

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091110.D
 Acq On : 9 Nov 2016 5:05
 Operator : UM/SJ
 Sample : H5593-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

Quant Time: Nov 09 06:19:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

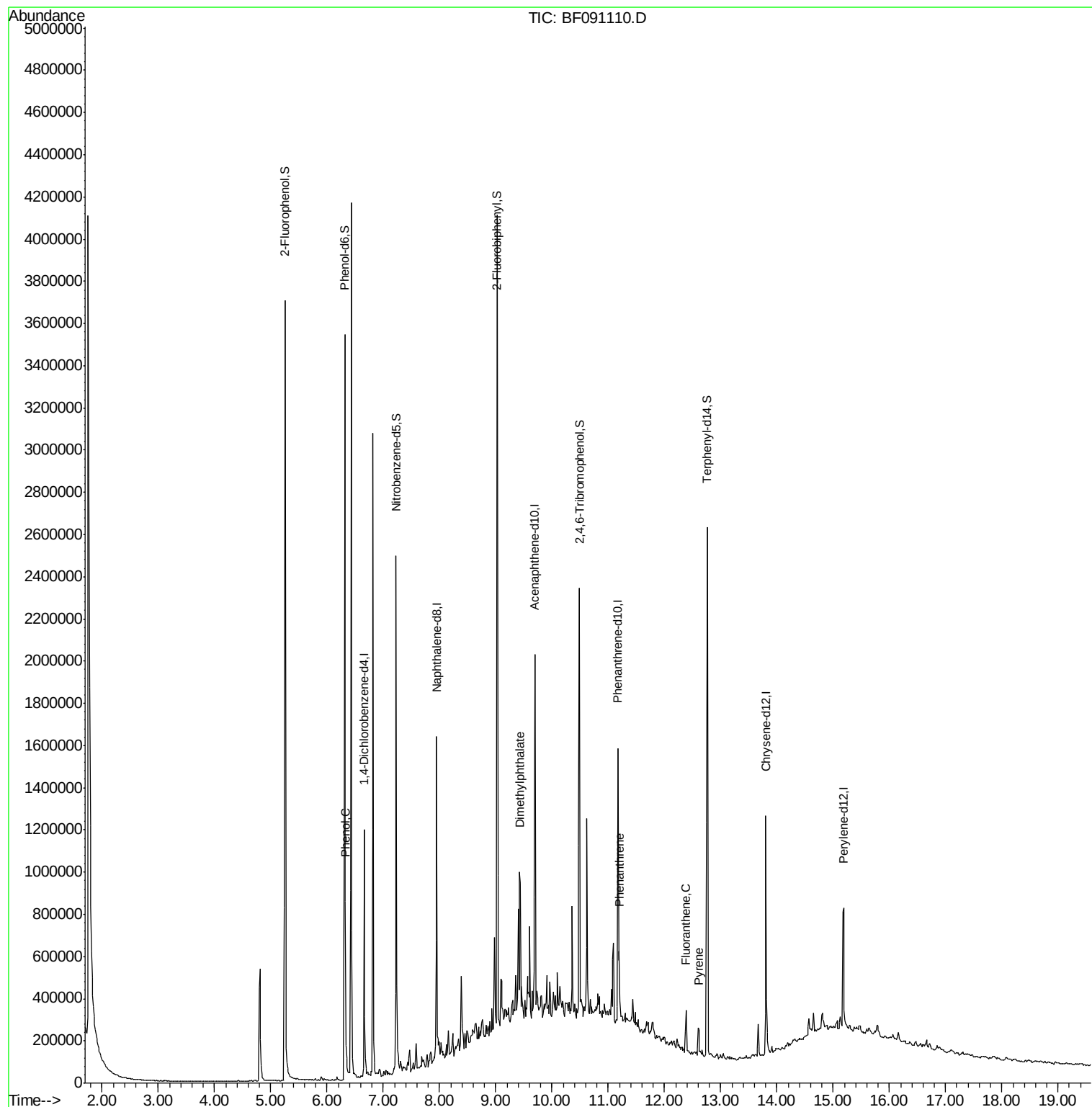
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	183124	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	721200	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	352033	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	451712	20.00	ng	0.00
75) Chrysene-d12	13.80	240	345274	20.00	ng	-0.01
86) Perylene-d12	15.19	264	308735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1113980	100.47	ng	0.01
7) Phenol-d6	6.32	99	1405511	93.39	ng	0.00
23) Nitrobenzene-d5	7.23	82	905293	68.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	258770	81.31	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1157340	56.60	ng	-0.01
78) Terphenyl-d14	12.76	244	854325	61.75	ng	0.00
Target Compounds						
10) Phenol	6.33	94	80308	4.82	ng	Qvalue # 66
49) Dimethylphthalate	9.42	163	214957	9.31	ng	98
70) Phenanthrene	11.20	178	107313	4.47	ng	97
74) Fluoranthene	12.38	202	85287	3.42	ng	92
77) Pyrene	12.61	202	75560	3.34	ng	98

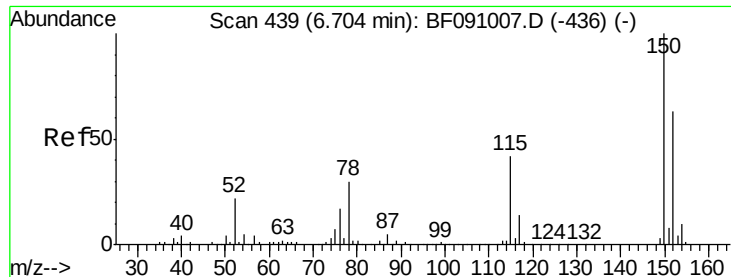
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

