

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089171.D
 Acq On : 21 Jul 2016 10:45
 Operator : UM/SJ
 Sample : H4073-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-05

Quant Time: Jul 21 18:44:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

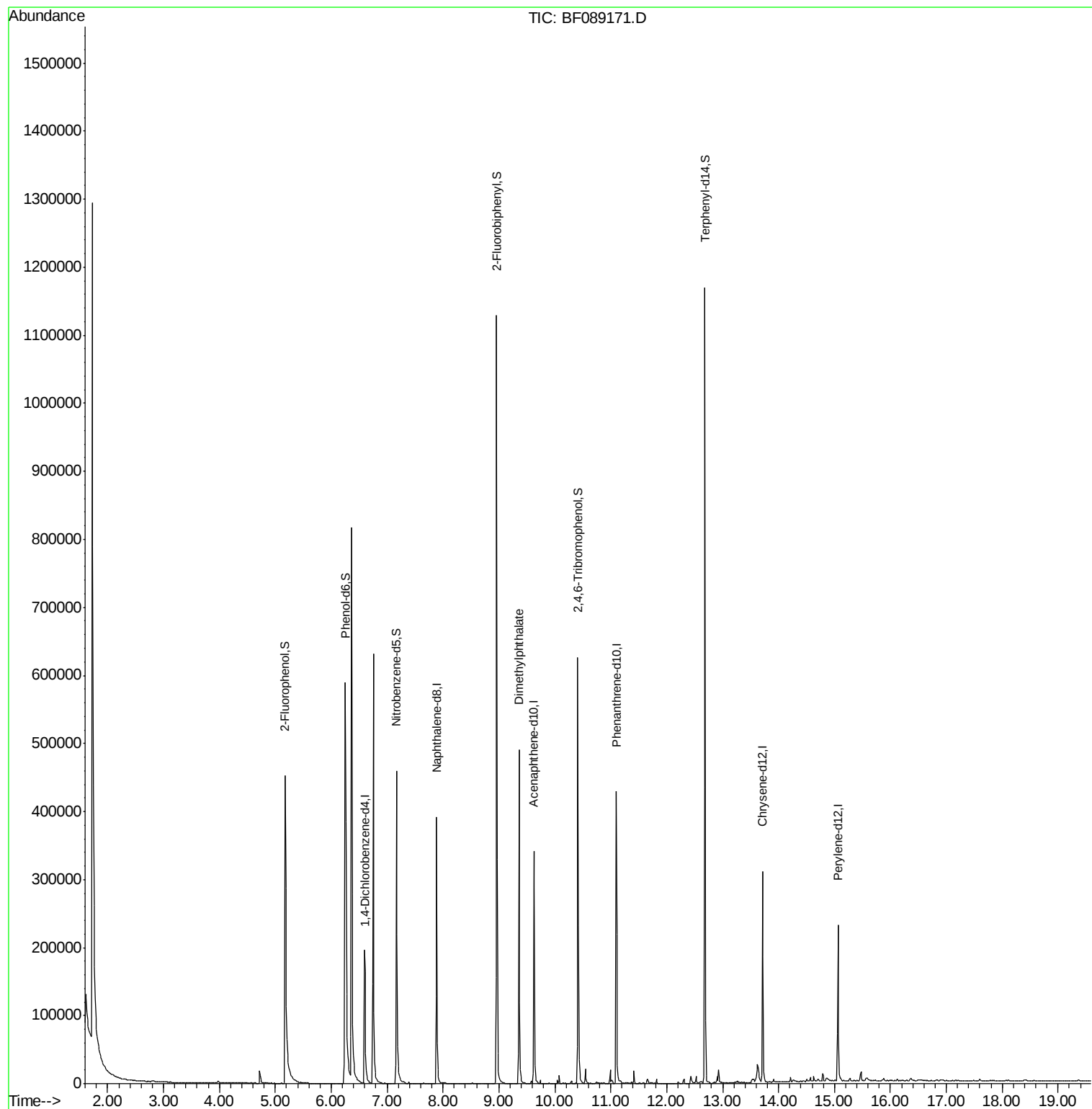
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	51644	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	224044	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	99849	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	196698	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	127951	20.00	ng	-0.01
86) Perylene-d12	15.06	264	96129	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	230188	67.79	ng	-0.01
7) Phenol-d6	6.25	99	346065	79.03	ng	-0.02
23) Nitrobenzene-d5	7.16	82	209800	49.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	69390	77.19	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	401892	55.46	ng	-0.01
78) Terphenyl-d14	12.69	244	379191	64.28	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	214751	28.03	ng	98

