

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089877.D
 Acq On : 24 Aug 2016 16:28
 Operator : UM/SJ
 Sample : PB93061BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BL

Quant Time: Aug 25 12:18:12 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

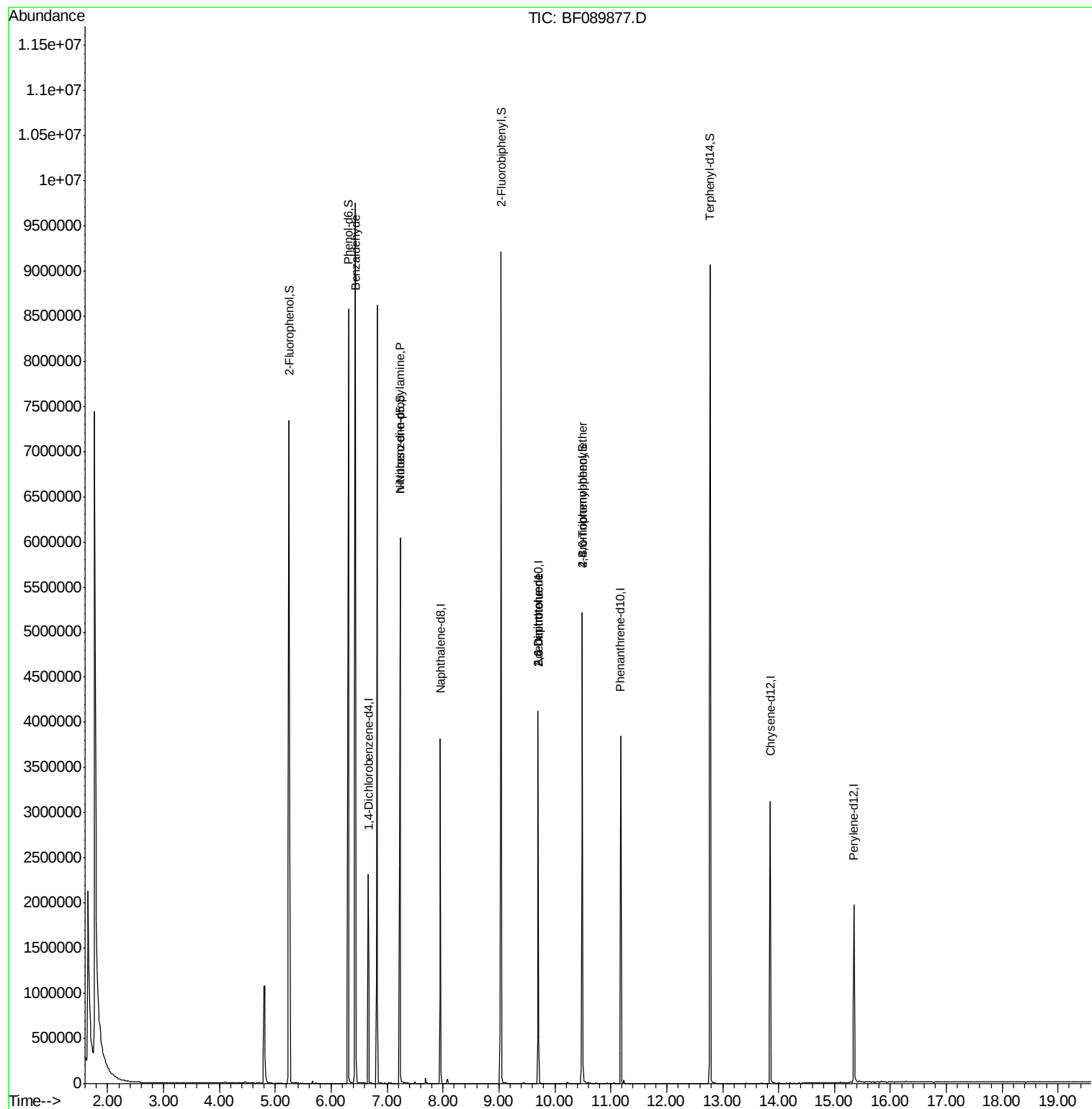
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	400323	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1732153	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	755445	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1345626	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	1094703	20.00	ng	-0.02
86) Perylene-d12	15.35	264	842037	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2728182	116.87	ng	-0.01
7) Phenol-d6	6.31	99	3648599	127.32	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2109663	75.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	768703	107.07	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3728443	86.74	ng	-0.01
78) Terphenyl-d14	12.78	244	3013459	62.28	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	64649	3.46	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.23	70	285526	15.58	ng	# 74
50) 2,6-Dinitrotoluene	9.70	165	98502	8.02	ng	# 26
56) 2,4-Dinitrotoluene	9.70	165	98502	6.18	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	46807	3.32	ng	# 1

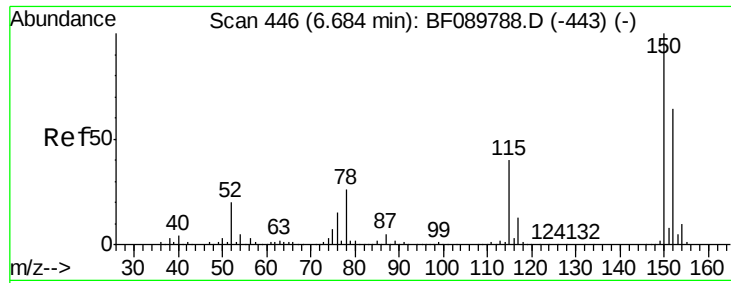
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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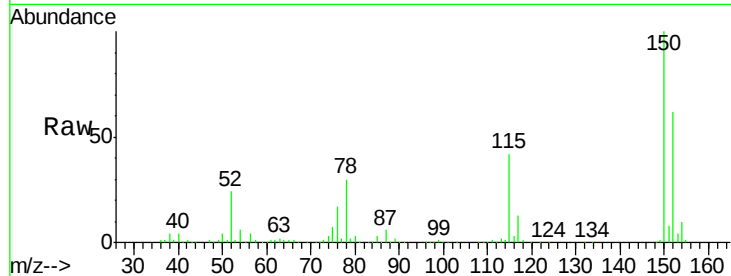




