

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085305.D
 Acq On : 9 Mar 2016 18:12
 Operator : UM/SJ
 Sample : PB88789BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BL

Quant Time: Mar 09 23:50:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

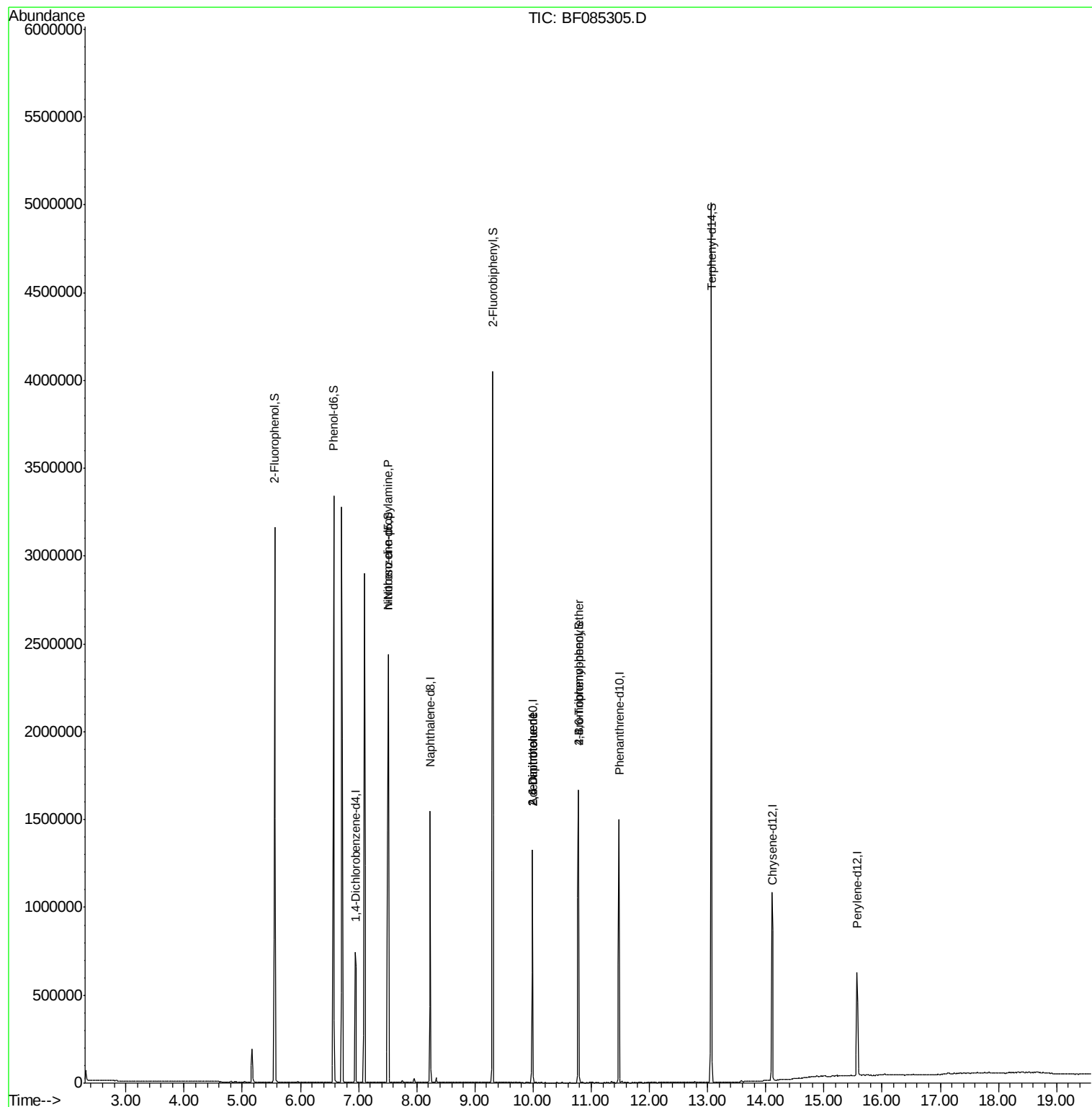
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	163760	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	706961	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	302517	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	619629	20.00	ng	-0.03
75) Chrysene-d12	14.12	240	497984	20.00	ng	-0.03
86) Perylene-d12	15.57	264	291879	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1183412	121.22	ng	-0.02
7) Phenol-d6	6.57	99	1361020	106.41	ng	-0.03
23) Nitrobenzene-d5	7.51	82	993725	75.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	259168	100.12	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1610672	80.97	ng	-0.05
78) Terphenyl-d14	13.06	244	1721855	80.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	130867	15.70	ng	# 76
50) 2,6-Dinitrotoluene	9.99	165	39427	7.94	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	39429	6.20	ng	# 22
66) 4-Bromophenyl-phenylether	10.78	248	17631	2.93	ng	# 1

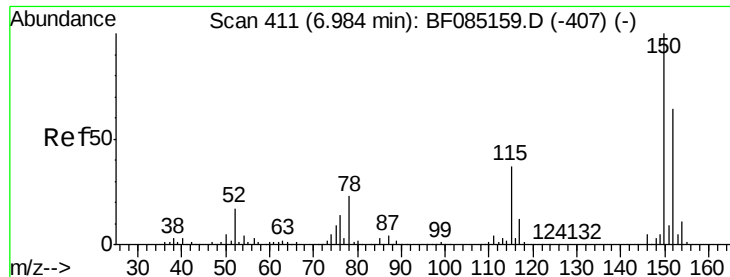
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampled :

