

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086375.D
 Acq On : 23 Apr 2016 7:18
 Operator : UM/SJ
 Sample : H2634-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11 DUPLICATE

Quant Time: Apr 25 04:48:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	173170	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	744804	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	345070	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	699603	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	447050	20.00	ng	-0.01
86) Perylene-d12	15.40	264	370439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	585347	58.37	ng	0.01
7) Phenol-d6	6.46	99	529237	38.82	ng	-0.01
23) Nitrobenzene-d5	7.40	82	909318	72.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	395190	126.51	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1750674	86.58	ng	0.00
78) Terphenyl-d14	12.94	244	1347633	74.90	ng	0.00

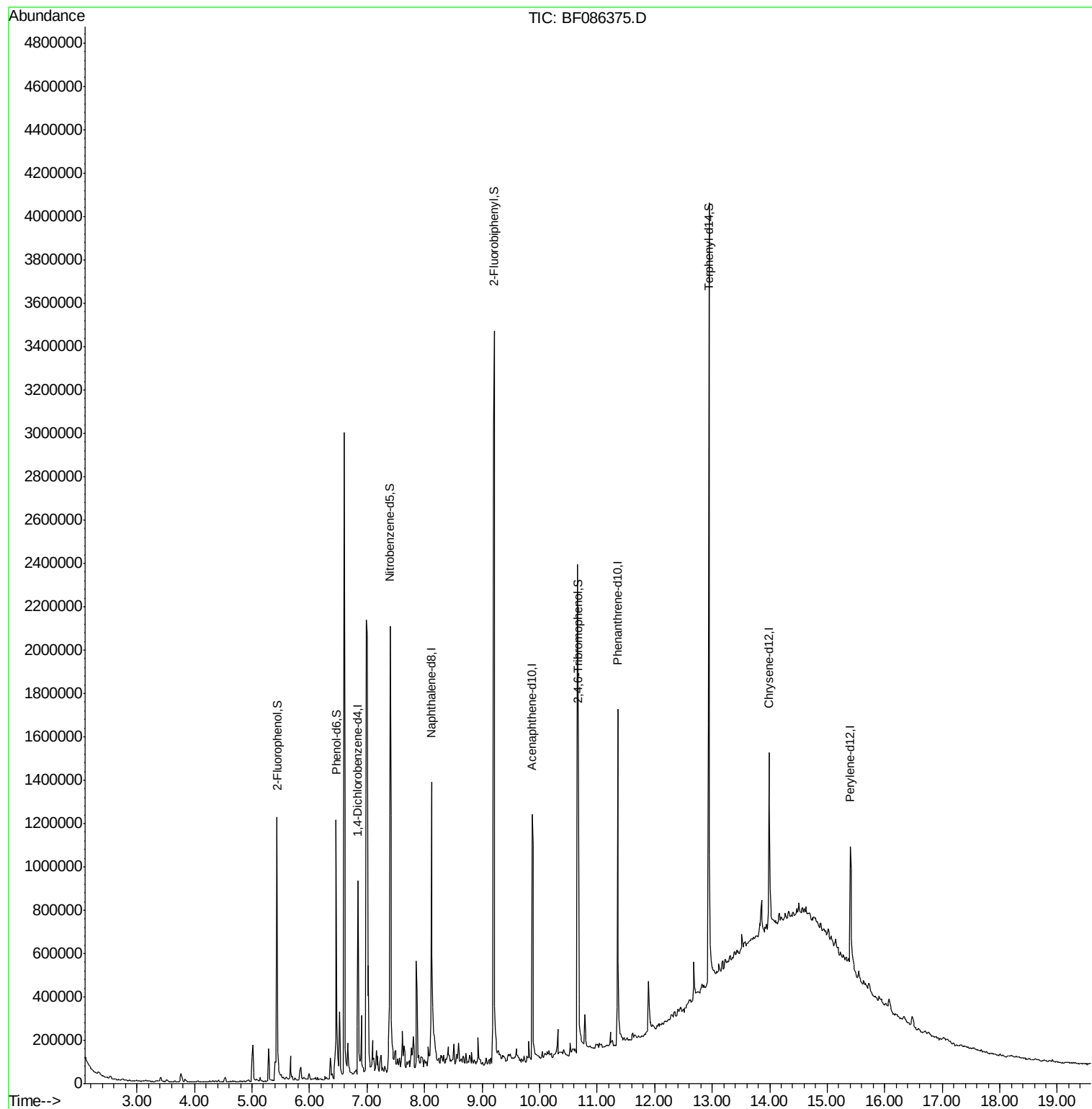
Target Compounds Qvalue

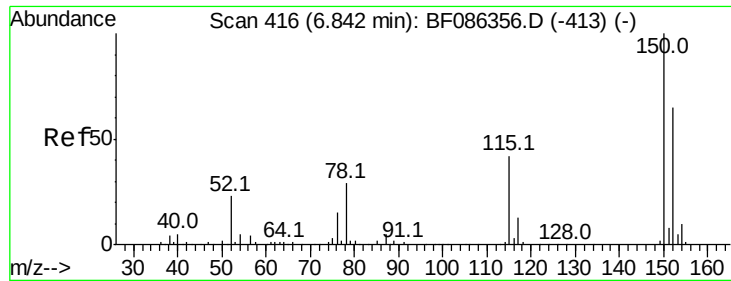
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086375.D
Acq On : 23 Apr 2016 7:18
Operator : UM/SJ
Sample : H2634-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11 DUPLICATE

Quant Time: Apr 25 04:48:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

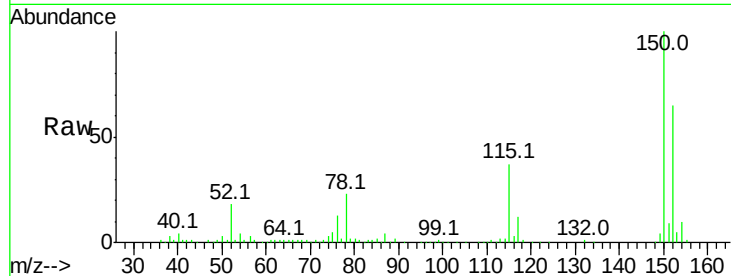
Tot Ion:152 Resp: 173170

Ion Ratio Lower Upper

152 100

150 154.1 125.8 188.6

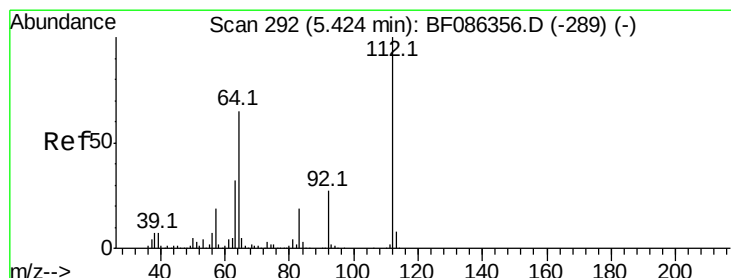
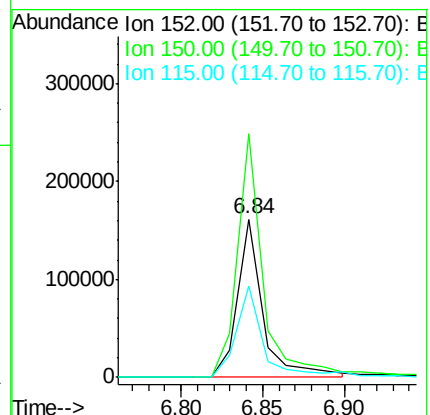
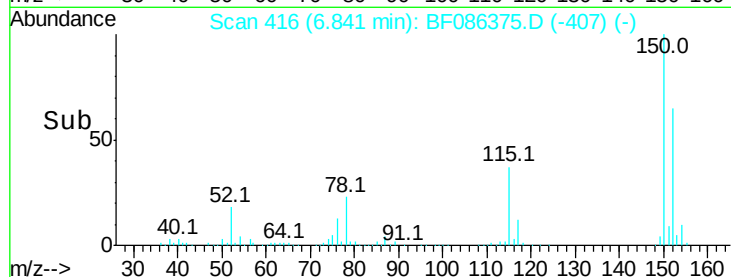
115 57.4 51.5 77.3



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: 58.37 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

