

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084816.D
 Acq On : 4 Feb 2016 6:00
 Operator : SJ/IZ
 Sample : H1312-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Feb 04 06:27:21 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

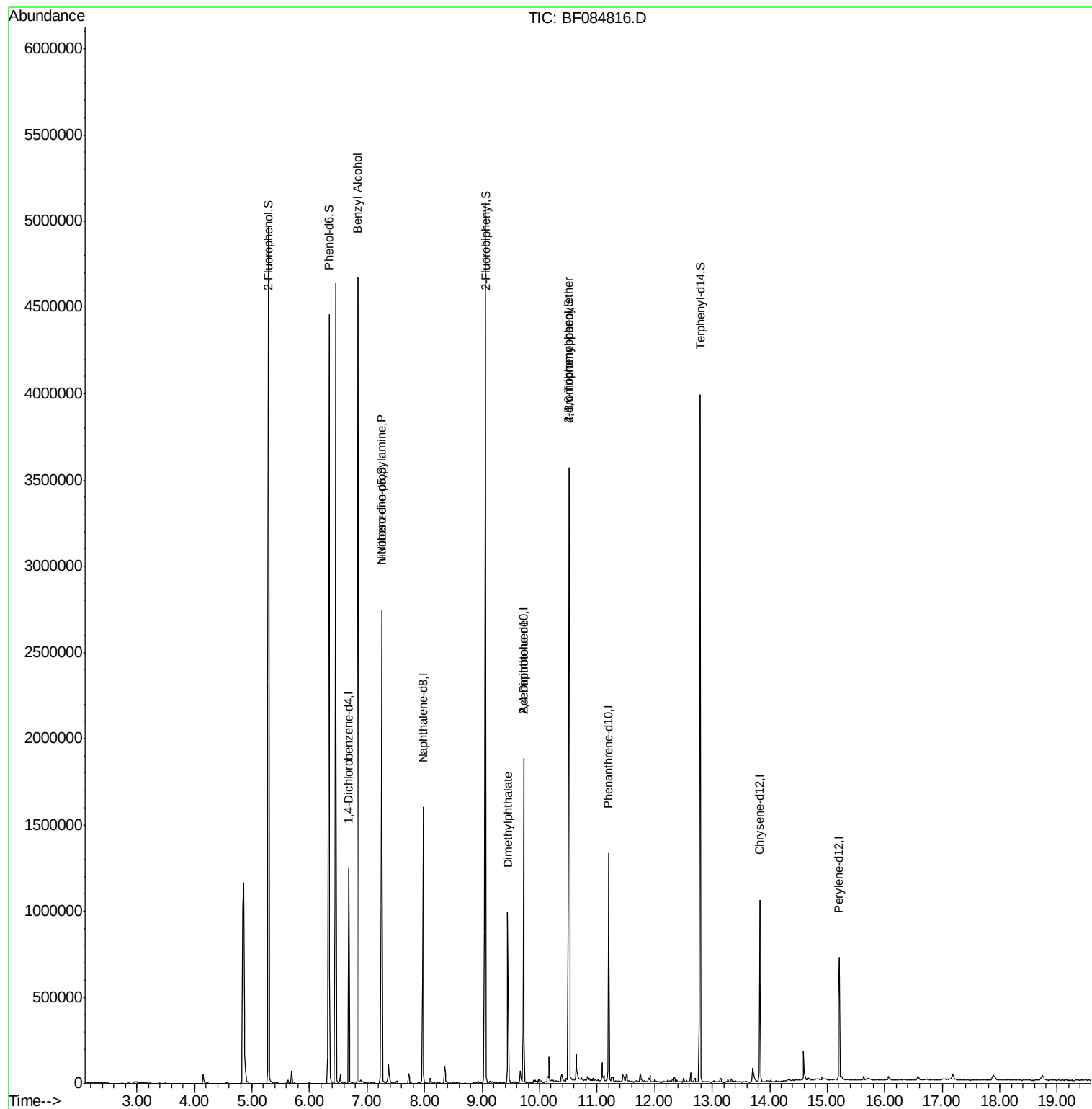
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	175541	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	773654	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	357222	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	611271	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	441307	20.00	ng	-0.01
86) Perylene-d12	15.21	264	341172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1495407	132.69	ng	0.01
7) Phenol-d6	6.34	99	1775384	127.07	ng	0.00
23) Nitrobenzene-d5	7.25	82	1206078	87.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	488203	131.02	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	2183155	118.47	ng	0.00
78) Terphenyl-d14	12.80	244	1744722	89.59	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.84	79	23423	2.43	ng	# 49
19) n-Nitroso-di-n-propylamine	7.25	70	163995	18.73	ng	# 74
49) Dimethylphthalate	9.45	163	473502	17.40	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	45941	6.06	ng	# 22
66) 4-Bromophenyl-phenylether	10.51	248	29595	4.38	ng	# 1

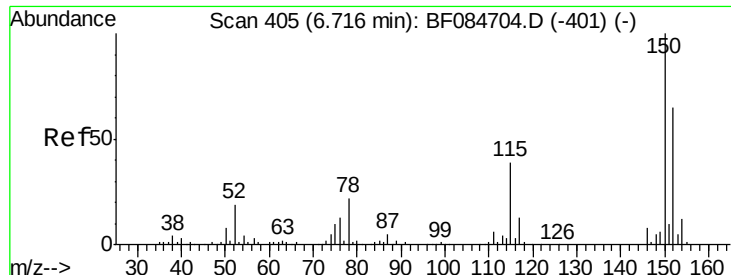
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084816.D

