

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084796.D
 Acq On : 3 Feb 2016 20:38
 Operator : SJ/IZ
 Sample : H1331-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTH-END(14)

Quant Time: Feb 04 00:30:07 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

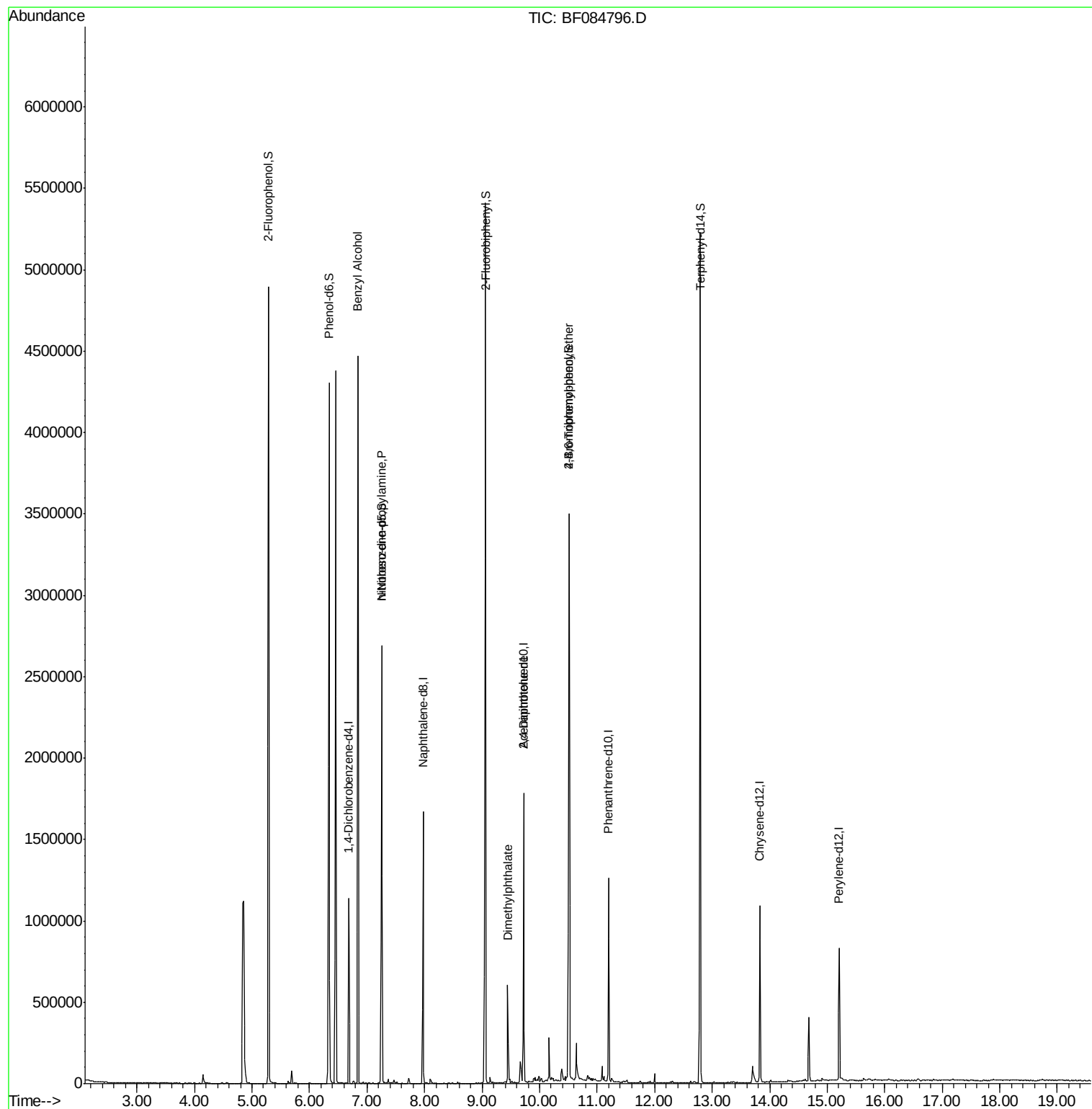
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	167362	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	752624	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	339056	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	600961	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	522413	20.00	ng	-0.01
86) Perylene-d12	15.21	264	365874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1416697	131.85	ng	0.01
7) Phenol-d6	6.34	99	1658671	124.52	ng	0.00
23) Nitrobenzene-d5	7.25	82	1113739	83.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	491769	139.05	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	2121694	124.89	ng	0.00
78) Terphenyl-d14	12.80	244	1994328	86.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.84	79	20815	2.26	ng	# 43
19) n-Nitroso-di-n-propylamine	7.25	70	151580	18.15	ng	# 71
49) Dimethylphthalate	9.45	163	253211	9.81	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	42504	5.91	ng	# 22
66) 4-Bromophenyl-phenylether	10.51	248	27334	4.12	ng	# 1

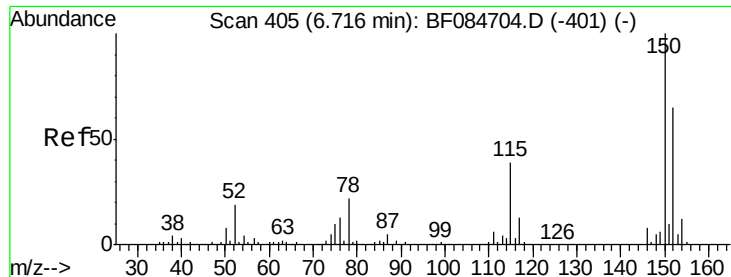
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTH-END(14)

