

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091299.D
 Acq On : 24 Nov 2016 2:28
 Operator : UM/SJ
 Sample : H5740-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Quant Time: Nov 24 05:15:04 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

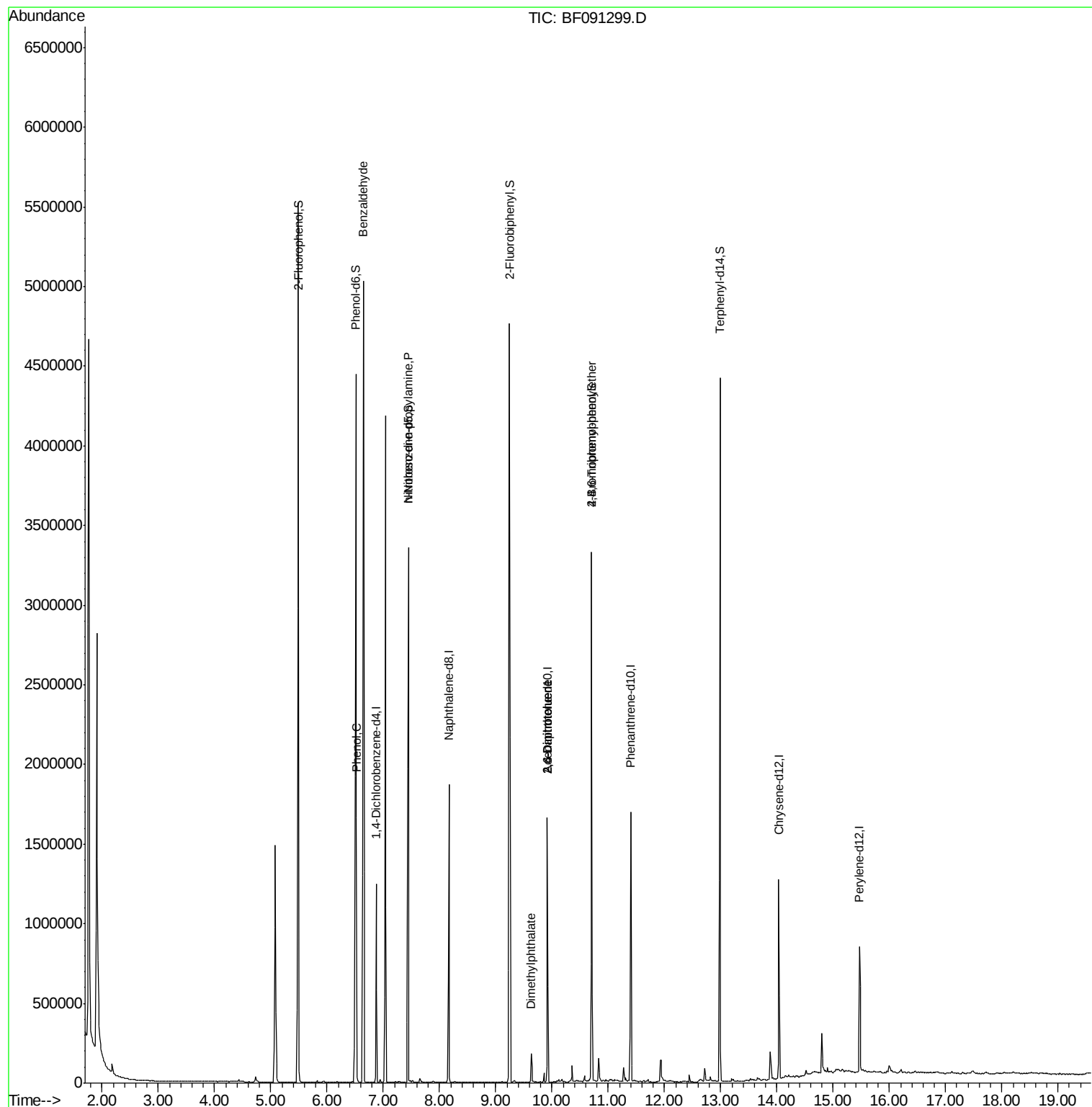
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	203274	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	848869	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	391111	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	579214	20.00	ng	0.00
75) Chrysene-d12	14.03	240	497450	20.00	ng	-0.01
86) Perylene-d12	15.47	264	407045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1521241	120.24	ng	0.02
7) Phenol-d6	6.51	99	1727205	106.26	ng	0.01
23) Nitrobenzene-d5	7.45	82	1263196	85.67	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	388089	98.40	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1795917	75.19	ng	0.00
78) Terphenyl-d14	12.99	244	1357244	62.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	34049	2.83	ng	85
10) Phenol	6.52	94	123965	6.84	ng	95
19) n-Nitroso-di-n-propylamine	7.45	70	173503	17.02	ng	# 67
49) Dimethylphthalate	9.63	163	77335	3.17	ng	# 95
50) 2,6-Dinitrotoluene	9.92	165	51529	9.66	ng	# 17
56) 2,4-Dinitrotoluene	9.92	165	51519	7.63	ng	# 33
66) 4-Bromophenyl-phenylether	10.70	248	23106	3.65	ng	# 1

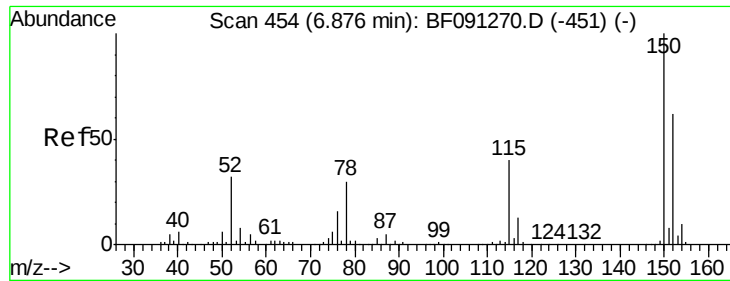
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091299.D

Acq: 24 Nov 2016 2:28

Instrument :

BNA_F

ClientSampleId :

