

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092616\
 Data File : BF090235.D
 Acq On : 26 Sep 2016 21:34
 Operator : UM/SJ
 Sample : H4946-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05S-092216

Quant Time: Sep 27 01:21:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

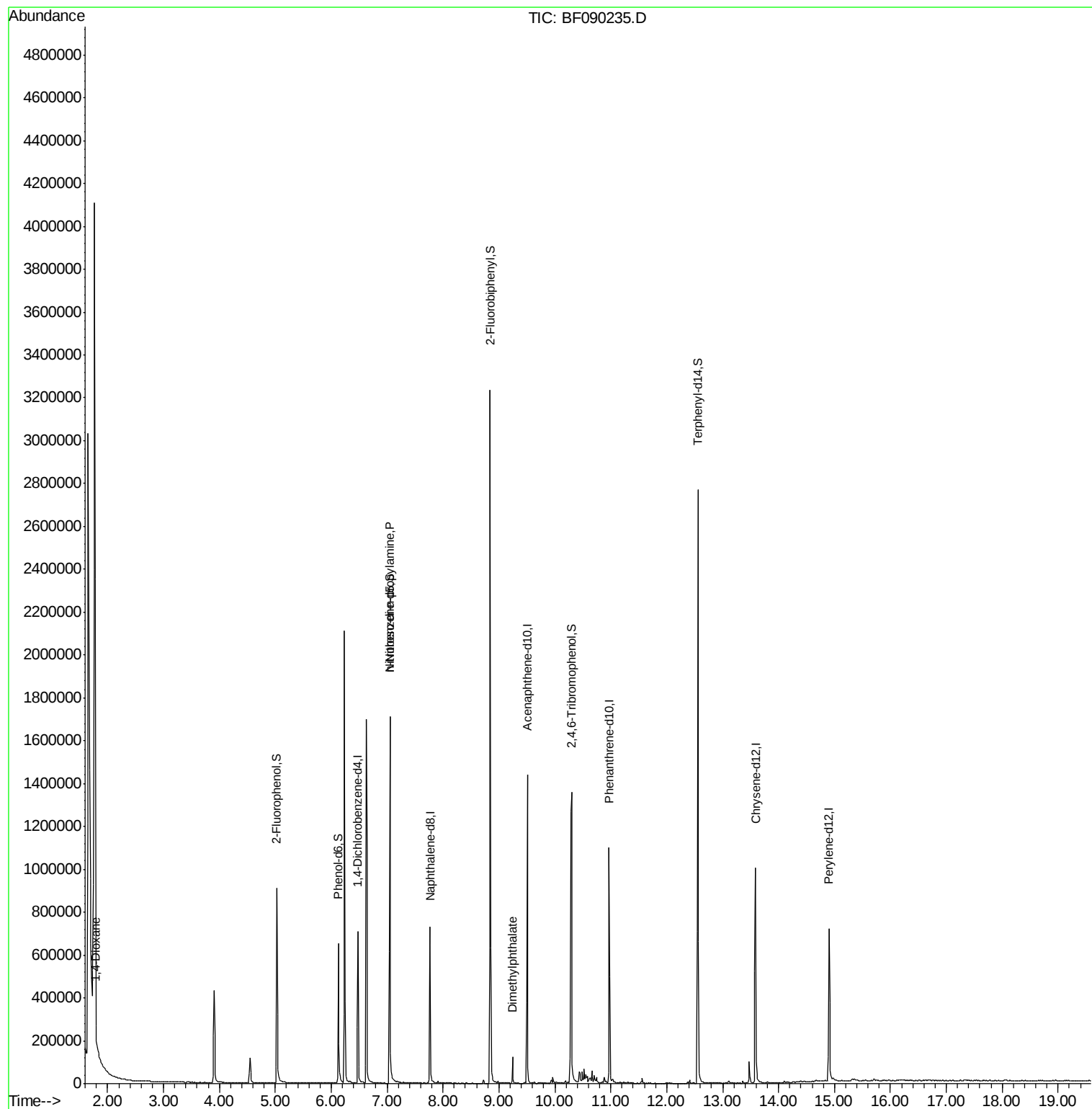
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	135475	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	538487	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	327499	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	490521	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	443757	20.00	ng	-0.01
86) Perylene-d12	14.90	264	332902	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	339475	40.84	ng	0.00
7) Phenol-d6	6.12	99	291715	28.42	ng	-0.01
23) Nitrobenzene-d5	7.05	82	689695	74.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	292936	104.26	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1115596	66.87	ng	-0.01
78) Terphenyl-d14	12.56	244	978351	55.97	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.79	88	18163	4.03	ng	# 25
19) n-Nitroso-di-n-propylamine	7.05	70	79905	13.25	ng	# 78
49) Dimethylphthalate	9.24	163	53306	2.56	ng	99

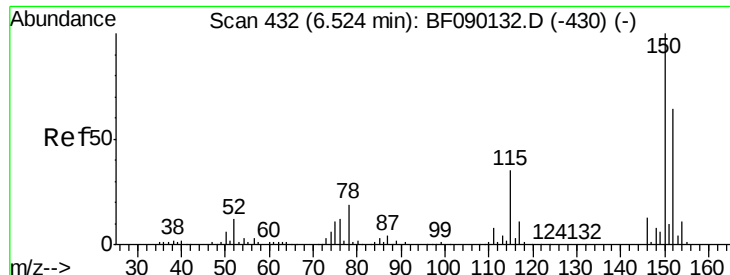
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

Instrument :

BNA_F

ClientSampleId :

