

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089873.D
 Acq On : 24 Aug 2016 14:42
 Operator : UM/SJ
 Sample : H4551-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-4

Quant Time: Aug 25 12:17:11 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

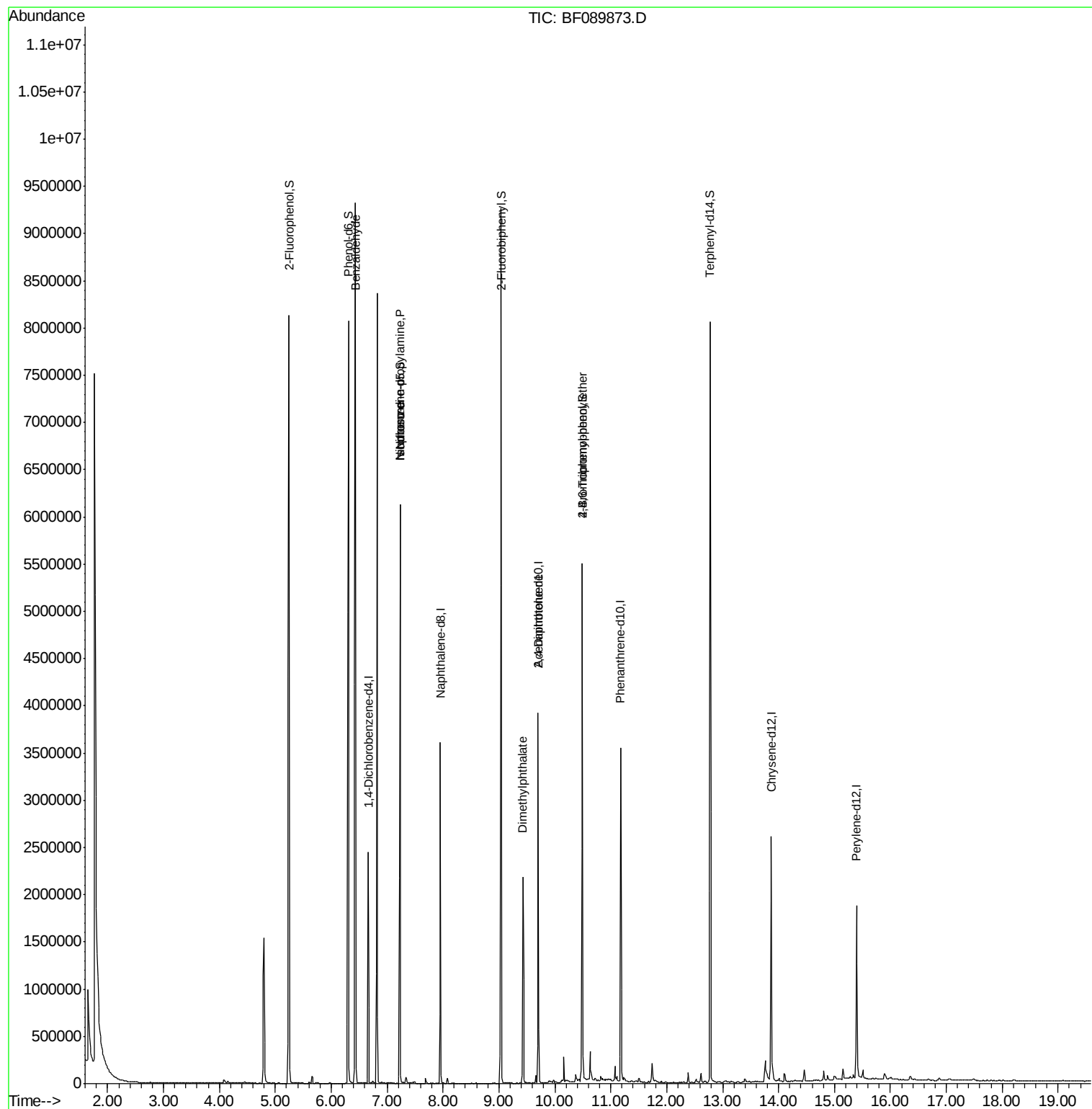
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	379571	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1593602	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	727982	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1312910	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	1164637	20.00	ng	0.00
86) Perylene-d12	15.39	264	883392	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2752569	124.36	ng	-0.01
7) Phenol-d6	6.31	99	3643390	134.09	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2079480	81.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	744129	107.56	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3547113	85.64	ng	-0.01
78) Terphenyl-d14	12.78	244	2932224	56.96	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	64785	3.66	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.23	70	280080	16.12	ng	# 71
25) Isophorone	7.23	82	1519963	29.38	ng	# 67
49) Dimethylphthalate	9.43	163	1125056	21.95	ng	99
56) 2,4-Dinitrotoluene	9.70	165	94184	6.13	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	47082	3.42	ng	# 1

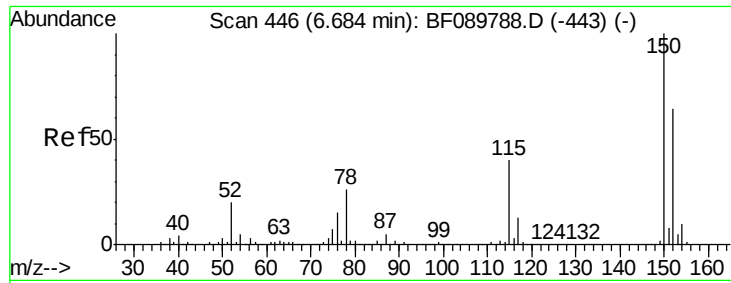
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089873.D

Acq: 24 Aug 2016 14:42

Instrument :

BNA_F

ClientSampleId :

