

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091309.D
 Acq On : 24 Nov 2016 11:45
 Operator : UM/SJ
 Sample : H5721-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Nov 25 00:11:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

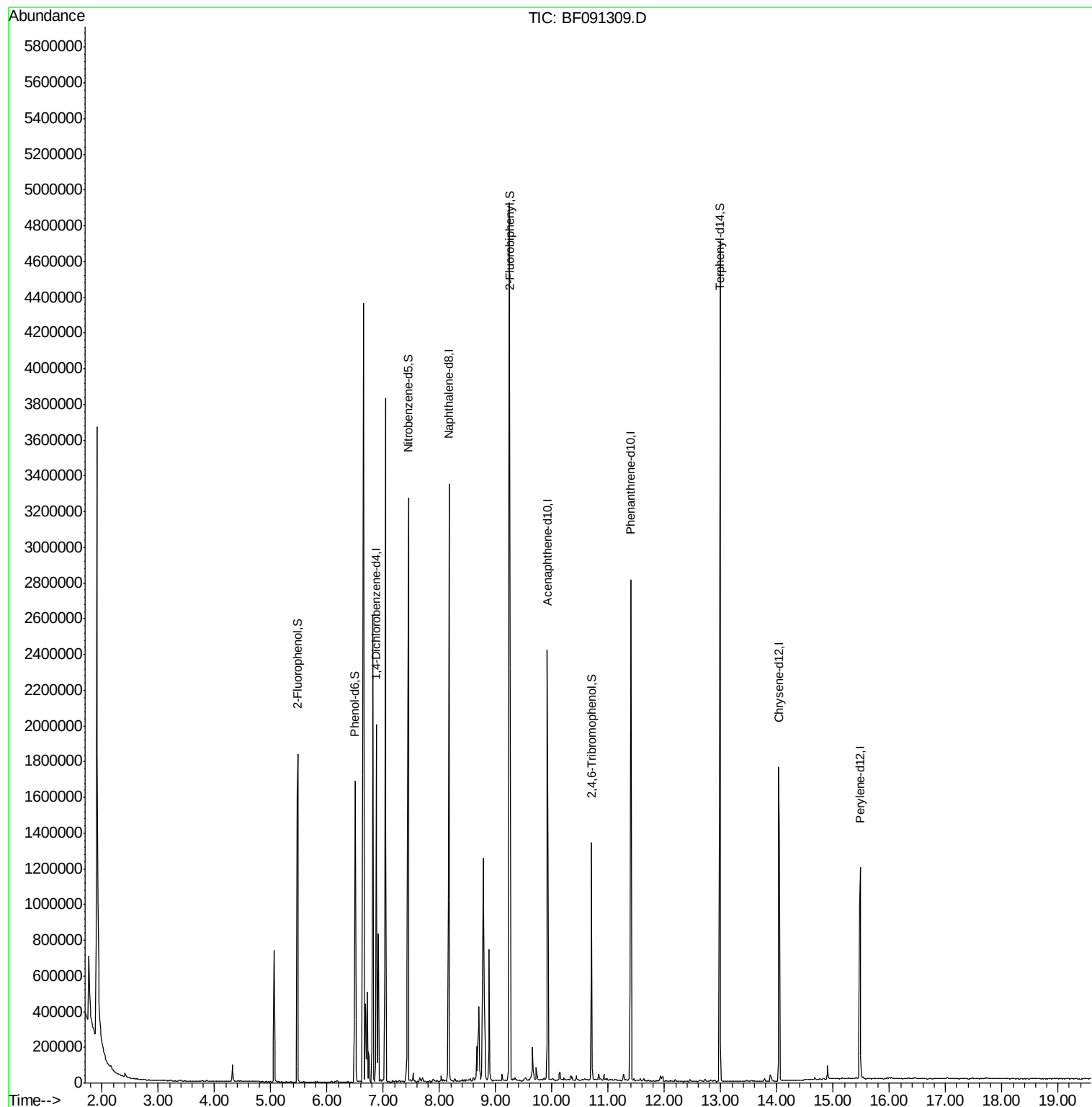
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	359290	40.00	ng	0.00
21) Naphthalene-d8	8.17	136	1438175	40.00	ng	0.00
38) Acenaphthene-d10	9.92	164	668990	40.00	ng	0.00
63) Phenanthrene-d10	11.40	188	974148	40.00	ng	0.00
75) Chrysene-d12	14.03	240	853258	40.00	ng	-0.01
86) Perylene-d12	15.48	264	656956	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	648201	57.97	ng	0.01
7) Phenol-d6	6.50	99	527639	36.73	ng	0.00
23) Nitrobenzene-d5	7.45	82	1281443	102.59	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	176439	52.31	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1912139	93.60	ng	0.00
78) Terphenyl-d14	12.99	244	1500664	80.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.65	77	27933	2.00	ng	Qvalue 93
16) 2,2'-oxybis(1-Chloropropan	6.91	45	59262	2.29	ng	# 54
66) 4-Bromophenyl-phenylether	10.70	248	11584	2.18	ng	# 1

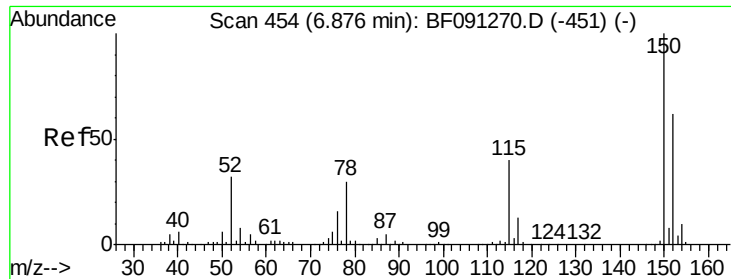
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

