

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079904.D
 Acq On : 11 Jun 2015 19:35
 Operator : TP/IZ
 Sample : G2533-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Jun 12 04:29:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

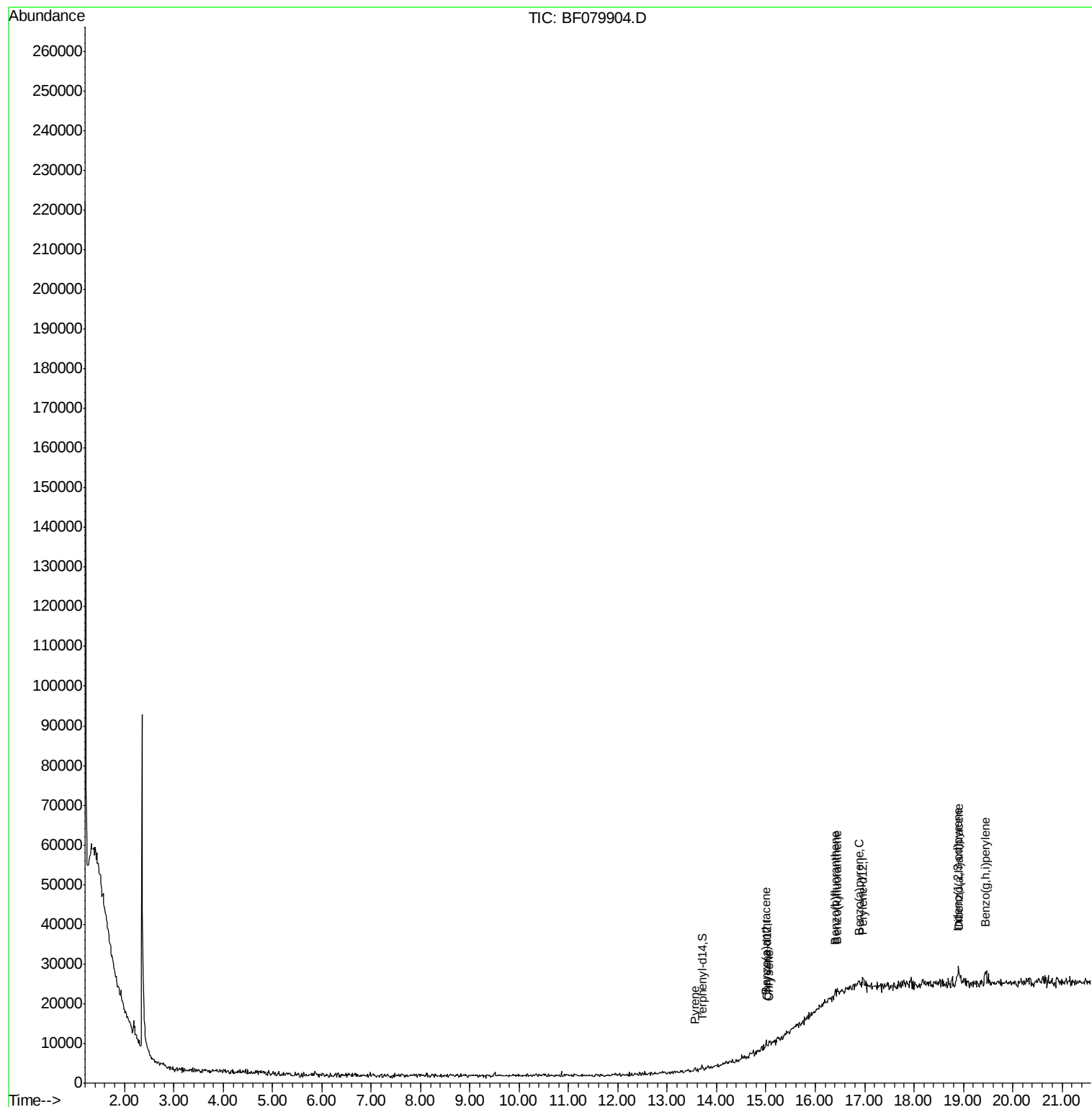
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.39
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.68
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.46
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.98
75) Chrysene-d12	15.02	240	955	20.00	ng	0.02
86) Perylene-d12	16.97	264	2611	20.00	ng	0.05
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	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	13.70	244	630	14.99	ng	0.01
Target Compounds						
77) Pyrene	13.55	202	329	5.56	ng	# 57
80) Benzo(a)anthracene	15.01	228	603	10.63	ng	# 51
82) Chrysene	15.05	228	328	6.16	ng	# 49
85) Indeno(1,2,3-cd)pyrene	18.88	276	6591	116.13	ng	# 53
87) Benzo(b)fluoranthene	16.41	252	1484	9.56	ng	# 60
88) Benzo(k)fluoranthene	16.45	252	2195	13.59	ng	# 60
89) Benzo(a)pyrene	16.88	252	2475	16.88	ng	# 60
90) Dibenzo(a,h)anthracene	18.91	278	5309	39.15	ng	# 85
91) Benzo(g,h,i)perylene	19.45	276	6057	42.24	ng	# 90

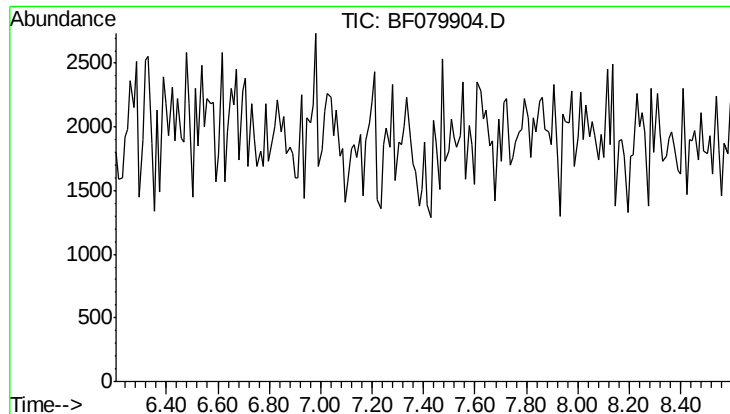
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.39 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

