

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091751.D
 Acq On : 18 Dec 2016 22:04
 Operator : UM/SJ
 Sample : H6099-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-B-121316

Quant Time: Dec 19 03:42:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

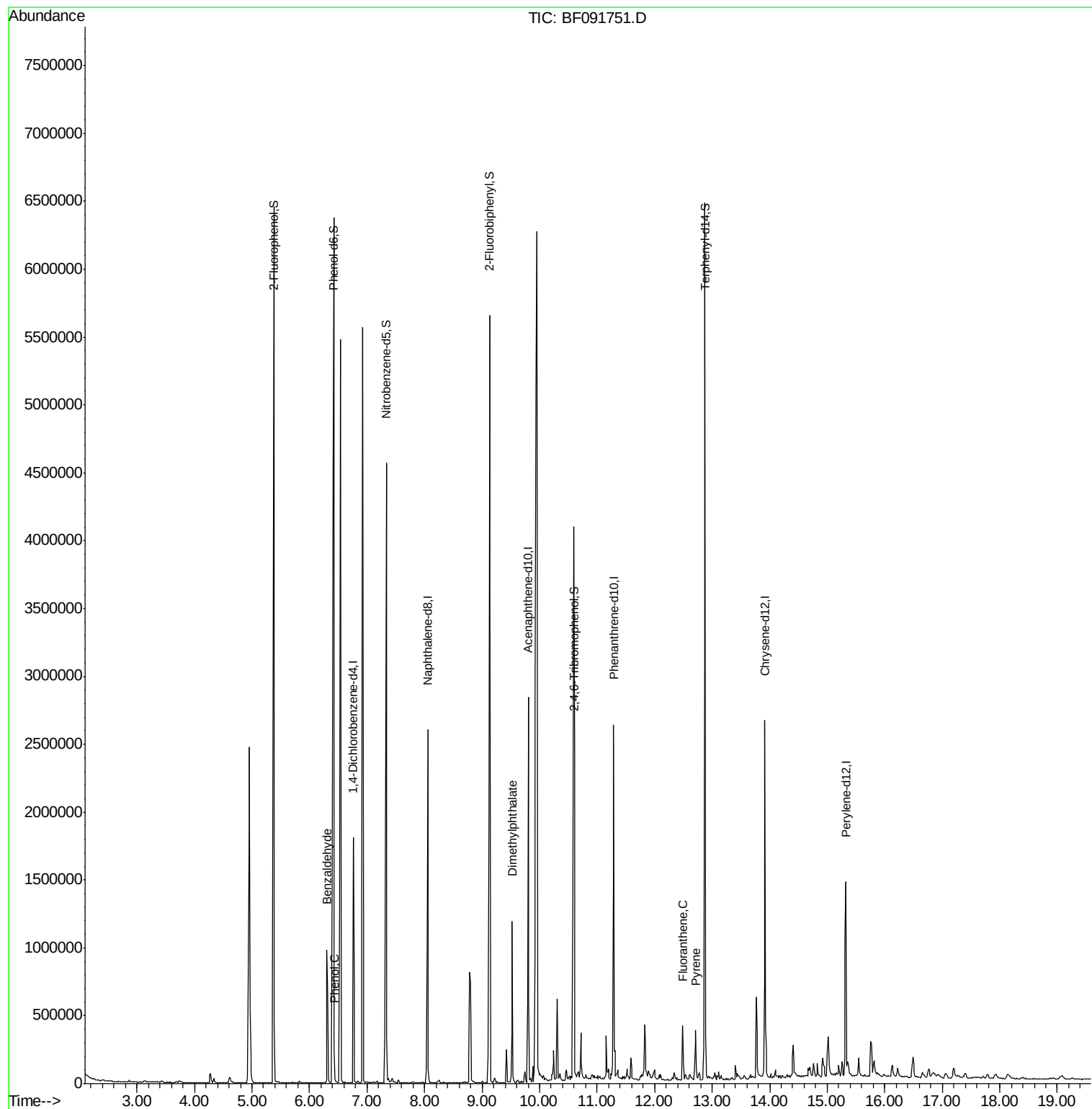
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	295464	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1301472	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	655552	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1145715	20.00	ng	0.00
75) Chrysene-d12	13.92	240	859105	20.00	ng	-0.01
86) Perylene-d12	15.32	264	705671	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2011325	114.05	ng	0.01
7) Phenol-d6	6.42	99	2978918	138.50	ng	0.00
23) Nitrobenzene-d5	7.33	82	1746879	77.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	741892	133.46	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	2666631	81.72	ng	-0.01
78) Terphenyl-d14	12.88	244	2206105	64.84	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	260873	17.64	ng	Qvalue 91
10) Phenol	6.43	94	101742	4.20	ng	# 58
49) Dimethylphthalate	9.53	163	517793	12.09	ng	99
74) Fluoranthene	12.49	202	165163	2.76	ng	97
77) Pyrene	12.72	202	140154	2.26	ng	99

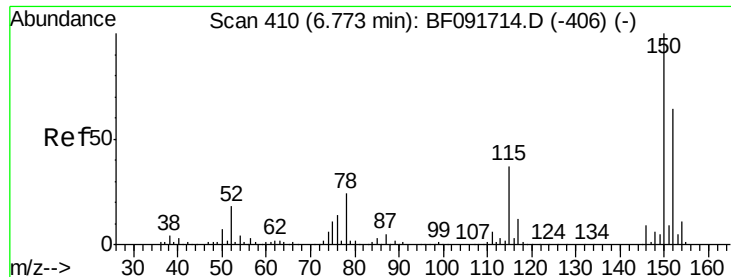
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

Instrument :

BNA_F

ClientSampleId :

