

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 13:40:09 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

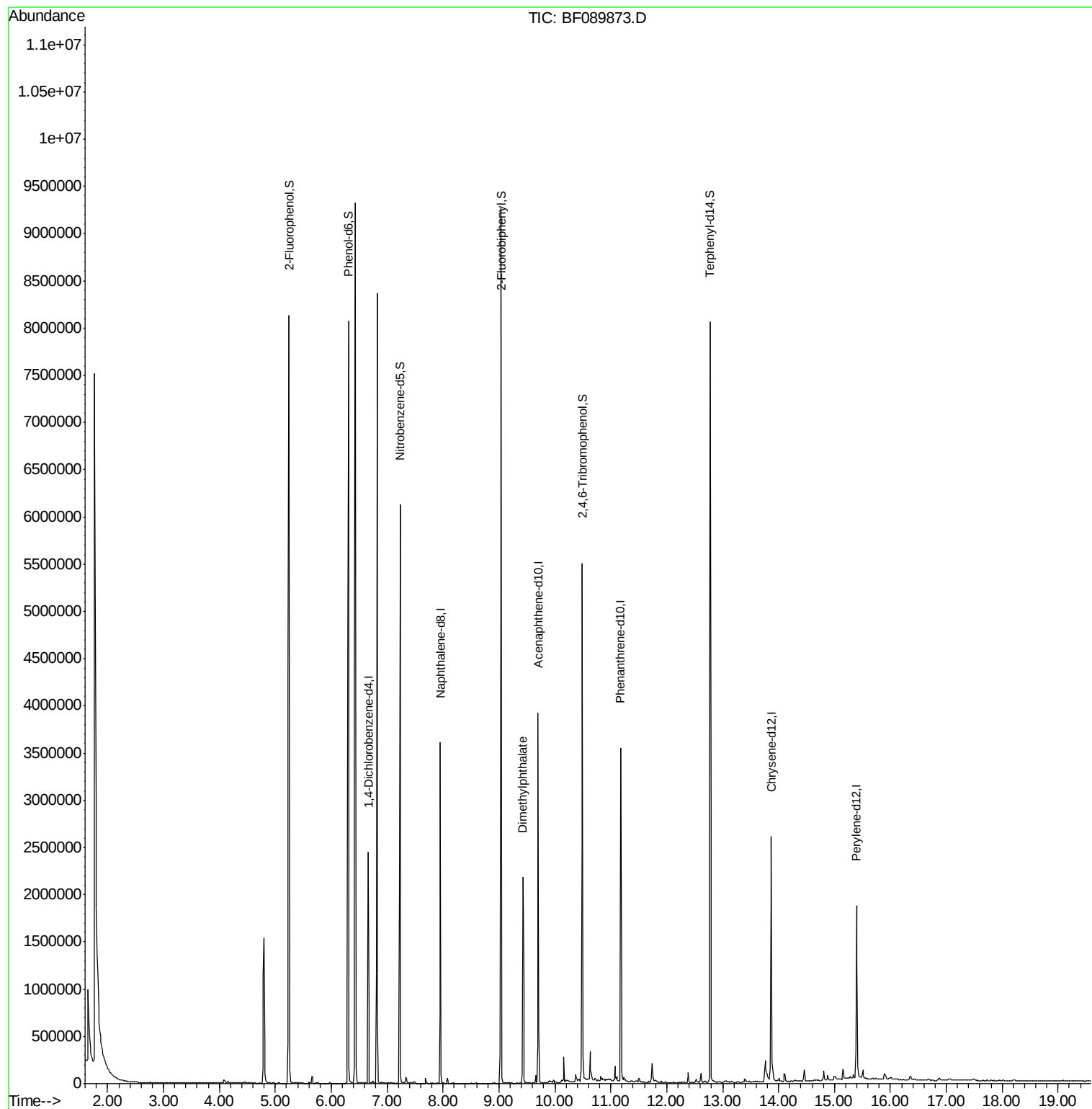
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	379571	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1593602	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	727982	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1312910	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	1164637	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						
49) Dimethylphthalate	9.43	163	1125056	21.95	ng	Qvalue 99

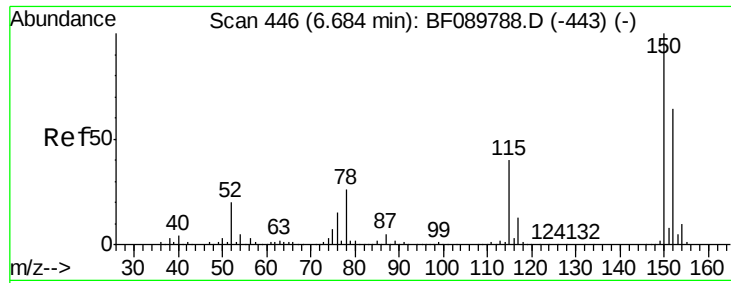
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

