

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095629.D
 Acq On : 2 Jun 2017 10:50
 Operator : SJ/MA
 Sample : I3361-02DL 2X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S22-0024DL

Quant Time: Jun 02 14:15:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

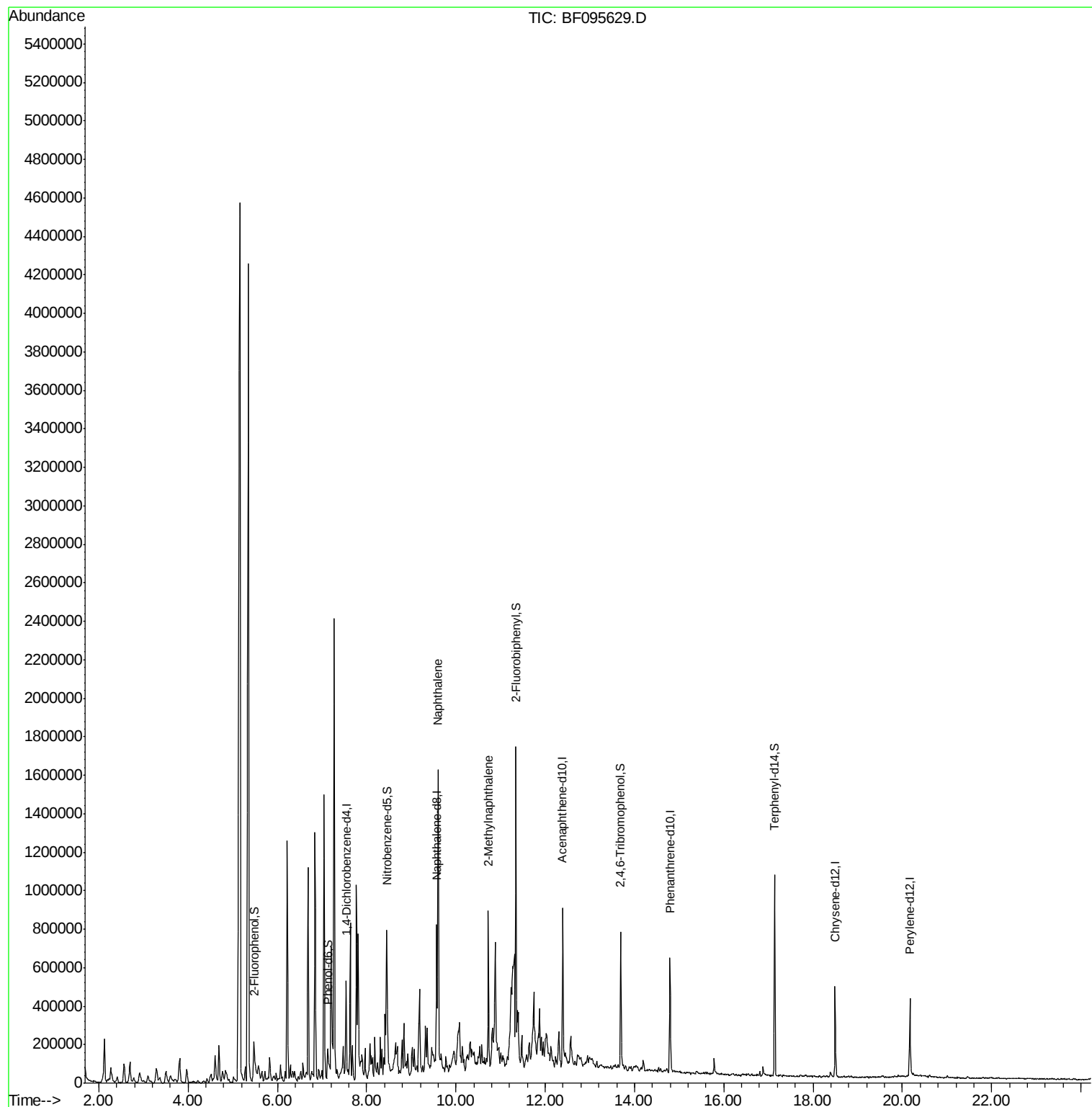
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	111854	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	452431	20.00	ng	-0.02
38) Acenaphthene-d10	12.39	164	196483	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	311047	20.00	ng	-0.02
75) Chrysene-d12	18.49	240	218471	20.00	ng	-0.02
86) Perylene-d12	20.17	264	192899	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	182322	27.18	ng	0.01
7) Phenol-d6	7.12	99	180205	22.39	ng	0.01
23) Nitrobenzene-d5	8.45	82	340024	47.39	ng	-0.02
41) 2,4,6-Tribromophenol	13.69	330	109076	67.79	ng	-0.02
44) 2-Fluorobiphenyl	11.35	172	668087	48.94	ng	-0.02
78) Terphenyl-d14	17.14	244	373231	37.63	ng	-0.02
Target Compounds						
31) Naphthalene	9.60	128	996576	43.827	ng	99
37) 2-Methylnaphthalene	10.73	142	286054	19.168	ng	98

