

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078764.D
 Acq On : 23 Apr 2015 23:14
 Operator : TP/IZ
 Sample : G1950-12 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-23(0-5)

Quant Time: Apr 24 01:07:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 00:49:54 2015
 Response via : Initial Calibration

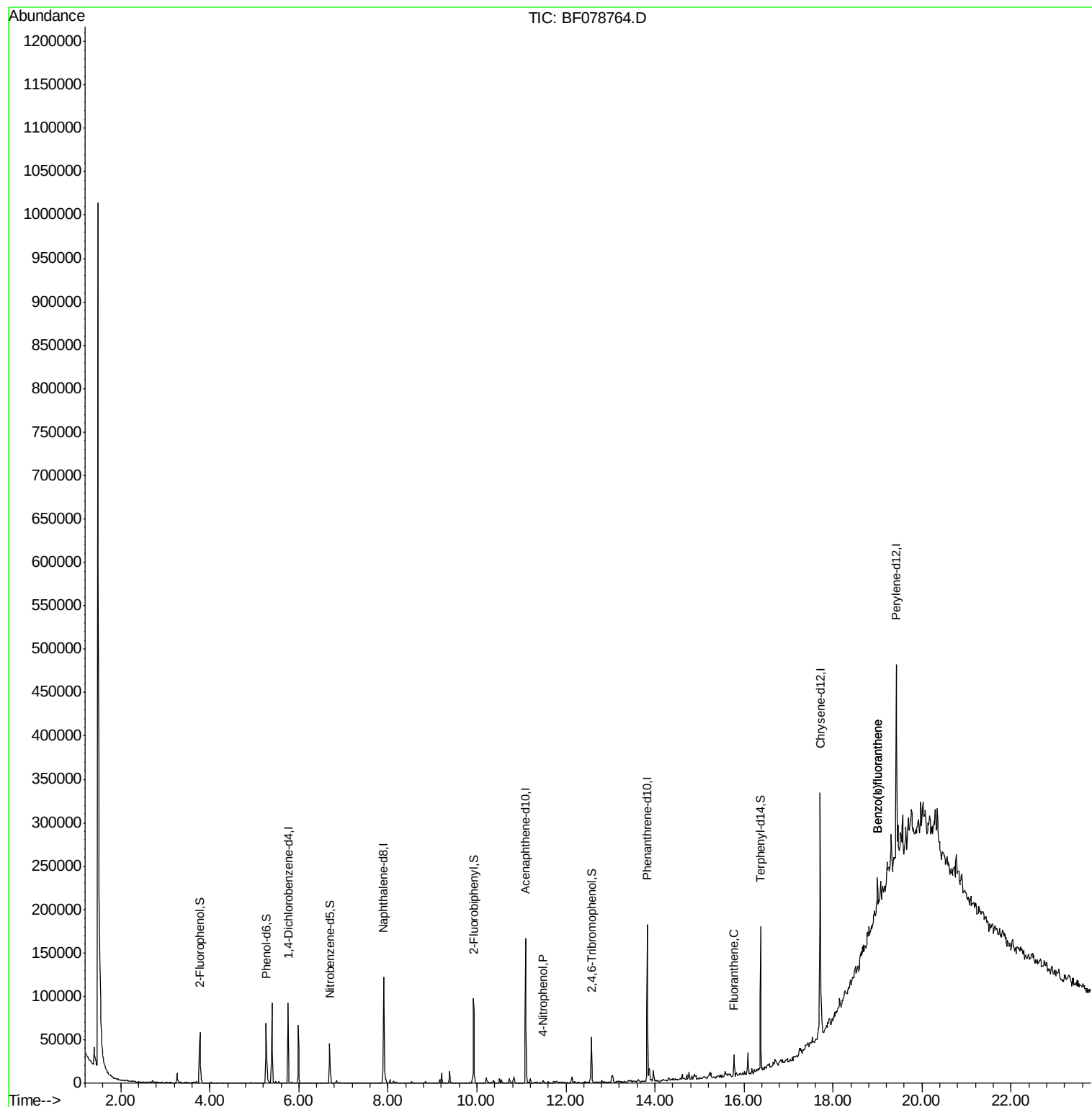
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	22936	20.00	ng	0.01
21) Naphthalene-d8	7.91	136	95213	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	47439	20.00	ng	0.00
63) Phenanthrene-d10	13.83	188	97641	20.00	ng	0.00
75) Chrysene-d12	17.71	240	109050	20.00	ng	0.00
86) Perylene-d12	19.42	264	106184	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	3.78	112	30337	21.81	ng	0.01
7) Phenol-d6	5.27	99	39248	22.51	ng	0.01
23) Nitrobenzene-d5	6.70	82	22698	14.45	ng	0.00
41) 2,4,6-Tribromophenol	12.57	330	10072	25.60	ng	0.00
44) 2-Fluorobiphenyl	9.92	172	53276	16.05	ng	-0.01
78) Terphenyl-d14	16.38	244	67646	14.02	ng	0.00
Target Compounds						Qvalue
55) 4-Nitrophenol	11.49	139	439	3.46	ng	# 18
74) Fluoranthene	15.77	202	12006	2.02	ng	96
87) Benzo(b)fluoranthene	18.99	252	16897	2.57	ng	# 81
88) Benzo(k)fluoranthene	18.99	252	20359	3.49	ng	# 84

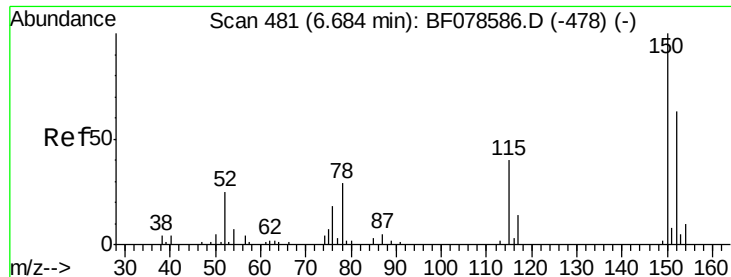
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 400