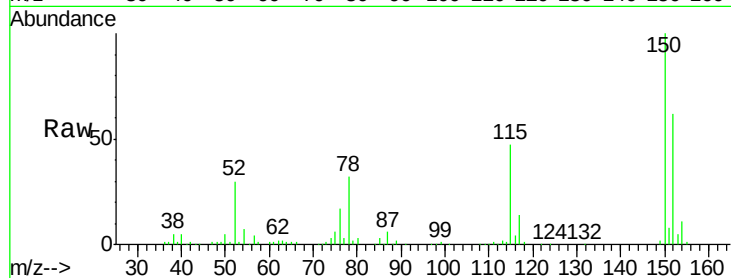
Tgt Ion:152 Resp: 167362

Ion Ratio Lower Upper

152 100

150 161.2 123.0 184.4

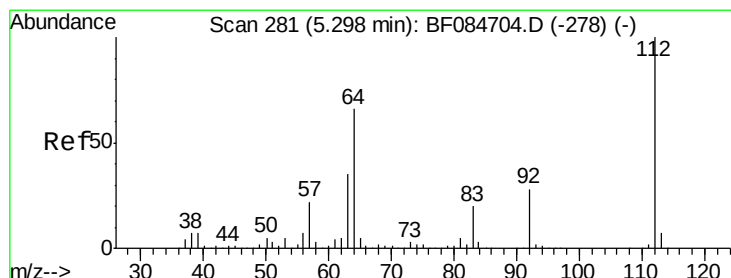
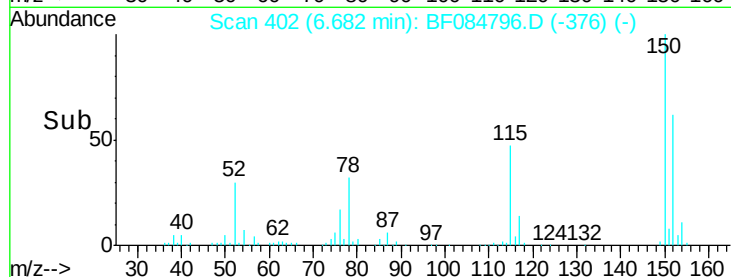
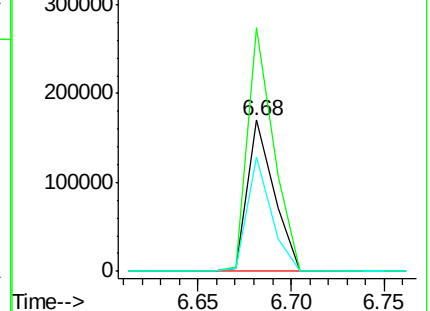
115 75.5 51.4 77.2



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: 131.85 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

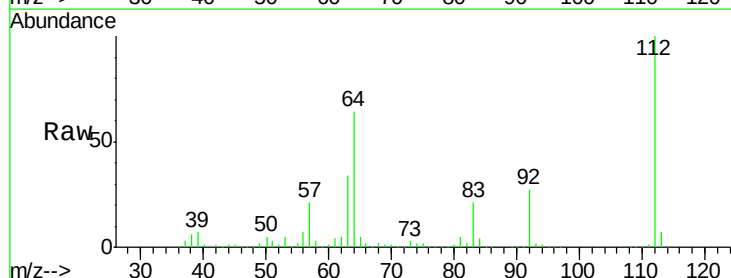
Tgt Ion:112 Resp: 1416697

Ion Ratio Lower Upper

112 100

64 64.2 36.6 55.0#

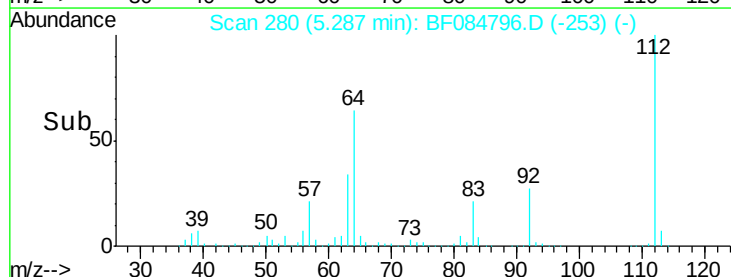
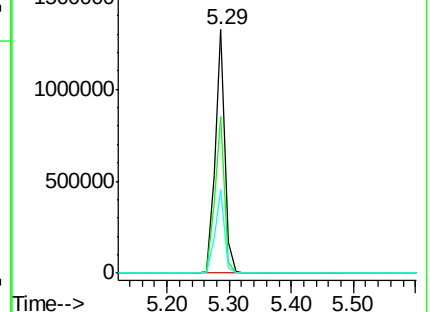
63 34.1 19.4 29.0#

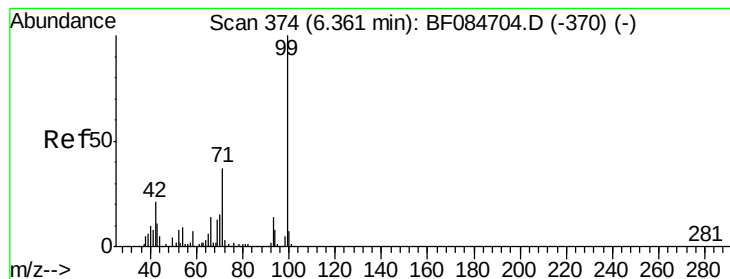


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.52 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTH-END(14)

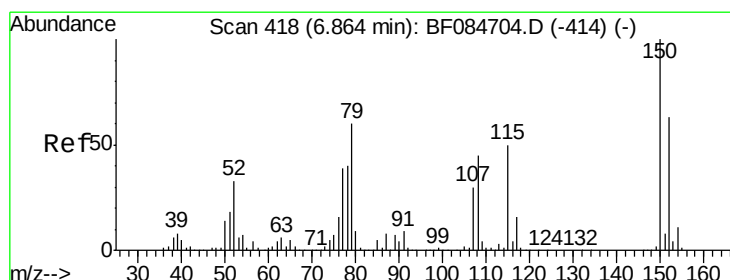
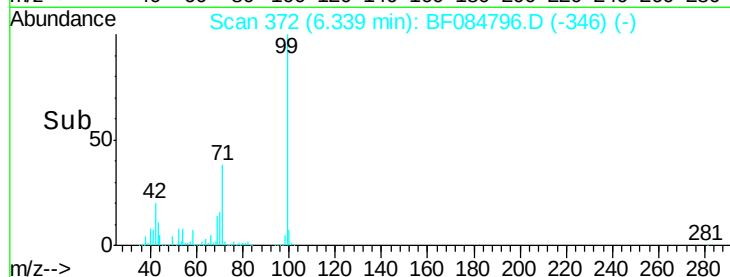
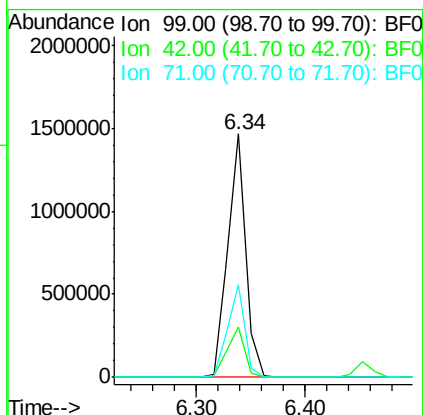
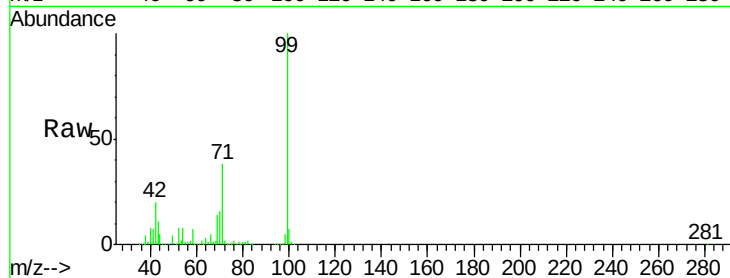
Tgt Ion: 99 Resp: 1658671

