

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091196.D
 Acq On : 16 Nov 2016 18:59
 Operator : UM/SJ
 Sample : H5636-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19013041

Quant Time: Nov 17 00:34:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

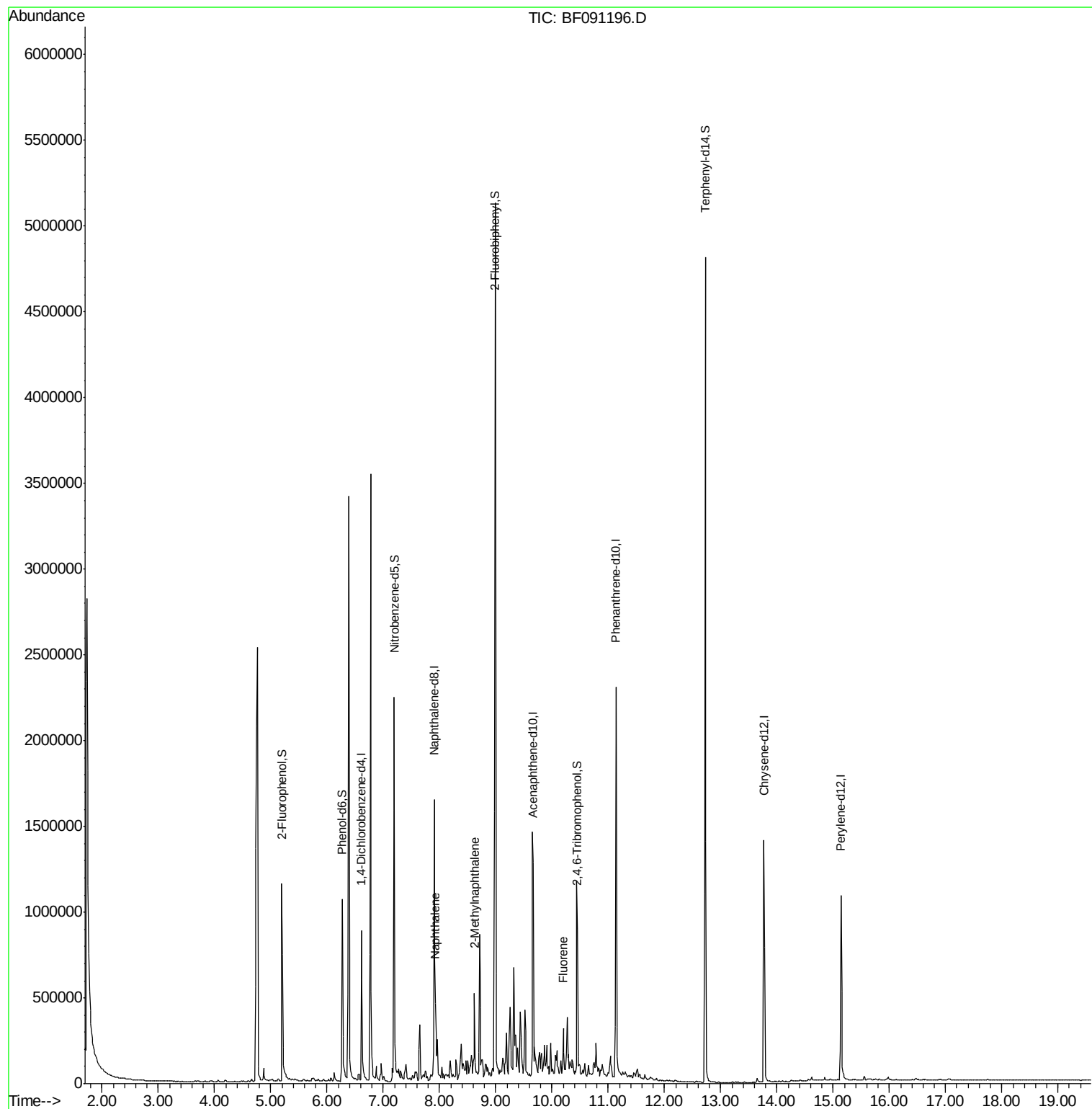
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	187096	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	793491	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	433524	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	773941	20.00	ng	0.00
75) Chrysene-d12	13.77	240	581487	20.00	ng	-0.01
86) Perylene-d12	15.14	264	458782	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	484532	42.77	ng	0.00
7) Phenol-d6	6.27	99	443173	28.82	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1067394	73.38	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	162429	41.44	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1705391	67.73	ng	0.00
78) Terphenyl-d14	12.73	244	1693737	72.69	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	7.93	128	180960	4.77	ng	98
37) 2-Methylnaphthalene	8.62	142	143454	5.88	ng	99
57) Fluorene	10.20	166	63223	2.44	ng	97

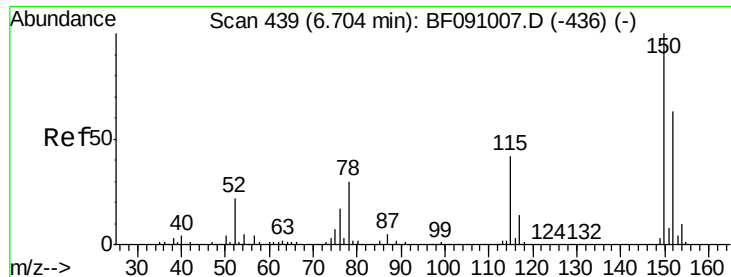
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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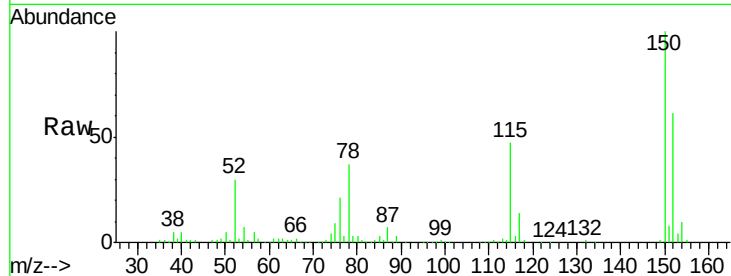


