

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
 Data File : BF079336.D
 Acq On : 19 May 2015 6:50
 Operator : TP/IZ
 Sample : G2270-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Quant Time: May 19 07:33:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 01:57:52 2015
 Response via : Initial Calibration

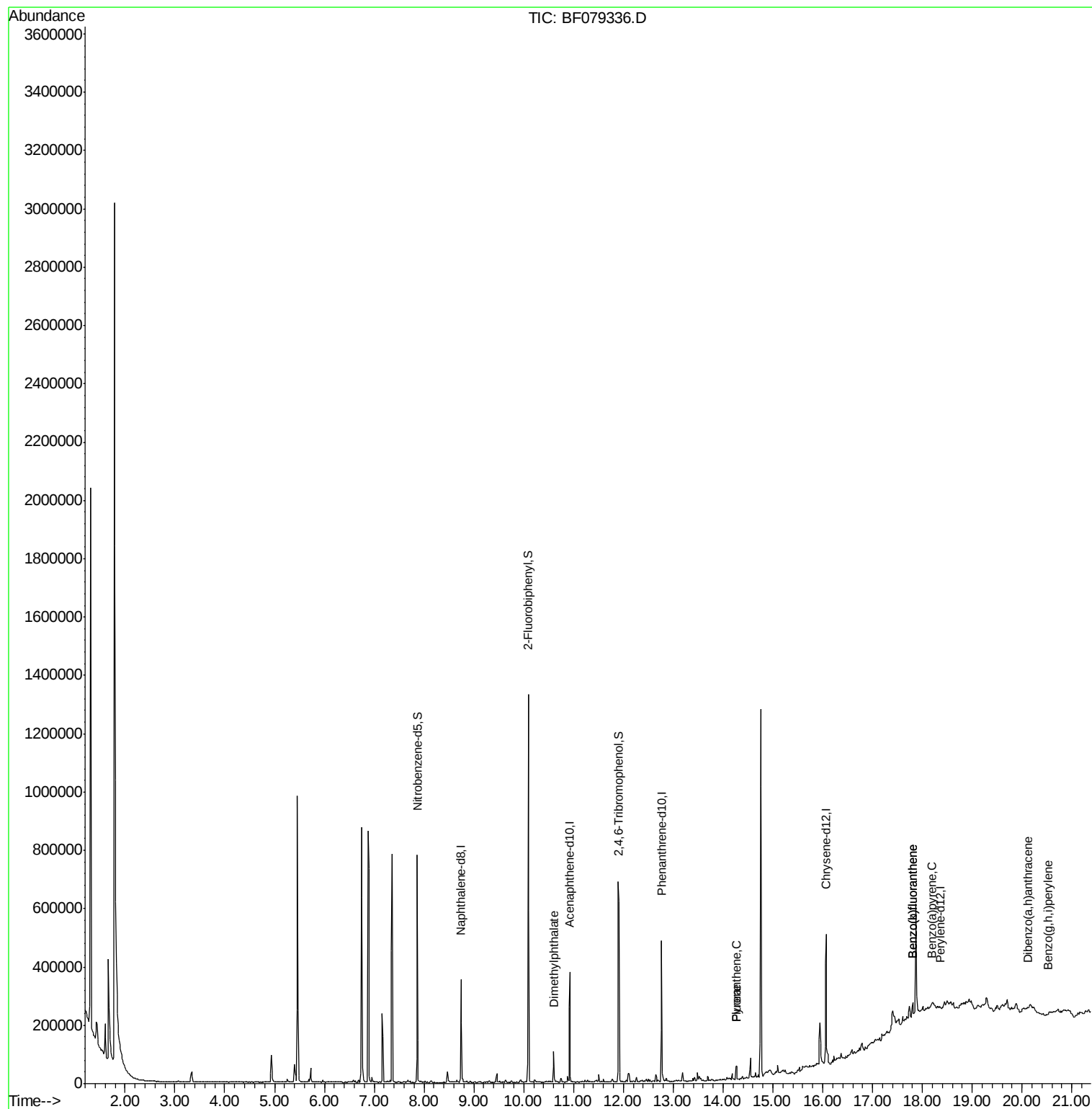
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.22
21) Naphthalene-d8	8.74	136	193020	20.00	ng	-0.06
38) Acenaphthene-d10	10.92	164	98300	20.00	ng	-0.05
63) Phenanthrene-d10	12.77	188	190785	20.00	ng	-0.06
75) Chrysene-d12	16.07	240	201827	20.00	ng	-0.43
86) Perylene-d12	18.35	264	471	20.00	ng	-0.53
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.86	82	236297	70.36	ng	-0.06
41) 2,4,6-Tribromophenol	11.91	330	126540	118.99	ng	-0.05
44) 2-Fluorobiphenyl	10.09	172	473163	67.06	ng	-0.06
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
49) Dimethylphthalate	10.60	163	51069	7.08	ng	96
74) Fluoranthene	14.27	202	27132	2.44	ng	92
77) Pyrene	14.27	202	27132	2.33	ng	98
87) Benzo(b)fluoranthene	17.81	252	27509	1067.06	ng	95
88) Benzo(k)fluoranthene	17.81	252	27454	1100.03	ng	# 90
89) Benzo(a)pyrene	18.19	252	1494	62.94	ng	# 1
90) Dibenzo(a,h)anthracene	20.11	278	1037	41.10	ng	# 1
91) Benzo(g,h,i)perylene	20.51	276	457	18.07	ng	# 1

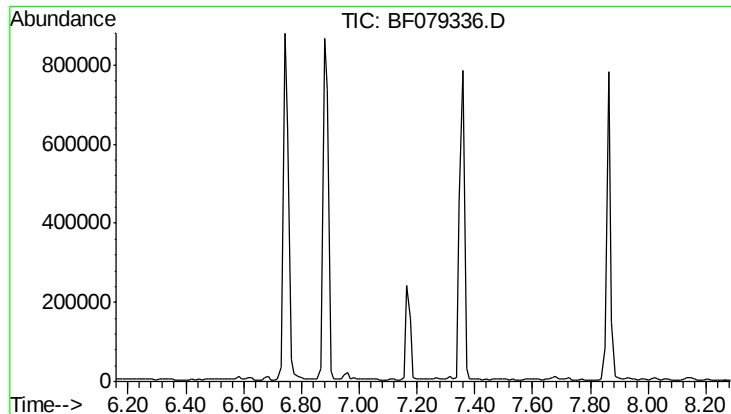
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.22 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Instrument :

BNA_F

ClientSampleId :