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

71 38.0 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.26 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

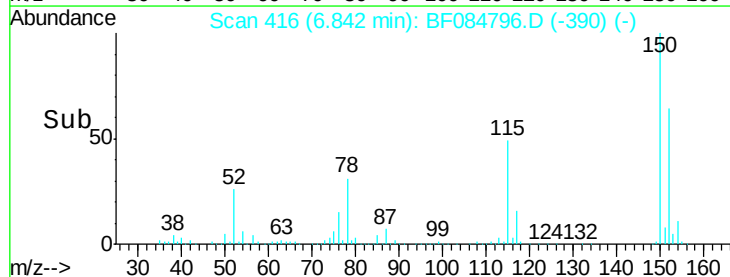
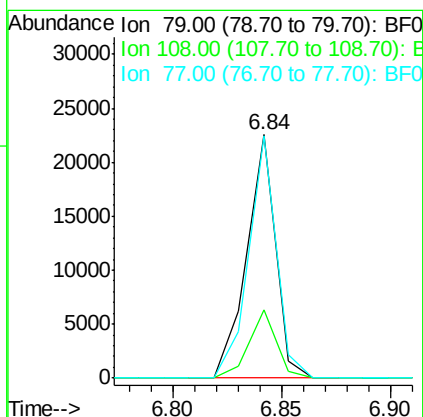
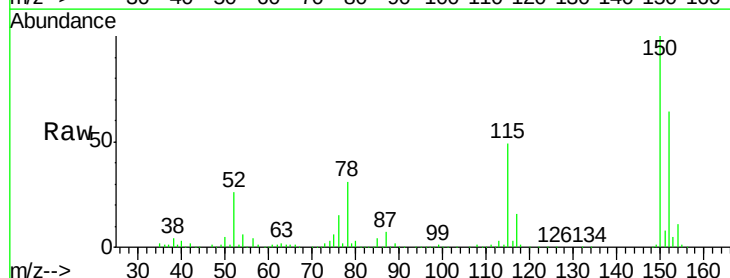
Tgt Ion: 79 Resp: 20815

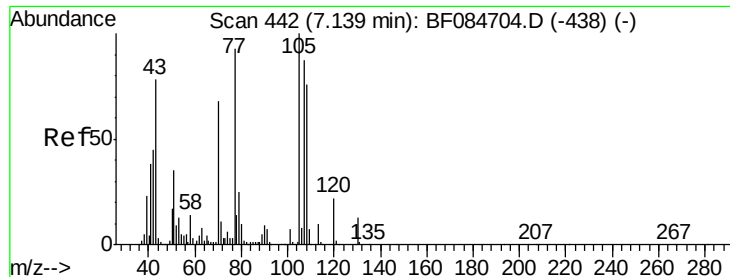
Ion Ratio Lower Upper

79 100

108 27.9 69.0 103.4#

77 99.4 50.0 75.0#

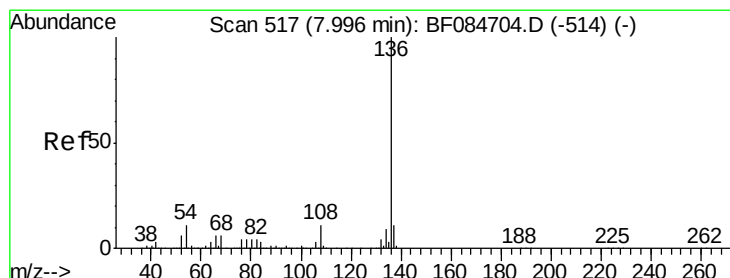
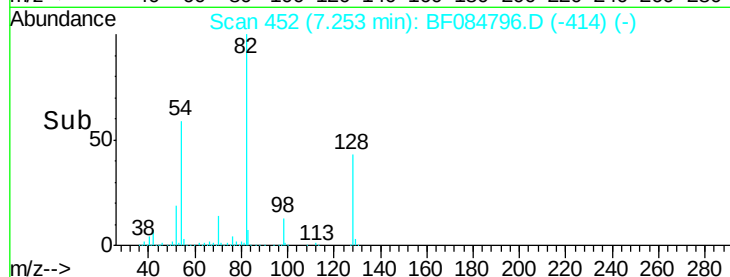
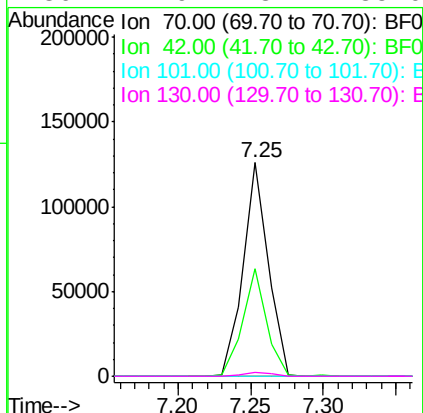
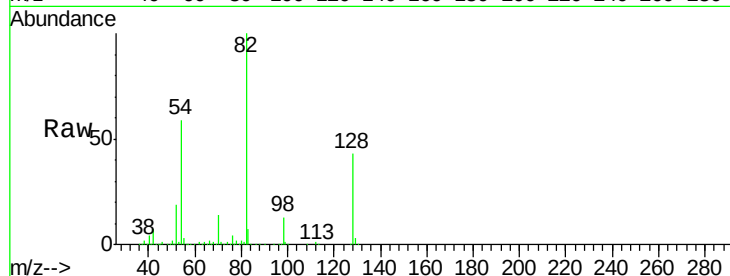




