

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089876.D
 Acq On : 24 Aug 2016 16:01
 Operator : UM/SJ
 Sample : H4551-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-7

Quant Time: Aug 25 12:17:59 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

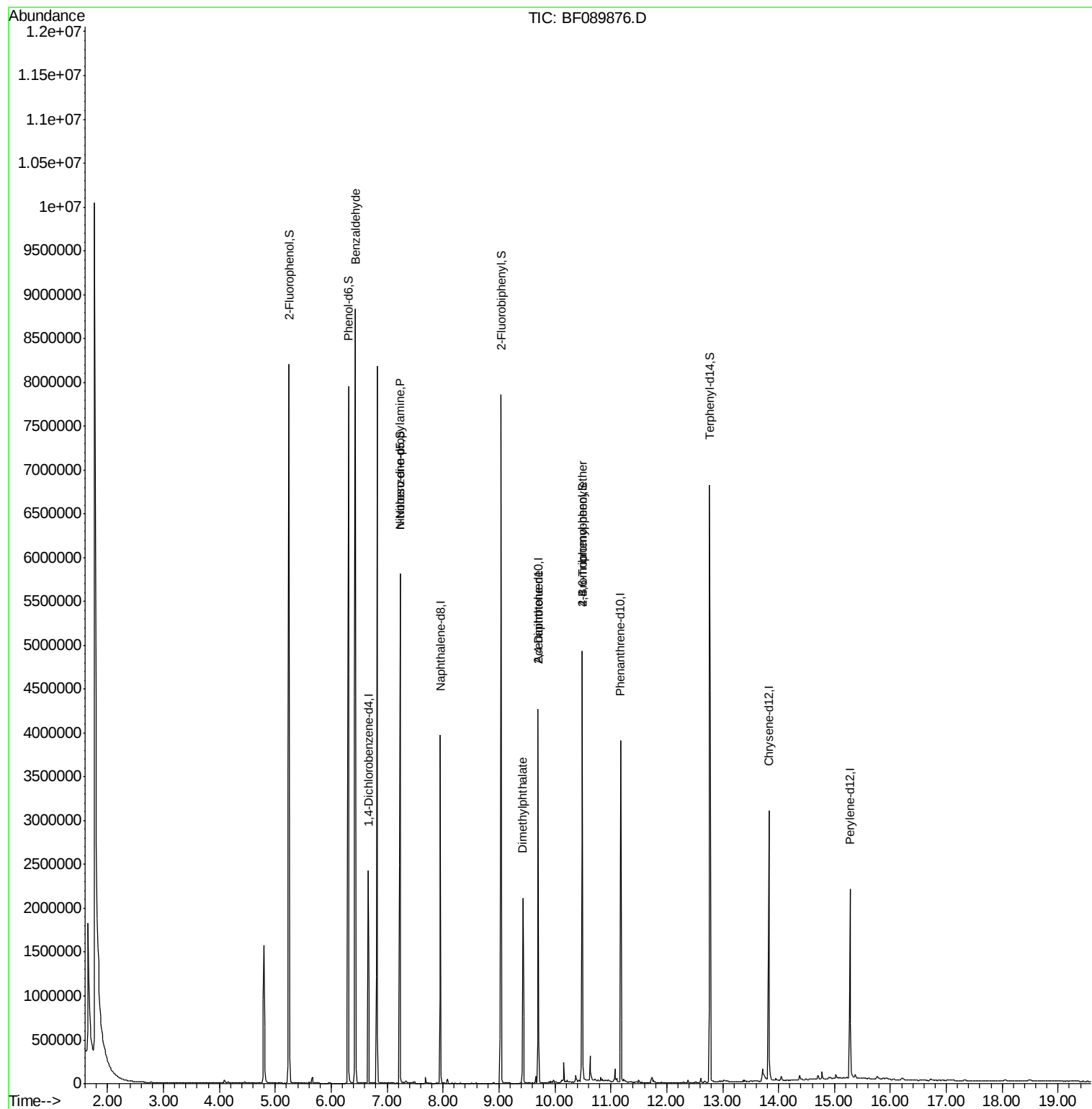
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	414837	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1773458	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	786387	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1345905	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1174776	20.00	ng	-0.05
86) Perylene-d12	15.28	264	911334	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2563389	105.97	ng	-0.01
7) Phenol-d6	6.31	99	3585073	120.73	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2071728	72.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	741684	99.24	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3328055	74.38	ng	-0.01
78) Terphenyl-d14	12.77	244	2800046	53.92	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.43	77	61924	3.20	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.23	70	278435	14.66	ng	# 72
49) Dimethylphthalate	9.43	163	990925	17.90	ng	100
56) 2,4-Dinitrotoluene	9.70	165	102712	6.19	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	45550	3.23	ng	# 1

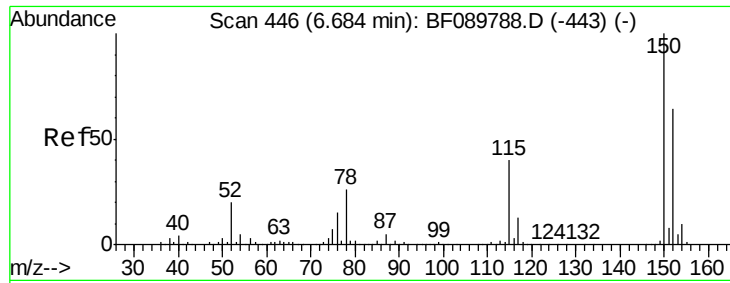
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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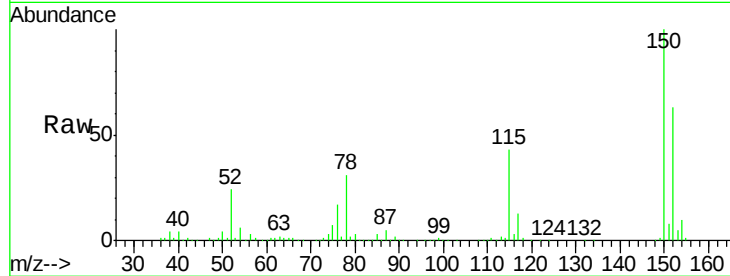


