

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086138.D
 Acq On : 7 Apr 2016 19:07
 Operator : UM/SJ
 Sample : H2230-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-040116

Quant Time: Apr 08 03:14:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101872	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	414232	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	193085	20.00	ng	-0.03
63) Phenanthrene-d10	11.25	188	348861	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	267442	20.00	ng	-0.03
86) Perylene-d12	15.29	264	187427	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	428967	71.98	ng	-0.05
7) Phenol-d6	6.38	99	349019	46.10	ng	-0.03
23) Nitrobenzene-d5	7.31	82	729459	103.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	278035	153.42	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	1152559	99.25	ng	-0.03
78) Terphenyl-d14	12.84	244	942684	82.86	ng	-0.03

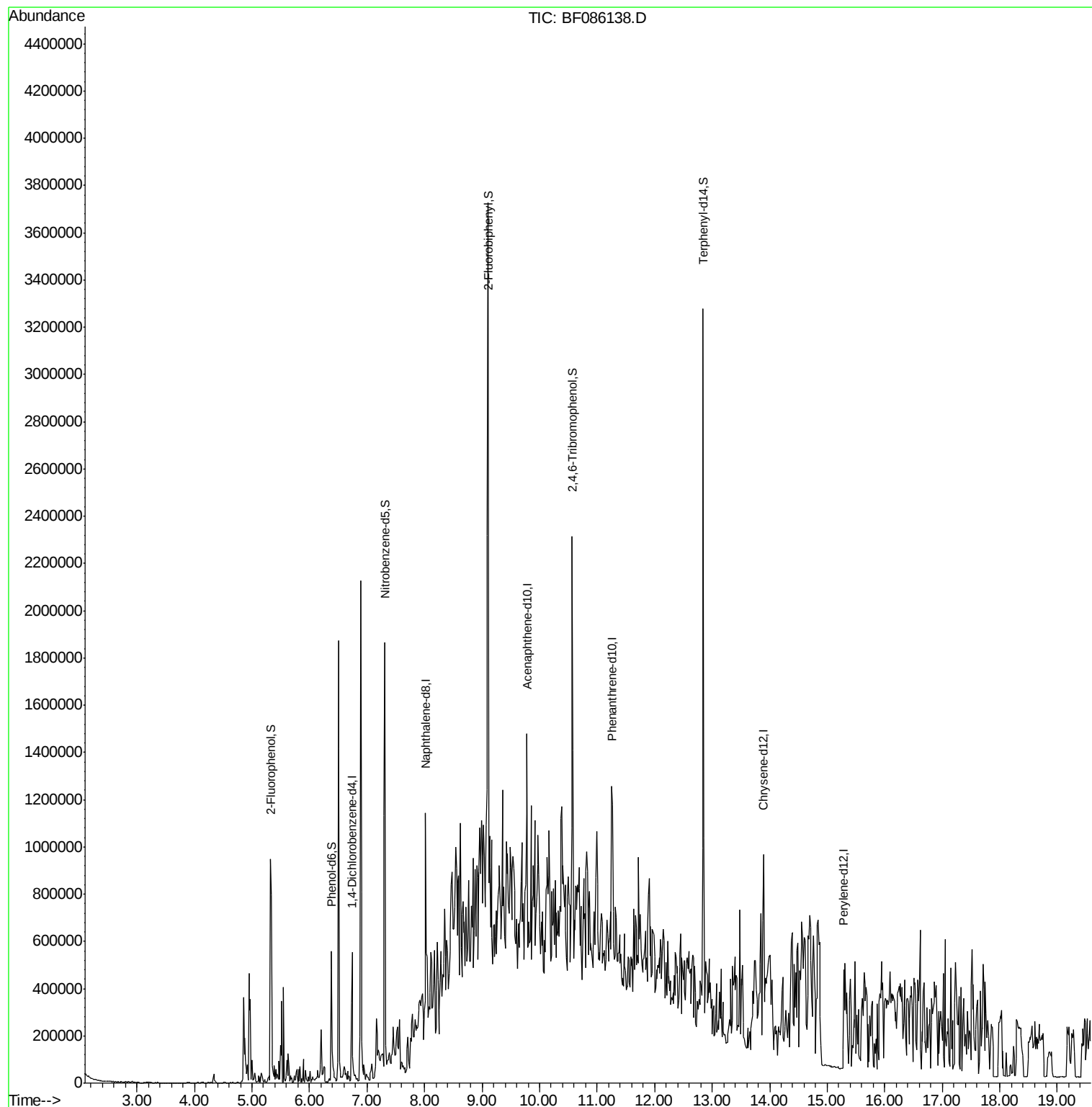
Target Compounds Qvalue

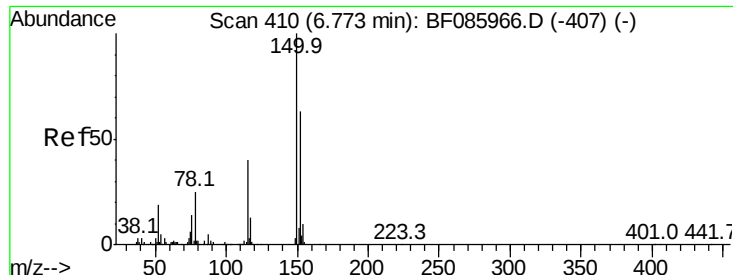
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086138.D
Acq On : 7 Apr 2016 19:07
Operator : UM/SJ
Sample : H2230-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1-040116

Quant Time: Apr 08 03:14:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration



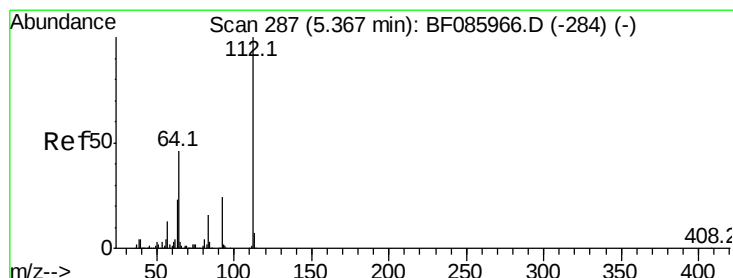
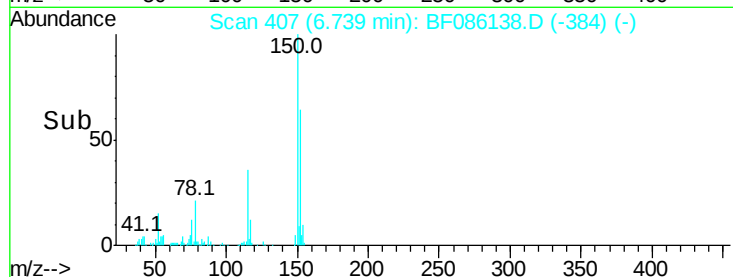
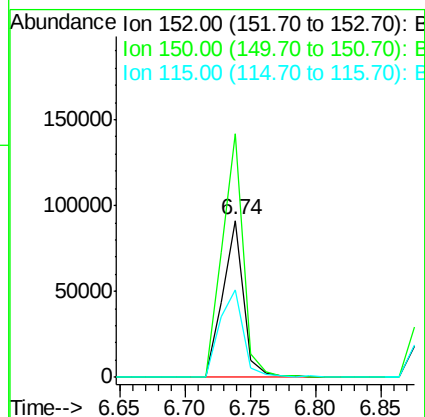
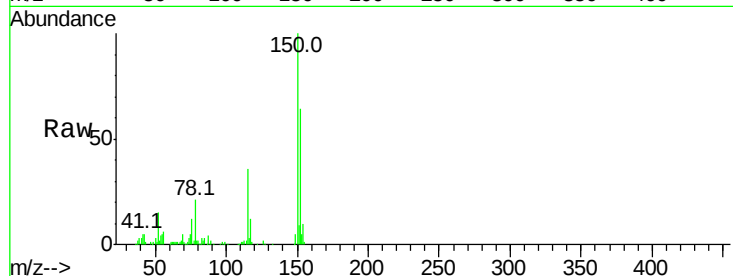


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086138.D
Acq: 7 Apr 2016 19:07

