

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084868.D
 Acq On : 5 Feb 2016 19:10
 Operator : SJ/IZ
 Sample : H1311-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(35-37)

Quant Time: Feb 05 22:20:54 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

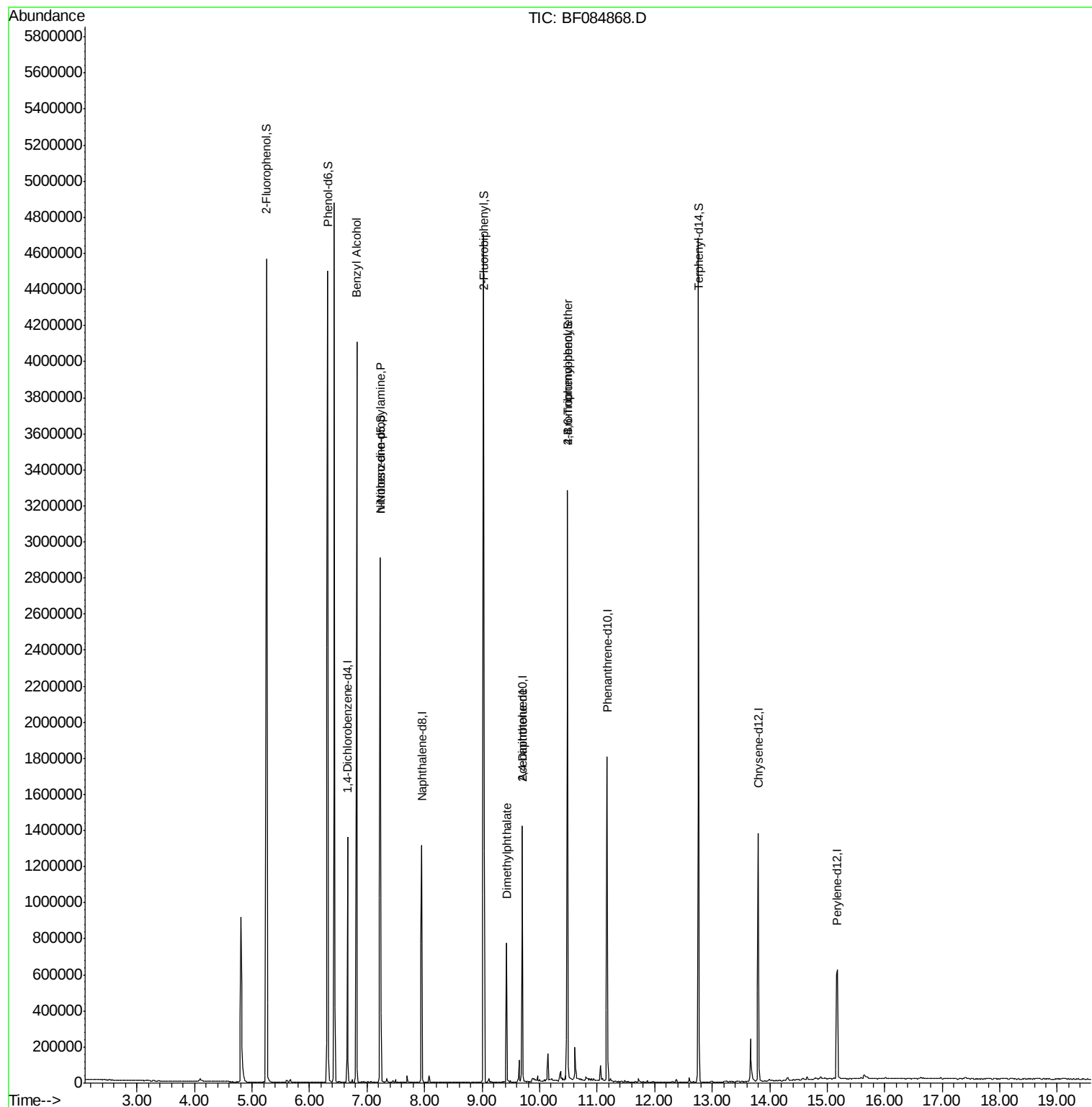
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181413	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	729163	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	340740	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	628084	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	501744	20.00	ng	-0.03
86) Perylene-d12	15.17	264	342358	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1342709	115.28	ng	-0.02
7) Phenol-d6	6.32	99	1695797	117.45	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1003151	77.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	485716	136.66	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1609503	77.10	ng	-0.03
78) Terphenyl-d14	12.76	244	1431380	64.65	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	19983	2.00	ng	# 45
19) n-Nitroso-di-n-propylamine	7.23	70	138815	15.34	ng	# 71
49) Dimethylphthalate	9.42	163	276982	10.67	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	43061	5.95	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	32779	4.73	ng	# 1

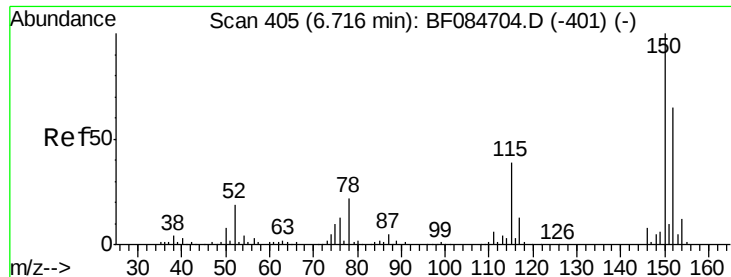
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SUP-B018(35-37)

