

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084851.D
 Acq On : 5 Feb 2016 1:47
 Operator : SJ/IZ
 Sample : H1320-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(46-48)

Quant Time: Feb 05 03:40:27 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

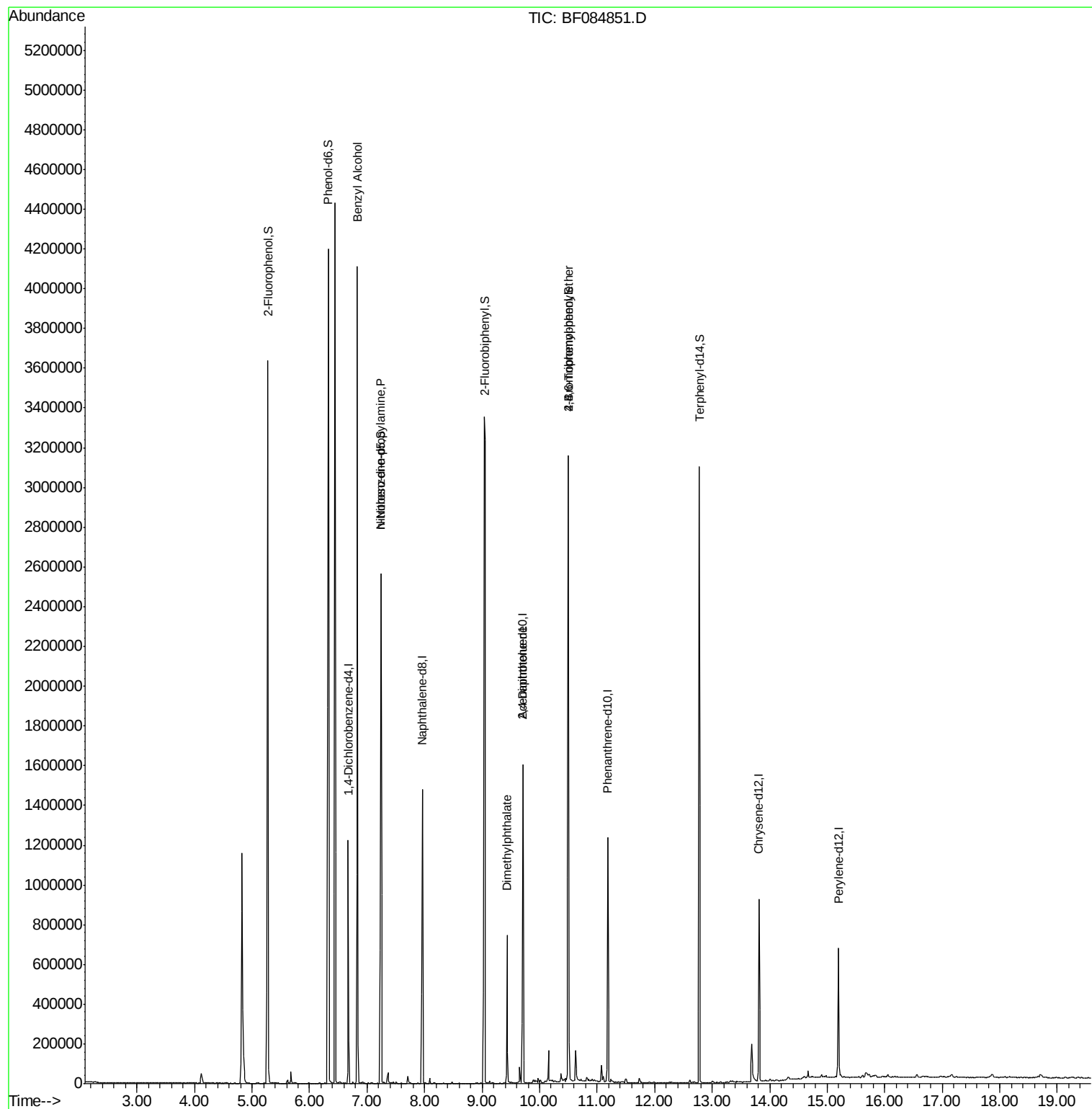
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	166584	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	679846	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	297410	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	453322	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	333720	20.00	ng	-0.02
86) Perylene-d12	15.20	264	342610	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1450929	135.67	ng	0.00
7) Phenol-d6	6.33	99	1543298	116.40	ng	-0.01
23) Nitrobenzene-d5	7.24	82	969651	80.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	346612	111.73	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1679029	101.82	ng	-0.01
78) Terphenyl-d14	12.77	244	1120504	76.08	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.83	79	18861	2.06	ng	# 45
19) n-Nitroso-di-n-propylamine	7.24	70	129076	15.53	ng	# 70
49) Dimethylphthalate	9.44	163	281637	12.43	ng	# 89
56) 2,4-Dinitrotoluene	9.71	165	37541	5.95	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	24778	4.95	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: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

Instrument :

BNA_F

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S4-B012(46-48)