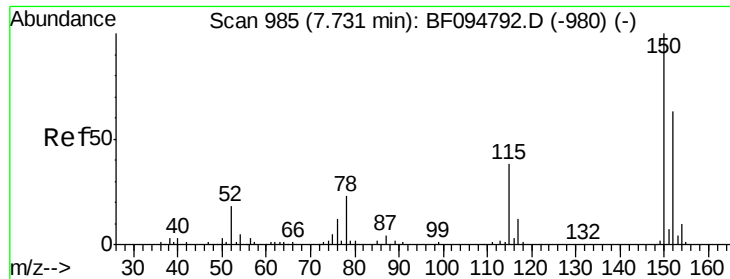
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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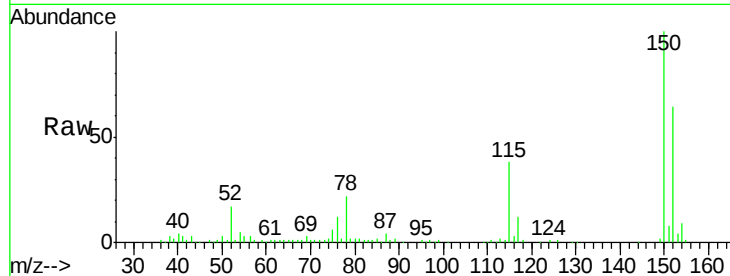


#1

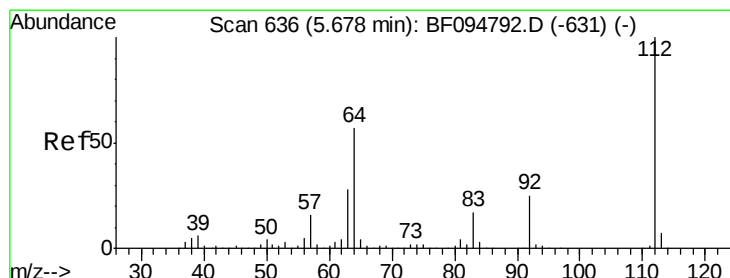
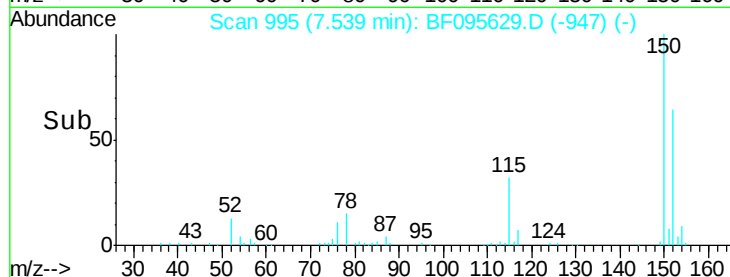
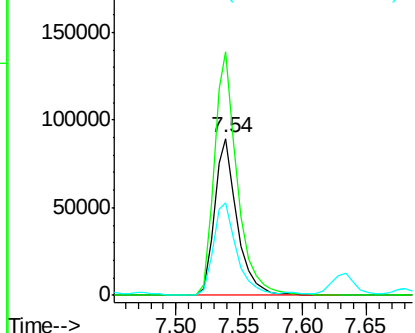
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF095629.D
Acq: 2 Jun 2017 10:50

Instrument :
BNA_F
ClientSampleId :
S22-0024DL

Tgt Ion:152 Resp: 111854
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 59.2 52.2 78.2



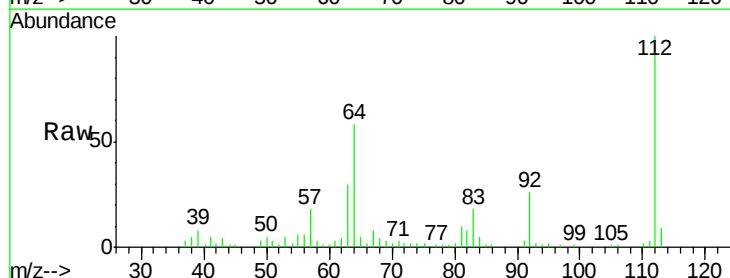
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



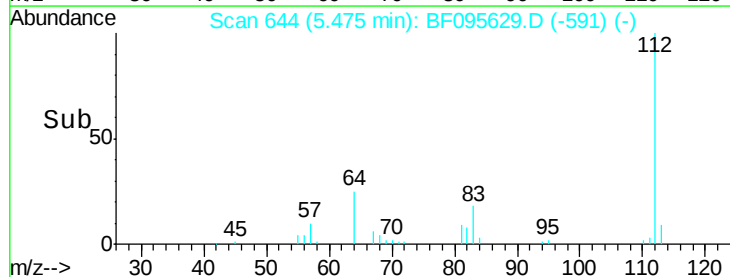
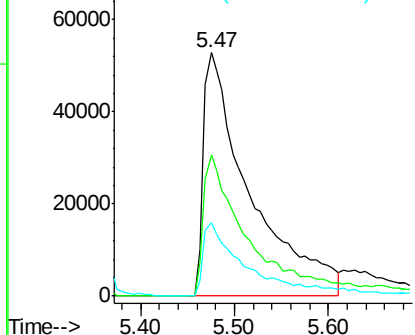
#5