Delta R.T. 0.01 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

Instrument :

BNA_F

ClientSampleId :

PS-23(0-5)

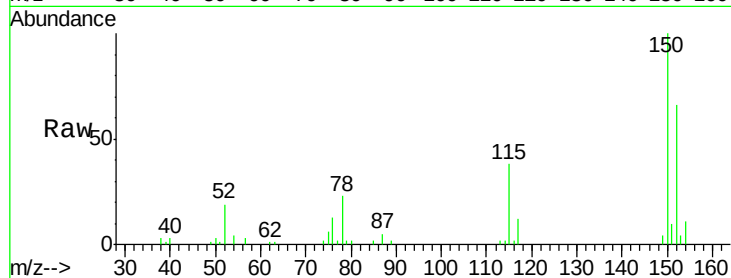
Tgt Ion:152 Resp: 22936

Ion Ratio Lower Upper

152 100

150 151.3 125.9 188.9

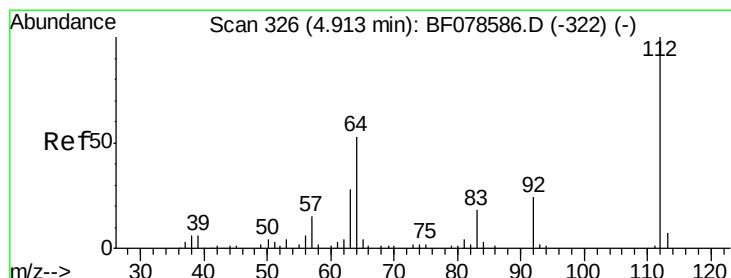
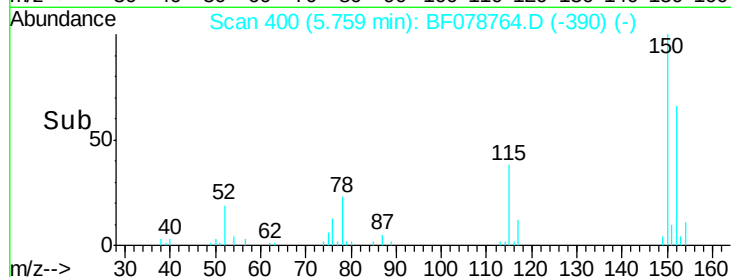
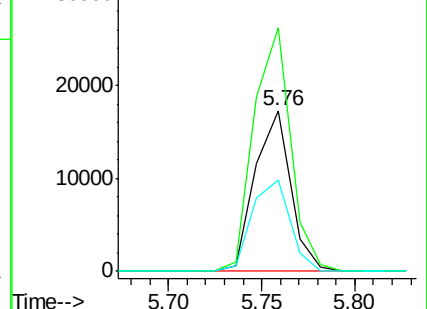
115 56.9 52.7 79.1



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: 21.81 ng

RT: 3.78 min Scan# 227

Delta R.T. 0.01 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

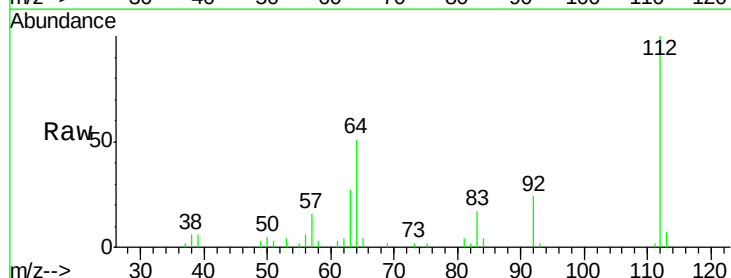
Tgt Ion:112 Resp: 30337

Ion Ratio Lower Upper

112 100

64 50.7 39.9 59.9

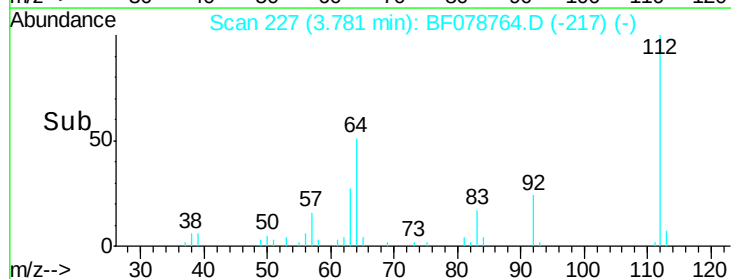
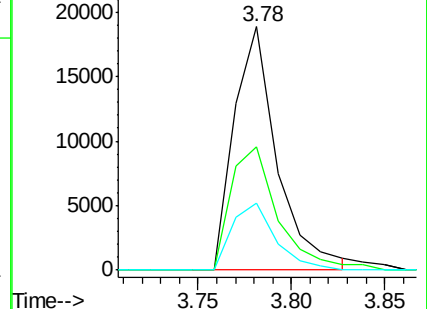
63 27.5 20.2 30.4

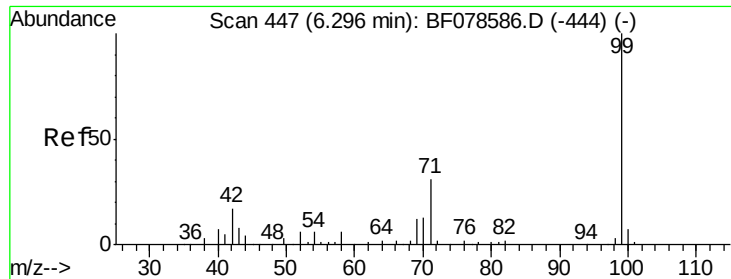


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.51 ng

RT: 5.27 min Scan# 357

Delta R.T. 0.01 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

Instrument :

BNA_F

ClientSampleId :

PS-23(0-5)

