

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091386.D
 Acq On : 2 Dec 2016 9:15
 Operator : UM/SJ
 Sample : H5801-04DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A-112916DL

Quant Time: Dec 02 22:09:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

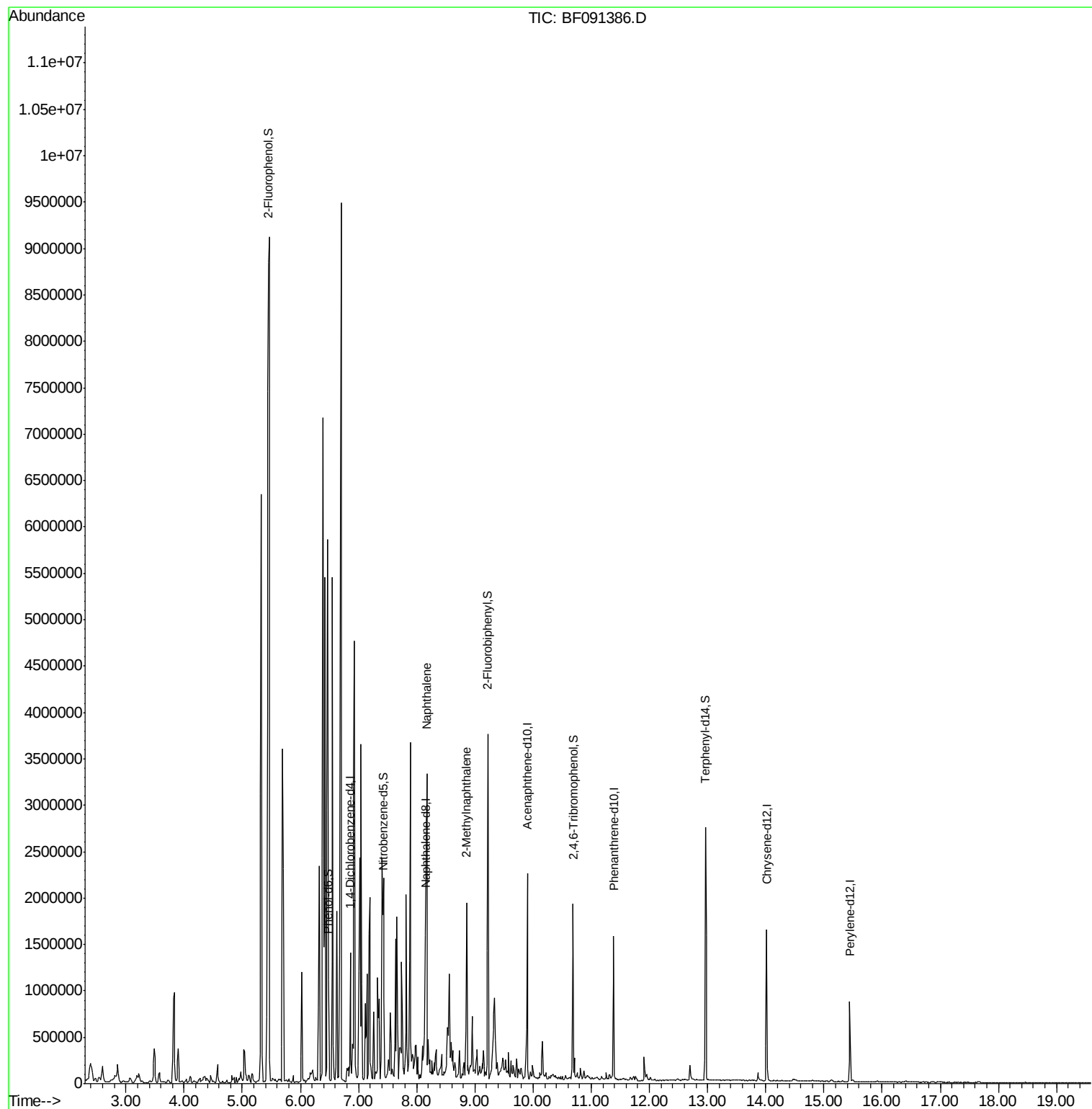
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	185197	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	751256	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	461355	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	744292	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	556905	20.00	ng	-0.03
86) Perylene-d12	15.44	264	412967	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	295250	26.04	ng	-0.02
7) Phenol-d6	6.48	99	322719	23.13	ng	-0.02
23) Nitrobenzene-d5	7.42	82	556747	41.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	306238	70.11	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1228878	48.23	ng	-0.02
78) Terphenyl-d14	12.96	244	1071507	41.82	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.17	128	1818322	50.93	ng	100
37) 2-Methylnaphthalene	8.86	142	482971	19.91	ng	95

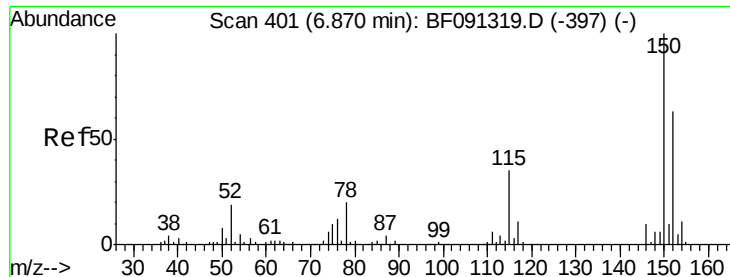
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091386.D

