

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092953.D
 Acq On : 15 Feb 2017 16:18
 Operator : SJ/MA
 Sample : PB96964TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96964TB

Quant Time: Feb 15 17:02:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140763	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	605865	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	327859	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	574857	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	483071	20.00	ng	-0.03
86) Perylene-d12	15.46	264	432867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1202560	146.57	ng	0.00
7) Phenol-d6	6.51	99	1288300	122.03	ng	-0.02
23) Nitrobenzene-d5	7.44	82	864116	79.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	335557	141.51	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1494928	82.61	ng	-0.01
78) Terphenyl-d14	12.98	244	1519220	73.90	ng	-0.01

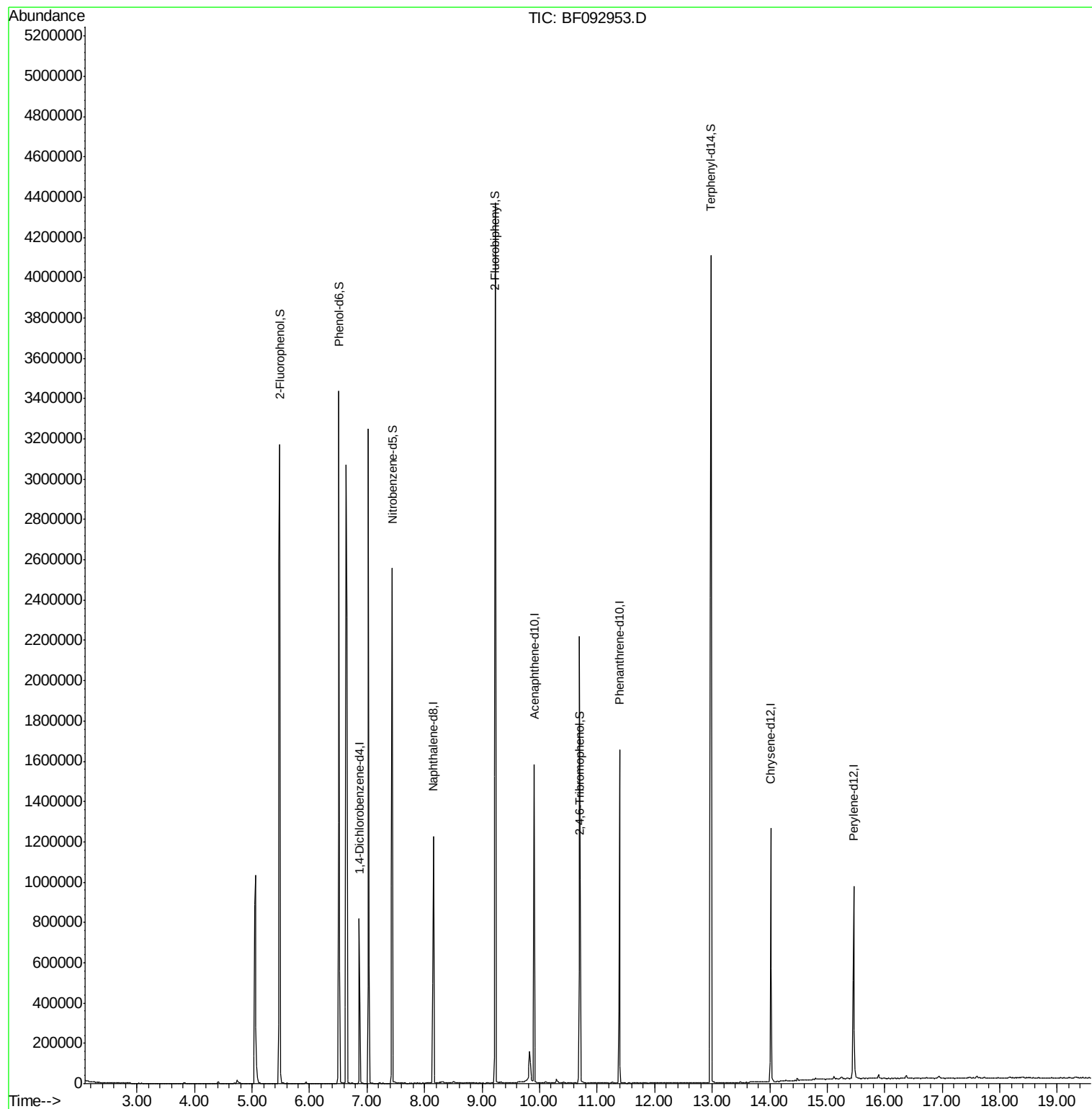
Target Compounds	Qvalue
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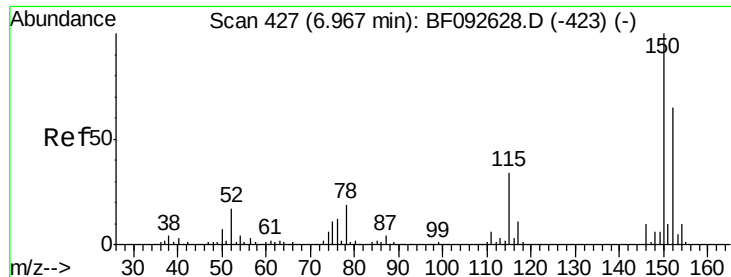
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

