

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089871.D
 Acq On : 24 Aug 2016 13:50
 Operator : UM/SJ
 Sample : H4551-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-2

Quant Time: Aug 25 13:36:58 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

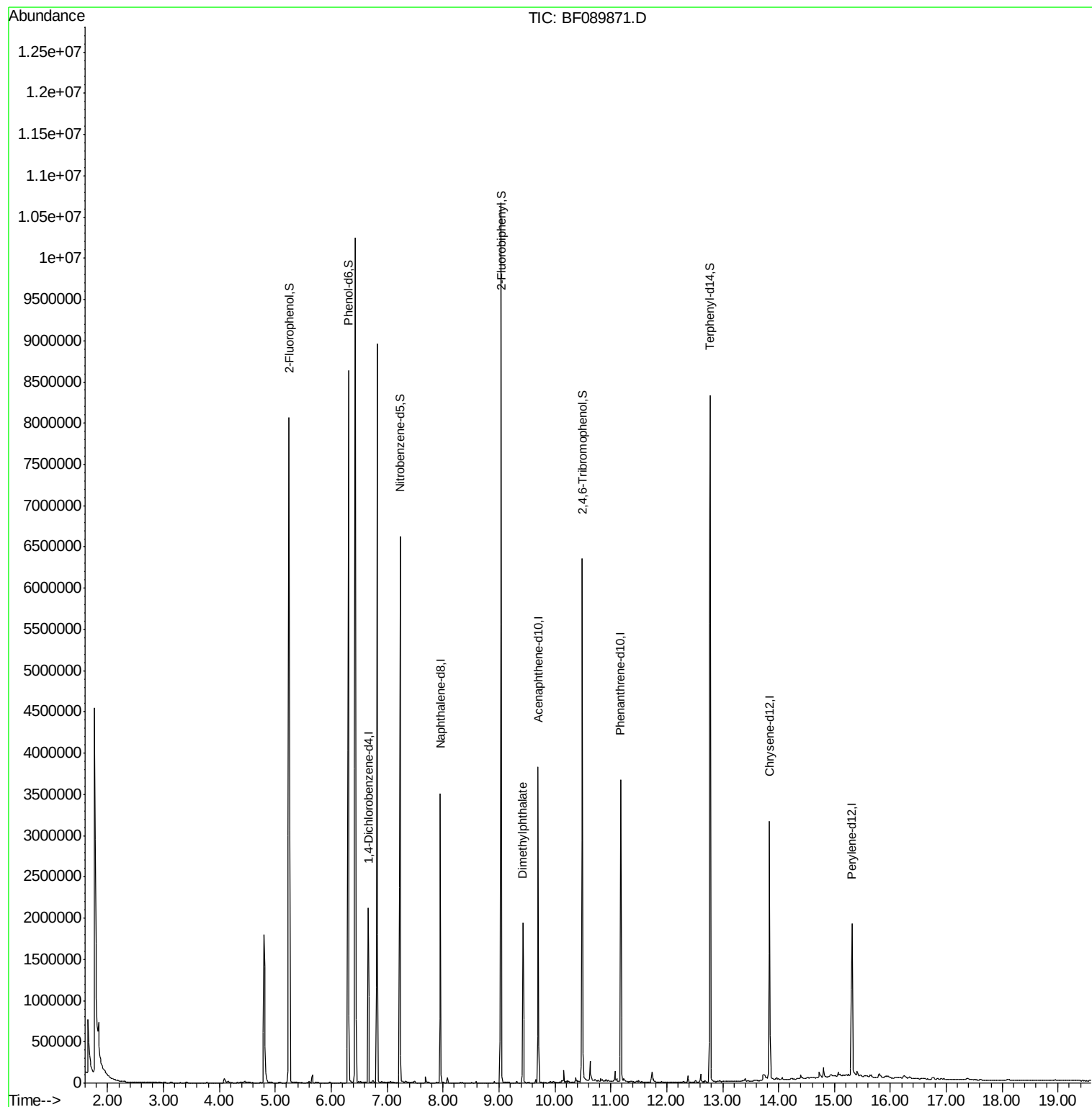
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	376423	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1572358	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	722623	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1307232	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	1119075	20.00	ng	-0.03
86) Perylene-d12	15.31	264	860056	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3164929	144.19	ng	-0.01
7) Phenol-d6	6.31	99	3641447	135.14	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2300937	90.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	864193	125.84	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3938077	95.78	ng	-0.01
78) Terphenyl-d14	12.78	244	3227249	65.24	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	926857	18.22	ng	Qvalue 99

