

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089232.D
 Acq On : 23 Jul 2016 12:28
 Operator : UM/SJ
 Sample : H4120-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Jul 25 03:57:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

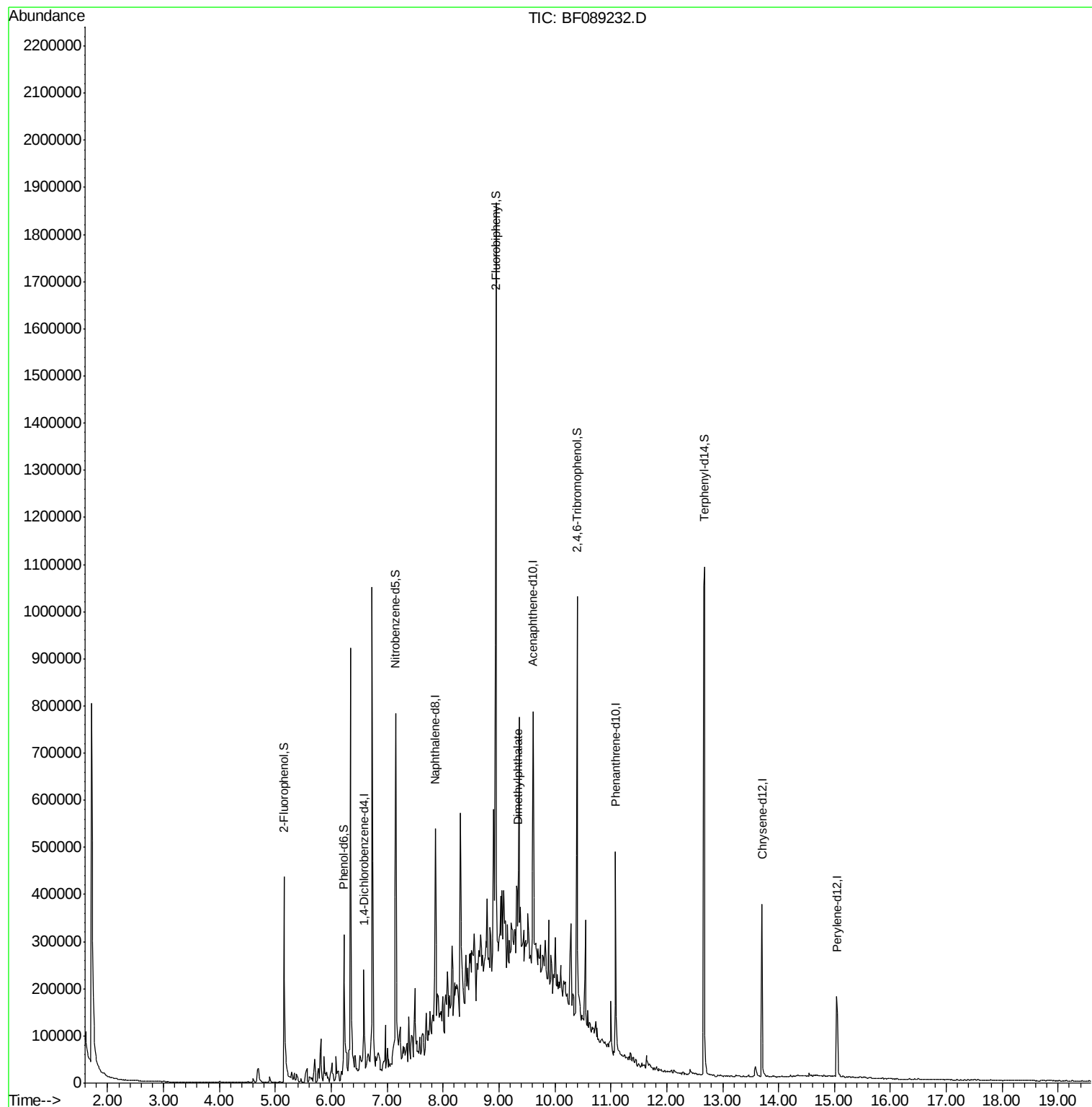
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45460	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	191716	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	97504	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	182100	20.00	ng	0.00
75) Chrysene-d12	13.70	240	133086	20.00	ng	-0.01
86) Perylene-d12	15.04	264	93722	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	199281	66.67	ng	0.00
7) Phenol-d6	6.23	99	181178	47.00	ng	-0.01
23) Nitrobenzene-d5	7.15	82	361809	100.27	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	103518	117.92	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	615570	86.99	ng	0.00
78) Terphenyl-d14	12.67	244	518976	84.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.35	163	24306	3.25	ng	Qvalue # 93