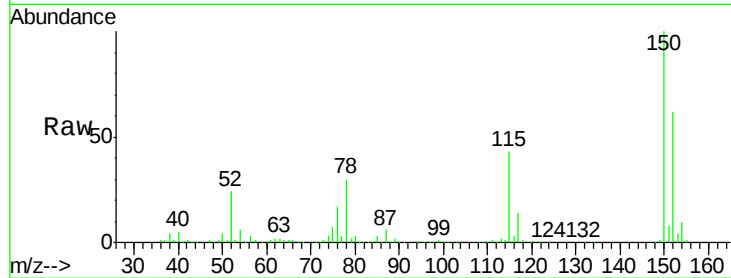
Tgt Ion:152 Resp: 379571

Ion Ratio Lower Upper

152 100

150 160.9 125.3 187.9

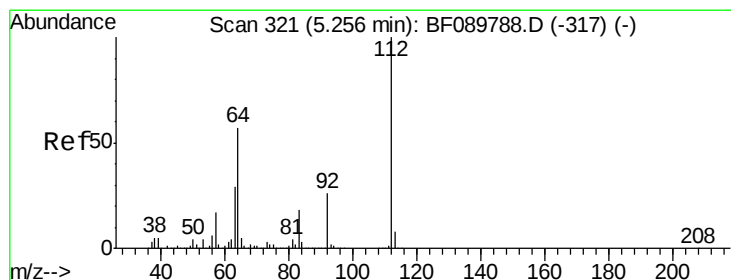
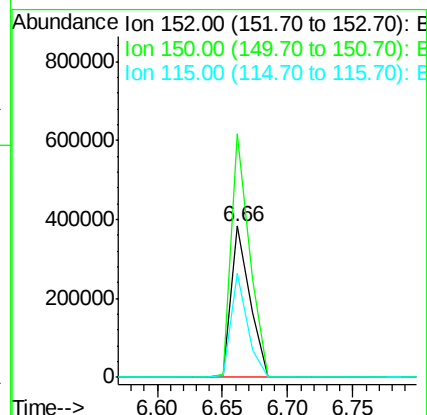
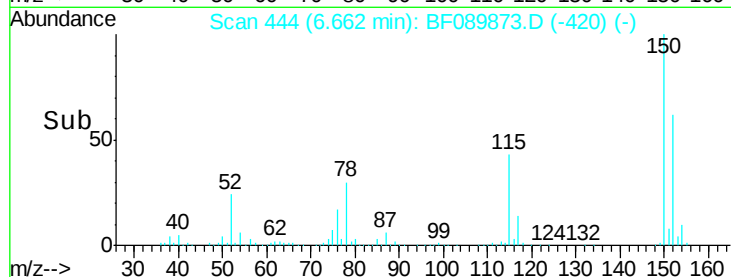
115 68.6 40.9 61.3#



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

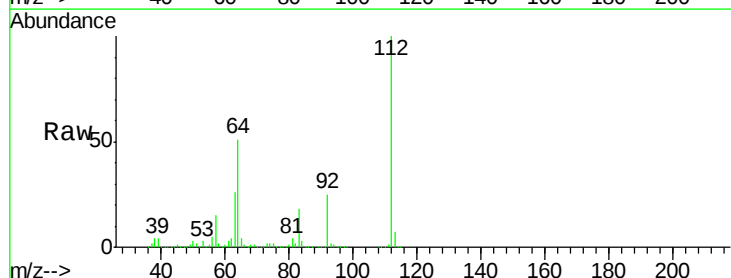
Tgt Ion:112 Resp: 2752569

Ion Ratio Lower Upper

112 100

64 51.2 45.0 67.4

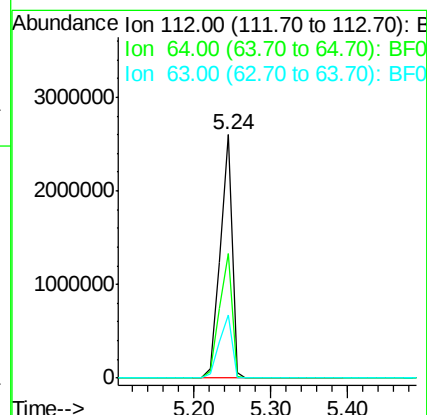
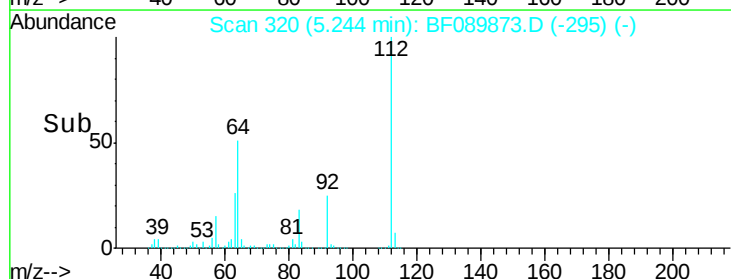
63 26.0 23.1 34.7