#1

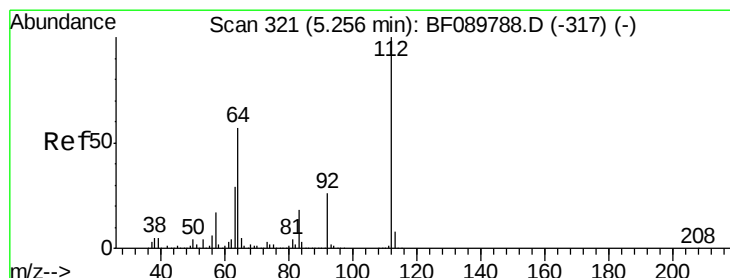
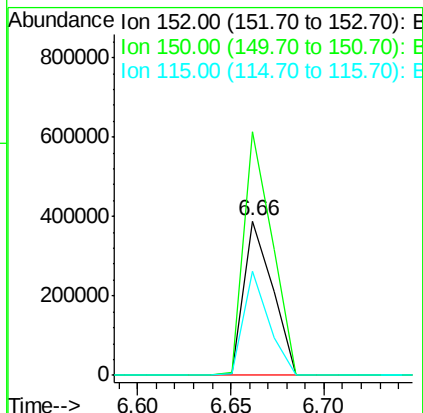
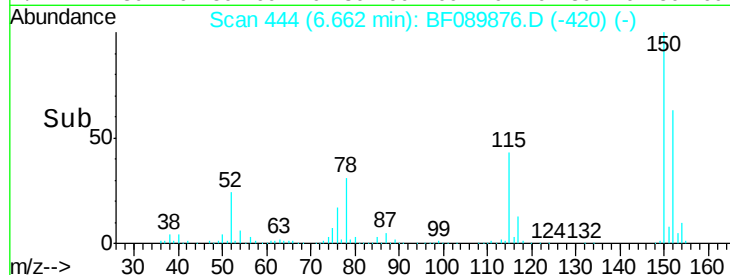
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089876.D
Acq: 24 Aug 2016 16:01

Instrument :
BNA_F
ClientSampleId :
AST-7

Tgt Ion:152 Resp: 414837
Ion Ratio Lower Upper
152 100
150 157.6 125.3 187.9
115 67.2 40.9 61.3#



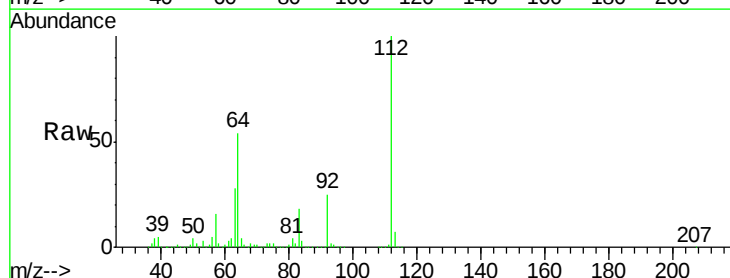
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



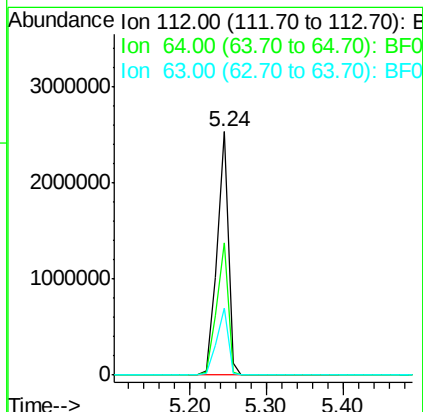
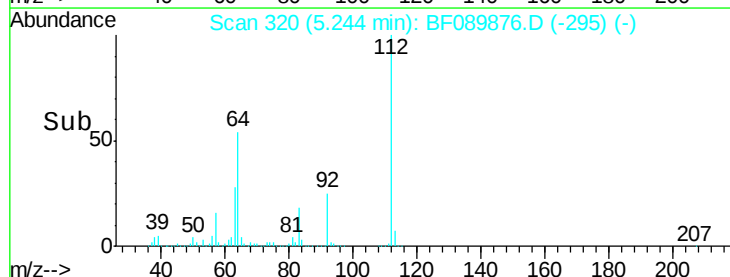
#5

2-Fluorophenol
Concen: 105.97 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089876.D
Acq: 24 Aug 2016 16:01

Tgt Ion:112 Resp: 2563389
Ion Ratio Lower Upper
112 100
64 54.1 45.0 67.4
63 27.5 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: 120.73 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Instrument :

BNA_F

ClientSampleId :

AST-7

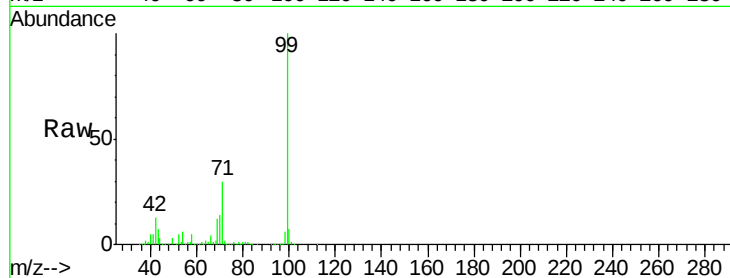
Tgt Ion: 99 Resp: 3585073

Ion Ratio Lower Upper

99 100

42 13.3 12.2 18.4

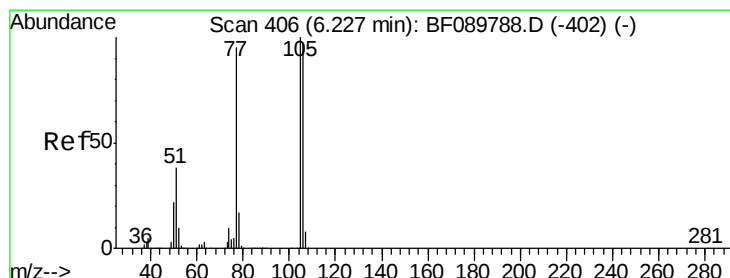
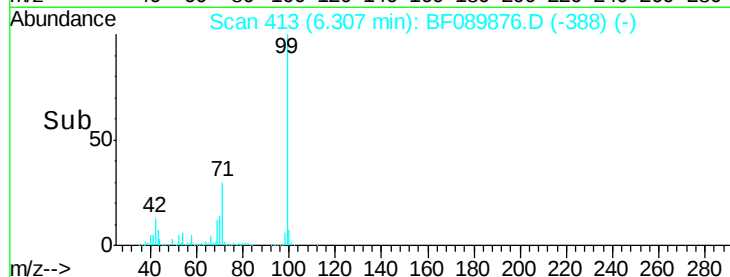
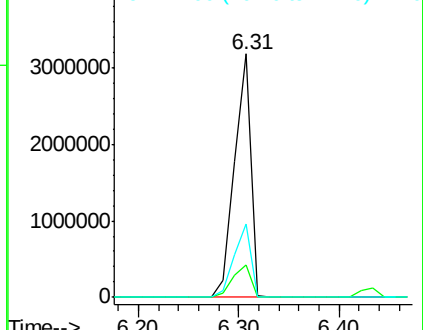
71 29.9 23.8 35.8



