

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079512.D
 Acq On : 27 May 2015 9:31
 Operator : TP/IZ
 Sample : G2383-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(14-15)

Quant Time: May 27 12:21:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

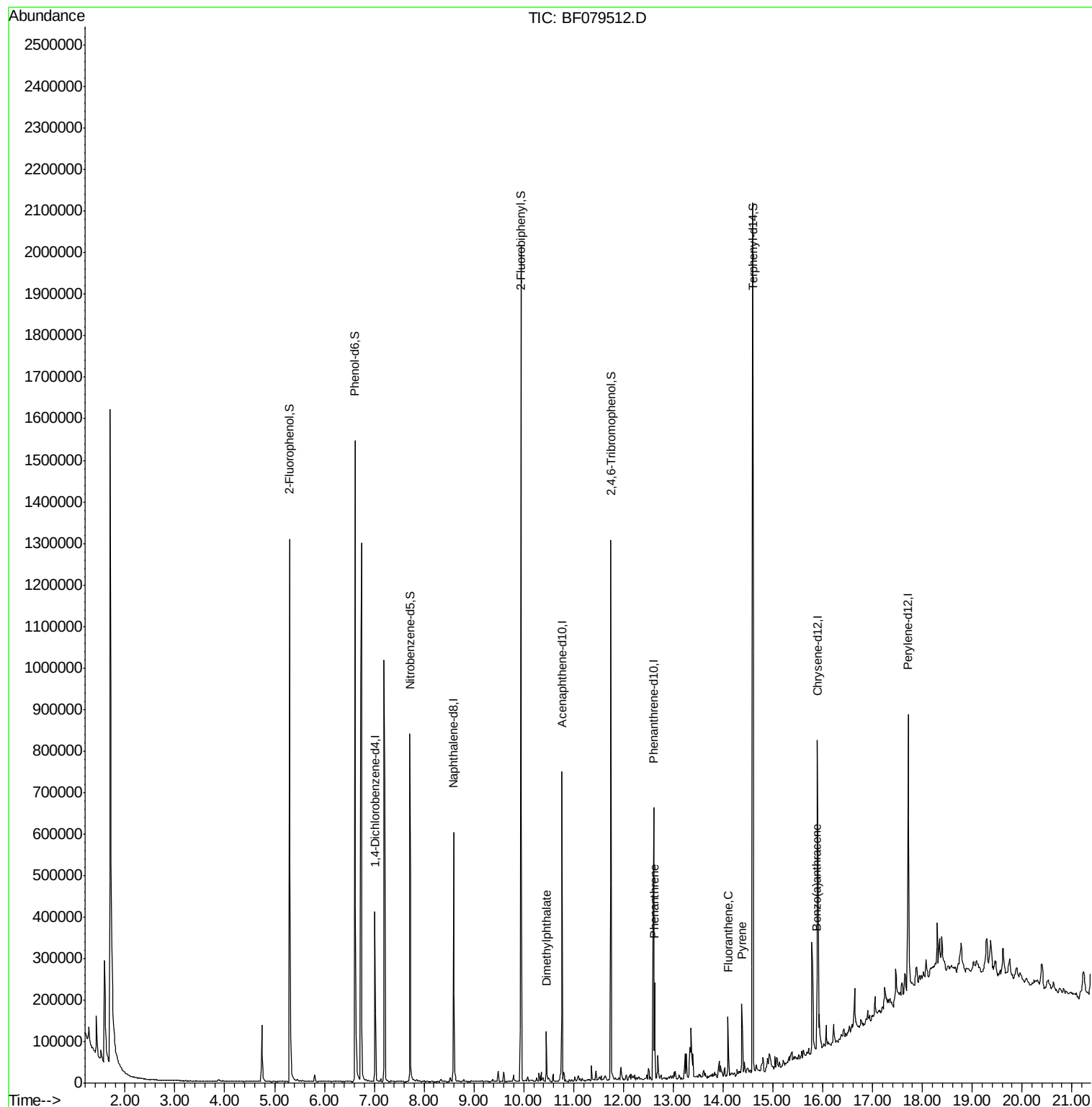
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	70043	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	293052	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	150507	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	296574	20.00	ng	0.01
75) Chrysene-d12	15.90	240	324051	20.00	ng	0.02
86) Perylene-d12	17.71	264	341218	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	415222	102.82	ng	0.00
7) Phenol-d6	6.62	99	576830	112.07	ng	0.00
23) Nitrobenzene-d5	7.71	82	335671	66.21	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	185504	112.21	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	668486	63.37	ng	0.00
78) Terphenyl-d14	14.59	244	818855	59.30	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.46	163	49697	4.48	ng	100
70) Phenanthrene	12.63	178	94249	5.79	ng	100
73) Di-n-butylphthalate	13.36	149	5224	Below Cal	#	76
74) Fluoranthene	14.10	202	63190	3.62	ng	97
77) Pyrene	14.38	202	87671	4.37	ng	# 94
80) Benzo(a)anthracene	15.89	228	37744	2.02	ng	95
89) Benzo(a)pyrene	17.65	252	24662	Below Cal	#	76
90) Dibenzo(a,h)anthracene	19.10	278	8776	Below Cal	#	58
91) Benzo(g,h,i)perylene	19.47	276	14646	Below Cal	#	89

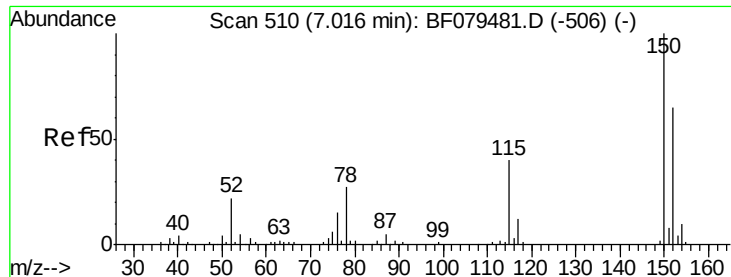
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 32 Sample Multiplier: 1

Instrument :
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HF-2(14-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

ClientSampleId :

HF-2(14-15)