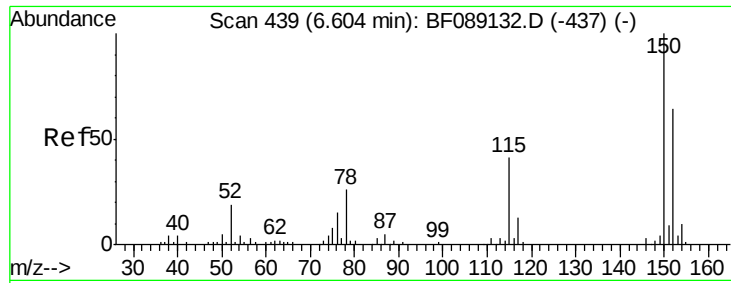
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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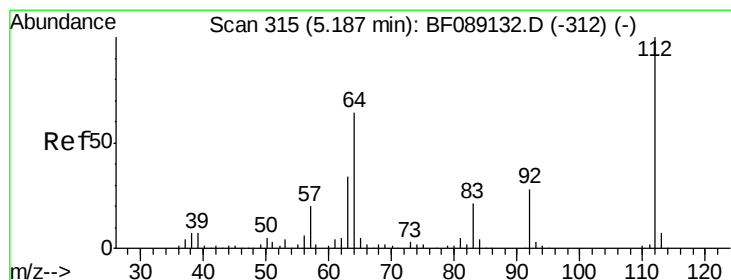
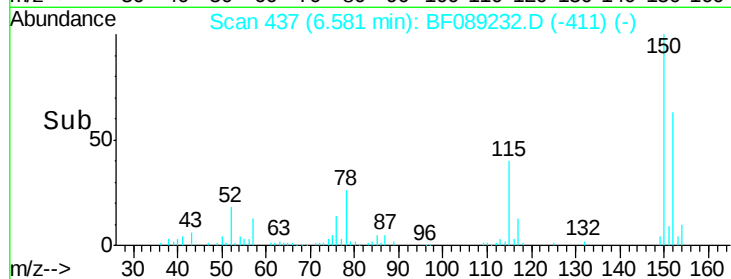
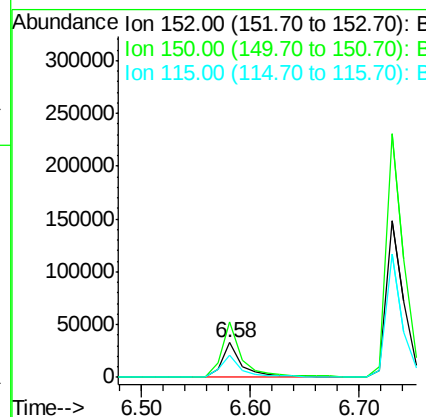
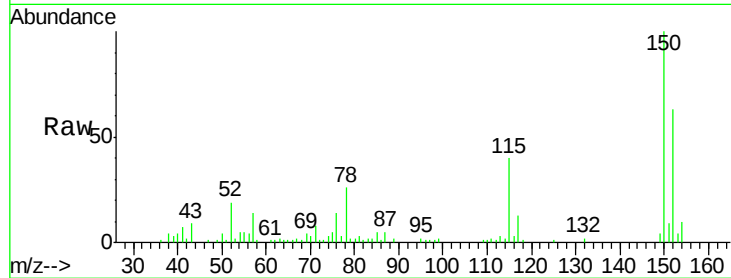


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF089232.D
Acq: 23 Jul 2016 12:28

Instrument :
BNA_F
ClientSampleId :
DUP-01

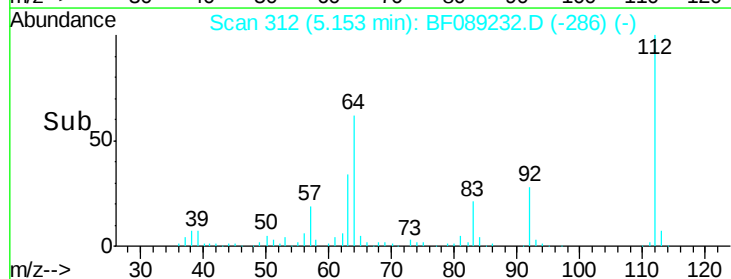
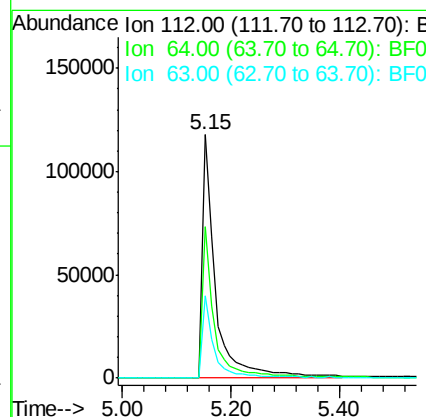
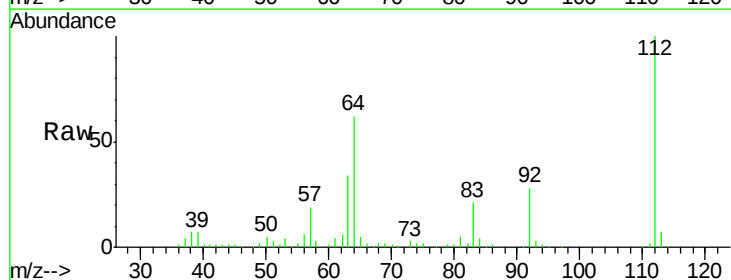
Tgt Ion:152 Resp: 45460
Ion Ratio Lower Upper
152 100
150 159.7 125.1 187.7
115 63.8 51.1 76.7