Acq: 4 Feb 2016 6:00

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

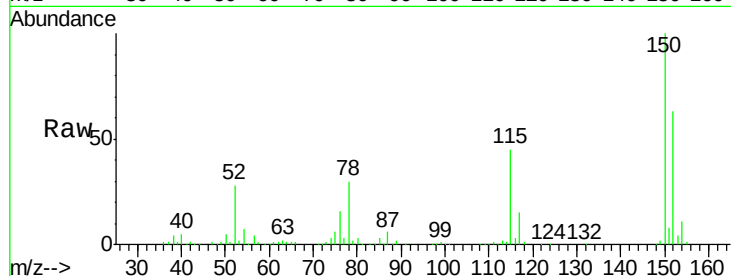
Tgt Ion:152 Resp: 175541

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

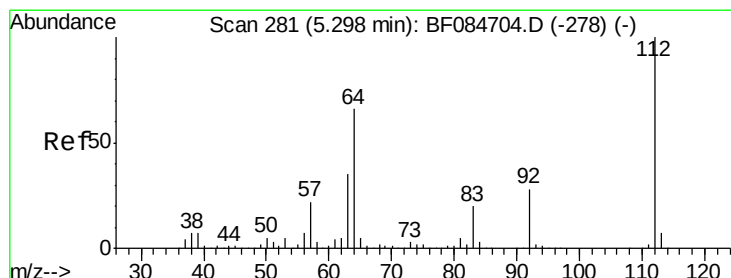
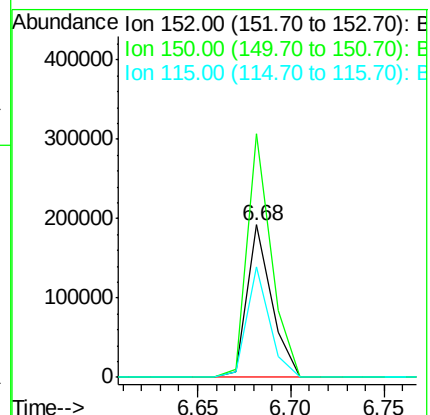
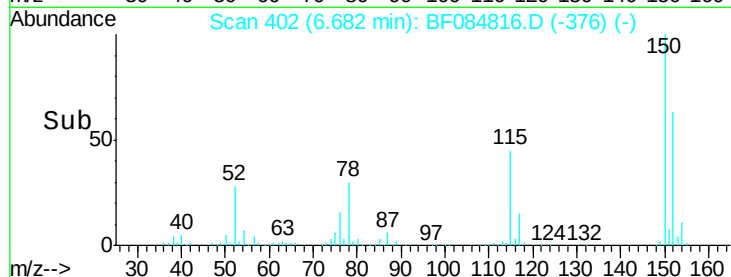
115 72.2 51.4 77.2



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: 132.69 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

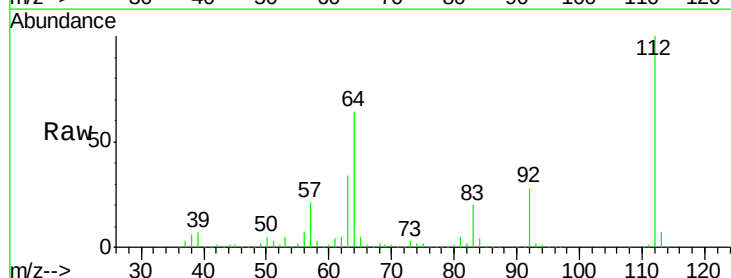
Tgt Ion:112 Resp: 1495407

Ion Ratio Lower Upper

112 100

64 64.5 36.6 55.0#

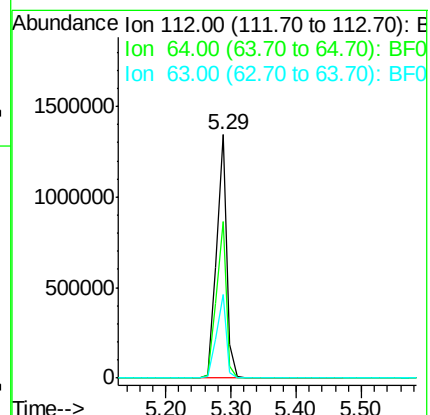
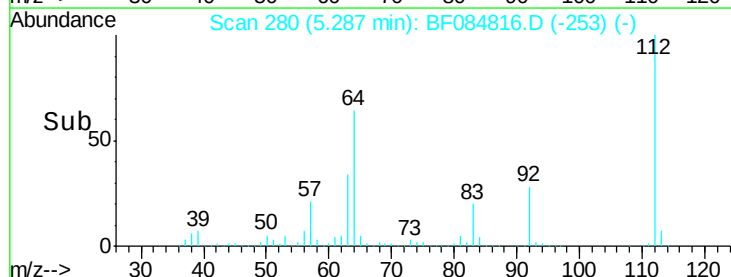
63 34.1 19.4 29.0#

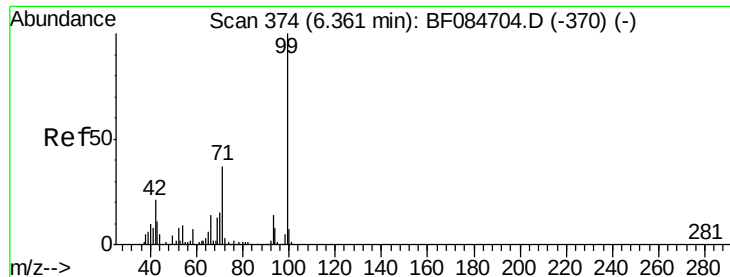


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.07 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

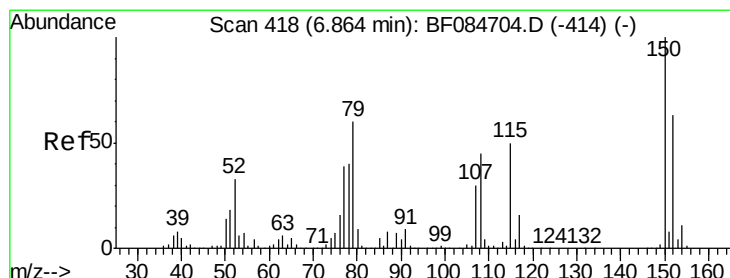
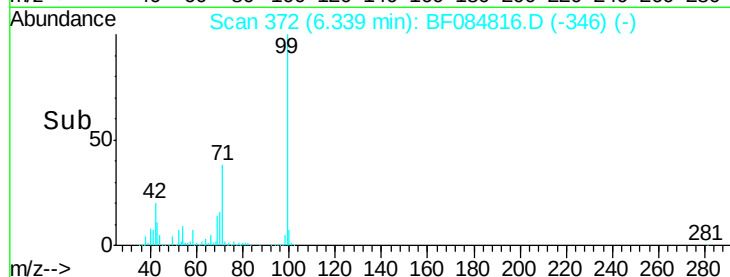
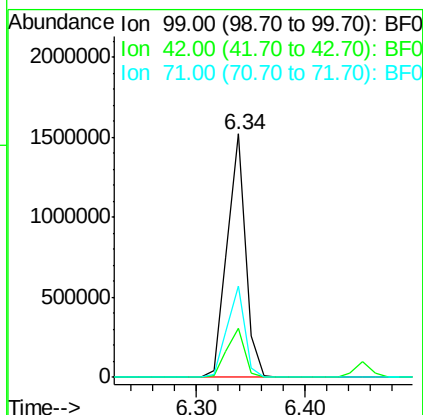
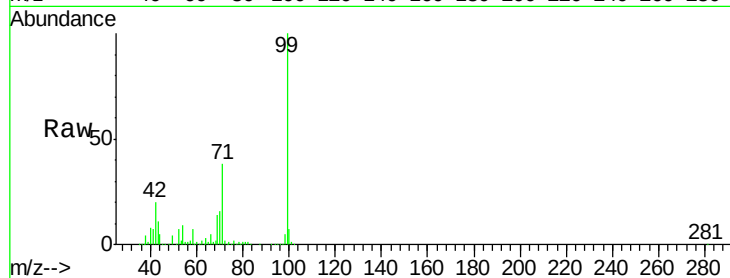
Tgt Ion: 99 Resp: 1775384

