

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084896.D
 Acq On : 6 Feb 2016 8:04
 Operator : SJ/IZ
 Sample : H1329-13
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

Quant Time: Feb 07 23:57:25 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

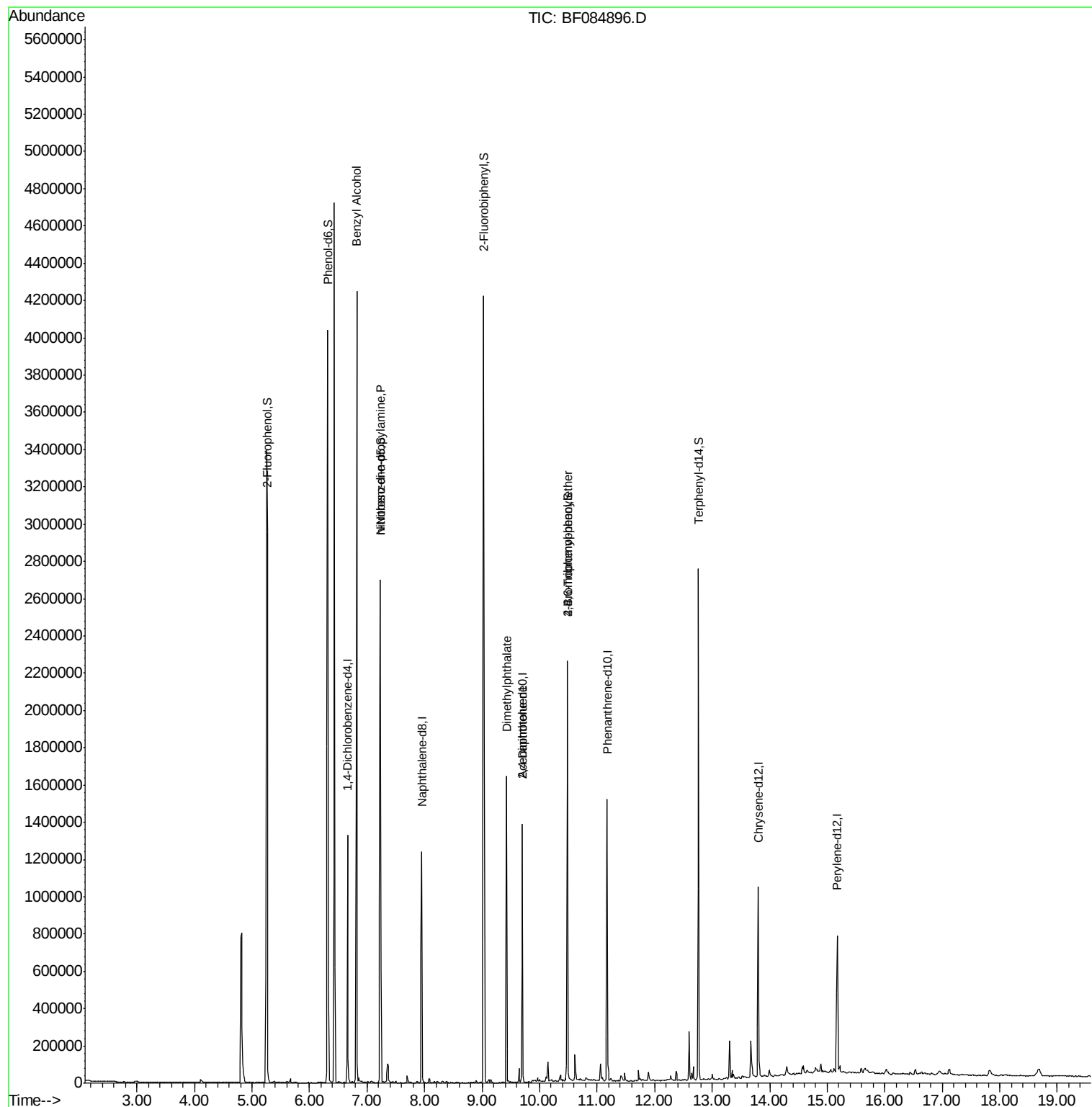
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172683	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	673724	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	305213	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	507815	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	343646	20.00	ng	-0.03
86) Perylene-d12	15.17	264	335887	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1394729	125.80	ng	-0.01
7) Phenol-d6	6.32	99	1503419	109.39	ng	-0.02
23) Nitrobenzene-d5	7.23	82	981369	82.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	362148	113.75	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1550882	85.85	ng	-0.03
78) Terphenyl-d14	12.76	244	895587	59.06	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	19334	2.04	ng	# 43
19) n-Nitroso-di-n-propylamine	7.23	70	132490	15.38	ng	# 72
49) Dimethylphthalate	9.42	163	579850	24.94	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	39980	6.17	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	23262	4.15	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: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

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BNA_F

ClientSampleId :

S4-B010(5-7)