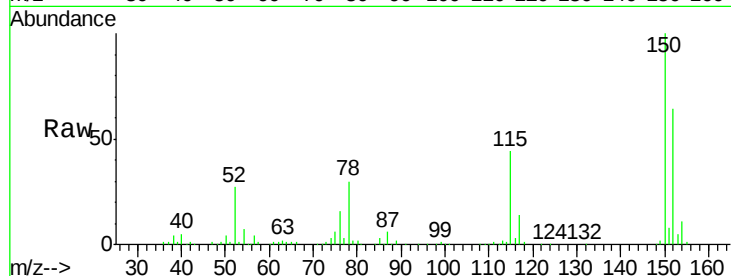
Tgt Ion:152 Resp: 166584

Ion Ratio Lower Upper

152 100

150 155.6 123.0 184.4

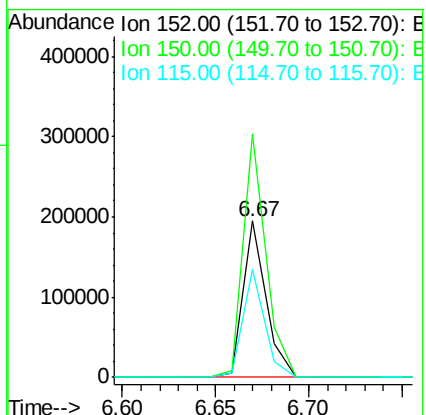
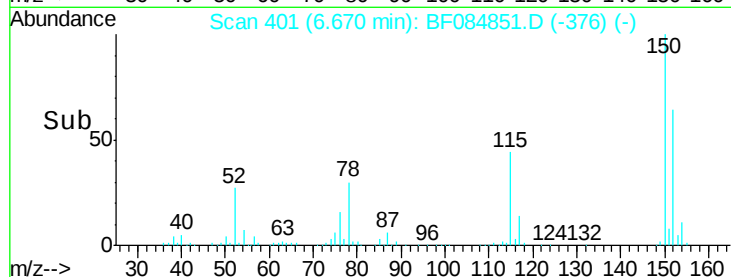
115 69.0 51.4 77.2



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: 135.67 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.00 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

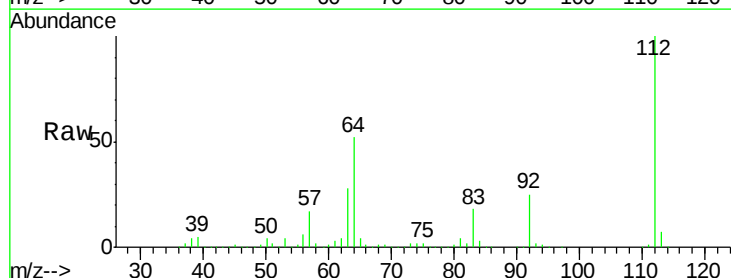
Tgt Ion:112 Resp: 1450929

Ion Ratio Lower Upper

112 100

64 52.3 36.6 55.0

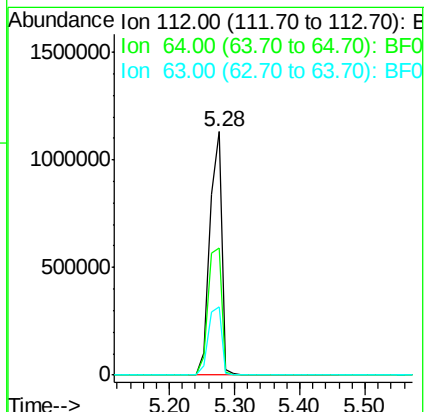
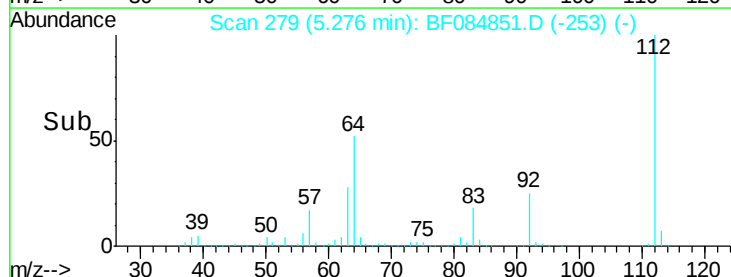
63 28.0 19.4 29.0



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: 116.40 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

Instrument :

BNA_F

ClientSampleId :

S4-B012(46-48)

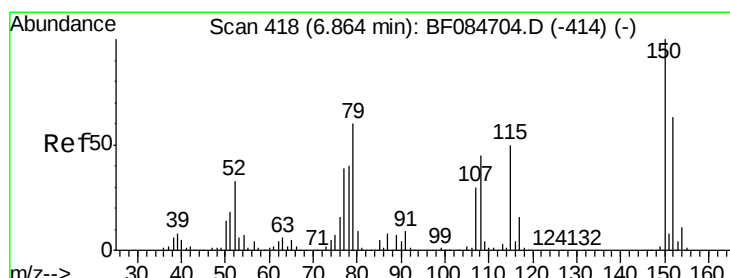
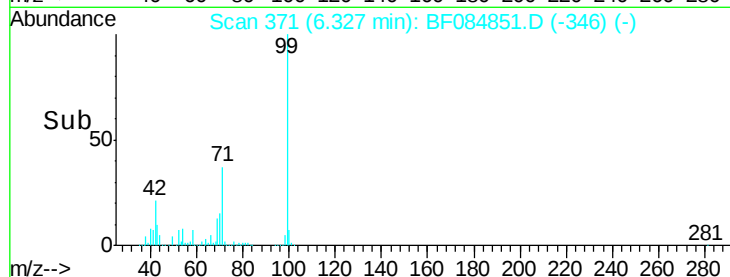
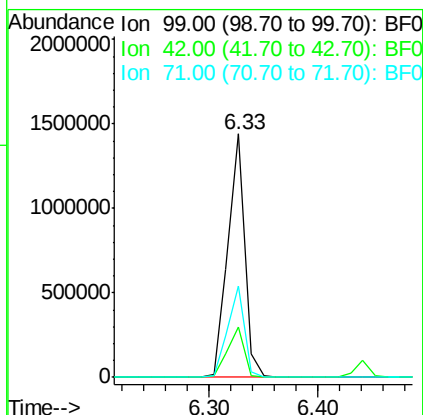
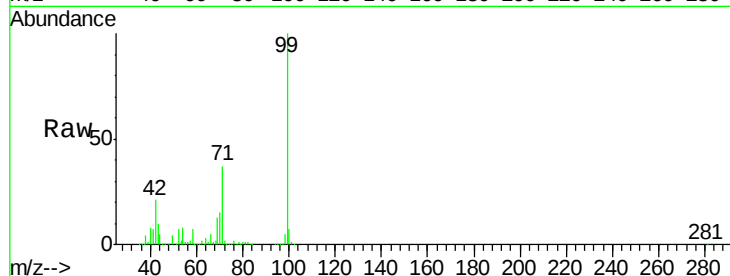
Tgt Ion: 99 Resp: 1543298