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: 3.20 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

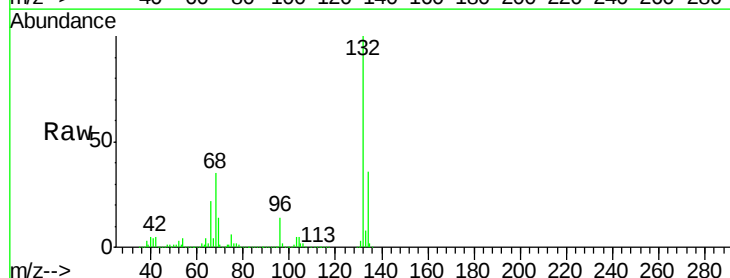
Tgt Ion: 77 Resp: 61924

Ion Ratio Lower Upper

77 100

105 86.0 73.3 113.3

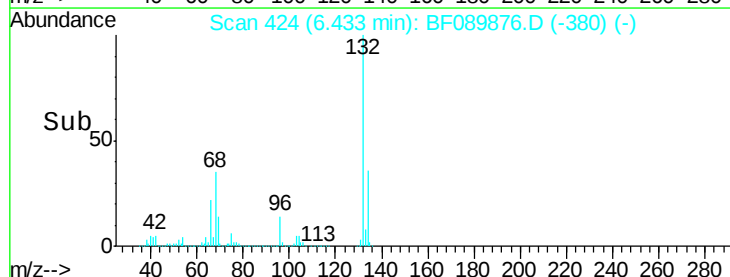
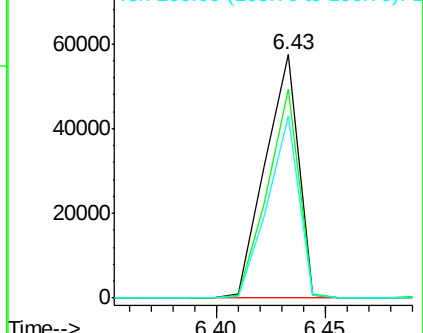
106 74.7 68.6 108.6

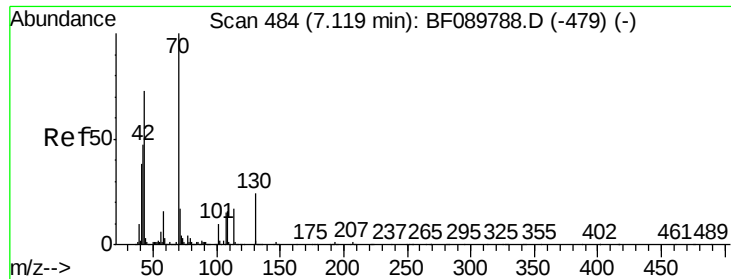


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

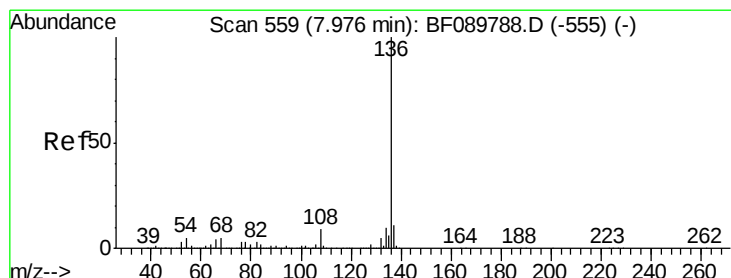
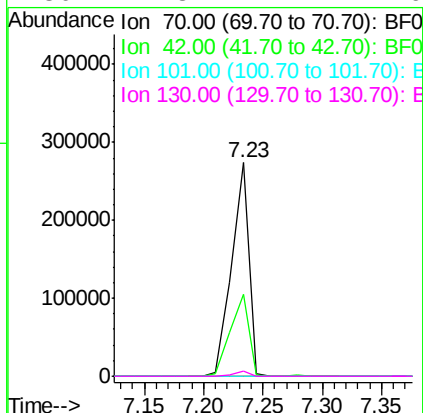
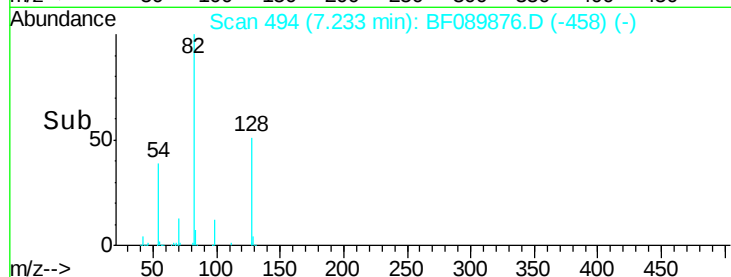
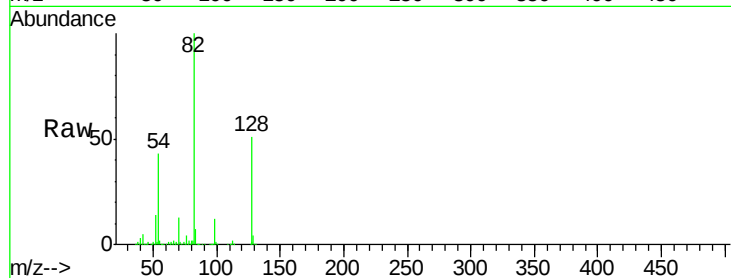




#19
n-Nitroso-di-n-propylamine
Concen: 14.66 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089876.D
Acq: 24 Aug 2016 16:01

