

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095682.D
 Acq On : 5 Jun 2017 20:00
 Operator : SJ/MA
 Sample : I3441-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-5004-060117

Quant Time: Jun 06 02:00:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	101101	20.00	ng	0.00
21) Naphthalene-d8	9.42	136	400661	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	185003	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	344192	20.00	ng	0.00
75) Chrysene-d12	18.35	240	314383	20.00	ng	0.00
86) Perylene-d12	20.02	264	220247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	877744	138.34	ng	0.03
7) Phenol-d6	6.96	99	997599	131.34	ng	0.00
23) Nitrobenzene-d5	8.31	82	669029	103.70	ng	0.00
41) 2,4,6-Tribromophenol	13.54	330	266168	162.61	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	1273404	95.78	ng	0.00
78) Terphenyl-d14	17.02	244	1131432	89.32	ng	0.00

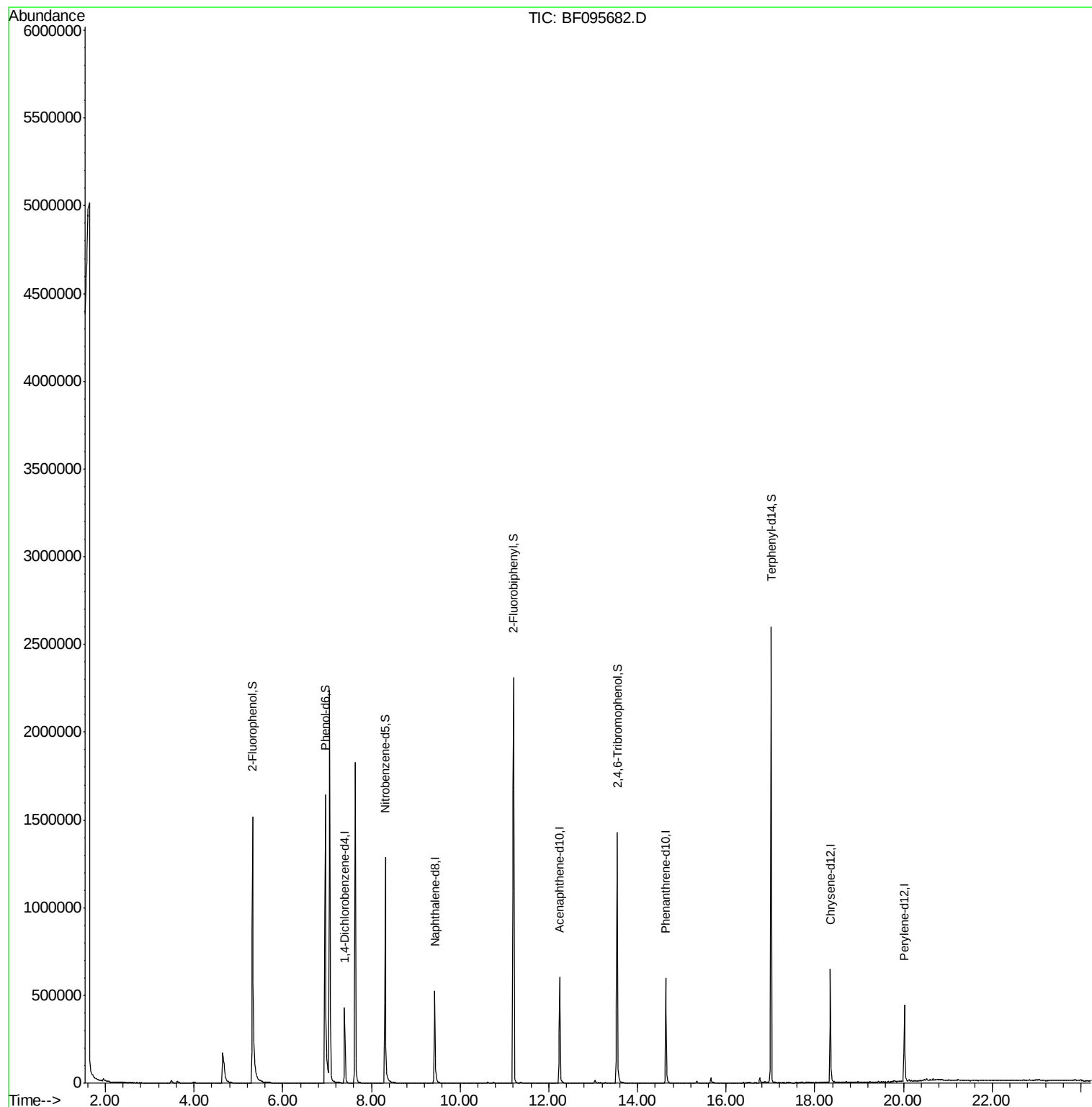
Target Compounds	Qvalue
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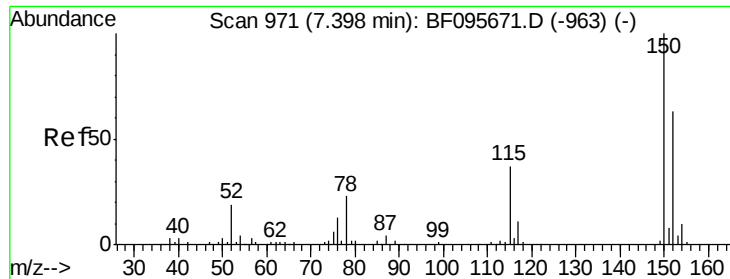
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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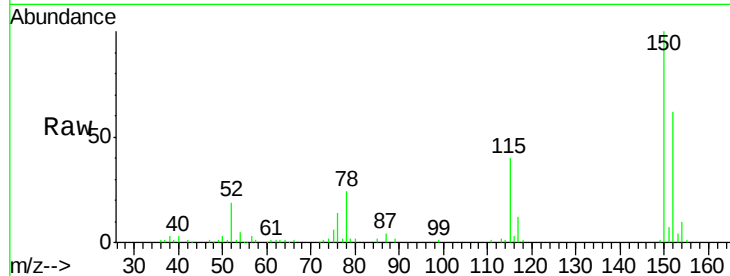




