

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091298.D
 Acq On : 24 Nov 2016 2:00
 Operator : UM/SJ
 Sample : H5740-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(6.5-7.5)

Quant Time: Nov 24 05:14:49 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

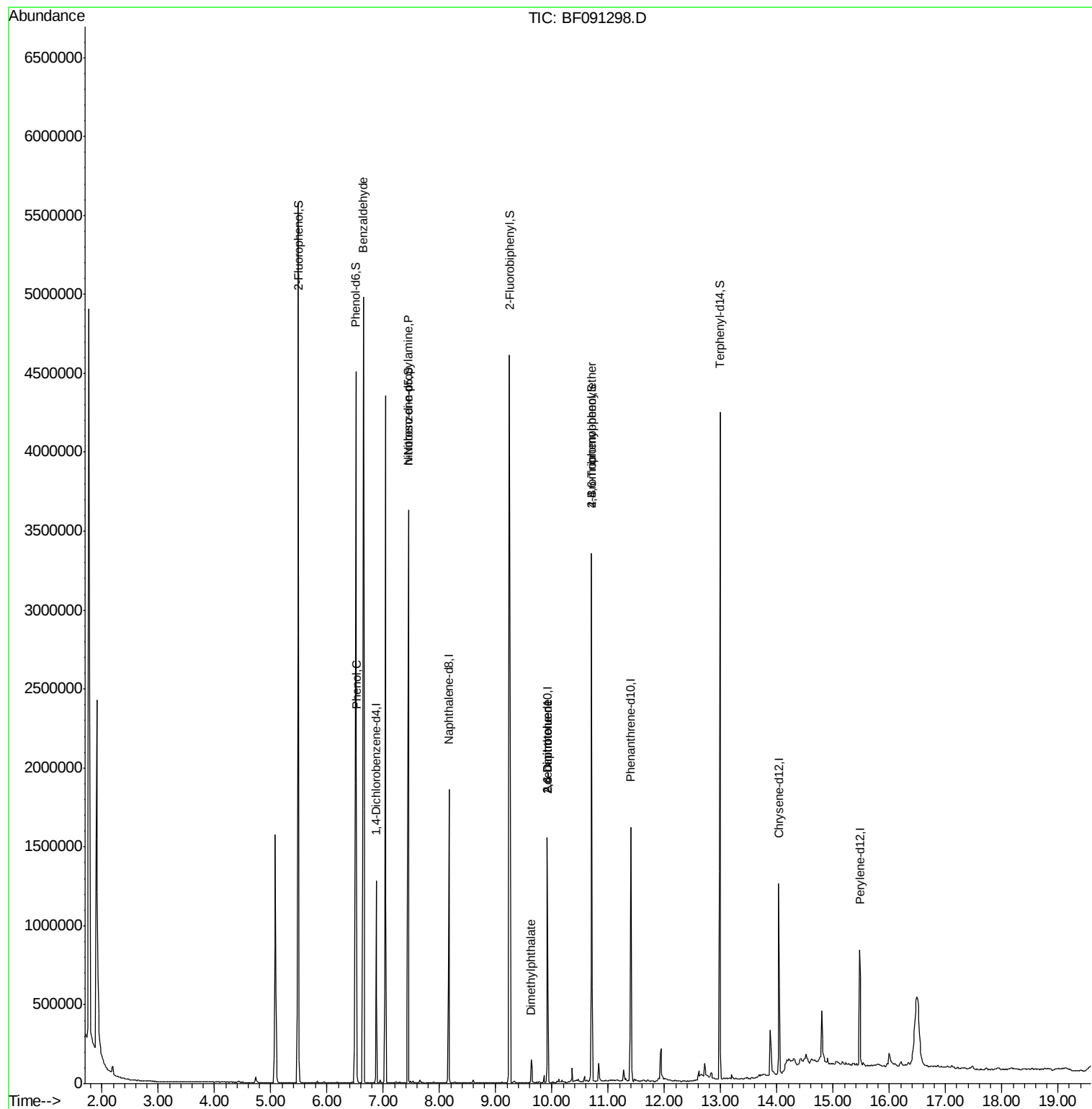
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198447	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	836759	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	374732	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	555624	20.00	ng	0.00
75) Chrysene-d12	14.03	240	482086	20.00	ng	-0.01
86) Perylene-d12	15.47	264	402135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1505660	121.90	ng	0.02
7) Phenol-d6	6.51	99	1849110	116.52	ng	0.01
23) Nitrobenzene-d5	7.45	82	1321063	90.89	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	397635	105.22	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1865211	81.50	ng	0.00
78) Terphenyl-d14	12.99	244	1336030	63.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	35145	3.03	ng	86
10) Phenol	6.52	94	112383	6.35	ng	85
19) n-Nitroso-di-n-propylamine	7.45	70	185224	18.61	ng	# 69
49) Dimethylphthalate	9.63	163	68920	2.95	ng	98
50) 2,6-Dinitrotoluene	9.92	165	49109	9.61	ng	# 16
56) 2,4-Dinitrotoluene	9.92	165	49111	7.59	ng	# 33
66) 4-Bromophenyl-phenylether	10.70	248	23731	3.91	ng	# 1

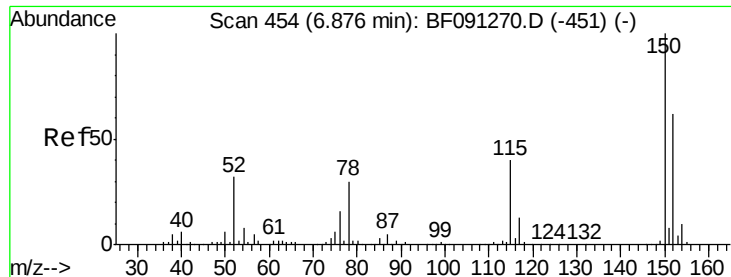
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-06(6.5-7.5)

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SB-06(6.5-7.5)

