

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084956.D
 Acq On : 9 Feb 2016 17:10
 Operator : SJ/IZ
 Sample : H1386-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)

Quant Time: Feb 10 03:24:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

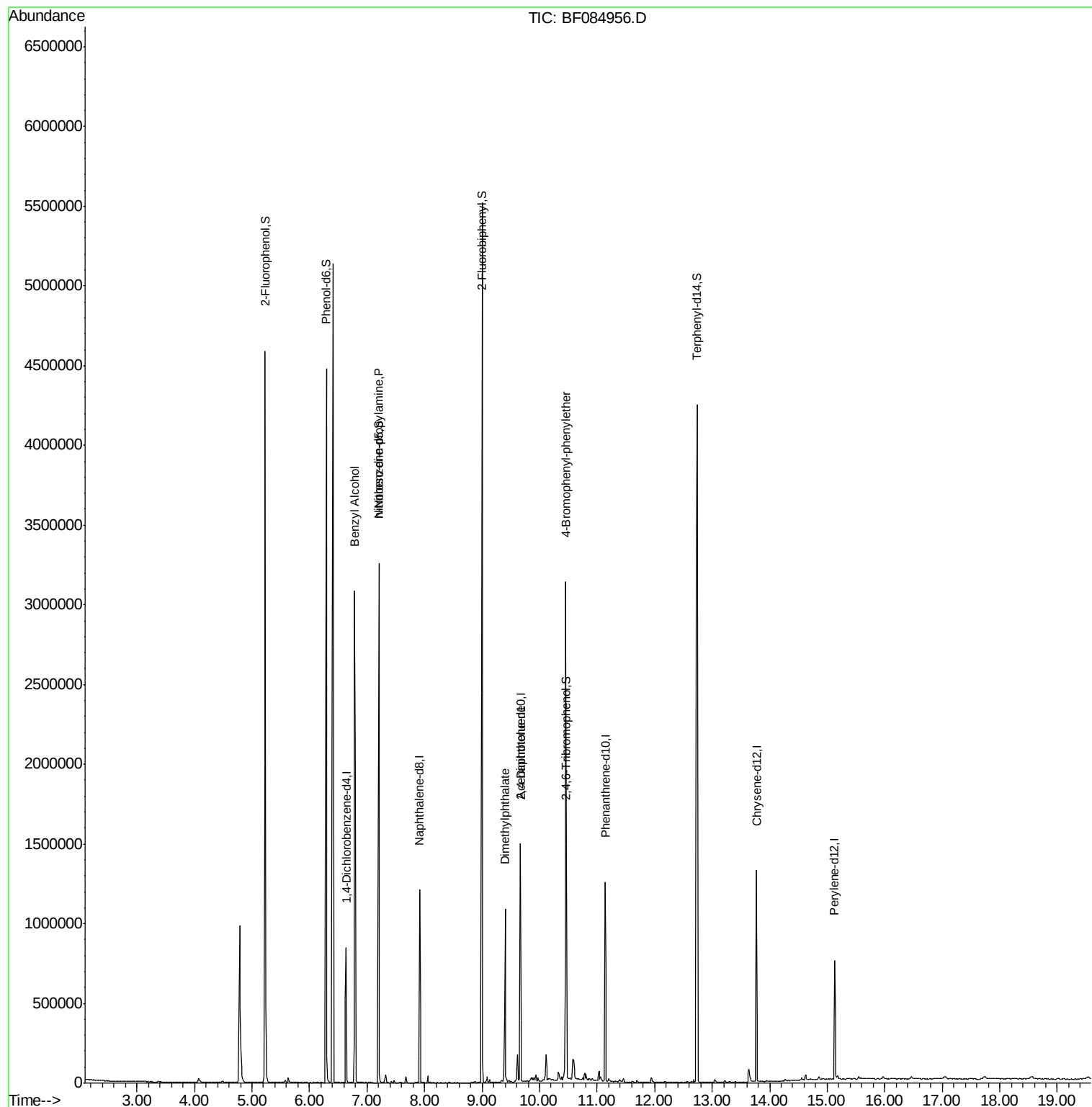
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	155288	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	622246	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	305521	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	554836	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	465329	20.00	ng	-0.07
86) Perylene-d12	15.13	264	326068	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1356012	136.01	ng	-0.05
7) Phenol-d6	6.29	99	1727867	139.80	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1205778	109.16	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	511065	160.37	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1878519	120.03	ng	-0.06
78) Terphenyl-d14	12.74	244	1860647	90.61	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.78	79	18114	2.12	ng	# 50
19) n-Nitroso-di-n-propylamine	7.21	70	170152	21.96	ng	# 74
49) Dimethylphthalate	9.40	163	476511	20.48	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	40201	6.20	ng	# 21
66) 4-Bromophenyl-phenylether	10.45	248	30147	4.92	ng	# 1

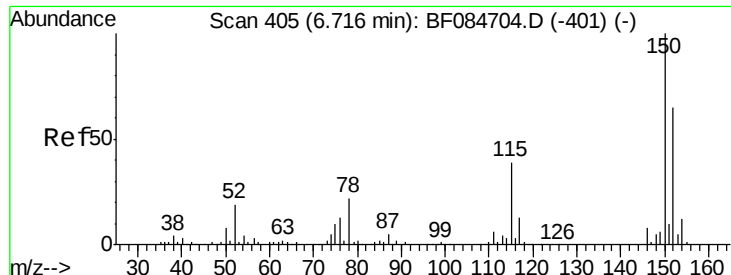
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S4-B005(28-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)

