

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097741.D
 Acq On : 16 Aug 2017 16:18
 Operator : SJ/JU
 Sample : PB101499TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101499TB

Quant Time: Aug 17 01:54:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	128323	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	514780	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	239838	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	478622	20.00	ng	0.00
75) Chrysene-d12	13.93	240	315814	20.00	ng	-0.01
86) Perylene-d12	15.36	264	221449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	901668	106.88	ng	0.00
7) Phenol-d6	6.41	99	1179409	102.89	ng	0.00
23) Nitrobenzene-d5	7.34	82	737726	77.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	254346	122.22	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1169952	71.67	ng	0.00
78) Terphenyl-d14	12.89	244	1048722	69.25	ng	0.00

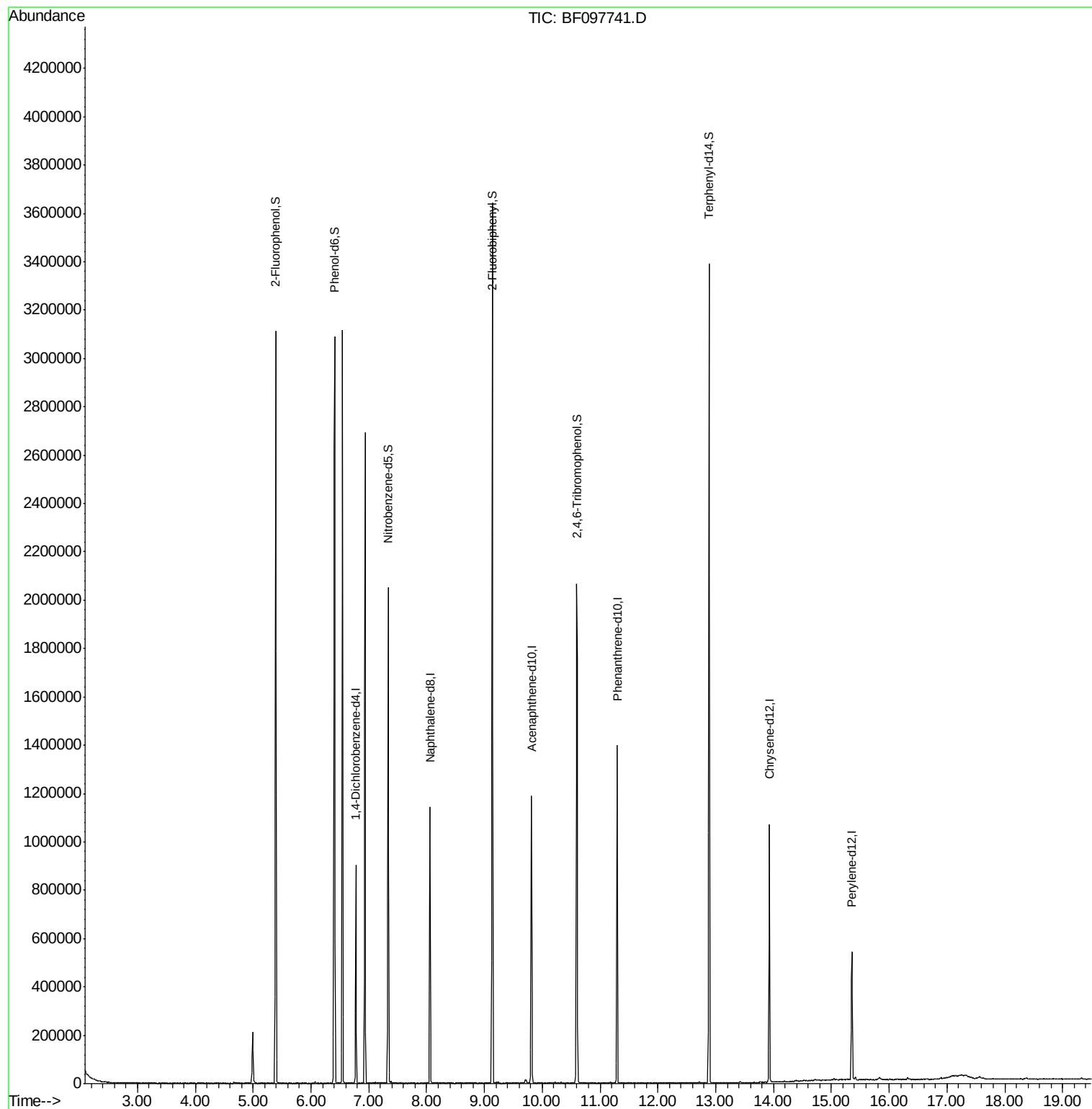
Target Compounds Qvalue

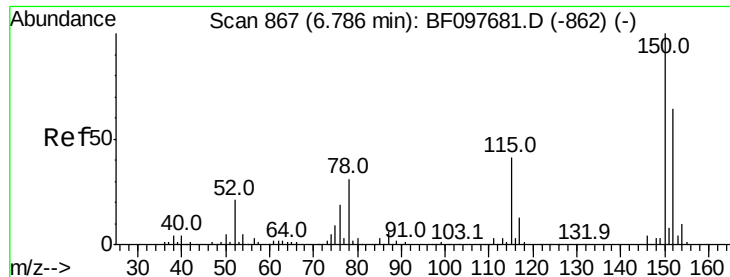
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097741.D
Acq On : 16 Aug 2017 16:18
Operator : SJ/JU
Sample : PB101499TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101499TB

Quant Time: Aug 17 01:54:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



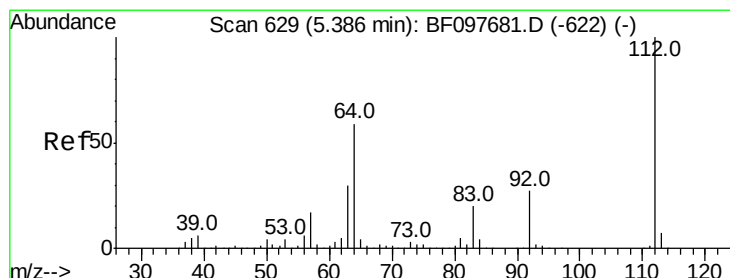
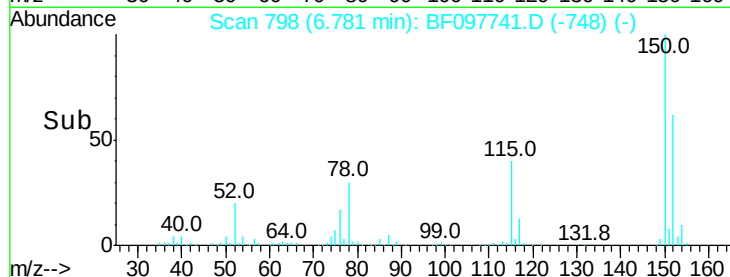
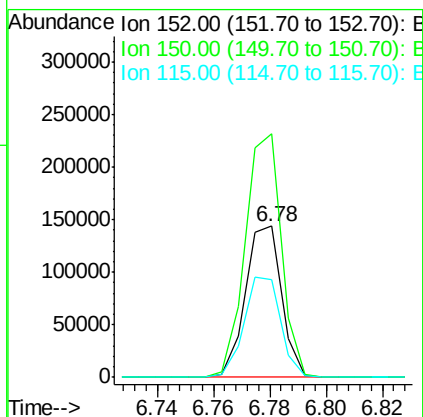
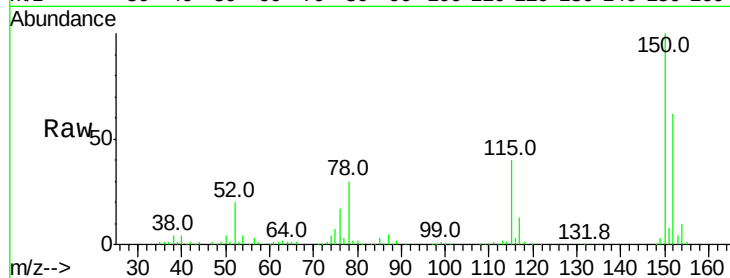


