

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091305.D
 Acq On : 24 Nov 2016 9:54
 Operator : UM/SJ
 Sample : PB94898BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BL

Quant Time: Nov 24 23:43:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

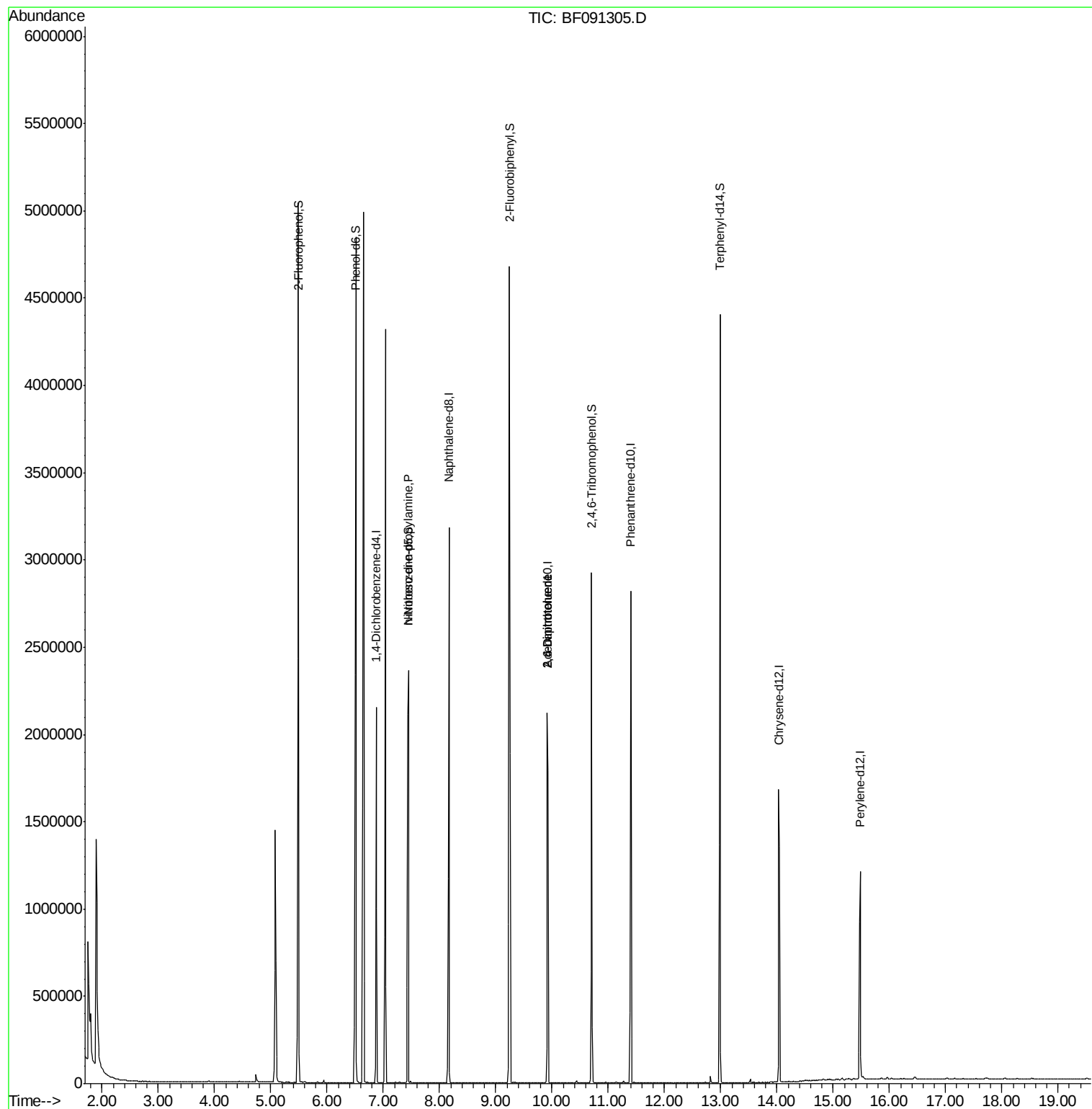
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	350649	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1457601	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	694929	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	963440	20.00	ng	0.00
75) Chrysene-d12	14.03	240	839041	20.00	ng	-0.01
86) Perylene-d12	15.48	264	628536	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1335644	61.20	ng	0.02
7) Phenol-d6	6.51	99	1653770	58.98	ng	0.01
23) Nitrobenzene-d5	7.45	82	1123169	44.36	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	319424	45.58	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1785362	42.07	ng	0.00
78) Terphenyl-d14	12.99	244	1392283	37.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	149088	8.48	ng	# 67
50) 2,6-Dinitrotoluene	9.92	165	92605	9.77	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	92589	7.72	ng	# 34