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

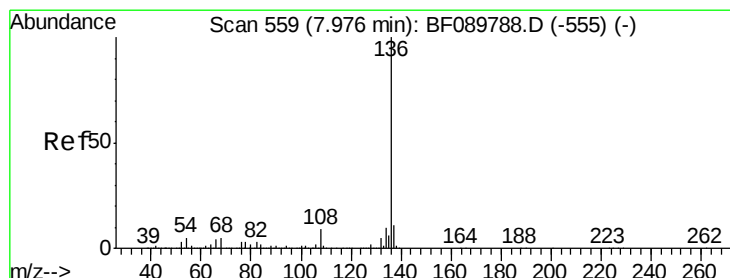
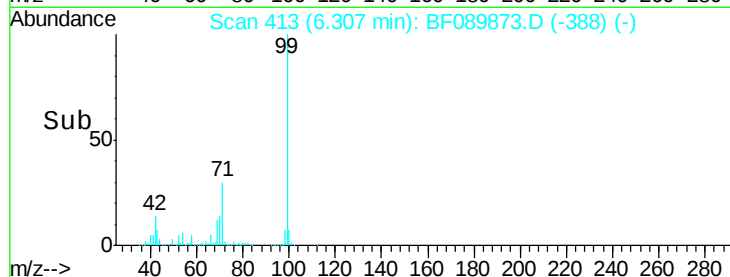
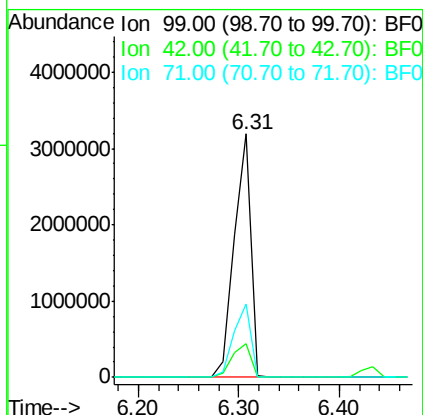
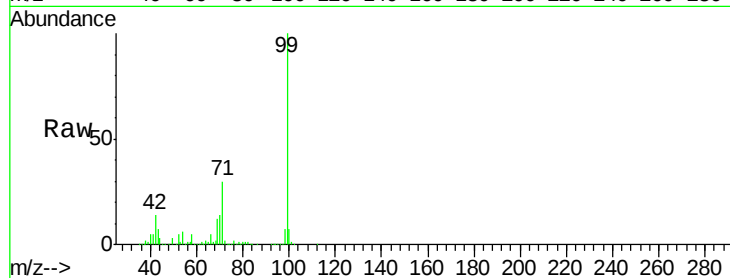
Tgt Ion: 99 Resp: 3643390

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.4

71 30.3 23.8 35.8



#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

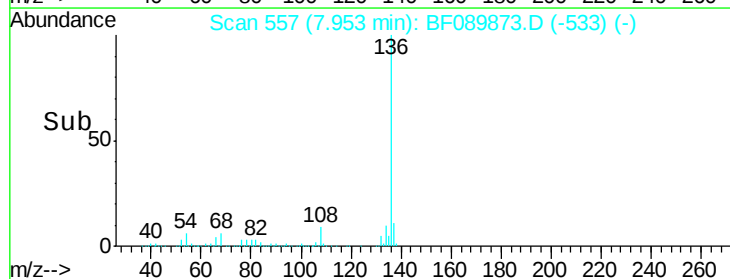
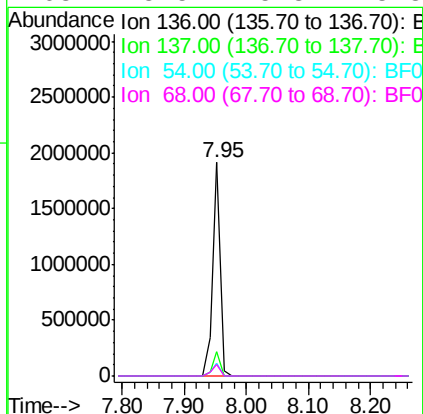
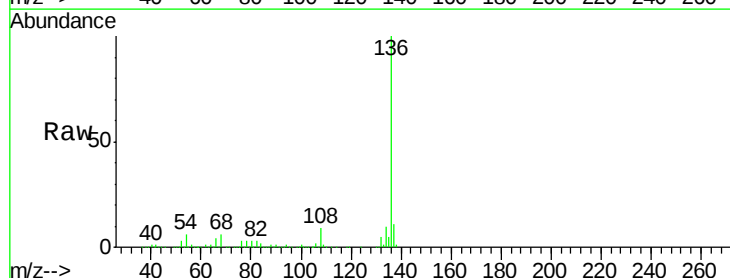
Ion Ratio Lower Upper

