

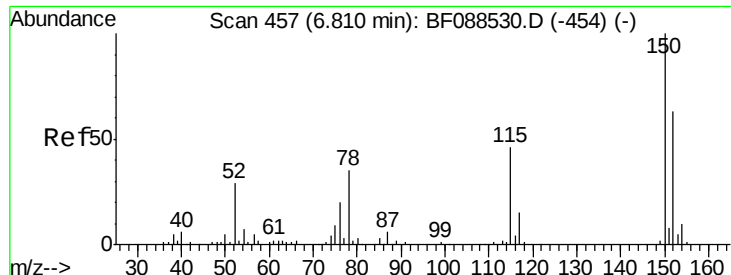
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088752.D
 Acq On : 6 Jul 2016 23:56
 Operator : UM/SJ
 Sample : H3878-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-09

Quant Time: Jul 07 01:07:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	85366	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	388865	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	184589	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	353940	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	251813	20.00	ng	-0.05
86) Perylene-d12	15.26	264	197650	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	619264	108.72	ng	-0.03
7) Phenol-d6	6.39	99	771903	104.88	ng	-0.02
23) Nitrobenzene-d5	7.31	82	510990	68.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	189279	110.42	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	714046	61.10	ng	-0.03
78) Terphenyl-d14	12.85	244	754174	66.71	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	18226	2.17	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.31	70	70295	14.22	ng	# 71
49) Dimethylphthalate	9.51	163	147112	11.19	ng	97
56) 2,4-Dinitrotoluene	9.78	165	23448	6.15	ng	# 38
66) 4-Bromophenyl-phenylether	10.57	248	11688	3.28	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

Instrument :

BNA_F

ClientSampled :

C2.1-09

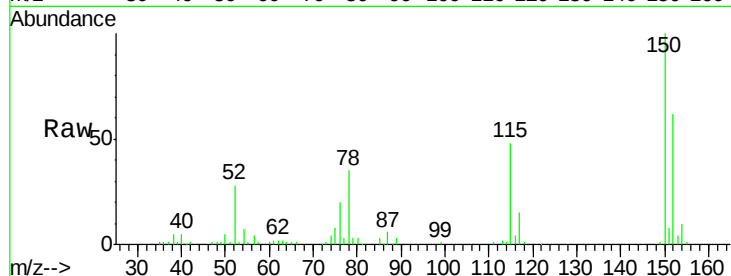
Tgt Ion:152 Resp: 85366

Ion Ratio Lower Upper

152 100

150 160.6 123.8 185.6

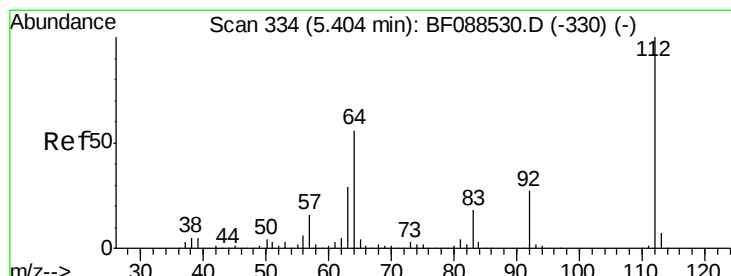
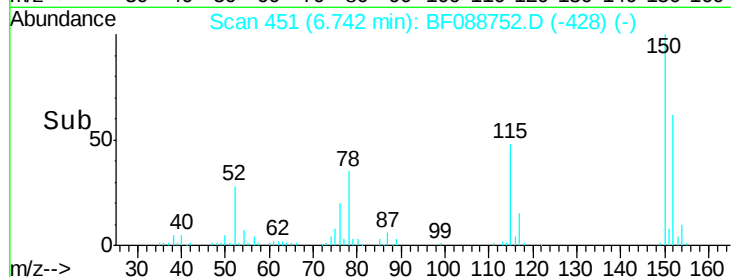
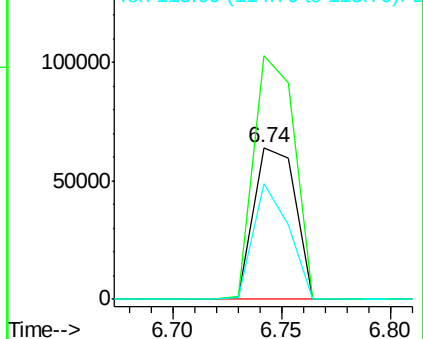
115 76.6 39.6 59.4#



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: 108.72 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

