

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090850.D
 Acq On : 26 Oct 2016 19:55
 Operator : UM/SJ
 Sample : PB94315TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94315TB

Quant Time: Oct 27 01:21:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

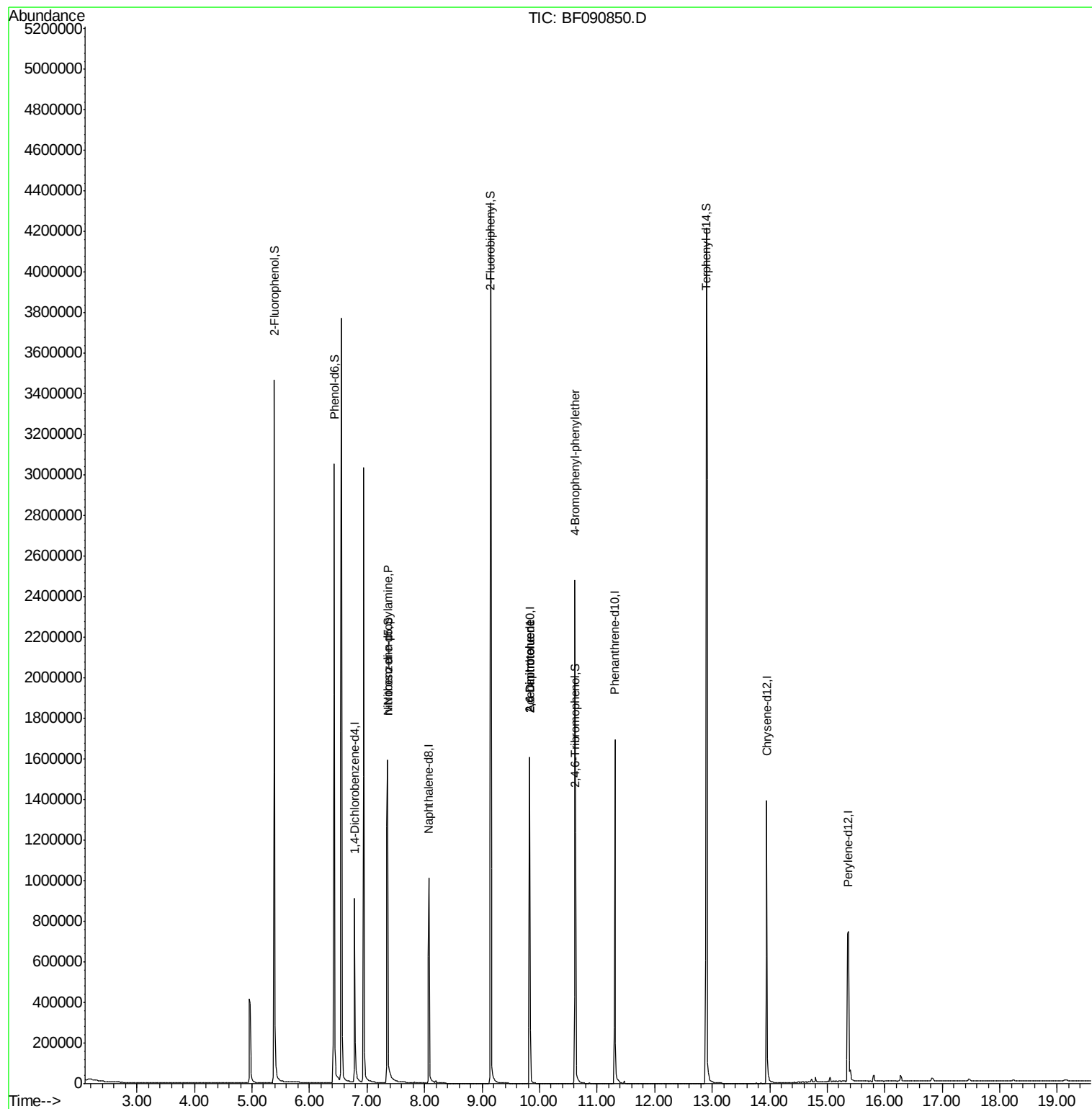
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	166989	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	684226	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	364410	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	664363	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	593651	20.00	ng	-0.01
86) Perylene-d12	15.37	264	448841	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1178793	123.42	ng	0.00
7) Phenol-d6	6.43	99	1557012	120.84	ng	-0.01
23) Nitrobenzene-d5	7.36	82	892024	85.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	452629	120.86	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1673285	80.63	ng	-0.02
78) Terphenyl-d14	12.90	244	2009693	85.29	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	112954	15.16	ng	# 47
50) 2,6-Dinitrotoluene	9.82	165	46616	8.67	ng	# 38
56) 2,4-Dinitrotoluene	9.82	165	46897	7.02	ng	# 33
66) 4-Bromophenyl-phenylether	10.61	248	27512	3.78	ng	# 1

