

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094146.D
 Acq On : 4 Apr 2017 4:18
 Operator : SJ/MA
 Sample : I2510-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-BASE

Quant Time: Apr 04 05:58:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

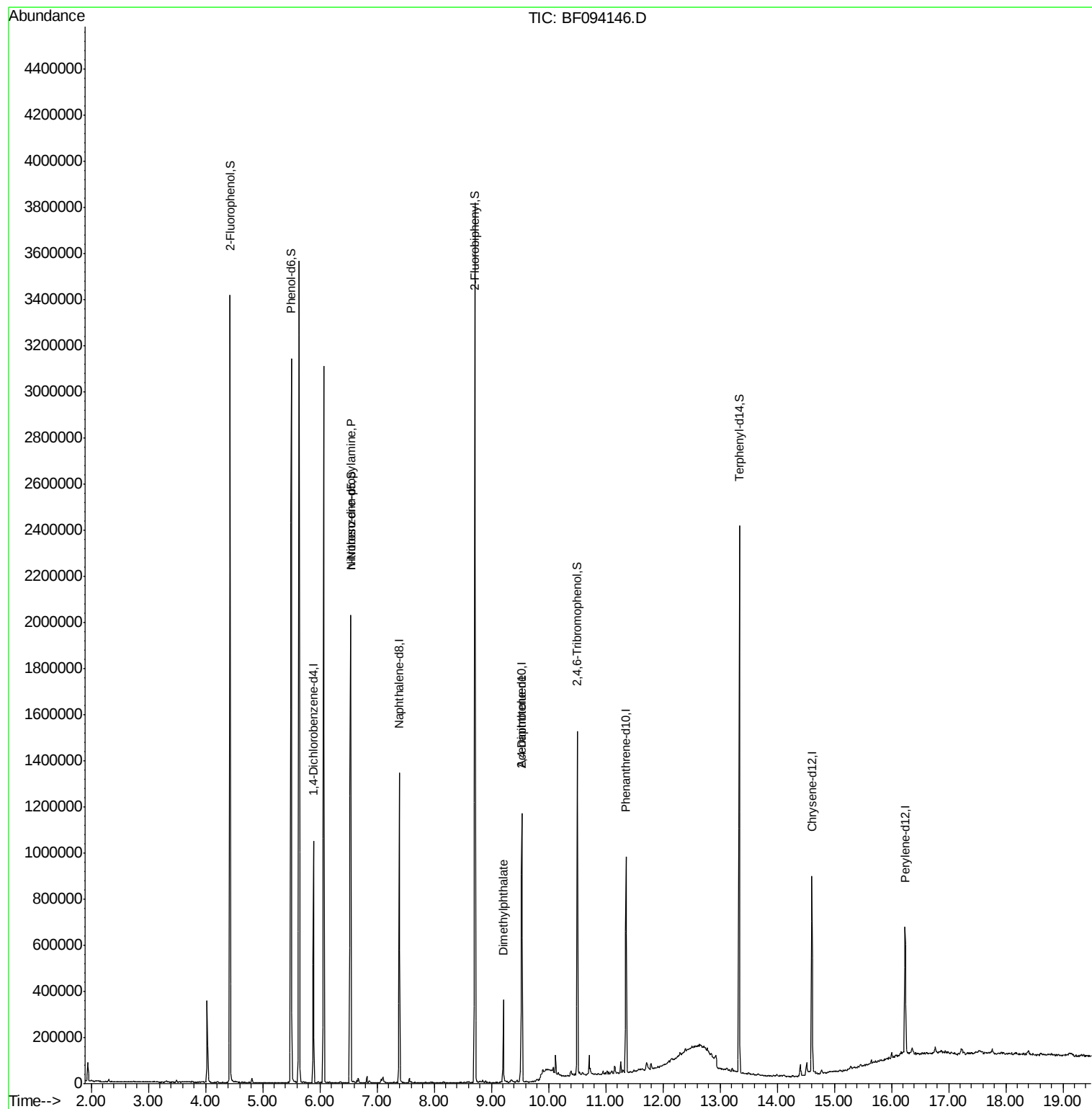
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	163556	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	625201	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	242280	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	355243	20.00	ng	-0.02
75) Chrysene-d12	14.61	240	310268	20.00	ng	-0.02
86) Perylene-d12	16.24	264	224308	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1092152	112.78	ng	0.00
7) Phenol-d6	5.50	99	1351475	112.82	ng	-0.01
23) Nitrobenzene-d5	6.54	82	805067	73.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	180392	94.22	ng	-0.01
44) 2-Fluorobiphenyl	8.72	172	1325987	83.48	ng	-0.02
78) Terphenyl-d14	13.34	244	811415	58.62	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.54	70	104649	13.59	ng	# 76
49) Dimethylphthalate	9.21	163	148186	8.60	ng	98
56) 2,4-Dinitrotoluene	9.53	165	30909	6.23	ng	# 33