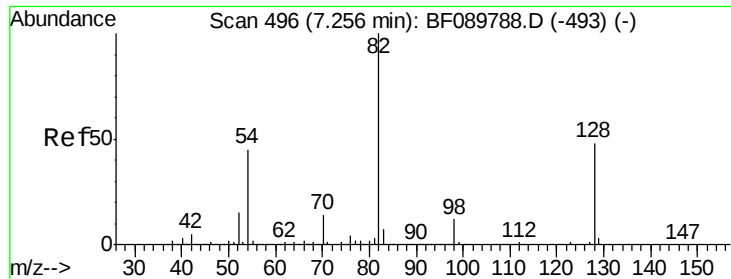
136 100

137 11.4 9.2 13.8

54 5.8 7.2 10.8#

68 5.5 5.8 8.8#

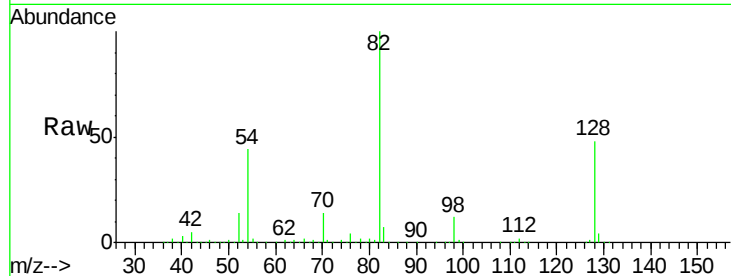




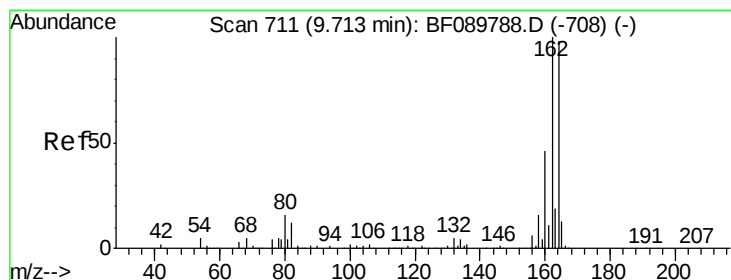
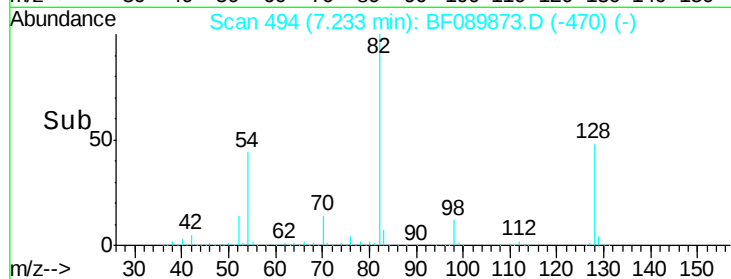
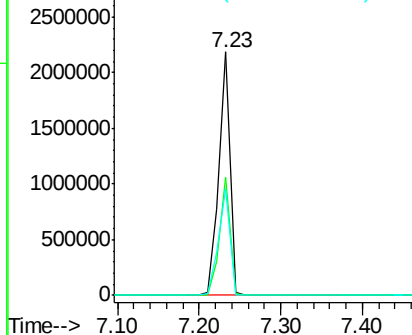
#23
 Nitrobenzene-d5
 Concen: 81.07 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

