

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092570.D
 Acq On : 27 Jan 2017 12:00
 Operator : SJ/MA
 Sample : I1353-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHATTANVILLEFB-2-11817

Quant Time: Jan 27 12:32:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168623	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	639995	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	371066	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	557791	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	370728	20.00	ng	-0.01
86) Perylene-d12	15.64	264	337256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	682469	62.97	ng	0.03
7) Phenol-d6	6.61	99	606627	43.94	ng	0.02
23) Nitrobenzene-d5	7.54	82	1077962	92.01	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	301164	119.10	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	2016515	100.49	ng	0.00
78) Terphenyl-d14	13.12	244	1727570	124.09	ng	0.00

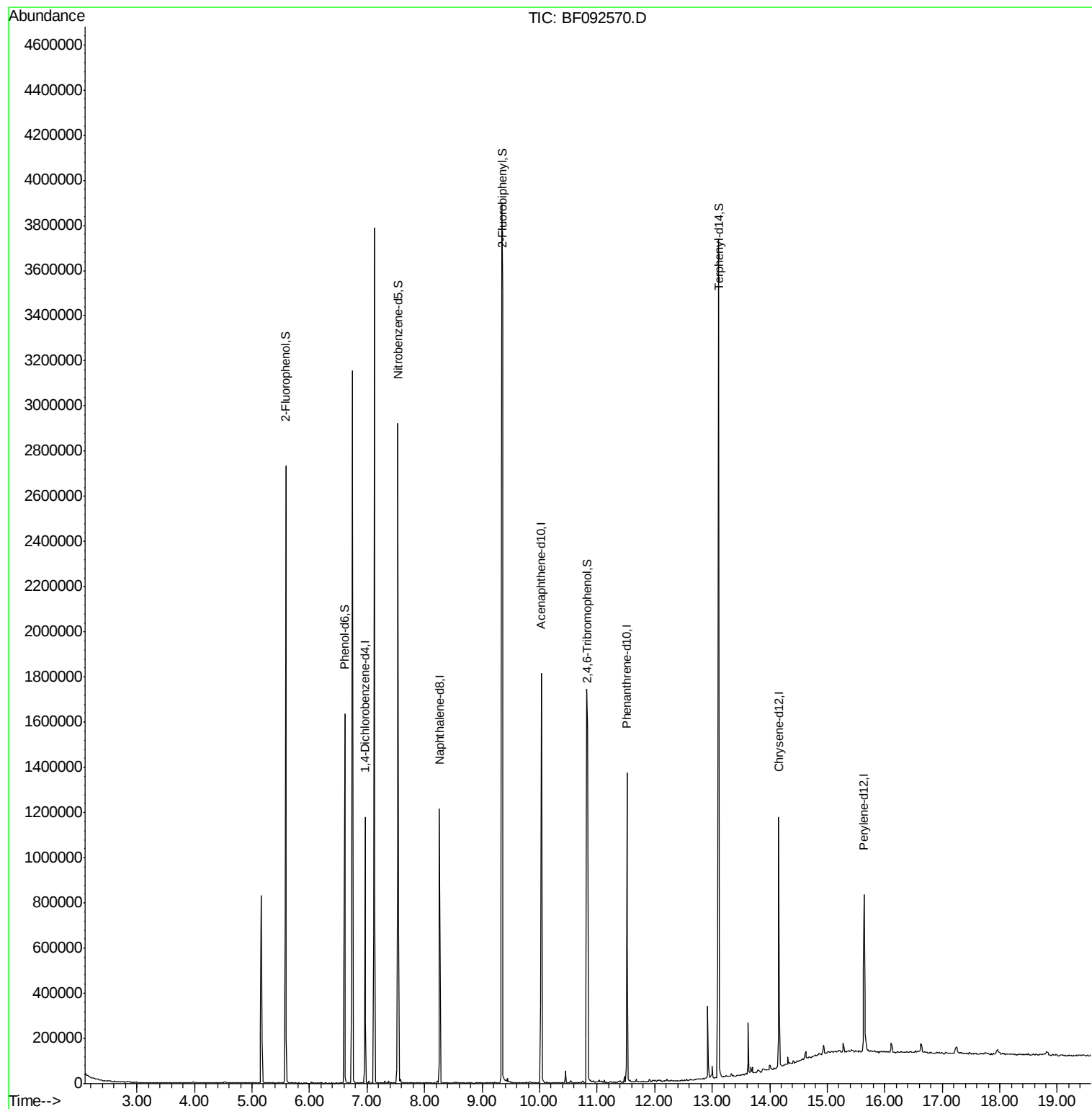
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092570.D

