

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060617\
 Data File : BF095705.D
 Acq On : 6 Jun 2017 13:00
 Operator : SJ/MA
 Sample : I3443-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-RO-6699AA-060117

Quant Time: Jun 06 17:14:28 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

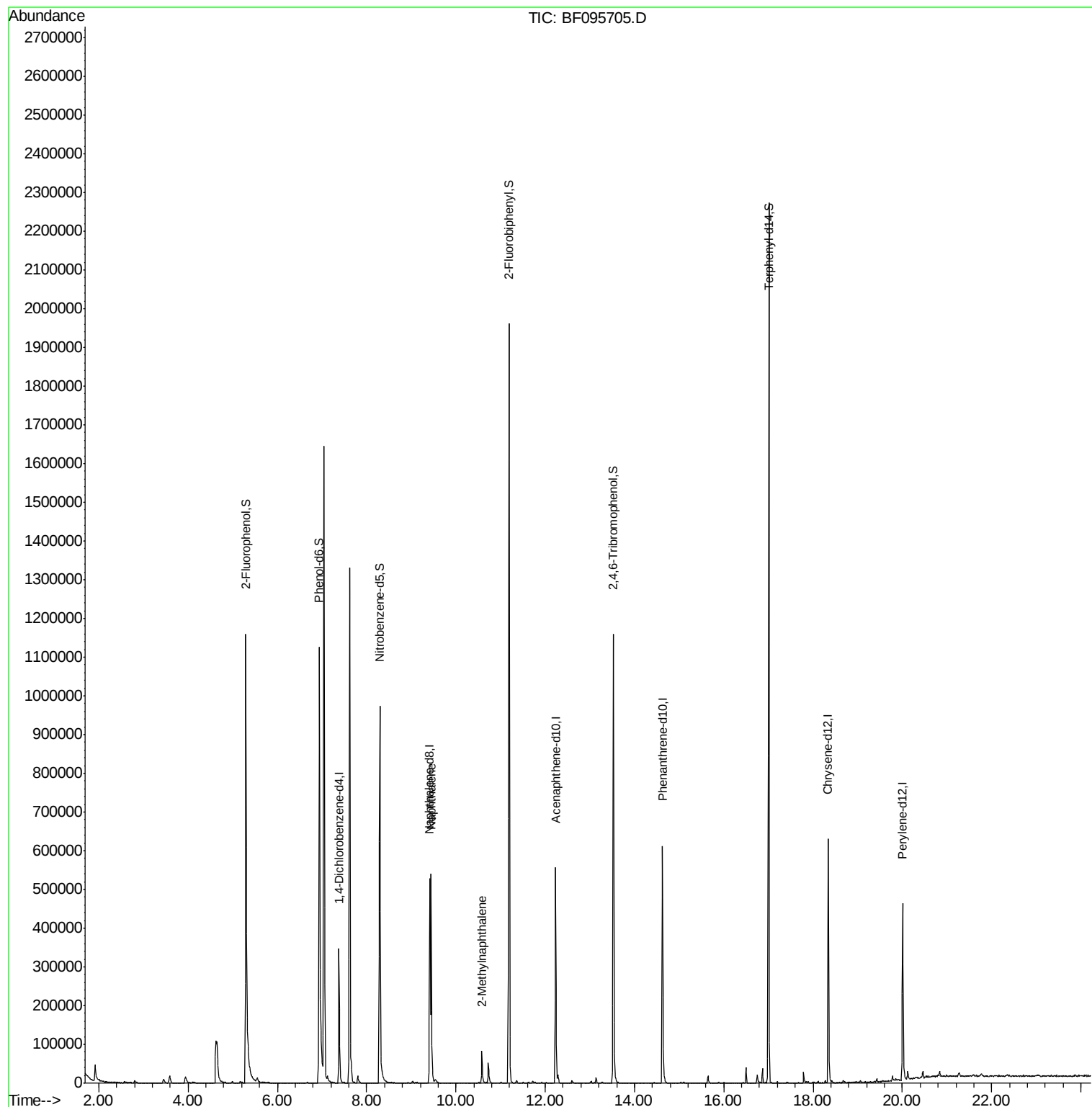
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	86503	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	353280	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	169733	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	326781	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	294689	20.00	ng	-0.02
86) Perylene-d12	20.01	264	232978	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	673210	124.01	ng	0.00
7) Phenol-d6	6.94	99	737874	113.54	ng	-0.02
23) Nitrobenzene-d5	8.30	82	504918	88.76	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	213267	142.01	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1033060	84.70	ng	-0.02
78) Terphenyl-d14	17.01	244	959336	80.79	ng	0.00
Target Compounds						
31) Naphthalene	9.45	128	427893	24.134	ng	99
37) 2-Methylnaphthalene	10.58	142	38794	3.238	ng	95