Acq: 2 Dec 2016 9:15

Instrument :

BNA_F

ClientSampleId :

MW-4A-112916DL

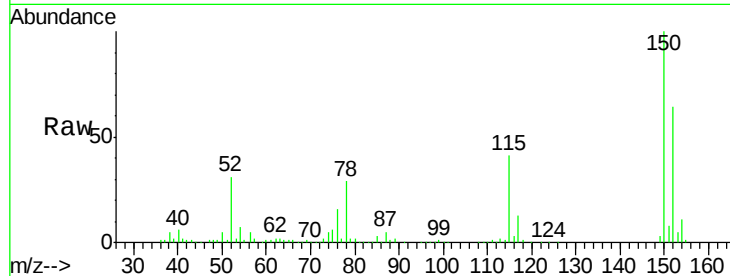
Tgt Ion:152 Resp: 185197

Ion Ratio Lower Upper

152 100

150 155.7 122.5 183.7

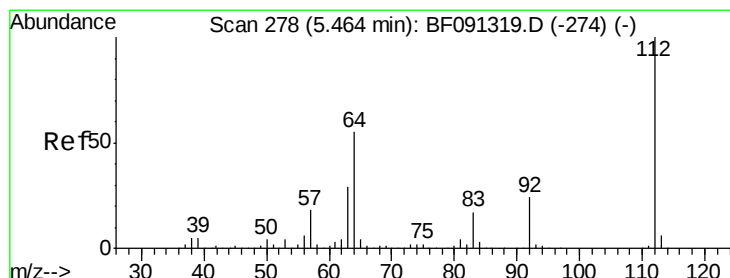
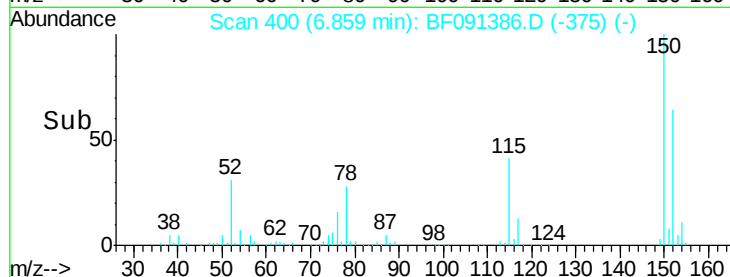
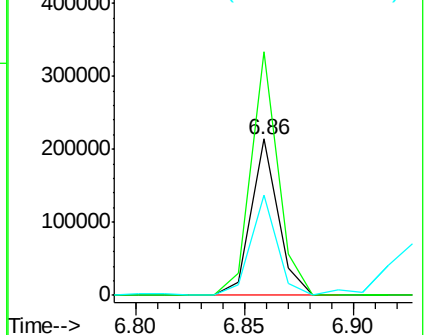
115 64.2 51.8 77.8



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: 26.04 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091386.D

Acq: 2 Dec 2016 9:15

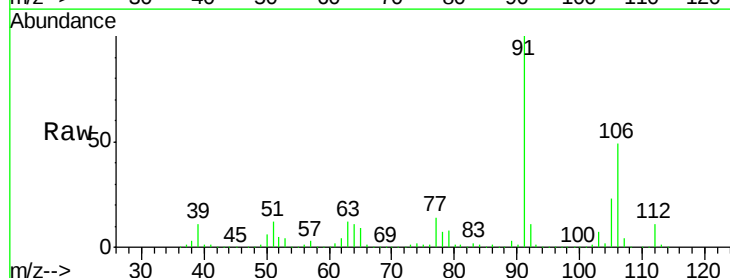
Tgt Ion:112 Resp: 295250

Ion Ratio Lower Upper

112 100

64 94.6 61.5 92.3#

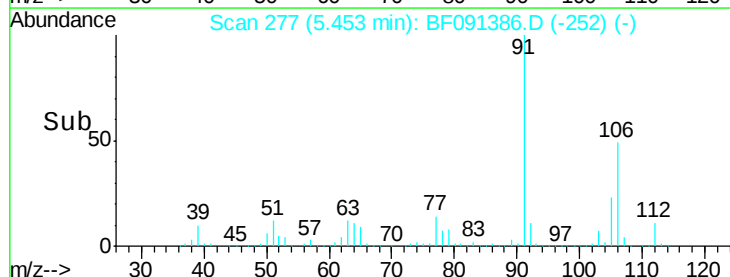
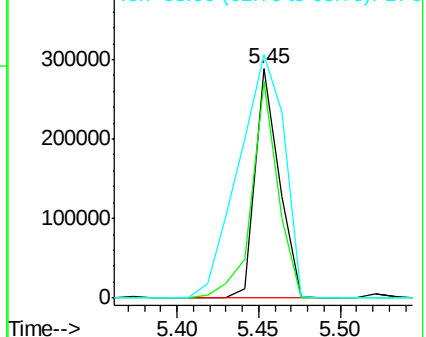
63 106.2 33.3 49.9#

