

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077859.D
 Acq On : 20 Mar 2015 6:42
 Operator : TP/IZ
 Sample : G1572-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-04

Quant Time: Mar 20 07:19:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

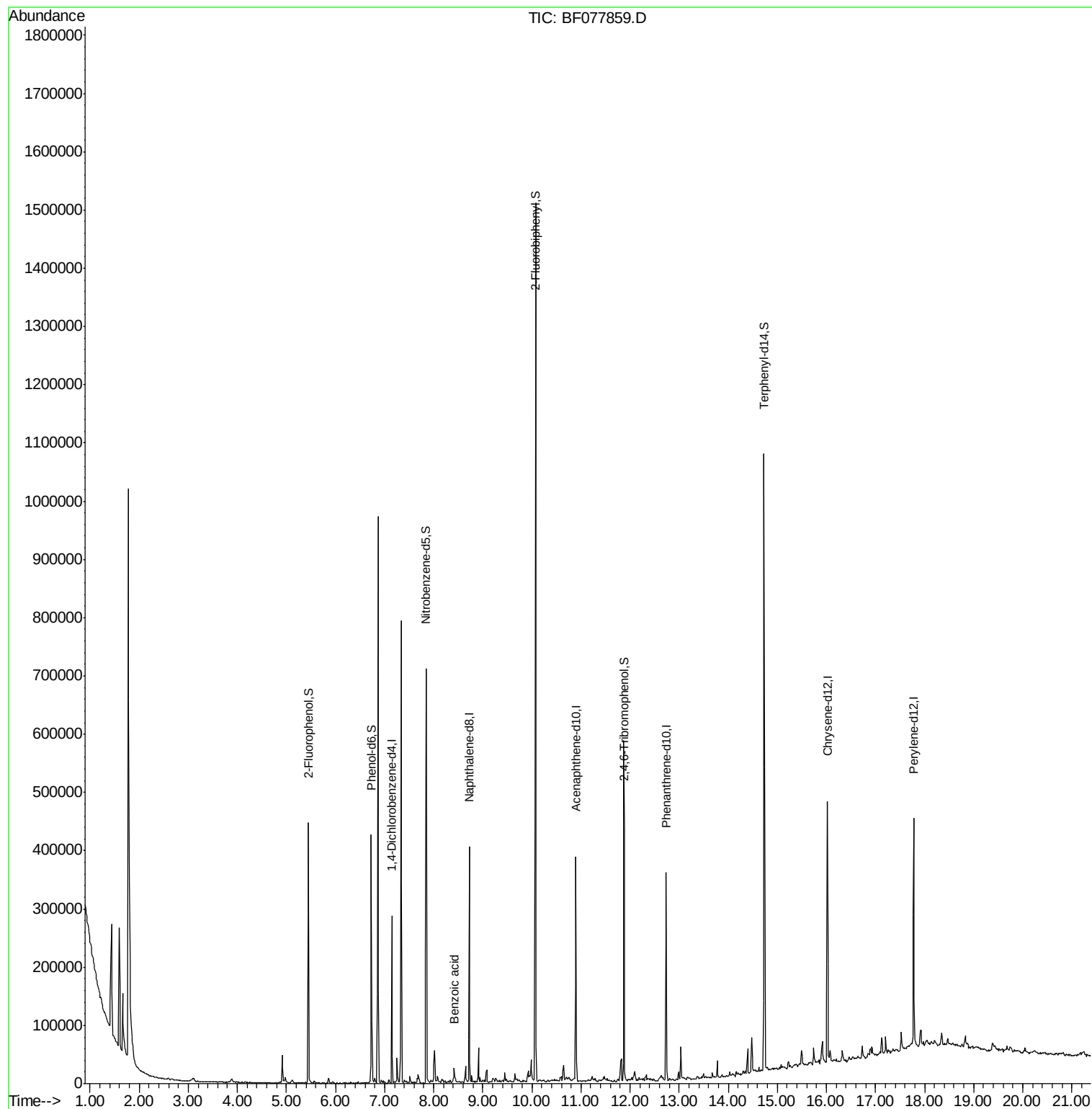
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	45086	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	180422	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	86346	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	170794	20.00	ng	0.00
75) Chrysene-d12	16.02	240	180802	20.00	ng	-0.01
86) Perylene-d12	17.78	264	179291	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	172832	66.91	ng	0.01
7) Phenol-d6	6.73	99	149935	46.98	ng	0.00
23) Nitrobenzene-d5	7.85	82	232898	84.62	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	87528	105.95	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	486390	82.78	ng	0.00
78) Terphenyl-d14	14.73	244	417454	56.40	ng	-0.01
Target Compounds						
32) Benzoic acid	8.42	122	6700	7.34	ng	Qvalue 96