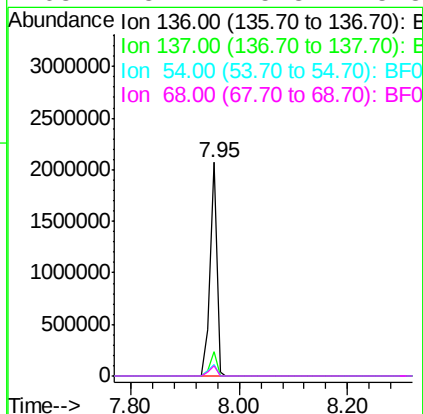
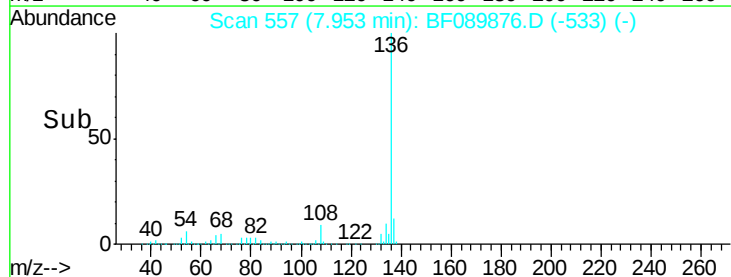
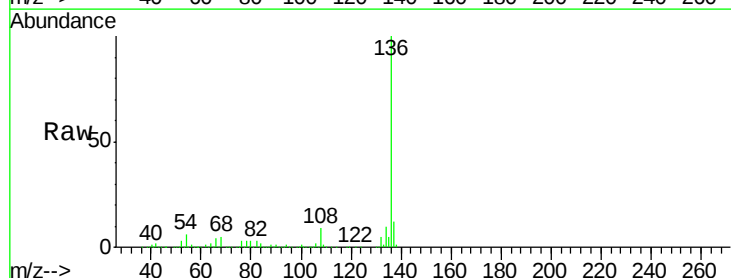
Instrument :
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ClientSampleId :
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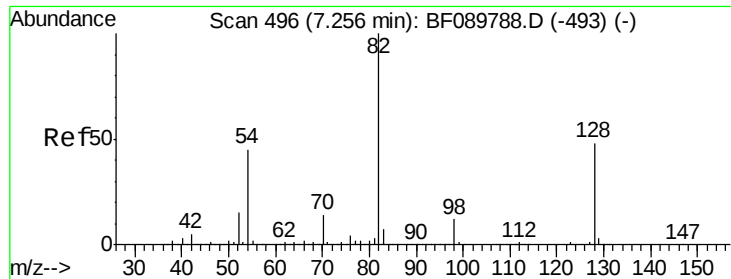
Tgt Ion: 70 Resp: 278435
Ion Ratio Lower Upper
70 100
42 38.6 46.3 69.5#
101 0.0 7.0 10.6#
130 2.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089876.D
Acq: 24 Aug 2016 16:01

Tgt Ion: 136 Resp: 1773458
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 5.5 7.2 10.8#
68 5.1 5.8 8.8#

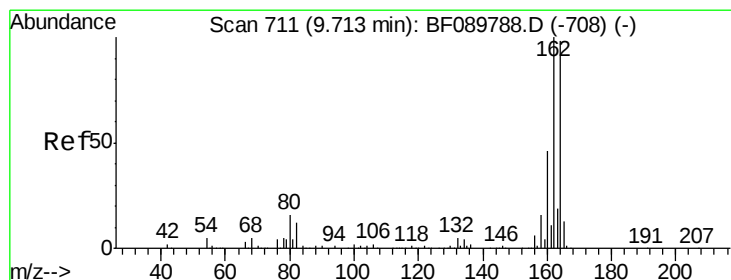
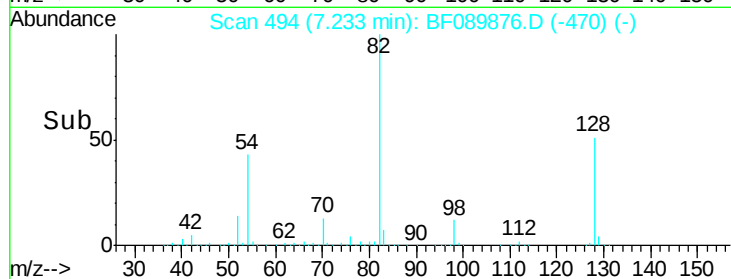
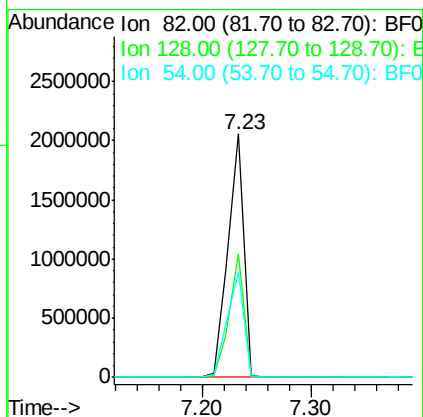
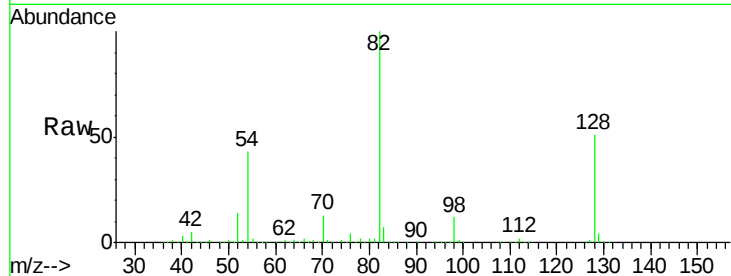




#23
 Nitrobenzene-d5
 Concen: 72.57 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