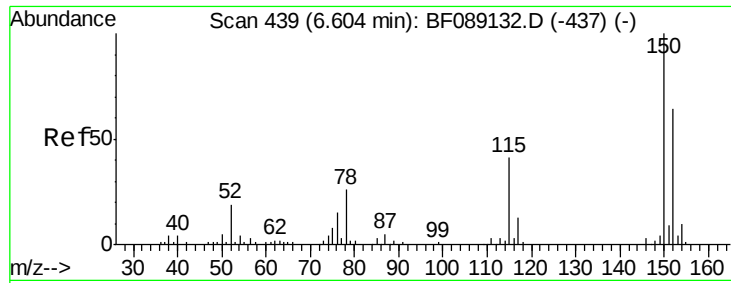
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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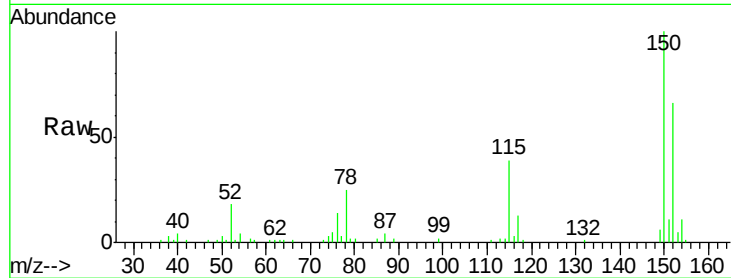


#1

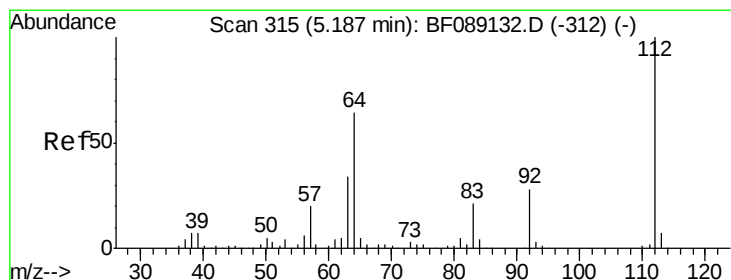
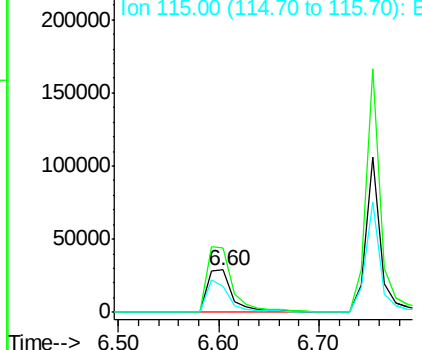
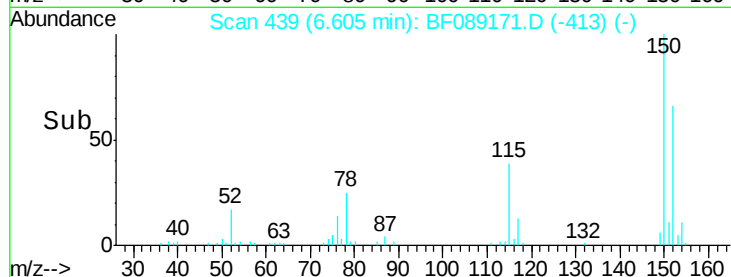
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089171.D
Acq: 21 Jul 2016 10:45

Instrument :
BNA_F
ClientSampled :
TS-05

Tot Ion:152 Resp: 51644
Ion Ratio Lower Upper
152 100
150 152.4 125.1 187.7
115 60.2 51.1 76.7



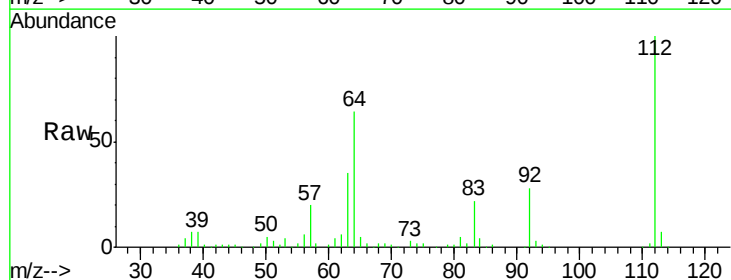
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



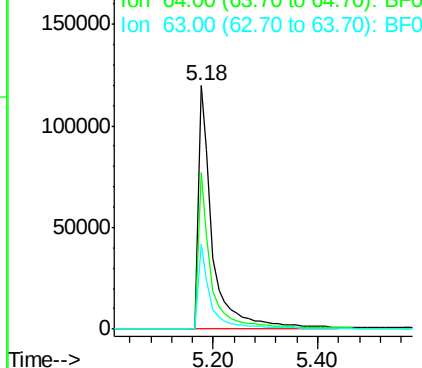
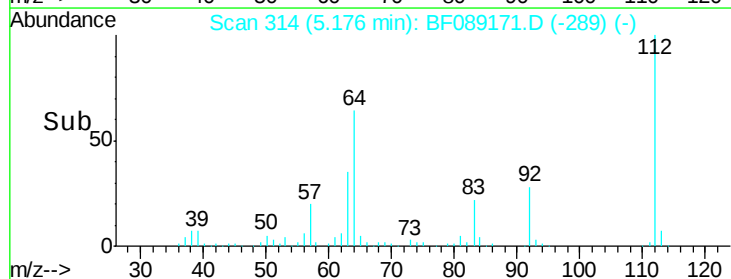
#5