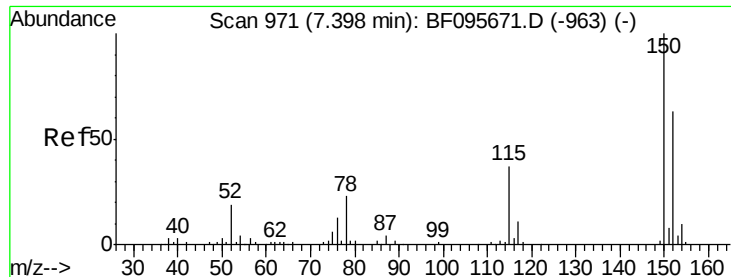
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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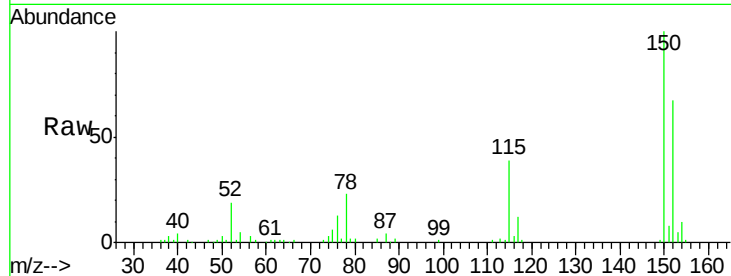




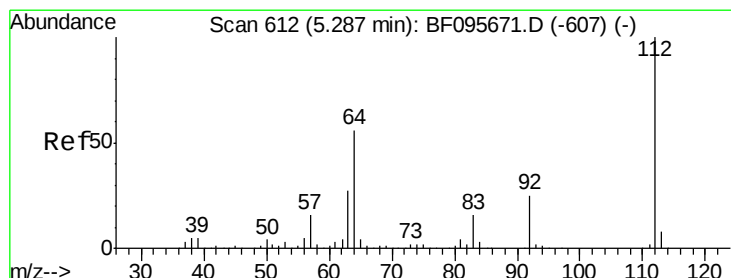
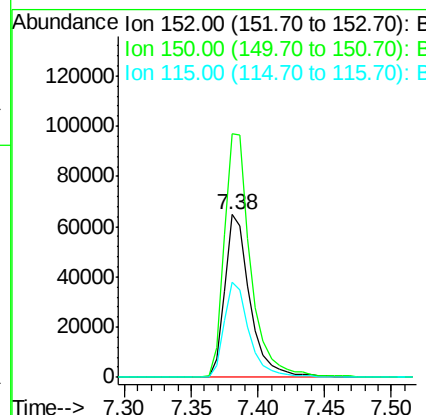
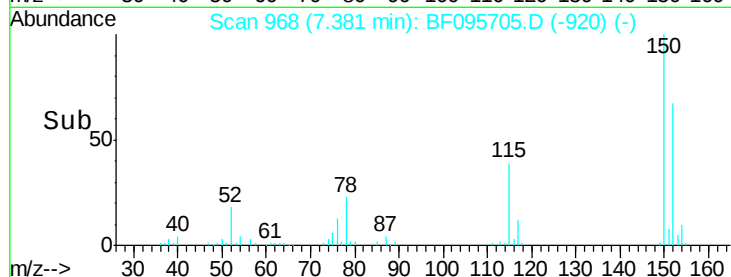
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.38 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BF095705.D
 Acq: 6 Jun 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SA-RO-6699AA-060117

Tgt Ion:152 Resp: 86503
 Ion Ratio Lower Upper
 152 100
 150 149.9 126.2 189.2
 115 58.8 52.2 78.2

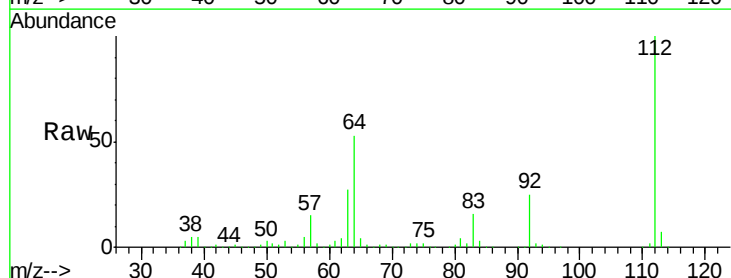


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

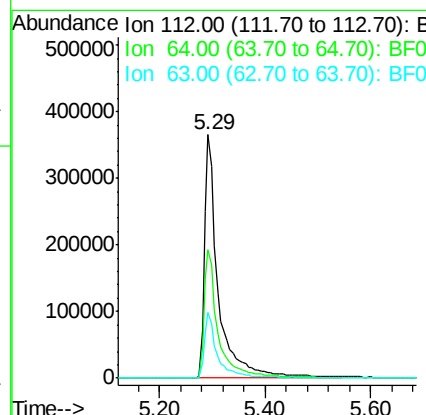
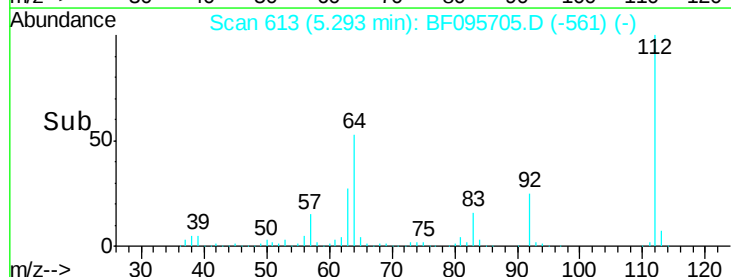