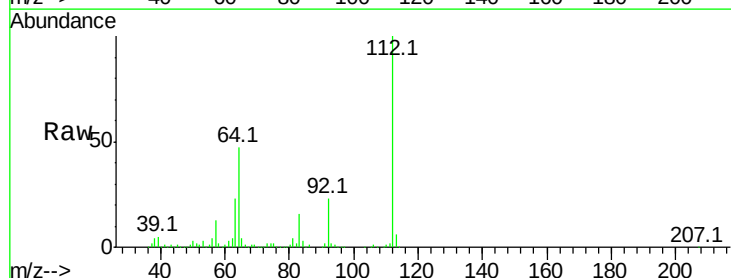
Tgt Ion:112 Resp: 585347

Ion Ratio Lower Upper

112 100

64 47.0 52.1 78.1#

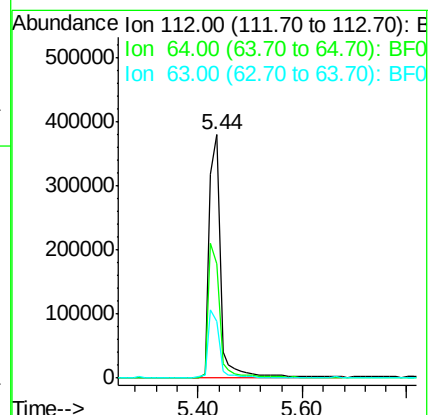
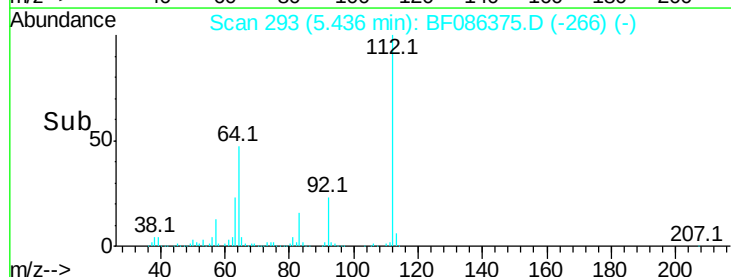
63 23.1 25.7 38.5#

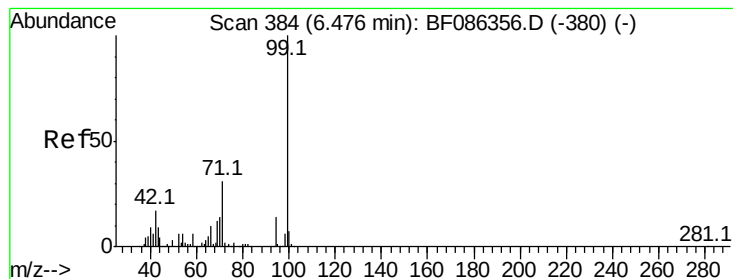


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.82 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

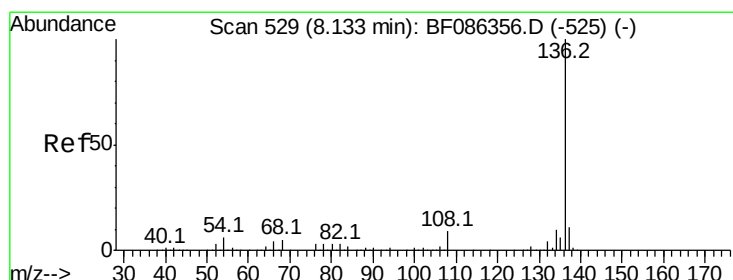
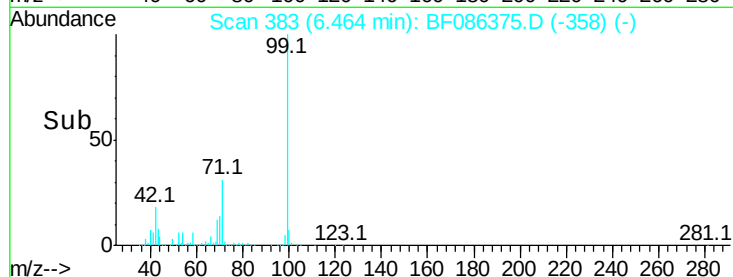
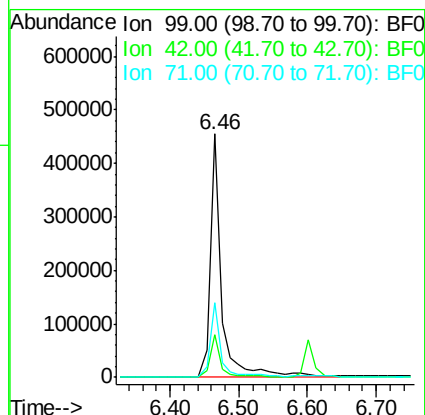
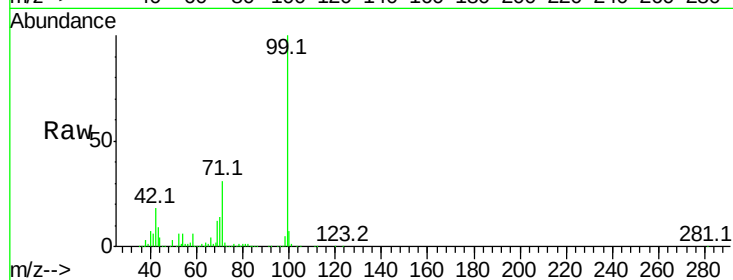
Tot Ion: 99 Resp: 529237

