

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092785.D
 Acq On : 3 Feb 2017 19:49
 Operator : SJ/MA
 Sample : PB96697TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96697TB

Quant Time: Feb 03 23:27:33 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	124024	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	521163	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	335157	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	498260	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	473224	20.00	ng	-0.05
86) Perylene-d12	15.56	264	416052	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1055983	146.07	ng	-0.03
7) Phenol-d6	6.57	99	1224378	131.63	ng	-0.03
23) Nitrobenzene-d5	7.49	82	804117	85.92	ng	-0.05
41) 2,4,6-Tribromophenol	10.76	330	284850	117.51	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1459724	78.90	ng	-0.05
78) Terphenyl-d14	13.05	244	1333341	66.20	ng	-0.03

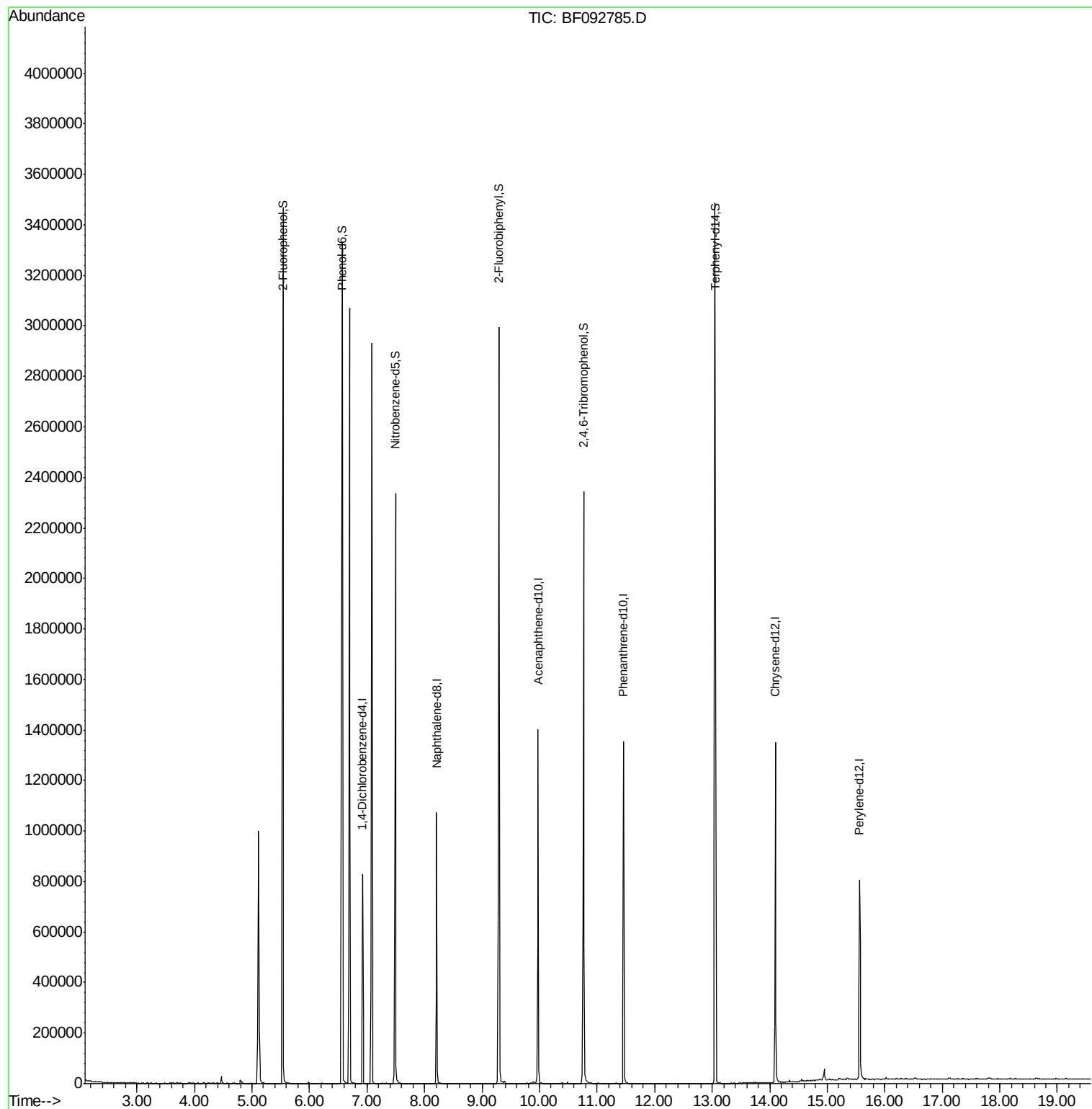
Target Compounds	Qvalue
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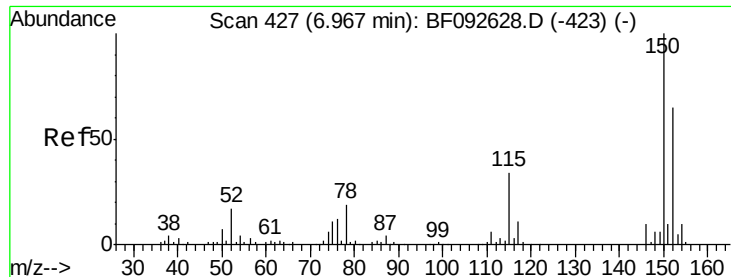
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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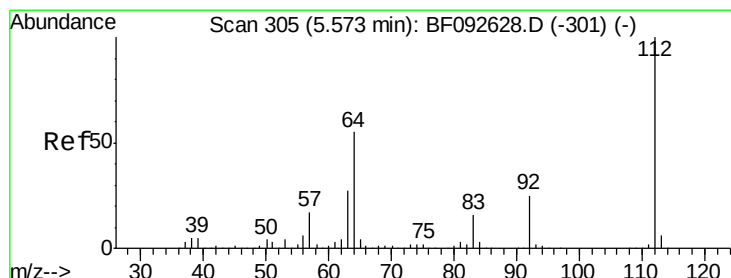
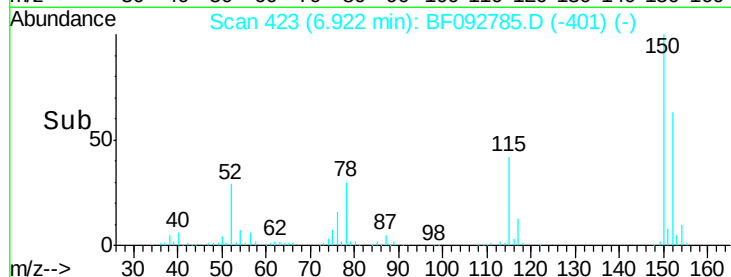
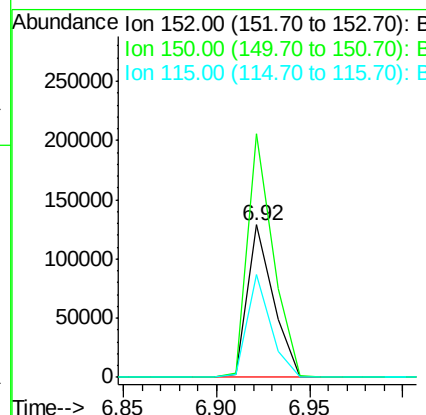
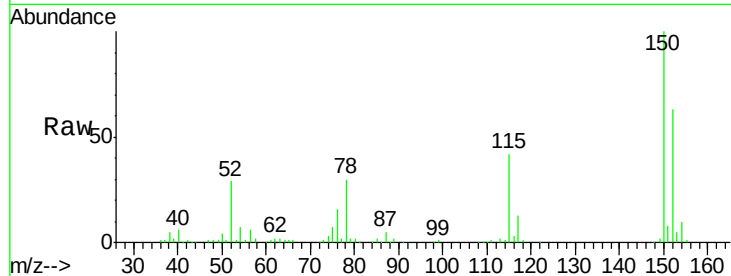