AST-4

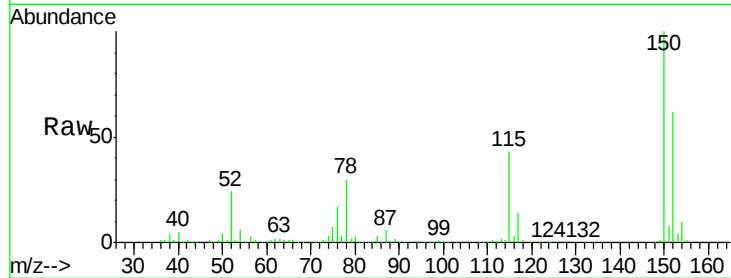
Tgt Ion:152 Resp: 379571

Ion Ratio Lower Upper

152 100

150 160.9 125.3 187.9

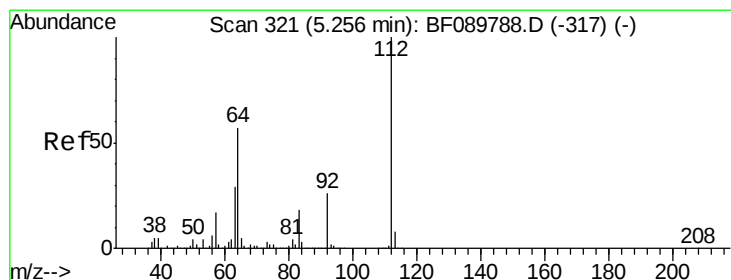
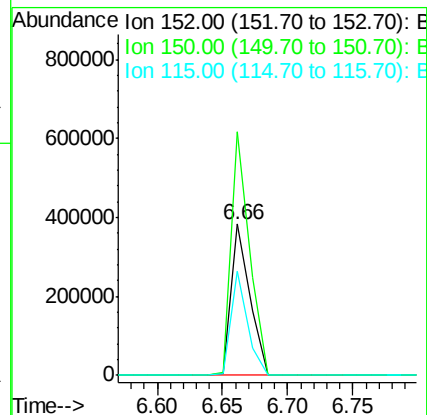
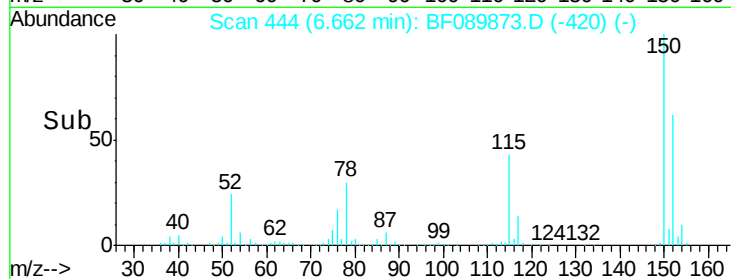
115 68.6 40.9 61.3#



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: 124.36 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

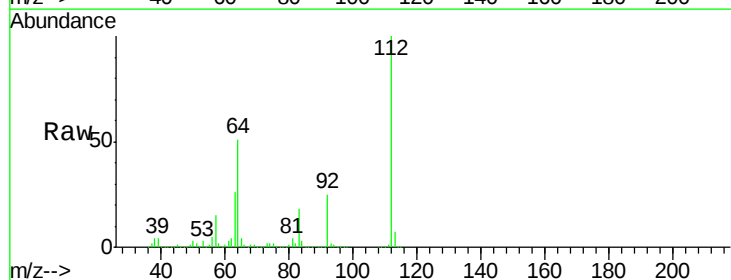
Tgt Ion:112 Resp: 2752569

Ion Ratio Lower Upper

112 100

64 51.2 45.0 67.4

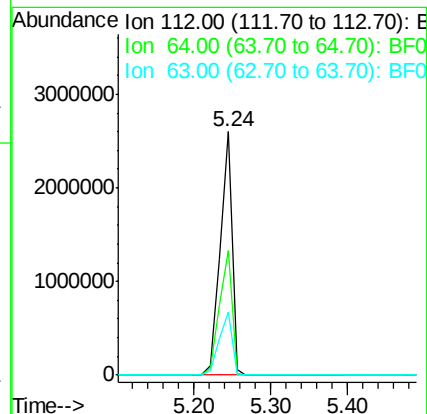
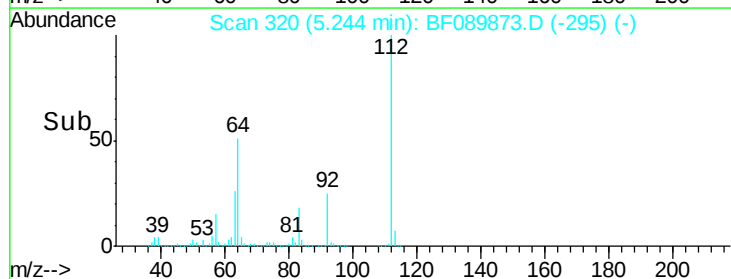
63 26.0 23.1 34.7

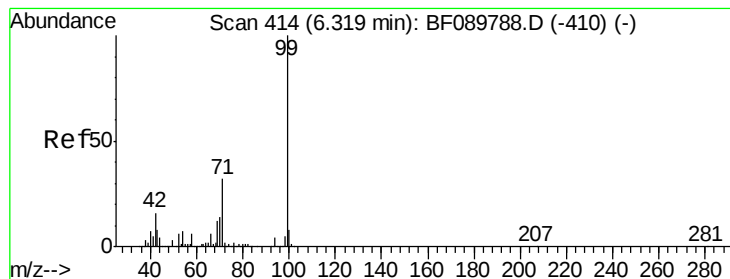


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.09 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

Instrument :

BNA_F

ClientSampleId :

AST-4

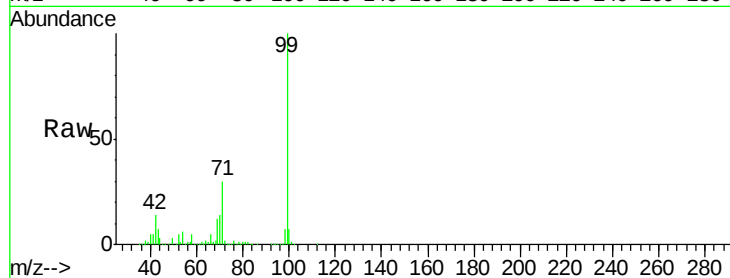
Tgt Ion: 99 Resp: 3643390

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.4

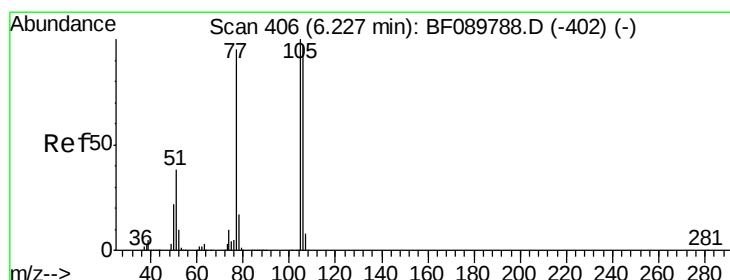
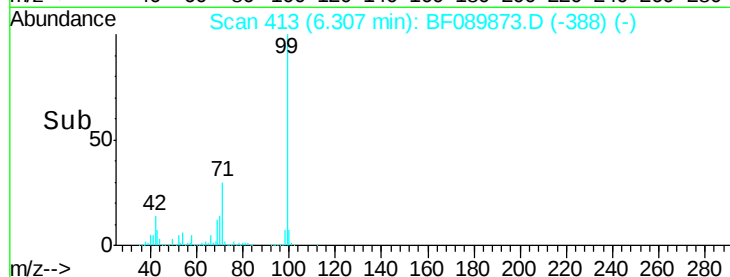
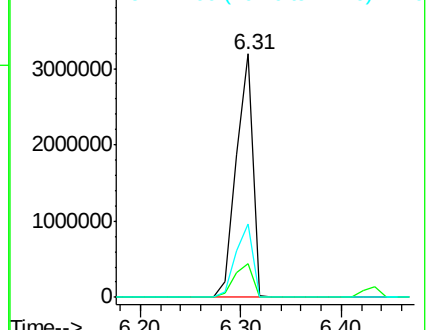
71 30.3 23.8 35.8



