

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089863.D
 Acq On : 24 Aug 2016 9:44
 Operator : UM/SJ
 Sample : H4547-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-14(2-2.5)DL

Quant Time: Aug 25 14:35:57 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

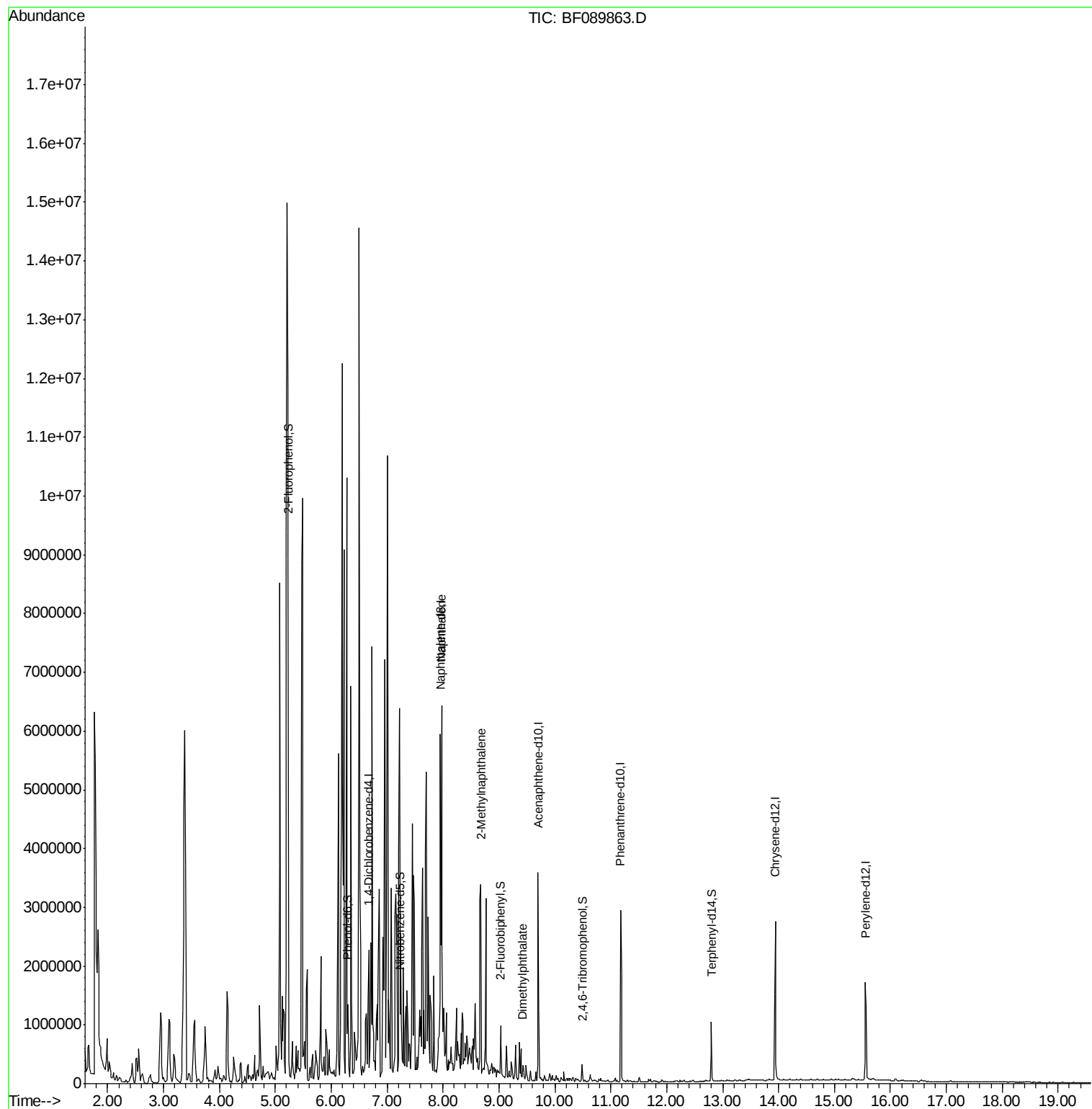
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	383918	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1494652	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	723501	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1363027	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	1126513	20.00	ng	0.07
86) Perylene-d12	15.55	264	875620	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	223760	9.99	ng	-0.02
7) Phenol-d6	6.30	99	327629	11.92	ng	-0.02
23) Nitrobenzene-d5	7.23	82	184410	7.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	52776	7.68	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	363427	8.83	ng	-0.02
78) Terphenyl-d14	12.80	244	360627	7.24	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	7.98	128	2222496	31.82	ng	99
37) 2-Methylnaphthalene	8.67	142	1348765	29.85	ng	98
49) Dimethylphthalate	9.43	163	112280	2.20	ng	100