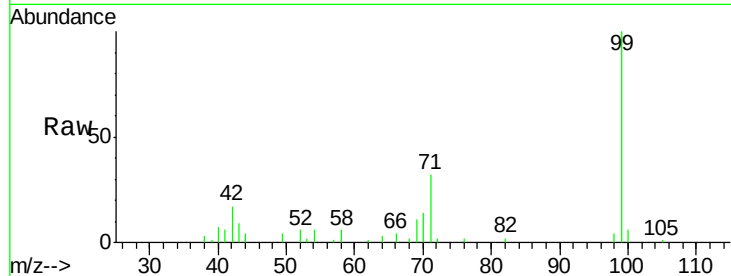
Tgt Ion: 99 Resp: 39248

Ion Ratio Lower Upper

99 100

42 16.5 14.8 22.2

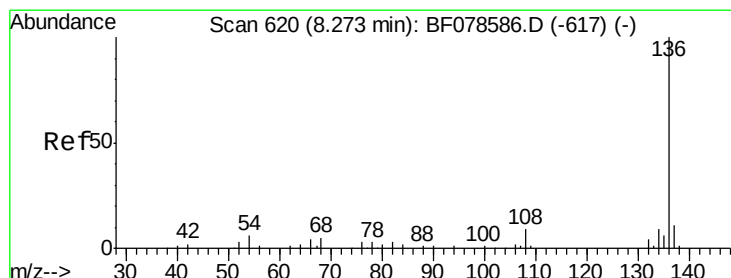
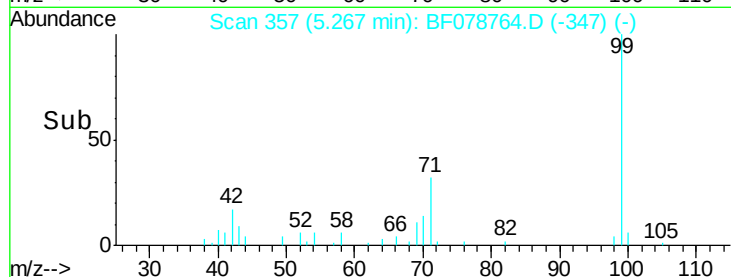
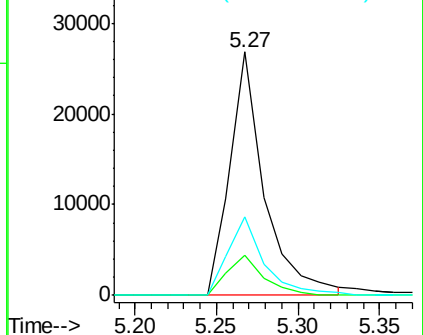
71 32.1 26.6 39.8



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: 7.91 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

Tgt Ion: 136 Resp: 95213

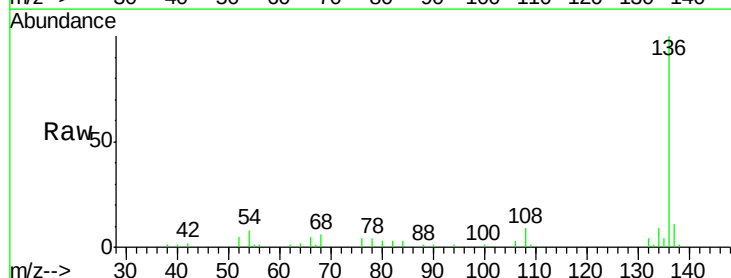
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.0 7.0 10.6

68 6.4 5.4 8.2

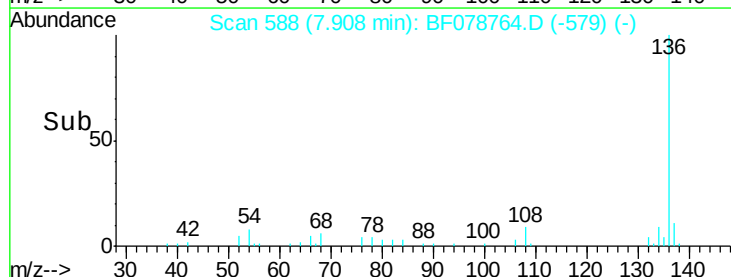
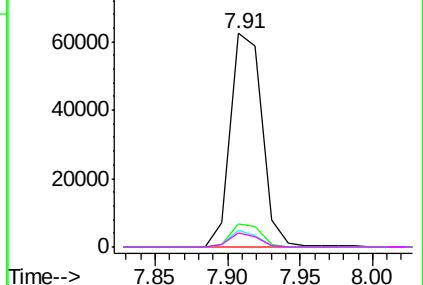


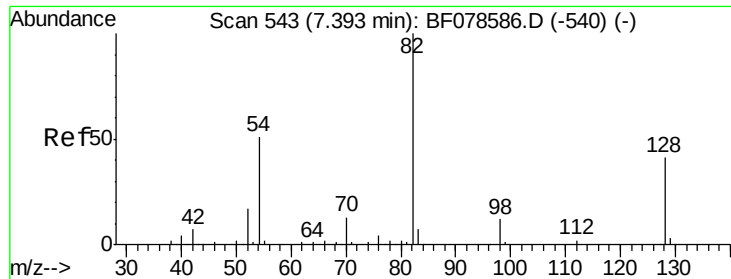
Abundance Ion 136.00 (135.70 to 136.70): E