MW-3

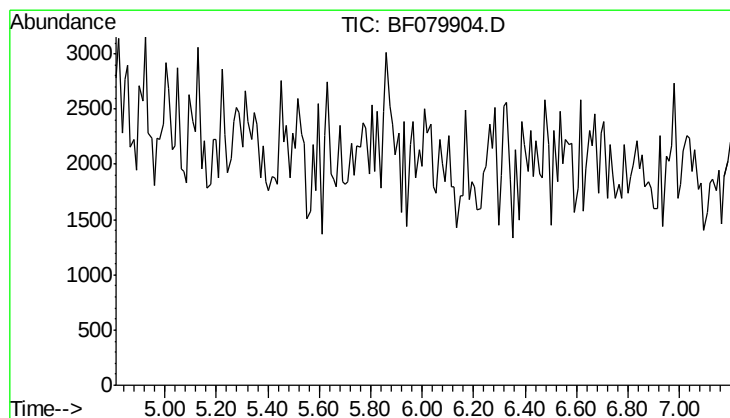
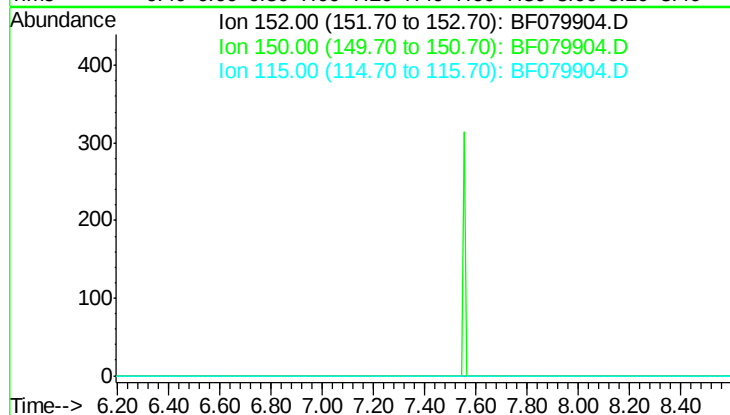
Tot Ion: 152

Sig Exp Ratio

152 100

150 163.7

115 62.2



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 6.00 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

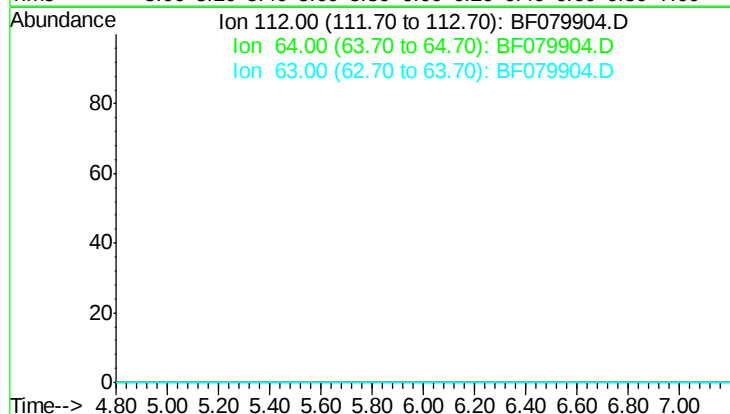
Tgt Ion: 112

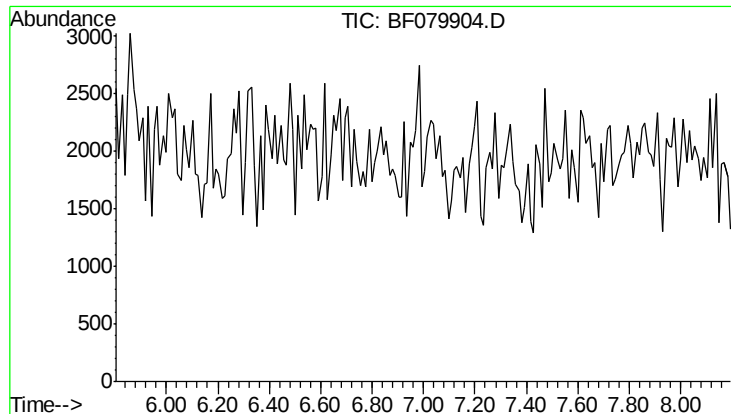
Sig Exp Ratio

112 100

64 68.1

63 34.9





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.99 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

MW-3

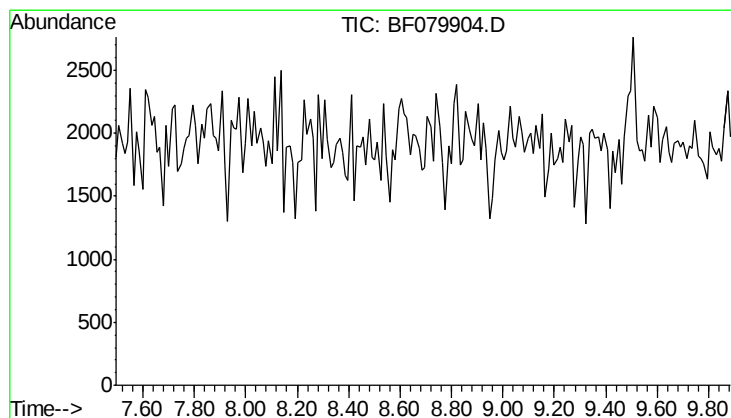
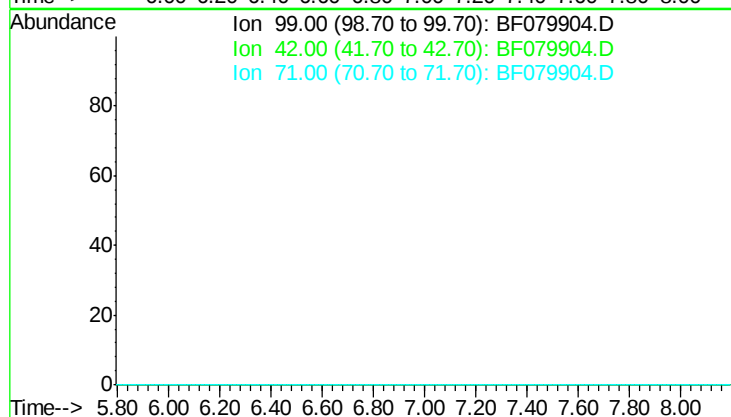
Tot Ion: 99

Sig	Exp Ratio
99	100
42	16.1
71	29.3

99 100

42 16.1

71 29.3



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.68 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

Tgt Ion: 136

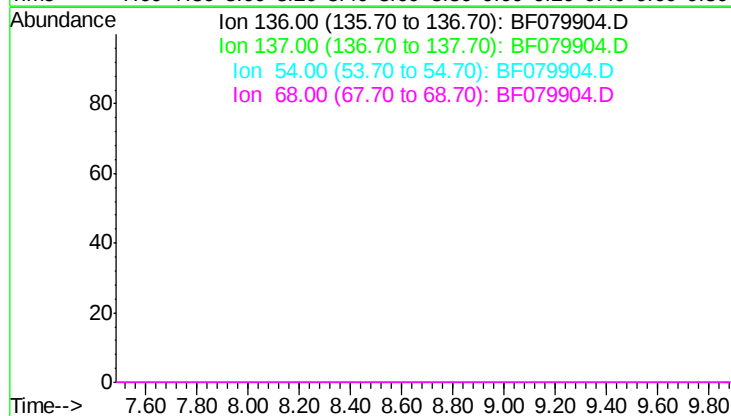
Sig	Exp Ratio
136	100
137	10.9
54	9.1
68	7.4

