

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088617.D
 Acq On : 2 Jul 2016 15:13
 Operator : UM/SJ
 Sample : H3871-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R5-B5(0-11)C

Quant Time: Jul 03 03:03:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

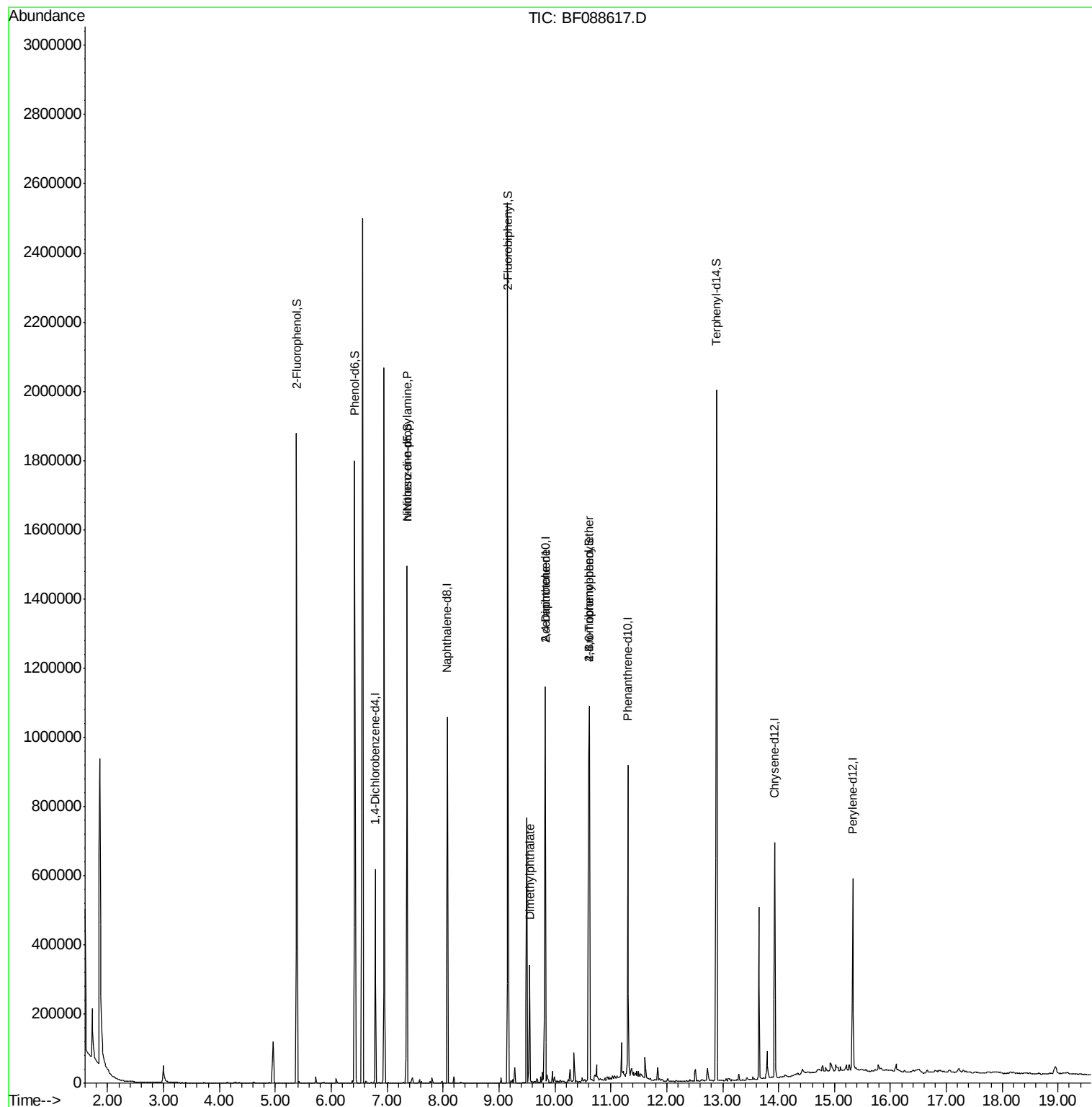
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103272	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	451675	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	198650	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	309426	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	216174	20.00	ng	-0.02
86) Perylene-d12	15.33	264	226010	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	617133	89.56	ng	-0.02
7) Phenol-d6	6.42	99	818701	91.95	ng	-0.02
23) Nitrobenzene-d5	7.36	82	587875	68.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	171816	93.14	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	775895	61.70	ng	-0.02
78) Terphenyl-d14	12.89	244	590732	60.87	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	78137	13.06	ng	# 69
49) Dimethylphthalate	9.55	163	183983	13.00	ng	99
56) 2,4-Dinitrotoluene	9.83	165	25718	6.27	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	11606	3.72	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

Instrument :

BNA_F

ClientSampleId :

