

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077844.D
 Acq On : 19 Mar 2015 21:40
 Operator : TP/IZ
 Sample : G1573-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Mar 20 01:54:21 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	38078	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	154465	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	81946	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	157347	20.00	ng	0.00
75) Chrysene-d12	16.03	240	176492	20.00	ng	0.00
86) Perylene-d12	17.81	264	176382	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	123450	56.59	ng	0.01
7) Phenol-d6	6.73	99	93825	34.81	ng	0.00
23) Nitrobenzene-d5	7.85	82	224430	95.24	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	101539	129.51	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	477781	85.68	ng	0.00
78) Terphenyl-d14	14.74	244	495004	68.51	ng	0.00

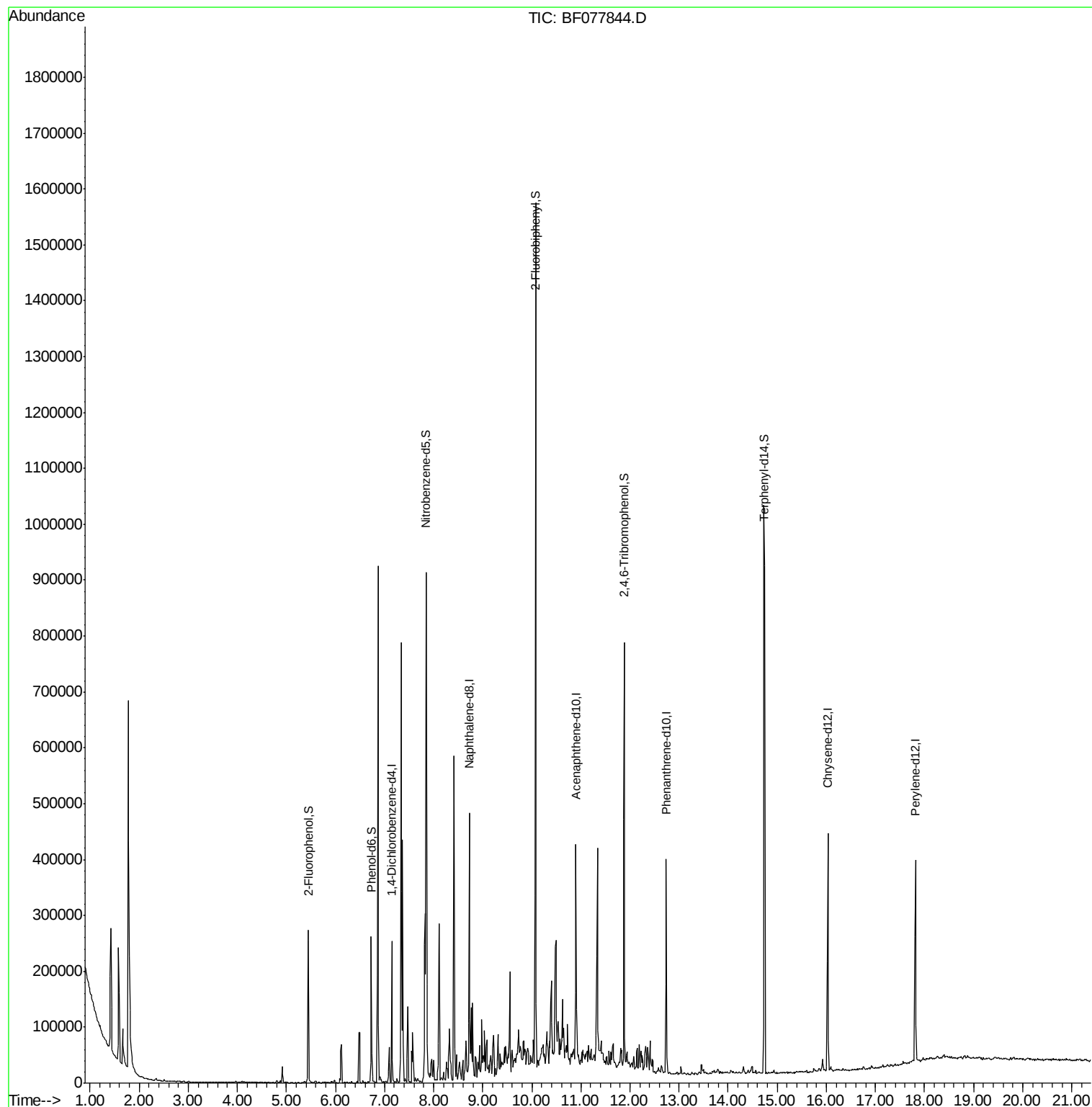
Target Compounds Qvalue

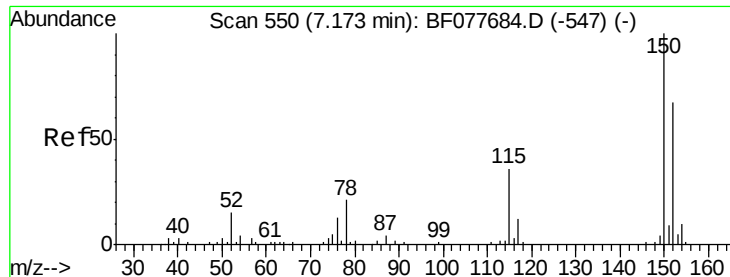
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077844.D

Acq: 19 Mar 2015 21:40

Instrument :

BNA_F

ClientSampleId :

MW-01

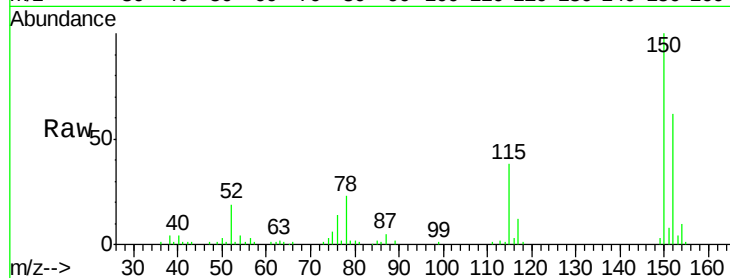
Tot Ion:152 Resp: 38078

Ion Ratio Lower Upper

152 100

150 160.6 119.5 179.3

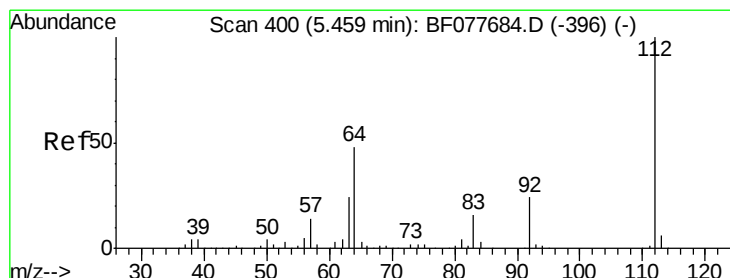
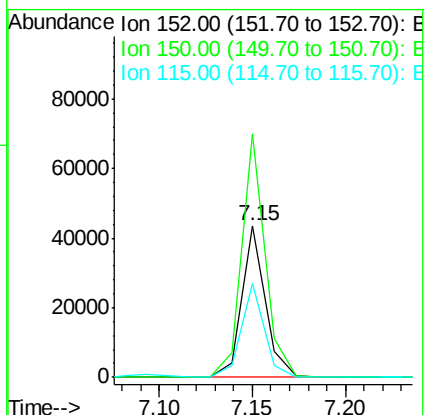
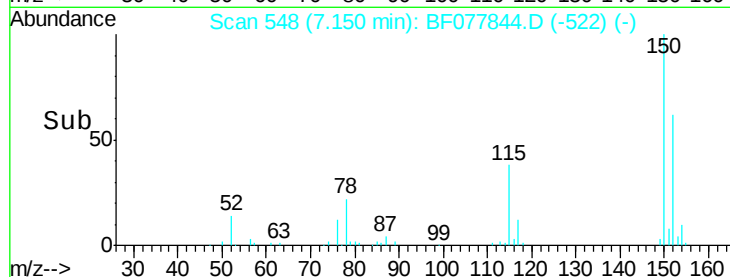
115 61.7 43.0 64.4



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: 56.59 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