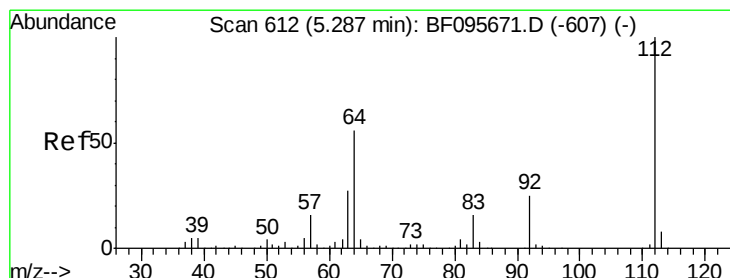
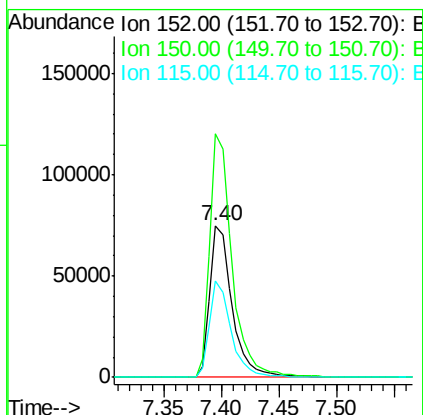
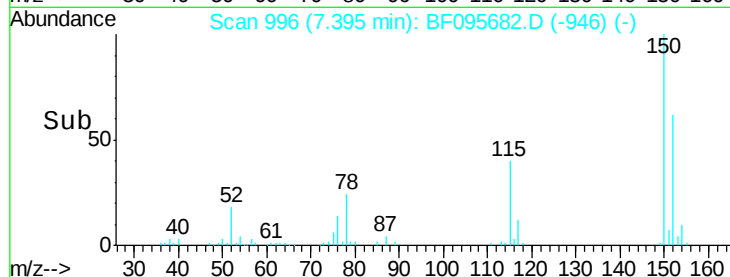
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.40 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-5004-060117

Tgt Ion:152 Resp: 101101
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.2 189.2
 115 63.7 52.2 78.2