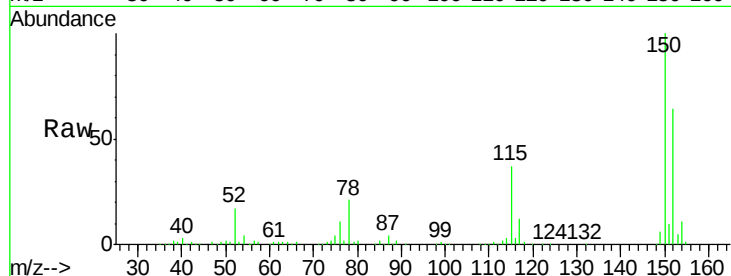
Tgt Ion:152 Resp: 155288

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

115 58.7 51.4 77.2



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

300000

250000

200000

150000

100000

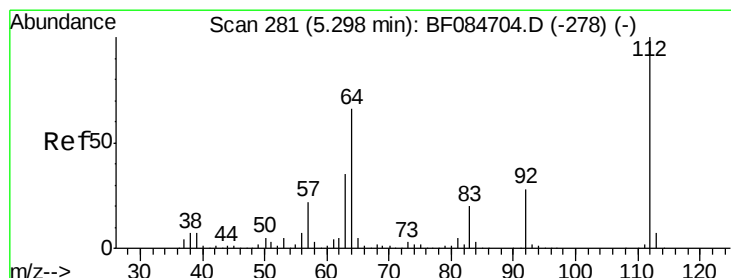
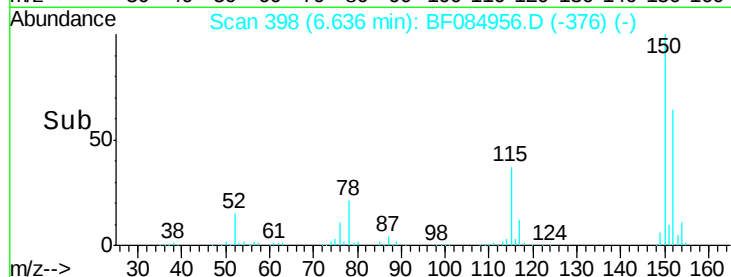
50000

0

6.64

6.65

Time-->



#5

2-Fluorophenol

Concen: 136.01 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

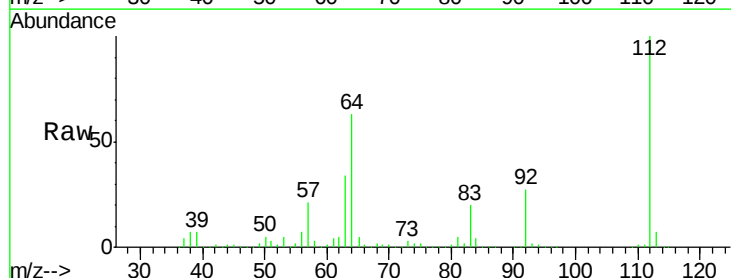
Tgt Ion:112 Resp: 1356012

Ion Ratio Lower Upper

112 100

64 63.1 36.6 55.0#

63 33.9 19.4 29.0#



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

1500000

1000000

500000

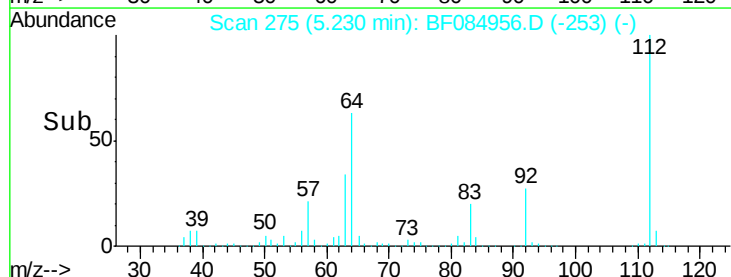
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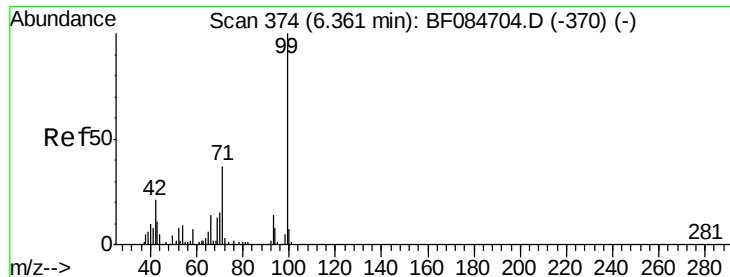
5.23

5.30

5.40

Time-->





#7

Phenol-d6

Concen: 139.80 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)

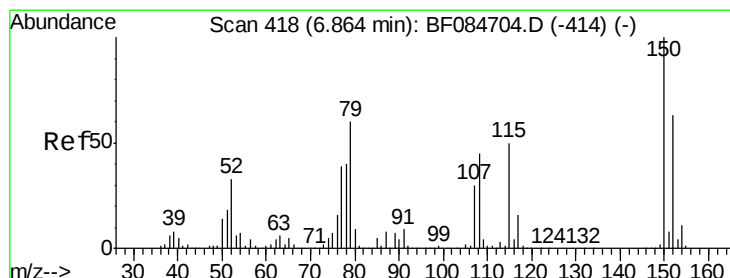
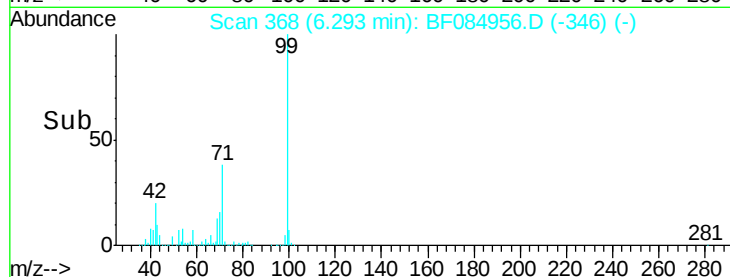
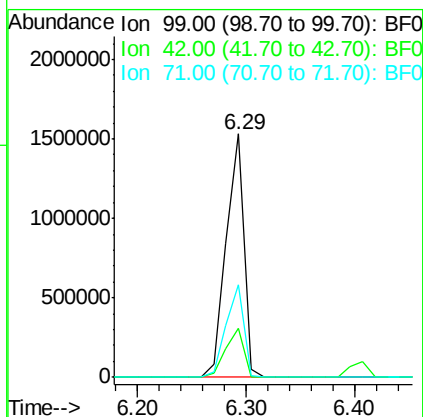
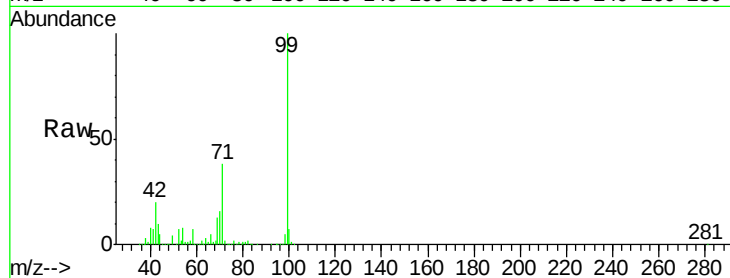
Tgt Ion: 99 Resp: 1727867

