

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078078.D
 Acq On : 28 Mar 2015 13:08
 Operator : TP/IZ
 Sample : G1642-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Mar 30 02:26:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	42831	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	180269	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	89854	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	180019	20.00	ng	0.00
75) Chrysene-d12	15.93	240	195918	20.00	ng	0.00
86) Perylene-d12	17.63	264	192536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	180666	73.63	ng	0.00
7) Phenol-d6	6.66	99	153120	50.51	ng	-0.01
23) Nitrobenzene-d5	7.77	82	213422	77.61	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	96776	112.57	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	489080	79.99	ng	0.00
78) Terphenyl-d14	14.65	244	541703	67.54	ng	0.00

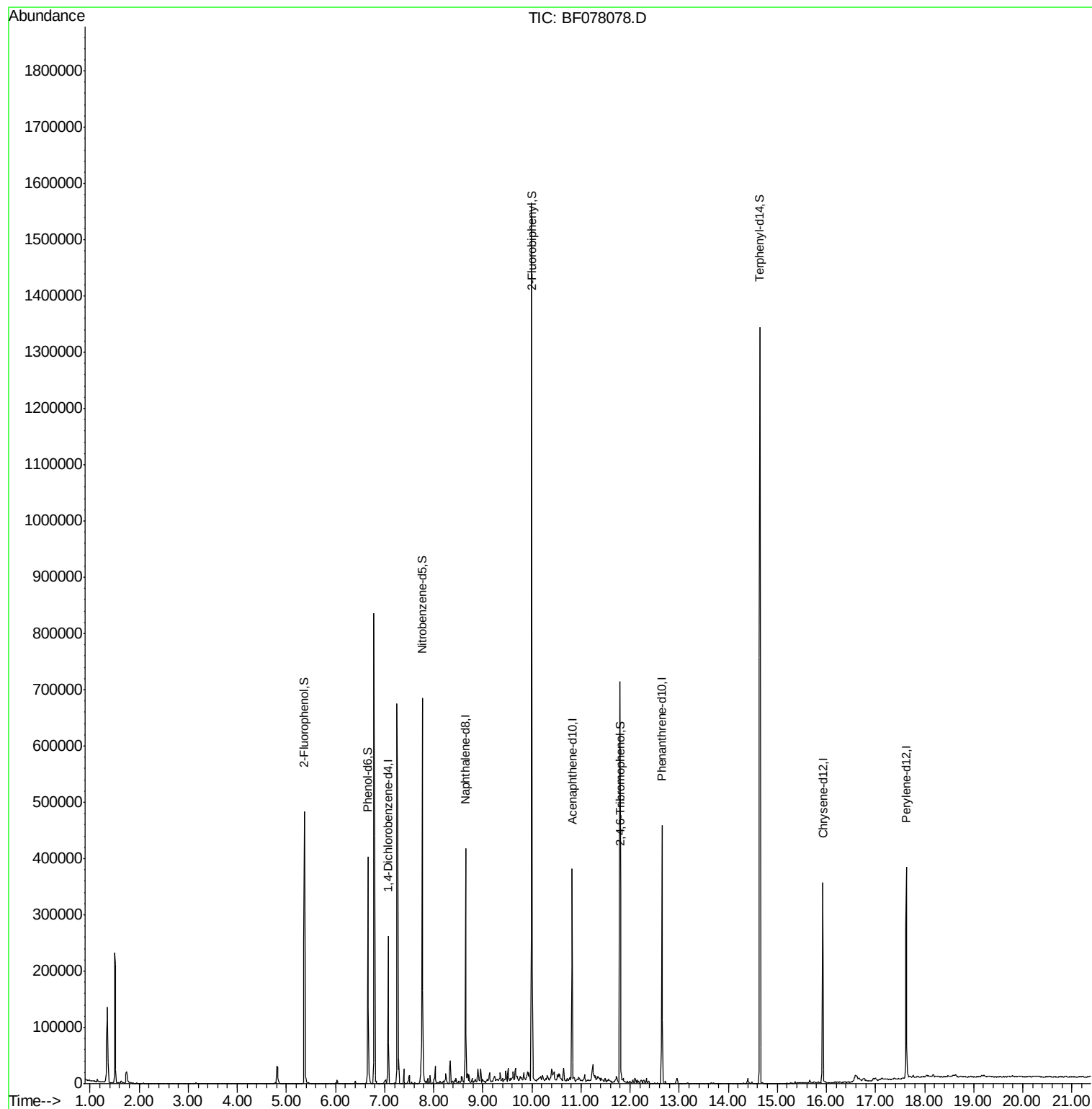
Target Compounds Qvalue

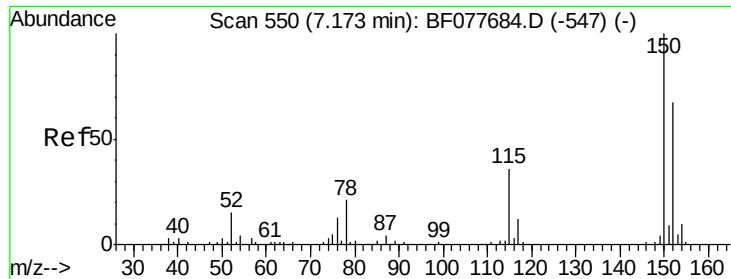
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078078.D

Acq: 28 Mar 2015 13:08

Instrument :

BNA_F

ClientSampleId :

MW-16

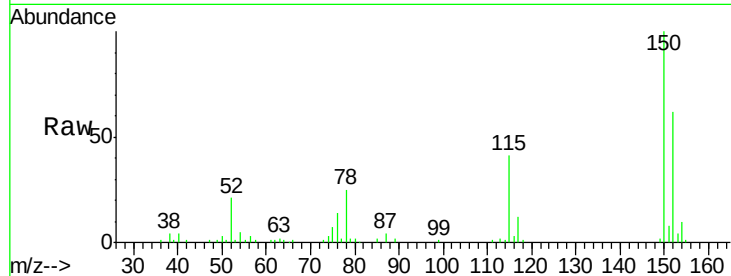
Tot Ion:152 Resp: 42831

Ion Ratio Lower Upper

152 100

150 162.3 119.5 179.3

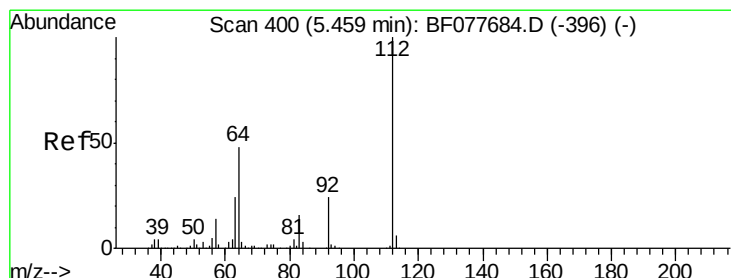
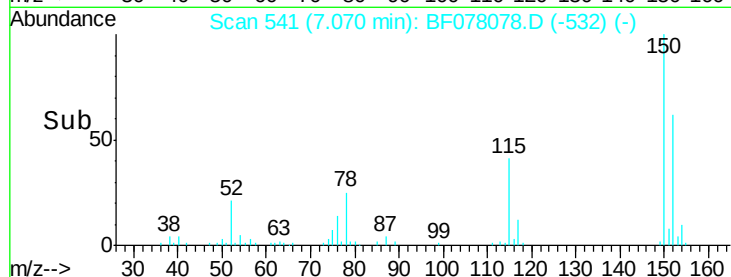
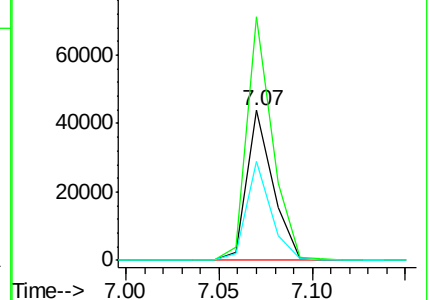
115 65.8 43.0 64.4#



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: 73.63 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078078.D