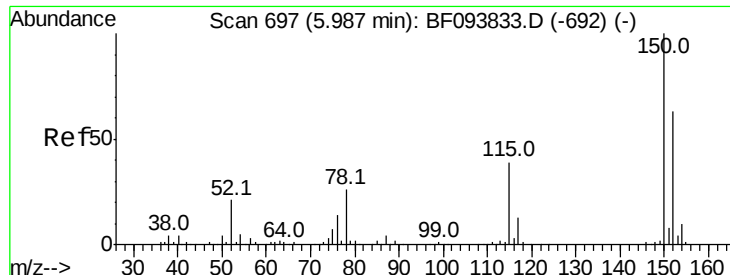
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Instrument :

BNA_F

ClientSampleId :

E2-U4-BASE

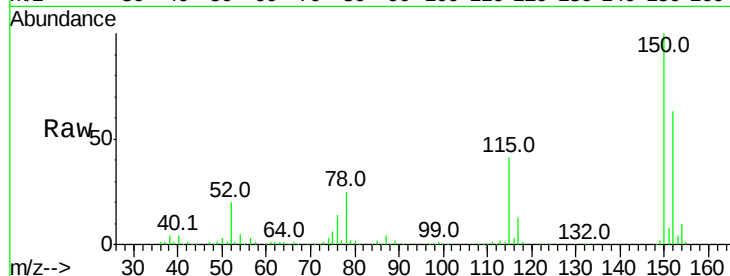
Tot Ion:152 Resp: 163556

Ion Ratio Lower Upper

152 100

150 159.6 126.2 189.2

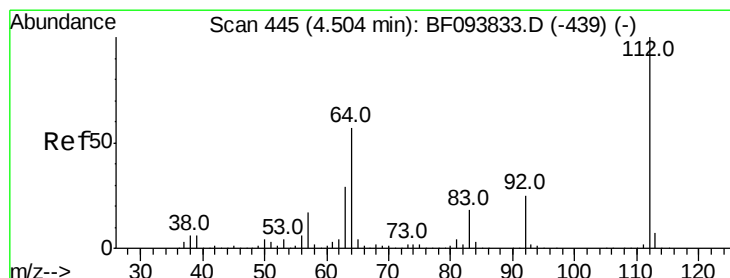
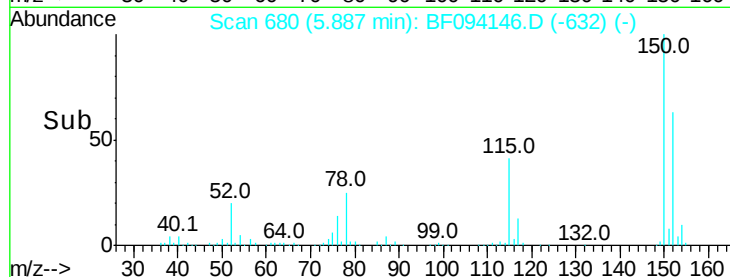
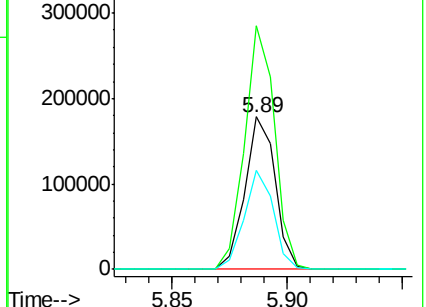
115 64.9 52.2 78.2



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: 112.78 ng

RT: 4.43 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

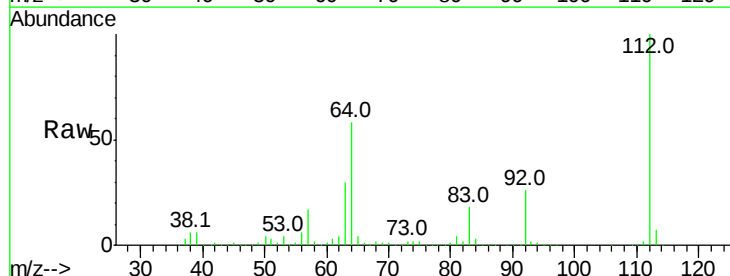
Tgt Ion:112 Resp: 1092152

Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

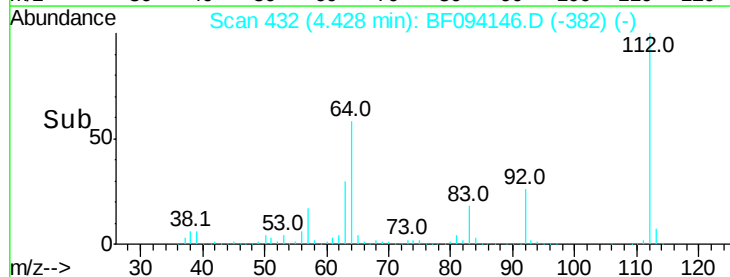
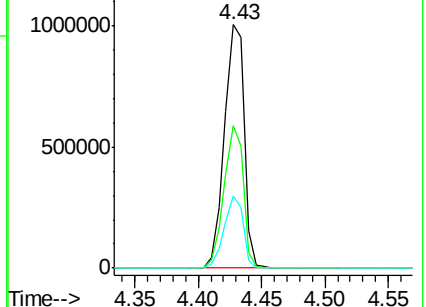
63 29.7 23.4 35.0