#19
n-Nitroso-di-n-propylamine
Concen: 18.15 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.14 min
Lab File: BF084796.D
Acq: 3 Feb 2016 20:38

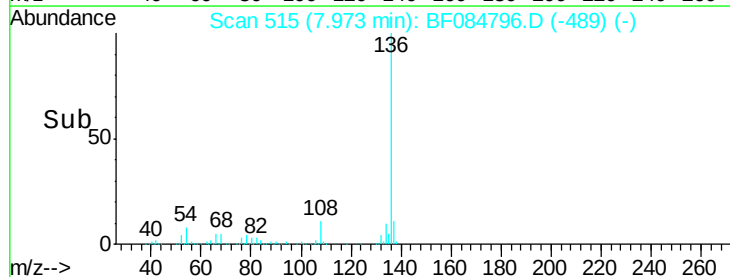
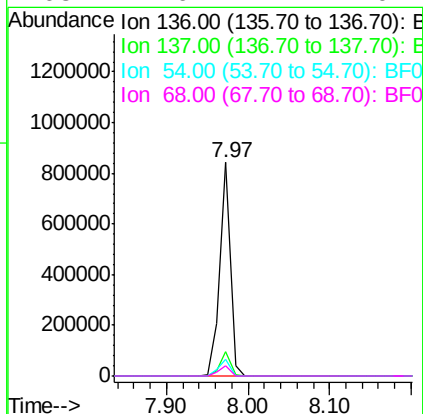
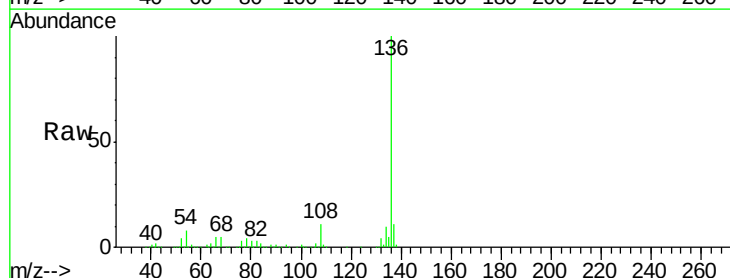
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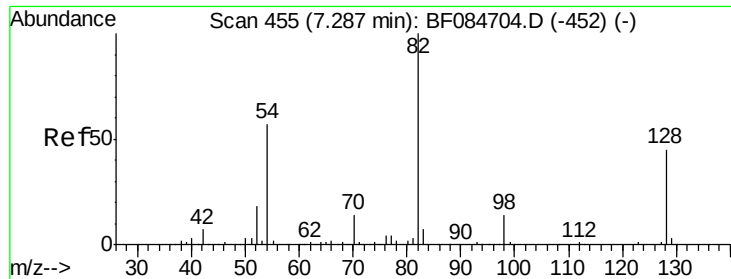
Tgt Ion: 70 Resp: 151580
Ion Ratio Lower Upper
70 100
42 50.3 33.3 49.9#
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084796.D
Acq: 3 Feb 2016 20:38

Tgt Ion: 136 Resp: 752624
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.7 5.8 8.8
68 4.6 4.2 6.2

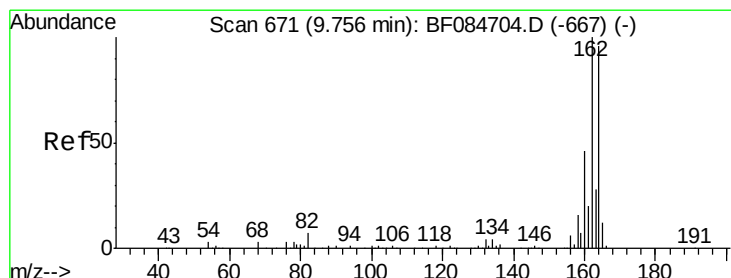
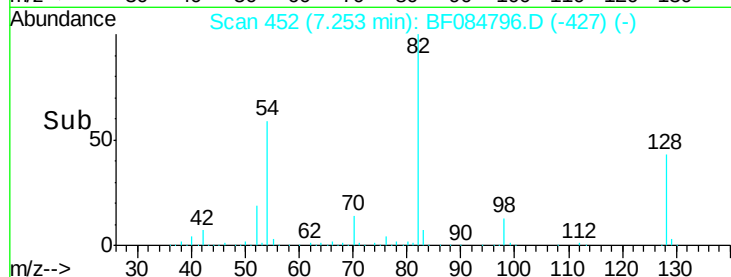
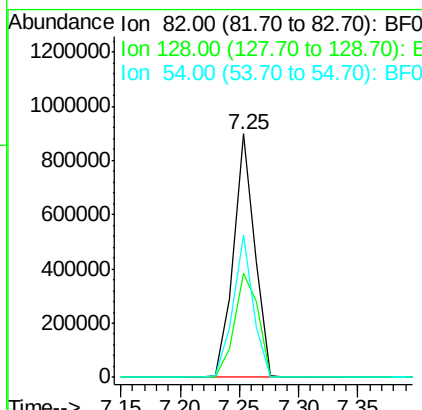
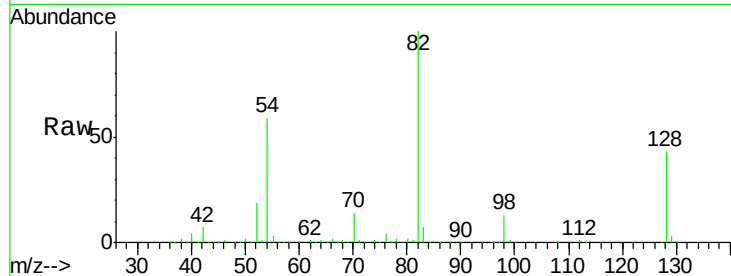




#23
 Nitrobenzene-d5
 Concen: 83.36 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084796.D
 Acq: 3 Feb 2016 20:38