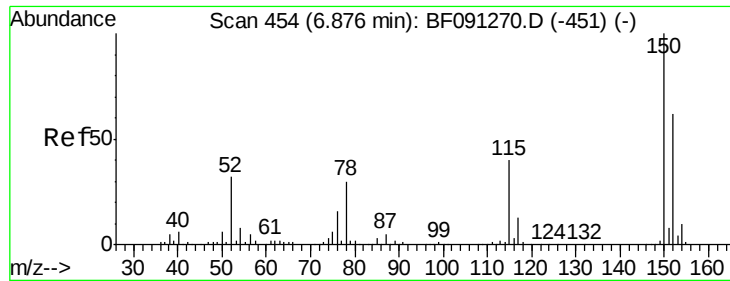
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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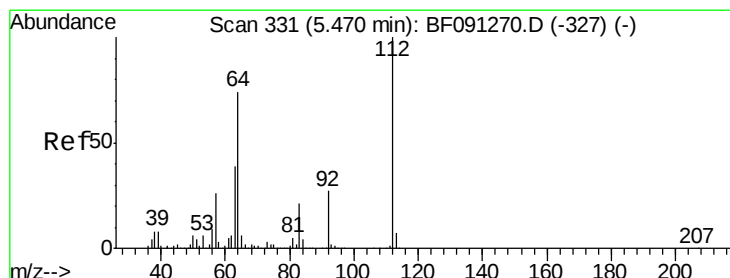
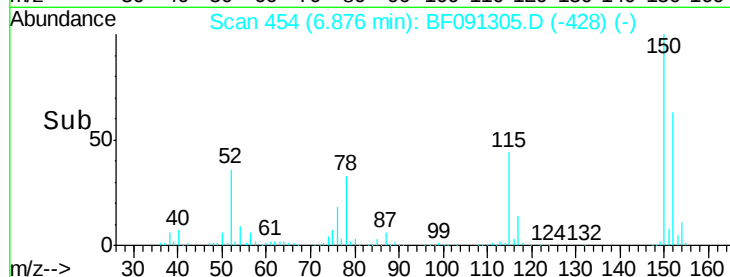
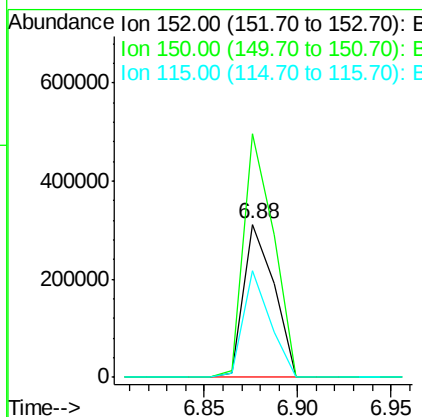
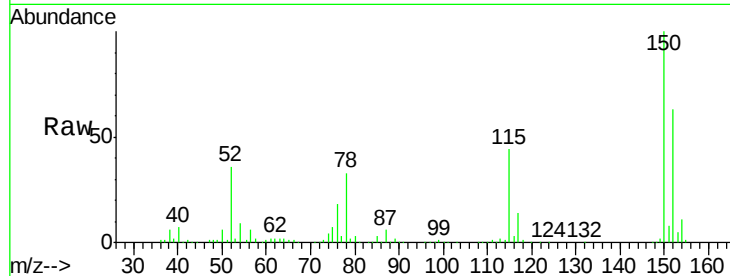




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF091305.D
 Acq: 24 Nov 2016 9:54

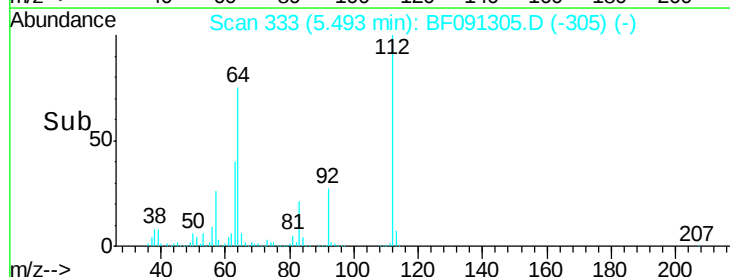
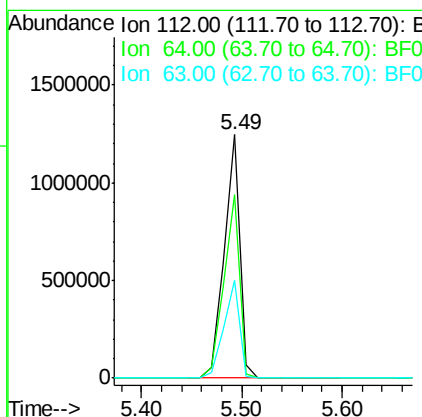
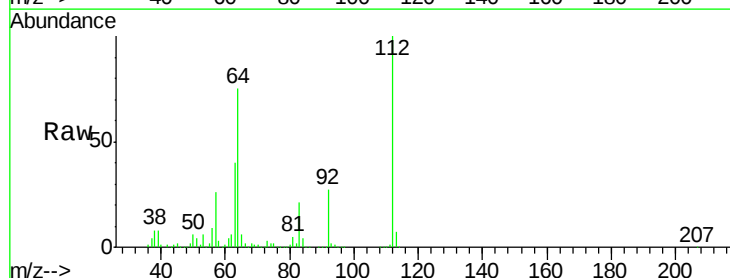
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BL

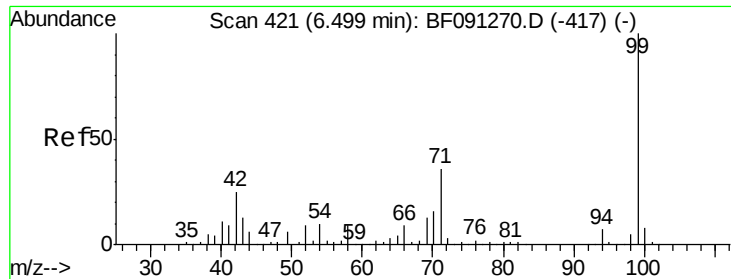
Tgt Ion:152 Resp: 350649
 Ion Ratio Lower Upper
 152 100
 150 159.3 122.5 183.7
 115 70.0 51.8 77.8



#5
 2-Fluorophenol
 Concen: 61.20 ng
 RT: 5.49 min Scan# 333
 Delta R.T. 0.02 min
 Lab File: BF091305.D
 Acq: 24 Nov 2016 9:54

