

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078652.D
 Acq On : 20 Apr 2015 19:11
 Operator : TP/IZ
 Sample : G1936-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Apr 21 01:09:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	34017	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	142276	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	70734	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	143168	20.00	ng	0.00
75) Chrysene-d12	17.79	240	147972	20.00	ng	-0.01
86) Perylene-d12	19.53	264	145206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	105985	51.37	ng	0.00
7) Phenol-d6	5.36	99	83478	32.29	ng	0.00
23) Nitrobenzene-d5	6.80	82	197492	84.14	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	87882	149.81	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	427629	86.42	ng	0.00
78) Terphenyl-d14	16.47	244	542227	82.80	ng	0.00

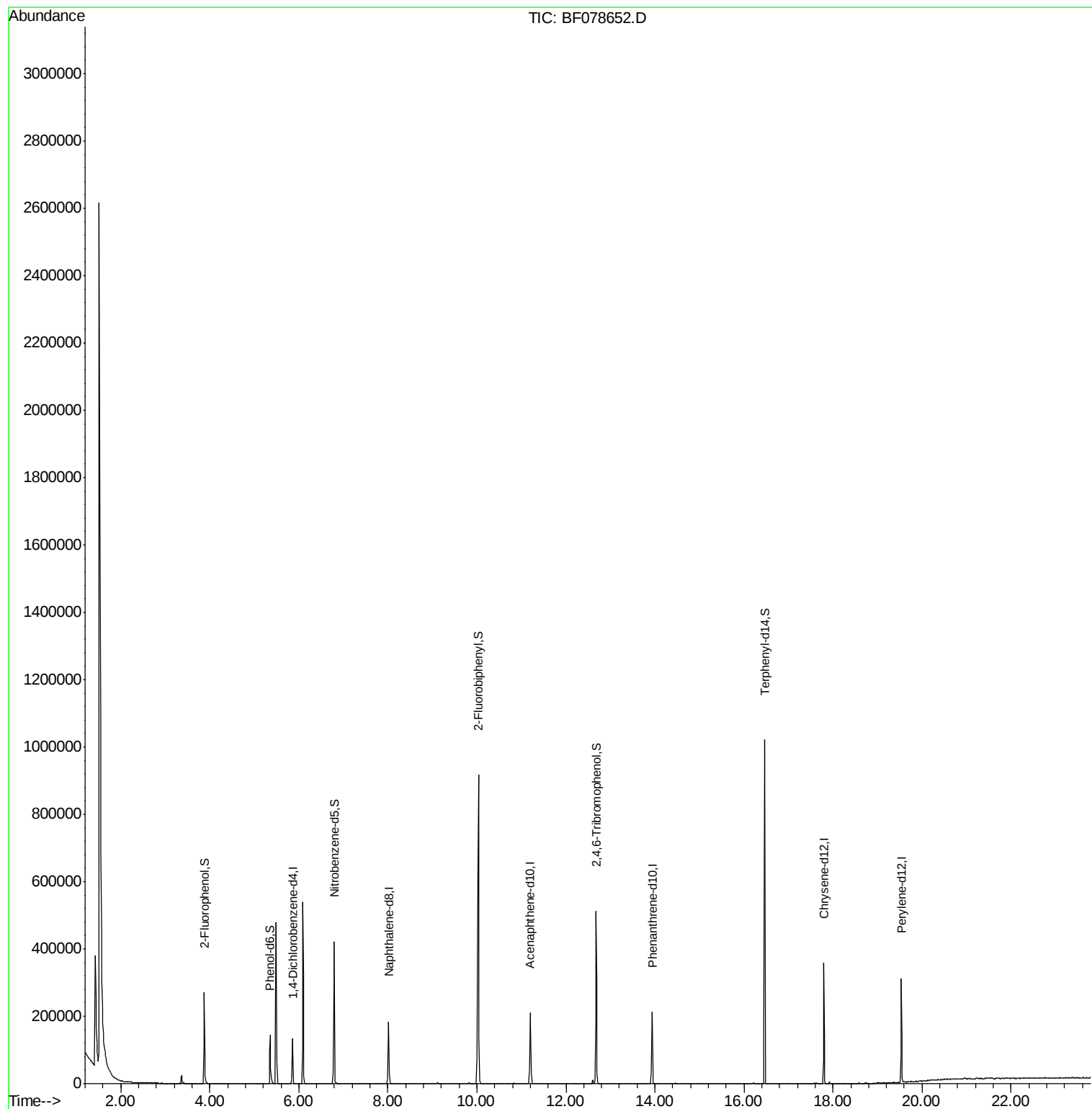
Target Compounds Qvalue

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

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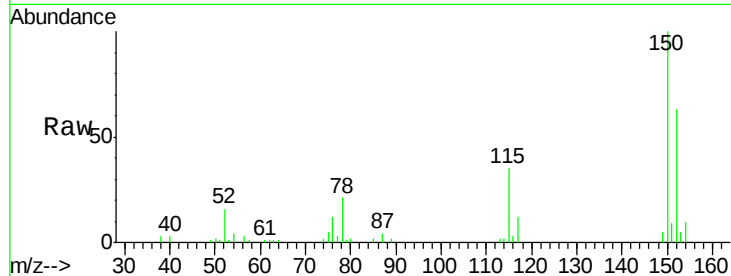


#1

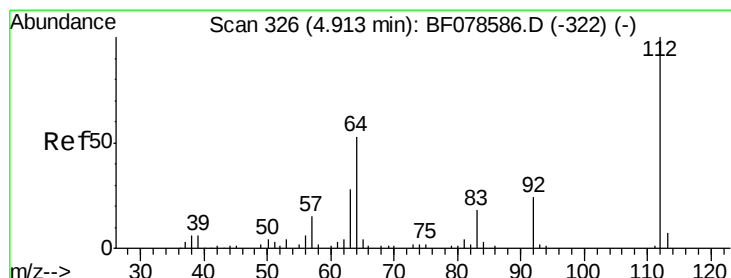
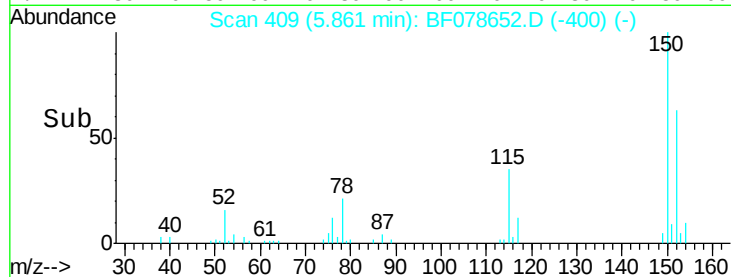
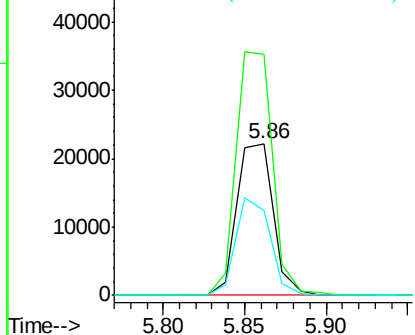
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF078652.D
Acq: 20 Apr 2015 19:11

Instrument :
BNA_F
ClientSampleId :
MW-27

Tot Ion:152 Resp: 34017
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 55.7 52.7 79.1



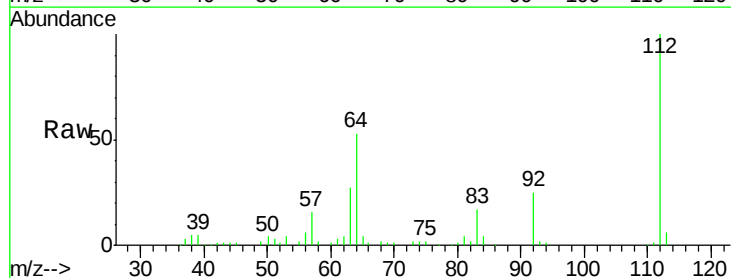
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



