

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089872.D
 Acq On : 24 Aug 2016 14:15
 Operator : UM/SJ
 Sample : H4551-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-3

Quant Time: Aug 25 12:16:57 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

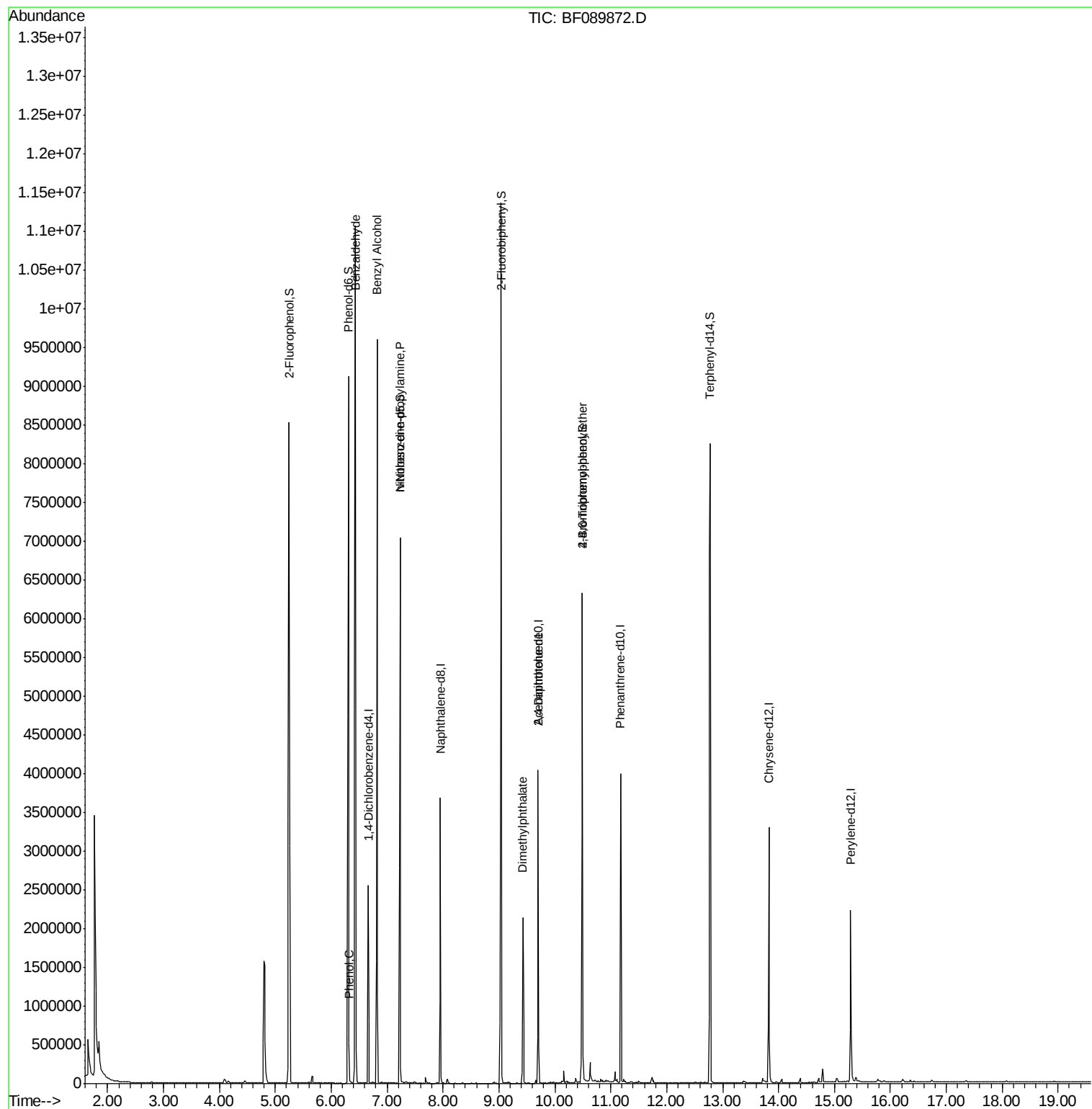
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	400178	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1732959	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	768516	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1368289	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1132280	20.00	ng	-0.05
86) Perylene-d12	15.29	264	920811	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3321363	142.33	ng	-0.01
7) Phenol-d6	6.31	99	3883442	135.57	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2467963	88.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	891956	122.13	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	4214928	96.39	ng	-0.01
78) Terphenyl-d14	12.78	244	3562197	71.17	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	77560	4.16	ng	88
10) Phenol	6.32	94	68566	2.04	ng	79
15) Benzyl Alcohol	6.82	79	40242	2.12	ng	# 48
19) n-Nitroso-di-n-propylamine	7.23	70	340109	18.56	ng	# 73
49) Dimethylphthalate	9.43	163	1003386	18.54	ng	100
56) 2,4-Dinitrotoluene	9.70	165	101560	6.27	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	56307	3.92	ng	# 1

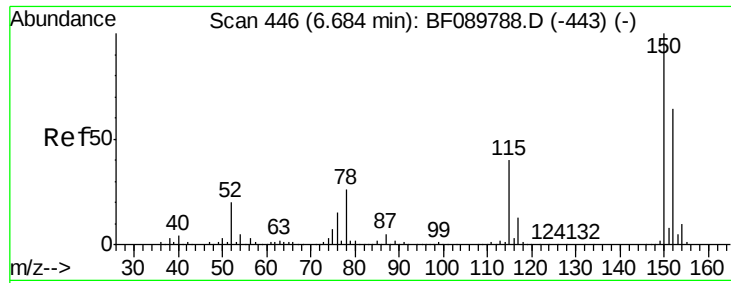
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089872.D

Acq: 24 Aug 2016 14:15

Instrument :

BNA_F

ClientSampleId :

