

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091350.D
 Acq On : 30 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5750-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 17:58:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

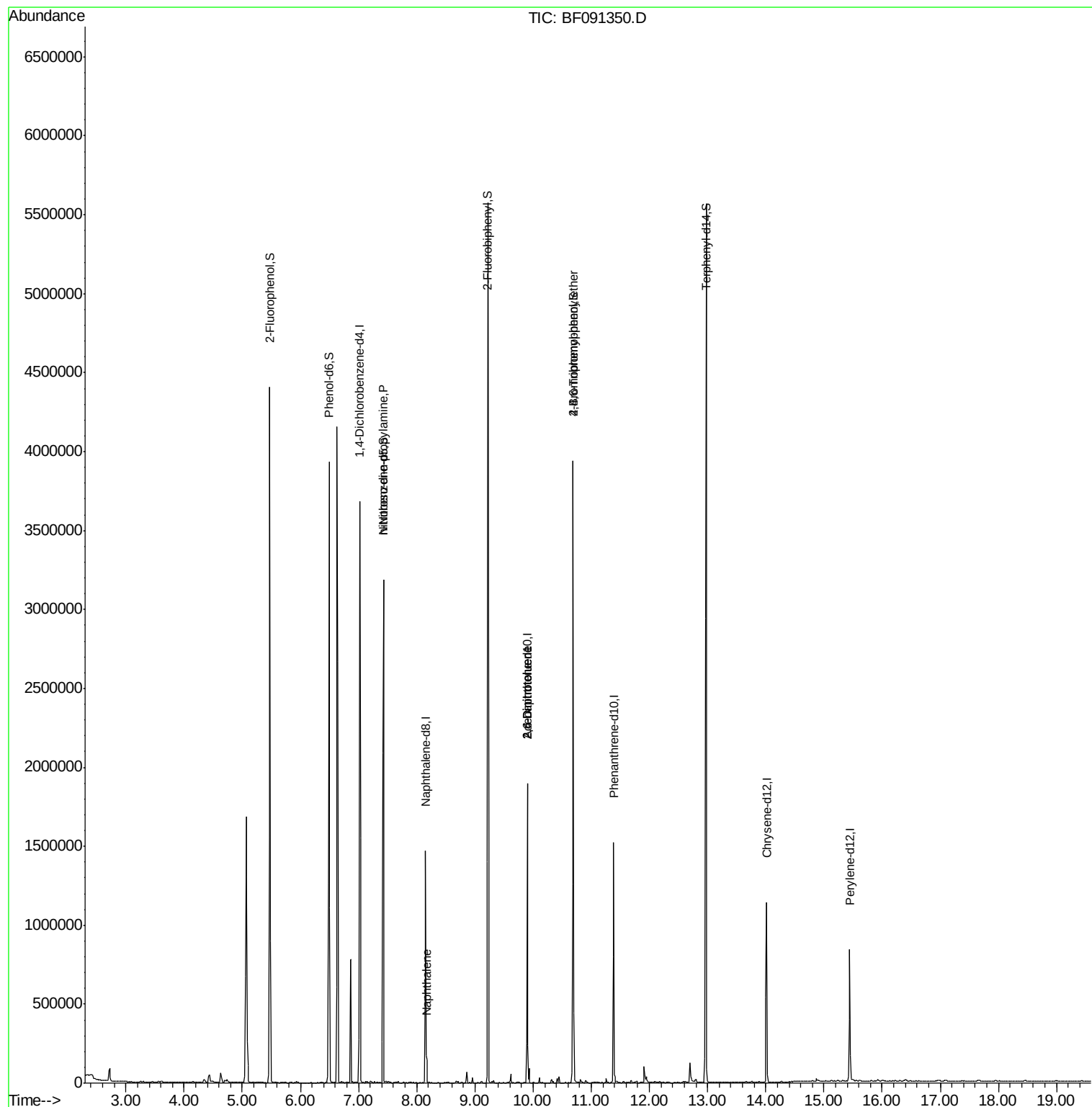
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	599378	20.00	ng	0.14
21) Naphthalene-d8	8.15	136	730795	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	396288	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	668428	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	459553	20.00	ng	-0.03
86) Perylene-d12	15.44	264	386443	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1224296	33.37	ng	0.00
7) Phenol-d6	6.49	99	1407540	31.16	ng	0.00
23) Nitrobenzene-d5	7.43	82	1228358	94.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	460154	122.65	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1964949	89.78	ng	-0.02
78) Terphenyl-d14	12.97	244	2038970	96.43	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	169601	5.96	ng	# 69
31) Naphthalene	8.17	128	98109	2.82	ng	98
50) 2,6-Dinitrotoluene	9.90	165	52250	9.74	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	52253	7.51	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	29592	4.12	ng	# 1

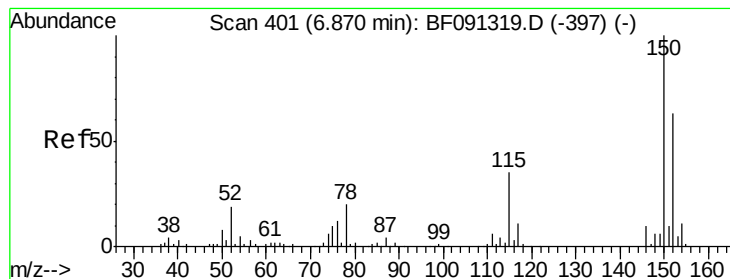
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.02 min Scan# 414

Delta R.T. 0.14 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

Instrument :

BNA_F

ClientSampleId :

