

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078265.D
 Acq On : 6 Apr 2015 19:10
 Operator : TP/IZ
 Sample : G1755-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Apr 07 01:27:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 02:08:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	42129	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	171042	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	85890	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	168677	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	180626	20.00	ng	-0.03
86) Perylene-d12	17.49	264	170184	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	141972	55.56	ng	0.00
7) Phenol-d6	6.58	99	107315	33.51	ng	0.00
23) Nitrobenzene-d5	7.68	82	246044	87.19	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	107461	150.86	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	553056	92.04	ng	0.00
78) Terphenyl-d14	14.55	244	648496	81.13	ng	0.00

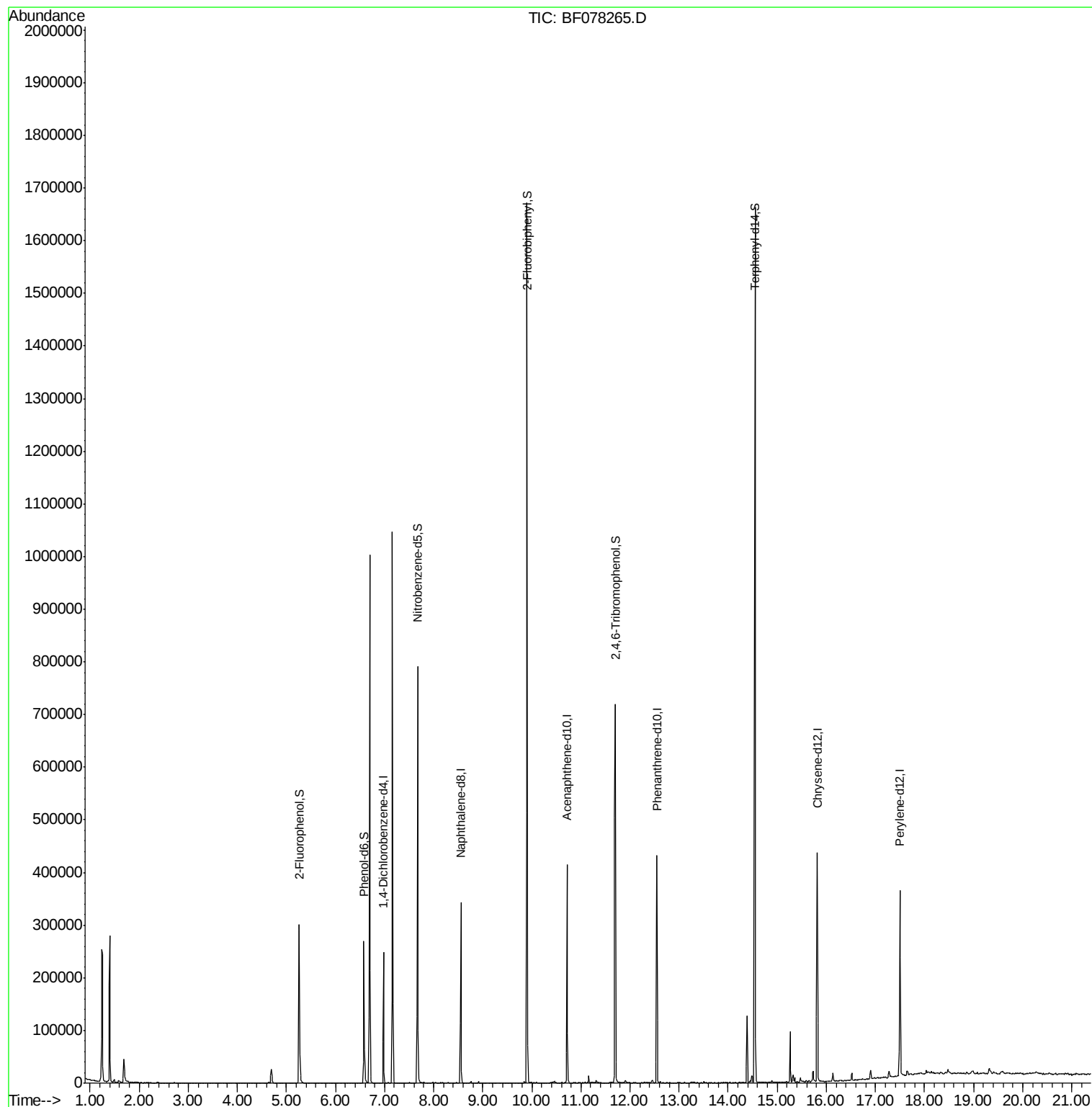
Target Compounds Qvalue

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

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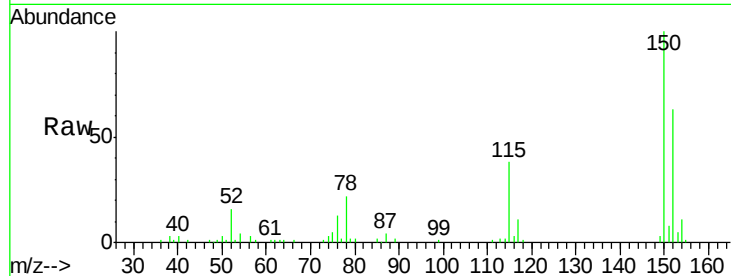




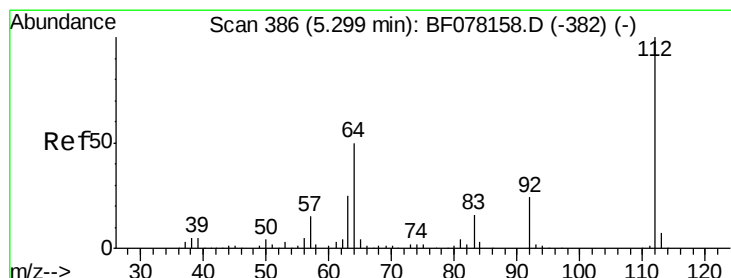
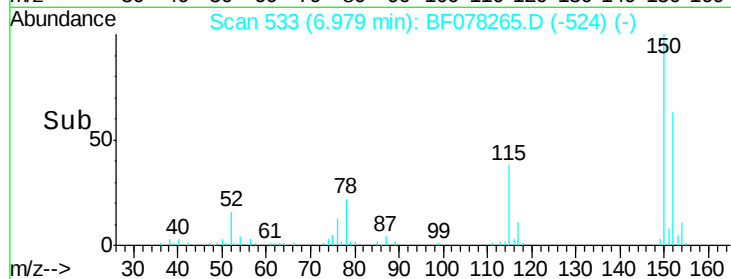
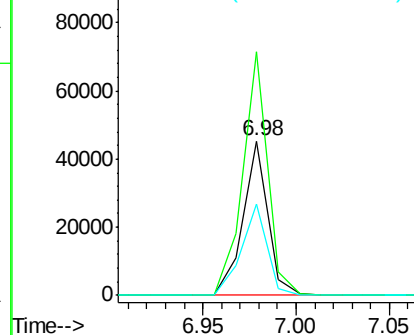
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF078265.D
 Acq: 6 Apr 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:152 Resp: 42129
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.9 188.9
 115 59.5 52.7 79.1