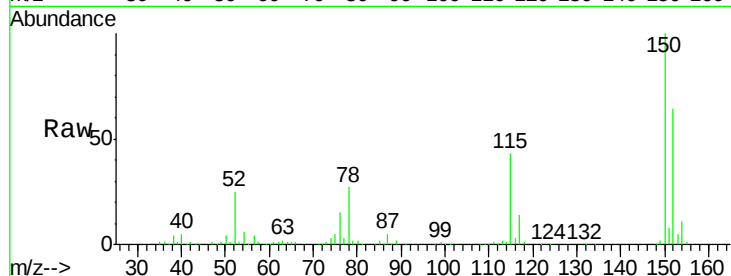
Tgt Ion:152 Resp: 172683

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

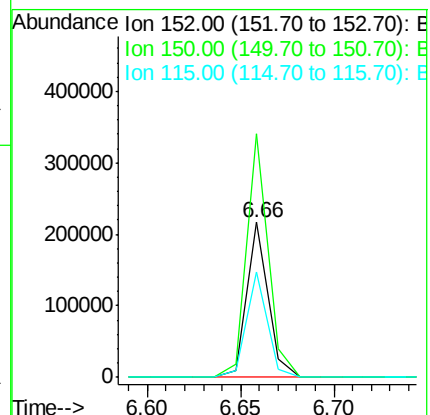
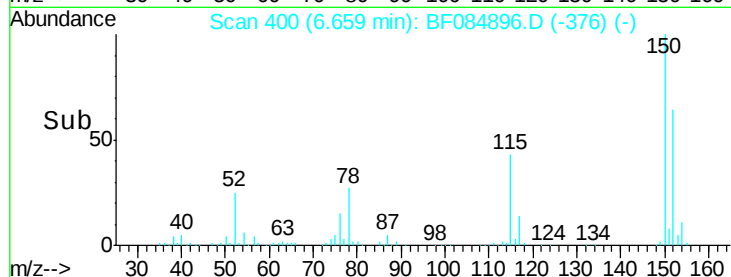
115 67.9 51.4 77.2



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



#5

2-Fluorophenol

Concen: 125.80 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

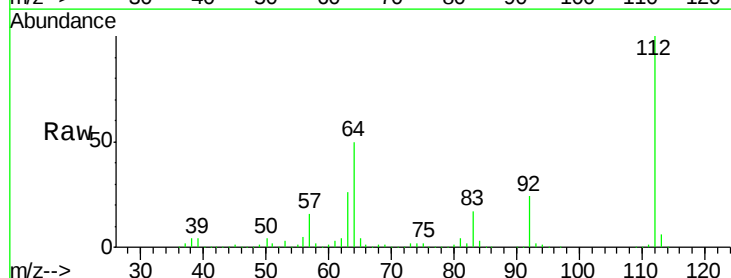
Tgt Ion:112 Resp: 1394729

Ion Ratio Lower Upper

112 100

64 49.9 36.6 55.0

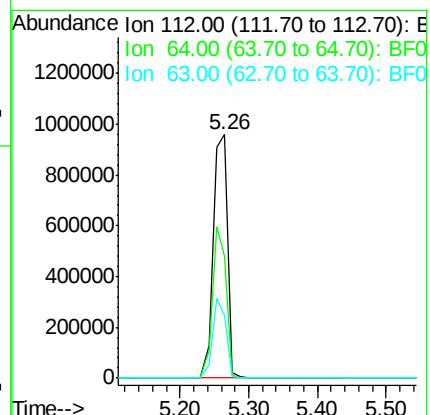
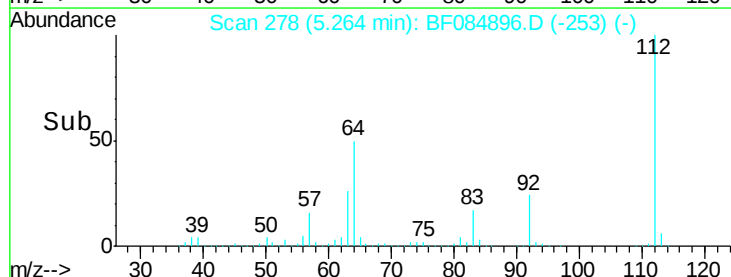
63 25.7 19.4 29.0



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





#7

Phenol-d6

Concen: 109.39 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

Instrument :

BNA_F

ClientSampleId :

S4-B010(5-7)

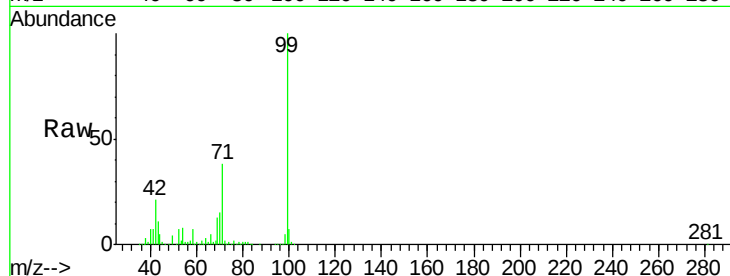
Tgt Ion: 99 Resp: 1503419

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

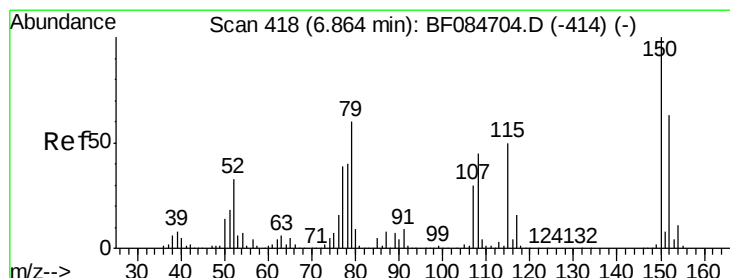
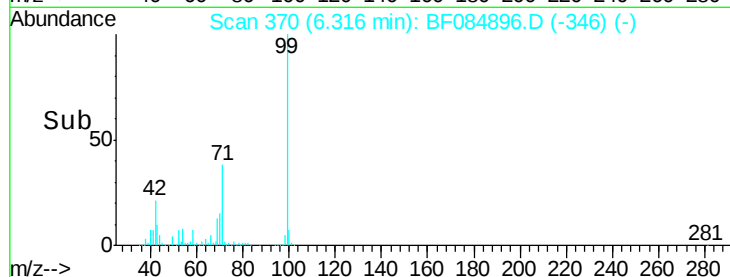
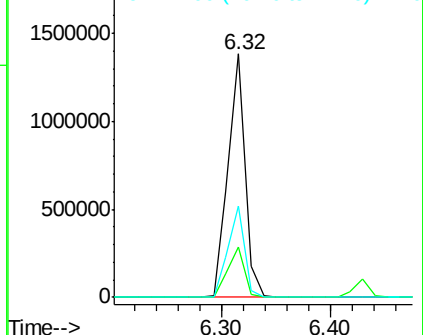
71 37.6 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