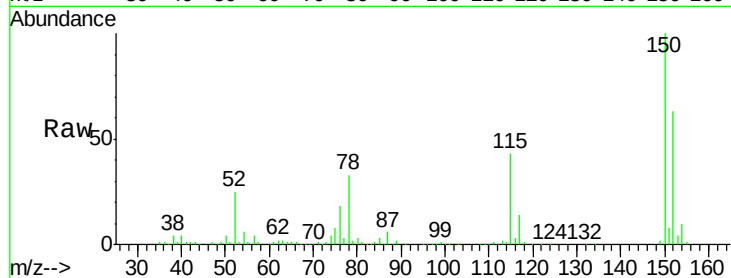
Tot Ion:152 Resp: 183124

Ion Ratio Lower Upper

152 100

150 158.7 126.8 190.2

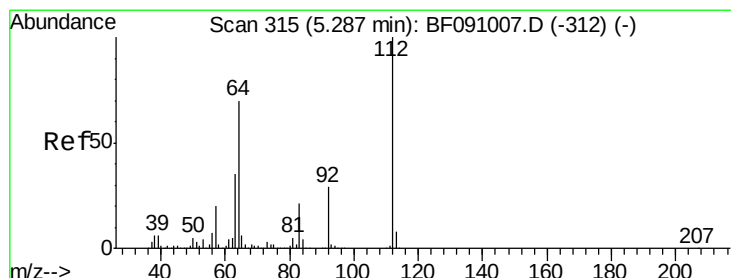
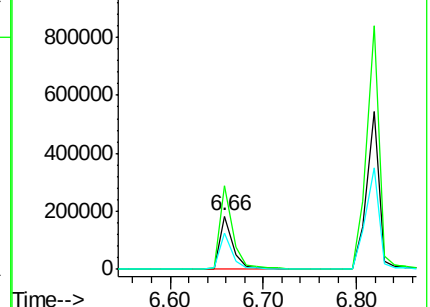
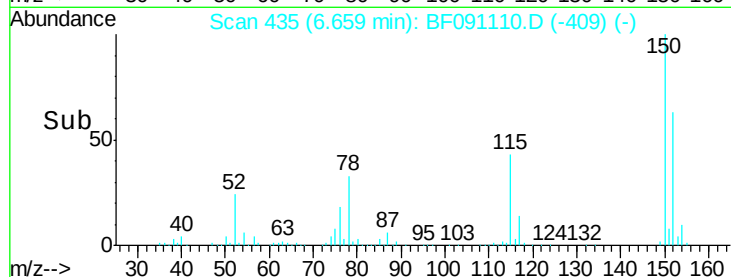
115 68.5 53.3 79.9



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: 100.47 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

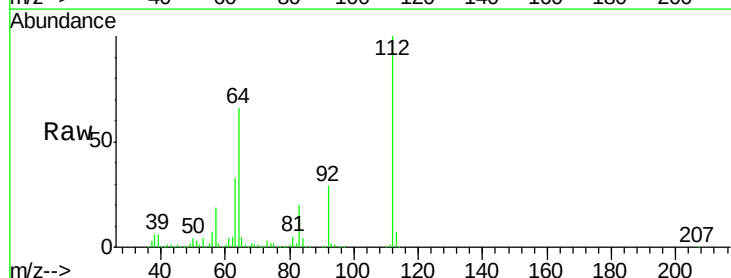
Tgt Ion:112 Resp: 1113980

Ion Ratio Lower Upper

112 100

64 65.6 55.8 83.6

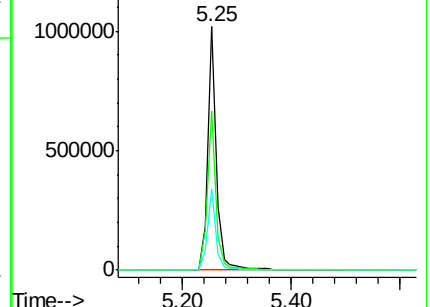
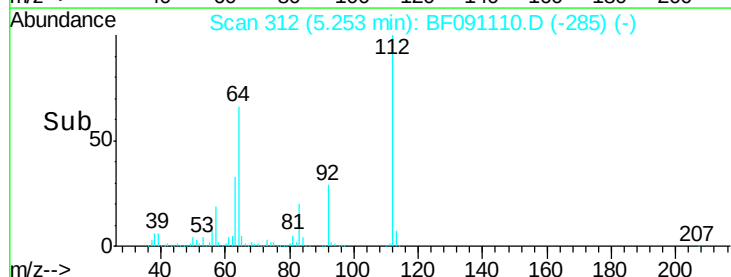
63 33.1 28.0 42.0

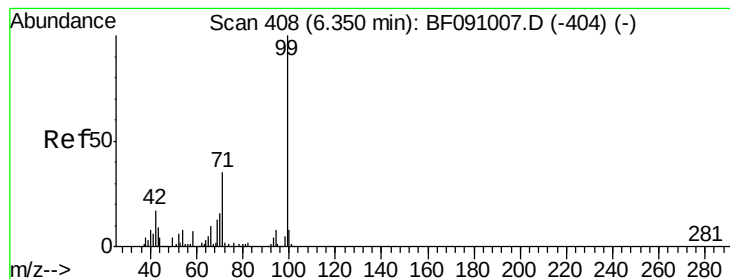


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.39 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

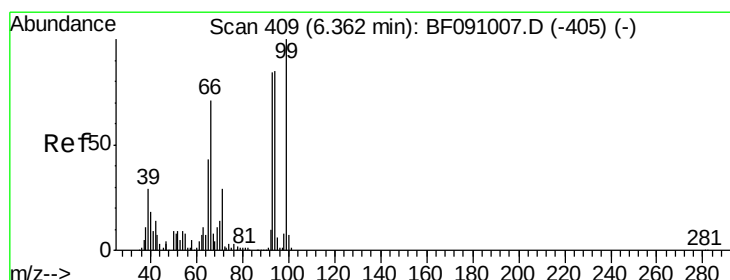
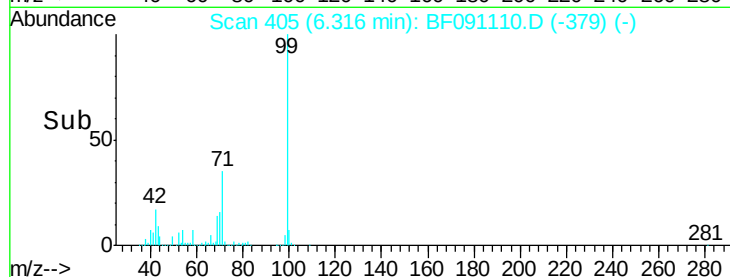
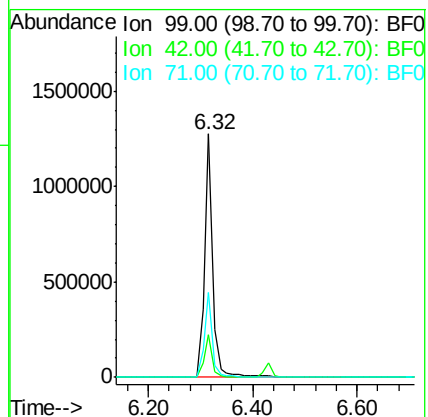
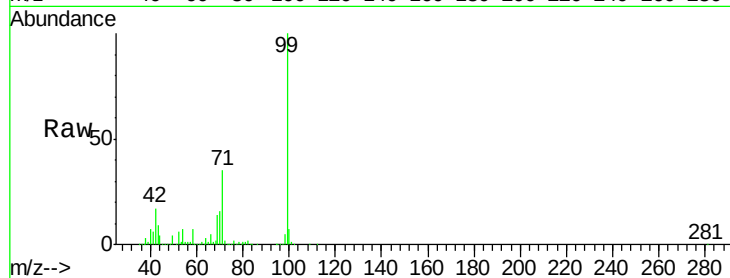
Tot Ion: 99 Resp: 1405511