DUP-B-121316

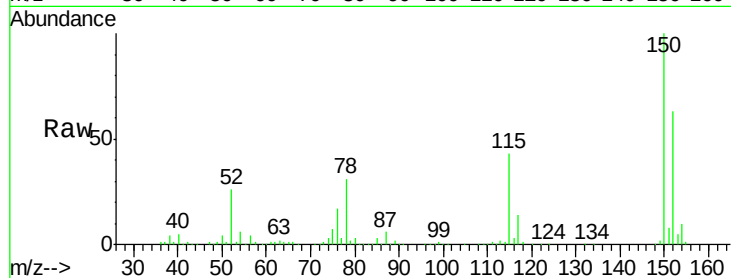
Tot Ion:152 Resp: 295464

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

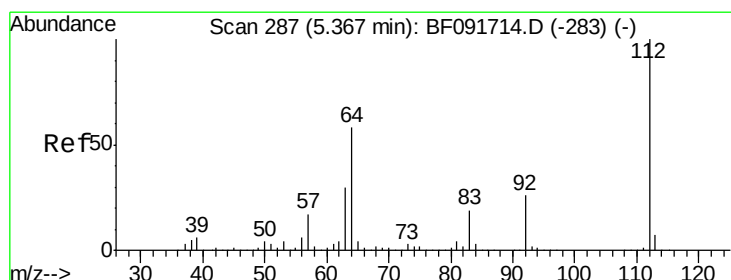
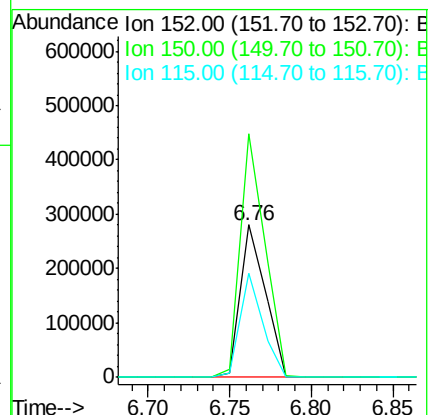
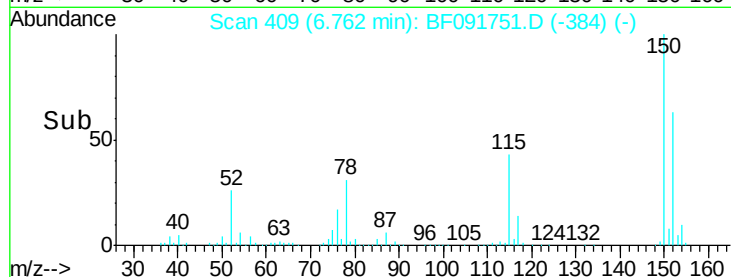
115 68.0 46.0 69.0



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: 114.05 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

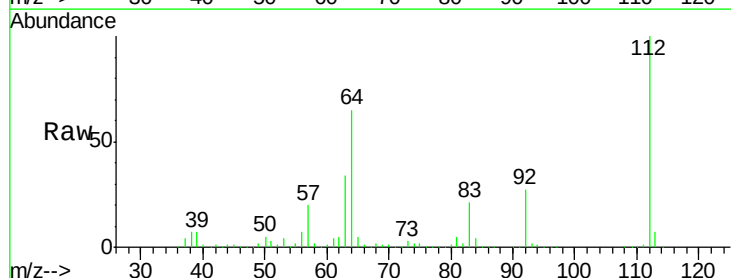
Tgt Ion:112 Resp: 2011325

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

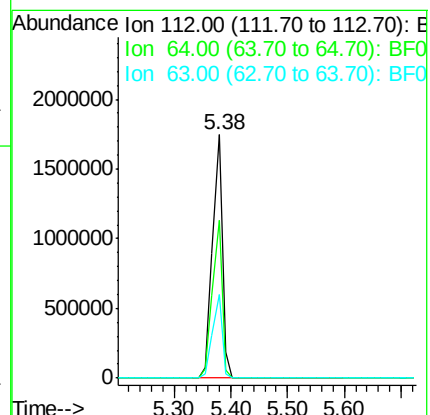
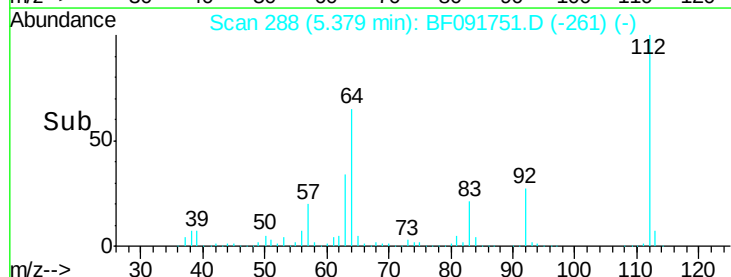
63 34.1 23.8 35.6

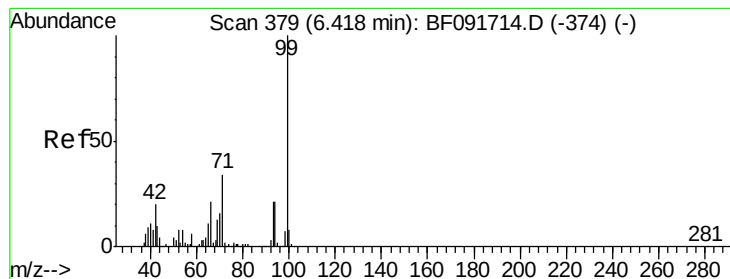


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.50 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

Instrument :

BNA_F

ClientSampleId :