Acq: 28 Mar 2015 13:08

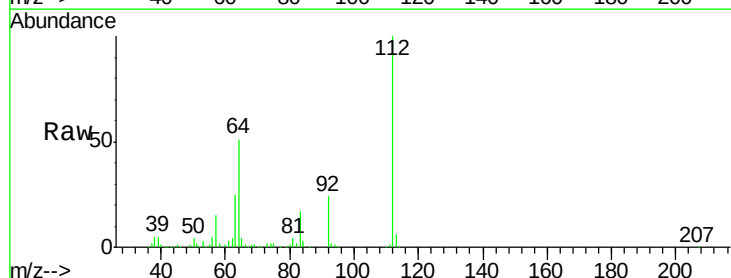
Tgt Ion:112 Resp: 180666

Ion Ratio Lower Upper

112 100

64 50.7 38.6 57.8

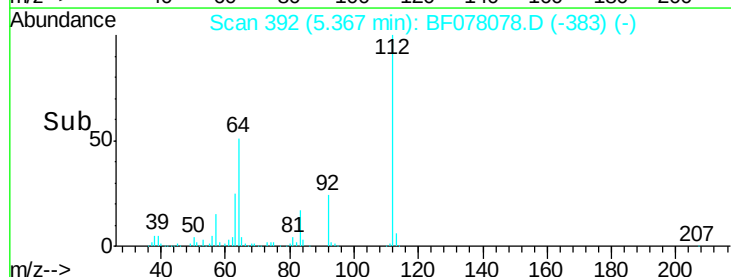
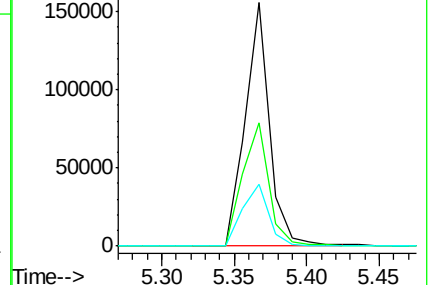
63 25.5 19.3 28.9

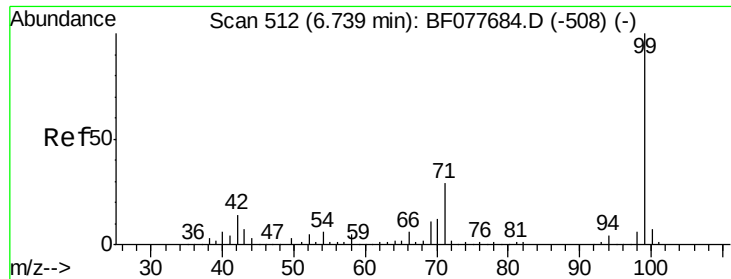


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.51 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078078.D

Acq: 28 Mar 2015 13:08

Instrument :

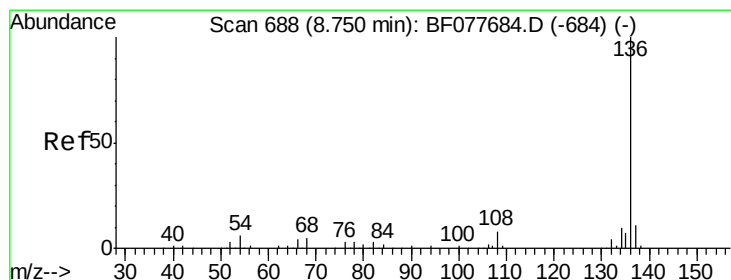
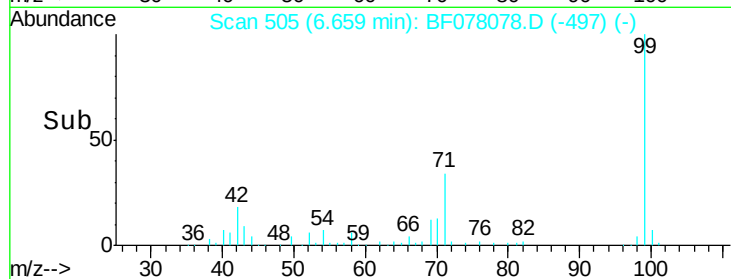
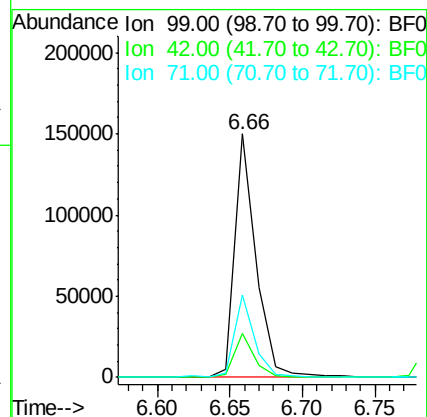
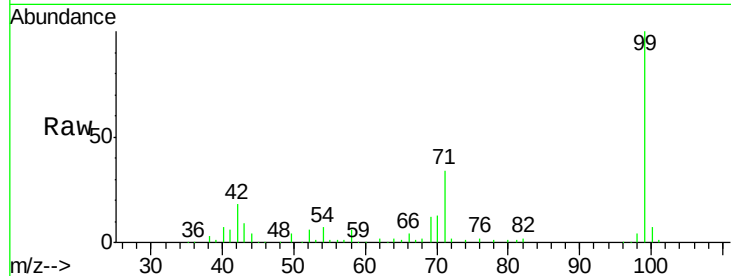
BNA_F

ClientSampleId :