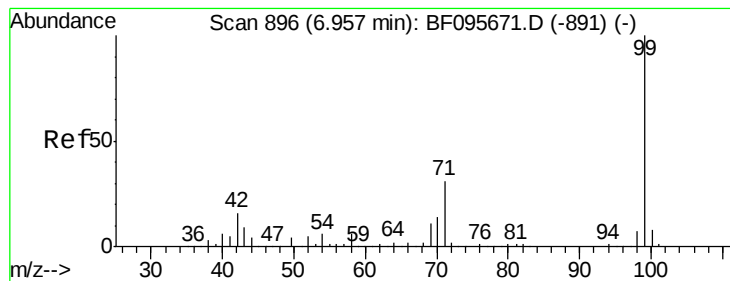
#5
 2-Fluorophenol
 Concen: 124.010 ng
 RT: 5.29 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: BF095705.D
 Acq: 6 Jun 2017 13:00

Tgt Ion:112 Resp: 673210
 Ion Ratio Lower Upper
 112 100
 64 52.9 46.0 69.0
 63 26.9 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: 113.536 ng

RT: 6.94 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF095705.D

Acq: 6 Jun 2017 13:00

Instrument :

BNA_F

ClientSampleId :

SA-RO-6699AA-060117

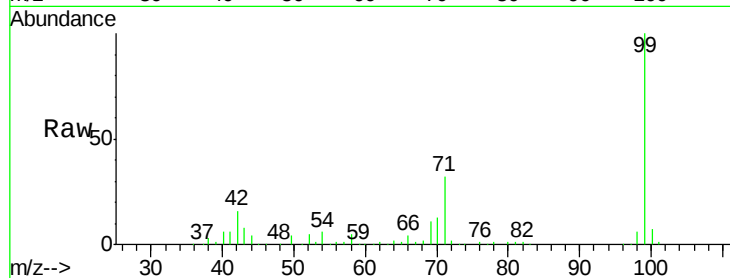
Tgt Ion: 99 Resp: 737874

Ion Ratio Lower Upper

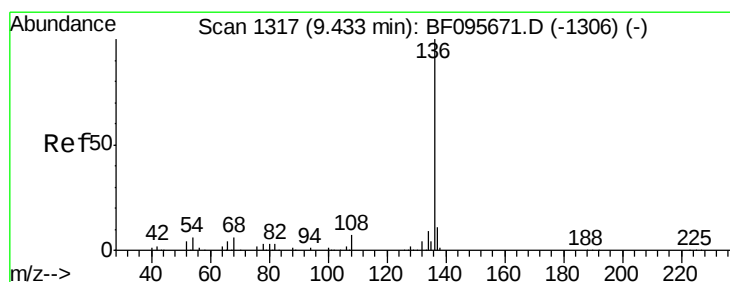
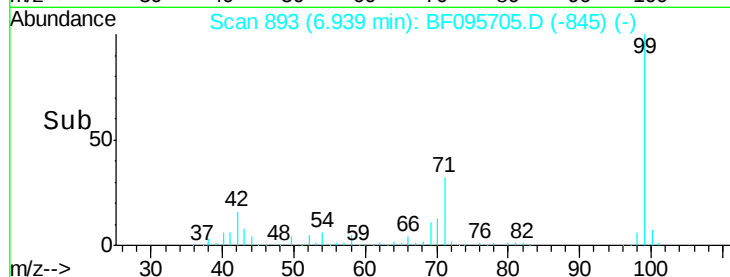
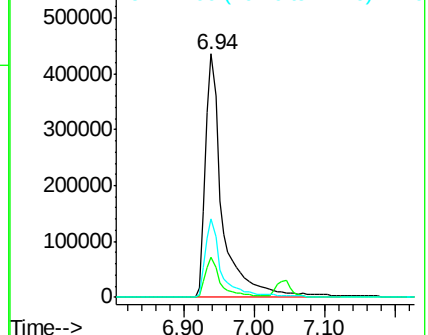
99 100

42 16.3 13.5 20.3

71 32.0 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: 9.41 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095705.D

Acq: 6 Jun 2017 13:00

Tgt Ion: 136 Resp: 353280

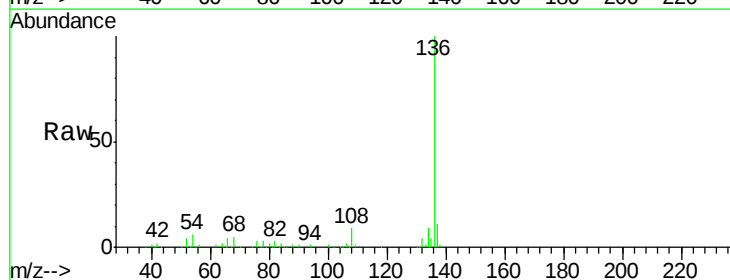
Ion Ratio Lower Upper

136 100

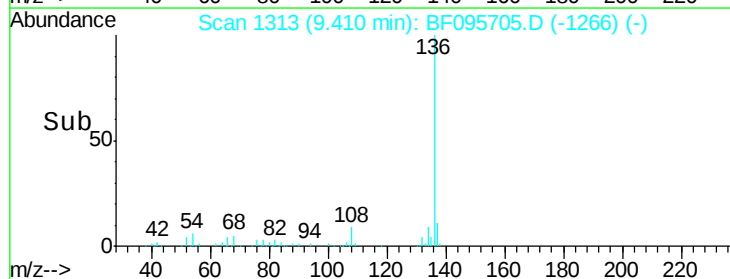
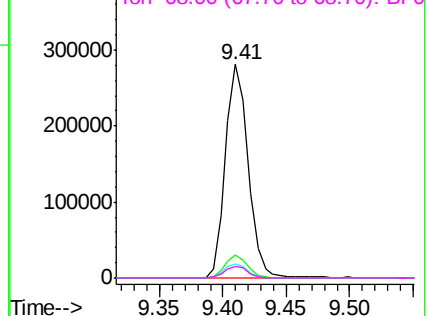
137 10.8 8.5 12.7