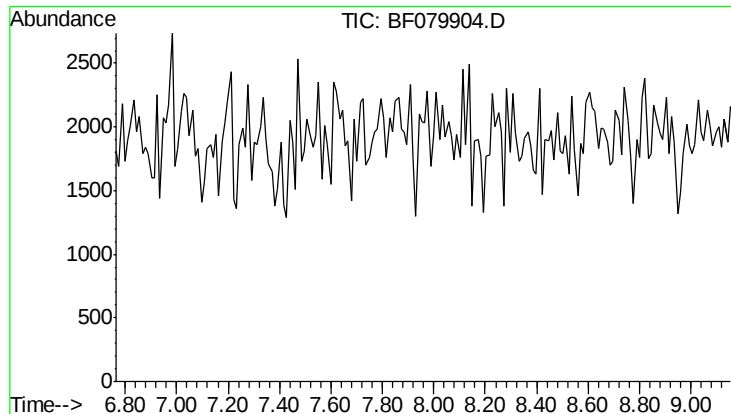
136 100

137 10.9

54 9.1

68 7.4

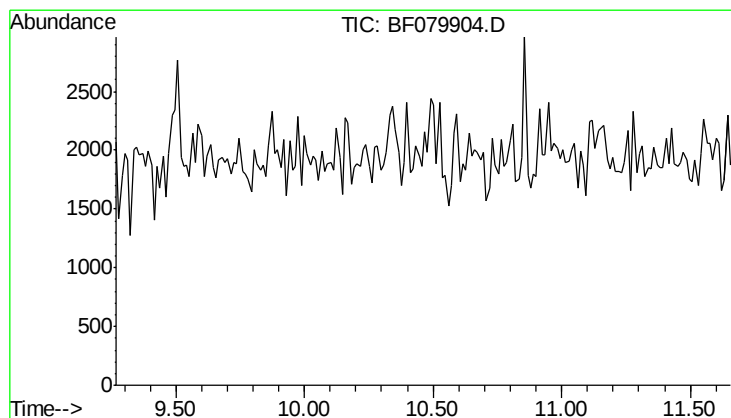
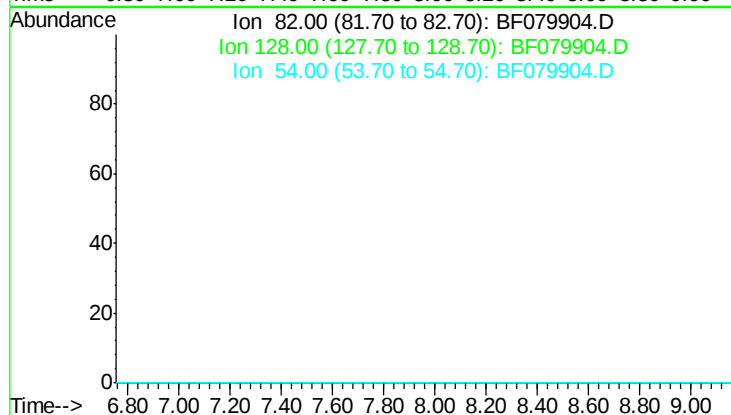




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.95 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

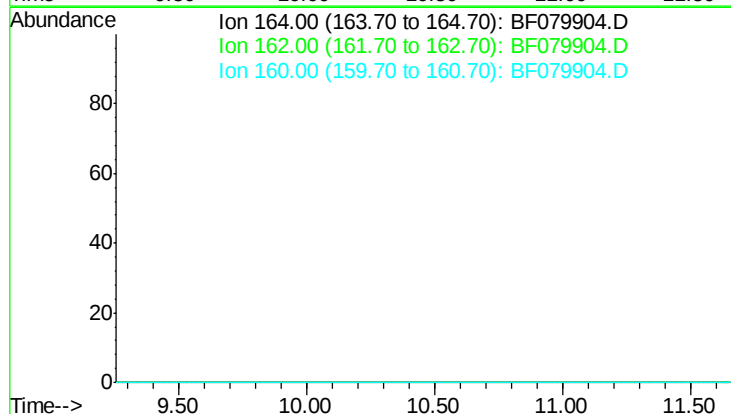
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

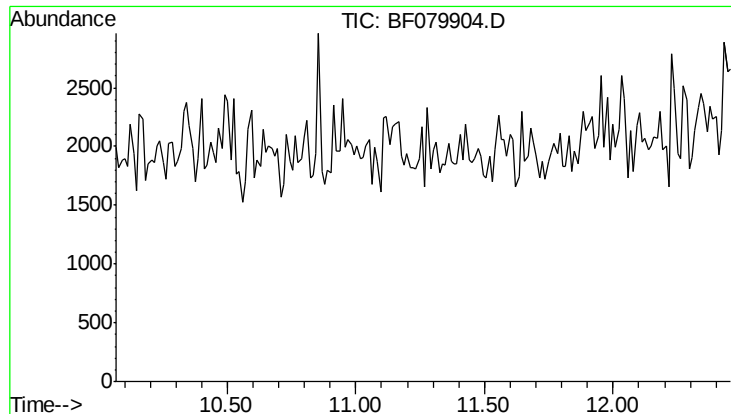
Tot Ion	82
Sig	Exp Ratio
82	100
128	50.4
54	47.5



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.46 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

Tgt Ion	164
Sig	Exp Ratio
164	100
162	100.9
160	43.2

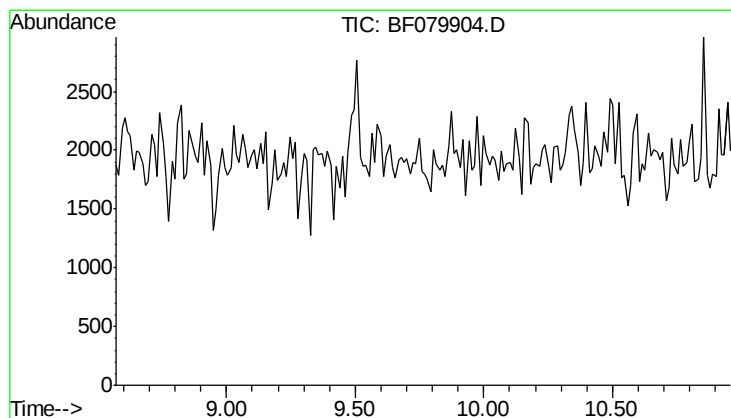
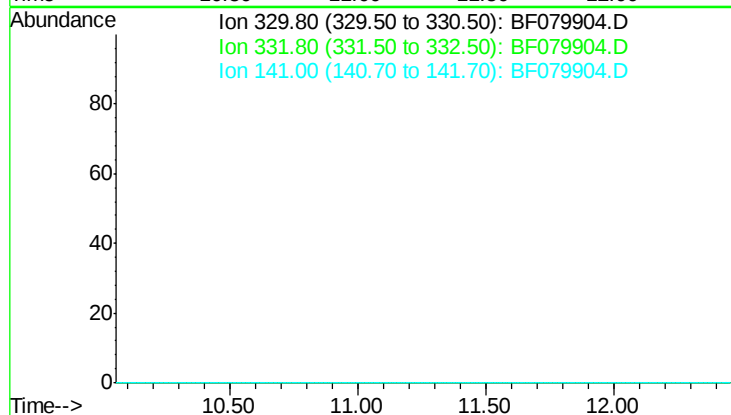