MW-16

Tot Ion: 99 Resp: 153120

Ion	Ratio	Lower	Upper
99	100		
42	18.0	11.0	16.4#
71	33.7	23.4	35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 679

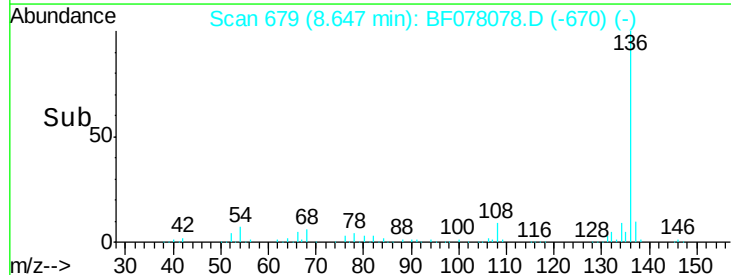
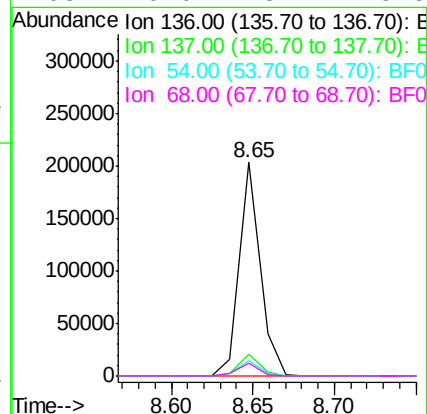
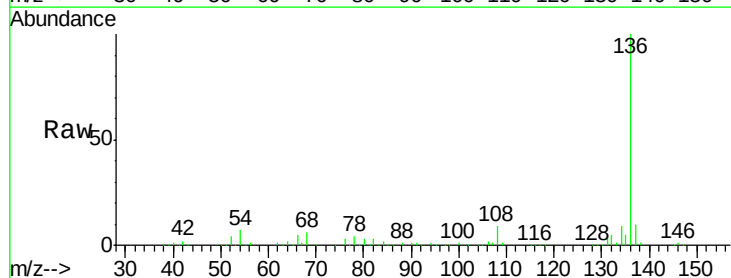
Delta R.T. -0.00 min

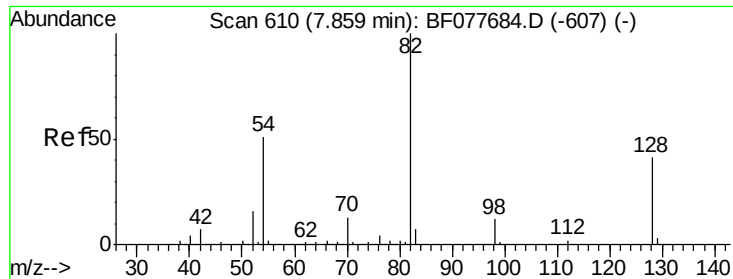
Lab File: BF078078.D

Acq: 28 Mar 2015 13:08

Tgt Ion: 136 Resp: 180269

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	7.3	4.6	6.8#
68	6.0	3.7	5.5#