DUP-X

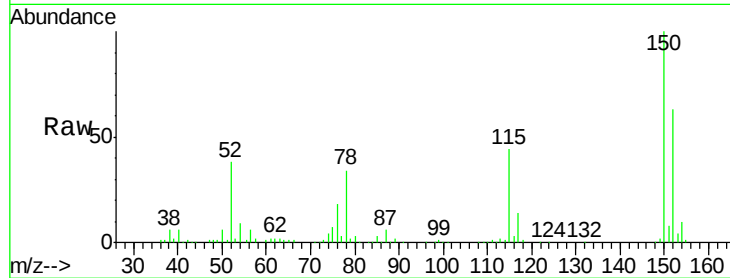
Tgt Ion:152 Resp: 203274

Ion Ratio Lower Upper

152 100

150 158.5 122.5 183.7

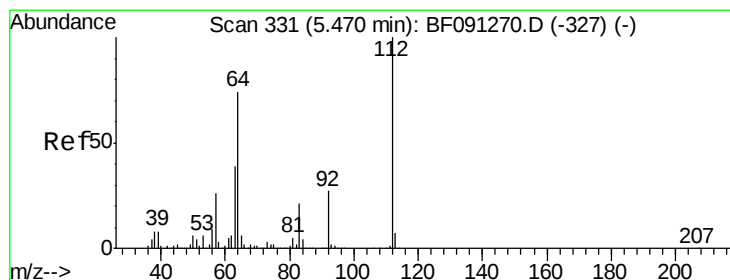
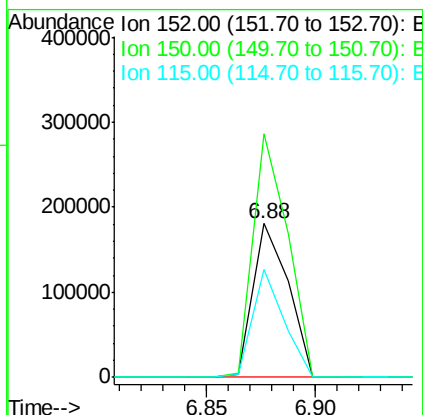
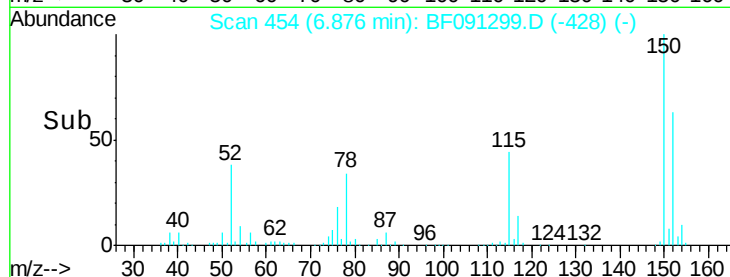
115 69.9 51.8 77.8



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: 120.24 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091299.D

Acq: 24 Nov 2016 2:28

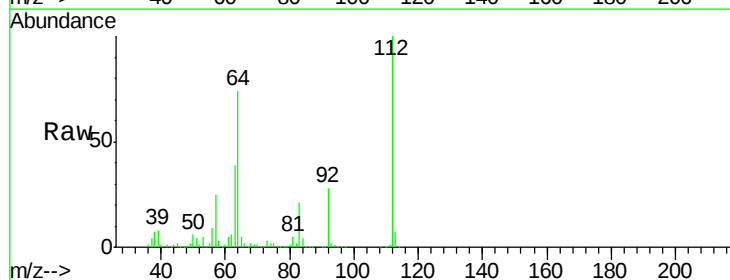
Tgt Ion:112 Resp: 1521241

Ion Ratio Lower Upper

112 100

64 73.7 61.5 92.3

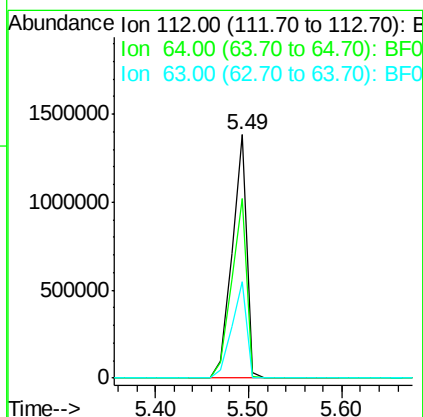
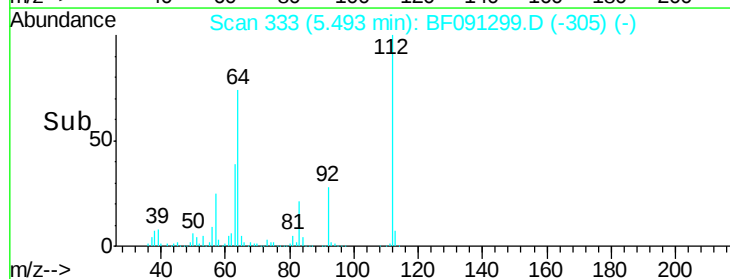
63 39.4 33.3 49.9

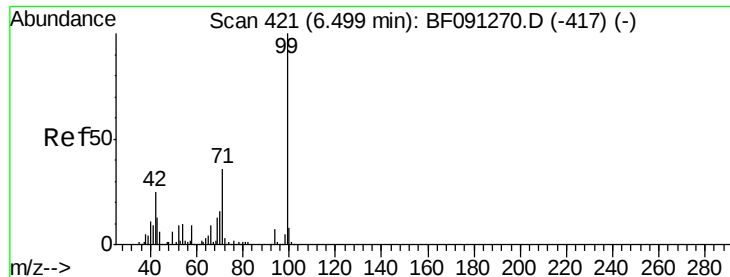


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.26 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091299.D

Acq: 24 Nov 2016 2:28

Instrument :

BNA_F

ClientSampleId :

DUP-X

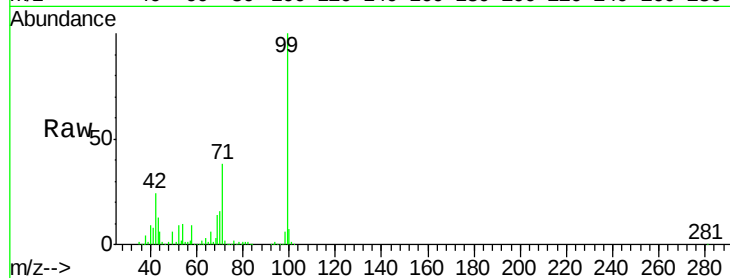
Tgt Ion: 99 Resp: 1727205

Ion Ratio Lower Upper

99 100

42 24.4 20.6 31.0

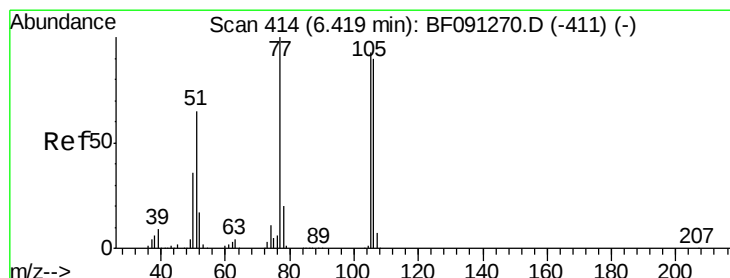
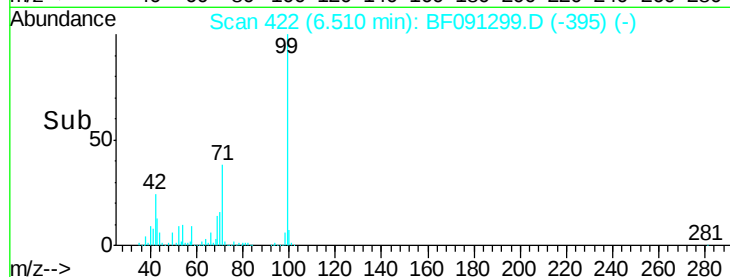
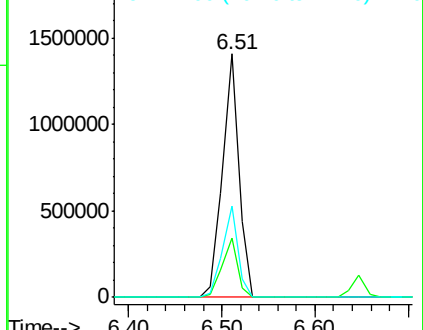
71 37.6 29.9 44.9