DUP-B-121316

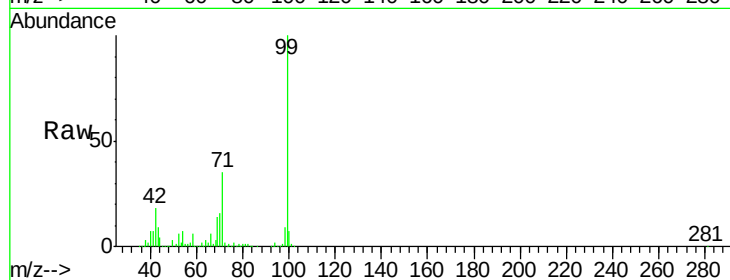
Tot Ion: 99 Resp: 2978918

Ion Ratio Lower Upper

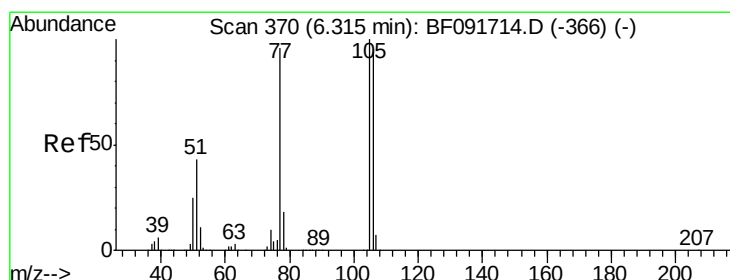
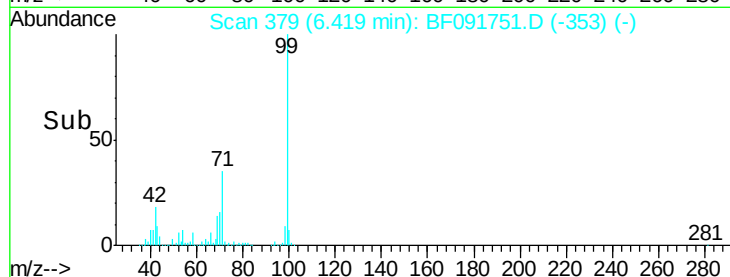
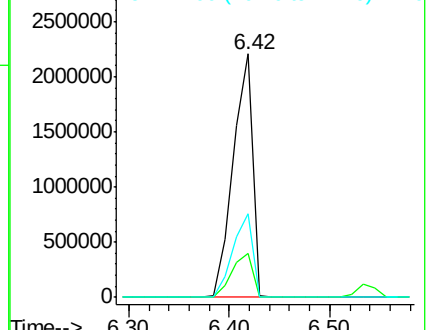
99 100

42 18.1 15.6 23.4

71 34.6 27.5 41.3



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



#9

Benzaldehyde

Concen: 17.64 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

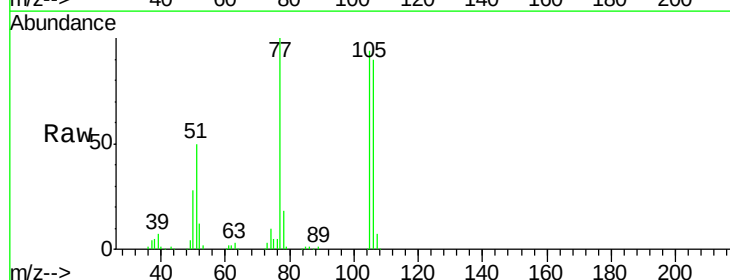
Tgt Ion: 77 Resp: 260873

Ion Ratio Lower Upper

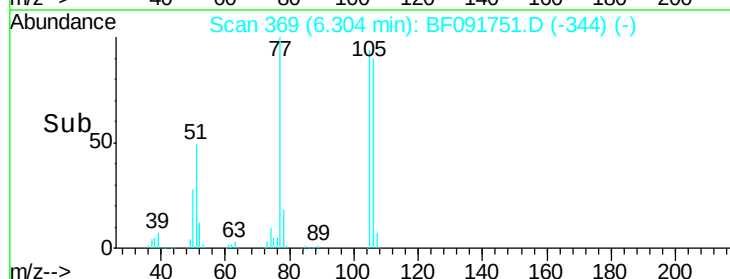
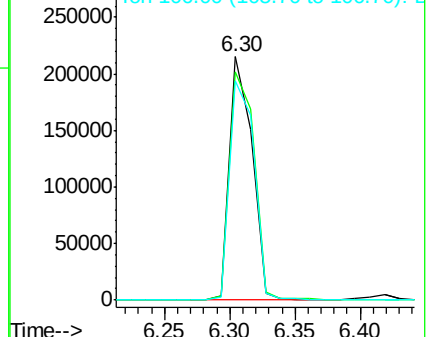
77 100

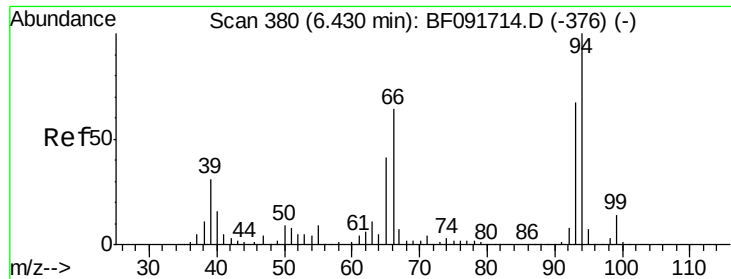
105 93.9 83.9 123.9

106 90.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 4.20 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

Instrument :

BNA_F

ClientSampleId :

DUP-B-121316

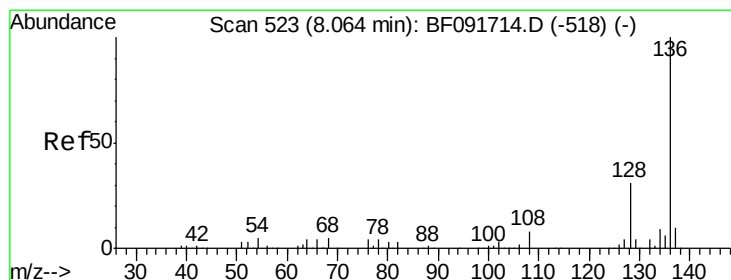
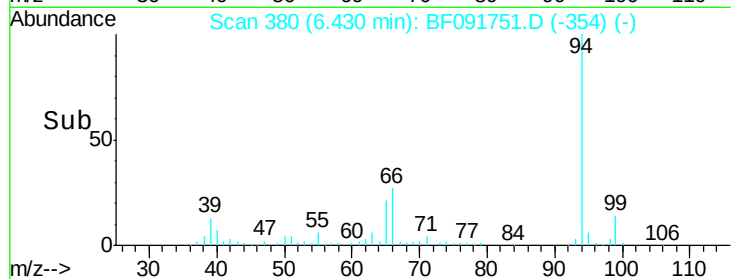
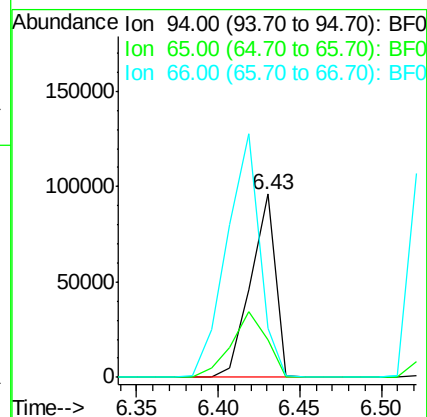
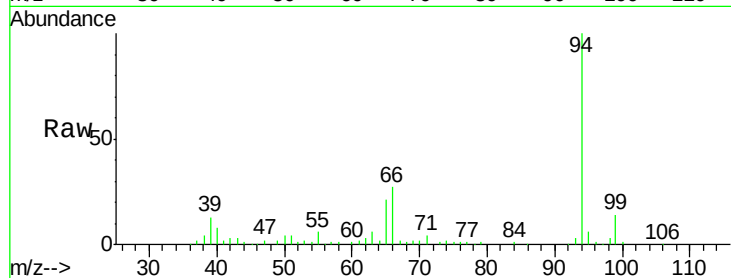
Tot Ion: 94 Resp: 101742