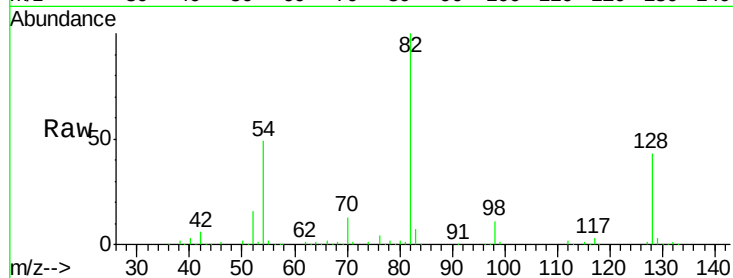




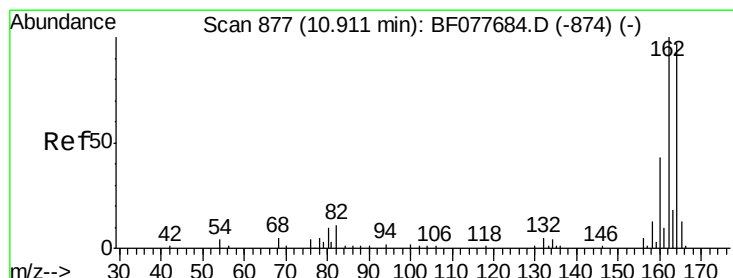
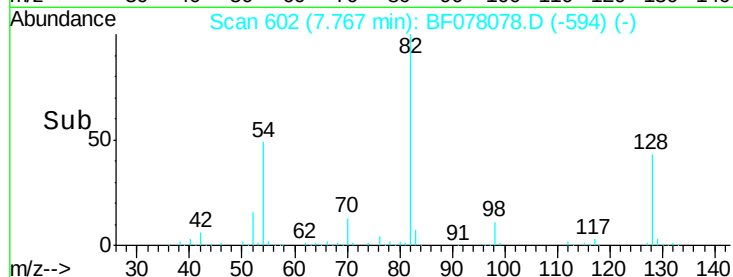
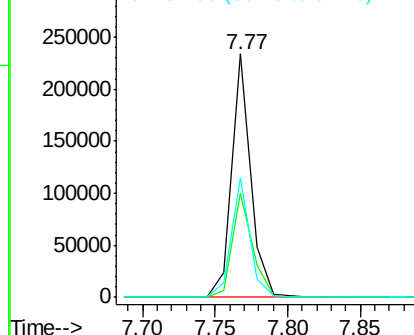
#23
Nitrobenzene-d5
Concen: 77.61 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078078.D
Acq: 28 Mar 2015 13:08

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion: 82 Resp: 213422
Ion Ratio Lower Upper
82 100
128 42.9 32.8 49.2
54 49.2 40.6 60.8

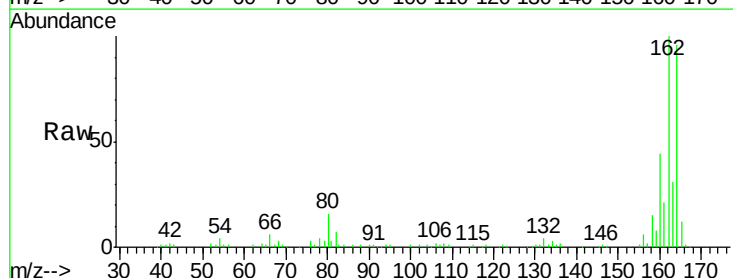


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

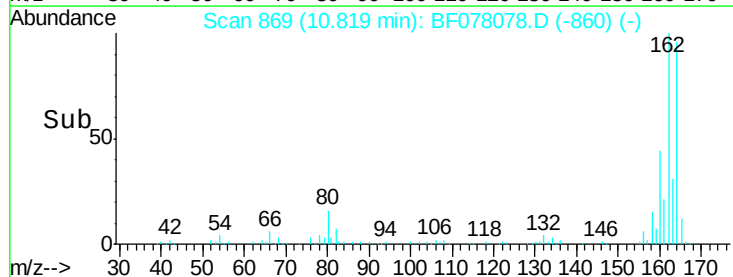
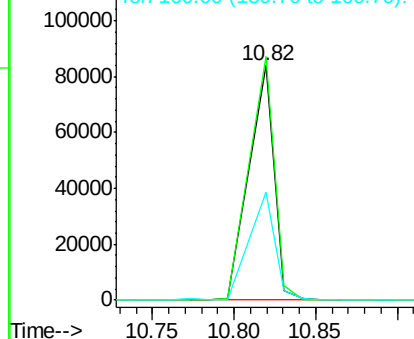


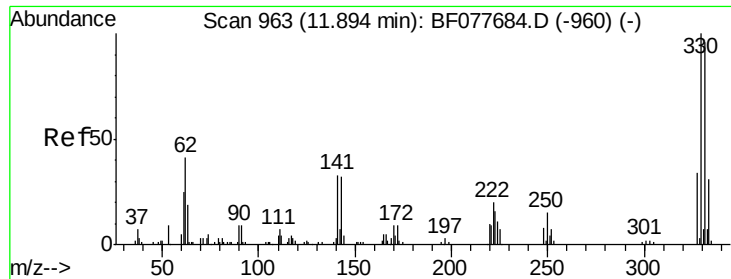
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF078078.D
Acq: 28 Mar 2015 13:08

Tgt Ion:164 Resp: 89854
Ion Ratio Lower Upper
164 100
162 104.0 82.4 123.6
160 46.2 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