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

71 30.9 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Tgt Ion: 136 Resp: 744804

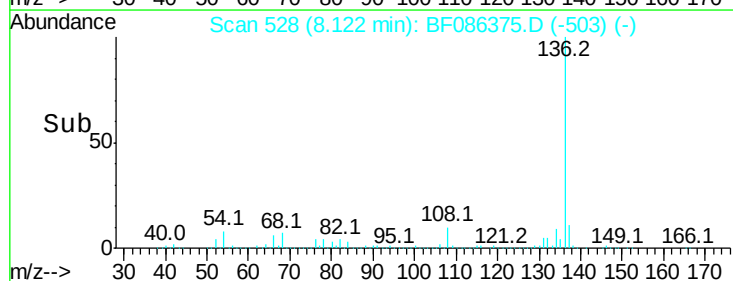
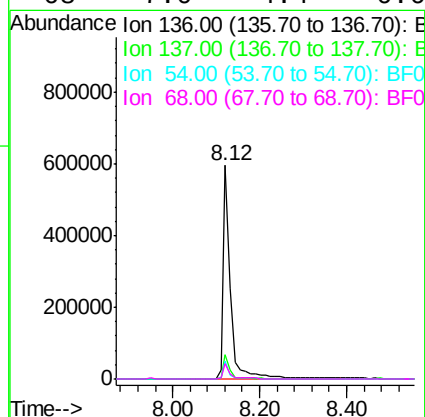
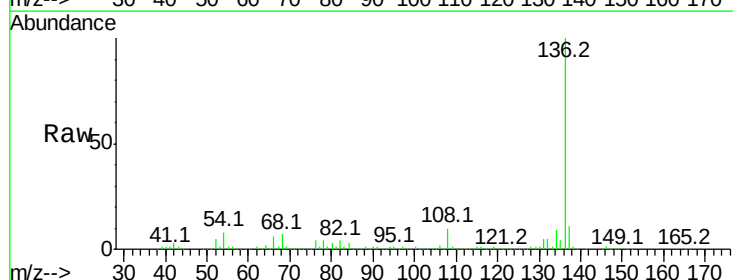
Ion Ratio Lower Upper

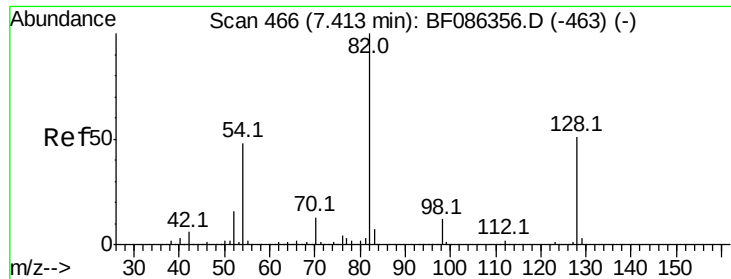
136 100

137 11.3 8.8 13.2

54 8.3 5.0 7.4#

68 7.0 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 72.32 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