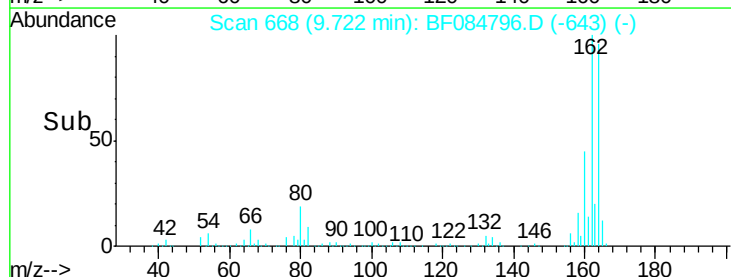
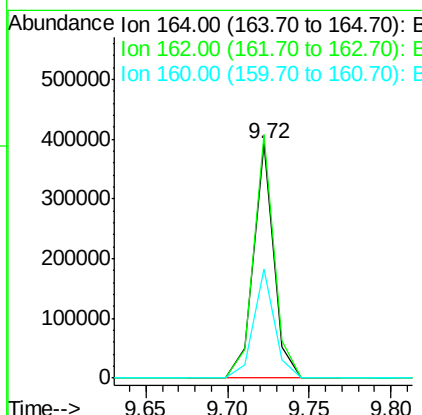
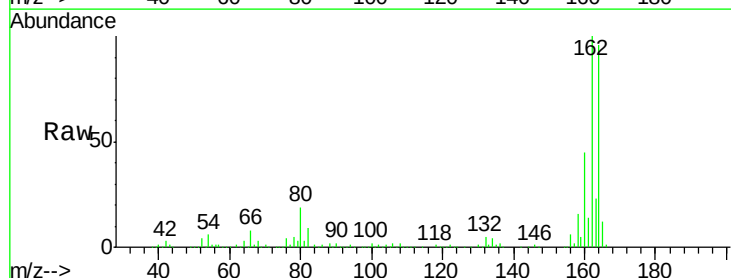
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-NORTH-END(14)

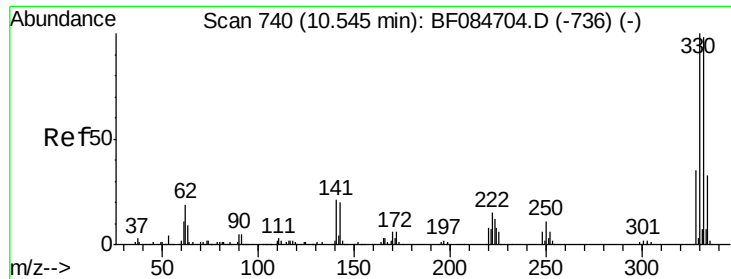
Tgt Ion: 82 Resp: 1113739
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 51.8
 54 58.5 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084796.D
 Acq: 3 Feb 2016 20:38

Tgt Ion: 164 Resp: 339056
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.1 127.7
 160 46.6 37.5 56.3

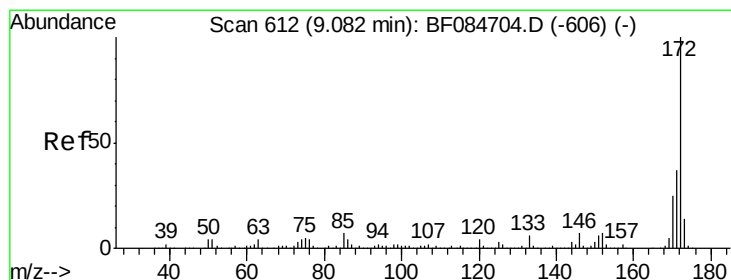
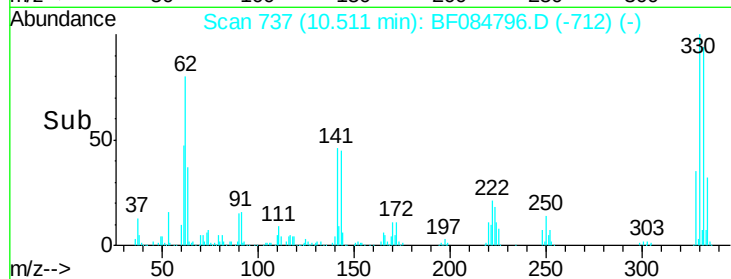
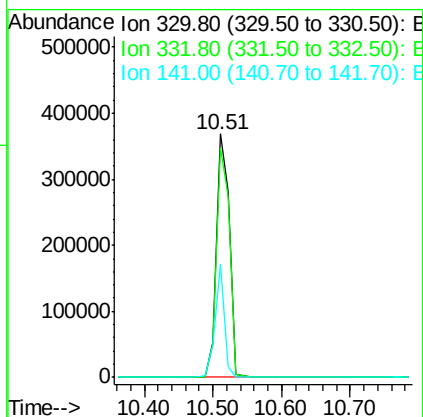
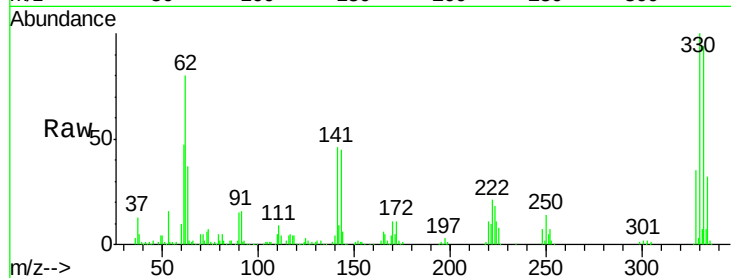




#41
 2,4,6-Tribromophenol
 Concen: 139.05 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084796.D
 Acq: 3 Feb 2016 20:38

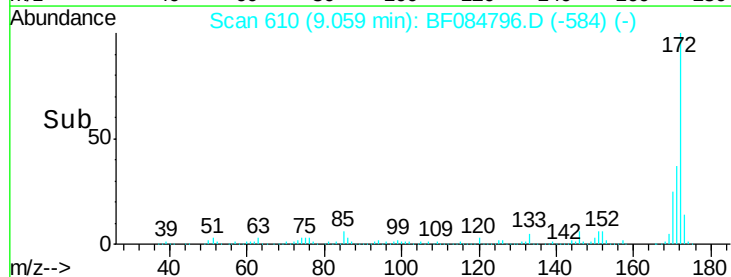
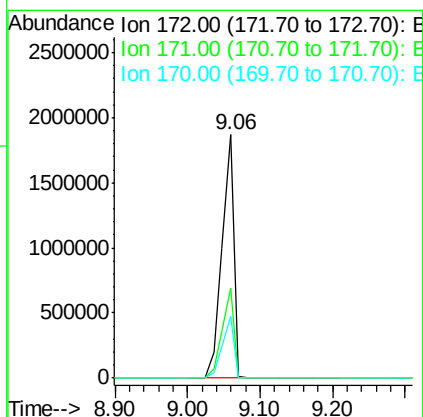
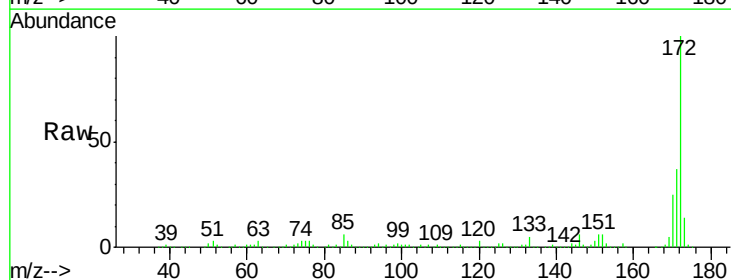
Instrument :
 BNA_F
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 BOTTOM-NORTH-END(14)