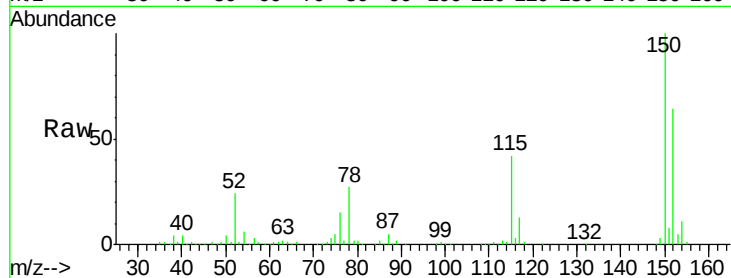
Tgt Ion:152 Resp: 181413

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

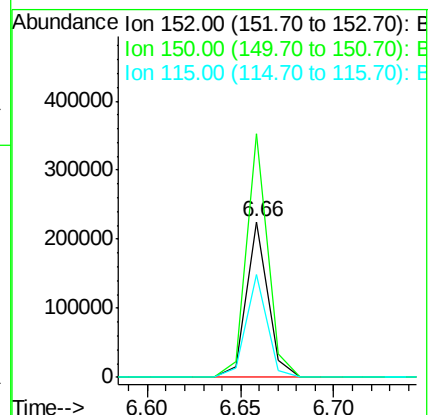
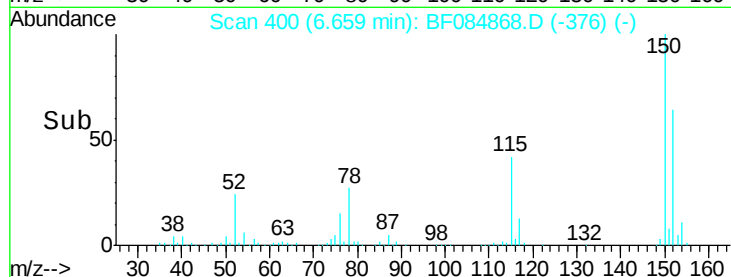
115 66.0 51.4 77.2



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: 115.28 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

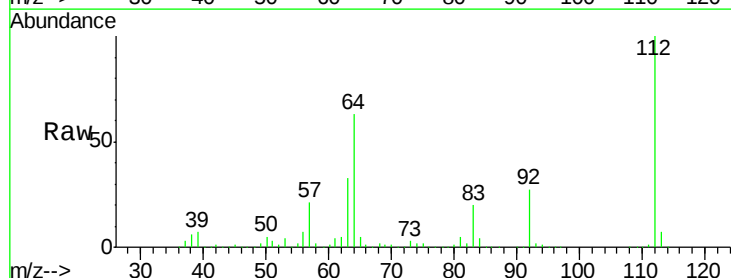
Tgt Ion:112 Resp: 1342709

Ion Ratio Lower Upper

112 100

64 63.5 36.6 55.0#

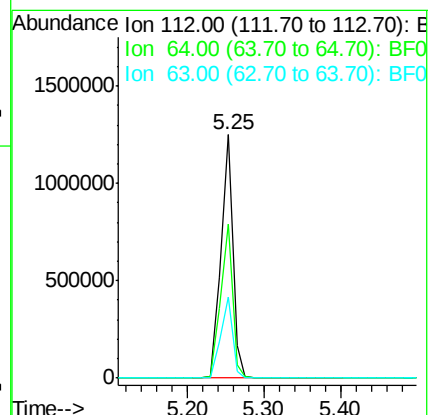
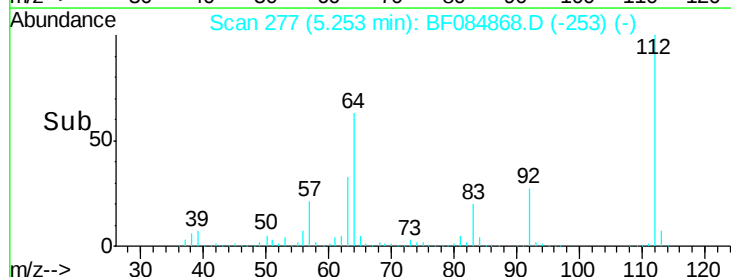
63 33.1 19.4 29.0#



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: 117.45 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SUP-B018(35-37)

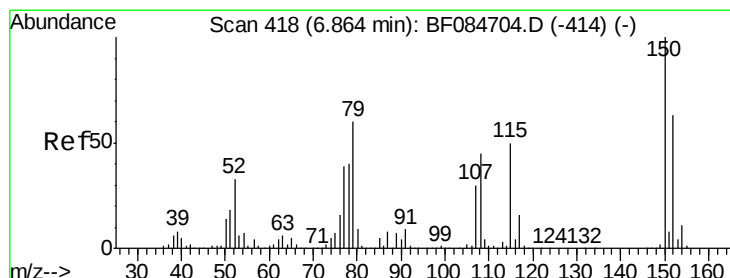
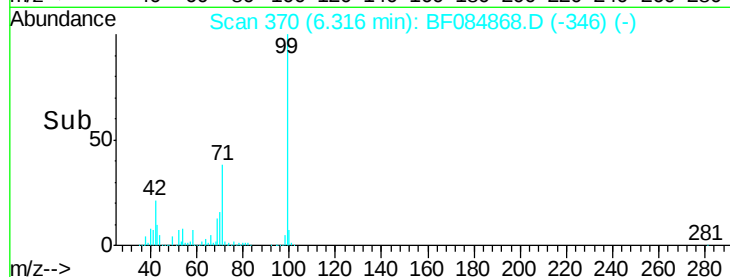
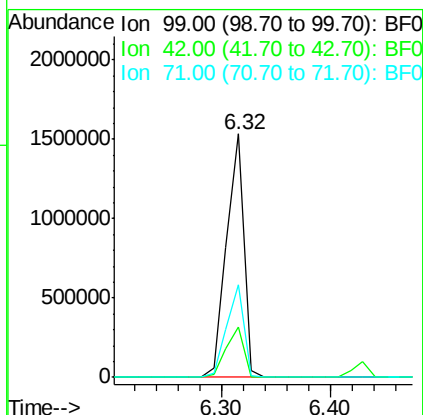
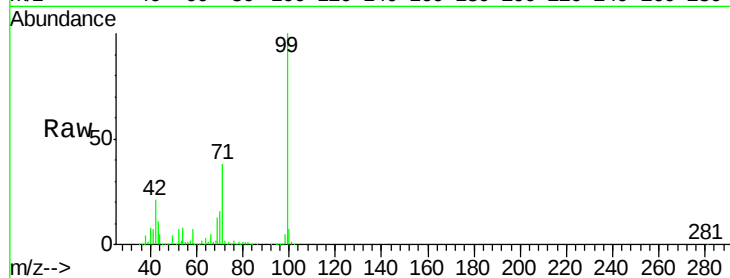
Tgt Ion: 99 Resp: 1695797