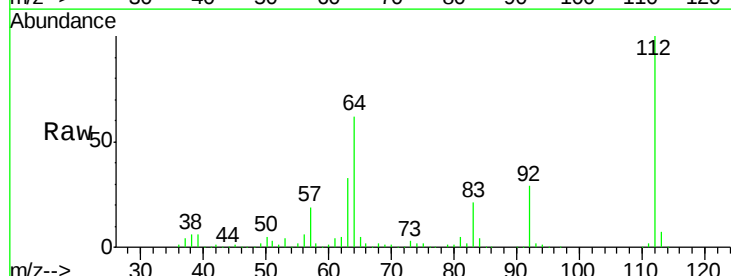
Tgt Ion:112 Resp: 619264

Ion Ratio Lower Upper

112 100

64 62.5 42.2 63.2

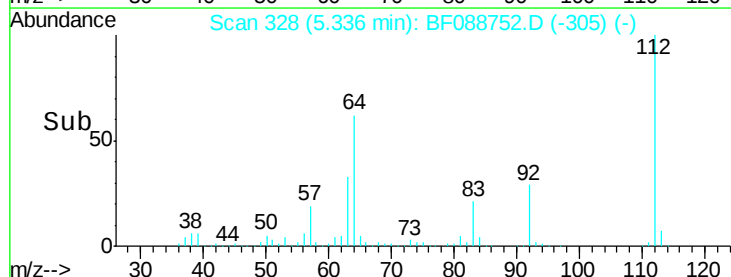
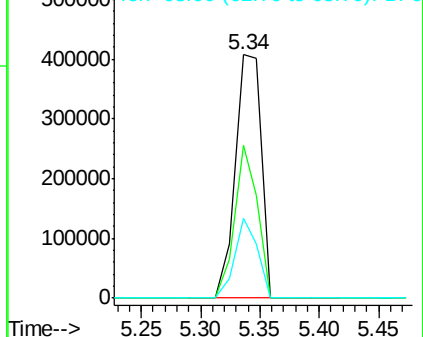
63 33.0 21.8 32.8#



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: 104.88 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

Instrument :

BNA_F

ClientSampleId :

C2.1-09

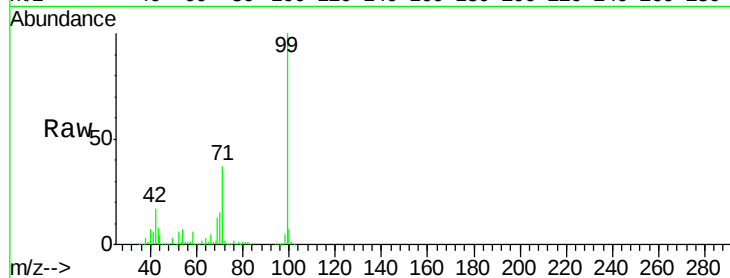
Tgt Ion: 99 Resp: 771903

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

71 37.5 23.4 35.0#



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

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

6.39

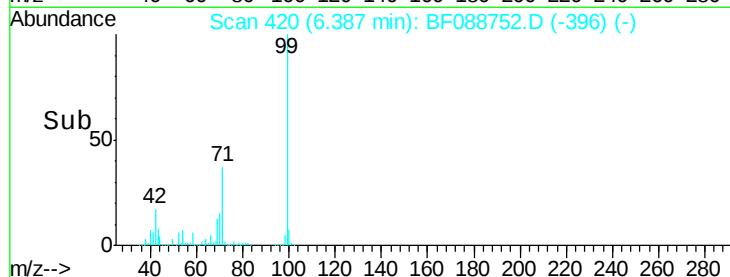
6.39

6.39

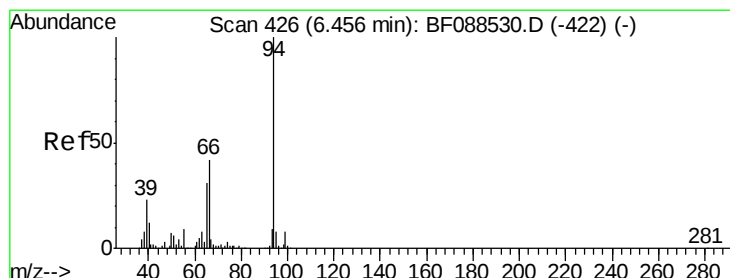
6.39

6.39

6.39



Time-->



#10

Phenol

Concen: 2.17 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

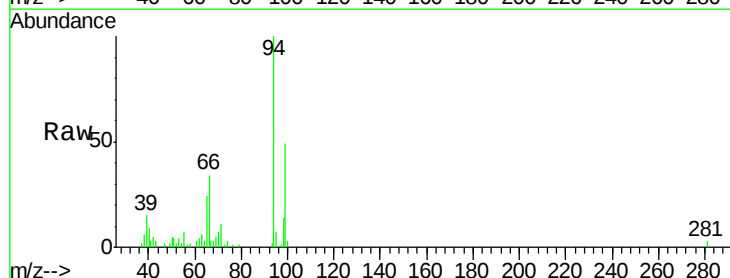
Tgt Ion: 94 Resp: 18226

Ion Ratio Lower Upper

94 100

65 24.3 5.9 45.9

66 34.0 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

6.40

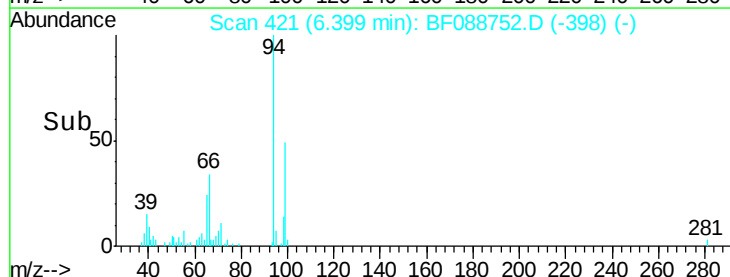
6.40

6.40

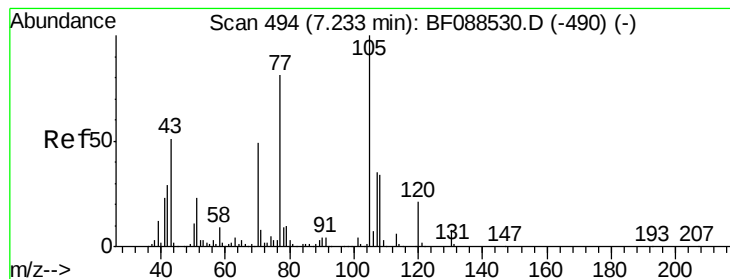
6.40

6.40

6.40



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.22 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.11 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