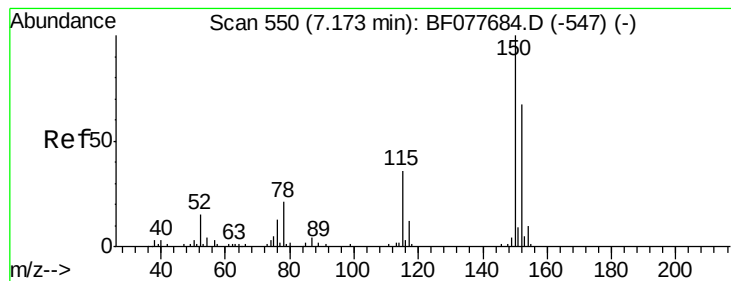
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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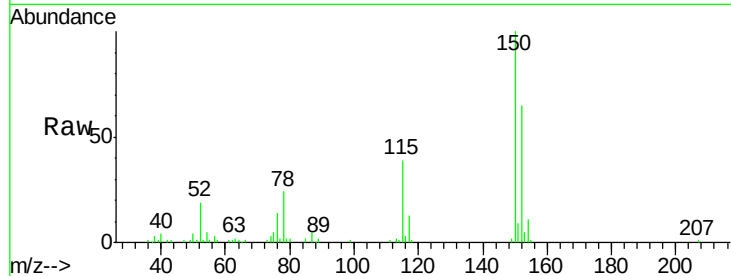


#1

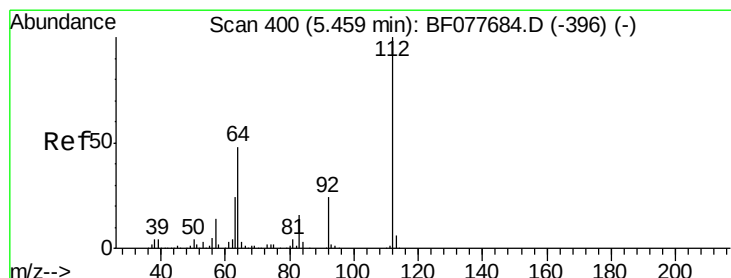
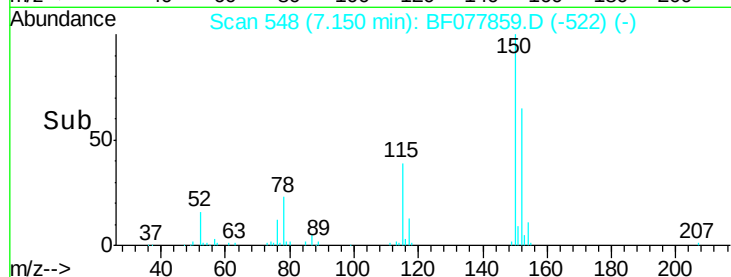
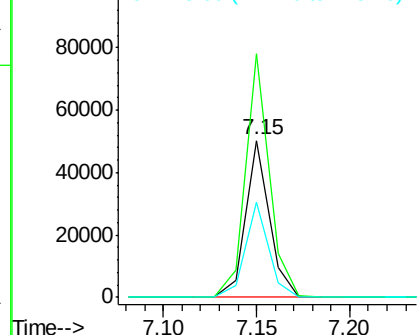
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF077859.D
Acq: 20 Mar 2015 6:42

Instrument :
BNA_F
ClientSampleId :
URSMW-04

Tot Ion:152 Resp: 45086
Ion Ratio Lower Upper
152 100
150 154.9 119.5 179.3
115 60.1 43.0 64.4



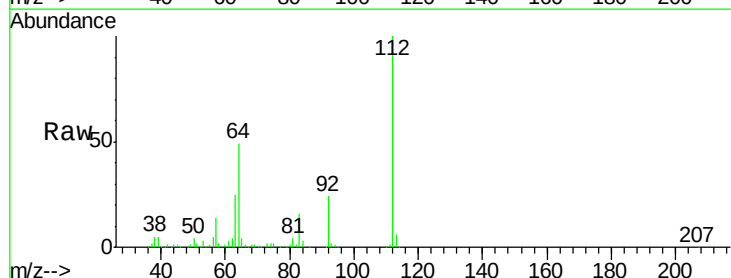
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



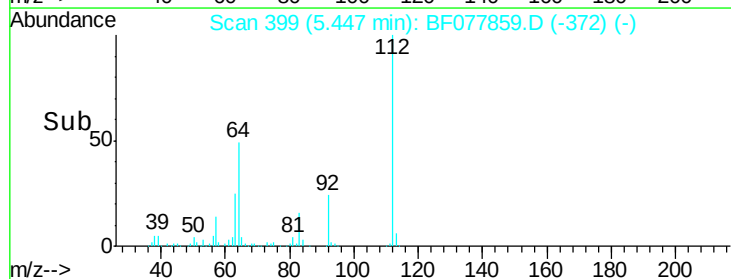
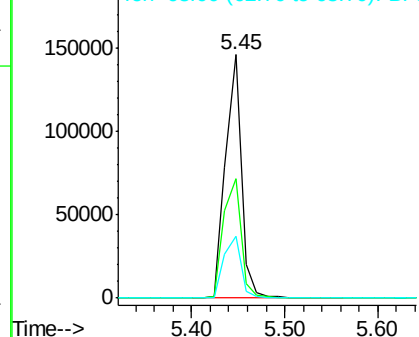
#5

