

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093075.D
 Acq On : 22 Feb 2017 15:11
 Operator : SJ/MA
 Sample : PB97102BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97102BL

Quant Time: Feb 23 00:07:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	144948	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	561878	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	272556	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	520137	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	450408	20.00	ng	-0.03
86) Perylene-d12	15.41	264	363571	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1038759	122.95	ng	-0.01
7) Phenol-d6	6.48	99	1299241	119.52	ng	-0.01
23) Nitrobenzene-d5	7.40	82	797170	79.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	265918	134.90	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1342533	89.24	ng	-0.02
78) Terphenyl-d14	12.93	244	1371353	71.54	ng	-0.03

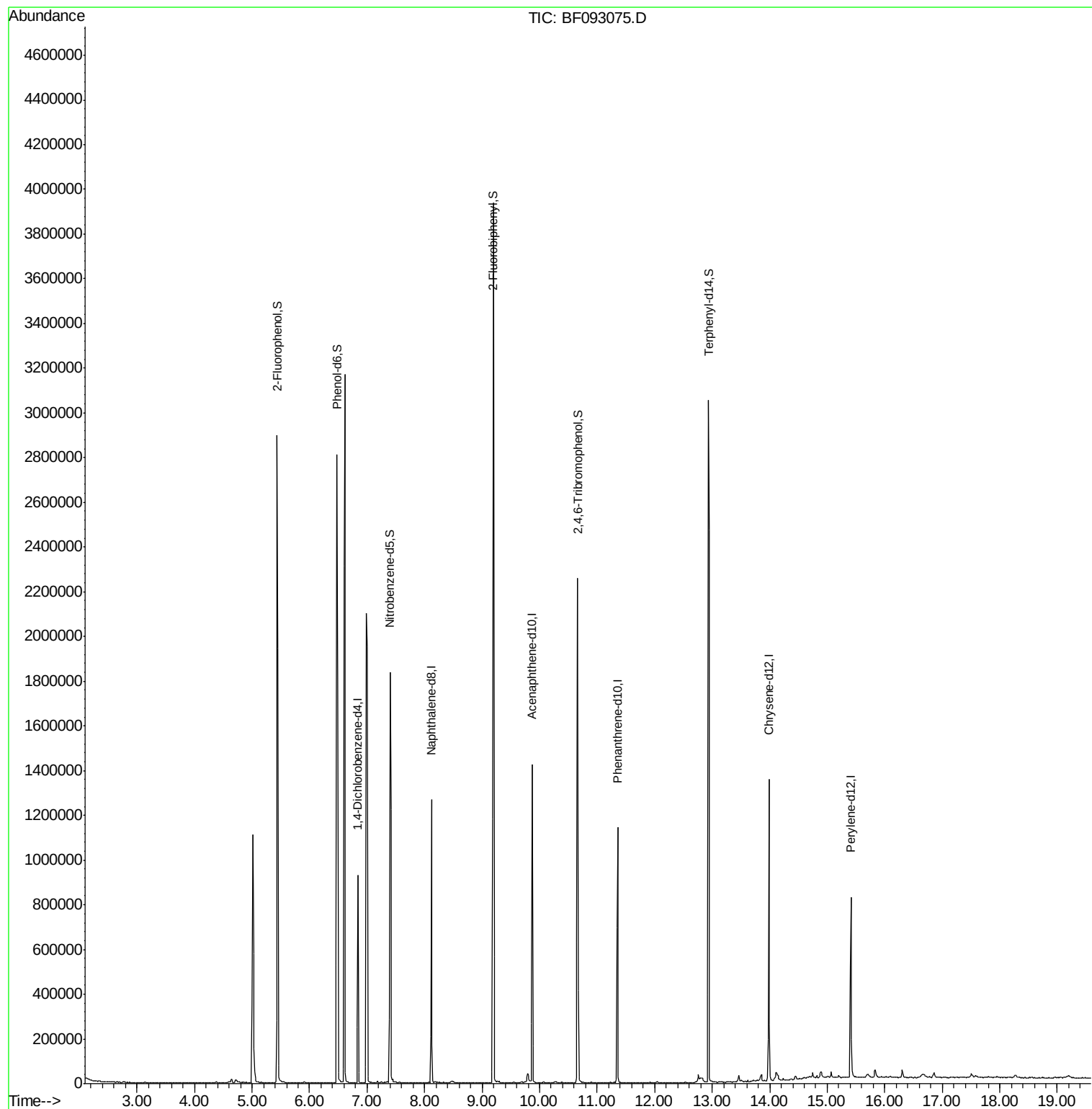
Target Compounds Qvalue

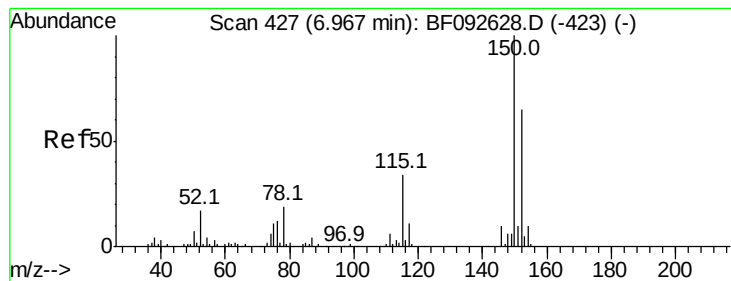
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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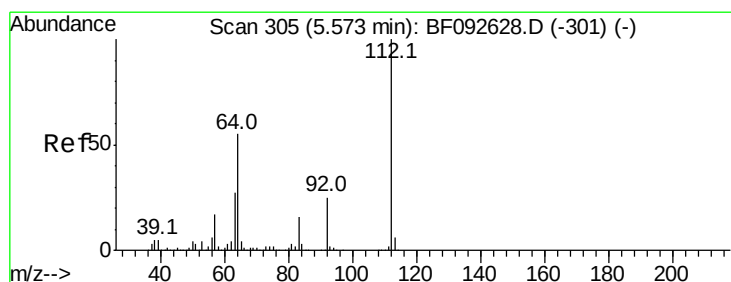
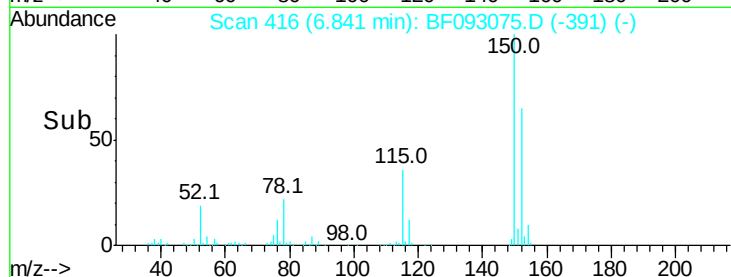
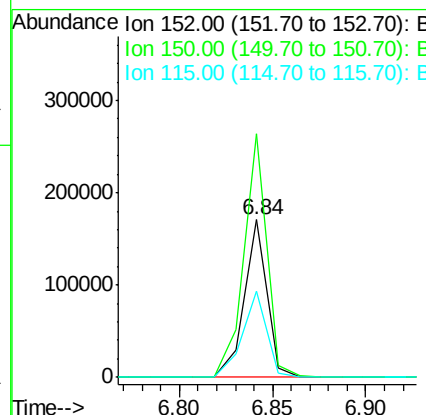
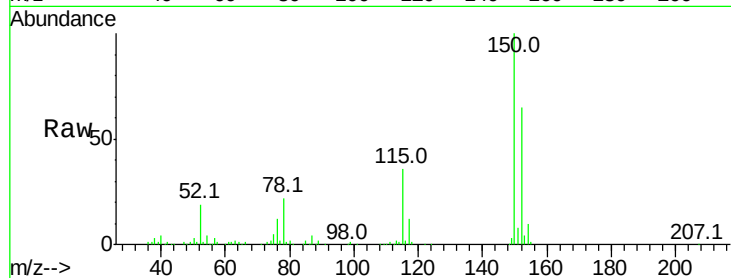




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093075.D
 Acq: 22 Feb 2017 15:11

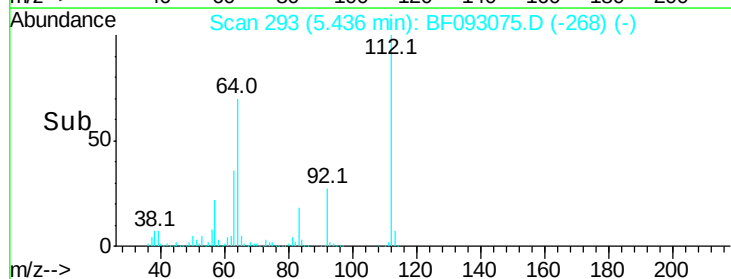
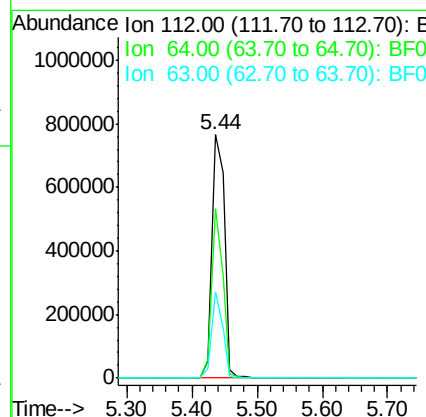
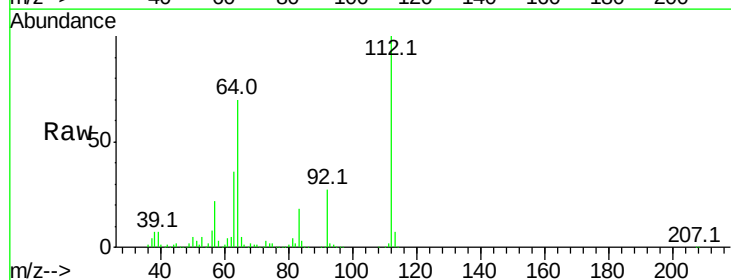
Instrument :
 BNA_F
 ClientSampleId :
 PB97102BL