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: 2.83 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091299.D

Acq: 24 Nov 2016 2:28

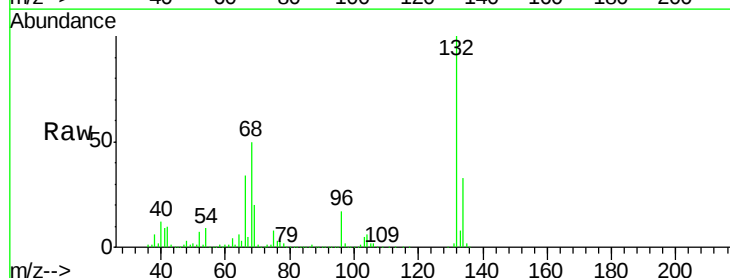
Tgt Ion: 77 Resp: 34049

Ion Ratio Lower Upper

77 100

105 73.6 66.4 106.4

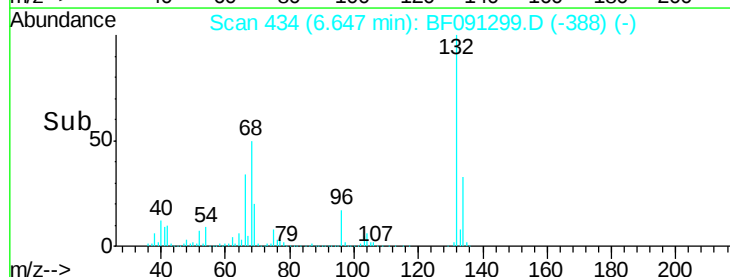
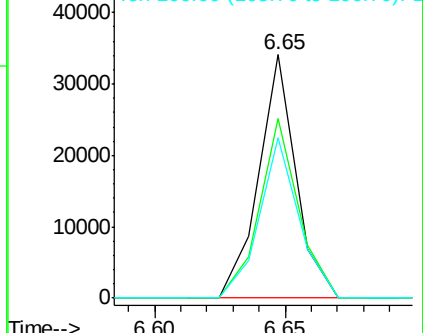
106 65.7 60.9 100.9

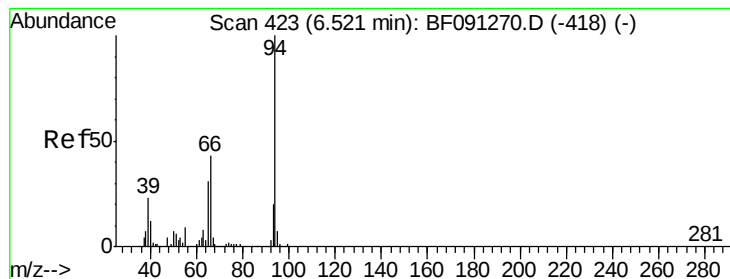


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 6.84 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091299.D

Acq: 24 Nov 2016 2:28

Instrument :

BNA_F

ClientSampleId :

DUP-X

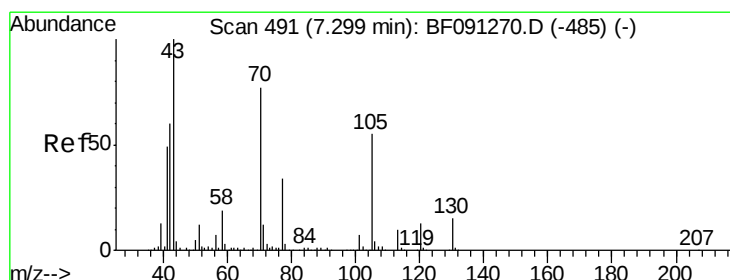
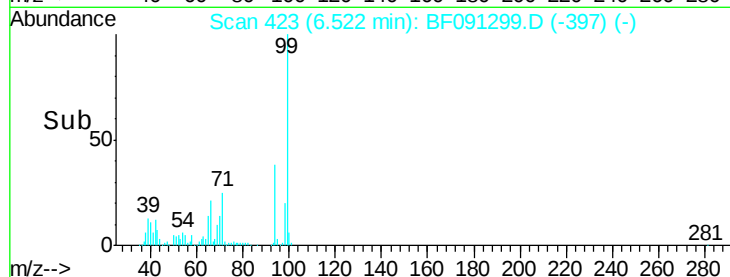
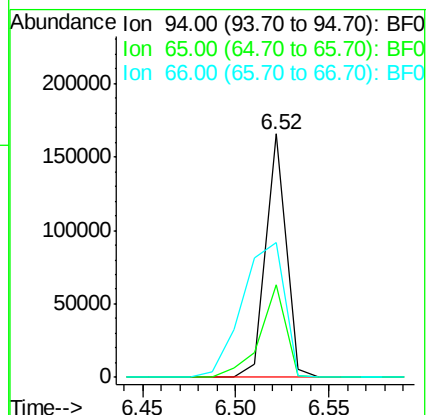
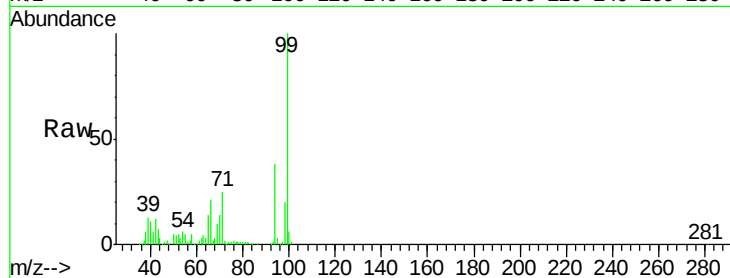
Tgt Ion: 94 Resp: 123965

Ion Ratio Lower Upper

94 100

65 37.9 16.9 56.9

66 55.3 30.6 70.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.02 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.15 min