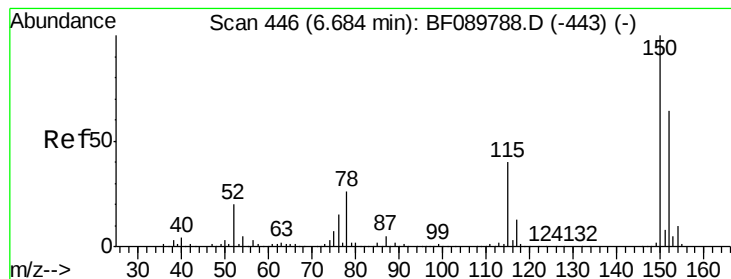
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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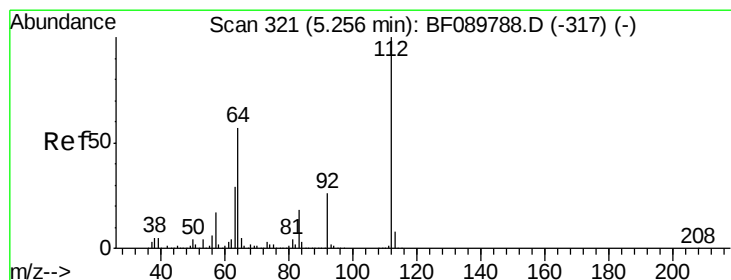
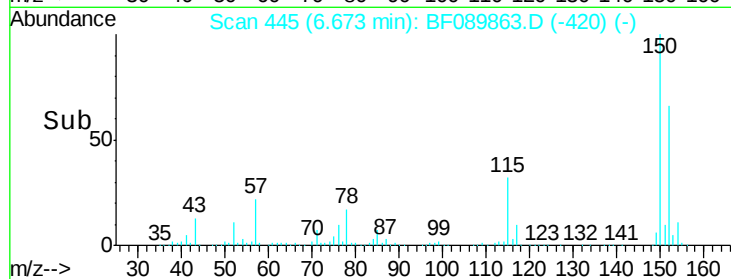
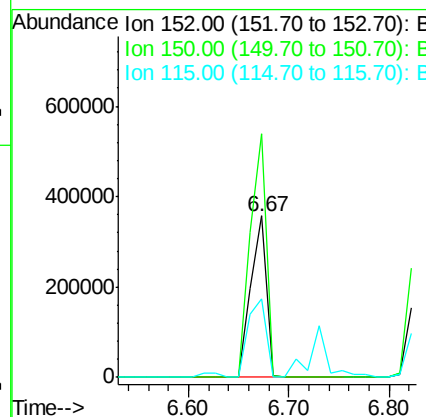
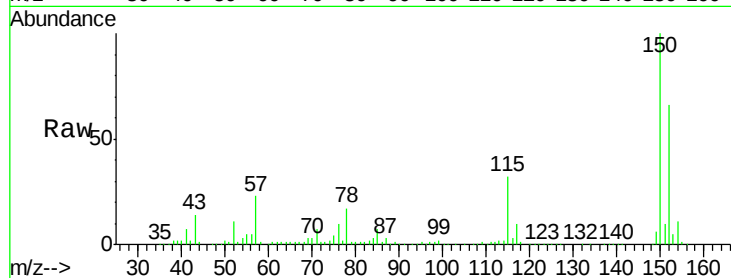




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BF089863.D
 Acq: 24 Aug 2016 9:44

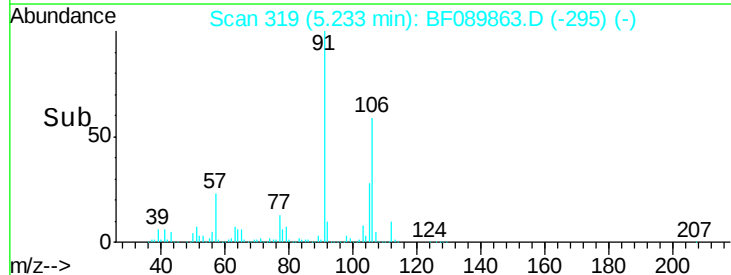
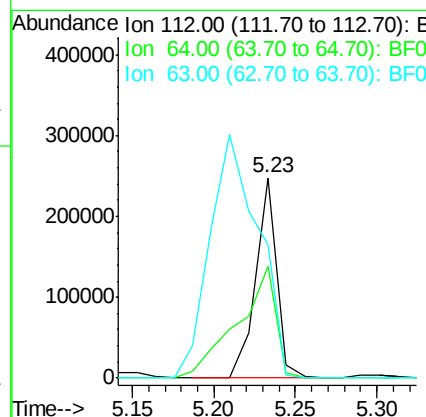
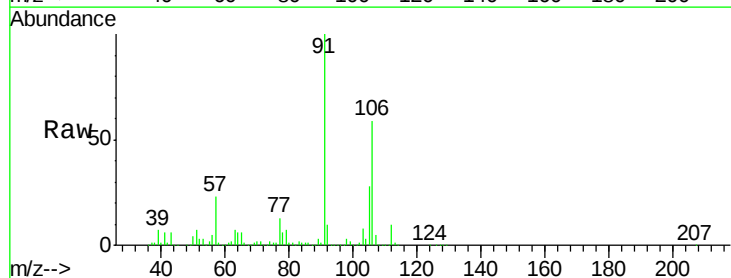
Instrument :
 BNA_F
 ClientSampleId :
 D-14(2-2.5)DL

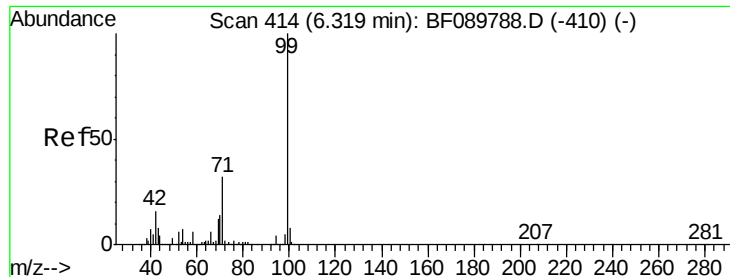
Tgt Ion:152 Resp: 383918
 Ion Ratio Lower Upper
 152 100
 150 151.1 125.3 187.9
 115 48.7 40.9 61.3



#5
 2-Fluorophenol
 Concen: 9.99 ng
 RT: 5.23 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: BF089863.D
 Acq: 24 Aug 2016 9:44

Tgt Ion:112 Resp: 223760
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.0 67.4
 63 66.5 23.1 34.7#





#7

Phenol-d6

Concen: 11.92 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089863.D

Acq: 24 Aug 2016 9:44

Instrument :

