

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089702.D
 Acq On : 10 Aug 2016 18:36
 Operator : UM/SJ
 Sample : PB92806BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BL

Quant Time: Aug 11 01:08:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

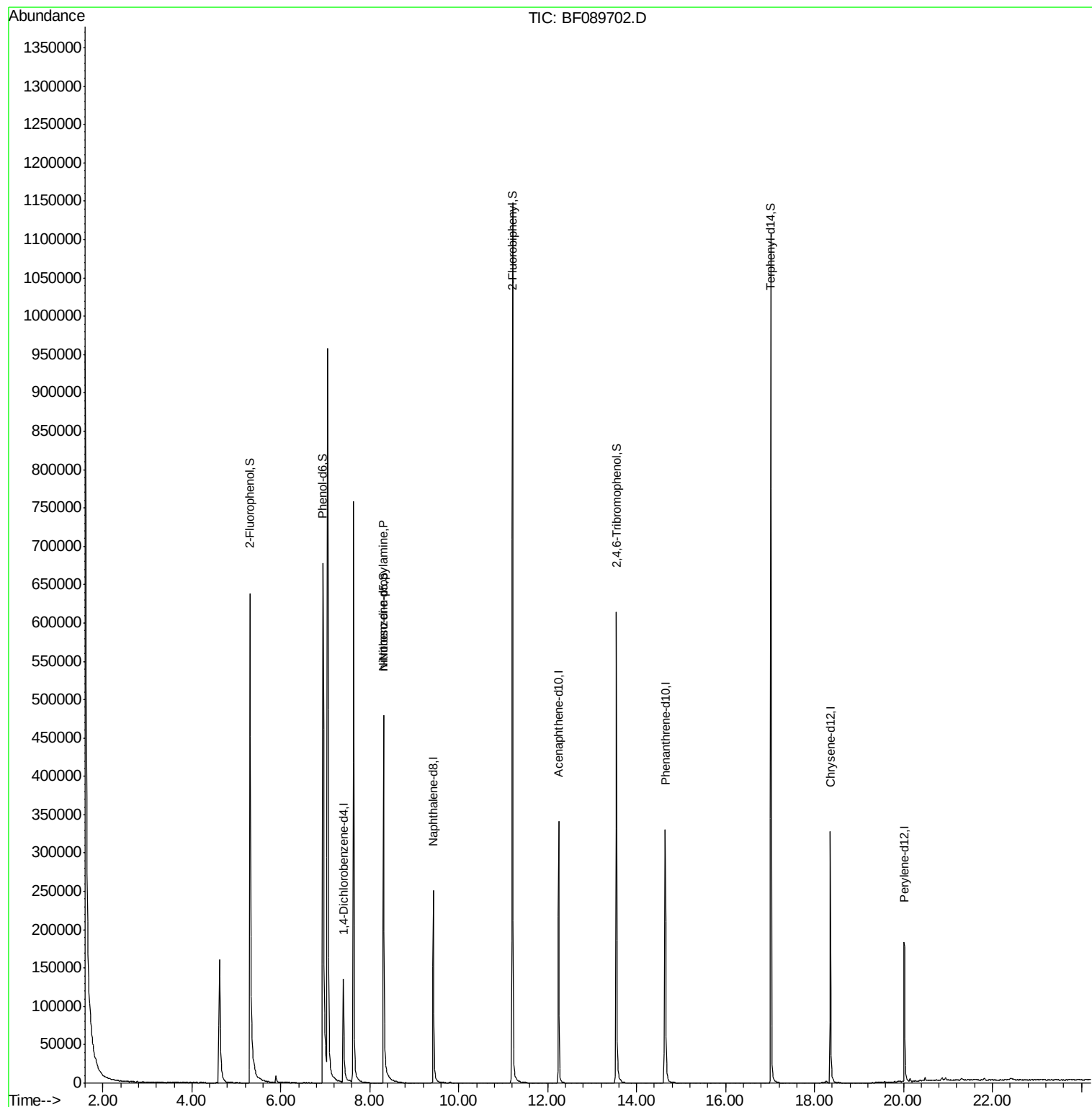
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	52212	20.00	ng	-0.05
21) Naphthalene-d8	9.43	136	213181	20.00	ng	-0.05
38) Acenaphthene-d10	12.25	164	104906	20.00	ng	-0.05
63) Phenanthrene-d10	14.64	188	209441	20.00	ng	-0.06
75) Chrysene-d12	18.35	240	155262	20.00	ng	-0.03
86) Perylene-d12	20.02	264	120767	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	361472	116.04	ng	-0.01
7) Phenol-d6	6.95	99	478154	113.15	ng	-0.03
23) Nitrobenzene-d5	8.31	82	296376	76.90	ng	-0.06
41) 2,4,6-Tribromophenol	13.54	330	97763	112.93	ng	-0.05
44) 2-Fluorobiphenyl	11.21	172	570194	70.64	ng	-0.05
78) Terphenyl-d14	17.02	244	539351	68.58	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.31	70	35174	11.52	ng	Qvalue # 81

