

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086739.D
 Acq On : 6 May 2016 22:28
 Operator : UM/SJ
 Sample : H2770-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Quant Time: May 07 04:07:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

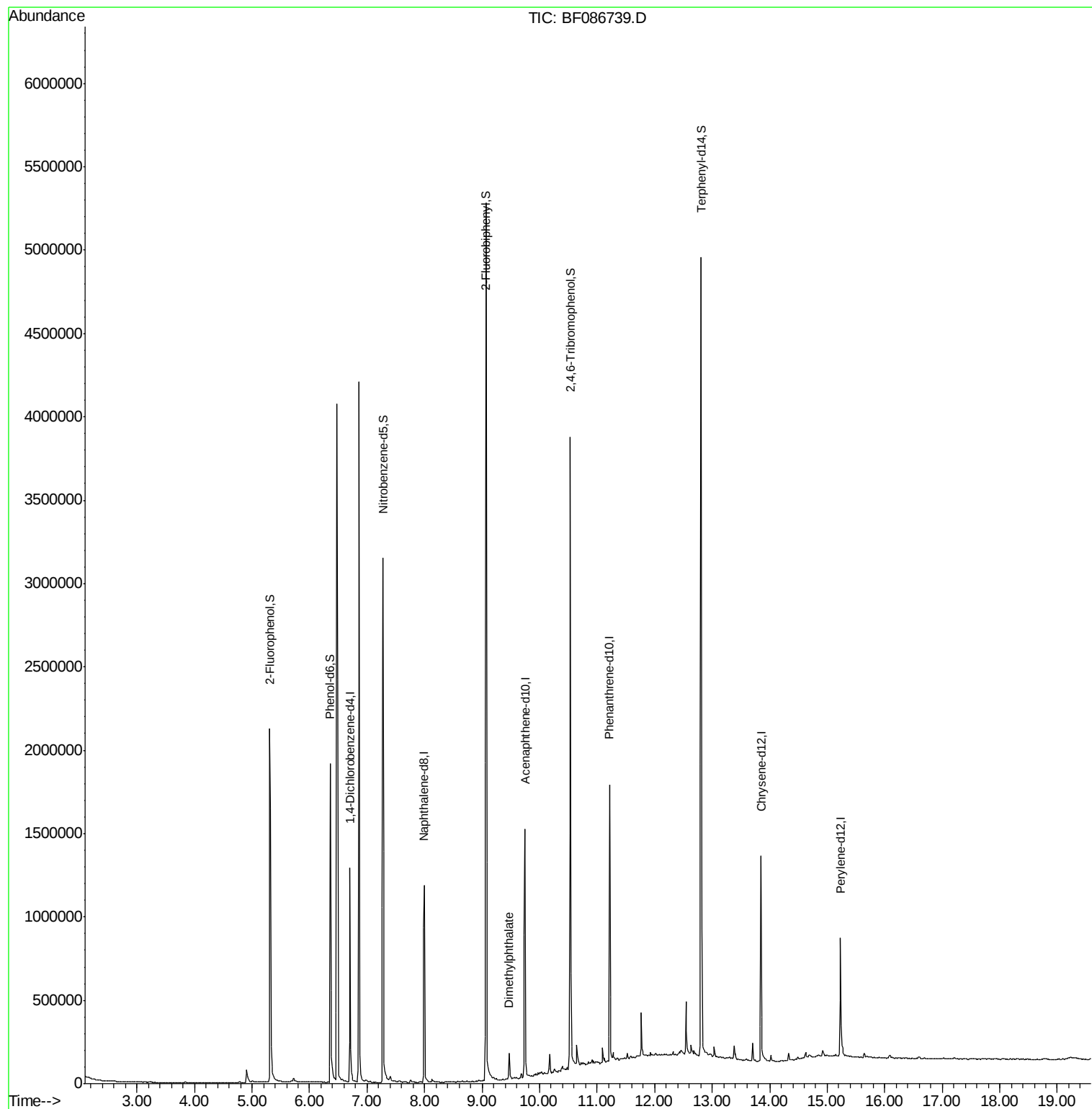
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	181152	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	746052	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	360822	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	588772	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	448146	40.00	ng	-0.01
86) Perylene-d12	15.23	264	339942	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	749152	68.46	ng	-0.01
7) Phenol-d6	6.36	99	637049	43.22	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1270941	87.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	462124	130.93	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1972117	89.59	ng	-0.01
78) Terphenyl-d14	12.81	244	1605475	72.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	66568	2.47	ng	Qvalue 99