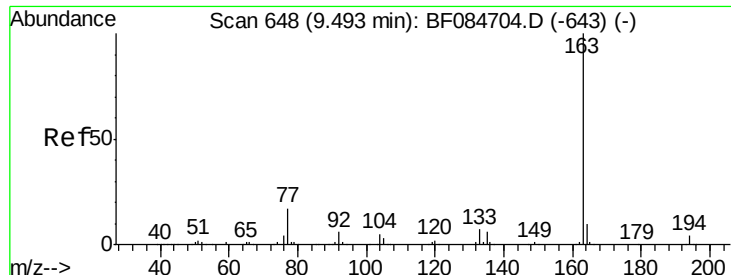
Tgt Ion:330 Resp: 491769
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 33.8 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 124.89 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084796.D
 Acq: 3 Feb 2016 20:38

Tgt Ion:172 Resp: 2121694
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 25.2 18.6 27.8





#49

Dimethylphthalate

Concen: 9.81 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTH-END(14)

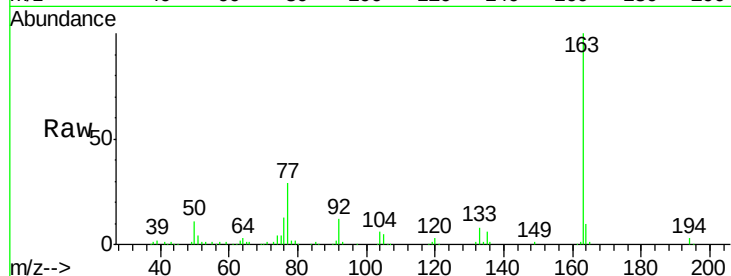
Tgt Ion:163 Resp: 253211

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

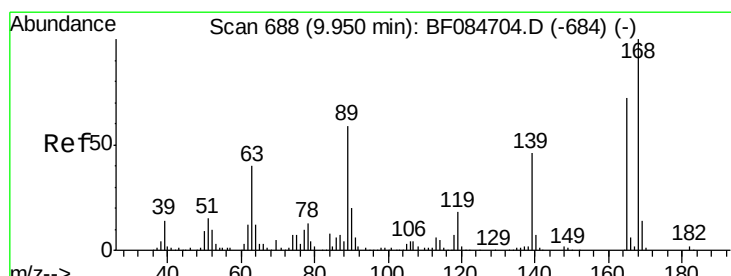
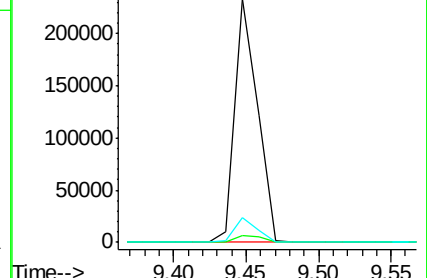
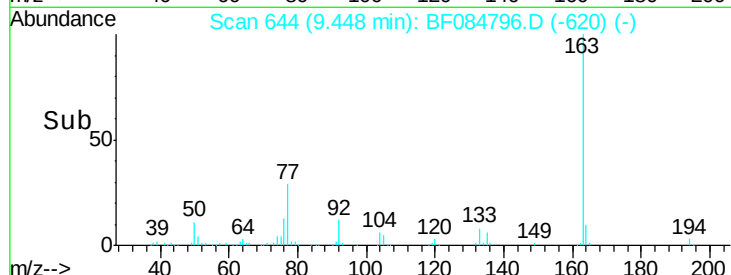
164 10.4 8.0 12.0



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: 5.91 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Tgt Ion:165 Resp: 42504

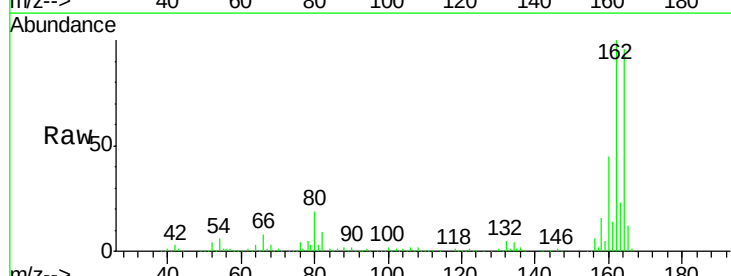
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.9 61.9 92.9#

182 0.0 2.0 3.0#

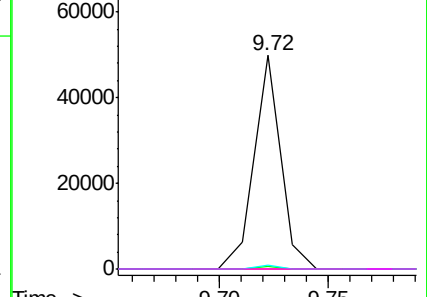
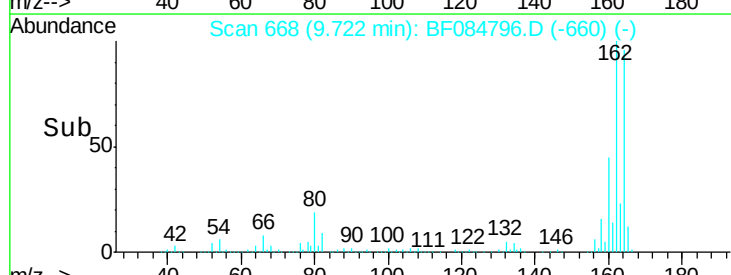


