

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077740.D
 Acq On : 13 Mar 2015 15:25
 Operator : TP/IZ
 Sample : G1517-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Quant Time: Mar 14 00:22:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	52542	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	211627	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	109439	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	218525	20.00	ng	0.00
75) Chrysene-d12	16.03	240	226212	20.00	ng	0.00
86) Perylene-d12	17.75	264	216511	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	150952	50.15	ng	0.00
7) Phenol-d6	6.74	99	114550	30.80	ng	0.00
23) Nitrobenzene-d5	7.86	82	262785	81.40	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	116576	111.33	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	618280	83.03	ng	0.00
78) Terphenyl-d14	14.74	244	547856	59.16	ng	0.00

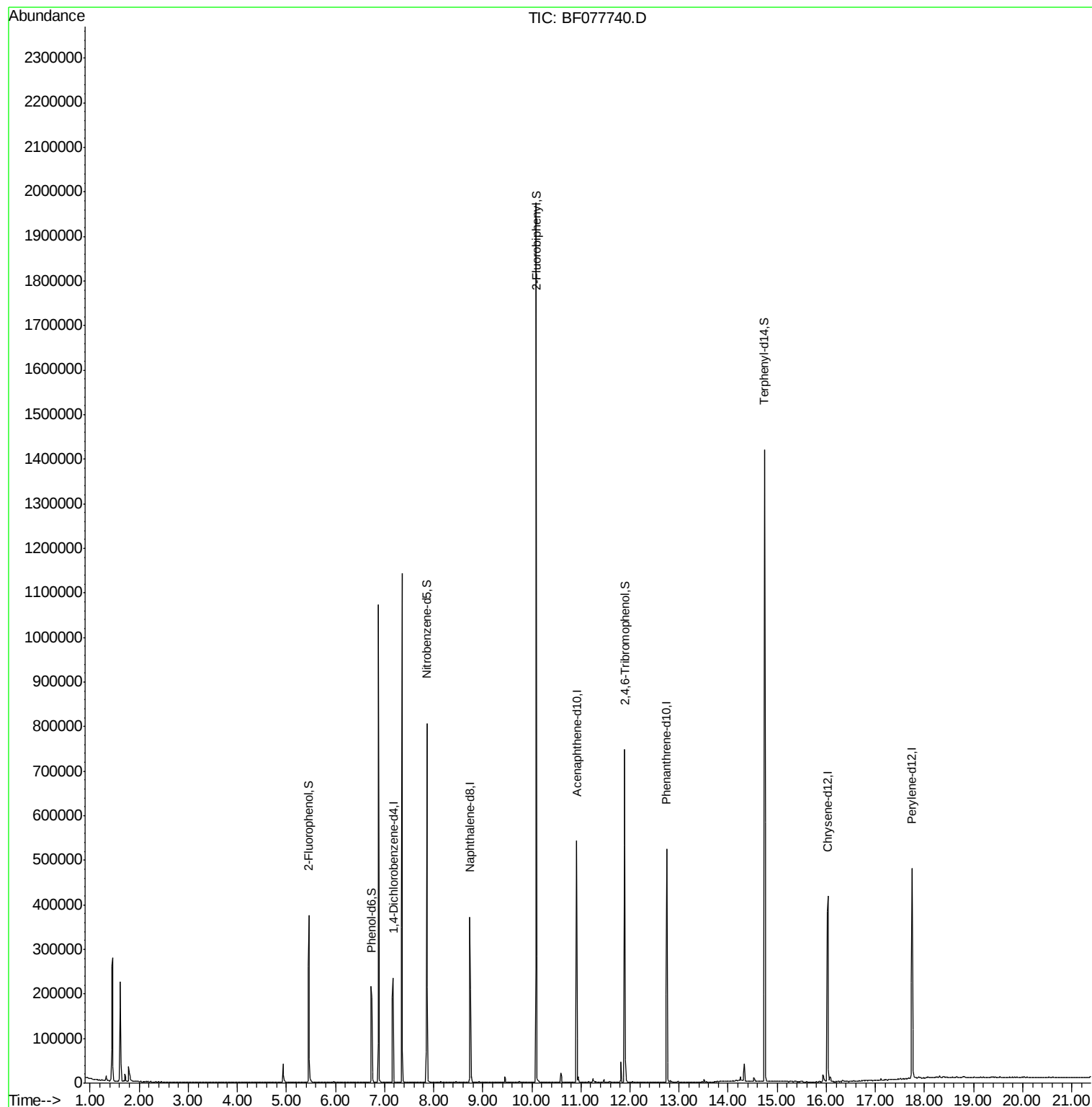
Target Compounds	Qvalue
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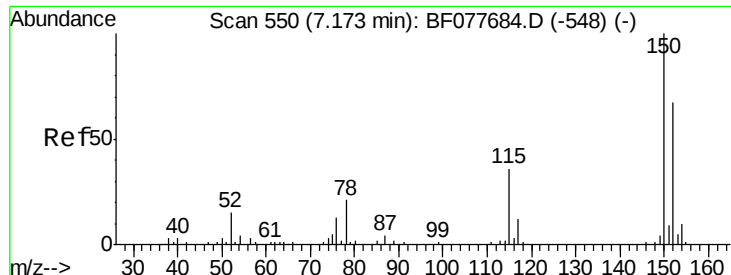
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 14:04:45 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077740.D

