

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089854.D
 Acq On : 24 Aug 2016 2:02
 Operator : UM/SJ
 Sample : H4547-10DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-7(0.5-1)DL

Quant Time: Aug 25 14:16:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

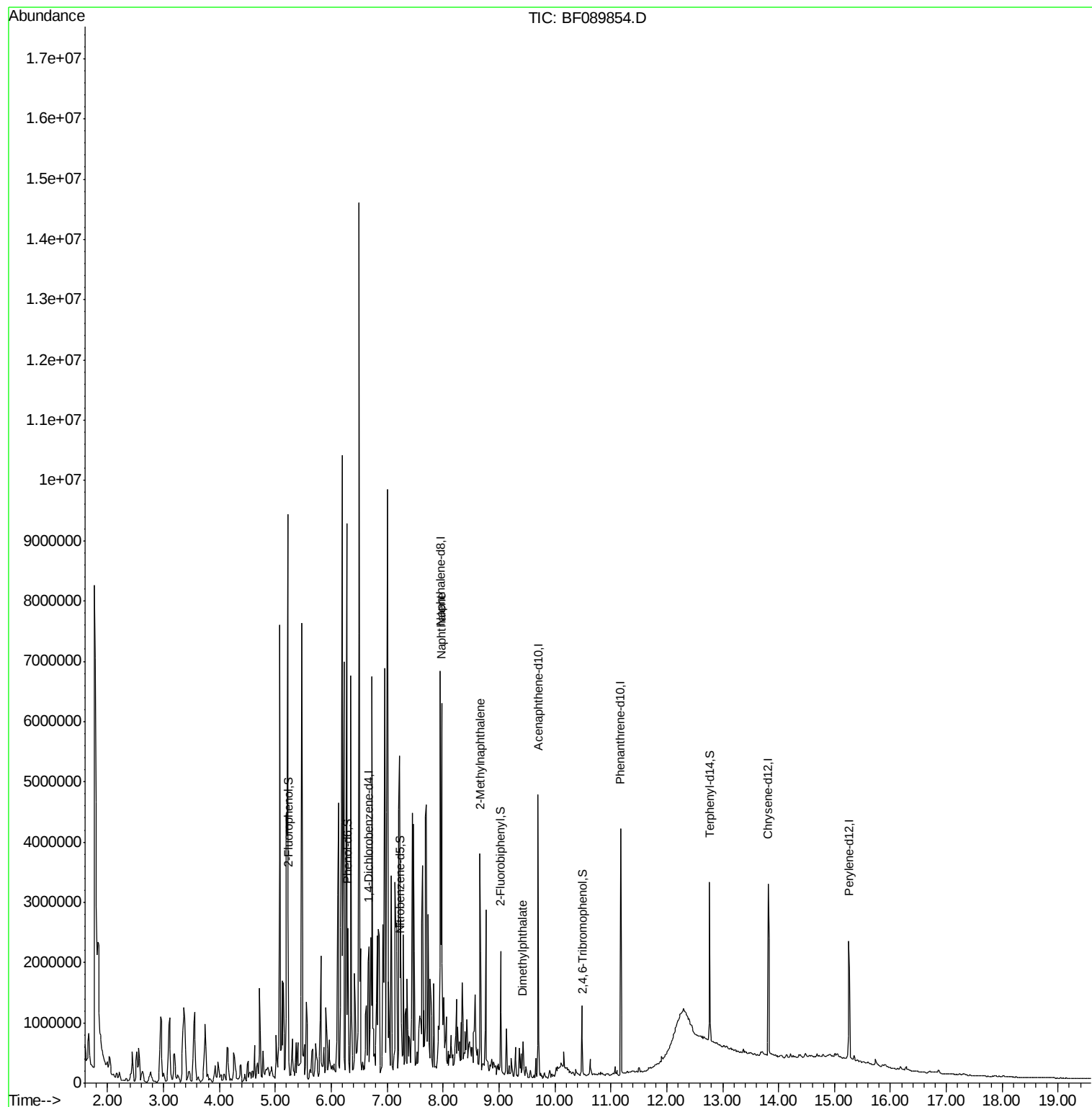
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	417900	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1650262	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	855960	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1465914	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1291121	20.00	ng	-0.06
86) Perylene-d12	15.26	264	1047976	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	520072	21.34	ng	-0.02
7) Phenol-d6	6.30	99	737806	24.66	ng	-0.02
23) Nitrobenzene-d5	7.23	82	382105	14.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	166155	20.43	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	784847	16.12	ng	-0.02
78) Terphenyl-d14	12.76	244	771729	13.52	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.98	128	2123183	27.53	ng	99
37) 2-Methylnaphthalene	8.66	142	1217061	24.39	ng	97
49) Dimethylphthalate	9.43	163	235366	3.91	ng	100

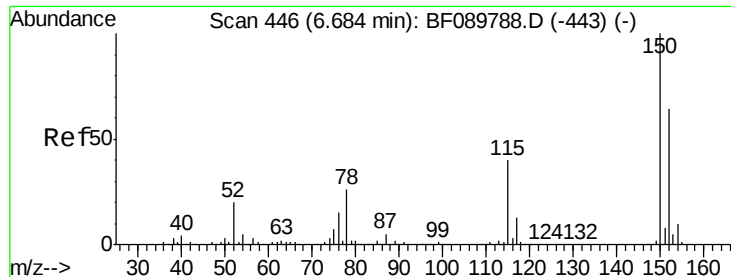
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

Instrument :

BNA_F

ClientSampleId :