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: 3.66 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

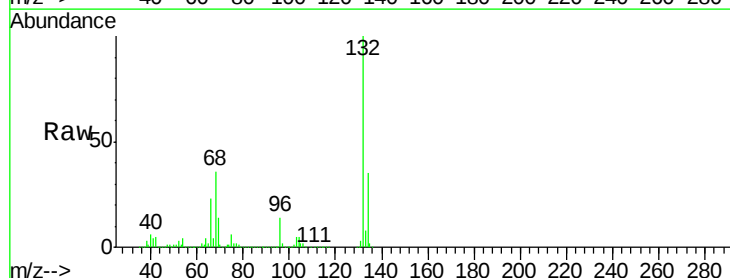
Tgt Ion: 77 Resp: 64785

Ion Ratio Lower Upper

77 100

105 87.0 73.3 113.3

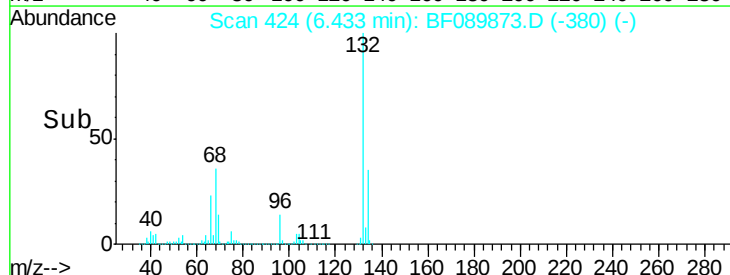
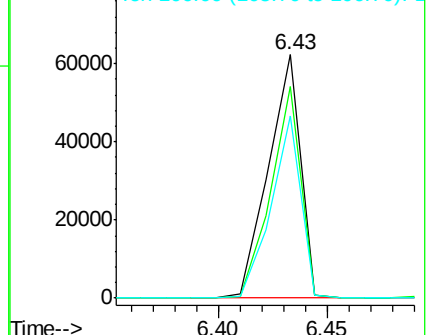
106 74.8 68.6 108.6

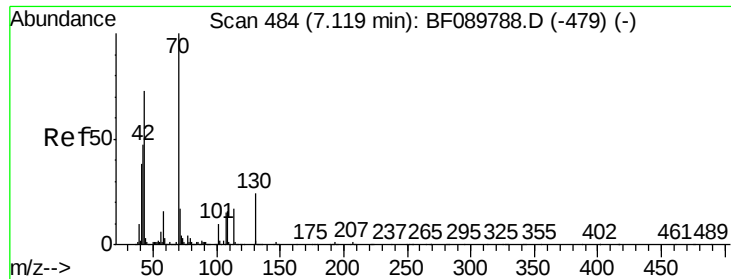


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

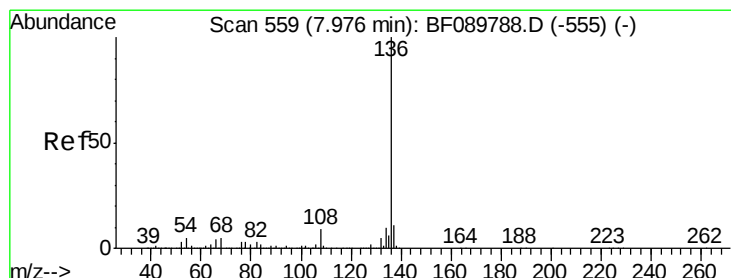
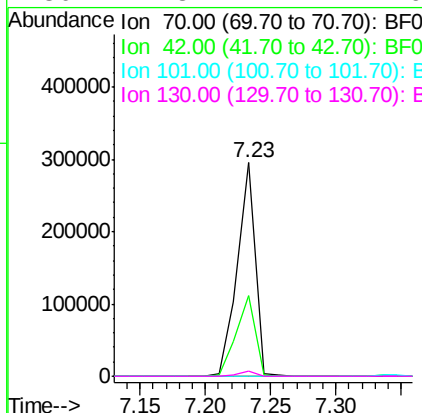
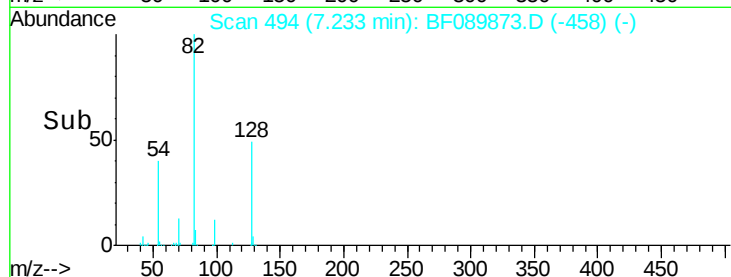
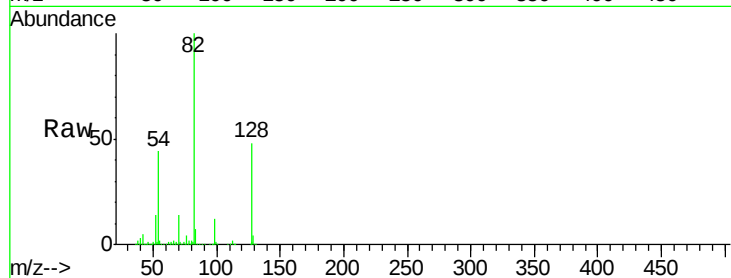




#19
n-Nitroso-di-n-propylamine
Concen: 16.12 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