Acq: 13 Mar 2015 15:25

Instrument :

BNA_F

ClientSampled :

MW1

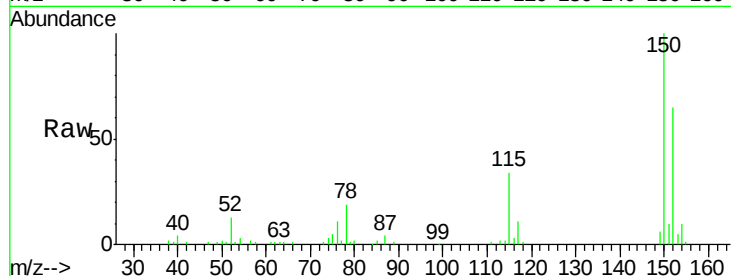
Tgt Ion:152 Resp: 52542

Ion Ratio Lower Upper

152 100

150 153.8 119.5 179.3

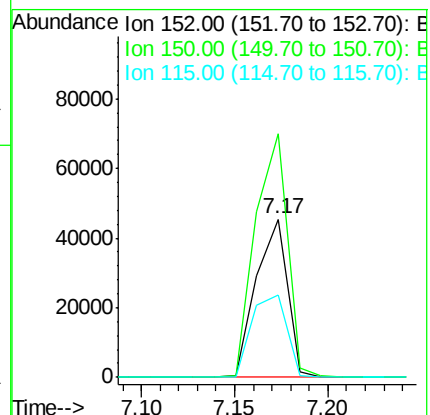
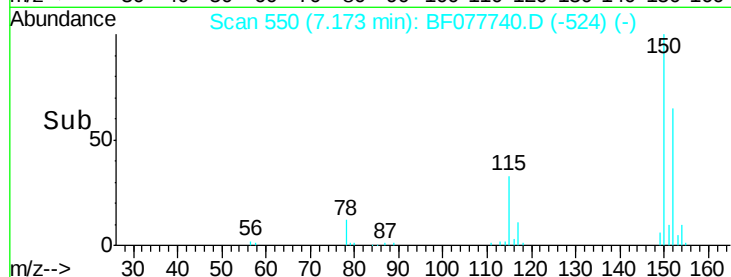
115 52.2 43.0 64.4



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: 50.15 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077740.D