AST-3

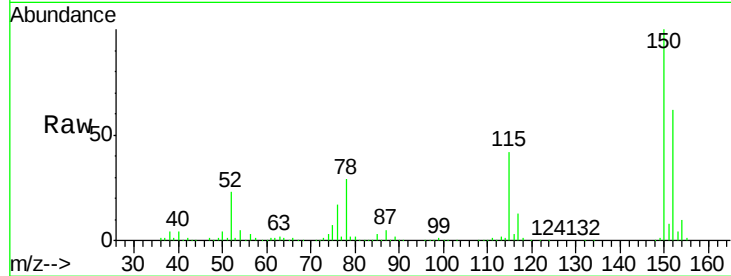
Tgt Ion:152 Resp: 400178

Ion Ratio Lower Upper

152 100

150 160.2 125.3 187.9

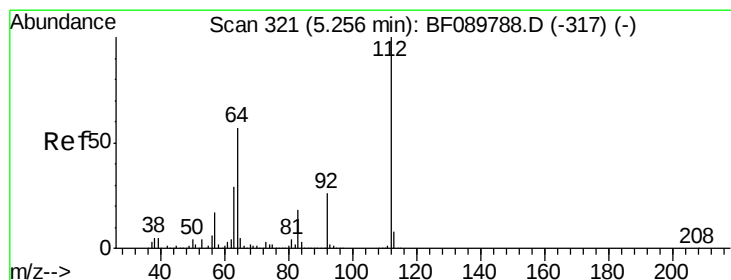
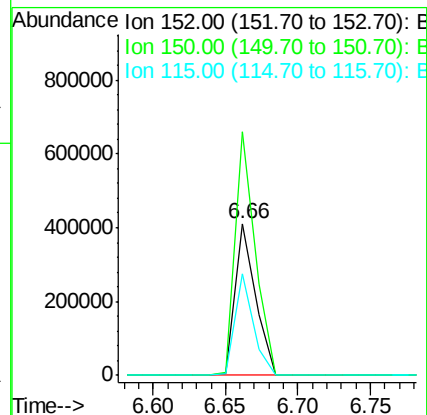
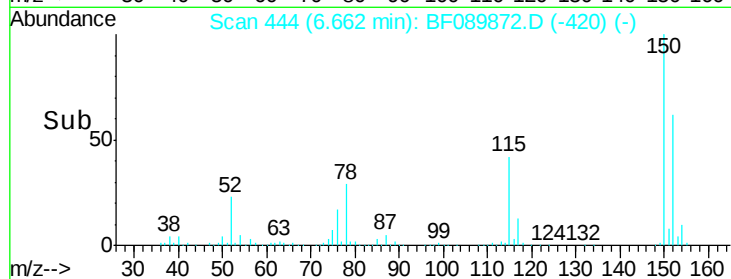
115 66.5 40.9 61.3#



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: 142.33 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089872.D

Acq: 24 Aug 2016 14:15

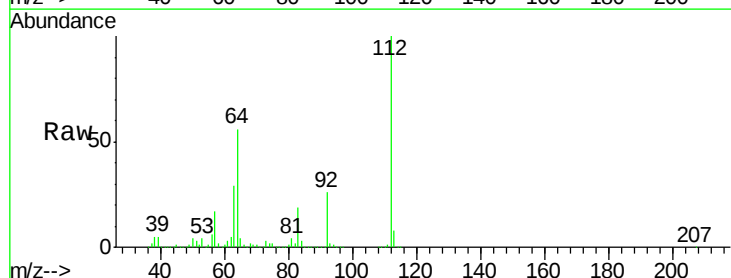
Tgt Ion:112 Resp: 3321363

Ion Ratio Lower Upper

112 100

64 55.6 45.0 67.4

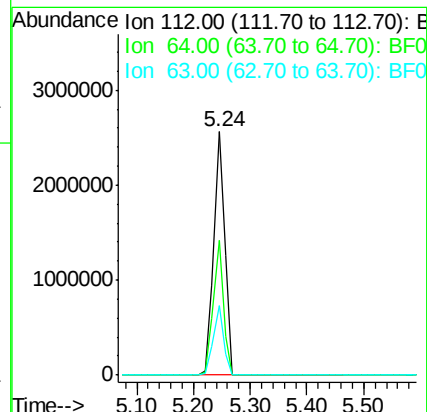
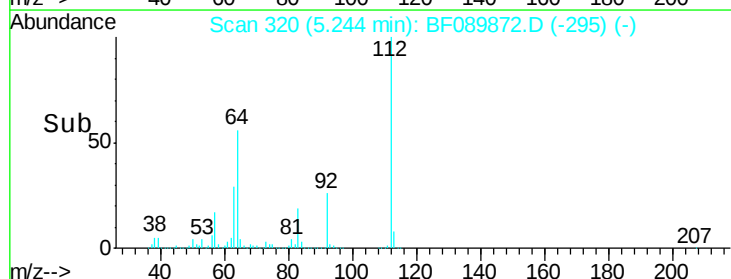
63 28.7 23.1 34.7

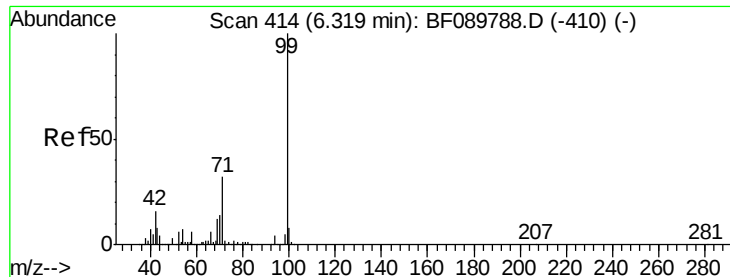


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.57 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089872.D

Acq: 24 Aug 2016 14:15

Instrument :

BNA_F

ClientSampleId :

AST-3

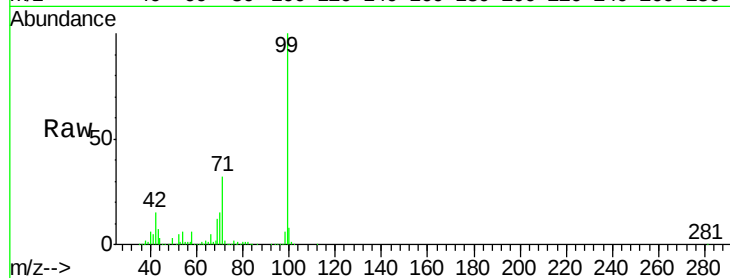
Tgt Ion: 99 Resp: 3883442

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.4

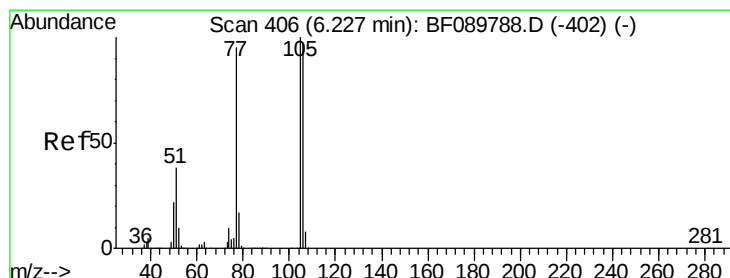
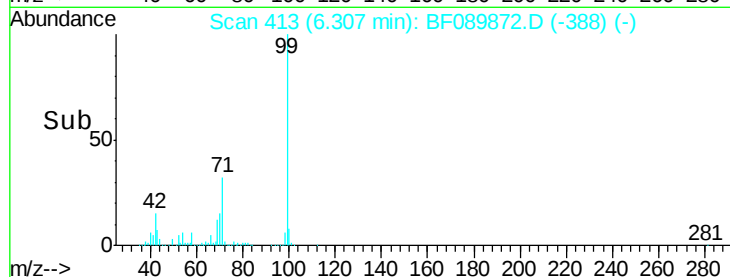
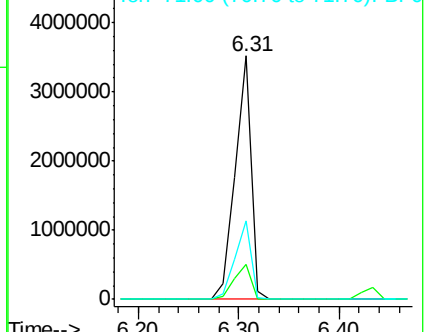
71 32.0 23.8 35.8