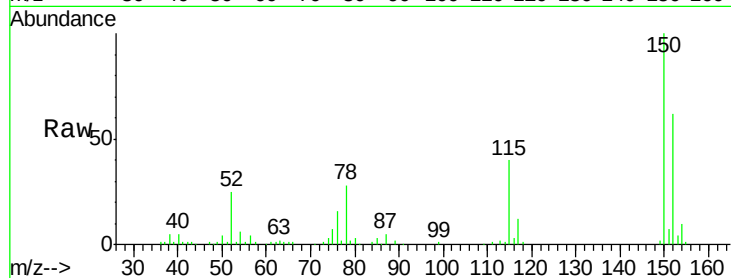
Tot Ion:152 Resp: 70043

Ion Ratio Lower Upper

152 100

150 160.4 124.0 186.0

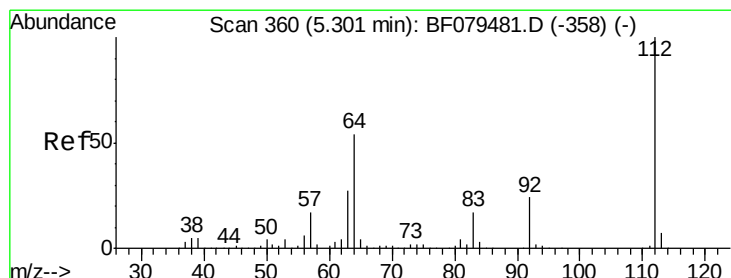
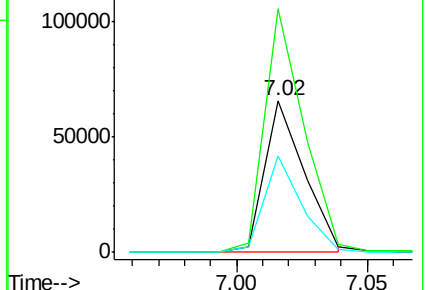
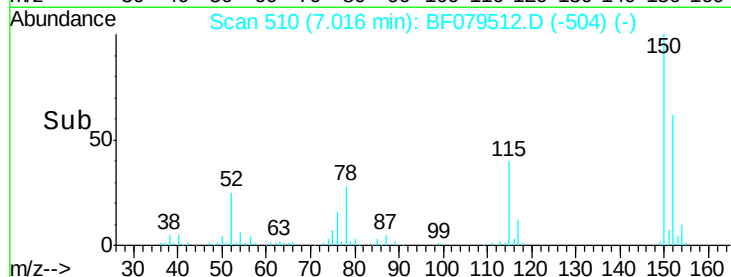
115 63.8 49.6 74.4



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: 102.82 ng

RT: 5.30 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

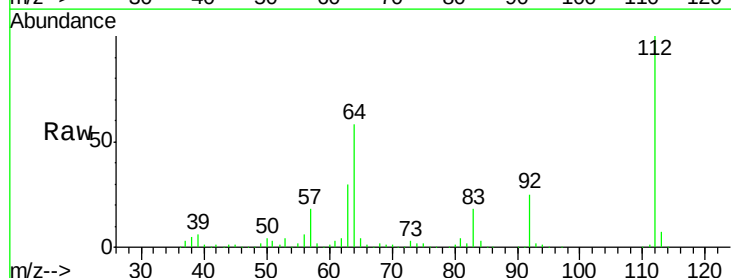
Tgt Ion:112 Resp: 415222

Ion Ratio Lower Upper

112 100

64 58.4 43.5 65.3

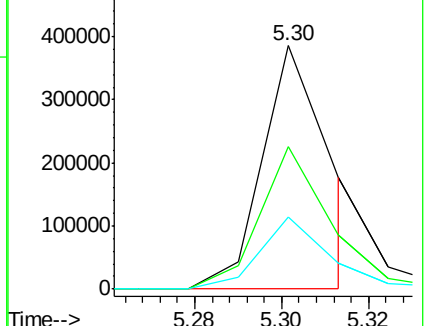
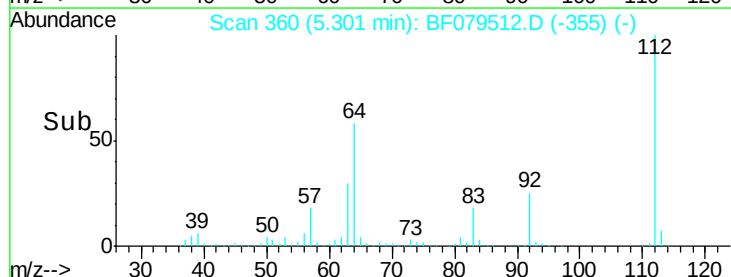
63 29.6 21.8 32.8

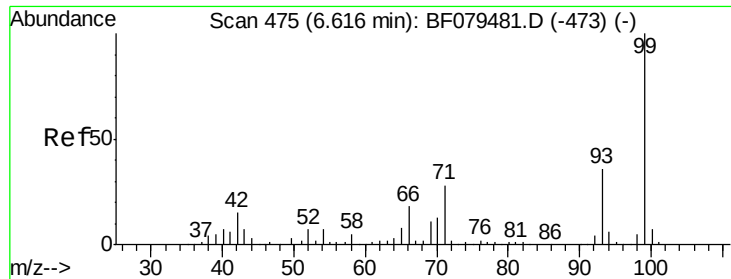


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.07 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

ClientSampleId :

HF-2(14-15)