Instrument :

BNA_F

ClientSampleId :

C2.1-09

Tgt Ion: 70 Resp: 70295

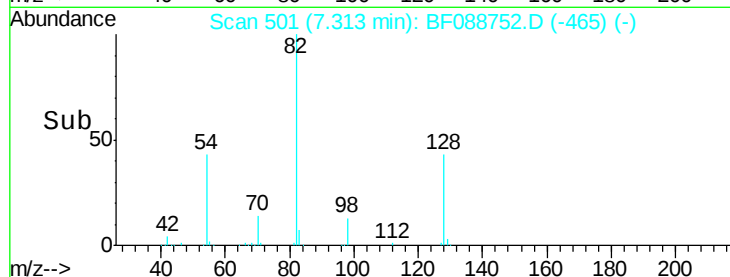
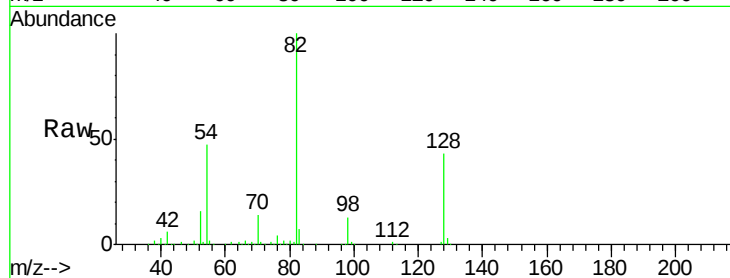
Ion Ratio Lower Upper

70 100

42 41.2 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

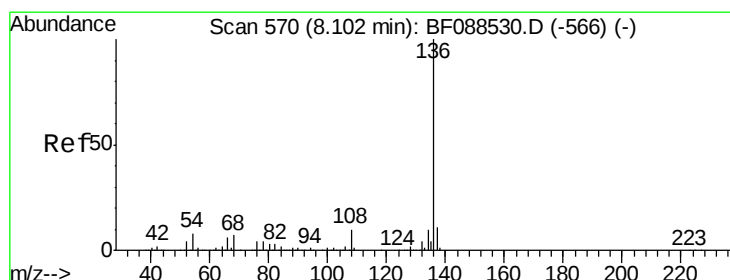
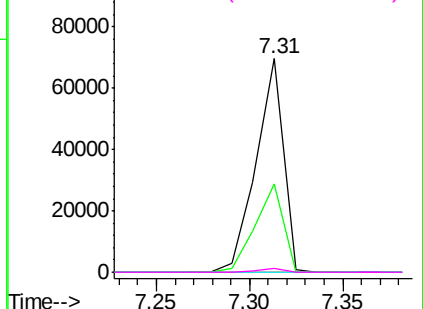


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

Tgt Ion: 136 Resp: 388865

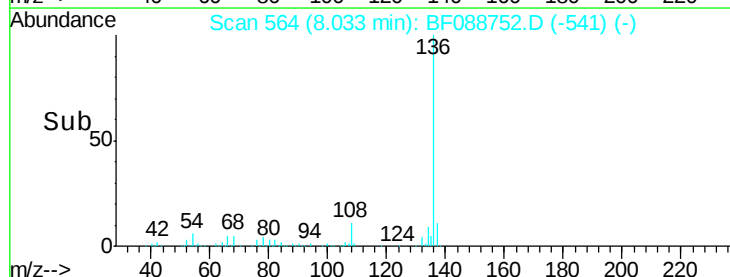
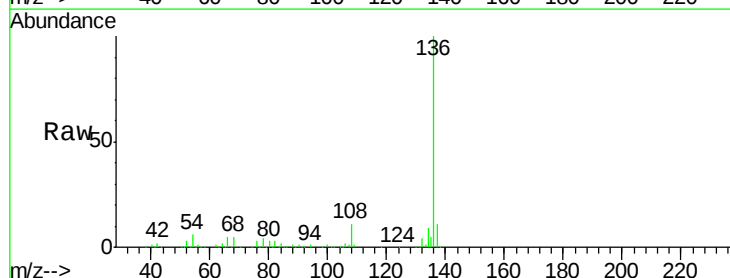
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.3 6.6 10.0#

68 5.3 5.1 7.7

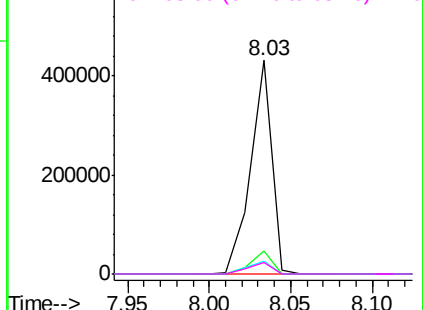


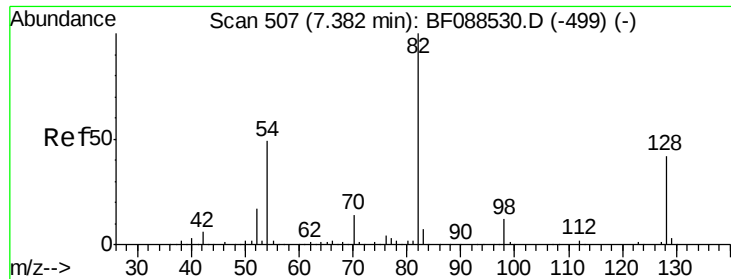
Abundance Ion 136.00 (135.70 to 136.70): E