Acq: 13 Mar 2015 15:25

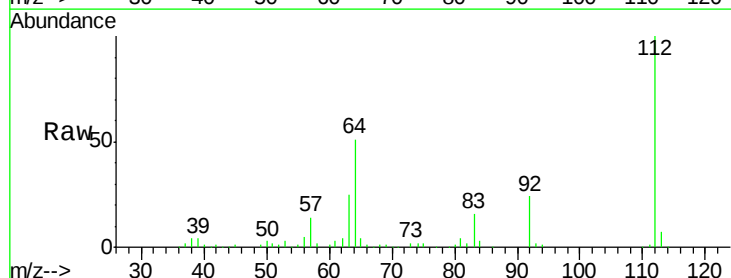
Tgt Ion:112 Resp: 150952

Ion Ratio Lower Upper

112 100

64 50.9 38.6 57.8

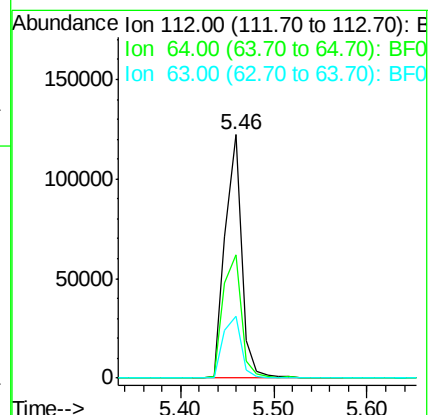
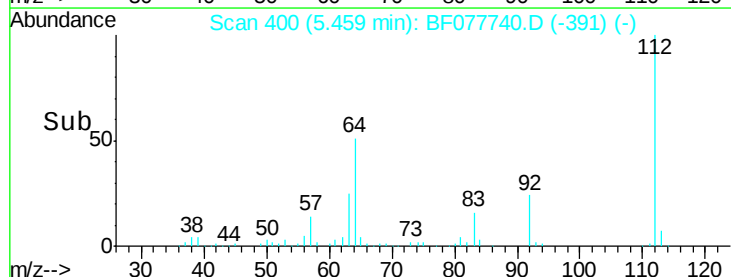
63 25.4 19.3 28.9



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: 30.80 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077740.D

Acq: 13 Mar 2015 15:25

Instrument :

BNA_F

ClientSampleId :

MW1

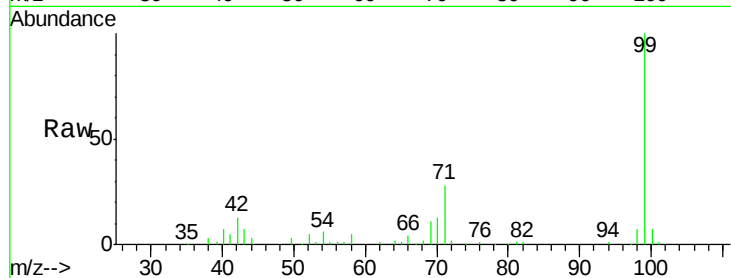
Tgt Ion: 99 Resp: 114550

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

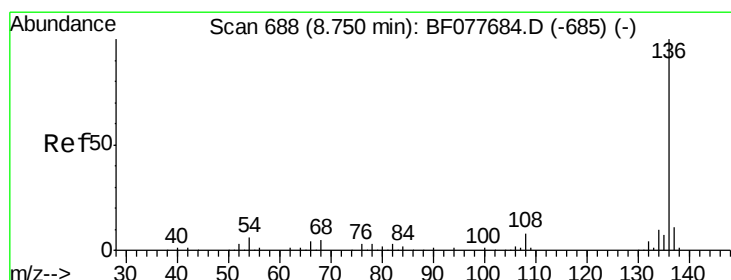
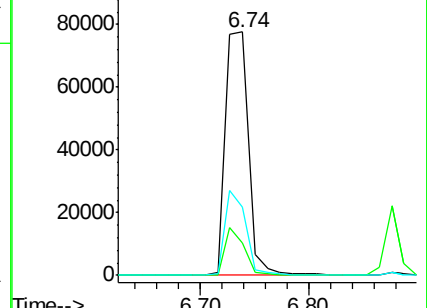
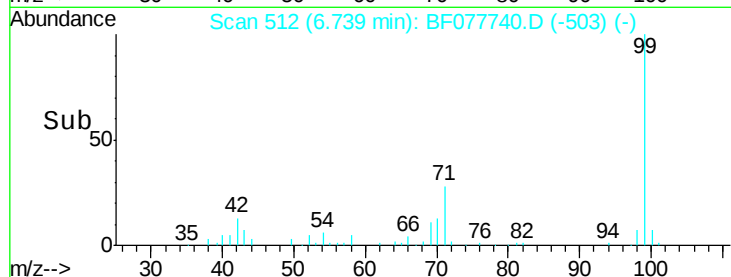
71 28.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF077740.D (-503) (-)