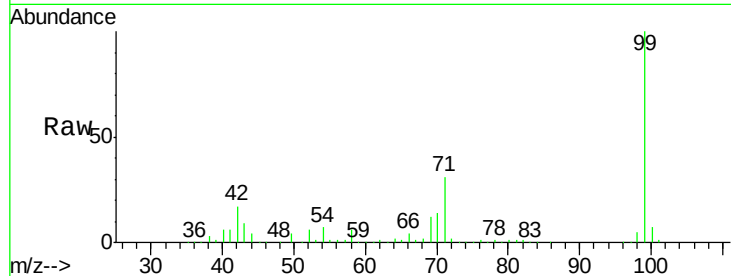
Tot Ion: 99 Resp: 576830

Ion Ratio Lower Upper

99 100

42 16.6 11.9 17.9

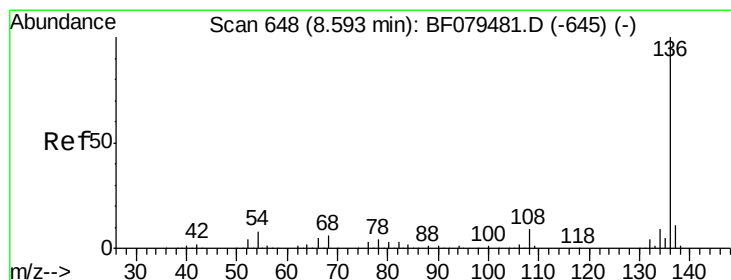
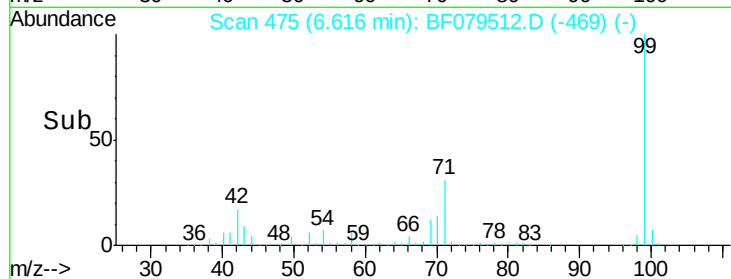
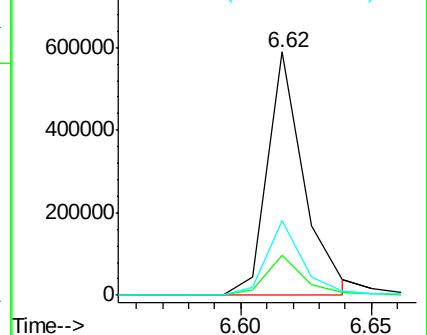
71 30.8 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF079481.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BF079481.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BF079481.D (-473) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Tgt Ion: 136 Resp: 293052

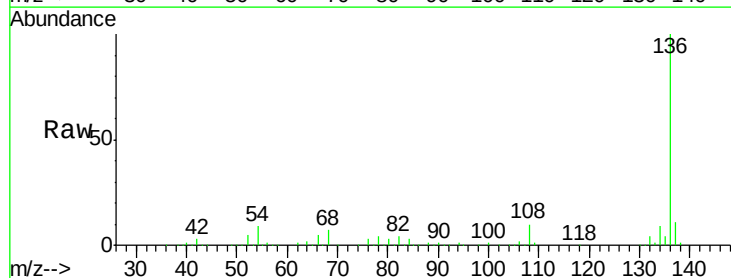
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.9 6.6 9.8

68 6.5 4.7 7.1

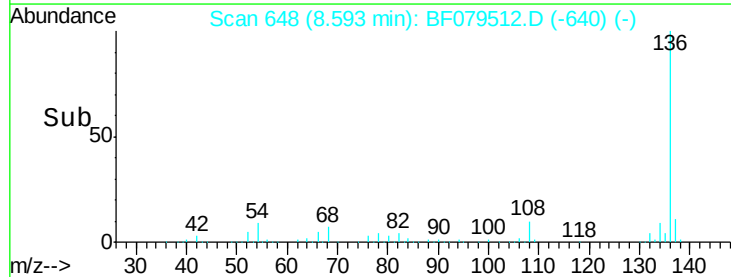
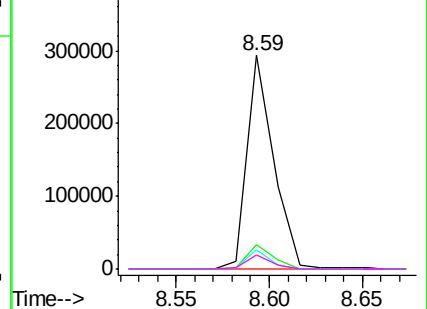


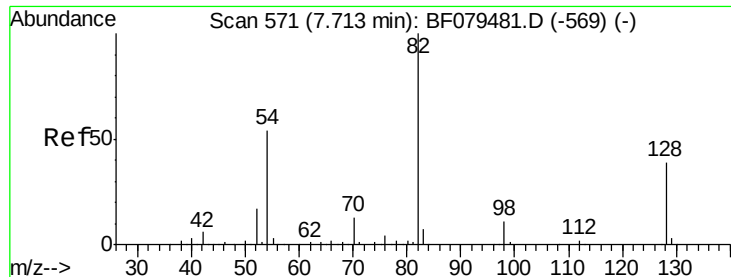
Abundance Ion 136.00 (135.70 to 136.70): BF079481.D (-645) (-)

Ion 137.00 (136.70 to 137.70): BF079481.D (-645) (-)

Ion 54.00 (53.70 to 54.70): BF079481.D (-645) (-)

Ion 68.00 (67.70 to 68.70): BF079481.D (-645) (-)

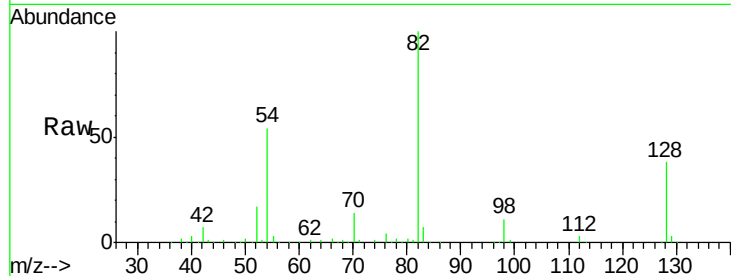




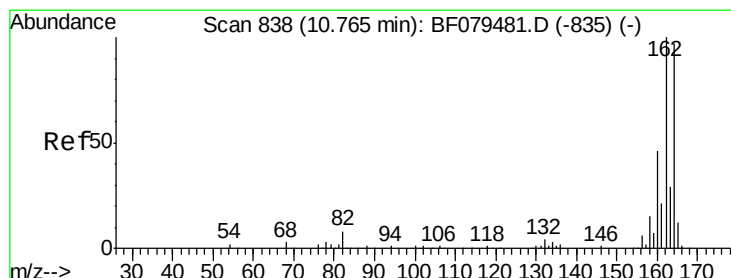
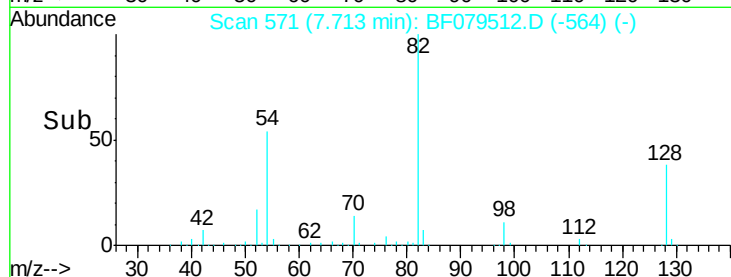
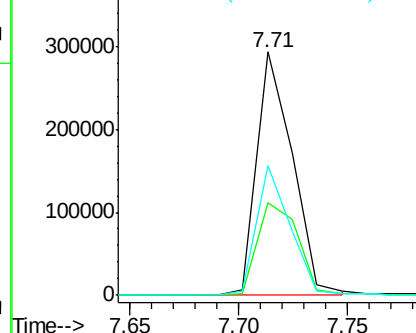
#23
 Nitrobenzene-d5
 Concen: 66.21 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(14-15)

