

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089874.D
 Acq On : 24 Aug 2016 15:08
 Operator : UM/SJ
 Sample : H4551-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-5

Quant Time: Aug 25 12:17:25 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

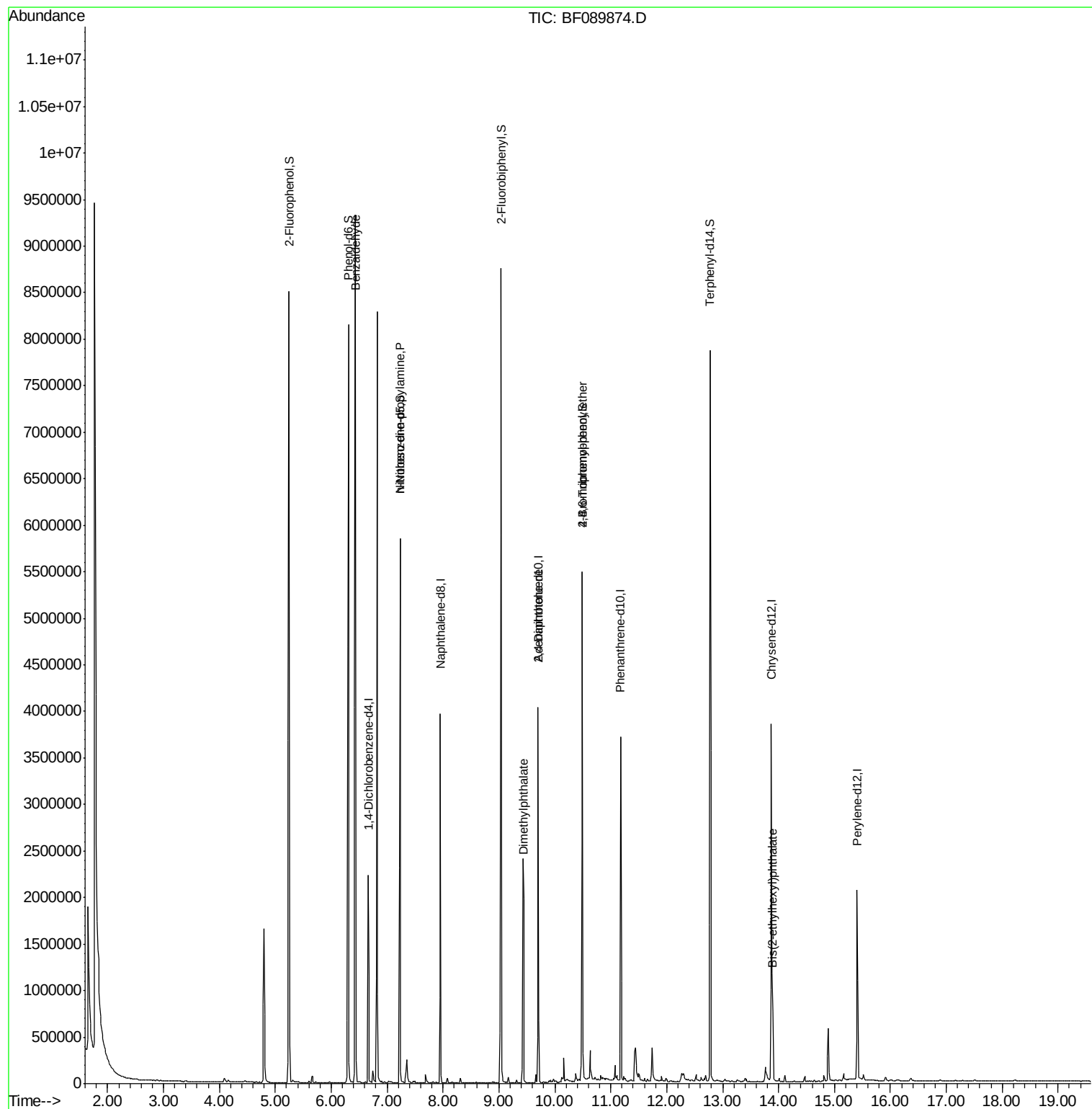
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	399100	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1764209	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	779627	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1387654	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	1175743	20.00	ng	0.00
86) Perylene-d12	15.41	264	928350	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2678361	115.09	ng	-0.01
7) Phenol-d6	6.31	99	3592646	125.76	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2049930	72.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	769150	103.81	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3640069	82.06	ng	-0.01
78) Terphenyl-d14	12.78	244	2982765	57.39	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	62613	3.36	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.23	70	278994	15.27	ng	# 72
49) Dimethylphthalate	9.44	163	1553916	28.31	ng	# 98
56) 2,4-Dinitrotoluene	9.70	165	102193	6.21	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	47415	3.26	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.90	149	598200	10.04	ng	# 95

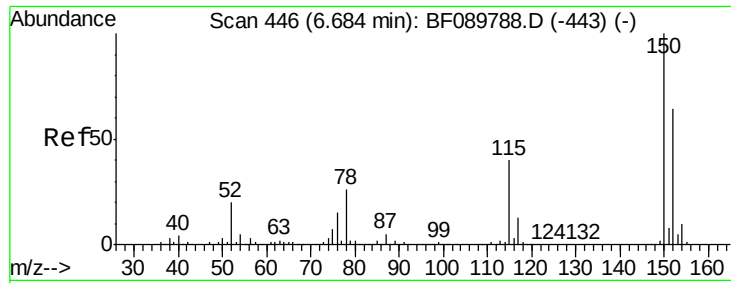
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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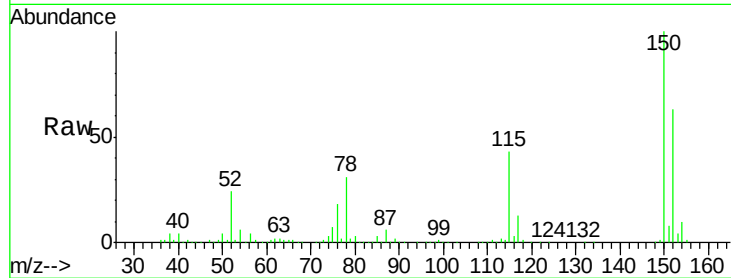