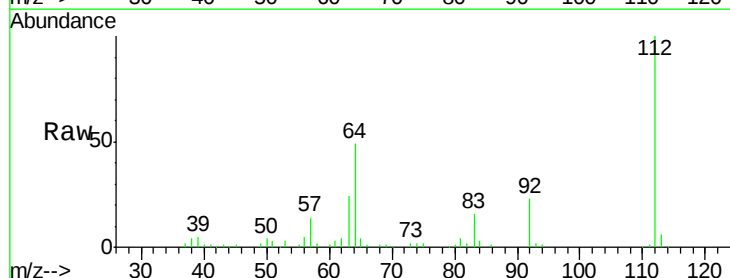
Tgt Ion:112 Resp: 123450

Ion Ratio Lower Upper

112 100

64 48.7 38.6 57.8

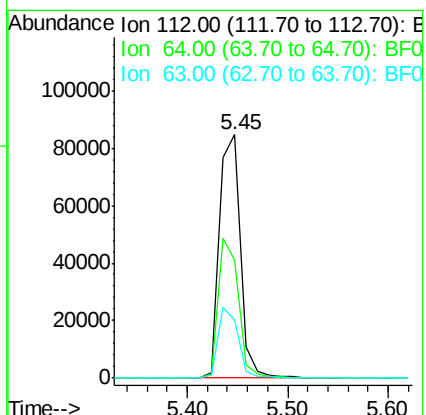
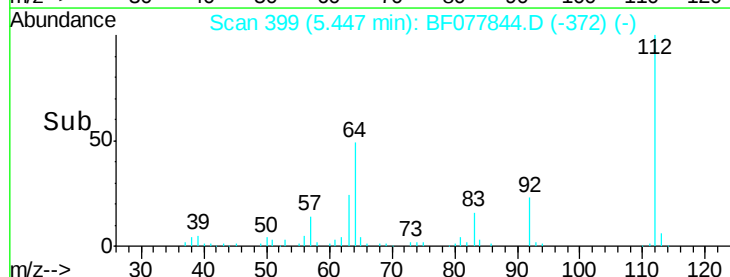
63 23.8 19.3 28.9



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: 34.81 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

Instrument :

BNA_F

ClientSampled :

MW-01

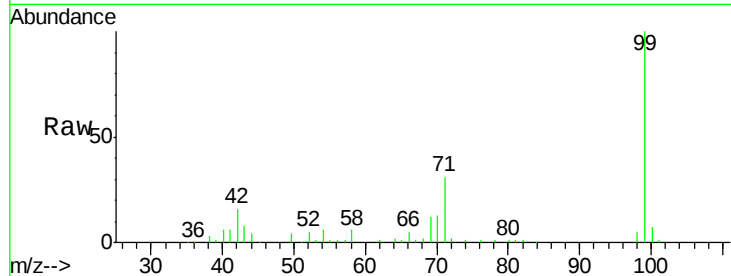
Tot Ion: 99 Resp: 93825

Ion Ratio Lower Upper

99 100

42 15.9 11.0 16.4

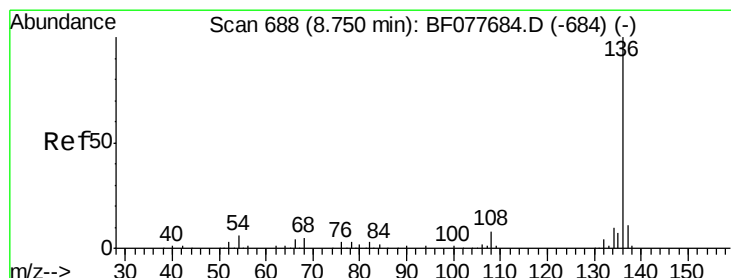
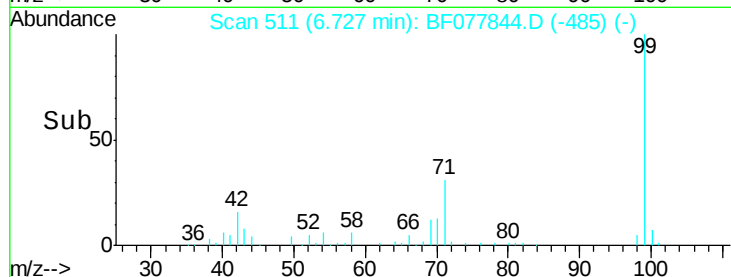
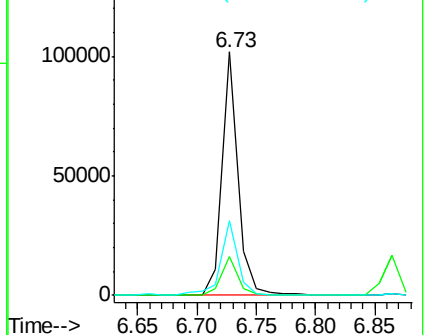
71 30.9 23.4 35.2



