

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077836.D
 Acq On : 19 Mar 2015 17:50
 Operator : TP/IZ
 Sample : G1572-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Quant Time: Mar 20 01:35:42 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 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	37961	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	156601	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	78555	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	156491	20.00	ng	0.00
75) Chrysene-d12	16.02	240	168456	20.00	ng	-0.01
86) Perylene-d12	17.77	264	170306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	143407	65.94	ng	0.00
7) Phenol-d6	6.73	99	113250	42.15	ng	0.00
23) Nitrobenzene-d5	7.85	82	228562	95.67	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	93629	124.57	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	470089	87.94	ng	0.00
78) Terphenyl-d14	14.74	244	521041	75.55	ng	0.00

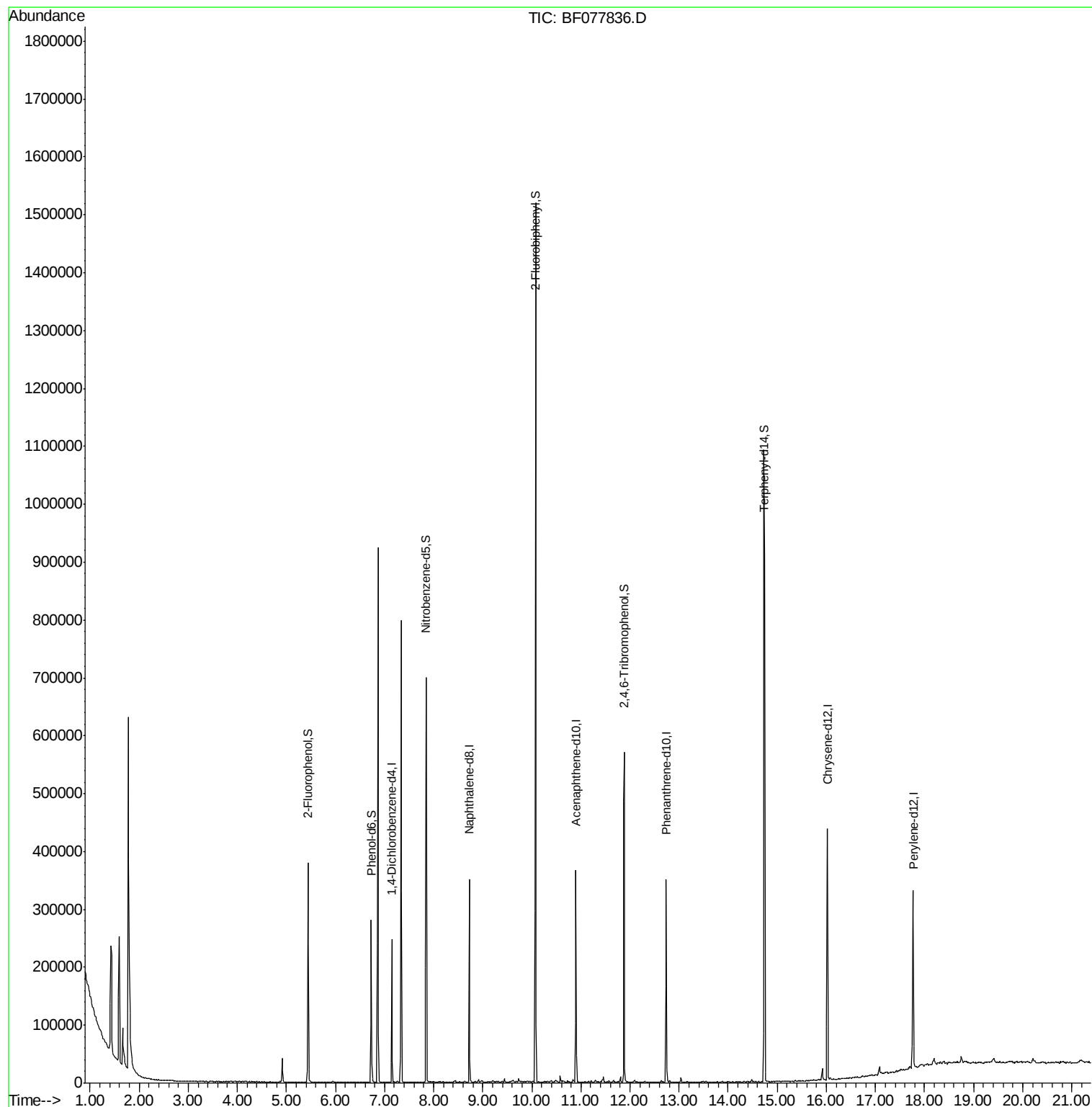
Target Compounds Qvalue

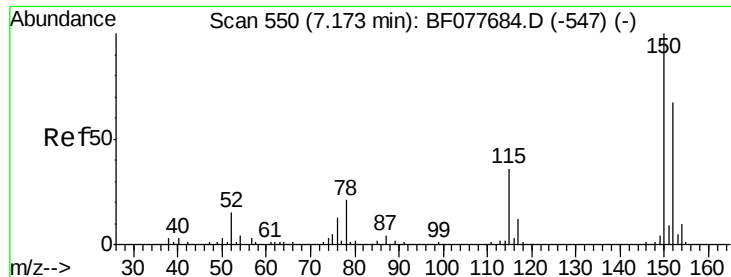
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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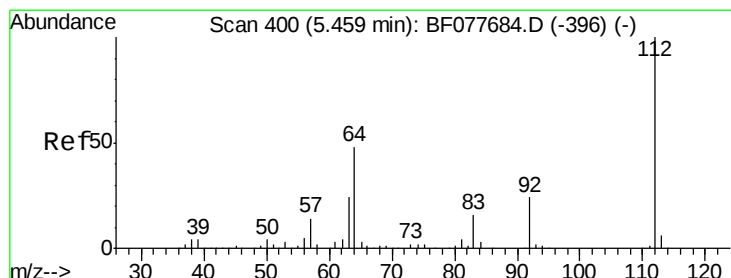
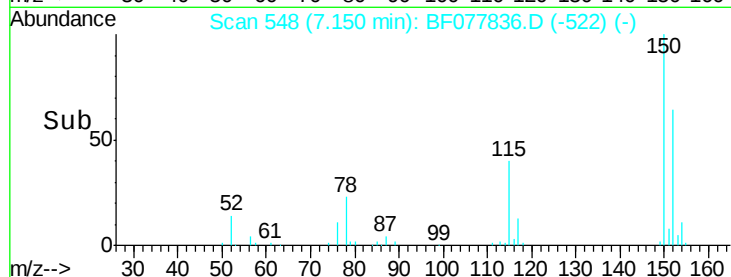
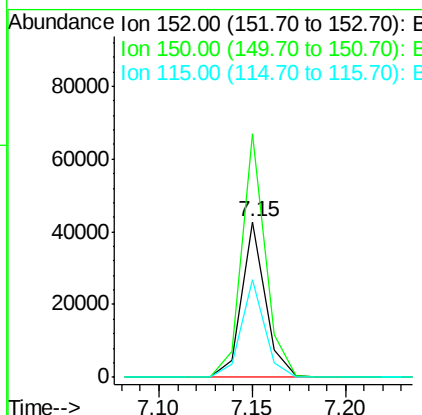
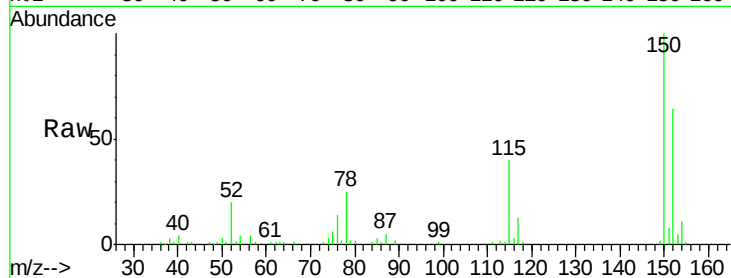


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.15 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Instrument :
BNA_F
ClientSampled :
URSMW-09