Tgt Ion:112 Resp: 1335644
 Ion Ratio Lower Upper
 112 100
 64 75.2 61.5 92.3
 63 40.2 33.3 49.9





#7

Phenol-d6

Concen: 58.98 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PB94898BL

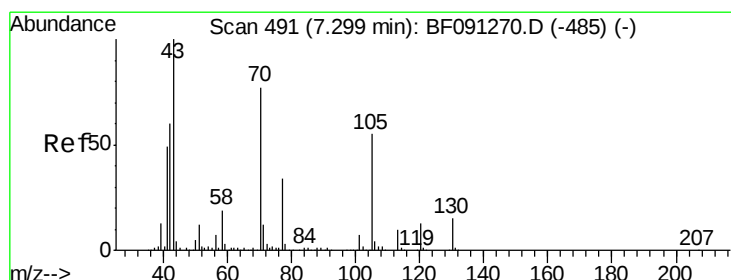
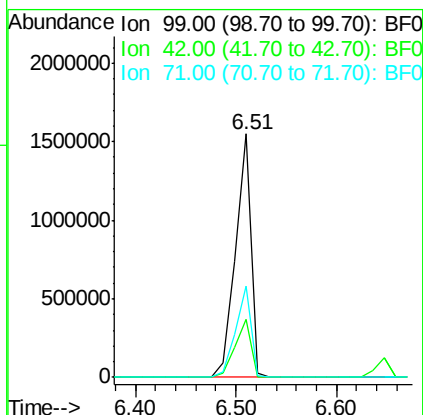
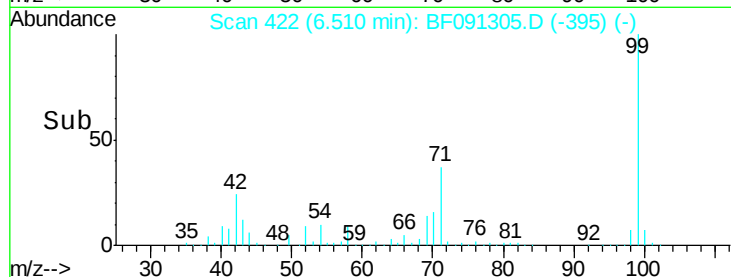
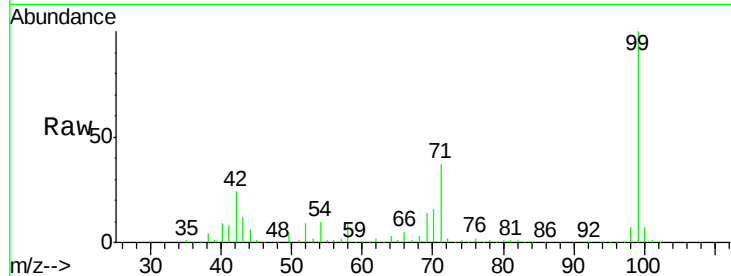
Tgt Ion: 99 Resp: 1653770

Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

71 37.3 29.9 44.9



#19

n-Nitroso-di-n-propylamine

Concen: 8.48 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.15 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Tgt Ion: 70 Resp: 149088

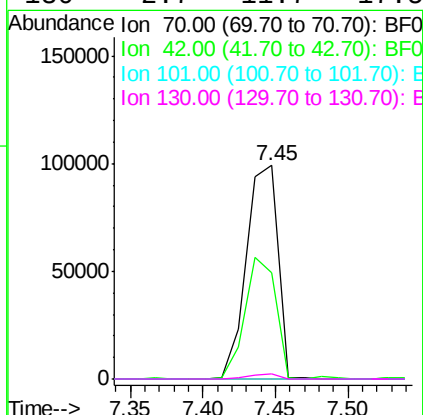
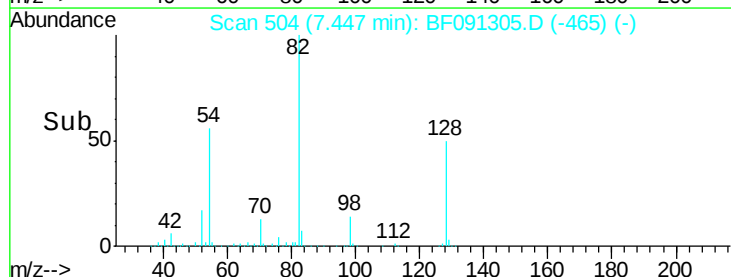
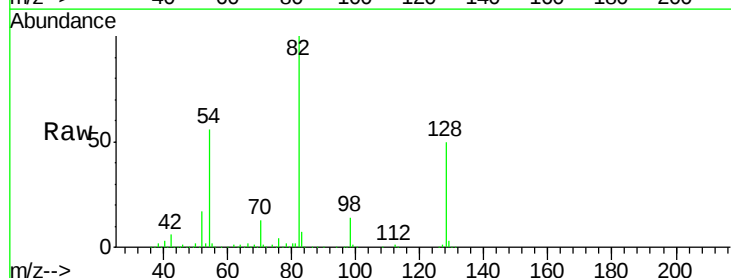
Ion Ratio Lower Upper

