

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF084985.D
 Acq On : 10 Feb 2016 11:26
 Operator : SJ/IZ
 Sample : H1329-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(20-22)

Quant Time: Feb 10 13:40:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

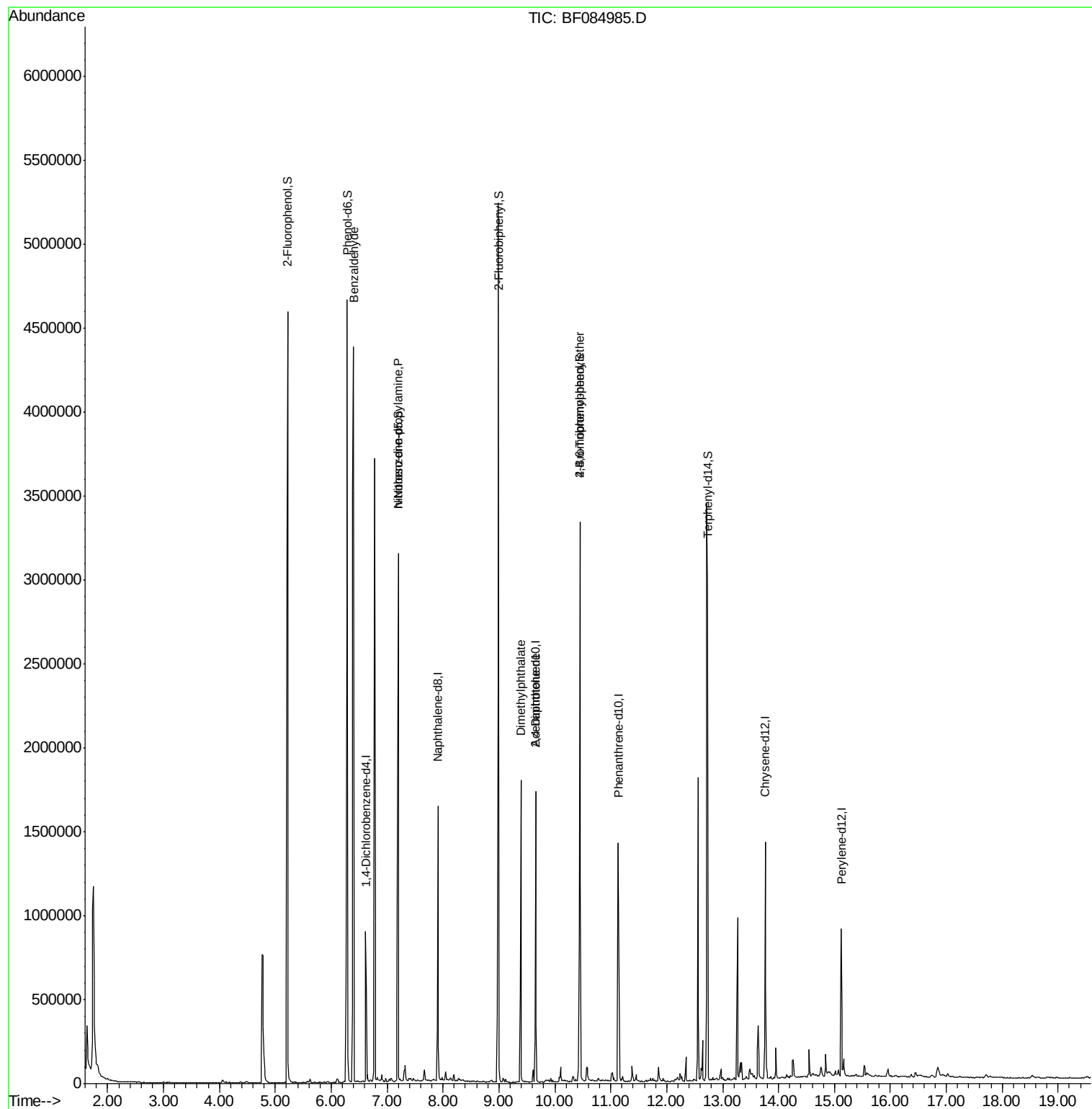
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	167378	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	718648	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	339618	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	607768	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	515479	20.00	ng	-0.01
86) Perylene-d12	15.12	264	374457	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1602414	149.12	ng	0.02
7) Phenol-d6	6.28	99	1886715	141.63	ng	0.00
23) Nitrobenzene-d5	7.20	82	1263029	99.00	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	485883	137.16	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1772296	89.45	ng	0.00
78) Terphenyl-d14	12.73	244	1611238	70.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	39753	5.05	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.20	70	182153	21.81	ng	# 75
49) Dimethylphthalate	9.39	163	728910	28.18	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	44529	6.18	ng	# 21
66) 4-Bromophenyl-phenylether	10.44	248	28042	4.18	ng	# 1

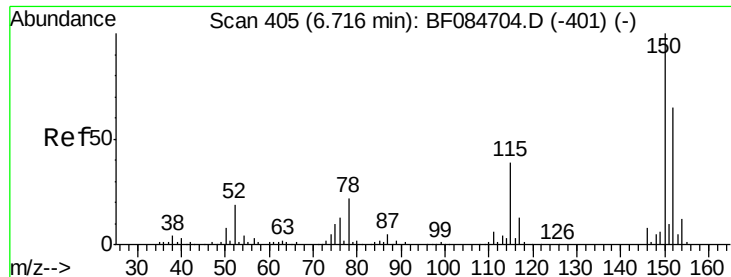
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

Instrument :

BNA_F

ClientSampleId :

S4-B010(20-22)