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB101499TB

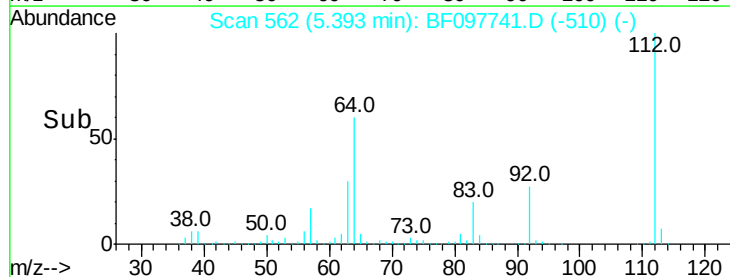
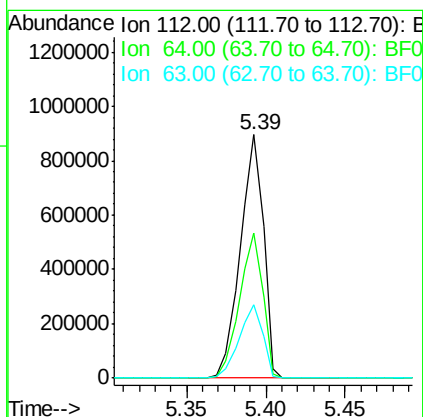
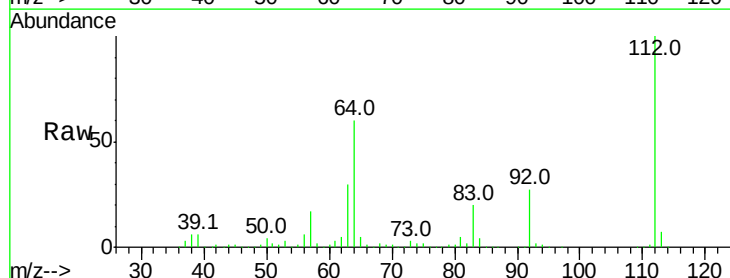
Tot Ion:152 Resp: 128323
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.2 189.2
 115 64.2 52.2 78.2

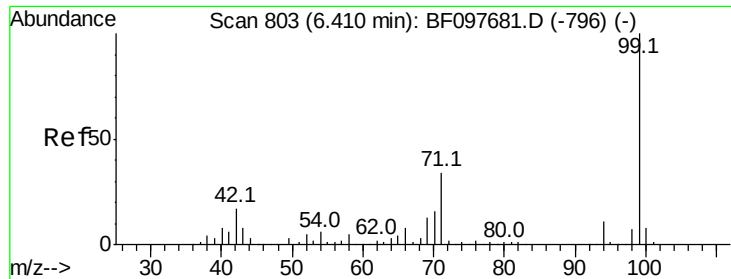


#5

2-Fluorophenol
 Concen: 106.879 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

Tgt Ion:112 Resp: 901668
 Ion Ratio Lower Upper
 112 100
 64 59.8 46.0 69.0
 63 30.4 23.4 35.0





#7

Phenol-d6

Concen: 102.892 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB101499TB

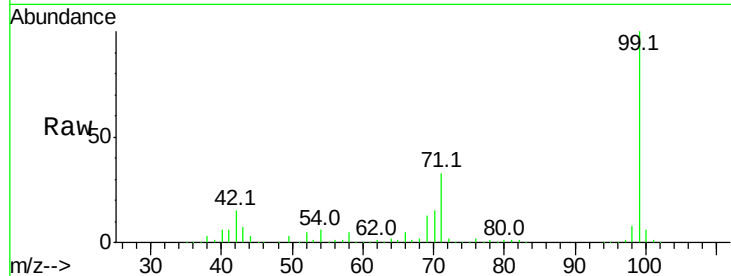
Tot Ion: 99 Resp: 1179409

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

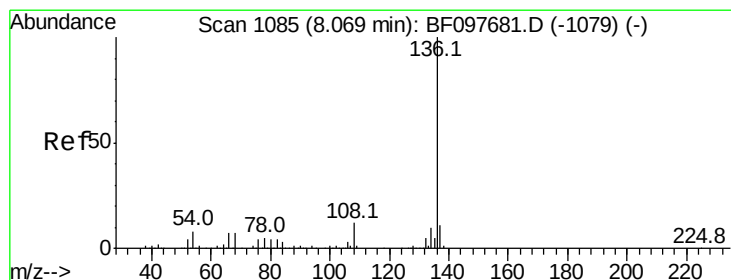
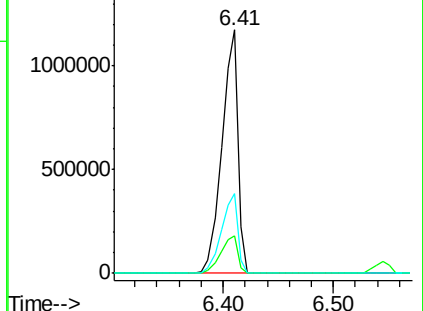
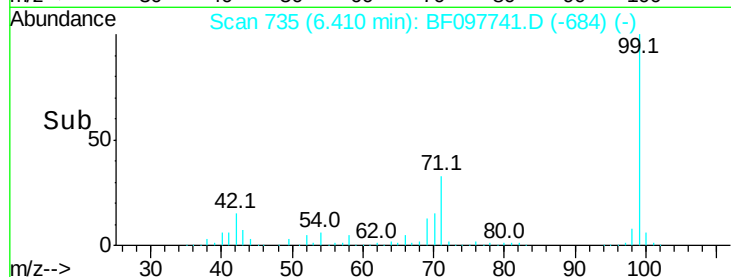
71 32.6 24.5 36.7