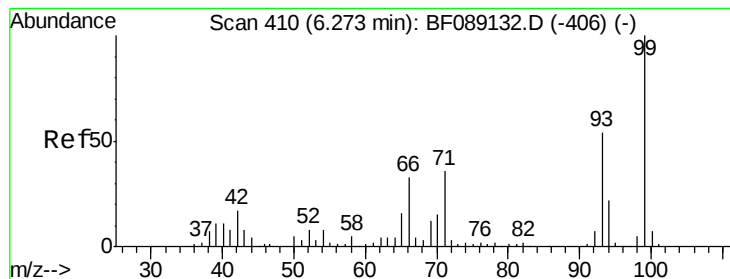
2-Fluorophenol
Concen: 67.79 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: BF089171.D
Acq: 21 Jul 2016 10:45

Tgt Ion:112 Resp: 230188
Ion Ratio Lower Upper
112 100
64 64.4 51.0 76.4
63 34.7 27.3 40.9



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: 79.03 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Instrument :

BNA_F

ClientSampled :

TS-05

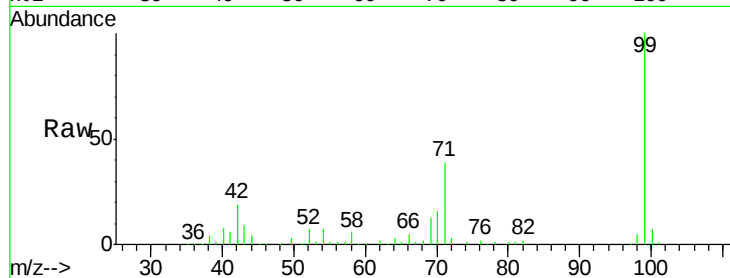
Tot Ion: 99 Resp: 346065

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

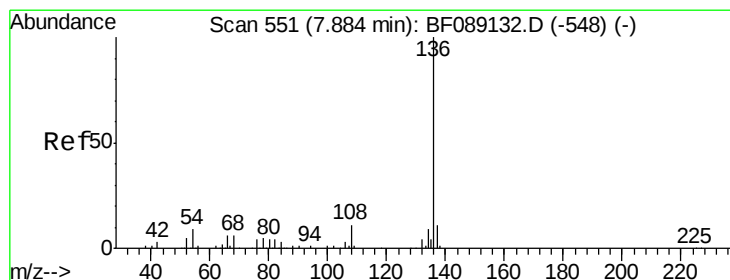
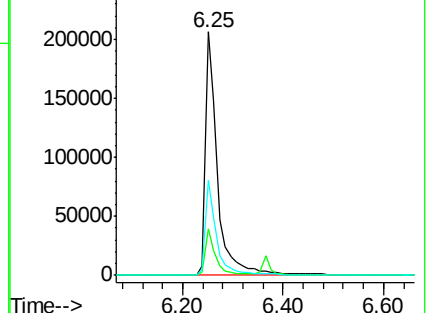
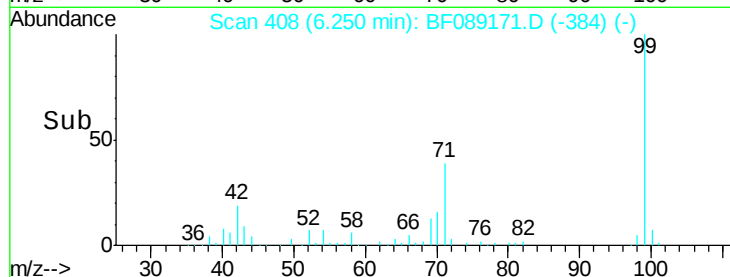
71 39.3 28.9 43.3



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: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Tgt Ion: 136 Resp: 224044

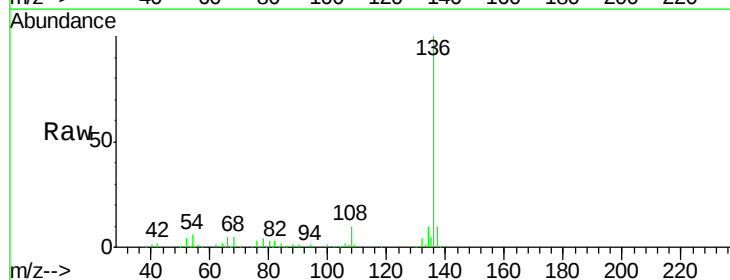
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 6.2 7.0 10.4#