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.26 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

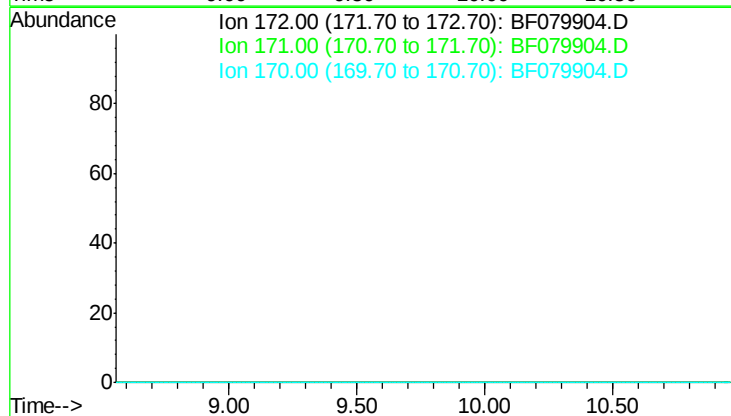
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

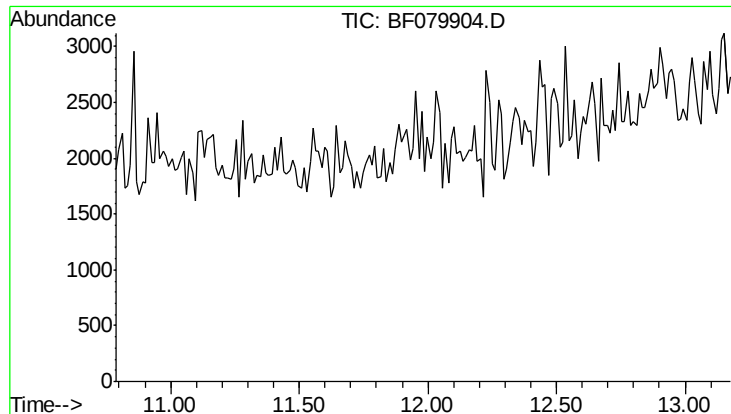
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 33.5



#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.76 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.4
 170 23.7

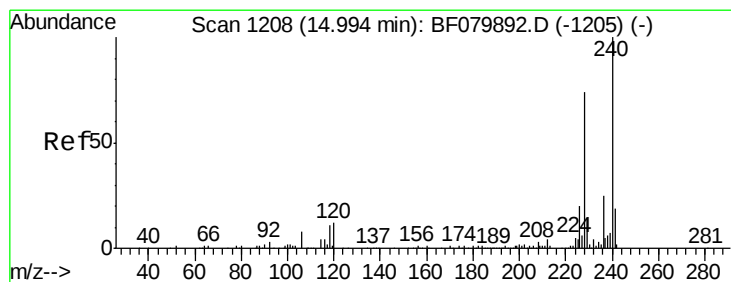
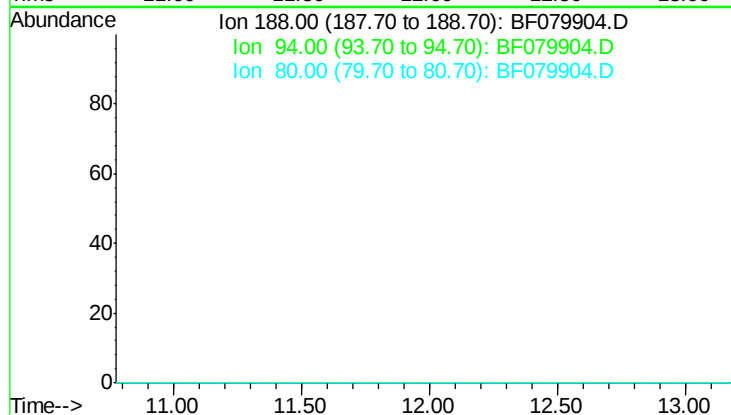




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 11.98 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

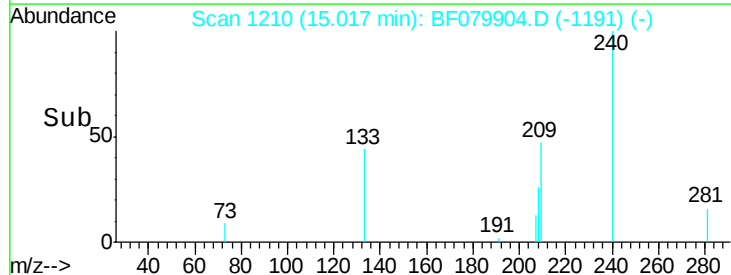
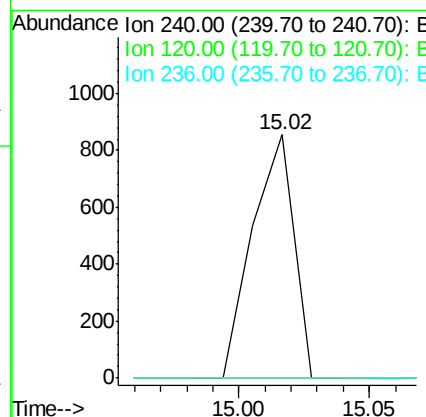
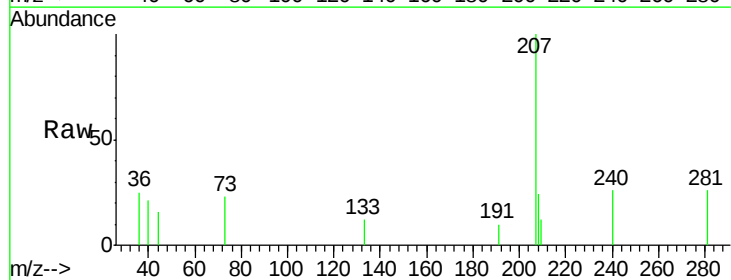
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

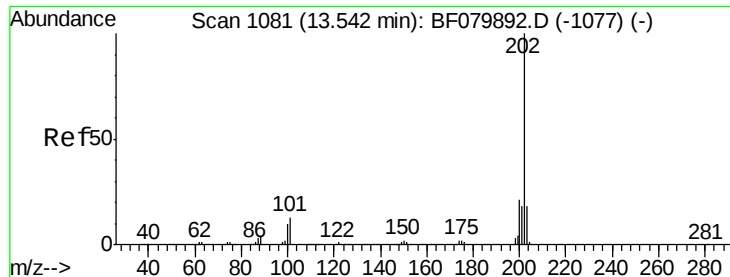
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 7.3
 80 7.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