#1

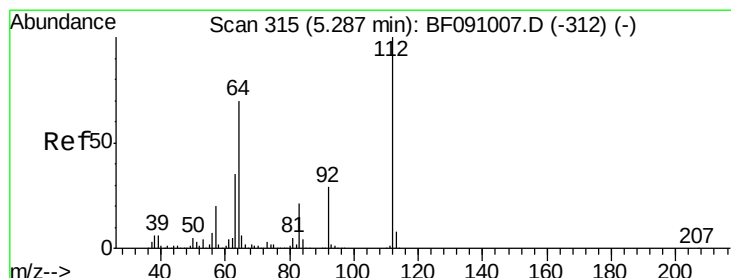
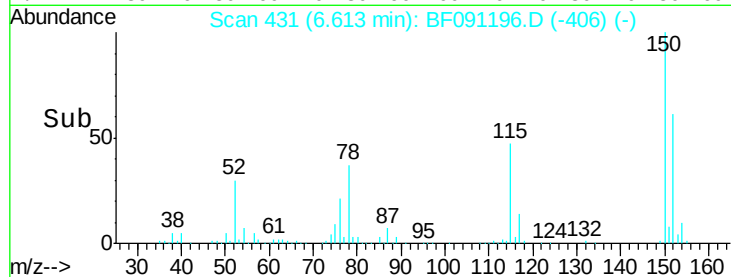
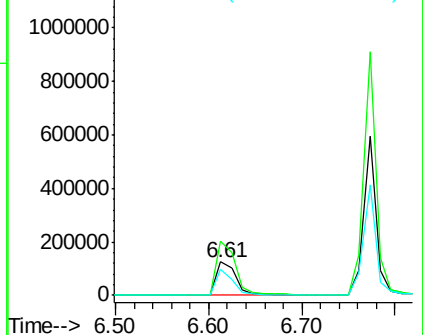
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion:152 Resp: 187096
Ion Ratio Lower Upper
152 100
150 163.2 126.8 190.2
115 76.5 53.3 79.9



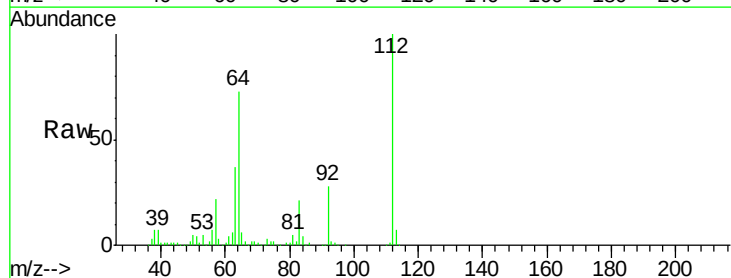
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



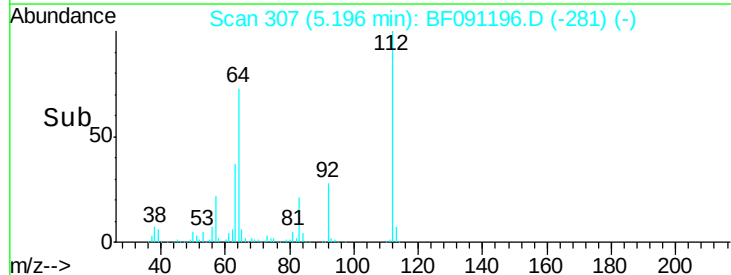
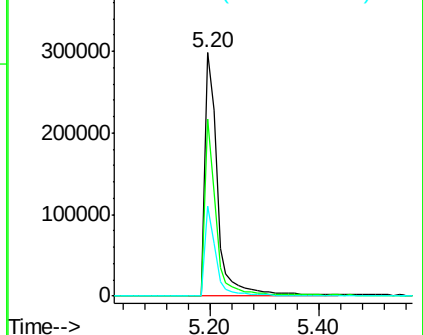
#5

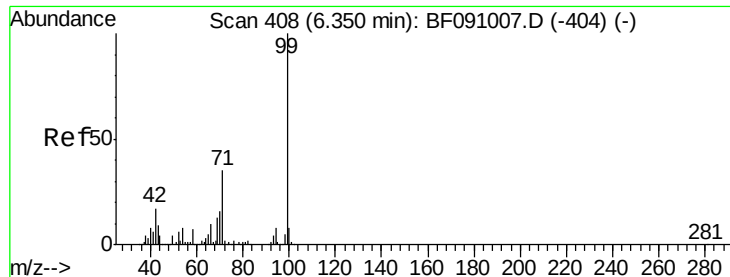
2-Fluorophenol
Concen: 42.77 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.00 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion:112 Resp: 484532
Ion Ratio Lower Upper
112 100
64 72.8 55.8 83.6
63 36.7 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: 28.82 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091196.D

Acq: 16 Nov 2016 18:59

Instrument :

BNA_F

ClientSampleId :