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

71 37.8 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

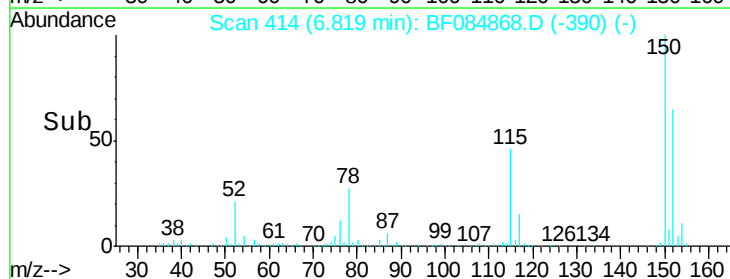
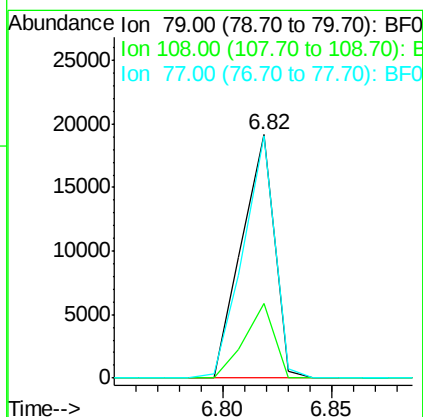
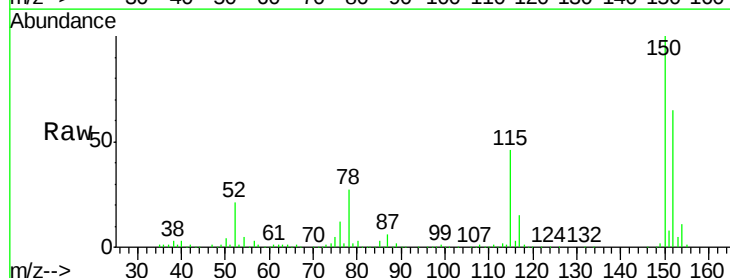
Tgt Ion: 79 Resp: 19983

Ion Ratio Lower Upper

79 100

108 30.5 69.0 103.4#

77 99.5 50.0 75.0#

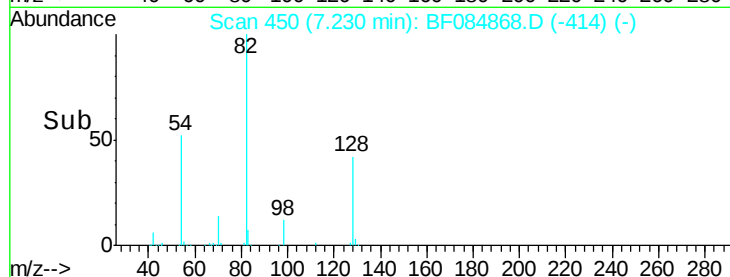
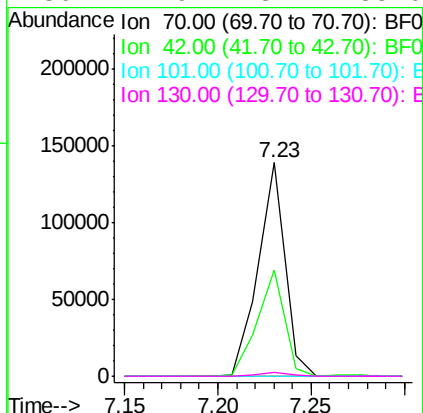
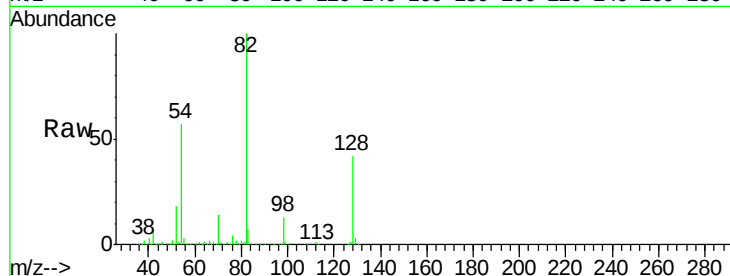




#19
n-Nitroso-di-n-propylamine
Concen: 15.34 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084868.D
Acq: 5 Feb 2016 19:10