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.05 min
 Lab File: BF092785.D
 Acq: 3 Feb 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PB96697TB

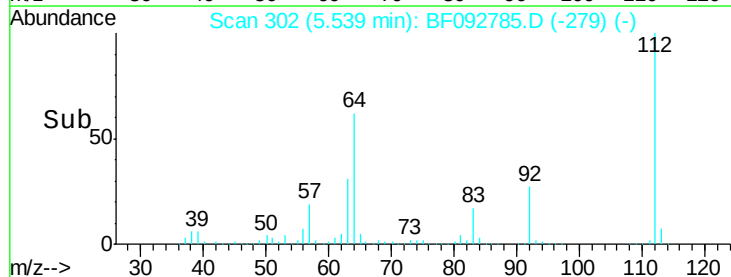
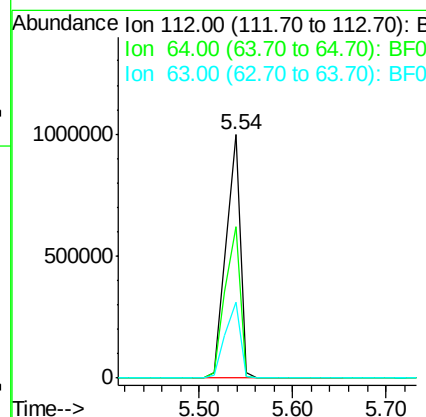
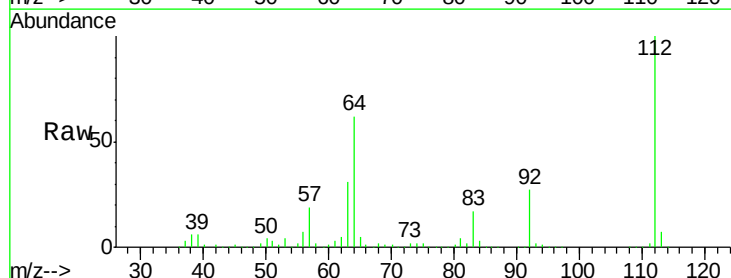
Tgt Ion:152 Resp: 124024
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.9 187.3
 115 67.5 46.0 69.0

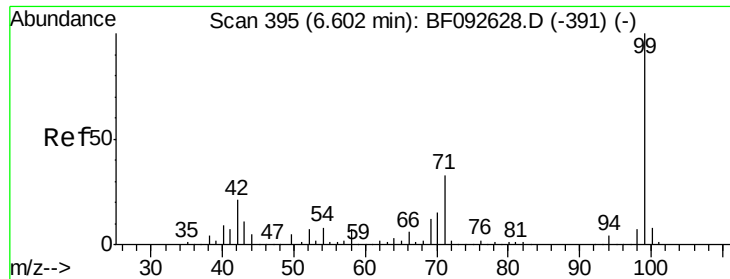


#5

2-Fluorophenol
 Concen: 146.07 ng
 RT: 5.54 min Scan# 302
 Delta R.T. -0.03 min
 Lab File: BF092785.D
 Acq: 3 Feb 2017 19:49

Tgt Ion:112 Resp: 1055983
 Ion Ratio Lower Upper
 112 100
 64 62.2 46.1 69.1
 63 31.2 23.8 35.6





#7

Phenol-d6

Concen: 131.63 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092785.D

Acq: 3 Feb 2017 19:49

Instrument :

BNA_F

ClientSampleId :

PB96697TB

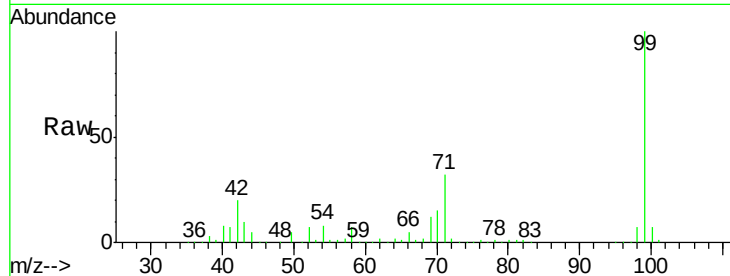
Tgt Ion: 99 Resp: 1224378

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

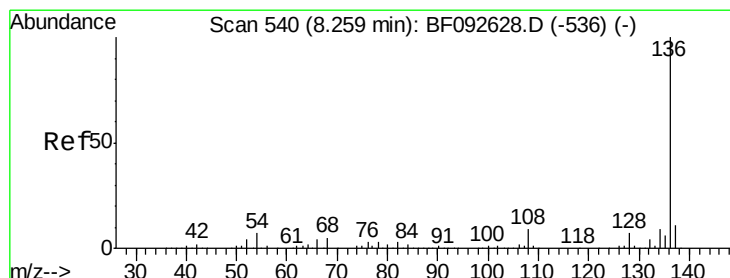
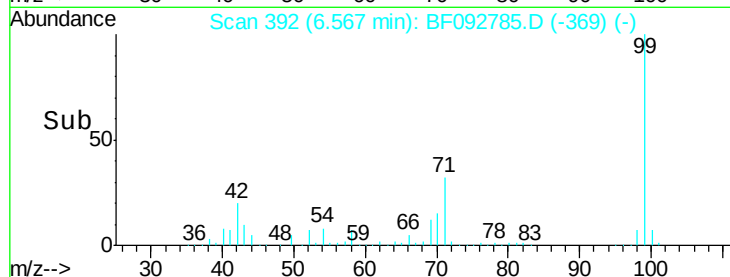
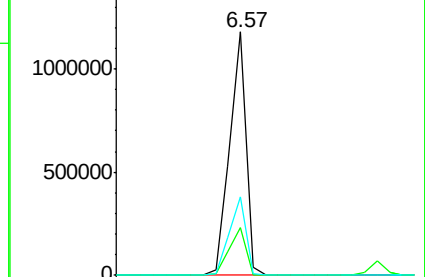
71 32.3 27.5 41.3