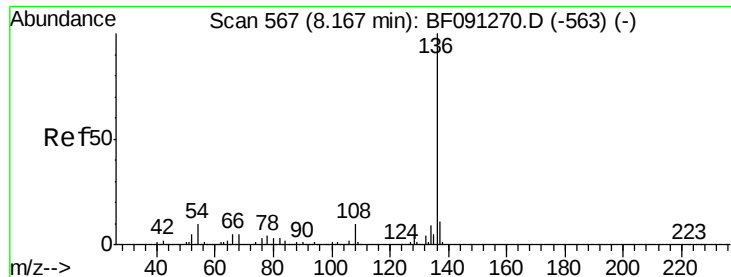
70 100

42 49.7 64.8 97.2#

101 0.0 6.2 9.4#

130 2.7 11.7 17.5#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PB94898BL

Tgt Ion:136 Resp: 1457601

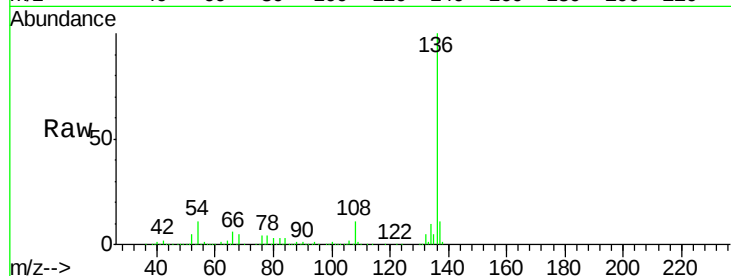
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.5 9.1 13.7

68 5.4 5.9 8.9#

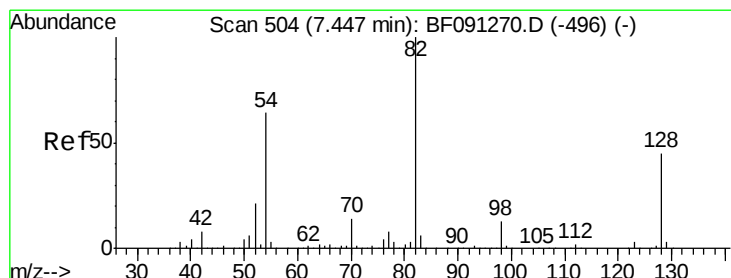
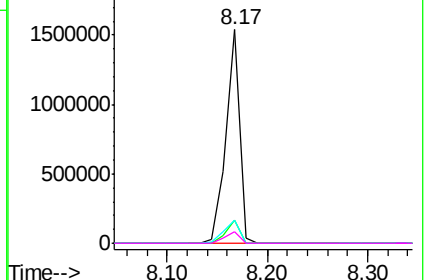
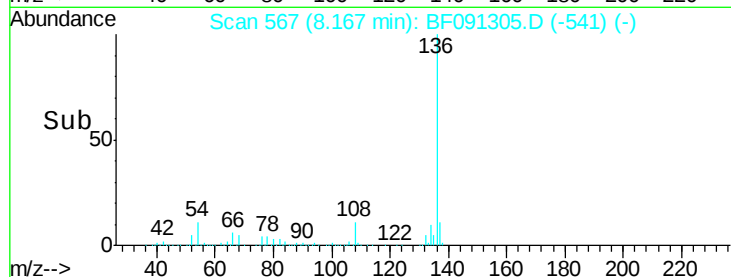


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 44.36 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

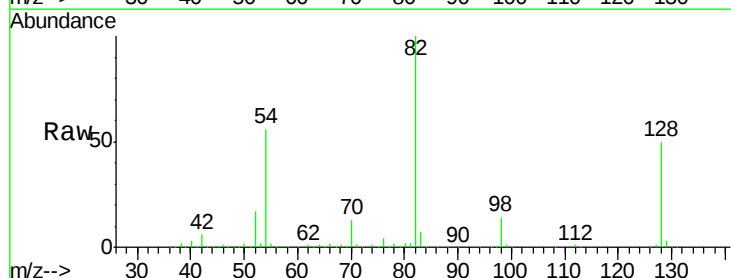
Tgt Ion: 82 Resp: 1123169

Ion Ratio Lower Upper

82 100

128 50.5 31.8 47.6#

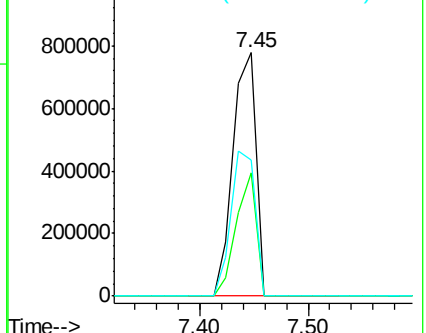
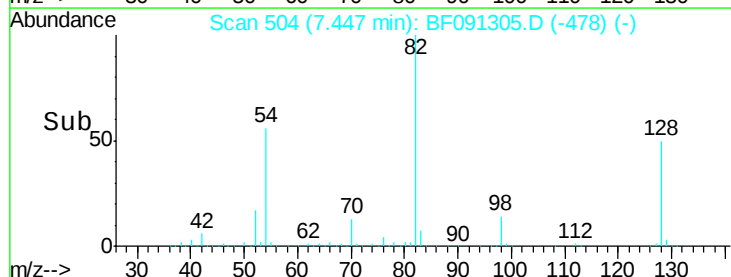
54 56.1 49.1 73.7