R5-B5(0-11)C

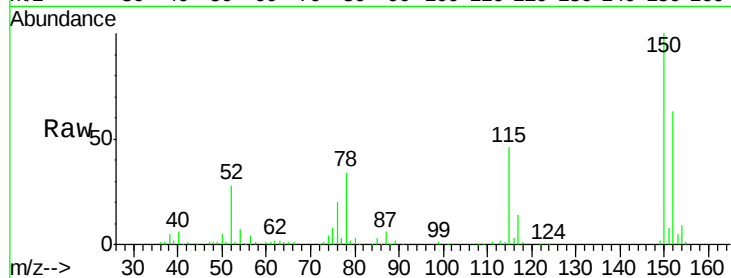
Tgt Ion:152 Resp: 103272

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

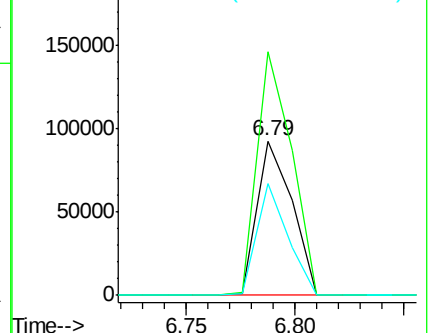
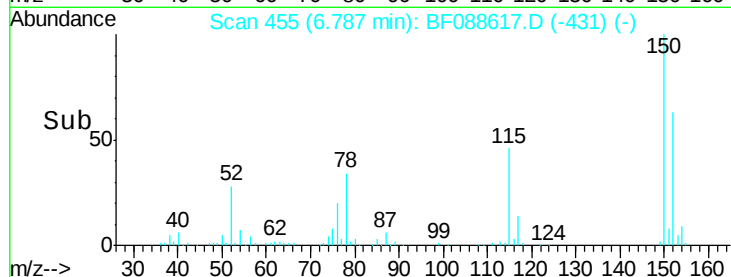
115 72.7 39.6 59.4#



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: 89.56 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

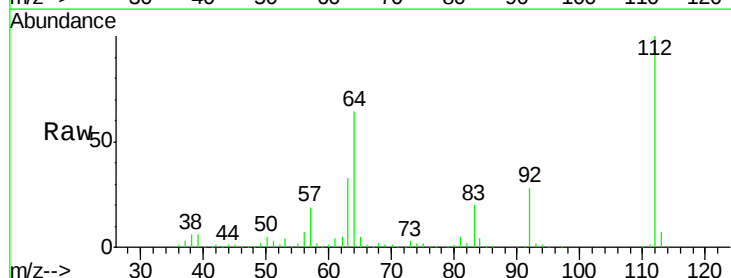
Tgt Ion:112 Resp: 617133

Ion Ratio Lower Upper

112 100

64 63.5 42.2 63.2#

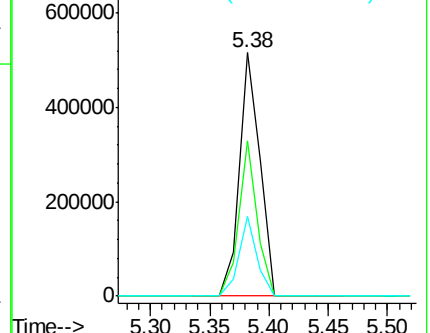
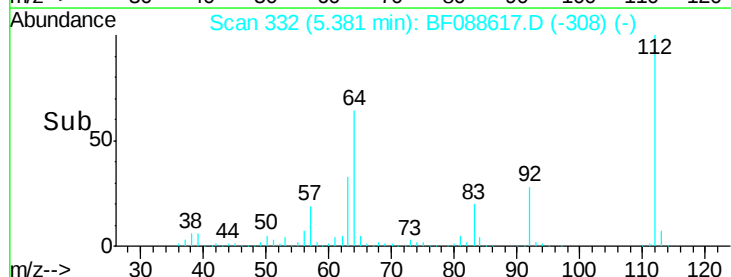
63 32.9 21.8 32.8#



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: 91.95 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

Instrument :

BNA_F

ClientSampleId :

R5-B5(0-11)C

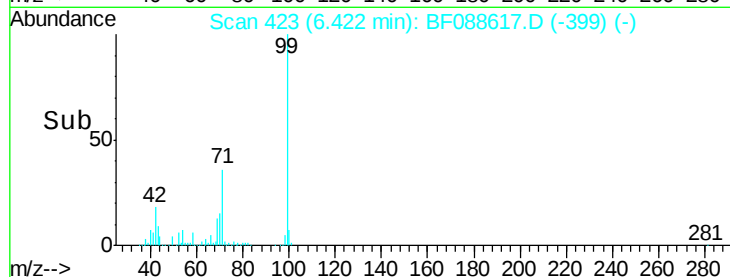
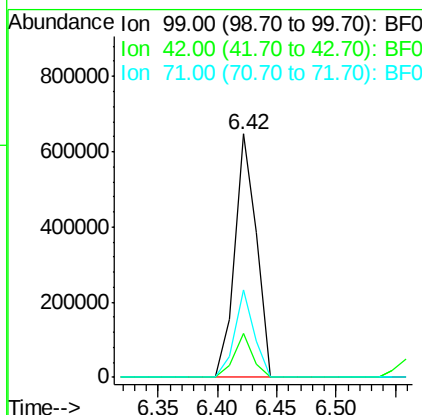
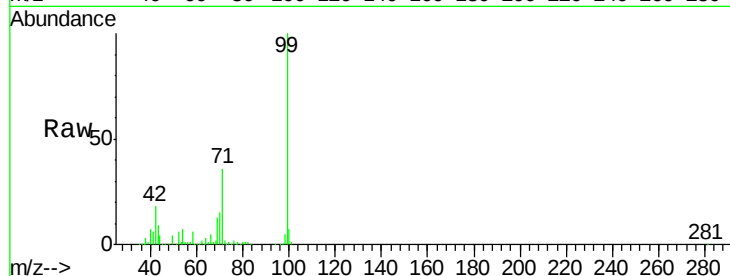
Tgt Ion: 99 Resp: 818701

