

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077817.D
 Acq On : 19 Mar 2015 3:19
 Operator : TP/IZ
 Sample : G1560-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-13

Quant Time: Mar 19 04:55:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	38149	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	150811	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	78730	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	160317	20.00	ng	0.00
75) Chrysene-d12	16.03	240	175785	20.00	ng	0.00
86) Perylene-d12	17.76	264	173289	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	150057	68.66	ng	0.01
7) Phenol-d6	6.73	99	119054	44.09	ng	0.00
23) Nitrobenzene-d5	7.85	82	215761	93.78	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	104380	138.57	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	487325	90.97	ng	0.00
78) Terphenyl-d14	14.74	244	567783	78.90	ng	0.00

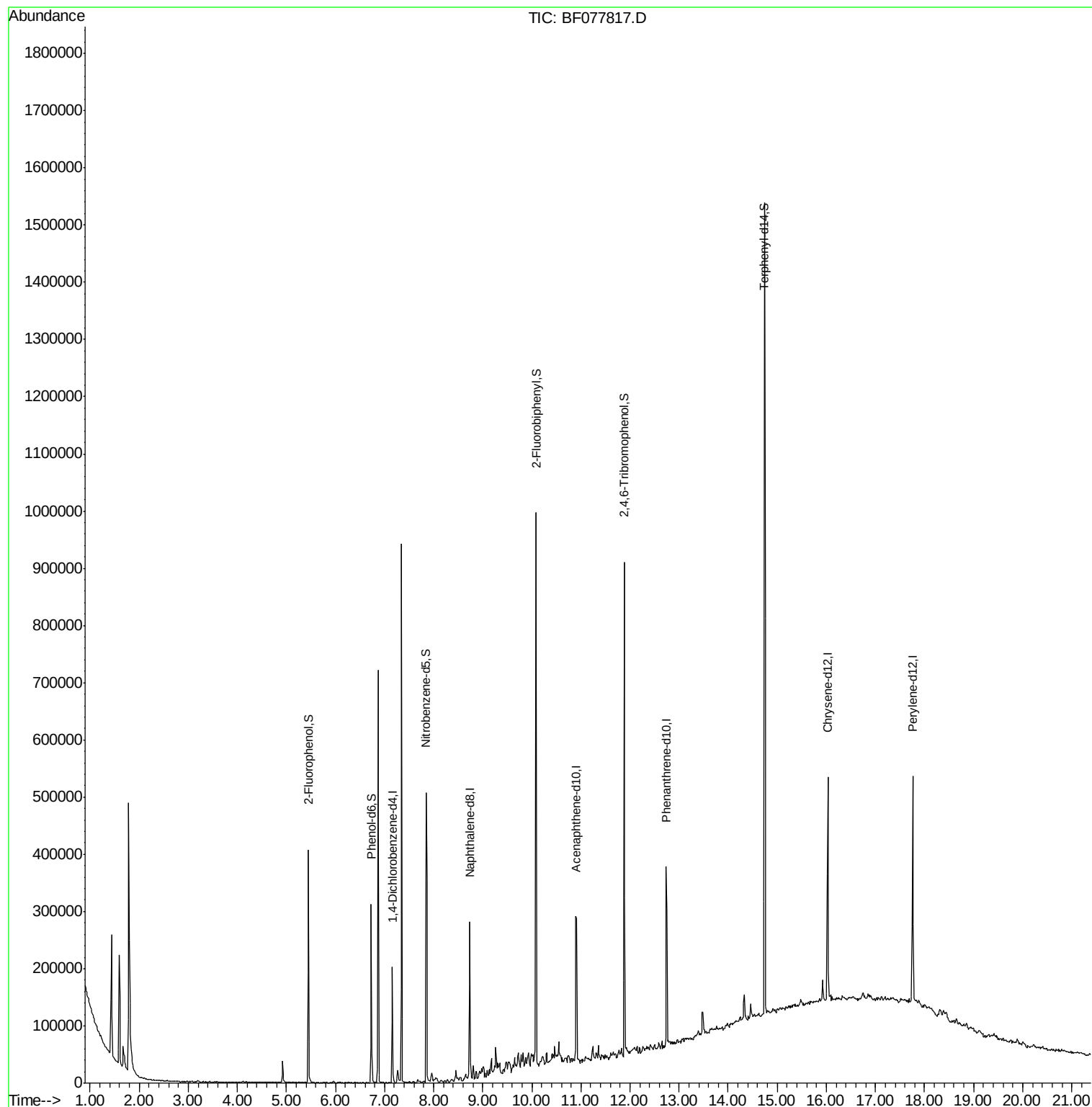
Target Compounds Qvalue

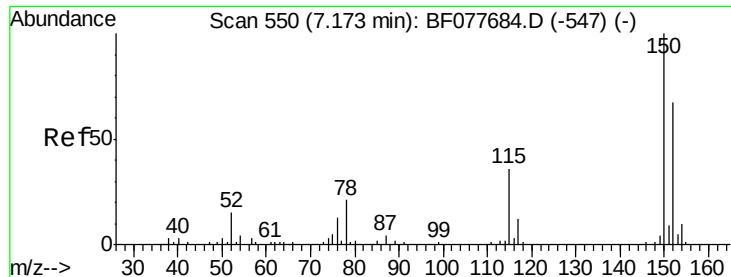
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077817.D

Acq: 19 Mar 2015 3:19

Instrument :

BNA_F

ClientSampleId :

URSMW-13

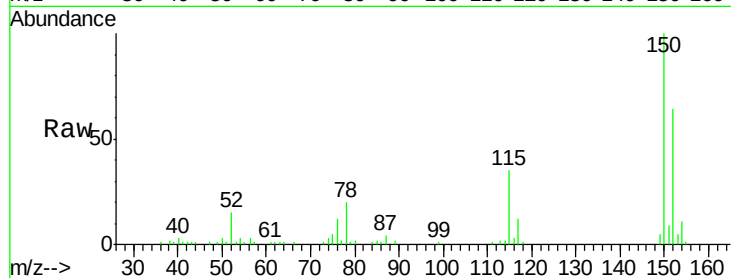
Tot Ion:152 Resp: 38149

Ion Ratio Lower Upper

152 100

150 155.7 119.5 179.3

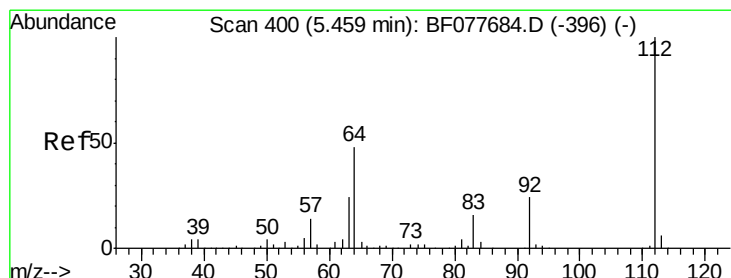
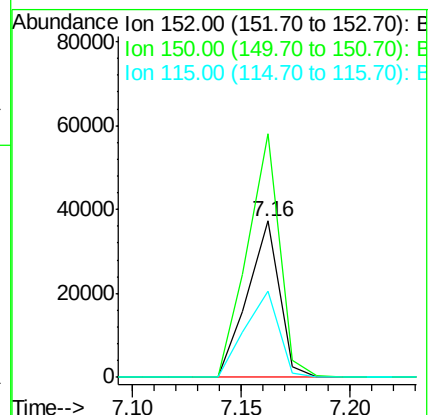
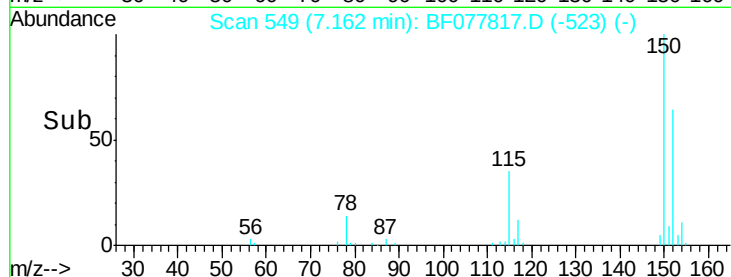
115 54.9 43.0 64.4



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: 68.66 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077817.D