PB88789BL

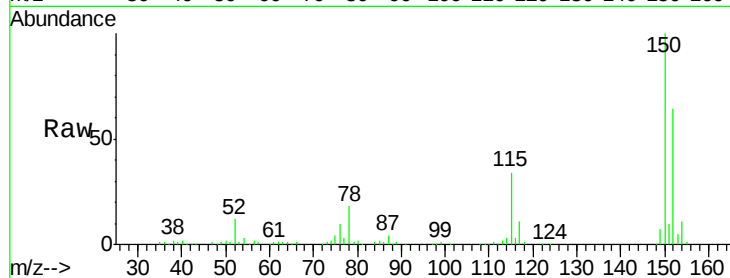
Tgt Ion:152 Resp: 163760

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

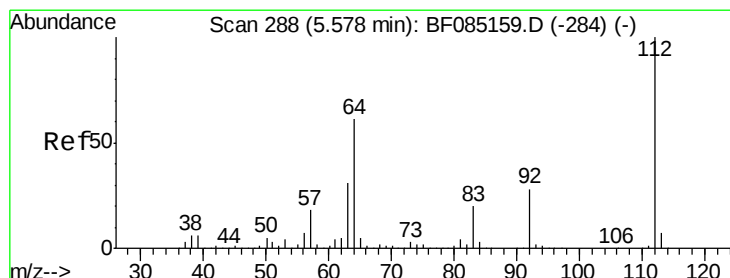
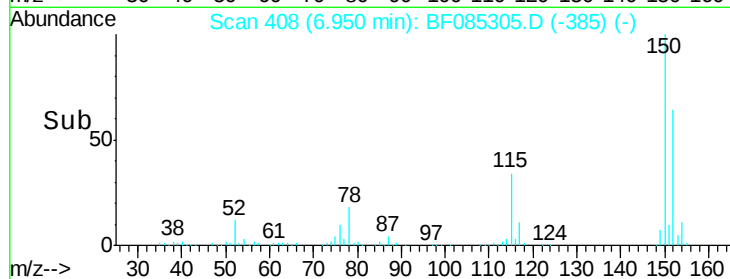
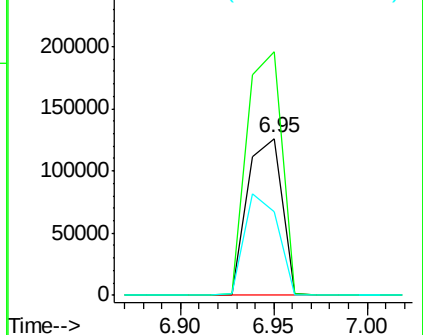
115 53.2 46.6 70.0



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: 121.22 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

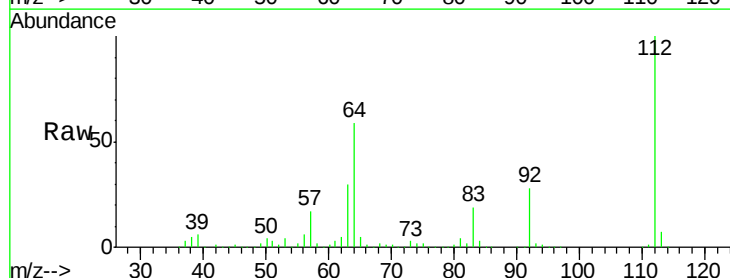
Tgt Ion:112 Resp: 1183412

Ion Ratio Lower Upper

112 100

64 58.9 49.0 73.4

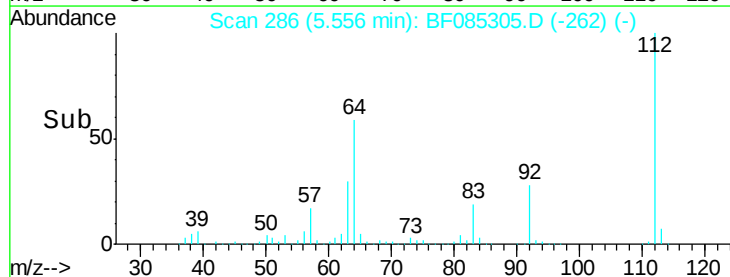
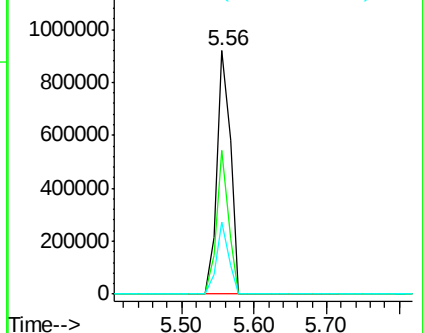
63 29.6 24.8 37.2

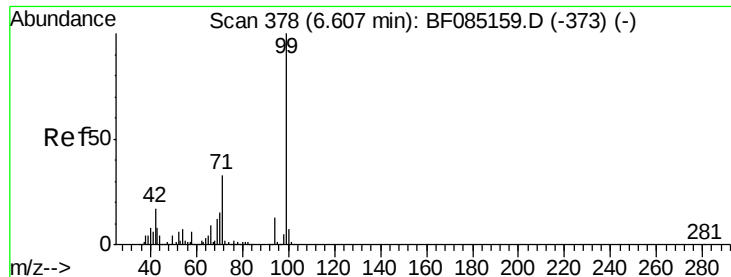


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.41 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88789BL