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

71 36.0 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.06 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.13 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

Tgt Ion: 70 Resp: 78137

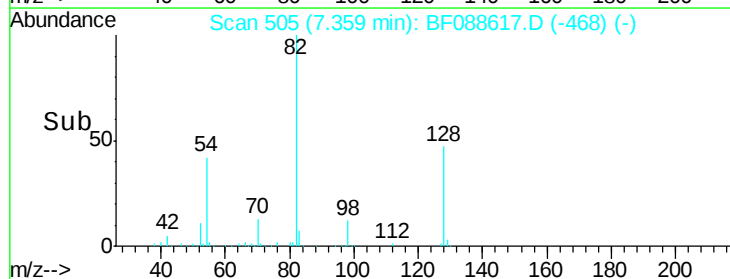
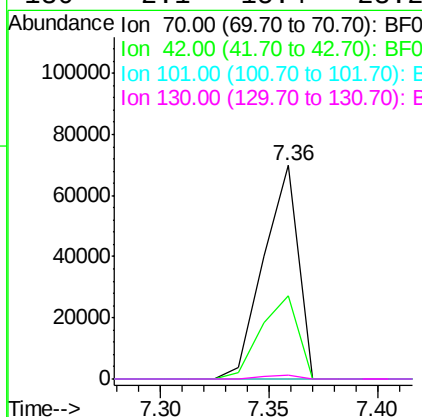
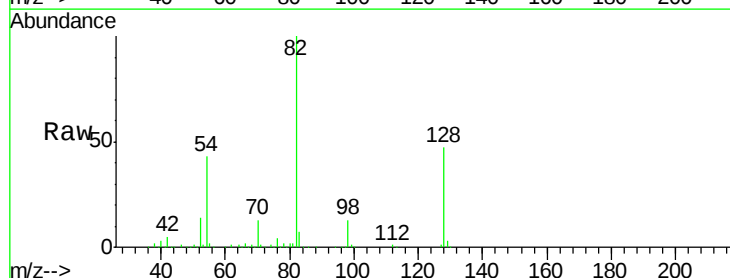
Ion Ratio Lower Upper

70 100

42 38.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

Instrument :

BNA_F

ClientSampleId :

R5-B5(0-11)C

Tgt Ion:136 Resp: 451675

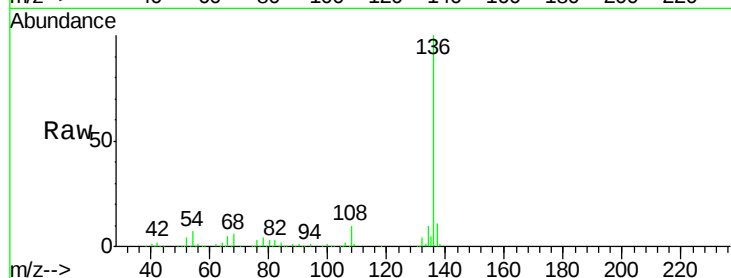
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.0 6.6 10.0

68 6.2 5.1 7.7

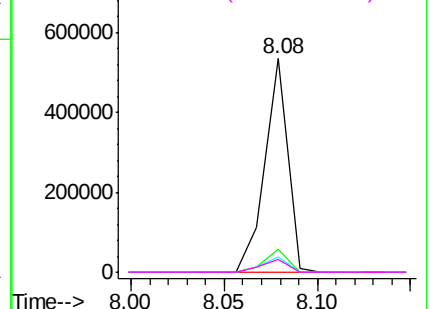
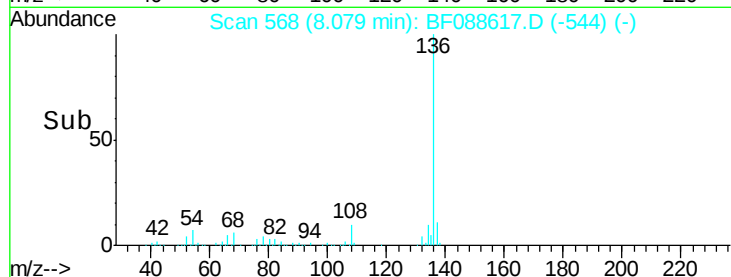


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.21 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