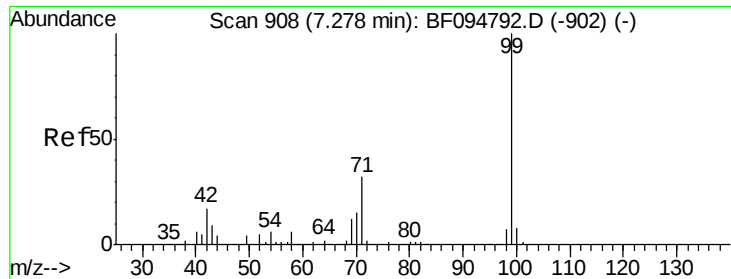
2-Fluorophenol
Concen: 27.176 ng
RT: 5.47 min Scan# 644
Delta R.T. 0.01 min
Lab File: BF095629.D
Acq: 2 Jun 2017 10:50

Tgt Ion:112 Resp: 182322
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 29.9 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: 22.386 ng

RT: 7.12 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF095629.D

Acq: 2 Jun 2017 10:50

Instrument :

BNA_F

ClientSampleId :

S22-0024DL

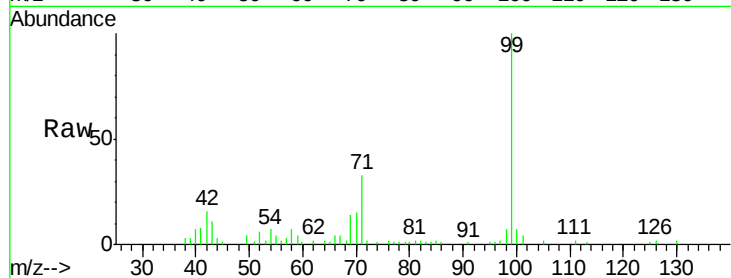
Tgt Ion: 99 Resp: 180205

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

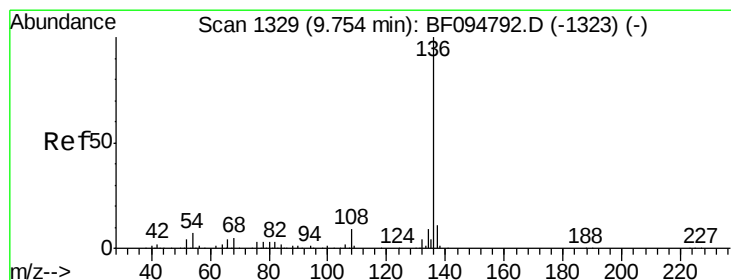
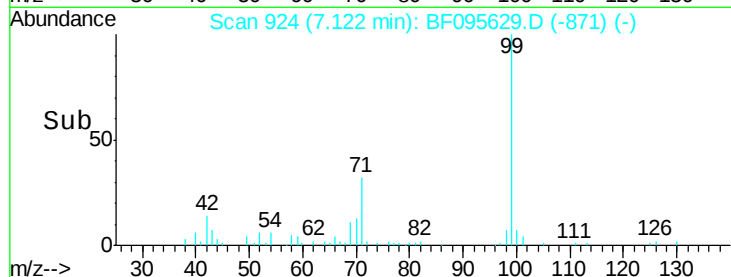
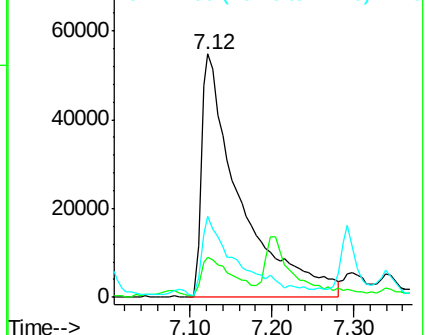
71 33.4 24.5 36.7



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: 9.57 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF095629.D

Acq: 2 Jun 2017 10:50

Tgt Ion: 136 Resp: 452431

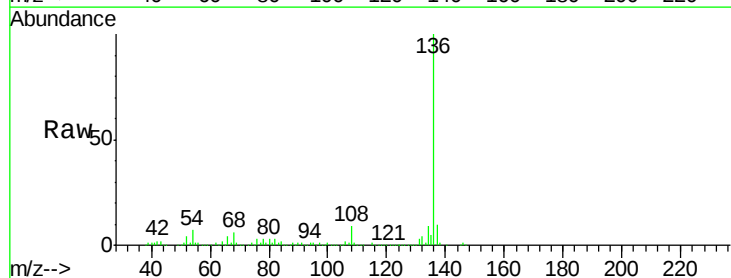
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1

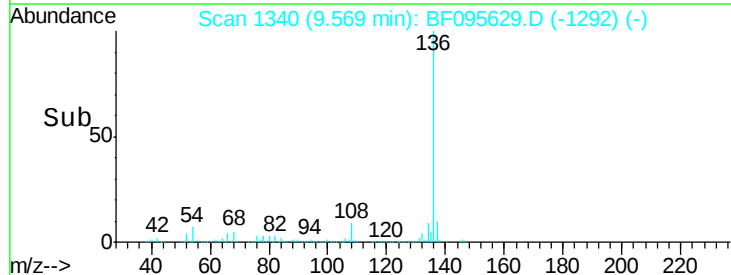
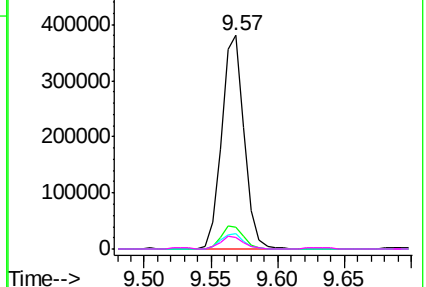