68 4.8 5.0 7.6#

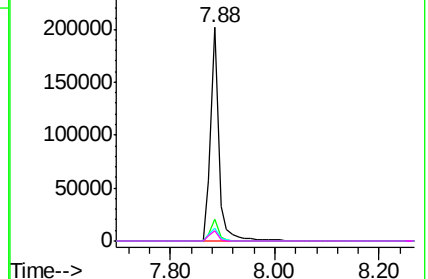
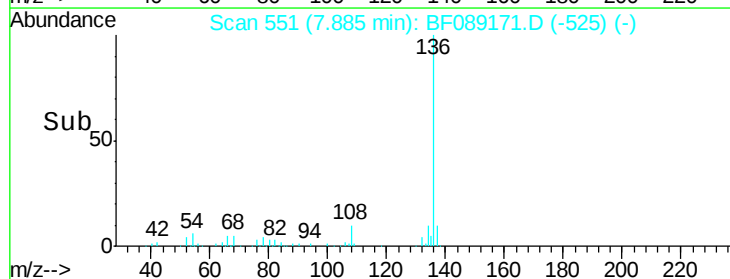


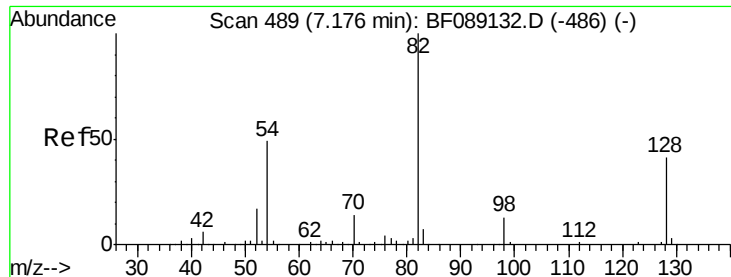
Abundance Ion 136.00 (135.70 to 136.70): E

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

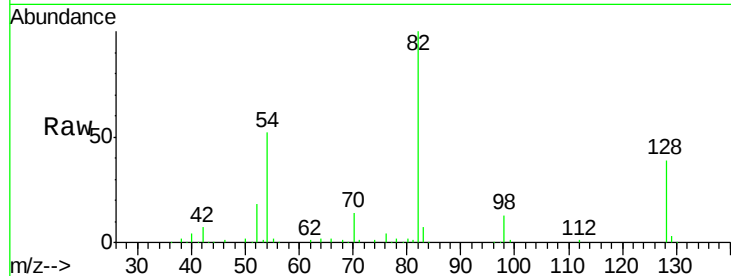




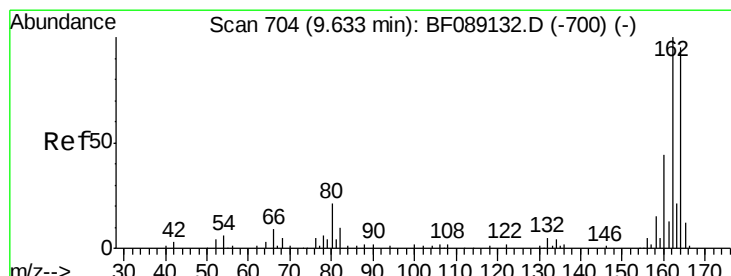
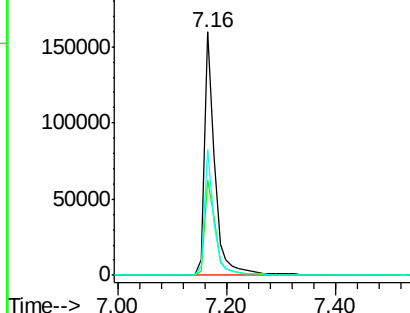
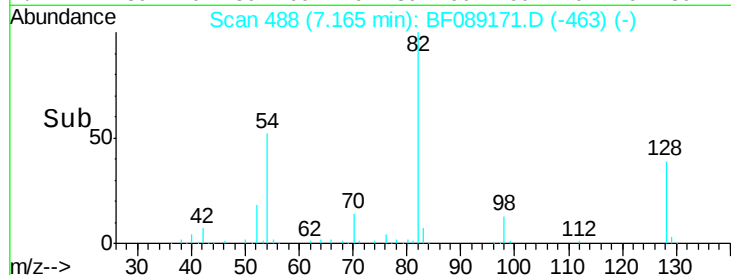
#23
 Nitrobenzene-d5
 Concen: 49.76 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Instrument :
 BNA_F
 ClientSampleId :
 TS-05

Tot Ion: 82 Resp: 209800
 Ion Ratio Lower Upper
 82 100
 128 39.0 33.0 49.6
 54 51.7 39.0 58.4

