

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078332.D
 Acq On : 8 Apr 2015 9:52
 Operator : TP/IZ
 Sample : G1777-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Apr 08 14:44:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 14:42:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	33853	20.00	ng	-0.05
21) Naphthalene-d8	8.51	136	134906	20.00	ng	-0.05
38) Acenaphthene-d10	10.67	164	65246	20.00	ng	-0.06
63) Phenanthrene-d10	12.50	188	131011	20.00	ng	-0.06
75) Chrysene-d12	15.77	240	140423	20.00	ng	-0.07
86) Perylene-d12	17.54	264	140827	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	103599	50.46	ng	-0.06
7) Phenol-d6	6.53	99	75512	29.35	ng	-0.03
23) Nitrobenzene-d5	7.63	82	196030	88.08	ng	-0.05
41) 2,4,6-Tribromophenol	11.65	330	83452	154.22	ng	-0.06
44) 2-Fluorobiphenyl	9.86	172	434272	95.14	ng	-0.05
78) Terphenyl-d14	14.50	244	511988	82.39	ng	-0.06

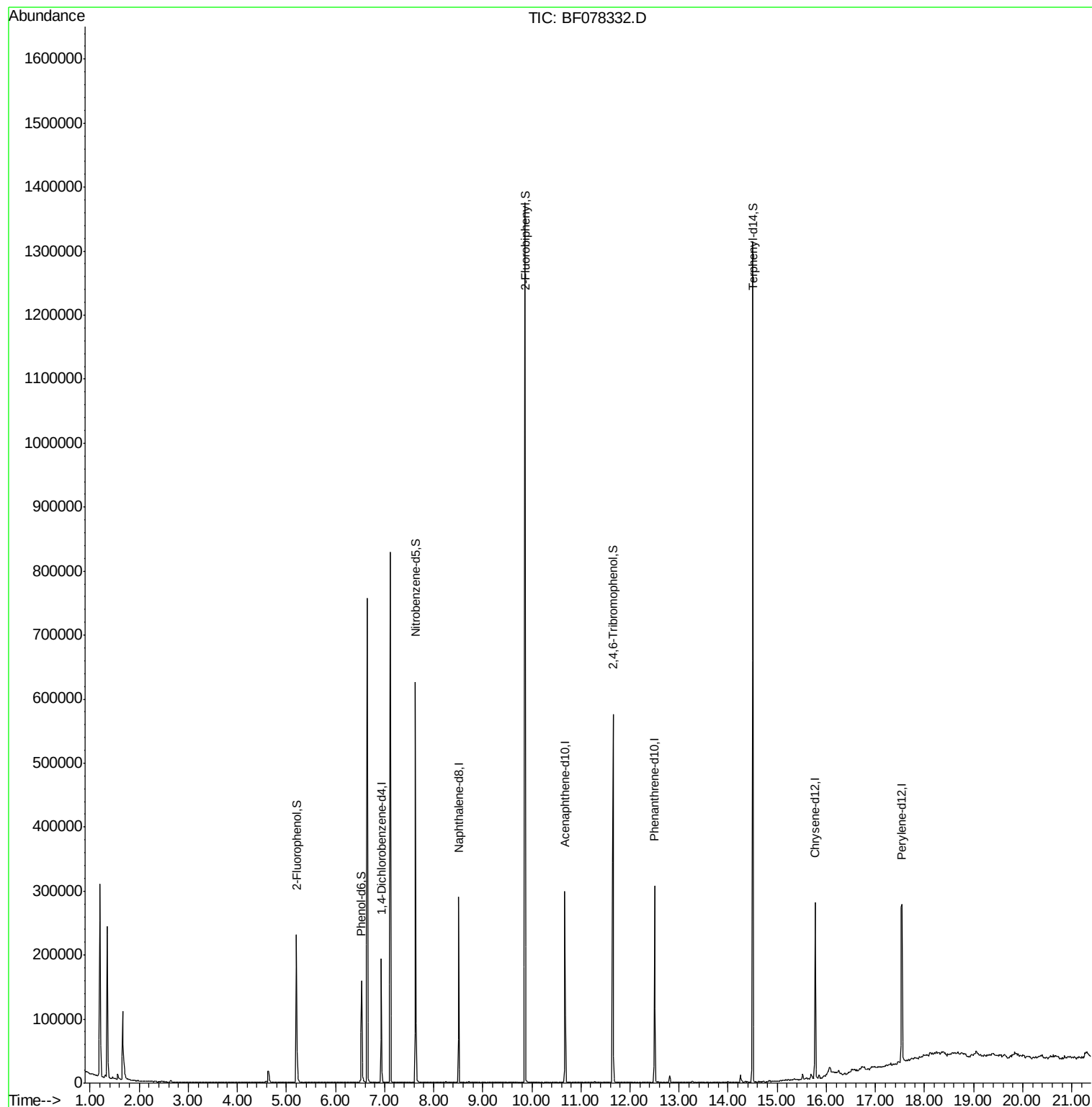
Target Compounds Qvalue

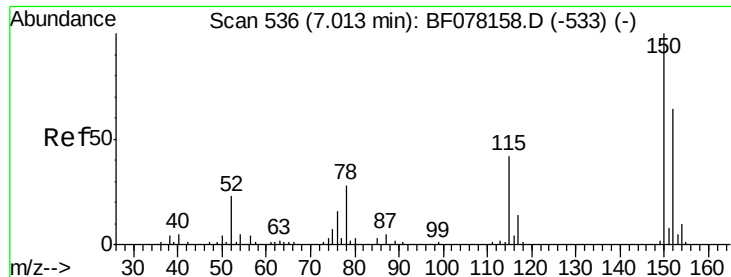
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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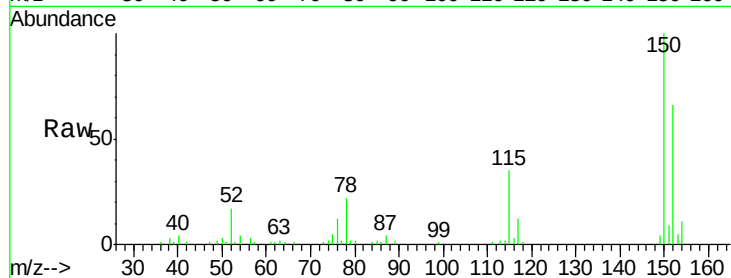


#1

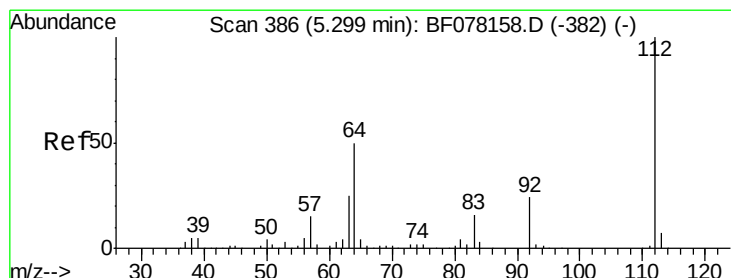
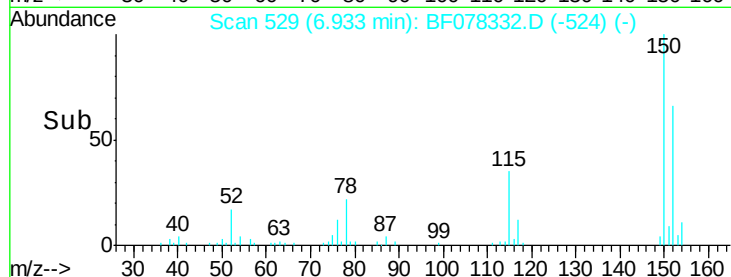
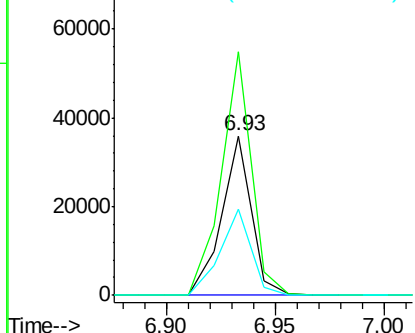
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. -0.05 min
Lab File: BF078332.D
Acq: 8 Apr 2015 9:52

Instrument :
BNA_F
ClientSampleId :
MW-28

Tot Ion:152 Resp: 33853
Ion Ratio Lower Upper
152 100
150 152.6 125.9 188.9
115 53.7 52.7 79.1



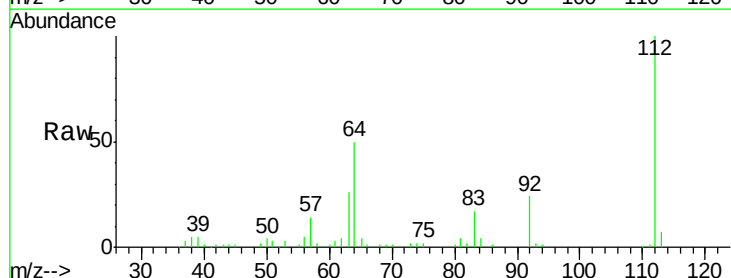
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