Acq: 19 Mar 2015 3:19

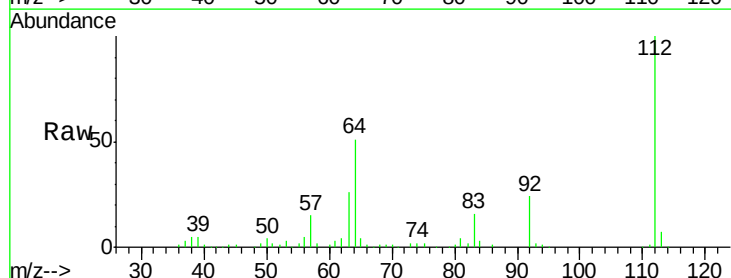
Tgt Ion:112 Resp: 150057

Ion Ratio Lower Upper

112 100

64 51.0 38.6 57.8

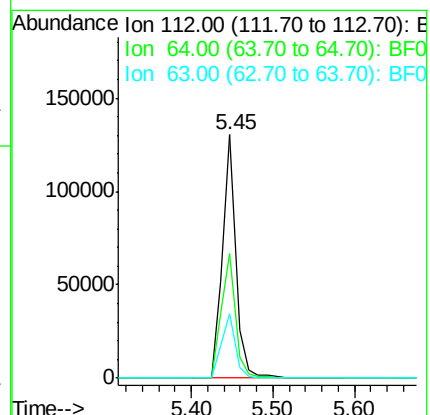
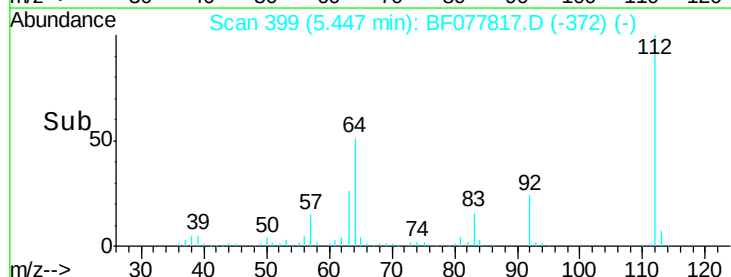
63 26.3 19.3 28.9

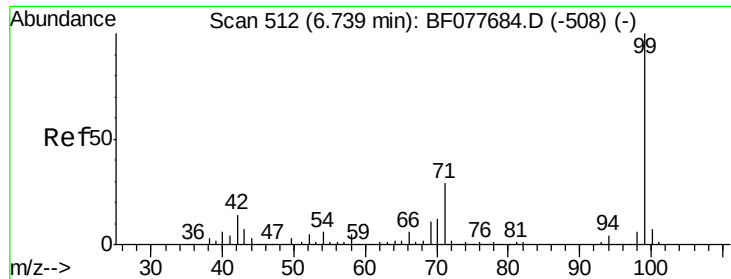


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.09 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077817.D

Acq: 19 Mar 2015 3:19

Instrument :

BNA_F

ClientSampleId :

URSMW-13

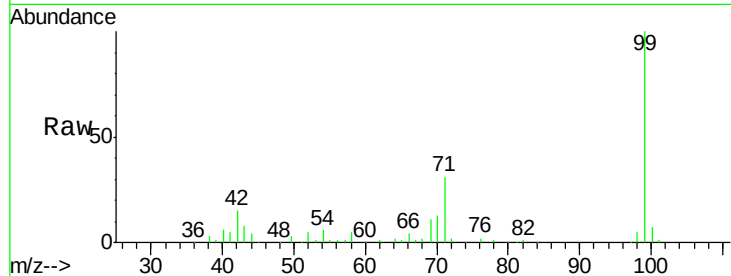
Tot Ion: 99 Resp: 119054

Ion Ratio Lower Upper

99 100

42 14.9 11.0 16.4

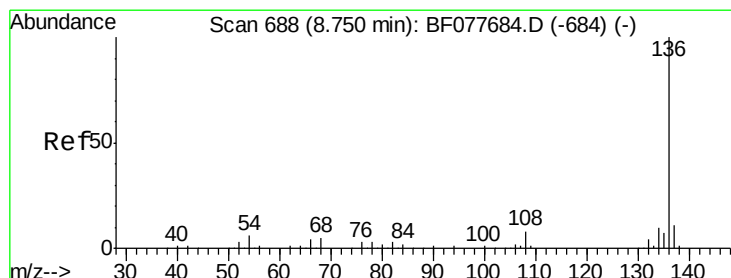
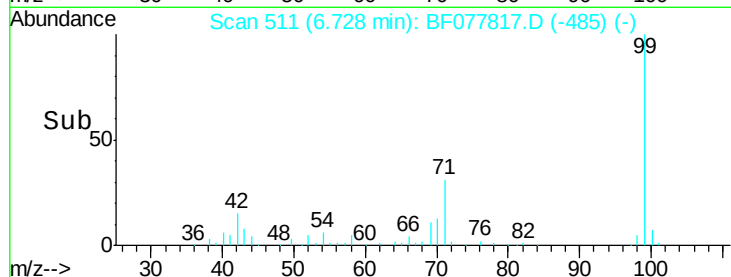
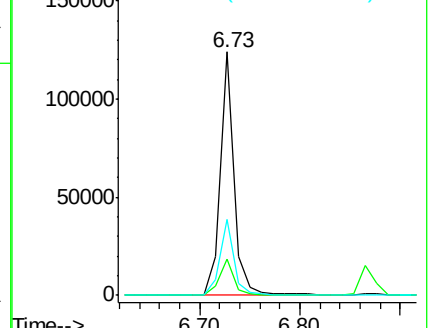
71 31.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077817.D