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

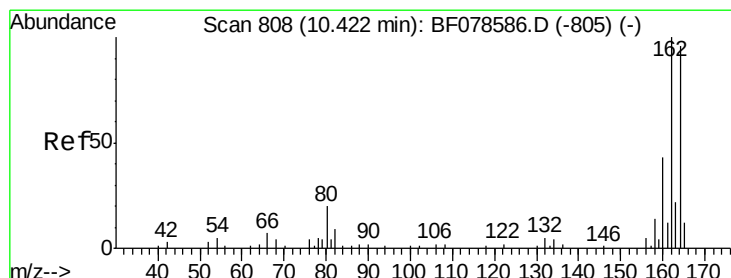
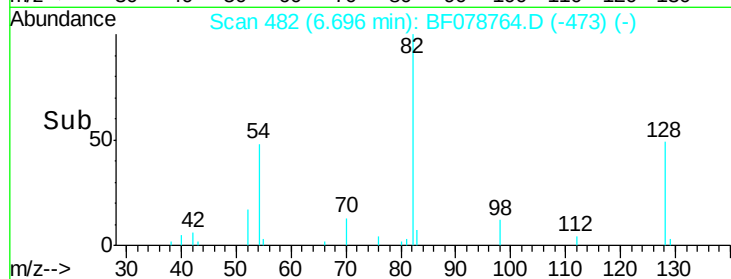
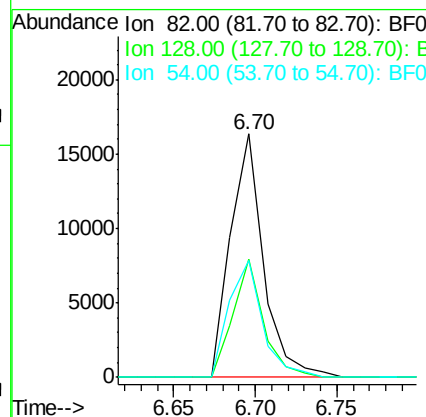
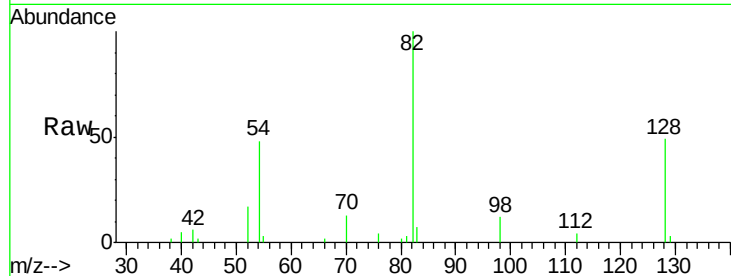




#23
 Nitrobenzene-d5
 Concen: 14.45 ng
 RT: 6.70 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF078764.D
 Acq: 23 Apr 2015 23:14

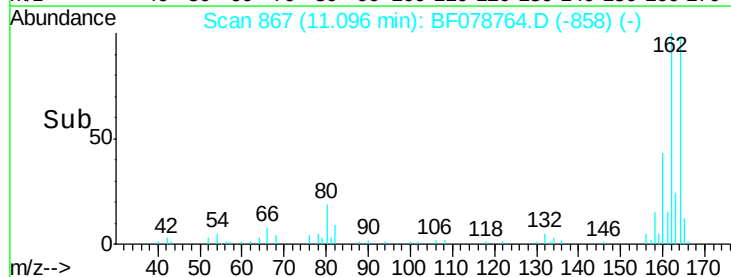
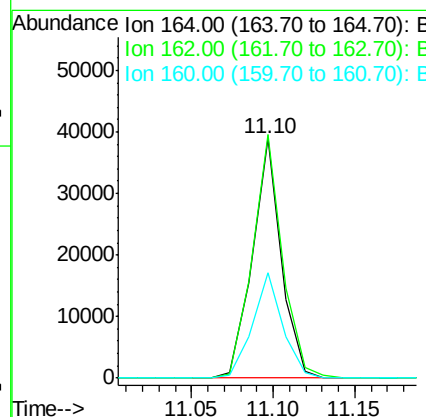
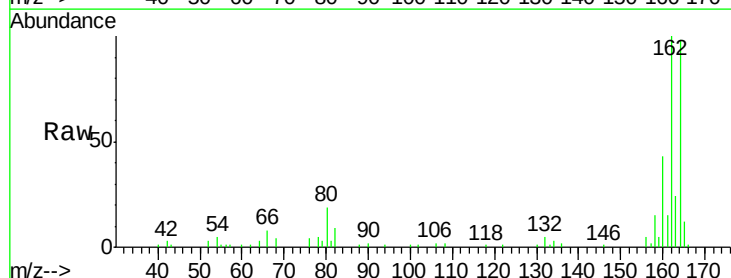
Instrument :
 BNA_F
 ClientSampleId :
 PS-23(0-5)

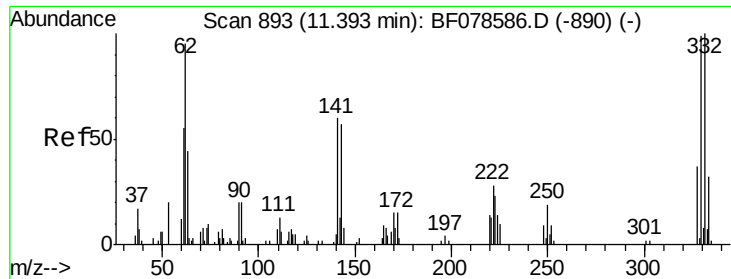
Tgt Ion: 82 Resp: 22698
 Ion Ratio Lower Upper
 82 100
 128 48.7 31.8 47.8#
 54 48.2 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078764.D
 Acq: 23 Apr 2015 23:14

Tgt Ion: 164 Resp: 47439
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.2 123.2
 160 44.2 34.7 52.1