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: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF092785.D

Acq: 3 Feb 2017 19:49

Tgt Ion: 136 Resp: 521163

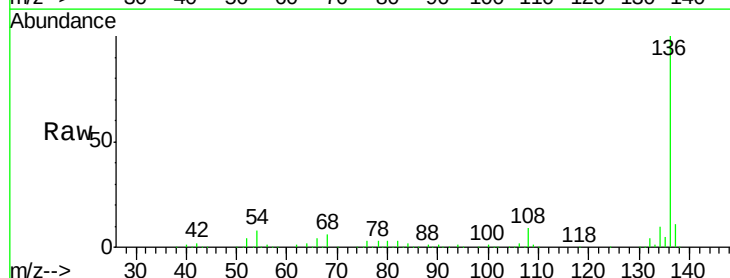
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.5 4.5 6.7#

68 5.7 3.6 5.4#

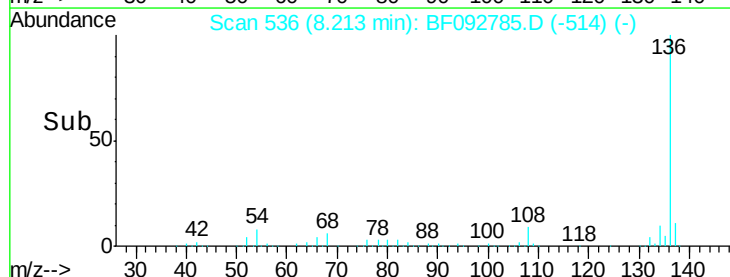
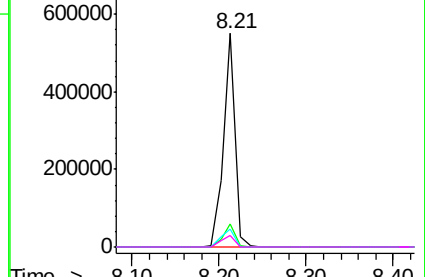


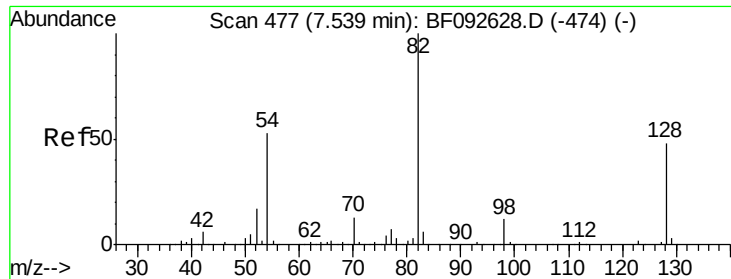
Abundance Ion 136.00 (135.70 to 136.70): E