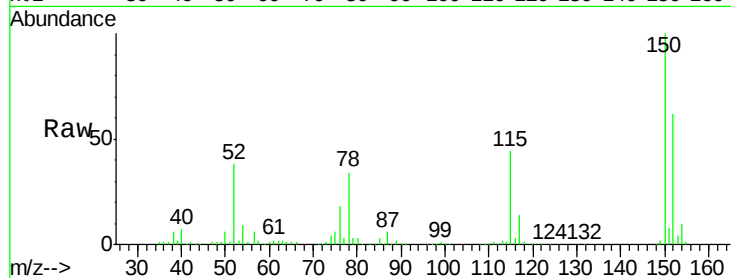
Tgt Ion:152 Resp: 198447

Ion Ratio Lower Upper

152 100

150 161.2 122.5 183.7

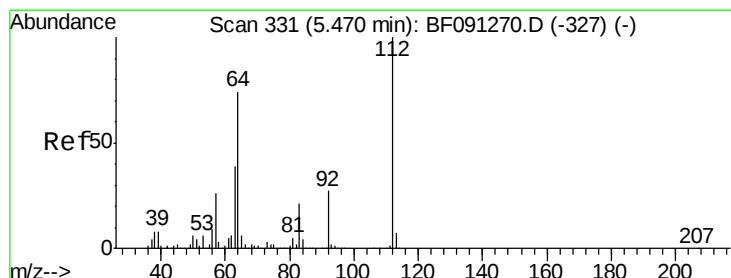
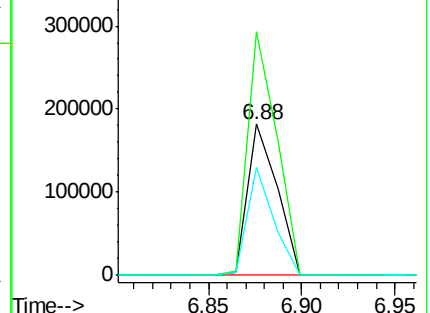
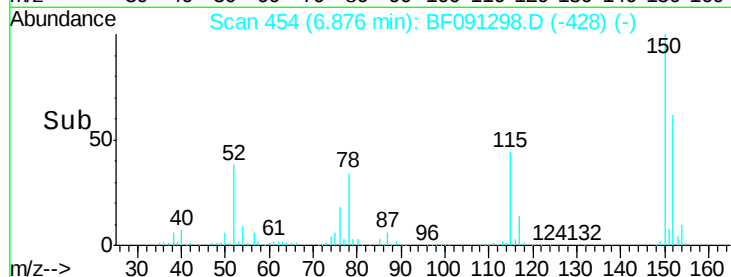
115 71.5 51.8 77.8



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: 121.90 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

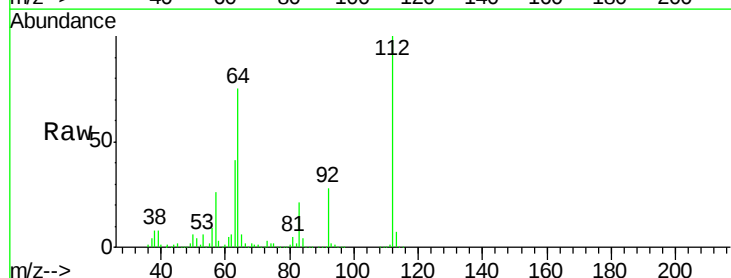
Tgt Ion:112 Resp: 1505660

Ion Ratio Lower Upper

112 100

64 75.3 61.5 92.3

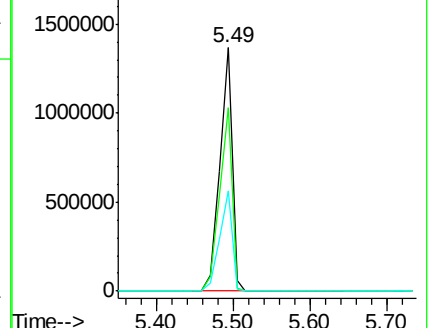
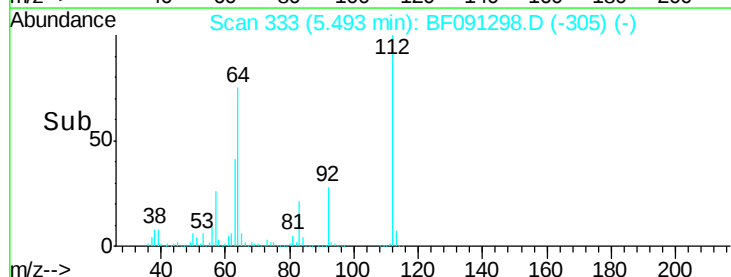
63 41.2 33.3 49.9

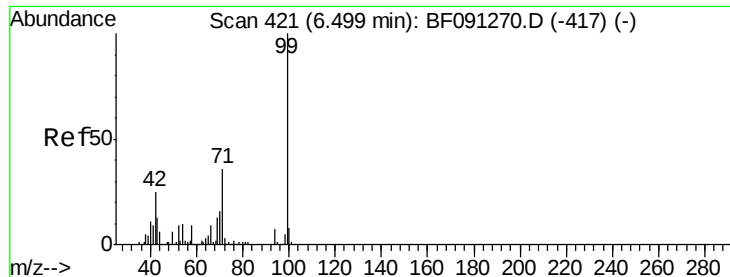


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.52 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SB-06(6.5-7.5)

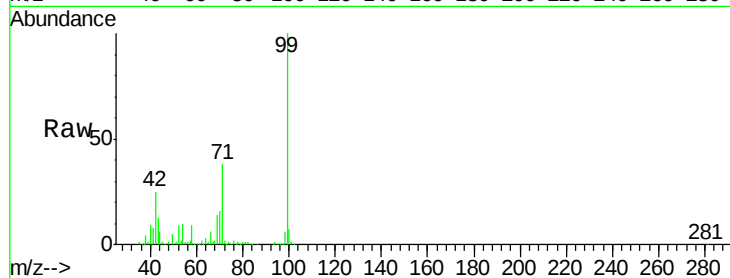
Tgt Ion: 99 Resp: 1849110

Ion Ratio Lower Upper

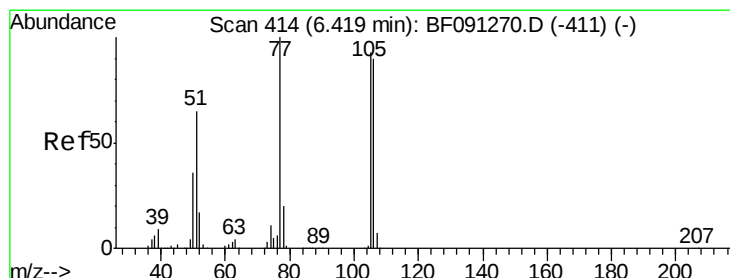
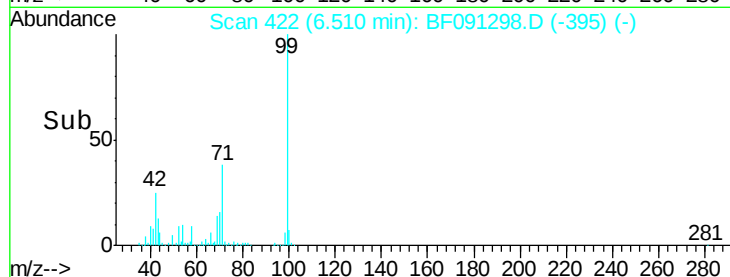
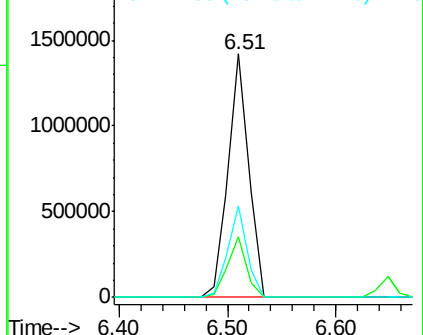
99 100