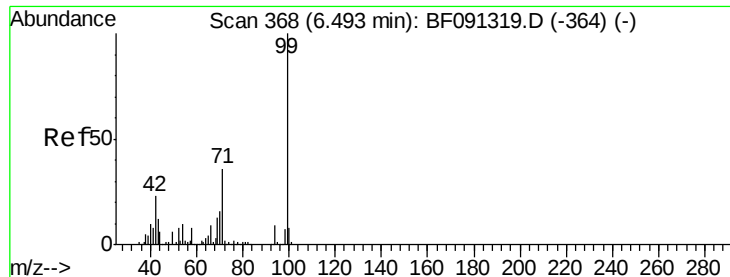


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.13 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091386.D

Acq: 2 Dec 2016 9:15

Instrument :

BNA_F

ClientSampleId :

MW-4A-112916DL

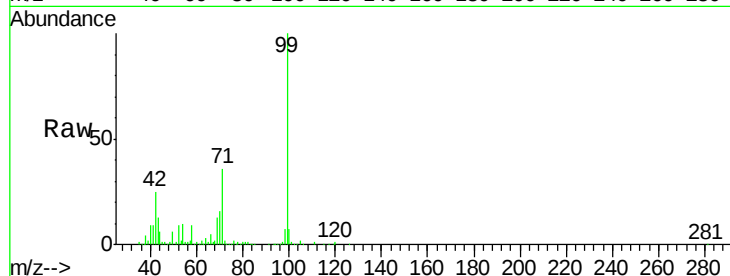
Tgt Ion: 99 Resp: 322719

Ion Ratio Lower Upper

99 100

42 25.0 20.6 31.0

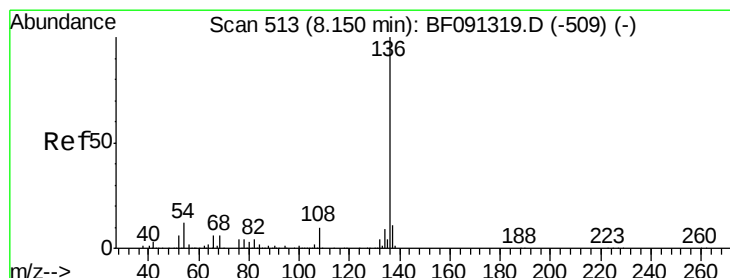
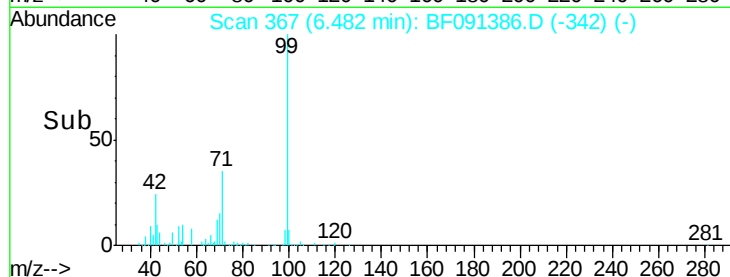
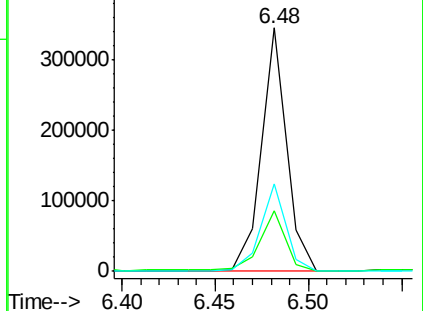
71 35.8 29.9 44.9



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091386.D

Acq: 2 Dec 2016 9:15

Tgt Ion: 136 Resp: 751256

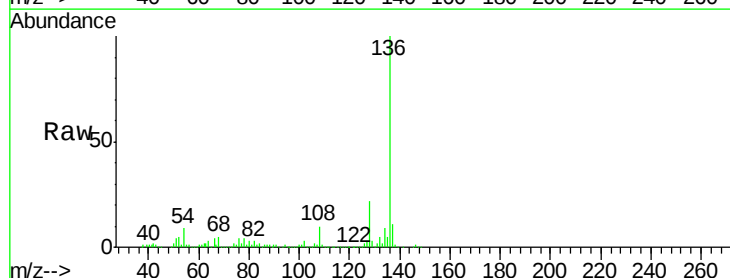
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.5 9.1 13.7#

68 4.5 5.9 8.9#

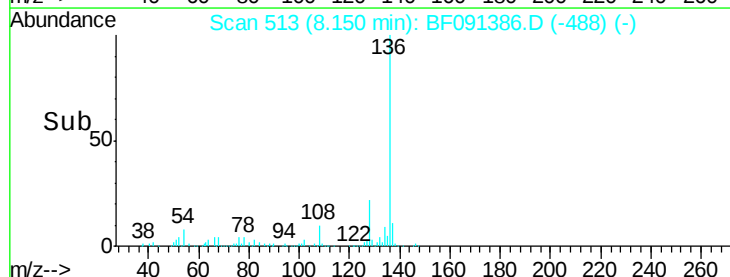
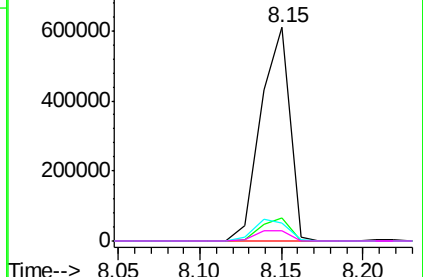