Acq: 27 Jan 2017 12:00

Instrument :

BNA_F

ClientSampleId :

MANHATTANVILLEFB-2-11817

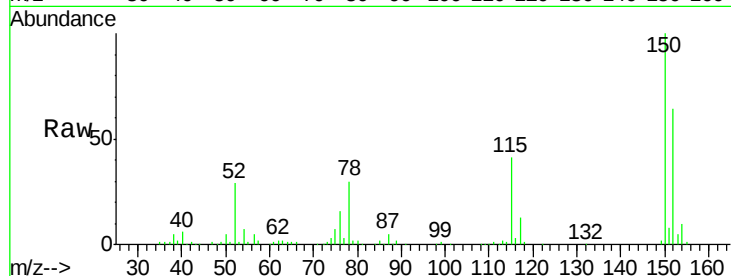
Tot Ion:152 Resp: 168623

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

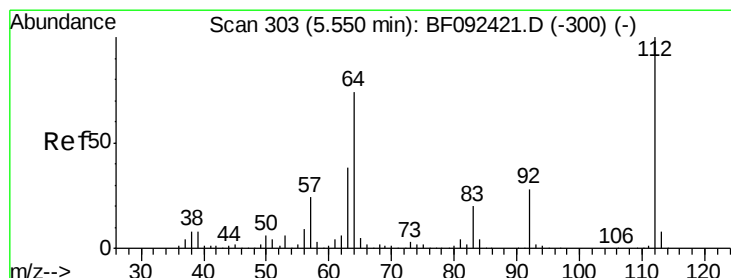
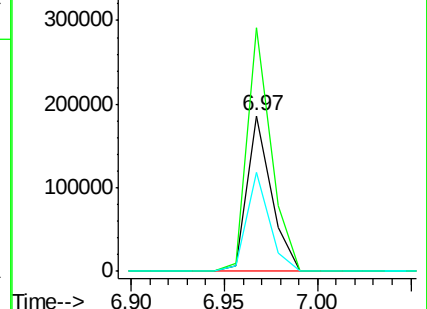
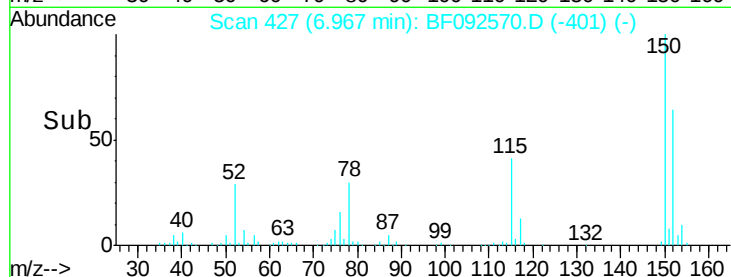
115 63.7 46.0 69.0



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: 62.97 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092570.D

Acq: 27 Jan 2017 12:00

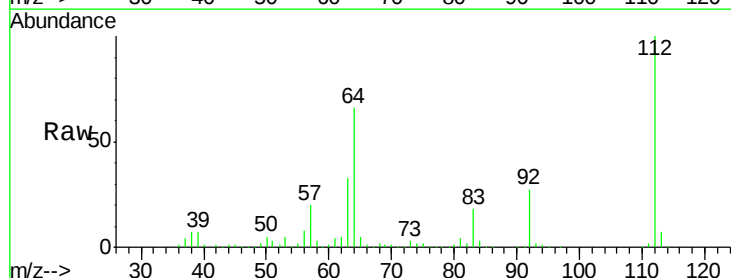
Tgt Ion:112 Resp: 682469

Ion Ratio Lower Upper

112 100

64 66.4 46.1 69.1

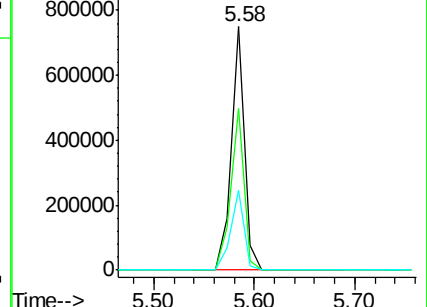
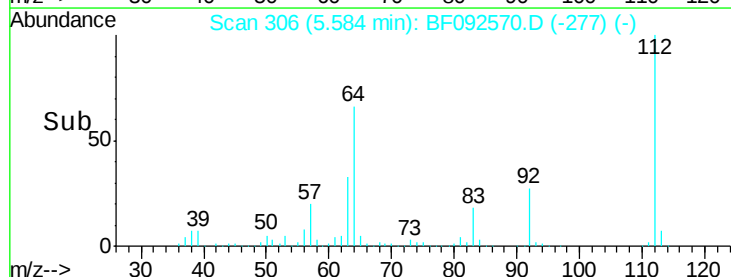
63 32.6 23.8 35.6