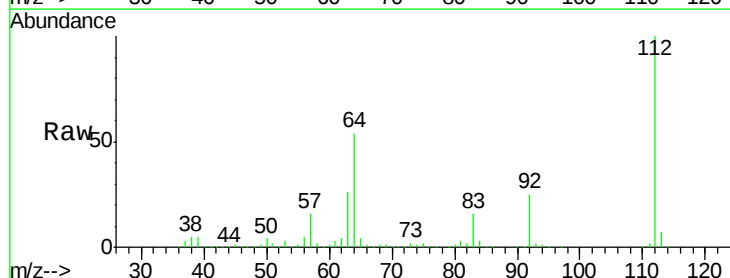


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

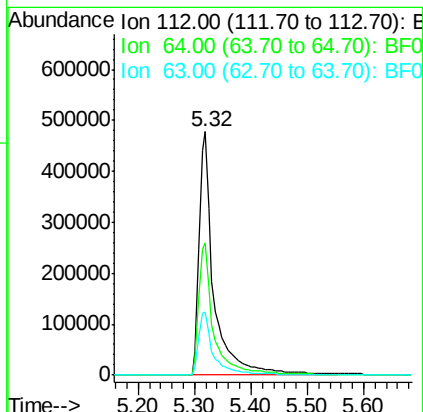
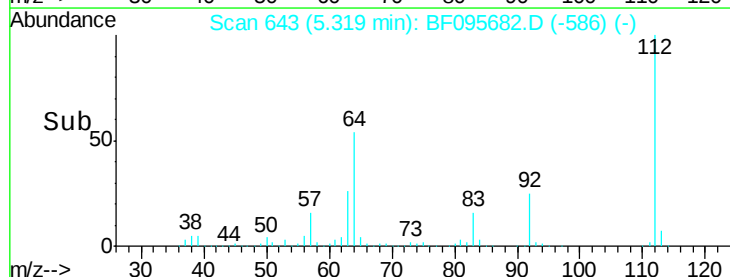


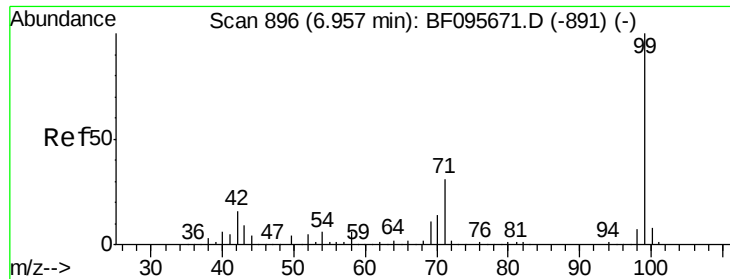
#5
 2-Fluorophenol
 Concen: 138.341 ng
 RT: 5.32 min Scan# 643
 Delta R.T. 0.03 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion:112 Resp: 877744
 Ion Ratio Lower Upper
 112 100
 64 54.3 46.0 69.0
 63 26.1 23.4 35.0



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: 131.336 ng

RT: 6.96 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

OR-RO-5004-060117

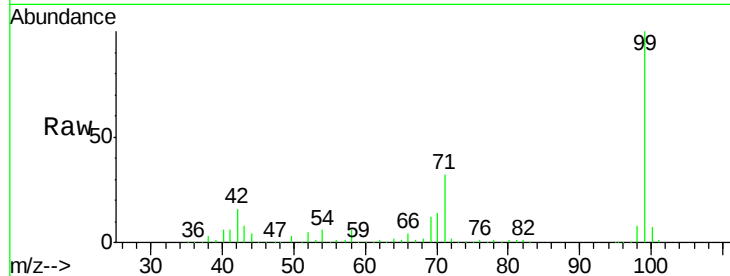
Tgt Ion: 99 Resp: 997599

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

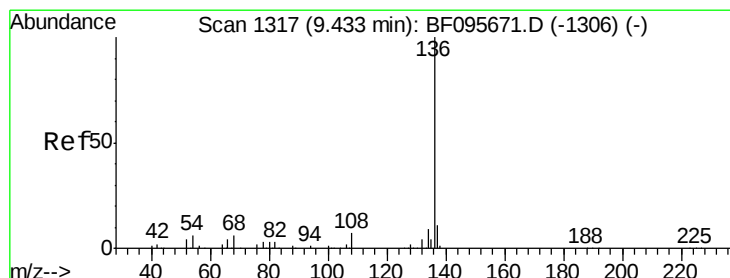
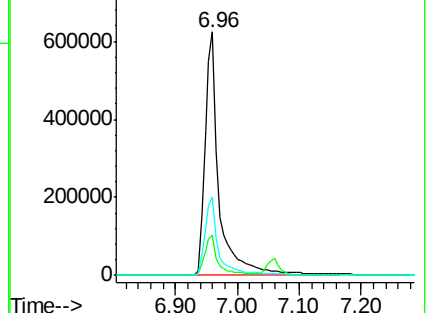
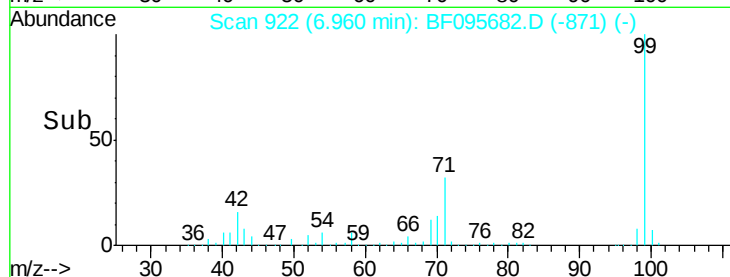
71 32.3 24.5 36.7



