

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078040.D
 Acq On : 27 Mar 2015 16:53
 Operator : TP/IZ
 Sample : G1642-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Quant Time: Mar 28 06:06:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	35835	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	144215	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	75522	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	139455	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	150771	20.00	ng	0.00
86) Perylene-d12	17.62	264	148994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	146631	71.42	ng	0.00
7) Phenol-d6	6.67	99	115876	45.68	ng	0.00
23) Nitrobenzene-d5	7.77	82	229265	104.21	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	103264	142.91	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	497448	96.80	ng	0.00
78) Terphenyl-d14	14.65	244	580933	94.12	ng	0.00

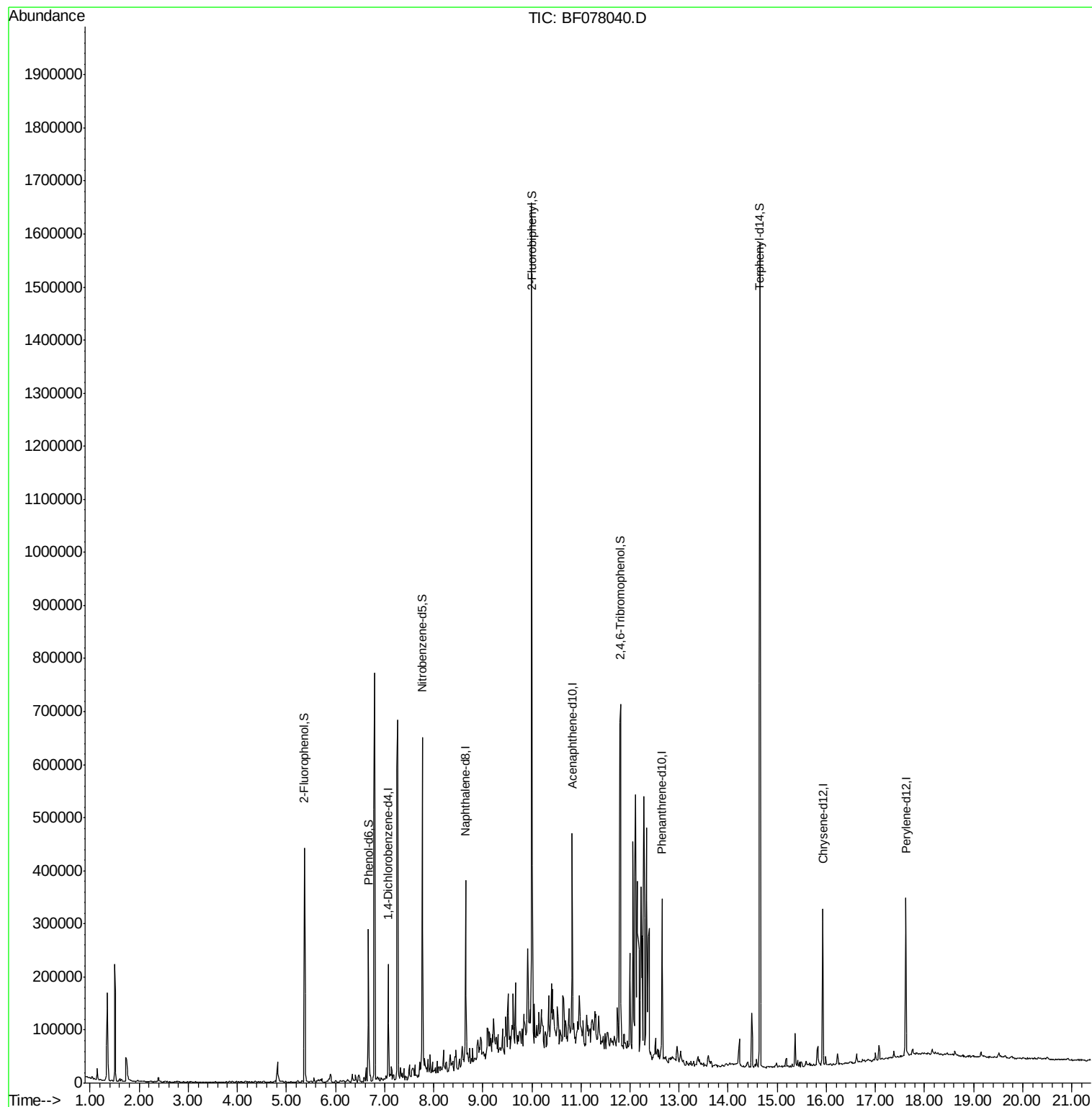
Target Compounds Qvalue

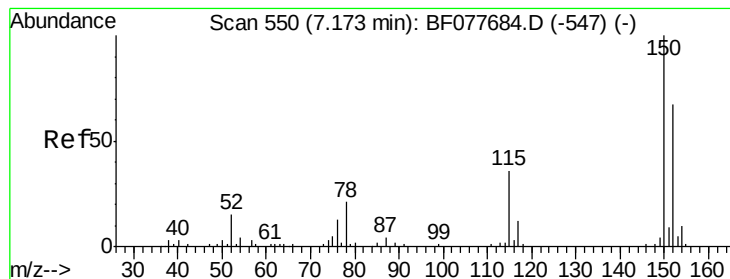
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078040.D

Acq: 27 Mar 2015 16:53

Instrument :

BNA_F

ClientSampleId :

MW-33

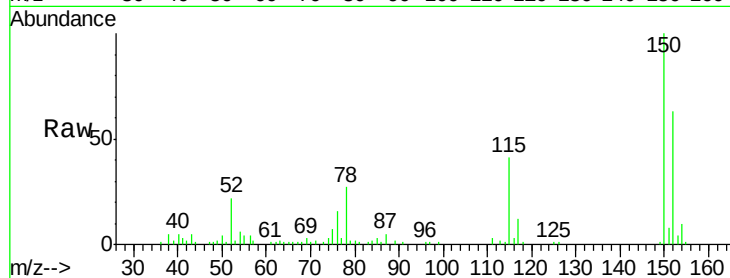
Tot Ion:152 Resp: 35835

Ion Ratio Lower Upper

152 100

150 159.5 119.5 179.3

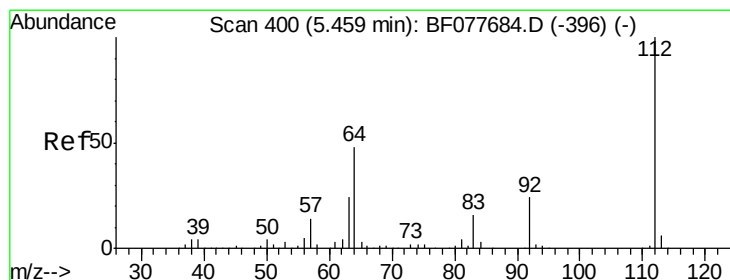
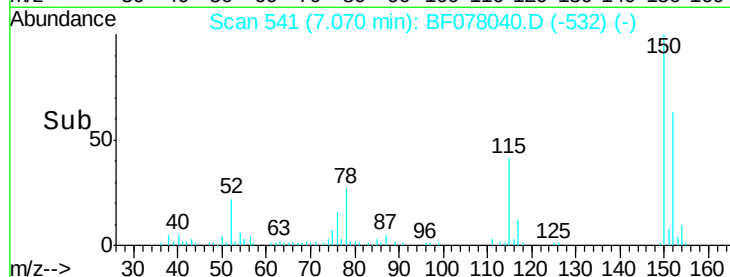
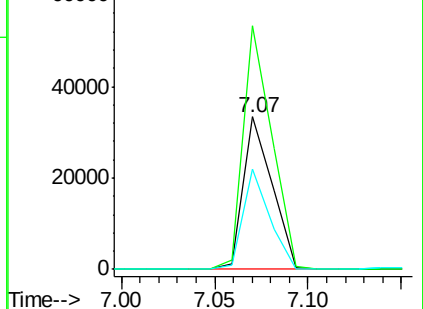
115 65.3 43.0 64.4#



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: 71.42 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078040.D