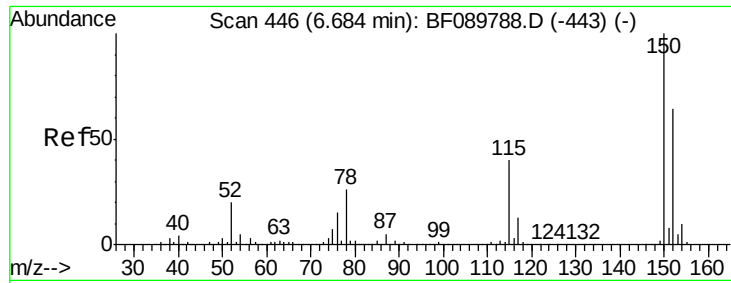
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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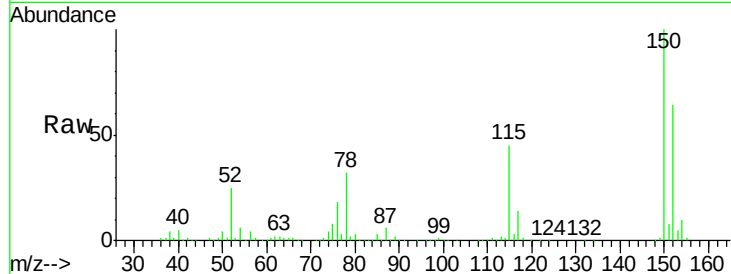


#1

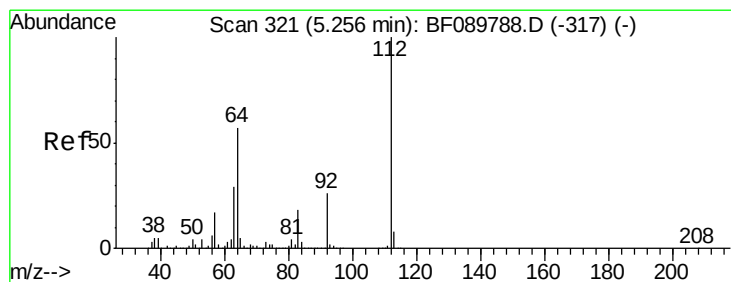
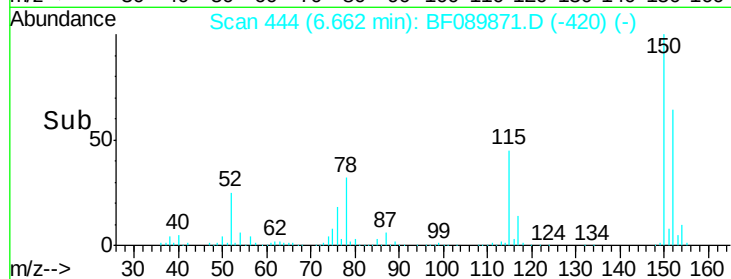
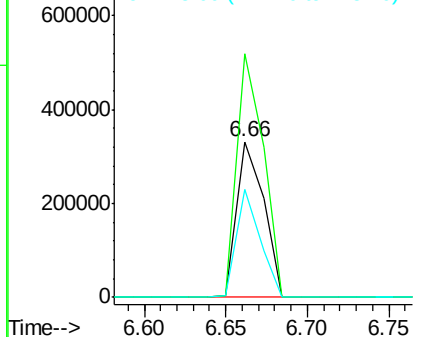
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion:152 Resp: 376423
Ion Ratio Lower Upper
152 100
150 156.5 125.3 187.9
115 69.7 40.9 61.3#



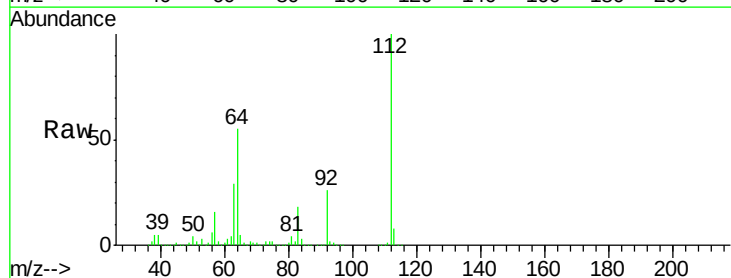
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



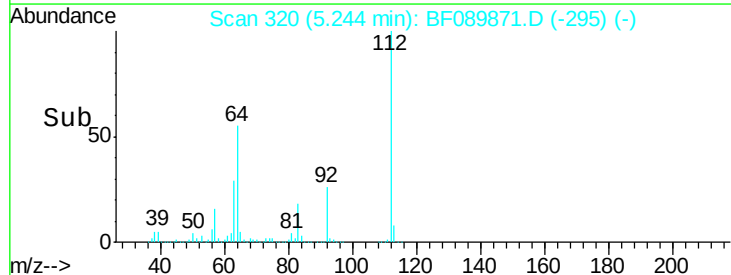
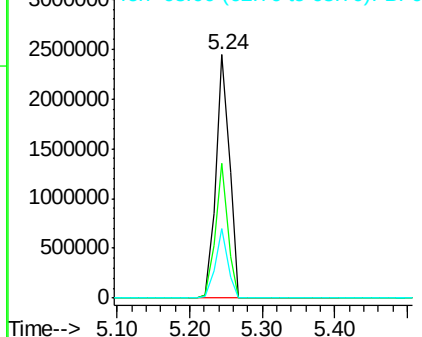
#5