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PB96964TB

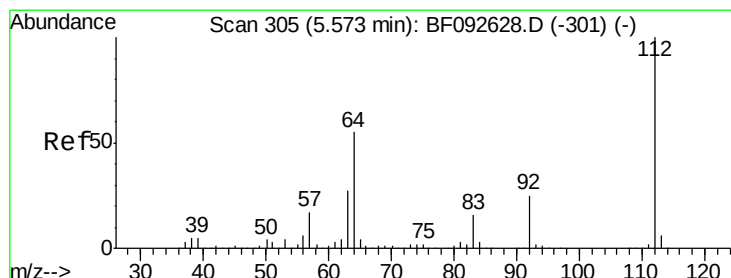
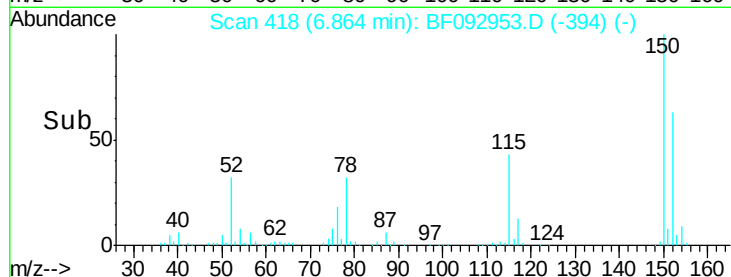
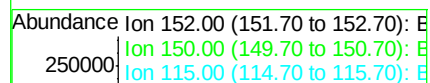
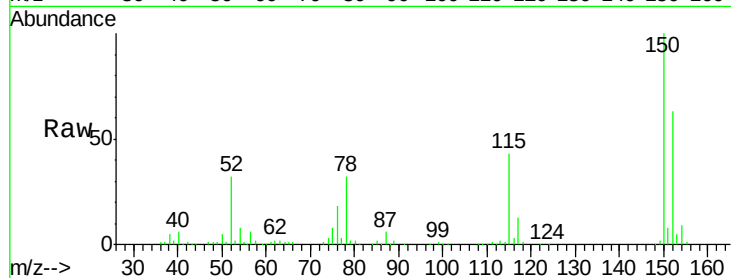
Tgt Ion:152 Resp: 140763

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

115 68.2 46.0 69.0



#5

2-Fluorophenol

Concen: 146.57 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

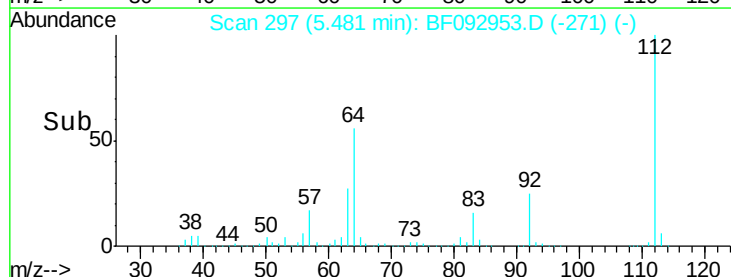
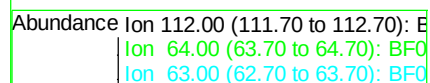
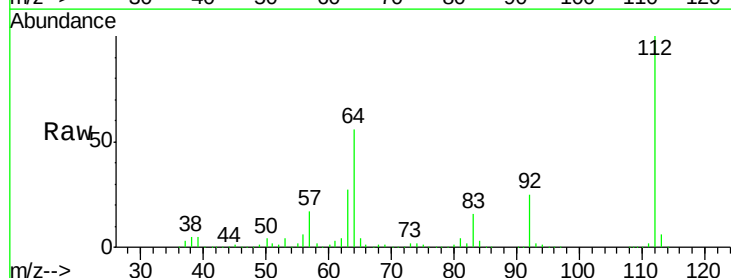
Tgt Ion:112 Resp: 1202560