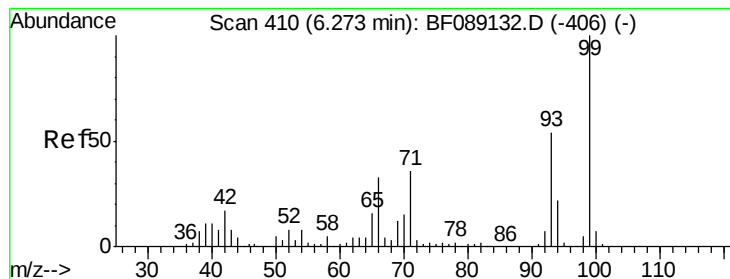


#5

2-Fluorophenol
Concen: 66.67 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.00 min
Lab File: BF089232.D
Acq: 23 Jul 2016 12:28

Tgt Ion:112 Resp: 199281
Ion Ratio Lower Upper
112 100
64 62.3 51.0 76.4
63 33.7 27.3 40.9





#7

Phenol-d6

Concen: 47.00 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF089232.D

Acq: 23 Jul 2016 12:28

Instrument :

BNA_F

ClientSampleId :

DUP-01

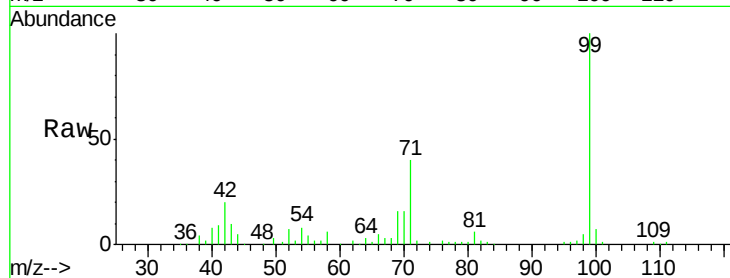
Tgt Ion: 99 Resp: 181178

Ion Ratio Lower Upper

99 100

42 19.9 13.5 20.3

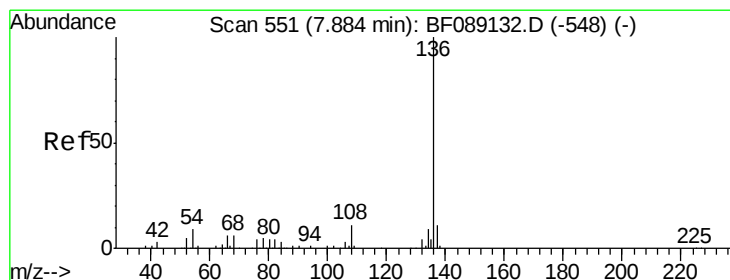
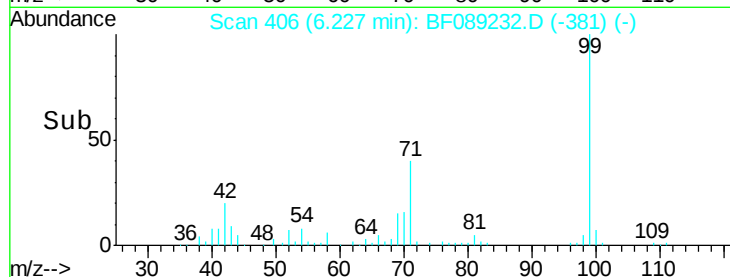
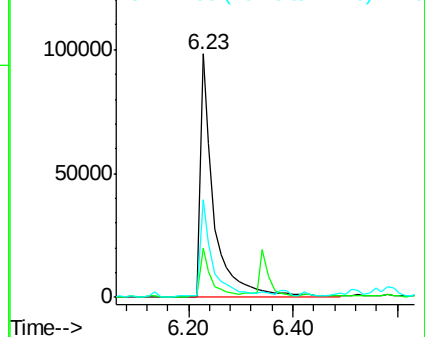
71 40.1 28.9 43.3



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: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089232.D

Acq: 23 Jul 2016 12:28

Tgt Ion: 136 Resp: 191716

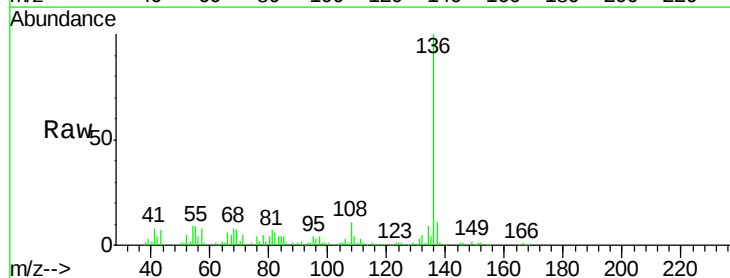
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.1 7.0 10.4