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

71 37.7 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.43 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

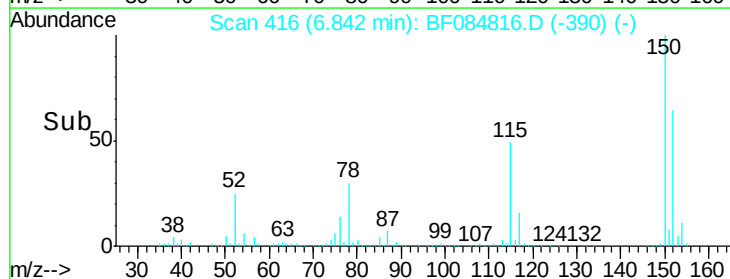
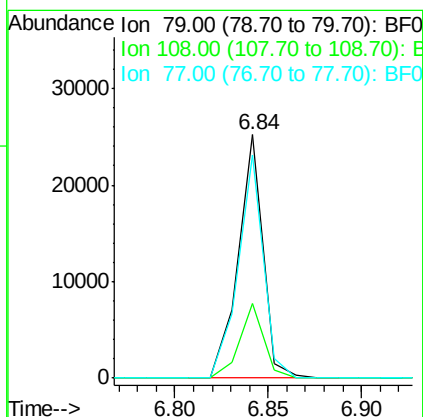
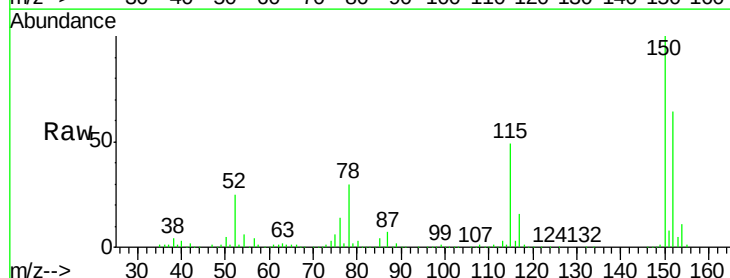
Tgt Ion: 79 Resp: 23423

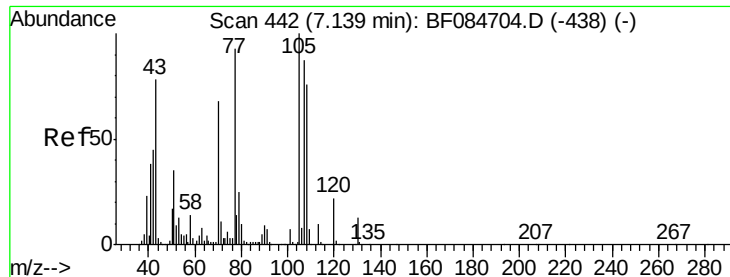
Ion Ratio Lower Upper

79 100

108 30.5 69.0 103.4#

77 91.9 50.0 75.0#

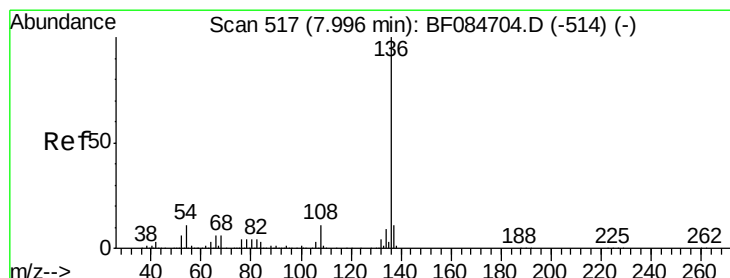
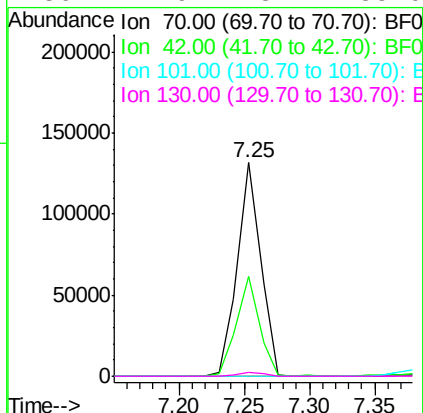
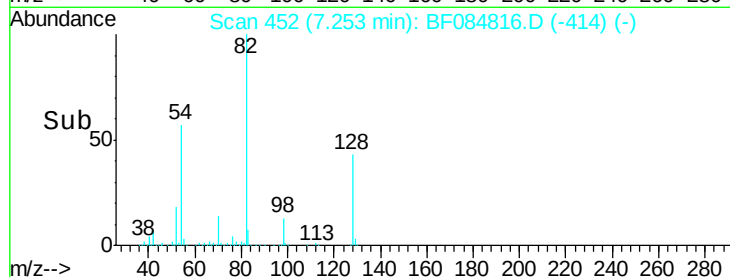
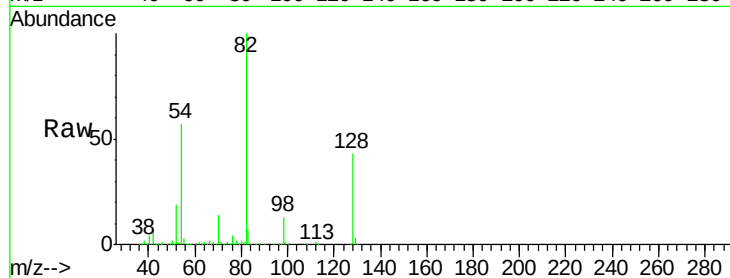