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

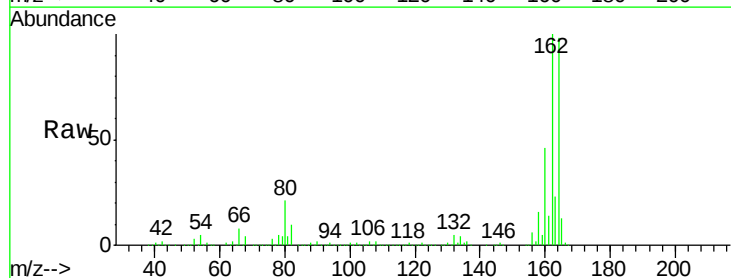


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

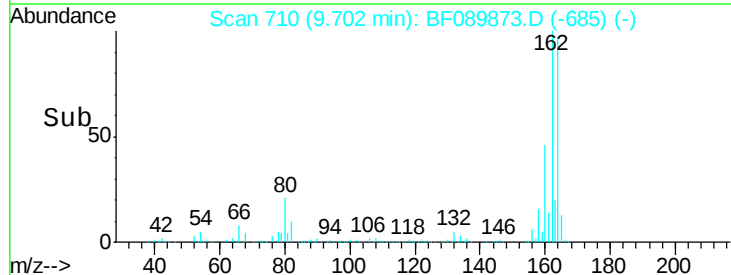
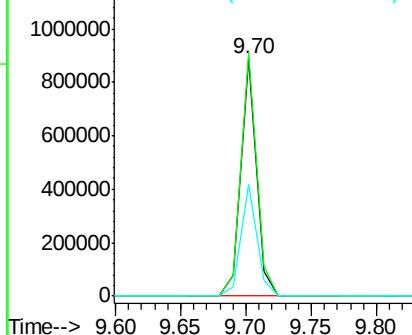


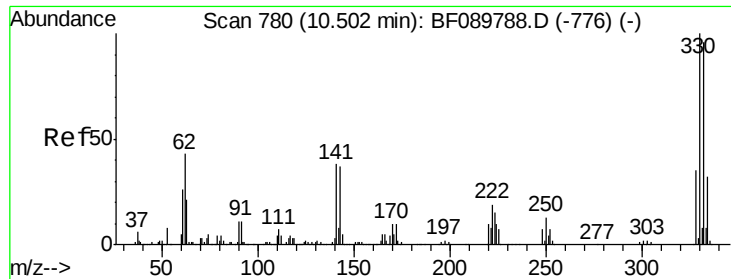
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

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

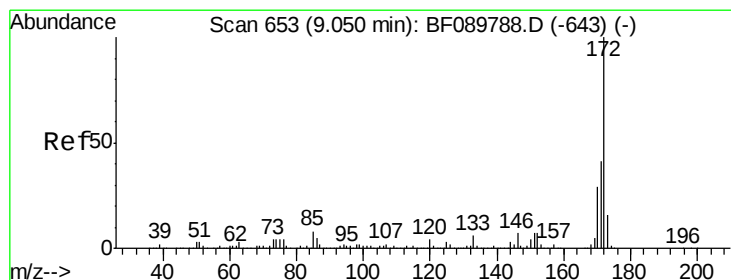
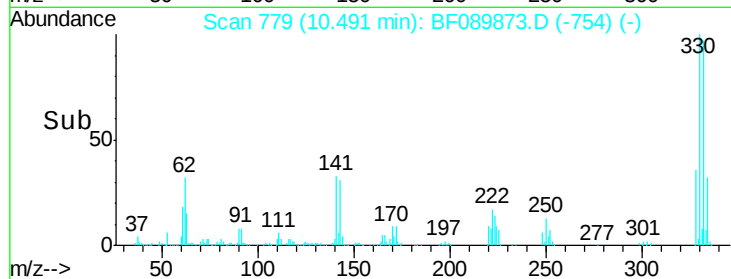
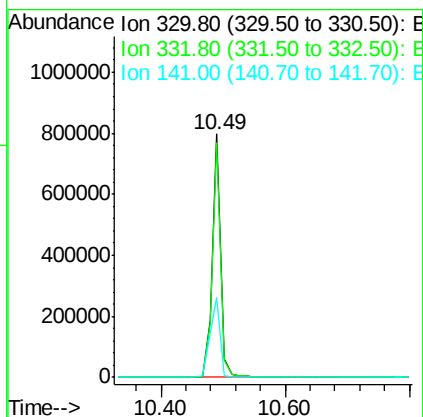
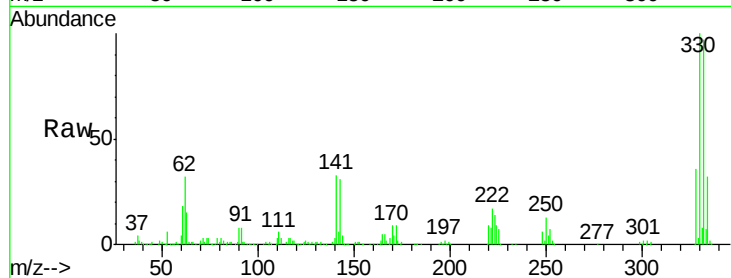