D-7(0.5-1)DL

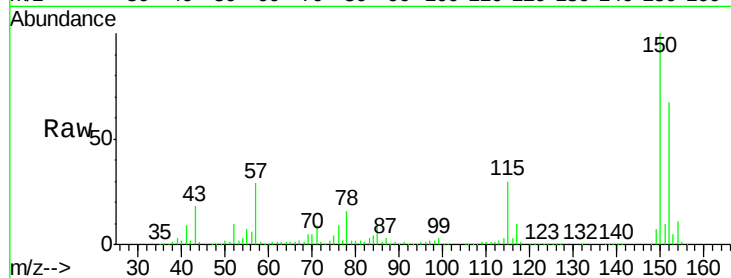
Tgt Ion:152 Resp: 417900

Ion Ratio Lower Upper

152 100

150 149.6 125.3 187.9

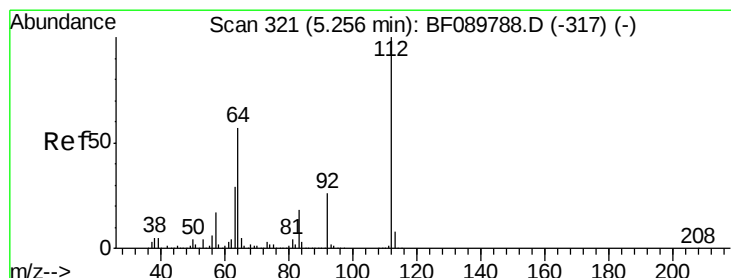
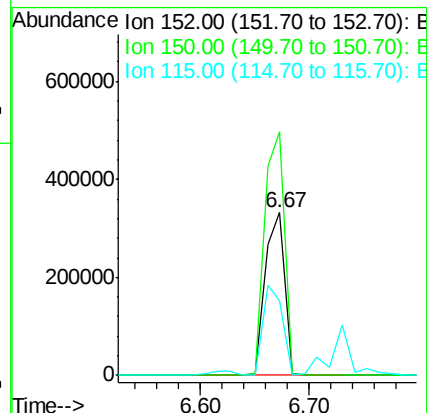
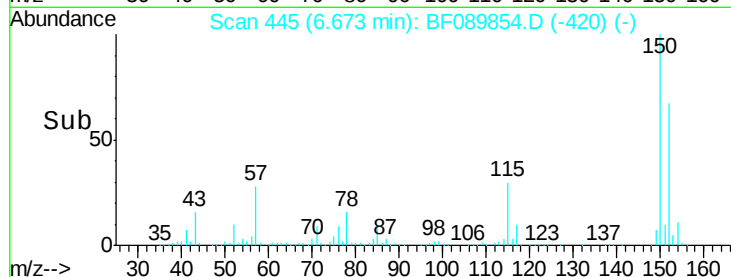
115 45.5 40.9 61.3



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



#5

2-Fluorophenol

Concen: 21.34 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.02 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

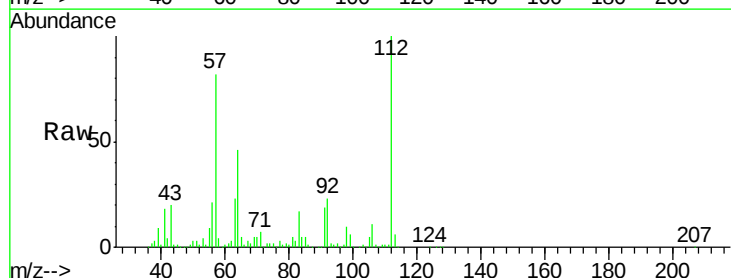
Tgt Ion:112 Resp: 520072

Ion Ratio Lower Upper

112 100

64 45.9 45.0 67.4

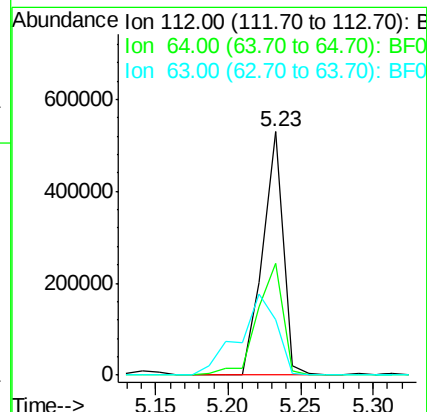
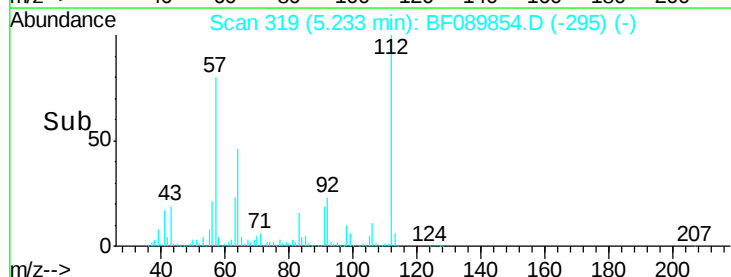
63 22.5 23.1 34.7#



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: 24.66 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

Instrument :

BNA_F

ClientSampleId :