Tgt Ion: 240 Resp: 955
 Ion Ratio Lower Upper
 240 100
 120 0.0 9.4 14.2#
 236 0.0 19.6 29.4#





#77

Pvrene

Concen: 5.56 ng

RT: 13.55 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

MW-3

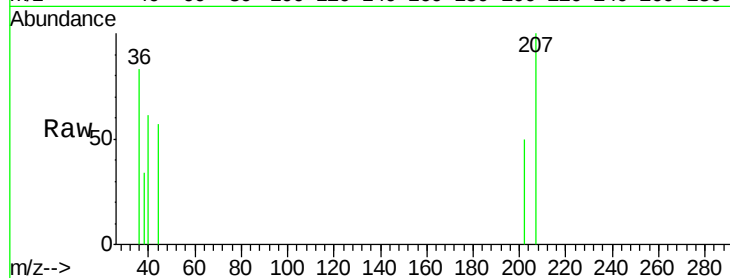
Tot Ion:202 Resp: 329

Ion Ratio Lower Upper

202 100

200 0.0 16.8 25.2#

203 0.0 14.4 21.6#

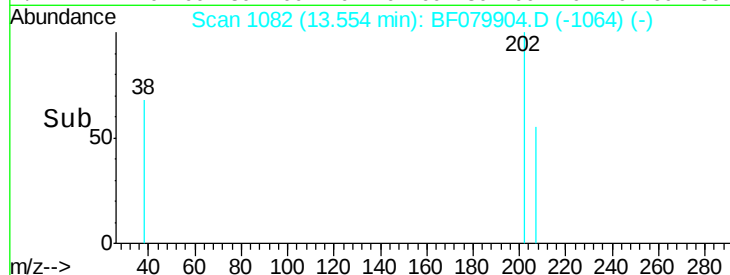


Abundance Ion 202.00 (201.70 to 202.70): E

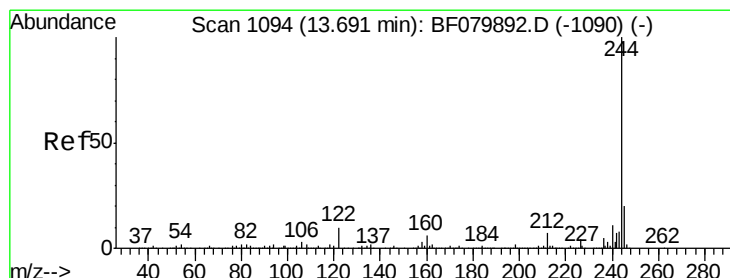
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

13.55



Time-->



#78

Terphenyl-d14

Concen: 14.99 ng

RT: 13.70 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

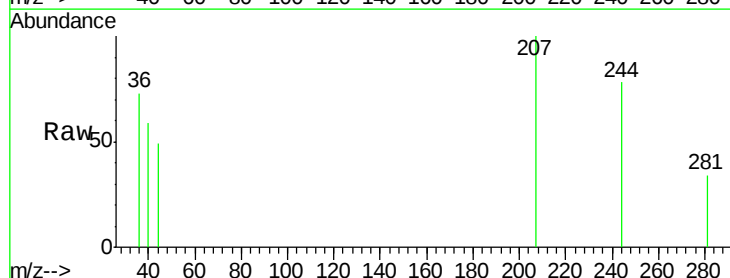
Tgt Ion:244 Resp: 630

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.2#

122 0.0 7.8 11.8#

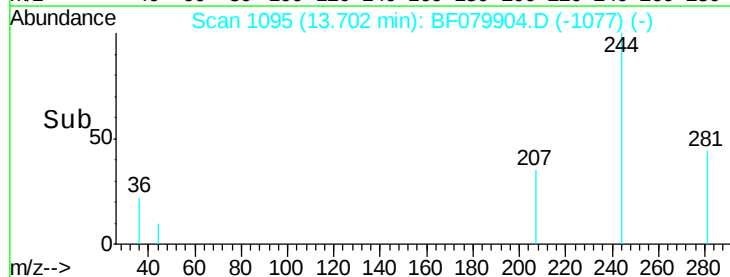


Abundance Ion 244.00 (243.70 to 244.70): E

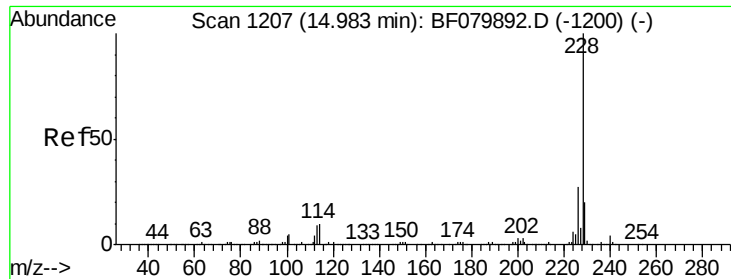
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

13.70



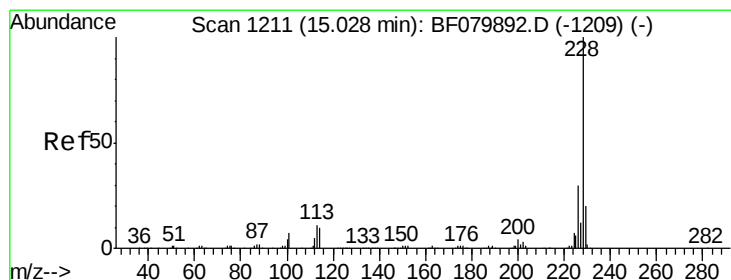
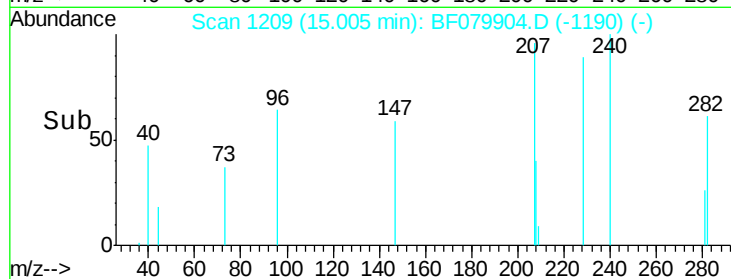
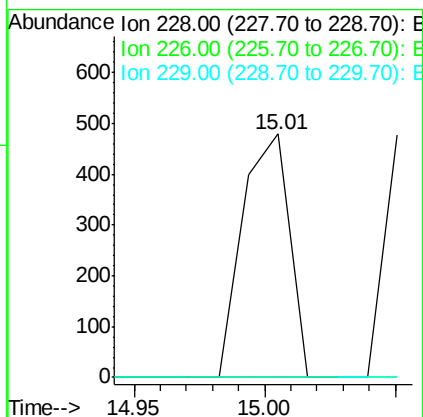
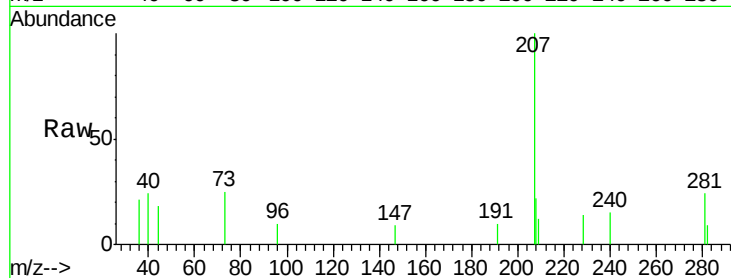
Time-->