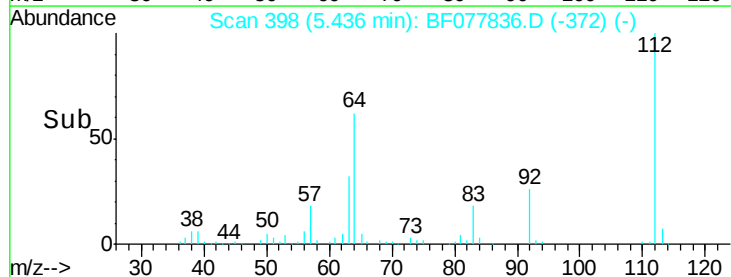
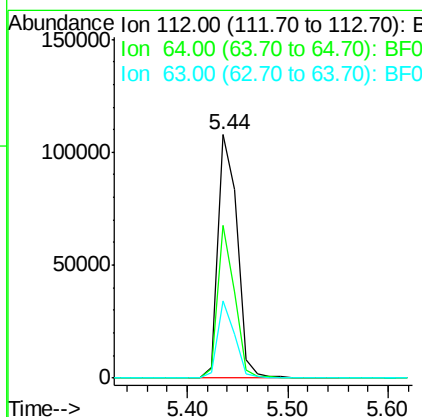
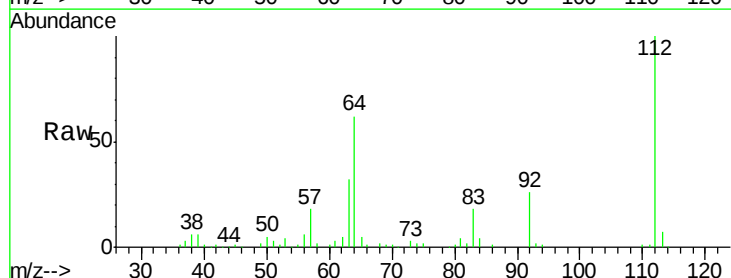
Tot Ion:152 Resp: 37961
Ion Ratio Lower Upper
152 100
150 156.5 119.5 179.3
115 63.1 43.0 64.4

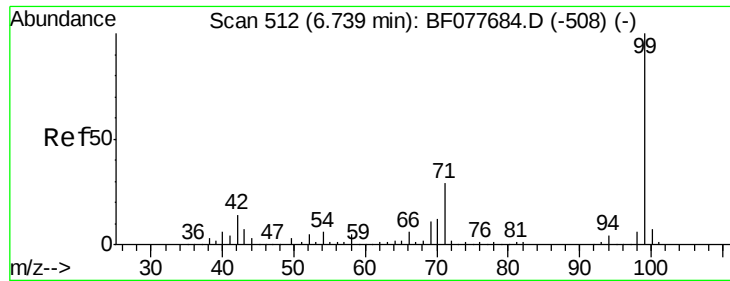


#5

2-Fluorophenol
Concen: 65.94 ng
RT: 5.44 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Tgt Ion:112 Resp: 143407
Ion Ratio Lower Upper
112 100
64 62.5 38.6 57.8#
63 31.5 19.3 28.9#





#7

Phenol-d6

Concen: 42.15 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077836.D

Acq: 19 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

URSMW-09

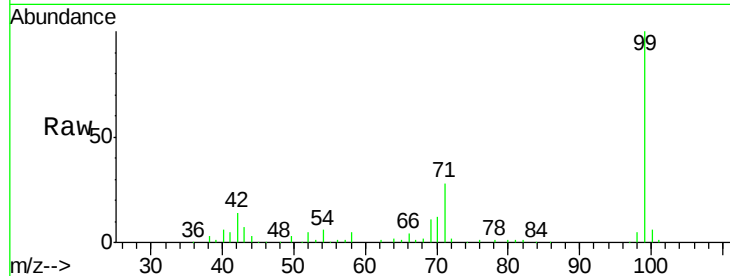
Tot Ion: 99 Resp: 113250

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

71 28.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)

