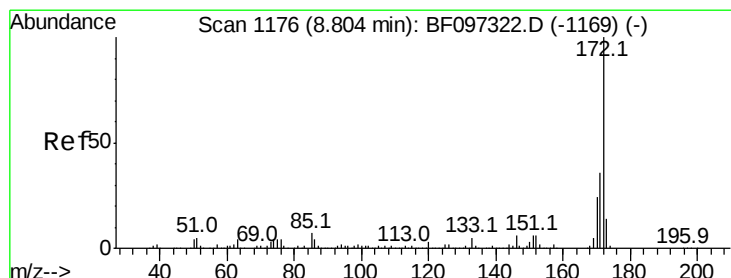
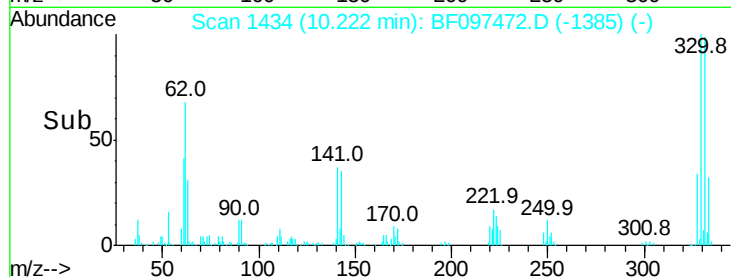
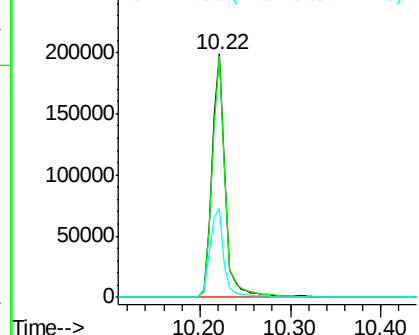
#41
 2,4,6-Tribromophenol
 Concen: 141.954 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097472.D
 Acq: 8 Aug 2017 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-E

Tot Ion:330 Resp: 207772
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 39.4 31.4 47.2

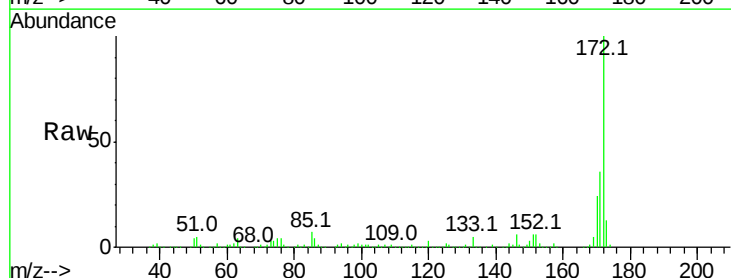


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

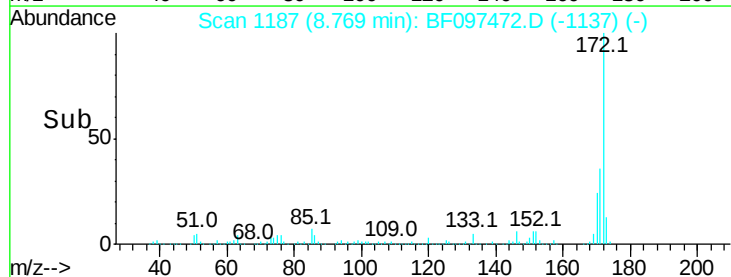
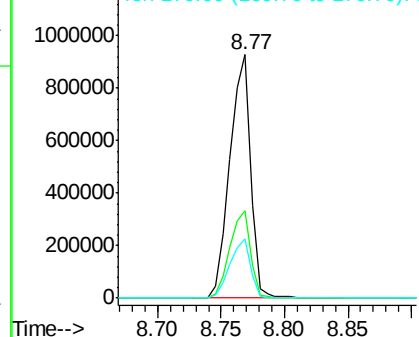


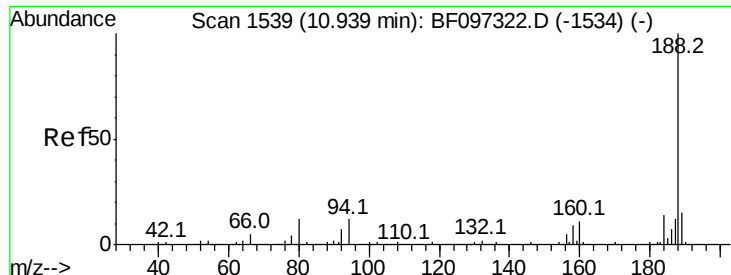
#44
 2-Fluorobiphenyl
 Concen: 96.717 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097472.D
 Acq: 8 Aug 2017 16:30

Tgt Ion:172 Resp: 1055738
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.4 19.8 29.8