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

71 34.7 27.8 41.8



#10

Phenol

Concen: 4.82 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

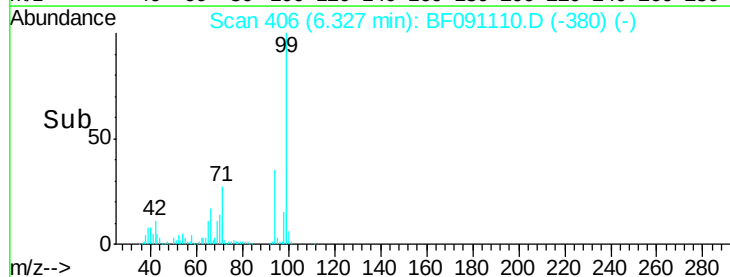
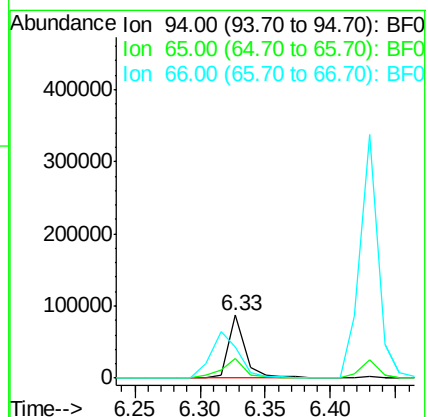
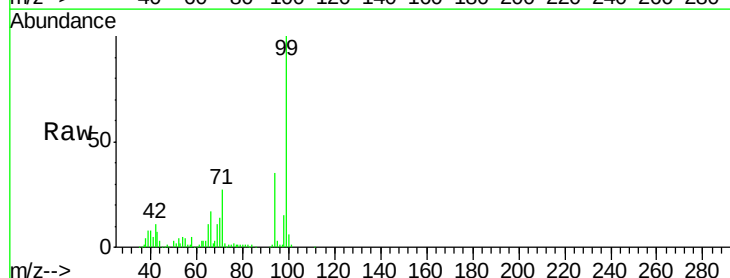
Tgt Ion: 94 Resp: 80308

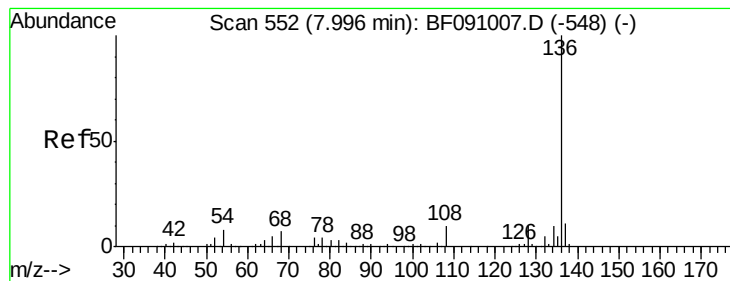
Ion Ratio Lower Upper

94 100

65 31.5 30.4 70.4

66 48.8 62.9 102.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

Tot Ion:136 Resp: 721200

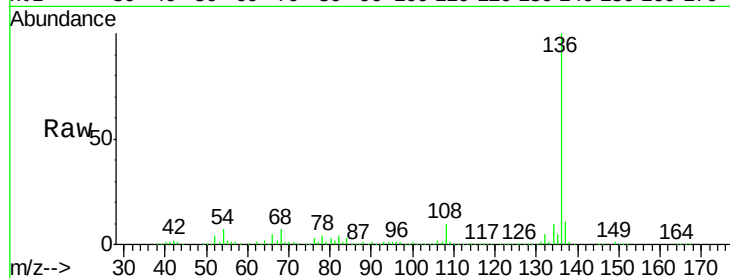
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.4 6.2 9.2

68 6.6 5.5 8.3

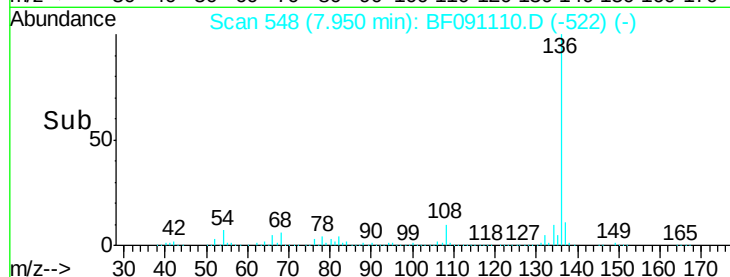


Abundance Ion 136.00 (135.70 to 136.70): E

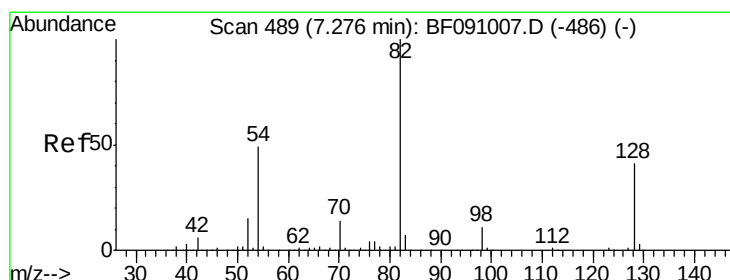
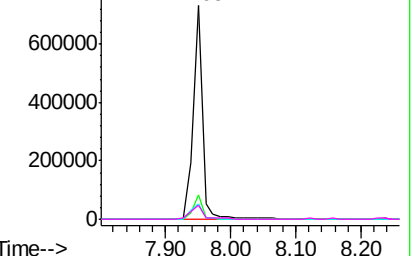
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 68.48 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