SB-10

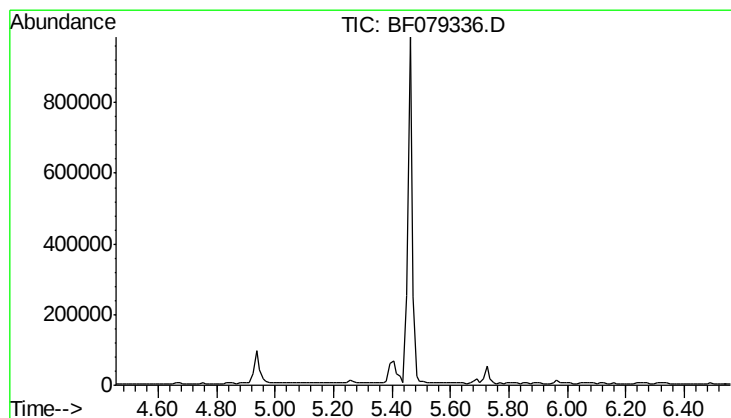
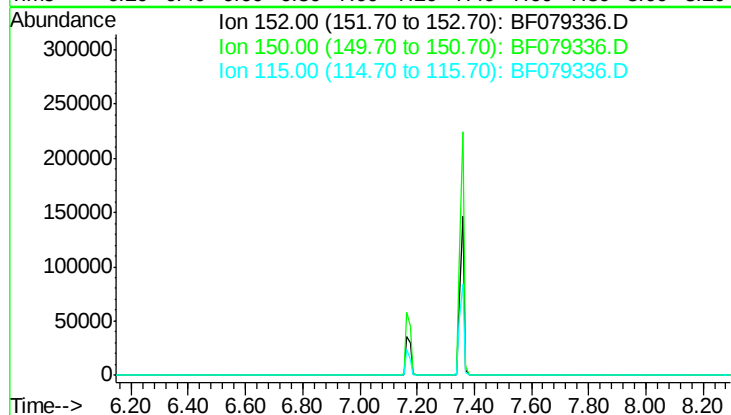
Tgt Ion: 152

Sig Exp Ratio

152 100

150 154.8

115 61.7



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.51 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

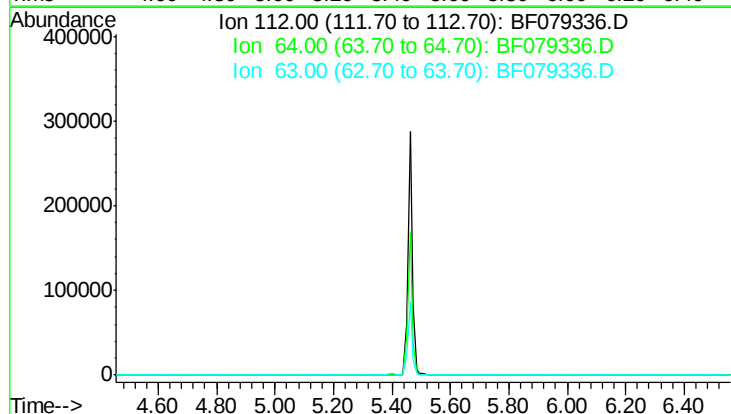
Tgt Ion: 112

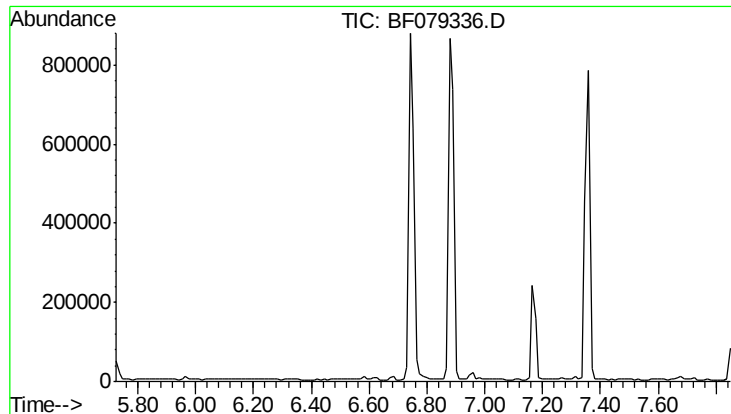
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.79 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Instrument :

BNA_F

ClientSampleId :

SB-10

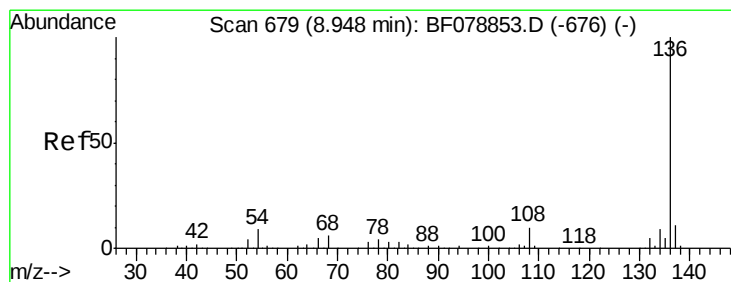
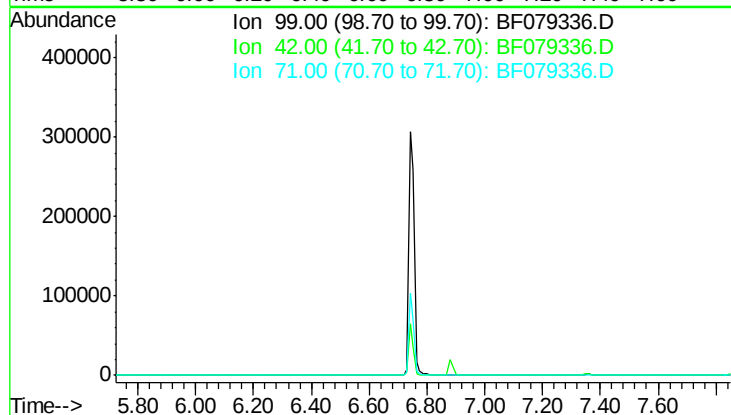
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Tgt Ion:136 Resp: 193020

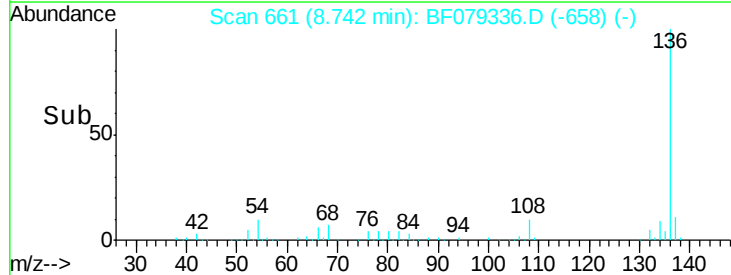
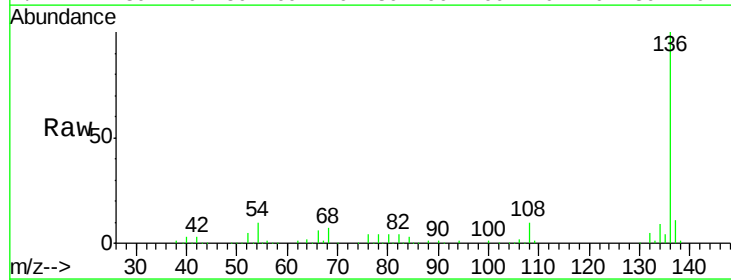
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.7 6.9 10.3