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

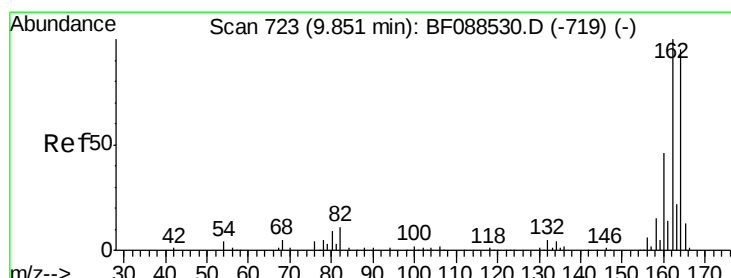
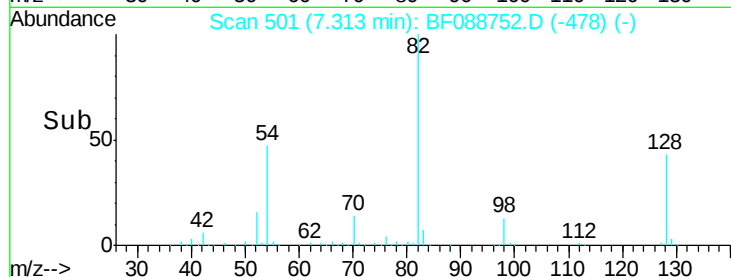
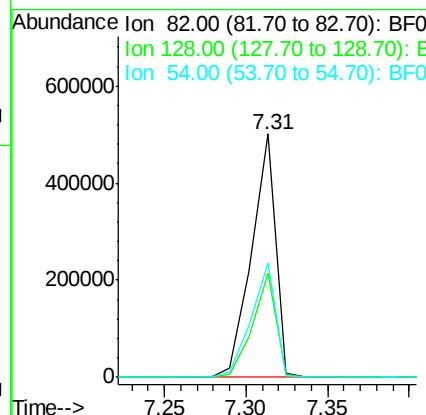
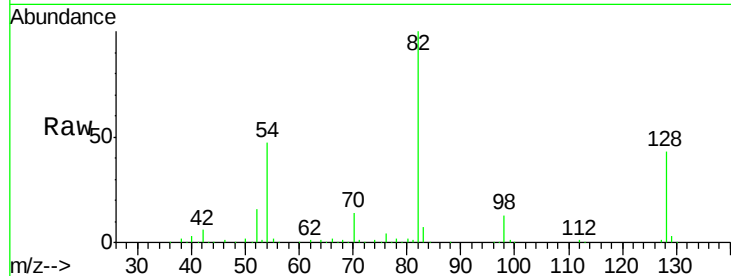




#23
 Nitrobenzene-d5
 Concen: 68.86 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

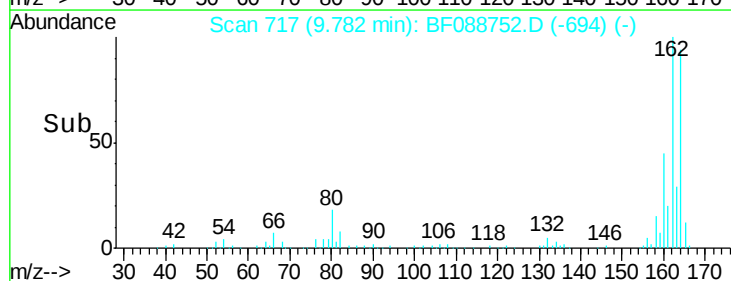
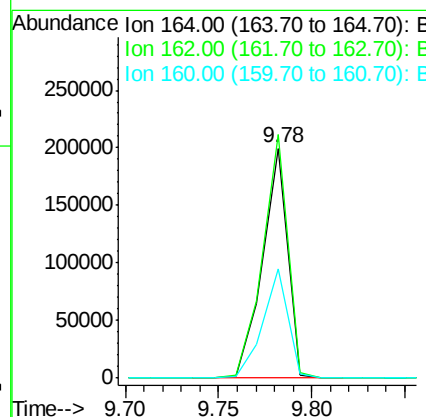
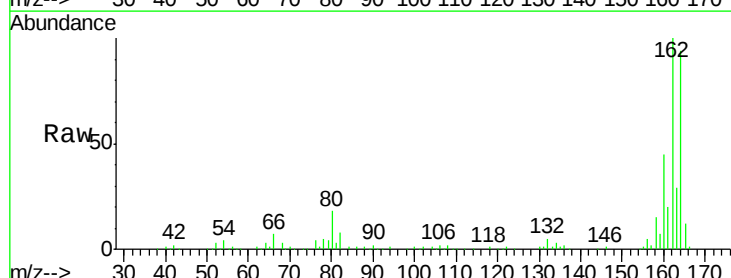
Instrument :
 BNA_F
 ClientSampleId :
 C2.1-09

Tgt Ion: 82 Resp: 510990
 Ion Ratio Lower Upper
 82 100
 128 43.0 35.9 53.9
 54 47.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

Tgt Ion: 164 Resp: 184589
 Ion Ratio Lower Upper
 164 100
 162 105.9 85.4 128.2
 160 47.8 39.5 59.3