Acq: 19 Mar 2015 3:19

Tgt Ion: 136 Resp: 150811

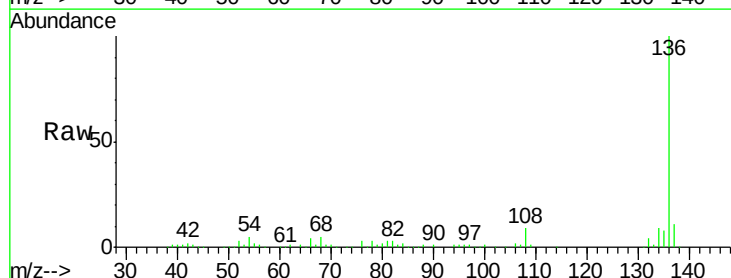
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.5 4.6 6.8

68 4.7 3.7 5.5

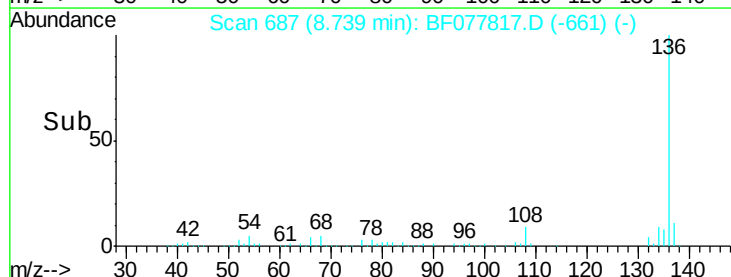
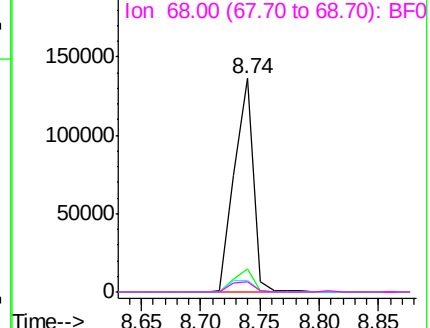


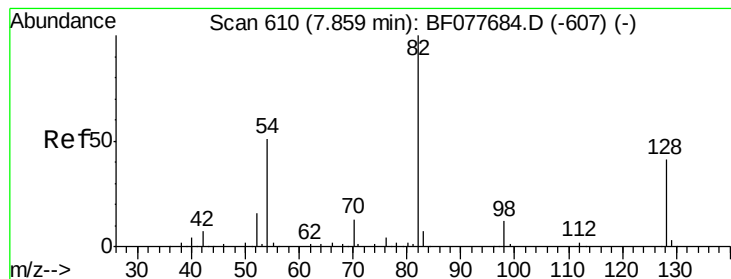
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 93.78 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077817.D

Acq: 19 Mar 2015 3:19

Instrument :

BNA_F

ClientSampleId :

