

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089855.D
 Acq On : 24 Aug 2016 2:29
 Operator : UM/SJ
 Sample : H4547-16DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-12(1.5-2)DL

Quant Time: Aug 25 14:18:35 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

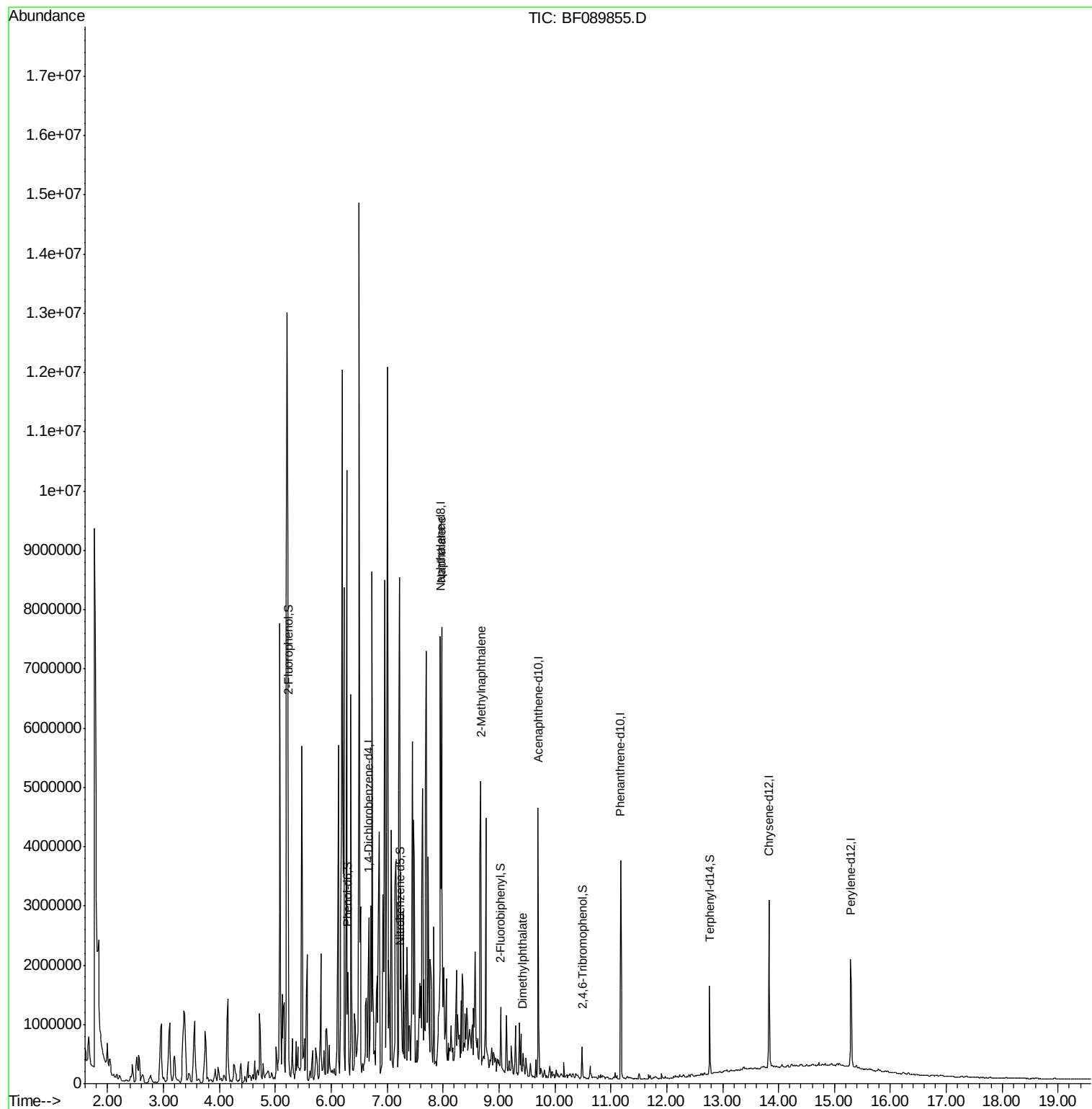
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	441588	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1678081	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	841866	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1490085	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1148318	20.00	ng	-0.05
86) Perylene-d12	15.29	264	946256	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	329593	12.80	ng	-0.02
7) Phenol-d6	6.30	99	446936	14.14	ng	-0.02
23) Nitrobenzene-d5	7.23	82	249832	9.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	87059	10.88	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	456724	9.53	ng	-0.02
78) Terphenyl-d14	12.77	244	434965	8.57	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.98	128	2623112	33.45	ng	99
37) 2-Methylnaphthalene	8.67	142	1808126	35.64	ng	99
49) Dimethylphthalate	9.43	163	152378	2.57	ng	100

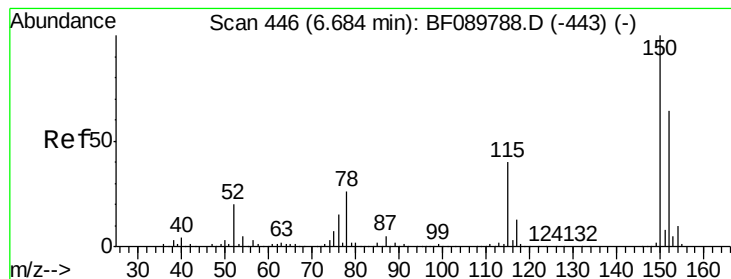
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089855.D

Acq: 24 Aug 2016 2:29

Instrument :

BNA_F

ClientSampleId :