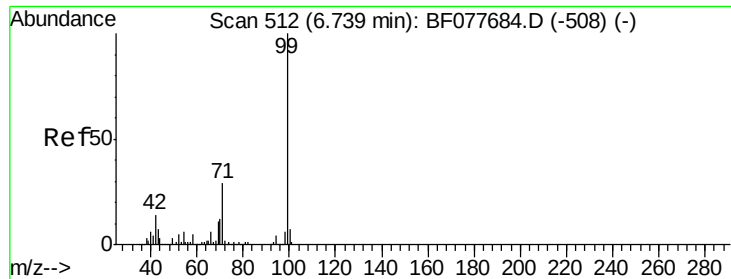
2-Fluorophenol
Concen: 66.91 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077859.D
Acq: 20 Mar 2015 6:42

Tgt Ion:112 Resp: 172832
Ion Ratio Lower Upper
112 100
64 49.3 38.6 57.8
63 25.3 19.3 28.9



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: 46.98 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077859.D

Acq: 20 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URSMW-04

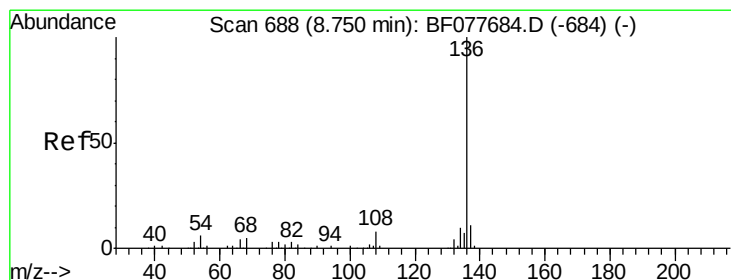
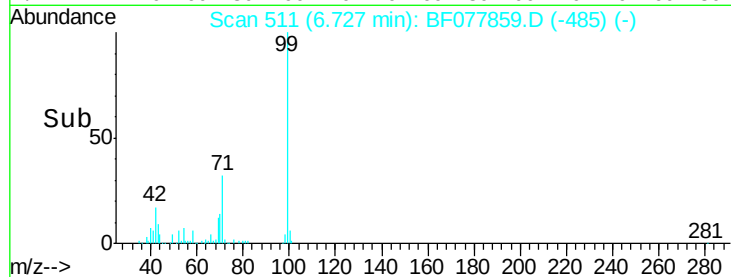
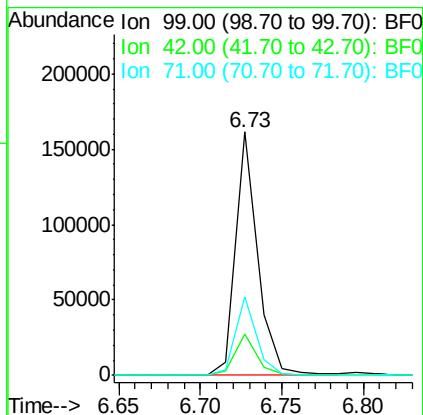
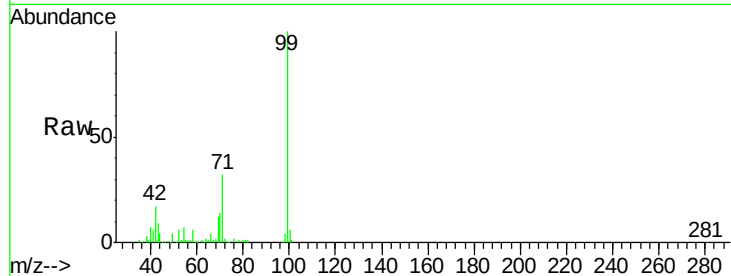
Tot Ion: 99 Resp: 149935

Ion Ratio Lower Upper

99 100

42 16.9 11.0 16.4#

71 32.4 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077859.D

Acq: 20 Mar 2015 6:42

Tgt Ion: 136 Resp: 180422

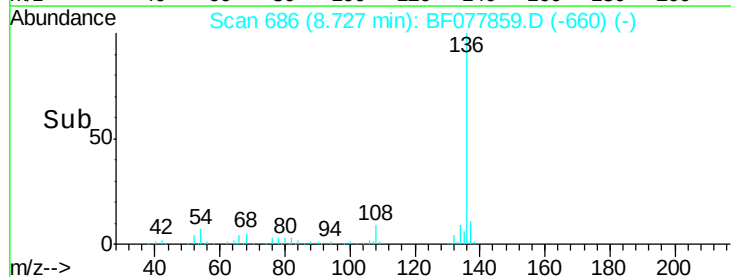
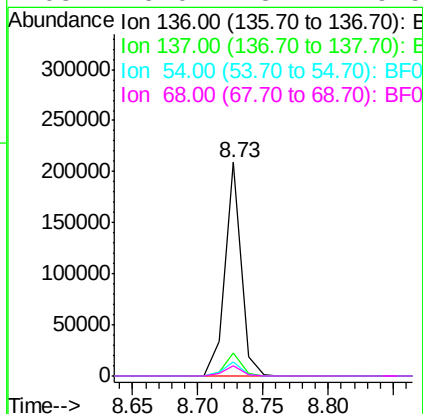
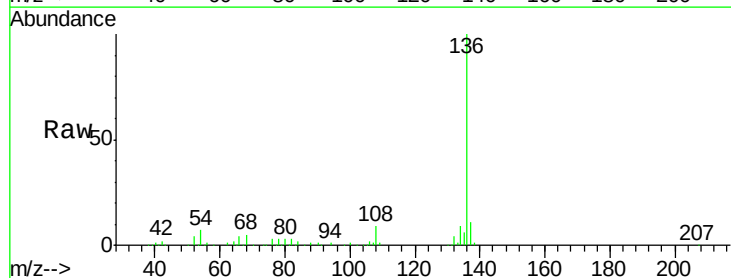
Ion Ratio Lower Upper