Ion Ratio Lower Upper

99 100

42 20.1 12.8 19.2#

71 38.3 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

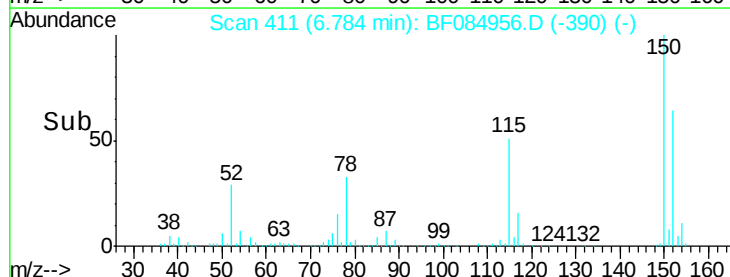
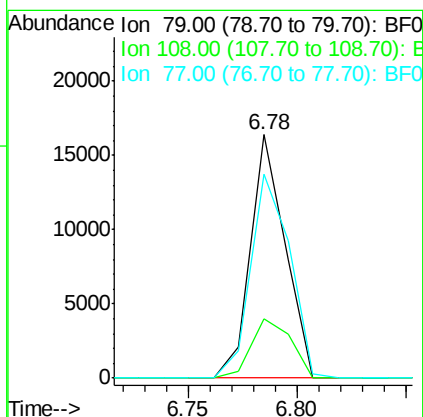
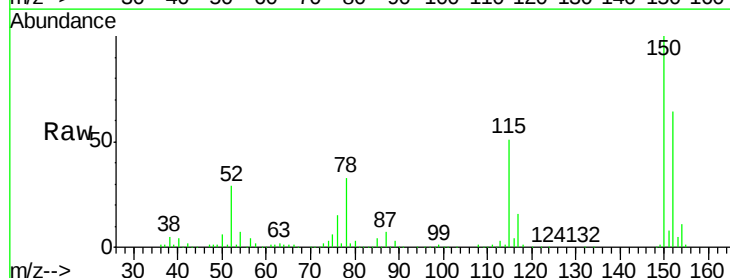
Tgt Ion: 79 Resp: 18114

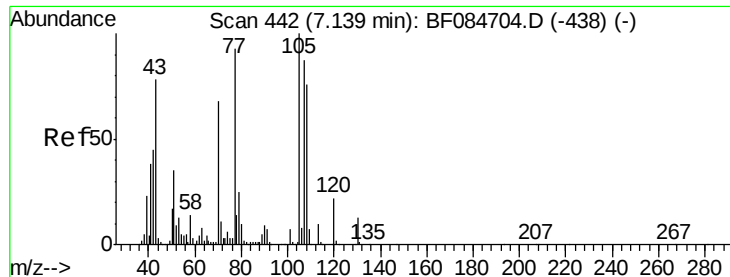
Ion Ratio Lower Upper

79 100

108 24.6 69.0 103.4#

77 83.7 50.0 75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 21.96 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)

Tgt Ion: 70 Resp: 170152

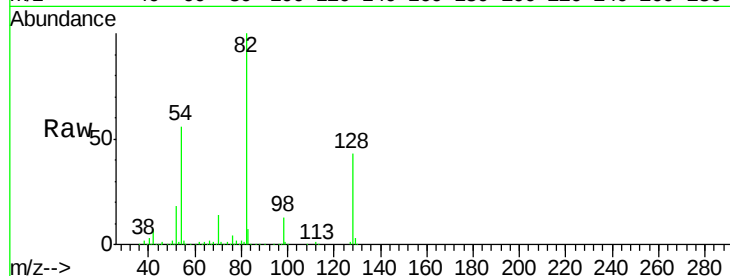
Ion Ratio Lower Upper

70 100

42 46.5 33.3 49.9

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

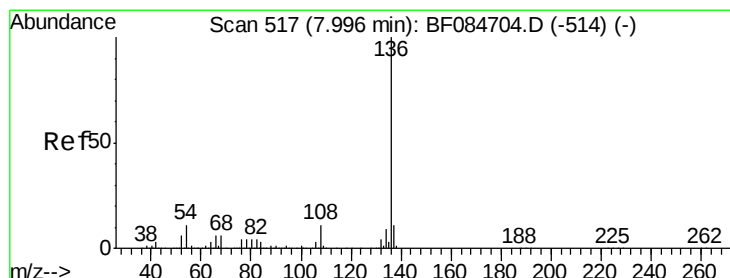
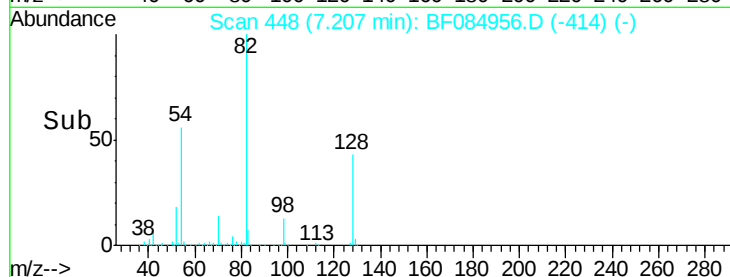
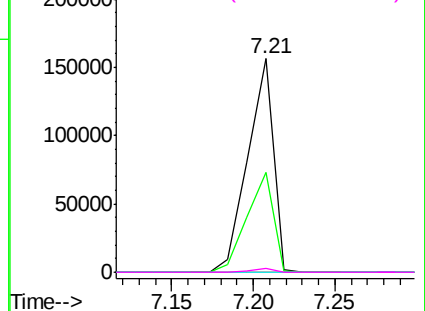