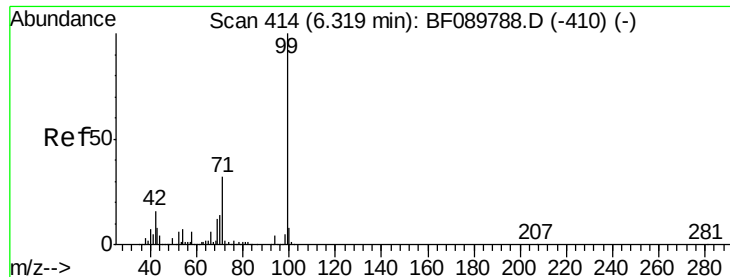
2-Fluorophenol
Concen: 144.19 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Tgt Ion:112 Resp: 3164929
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 28.6 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: 135.14 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089871.D

Acq: 24 Aug 2016 13:50

Instrument :

BNA_F

ClientSampleId :

AST-2

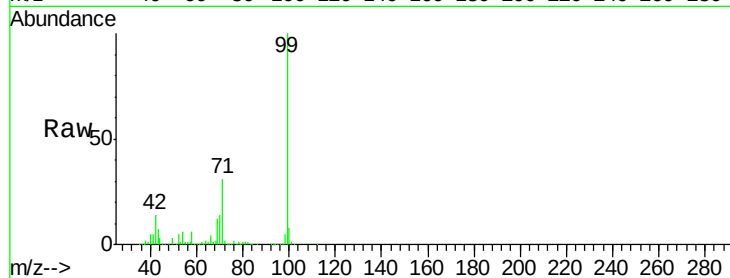
Tgt Ion: 99 Resp: 3641447

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.4

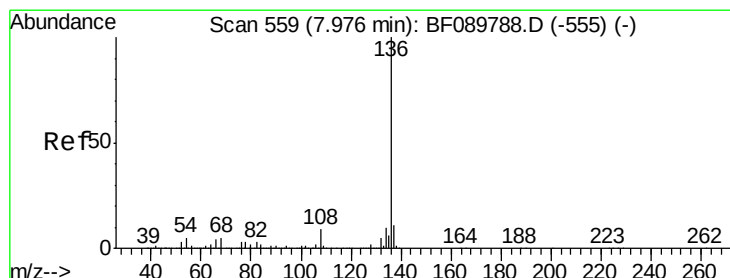
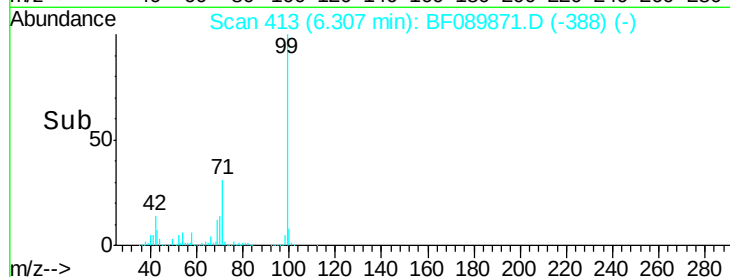
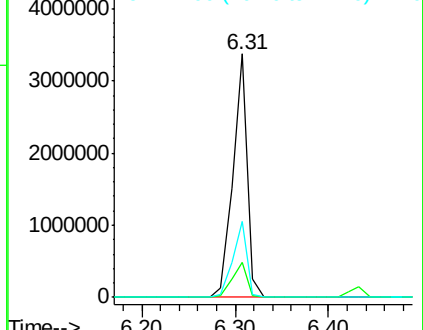
71 31.1 23.8 35.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089871.D

Acq: 24 Aug 2016 13:50

Tgt Ion: 136 Resp: 1572358

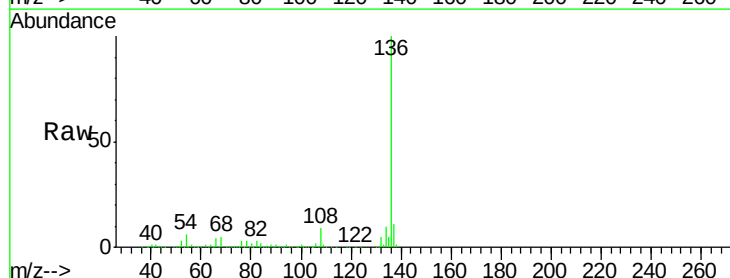
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.0 7.2 10.8#