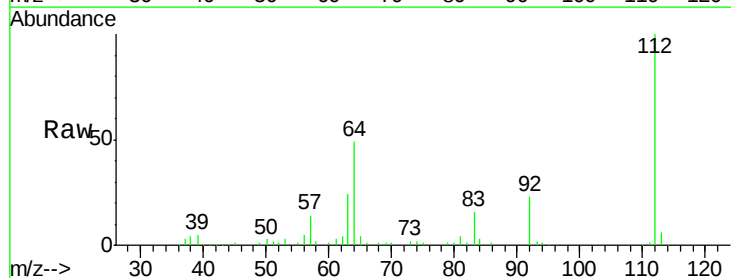


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

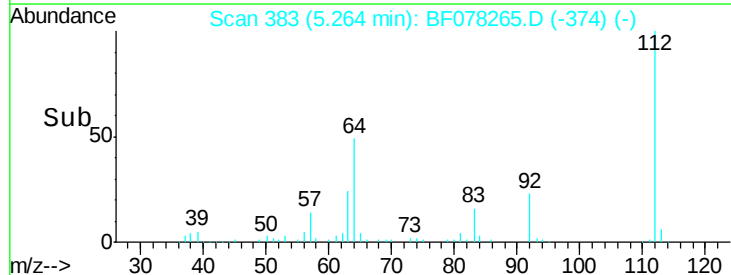
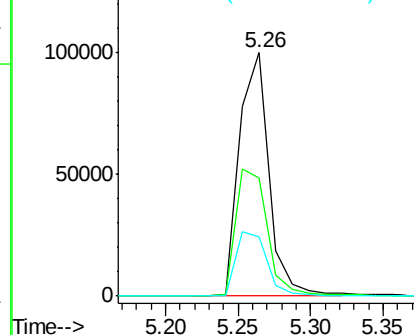


#5
 2-Fluorophenol
 Concen: 55.56 ng
 RT: 5.26 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: BF078265.D
 Acq: 6 Apr 2015 19:10

Tgt Ion:112 Resp: 141972
 Ion Ratio Lower Upper
 112 100
 64 48.7 39.9 59.9
 63 24.4 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: 33.51 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078265.D

Acq: 6 Apr 2015 19:10

Instrument :

BNA_F

ClientSampled :

MW-03

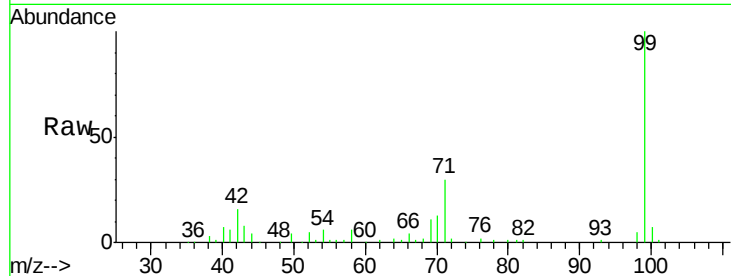
Tot Ion: 99 Resp: 107315

Ion Ratio Lower Upper

99 100

42 15.7 14.8 22.2

71 30.4 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

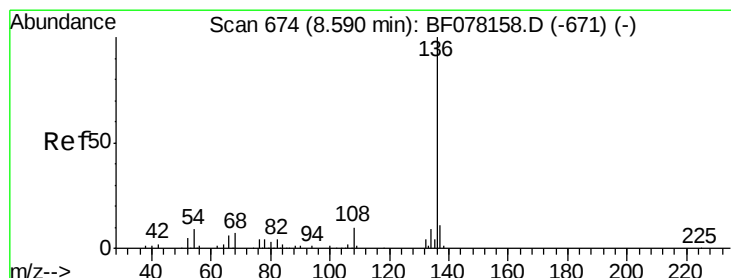
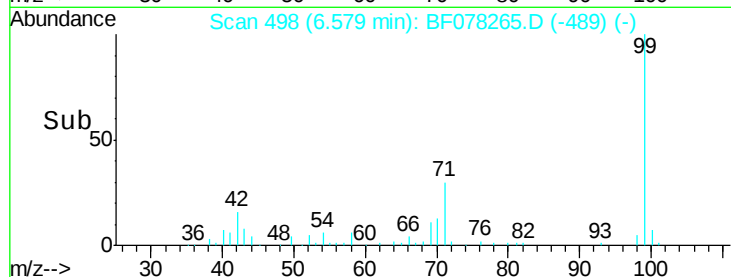
6.58

