

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093105.D
 Acq On : 23 Feb 2017 15:38
 Operator : SJ/MA
 Sample : PB97127BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BL

Quant Time: Feb 23 23:58:47 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	152524	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	606804	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	299066	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	550076	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	530789	20.00	ng	-0.02
86) Perylene-d12	15.43	264	418513	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1179501	132.67	ng	-0.01
7) Phenol-d6	6.48	99	1576091	137.78	ng	-0.01
23) Nitrobenzene-d5	7.40	82	967195	88.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	328976	152.09	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1710534	103.62	ng	-0.01
78) Terphenyl-d14	12.95	244	1419993	62.86	ng	-0.02

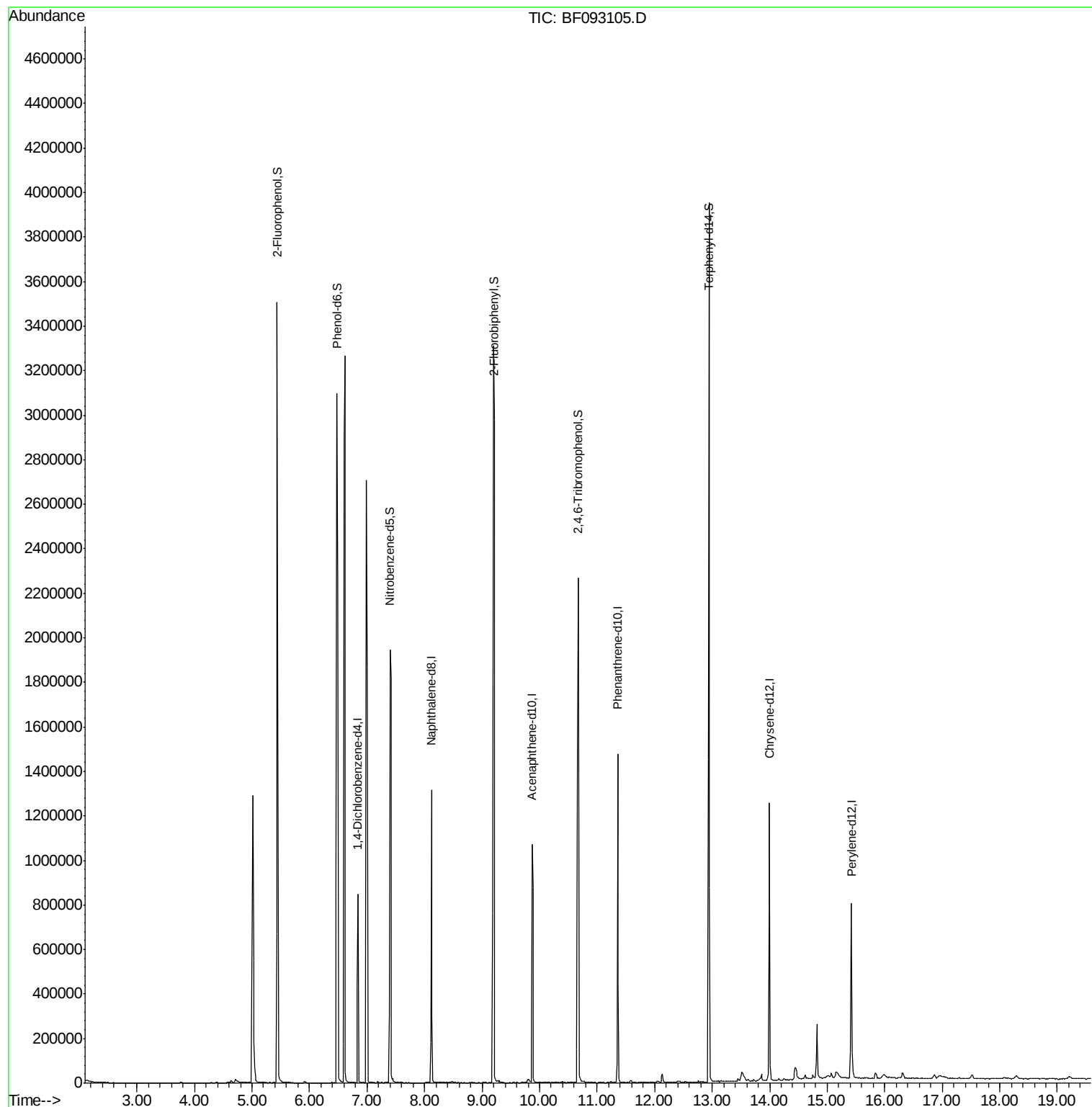
Target Compounds Qvalue

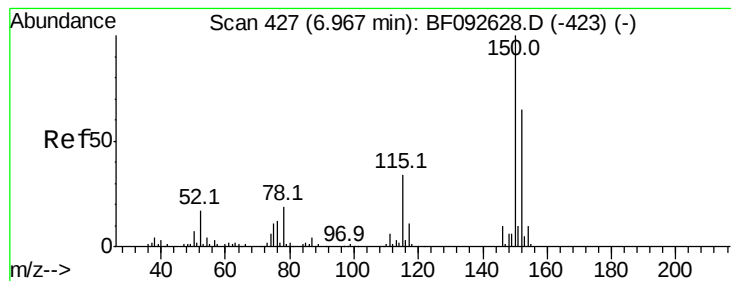
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_F

ClientSampleId :

PB97127BL

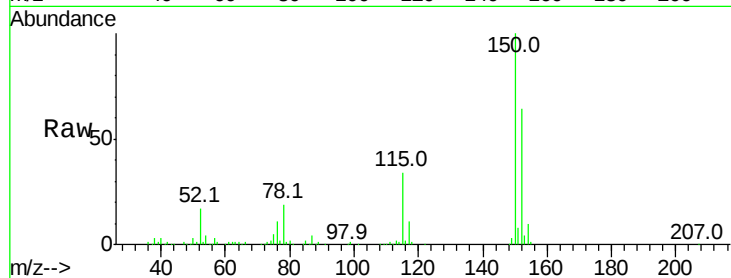
Tot Ion:152 Resp: 152524

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

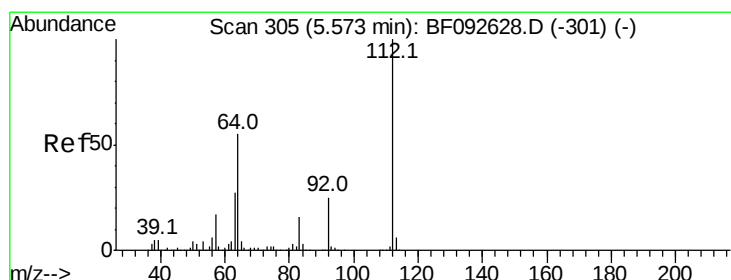
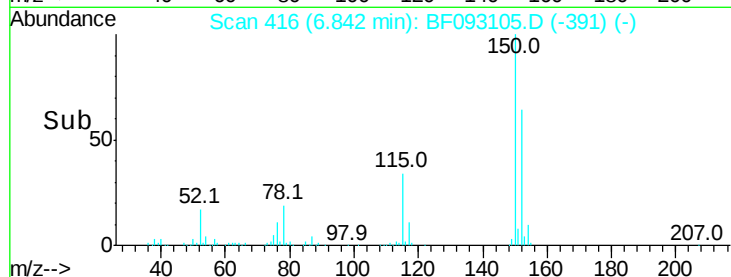
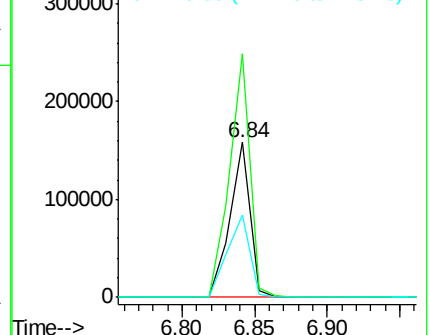
115 52.9 46.0 69.0



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: 132.67 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