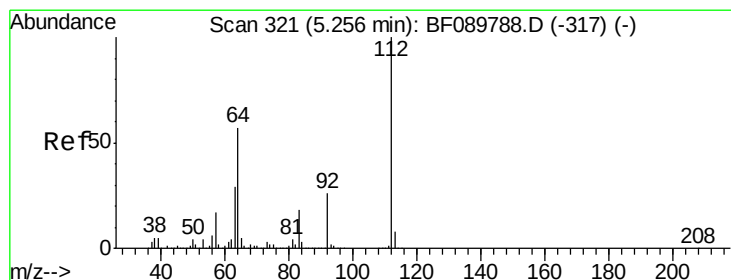
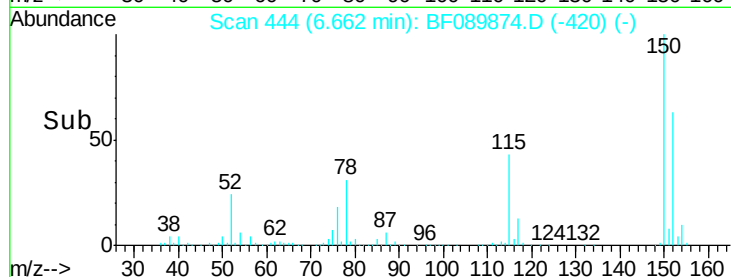
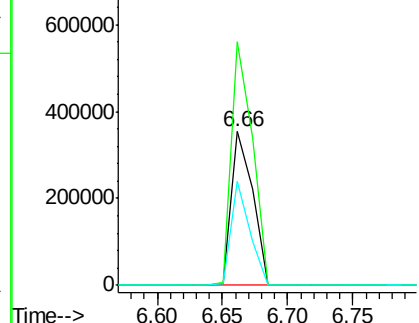
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Instrument :
 BNA_F
 ClientSampleId :
 AST-5

Tgt Ion:152 Resp: 399100
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.3 187.9
 115 67.8 40.9 61.3#

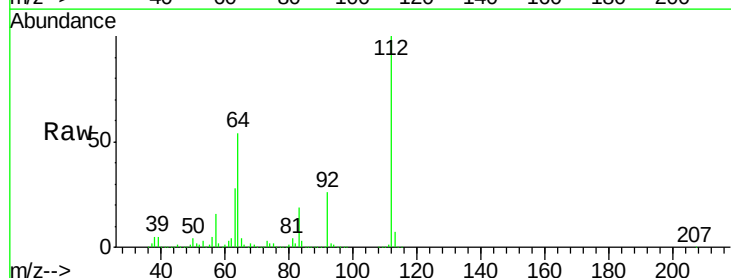


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

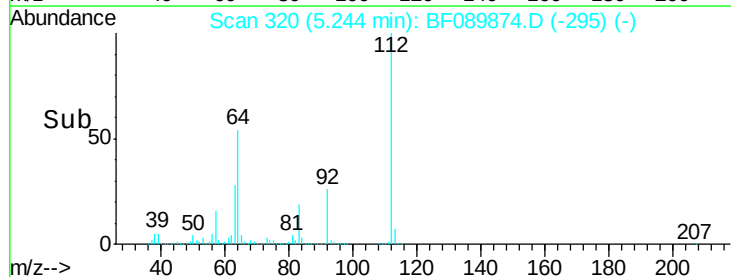
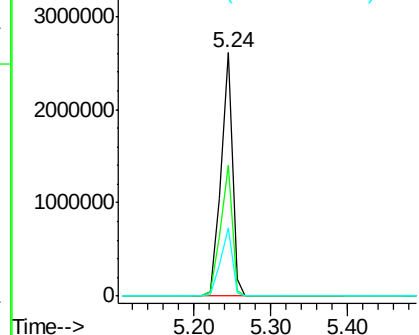


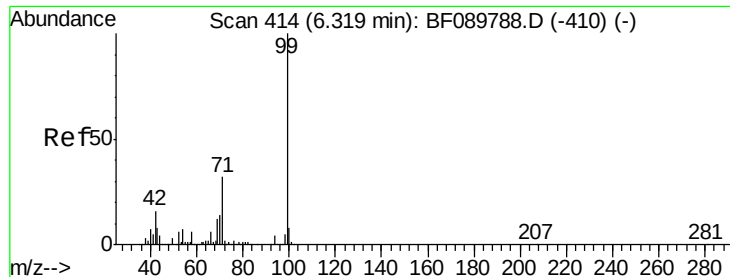
#5
 2-Fluorophenol
 Concen: 115.09 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Tgt Ion:112 Resp: 2678361
 Ion Ratio Lower Upper
 112 100
 64 53.7 45.0 67.4
 63 28.0 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: 125.76 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

Instrument :

BNA_F

ClientSampleId :

AST-5

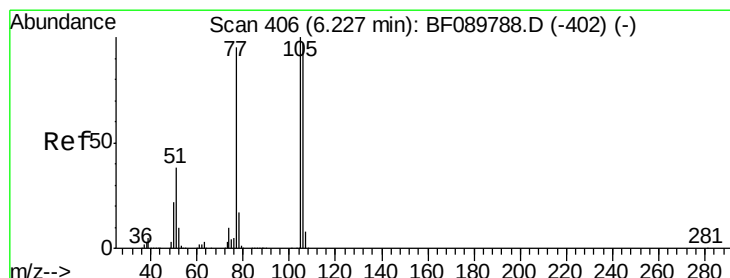
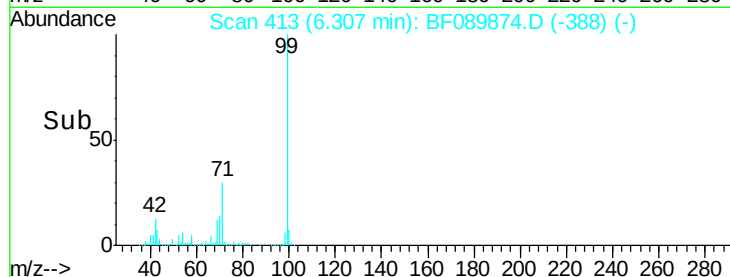
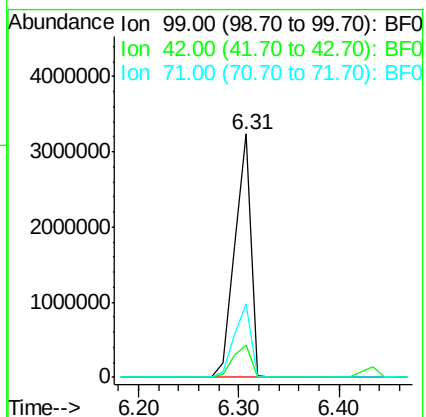
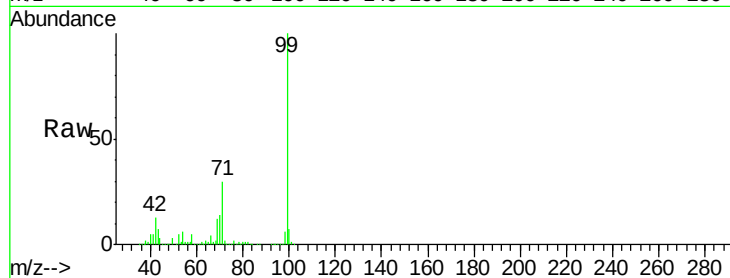
Tgt Ion: 99 Resp: 3592646

