

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091393.D
 Acq On : 2 Dec 2016 17:06
 Operator : UM/SJ
 Sample : PB94987BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BL

Quant Time: Dec 02 22:19:10 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

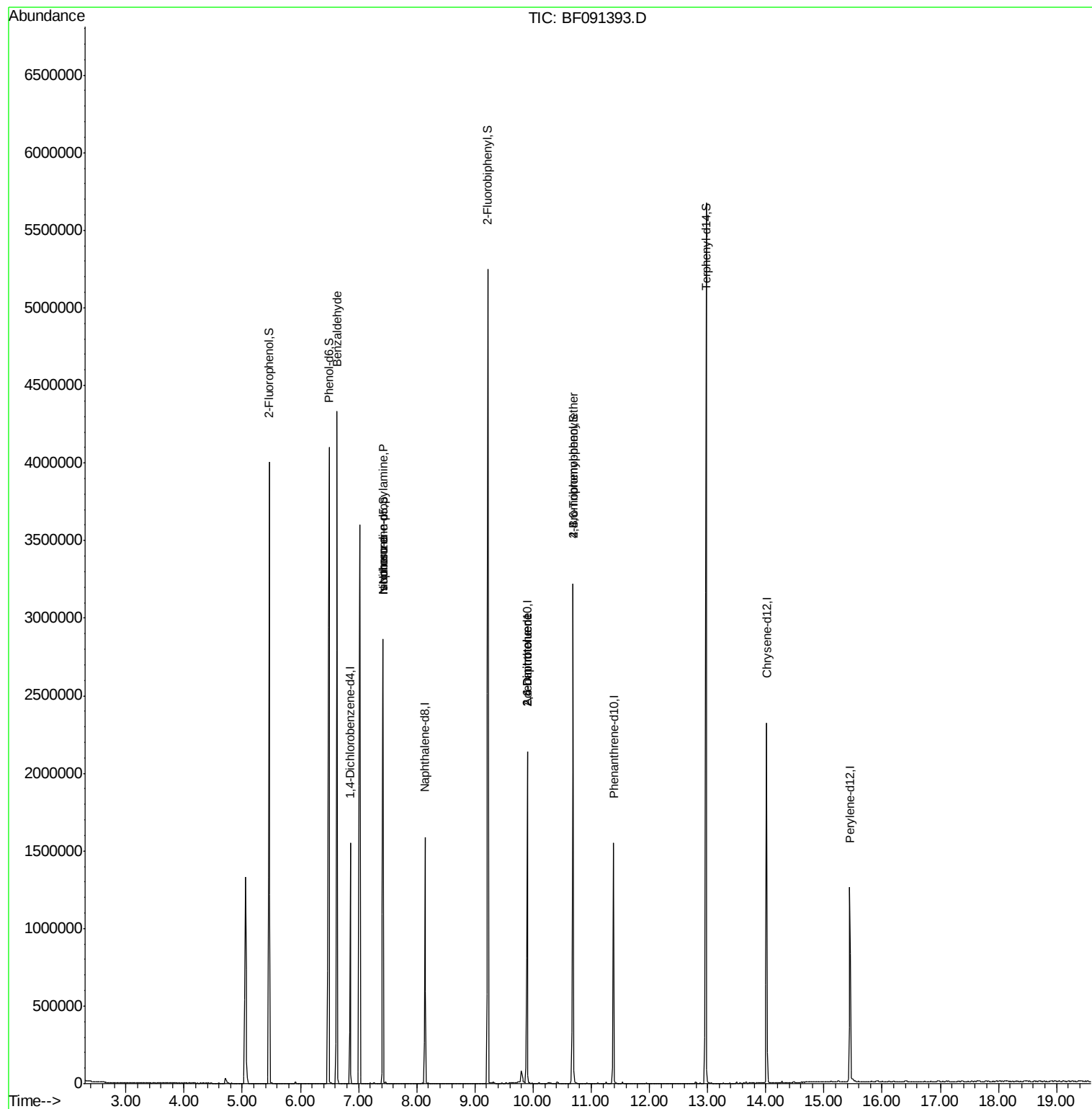
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	208399	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	805675	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	527916	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	906903	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	836455	20.00	ng	-0.03
86) Perylene-d12	15.44	264	694818	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1171944	91.87	ng	0.00
7) Phenol-d6	6.49	99	1723908	109.78	ng	0.00
23) Nitrobenzene-d5	7.42	82	920371	64.02	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	499965	100.04	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1918799	65.81	ng	-0.02
78) Terphenyl-d14	12.97	244	2142723	55.68	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	33729	3.34	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.42	70	125506	12.69	ng	# 74
25) Isophorone	7.42	82	669285	26.28	ng	# 67
50) 2,6-Dinitrotoluene	9.90	165	66053	9.25	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	66042	7.13	ng	# 34
66) 4-Bromophenyl-phenylether	10.69	248	32177	3.30	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091393.D

Acq: 2 Dec 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB94987BL

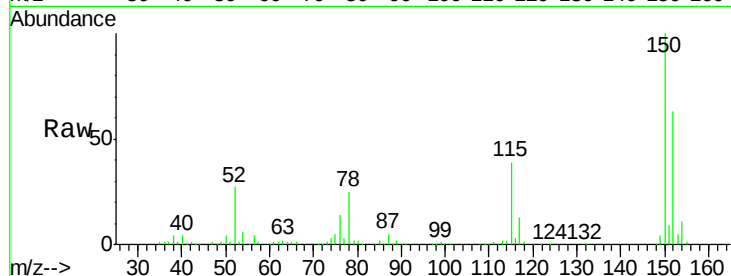
Tgt Ion:152 Resp: 208399

Ion Ratio Lower Upper

152 100

150 159.5 122.5 183.7

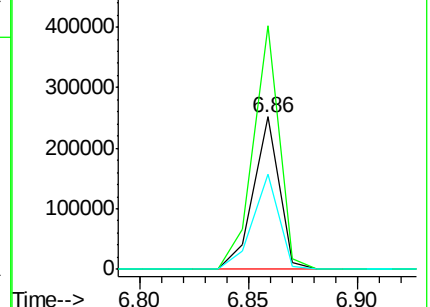
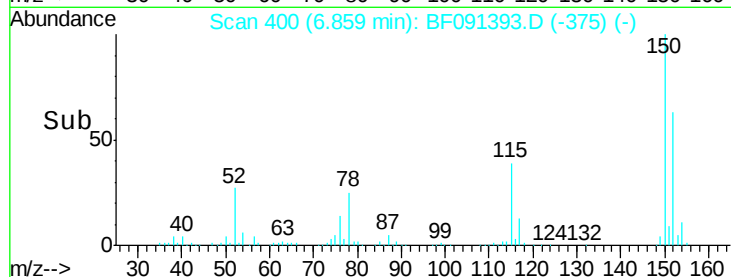
115 62.6 51.8 77.8