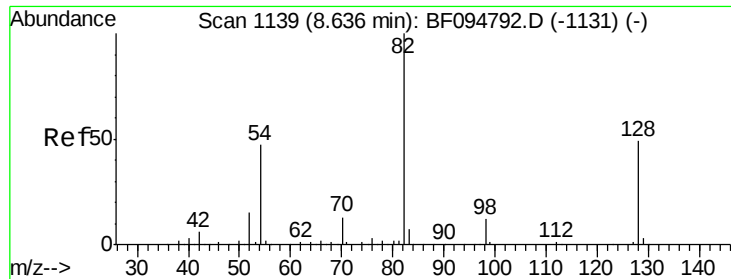
Abundance Ion 136.00 (135.70 to 136.70): E

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

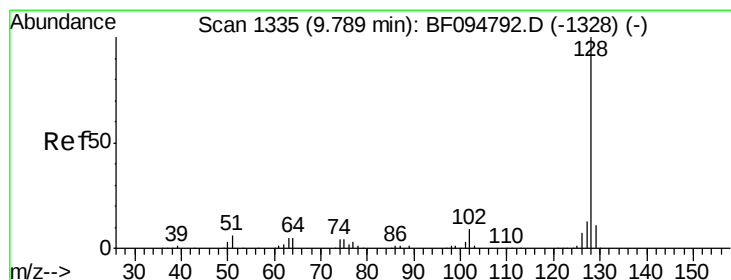
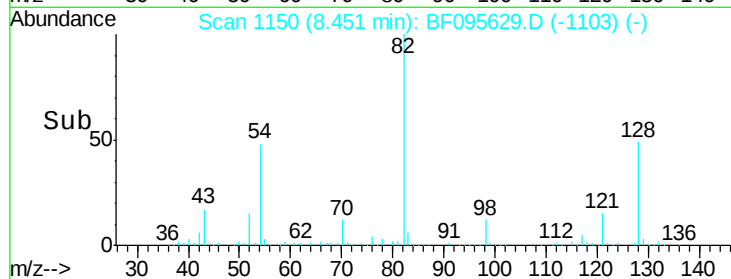
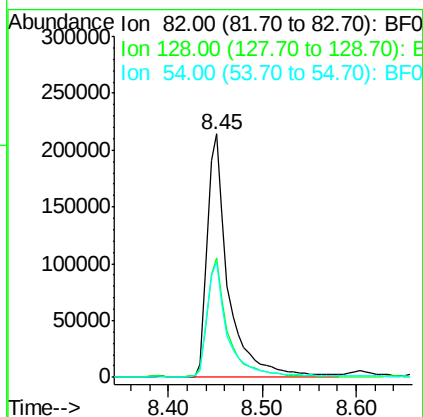
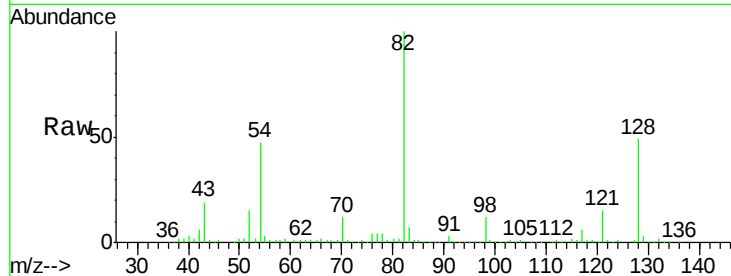




#23
 Nitrobenzene-d5
 Concen: 47.392 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF095629.D
 Acq: 2 Jun 2017 10:50

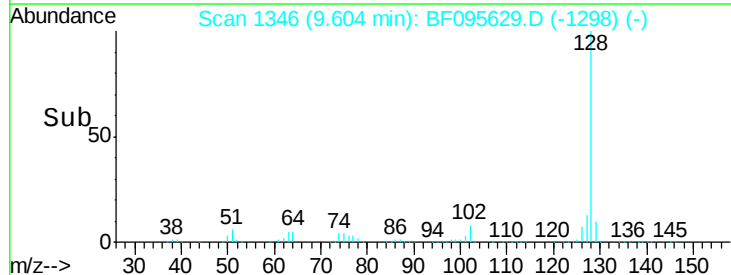
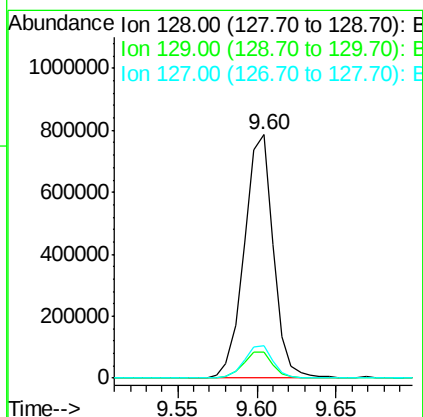
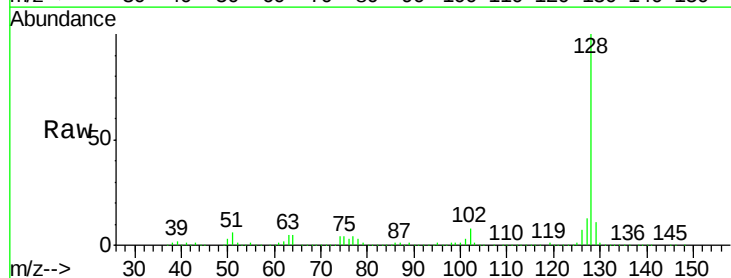
Instrument :
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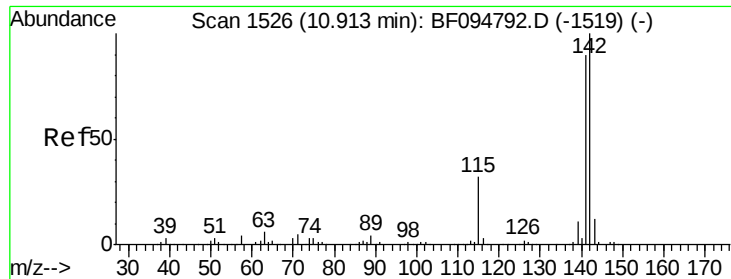
Tgt Ion: 82 Resp: 340024
 Ion Ratio Lower Upper
 82 100
 128 49.3 34.0 51.0
 54 47.5 42.2 63.2