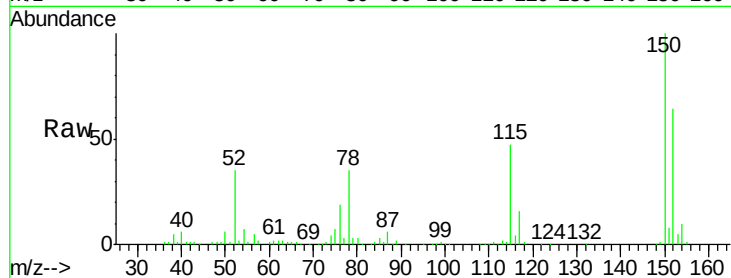
Tgt Ion:152 Resp: 167378

Ion Ratio Lower Upper

152 100

150 155.4 123.0 184.4

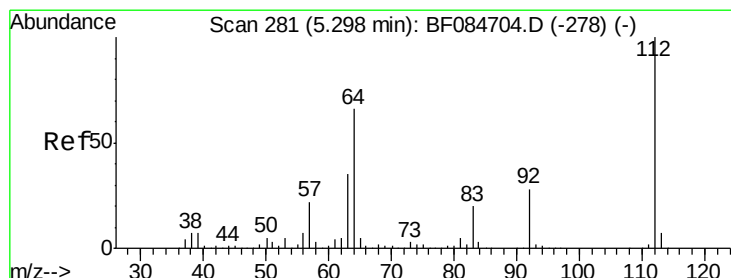
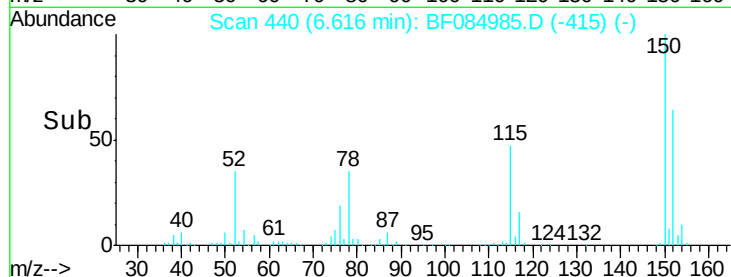
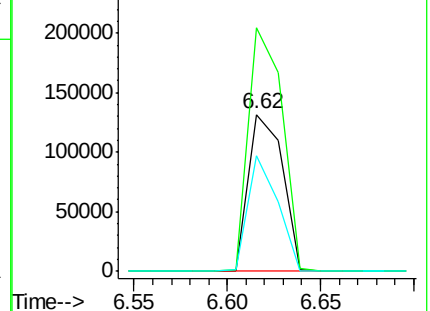
115 73.8 51.4 77.2



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: 149.12 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

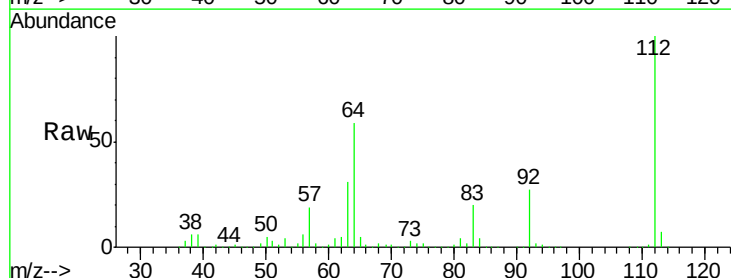
Tgt Ion:112 Resp: 1602414

Ion Ratio Lower Upper

112 100

64 59.2 36.6 55.0#

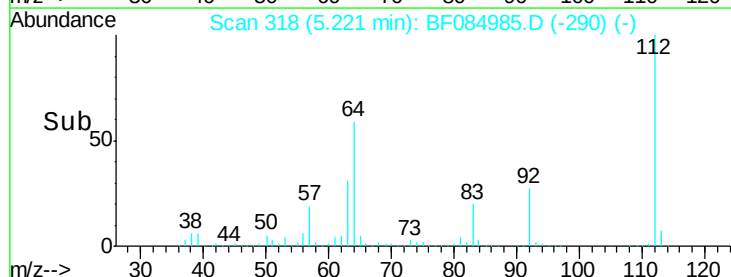
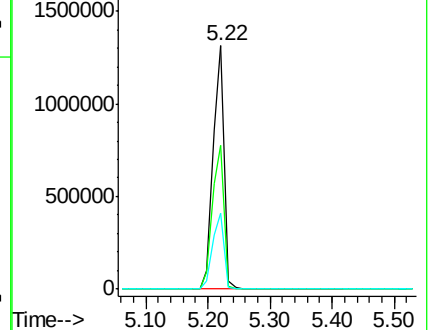
63 31.4 19.4 29.0#

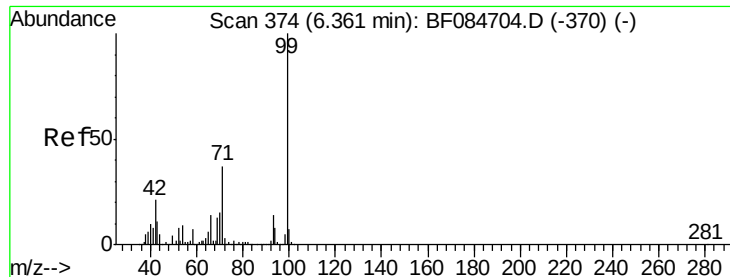


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.63 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

Instrument :

BNA_F

ClientSampleId :

S4-B010(20-22)

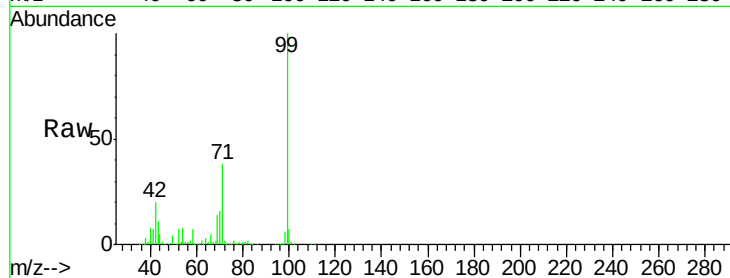
Tgt Ion: 99 Resp: 1886715

Ion Ratio Lower Upper

99 100

42 20.2 12.8 19.2#

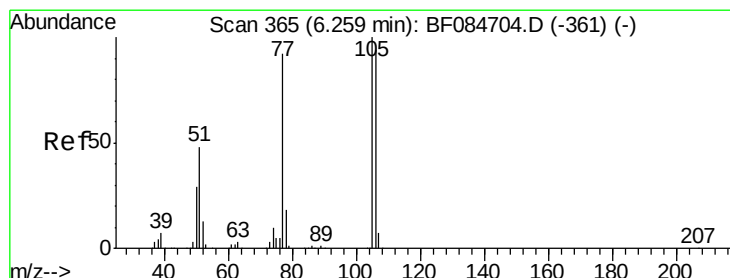
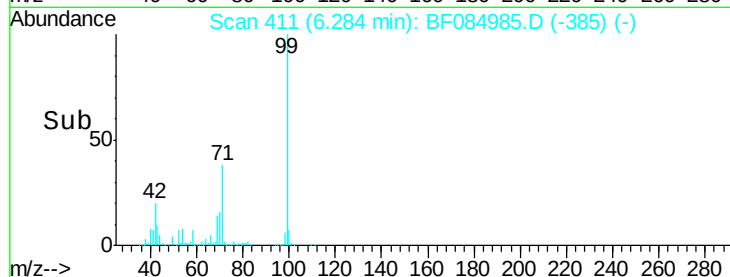
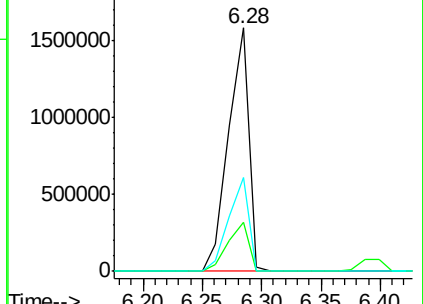
71 38.3 30.9 46.3