MW-05S-092216

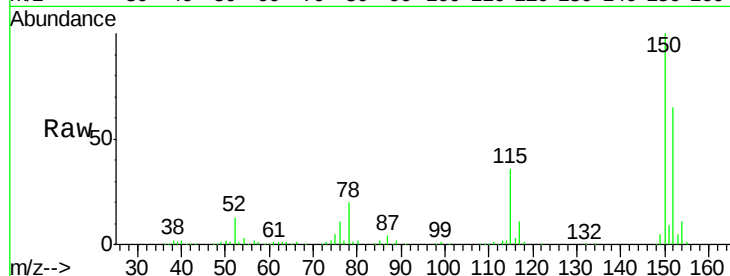
Tgt Ion:152 Resp: 135475

Ion Ratio Lower Upper

152 100

150 153.9 128.9 193.3

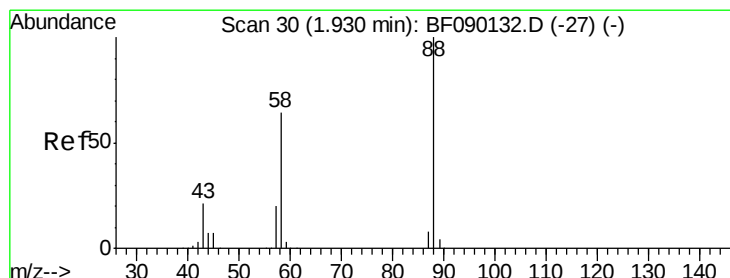
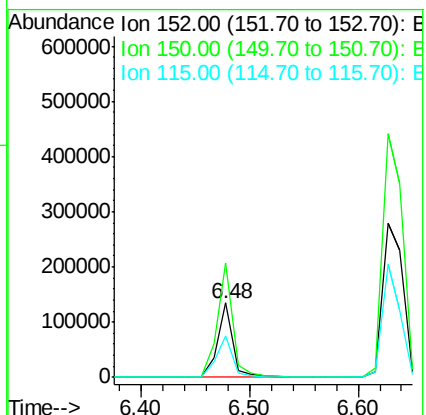
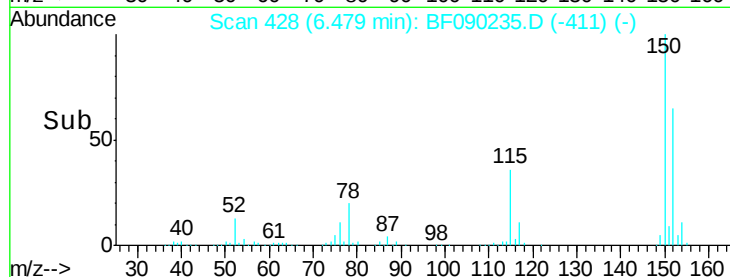
115 56.0 55.5 83.3



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



#2

1,4-Dioxane

Concen: 4.03 ng

RT: 1.79 min Scan# 18

Delta R.T. -0.05 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

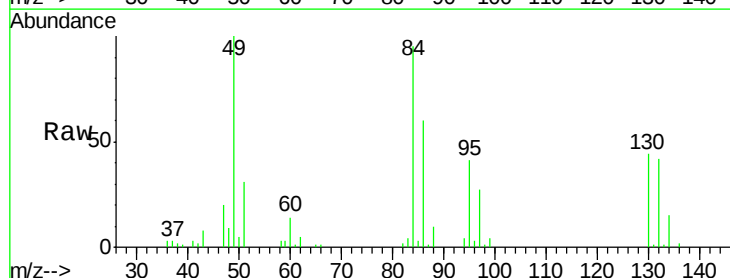
Tgt Ion: 88 Resp: 18163

Ion Ratio Lower Upper

88 100

58 8.7 53.4 80.0#

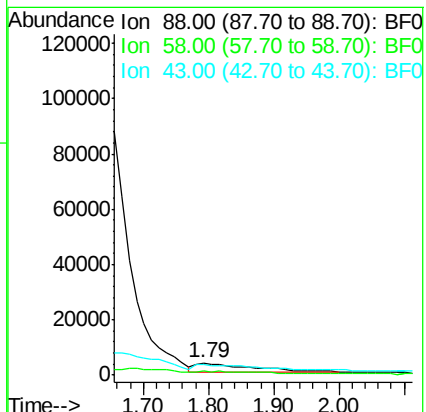
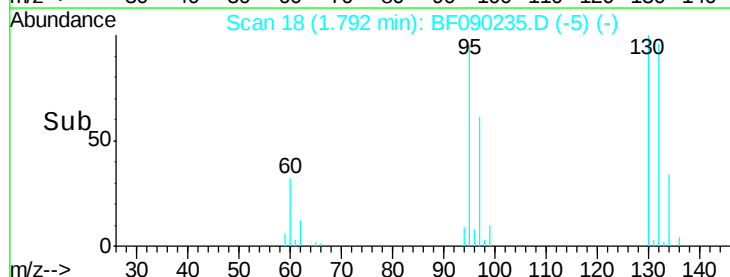
43 58.6 16.5 24.7#

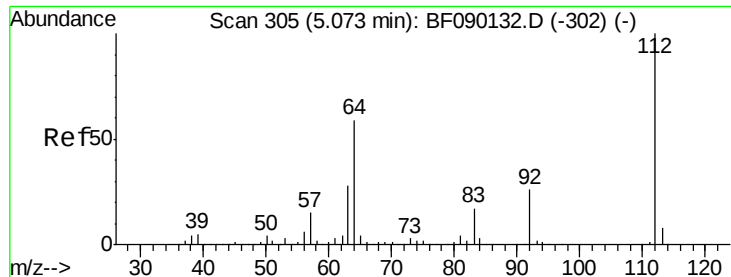


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 40.84 ng

RT: 5.03 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

Instrument :