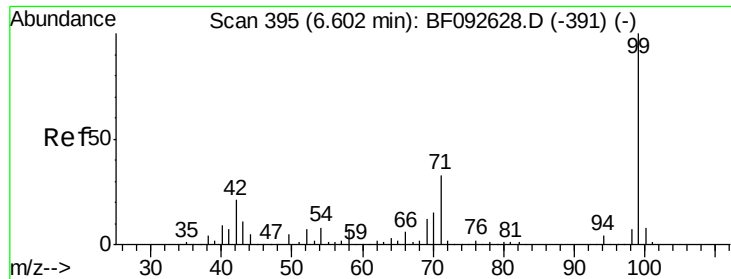
Ion Ratio Lower Upper

112 100

64 56.1 46.1 69.1

63 27.3 23.8 35.6





#7

Phenol-d6

Concen: 122.03 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96964TB

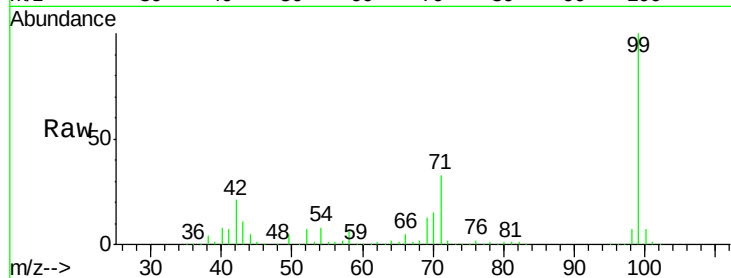
Tgt Ion: 99 Resp: 1288300

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

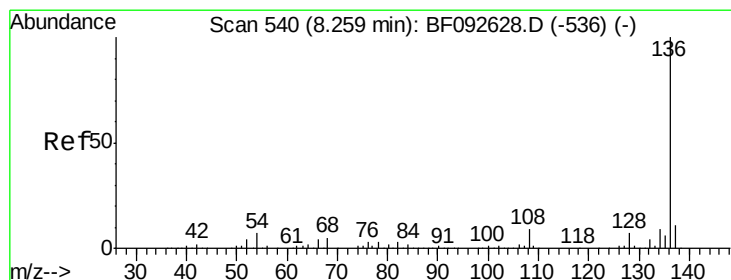
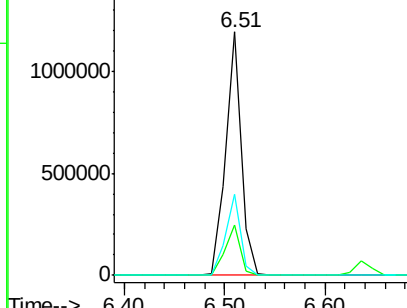
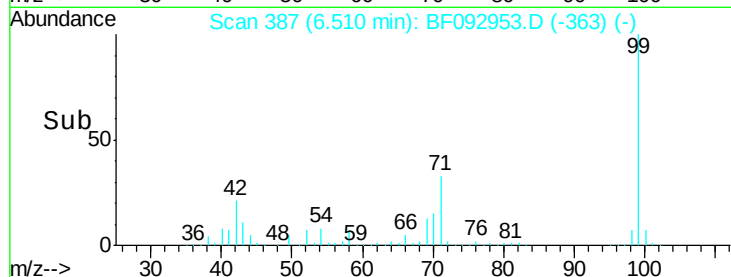
71 33.2 27.5 41.3



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: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092953.D