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: 4.16 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089872.D

Acq: 24 Aug 2016 14:15

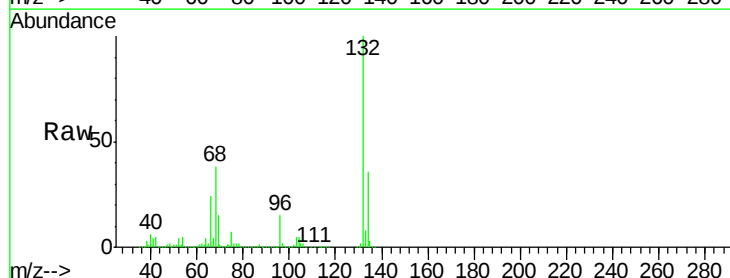
Tgt Ion: 77 Resp: 77560

Ion Ratio Lower Upper

77 100

105 85.1 73.3 113.3

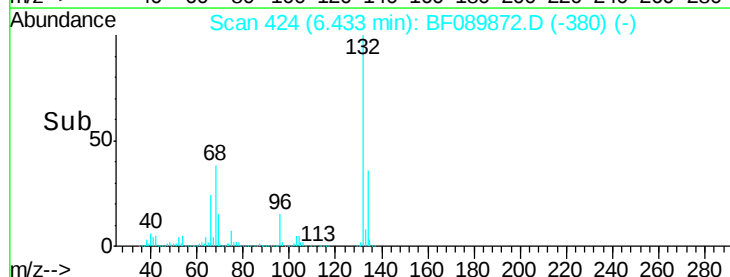
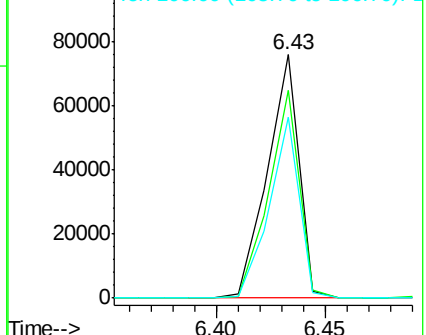
106 74.5 68.6 108.6

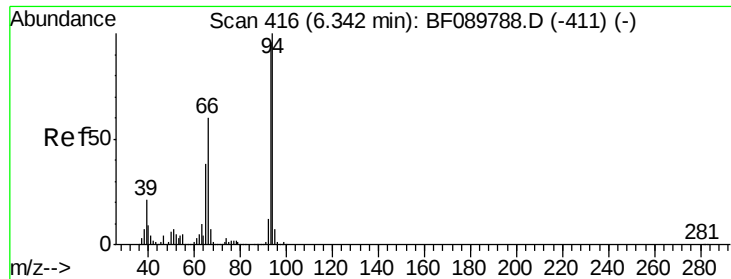


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.04 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089872.D

Acq: 24 Aug 2016 14:15

Instrument :

BNA_F

ClientSampleId :

AST-3

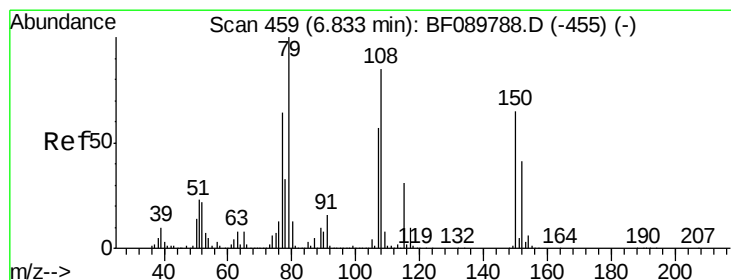
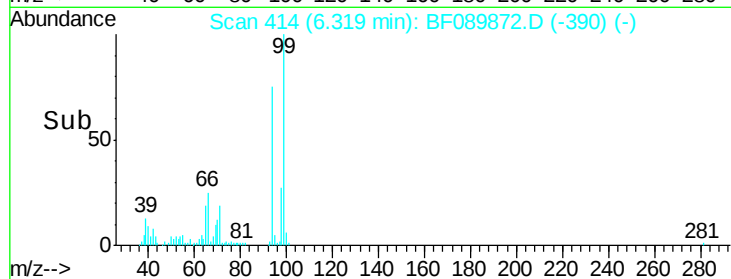
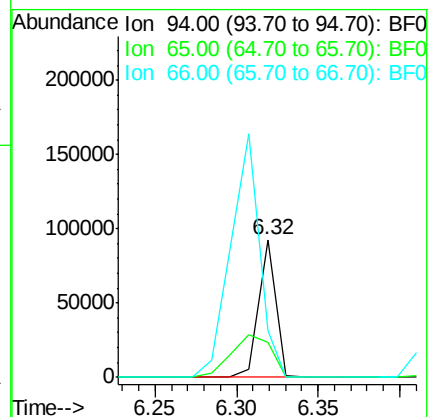
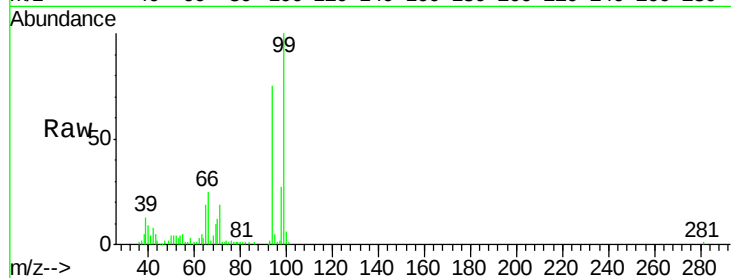
Tgt Ion: 94 Resp: 68566

Ion Ratio Lower Upper

94 100

65 25.0 14.0 54.0

66 33.6 31.2 71.2



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089872.D

Acq: 24 Aug 2016 14:15

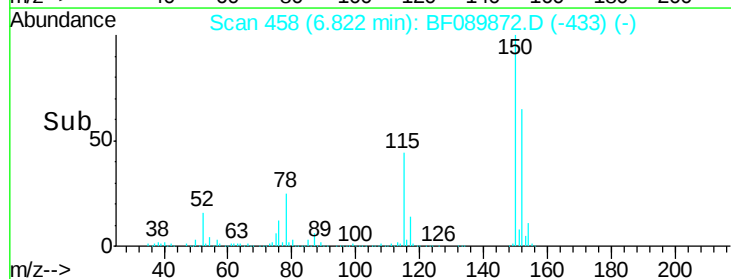
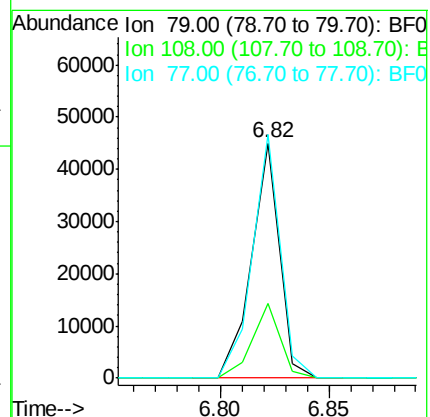
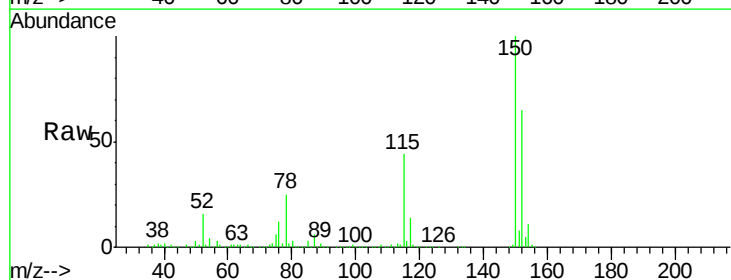
Tgt Ion: 79 Resp: 40242