C19013041

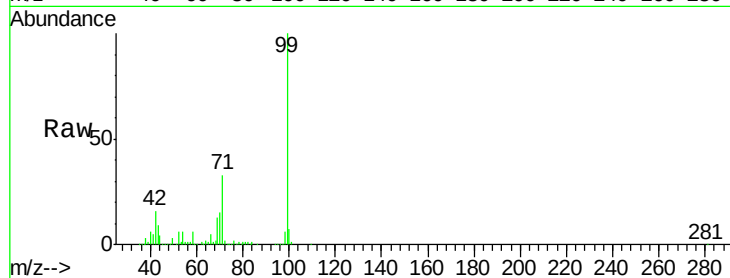
Tgt Ion: 99 Resp: 443173

Ion Ratio Lower Upper

99 100

42 15.6 13.9 20.9

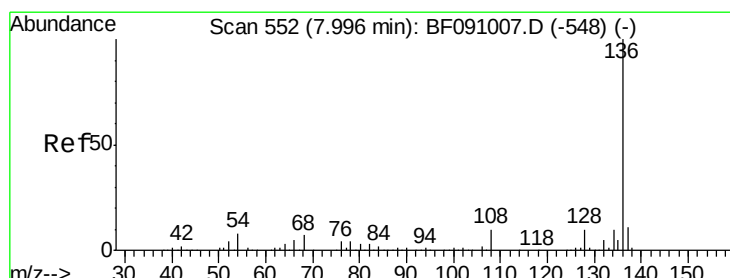
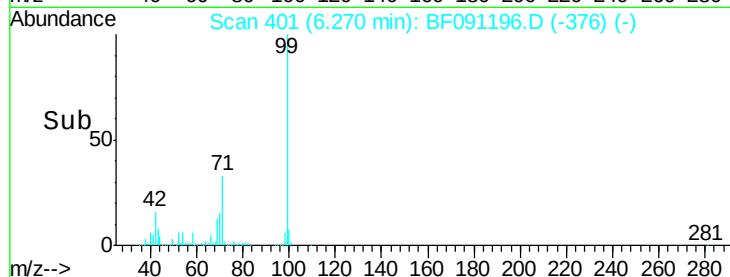
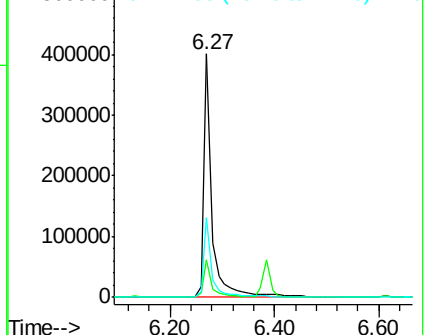
71 32.8 27.8 41.8



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: 7.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF091196.D

Acq: 16 Nov 2016 18:59

Tgt Ion: 136 Resp: 793491

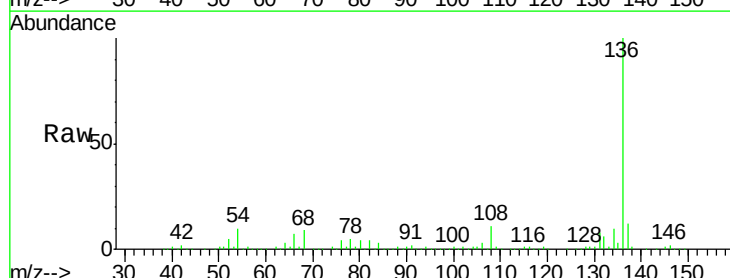
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 10.2 6.2 9.2#

68 8.6 5.5 8.3#

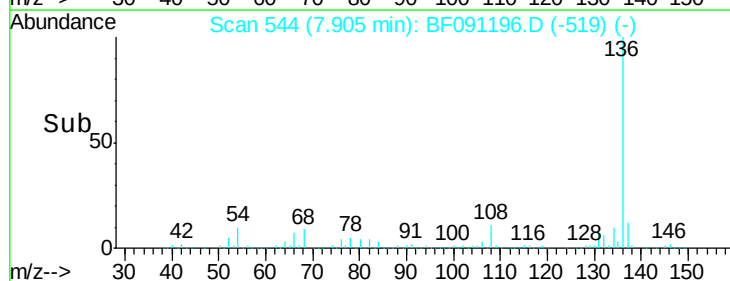
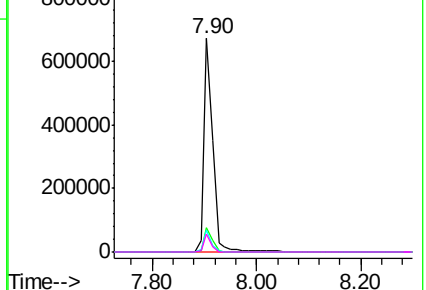


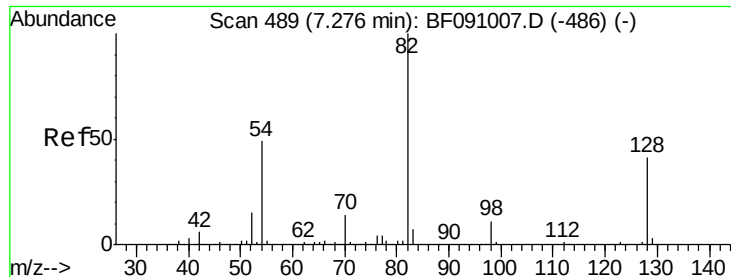
Abundance Ion 136.00 (135.70 to 136.70): E