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

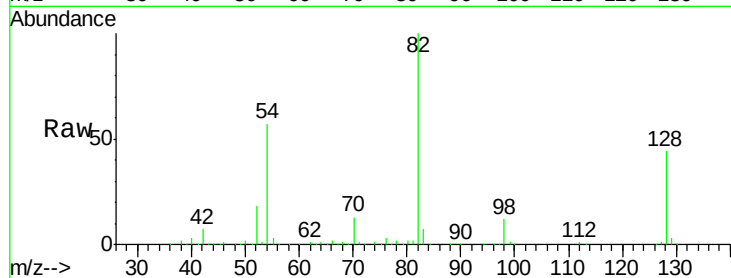




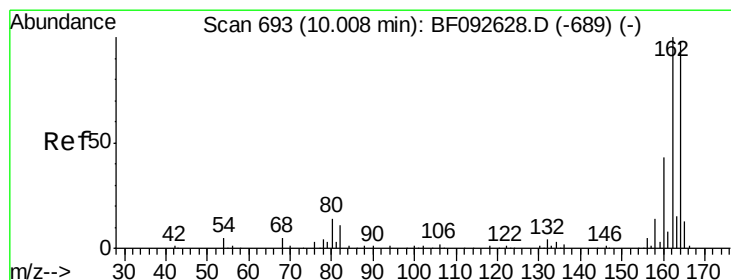
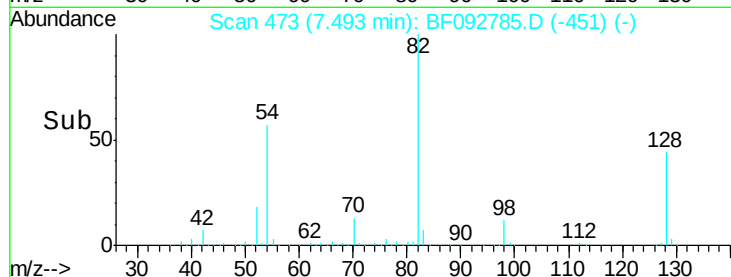
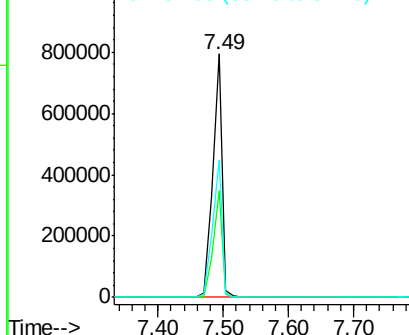
#23
 Nitrobenzene-d5
 Concen: 85.92 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092785.D
 Acq: 3 Feb 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PB96697TB

Tgt Ion: 82 Resp: 804117
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.6 52.0
 54 56.5 39.5 59.3

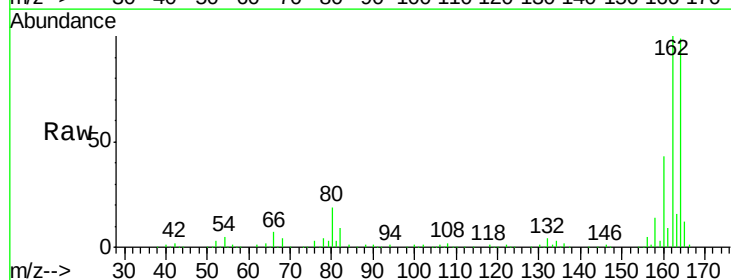


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

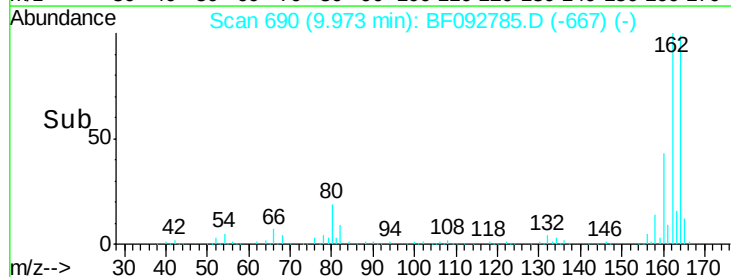
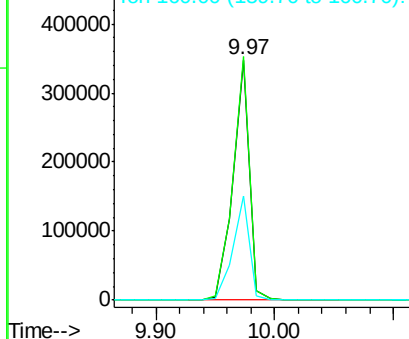


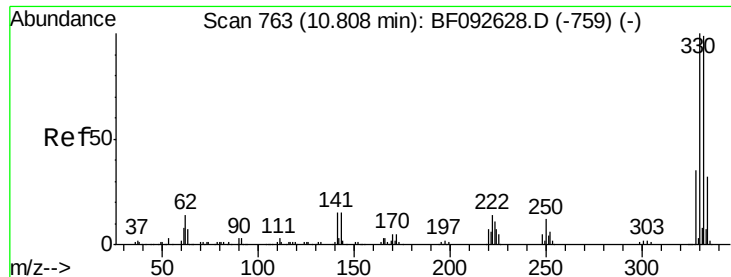
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092785.D
 Acq: 3 Feb 2017 19:49

Tgt Ion: 164 Resp: 335157
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.2
 160 43.5 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