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Tgt Ion: 136 Resp: 622246

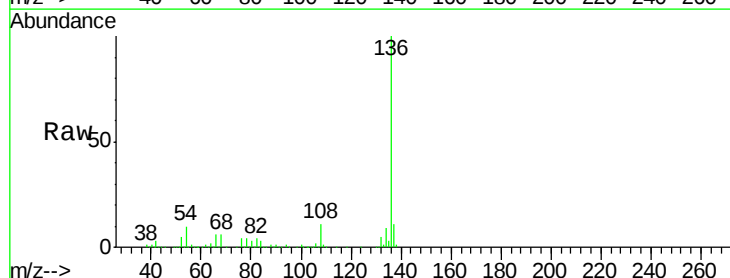
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.2 5.8 8.8#

68 5.5 4.2 6.2

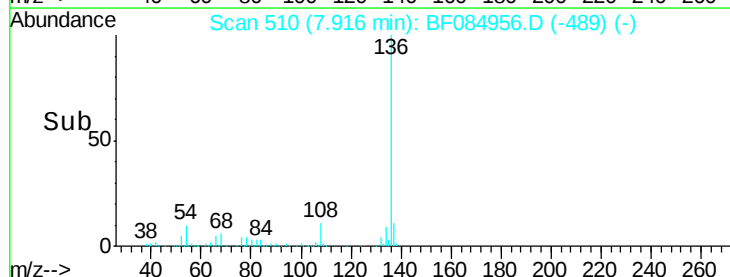
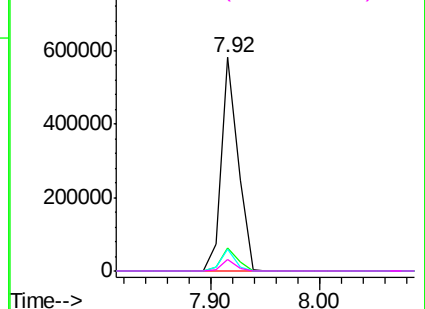


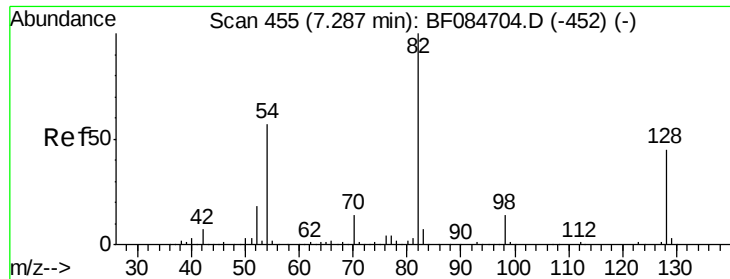
Abundance Ion 136.00 (135.70 to 136.70): E

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

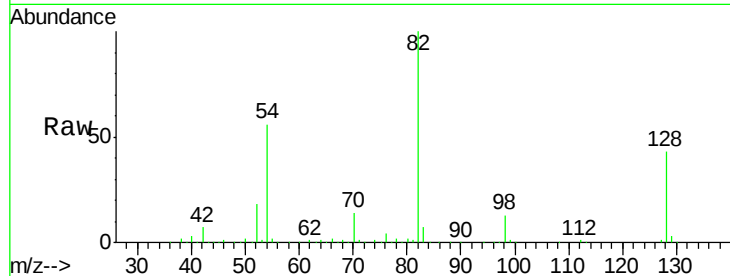




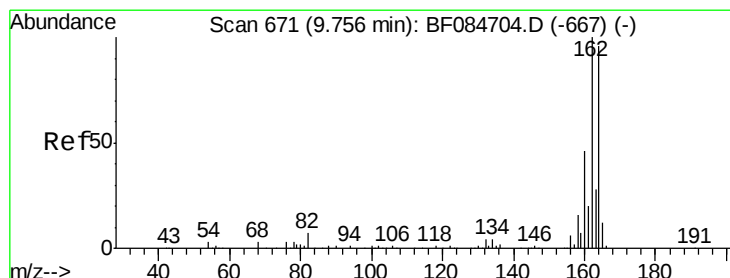
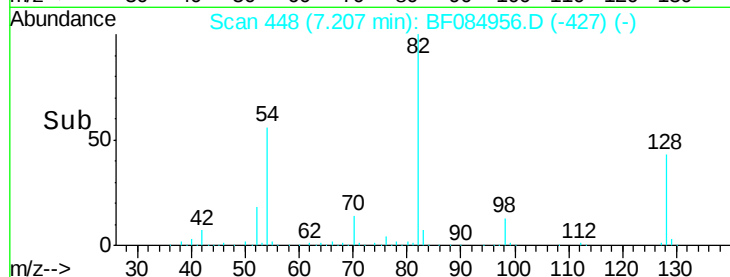
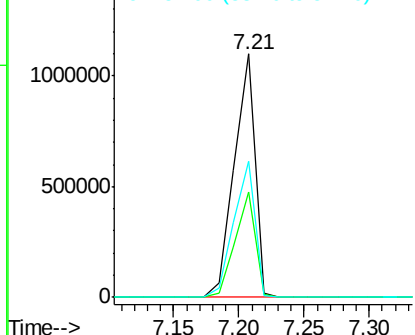
#23
 Nitrobenzene-d5
 Concen: 109.16 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)

Tgt Ion: 82 Resp: 1205778
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 51.8
 54 56.1 38.4 57.6