#31
 Naphthalene
 Concen: 43.827 ng
 RT: 9.60 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BF095629.D
 Acq: 2 Jun 2017 10:50

Tgt Ion: 128 Resp: 996576
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.6
 127 13.4 10.8 16.2

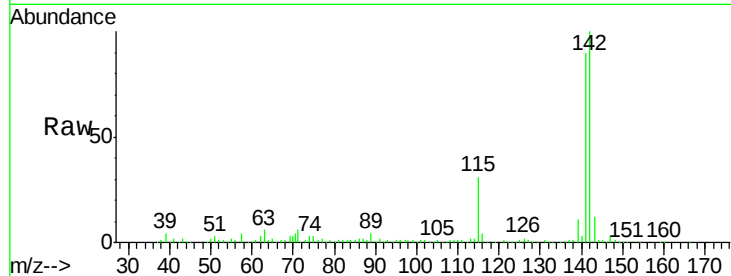




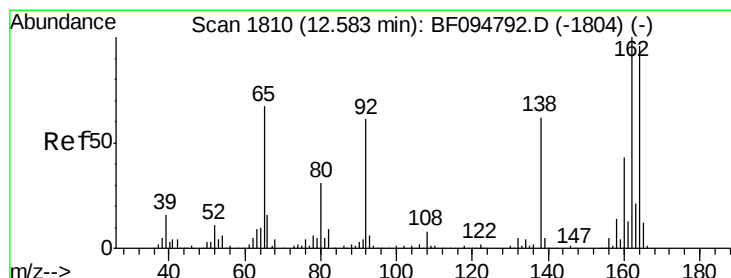
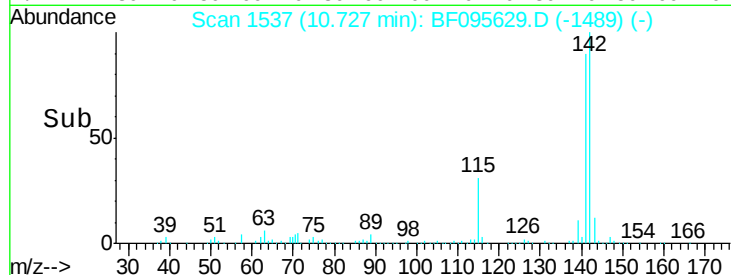
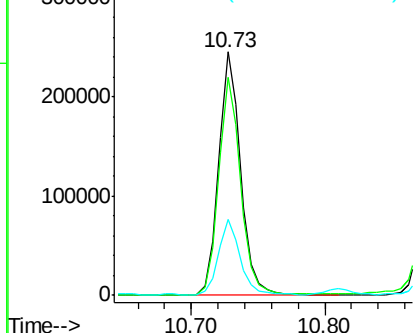
#37
2-Methylnaphthalene
Concen: 19.168 ng
RT: 10.73 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF095629.D
Acq: 2 Jun 2017 10:50

Instrument :
BNA_F
ClientSampleId :
S22-0024DL

Tgt Ion:142 Resp: 286054
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 31.0 27.1 40.7

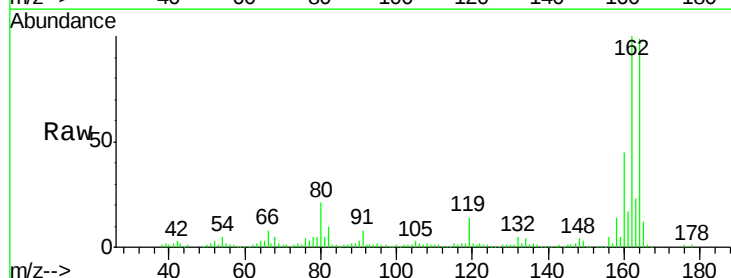


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

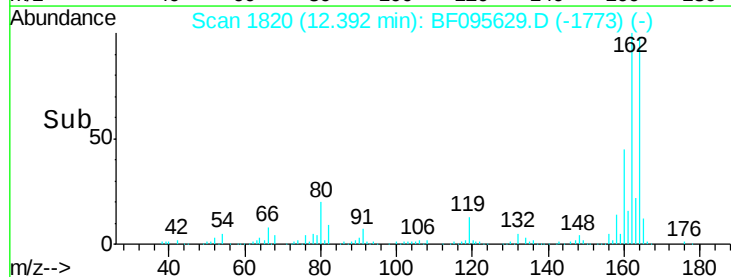
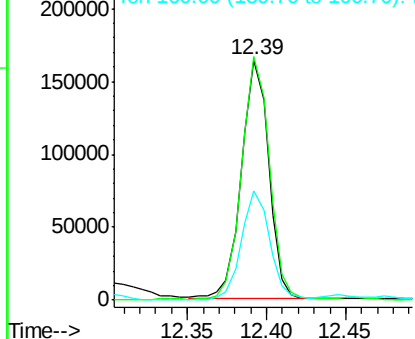