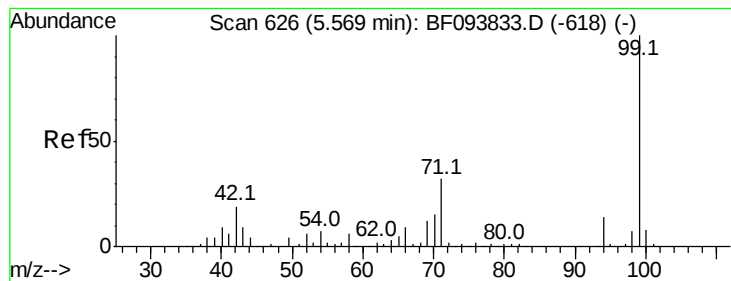


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.82 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Instrument :

BNA_F

ClientSampleId :

E2-U4-BASE

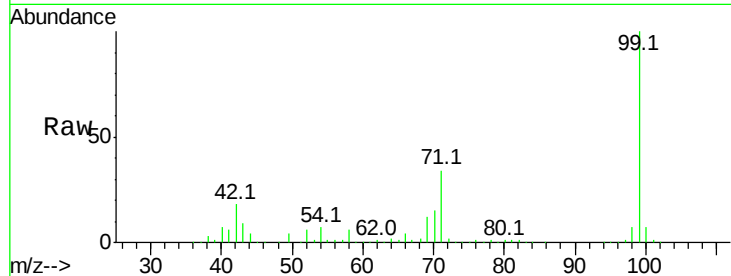
Tot Ion: 99 Resp: 1351475

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

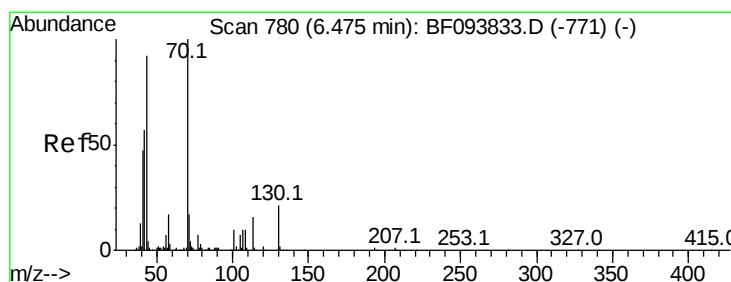
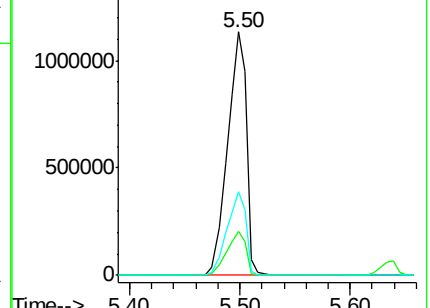
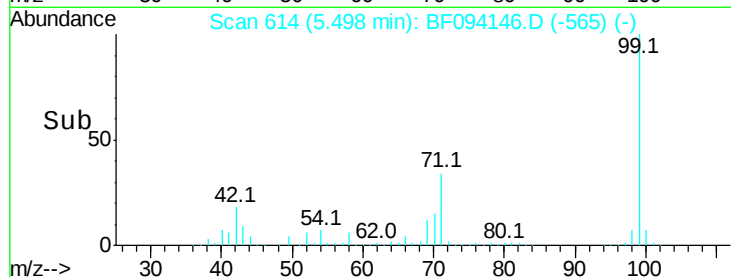
71 34.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.59 ng

RT: 6.54 min Scan# 791

Delta R.T. 0.15 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Tgt Ion: 70 Resp: 104649