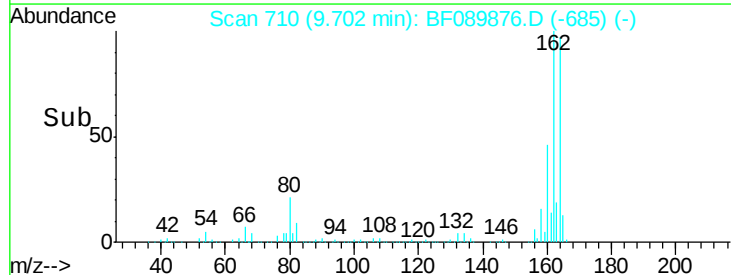
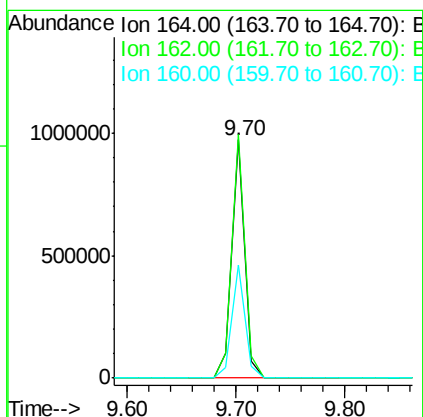
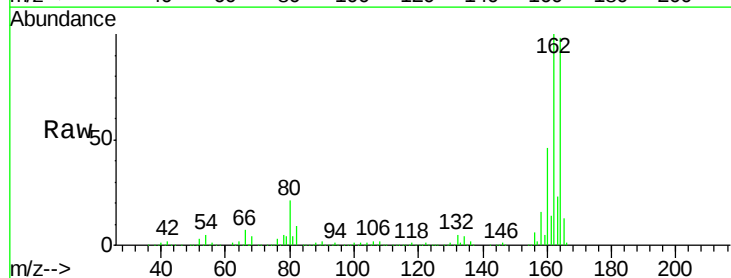
Instrument :
 BNA_F
 ClientSampleId :
 AST-7

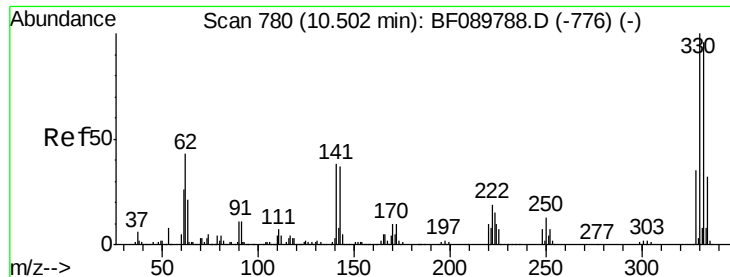
Tgt Ion: 82 Resp: 2071728
 Ion Ratio Lower Upper
 82 100
 128 50.8 34.4 51.6
 54 43.5 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

Tgt Ion: 164 Resp: 786387
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.4 122.2
 160 47.4 37.8 56.6

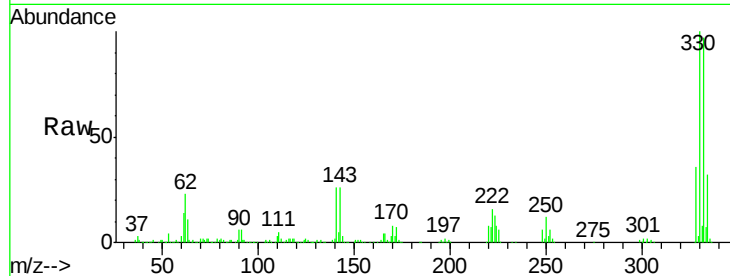




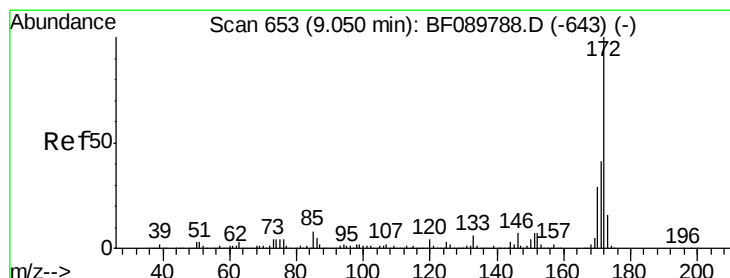
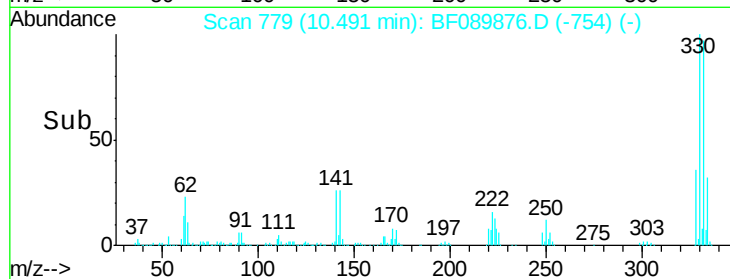
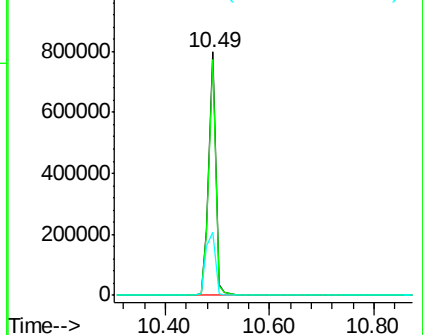
#41
 2,4,6-Tribromophenol
 Concen: 99.24 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 AST-7

Tgt Ion:330 Resp: 741684
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 36.2 30.2 45.2

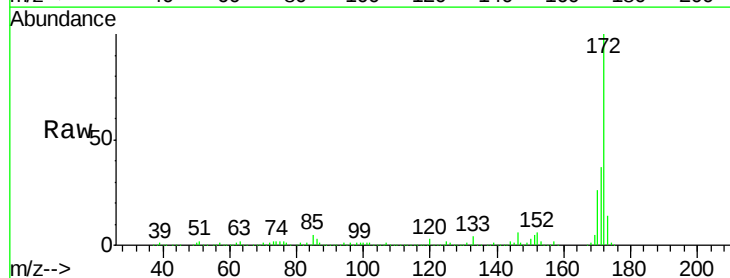


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

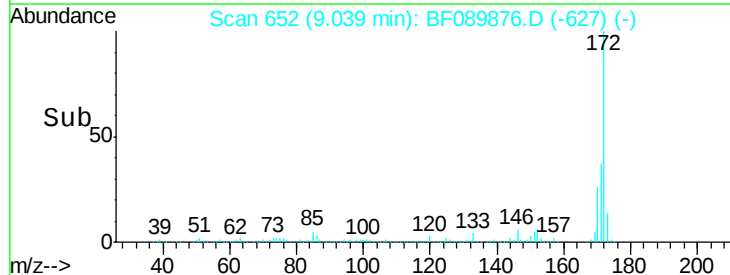
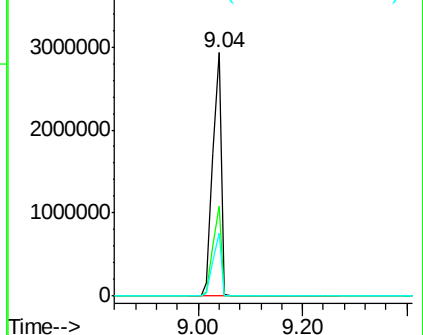