6.73

150000

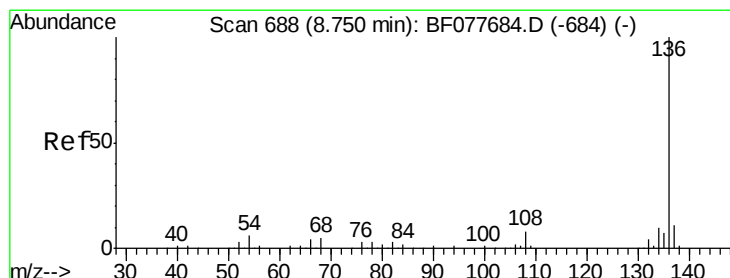
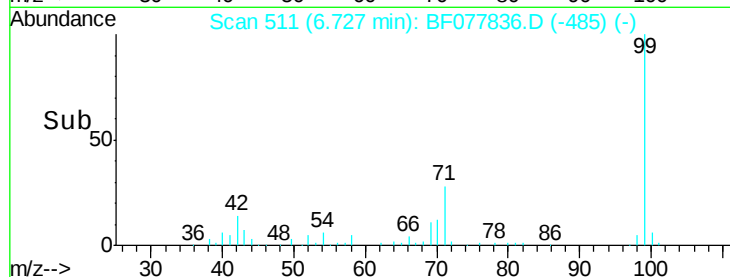
100000

50000

0

6.70 6.75 6.80

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077836.D

Acq: 19 Mar 2015 17:50

Tgt Ion: 136 Resp: 156601

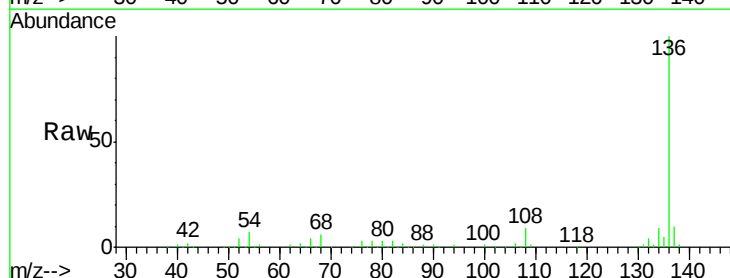
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.1 4.6 6.8#

68 5.7 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BF077684.D (-684) (-)

Ion 137.00 (136.70 to 137.70): BF077684.D (-684) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-684) (-)

Ion 68.00 (67.70 to 68.70): BF077684.D (-684) (-)