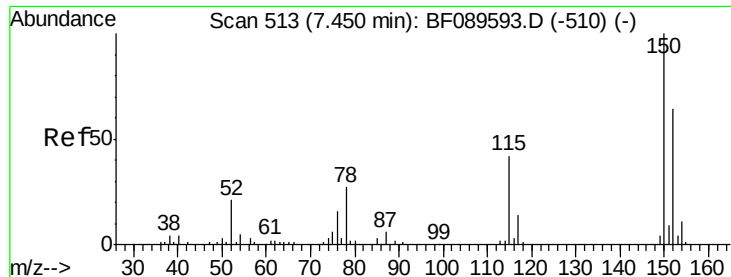
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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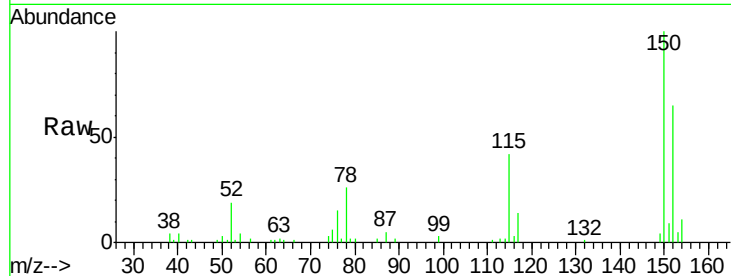


#1

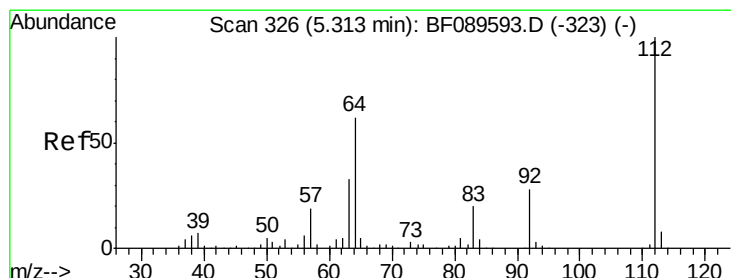
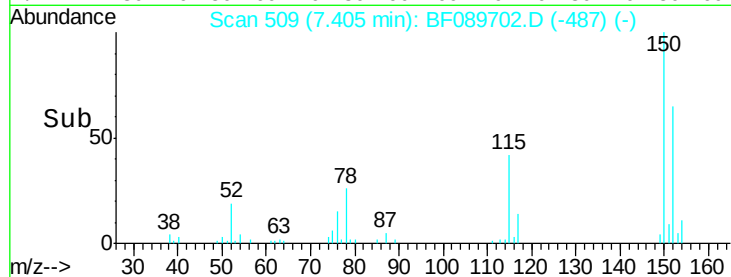
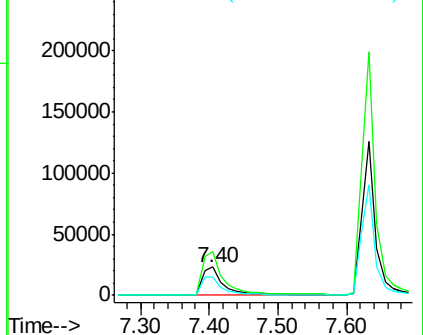
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.05 min
Lab File: BF089702.D
Acq: 10 Aug 2016 18:36

Instrument :
BNA_F
ClientSampleId :
PB92598BL

Tgt Ion:152 Resp: 52212
Ion Ratio Lower Upper
152 100
150 154.7 125.5 188.3
115 64.4 52.0 78.0



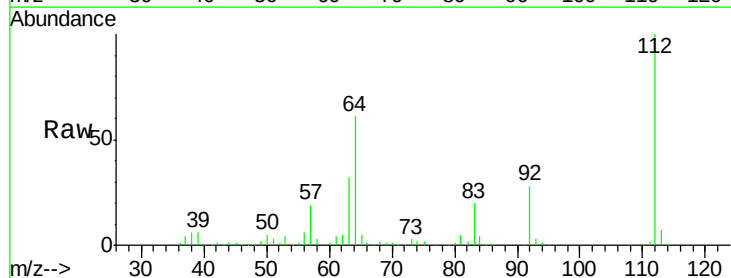
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



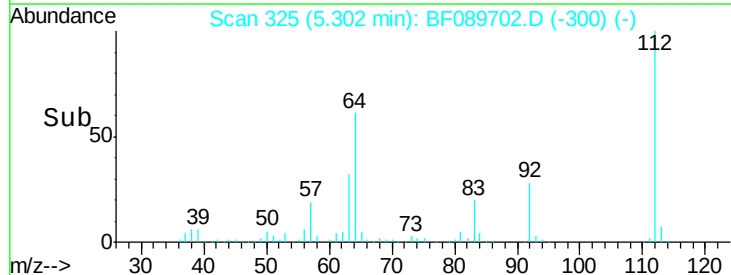
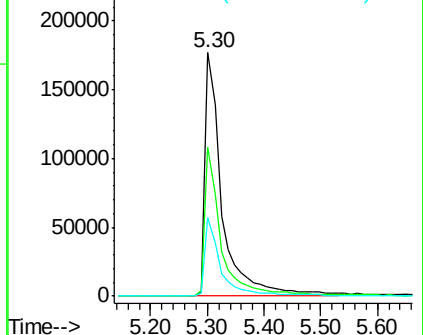
#5