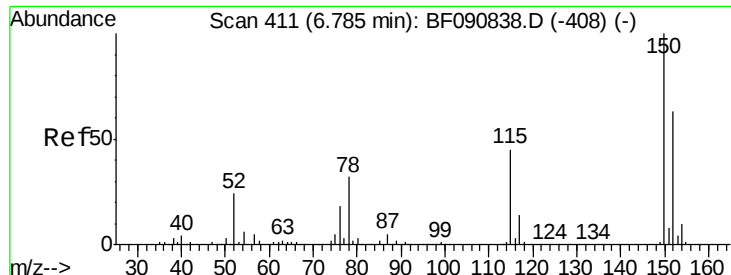
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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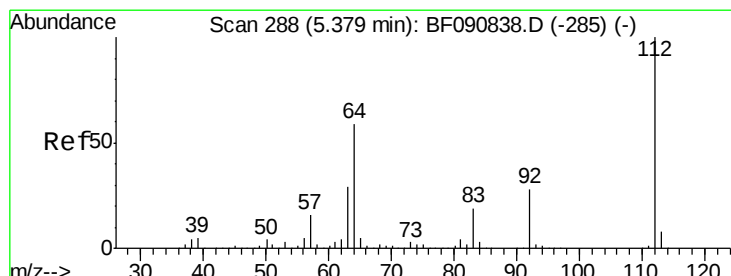
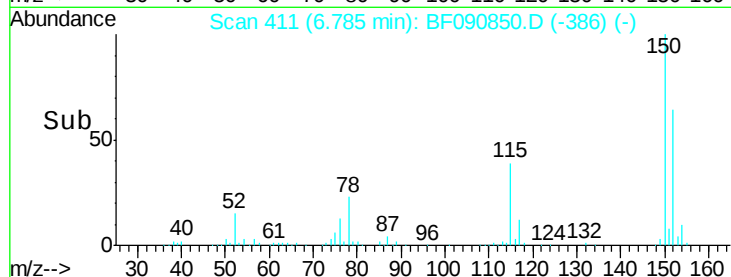
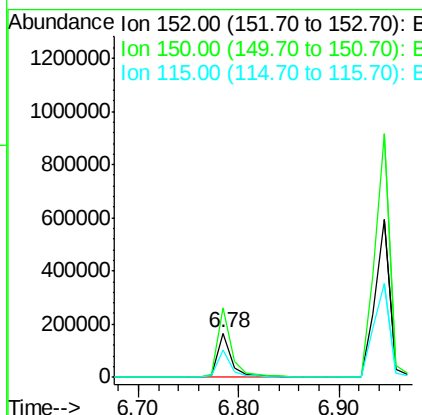
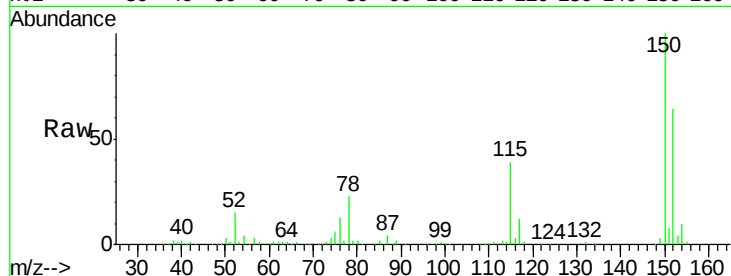




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF090850.D
 Acq: 26 Oct 2016 19:55

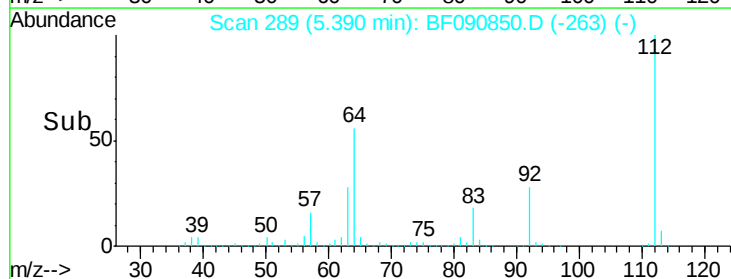
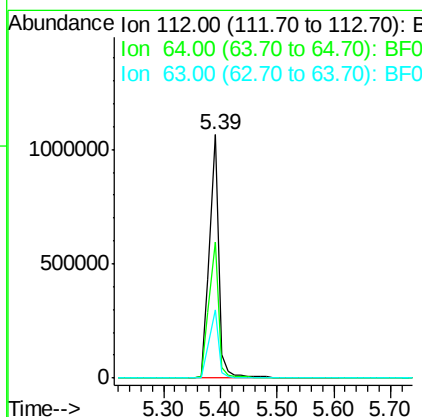
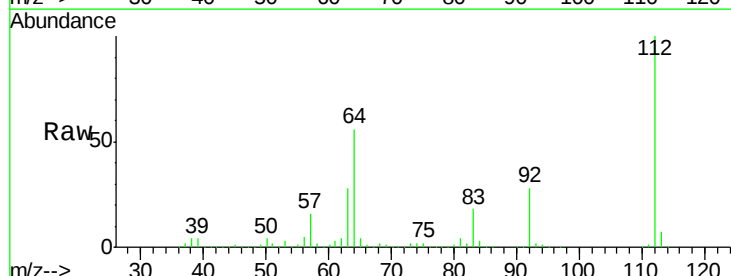
Instrument :
 BNA_F
 ClientSampleId :
 PB94315TB

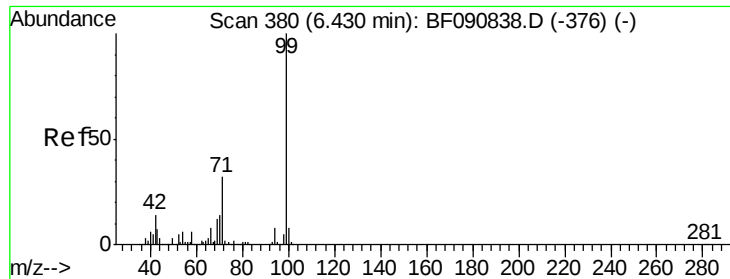
Tgt Ion:152 Resp: 166989
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.7 187.1
 115 60.5 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 123.42 ng
 RT: 5.39 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: BF090850.D
 Acq: 26 Oct 2016 19:55

Tgt Ion:112 Resp: 1178793
 Ion Ratio Lower Upper
 112 100
 64 55.9 39.7 59.5
 63 28.1 17.4 26.0#