Ion 42.00 (41.70 to 42.70): BF077740.D (-503) (-)

Ion 71.00 (70.70 to 71.70): BF077740.D (-503) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077740.D

Acq: 13 Mar 2015 15:25

Tgt Ion: 136 Resp: 211627

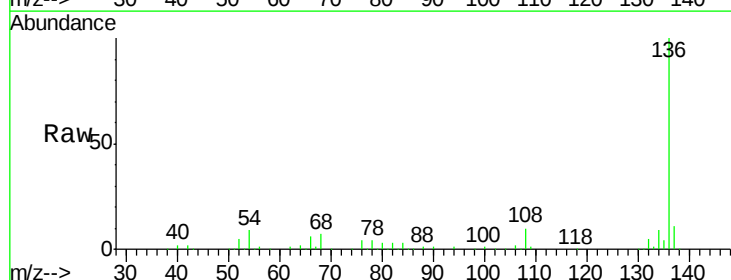
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.5 4.6 6.8#

68 6.7 3.7 5.5#

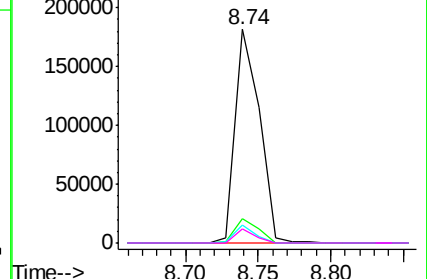
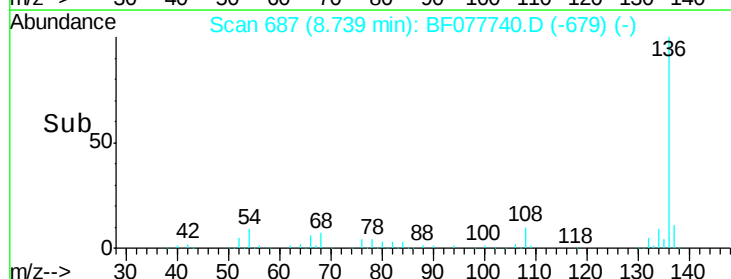


Abundance Ion 136.00 (135.70 to 136.70): BF077740.D (-679) (-)

Ion 137.00 (136.70 to 137.70): BF077740.D (-679) (-)

Ion 54.00 (53.70 to 54.70): BF077740.D (-679) (-)

Ion 68.00 (67.70 to 68.70): BF077740.D (-679) (-)





#23

Nitrobenzene-d5

Concen: 81.40 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF077740.D

Acq: 13 Mar 2015 15:25

Instrument :

BNA_F

ClientSampleId :