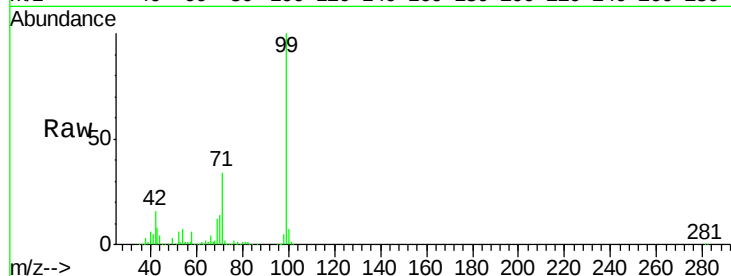
Tgt Ion: 99 Resp: 1361020

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

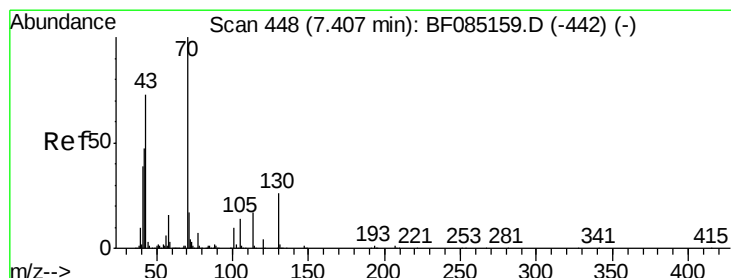
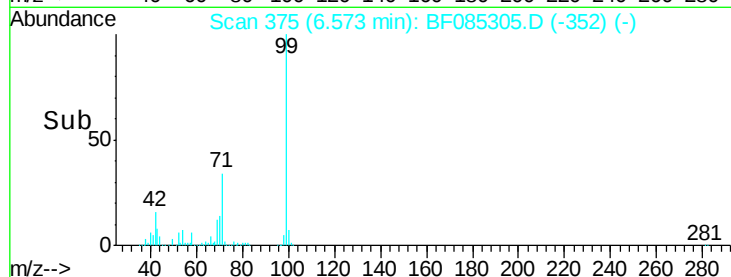
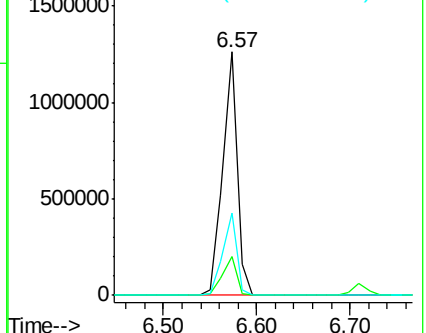
71 34.0 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.70 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Tgt Ion: 70 Resp: 130867

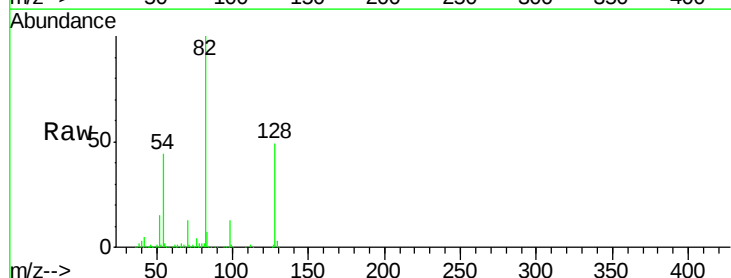
Ion Ratio Lower Upper

70 100

42 39.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.5 20.5 30.7#

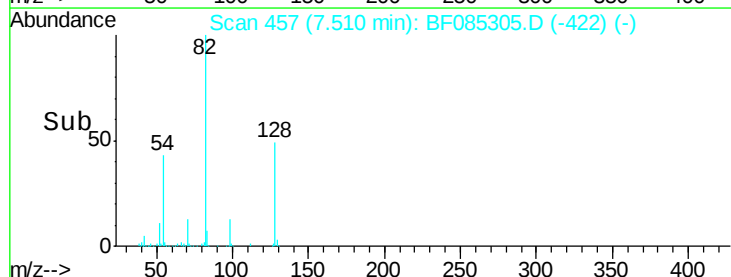
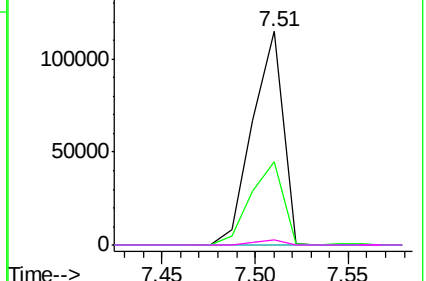


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88789BL

Tgt Ion:136 Resp: 706961

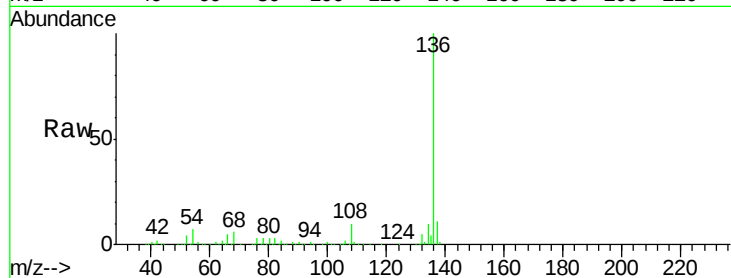
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.1 7.4 11.2#