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: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Tgt Ion: 136 Resp: 514780

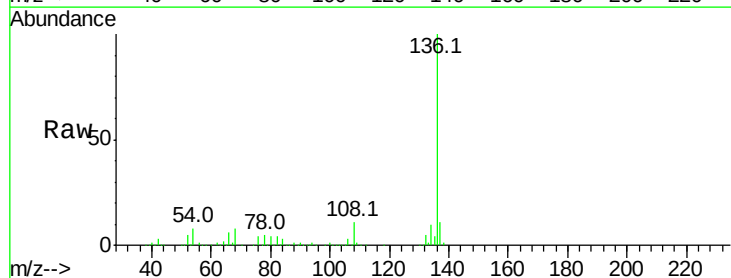
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.4 4.9 7.3#

68 7.7 4.1 6.1#

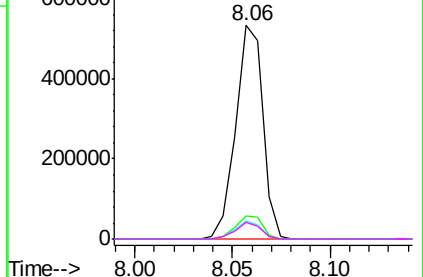
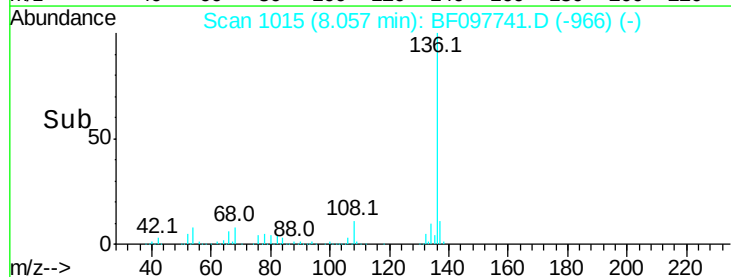


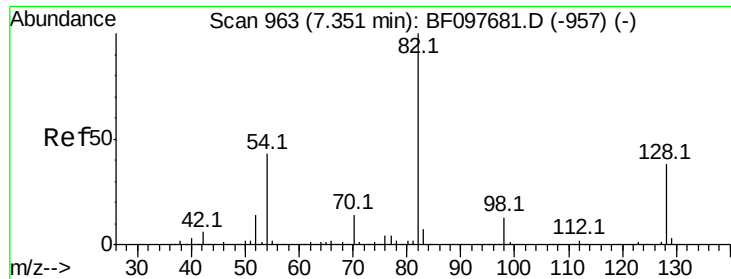
Abundance Ion 136.00 (135.70 to 136.70): E

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

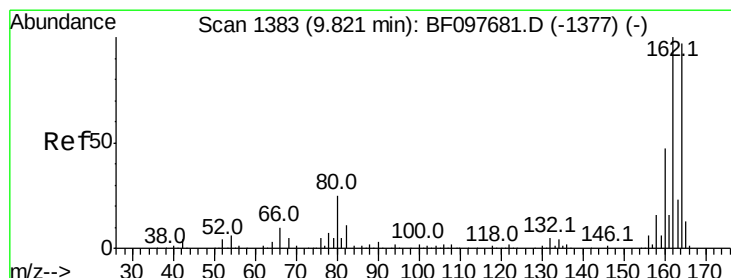
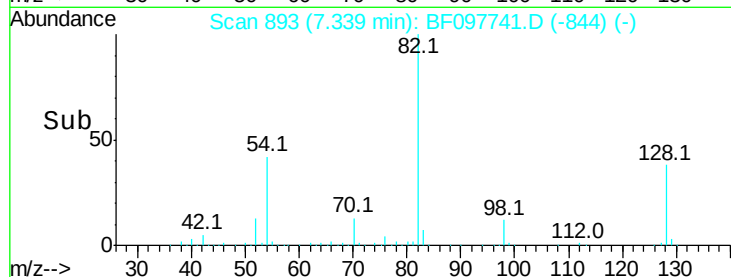
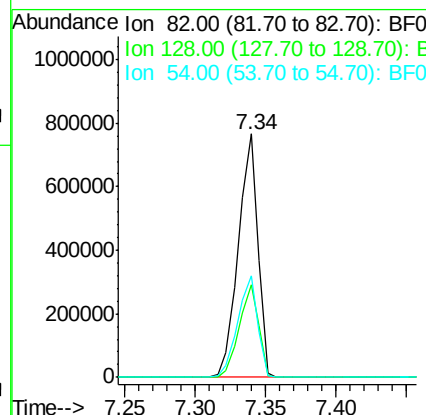
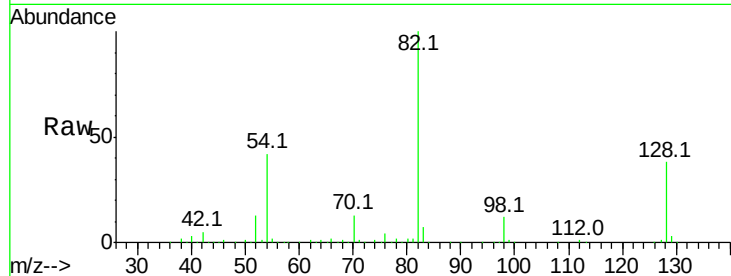