8.73

250000

200000

150000

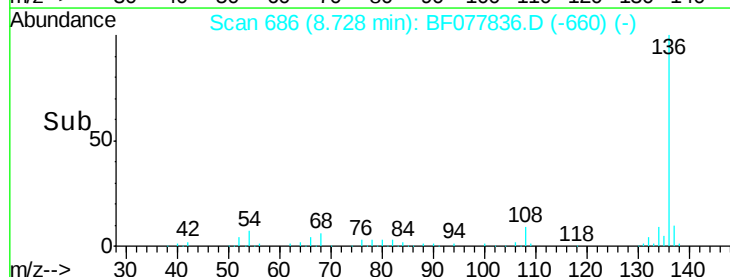
100000

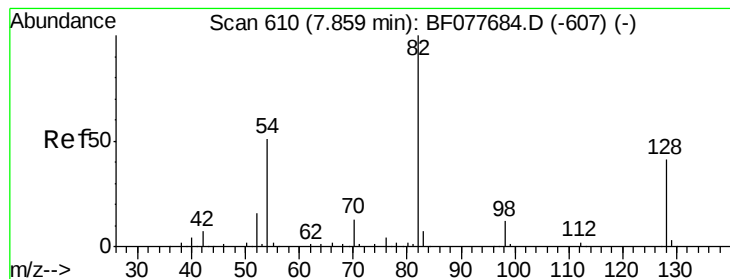
50000

0

8.65 8.70 8.75 8.80

Time-->





#23

Nitrobenzene-d5

Concen: 95.67 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF077836.D

Acq: 19 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

URSMW-09

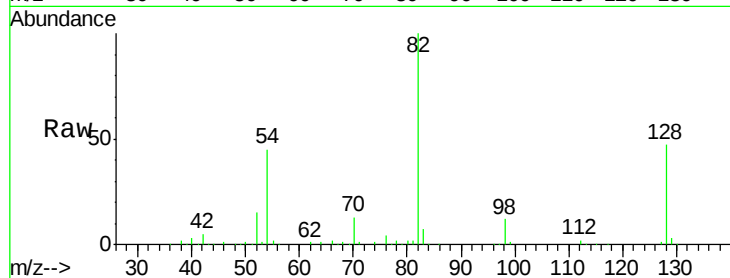
Tot Ion: 82 Resp: 228562

Ion Ratio Lower Upper

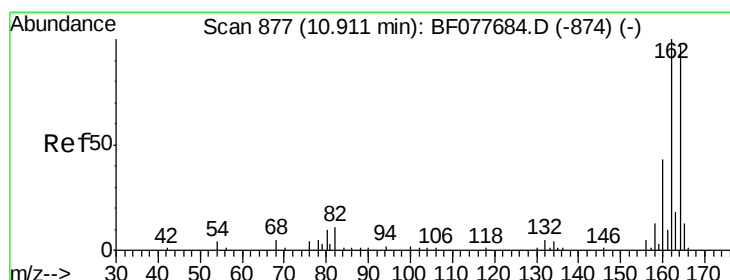
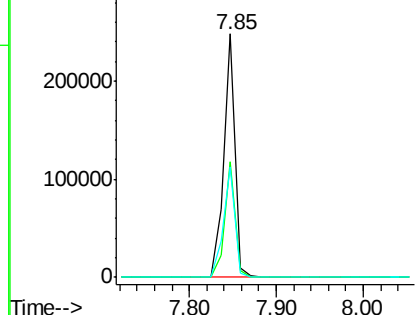
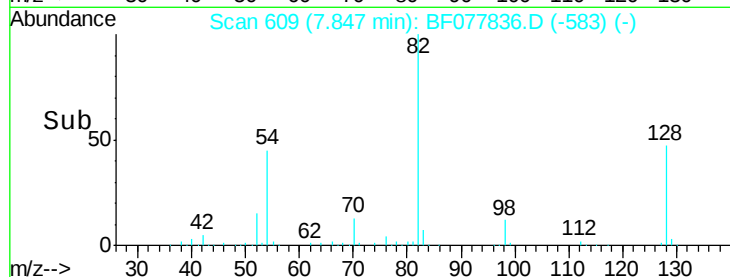
82 100

128 47.5 32.8 49.2

54 45.3 40.6 60.8



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: 10.90 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF077836.D

Acq: 19 Mar 2015 17:50

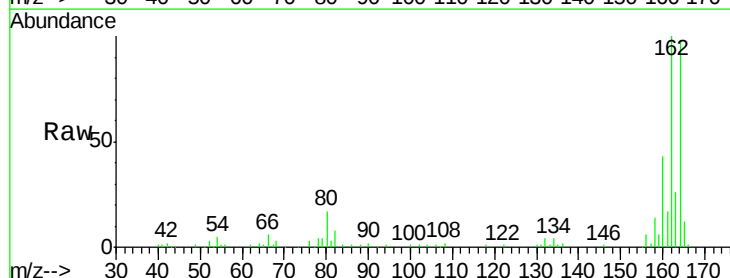
Tgt Ion: 164 Resp: 78555

Ion Ratio Lower Upper

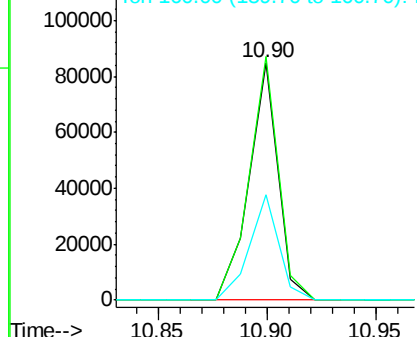
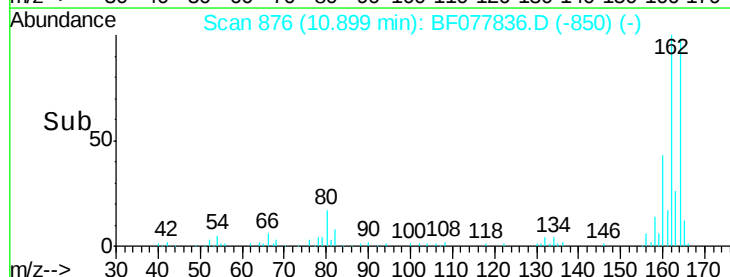
164 100