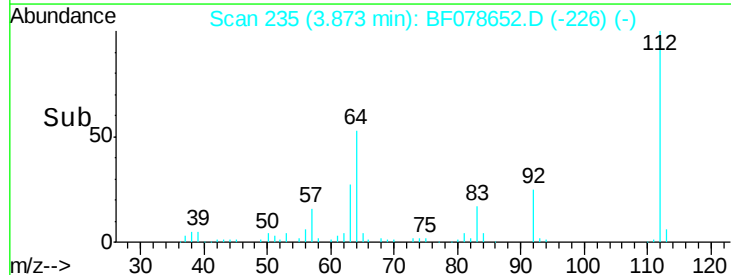
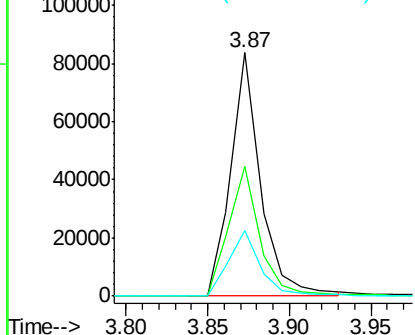
#5

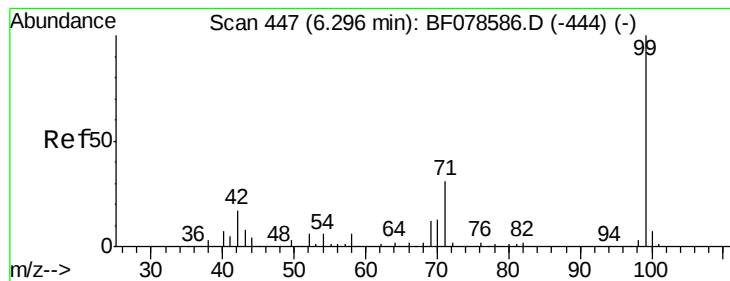
2-Fluorophenol
Concen: 51.37 ng
RT: 3.87 min Scan# 235
Delta R.T. -0.00 min
Lab File: BF078652.D
Acq: 20 Apr 2015 19:11

Tgt Ion:112 Resp: 105985
Ion Ratio Lower Upper
112 100
64 53.2 39.9 59.9
63 27.0 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: 32.29 ng

RT: 5.36 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF078652.D

Acq: 20 Apr 2015 19:11

Instrument :

BNA_F

ClientSampleId :

MW-27

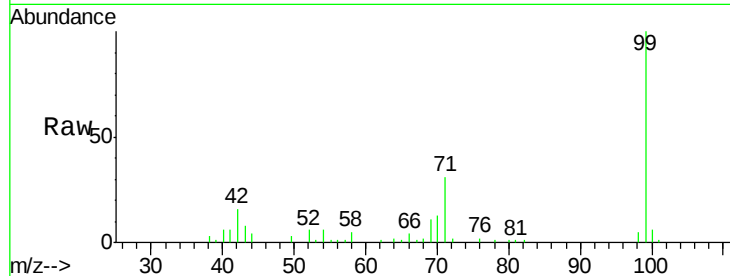
Tot Ion: 99 Resp: 83478

Ion Ratio Lower Upper

99 100

42 15.9 14.8 22.2

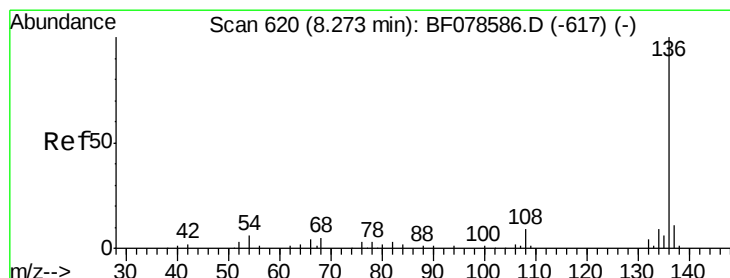
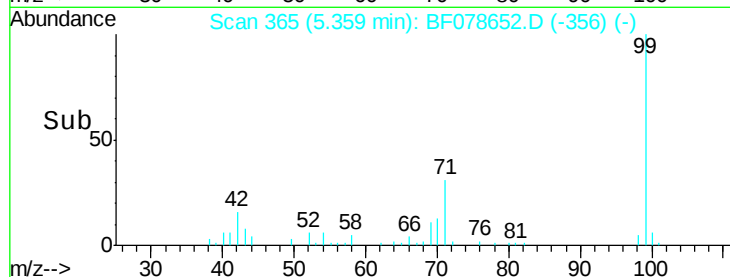
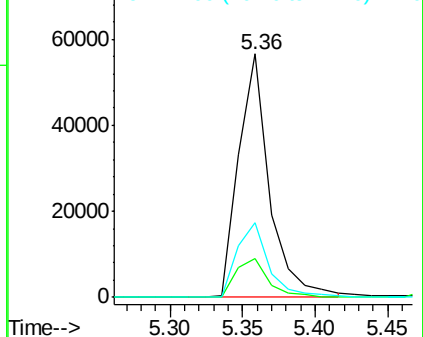
71 30.9 26.6 39.8