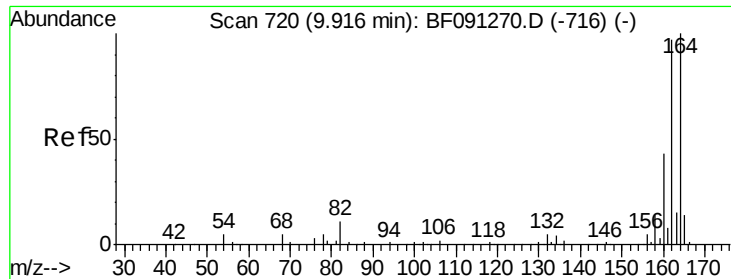


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PB94898BL

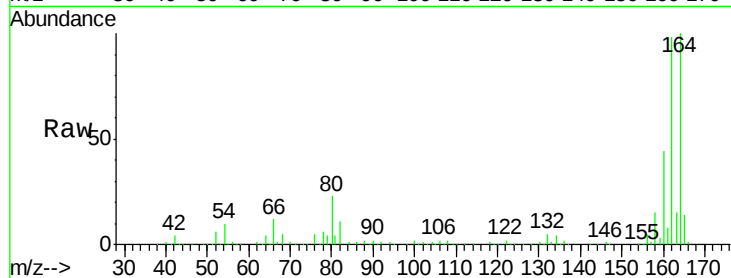
Tgt Ion:164 Resp: 694929

Ion Ratio Lower Upper

164 100

162 97.6 82.6 124.0

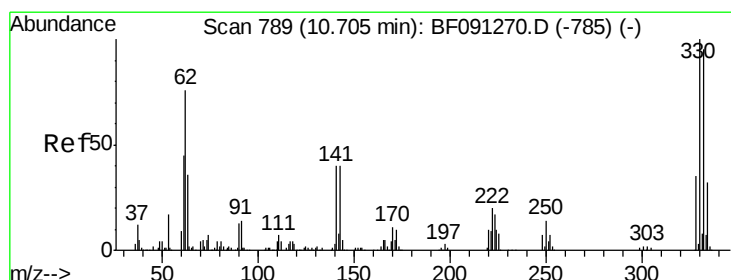
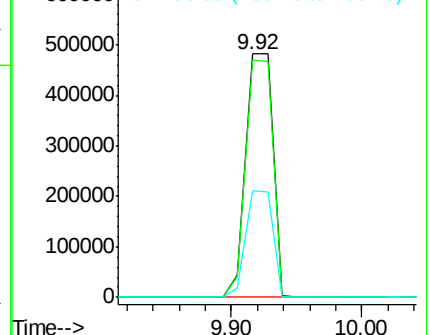
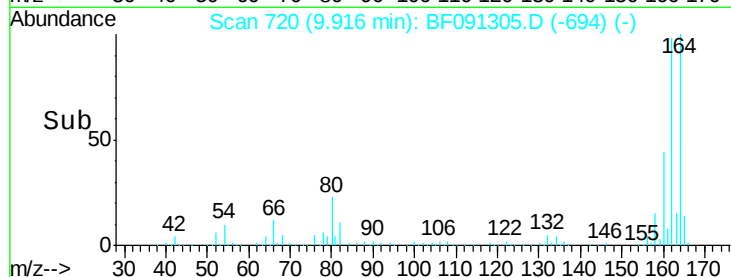
160 43.9 36.7 55.1



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: 45.58 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

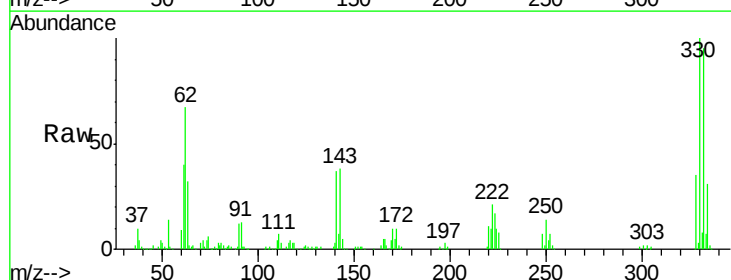
Tgt Ion:330 Resp: 319424

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

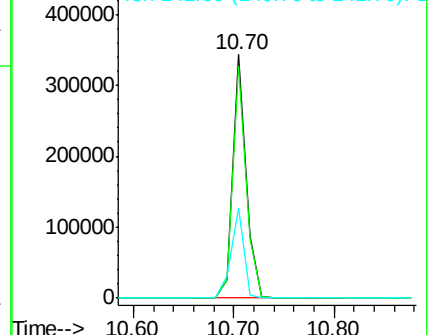
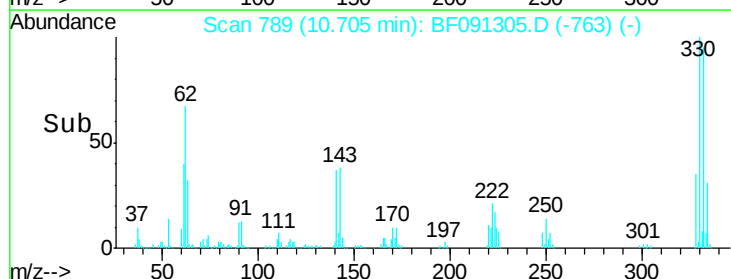
141 35.1 33.6 50.4