100000

50000

0

Time--> 6.50 6.55 6.60 6.65



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078265.D

Acq: 6 Apr 2015 19:10

Tgt Ion: 136 Resp: 171042

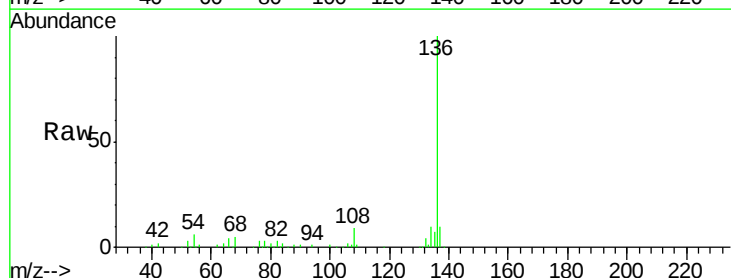
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 6.2 7.0 10.6#

68 5.1 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

8.56

250000

200000

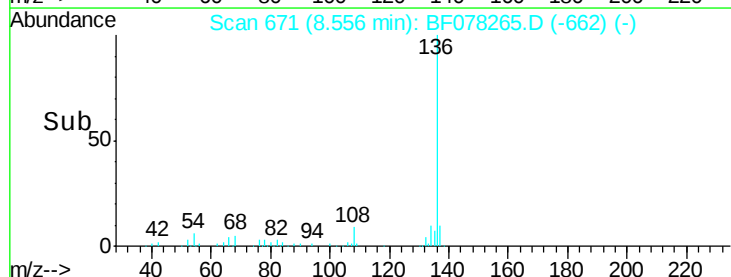
150000

100000

50000

0

Time--> 8.50 8.55 8.60

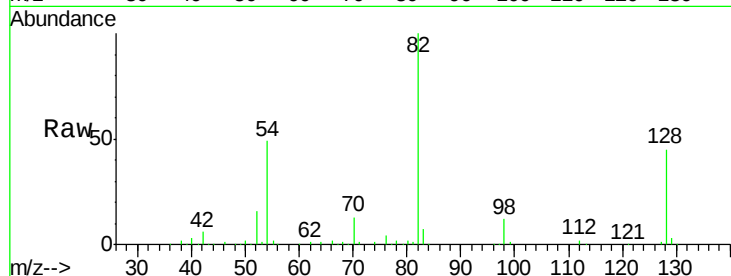




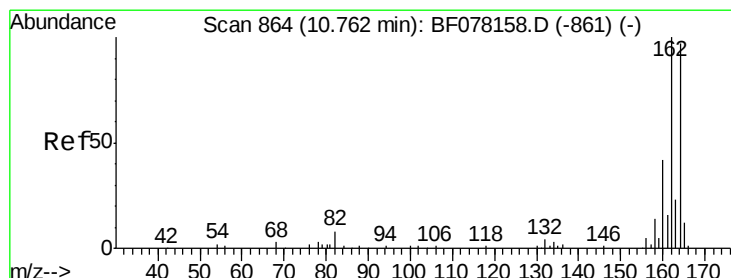
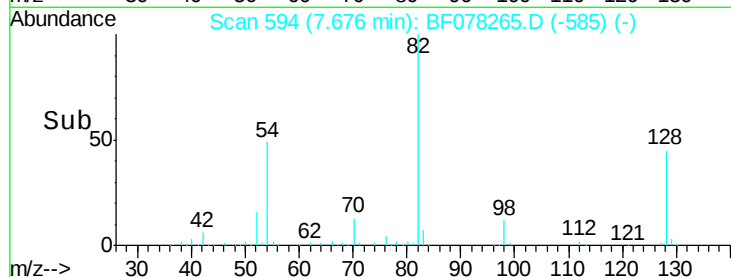
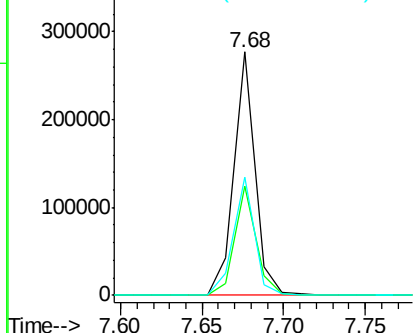
#23
 Nitrobenzene-d5
 Concen: 87.19 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078265.D
 Acq: 6 Apr 2015 19:10