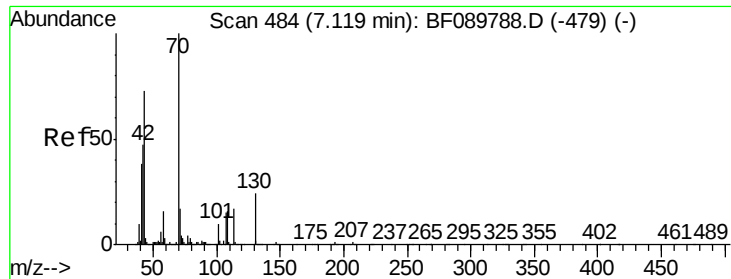
Ion Ratio Lower Upper

79 100

108 31.6 62.5 93.7#

77 103.6 51.5 77.3#

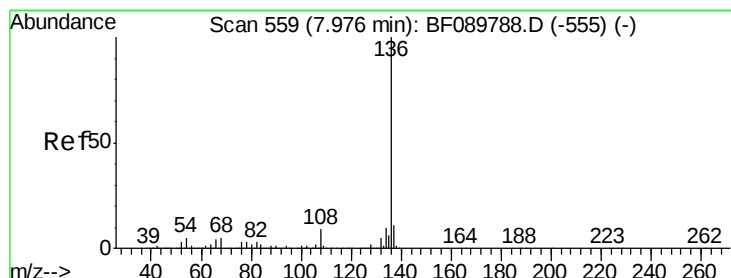
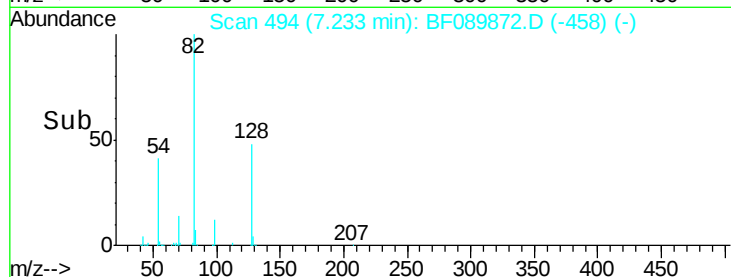
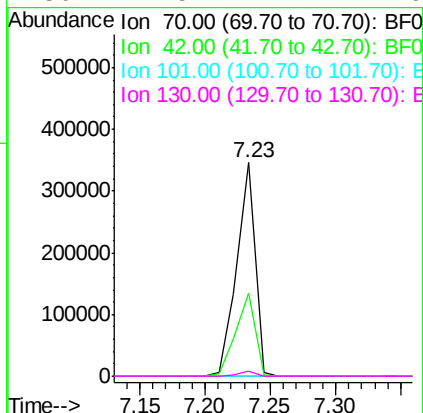
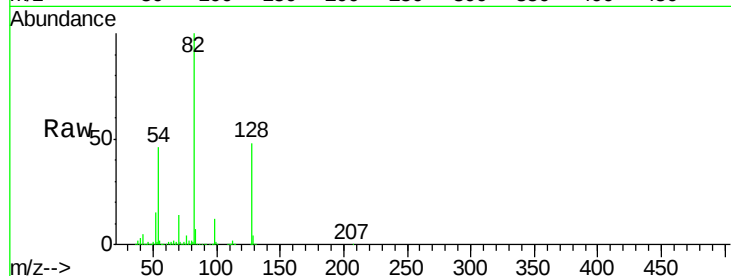




#19
n-Nitroso-di-n-propylamine
Concen: 18.56 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089872.D
Acq: 24 Aug 2016 14:15

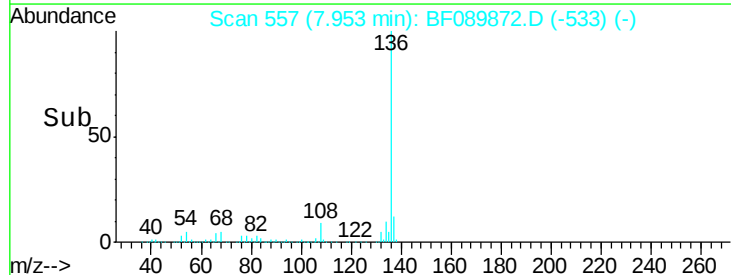
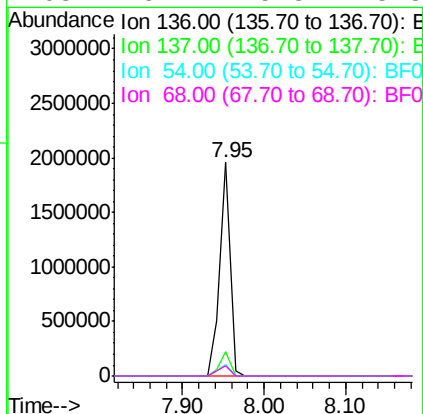
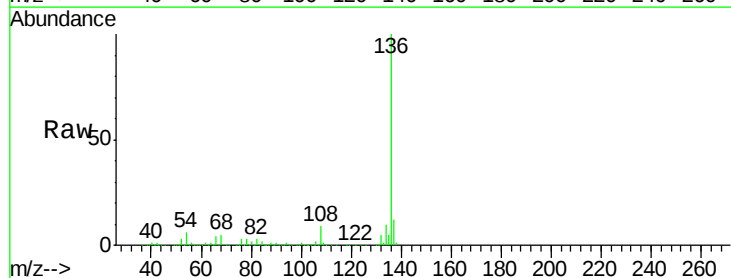
Instrument :
BNA_F
ClientSampleId :
AST-3

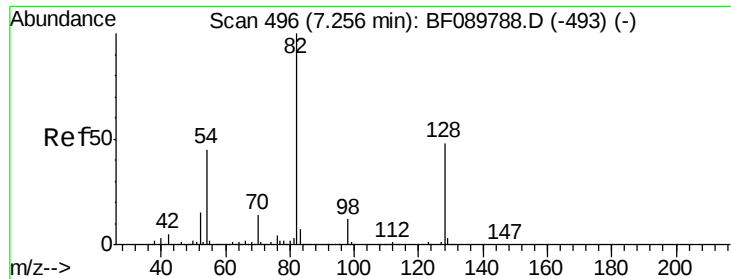
Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.1	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089872.D
Acq: 24 Aug 2016 14:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.5	7.2	10.8#
68	5.1	5.8	8.8#