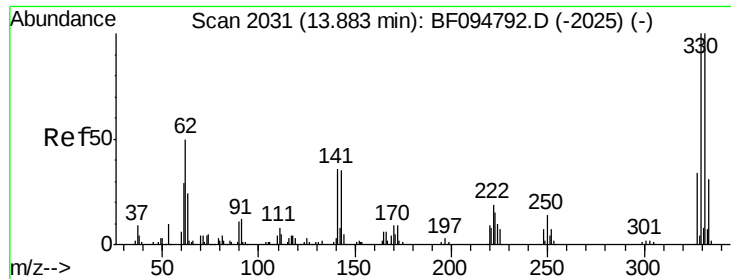
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BF095629.D
Acq: 2 Jun 2017 10:50

Tgt Ion:164 Resp: 196483
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 45.6 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

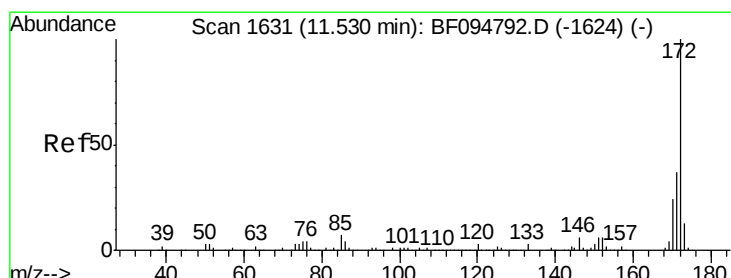
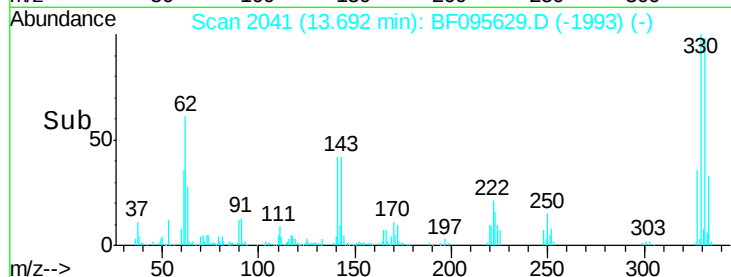
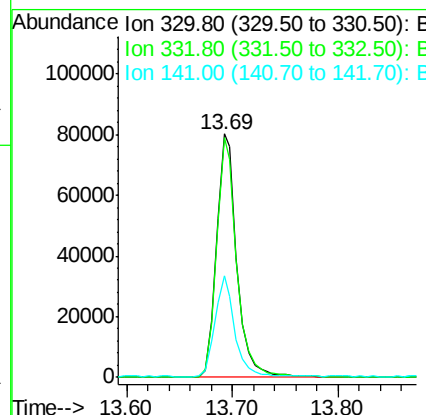
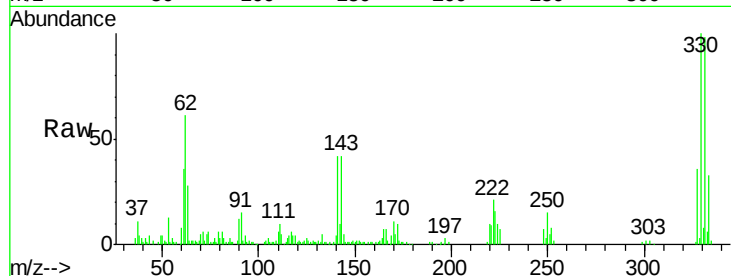




#41
 2,4,6-Tribromophenol
 Concen: 67.786 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: BF095629.D
 Acq: 2 Jun 2017 10:50