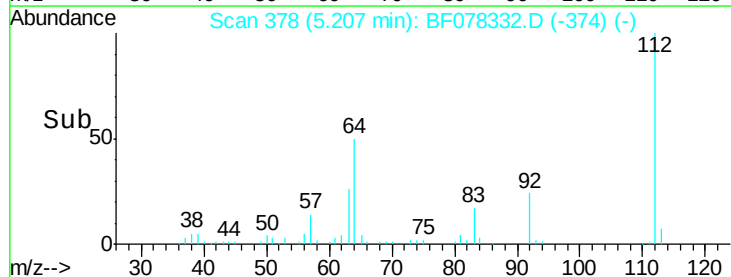
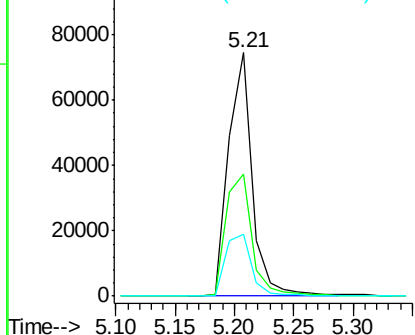
#5

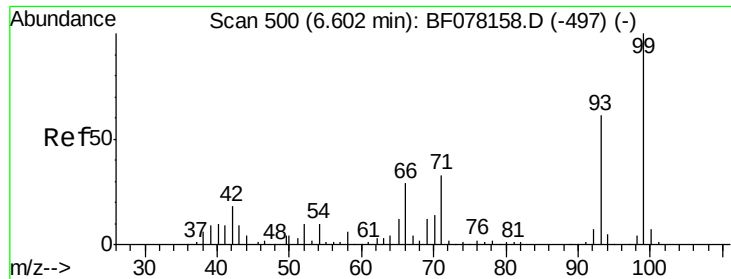
2-Fluorophenol
Concen: 50.46 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.06 min
Lab File: BF078332.D
Acq: 8 Apr 2015 9:52

Tgt Ion:112 Resp: 103599
Ion Ratio Lower Upper
112 100
64 50.2 39.9 59.9
63 25.6 20.2 30.4



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: 29.35 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.03 min

Lab File: BF078332.D

Acq: 8 Apr 2015 9:52

Instrument :

BNA_F

ClientSampleId :

MW-28

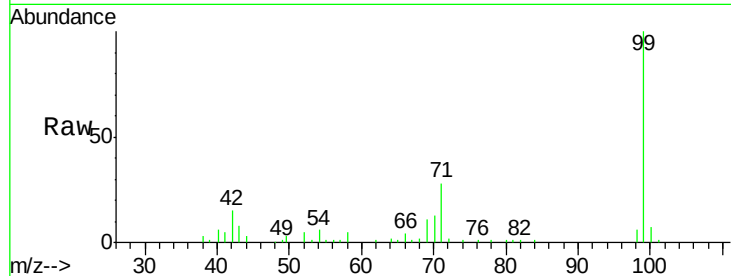
Tot Ion: 99 Resp: 75512

Ion Ratio Lower Upper

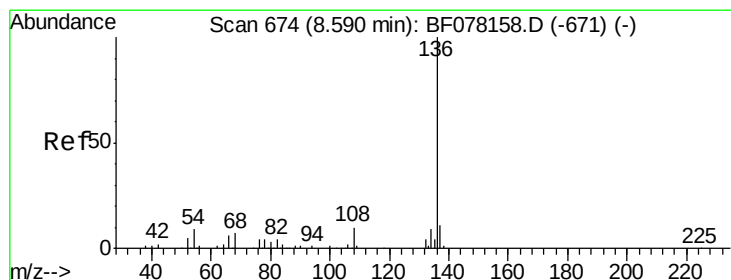
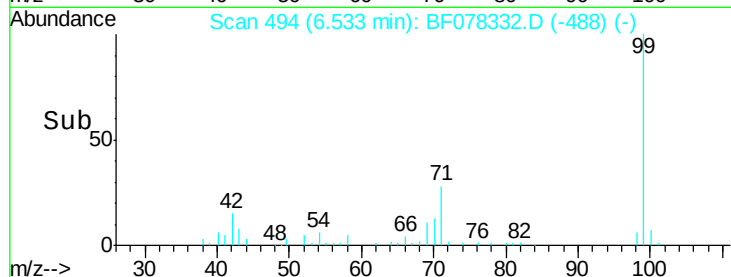
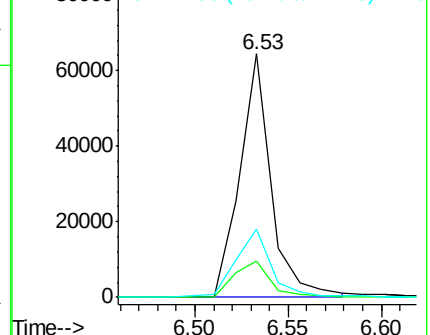
99 100