BNA_F

ClientSampleId :

MW-05S-092216

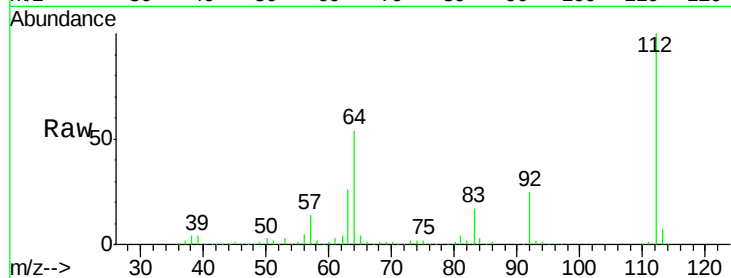
Tgt Ion: 112 Resp: 339475

Ion Ratio Lower Upper

112 100

64 54.5 39.8 59.6

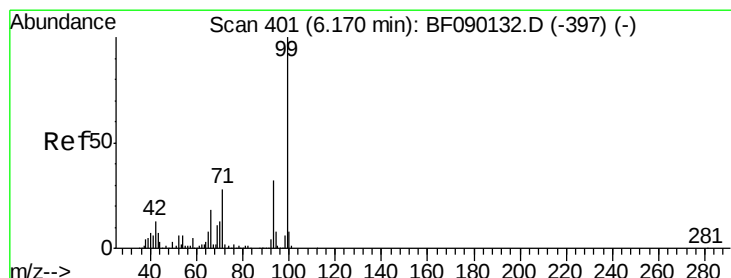
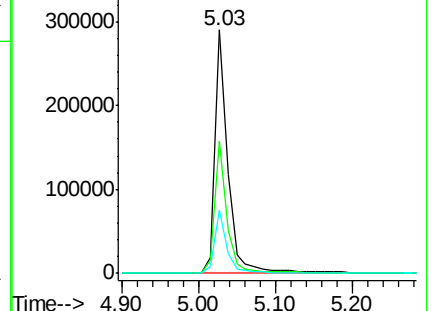
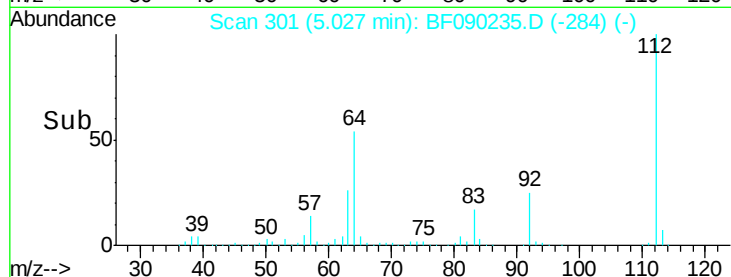
63 26.0 18.9 28.3



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: 28.42 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

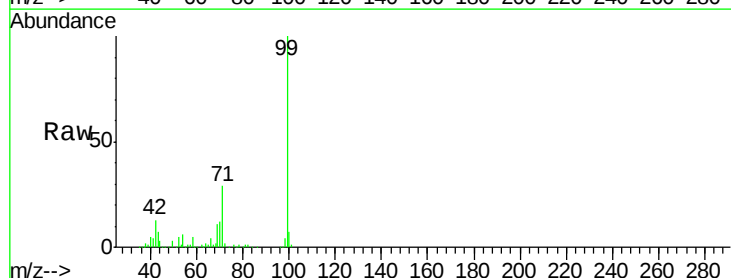
Tgt Ion: 99 Resp: 291715

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

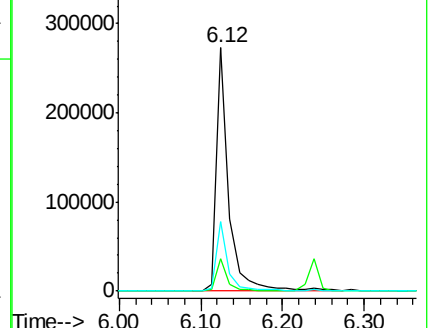
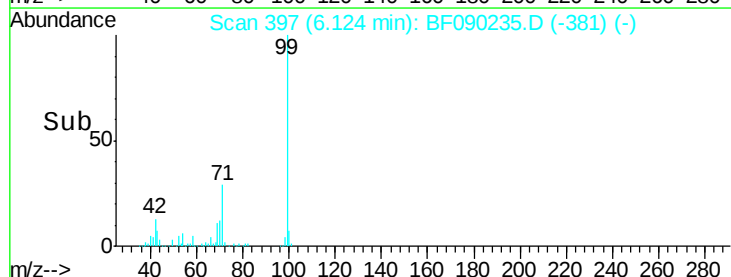
71 28.7 23.0 34.6

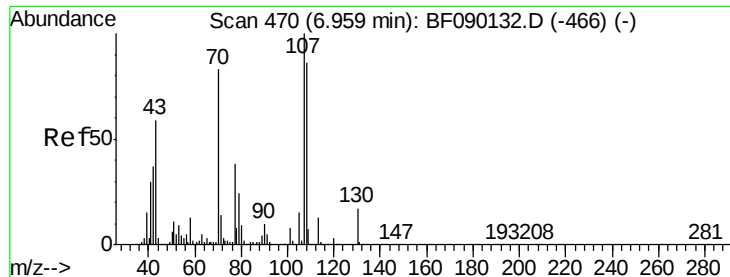


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 13.25 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