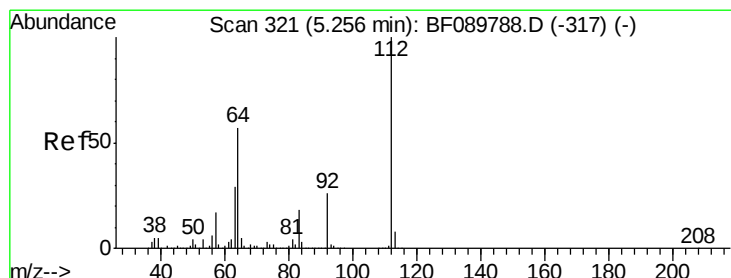
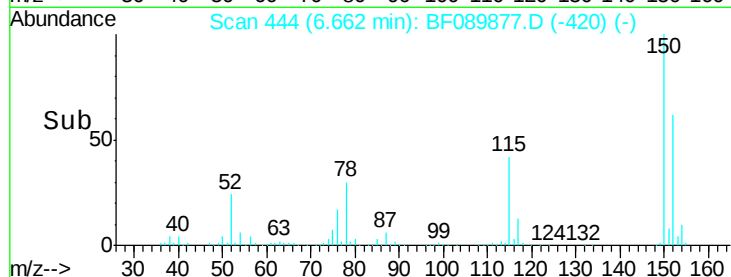
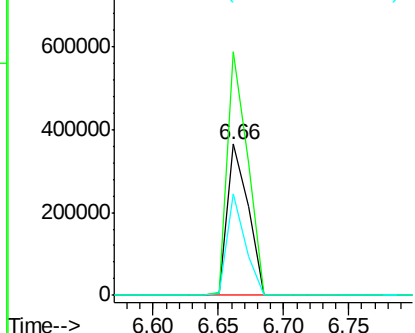
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BL

Tgt Ion:152 Resp: 400323
 Ion Ratio Lower Upper
 152 100
 150 160.8 125.3 187.9
 115 67.1 40.9 61.3#

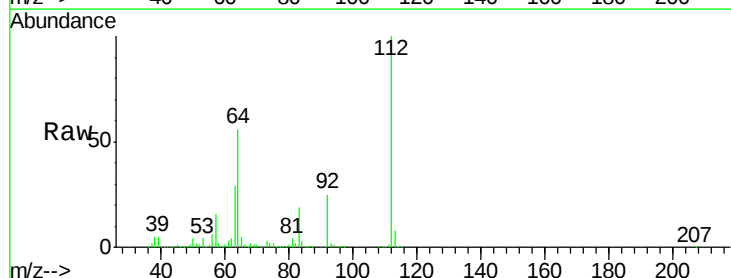


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

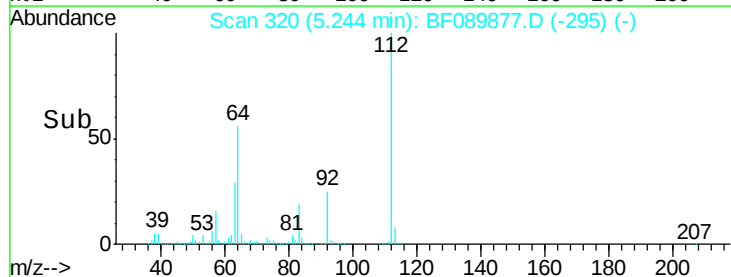
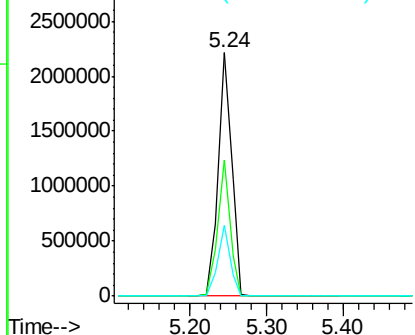


#5
 2-Fluorophenol
 Concen: 116.87 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Tgt Ion:112 Resp: 2728182
 Ion Ratio Lower Upper
 112 100
 64 55.7 45.0 67.4
 63 28.9 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: 127.32 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB93061BL

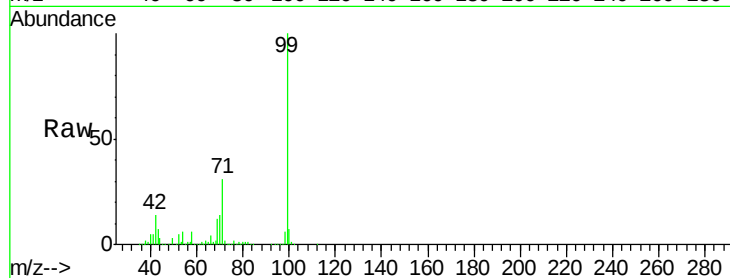
Tgt Ion: 99 Resp: 3648599

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.4

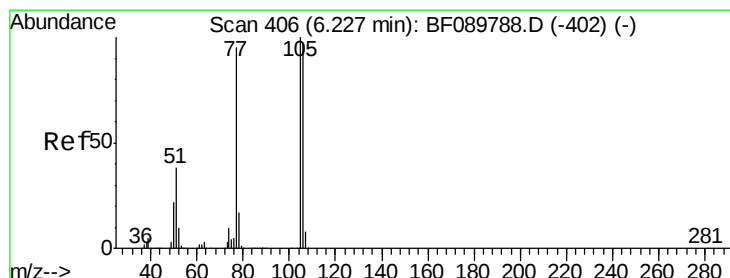
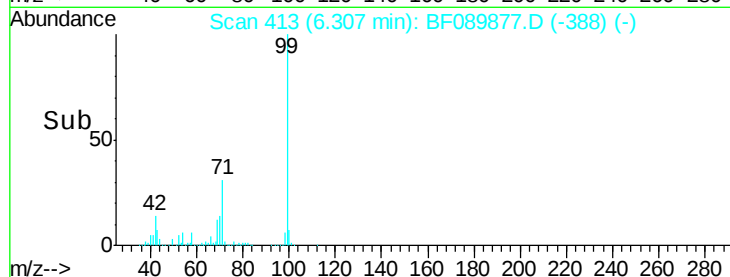
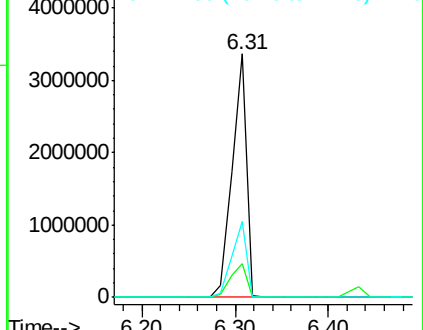
71 31.3 23.8 35.8