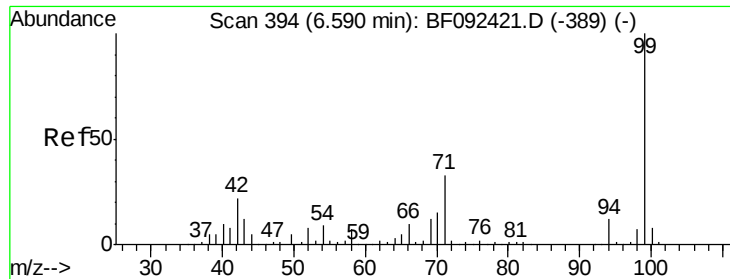


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.94 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF092570.D

Acq: 27 Jan 2017 12:00

Instrument :

BNA_F

ClientSampleId :

MANHATTANVILLEFB-2-11817

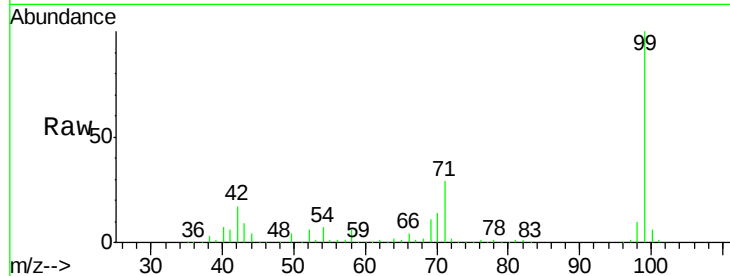
Tot Ion: 99 Resp: 606627

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

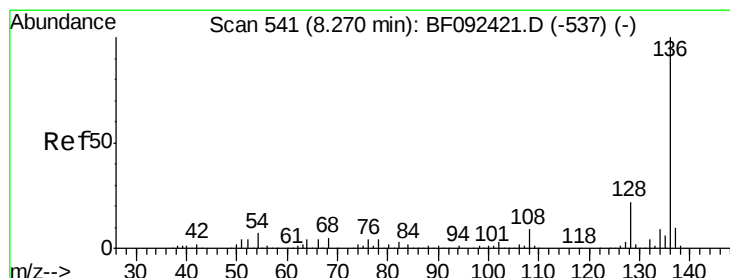
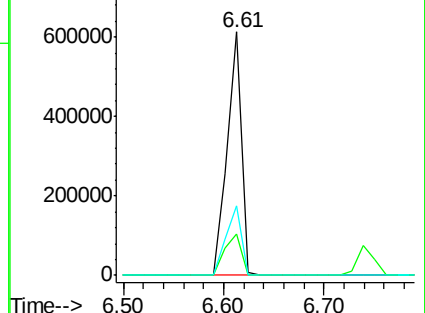
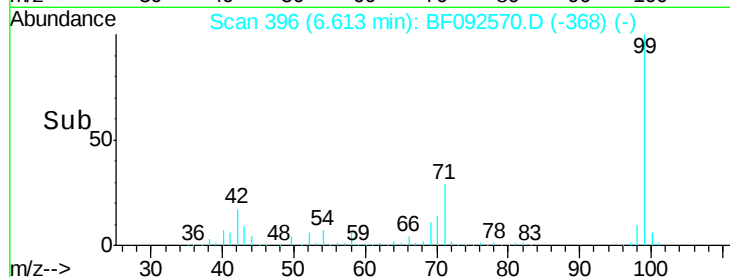
71 28.8 27.5 41.3



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: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092570.D

Acq: 27 Jan 2017 12:00

Tgt Ion: 136 Resp: 639995

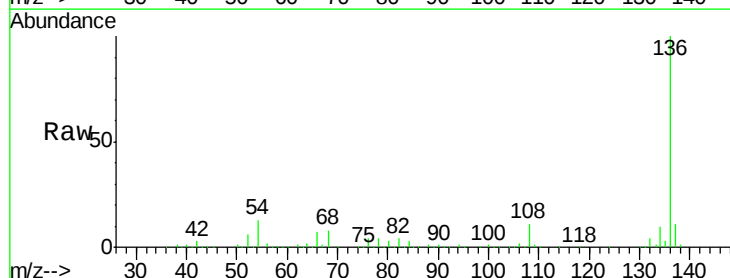
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 12.7 4.5 6.7#