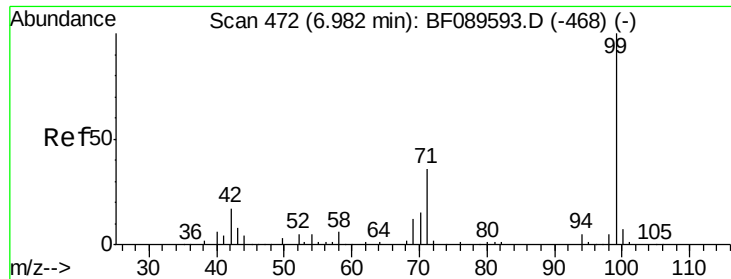
2-Fluorophenol
Concen: 116.04 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.01 min
Lab File: BF089702.D
Acq: 10 Aug 2016 18:36

Tgt Ion:112 Resp: 361472
Ion Ratio Lower Upper
112 100
64 61.3 49.9 74.9
63 32.5 26.1 39.1



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: 113.15 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF089702.D

Acq: 10 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

PB92598BL

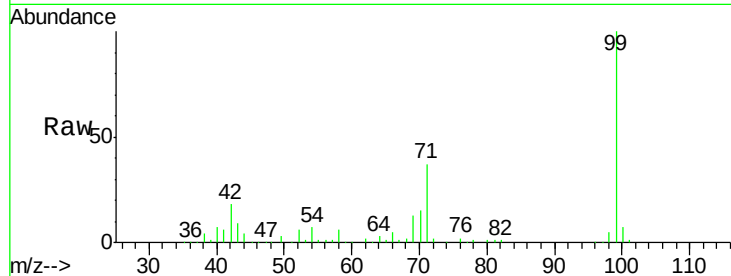
Tgt Ion: 99 Resp: 478154

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

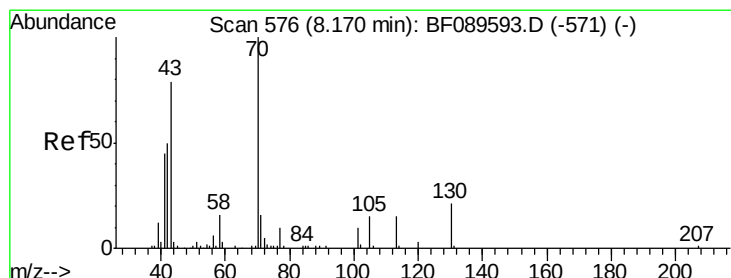
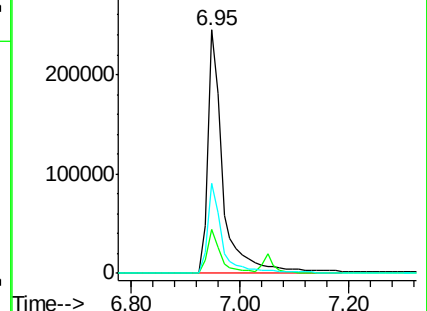
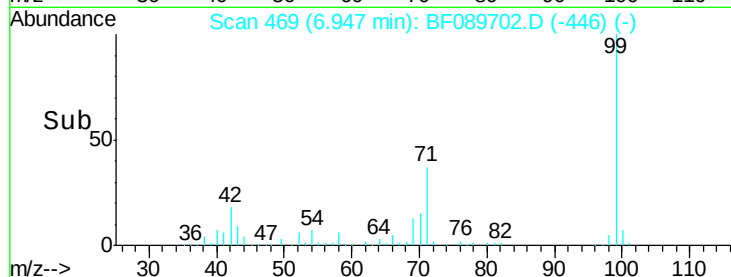
71 36.9 29.0 43.4



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: 11.52 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.14 min