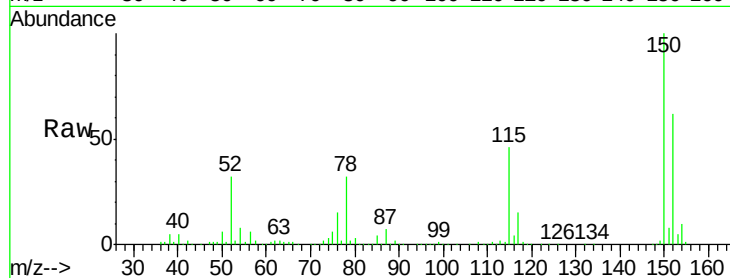
Tot Ion:152 Resp: 599378

Ion Ratio Lower Upper

152 100

150 160.2 122.5 183.7

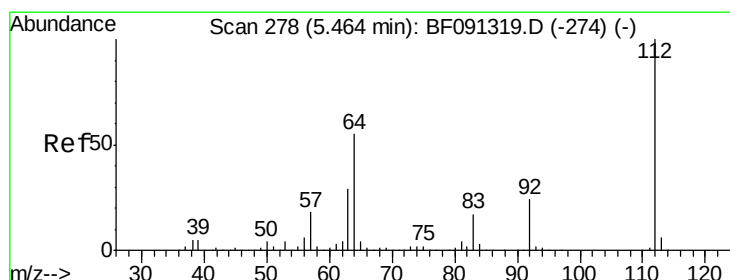
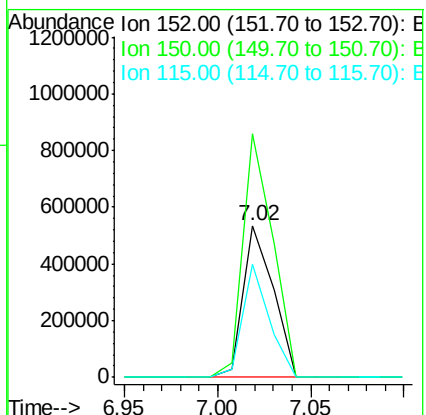
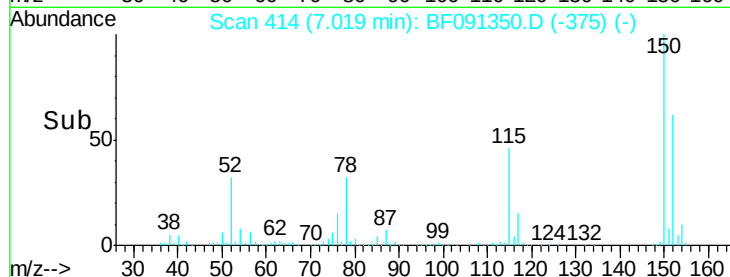
115 74.4 51.8 77.8



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: 33.37 ng

RT: 5.48 min Scan# 279

Delta R.T. 0.01 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

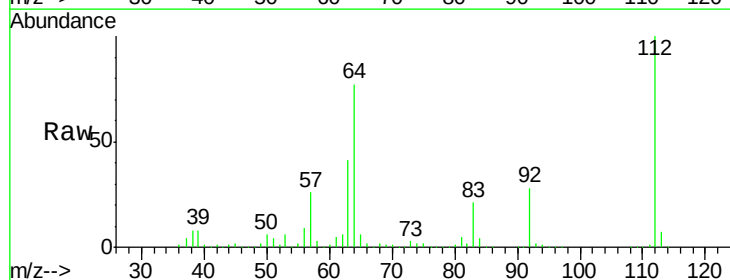
Tgt Ion:112 Resp: 1224296

Ion Ratio Lower Upper

112 100

64 76.7 61.5 92.3

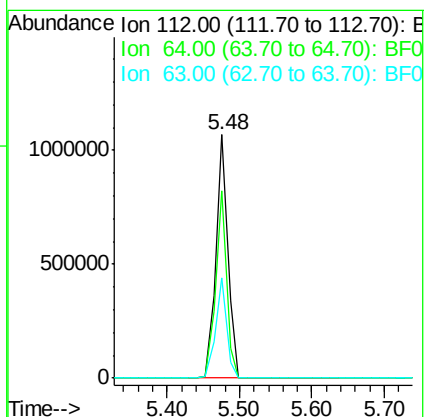
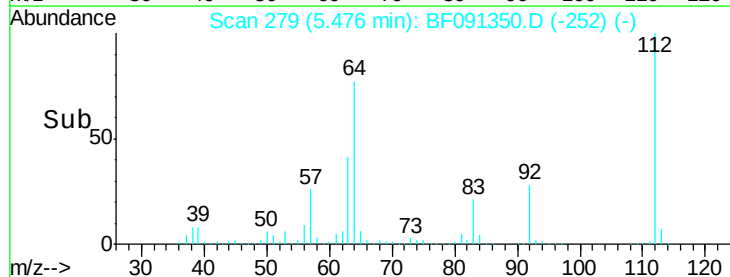
63 40.9 33.3 49.9

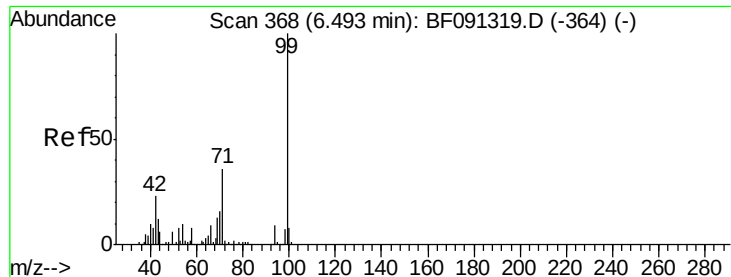


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.16 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

Instrument :

BNA_F

ClientSampleId :