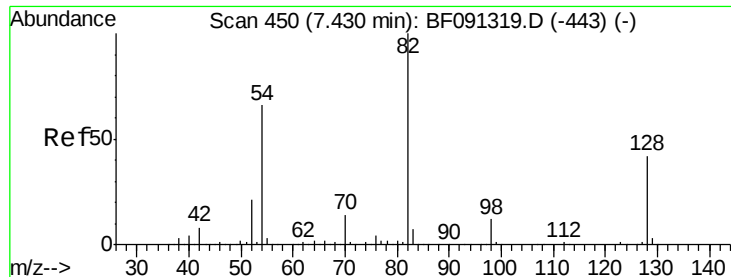
Abundance Ion 136.00 (135.70 to 136.70): E

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

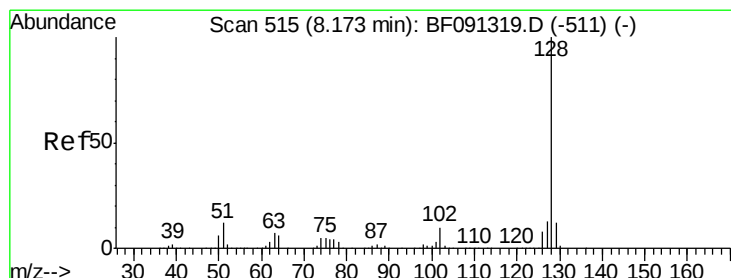
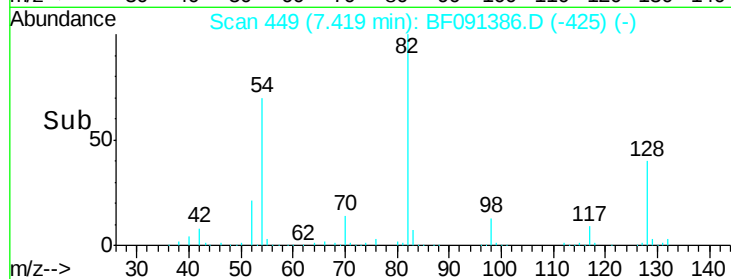
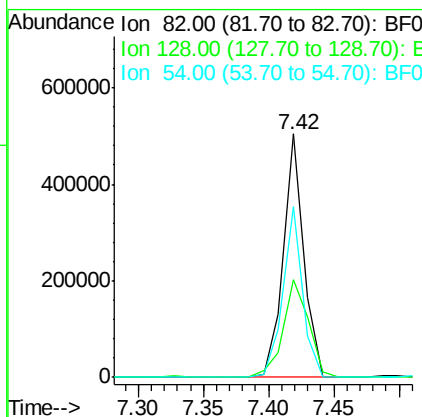
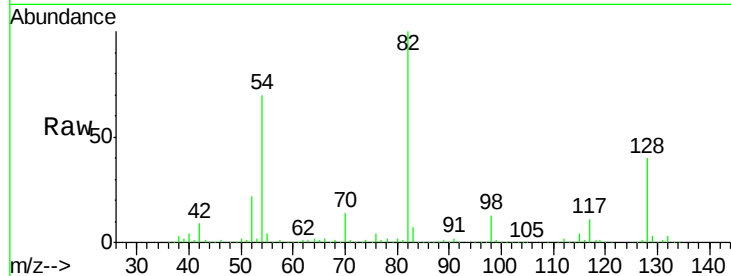




#23
Nitrobenzene-d5
Concen: 41.53 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091386.D
Acq: 2 Dec 2016 9:15

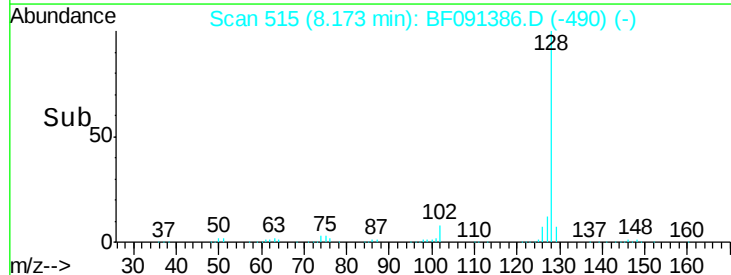
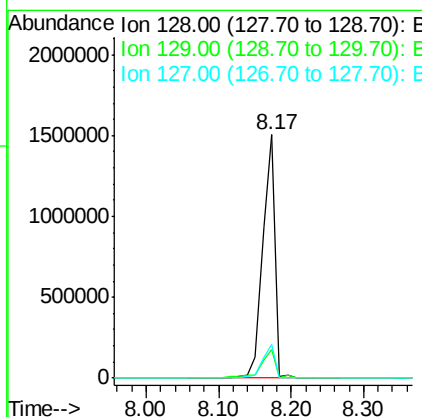
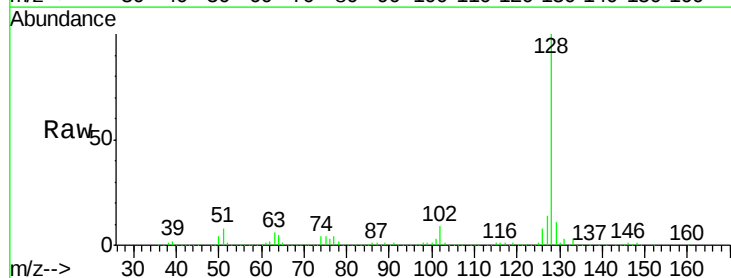
Instrument :
BNA_F
ClientSampleId :
MW-4A-112916DL