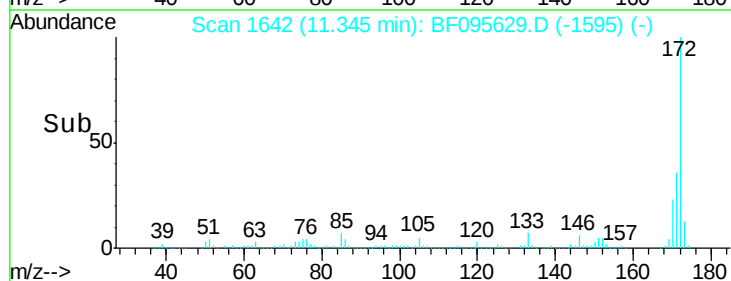
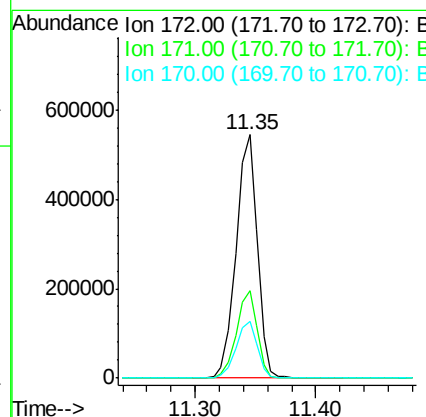
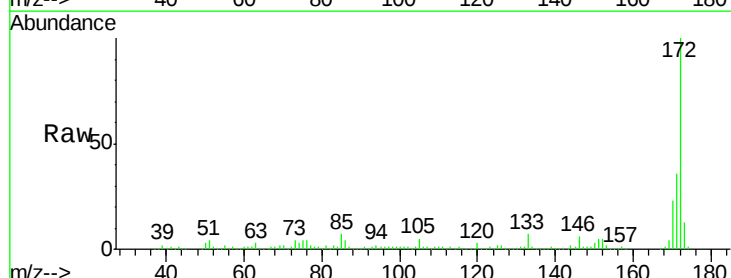
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 S22-0024DL

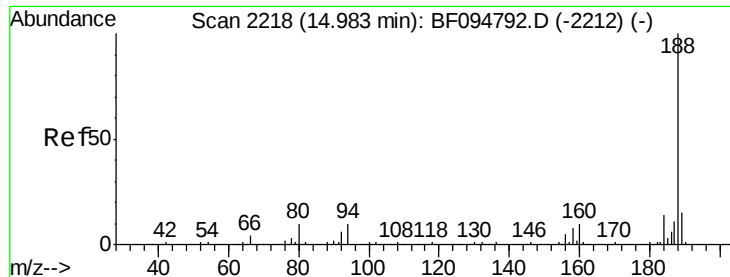
Tgt Ion: 330 Resp: 109076
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 42.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 48.941 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BF095629.D
 Acq: 2 Jun 2017 10:50

Tgt Ion: 172 Resp: 668087
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.5 19.8 29.8

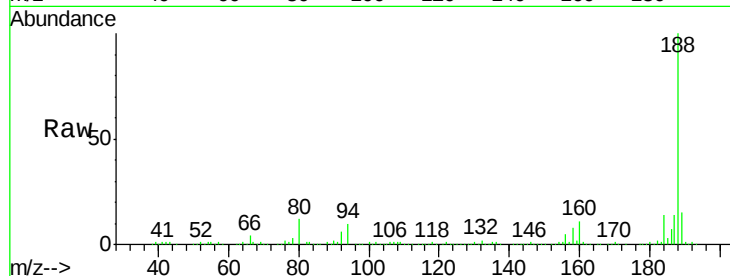




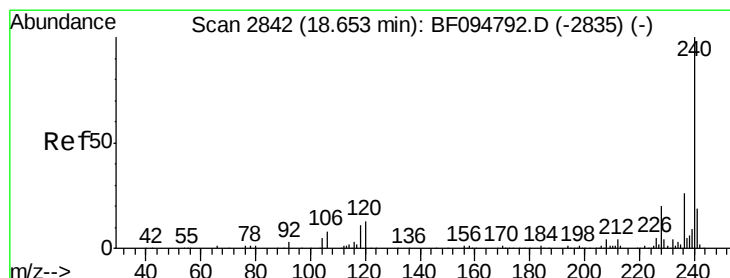
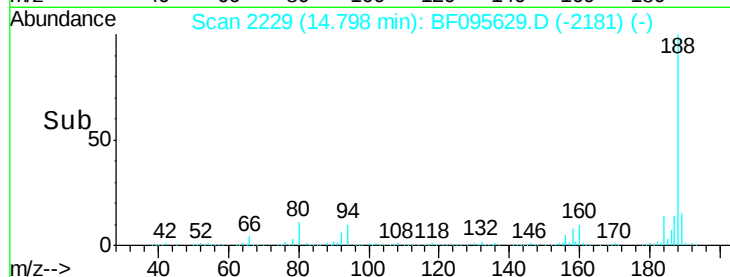
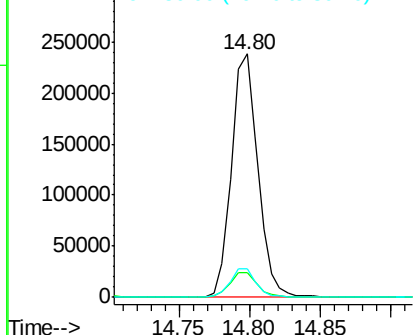
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095629.D
Acq: 2 Jun 2017 10:50

Instrument :
BNA_F
ClientSampleId :
S22-0024DL

Tgt Ion:188 Resp: 311047
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.6 10.2 15.2