Acq: 15 Feb 2017 16:18

Tgt Ion: 136 Resp: 605865

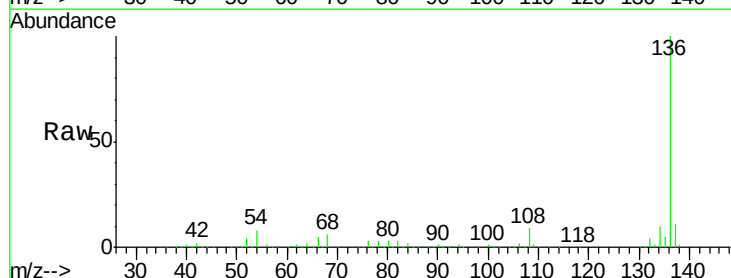
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.0 4.5 6.7#

68 5.6 3.6 5.4#

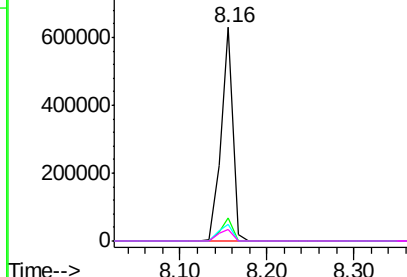
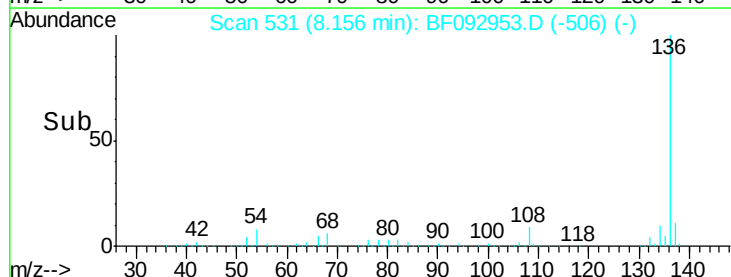


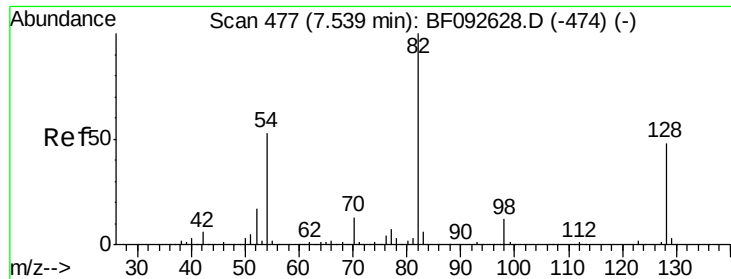
Abundance Ion 136.00 (135.70 to 136.70): E

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

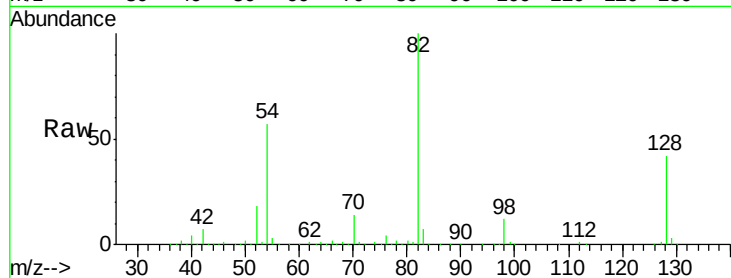




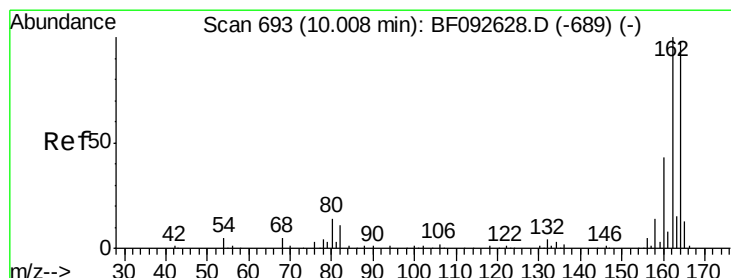
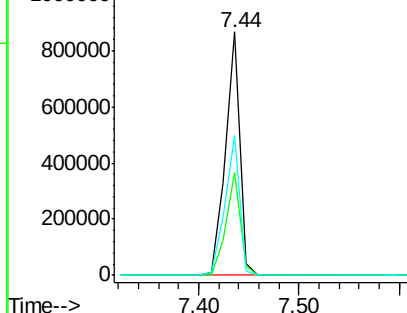
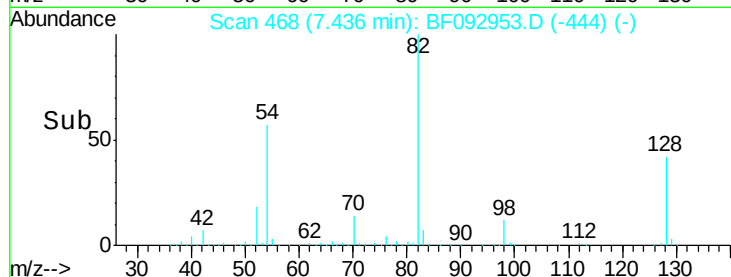
#23
 Nitrobenzene-d5
 Concen: 79.42 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Instrument :
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 ClientSampleId :
 PB96964TB