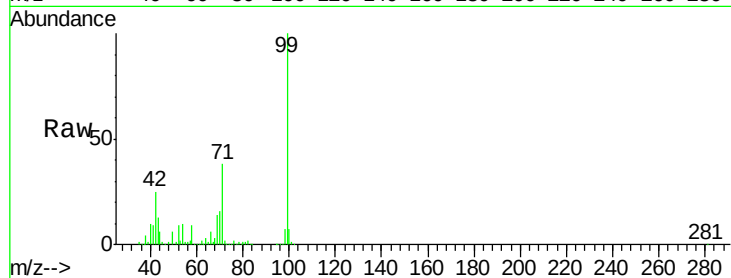
Tot Ion: 99 Resp: 1407540

Ion Ratio Lower Upper

99 100

42 24.9 20.6 31.0

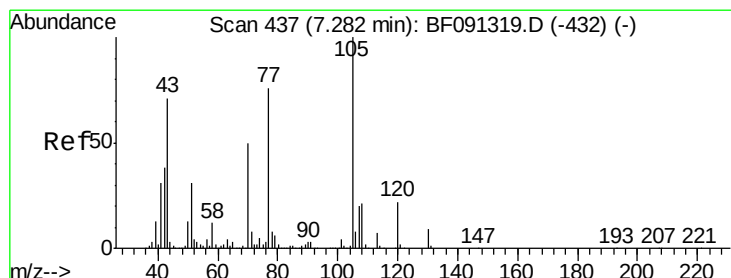
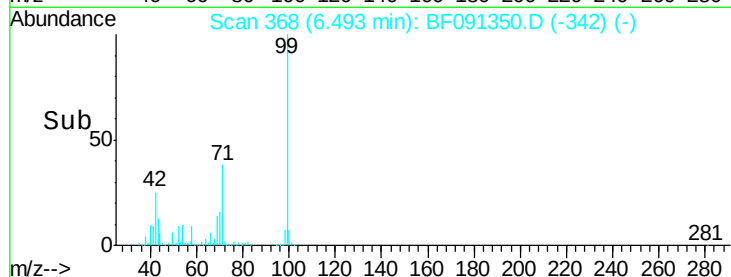
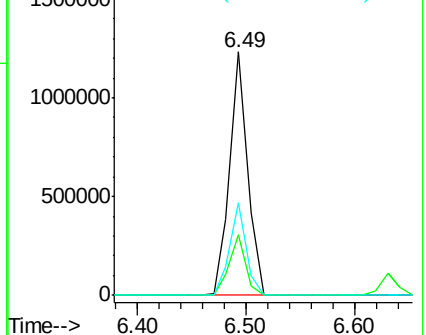
71 38.3 29.9 44.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.96 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.13 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

Tgt Ion: 70 Resp: 169601

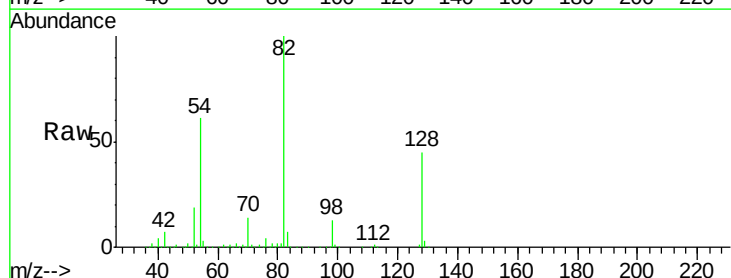
Ion Ratio Lower Upper

70 100

42 52.4 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 11.7 17.5#

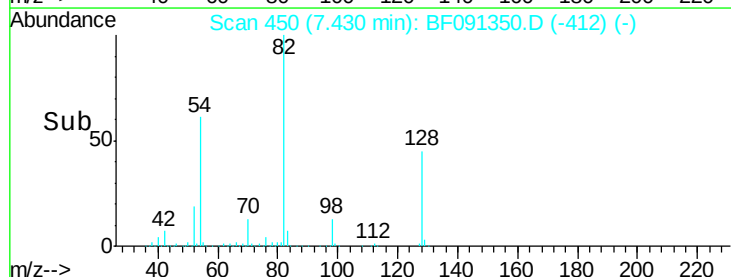
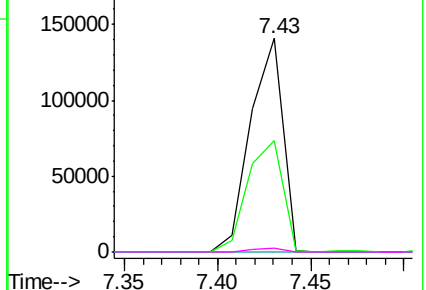


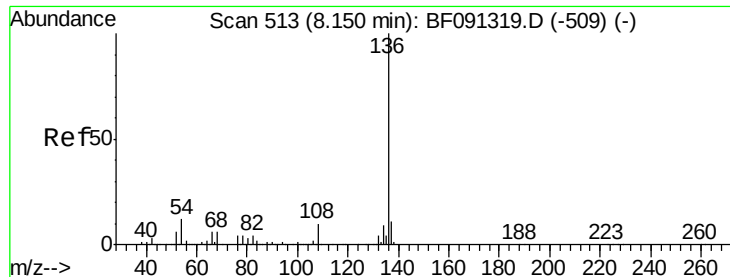
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

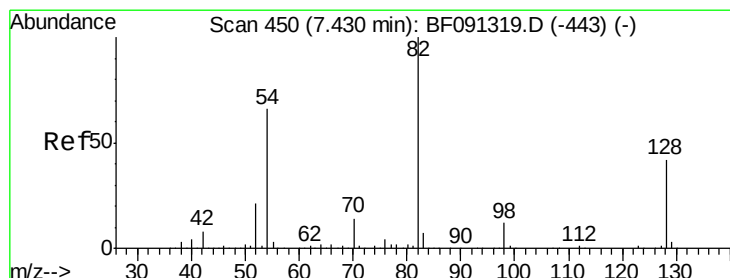
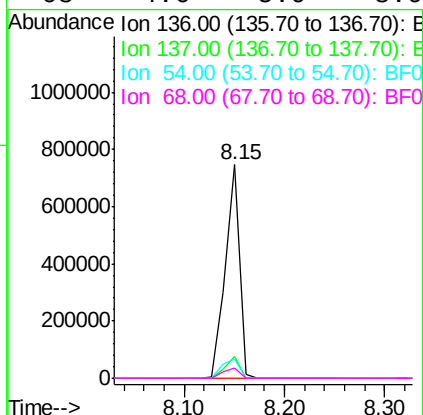
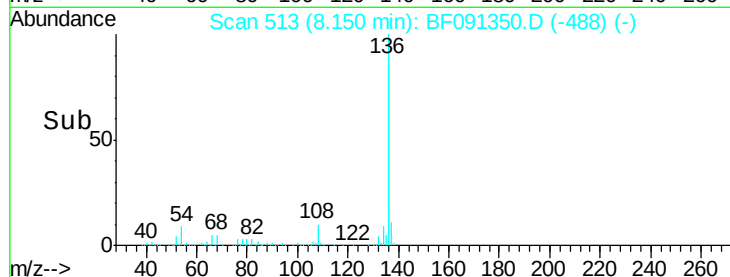
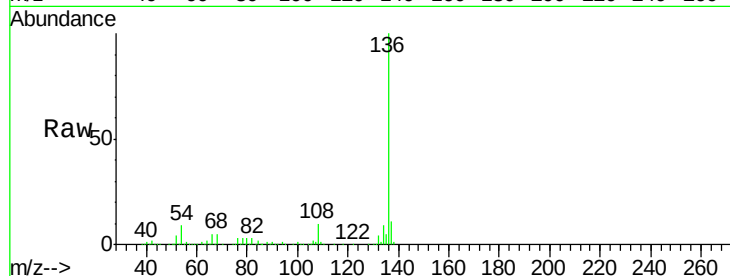