Tot Ion	82	Resp	335671
Ion Ratio	100	Lower	Upper
128	38.1	30.8	46.2
54	53.5	42.8	64.2

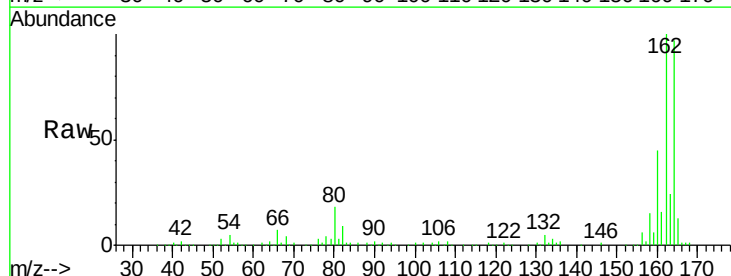


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

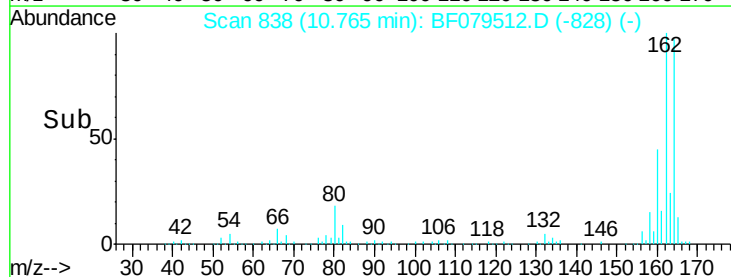
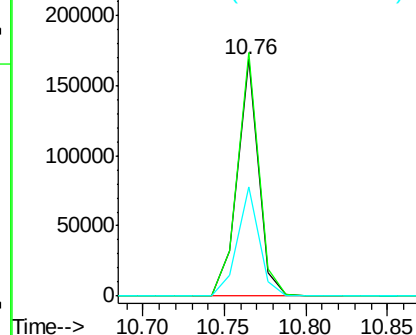


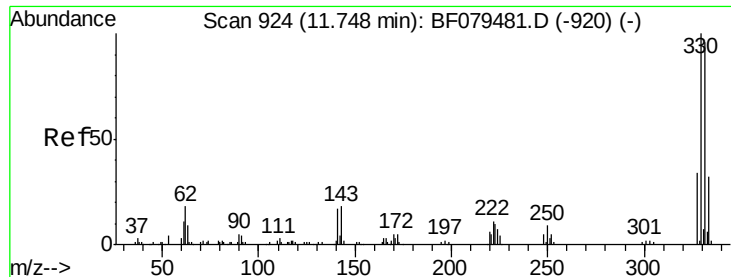
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Tgt Ion	164	Resp	150507
Ion Ratio	100	Lower	Upper
162	102.7	82.6	124.0
160	45.8	37.7	56.5



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

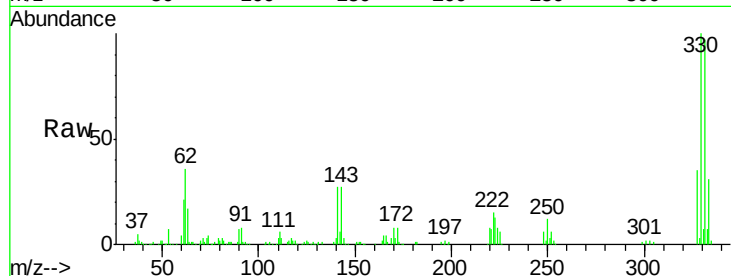




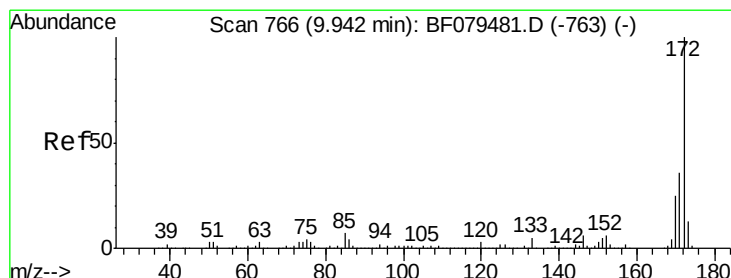
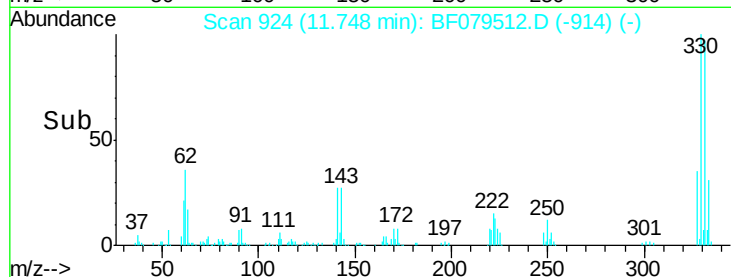
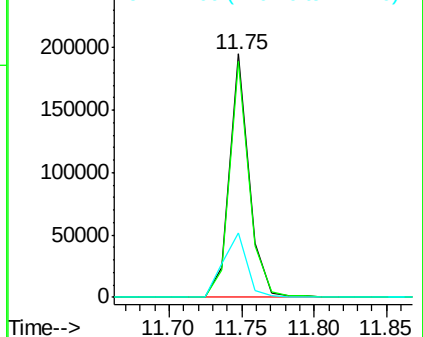
#41
 2,4,6-Tribromophenol
 Concen: 112.21 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Instrument :
 BNA_F
 ClientSampleId :
 HF-2(14-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	32.1	0.0	0.0#