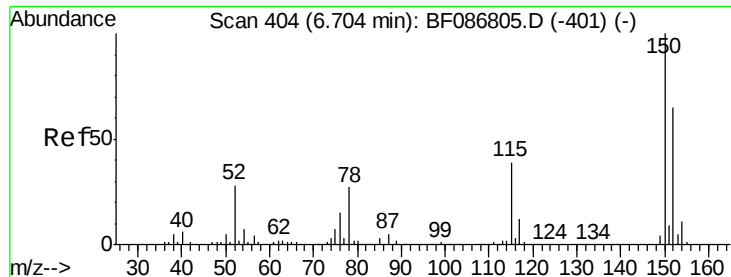
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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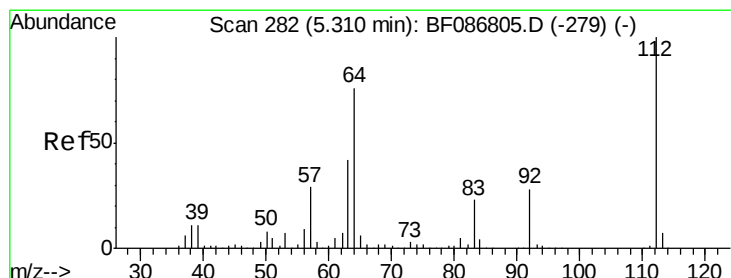
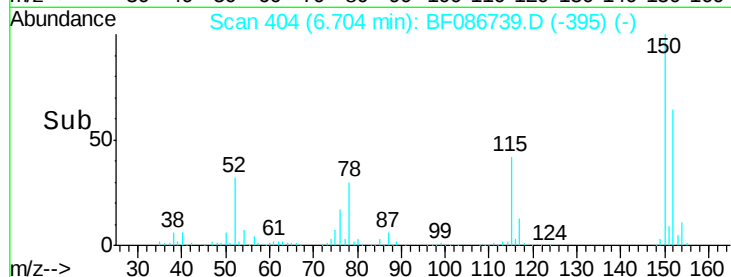
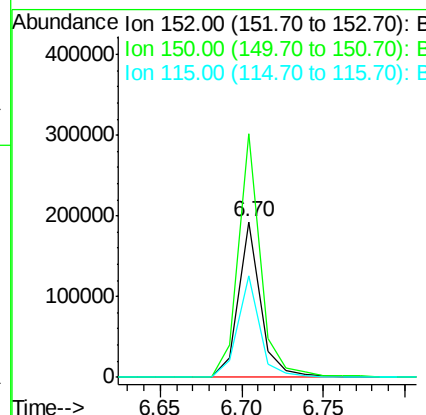
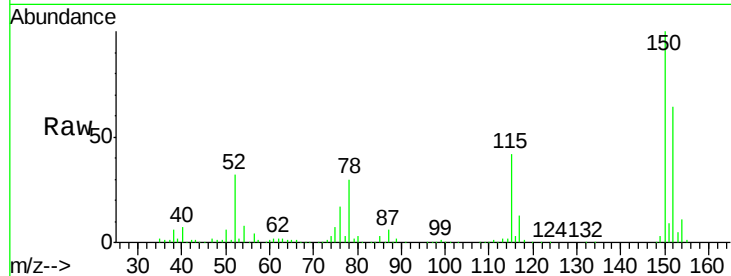




#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086739.D
 Acq: 6 May 2016 22:28

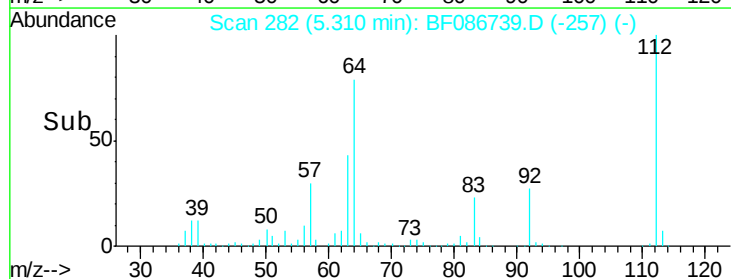
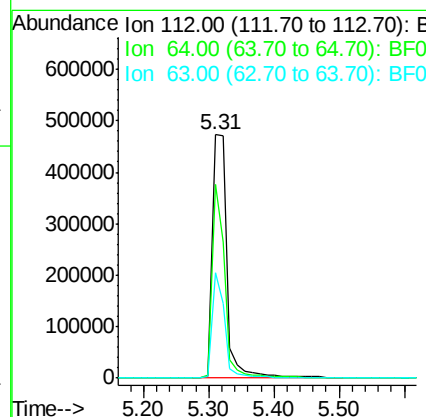
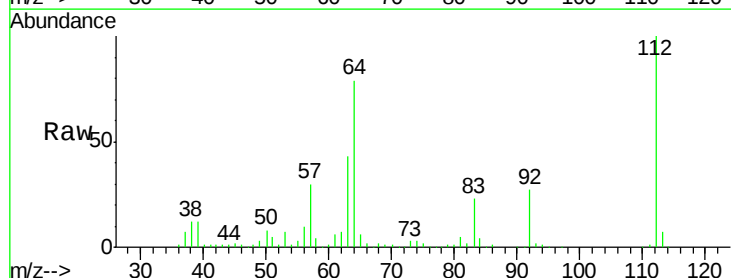
Instrument :
 BNA_F
 ClientSampleId :
 MW3