Instrument :
BNA_F
ClientSampleId :
MW-1-040116

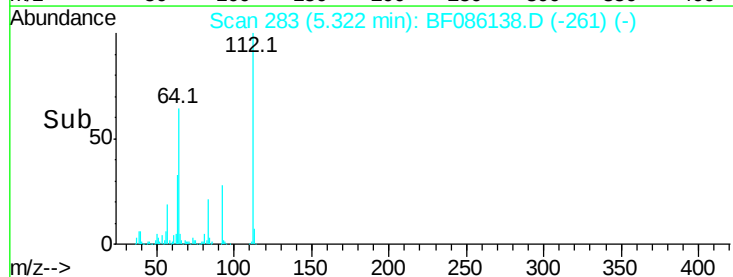
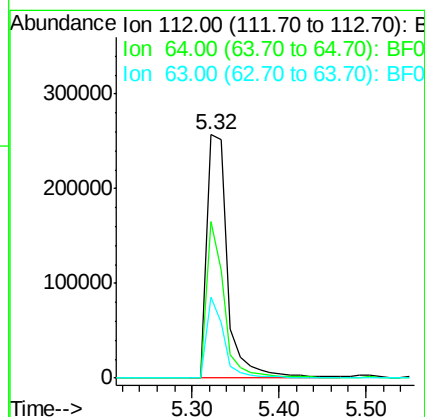
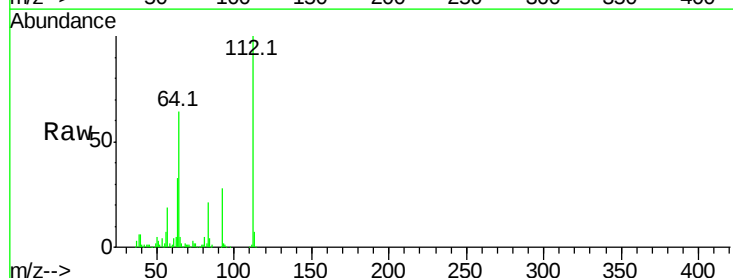
Tot Ion:152 Resp: 101872
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 55.9 47.0 70.6



#5

2-Fluorophenol
Concen: 71.98 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.05 min
Lab File: BF086138.D
Acq: 7 Apr 2016 19:07

Tgt Ion:112 Resp: 428967
Ion Ratio Lower Upper
112 100
64 64.4 39.9 59.9#
63 33.2 20.2 30.2#





#7

Phenol-d6

Concen: 46.10 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086138.D

Acq: 7 Apr 2016 19:07

Instrument :

BNA_F

ClientSampleId :

MW-1-040116

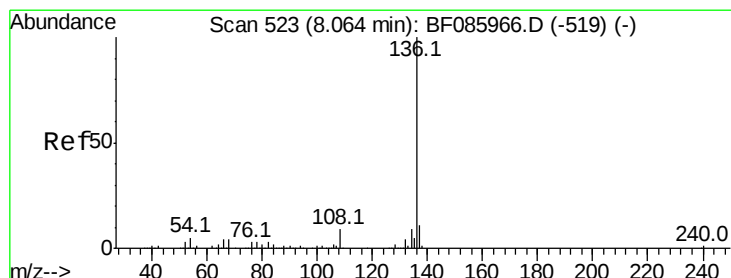
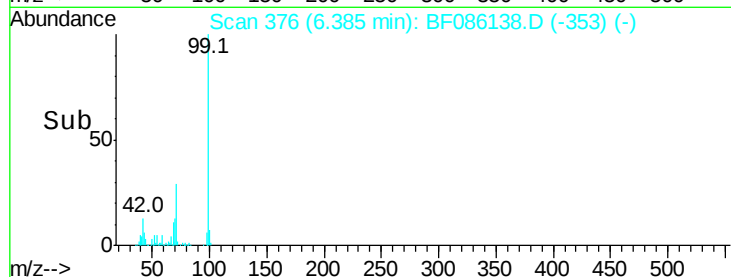
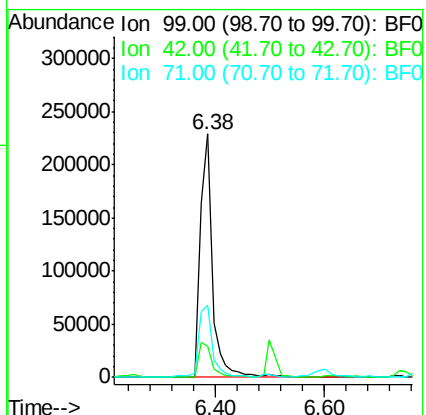
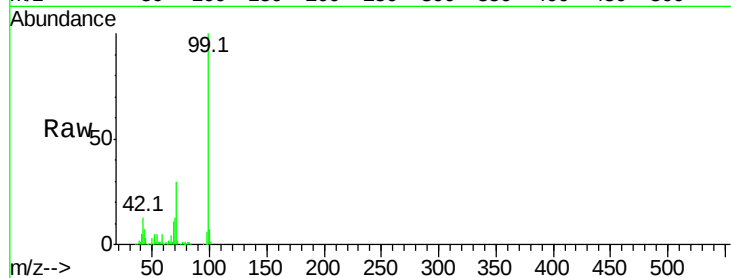
Tot Ion: 99 Resp: 349019