Instrument :

BNA_F

ClientSampleId :

MW-05S-092216

Tgt Ion: 70 Resp: 79905

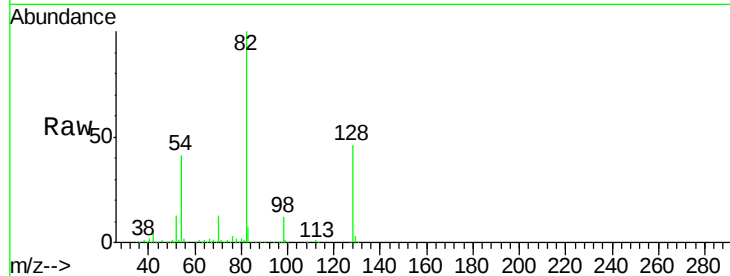
Ion Ratio Lower Upper

70 100

42 36.0 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

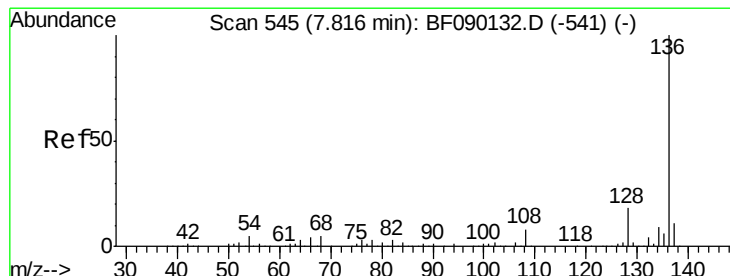
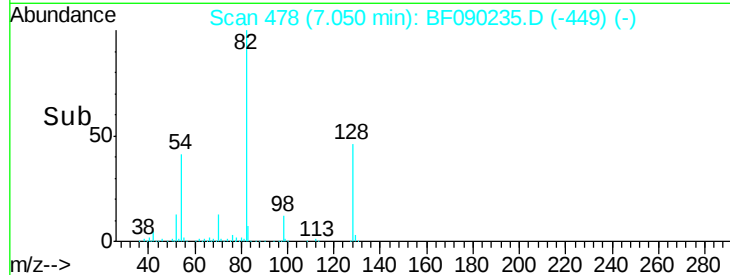
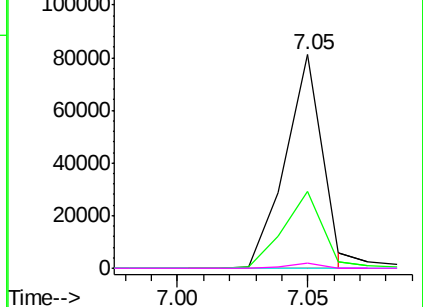


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

Tgt Ion: 136 Resp: 538487

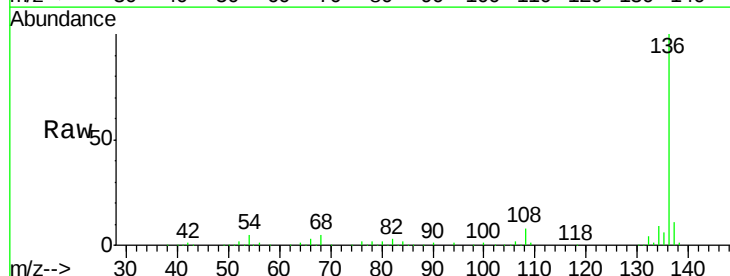
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 4.8 6.4 9.6#

68 4.6 6.3 9.5#

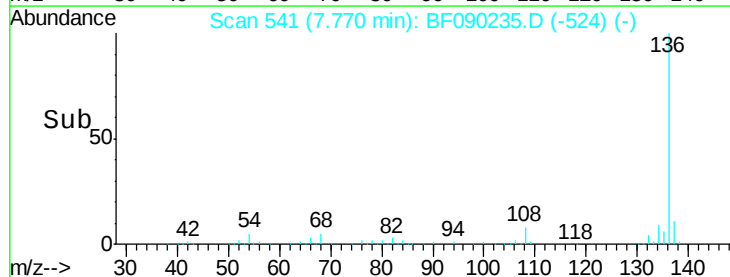
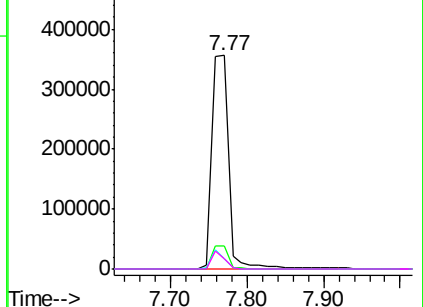


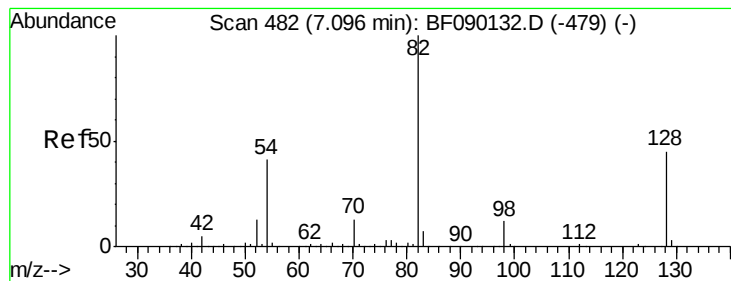
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.25 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

Instrument :