Ion Ratio Lower Upper

94 100

65 20.8 21.4 61.4#

66 26.6 44.0 84.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

Tgt Ion: 136 Resp: 1301472

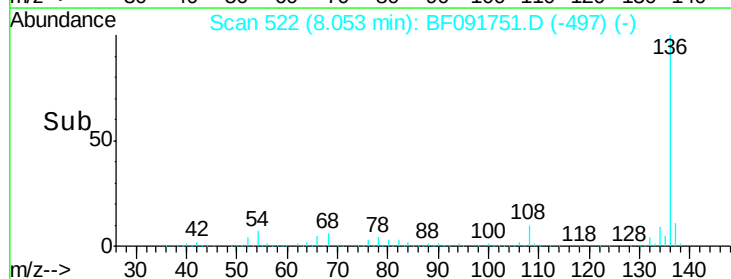
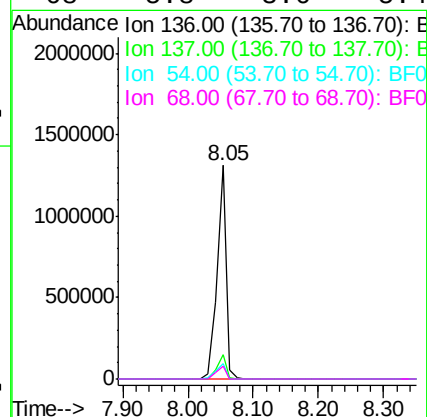
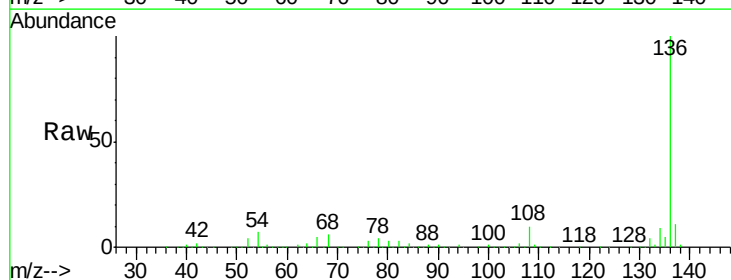
Ion Ratio Lower Upper

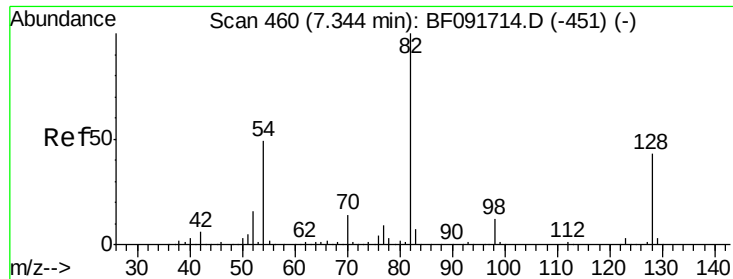
136 100

137 11.2 8.4 12.6

54 7.2 4.5 6.7#

68 5.8 3.6 5.4#



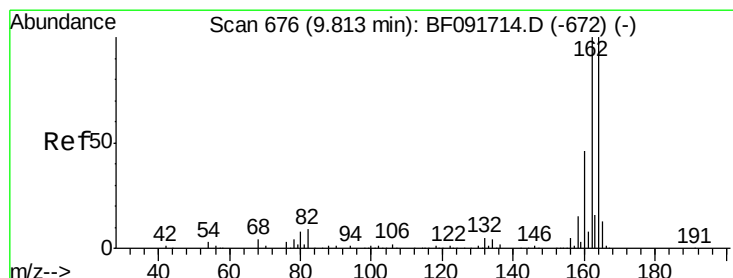
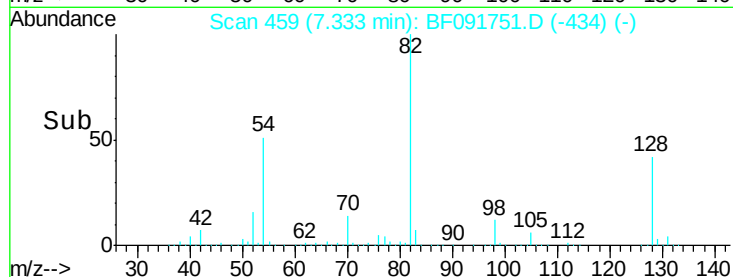
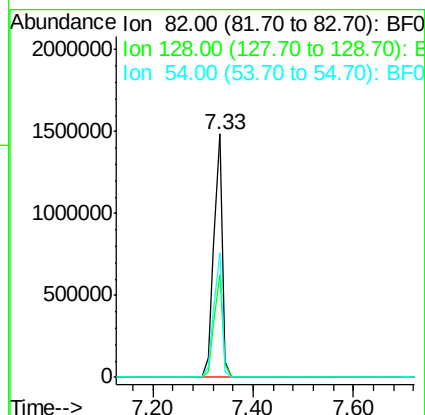
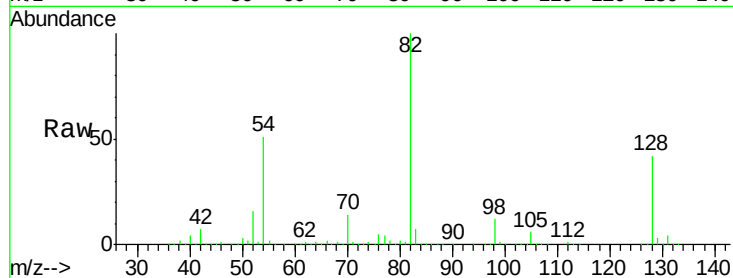


#23
 Nitrobenzene-d5
 Concen: 77.40 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091751.D
 Acq: 18 Dec 2016 22:04