#23
 Nitrobenzene-d5
 Concen: 77.852 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

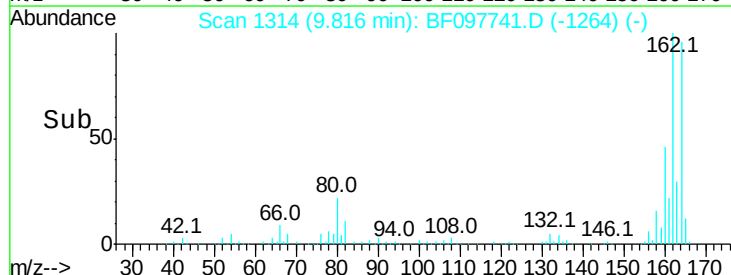
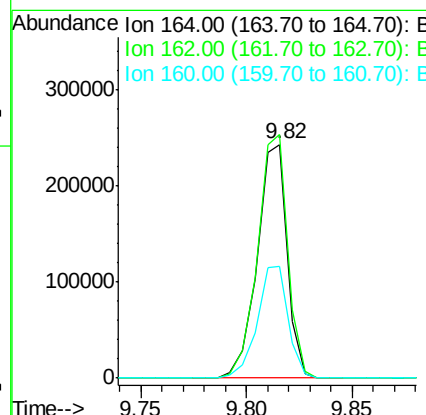
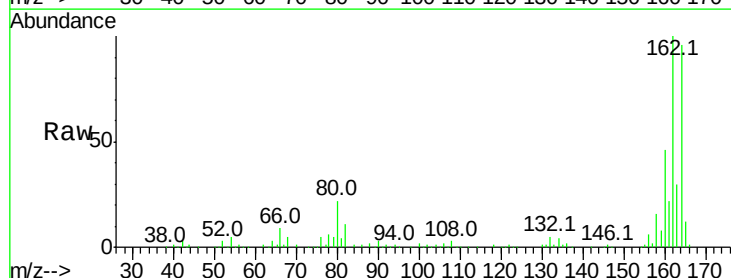
Instrument :
 BNA_F
 ClientSampleId :
 PB101499TB

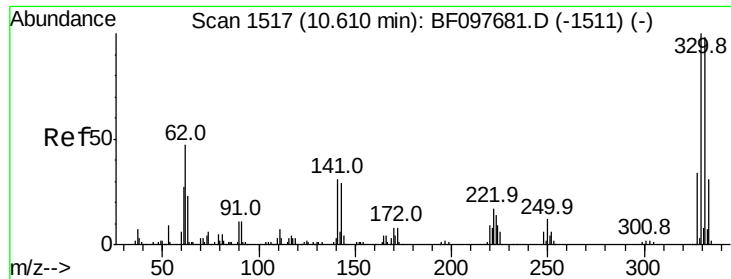
Tot Ion: 82 Resp: 737726
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.0 51.0
 54 41.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

Tgt Ion:164 Resp: 239838
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 47.8 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 122.224 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB101499TB