#80
Benzo(a)anthracene
Concen: 10.63 ng
RT: 15.01 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BF079904.D
Acq: 11 Jun 2015 19:35

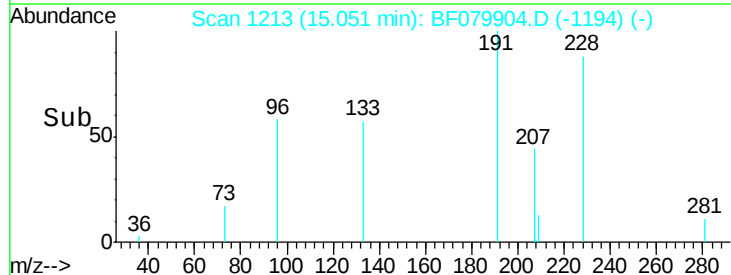
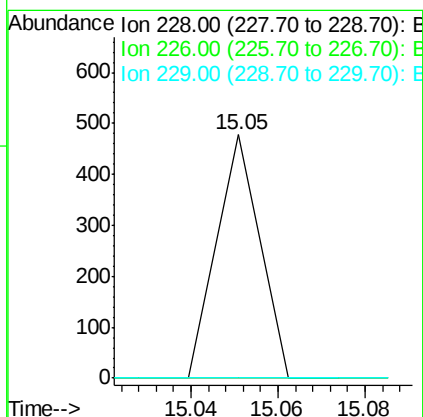
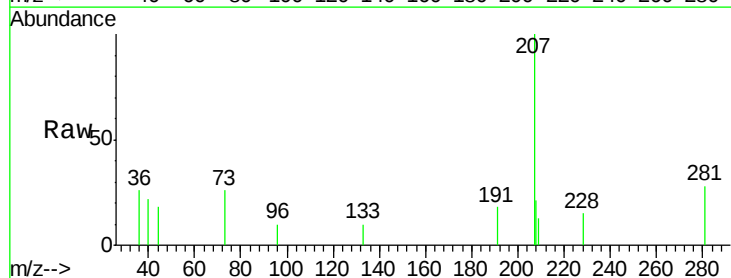
Instrument :
BNA_F
ClientSampled :
MW-3

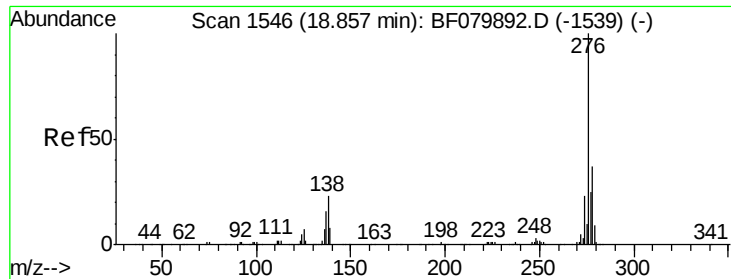
Tot Ion:228 Resp: 603
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.8#
229 0.0 15.9 23.9#



#82
Chrysene
Concen: 6.16 ng
RT: 15.05 min Scan# 1213
Delta R.T. 0.02 min
Lab File: BF079904.D
Acq: 11 Jun 2015 19:35

Tgt Ion:228 Resp: 328
Ion Ratio Lower Upper
228 100
226 0.0 23.9 35.9#
229 0.0 16.1 24.1#

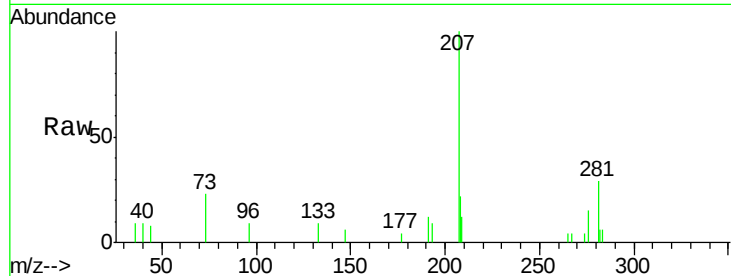




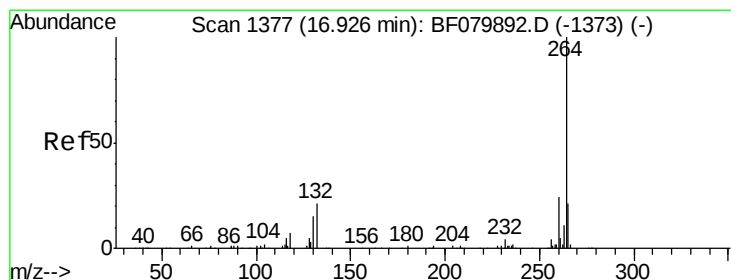
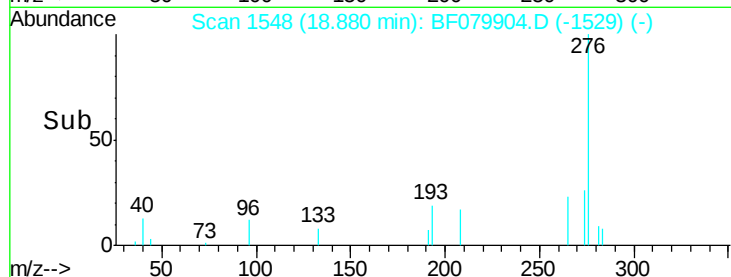
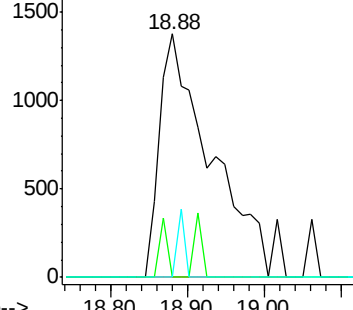
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 116.13 ng
 RT: 18.88 min Scan# 1548
 Delta R.T. 0.02 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:276 Resp: 6591
 Ion Ratio Lower Upper
 276 100
 138 0.0 21.0 31.4#
 277 4.0 19.9 29.9#