#41
 2,4,6-Tribromophenol
 Concen: 107.56 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

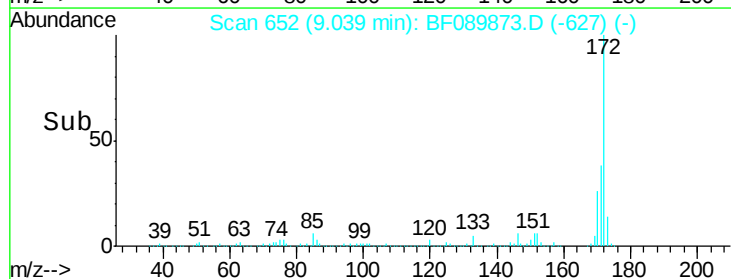
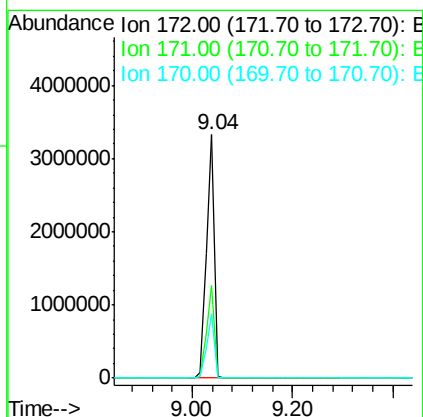
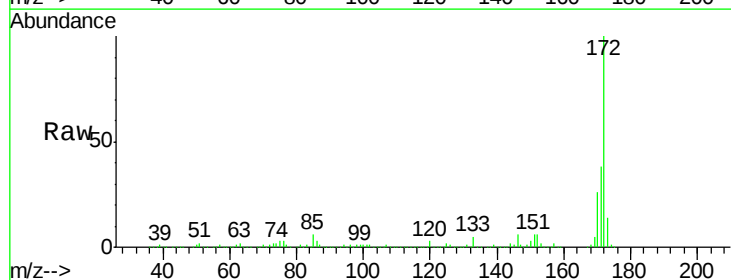
Instrument :
 BNA_F
 ClientSampleId :
 AST-4

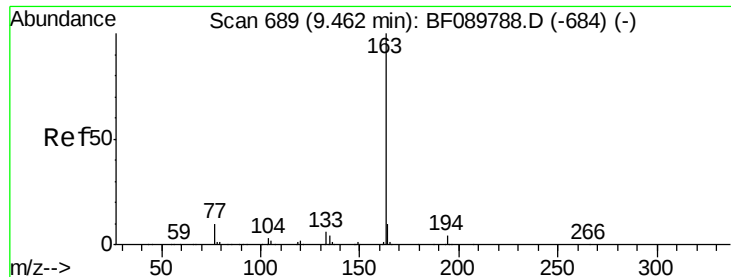
Tgt Ion:330 Resp: 744129
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 39.2 30.2 45.2