68 5.4 5.8 8.8#

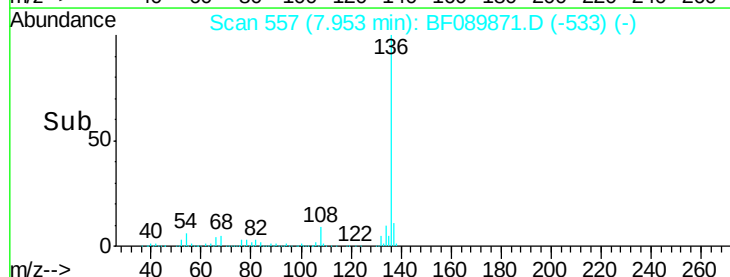
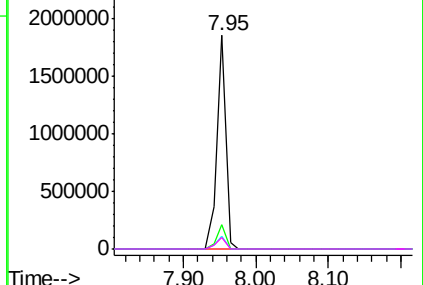


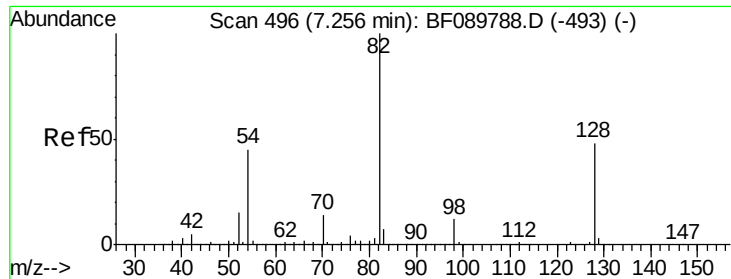
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

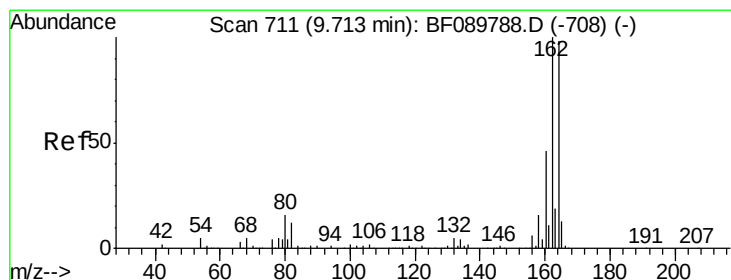
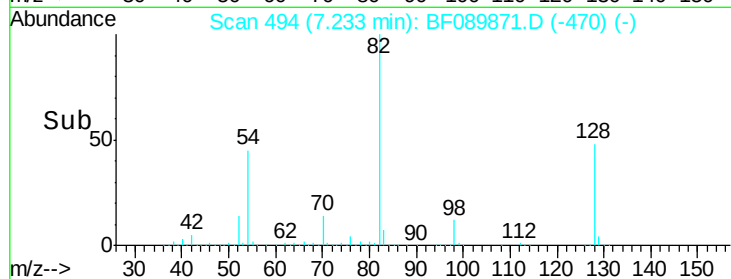
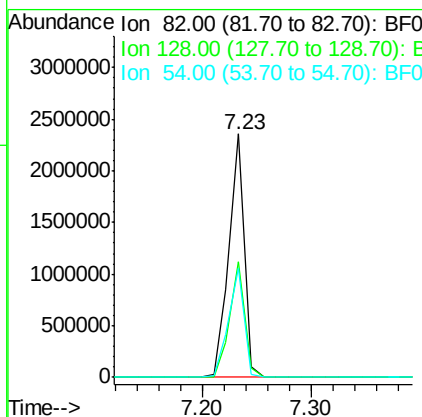
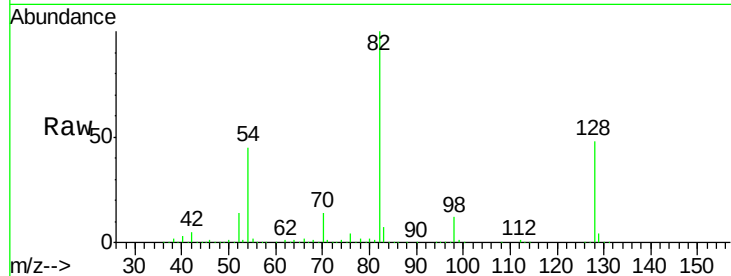




#23
 Nitrobenzene-d5
 Concen: 90.91 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089871.D
 Acq: 24 Aug 2016 13:50