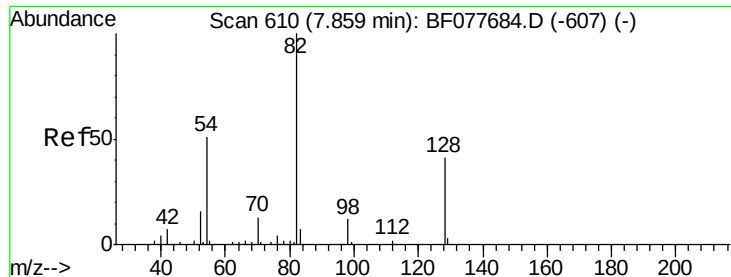
136 100

137 10.7 8.7 13.1

54 6.9 4.6 6.8#

68 5.0 3.7 5.5

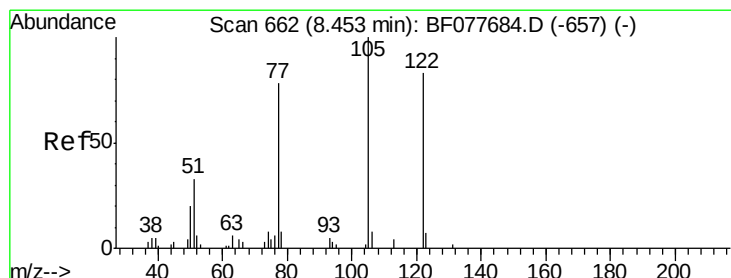
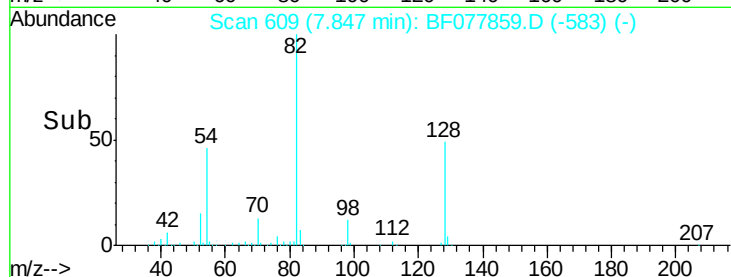
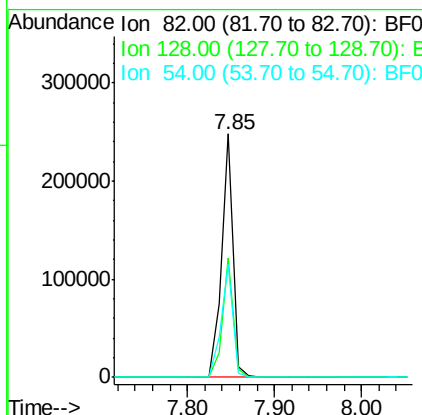
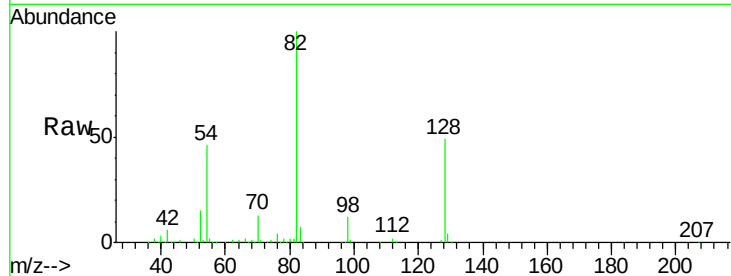




#23
 Nitrobenzene-d5
 Concen: 84.62 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077859.D
 Acq: 20 Mar 2015 6:42