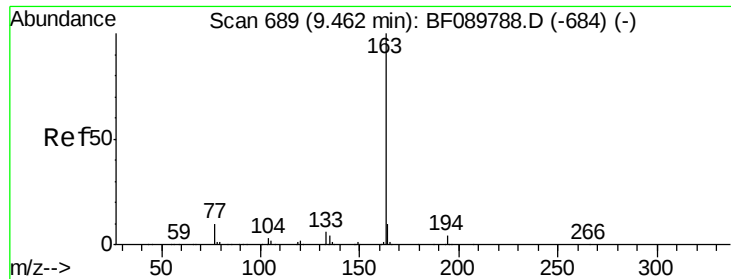
#44
 2-Fluorobiphenyl
 Concen: 74.38 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089876.D
 Acq: 24 Aug 2016 16:01

Tgt Ion:172 Resp: 3328055
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.7 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: 17.90 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Instrument :

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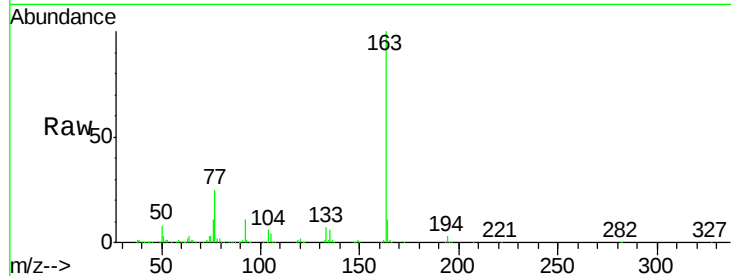
Tgt Ion:163 Resp: 990925

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

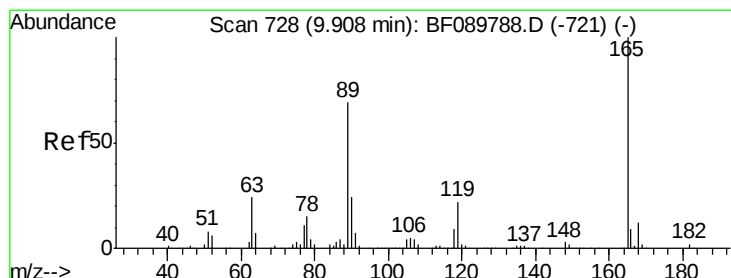
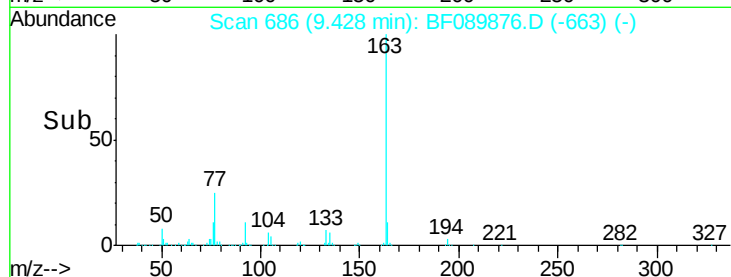
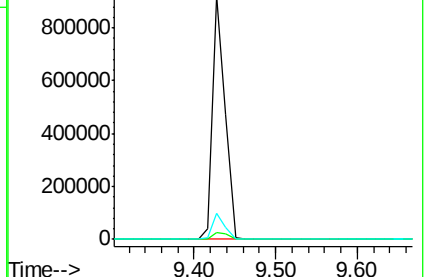
164 10.8 8.6 12.8



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



#56

2,4-Dinitrotoluene

Concen: 6.19 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.20 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Tgt Ion:165 Resp: 102712

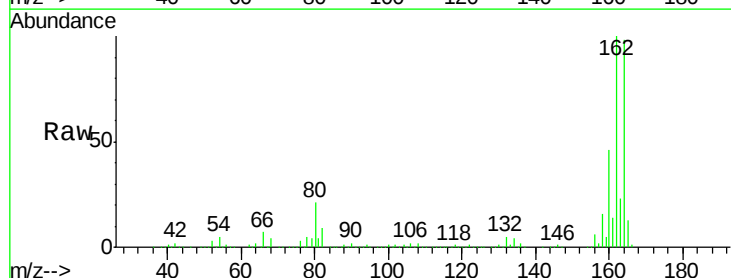
Ion Ratio Lower Upper

165 100

63 0.8 23.7 35.5#

89 1.2 44.0 66.0#

182 0.0 2.0 3.0#

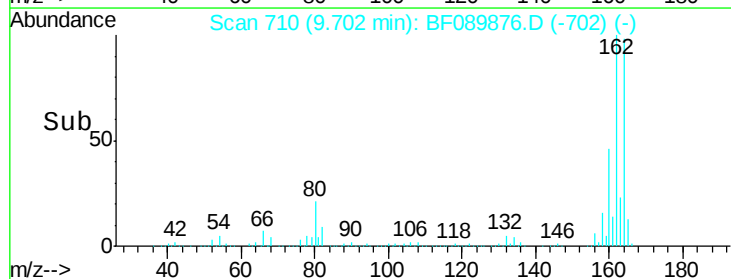
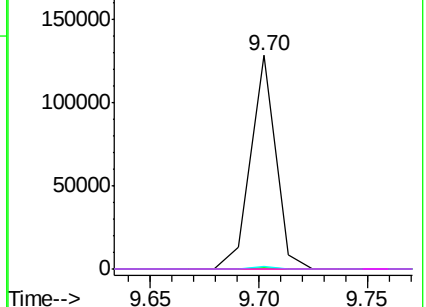