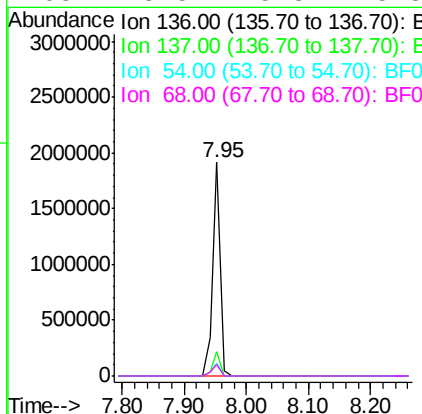
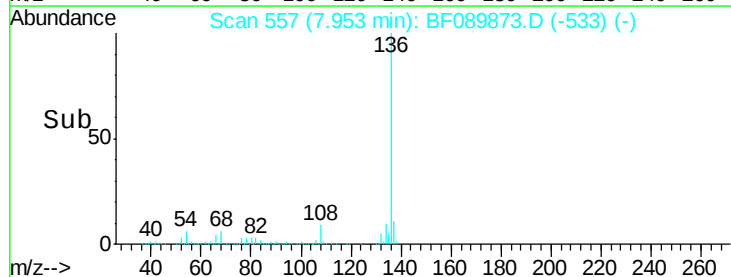
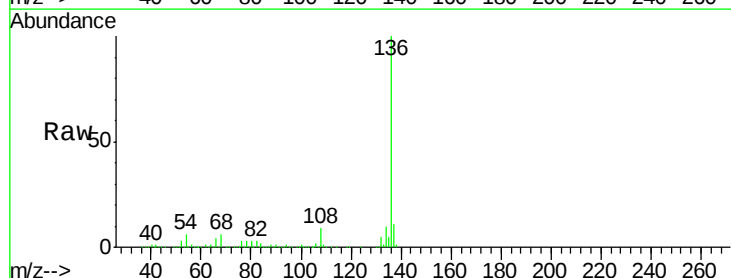
Instrument :
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ClientSampleId :
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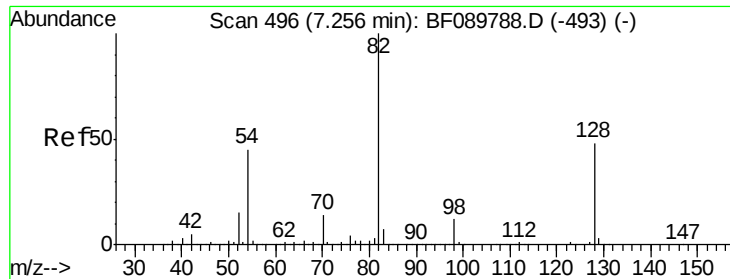
Tgt Ion: 70 Resp: 280080
Ion Ratio Lower Upper
70 100
42 37.9 46.3 69.5#
101 0.0 7.0 10.6#
130 2.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Tgt Ion: 136 Resp: 1593602
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 5.8 7.2 10.8#
68 5.5 5.8 8.8#

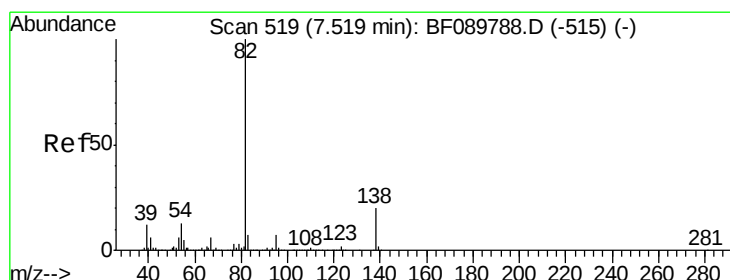
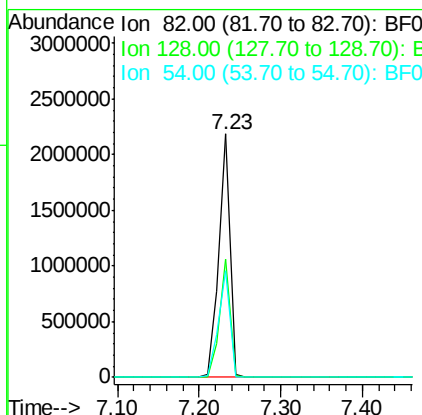
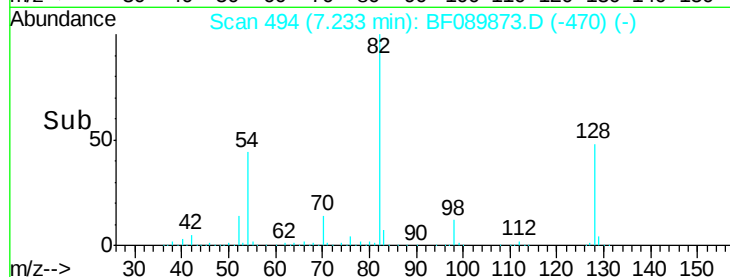
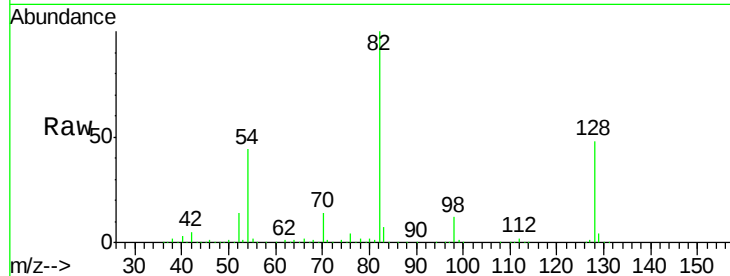




#23
 Nitrobenzene-d5
 Concen: 81.07 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

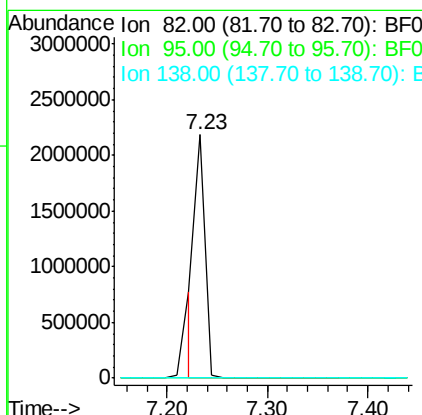
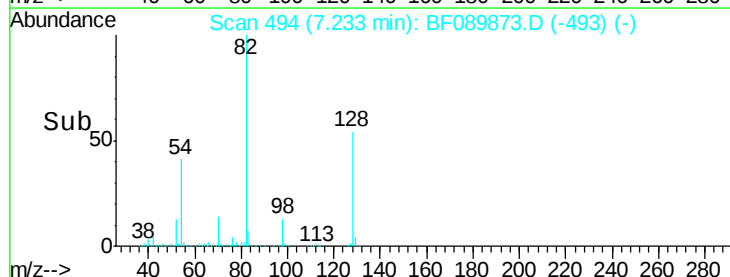
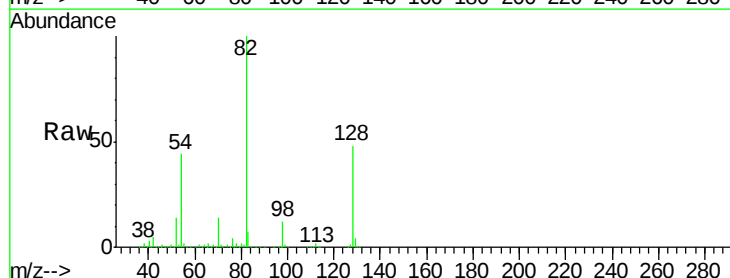
Instrument :
 BNA_F
 ClientSampleID :
 AST-4