Lab File: BF091299.D

Acq: 24 Nov 2016 2:28

Tgt Ion: 70 Resp: 173503

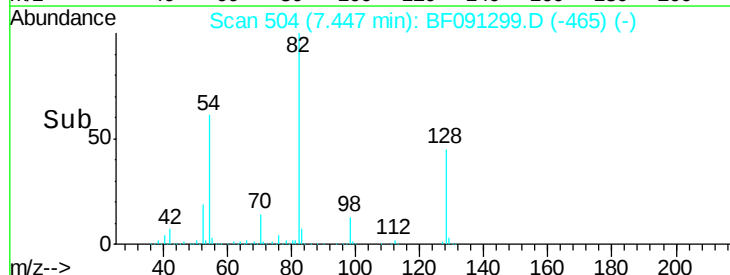
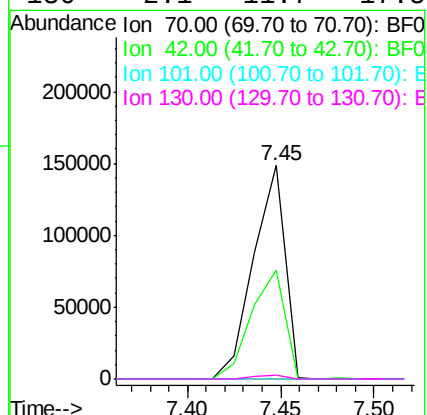
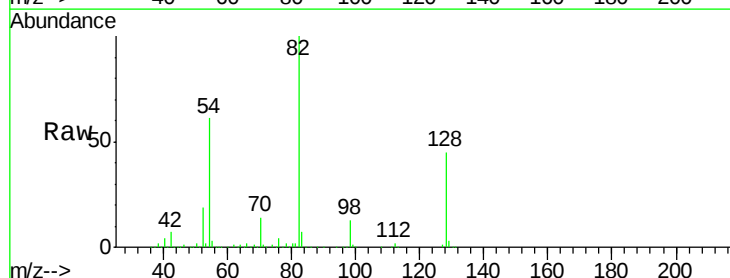
Ion Ratio Lower Upper

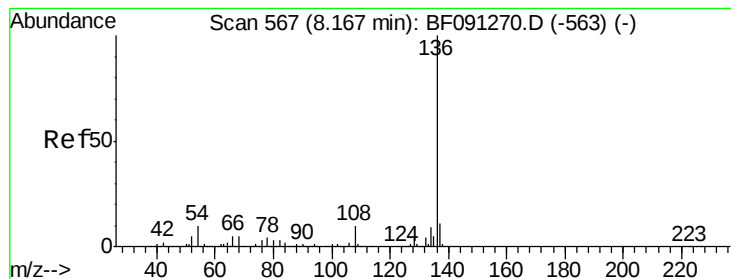
70 100

42 50.8 64.8 97.2#

101 0.0 6.2 9.4#

130 2.1 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: BF091299.D

Acq: 24 Nov 2016 2:28

Instrument :

BNA_F

ClientSampled :

DUP-X

Tgt Ion: 136 Resp: 848869

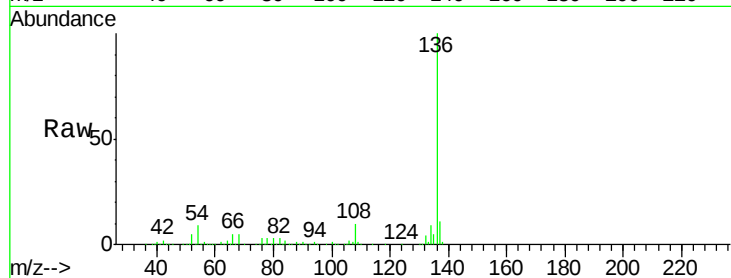
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 9.5 9.1 13.7

68 4.8 5.9 8.9#

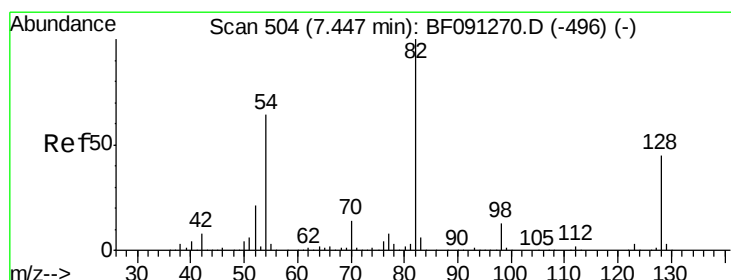
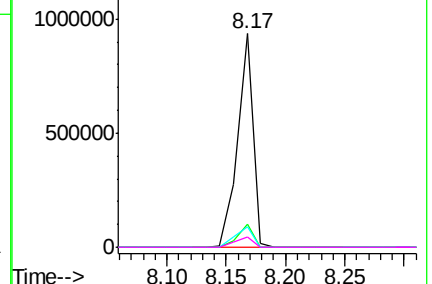
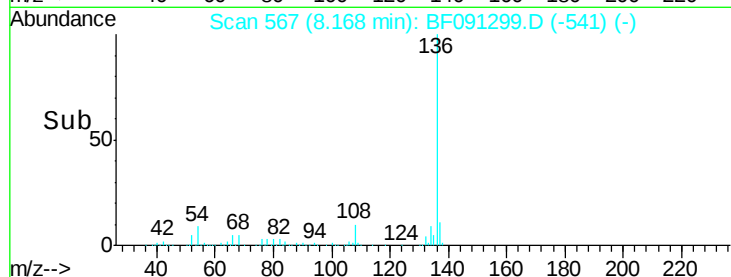


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.67 ng

RT: 7.45 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF091299.D

Acq: 24 Nov 2016 2:28

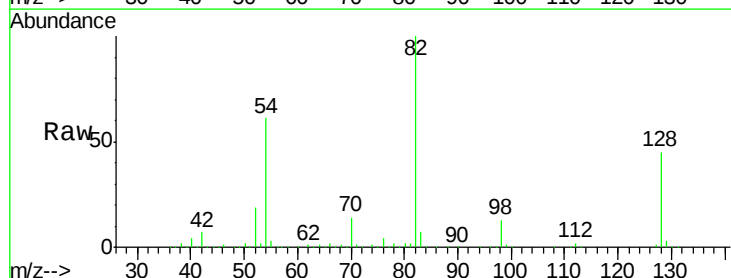
Tgt Ion: 82 Resp: 1263196

Ion Ratio Lower Upper

82 100

128 45.1 31.8 47.6

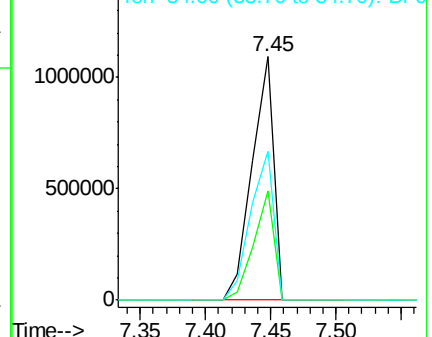
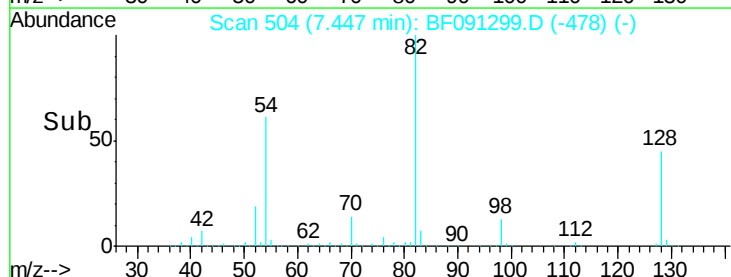
54 61.3 49.1 73.7