68 7.8 5.0 7.6#

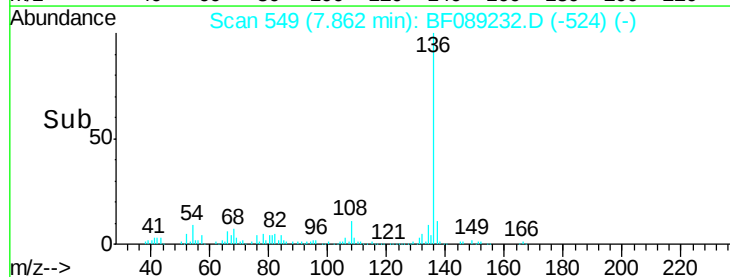
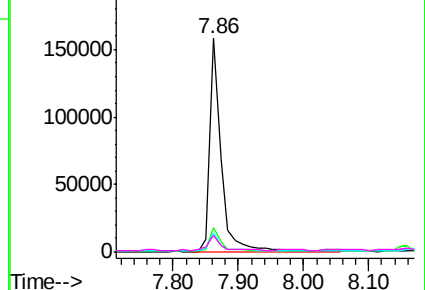


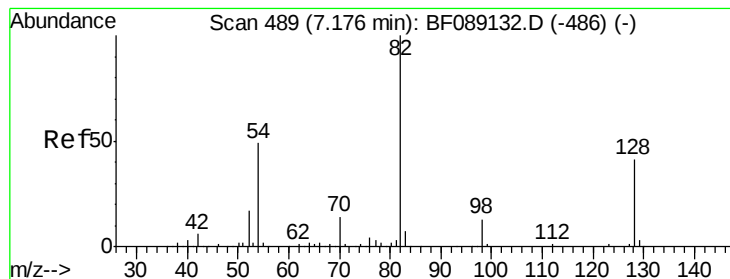
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.27 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF089232.D

Acq: 23 Jul 2016 12:28

Instrument :

BNA_F

ClientSampleId :

DUP-01

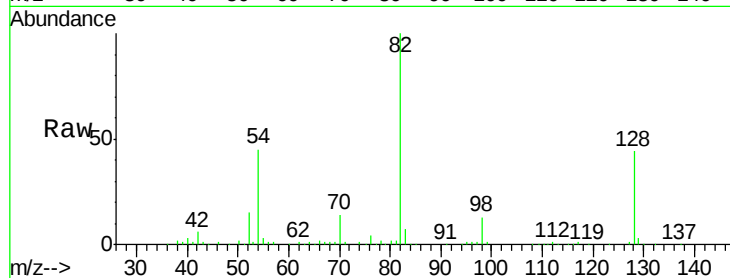
Tgt Ion: 82 Resp: 361809

Ion Ratio Lower Upper

82 100

128 44.0 33.0 49.6

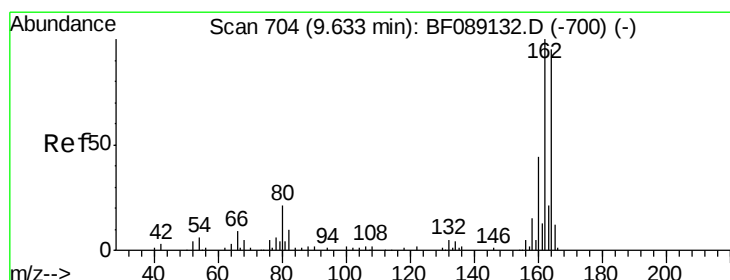
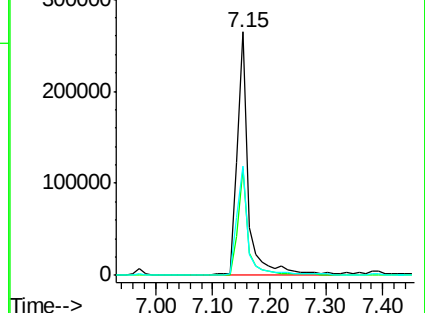
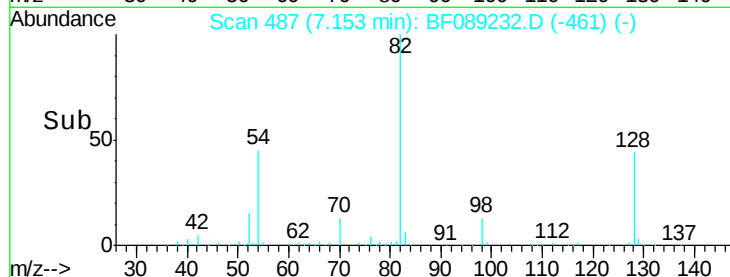
54 45.1 39.0 58.4



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: 9.61 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF089232.D