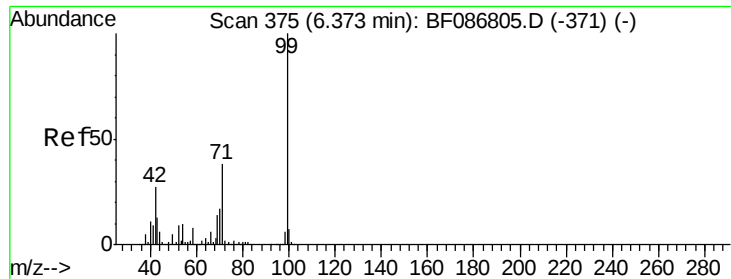
Tgt Ion:152 Resp: 181152
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.8 188.6
 115 65.1 51.5 77.3



#5
 2-Fluorophenol
 Concen: 68.46 ng
 RT: 5.31 min Scan# 282
 Delta R.T. -0.01 min
 Lab File: BF086739.D
 Acq: 6 May 2016 22:28

Tgt Ion:112 Resp: 749152
 Ion Ratio Lower Upper
 112 100
 64 79.4 52.1 78.1#
 63 43.4 25.7 38.5#





#7

Phenol-d6

Concen: 43.22 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086739.D

Acq: 6 May 2016 22:28

Instrument :

BNA_F

ClientSampleId :

MW3

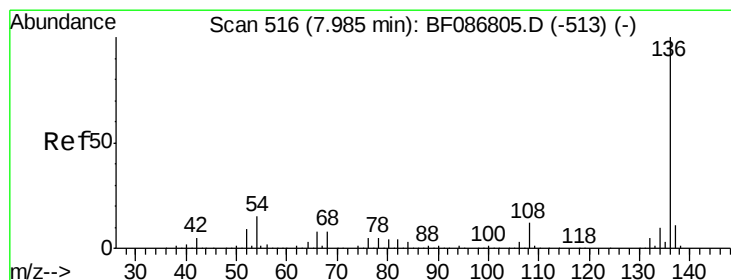
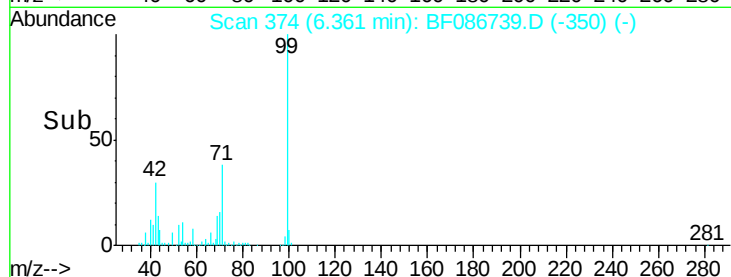
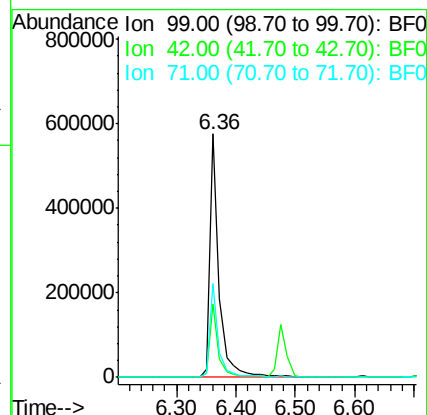
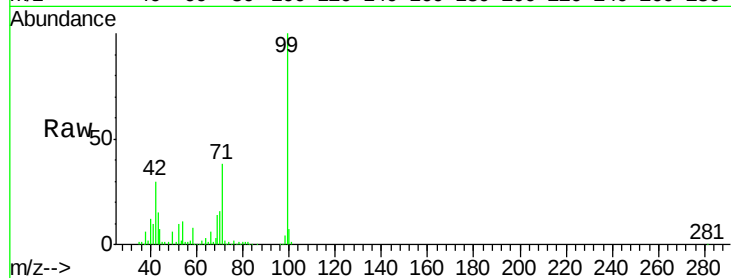
Tgt Ion: 99 Resp: 637049