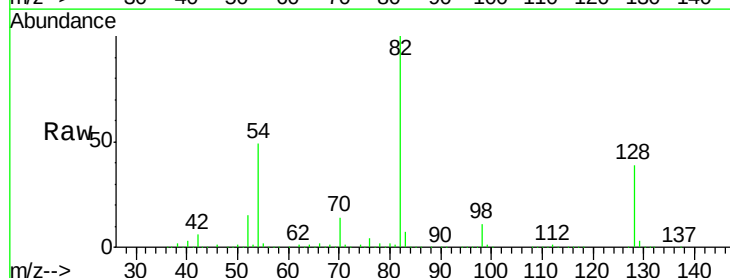
Tgt Ion: 82 Resp: 905293

Ion Ratio Lower Upper

82 100

128 39.4 32.4 48.6

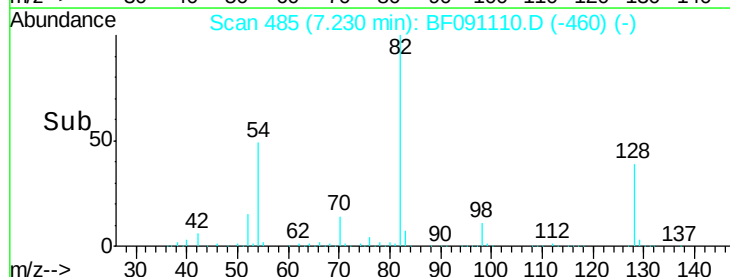
54 49.4 39.2 58.8



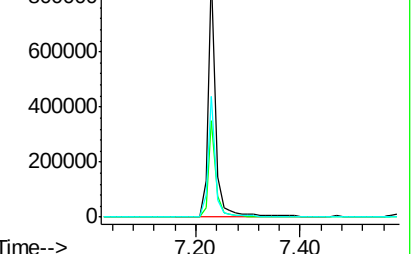
Abundance Ion 82.00 (81.70 to 82.70): BF0

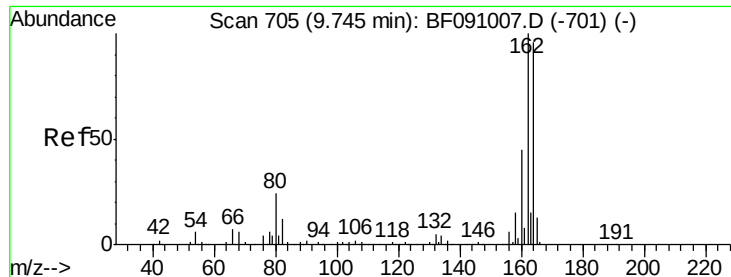
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

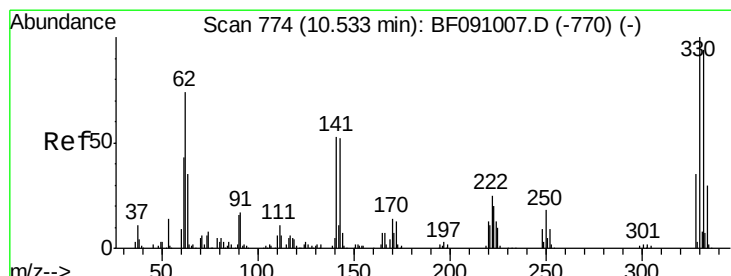
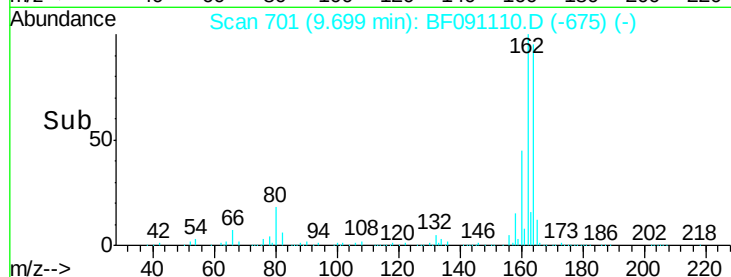
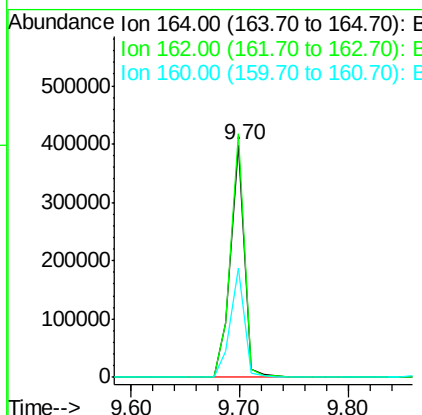
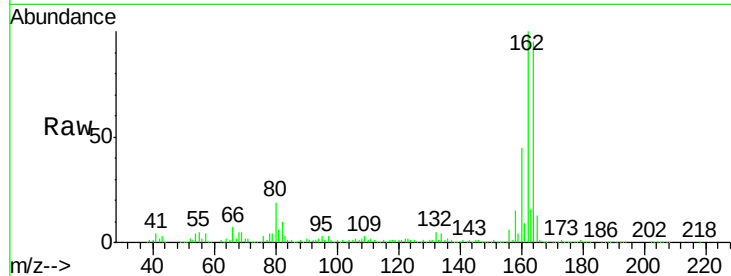




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF091110.D
 Acq: 9 Nov 2016 5:05