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: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077844.D

Acq: 19 Mar 2015 21:40

Tgt Ion: 136 Resp: 154465

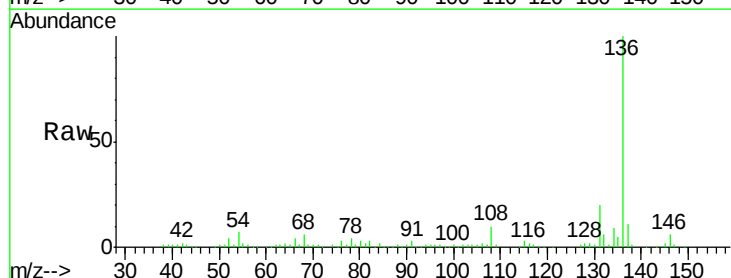
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.8 4.6 6.8#

68 5.8 3.7 5.5#

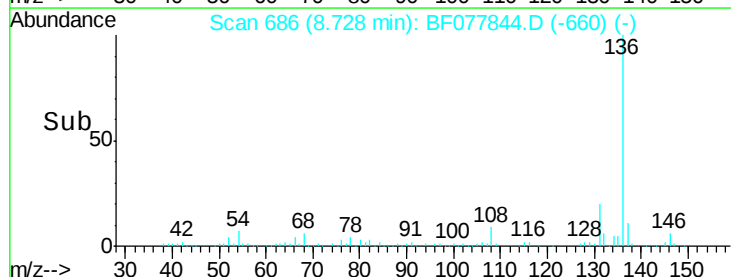
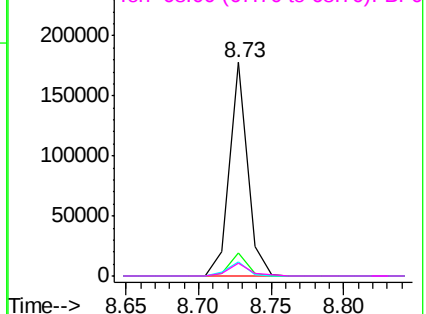


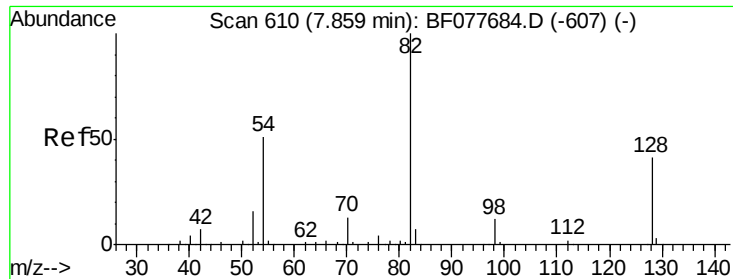
Abundance Ion 136.00 (135.70 to 136.70): E