Tgt Ion: 82 Resp: 864116
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 57.4 39.5 59.3

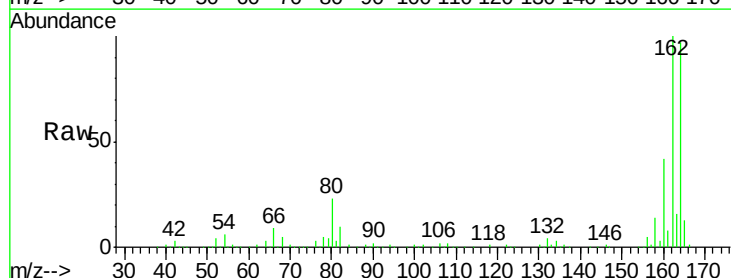


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

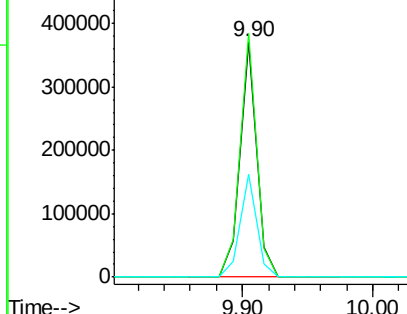
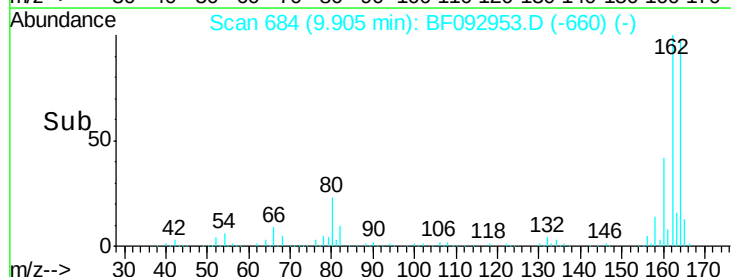


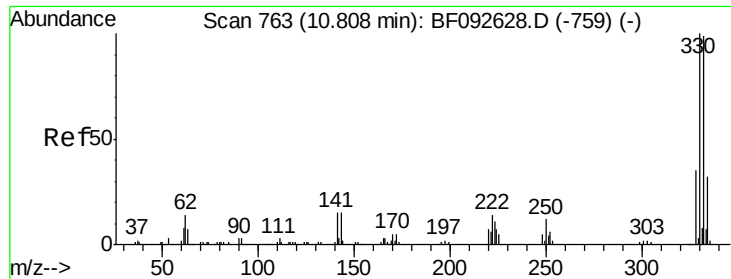
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Tgt Ion: 164 Resp: 327859
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.2 120.2
 160 44.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