BNA_F

ClientSampleId :

D-14(2-2.5)DL

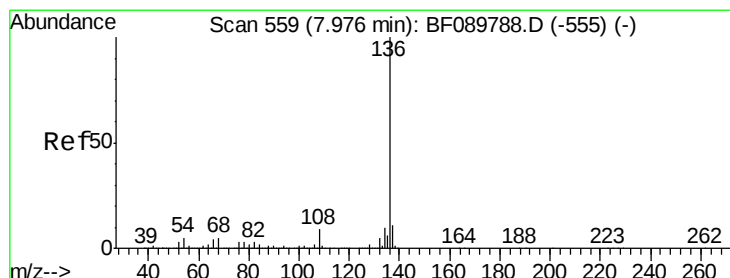
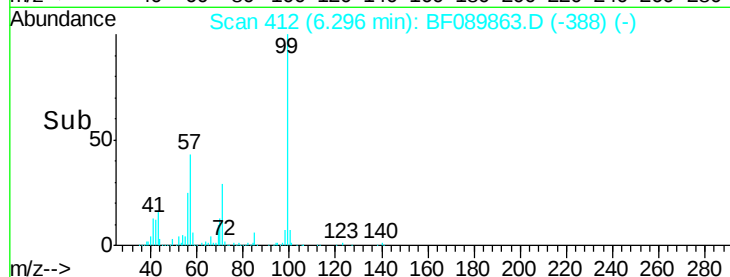
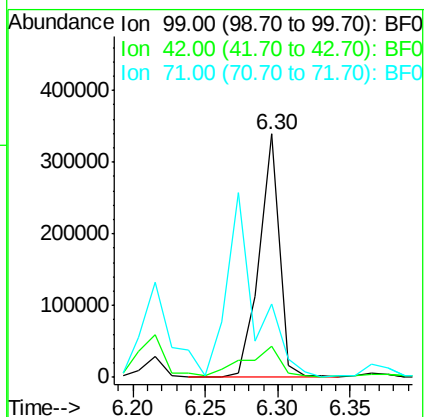
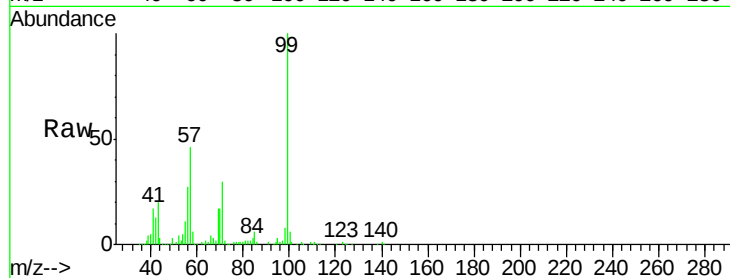
Tgt Ion: 99 Resp: 327629

Ion Ratio Lower Upper

99 100

42 12.6 12.2 18.4

71 30.3 23.8 35.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089863.D

Acq: 24 Aug 2016 9:44

Tgt Ion: 136 Resp: 1494652

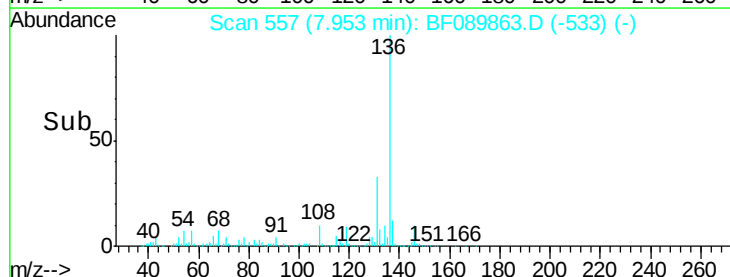
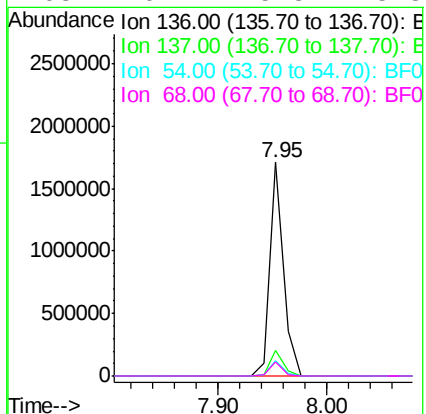
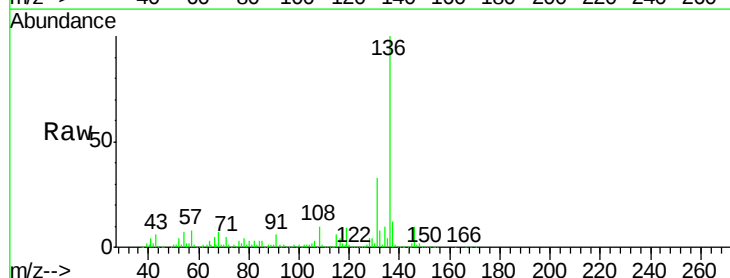
Ion Ratio Lower Upper

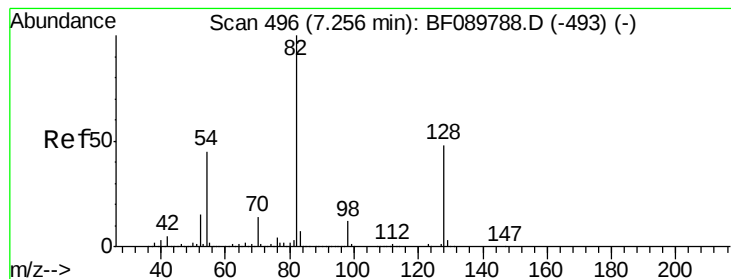
136 100

137 11.7 9.2 13.8

54 7.2 7.2 10.8

68 6.7 5.8 8.8





#23

Nitrobenzene-d5

Concen: 7.67 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF089863.D

Acq: 24 Aug 2016 9:44

Instrument :