D-7(0.5-1)DL

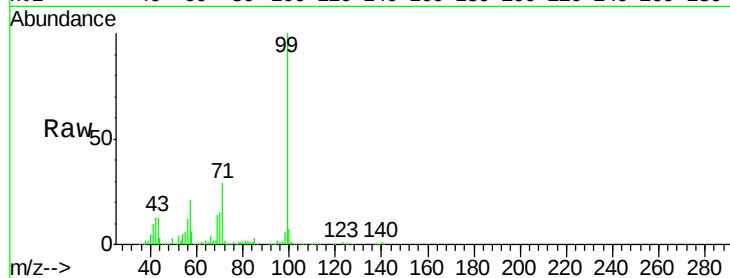
Tgt Ion: 99 Resp: 737806

Ion Ratio Lower Upper

99 100

42 12.7 12.2 18.4

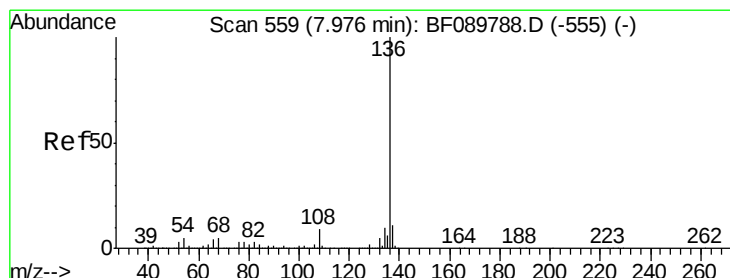
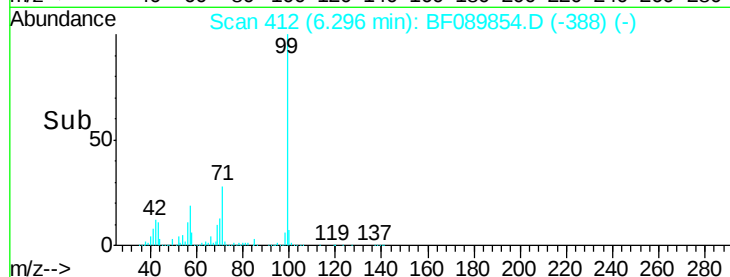
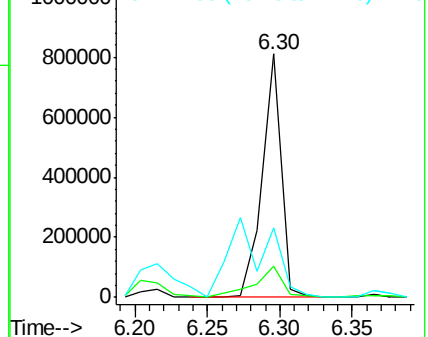
71 28.7 23.8 35.8



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: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

Tgt Ion: 136 Resp: 1650262

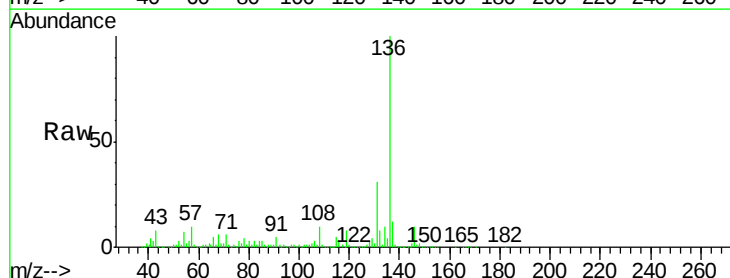
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 6.8 7.2 10.8#

68 6.5 5.8 8.8

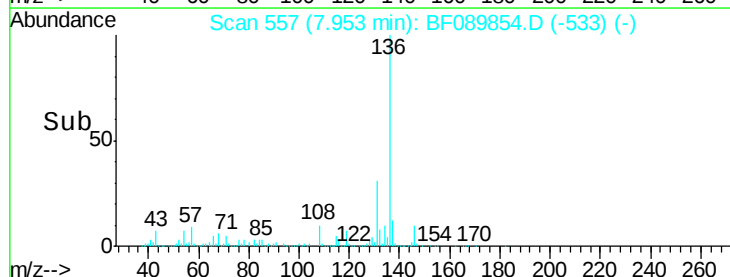
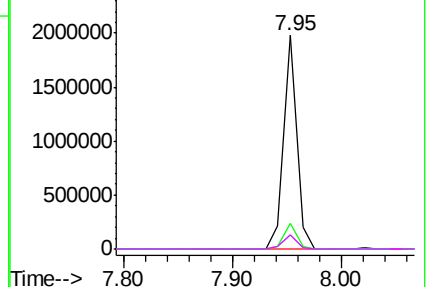


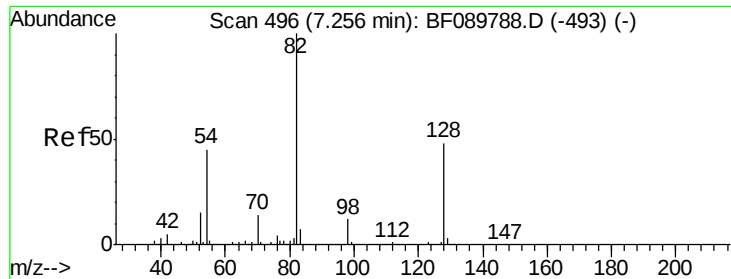
Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.38 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

Instrument :

BNA_F

ClientSampleId :