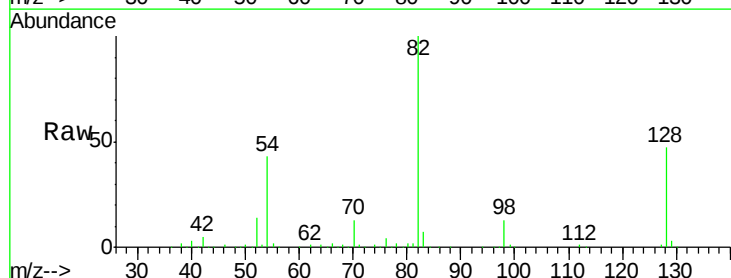
Tgt Ion: 82 Resp: 587875

Ion Ratio Lower Upper

82 100

128 47.4 35.9 53.9

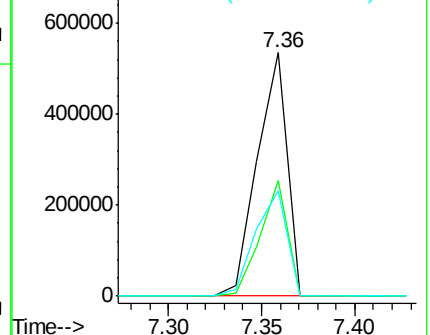
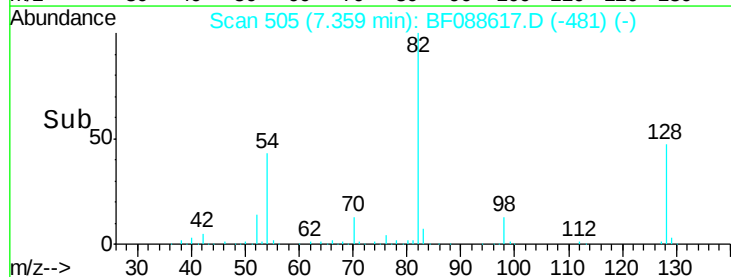
54 43.2 40.9 61.3

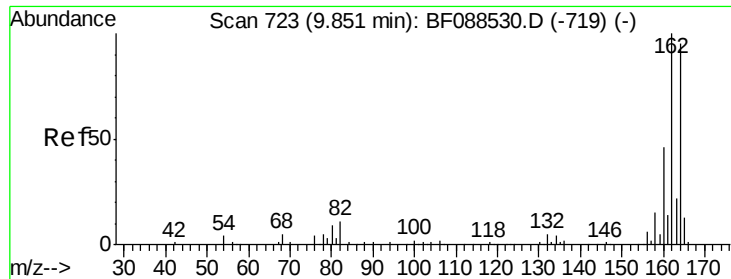


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

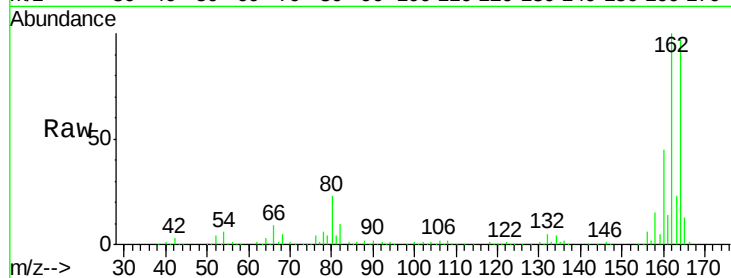




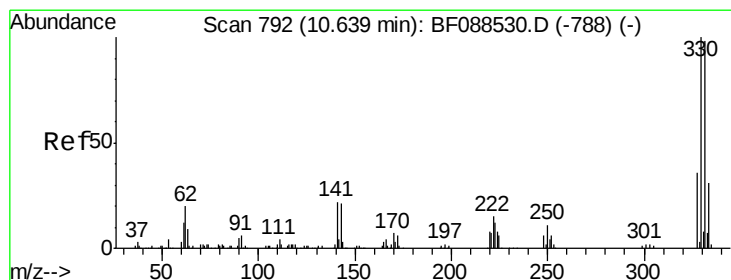
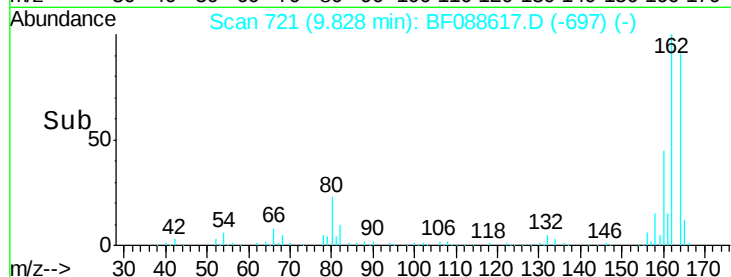
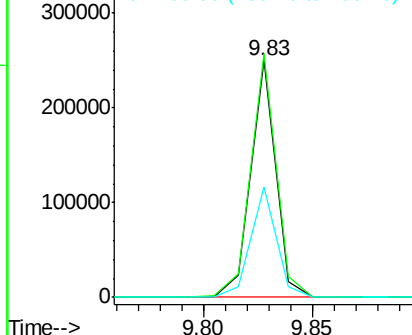
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088617.D
 Acq: 2 Jul 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 R5-B5(0-11)C

Tgt Ion:164 Resp: 198650
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.4 128.2
 160 46.5 39.5 59.3