Ion Ratio Lower Upper

99 100

42 12.7 11.1 16.7

71 29.6 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086138.D

Acq: 7 Apr 2016 19:07

Tgt Ion: 136 Resp: 414232

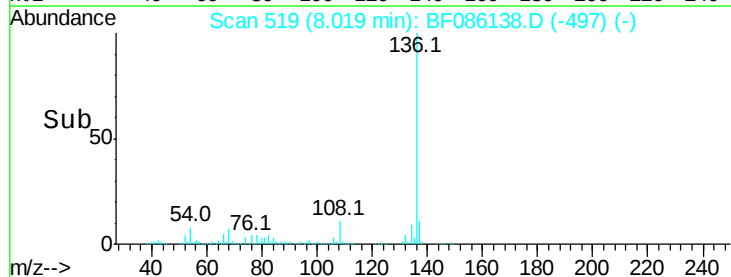
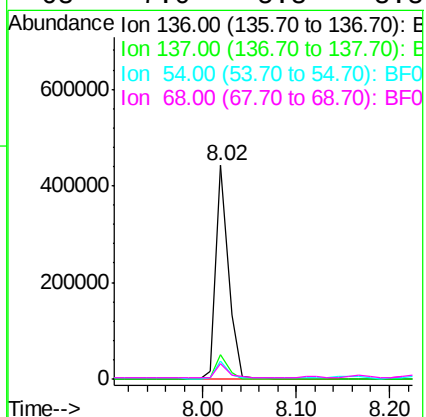
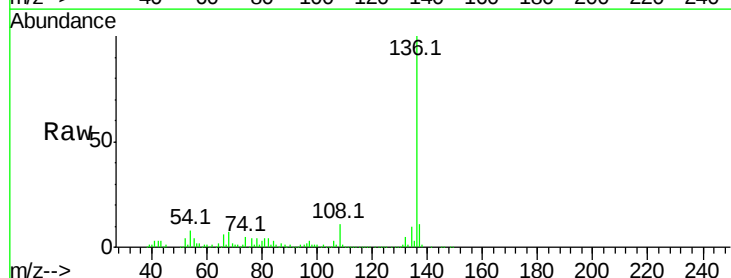
Ion Ratio Lower Upper

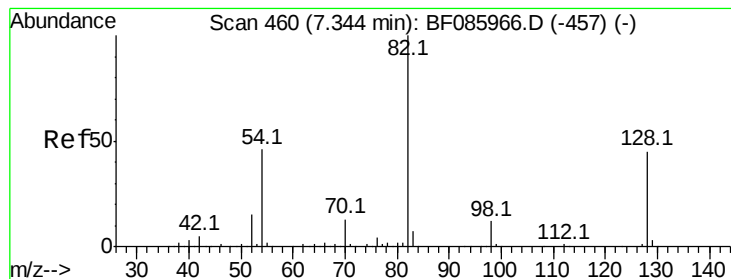
136 100

137 11.1 9.1 13.7

54 8.2 7.4 11.0

68 7.0 5.8 8.8





#23

Nitrobenzene-d5

Concen: 103.85 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086138.D

Acq: 7 Apr 2016 19:07

Instrument :

BNA_F

ClientSampleId :