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

71 38.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF086739.D

Acq: 6 May 2016 22:28

Tgt Ion: 136 Resp: 746052

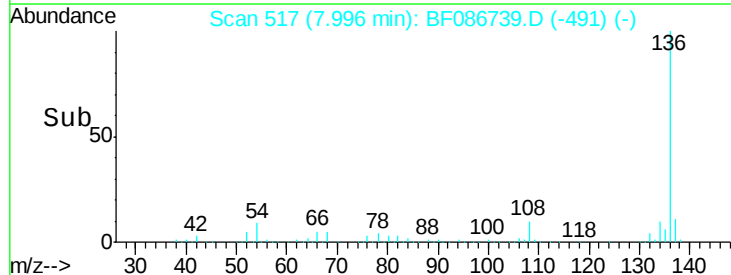
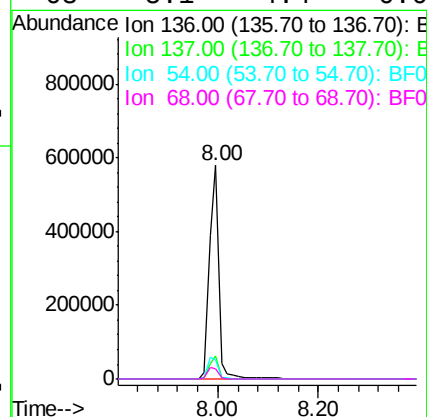
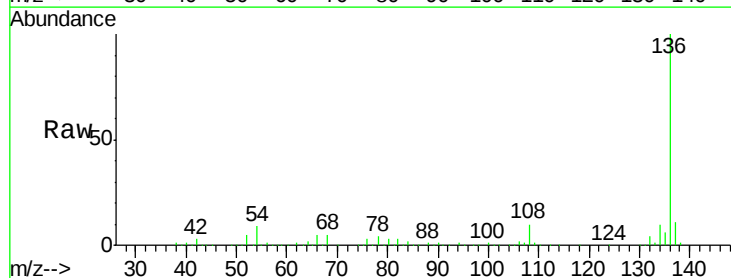
Ion Ratio Lower Upper

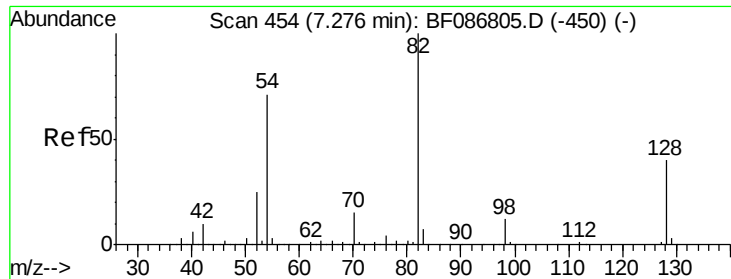
136 100

137 10.9 8.8 13.2

54 8.8 5.0 7.4#

68 5.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 87.54 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086739.D

Acq: 6 May 2016 22:28

Instrument :

BNA_F

ClientSampleId :

MW3

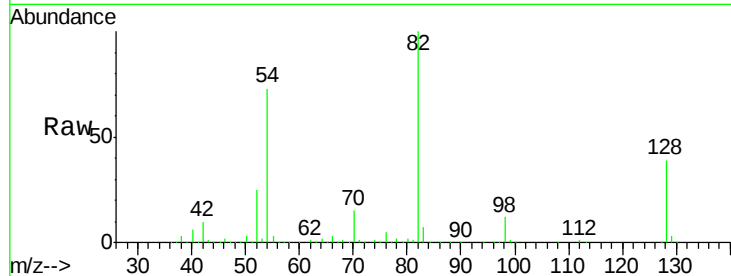
Tgt Ion: 82 Resp: 1270941

Ion Ratio Lower Upper

82 100

128 38.8 40.6 61.0#

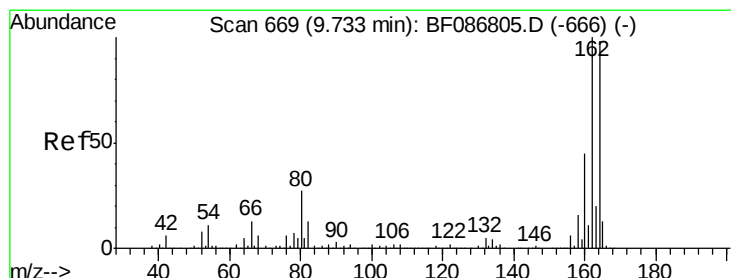
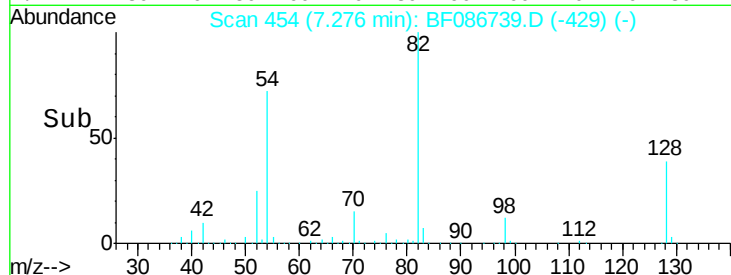
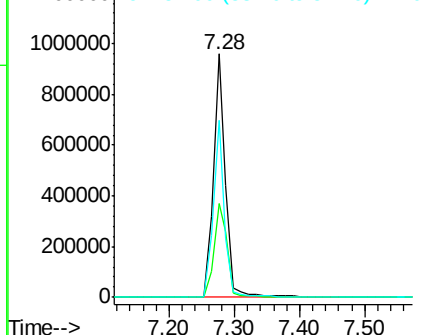
54 72.5 38.1 57.1#



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: 40.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF086739.D