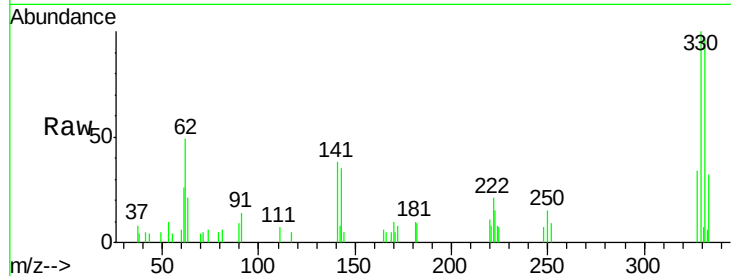




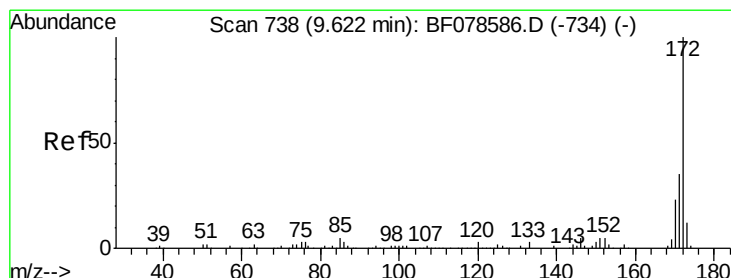
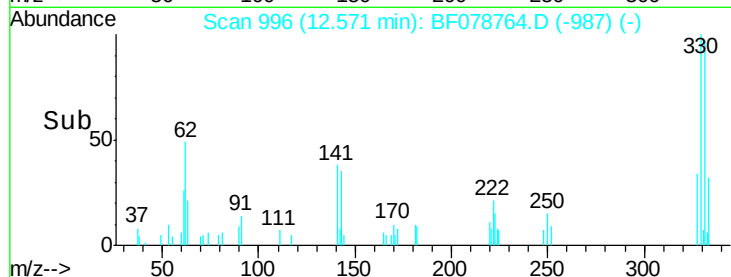
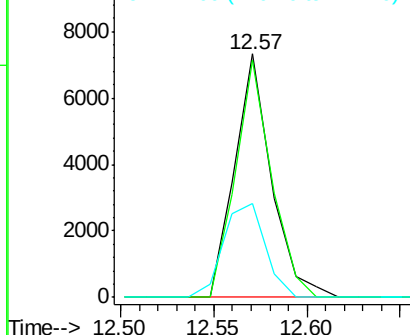
#41
 2,4,6-Tribromophenol
 Concen: 25.60 ng
 RT: 12.57 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF078764.D
 Acq: 23 Apr 2015 23:14

Instrument :
 BNA_F
 ClientSampleId :
 PS-23(0-5)

Tgt Ion:330 Resp: 10072
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.6 117.8
 141 43.8 31.2 46.8

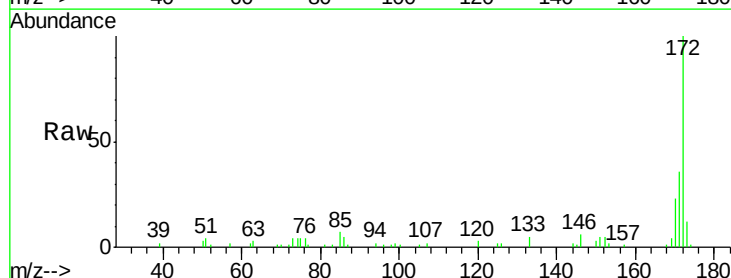


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

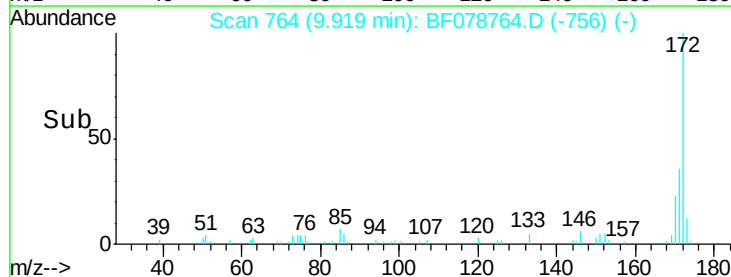
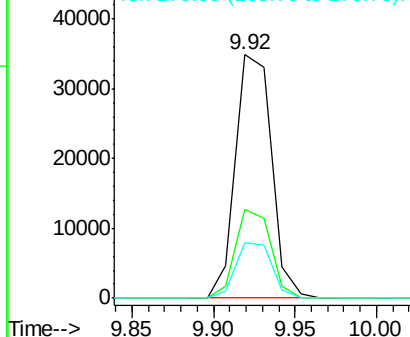


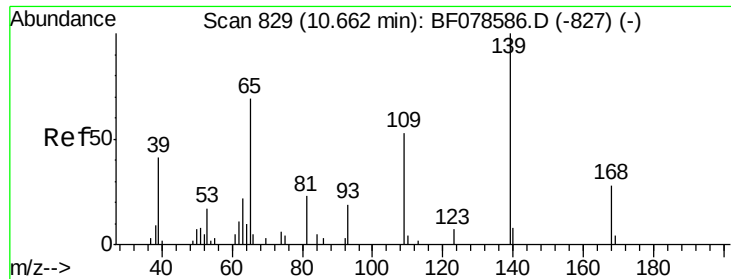
#44
 2-Fluorobiphenyl
 Concen: 16.05 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF078764.D
 Acq: 23 Apr 2015 23:14

Tgt Ion:172 Resp: 53276
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 23.0 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

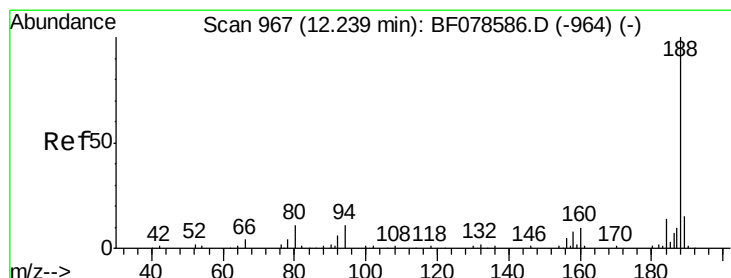
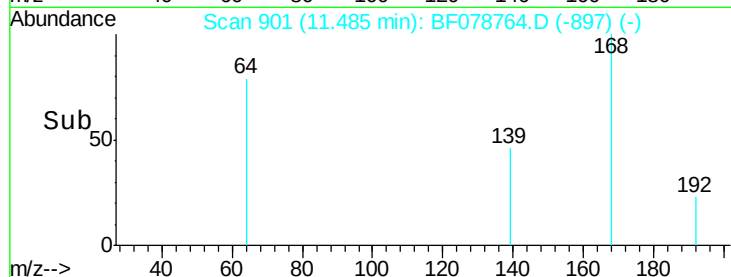
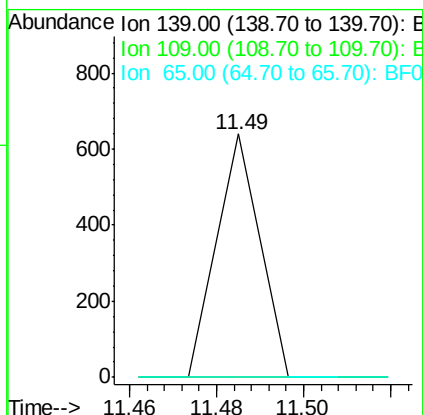
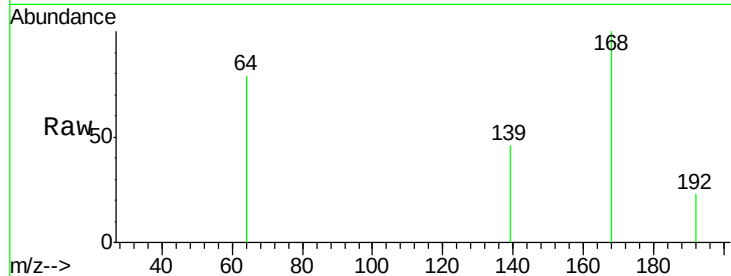