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



#9

Benzaldehyde

Concen: 5.05 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.23 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

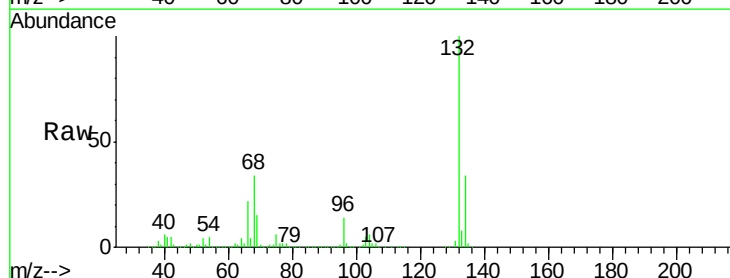
Tgt Ion: 77 Resp: 39753

Ion Ratio Lower Upper

77 100

105 84.4 83.0 123.0

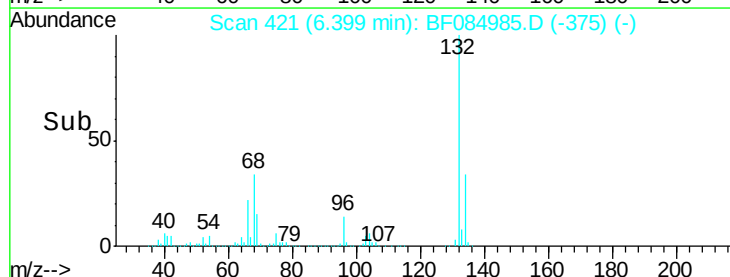
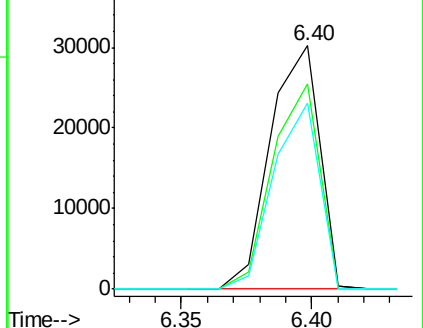
106 76.2 74.6 114.6

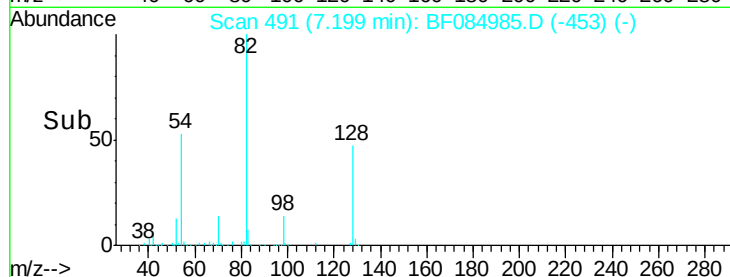
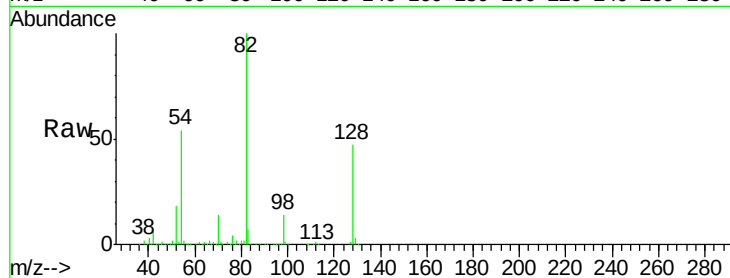
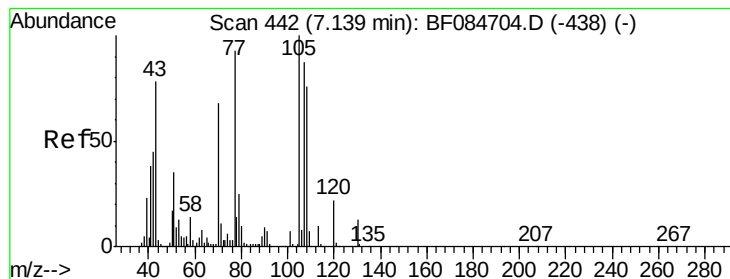


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 21.81 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.14 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

Instrument :

BNA_F

ClientSampleId :

S4-B010(20-22)