42 15.0 14.8 22.2

71 28.1 26.6 39.8



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: 8.51 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF078332.D

Acq: 8 Apr 2015 9:52

Tgt Ion: 136 Resp: 134906

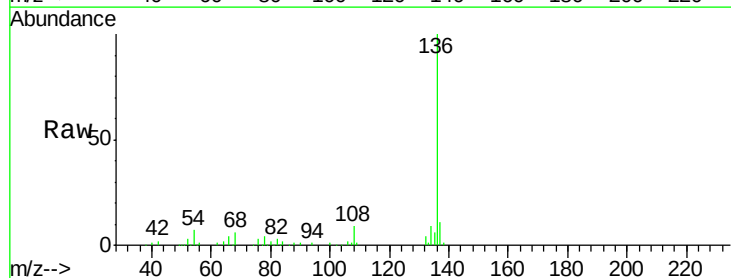
Ion Ratio Lower Upper

136 100

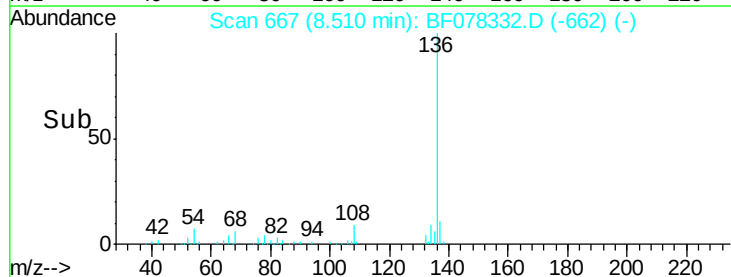
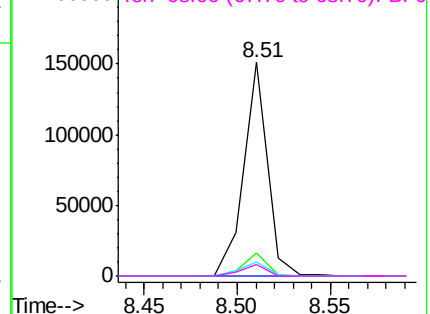
137 10.8 9.0 13.4