Acq: 6 May 2016 22:28

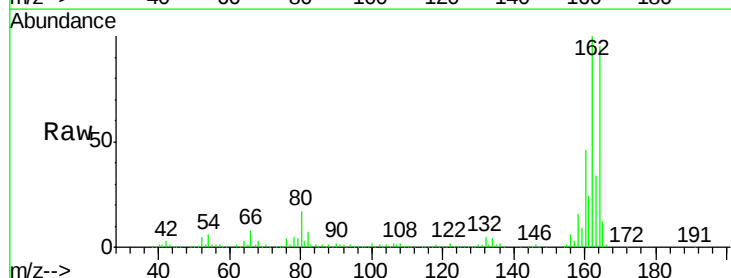
Tgt Ion: 164 Resp: 360822

Ion Ratio Lower Upper

164 100

162 104.9 82.8 124.2

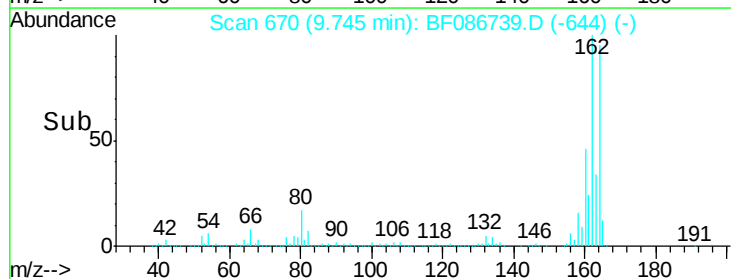
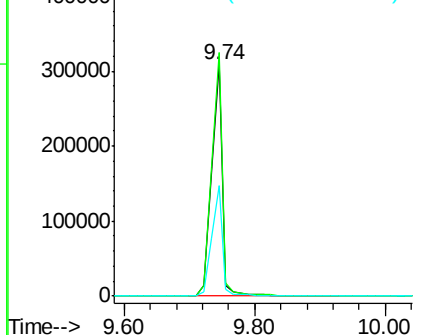
160 47.8 36.9 55.3

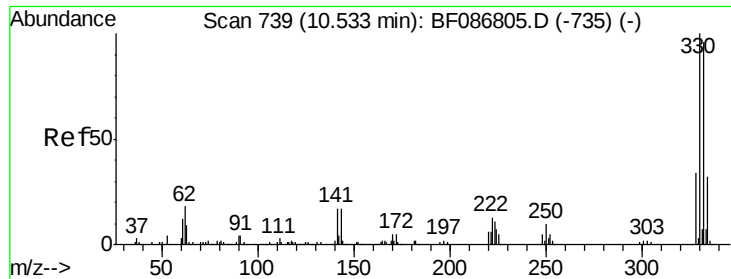


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

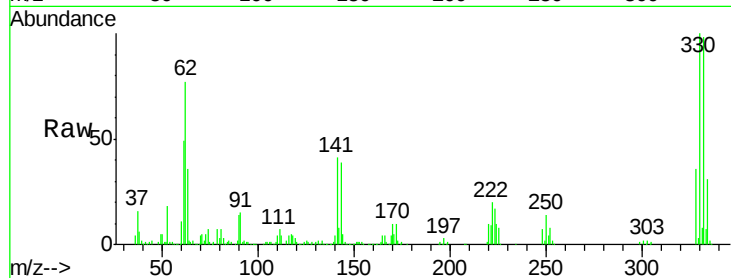




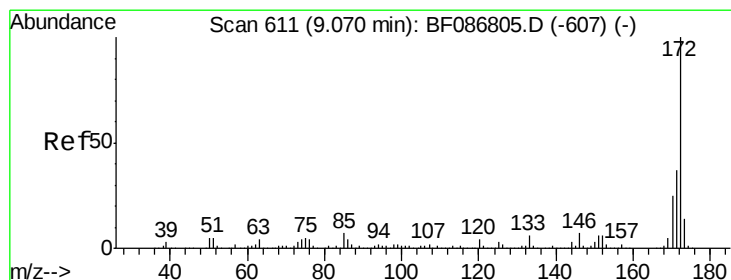
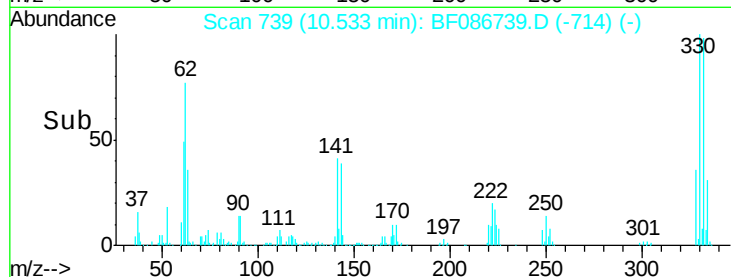
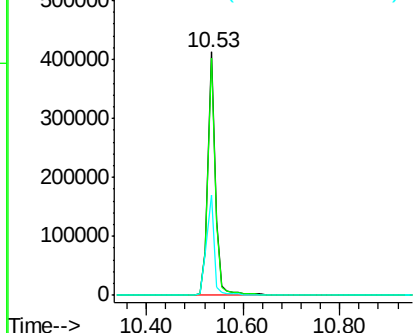
#41
 2,4,6-Tribromophenol
 Concen: 130.93 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086739.D
 Acq: 6 May 2016 22:28