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: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF078652.D

Acq: 20 Apr 2015 19:11

Tgt Ion: 136 Resp: 142276

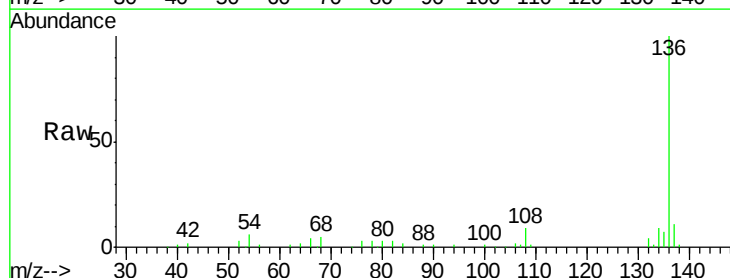
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.1 7.0 10.6#

68 4.9 5.4 8.2#

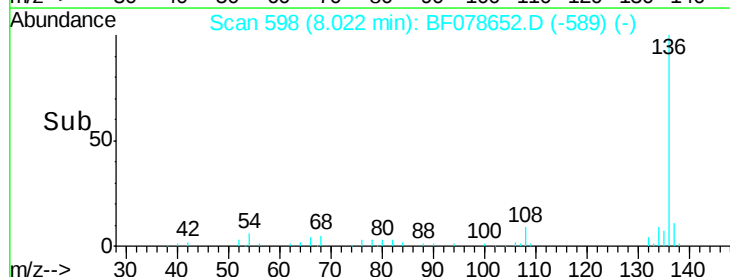
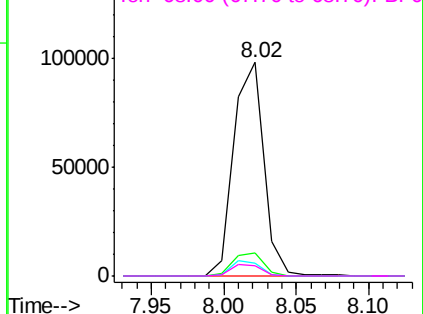