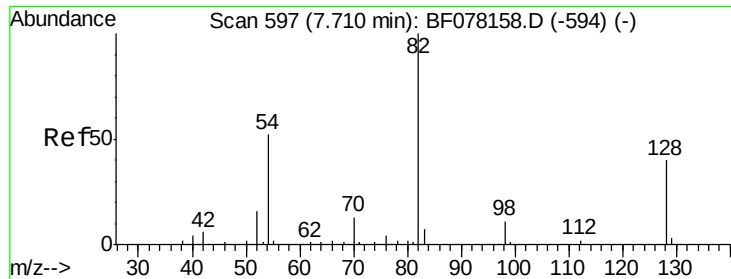
54 6.7 7.0 10.6#

68 5.6 5.4 8.2



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

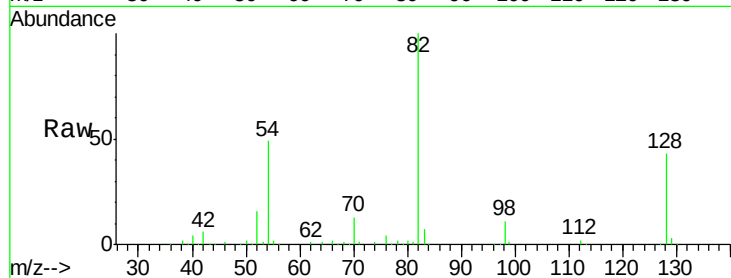




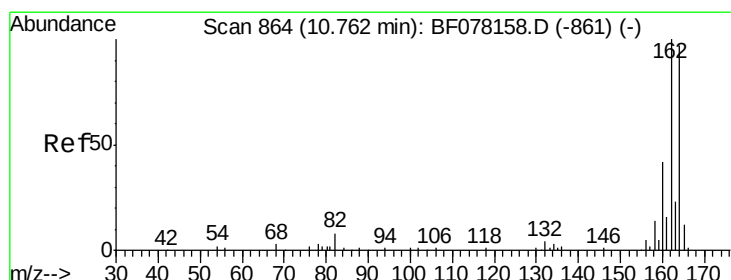
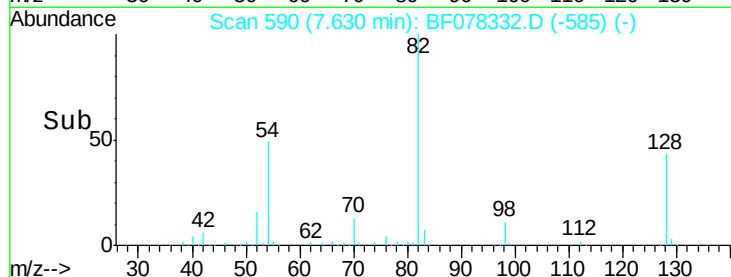
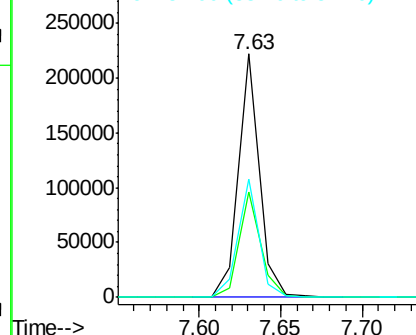
#23
 Nitrobenzene-d5
 Concen: 88.08 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.05 min
 Lab File: BF078332.D
 Acq: 8 Apr 2015 9:52

Instrument :
 BNA_F
 ClientSampleID :
 MW-28

Tot Ion	82	Resp	196030
Ion Ratio	100	Lower	Upper
128	43.4	31.8	47.8
54	48.6	41.5	62.3

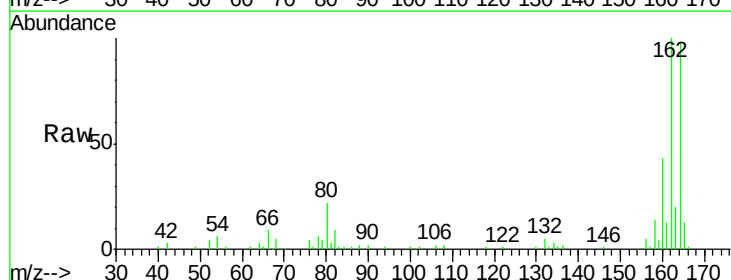


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

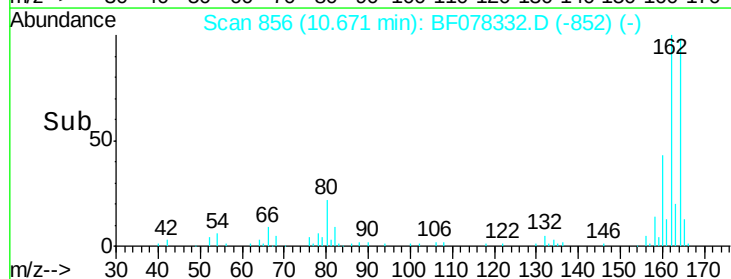
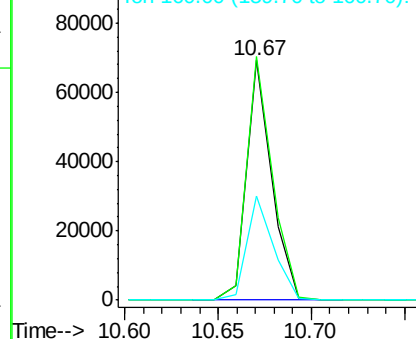


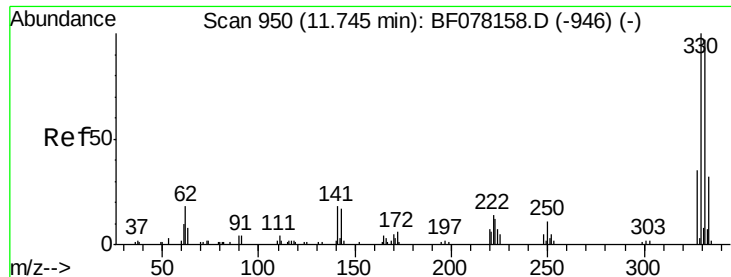
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.06 min
 Lab File: BF078332.D
 Acq: 8 Apr 2015 9:52

Tgt Ion	164	Resp	65246
Ion Ratio	100	Lower	Upper
162	101.6	82.2	123.2
160	43.7	34.7	52.1