162 102.5 82.4 123.6

160 44.6 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

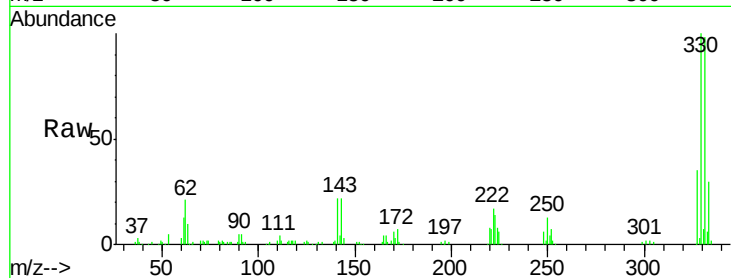




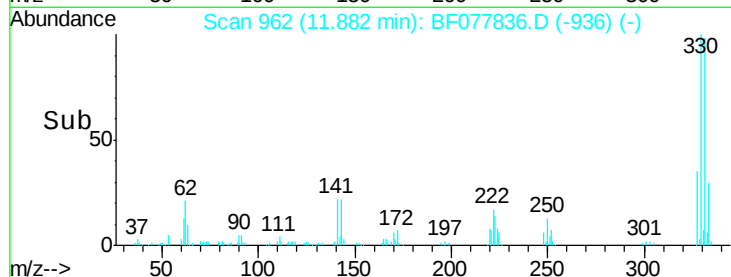
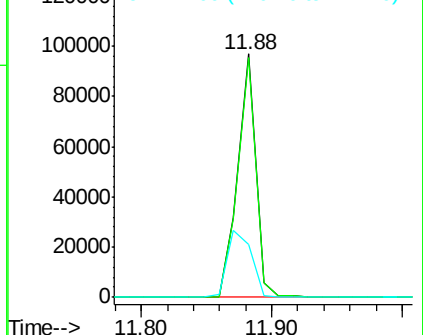
#41
 2,4,6-Tribromophenol
 Concen: 124.57 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-09

Tot Ion:330 Resp: 93629
 Ion Ratio Lower Upper
 330 100
 332 99.0 0.0 0.0#
 141 36.9 0.0 0.0#

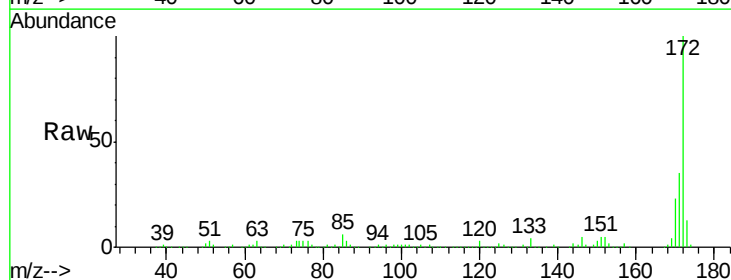


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

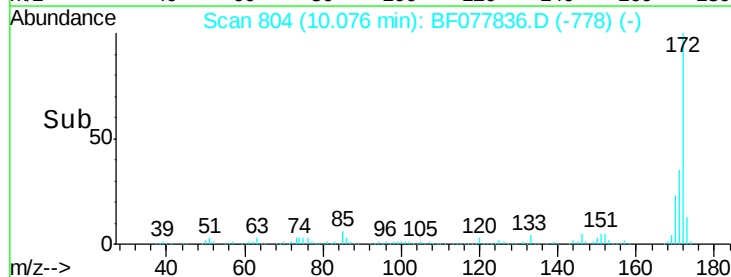
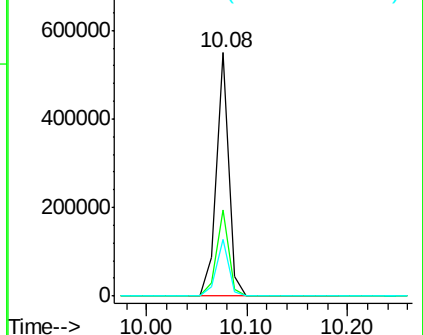


#44
 2-Fluorobiphenyl
 Concen: 87.94 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077836.D
 Acq: 19 Mar 2015 17:50

Tgt Ion:172 Resp: 470089
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.2 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