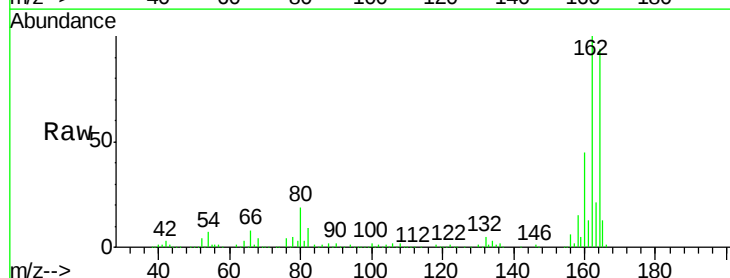


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

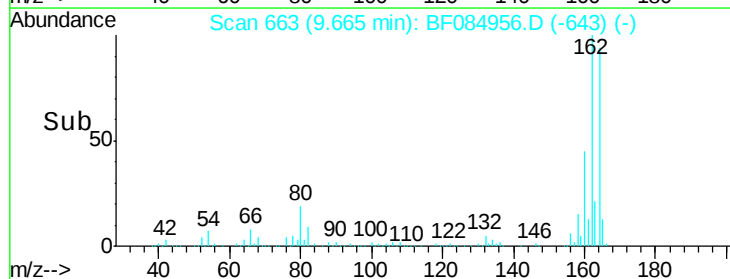
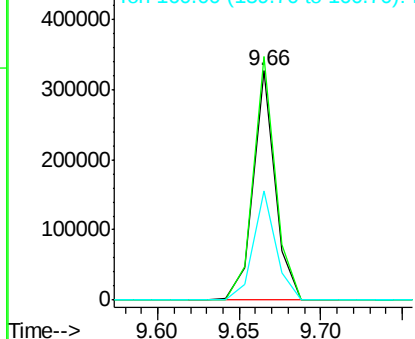


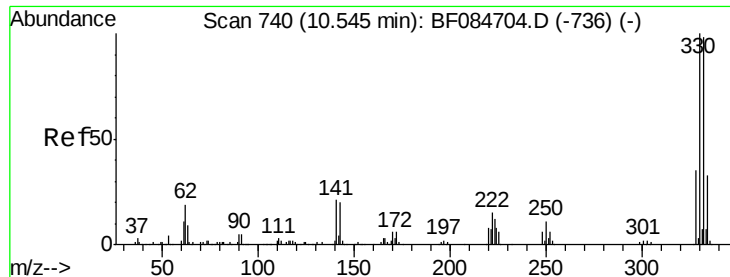
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Tgt Ion: 164 Resp: 305521
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.1 127.7
 160 47.8 37.5 56.3



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

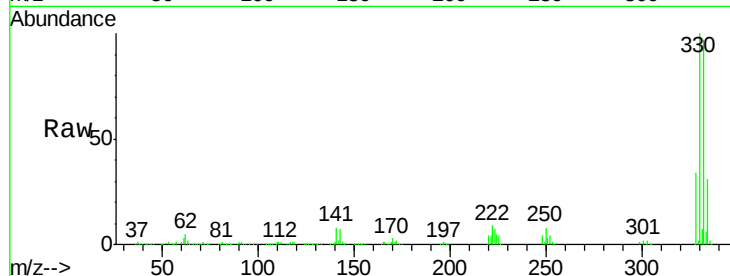




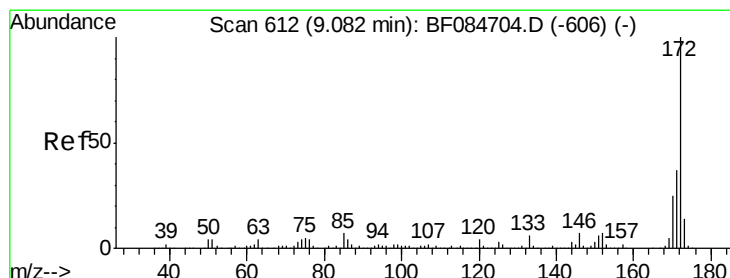
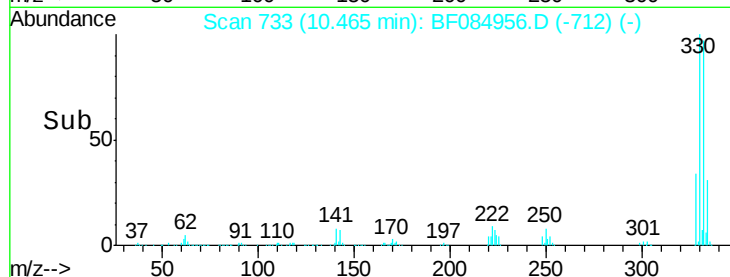
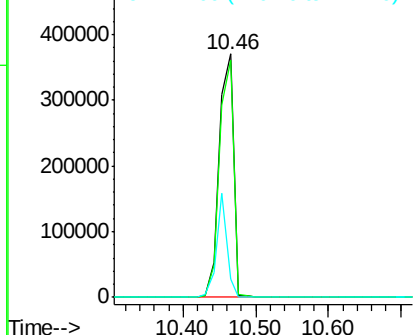
#41
 2,4,6-Tribromophenol
 Concen: 160.37 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Instrument :
 BNA_F
 ClientSampleId :
 S4-B005(28-30)

Tgt Ion:330 Resp: 511065
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 30.9 27.8 41.6