68 5.9 6.0 9.0#

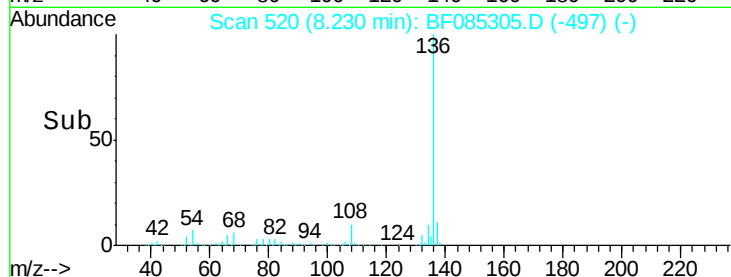


Abundance Ion 136.00 (135.70 to 136.70): E

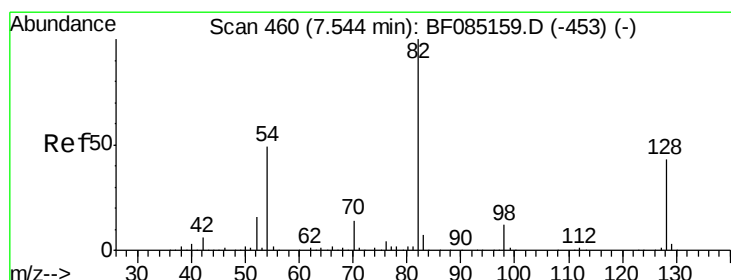
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 75.22 ng

RT: 7.51 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

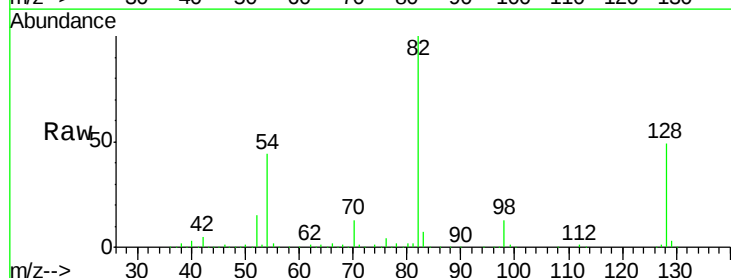
Tgt Ion: 82 Resp: 993725

Ion Ratio Lower Upper

82 100

128 49.2 34.5 51.7

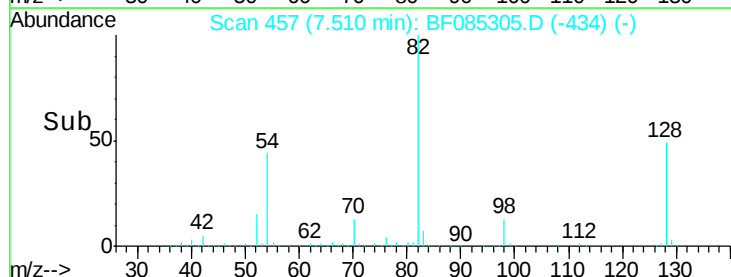
54 44.2 39.3 58.9



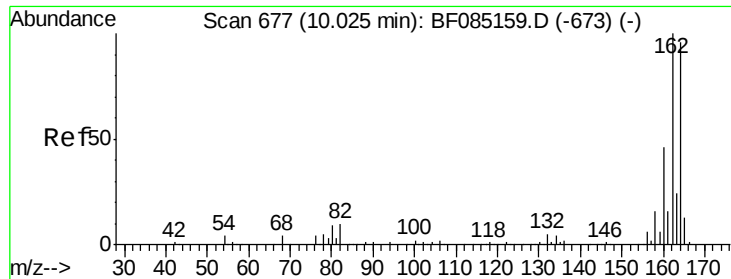
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88789BL

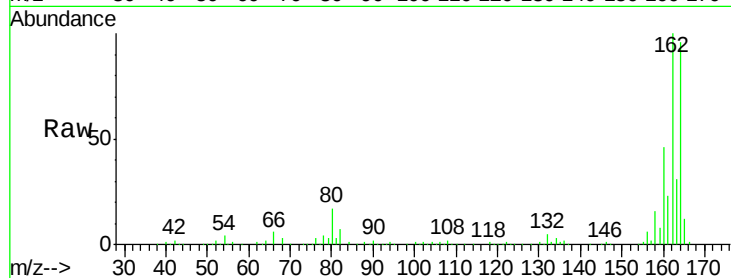
Tgt Ion:164 Resp: 302517

Ion Ratio Lower Upper

164 100

162 104.2 83.3 124.9

160 48.0 37.9 56.9



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

400000

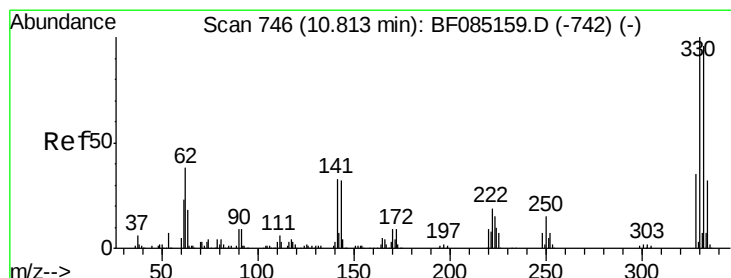
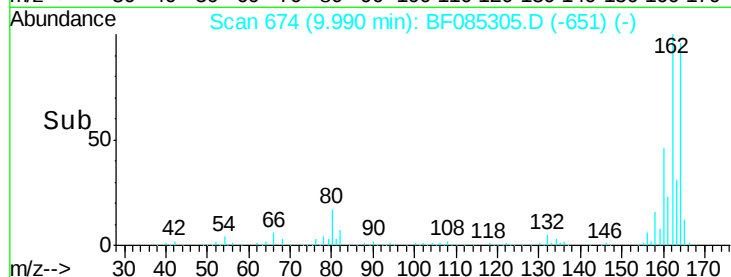
300000