Instrument :
 BNA_F
 ClientSampled :
 MW-03

Tot Ion: 82 Resp: 246044
 Ion Ratio Lower Upper
 82 100
 128 44.8 31.8 47.8
 54 48.5 41.5 62.3

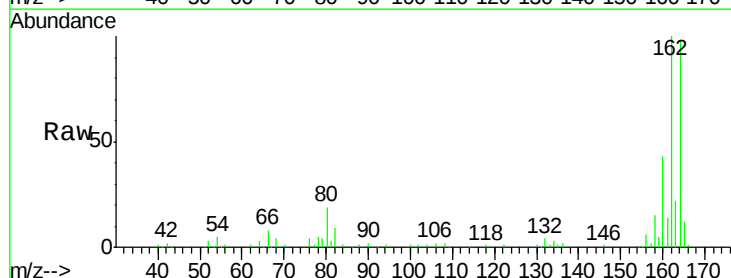


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

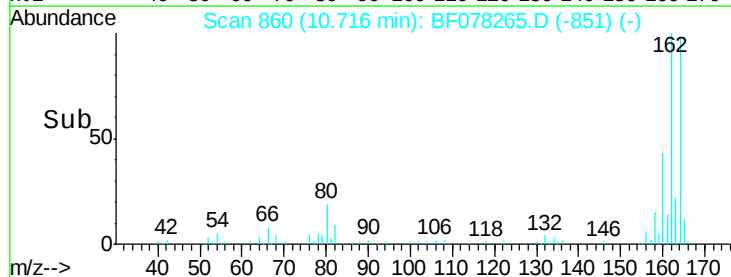
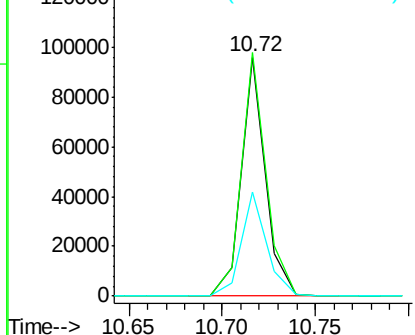


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078265.D
 Acq: 6 Apr 2015 19:10

Tgt Ion:164 Resp: 85890
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.2 123.2
 160 43.9 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