68 6.7 4.9 7.3

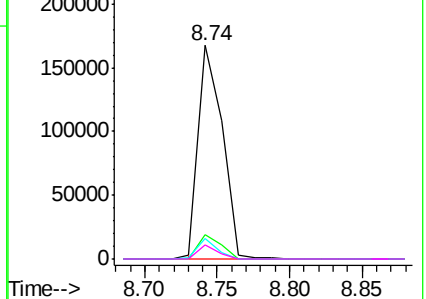


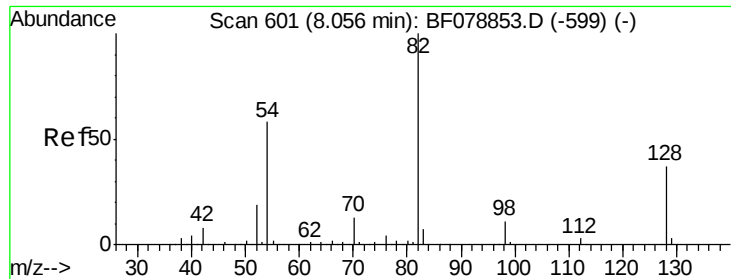
Abundance Ion 136.00 (135.70 to 136.70): E

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

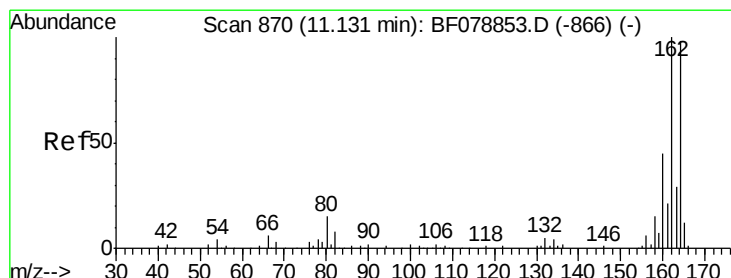
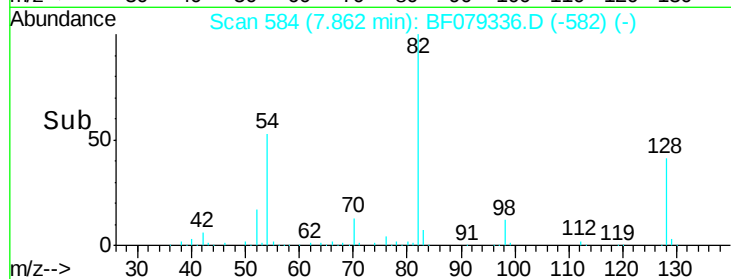
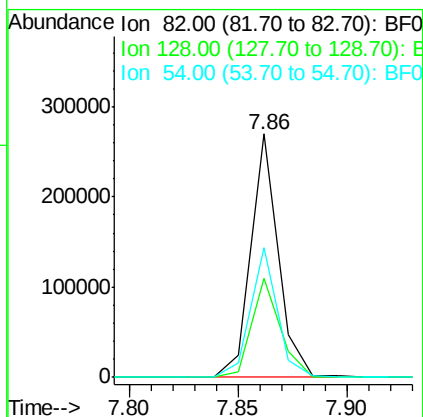
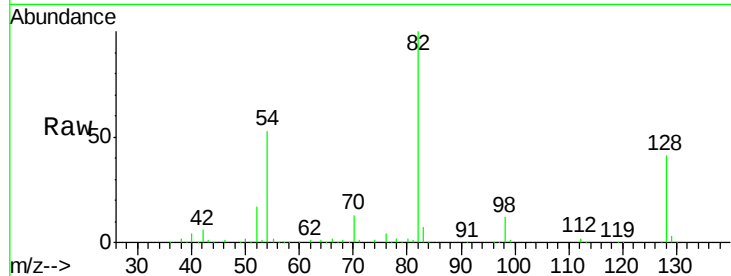




#23
 Nitrobenzene-d5
 Concen: 70.36 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.06 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

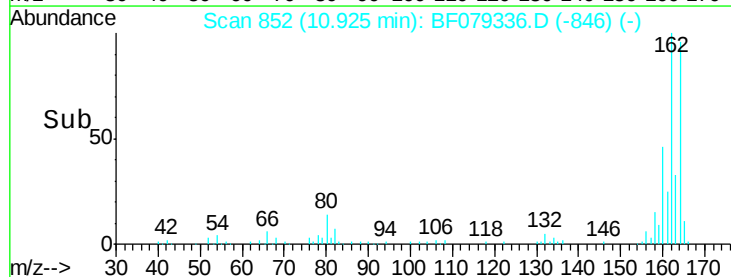
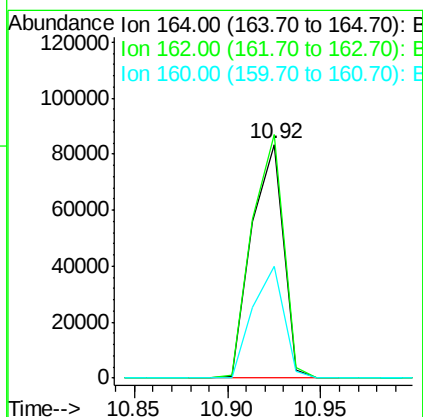
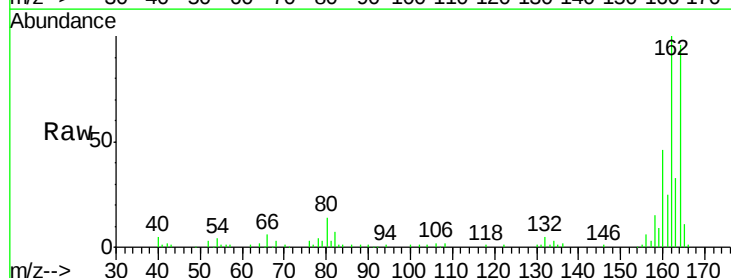
Instrument :
 BNA_F
 ClientSampleId :
 SB-10

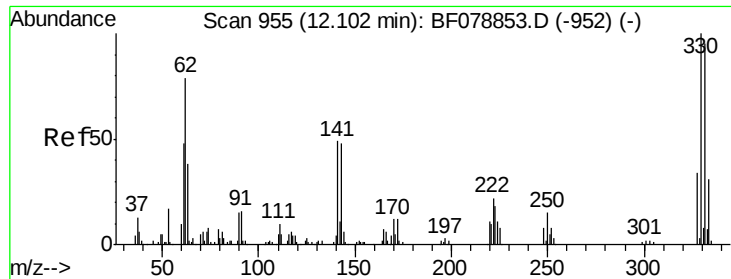
Tgt Ion: 82 Resp: 236297
 Ion Ratio Lower Upper
 82 100
 128 40.8 29.7 44.5
 54 53.1 46.2 69.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. -0.05 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Tgt Ion: 164 Resp: 98300
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.4 122.0
 160 47.7 36.6 54.8