#19
n-Nitroso-di-n-propylamine
Concen: 18.73 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.14 min
Lab File: BF084816.D
Acq: 4 Feb 2016 6:00

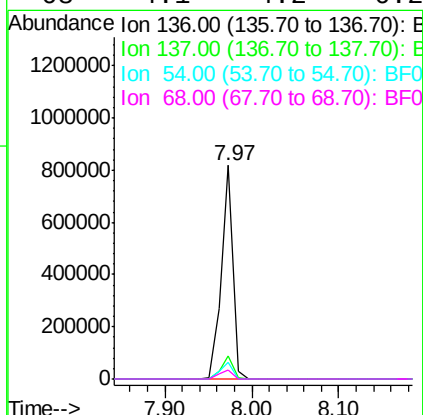
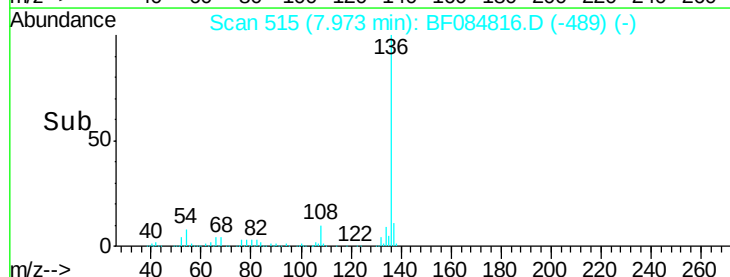
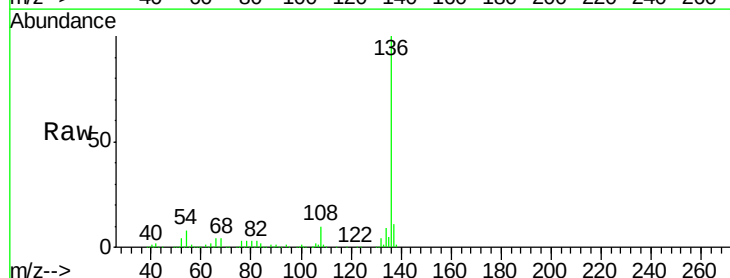
Instrument :
BNA_F
ClientSampleId :
SUP-B012(46-48)

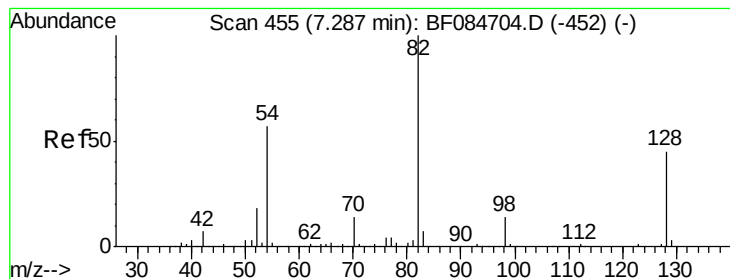
Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.6	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084816.D
Acq: 4 Feb 2016 6:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.6	5.8	8.8
68	4.1	4.2	6.2#





#23

Nitrobenzene-d5

Concen: 87.82 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

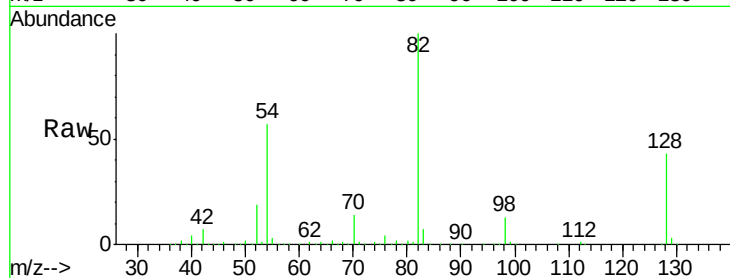
Tgt Ion: 82 Resp: 1206078

Ion Ratio Lower Upper

82 100

128 42.7 34.6 51.8

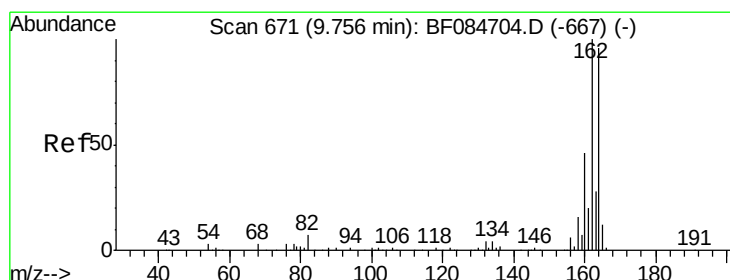
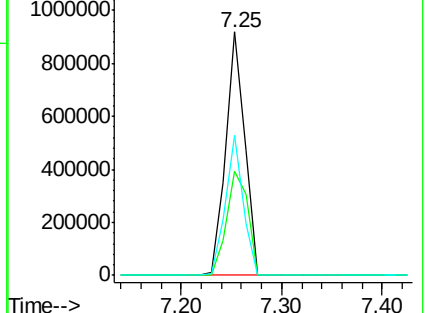
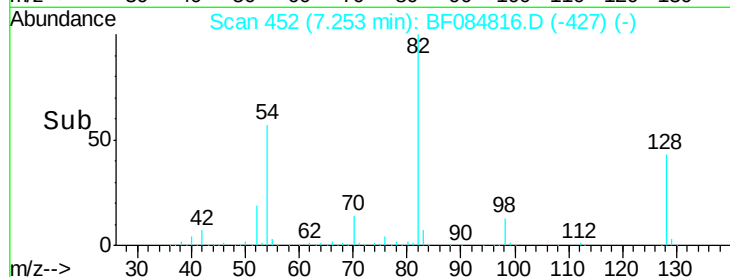
54 57.4 38.4 57.6



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: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