MW-1-040116

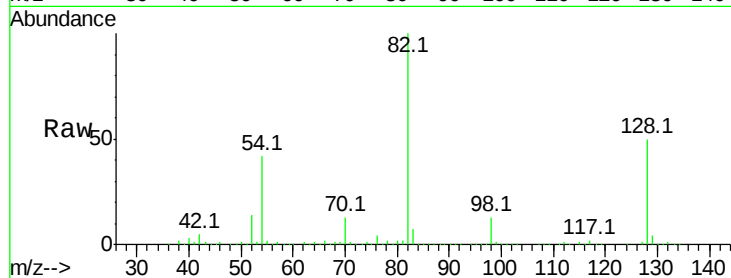
Tot Ion: 82 Resp: 729459

Ion Ratio Lower Upper

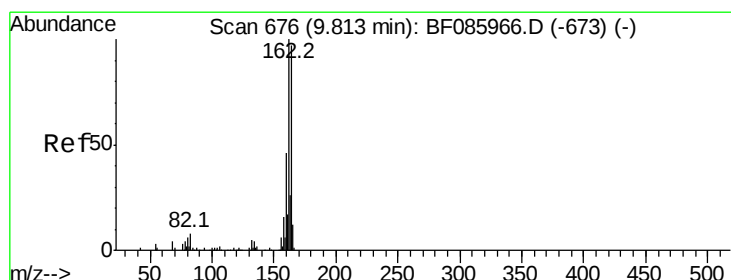
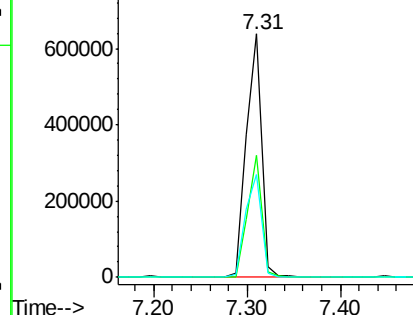
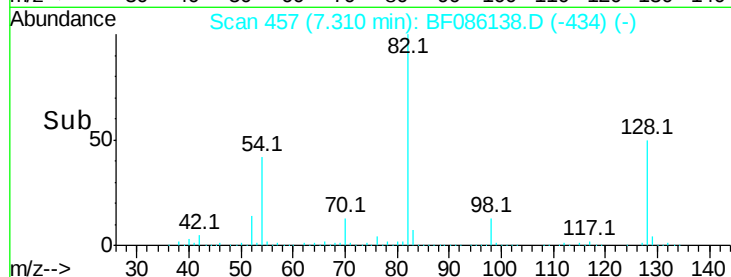
82 100

128 50.3 41.8 62.8

54 42.4 33.4 50.0



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086138.D

Acq: 7 Apr 2016 19:07

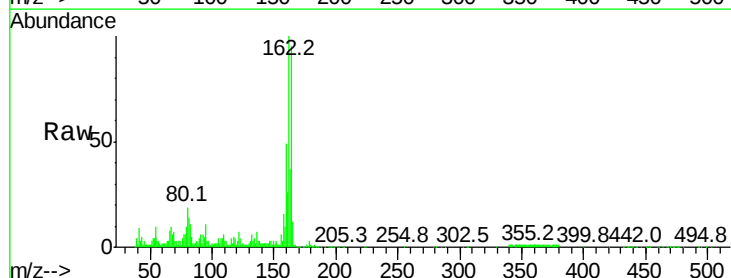
Tgt Ion:164 Resp: 193085

Ion Ratio Lower Upper

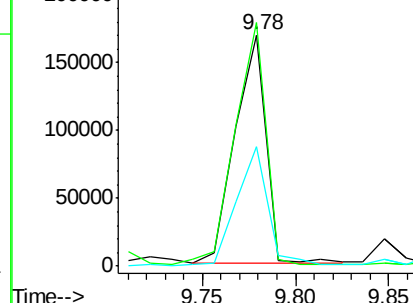
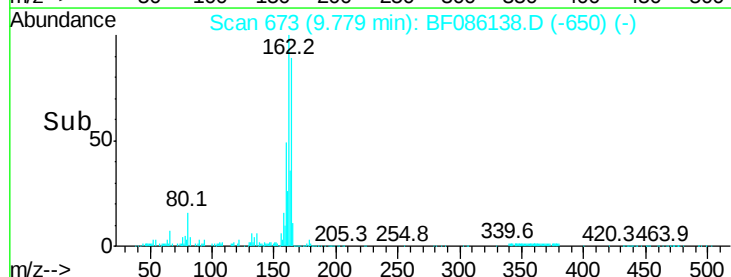
164 100