#7

Phenol-d6

Concen: 120.84 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB94315TB

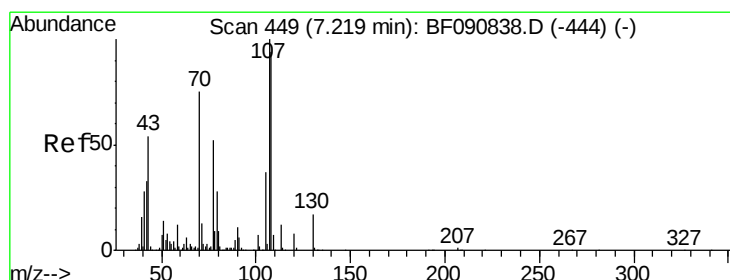
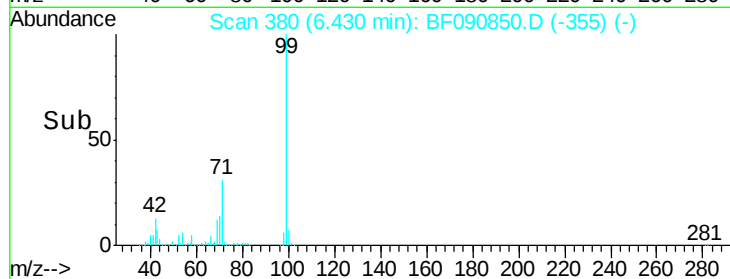
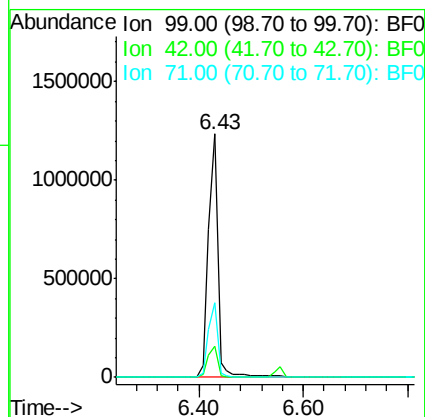
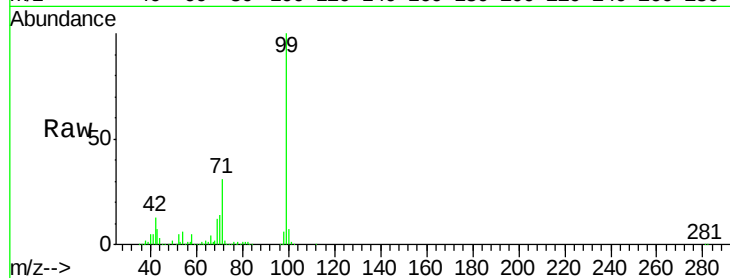
Tgt Ion: 99 Resp: 1557012

Ion Ratio Lower Upper

99 100

42 12.9 13.7 20.5#

71 30.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.16 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.13 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

Tgt Ion: 70 Resp: 112954

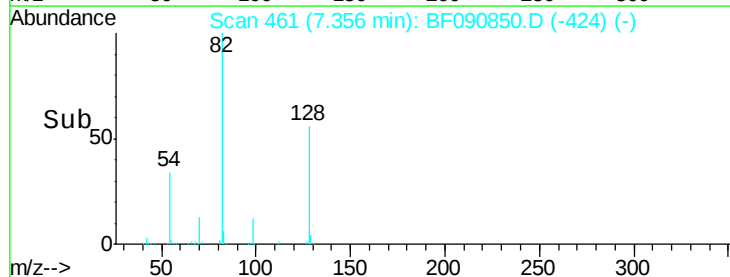
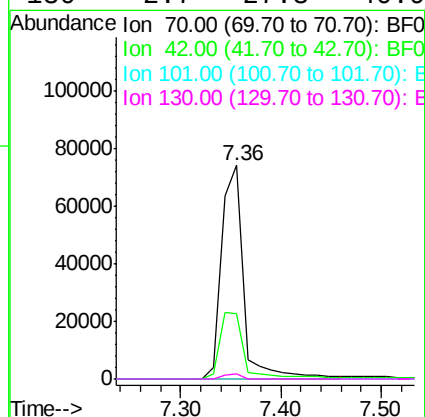
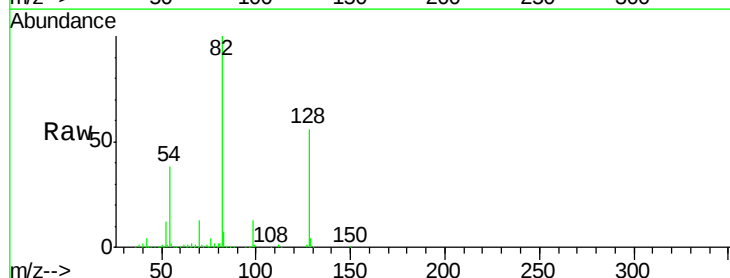
Ion Ratio Lower Upper

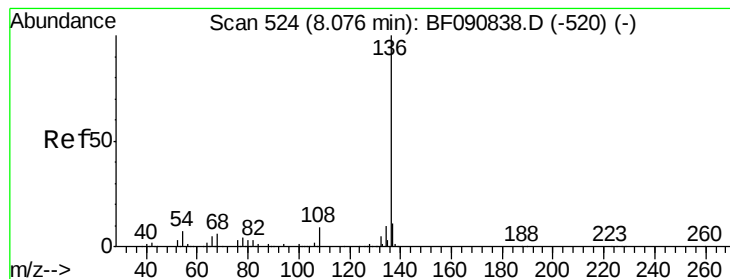
70 100

42 30.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.7 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB94315TB

Tgt Ion:136 Resp: 684226

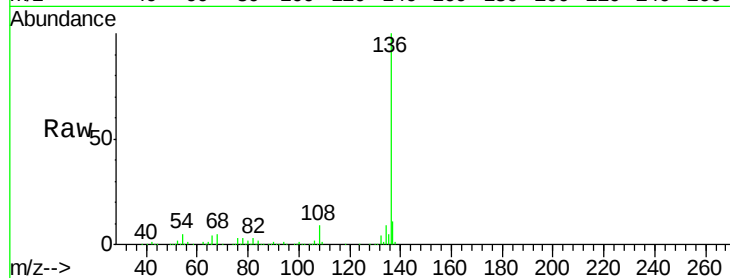
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 5.2 8.2 12.2#