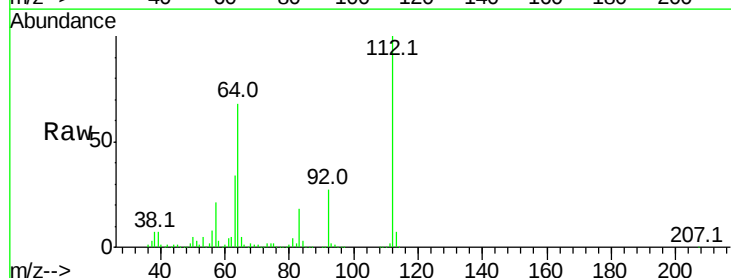
Tgt Ion:112 Resp: 1179501

Ion Ratio Lower Upper

112 100

64 67.7 46.1 69.1

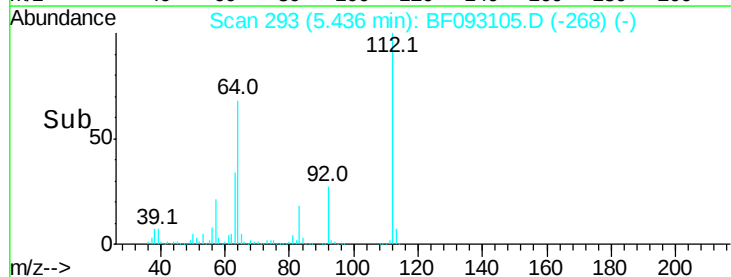
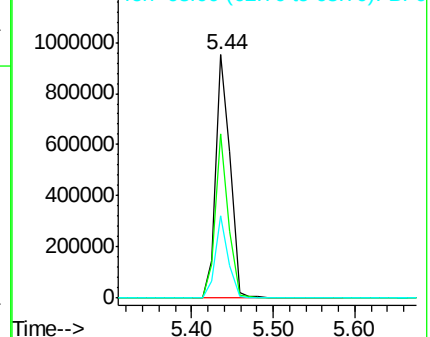
63 33.9 23.8 35.6

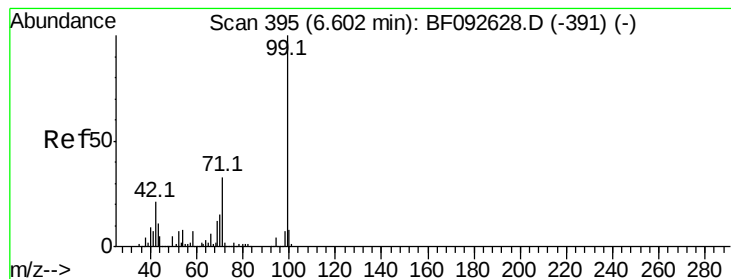


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.78 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

Instrument :

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PB97127BL

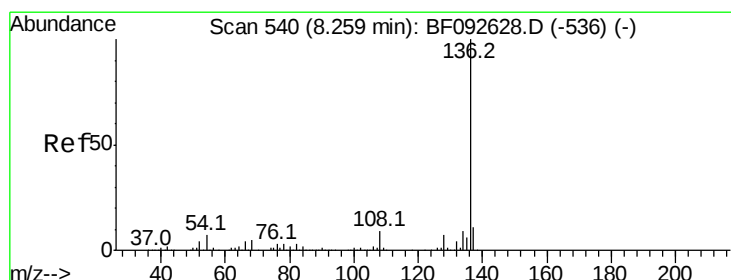
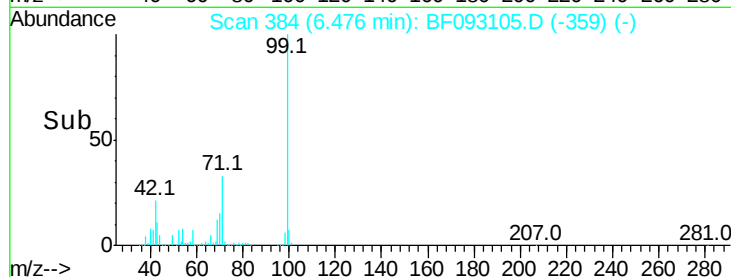
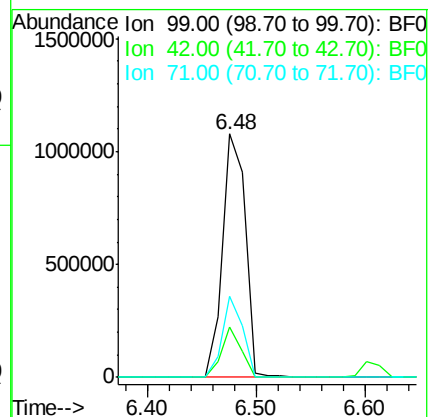
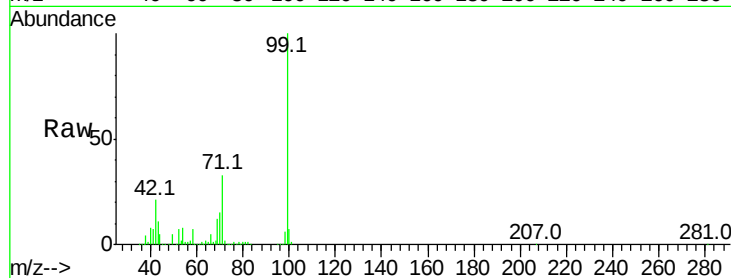
Tot Ion: 99 Resp: 1576091