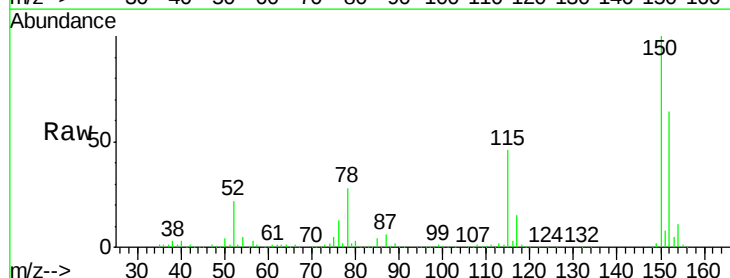
Tgt Ion: 79 Resp: 19334

Ion Ratio Lower Upper

79 100

108 31.3 69.0 103.4#

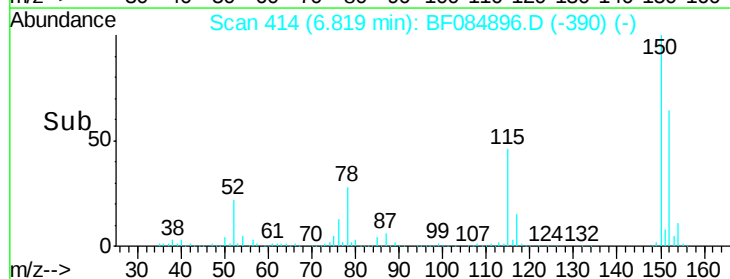
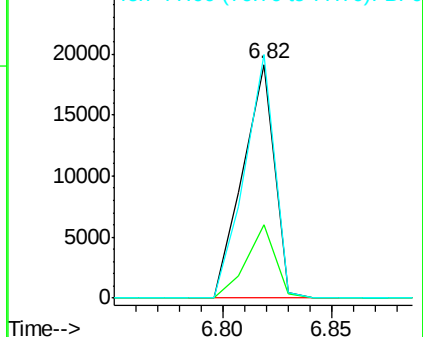
77 104.1 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

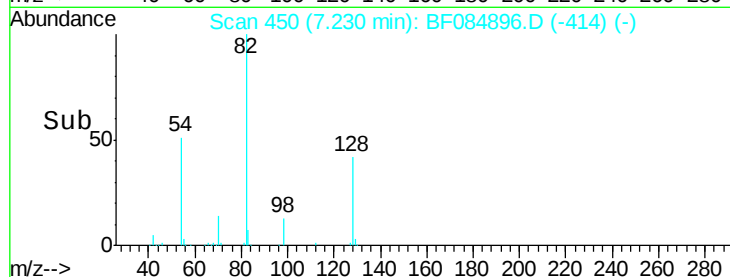
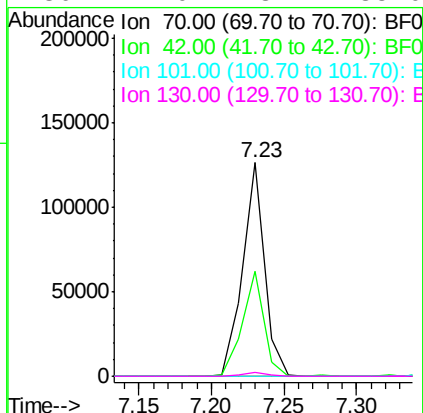
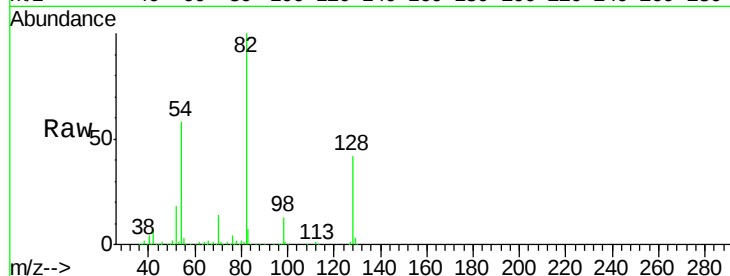




#19
n-Nitroso-di-n-propylamine
Concen: 15.38 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084896.D
Acq: 6 Feb 2016 8:04

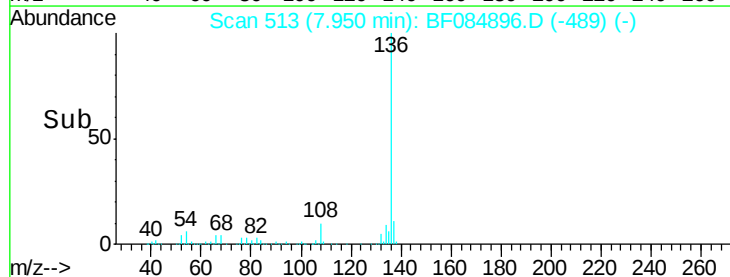
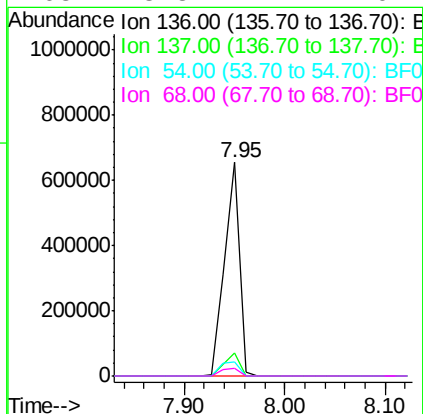
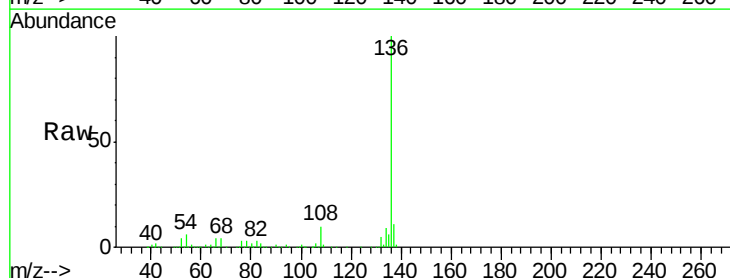
Instrument :
BNA_F
ClientSampleId :
S4-B010(5-7)