68 5.1 5.8 8.6#

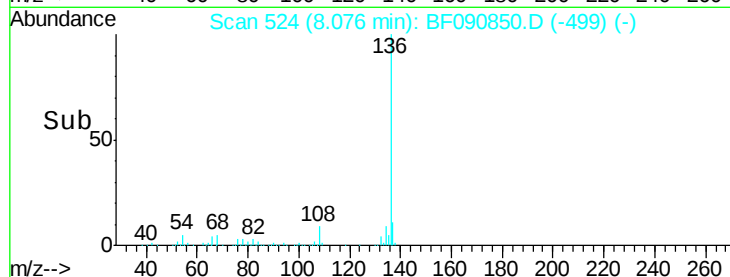


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

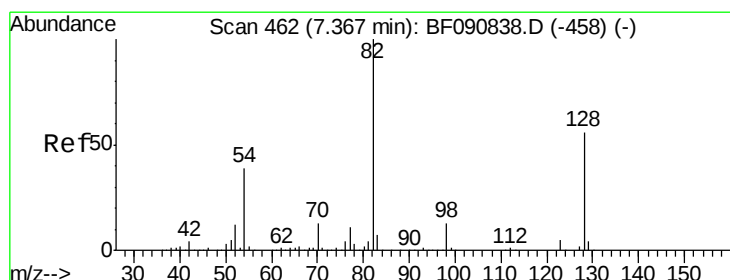
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.08



#23

Nitrobenzene-d5

Concen: 85.35 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

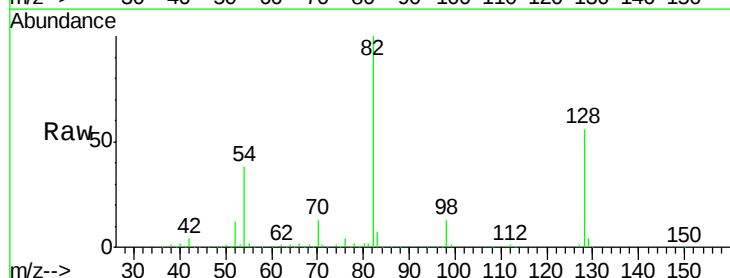
Tgt Ion: 82 Resp: 892024

Ion Ratio Lower Upper

82 100

128 56.2 51.0 76.6

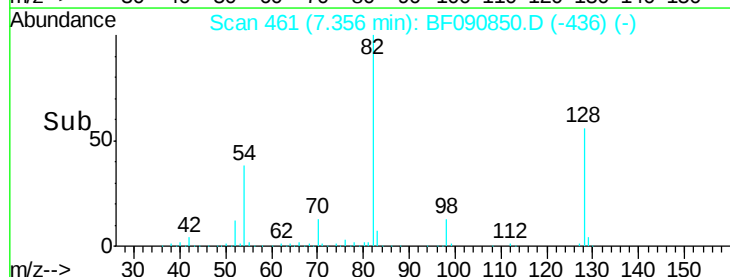
54 37.7 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

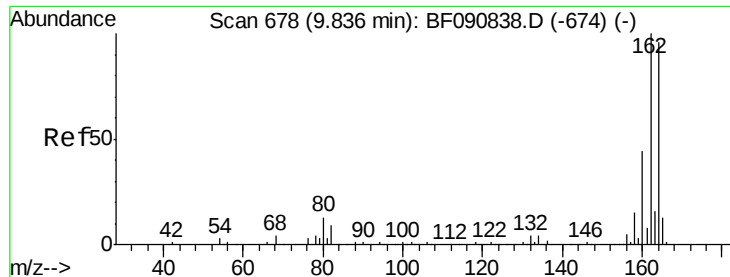
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.36



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB94315TB

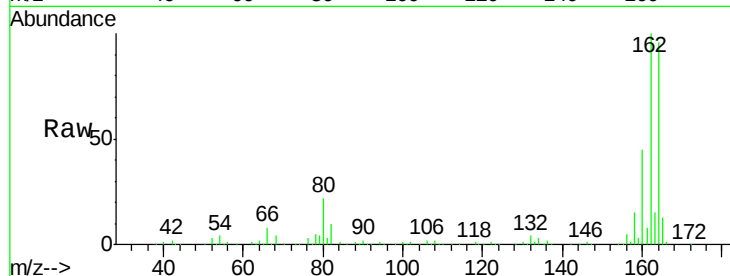
Tgt Ion:164 Resp: 364410

Ion Ratio Lower Upper

164 100

162 104.6 75.2 112.8

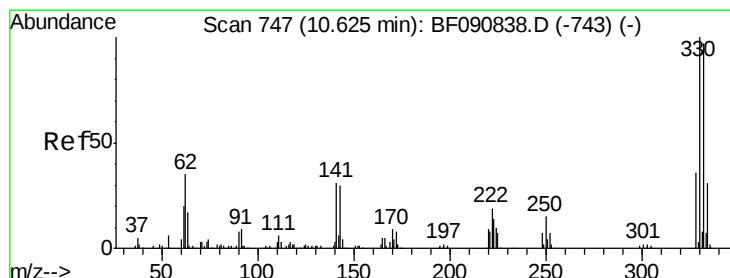
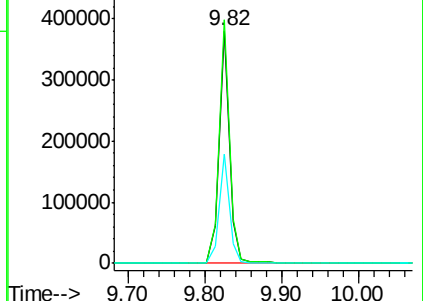
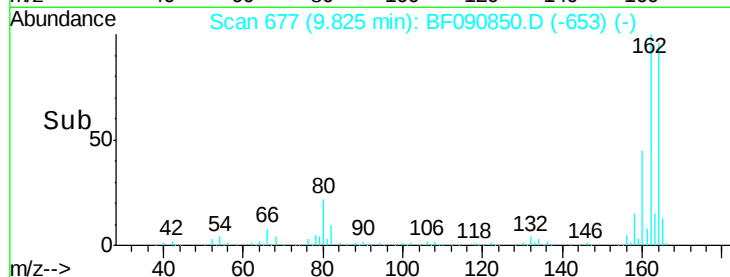
160 47.0 31.5 47.3