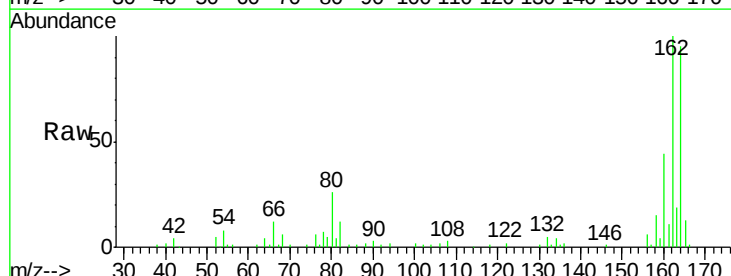


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

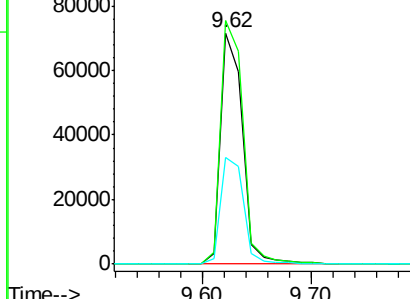
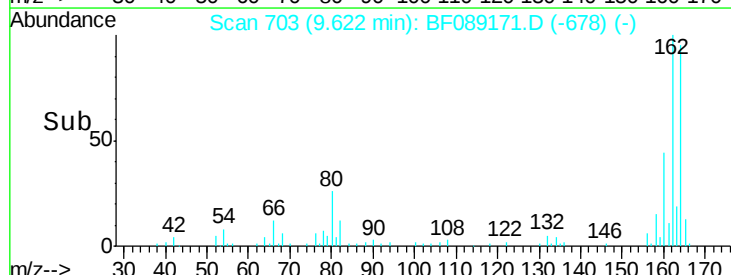


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Tgt Ion:164 Resp: 99849
 Ion Ratio Lower Upper
 164 100
 162 105.3 84.1 126.1
 160 46.2 37.1 55.7



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

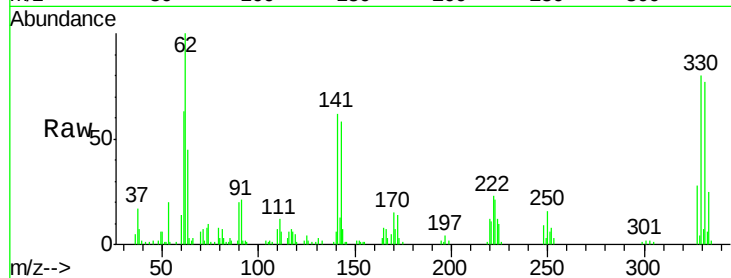




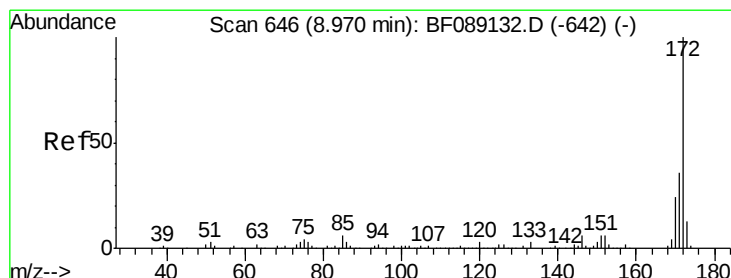
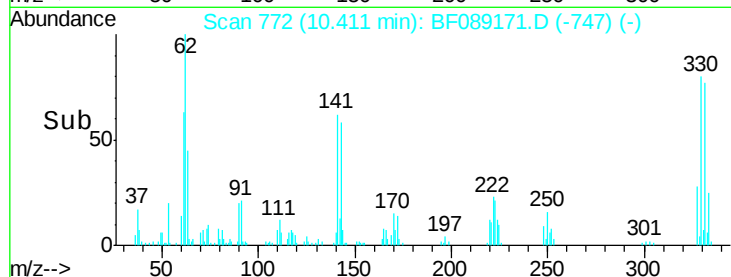
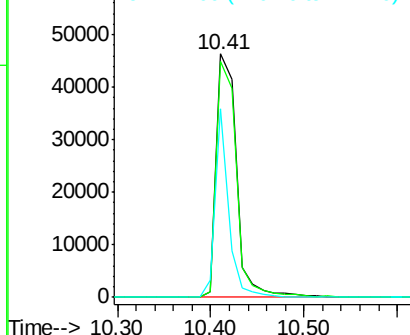
#41
 2,4,6-Tribromophenol
 Concen: 77.19 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Instrument :
 BNA_F
 ClientSampleId :
 TS-05

Tot Ion:330 Resp: 69390
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.2 115.8
 141 51.2 42.2 63.2