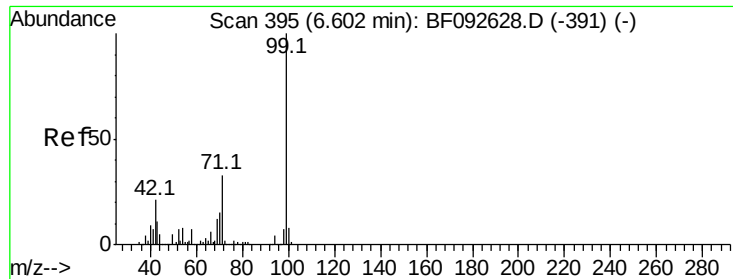
Tot Ion:152 Resp: 144948
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.9 187.3
 115 55.0 46.0 69.0



#5
 2-Fluorophenol
 Concen: 122.95 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093075.D
 Acq: 22 Feb 2017 15:11

Tgt Ion:112 Resp: 1038759
 Ion Ratio Lower Upper
 112 100
 64 69.8 46.1 69.1#
 63 35.6 23.8 35.6





#7

Phenol-d6

Concen: 119.52 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093075.D

Acq: 22 Feb 2017 15:11

Instrument :

BNA_F

ClientSampleId :

PB97102BL

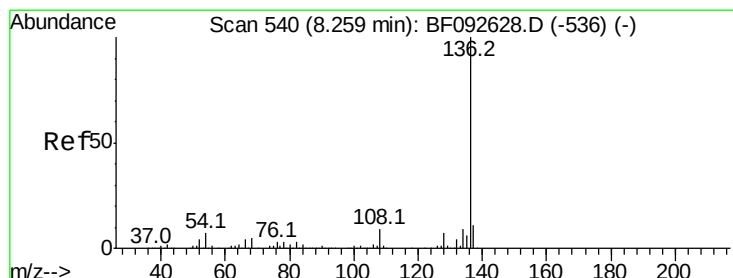
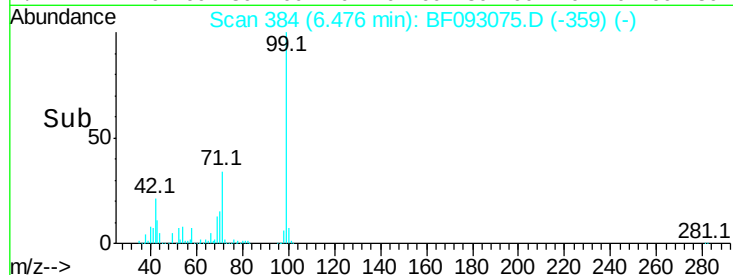
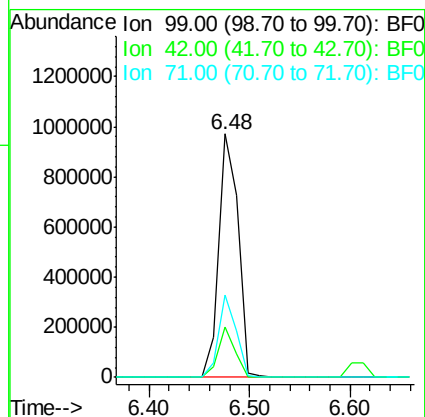
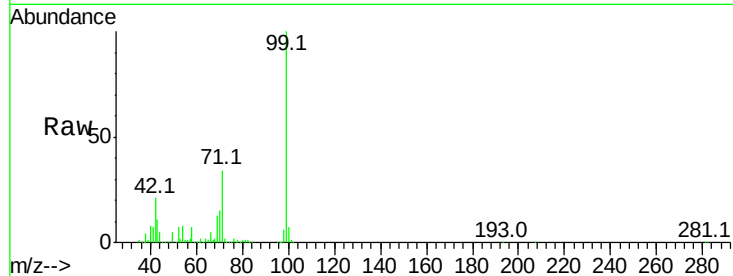
Tot Ion: 99 Resp: 1299241