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

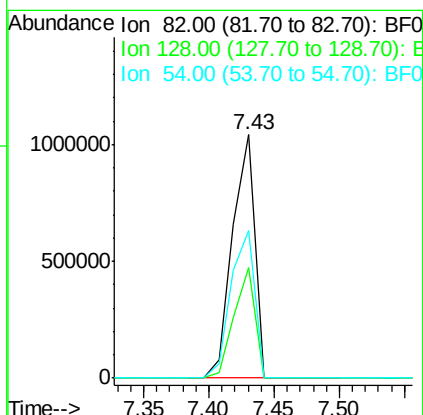
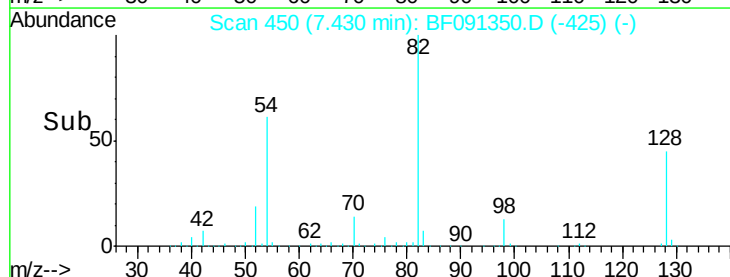
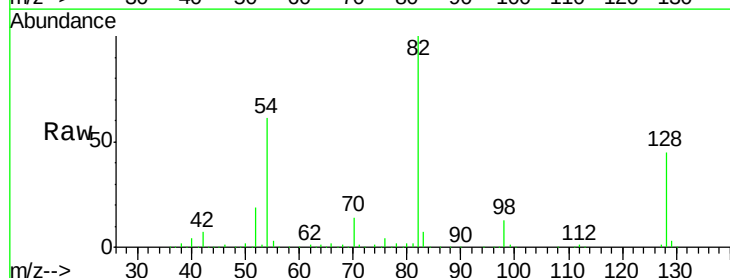
Instrument :
BNA_F
ClientSampleId :

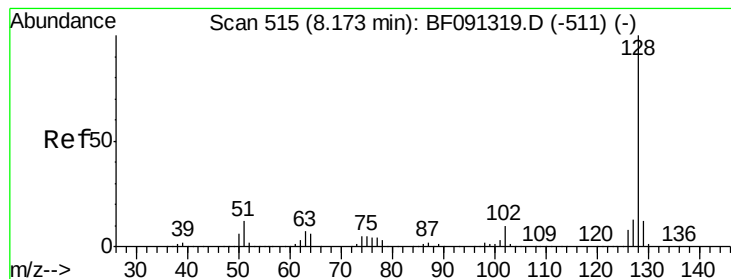
Tot Ion:136	Resp:	730795
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	9.0	9.1 13.7#
68	4.6	5.9 8.9#



#23
Nitrobenzene-d5
Concen: 94.20 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Tgt Ion: 82	Resp:	1228358
Ion Ratio	Lower	Upper
82	100	
128	45.2	31.8 47.6
54	60.8	49.1 73.7





#31

Naphthalene

Concen: 2.82 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

Instrument :

BNA_F

ClientSampleId :

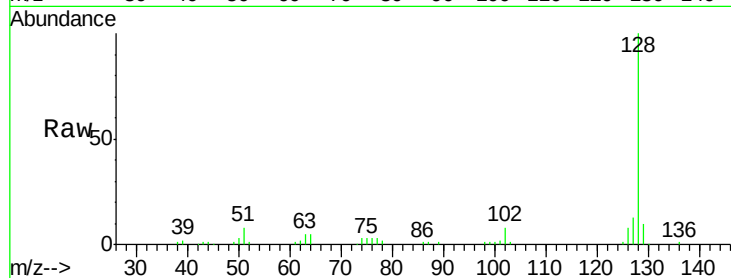
Tot Ion:128 Resp: 98109

Ion Ratio Lower Upper

128 100

129 10.3 9.1 13.7

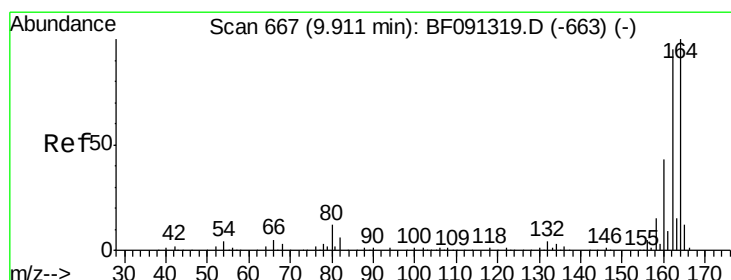
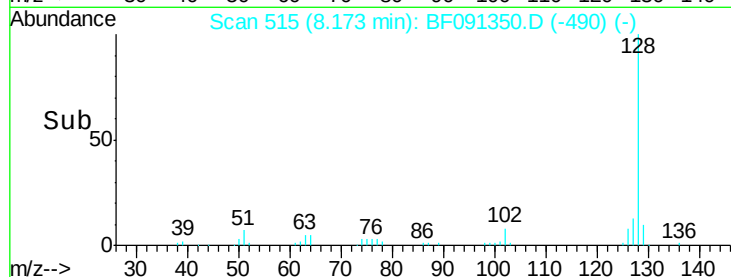
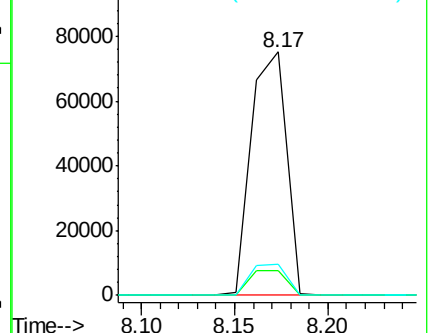
127 13.0 11.0 16.4