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: 91.87 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091393.D

Acq: 2 Dec 2016 17:06

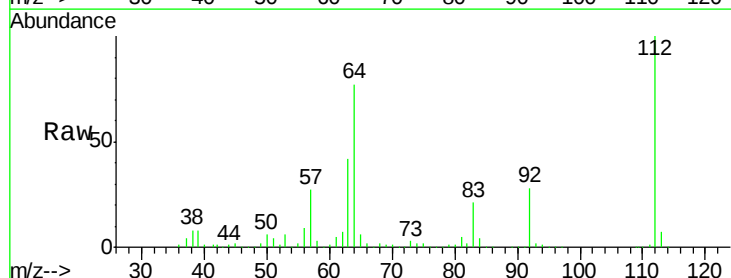
Tgt Ion:112 Resp: 1171944

Ion Ratio Lower Upper

112 100

64 77.2 61.5 92.3

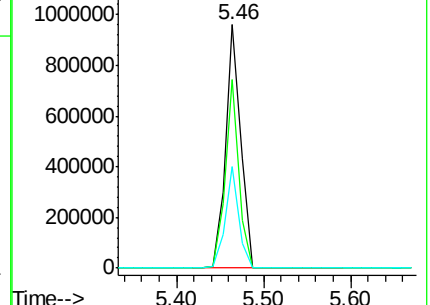
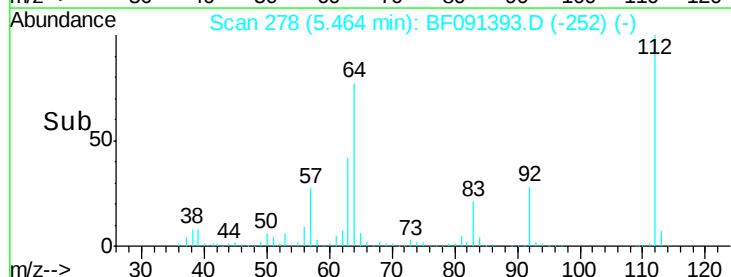
63 41.6 33.3 49.9

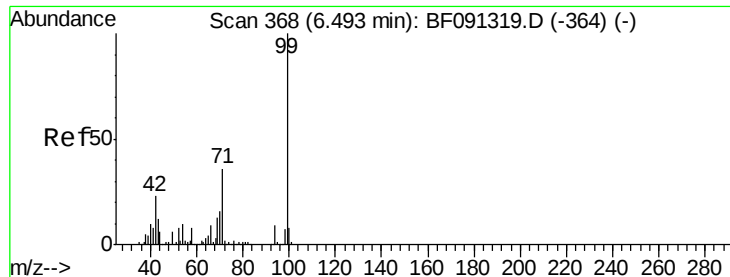


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.78 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091393.D

Acq: 2 Dec 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB94987BL

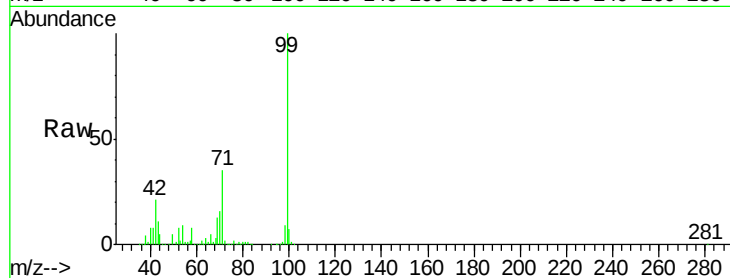
Tgt Ion: 99 Resp: 1723908

Ion Ratio Lower Upper

99 100

42 20.9 20.6 31.0

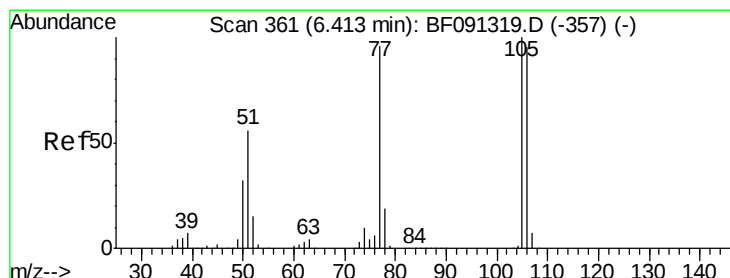
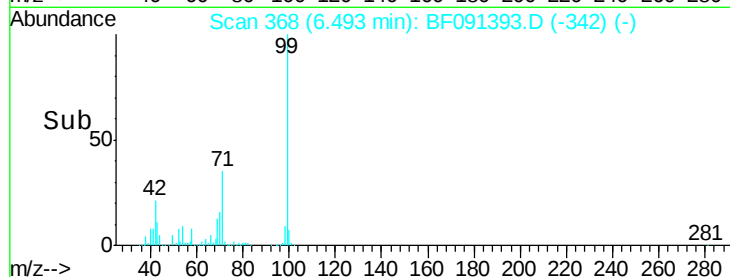
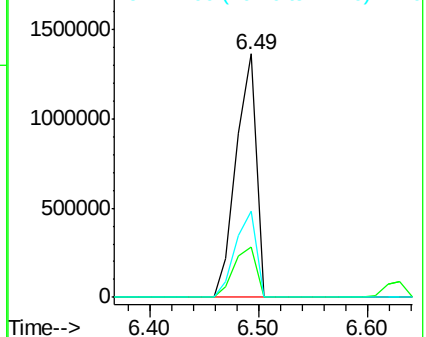
71 35.2 29.9 44.9



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: 3.34 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091393.D