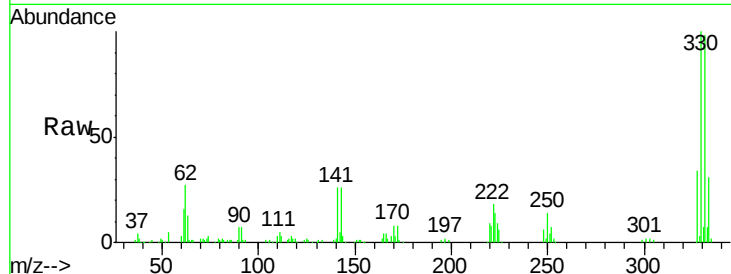




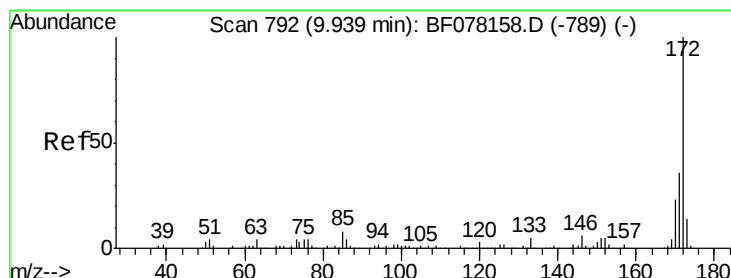
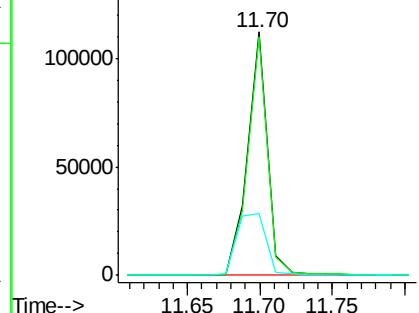
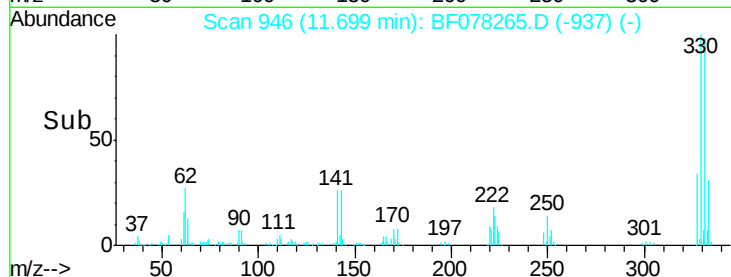
#41
 2,4,6-Tribromophenol
 Concen: 150.86 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078265.D
 Acq: 6 Apr 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	117.8
141	37.7	31.2	46.8

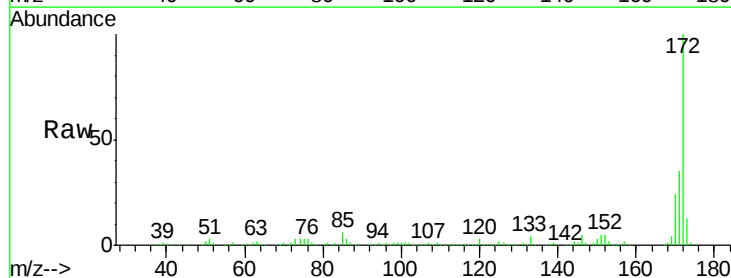


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

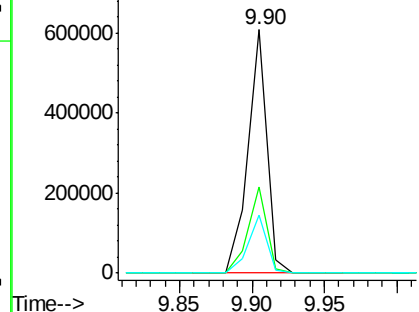
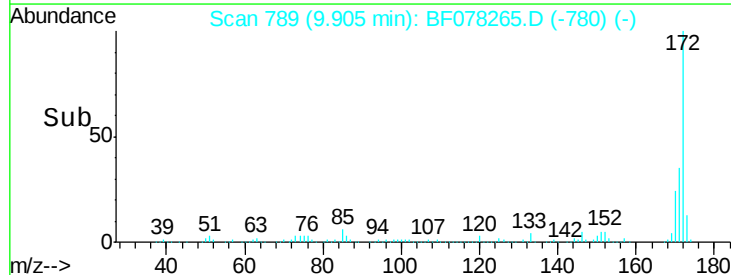


#44
 2-Fluorobiphenyl
 Concen: 92.04 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078265.D
 Acq: 6 Apr 2015 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.7	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