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

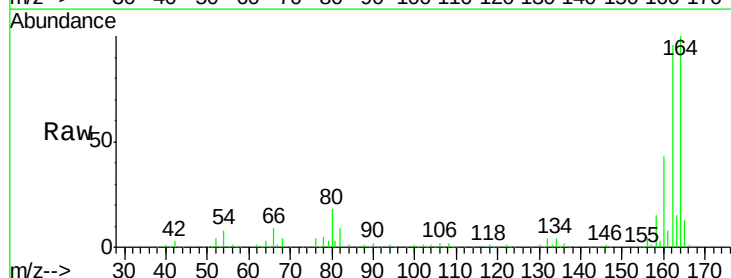
Tgt Ion:164 Resp: 396288

Ion Ratio Lower Upper

164 100

162 96.2 82.6 124.0

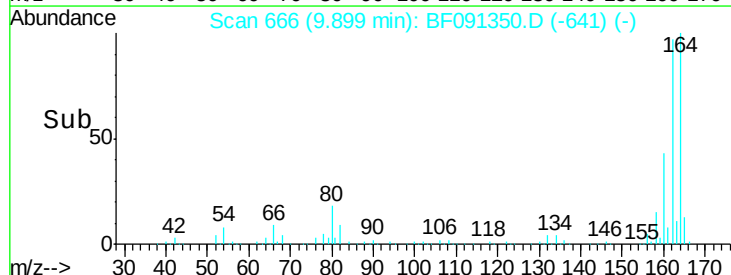
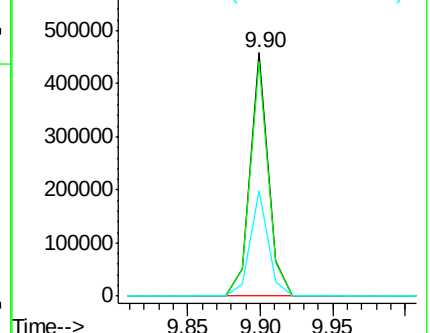
160 43.3 36.7 55.1

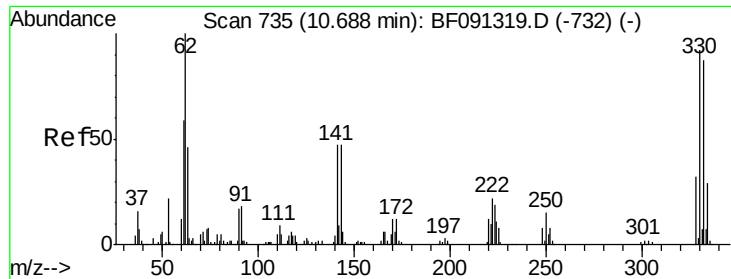


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

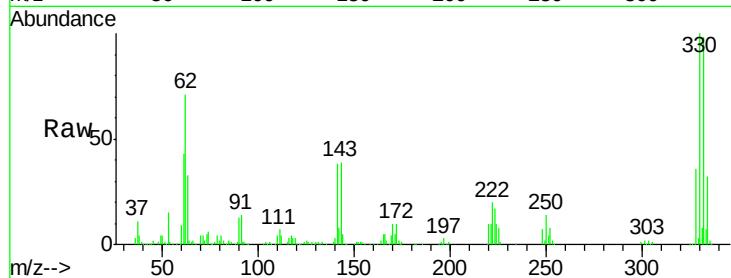




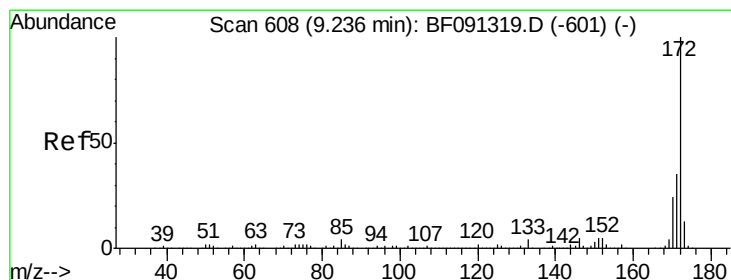
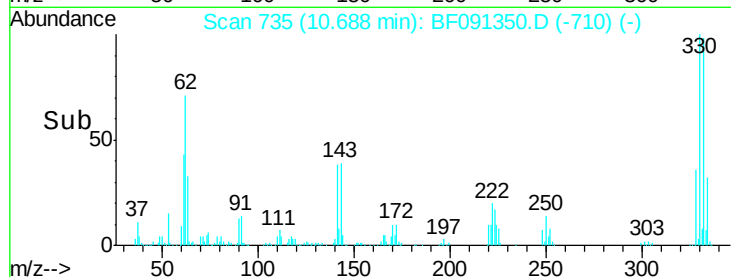
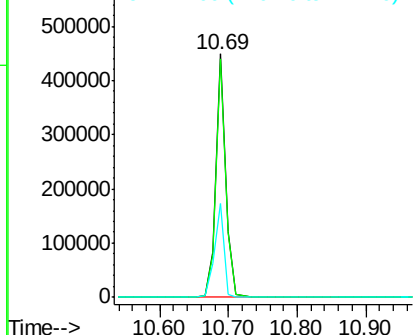
#41
 2,4,6-Tribromophenol
 Concen: 122.65 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091350.D
 Acq: 30 Nov 2016 13:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.2	114.4
141	36.6	33.6	50.4

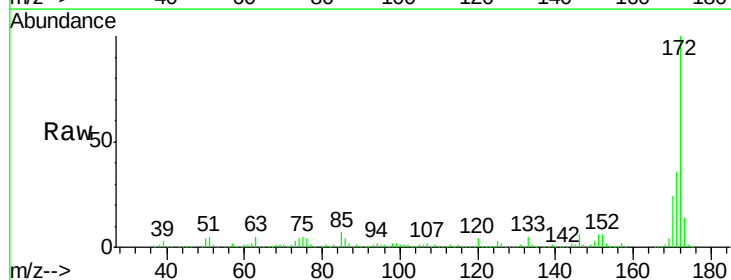


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

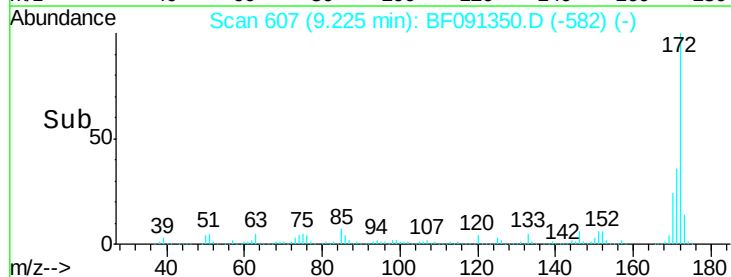
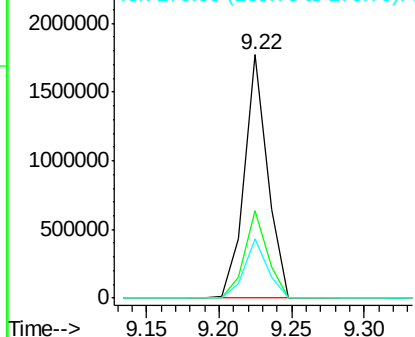