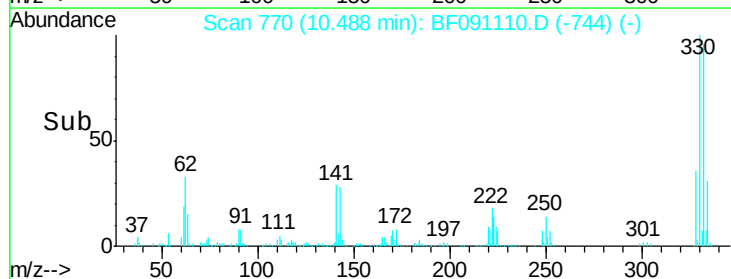
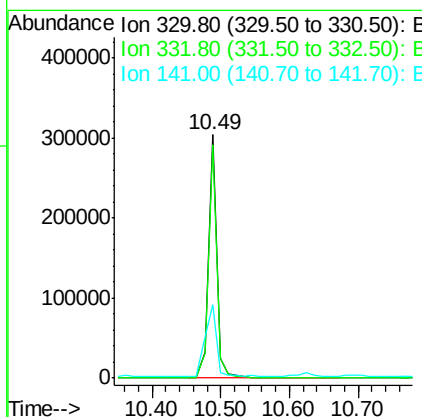
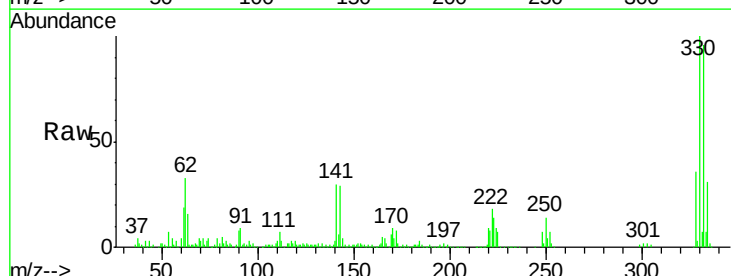
Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

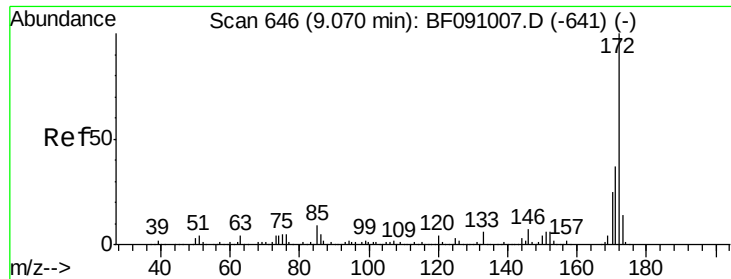
Tot Ion:164 Resp: 352033
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.6 125.4
 160 47.3 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 81.31 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091110.D
 Acq: 9 Nov 2016 5:05

Tgt Ion:330 Resp: 258770
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 41.2 36.1 54.1





#44

2-Fluorobiphenyl

Concen: 56.60 ng

RT: 9.02 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

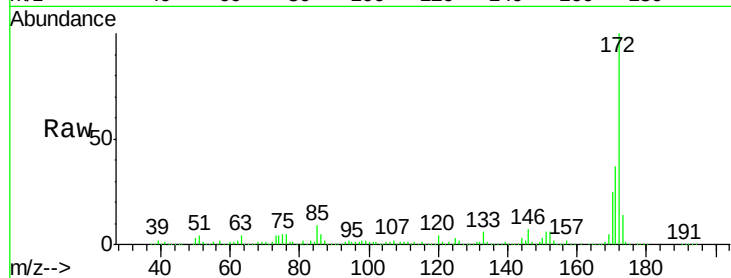
BNA_F

ClientSampleId :

EAST-SIDEWALL

Tot Ion:172 Resp: 1157340

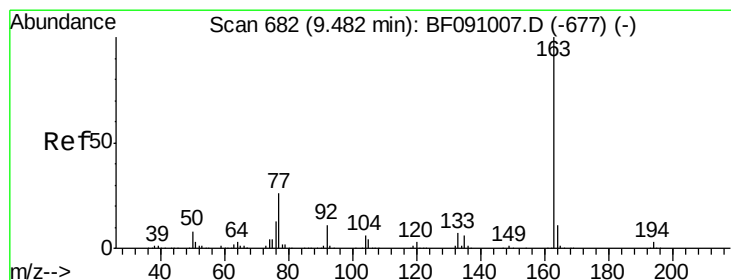
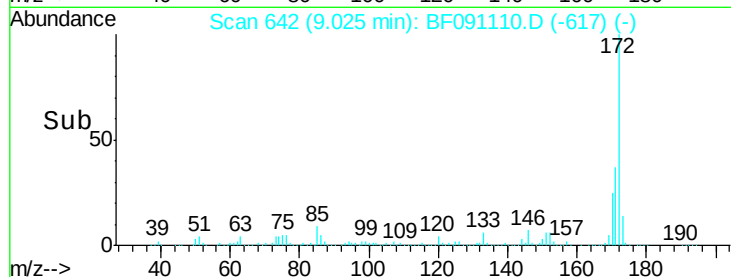
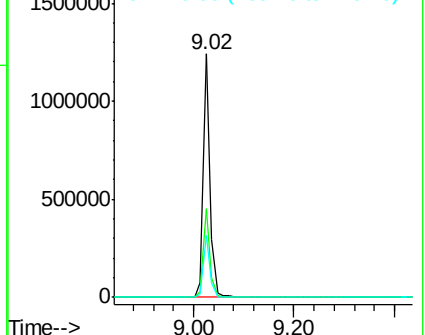
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	25.2	20.3	30.5



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: 9.31 ng

RT: 9.42 min Scan# 677

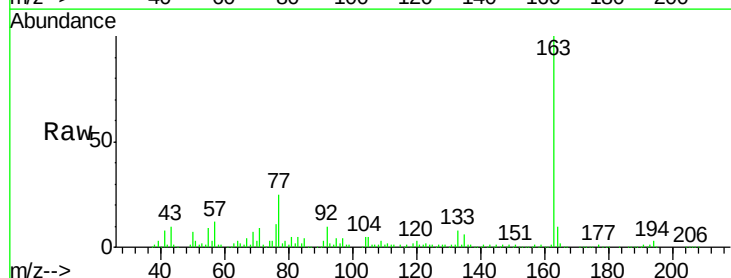
Delta R.T. -0.01 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Tgt Ion:163 Resp: 214957

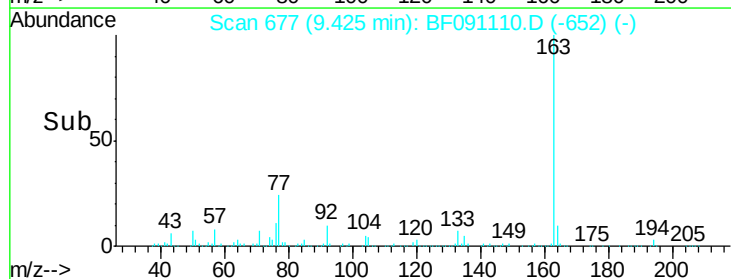
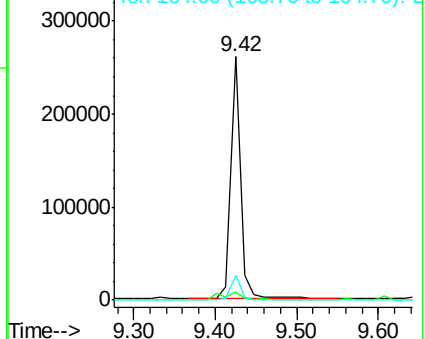
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.9	8.7	13.1