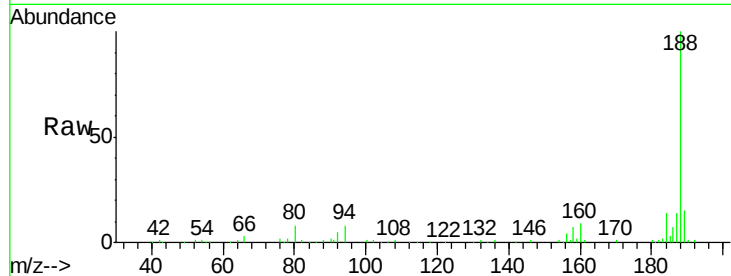




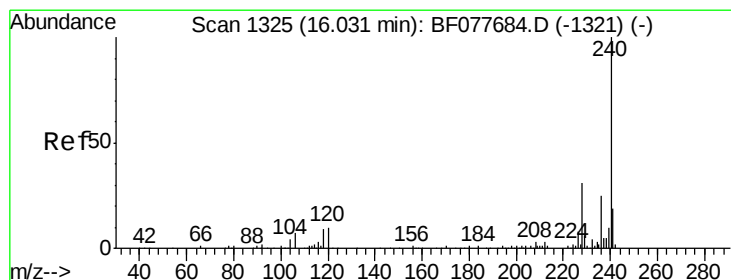
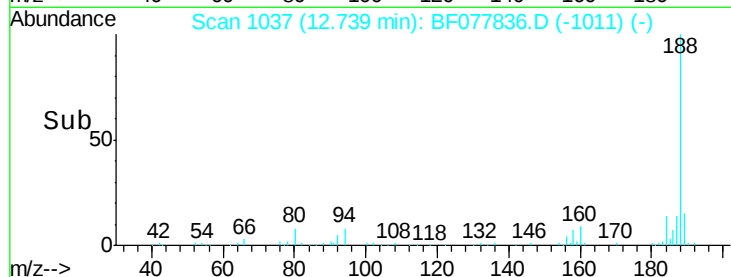
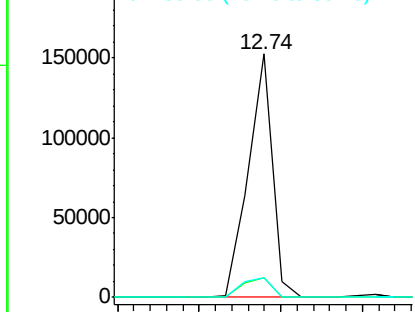
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Instrument :
BNA_F
ClientSampleId :
URSMW-09

Tot Ion:188 Resp: 156491
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.0 9.3 13.9#

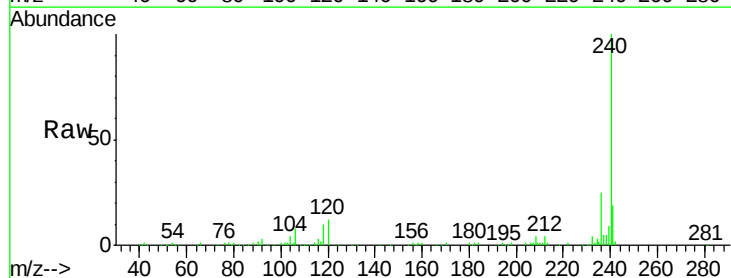


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

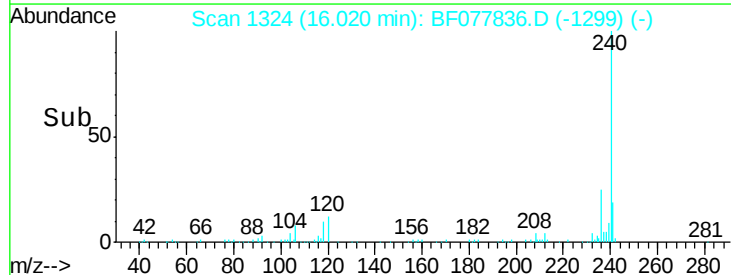
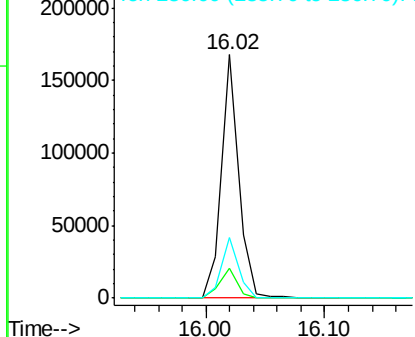