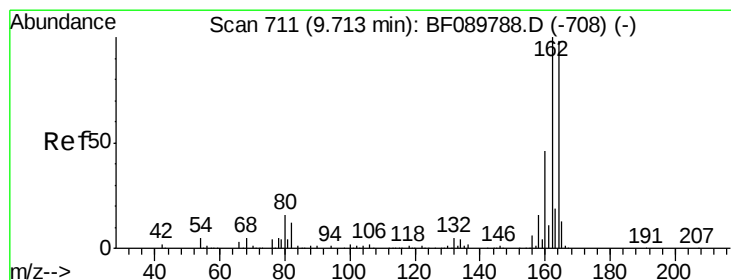
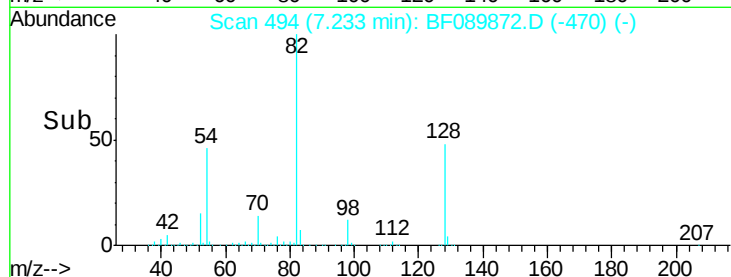
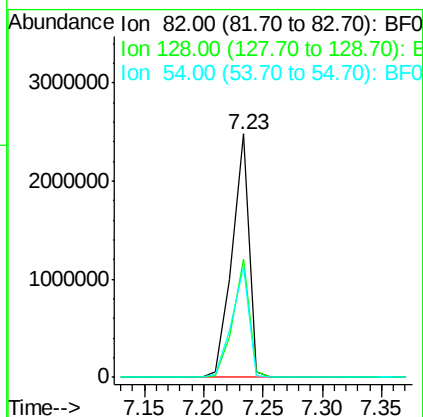
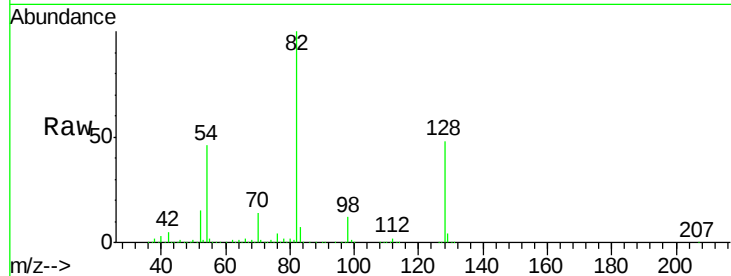




#23
 Nitrobenzene-d5
 Concen: 88.47 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089872.D
 Acq: 24 Aug 2016 14:15

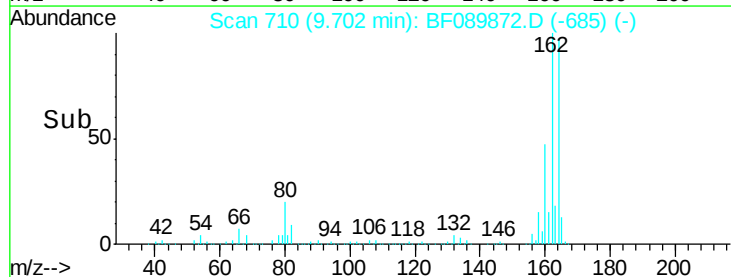
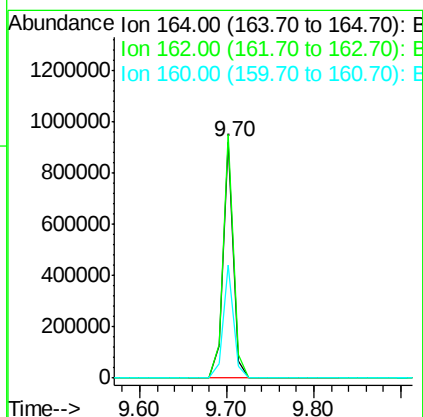
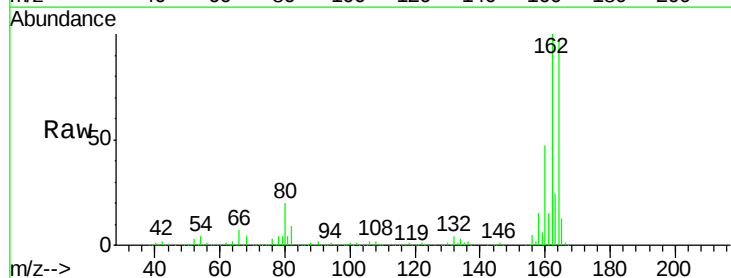
Instrument :
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 ClientSampleId :
 AST-3

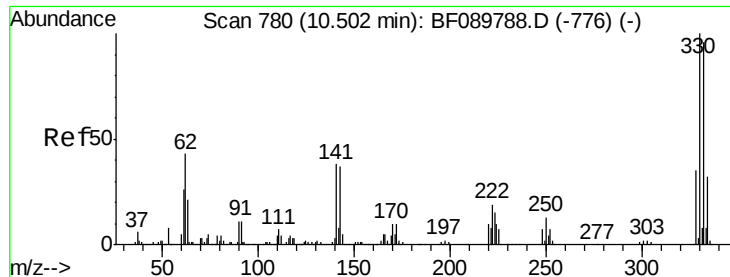
Tgt Ion: 82 Resp: 2467963
 Ion Ratio Lower Upper
 82 100
 128 48.4 34.4 51.6
 54 45.6 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089872.D
 Acq: 24 Aug 2016 14:15

Tgt Ion: 164 Resp: 768516
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.4 122.2
 160 47.9 37.8 56.6