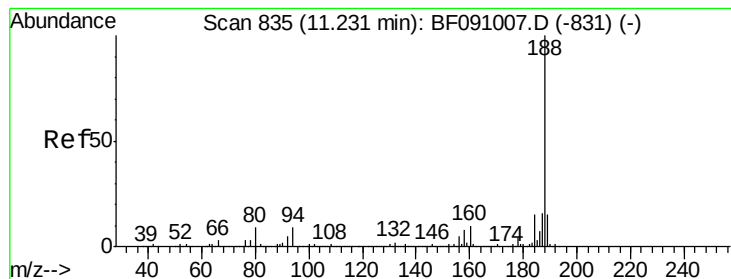


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

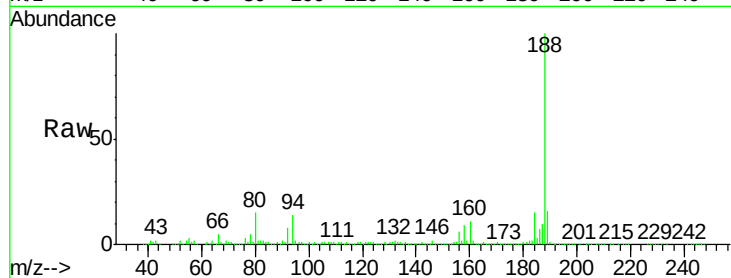
Tot Ion:188 Resp: 451712

Ion Ratio Lower Upper

188 100

94 13.7 7.0 10.4#

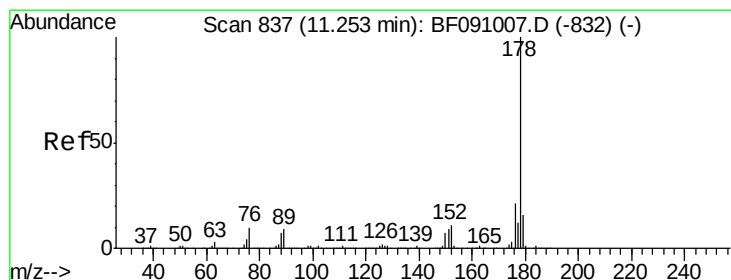
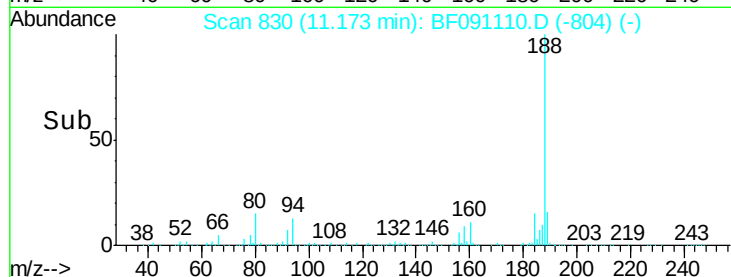
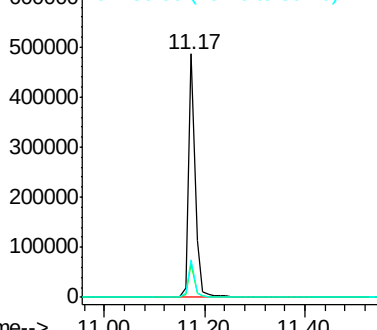
80 15.3 7.5 11.3#



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



#70

Phenanthrene

Concen: 4.47 ng

RT: 11.20 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

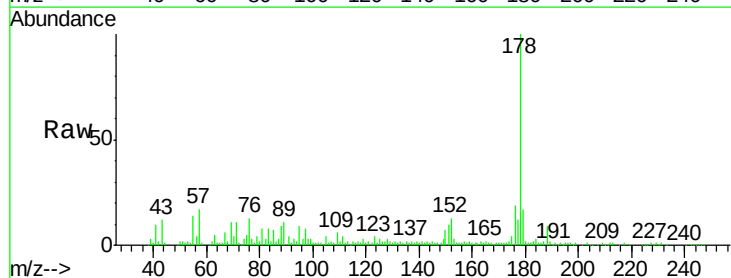
Tgt Ion:178 Resp: 107313

Ion Ratio Lower Upper

178 100

176 18.9 16.6 25.0

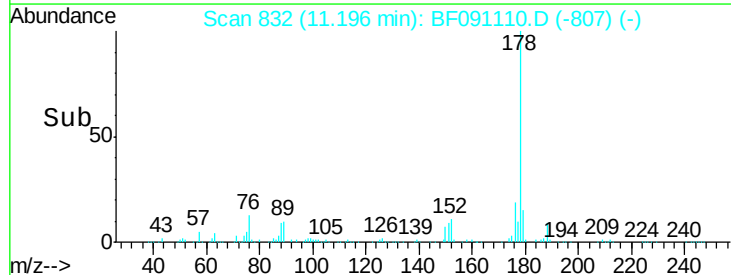
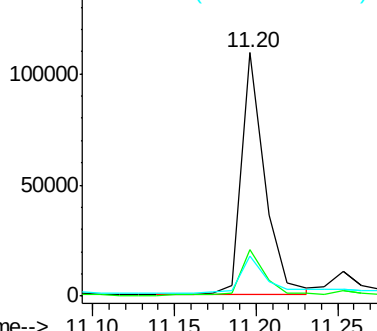
179 16.7 12.9 19.3