200000

100000

0

Time--> 9.90 9.95 10.00 10.05



#41

2,4,6-Tribromophenol

Concen: 100.12 ng

RT: 10.78 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

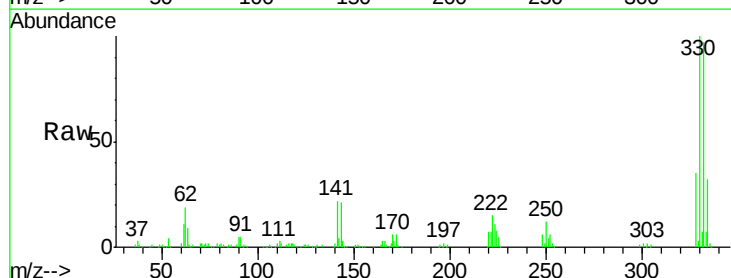
Tgt Ion:330 Resp: 259168

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

141 34.1 35.0 52.6#



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

400000

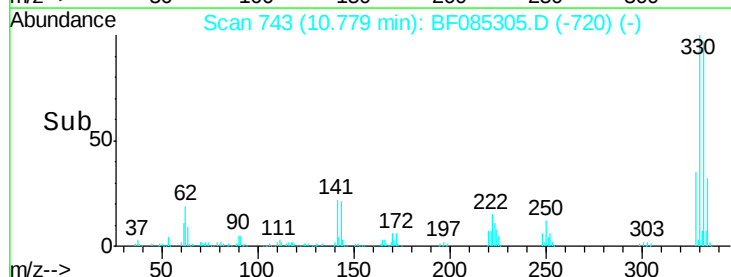
300000

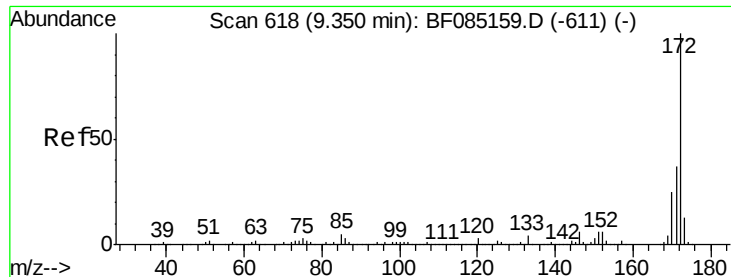
200000

100000

0

Time--> 10.70 10.80 10.90

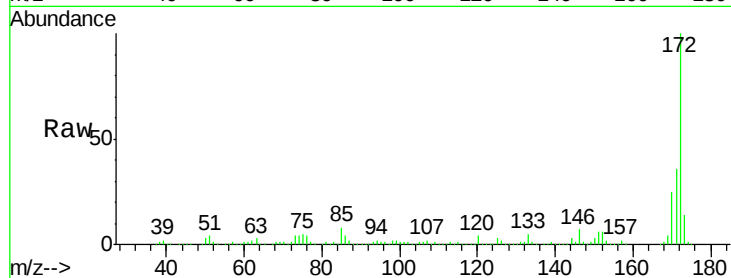




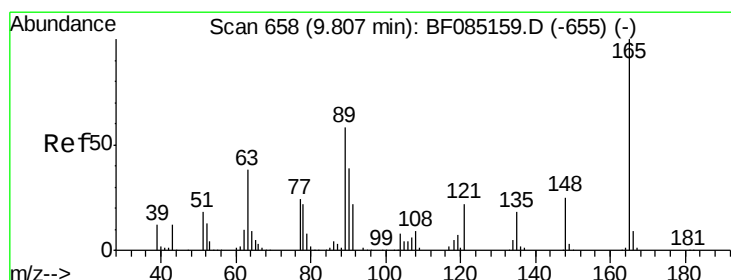
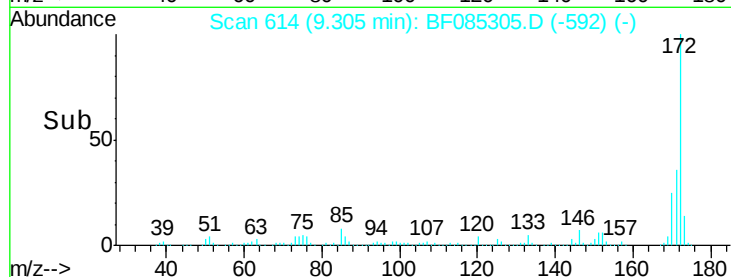
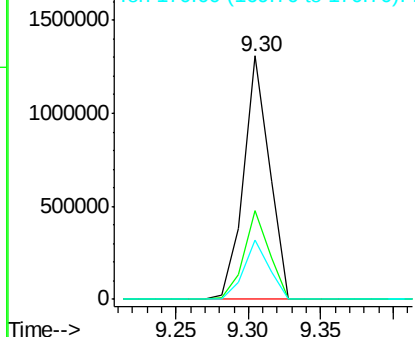
#44
 2-Fluorobiphenyl
 Concen: 80.97 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB88789BL

Tgt Ion:172 Resp: 1610672
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.6 20.0 30.0