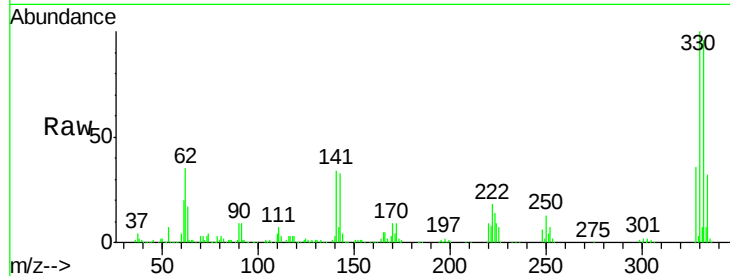




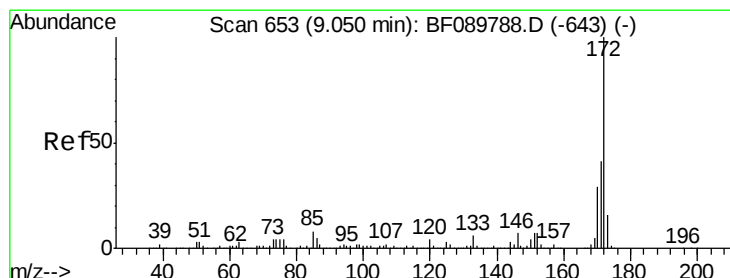
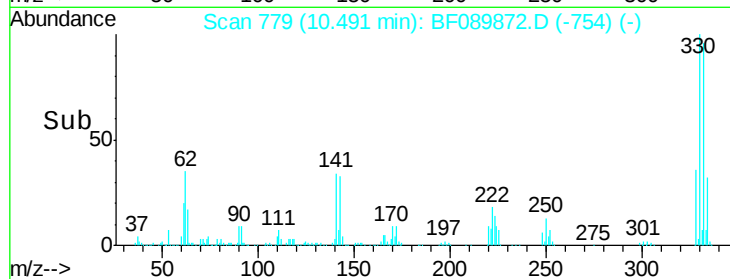
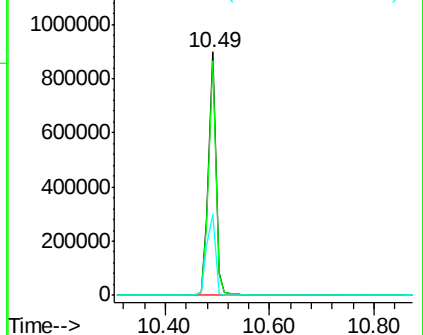
#41
 2,4,6-Tribromophenol
 Concen: 122.13 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089872.D
 Acq: 24 Aug 2016 14:15

Instrument :
 BNA_F
 ClientSampleId :
 AST-3

Tgt Ion:330 Resp: 891956
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 39.7 30.2 45.2

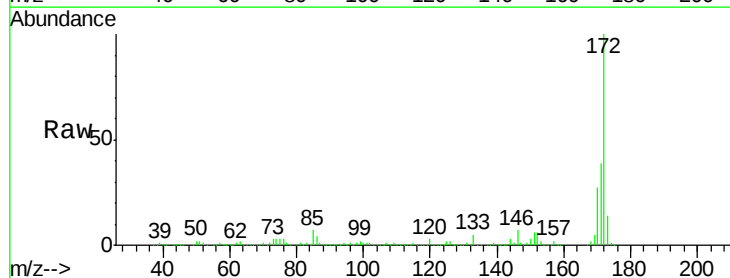


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

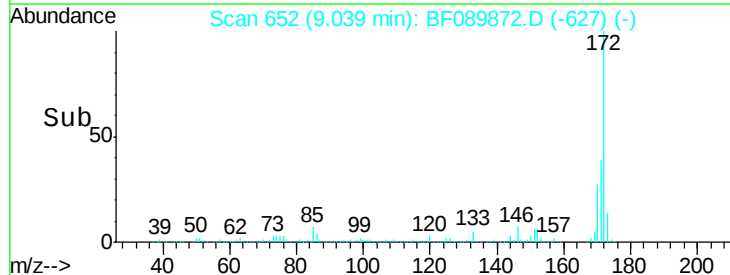
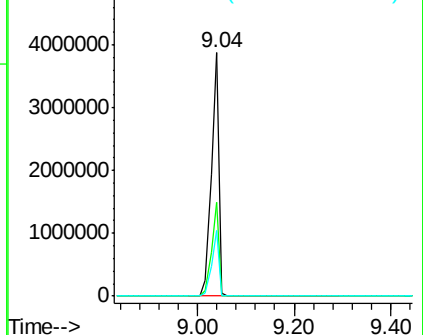


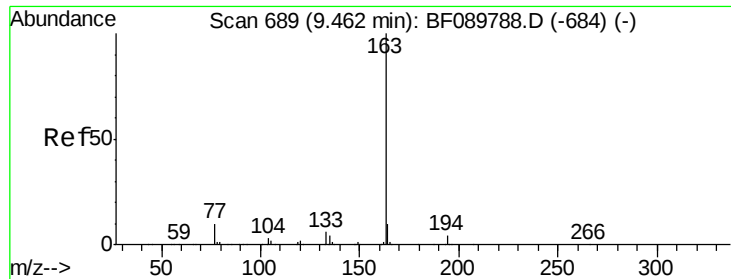
#44
 2-Fluorobiphenyl
 Concen: 96.39 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089872.D
 Acq: 24 Aug 2016 14:15

Tgt Ion:172 Resp: 4214928
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.5 45.7
 170 27.1 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: 18.54 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089872.D

Acq: 24 Aug 2016 14:15

Instrument :

BNA_F

ClientSampleId :

AST-3

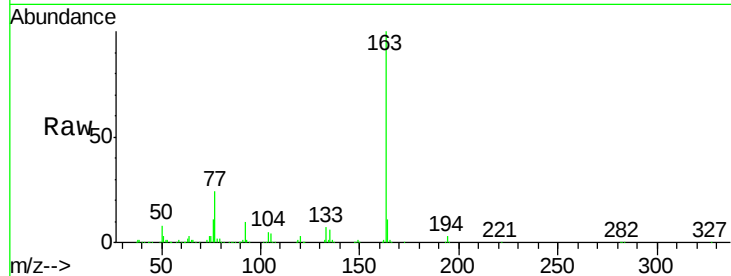
Tgt Ion:163 Resp: 1003386

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

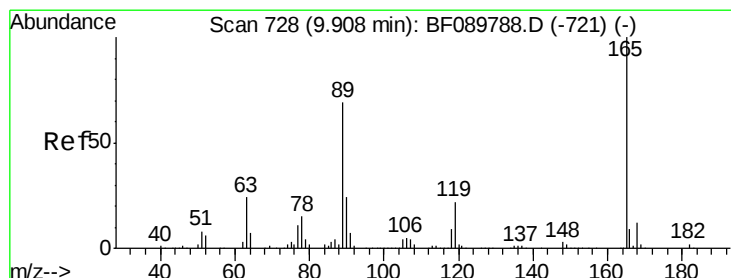
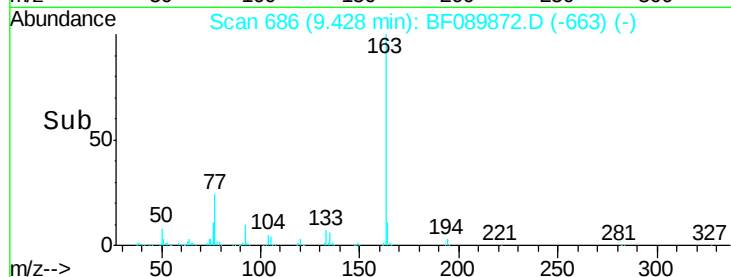
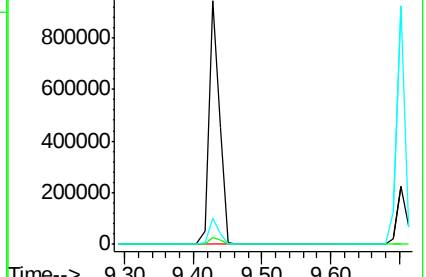
164 10.7 8.6 12.8



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: 6.27 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.20 min