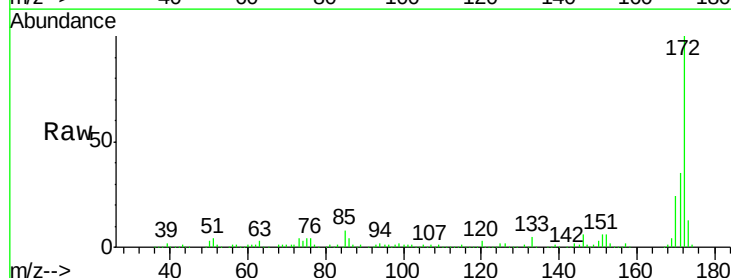


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

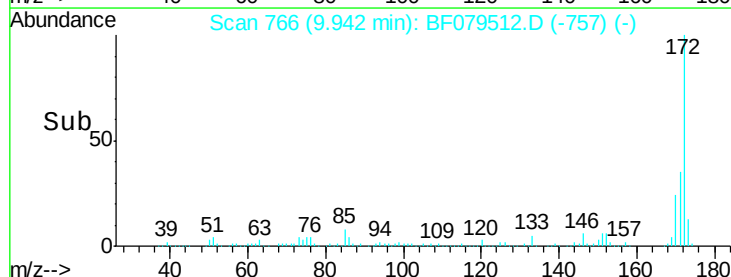
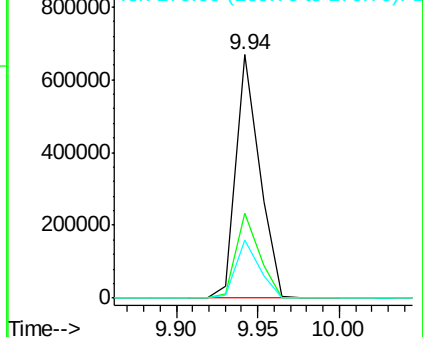


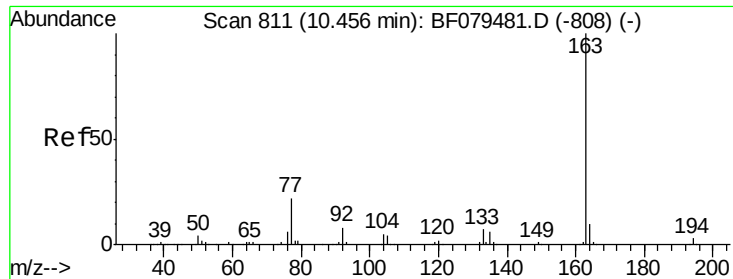
#44
 2-Fluorobiphenyl
 Concen: 63.37 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.8	19.7	29.5



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

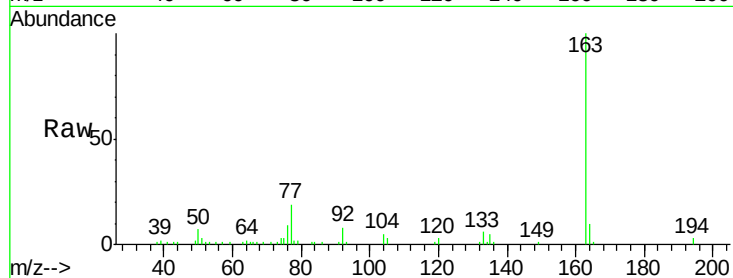




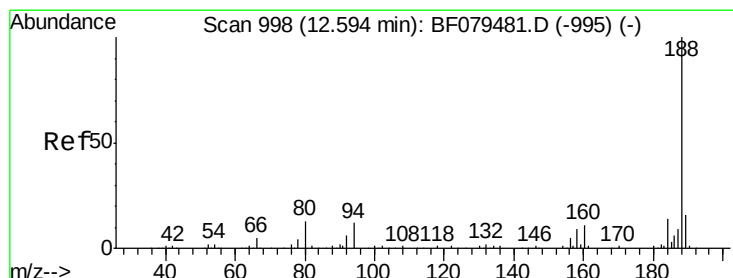
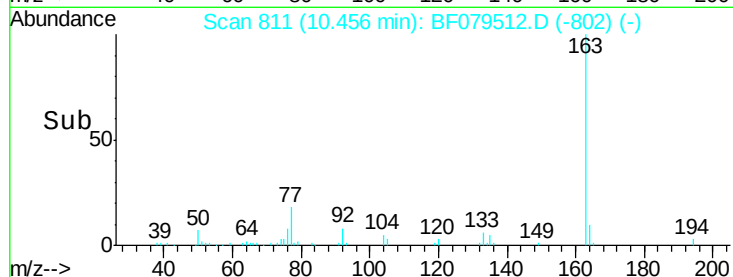
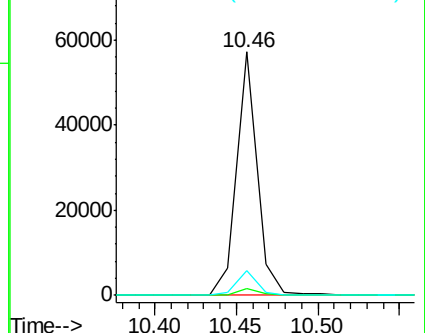
#49
Dimethylphthalate
Concen: 4.48 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Instrument :
BNA_F
ClientSampleId :
HF-2(14-15)

Tot Ion:163 Resp: 49697
Ion Ratio Lower Upper
163 100
194 3.0 2.4 3.6
164 10.3 8.2 12.4

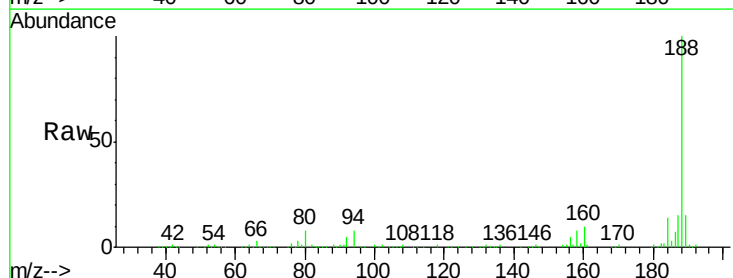


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

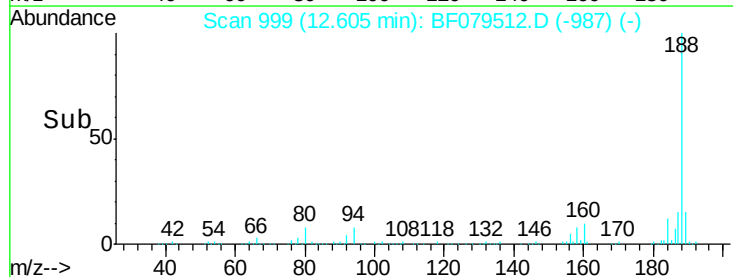
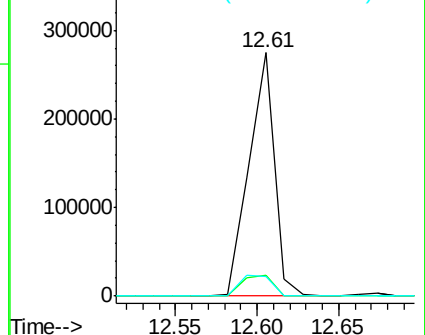