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

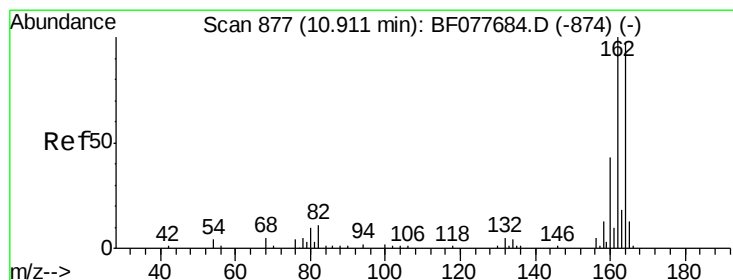
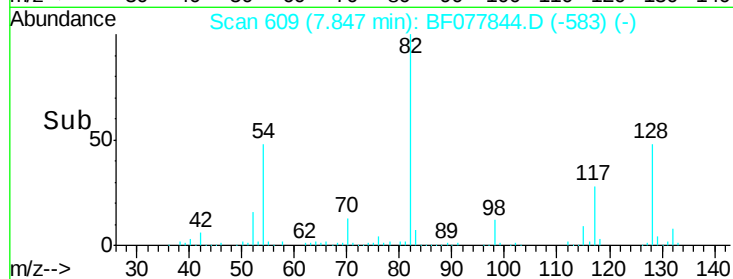
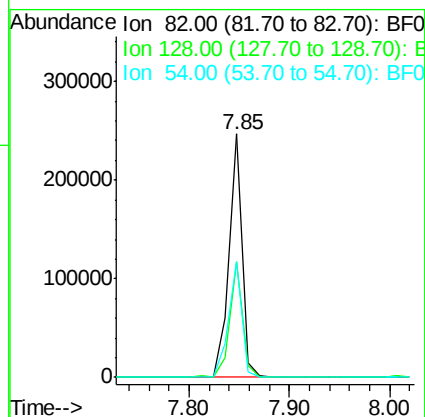
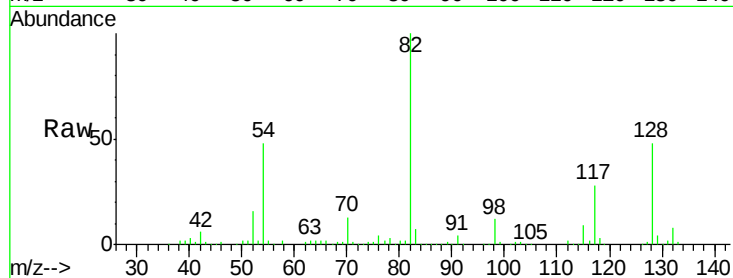




#23
 Nitrobenzene-d5
 Concen: 95.24 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077844.D
 Acq: 19 Mar 2015 21:40

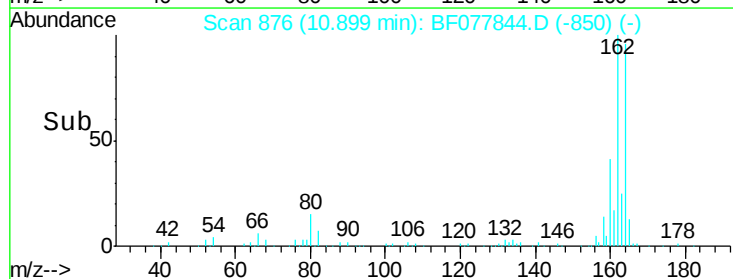
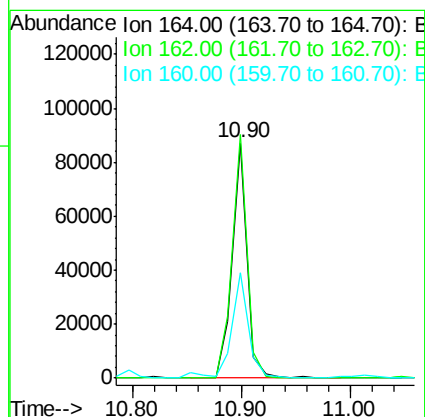
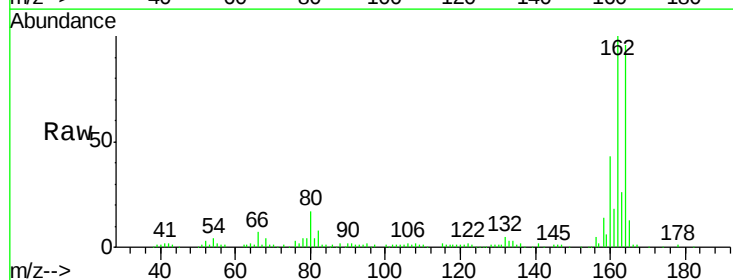
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion: 82 Resp: 224430
 Ion Ratio Lower Upper
 82 100
 128 47.6 32.8 49.2
 54 47.7 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077844.D
 Acq: 19 Mar 2015 21:40

Tgt Ion:164 Resp: 81946
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.4 123.6
 160 44.8 35.8 53.6