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

71 37.3 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

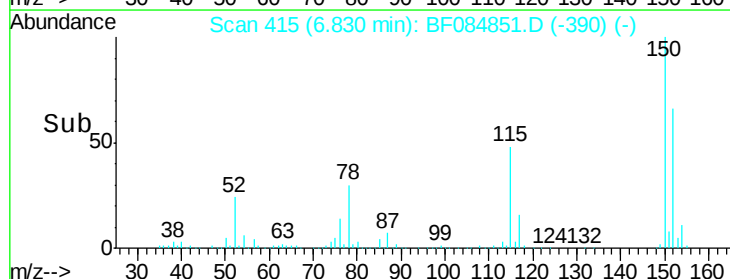
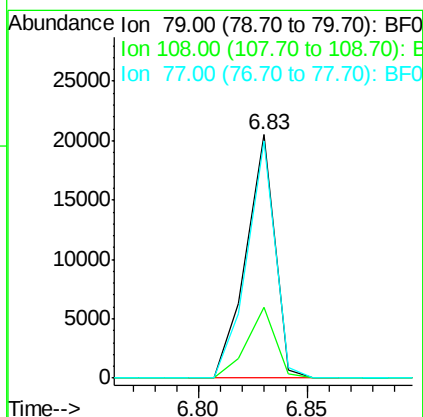
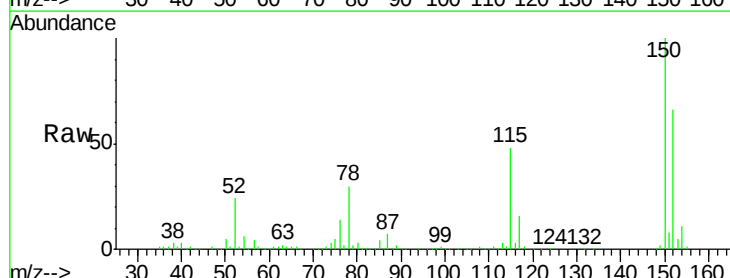
Tgt Ion: 79 Resp: 18861

Ion Ratio Lower Upper

79 100

108 29.2 69.0 103.4#

77 97.7 50.0 75.0#

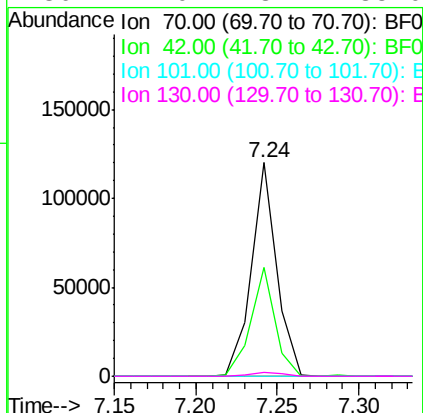
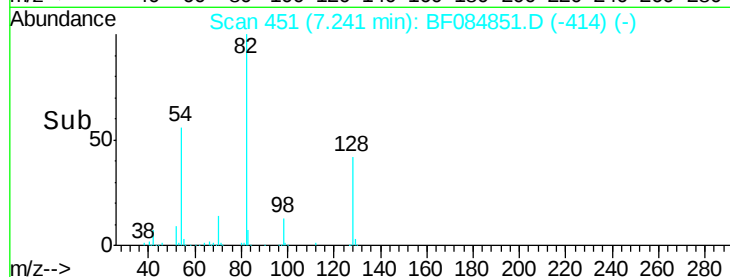
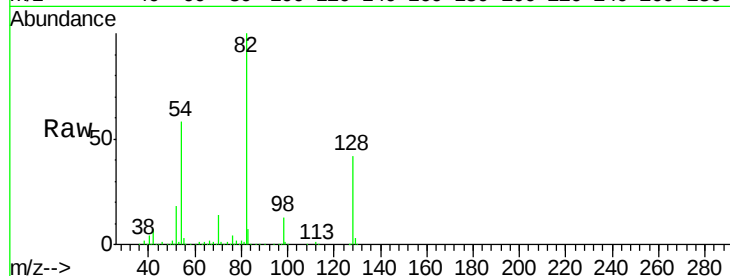




#19
n-Nitroso-di-n-propylamine
Concen: 15.53 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084851.D
Acq: 5 Feb 2016 1:47

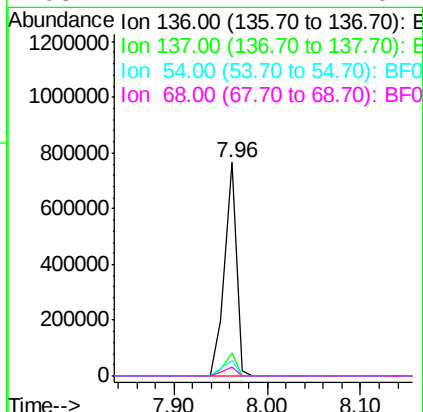
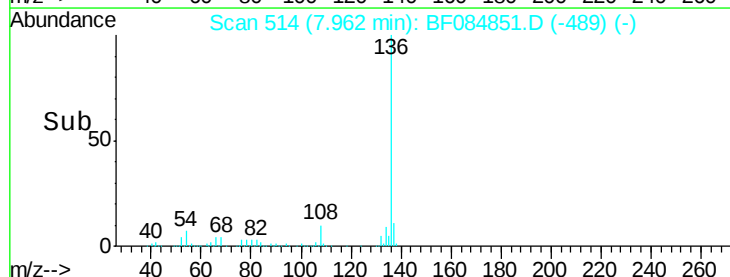
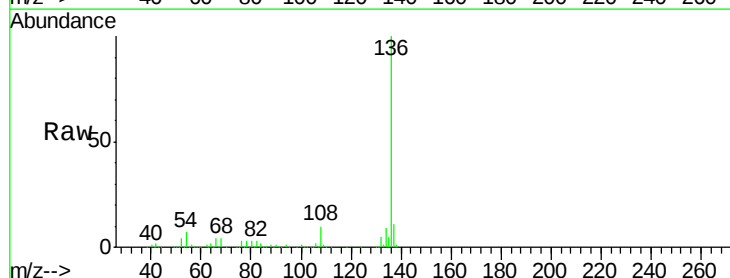
Instrument :
BNA_F
ClientSampleId :
S4-B012(46-48)