D-12(1.5-2)DL

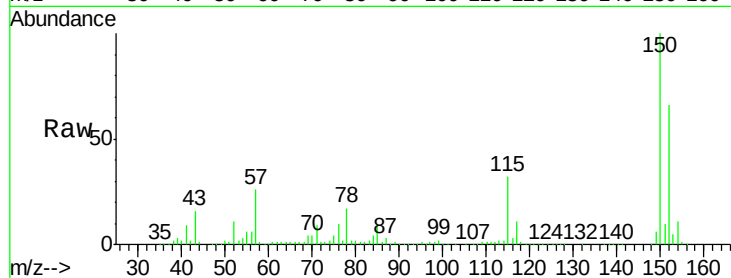
Tgt Ion:152 Resp: 441588

Ion Ratio Lower Upper

152 100

150 152.1 125.3 187.9

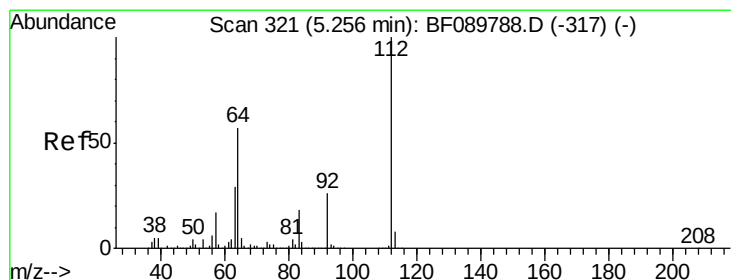
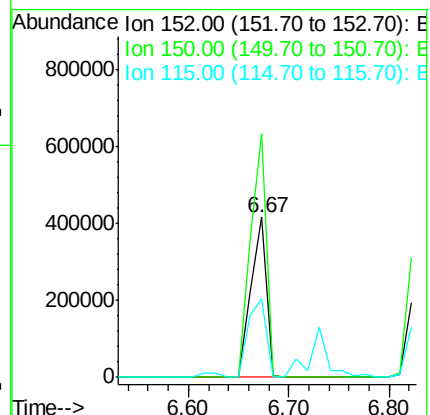
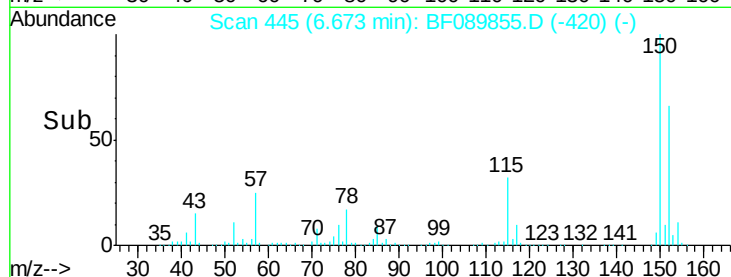
115 48.8 40.9 61.3



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: 12.80 ng

RT: 5.23 min Scan# 319

Delta R.T. -0.02 min

Lab File: BF089855.D

Acq: 24 Aug 2016 2:29

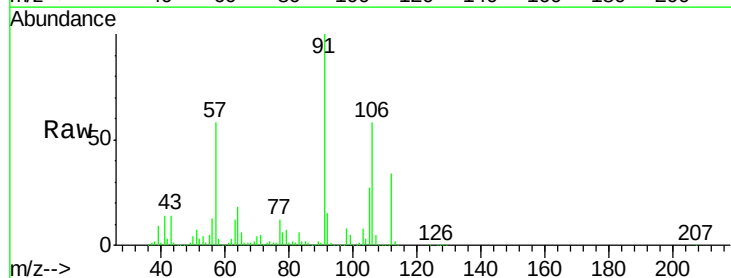
Tgt Ion:112 Resp: 329593

Ion Ratio Lower Upper

112 100

64 51.2 45.0 67.4

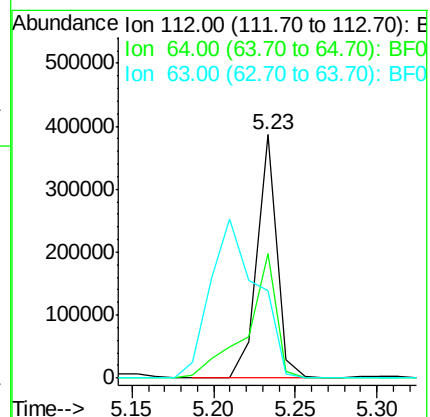
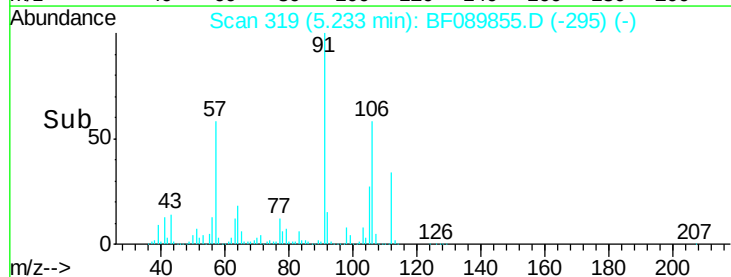
63 35.7 23.1 34.7#

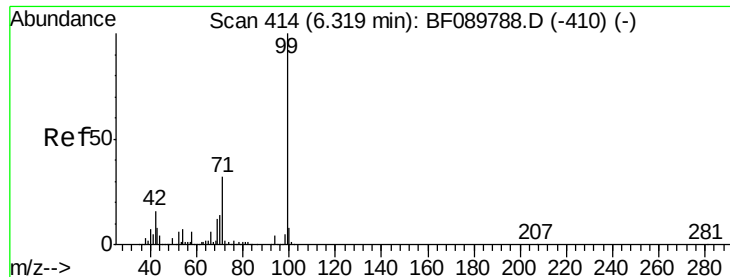


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.14 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089855.D