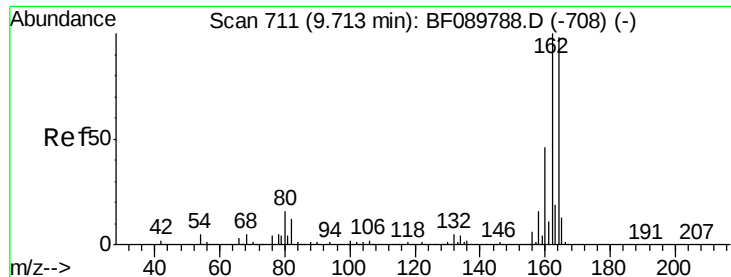
Tgt Ion: 82 Resp: 2079480
 Ion Ratio Lower Upper
 82 100
 128 48.5 34.4 51.6
 54 43.7 40.3 60.5



#25
 Isophorone
 Concen: 29.38 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.29 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

Tgt Ion: 82 Resp: 1519963
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.0 19.4#

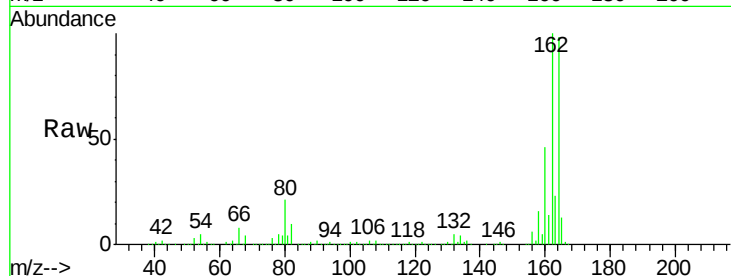




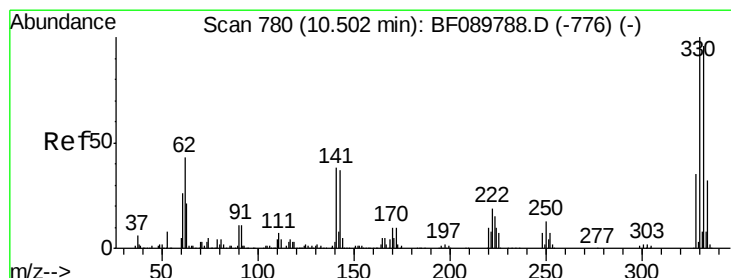
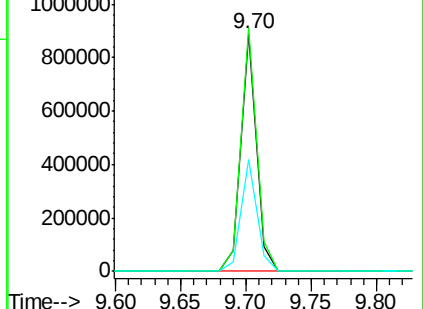
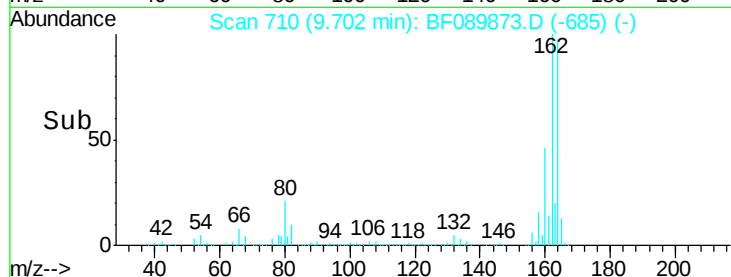
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 AST-4

Tgt Ion:164 Resp: 727982
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 47.1 37.8 56.6

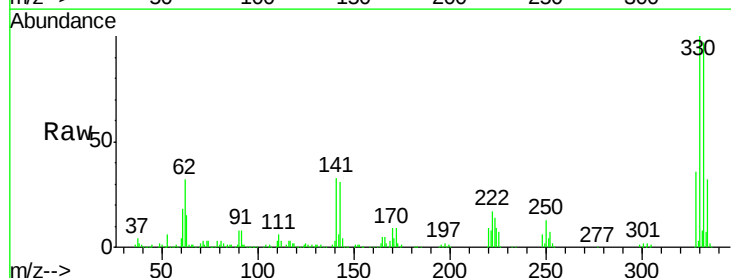


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

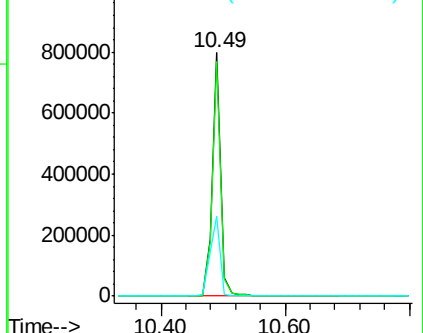
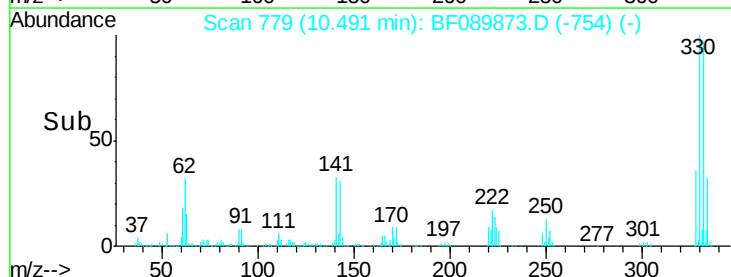


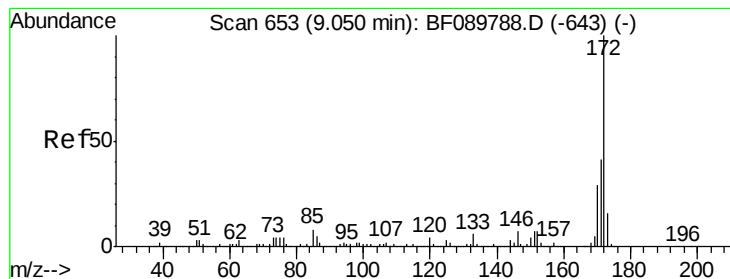
#41
 2,4,6-Tribromophenol
 Concen: 107.56 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