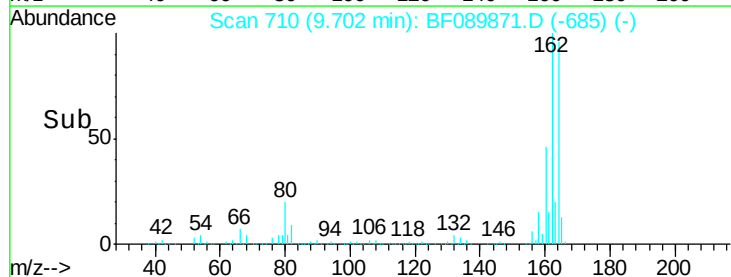
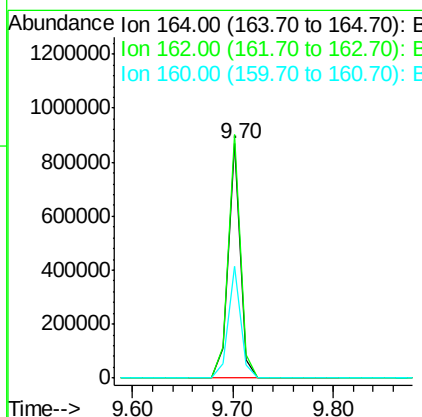
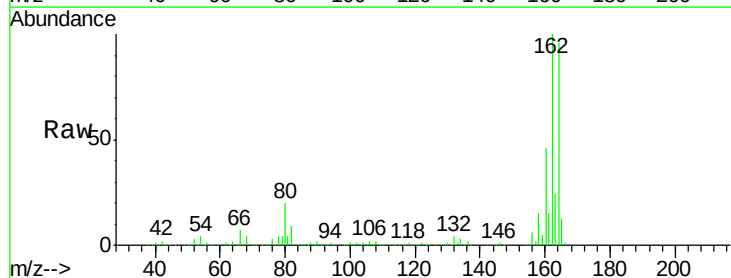
Instrument :
 BNA_F
 ClientSampled :
 AST-2

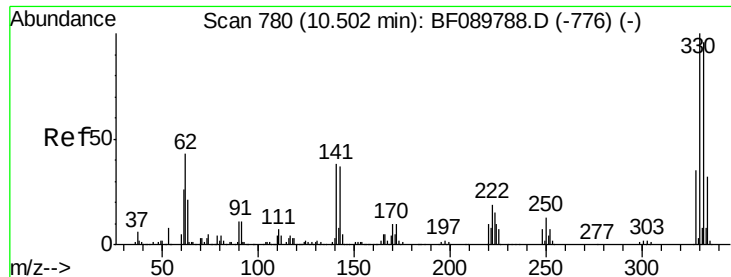
Tgt Ion: 82 Resp: 2300937
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.4 51.6
 54 44.8 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089871.D
 Acq: 24 Aug 2016 13:50

Tgt Ion: 164 Resp: 722623
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.4 122.2
 160 47.6 37.8 56.6

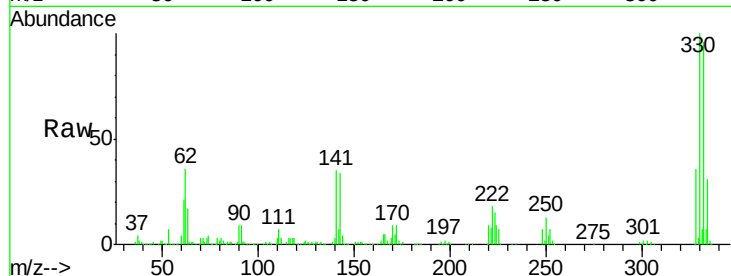




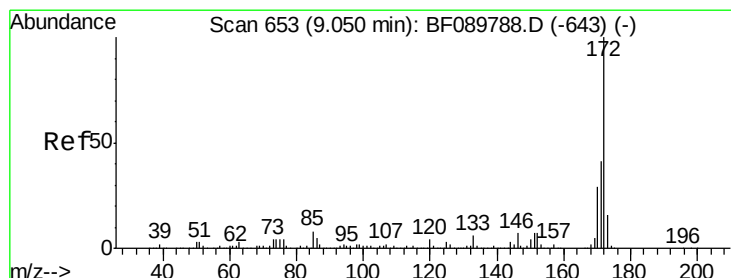
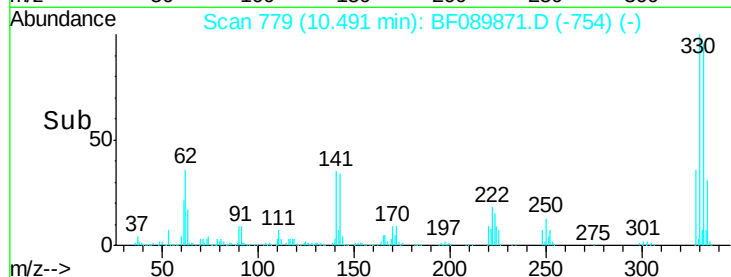
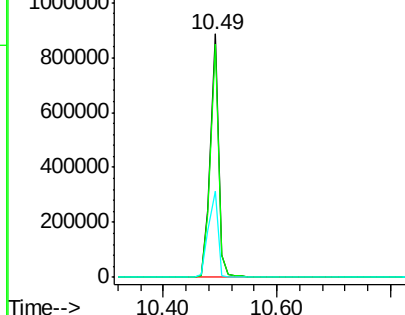
#41
 2,4,6-Tribromophenol
 Concen: 125.84 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089871.D
 Acq: 24 Aug 2016 13:50

Instrument :
 BNA_F
 ClientSampleId :
 AST-2

Tgt Ion:330 Resp: 864193
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.7 115.1
 141 40.4 30.2 45.2