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

71 33.9 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093075.D

Acq: 22 Feb 2017 15:11

Tgt Ion: 136 Resp: 561878

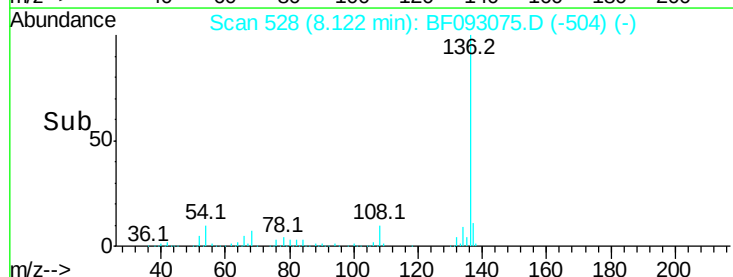
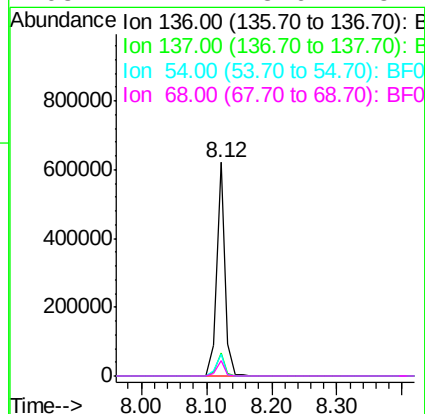
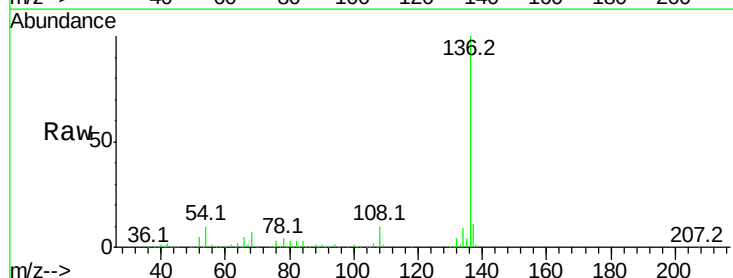
Ion Ratio Lower Upper