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

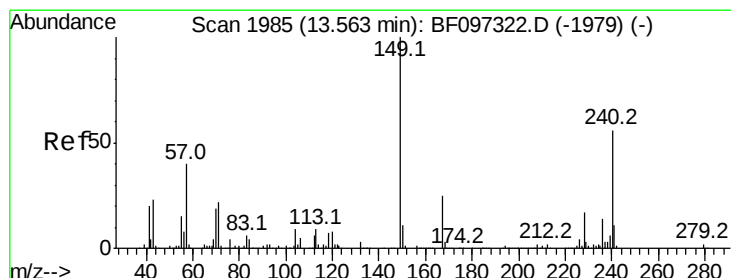
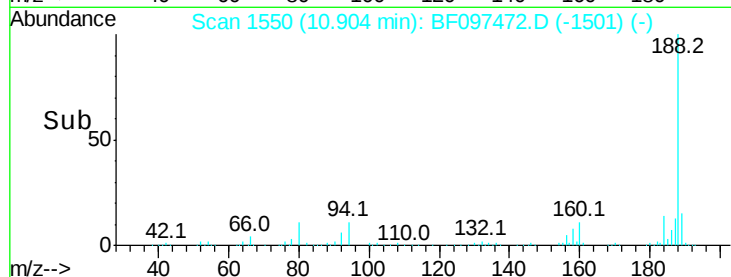
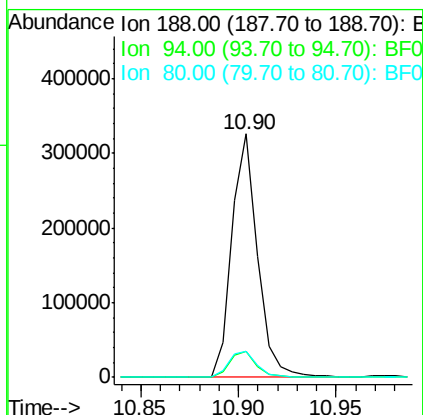
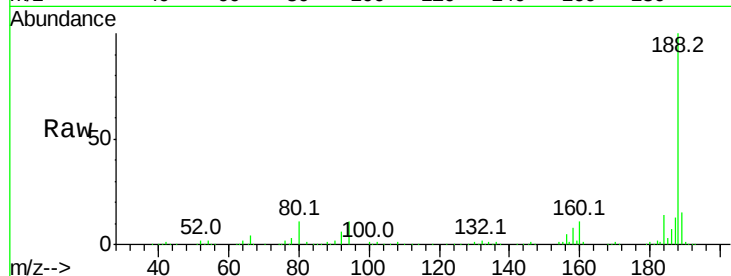




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF097472.D
 Acq: 8 Aug 2017 16:30

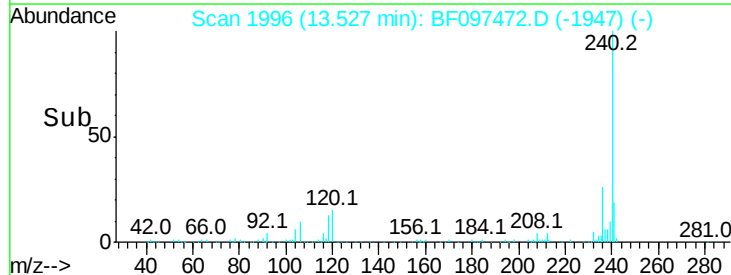
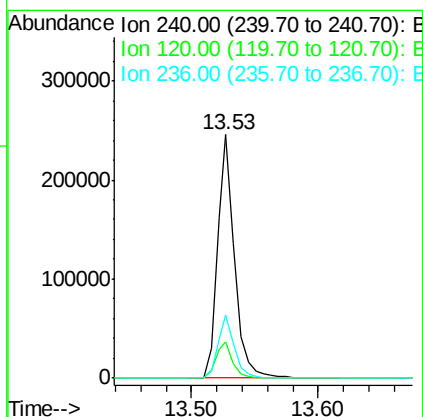
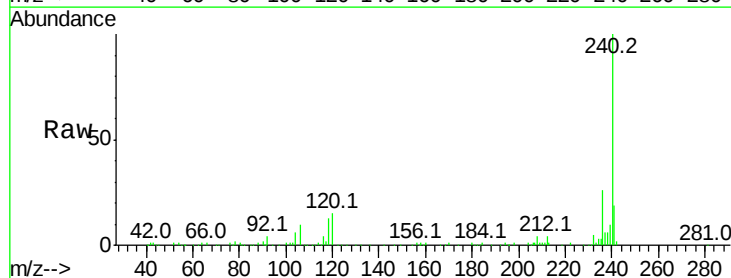
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-E