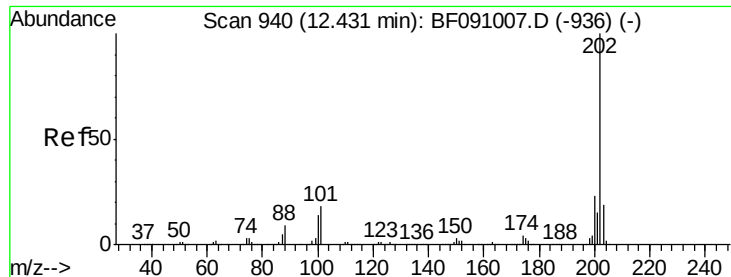


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

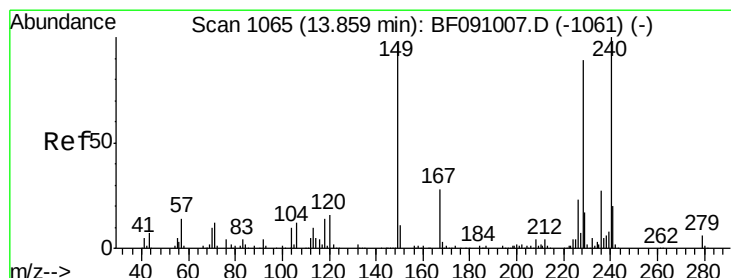
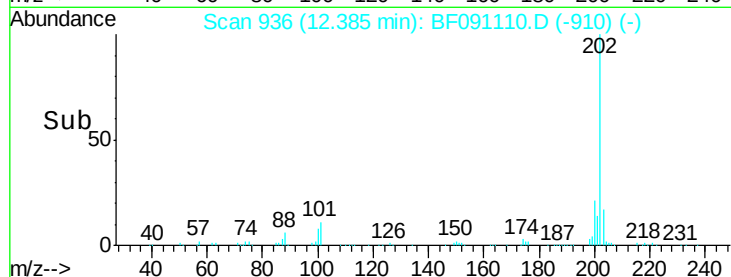
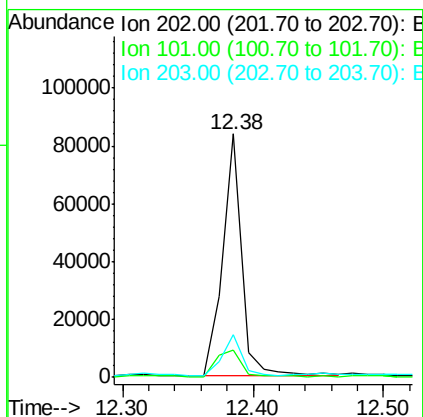
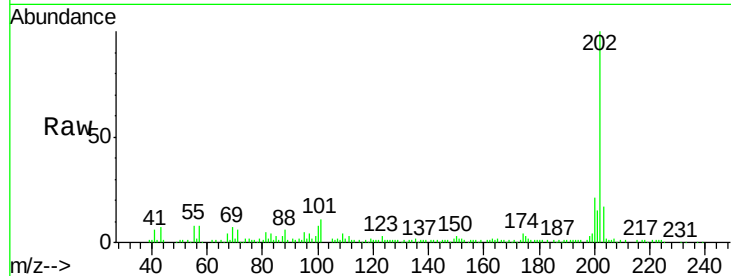




#74
Fluoranthene
Concen: 3.42 ng
RT: 12.38 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF091110.D
Acq: 9 Nov 2016 5:05

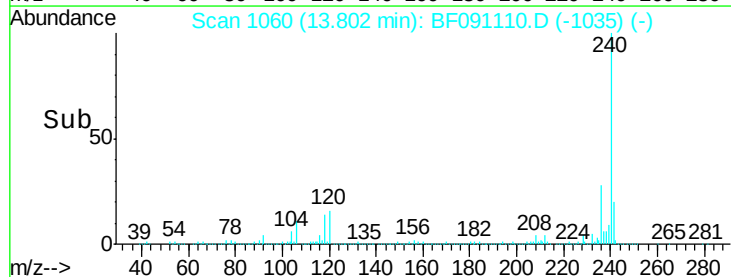
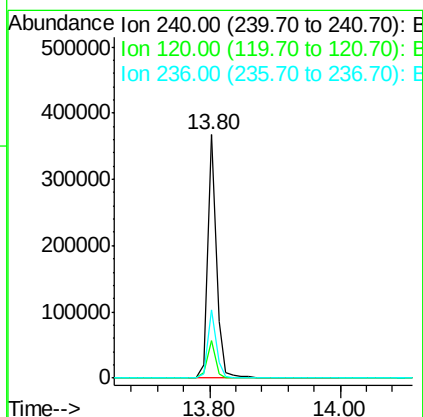
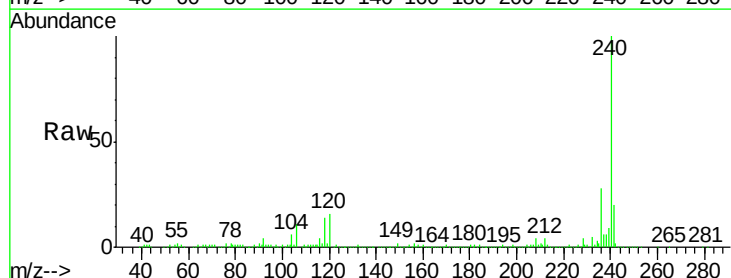
Instrument :
BNA_F
ClientSampled :
EAST-SIDEWALL

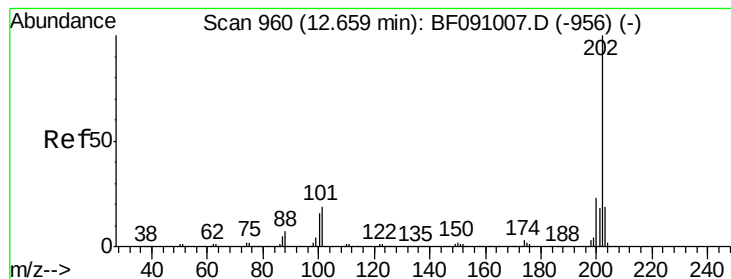
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	37.6
203	17.3	0.0	38.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091110.D
Acq: 9 Nov 2016 5:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	12.9	19.3
236	28.1	21.9	32.9