Abundance Ion 136.00 (135.70 to 136.70): E

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

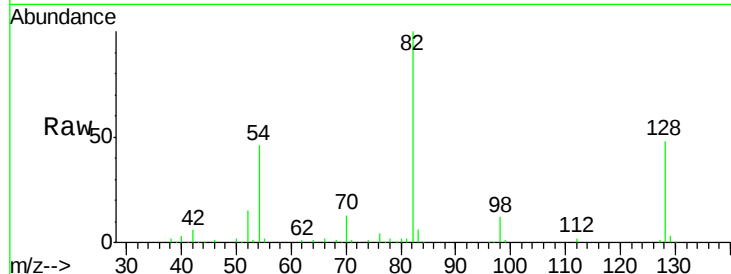




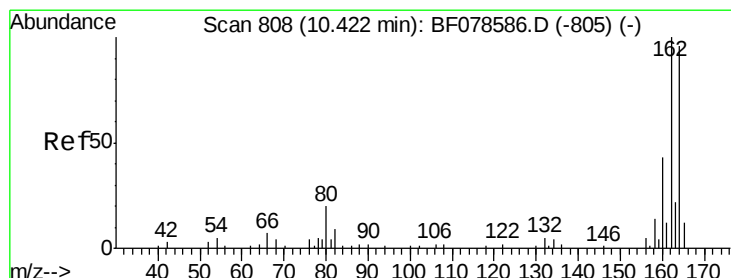
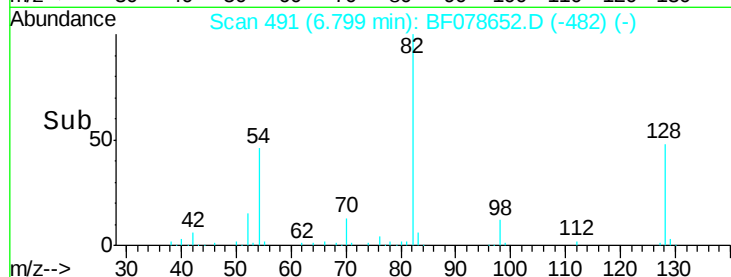
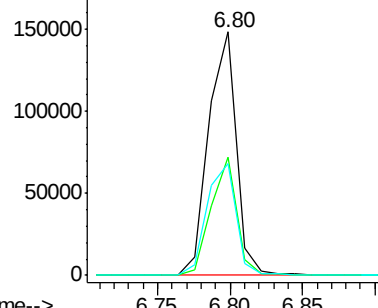
#23
Nitrobenzene-d5
Concen: 84.14 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078652.D
Acq: 20 Apr 2015 19:11

Instrument :
BNA_F
ClientSampleId :
MW-27

Tot Ion: 82 Resp: 197492
Ion Ratio Lower Upper
82 100
128 48.3 31.8 47.8#
54 46.0 41.5 62.3

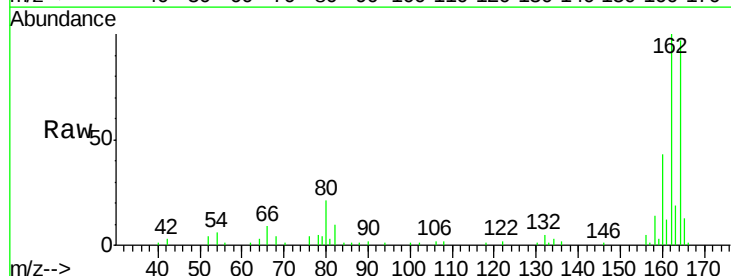


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

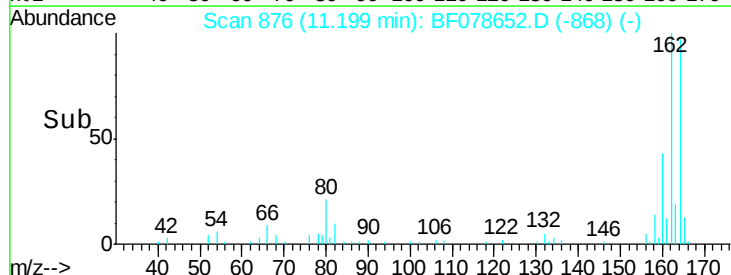
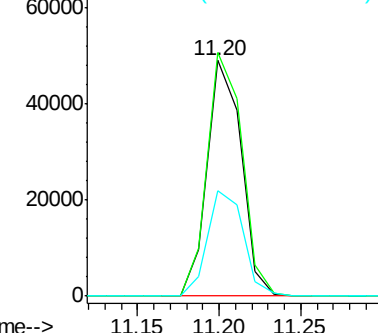


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078652.D
Acq: 20 Apr 2015 19:11

Tgt Ion: 164 Resp: 70734
Ion Ratio Lower Upper
164 100
162 103.4 82.2 123.2
160 44.7 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