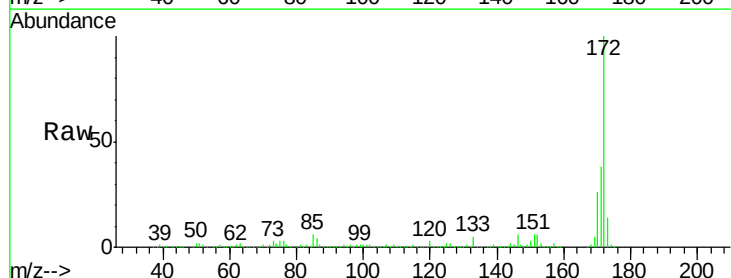


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

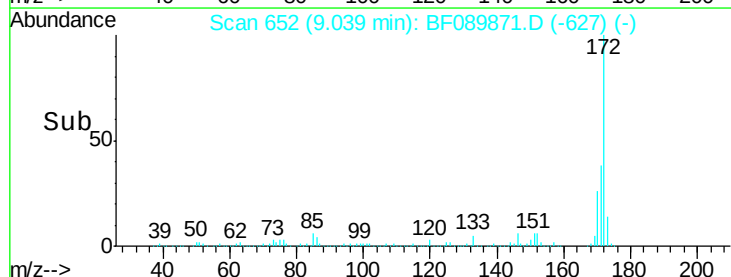
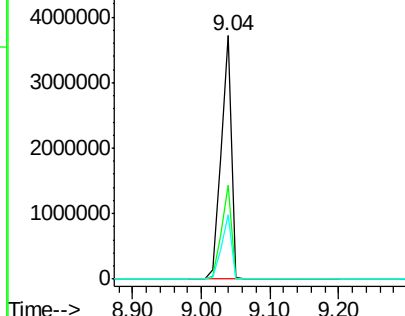


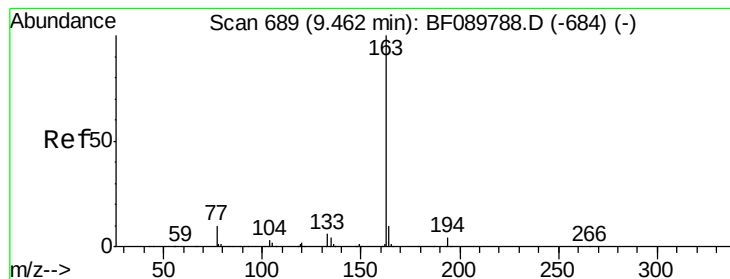
#44
 2-Fluorobiphenyl
 Concen: 95.78 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089871.D
 Acq: 24 Aug 2016 13:50

Tgt Ion:172 Resp: 3938077
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.5 45.7
 170 26.4 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: 18.22 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089871.D

Acq: 24 Aug 2016 13:50

Instrument :

BNA_F

ClientSampleId :

AST-2

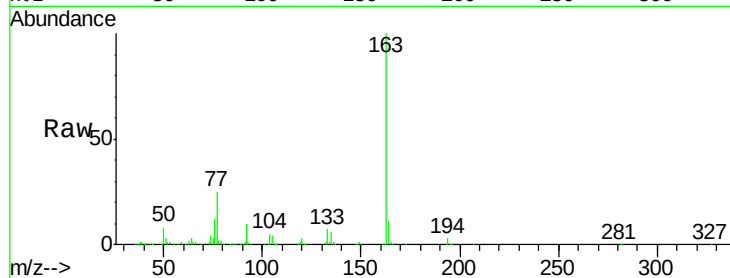
Tgt Ion:163 Resp: 926857

Ion Ratio Lower Upper

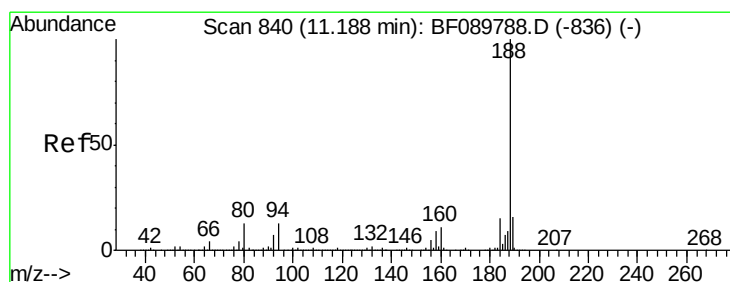
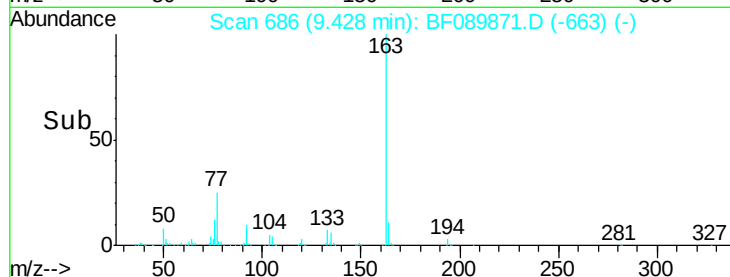
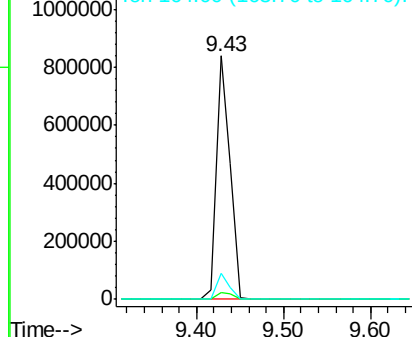
163 100