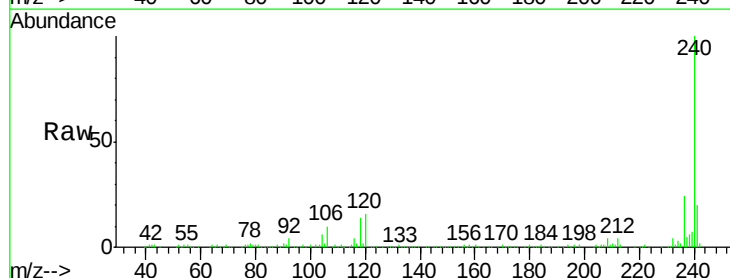


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

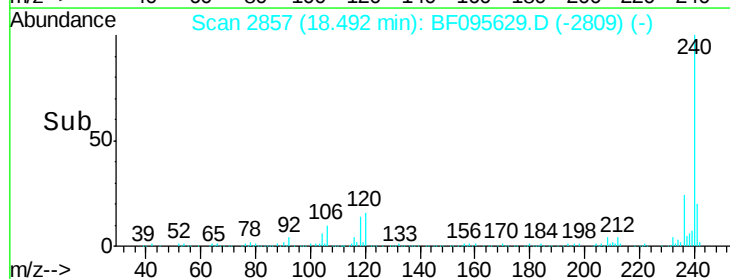
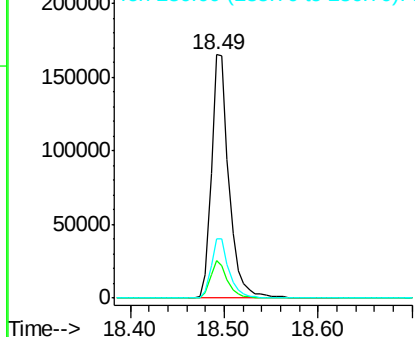


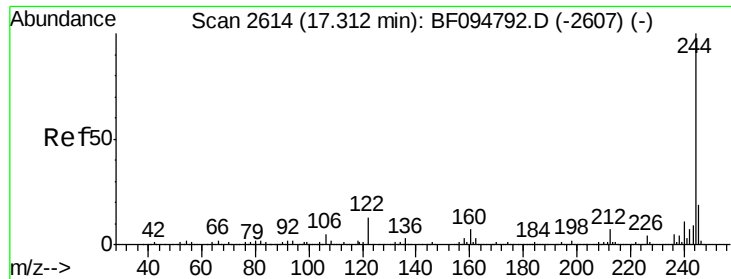
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BF095629.D
Acq: 2 Jun 2017 10:50

Tgt Ion:240 Resp: 218471
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 24.3 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

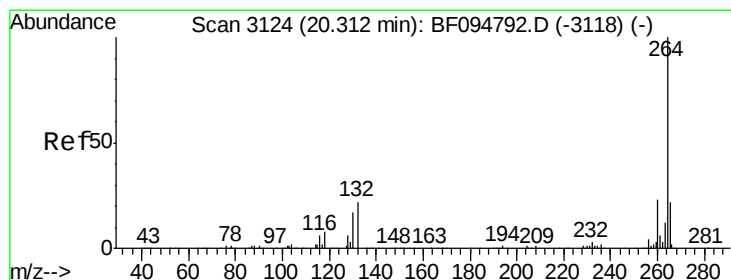
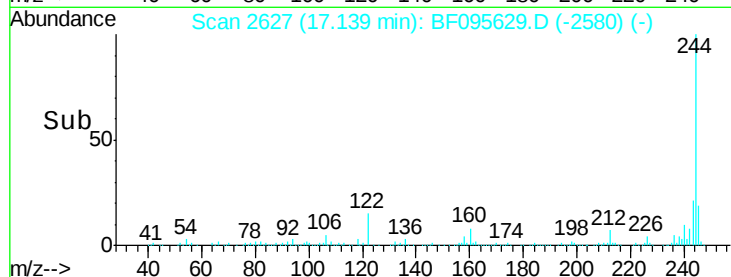
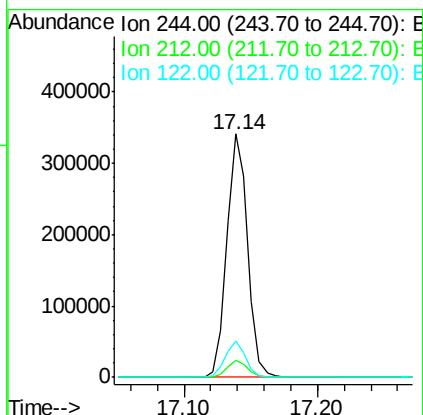
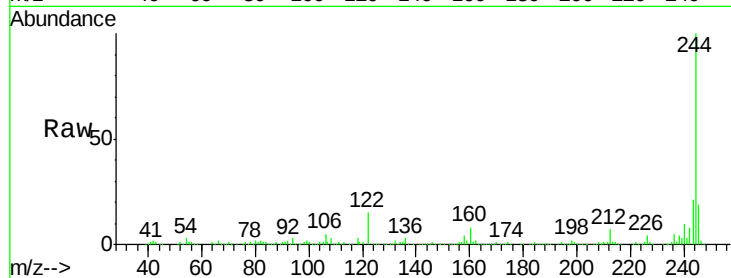




#78
 Terphenyl-d14
 Concen: 37.628 ng
 RT: 17.14 min Scan# 2627
 Delta R.T. -0.02 min
 Lab File: BF095629.D
 Acq: 2 Jun 2017 10:50

Instrument :
 BNA_F
 ClientSampleId :
 S22-0024DL

Tgt Ion:244 Resp: 373231
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BF095629.D
 Acq: 2 Jun 2017 10:50

Tgt Ion:264 Resp: 192899
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 19.9 17.2 25.8