BNA_F

ClientSampleId :

D-14(2-2.5)DL

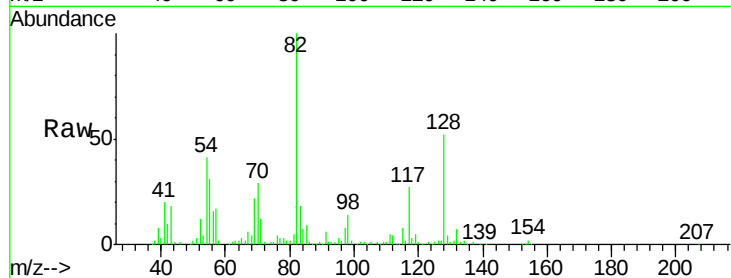
Tgt Ion: 82 Resp: 184410

Ion Ratio Lower Upper

82 100

128 51.6 34.4 51.6

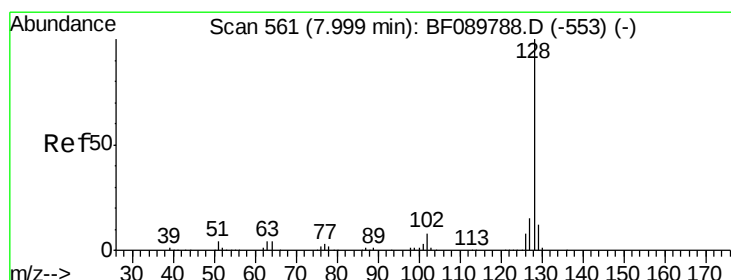
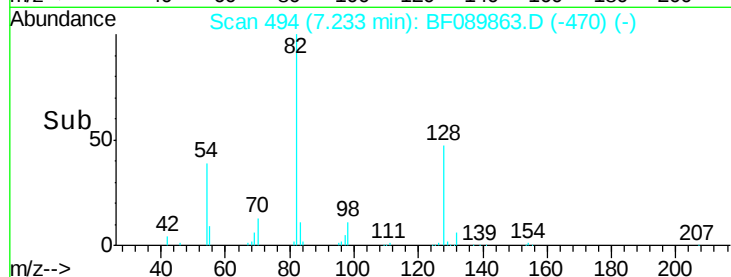
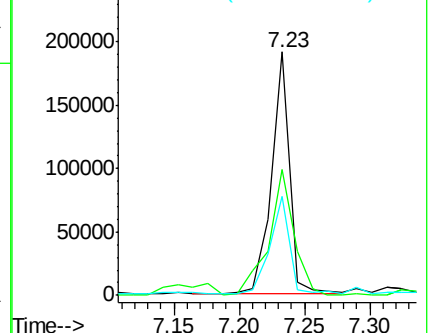
54 40.8 40.3 60.5



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: 31.82 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089863.D

Acq: 24 Aug 2016 9:44

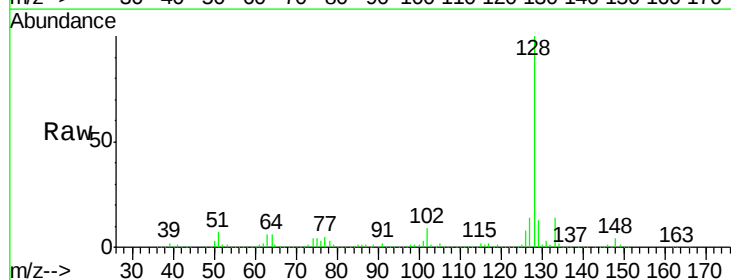
Tgt Ion: 128 Resp: 2222496

Ion Ratio Lower Upper

128 100

129 12.5 9.5 14.3

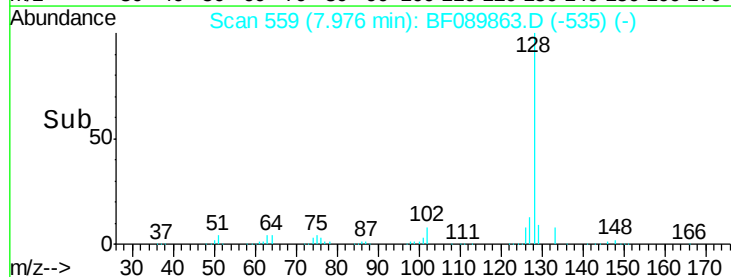
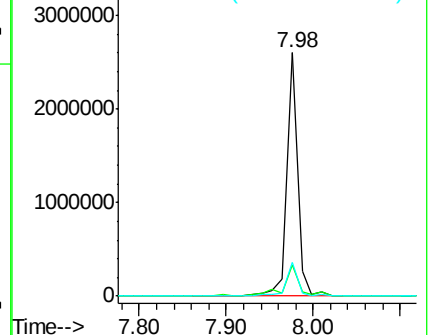
127 14.0 11.3 16.9