194 2.9 2.6 3.8

164 10.9 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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089871.D

Acq: 24 Aug 2016 13:50

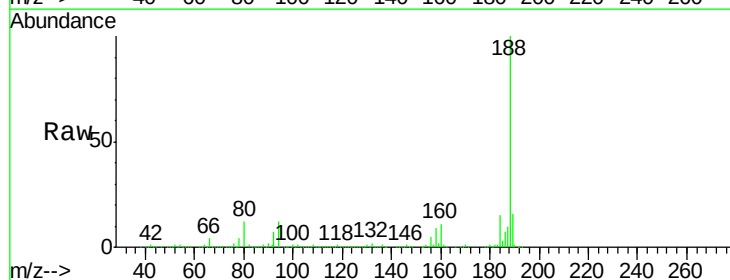
Tgt Ion:188 Resp: 1307232

Ion Ratio Lower Upper

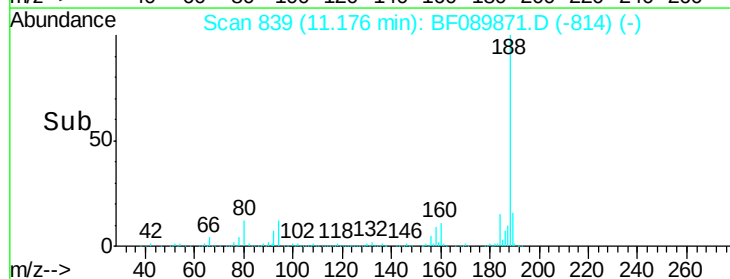
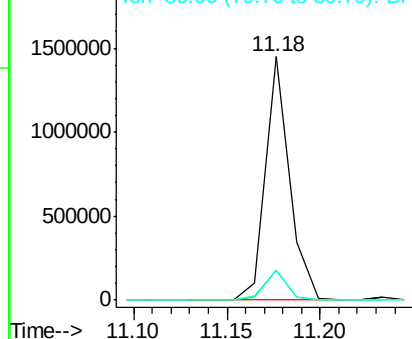
188 100

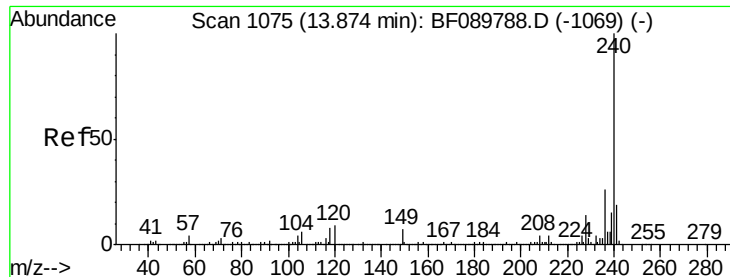
94 12.0 10.2 15.2

80 12.1 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: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089871.D

Acq: 24 Aug 2016 13:50

Instrument :

BNA_F

ClientSampleId :