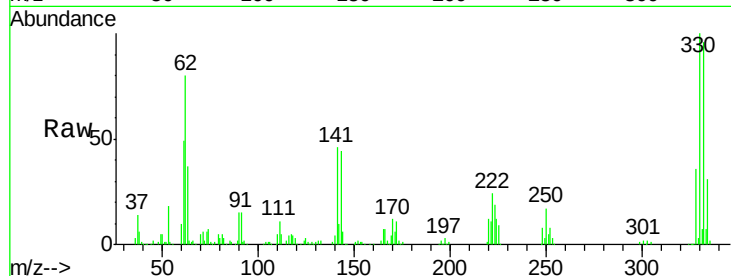




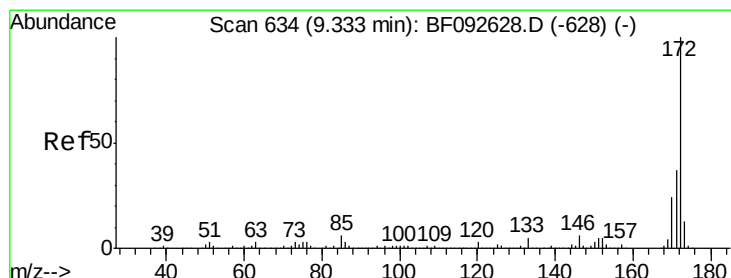
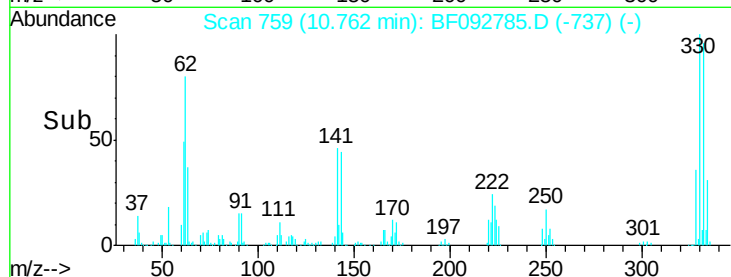
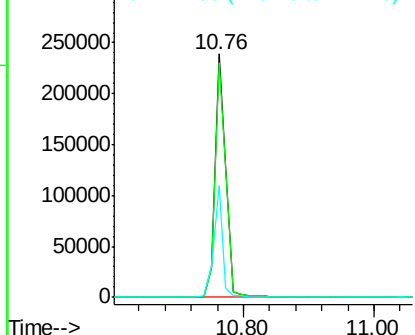
#41
 2,4,6-Tribromophenol
 Concen: 117.51 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.05 min
 Lab File: BF092785.D
 Acq: 3 Feb 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PB96697TB

Tgt Ion:330 Resp: 284850
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 37.9 34.1 51.1

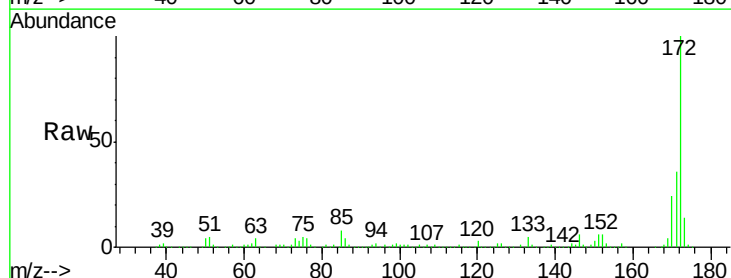


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

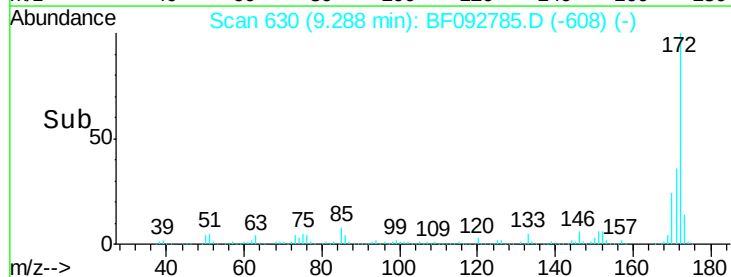
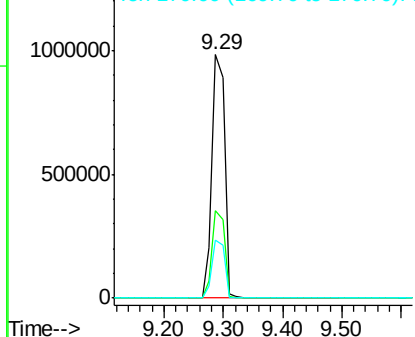


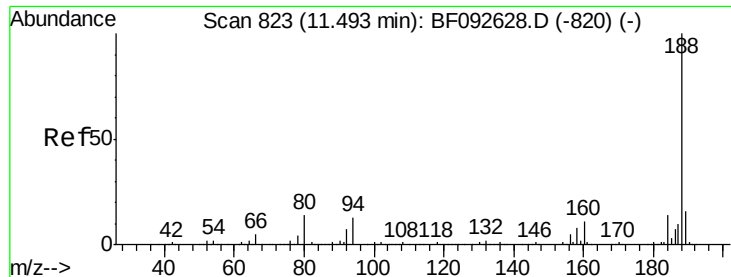
#44
 2-Fluorobiphenyl
 Concen: 78.90 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF092785.D
 Acq: 3 Feb 2017 19:49