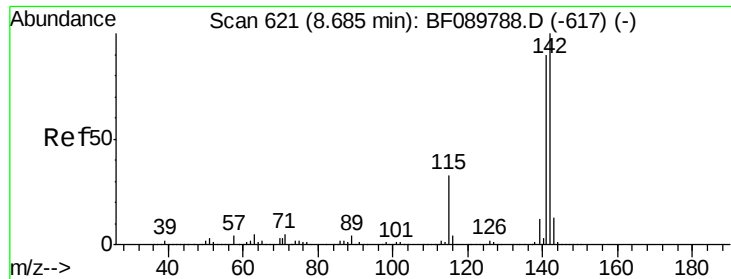


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

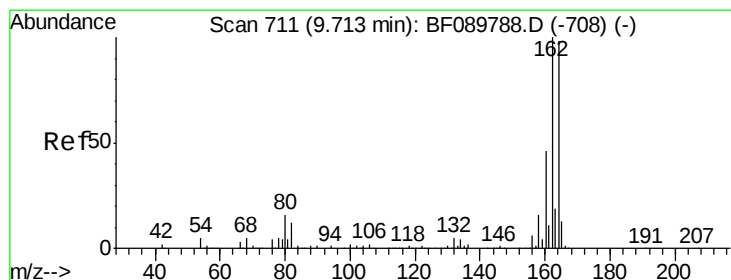
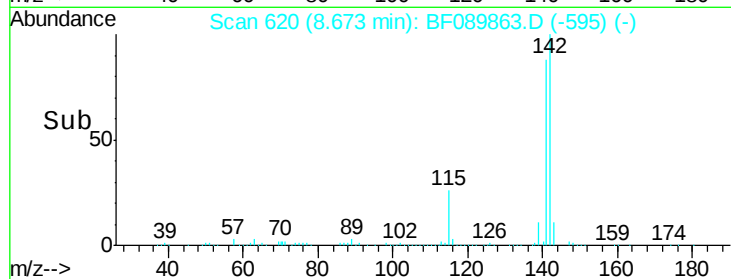
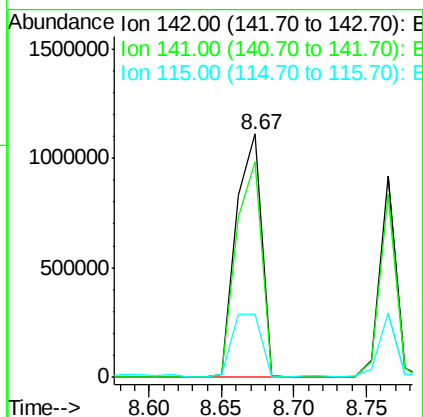
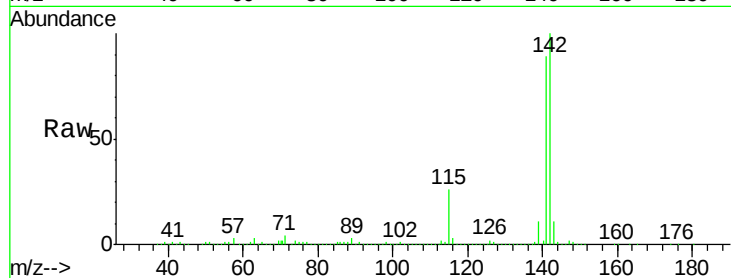




#37
 2-Methylnaphthalene
 Concen: 29.85 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF089863.D
 Acq: 24 Aug 2016 9:44

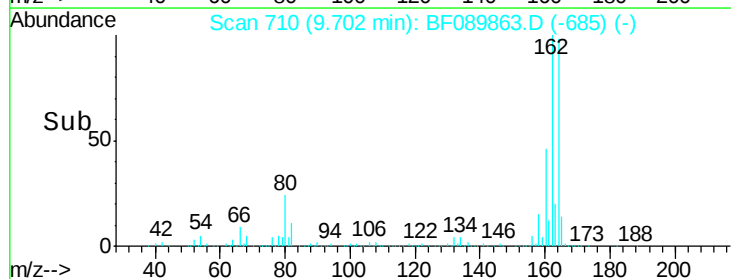
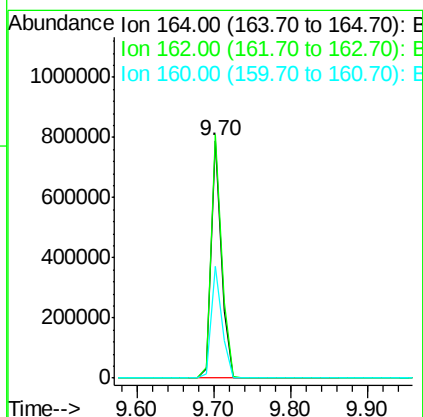
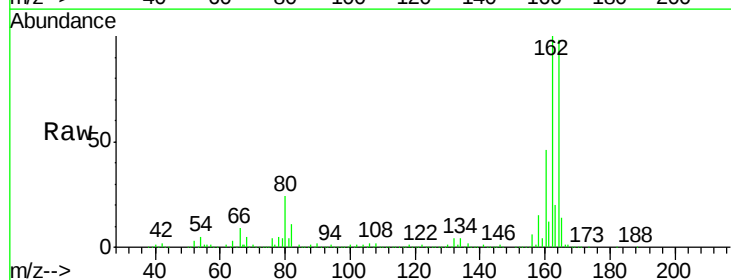
Instrument :
 BNA_F
 ClientSampleId :
 D-14(2-2.5)DL

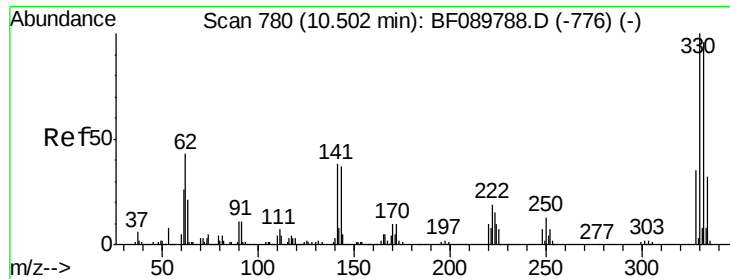
Tgt Ion:142 Resp: 1348765
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.4 107.2
 115 26.1 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089863.D
 Acq: 24 Aug 2016 9:44