68 8.1 3.6 5.4#

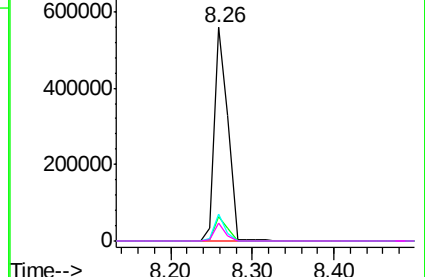
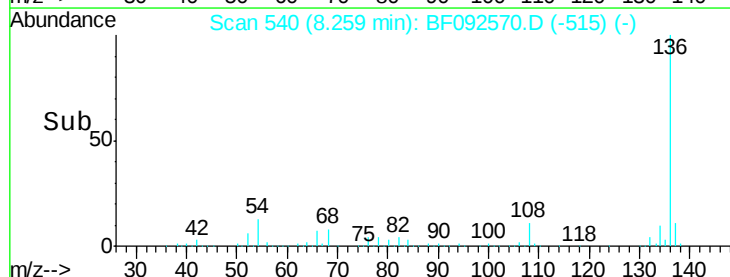


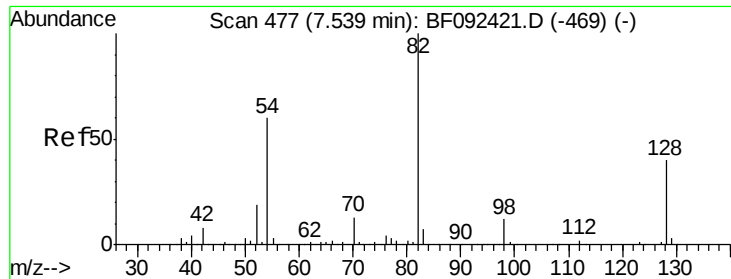
Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.01 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092570.D

Acq: 27 Jan 2017 12:00

Instrument :

BNA_F

ClientSampleId :

MANHATTANVILLEFB-2-11817

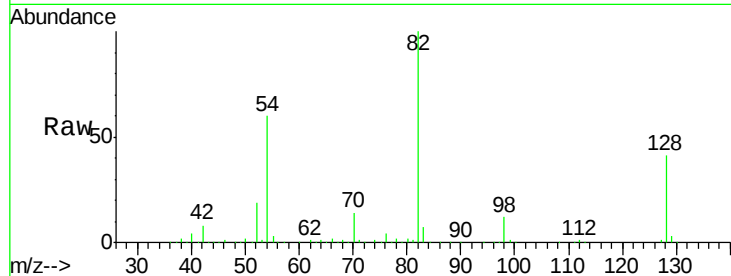
Tot Ion: 82 Resp: 1077962

Ion Ratio Lower Upper

82 100

128 41.1 34.6 52.0

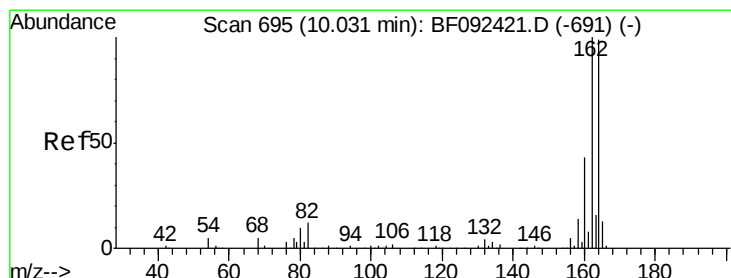
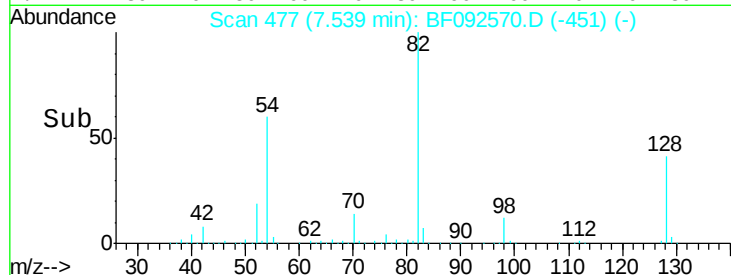
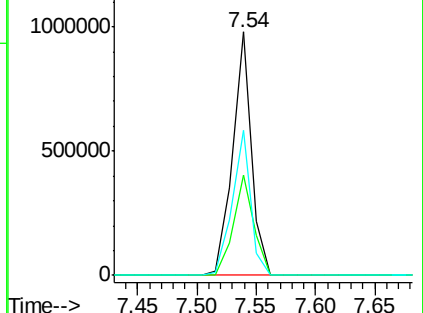
54 59.5 39.5 59.3#