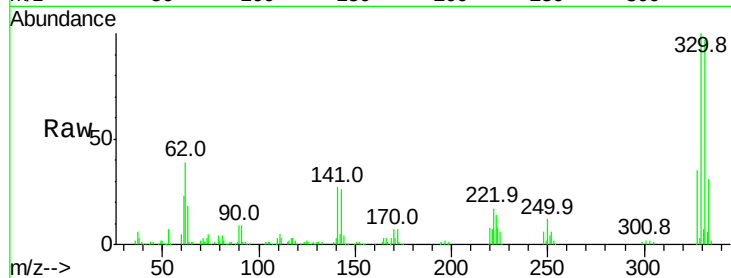
Tot Ion:330 Resp: 254346

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

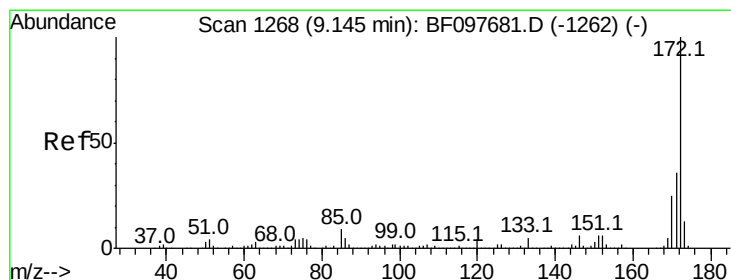
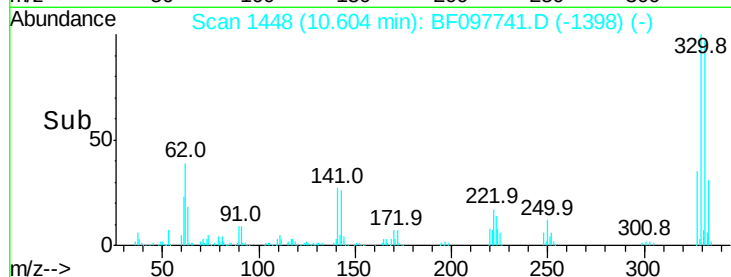
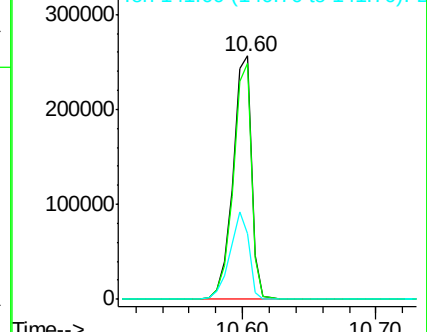
141 36.7 31.4 47.2



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: 71.669 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

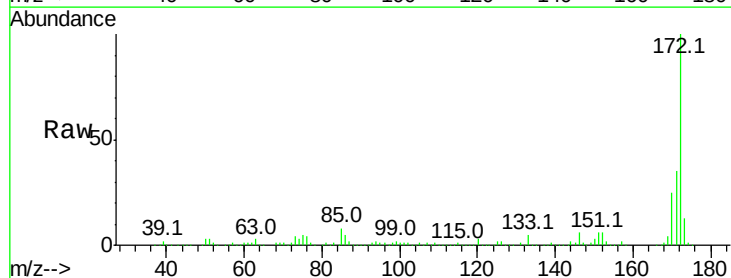
Tgt Ion:172 Resp: 1169952

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

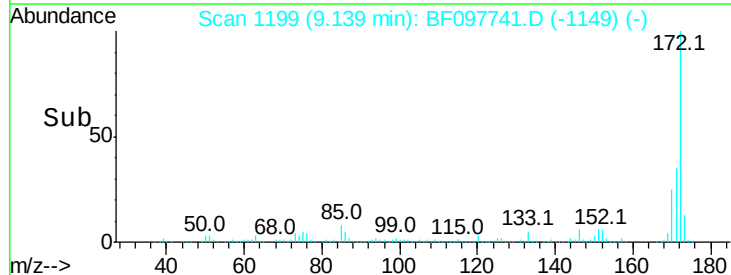
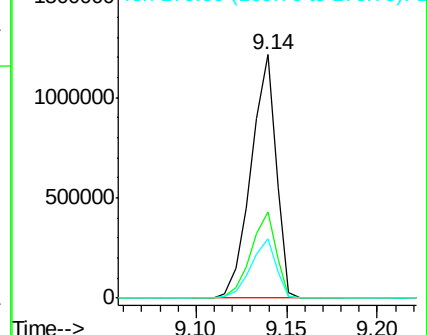
170 24.6 19.8 29.8