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.4

71 30.2 23.8 35.8



#9

Benzaldehyde

Concen: 3.36 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

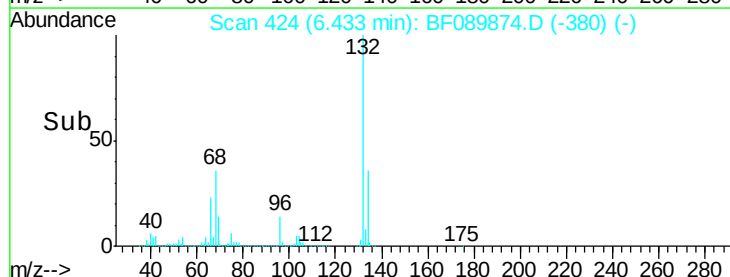
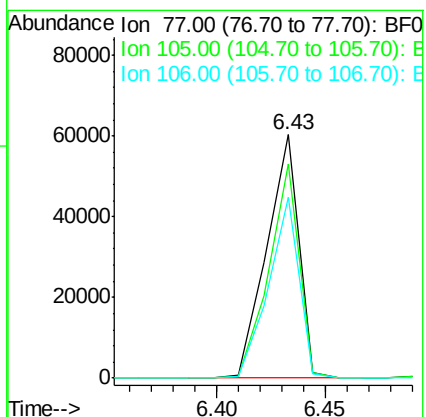
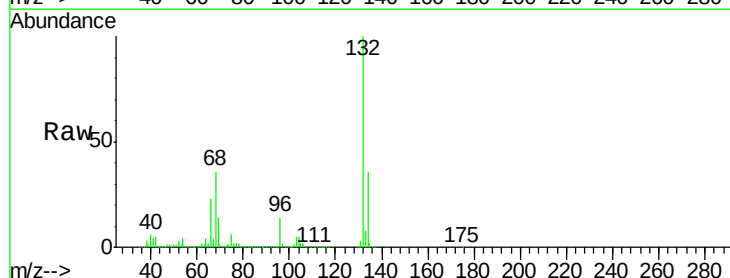
Tgt Ion: 77 Resp: 62613

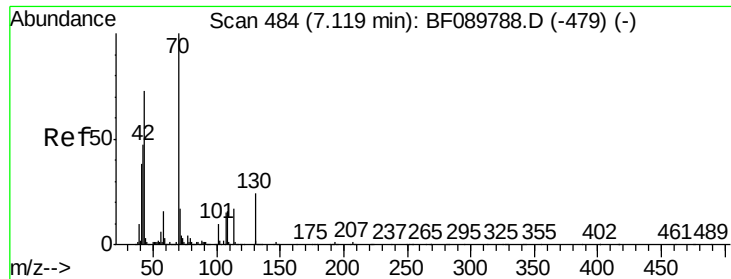
Ion Ratio Lower Upper

77 100

105 88.0 73.3 113.3

106 74.5 68.6 108.6

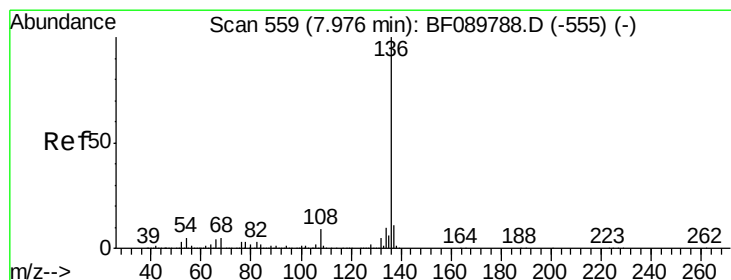
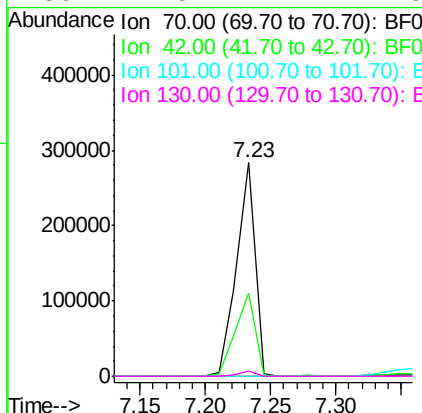
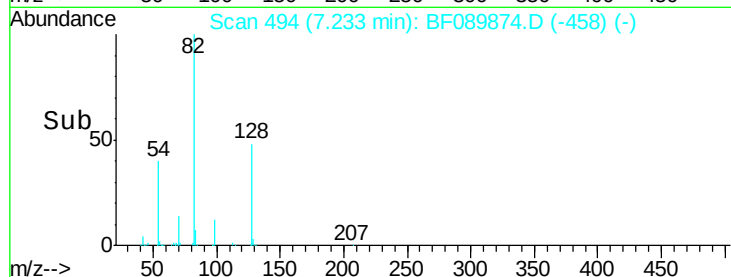
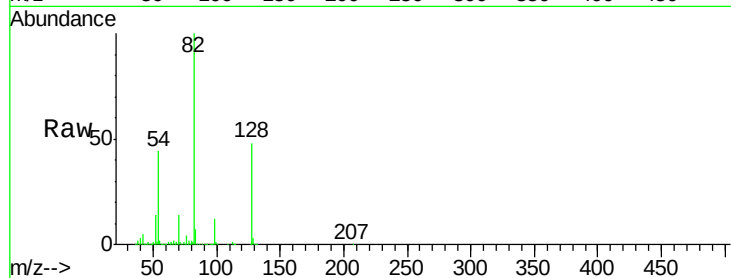




#19
n-Nitroso-di-n-propylamine
Concen: 15.27 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