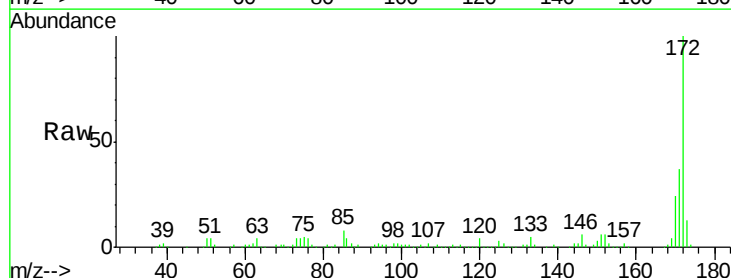


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

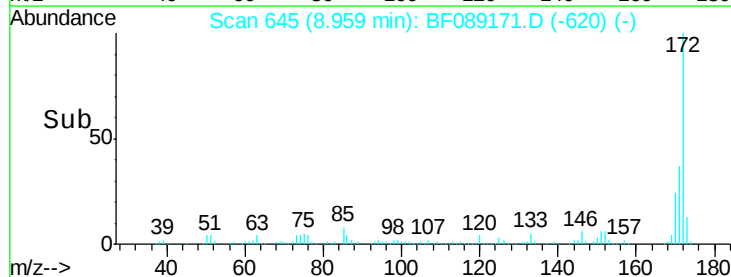
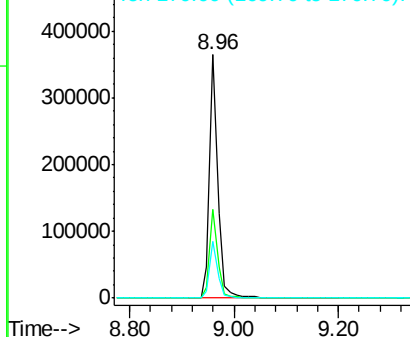


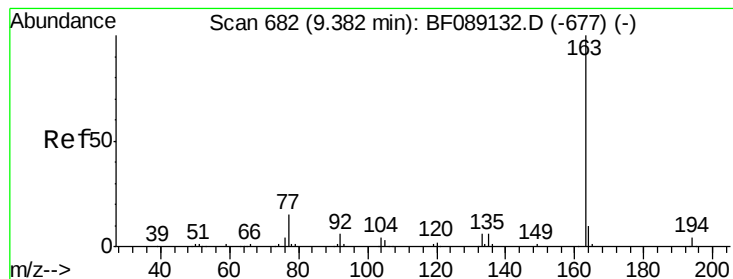
#44
 2-Fluorobiphenyl
 Concen: 55.46 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089171.D
 Acq: 21 Jul 2016 10:45

Tgt Ion:172 Resp: 401892
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 23.5 19.1 28.7



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: 28.03 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Instrument :

BNA_F

ClientSampleId :

TS-05

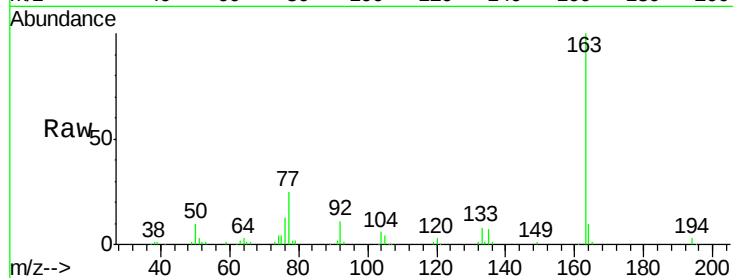
Tot Ion:163 Resp: 214751

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

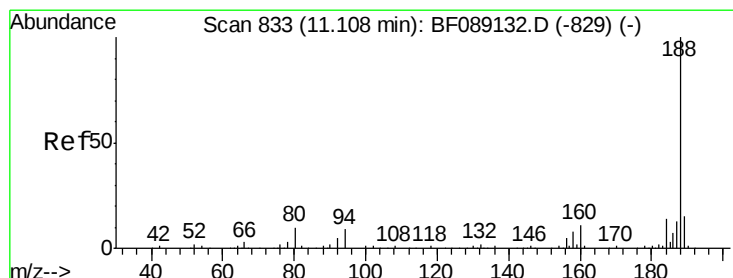
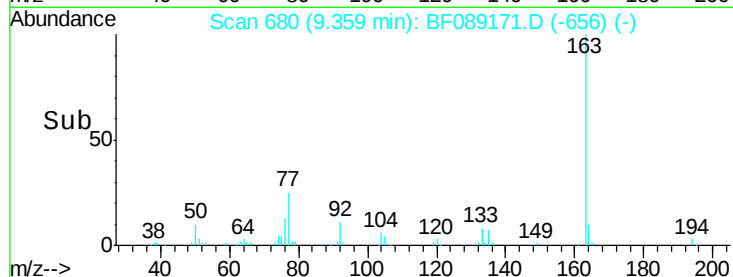
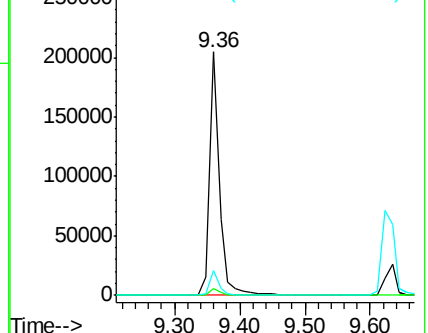
164 10.3 7.6 11.4