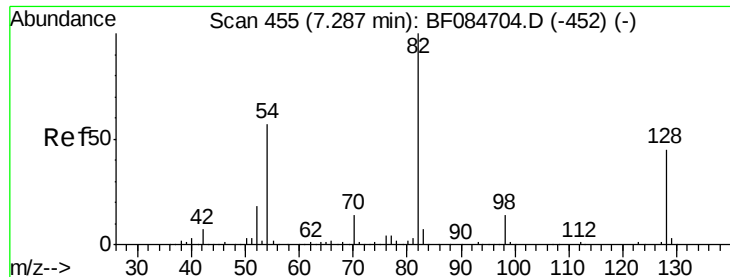
Tgt Ion:	70	Resp:	132490
Ion	Ratio	Lower	Upper
70	100		
42	49.4	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084896.D
Acq: 6 Feb 2016 8:04

Tgt Ion:	136	Resp:	673724
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.4	5.8	8.8
68	3.8	4.2	6.2#

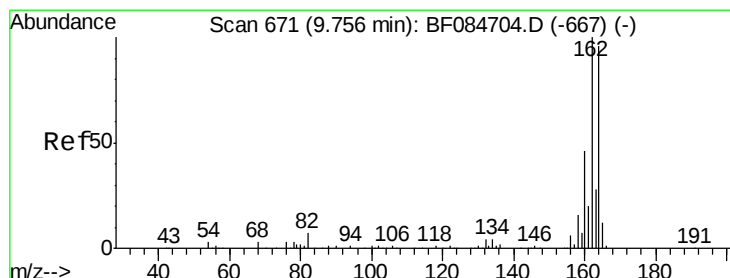
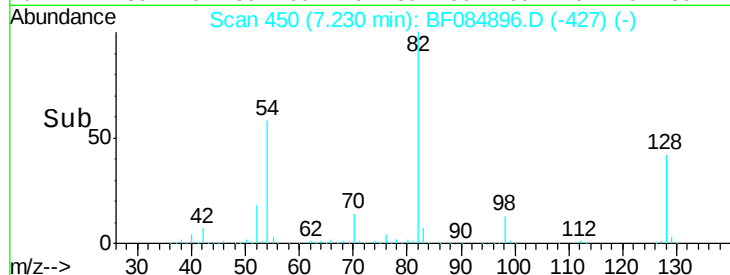
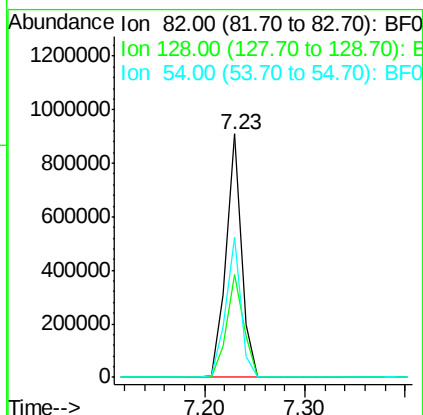
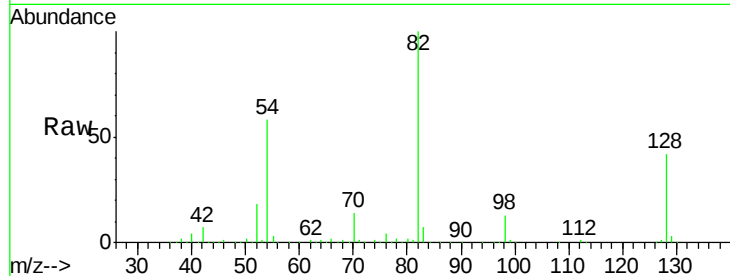




#23
 Nitrobenzene-d5
 Concen: 82.06 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084896.D
 Acq: 6 Feb 2016 8:04

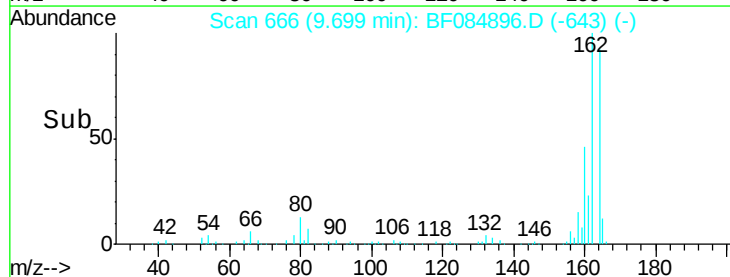
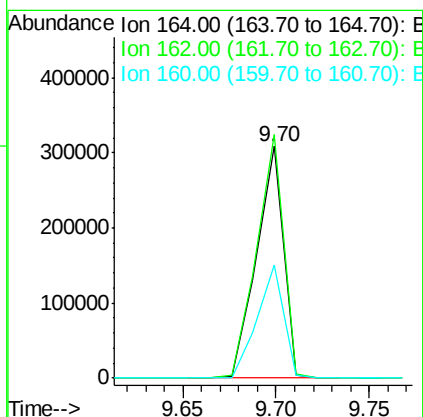
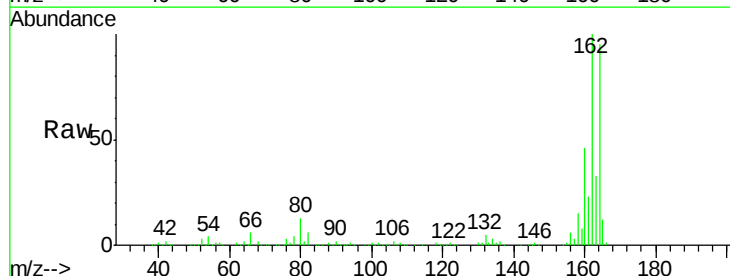
Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