D-7(0.5-1)DL

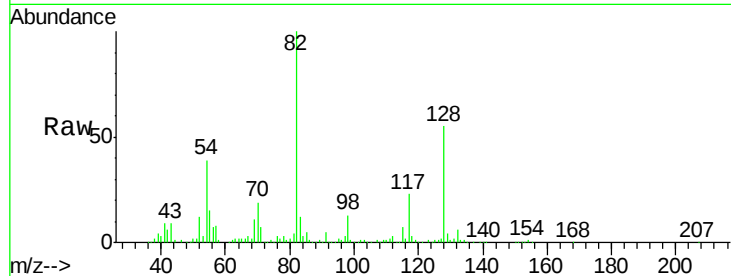
Tgt Ion: 82 Resp: 382105

Ion Ratio Lower Upper

82 100

128 55.3 34.4 51.6#

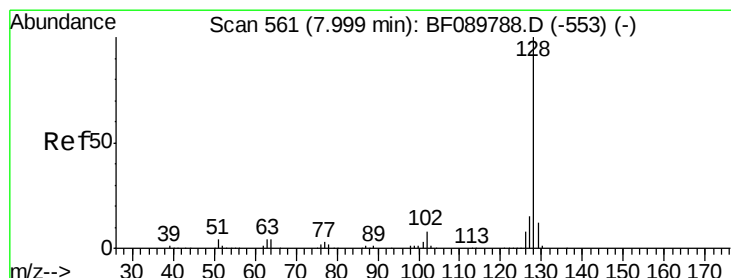
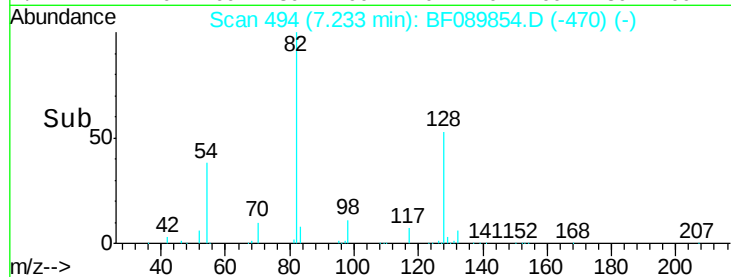
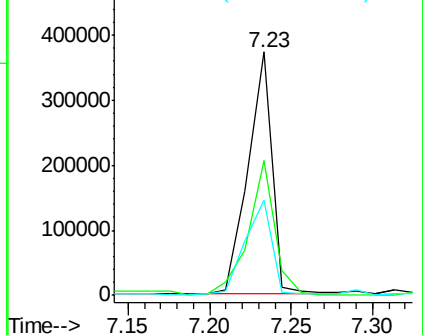
54 39.1 40.3 60.5#



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



#31

Naphthalene

Concen: 27.53 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

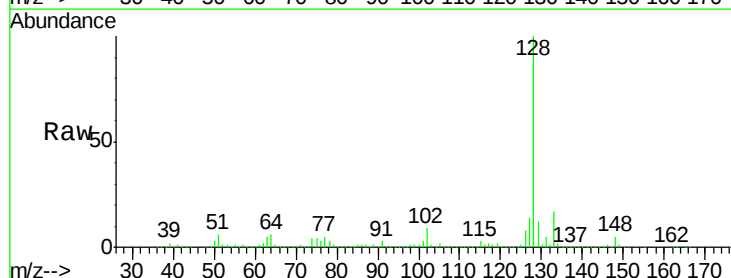
Tgt Ion: 128 Resp: 2123183

Ion Ratio Lower Upper

128 100

129 12.5 9.5 14.3

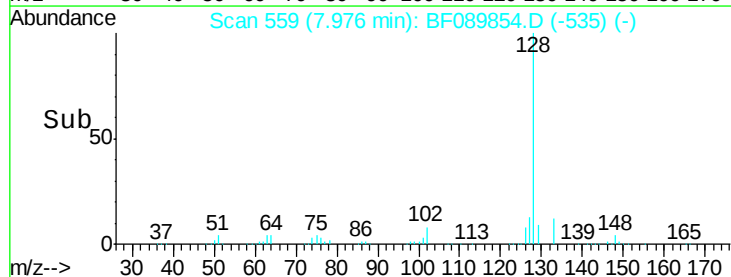
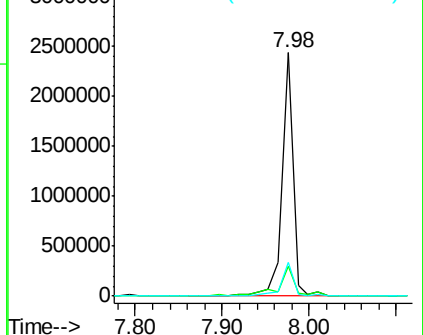
127 13.7 11.3 16.9