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: 20.000 ng

RT: 9.42 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Tgt Ion: 136 Resp: 400661

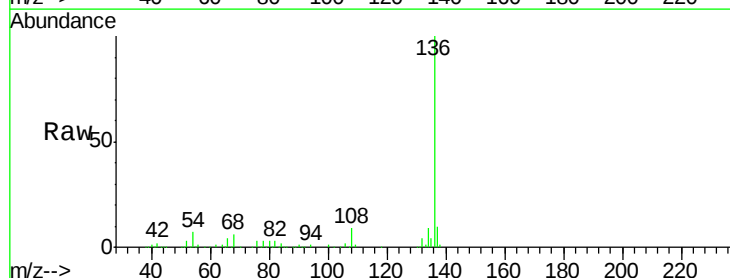
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.8 4.9 7.3

68 5.8 4.1 6.1

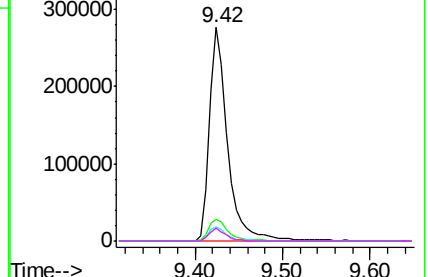
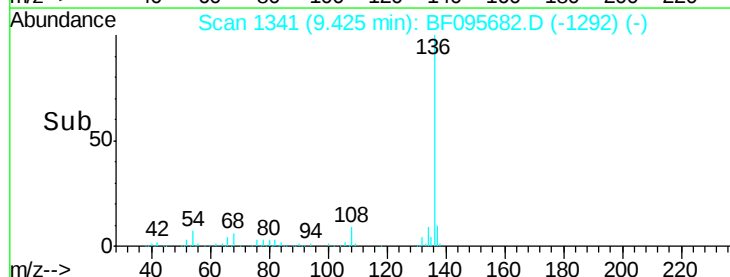


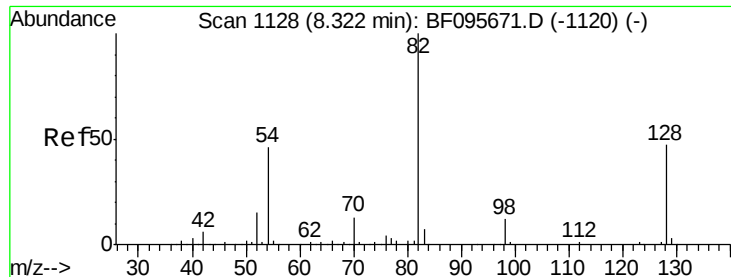
Abundance Ion 136.00 (135.70 to 136.70): E