Acq: 24 Aug 2016 2:29

Instrument :

BNA_F

ClientSampleId :

D-12(1.5-2)DL

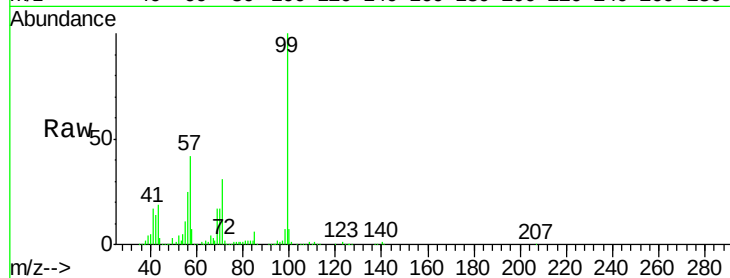
Tgt Ion: 99 Resp: 446936

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.4

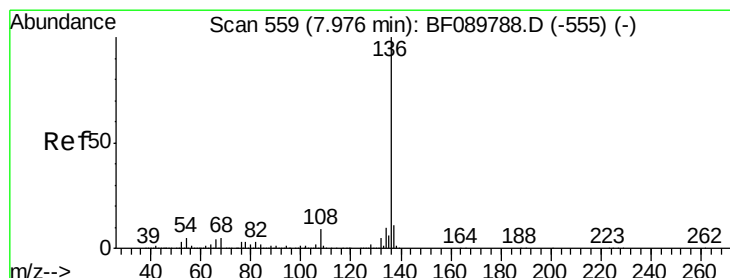
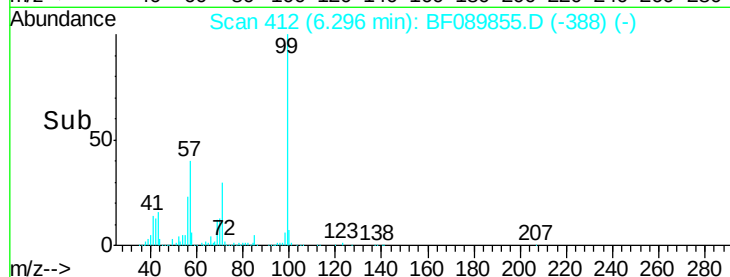
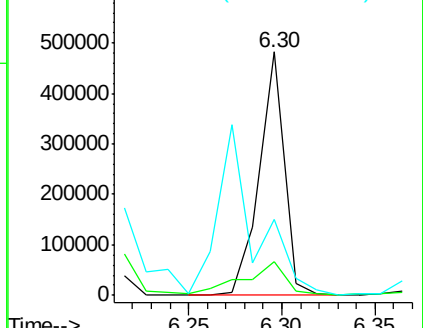
71 31.2 23.8 35.8



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: BF089855.D

Acq: 24 Aug 2016 2:29

Tgt Ion: 136 Resp: 1678081

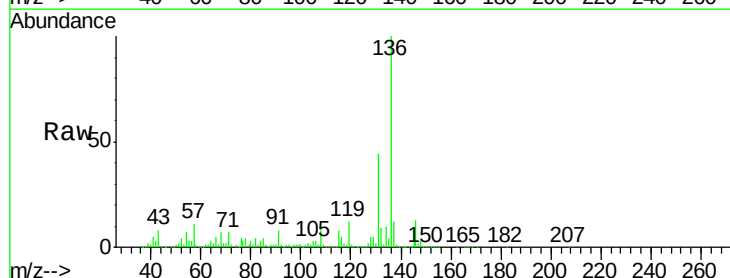
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 7.0 7.2 10.8#

68 6.7 5.8 8.8

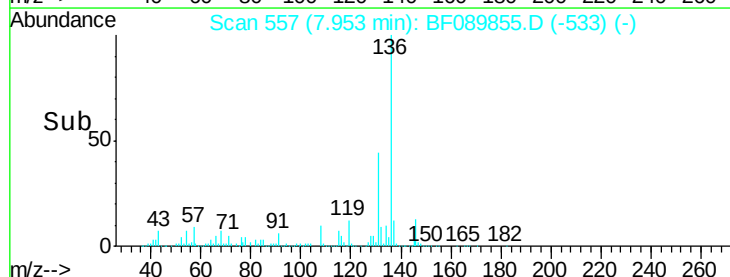
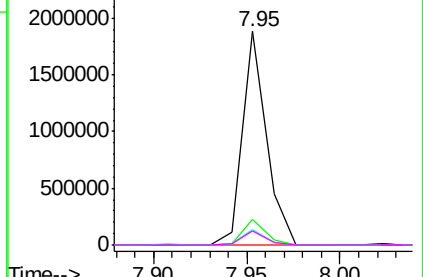


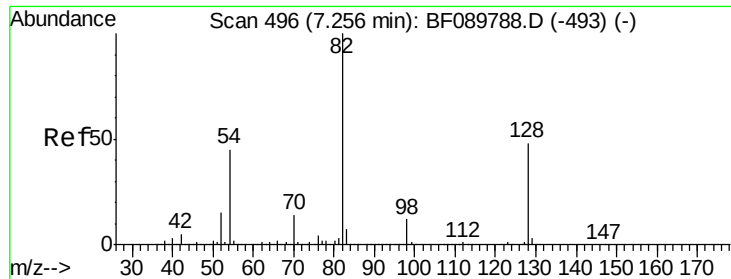
Abundance Ion 136.00 (135.70 to 136.70): E