Acq: 23 Jul 2016 12:28

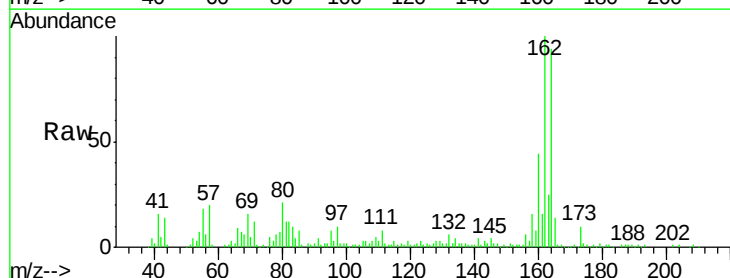
Tgt Ion: 164 Resp: 97504

Ion Ratio Lower Upper

164 100

162 106.0 84.1 126.1

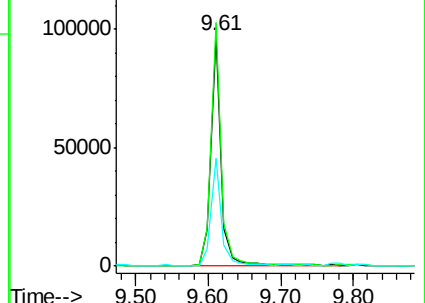
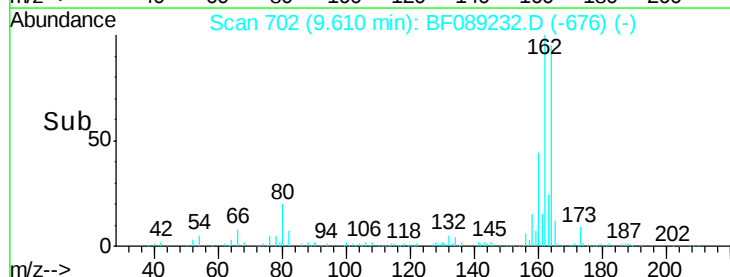
160 46.9 37.1 55.7

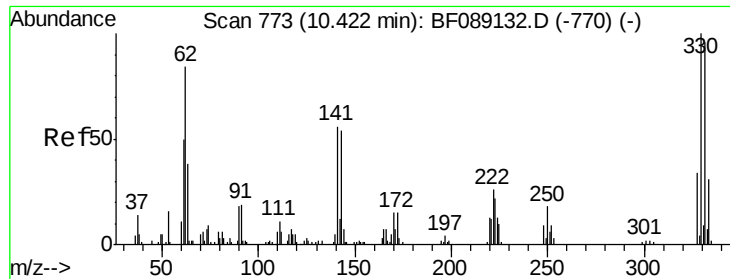


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

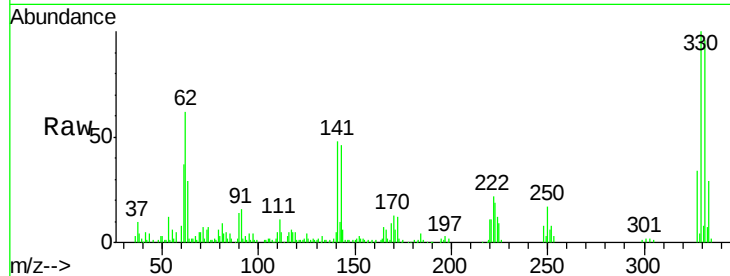




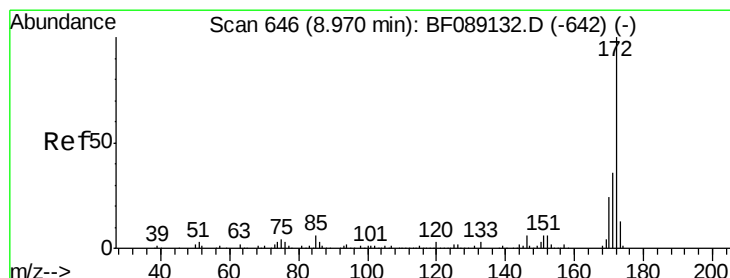
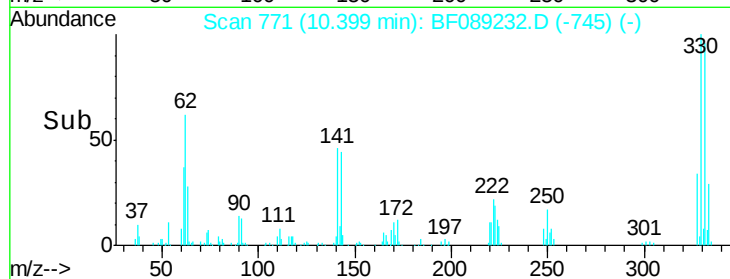
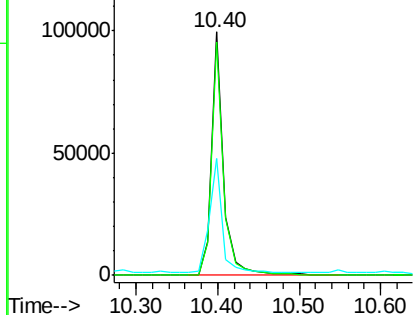
#41
 2,4,6-Tribromophenol
 Concen: 117.92 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF089232.D
 Acq: 23 Jul 2016 12:28