Instrument :
 BNA_F
 ClientSampled :
 MW3

Tgt Ion:330 Resp: 462124
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 40.9 31.2 46.8

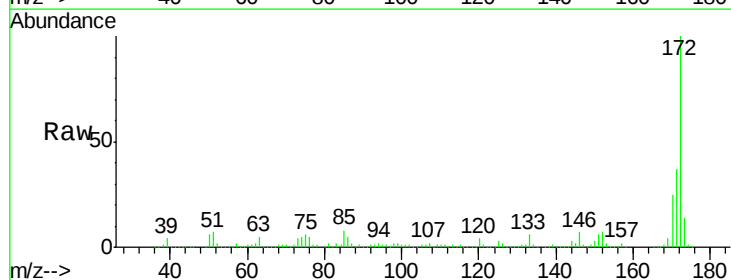


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

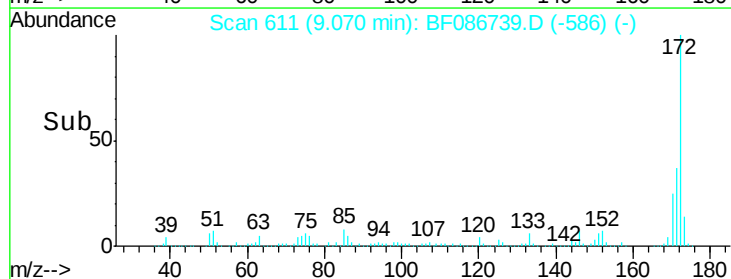
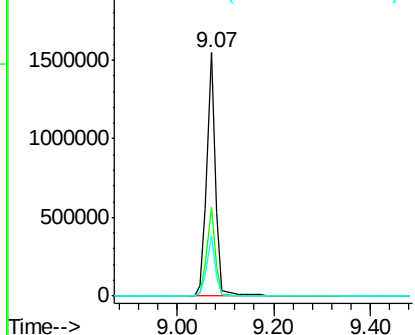


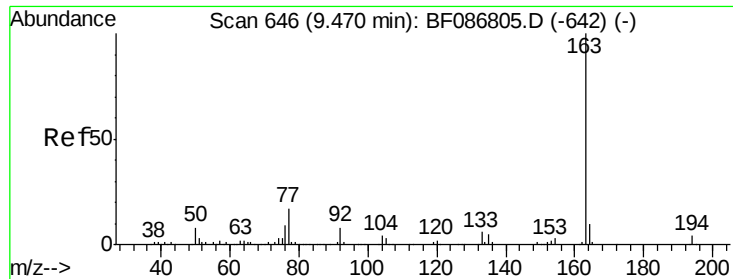
#44
 2-Fluorobiphenyl
 Concen: 89.59 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086739.D
 Acq: 6 May 2016 22:28

Tgt Ion:172 Resp: 1972117
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.7 19.8 29.8



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: 2.47 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF086739.D

Acq: 6 May 2016 22:28

Instrument :

BNA_F

ClientSampleId :

MW3

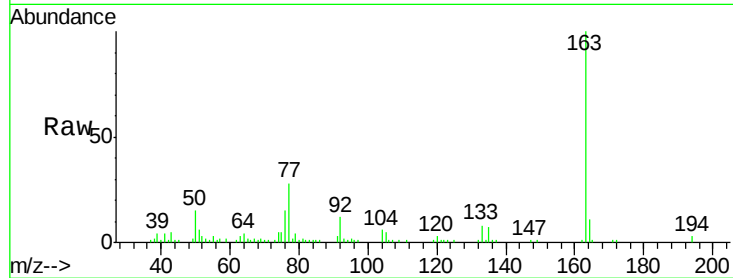
Tgt Ion:163 Resp: 66568

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

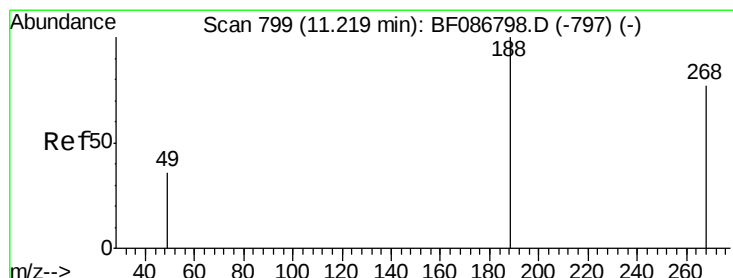
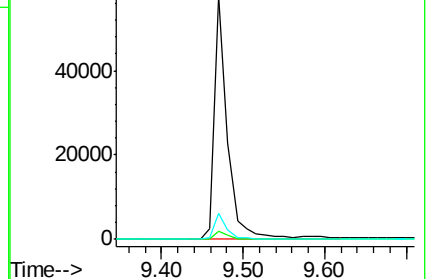
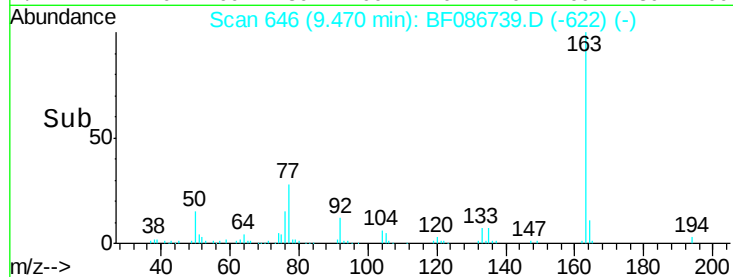
164 10.9 8.2 12.4