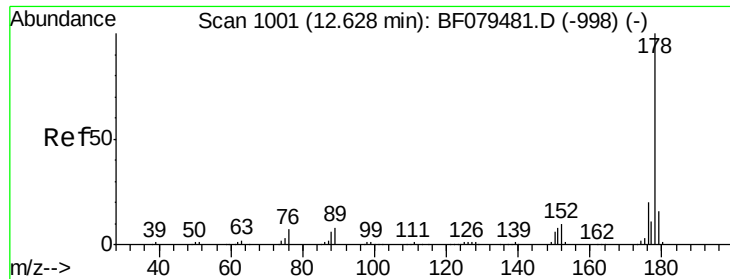
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Tgt Ion:188 Resp: 296574
Ion Ratio Lower Upper
188 100
94 8.3 9.8 14.6#
80 8.1 10.5 15.7#



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





#70

Phenanthrene

Concen: 5.79 ng

RT: 12.63 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

Instrument :

BNA_F

ClientSampleId :

HF-2(14-15)

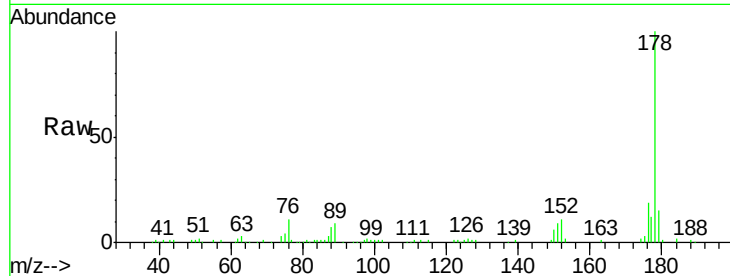
Tot Ion:178 Resp: 94249

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

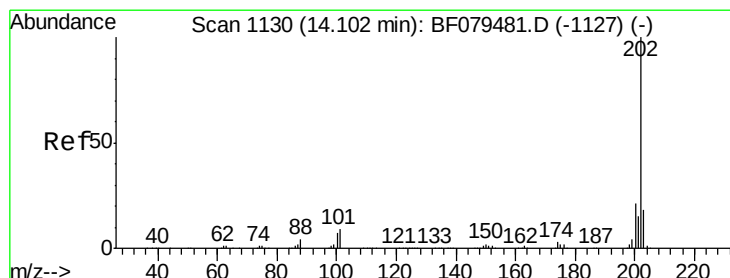
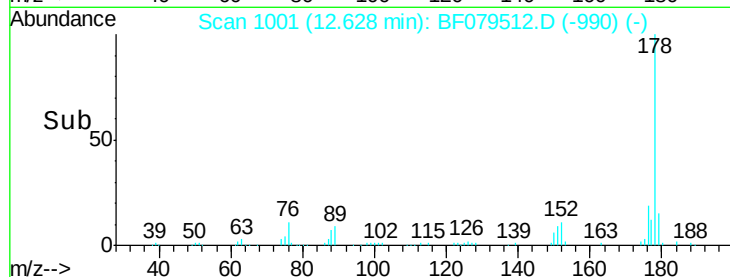
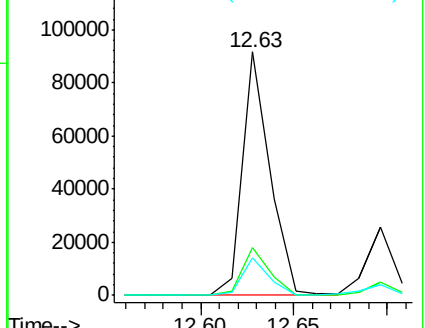
179 15.4 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.62 ng

RT: 14.10 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF079512.D

Acq: 27 May 2015 9:31

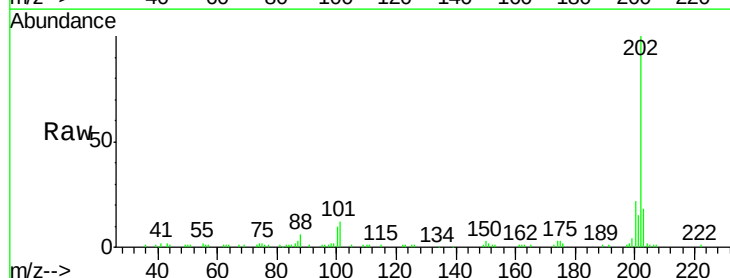
Tgt Ion:202 Resp: 63190

Ion Ratio Lower Upper

202 100

101 12.3 0.0 29.3

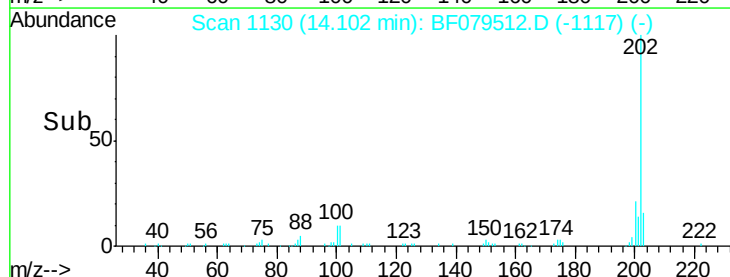
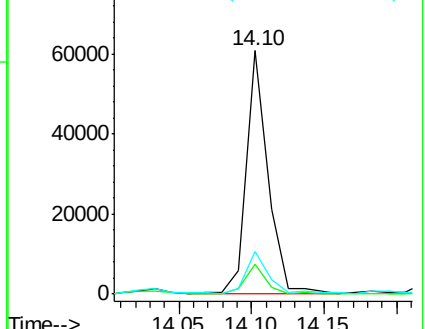
203 17.6 0.0 37.6