Lab File: BF089702.D

Acq: 10 Aug 2016 18:36

Tgt Ion: 70 Resp: 35174

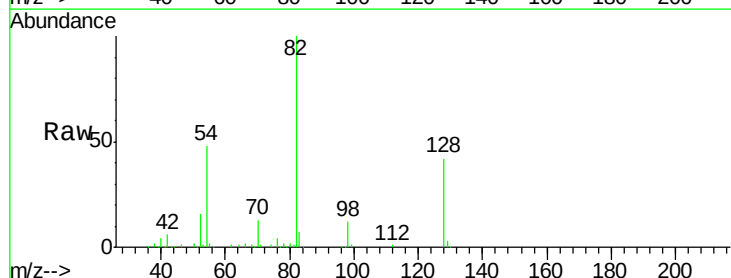
Ion Ratio Lower Upper

70 100

42 43.9 40.2 60.2

101 0.0 7.8 11.6#

130 2.4 16.4 24.6#

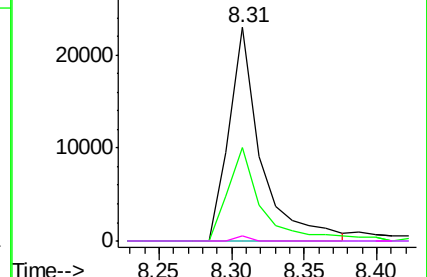
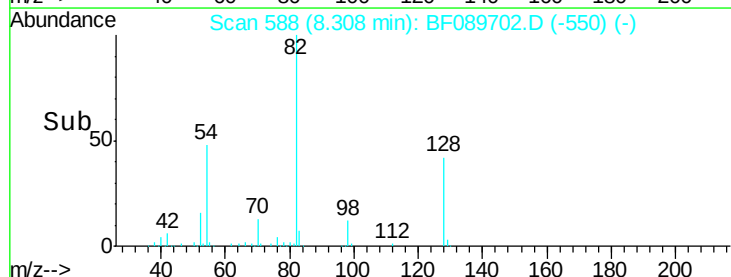


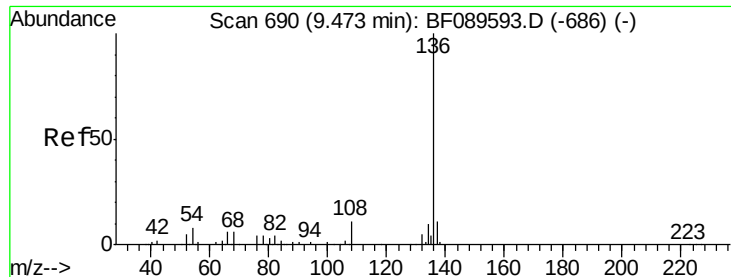
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.43 min Scan# 686

Delta R.T. -0.05 min

Lab File: BF089702.D

Acq: 10 Aug 2016 18:36

Instrument :

BNA_F

ClientSampleId :

PB92598BL

Tgt Ion:136 Resp: 213181

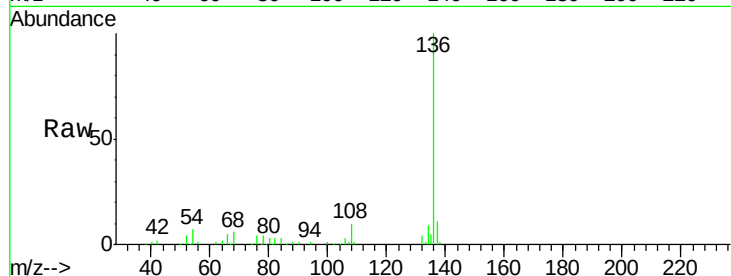
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.8 6.0 9.0

68 5.6 4.6 6.8

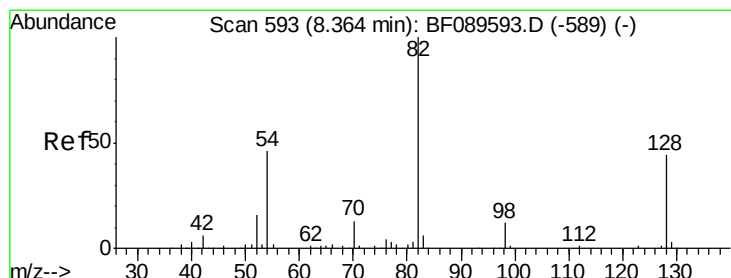
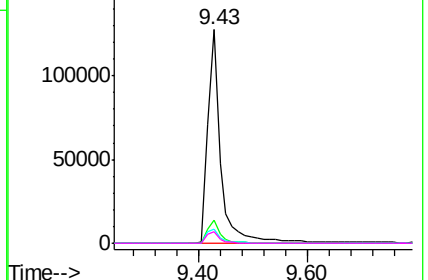
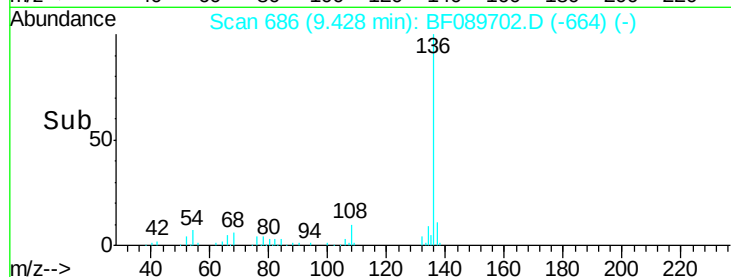


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.90 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.06 min