Tgt Ion:164 Resp: 723501
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 47.0 37.8 56.6

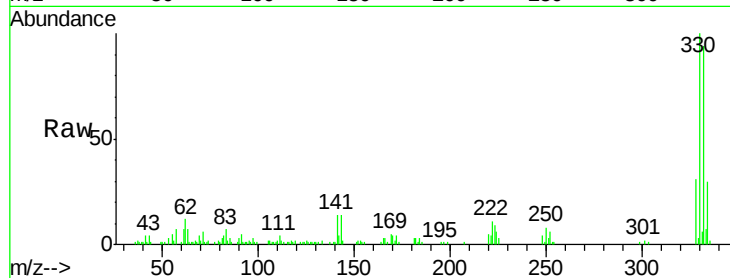




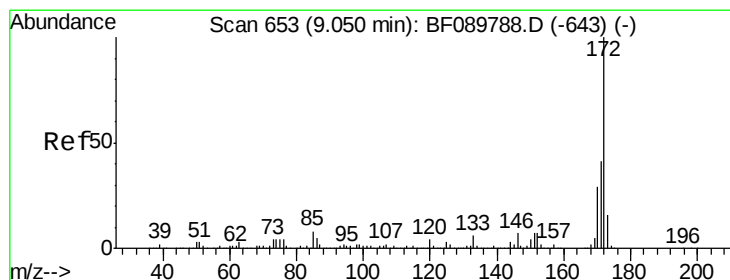
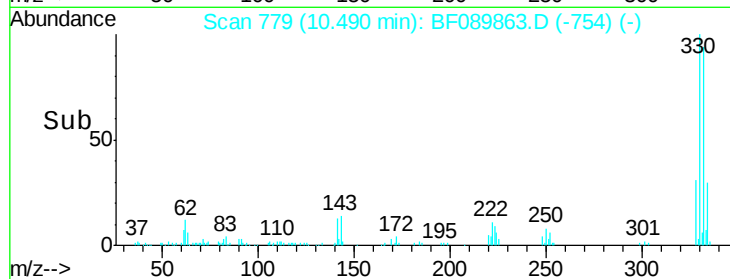
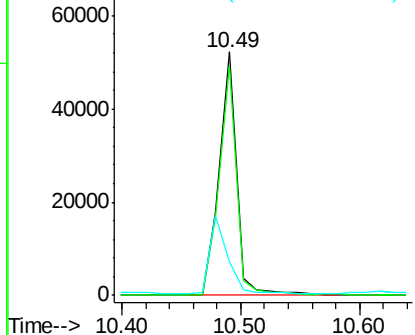
#41
 2,4,6-Tribromophenol
 Concen: 7.68 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089863.D
 Acq: 24 Aug 2016 9:44

Instrument :
 BNA_F
 ClientSampleId :
 D-14(2-2.5)DL

Tgt Ion:330 Resp: 52776
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.7 115.1
 141 33.8 30.2 45.2

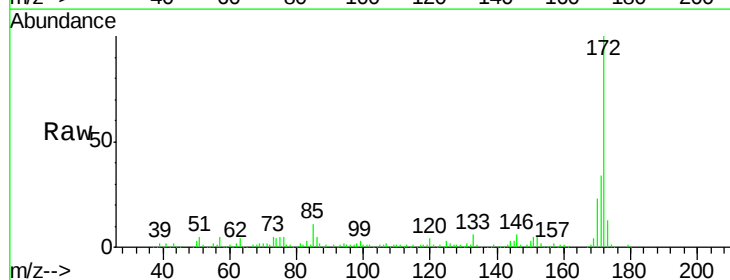


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

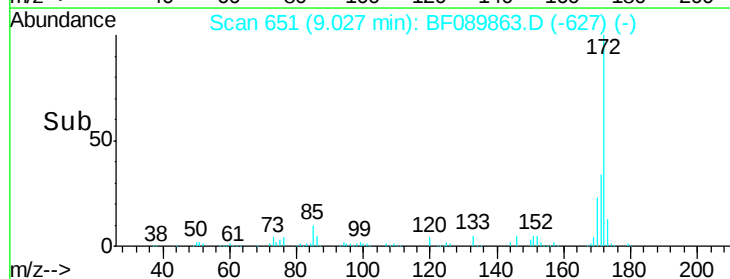
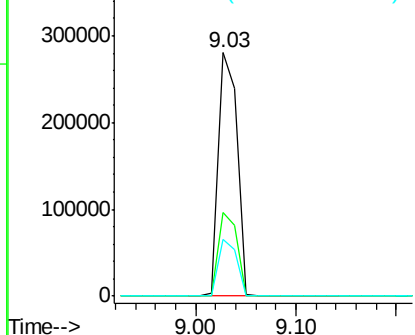


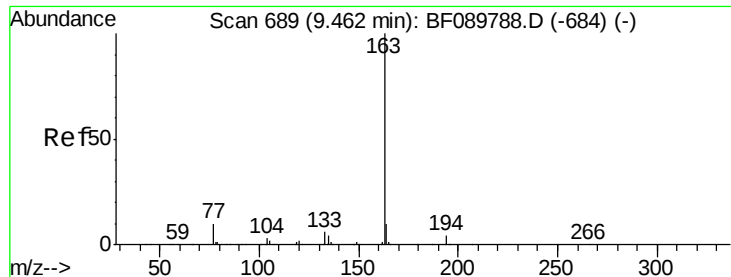
#44
 2-Fluorobiphenyl
 Concen: 8.83 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF089863.D
 Acq: 24 Aug 2016 9:44

Tgt Ion:172 Resp: 363427
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.5 45.7
 170 23.3 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