Tgt Ion:172 Resp: 1459724
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.0 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

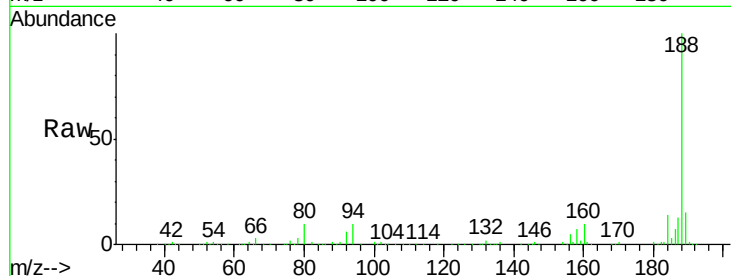




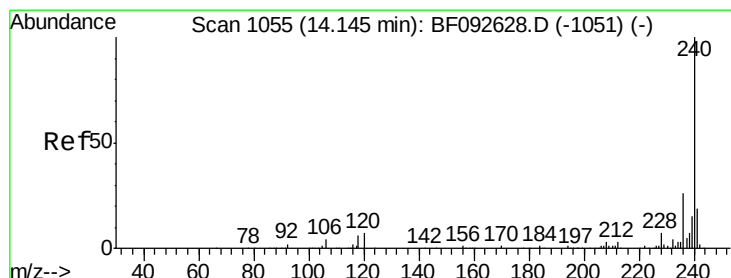
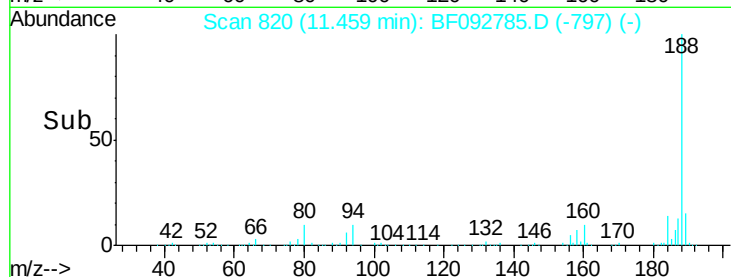
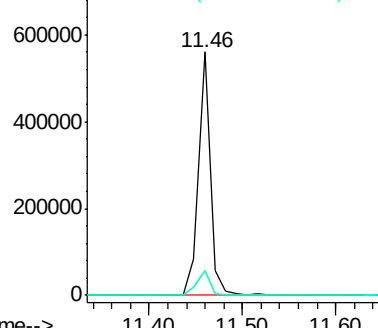
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092785.D
Acq: 3 Feb 2017 19:49

Instrument :
BNA_F
ClientSampleId :
PB96697TB

Tgt Ion:188 Resp: 498260
Ion Ratio Lower Upper
188 100
94 10.1 10.0 15.0
80 10.3 11.2 16.8#

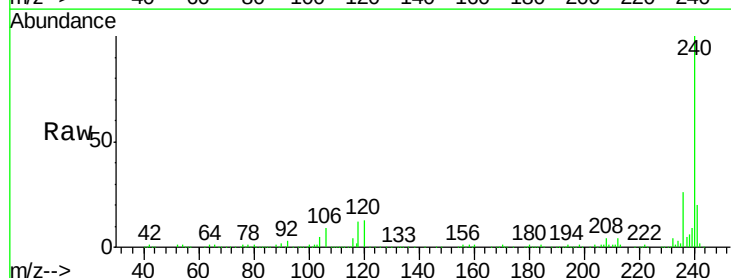


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

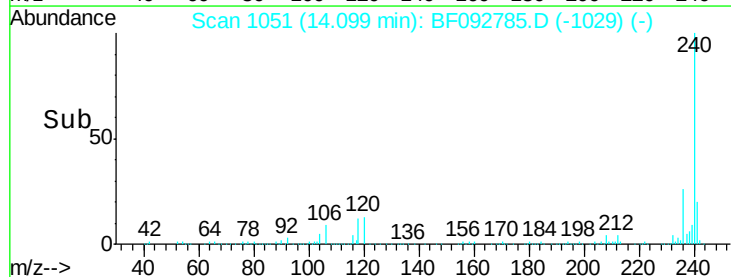
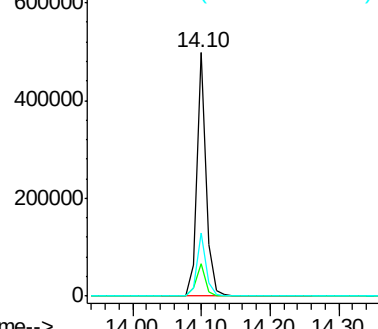