Lab File: BF089702.D

Acq: 10 Aug 2016 18:36

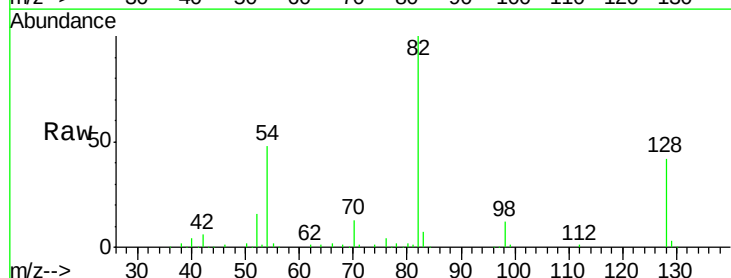
Tgt Ion: 82 Resp: 296376

Ion Ratio Lower Upper

82 100

128 41.6 35.4 53.0

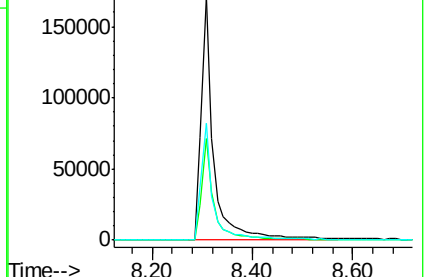
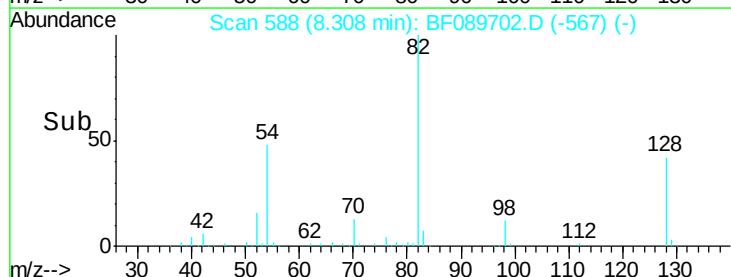
54 47.8 36.4 54.6

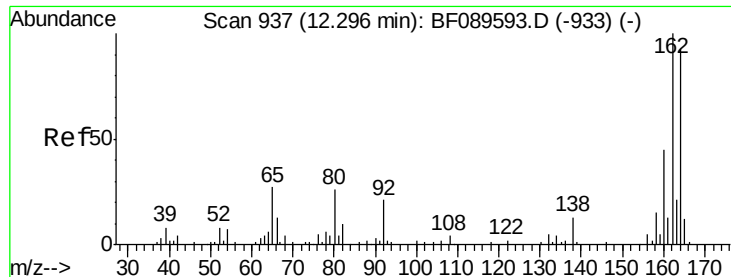


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

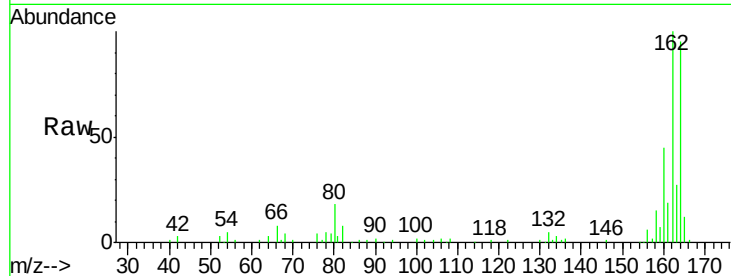




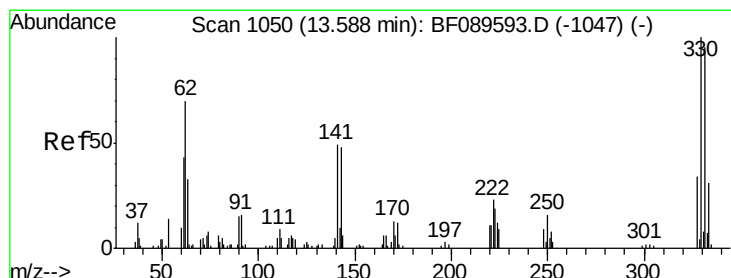
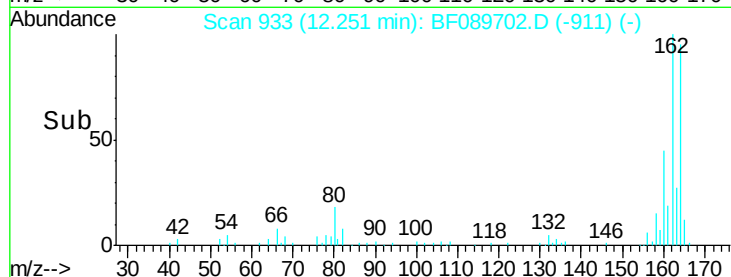
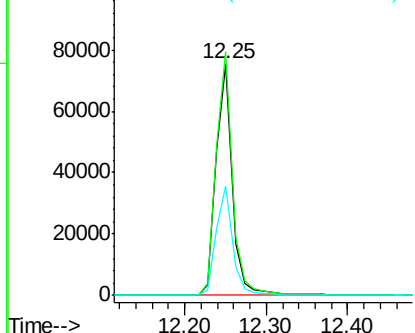
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.25 min Scan# 933
 Delta R.T. -0.05 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92598BL

Tgt Ion:164 Resp: 104906
 Ion Ratio Lower Upper
 164 100
 162 105.3 85.7 128.5
 160 47.2 38.2 57.4