AST-2

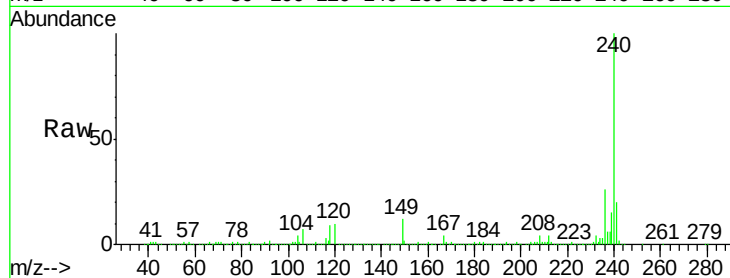
Tgt Ion:240 Resp: 1119075

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

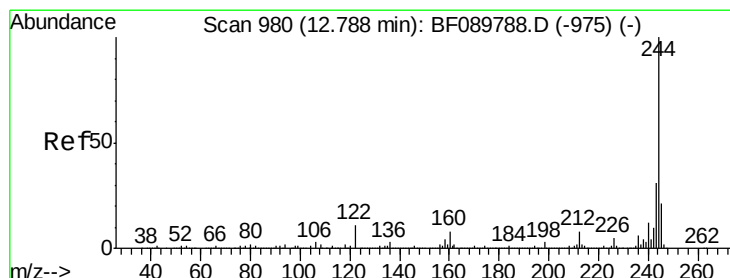
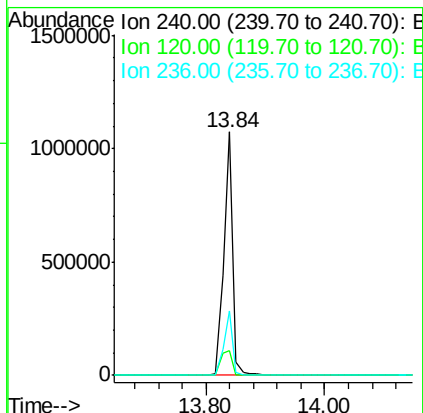
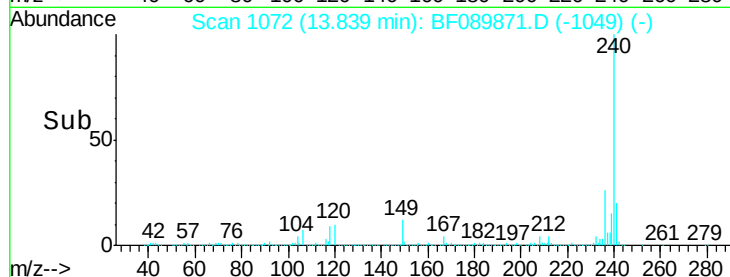
236 26.3 21.3 31.9



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: 65.24 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089871.D

Acq: 24 Aug 2016 13:50

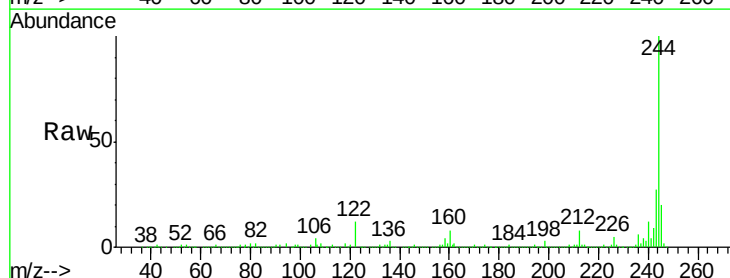
Tgt Ion:244 Resp: 3227249

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

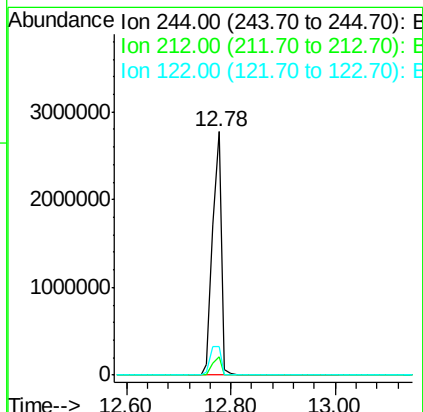
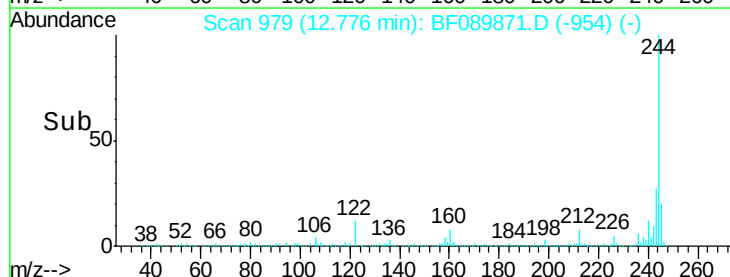
122 11.5 12.0 18.0#

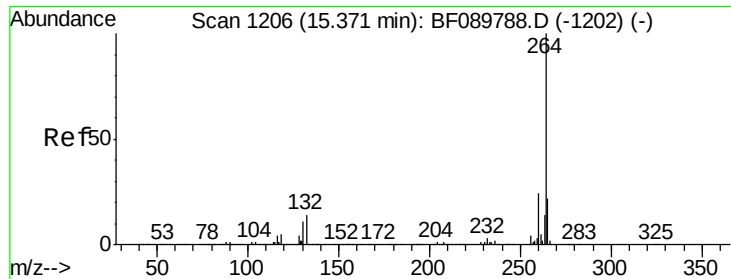


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

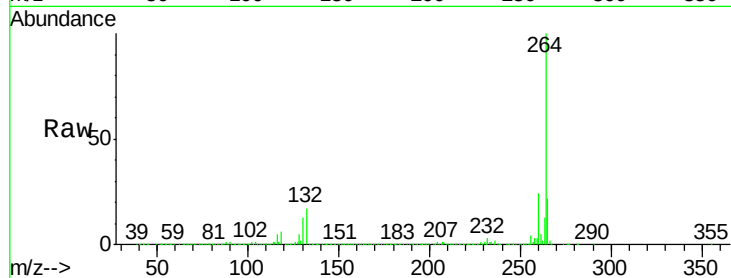




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BF089871.D
Acq: 24 Aug 2016 13:50

Instrument :
BNA_F
ClientSampleId :
AST-2

Tgt Ion: 264 Resp: 860056
Ion Ratio Lower Upper
264 100
260 23.5 20.2 30.2
265 21.6 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