Acq: 27 Mar 2015 16:53

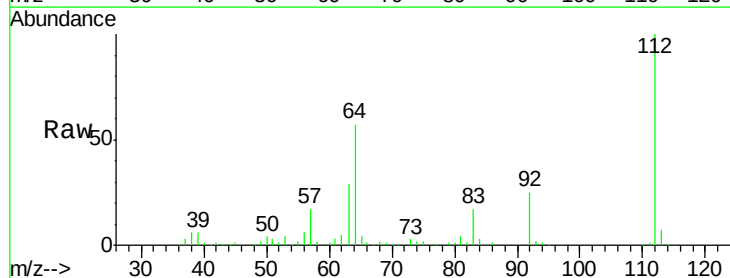
Tgt Ion:112 Resp: 146631

Ion Ratio Lower Upper

112 100

64 56.7 38.6 57.8

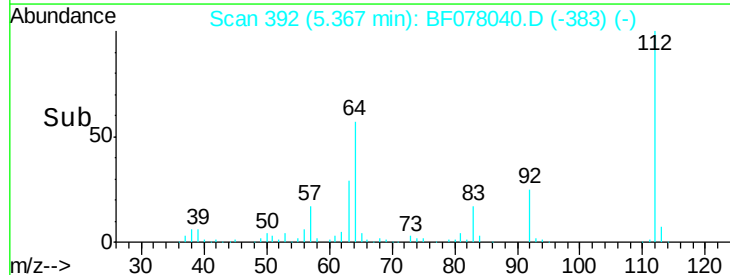
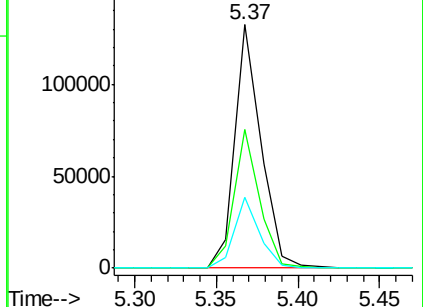
63 28.8 19.3 28.9

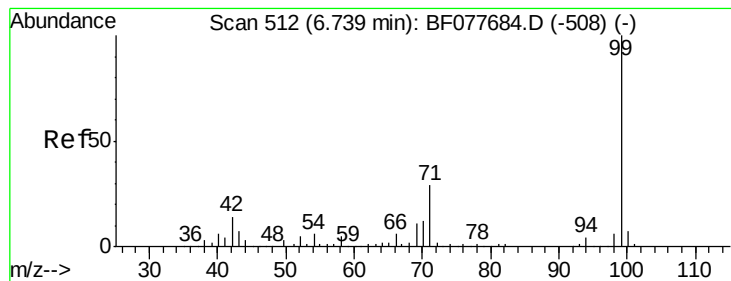


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.68 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078040.D

Acq: 27 Mar 2015 16:53

Instrument :

BNA_F

ClientSampled :

MW-33

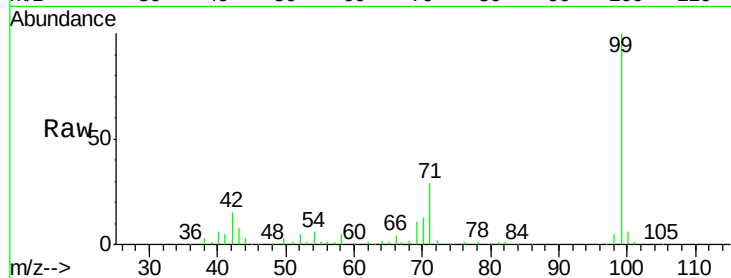
Tot Ion: 99 Resp: 115876

Ion Ratio Lower Upper

99 100

42 14.6 11.0 16.4

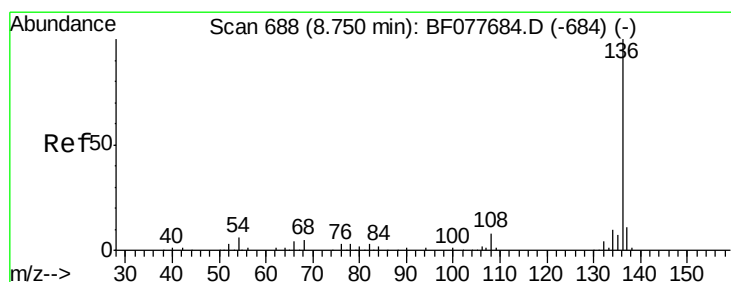
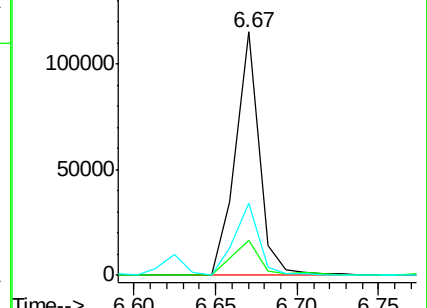
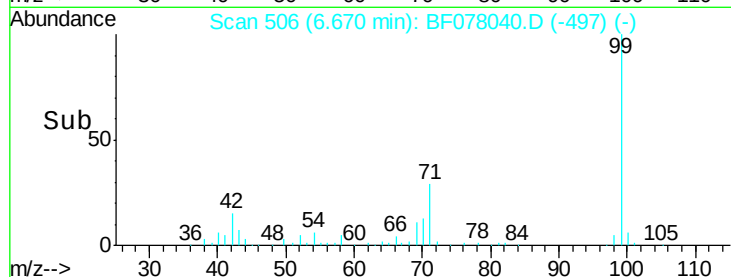
71 29.4 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078040.D