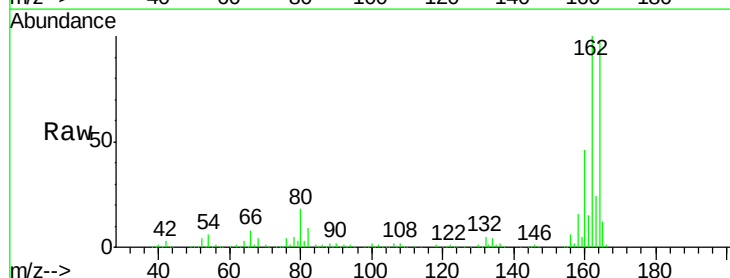
Tgt Ion: 164 Resp: 357222

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

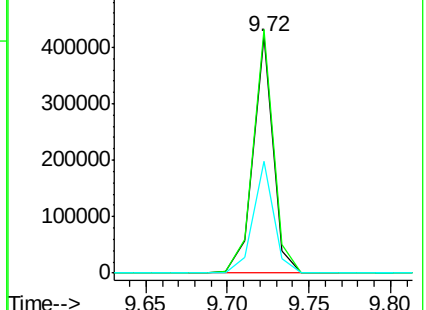
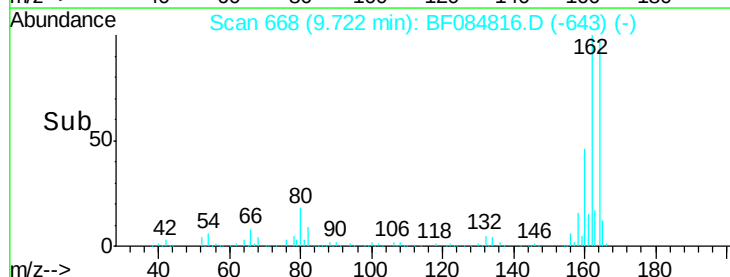
160 47.0 37.5 56.3

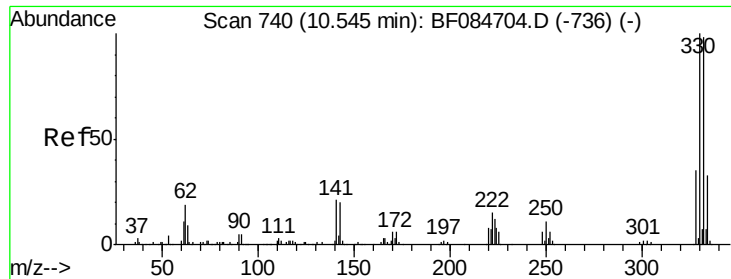


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

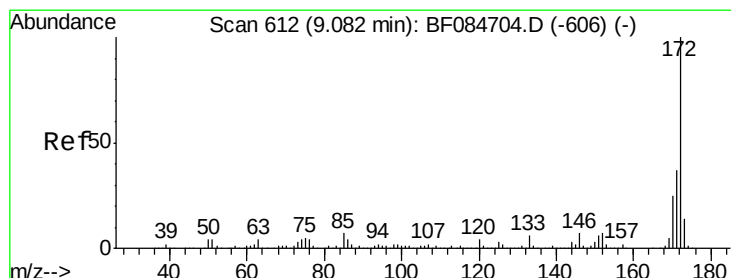
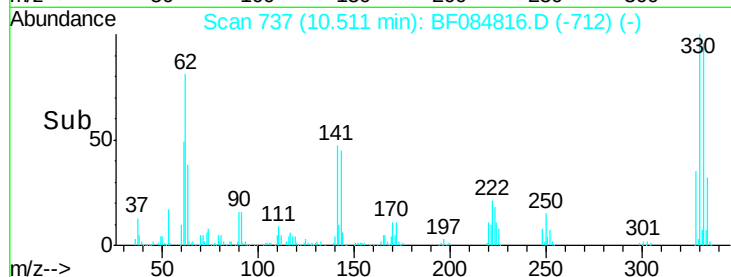
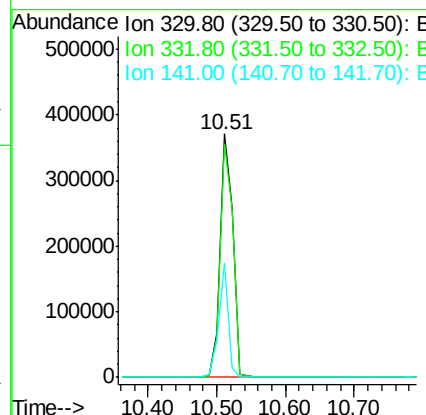
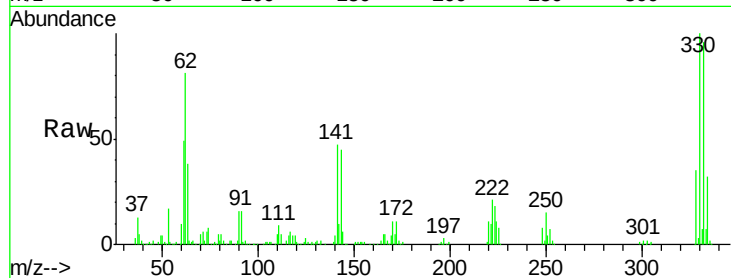




#41
 2,4,6-Tribromophenol
 Concen: 131.02 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084816.D
 Acq: 4 Feb 2016 6:00

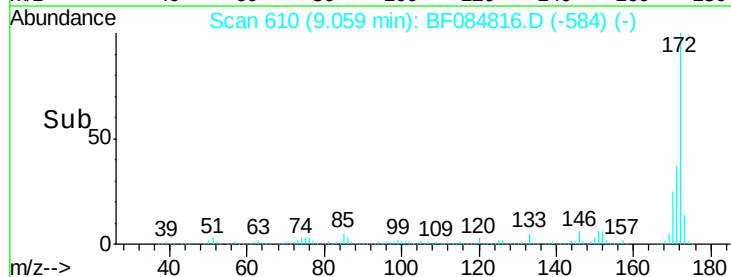
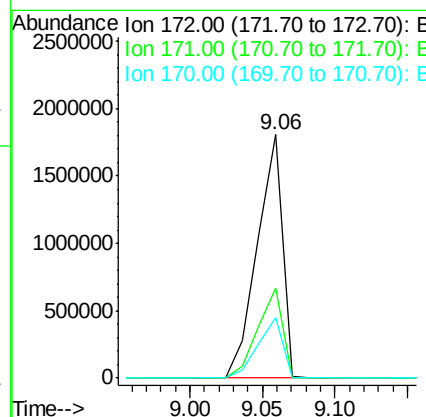
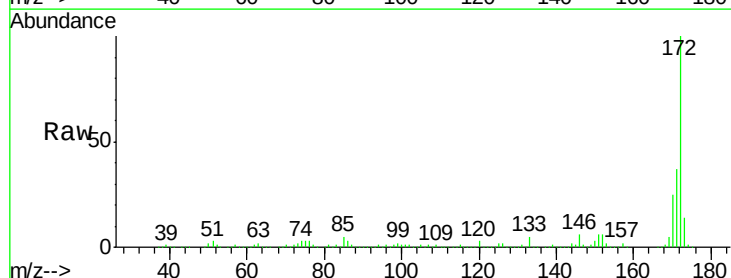
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B012(46-48)