Acq: 2 Dec 2016 17:06

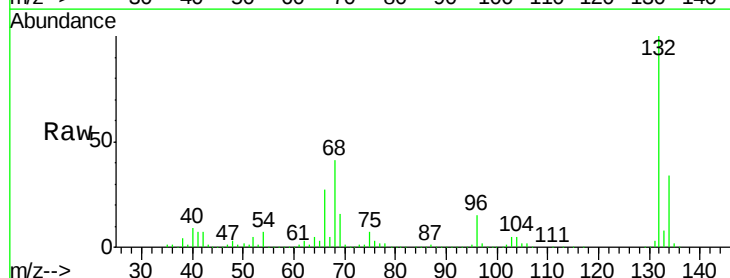
Tgt Ion: 77 Resp: 33729

Ion Ratio Lower Upper

77 100

105 78.9 66.4 106.4

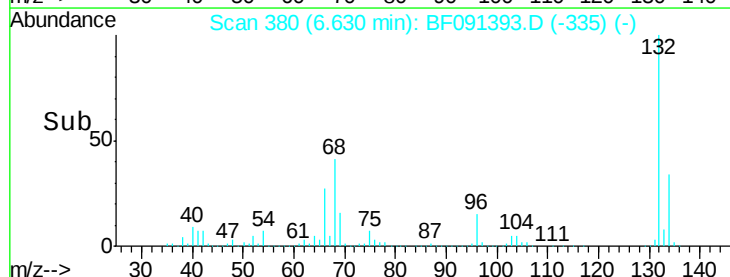
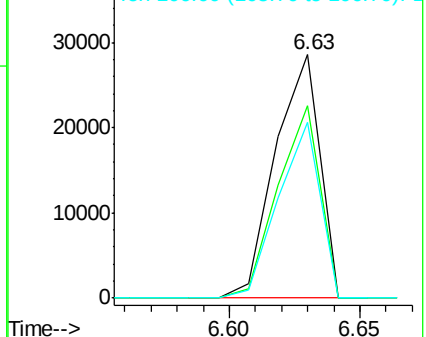
106 72.1 60.9 100.9

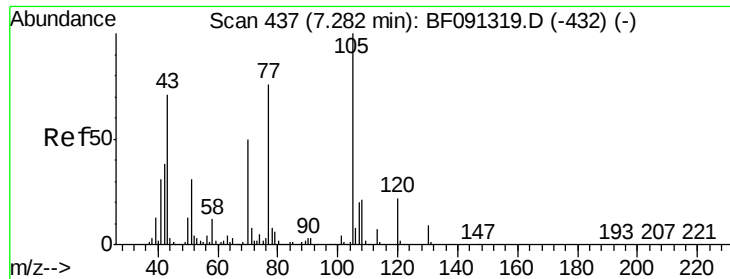


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

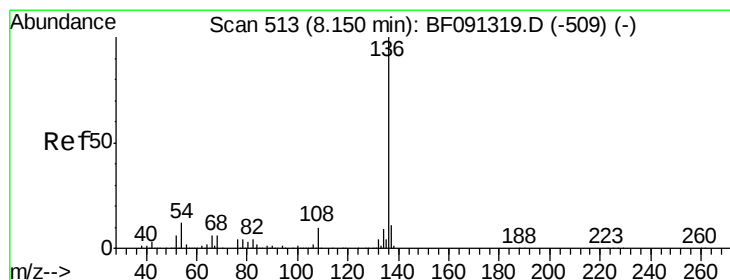
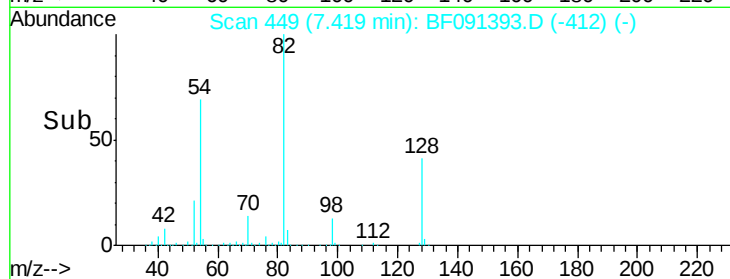
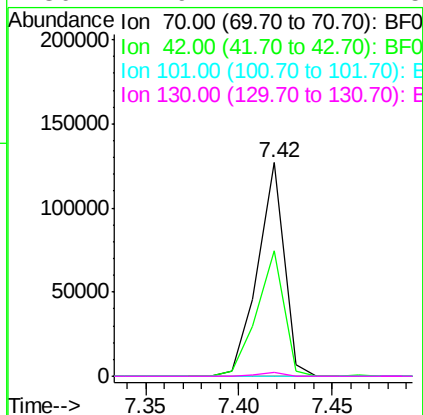
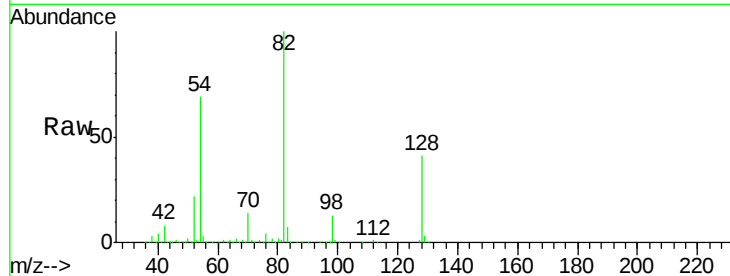




#19
n-Nitroso-di-n-propylamine
Concen: 12.69 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091393.D
Acq: 2 Dec 2016 17:06

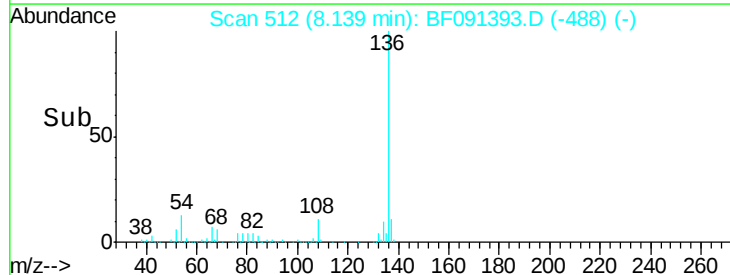
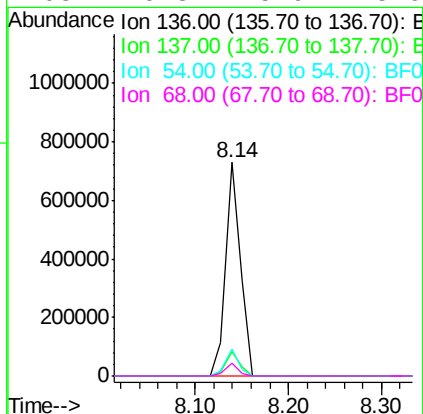
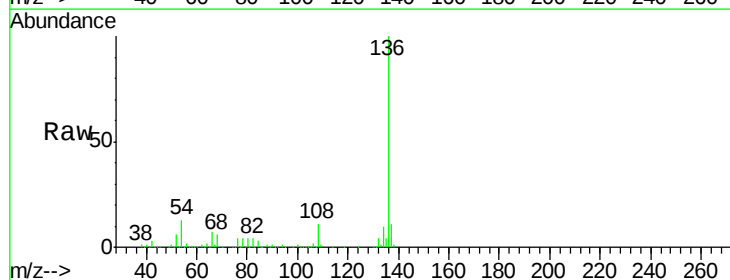
Instrument :
BNA_F
ClientSampleId :
PB94987BL