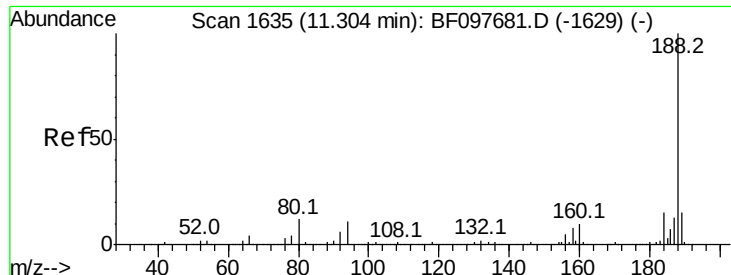


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB101499TB

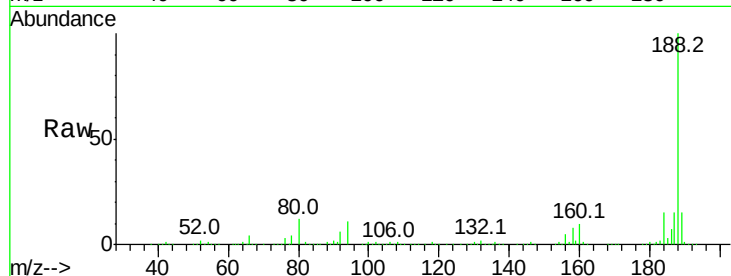
Tot Ion:188 Resp: 478622

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

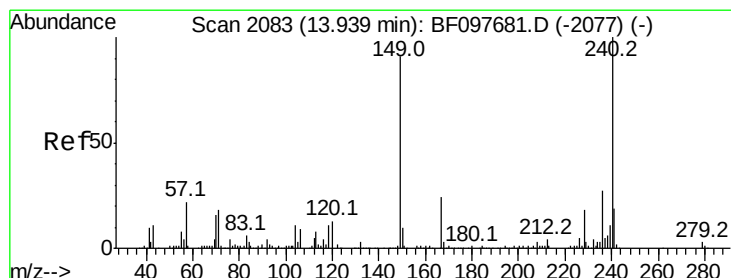
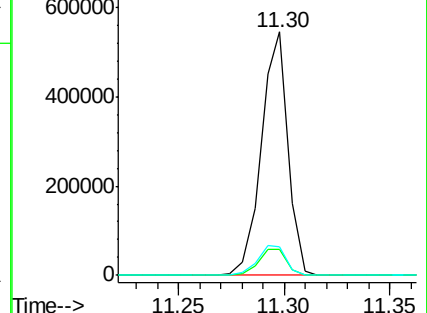
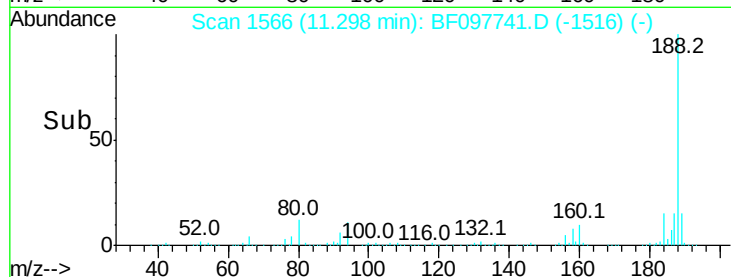
80 11.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

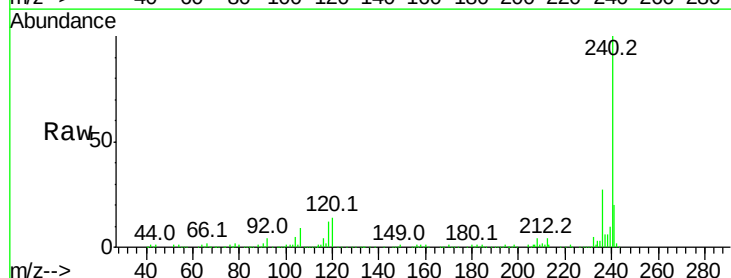
Tgt Ion:240 Resp: 315814

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

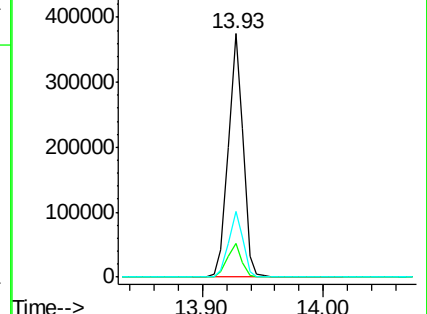
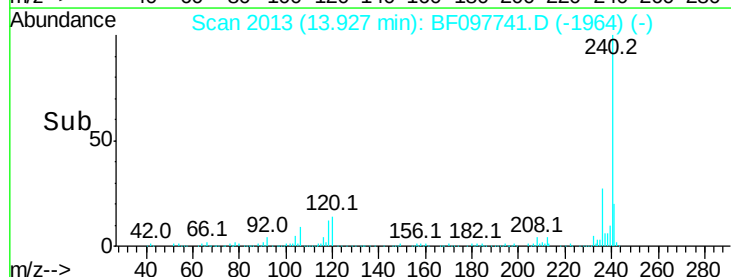
236 26.8 20.5 30.7