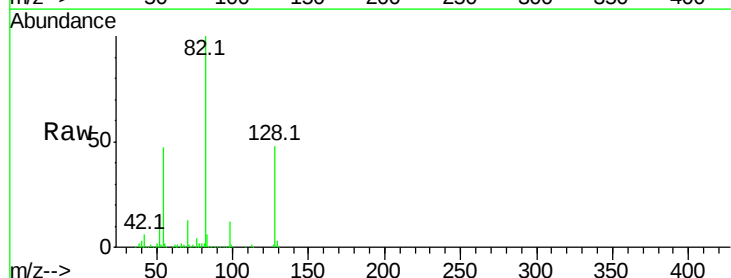
Ion Ratio Lower Upper

70 100

42 45.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

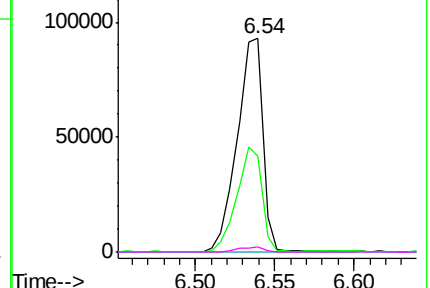
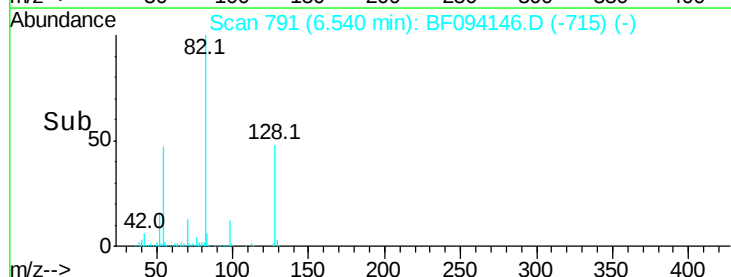


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Instrument :

BNA_F

ClientSampleId :

E2-U4-BASE

Tot Ion:136 Resp: 625201

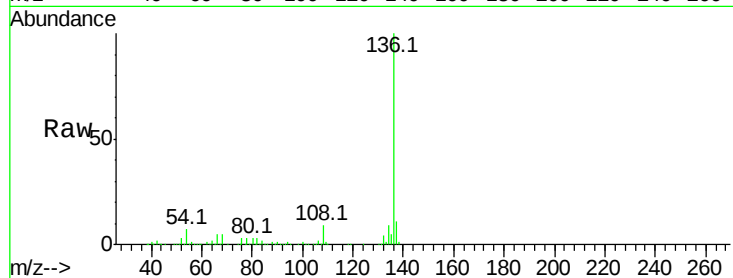
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