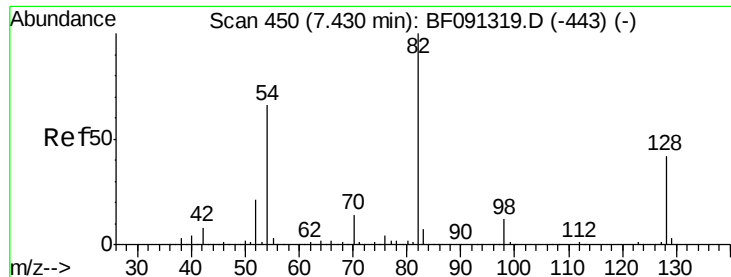
Tgt Ion: 70 Resp: 125506
Ion Ratio Lower Upper
70 100
42 58.6 64.8 97.2#
101 0.0 6.2 9.4#
130 1.9 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091393.D
Acq: 2 Dec 2016 17:06

Tgt Ion: 136 Resp: 805675
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 12.7 9.1 13.7
68 6.3 5.9 8.9

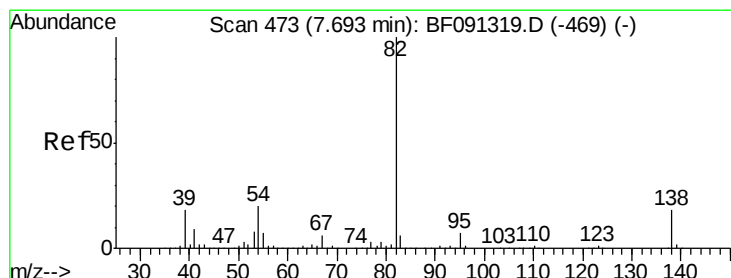
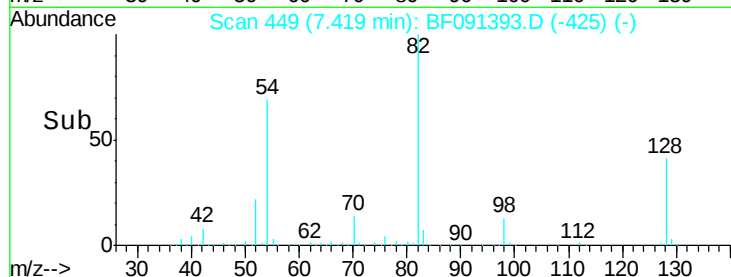
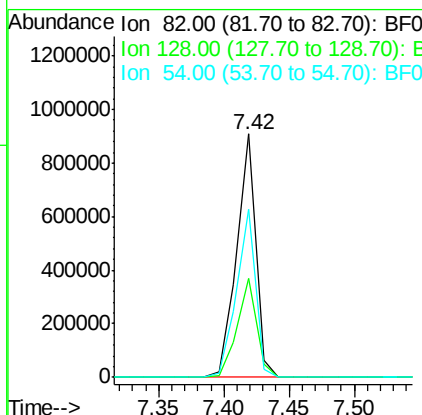
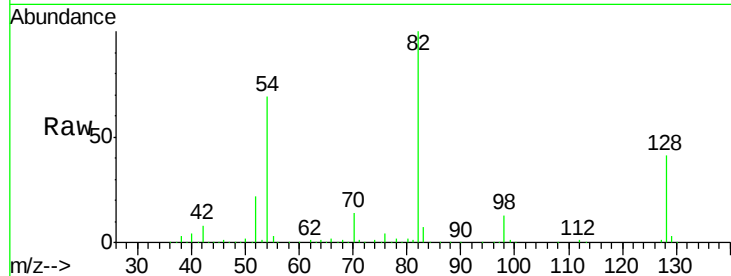




#23
Nitrobenzene-d5
Concen: 64.02 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091393.D
Acq: 2 Dec 2016 17:06

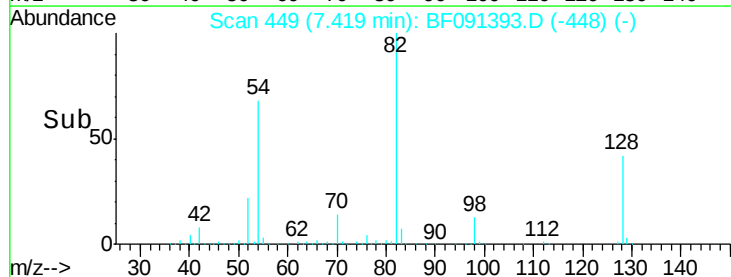
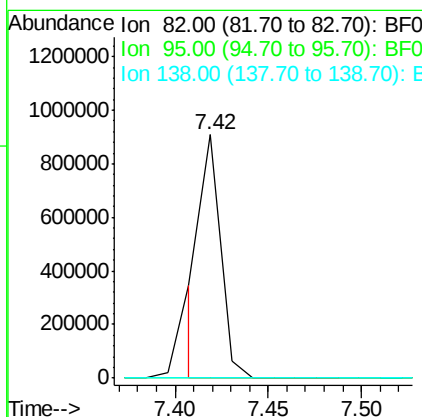
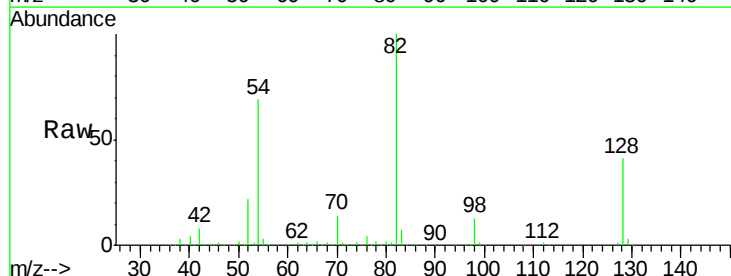
Instrument :
BNA_F
ClientSampleId :
PB94987BL