Lab File: BF089872.D

Acq: 24 Aug 2016 14:15

Tgt Ion:165 Resp: 101560

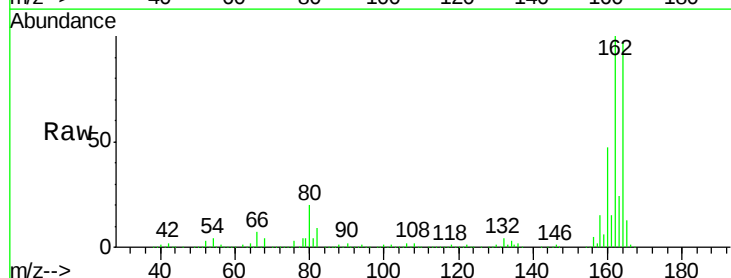
Ion Ratio Lower Upper

165 100

63 0.9 23.7 35.5#

89 1.1 44.0 66.0#

182 0.0 2.0 3.0#

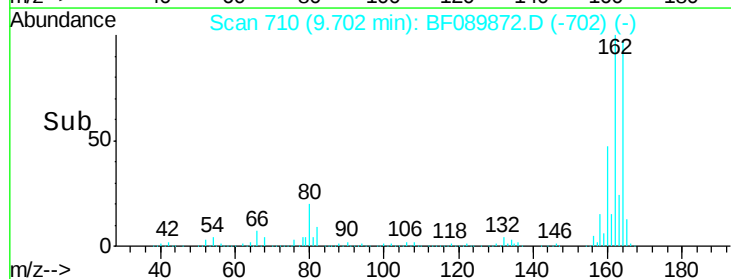
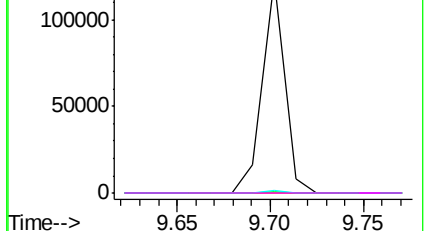


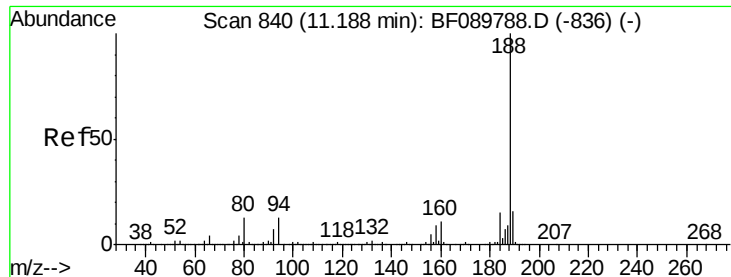
Abundance Ion 165.00 (164.70 to 165.70): E

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

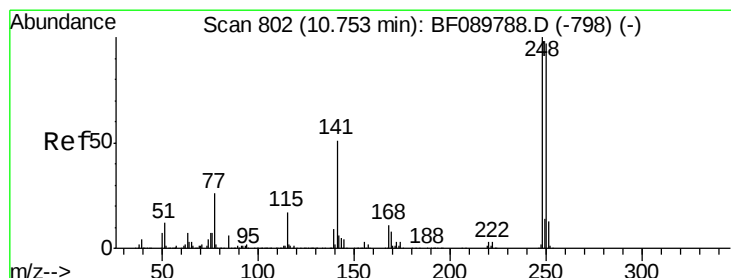
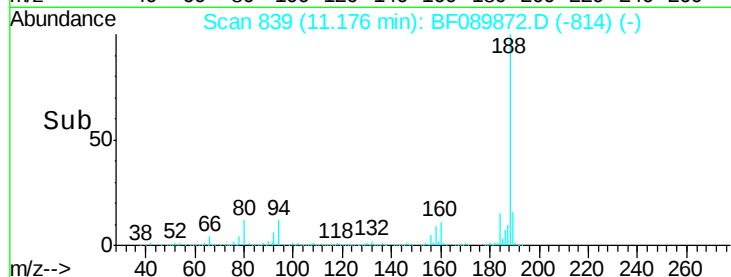
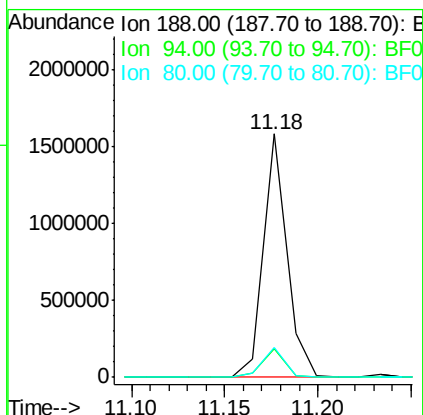
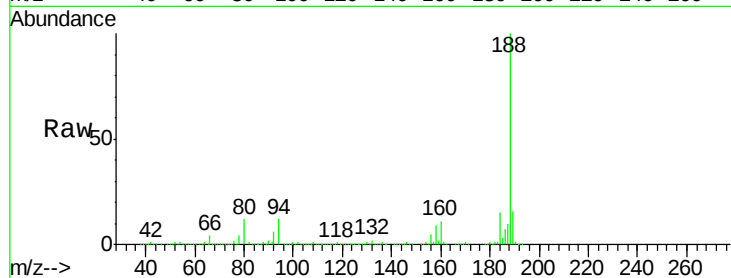




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089872.D
Acq: 24 Aug 2016 14:15

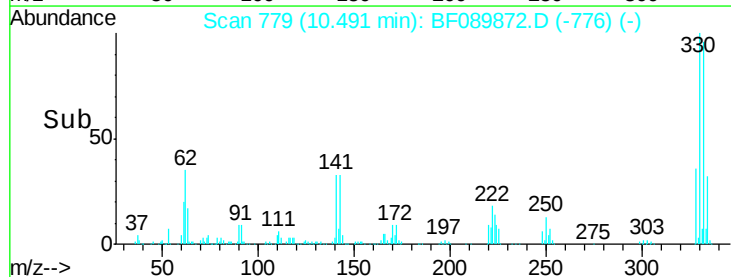
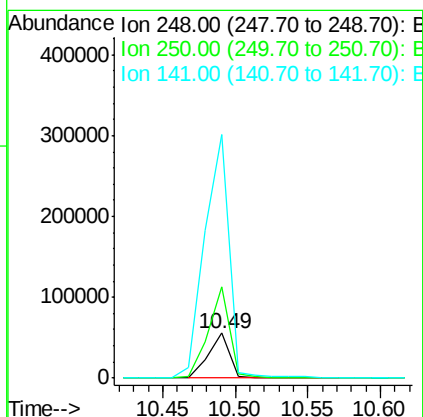
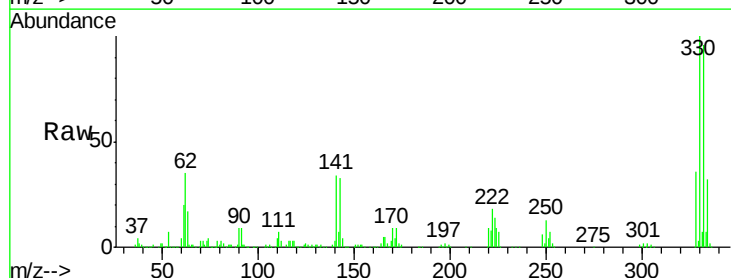
Instrument :
BNA_F
ClientSampled :
AST-3