#55
4-Nitrophenol
Concen: 3.46 ng
RT: 11.49 min Scan# 901
Delta R.T. -0.06 min
Lab File: BF078764.D
Acq: 23 Apr 2015 23:14

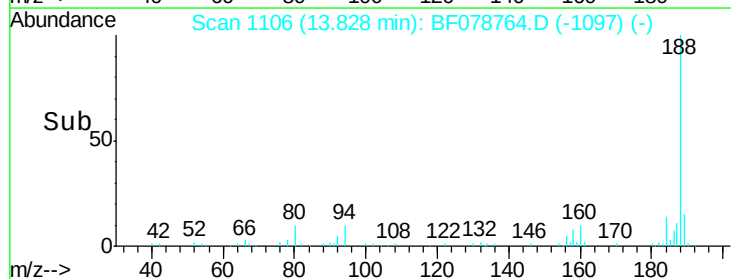
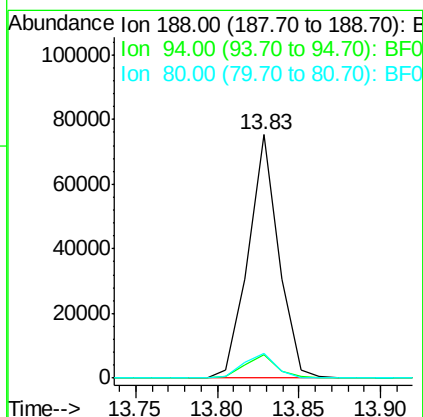
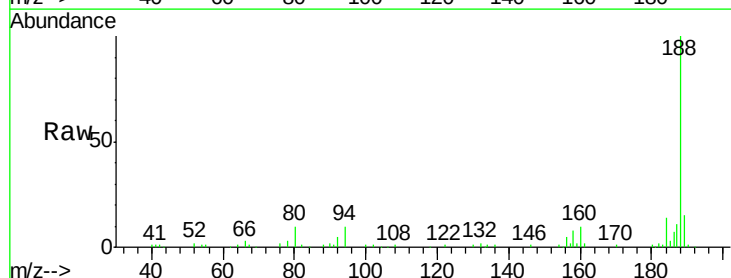
Instrument :
BNA_F
ClientSampleId :
PS-23(0-5)

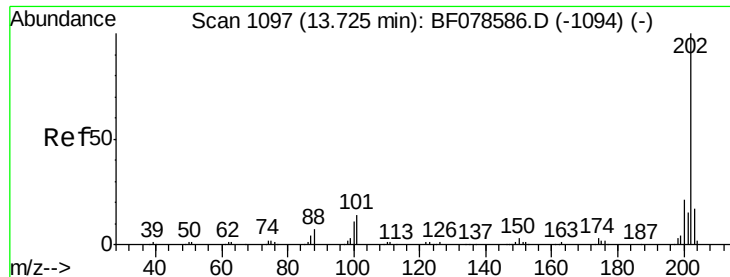
Tgt Ion:139 Resp: 439
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.83 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BF078764.D
Acq: 23 Apr 2015 23:14

Tgt Ion:188 Resp: 97641
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.4 9.5 14.3





#74

Fluoranthene

Concen: 2.02 ng

RT: 15.77 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

Instrument :

BNA_F

ClientSampleId :

PS-23(0-5)