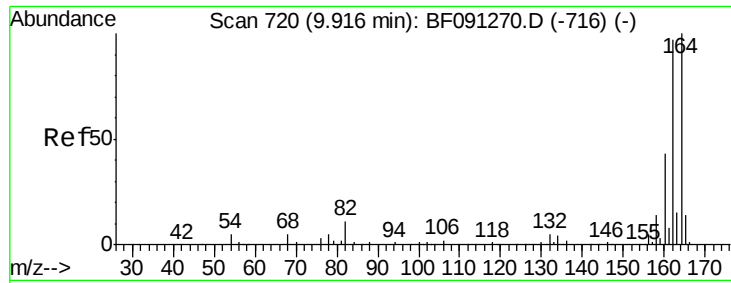


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

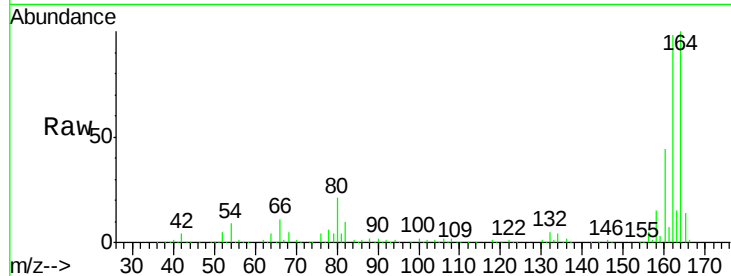




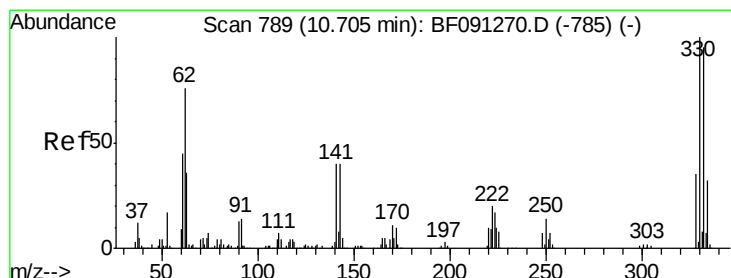
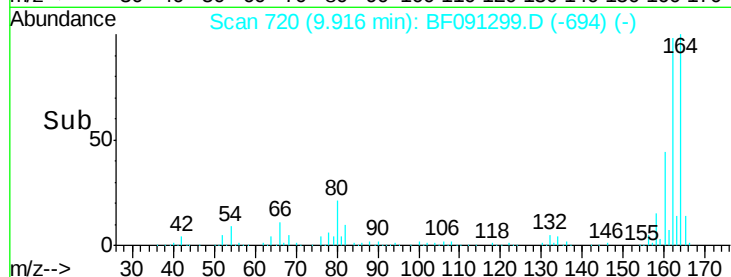
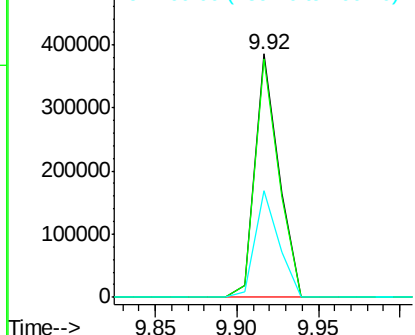
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF091299.D
 Acq: 24 Nov 2016 2:28

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tgt Ion:164 Resp: 391111
 Ion Ratio Lower Upper
 164 100
 162 98.0 82.6 124.0
 160 43.8 36.7 55.1

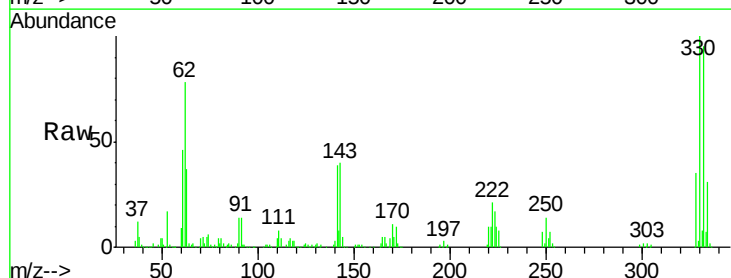


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

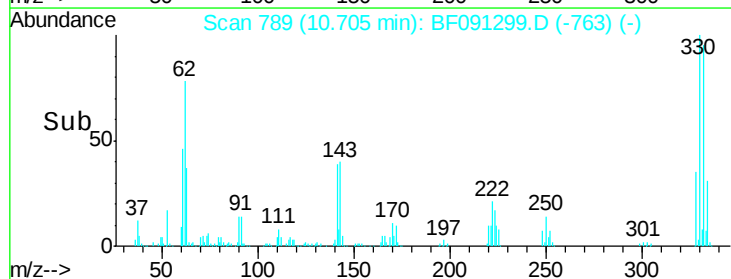
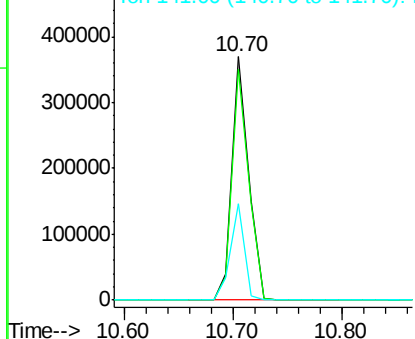


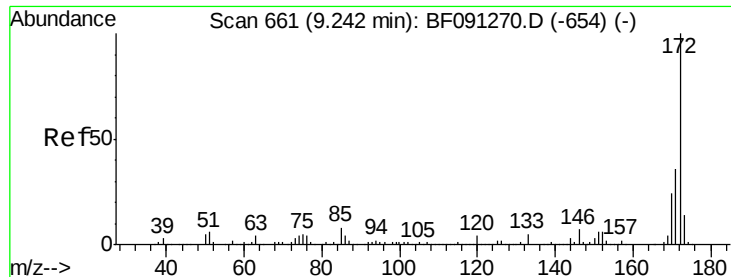
#41
 2,4,6-Tribromophenol
 Concen: 98.40 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091299.D
 Acq: 24 Nov 2016 2:28

Tgt Ion:330 Resp: 388089
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.2 114.4
 141 33.3 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