BNA_F

ClientSampleId :

MW-05S-092216

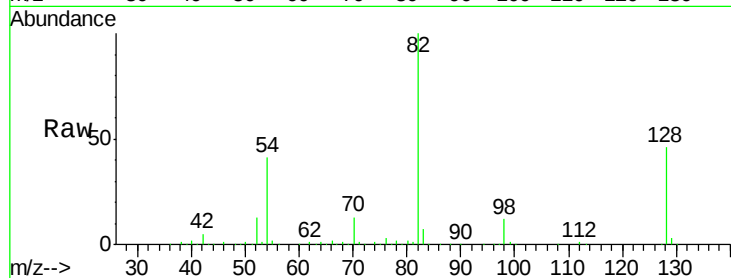
Tgt Ion: 82 Resp: 689695

Ion Ratio Lower Upper

82 100

128 45.7 37.5 56.3

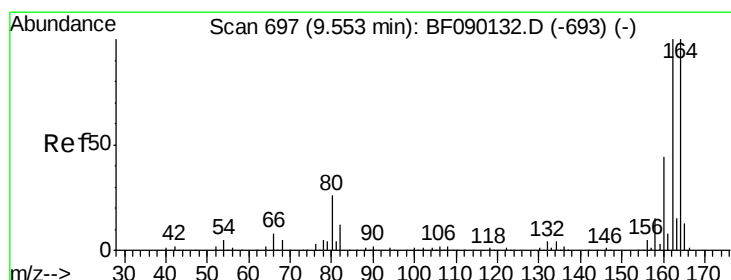
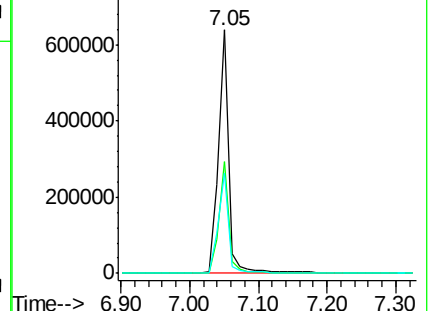
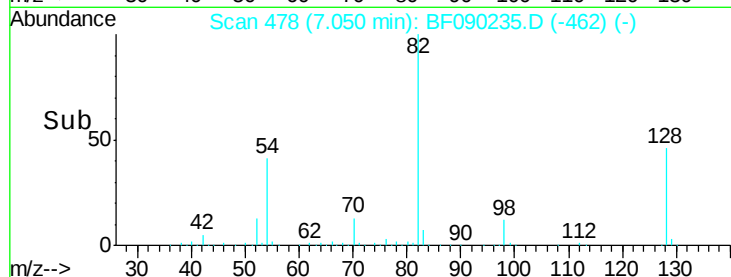
54 41.2 31.9 47.9



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

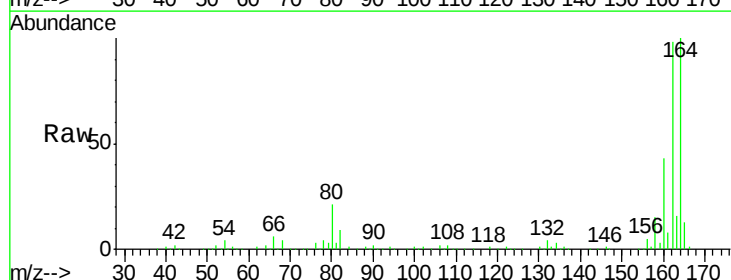
Tgt Ion: 164 Resp: 327499

Ion Ratio Lower Upper

164 100

162 98.1 81.4 122.2

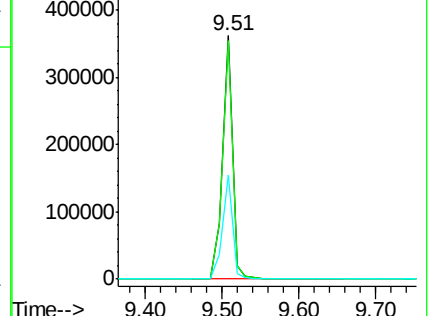
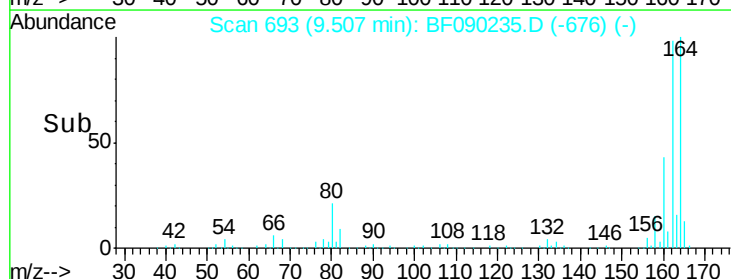
160 42.9 36.6 54.8