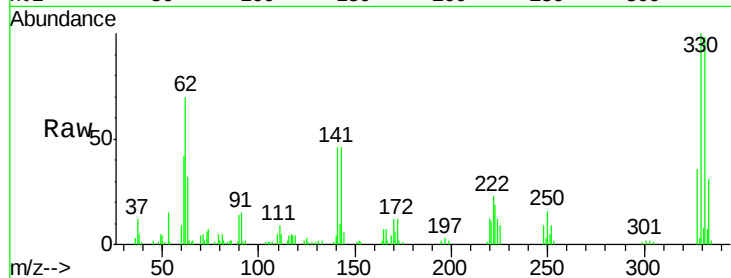




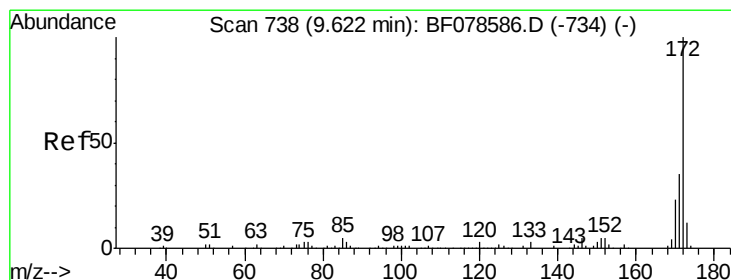
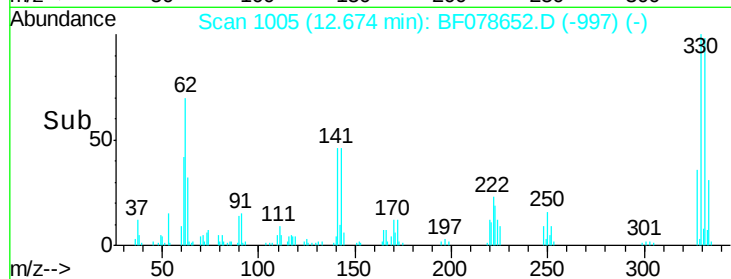
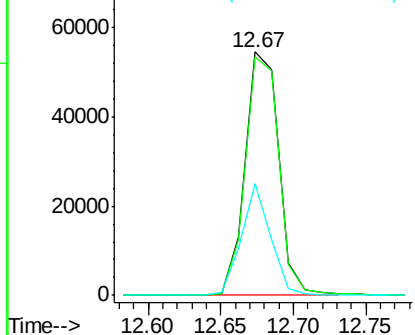
#41
 2,4,6-Tribromophenol
 Concen: 149.81 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF078652.D
 Acq: 20 Apr 2015 19:11

Instrument :
 BNA_F
 ClientSampled :
 MW-27

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.6	117.8
141	39.4	31.2	46.8

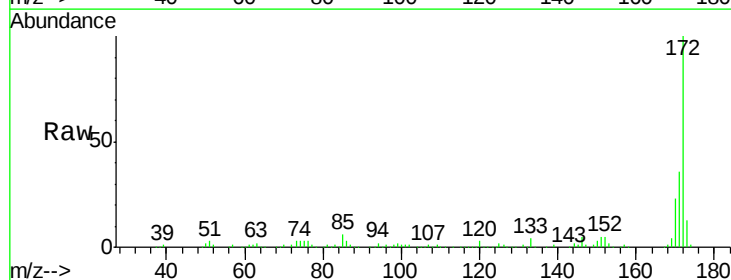


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

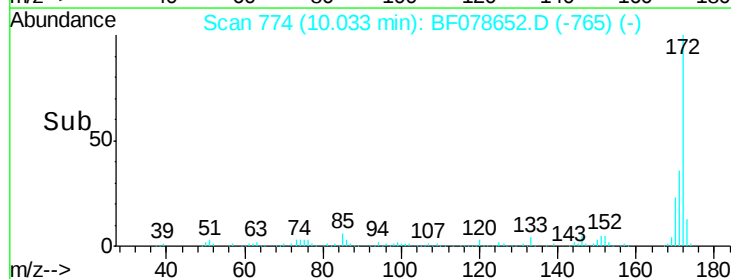
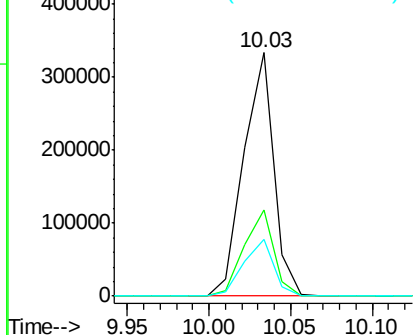


#44
 2-Fluorobiphenyl
 Concen: 86.42 ng
 RT: 10.03 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF078652.D
 Acq: 20 Apr 2015 19:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.3	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