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: 120.86 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

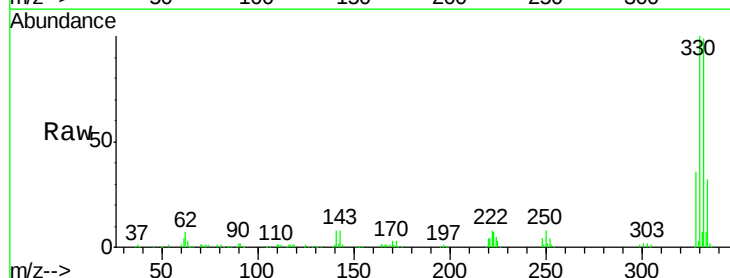
Tgt Ion:330 Resp: 452629

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

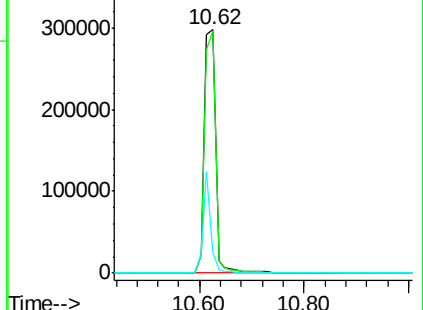
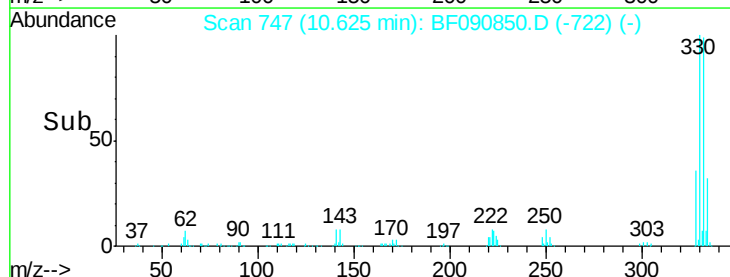
141 28.3 29.7 44.5#

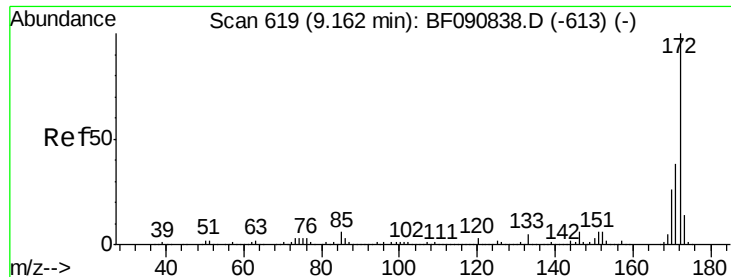


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

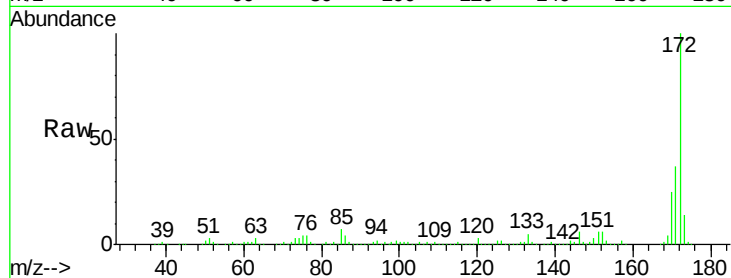




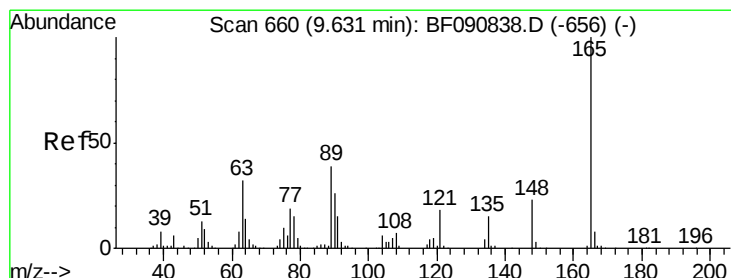
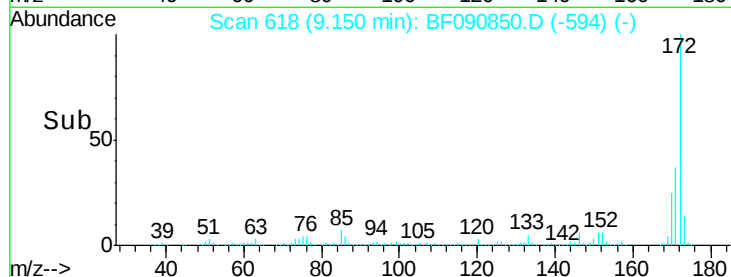
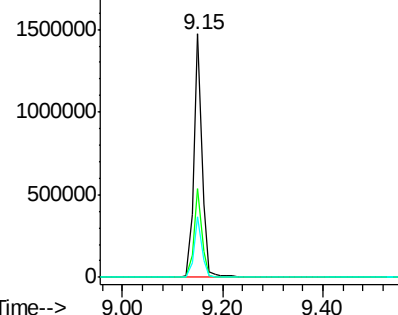
#44
 2-Fluorobiphenyl
 Concen: 80.63 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090850.D
 Acq: 26 Oct 2016 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB94315TB