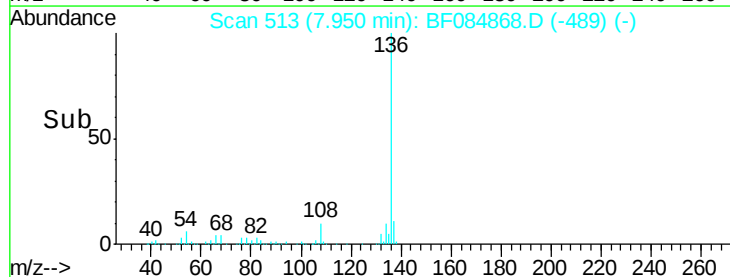
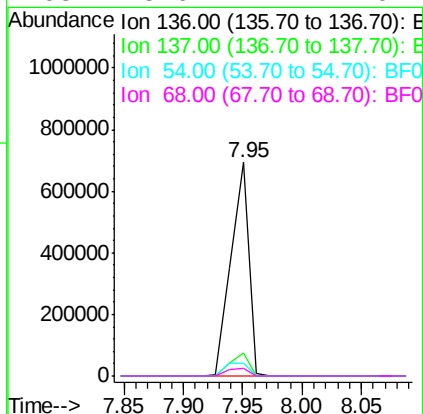
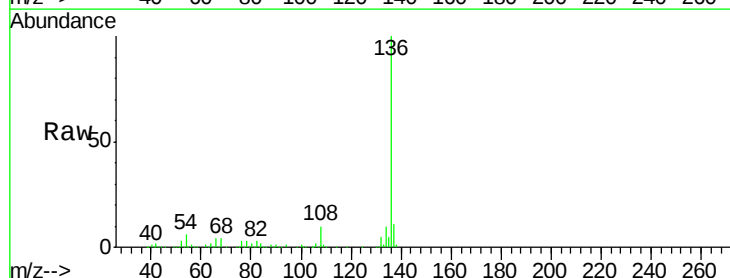
Instrument :
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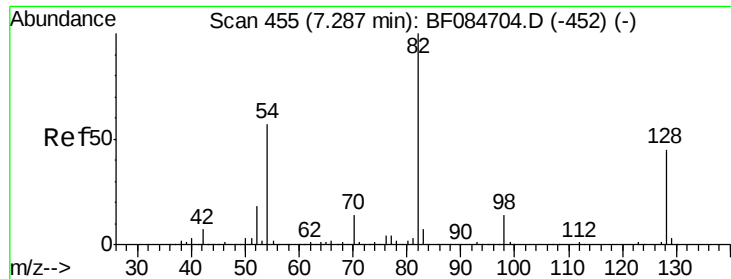
Tgt Ion: 70 Resp: 138815
Ion Ratio Lower Upper
70 100
42 49.5 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084868.D
Acq: 5 Feb 2016 19:10

Tgt Ion:136 Resp: 729163
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.3 5.8 8.8
68 3.6 4.2 6.2#

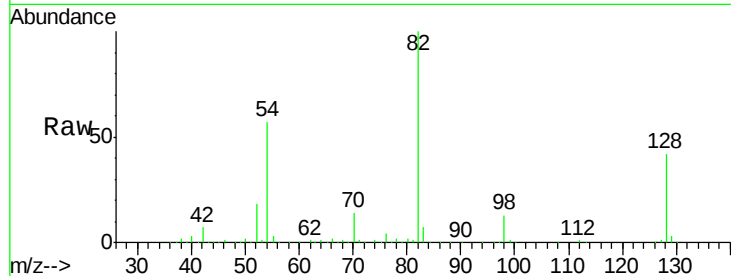




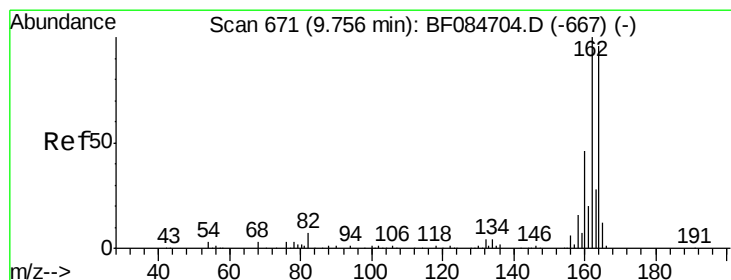
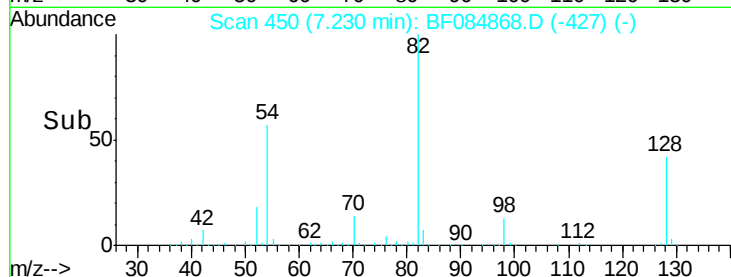
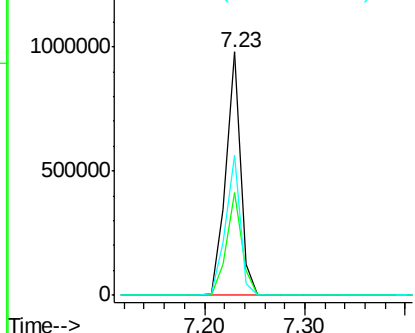
#23
 Nitrobenzene-d5
 Concen: 77.50 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084868.D
 Acq: 5 Feb 2016 19:10

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(35-37)

Tgt Ion: 82 Resp: 1003151
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 51.8
 54 57.5 38.4 57.6

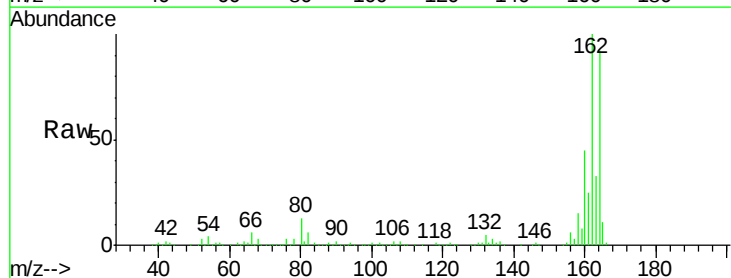


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

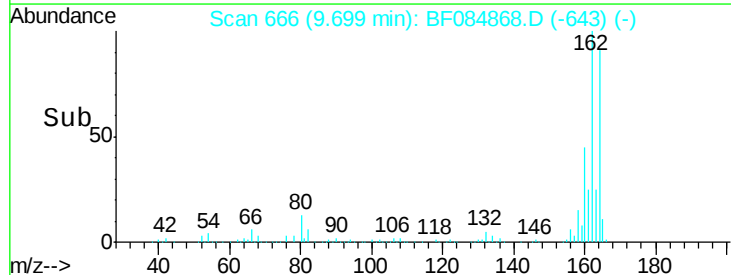
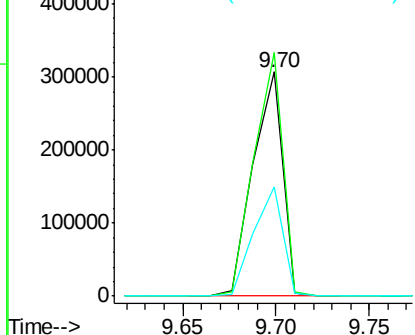