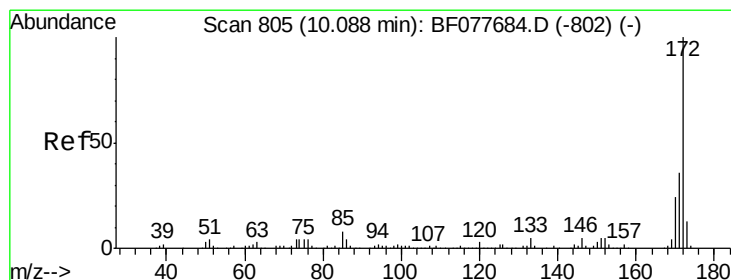
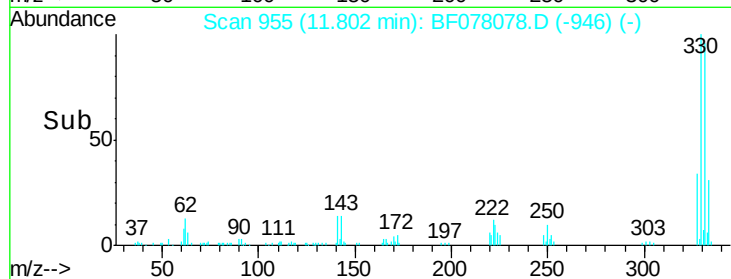
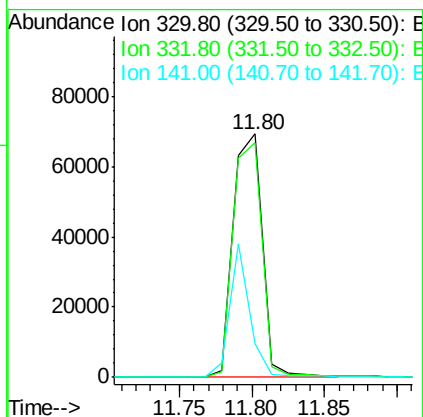
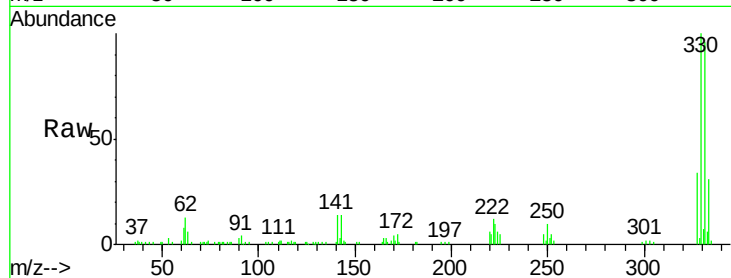




#41
 2,4,6-Tribromophenol
 Concen: 112.57 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078078.D
 Acq: 28 Mar 2015 13:08

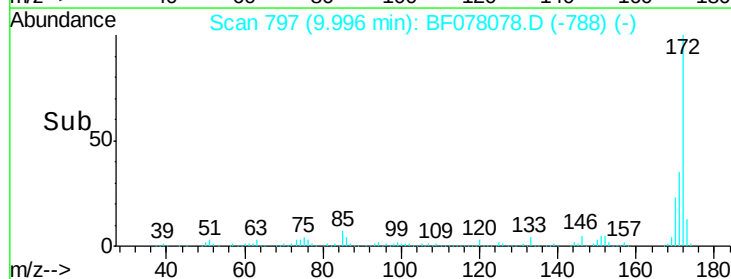
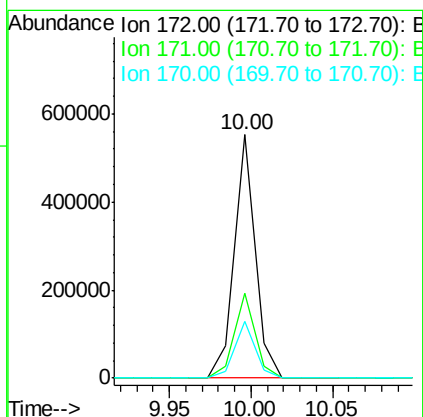
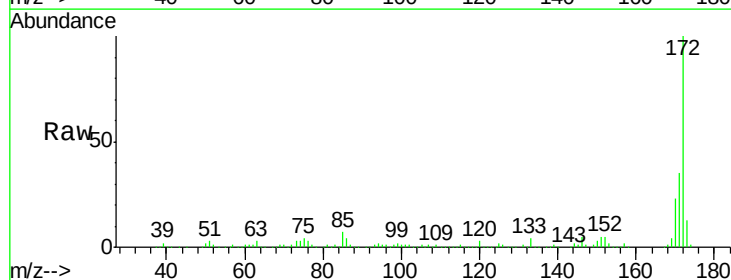
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