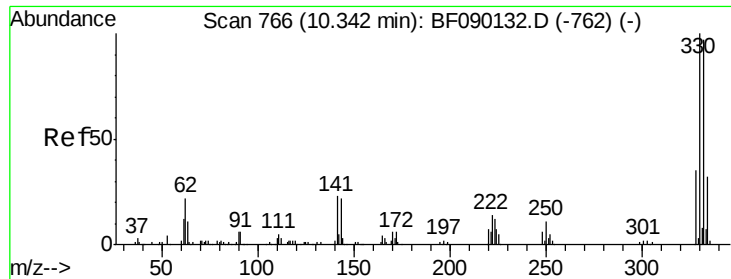


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

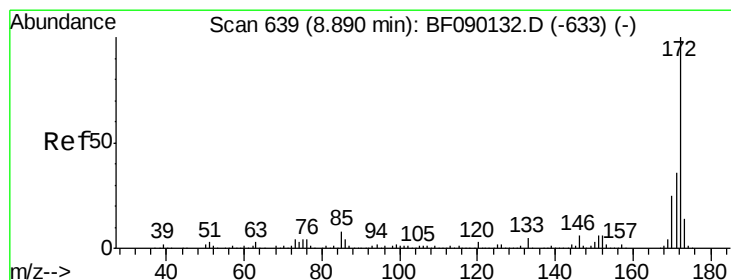
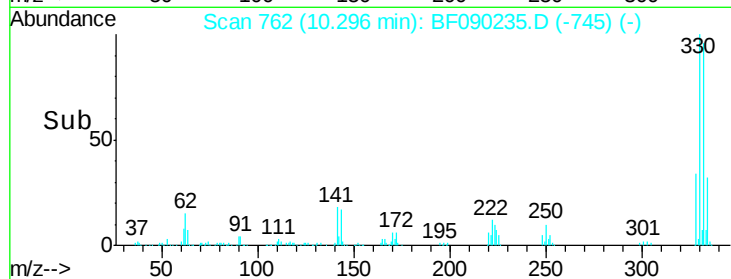
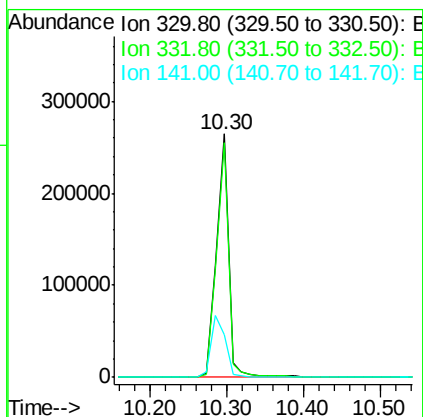
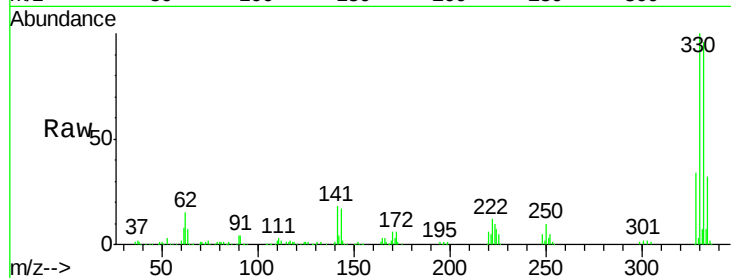




#41
 2,4,6-Tribromophenol
 Concen: 104.26 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090235.D
 Acq: 26 Sep 2016 21:34

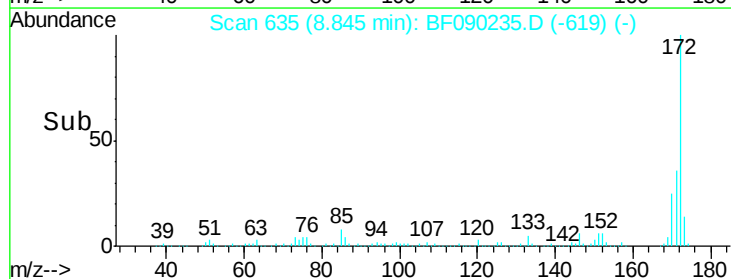
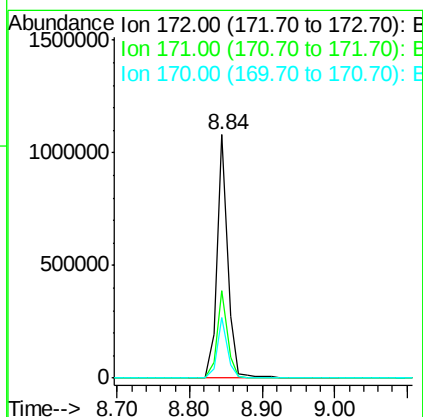
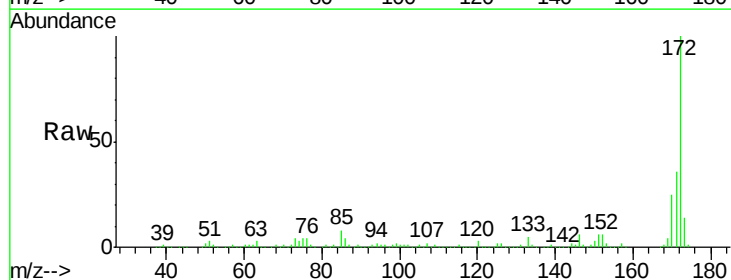
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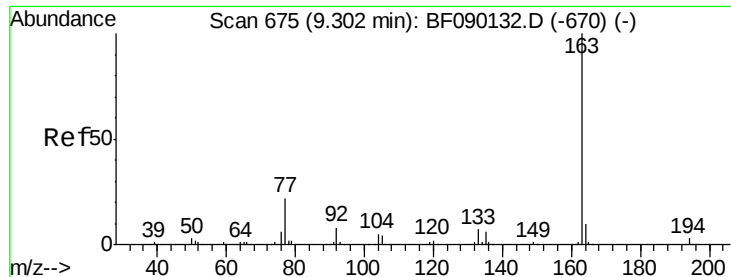
Tgt Ion:330 Resp: 292936
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.1 117.1
 141 30.1 23.9 35.9



#44
 2-Fluorobiphenyl
 Concen: 66.87 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090235.D
 Acq: 26 Sep 2016 21:34