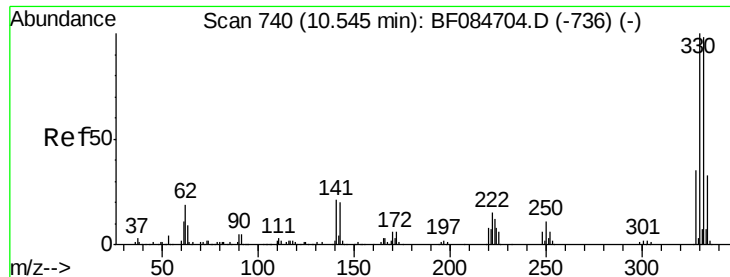
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084868.D
 Acq: 5 Feb 2016 19:10

Tgt Ion: 164 Resp: 340740
 Ion Ratio Lower Upper
 164 100
 162 108.5 85.1 127.7
 160 48.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

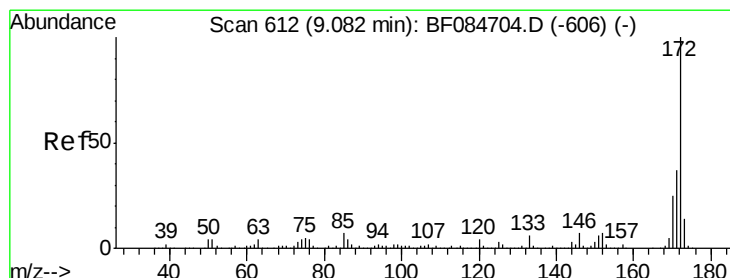
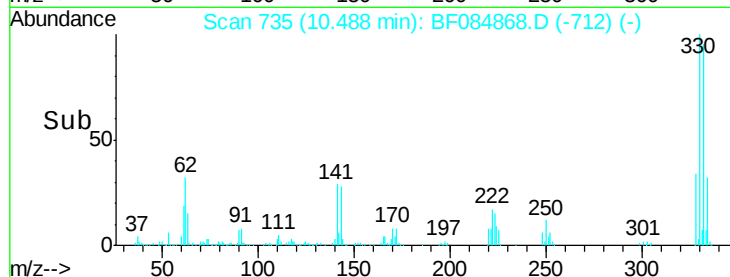
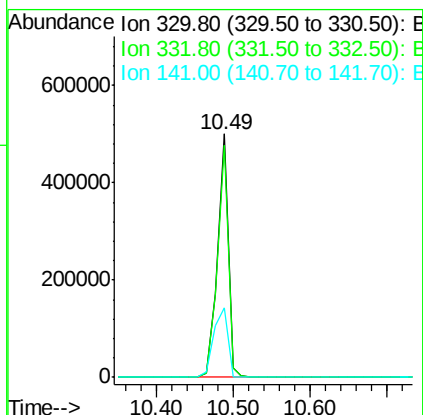
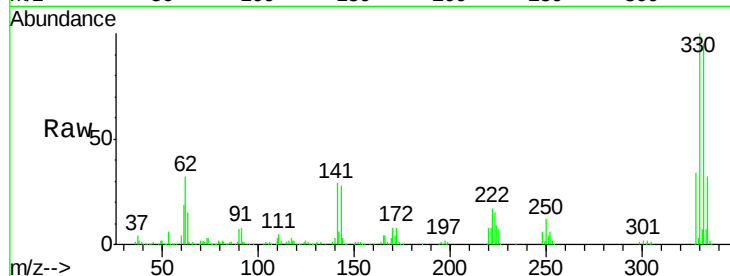




#41
 2,4,6-Tribromophenol
 Concen: 136.66 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084868.D
 Acq: 5 Feb 2016 19:10

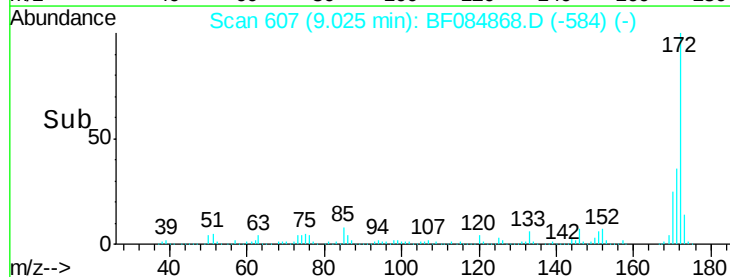
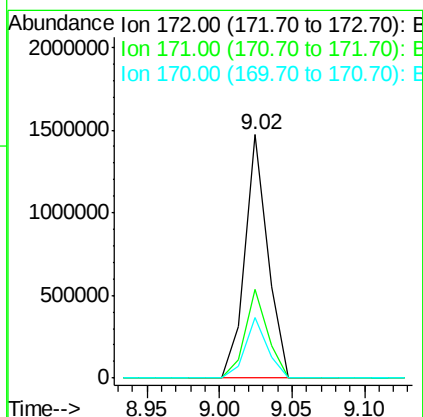
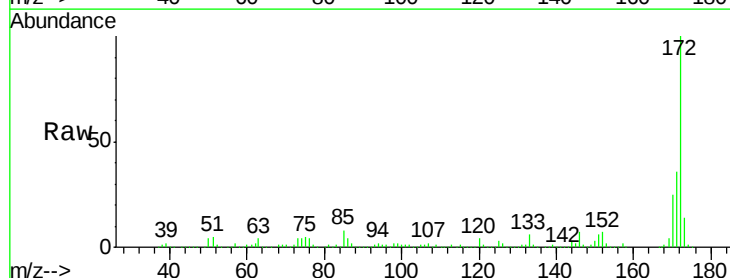
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B018(35-37)