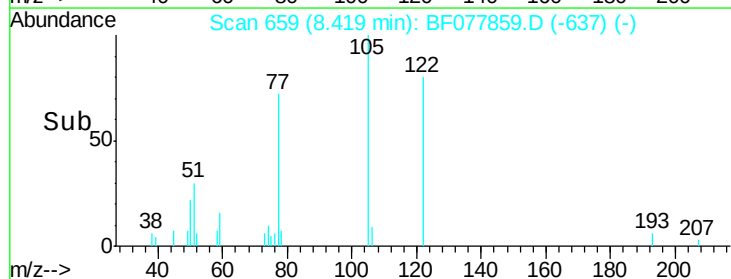
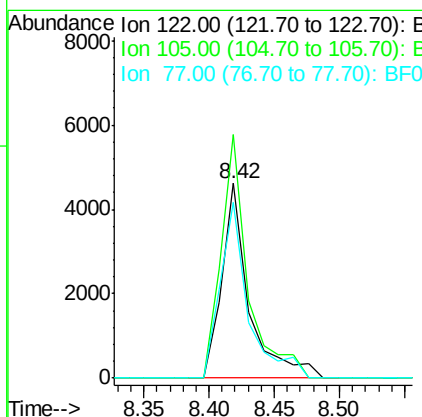
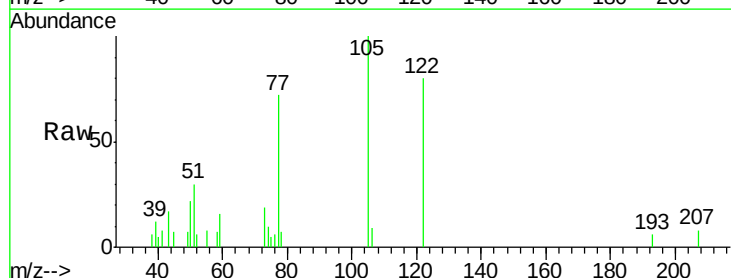
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-04

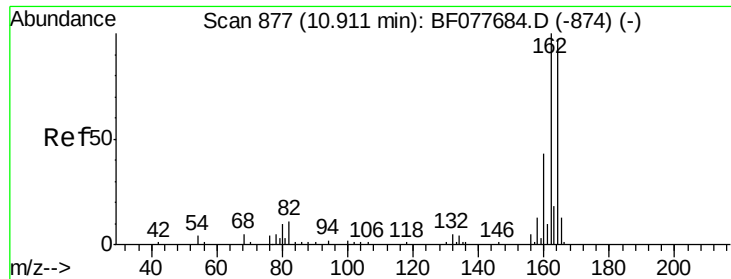
Tot Ion: 82 Resp: 232898
 Ion Ratio Lower Upper
 82 100
 128 49.2 32.8 49.2
 54 46.4 40.6 60.8



#32
 Benzoic acid
 Concen: 7.34 ng
 RT: 8.42 min Scan# 659
 Delta R.T. -0.05 min
 Lab File: BF077859.D
 Acq: 20 Mar 2015 6:42

Tgt Ion: 122 Resp: 6700
 Ion Ratio Lower Upper
 122 100
 105 124.9 99.9 139.9
 77 90.0 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077859.D

Acq: 20 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URSMW-04

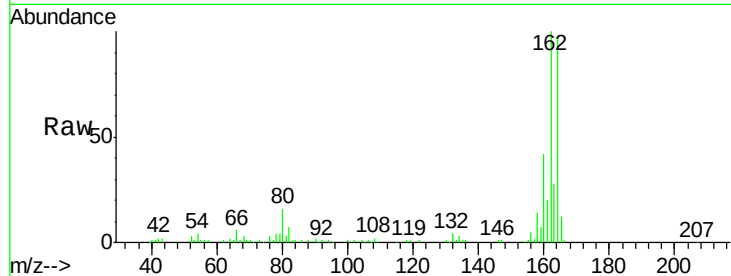
Tot Ion:164 Resp: 86346

Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

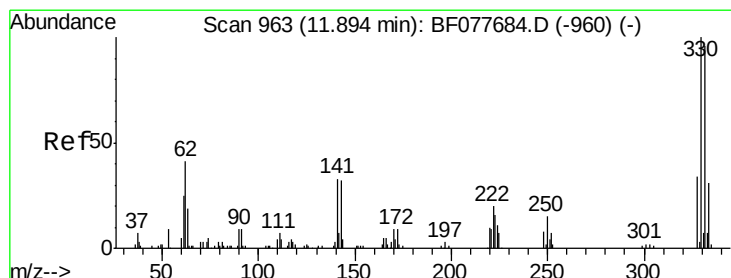
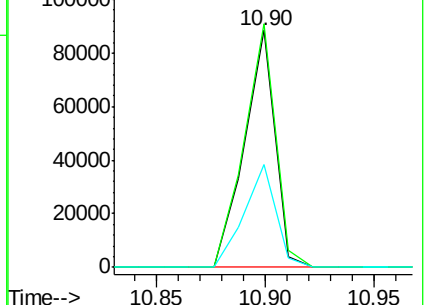
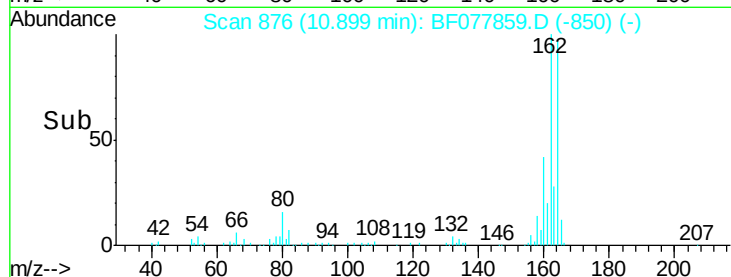
160 43.6 35.8 53.6