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: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

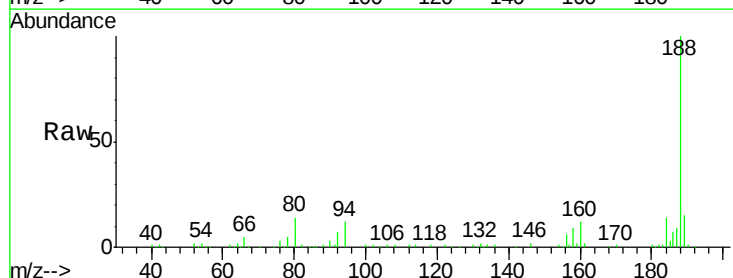
Tgt Ion:188 Resp: 196698

Ion Ratio Lower Upper

188 100

94 11.9 7.0 10.4#

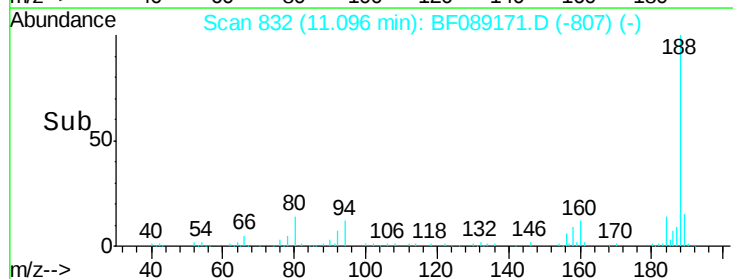
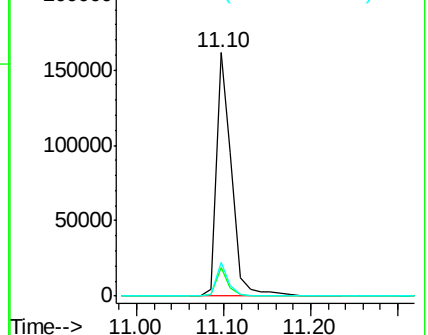
80 14.0 7.7 11.5#

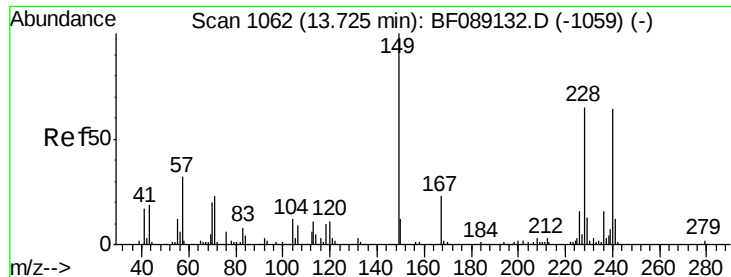


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Instrument :

BNA_F

ClientSampleId :

TS-05

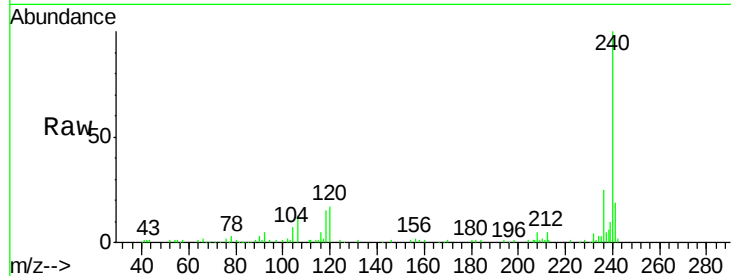
Tot Ion:240 Resp: 127951

Ion Ratio Lower Upper

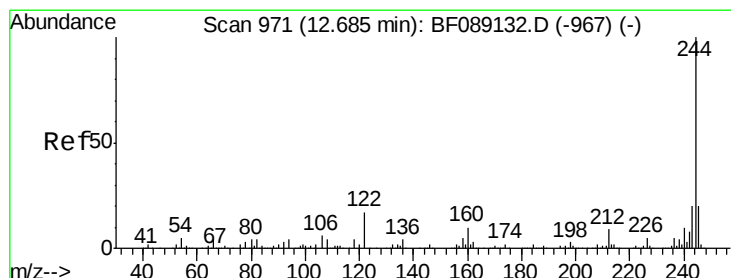
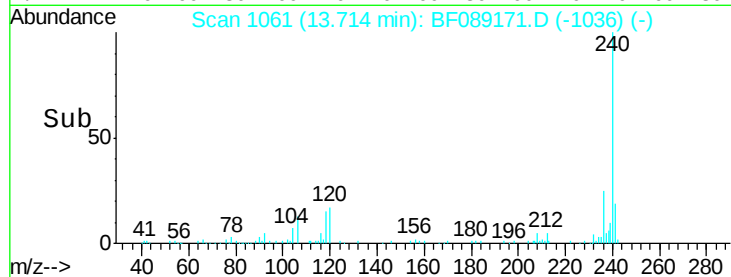
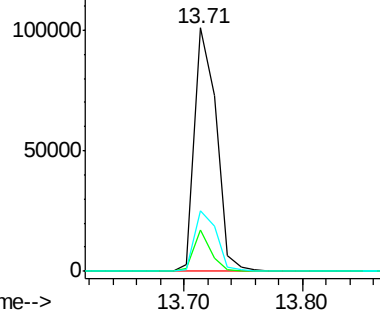
240 100