Instrument :
 BNA_F
 ClientSampleId :
 DUP-B-121316

Tot Ion: 82 Resp: 1746879

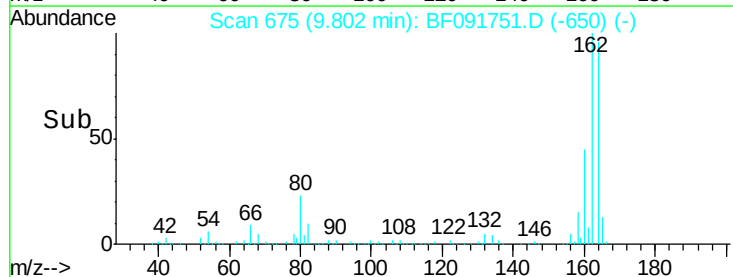
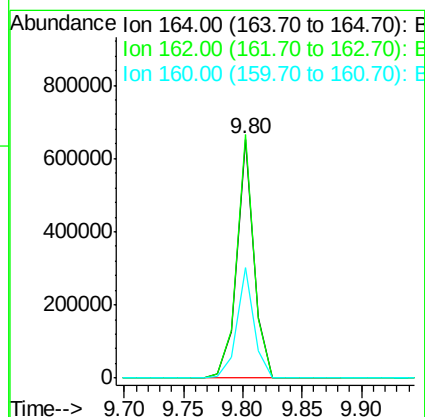
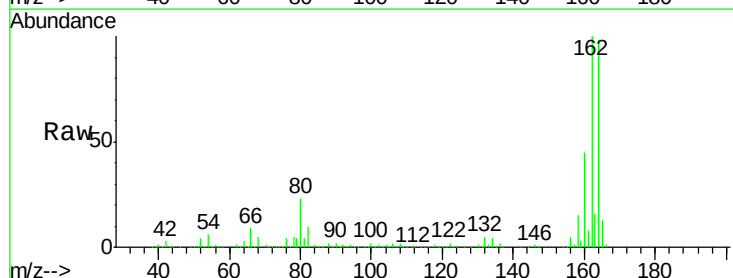
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	51.2	39.5	59.3

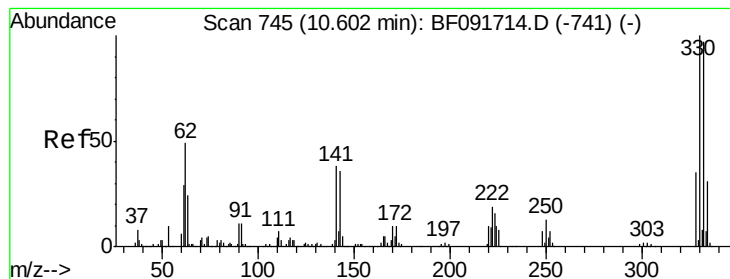


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF091751.D
 Acq: 18 Dec 2016 22:04

Tgt Ion: 164 Resp: 655552

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	46.2	36.9	55.3

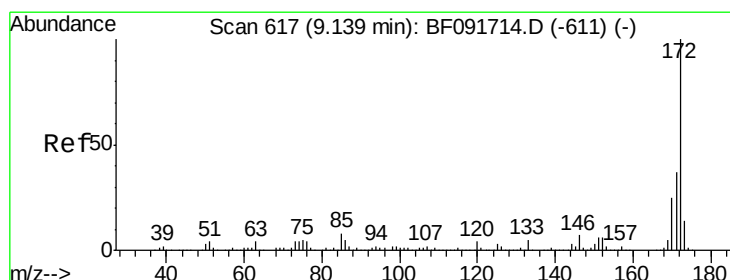
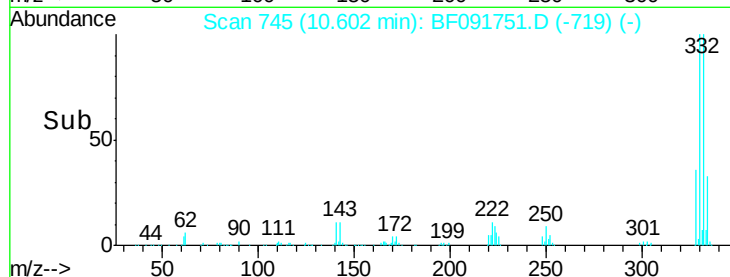
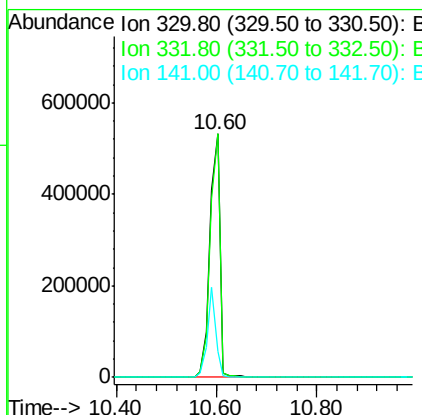
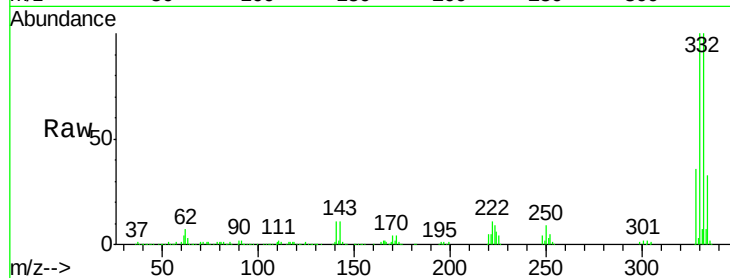




#41
 2,4,6-Tribromophenol
 Concen: 133.46 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091751.D
 Acq: 18 Dec 2016 22:04