Tgt Ion:172 Resp: 1115596
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 24.6 19.8 29.8

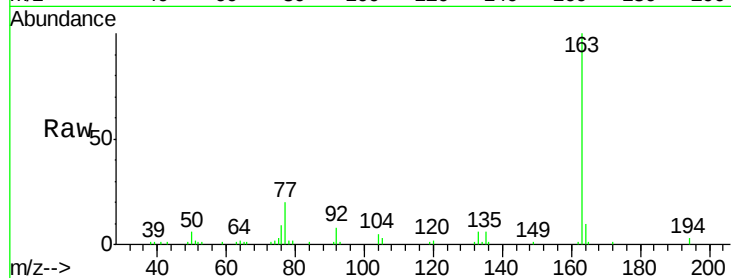




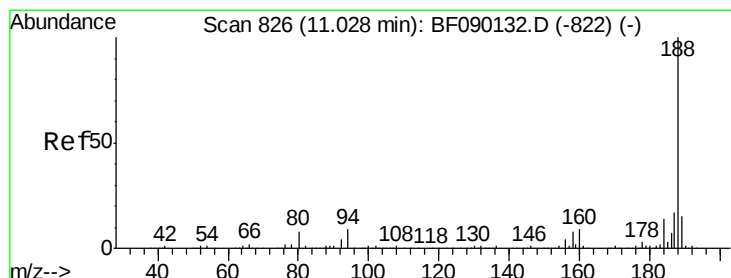
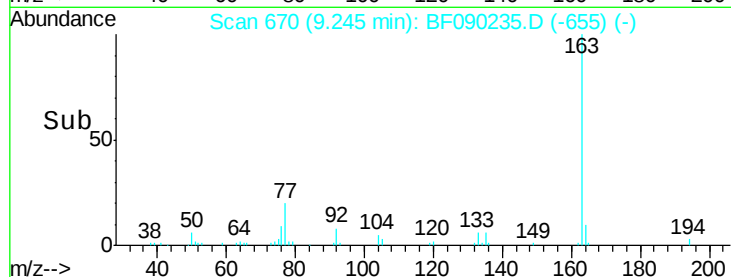
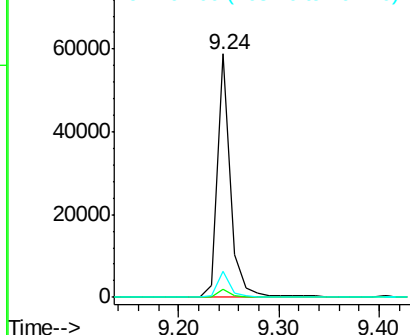
#49
Dimethylphthalate
Concen: 2.56 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion:163 Resp: 53306
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.5 8.1 12.1

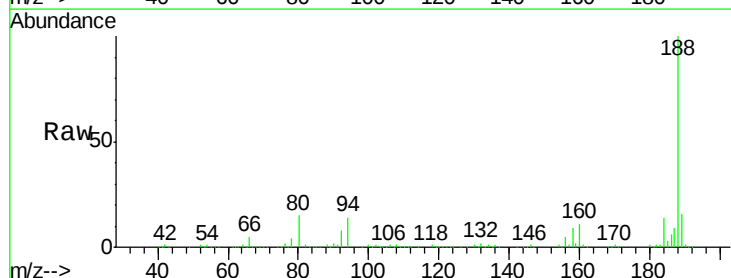


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

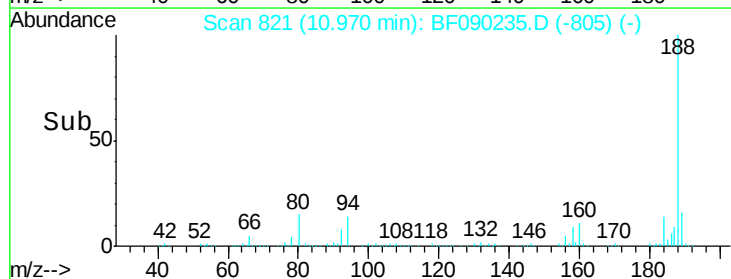
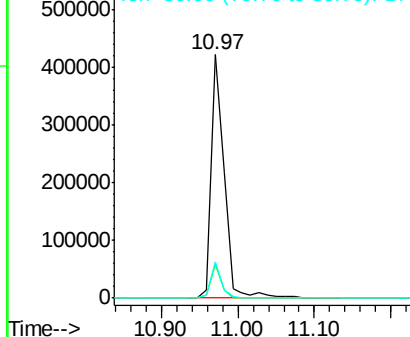


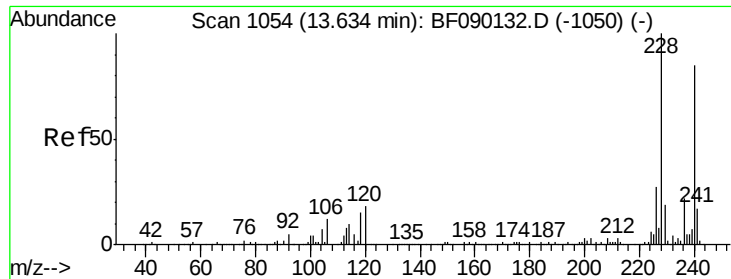
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Tgt Ion:188 Resp: 490521
Ion Ratio Lower Upper
188 100
94 14.0 10.5 15.7
80 15.0 11.2 16.8



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: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

Instrument :

BNA_F

ClientSampleId :