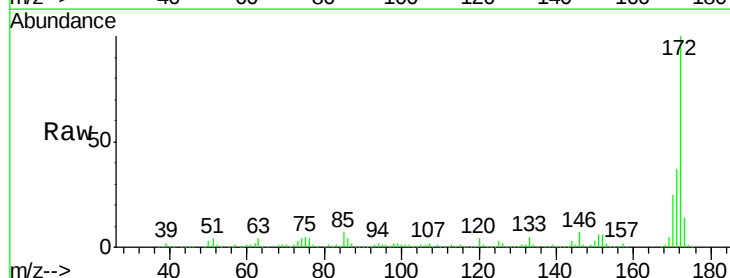


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

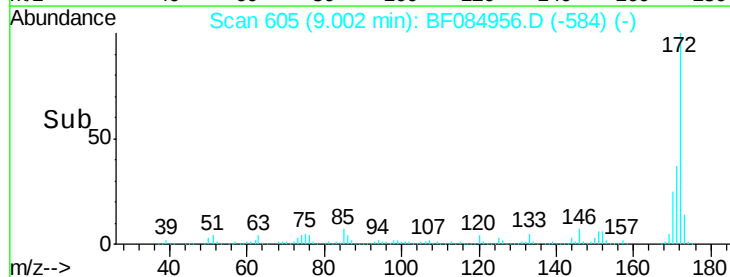
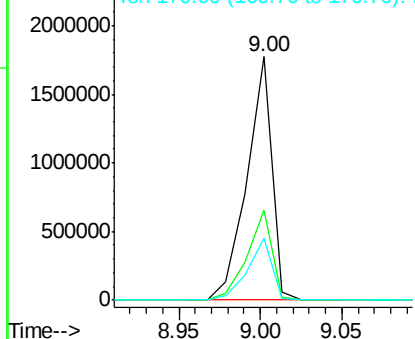


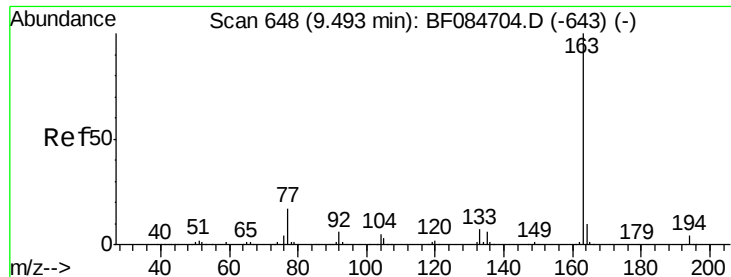
#44
 2-Fluorobiphenyl
 Concen: 120.03 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084956.D
 Acq: 9 Feb 2016 17:10

Tgt Ion:172 Resp: 1878519
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.4 18.6 27.8



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: 20.48 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)

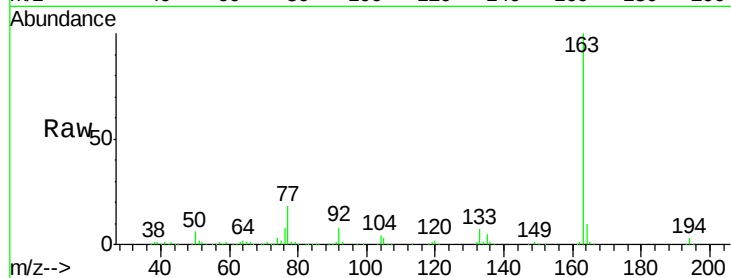
Tgt Ion:163 Resp: 476511

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

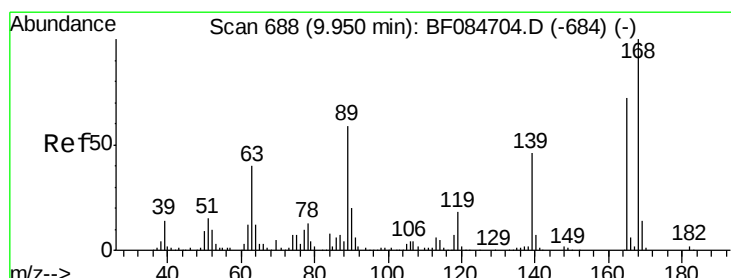
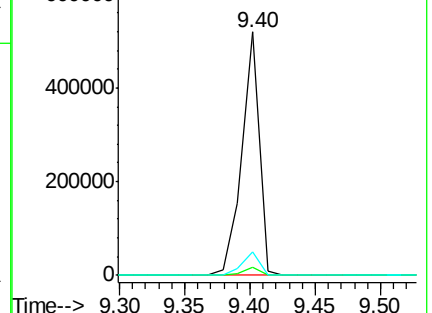
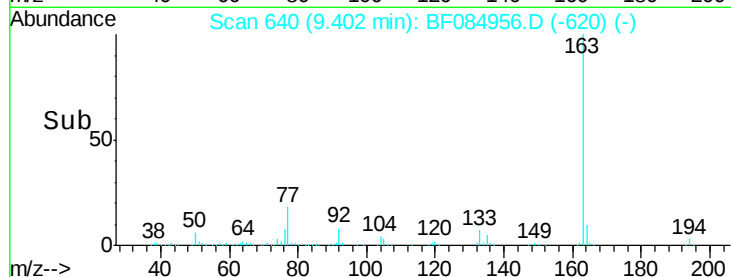
164 9.7 8.0 12.0



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: 6.20 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.26 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Tgt Ion:165 Resp: 40201

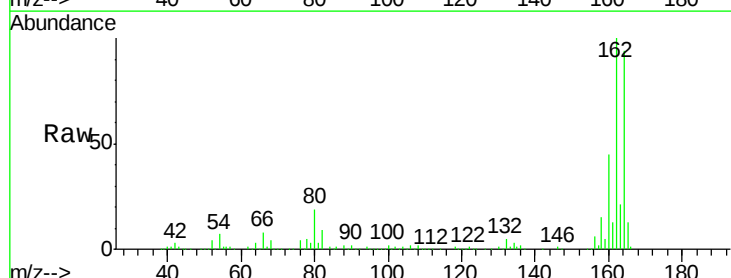
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.3 61.9 92.9#

182 0.0 2.0 3.0#

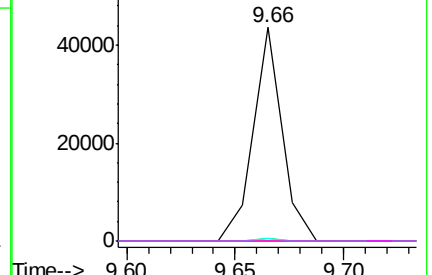
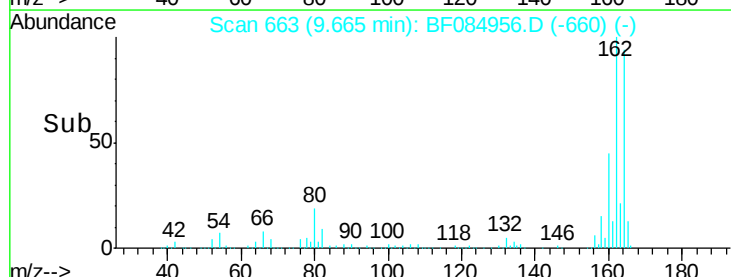