URSMW-13

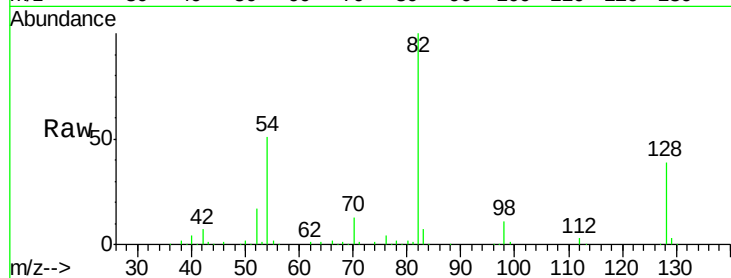
Tot Ion: 82 Resp: 215761

Ion Ratio Lower Upper

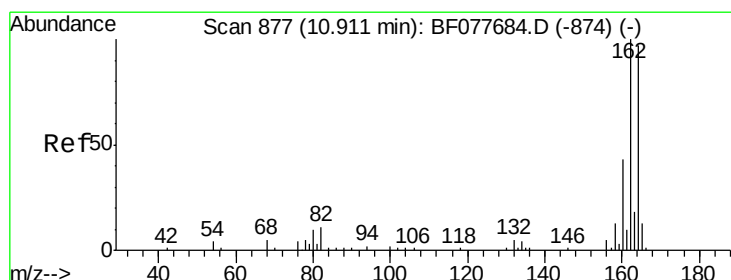
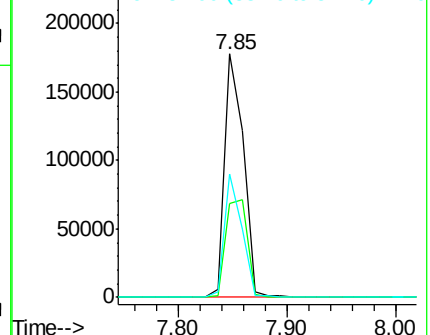
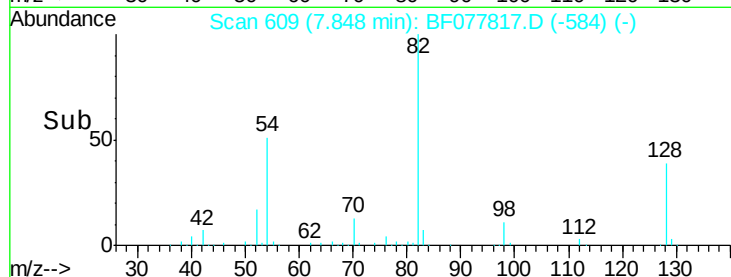
82 100

128 38.7 32.8 49.2

54 50.8 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. -0.01 min

Lab File: BF077817.D

Acq: 19 Mar 2015 3:19

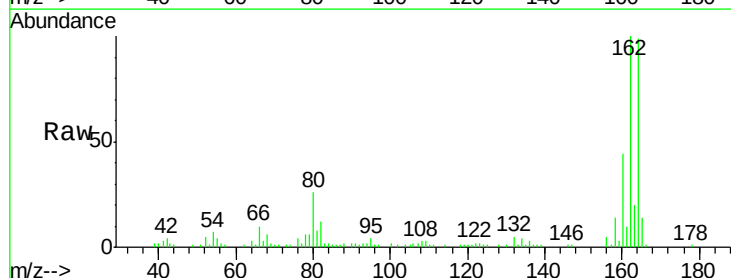
Tgt Ion:164 Resp: 78730

Ion Ratio Lower Upper

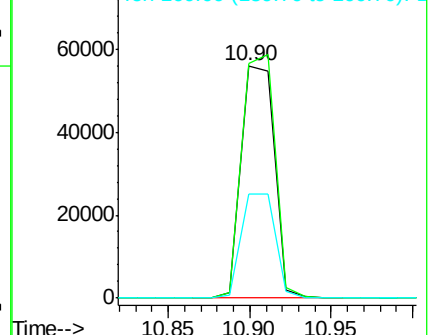
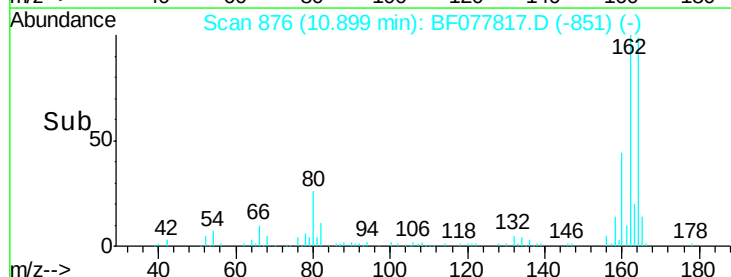
164 100