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: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092570.D

Acq: 27 Jan 2017 12:00

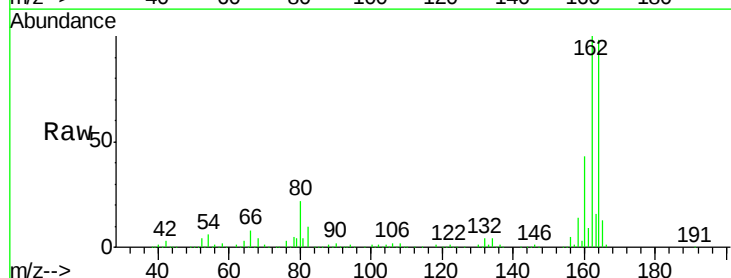
Tgt Ion:164 Resp: 371066

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

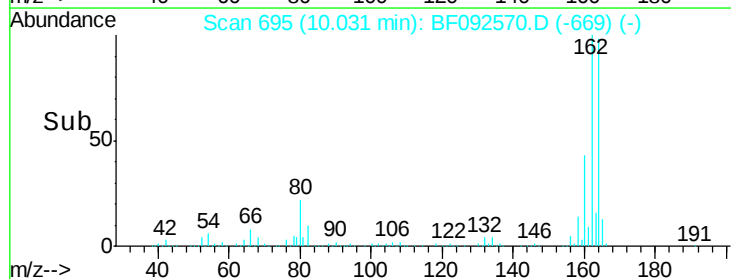
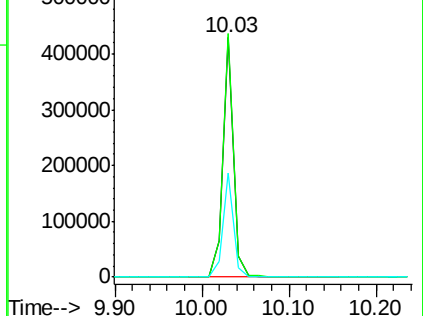
160 43.3 36.9 55.3