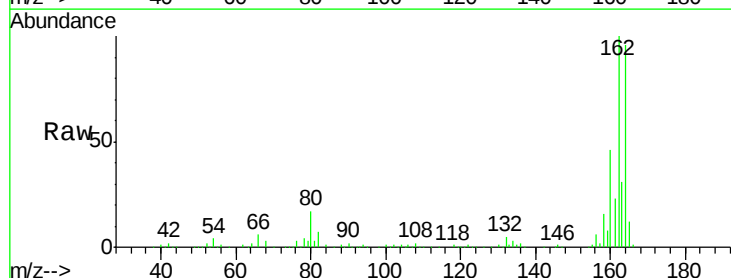


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

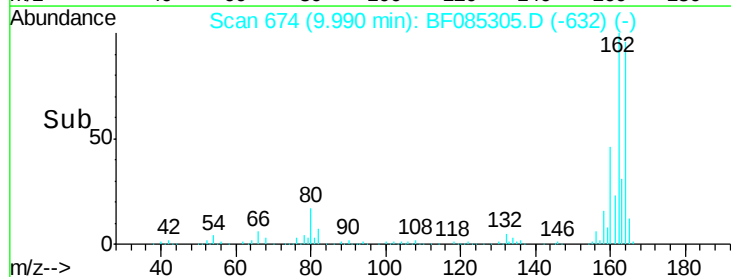
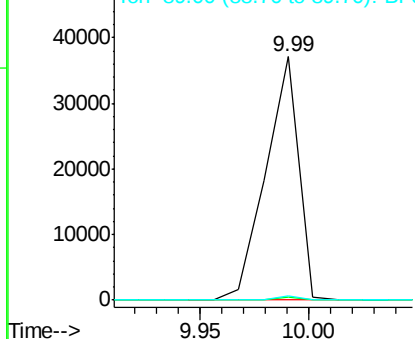


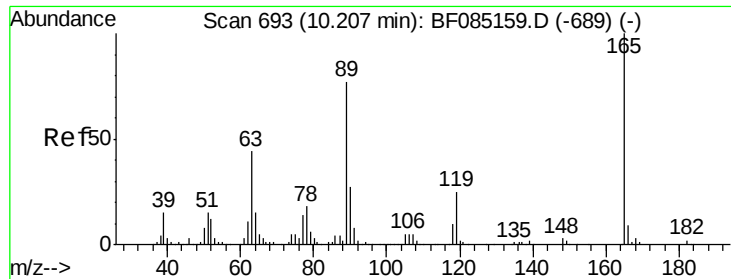
#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.99 min Scan# 674
 Delta R.T. 0.18 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Tgt Ion:165 Resp: 39427
 Ion Ratio Lower Upper
 165 100
 63 1.2 41.8 62.8#
 89 1.8 46.7 70.1#



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

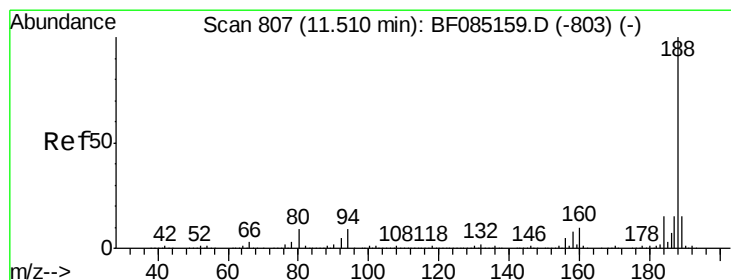
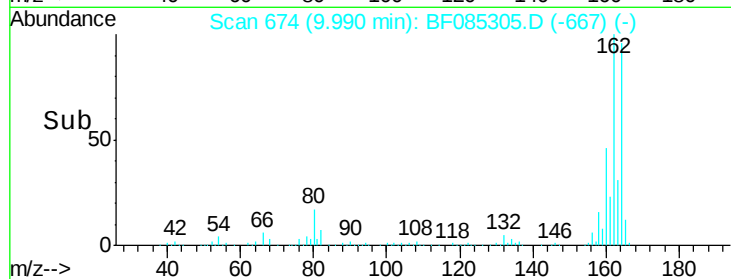
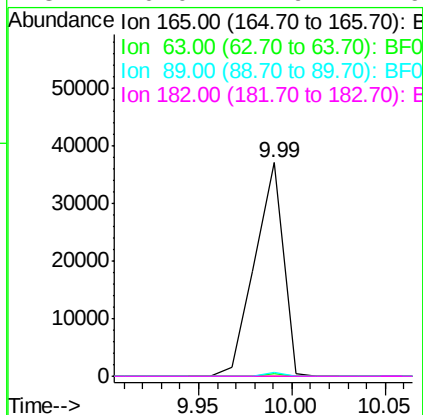
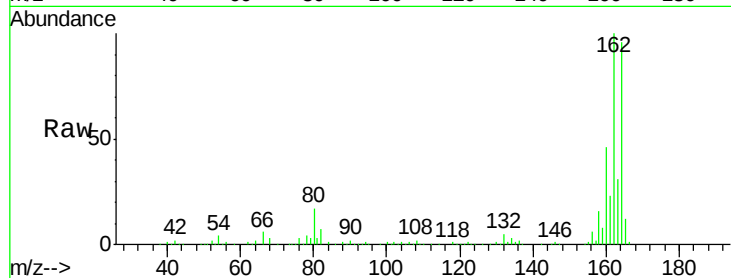




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.22 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