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



#9

Benzaldehyde

Concen: 3.46 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

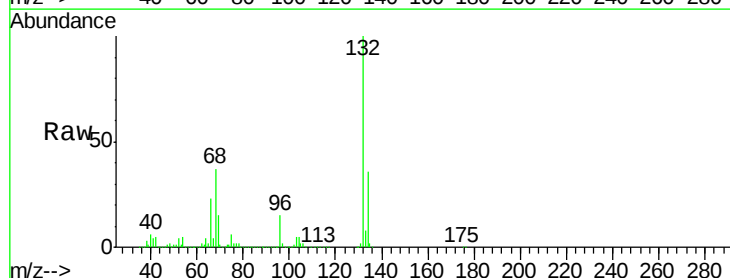
Tgt Ion: 77 Resp: 64649

Ion Ratio Lower Upper

77 100

105 85.2 73.3 113.3

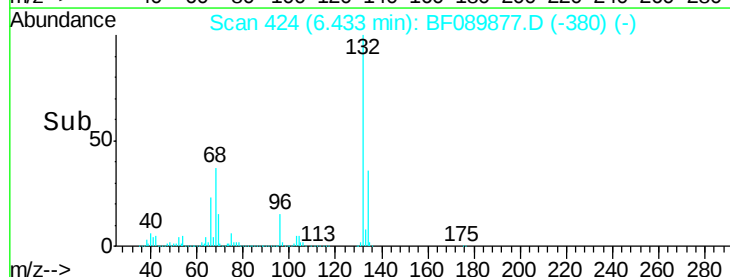
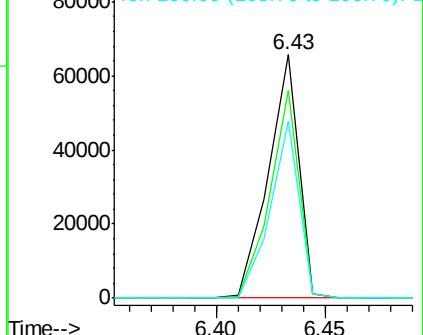
106 72.6 68.6 108.6

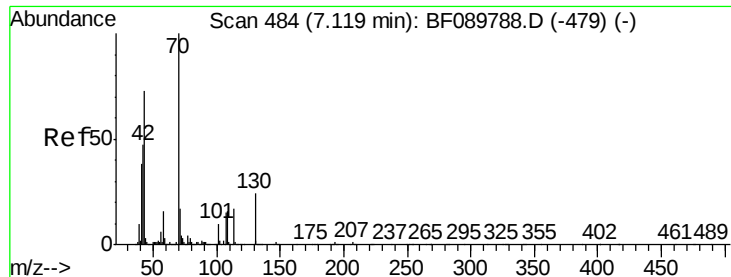


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

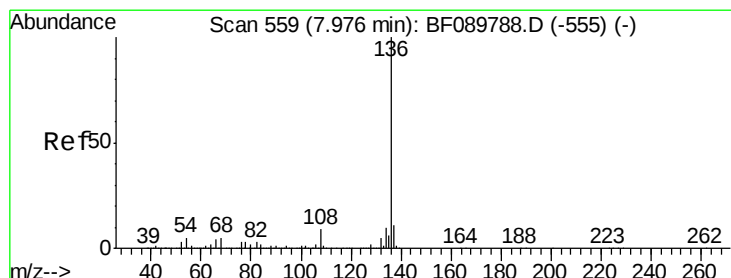
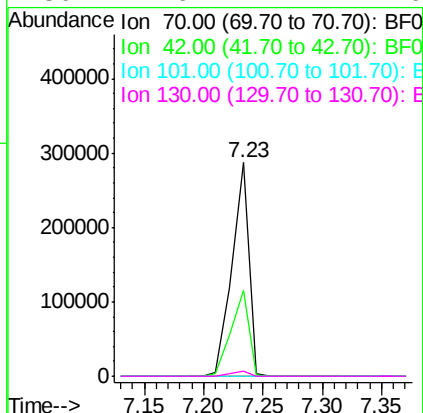
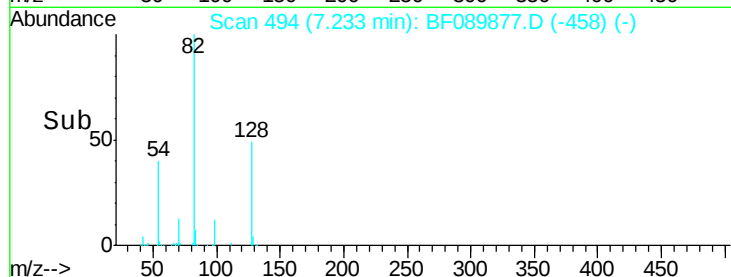
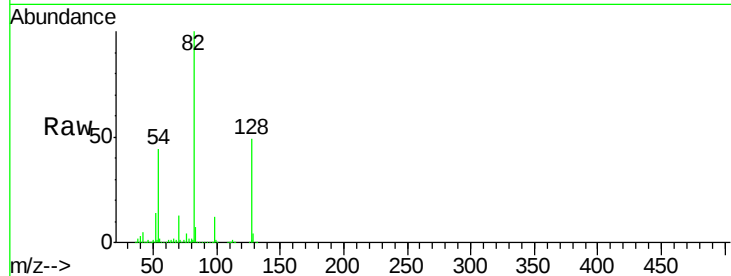




#19
n-Nitroso-di-n-propylamine
Concen: 15.58 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089877.D
Acq: 24 Aug 2016 16:28