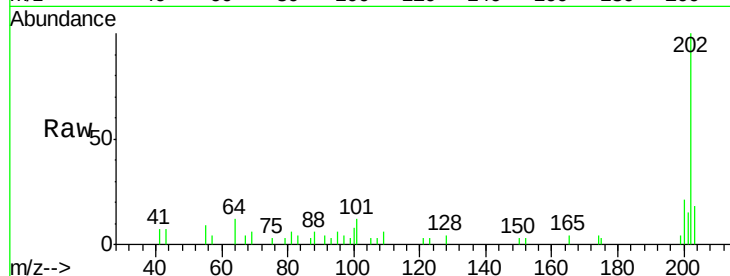
Tgt Ion:202 Resp: 12006

Ion Ratio Lower Upper

202 100

101 11.6 0.0 35.2

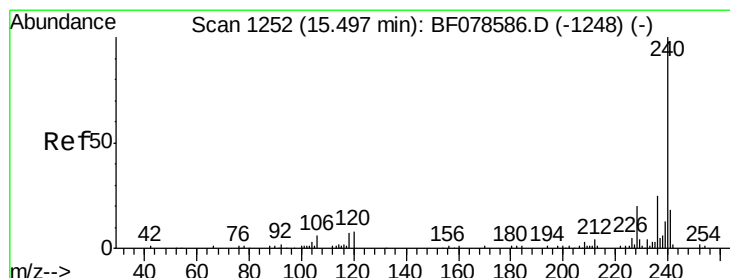
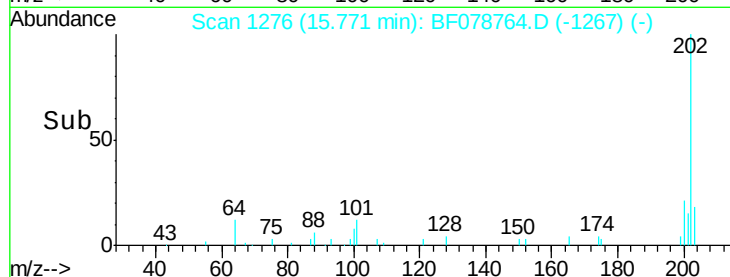
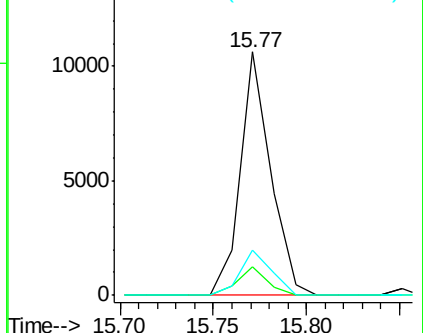
203 18.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.71 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

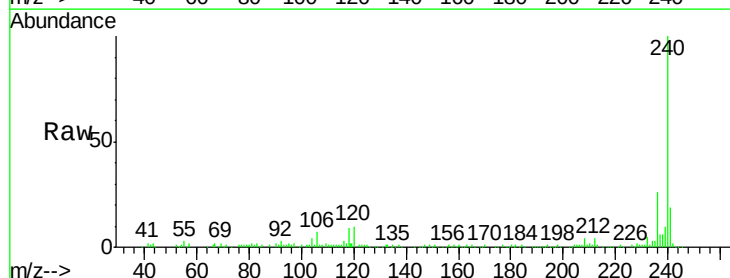
Tgt Ion:240 Resp: 109050

Ion Ratio Lower Upper

240 100

120 10.1 7.1 10.7

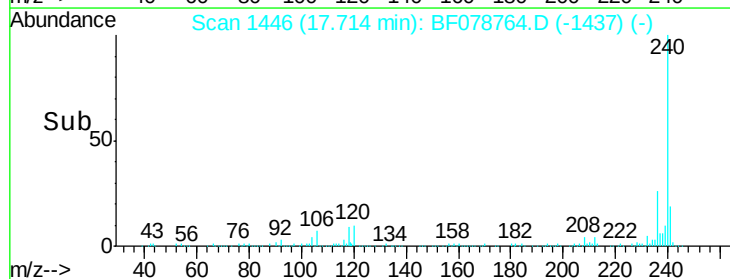
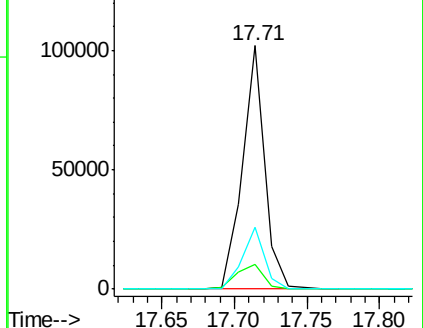
236 25.5 21.4 32.2

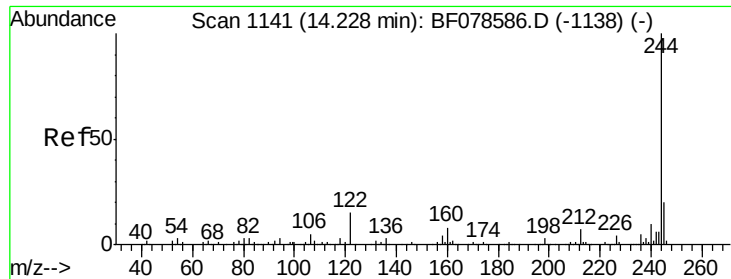


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 14.02 ng

RT: 16.38 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

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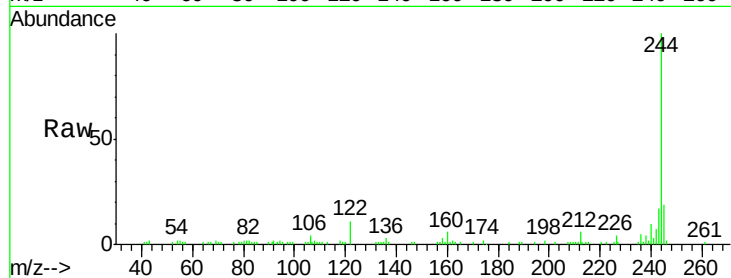
Tgt Ion:244 Resp: 67646

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 10.7 7.1 10.7#



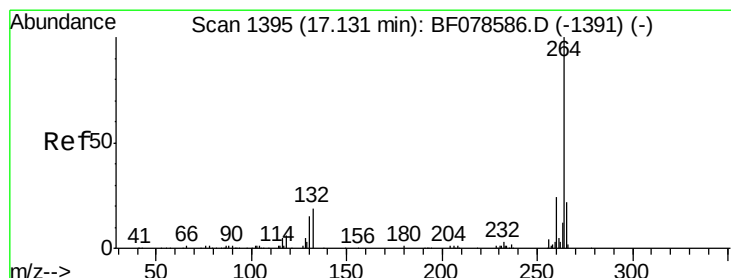
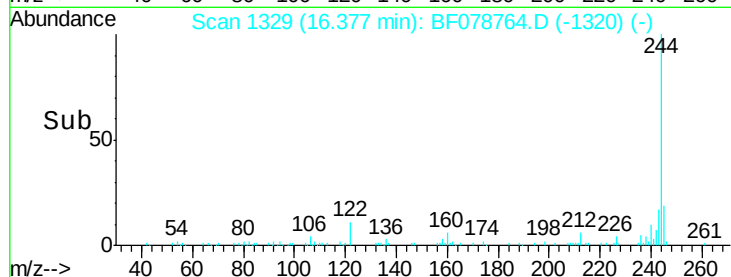
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