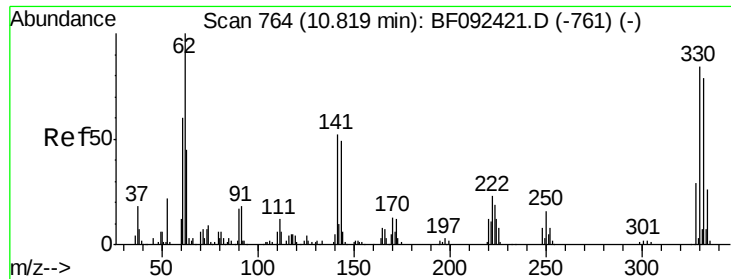


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

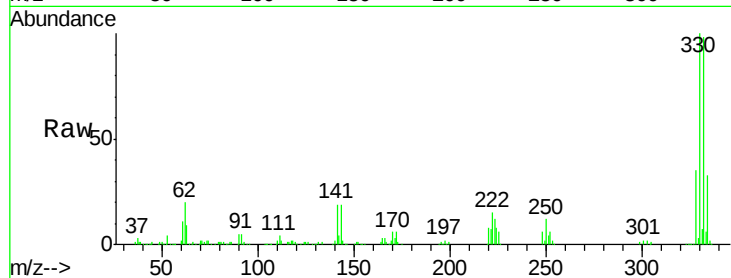




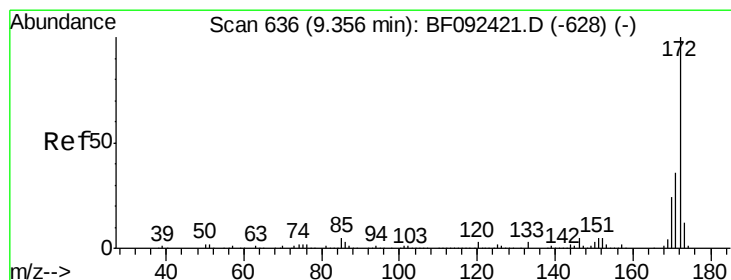
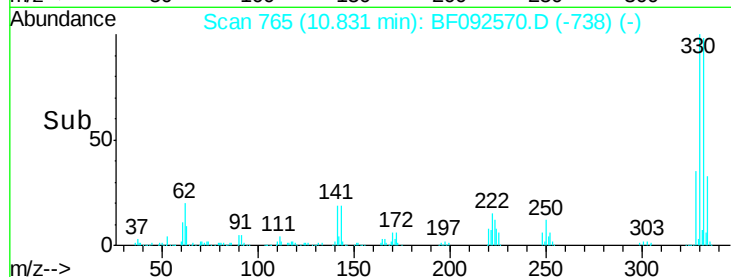
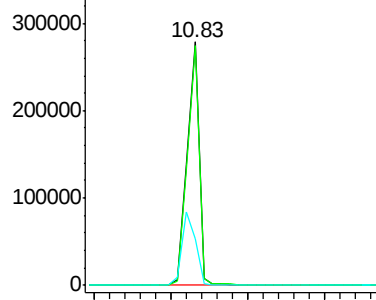
#41
 2,4,6-Tribromophenol
 Concen: 119.10 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092570.D
 Acq: 27 Jan 2017 12:00

Instrument :
 BNA_F
 ClientSampleId :
 MANHATTANVILLEFB-2-11817

Tot Ion:330 Resp: 301164
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 34.7 34.1 51.1

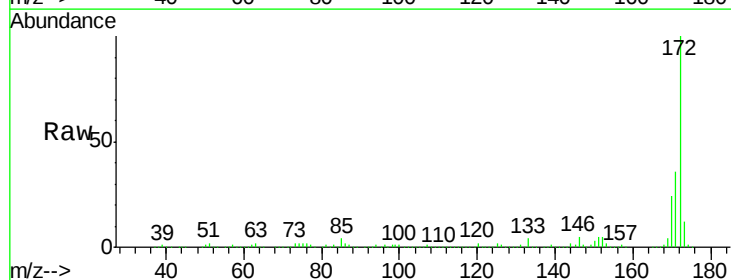


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

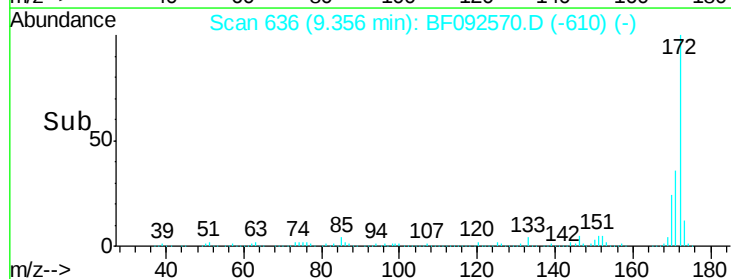
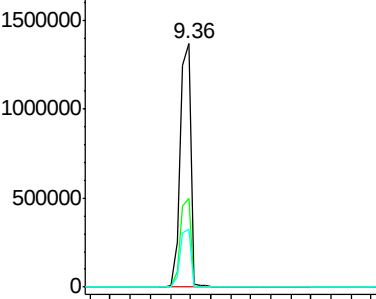


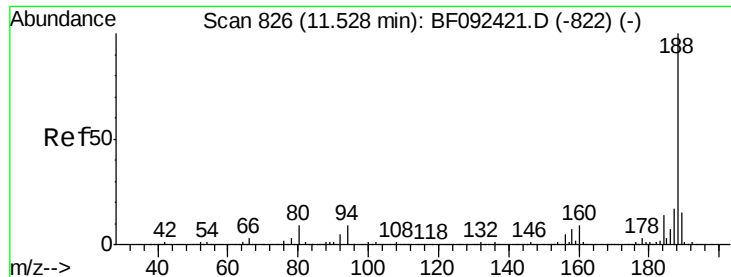
#44
 2-Fluorobiphenyl
 Concen: 100.49 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092570.D
 Acq: 27 Jan 2017 12:00

Tgt Ion:172 Resp: 2016515
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.1 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