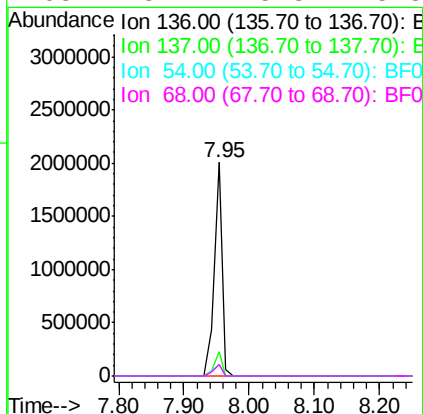
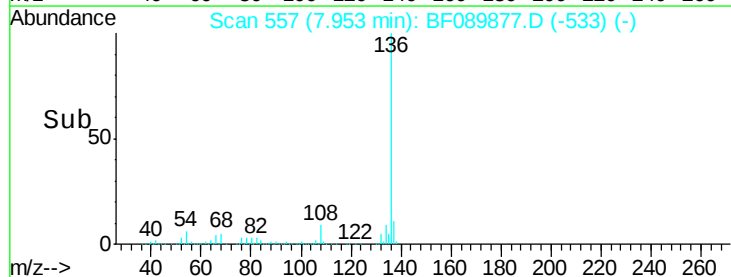
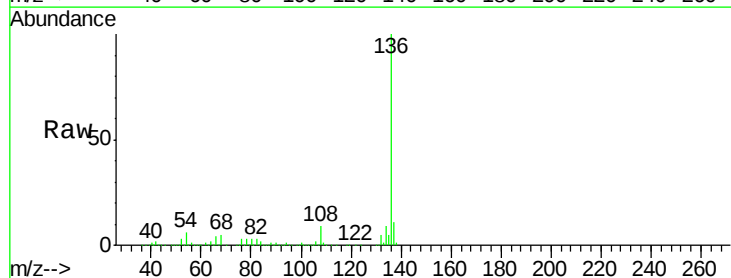
Instrument :
BNA_F
ClientSampleId :
PB93061BL

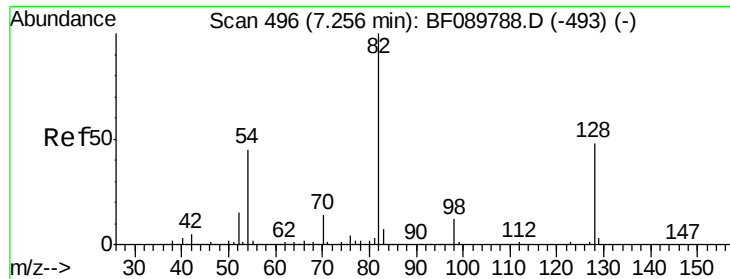
Tgt Ion: 70 Resp: 285526
Ion Ratio Lower Upper
70 100
42 40.2 46.3 69.5#
101 0.0 7.0 10.6#
130 2.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089877.D
Acq: 24 Aug 2016 16:28

Tgt Ion: 136 Resp: 1732153
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 5.7 7.2 10.8#
68 5.2 5.8 8.8#

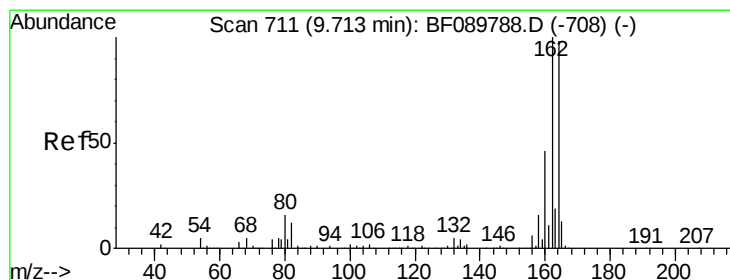
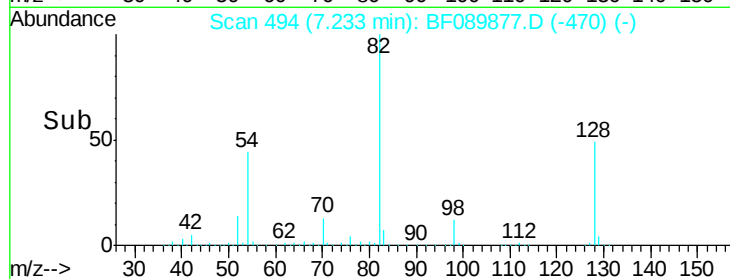
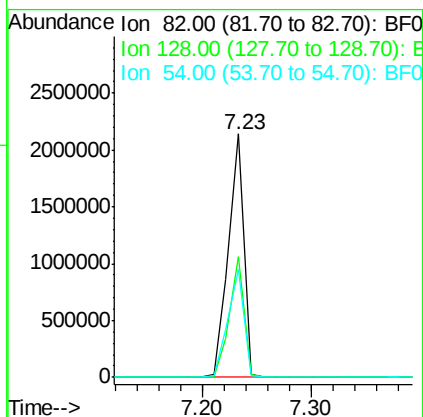
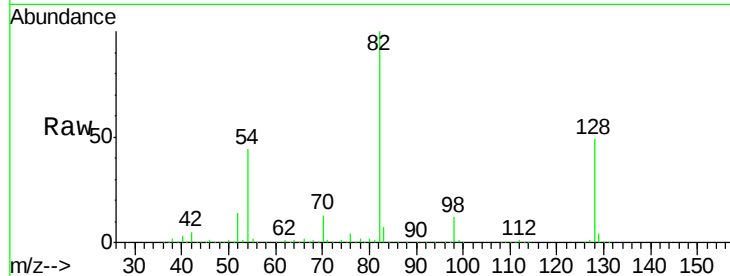




#23
 Nitrobenzene-d5
 Concen: 75.66 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