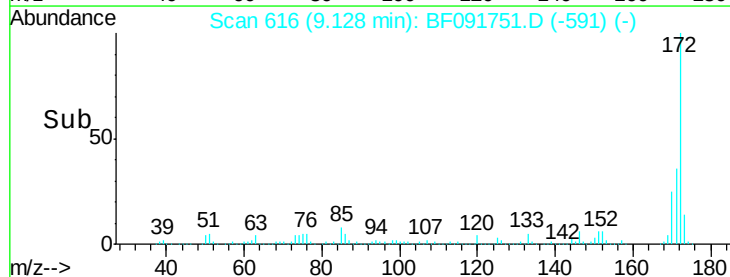
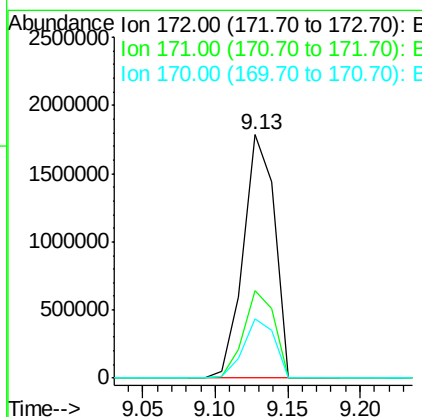
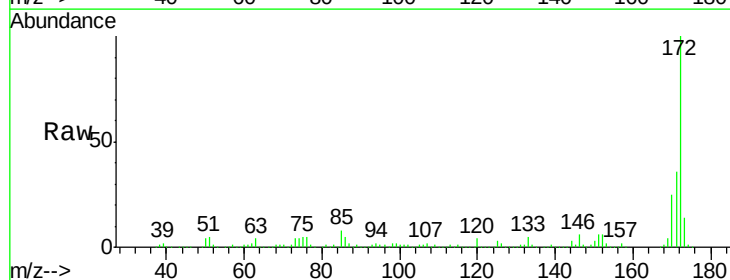
Instrument :
 BNA_F
 ClientSampleId :
 DUP-B-121316

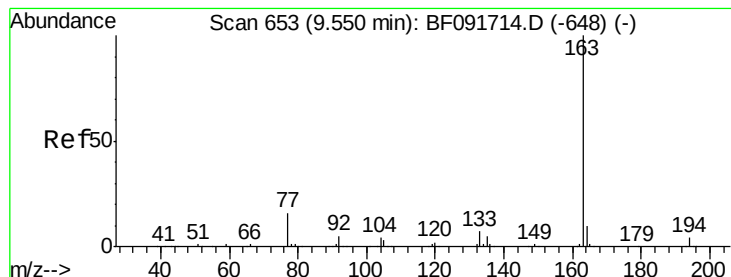
Tot Ion:330 Resp: 741892
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 31.5 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 81.72 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091751.D
 Acq: 18 Dec 2016 22:04

Tgt Ion:172 Resp: 2666631
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.5 20.2 30.4





#49

Dimethylphthalate

Concen: 12.09 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

Instrument :

BNA_F

ClientSampleId :

DUP-B-121316

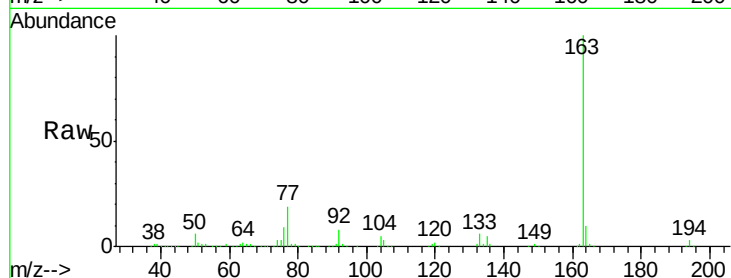
Tot Ion:163 Resp: 517793

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

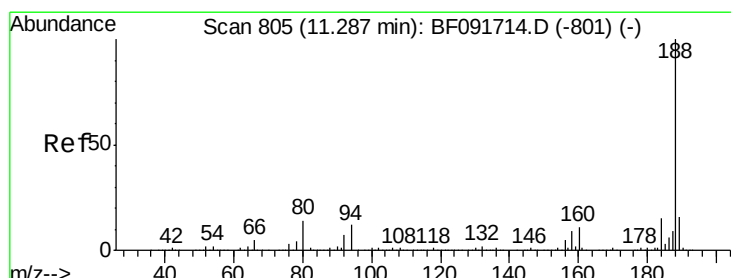
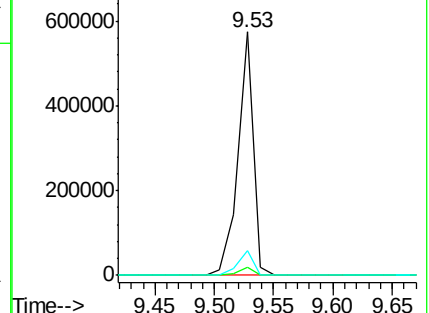
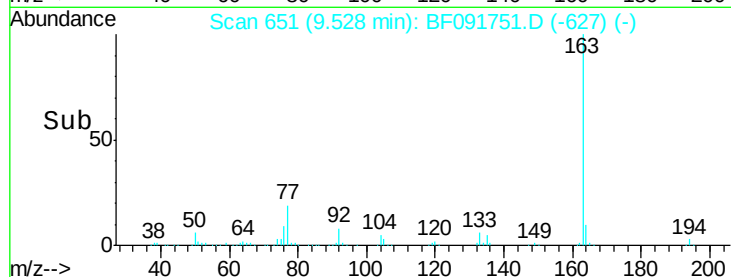
164 9.9 8.0 12.0



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: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

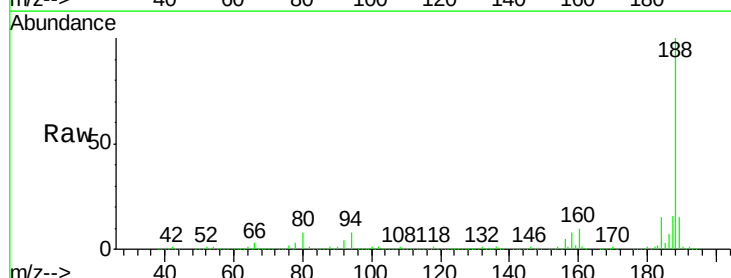
Tgt Ion:188 Resp: 1145715

Ion Ratio Lower Upper

188 100

94 7.9 10.0 15.0#

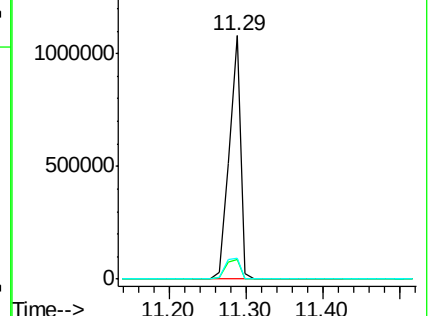
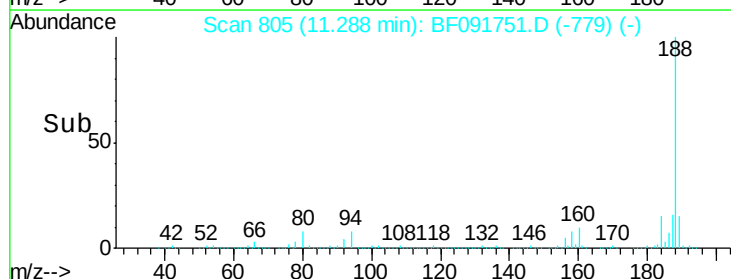
80 8.3 11.2 16.8#