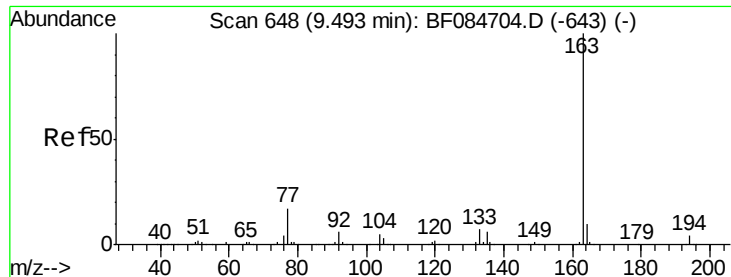
Tgt Ion:330 Resp: 485716
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 37.5 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 77.10 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084868.D
 Acq: 5 Feb 2016 19:10

Tgt Ion:172 Resp: 1609503
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.8 18.6 27.8

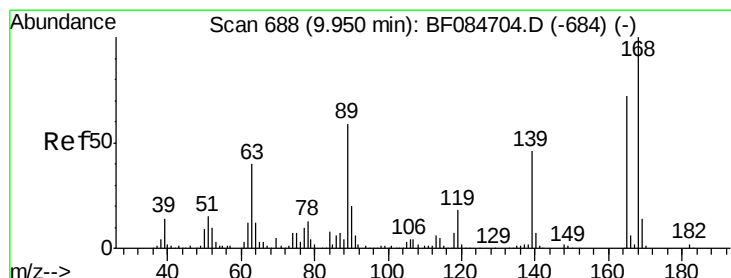
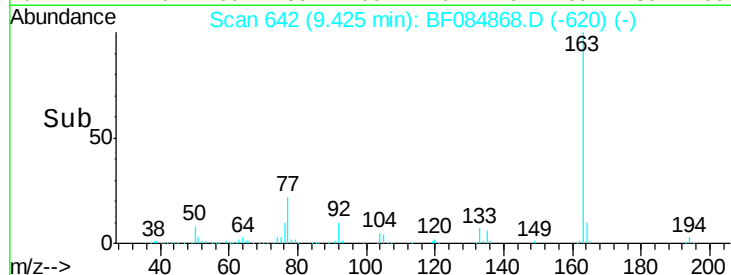
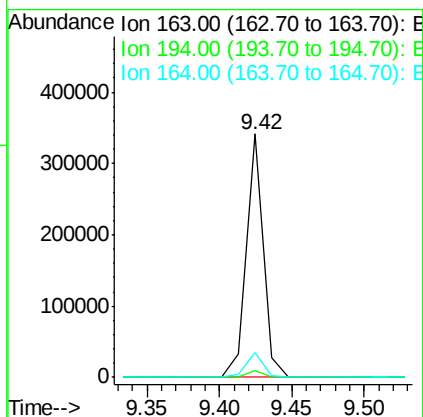
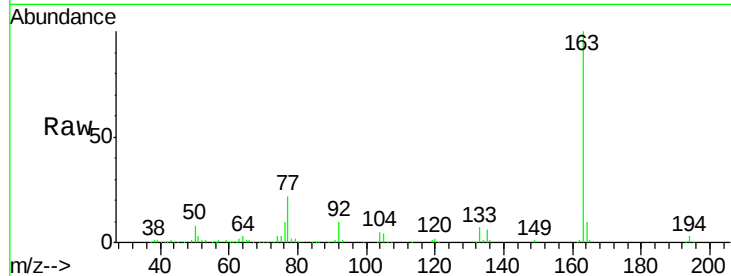




#49
Dimethylphthalate
Concen: 10.67 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084868.D
Acq: 5 Feb 2016 19:10

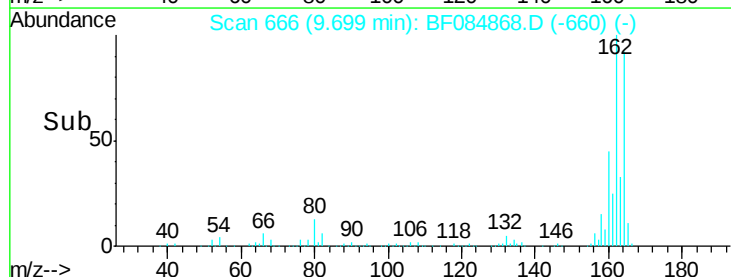
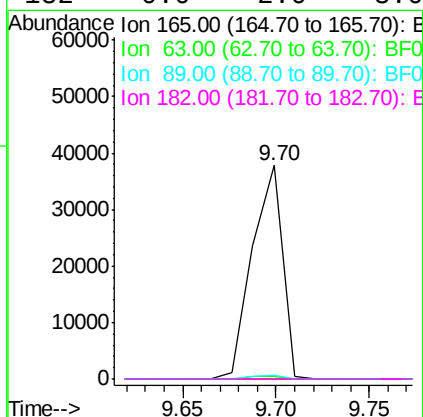
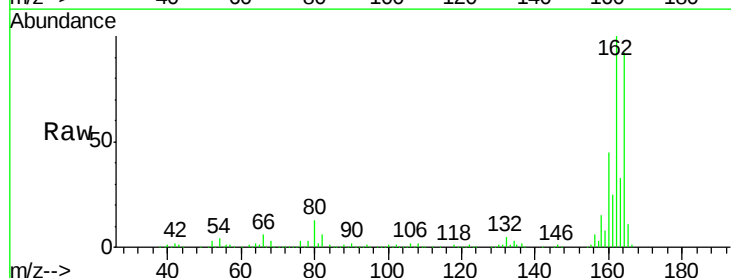
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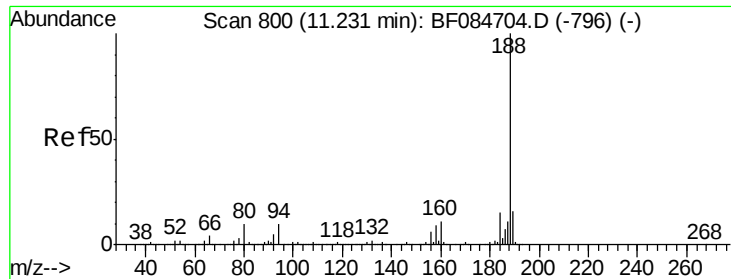
Tgt Ion:163 Resp: 276982
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.2 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084868.D
Acq: 5 Feb 2016 19:10