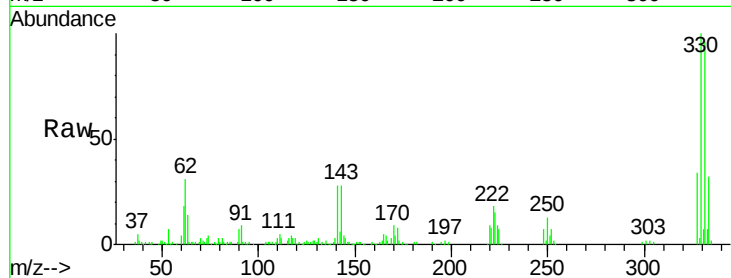




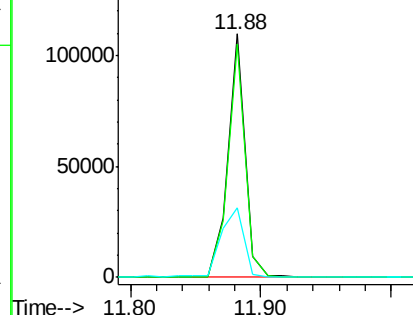
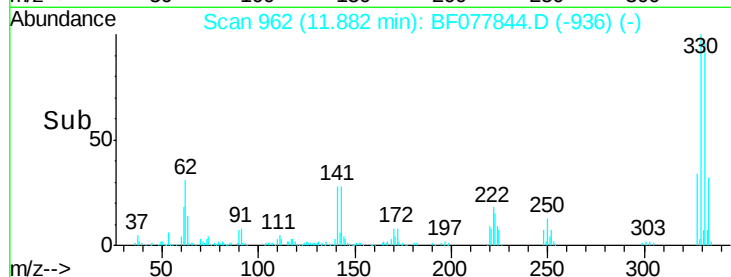
#41
 2,4,6-Tribromophenol
 Concen: 129.51 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077844.D
 Acq: 19 Mar 2015 21:40

Instrument :
 BNA_F
 ClientSampled :
 MW-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	39.5	0.0	0.0#

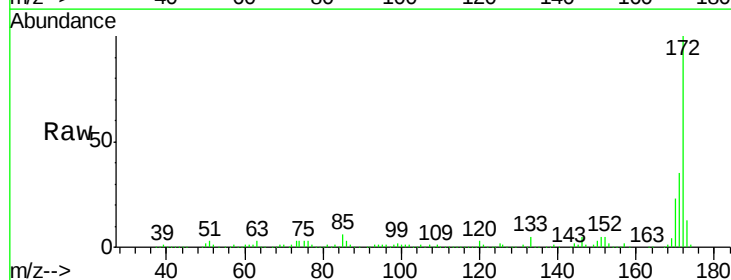


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

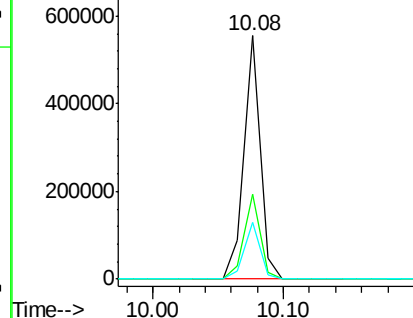
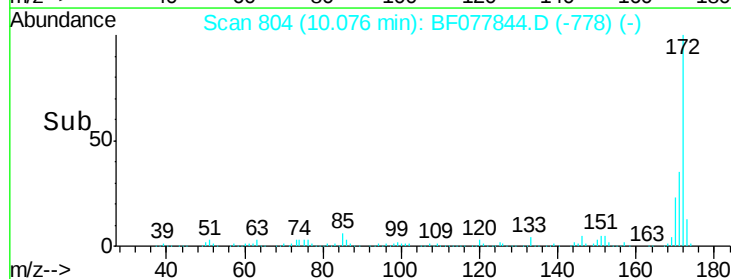


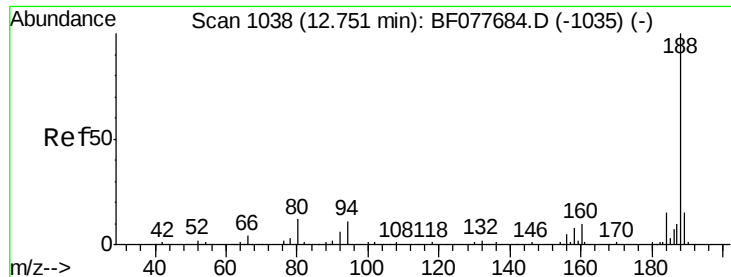
#44
 2-Fluorobiphenyl
 Concen: 85.68 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077844.D
 Acq: 19 Mar 2015 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.4	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