Acq: 27 Mar 2015 16:53

Tgt Ion: 136 Resp: 144215

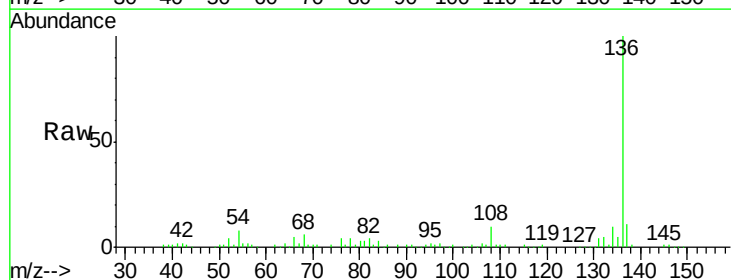
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.9 4.6 6.8#

68 6.1 3.7 5.5#

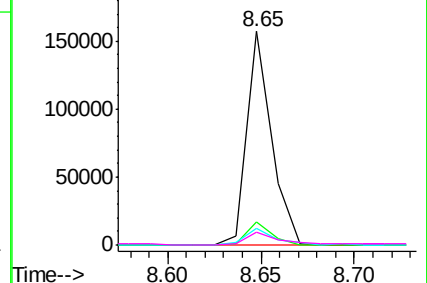
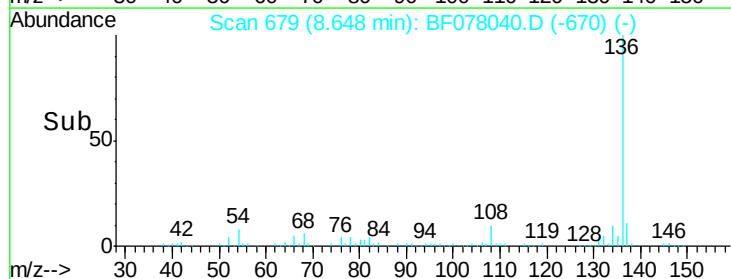


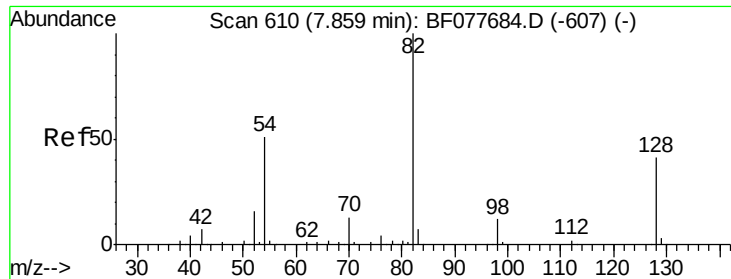
Abundance Ion 136.00 (135.70 to 136.70): E

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

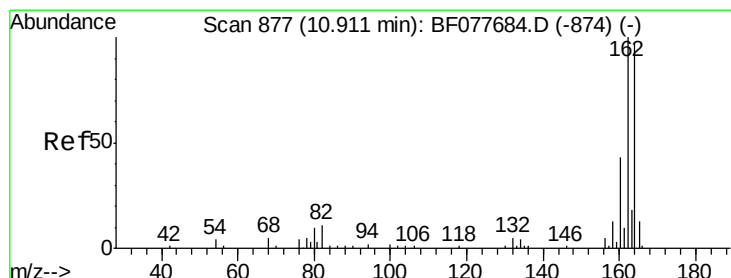
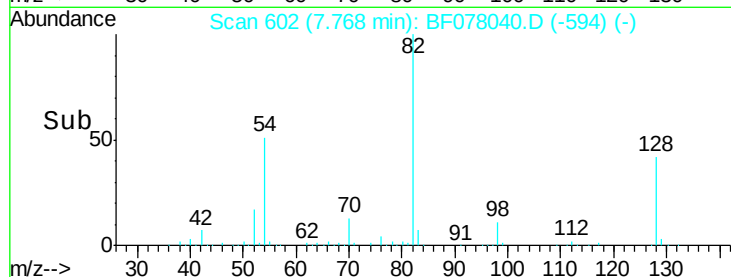
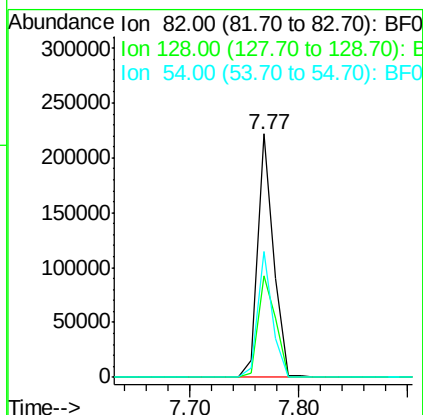
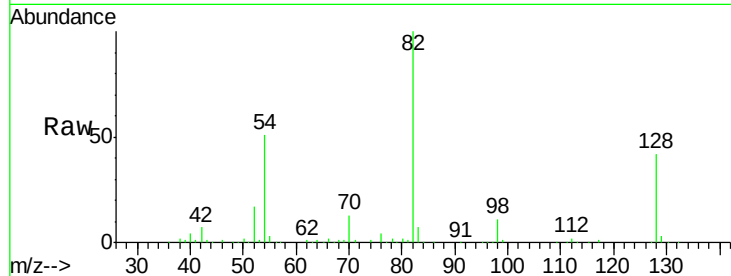