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

71 33.2 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: BF093105.D

Acq: 23 Feb 2017 15:38

Tgt Ion: 136 Resp: 606804

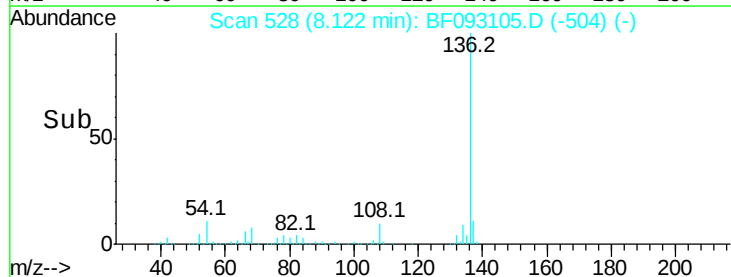
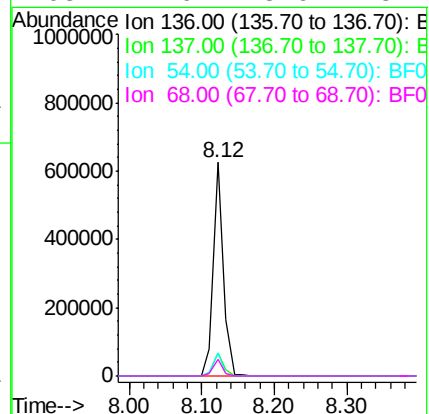
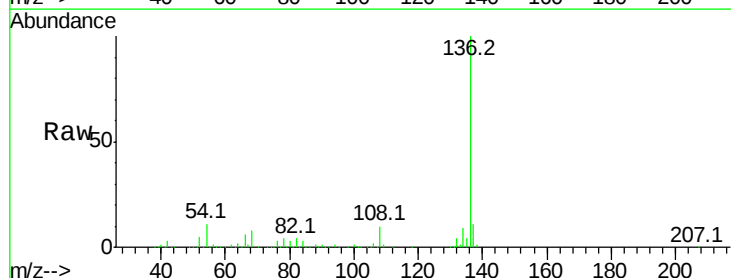
Ion Ratio Lower Upper