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: 105.95 ng

RT: 11.88 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF077859.D

Acq: 20 Mar 2015 6:42

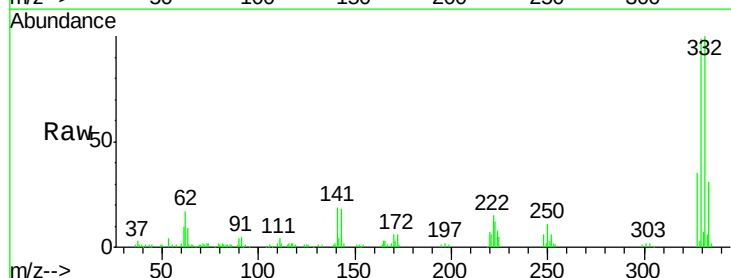
Tgt Ion:330 Resp: 87528

Ion Ratio Lower Upper

330 100

332 99.6 0.0 0.0#

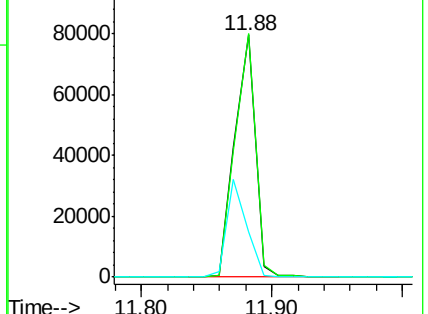
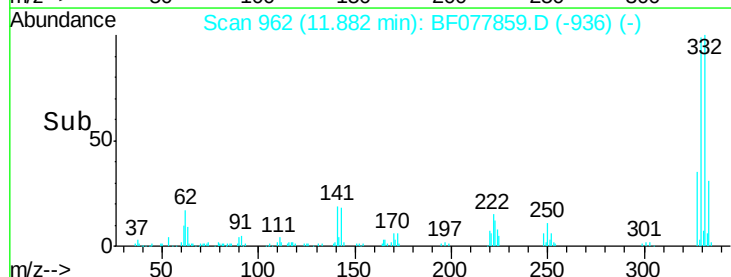
141 38.7 0.0 0.0#

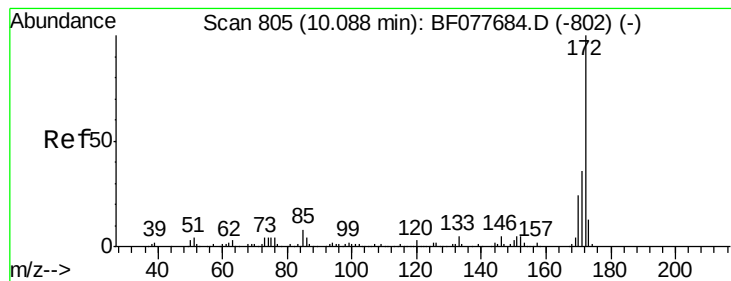


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.78 ng

RT: 10.08 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF077859.D

Acq: 20 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URSMW-04

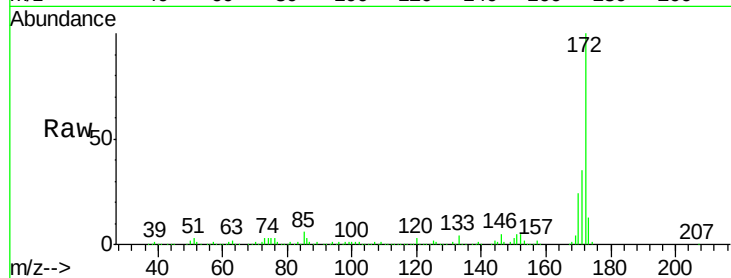
Tot Ion:172 Resp: 486390

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

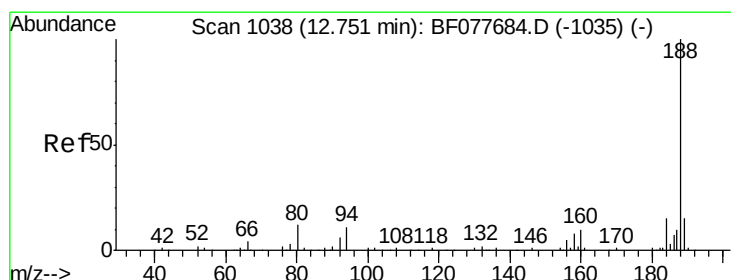
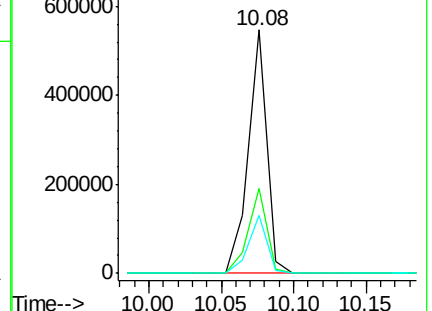
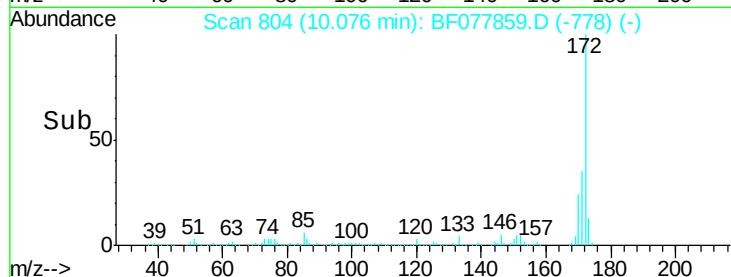
170 23.8 18.8 28.2