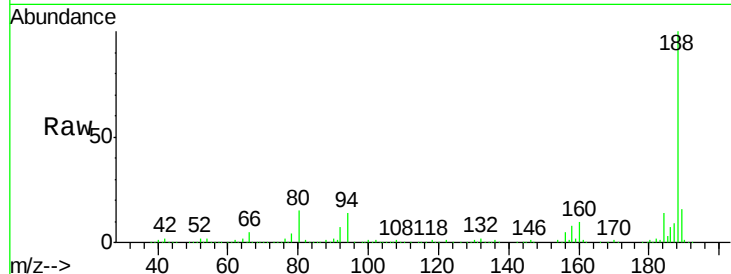




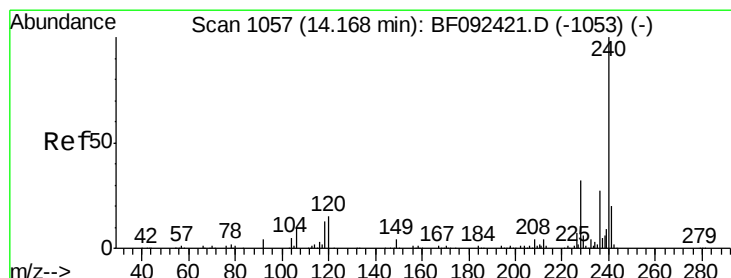
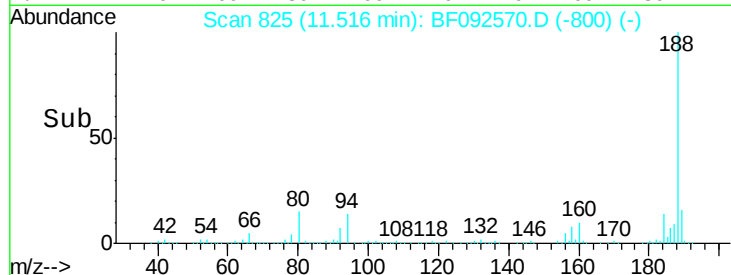
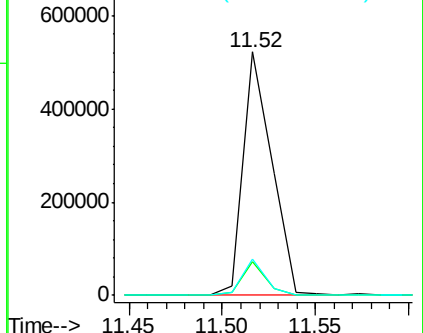
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092570.D
Acq: 27 Jan 2017 12:00

Instrument :
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MANHATTANVILLEFB-2-11817

Tot Ion:188 Resp: 557791
Ion Ratio Lower Upper
188 100
94 14.1 10.0 15.0
80 14.7 11.2 16.8

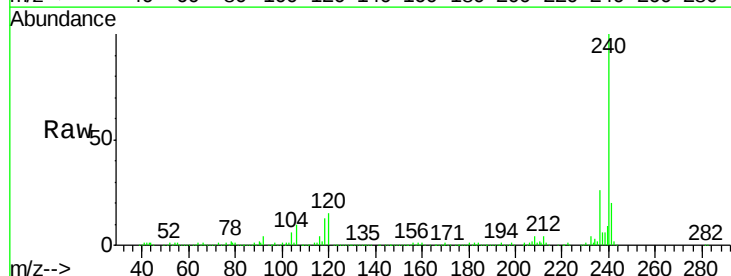


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

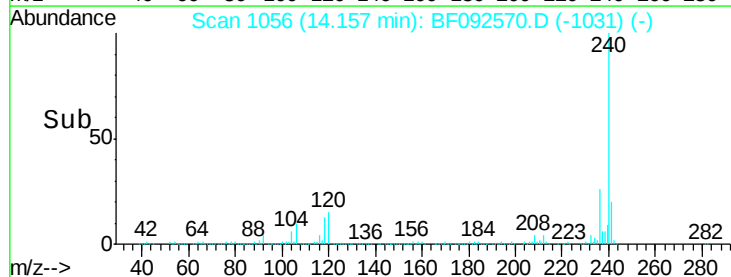
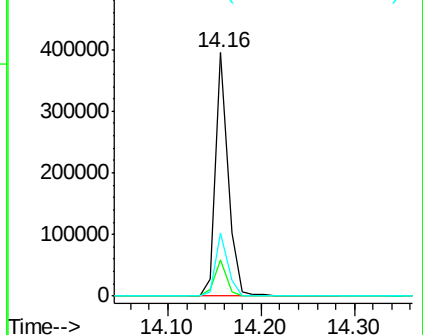