#23
 Nitrobenzene-d5
 Concen: 104.21 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078040.D
 Acq: 27 Mar 2015 16:53

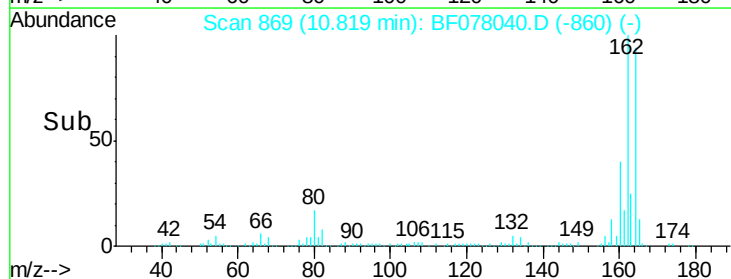
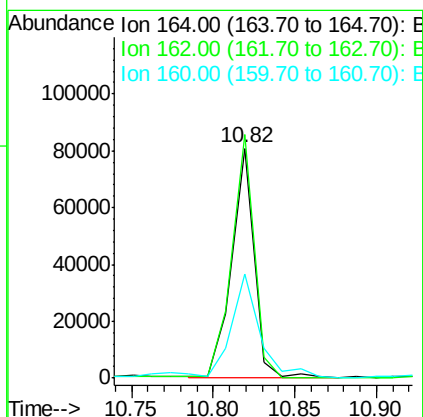
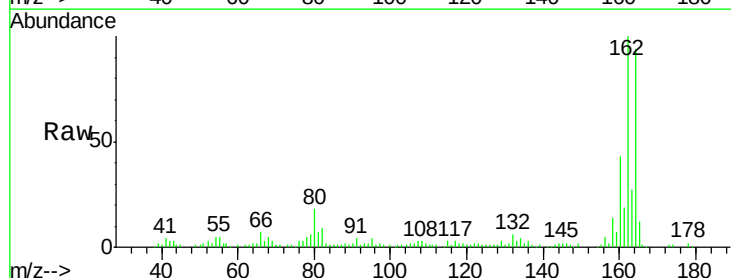
Instrument :
 BNA_F
 ClientSampleId :
 MW-33

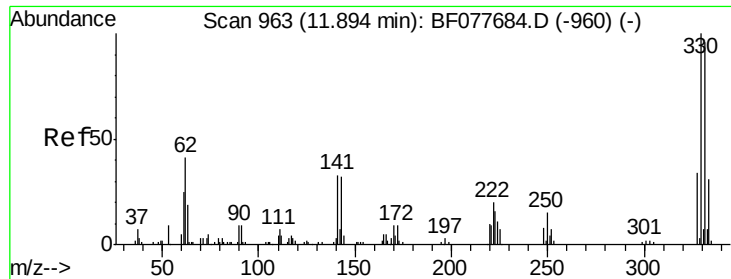
Tot Ion: 82 Resp: 229265
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.8 49.2
 54 51.5 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078040.D
 Acq: 27 Mar 2015 16:53

Tgt Ion: 164 Resp: 75522
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.4 123.6
 160 45.4 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 142.91 ng

RT: 11.80 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF078040.D

Acq: 27 Mar 2015 16:53

Instrument :

BNA_F

ClientSampleId :