Tgt Ion: 70 Resp: 182153

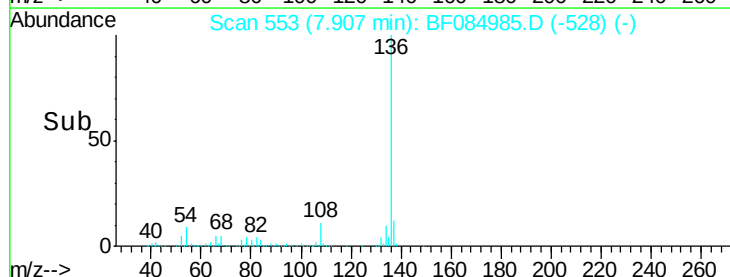
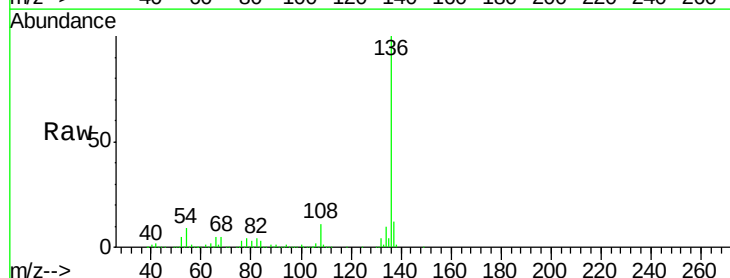
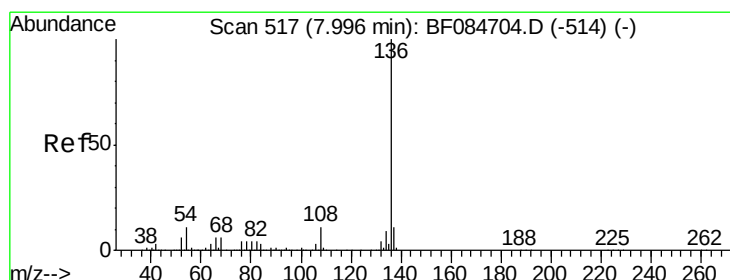
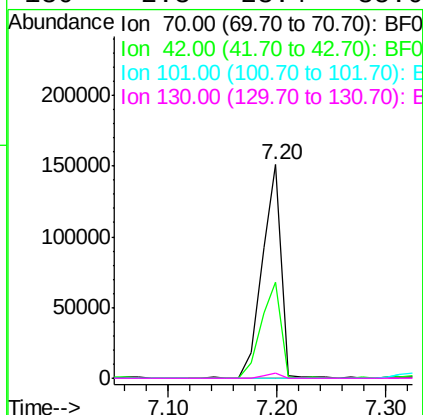
Ion Ratio Lower Upper

70 100

42 45.0 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

Tgt Ion: 136 Resp: 718648

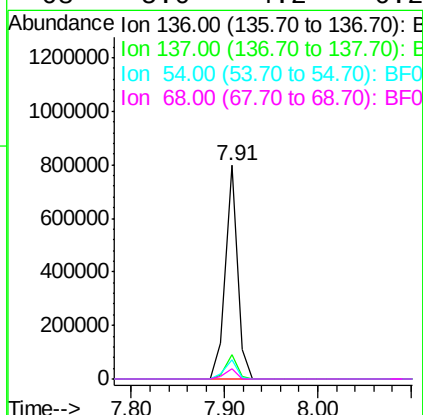
Ion Ratio Lower Upper

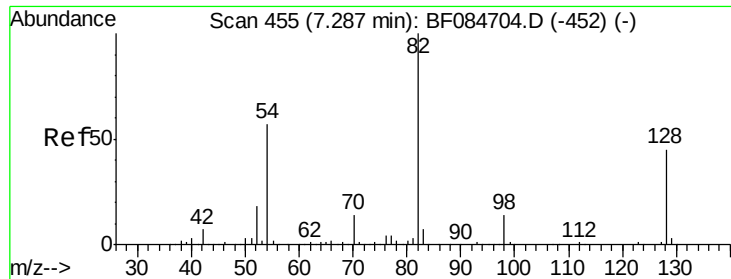
136 100

137 11.6 8.7 13.1

54 8.9 5.8 8.8#

68 5.0 4.2 6.2

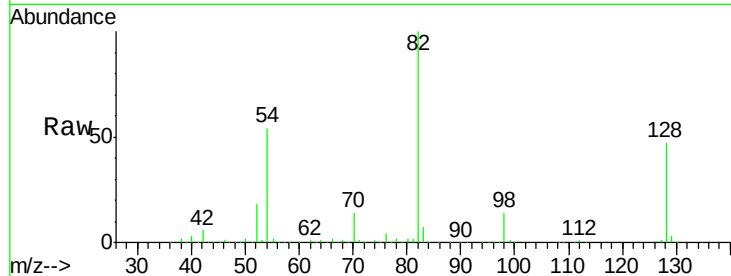




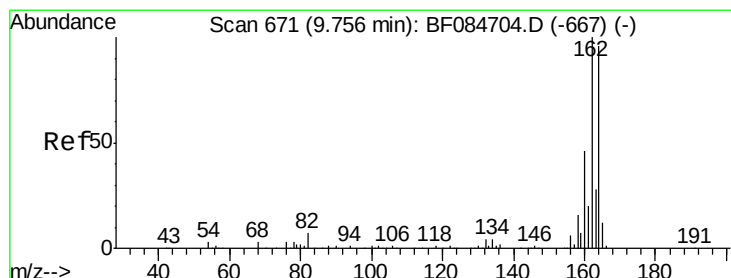
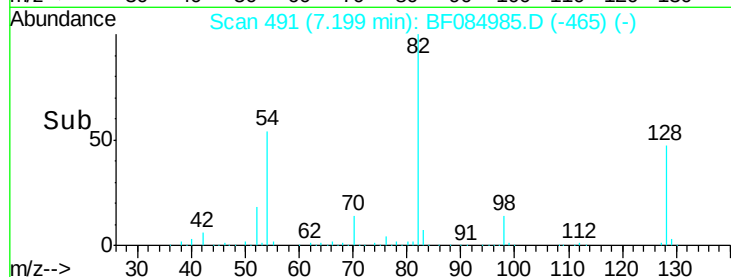
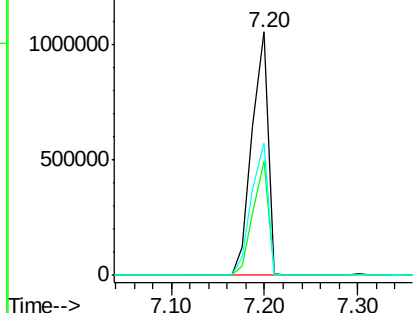
#23
 Nitrobenzene-d5
 Concen: 99.00 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF084985.D
 Acq: 10 Feb 2016 11:26

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(20-22)

Tgt Ion: 82 Resp: 1263029
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.6 51.8
 54 54.2 38.4 57.6