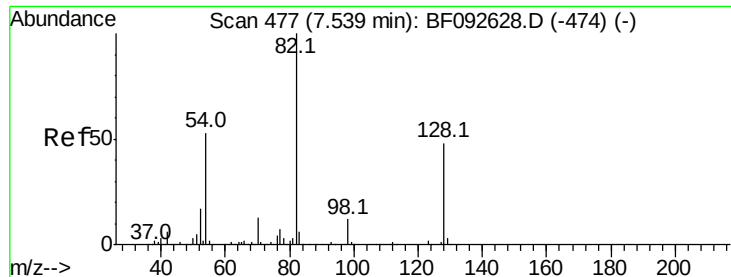
136 100

137 11.1 8.4 12.6

54 10.1 4.5 6.7#

68 7.1 3.6 5.4#

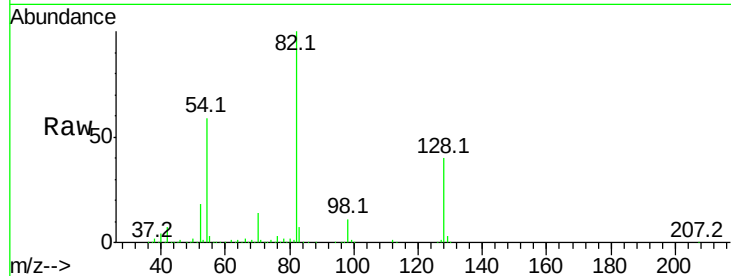




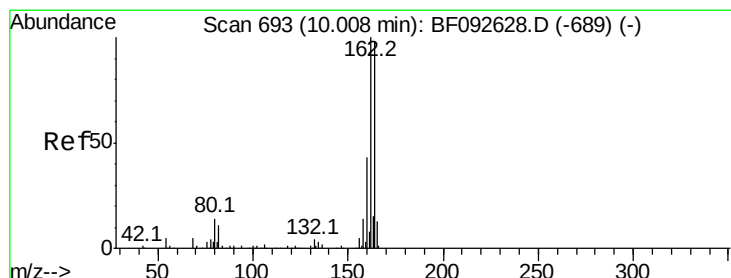
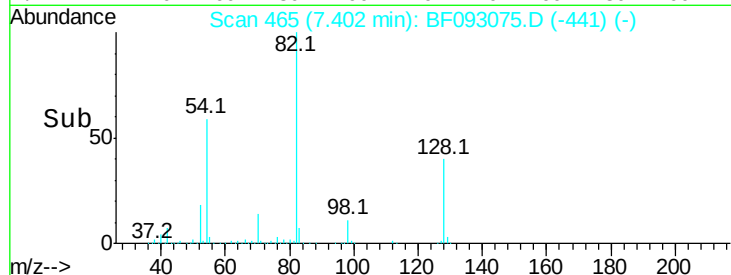
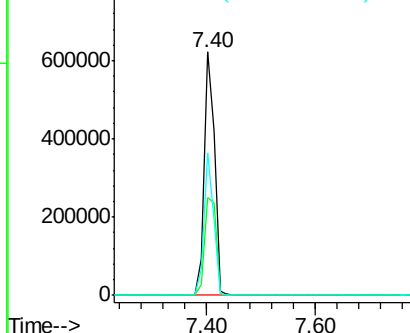
#23
Nitrobenzene-d5
Concen: 79.01 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093075.D
Acq: 22 Feb 2017 15:11

Instrument :
BNA_F
ClientSampleId :
PB97102BL

Tot Ion: 82 Resp: 797170
Ion Ratio Lower Upper
82 100
128 40.4 34.6 52.0
54 58.5 39.5 59.3

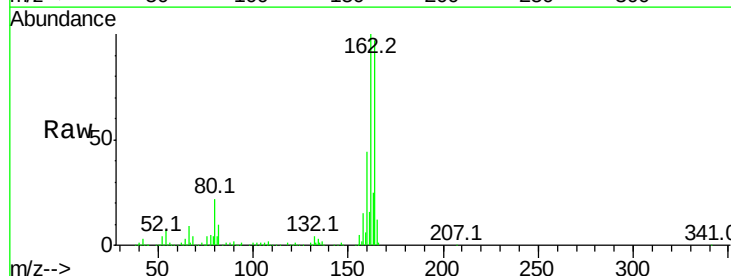


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

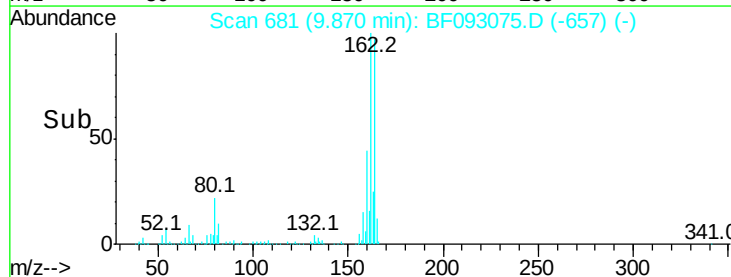
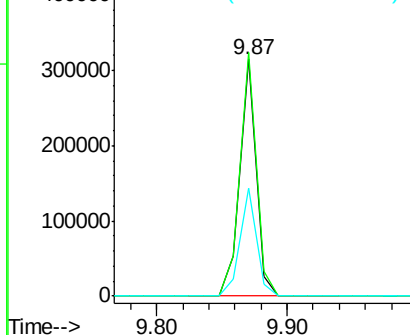


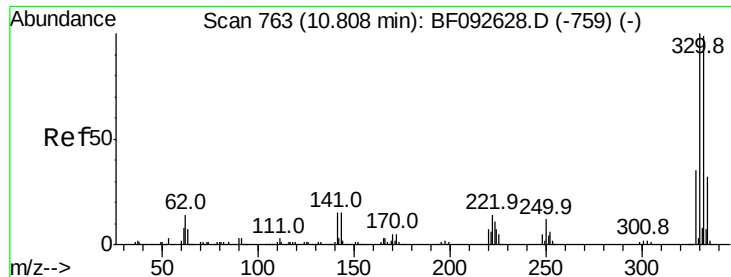
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093075.D
Acq: 22 Feb 2017 15:11

Tgt Ion: 164 Resp: 272556
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 45.5 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