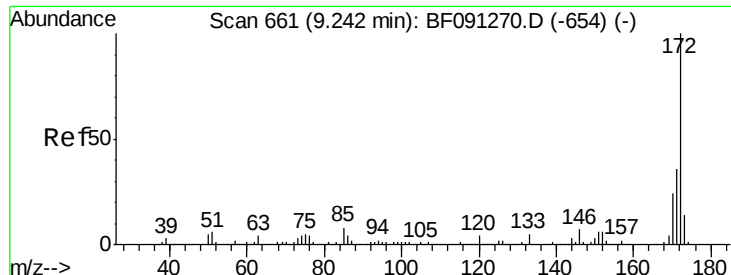


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

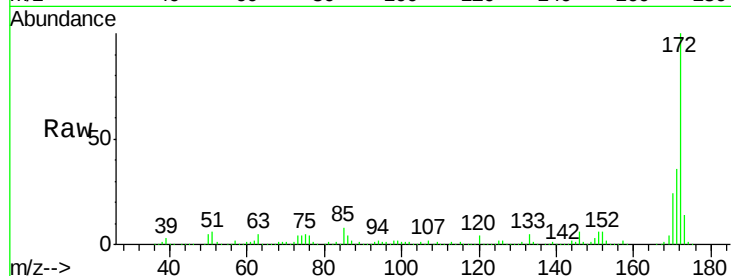




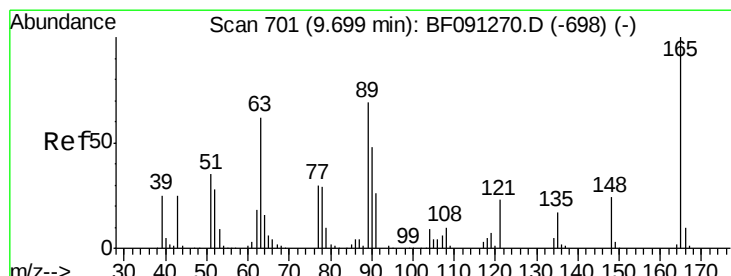
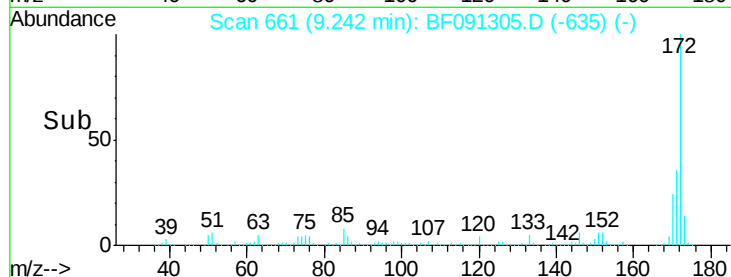
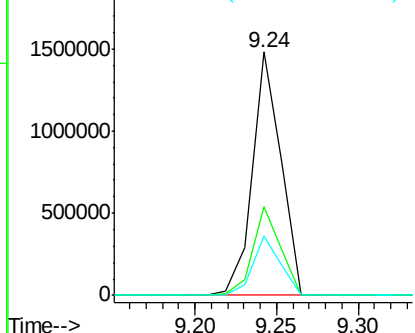
#44
 2-Fluorobiphenyl
 Concen: 42.07 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091305.D
 Acq: 24 Nov 2016 9:54

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BL

Tgt Ion:172 Resp: 1785362
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 19.7 29.5

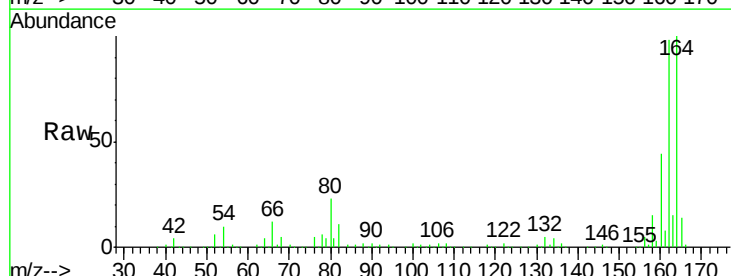


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

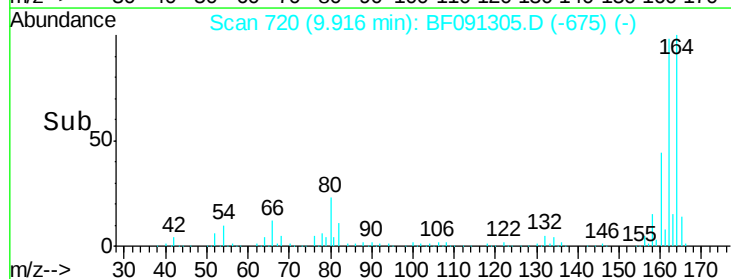
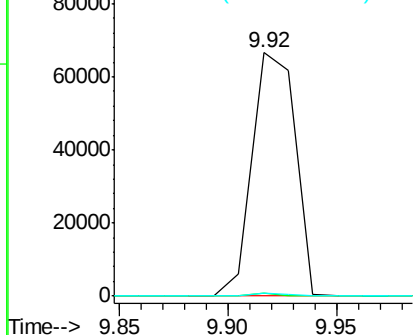


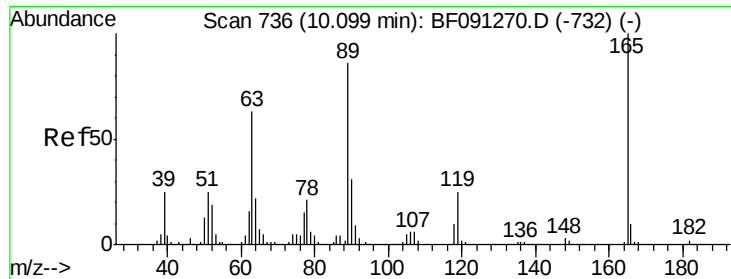
#50
 2,6-Dinitrotoluene
 Concen: 9.77 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.22 min
 Lab File: BF091305.D
 Acq: 24 Nov 2016 9:54

Tgt Ion:165 Resp: 92605
 Ion Ratio Lower Upper
 165 100
 63 1.2 59.4 89.0#
 89 1.3 50.8 76.2#



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

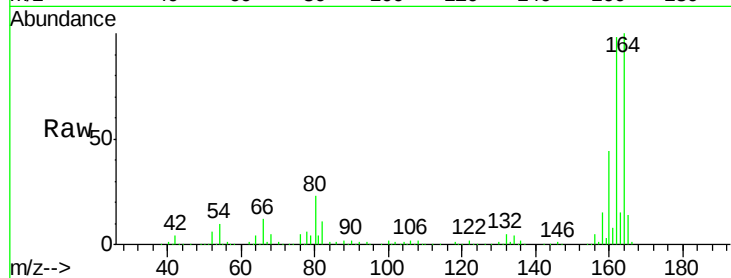




#56
2,4-Dinitrotoluene
Concen: 7.72 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.18 min
Lab File: BF091305.D
Acq: 24 Nov 2016 9:54