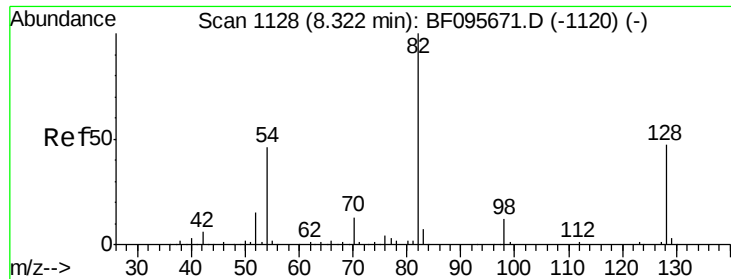
54 6.4 4.9 7.3

68 5.3 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

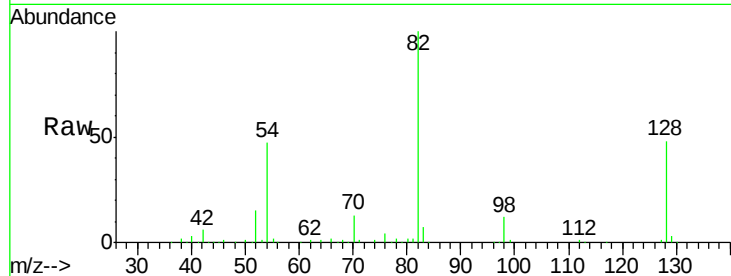




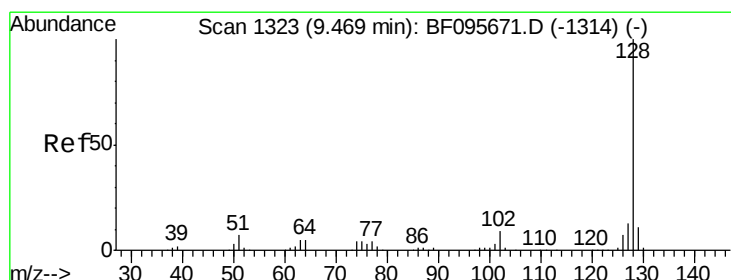
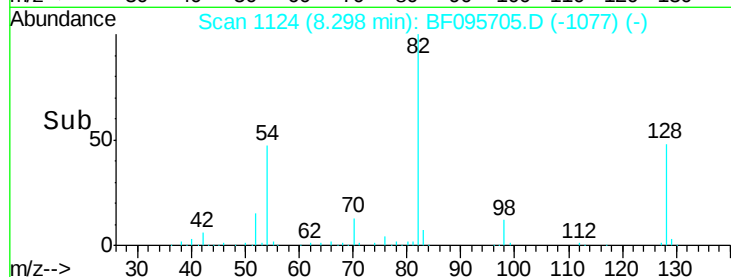
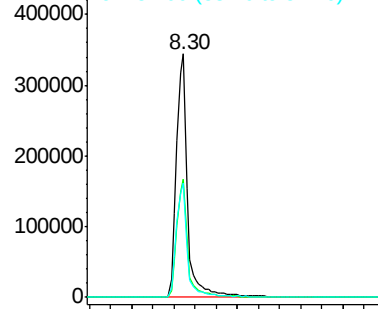
#23
 Nitrobenzene-d5
 Concen: 88.762 ng
 RT: 8.30 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF095705.D
 Acq: 6 Jun 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SA-RO-6699AA-060117

Tgt Ion: 82 Resp: 504918
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.0 51.0
 54 46.7 42.2 63.2

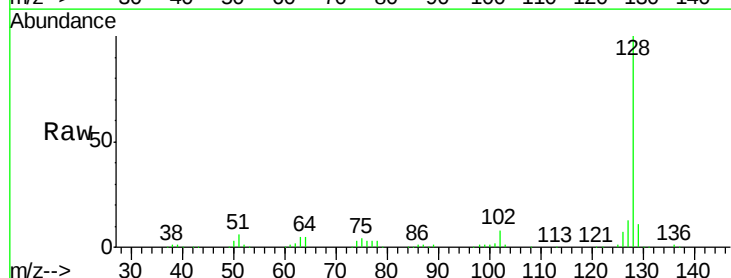


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

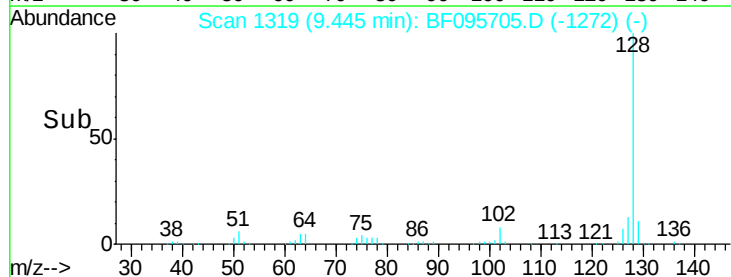
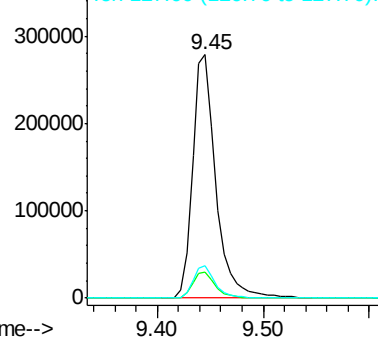