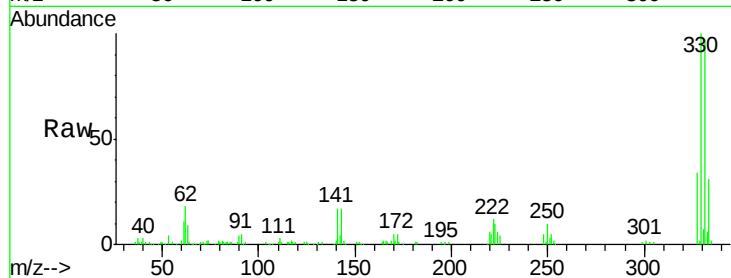




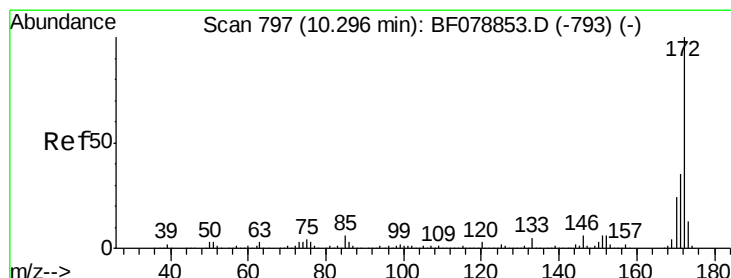
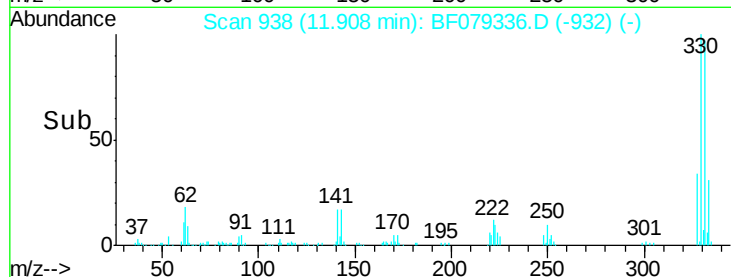
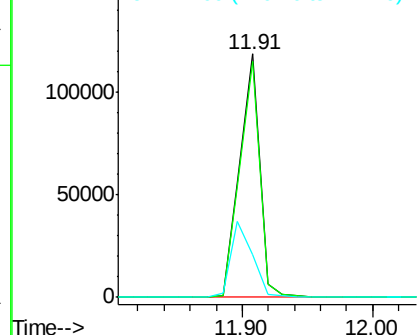
#41
 2,4,6-Tribromophenol
 Concen: 118.99 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.05 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tgt Ion:330 Resp: 126540
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.9 115.3
 141 33.2 27.8 41.8

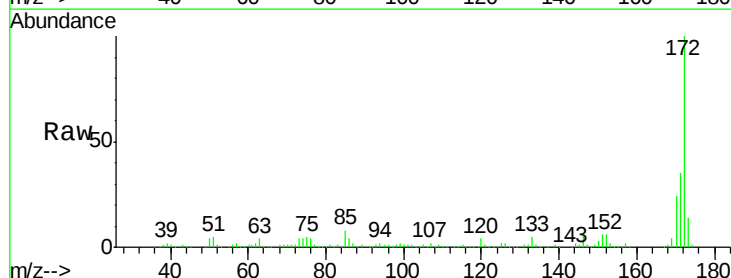


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

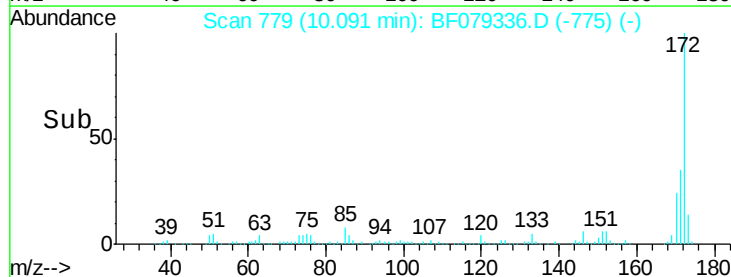
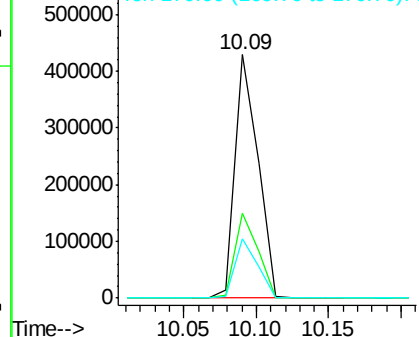


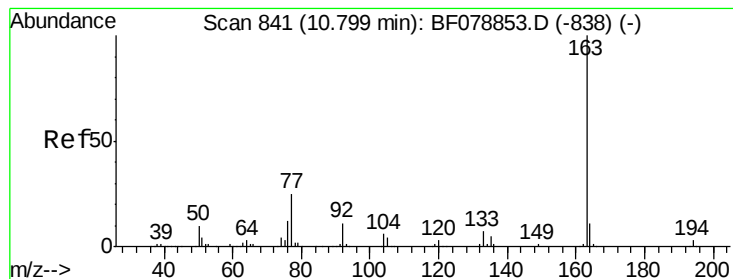
#44
 2-Fluorobiphenyl
 Concen: 67.06 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.06 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Tgt Ion:172 Resp: 473163
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 24.1 19.4 29.2



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





#49

Dimethylphthalate

Concen: 7.08 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.06 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Instrument :

BNA_F

ClientSampleId :

SB-10

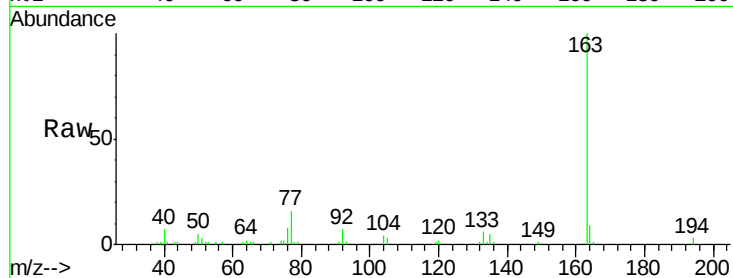
Tgt Ion:163 Resp: 51069

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

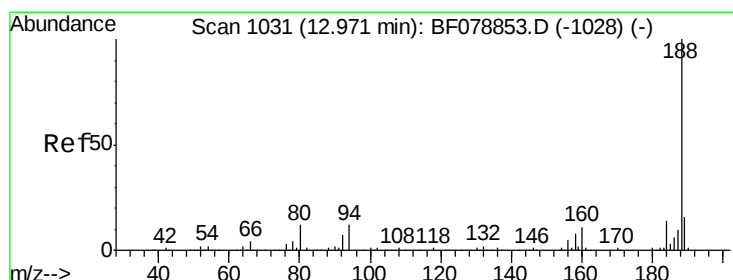
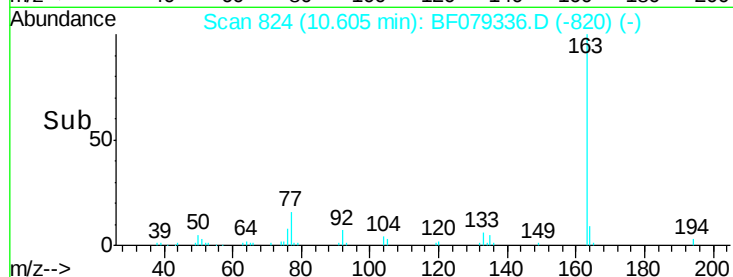
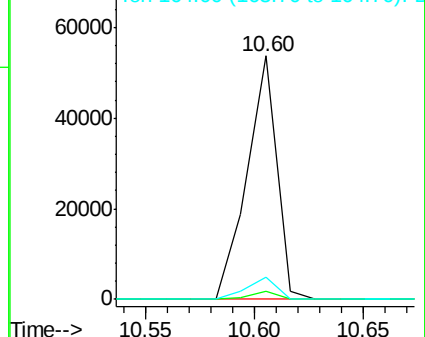
164 8.9 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