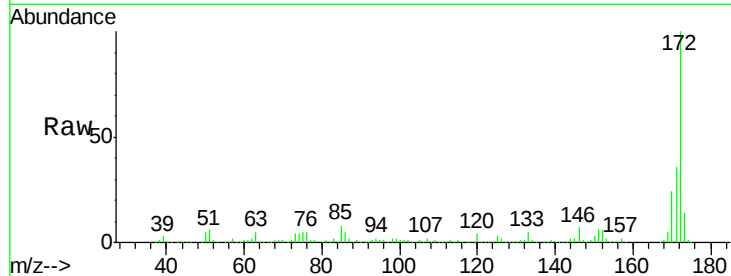




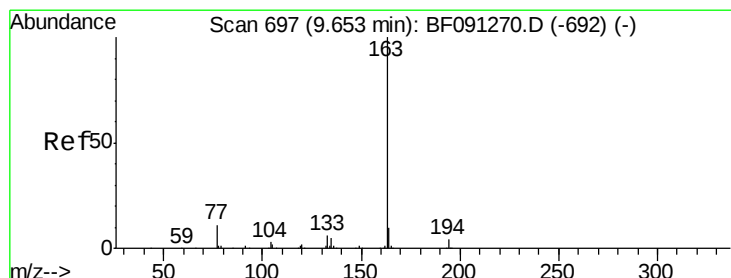
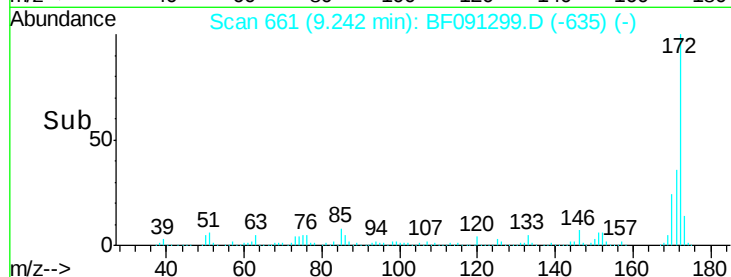
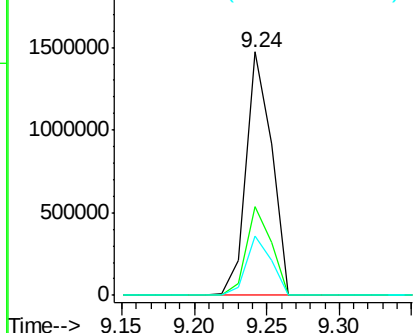
#44
 2-Fluorobiphenyl
 Concen: 75.19 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091299.D
 Acq: 24 Nov 2016 2:28

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tgt Ion:172 Resp: 1795917
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 19.7 29.5

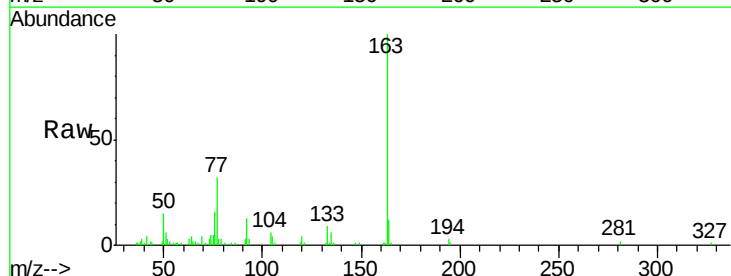


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

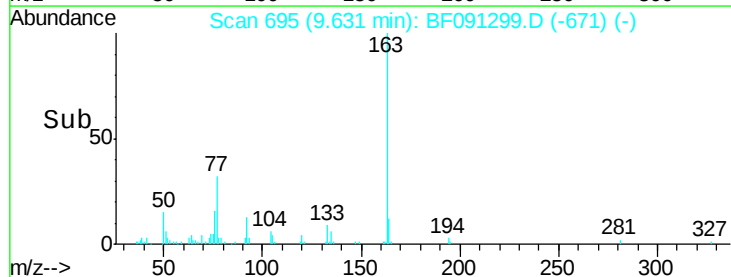
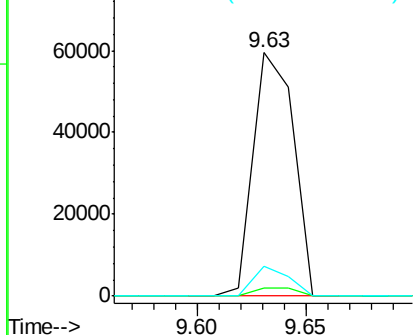


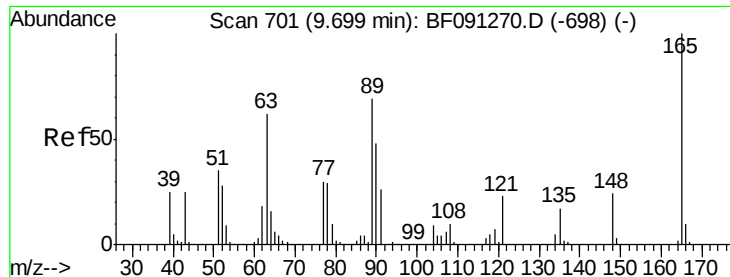
#49
 Dimethylphthalate
 Concen: 3.17 ng
 RT: 9.63 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF091299.D
 Acq: 24 Nov 2016 2:28

Tgt Ion:163 Resp: 77335
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 12.4 7.8 11.8#



Abundance Ion 163.00 (162.70 to 163.70): E
 80000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

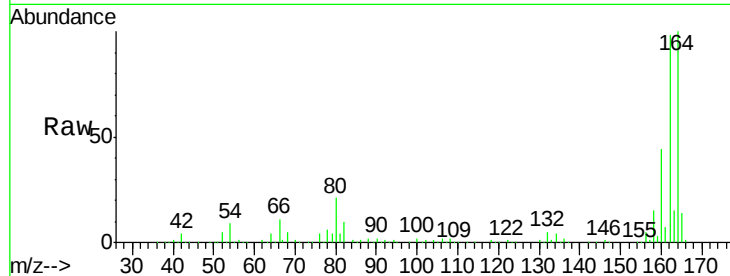




#50
 2,6-Dinitrotoluene
 Concen: 9.66 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.22 min
 Lab File: BF091299.D
 Acq: 24 Nov 2016 2:28

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

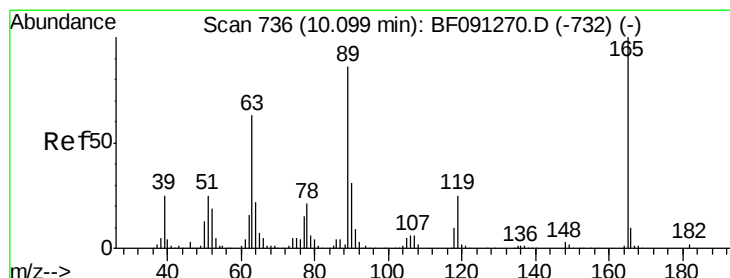
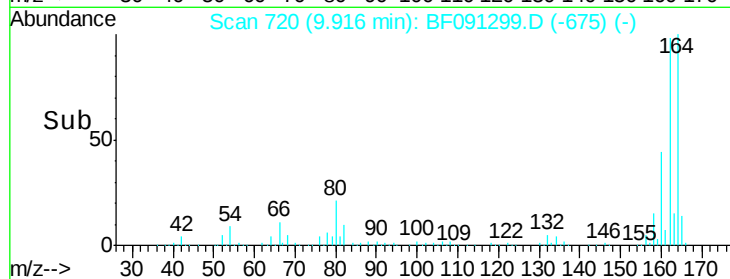
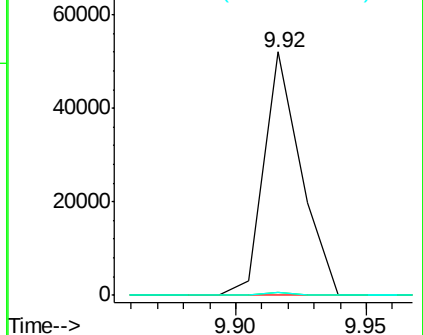
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	59.4	89.0#
89	1.0	50.8	76.2#