42 24.7 20.6 31.0

71 37.7 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: 3.03 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

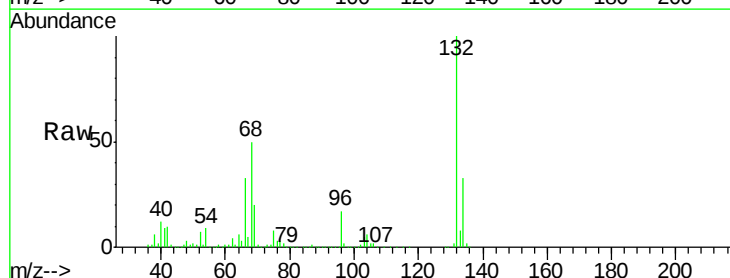
Tgt Ion: 77 Resp: 35145

Ion Ratio Lower Upper

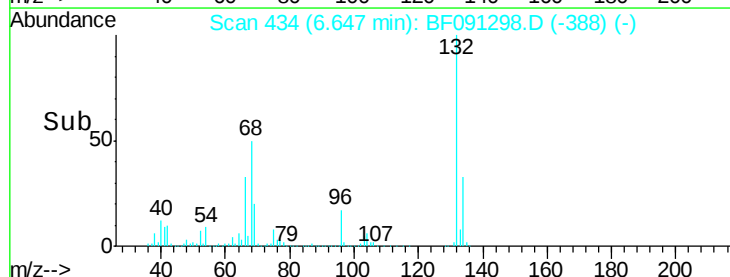
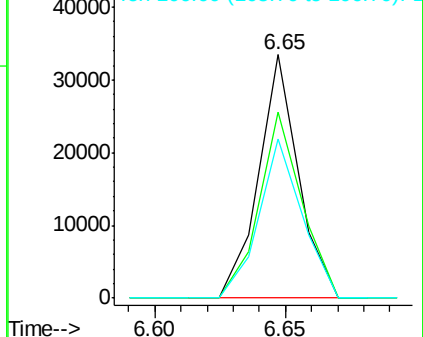
77 100

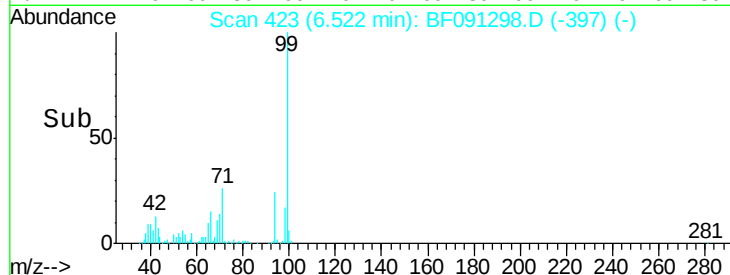
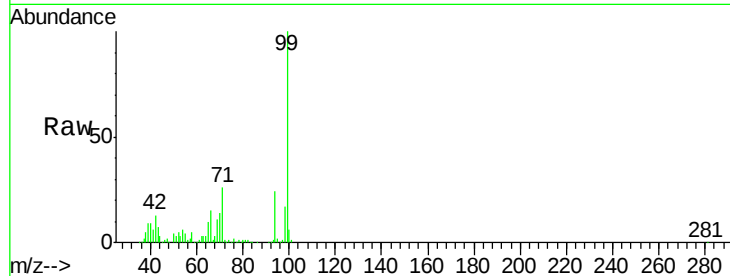
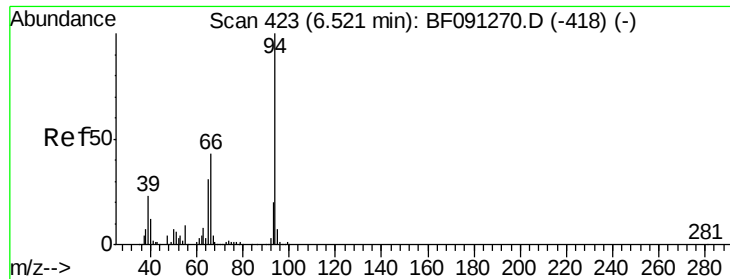
105 76.2 66.4 106.4

106 65.6 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





#10

Phenol

Concen: 6.35 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SB-06(6.5-7.5)

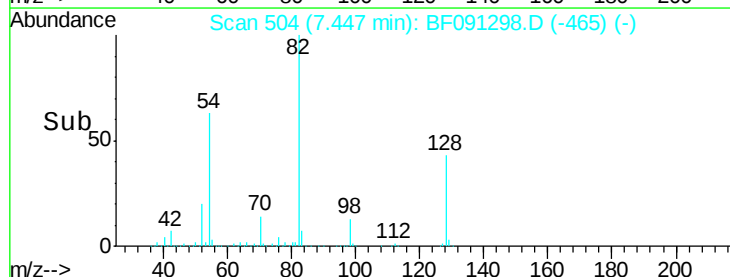
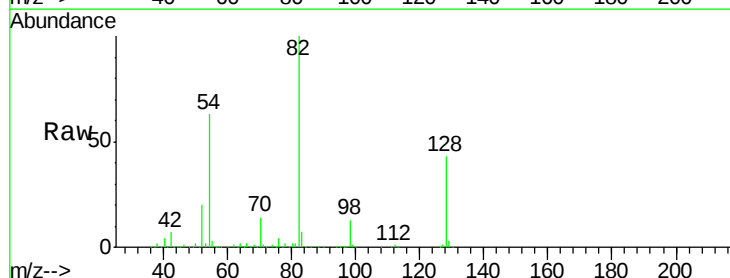
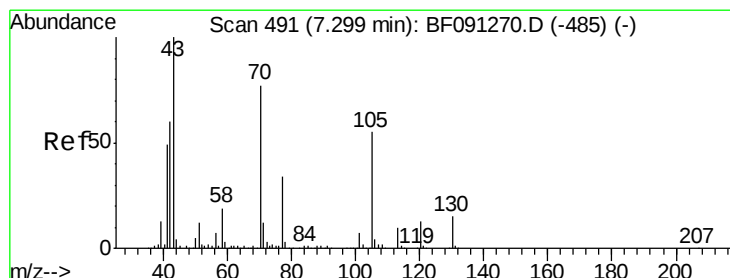
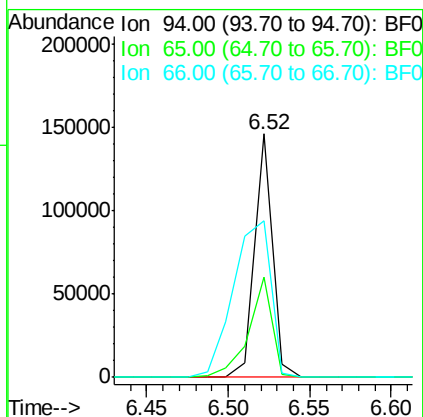
Tgt Ion: 94 Resp: 112383