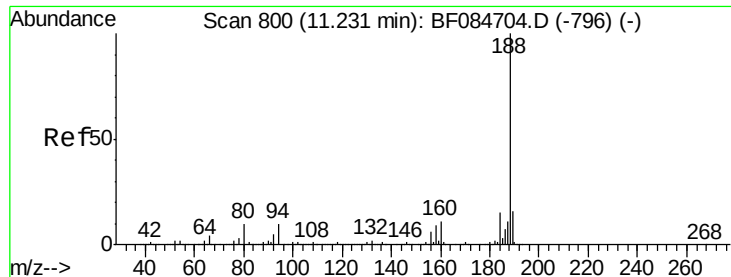
Abundance Ion 165.00 (164.70 to 165.70): E

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

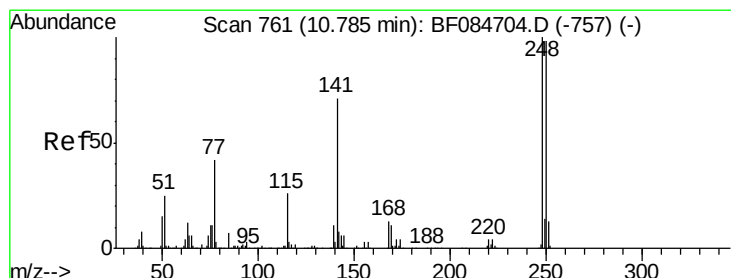
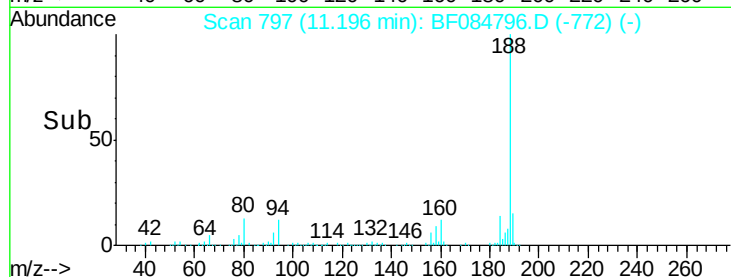
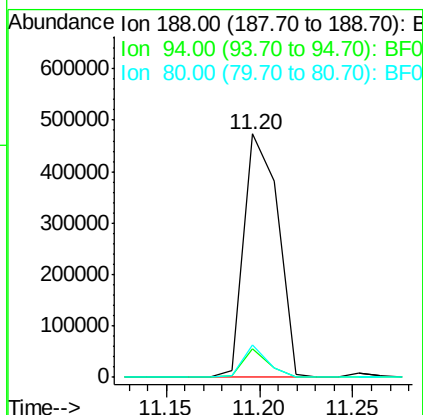
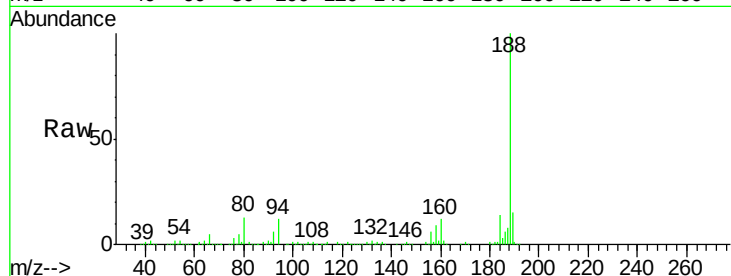




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084796.D
Acq: 3 Feb 2016 20:38

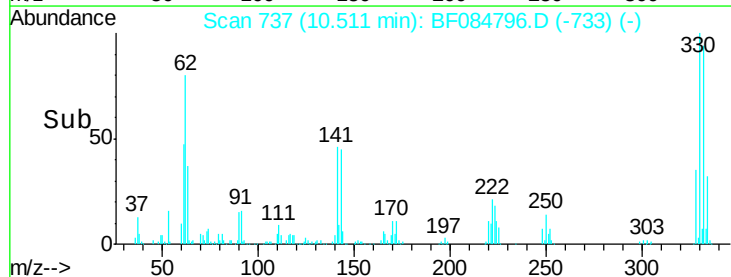
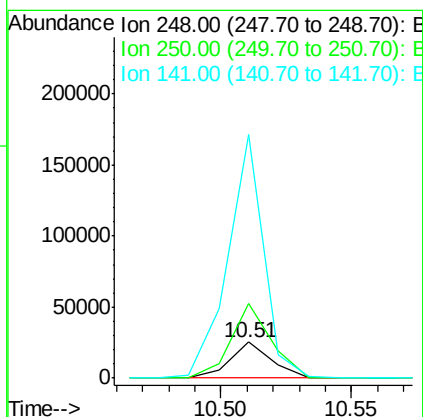
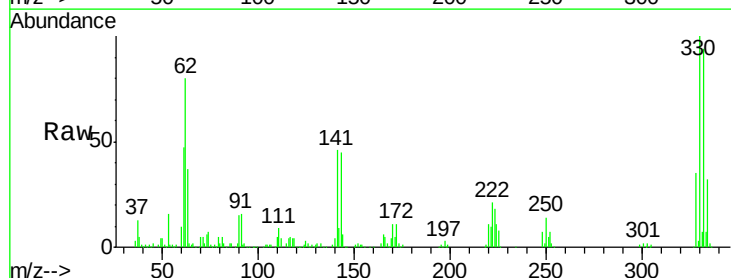
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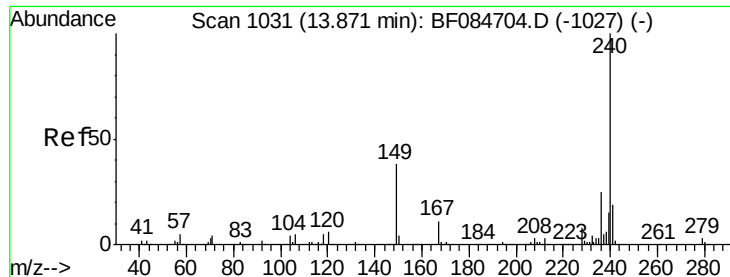
Tgt Ion:188 Resp: 600961
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.4
80 13.2 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084796.D
Acq: 3 Feb 2016 20:38

Tgt Ion:248 Resp: 27334
Ion Ratio Lower Upper
248 100
250 208.8 78.4 117.6#
141 679.3 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

Instrument :

BNA_F

ClientSampleId :

BOTTOM-NORTH-END(14)