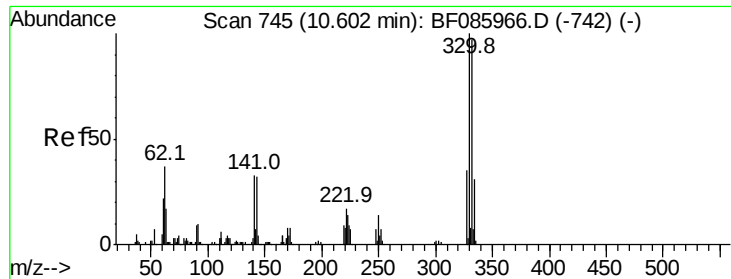
162 105.3 82.1 123.1

160 51.5 37.4 56.2



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

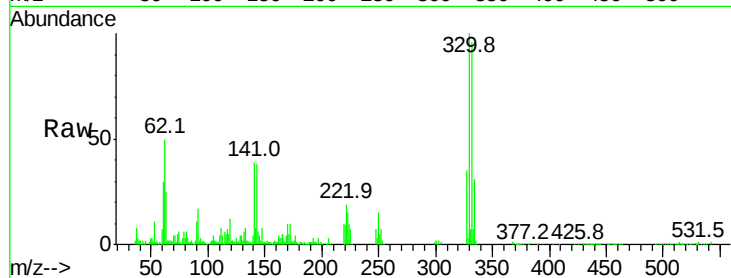




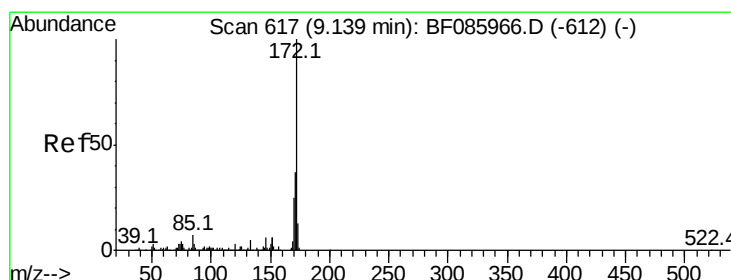
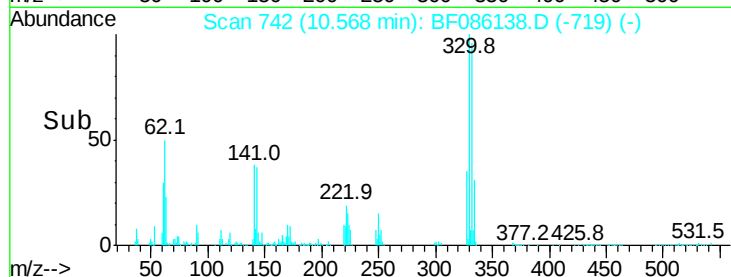
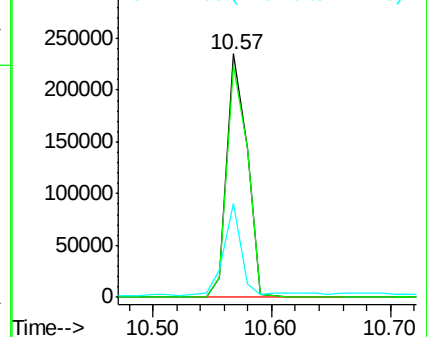
#41
 2,4,6-Tribromophenol
 Concen: 153.42 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086138.D
 Acq: 7 Apr 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-040116

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	31.7	31.5	47.3

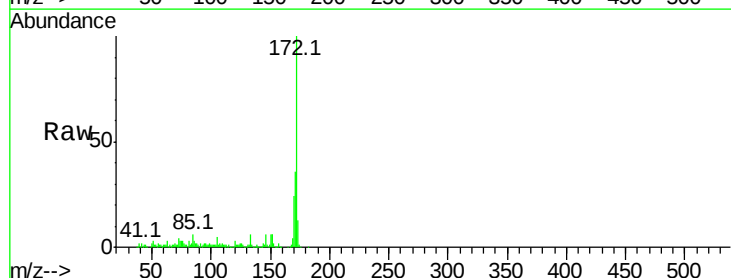


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

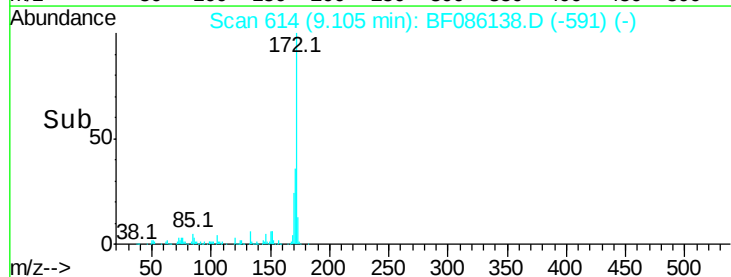
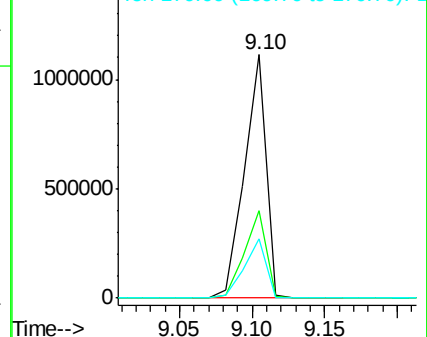


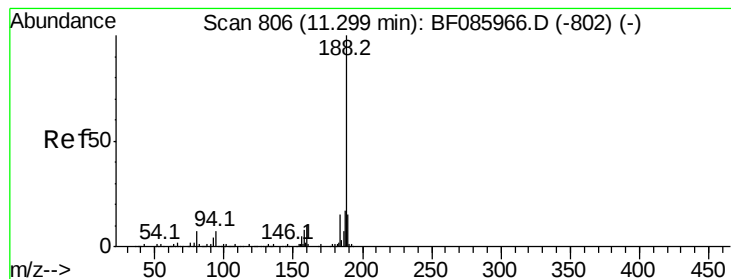
#44
 2-Fluorobiphenyl
 Concen: 99.25 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086138.D
 Acq: 7 Apr 2016 19:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.4	19.8	29.6



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF086138.D

Acq: 7 Apr 2016 19:07

Instrument :