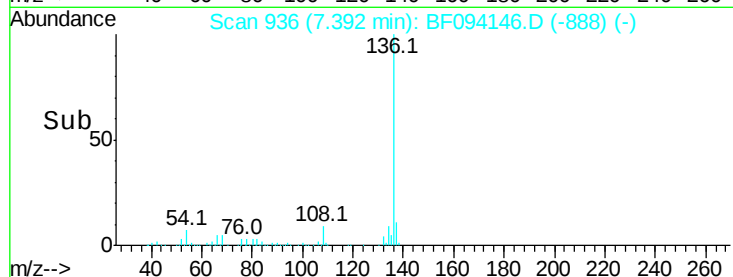


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

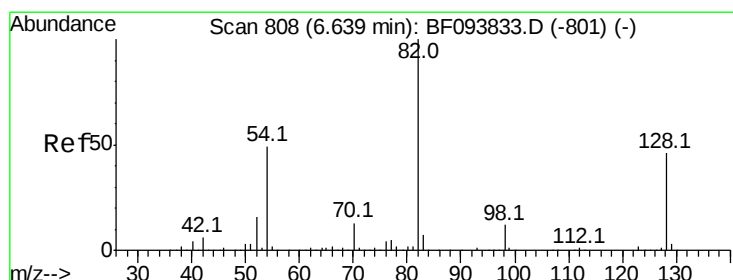
Ion 68.00 (67.70 to 68.70): BF0



Abundance

7.39

Time-->



#23

Nitrobenzene-d5

Concen: 73.49 ng

RT: 6.54 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

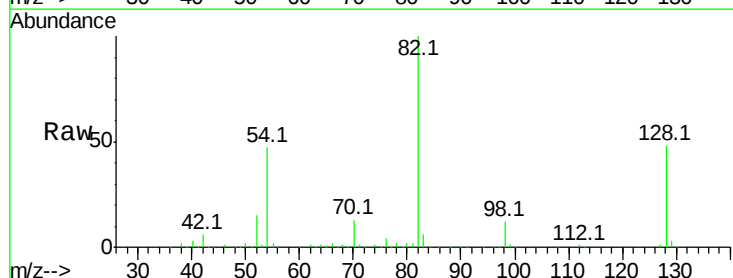
Tgt Ion: 82 Resp: 805067

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

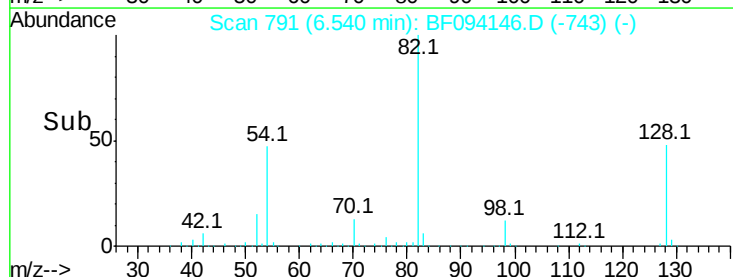
54 46.9 42.2 63.2



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



Abundance

6.54

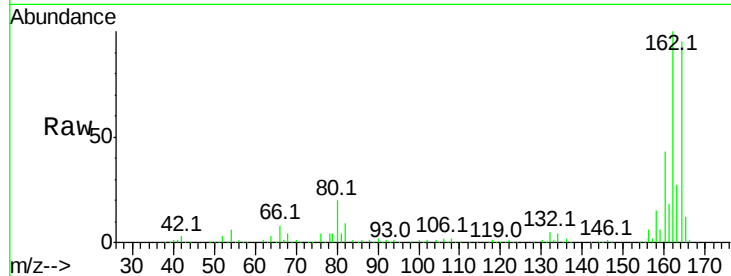
Time-->



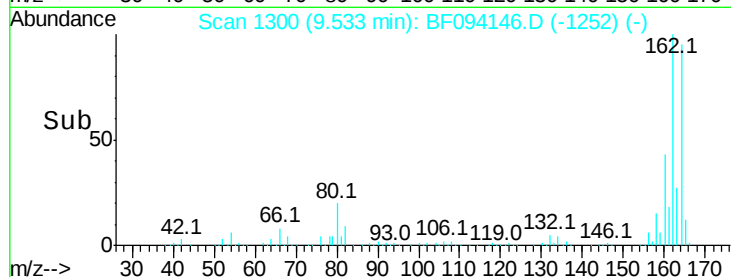
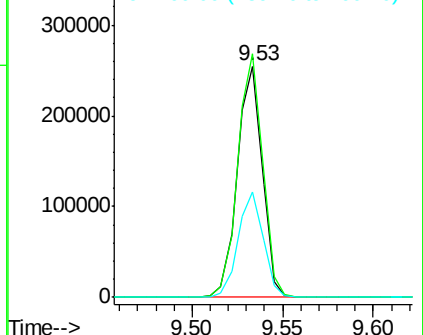
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-BASE

Tot Ion:164 Resp: 242280
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 45.5 36.2 54.2

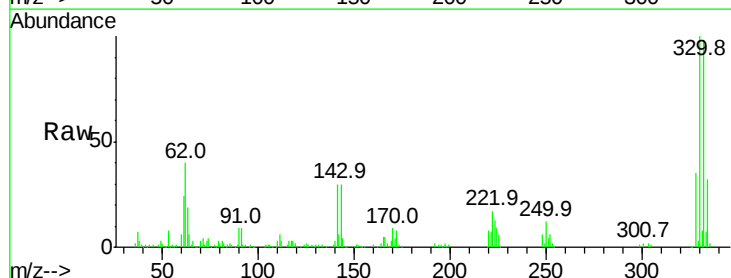


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

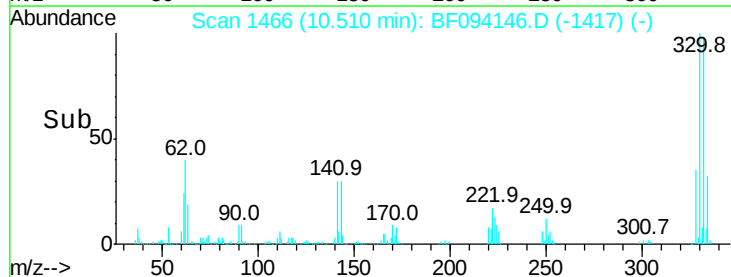
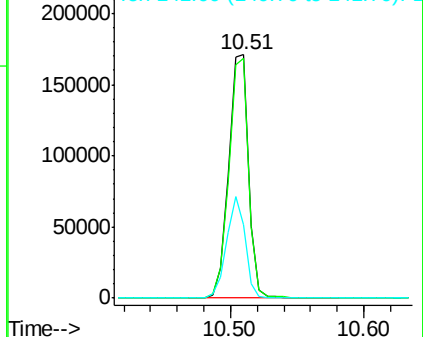


#41
 2,4,6-Tribromophenol
 Concen: 94.22 ng
 RT: 10.51 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Tgt Ion:330 Resp: 180392
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 39.4 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