Instrument :

BNA_F

ClientSampleId :

MW-4

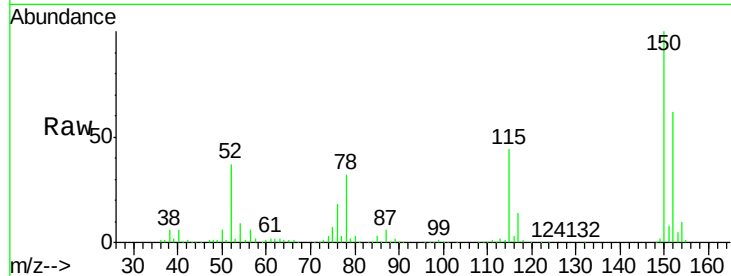
Tot Ion:152 Resp: 359290

Ion Ratio Lower Upper

152 100

150 162.3 122.5 183.7

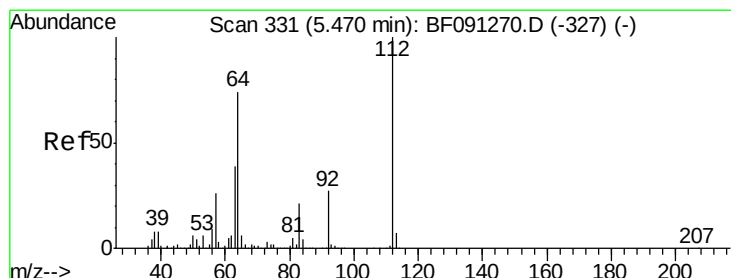
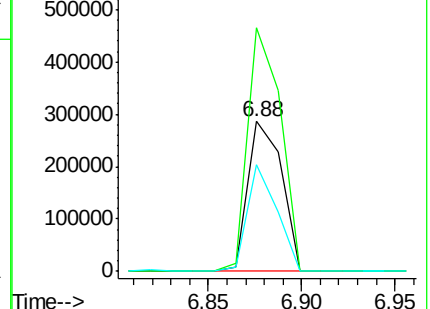
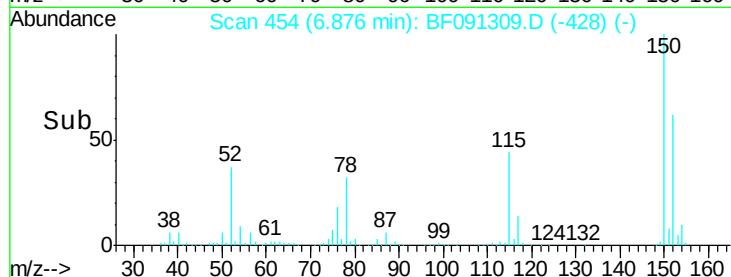
115 70.7 51.8 77.8



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: 57.97 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

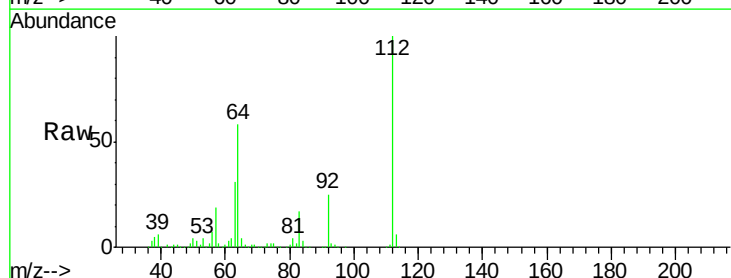
Tgt Ion:112 Resp: 648201

Ion Ratio Lower Upper

112 100

64 58.4 61.5 92.3#

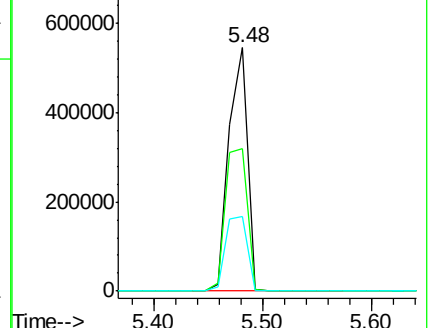
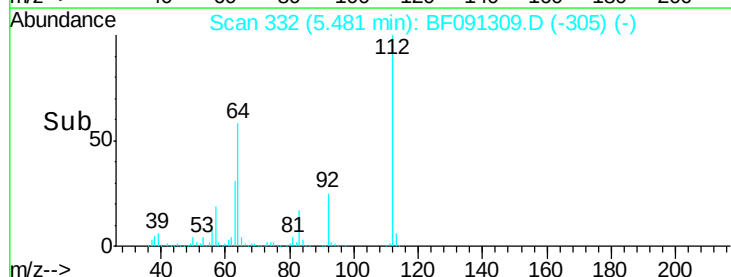
63 30.5 33.3 49.9#

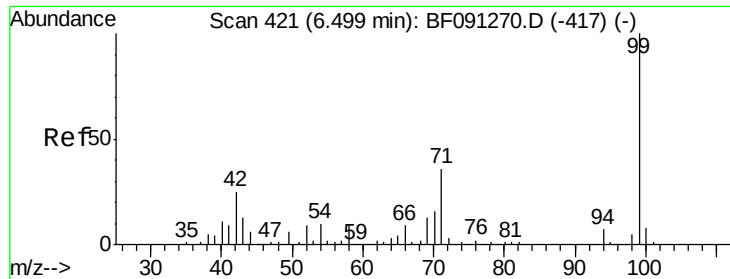


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.73 ng

RT: 6.50 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

Instrument :

BNA_F

ClientSampleId :