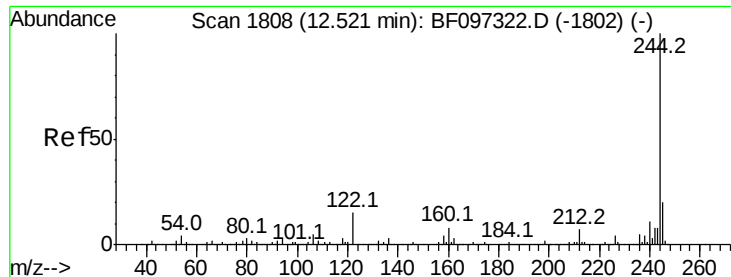
Tot Ion:188 Resp: 298058
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 10.9 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097472.D
 Acq: 8 Aug 2017 16:30

Tgt Ion:240 Resp: 230727
 Ion Ratio Lower Upper
 240 100
 120 15.1 5.8 8.8#
 236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 72.719 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097472.D

Acq: 8 Aug 2017 16:30

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-E

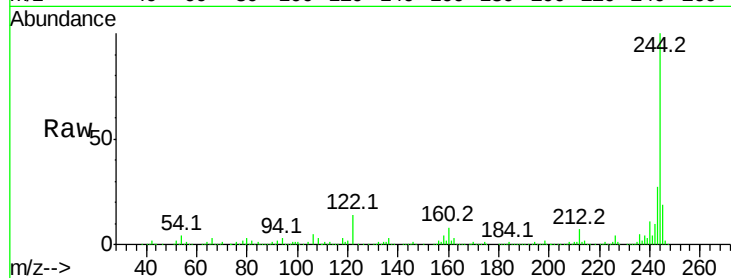
Tot Ion:244 Resp: 822922

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

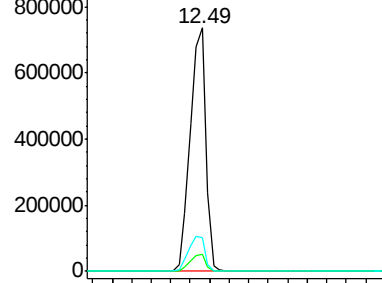
122 13.7 10.3 15.5



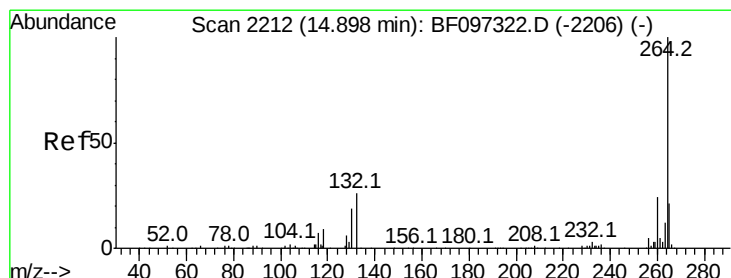
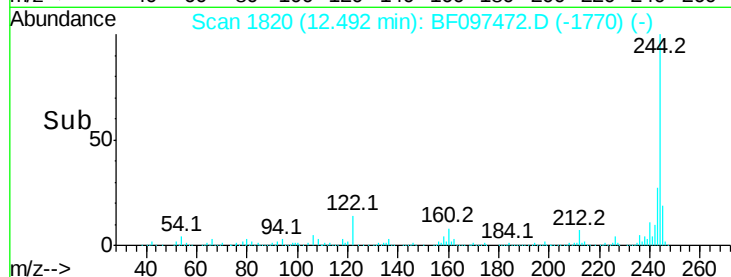
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.86 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097472.D

Acq: 8 Aug 2017 16:30

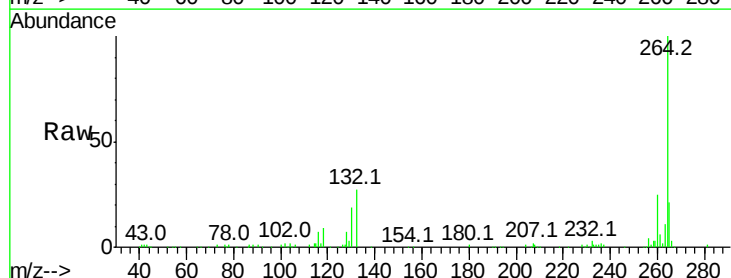
Tgt Ion:264 Resp: 161280

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

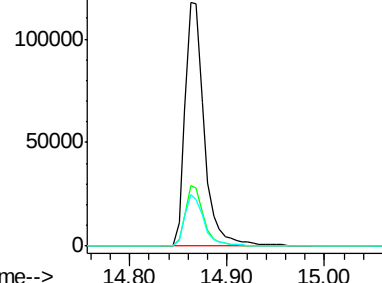
265 21.4 17.2 25.8



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



Time-->