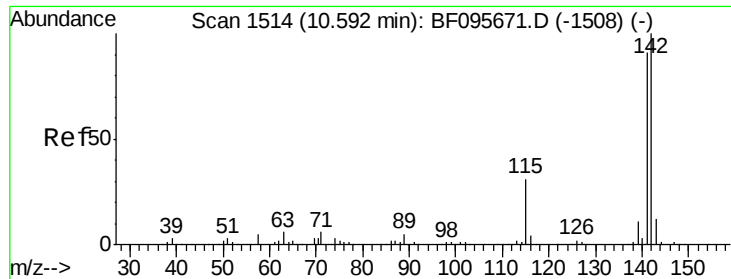
#31
 Naphthalene
 Concen: 24.134 ng
 RT: 9.45 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095705.D
 Acq: 6 Jun 2017 13:00

Tgt Ion: 128 Resp: 427893
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.6
 127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

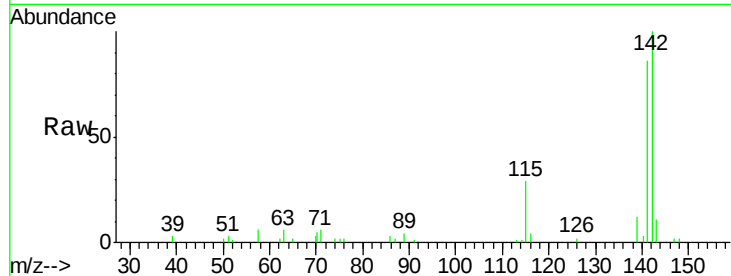




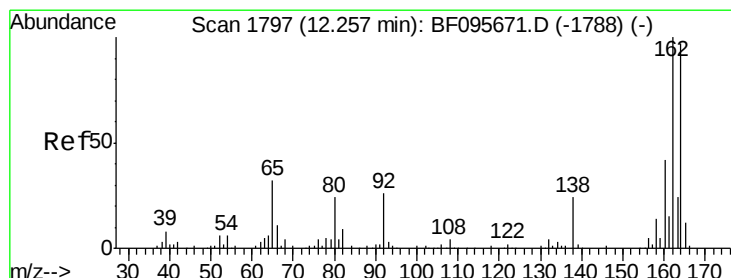
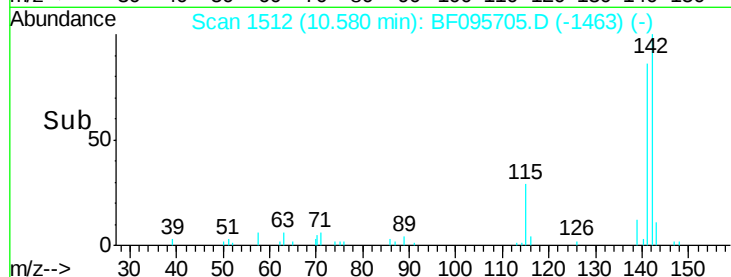
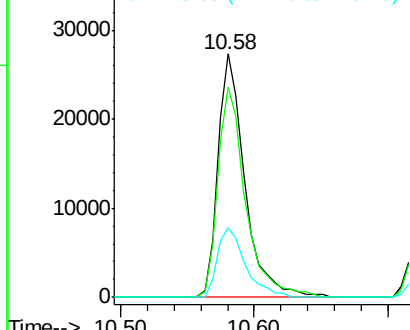
#37
2-Methylnaphthalene
Concen: 3.238 ng
RT: 10.58 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Instrument :
BNA_F
ClientSampleId :
SA-RO-6699AA-060117

Tgt Ion:142 Resp: 38794
Ion Ratio Lower Upper
142 100
141 86.2 71.3 106.9
115 28.6 27.1 40.7