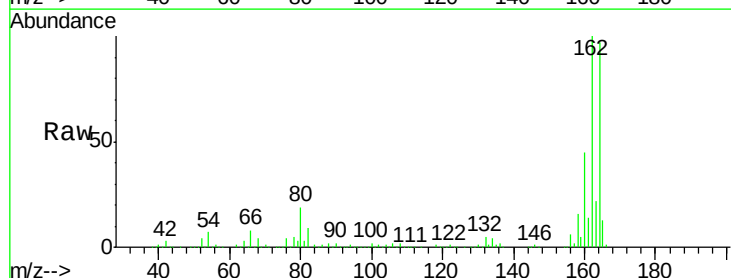


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

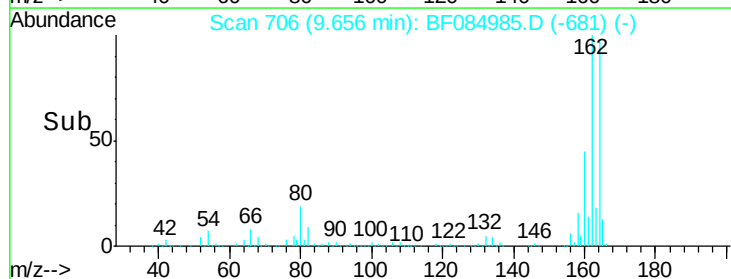
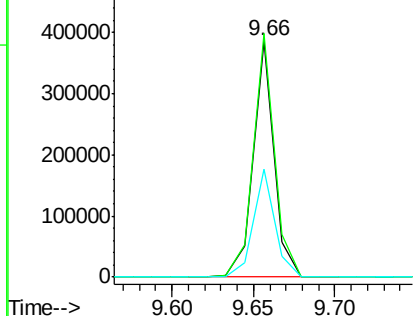


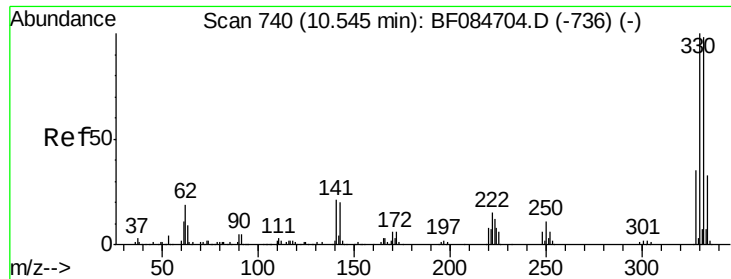
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF084985.D
 Acq: 10 Feb 2016 11:26

Tgt Ion: 164 Resp: 339618
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.1 127.7
 160 45.9 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

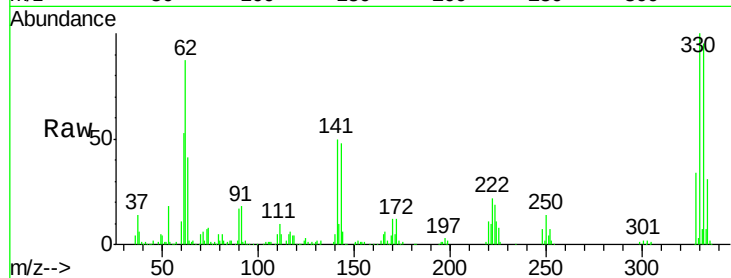




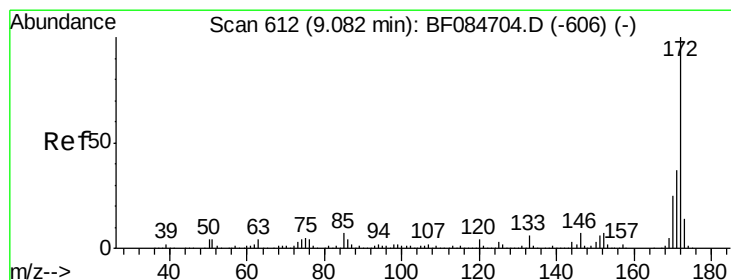
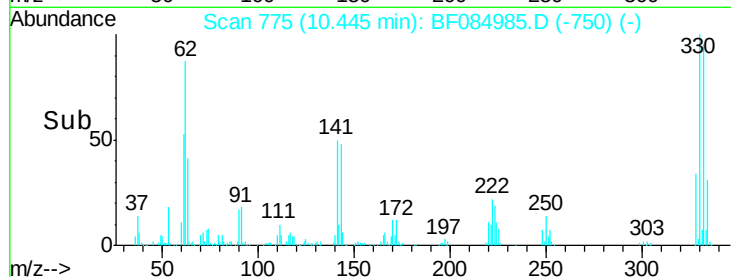
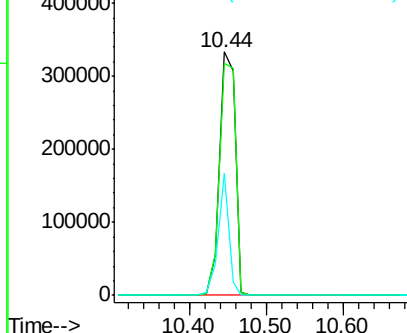
#41
 2,4,6-Tribromophenol
 Concen: 137.16 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF084985.D
 Acq: 10 Feb 2016 11:26

Instrument :
 BNA_F
 ClientSampleId :
 S4-B010(20-22)

Tgt Ion:330 Resp: 485883
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 33.3 27.8 41.6

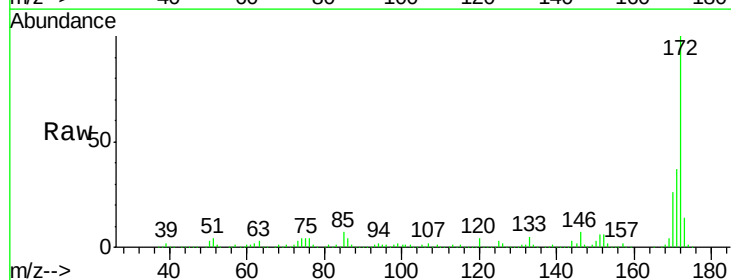


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

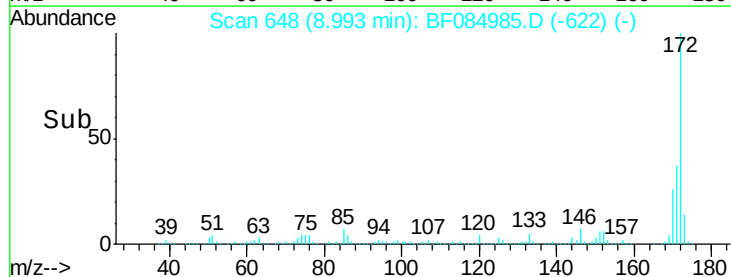
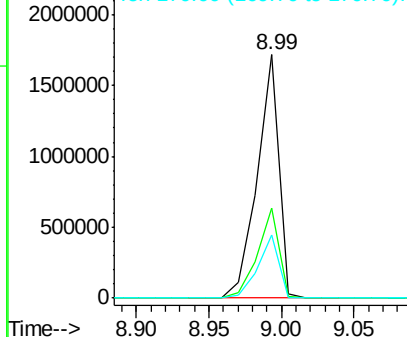