Ion Ratio Lower Upper

94 100

65 41.1 16.9 56.9

66 64.4 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.61 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.15 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

Tgt Ion: 70 Resp: 185224

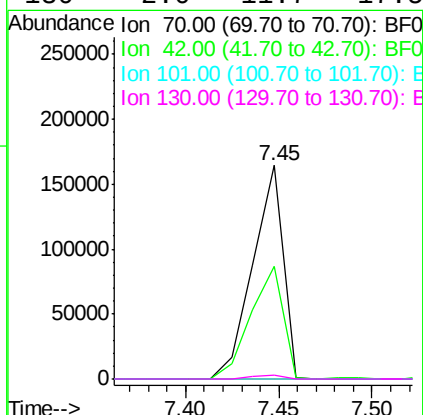
Ion Ratio Lower Upper

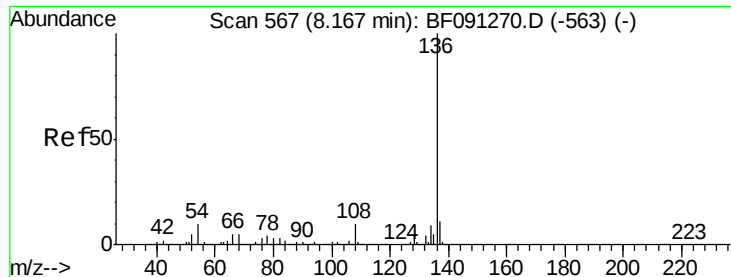
70 100

42 52.6 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

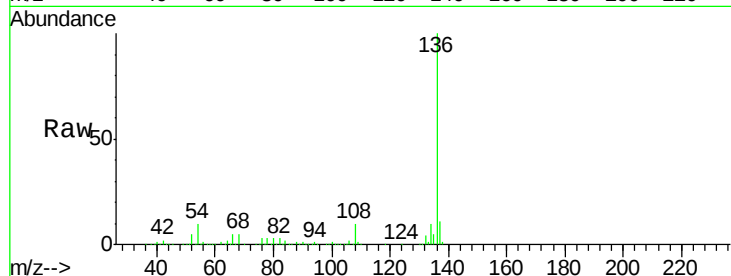




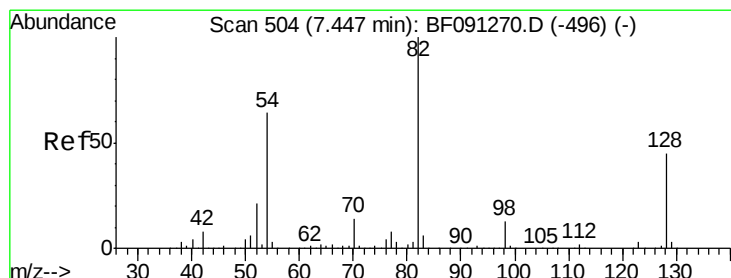
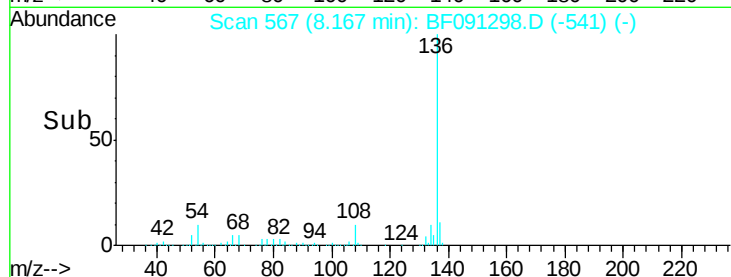
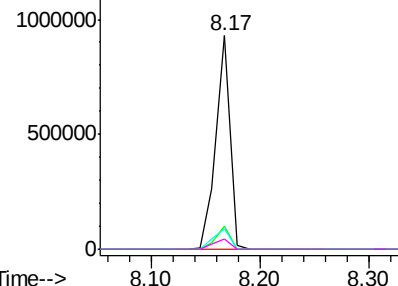
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091298.D
Acq: 24 Nov 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-06(6.5-7.5)

Tgt Ion:	136	Resp:	836759
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	9.7	9.1	13.7
68	4.9	5.9	8.9#

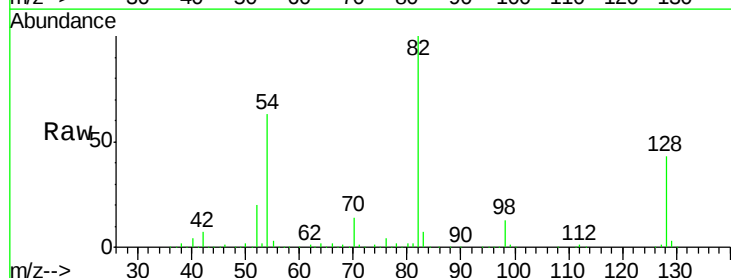


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

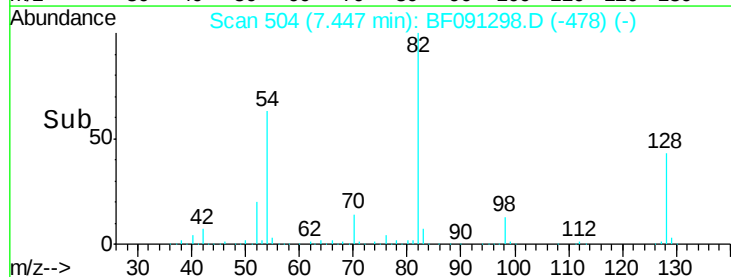
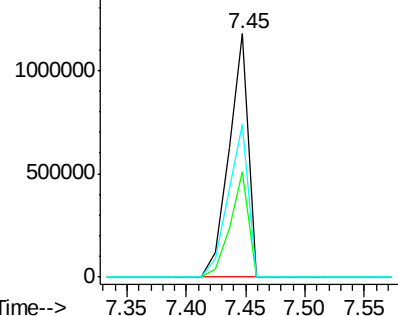


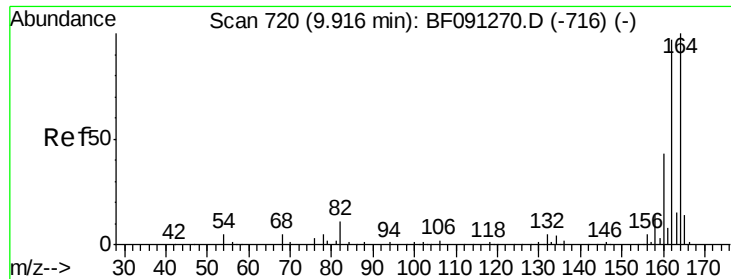
#23
Nitrobenzene-d5
Concen: 90.89 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091298.D
Acq: 24 Nov 2016 2:00