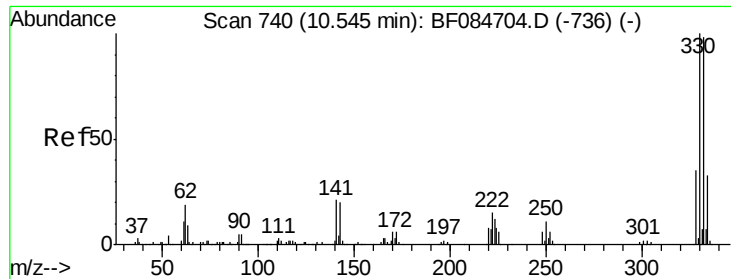
Tgt Ion: 82 Resp: 981369
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 51.8
 54 57.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084896.D
 Acq: 6 Feb 2016 8:04

Tgt Ion: 164 Resp: 305213
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.1 127.7
 160 48.7 37.5 56.3

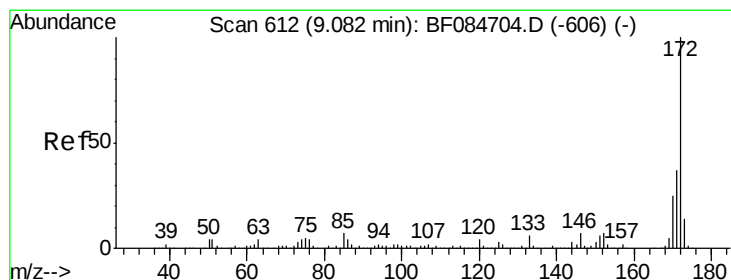
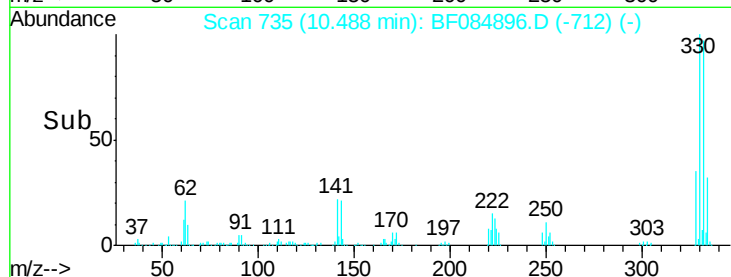
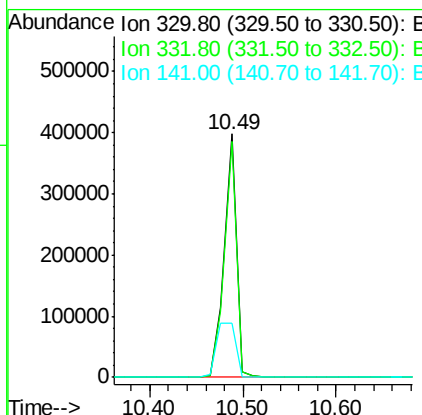
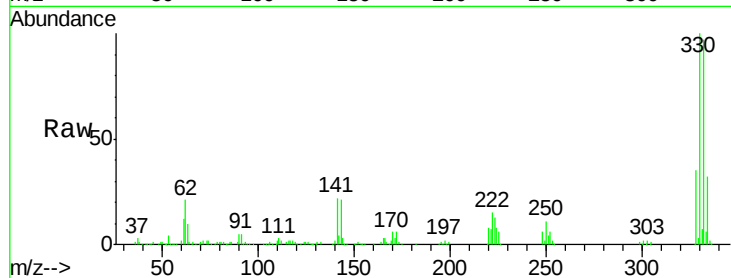




#41
 2,4,6-Tribromophenol
 Concen: 113.75 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084896.D
 Acq: 6 Feb 2016 8:04

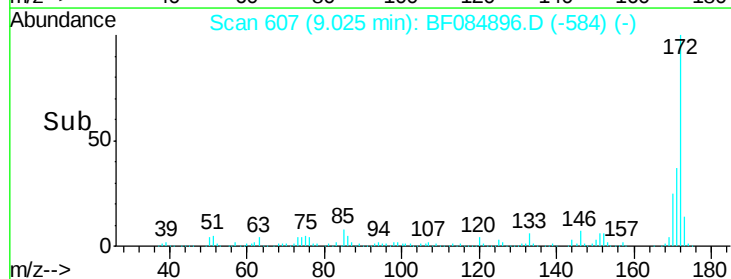
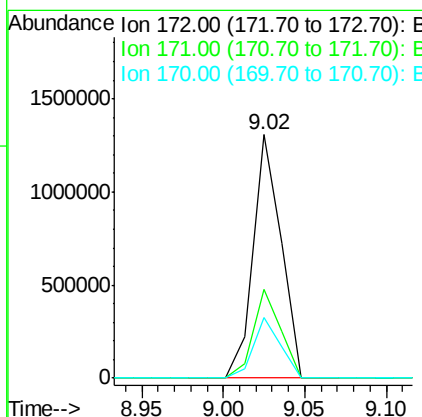
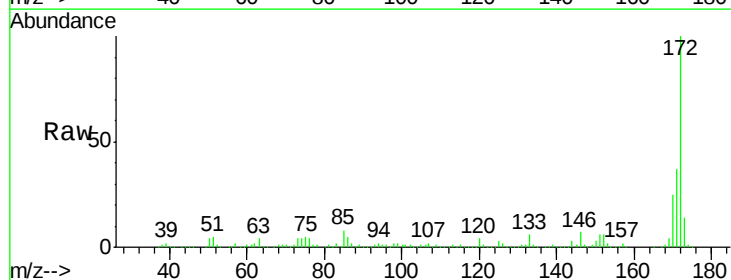
Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(5-7)