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

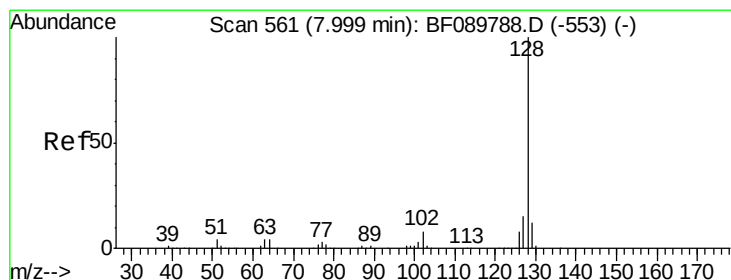
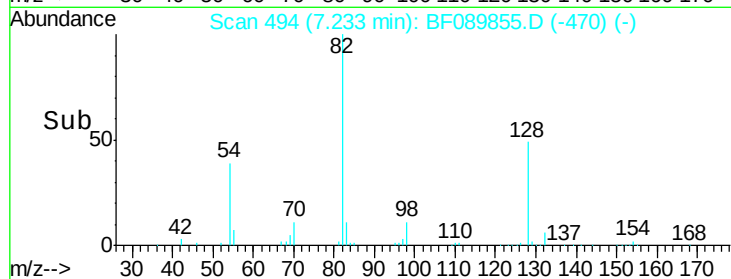
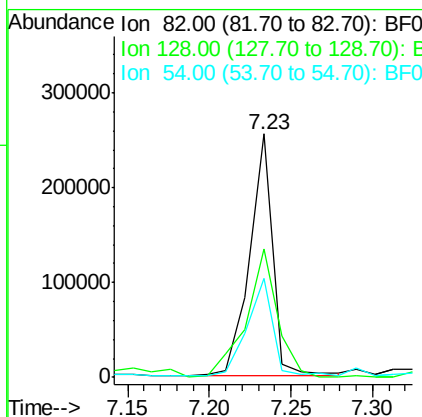
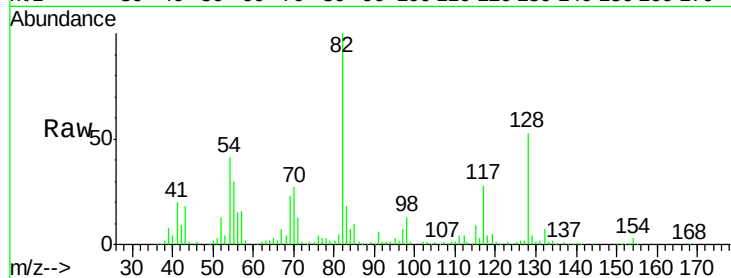




#23
 Nitrobenzene-d5
 Concen: 9.25 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089855.D
 Acq: 24 Aug 2016 2:29

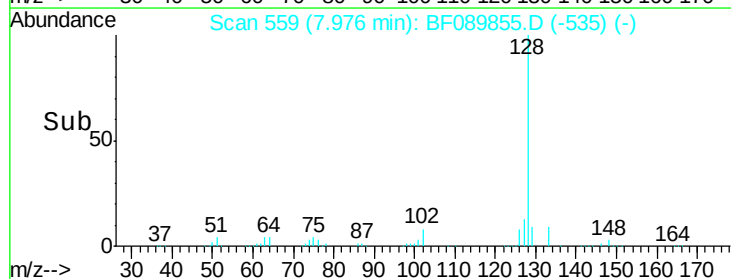
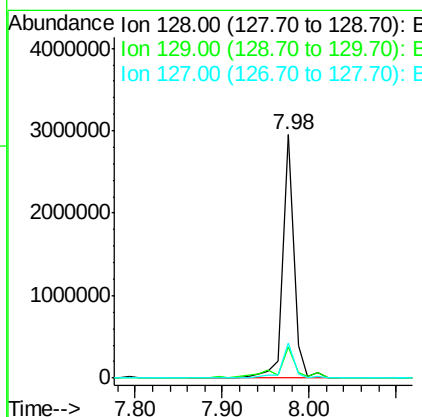
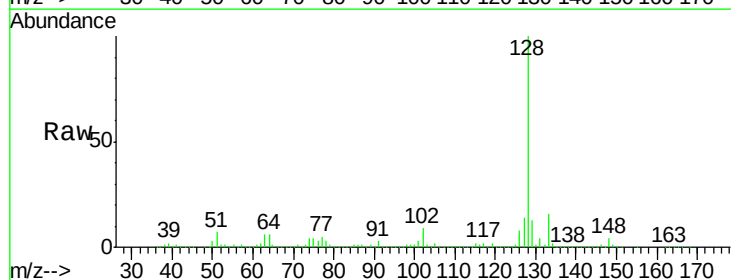
Instrument :
 BNA_F
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 D-12(1.5-2)DL

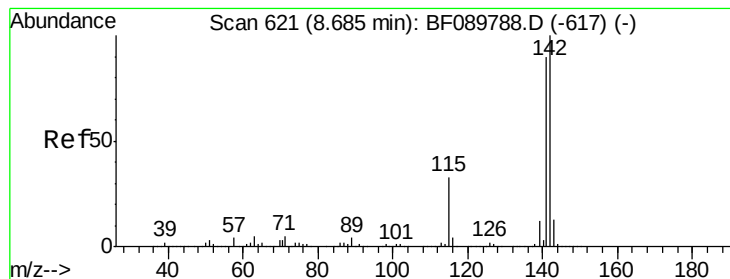
Tgt Ion: 82 Resp: 249832
 Ion Ratio Lower Upper
 82 100
 128 52.8 34.4 51.6#
 54 40.7 40.3 60.5



#31
 Naphthalene
 Concen: 33.45 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF089855.D
 Acq: 24 Aug 2016 2:29