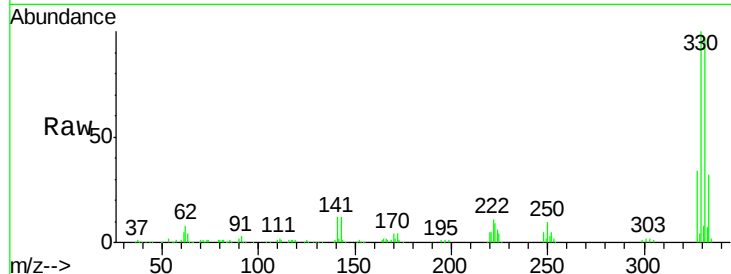




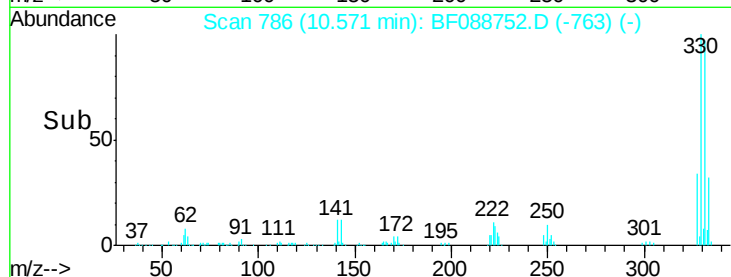
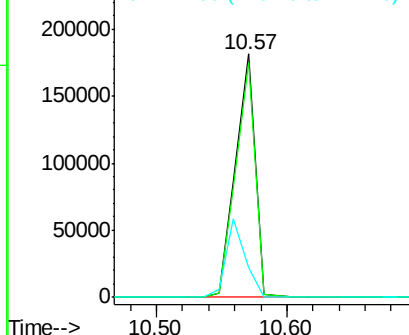
#41
 2,4,6-Tribromophenol
 Concen: 110.42 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-09

Tgt Ion:330 Resp: 189279
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 31.7 0.0 0.0#

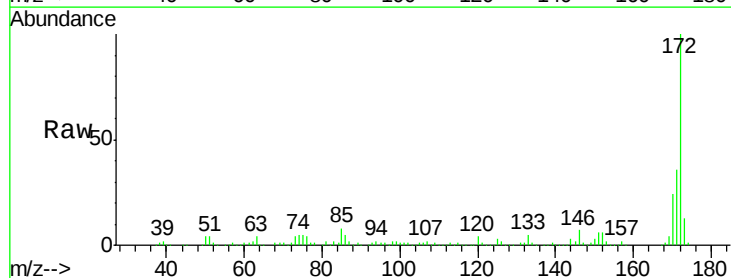


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

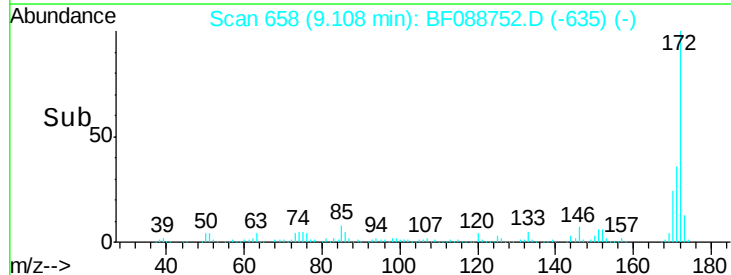
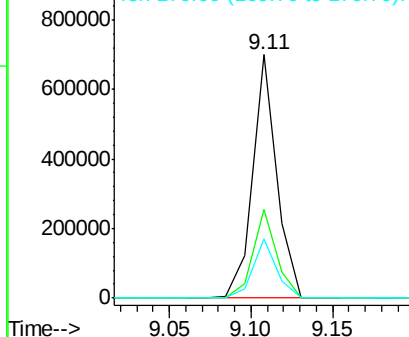


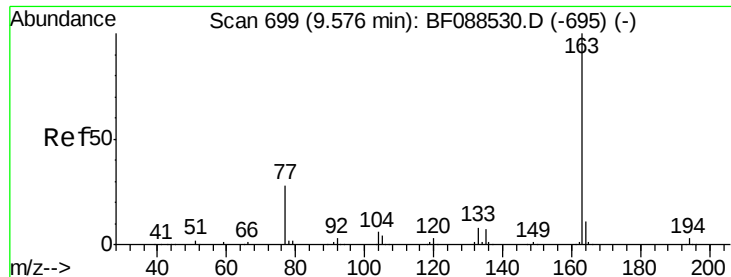
#44
 2-Fluorobiphenyl
 Concen: 61.10 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

Tgt Ion:172 Resp: 714046
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.4 19.2 28.8