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: 12.74 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF077859.D

Acq: 20 Mar 2015 6:42

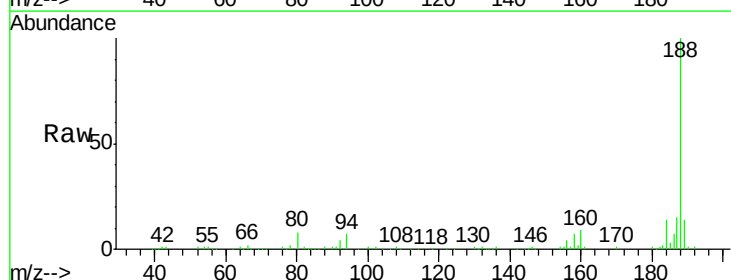
Tgt Ion:188 Resp: 170794

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

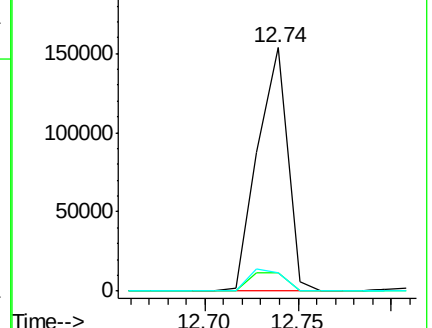
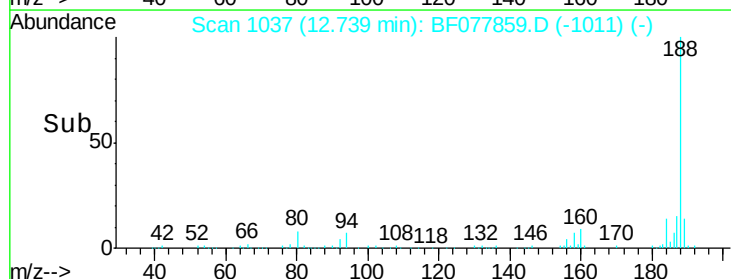
80 7.6 9.3 13.9#

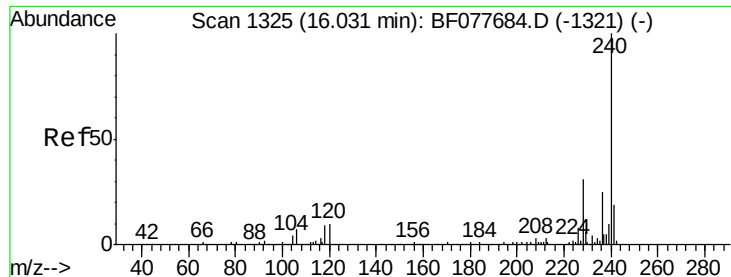


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077859.D

Acq: 20 Mar 2015 6:42

Instrument :

BNA_F

ClientSampleId :

URSMW-04

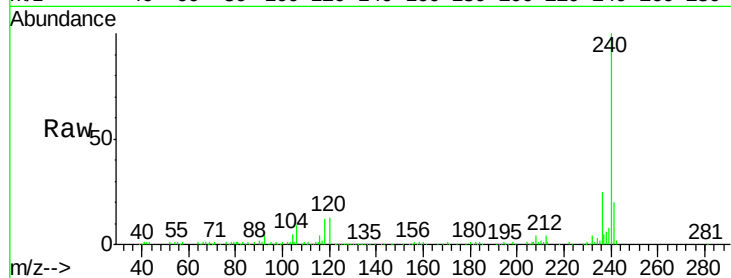
Tot Ion:240 Resp: 180802

Ion Ratio Lower Upper

240 100

120 13.0 8.2 12.2#

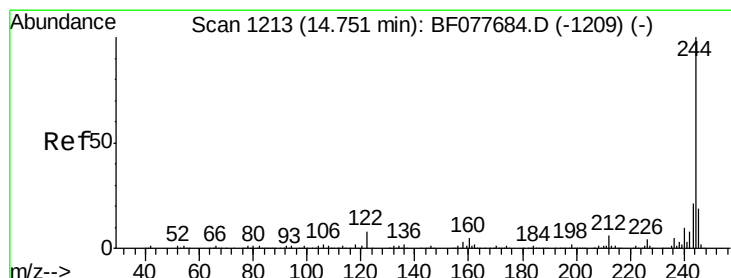
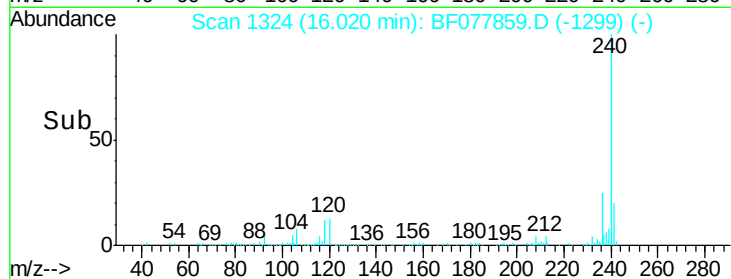
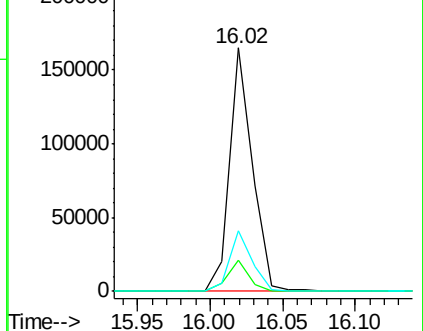
236 25.1 20.0 30.0