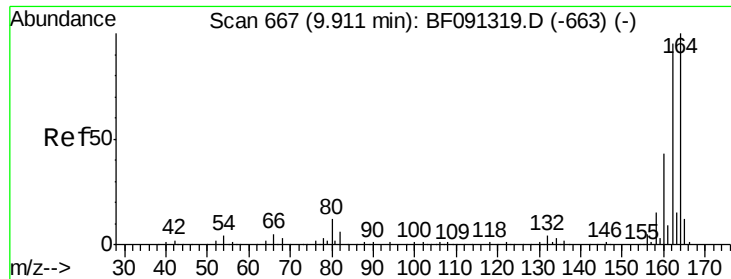
Tgt Ion: 82 Resp: 920371
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 69.1 49.1 73.7



#25
Isophorone
Concen: 26.28 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.29 min
Lab File: BF091393.D
Acq: 2 Dec 2016 17:06

Tgt Ion: 82 Resp: 669285
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.0#

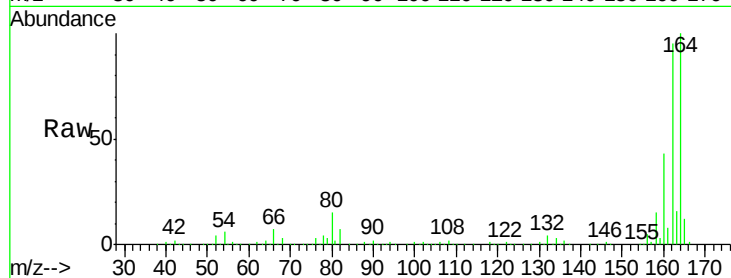




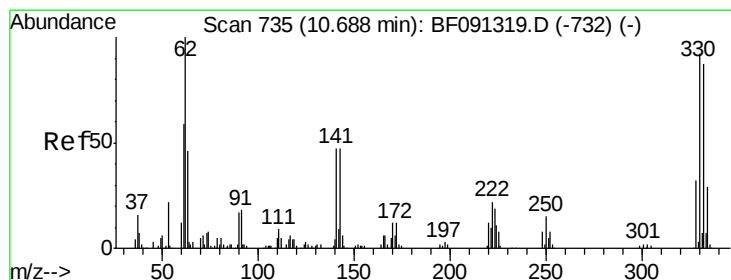
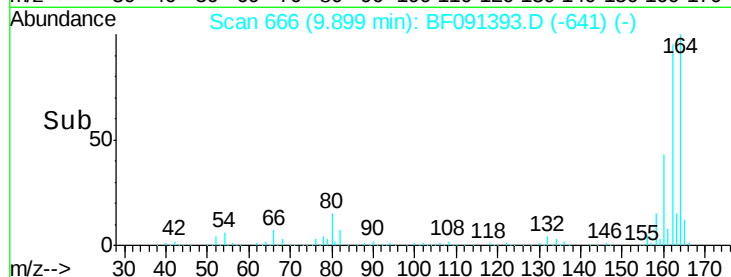
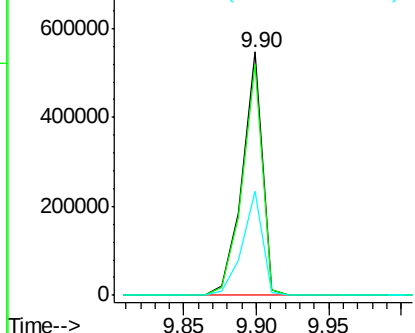
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: BF091393.D
 Acq: 2 Dec 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BL

Tgt Ion:164 Resp: 527916
 Ion Ratio Lower Upper
 164 100
 162 94.6 82.6 124.0
 160 42.6 36.7 55.1

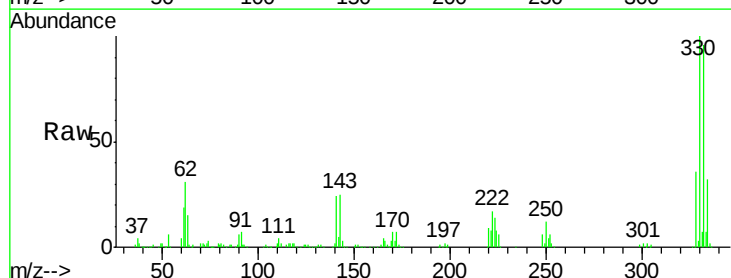


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

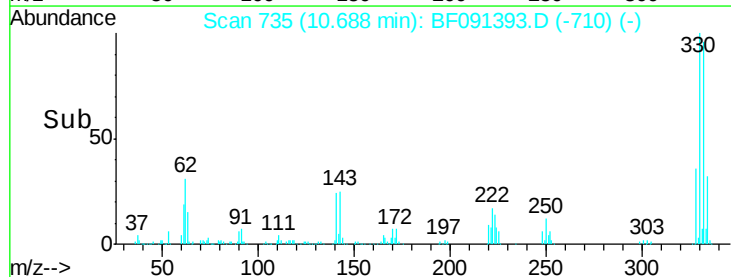
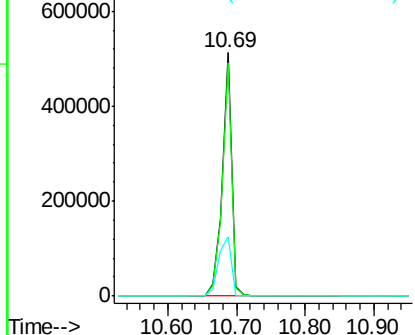


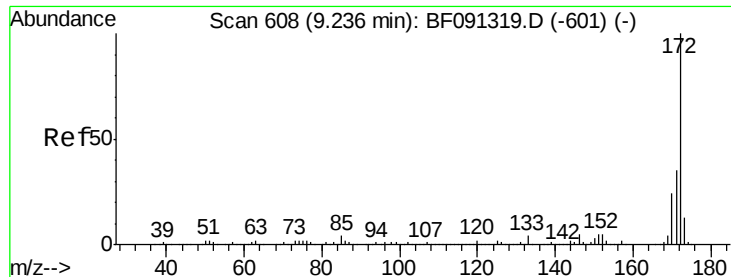
#41
 2,4,6-Tribromophenol
 Concen: 100.04 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091393.D
 Acq: 2 Dec 2016 17:06

Tgt Ion:330 Resp: 499965
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 32.9 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