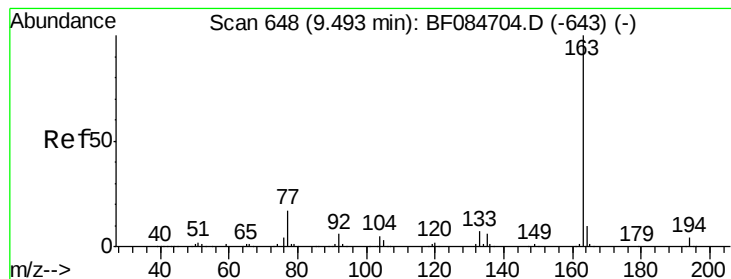
Tgt Ion:330 Resp: 362148
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 34.7 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 85.85 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084896.D
 Acq: 6 Feb 2016 8:04

Tgt Ion:172 Resp: 1550882
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.9 18.6 27.8





#49

Dimethylphthalate

Concen: 24.94 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

Instrument :

BNA_F

ClientSampleId :

S4-B010(5-7)

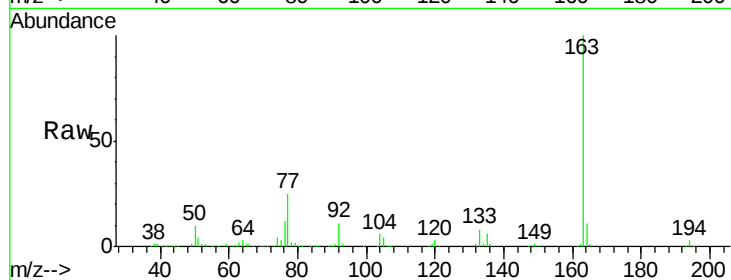
Tgt Ion:163 Resp: 579850

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

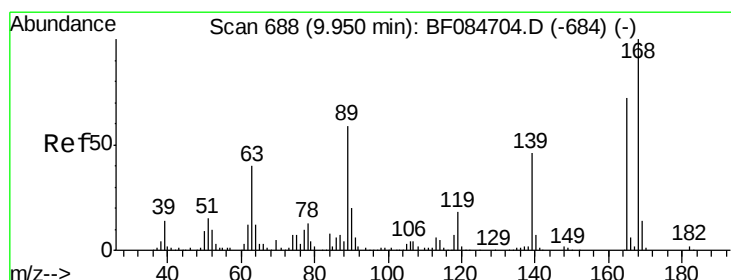
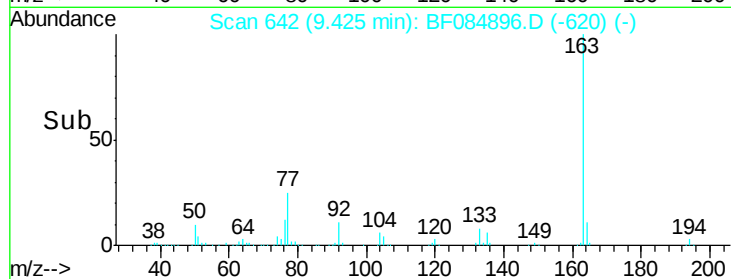
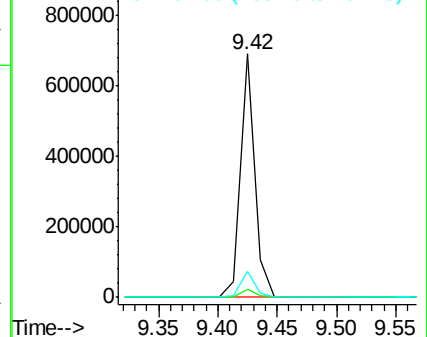
164 10.7 8.0 12.0



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: 6.17 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.23 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

Tgt Ion:165 Resp: 39980

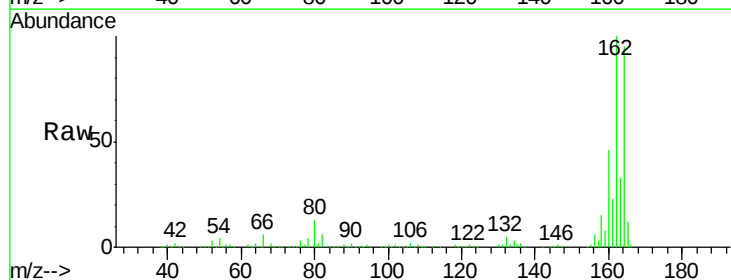
Ion Ratio Lower Upper

165 100

63 1.6 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

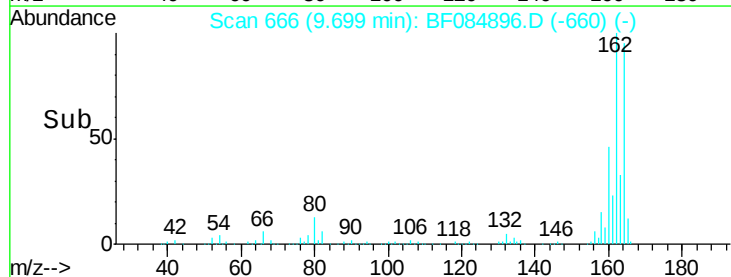
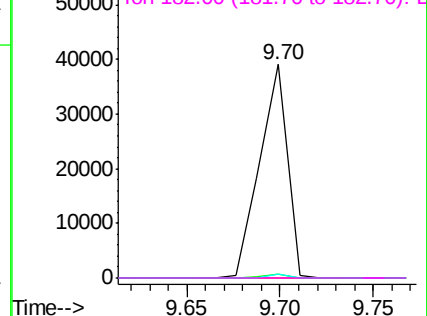