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: 56.40 ng

RT: 14.73 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF077859.D

Acq: 20 Mar 2015 6:42

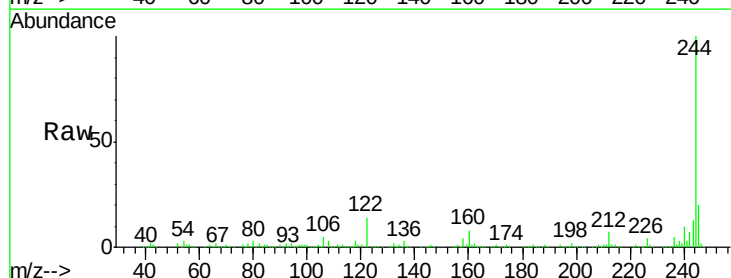
Tgt Ion:244 Resp: 417454

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

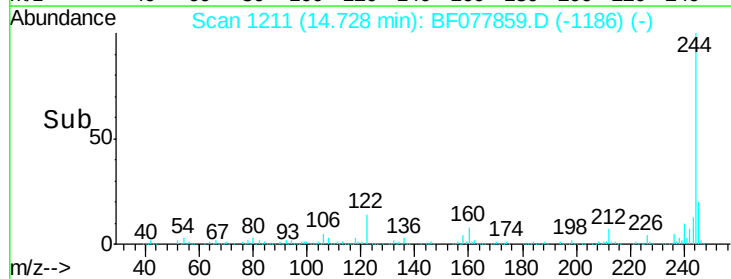
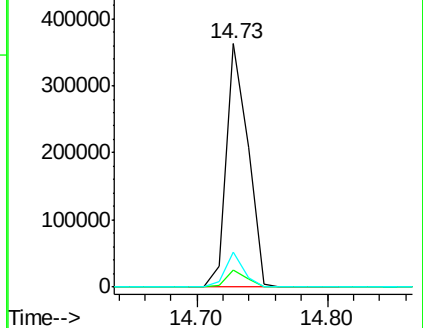
122 14.4 6.2 9.4#

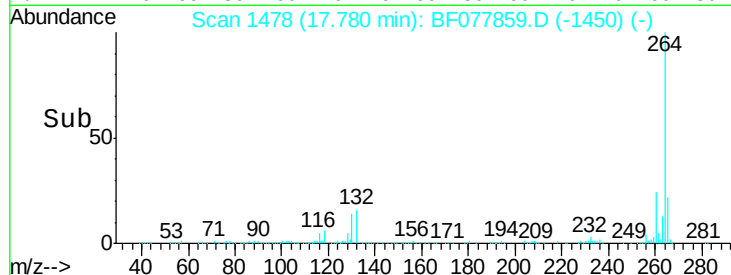
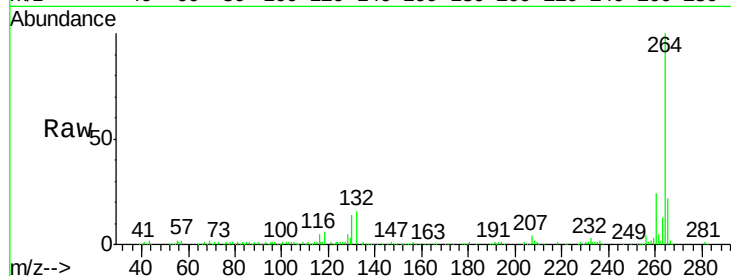
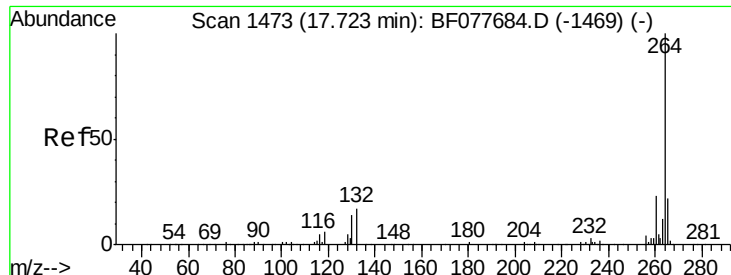


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.02 min
 Lab File: BF077859.D
 Acq: 20 Mar 2015 6:42

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-04

Tot Ion:	264	Resp:	179291
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.5	17.3	25.9