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

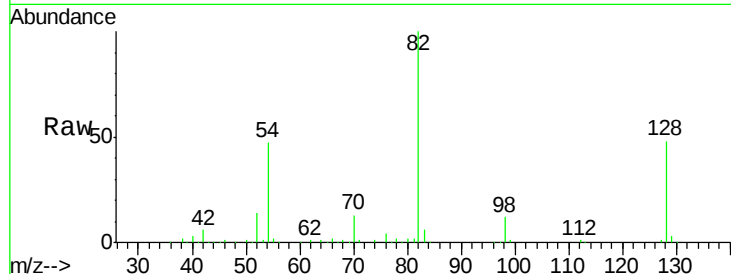




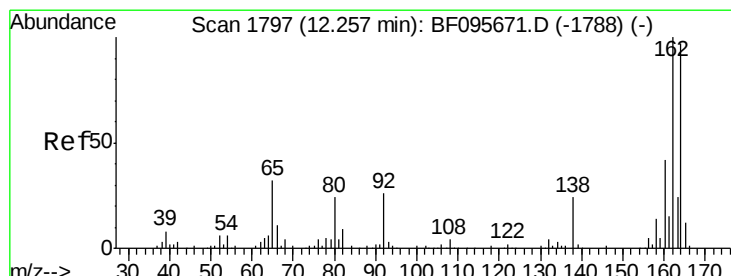
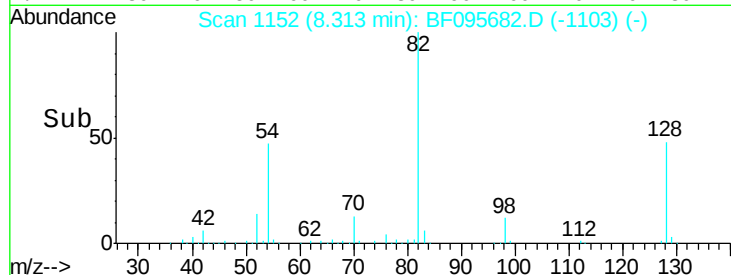
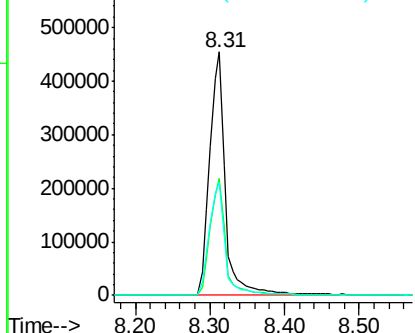
#23
 Nitrobenzene-d5
 Concen: 103.703 ng
 RT: 8.31 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-5004-060117

Tgt Ion: 82 Resp: 669029
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 46.6 42.2 63.2

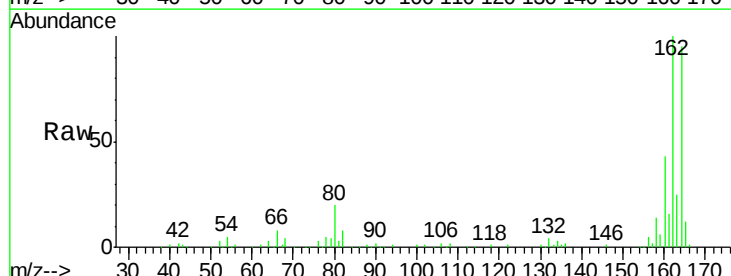


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

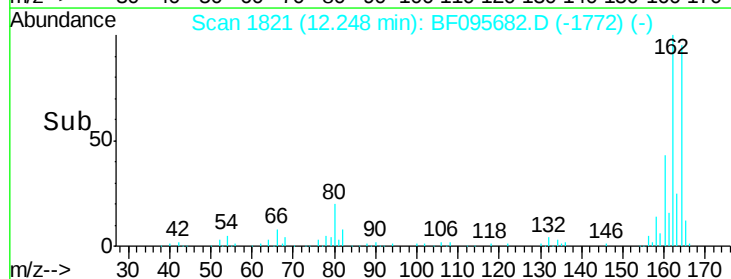
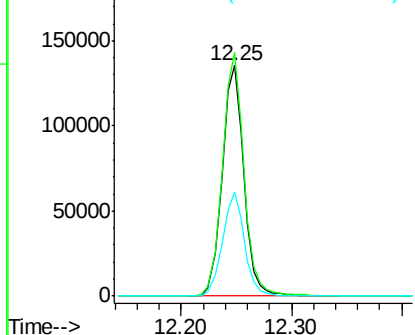


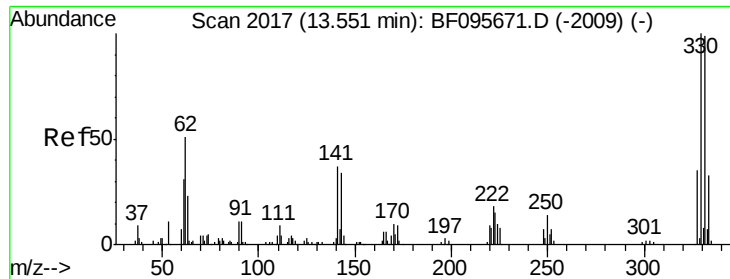
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion: 164 Resp: 185003
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.6 123.8
 160 45.1 36.2 54.2