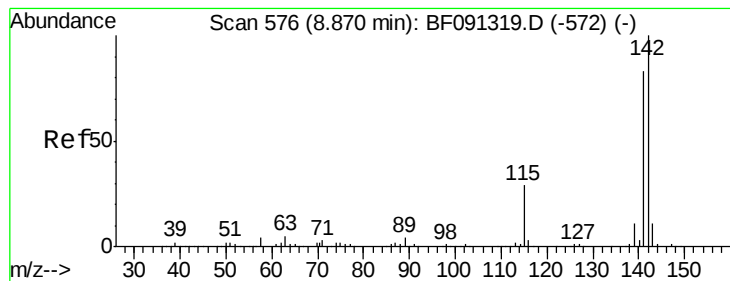
Tgt Ion: 82 Resp: 556747
Ion Ratio Lower Upper
82 100
128 40.1 31.8 47.6
54 70.1 49.1 73.7



#31
Naphthalene
Concen: 50.93 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091386.D
Acq: 2 Dec 2016 9:15

Tgt Ion: 128 Resp: 1818322
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.7 11.0 16.4





#37

2-Methylnaphthalene

Concen: 19.91 ng

RT: 8.86 min Scan# 575

Delta R.T. -0.02 min

Lab File: BF091386.D

Acq: 2 Dec 2016 9:15

Instrument :

BNA_F

ClientSampleId :

MW-4A-112916DL

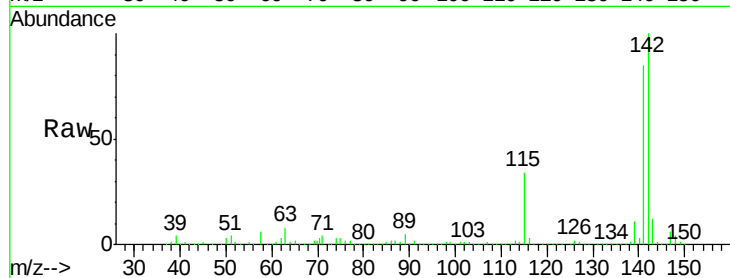
Tgt Ion:142 Resp: 482971

Ion Ratio Lower Upper

142 100

141 84.9 71.7 107.5

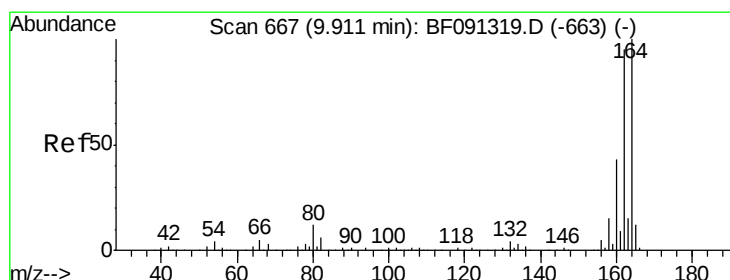
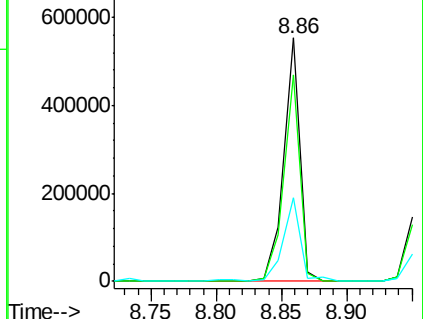
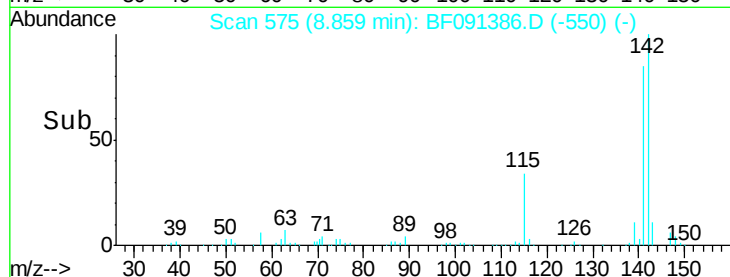
115 34.5 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091386.D