MW1

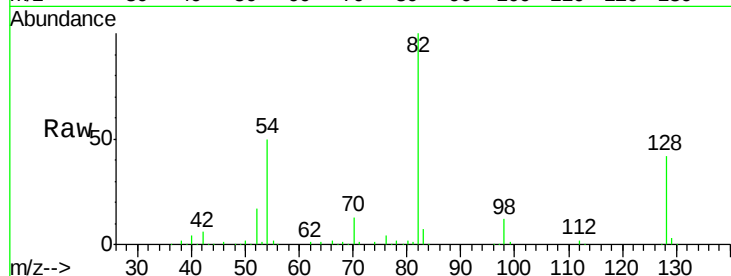
Tgt Ion: 82 Resp: 262785

Ion Ratio Lower Upper

82 100

128 42.3 32.8 49.2

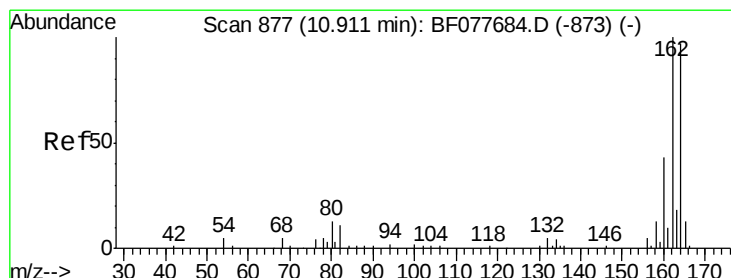
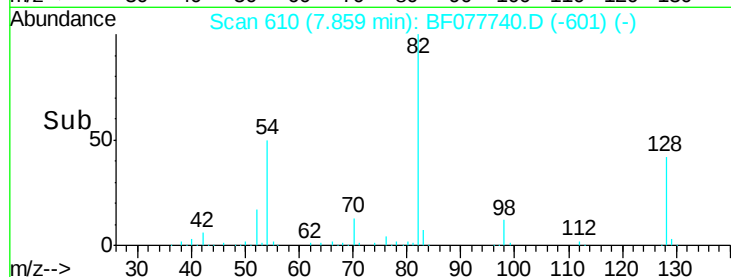
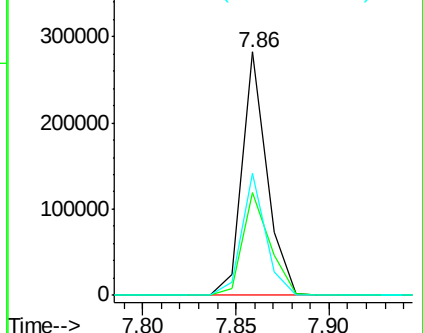
54 50.3 40.6 60.8



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: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077740.D

Acq: 13 Mar 2015 15:25

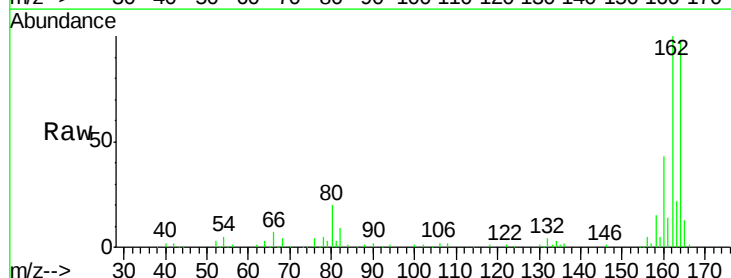
Tgt Ion: 164 Resp: 109439

Ion Ratio Lower Upper

164 100

162 102.4 82.4 123.6

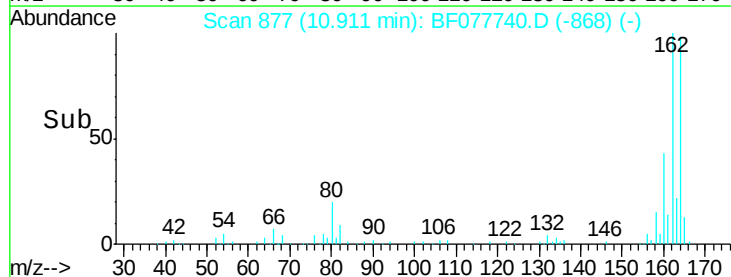
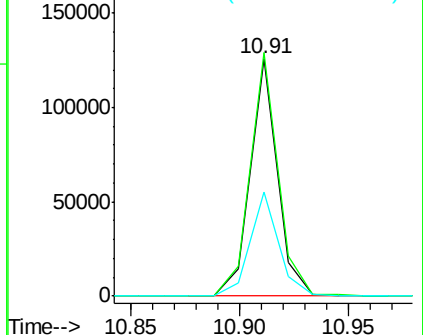
160 44.0 35.8 53.6