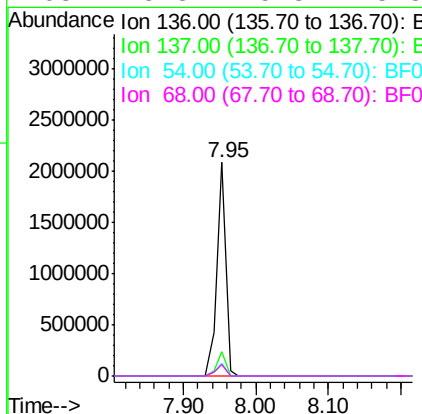
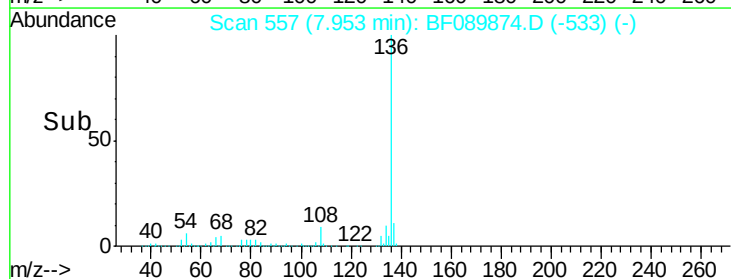
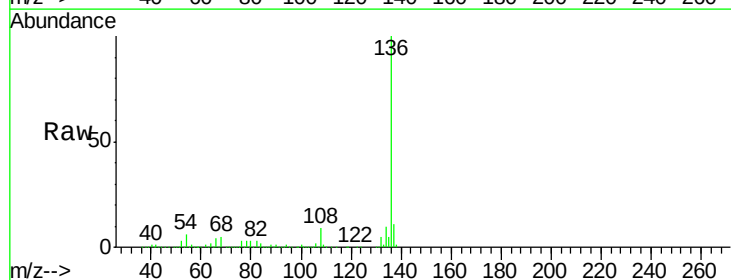
Instrument :
BNA_F
ClientSampleId :
AST-5

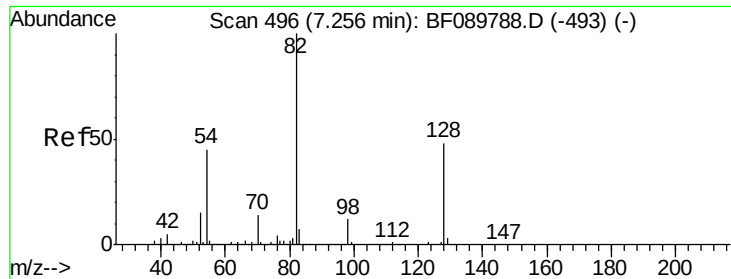
Tgt Ion: 70 Resp: 278994
Ion Ratio Lower Upper
70 100
42 38.8 46.3 69.5#
101 0.0 7.0 10.6#
130 2.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Tgt Ion: 136 Resp: 1764209
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 5.7 7.2 10.8#
68 5.3 5.8 8.8#

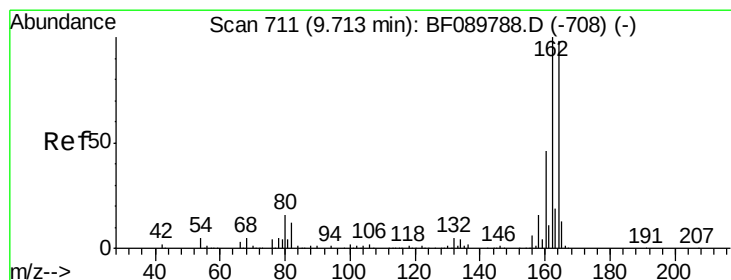
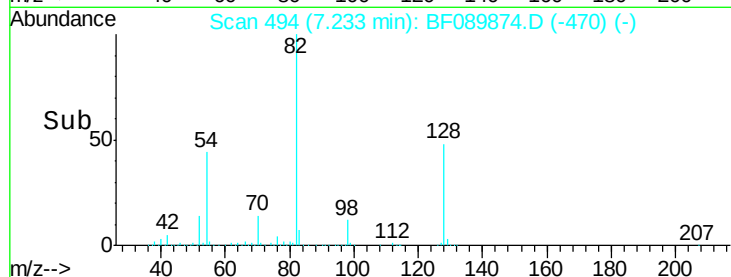
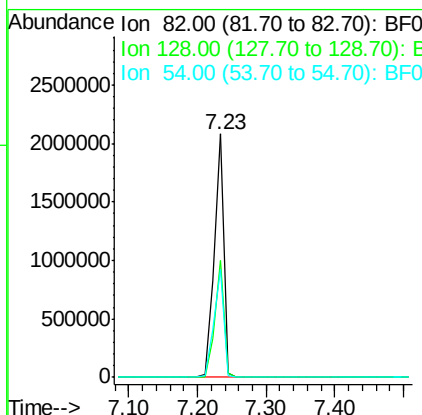
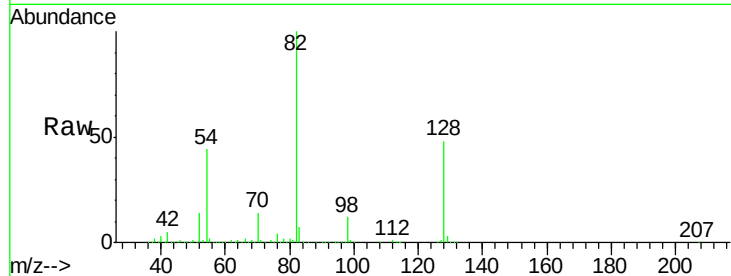




#23
 Nitrobenzene-d5
 Concen: 72.19 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

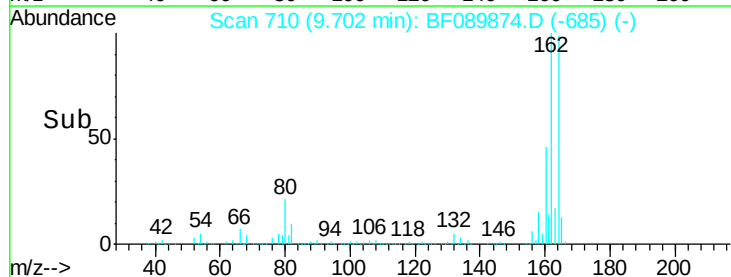
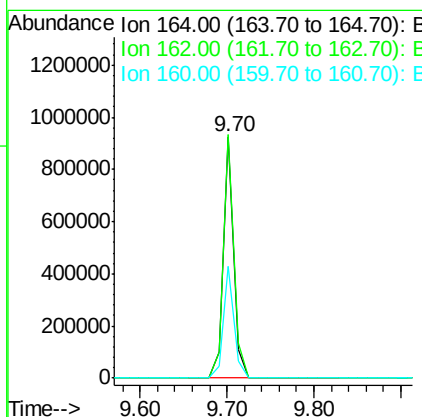
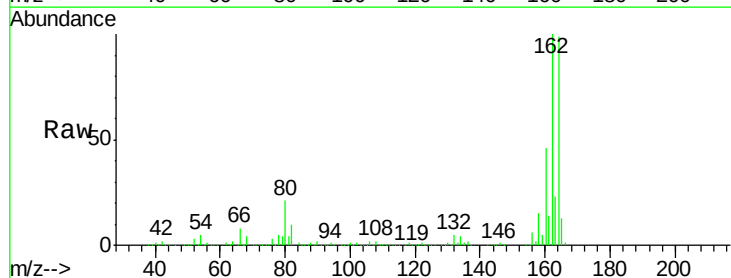
Instrument :
 BNA_F
 ClientSampleId :
 AST-5