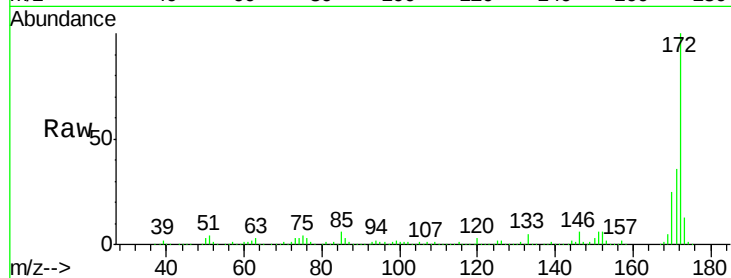




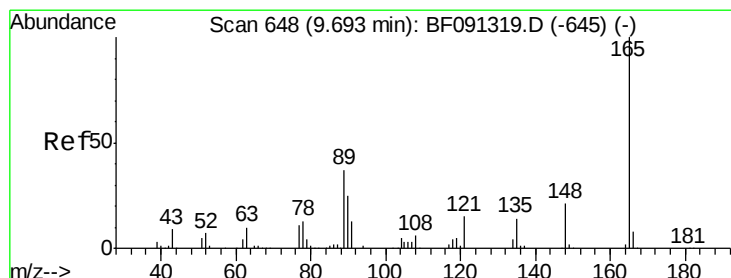
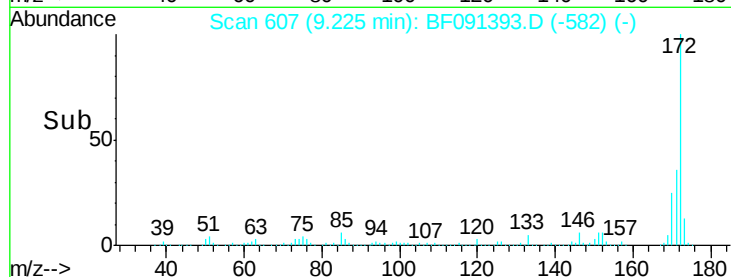
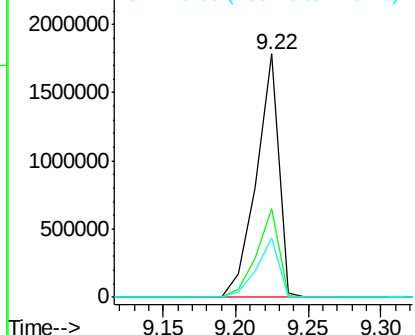
#44
 2-Fluorobiphenyl
 Concen: 65.81 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091393.D
 Acq: 2 Dec 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BL

Tgt Ion:172 Resp: 1918799
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.6 19.7 29.5

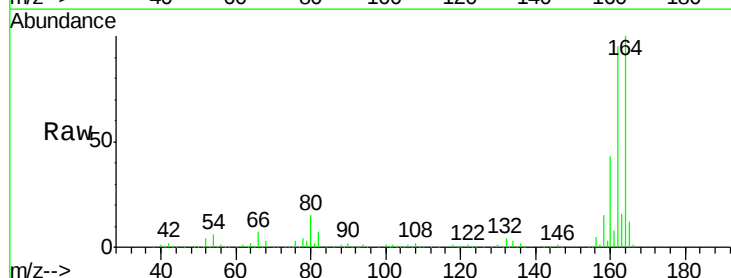


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

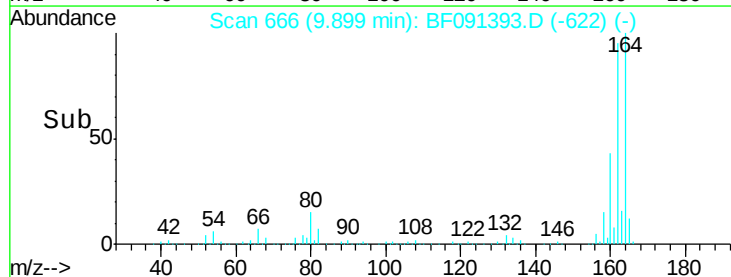
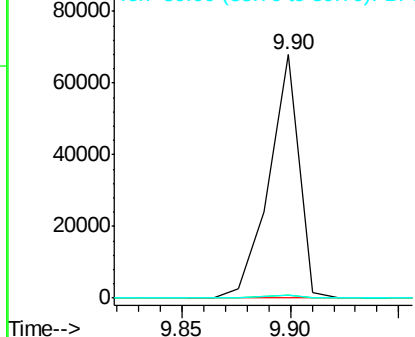


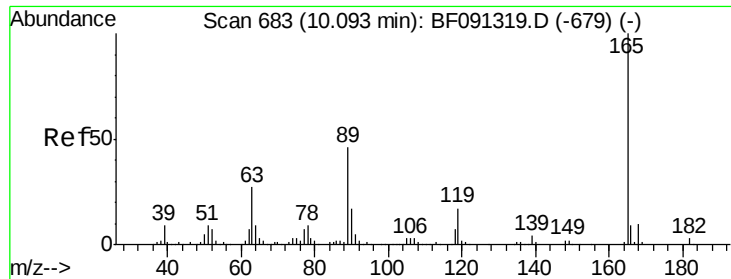
#50
 2,6-Dinitrotoluene
 Concen: 9.25 ng
 RT: 9.90 min Scan# 666
 Delta R.T. 0.20 min
 Lab File: BF091393.D
 Acq: 2 Dec 2016 17:06

Tgt Ion:165 Resp: 66053
 Ion Ratio Lower Upper
 165 100
 63 1.0 59.4 89.0#
 89 1.2 50.8 76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

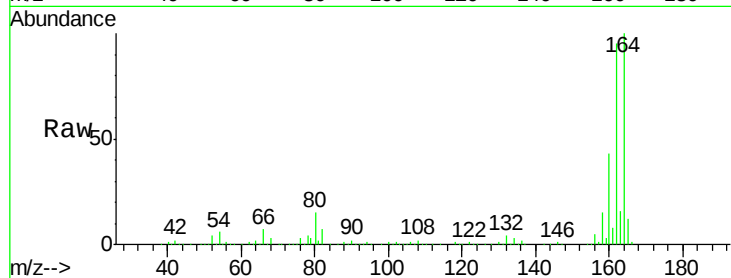




#56
 2,4-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.90 min Scan# 666
 Delta R.T. -0.20 min
 Lab File: BF091393.D
 Acq: 2 Dec 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BL