Tgt Ion:330 Resp: 744129
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 39.2 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: 85.64 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

Instrument :

BNA_F

ClientSampleId :

AST-4

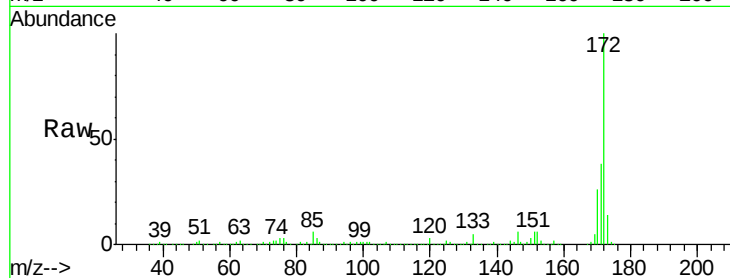
Tgt Ion:172 Resp: 3547113

Ion Ratio Lower Upper

172 100

171 38.1 30.5 45.7

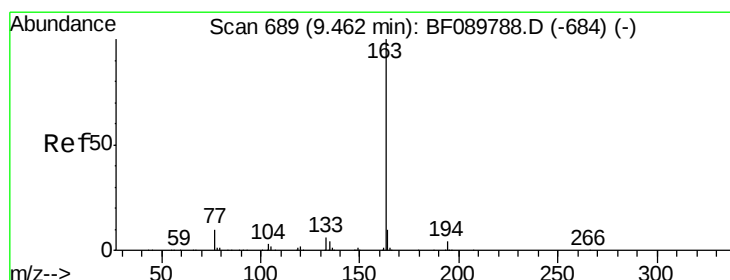
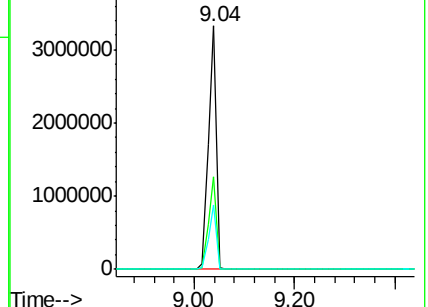
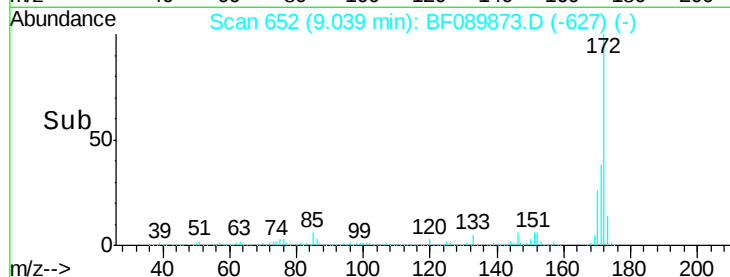
170 26.2 20.6 31.0



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: 21.95 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

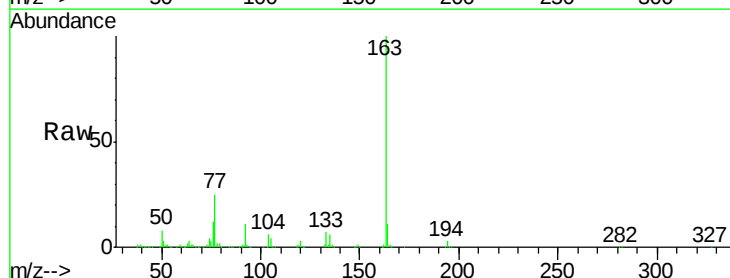
Tgt Ion:163 Resp: 1125056

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

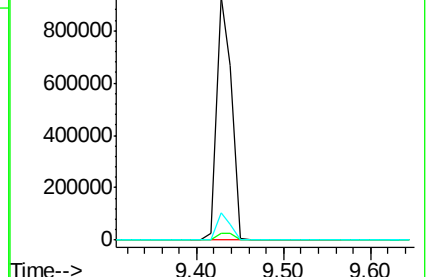
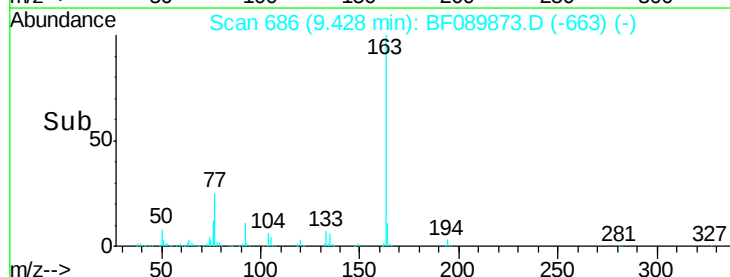
164 11.0 8.6 12.8