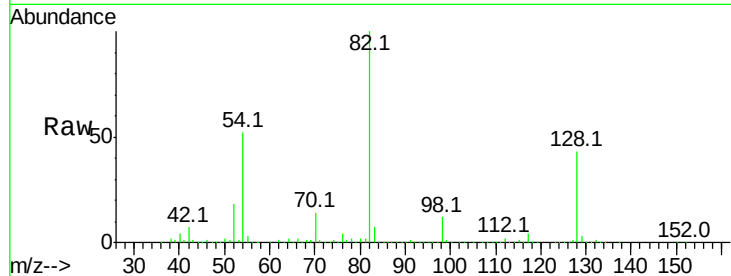
Tot Ion: 82 Resp: 909318

Ion Ratio Lower Upper

82 100

128 43.4 40.6 61.0

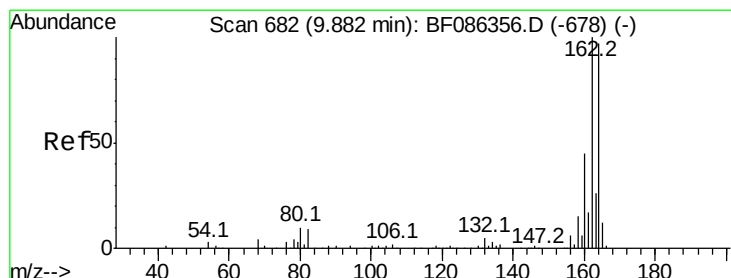
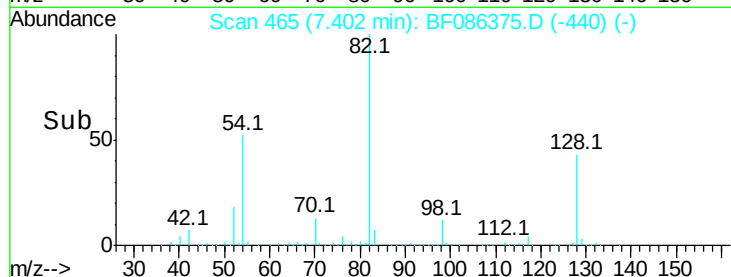
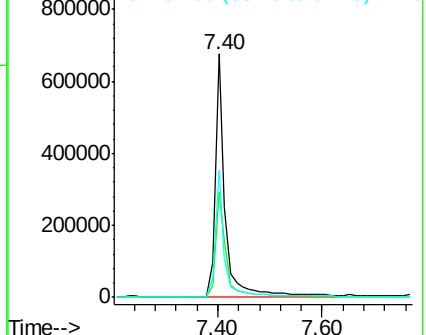
54 52.0 38.1 57.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

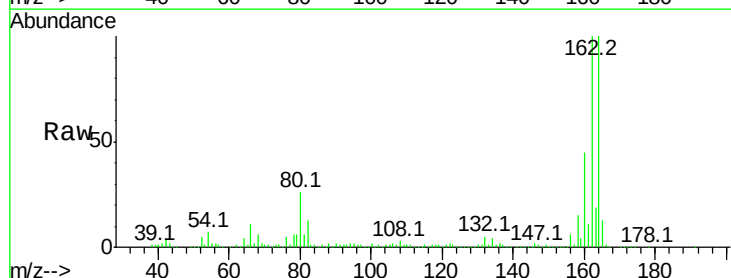
Tgt Ion:164 Resp: 345070

Ion Ratio Lower Upper

164 100

162 99.8 82.8 124.2

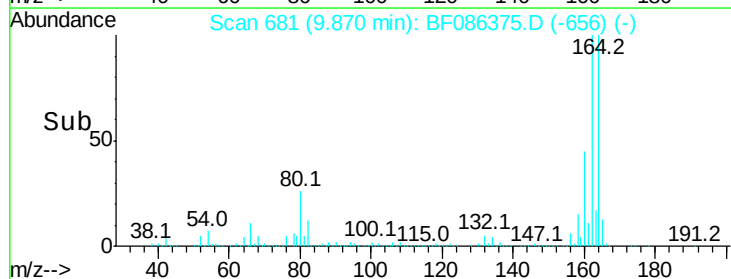
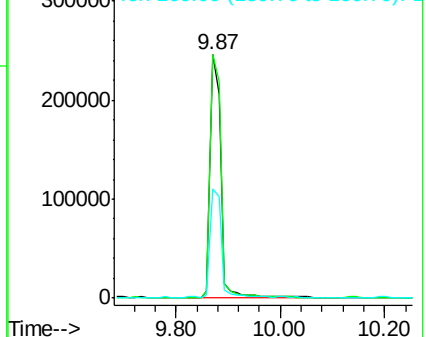
160 45.0 36.9 55.3