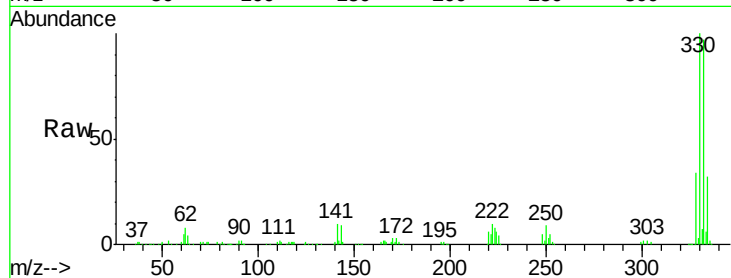




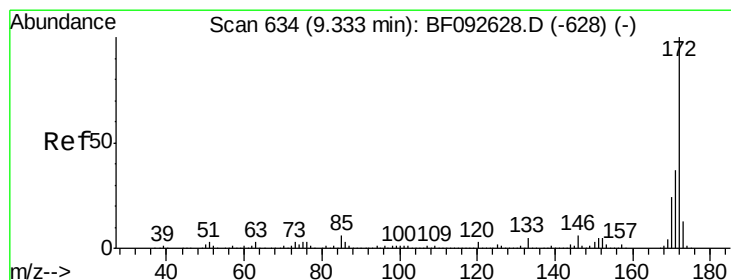
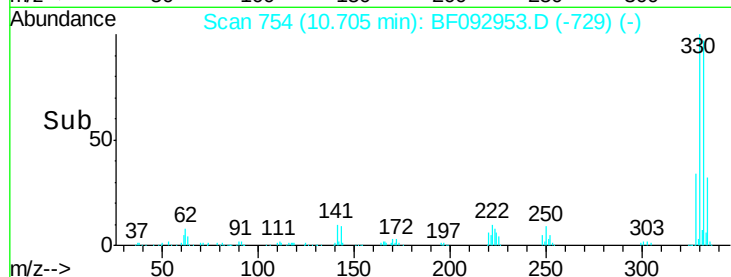
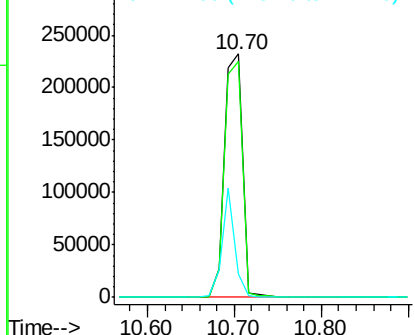
#41
 2,4,6-Tribromophenol
 Concen: 141.51 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96964TB

Tgt Ion:330 Resp: 335557
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 32.2 34.1 51.1#

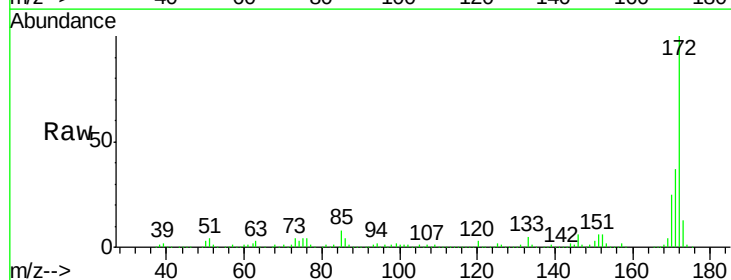


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

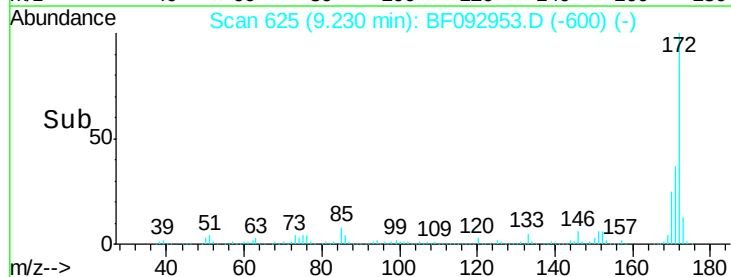
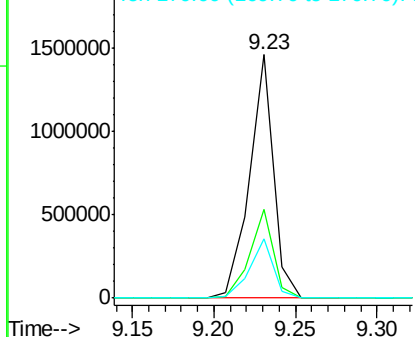


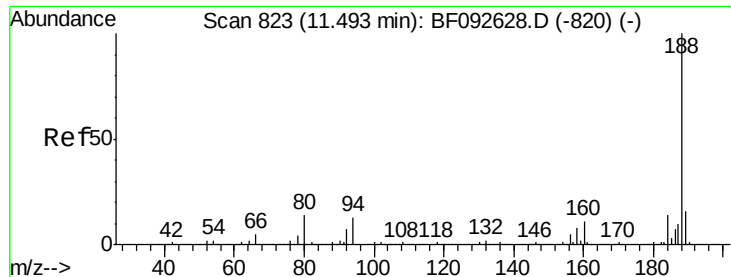
#44
 2-Fluorobiphenyl
 Concen: 82.61 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Tgt Ion:172 Resp: 1494928
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.6 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