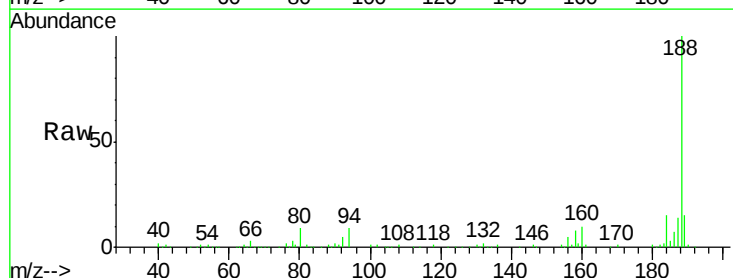
Tgt Ion:188 Resp: 190785

Ion Ratio Lower Upper

188 100

94 8.7 9.4 14.0#

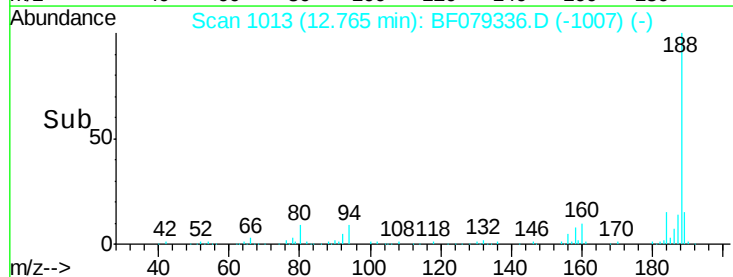
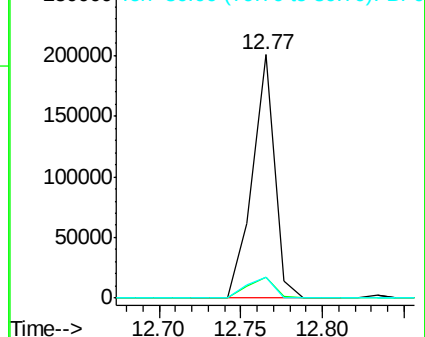
80 8.6 9.8 14.6#

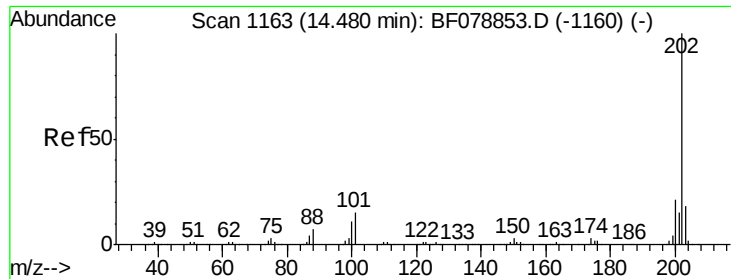


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

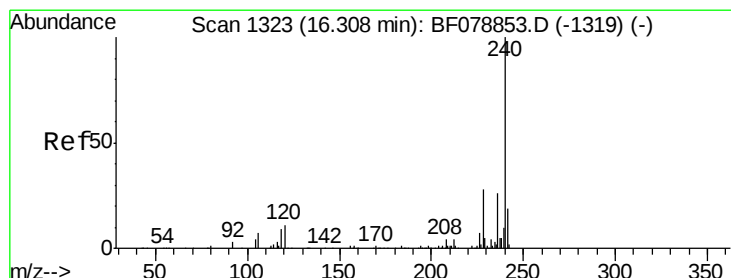
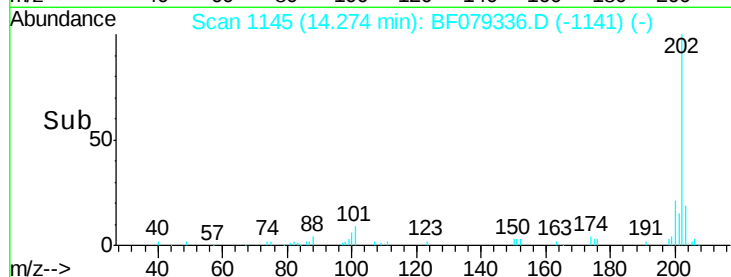
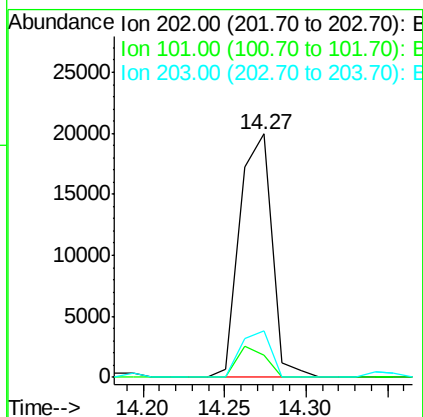
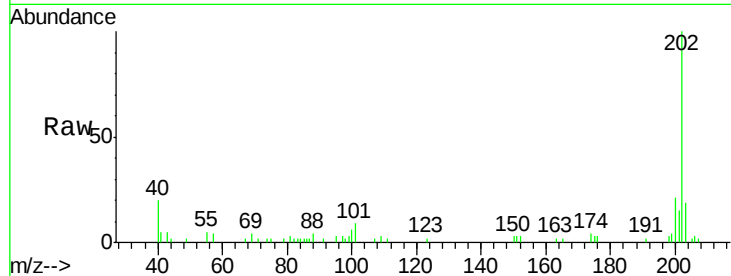




#74
 Fluoranthene
 Concen: 2.44 ng
 RT: 14.27 min Scan# 1145
 Delta R.T. -0.10 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

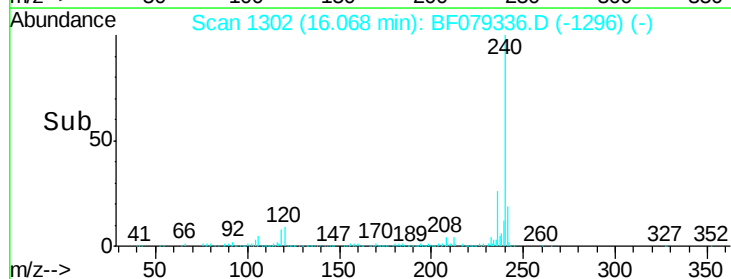
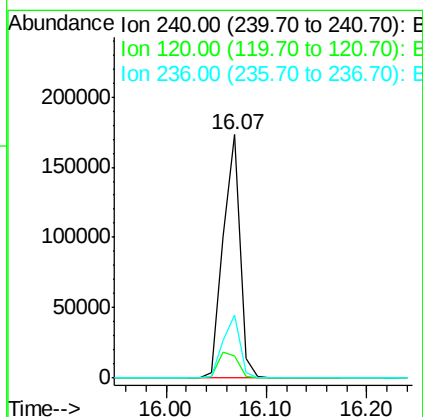
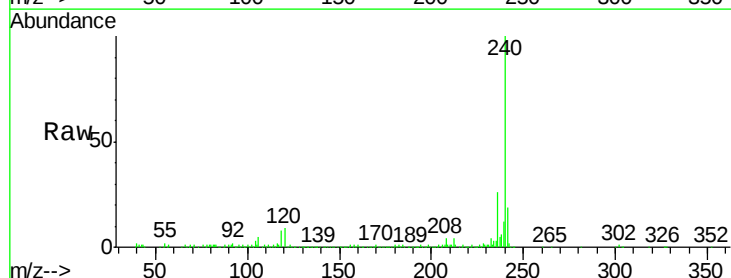
Instrument :
 BNA_F
 ClientSampled :
 SB-10