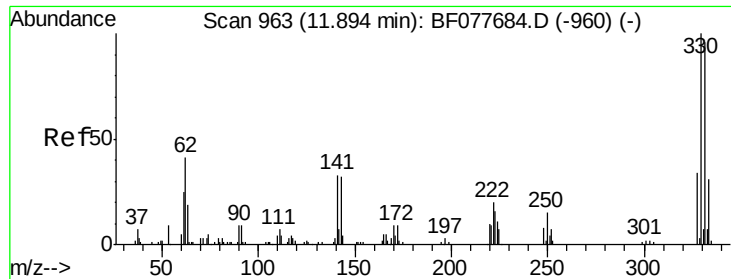
162 100.9 82.4 123.6

160 44.8 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

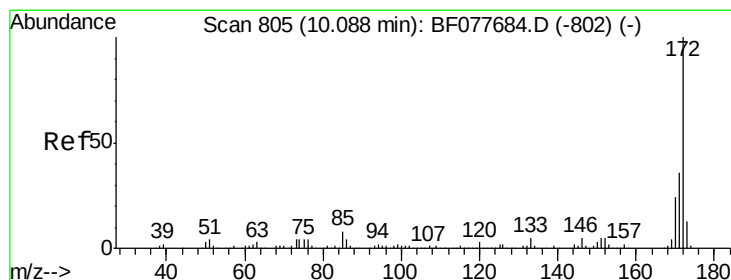
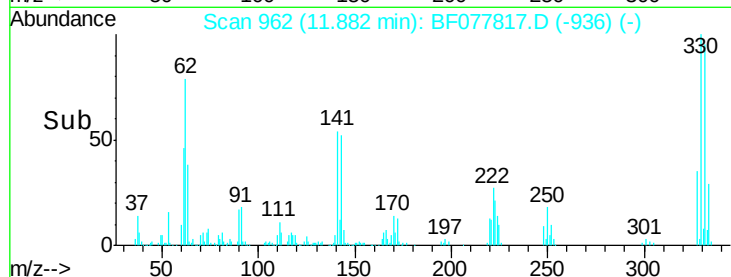
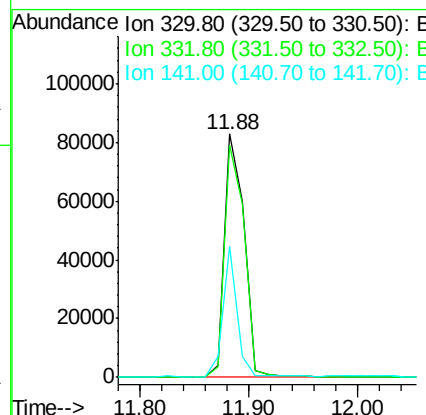
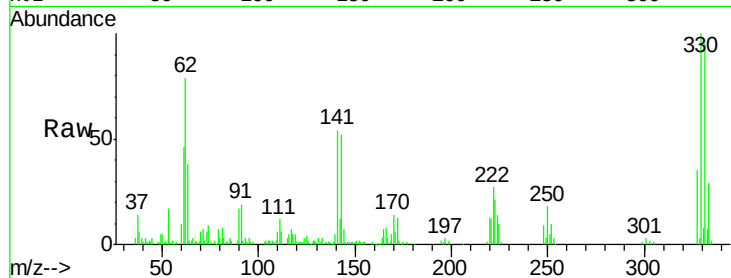




#41
 2,4,6-Tribromophenol
 Concen: 138.57 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077817.D
 Acq: 19 Mar 2015 3:19

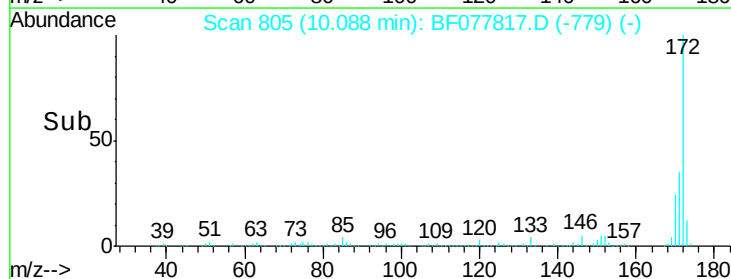
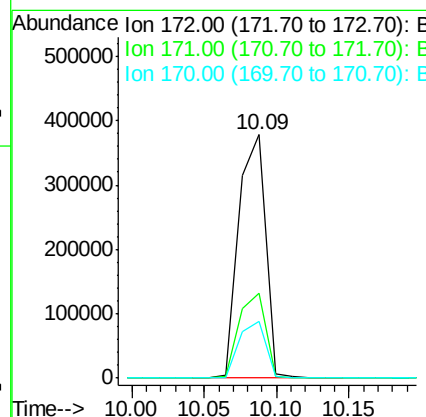
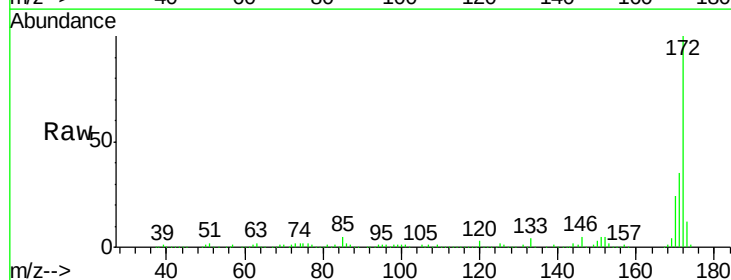
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-13

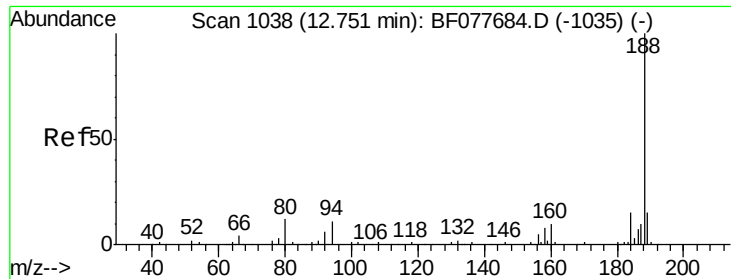
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	40.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 90.97 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077817.D
 Acq: 19 Mar 2015 3:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.5	18.8	28.2