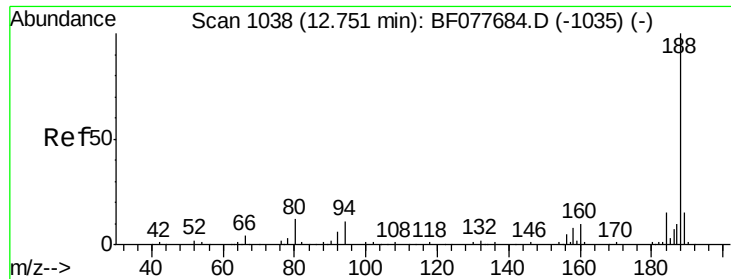
Tot Ion:330 Resp: 96776
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 38.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 79.99 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078078.D
 Acq: 28 Mar 2015 13:08

Tgt Ion:172 Resp: 489080
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.3 18.8 28.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF078078.D

Acq: 28 Mar 2015 13:08

Instrument :

BNA_F

ClientSampleId :

MW-16

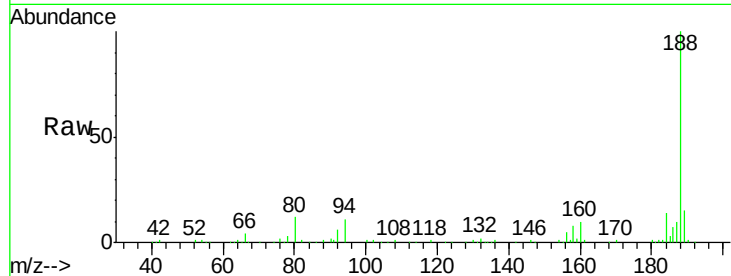
Tot Ion:188 Resp: 180019

Ion Ratio Lower Upper

188 100

94 10.6 8.7 13.1

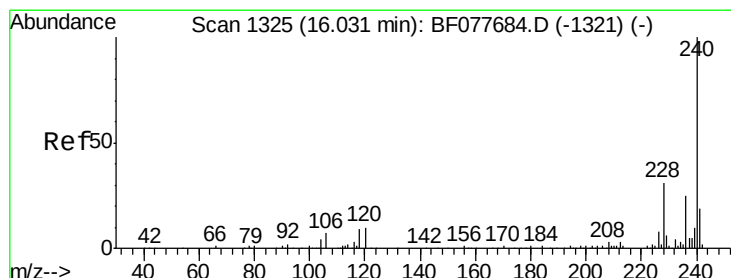
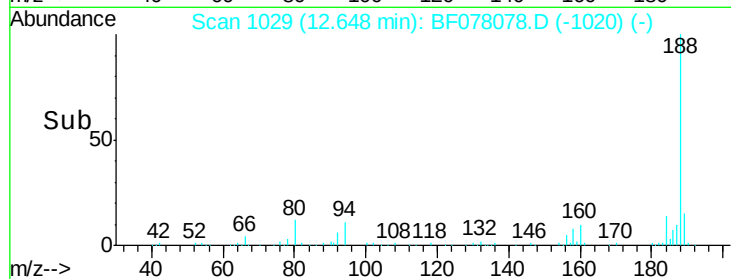
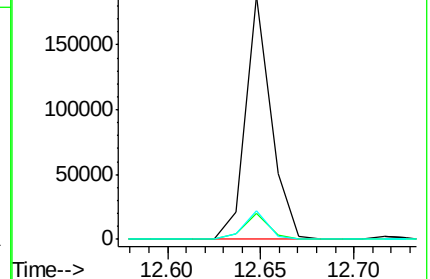
80 11.5 9.3 13.9