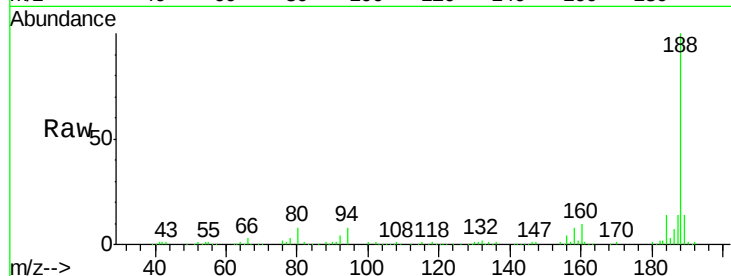




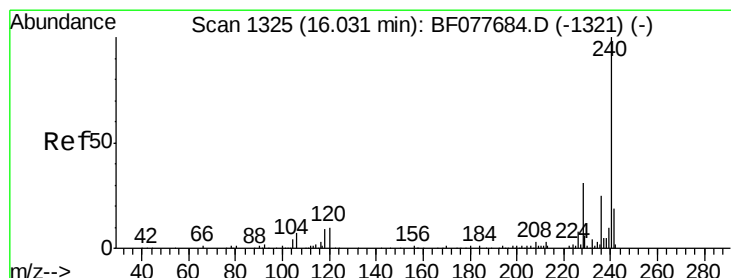
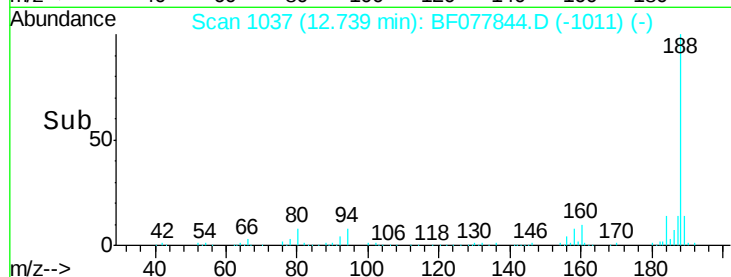
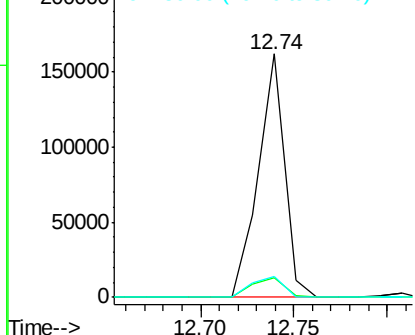
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion:188 Resp: 157347
Ion Ratio Lower Upper
188 100
94 8.0 8.7 13.1#
80 8.4 9.3 13.9#

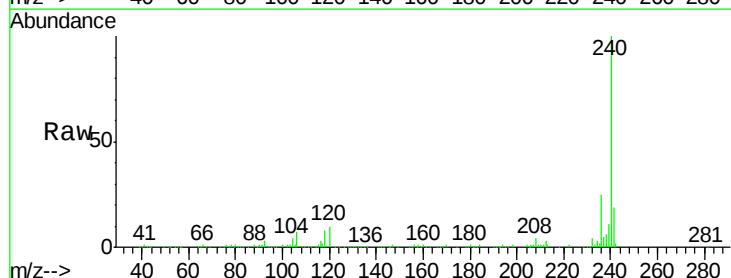


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

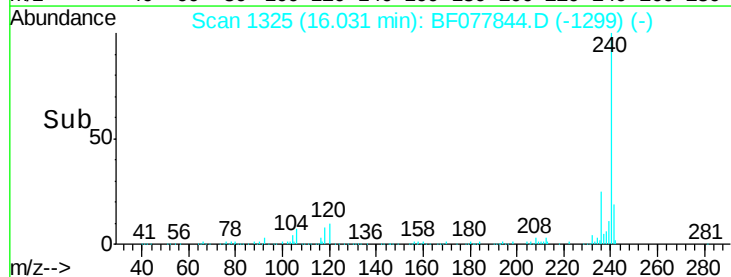
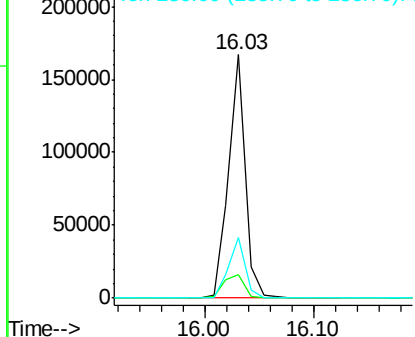