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

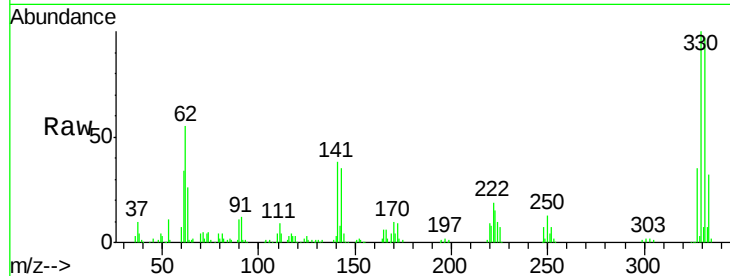




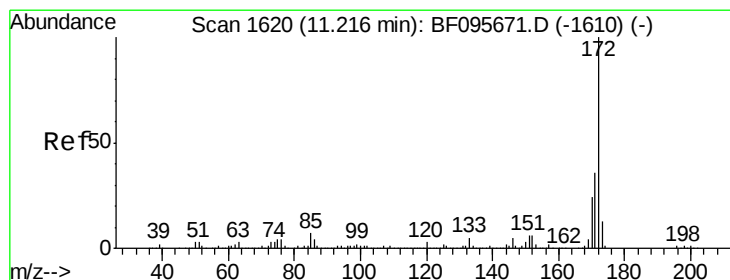
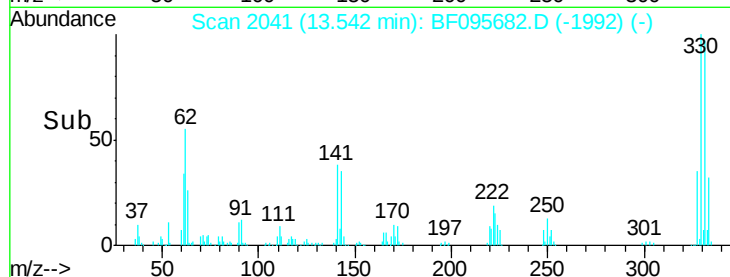
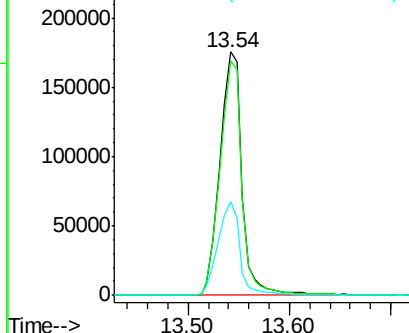
#41
 2,4,6-Tribromophenol
 Concen: 162.610 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-5004-060117

Tgt Ion:330 Resp: 266168
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.4 31.4 47.2

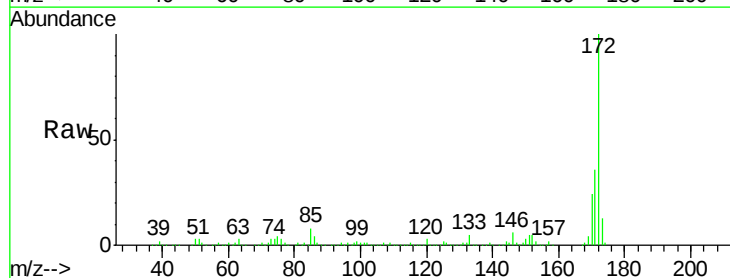


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

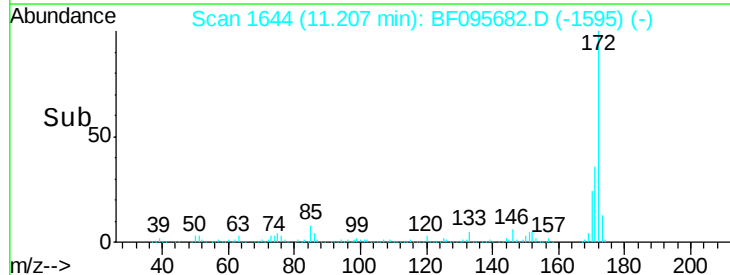
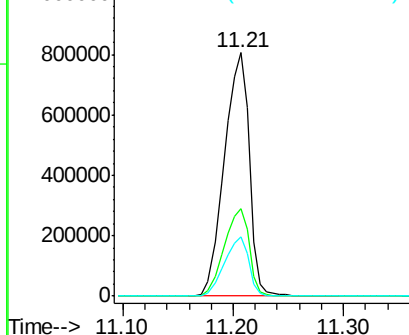