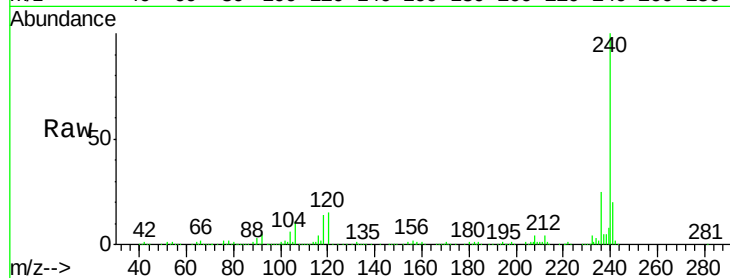
Tgt Ion:240 Resp: 522413

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

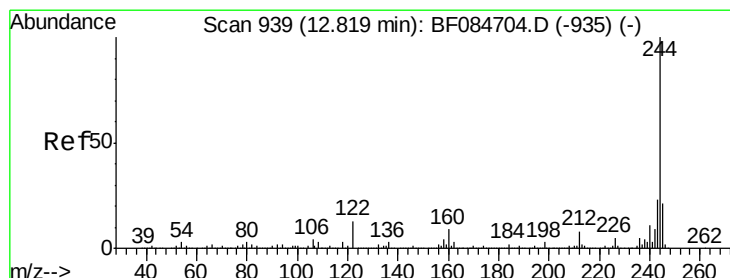
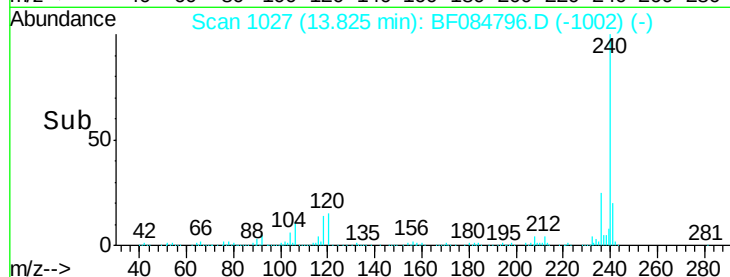
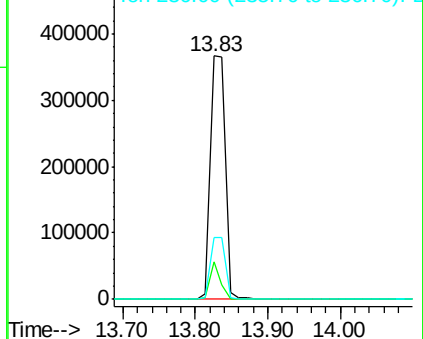
236 25.2 20.6 31.0



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



#78

Terphenyl-d14

Concen: 86.51 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084796.D

Acq: 3 Feb 2016 20:38

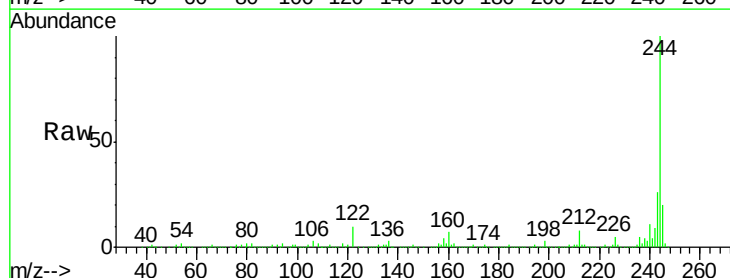
Tgt Ion:244 Resp: 1994328

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

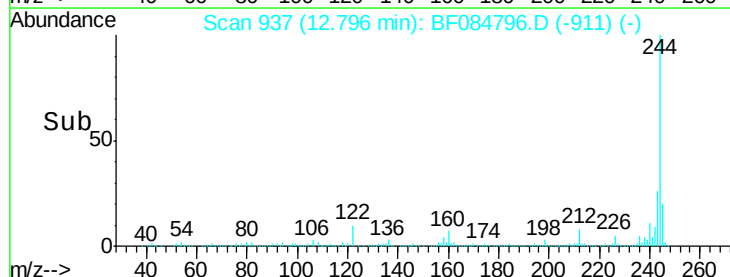
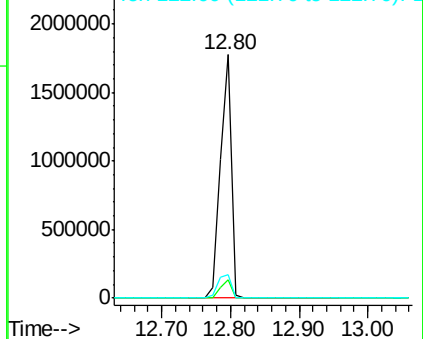
122 9.7 7.4 11.0

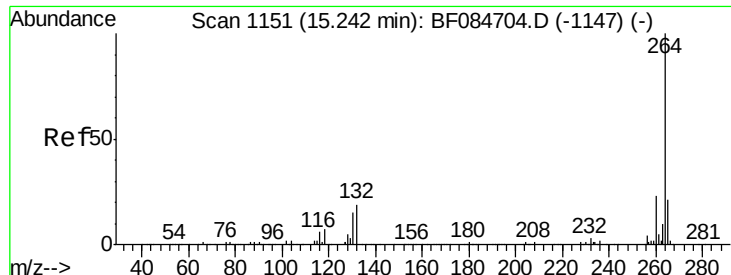


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

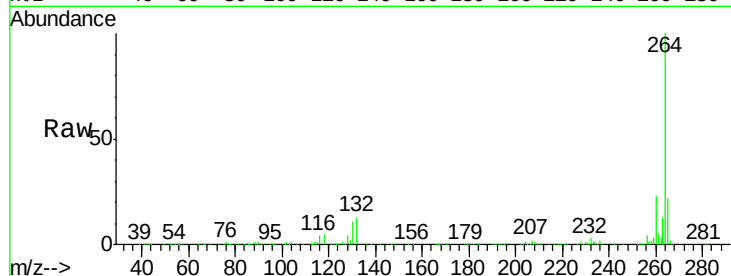




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF084796.D
Acq: 3 Feb 2016 20:38

Instrument :
BNA_F
ClientSampleId :
BOTTOM-NORTH-END(14)

Tgt Ion: 264 Resp: 365874
Ion Ratio Lower Upper
264 100
260 23.2 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