Tgt Ion: 128 Resp: 2623112
 Ion Ratio Lower Upper
 128 100
 129 12.9 9.5 14.3
 127 14.3 11.3 16.9

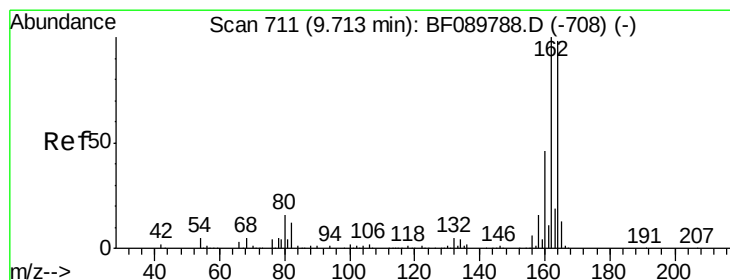
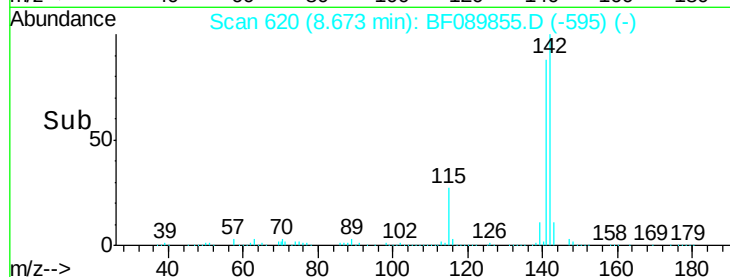
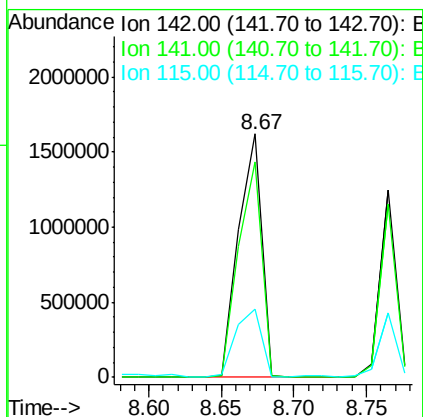
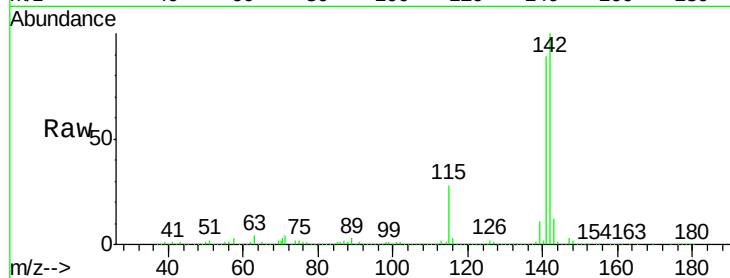




#37
 2-Methylnaphthalene
 Concen: 35.64 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF089855.D
 Acq: 24 Aug 2016 2:29

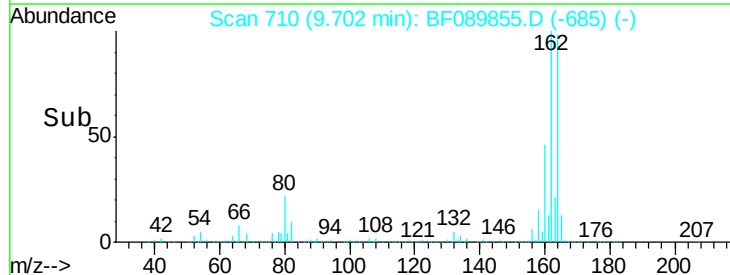
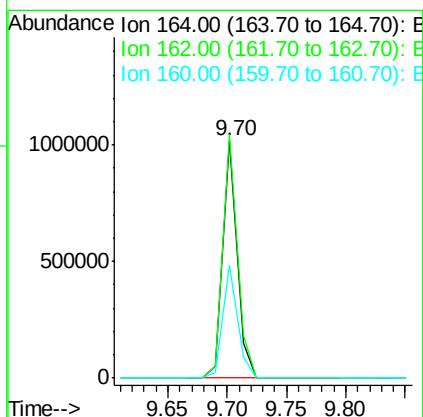
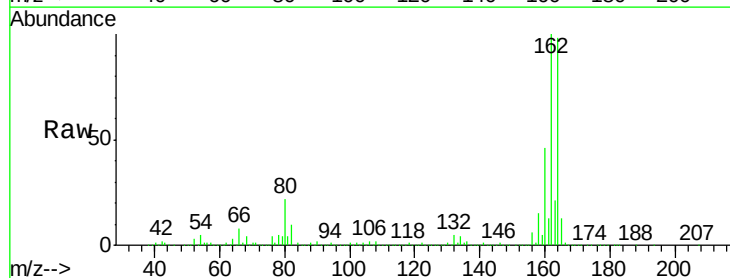
Instrument :
 BNA_F
 ClientSampleId :
 D-12(1.5-2)DL

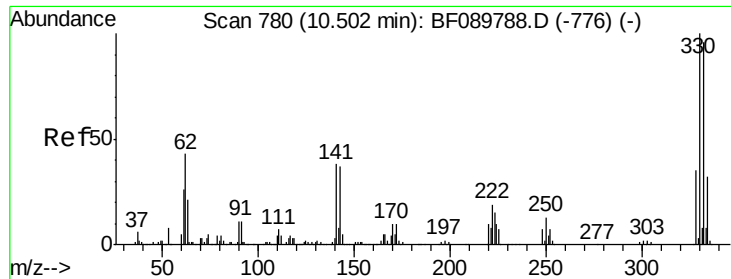
Tgt Ion:142 Resp: 1808126
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.4 107.2
 115 27.8 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089855.D
 Acq: 24 Aug 2016 2:29