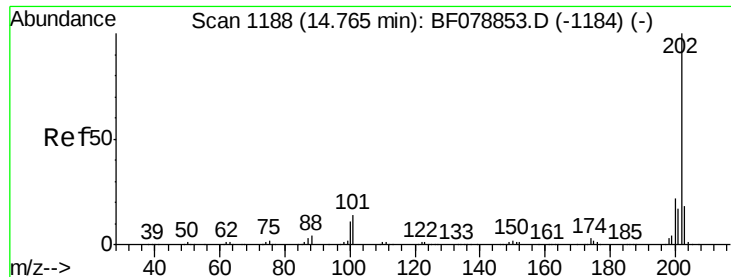
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.7
203	19.3	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 1302
 Delta R.T. -0.43 min
 Lab File: BF079336.D
 Acq: 19 May 2015 6:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.6	12.8
236	26.1	21.0	31.6





#77

Pyrene

Concen: 2.33 ng

RT: 14.27 min Scan# 1145

Delta R.T. -0.41 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Instrument :

BNA_F

ClientSampleId :

SB-10

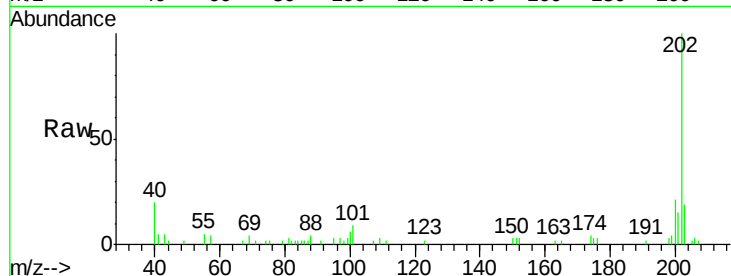
Tgt Ion: 202 Resp: 27132

Ion Ratio Lower Upper

202 100

200 21.1 17.5 26.3

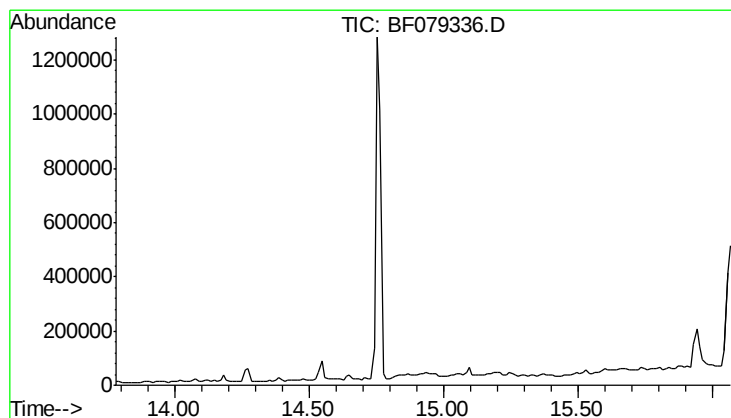
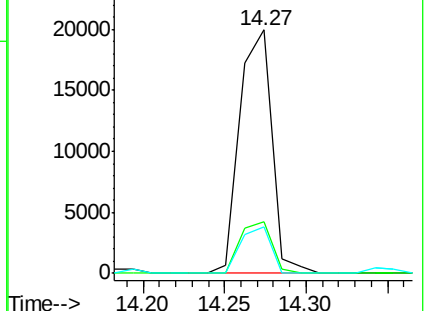
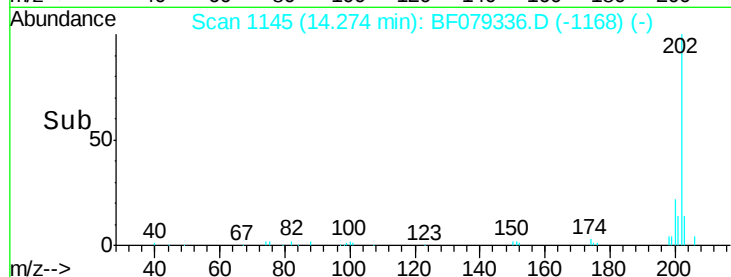
203 19.3 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 14.93 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