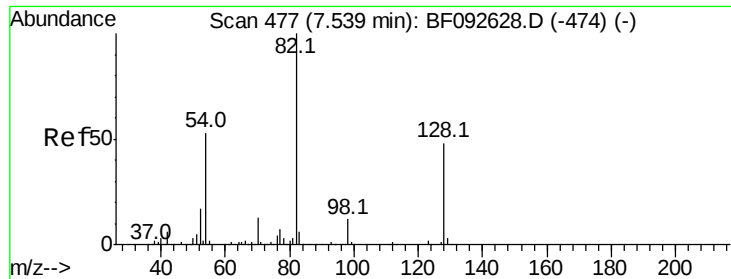
136 100

137 11.0 8.4 12.6

54 10.9 4.5 6.7#

68 7.6 3.6 5.4#

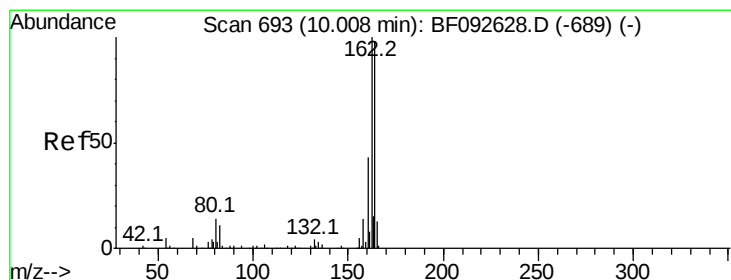
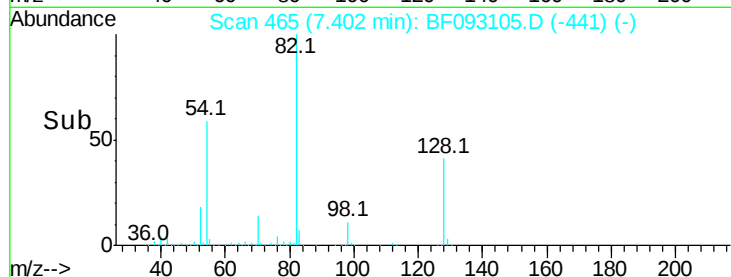
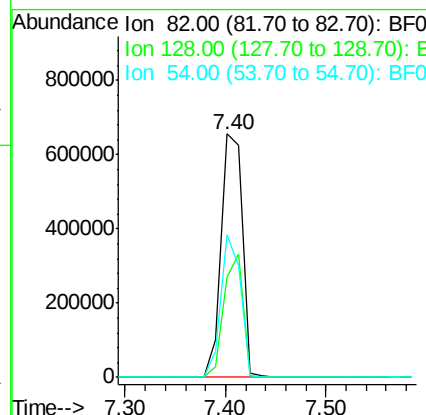
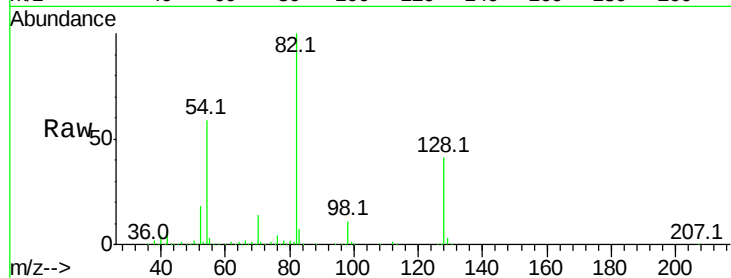




#23
 Nitrobenzene-d5
 Concen: 88.76 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

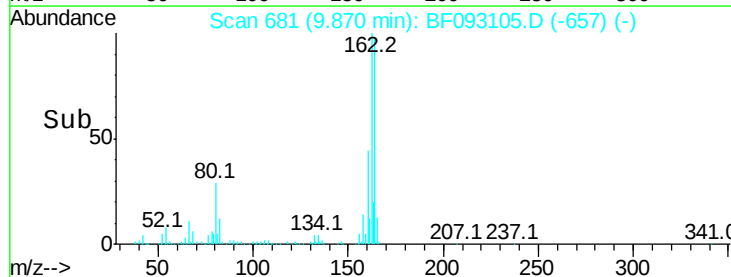
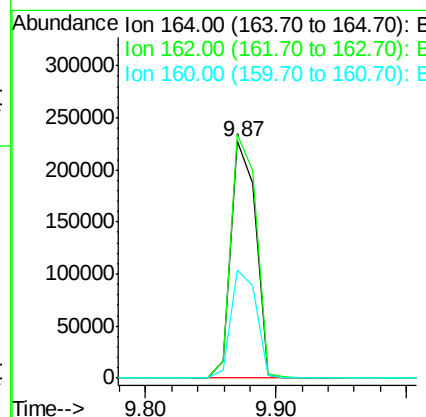
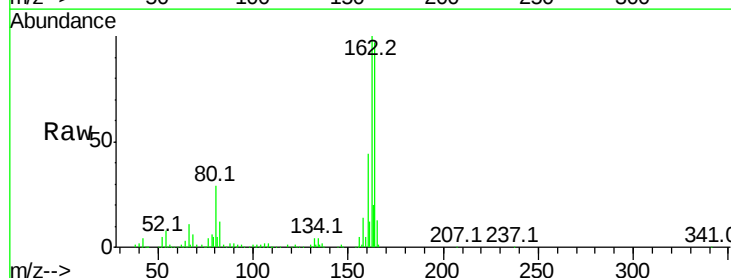
Instrument :
 BNA_F
 ClientSampleId :
 PB97127BL

Tot Ion: 82 Resp: 967195
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 58.7 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Tgt Ion:164 Resp: 299066
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.2 120.2
 160 45.5 36.9 55.3