MW-4

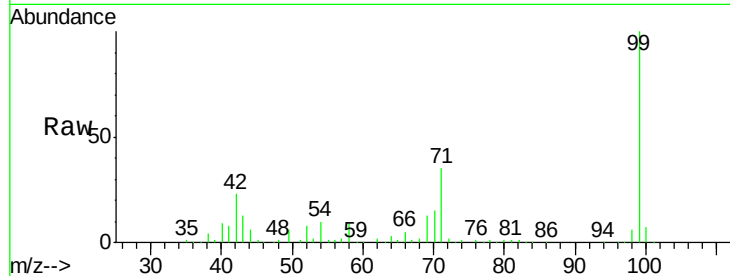
Tot Ion: 99 Resp: 527639

Ion Ratio Lower Upper

99 100

42 23.5 20.6 31.0

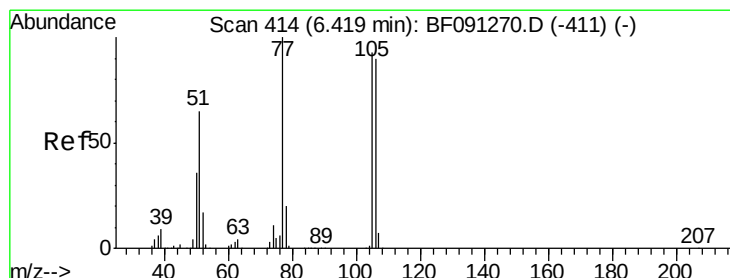
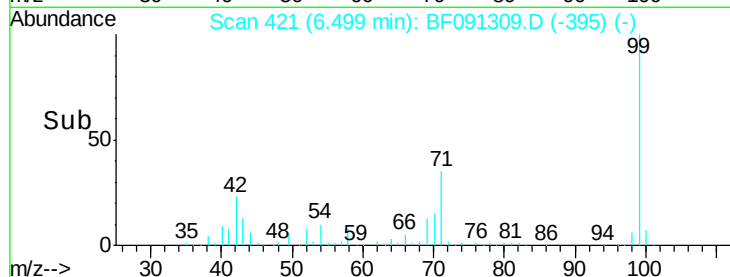
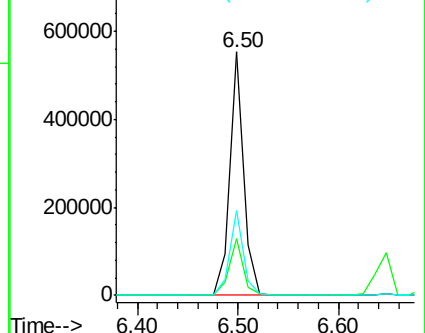
71 34.9 29.9 44.9



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: 2.00 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

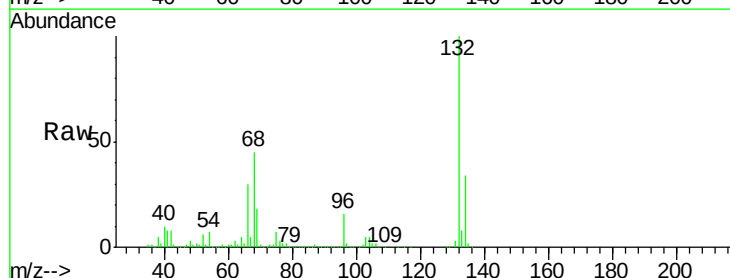
Tgt Ion: 77 Resp: 27933

Ion Ratio Lower Upper

77 100

105 81.6 66.4 106.4

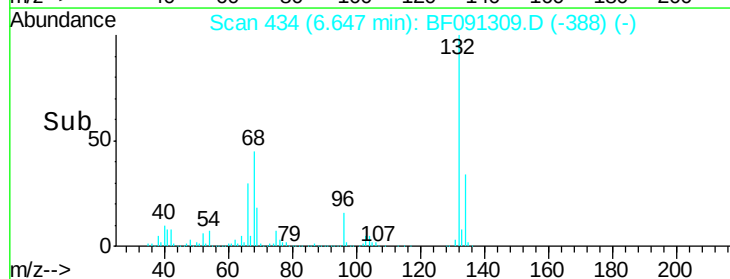
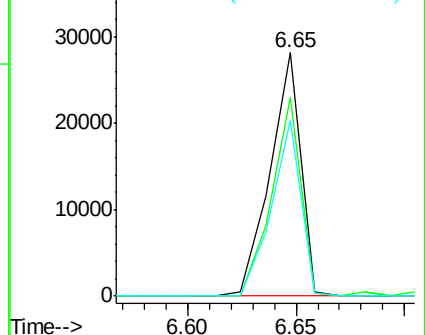
106 72.4 60.9 100.9