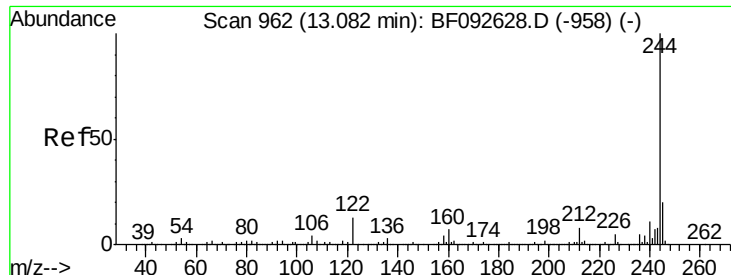
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092785.D
Acq: 3 Feb 2017 19:49

Tgt Ion:240 Resp: 473224
Ion Ratio Lower Upper
240 100
120 13.3 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





#78

Terphenyl-d14

Concen: 66.20 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092785.D

Acq: 3 Feb 2017 19:49

Instrument :

BNA_F

ClientSampleId :

PB96697TB

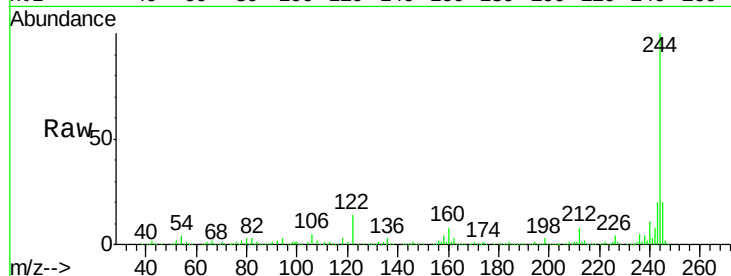
Tgt Ion:244 Resp: 1333341

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

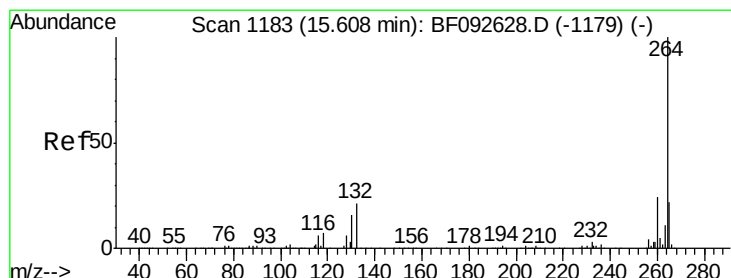
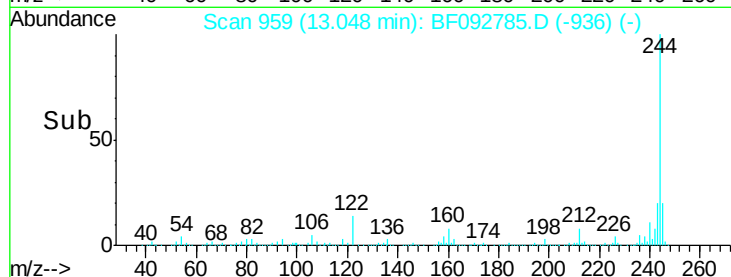
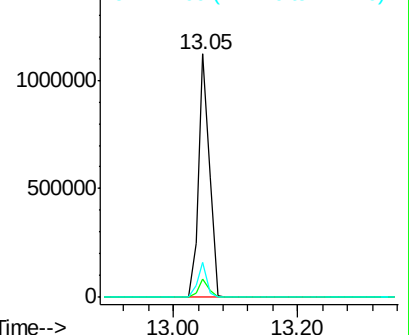
122 14.4 11.4 17.2



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: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092785.D

Acq: 3 Feb 2017 19:49

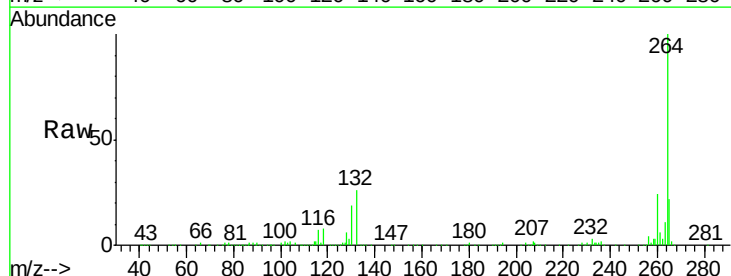
Tgt Ion:264 Resp: 416052

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