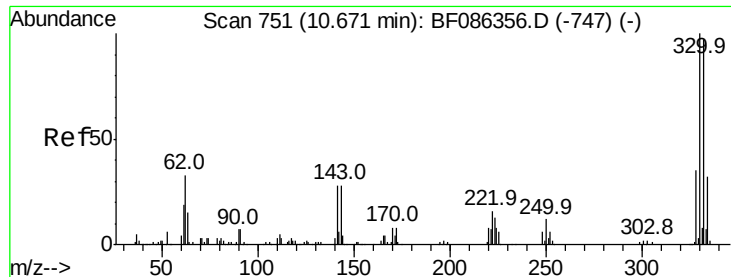


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

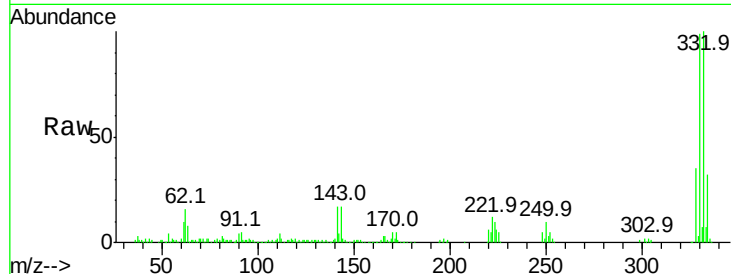




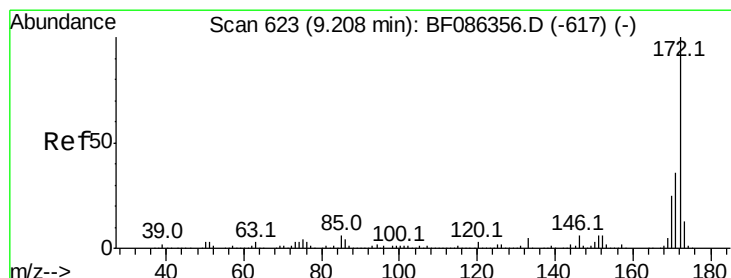
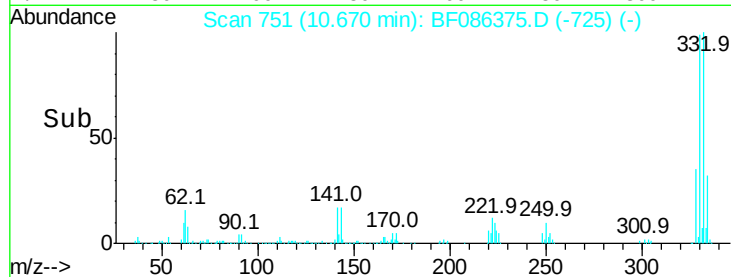
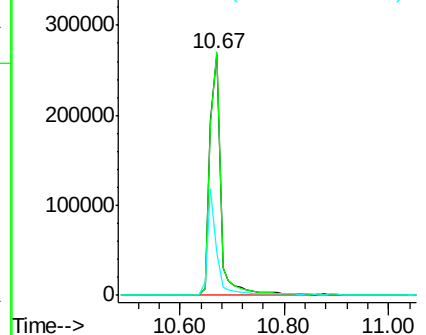
#41
 2,4,6-Tribromophenol
 Concen: 126.51 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086375.D
 Acq: 23 Apr 2016 7:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-11 DUPLICATE

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	79.0	118.4
141	36.4	31.2	46.8

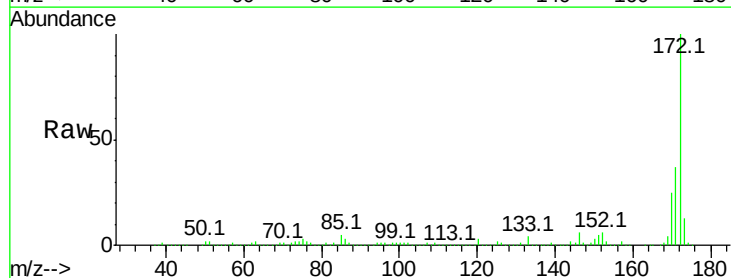


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

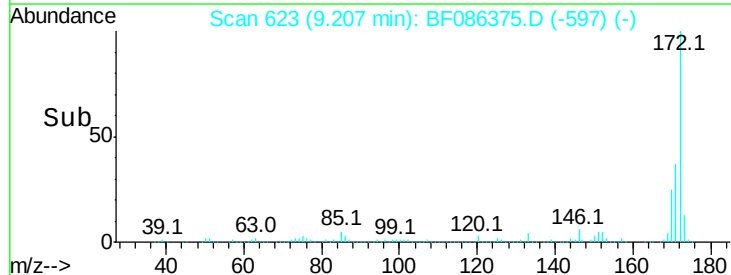
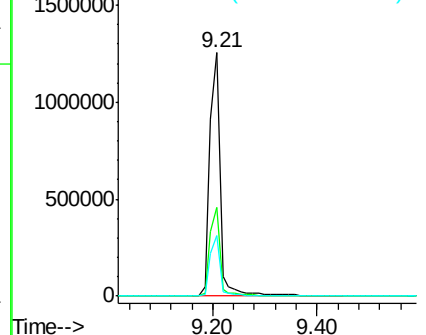


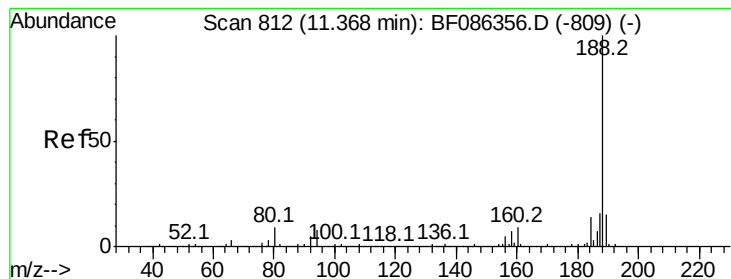
#44
 2-Fluorobiphenyl
 Concen: 86.58 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086375.D
 Acq: 23 Apr 2016 7:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