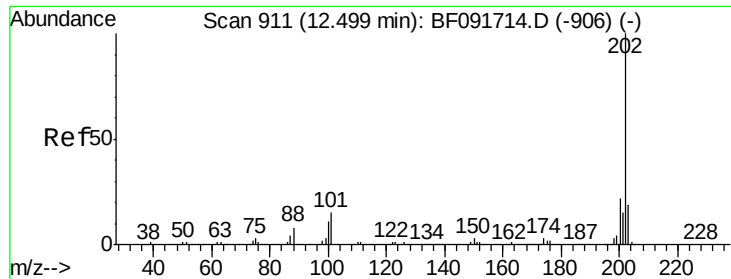


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.76 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

Instrument :

BNA_F

ClientSampleId :

DUP-B-121316

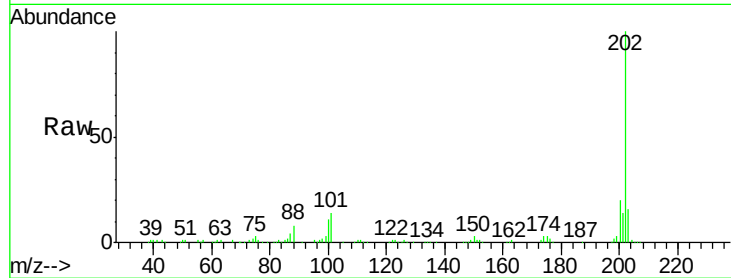
Tot Ion:202 Resp: 165163

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.6

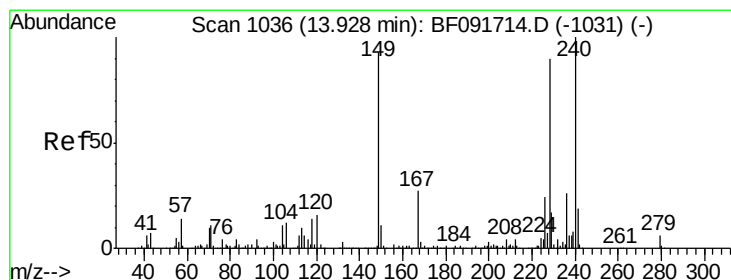
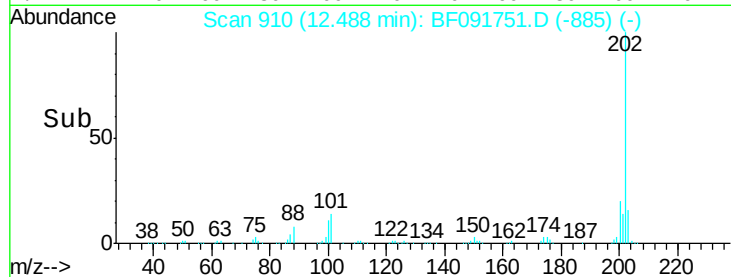
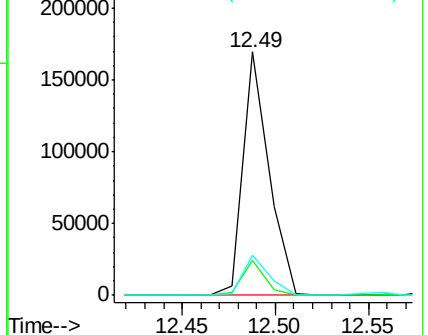
203 16.3 0.0 38.7



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

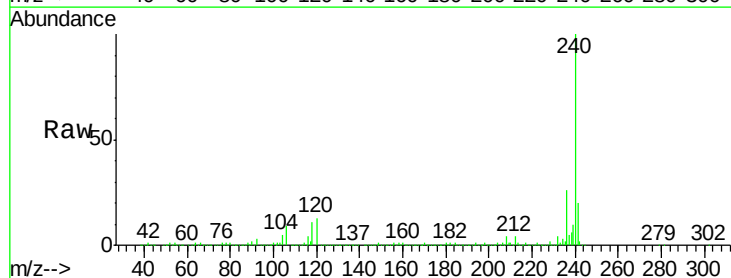
Tgt Ion:240 Resp: 859105

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

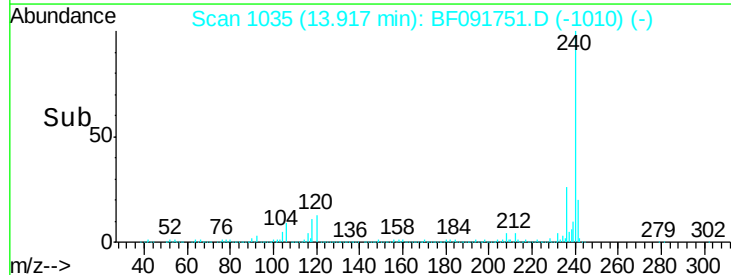
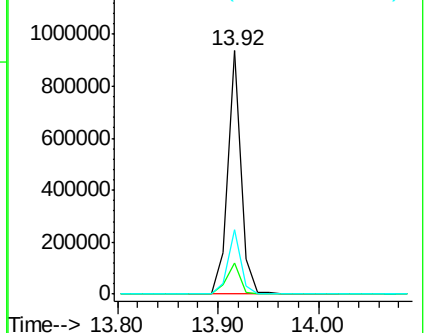
236 26.3 20.9 31.3

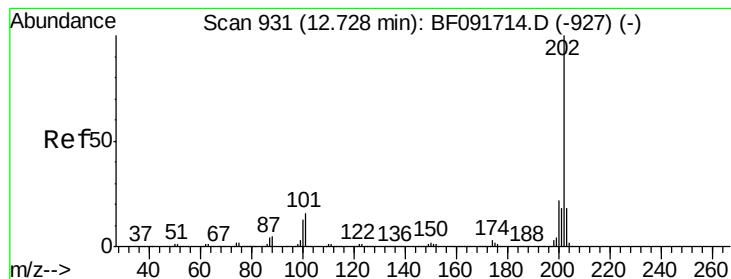


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.26 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