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: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086739.D

Acq: 6 May 2016 22:28

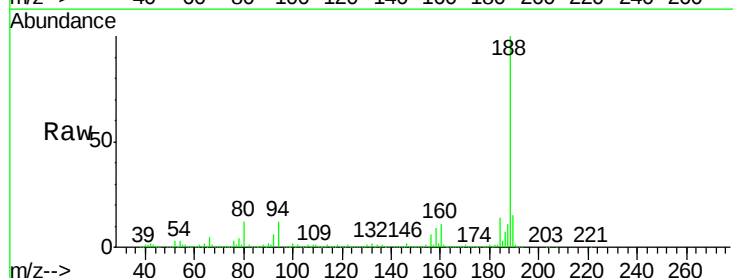
Tgt Ion:188 Resp: 588772

Ion Ratio Lower Upper

188 100

94 11.7 6.8 10.2#

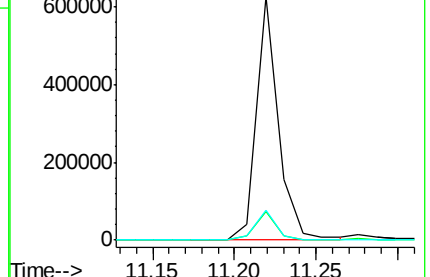
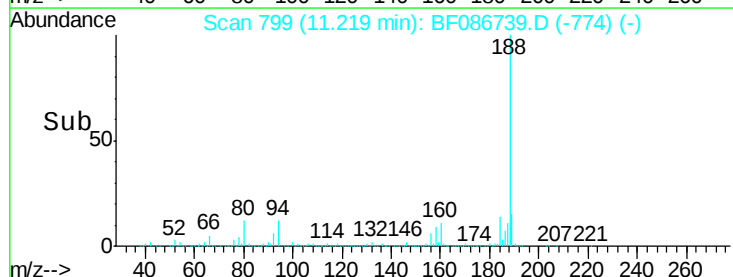
80 12.3 7.1 10.7#

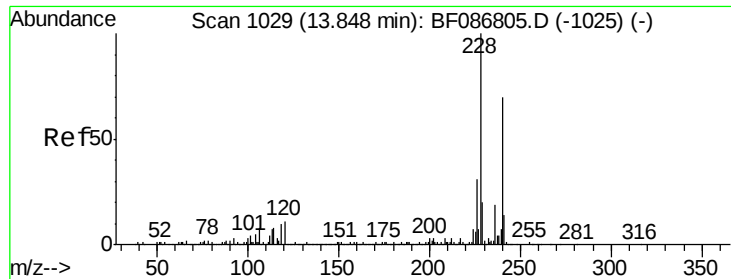


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086739.D

Acq: 6 May 2016 22:28

Instrument :

BNA_F

ClientSampleId :