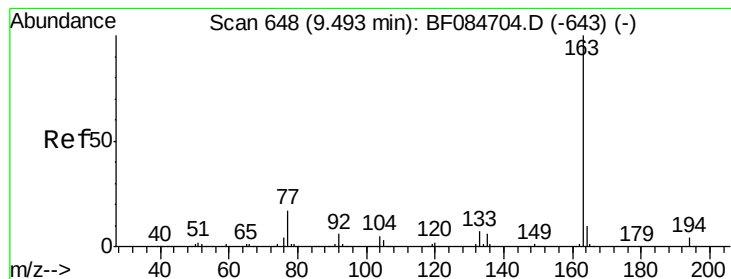
Tgt Ion:330 Resp: 488203
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 35.3 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 118.47 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084816.D
 Acq: 4 Feb 2016 6:00

Tgt Ion:172 Resp: 2183155
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.9 18.6 27.8





#49

Dimethylphthalate

Concen: 17.40 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

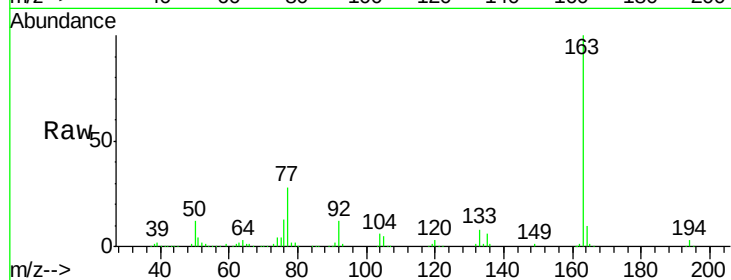
Tgt Ion:163 Resp: 473502

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

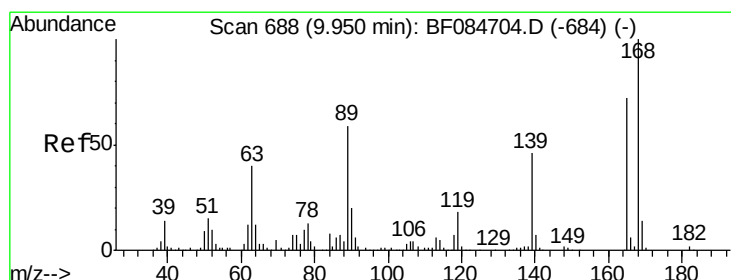
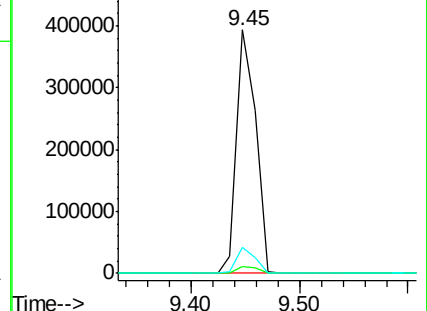
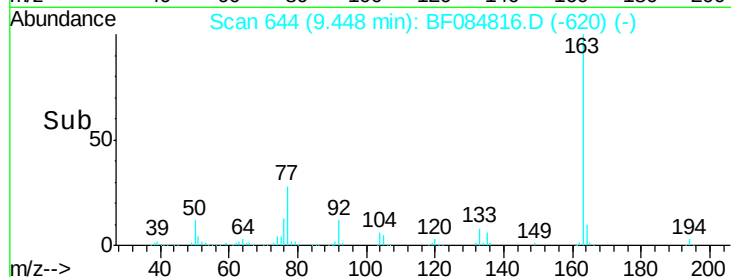
164 10.5 8.0 12.0



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: 6.06 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

Tgt Ion:165 Resp: 45941

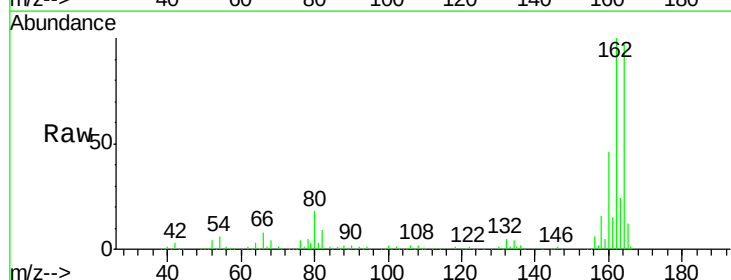
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 1.7 61.9 92.9#

182 0.0 2.0 3.0#

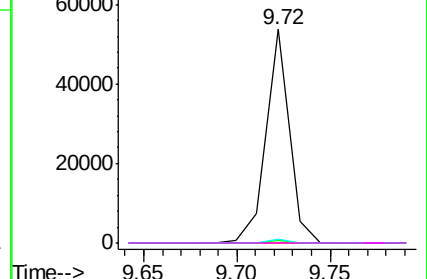
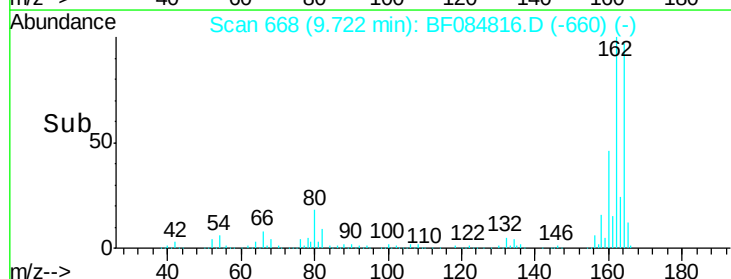