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

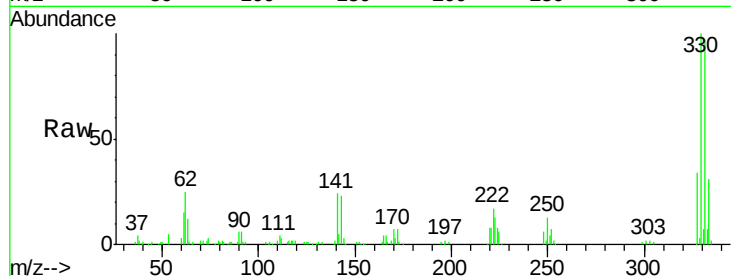




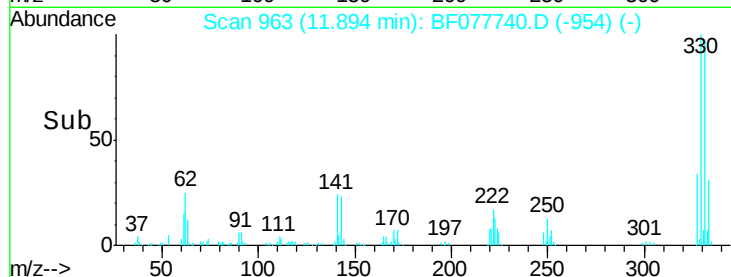
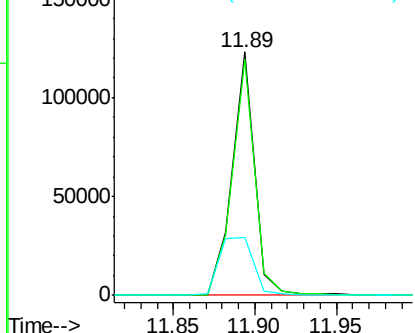
#41
 2,4,6-Tribromophenol
 Concen: 111.33 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077740.D
 Acq: 13 Mar 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	36.7	0.0	0.0#

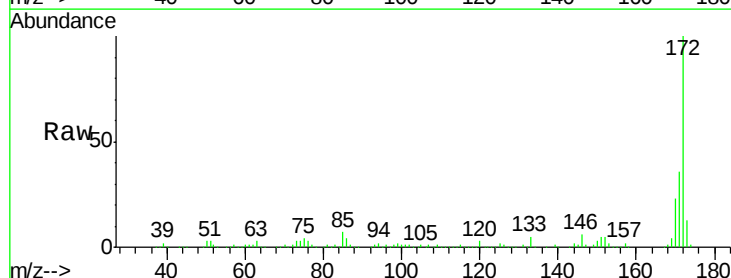


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

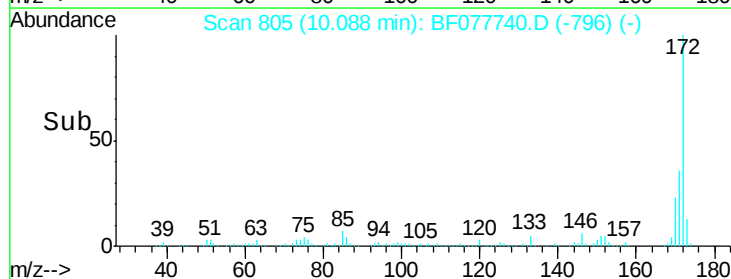
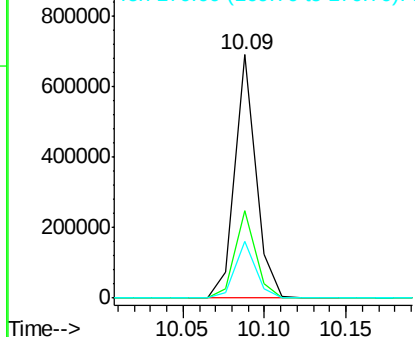


#44
 2-Fluorobiphenyl
 Concen: 83.03 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077740.D
 Acq: 13 Mar 2015 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.3	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