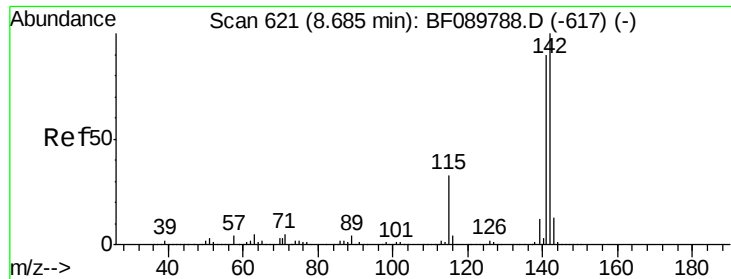


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

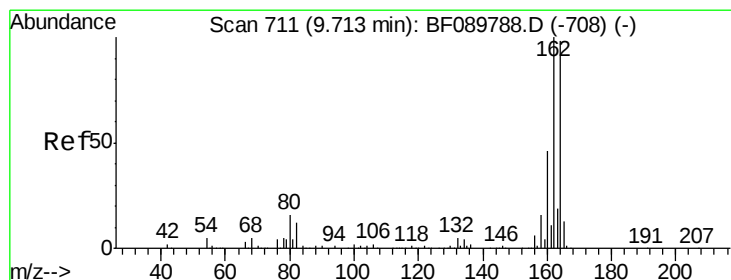
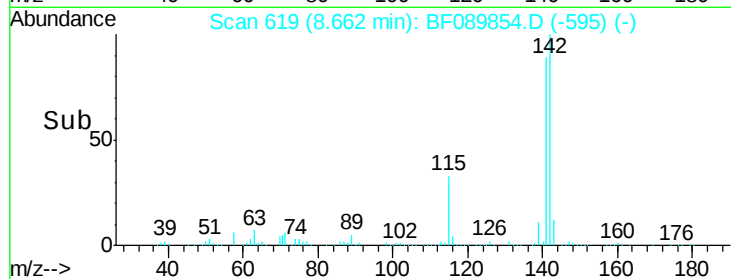
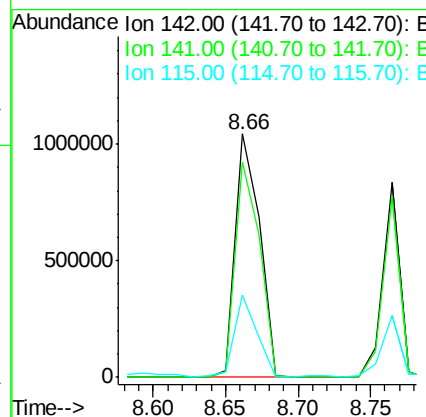
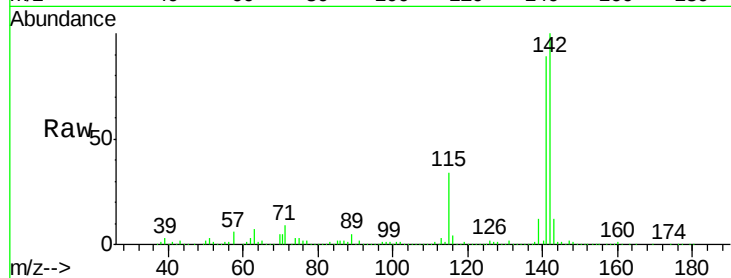




#37
 2-Methylnaphthalene
 Concen: 24.39 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF089854.D
 Acq: 24 Aug 2016 2:02

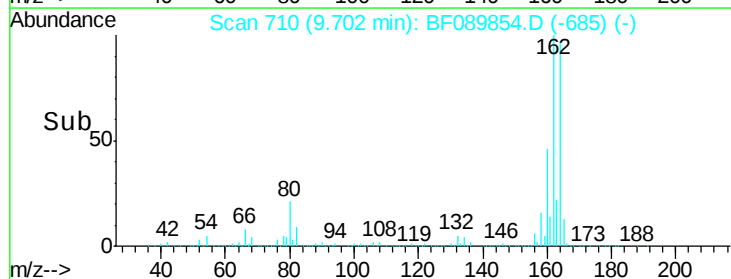
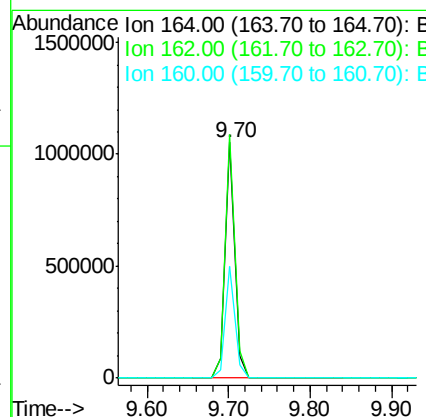
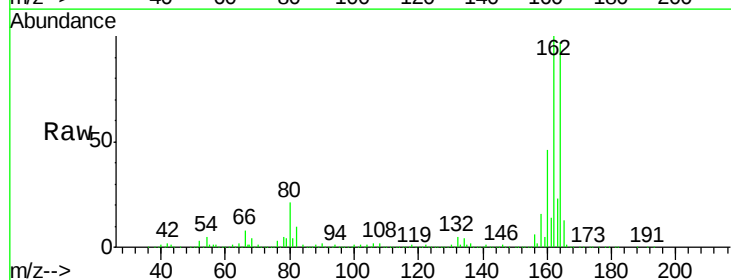
Instrument :
 BNA_F
 ClientSampled :
 D-7(0.5-1)DL

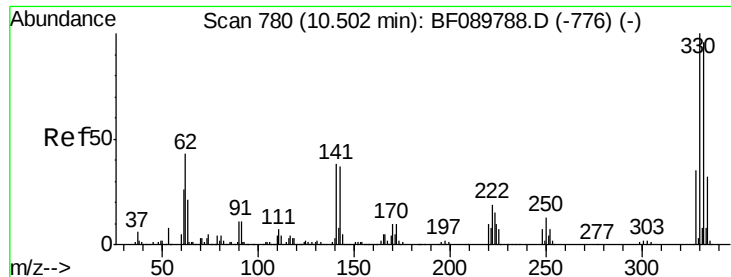
Tgt Ion:142 Resp: 1217061
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.4 107.2
 115 33.6 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089854.D
 Acq: 24 Aug 2016 2:02

Tgt Ion:164 Resp: 855960
 Ion Ratio Lower Upper
 164 100
 162 103.3 81.4 122.2
 160 47.6 37.8 56.6