MW3

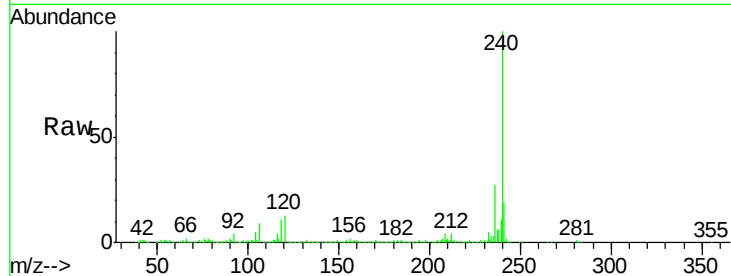
Tgt Ion:240 Resp: 448146

Ion Ratio Lower Upper

240 100

120 12.9 11.2 16.8

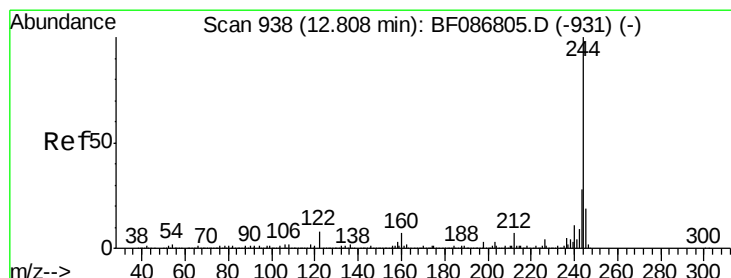
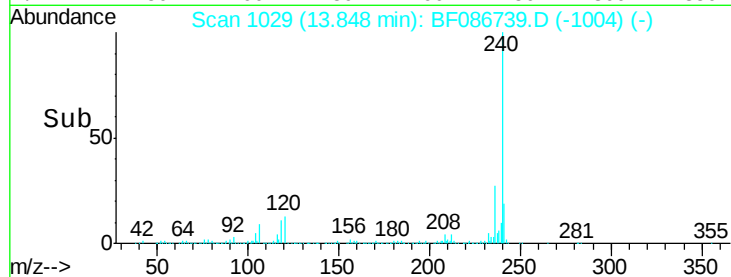
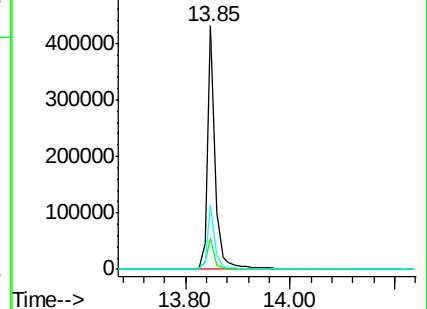
236 26.6 21.2 31.8



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: 72.40 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086739.D

Acq: 6 May 2016 22:28

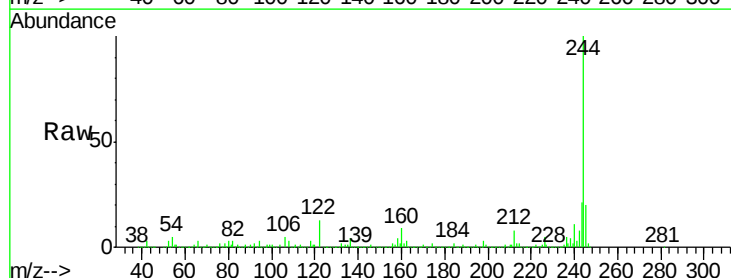
Tgt Ion:244 Resp: 1605475

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

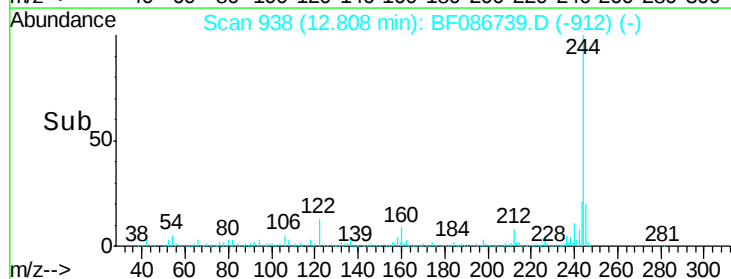
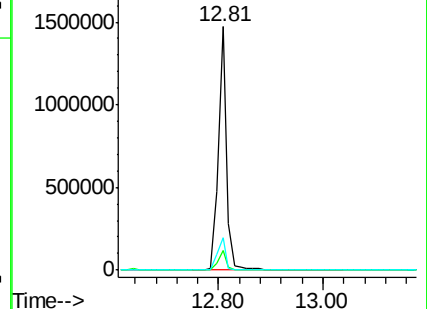
122 13.1 12.0 18.0

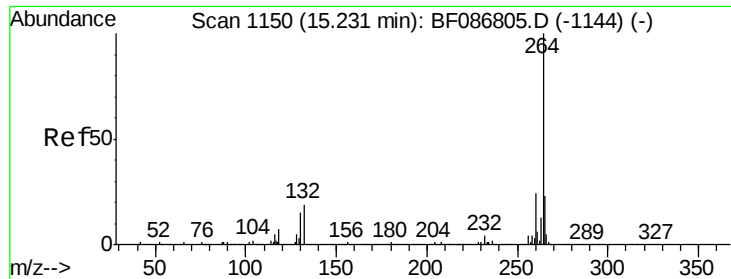


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

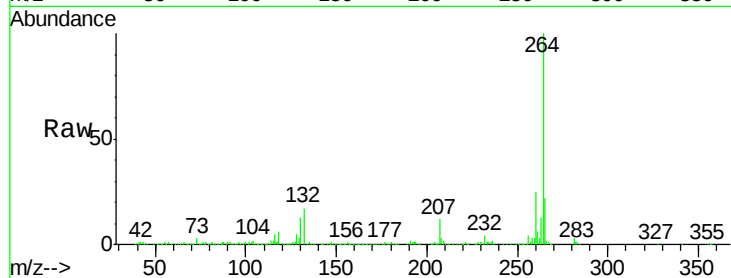




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF086739.D
Acq: 6 May 2016 22:28

Instrument :
BNA_F
ClientSampleId :
MW3

Tgt Ion: 264 Resp: 339942
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 21.9 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