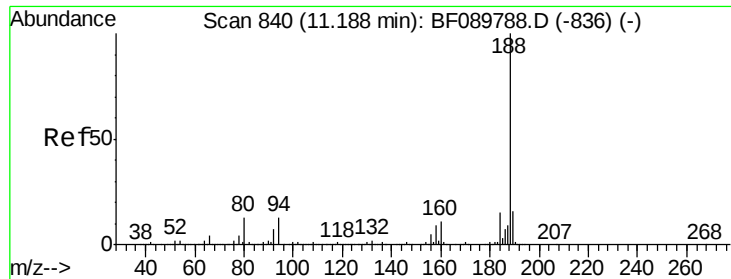
Abundance Ion 165.00 (164.70 to 165.70): E

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

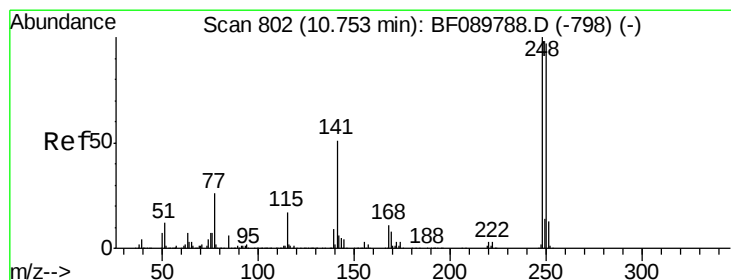
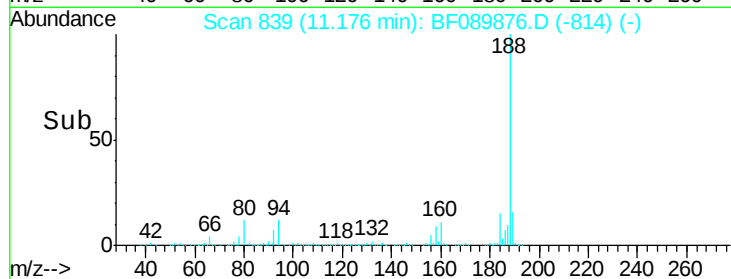
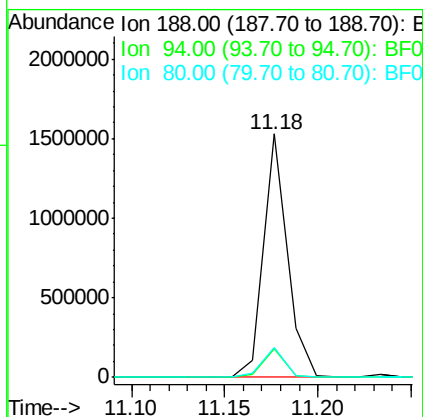
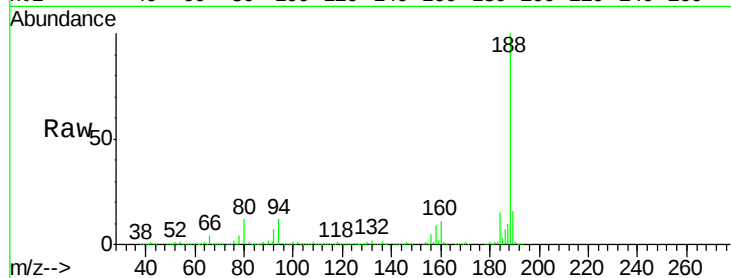




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089876.D
Acq: 24 Aug 2016 16:01

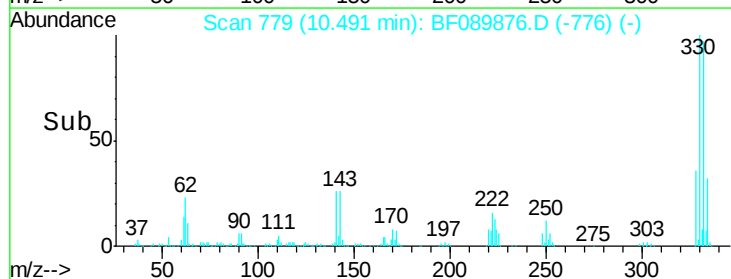
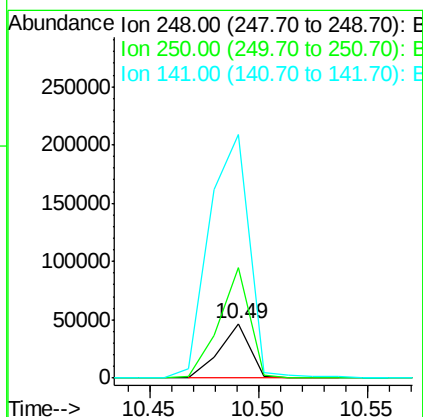
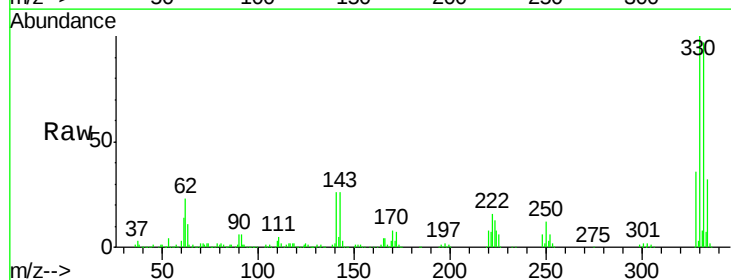
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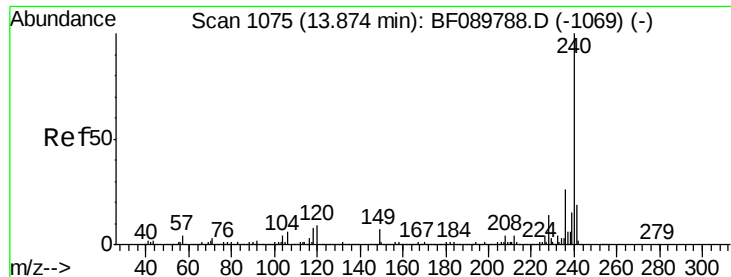
Tgt Ion:188 Resp: 1345905
Ion Ratio Lower Upper
188 100
94 12.0 10.2 15.2
80 12.4 10.9 16.3



#66
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.26 min
Lab File: BF089876.D
Acq: 24 Aug 2016 16:01