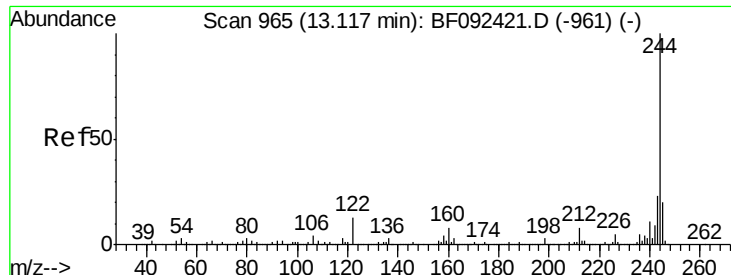
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092570.D
Acq: 27 Jan 2017 12:00

Tgt Ion:240 Resp: 370728
Ion Ratio Lower Upper
240 100
120 15.0 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: 124.09 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092570.D

Acq: 27 Jan 2017 12:00

Instrument :

BNA_F

ClientSampleId :

MANHATTANVILLEFB-2-11817

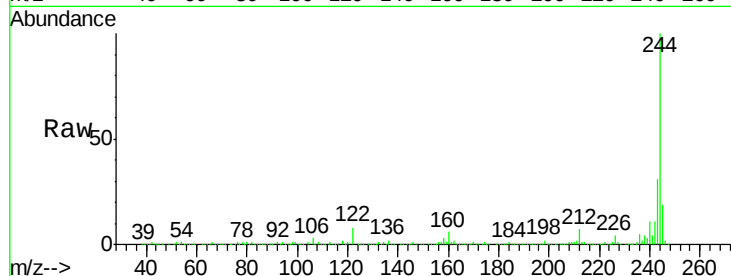
Tot Ion:244 Resp: 1727570

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

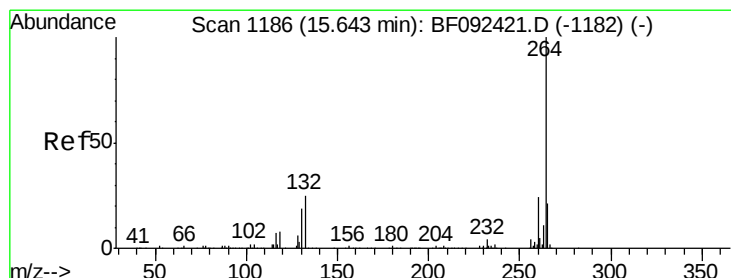
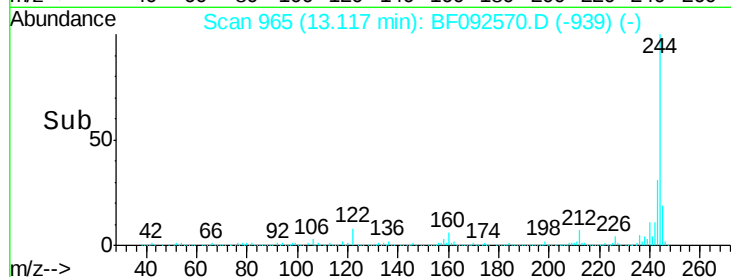
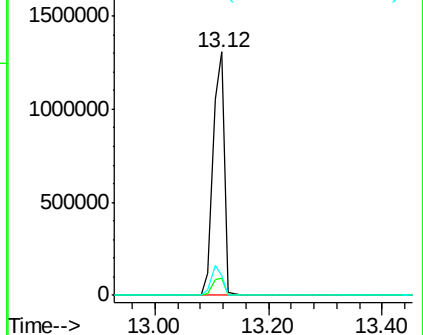
122 8.3 11.4 17.2#



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: 15.64 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF092570.D

Acq: 27 Jan 2017 12:00

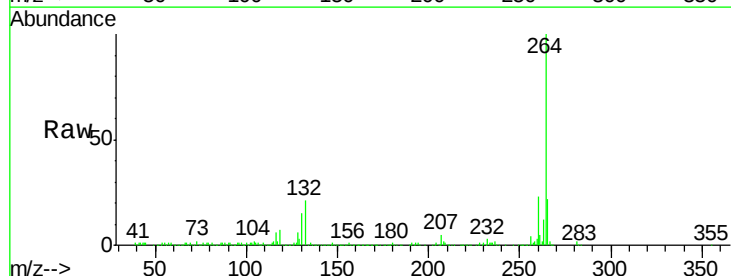
Tgt Ion:264 Resp: 337256

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 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