#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

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

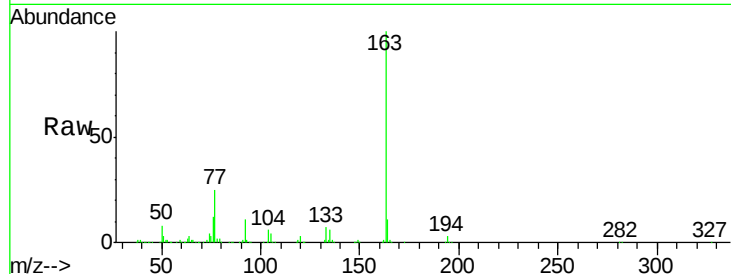




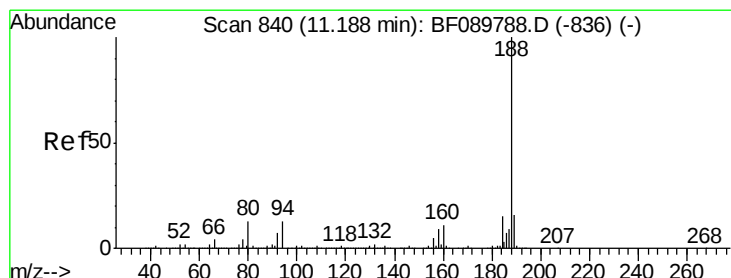
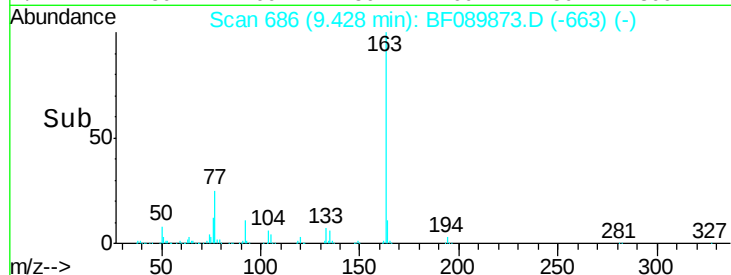
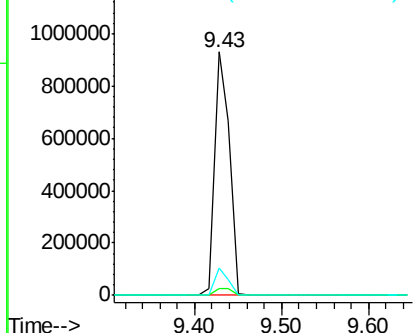
#49
Dimethylphthalate
Concen: 21.95 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Instrument :
BNA_F
ClientSampleId :
AST-4

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

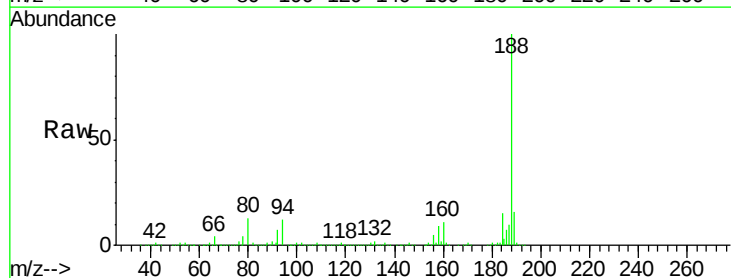


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

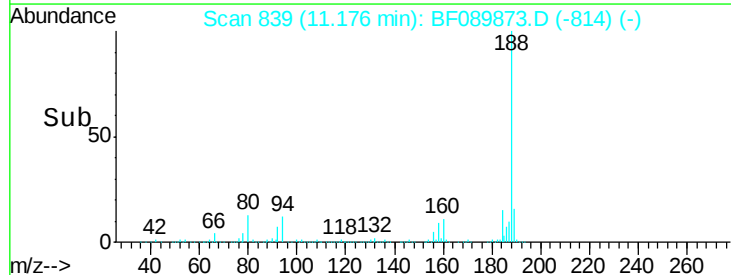
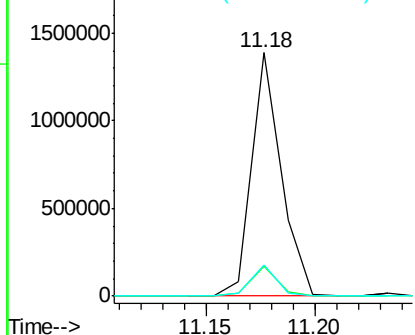


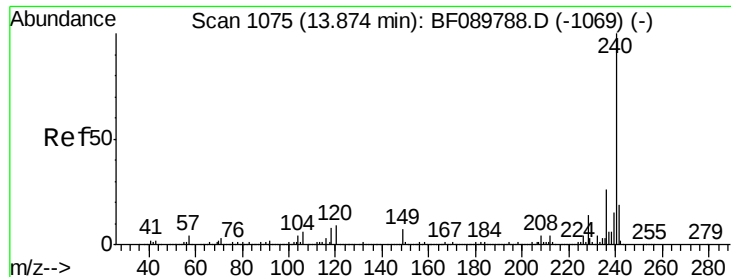
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

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



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





#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

Instrument :

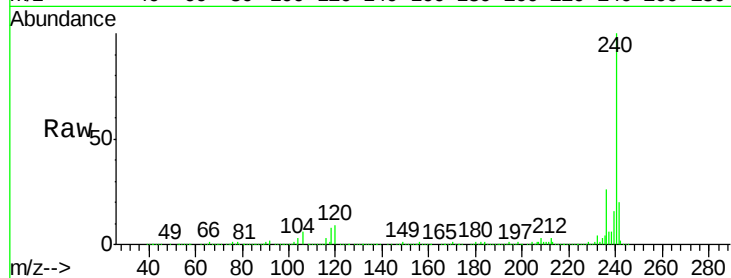
BNA_F

ClientSampled :