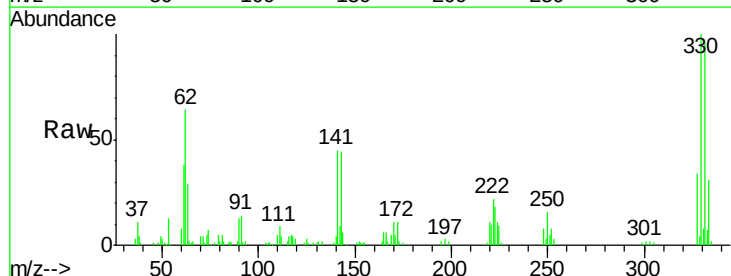


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

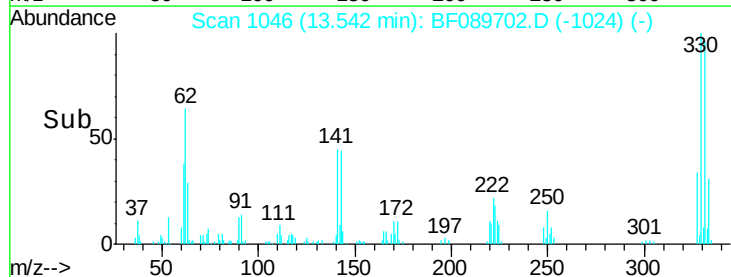
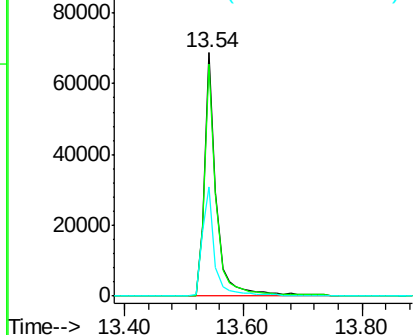


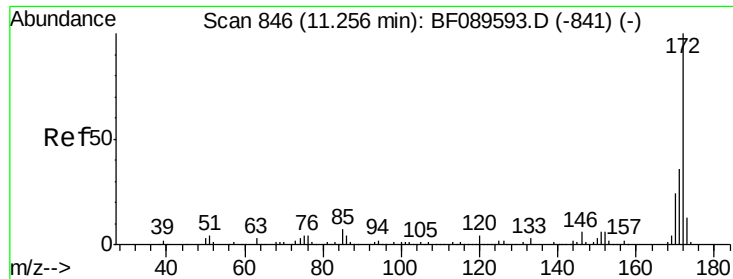
#41
 2,4,6-Tribromophenol
 Concen: 112.93 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.05 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Tgt Ion:330 Resp: 97763
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 46.6 38.6 57.8



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

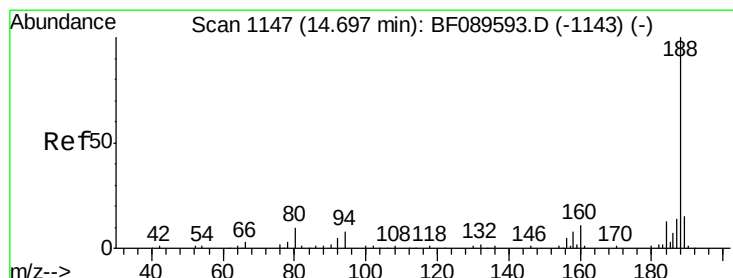
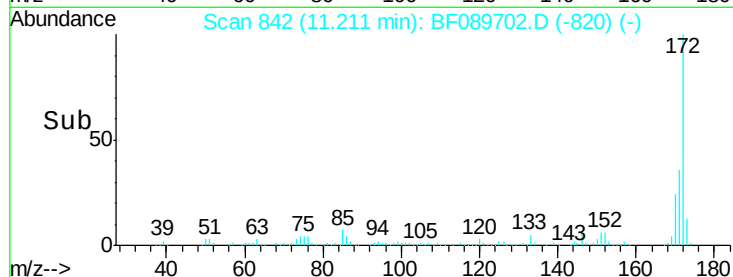
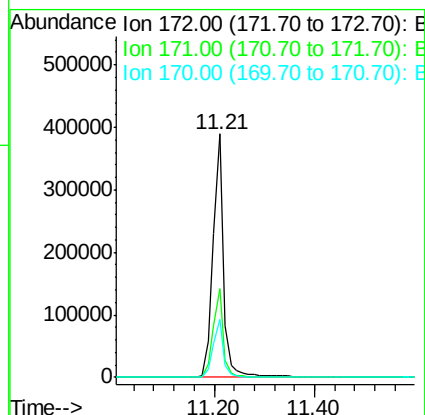
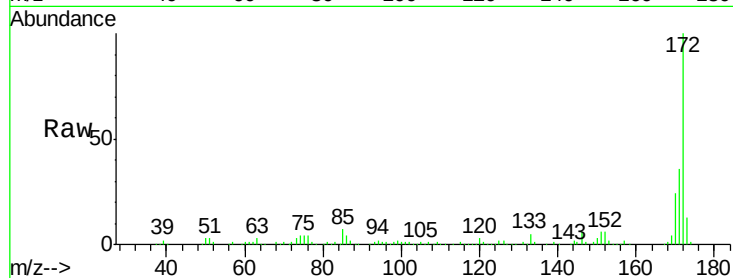