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: BF078078.D

Acq: 28 Mar 2015 13:08

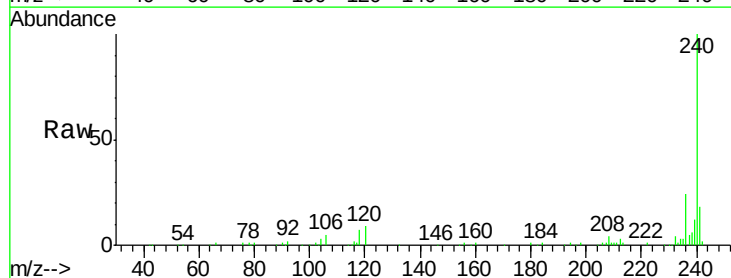
Tgt Ion:240 Resp: 195918

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

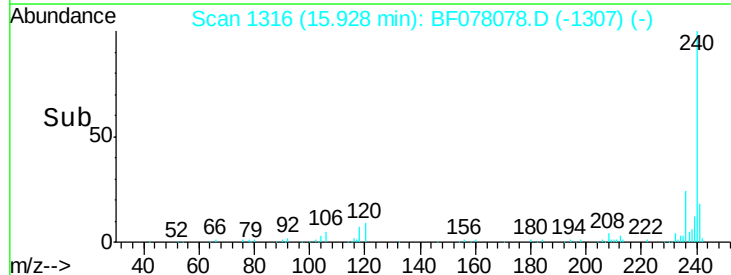
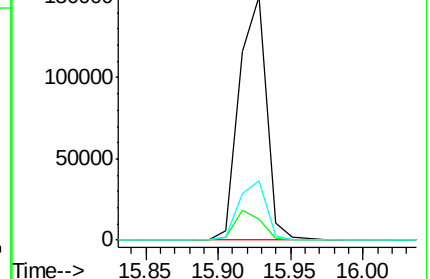
236 24.3 20.0 30.0

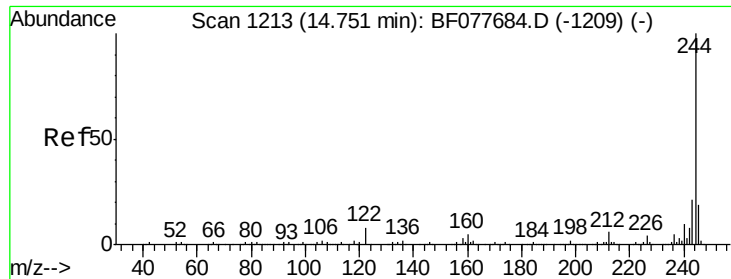


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

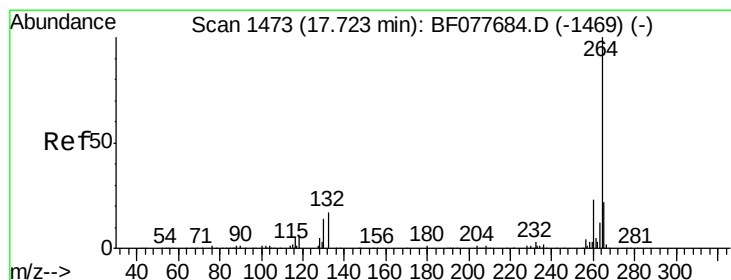
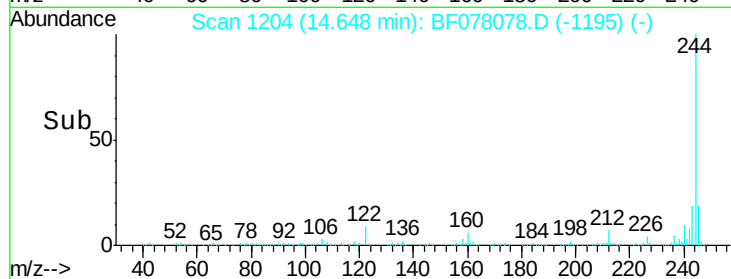
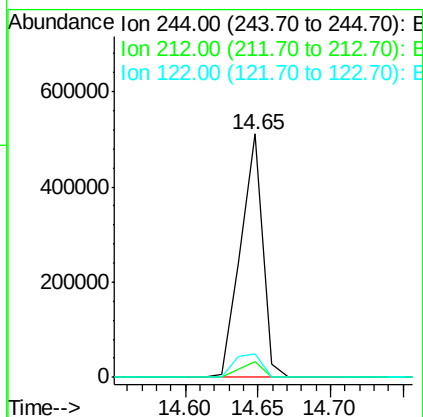
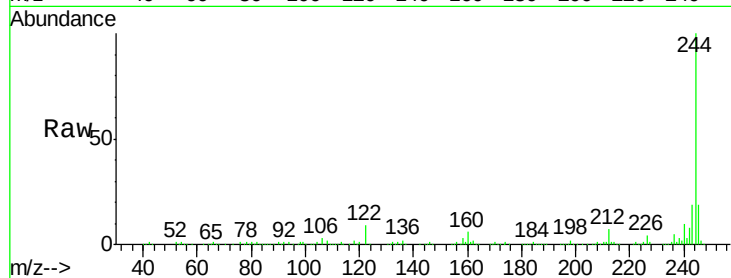




#78
 Terphenyl-d14
 Concen: 67.54 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078078.D
 Acq: 28 Mar 2015 13:08

Instrument :
 BNA_F
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 MW-16

Tot Ion:244 Resp: 541703
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.9 7.3
 122 9.4 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.63 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF078078.D
 Acq: 28 Mar 2015 13:08

Tgt Ion:264 Resp: 192536
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.1 17.3 25.9