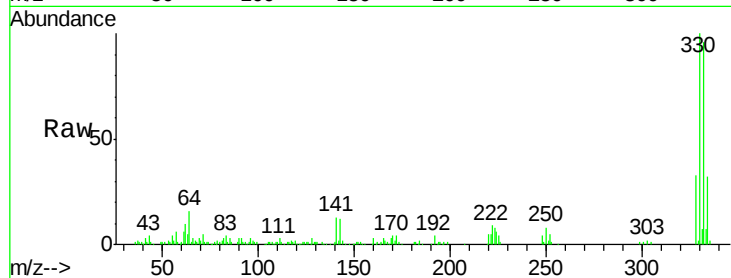




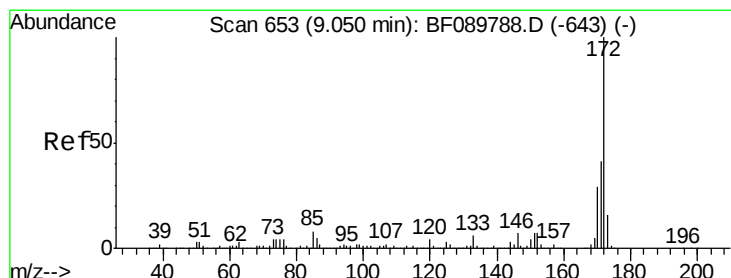
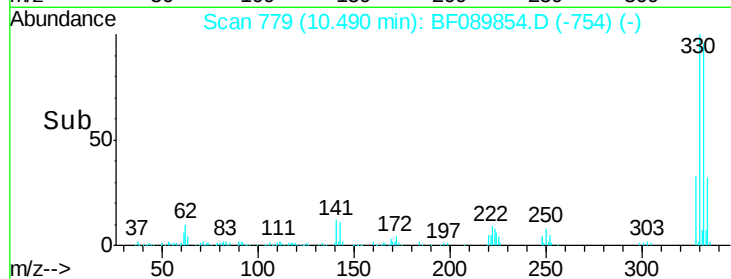
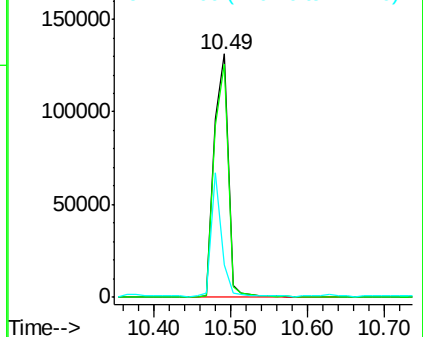
#41
 2,4,6-Tribromophenol
 Concen: 20.43 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089854.D
 Acq: 24 Aug 2016 2:02

Instrument :
 BNA_F
 ClientSampleId :
 D-7(0.5-1)DL

Tgt Ion:330 Resp: 166155
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 37.1 30.2 45.2

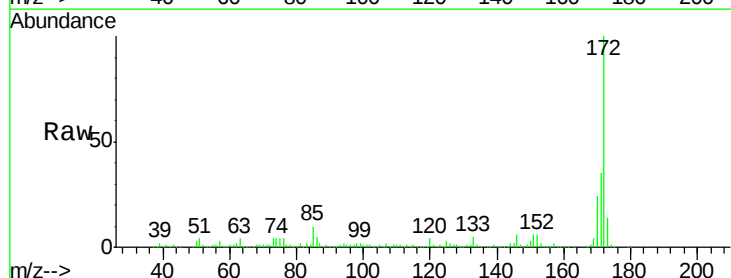


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

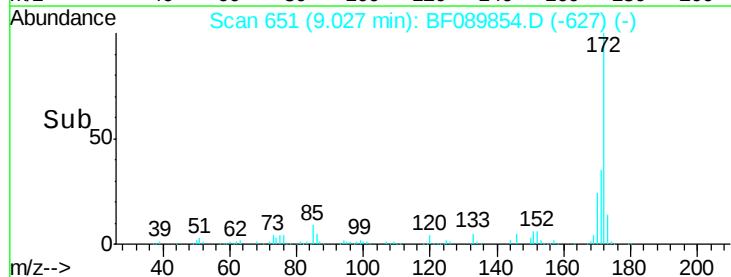
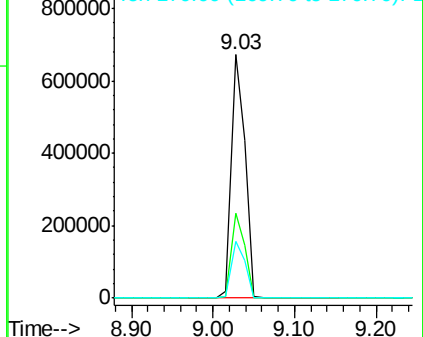


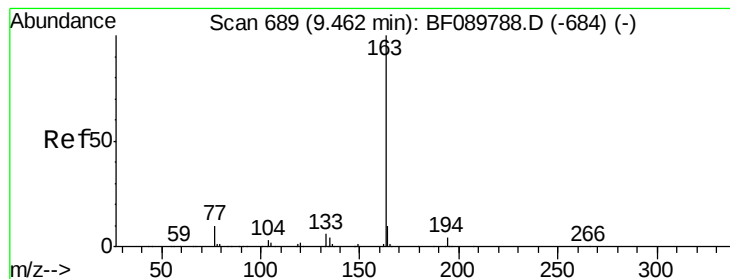
#44
 2-Fluorobiphenyl
 Concen: 16.12 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF089854.D
 Acq: 24 Aug 2016 2:02

Tgt Ion:172 Resp: 784847
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.5 45.7
 170 23.5 20.6 31.0



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





#49

Dimethylphthalate

Concen: 3.91 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

Instrument :

BNA_F

ClientSampleId :