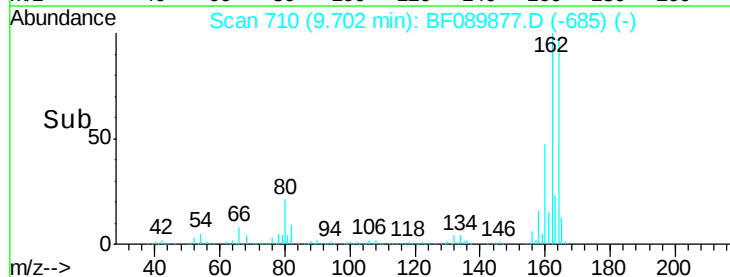
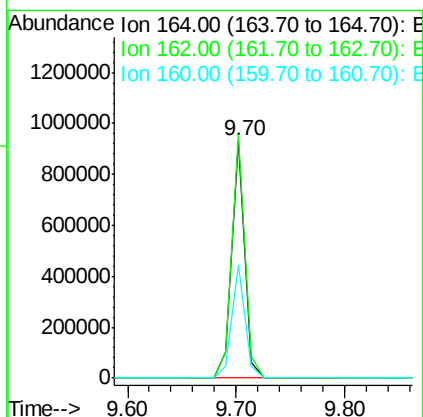
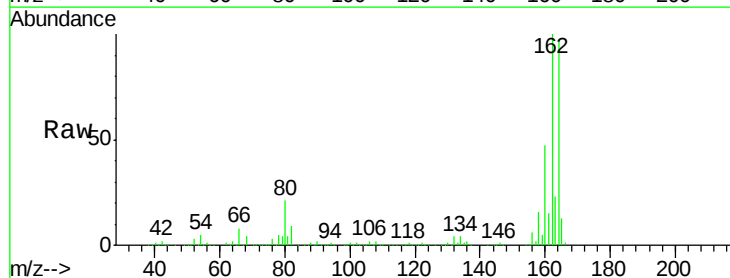
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BL

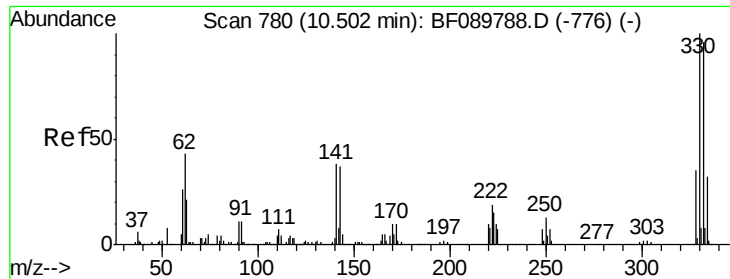
Tgt Ion: 82 Resp: 2109663
 Ion Ratio Lower Upper
 82 100
 128 49.3 34.4 51.6
 54 44.1 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Tgt Ion: 164 Resp: 755445
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.2
 160 47.9 37.8 56.6

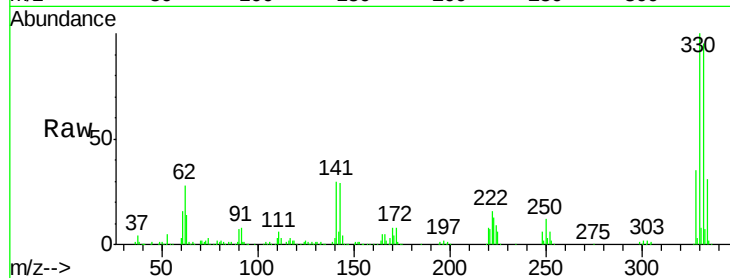




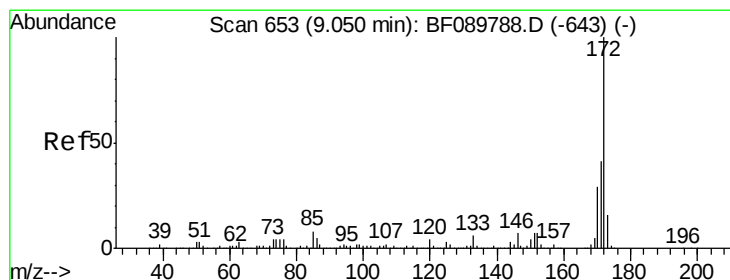
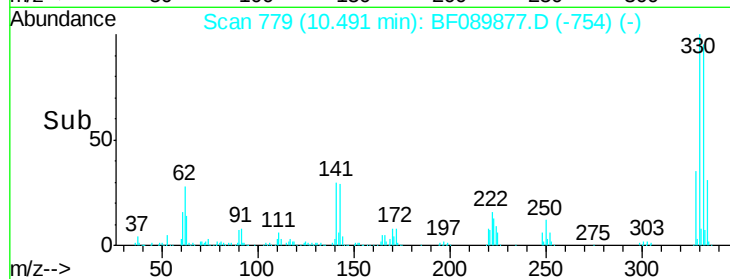
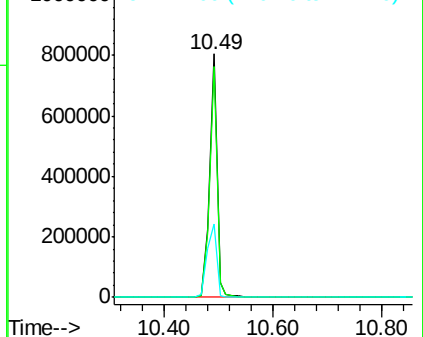
#41
 2,4,6-Tribromophenol
 Concen: 107.07 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BL

Tgt Ion:330 Resp: 768703
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.7 115.1
 141 38.1 30.2 45.2

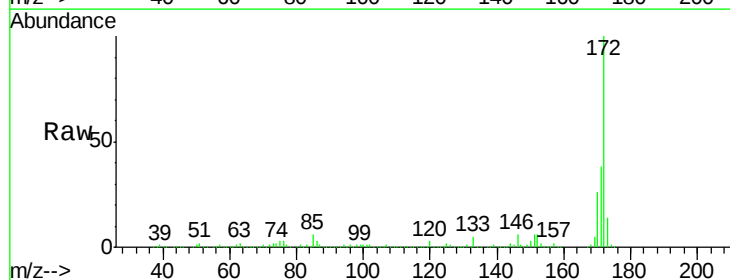


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

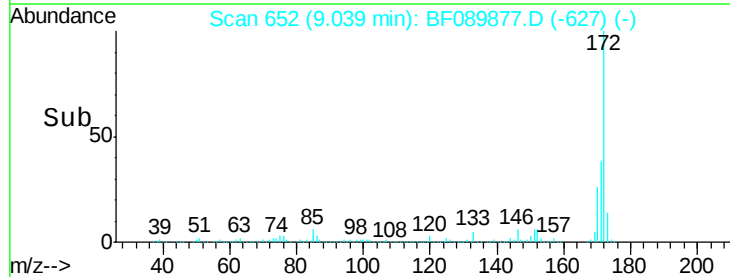
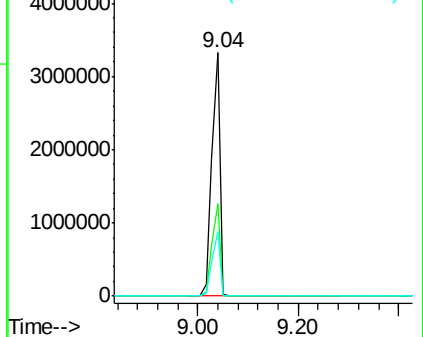