MW-33

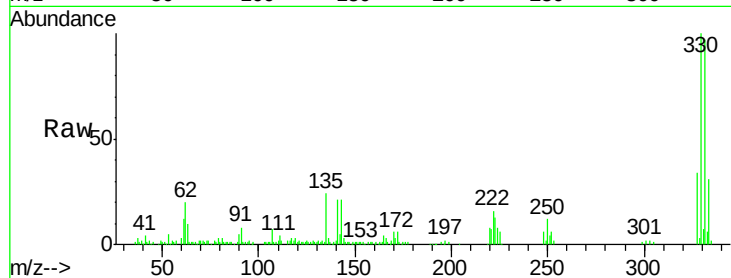
Tot Ion:330 Resp: 103264

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

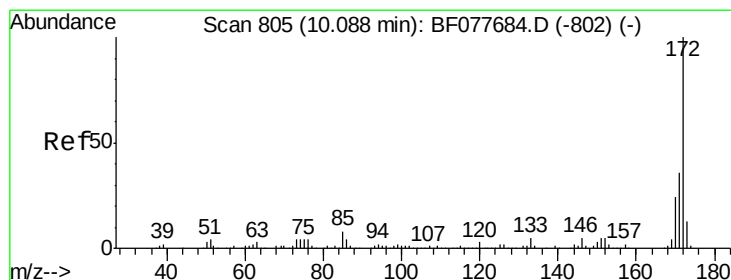
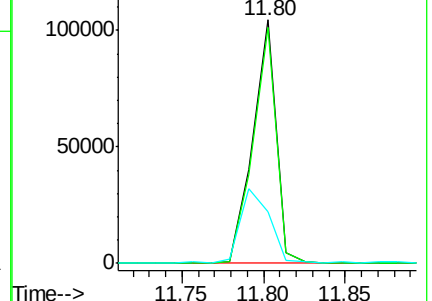
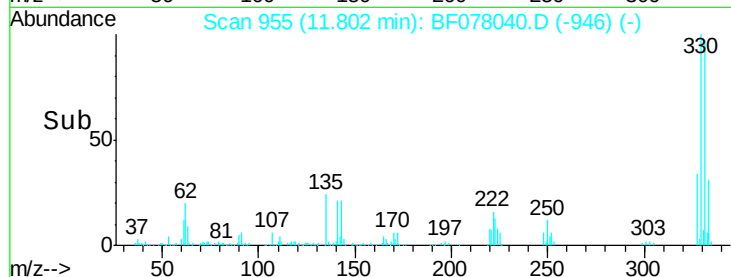
141 37.1 0.0 0.0#



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: 96.80 ng

RT: 10.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF078040.D

Acq: 27 Mar 2015 16:53

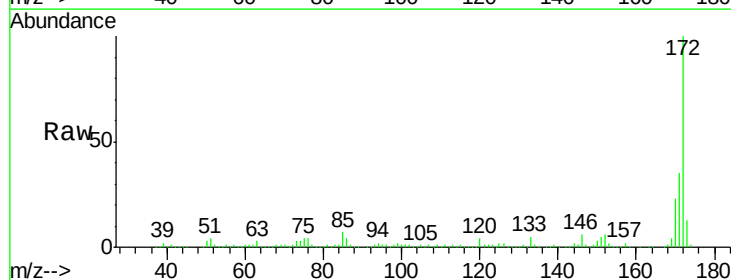
Tgt Ion:172 Resp: 497448

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

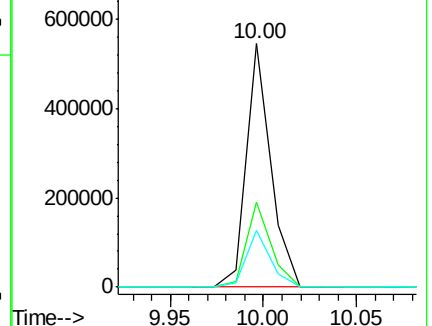
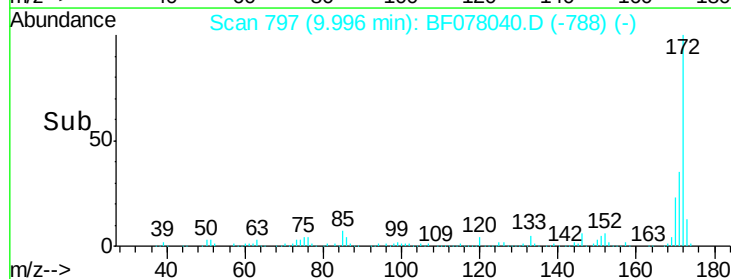
170 23.2 18.8 28.2