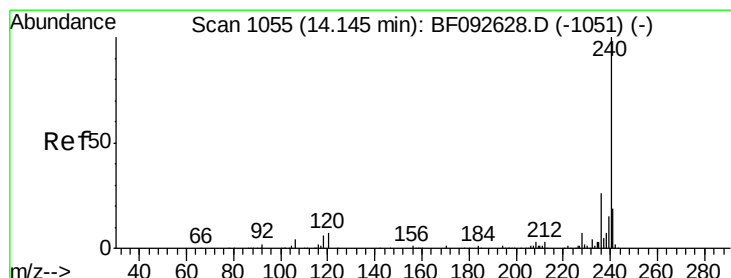
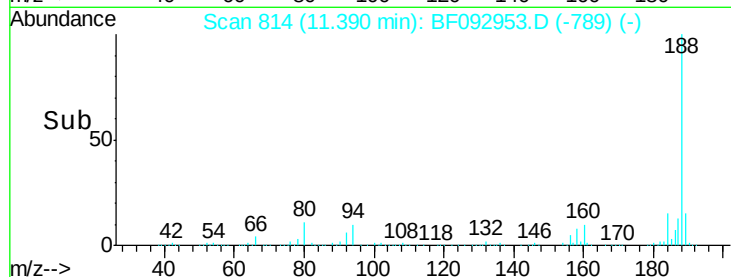
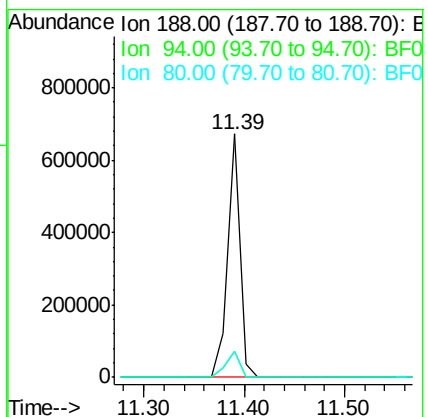
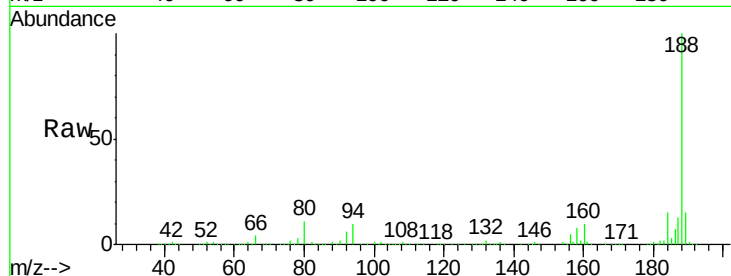




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092953.D
Acq: 15 Feb 2017 16:18

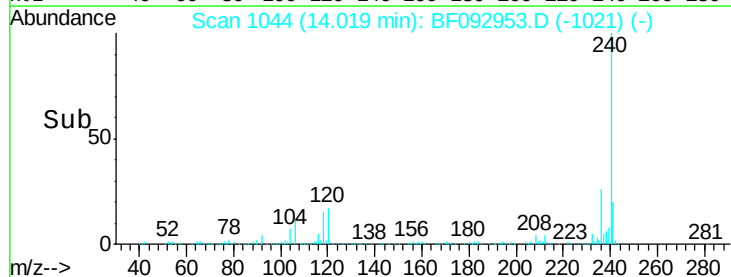
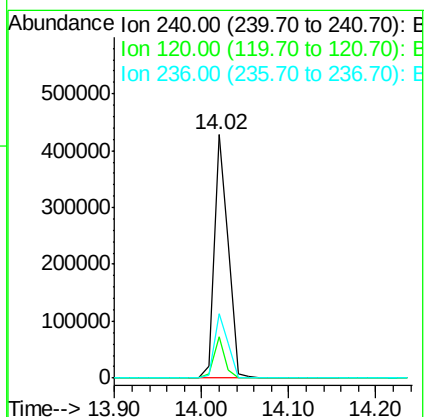
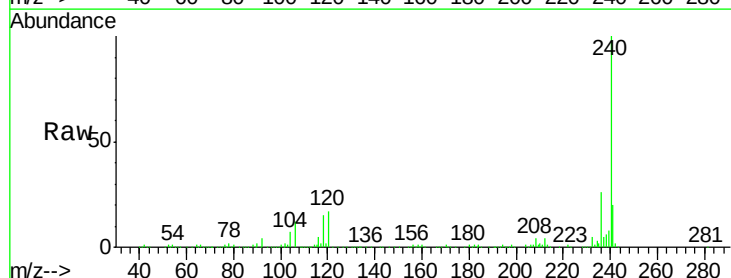
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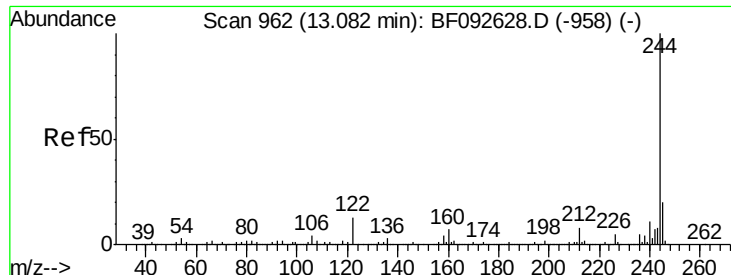
Tgt Ion:188 Resp: 574857
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 10.8 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092953.D
Acq: 15 Feb 2017 16:18