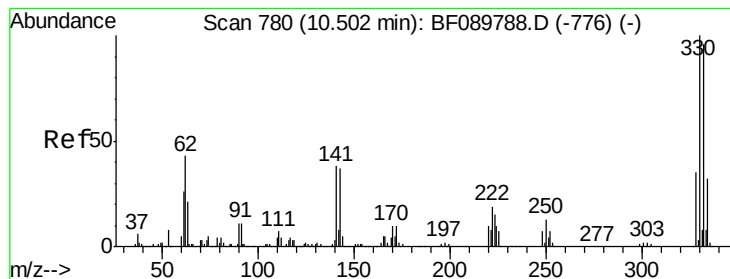
Tgt Ion: 82 Resp: 2049930
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.4 51.6
 54 44.2 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Tgt Ion: 164 Resp: 779627
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.4 122.2
 160 46.3 37.8 56.6

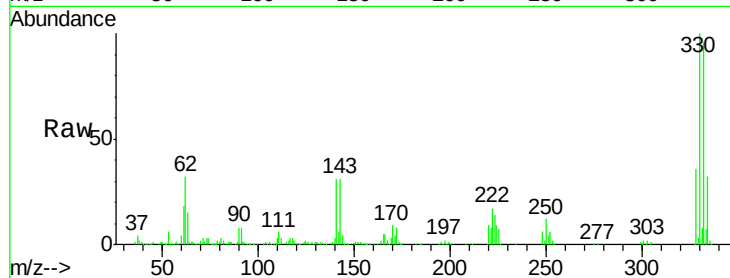




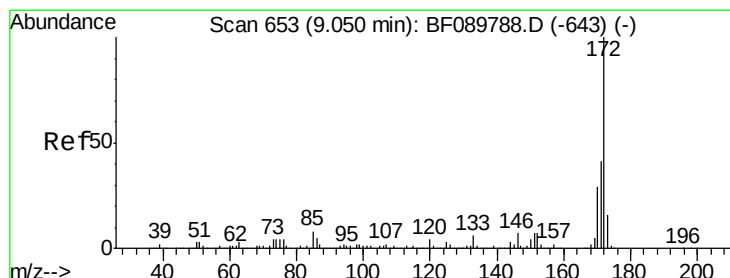
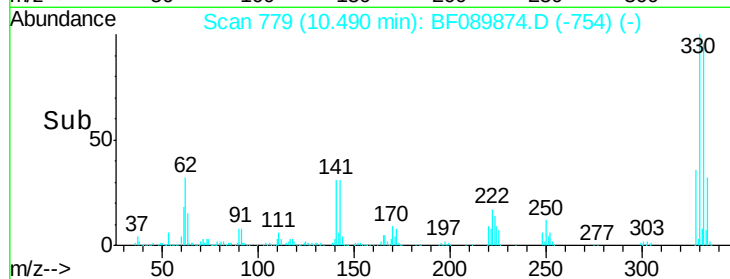
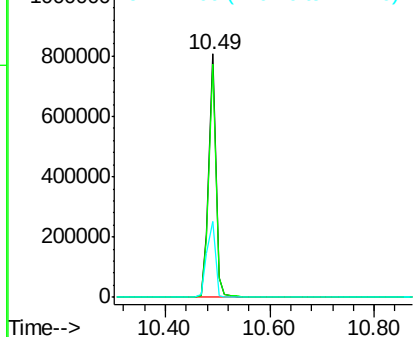
#41
 2,4,6-Tribromophenol
 Concen: 103.81 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Instrument :
 BNA_F
 ClientSampled :
 AST-5

Tgt Ion:330 Resp: 769150
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 37.8 30.2 45.2

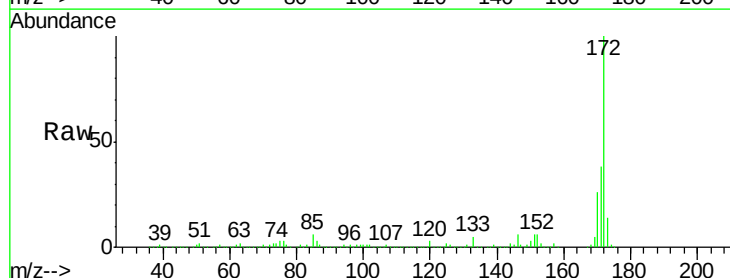


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

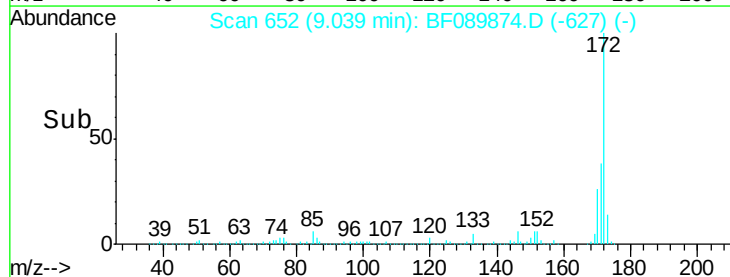
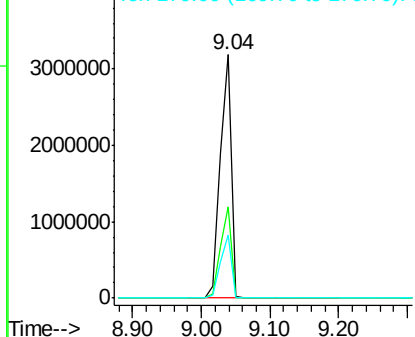


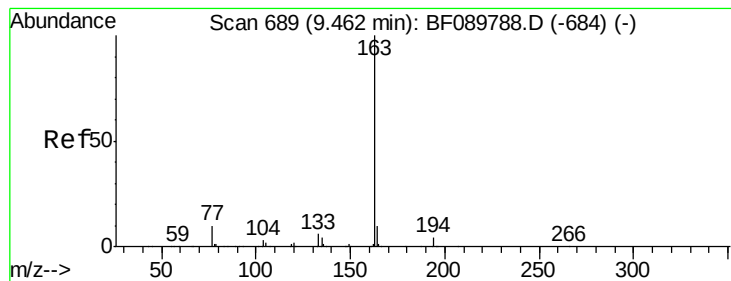
#44
 2-Fluorobiphenyl
 Concen: 82.06 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Tgt Ion:172 Resp: 3640069
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 26.0 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: 28.31 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