Tgt Ion:172 Resp: 1673285
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.9 17.4 26.2

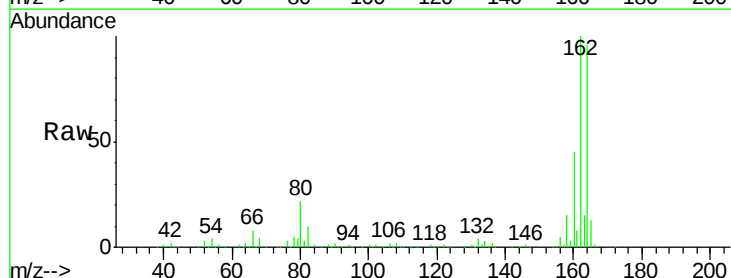


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

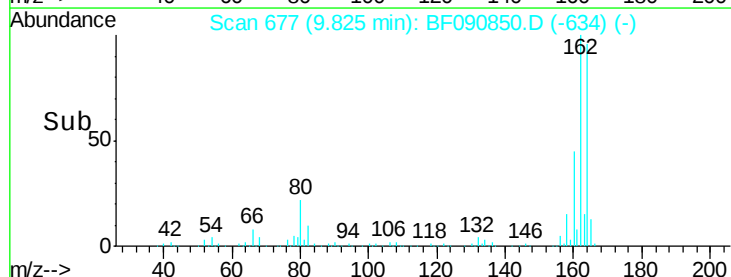
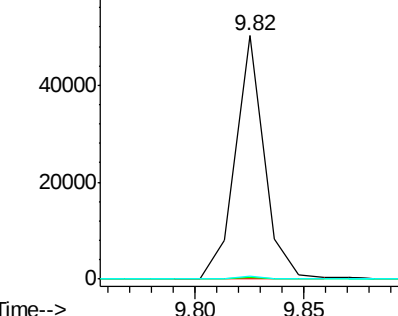


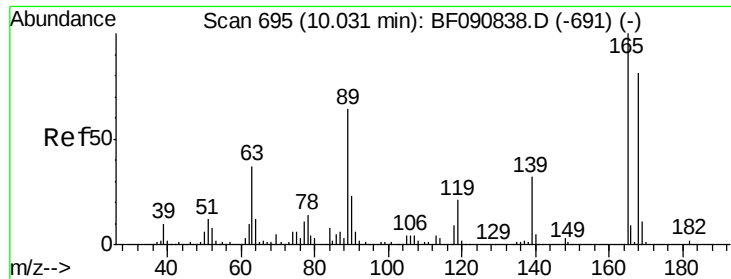
#50
 2,6-Dinitrotoluene
 Concen: 8.67 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF090850.D
 Acq: 26 Oct 2016 19:55

Tgt Ion:165 Resp: 46616
 Ion Ratio Lower Upper
 165 100
 63 0.7 32.3 48.5#
 89 1.0 28.6 43.0#



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

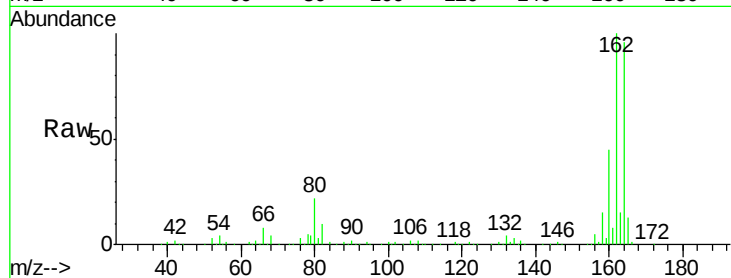




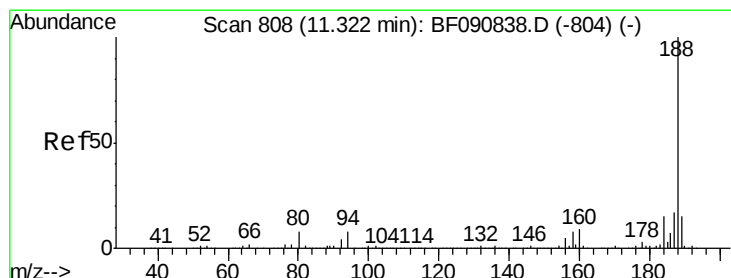
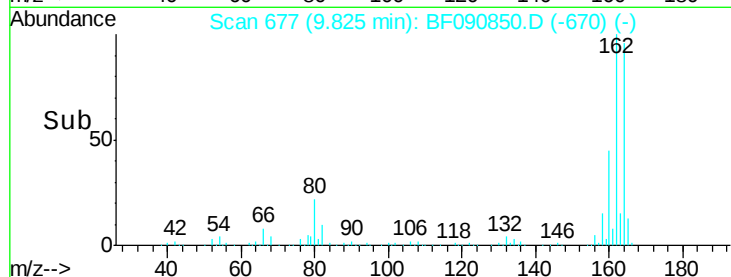
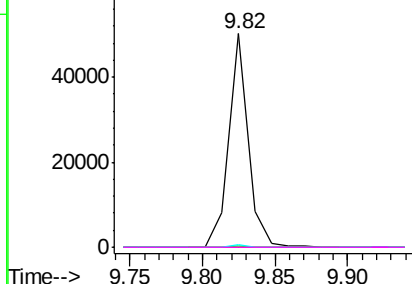
#56
 2,4-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.22 min
 Lab File: BF090850.D
 Acq: 26 Oct 2016 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB94315TB