AST-4

Tgt Ion:240 Resp: 1164637

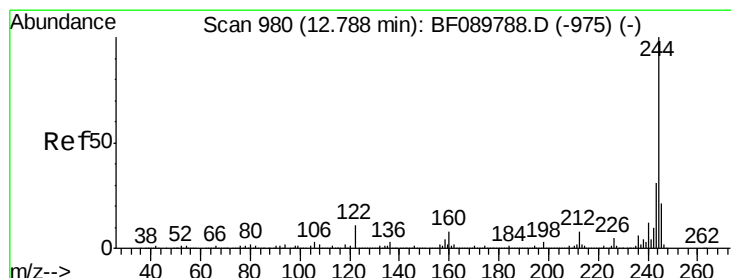
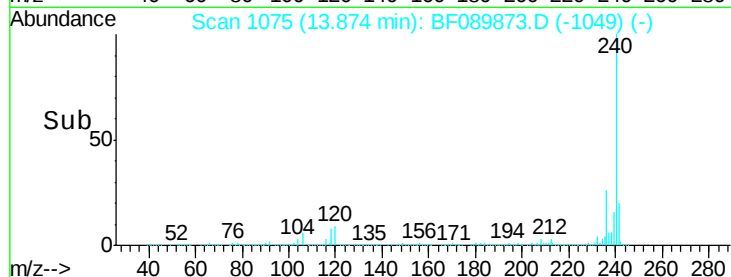
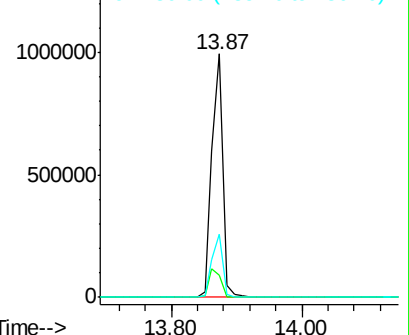
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	26.1	21.3	31.9



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

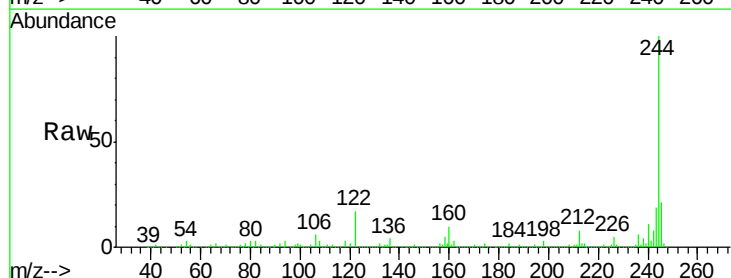
Delta R.T. -0.01 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

Tgt Ion:244 Resp: 2932224

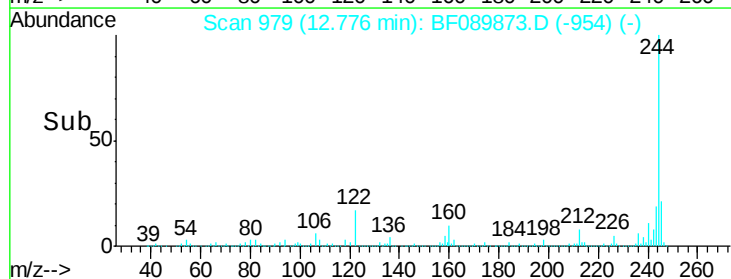
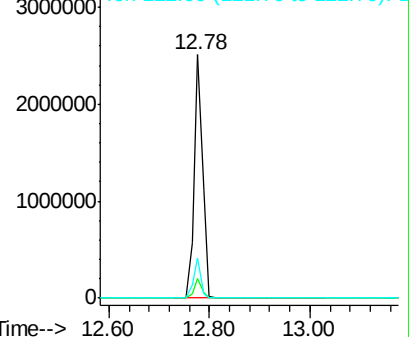
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	16.5	12.0	18.0

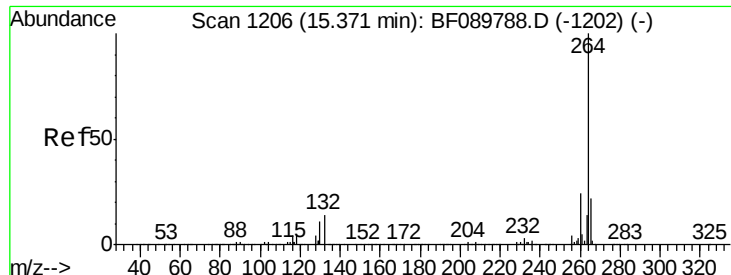


Abundance Ion 244.00 (243.70 to 244.70): E

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

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.2	17.4	26.2