Instrument :
BNA_F
ClientSampleId :
PB94898BL

Tgt Ion:	165	Resp:	92589
Ion Ratio	Lower	Upper	
165	100		
63	1.2	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#

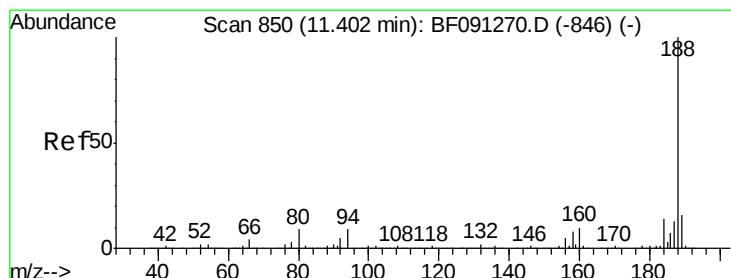
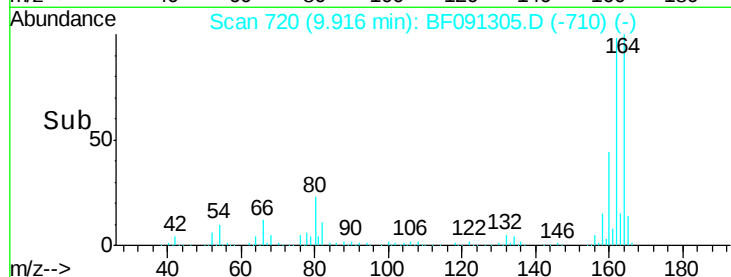
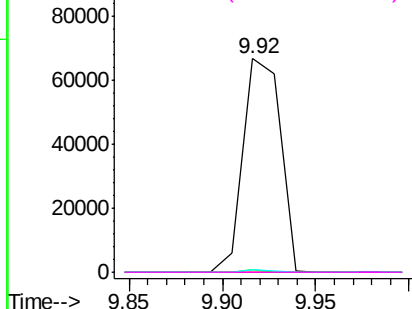


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

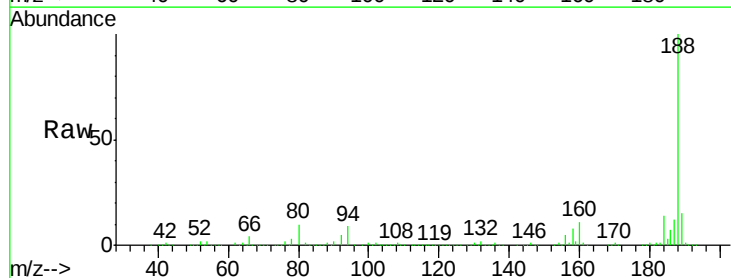
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091305.D
Acq: 24 Nov 2016 9:54

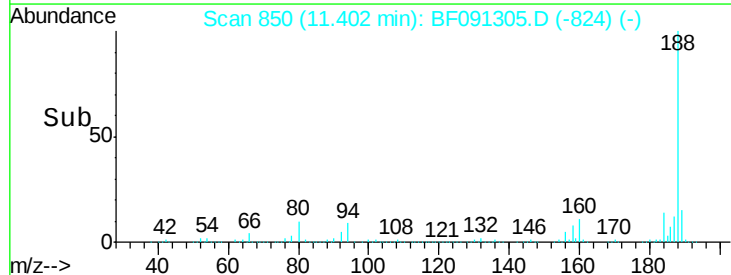
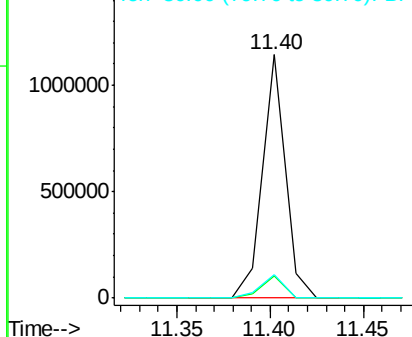
Tgt Ion:	188	Resp:	963440
Ion Ratio	Lower	Upper	
188	100		
94	9.3	9.2	13.8
80	9.8	10.5	15.7#

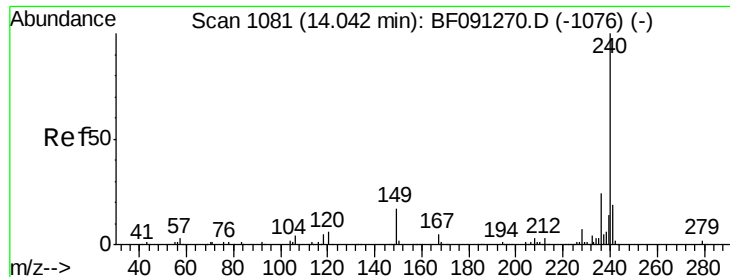


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

Instrument :

BNA_F

ClientSampleId :