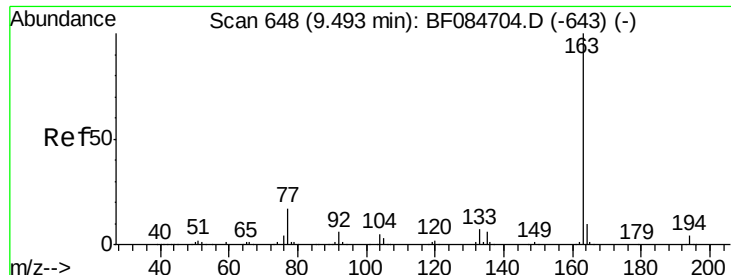
#44
 2-Fluorobiphenyl
 Concen: 89.45 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF084985.D
 Acq: 10 Feb 2016 11:26

Tgt Ion:172 Resp: 1772296
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.8 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

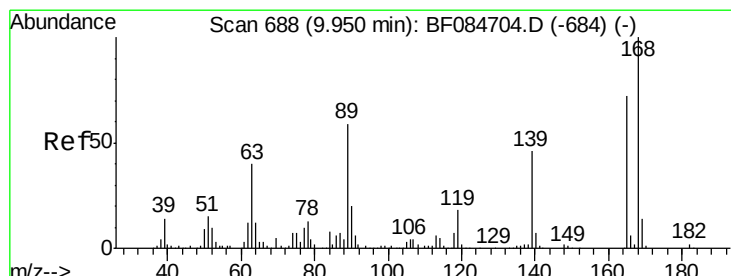
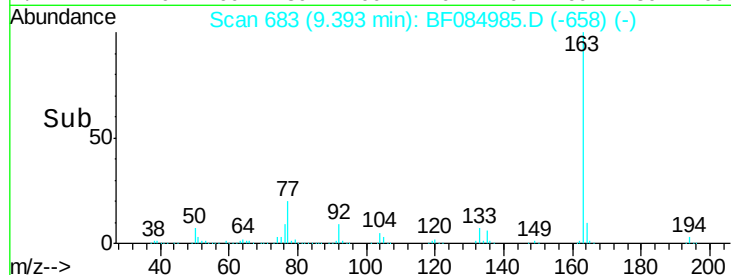
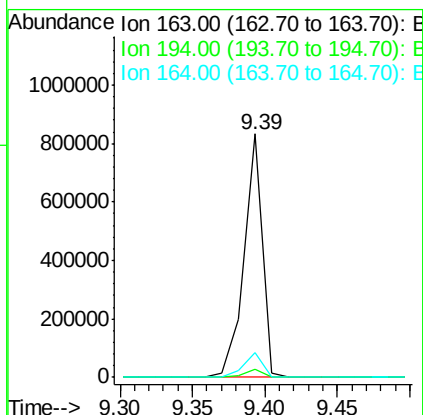
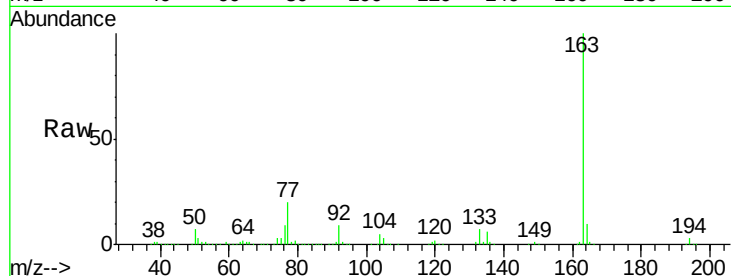




#49
Dimethylphthalate
Concen: 28.18 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084985.D
Acq: 10 Feb 2016 11:26

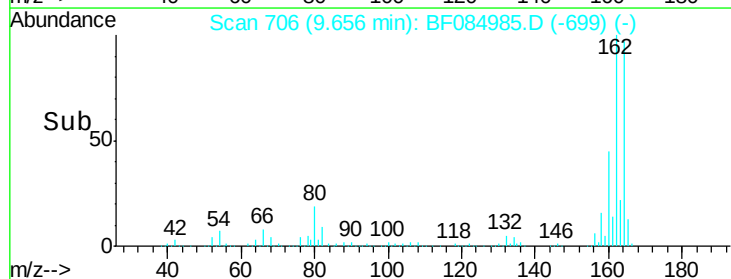
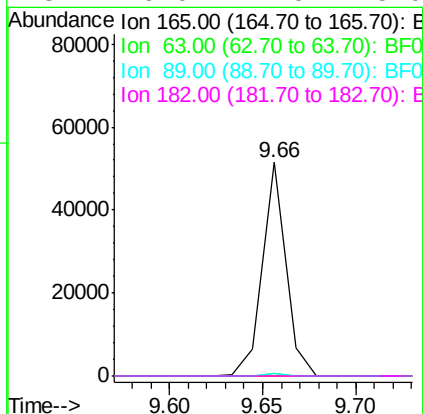
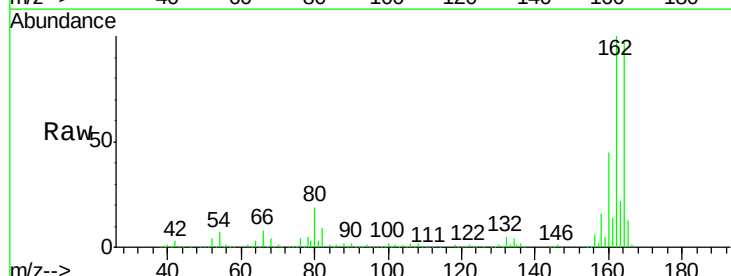
Instrument :
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S4-B010(20-22)

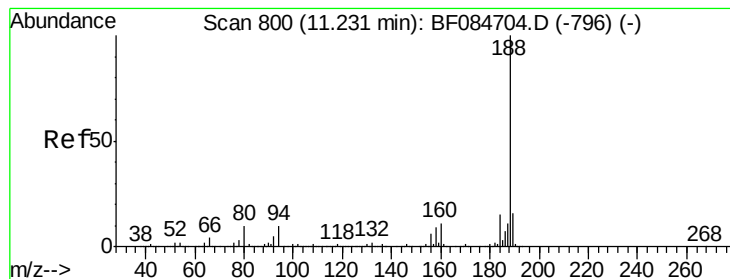
Tgt Ion:163 Resp: 728910
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.2 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.22 min
Lab File: BF084985.D
Acq: 10 Feb 2016 11:26