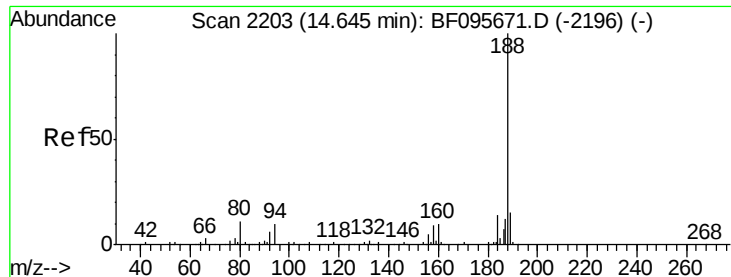
#44
 2-Fluorobiphenyl
 Concen: 95.784 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095682.D
 Acq: 5 Jun 2017 20:00

Tgt Ion:172 Resp: 1273404
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 19.8 29.8



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: 20.000 ng

RT: 14.64 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

OR-RO-5004-060117

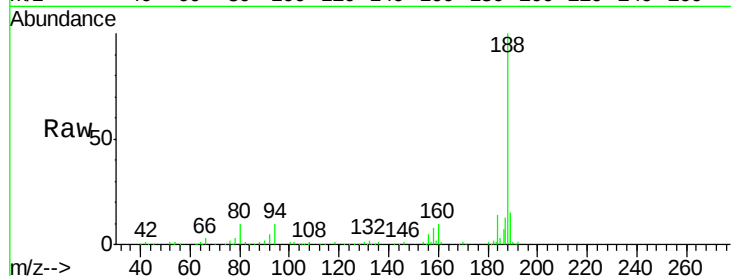
Tgt Ion:188 Resp: 344192

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

80 10.5 10.2 15.2

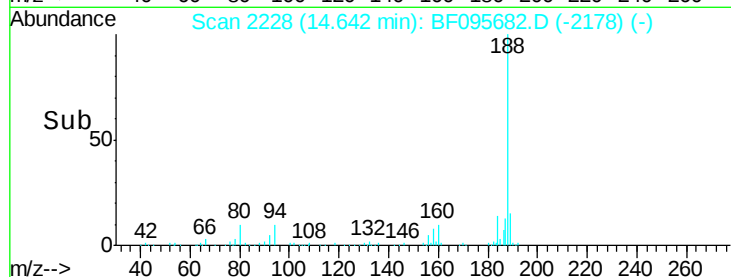


Abundance Ion 188.00 (187.70 to 188.70): E

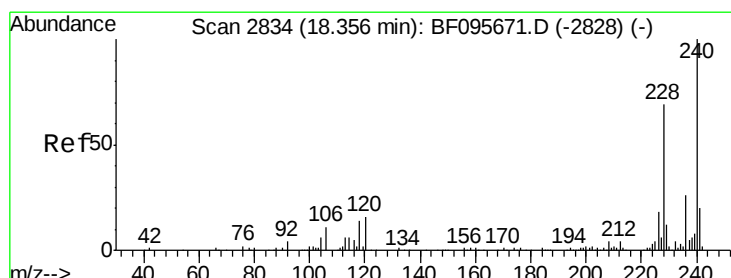
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.35 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