D-7(0.5-1)DL

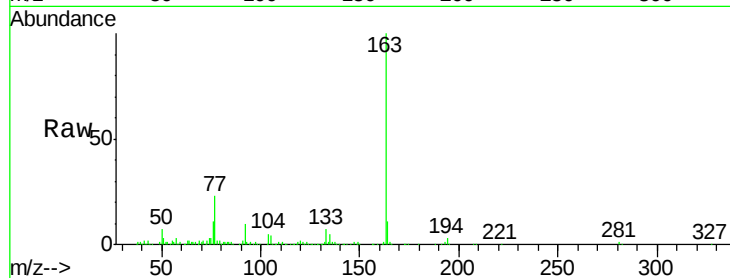
Tgt Ion:163 Resp: 235366

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

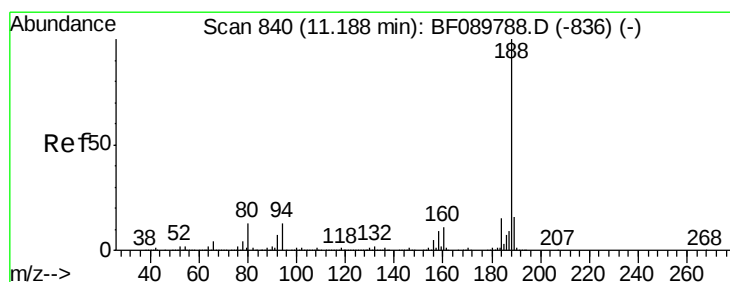
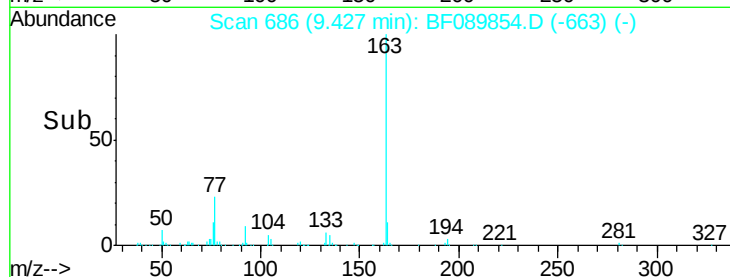
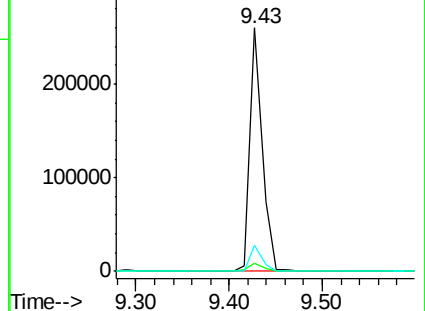
164 10.7 8.6 12.8



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: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

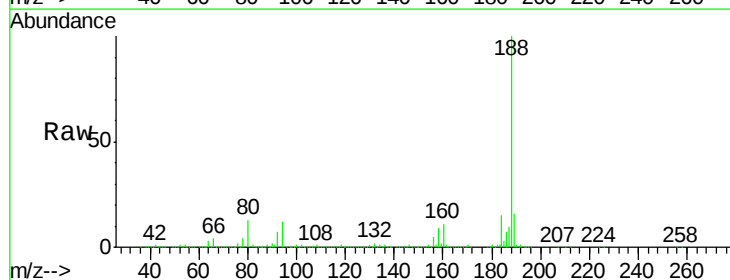
Tgt Ion:188 Resp: 1465914

Ion Ratio Lower Upper

188 100

94 12.2 10.2 15.2

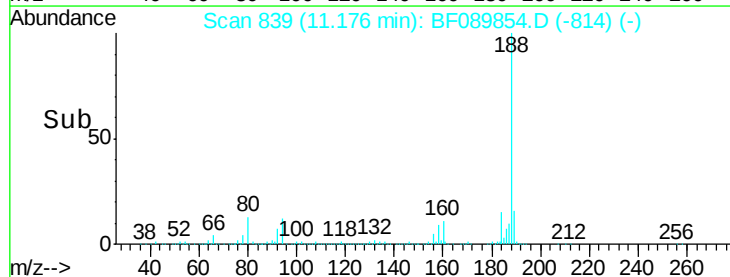
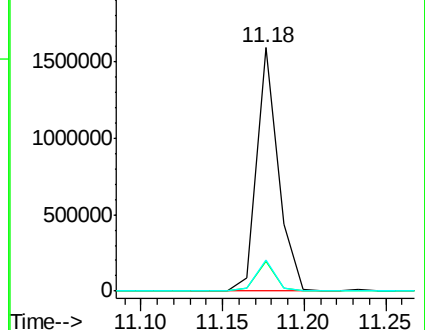
80 12.9 10.9 16.3

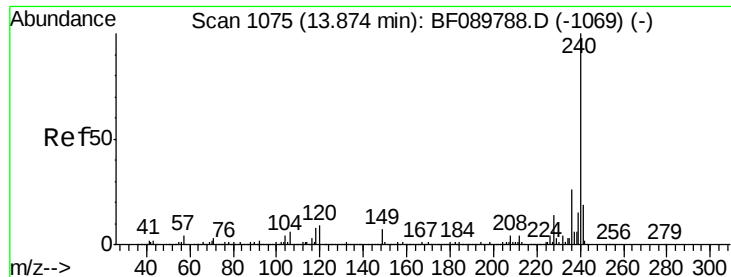


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.82 min Scan# 1070

Delta R.T. -0.06 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

Instrument :

BNA_F

ClientSampleId :