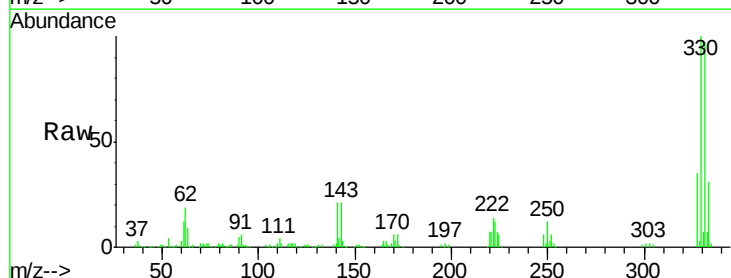


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

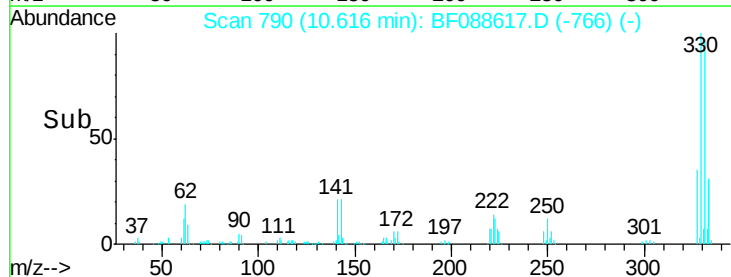
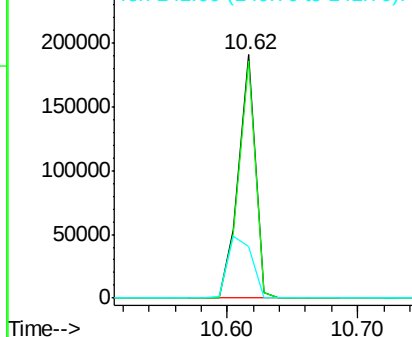


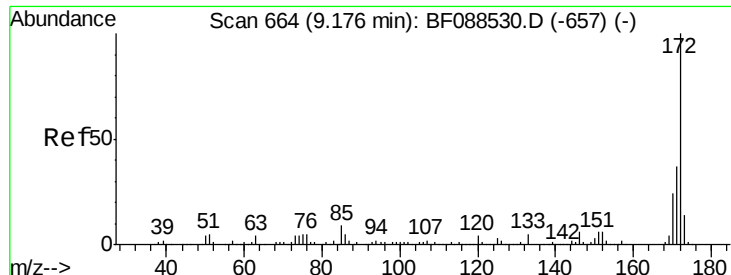
#41
 2,4,6-Tribromophenol
 Concen: 93.14 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088617.D
 Acq: 2 Jul 2016 15:13

Tgt Ion:330 Resp: 171816
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 36.2 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

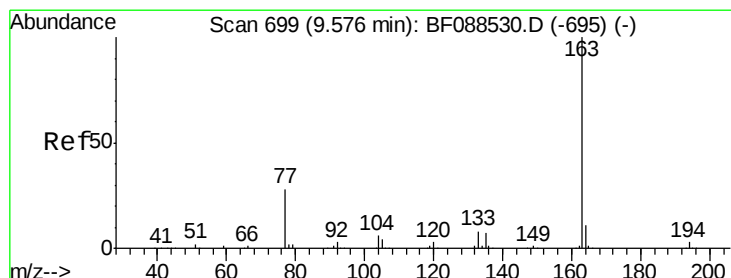
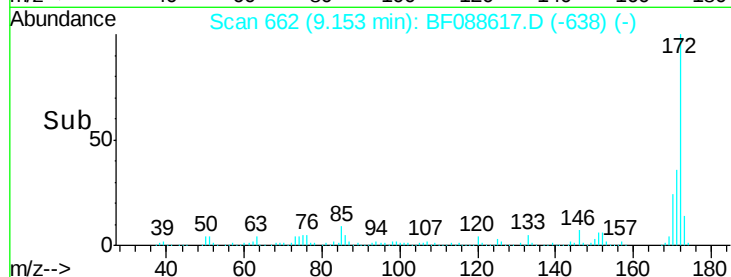
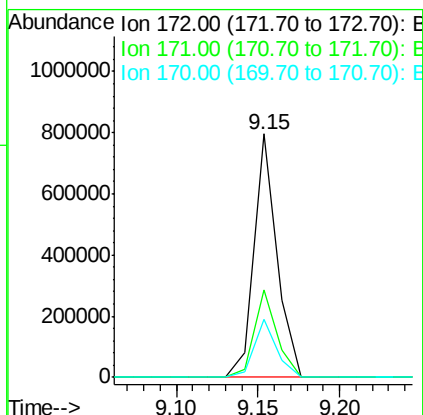
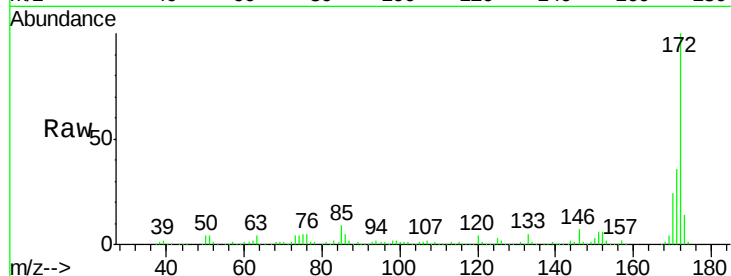




#44
2-Fluorobiphenyl
Concen: 61.70 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