Tgt Ion:165 Resp: 43061
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.7 61.9 92.9#
182 0.0 2.0 3.0#

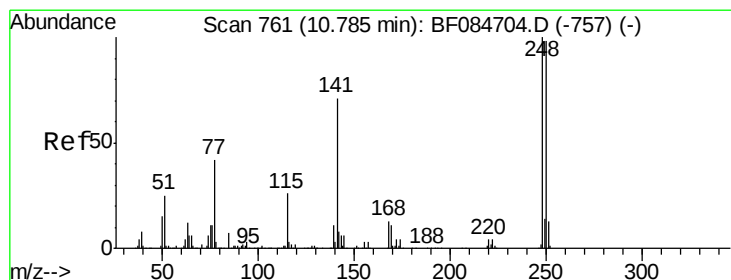
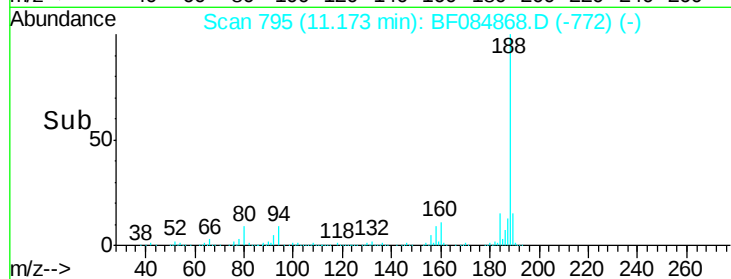
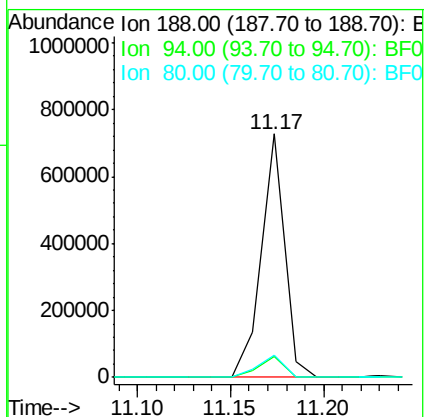
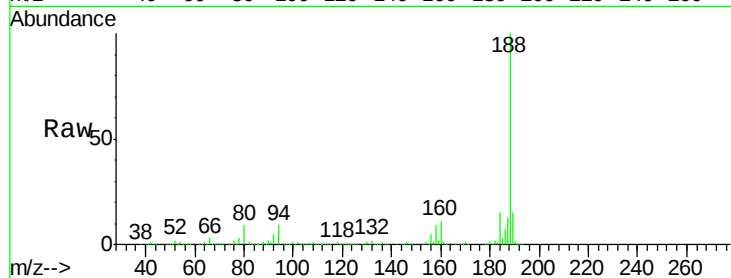




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084868.D
Acq: 5 Feb 2016 19:10

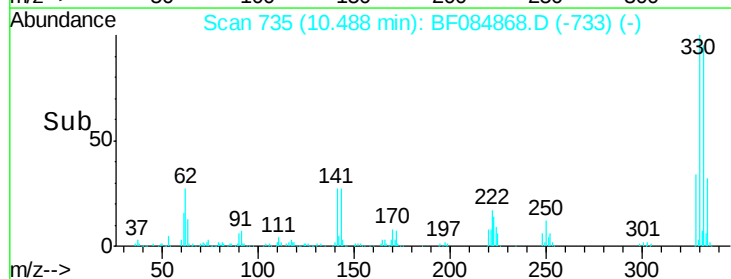
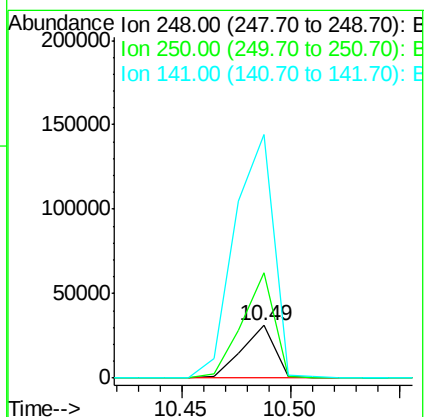
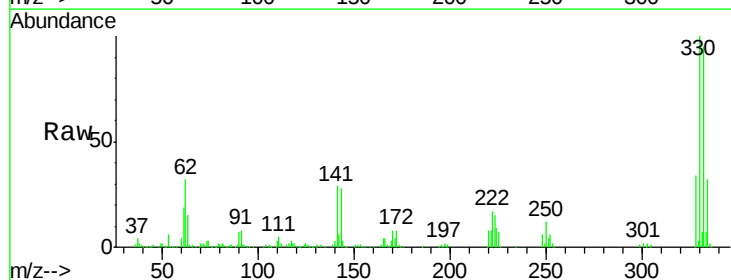
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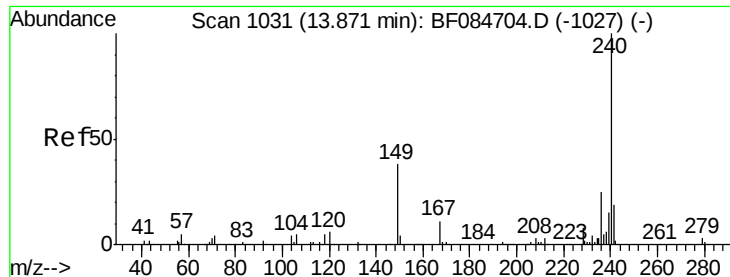
Tgt Ion:188 Resp: 628084
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 8.9 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 4.73 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084868.D
Acq: 5 Feb 2016 19:10