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

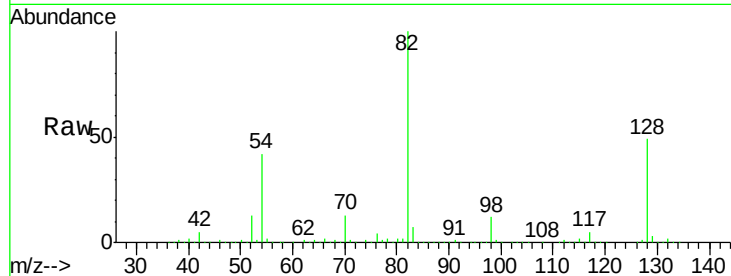




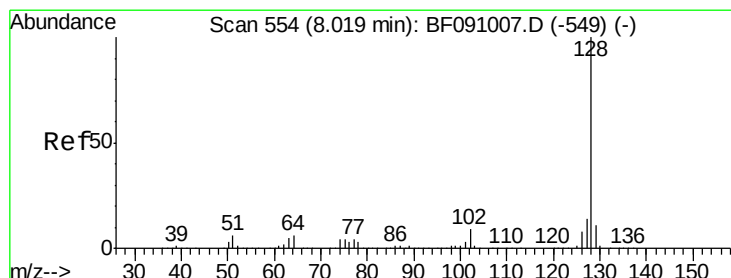
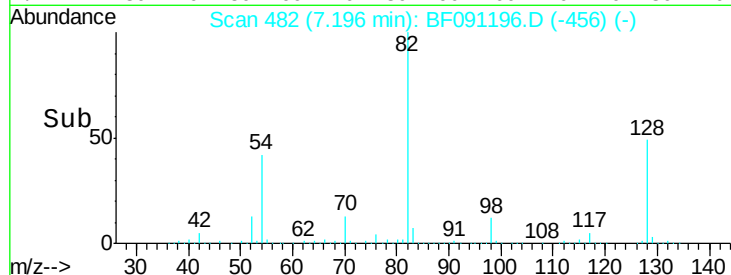
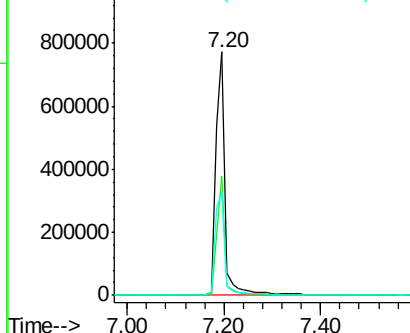
#23
Nitrobenzene-d5
Concen: 73.38 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion: 82 Resp: 1067394
Ion Ratio Lower Upper
82 100
128 48.9 32.4 48.6#
54 42.3 39.2 58.8

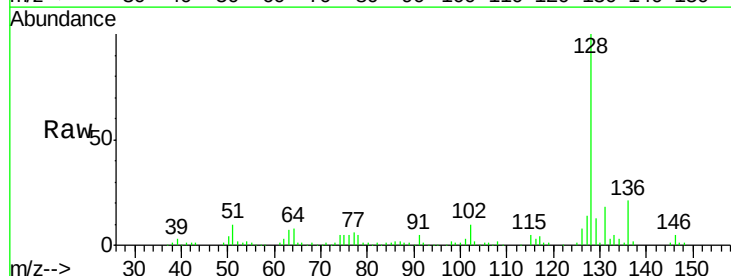


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

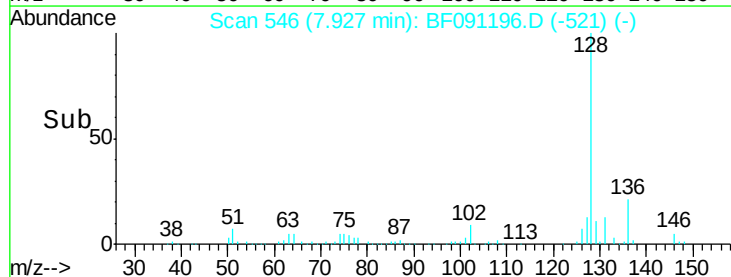
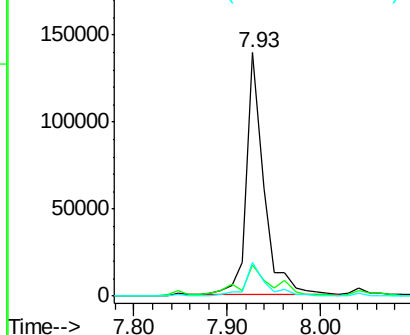


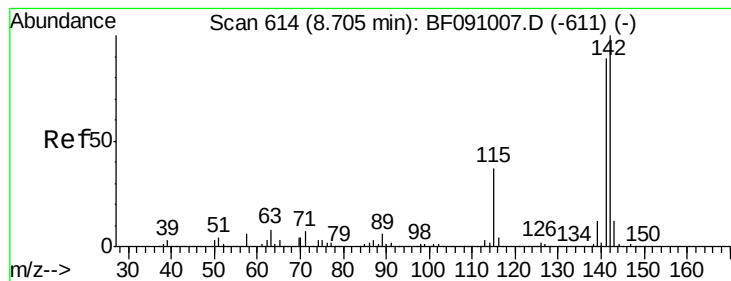
#31
Naphthalene
Concen: 4.77 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Tgt Ion: 128 Resp: 180960
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.6
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 5.88 ng

RT: 8.62 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF091196.D

Acq: 16 Nov 2016 18:59

Instrument :

BNA_F

ClientSampleId :