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

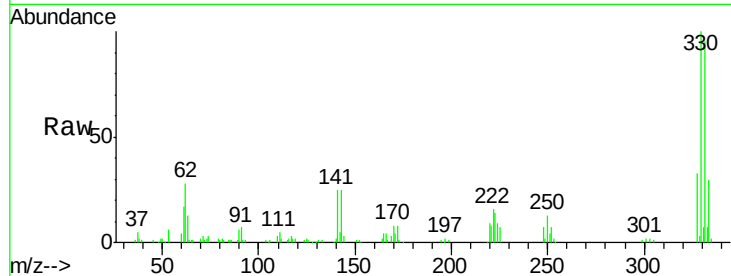




#41
 2,4,6-Tribromophenol
 Concen: 154.22 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF078332.D
 Acq: 8 Apr 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.6	117.8
141	36.6	31.2	46.8

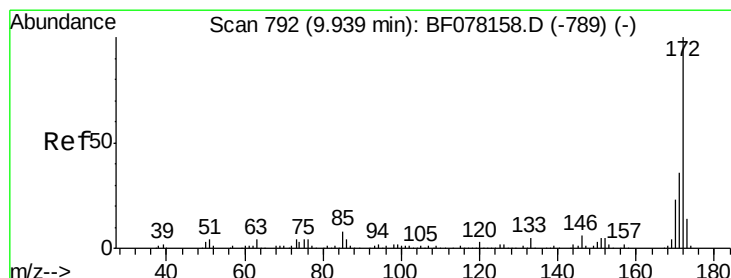
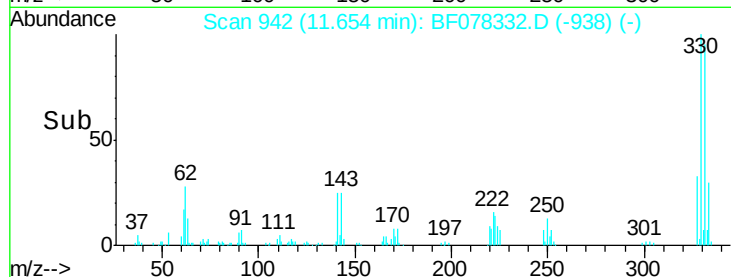
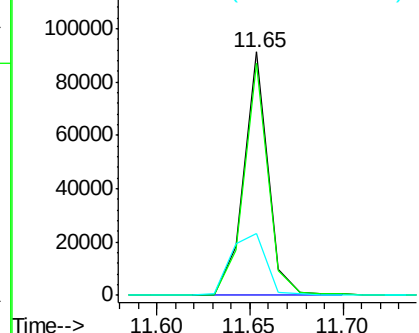


Abundance

Ion 329.80 (329.50 to 330.50): E

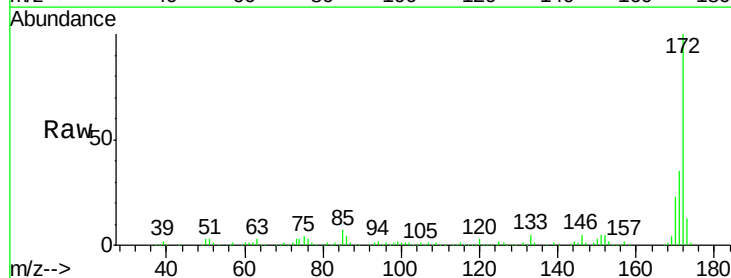
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.14 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF078332.D
 Acq: 8 Apr 2015 9:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.2	18.5	27.7

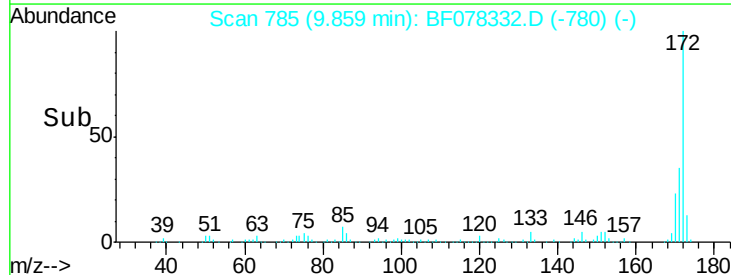
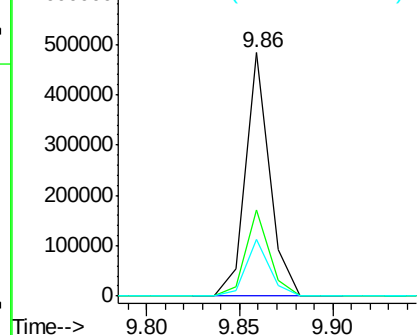