Acq: 2 Dec 2016 9:15

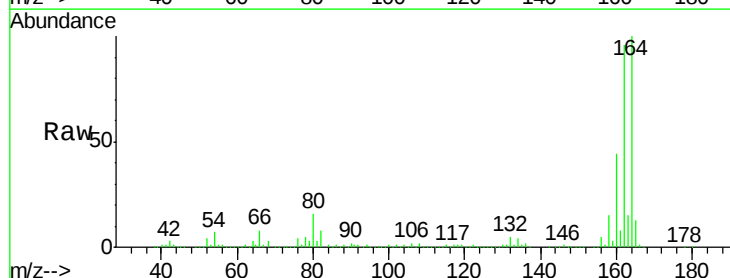
Tgt Ion:164 Resp: 461355

Ion Ratio Lower Upper

164 100

162 96.5 82.6 124.0

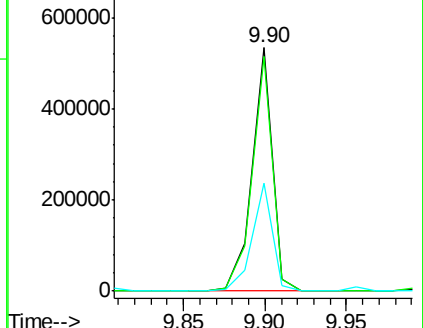
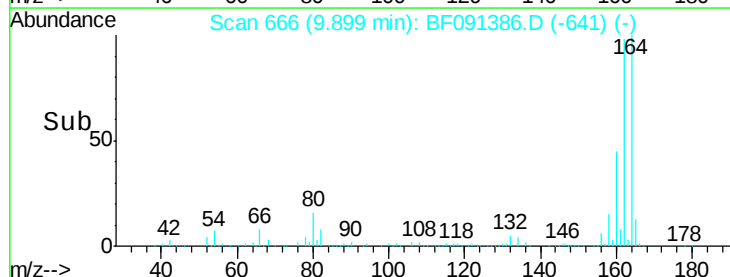
160 44.5 36.7 55.1

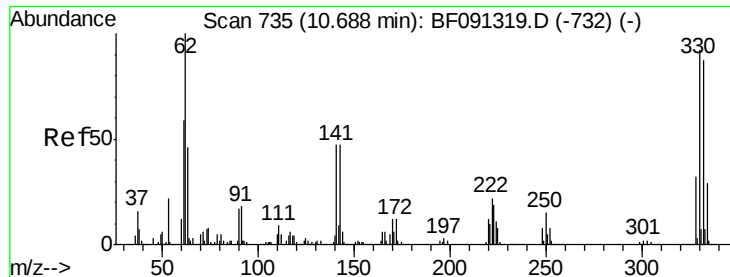


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

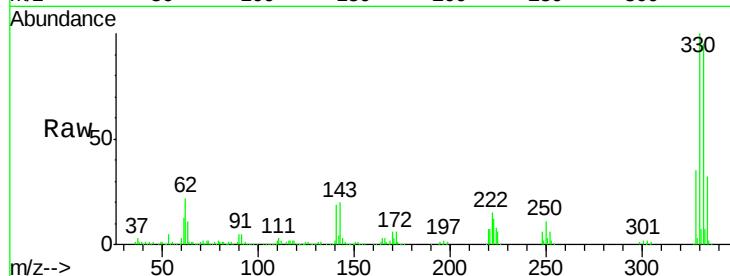




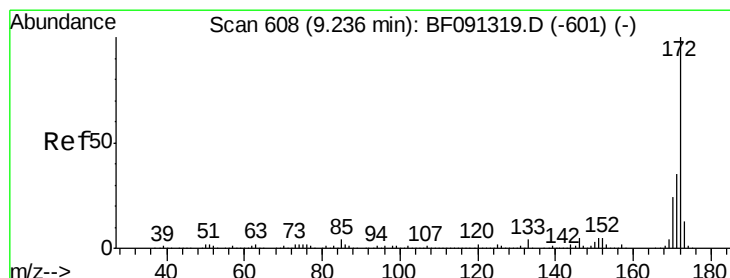
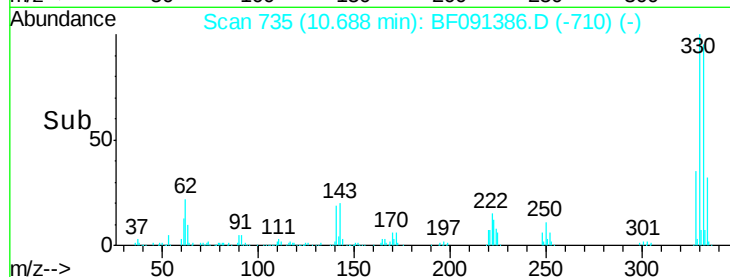
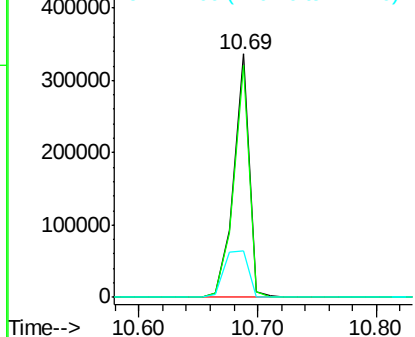
#41
 2,4,6-Tribromophenol
 Concen: 70.11 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091386.D
 Acq: 2 Dec 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A-112916DL

Tgt Ion:330 Resp: 306238
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 30.2 33.6 50.4#