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077836.D
Acq: 19 Mar 2015 17:50

Tgt Ion:240 Resp: 168456
Ion Ratio Lower Upper
240 100
120 12.0 8.2 12.2
236 24.7 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: 75.55 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077836.D

Acq: 19 Mar 2015 17:50

Instrument :

BNA_F

ClientSampleId :

URSMW-09

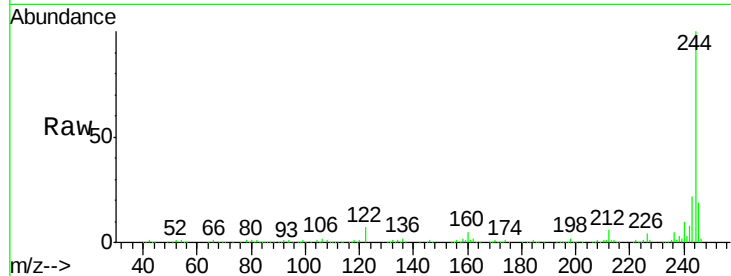
Tot Ion:244 Resp: 521041

Ion Ratio Lower Upper

244 100

212 5.6 4.9 7.3

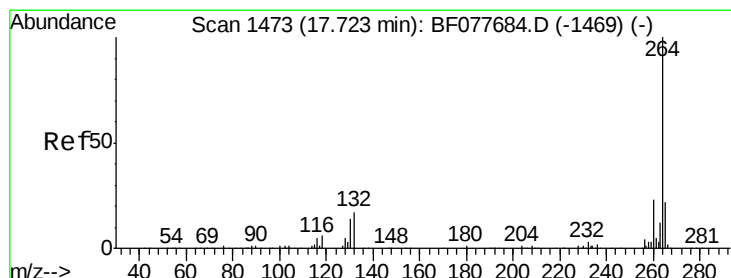
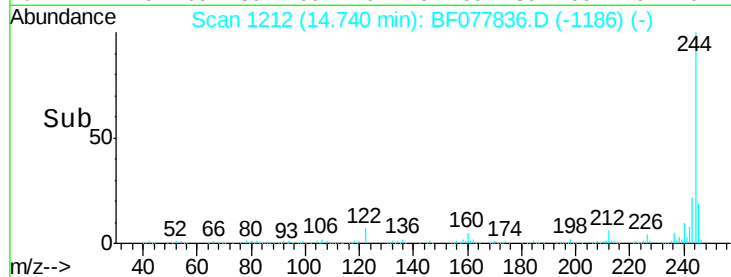
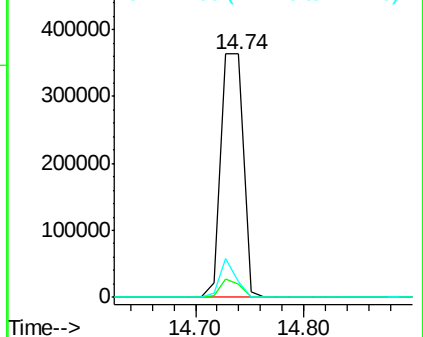
122 6.7 6.2 9.4



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

Perylene-d12

Concen: 20.00 ng

RT: 17.77 min Scan# 1477

Delta R.T. -0.02 min

Lab File: BF077836.D

Acq: 19 Mar 2015 17:50

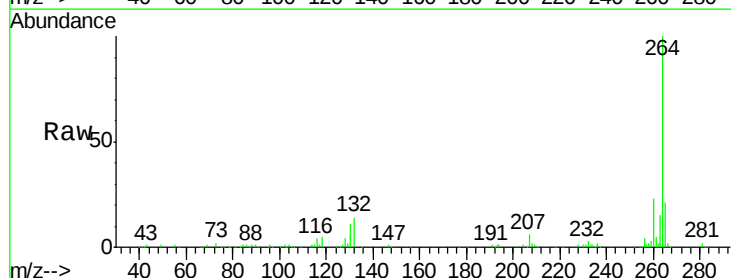
Tgt Ion:264 Resp: 170306

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.9 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