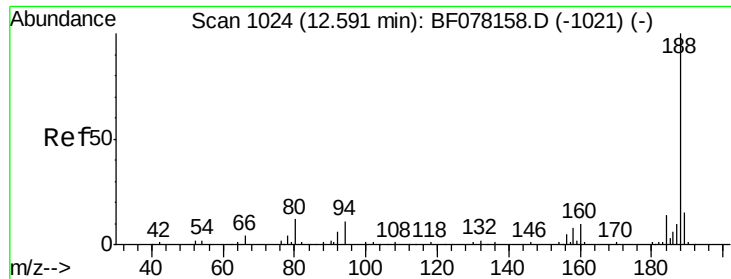
Abundance

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

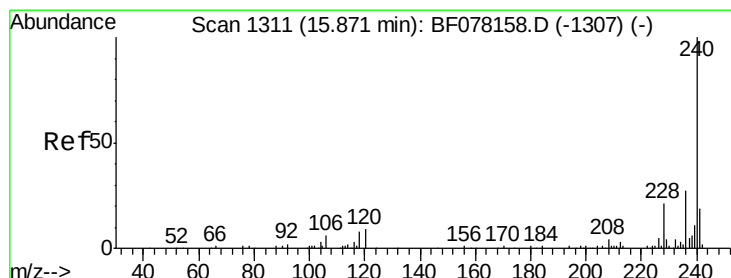
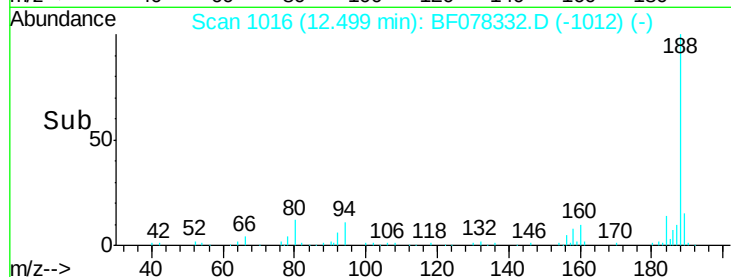
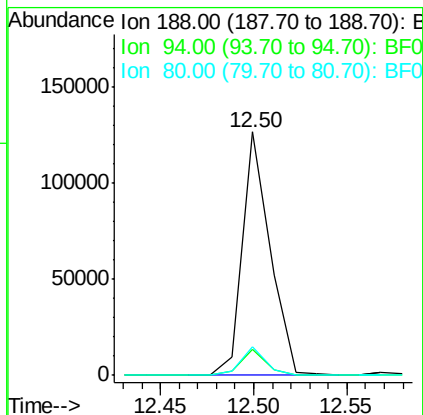
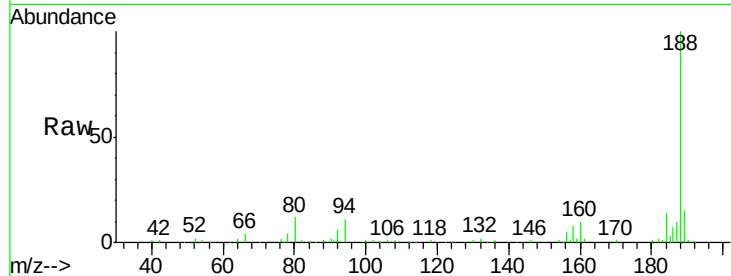




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.06 min
Lab File: BF078332.D
Acq: 8 Apr 2015 9:52

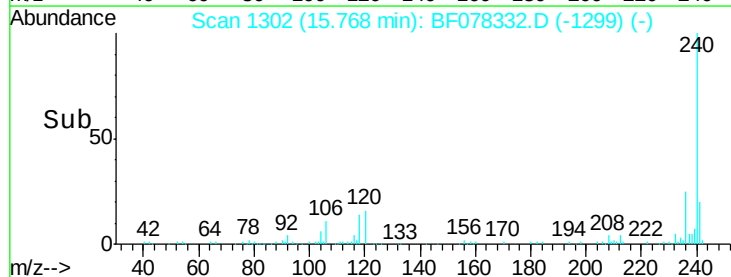
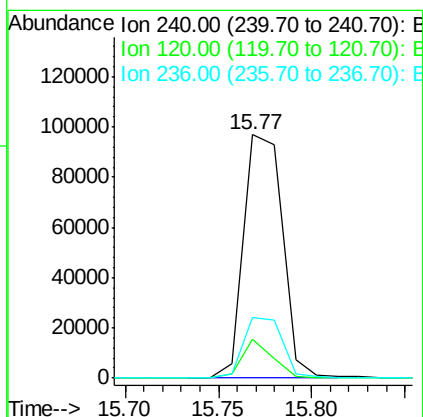
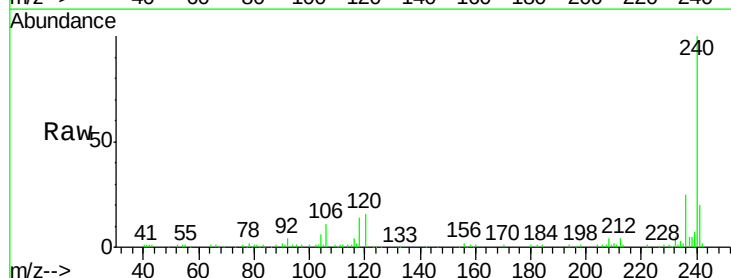
Instrument :
BNA_F
ClientSampleId :
MW-28