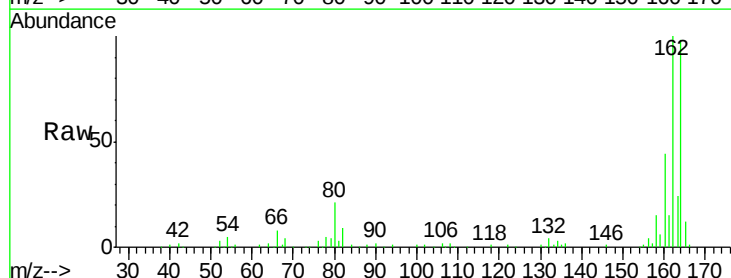


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

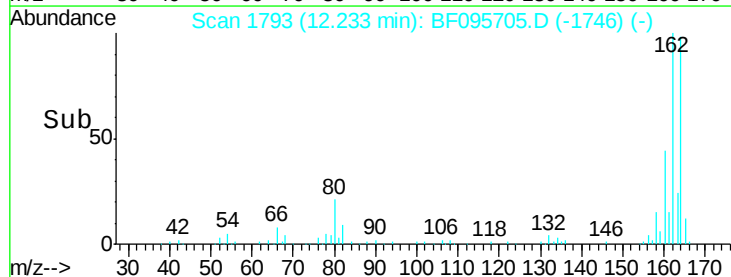
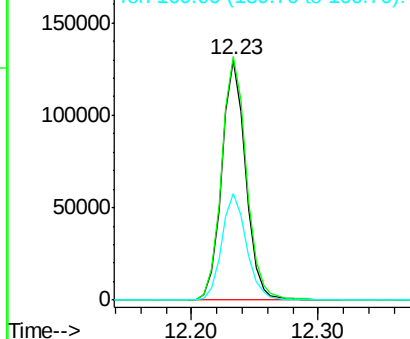


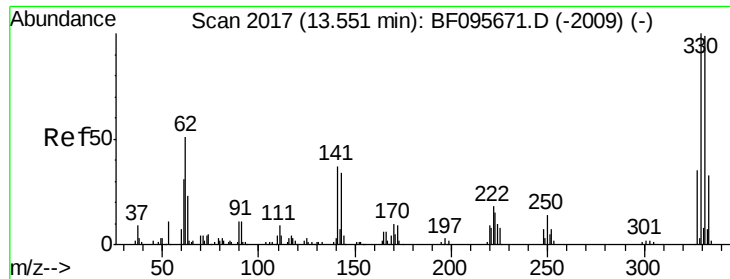
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.23 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:164 Resp: 169733
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 44.5 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

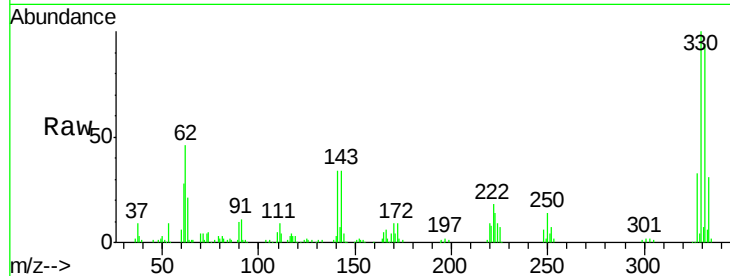




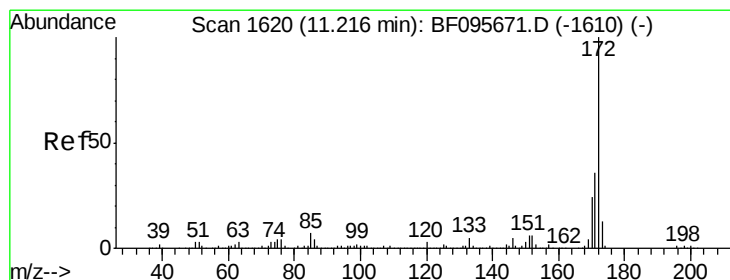
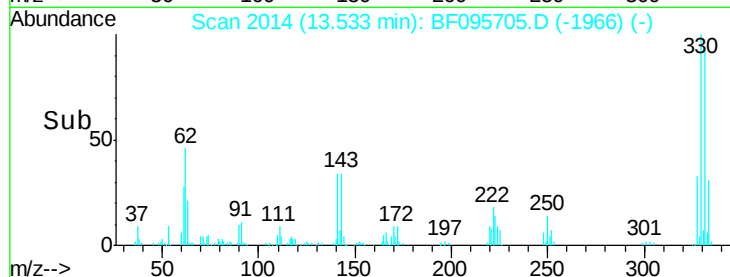
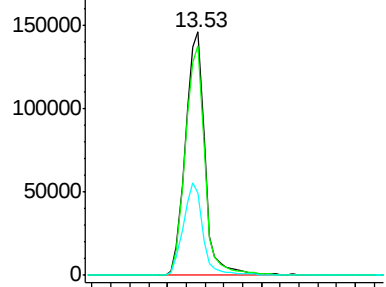
#41
 2,4,6-Tribromophenol
 Concen: 142.013 ng
 RT: 13.53 min Scan# 2014
 Delta R.T. -0.02 min
 Lab File: BF095705.D
 Acq: 6 Jun 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SA-RO-6699AA-060117

Tgt Ion:330 Resp: 213267
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 38.3 31.4 47.2