#44
 2-Fluorobiphenyl
 Concen: 70.64 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

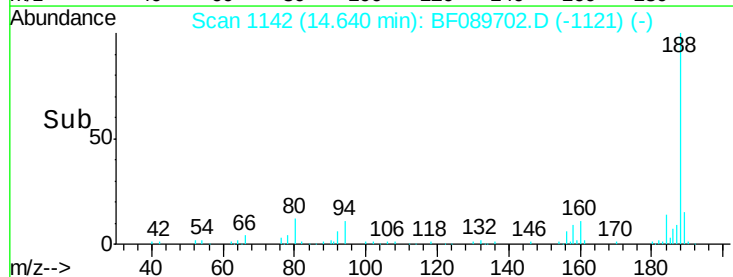
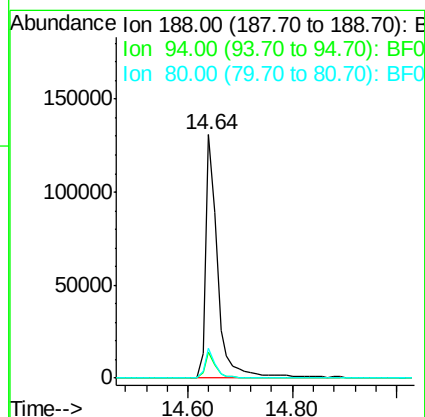
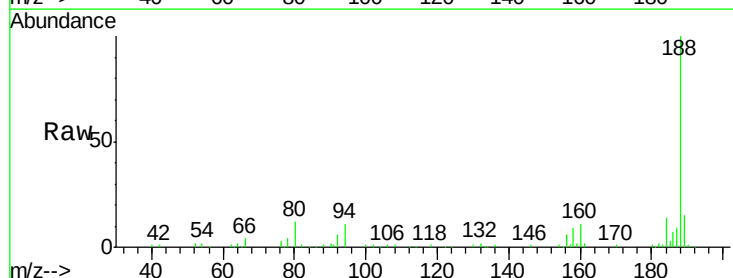
Instrument :
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 PB92598BL

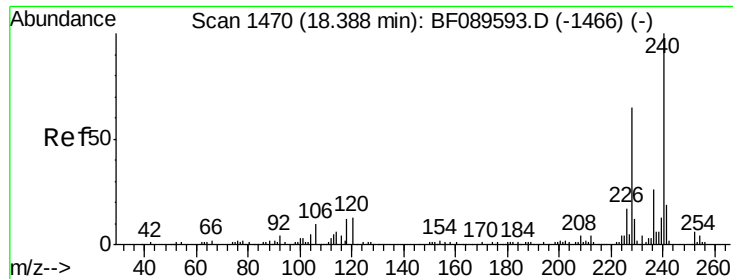
Tgt Ion:172 Resp: 570194
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.0 19.0 28.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1142
 Delta R.T. -0.06 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Tgt Ion:188 Resp: 209441
 Ion Ratio Lower Upper
 188 100
 94 10.9 6.5 9.7#
 80 12.4 8.0 12.0#

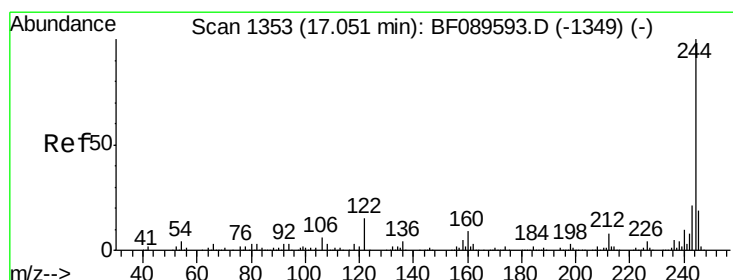
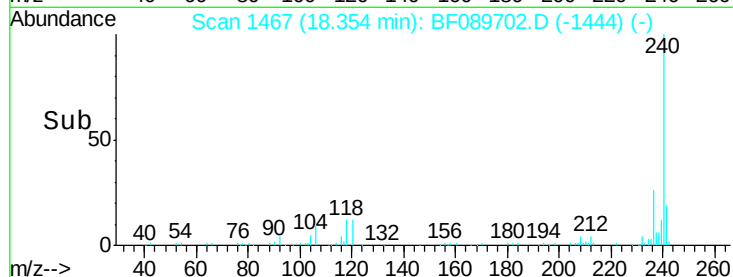
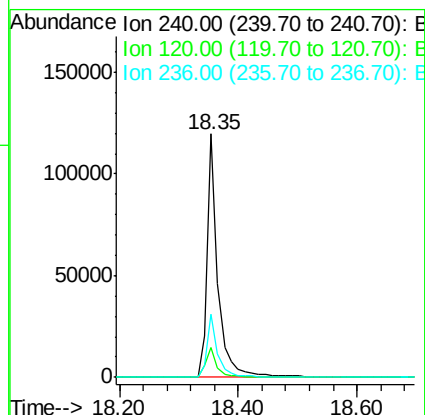
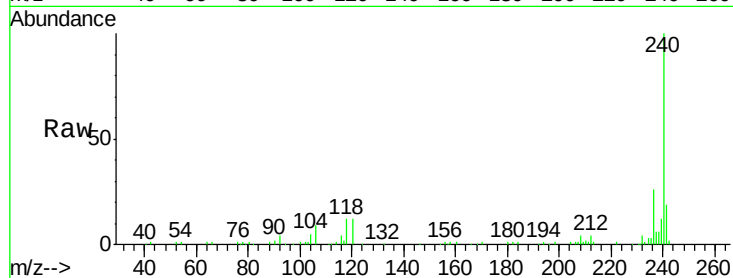