Tgt Ion:248 Resp: 32779
Ion Ratio Lower Upper
248 100
250 199.2 78.4 117.6#
141 461.8 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

Instrument :

BNA_F

ClientSampleId :

SUP-B018(35-37)

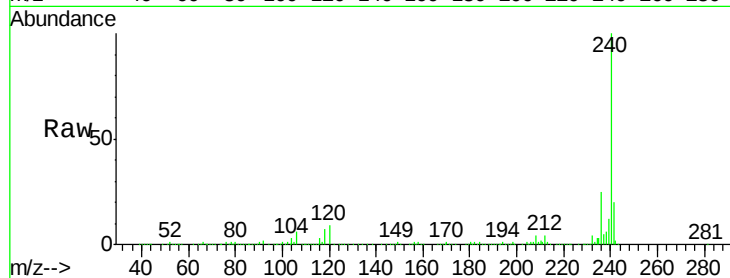
Tgt Ion:240 Resp: 501744

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

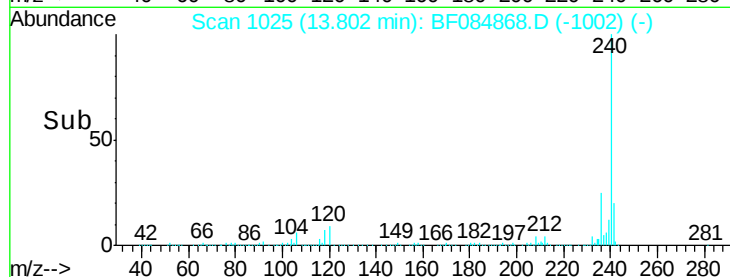
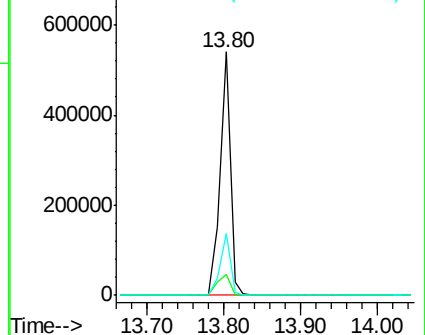
236 25.3 20.6 31.0



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: 64.65 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084868.D

Acq: 5 Feb 2016 19:10

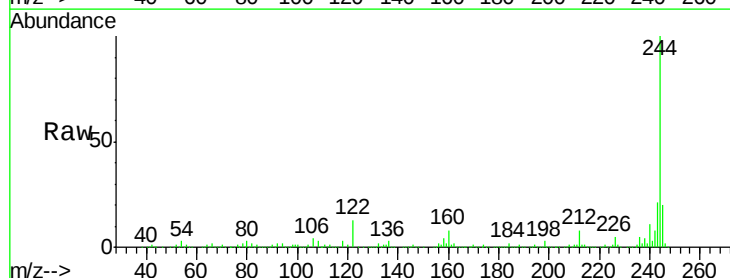
Tgt Ion:244 Resp: 1431380

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

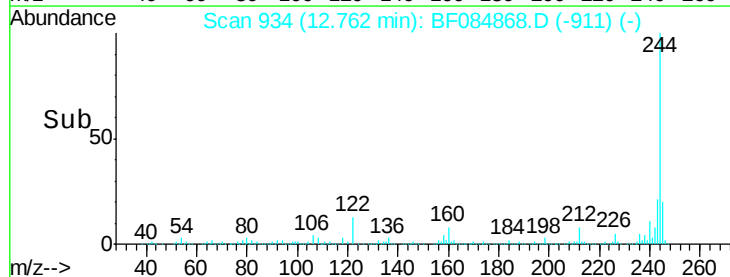
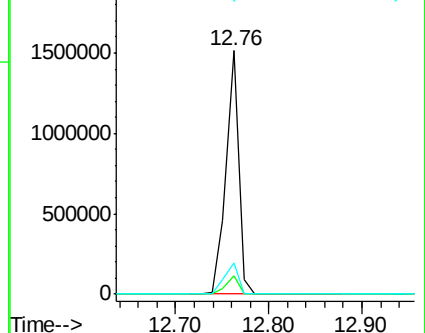
122 12.7 7.4 11.0#

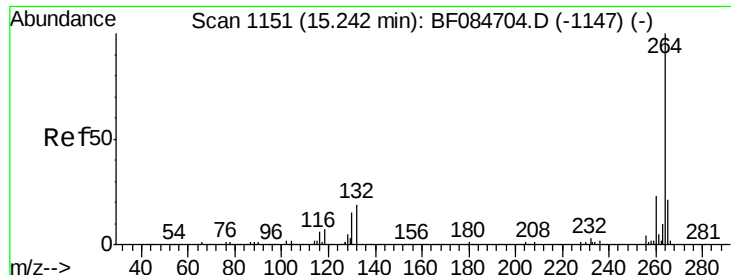


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084868.D
Acq: 5 Feb 2016 19:10

Instrument :
BNA_F
ClientSampleId :
SUP-B018(35-37)

Tgt Ion: 264 Resp: 342358
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 20.9 17.8 26.6