Instrument :

BNA_F

ClientSampleId :

AST-5

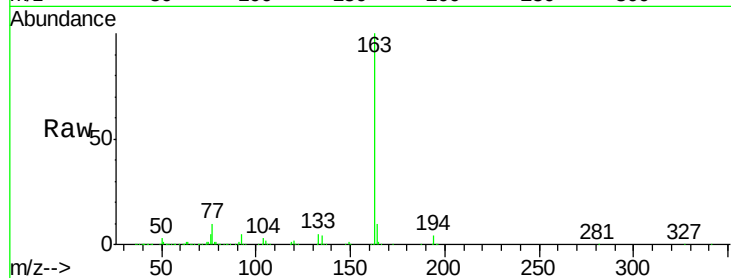
Tgt Ion:163 Resp: 1553916

Ion Ratio Lower Upper

163 100

194 4.0 2.6 3.8#

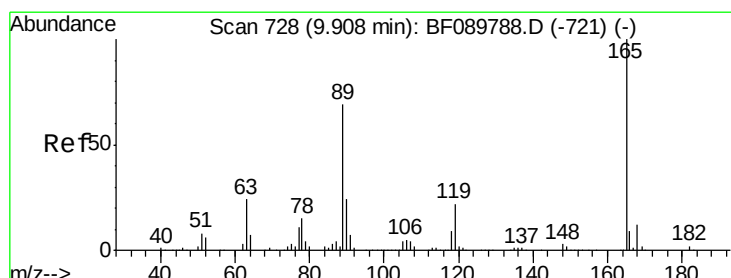
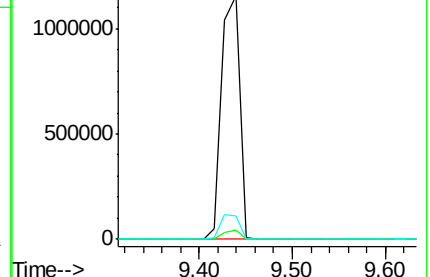
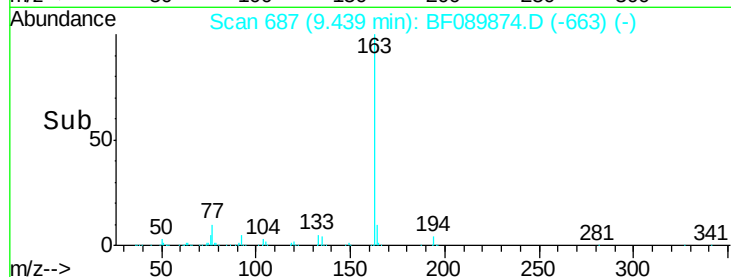
164 9.9 8.6 12.8



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: 6.21 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.21 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

Tgt Ion:165 Resp: 102193

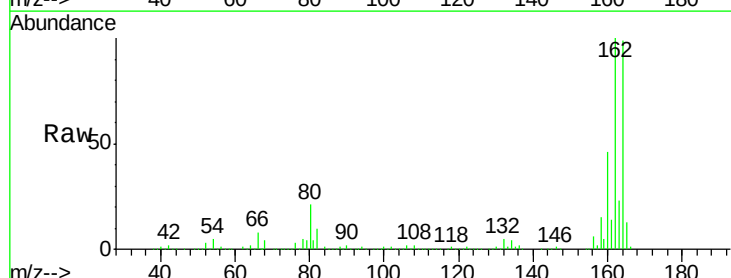
Ion Ratio Lower Upper

165 100

63 0.9 23.7 35.5#

89 1.1 44.0 66.0#

182 0.0 2.0 3.0#

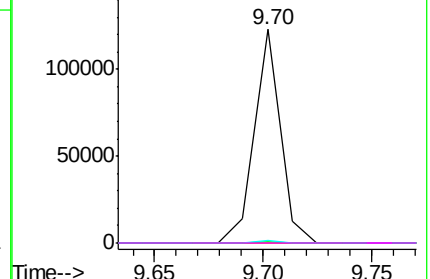
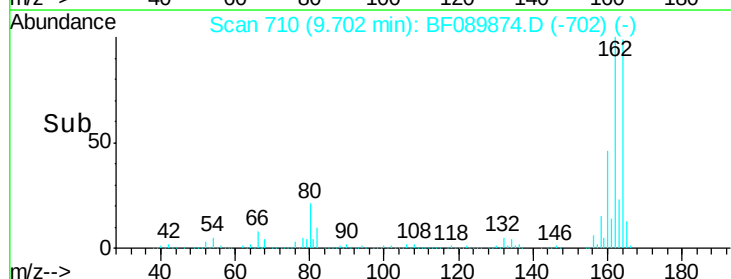


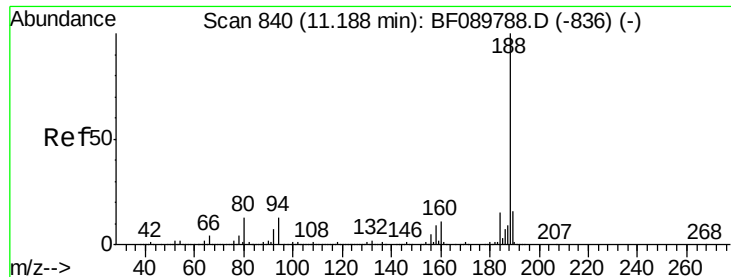
Abundance Ion 165.00 (164.70 to 165.70): E