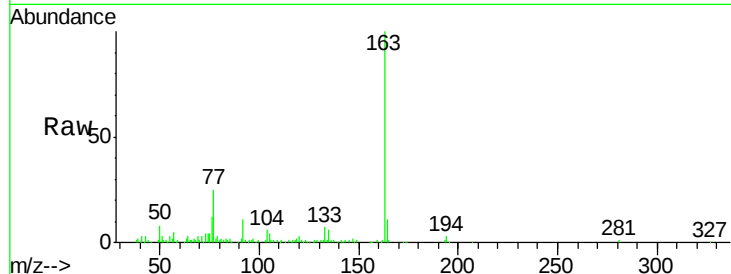




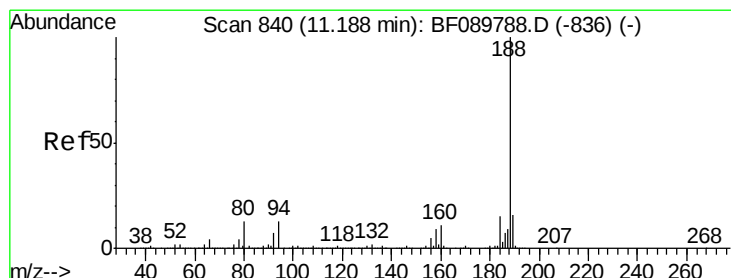
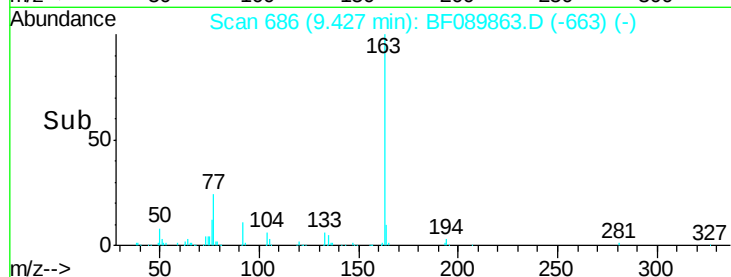
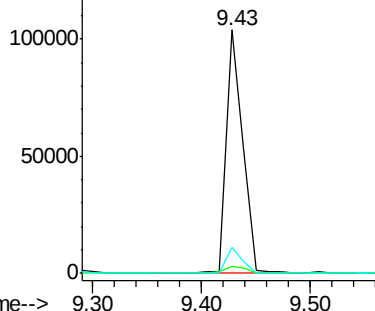
#49
Dimethylphthalate
Concen: 2.20 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089863.D
Acq: 24 Aug 2016 9:44

Instrument :
BNA_F
ClientSampleId :
D-14(2-2.5)DL

Tgt Ion:163 Resp: 112280
Ion Ratio Lower Upper
163 100
194 2.9 2.6 3.8
164 10.6 8.6 12.8

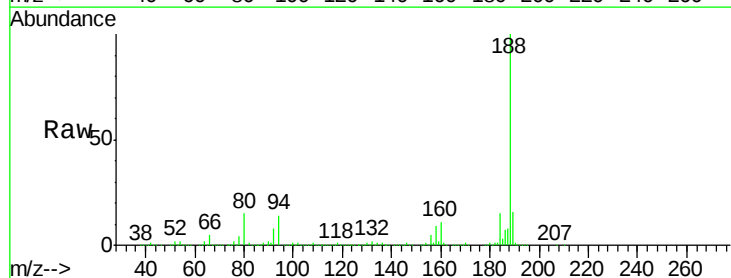


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

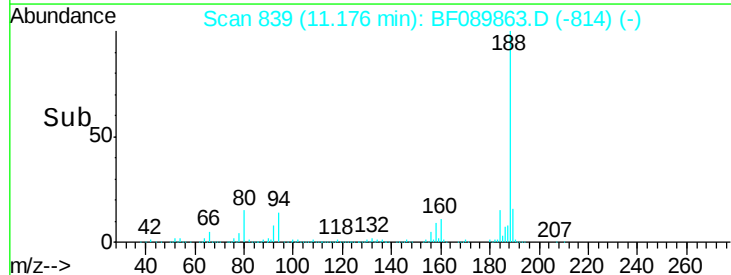
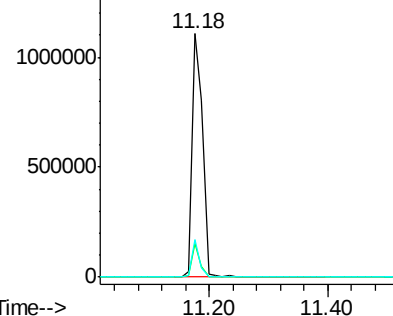


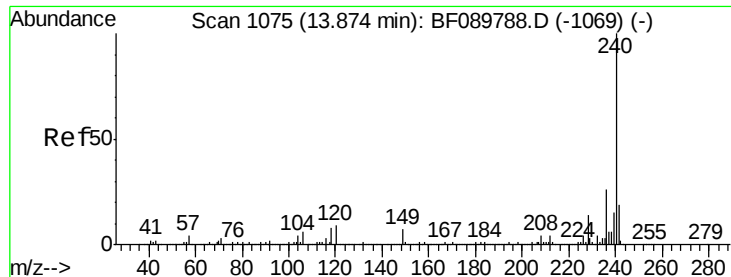
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089863.D
Acq: 24 Aug 2016 9:44

Tgt Ion:188 Resp: 1363027
Ion Ratio Lower Upper
188 100
94 14.1 10.2 15.2
80 15.2 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: 13.94 min Scan# 1081

Delta R.T. 0.07 min

Lab File: BF089863.D

Acq: 24 Aug 2016 9:44

Instrument :