Tgt Ion:164 Resp: 841866
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 47.5 37.8 56.6

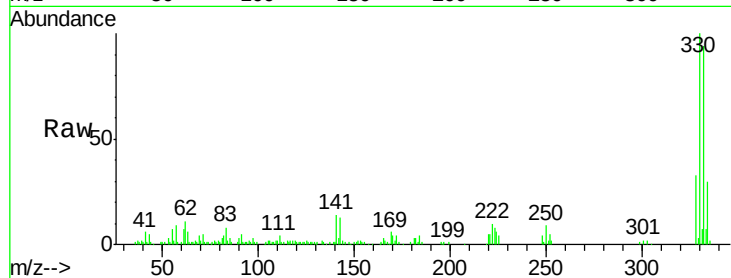




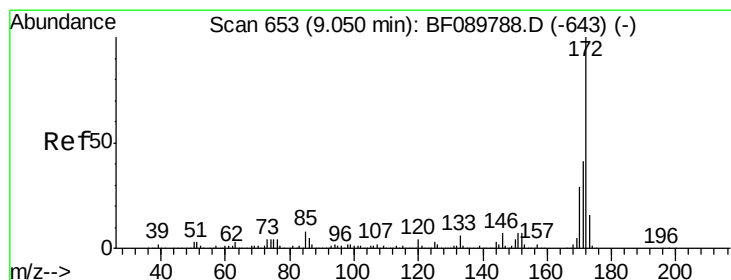
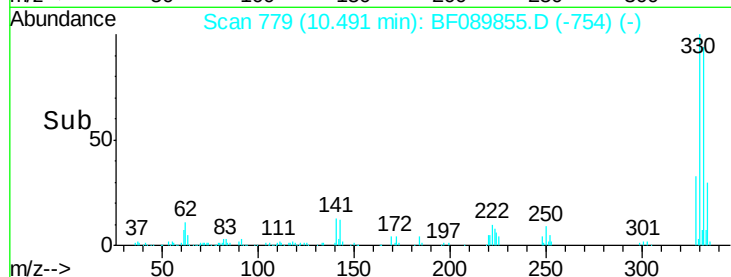
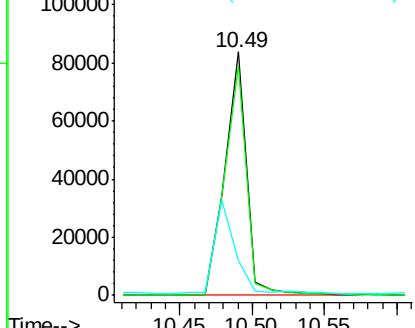
#41
 2,4,6-Tribromophenol
 Concen: 10.88 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089855.D
 Acq: 24 Aug 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 D-12(1.5-2)DL

Tgt Ion:330 Resp: 87059
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.7 115.1
 141 37.5 30.2 45.2

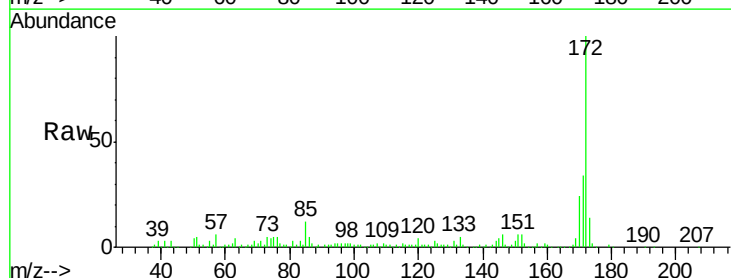


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

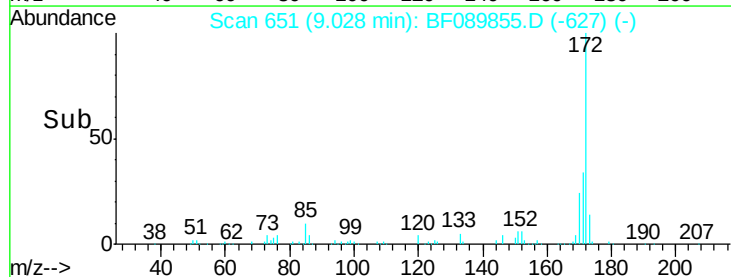
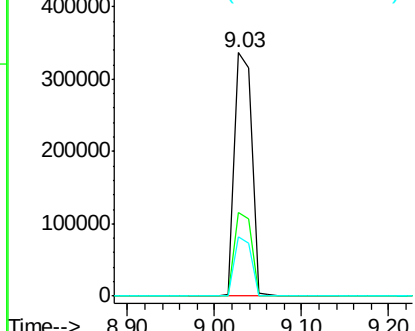


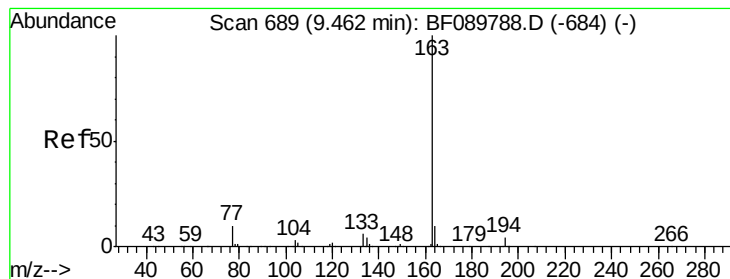
#44
 2-Fluorobiphenyl
 Concen: 9.53 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF089855.D
 Acq: 24 Aug 2016 2:29