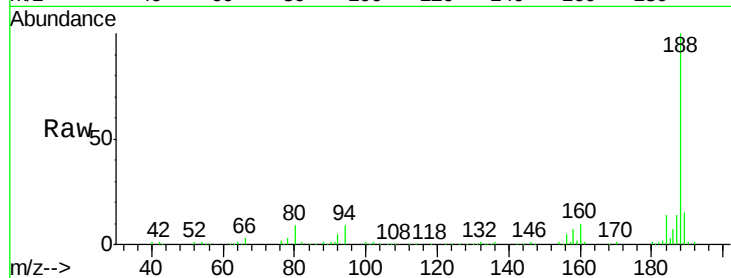




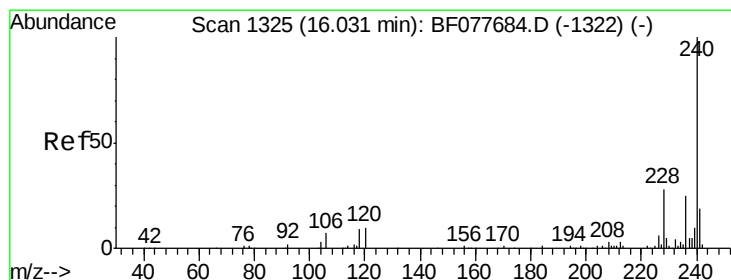
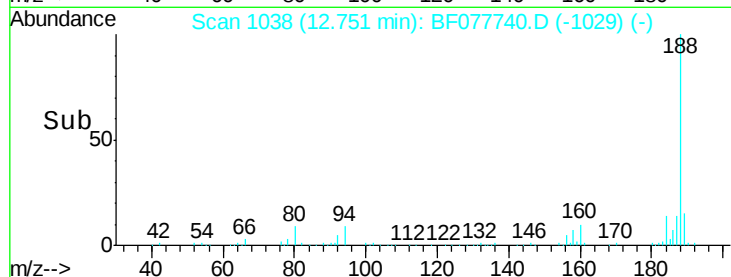
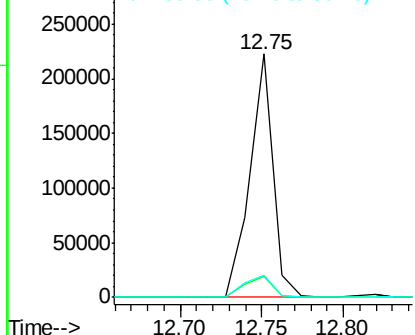
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077740.D
Acq: 13 Mar 2015 15:25

Instrument :
BNA_F
ClientSampleId :
MW1

Tgt Ion:188 Resp: 218525
Ion Ratio Lower Upper
188 100
94 8.5 8.7 13.1#
80 8.9 9.3 13.9#

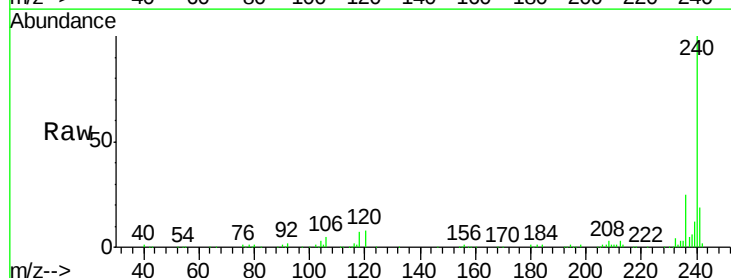


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

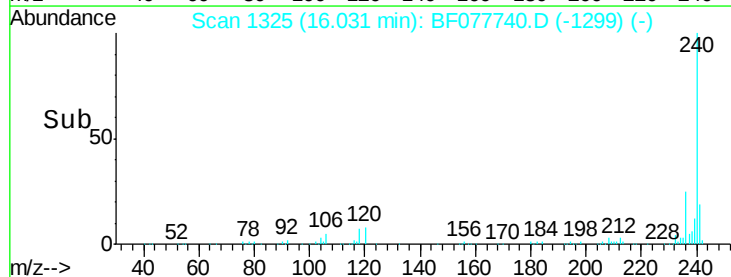
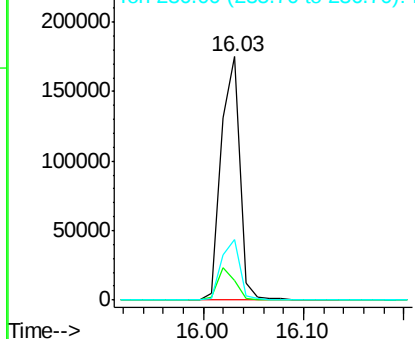