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

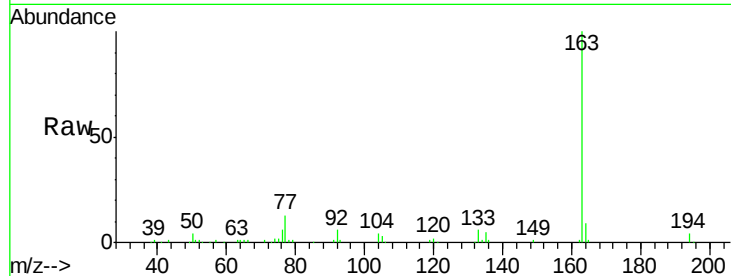




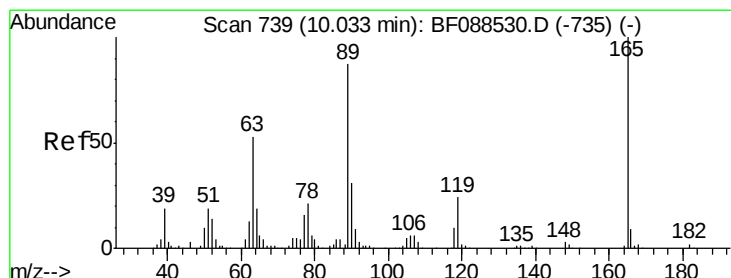
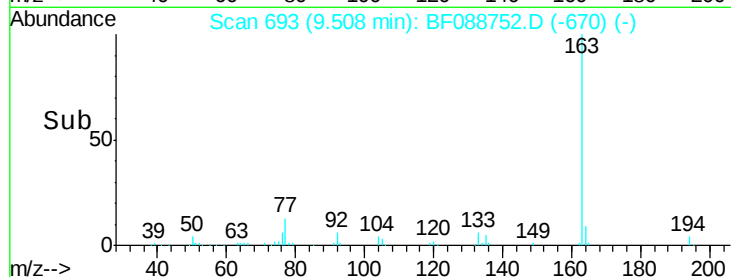
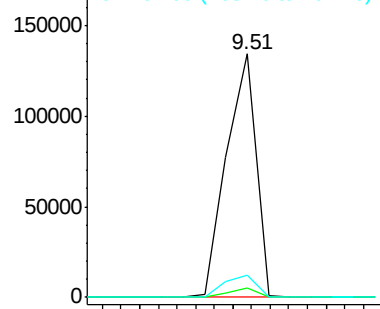
#49
Dimethylphthalate
Concen: 11.19 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF088752.D
Acq: 6 Jul 2016 23:56

Instrument :
BNA_F
ClientSampleId :
C2.1-09

Tgt Ion:163 Resp: 147112
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.2 8.3 12.5

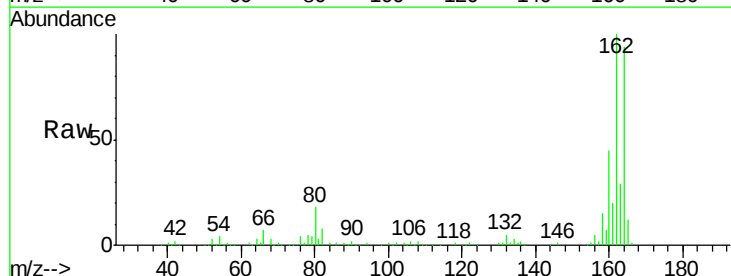


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

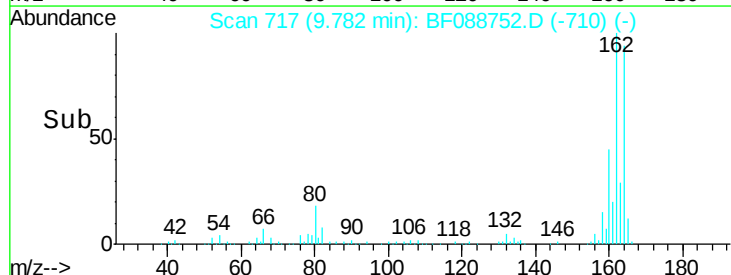
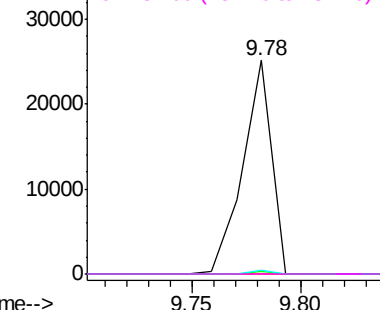


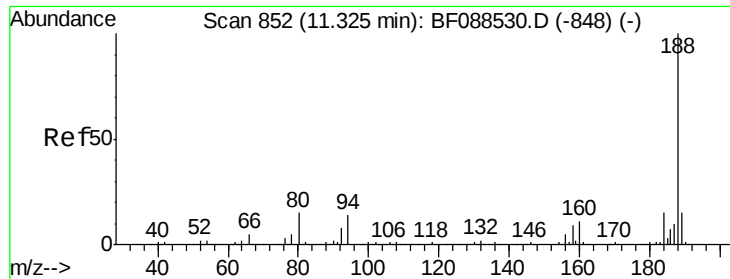
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.22 min
Lab File: BF088752.D
Acq: 6 Jul 2016 23:56

Tgt Ion:165 Resp: 23448
Ion Ratio Lower Upper
165 100
63 1.3 22.0 33.0#
89 1.6 41.1 61.7#
182 0.0 2.0 3.0#