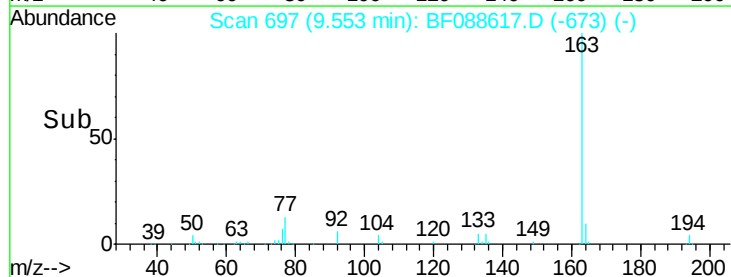
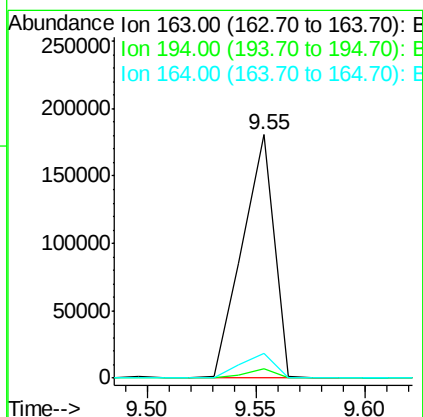
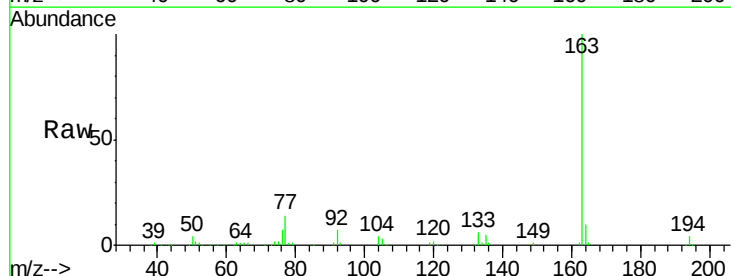
Instrument :
BNA_F
ClientSampleId :
R5-B5(0-11)C

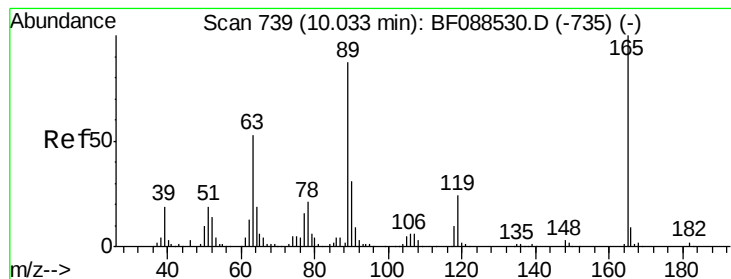
Tgt Ion:172 Resp: 775895
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.1 19.2 28.8



#49
Dimethylphthalate
Concen: 13.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088617.D
Acq: 2 Jul 2016 15:13

Tgt Ion:163 Resp: 183983
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.0 8.3 12.5

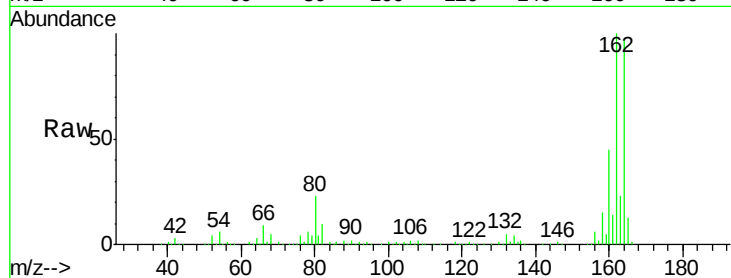




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.21 min
 Lab File: BF088617.D
 Acq: 2 Jul 2016 15:13

Instrument :
 BNA_F
 ClientSampleId :
 R5-B5(0-11)C

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

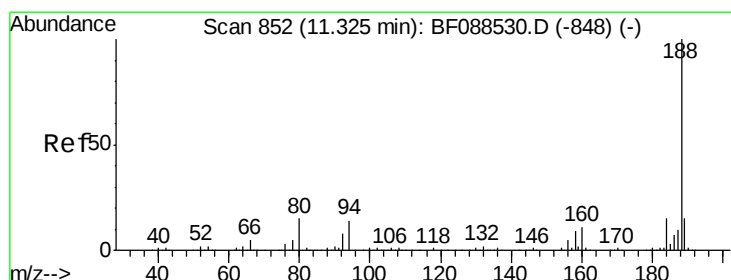
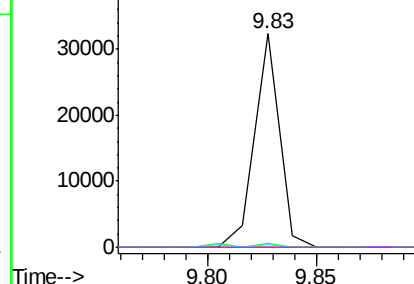
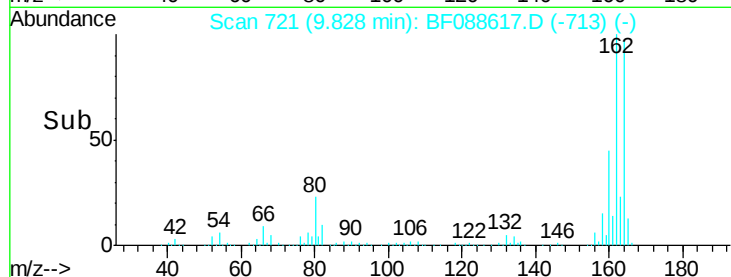