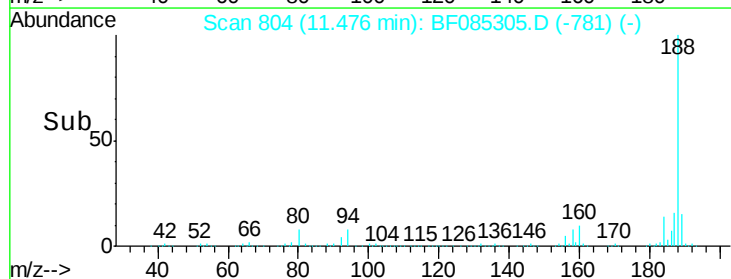
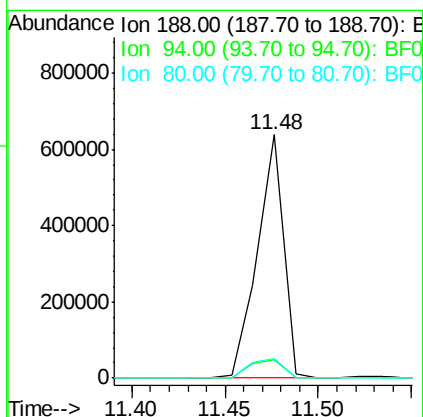
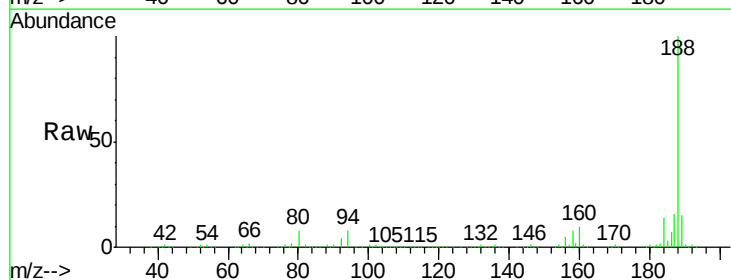
Instrument :
 BNA_F
 ClientSampleId :
 PB88789BL

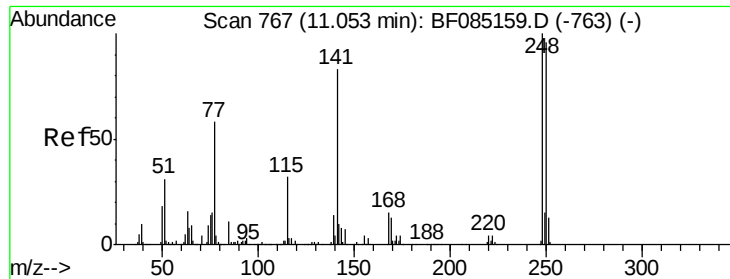
Tgt Ion:	165	Resp:	39429
Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	1.8	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF085305.D
 Acq: 9 Mar 2016 18:12

Tgt Ion:	188	Resp:	619629
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.6
80	7.8	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 2.93 ng

RT: 10.78 min Scan# 743

Delta R.T. -0.27 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88789BL

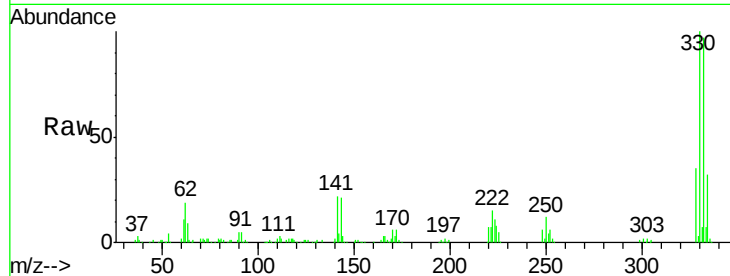
Tgt Ion:248 Resp: 17631

Ion Ratio Lower Upper

248 100

250 192.5 77.1 115.7#

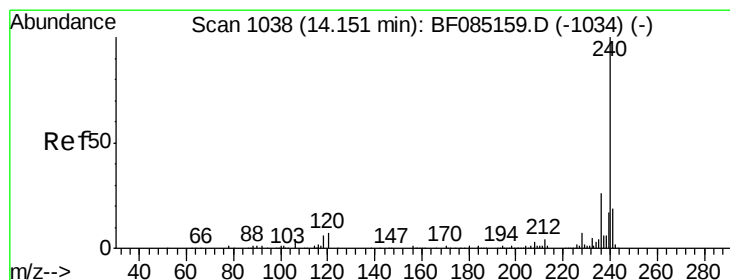
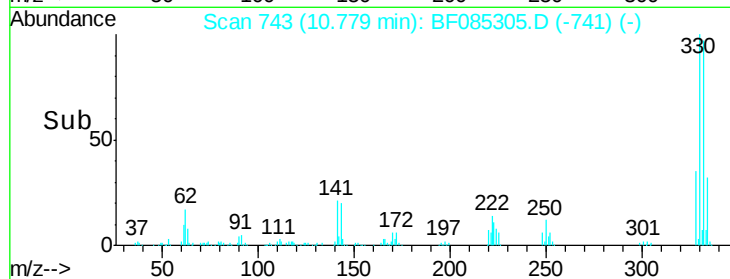
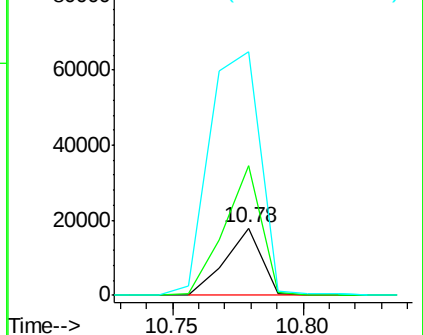
141 361.2 66.2 99.2#



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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