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

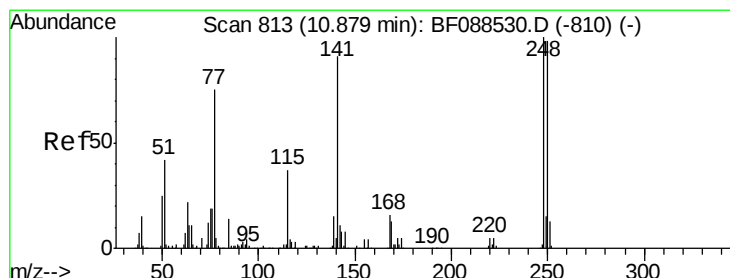
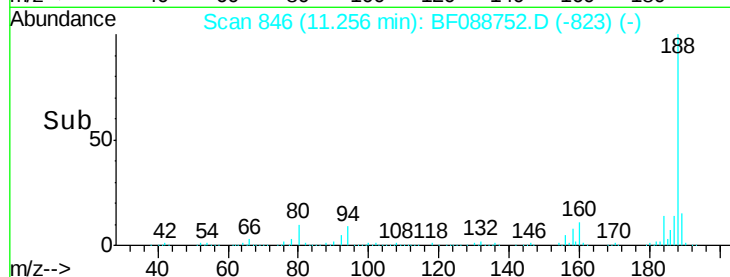
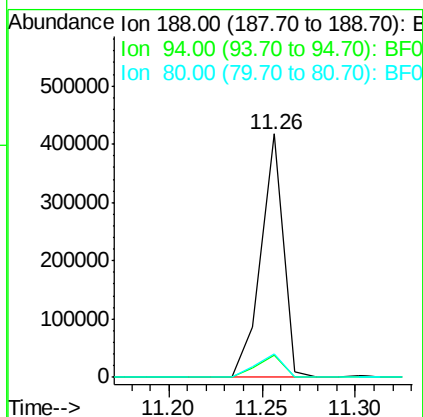
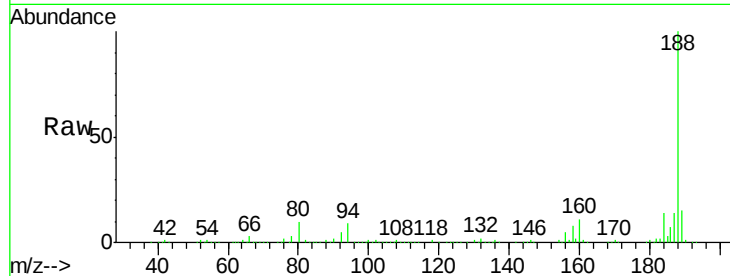




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.03 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

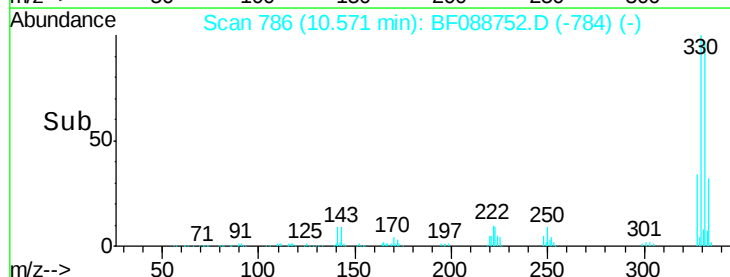
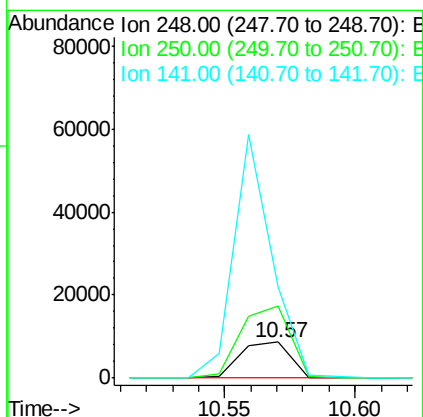
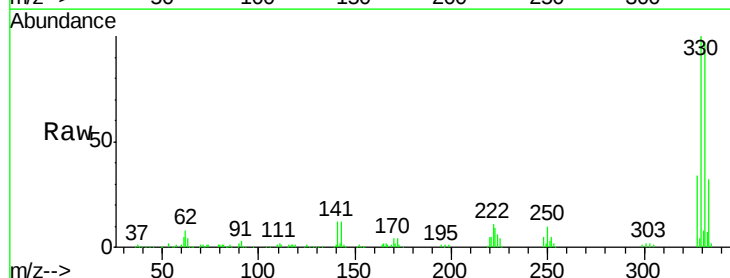
Instrument :
 BNA_F
 ClientSampled :
 C2.1-09

Tgt Ion:188 Resp: 353940
 Ion Ratio Lower Upper
 188 100
 94 9.0 9.0 13.6#
 80 9.8 10.0 15.0#



#66
 4-Bromophenyl-phenylether
 Concen: 3.28 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.27 min
 Lab File: BF088752.D
 Acq: 6 Jul 2016 23:56

Tgt Ion:248 Resp: 11688
 Ion Ratio Lower Upper
 248 100
 250 200.3 77.1 115.7#
 141 252.2 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.05 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

Instrument :

BNA_F

ClientSampleId :