BNA_F

ClientSampleId :

MW-1-040116

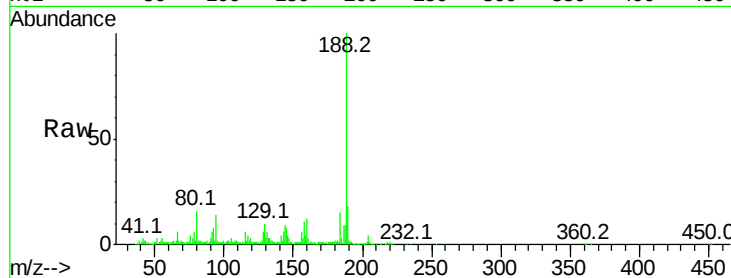
Tot Ion:188 Resp: 348861

Ion Ratio Lower Upper

188 100

94 14.5 5.4 8.0#

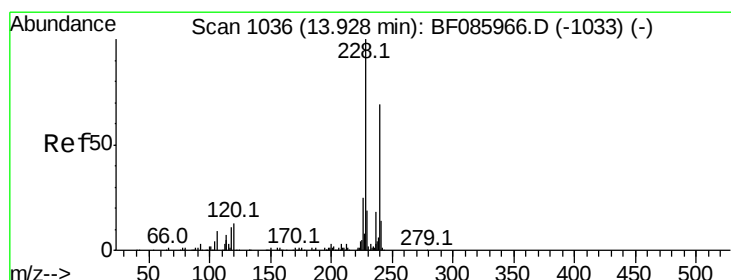
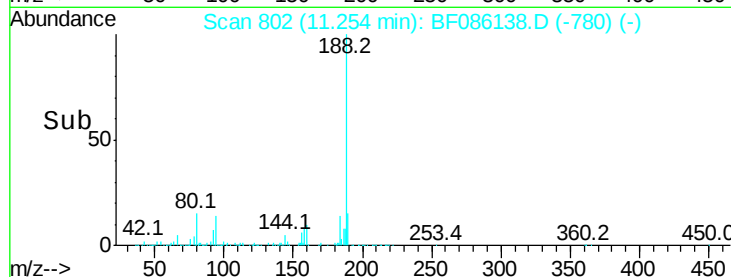
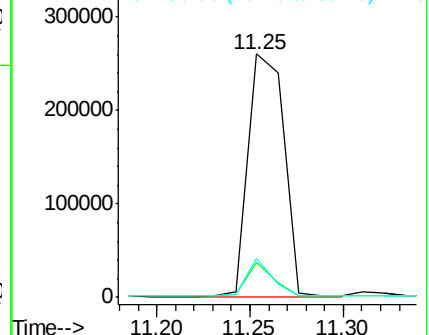
80 15.8 5.5 8.3#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086138.D

Acq: 7 Apr 2016 19:07

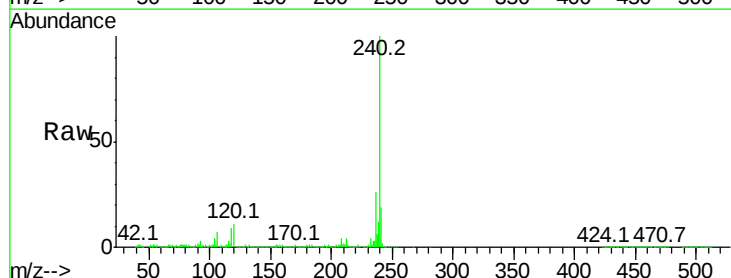
Tgt Ion:240 Resp: 267442

Ion Ratio Lower Upper

240 100

120 11.0 13.8 20.8#

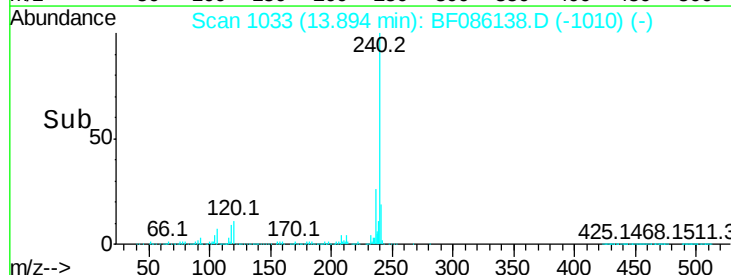
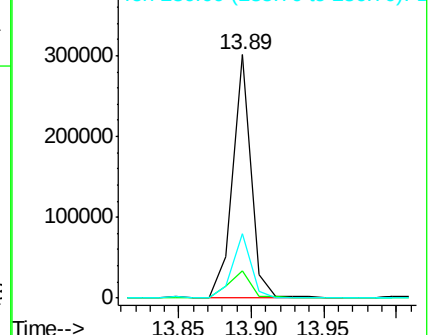
236 26.5 20.6 30.8