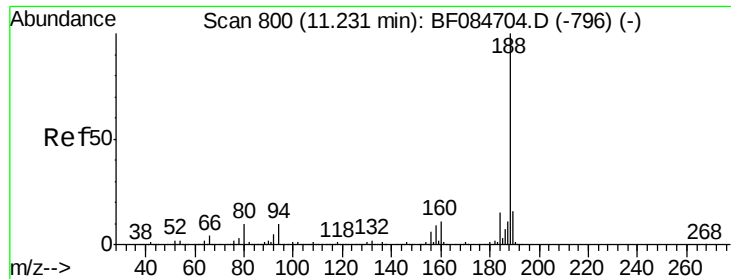
Abundance Ion 165.00 (164.70 to 165.70): E

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

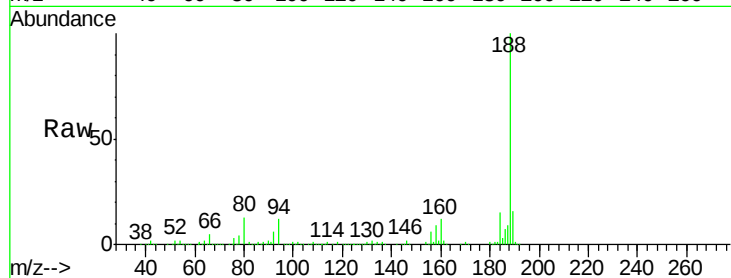




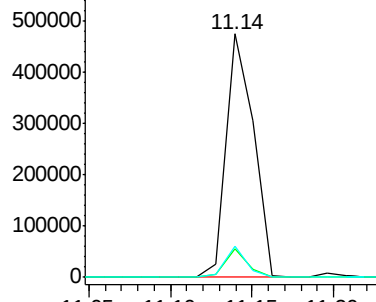
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF084956.D
Acq: 9 Feb 2016 17:10

Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)

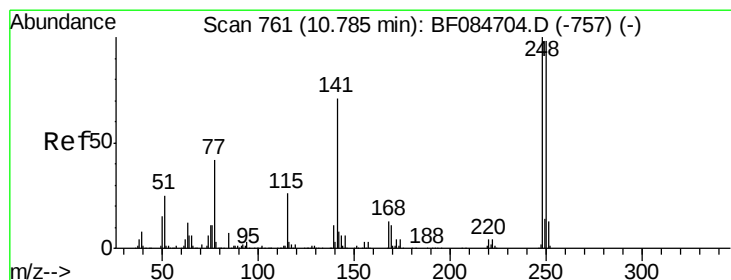
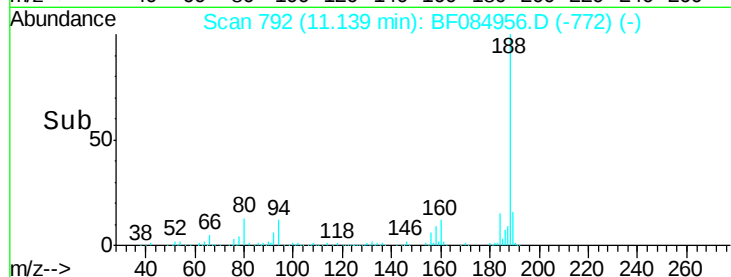
Tgt Ion:188 Resp: 554836
Ion Ratio Lower Upper
188 100
94 11.6 9.0 13.4
80 12.7 9.6 14.4



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

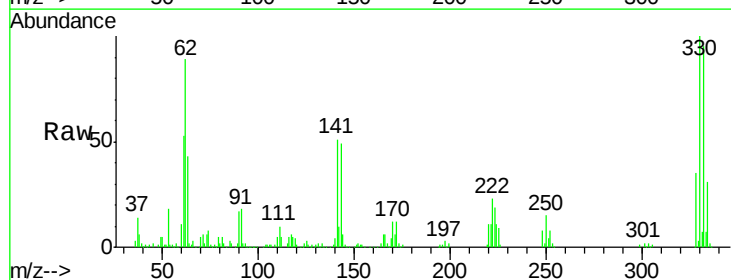


Time--> 11.05 11.10 11.15 11.20

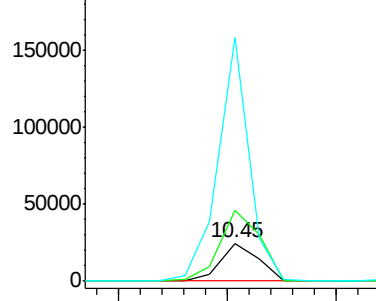


#66
4-Bromophenyl-phenylether
Concen: 4.92 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.31 min
Lab File: BF084956.D
Acq: 9 Feb 2016 17:10

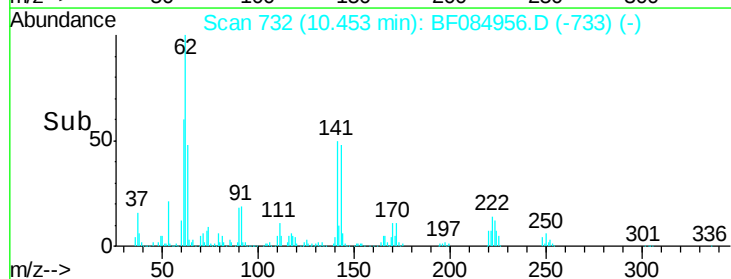
Tgt Ion:248 Resp: 30147
Ion Ratio Lower Upper
248 100
250 187.4 78.4 117.6#
141 647.8 44.0 66.0#