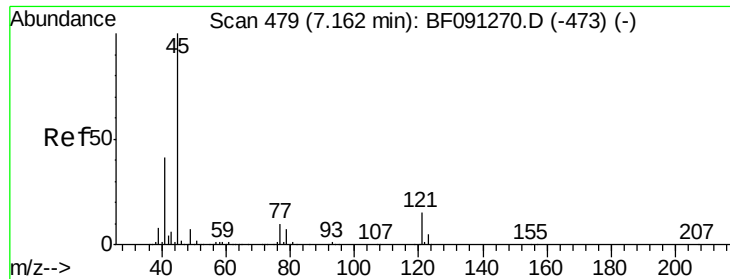


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

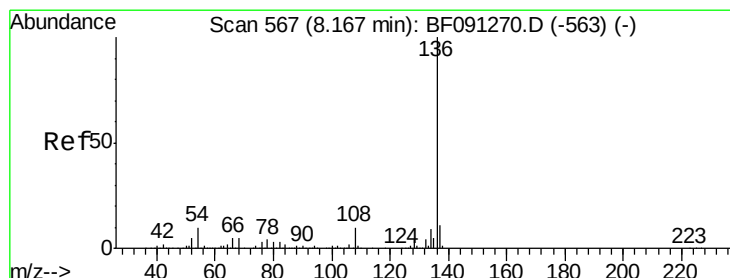
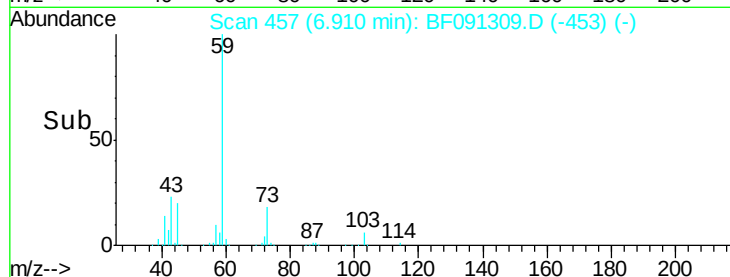
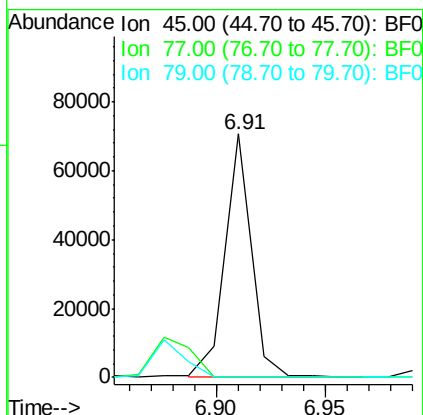
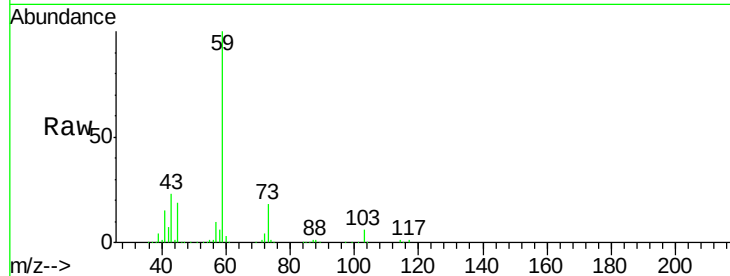




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 2.29 ng
 RT: 6.91 min Scan# 457
 Delta R.T. -0.25 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

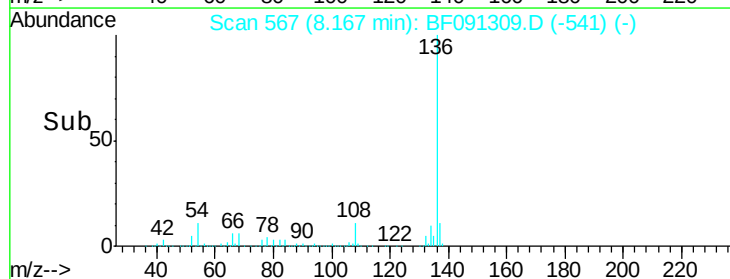
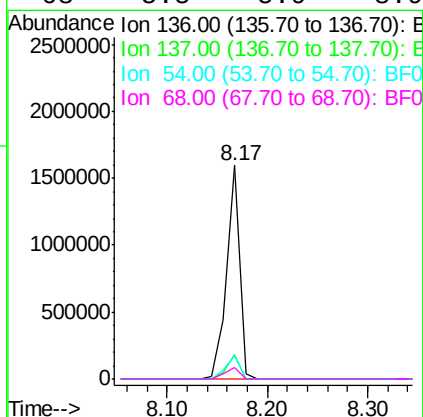
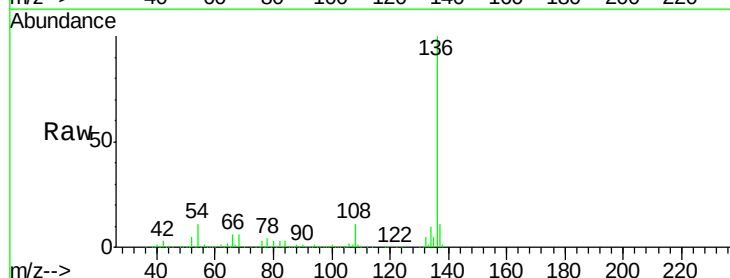
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

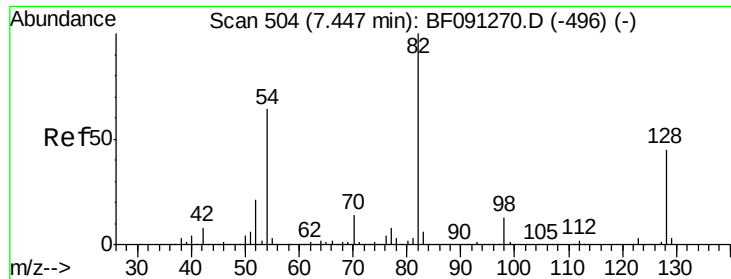
Tot Ion: 45 Resp: 59262
 Ion Ratio Lower Upper
 45 100
 77 0.0 3.8 43.8#
 79 0.0 0.2 40.2#



#21
 Naphthalene-d8
 Concen: 40.00 ng
 RT: 8.17 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Tgt Ion: 136 Resp: 1438175
 Ion Ratio Lower Upper
 136 100
 137 11.3 9.1 13.7
 54 10.8 9.1 13.7
 68 5.5 5.9 8.9#