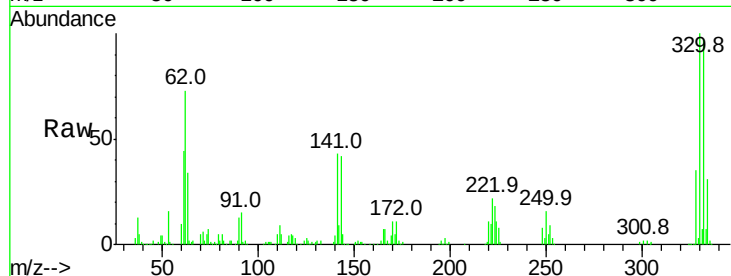




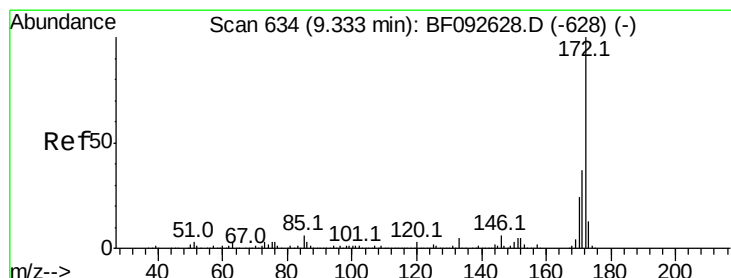
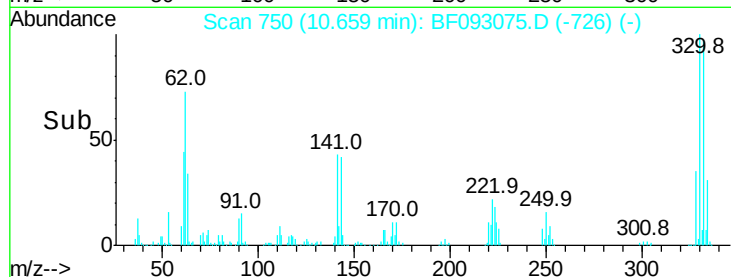
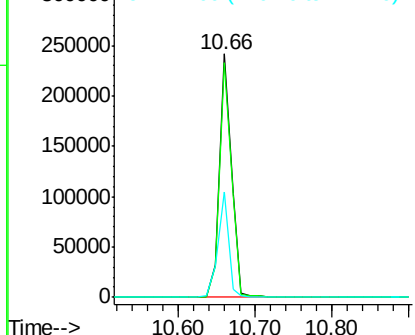
#41
 2,4,6-Tribromophenol
 Concen: 134.90 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093075.D
 Acq: 22 Feb 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :
 PB97102BL

Tot Ion:330 Resp: 265918
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.8 34.1 51.1

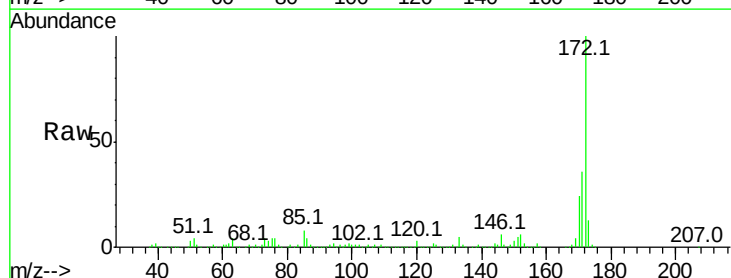


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

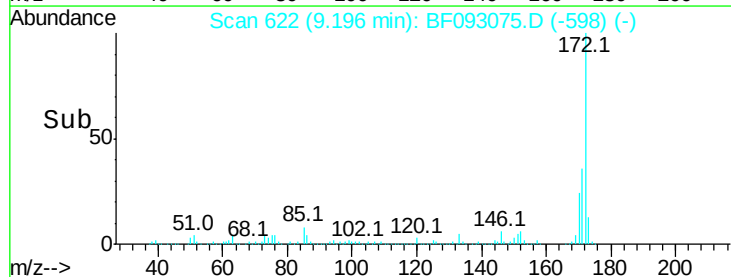
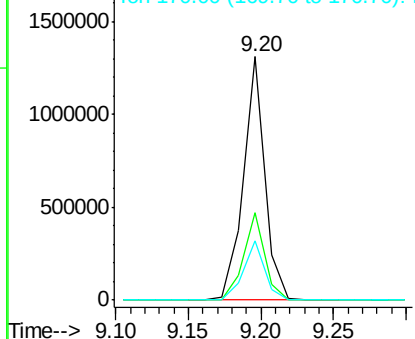


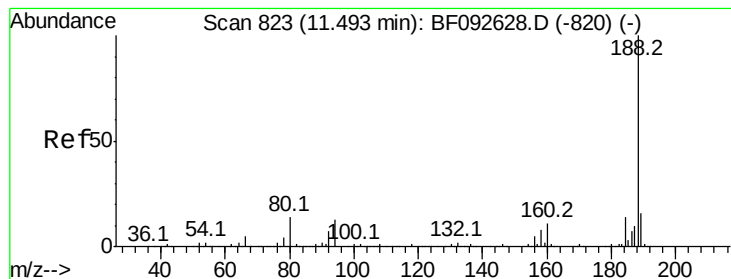
#44
 2-Fluorobiphenyl
 Concen: 89.24 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093075.D
 Acq: 22 Feb 2017 15:11