Tgt Ion:	82	Resp:	1321063
Ion Ratio	Lower	Upper	
82	100		
128	43.2	31.8	47.6
54	62.8	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: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SB-06(6.5-7.5)

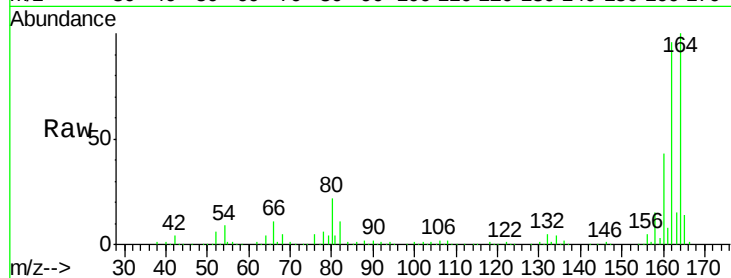
Tgt Ion:164 Resp: 374732

Ion Ratio Lower Upper

164 100

162 95.8 82.6 124.0

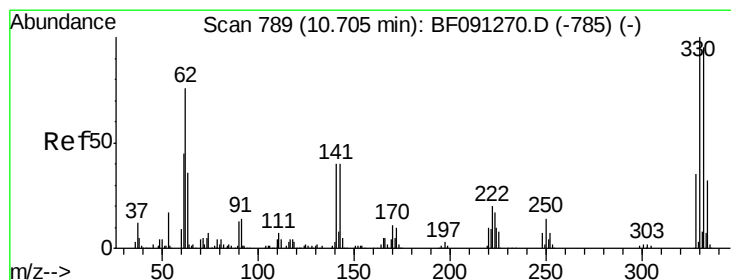
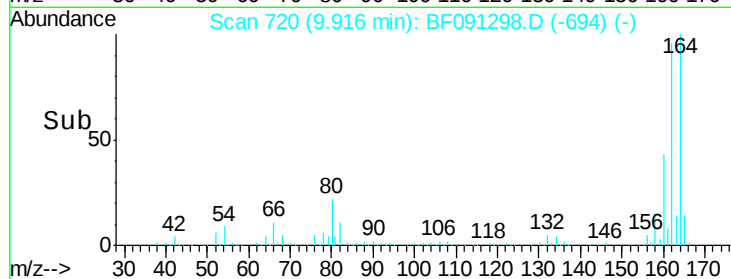
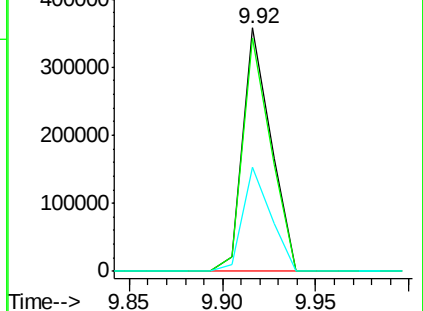
160 42.9 36.7 55.1



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: 105.22 ng

RT: 10.70 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

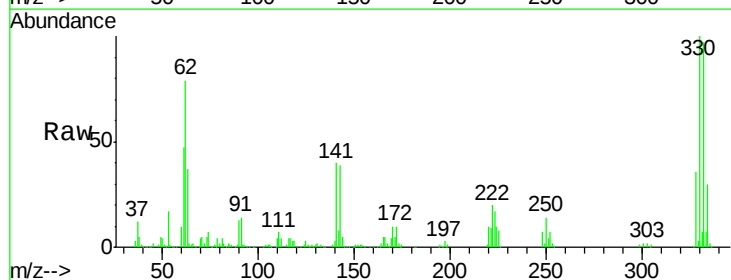
Tgt Ion:330 Resp: 397635

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

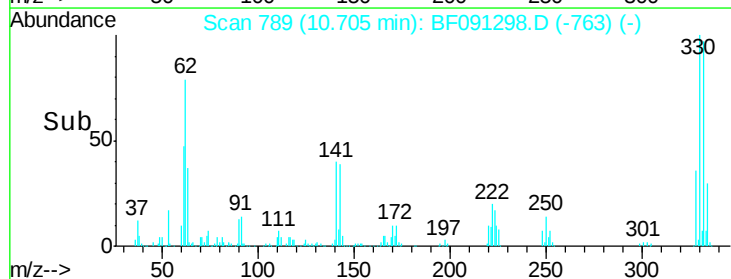
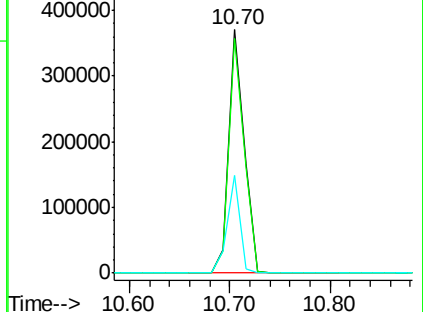
141 33.0 33.6 50.4#