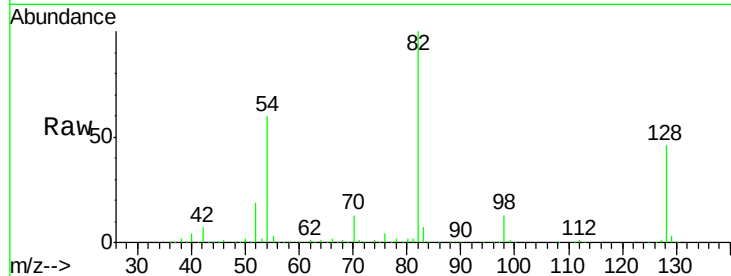




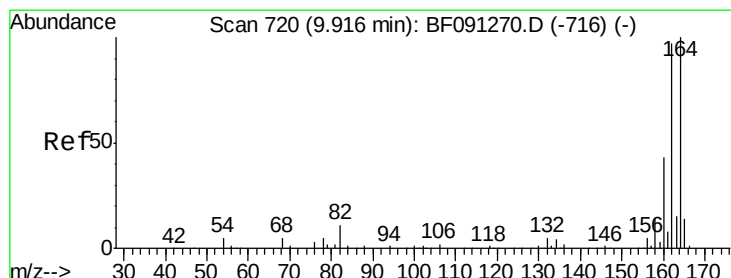
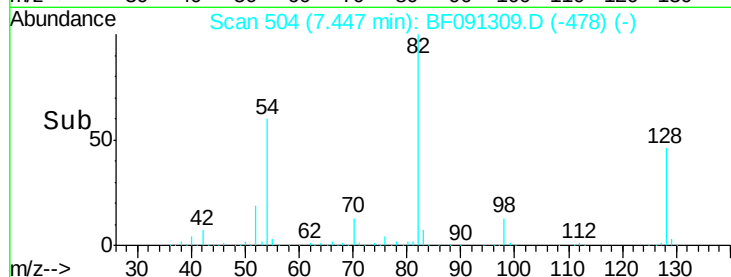
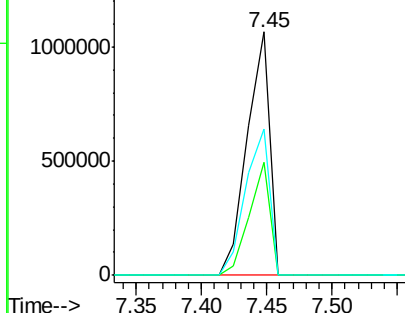
#23
 Nitrobenzene-d5
 Concen: 102.59 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion: 82 Resp: 1281443
 Ion Ratio Lower Upper
 82 100
 128 46.5 31.8 47.6
 54 60.0 49.1 73.7

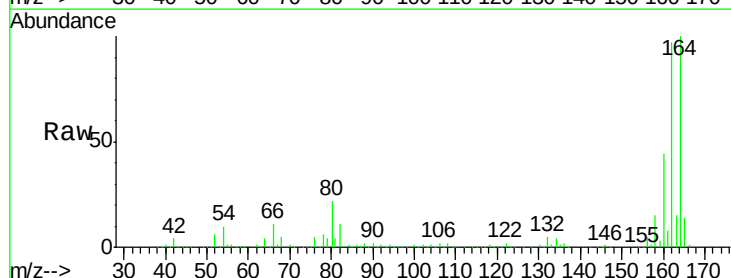


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

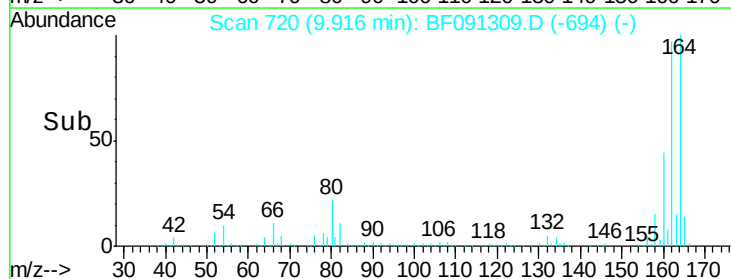
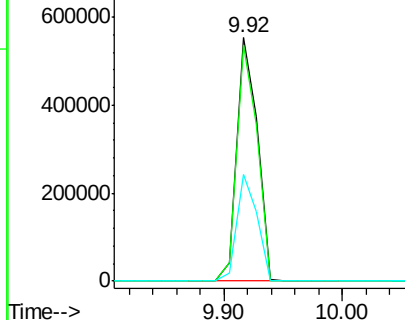


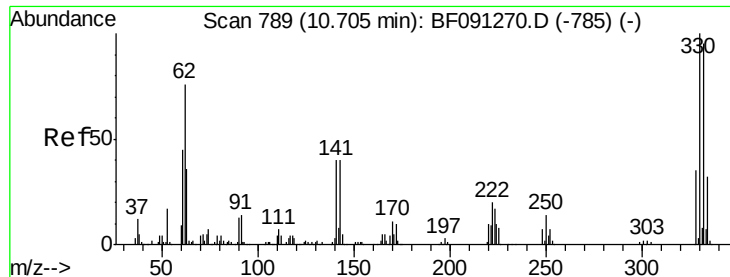
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Tgt Ion:164 Resp: 668990
 Ion Ratio Lower Upper
 164 100
 162 96.9 82.6 124.0
 160 43.7 36.7 55.1