Tgt Ion:172 Resp: 1342533
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093075.D

Acq: 22 Feb 2017 15:11

Instrument :

BNA_F

ClientSampleId :

PB97102BL

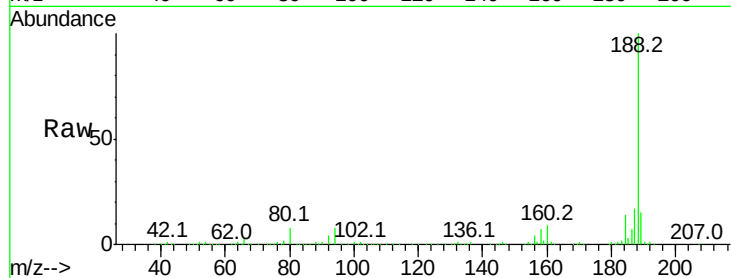
Tot Ion:188 Resp: 520137

Ion Ratio Lower Upper

188 100

94 7.7 10.0 15.0#

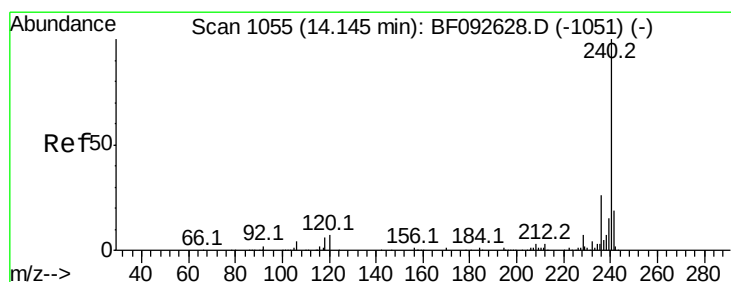
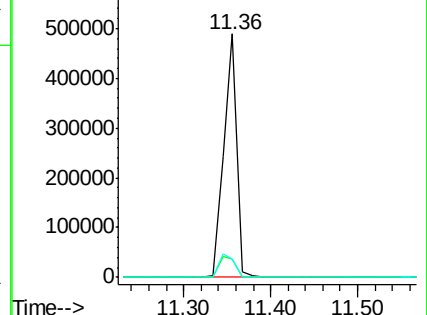
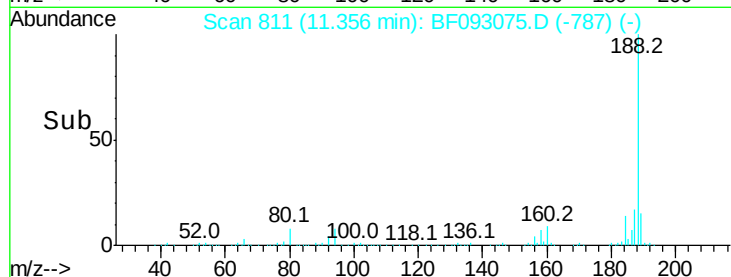
80 7.8 11.2 16.8#



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: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093075.D

Acq: 22 Feb 2017 15:11

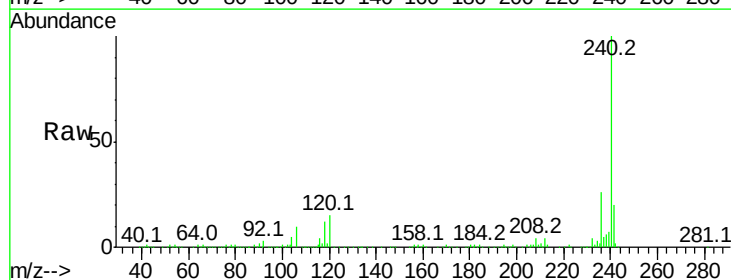
Tgt Ion:240 Resp: 450408

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

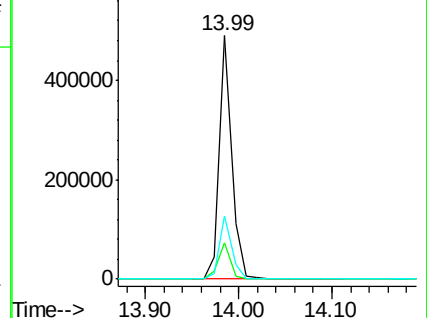
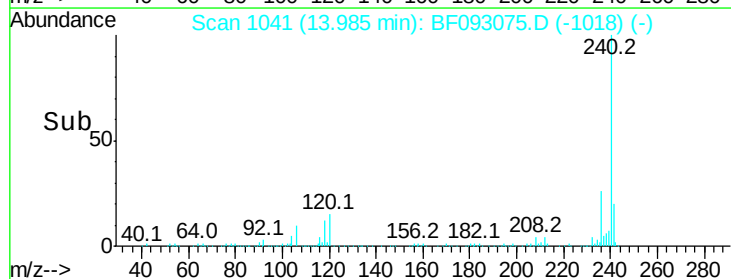
236 25.7 20.9 31.3