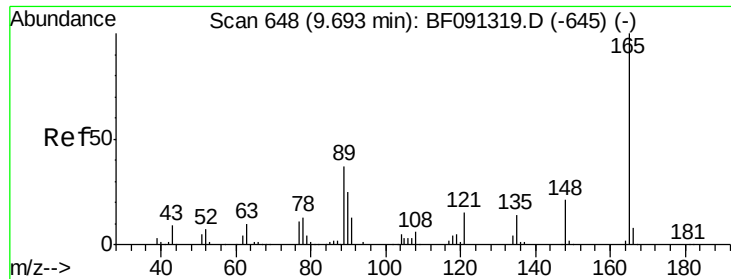
#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091350.D
 Acq: 30 Nov 2016 13:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.4	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

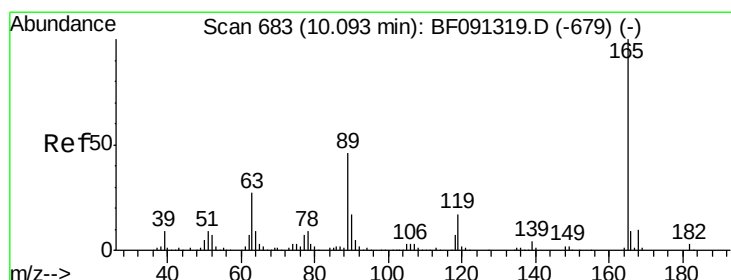
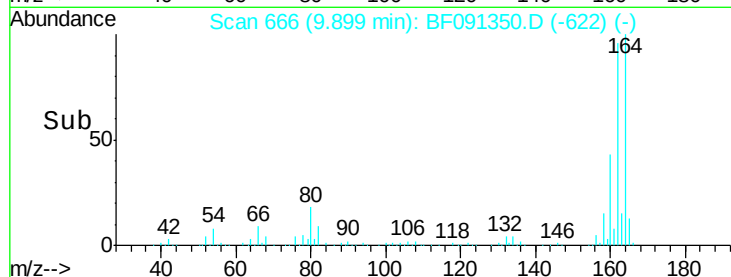
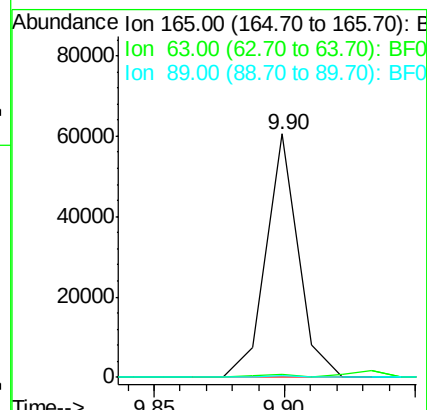
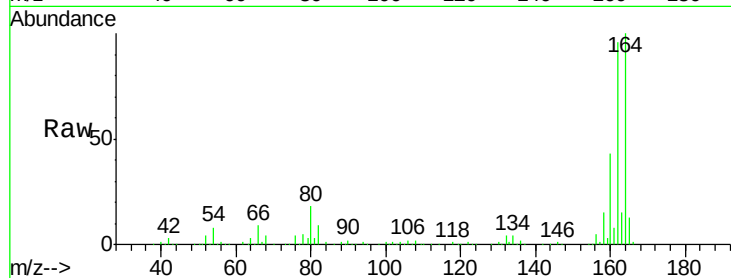




#50
 2,6-Dinitrotoluene
 Concen: 9.74 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091350.D
 Acq: 30 Nov 2016 13:18

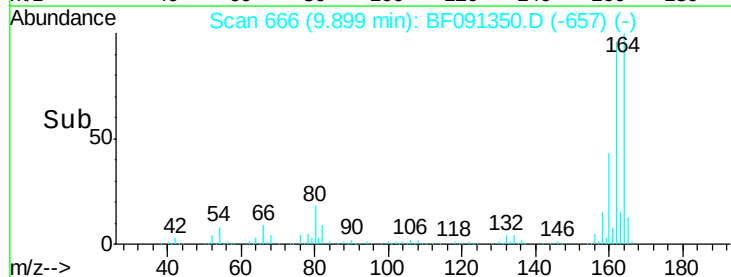
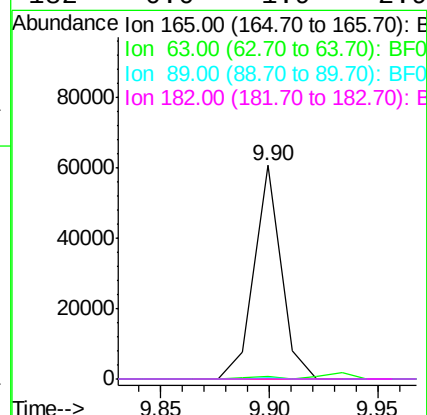
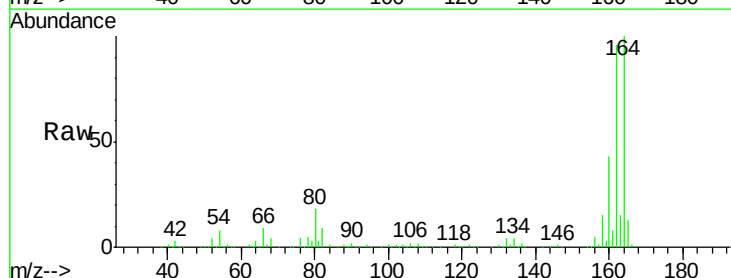
Instrument :
 BNA_F
 ClientSampleId :