BNA_F

ClientSampleId :

D-14(2-2.5)DL

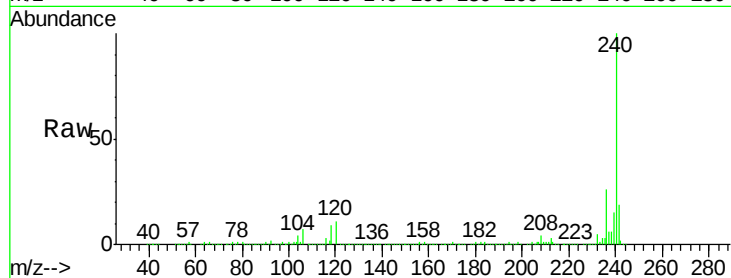
Tgt Ion:240 Resp: 1126513

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

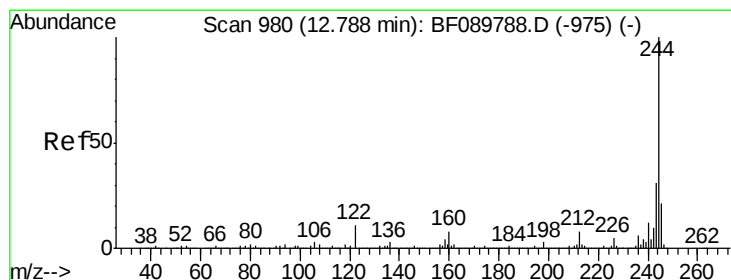
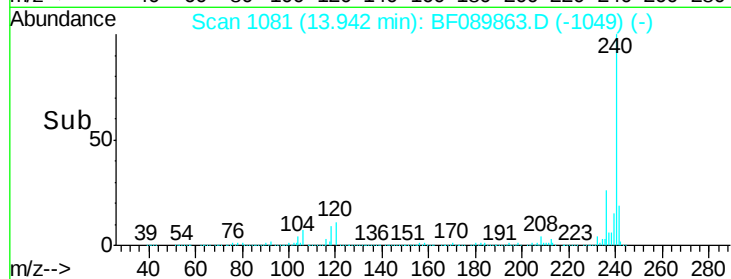
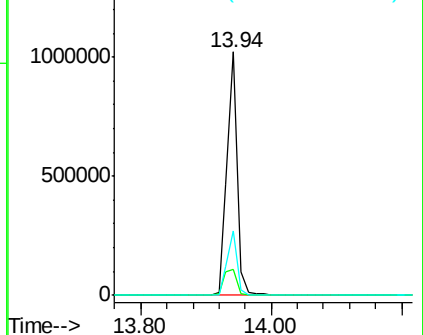
236 26.4 21.3 31.9



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: 7.24 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF089863.D

Acq: 24 Aug 2016 9:44

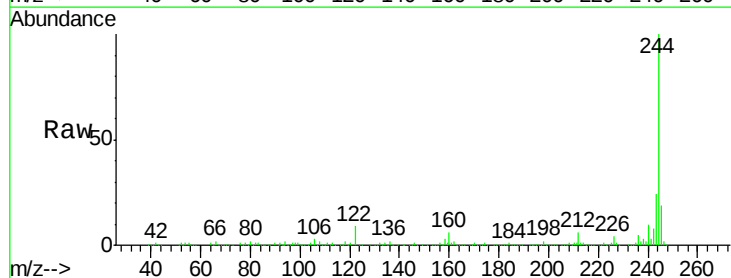
Tgt Ion:244 Resp: 360627

Ion Ratio Lower Upper

244 100

212 6.2 6.3 9.5#

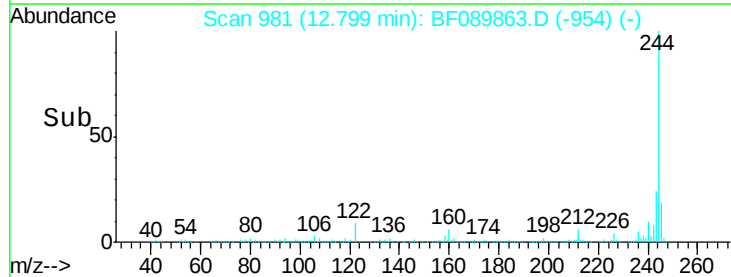
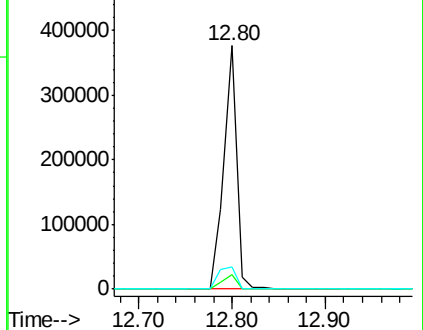
122 9.2 12.0 18.0#

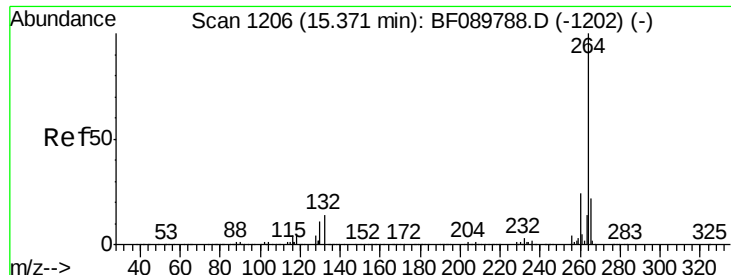


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1222
Delta R.T. 0.18 min
Lab File: BF089863.D
Acq: 24 Aug 2016 9:44

Instrument :
BNA_F
ClientSampleId :
D-14(2-2.5)DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.2	30.2
265	22.0	17.4	26.2