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

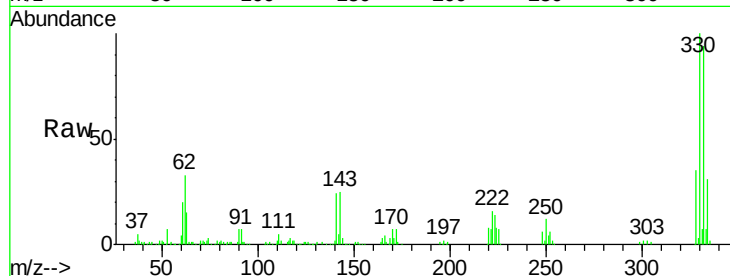




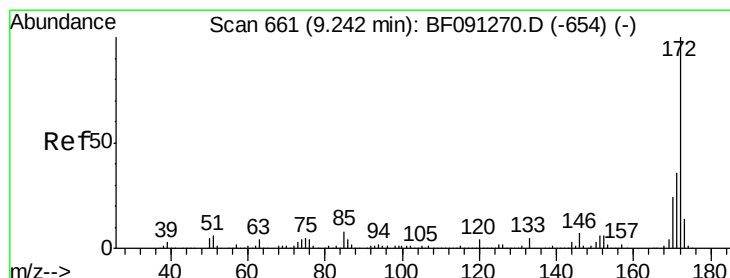
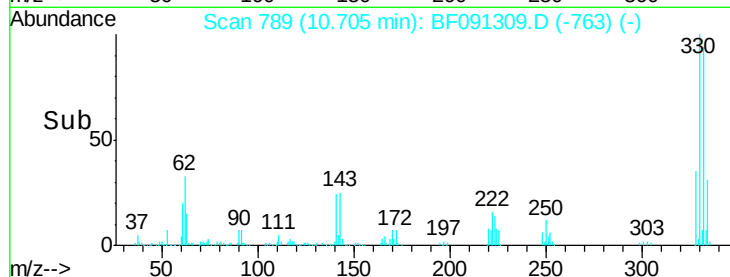
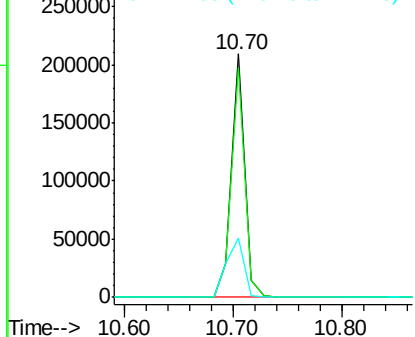
#41
 2,4,6-Tribromophenol
 Concen: 52.31 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Instrument :
 BNA_F
 ClientSampled :
 MW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	32.2	33.6	50.4#

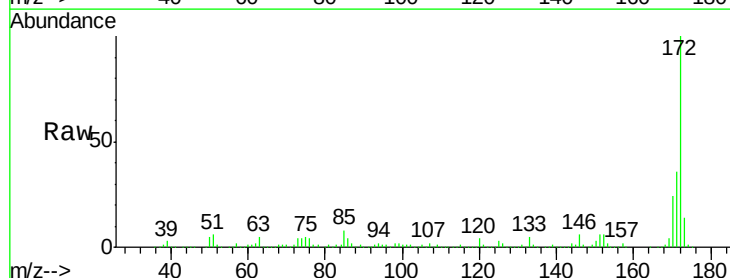


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

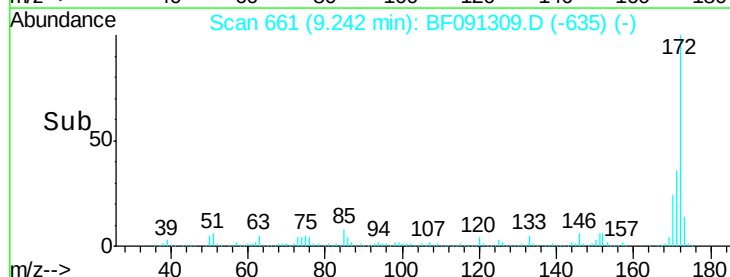
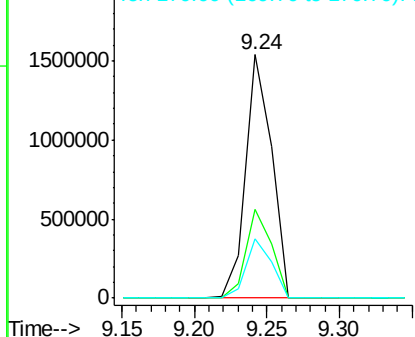


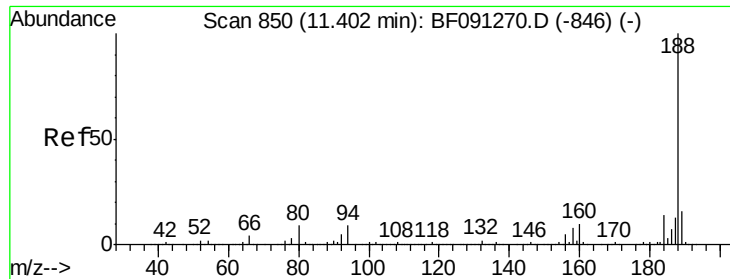
#44
 2-Fluorobiphenyl
 Concen: 93.60 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	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