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

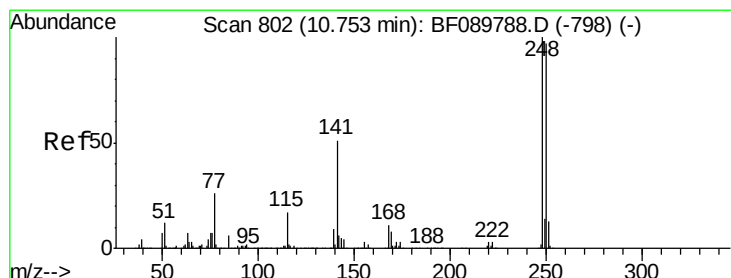
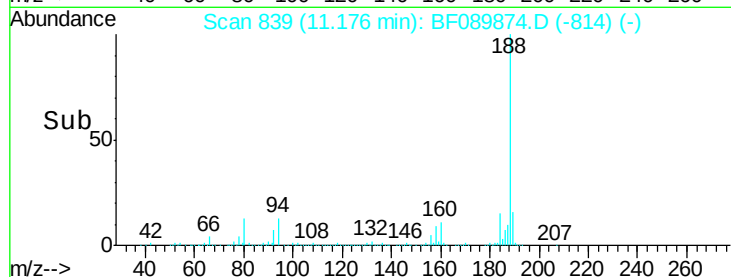
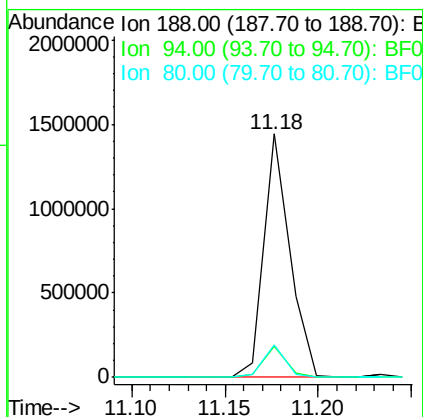
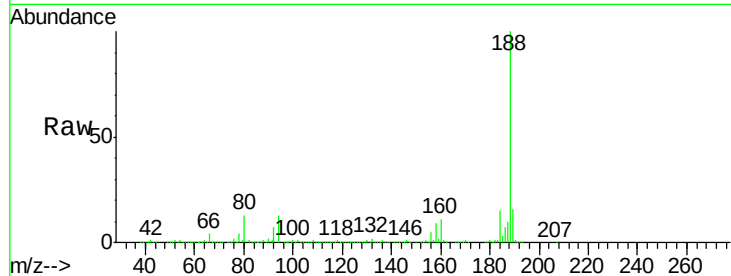




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

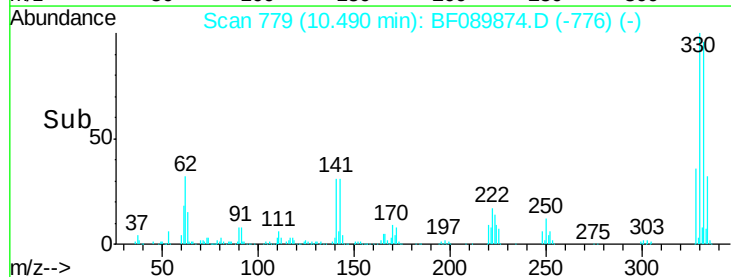
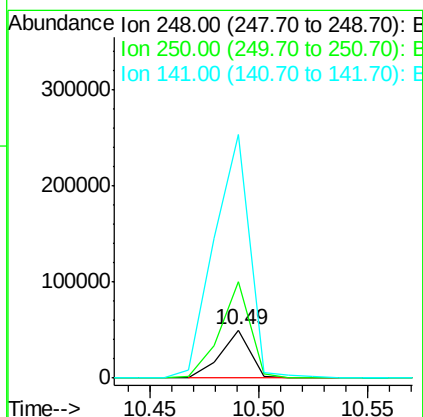
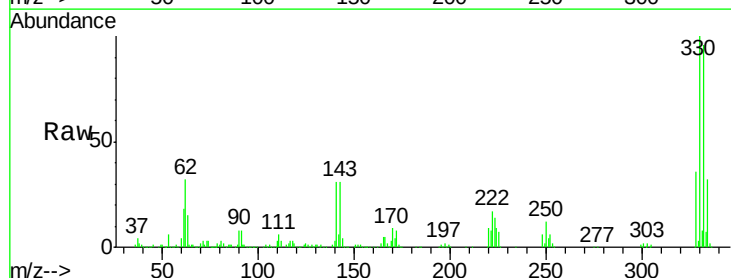
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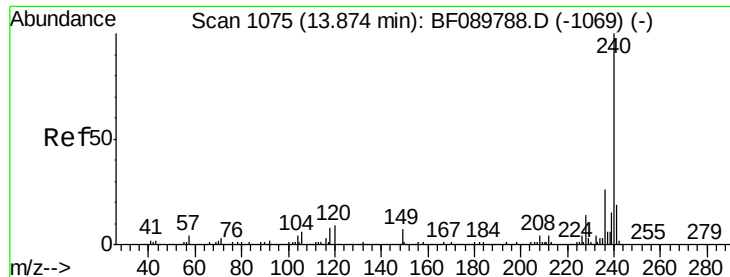
Tgt Ion:188 Resp: 1387654
Ion Ratio Lower Upper
188 100
94 12.6 10.2 15.2
80 13.1 10.9 16.3



#66
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.26 min
Lab File: BF089874.D
Acq: 24 Aug 2016 15:08

Tgt Ion:248 Resp: 47415
Ion Ratio Lower Upper
248 100
250 201.0 78.6 117.8#
141 507.8 31.4 47.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

Instrument :

BNA_F

ClientSampleId :

AST-5

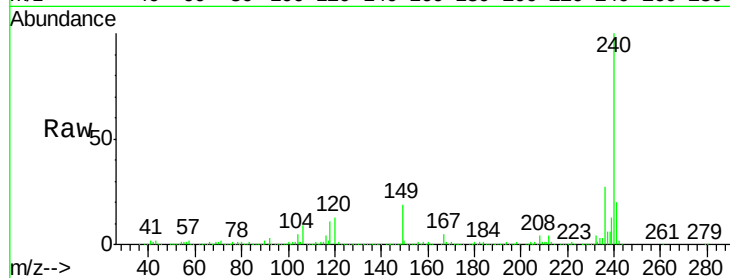
Tgt Ion:240 Resp: 1175743

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

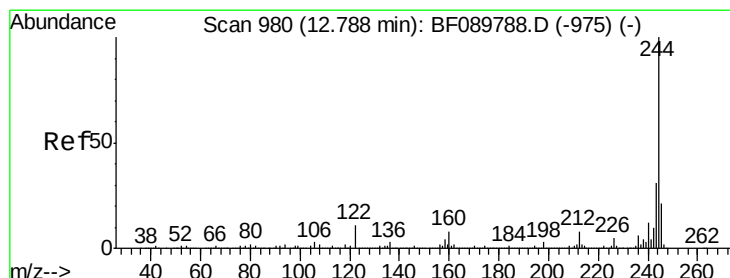
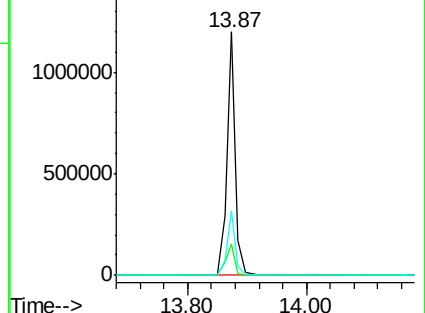
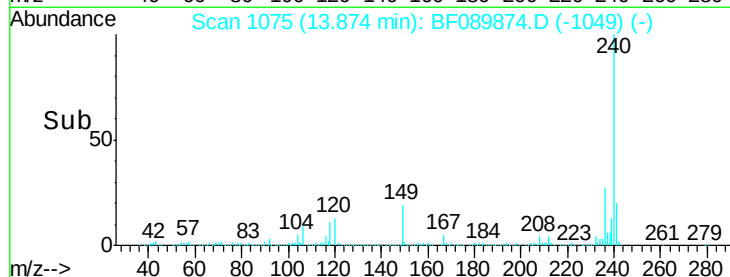
236 26.7 21.3 31.9