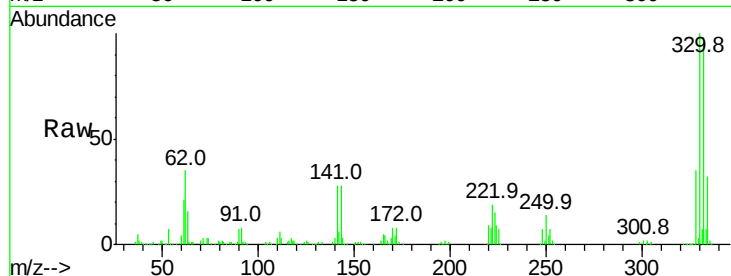




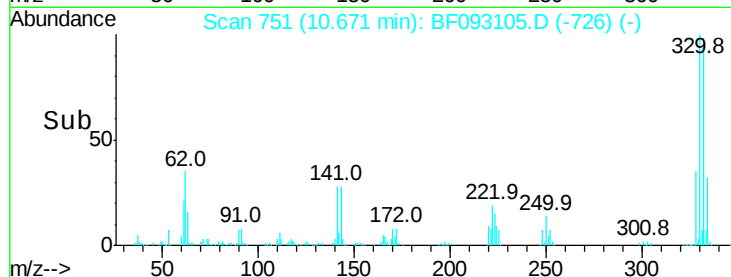
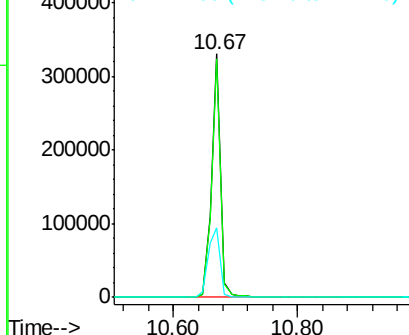
#41
 2,4,6-Tribromophenol
 Concen: 152.09 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BL

Tot Ion:330 Resp: 328976
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 37.9 34.1 51.1

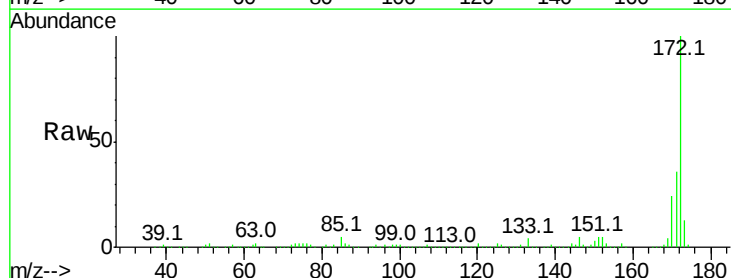


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

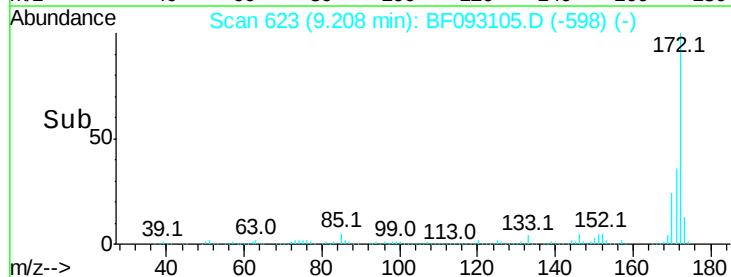
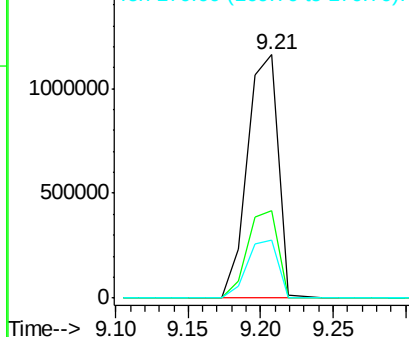


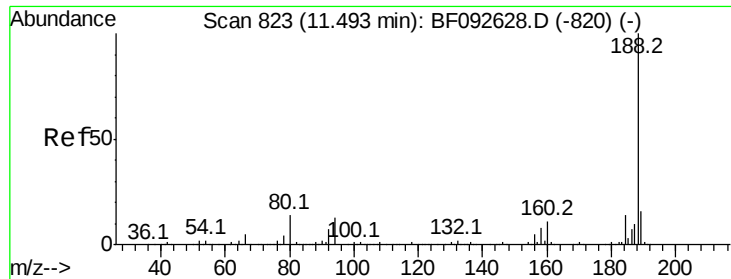
#44
 2-Fluorobiphenyl
 Concen: 103.62 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093105.D
 Acq: 23 Feb 2017 15:38

Tgt Ion:172 Resp: 1710534
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.8 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