Tgt Ion:	165	Resp:	46897
Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

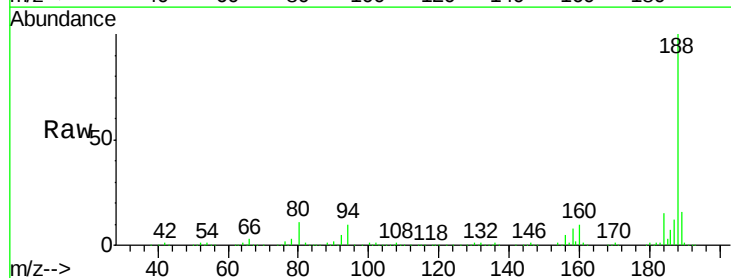


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

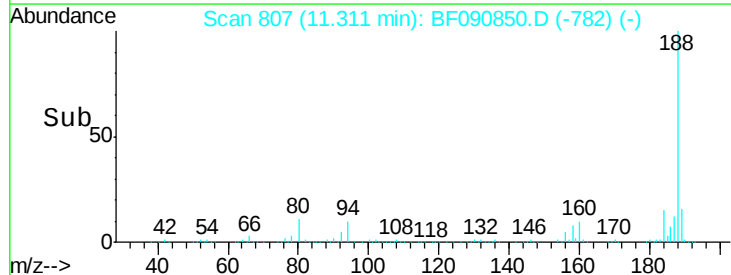
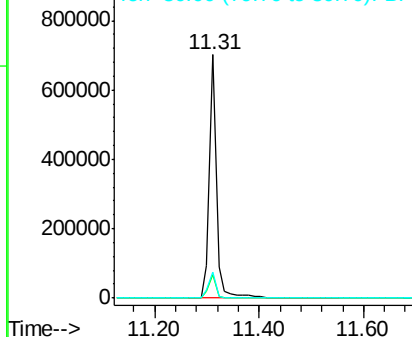


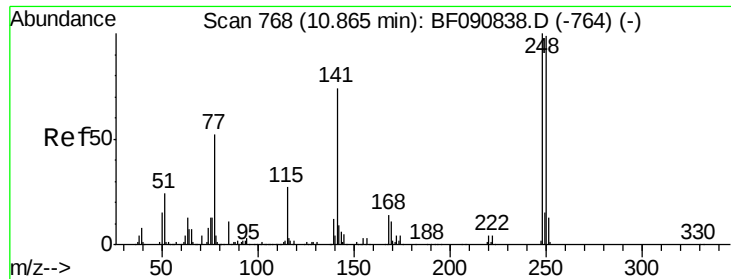
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090850.D
 Acq: 26 Oct 2016 19:55

Tgt Ion:	188	Resp:	664363
Ion	Ratio	Lower	Upper
188	100		
94	9.8	11.1	16.7#
80	10.6	11.0	16.4#



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: 3.78 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.26 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB94315TB

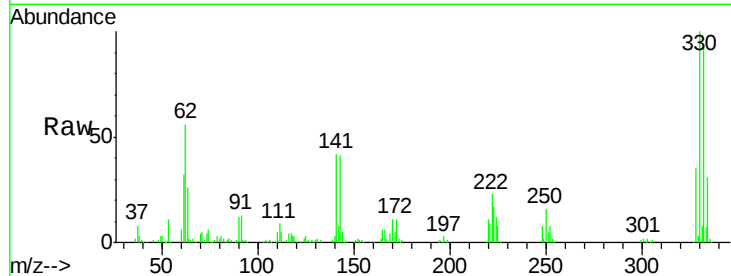
Tgt Ion:248 Resp: 27512

Ion Ratio Lower Upper

248 100

250 193.9 78.5 117.7#

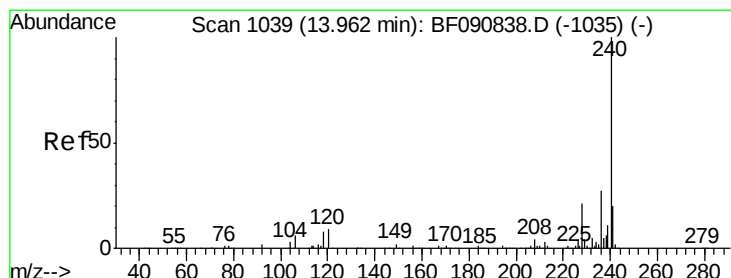
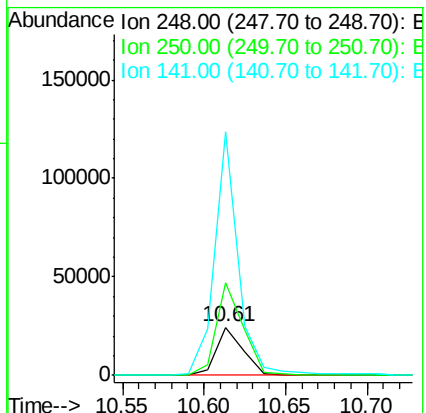
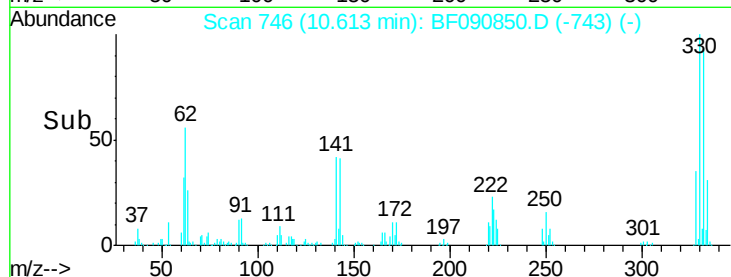
141 507.5 59.0 88.6#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