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077740.D
Acq: 13 Mar 2015 15:25

Tgt Ion:240 Resp: 226212
Ion Ratio Lower Upper
240 100
120 7.8 8.2 12.2#
236 24.8 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: 59.16 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077740.D

Acq: 13 Mar 2015 15:25

Instrument :

BNA_F

ClientSampleId :

MW1

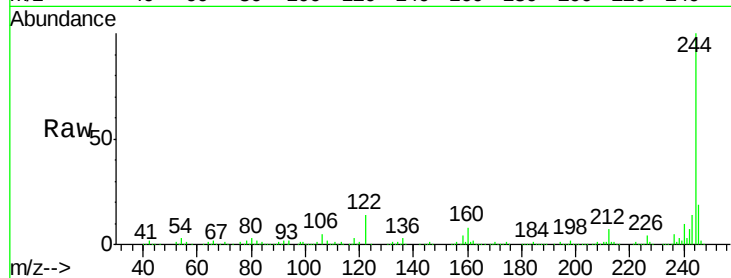
Tgt Ion:244 Resp: 547856

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

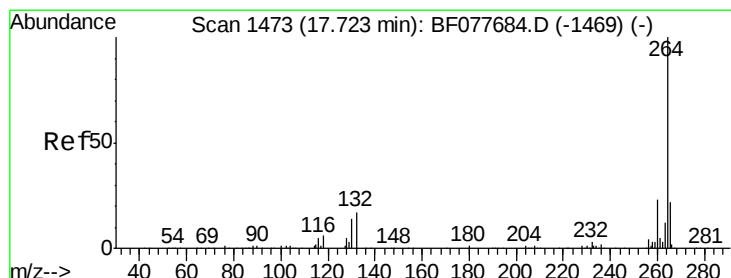
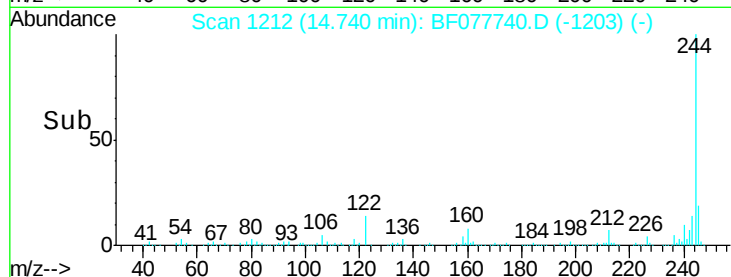
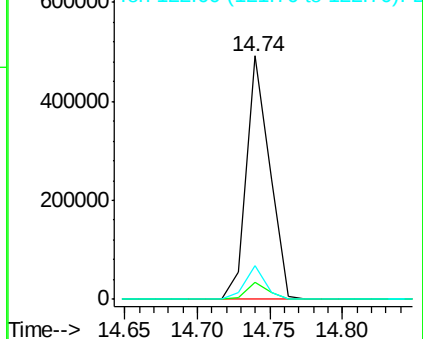
122 14.1 6.2 9.4#



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: 17.75 min Scan# 1475

Delta R.T. -0.05 min

Lab File: BF077740.D

Acq: 13 Mar 2015 15:25

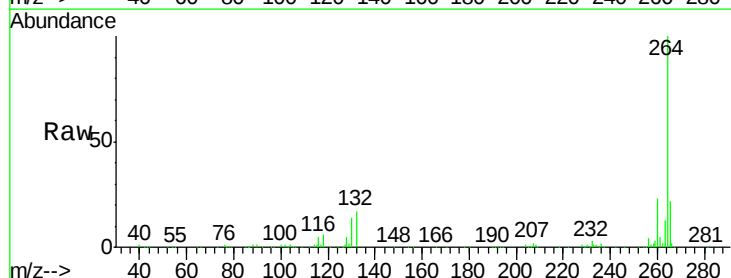
Tgt Ion:264 Resp: 216511

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.7 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