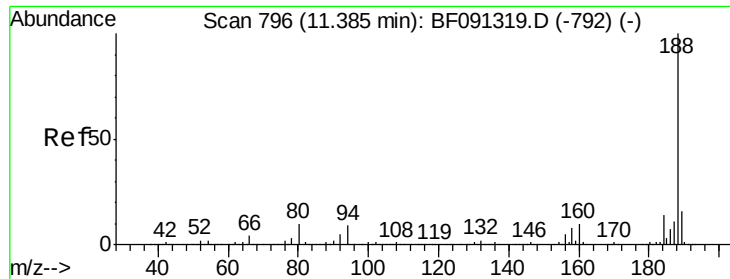
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	59.4	89.0#
89	0.8	50.8	76.2#



#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091350.D
 Acq: 30 Nov 2016 13:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.0	43.4#
89	0.8	43.1	64.7#
182	0.0	1.9	2.9#

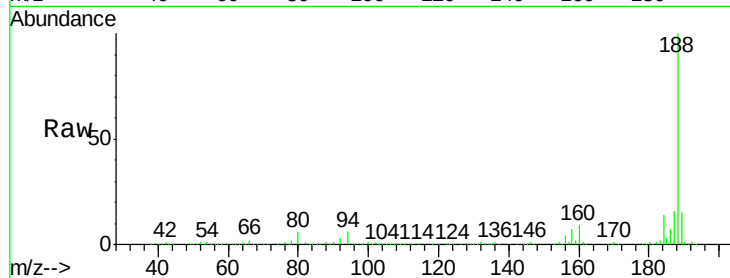




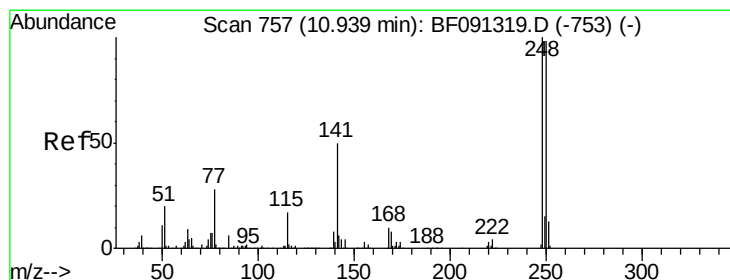
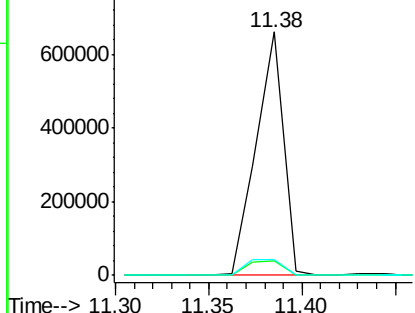
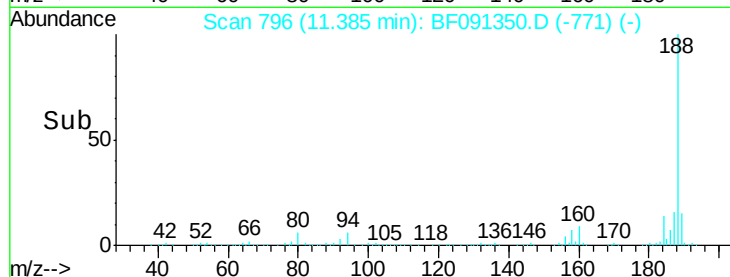
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091350.D
 Acq: 30 Nov 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 668428
 Ion Ratio Lower Upper
 188 100
 94 6.1 9.2 13.8#
 80 6.4 10.5 15.7#

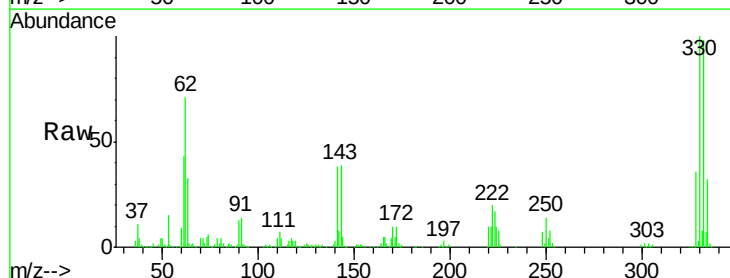


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

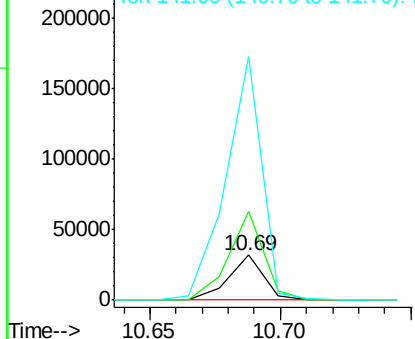
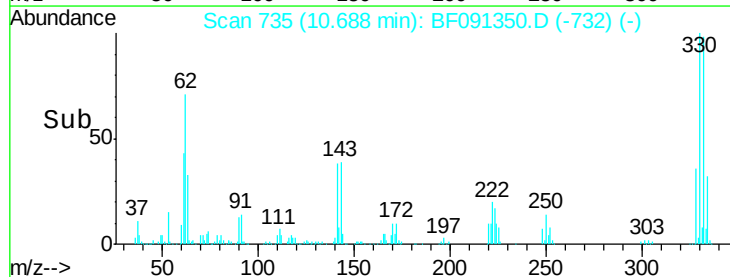


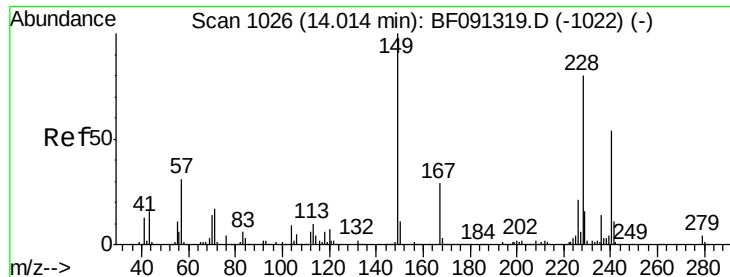
#66
 4-Bromophenyl-phenylether
 Concen: 4.12 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.27 min
 Lab File: BF091350.D
 Acq: 30 Nov 2016 13:18