C19013041

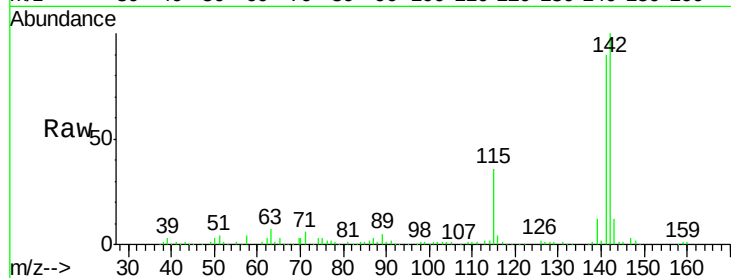
Tgt Ion:142 Resp: 143454

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9

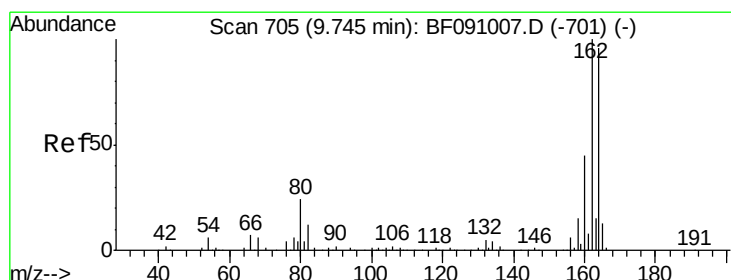
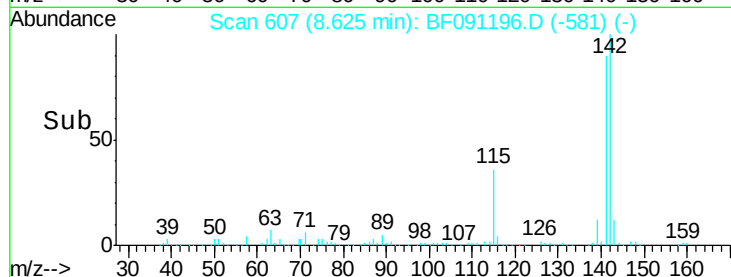
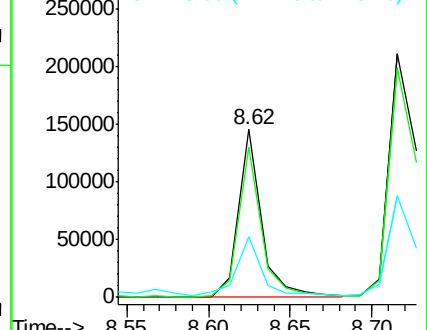
115 36.2 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF091196.D

Acq: 16 Nov 2016 18:59

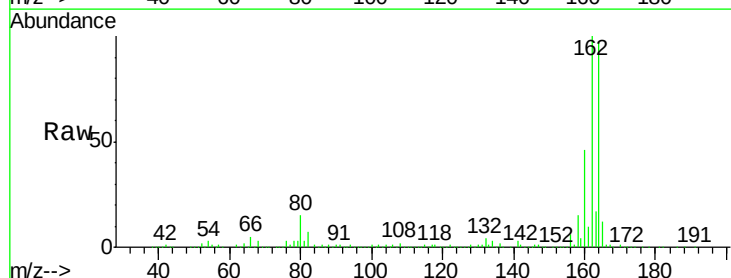
Tgt Ion:164 Resp: 433524

Ion Ratio Lower Upper

164 100

162 102.7 83.6 125.4

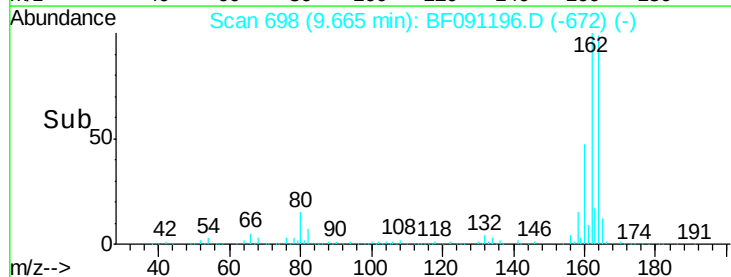
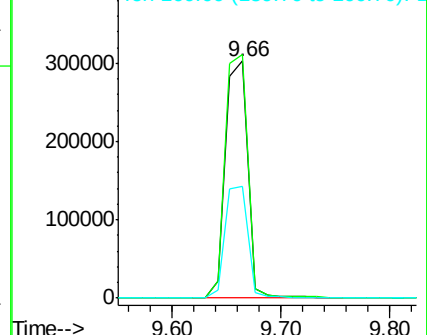
160 47.2 37.9 56.9