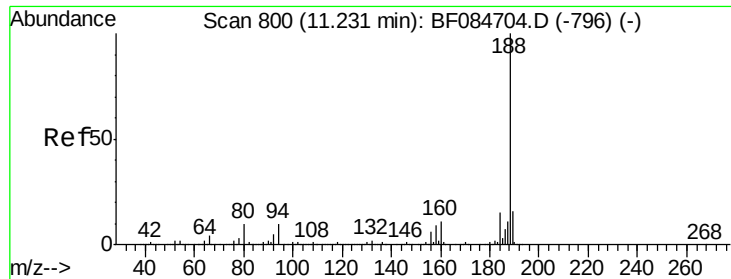
Abundance Ion 165.00 (164.70 to 165.70): E

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

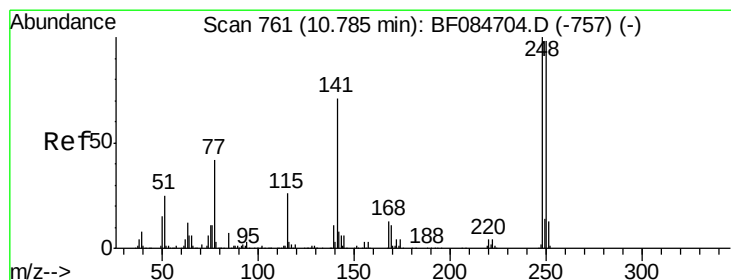
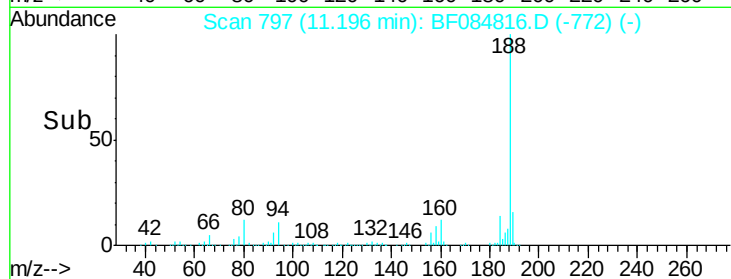
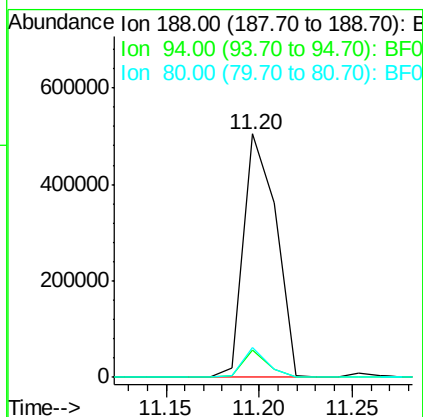
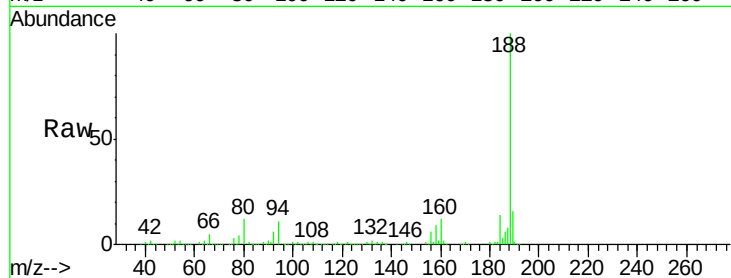




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084816.D
Acq: 4 Feb 2016 6:00

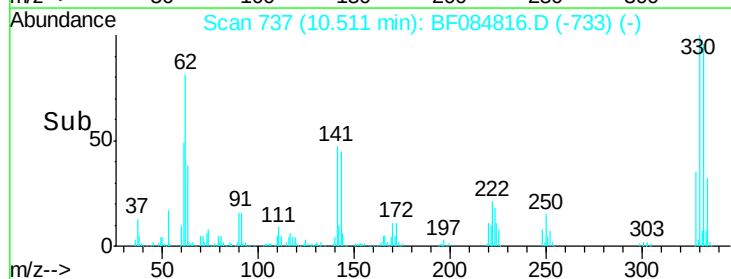
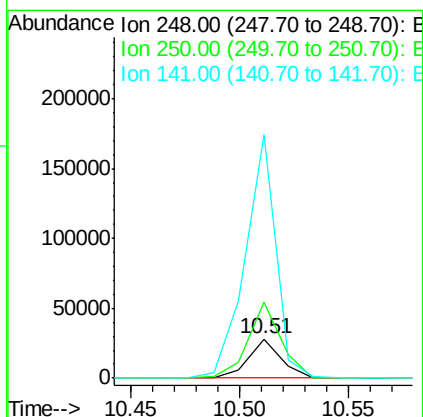
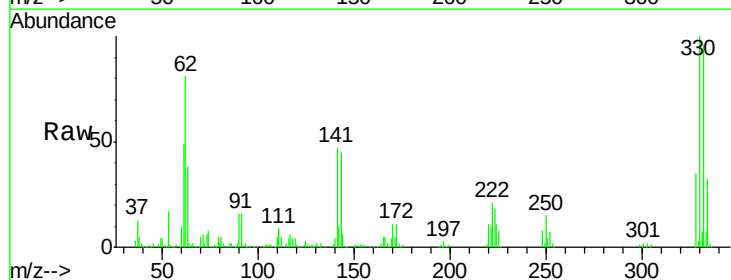
Instrument :
BNA_F
ClientSampleId :
SUP-B012(46-48)

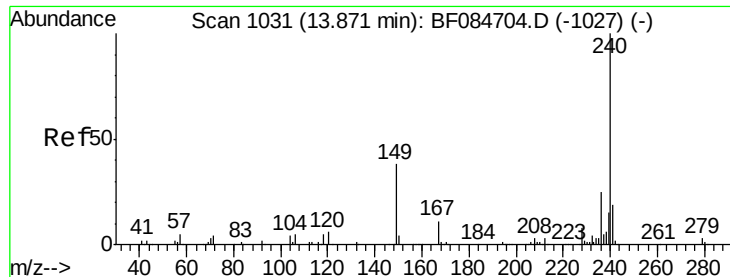
Tgt Ion:188 Resp: 611271
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.4
80 12.2 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 4.38 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084816.D
Acq: 4 Feb 2016 6:00