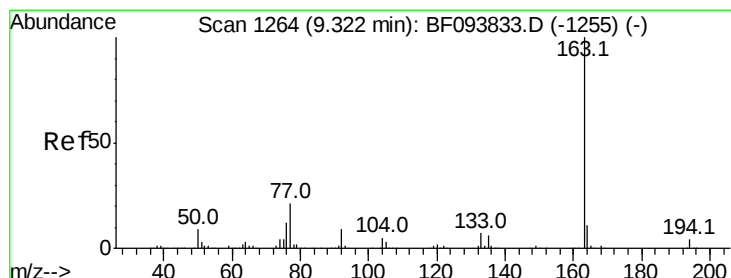
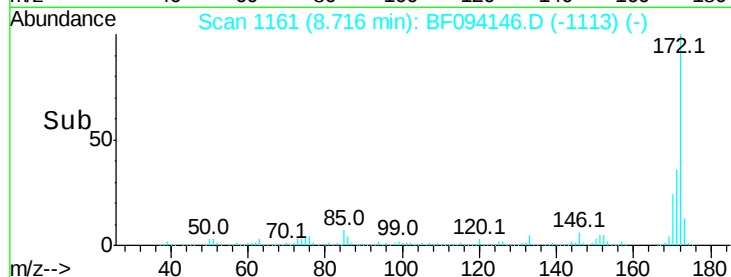
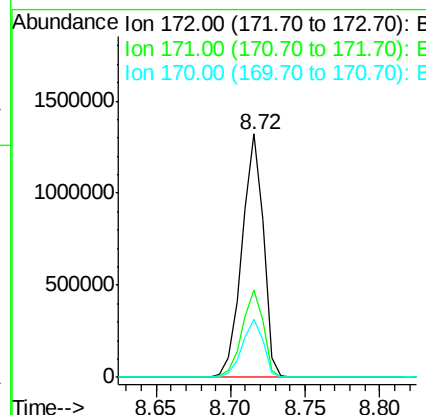
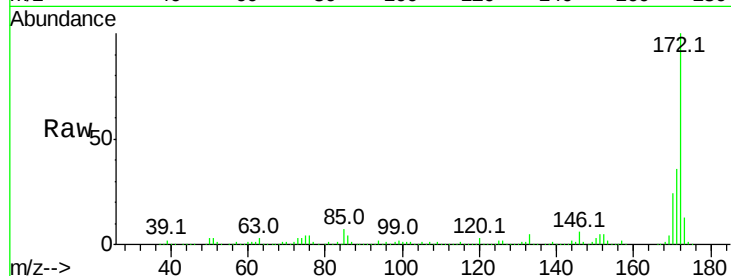


#44
 2-Fluorobiphenyl
 Concen: 83.48 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-BASE

Tot Ion:172 Resp: 1325987

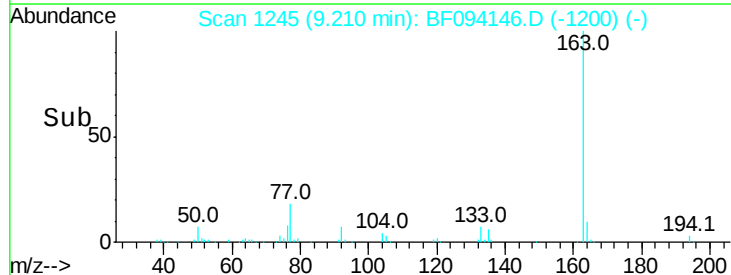
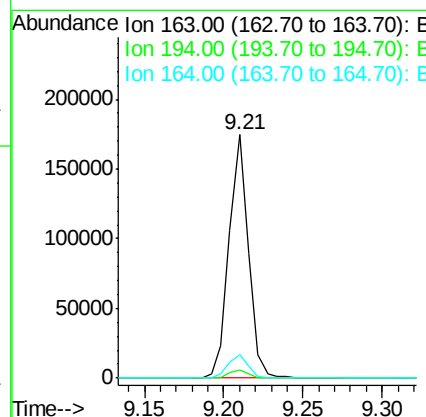
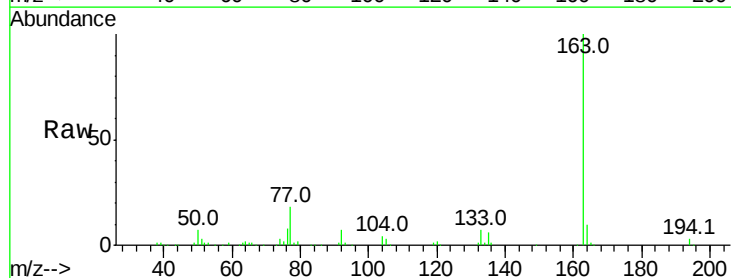
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8



#49
 Dimethylphthalate
 Concen: 8.60 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.04 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Tgt Ion:163 Resp: 148186

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.6	8.4	12.6

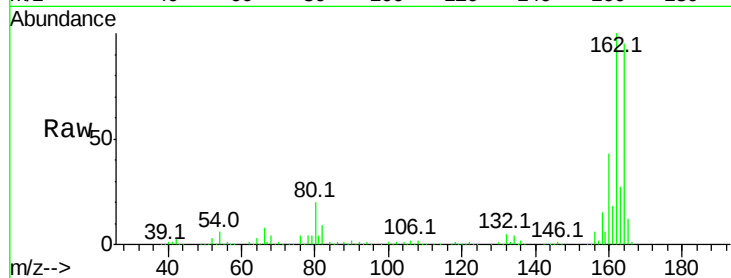




#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.26 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-BASE