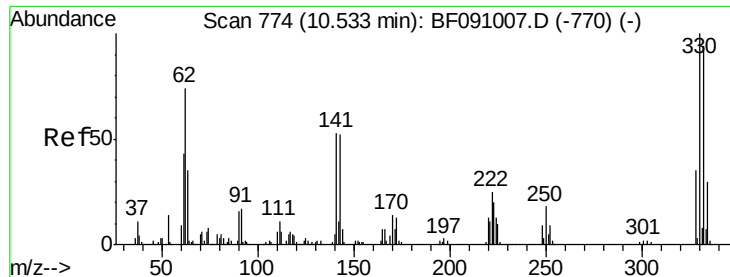


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

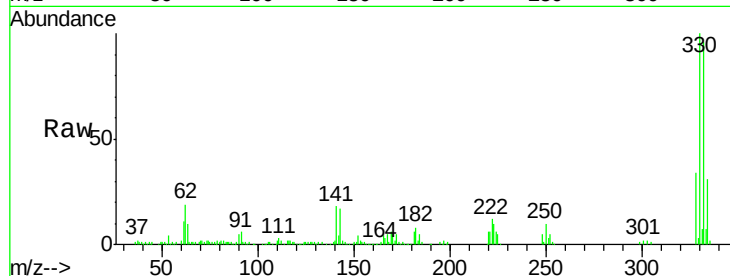




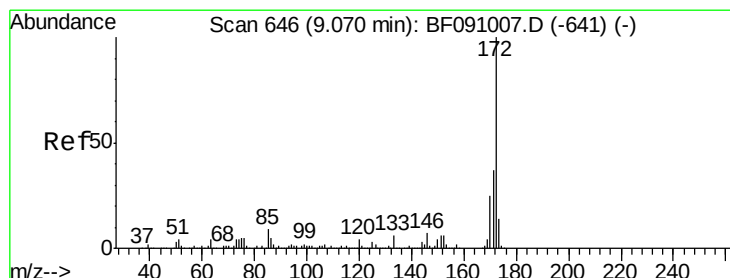
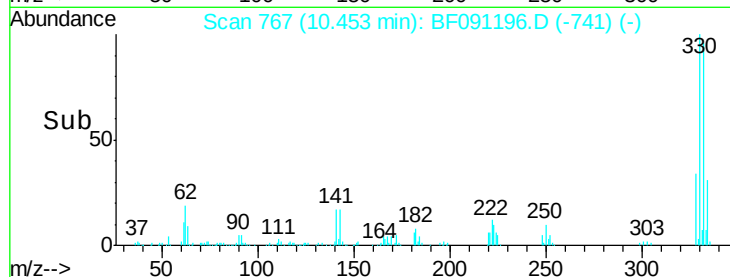
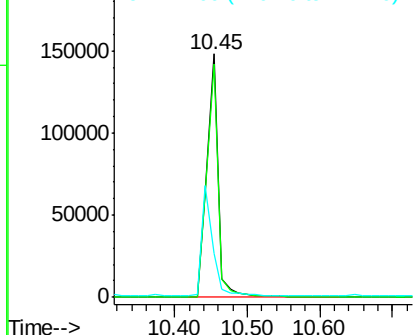
#41
 2,4,6-Tribromophenol
 Concen: 41.44 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF091196.D
 Acq: 16 Nov 2016 18:59

Instrument :
 BNA_F
 ClientSampleId :
 C19013041

Tgt Ion:330 Resp: 162429
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.9 113.9
 141 43.6 36.1 54.1

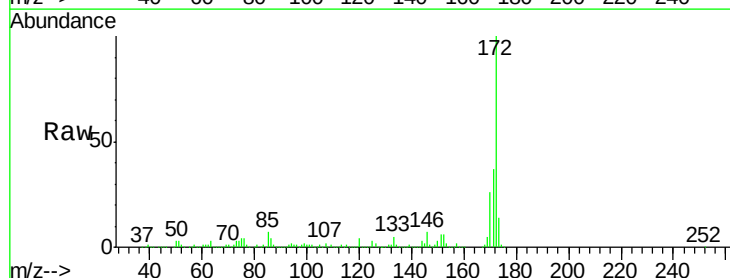


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

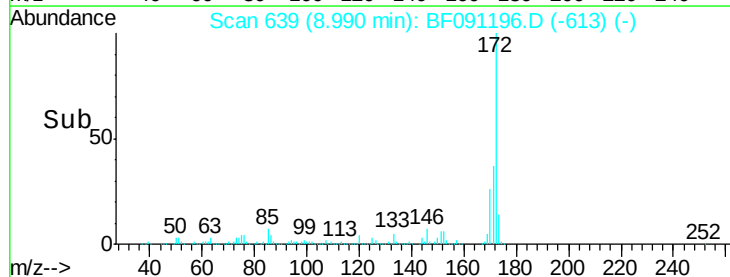
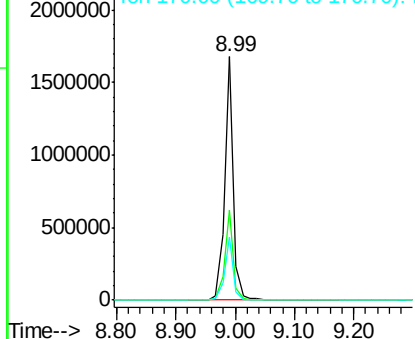


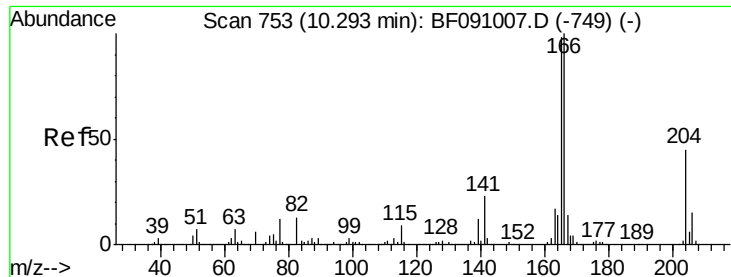
#44
 2-Fluorobiphenyl
 Concen: 67.73 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091196.D
 Acq: 16 Nov 2016 18:59

Tgt Ion:172 Resp: 1705391
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.8 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