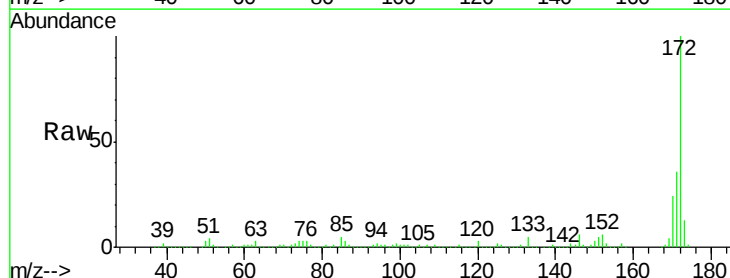


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

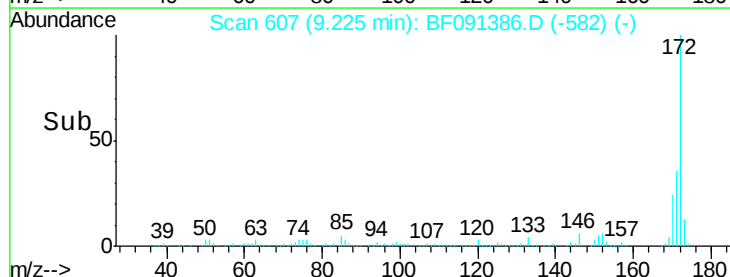
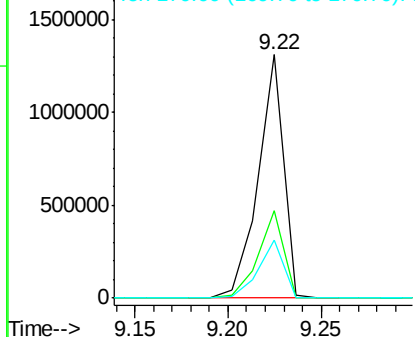


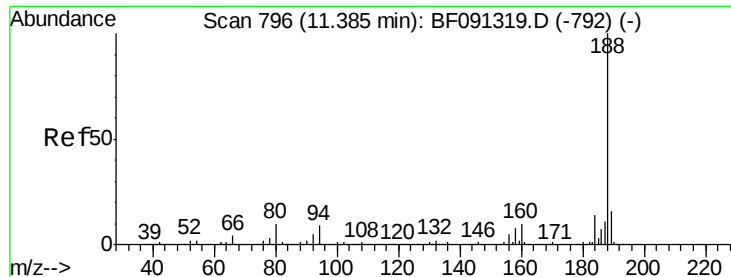
#44
 2-Fluorobiphenyl
 Concen: 48.23 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091386.D
 Acq: 2 Dec 2016 9:15

Tgt Ion:172 Resp: 1228878
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 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

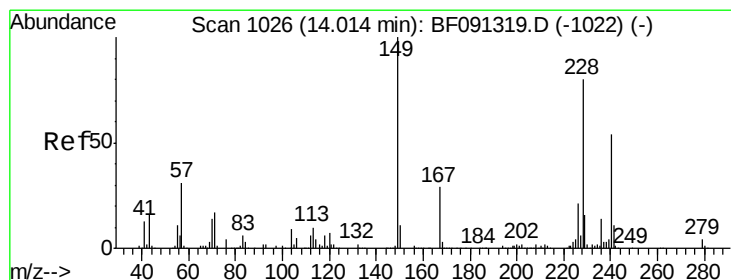
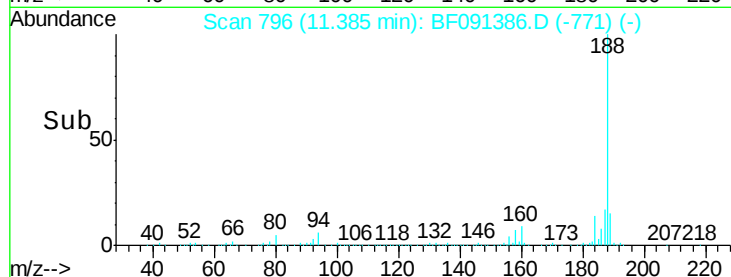
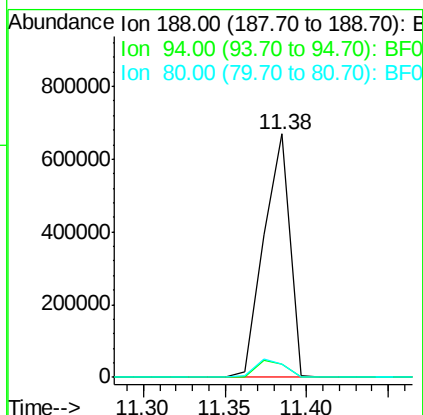
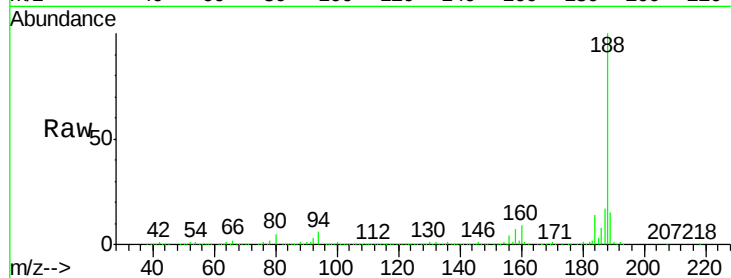




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091386.D
Acq: 2 Dec 2016 9:15