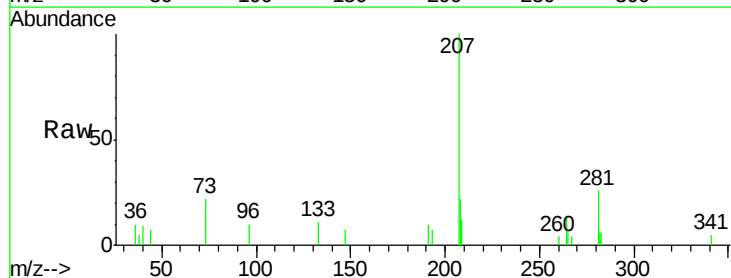


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

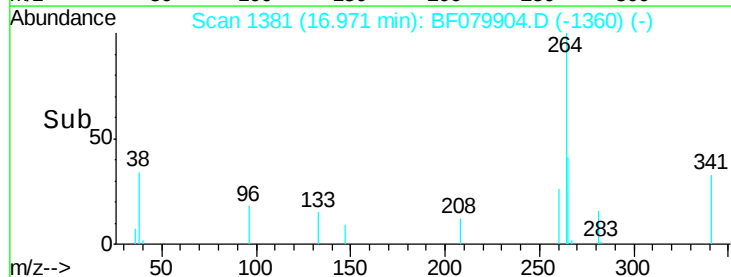
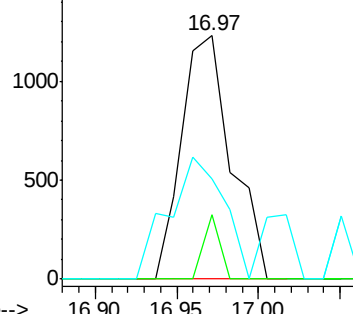


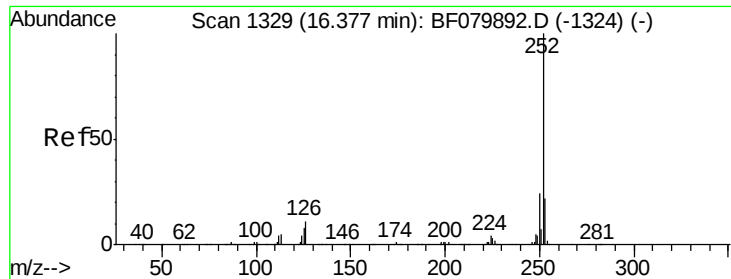
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.97 min Scan# 1381
 Delta R.T. 0.05 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

Tgt Ion:264 Resp: 2611
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.3 28.9
 265 41.3 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





#87

Benzo(b)fluoranthene

Concen: 9.56 ng

RT: 16.41 min Scan# 1332

Delta R.T. 0.03 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

MW-3

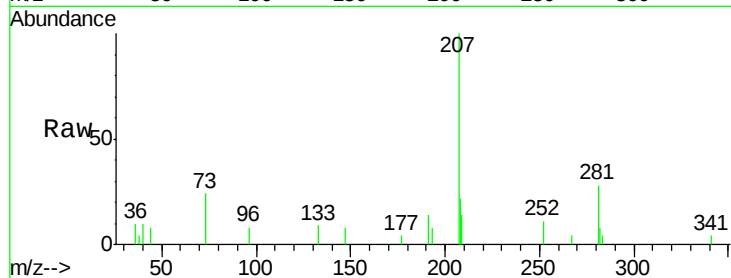
Tot Ion:252 Resp: 1484

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.6#

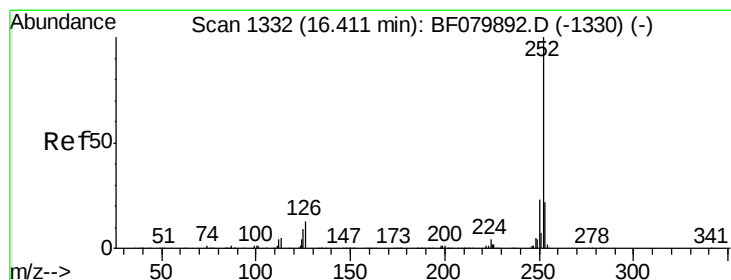
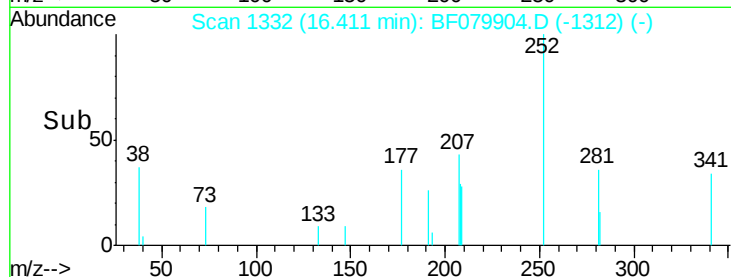
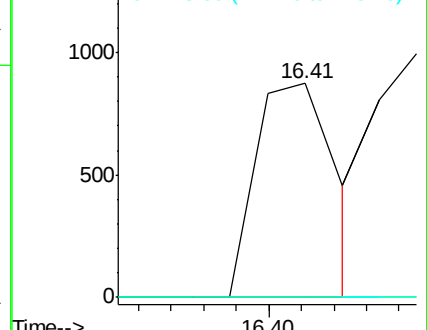
125 0.0 6.5 9.7#



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: 13.59 ng

RT: 16.45 min Scan# 1335

Delta R.T. 0.03 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

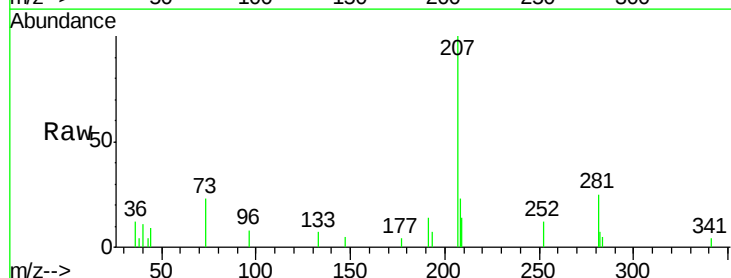
Tgt Ion:252 Resp: 2195

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

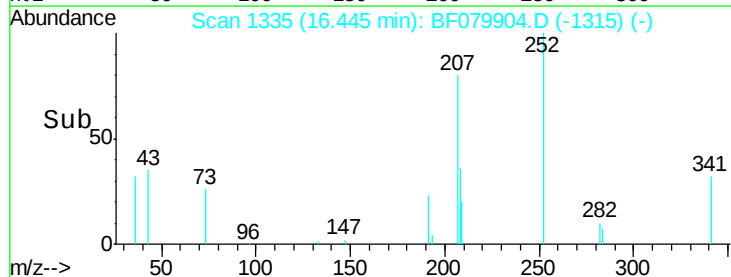
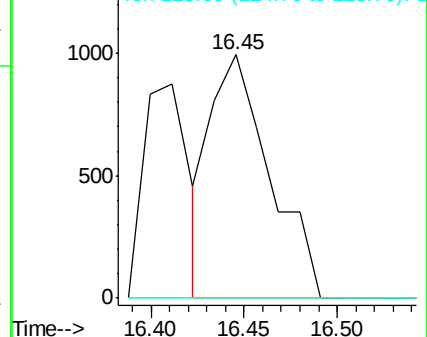
125 0.0 7.4 11.0#