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

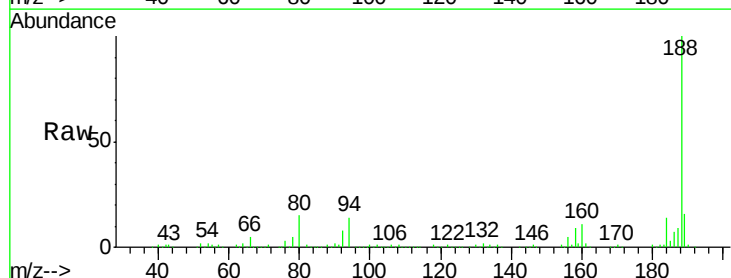
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BF088617.D
 Acq: 2 Jul 2016 15:13

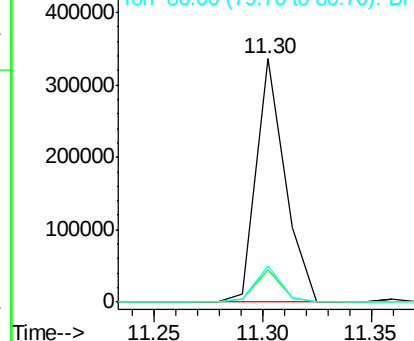
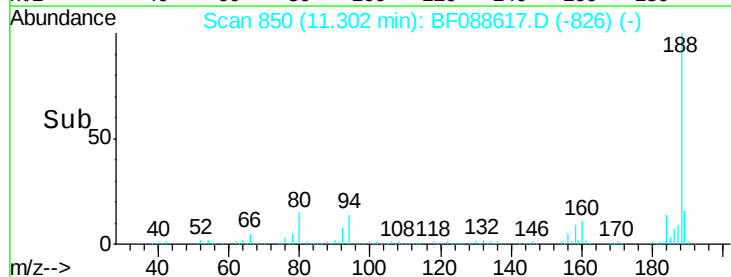
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.6	9.0	13.6
80	15.0	10.0	15.0#

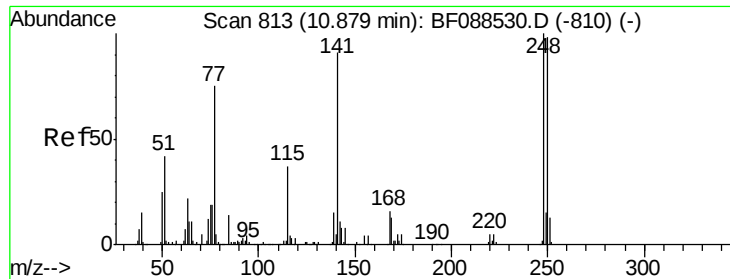


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.72 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.26 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

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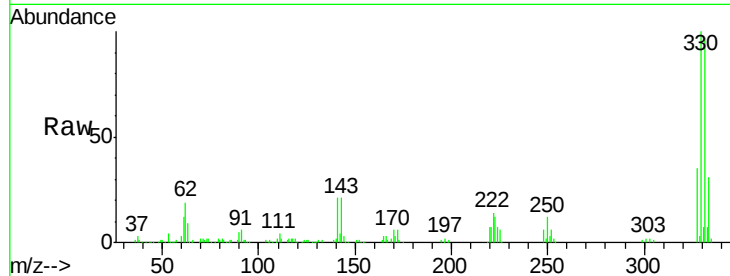
Tgt Ion:248 Resp: 11606

Ion Ratio Lower Upper

248 100

250 198.9 77.1 115.7#

141 360.0 50.6 76.0#

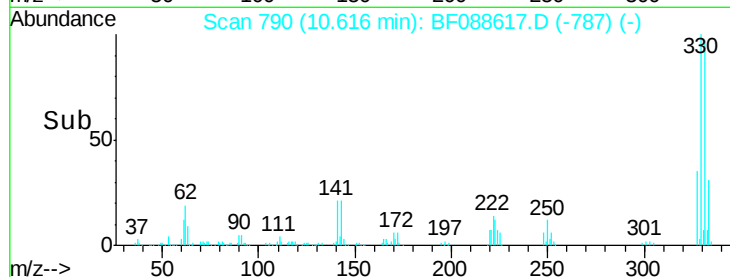


Abundance Ion 248.00 (247.70 to 248.70): E

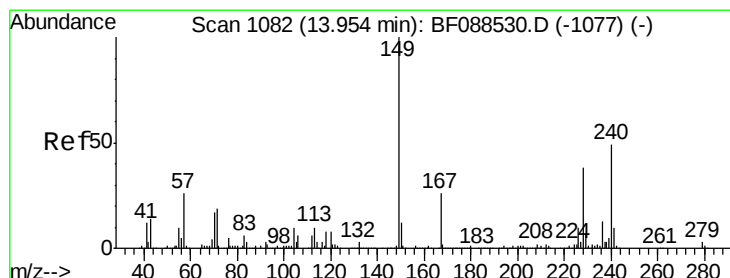
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