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.35 min Scan# 1467
 Delta R.T. -0.03 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

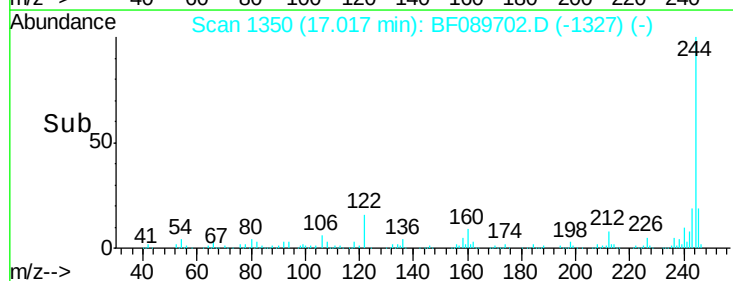
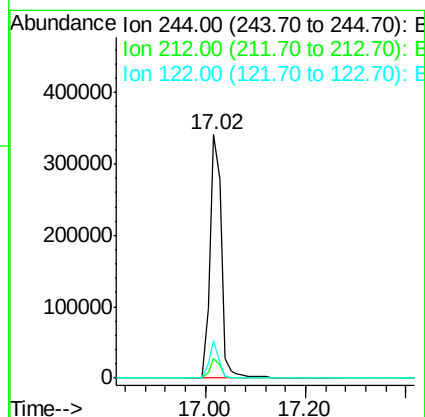
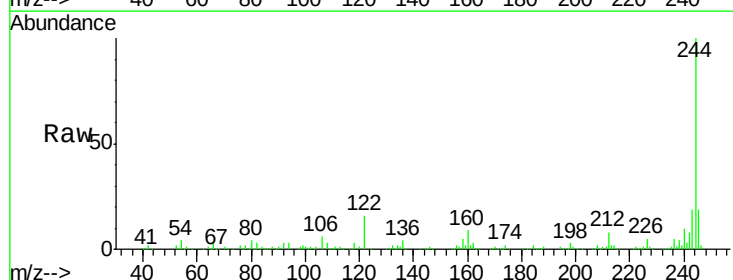
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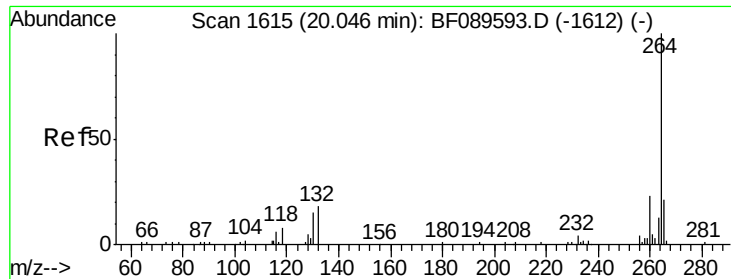
Tgt Ion:240 Resp: 155262
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.6 15.8
 236 25.7 20.6 30.8



#78
 Terphenyl-d14
 Concen: 68.58 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF089702.D
 Acq: 10 Aug 2016 18:36

Tgt Ion:244 Resp: 539351
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 15.5 12.2 18.2

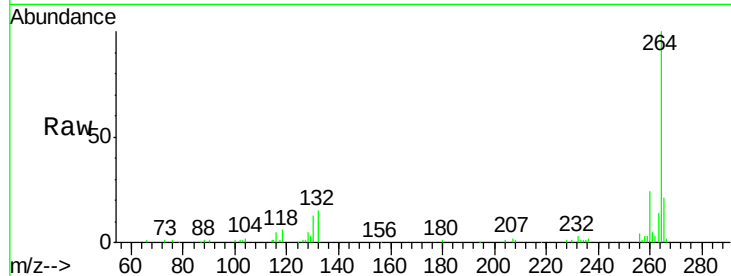




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089702.D
Acq: 10 Aug 2016 18:36

Instrument :
BNA_F
ClientSampleId :
PB92598BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.0	16.5	24.7



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