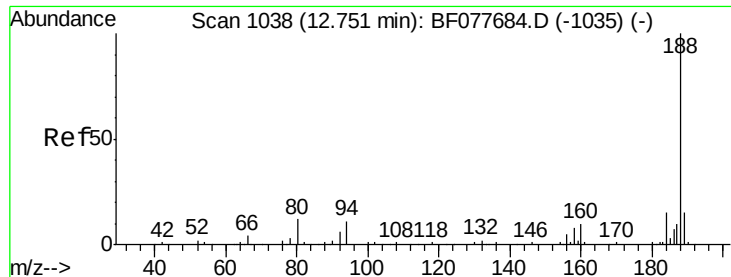


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

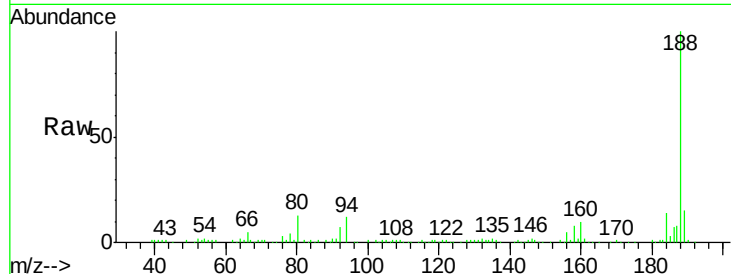




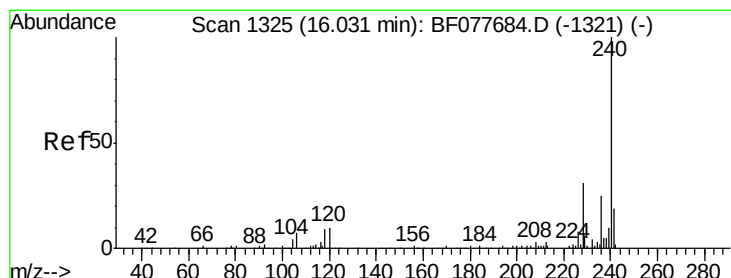
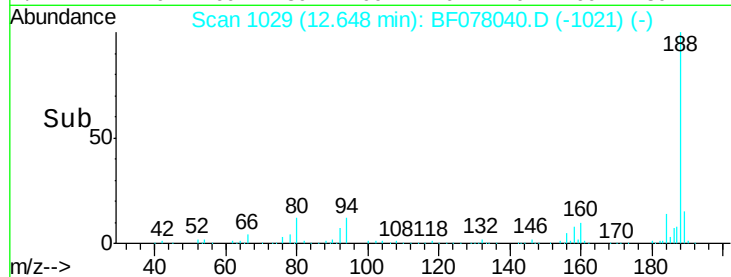
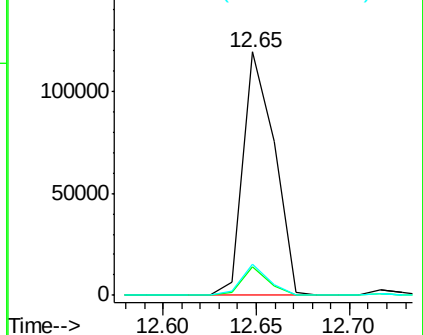
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078040.D
Acq: 27 Mar 2015 16:53

Instrument :
BNA_F
ClientSampleId :
MW-33

Tot Ion:188 Resp: 139455
Ion Ratio Lower Upper
188 100
94 12.0 8.7 13.1
80 12.8 9.3 13.9