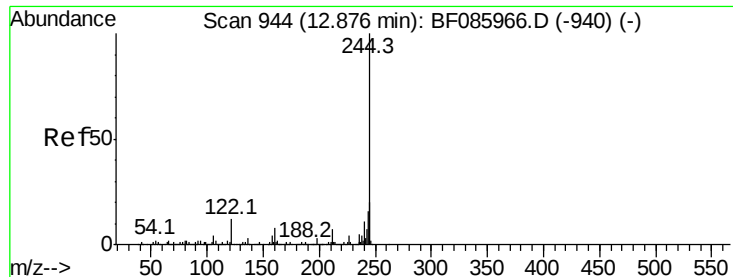


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.86 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086138.D

Acq: 7 Apr 2016 19:07

Instrument :

BNA_F

ClientSampleId :

MW-1-040116

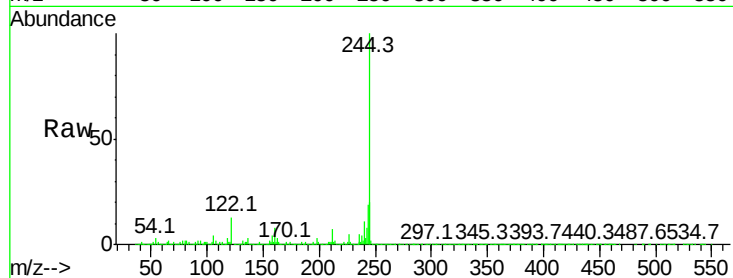
Tot Ion:244 Resp: 942684

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

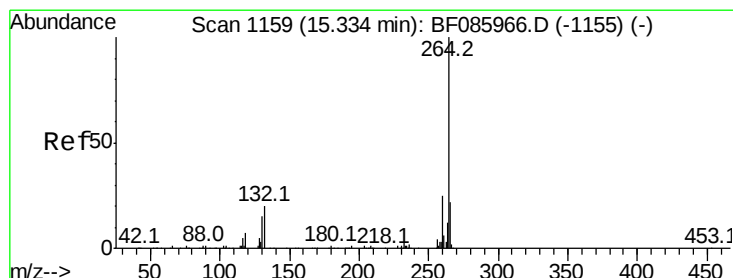
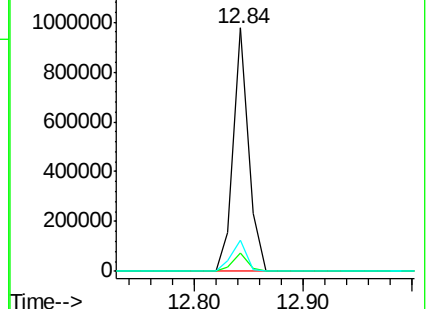
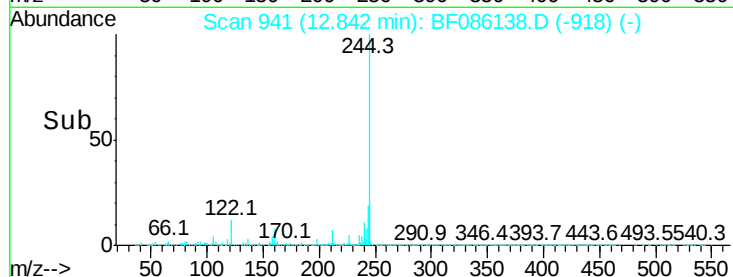
122 12.6 10.2 15.4



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: 15.29 min Scan# 1155

Delta R.T. -0.05 min

Lab File: BF086138.D

Acq: 7 Apr 2016 19:07

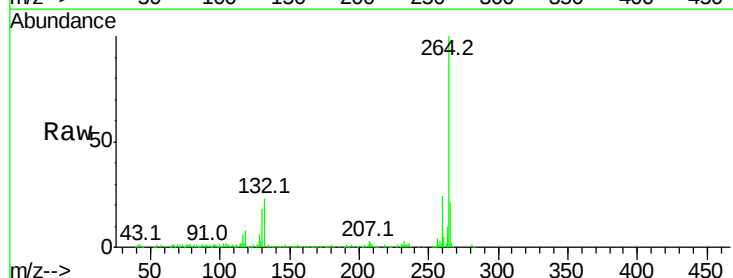
Tgt Ion:264 Resp: 187427

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.5 17.2 25.8



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