PB94898BL

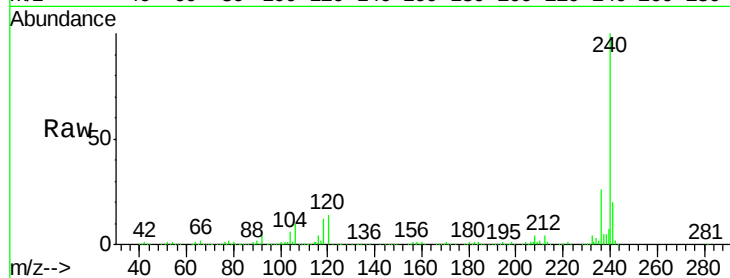
Tgt Ion:240 Resp: 839041

Ion Ratio Lower Upper

240 100

120 13.9 12.1 18.1

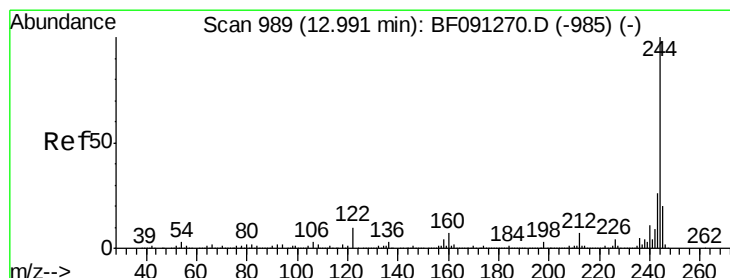
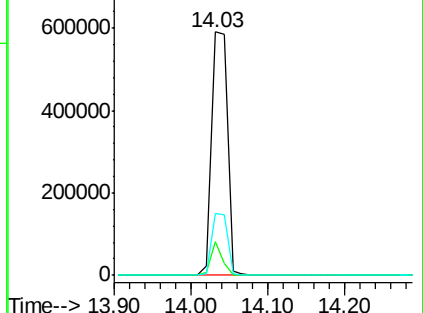
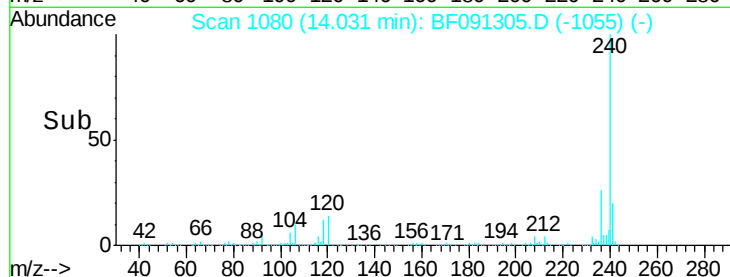
236 25.6 21.0 31.6



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: 37.90 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091305.D

Acq: 24 Nov 2016 9:54

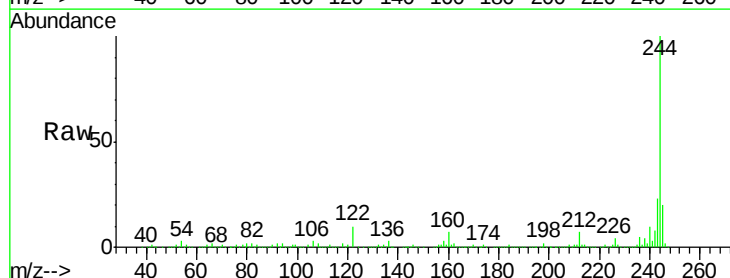
Tgt Ion:244 Resp: 1392283

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

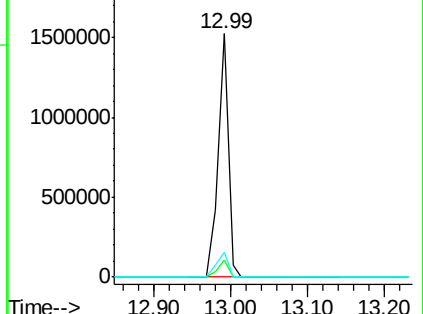
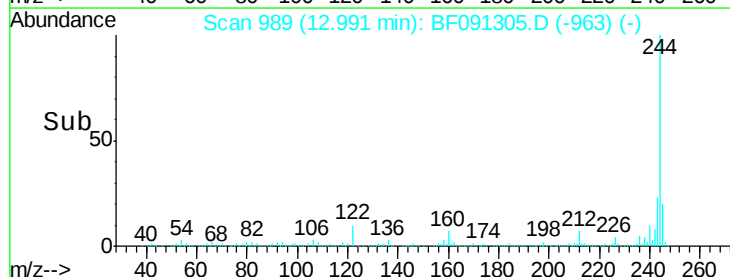
122 10.2 9.5 14.3

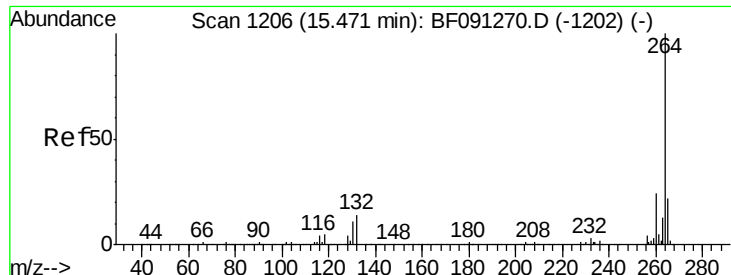


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

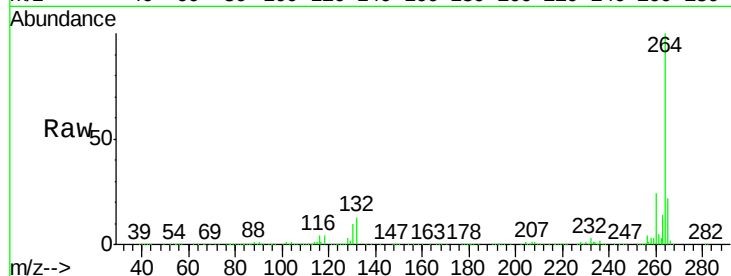




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091305.D
Acq: 24 Nov 2016 9:54

Instrument :
BNA_F
ClientSampleId :
PB94898BL

Tgt Ion: 264 Resp: 628536
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 22.0 17.0 25.6



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