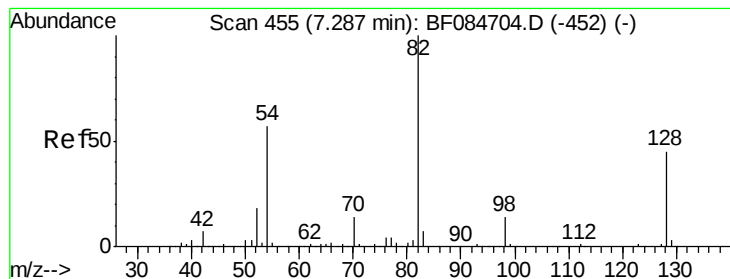
Tgt Ion: 70 Resp: 129076
Ion Ratio Lower Upper
70 100
42 50.7 33.3 49.9#
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084851.D
Acq: 5 Feb 2016 1:47

Tgt Ion: 136 Resp: 679846
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.2 5.8 8.8
68 4.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 80.35 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

Instrument :

BNA_F

ClientSampleId :

S4-B012(46-48)

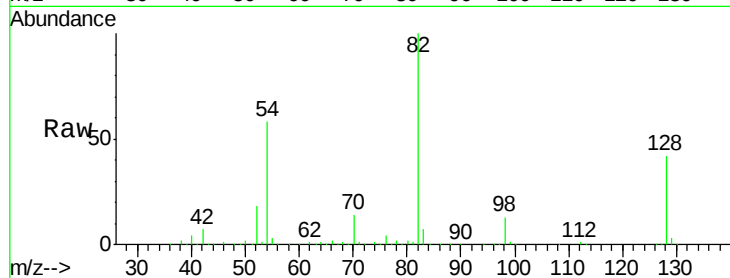
Tgt Ion: 82 Resp: 969651

Ion Ratio Lower Upper

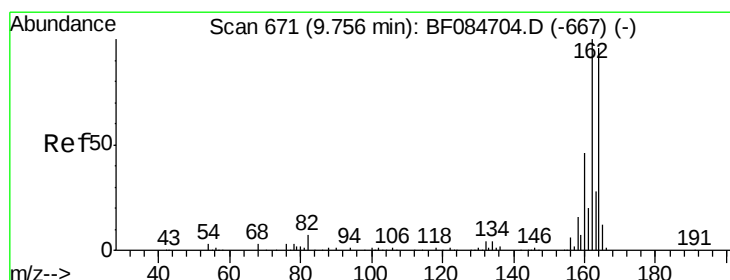
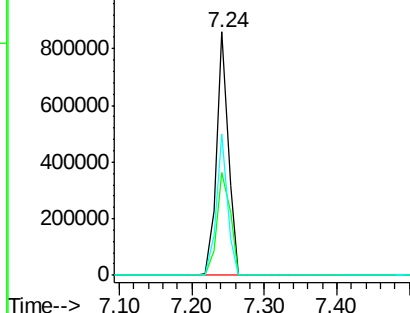
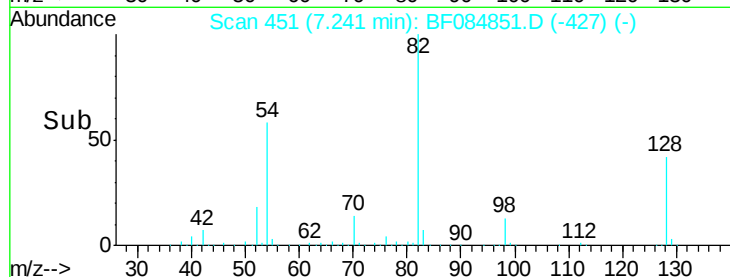
82 100

128 42.2 34.6 51.8

54 58.2 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: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

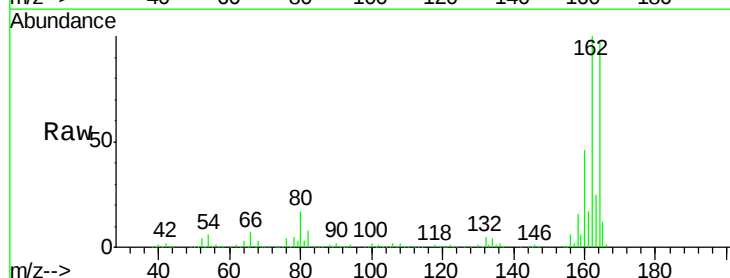
Tgt Ion: 164 Resp: 297410

Ion Ratio Lower Upper

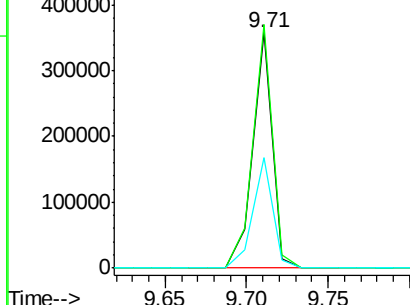
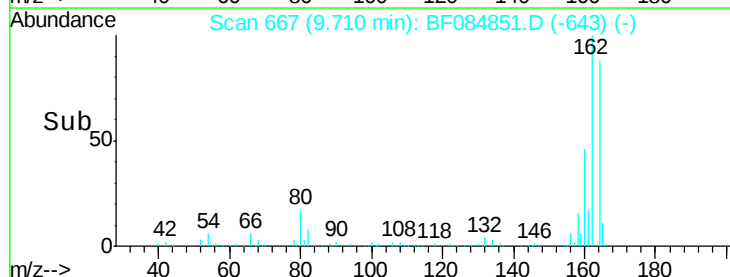
164 100