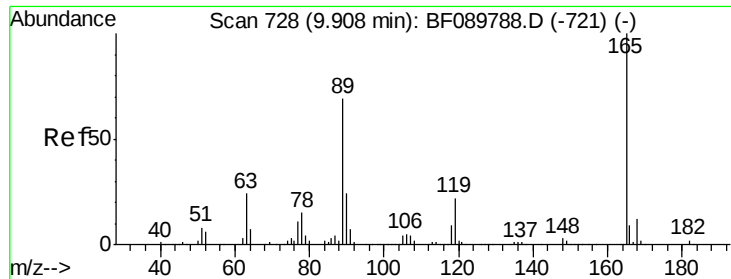


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

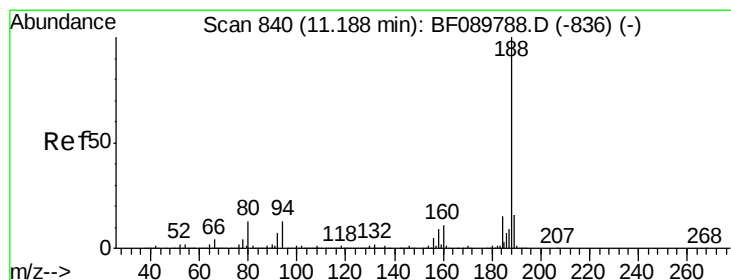
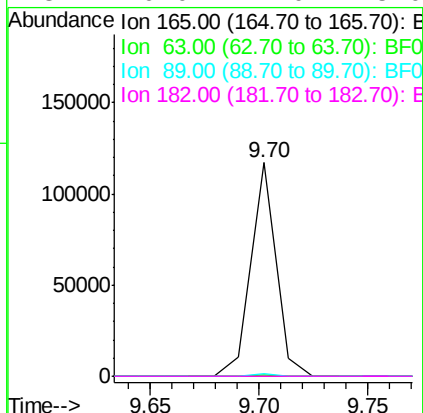
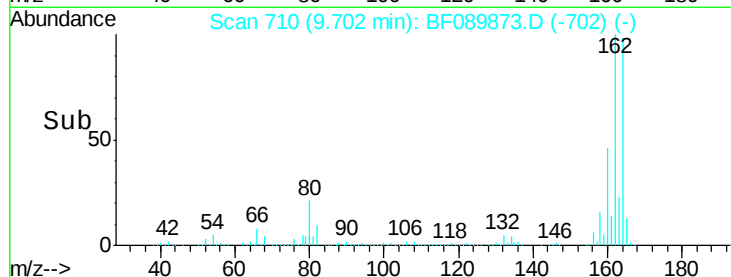
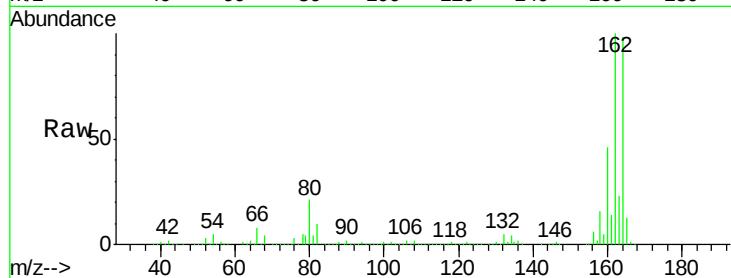




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.21 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

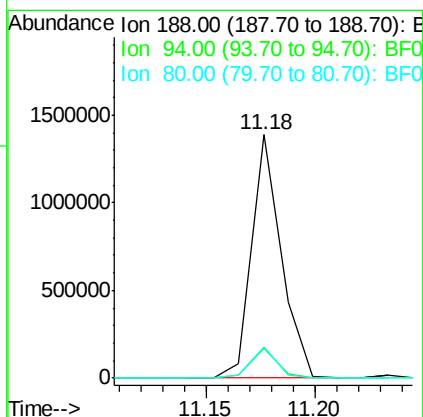
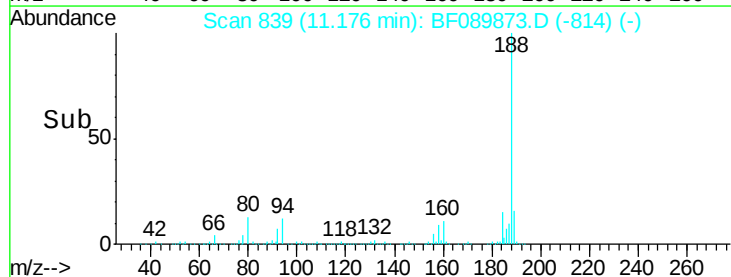
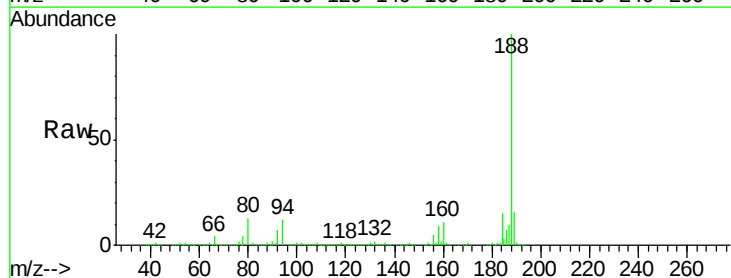
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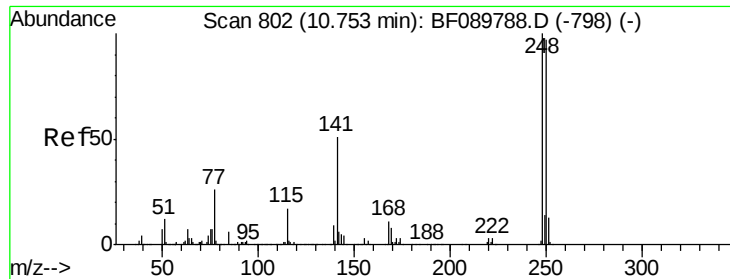
Tgt Ion:	165	Resp:	94184
Ion	Ratio	Lower	Upper
165	100		
63	0.9	23.7	35.5#
89	1.1	44.0	66.0#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

Tgt Ion:	188	Resp:	1312910
Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.2	15.2
80	12.7	10.9	16.3

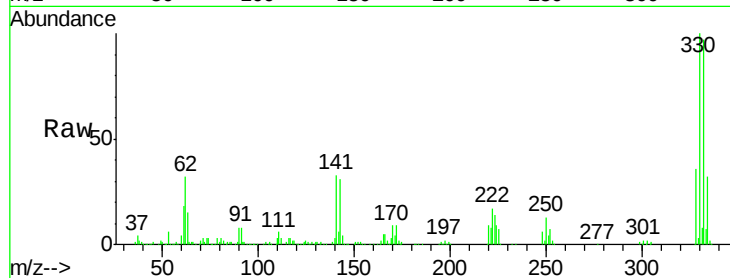




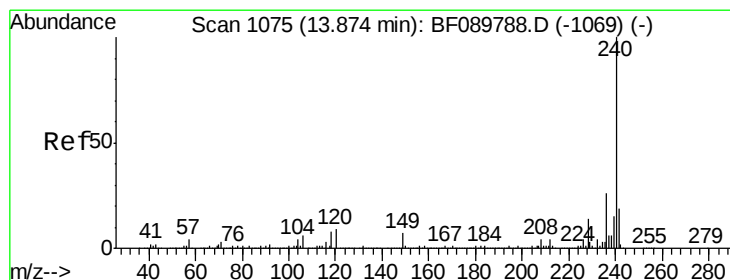
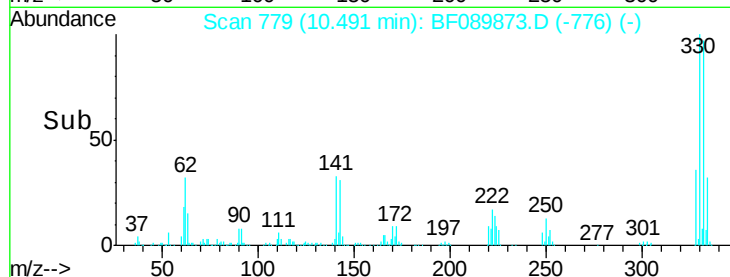
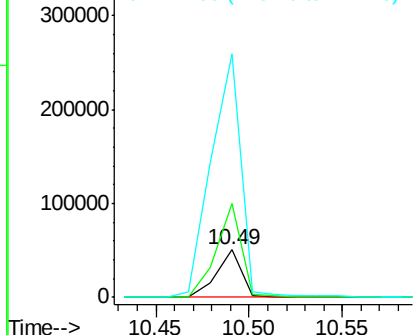
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.26 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Instrument :
BNA_F
ClientSampleId :
AST-4