Tgt Ion:165 Resp: 44529
Ion Ratio Lower Upper
165 100
63 0.9 36.7 55.1#
89 0.9 61.9 92.9#
182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

Instrument :

BNA_F

ClientSampleId :

S4-B010(20-22)

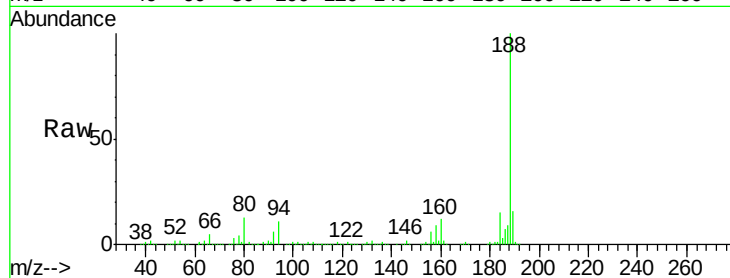
Tgt Ion:188 Resp: 607768

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

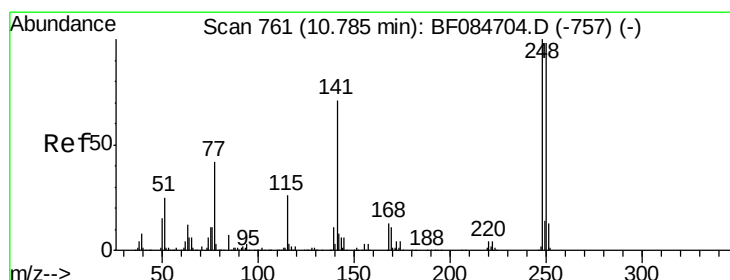
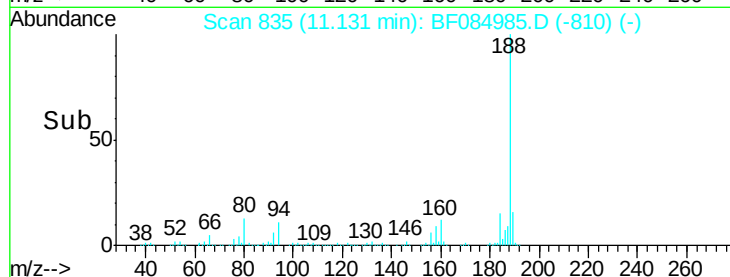
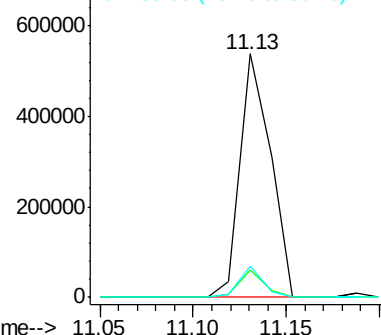
80 12.8 9.6 14.4



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: 4.18 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.25 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

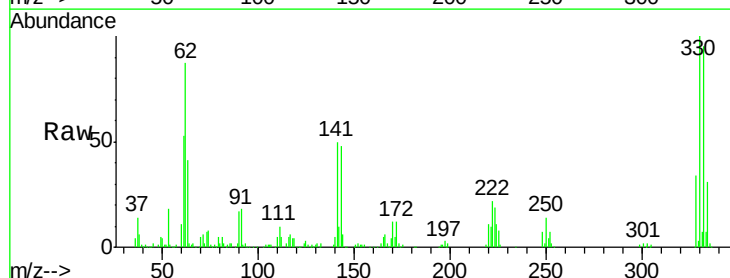
Tgt Ion:248 Resp: 28042

Ion Ratio Lower Upper

248 100

250 194.0 78.4 117.6#

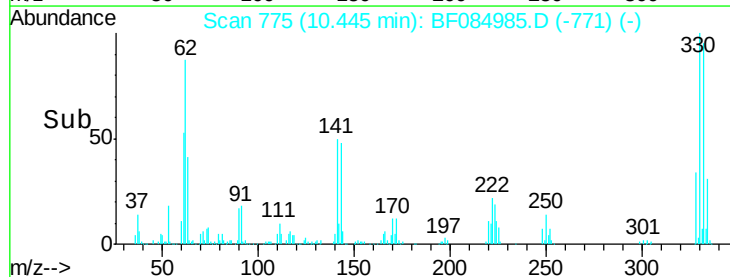
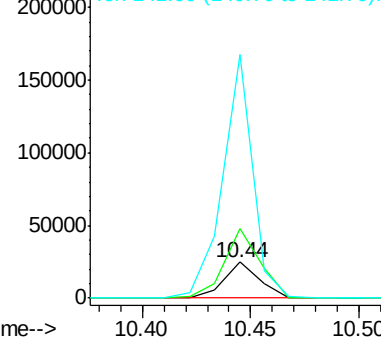
141 674.3 44.0 66.0#

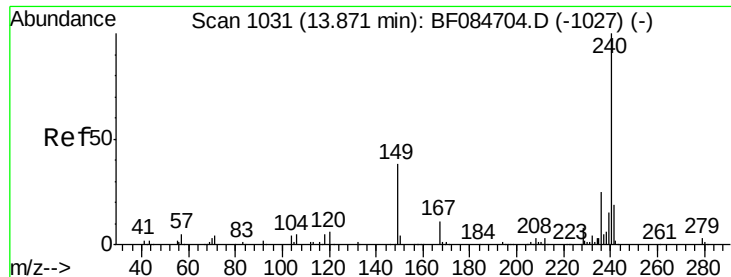


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

Instrument :

BNA_F

ClientSampleId :

S4-B010(20-22)