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: 57.39 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089874.D

Acq: 24 Aug 2016 15:08

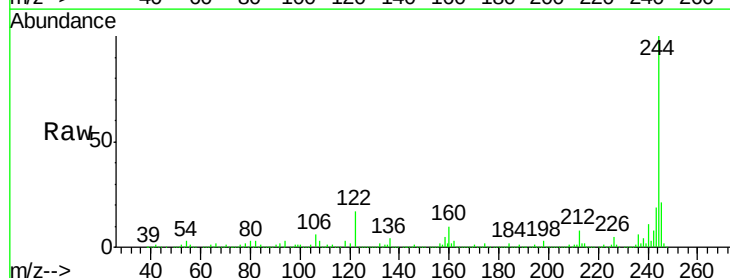
Tgt Ion:244 Resp: 2982765

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

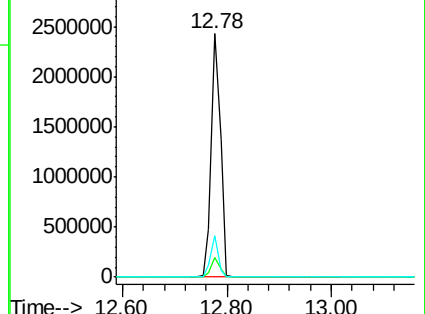
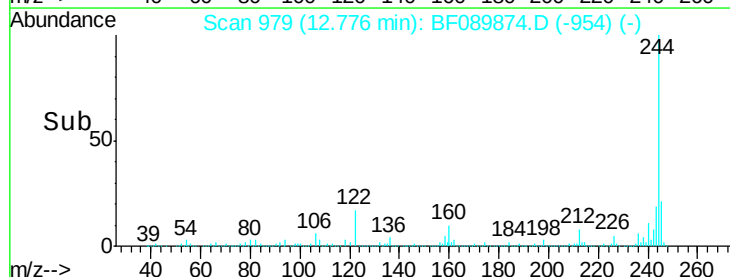
122 16.9 12.0 18.0

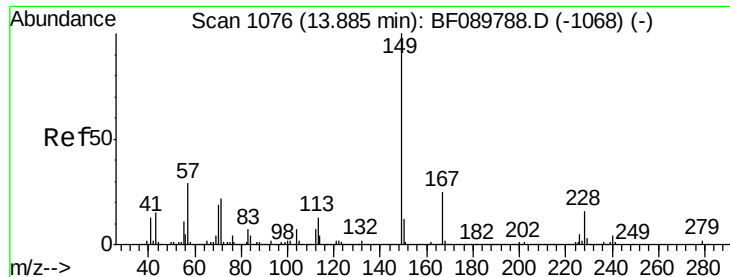


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

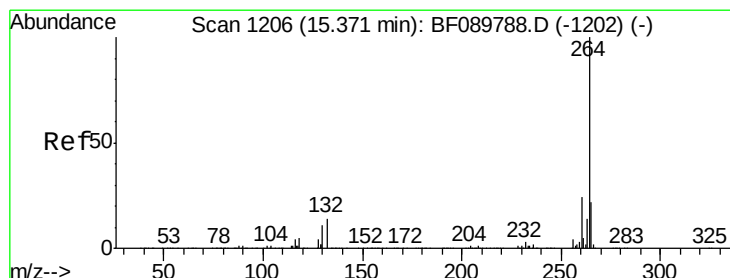
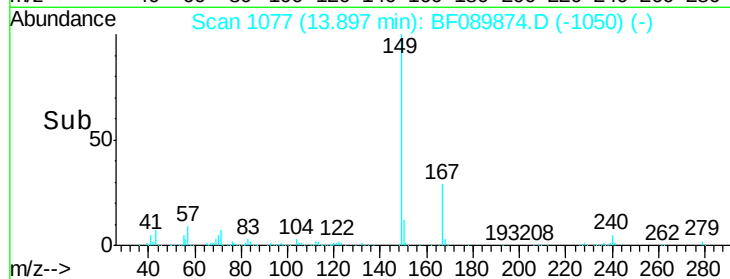
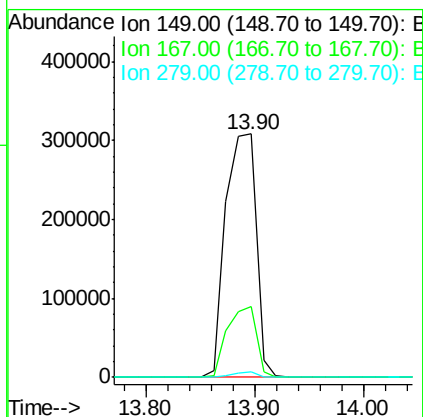
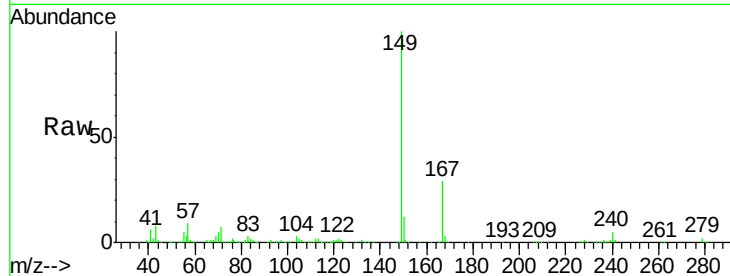




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.04 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Instrument :
 BNA_F
 ClientSampleId :
 AST-5

Tgt Ion:149 Resp: 598200
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.2 31.8
 279 2.5 2.9 4.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1209
 Delta R.T. 0.03 min
 Lab File: BF089874.D
 Acq: 24 Aug 2016 15:08

Tgt Ion:264 Resp: 928350
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.2
 265 22.0 17.4 26.2