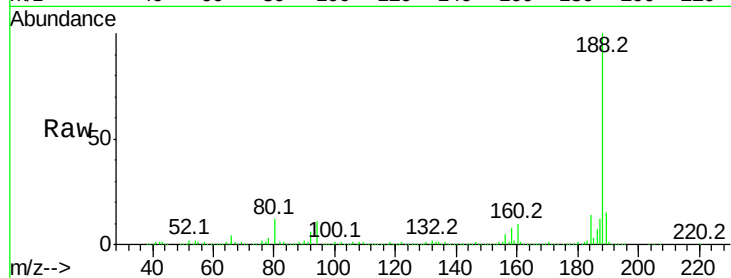
Tot Ion:188 Resp: 699603

Ion Ratio Lower Upper

188 100

94 11.0 6.8 10.2#

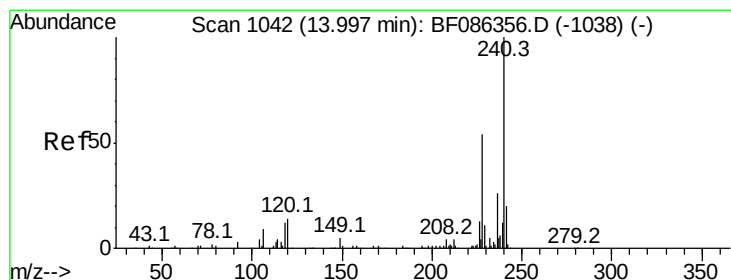
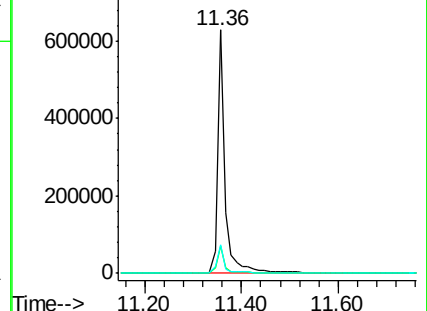
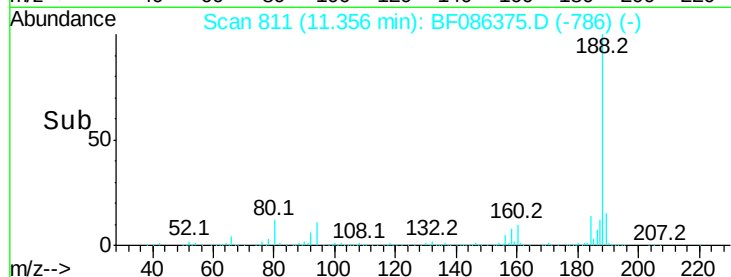
80 11.7 7.1 10.7#



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: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

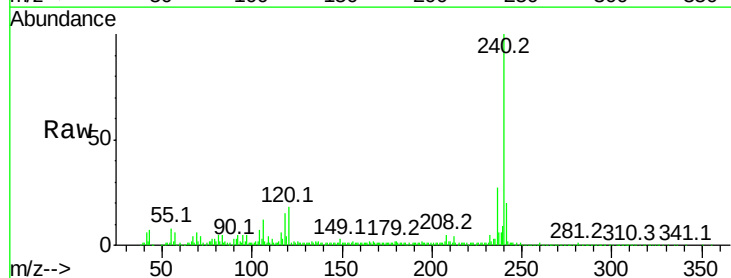
Tgt Ion:240 Resp: 447050

Ion Ratio Lower Upper

240 100

120 18.3 11.2 16.8#

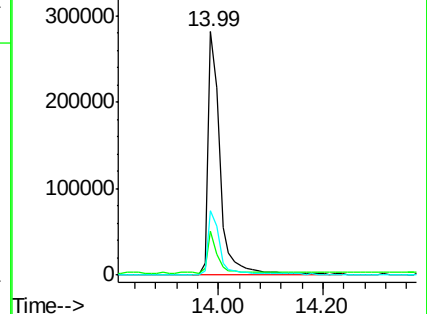
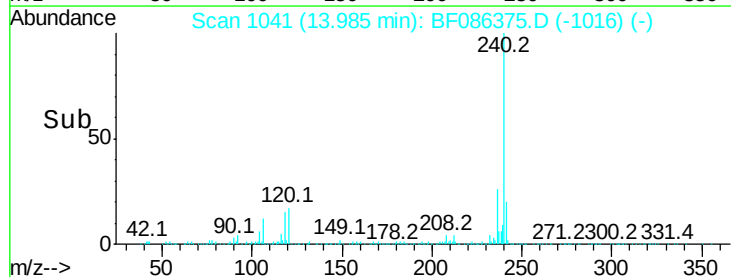
236 26.6 21.2 31.8