C2.1-09

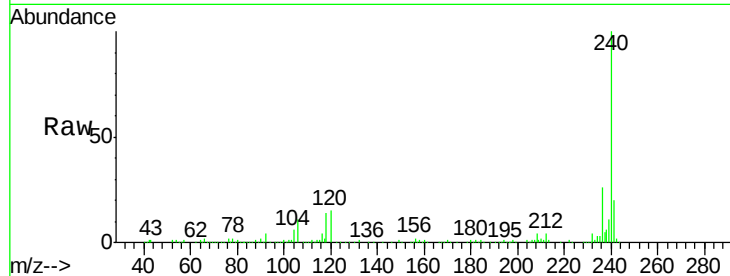
Tgt Ion:240 Resp: 251813

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

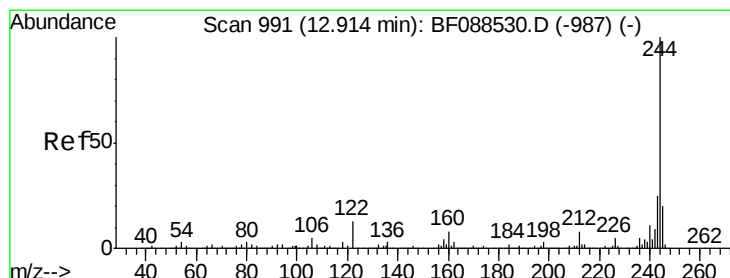
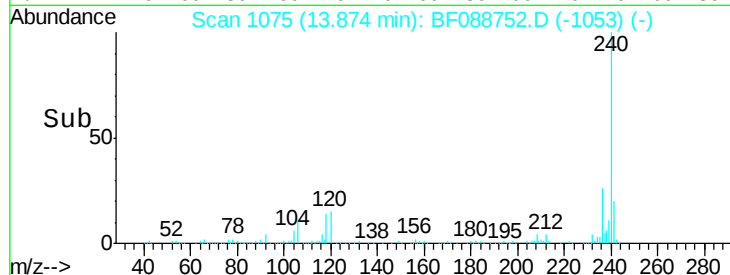
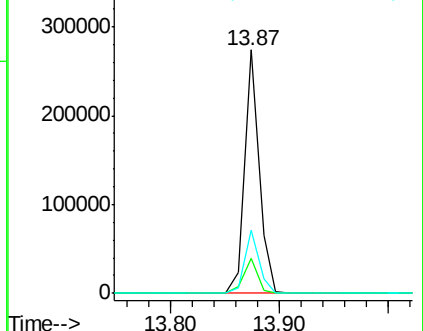
236 25.8 20.2 30.2



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: 66.71 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088752.D

Acq: 6 Jul 2016 23:56

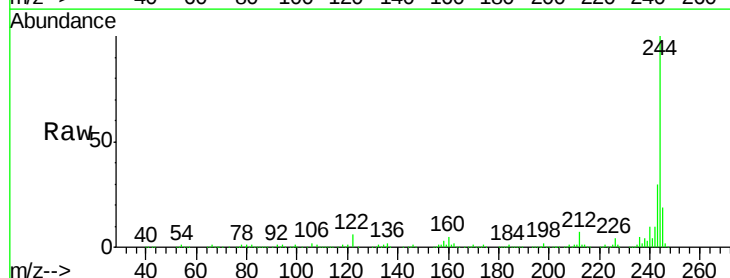
Tgt Ion:244 Resp: 754174

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

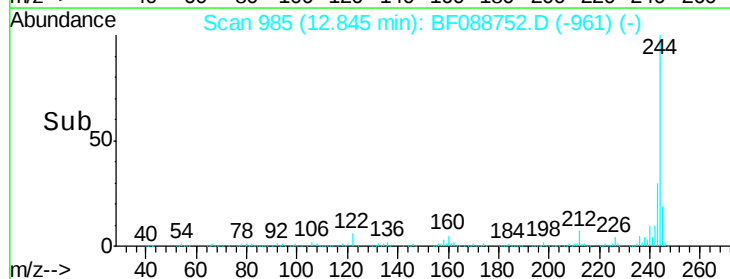
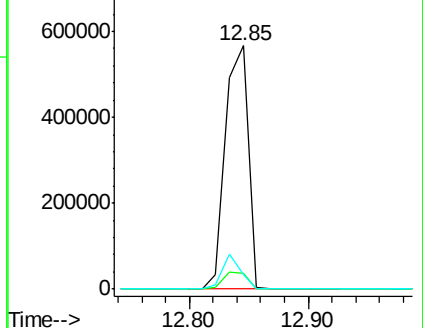
122 6.1 11.2 16.8#

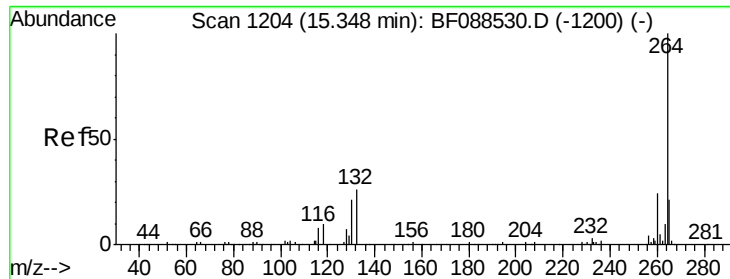


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

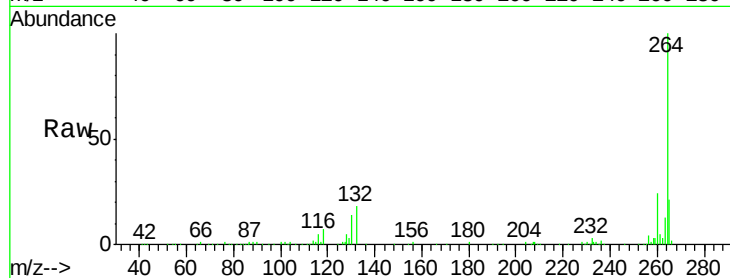




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088752.D
Acq: 6 Jul 2016 23:56

Instrument :
BNA_F
ClientSampleId :
C2.1-09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	16.9	25.3



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