MW-05S-092216

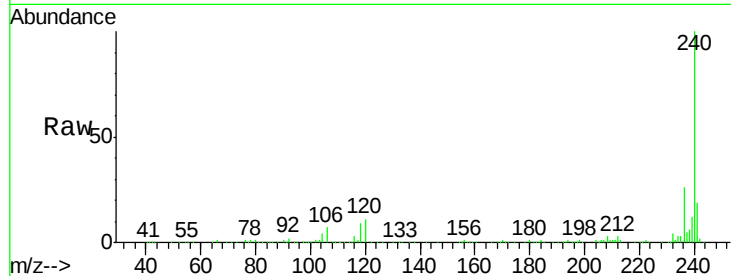
Tgt Ion:240 Resp: 443757

Ion Ratio Lower Upper

240 100

120 10.6 10.6 16.0#

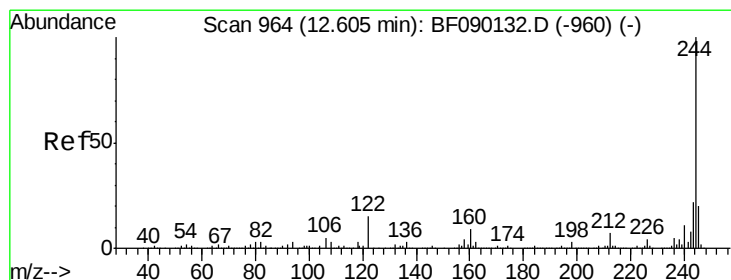
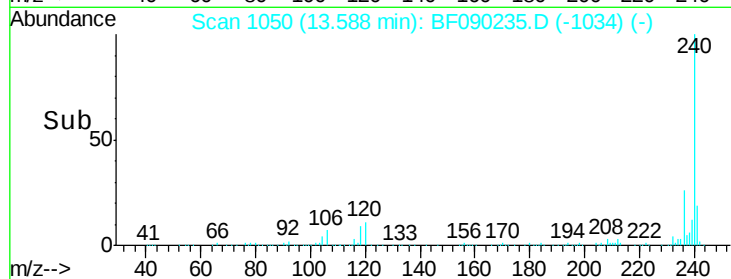
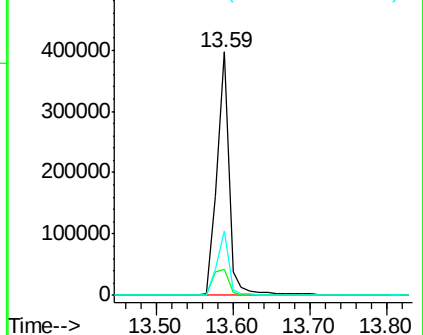
236 26.3 21.6 32.4



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: 55.97 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF090235.D

Acq: 26 Sep 2016 21:34

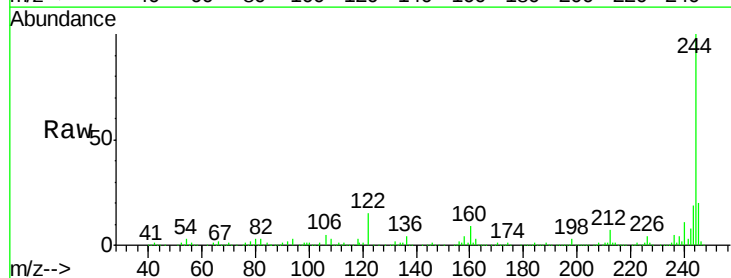
Tgt Ion:244 Resp: 978351

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

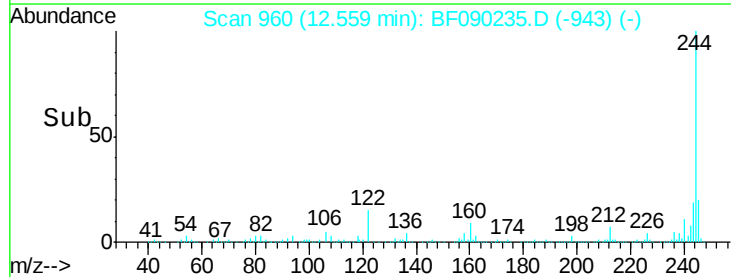
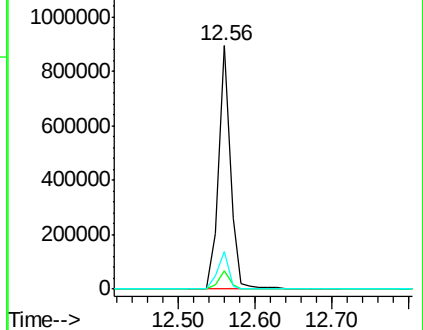
122 15.5 9.4 14.0#

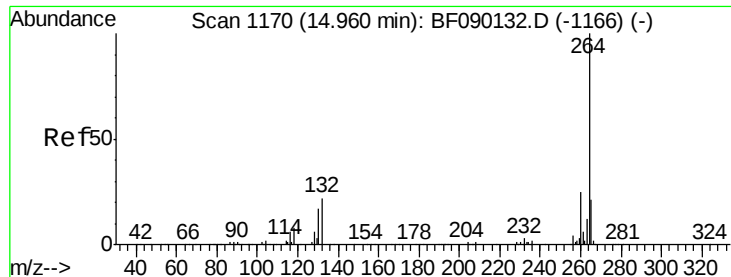


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090235.D
Acq: 26 Sep 2016 21:34

Instrument :
BNA_F
ClientSampleId :
MW-05S-092216

Tgt Ion:	264	Resp:	332902
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.1	17.0	25.4