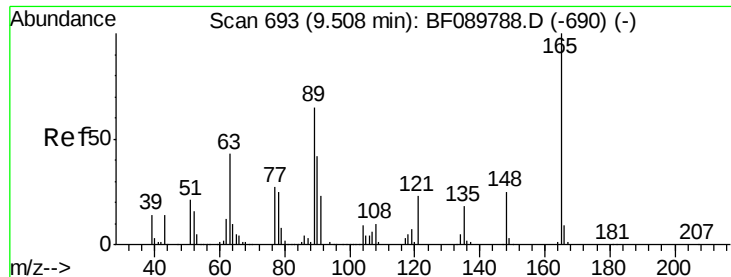
#44
 2-Fluorobiphenyl
 Concen: 86.74 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089877.D
 Acq: 24 Aug 2016 16:28

Tgt Ion:172 Resp: 3728443
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.5 45.7
 170 26.4 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





#50

2,6-Dinitrotoluene

Concen: 8.02 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.19 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB93061BL

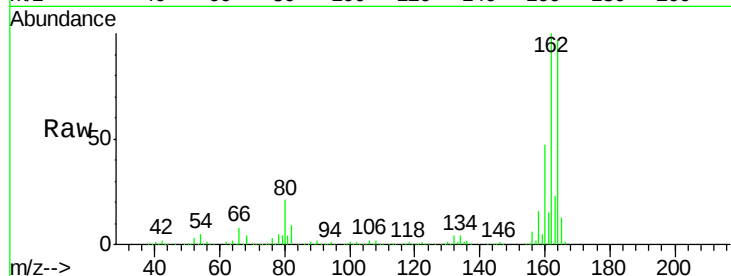
Tgt Ion:165 Resp: 98502

Ion Ratio Lower Upper

165 100

63 1.1 41.7 62.5#

89 1.3 44.6 67.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

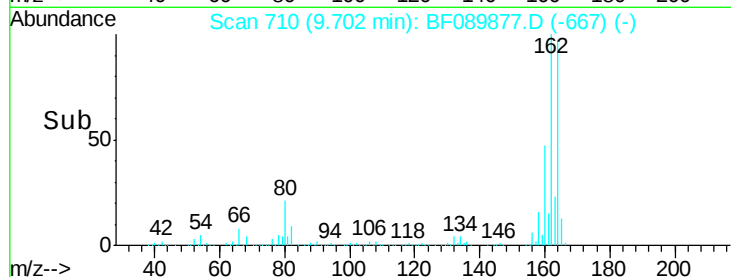
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100000

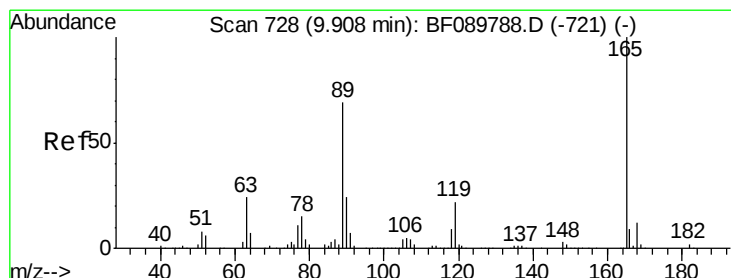
50000

0

9.65 9.70 9.75



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.18 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.21 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