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: 7.63 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.18 min
 Lab File: BF091299.D
 Acq: 24 Nov 2016 2:28

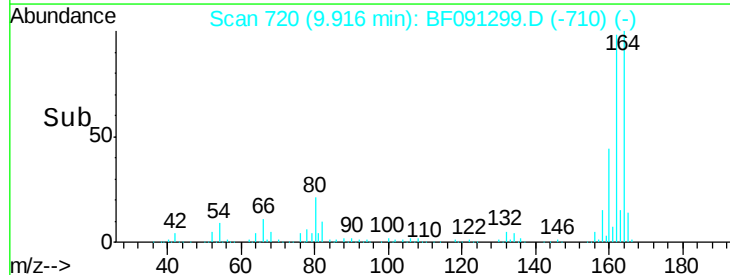
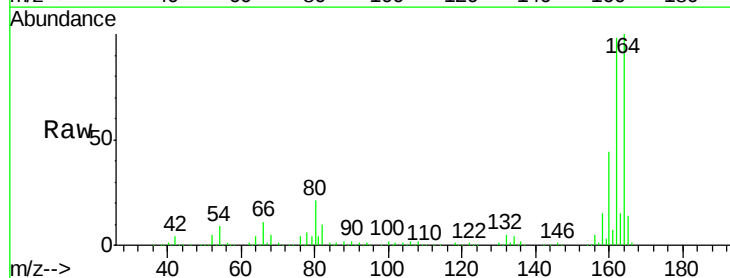
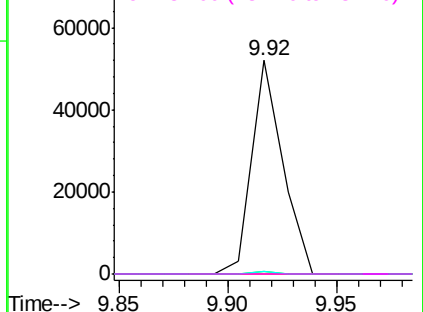
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.0	43.4#
89	1.0	43.1	64.7#
182	0.0	1.9	2.9#

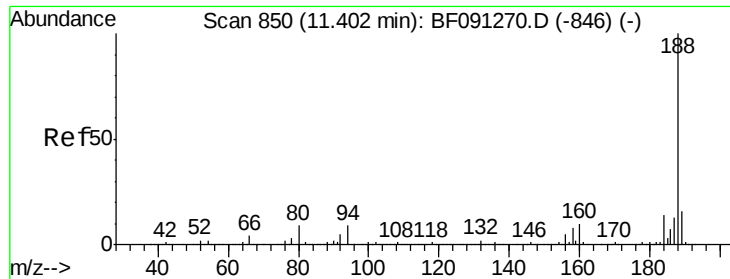
Abundance Ion 165.00 (164.70 to 165.70): E

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

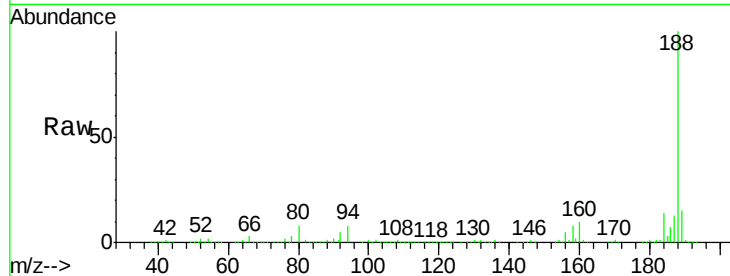




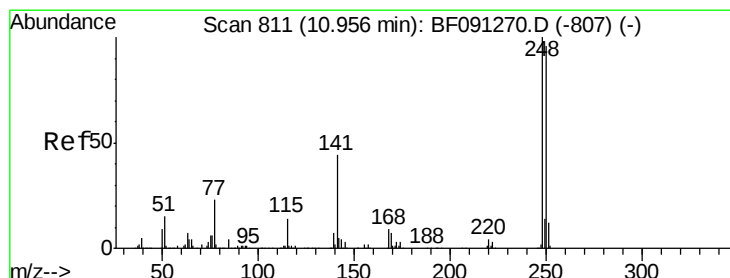
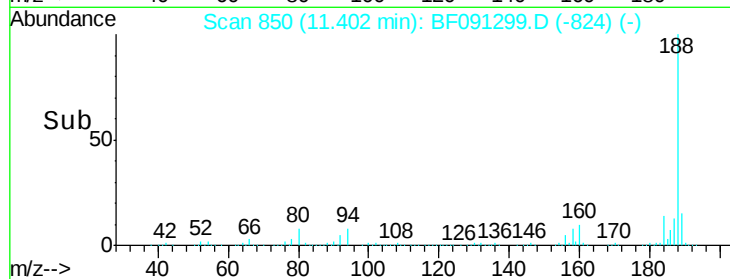
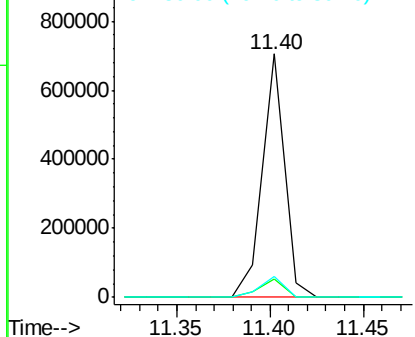
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091299.D
 Acq: 24 Nov 2016 2:28

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tgt Ion:188 Resp: 579214
 Ion Ratio Lower Upper
 188 100
 94 7.6 9.2 13.8#
 80 8.3 10.5 15.7#

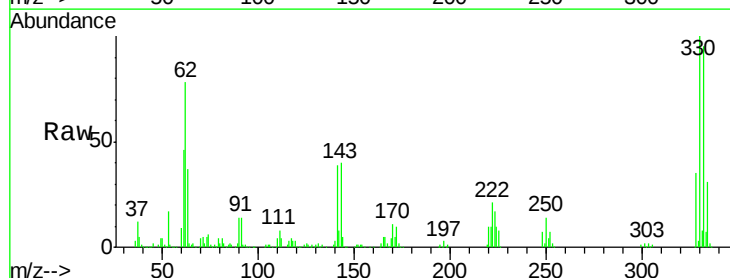


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

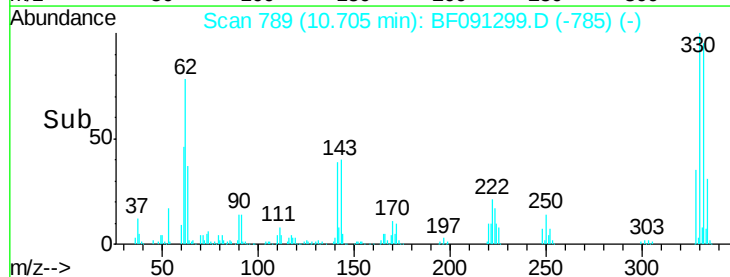
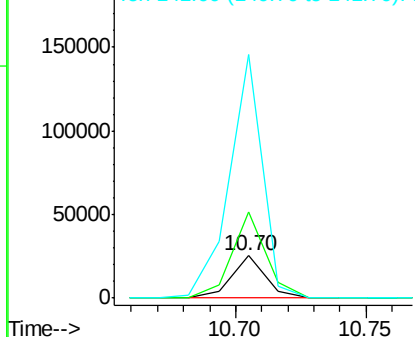