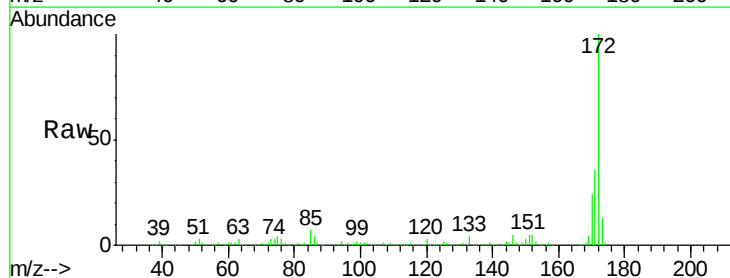


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

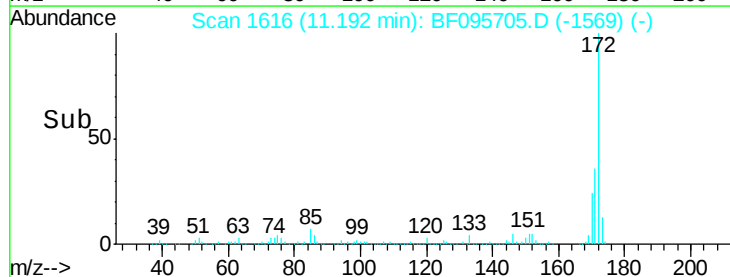
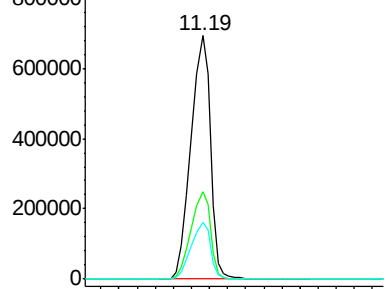


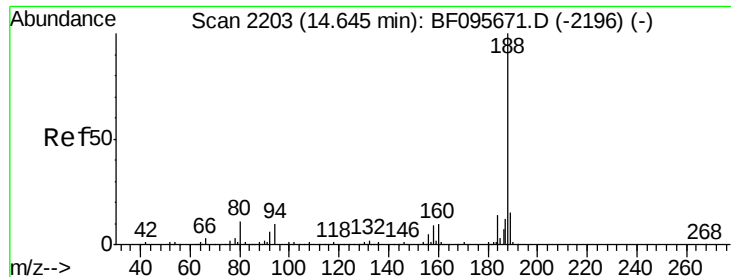
#44
 2-Fluorobiphenyl
 Concen: 84.697 ng
 RT: 11.19 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF095705.D
 Acq: 6 Jun 2017 13:00

Tgt Ion:172 Resp: 1033060
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.6 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

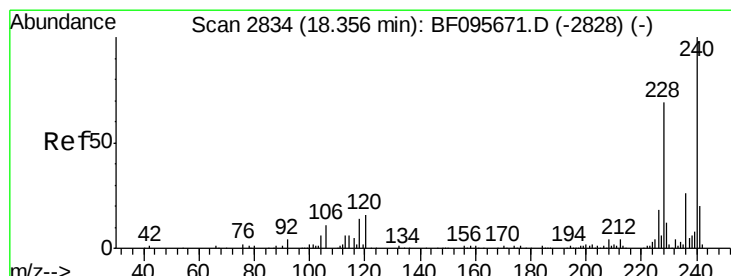
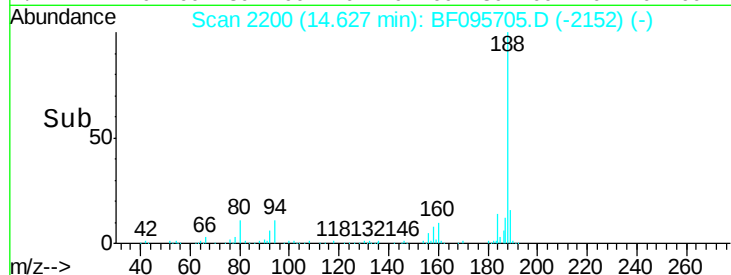
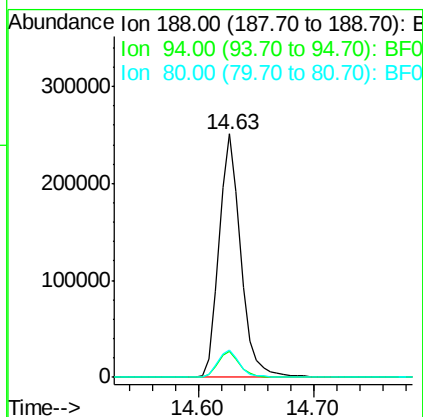
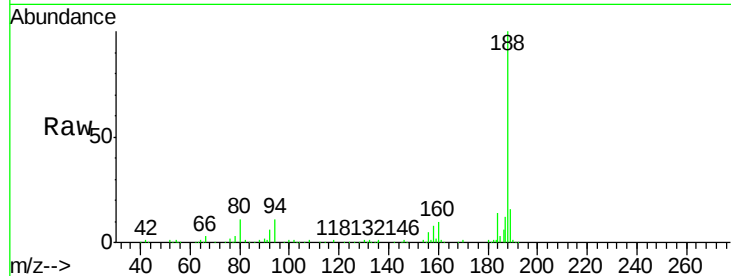