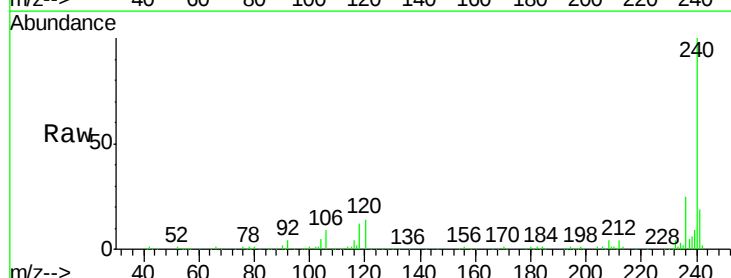
Tgt Ion:240 Resp: 314383

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

236 24.9 20.5 30.7

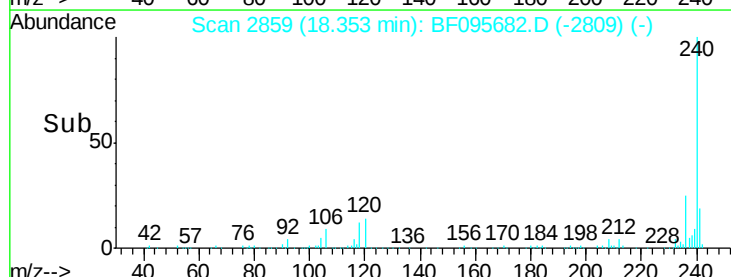


Abundance Ion 240.00 (239.70 to 240.70): E

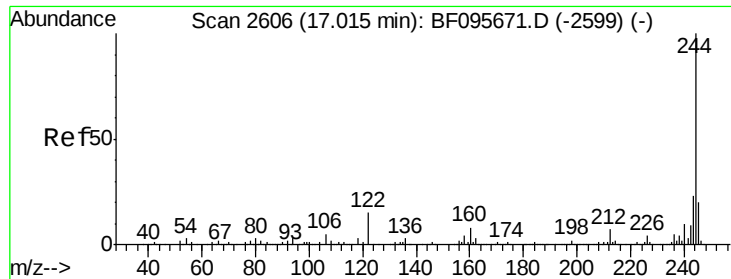
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 89.315 ng

RT: 17.02 min Scan# 2632

Delta R.T. 0.00 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

Instrument :

BNA_F

ClientSampleId :

OR-RO-5004-060117

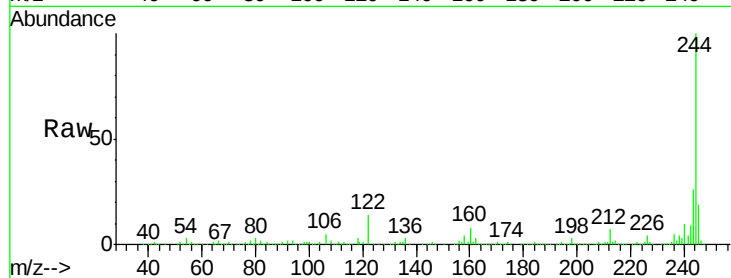
Tgt Ion:244 Resp: 1131432

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

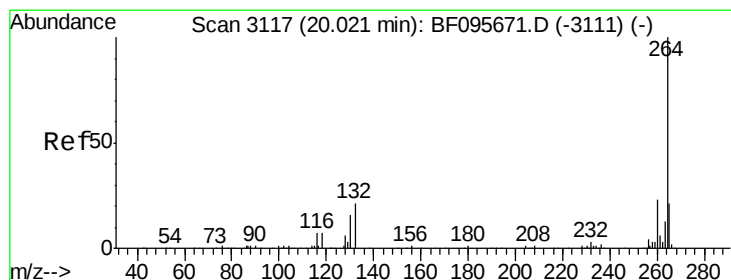
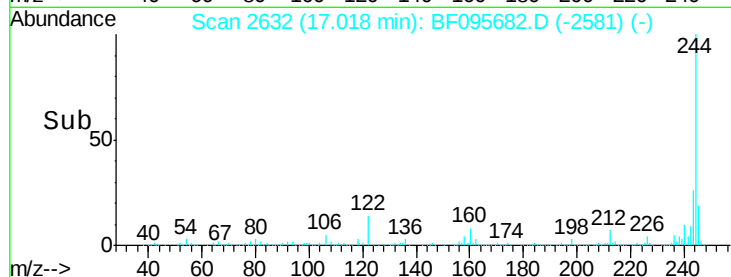
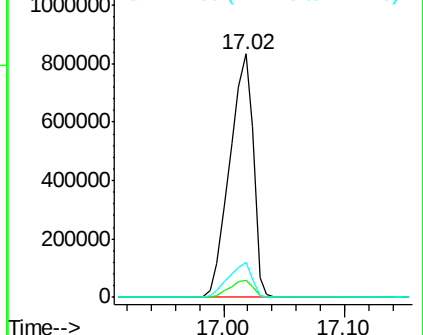
122 14.2 10.3 15.5



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: 20.000 ng

RT: 20.02 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BF095682.D

Acq: 5 Jun 2017 20:00

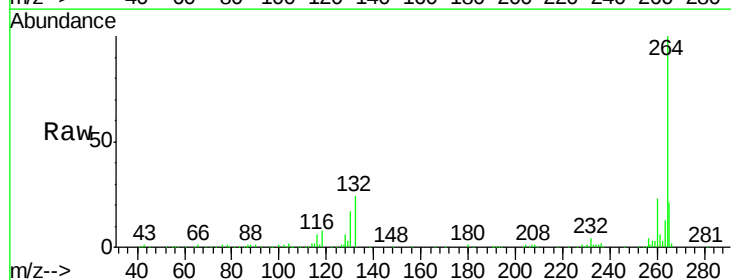
Tgt Ion:264 Resp: 220247

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.2 17.2 25.8



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