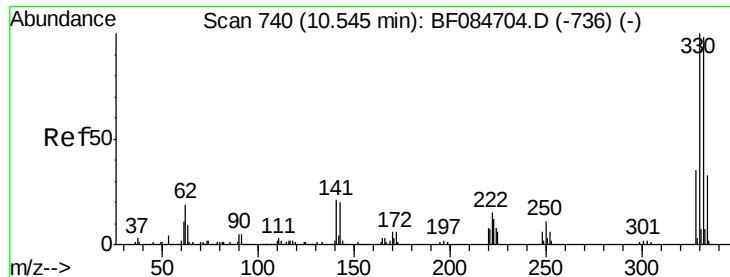
162 103.2 85.1 127.7

160 47.0 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

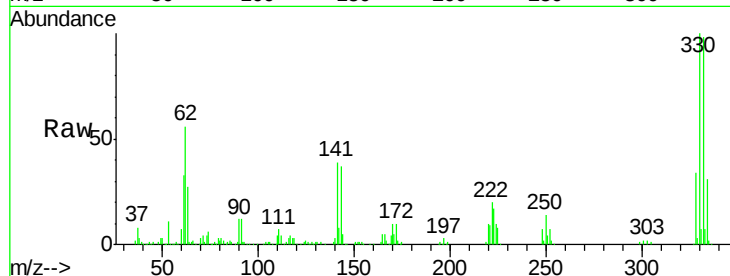




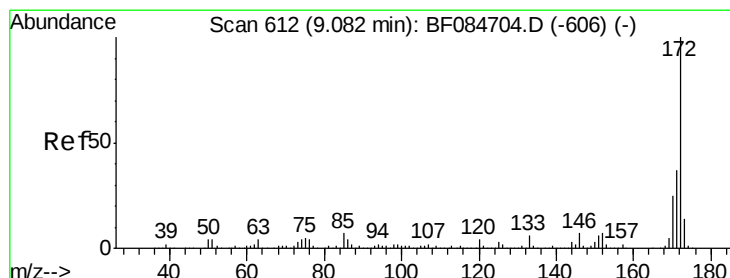
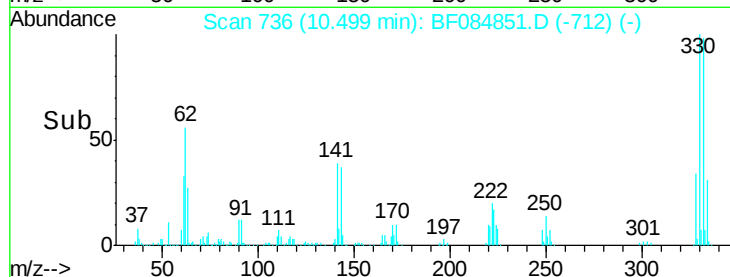
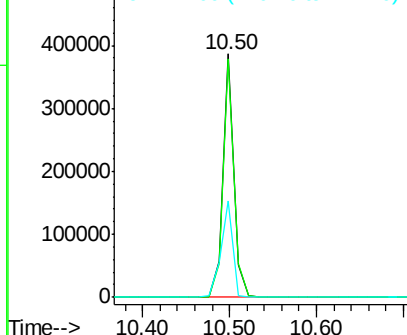
#41
 2,4,6-Tribromophenol
 Concen: 111.73 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084851.D
 Acq: 5 Feb 2016 1:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(46-48)

Tgt Ion:330 Resp: 346612
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 42.4 27.8 41.6#

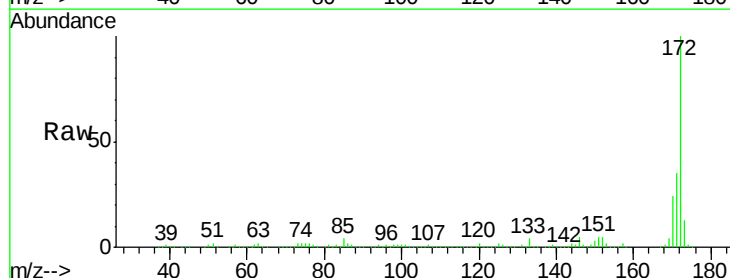


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

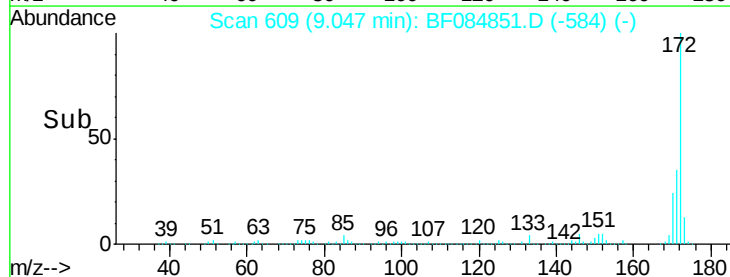
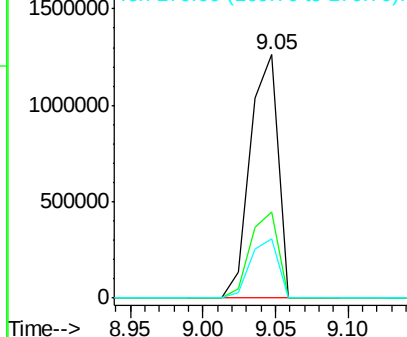