Tgt Ion:248 Resp: 47082
Ion Ratio Lower Upper
248 100
250 199.4 78.6 117.8#
141 515.8 31.4 47.2#

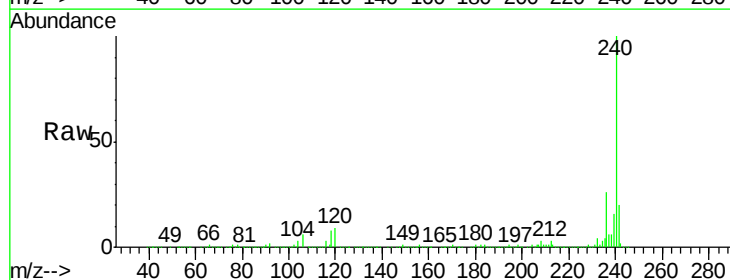


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

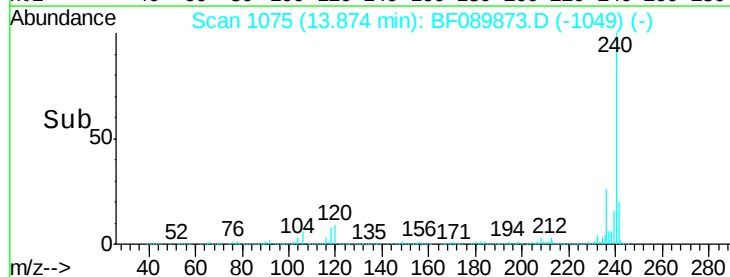
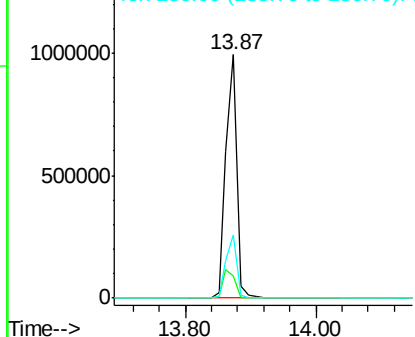


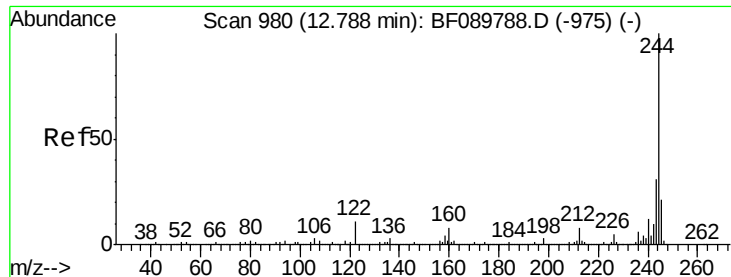
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Tgt Ion:240 Resp: 1164637
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 26.1 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: 56.96 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

Instrument :

BNA_F

ClientSampleId :

AST-4

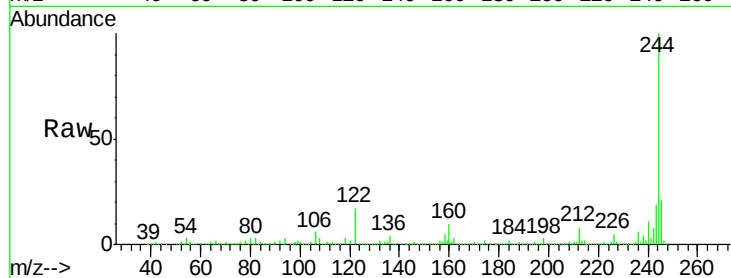
Tgt Ion:244 Resp: 2932224

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

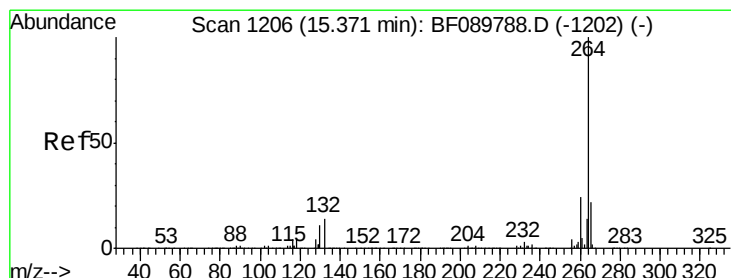
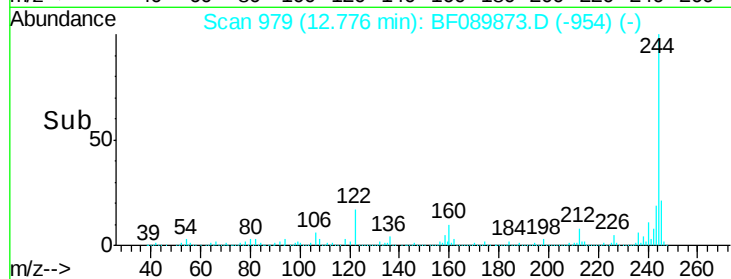
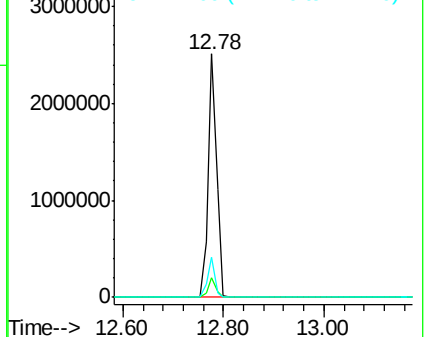
122 16.5 12.0 18.0



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: 15.39 min Scan# 1208

Delta R.T. 0.02 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

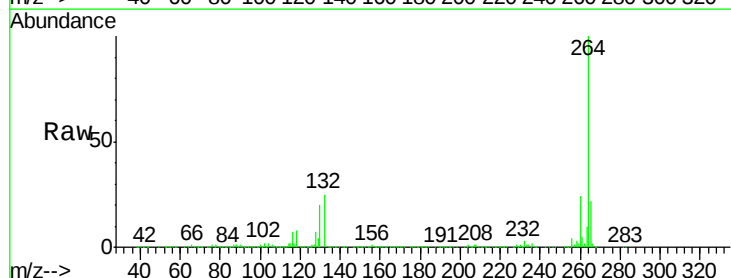
Tgt Ion:264 Resp: 883392

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 22.2 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