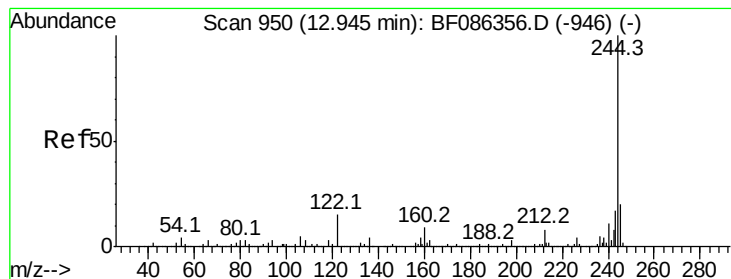


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.90 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

Instrument :

BNA_F

ClientSampleId :

MW-11 DUPLICATE

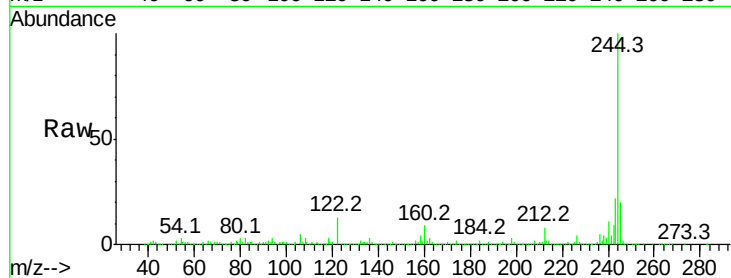
Tot Ion:244 Resp: 1347633

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

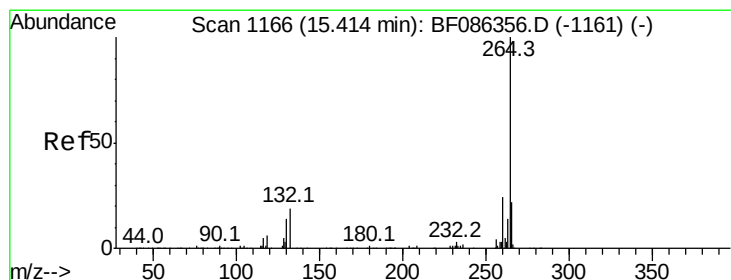
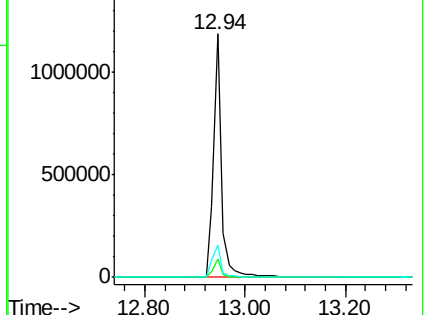
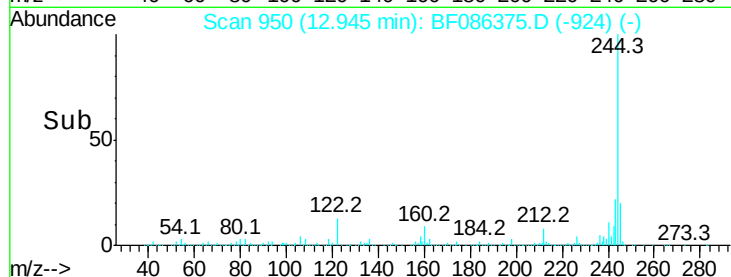
122 13.5 12.0 18.0



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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF086375.D

Acq: 23 Apr 2016 7:18

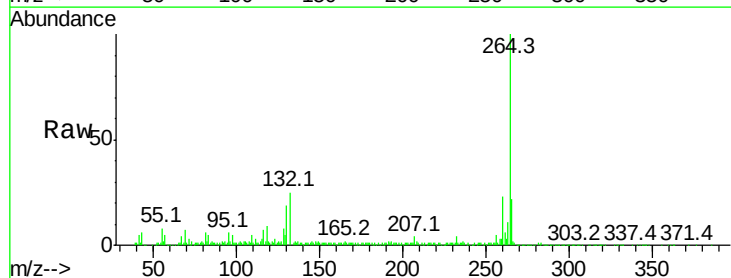
Tgt Ion:264 Resp: 370439

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

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