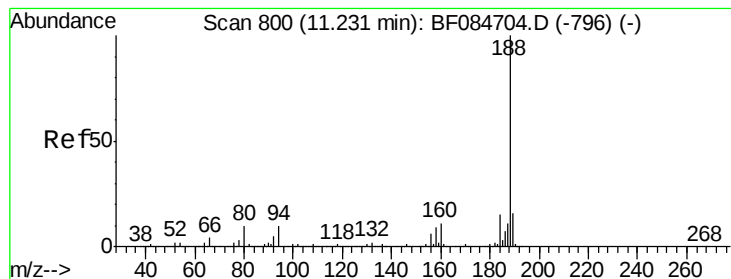
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

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S4-B010(5-7)

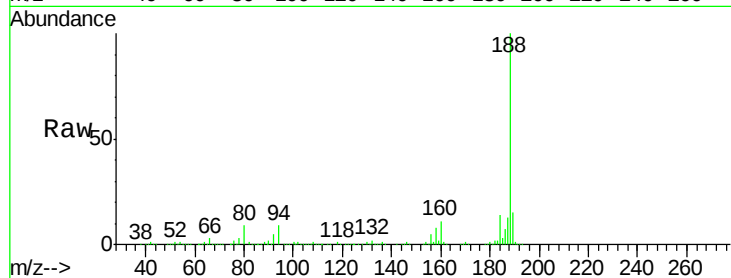
Tgt Ion:188 Resp: 507815

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.4#

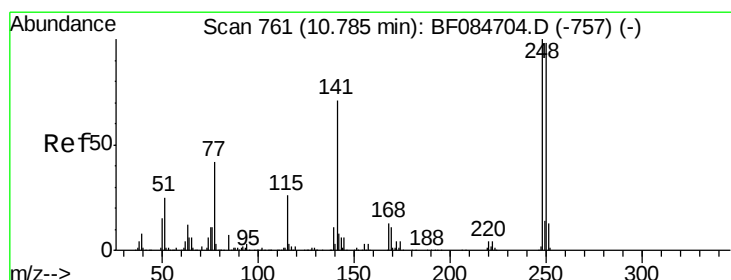
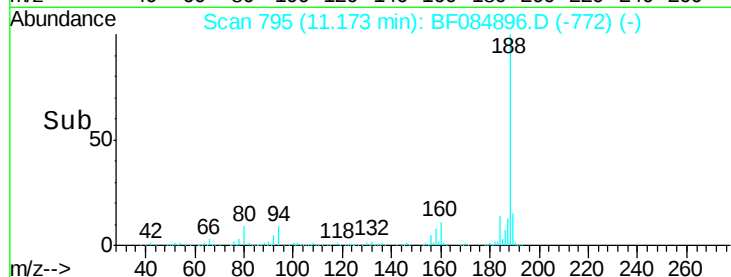
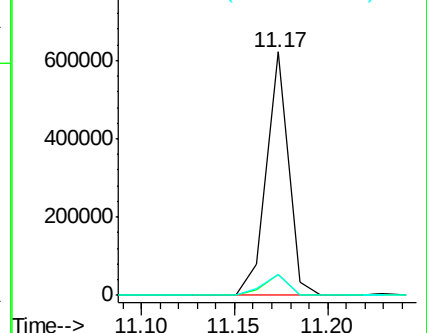
80 8.7 9.6 14.4#



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



#66

4-Bromophenyl-phenylether

Concen: 4.15 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

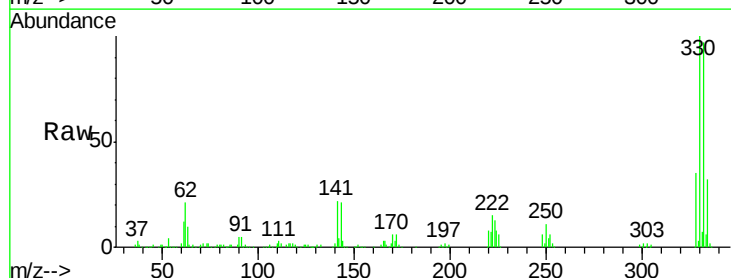
Tgt Ion:248 Resp: 23262

Ion Ratio Lower Upper

248 100

250 195.5 78.4 117.6#

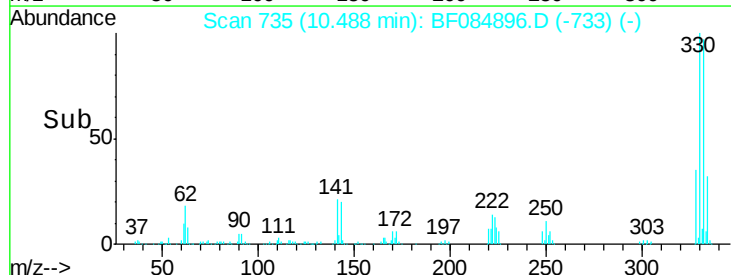
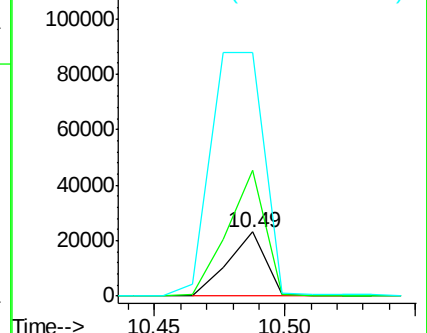
141 378.4 44.0 66.0#