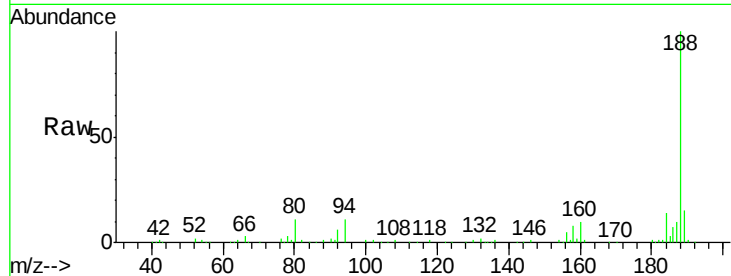




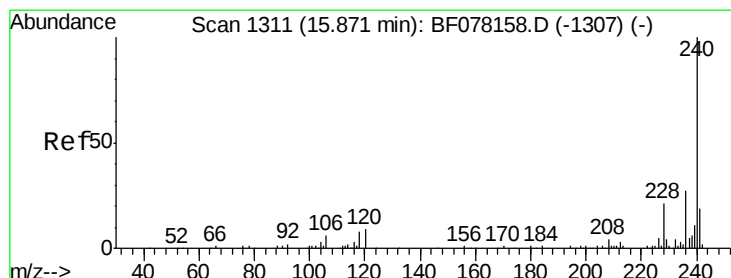
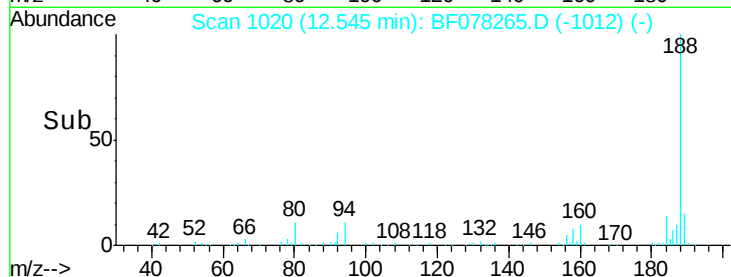
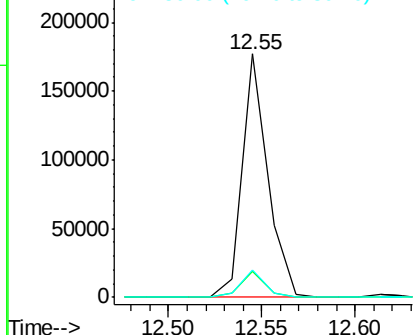
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078265.D
Acq: 6 Apr 2015 19:10

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion:188 Resp: 168677
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.1 9.5 14.3

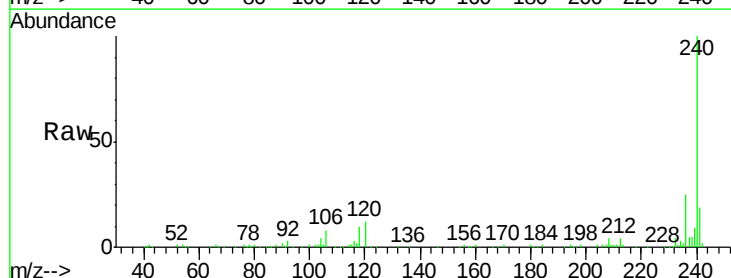


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

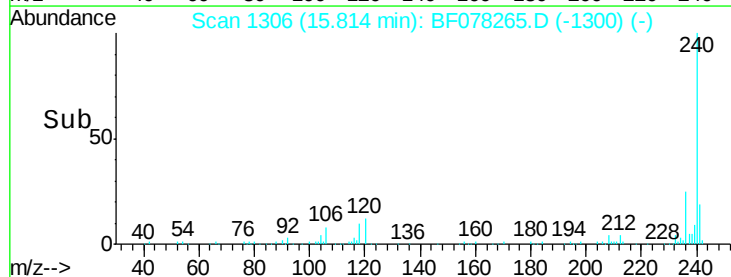
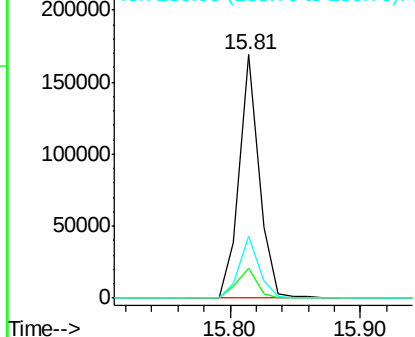


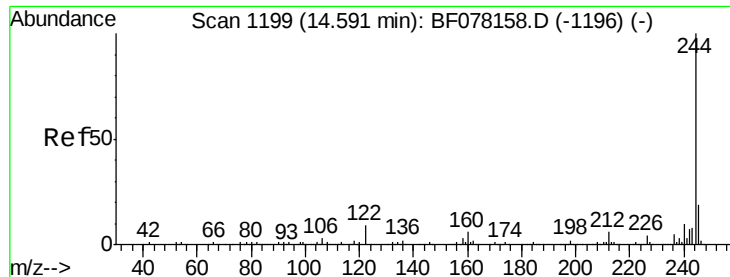
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF078265.D
Acq: 6 Apr 2015 19:10