Tgt Ion:248 Resp: 29595
Ion Ratio Lower Upper
248 100
250 192.3 78.4 117.6#
141 620.1 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: BF084816.D

Acq: 4 Feb 2016 6:00

Instrument :

BNA_F

ClientSampleId :

SUP-B012(46-48)

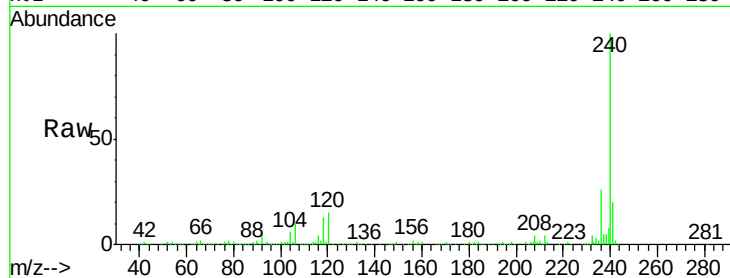
Tgt Ion:240 Resp: 441307

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

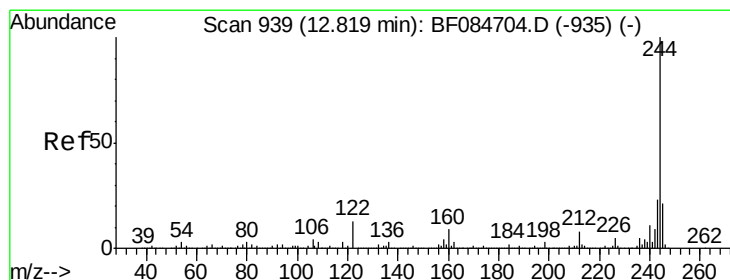
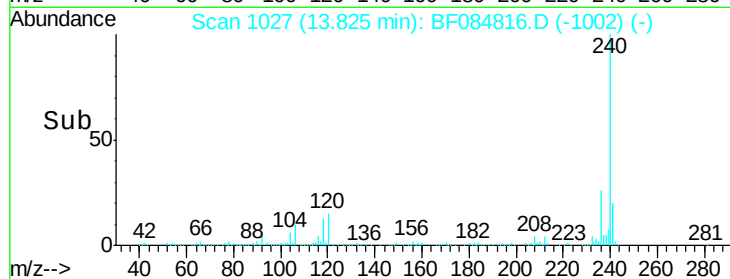
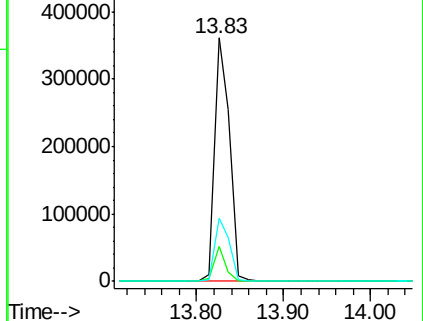
236 26.2 20.6 31.0



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: 89.59 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084816.D

Acq: 4 Feb 2016 6:00

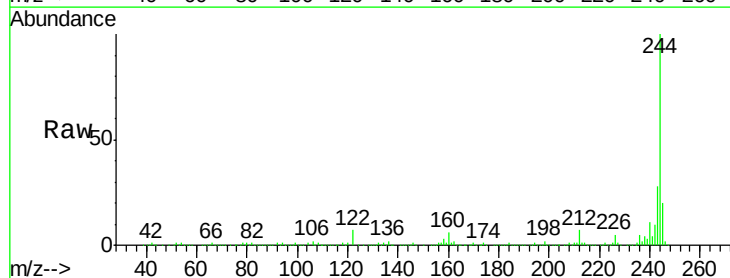
Tgt Ion:244 Resp: 1744722

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

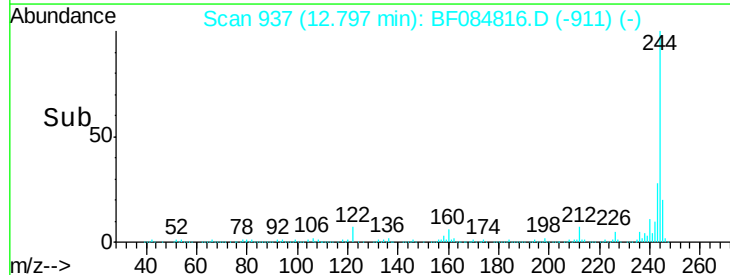
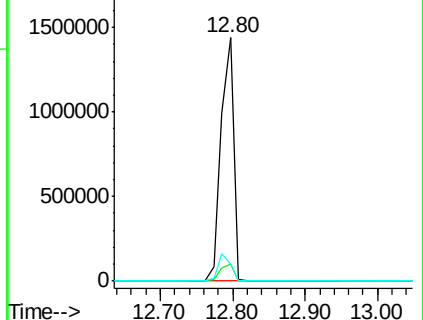
122 6.9 7.4 11.0#

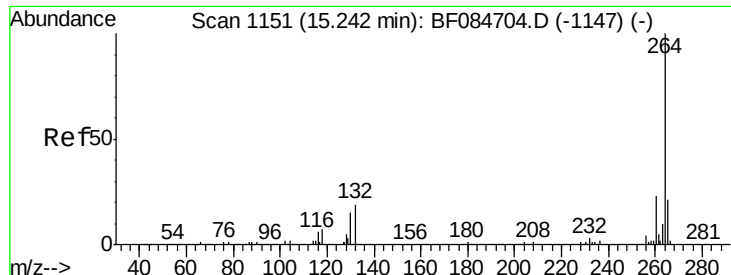


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

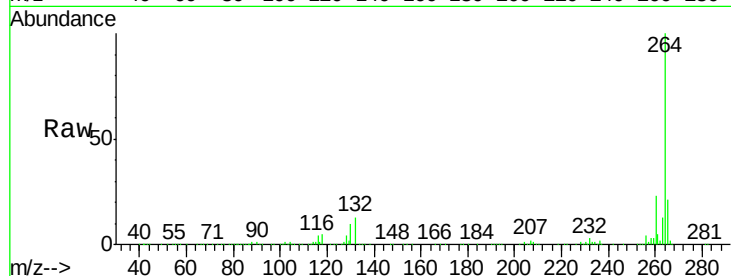




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084816.D
Acq: 4 Feb 2016 6:00

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

Tgt Ion: 264 Resp: 341172
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.2
265 21.3 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