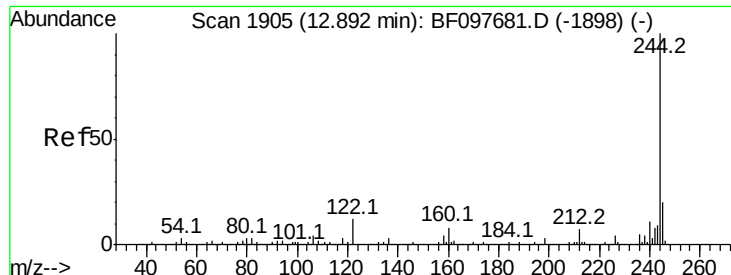


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.248 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampled :

PB101499TB

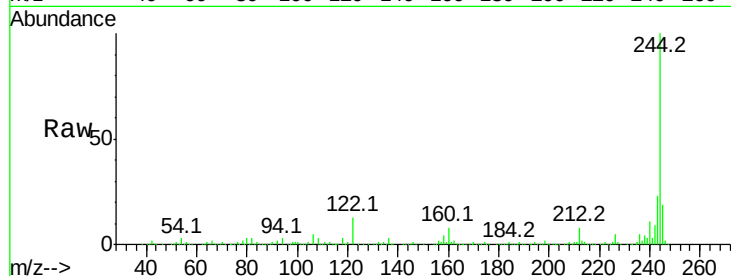
Tot Ion:244 Resp: 1048722

Ion Ratio Lower Upper

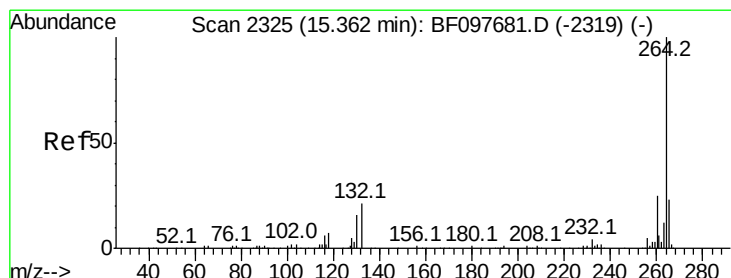
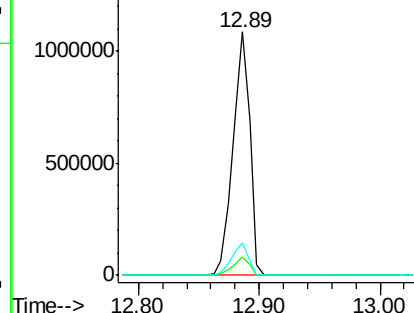
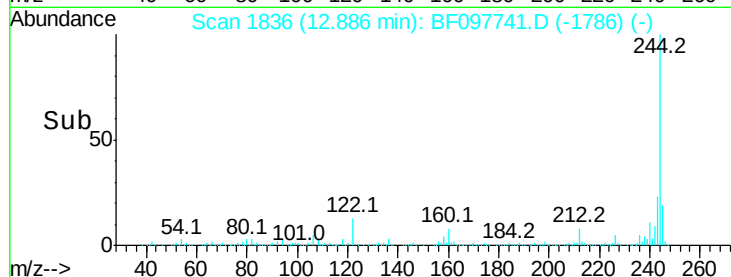
244 100

212 7.5 6.0 9.0

122 13.3 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

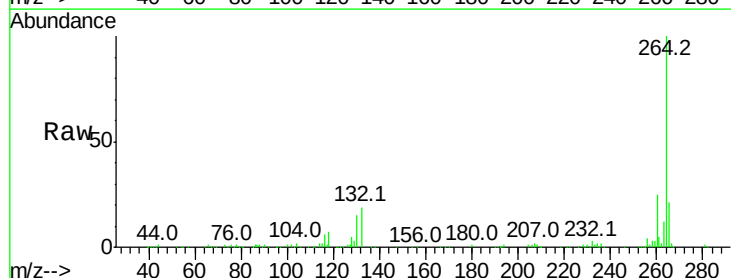
Tgt Ion:264 Resp: 221449

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.1 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