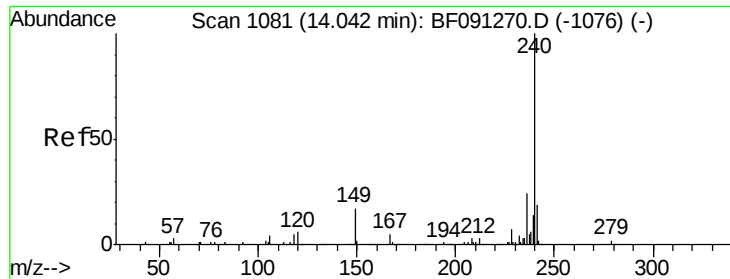
#66
 4-Bromophenyl-phenylether
 Concen: 3.65 ng
 RT: 10.70 min Scan# 789
 Delta R.T. -0.25 min
 Lab File: BF091299.D
 Acq: 24 Nov 2016 2:28

Tgt Ion:248 Resp: 23106
 Ion Ratio Lower Upper
 248 100
 250 204.5 78.2 117.4#
 141 577.7 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: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091299.D

Acq: 24 Nov 2016 2:28

Instrument :

BNA_F

ClientSampleId :

DUP-X

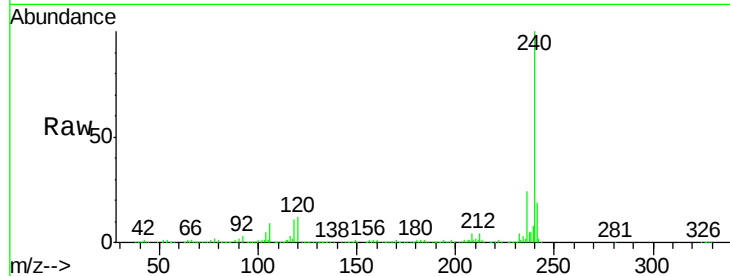
Tgt Ion:240 Resp: 497450

Ion Ratio Lower Upper

240 100

120 11.6 12.1 18.1#

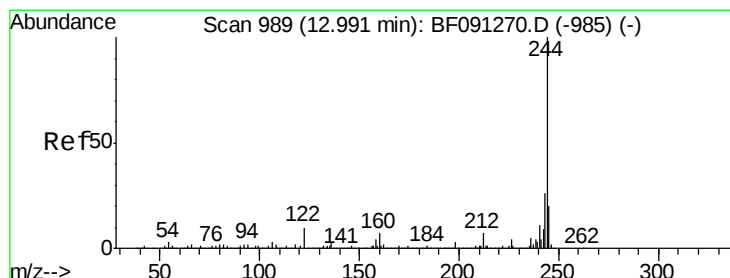
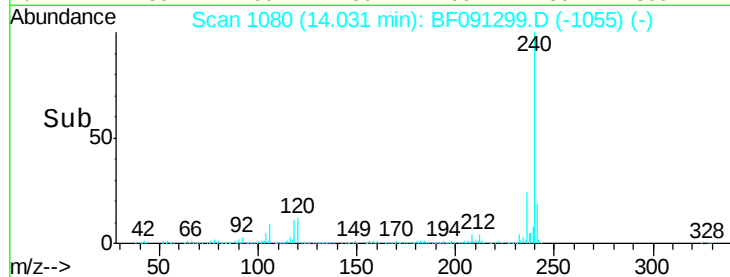
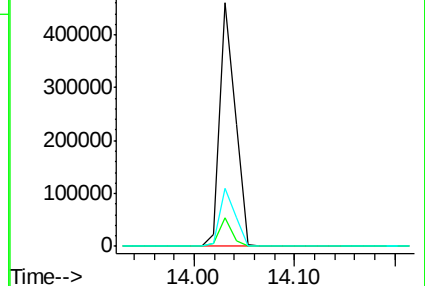
236 24.0 21.0 31.6



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: 62.31 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091299.D

Acq: 24 Nov 2016 2:28

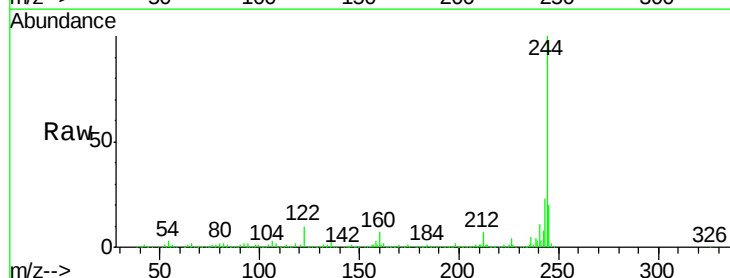
Tgt Ion:244 Resp: 1357244

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

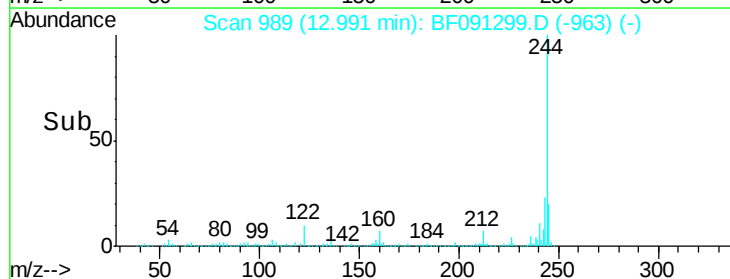
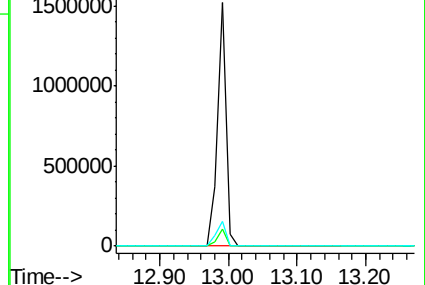
122 9.9 9.5 14.3

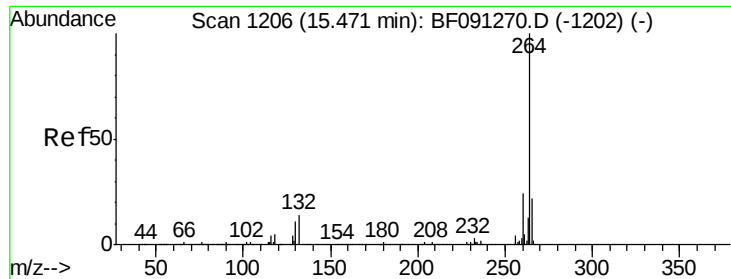


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091299.D
Acq: 24 Nov 2016 2:28

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.3	17.0	25.6