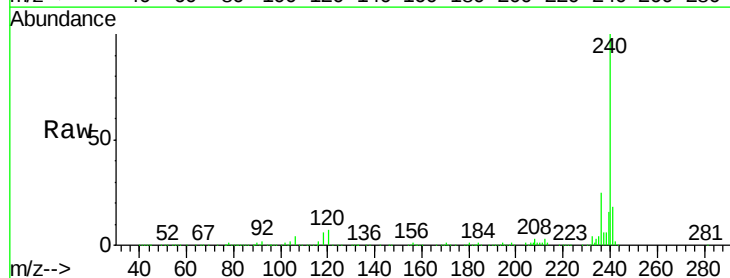
Tgt Ion:240 Resp: 497984

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

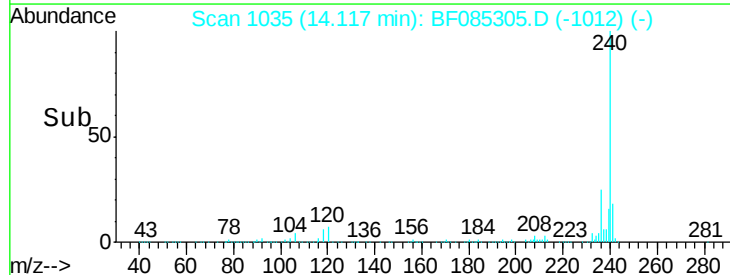
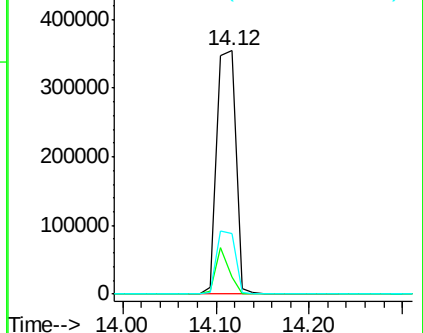
236 25.1 20.7 31.1

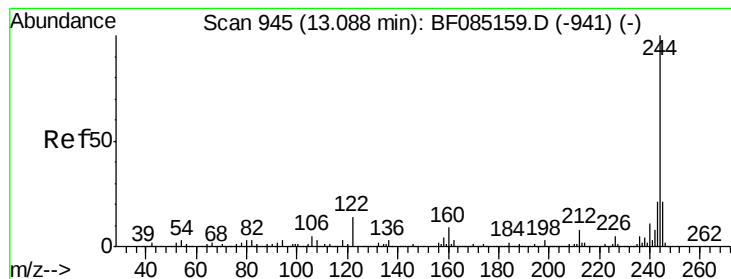


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.27 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB88789BL

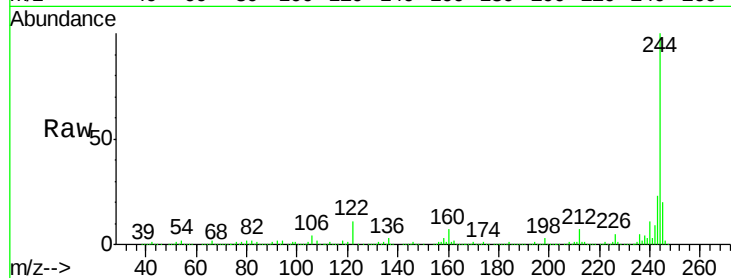
Tgt Ion:244 Resp: 1721855

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

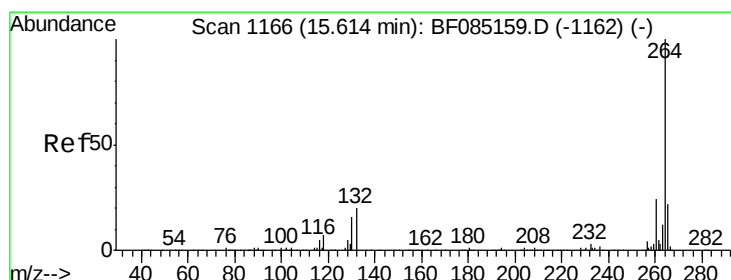
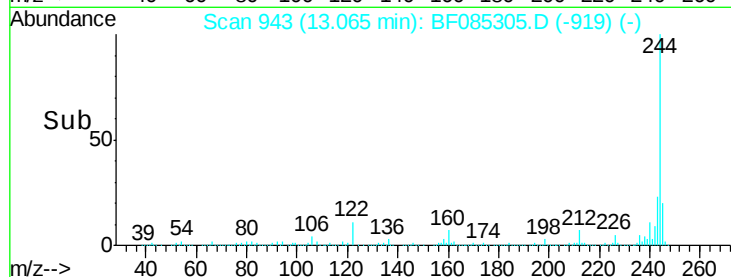
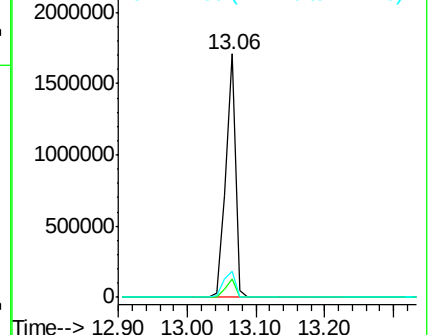
122 10.7 11.4 17.2#



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: 15.57 min Scan# 1162

Delta R.T. -0.05 min

Lab File: BF085305.D

Acq: 9 Mar 2016 18:12

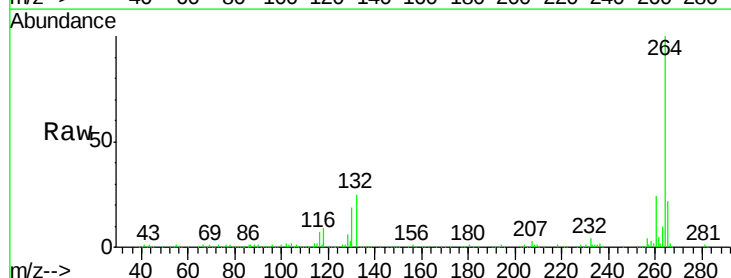
Tgt Ion:264 Resp: 291879

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 17.3 25.9



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