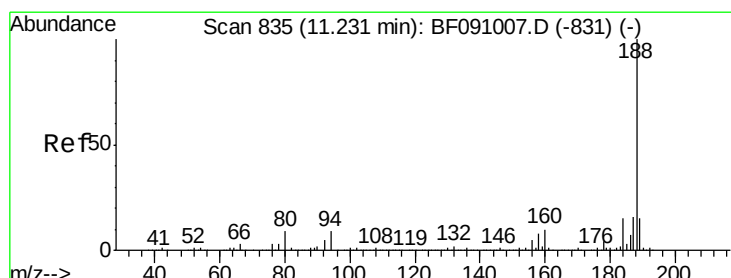
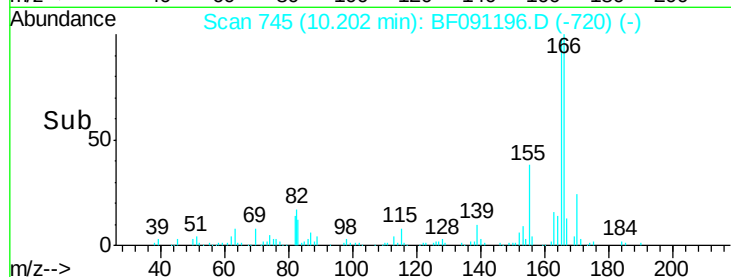
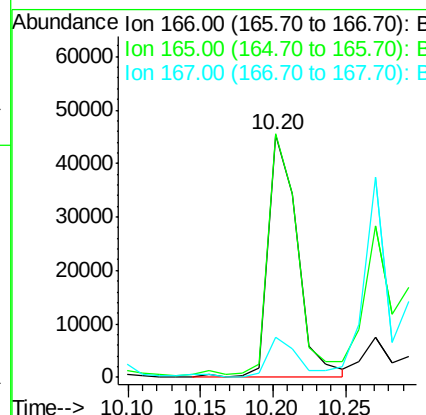
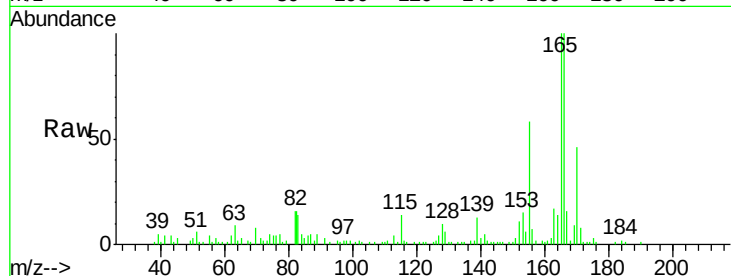




#57
 Fluorene
 Concen: 2.44 ng
 RT: 10.20 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091196.D
 Acq: 16 Nov 2016 18:59

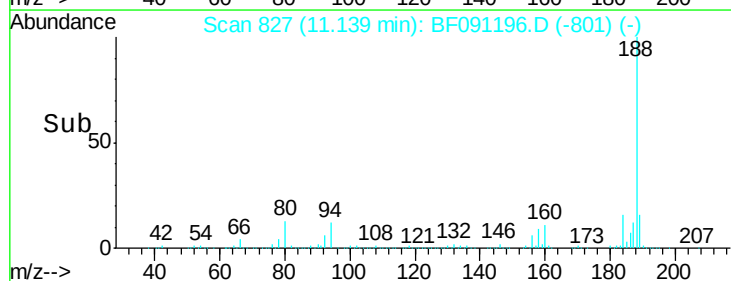
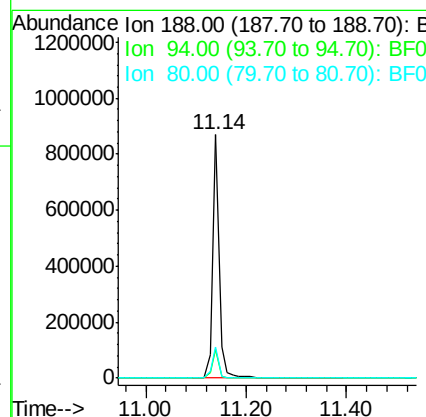
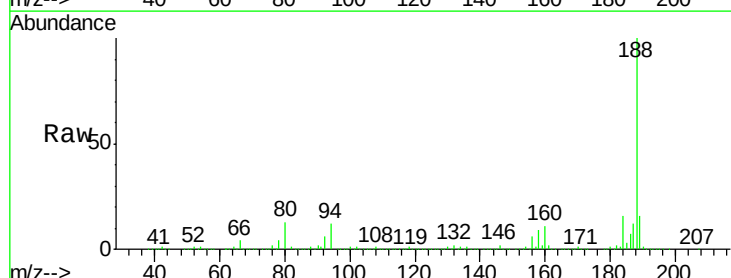
Instrument :
 BNA_F
 ClientSampleId :
 C19013041

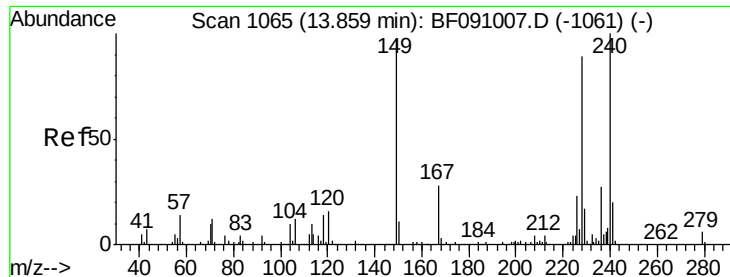
Tgt Ion:166 Resp: 63223
 Ion Ratio Lower Upper
 166 100
 165 100.4 78.6 118.0
 167 16.5 11.1 16.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF091196.D
 Acq: 16 Nov 2016 18:59

Tgt Ion:188 Resp: 773941
 Ion Ratio Lower Upper
 188 100
 94 11.6 7.0 10.4#
 80 12.6 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF091196.D

Acq: 16 Nov 2016 18:59

Instrument :

BNA_F

ClientSampleId :