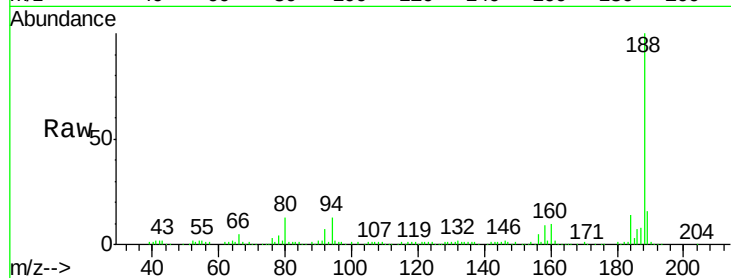




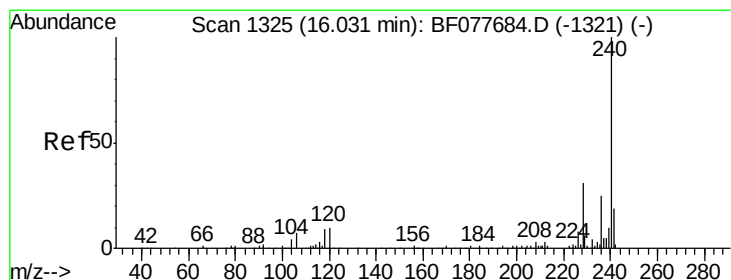
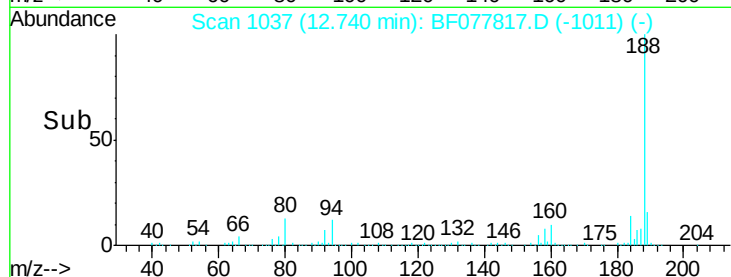
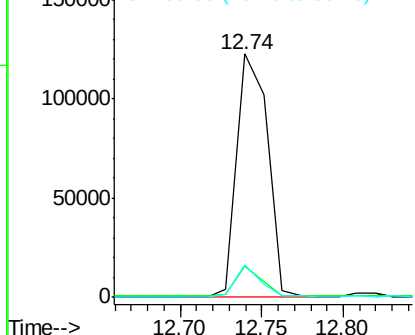
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tot Ion:188 Resp: 160317
Ion Ratio Lower Upper
188 100
94 12.8 8.7 13.1
80 13.2 9.3 13.9

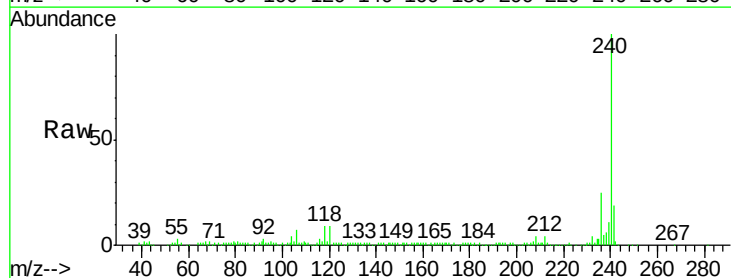


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

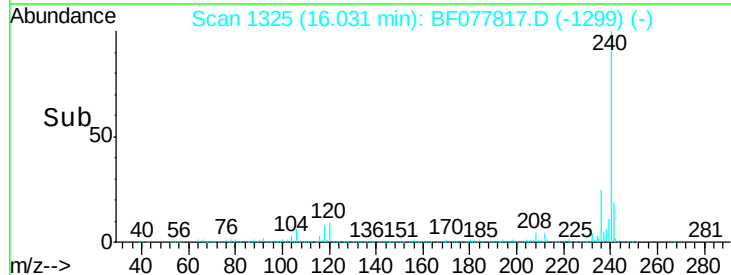
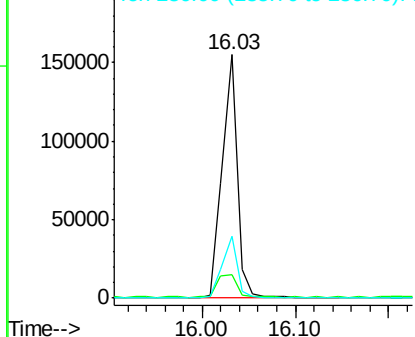