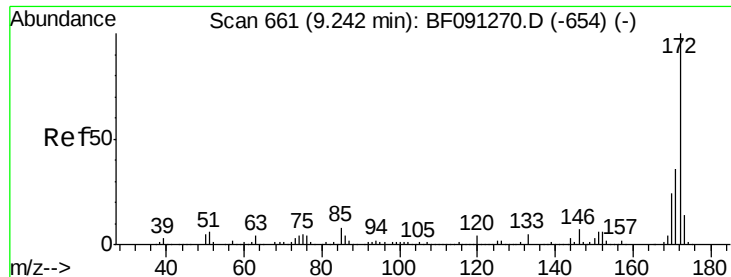


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

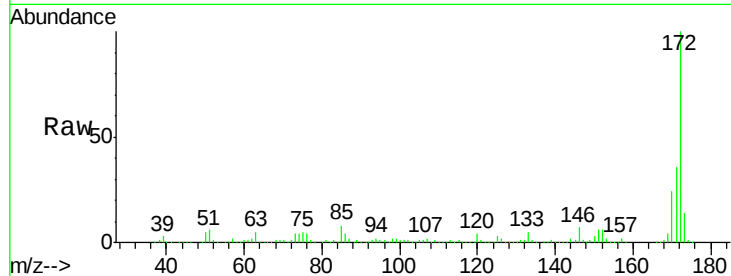




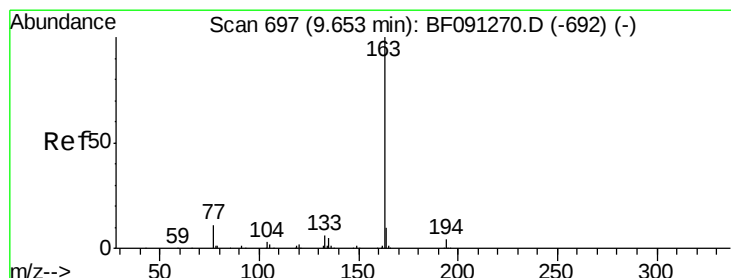
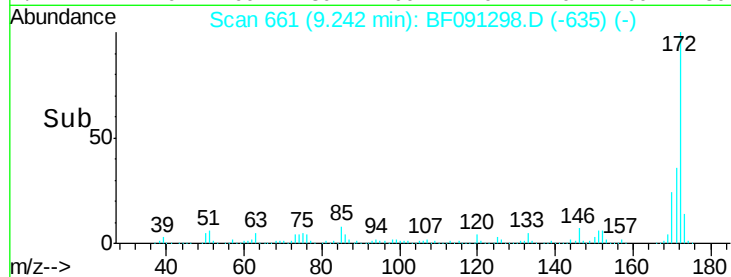
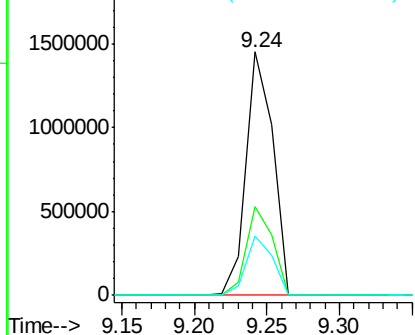
#44
 2-Fluorobiphenyl
 Concen: 81.50 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091298.D
 Acq: 24 Nov 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(6.5-7.5)

Tgt Ion:172 Resp: 1865211
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.1 19.7 29.5

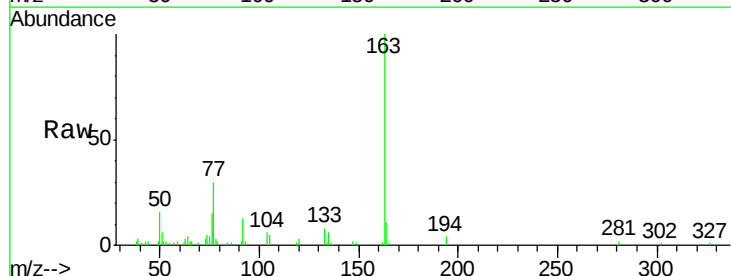


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

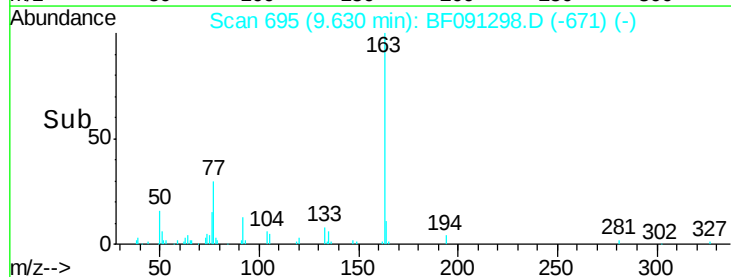
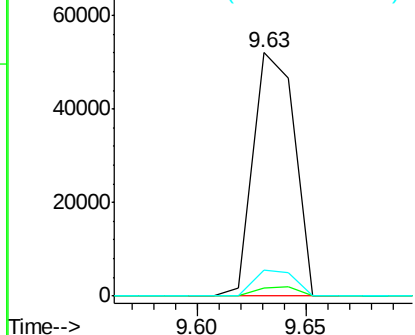


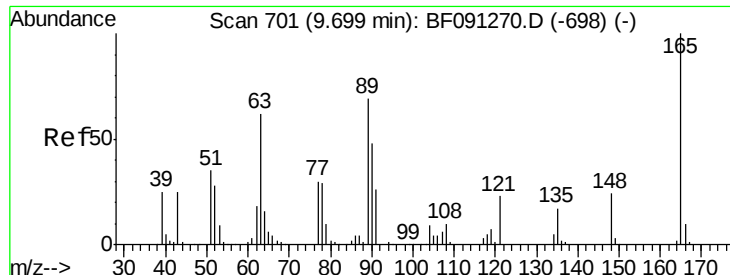
#49
 Dimethylphthalate
 Concen: 2.95 ng
 RT: 9.63 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF091298.D
 Acq: 24 Nov 2016 2:00

Tgt Ion:163 Resp: 68920
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 10.6 7.8 11.8



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

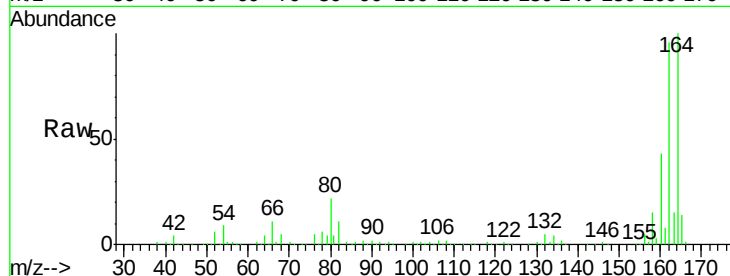




#50
 2,6-Dinitrotoluene
 Concen: 9.61 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.22 min
 Lab File: BF091298.D
 Acq: 24 Nov 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(6.5-7.5)

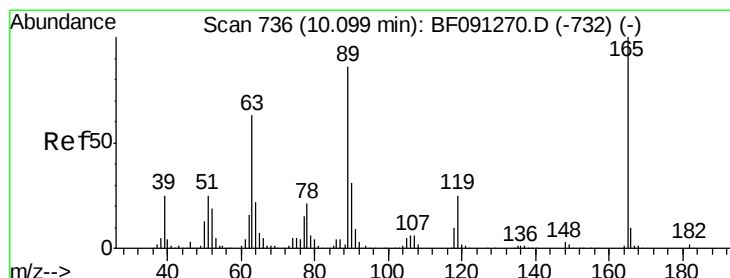
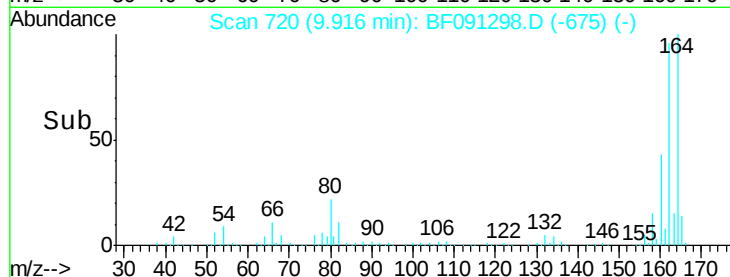
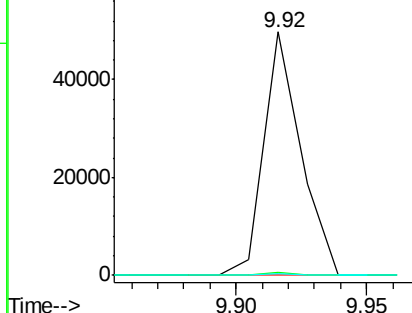
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	0.9	50.8	76.2#



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: 7.59 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.18 min
 Lab File: BF091298.D
 Acq: 24 Nov 2016 2:00