D-7(0.5-1)DL

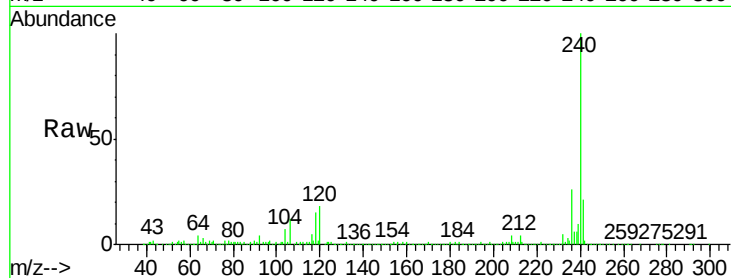
Tgt Ion:240 Resp: 1291121

Ion Ratio Lower Upper

240 100

120 17.9 8.3 12.5#

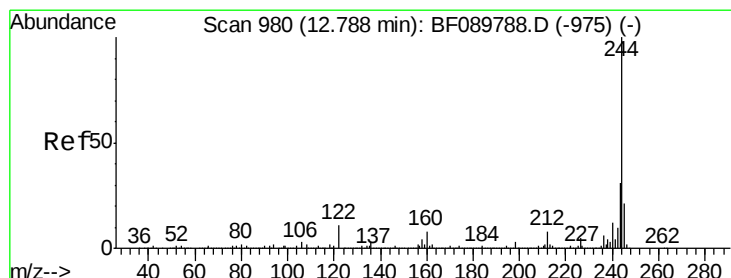
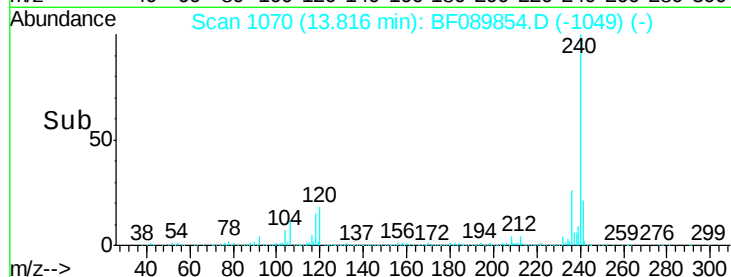
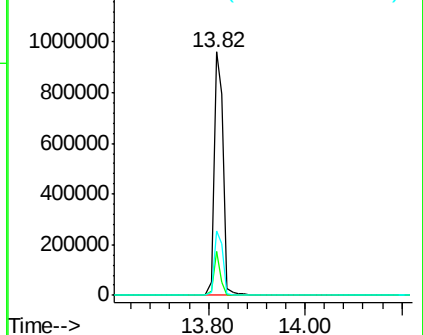
236 26.2 21.3 31.9



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: 13.52 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF089854.D

Acq: 24 Aug 2016 2:02

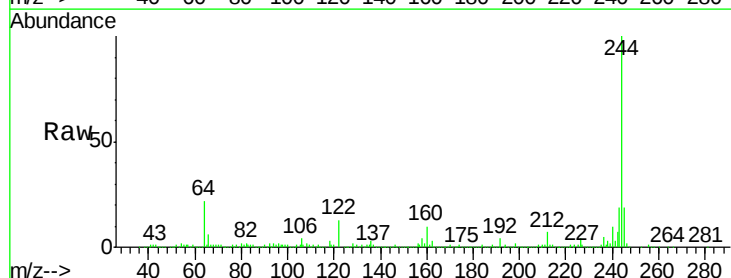
Tgt Ion:244 Resp: 771729

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

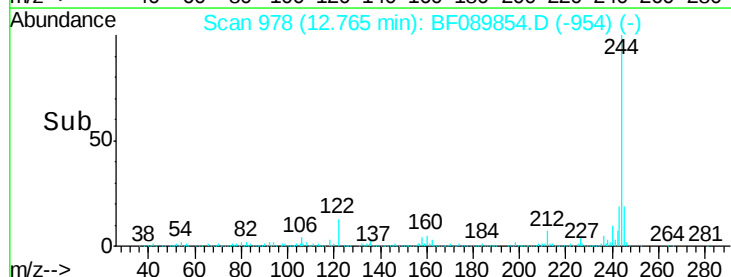
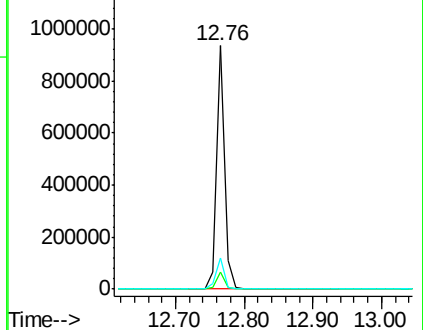
122 13.0 12.0 18.0

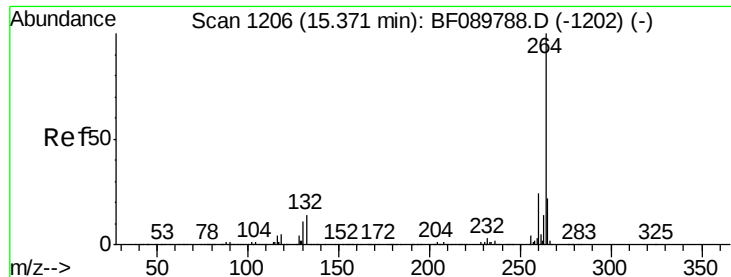


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.26 min Scan# 1196
Delta R.T. -0.11 min
Lab File: BF089854.D
Acq: 24 Aug 2016 2:02

Instrument :
BNA_F
ClientSampleId :
D-7(0.5-1)DL

Tgt Ion: 264 Resp: 1047976

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	22.5	17.4	26.2