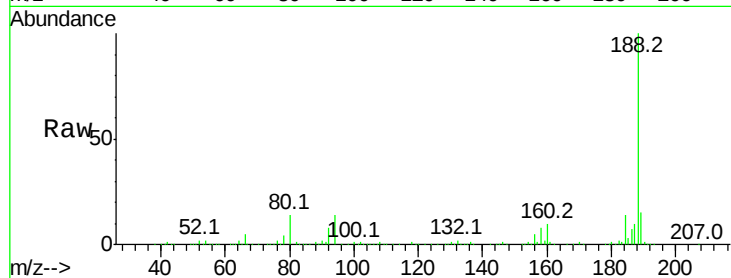




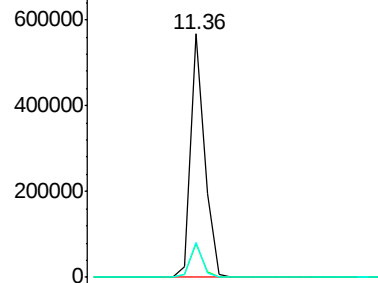
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093105.D
Acq: 23 Feb 2017 15:38

Instrument :
BNA_F
ClientSampleId :
PB97127BL

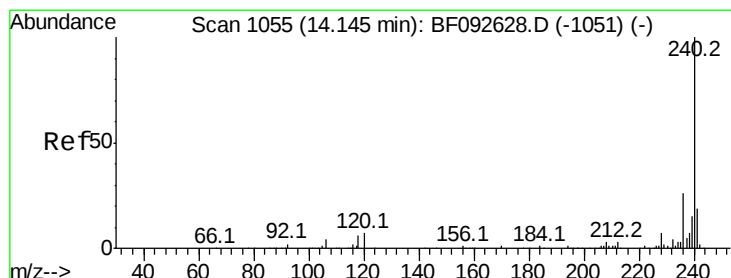
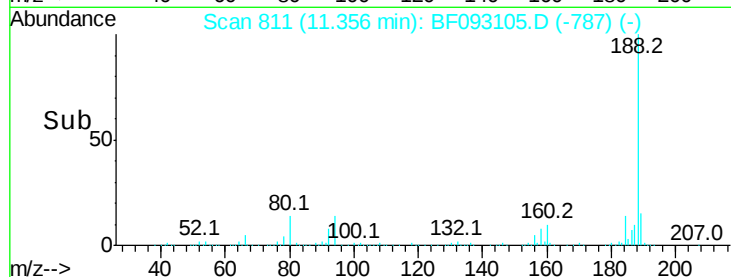
Tot Ion:188 Resp: 550076
Ion Ratio Lower Upper
188 100
94 13.7 10.0 15.0
80 14.4 11.2 16.8



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

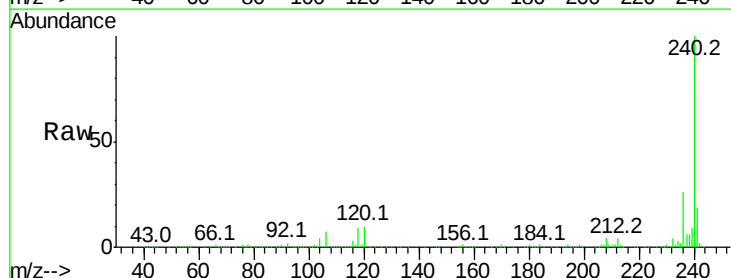


Time-->

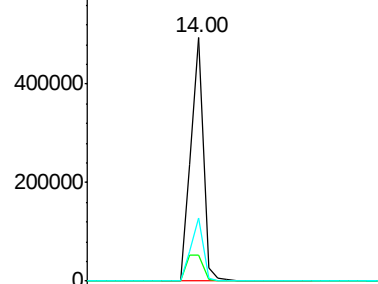


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093105.D
Acq: 23 Feb 2017 15:38

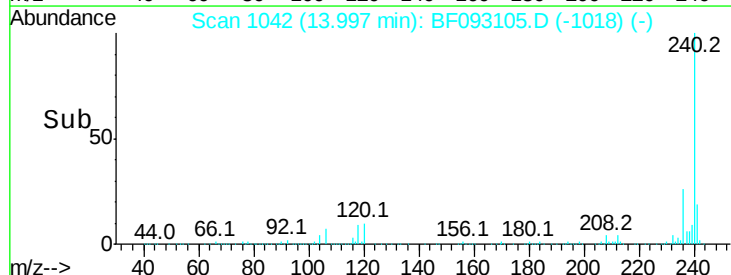
Tgt Ion:240 Resp: 530789
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 26.0 20.9 31.3