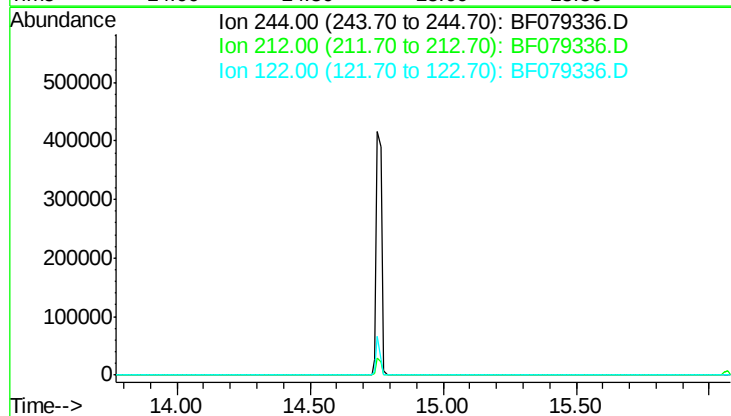
Tgt Ion: 244

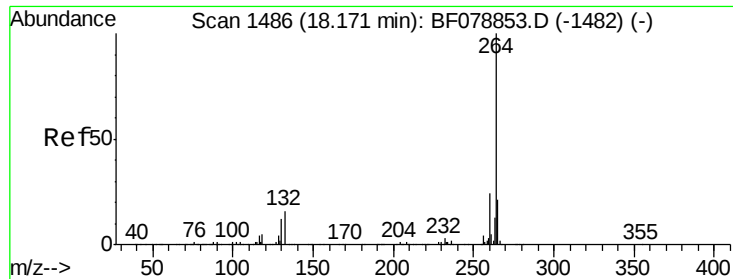
Sig Exp Ratio

244 100

212 7.0

122 13.1

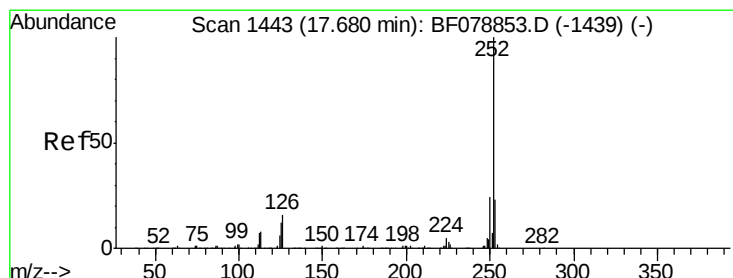
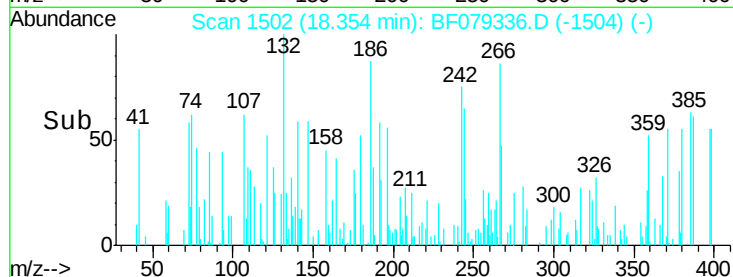
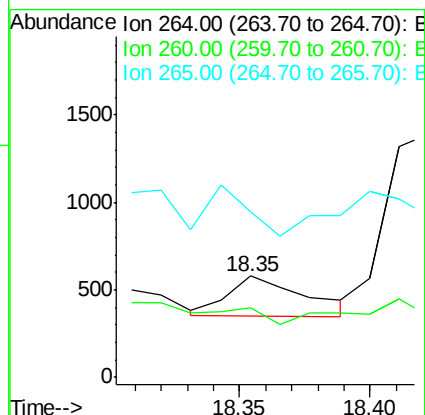
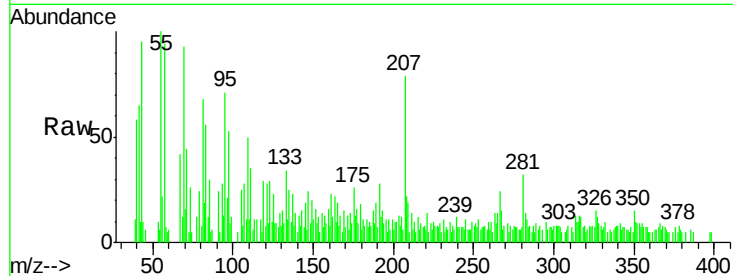




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 1502
Delta R.T. -0.53 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

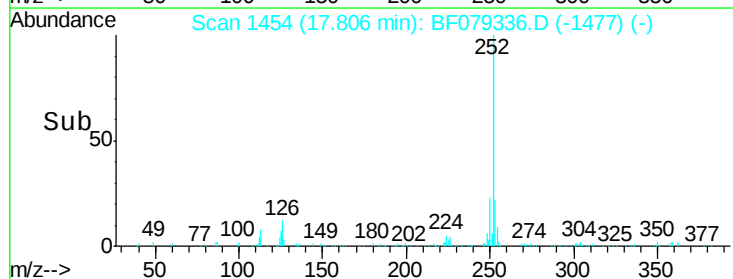
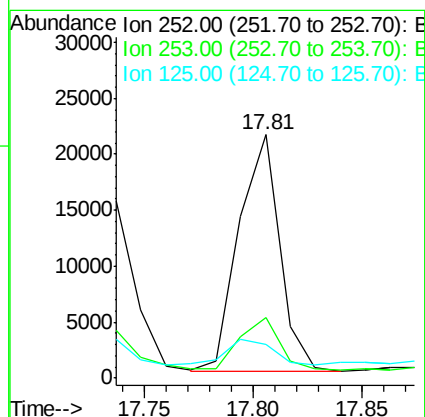
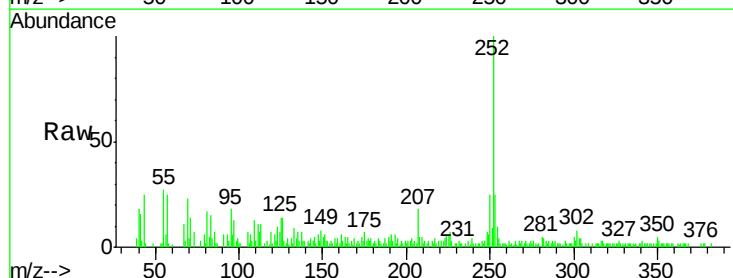
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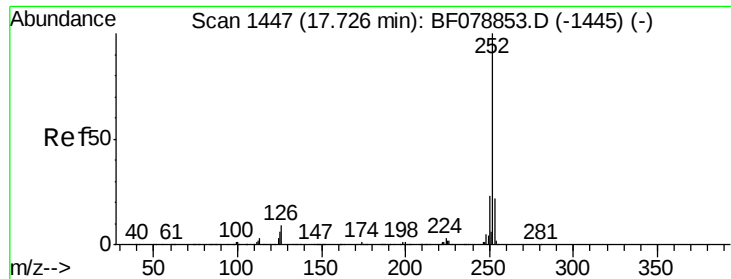
Tgt Ion: 264 Resp: 471
Ion Ratio Lower Upper
264 100
260 69.0 19.2 28.8#
265 164.5 17.2 25.8#



#87
Benzo(b)fluoranthene
Concen: 1067.06 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.45 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

Tgt Ion: 252 Resp: 27509
Ion Ratio Lower Upper
252 100
253 24.9 18.1 27.1
125 13.9 9.4 14.2

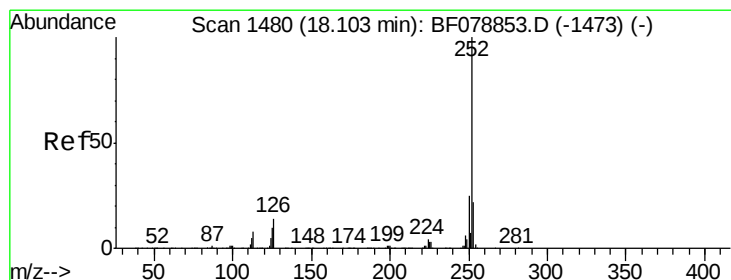
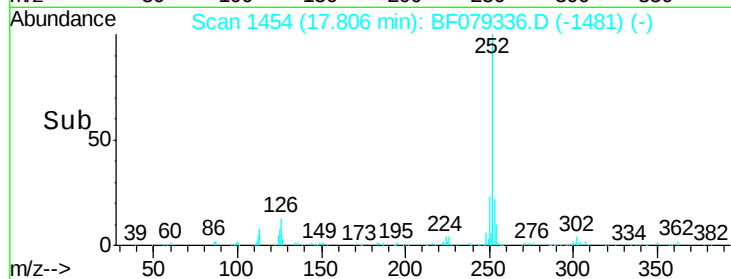
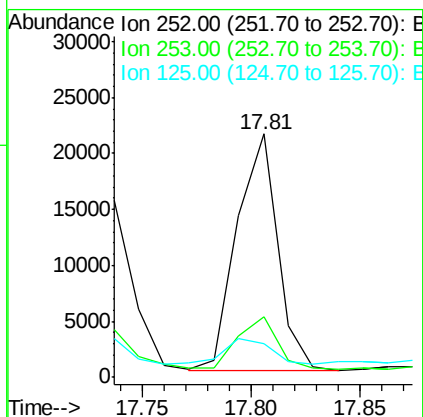
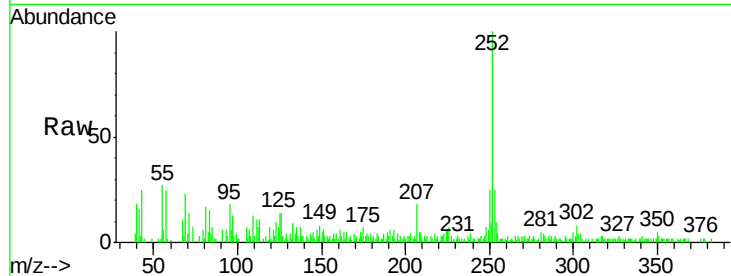