Tgt Ion:	165	Resp:	66042
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

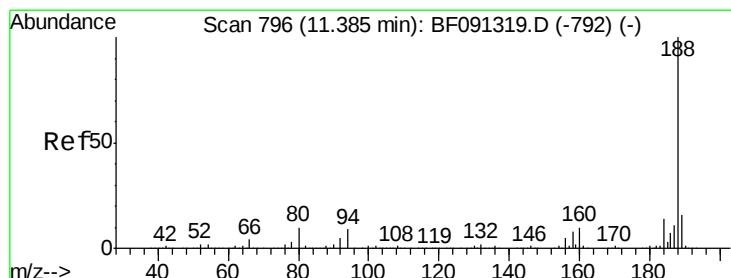
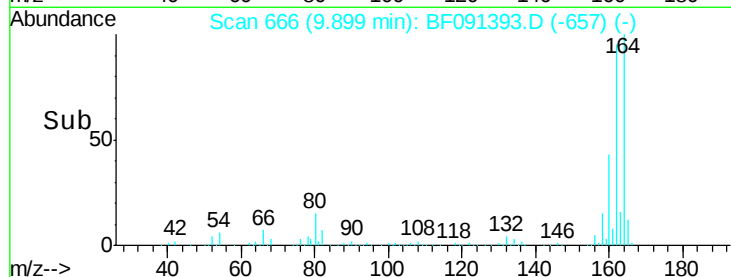
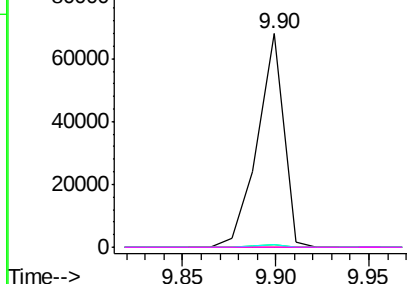


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

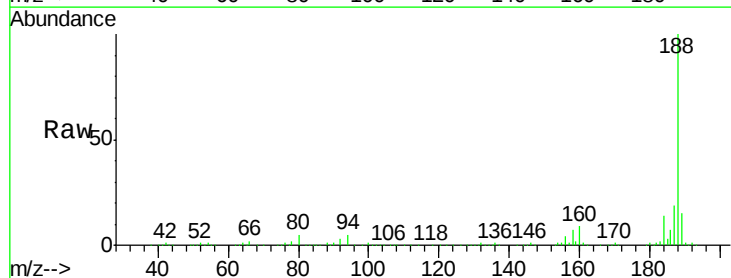
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091393.D
 Acq: 2 Dec 2016 17:06

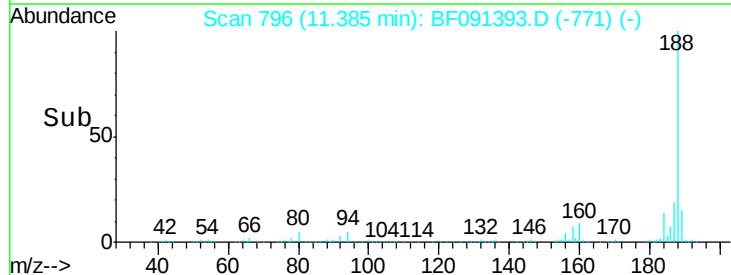
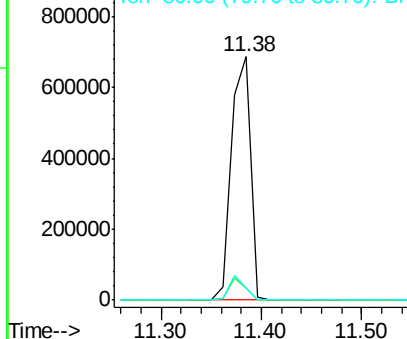
Tgt Ion:	188	Resp:	906903
Ion	Ratio	Lower	Upper
188	100		
94	5.1	9.2	13.8#
80	4.9	10.5	15.7#

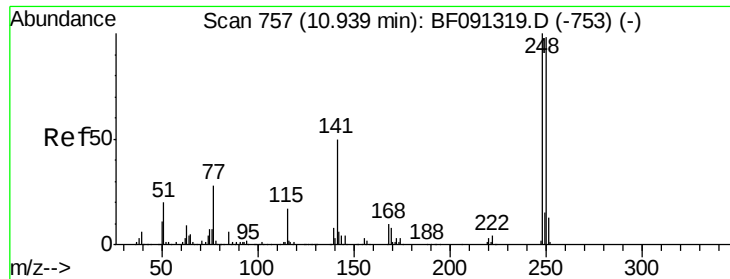


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.30 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF091393.D

Acq: 2 Dec 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB94987BL

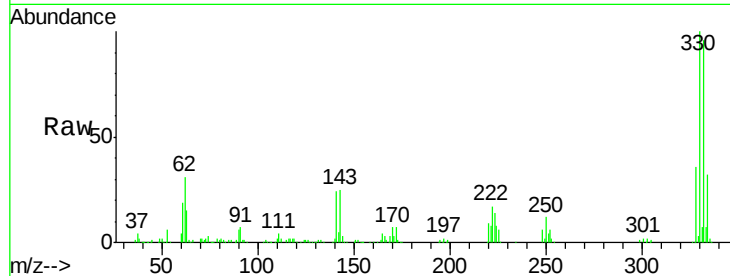
Tgt Ion:248 Resp: 32177

Ion Ratio Lower Upper

248 100

250 194.9 78.2 117.4#

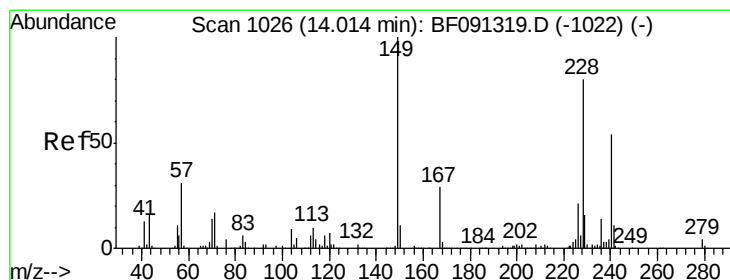
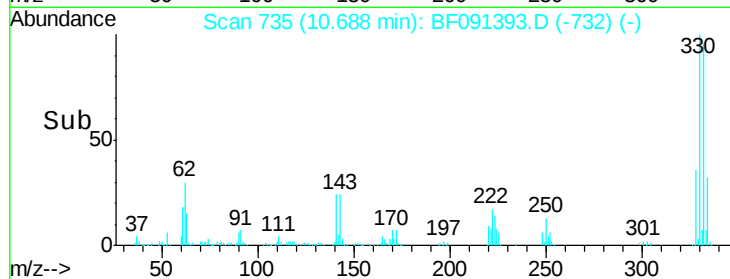
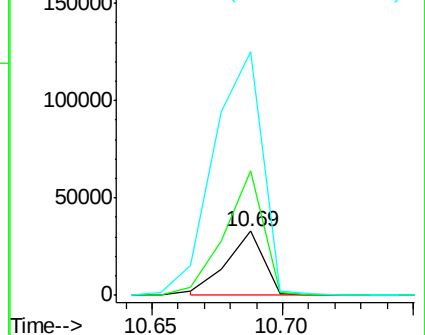
141 380.7 71.9 107.9#