Tgt Ion:248 Resp: 29592
 Ion Ratio Lower Upper
 248 100
 250 198.6 78.2 117.4#
 141 541.1 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: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

Instrument :

BNA_F

ClientSampleId :

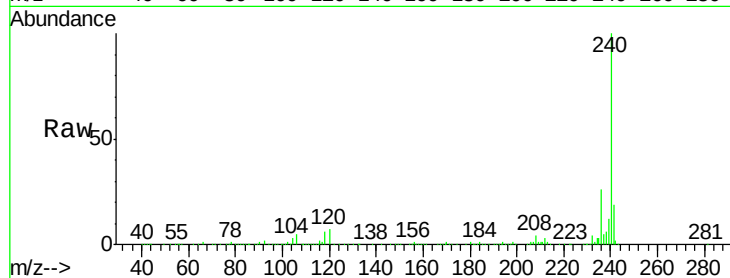
Tot Ion:240 Resp: 459553

Ion Ratio Lower Upper

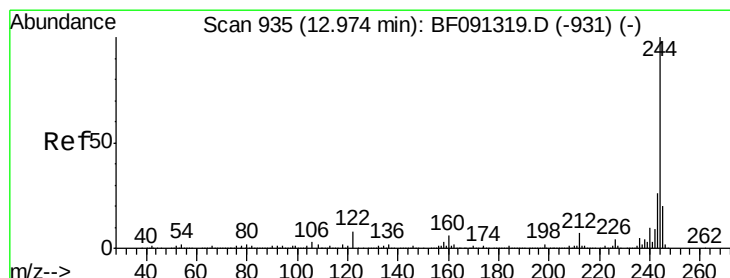
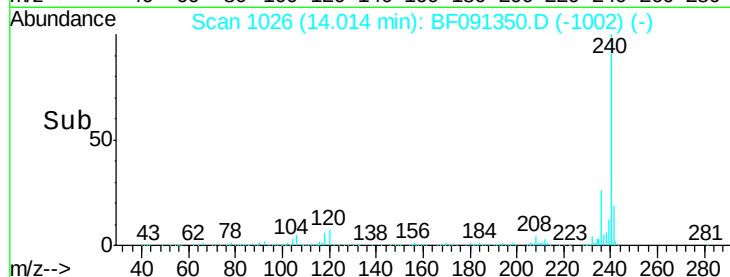
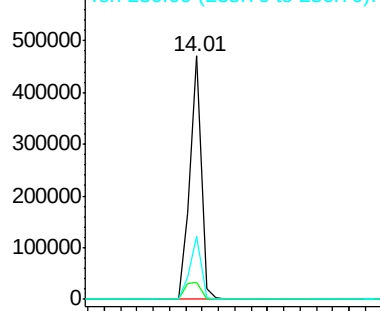
240 100

120 7.1 12.1 18.1#

236 25.8 21.0 31.6



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: 96.43 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091350.D

Acq: 30 Nov 2016 13:18

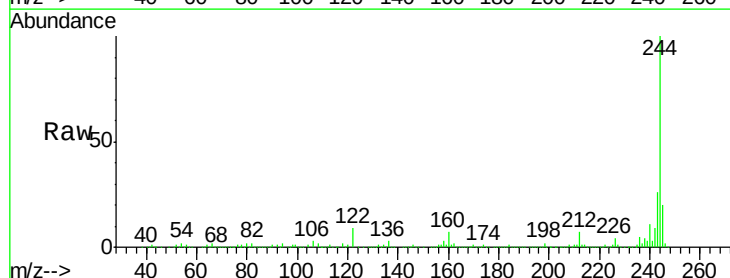
Tgt Ion:244 Resp: 2038970

Ion Ratio Lower Upper

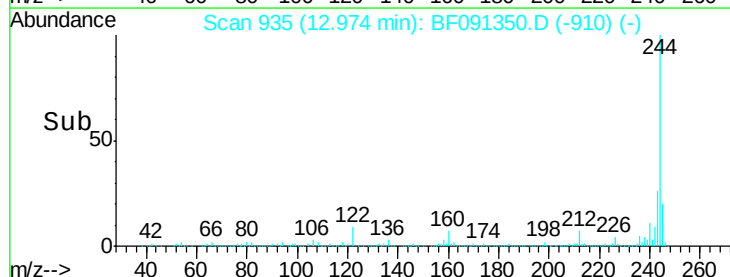
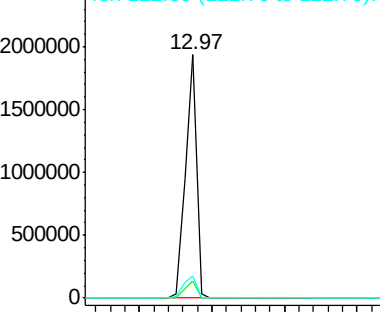
244 100

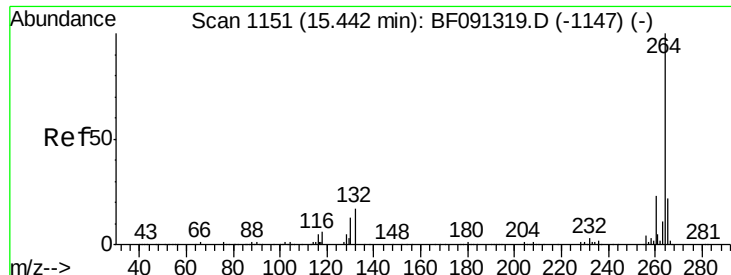
212 7.2 6.5 9.7

122 8.9 9.5 14.3#



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

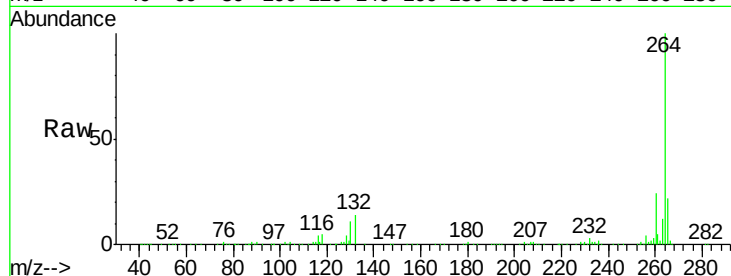




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091350.D
Acq: 30 Nov 2016 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.7	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