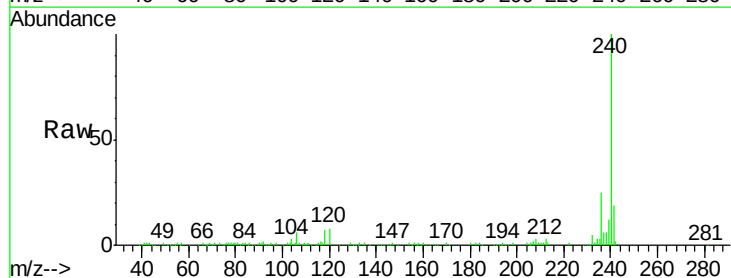


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

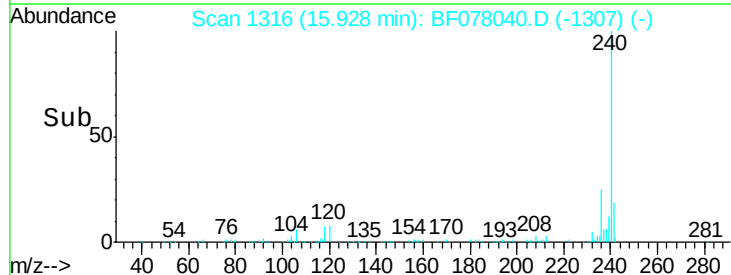
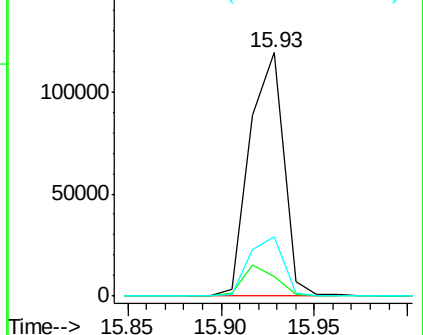


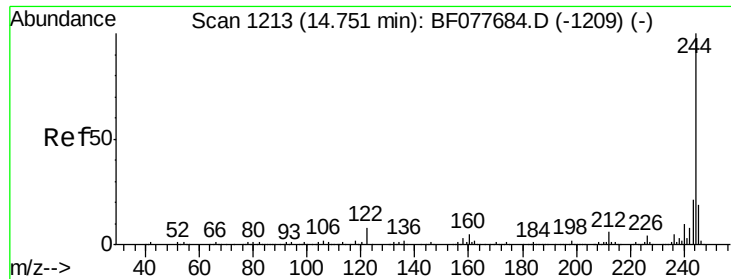
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078040.D
Acq: 27 Mar 2015 16:53

Tgt Ion:240 Resp: 150771
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 24.6 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

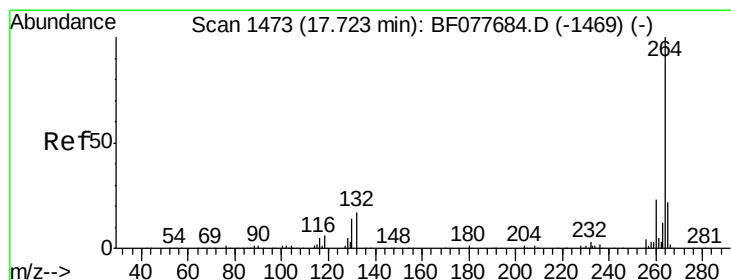
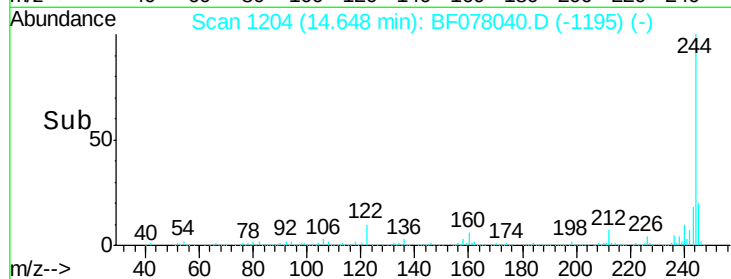
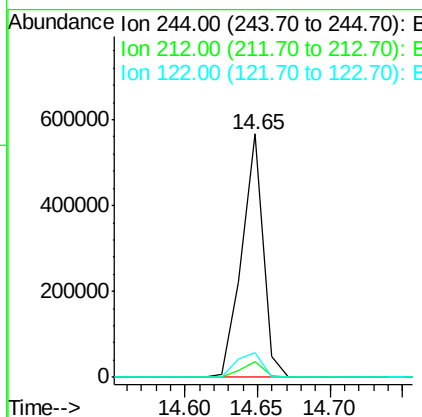
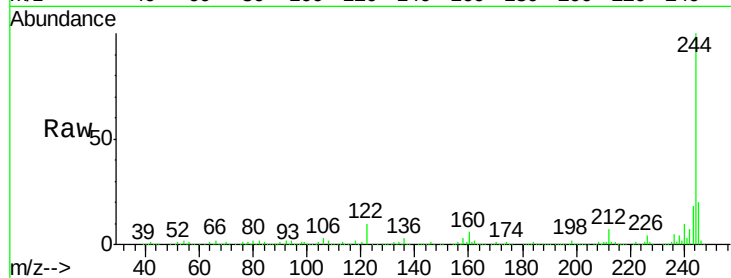




#78
 Terphenyl-d14
 Concen: 94.12 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078040.D
 Acq: 27 Mar 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tot Ion:244 Resp: 580933
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.9 7.3
 122 10.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.62 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF078040.D
 Acq: 27 Mar 2015 16:53

Tgt Ion:264 Resp: 148994
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.6 27.8
 265 20.4 17.3 25.9