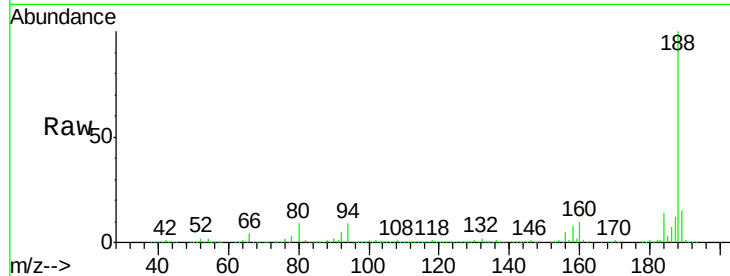




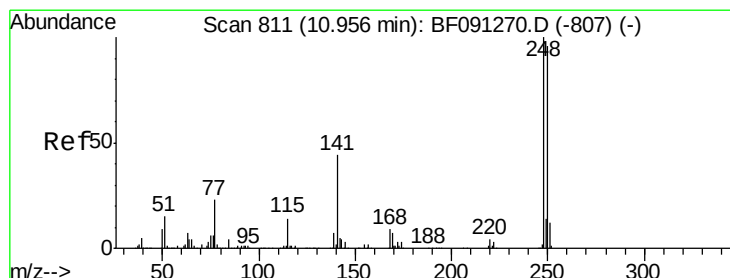
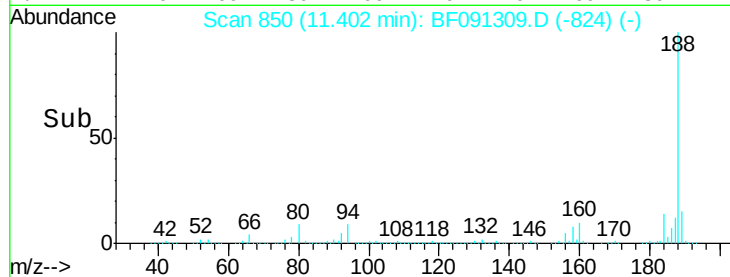
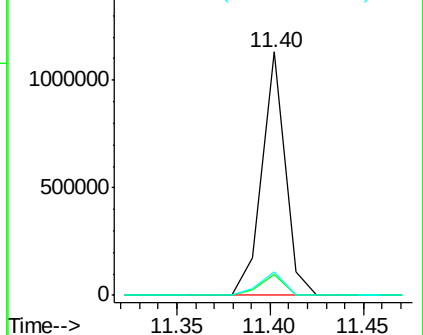
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:188 Resp: 974148
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.2 13.8#
 80 9.4 10.5 15.7#

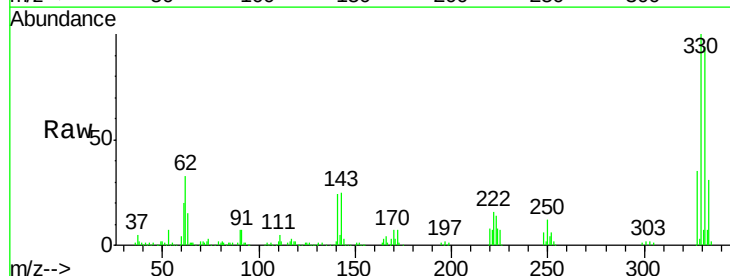


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

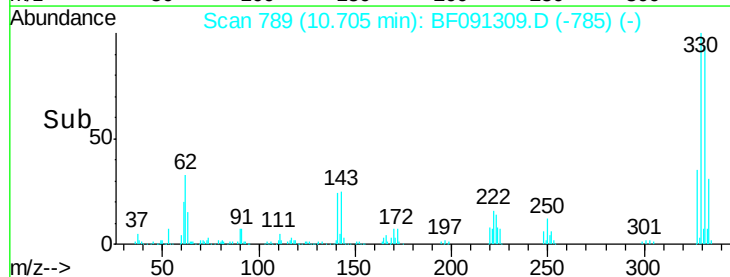
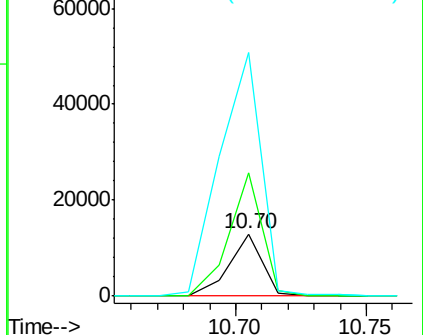


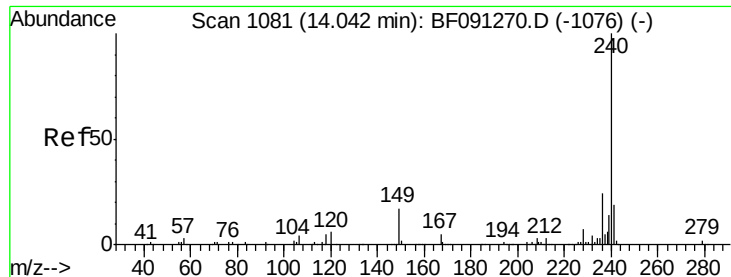
#66
 4-Bromophenyl-phenylether
 Concen: 2.18 ng
 RT: 10.70 min Scan# 789
 Delta R.T. -0.25 min
 Lab File: BF091309.D
 Acq: 24 Nov 2016 11:45

Tgt Ion:248 Resp: 11584
 Ion Ratio Lower Upper
 248 100
 250 198.5 78.2 117.4#
 141 393.6 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

Instrument :

BNA_F

ClientSampleId :