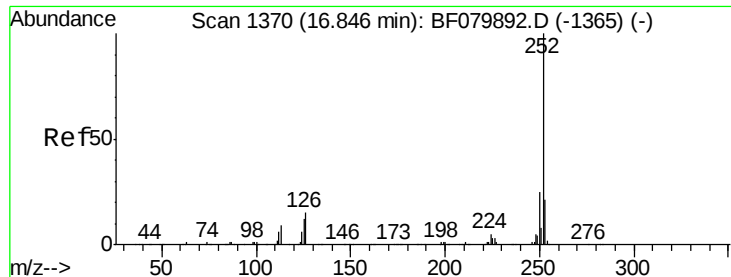


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 16.88 ng

RT: 16.88 min Scan# 1373

Delta R.T. 0.03 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

Instrument :

BNA_F

ClientSampleId :

MW-3

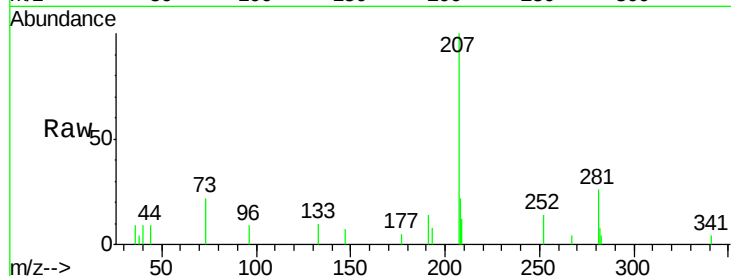
Tot Ion:252 Resp: 2475

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.6#

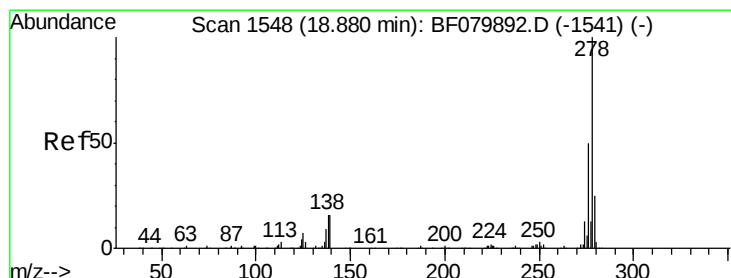
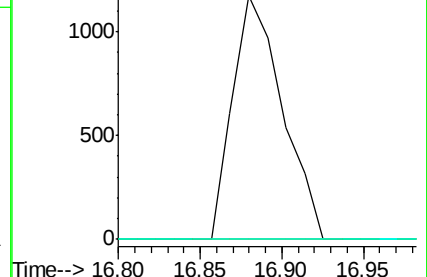
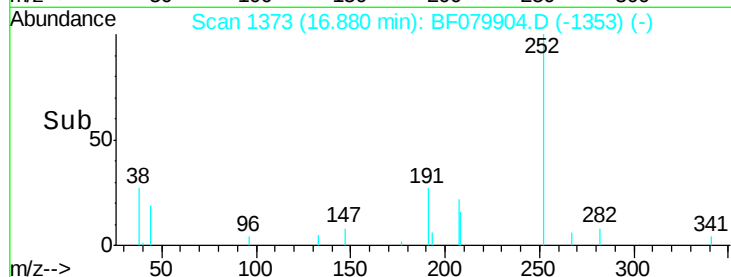
125 0.0 9.7 14.5#



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



#90

Dibenzo(a,h)anthracene

Concen: 39.15 ng

RT: 18.91 min Scan# 1551

Delta R.T. 0.03 min

Lab File: BF079904.D

Acq: 11 Jun 2015 19:35

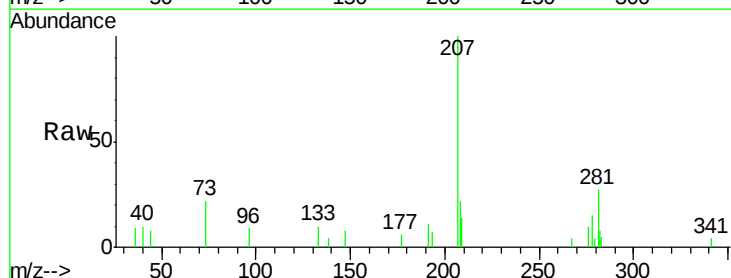
Tgt Ion:278 Resp: 5309

Ion Ratio Lower Upper

278 100

139 0.0 12.8 19.2#

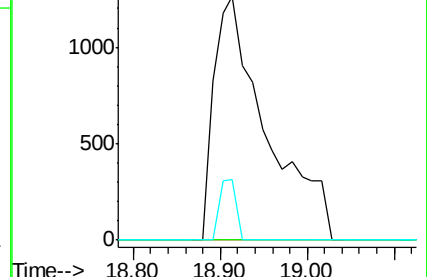
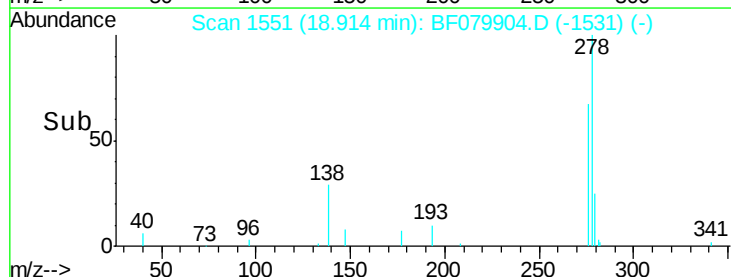
279 25.0 19.7 29.5

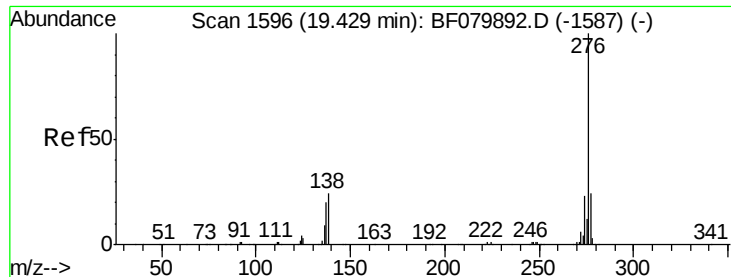


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.24 ng
 RT: 19.45 min Scan# 1598
 Delta R.T. 0.02 min
 Lab File: BF079904.D
 Acq: 11 Jun 2015 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.4	29.2
138	31.2	19.1	28.7#