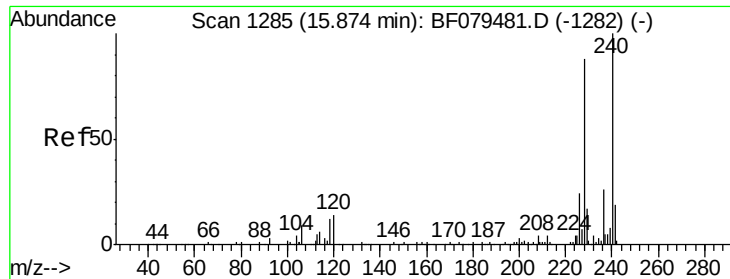


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

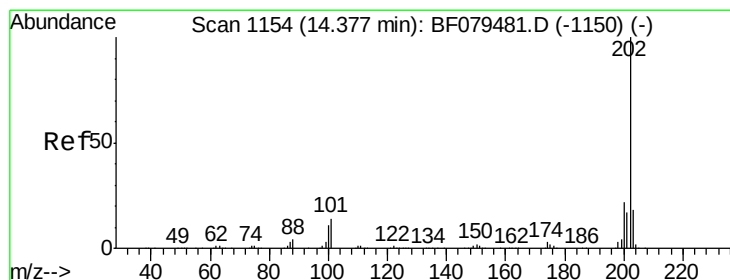
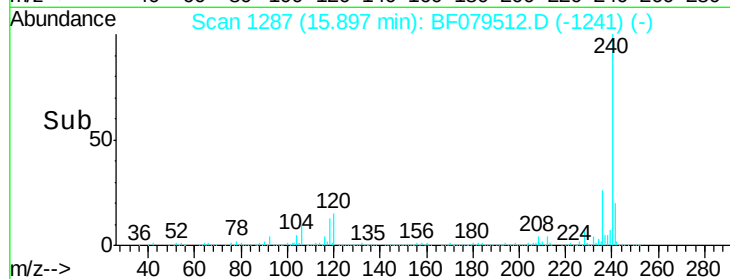
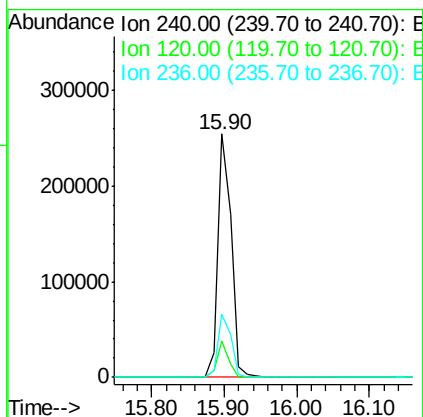
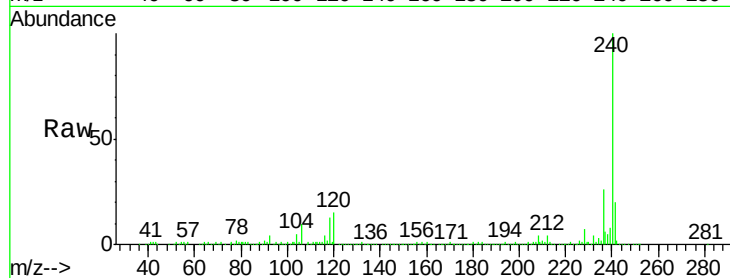




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.90 min Scan# 1287
Delta R.T. 0.02 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

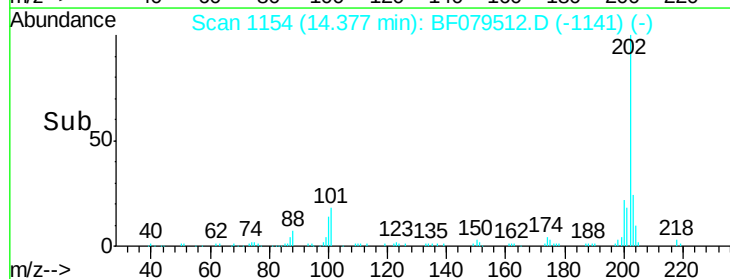
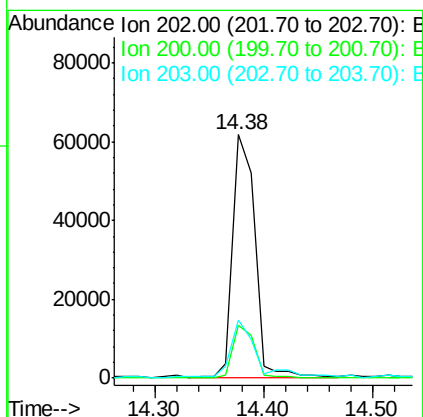
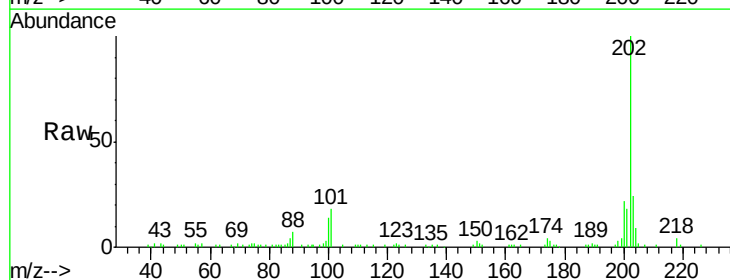
Instrument :
BNA_F
ClientSampleId :
HF-2(14-15)

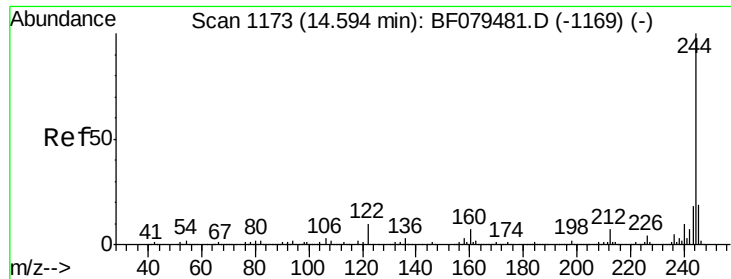
Tot Ion:240 Resp: 324051
Ion Ratio Lower Upper
240 100
120 14.8 10.8 16.2
236 25.7 21.0 31.6



#77
Pyrene
Concen: 4.37 ng
RT: 14.38 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Tgt Ion:202 Resp: 87671
Ion Ratio Lower Upper
202 100
200 21.8 17.5 26.3
203 23.7 14.4 21.6#