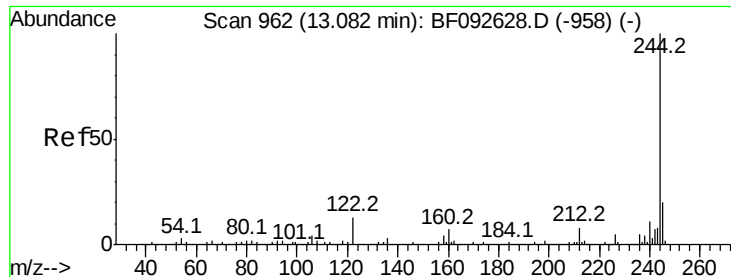


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 62.86 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

Instrument :

BNA_F

ClientSampleId :

PB97127BL

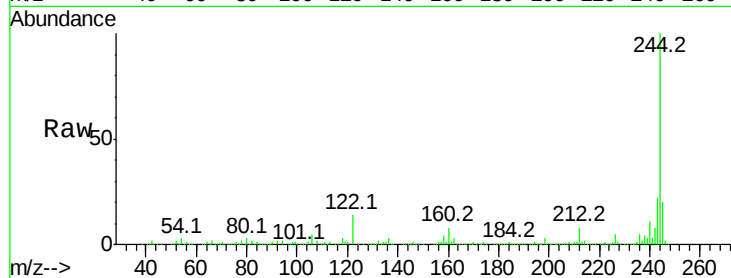
Tot Ion:244 Resp: 1419993

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

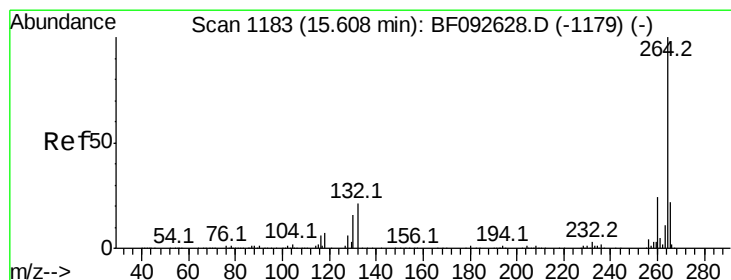
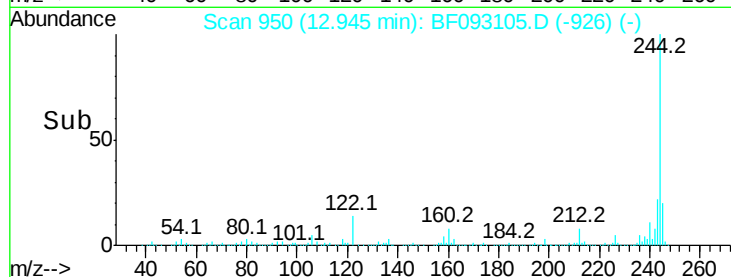
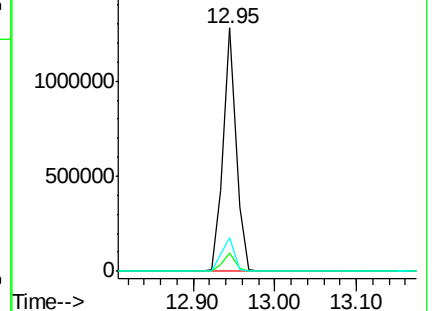
122 13.7 11.4 17.2



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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093105.D

Acq: 23 Feb 2017 15:38

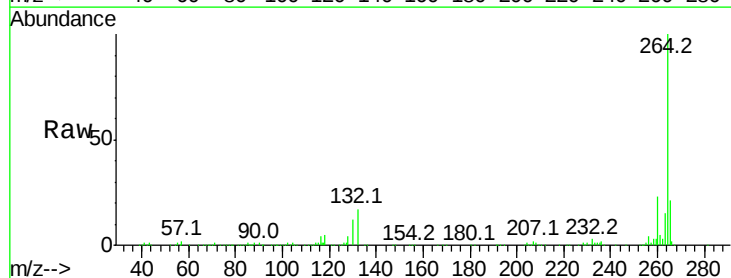
Tgt Ion:264 Resp: 418513

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.2 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