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: BF091393.D

Acq: 2 Dec 2016 17:06

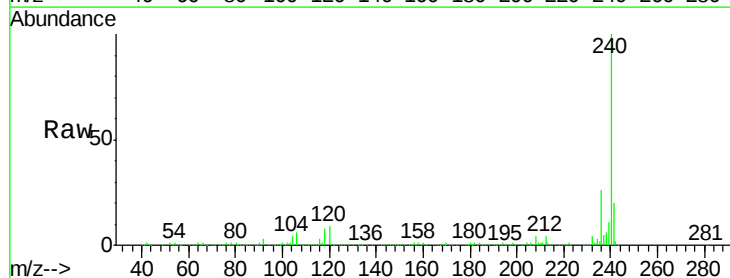
Tgt Ion:240 Resp: 836455

Ion Ratio Lower Upper

240 100

120 9.2 12.1 18.1#

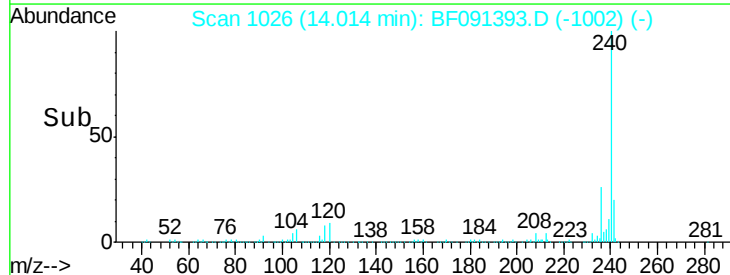
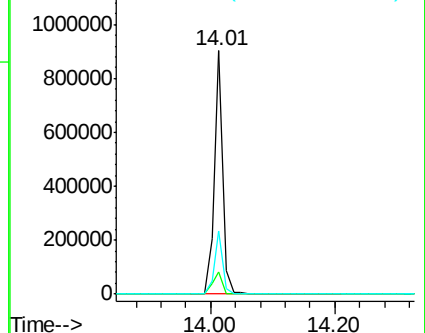
236 25.8 21.0 31.6

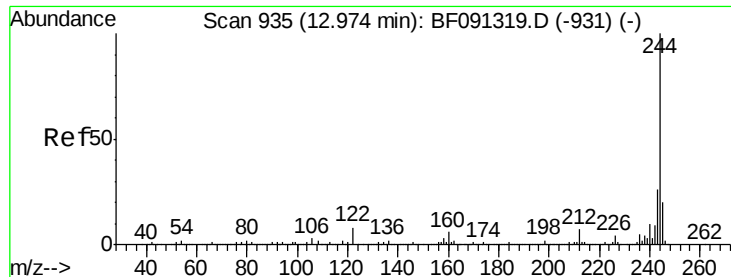


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

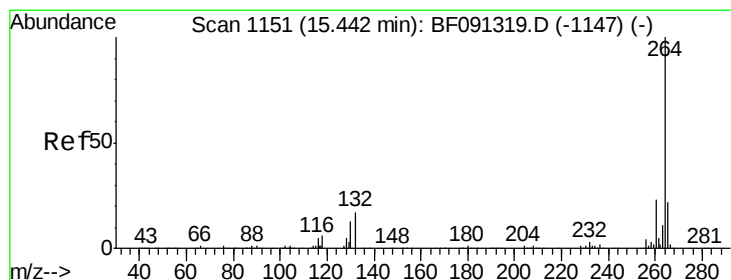
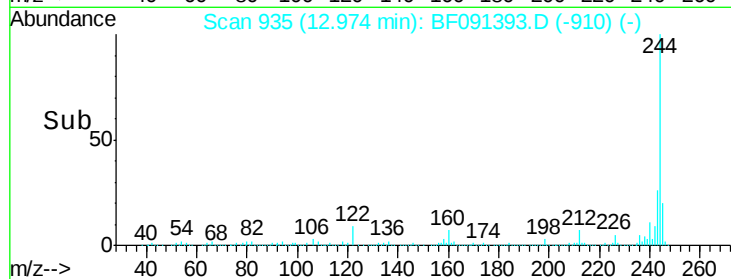
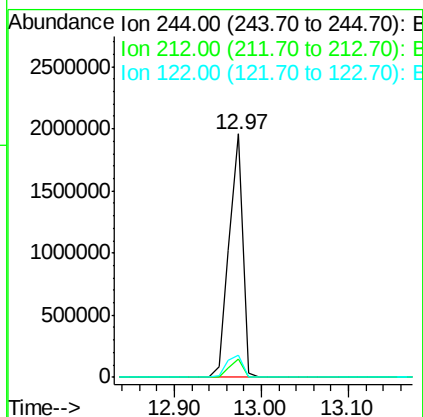
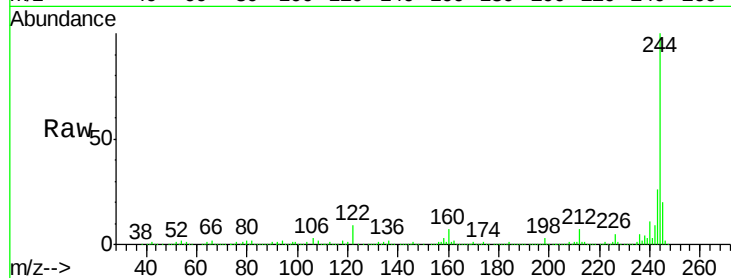




#78
 Terphenyl-d14
 Concen: 55.68 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091393.D
 Acq: 2 Dec 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94987BL

Tgt Ion:244 Resp: 2142723
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 9.0 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091393.D
 Acq: 2 Dec 2016 17:06

Tgt Ion:264 Resp: 694818
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 22.0 17.0 25.6