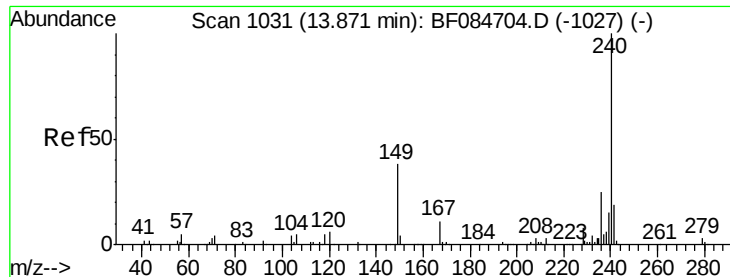


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 10.40 10.45 10.50





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

Instrument :

BNA_F

ClientSampleId :

S4-B005(28-30)

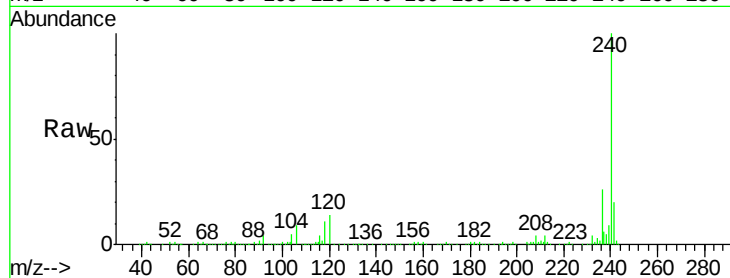
Tgt Ion:240 Resp: 465329

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

236 26.1 20.6 31.0



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

600000

500000

400000

300000

200000

100000

0

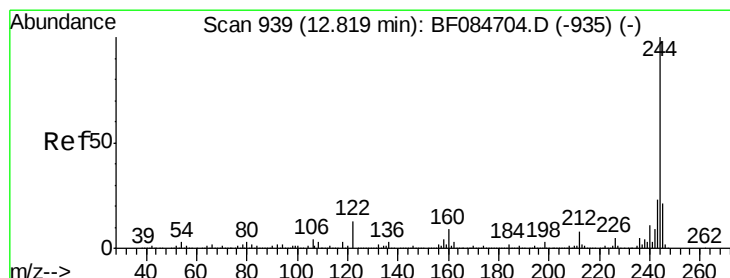
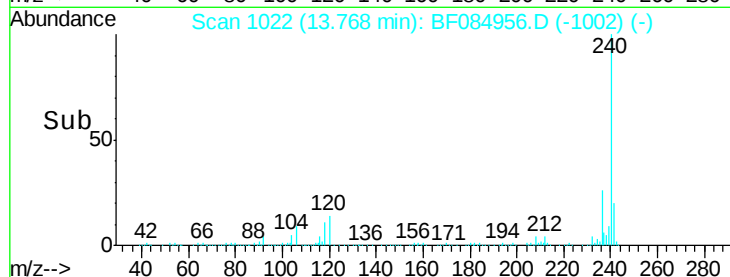
13.77

13.70

13.80

13.90

Time-->



#78

Terphenyl-d14

Concen: 90.61 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084956.D

Acq: 9 Feb 2016 17:10

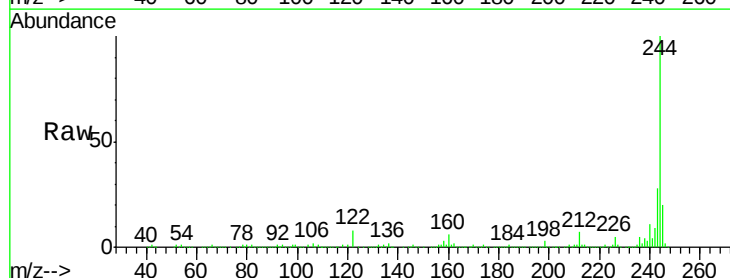
Tgt Ion:244 Resp: 1860647

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 7.6 7.4 11.0



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

2000000

1500000

1000000

500000

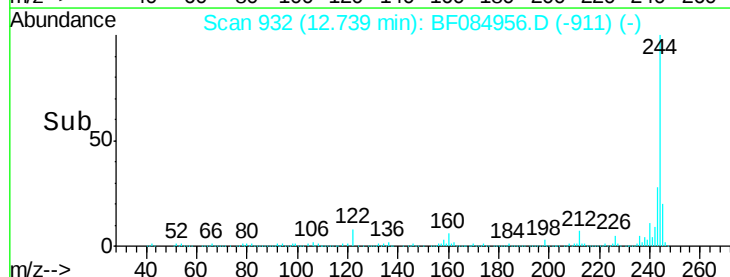
0

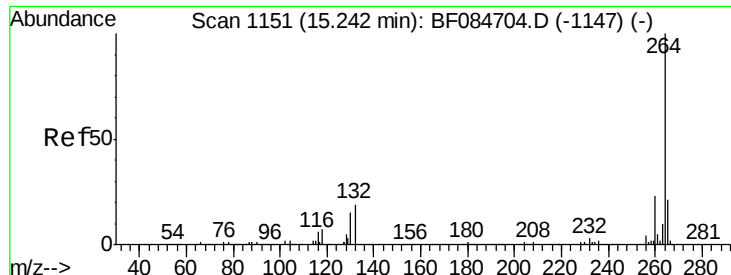
12.74

12.70

12.80

Time-->

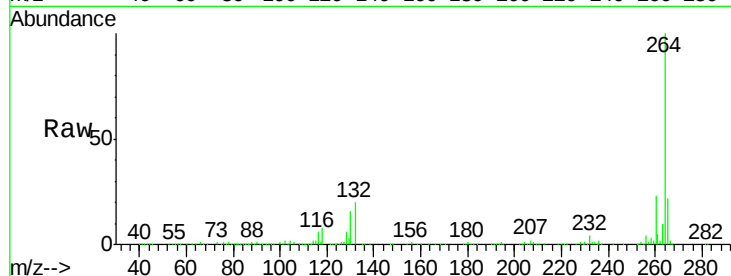




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084956.D
Acq: 9 Feb 2016 17:10

Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.7	17.8	26.6



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