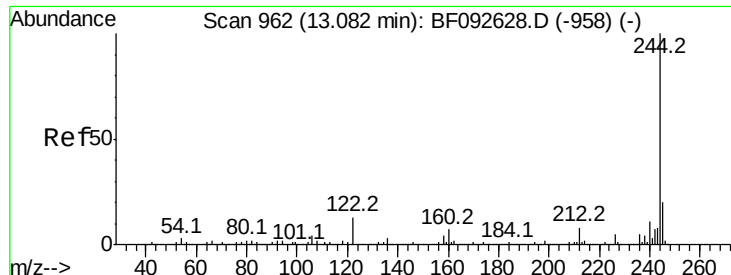


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.54 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093075.D

Acq: 22 Feb 2017 15:11

Instrument :

BNA_F

ClientSampleId :

PB97102BL

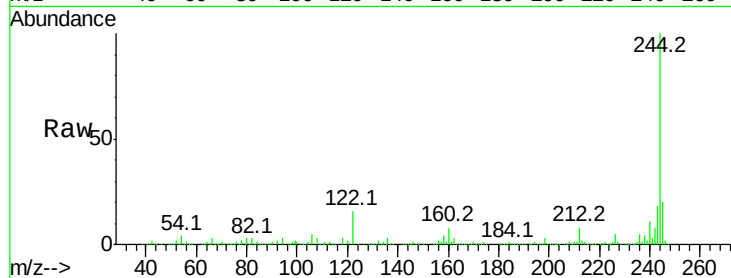
Tot Ion:244 Resp: 1371353

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

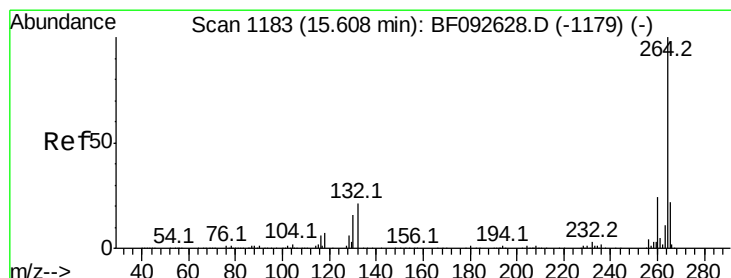
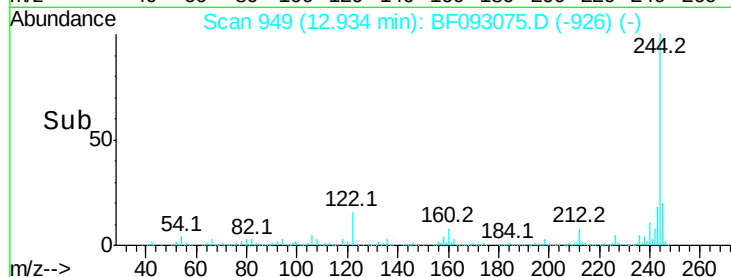
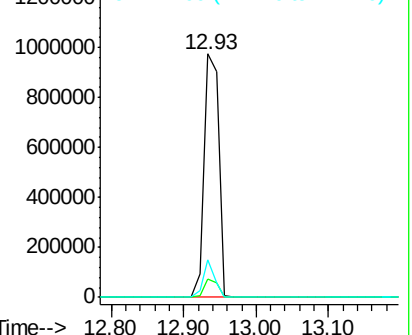
122 15.6 11.4 17.2



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: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093075.D

Acq: 22 Feb 2017 15:11

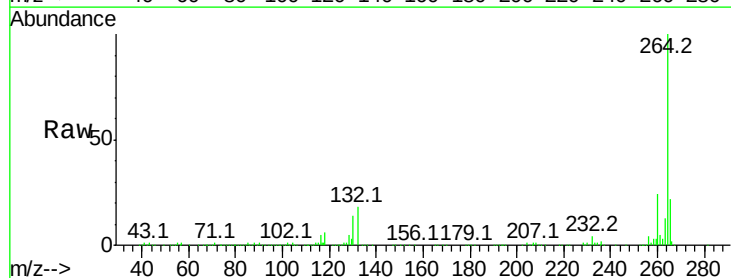
Tgt Ion:264 Resp: 363571

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.8 17.4 26.0



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