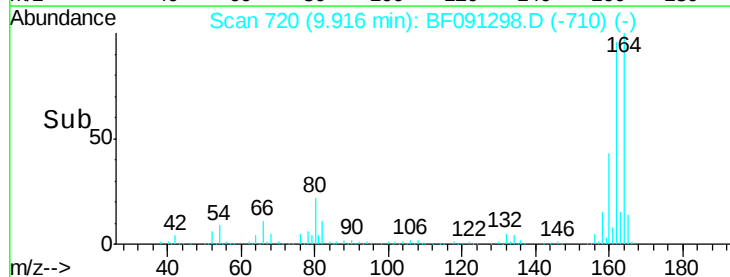
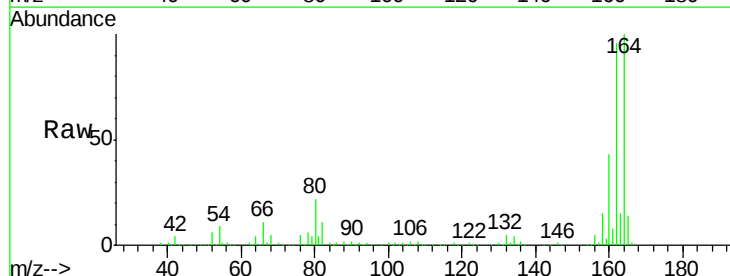
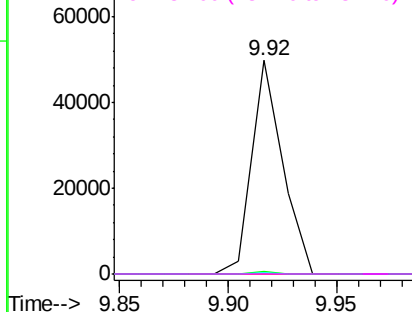
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

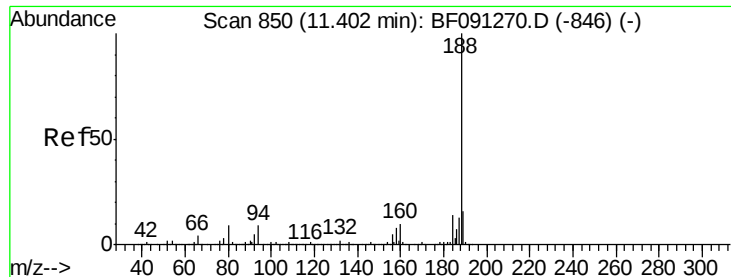
Abundance Ion 165.00 (164.70 to 165.70): E

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

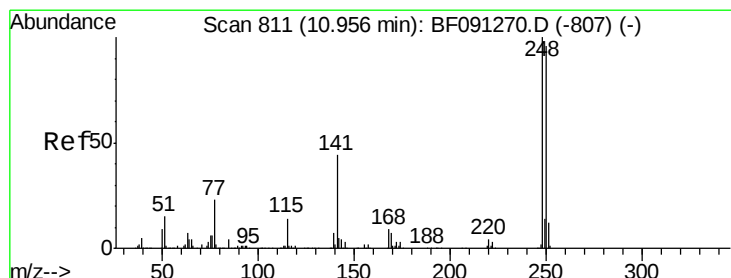
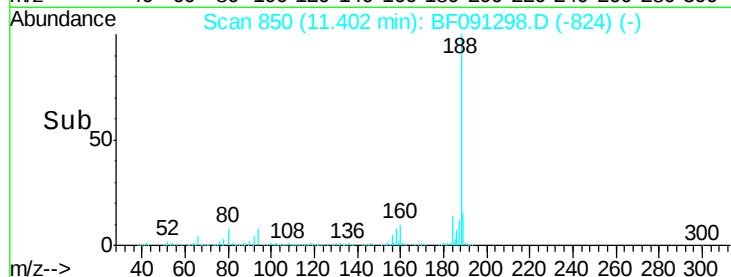
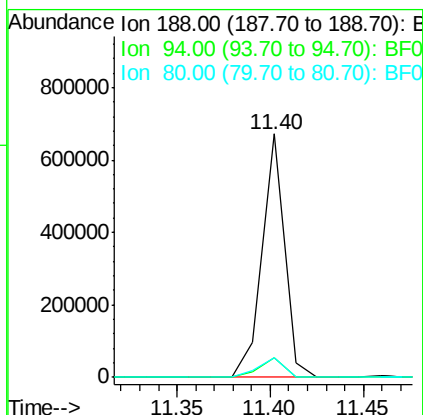
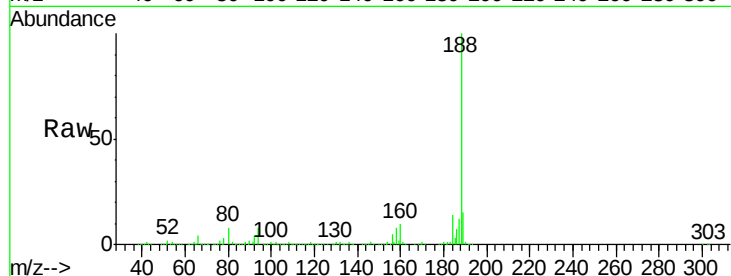




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091298.D
Acq: 24 Nov 2016 2:00

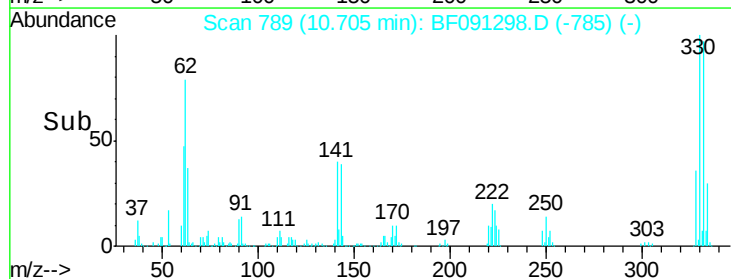
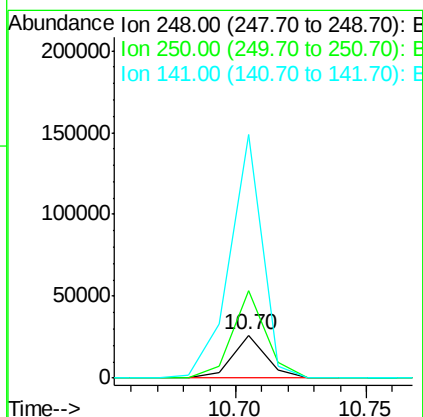
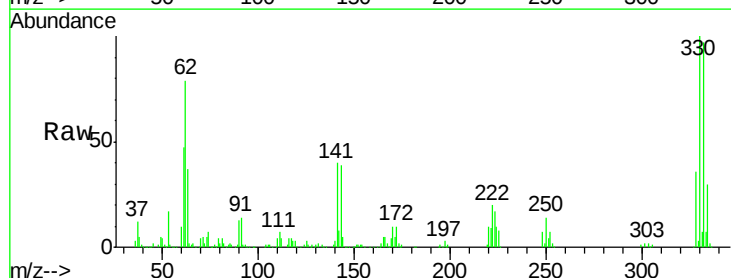
Instrument :
BNA_F
ClientSampleId :
SB-06(6.5-7.5)