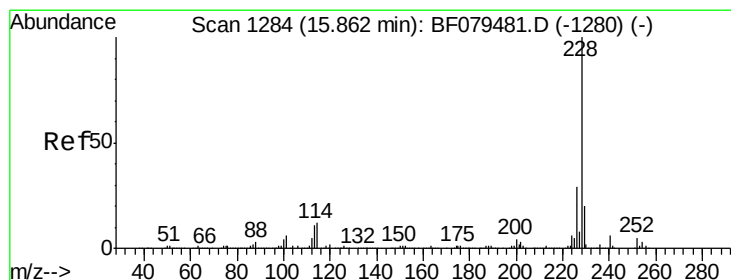
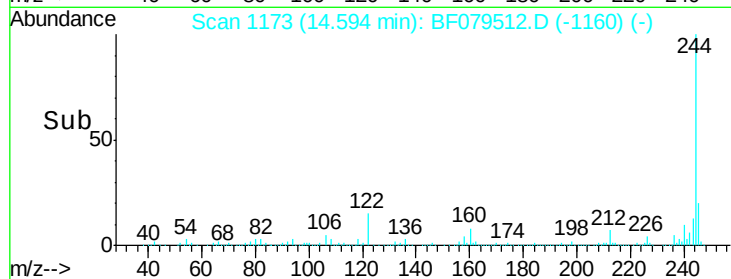
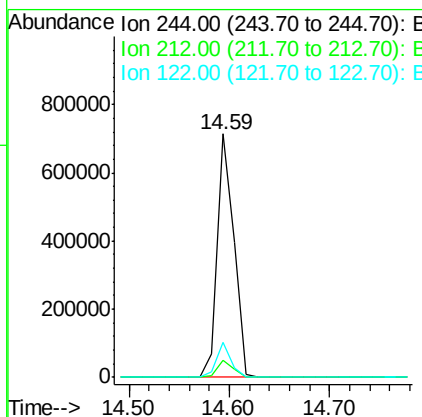
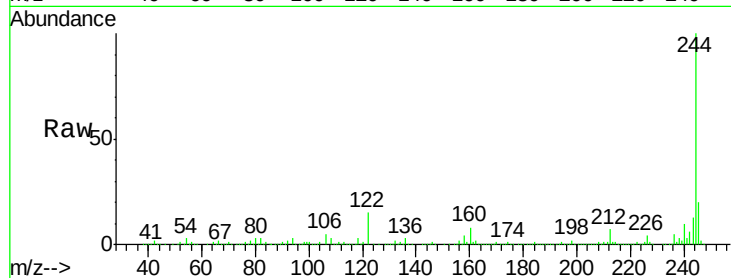




#78
 Terphenyl-d14
 Concen: 59.30 ng
 RT: 14.59 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

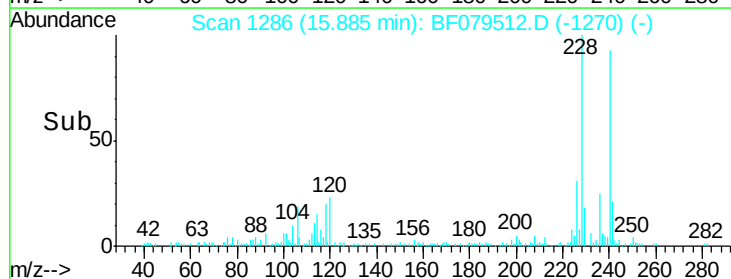
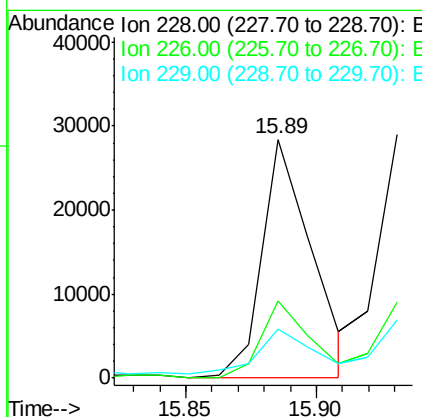
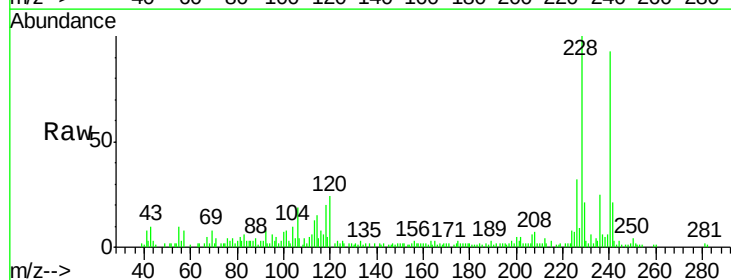
Instrument :
 BNA_F
 ClientSampleId :
 HF-2(14-15)

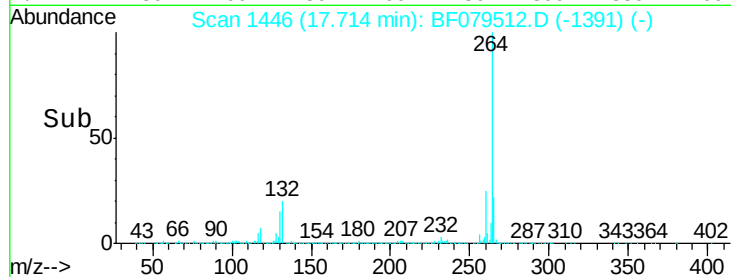
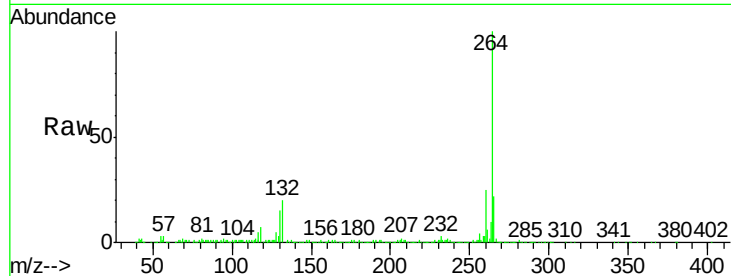
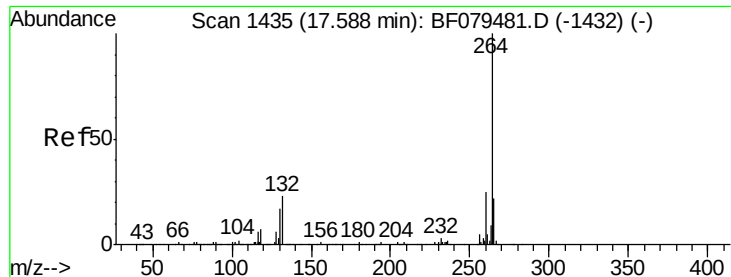
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	14.6	8.0	12.0



#80
 Benzo(a)anthracene
 Concen: 2.02 ng
 RT: 15.89 min Scan# 1286
 Delta R.T. 0.02 min
 Lab File: BF079512.D
 Acq: 27 May 2015 9:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.8	34.2
229	20.6	15.9	23.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. 0.13 min
Lab File: BF079512.D
Acq: 27 May 2015 9:31

Instrument :
BNA_F
ClientSampleId :
HF-2(14-15)

Tot Ion:	264	Resp:	341218
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.8	17.8	26.6