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

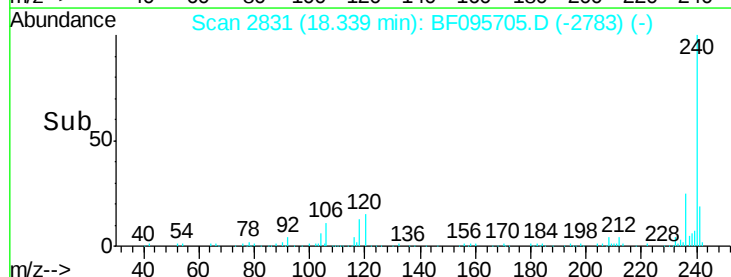
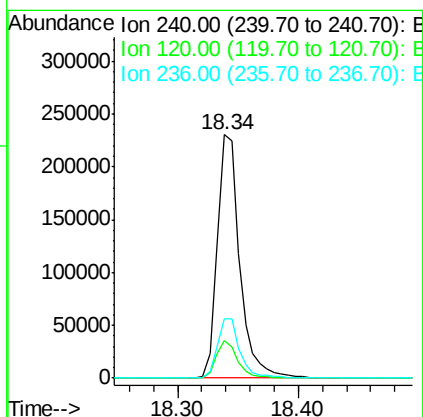
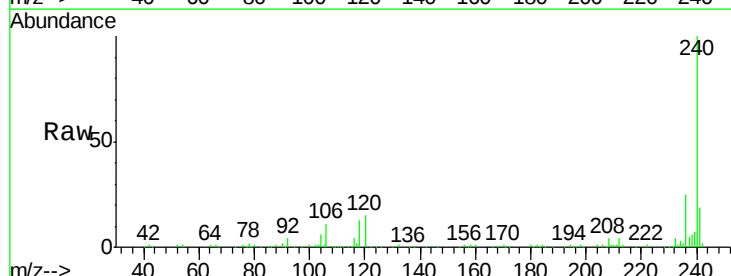
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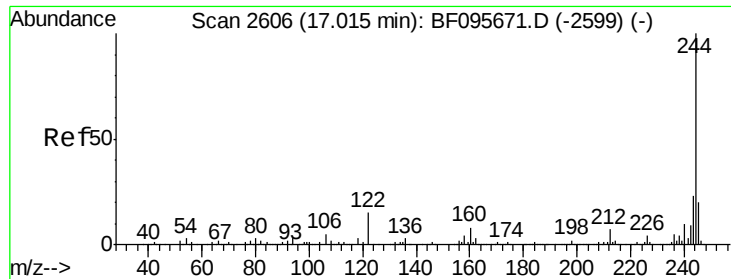
Tgt Ion:188 Resp: 326781
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.34 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BF095705.D
Acq: 6 Jun 2017 13:00

Tgt Ion:240 Resp: 294689
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 24.6 20.5 30.7

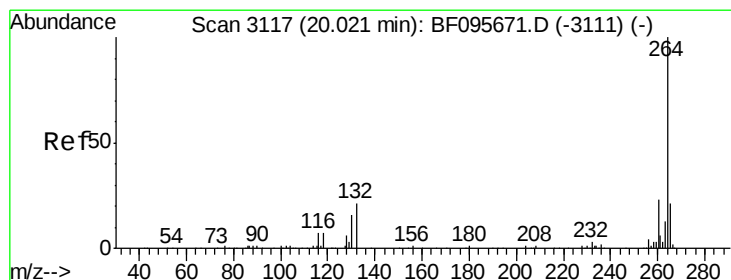
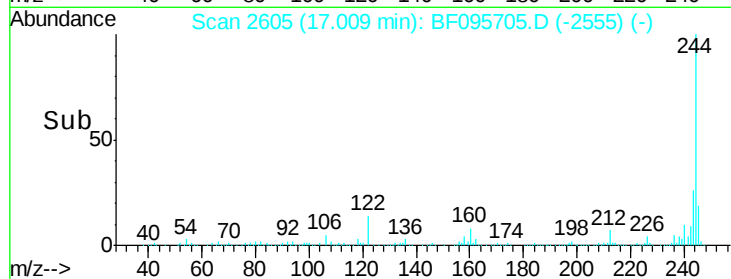
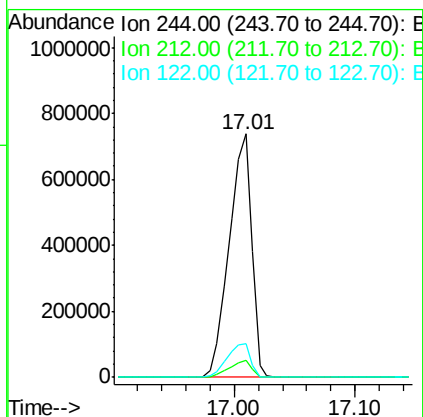
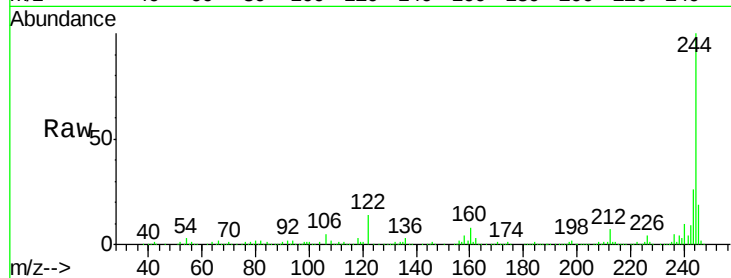




#78
 Terphenyl-d14
 Concen: 80.791 ng
 RT: 17.01 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BF095705.D
 Acq: 6 Jun 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 SA-RO-6699AA-060117

Tgt Ion: 244 Resp: 959336
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.01 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BF095705.D
 Acq: 6 Jun 2017 13:00

Tgt Ion: 264 Resp: 232978
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 22.1 17.2 25.8