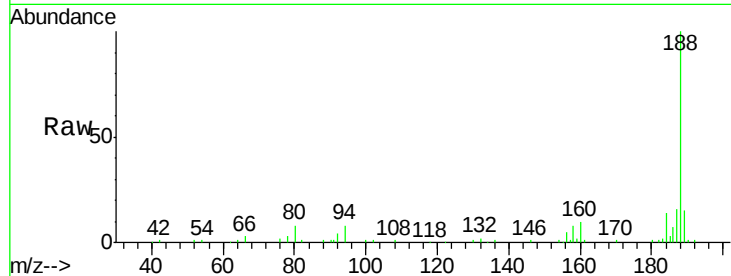




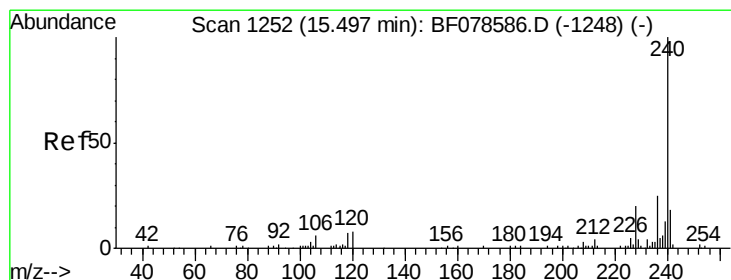
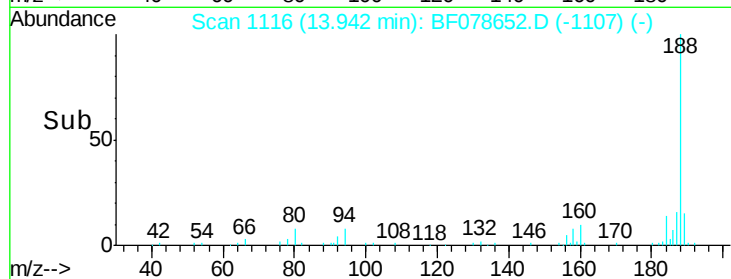
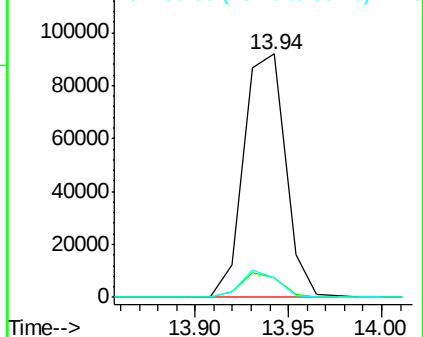
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF078652.D
 Acq: 20 Apr 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tot Ion:188 Resp: 143168
 Ion Ratio Lower Upper
 188 100
 94 8.0 9.0 13.4#
 80 8.3 9.5 14.3#

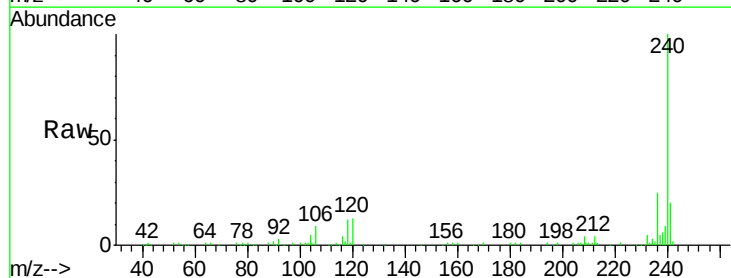


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

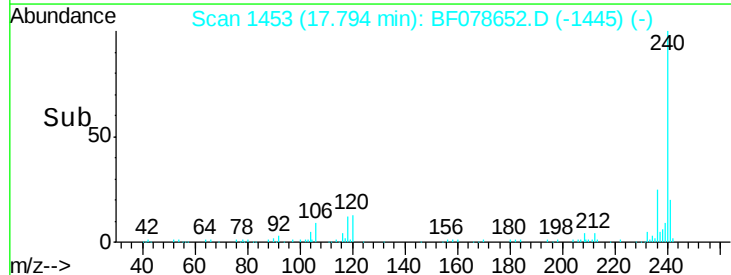
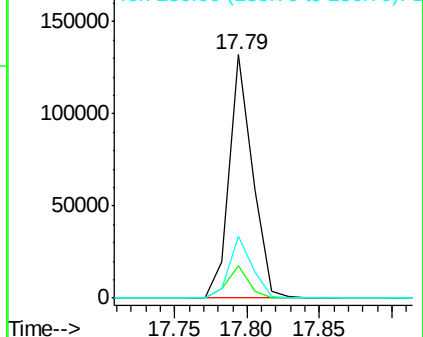