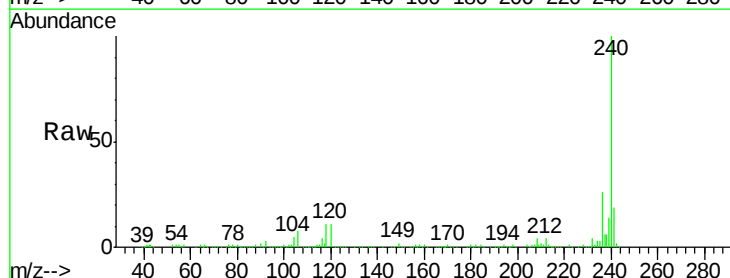
Tgt Ion:240 Resp: 216174

Ion Ratio Lower Upper

240 100

120 11.5 6.8 10.2#

236 26.1 20.2 30.2

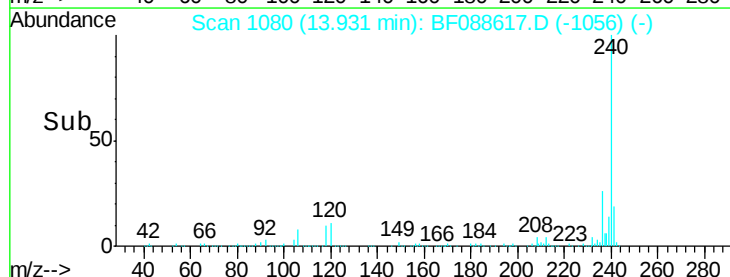


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 60.87 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

Instrument :

BNA_F

ClientSampleId :

R5-B5(0-11)C

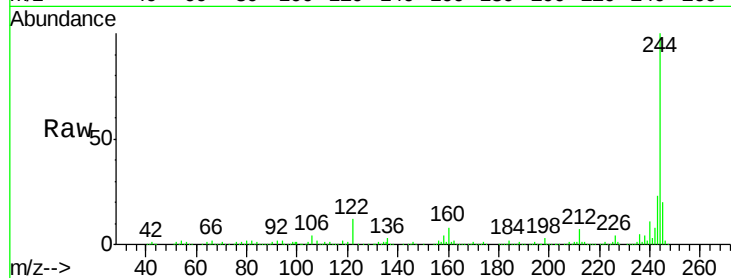
Tgt Ion:244 Resp: 590732

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

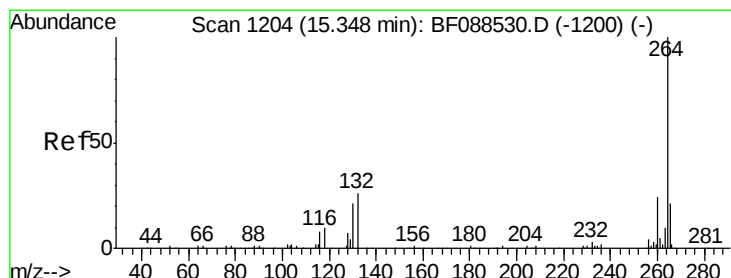
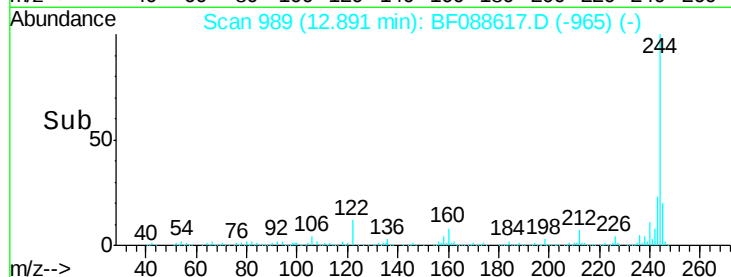
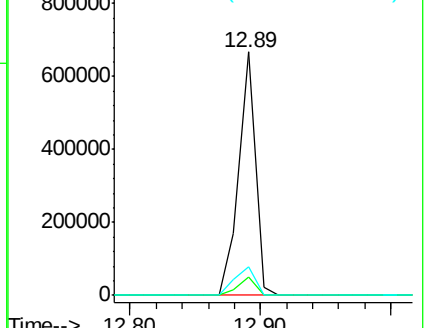
122 11.7 11.2 16.8



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: 15.33 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF088617.D

Acq: 2 Jul 2016 15:13

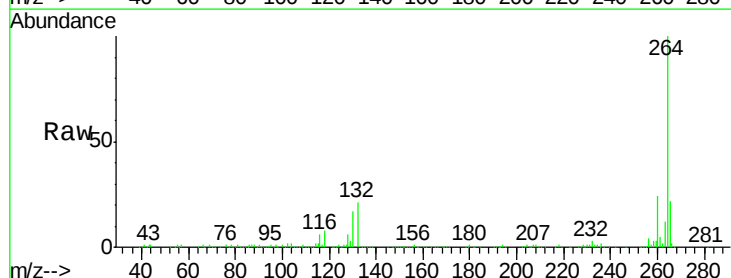
Tgt Ion:264 Resp: 226010

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 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