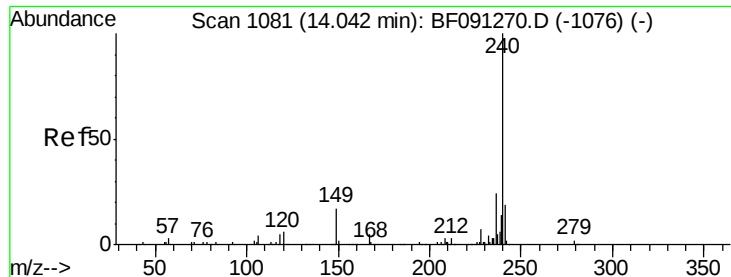
Tgt Ion:188 Resp: 555624
Ion Ratio Lower Upper
188 100
94 8.1 9.2 13.8#
80 8.2 10.5 15.7#



#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.25 min
Lab File: BF091298.D
Acq: 24 Nov 2016 2:00

Tgt Ion:248 Resp: 23731
Ion Ratio Lower Upper
248 100
250 202.3 78.2 117.4#
141 565.7 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

Instrument :

BNA_F

ClientSampleId :

SB-06(6.5-7.5)

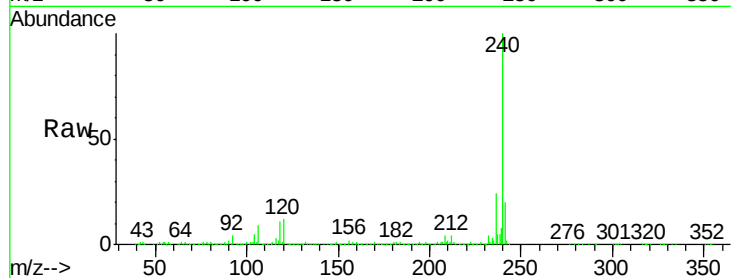
Tgt Ion:240 Resp: 482086

Ion Ratio Lower Upper

240 100

120 12.1 12.1 18.1

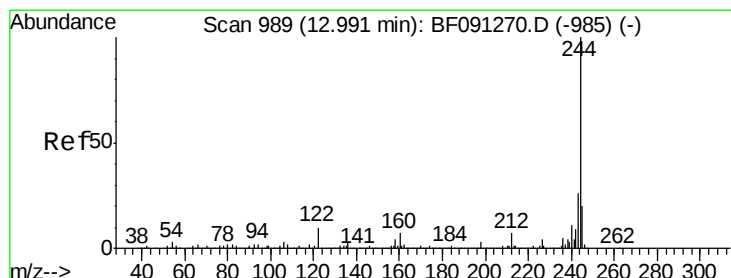
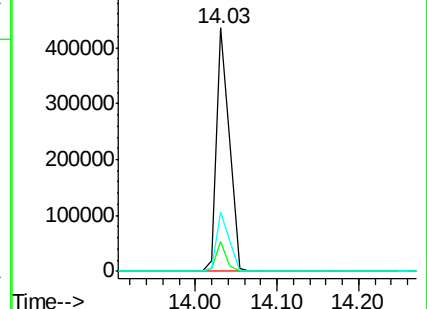
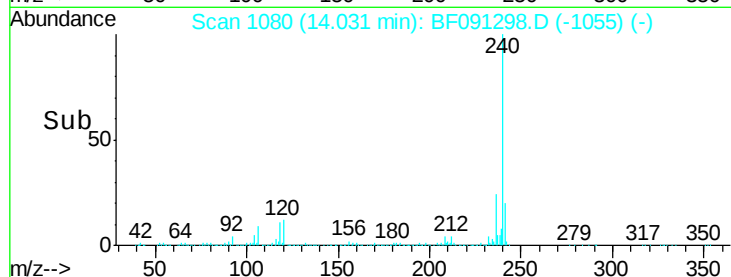
236 24.2 21.0 31.6



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: 63.29 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091298.D

Acq: 24 Nov 2016 2:00

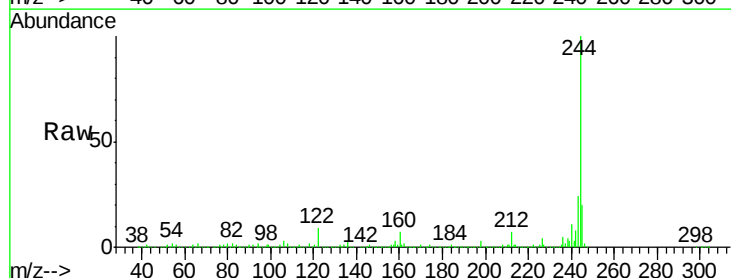
Tgt Ion:244 Resp: 1336030

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

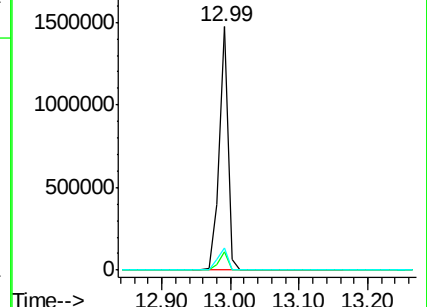
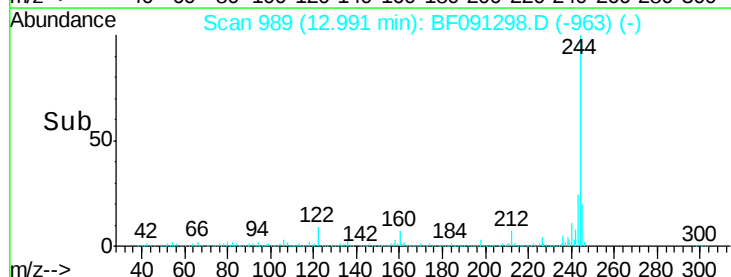
122 8.9 9.5 14.3#

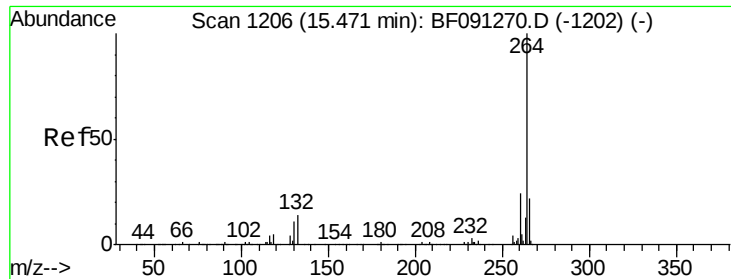


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091298.D
Acq: 24 Nov 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-06(6.5-7.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.5	17.0	25.6