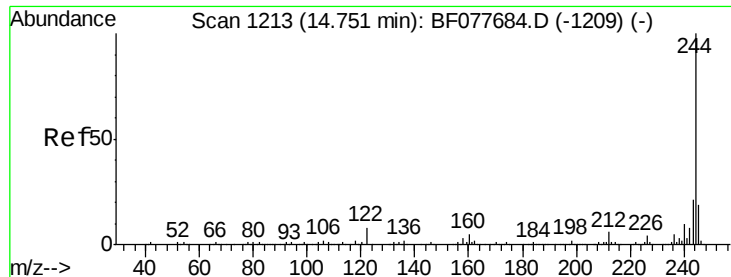
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077844.D
Acq: 19 Mar 2015 21:40

Tgt Ion:240 Resp: 176492
Ion Ratio Lower Upper
240 100
120 9.8 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

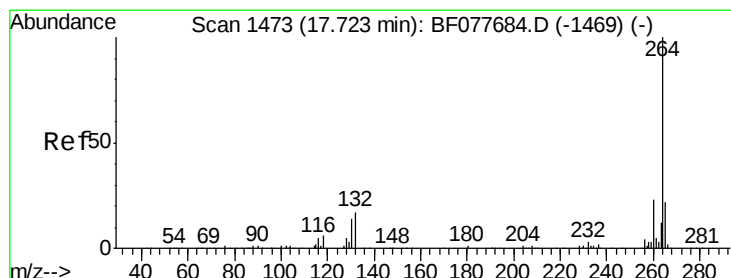
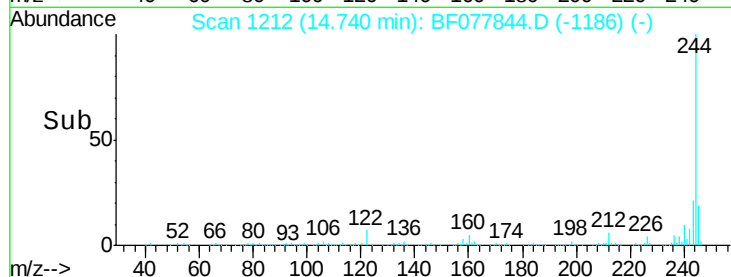
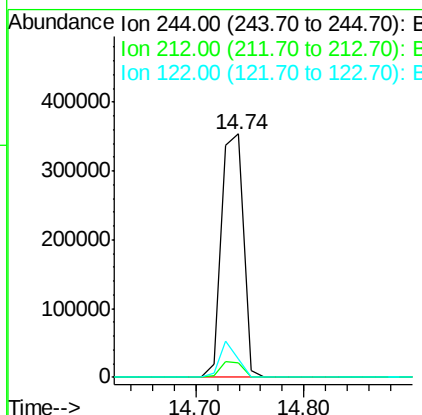
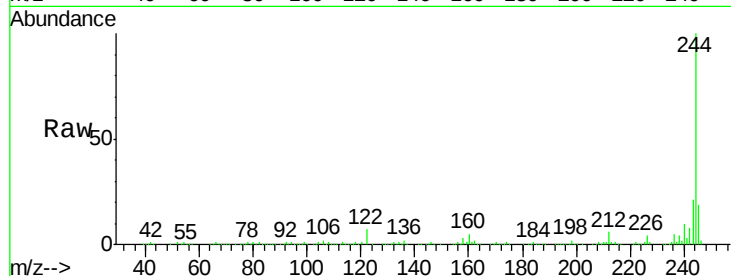




#78
 Terphenyl-d14
 Concen: 68.51 ng
 RT: 14.74 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF077844.D
 Acq: 19 Mar 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:244 Resp: 495004
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.9 7.3
 122 7.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1481
 Delta R.T. 0.02 min
 Lab File: BF077844.D
 Acq: 19 Mar 2015 21:40

Tgt Ion:264 Resp: 176382
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 20.9 17.3 25.9