Instrument :

BNA_F

ClientSampleId :

DUP-B-121316

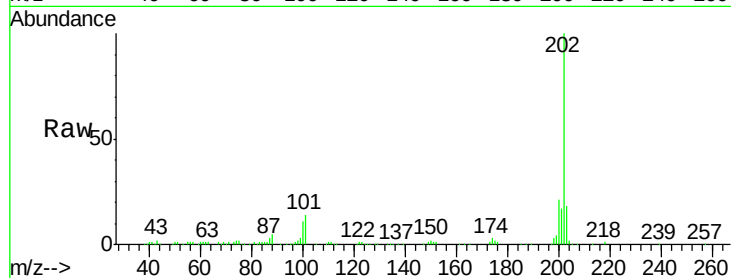
Tot Ion:202 Resp: 140154

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

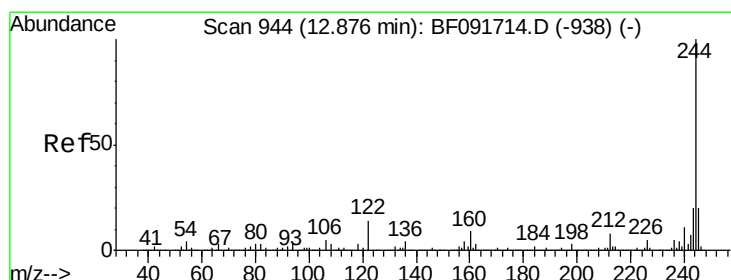
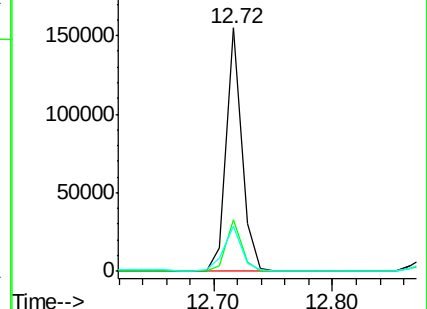
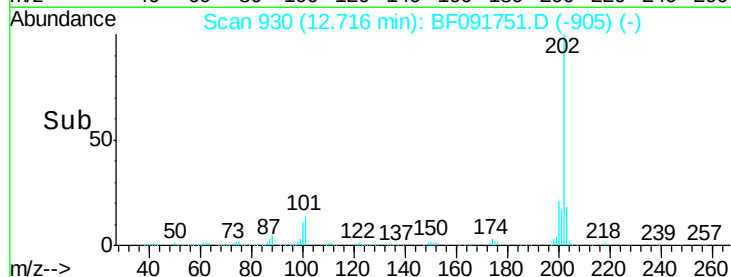
203 18.3 14.7 22.1



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: 64.84 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091751.D

Acq: 18 Dec 2016 22:04

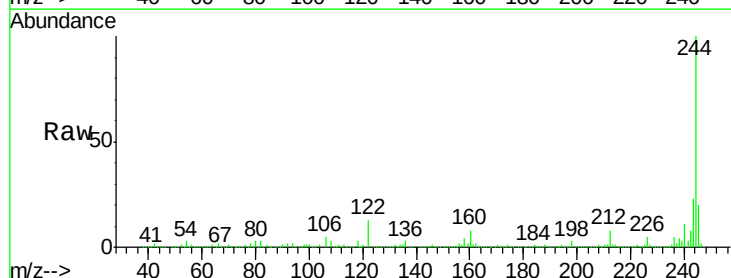
Tgt Ion:244 Resp: 2206105

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

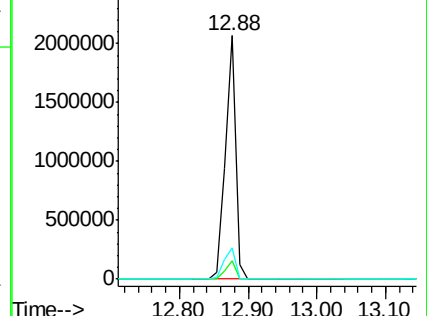
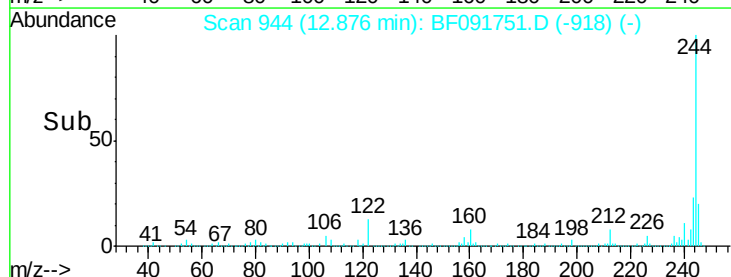
122 12.7 11.4 17.2

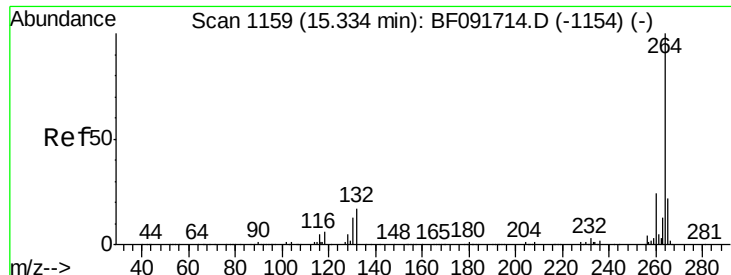


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

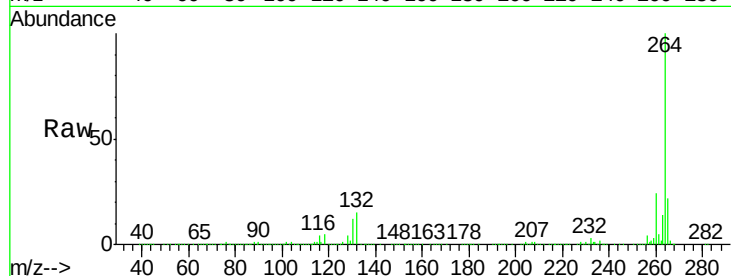




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091751.D
Acq: 18 Dec 2016 22:04

Instrument :
BNA_F
ClientSampleId :
DUP-B-121316

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.4	26.0



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