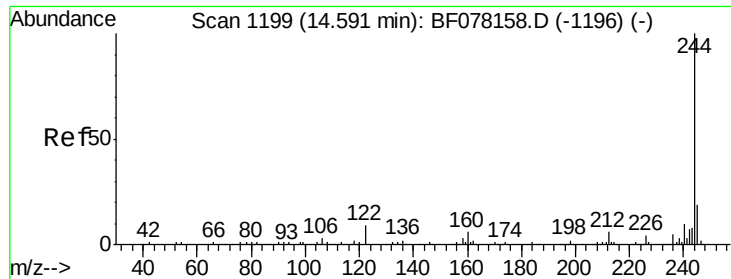
Tot Ion:188 Resp: 131011
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.5 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.07 min
Lab File: BF078332.D
Acq: 8 Apr 2015 9:52

Tgt Ion:240 Resp: 140423
Ion Ratio Lower Upper
240 100
120 15.7 7.1 10.7#
236 25.1 21.4 32.2

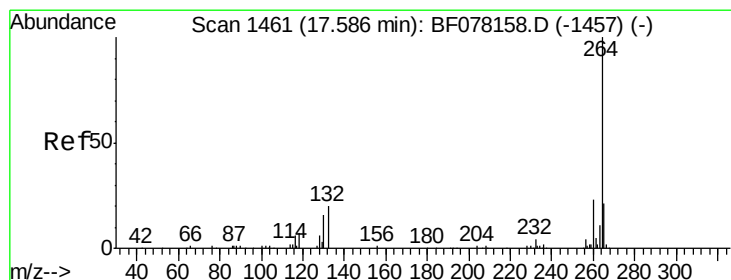
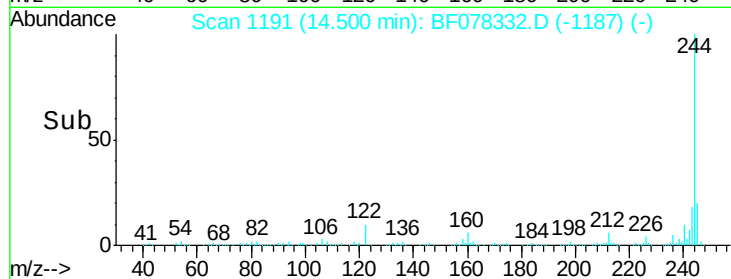
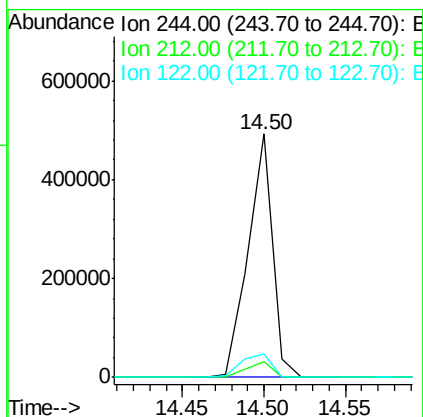
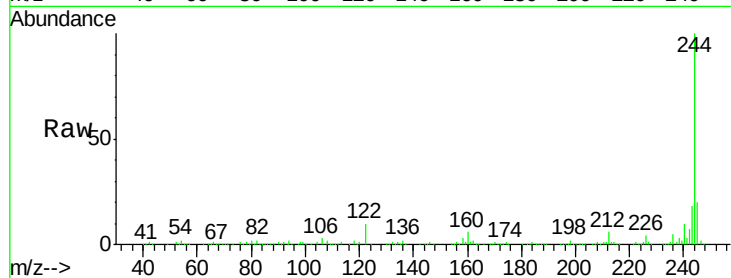




#78
 Terphenyl-d14
 Concen: 82.39 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. -0.06 min
 Lab File: BF078332.D
 Acq: 8 Apr 2015 9:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tot Ion:244 Resp: 511988
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 9.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF078332.D
 Acq: 8 Apr 2015 9:52

Tgt Ion:264 Resp: 140827
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.2 17.0 25.6