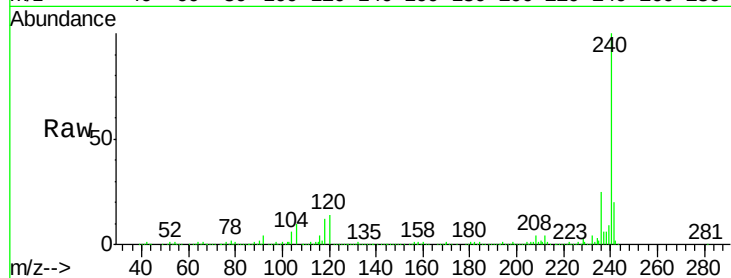
Tgt Ion:240 Resp: 515479

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

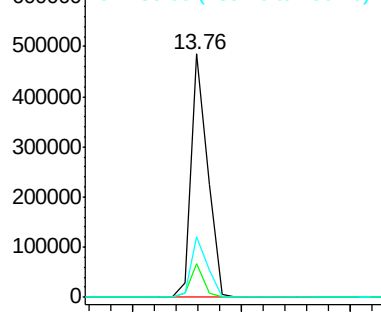
236 25.0 20.6 31.0



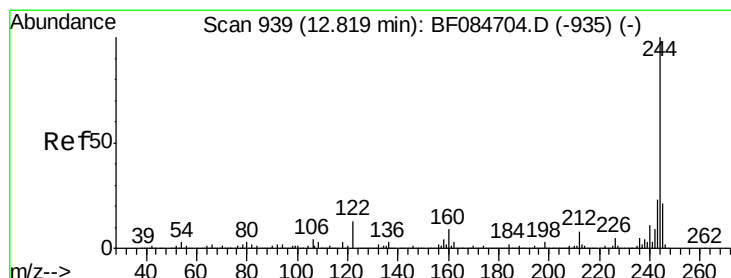
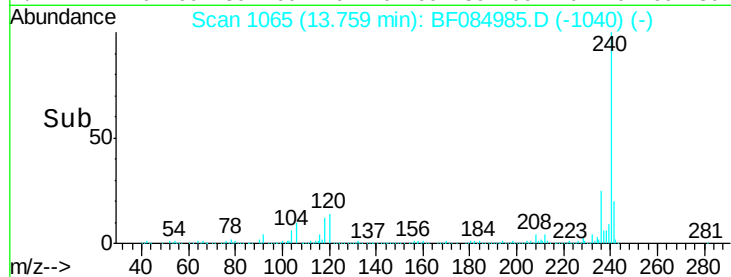
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 70.83 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF084985.D

Acq: 10 Feb 2016 11:26

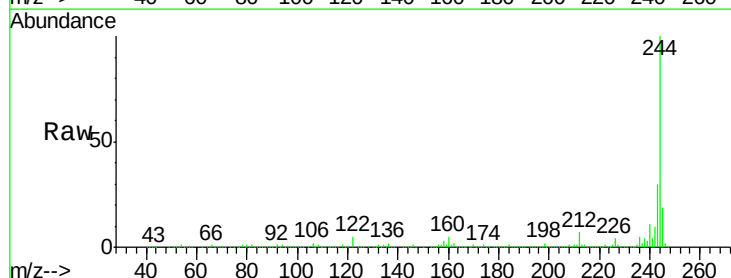
Tgt Ion:244 Resp: 1611238

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

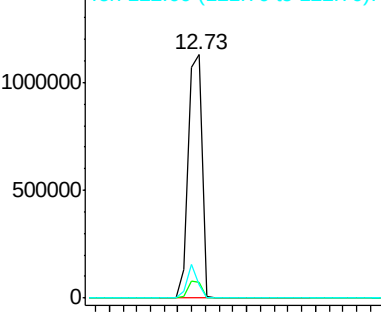
122 5.4 7.4 11.0#



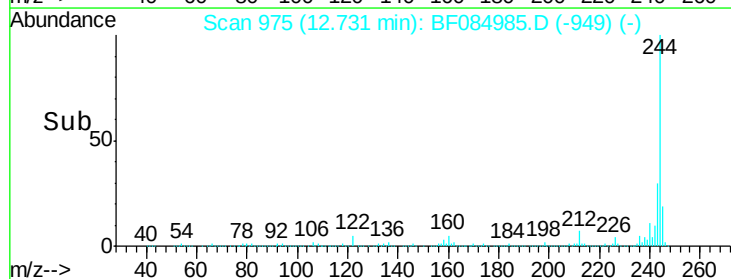
Abundance Ion 244.00 (243.70 to 244.70): E

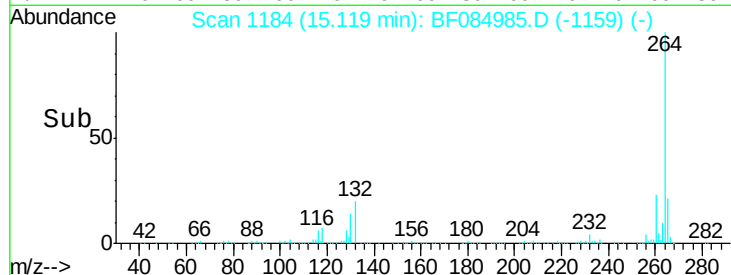
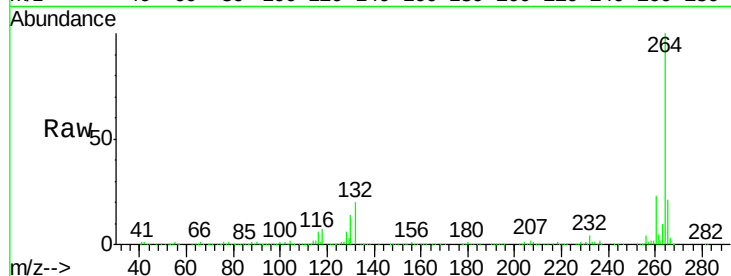
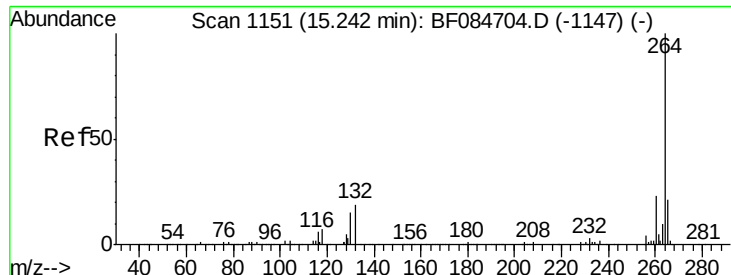
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF084985.D
Acq: 10 Feb 2016 11:26

Instrument :
BNA_F
ClientSampleId :
S4-B010(20-22)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.2	17.8	26.6