Tgt Ion:240 Resp: 483071
Ion Ratio Lower Upper
240 100
120 16.8 12.9 19.3
236 26.3 20.9 31.3

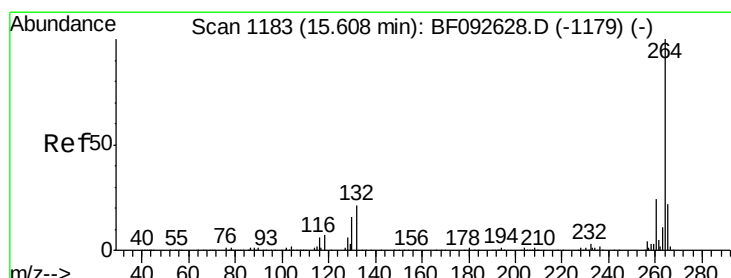
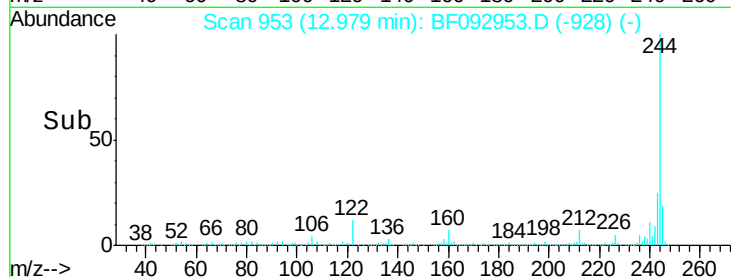
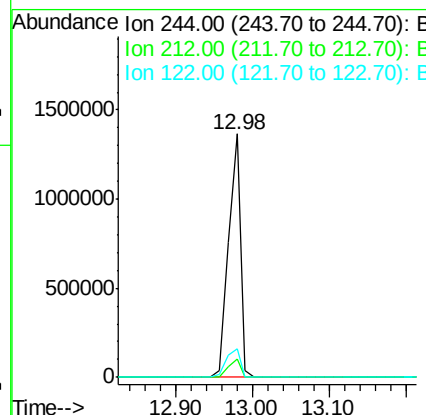
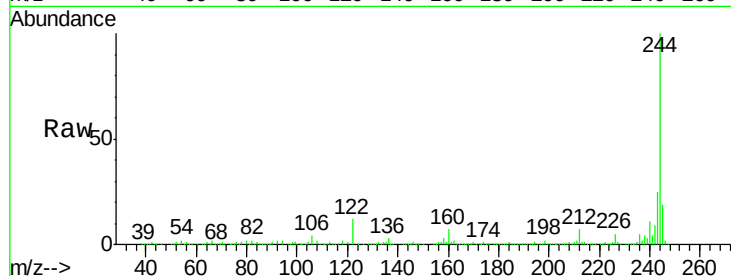




#78
 Terphenyl-d14
 Concen: 73.90 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96964TB

Tgt Ion:244 Resp: 1519220
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092953.D
 Acq: 15 Feb 2017 16:18

Tgt Ion:264 Resp: 432867
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.4 26.0