MW-4

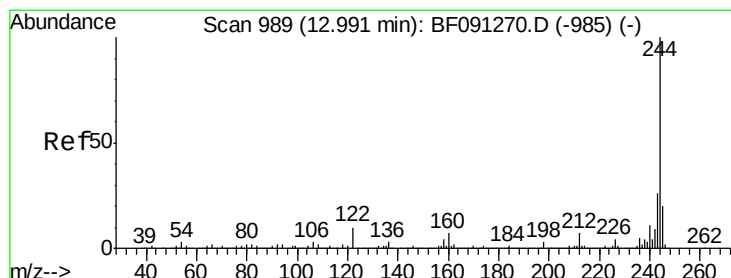
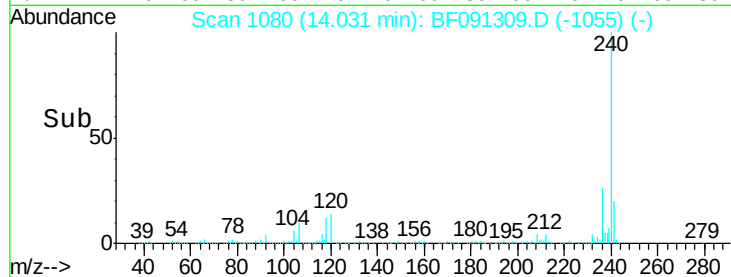
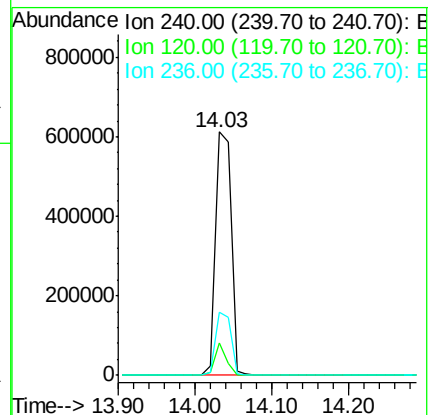
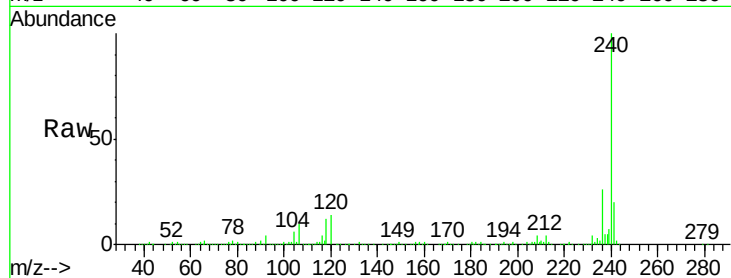
Tot Ion:240 Resp: 853258

Ion Ratio Lower Upper

240 100

120 13.5 12.1 18.1

236 25.8 21.0 31.6



#78

Terphenyl-d14

Concen: 80.33 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091309.D

Acq: 24 Nov 2016 11:45

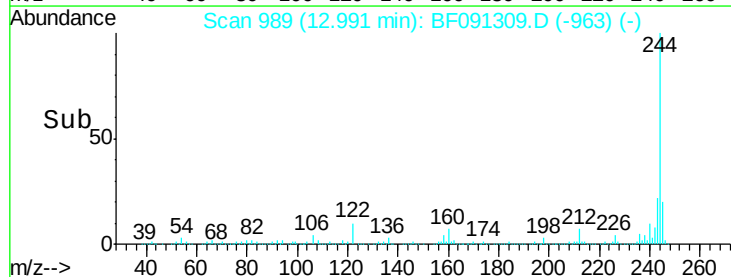
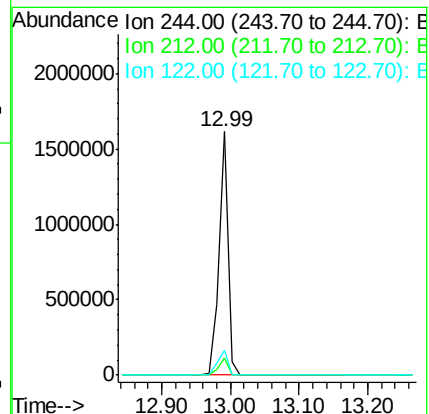
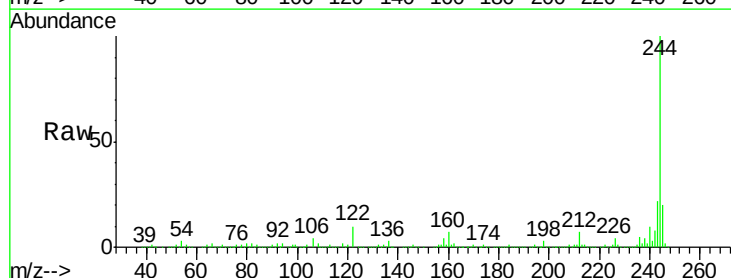
Tgt Ion:244 Resp: 1500664

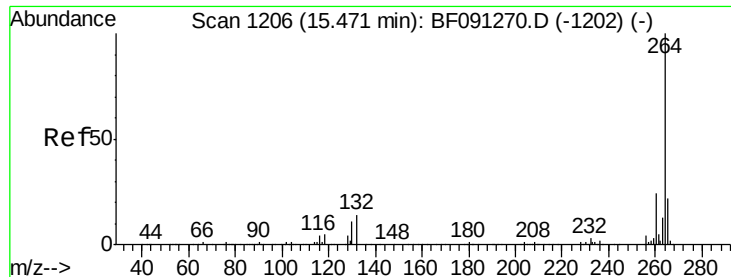
Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 10.3 9.5 14.3



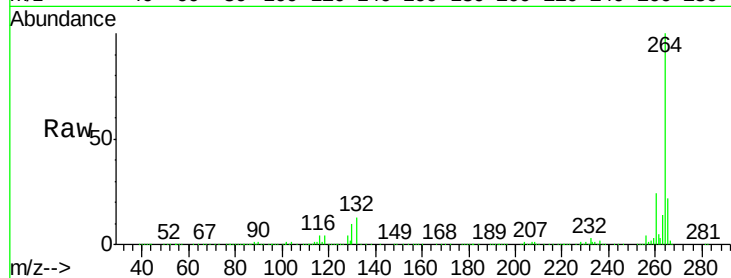


#86
Pervlene-d12
Concen: 40.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091309.D
Acq: 24 Nov 2016 11:45

Instrument :
BNA_F
ClientSampleId :
MW-4

Tot Ion: 264 Resp: 656956

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.0	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