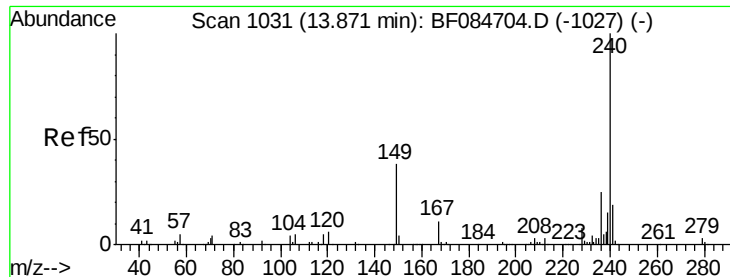


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

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S4-B010(5-7)

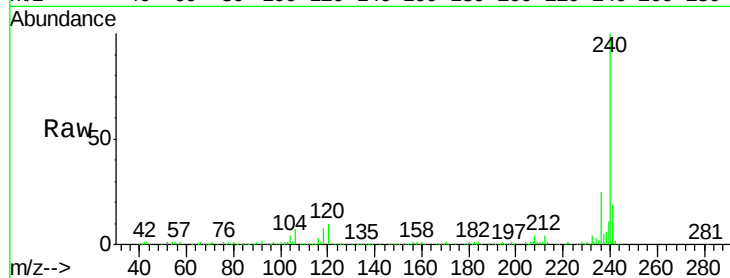
Tgt Ion:240 Resp: 343646

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

236 25.4 20.6 31.0

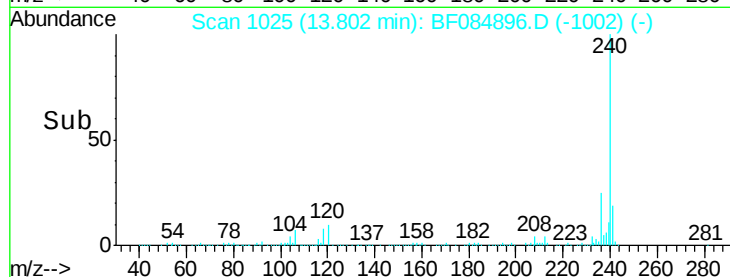


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 13.70 13.80 13.90



#78

Terphenyl-d14

Concen: 59.06 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084896.D

Acq: 6 Feb 2016 8:04

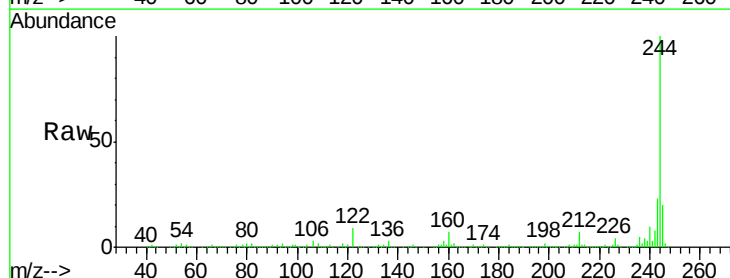
Tgt Ion:244 Resp: 895587

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.2 7.4 11.0

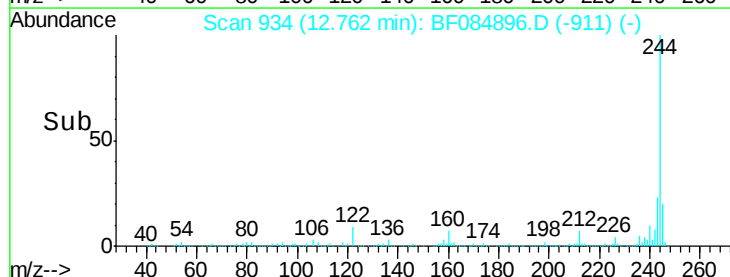


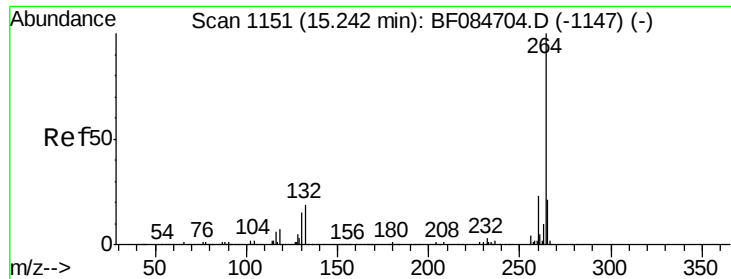
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.70 12.80 12.90

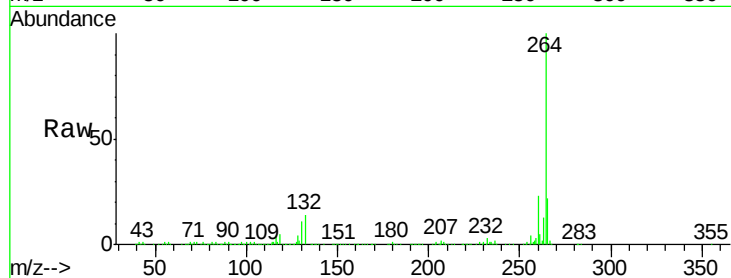




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084896.D
Acq: 6 Feb 2016 8:04

Instrument :
BNA_F
ClientSampleId :
S4-B010(5-7)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	22.3	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