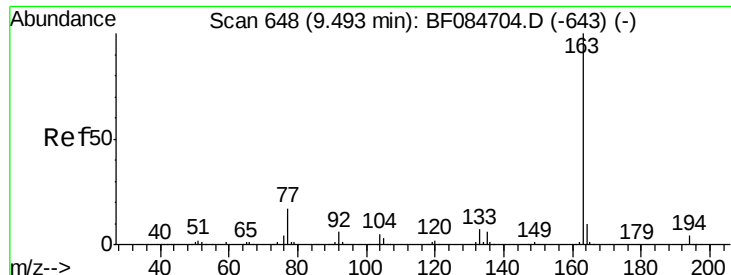
#44
 2-Fluorobiphenyl
 Concen: 101.82 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084851.D
 Acq: 5 Feb 2016 1:47

Tgt Ion:172 Resp: 1679029
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 24.1 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

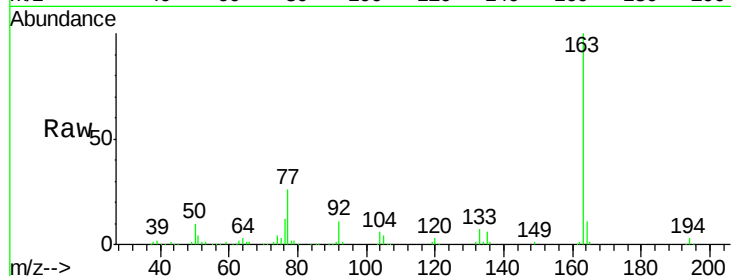




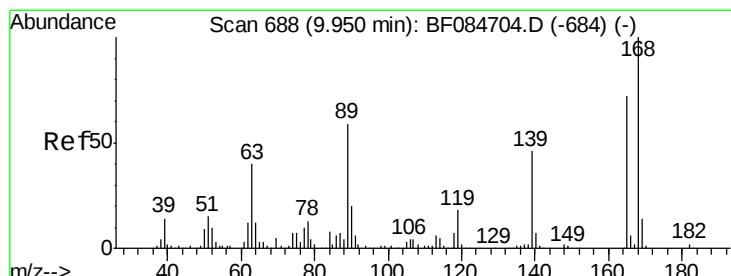
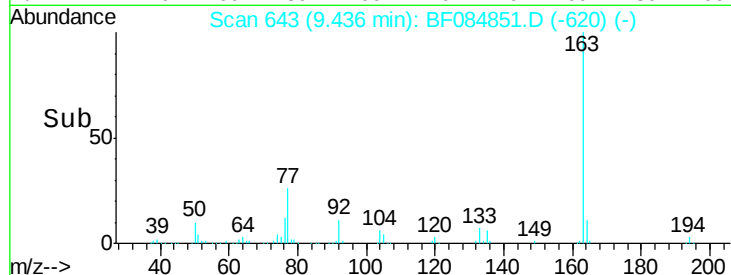
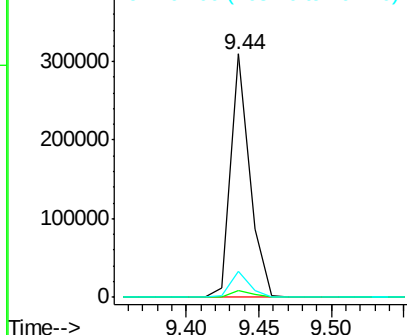
#49
Dimethylphthalate
Concen: 12.43 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084851.D
Acq: 5 Feb 2016 1:47

Instrument :
BNA_F
ClientSampleId :
S4-B012(46-48)

Tgt Ion:163 Resp: 281637
Ion Ratio Lower Upper
163 100
194 2.9 8.0 12.0#
164 10.7 8.0 12.0

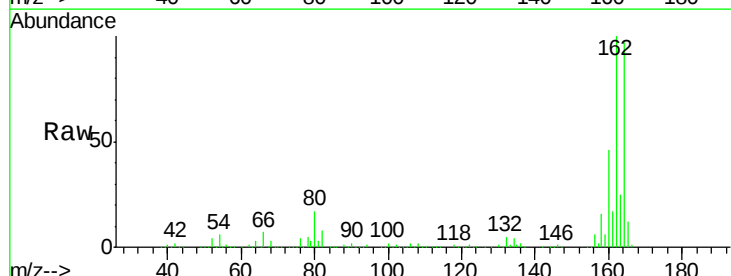


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

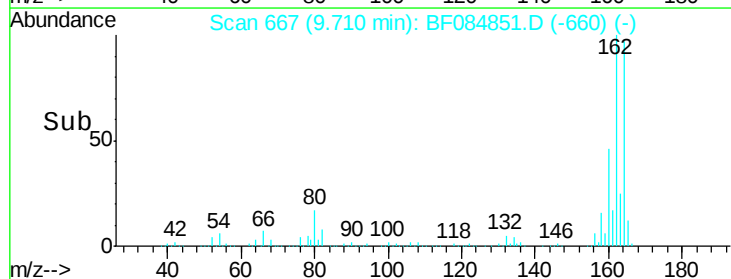
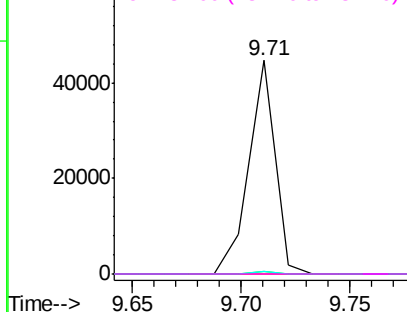