Tgt Ion:165 Resp: 98502

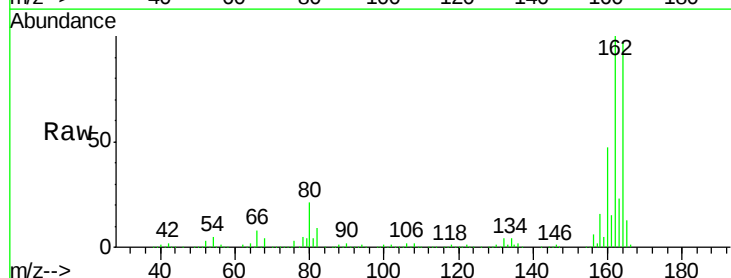
Ion Ratio Lower Upper

165 100

63 1.1 23.7 35.5#

89 1.3 44.0 66.0#

182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

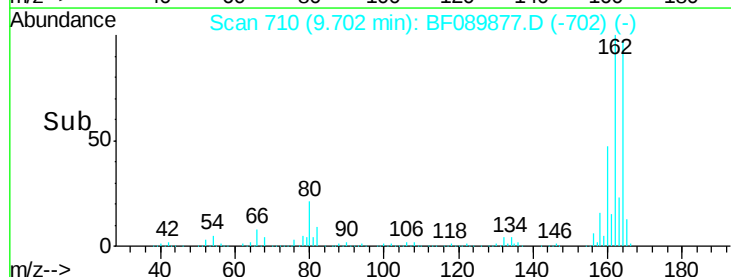
150000

100000

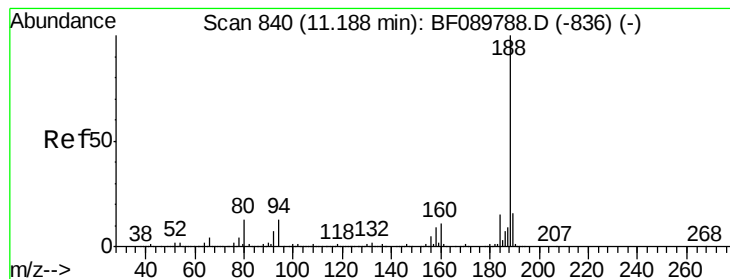
50000

0

9.65 9.70 9.75



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB93061BL

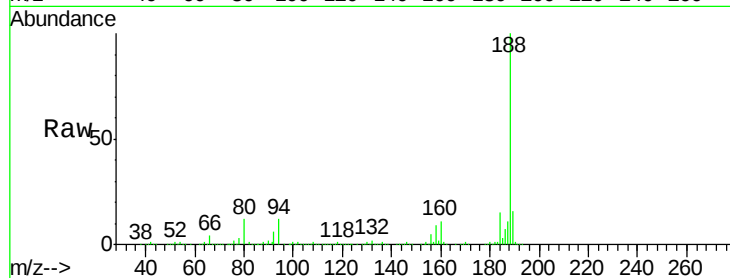
Tgt Ion:188 Resp: 1345626

Ion Ratio Lower Upper

188 100

94 11.6 10.2 15.2

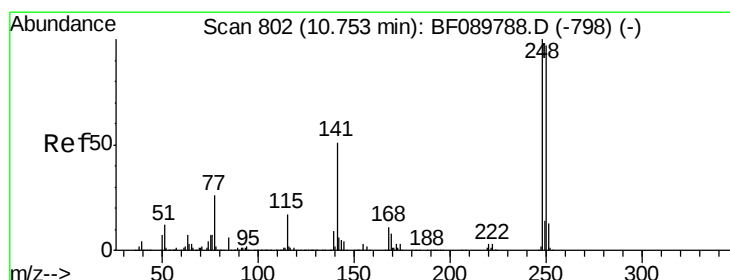
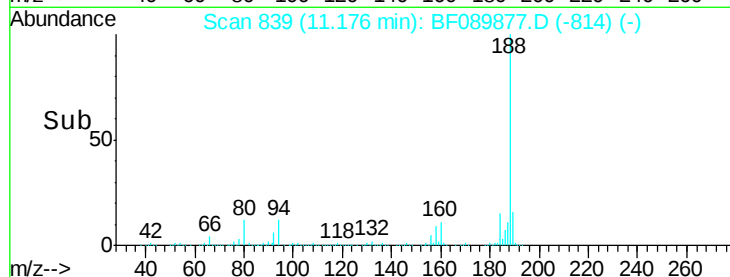
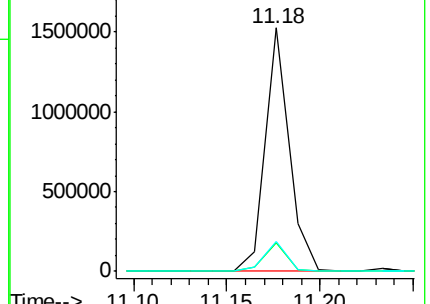
80 12.2 10.9 16.3



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



#66

4-Bromophenyl-phenylether

Concen: 3.32 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.26 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

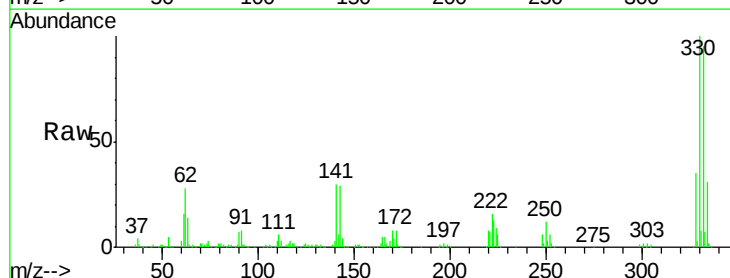
Tgt Ion:248 Resp: 46807

Ion Ratio Lower Upper

248 100

250 209.2 78.6 117.8#

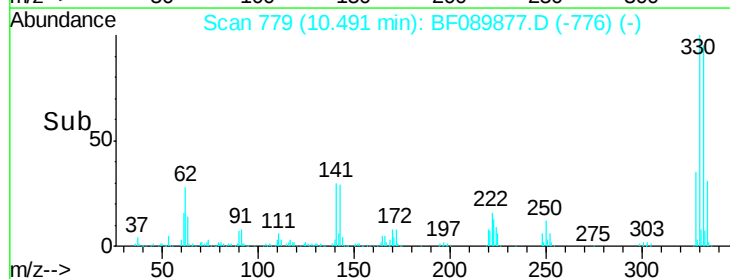
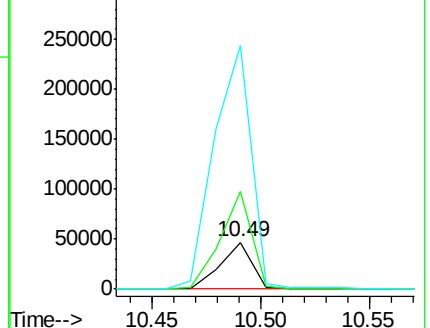
141 521.7 31.4 47.2#

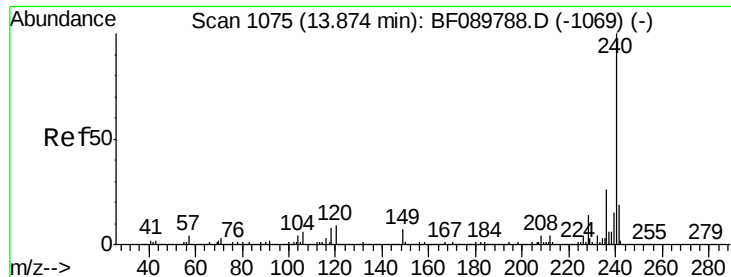


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

Instrument :

BNA_F

ClientSampleId :