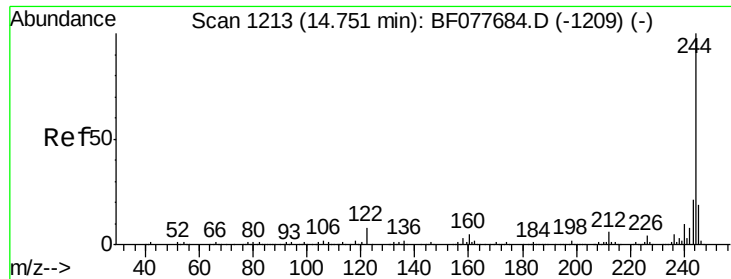
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077817.D
Acq: 19 Mar 2015 3:19

Tgt Ion:240 Resp: 175785
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 25.2 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: 78.90 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077817.D

Acq: 19 Mar 2015 3:19

Instrument :

BNA_F

ClientSampleId :

URSMW-13

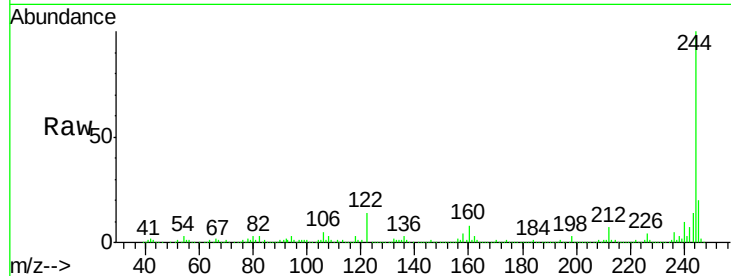
Tot Ion:244 Resp: 567783

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

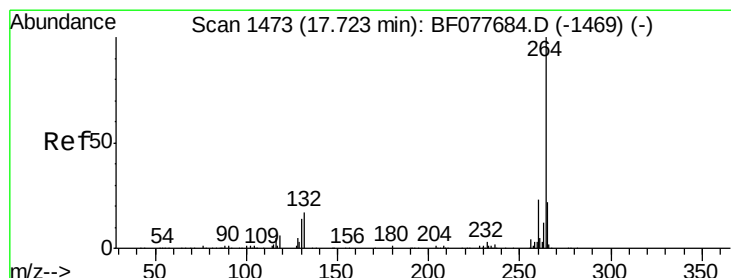
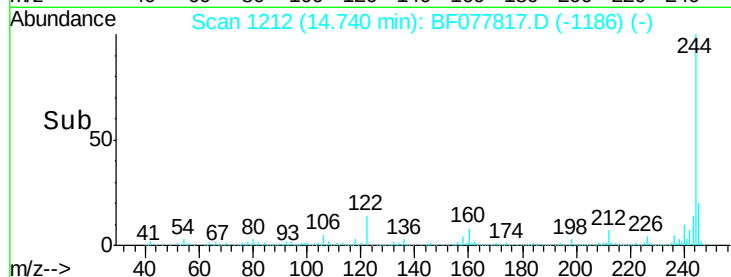
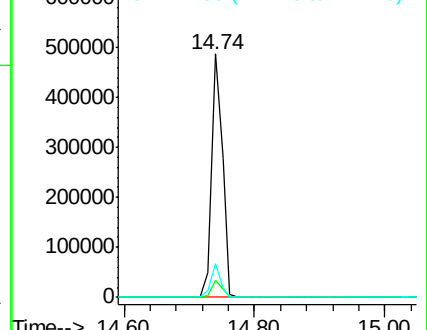
122 14.0 6.2 9.4#



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: 17.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF077817.D

Acq: 19 Mar 2015 3:19

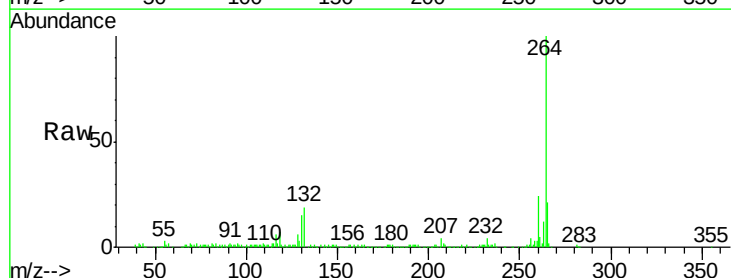
Tgt Ion:264 Resp: 173289

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 20.8 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