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

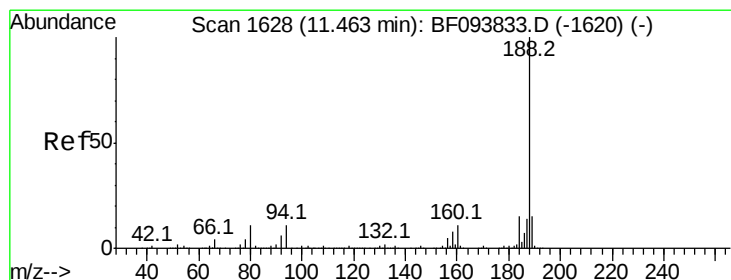
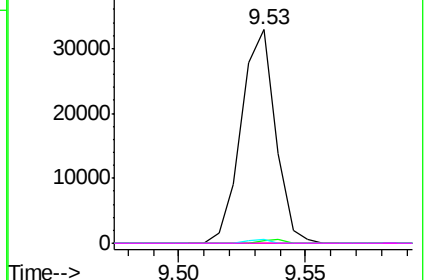
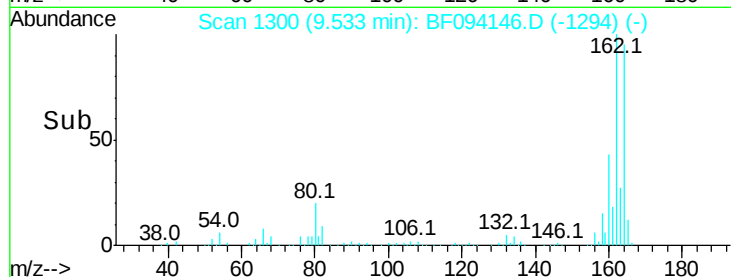


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

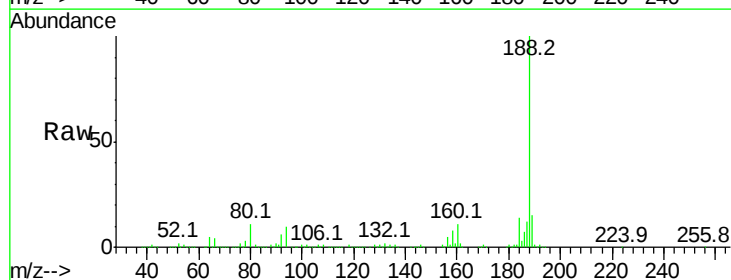
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

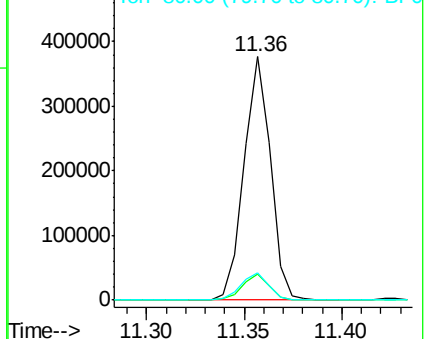
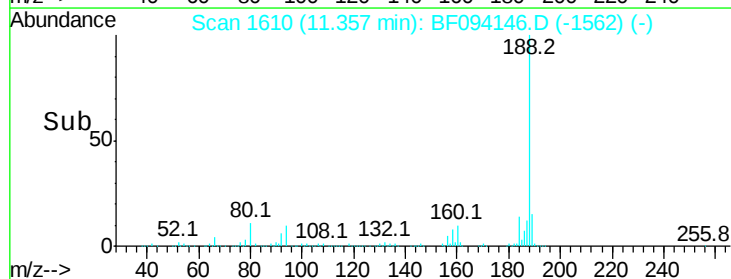
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2

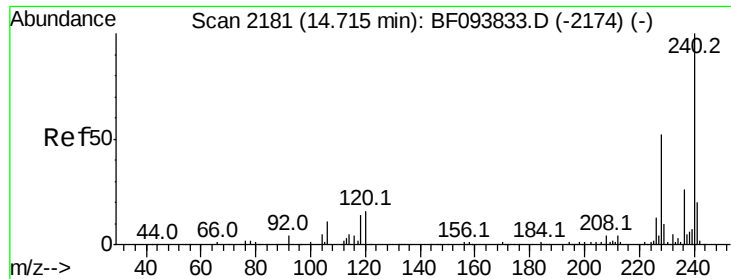


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

Instrument :

BNA_F

ClientSampleId :