#77

Pvrene

Concen: 3.34 ng

RT: 12.61 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL

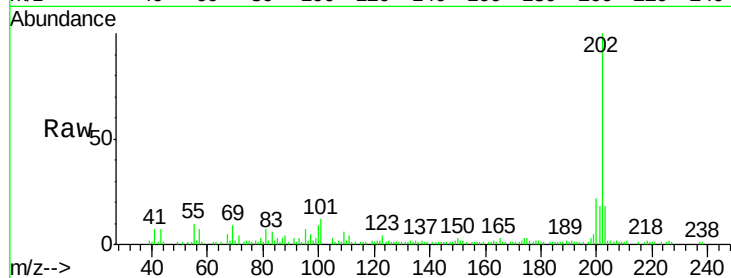
Tot Ion:202 Resp: 75560

Ion Ratio Lower Upper

202 100

200 21.9 18.4 27.6

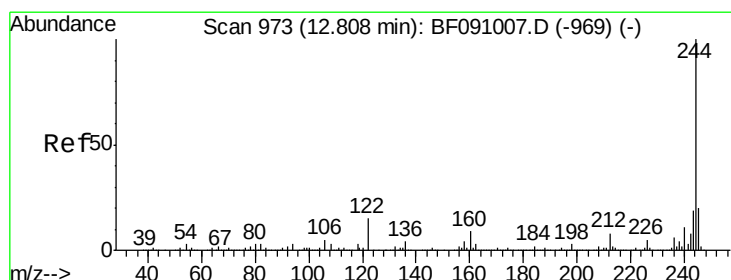
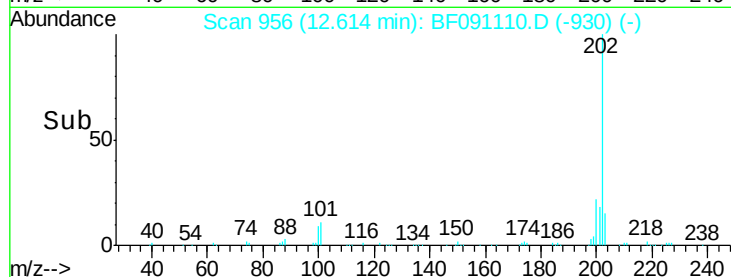
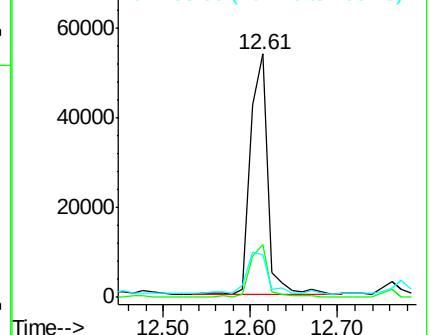
203 17.7 15.0 22.6



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



#78

Terphenyl-d14

Concen: 61.75 ng

RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF091110.D

Acq: 9 Nov 2016 5:05

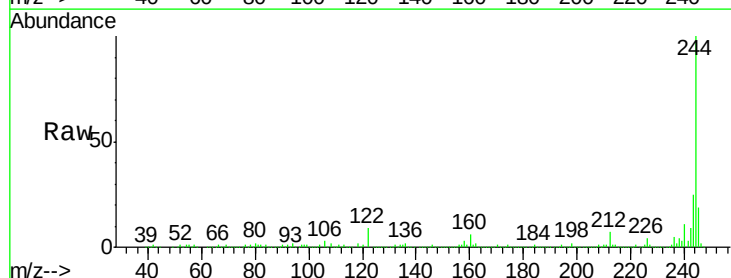
Tgt Ion:244 Resp: 854325

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

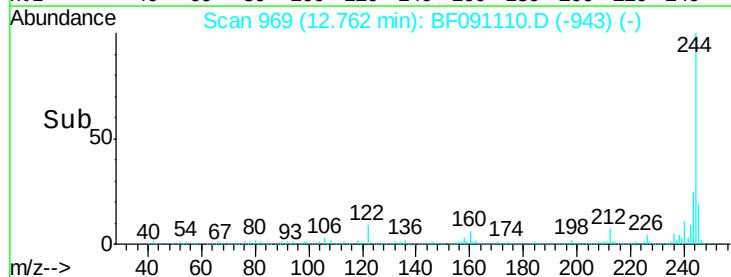
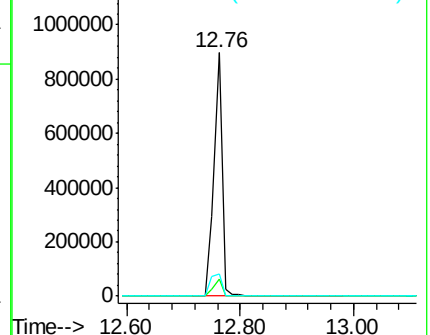
122 9.2 12.3 18.5#

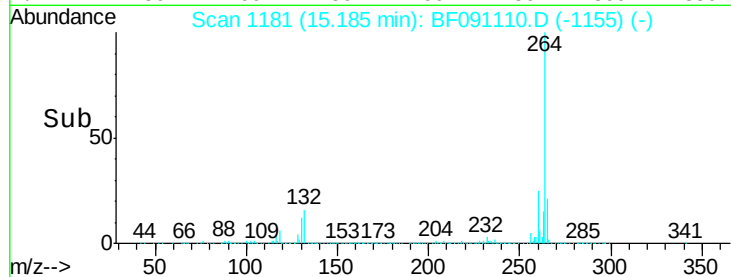
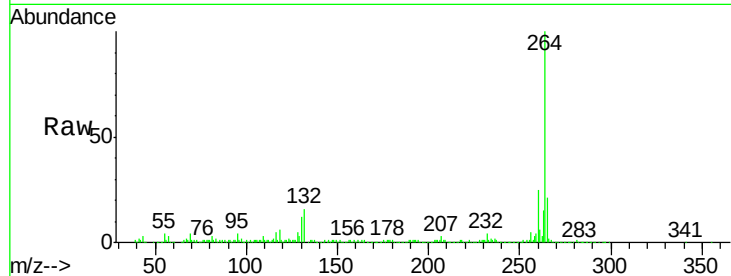
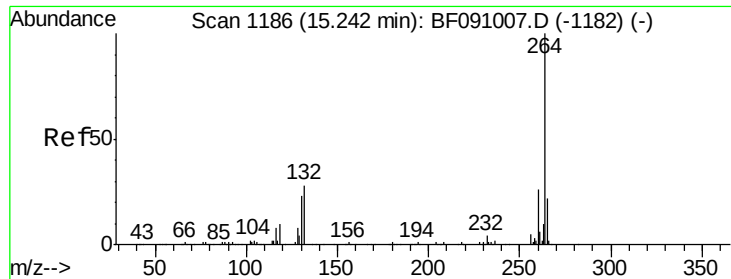


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF091110.D
Acq: 9 Nov 2016 5:05

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.5	17.8	26.8