16.38

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.42 min Scan# 1595

Delta R.T. -0.08 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

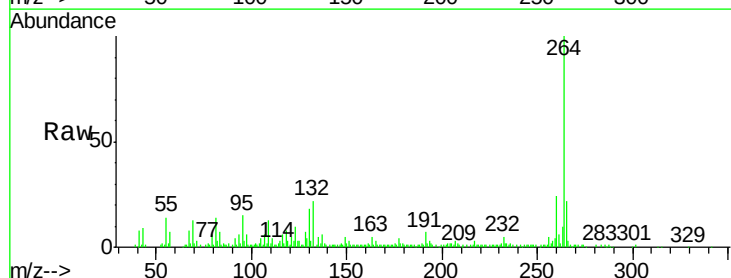
Tgt Ion:264 Resp: 106184

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.8 17.0 25.6



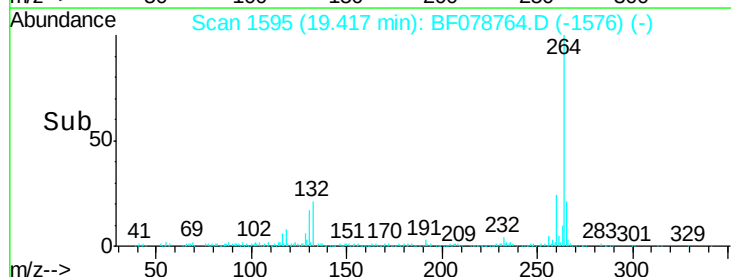
Abundance Ion 264.00 (263.70 to 264.70): E

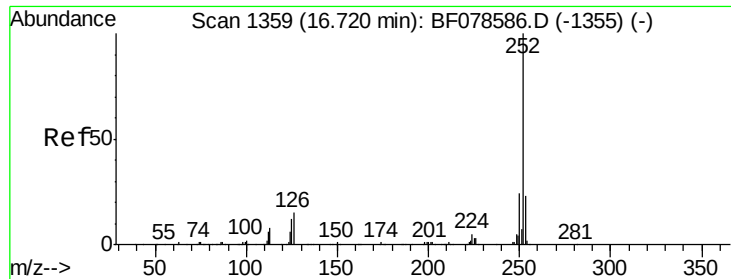
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

19.42

Time-->





#87

Benzo(b)fluoranthene

Concen: 2.57 ng

RT: 18.99 min Scan# 1558

Delta R.T. -0.06 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

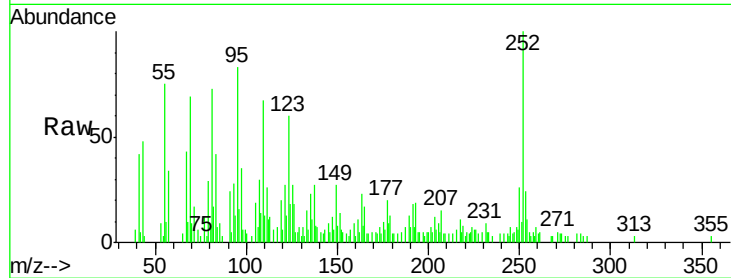
Instrument :

BNA_F

ClientSampleId :

PS-23(0-5)

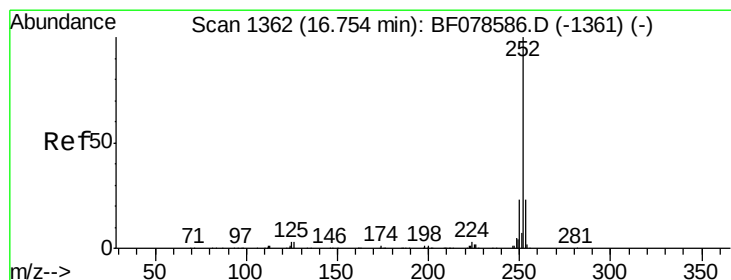
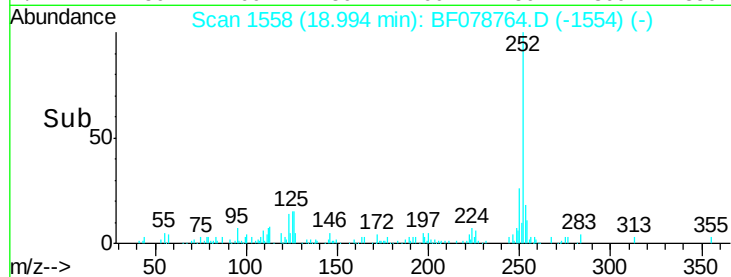
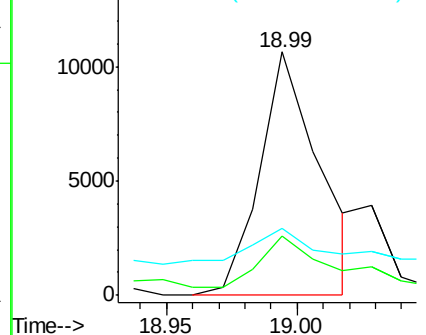
Tgt Ion:	252	Resp:	16897
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	27.4	7.0	10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.49 ng

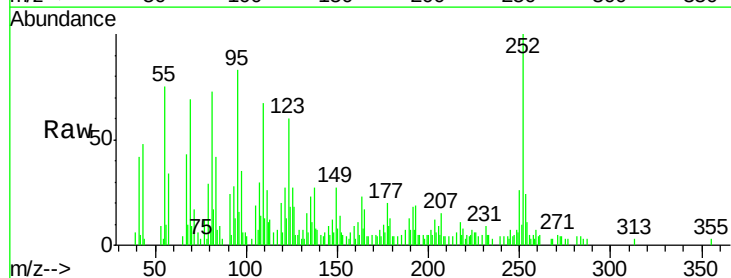
RT: 18.99 min Scan# 1558

Delta R.T. -0.09 min

Lab File: BF078764.D

Acq: 23 Apr 2015 23:14

Tgt Ion:	252	Resp:	20359
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	27.4	11.6	17.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