Tgt Ion:172 Resp: 456724
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.5 45.7
 170 24.4 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: 2.57 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089855.D

Acq: 24 Aug 2016 2:29

Instrument :

BNA_F

ClientSampleId :

D-12(1.5-2)DL

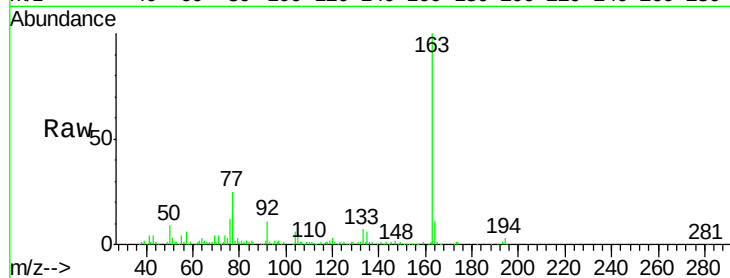
Tgt Ion:163 Resp: 152378

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

164 10.6 8.6 12.8

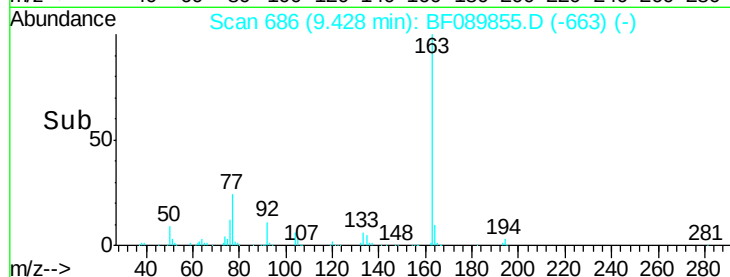


Abundance Ion 163.00 (162.70 to 163.70): E

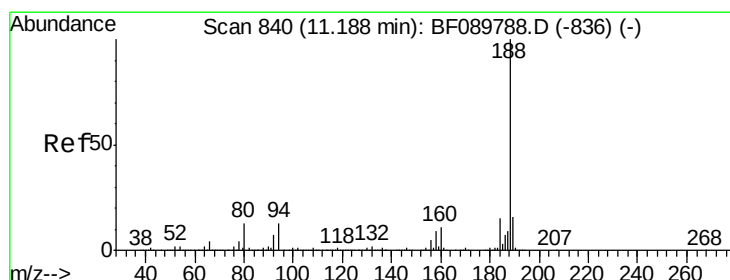
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.43



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089855.D

Acq: 24 Aug 2016 2:29

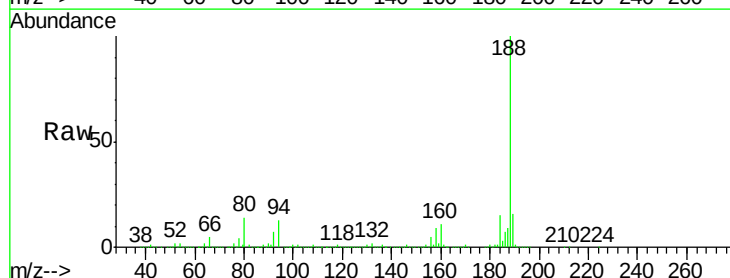
Tgt Ion:188 Resp: 1490085

Ion Ratio Lower Upper

188 100

94 13.1 10.2 15.2

80 13.9 10.9 16.3

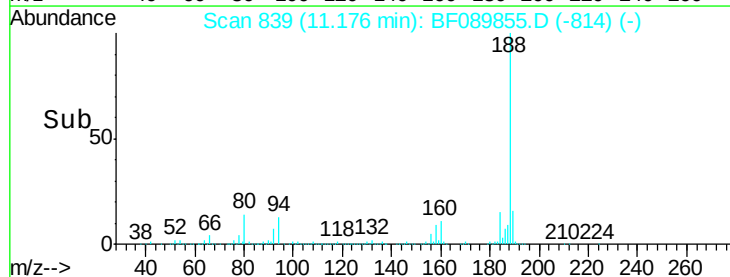


Abundance Ion 188.00 (187.70 to 188.70): E

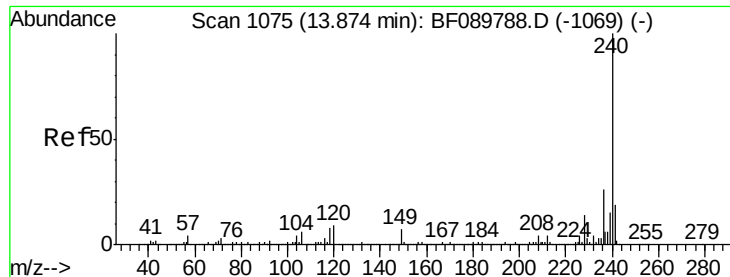
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.18



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089855.D

Acq: 24 Aug 2016 2:29

Instrument :

BNA_F

ClientSampleId :