Tgt Ion:240 Resp: 180626
Ion Ratio Lower Upper
240 100
120 12.1 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: 81.13 ng

RT: 14.55 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF078265.D

Acq: 6 Apr 2015 19:10

Instrument :

BNA_F

ClientSampleId :

MW-03

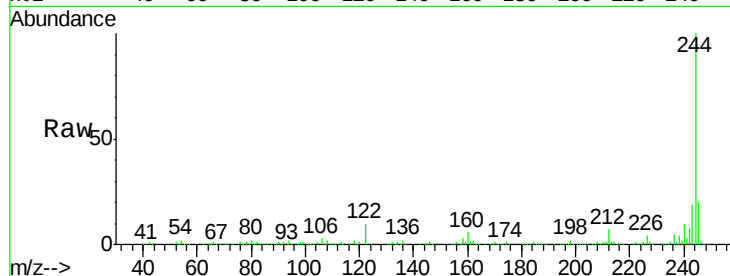
Tot Ion:244 Resp: 648496

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

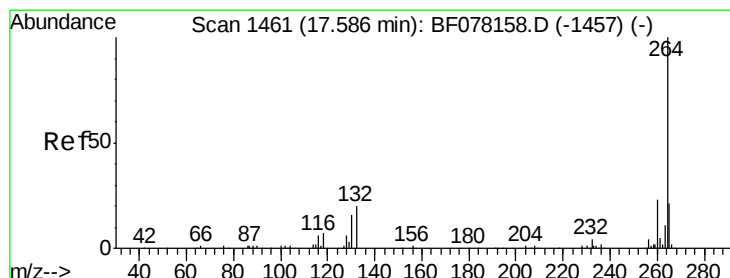
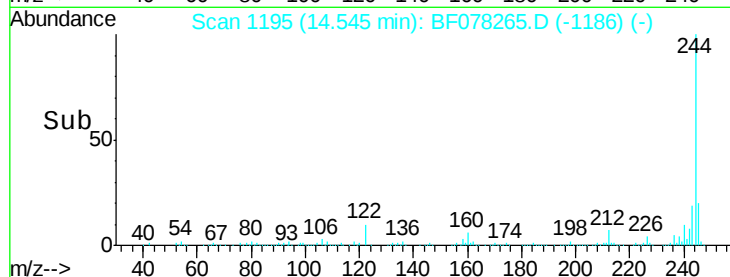
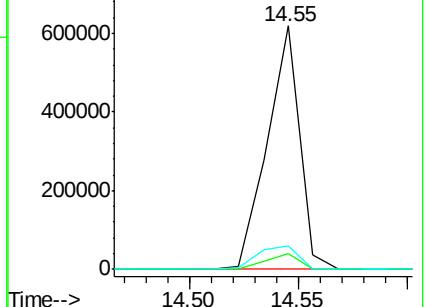
122 9.6 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.49 min Scan# 1453

Delta R.T. -0.15 min

Lab File: BF078265.D

Acq: 6 Apr 2015 19:10

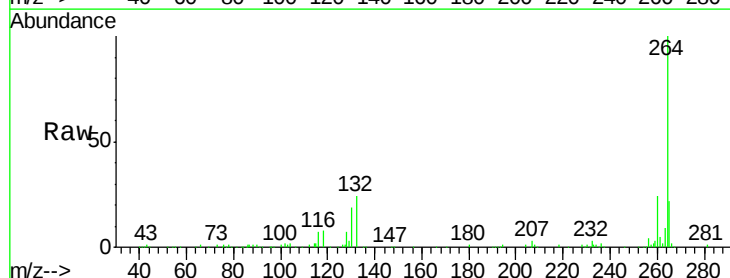
Tgt Ion:264 Resp: 170184

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.5 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