C19013041

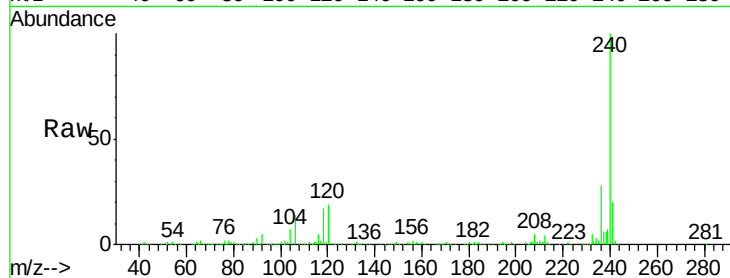
Tgt Ion:240 Resp: 581487

Ion Ratio Lower Upper

240 100

120 19.2 12.9 19.3

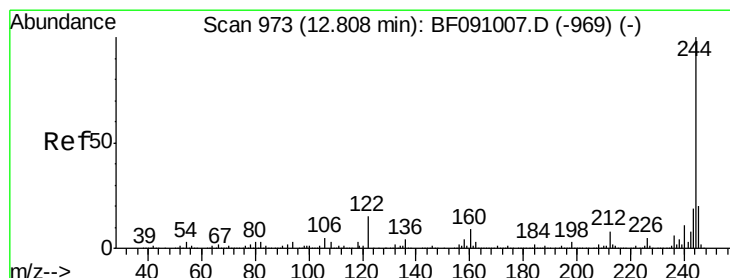
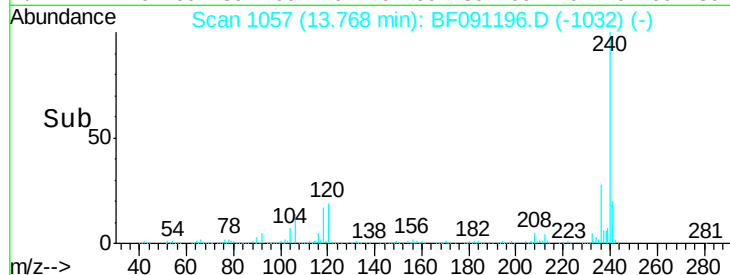
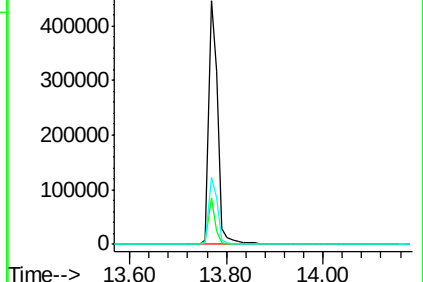
236 27.8 21.9 32.9



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: 72.69 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF091196.D

Acq: 16 Nov 2016 18:59

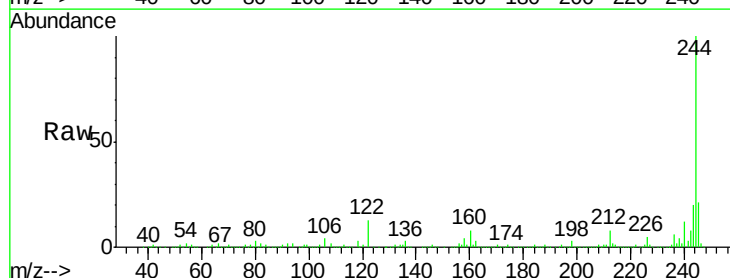
Tgt Ion:244 Resp: 1693737

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

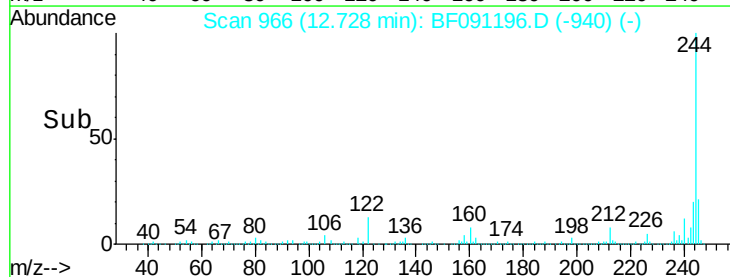
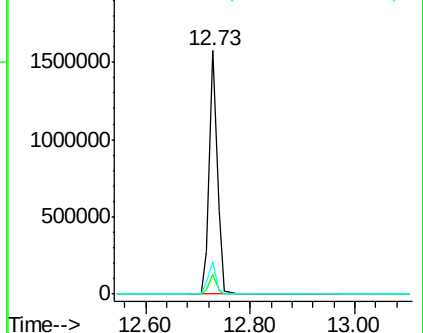
122 13.3 12.3 18.5

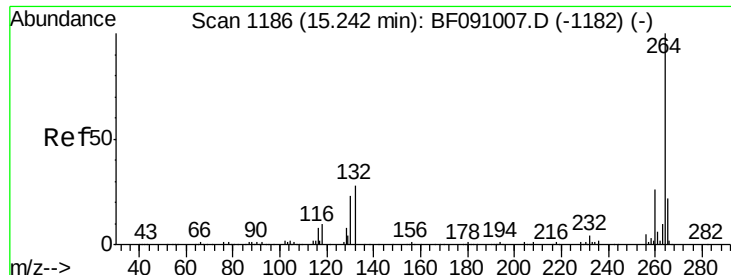


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

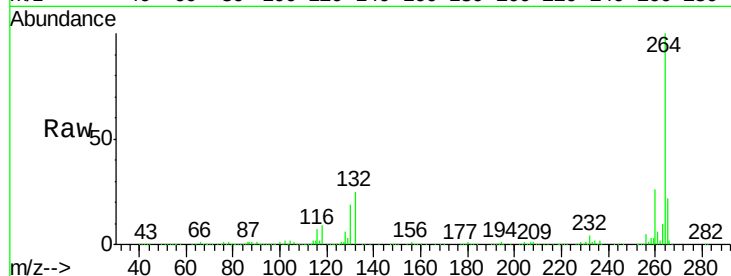




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF091196.D
Acq: 16 Nov 2016 18:59

Instrument :
BNA_F
ClientSampleId :
C19013041

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.6	30.8
265	22.1	17.8	26.8



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