Tgt Ion:248 Resp: 45550
Ion Ratio Lower Upper
248 100
250 201.5 78.6 117.8#
141 446.1 31.4 47.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

Instrument :

BNA_F

ClientSampleId :

AST-7

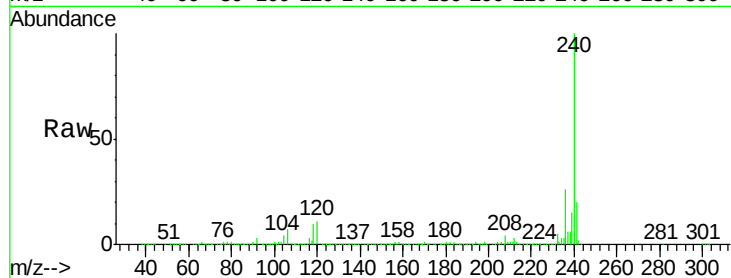
Tgt Ion:240 Resp: 1174776

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

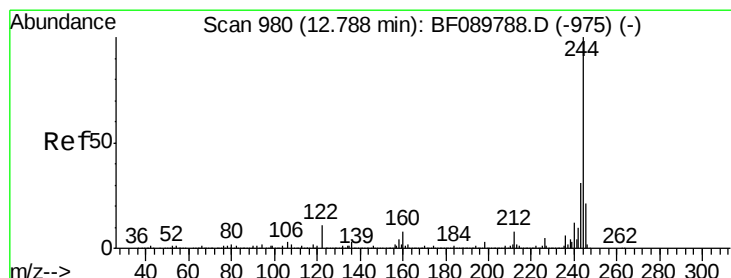
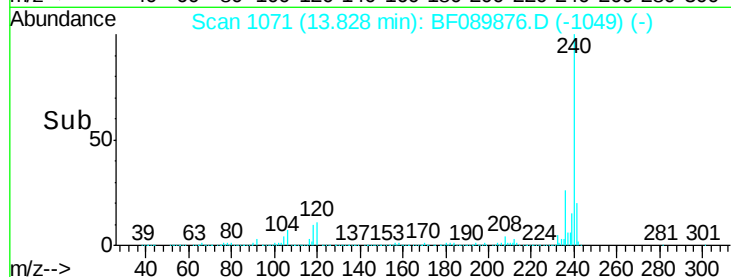
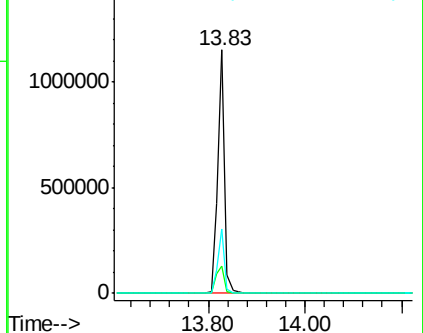
236 26.3 21.3 31.9



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: 53.92 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF089876.D

Acq: 24 Aug 2016 16:01

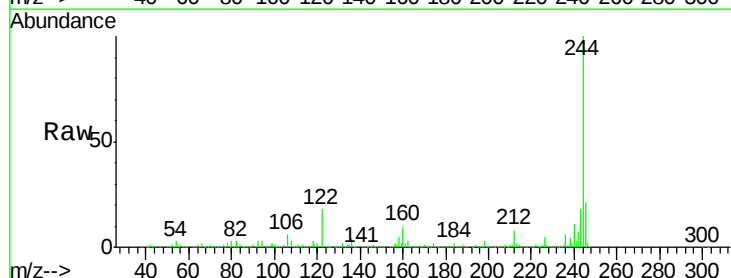
Tgt Ion:244 Resp: 2800046

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

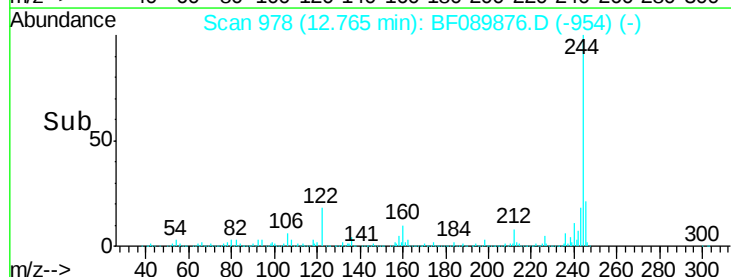
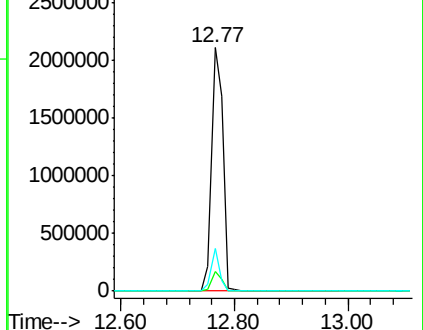
122 17.7 12.0 18.0

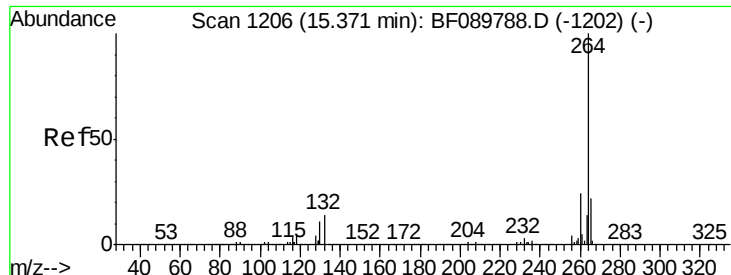


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

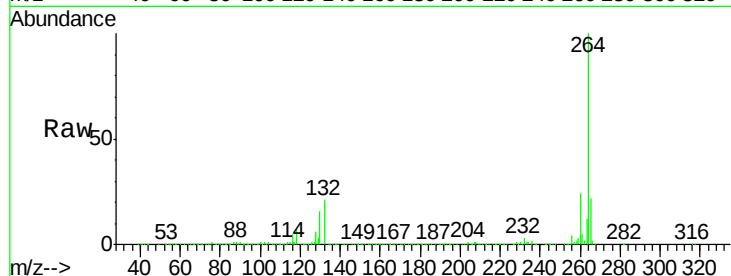




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.09 min
Lab File: BF089876.D
Acq: 24 Aug 2016 16:01

Instrument :
BNA_F
ClientSampleId :
AST-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	21.9	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