#88
Benzo(k)fluoranthene
Concen: 1100.03 ng
RT: 17.81 min Scan# 1454
Delta R.T. -0.49 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

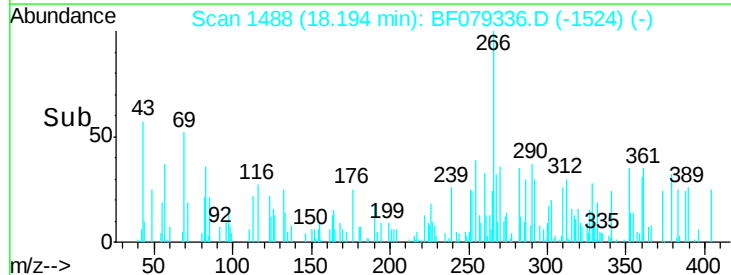
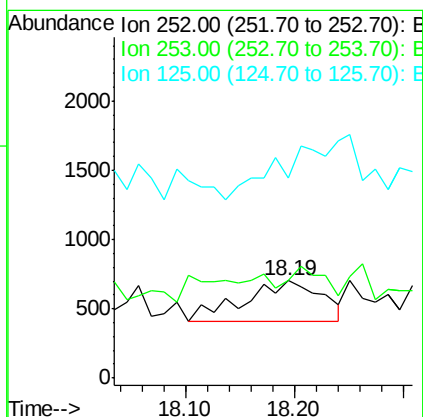
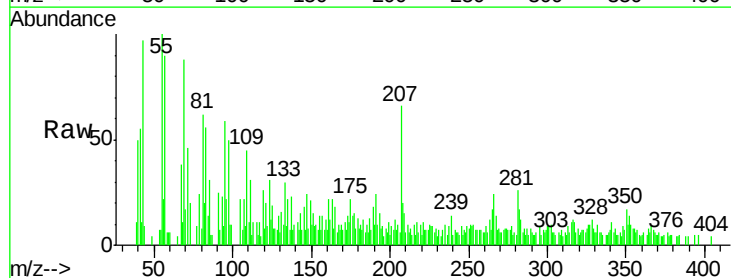
Instrument :
BNA_F
ClientSampled :
SB-10

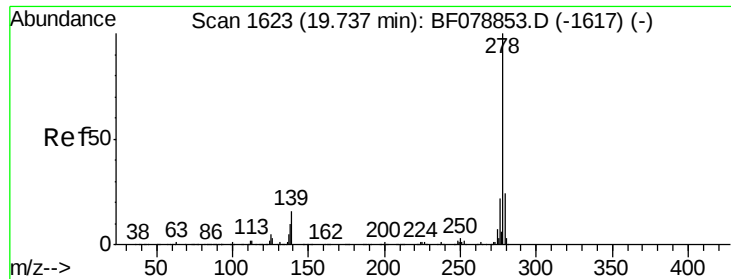
Tgt Ion: 252 Resp: 27454
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.0
125 13.9 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 62.94 ng
RT: 18.19 min Scan# 1488
Delta R.T. -0.59 min
Lab File: BF079336.D
Acq: 19 May 2015 6:50

Tgt Ion: 252 Resp: 1494
Ion Ratio Lower Upper
252 100
253 100.4 18.0 27.0#
125 204.5 8.2 12.2#





#90

Dibenzo(a,h)anthracene

Concen: 41.10 ng

RT: 20.11 min Scan# 1656

Delta R.T. -0.57 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

Instrument :

BNA_F

ClientSampleId :

SB-10

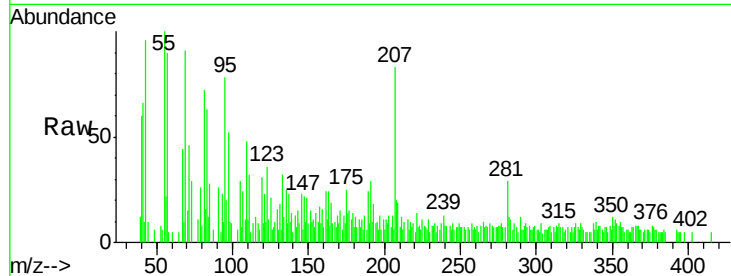
Tgt Ion:278 Resp: 1037

Ion Ratio Lower Upper

278 100

139 197.6 13.1 19.7#

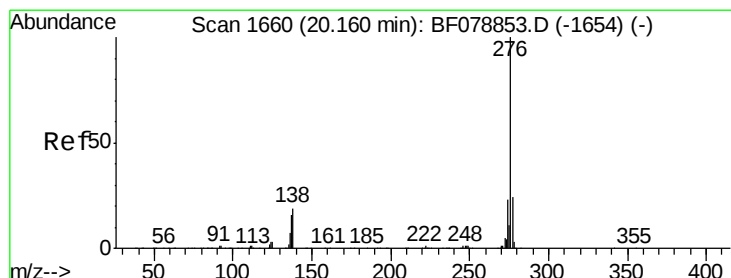
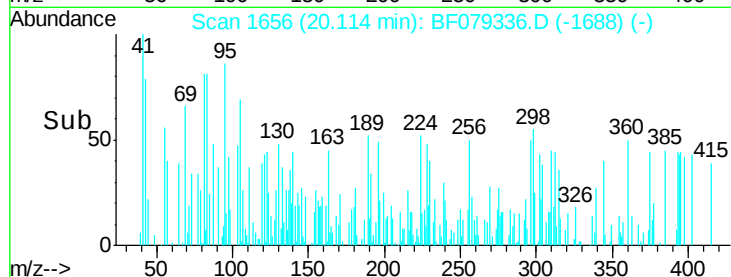
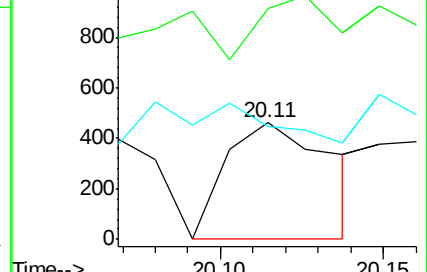
279 96.5 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 18.07 ng

RT: 20.51 min Scan# 1691

Delta R.T. -0.57 min

Lab File: BF079336.D

Acq: 19 May 2015 6:50

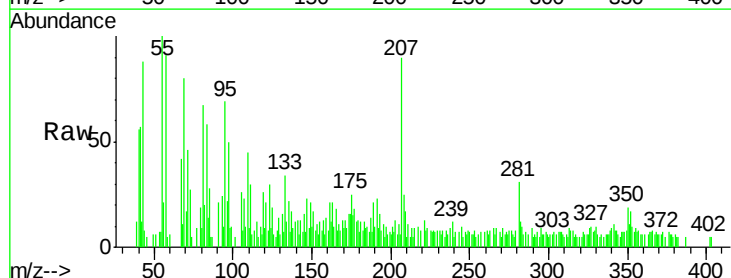
Tgt Ion:276 Resp: 457

Ion Ratio Lower Upper

276 100

277 84.0 18.8 28.2#

138 120.9 15.2 22.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