E2-U4-BASE

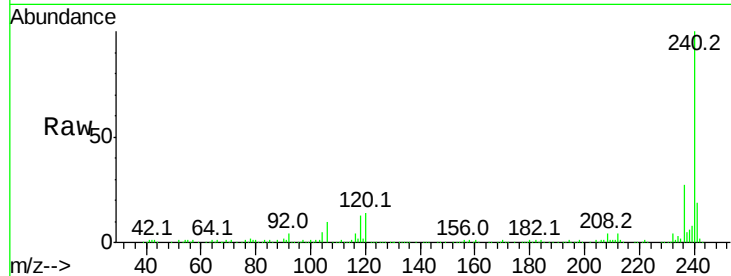
Tot Ion:240 Resp: 310268

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

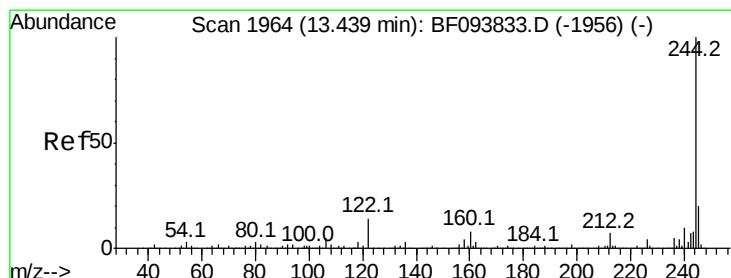
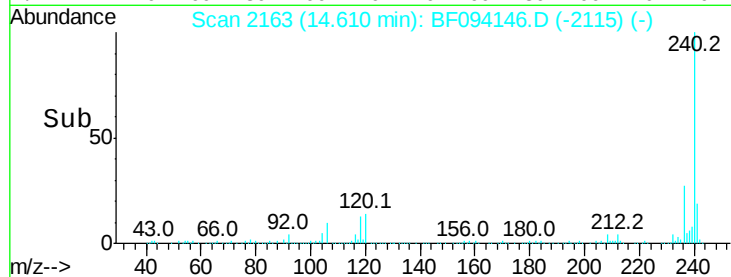
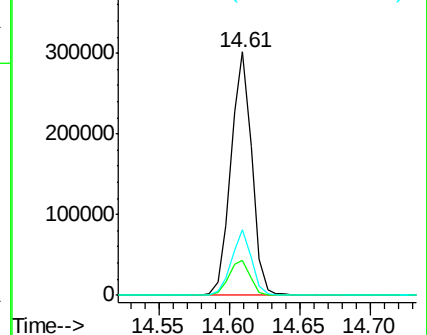
236 26.7 20.5 30.7



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: 58.62 ng

RT: 13.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BF094146.D

Acq: 4 Apr 2017 4:18

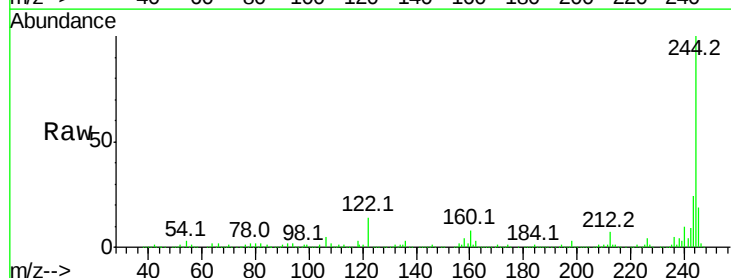
Tgt Ion:244 Resp: 811415

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

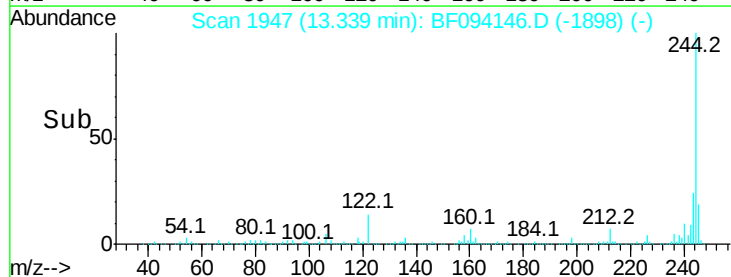
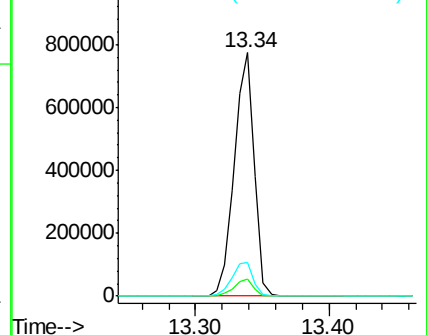
122 13.8 10.3 15.5

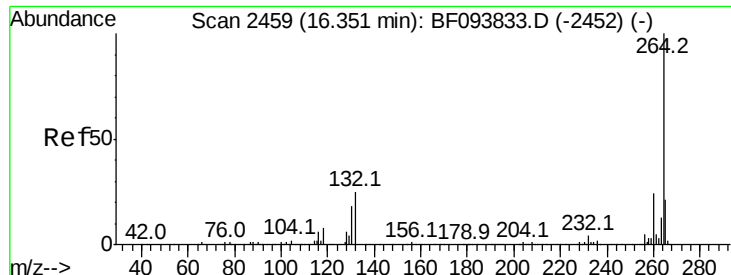


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

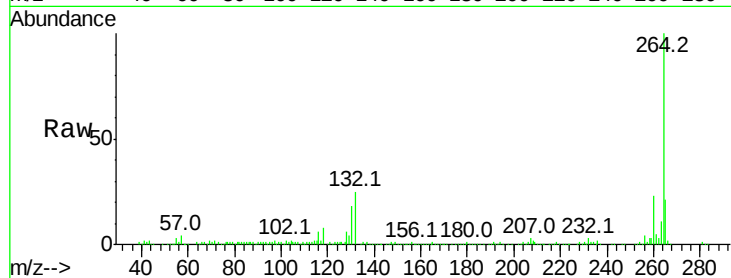




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094146.D
 Acq: 4 Apr 2017 4:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.8	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