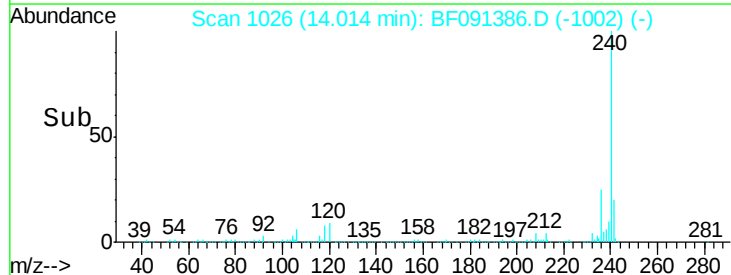
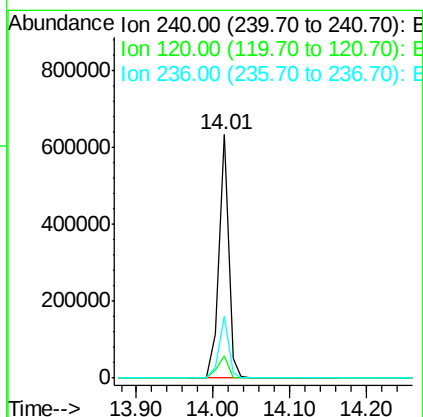
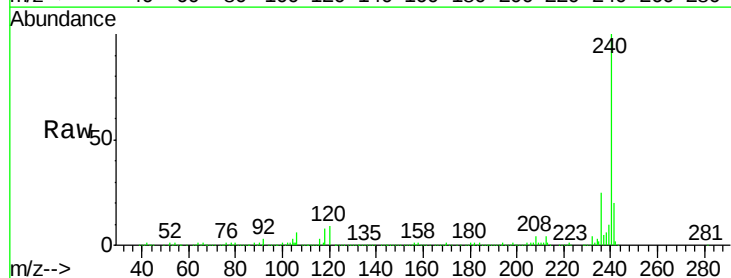
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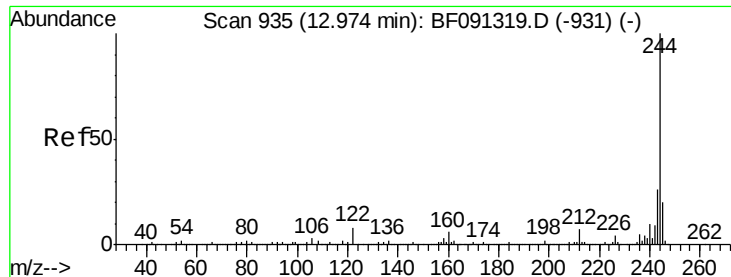
Tgt Ion:188 Resp: 744292
Ion Ratio Lower Upper
188 100
94 5.6 9.2 13.8#
80 5.5 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091386.D
Acq: 2 Dec 2016 9:15

Tgt Ion:240 Resp: 556905
Ion Ratio Lower Upper
240 100
120 9.0 12.1 18.1#
236 25.5 21.0 31.6

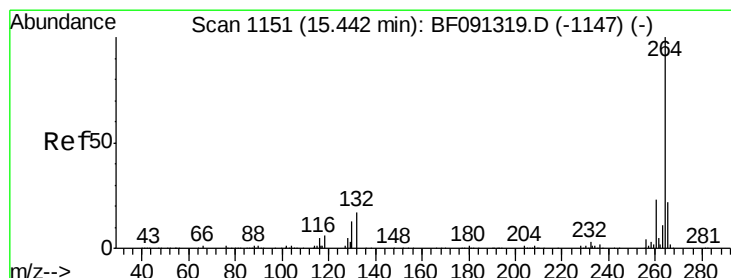
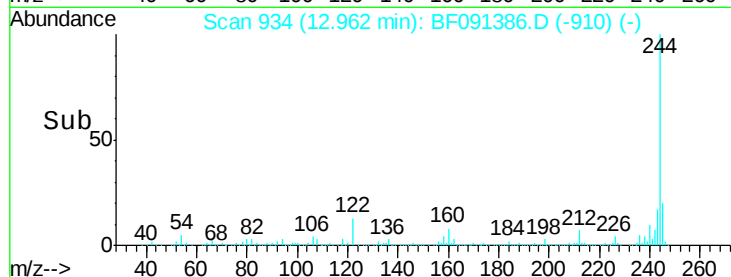
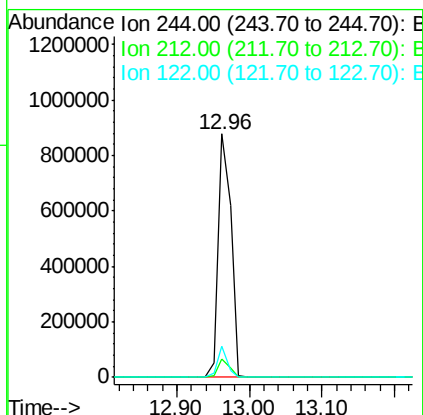
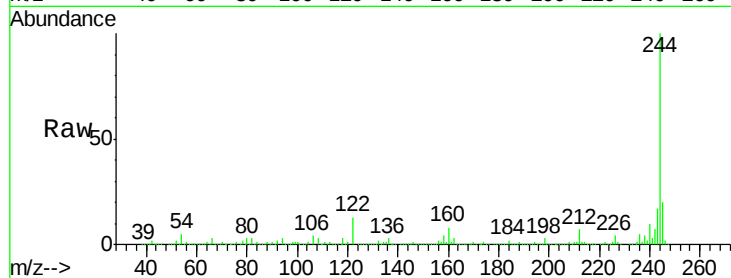




#78
 Terphenyl-d14
 Concen: 41.82 ng
 RT: 12.96 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF091386.D
 Acq: 2 Dec 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A-112916DL

Tgt Ion:244 Resp: 1071507
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 12.8 9.5 14.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091386.D
 Acq: 2 Dec 2016 9:15

Tgt Ion:264 Resp: 412967
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.3 17.0 25.6