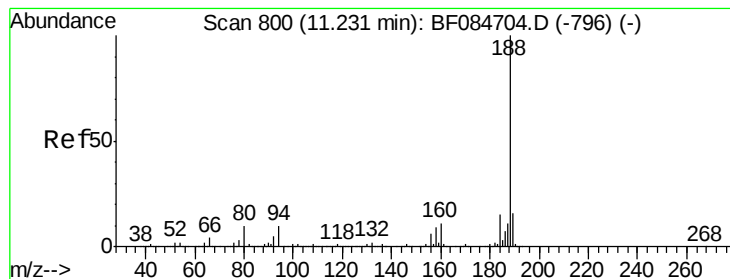
#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.22 min
Lab File: BF084851.D
Acq: 5 Feb 2016 1:47

Tgt Ion:165 Resp: 37541
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.2 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: 11.18 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

Instrument :

BNA_F

ClientSampleId :

S4-B012(46-48)

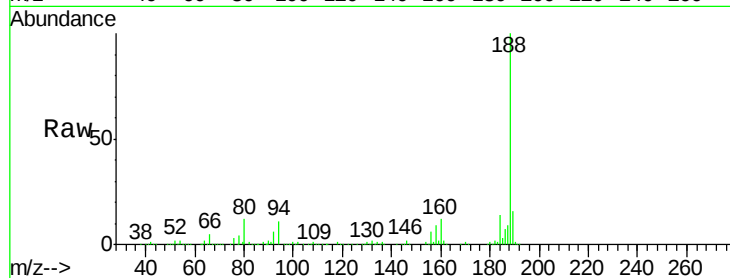
Tgt Ion:188 Resp: 453322

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.4

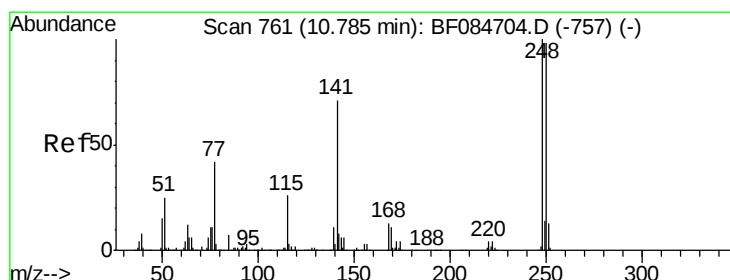
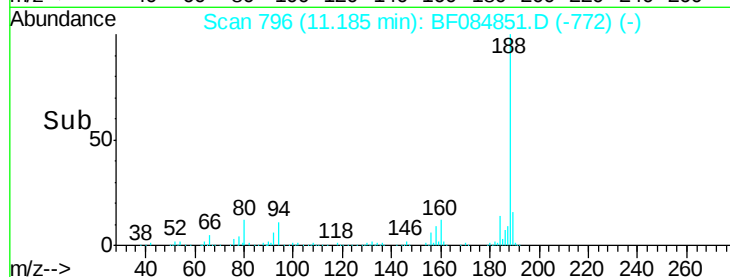
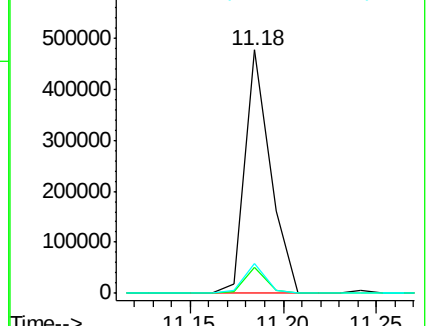
80 12.3 9.6 14.4



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: 4.95 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.26 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

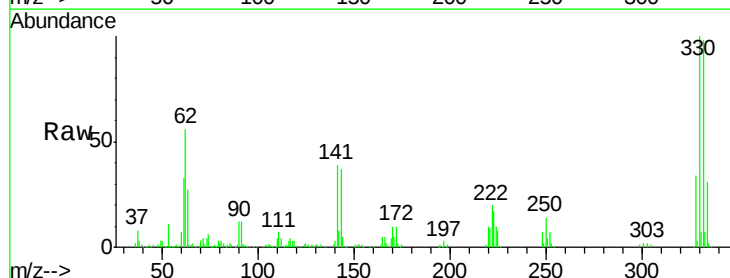
Tgt Ion:248 Resp: 24778

Ion Ratio Lower Upper

248 100

250 185.9 78.4 117.6#

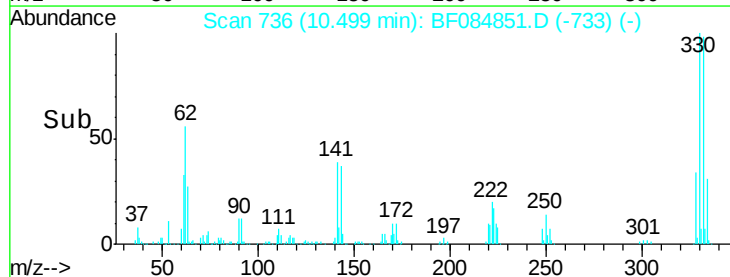
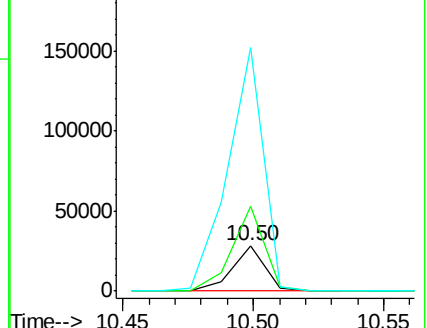
141 535.2 44.0 66.0#

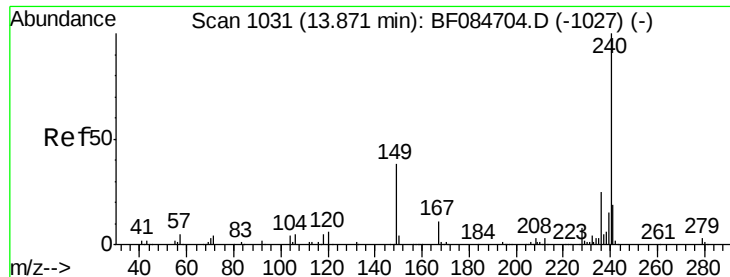


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084851.D

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S4-B012(46-48)