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tgt Ion:330 Resp: 103518
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 50.7 42.2 63.2

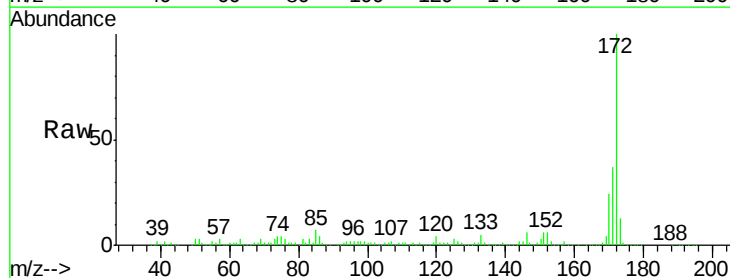


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

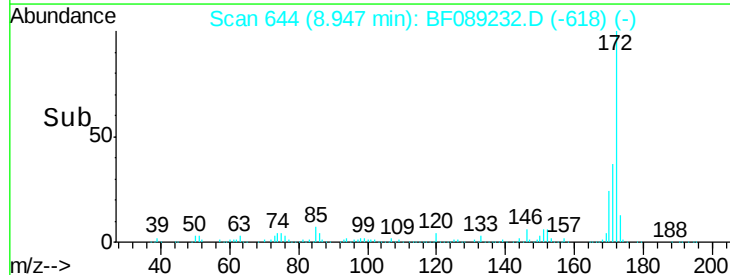
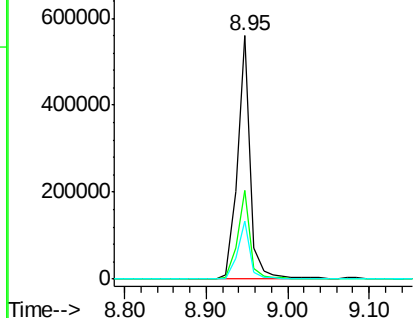


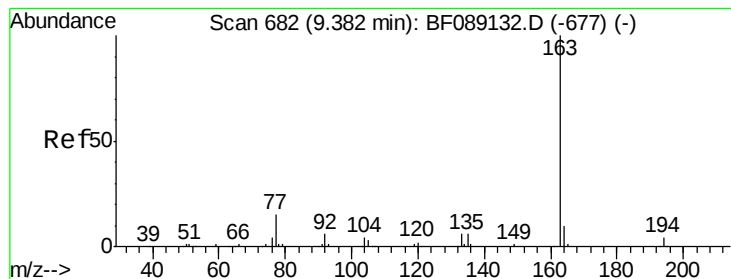
#44
 2-Fluorobiphenyl
 Concen: 86.99 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF089232.D
 Acq: 23 Jul 2016 12:28

Tgt Ion:172 Resp: 615570
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.8 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: 3.25 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF089232.D

Acq: 23 Jul 2016 12:28

Instrument :

BNA_F

ClientSampleId :

DUP-01

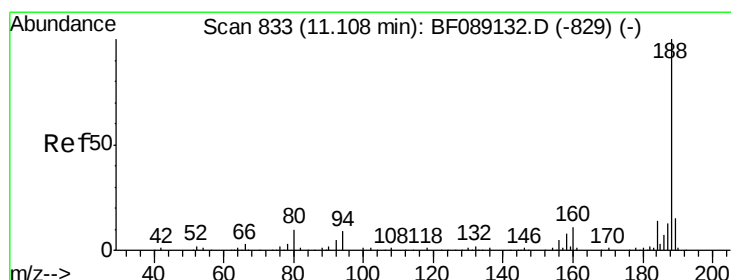
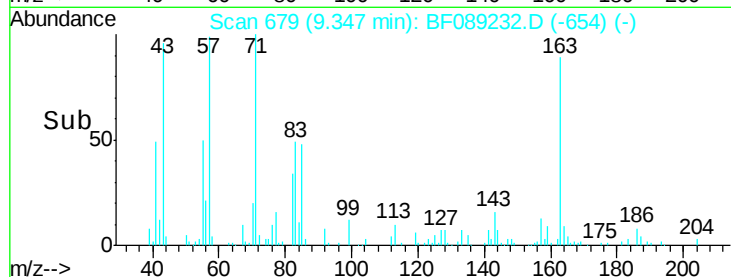
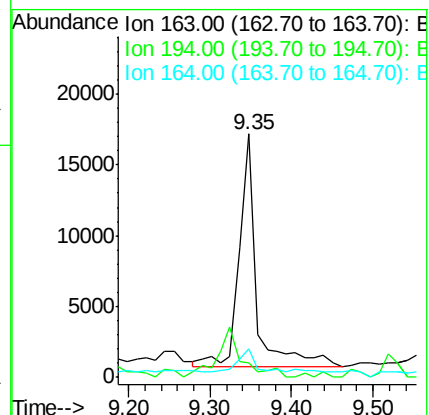
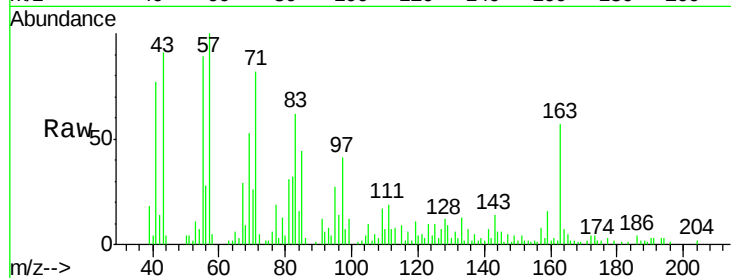
Tgt Ion:163 Resp: 24306