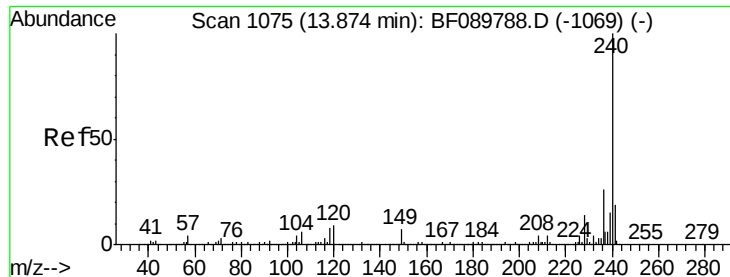
Tgt Ion:188 Resp: 1368289
Ion Ratio Lower Upper
188 100
94 11.8 10.2 15.2
80 12.3 10.9 16.3



#66
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.26 min
Lab File: BF089872.D
Acq: 24 Aug 2016 14:15

Tgt Ion:248 Resp: 56307
Ion Ratio Lower Upper
248 100
250 205.1 78.6 117.8#
141 545.3 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: BF089872.D

Acq: 24 Aug 2016 14:15

Instrument :

BNA_F

ClientSampleId :

AST-3

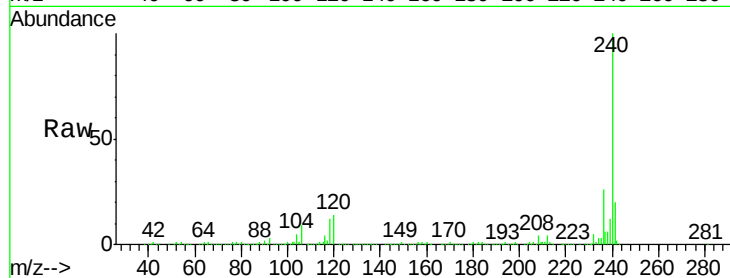
Tgt Ion:240 Resp: 1132280

Ion Ratio Lower Upper

240 100

120 14.1 8.3 12.5#

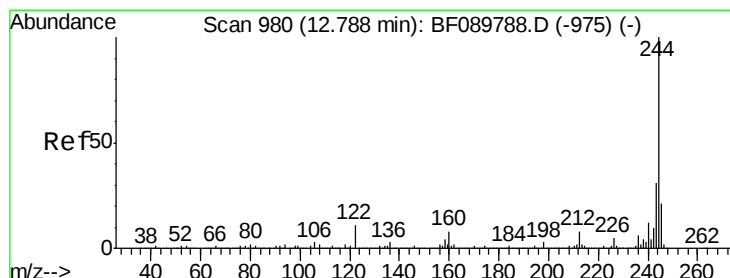
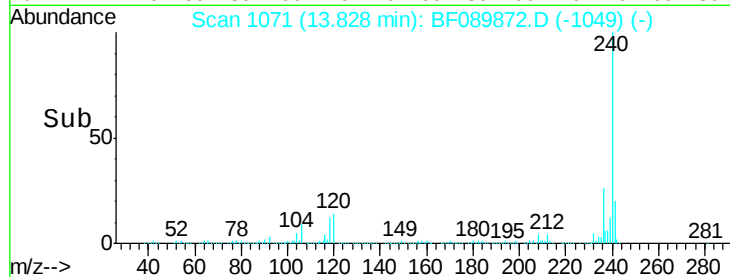
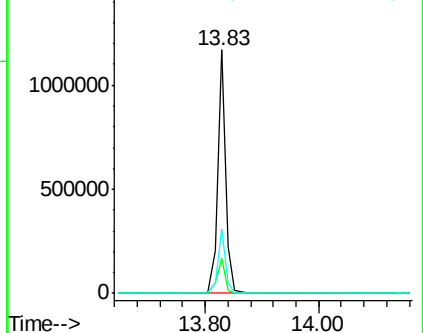
236 26.2 21.3 31.9



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: 71.17 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089872.D

Acq: 24 Aug 2016 14:15

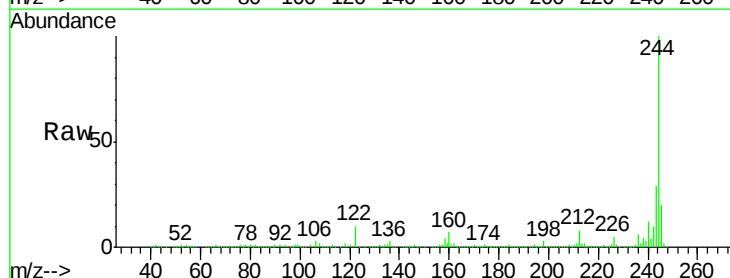
Tgt Ion:244 Resp: 3562197

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

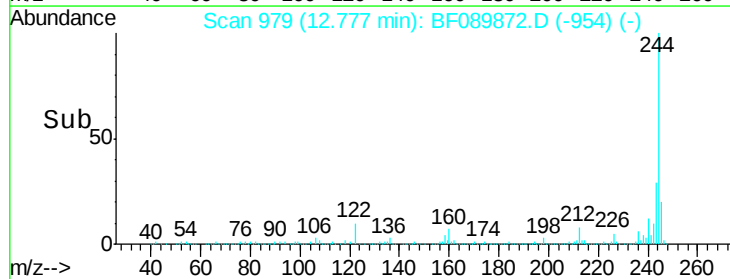
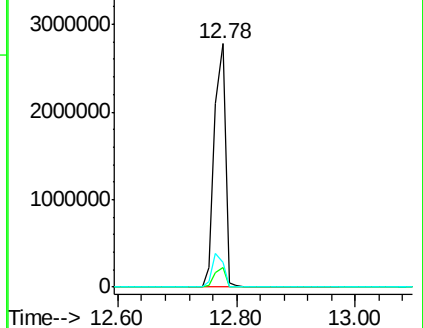
122 10.3 12.0 18.0#

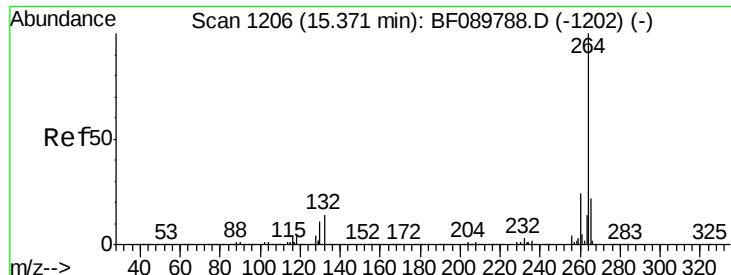


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089872.D
Acq: 24 Aug 2016 14:15

Instrument :
BNA_F
ClientSampleId :
AST-3

Tgt Ion:	264	Resp:	920811
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	21.8	17.4	26.2