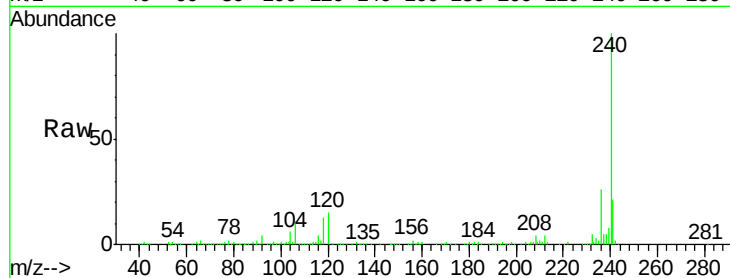
Tgt Ion:240 Resp: 333720

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

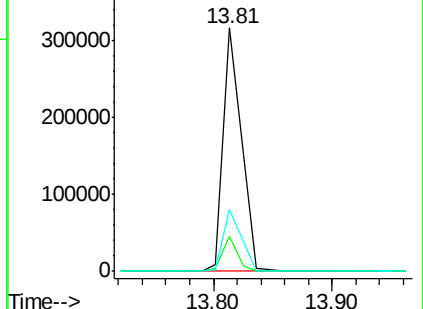
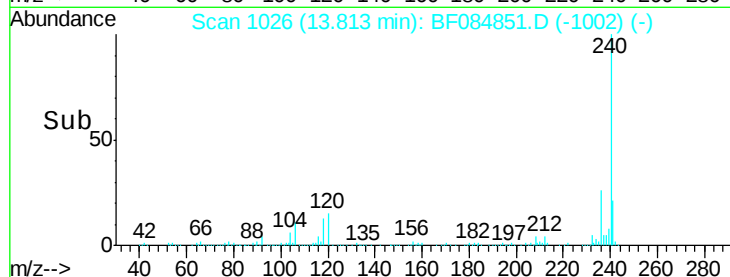
236 25.6 20.6 31.0



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: 76.08 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084851.D

Acq: 5 Feb 2016 1:47

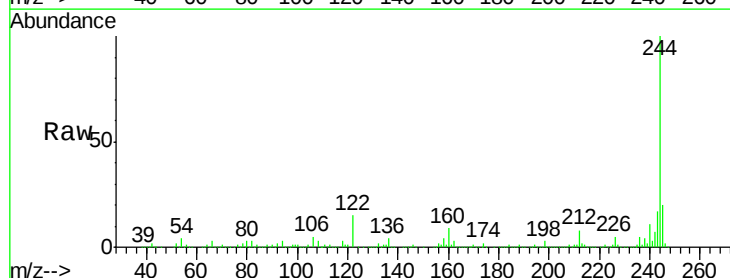
Tgt Ion:244 Resp: 1120504

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

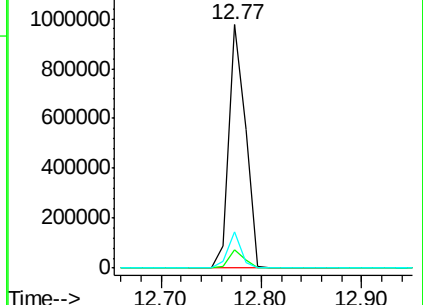
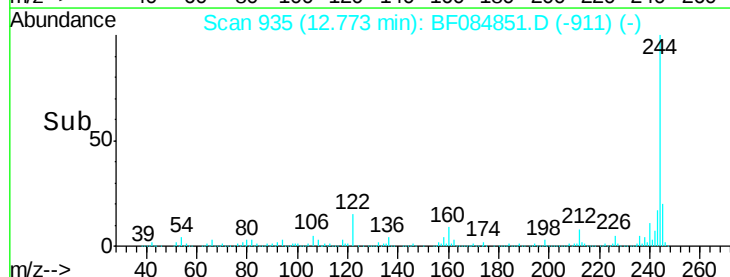
122 14.8 7.4 11.0#

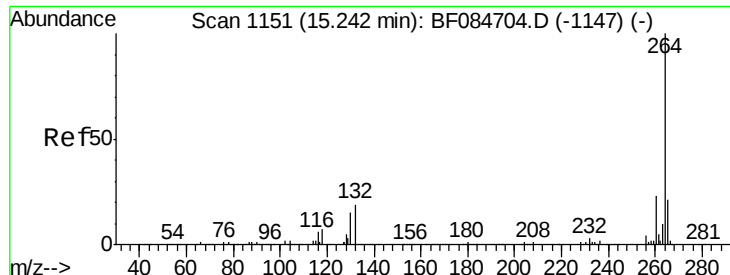


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

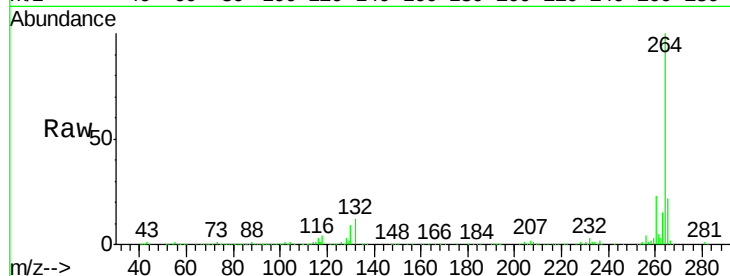




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF084851.D
Acq: 5 Feb 2016 1:47

Instrument :
BNA_F
ClientSampleId :
S4-B012(46-48)

Tgt Ion: 264 Resp: 342610
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.5 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