Ion Ratio Lower Upper

163 100

194 6.0 2.9 4.3#

164 11.9 7.6 11.4#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF089232.D

Acq: 23 Jul 2016 12:28

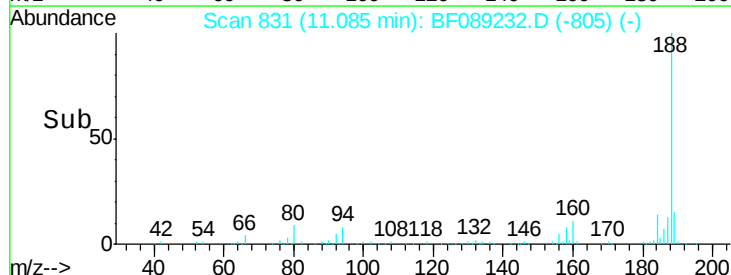
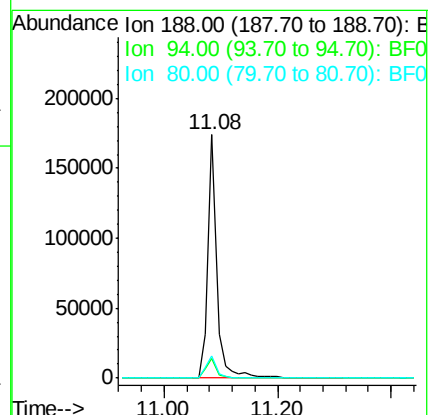
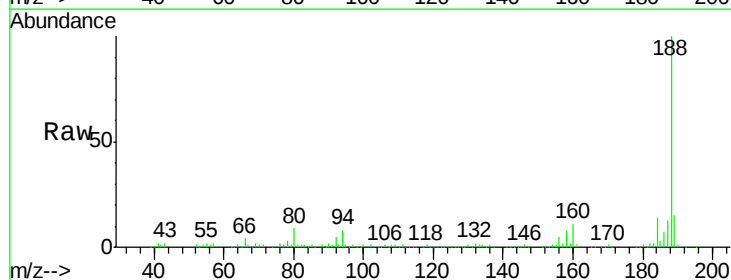
Tgt Ion:188 Resp: 182100

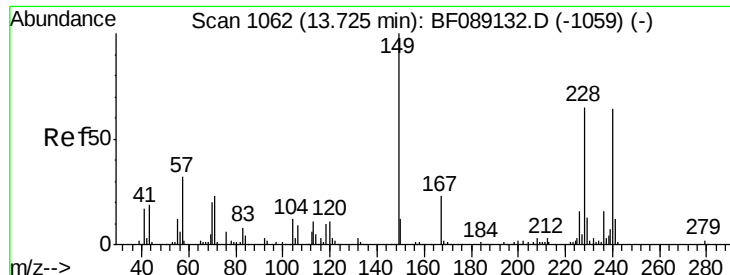
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 9.1 7.7 11.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF089232.D

Acq: 23 Jul 2016 12:28

Instrument :

BNA_F

ClientSampleId :