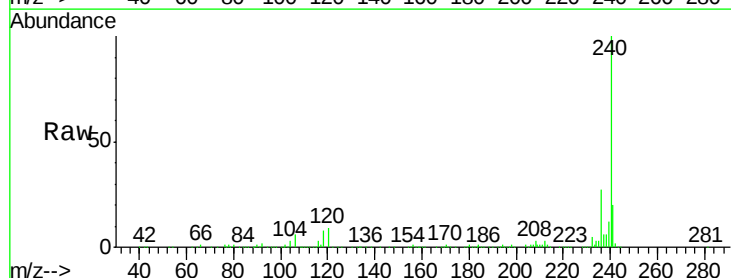
Tgt Ion:240 Resp: 593651

Ion Ratio Lower Upper

240 100

120 9.2 16.2 24.2#

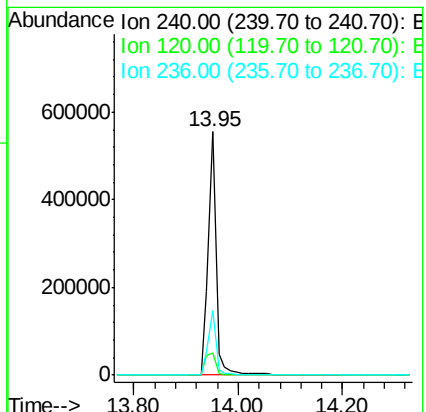
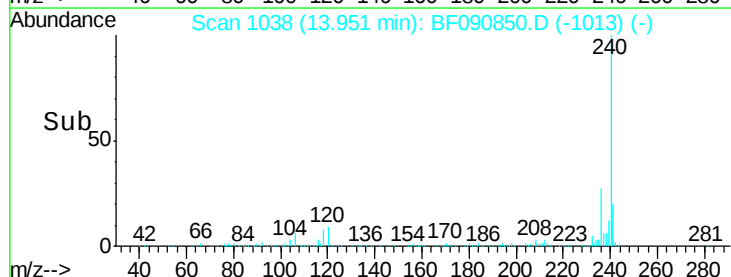
236 26.6 18.4 27.6

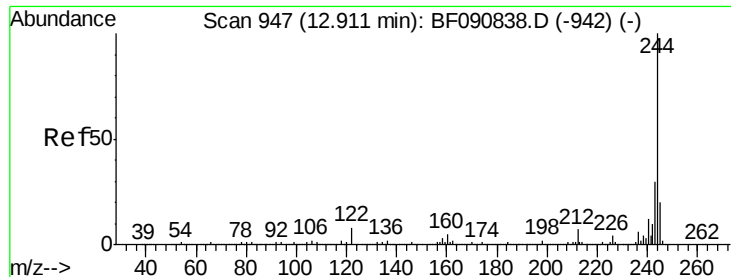


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.29 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

Instrument :

BNA_F

ClientSampleId :

PB94315TB

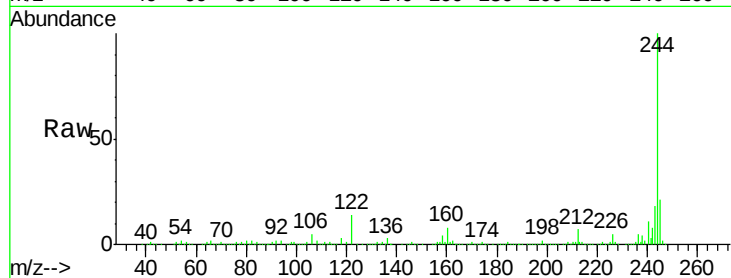
Tgt Ion:244 Resp: 2009693

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

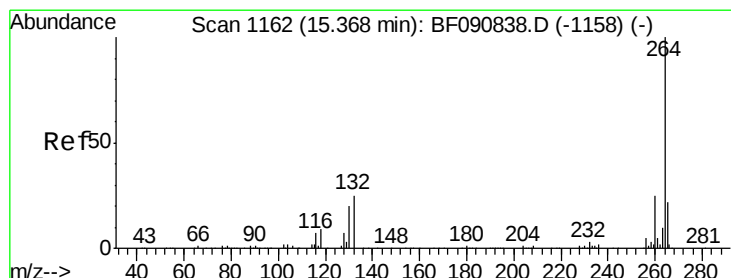
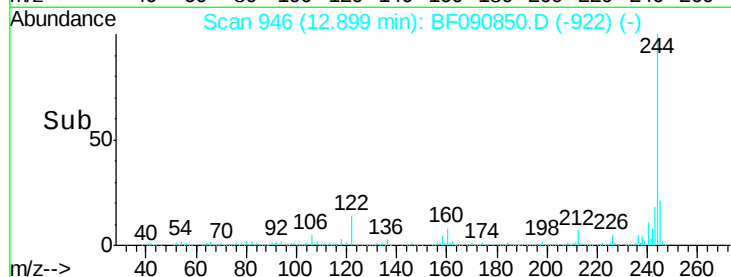
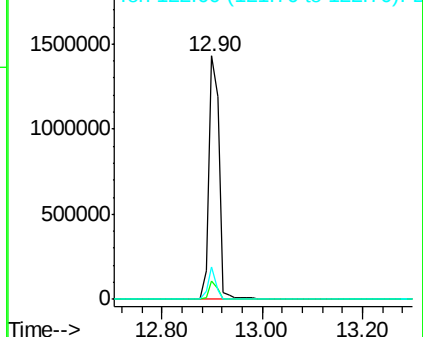
122 13.6 17.4 26.2#



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: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF090850.D

Acq: 26 Oct 2016 19:55

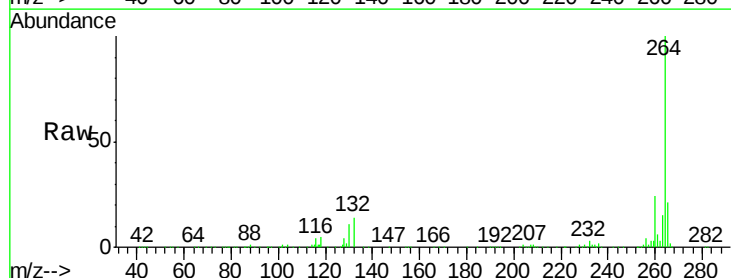
Tgt Ion:264 Resp: 448841

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

265 21.2 17.2 25.8



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