120 16.8 13.6 20.4

236 25.1 20.5 30.7



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: 64.28 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

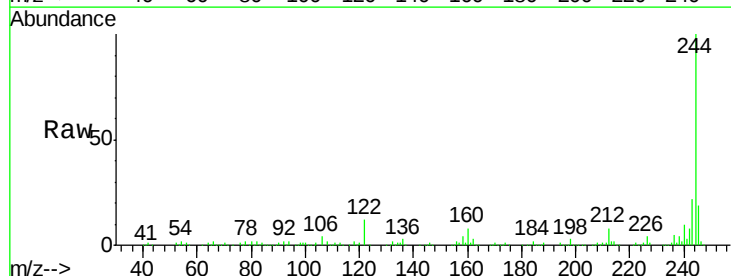
Tgt Ion:244 Resp: 379191

Ion Ratio Lower Upper

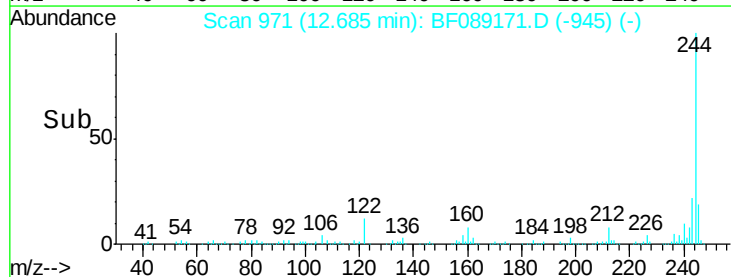
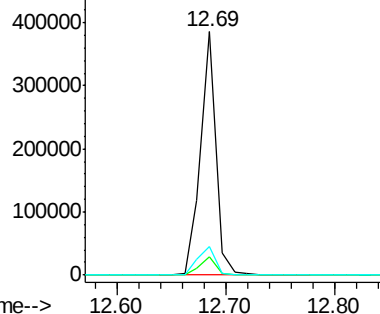
244 100

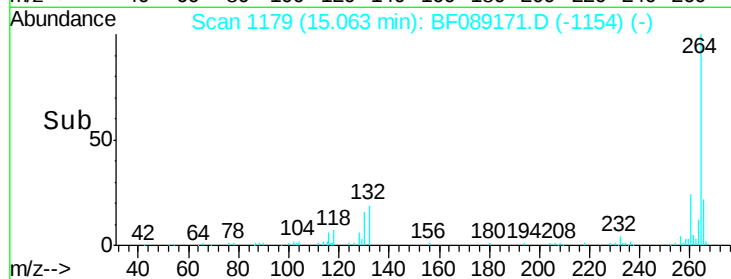
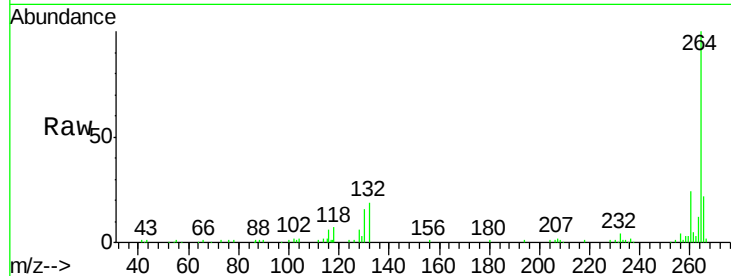
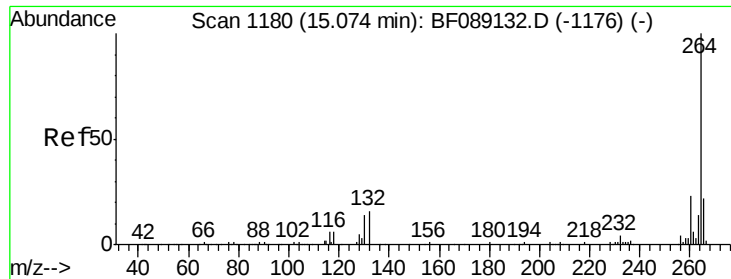
212 7.7 7.0 10.4

122 11.8 13.8 20.8#



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

Pervlene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF089171.D

Acq: 21 Jul 2016 10:45

Instrument :

BNA_F

ClientSampleId :

TS-05

Tot Ion:264 Resp: 96129

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.1 17.3 25.9