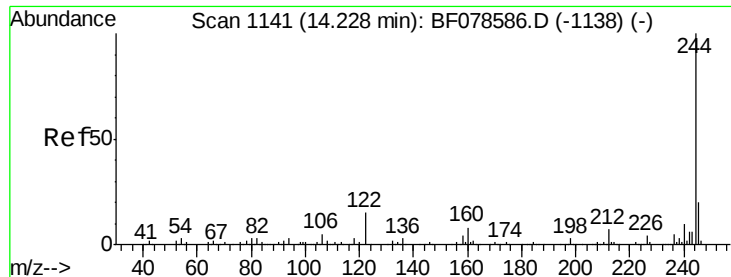
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF078652.D
 Acq: 20 Apr 2015 19:11

Tgt Ion:240 Resp: 147972
 Ion Ratio Lower Upper
 240 100
 120 13.1 7.1 10.7#
 236 25.3 21.4 32.2



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

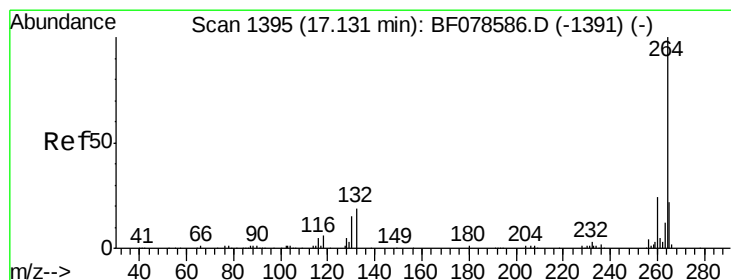
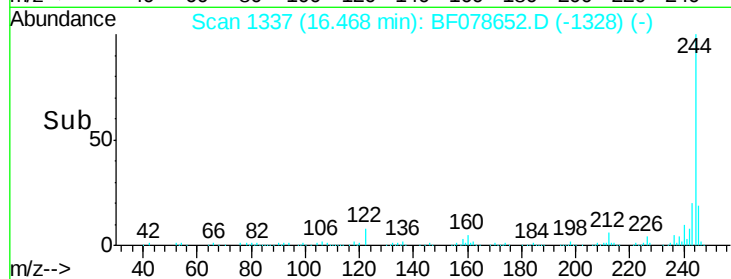
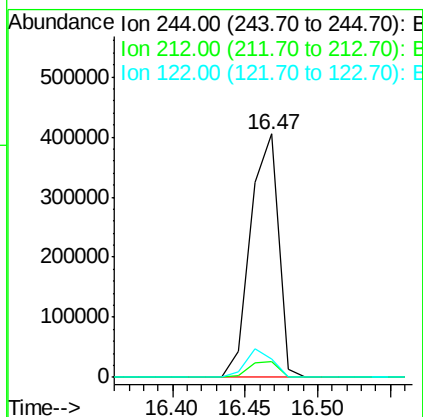
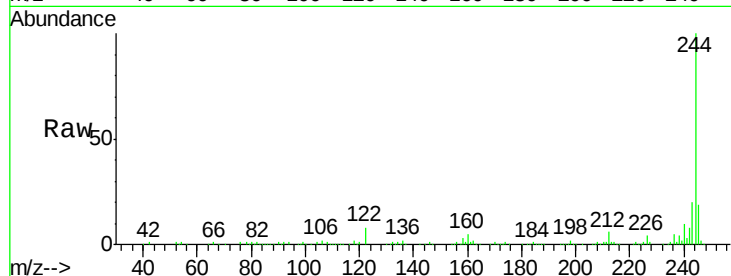




#78
 Terphenyl-d14
 Concen: 82.80 ng
 RT: 16.47 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF078652.D
 Acq: 20 Apr 2015 19:11

Instrument :
 BNA_F
 ClientSampled :
 MW-27

Tot Ion:244 Resp: 542227
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 7.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF078652.D
 Acq: 20 Apr 2015 19:11

Tgt Ion:264 Resp: 145206
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.8 17.0 25.6