PB93061BL

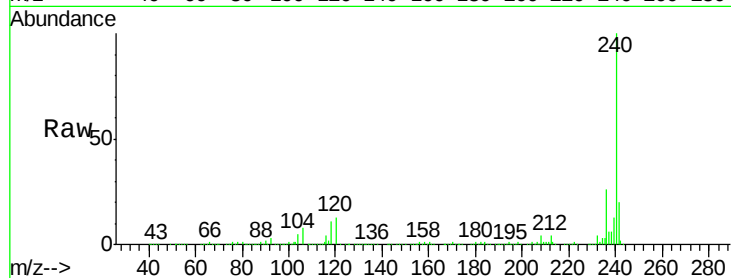
Tgt Ion:240 Resp: 1094703

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

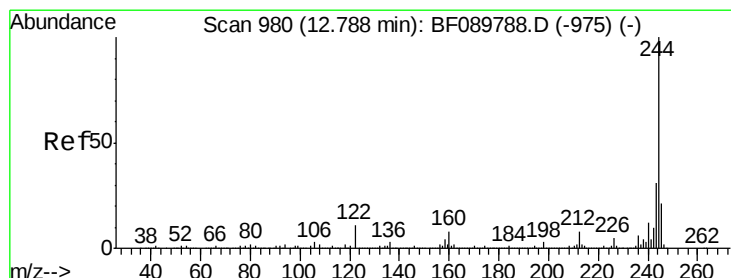
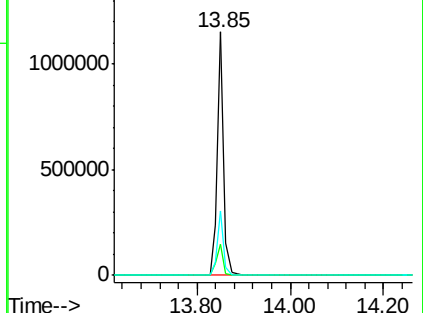
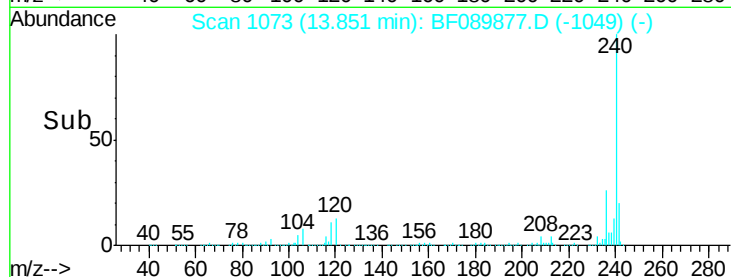
236 26.5 21.3 31.9



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: 62.28 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089877.D

Acq: 24 Aug 2016 16:28

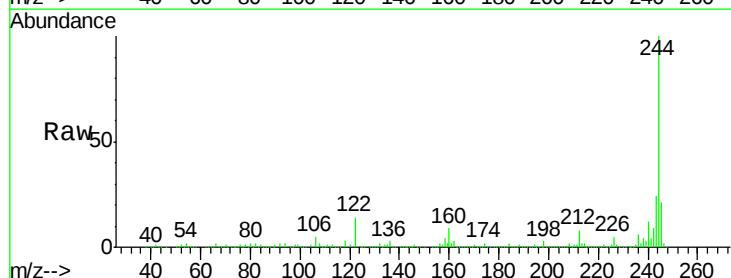
Tgt Ion:244 Resp: 3013459

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

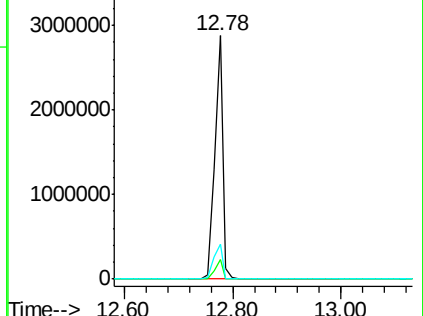
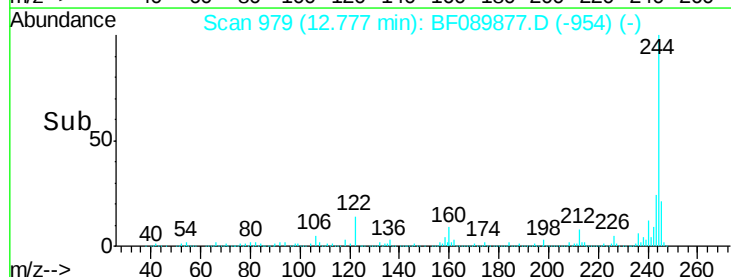
122 14.1 12.0 18.0

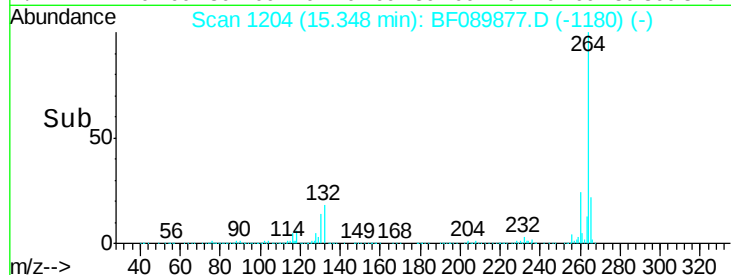
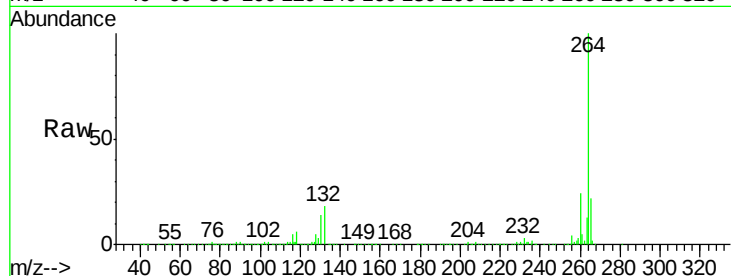
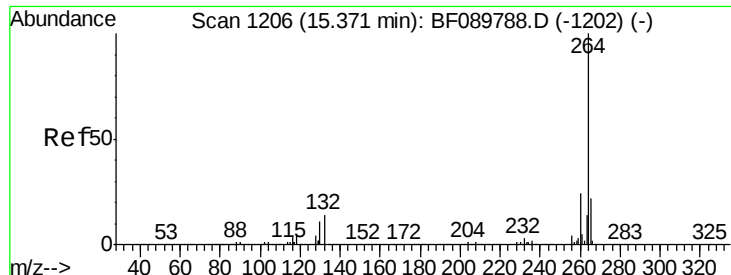


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF089877.D
Acq: 24 Aug 2016 16:28

Instrument :
BNA_F
ClientSampleId :
PB93061BL

Tgt Ion:	264	Resp:	842037
Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.2
265	21.9	17.4	26.2