DUP-01

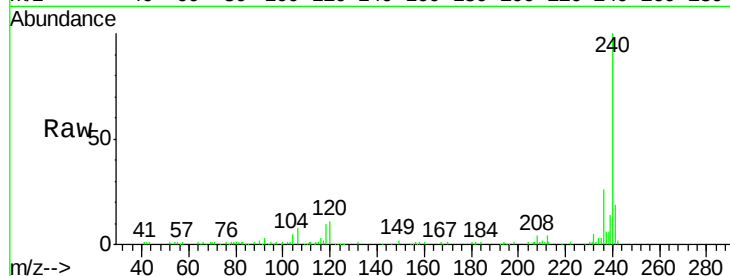
Tgt Ion:240 Resp: 133086

Ion Ratio Lower Upper

240 100

120 10.8 13.6 20.4#

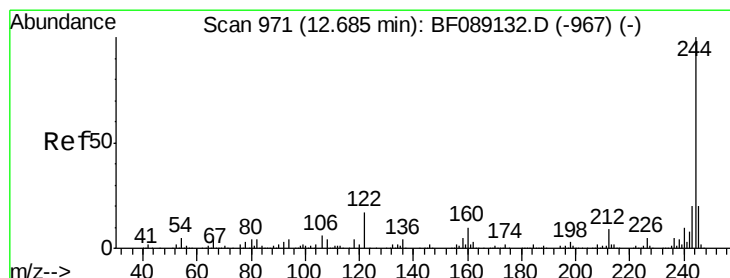
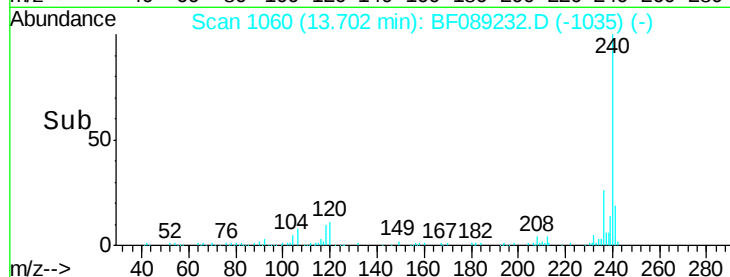
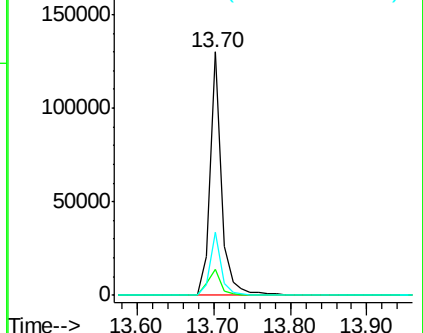
236 25.8 20.5 30.7



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: 84.58 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF089232.D

Acq: 23 Jul 2016 12:28

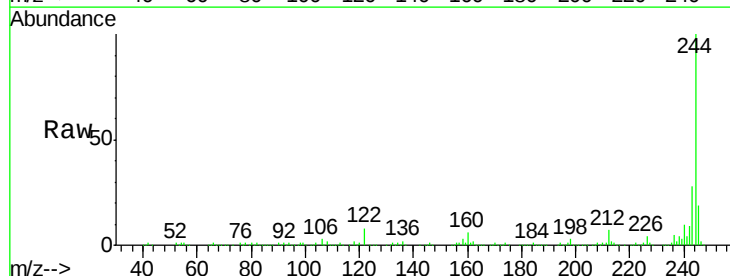
Tgt Ion:244 Resp: 518976

Ion Ratio Lower Upper

244 100

212 7.3 7.0 10.4

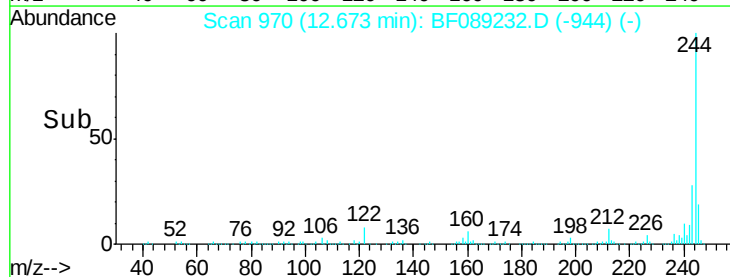
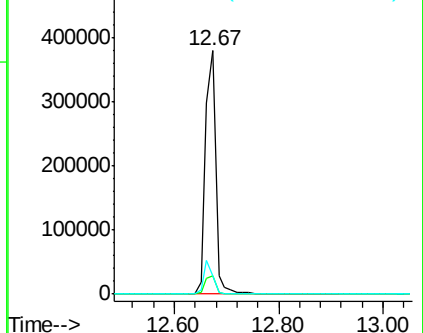
122 7.6 13.8 20.8#

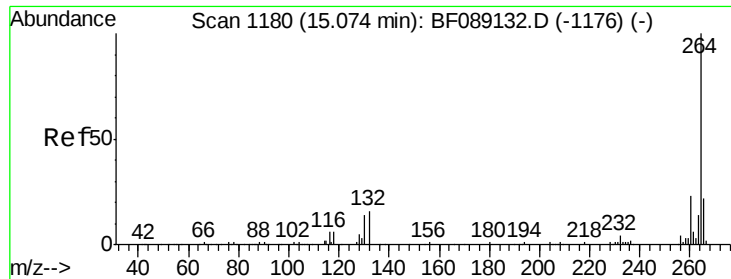


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

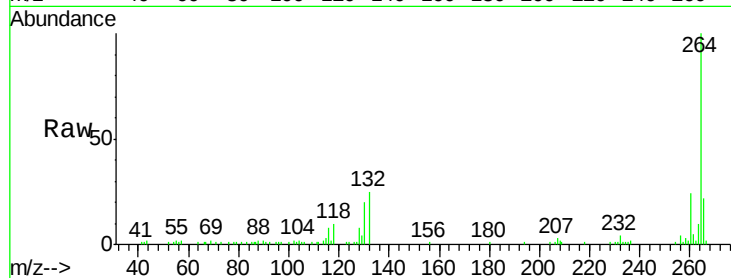




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF089232.D
Acq: 23 Jul 2016 12:28

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion: 264 Resp: 93722
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 21.8 17.3 25.9



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