D-12(1.5-2)DL

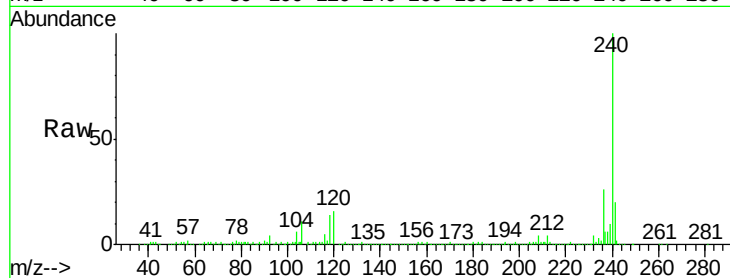
Tgt Ion:240 Resp: 1148318

Ion Ratio Lower Upper

240 100

120 16.3 8.3 12.5#

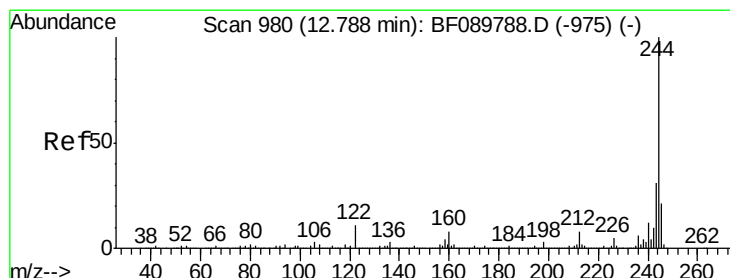
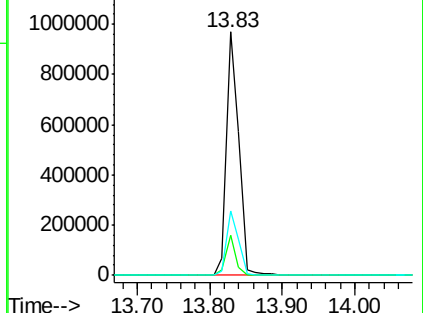
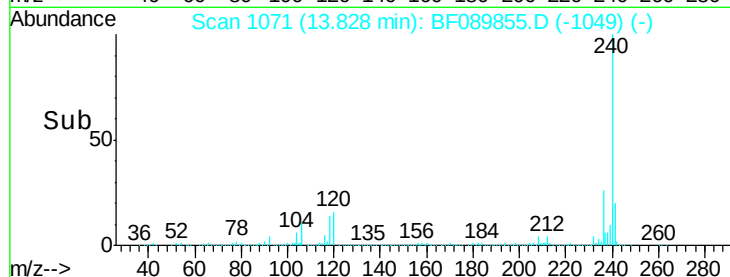
236 26.4 21.3 31.9



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: 8.57 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF089855.D

Acq: 24 Aug 2016 2:29

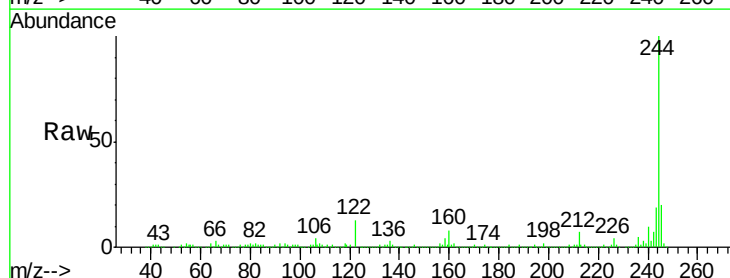
Tgt Ion:244 Resp: 434965

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

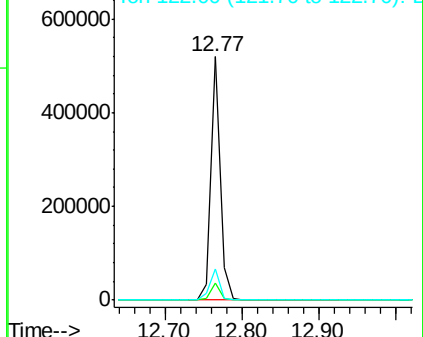
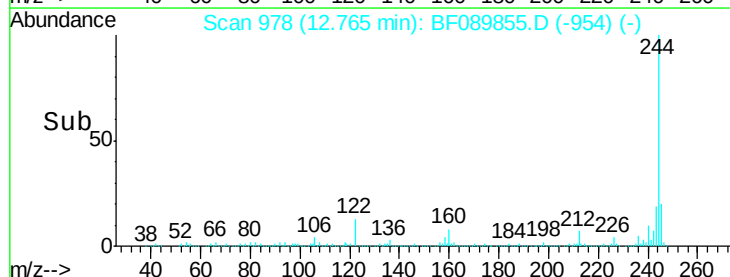
122 13.0 12.0 18.0

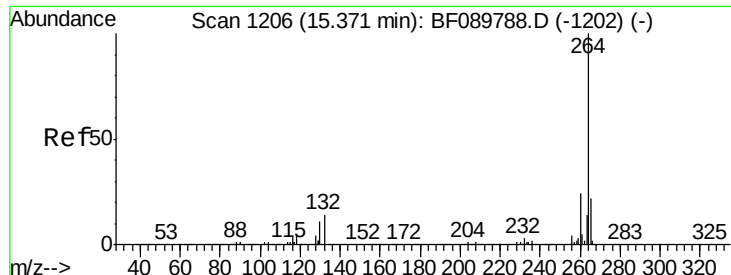


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

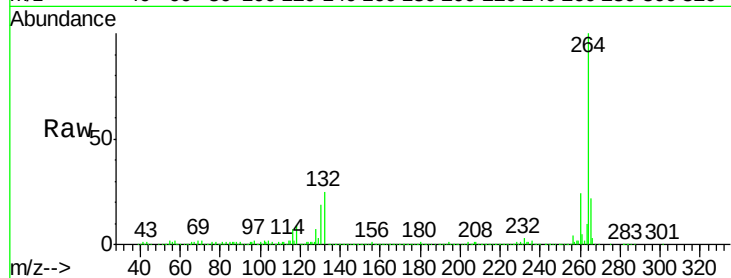




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.08 min
Lab File: BF089855.D
Acq: 24 Aug 2016 2:29

Instrument :
BNA_F
ClientSampleId :
D-12(1.5-2)DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.2	30.2
265	22.5	17.4	26.2



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

